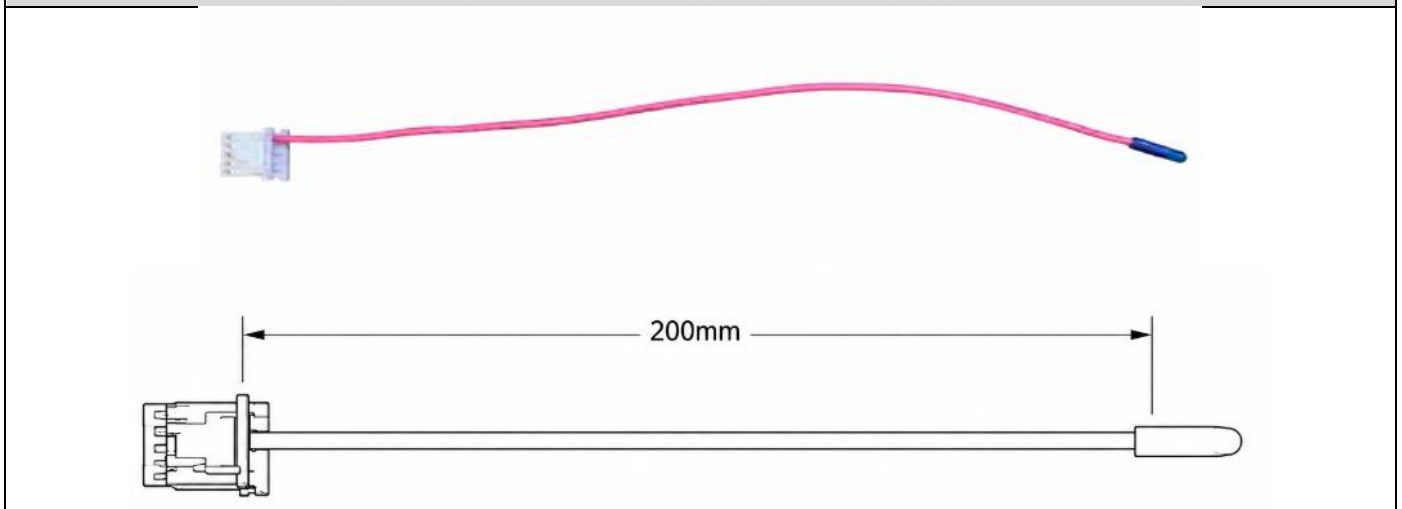


Wire Antenna Specification

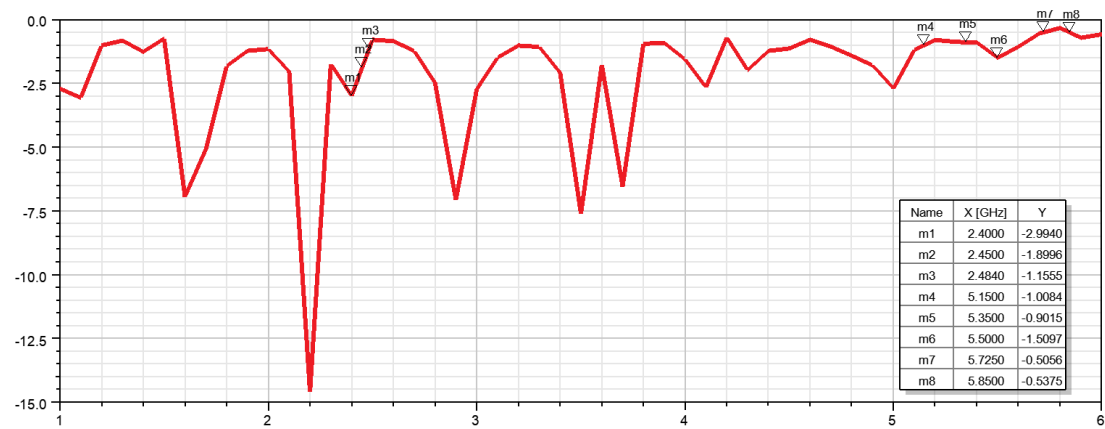
Specification

Model Name	WANT-200					
Manufacturer	DONGGUANGSHI FUSHENGCHENG ELECTRONIC CO.,LTD					
Manufacturer Address	EAST STREET No 51,YANHE ROAD,XIANGDONG INDUSTRIAL PARK, AILINGKAN VILLAGE, DALINGSHAN TOWN, DONGGUAN					
Application	2.4 GHz WLAN / Bluetooth 5 GHz WLAN					
Frequency	2400~2483.5 MHz 5150~5850 MHz					
Antenna Type/Material	Wire Antenna (AWM 1007 / 22AWG)					
Antenna Length	200 mm					
Connector Type	2x5-pin 2.0mm pitch Wafer					
Polarization	Linear					
Impedance	50 Ohm					
Operating Temperature	-40 ~ 80 ° C					
Max. Gain (dBi)	2400 (MHz)	5100 (MHz)	5300 (MHz)	5500 (MHz)	5700 (MHz)	5800 (MHz)
	1.812 dBi	0.313 dBi	0.964 dBi	3.138 dBi	0.362 dBi	-2.285 dBi
Efficiency (%)	48.03%	23.36 %	18.17 %	28.138 %	11.43 %	7.27 %

