

检测结果记录表

样品名称	EAP262 (E) -V2	样机型号		申请单编号	
检测依据	国标	样品数量	1台	样品编号	
检测项目	无源	检测设备	E5071C	检测条件	22.2℃ / 43 %
检测目的	\				

检测结果记录

申请人/送样人	\	软件版本		硬件版本	—
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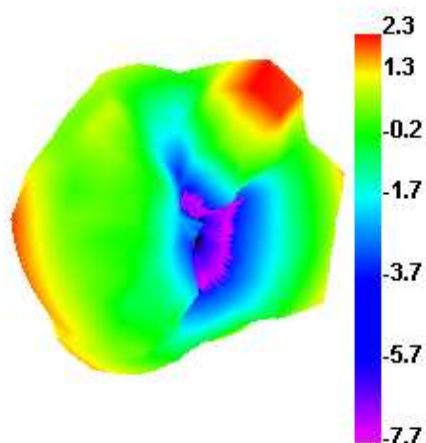
样机信息
(含S/N号)H: xoy
E1: xoz
E2: zoy

备注说明

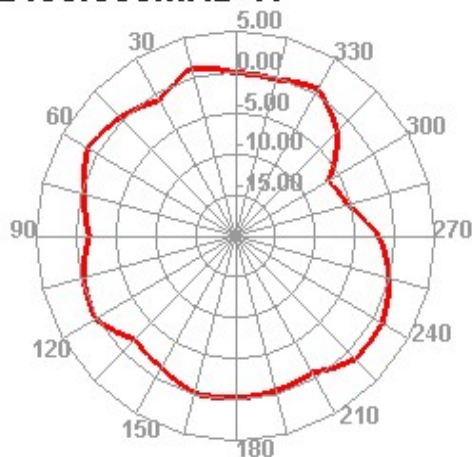
Freq (MHz)	Effi (%)	Max (dB)	Freq (MHz)	Effi (%)	Max (dB)	Freq (MHz)	Effi (%)	Max (dB)
5150	64.54	2.70	5150	57.70	3.16	5150	49.63	1.71
5160	64.04	2.80	5160	57.09	3.14	5160	48.01	1.55
5170	61.41	2.68	5170	54.59	2.92	5170	46.77	1.54
5180	62.36	2.84	5180	55.99	3.01	5180	47.33	1.64
5190	66.54	3.22	5190	59.68	3.32	5190	49.46	1.87
5200	65.76	3.11	5200	59.19	3.35	5200	49.02	1.96
5210	65.65	3.09	5210	59.35	3.42	5210	47.88	1.85
5220	66.48	3.17	5220	59.36	3.45	5220	48.52	1.88
5230	66.06	3.17	5230	59.38	3.52	5230	48.41	1.87
5240	66.53	3.17	5240	59.63	3.55	5240	48.06	1.91
5250	68.61	3.31	5250	60.79	3.71	5250	50.02	2.14
5260	69.28	3.33	5260	61.67	3.83	5260	50.38	2.22
5270	68.68	3.24	5270	60.15	3.71	5270	50.18	2.24
5280	65.93	3.10	5280	57.60	3.55	5280	48.66	2.19
5290	65.59	3.05	5290	57.64	3.53	5290	48.20	2.12
5300	67.18	3.16	5300	57.83	3.57	5300	49.58	2.24
5310	66.63	3.12	5310	57.58	3.59	5310	49.41	2.18
5320	67.42	3.14	5320	57.52	3.56	5320	50.24	2.24
5330	68.33	3.28	5330	57.61	3.50	5330	51.11	2.36
5340	67.79	3.33	5340	58.04	3.45	5340	50.84	2.41
5350	69.41	3.38	5350	58.32	3.44	5350	52.17	2.47
5360	72.57	3.53	5360	60.71	3.62	5360	54.41	2.59
5370	72.68	3.49	5370	60.68	3.62	5370	54.62	2.54
5380	71.52	3.41	5380	58.58	3.28	5380	53.25	2.42
5390	71.59	3.39	5390	59.65	3.24	5390	53.35	2.40
5400	73.07	3.48	5400	60.63	3.10	5400	54.58	2.51
5410	73.47	3.60	5410	60.31	2.95	5410	54.26	2.45
5420	75.85	3.82	5420	62.94	2.97	5420	56.23	2.59

5430	75.00	3.78	5430	61.08	2.68	5430	54.94	2.42
5440	70.16	3.56	5440	57.89	2.39	5440	51.46	2.04
5450	67.58	3.44	5450	56.39	2.10	5450	50.16	1.73
5460	69.39	3.52	5460	57.07	2.12	5460	50.93	1.82
5470	69.64	3.60	5470	58.21	2.18	5470	51.68	1.91
5480	68.50	3.55	5480	57.08	2.09	5480	51.05	2.00
5490	65.18	3.34	5490	54.58	1.87	5490	48.73	1.89
5500	62.85	3.27	5500	53.72	1.77	5500	48.16	1.90
5510	64.44	3.30	5510	53.82	1.56	5510	48.65	1.83
5520	67.65	3.54	5520	56.34	1.69	5520	51.03	2.02
5530	70.81	3.78	5530	58.69	1.83	5530	53.44	2.28
5540	70.20	3.79	5540	57.64	1.72	5540	52.61	2.23
5550	66.58	3.56	5550	56.27	1.67	5550	51.47	2.18
5560	69.29	3.65	5560	58.40	1.92	5560	53.69	2.43
5570	73.82	3.92	5570	62.14	2.16	5570	57.41	2.69
5580	74.28	3.96	5580	63.39	2.21	5580	58.76	2.82
5590	72.67	3.89	5590	61.34	2.10	5590	57.16	2.65
5600	71.57	3.72	5600	61.21	2.04	5600	57.13	2.59
5610	71.59	3.70	5610	61.20	2.00	5610	57.07	2.58
5620	72.90	3.69	5620	61.29	2.05	5620	57.19	2.64
5630	74.79	3.75	5630	63.90	2.21	5630	59.53	2.83
5640	75.30	3.90	5640	64.38	2.16	5640	60.07	2.79
5650	69.94	3.52	5650	60.85	1.98	5650	56.32	2.53
5660	65.38	3.15	5660	57.79	1.77	5660	52.61	2.26
5670	69.69	3.42	5670	60.62	2.01	5670	54.83	2.45
5680	73.45	3.64	5680	63.99	2.24	5680	57.50	2.66
5690	71.04	3.50	5690	61.92	2.15	5690	55.30	2.55
5700	67.45	3.22	5700	58.56	2.11	5700	52.01	2.24
5710	64.98	3.08	5710	57.12	2.10	5710	50.01	2.04
5720	65.72	3.09	5720	57.03	2.29	5720	49.87	2.09
5730	67.19	3.20	5730	57.95	2.43	5730	50.70	2.21
5740	67.49	3.19	5740	58.37	2.43	5740	50.85	2.16
5750	66.15	3.23	5750	56.65	2.38	5750	49.62	2.14
5760	62.02	2.91	5760	52.82	2.24	5760	46.41	1.74
5770	62.05	2.92	5770	51.93	2.13	5770	46.45	1.59
5780	67.25	3.34	5780	55.17	2.35	5780	50.38	1.81
5790	68.86	3.48	5790	56.16	2.50	5790	51.67	1.72
5800	66.64	3.31	5800	54.17	2.34	5800	50.11	1.29
5810	66.98	3.37	5810	54.34	2.42	5810	50.28	1.10
5820	68.89	3.50	5820	55.62	2.54	5820	51.98	1.01
5830	71.04	3.71	5830	56.80	2.70	5830	53.89	1.18
5840	71.58	3.75	5840	57.02	2.74	5840	54.33	1.15
5850	70.63	3.72	5850	56.23	2.72	5850	53.57	1.05
5G1 (L=60mm)			5G2 (L=200mm)			5G3 (L=310mm)		
Freq (MHz)	Effi (%)	Max (dB)	Freq (MHz)	Effi (%)	Max (dB)	Freq (MHz)	Effi (%)	Max (dB)
2400	64.6	2.32	2400	74.34	3.53	2400	37.25	1.25
2410	60.8	2.03	2410	70.33	3.1	2410	32.32	0.9
2420	60.06	2.08	2420	69.79	2.79	2420	31.29	0.8
2430	62.36	2.27	2430	72.05	3.02	2430	31.1	0.67
2440	61.6	2.12	2440	70.85	3.2	2440	30.26	0.36
2450	60.17	2.12	2450	66.35	3.07	2450	27.44	-0.14
2460	61.49	2.21	2460	66.71	3.16	2460	28.11	-0.09
2470	63.96	2.78	2470	67	3.1	2470	29.45	0.33
2480	62.52	3.14	2480	63.66	2.91	2480	28.13	0.21
2490	59.8	3.05	2490	59.85	2.68	2490	27.08	-0.03
2500	61.44	3.09	2500	61.11	2.75	2500	28.84	0.24
4 (2.4G)			5 (2.4G)			BT		
检测人员/日期			Sean/20230708			审核/日期		
						Wensen/20230708		

