

Product: HT25ASR

Description: Inverter-F PCB antenna performance

CCT: HT25ASR_ALL02_V13

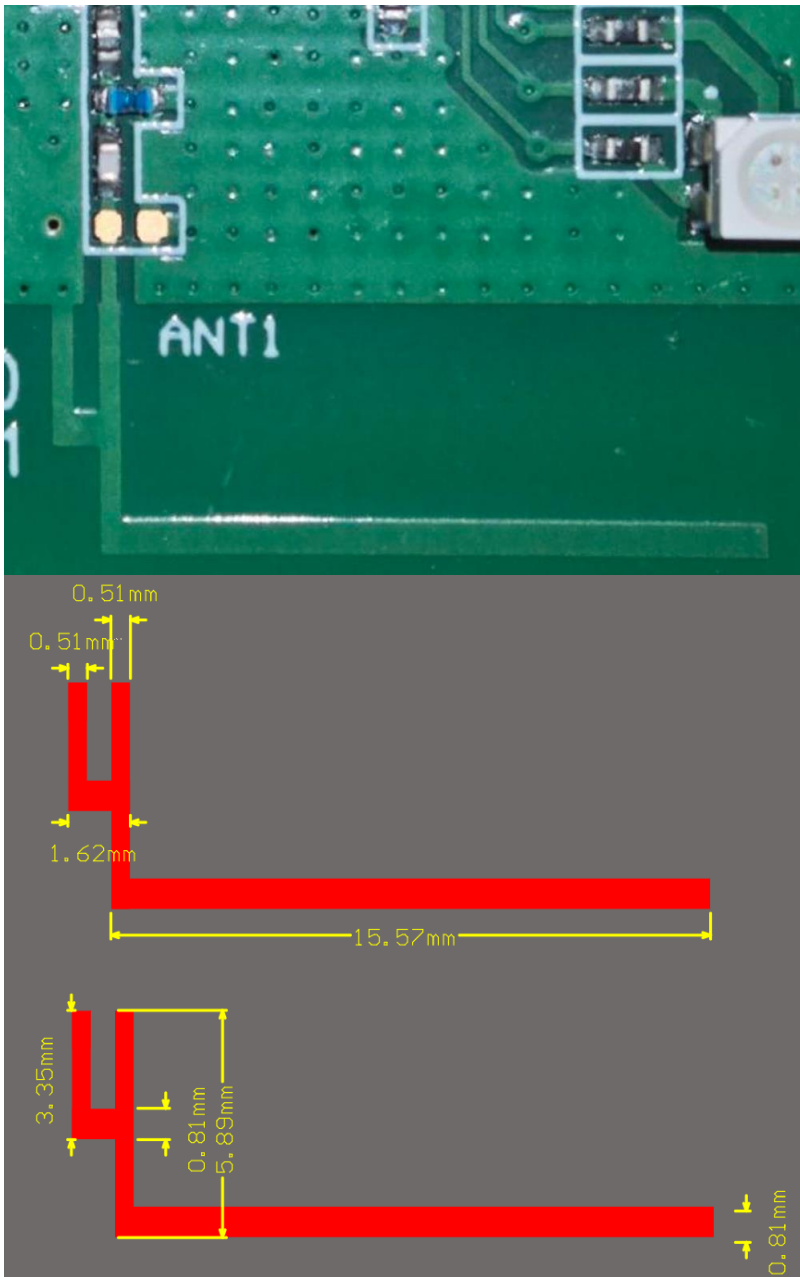
PCB: HT25ASRALL02V12

