

Manufacturer: Heyuan Xunwei Communication Technology Co., Ltd

Supplierspecifications: Main antenna

Supplier model: GW20

Customer Name : DASHIQI

Customer Item No : GW20

Version No : antenna V1.0

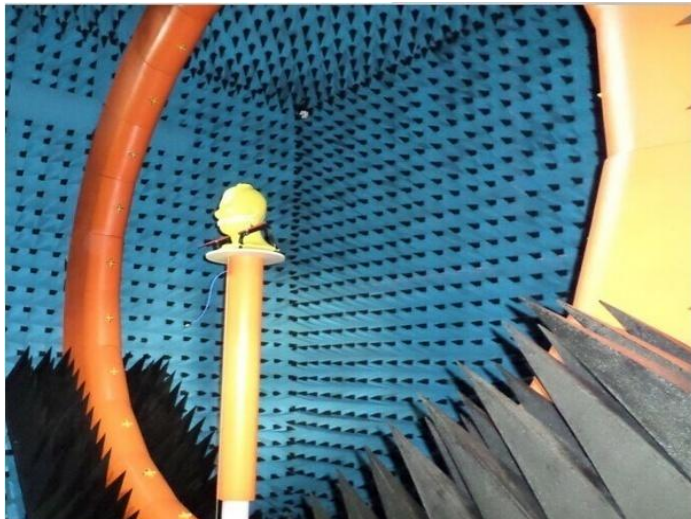
Sample delivery date : 2025/7/4

Antenna Type: PIFA Antenna

Address: A316, Building A, Languang Technology Building, No. 5 Xinx
Road, Nanshan District, Shenzhen

Heyuan Xunwei Communication Technology Co., Ltd

1 . Test instrument and environment: STM darkroom, CMW500 / E5071B, the mobile phone is placed back to the turntable 4 meters away from the standard horn antenna:



序号	Work index	Working parameters
1	working frequency	2400-2500MHZ
2	Standing wave ratio	≤ 3.0
3	Return loss	6dB Max
4	Antenna gain	Peak gain 2400MHZ-2500MHZ:-0.41 dBi
5	Antenna efficiency	35%
6	Polarization direction	Vertical / horizontal
7	Interface type	PIFA
8	Antenna size	antenna:17.4*5.3*1.5MM

Antenna structure



BT:

Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	-0.74	33.25
2410	-0.8	33.11
2420	-0.53	33.58
2430	-0.41	34.29
2440	-0.9	32.52
2450	-0.67	33.31
2460	-0.75	33.91
2470	-1.07	32.22
2480	-1.3	32.72
2490	-1.22	32.45
2500	-0.92	32.58

BT:

