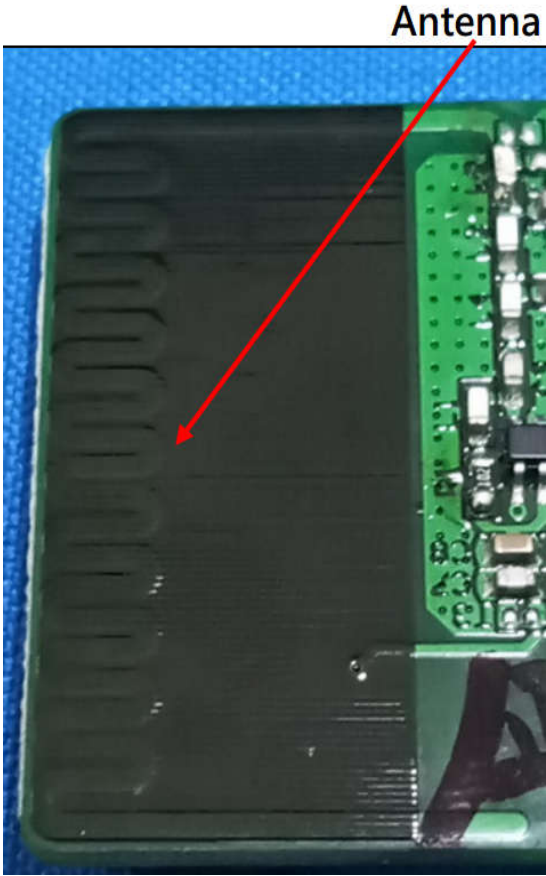
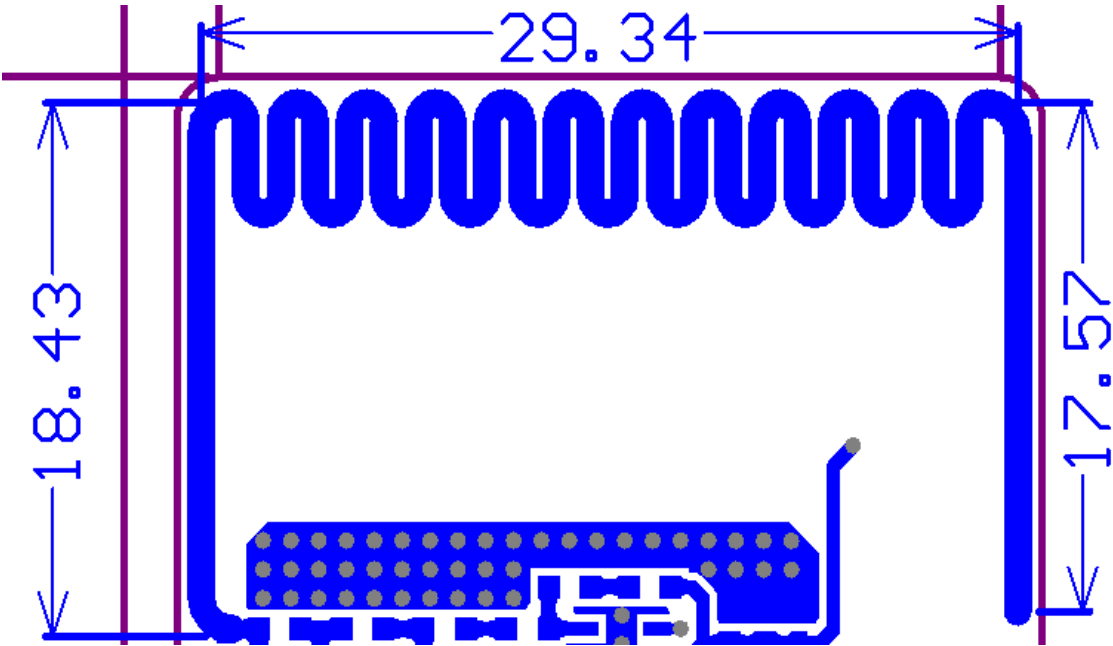
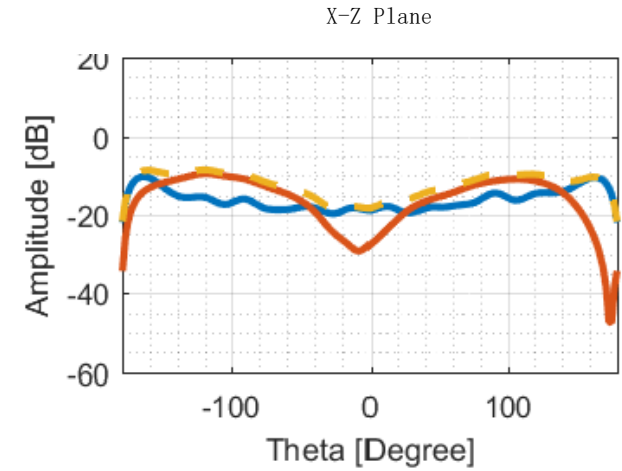


