

Regulatory WLAN Antenna Information (Template)

Antenna information										
Vendor			Type			Antenna Part number (Main)		Antenna Part number (Aux)		
PULSE			PIFA			14008-06740000 TZ3376D		14008-06740100 TZ3376E		
Peak gain w/ cable loss (dBi)*										
	2.4GHz 2400-2483.5 MHz	5.2GHz 5150-5250MHz	5.3GHz 5250-5350MHz	5.5GHz 5470-5725MHz	5.8GHz 5725-5850MHz	5.9GHz 5850-5895MHz	6.2GHz 5925-6425MHz	6.5GHz 6425-6525MHz	6.7GHz 6525-6875MHz	6.9 GHz 6875-7125MHz
Main	1.24	4.77	4.68	4.57	4.51	4.76	4.21	4.16	4.54	4.07
Aux	-0.3	4.7	4.75	4.41	4.5	4.76	4.34	4.12	4.57	4.08

Antenna Information

Section 1. Antenna Assembly Specifications

1A	1B	1C	1D		1E	1F	1G	1H
Antenna Part Number	Manufacturer	Antenna Type	Cable Assembly Part Number and Information	Freq Range MHz	* Peak Gain W/ Cable loss (dBi)	Peak Gain w/o Cable Loss (dBi)	Max VSWR	Cable Loss (dB)
14008-06740000 TZ3376D Main Antenna	PULSE	PIFA	50-ohm Coaxial length: 167mm diameter: 1.13mm	2400-2483.5	1.24	1.8	2.00	0.56
				5150-5250	4.77	5.61	3.00	0.84
				5250-5350	4.68	5.52	3.00	0.84
				5470-5725	4.57	5.44	3.00	0.87
				5725-5850	4.51	5.4	3.00	0.89
				5850-5895	4.76	5.65	3.00	0.89
				5925-6425	4.21	5.14	3.00	0.93
				6425-6525	4.16	5.12	3.00	0.96
				6525-6875	4.54	5.52	3.00	0.98
14008-06740100 TZ3376E Aux Antenna	PULSE	PIFA	50-ohm Coaxial length: 347mm diameter: 1.13mm	6875-7125	4.07	5.09	3.00	1.02
				2400-2483.5	-0.3	0.87	3.00	1.17
				5150-5250	4.7	6.44	3.00	1.74
				5250-5350	4.75	6.5	3.00	1.75
				5470-5725	4.41	6.21	3.00	1.8
				5725-5850	4.5	6.34	3.00	1.84
				5850-5895	4.76	6.62	3.00	1.86
				5925-6425	4.34	6.26	3.00	1.92
				6425-6525	4.12	6.12	3.00	2
				6525-6875	4.57	6.61	3.00	2.04
				6875-7125	4.08	6.2	3.00	2.12

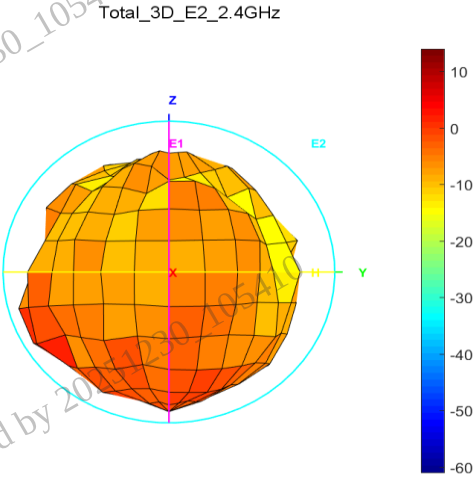
- 3D Antenna Peak Gain required being test in system basis.

Section 3. Radiation characteristics of antenna loaded in Host Platform

Main Antenna

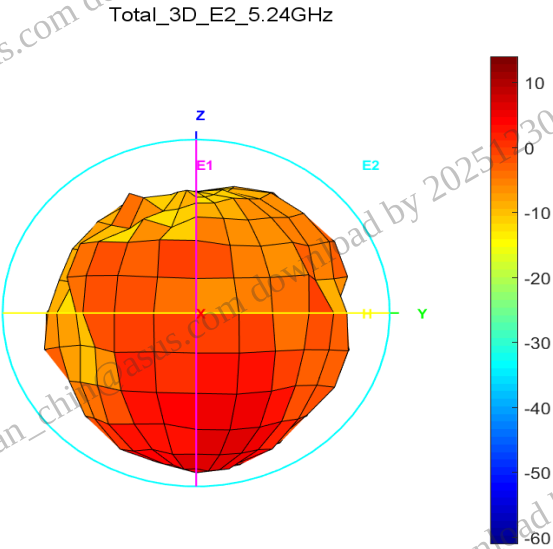
Max Antenna 3D Radiation Pattern 2400 – 2483.5 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
2400-2483.5	1.24



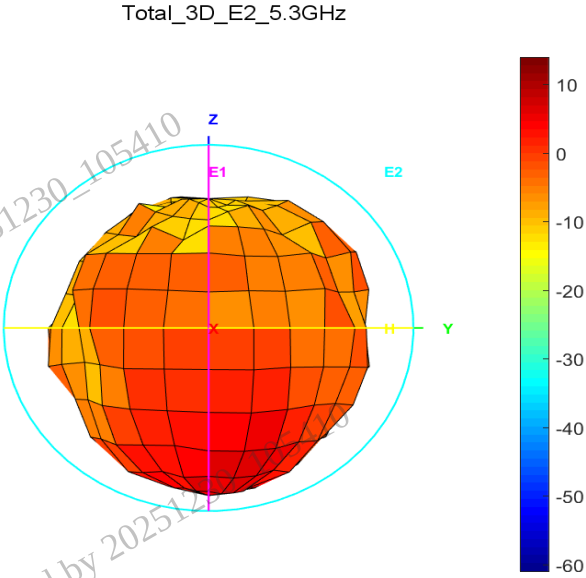
Max Antenna 3D Radiation Pattern 5150-5250 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5150-5250	4.77



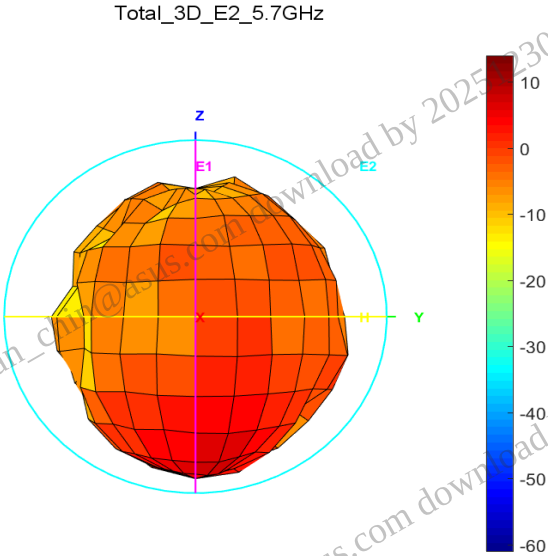
Max Antenna 3D Radiation Pattern 5250-5350 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5250-5350	4.68



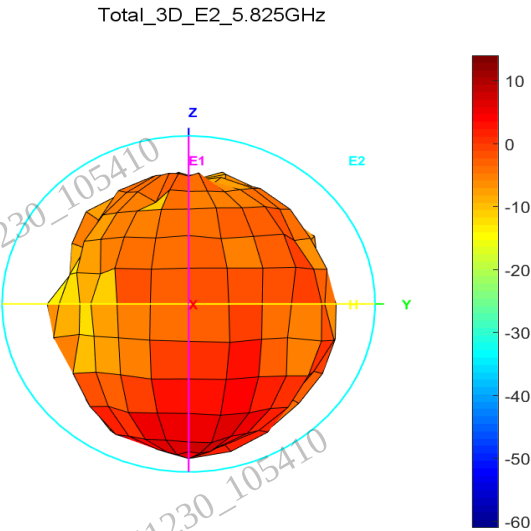
Max Antenna 3D Radiation Pattern 5470-5725 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5470-5725	4.57



