

Antenna Information

Section 1. Antenna Assembly Specifications

1A	1B	1C	1D	1E
Antenna Model Number	Manufacturer	Antenna Type	Freq Range MHz	* Peak Gain (dBi)
N1ZYYY000459 Main Antenna	Panasonic Connect Co., Ltd. ytv Kyobashi Building, 2-2-33 Shiromi, Chuo-ku, Osaka 540-8553, Japan	PIFA	2400-2483.5	2.62
			5150-5250	3.36
			5250-5350	3.58
			5470-5725	4.19
			5725-5850	3.81
			5850-5895	2.82
			5925-6425	3.68
			6425-6525	1.87
			6525-6875	4.75
			6875-7125	4.75
N1ZYYY000465 Aux Antenna	Panasonic Connect Co., Ltd. ytv Kyobashi Building, 2-2-33 Shiromi, Chuo-ku, Osaka 540-8553, Japan	PIFA	2400-2483.5	2.56
			5150-5250	2.27
			5250-5350	1.51
			5470-5725	3.55
			5725-5850	2.57
			5850-5895	2.72
			5925-6425	3.82
			6425-6525	2.97
			6525-6875	2.29
			6875-7125	1.56

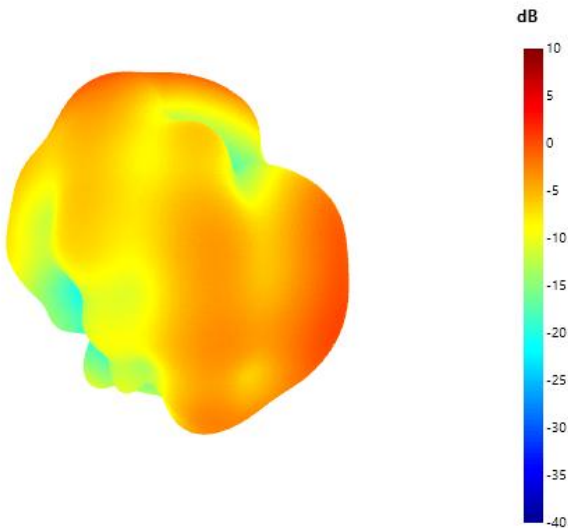
* 3D Antenna Peak Gain required being test in system basis. Peak gain includes loss of the RF cable connected to the wireless module.

Section 2. Radiation characteristics of antenna loaded in Host Platform

Main Antenna

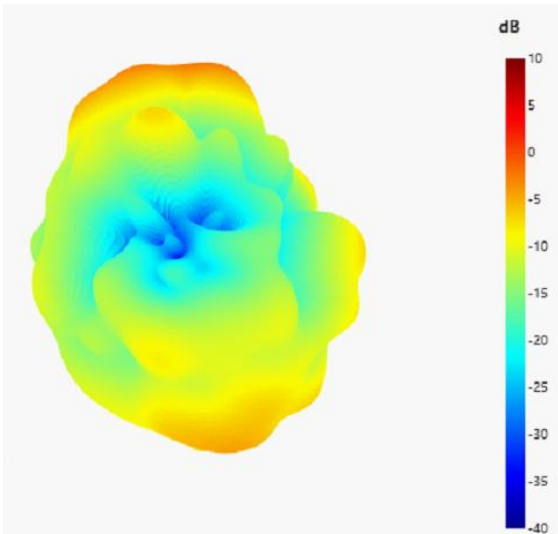
Max Antenna 3D Radiation Pattern 2400 – 2483.5 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
2400-2483.5	2.62



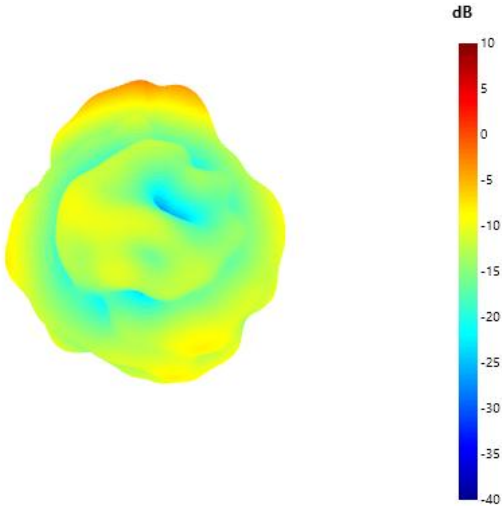
Max Antenna 3D Radiation Pattern 5150-5250 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5150-5250	3.36



