

Teams Call Automated Report

2026-02-20-11-12-07



Objective:

The objective is to conduct automated Teams call tests across multiple laptops to gather statistics on sent audio, video, and received audio, video performance. The test will collect these statistics and store them in a CSV file. Additionally, automated graphs will be generated using the collected data.

Test Parameters:

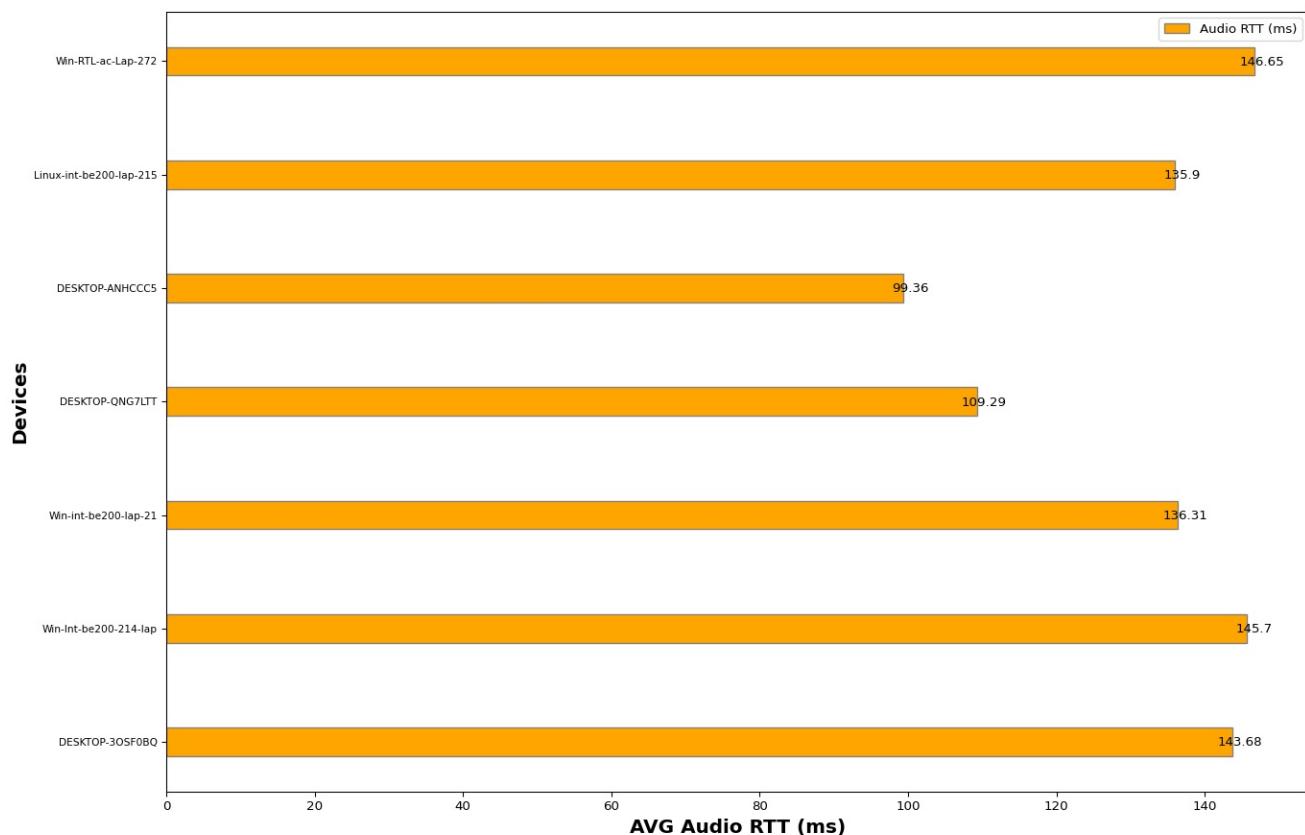
No of Clients	Test Duration(min)	HOST	TEST TYPE
W(6),L(1),M(0)	1	1.272.wlan0	AUDIO & VIDEO

Test Devices:

Hostname	OS Type
Win-RTL-ac-Lap-272	windows
DESKTOP-ANHCCC5	windows
DESKTOP-QNG7LTT	windows
Win-Int-be200-214-lap	windows
Win-int-be200-lap-21	windows
DESKTOP-3OSF0BQ	windows
Linux-int-be200-lap-215	linux

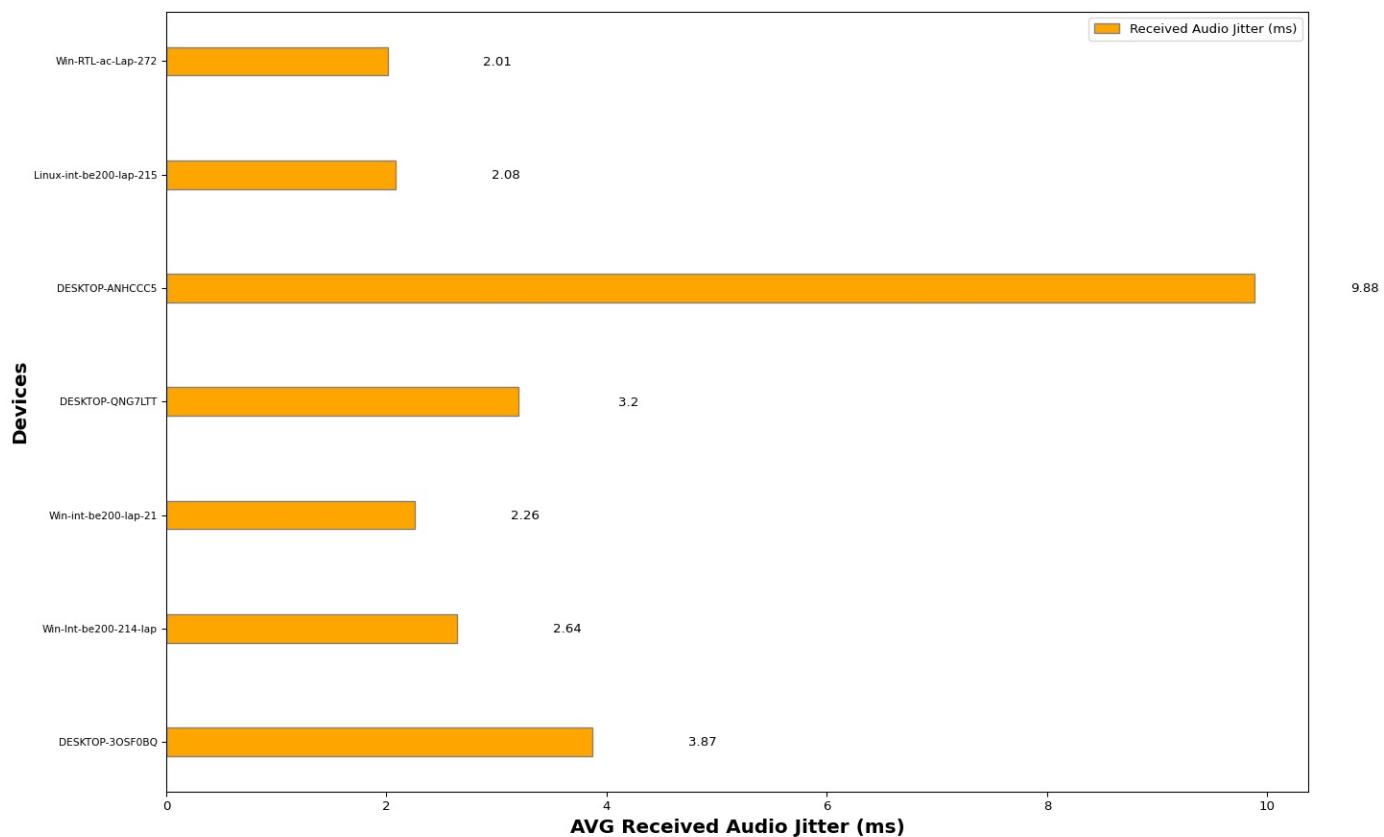
Average Audio RTT (ms)

