

SPECIFICATION

PCB Antenna 9335 Size

2400-2500 MHz

P/N: RD-PCB-Q2ATN

1. Frequency

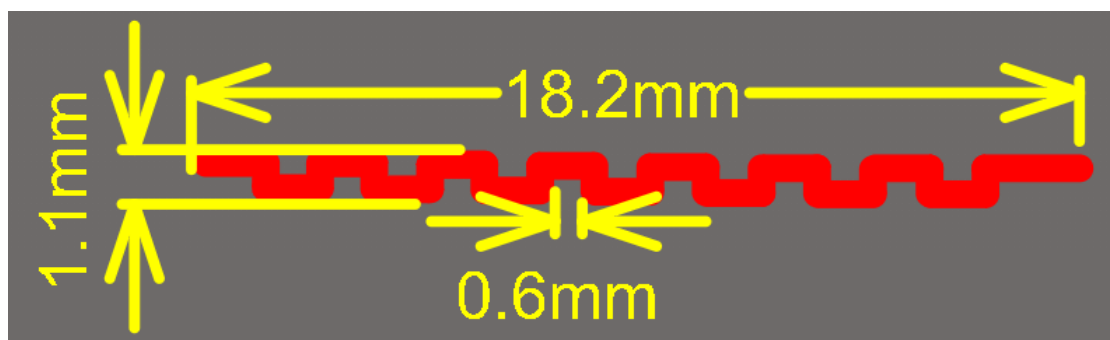
2400-2500 MHz

2. Applications

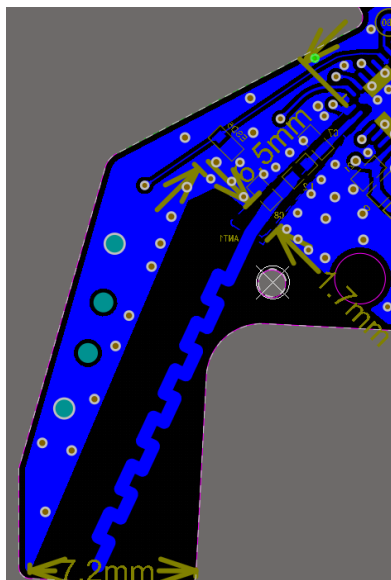
For Miniaturized Bluetooth System

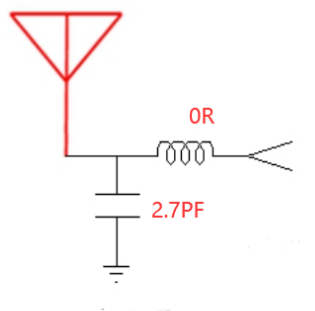
3. Dimensions (Unit : mm)

1). Over View :



2).PCB LAYOUT VIEW:





4. Electrical Characteristics

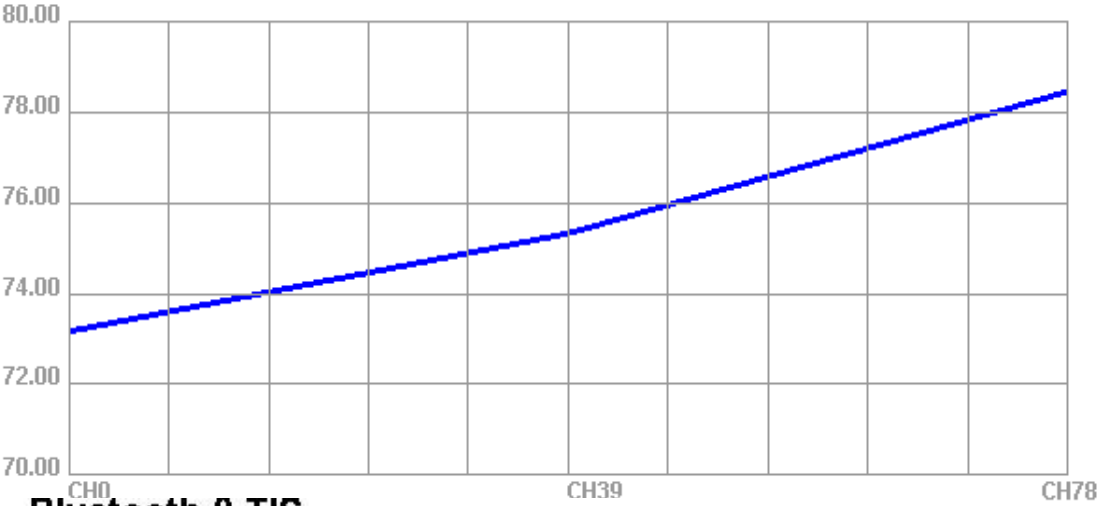
Part Number	RD-PCB-Q2ATN
Central Frequency	2450 MHz
Bandwidth	100(typ.) MHz
V.S.W.R	≤2.0
Peak Gain	0 dBi
Impedance	50 Ohm
Polarization	Linear
Azimuth Beamwidth	Omni-directional