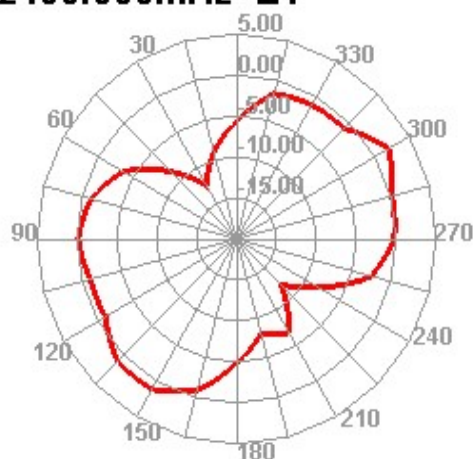
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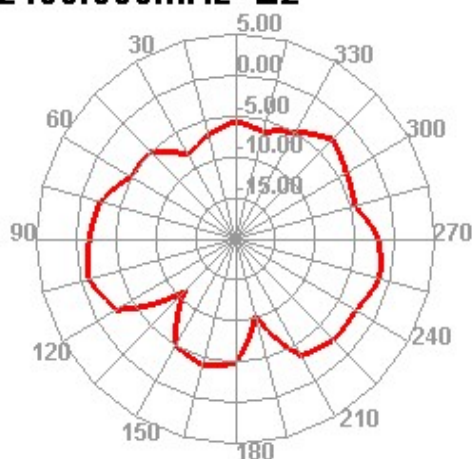
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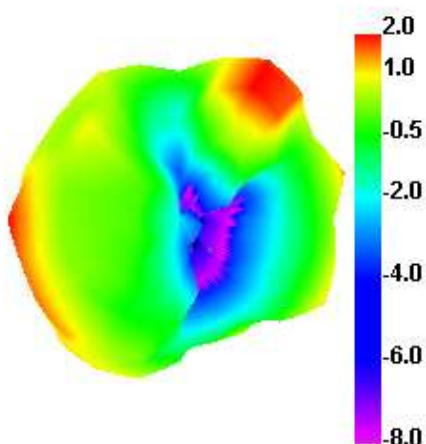
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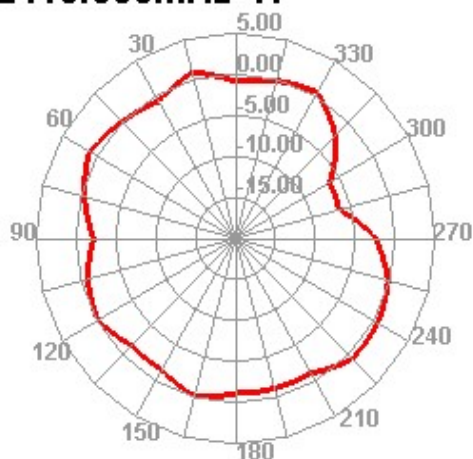
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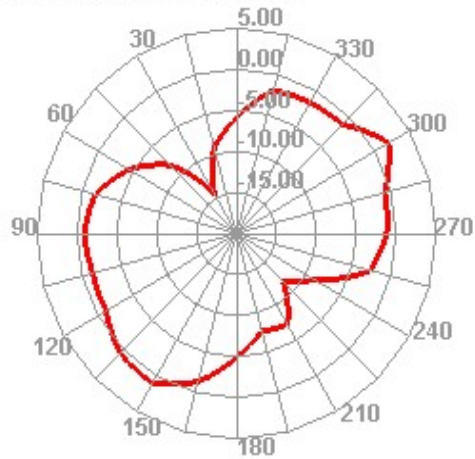
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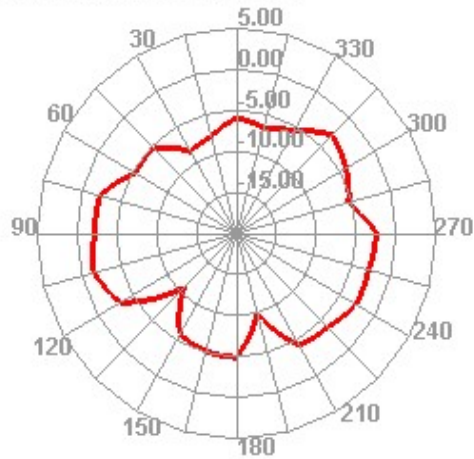
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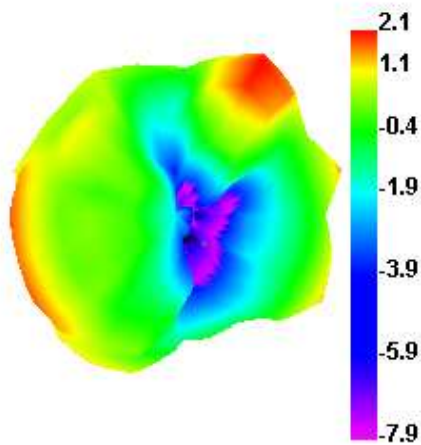
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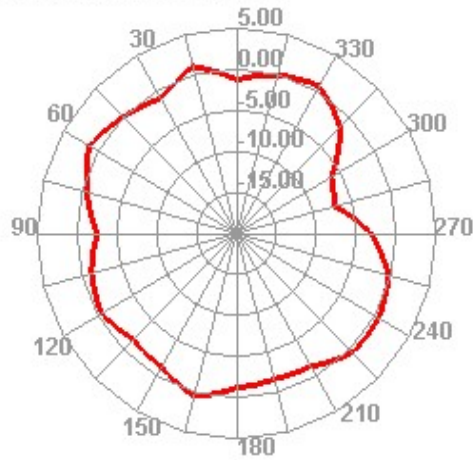
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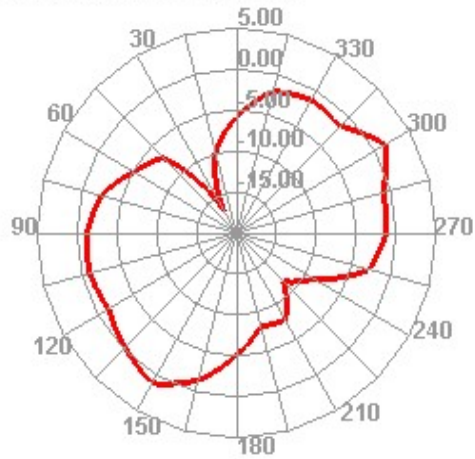
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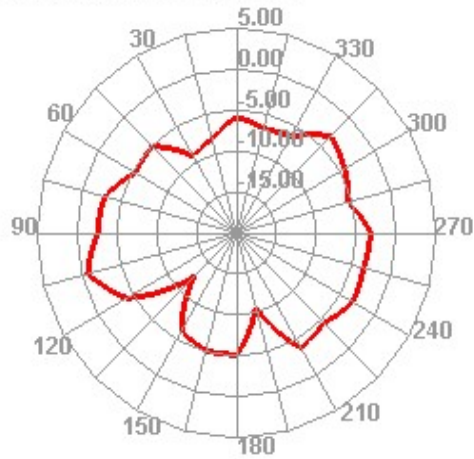
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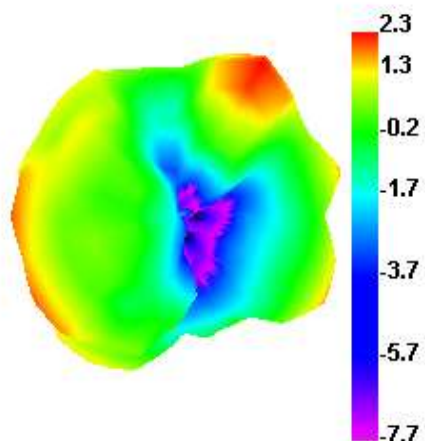
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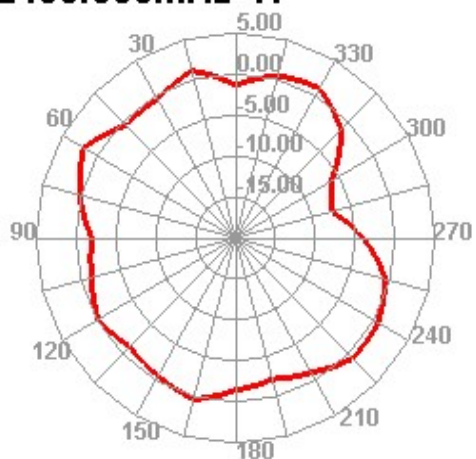
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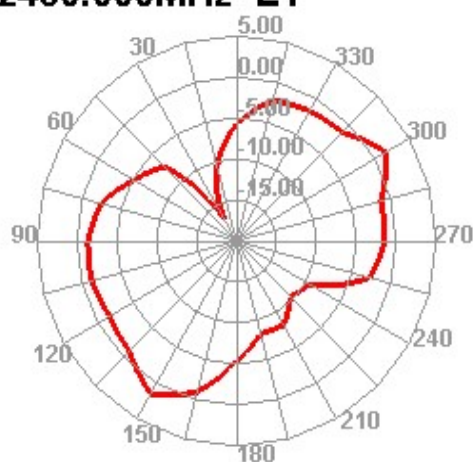
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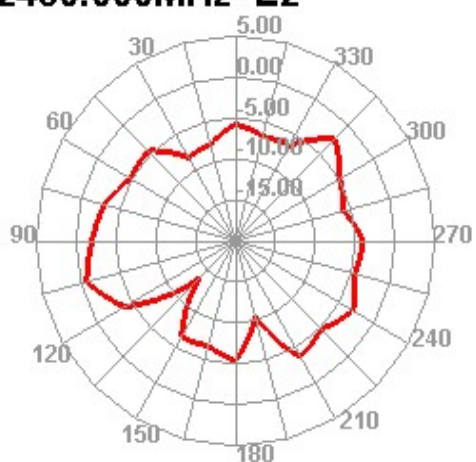
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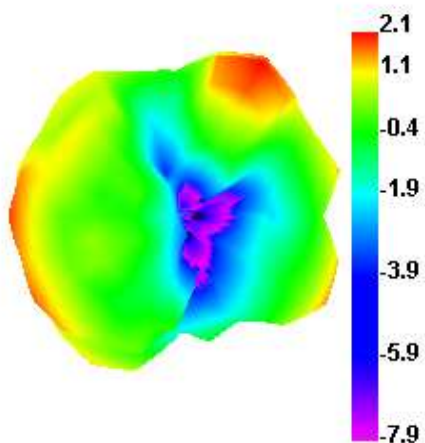
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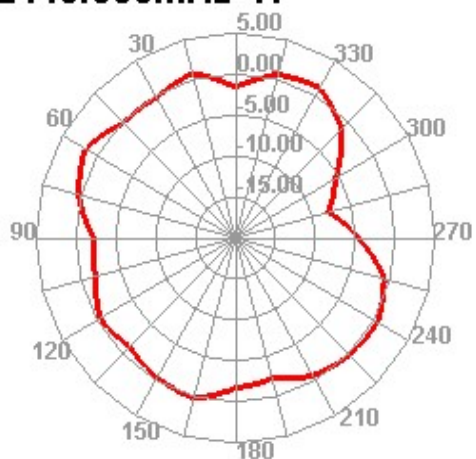
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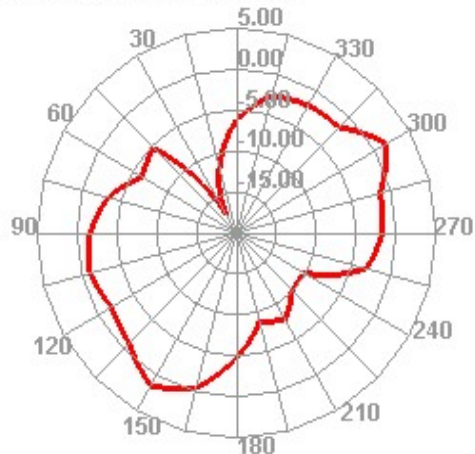
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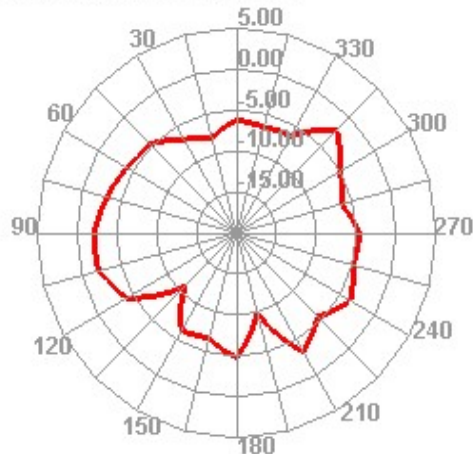
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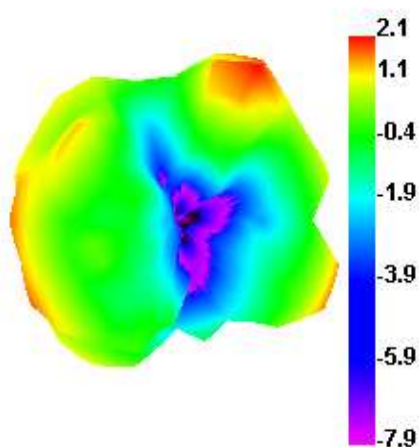
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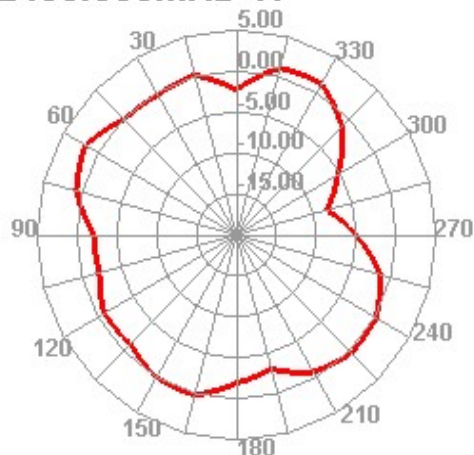
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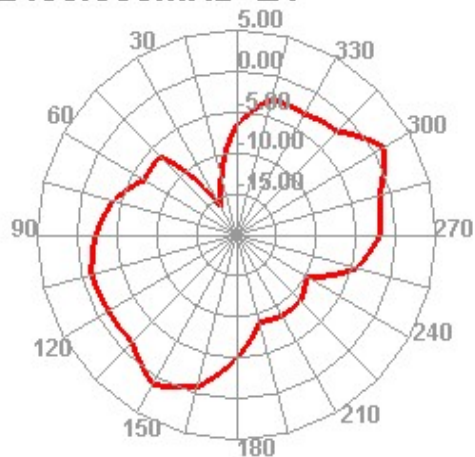
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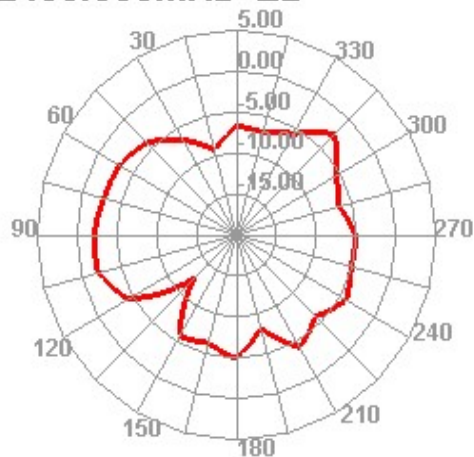
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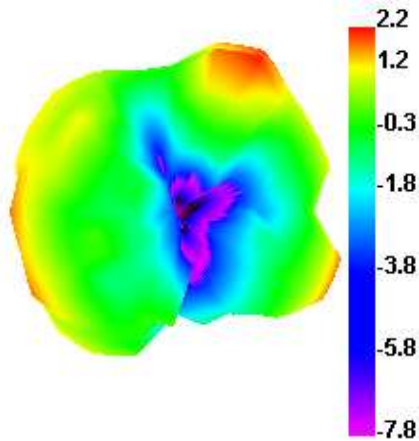
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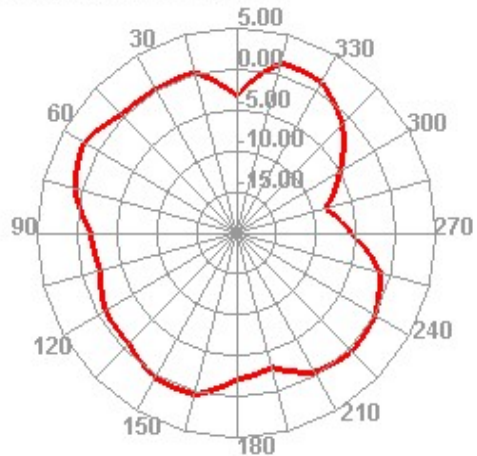
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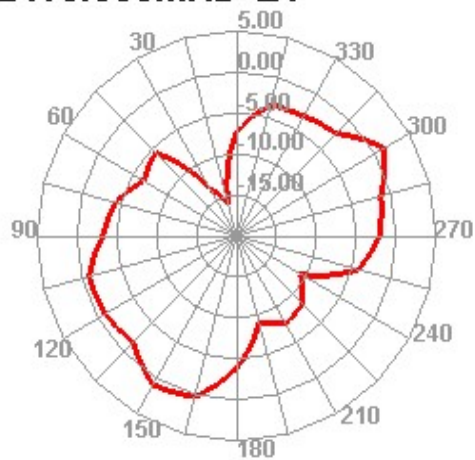
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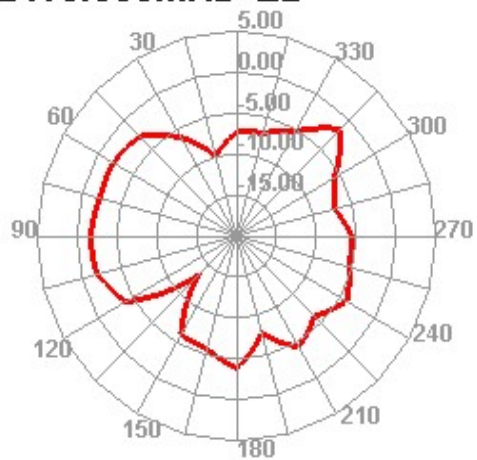
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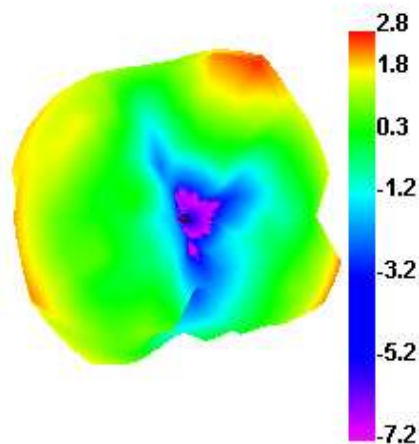
