

No. 8, Longsheng Road, Longgang Community, Longgang Subdistrict, Longgang District, Shenzhen City

MS80天线规格书
MS80 Antenna Specification

日期: 2025/11/26
Date:

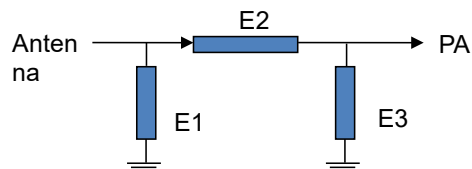
天线 Antenna	频段 Frequency Band	型号 model	材质 Material
蓝牙 (BT) Bluetooth	2400-2480MHz	MS80	板载天线 PCB Antenna

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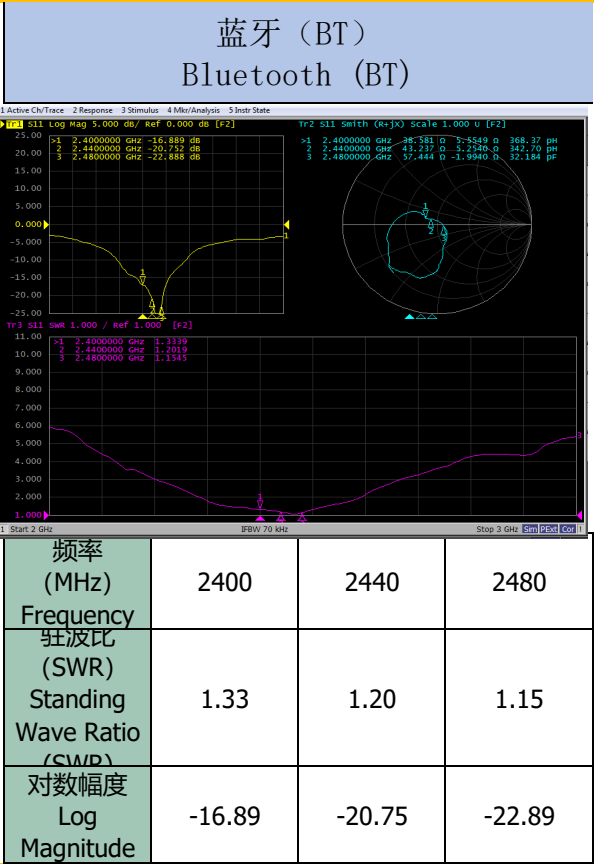
天线端匹配电路:

Antenna Matching Network:



元件 Component	
E1(0201)	NC (未装) NC (Not Populated)
E2(0201)	未更改 Unchanged
E3(0201)	NC (未装) NC (Not Populated)

天线无源S11参数测试:
Passive Antenna S11 Measurement:

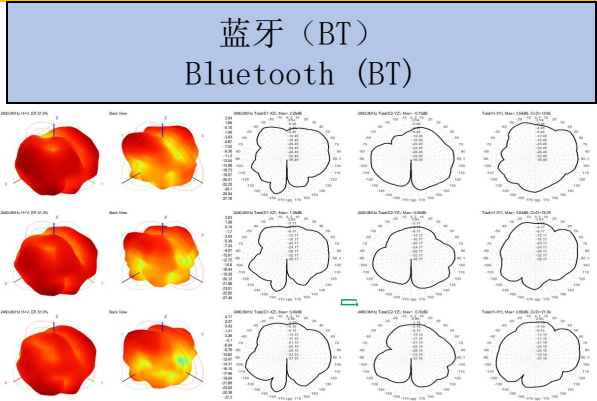


天线无源效率与增益测试:
Passive Antenna Efficiency and Gain Measurement:

蓝牙 (BT)
Bluetooth (BT)

频率 (MHz) Frequency (MHz)	增益 (dBi) Gain (dBi)	效率 (%) Efficiency (%)	效率 (dB) Efficiency (dB)
2400	3.54	51.51	-2.88
2410	3.78	51.28	-2.90
2420	3.80	52.17	-2.83
2430	3.84	51.95	-2.84
2440	3.83	51.30	-2.90
2450	3.82	50.70	-2.95
2460	3.82	50.24	-2.99
2470	4.01	51.08	-2.92
2480	4.11	51.00	-2.92

天线无源辐射方向图：
Passive Antenna Radiation Pattern:



天线OTA测试:
Antenna OTA Test:

蓝牙 (BT) Bluetooth (BT)		
信道 Channel	总辐射功率 (TRP) Total Radiated Power (TRP)	总全向灵敏度 (TIS) Total Isotropic Sensitivity (TIS)
0	4.78	-74.13
39	4.88	-79.28
78	4.03	-79.83

天线位置与匹配图片:
Antenna Location and Matching Network Photos:

