

2.4GHz ROD ANTENNA

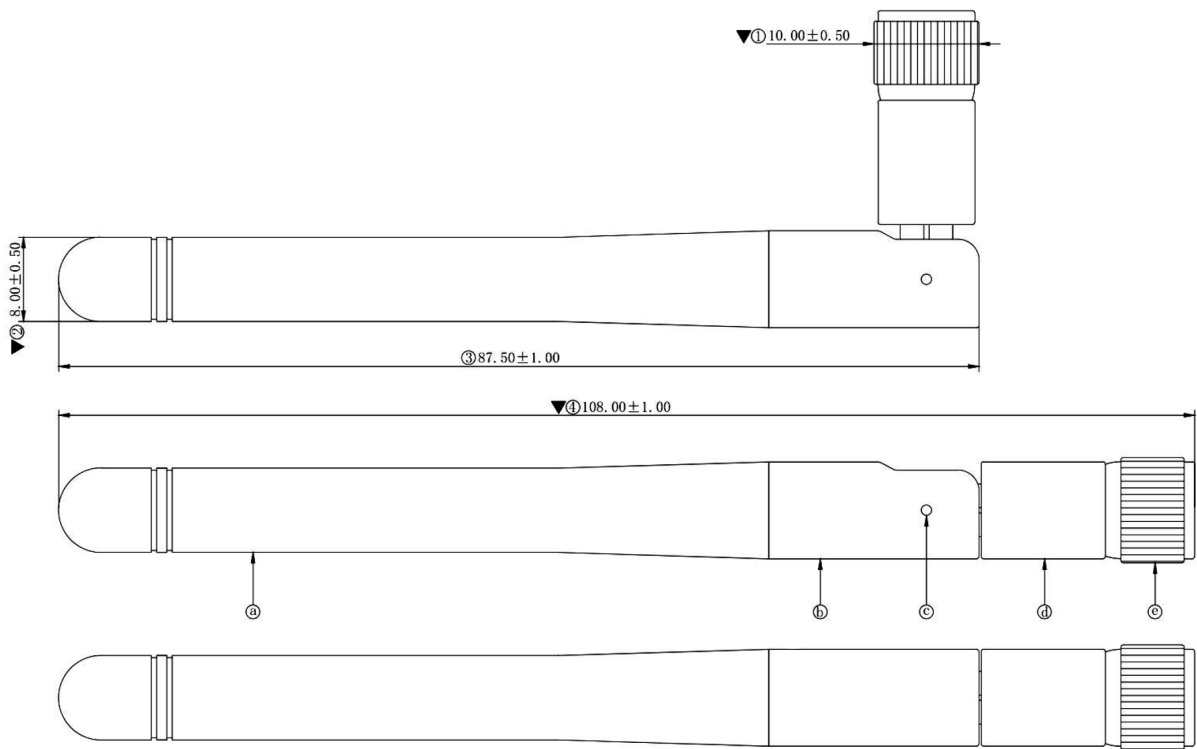
TECHNICAL DATA SHEET

DANT-02RPR-BX



NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	DANT-02RPR-BX	2.4GHz Rod Antenna
02	Material	TPEE	
03	Material of Radiator	Copper	
04	Connector Type	RP-SMA male	
05	Antenna Colour	Black	
06	Overall Length	110mm	OD10mm
07	Cable Type	N/A	
08	Cable Length	N/A	
09	Weight	8g	±1g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	2.4GHz	2400~2500MHz
02	Antenna Gain	2dBi (Average)	3.5dBi (Max)
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Power Standing	10W	
07	S.W.R.	≤2.0	
NO.	ENVIRONMENTAL SPECIFICATIONS	VALUE	COMMENT
01	Operation Temperature	-30℃ ~ +75℃	
02	Storage Temperature	-30℃ ~ +75℃	
03	RoHS Compliant	YES	

