

Product specifications acknowledgment

Recognized manufacturers: _____

Manufacturer: ShenZhen GuYang Commuication Technology Co.,Ltd.

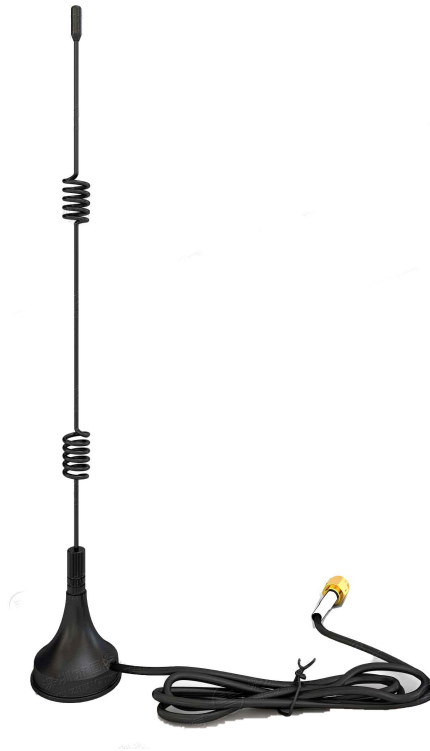
Description: WIFI sucker antenna

Product Type: GY-XPF-BCL2.5-GJG22

Supplier acknowledge signature bar		
Lister	Reviewers	Approved

That customers signature bar	
Reviewers	Approved

1 Finished product figure



2 Product parameters

Frequency Range (MHz)	2400~2500 5150~5850	Rod Is High (cm)	19.2	Connector Type	RP-SMA-J1.5
Gain (dB)	≤ 3	High total (cm)	22	Radome Material	ABS
VSWR	≤ 2	RF Cable	RG174 line $\Phi 2.8 \pm 0.1 \text{mm}$, black	Radome Color	black
Impedance (ohm)	50 ohm	Line L Length (mm)	2500 ± 20	Mounting	The magnet (magnetic $\geq 1.2 \text{KG}$)
Polarization	Linear polarization	Working Temp (°C)	$-30 \sim +70$	Humidity	Humidity 25%~95% RH

ADD: Shenzhen baoan district for road no. 1 on da industry park 4 5 floor

WEB: www.shenzhenguyang.com

TEL: 0755-86031011 /86037033

FAX: 0755-86033315

3 The test data

Passive Test For 2400-2500、5150-5850								
Freq	Effi	Effi	Gain	Gain	Max	Min	Directi	Beamwid
(MHz)	(%)	(dB)	(dBi)	(dBd)	(dB)	(dB)	vity (dBi)	th (3dB)
2400	38.16	-4.18	2.62	0.47	2.62	-19.75	4.18	90
2410	40.12	-3.97	2.92	0.77	2.92	-20.84	3.97	210
2420	41.57	-3.81	3.0	0.95	3.0	-25.53	3.81	300
2430	40.83	-3.89	2.92	0.87	2.92	-25.97	3.89	300
2440	37.81	-4.22	2.64	0.49	2.64	-24.45	4.22	300
2450	35.51	-4.5	2.32	0.17	2.32	-23.5	4.5	150
2460	36.12	-4.42	2.27	0.12	2.27	-23.77	4.42	150
2470	38.95	-4.09	2.51	0.36	2.51	-25.59	4.09	300
2480	40.13	-3.97	2.51	0.36	2.51	-24.2	3.97	300
2490	37.41	-4.27	2.2	0.05	2.2	-24.07	4.27	300
2500	34.83	-4.58	1.85	-0.3	1.85	-22.76	4.58	300
5150	18.53	-8.69	-0.11	-2.26	-0.11	-29.77	8.69	180
5160	19.91	-8.26	0.02	-2.13	0.02	-27.91	8.26	210
5170	19.42	-8.41	-0.11	-2.26	-0.11	-26.26	8.41	210
5180	18.66	-8.65	-0.59	-2.74	-0.59	-26.57	8.65	210
5190	18.84	-8.59	-0.65	-2.8	-0.65	-26.72	8.59	210
5200	19.15	-8.49	-0.85	-3	-0.85	-26.4	8.49	210
5210	18.9	-8.57	-1.23	-3.38	-1.23	-27.16	8.57	210
5220	17.9	-8.89	-1.56	-3.71	-1.56	-26.3	8.89	210
5230	17.77	-8.94	-1.99	-4.14	-1.99	-25.8	8.94	210
5240	17.83	-8.92	-1.78	-3.93	-1.78	-25.42	8.92	210
5250	16.99	-9.21	-2.33	-4.48	-2.33	-26.7	9.21	30
5260	16.87	-9.26	-2.59	-4.74	-2.59	-26.09	9.26	30
5270	16.96	-9.22	-2.5	-4.65	-2.5	-24.24	9.22	180
5280	17.8	-8.93	-2.65	-4.8	-2.65	-24.5	8.93	180
5290	18.52	-8.69	-2.5	-4.65	-2.5	-23.29	8.69	150
5300	15.84	-9.65	-3.59	-5.74	-3.59	-24.54	9.65	60
5310	16.16	-9.52	-3.62	-5.77	-3.62	-26.61	9.52	60
5320	16.3	-9.47	-3.29	-5.44	-3.29	-29.31	9.47	60
5330	15.21	-9.91	-3.48	-5.63	-3.48	-28.45	9.91	60
5340	14.34	-10.3	-3.57	-5.72	-3.57	-26.37	10.3	30

