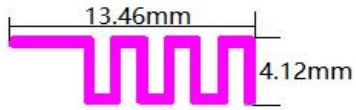


Antenna Report

Model: AVIM-01

1. Shape of the Antenna Size:13.46*4.12(mm)



2.Characteristics

NO.	Item	Specifications
1	Working Central Frequency	2425 MHz
2	Gain	0 .66dBi
3	V.S.W.R (in BW)	<=2.0
4	Polarization	Linear
5	Azimuth Beam Width	Omni-directional
6	Impedance	50 Ω

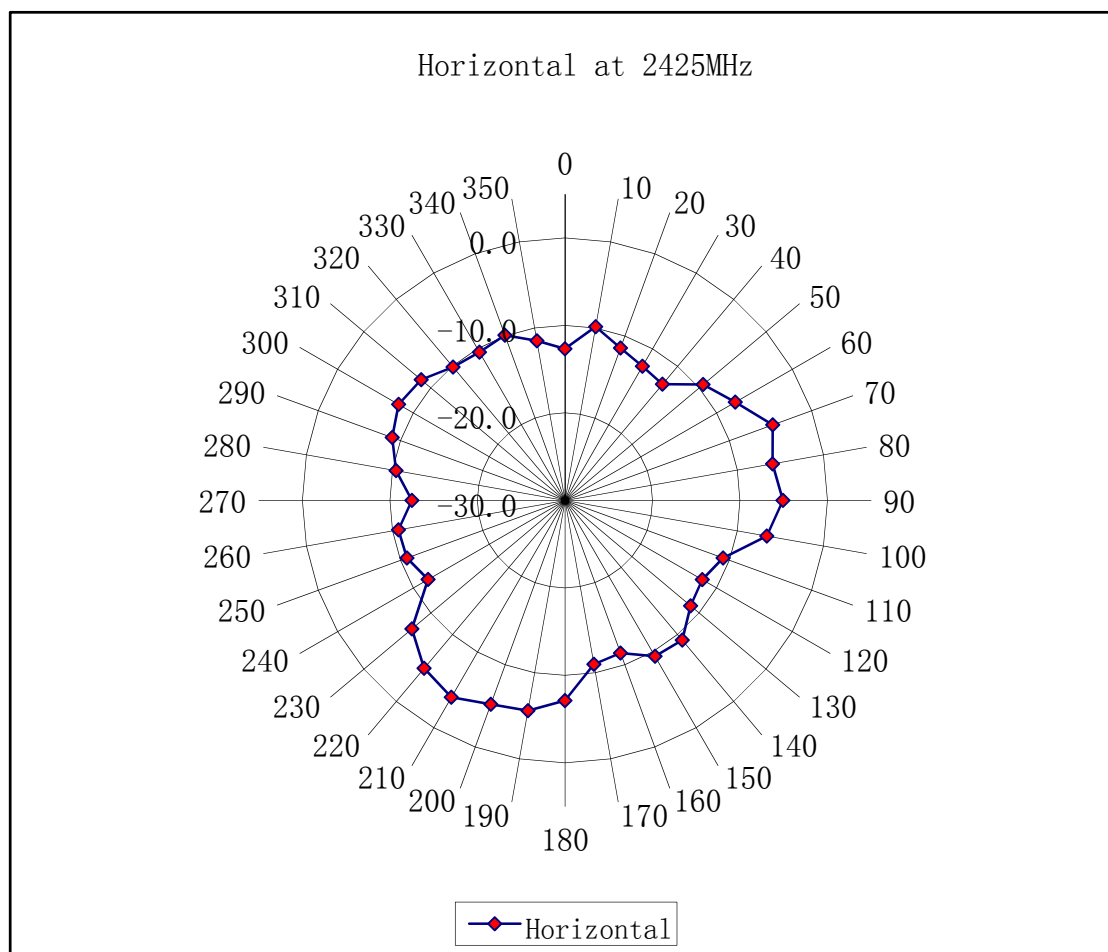
2. Return Loss and Smith Chat

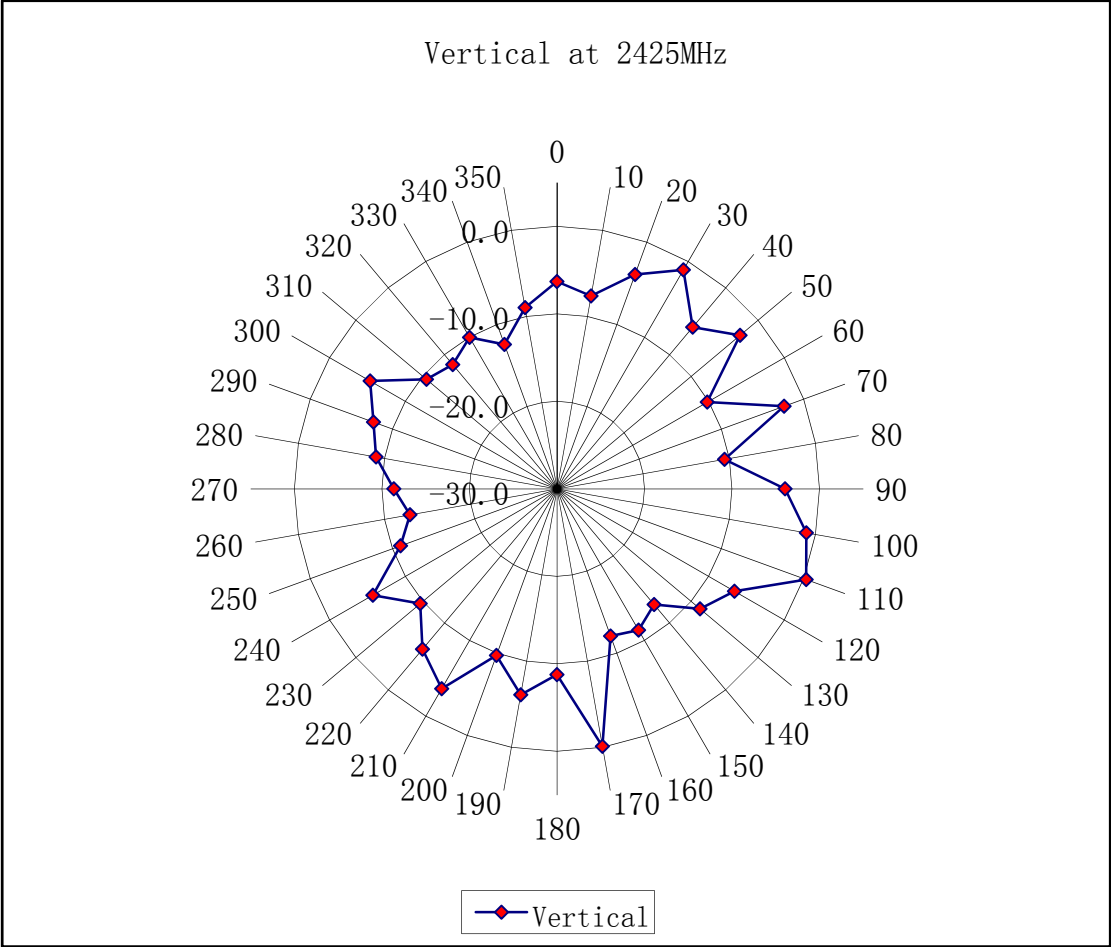
Horizontal

Turn Table	Antenna Gain (dBi) 2425MHz	Turn Table	Antenna Gain (dBi) 2425MHz	Turn Table	Antenna Gain (dBi) 2425MHz
0	-12. 68	120	-11. 89	240	-11. 94
10	-9. 85	130	-11. 26	250	-10. 78
20	-11. 47	140	-9. 15	260	-10. 67
30	-12. 30	150	-9. 43	270	-12. 50
40	-12. 67	160	-11. 44	280	-10. 40
50	-9. 40	170	-10. 98	290	-8. 98
60	-7. 54	180	-7. 12	300	-8. 05
70	-4. 74	190	-5. 60	310	-8. 54
80	-5. 91	200	-5. 21	320	-10. 10
90	-5. 10	210	-4. 02	330	-10. 43
100	-6. 58	220	-4. 95	340	-9. 91
110	-10. 77	230	-7. 16	350	-11. 47

Vertical

Turn Table	Antenna Gain (dBi) 2425MHz	Turn Table	Antenna Gain (dBi) 2425MHz	Turn Table	Antenna Gain (dBi) 2425MHz
0	-6.30	120	-6.58	240	-5.69
10	-7.62	130	-8.66	250	-10.97
20	-3.93	140	-12.73	260	-12.94
30	-1.11	150	-11.35	270	-11.36
40	-5.87	160	-12.09	280	-9.01
50	-2.69	170	-0.12	290	-7.69
60	-10.18	180	-8.76	300	-5.34
70	-2.39	190	-6.10	310	-10.52
80	-10.56	200	-9.74	320	-11.46
90	-3.94	210	-3.63	330	-10.01
100	-1.06	220	-6.07	340	-12.43
110	0.66	230	-9.60	350	-8.97





Antenna Manufacturer: AVIM AUDIO LIMITED