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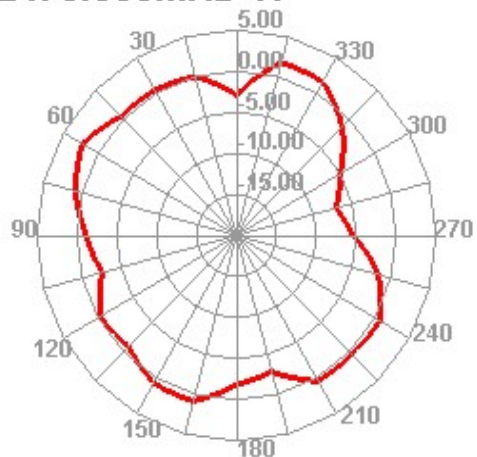
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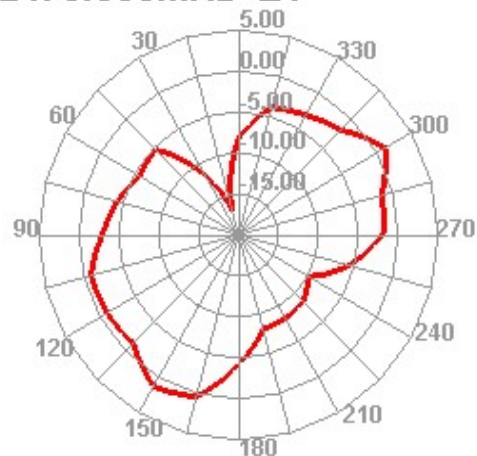
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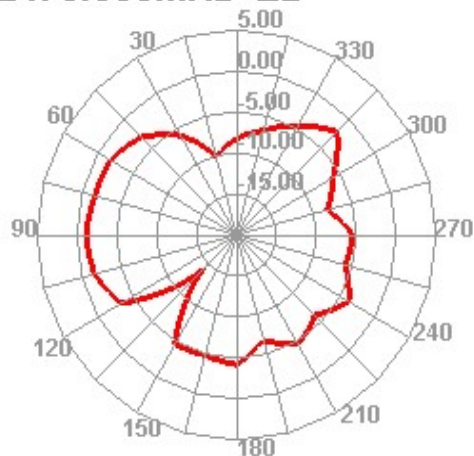
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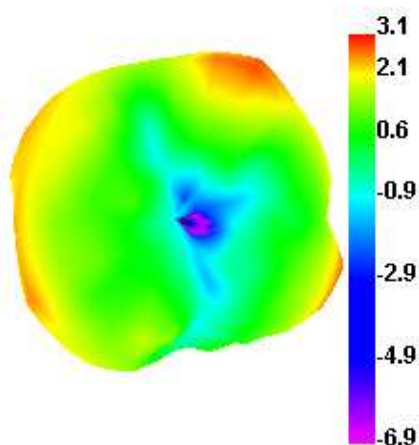
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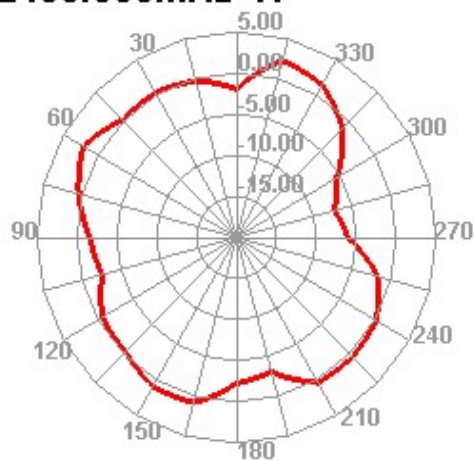
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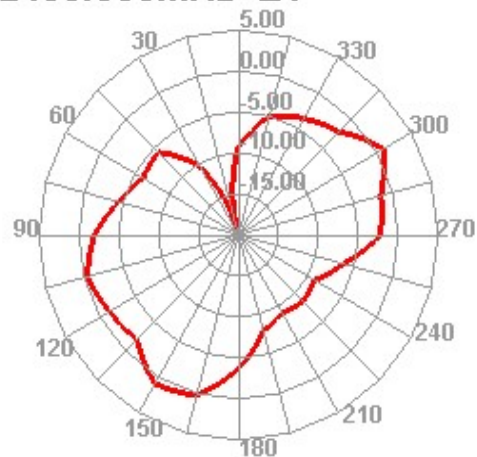
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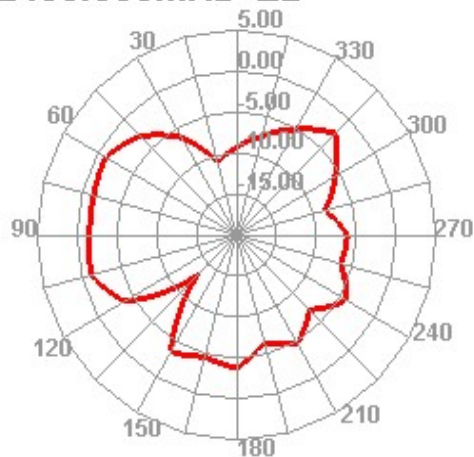
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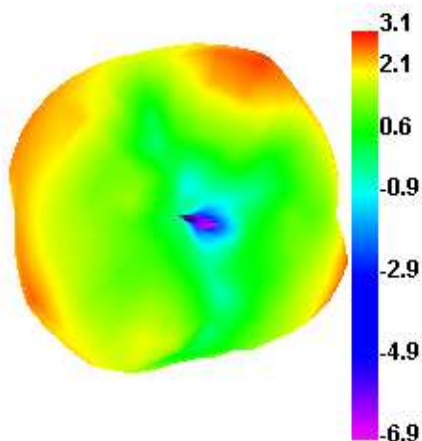
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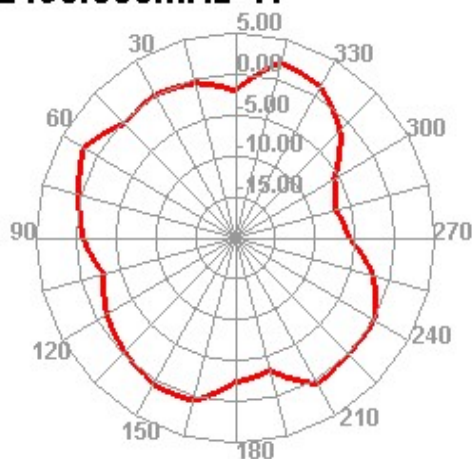
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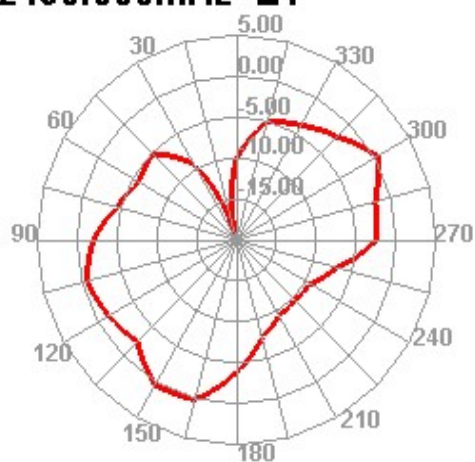
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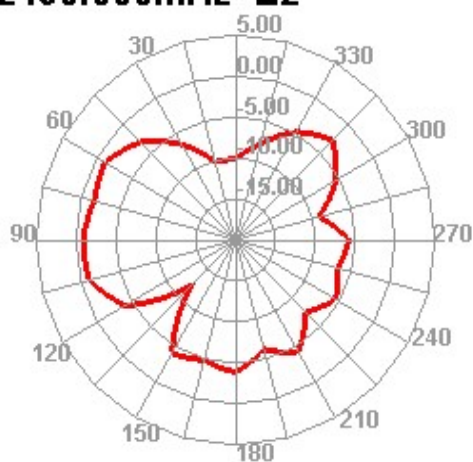
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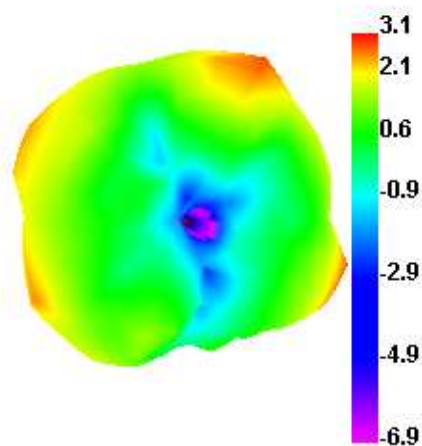
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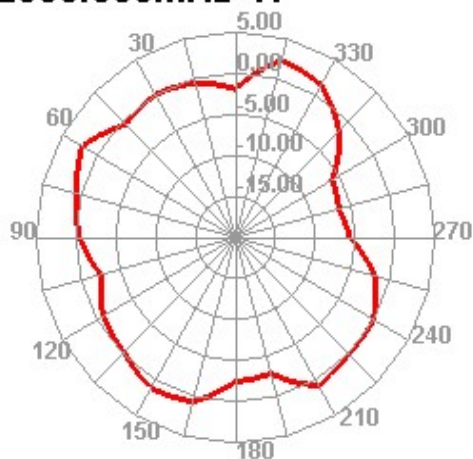
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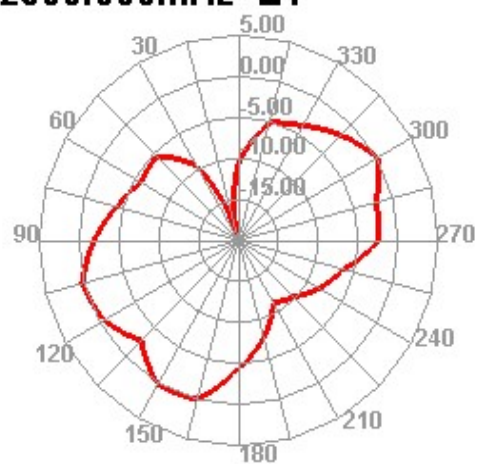
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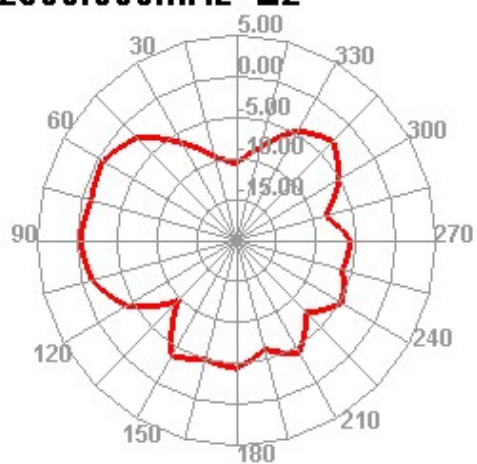
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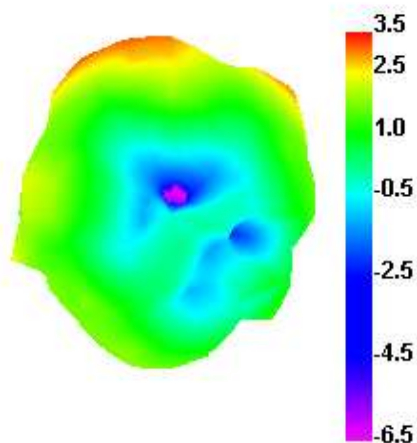
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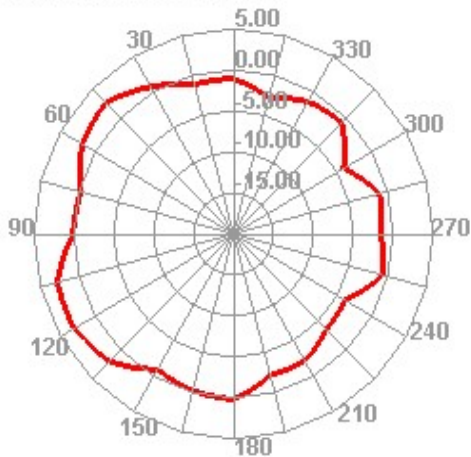
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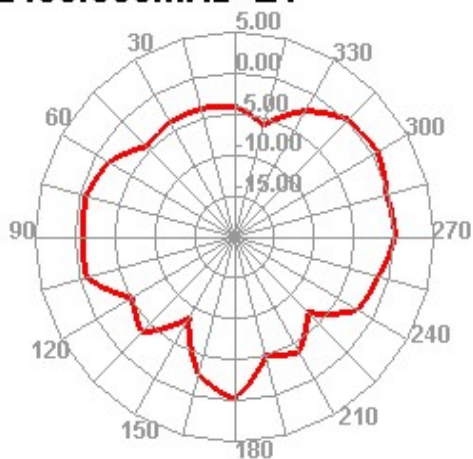
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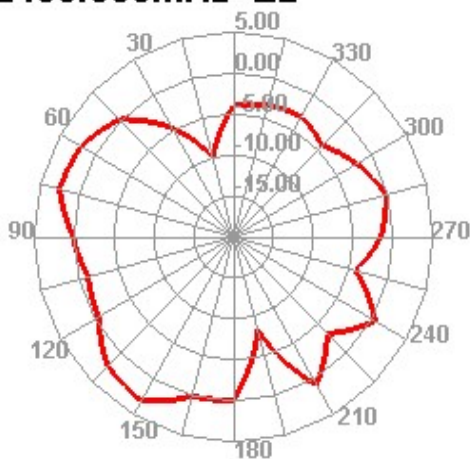
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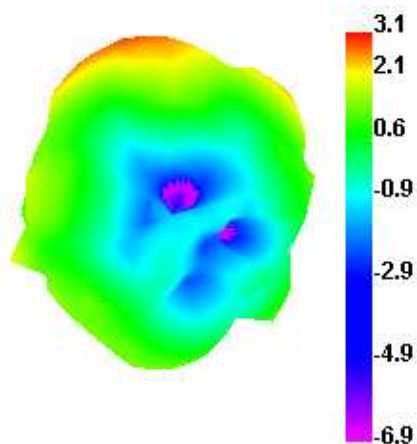
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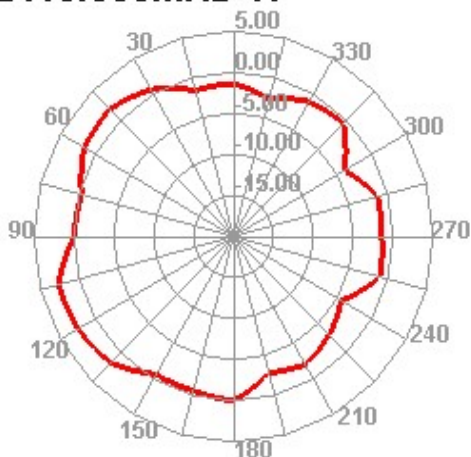
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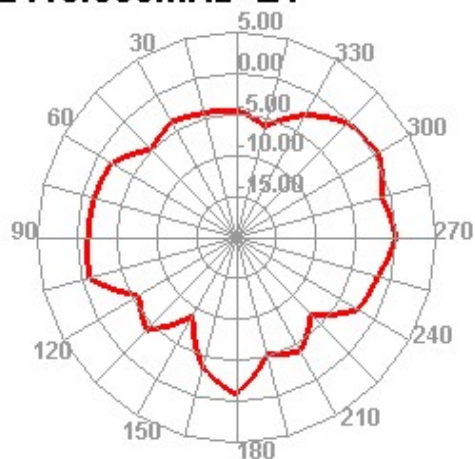
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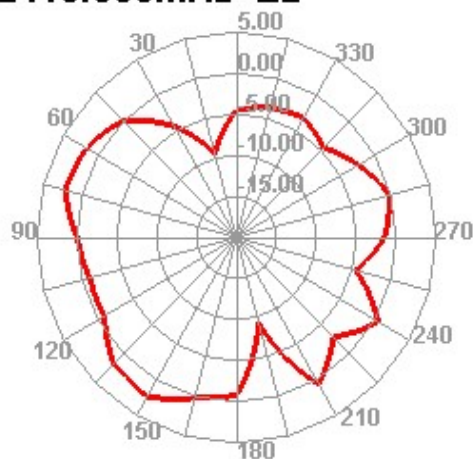
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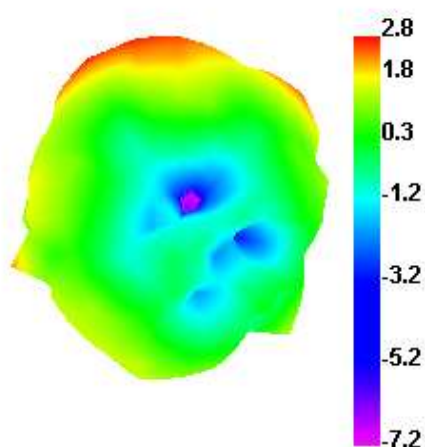
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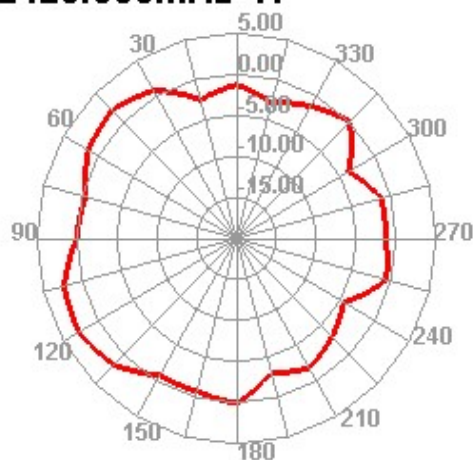
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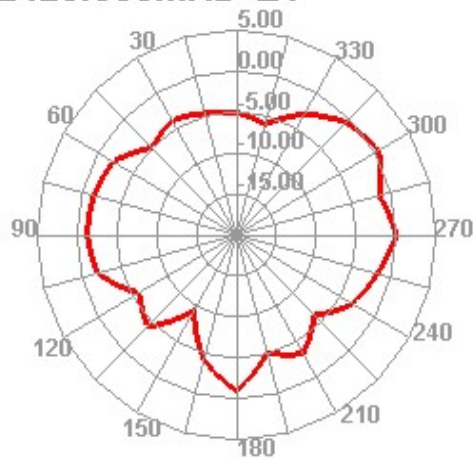
2420.000MHz



