

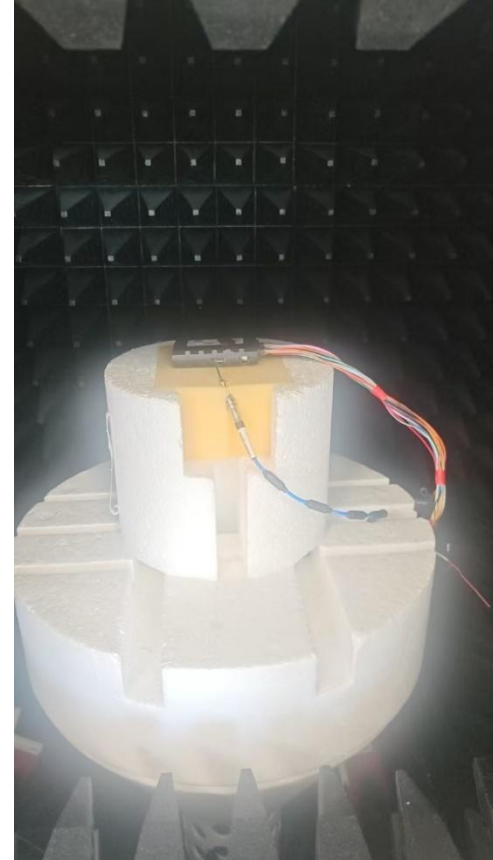


GV350CEU BT Antenna Test Report

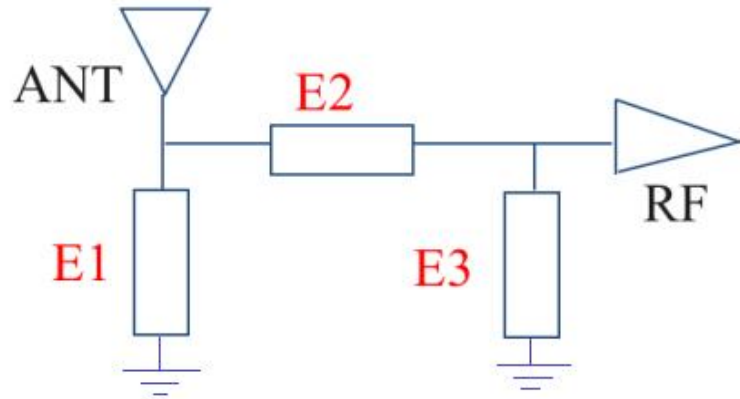
International Telematics Solutions Innovator

1、Test Piece

- 1、Project Name: GV350CEU
- 2、Antenna Requirements: BT 2.4G
- 3、Antenna Frequency: 2.4GHZ~2.48GHZ



