

SCOPIA XT5000

Interoperability guide
Version 3.2.0
For Solution 8.2



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Interoperability Test Descriptions

Welcome to the RADVISION Codec Interoperability Guide for the SCOPIA XT5000, General Availability Version 3.2.0. This section contains the following topics:

- Testing Overview
- Tested Endpoints
- Tested MCUs

The following tests were performed using the XT5000 Version 3.2.0.

Interoperability Test Results

This chapter details the interoperability test results for the SCOPIA XT5000 version 3.2.0. performed tests are as follows.

Point to Point calls: XT5000 places and receives calls. Each set of calls was performed using the H.323 protocol on endpoints and MCUs. Sets of calls were performed using the SIP protocol on selected endpoints and MCUs.

Point to Multipoints calls: Two types of calls were tested: XT5000 calls to the Multipoint Conference Unit (MCU), and MCU calls to XT5000. Each set of calls was performed using the H.323 protocol on endpoints and MCUs. Sets of calls were performed using the SIP protocol on selected endpoints and MCUs.

Additional tests were performed on selected endpoints and MCUs:

- Dual video with H.323 and SIP protocols
- Far End Camera Control (FECC) H.323 and SIP Interoperability
- Encryption test
- Mute test

CISCO SX20 to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6000	
	Actual Bitrate (Tx/Rx)	6000/6000	
	Video Coding (Tx)	H.264,1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264,1080p	
	Rx fps	60 fps	
	Audio (Tx)	MPEG4 AAC LD 64K	
	Audio (Rx)	MPEG4 AAC LD 64K	
	Send DualVideo	H.264 1080p 15 fps	
	Receive DualVideo	H.264 1080p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6000	
	Actual Bitrate (Tx/Rx)	6000/6000	
	Video Coding (Tx)	H.264,1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264,1080p	
	Rx FPS	60 fps	
	Audio (Tx)	MPEG4 AAC LD 64K	
	Audio (Rx)	MPEG4 AAC LD 64K	
	Send DualVideo	H.264 1080p 15 fps	
	Receive DualVideo	H.264 1080p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

CISCO SX20 to XT5000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6000	
	Actual Bitrate (Tx/Rx)	6000/6000	
	Video Coding (Tx)	H.264,1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264,1080p	
	Rx FPS	60 fps	
	Audio (Tx)	MPEG4 AAC LD 64K	
	Audio (Rx)	MPEG4 AAC LD 64K	
	Send DualVideo	H.264 1080p 15 fps	
	Receive DualVideo	H.264 1080p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 internal MCU to CISCO SX20 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, w448Kp	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 1080p 7fps	
	Receive DualVideo	(H.264 1080p 7fps)	Randomically FAILED
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
Encrypted	MUTE from remote	N/A	
	Nominal Bitrate (Kbps)	1920	Randomically FAILED
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30	
	Video Coding (Rx)	H.264, w448Kp	
	Rx FPS	30	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 1080p 7fps	
	Receive DualVideo	✗	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 internal MCU to CISCO SX20 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, w448Kp	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 1080p 7fps	
	Receive DualVideo	(H.264 1080p 7fps)	Randomically FAILED
			
	FECC		
	FECC from remote		
	MUTE		
Encrypted	MUTE from remote	N/A	
	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to CISCO SX20 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	6000/6000	
	Video Coding (Tx)	H.264,1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264, 1080p	
	Rx FPS	60 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	5867/5911	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264, 1080p	
	Rx FPS	60 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to CISCO SX20 - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual Bitrate (Tx/Rx)	1152/1152	
	Video Coding (Tx)	H.264,720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 720p	
	Rx fps	60 fps	
	Audio (Tx)	MPEG4 AAC LD 64K	
	Audio (Rx)	MPEG4 AAC LD 64K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 10fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to CISCO SX20 - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual Bitrate (Tx/Rx)	128/128	
	Video Coding (Tx)	H.264 W240P	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w288p 512x288	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 24K	
	Audio (Rx)	G.722.1 24K	
	Send DualVideo	H.264 720p 3fps	
	Receive DualVideo	H.264 720p 2fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to CISCO SX20 - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 720p	
	Rx FPS	60 fps	
	Audio (Tx)	MPEG4 AAC LD 64K	
	Audio (Rx)	MPEG4 AAC LD 64K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to CISCO SX20 - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual Bitrate (Tx/Rx)	384/384	
	Video Coding (Tx)	H.264 w352p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w448Kp	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC LD 64K	
	Audio (Rx)	MPEG4 AAC LD 64K	
	Send DualVideo	H.264 1080p 3fps	
	Receive DualVideo	H.264 1080p 3fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to CISCO SX20 - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	512	
	Actual Bitrate (Tx/Rx)	512/512	
	Video Coding (Tx)	H.264 w48K0p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w576p	
	Rx FPS	30	
	Audio (Tx)	MPEG4 AAC LD 64K	
	Audio (Rx)	MPEG4 AAC LD 64K	
	Send DualVideo	H.264 1080p 5fps	
	Receive DualVideo	H.264 1080p 5fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to CISCO SX20 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	(5064/6000)	
	Video Coding (Tx)	H.264,1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264,1080p	
	Rx FPS	60 fps	
	Audio (Tx)	MPEG4 AAC LD 64K	
	Audio (Rx)	MPEG4 AAC LD 64K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Test Name	Communication Type	Results	Comments
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

Codian MCU 4500 to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	4032	
	Actual rate (Kbps)	4032/4032	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 AnnexC 48K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 7fps	
	Receive DualVideo	H.264 XGA 7fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

Codian MCU 4500 to XT5000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	4032	
	Actual Bitrate (Tx/Rx)	1920/2048	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 AnnexC 48K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 7fps	
	Receive DualVideo	H.264 XGA 7fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Codian MCU 4500 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	2048/2048	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 AnnexC 48K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 7fps	
	Receive DualVideo	H.264 XGA 7fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Codian MCU 4500 - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual rate (Kbps)	1152/1152	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30	
	Audio (Tx)	G722.1 AnnexC 48K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 7fps	
	Receive DualVideo	H.264 XGA 7fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Codian MCU 4500 - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual rate (Kbps)	128/128	
	Video Coding (Tx)	H.264 w240p 416x240	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 448Kp 576x448K	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 AnnexC 24K	
	Audio (Rx)	G722.1 AnnexC 24K	
	Send DualVideo	H.264 720p 3fps	
	Receive DualVideo	H.264 XGA 7fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Codian MCU 4500 - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1920/1920	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 AnnexC 48K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 7fps	
	Receive DualVideo	H.264 XGA 7fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Codian MCU 4500 - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual rate (Kbps)	384/384	
	Video Coding (Tx)	H.264 352p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 XGA 1024x768	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 AnnexC 48K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 7fps	
	Receive DualVideo	H.264 XGA 7fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Codian MCU 4500 - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	512	
	Actual rate (Kbps)	512/512	
	Video Coding (Tx)	H.264 w48K0p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 AnnexC 48K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 7fps	
	Receive DualVideo	H.264 XGA 7fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Codian MCU 4500 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 AnnexC 48K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 7fps	
	Receive DualVideo	H.264 XGA 7fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

LifeSize Express to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	4000	
	Actual Bitrate (Tx/Rx)	3962/3968	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	4096	
	Actual Bitrate (Tx/Rx)	3913/3920	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

LifeSize Express to XT5000 SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	4000	
	Actual Bitrate (Tx/Rx)	4096/4096	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 annex C 48K	
	Audio (Rx)	G.722.1 annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 10 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✗	
	MUTE from remote	✗	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to LifeSize Express - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	4096/4096	
	Video Coding (Tx)	H.264,1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264,1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	4041/3926	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Express - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual Bitrate (Tx/Rx)	1152/1152	
	Video Coding (Tx)	H.264,720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 1632x920	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 10 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Express - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual Bitrate (Tx/Rx)	128/128	
	Video Coding (Tx)	H.264 w240p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 432x240	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 ANNEX C24K	
	Audio (Rx)	G722.1 ANNEX C32K	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Express - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264, 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 ANNEX C48K	
	Audio (Rx)	G722.1 ANNEX C48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 10 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Express - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual Bitrate (Tx/Rx)	384/384	
	Video Coding (Tx)	H.264,352P	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 912x512	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 ANNEX C48K	
	Audio (Rx)	G722.1 ANNEX C32K	
	Send DualVideo	H.264 720p 10 fps	
	Receive DualVideo	H.264 720p 10 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Express - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	512	
	Actual Bitrate (Tx/Rx)	512/512	
	Video Coding (Tx)	H.264 w48K0p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1056x592	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 ANNEX C48K	
	Audio (Rx)	G722.1 ANNEX C48K	
	Send DualVideo	H.264 720p 10 fps	
	Receive DualVideo	H.264 720p 10 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Express - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	4096/4096	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 ANNEX C48K	
	Audio (Rx)	G722.1 ANNEX C48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 10 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✗	
	MUTE from remote	✗	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 internal MCU to LifeSize Express - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 4SIF	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 15 fps	
	Receive DualVideo	H.264 720p 10 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1840/1822	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 4SIF	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 15 fps	
	Receive DualVideo	H.264 720p 10 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 internal MCU to LifeSize Express - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264, 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 4SIF	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 15 fps	
	Receive DualVideo	H.264 720p 10 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