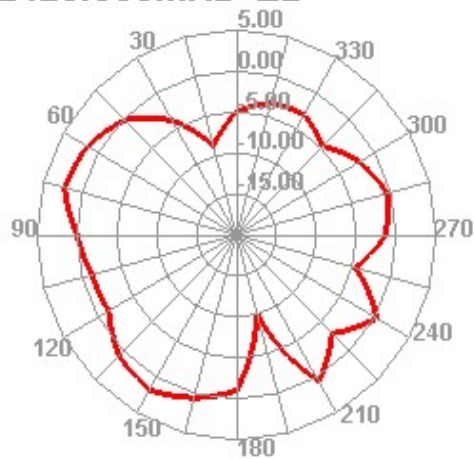
2420.000MHz H



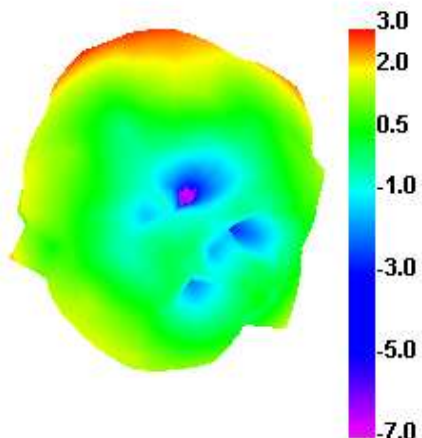
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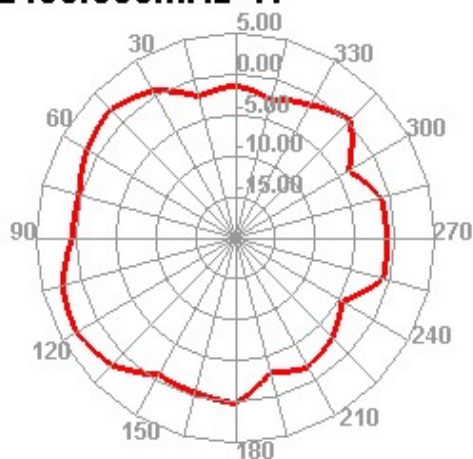
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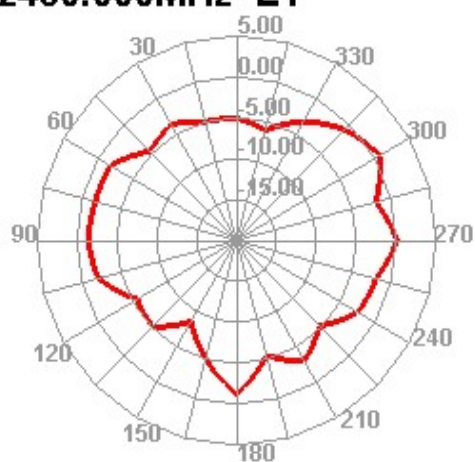
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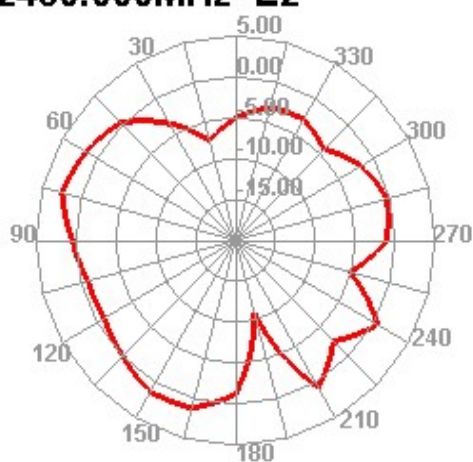
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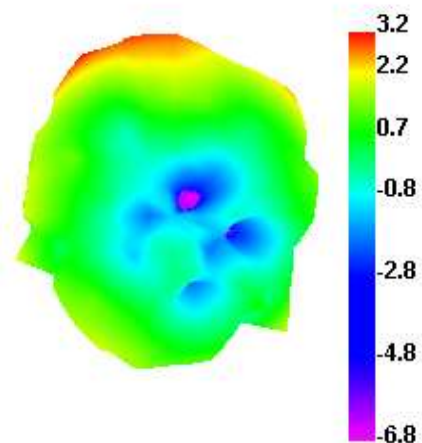
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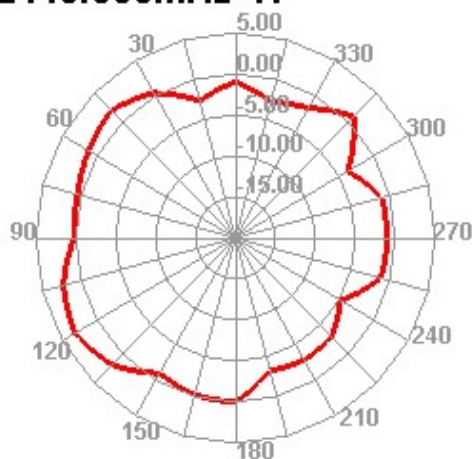
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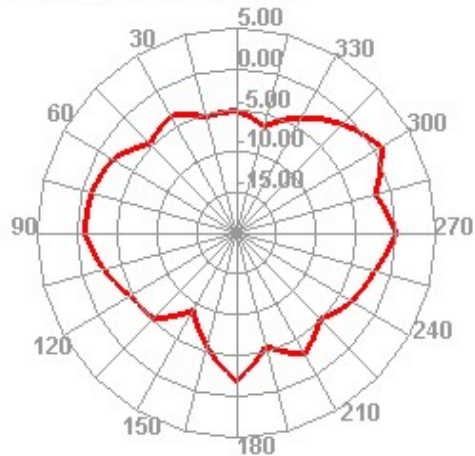
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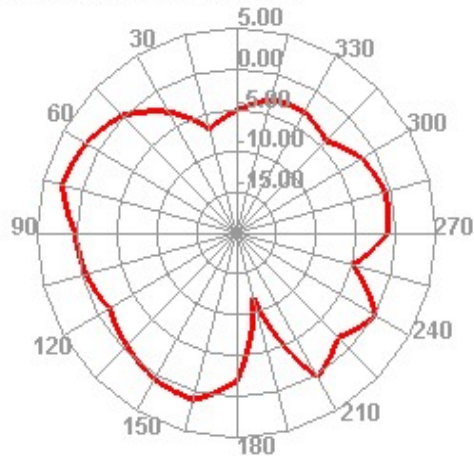
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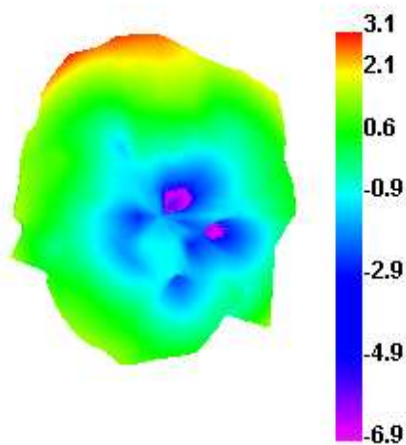
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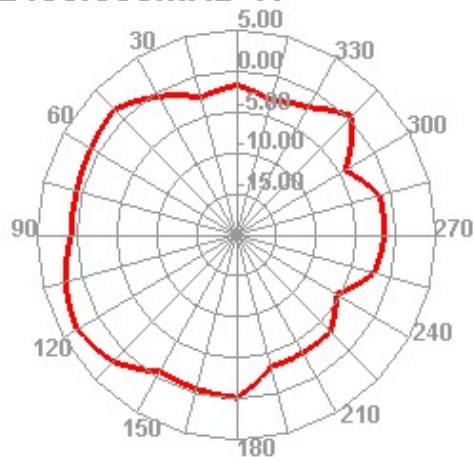
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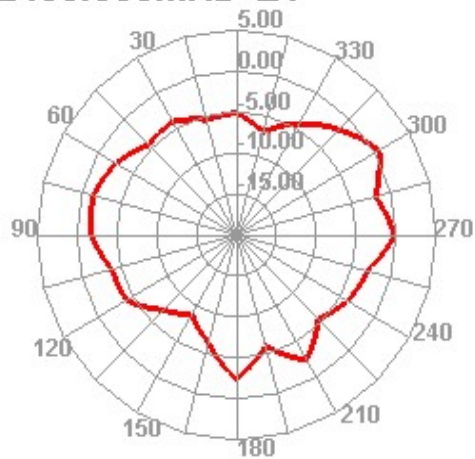
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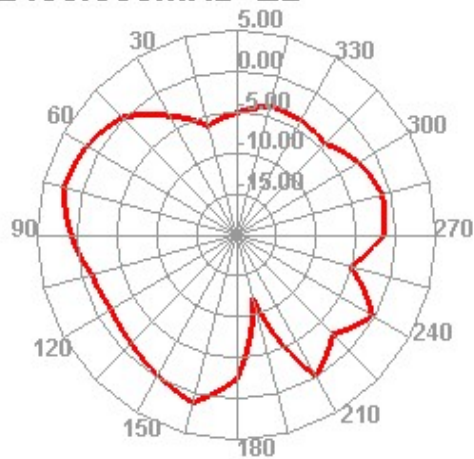
2450.000MHz H



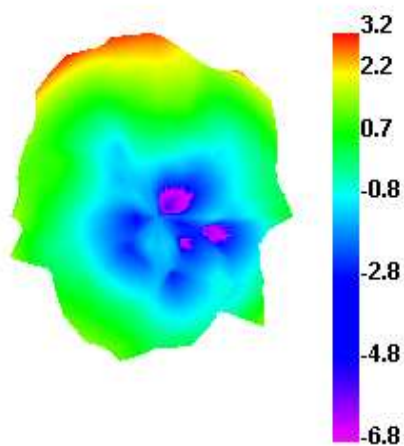
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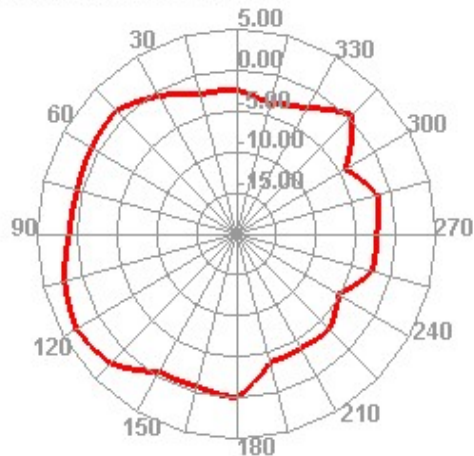
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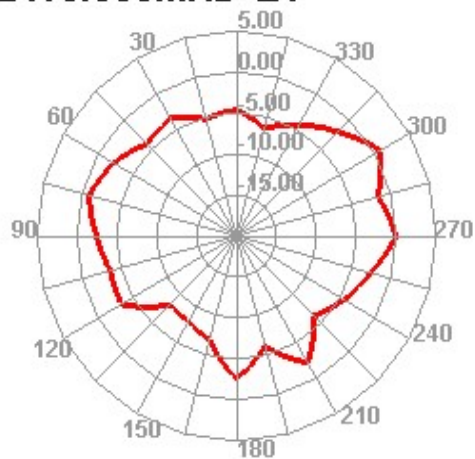
2460.000MHz