Shenzhen Ruidasheng Technology co., Ltd
 Rooms 506-508, 5th Floor, Lijincheng Business Center, Yousong Community, Longhua Street,
 Longhua New District, Shenzhen Town

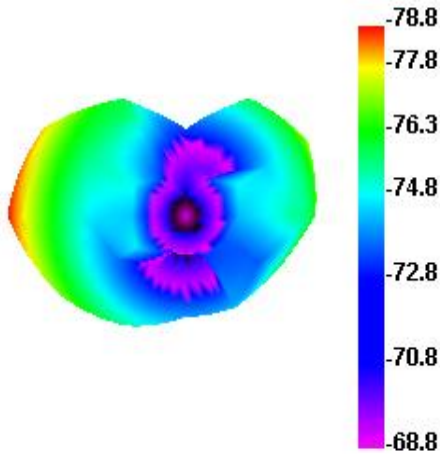
Test Result	Bluetooth TIS		
	0	39	78
Frequency (MHz)	2402	2441	2480
TIS (dBm)	-73.17	-75.33	-78.45
NHPIS (dBm) 45	-72.29	-74.63	-77.83
RSSI Ave	-9.11	-6.42	-4.23
MaxPosRSSI	-5.04	-2.3	1.16
MaxPosSens	-77.24	-79.44	-83.84
MAX (dBm)	-3.45	-0.81	2.69
EIS peak	-3.45	-0.81	2.69
Min (dBm)	-21.69	-17.32	-14.88
Attenuation Horiz	43.34	43.34	43.34
Attenuation Vertic	43.24	43.24	43.24

Application Information	
04Version	5.256.357
TotalTime	23m 30s 29ms
AdditionalInfor	4142B7931F92