MECHANICAL DRAWING

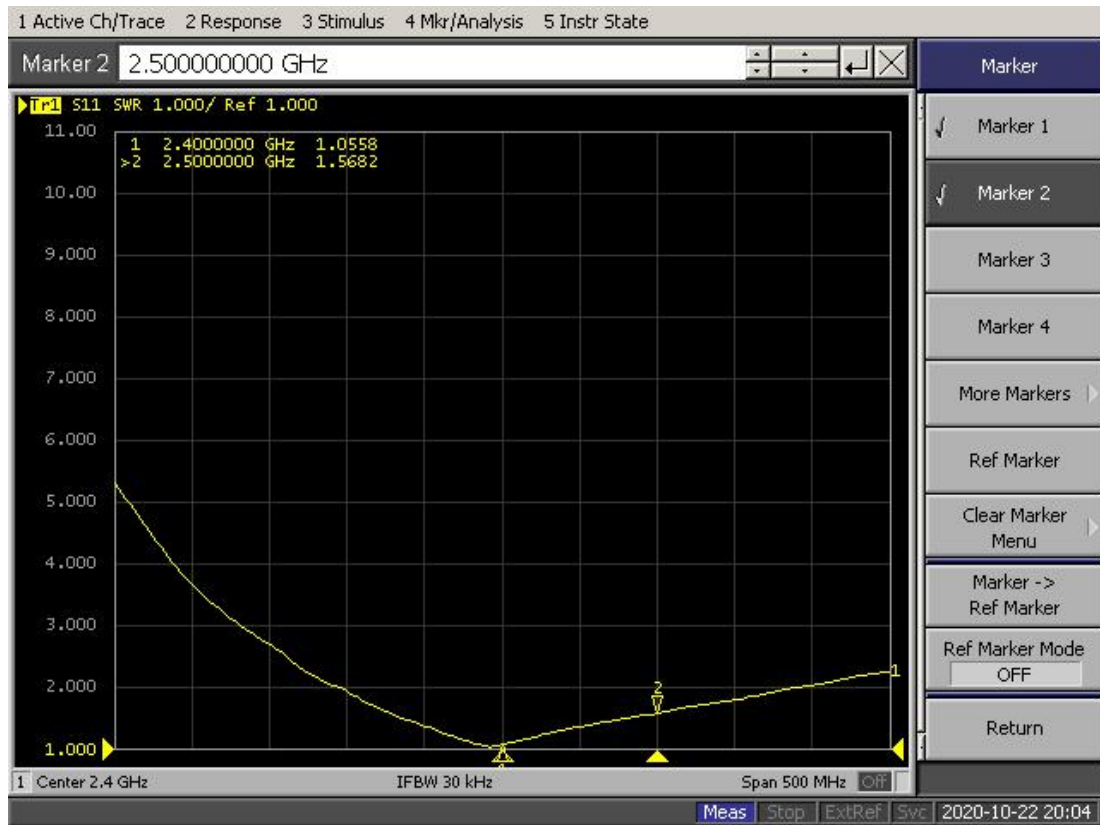


UNIT: mm

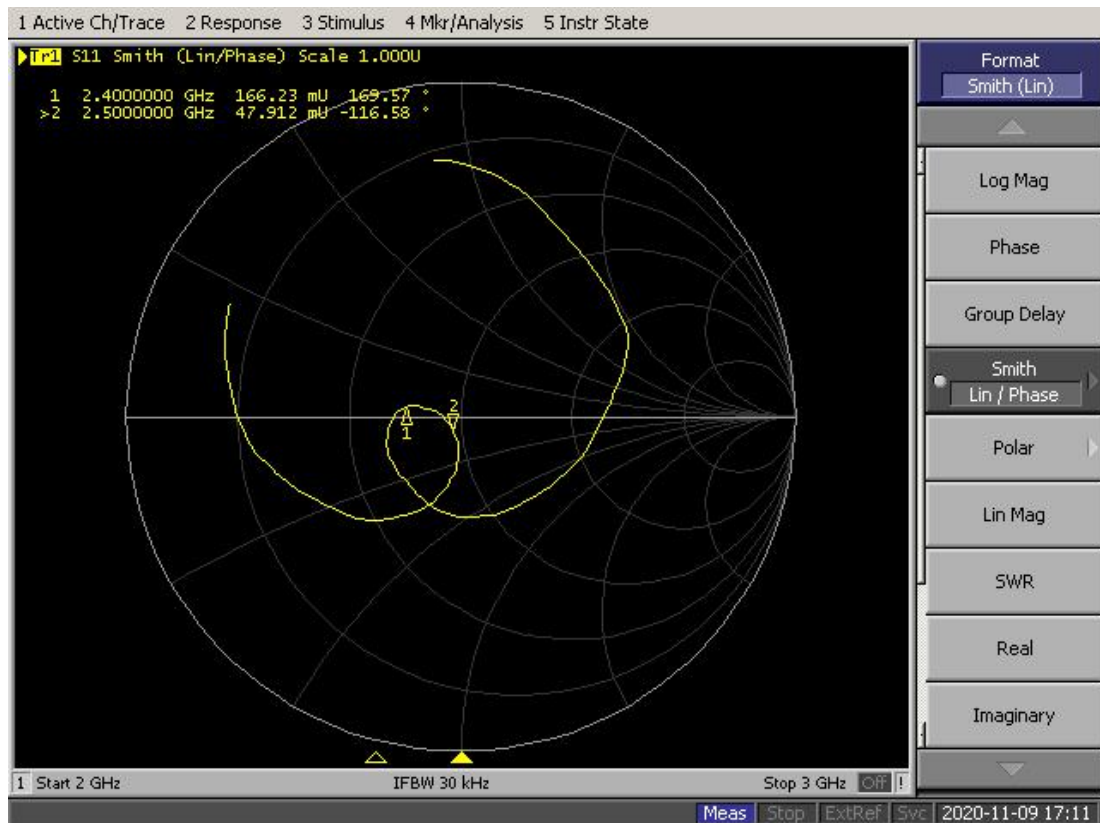
UNIT: mm

ITEM	PART NAME	QUANTITY	MATERIAL / FINISH	
a	Shell	1	TPEE	Black
b	Connector	1	RP-SMA-male	Nickel plated

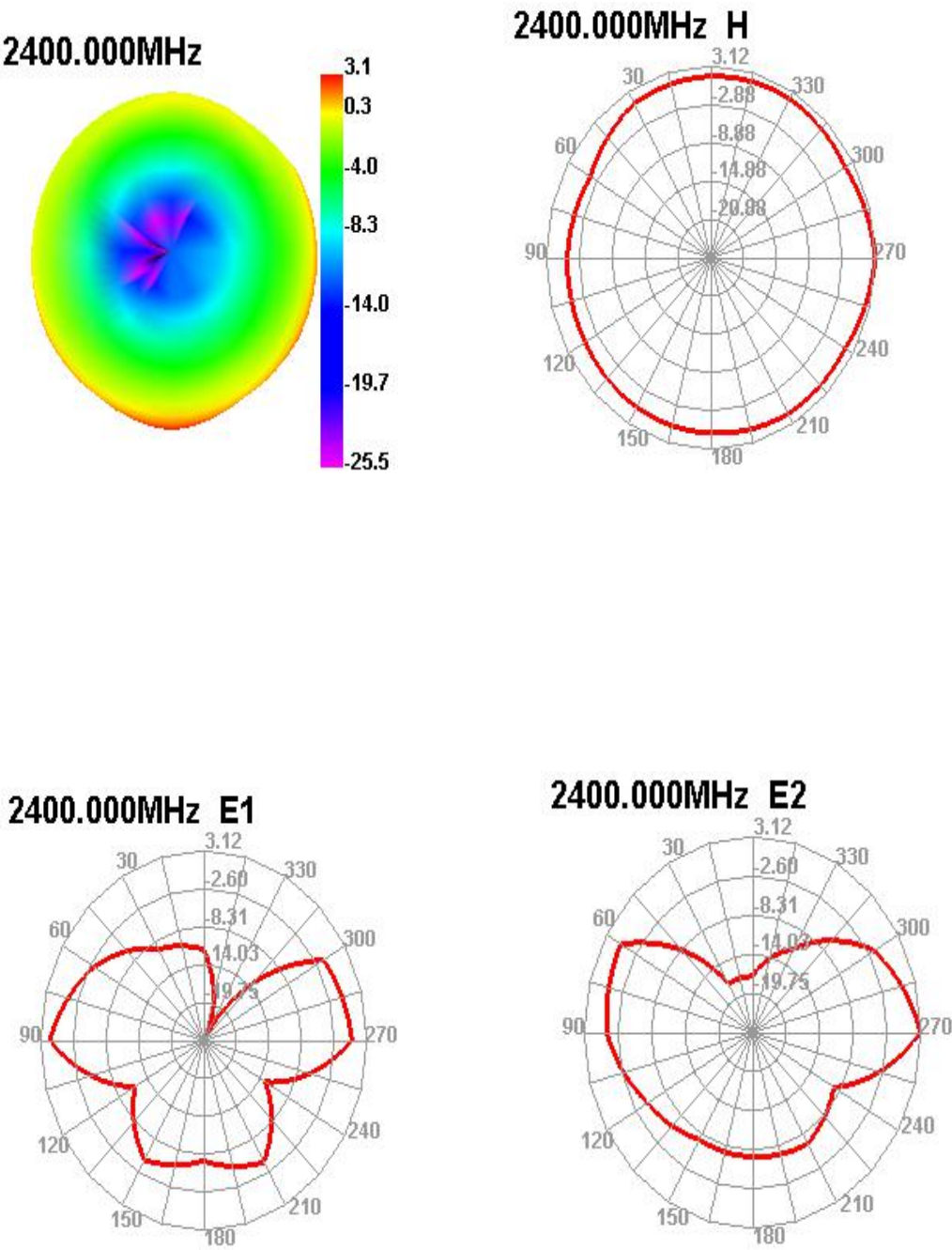
S.W.R.



