

东莞市晨禹电子科技有限公司

规格书

Specification for Approval

客户名称: HT

Customer:

规格描述: Antenna

Part name

料号: AN2450-9210RS

Part No.

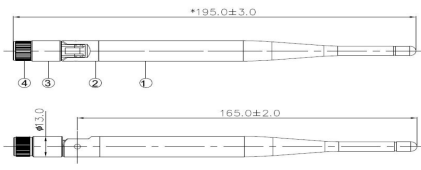
客户料号:

Customer Part No.

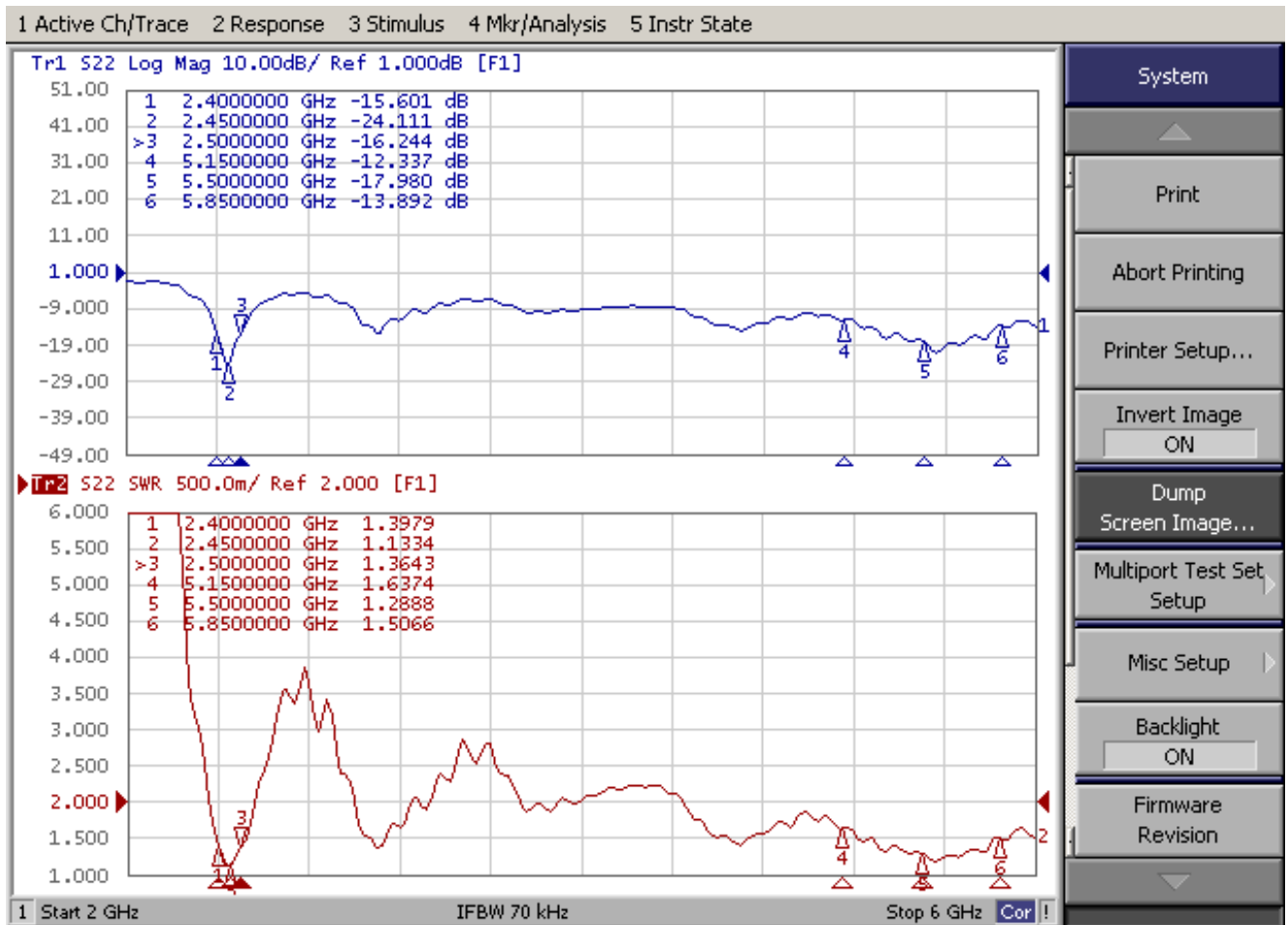
客户承认印 CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

CHIEF	DESIGN
Date:2021-10-26	Date:2021-10-26
感谢给予敝公司送样承认之机会.如惠蒙承认通过,烦请将此表签回敝公司. OWE GRATITUDE TO GIVE US THE OPPORTUNITY OF SAMPLE APPROVAL.PLEASE RETURN THIS FROM TO US AFTER YOURS ACCEPT.	