LifeSize Passport to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	2000	
	Actual Bitrate (Tx/Rx)	1984/1984	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	2000	
	Actual Bitrate (Tx/Rx)	1984/1984	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

LifeSize Passport to XT5000 - SIP Calls Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	2000	
	Actual Bitrate (Tx/Rx)	1984/1984	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 10fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to LifeSize Passport - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	2048/2048	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	2048/2048	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Passport - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual rate (Kbps)	1152/1152	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Passport - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual rate (Kbps)	128/128	
	Video Coding (Tx)	H.264, w240p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 432x240	
	Rx FPS	15 fps	
	Audio (Tx)	G.722.1 Annex C 24K	
	Audio (Rx)	G.722.1 Annex C 32K	
	Send DualVideo	✗	After "dualvideo" command the TE change video source to DVI
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Passport - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1900/1920	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 30fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Passport - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual rate (Kbps)	384/384	
	Video Coding (Tx)	H.264, 352p	
	Tx FPS	30 fps	
	Video Coding (Rx)	h.264 720x400	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 32K	
	Send DualVideo	H.264 720p 6fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Passport - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	512	
	Actual rate (Kbps)	512/512	
	Video Coding (Tx)	H.264 w48K0p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w48K0p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 10fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to LifeSize Passport - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	2048/2048	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 Annex C 48K	
	Audio (Rx)	G.722.1 Annex C 48K	
	Send DualVideo	H.264 720p 10fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 internal MCU to LifeSize Passport - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 4SIF 704x480	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 annex C 48K	
	Audio (Rx)	G.722.1 annex C 48K	
	Send DualVideo	H.264 720p 30fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264, 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 4 SIF 704x480	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 annex C 48K	
	Audio (Rx)	G.722.1 annex C 48K	
	Send DualVideo	H.264 720p 30fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 internal MCU to LifeSize Passport - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264,720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, 4CIF 704X48K0	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 annex C 48K	
	Audio (Rx)	G.722.1 annex C 48K	
	Send DualVideo	H.264 720p 15fps	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

Polycom HDX 8000 to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	6144/6144	
	Video Coding (Tx)	H.264 HiP 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP 1080p	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6144/6144	
	Video Coding (Tx)	H.264 HiP 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP 1080p	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