Prepared by Tom Yau, Date: 20 Mar 2024

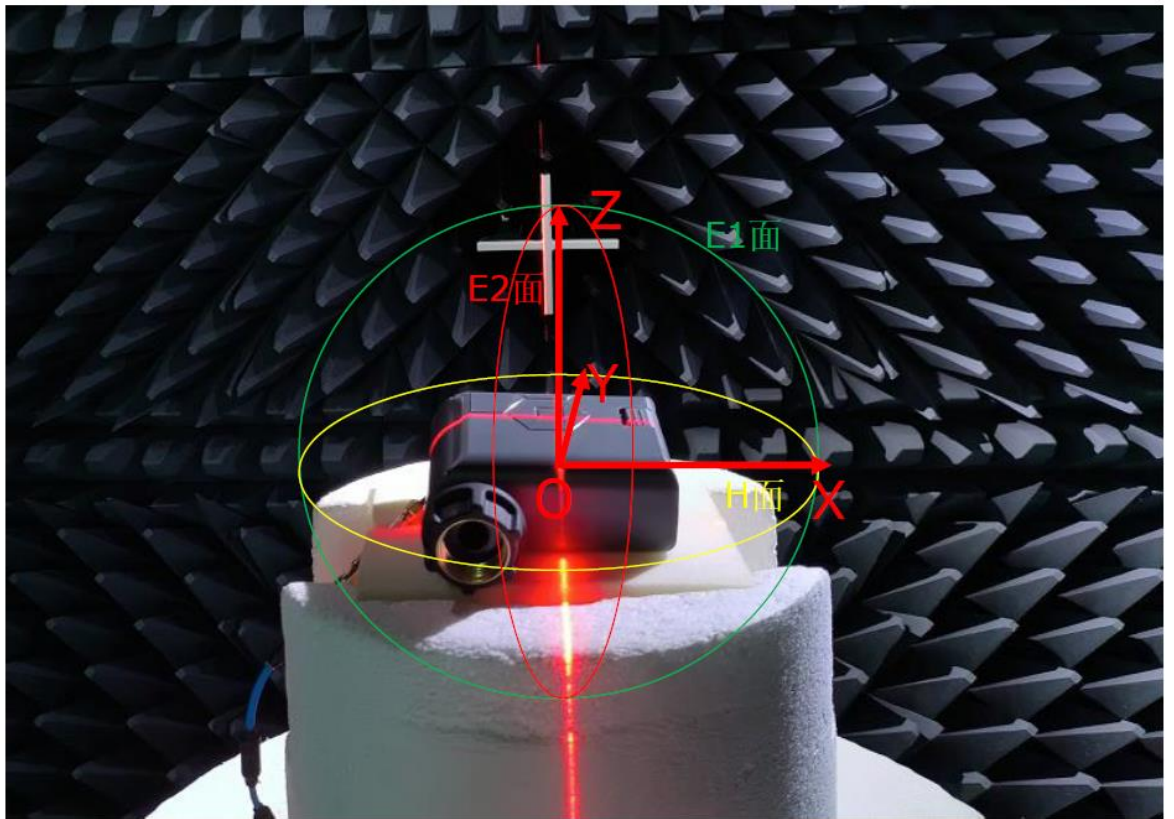
产品整机



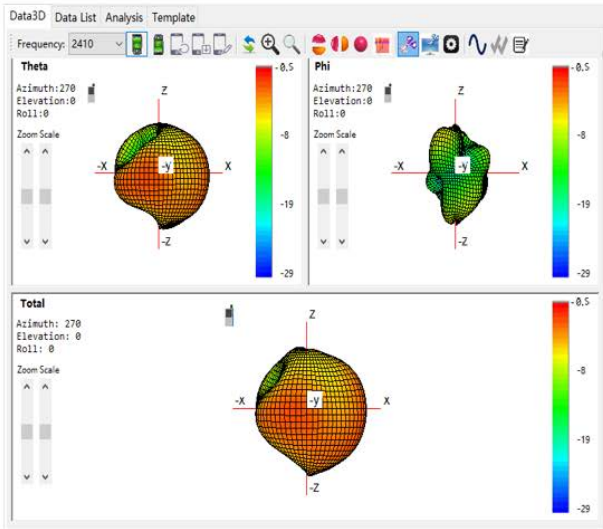
Antenna measurement:



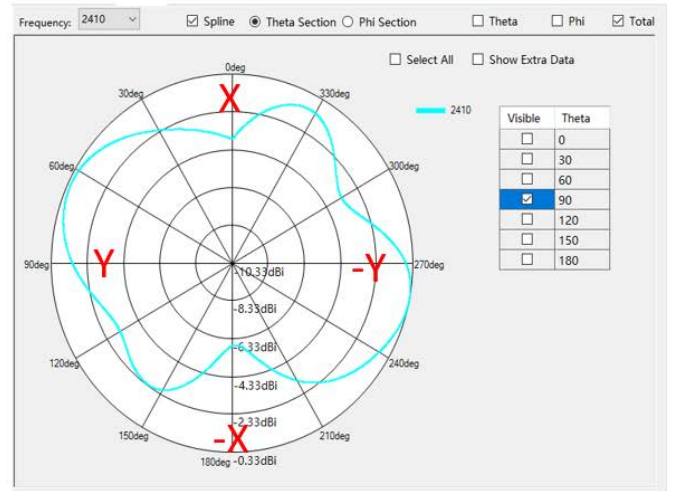
暗室测试坐标示意图



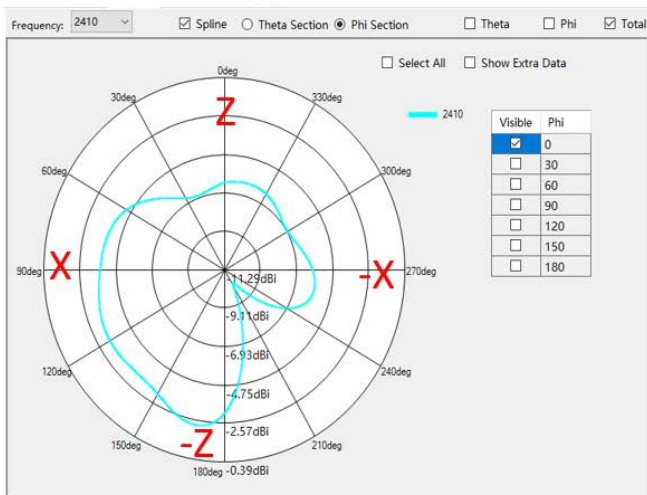
天线2D/3D方向图 (2410MHz)



