

DHF09-ADS	Antenna Design Specification	Rev. A	Pg. 4 of 6
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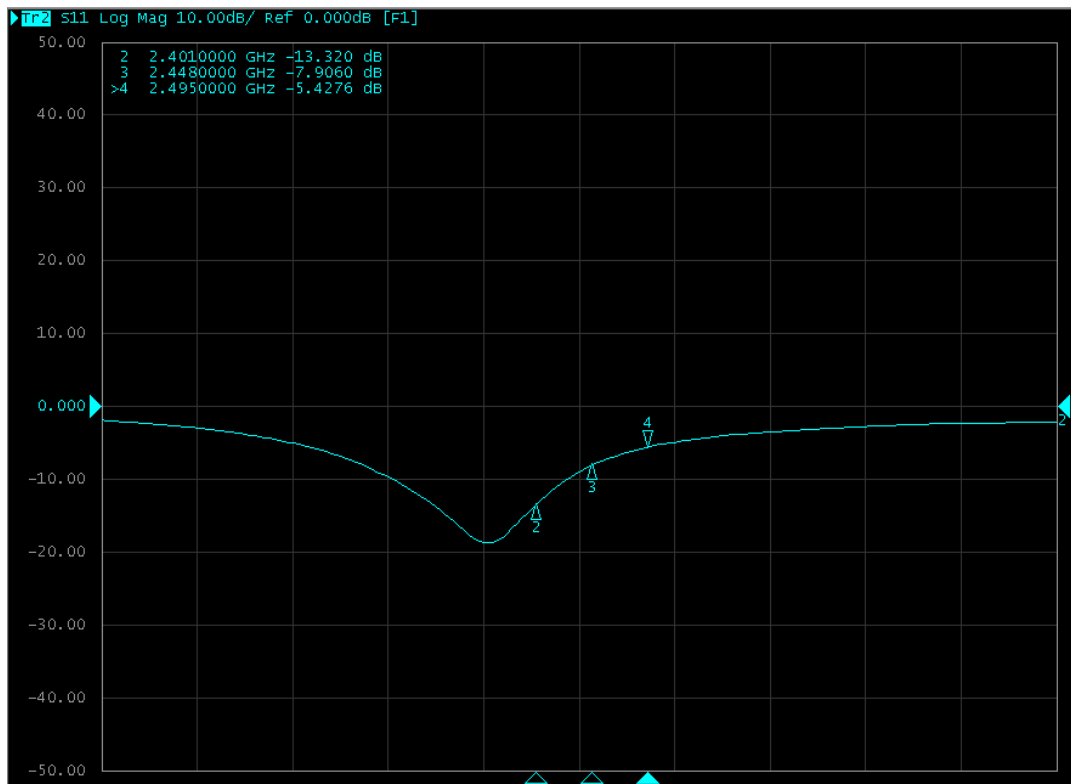
Model	UB2550
Antenna Type	Meander Line Antenna

4 Return Loss and Gain in Passive Mode:

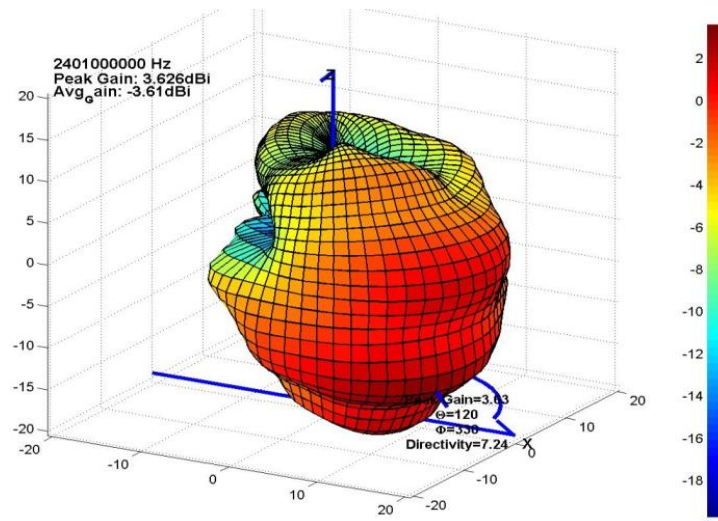
{Summary}

	2401Mhz	2448Mhz	2495Mhz
Return loss	-13.3dB	-7.9dB	-5.4dB
Avg Gain	-3.6dBi	-4.7dBi	-5.2dBi
Peak Gain	3.6dBi	2.6dBi	2.2dBi