AVG Audio RTT (ms) Per Device



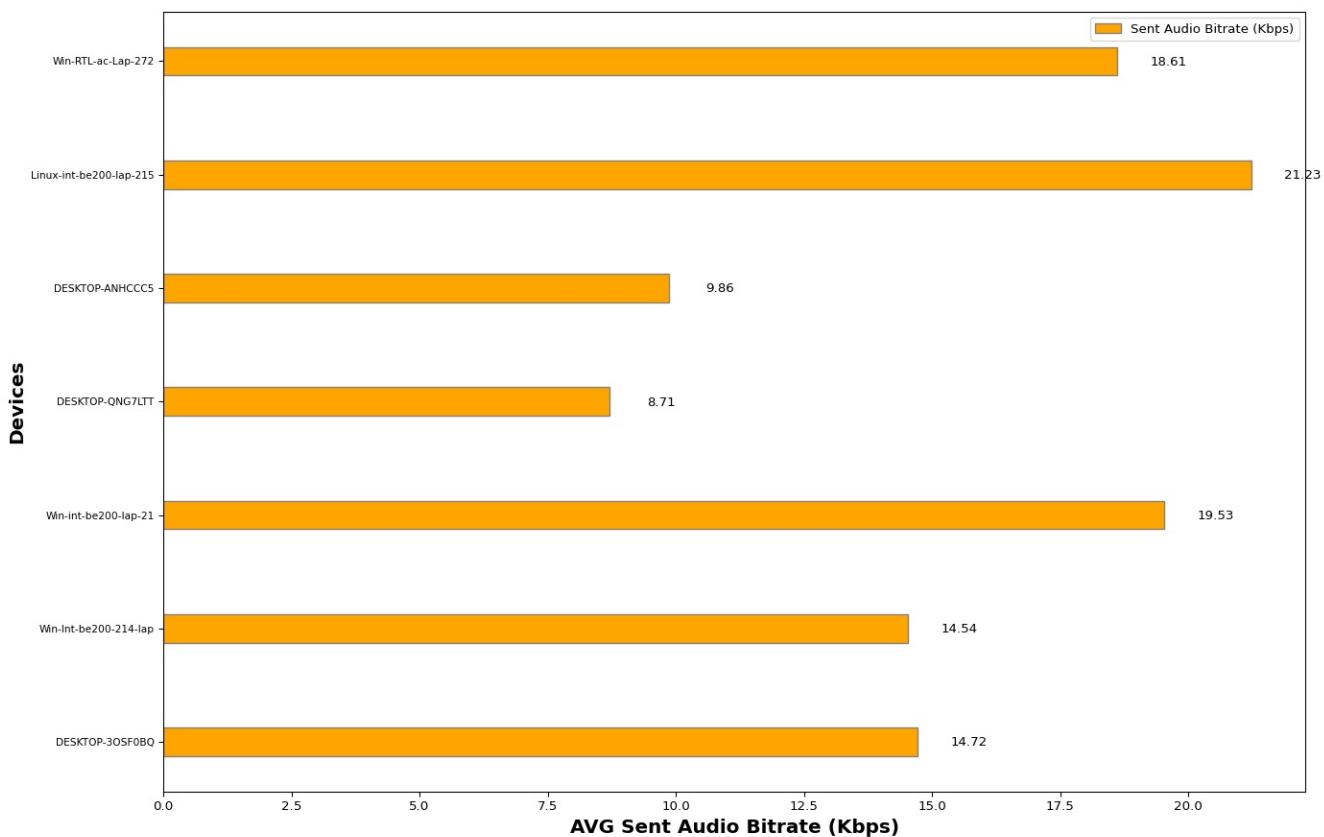
Average Received Audio Jitter (ms)