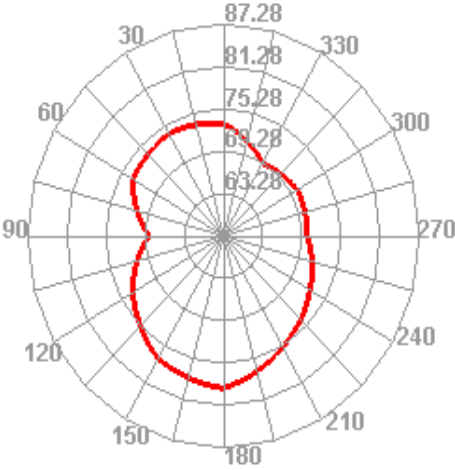
Bluetooth TIS



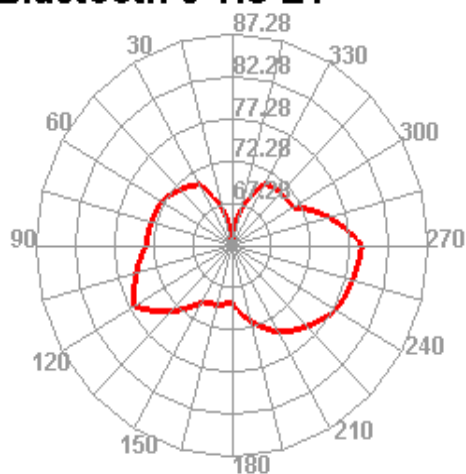
Bluetooth 0 TIS



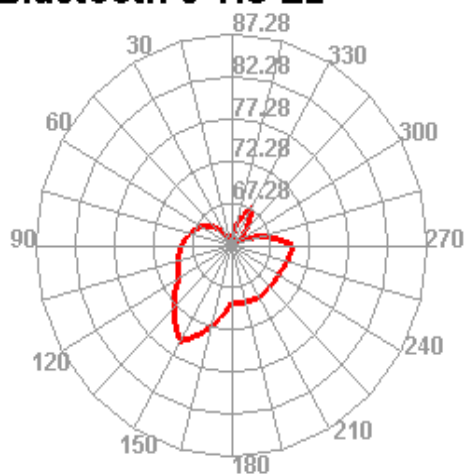
Bluetooth 0 TIS H



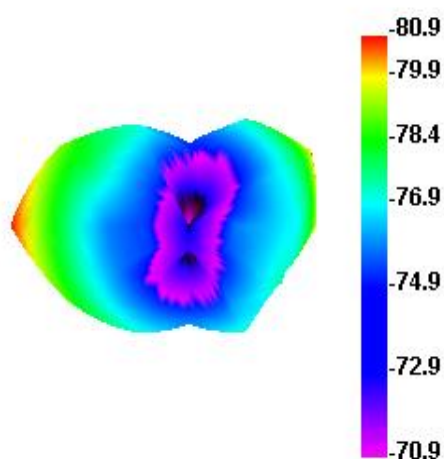
Bluetooth 0 TIS E1



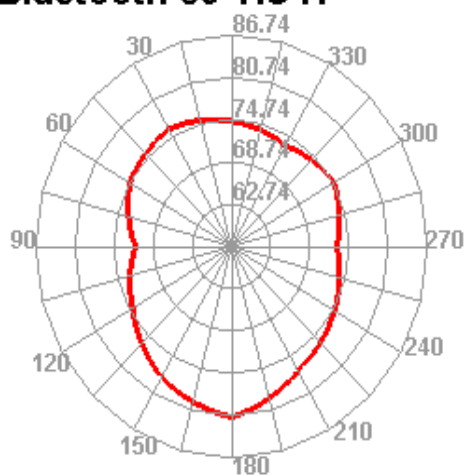
Bluetooth 0 TIS E2



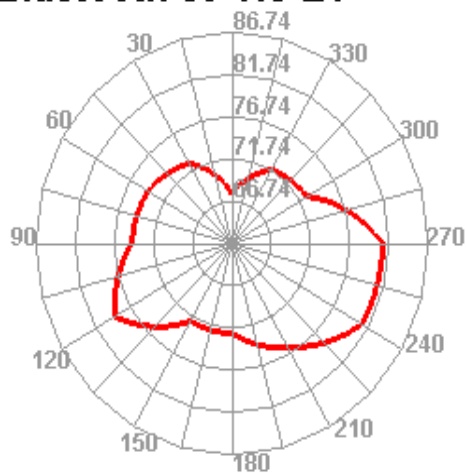
Bluetooth 39 TIS



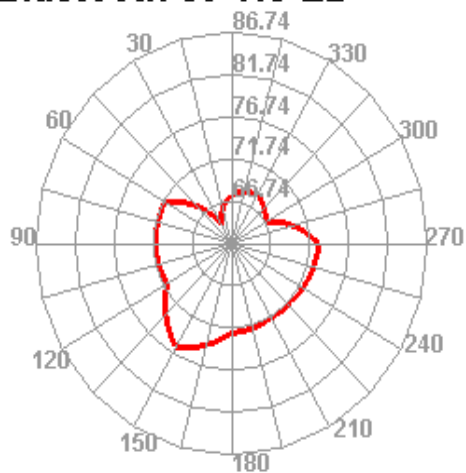