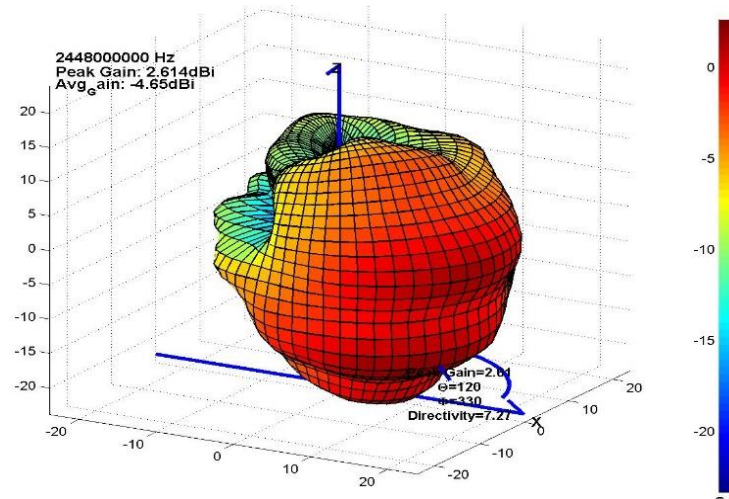
{Return Loss}



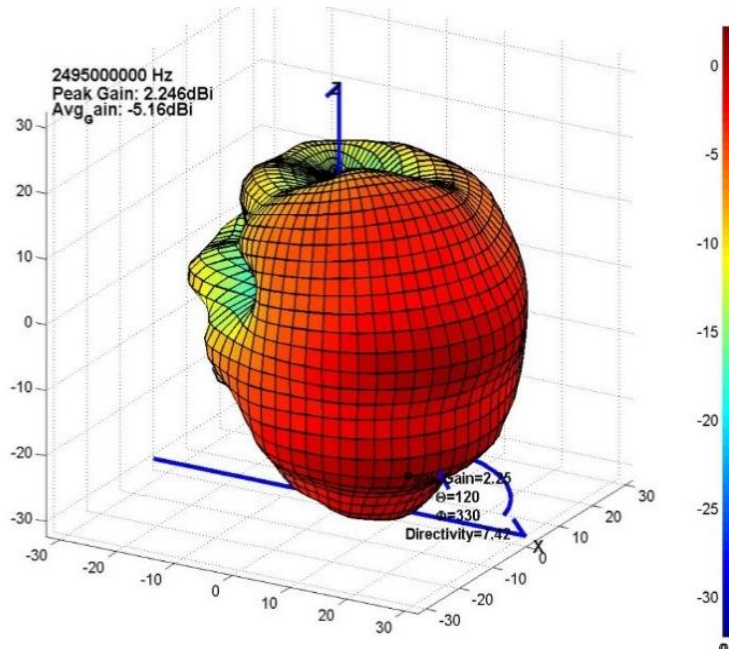
{2401Mhz_Gain}



{2448Mhz_Gain}



{2495Mhz_Gain}



5 Measurement Setup Diagram and Details of Equipment Used:

Equipment	Manufacturer	Model Name	Serial number	Firmware Version	Calibration Due Date	Periodicity	Used for test Items
Network Analyser	Agilent	E5071C	MY46107631	A.10.05	2023.08.29	Yearly	Antenna Measurements
Horn Antenna	Mutronics	MU7640V	0509086	-	-	-	Antenna Measurements
3m Fully anechoic Chamber	Airlink	3D Anechoic Chamber	-	-	-	-	Antenna Measurements