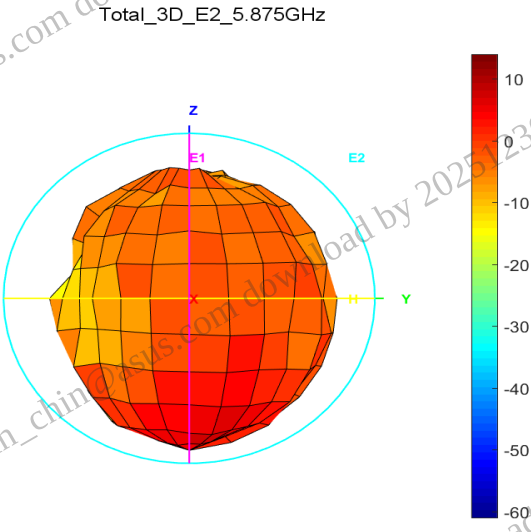
Max Antenna 3D Radiation Pattern 5725-5850 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5725-5850	4.51



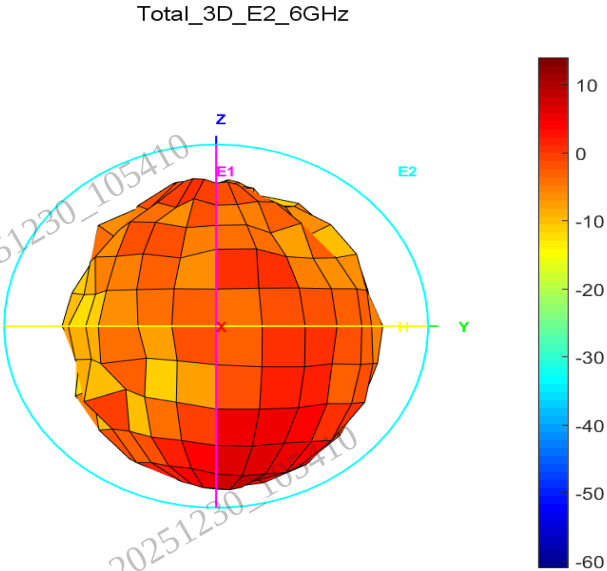
Max Antenna 3D Radiation Pattern 5850-5895 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5850-5895	4.76



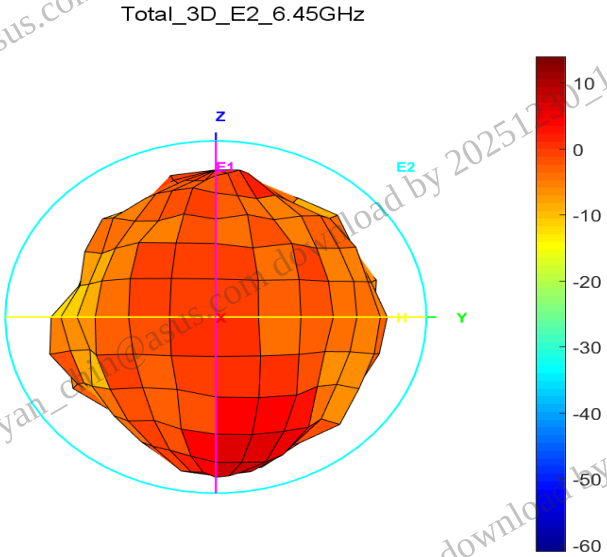
Max Antenna 3D Radiation Pattern 5925-6425 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5925-6425	4.21



