



Specification
For
2.4Ghz & 5Ghz PCB Antenna
ANT-PCB02-BK-2450-175

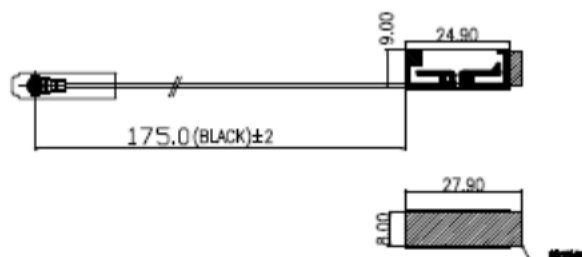
Rev. 1.0.01

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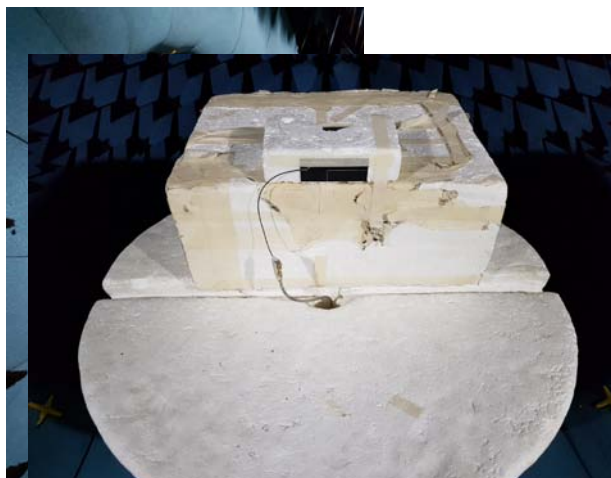
Specification are subject to change without notice.

Antenna ME Data:

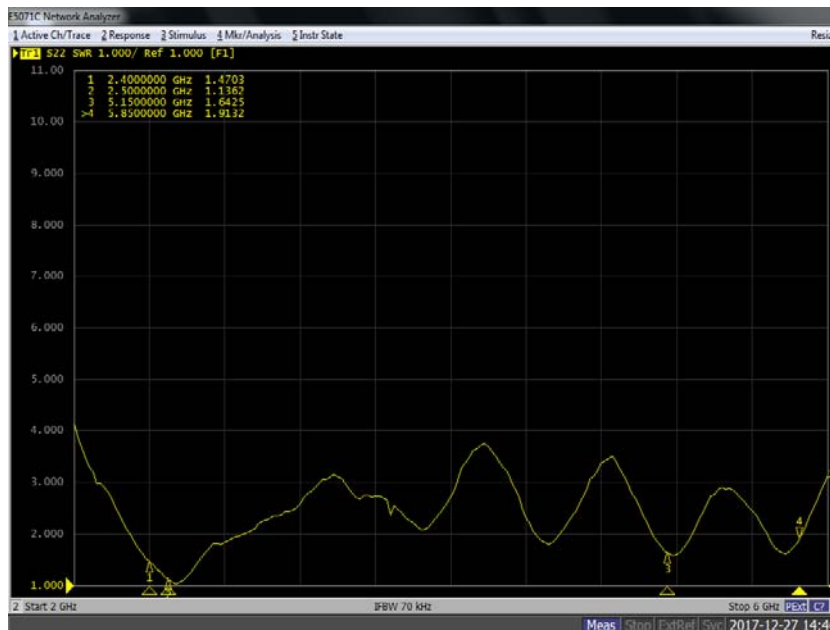


Electronic Test:

Testing Environment



VSWR :



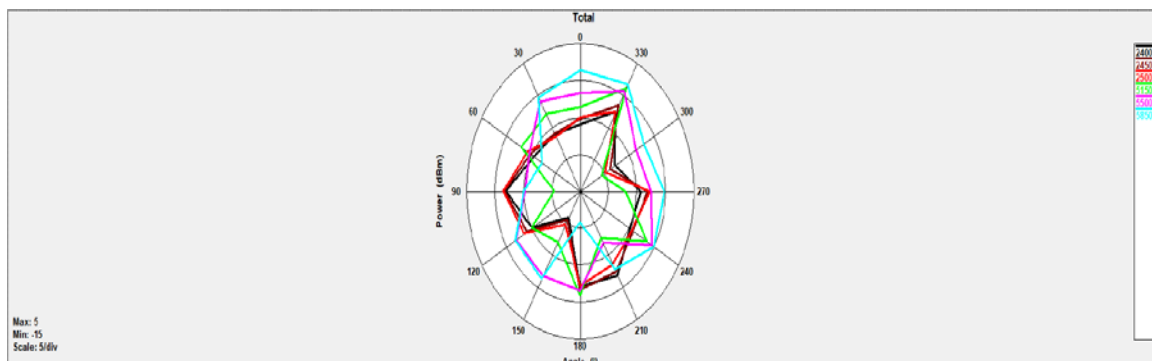
Efficiency / Gain Data :