ADD: Shenzhen baoan district for road no. 1 on da industry park 4 5 floor

WEB: www.shenzhenguyang.com

TEL: 0755-86031011 /86037033

FAX: 0755-86033315

5350	13.82	-10.55	-3.49	-5.64	-3.49	-29.87	10.55	30
5360	14.94	-10.02	-2.63	-4.78	-2.63	-31.05	10.02	30
5370	14.96	-10.02	-1.92	-4.07	-1.92	-36.99	10.02	60
5380	14.63	-10.16	-2.07	-4.22	-2.07	-42.81	10.16	60
5390	14.48	-10.23	-1.64	-3.79	-1.64	-46.4	10.23	60
5400	15.8	-9.67	-1.32	-3.47	-1.32	-31.03	9.67	60
5410	17.06	-9.18	-0.8	-2.95	-0.8	-31.87	9.18	60
5420	16.81	-9.28	-1.14	-3.29	-1.14	-29.13	9.28	60
5430	16.23	-9.5	-1.9	-4.05	-1.9	-28.9	9.5	120
5440	16.23	-9.5	-1.96	-4.11	-1.96	-29.28	9.5	120
5450	15.29	-9.88	-2.58	-4.73	-2.58	-29.1	9.88	120
5460	13.93	-10.49	-3.3	-5.45	-3.3	-28.77	10.49	120
5470	13.61	-10.65	-3.38	-5.53	-3.38	-30.5	10.65	120
5480	16.33	-9.46	-1.91	-4.06	-1.91	-28.58	9.46	90
5490	17.94	-8.88	-1.39	-3.54	-1.39	-32.1	8.88	30
5500	17.45	-9.05	-1.39	-3.54	-1.39	-31.25	9.05	30
5510	15.55	-9.77	-2.04	-4.19	-2.04	-31.59	9.77	90
5520	14.78	-10.09	-2.4	-4.55	-2.4	-30.94	10.09	90
5530	16.57	-9.36	-1.42	-3.57	-1.42	-29.93	9.36	90
5540	16.63	-9.34	-1.47	-3.62	-1.47	-33.07	9.34	90
5550	17.24	-9.12	-0.92	-3.07	-0.92	-31.31	9.12	90
5560	17.52	-9.02	-0.71	-2.86	-0.71	-31.1	9.02	90
5570	15.62	-9.74	-1.31	-3.46	-1.31	-34.42	9.74	90
5580	15.43	-9.82	-1.32	-3.47	-1.32	-32	9.82	90
5590	14.93	-10.03	-1.69	-3.84	-1.69	-35	10.03	90
5600	15.77	-9.68	-1.38	-3.53	-1.38	-32.28	9.68	90
5610	17.99	-8.86	-0.91	-3.06	-0.91	-31.46	8.86	90
5620	19.05	-8.52	-0.54	-2.69	-0.54	-31.41	8.52	90
5630	18.57	-8.67	-0.74	-2.89	-0.74	-30.45	8.67	90
5640	17.21	-9.13	-1.35	-3.5	-1.35	-32.55	9.13	90
5650	18.46	-8.71	-0.93	-3.08	-0.93	-31.52	8.71	90
5660	17.69	-8.96	-1.47	-3.62	-1.47	-34.38	8.96	120
5670	16.73	-9.31	-1.82	-3.97	-1.82	-38.46	9.31	120
5680	18.02	-8.86	-1.29	-3.44	-1.29	-34.25	8.86	120
5690	18.39	-8.73	-0.98	-3.13	-0.98	-33.93	8.73	120
5700	19.63	-8.35	-0.61	-2.76	-0.61	-28.95	8.35	90
5710	18.19	-8.8	-1.15	-3.3	-1.15	-32.6	8.8	90

