

R1 Antenna Test Report

Model: R1 antenna

Antenna band: BT 2400-2500MHz

Test Equipment: Agilent E5071C & Satimo test

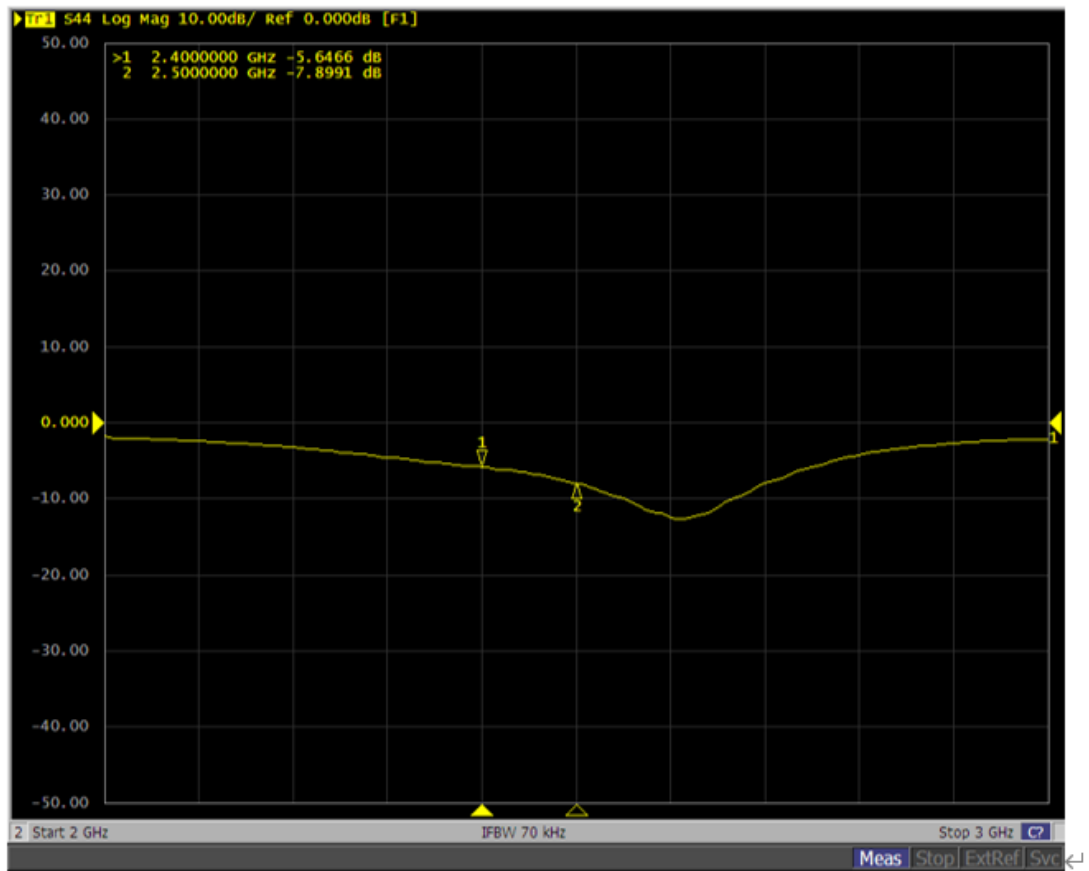
Antenna position:



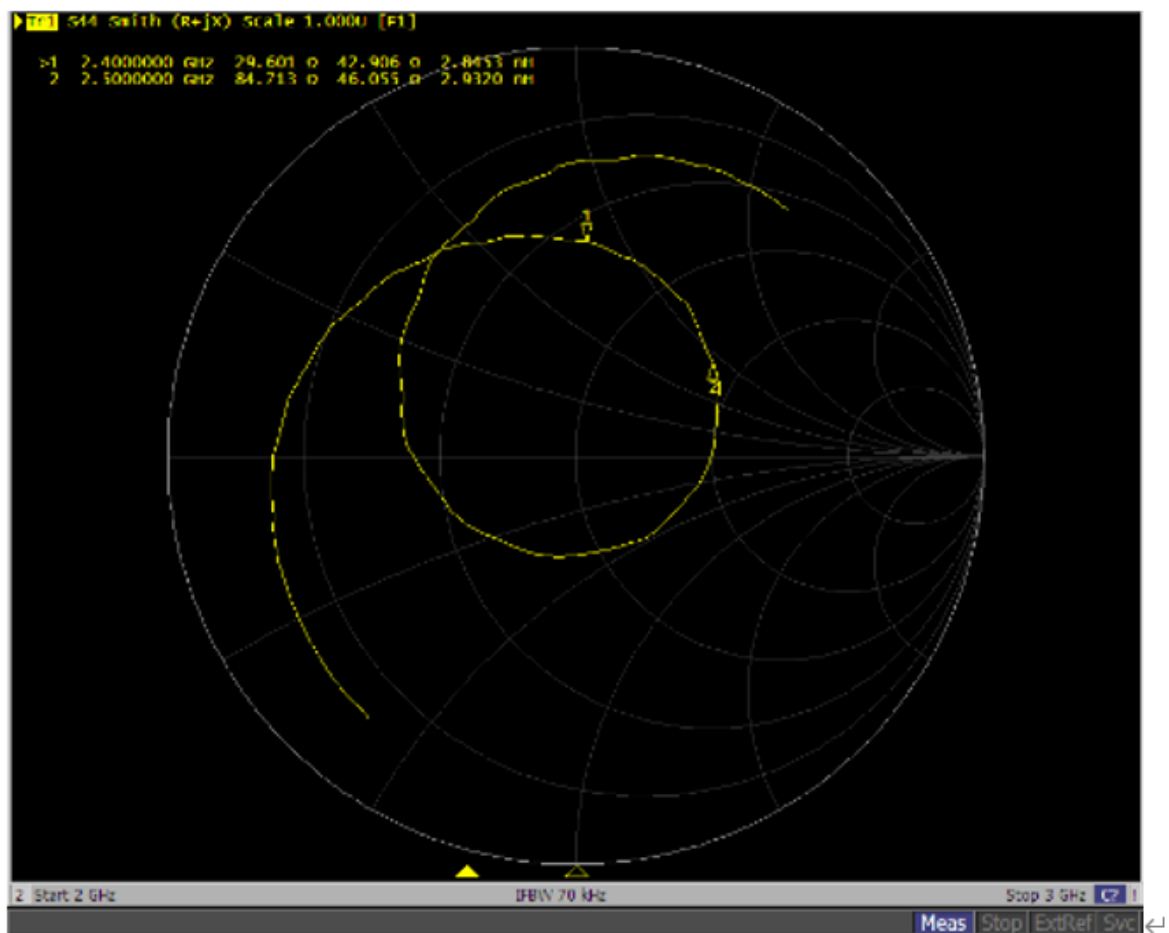
BT passive test result:

Frequency	Efficiency	Gain (dBi)	Frequency	Efficiency	Gain (dBi)
2.4GHz	31.40%	1.33	2.5GHz	35.30%	3.5
2.41GHz	31.30%	2.21	2.51GHz	36.00%	3.63
2.42GHz	32.30%	2.42	2.52GHz	40.80%	3.66
2.43GHz	34.40%	3.25	2.53GHz	41.10%	3.78
2.44GHz	31.40%	1.32	2.54GHz	41.30%	3.76
2.45GHz	32.60%	2.65	2.55GHz	41.10%	3.53
2.46GHz	32.90%	2.73	2.56GHz	41.50%	3.59
2.47GHz	34.30%	3.14	2.57GHz	45.50%	3.89
2.48GHz	34.80%	3.28	2.58GHz	45.50%	3.85
2.49GHz	33.20%	3.04	2.59GHz	47.90%	3.94