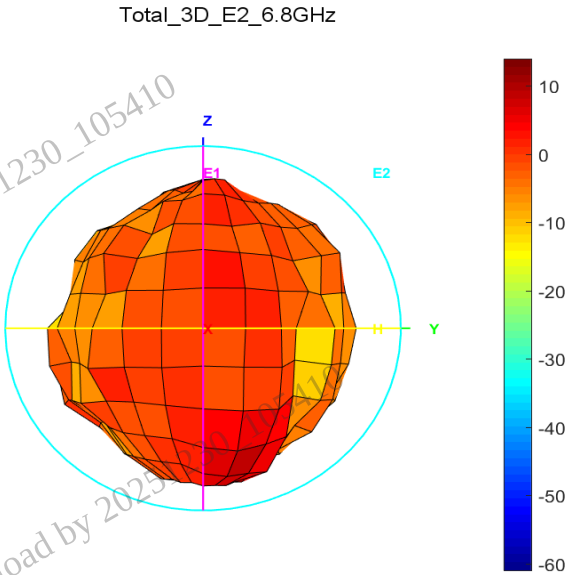
Max Antenna 3D Radiation Pattern 6425-6525 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6425-6525	4.16



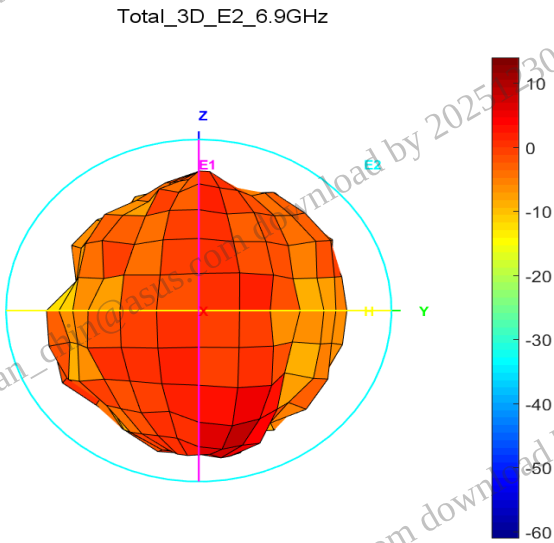
Max Antenna 3D Radiation Pattern 6525-6875 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6525-6875	4.54



Max Antenna 3D Radiation Pattern 6875-7125 MHz

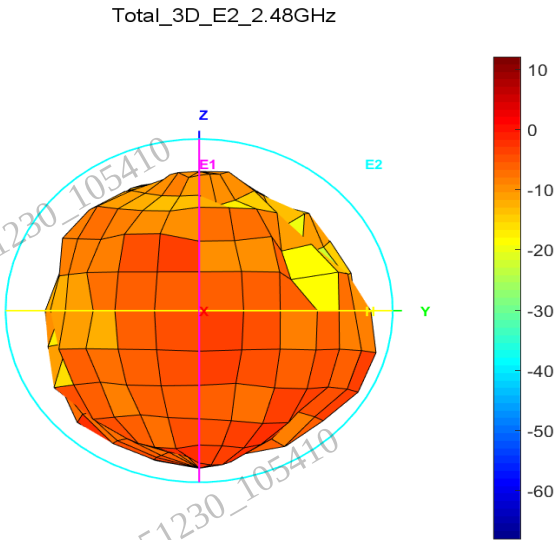
Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6875-7125	4.07



Auxiliary Antenna

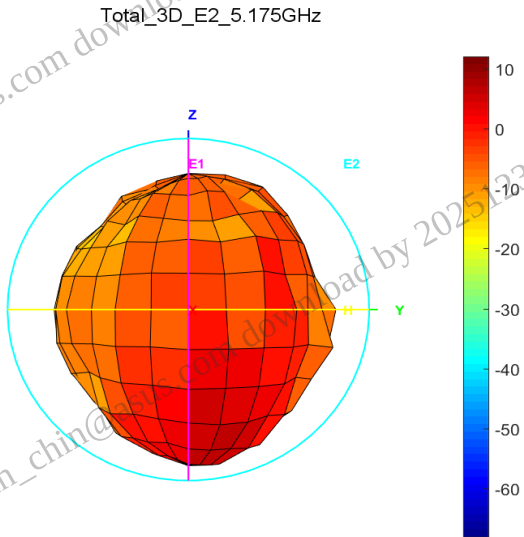
Max Antenna 3D Radiation Pattern 2400 – 2483.5 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
2400-2483.5	-0.3