ADD: Shenzhen baoan district for road no. 1 on da industry park 4 5 floor

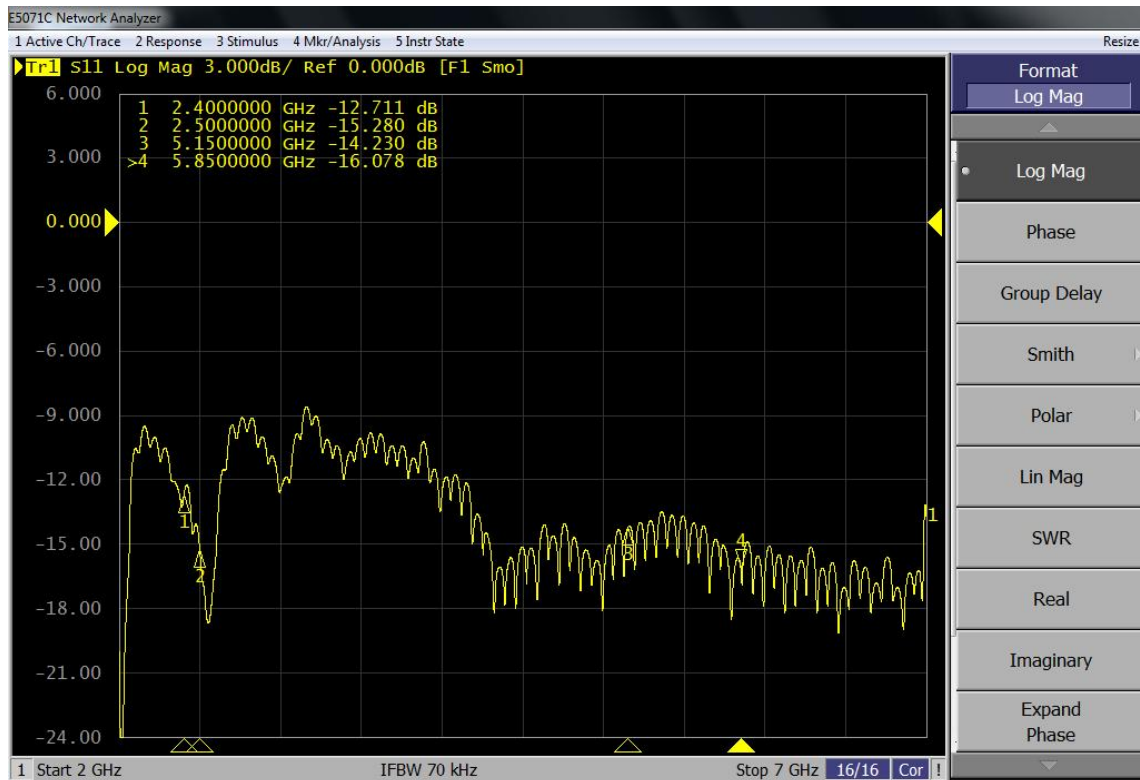
WEB: www.shenzhenguyang.com

TEL: 0755-86031011 /86037033

FAX: 0755-86033315

5720	16.17	-9.52	-1.88	-4.03	-1.88	-31.38	9.52	90
5730	17.22	-9.13	-1.85	-4	-1.85	-31.13	9.13	60
5740	17.25	-9.12	-2.11	-4.26	-2.11	-31.76	9.12	30
5750	18.49	-8.7	-1.78	-3.93	-1.78	-32.43	8.7	30
5760	18.7	-8.63	-1.86	-4.01	-1.86	-28.41	8.63	30
5770	19.17	-8.49	-1.6	-3.75	-1.6	-29.31	8.49	30
5780	18.9	-8.57	-1.83	-3.98	-1.83	-29.43	8.57	30
5790	16.65	-9.34	-2.72	-4.87	-2.72	-29.11	9.34	30
5800	16.39	-9.43	-2.86	-5.01	-2.86	-34.6	9.43	30
5810	16.8	-9.28	-2.53	-4.68	-2.53	-36.16	9.28	30
5820	17.59	-9	-2.07	-4.22	-2.07	-29.47	9	0
5830	16.25	-9.49	-2.17	-4.32	-2.17	-27.32	9.49	0
5840	14.91	-10.04	-2.67	-4.82	-2.67	-28.46	10.04	0
5850	15.4	-9.83	-2.58	-4.73	-2.58	-28.69	9.83	90

4 Return loss



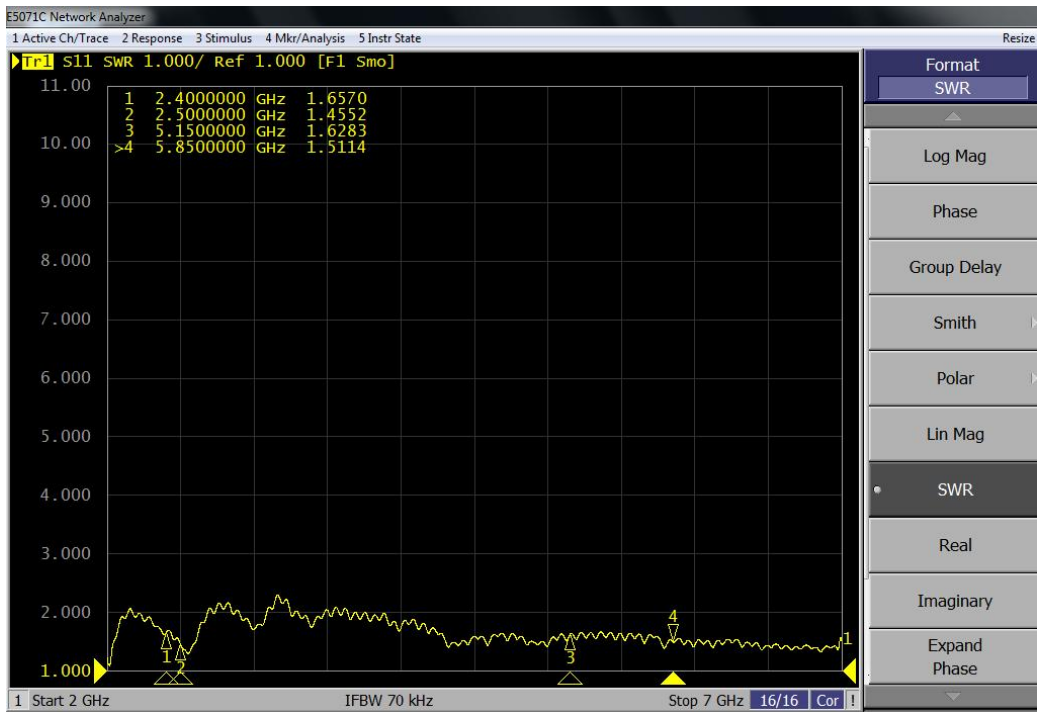
ADD: Shenzhen baoan district for road no. 1 on da industry park 4 5 floor