Polycom HDX 8000 to XT5000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6144/6144	
	Video Coding (Tx)	H.264 HiP 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP 1080p	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 internal MCU to Polycom HDX 8000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 1080p 8fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 1080p 8fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 internal MCU to Polycom HDX 8000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G.722.1 annexC 48K	
	Audio (Rx)	G.722.1 annexC 48K	
	Send DualVideo	H.264 1080p 8fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Polycom HDX 8000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	6144/6144	
	Video Coding (Tx)	H.264 HiP 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP 1080p	
	Rx FPS	25 fps	
	Audio (Tx)	G.722.1 annexC 48K	
	Audio (Rx)	G.722.1 annexC 48K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6144/6144	
	Video Coding (Tx)	H.264 HiP 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP 1080p	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G.722.1 annexC 48K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom HDX 8000 - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual rate (Kbps)	1152/1152	
	Video Coding (Tx)	H.264 HiP,720p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 HiP,1080p	
	Rx FPS	25 fps	
	Audio (Tx)	G.722.1 annexC 48K	
	Audio (Rx)	G.722.1 annexC 48K	
	Send DualVideo	H.264 1080p 15fps	
	Receive DualVideo	H.264 1080p 15fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom HDX 8000 - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual rate (Kbps)	128/128	
	Video Coding (Tx)	H.264 HiP W288P	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP 4 CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G.722.1 annexC 24K	
	Audio (Rx)	G.722.1 annexC 24K	
	Send DualVideo	H.264 720p 3 fps	
	Receive DualVideo	H.264 720p 6 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom HDX 8000 - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1920/1920	
	Video Coding (Tx)	H.264 HiP,1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP,1080p	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 15 fps	
	Receive DualVideo	H.264 720p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom HDX 8000 - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual rate (Kbps)	384/384	
	Video Coding (Tx)	H.264 HiP W48K0P	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP 4 CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 1080p 3 fps	
	Receive DualVideo	H.264 720p 4 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom HDX 8000 - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	512	
	Actual rate (Kbps)	512/512	
	Video Coding (Tx)	H.264 HiP W720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP W720p	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 1080p 5 fps	
	Receive DualVideo	H.264 720p 5 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom HDX 8000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6144/6144	
	Video Coding (Tx)	H.264 HiP,1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP,1080p	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 1080p 15 fps	
	Receive DualVideo	H.264 1080p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

Polycom VSX 7000 to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1920/1920	
	Video Coding (Tx)	H263 CIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H263 CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H263+, XGA 7 fps	
	Receive DualVideo	H263+, XGA 5 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H263 CIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H263CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H263+, XGA 7 fps	
	Receive DualVideo	H263+, XGA 5 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

Polycom VSX 7000 to XT5000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H263 CIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H263 CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	✓	
	FECC from remote	✓	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Polycom VSX 7000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	1920/1920	
	Video Coding (Tx)	H263 CIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H263 CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H263+, XGA 7 fps	
	Receive DualVideo	H263+, XGA 5 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H263 CIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H263CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H263+, XGA 7 fps	
	Receive DualVideo	H263+, XGA 5 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom VSX 7000 - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual rate (Kbps)	1152/1152	
	Video Coding (Tx)	H263, CIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H263, CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H263+, XGA 7 fps	
	Receive DualVideo	H263+, XGA 5 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom VSX 7000 - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual rate (Kbps)	128/128	
	Video Coding (Tx)	H.264,SIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264,CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 24K	
	Audio (Rx)	G722.1 annex C 24K	
	Send DualVideo	H263+, XGA 3 fps	
	Receive DualVideo	H263+, XGA 1 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom VSX 7000 - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1920/1920	
	Video Coding (Tx)	H263 CIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H263 CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H263+, XGA 7 fps	
	Receive DualVideo	H263+, XGA 5 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom VSX 7000 - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual rate (Kbps)	384/384	
	Video Coding (Tx)	H.264, SIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H263+, XGA 6 fps	
	Receive DualVideo	H263+, XGA 3 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Polycom VSX 7000 - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	512	
	Actual rate (Kbps)	512/512	
	Video Coding (Tx)	H.264, SIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264, CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H263+, XGA 7 fps	
	Receive DualVideo	H263+, XGA 3 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 internal MCU to Polycom VSX 7000 - H.323 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1920/1920	
	Video Coding (Tx)	H263, CIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H263, CIF	
	Rx FPS	25 F fpsPS	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H263+, XGA 4 fps	
	Receive DualVideo	H263+, XGA 1 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Polycom VSX 7000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H263,CIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H263,CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	✓	
	FECC from remote	✓	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 internal MCU to Polycom VSX 7000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1920/1920	
	Video Coding (Tx)	H263, CIF	
	Tx FPS	30 fps	
	Video Coding (Rx)	H263, CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	✓	
	FECC from remote	✓	
	MUTE	N/A	
	MUTE from remote	N/A	

