

Product Datasheet

Creatcomm Technologies Co., Ltd

号

Electrical parameters

Frequency	2.4~2.5/5.15~5.85GHz
Impedance	50 ± 2 Ohm
S.W.R.	≤ 2.0
Antenna Gain	3dBi
Max Input Power	≥ 2 W

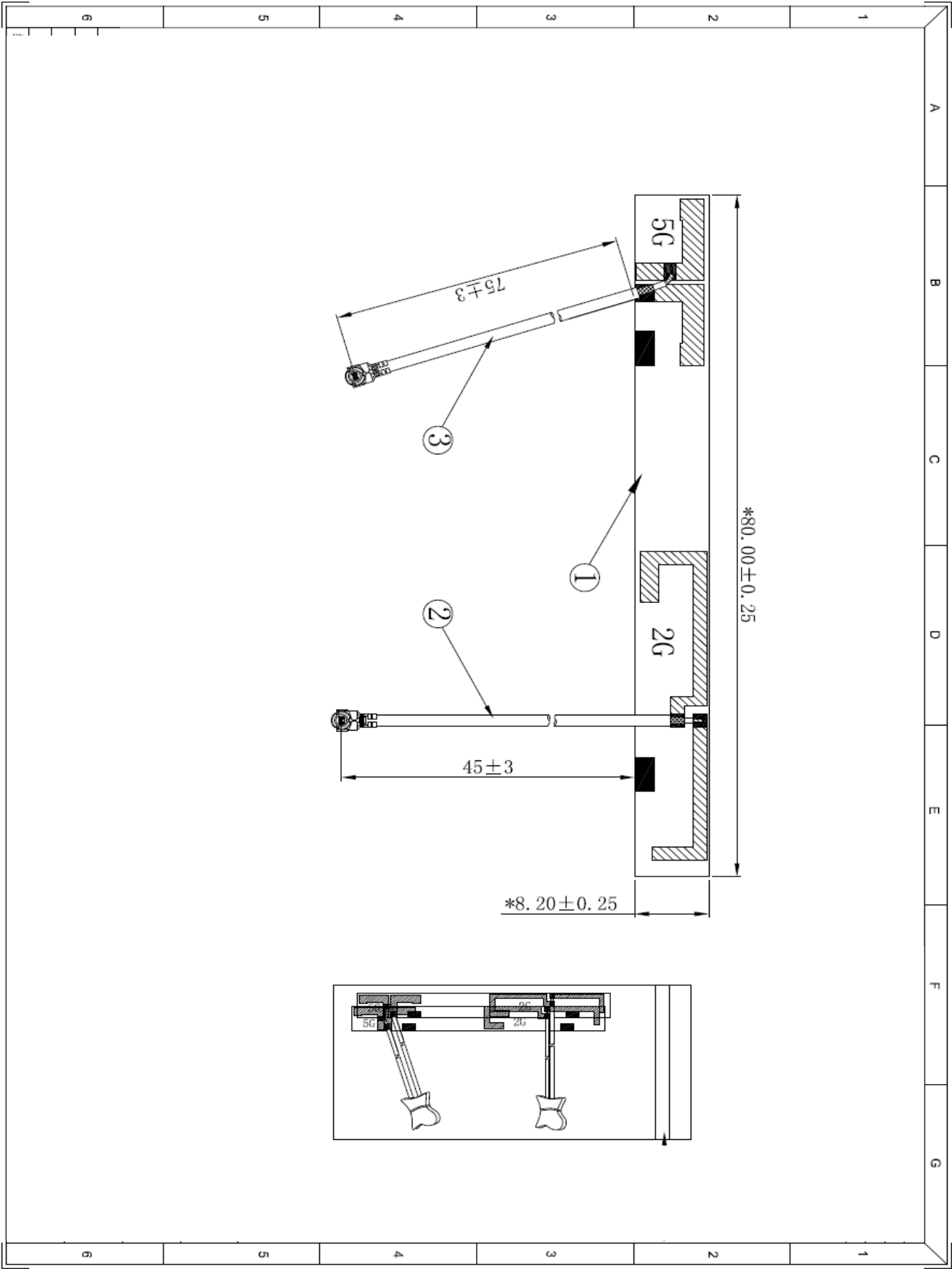
Mechanical parameters

Connector Type	MHF PLUG FOR 1.13 CABLE
Cable Type	50 Ω ,1.13 coaxial-cable OD1.13mm,White & Black
Material of PCB	FR-4
weight	2.0g
Antenna Dimensions	L80*W8.2mm
Packaging	PE Package

Operating/ Storage Temperature

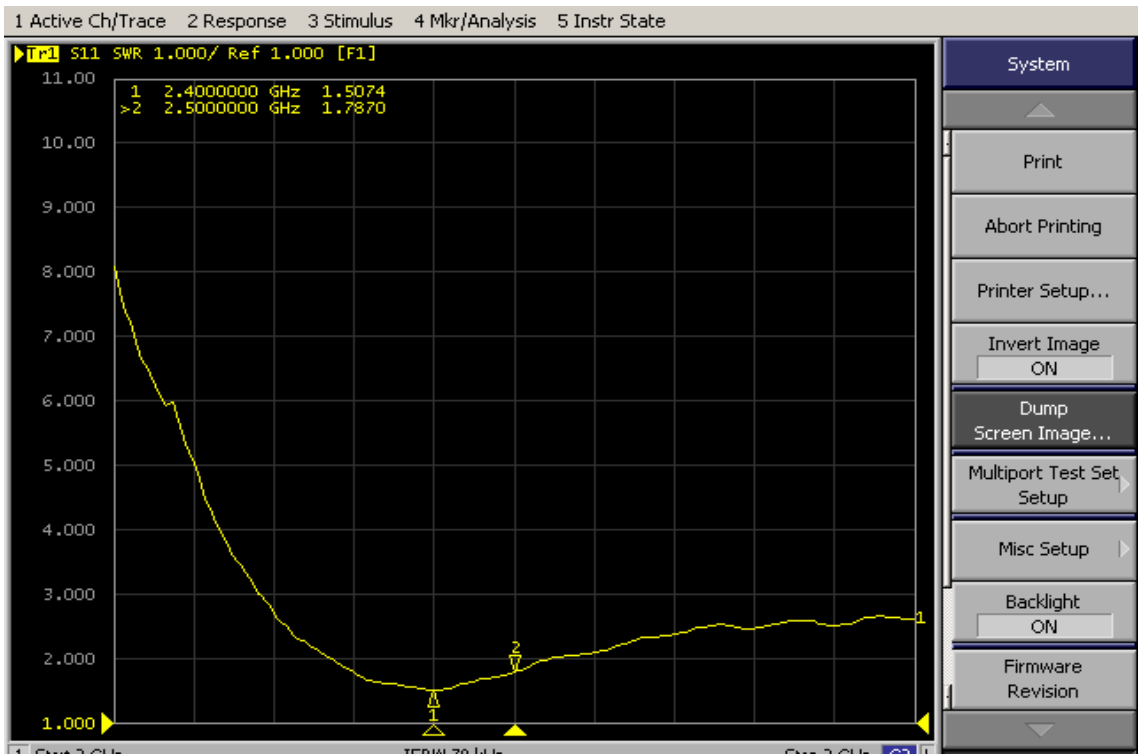
Operating Temperature	-30℃~65℃
Storage Temperature	-40℃~80℃

Product drawings

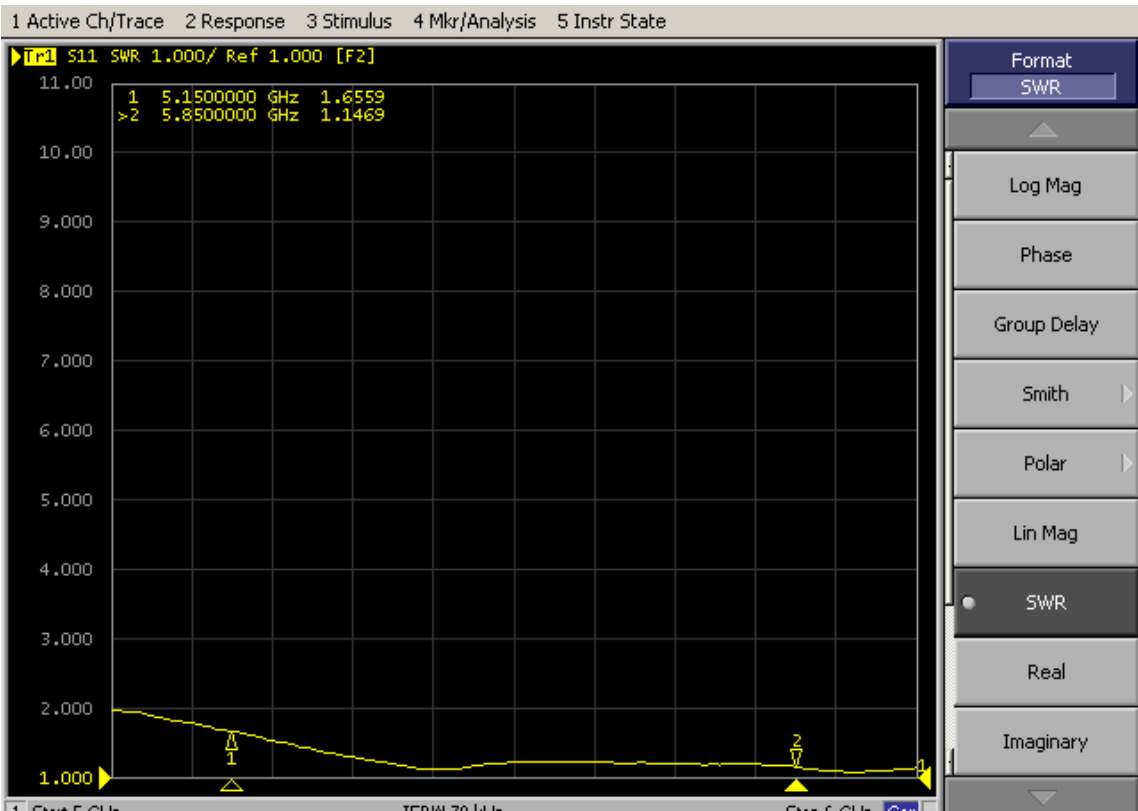


The test data

1.2.4G VSWR



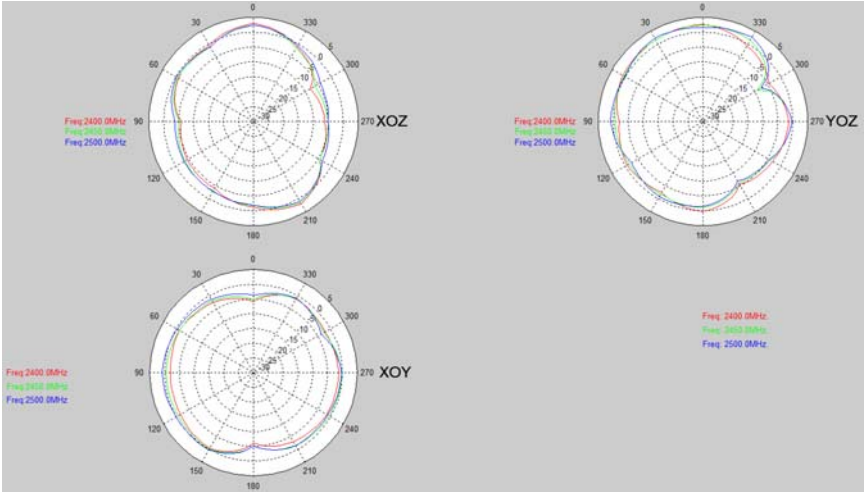
5.8G VSWR



2. 2.4G Efficiency & Gain

2.4G-2			
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-1.93	64.18%	2.98
2410	-2.16	60.87%	2.70
2420	-2.13	61.25%	2.64
2430	-2.12	61.36%	2.64
2440	-1.97	63.55%	2.94
2450	-2.07	62.07%	2.85
2460	-1.90	64.50%	2.87
2470	-1.82	65.71%	2.90
2480	-1.83	65.56%	2.89
2490	-1.71	67.50%	3.11
2500	-1.69	67.82%	2.78

2.4G 2D Field Pattern



3. 5.8G 效率&增益

5.8G-2			
Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
5150	-1.95	63.76%	2.82
5250	-1.87	65.09%	3.38
5350	-2.13	61.21%	2.63
5450	-1.96	63.75%	2.49
5550	-1.69	67.75%	3.28
5650	-1.68	67.85%	3.73
5750	-2.14	61.15%	2.53
5850	-2.00	63.11%	2.25

5.8G 2D Field Pattern