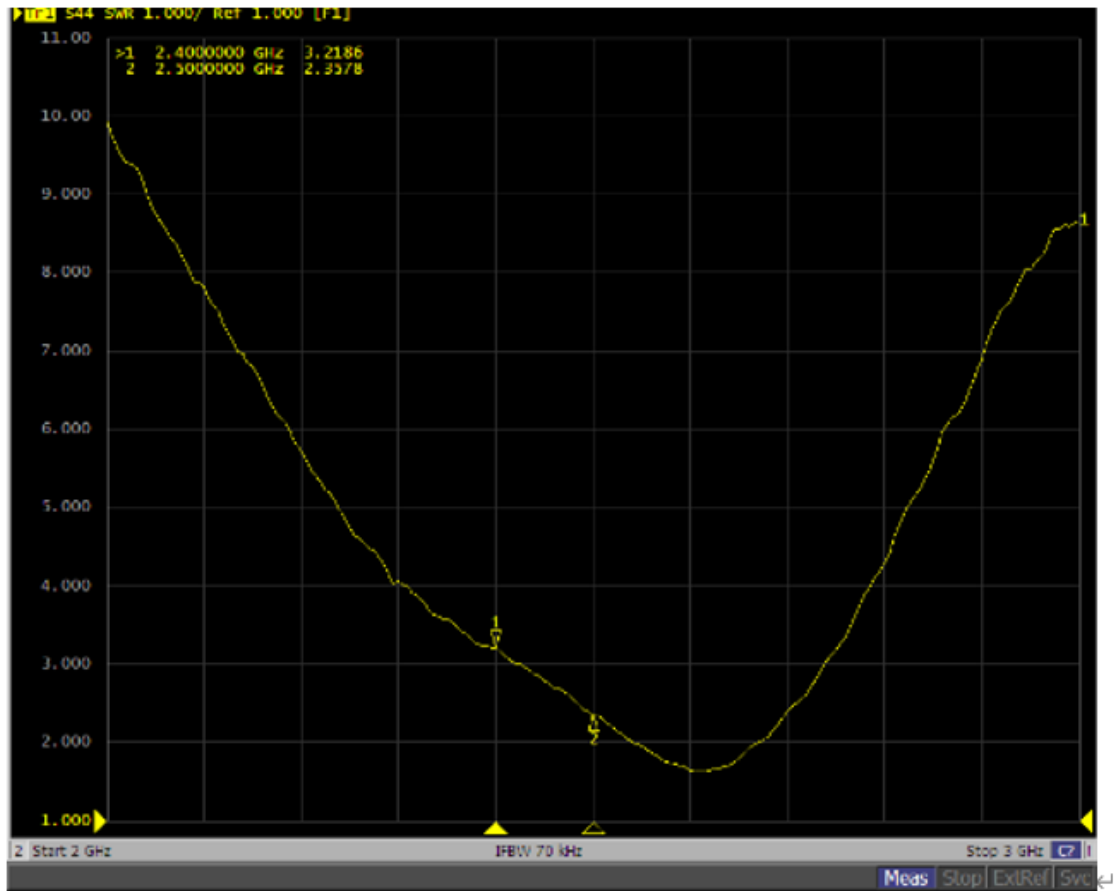
BT return loss



BT smith original

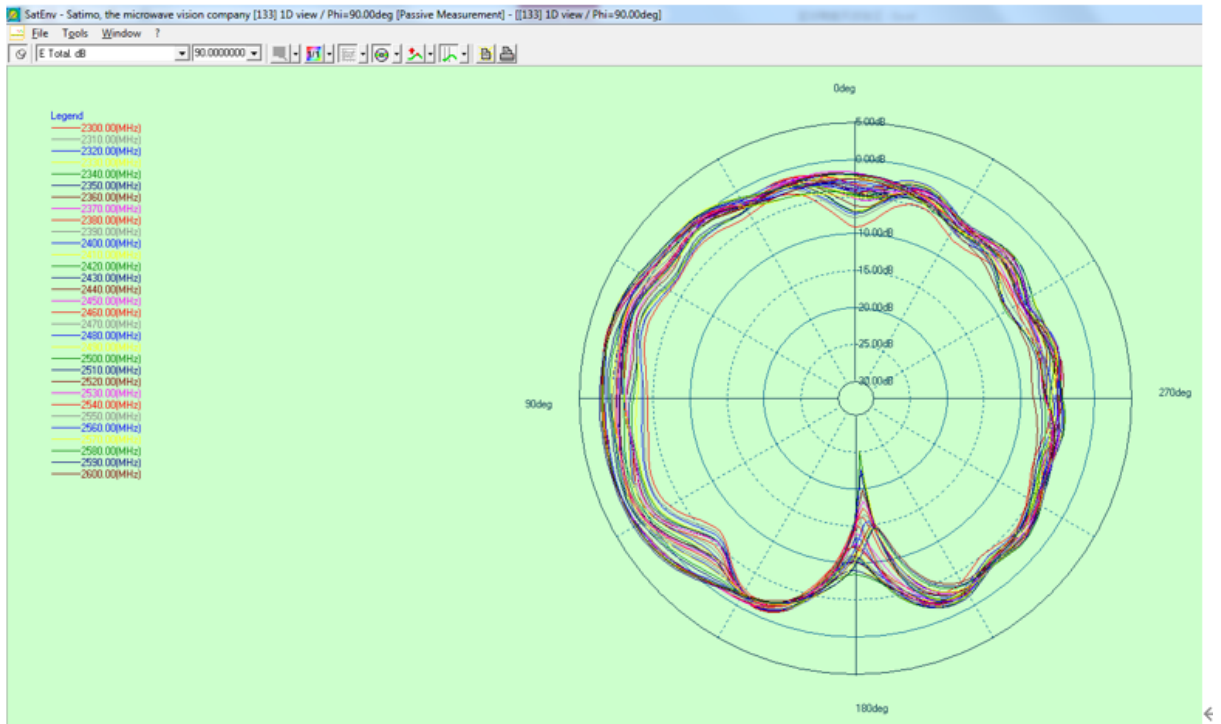


BT standing wave ratio

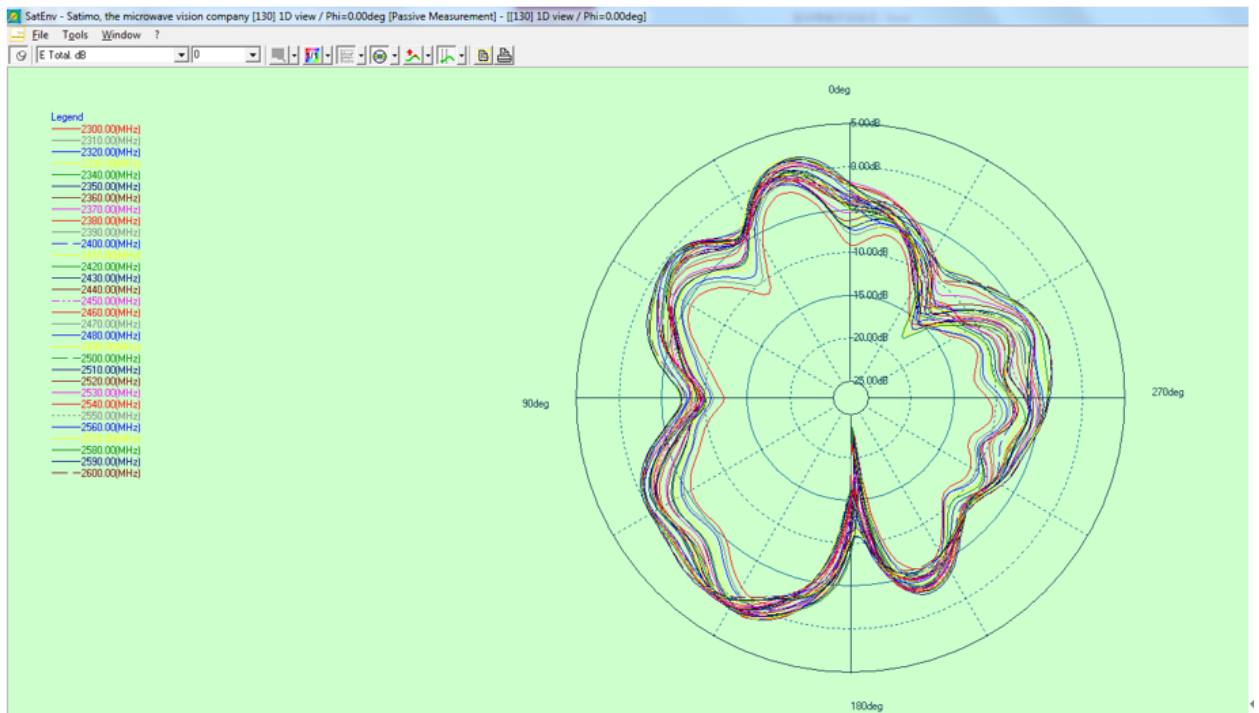


E1 side

E1 side



E2 side



H side