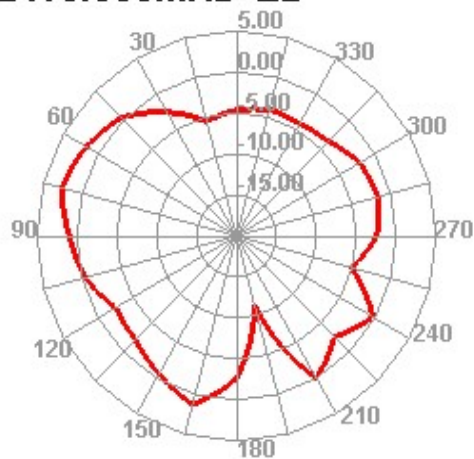
2460.000MHz H



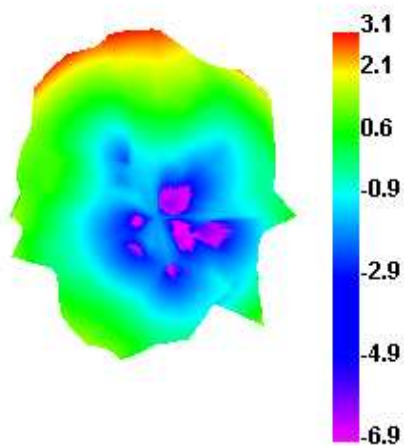
2460.000MHz E1



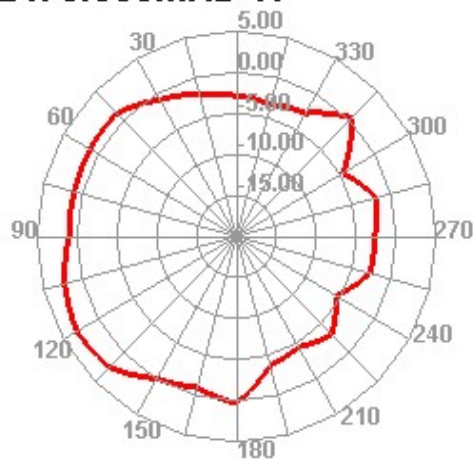
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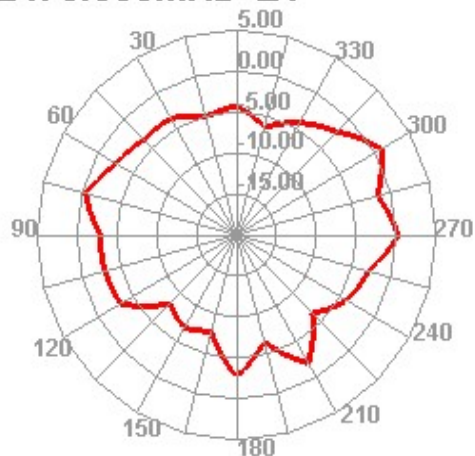
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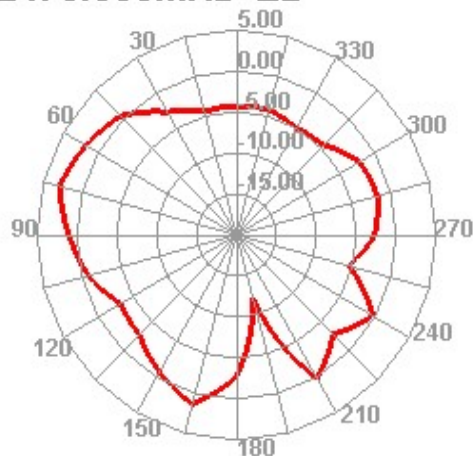
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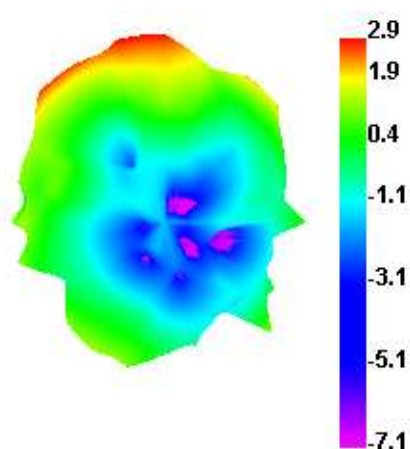
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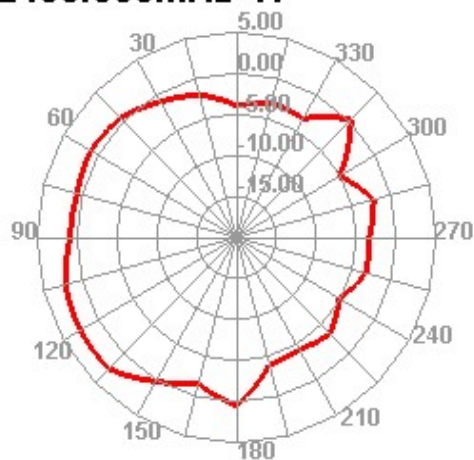
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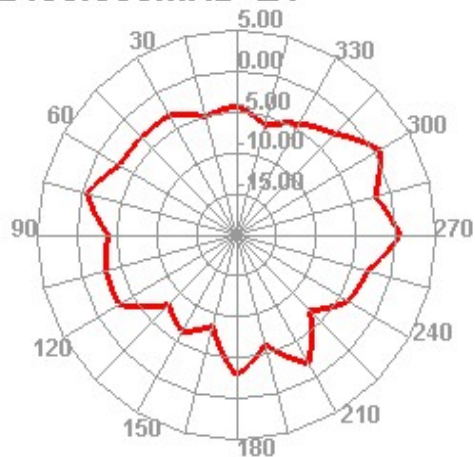
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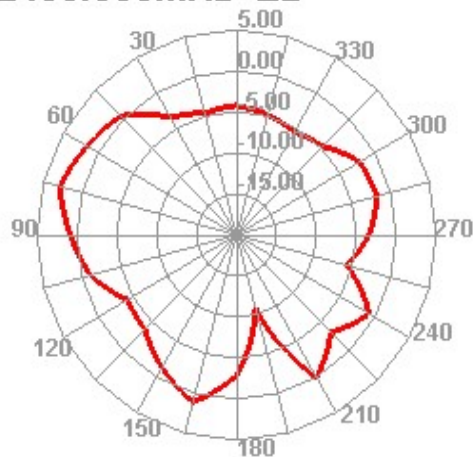
2480.000MHz H



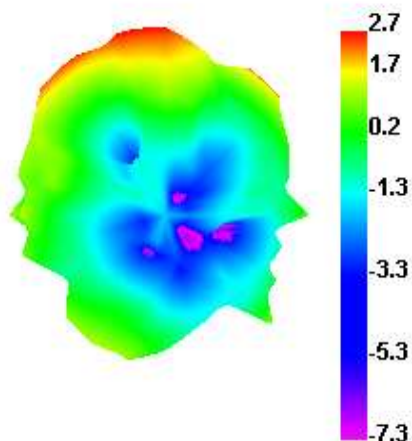
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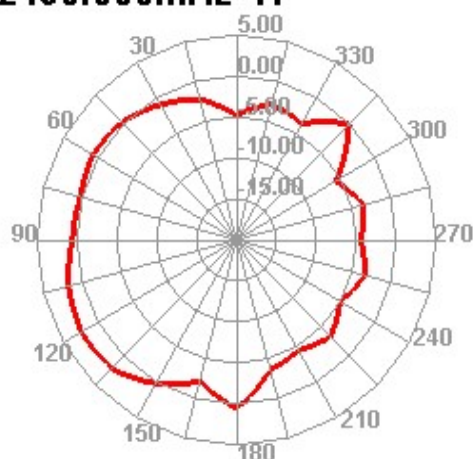
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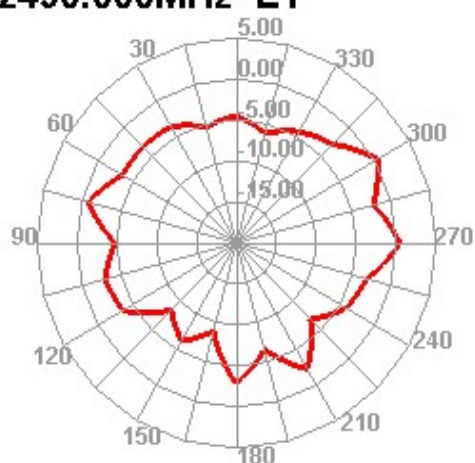
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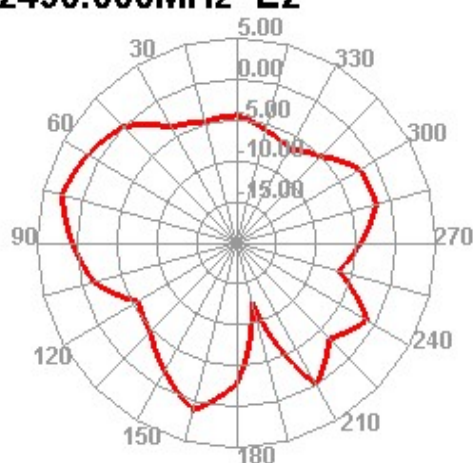
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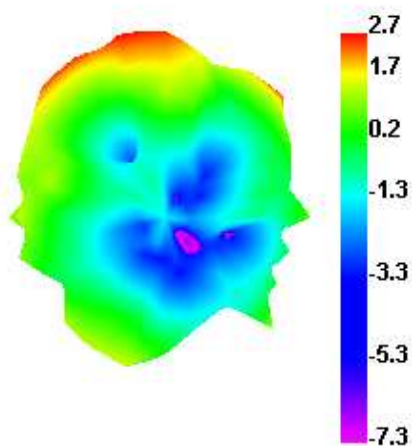
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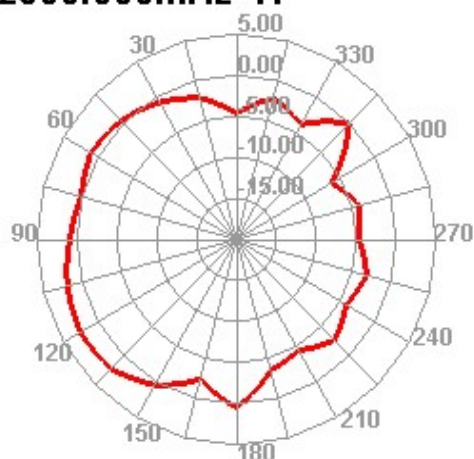
2490.000MHz E2



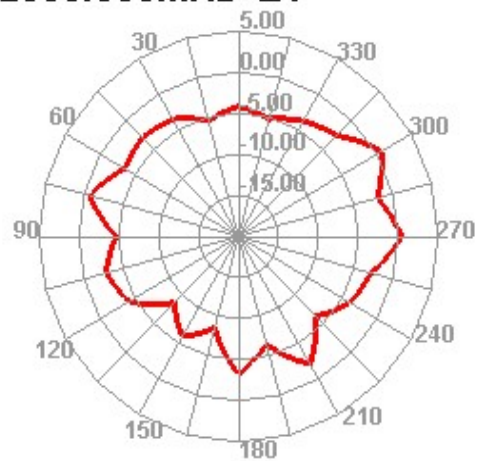
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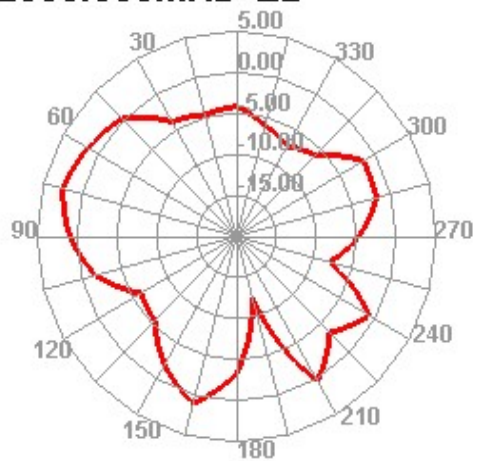
2500.000MHz H



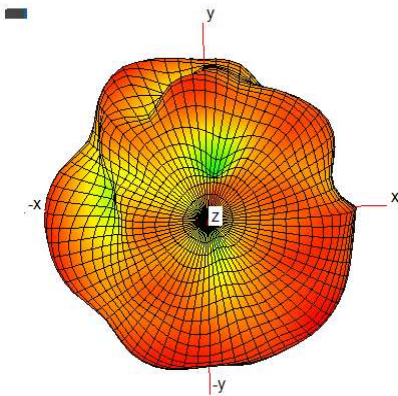
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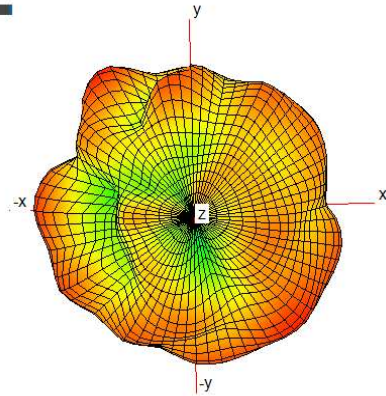
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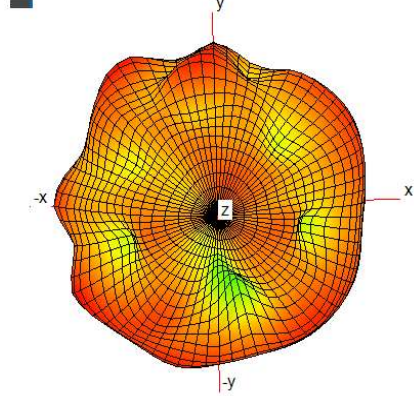
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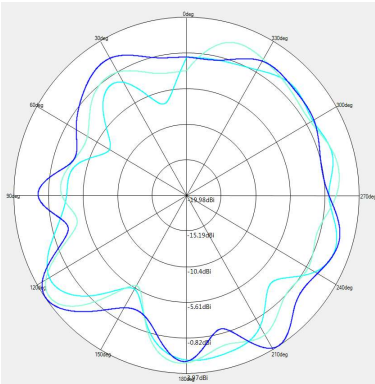
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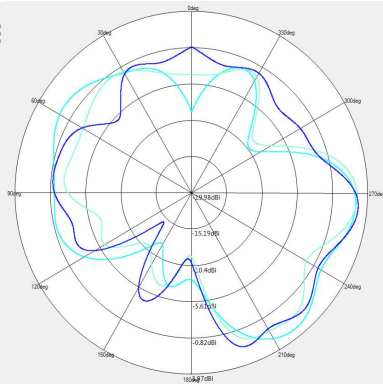
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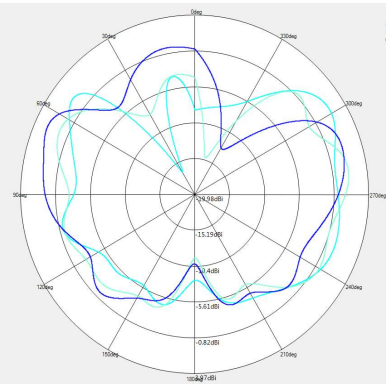
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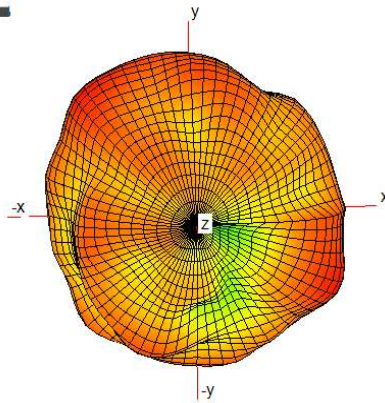
XOZ