Radvision MCU ELITE 6000 to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	2048	
	Actual rate (Kbps)	2048\2048	
	Video Coding (Tx)	H.264 HiP SVC 1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 HiP SVC 1080p	
	Rx FPS	60 fps	
	Audio (Tx)	G.722.1 annex C 48K	
	Audio (Rx)	G.722.1 annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 30 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	2048	
	Actual Bitrate (Tx/Rx)	2048\2048	
	Video Coding (Tx)	H.264 HiP SVC 1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 HiP SVC 1080p	
	Rx FPS	60 fps	
	Audio (Tx)	G.722.1 annex C 48K	
	Audio (Rx)	G.722.1 annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 30 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

Radvision MCU ELITE 6000 to XT5000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	2048	
	Actual Bitrate (Tx/Rx)	2048\2048	
	Video Coding (Tx)	H.264 HiP SVC 1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 HiP SVC 1080p	
	Rx FPS	60 fps	
	Audio (Tx)	G.722.1 annex C 48K	
	Audio (Rx)	G.722.1 annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 30 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE 6000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	2048\2048	
	Video Coding (Tx)	H.264 HiP SVC 1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 HiP SVC 1080p	
	Rx FPS	60 fps	
	Audio (Tx)	G.722.1 annex C 48K	
	Audio (Rx)	G.722.1 annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 30 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	2048\2048	
	Video Coding (Tx)	H.264 HiP SVC 1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 HiP SVC 1080p	
	Rx FPS	60 fps	
	Audio (Tx)	G.722.1 annex C 48K	
	Audio (Rx)	G.722.1 annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 30 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE 6000 - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual rate (Kbps)	1152/1152	
	Video Coding (Tx)	H.264 HiP SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 11 fps	
	Receive DualVideo	H.264 720p 11 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE 6000 - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual rate (Kbps)	128/128	
	Video Coding (Tx)	H.264 HiP SVC w288p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP SVC w240p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 24K	
	Audio (Rx)	G.722.1 32K	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE 6000 - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1920/1920	
	Video Coding (Tx)	H.264 HiP SVC 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP SVC 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 1080p 30 fps	
	Receive DualVideo	H.264 1080p 30 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE 6000 - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual rate (Kbps)	384/384	
	Video Coding (Tx)	H.264 HiP SVC w480p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP SVC w480p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 6 fps	
	Receive DualVideo	H.264 720p 6 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE 6000 - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	512	
	Actual rate (Kbps)	512/512	
	Video Coding (Tx)	H.264 HiP SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 6 fps	
	Receive DualVideo	H.264 720p 6 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE 6000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	2048/2048	
	Video Coding (Tx)	H.264 HiP SVC 1080p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 HiP SVC 1080p	
	Rx FPS	60 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 30 fps	
	Receive DualVideo	H.264 720p 30 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

Radvision MCU ELITE to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	2048	
	Actual rate (Kbps)	2048/2048	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 5 fps	
	Receive DualVideo	H.264 720p 5 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	2048	
	Actual Bitrate (Tx/Rx)	2048/2048	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 5 fps	
	Receive DualVideo	H.264 720p 5 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

Radvision MCU ELITE to XT5000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	2048	
	Actual Bitrate (Tx/Rx)	2048/2048	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 5 fps	
	Receive DualVideo	H.264 720p 5 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Radvision - MCU ELITE H. 323

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	2048/2048	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 5 fps	
	Receive DualVideo	H.264 720p 5 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	2048/2048	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 5 fps	
	Receive DualVideo	H.264 720p 5 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual rate (Kbps)	1152/1152	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 SVC 720p 5fps	
	Receive DualVideo	H.264 SVC 720p 5fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual rate (Kbps)	128/128	
	Video Coding (Tx)	H.264 SVC w240p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC CIF	
	Rx FPS	15 fps	
	Audio (Tx)	G722.1 annex C 24K	
	Audio (Rx)	G722.1 annex C 32K	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1920/1920	
	Video Coding (Tx)	H.264 HiP SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 5 fps	
	Receive DualVideo	H.264 720p 5 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual rate (Kbps)	384/384	
	Video Coding (Tx)	H.264 HiP SVC 352p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP SVC 352p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 5 fps	
	Receive DualVideo	H.264 720p 5 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	512	
	Actual rate (Kbps)	512/512	
	Video Coding (Tx)	H.264 HiP SVC w480p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP SVC w480p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 5 fps	
	Receive DualVideo	H.264 720p 5 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 to Radvision MCU ELITE - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	2048/2048	
	Video Coding (Tx)	H.264 HiP SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 HiP SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G722.1 annex C 48K	
	Audio (Rx)	G722.1 annex C 48K	
	Send DualVideo	H.264 720p 5 fps	
	Receive DualVideo	H.264 720p 5 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

Radvision VC240 to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Tx/Rx)	1920/1952	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 32K	
	Audio (Rx)	G.722.1 32K	
	Send DualVideo	H.264 720p 11 fps	
	Receive DualVideo	H.264 720p 2 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

Radvision VC240 to XT5000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 32K	
	Audio (Rx)	G.722.1 32K	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 internal MCU to Radvision VC240 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 800x448	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 32K	
	Audio (Rx)	G.722.1 32K	
	Send DualVideo	H.264 720p 11 fps	
	Receive DualVideo	H.264 720p 4 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 internal MCU to Radvision VC240 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1920/1920	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 800x448	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 32K	
	Audio (Rx)	G.711 ALaw 64K	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Radvision VC240 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	1952/1952	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 32K	
	Audio (Rx)	G.722.1 32K	
	Send DualVideo	H.264 720p 11 fps	
	Receive DualVideo	H.264 720p 4 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Radvision VC240 - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual rate (Kbps)	1152/1152	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 32k	
	Audio (Rx)	G.722.1 32k	
	Send DualVideo	H.264 720p 11 fps	
	Receive DualVideo	H.264 720p 2 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Radvision VC240 - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual rate (Kbps)	128/128	
	Video Coding (Tx)	H.264 SVC w240p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC CIF	
	Rx FPS	15 fps	
	Audio (Tx)	G.722.1 24K	
	Audio (Rx)	G.722.1 32K	
	Send DualVideo	H.264 720p 3 fps	
	Receive DualVideo	H.264 720p 1 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Radvision VC240 - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1920/1920	
	Video Coding (Tx)	H.264 SVC 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 32K	
	Audio (Rx)	G.722.1 32K	
	Send DualVideo	H.264 720p 11 fps	
	Receive DualVideo	H.264 720p 4 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Radvision VC240 - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual rate (Kbps)	384/384	
	Video Coding (Tx)	H.264 SVC 352p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC w480p	
	Rx FPS	20 fps	
	Audio (Tx)	G.722.1 32K	
	Audio (Rx)	G.722.1 32K	
	Send DualVideo	H.264 720p 6 fps	
	Receive DualVideo	H.264 720p 1 fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Radvision VC240 - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	512	
	Actual rate (Kbps)	512/512	
	Video Coding (Tx)	H.264 SVC w480p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 SVC w480p	
	Rx FPS	30 fps	
	Audio (Tx)	G.722.1 32k	
	Audio (Rx)	G.722.1 32k	
	Send DualVideo	H.264 720p 11fps	
	Receive DualVideo	H.264 720p 2fps	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Radvision VC240 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

Radvision XT1000 to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6080/6080	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 30 fps	
	Receive DualVideo	H.264 1080p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6080/6080	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 30 fps	
	Receive DualVideo	H.264 1080p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

Radvision XT1000 to XT5000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6080/6080	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 30 fps	
	Receive DualVideo	H.264 1080p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6080/6080	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 30 fps	
	Receive DualVideo	H.264 1080p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Radvision XT1000 - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual Bitrate (Tx/Rx)	1088/1088	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 720p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 30 fps	
	Receive DualVideo	H.264 1080p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Radvision XT1000 - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual Bitrate (Tx/Rx)	104/104	
	Video Coding (Tx)	H.264 w240p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w240p	
	Rx FPS	15 fps	
	Audio (Tx)	G722.1 annex C 24K	
	Audio (Rx)	G722.1 annex C 24K	
	Send DualVideo	H.264 1080p 3 fps	
	Receive DualVideo	H.264 1080p 3 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Radvision XT1000 - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856/1856	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 15 fps	
	Receive DualVideo	H.264 1080p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Radvision XT1000 - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual Bitrate (Tx/Rx)	320/320	
	Video Coding (Tx)	H.264 w352p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 3 fps	
	Receive DualVideo	H.264 1080p 6 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Radvision XT1000 - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	512	
	Actual Bitrate (Tx/Rx)	448/448	
	Video Coding (Tx)	H.264 w480p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w576p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 6 fps	
	Receive DualVideo	H.264 1080p 9 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Radvision XT1000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6080/6080	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 30 fps	
	Receive DualVideo	H.264 1080p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6080/6080	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 30 fps	
	Receive DualVideo	H.264 1080p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Radvision XT1000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6080/6080	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 30 fps	
	Receive DualVideo	H.264 1080p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	6080/6080	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 30 fps	
	Receive DualVideo	H.264 1080p 30 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 internal MCU to Radvision XT1000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856/1856	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 15 fps	
	Receive DualVideo	H.264 1080p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856/1856	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 15 fps	
	Receive DualVideo	H.264 1080p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 internal MCU to Radvision XT1000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856/1856	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 15 fps	
	Receive DualVideo	H.264 1080p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856/1856	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	30 fps	
	Audio (Tx)	G719 64K	
	Audio (Rx)	G719 64K	
	Send DualVideo	H.264 1080p 15 fps	
	Receive DualVideo	H.264 1080p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	