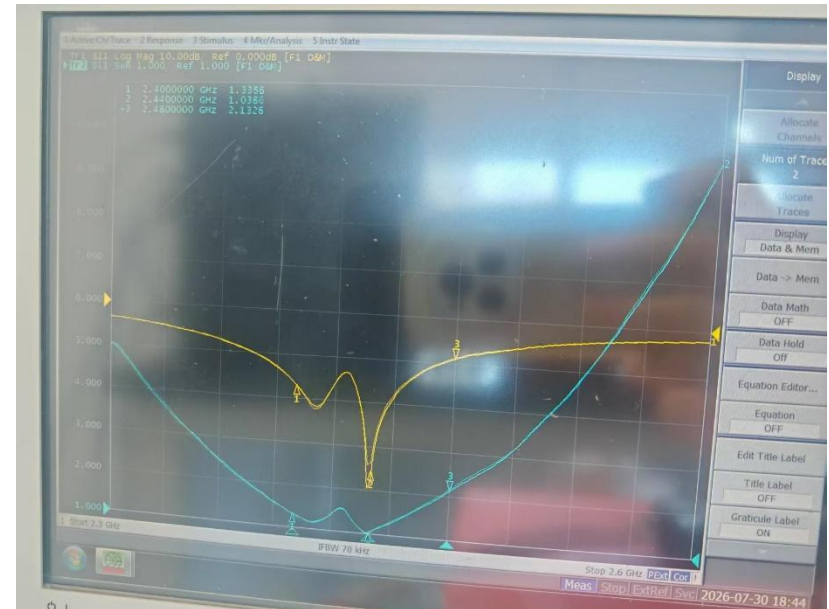
2、Antenna Matching



E1	NM
E2	1.5PF
E3	0.7PF

3、Antenna Return Loss & VSWR

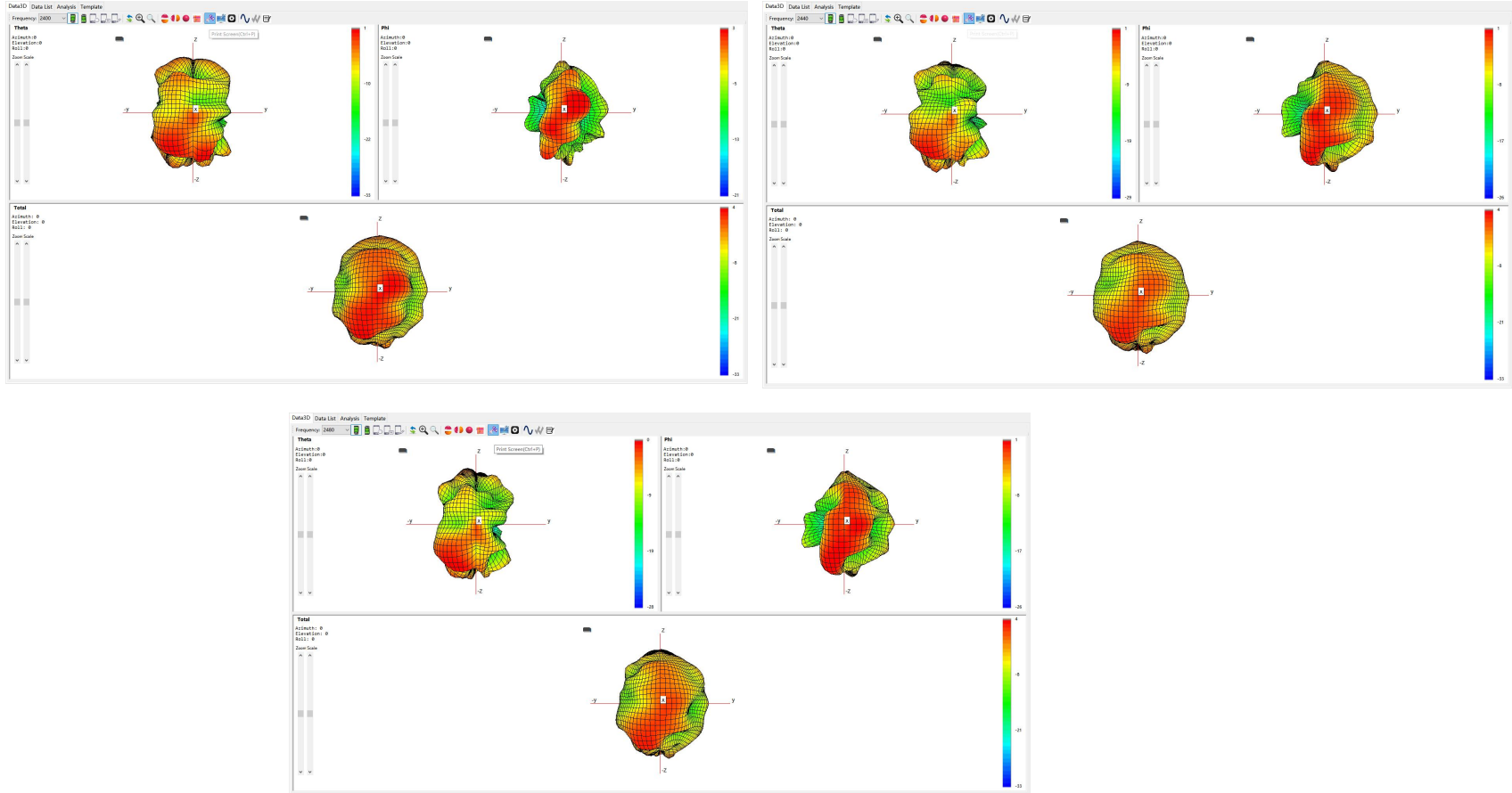
Antenna	BT Antenna		
Frequency (MHz)	2400	2440	2480
R.L.(dB)	-16.91	-35.68	-8.88
VSWR	1.33	1.03	2.13



4、Antenna Passive Data

Freq(MHz)	Efficiency_dB	Gain (dBi)	Efficiency_%
2400	-3.03	3.64	49.78
2405	-3	3.77	50.12
2410	-3.02	3.87	49.86
2415	-3.12	3.84	48.79
2420	-3.44	3.5	45.25
2425	-4.29	2.11	37.26
2430	-4.43	1.62	36.06
2435	-3.87	2.03	41.04
2440	-3.57	2.34	43.91
2445	-3.45	2.47	45.22
2450	-3.4	2.52	45.72
2455	-3.41	2.54	45.62
2460	-3.49	2.5	44.76
2465	-3.59	2.4	43.72
2470	-3.7	2.32	42.67
2475	-3.79	2.26	41.83
2480	-3.91	2.19	40.63
2485	-4.07	2.05	39.2

5、Radiation Pattern





Summary:

Based on the passive data, the overall performance of the current antenna is acceptable.



Thank You

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