

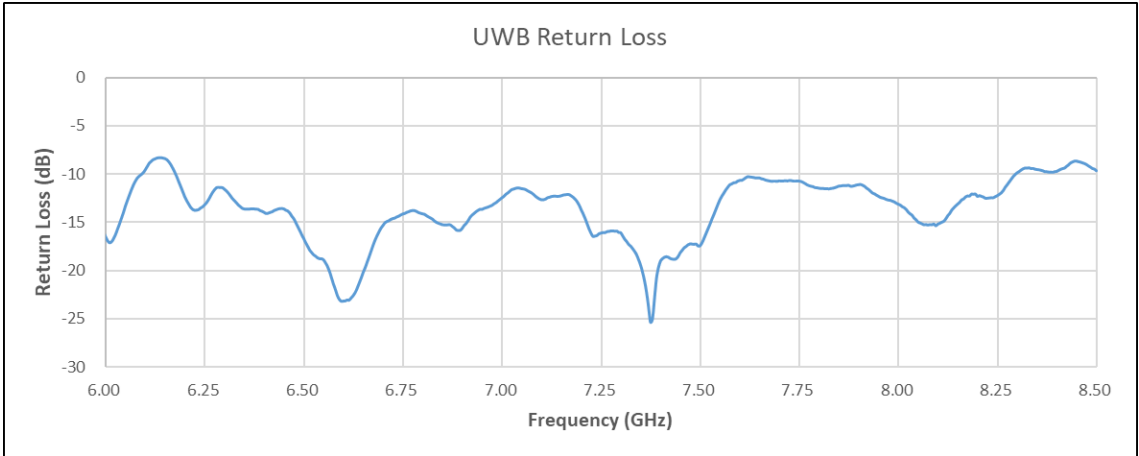
UWB Antenna

Brand: Hong-Bo **Part No.:** 290-11602

Antenna Specification

Antenna Type	PIFA Antenna
Antenna Part Number	290-11602
Measurement frequency	6250MHz ~ 6750MHz / 7750MHz ~ 8250MHz
Antenna cable color	Black
Antenna cable length	60.5 mm
Antenna cable diameter	1.37 mm
Connector	I-PEX

