
Heyuan Xunwei Communication Technology Co., Ltd
SPECIFICATION FOR APPROVAL

supplier: Heyuan Xunwei Communication Technology Co., Ltd

Supplierspecifications: Main antenna

Supplier model: SN02

Customer Name : DASHIQI

Customer Item No : SN02

Version No : antenna V1.0

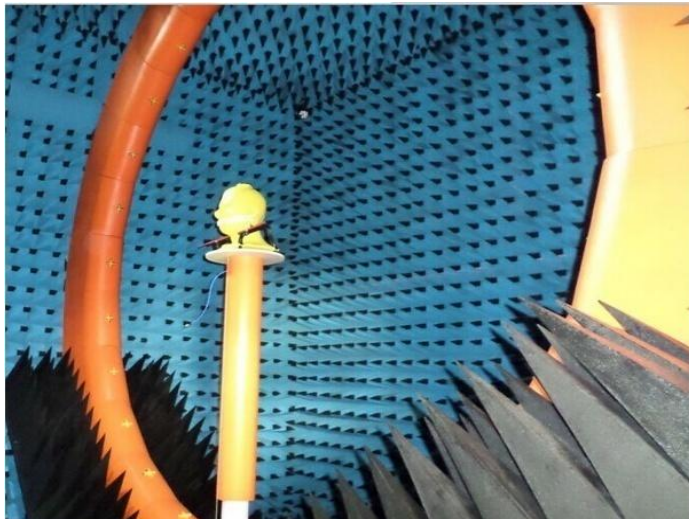
Sample delivery date : 2025/7/4

Antenna Type: LDS 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:



2. Antenna performance:

序号	Work index	Working parameters
1	working frequency	1575MHZ
2	Standing wave ratio	≤ 3.0
3	Return loss	6dB Max
4	Antenna gain	Peak gain 1575MHZ:0.96 dBi
5	Antenna efficiency	35%
6	Polarization direction	Vertical / horizontal
7	Interface type	PIFA
8	Antenna size	antenna:42*13.5*4.45MM

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Antenna structure



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	-0.03 dBi
5	Antenna efficiency	35%
6	Polarization direction	Vertical / horizontal
7	Interface type	PIFA
8	Antenna size	antenna:14*7.7*2.2MM

BT:

Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	-0.52	29.11
2410	-0.21	28.98
2420	-0.32	29.45
2430	-0.11	30.7
2440	-0.04	30.87
2450	-0.16	30.39
2460	-0.25	29.63
2470	-0.03	31.25
2480	-0.32	30.96
2490	-0.89	28.19
2500	-0.8	29.29

BT:

