

Parts Approval Sheet

Manufacture : ShenZhen NQI network communication ltd

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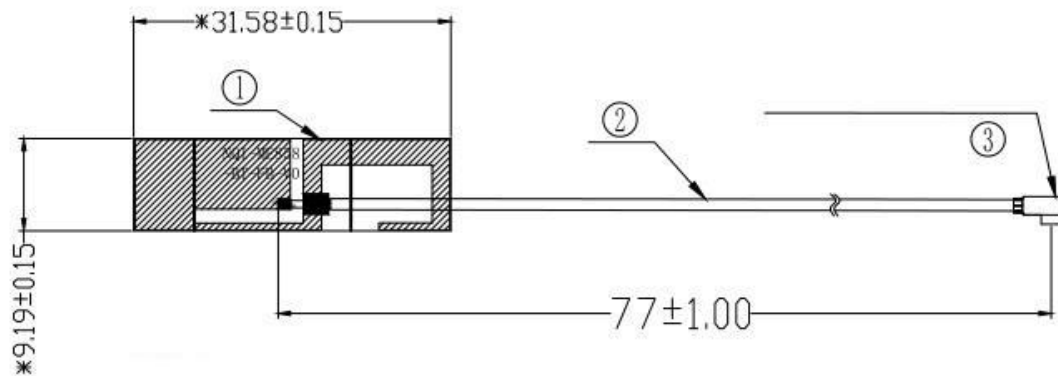
Tel: +86-0755-28500656

Fax: +86-0755-28700656

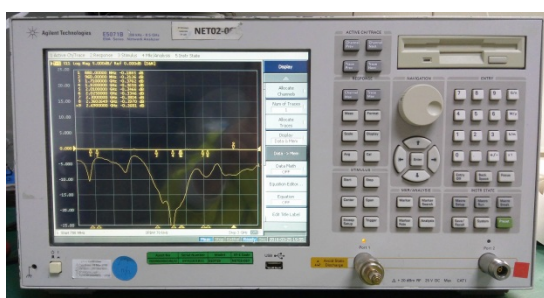
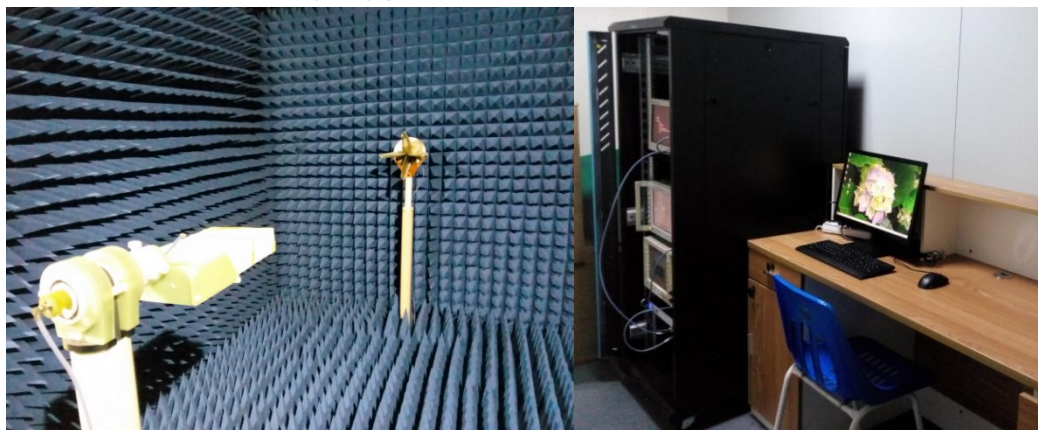
FPC Antenna

Model: NQI-ME858-BT-FB-V0

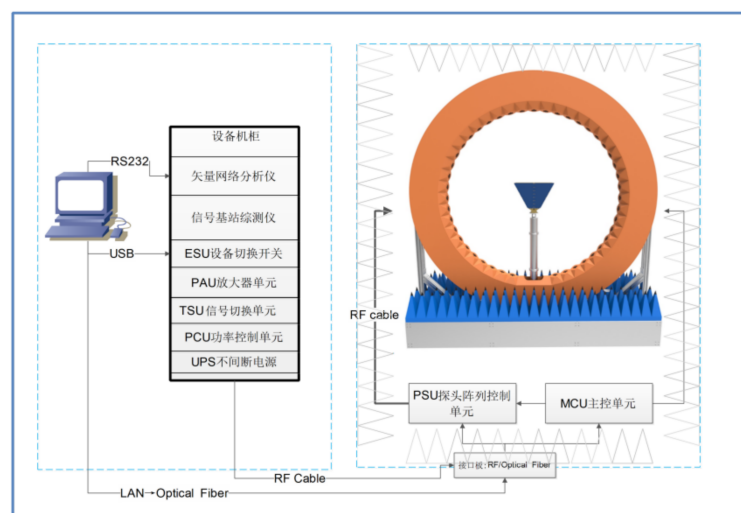
Size (Sample picture and description) :

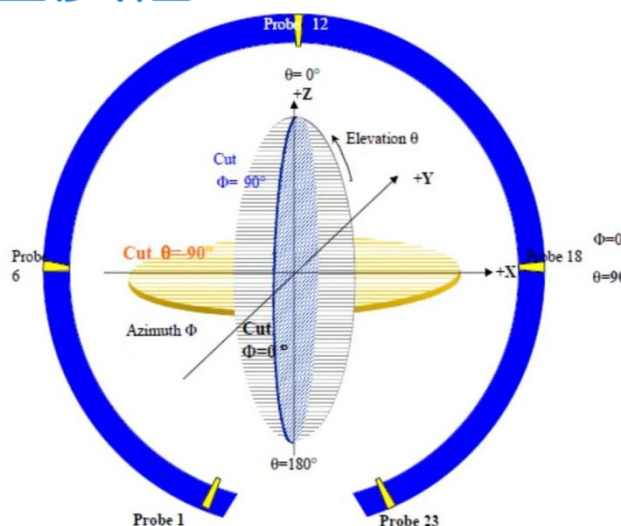


Electrical Specifications	
Frequency range	(2400-2500)MHz
impedance	50 ohm
VSWR	≤ 2.0
Gain	3.57DBi

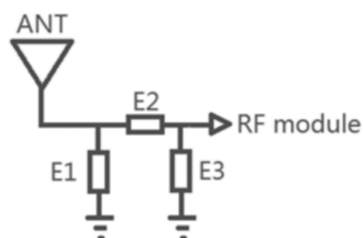


Chamber connection and coordinates :



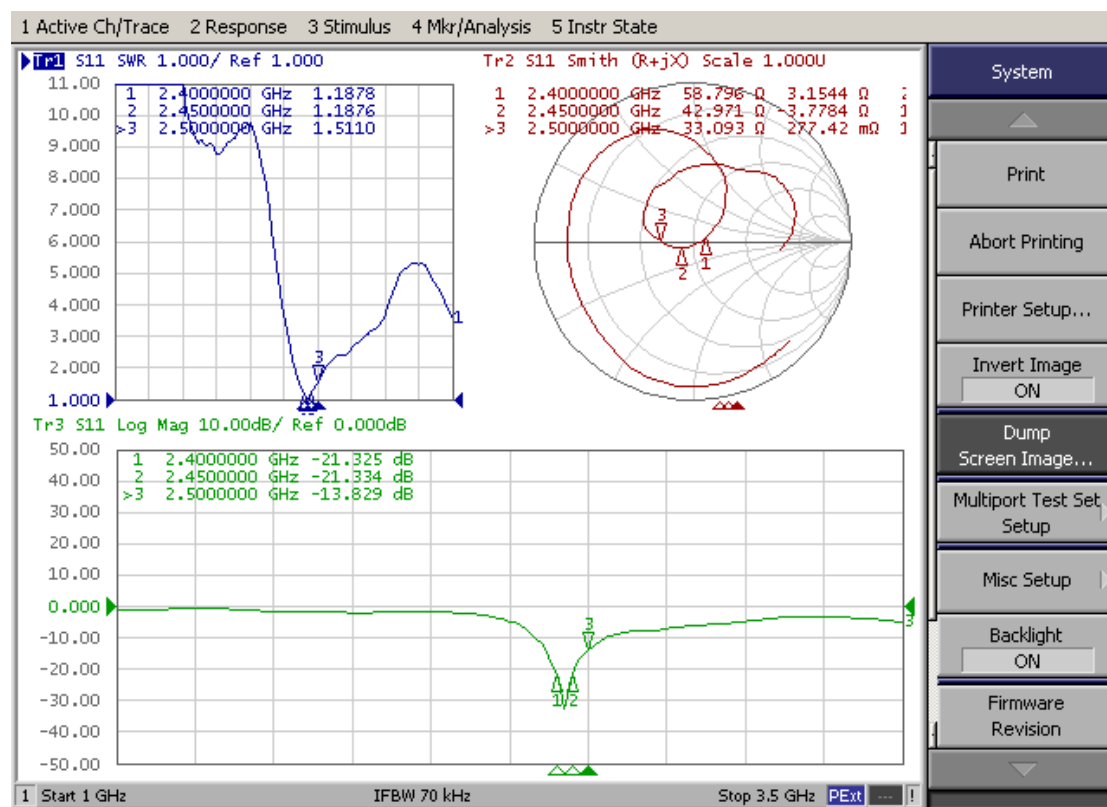


Antenna matching network:



Element	L (Value)	R (Value)
E1(0201)	NC	NC
E2(0201)	0 Ω	0 Ω
E3(0201)	NC	NC

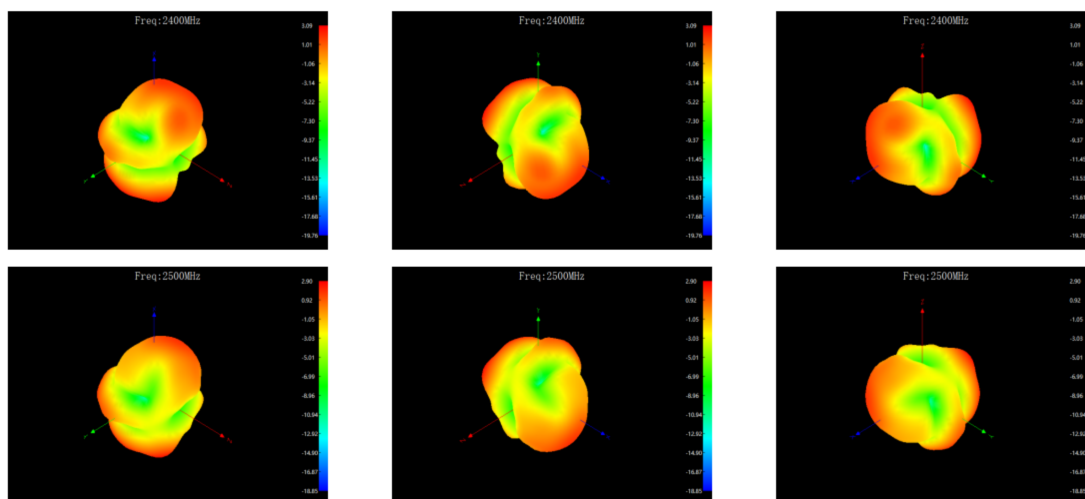
RL/VSWR/Smith Chart



Gain and efficiency

Frequency/Mhz	MaxGain/dBi	Efficiency / %
2400	3.09	67.92
2410	3.18	65.77
2420	3.57	66.68
2430	3.38	64.57
2440	3.3	65.46
2450	3.41	64.42
2460	3.26	63.24
2470	3.12	61.38
2480	2.85	58.08
2490	3.27	59.43
2500	2.9	57.02

6.2 3 D photo



6.3 TRP&TIS OTA data

6.3.1 TRP&TIS

Test	Bluetooth TRP&TIS		
Result	0	39	78
TRP(dBm)	3.43	2.41	2.28
TIS(dBm)	-88.51	-88.36	-89.06

6.3.2 TRP&TIS

Test	Bluetooth TRP&TIS		
Result	0	39	78
TRP(dBm)	3.93	3.49	3.33
TIS(dBm)	-89.05	-89.55	-89.88