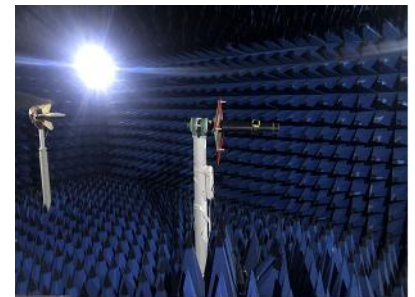


IDO GTX12 Antenna Report



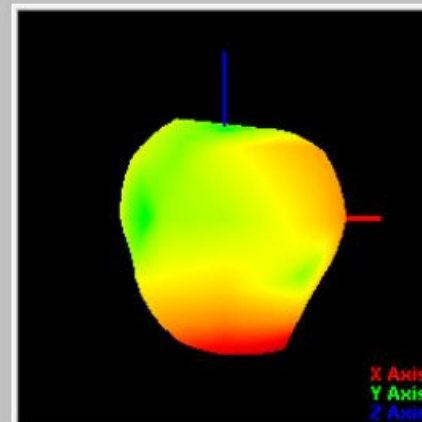
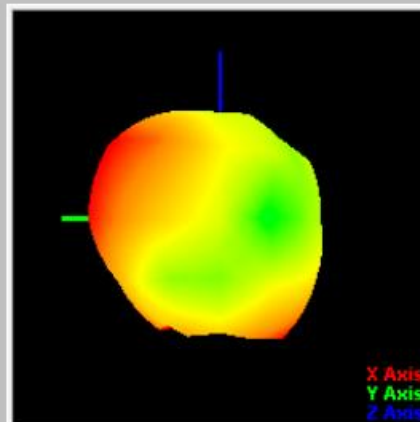
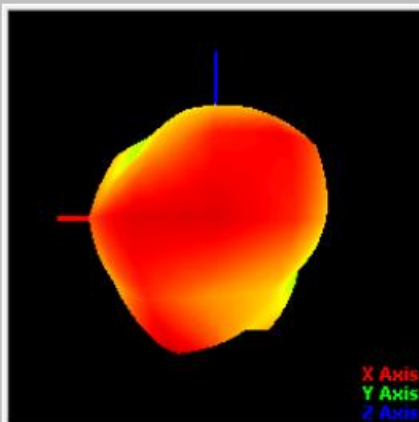
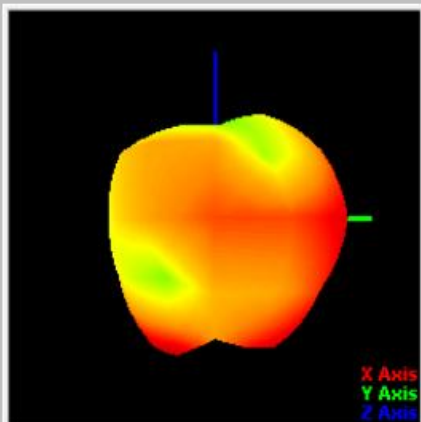
Passive parameters of antenna