WEB: www.shenzhenguyang.com

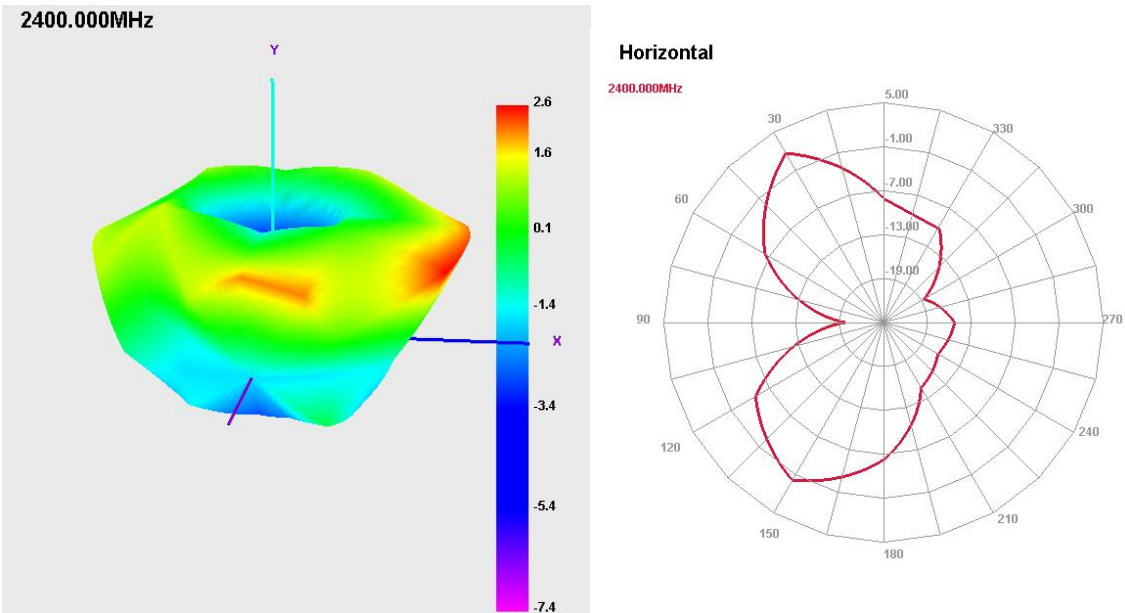
TEL: 0755-86031011 /86037033

FAX: 0755-86033315

5 Voltage standing wave ratio



6 Direction map

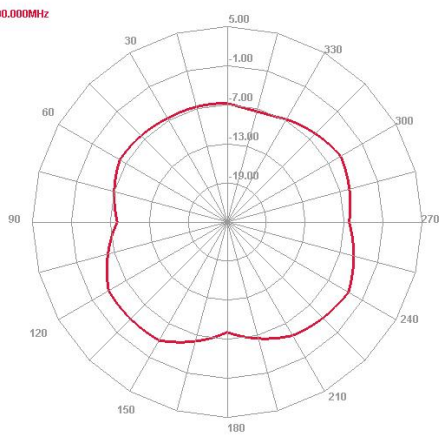


ADD: Shenzhen baoan district for road no. 1 on da industry park 4 5 floor

WEB: www.shenzhenguyang.com TEL: 0755-86031011 /86037033 FAX: 0755-86033315

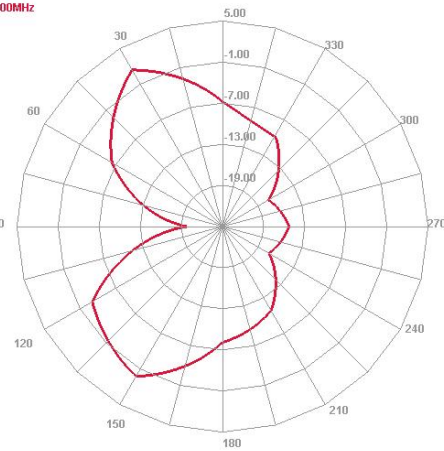
E1 Face

2400.000MHz

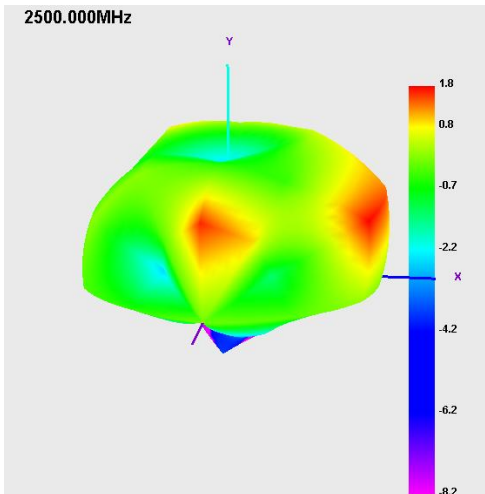


E2 Face

2400.000MHz

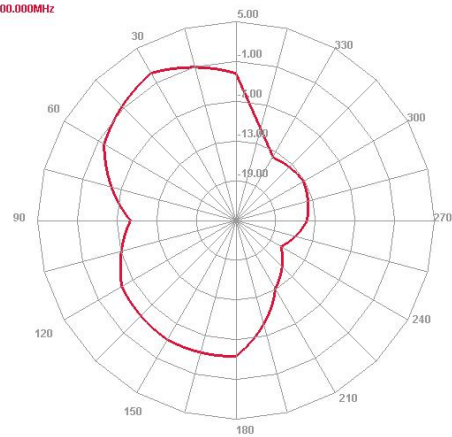


2500.000MHz



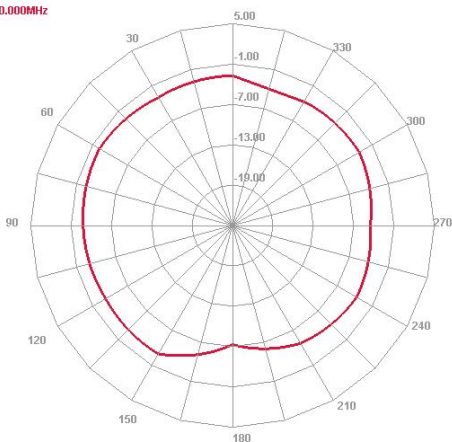
Horizontal

2500.000MHz



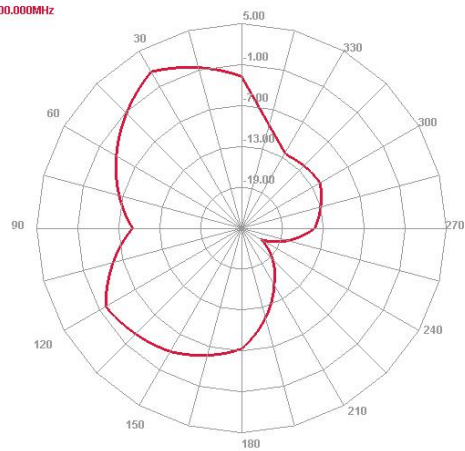
E1 Face

2500.000MHz



E2 Face

2500.000MHz

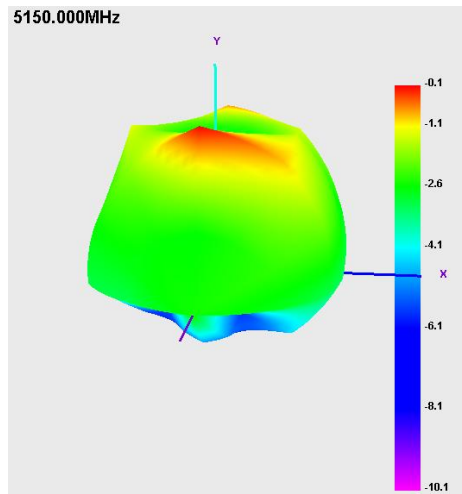


ADD: Shenzhen baoan district for road no. 1 on da industry park 4 5 floor

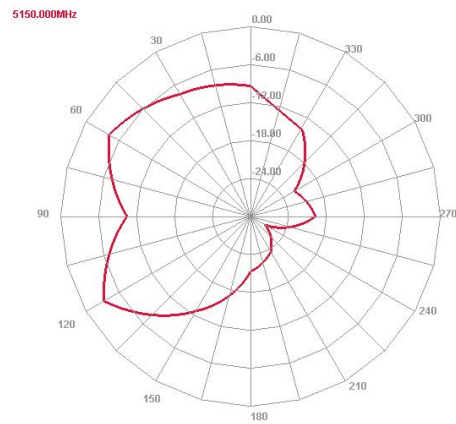
WEB: www.shenzhenguyang.com