Frequency (MHz)	Directivity(dB)	Gain(dBi)	Efficiency(dB)	Efficiency(%)	BW@Phi=0	BW@phi=90
433.92	2.8166	-8.3493	-11.1659	7.6456	96.8759	91.0478
BW@theta=90	Roundness@Theta=30	Roundness@Theta=60	Roundness@Theta=90	Peak Gain@Phi(deg)	Peak Gain@Theta(deg)	Null@Phi(deg)
65535	8.4924	6.0812	2.1294	162	120	92
Null@Theta(deg)	Upper spherical efficiency(dB)	Upper spherical efficiency(%)	Lower spherical efficiency(dB)	Lower spherical efficiency(%)	Efficiency LHCP(dB)	Efficiency LHCP(%)
16	-15.4991	2.819	-13.1636	4.8266	-14.1767	3.8224
Efficiency RHCP(dB)	Efficiency RHCP(%)	Gain LHCP(dB)	Gain RHCP(dB)	AR	AR dB	
-14.1757	3.8233	-11.0629	-10.5319	9.5206	19.5733	

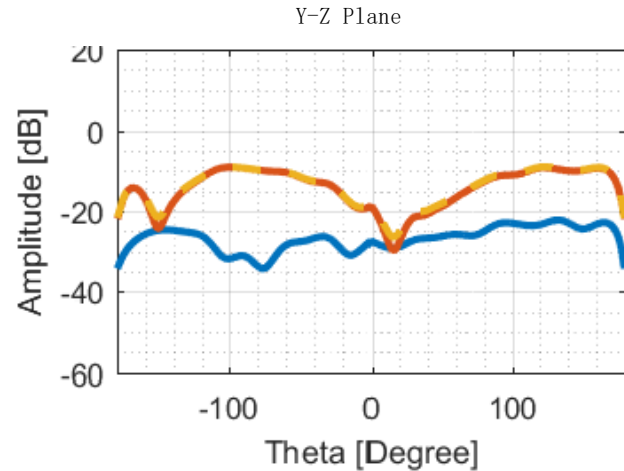
Type: On-board antennas
Model: On-board antennas-W10A
Max gain: -8.3493dBi