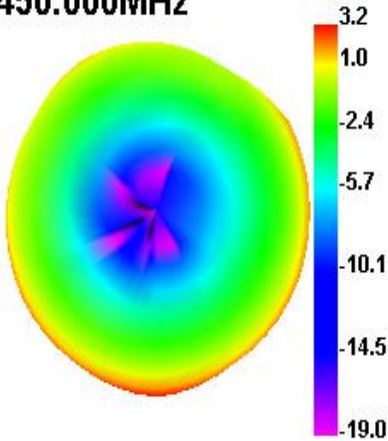
SMITH



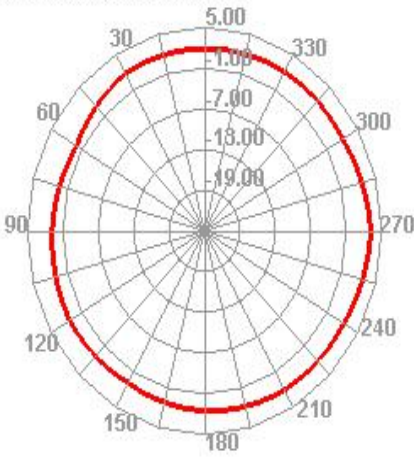
RADIATION PATTERN



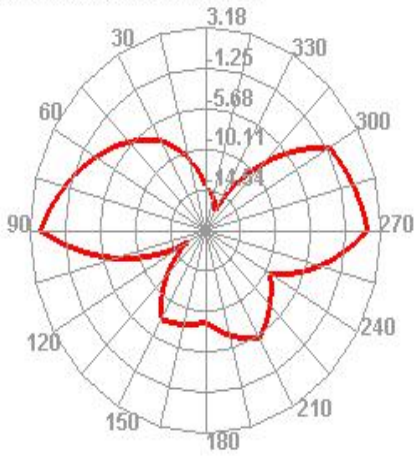
2450.000MHz



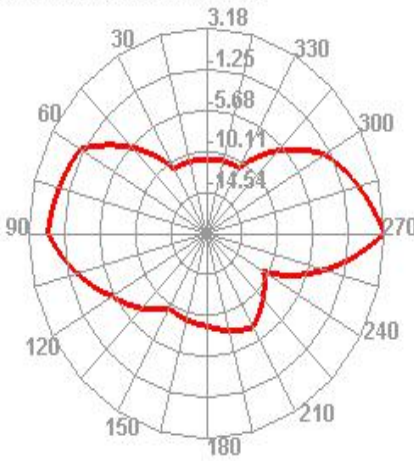
2450.000MHz H



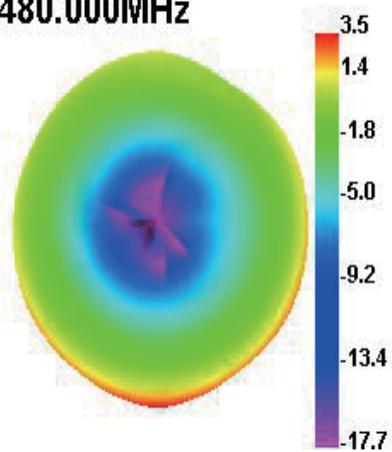
2450.000MHz E1



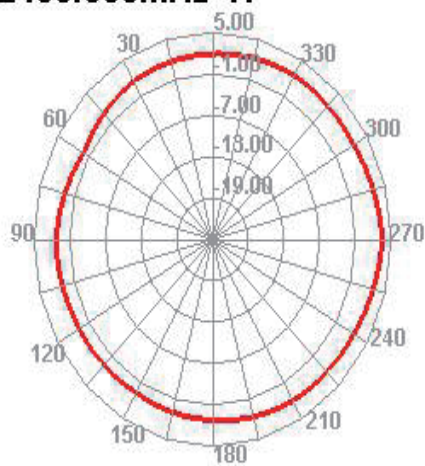
2450.000MHz E2



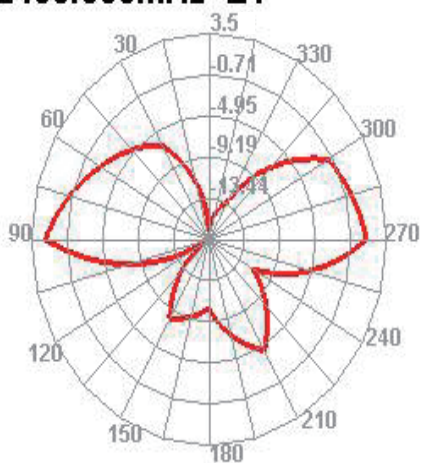
2480.000MHz



2480.000MHz H



2480.000MHz E1



2480.000MHz E2