AVG Received Audio Jitter (ms) Per Device



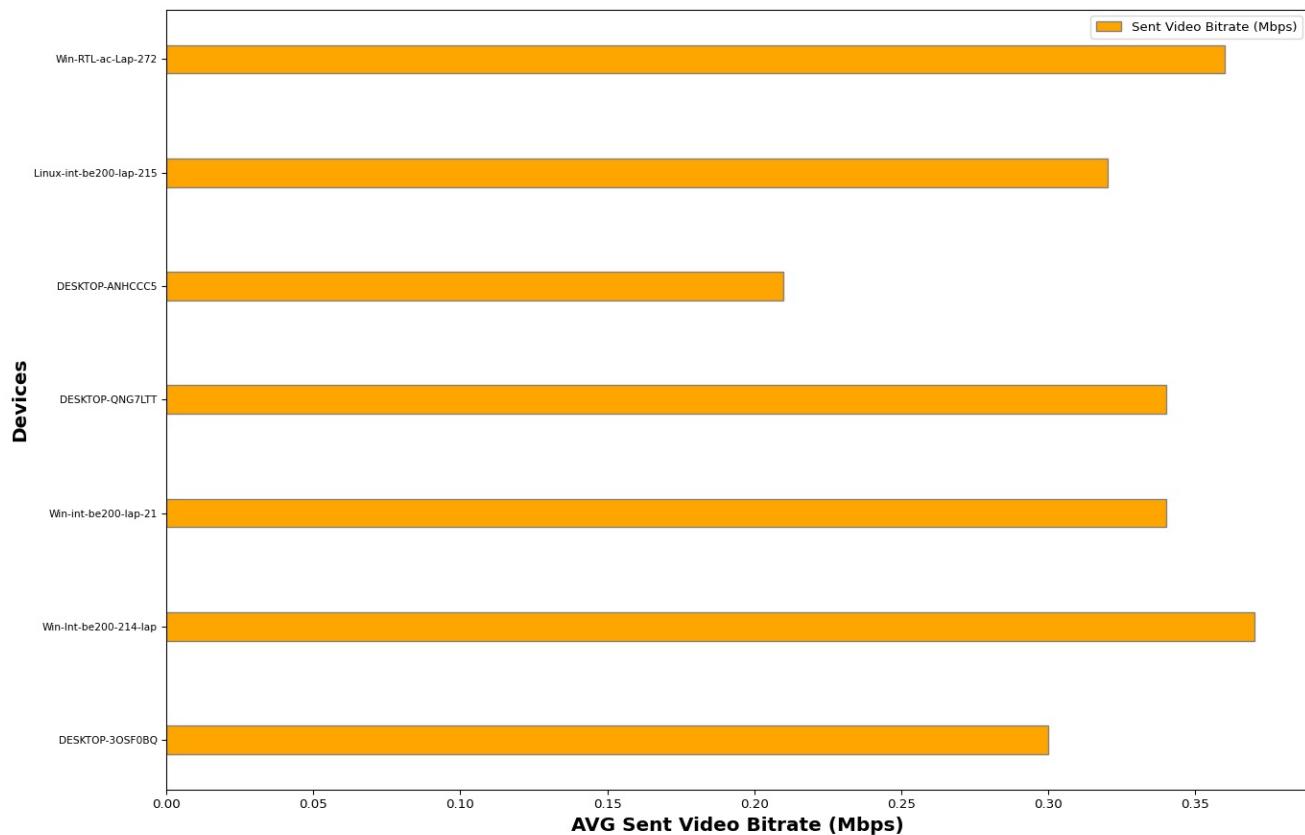
Average Sent Audio Bitrate (Kbps)