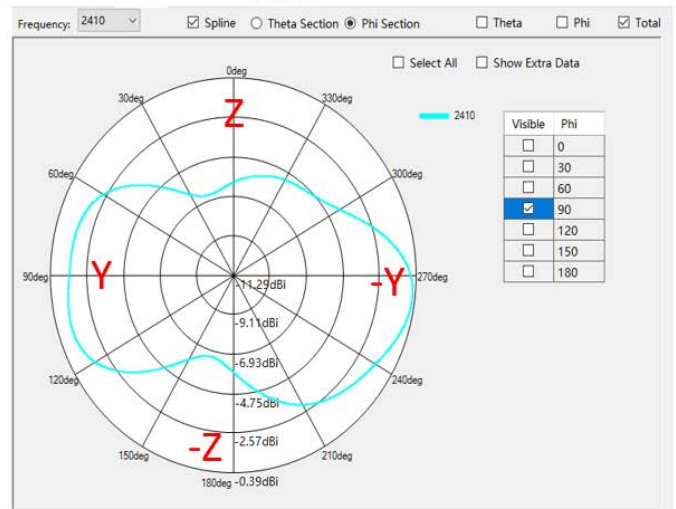
3D



H面

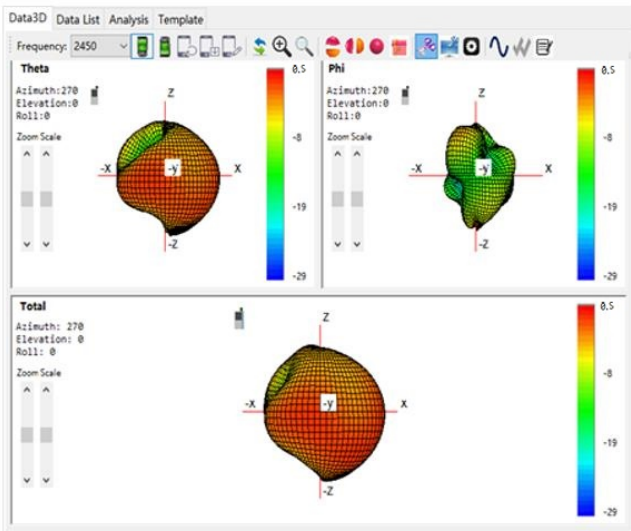


E1面

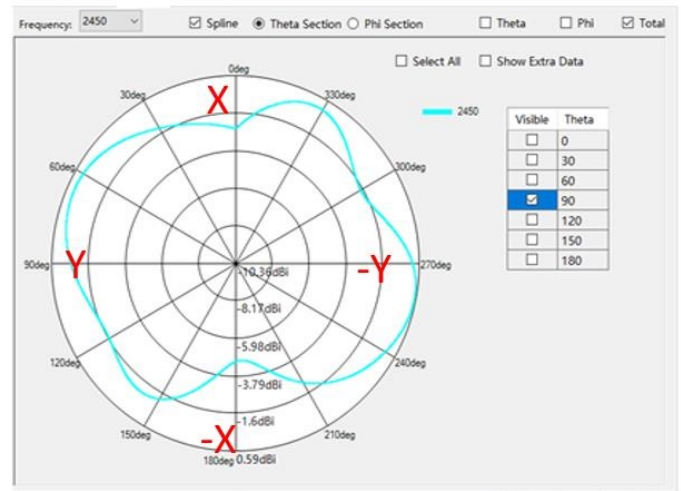


E2面

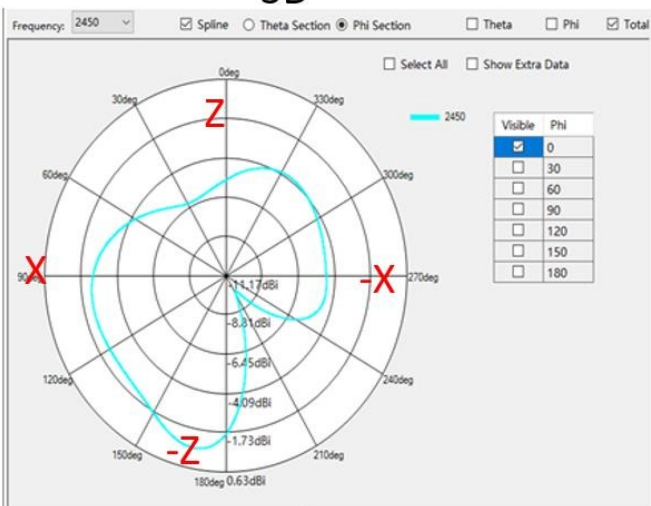
天线2D/3D方向图 (2450MHz)