Tandberg 1500 MXP to XT5000 - H.323 Call details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1856/1856	
	Video Coding (Tx)	H.264 w448p	
	Tx FPS	25 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H263+, XGA 7 fps	
	Receive DualVideo	H263+, XGA 3 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856/1856	
	Video Coding (Tx)	H.264 w448p	
	Tx FPS	25 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H263+, XGA 7 fps	
	Receive DualVideo	H263+, XGA 3 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

Tandberg 1500 MXP to XT5000 - SIP Call details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856\1856	
	Video Coding (Tx)	H.264 w448p	
	Tx FPS	25 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 internal MCU to Tandberg 1500 MXP - H.323 Call details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856/1856	
	Video Coding (Tx)	H264 w448p	
	Tx FPS	10 fps	
	Video Coding (Rx)	H264 448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H263+ XGA 7 fps	
	Receive DualVideo	H263+ XGA 3 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856/1856	
	Video Coding (Tx)	H264 w448p	
	Tx FPS	10 fps	
	Video Coding (Rx)	H264 448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H263+ XGA 7 fps	
	Receive DualVideo	H263+ XGA 3 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 internal MCU to Tandberg 1500 MXP - SIP Call details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856/1856	
	Video Coding (Tx)	H264 w448p	
	Tx FPS	25 fps	
	Video Coding (Rx)	H264 448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Tandberg 1500 MXP - H. 323 Call details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	1856\1856	
	Video Coding (Tx)	H264 w448p	
	Tx FPS	25 fps	
	Video Coding (Rx)	H264 448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H263+ XGA 7 fps	
	Receive DualVideo	H263+ XGA 3 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	1856\1856	
	Video Coding (Tx)	H264 w448p	
	Tx FPS	25 fps	
	Video Coding (Rx)	H264 448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H263+ XGA 7 fps	
	Receive DualVideo	H263+ XGA 3 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg 1500 MXP - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual rate (Kbps)	1088/1088	
	Video Coding (Tx)	H264 w448p	
	Tx FPS	25 fps	
	Video Coding (Rx)	H264 448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H263+ XGA 7 fps	
	Receive DualVideo	H263+ XGA 3 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg 1500 MXP - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual rate (Kbps)	104/104	
	Video Coding (Tx)	H264 w240p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H264 CIF	
	Rx FPS	25 fps	
	Audio (Tx)	G722.1 24k	
	Audio (Rx)	G722.1 24k	
	Send DualVideo	H263+ XGA 3 fps	
	Receive DualVideo	H263+ XGA 1 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg 1500 MXP - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1856\1856	
	Video Coding (Tx)	H264 w448p	
	Tx FPS	25 fps	
	Video Coding (Rx)	H264 448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H263+ XGA 7 fps	
	Receive DualVideo	H263+ XGA 3 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg 1500 MXP - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual rate (Kbps)	320/320	
	Video Coding (Tx)	H264 352p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H264 448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H263+ XGA 7 fps	
	Receive DualVideo	H263+ XGA 2 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg 1500 MXP - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non- Encrypted	Nominal Bitrate (Kbps)	512	
	Actual rate (Kbps)	448/448	
	Video Coding (Tx)	H.264 w480p	
	Tx FPS	25 fps	
	Video Coding (Rx)	H.264 448p	
	Rx FPS	25 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H263+ XGA 7 fps	
	Receive DualVideo	H263+ XGA 3 fps	
	FECC	N/A	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg 1500 MXP - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	X	bug 16828
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