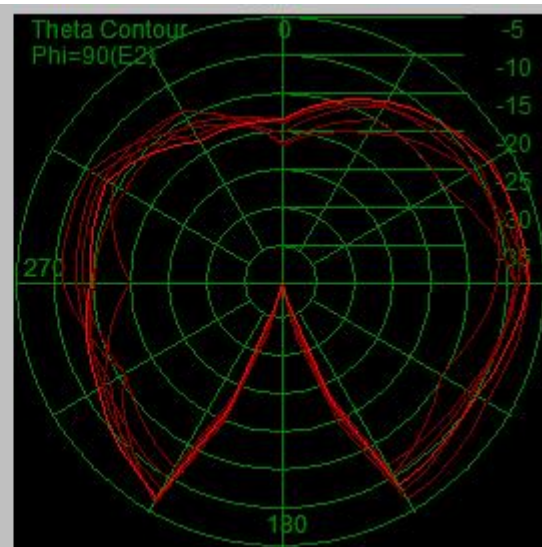
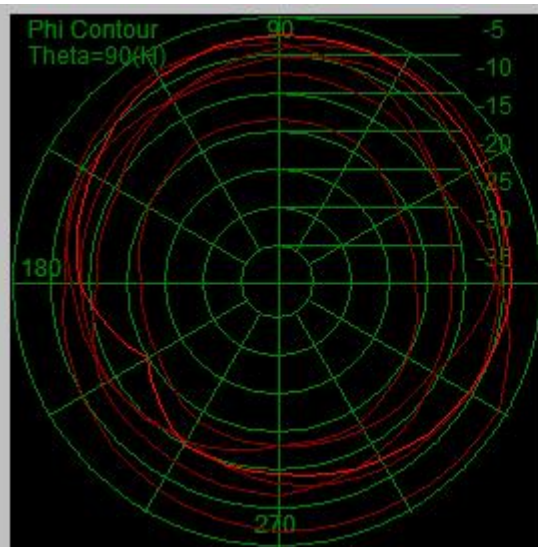
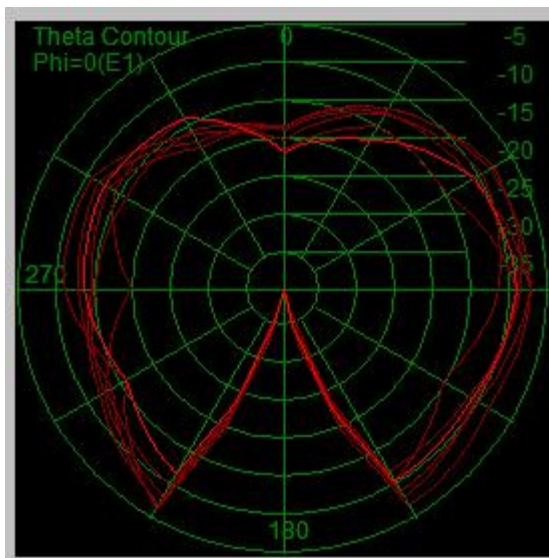
Passive parameter of BT antenna-FS

Test	FS								
Test Point ID	1	2	3	4	5	6	7	8	9
Freq. (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480
Efficiency (%)	16.1	16.7	17.5	18.7	20.5	19.3	18.5	17.1	16.2
efficiency(dB)	-7.9	-7.7	-7.6	-7.3	-6.8	-7.1	-7.3	-7.7	-7.9
gain(dBi)	-3.30	-3.09	-3.02	-2.91	-2.54	-2.69	-2.83	-2.93	-3.22