Antenna Return Loss

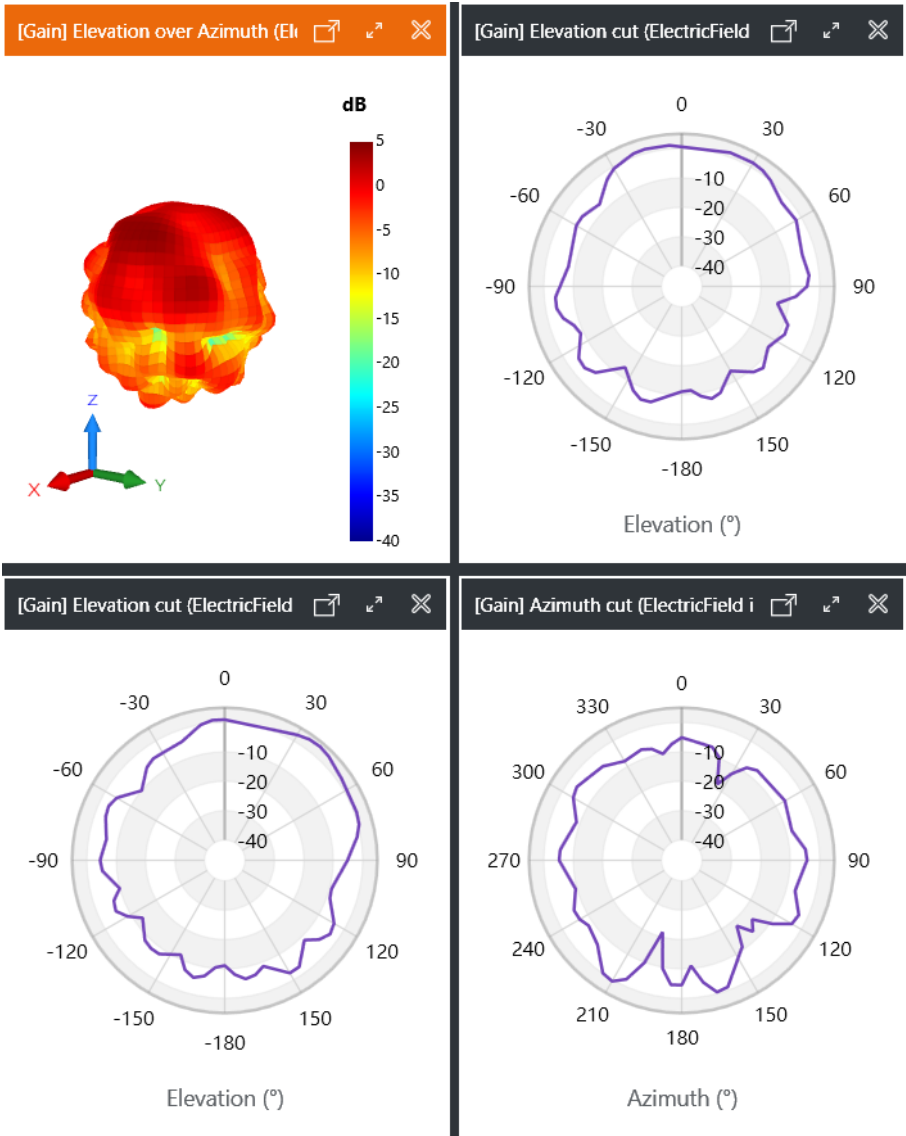


Antenna Efficiency & Peak Gain

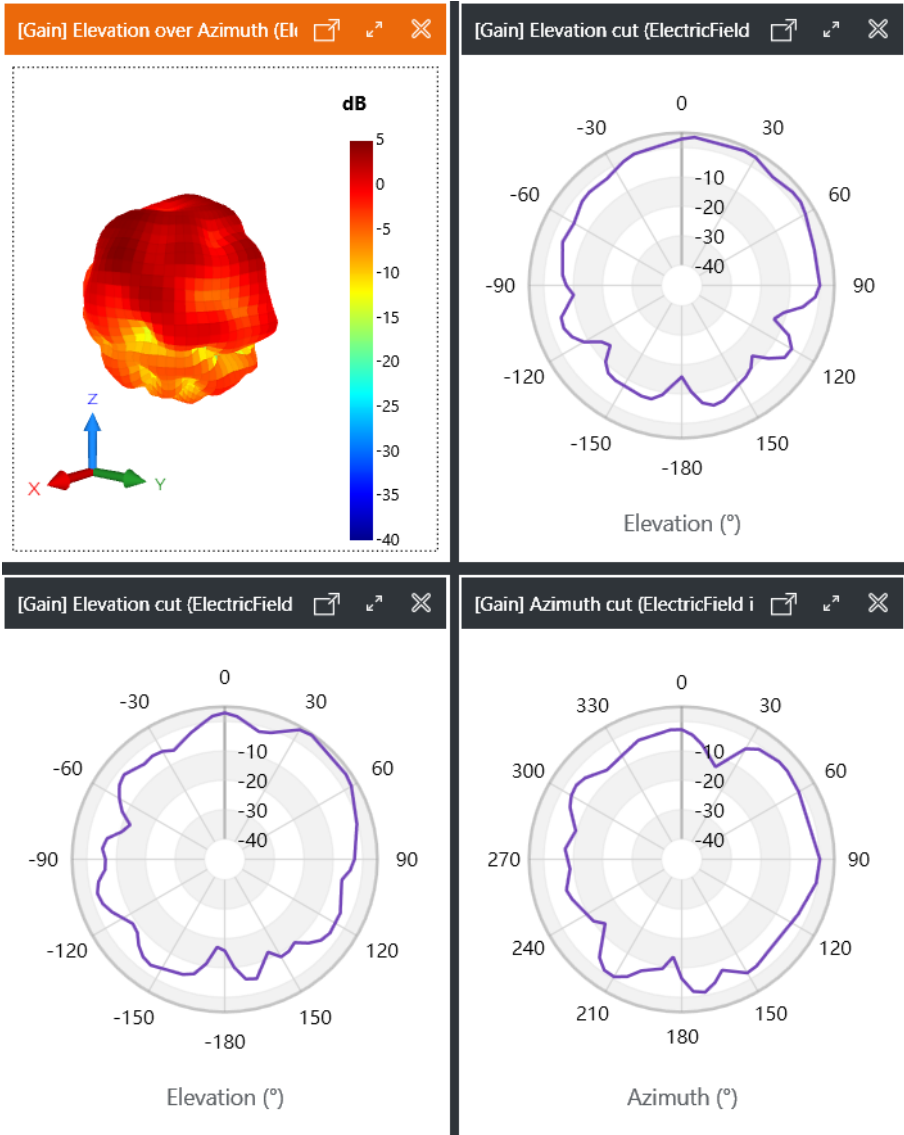
Frequency (MHz)	Efficiency (dB)	Peak Gain (dBi)
6250	-3.79	2.89
6500	-3.11	3.65
6750	-2.87	4.71
7750	-2.58	5.27
8000	-2.48	4.29
8250	-3.03	4.91