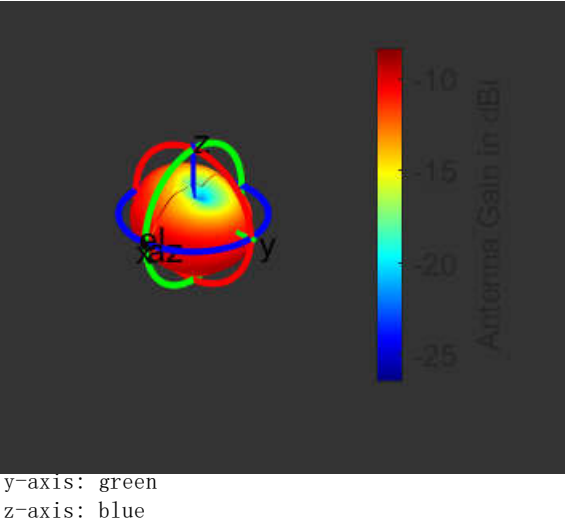
2D Pattern: @phi=0



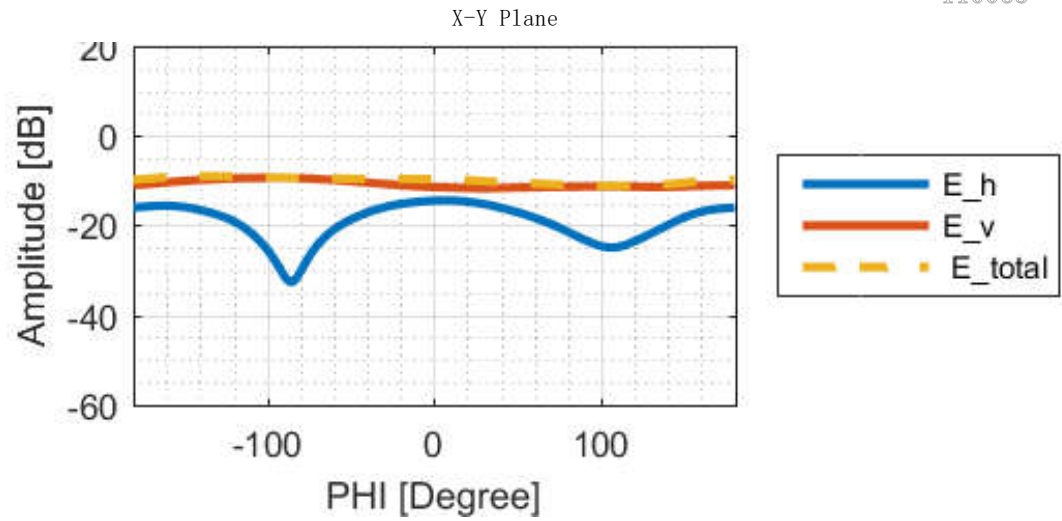
2D Pattern: @phi=90



3D Pattern:



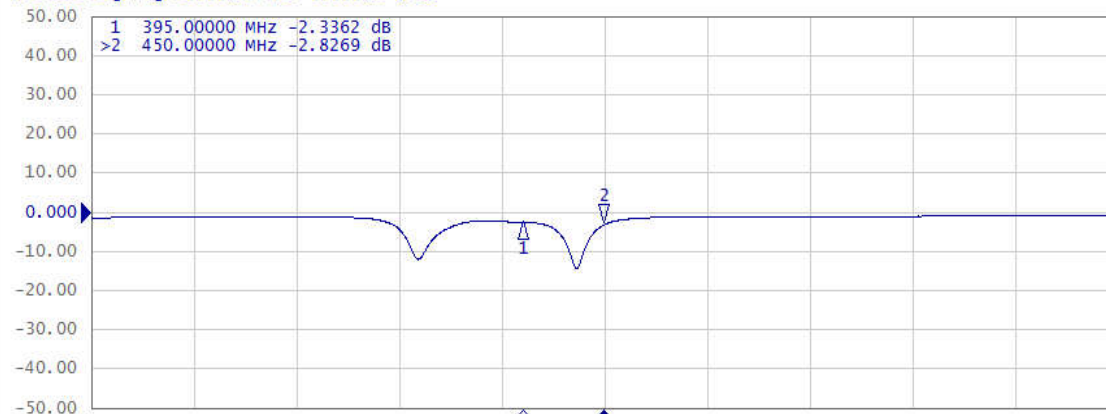
2D Pattern: @theta=90



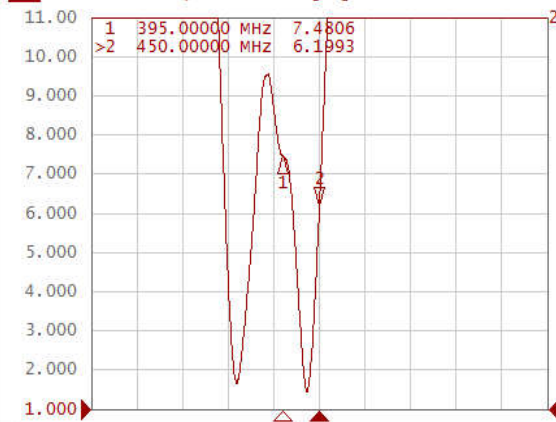
110065

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

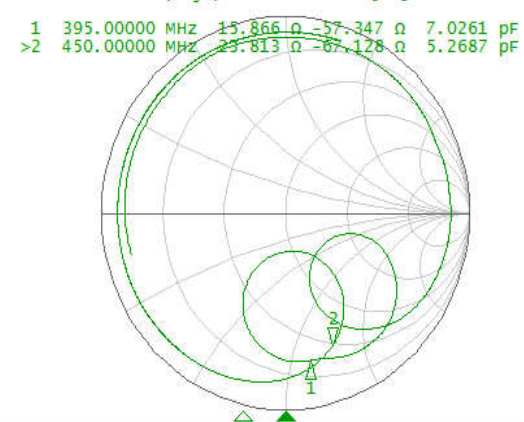
Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F1]



Tr2 S11 SWR 1.000/ Ref 1.000 [F1]



Tr3 S11 Smith (R+jX) Scale 1.000u [F1]



1 Start 100 MHz

IFBW 70 kHz

Stop 800 MHz