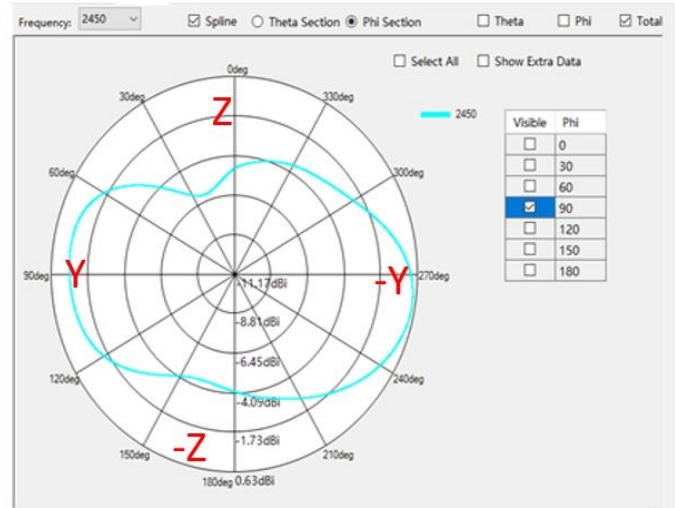
3D



H面

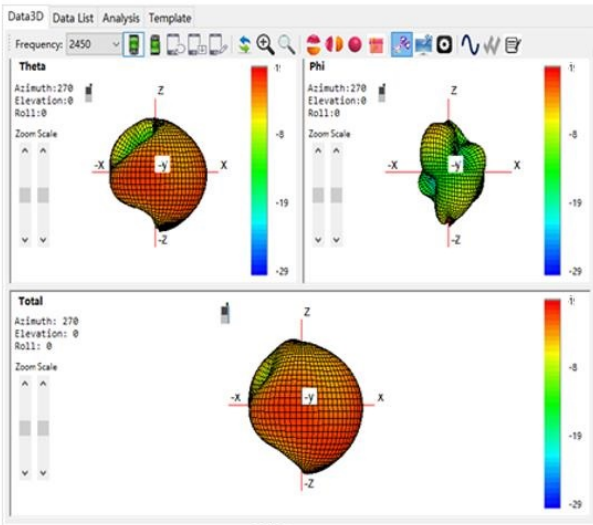


E1面

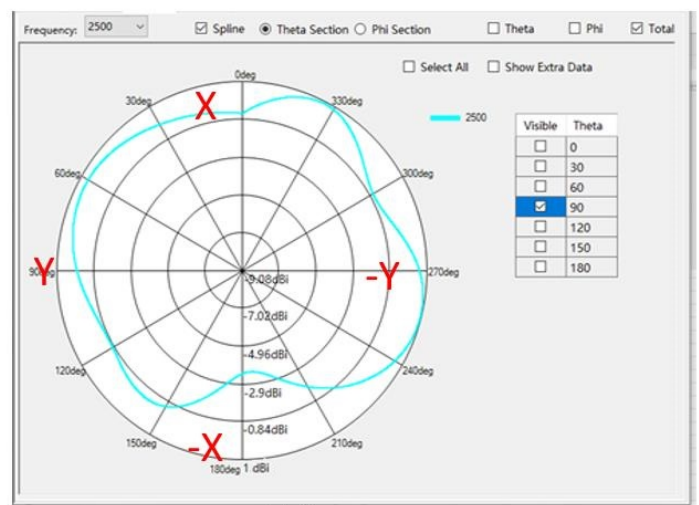


E2面

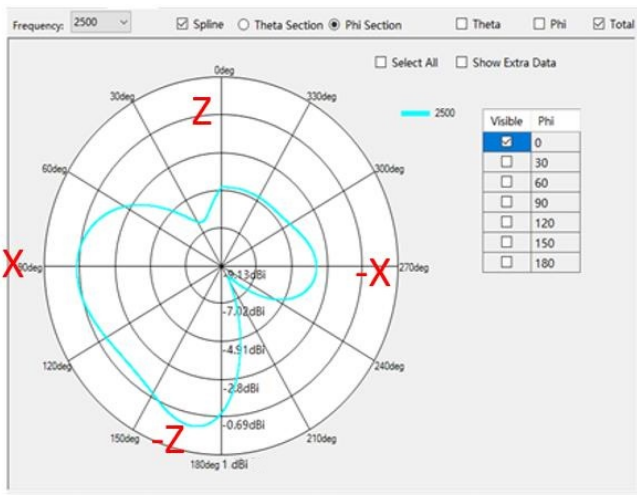
天线2D/3D方向图 (2500MHz)



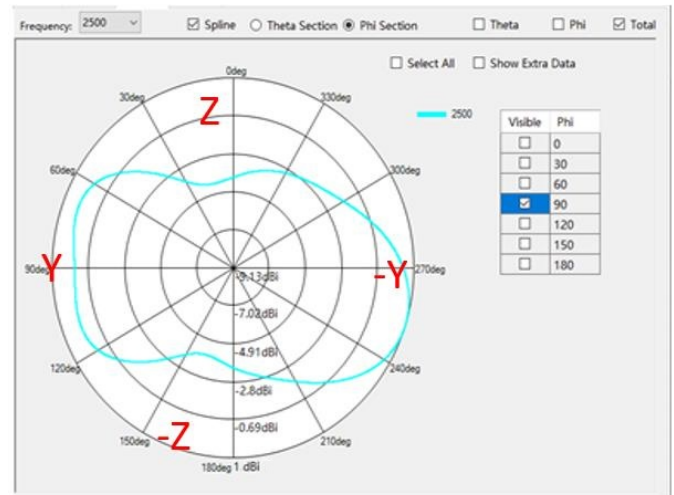
3D



H面



E1面



E2面

天线无源数据:

Freq (MHZ)	Gain (dBi)	Effi (%)
2400	-0.67	42.01
2410	-0.5	43.93
2420	-0.4	45.97
2430	-0.16	49.36
2440	0.07	52.66
2450	0.5	56
2460	0.76	58.63
2470	0.85	60.72
2480	0.95	64.94
2490	1.04	67.44
2500	1.09	68.37