Radiation characteristics of antenna loaded in Host Platform

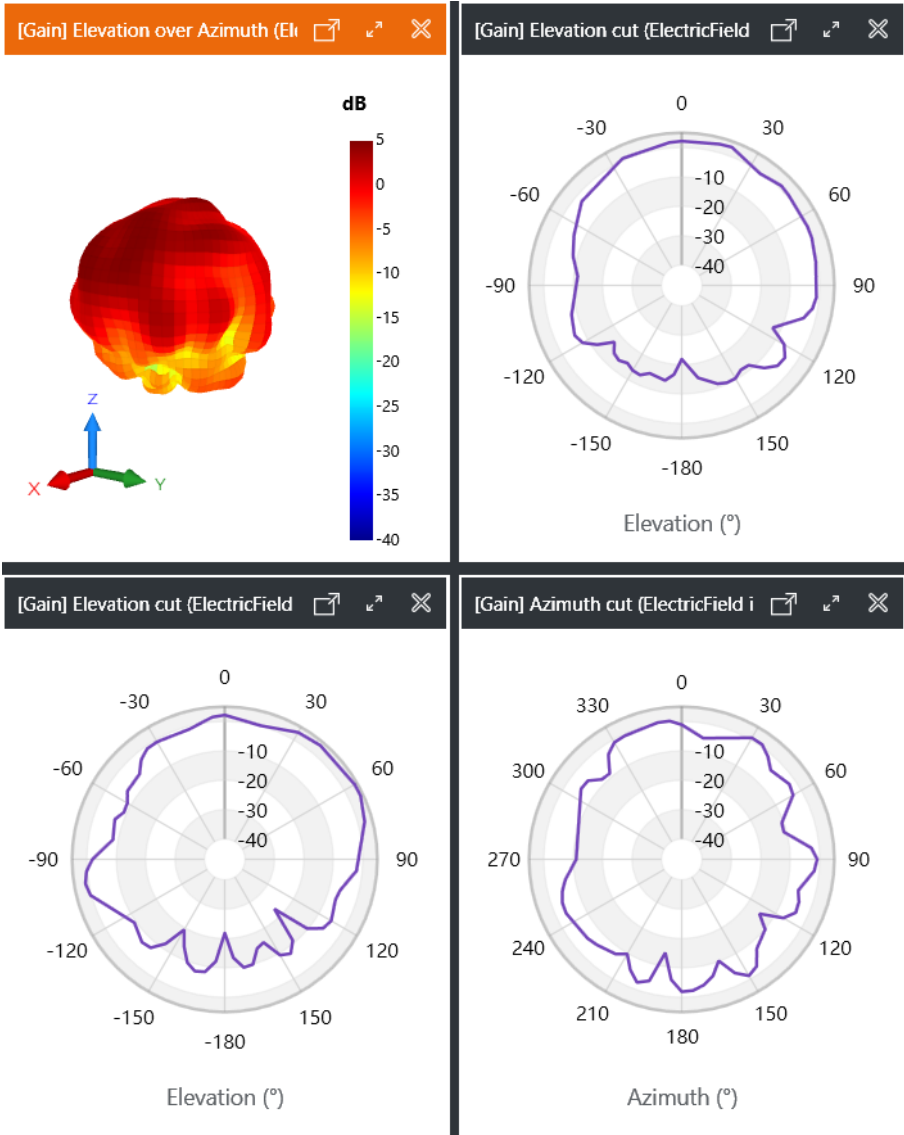
6250 MHz



6500 MHz

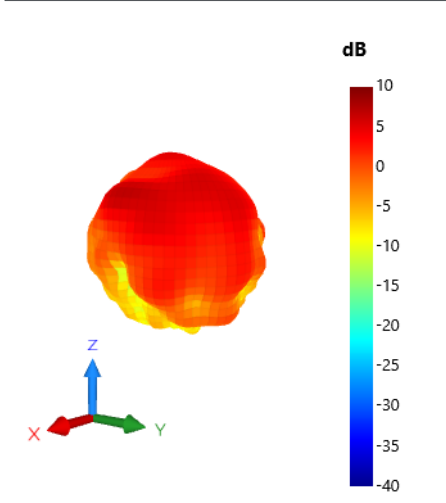


6750 MHz

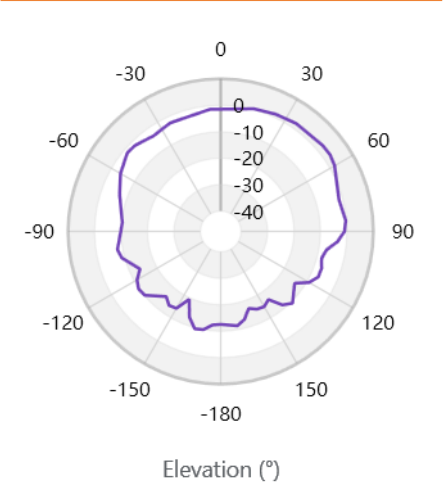


7750 MHz

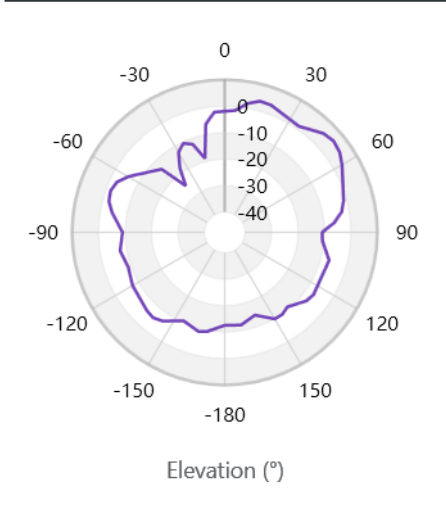
[Gain] Elevation over Azimuth (ElectricField)



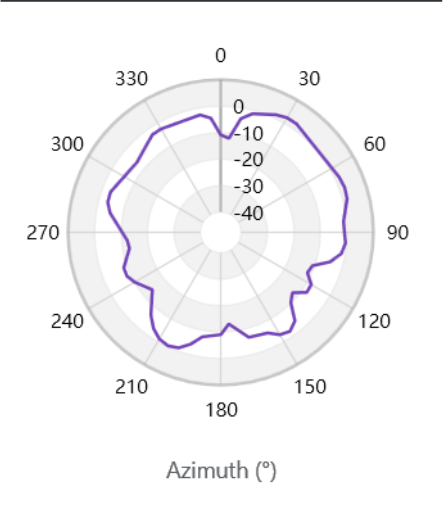
[Gain] Elevation cut (ElectricField)



