

Antenna Specifications

Model No: HS5100S-Soundbar FPC

Manufacture Name: Eastech (Huizhou) Co., Ltd

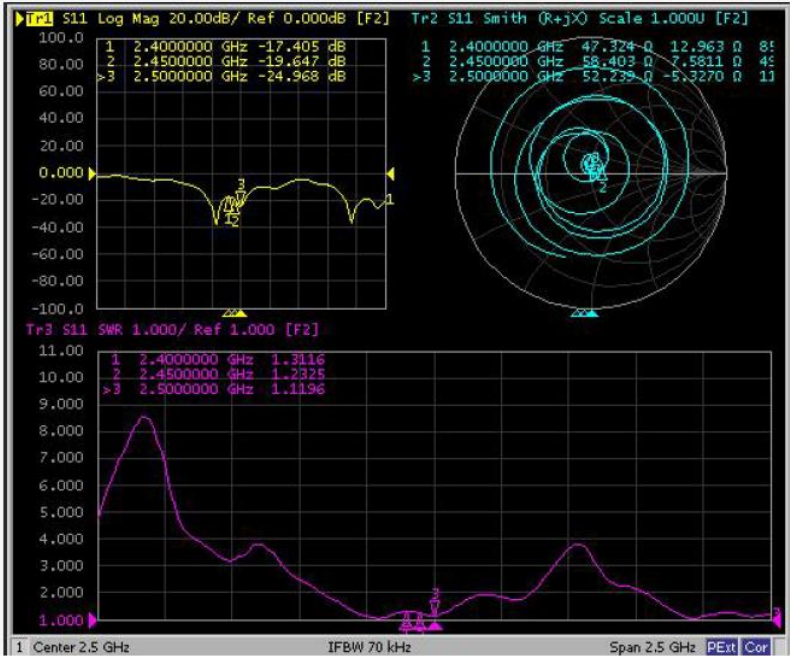
Manufacture address :Building 6 (Unit 1 of 1/F and all units of 2/F to 8/F),
Meilonghu Intelligent Manufacturing Industrial Park (Phase II)
between Dongfong Village's junction with Chanjing Village of Xinxu,
No. 1, Xinglong Road, Xinxu, Huiyang, Huizhou City, 516226 Guangdong, P.R. China

Tested BY: Xingxi Xia

Test data:2026-5-22

Source-free waveform diagram

BT



Antenna passive efficiency:

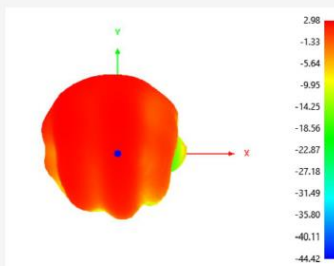
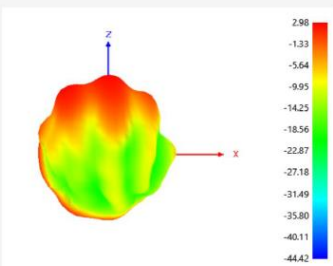
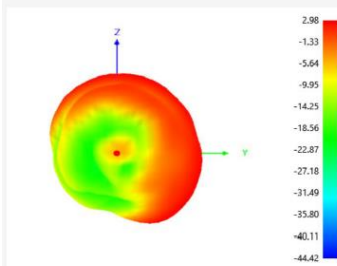
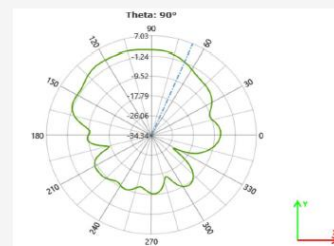
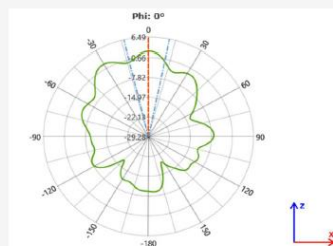
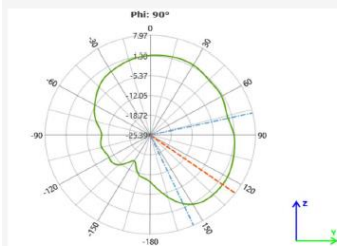
BT Passive Efficiency

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	62.52	-2.04	2.21
2410	63.27	-1.99	2.35
2420	63.52	-1.97	2.46
2430	64.05	-1.93	2.55
2440	64.21	-1.92	2.77
2450	64.69	-1.86	2.98
2460	65.14	-1.89	2.81
2470	64.64	-1.89	2.72
2480	64.06	-1.93	2.65
2490	63.98	-1.94	2.43
2500	63.13	-2.00	2.32

Antenna Passive Efficiency Field Pattern:

2450MHz

BT Passive Efficiency Field Pattern



FPC Antenna dimensions

Unit: mm

