

Antenna Gain Test Report

Test Date: 4/29/26-6/24/26

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1. General Information

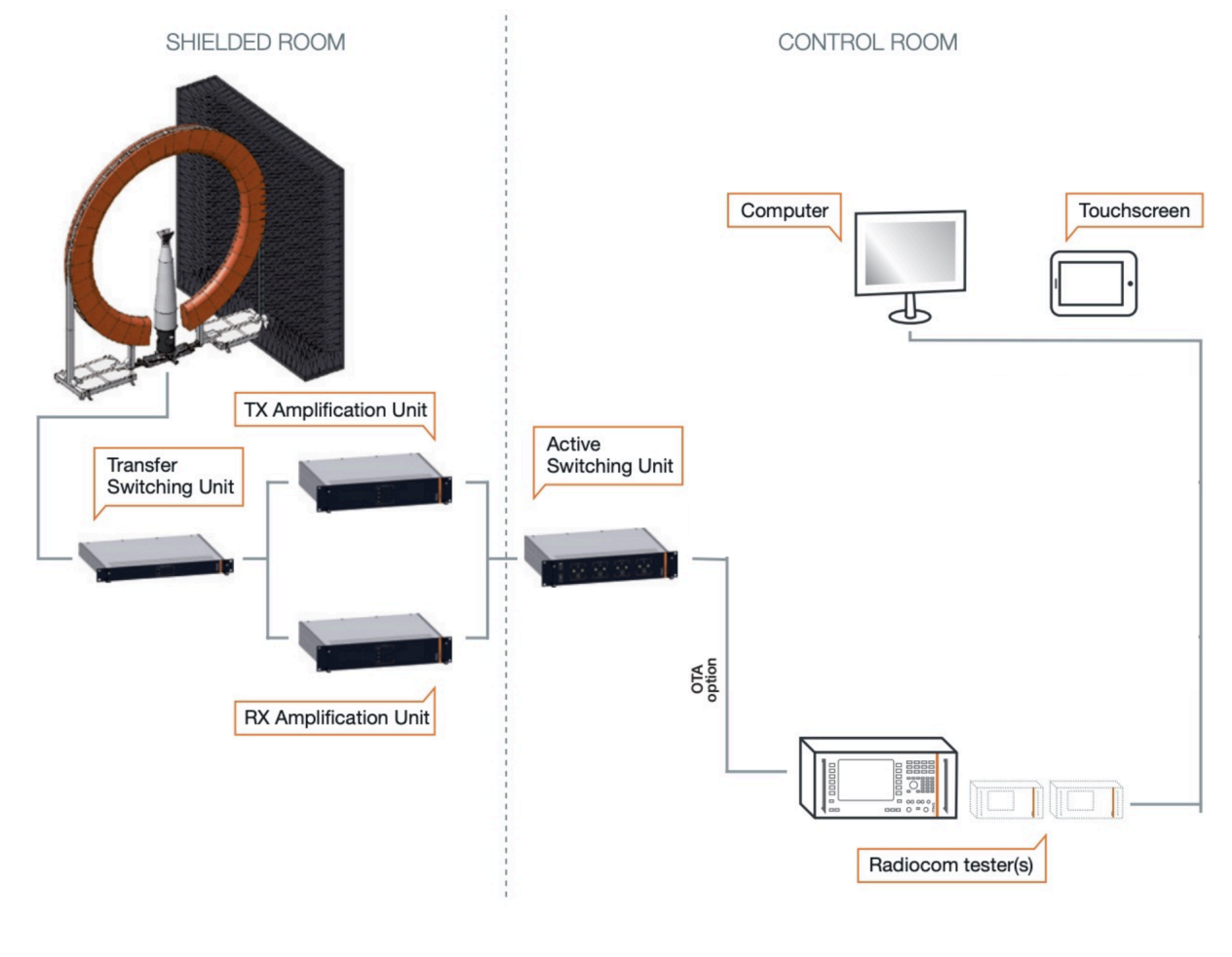
The purpose of this report is to demonstrate compliance to the FCC Part 15 Antenna requirement.

2. Chamber information

Multi-probe fully anechoic OTA chamber, MVG system model: SG64.

Chamber pathloss calibration is per CTIA test plan v3.9.5 Section 4 Range Reference Requirements.

Chamber Location: Meta Lab at Fremont 6422



3. Commercial Test Software

Test software is from MVG, Wave Studio v2024.2.8

4. Test Equipment

Equipment	Calibration Due Date
MVG Multi-probe Fully anechoic OTA Chamber	March 3, 2027
CMW 500	August 8, 2026

Note: OTA Chamber was audited routinely to ensure accurate results and a 2 year calibration cycle.

5. Antenna Test Method

Measurement parameters follow Meta's validated active OTA antenna measurement procedure. Measurements were performed in an MVG SG64 multi-probe fully anechoic chamber using a full-sphere 3D pattern measurement.

Active antenna measurement Steps:

- 1) DUT placed in free-space inside an anechoic chamber.
- 2) DUT establishes a connection with a communication call box.
- 3) EIRP are measured with maximum 15 degree step size at each probe position 0 degree – 360 degrees with respect to the turntable position from 0-180 degrees for a full 3D pattern measurement.
- 4) Data and all pathloss will be processed by MVG Wave Studio.
- 5) Peak EIRP – Conducted power = Peak Antenna gain.
- 6) Repeat Step 2 to 5 for each testing channel/frequency.

6. Antenna Gain Results and Plots

Refer to Exhibit A for antenna gain results and plots.

7. Antenna Photo

Refer to Exhibit B for Antenna information and photo.

Exhibit A - Gain Results and Plots

WORST-CASE GAIN BY BAND (dBi)		
Band	Freq Range	Worst Case
BT 2.4 GHz	2400-2484 MHz	4.00

Antenna 2D Total Gain Plots (Phi cut with peak gain):
BT 2.4GHz

