

SPECTA GL33 Antenna Datasheet

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1、 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	<u>SPECTA GL33 SDR Ant</u>		
2	Brand	<u>SPECTA</u>		
3	Operation Frequency	<u>2.4~2.483GHz;</u> <u>5.15~5.25GHz</u> <u>5.725~5.85GHz</u>		
4	Connector Type	Ipex-1		
5	Impedance	50ohm		
6	Gain	1.5dBi@2.4~2.483GHz sdr 3dBi@5.2Ghz sdr 3dBi@5.725~5.875GHz sdr		
7	Efficiency	≥50% SDR		
8	VSWR	≤2		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizon		
11	Weight			
12	Antenna type	PCB		
13	Manufacturer	Shenzhen ZTX Communication Technology Co., LTD.		
14	Manufacturer	No.34 Shilong Road, Bao'an District, Shenzhen, Guangdong Province.		

2.1 SDR antenna return loss



3、 Antenna Gain

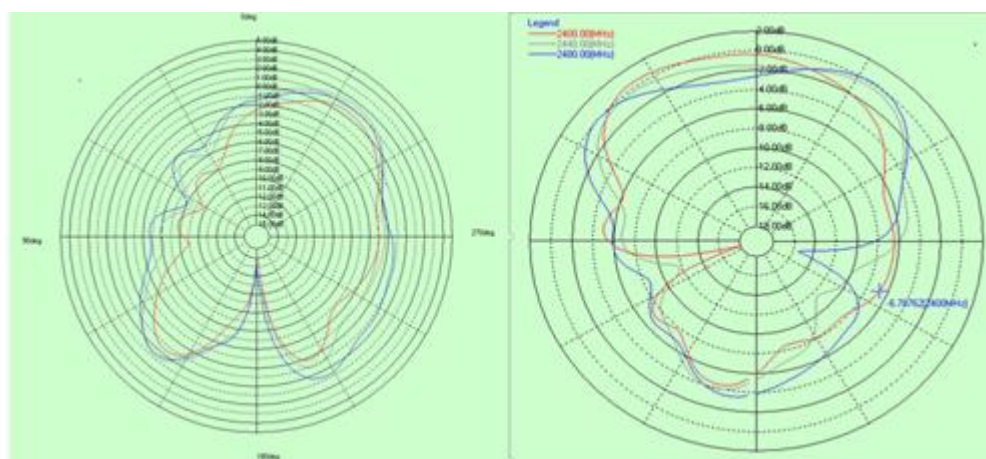
Frequency	Efficiency	Gain(dBi)
2400MHz	51%	1.4
2410MHz	52%	1.2
2420MHz	53%	1.5
2450MHz	57%	1.4
2470MHz	58%	1.5
2483MHz	57%	1.4

Frequency	Efficiency	Gain(dBi)
5150MHz	45%	2.8
5200MHz	49%	3.0
5725MHz	58%	2.8
5775MHz	54%	2.6

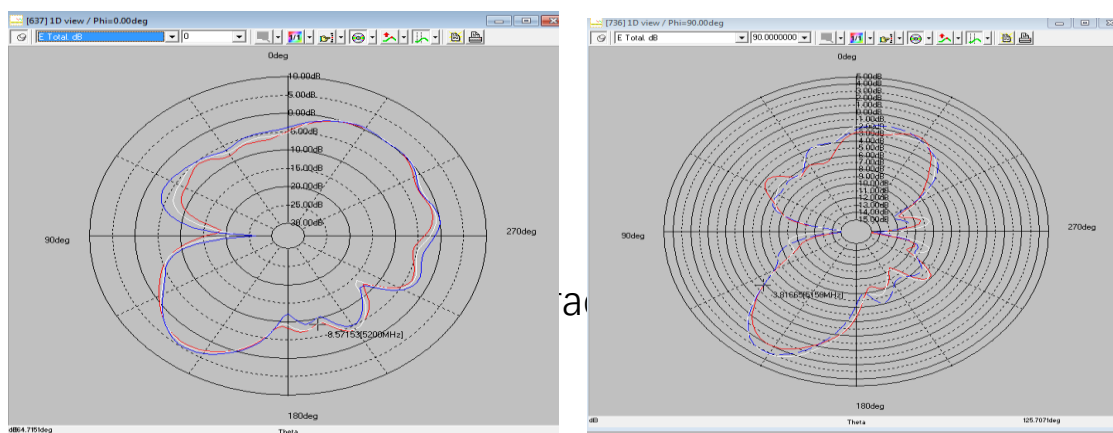
5800MHz	54%	2.8
5825MHz	54%	2.9
5850MHz	56%	3.0

4、 Radiation Pattern

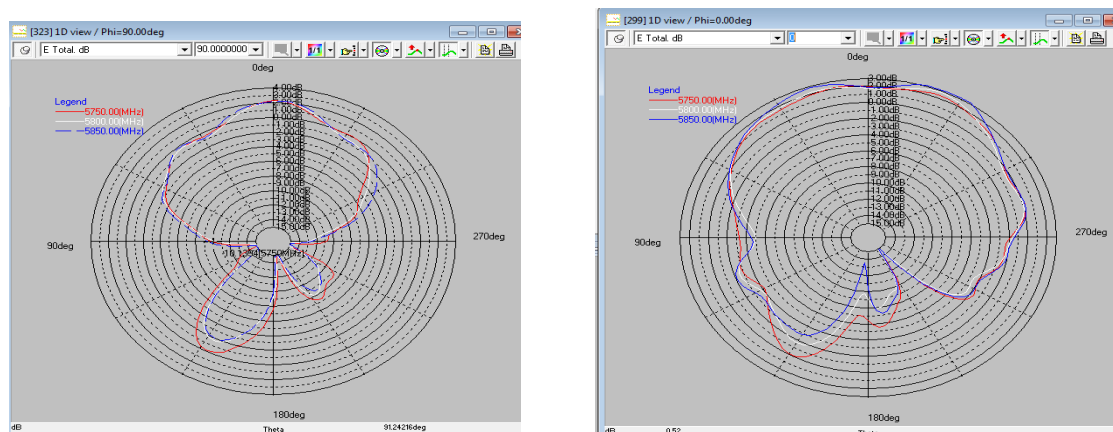
4.1 sdr antenna 2.4G radiation pattern



4.2 sdr antenna 0 5.2G radiation pattern



4.2 sdr antenna 5.8G radiation pattern



5、 Structure drawing