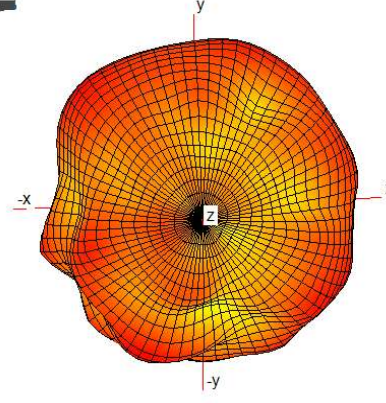
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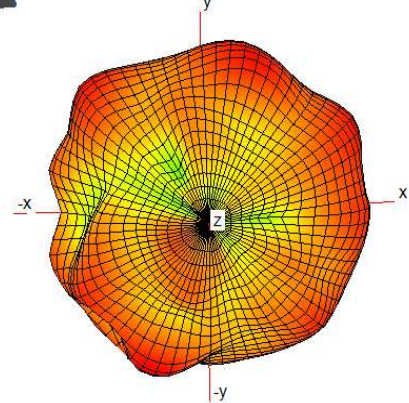
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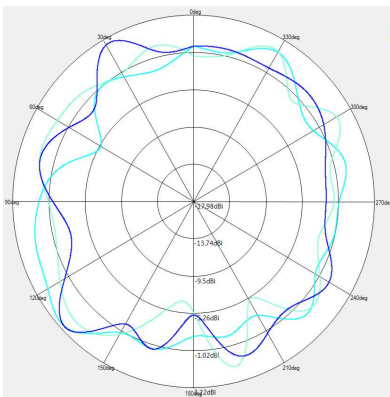
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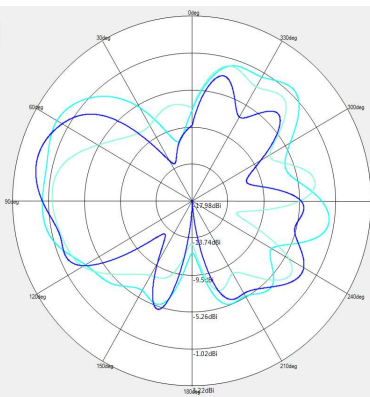
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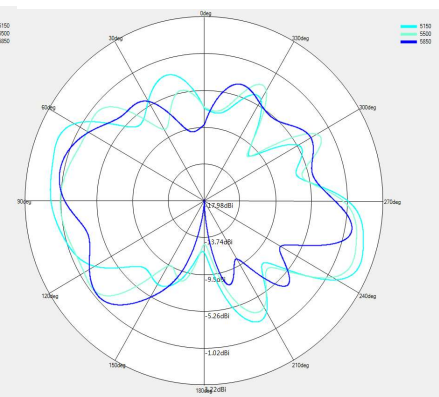
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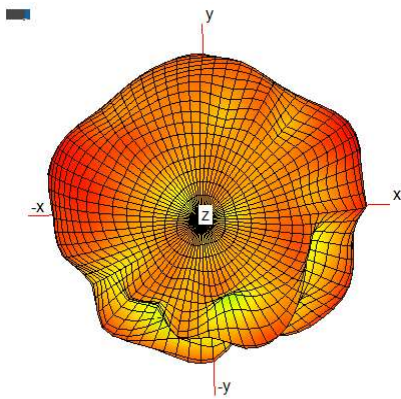
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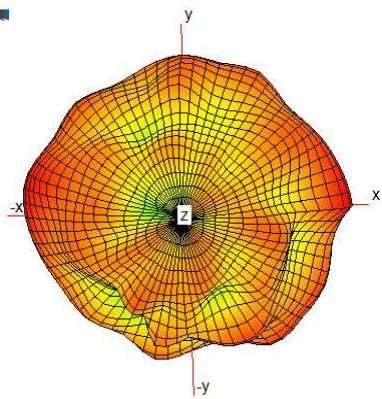
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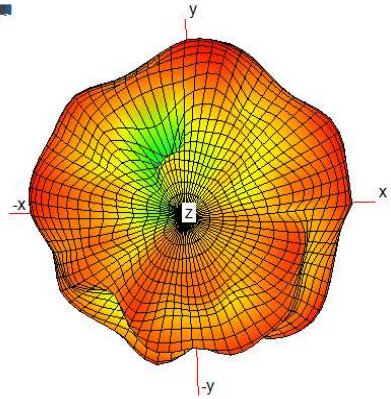
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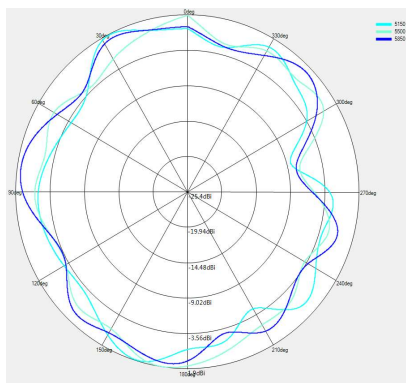
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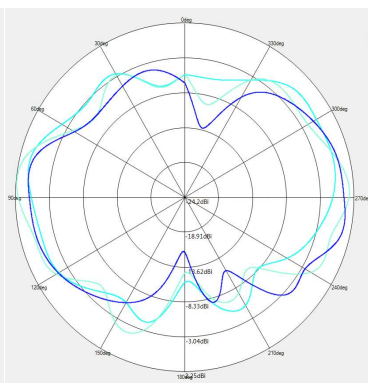
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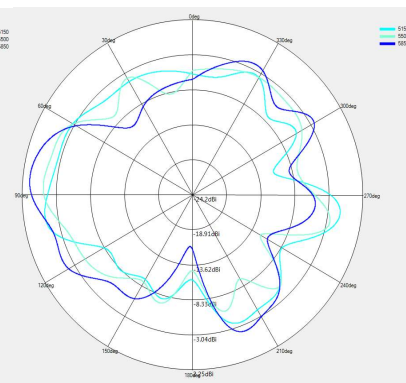
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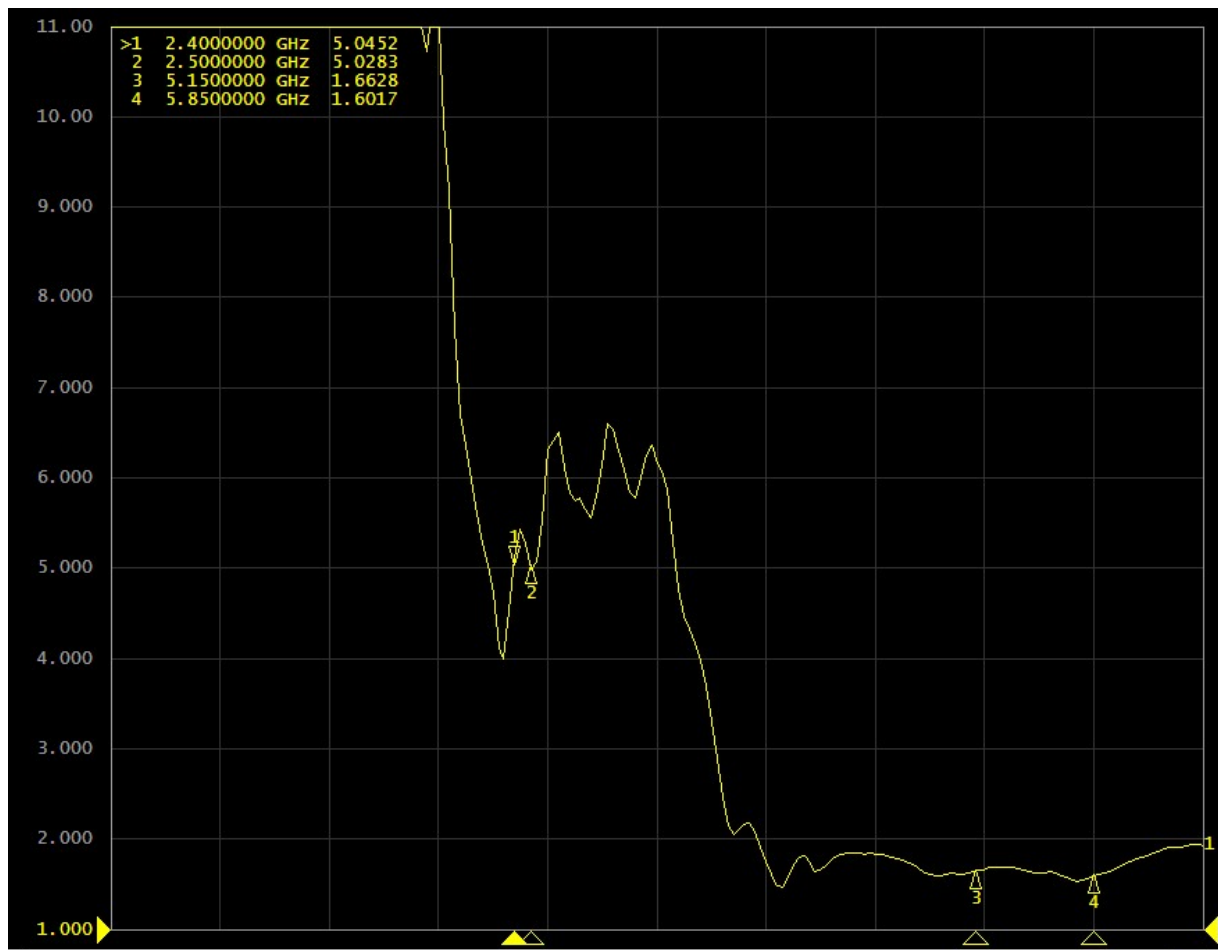


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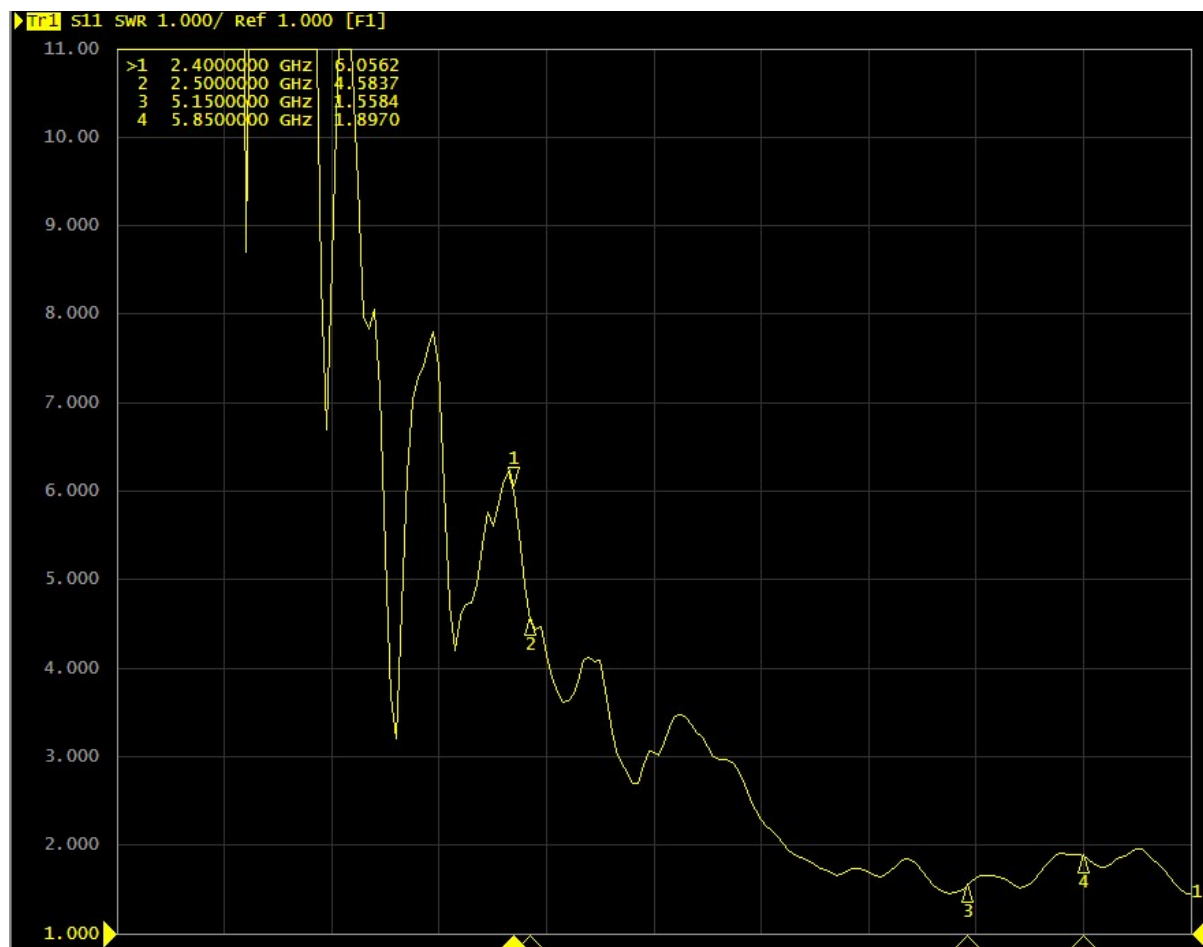