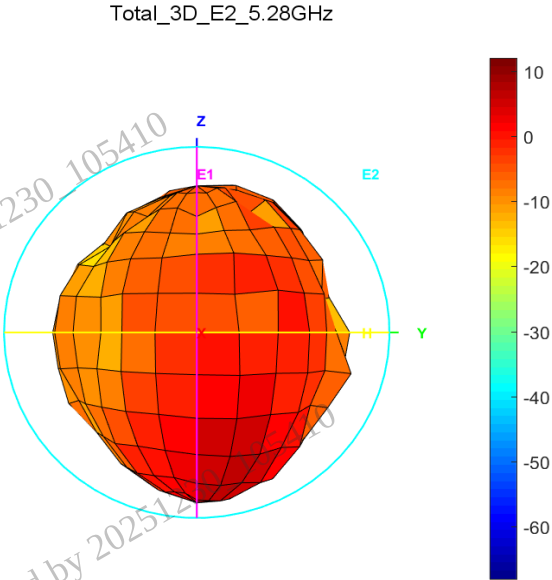
Max Antenna 3D Radiation Pattern 5150-5250 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5150-5250	4.7



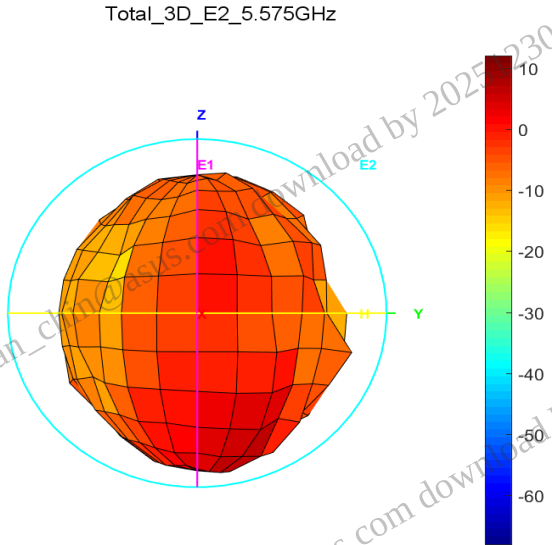
Max Antenna 3D Radiation Pattern 5250-5350 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5250-5350	4.75



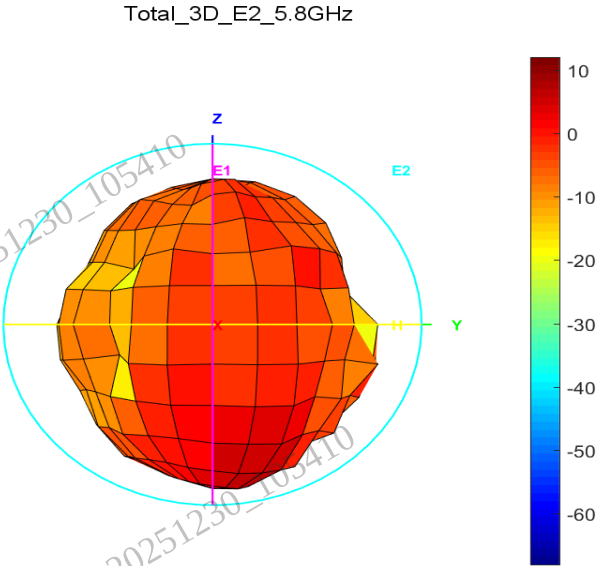
Max Antenna 3D Radiation Pattern 5470-5725 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5470-5725	4.41



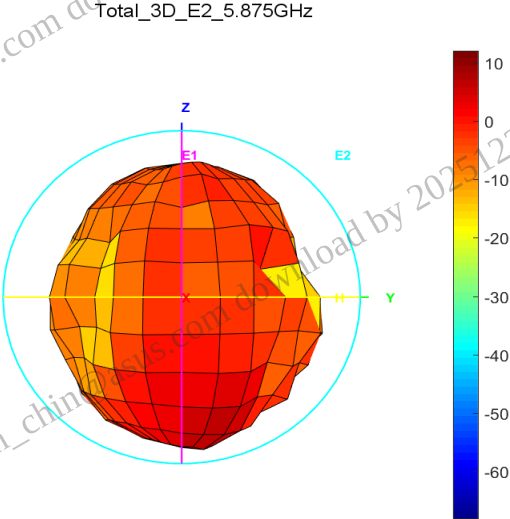
Max Antenna 3D Radiation Pattern 5725-5850 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5725-5850	4.5