Frequency (MHz)	Average Gain (dB)	Efficiency (%)	Peak Gain (dBi)
2400	-2.8	52.0	2.9
2410	-2.9	50.8	2.8
2420	-2.7	53.9	3.2
2430	-2.4	57.4	3.4
2440	-2.2	59.6	3.5
2450	-2.1	61.9	3.7
2460	-2.1	61.3	3.8
2470	-1.8	66.1	4.0
2480	-2.1	62.3	3.8
2490	-1.8	66.0	4.1
2500	-1.7	67.9	4.2
5150	-0.6	87.1	3.6
5175	-1.1	77.4	3.0
5200	-1.8	65.6	2.2
5225	-1.6	69.6	2.2
5250	-1.4	72.2	1.9

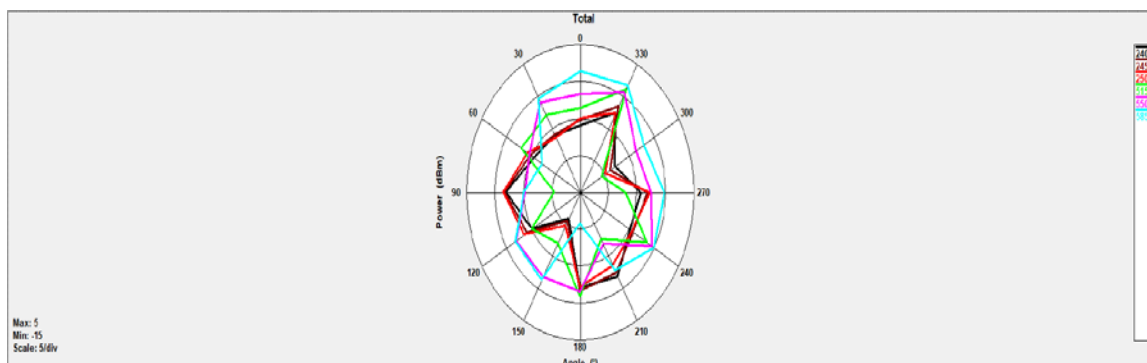
5275	-1.2	76.0	1.8
5300	-0.9	82.1	2.1
5325	-1.0	79.8	1.9
5350	-0.7	84.5	1.9
5375	-0.7	84.7	1.7
5400	-1.1	78.5	1.3
5425	-0.8	83.9	1.5
5450	-1.0	79.9	1.2
5475	-1.0	78.8	1.3
5500	-1.0	79.6	1.4
5525	-1.0	79.8	1.8
5550	-1.5	71.3	1.6
5575	-1.5	70.4	1.7
5600	-1.5	70.4	1.8
5625	-1.9	64.4	1.7
5650	-1.8	65.7	1.6
5675	-1.7	68.1	1.6
5700	-1.7	68.2	1.6
5725	-2.0	63.6	1.5
5750	-1.7	66.9	1.3
5775	-1.9	64.1	1.1
5800	-2.0	62.9	1.0
5825	-1.2	76.2	1.5
5850	-1.4	72.7	1.4

Radiation Pattern:

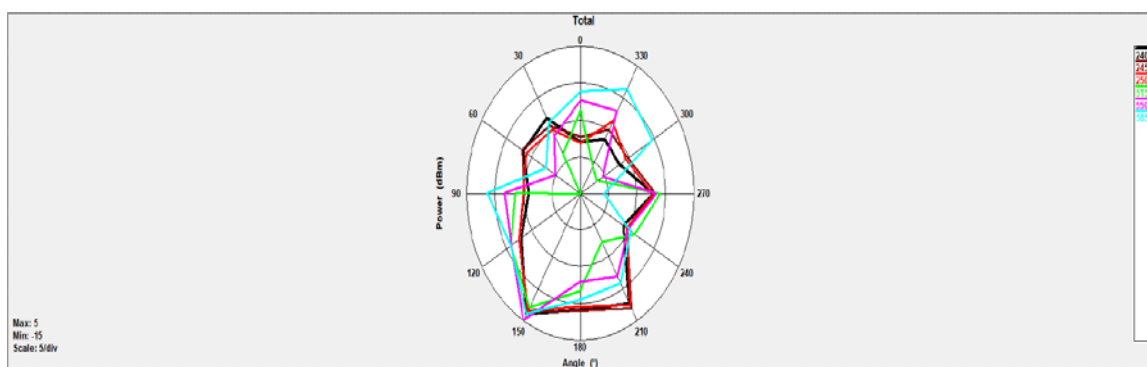
xy-plane



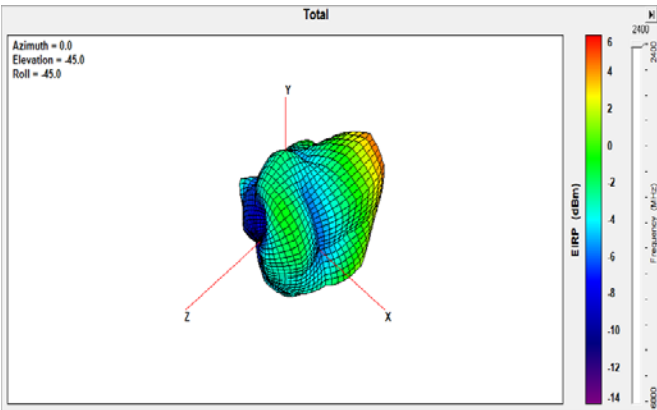
xy-plane



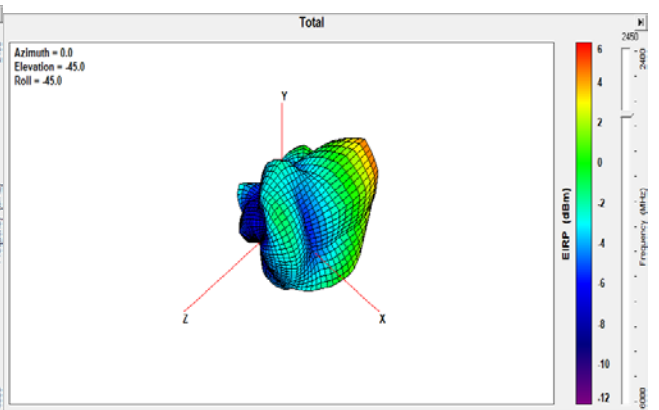
xz-plane



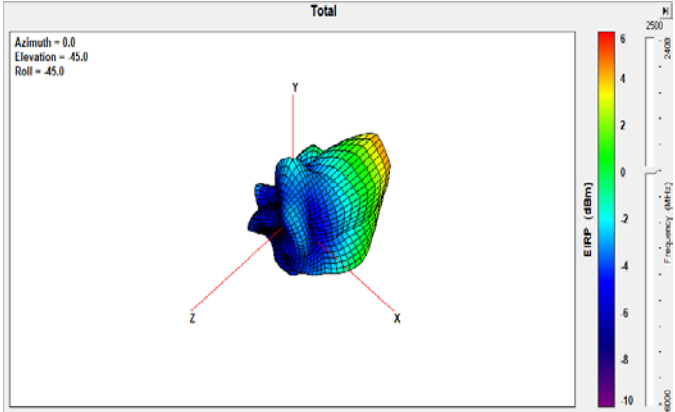
2400MHz



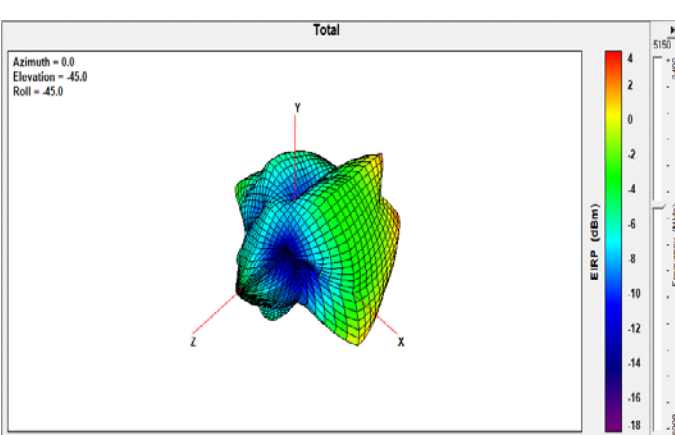
2450



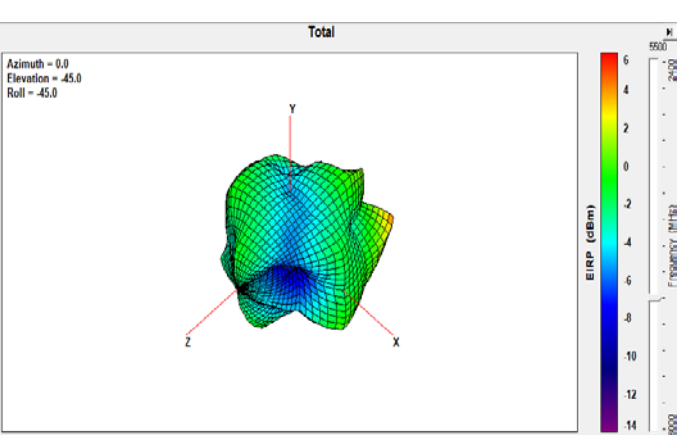
2500MHz



5150MHz



5500MHz



2500MHz