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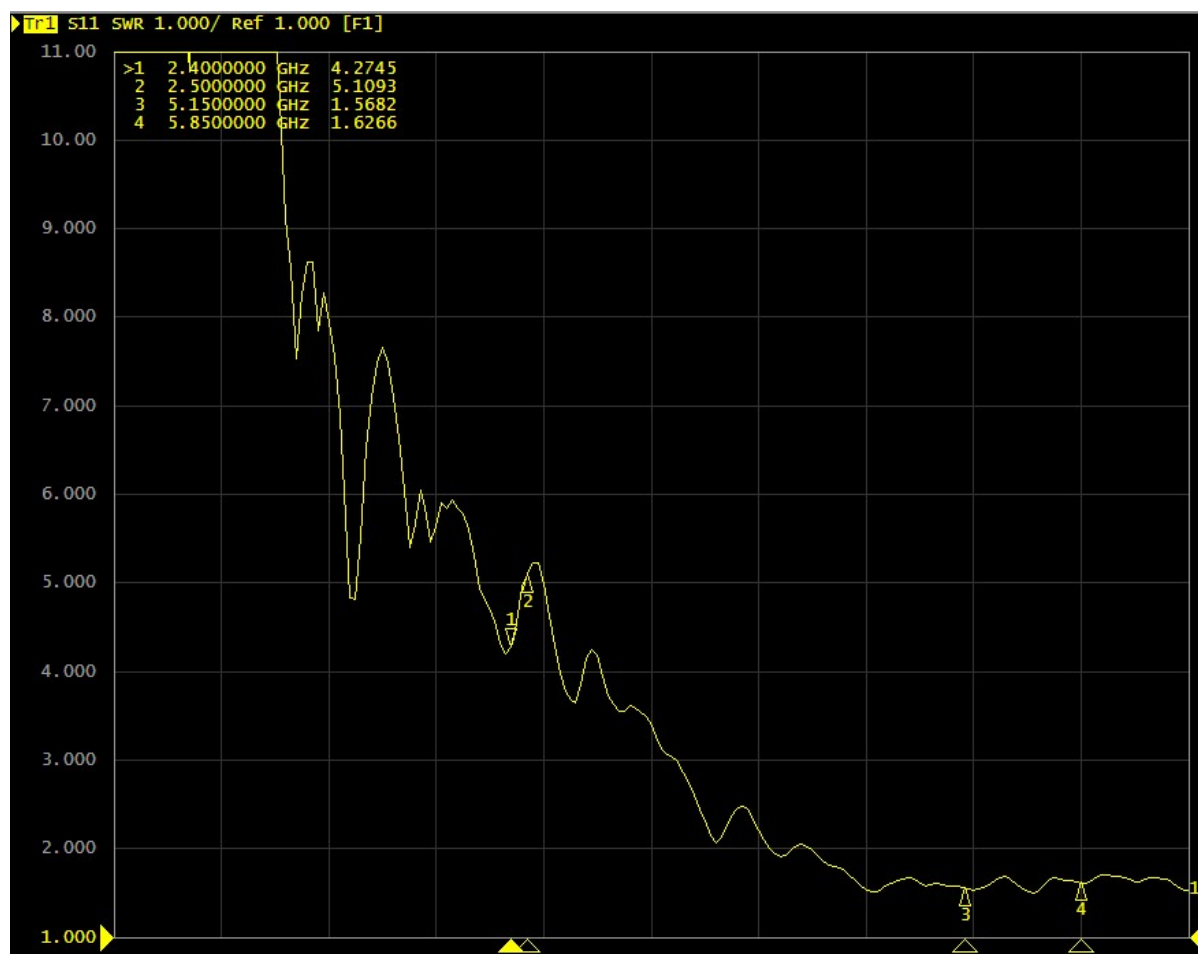




5G1-SWR



5G2-SWR



5G3-SWR

Specification

CUSTOMER: Rui jie Network Co., Ltd

CUSTOMER P/N:

DESCRIPTION:

JL P/N: C168-JL-6299

PART NO: NDS-2. 4G Antenna

Revision: V1.1

Internal signature:

APPROVED BY	APPROVED BY	WRITED BY
Frank	Wensen	Sean
2023. 04. 26	2023. 04. 26	2023. 04. 26

Customer signature:

TESTED BY	APPROVED BY	APPROVED BY

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3. Mechanical Dimension Drawing	5
4.Packing Specification	6

Version Description

Data	Approve	version	describe
2023-04-26		V1.1	Update the line length to 150mm
2023-02-08		V1.0	first edition

2. Environmental Performance Test

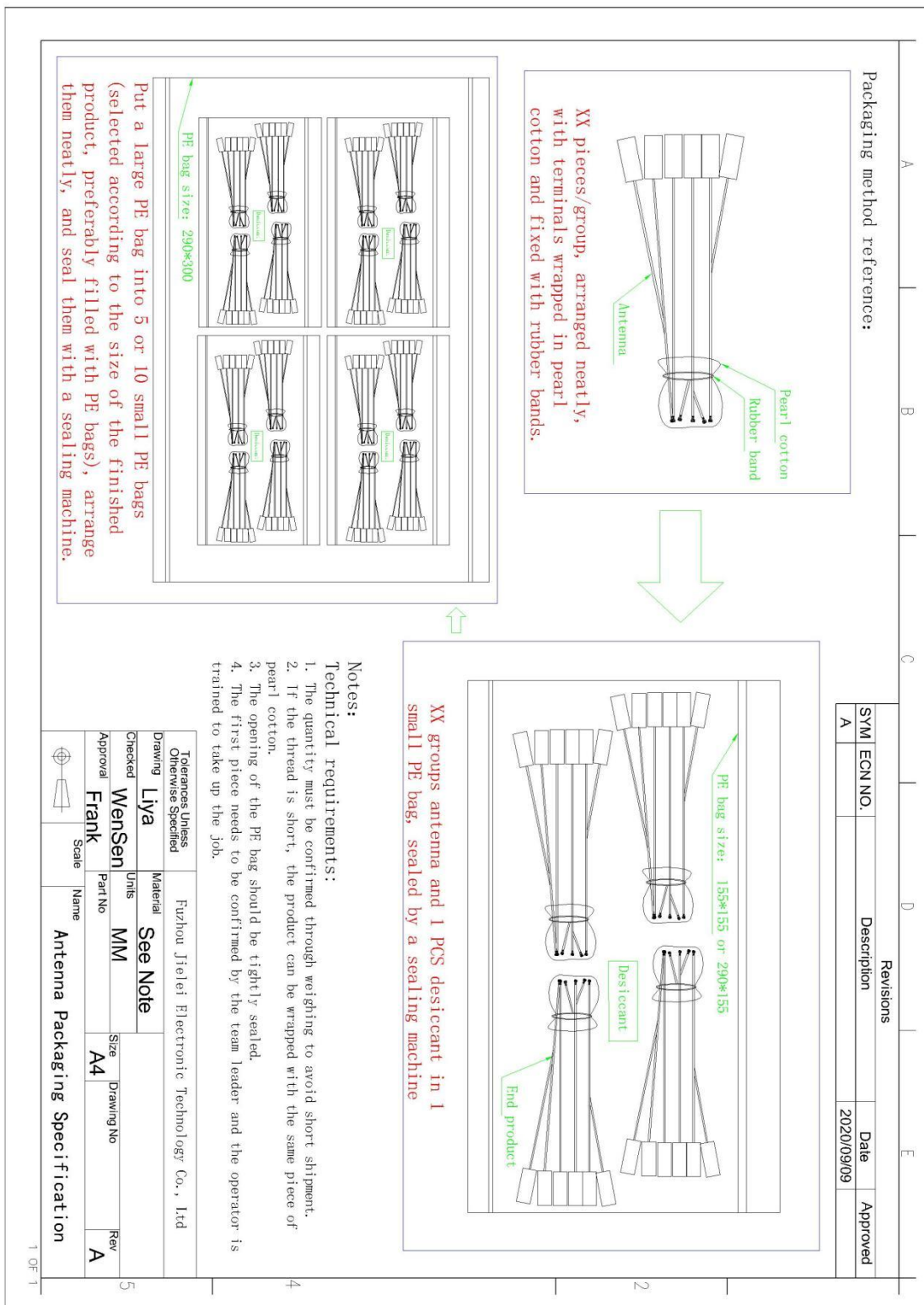
NO	Item	Test Condition	Requirement	conclusion
1	Appearance	Visual by eye Light:>1.0 Lamp:200~300Lx Space:0.3~0.6m	1、 Plastic part:smooth and flat surface without discolor,broken,crack distortion defects is acceptable 2、 Metal part:No obvious mechanical damage and other defects on the surface 3、 PCB (or FPCB) : The surface is free of dirt, damage, oxidation, no obvious mechanical damage and other defects, screen printing clear. 4、 Wire:clearing surface without discolor,broken defects.	☒ Pass ☐ Fail ☐ 不/NA
2	Terminal Retention Force	Apply axial pull out force at the speed rate of not more 25mm/min on the pin assembled in the housing.	12N MIN	☐ Pass ☐ Fail ☒ NA
3	Solder Retention Force	Apply axial pull out force at the speed rate of not more 25mm/min on the pin assembled in the housing.	15N MIN	☒ Pass ☐ Fail ☐ NA
4	Salt spray test	Refer to GB-T2423.17, NACL solution with 5% concentration, PH 6.5-7.2, temperature 35 °C, test time 48 hours.	After drying at room temperature, check appearance, the sample surface no obvious corrosion and other abnormal phenomena or according to the drawing specifications.	☒ Pass ☐ Fail ☐ NA
5	High temperature test	Refer to GB-T2423.2, the temperature is 70 °C and the time is 48 hours.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ Fail ☐ NA
6	Low temperature test	Refer to GB-T2423.1, the temperature is -40 °C for 48 hours.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ 不 Fail ☐ NA

7	High temperature and high humidity test	Refer to GB-T2423.3 specification, temperature 70 °C, humidity 95% , time 48 H.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ Fail ☐ NA
8	Temperature shock test	Refer to GB-T2423.3 specification, temperature-30 °C, 1 hour, temperature 75°C, 1 hour, total 20 cycles.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ Fail ☐ NA
9	Drop test	One corner, three edges, six sides, free fall at an altitude of 1M.	Electrical and mechanical properties are normal.	☒ 合 Pass ☐ Fail ☐ NA
10	Simulate transportation vibration	Testing according to ISTA standards	Electrical and mechanical properties are normal.	☒ Pass ☐ Fail ☐ NA

3. Mechanical Dimension Drawing



4.Packing Specification



Packing Reference drawing

Specification

CUSTOMER: Rui jie Network Co., Ltd

CUSTOMER P/N:

DESCRIPTION:

JL P/N: C168-JL-6300

PART NO: NDS-2. 4G Antenna

Revision: V1.1

Internal signature:

Approver	Checker	Writer
Frank	Wensen	Sean
2023. 04. 26	2023. 04. 26	2023. 04. 26

Customer signature:

TESTED BY	APPROVED BY	APPROVED BY

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Version Description

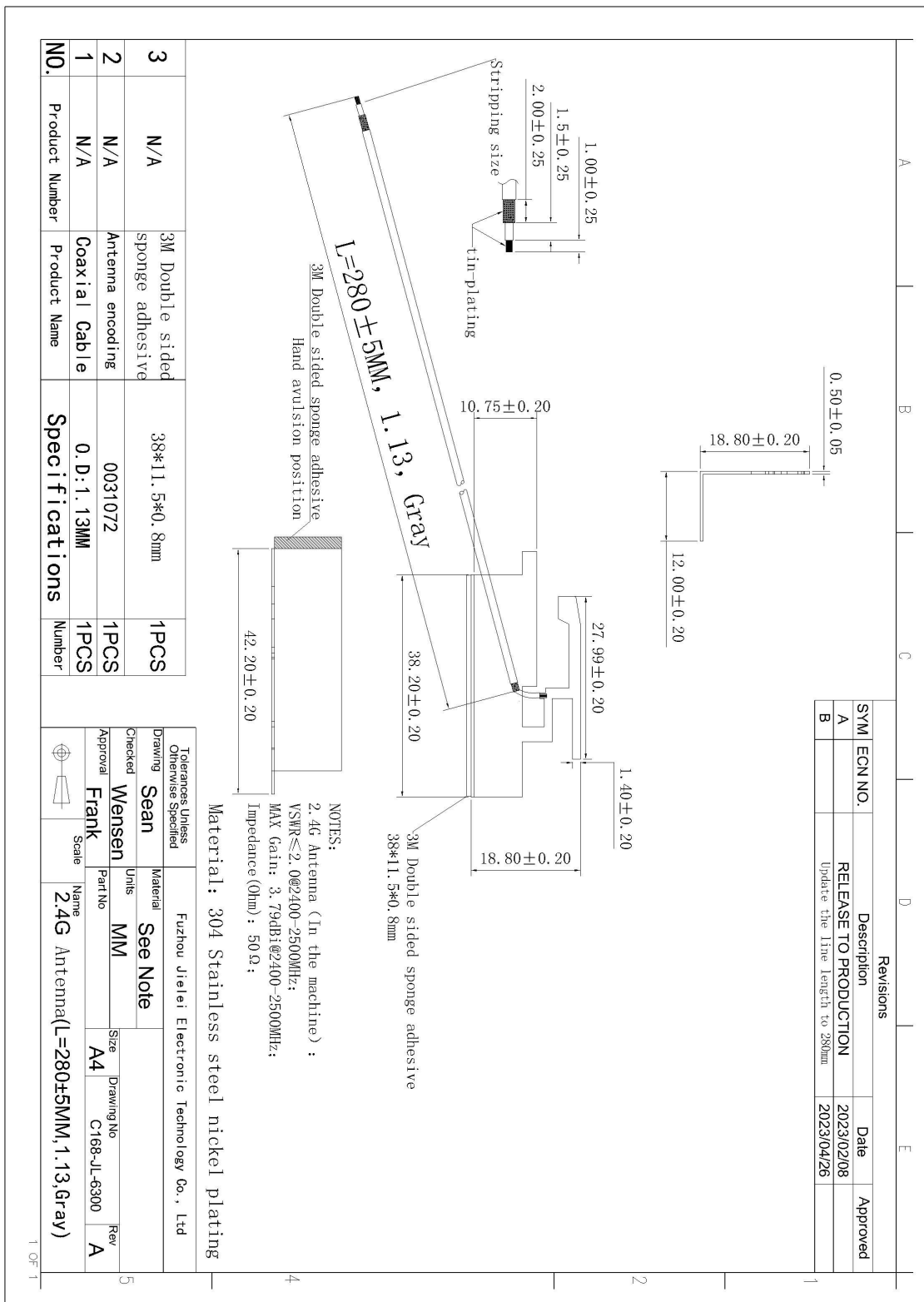
Data	Approve	version	describe
2023-04-26		V1.1	Update the line length to 280mm
2023-02-08		V1.0	first edition