Tandberg C20 to XT5000 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6000	
	Actual rate (Kbps)	5888\5936	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 16 fps	
	Receive DualVideo	H.264 720p 16 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6000	
	Actual Bitrate (Tx/Rx)	5888\5936	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 16 fps	
	Receive DualVideo	H.264 720p 16 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

Tandberg C20 to XT5000 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6000	
	Actual Bitrate (Tx/Rx)	2064/5936	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 16 fps	
	Receive DualVideo	H.264 720p 16 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 internal MCU to Tandberg C20 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856\1856	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 15 fps	
	Receive DualVideo	H.264 720p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856\1856	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 15 fps	
	Receive DualVideo	H.264 720p 15 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	

XT5000 internal MCU to Tandberg C20 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual Bitrate (Tx/Rx)	1856\1856	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 8 fps	
	Receive DualVideo	H.264 720p 8 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	N/A	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Tandberg C20 - SIP Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	2064/5936	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 16 fps	
	Receive DualVideo	H.264 720p 16 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	N/A	
	Actual Bitrate (Tx/Rx)	N/A	
	Video Coding (Tx)	N/A	
	Tx FPS	N/A	
	Video Coding (Rx)	N/A	
	Rx FPS	N/A	
	Audio (Tx)	N/A	
	Audio (Rx)	N/A	
	Send DualVideo	N/A	
	Receive DualVideo	N/A	
	FECC	N/A	
	FECC from remote	N/A	
	MUTE	N/A	
	MUTE from remote	N/A	

XT5000 to Tandberg C20 - H.323 Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual rate (Kbps)	5888\5936	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 16 fps	
	Receive DualVideo	H.264 720p 16 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	
Encrypted	Nominal Bitrate (Kbps)	6144	
	Actual Bitrate (Tx/Rx)	5888\5936	
	Video Coding (Tx)	H.264 1080p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 1080p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 16 fps	
	Receive DualVideo	H.264 720p 16 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg C20 - H.323 1152 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1152	
	Actual rate (Kbps)	1088/1088	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 720p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 16 fps	
	Receive DualVideo	H.264 720p 16 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg C20 - H.323 128 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	128	
	Actual rate (Kbps)	104/104	
	Video Coding (Tx)	H.264 w240p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w288p	
	Rx FPS	20 fps	
	Audio (Tx)	G722.1 24k	
	Audio (Rx)	G722.1 24k	
	Send DualVideo	H.264 720p 3 fps	
	Receive DualVideo	H.264 720p 3 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg C20 - H.323 1920 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	1920	
	Actual rate (Kbps)	1856\1856	
	Video Coding (Tx)	H.264 720p	
	Tx FPS	60 fps	
	Video Coding (Rx)	H.264 720p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 16 fps	
	Receive DualVideo	H.264 720p 16 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg C20 - H.323 384 kbps Call Details

Test Name	Communication Type	Results	Comments
Non-Encrypted	Nominal Bitrate (Kbps)	384	
	Actual rate (Kbps)	320/320	
	Video Coding (Tx)	H.264 352p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w288p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 6 fps	
	Receive DualVideo	H.264 720p 6 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

XT5000 to Tandberg C20 - H.323 512 kbps Call Details

Test Name	Communication Type	Results	Comments
Non- Encrypted	Nominal Bitrate (Kbps)	512	
	Actual rate (Kbps)	448\448	
	Video Coding (Tx)	H.264 w480p	
	Tx FPS	30 fps	
	Video Coding (Rx)	H.264 w448p	
	Rx FPS	30 fps	
	Audio (Tx)	MPEG4 AAC-LD 64K	
	Audio (Rx)	MPEG4 AAC-LD 64K	
	Send DualVideo	H.264 720p 10 fps	
	Receive DualVideo	H.264 720p 10 fps	
	FECC	✓	
	FECC from remote	✓	
	MUTE	✓	
	MUTE from remote	✓	

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