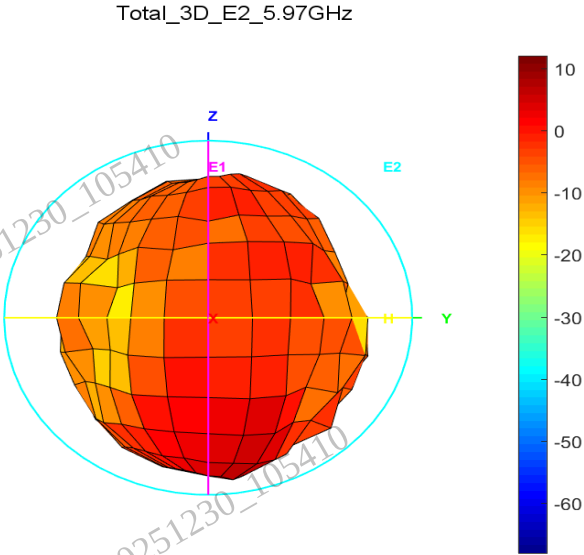
Max Antenna 3D Radiation Pattern 5850-5895 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5850-5895	4.76



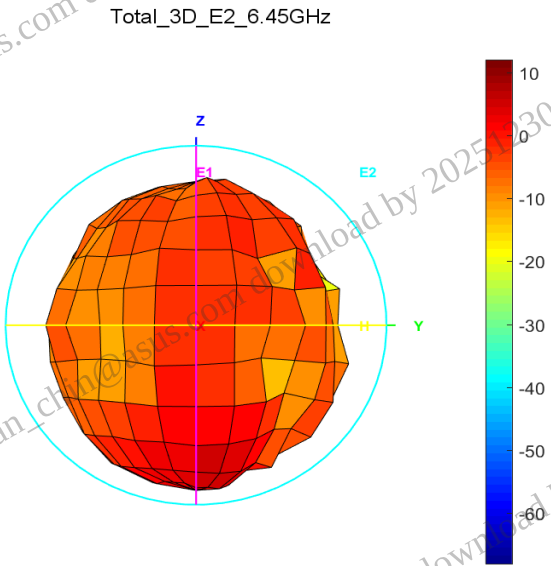
Max Antenna 3D Radiation Pattern 5925-6425 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5925-6425	4.34



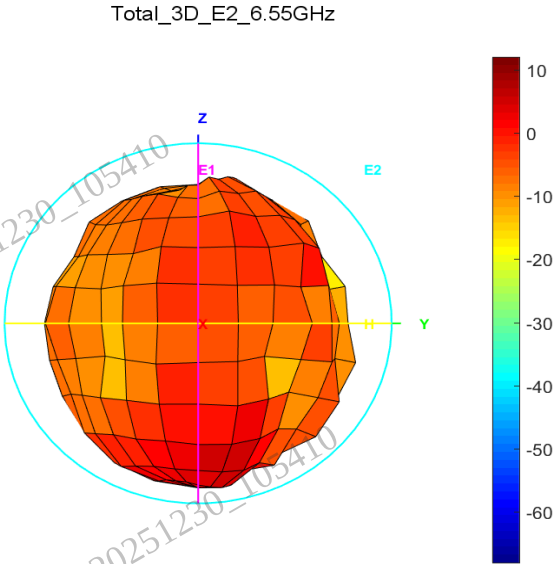
Max Antenna 3D Radiation Pattern 6425-6525 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6425-6525	4.12



Max Antenna 3D Radiation Pattern 6525-6875 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6525-6875	4.57



Max Antenna 3D Radiation Pattern 6875-7125 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6875-7125	4.08