Bluetooth 39 TIS H



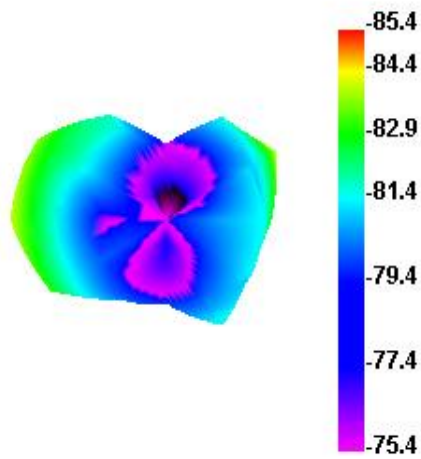
Bluetooth 39 TIS E1



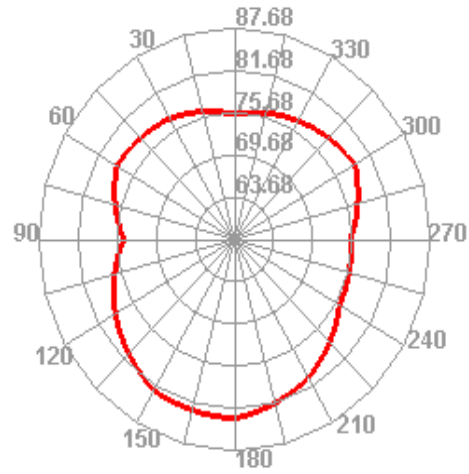
Bluetooth 39 TIS E2



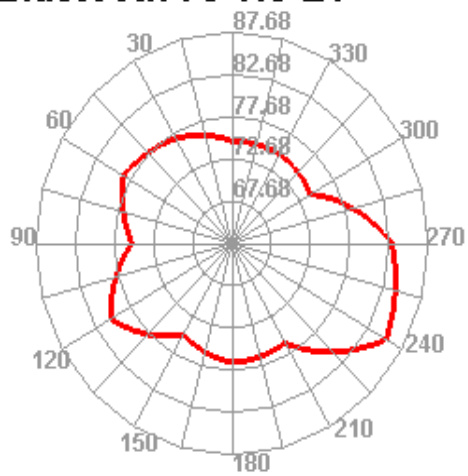
Bluetooth 78 TIS



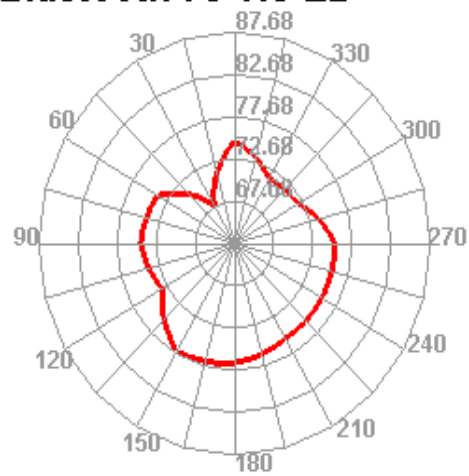
Bluetooth 78 TIS H



Bluetooth 78 TIS E1



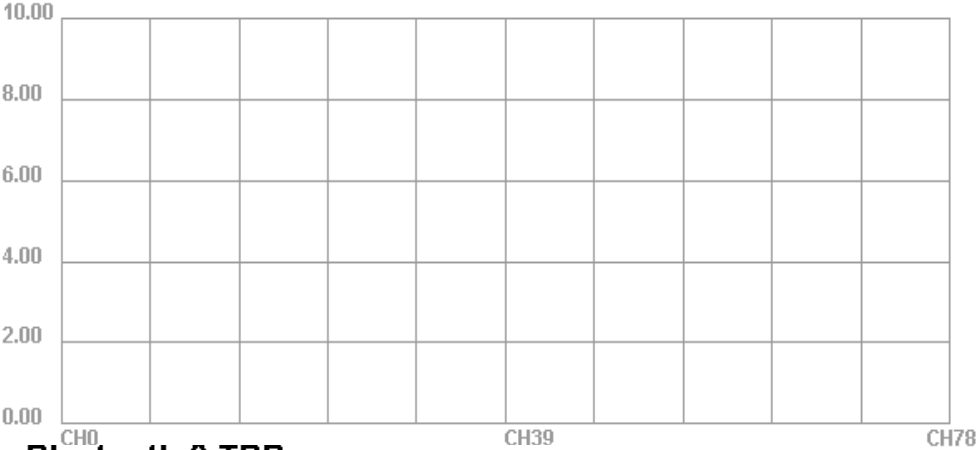
Bluetooth 78 TIS E2



Test Result	Bluetooth TRP		
	0	39	78