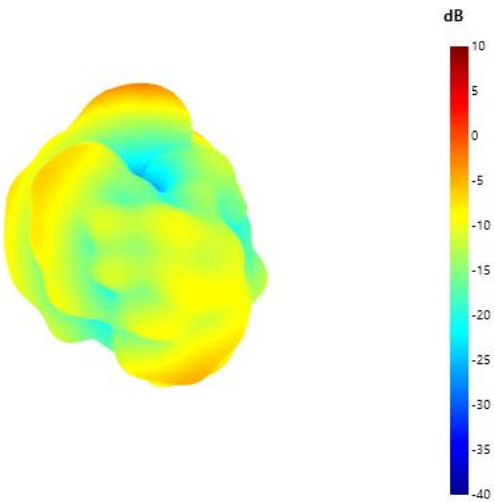
Max Antenna 3D Radiation Pattern 5250-5350 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5250-5350	3.58



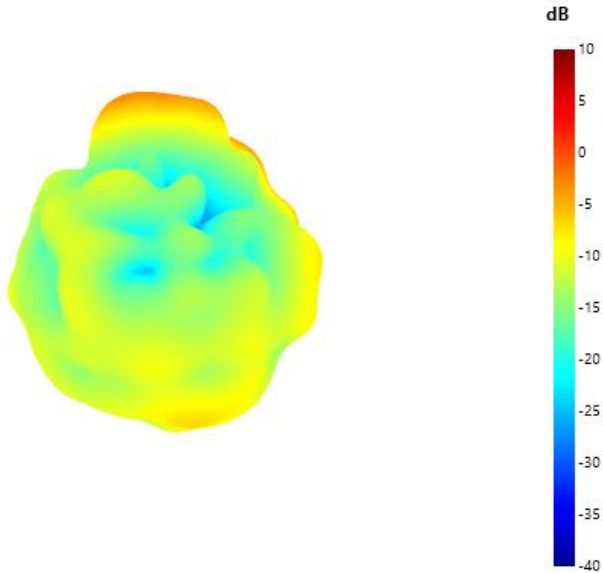
Max Antenna 3D Radiation Pattern 5470-5725 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5470-5725	4.19



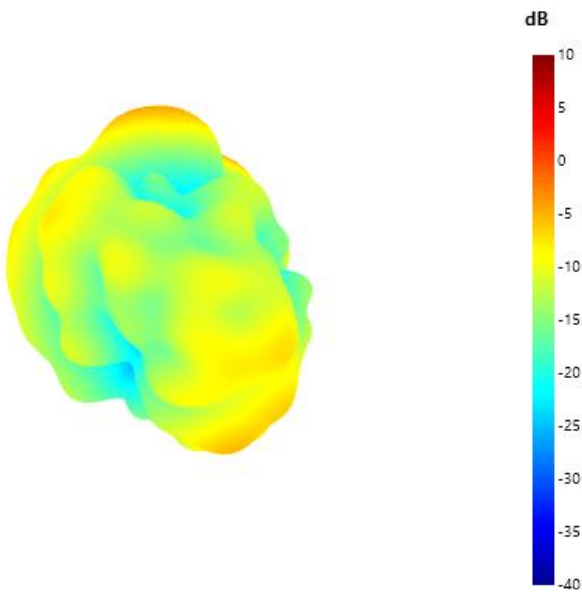
Max Antenna 3D Radiation Pattern 5725-5850 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5725-5850	3.81



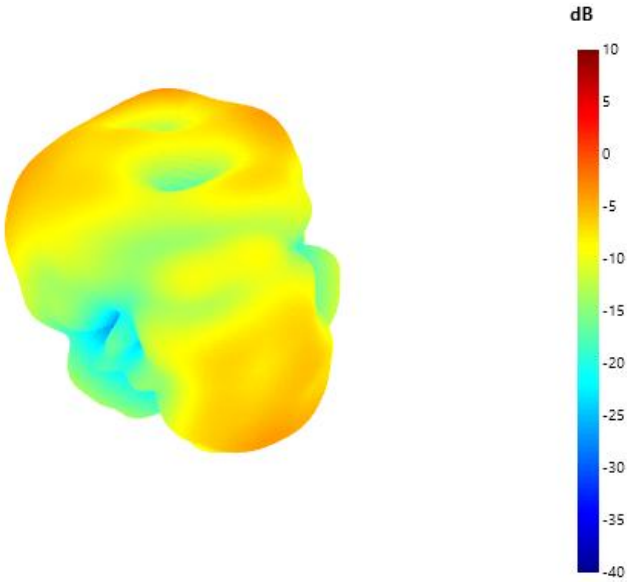
Max Antenna 3D Radiation Pattern 5850-5895 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5850-5895	2.82



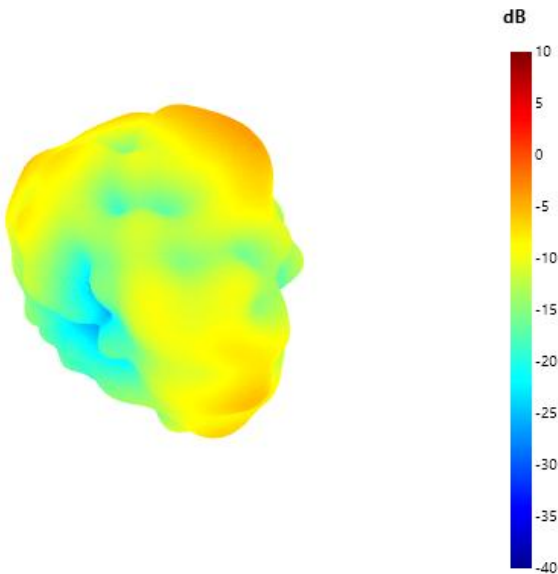
Max Antenna 3D Radiation Pattern 5925-6425 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5925-6425	3.68



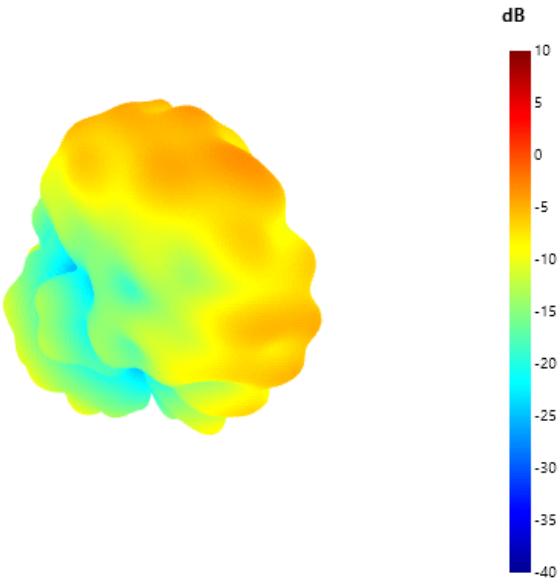
Max Antenna 3D Radiation Pattern 6425-6525 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6425-6525	1.87



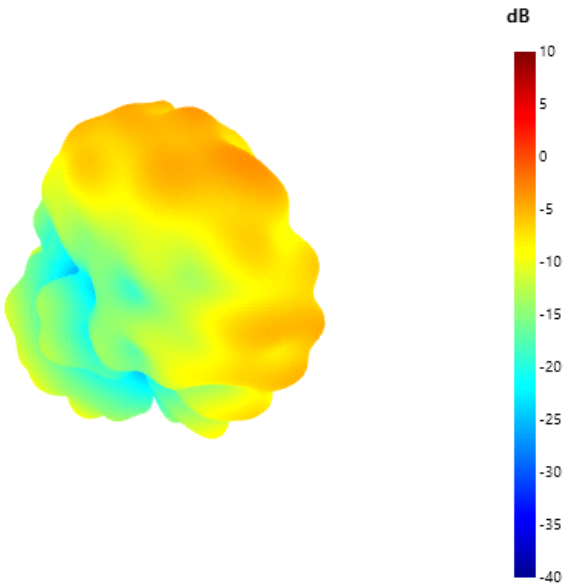
Max Antenna 3D Radiation Pattern 6525-6875 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6525-6875	4.75



Max Antenna 3D Radiation Pattern 6875-7125 MHz

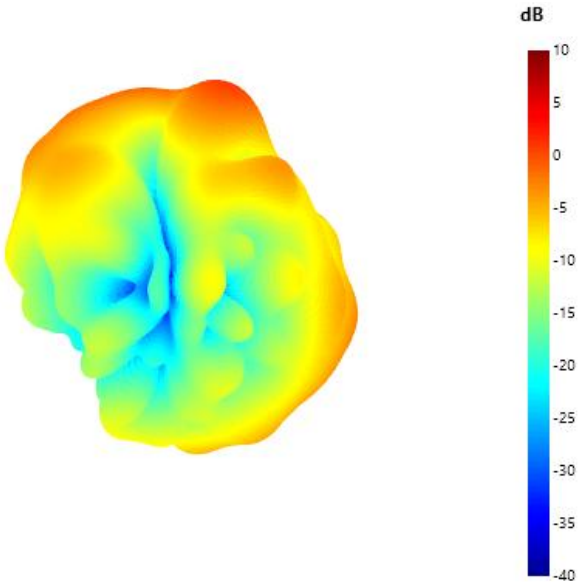
Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6875-7125	4.75



Auxiliary Antenna

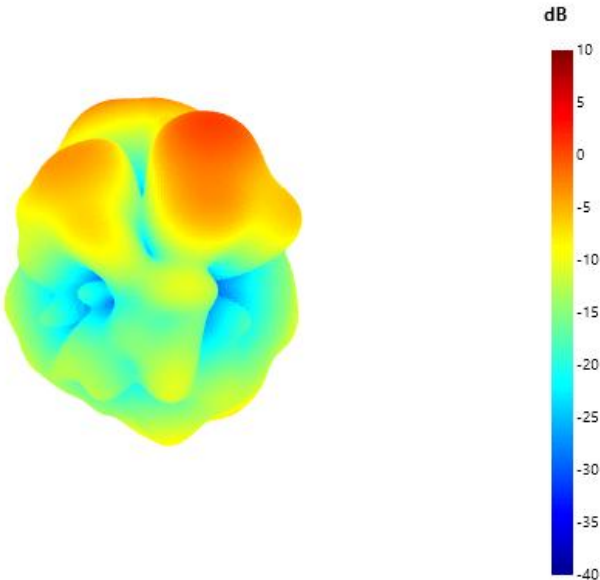
Max Antenna 3D Radiation Pattern 2400 – 2483.5 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
2400-2483.5	2.56



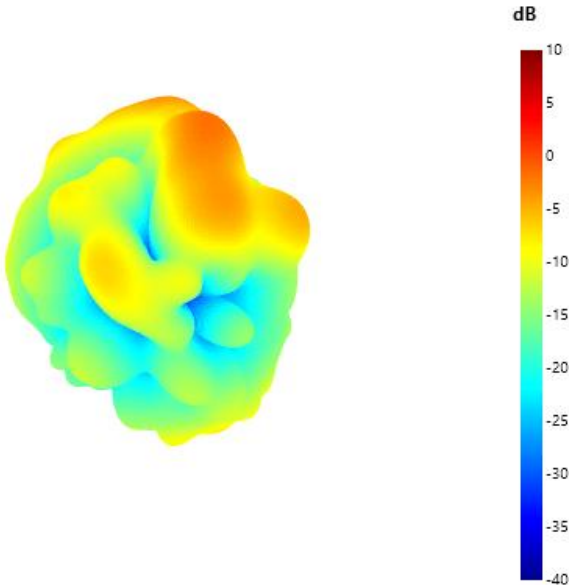
Max Antenna 3D Radiation Pattern 5150-5250 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5150-5250	2.27



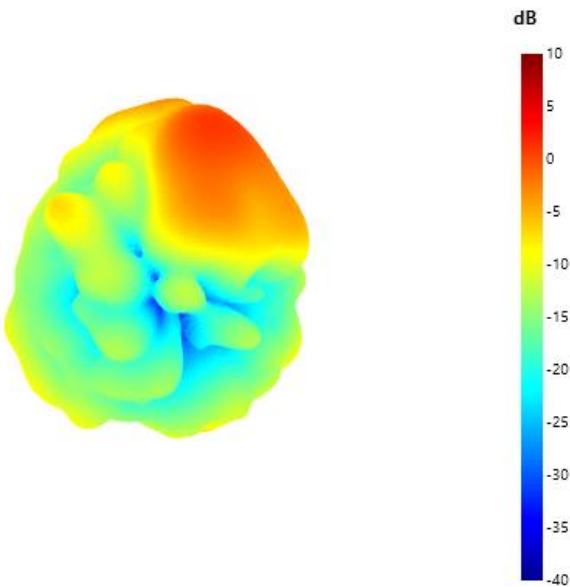
Max Antenna 3D Radiation Pattern 5250-5350 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5250-5350	1.51



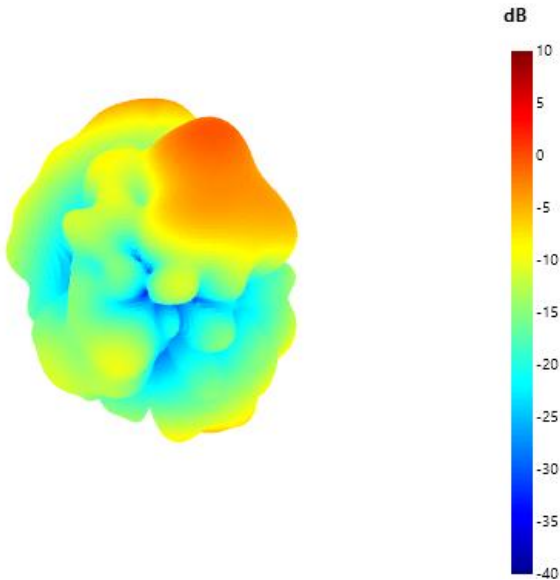
Max Antenna 3D Radiation Pattern 5470-5725 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5470-5725	3.55



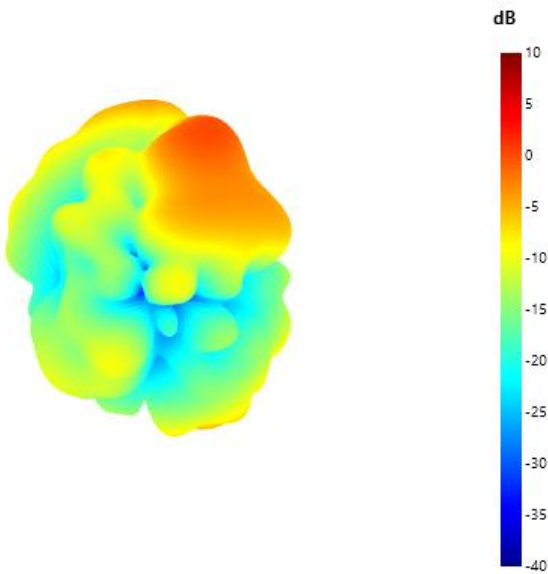
Max Antenna 3D Radiation Pattern 5725-5850 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5725-5850	2.57



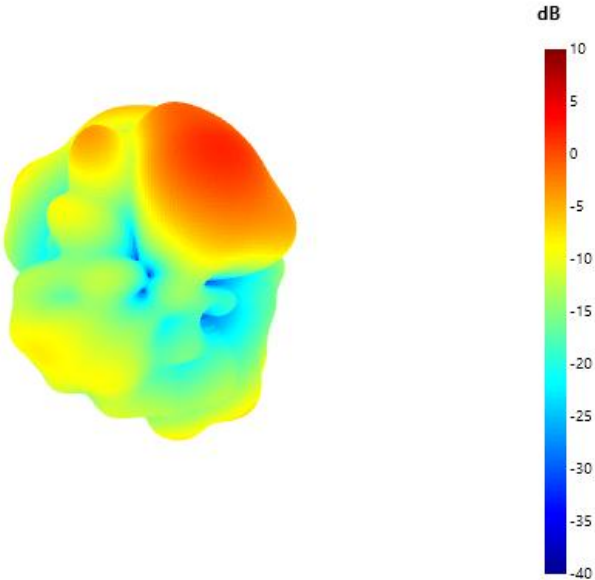
Max Antenna 3D Radiation Pattern 5850-5895 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5850-5895	2.72



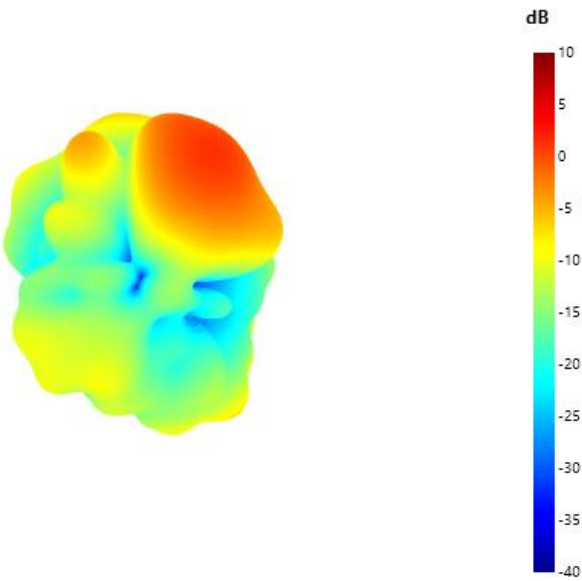
Max Antenna 3D Radiation Pattern 5925-6425 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5925-6425	3.82



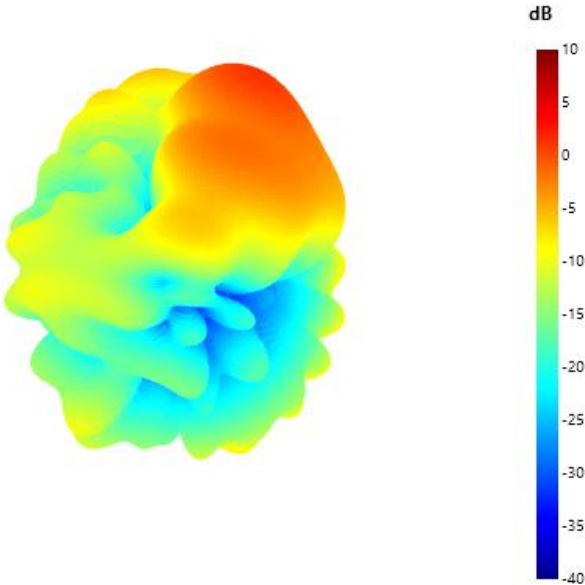
Max Antenna 3D Radiation Pattern 6425-6525 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6425-6525	2.97



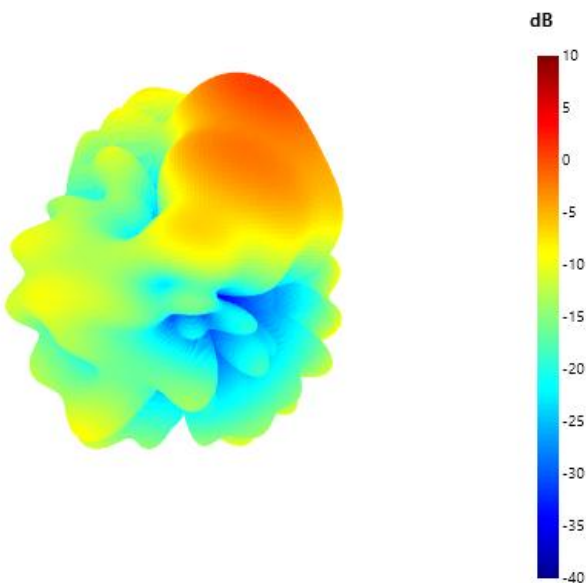
Max Antenna 3D Radiation Pattern 6525-6875 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6525-6875	2.29



