

Antenna Specifications

Model No: HS5100S-Soundbar PCB

Manufacture Name: Eastech (Huizhou) Co., Ltd

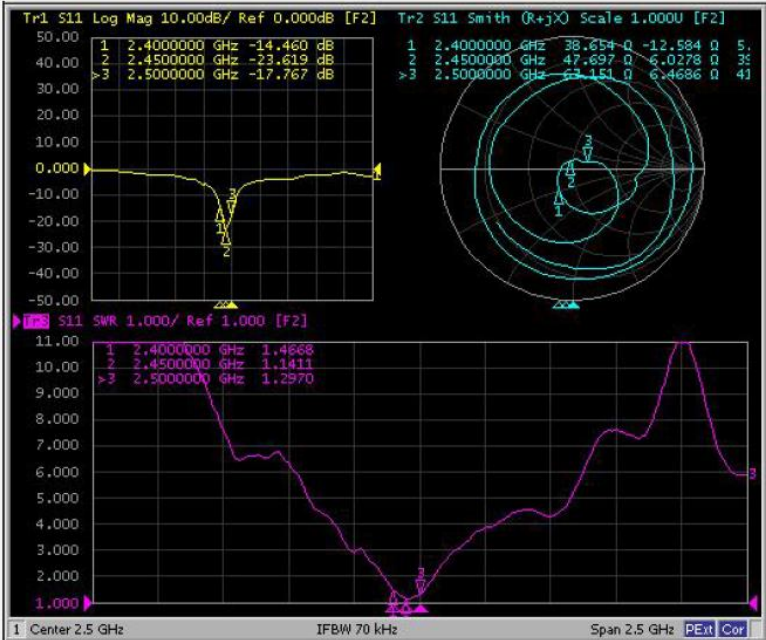
Manufacture address :Building 6 (Unit 1 of 1/F and all units of 2/F to 8/F),
Meilonghu Intelligent Manufacturing Industrial Park (Phase II)
between Dongfong Village's junction with Chanjing Village of Xinxu,
No. 1, Xinglong Road, Xinxu, Huiyang, Huizhou City, 516226 Guangdong, P.R. China

Tested BY: Xingxi Xia

Test data: 2026-5-22

Source-free waveform diagram

wireless



Antenna passive efficiency:

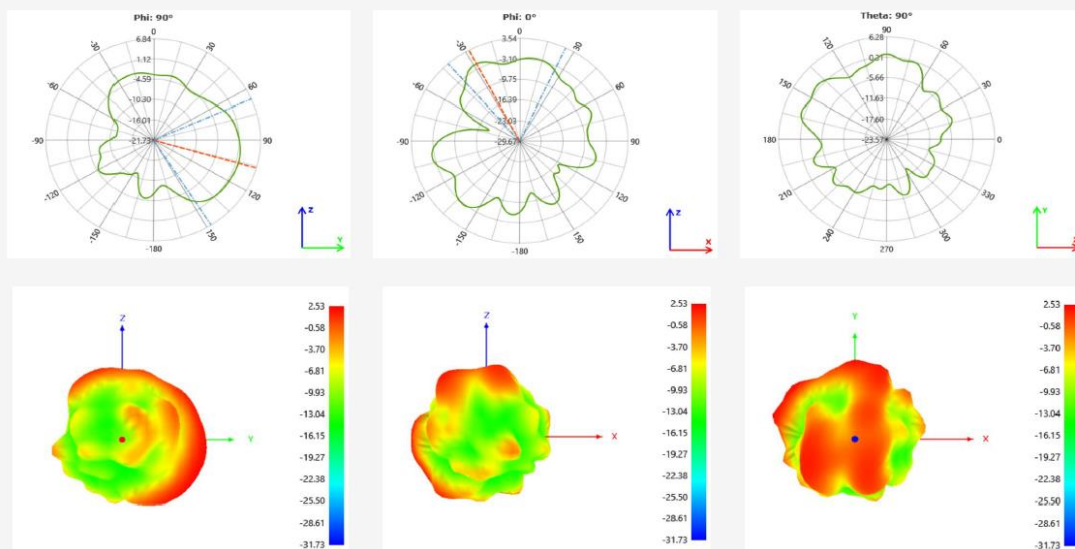
wireless Passive Efficiency

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	42.79	-3.69	2.15
2410	43.44	-3.62	2.26
2420	44.37	-3.53	2.34
2430	44.71	-3.50	2.47
2440	44.92	-3.48	2.51
2450	45.41	-3.48	2.53
2460	44.89	-3.43	2.43
2470	43.94	-3.57	2.46
2480	43.81	-3.58	2.26
2490	43.22	-3.64	2.14
2500	42.65	-3.70	2.02

Antenna Passive Efficiency Field Pattern:

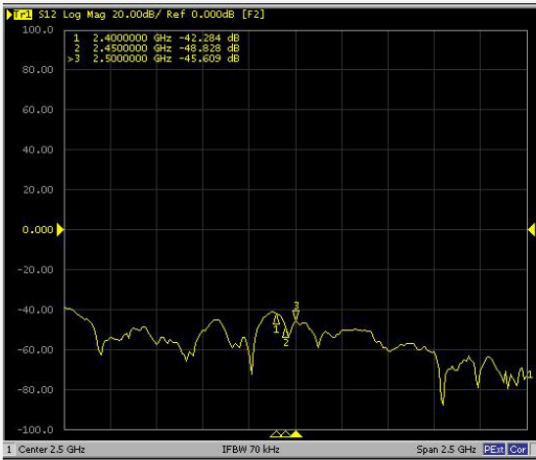
2450MHz

wireless Passive Efficiency Field Pattern



Antenna Isolation:

BT and Wireless



Antenna Isolation Table (BT vs Wireless)

Frequency (GHz)	2.400	2.450	2.500
Isolation(dB)	-42.284	-48.828	-45.609

Antenna dimensions