TEL: 0755-86031011 /86037033

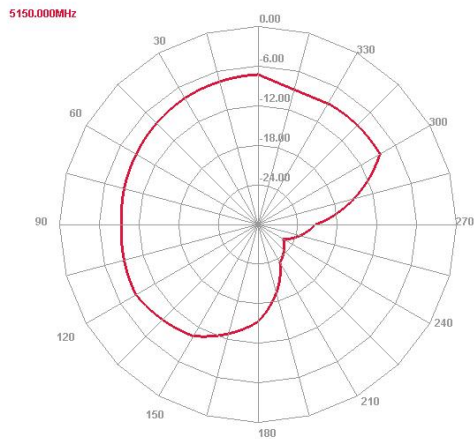
FAX: 0755-86033315



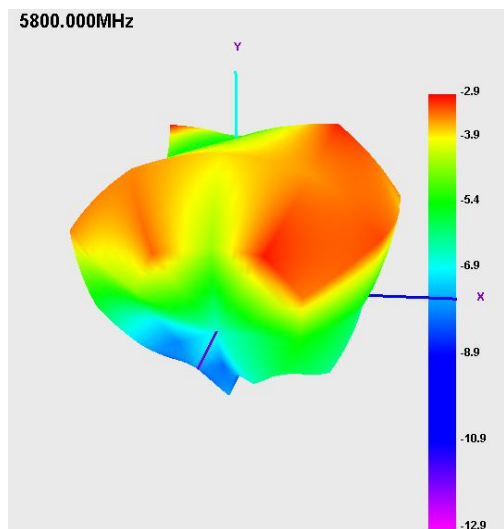
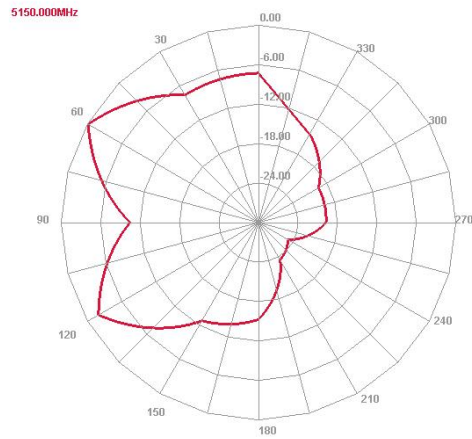
Horizontal



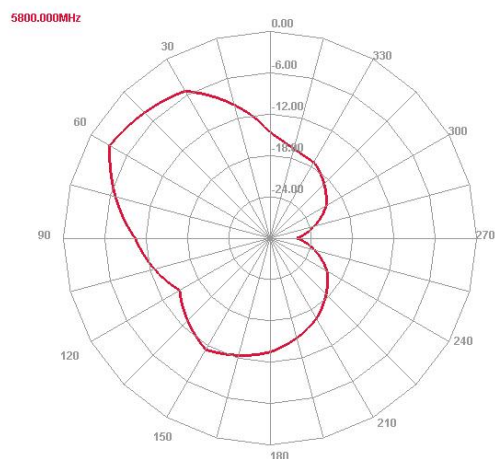
E1 Face



E2 Face



Horizontal



ADD: Shenzhen baoan district for road no. 1 on da industry park 4 5 floor

WEB: www.shenzhenguyang.com

TEL: 0755-86031011 /86037033

FAX: 0755-86033315

FAX: 0755-86033315