Max Antenna 3D Radiation Pattern 6875-7125 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6875-7125	1.56



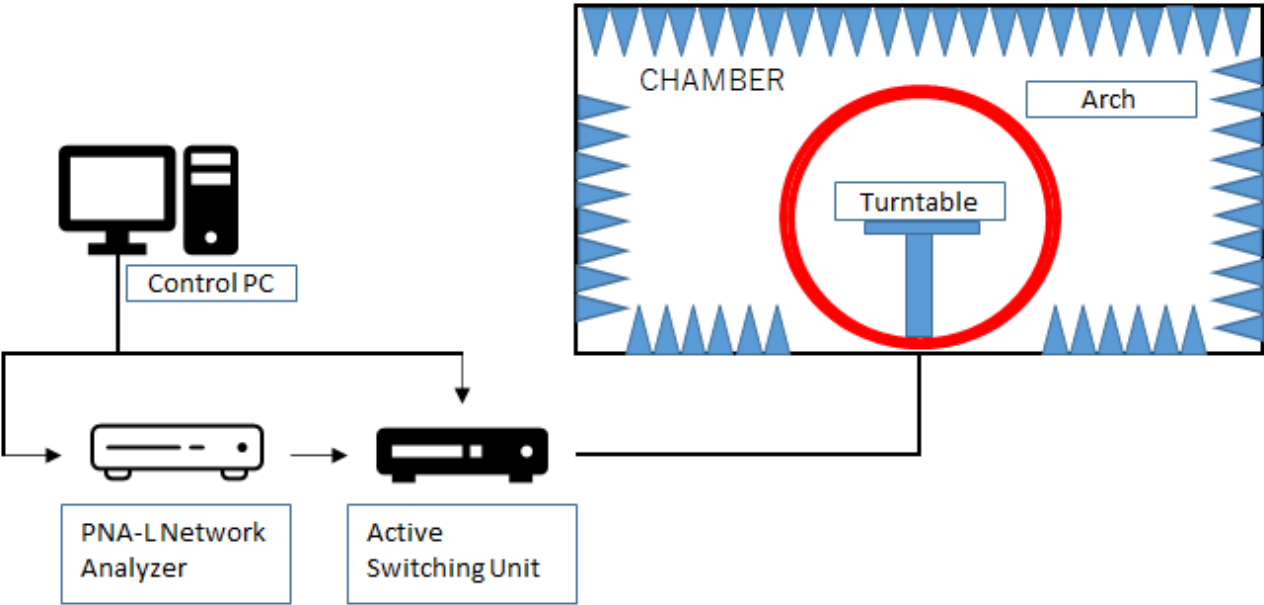
Test & System Description

1. Applicable test methods

This test report is prepared for host antenna testing under a Full Anechoic Chamber.

2. Test & System Description

a. Test setup



b. Equipment list

Test Equipment List						
ID	Device description	Model Name	Manufacturer	Serial Number	Calibration Date	Calibration Due Date
1102805	SG-24 (Microwave Vision Group)	SG24S 0.4-10GHz	MVG Industries	1102805-0005	2025.07	2026.07
1102347	SG-24 (Microwave Vision Group)	Active Switching Unit	MVG Industries	1102347-11435	2025.07	2026.07
SH400	SG-24 (Microwave Vision Group)	Reference Horen Antenna	MVG Industries	359.00	2025.07	2026.07
SH2000	SG-24 (Microwave Vision Group)	Reference Horen Antenna	MVG Industries	447.00	2025.07	2026.07
N5230A	SG-24 (Microwave Vision Group)	PNA-L Nwtwork Analyzer	Agilent Technologies	MY45001228	2025.05	2026.05

3. Setup photo



4. Test information

a. Test date

Jan.8, 2026

b. Test personnel

H. Yagi