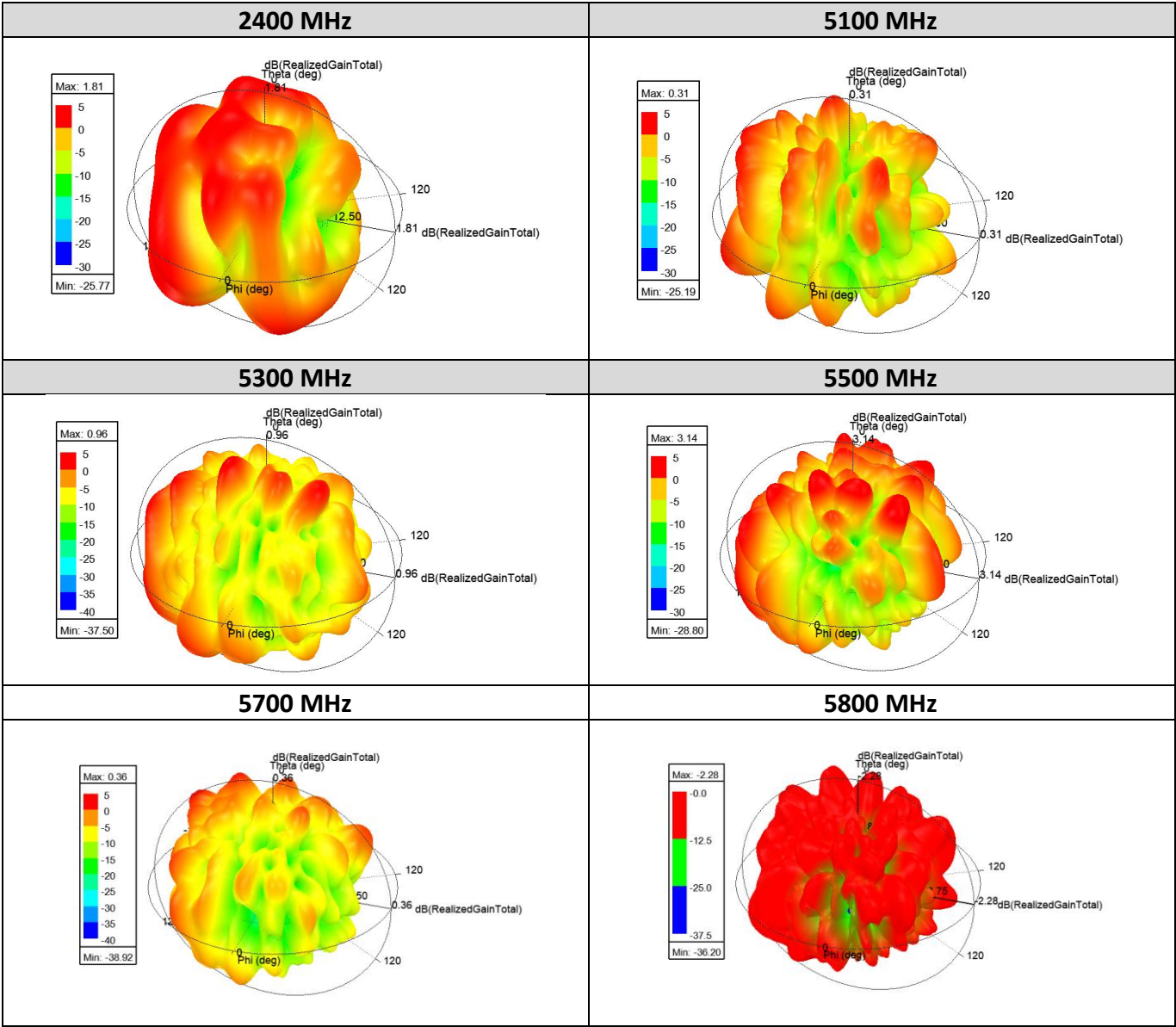
Photo / Drawing



Antenna S-Parameter



Antenna 3D Radiation Pattern



Antenna Parameters Summary

Frequency (MHz)	2400	5100	5300	5500	5700	5800
Tot. Rad. Pwr. (dB)	-3.185	-6.315	-7.407	-5.447	-9.419	-11.385
Peak EIRP (dBi)	1.812	0.313	0.964	3.138	0.362	-2.285
Directivity (dBi)	4.997	6.628	8.371	8.585	9.781	9.100
Efficiency (dB)	-3.185	-6.315	-7.407	-5.447	-9.419	-11.385
Efficiency (%)	48.03	23.36	18.17	28.53	11.43	7.27
Max. Gain (dBi)	1.812	0.313	0.964	3.138	0.362	-2.285