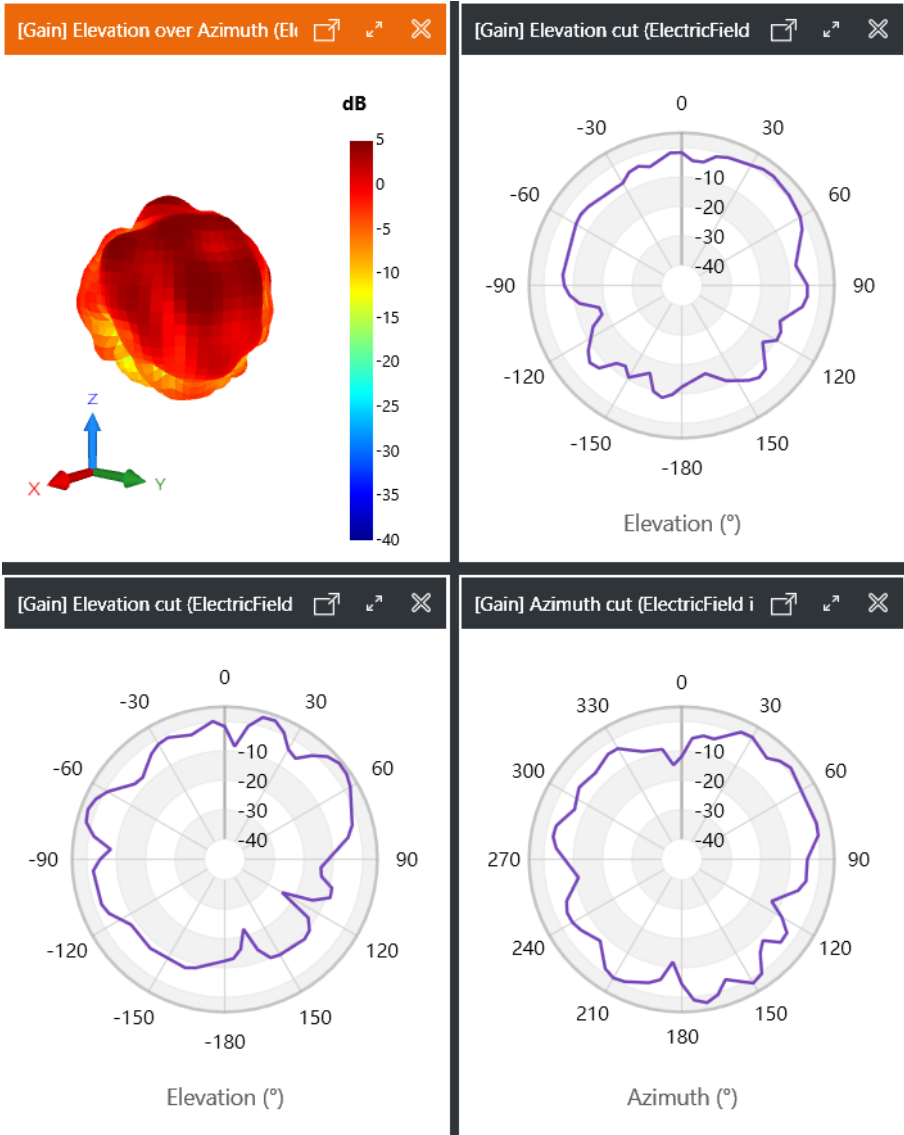
[Gain] Elevation cut (ElectricField)



[Gain] Azimuth cut (ElectricField)



8000 MHz



8250 MHz