Frequency (MHz)	2402	2441	2480
TRP (dBm)	-9.11	-6.42	-4.23
NHPRP (dBm) 45	-9.99	-7.11	-4.85
MAX (dBm)	-3.45	-0.81	2.69
EIRP peak	-3.45	-0.81	2.69
Min (dBm)	-21.69	-17.32	-14.88
Attenuation Horizontal	43.34	43.34	43.34
Attenuation Vertical	43.24	43.24	43.24

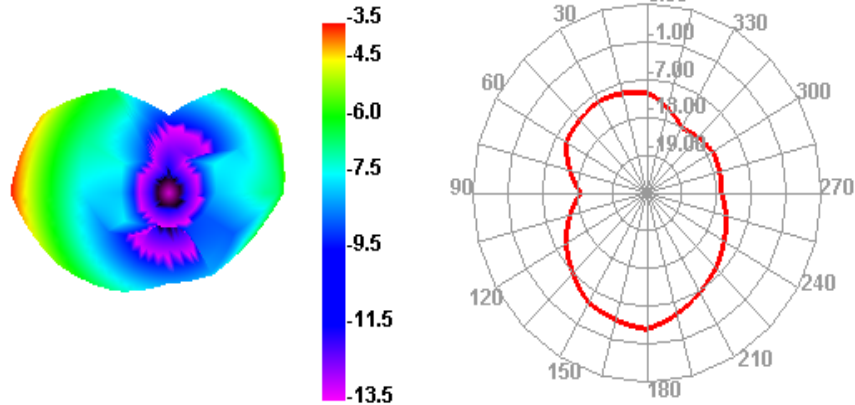
Application Information	
04Version	5.256.357
TotalTime	23m 30s 29ms
AdditionalInfor	4142B7931F92

Bluetooth TRP

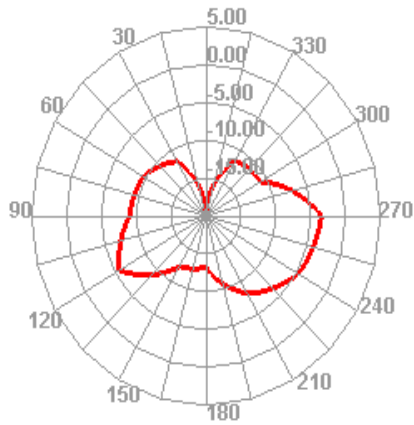


Bluetooth 0 TRP

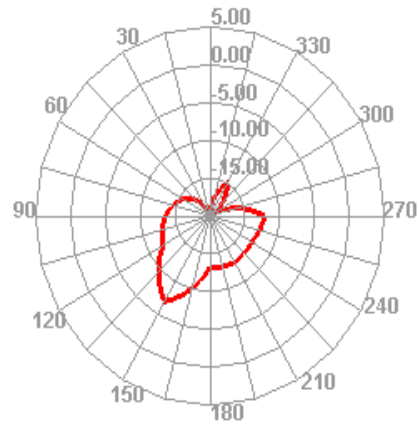
Bluetooth 0 TRP H



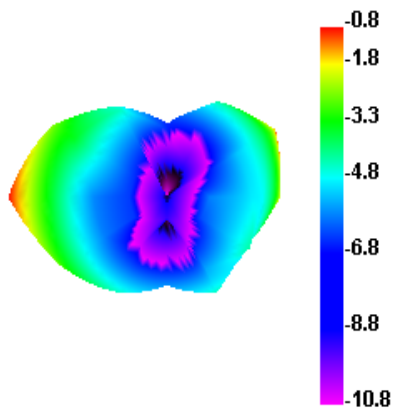
Bluetooth 0 TRP E1



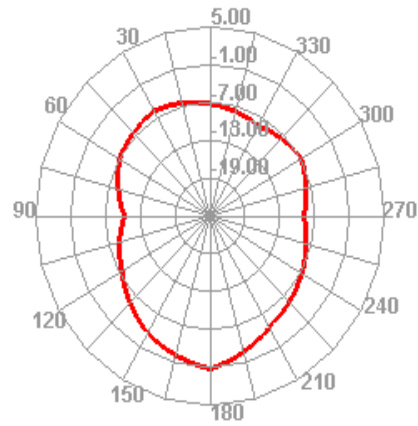
Bluetooth 0 TRP E2



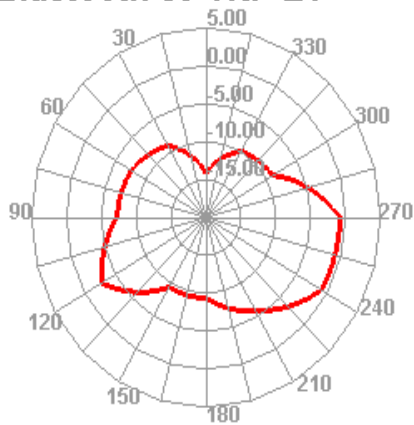
Bluetooth 39 TRP



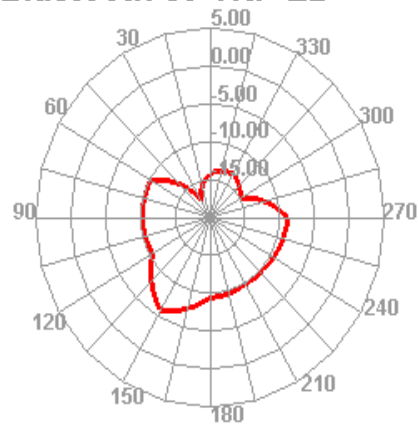
Bluetooth 39 TRP H



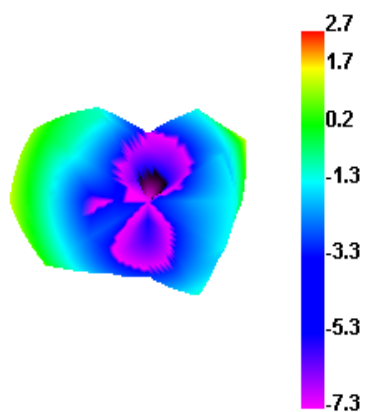
Bluetooth 39 TRP E1



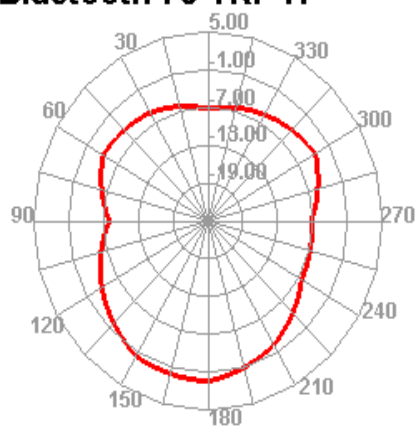
Bluetooth 39 TRP E2



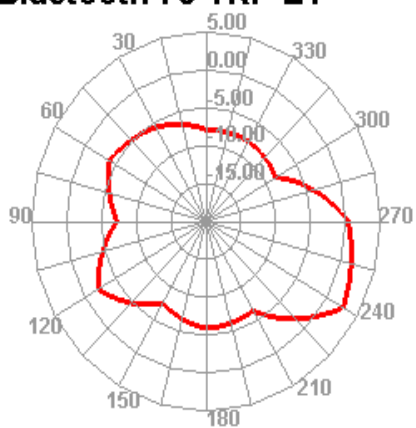
Bluetooth 78 TRP



Bluetooth 78 TRP H



Bluetooth 78 TRP E1



Bluetooth 78 TRP E2