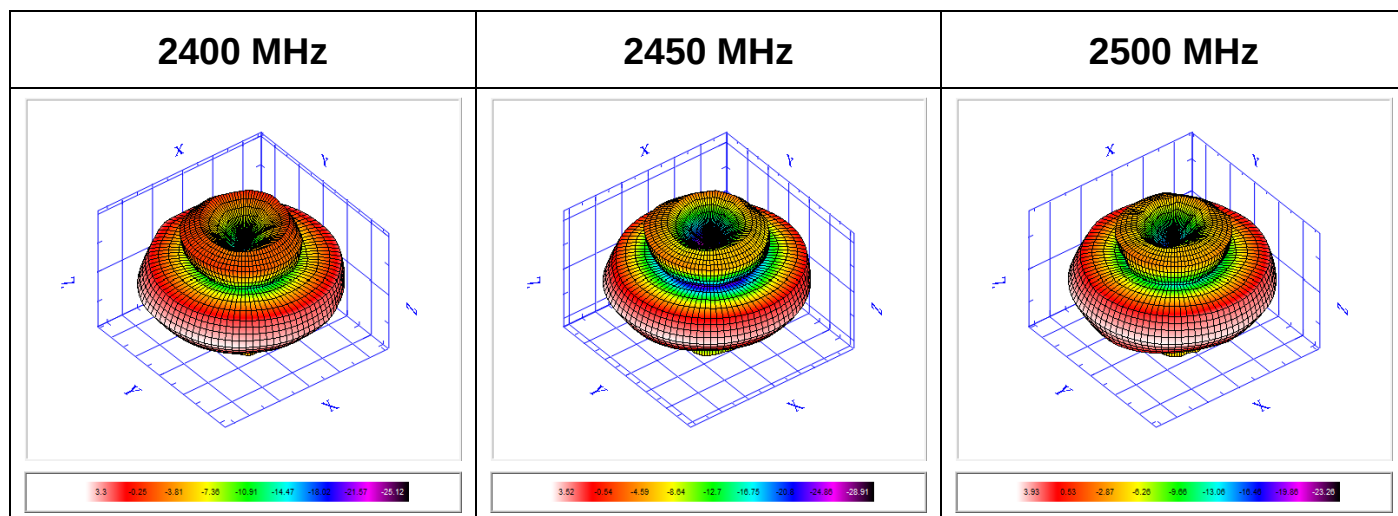
Specification

Sample Photo	
	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz 5150 ~ 5850 MHz
V.S.W.R.	<= 2.0 @ 2400 ~ 2500 MHz <= 2.0 @ 5150 ~ 5850 MHz
Peak Gain	4.11 dBi @ 2400 ~ 2500 MHz 5.59 dBi @ 5150 ~ 5850 MHz
Polarization	
Impedance	50 Ohm
B. Material & Mechanical Characteristics	
Material of Radiator	Cu
Material of Plastic	TPEE / ABS / POM
Cable Type	RG-178U-03
Connector Type	
C. Environmental	
Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °C

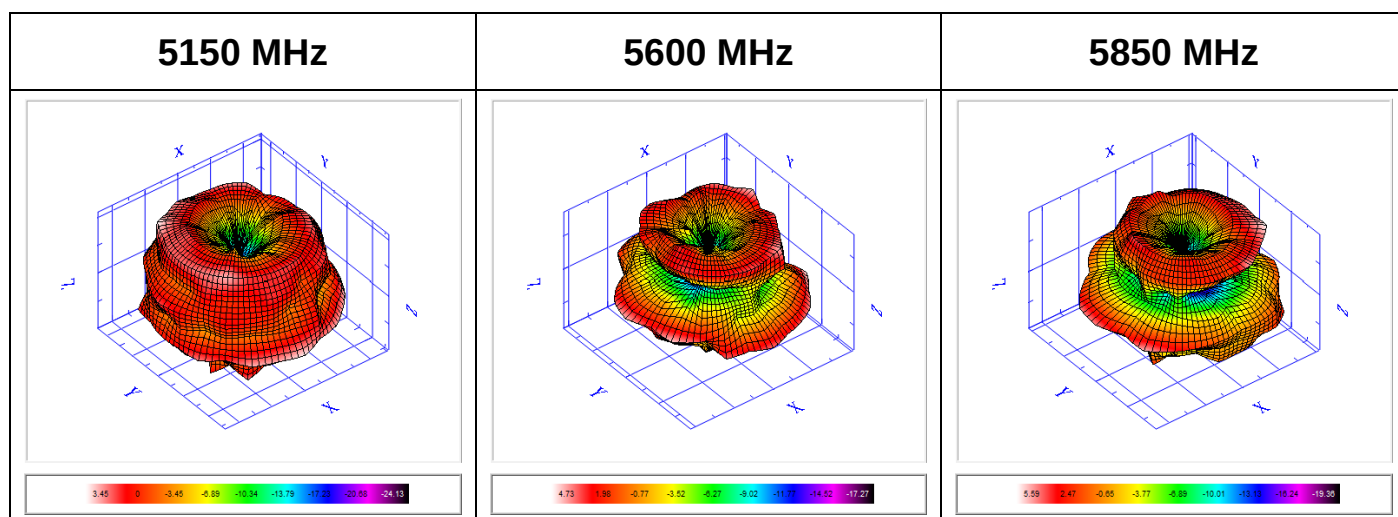
Antenna - S Parameter Test Data



Antenna - Radiation Pattern Test Data



Frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
E-Total Peak Gain (dBi)	3.3	3.36	3.71	3.78	3.74	3.52	3.54	3.78	4.11	3.9	3.93
Efficiency (%)	61.27	62.82	65.87	65.37	65.66	62.2	61.65	67.42	73.72	72.45	72.81
Average Gain (dB)	-2.13	-2.02	-1.81	-1.85	-1.83	-2.06	-2.1	-1.71	-1.32	-1.4	-1.38



Frequency	5150	5250	5350	5470	5600	5700	5725	5785	5800	5850
E-Total Peak Gain (dBi)	3.45	4.33	4.51	4.34	4.73	5.46	5.47	5.52	5.74	5.59
Efficiency (%)	76.34	81.68	80.73	74.79	78.61	83.96	80.41	90.29	86.66	78.58
Average Gain (dB)	-1.17	-0.88	-0.93	-1.26	-1.05	-0.76	-0.95	-0.44	-0.62	-1.05