AVG Sent Audio Bitrate (Kbps) Per Device



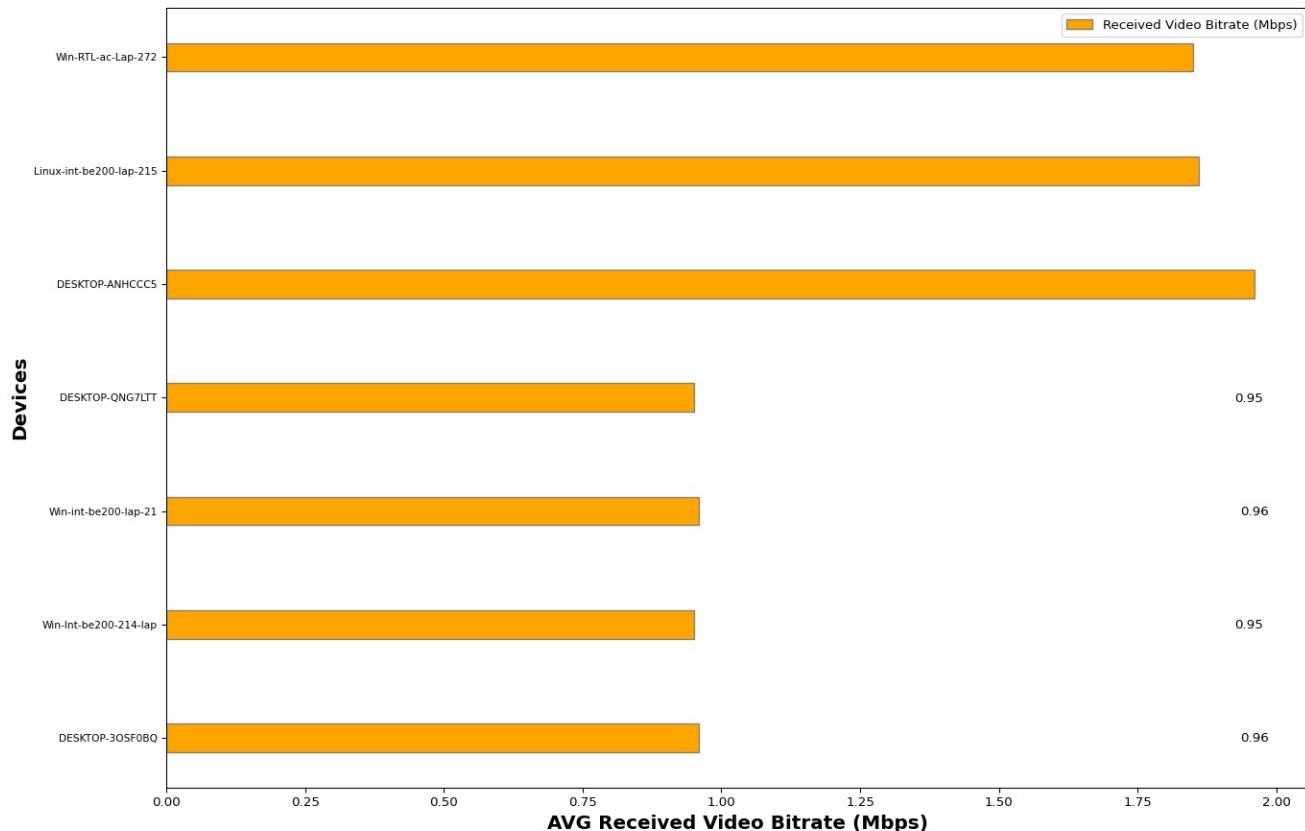
Average Sent Video Bitrate (Mbps)

AVG Sent Video Bitrate (Mbps) Per Device



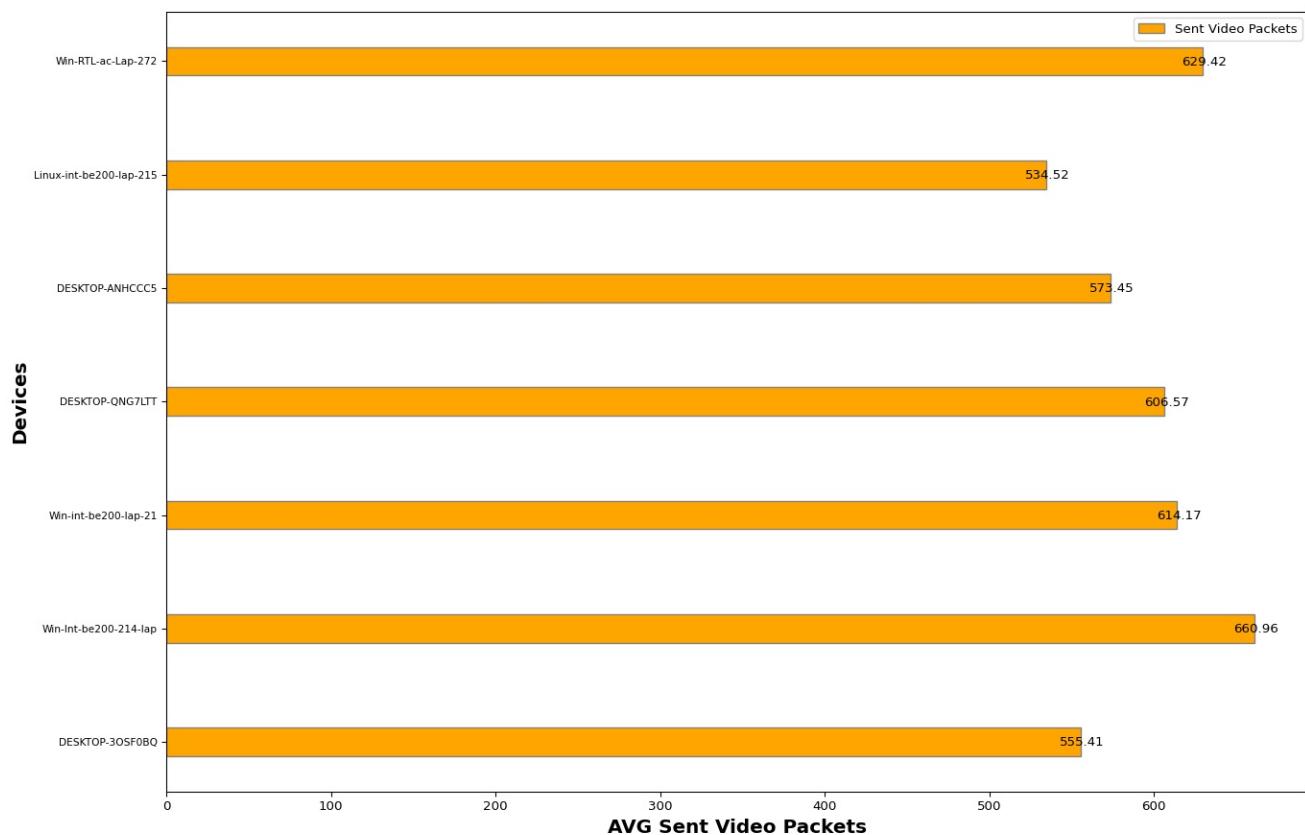
Average Received Video Bitrate (Mbps)

AVG Received Video Bitrate (Mbps) Per Device



Average Sent Video Packets

AVG Sent Video Packets Per Device



Test Audio Results Table

Device Name	AVG Sent Audio Bitrate (Kbps)	AVG Sent Audio Packets	AVG Audio RTT (ms)	AVG Received Audio Jitter (ms)	AVG Received Audio Packet Loss (%)
DESKTOP-3OSF0BQ	14.72	453.32	143.68	3.87	0.0
Win-Int-be200-214-lap	14.54	467.11	145.70	2.64	0.0
Win-int-be200-lap-21	19.53	519.34	136.31	2.26	0.0
DESKTOP-QNG7LTT	8.71	290.71	109.29	3.20	0.0
DESKTOP-ANHCC5	9.86	319.64	99.36	9.88	0.0
Linux-int-be200-lap-215	21.23	559.10	135.90	2.08	0.0
Win-RTL-ac-Lap-272	18.61	542.38	146.65	2.01	0.0

Test Video Results Table

Device Name	AVG Sent Video Bitrate (Mbps)	AVG Received Video Bitrate (Mbps)	AVG Sent Video Frame Rate (fps)	AVG Video RTT (ms)	AVG Sent Video Packets
DESKTOP-3OSF0BQ	0.30	0.96	14.36	0.0	555.41
Win-Int-be200-214-lap	0.37	0.95	15.00	0.0	660.96
Win-int-be200-lap-21	0.34	0.96	15.00	0.0	614.17
DESKTOP-QNG7LTT	0.34	0.95	14.79	0.0	606.57

DESKTOP-ANHCCC5	0.21	1.96	10.36	0.0	573.45
Linux-int-be200-lap-215	0.32	1.86	14.03	0.0	534.52
Win-RTL-ac-Lap-272	0.36	1.85	15.00	0.0	629.42