Antenna pattern -BT-FS



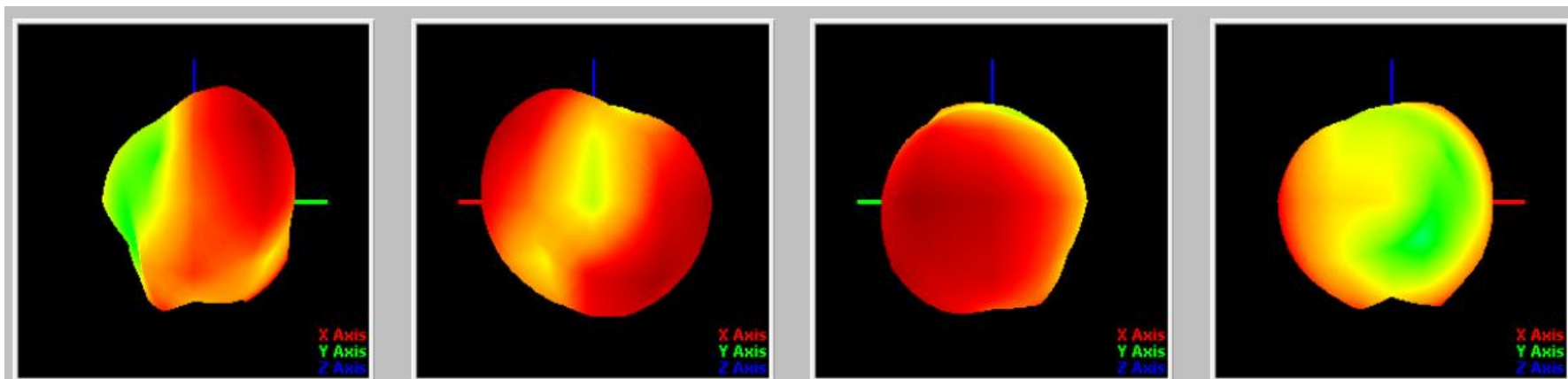
Antenna plan -BT-FS



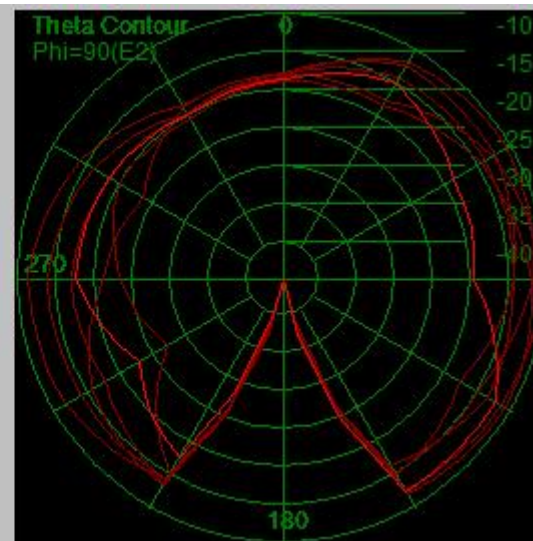
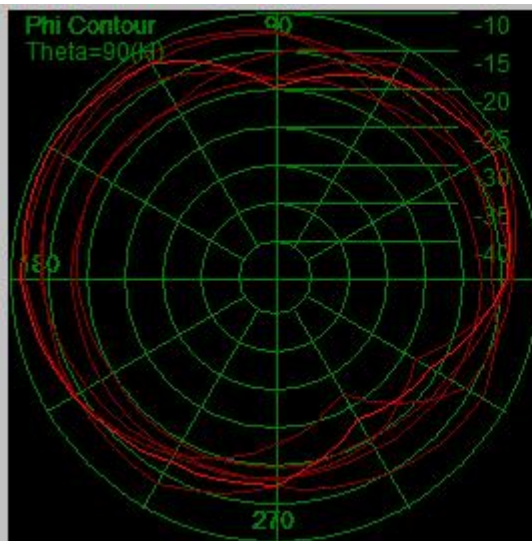
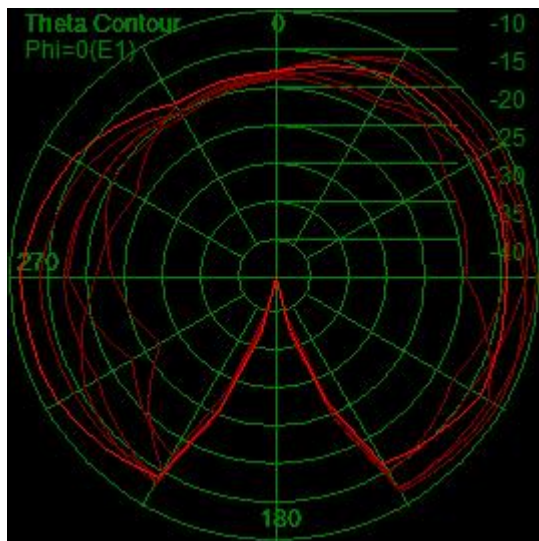
Passive parameter of BTantenna-ARM

Test	ARM								
Test Point ID	1	2	3	4	5	6	7	8	9
Freq. (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480
Efficiency (%)	6.5	6.7	6.9	7.1	7.5	7.0	6.7	6.5	6.3
efficiency(dB)	-11.8	-11.7	-11.6	-11.5	-11.2	-11.5	-11.7	-11.8	-12.0
gain(dBi)	-6.73	-6.52	-6.49	-6.36	-6.18	-6.31	-6.42	-6.55	-6.64

Antenna pattern -BT-FS

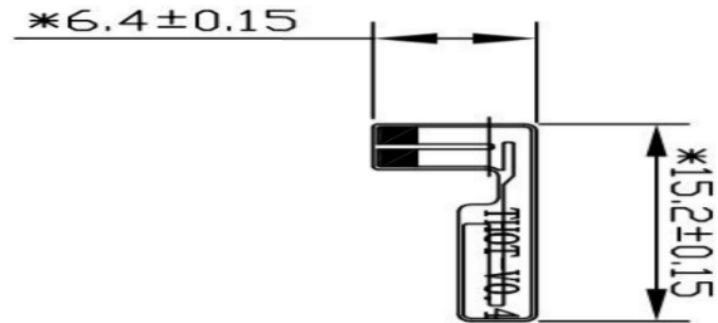


Antenna plan -BT-FS



Prototype picture

unit:mm



Thank you!



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