2. Environmental Performance Test

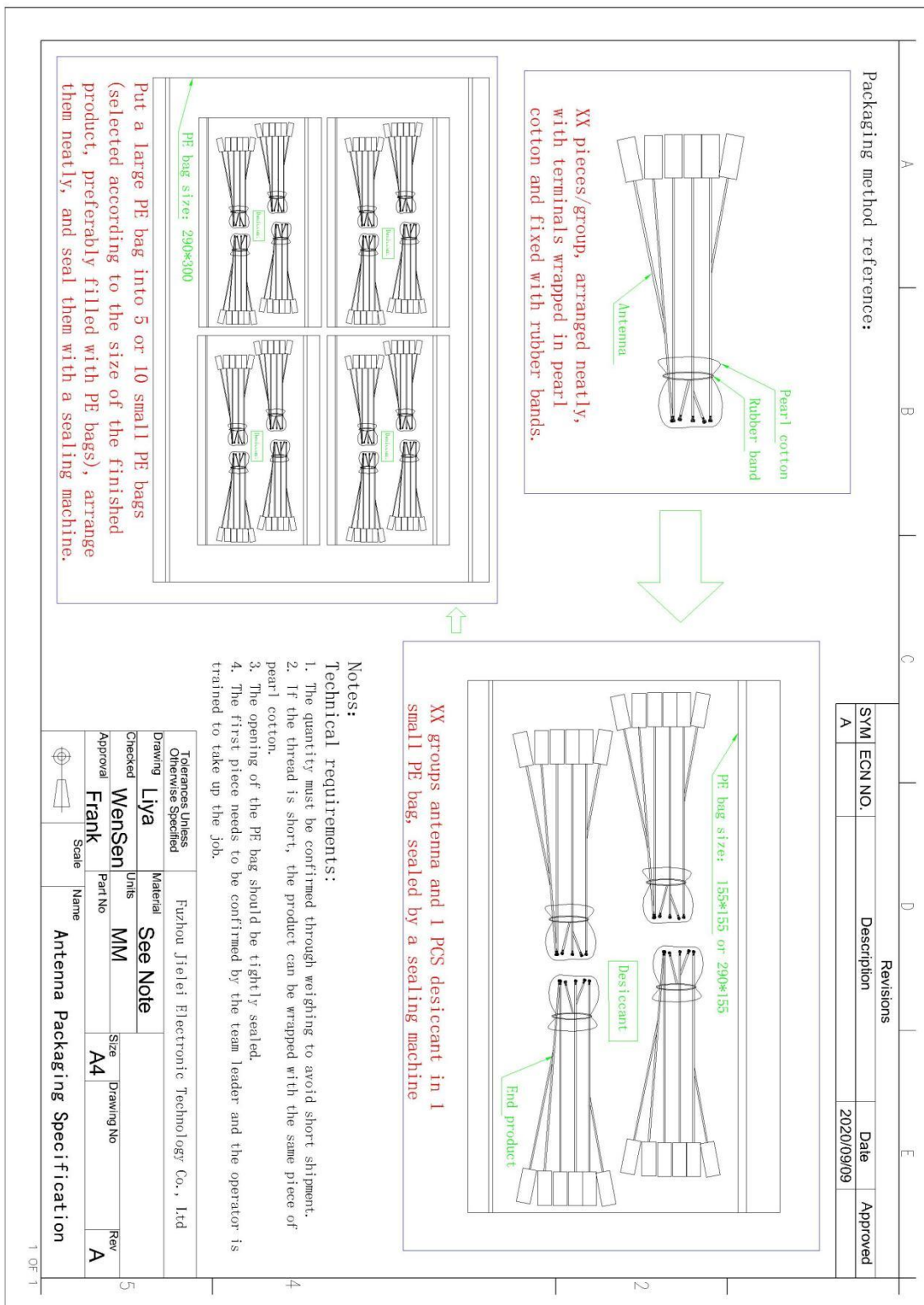
NO	Item	Test Condition	Requirement	conclusion
1	Appearance	Visual by eye Light:>1.0 Lamp:200~300Lx Space:0.3~0.6m	1、 Plastic part:smooth and flat surface without discolor,broken,crack distortion defects is acceptable 2、 Metal part:No obvious mechanical damage and other defects on the surface 3、 PCB (or FPCB) : The surface is free of dirt, damage, oxidation, no obvious mechanical damage and other defects, screen printing clear. 4、 Wire:clearing surface without discolor,broken defects.	☒ Pass ☐ Fail ☐ 不/NA
2	Terminal Retention Force	Apply axial pull out force at the speed rate of not more 25mm/min on the pin assembled in the housing.	12N MIN	☐ Pass ☐ Fail ☒ NA
3	Solder Retention Force	Apply axial pull out force at the speed rate of not more 25mm/min on the pin assembled in the housing.	15N MIN	☒ Pass ☐ Fail ☐ NA
4	Salt spray test	Refer to GB-T2423.17, NACL solution with 5% concentration, PH 6.5-7.2, temperature 35 °C, test time 48 hours.	After drying at room temperature, check appearance, the sample surface no obvious corrosion and other abnormal phenomena or according to the drawing specifications.	☒ Pass ☐ Fail ☐ NA
5	High temperature test	Refer to GB-T2423.2, the temperature is 70 °C and the time is 48 hours.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ Fail ☐ NA
6	Low temperature test	Refer to GB-T2423.1, the temperature is -40 °C for 48 hours.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ 不 Fail ☐ NA

7	High temperature and high humidity test	Refer to GB-T2423.3 specification, temperature 70 °C, humidity 95% , time 48 H.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ Fail ☐ NA
8	Temperature shock test	Refer to GB-T2423.3 specification, temperature-30 °C, 1 hour, temperature 75°C, 1 hour, total 20 cycles.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ Fail ☐ NA
9	Drop test	One corner, three edges, six sides, free fall at an altitude of 1M.	Electrical and mechanical properties are normal.	☒ 合 Pass ☐ Fail ☐ NA
10	Simulate transportation vibration	Testing according to ISTA standards	Electrical and mechanical properties are normal.	☒ Pass ☐ Fail ☐ NA

3. Mechanical Dimension Drawing



4.Packing Specification



Packing Reference drawing

Specification

CUSTOMER: Rui jie Network Co., Ltd

CUSTOMER P/N:

DESCRIPTION:

JL P/N: C168-JL-6357

PART NO: NDS-5.8G Antenna

Revision: V1.1

Internal signature:

APPROVED BY	APPROVED BY	WRITED BY
Frank	Wensen	Sean
2023. 06. 30	2023. 06. 30	2023. 06. 30

Customer signature:

TESTED BY	APPROVED BY	APPROVED BY

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Version Description

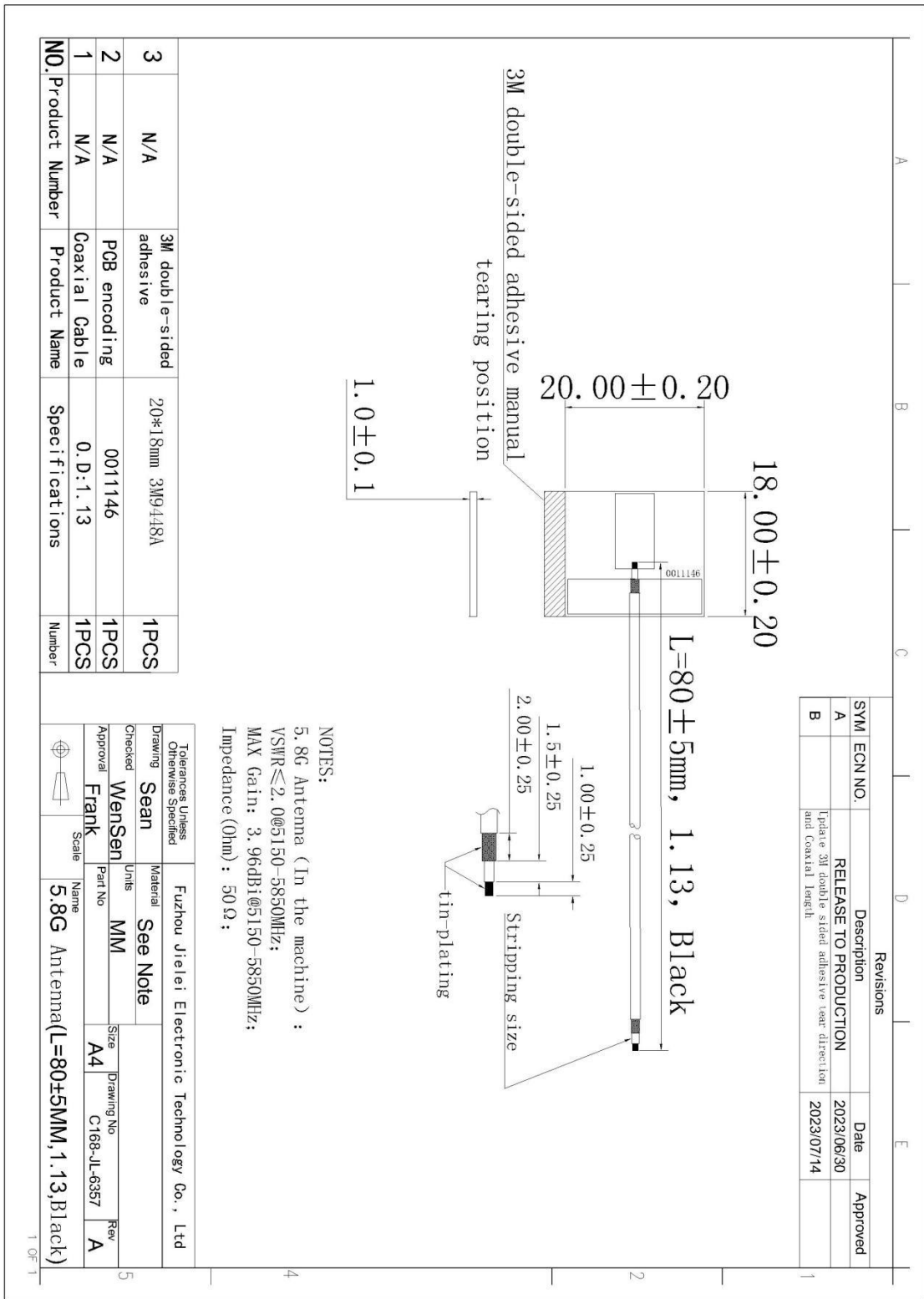
Data	Approve	version	describe
2023-07-14		V1.1	Update 3M double-sided adhesive tear direction and Coaxial length
2023-06-30		V1.0	first edition

2. Environmental Performance Test

NO	项目 Item	测试条件 Test Condition	规格要求 Requirement	结论
1	Appearance	Visual by eye Light: >1.0 Lamp: 200~300Lx Space: 0.3~0.6m	1、 Plastic part: smooth and flat surface without discolor, broken, crack distortion defects is acceptable 2、 Metal part: No obvious mechanical damage and other defects on the surface 3、 PCB (or FPCB) : The surface is free of dirt, damage, oxidation, no obvious mechanical damage and other defects, screen printing clear. 4、 Wire: clearing surface without discolor, broken defects.	☒ Pass ☐ Fail ☐ NA
2	Terminal Retention Force	Apply axial pull out force at the speed rate of not more 25mm/min on the pin assembled in the housing.	12N MIN	☐ Pass ☐ Fail ☒ NA
3	Solder Retention Force	Apply axial pull out force at the speed rate of not more 25mm/min on the pin assembled in the housing.	15N MIN	☒ Pass ☐ Fail ☐ NA
4	Salt spray test	Refer to GB-T2423.17, NaCl solution with 5% concentration, PH 6.5-7.2, temperature 35 °C, test time 24 hours.	After drying at room temperature, check appearance, the sample surface no obvious corrosion and other abnormal phenomena or according to the drawing specifications.	☒ Pass ☐ Fail ☐ NA
5	High temperature test	Refer to GB-T2423.2, the temperature is 70 °C and the time is 28 hours.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ Fail ☐ NA
6	Low temperature test	Refer to GB-T2423.1, the temperature is -40 °C for 28 hours.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ Fail ☐ NA

7	High temperature and high humidity test	Refer to GB-T2423.3 specification, temperature 70℃, humidity 95% , time 48H.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ Fail ☐ NA
8	Temperature shock test	Refer to GB-T2423.3 specification, temperature-30 ℃, 1 hour, temperature 75℃, 1 hour, total 22 cycles.	After drying at room temperature, check appearance, samples without deformation, stripping, cracks, wrinkles, different color, fish scale lines.	☒ Pass ☐ Fail ☐ NA
9	Drop test	One corner, three edges, six sides, free fall at an altitude of 1M.	Electrical and mechanical properties are normal.	☒ Pass ☐ Fail ☐ NA
10	Simulate transportation vibration	Testing according to ISTA standards	Electrical and mechanical properties are normal.	☒ Pass ☐ Fail ☐ NA

3. Mechanical Dimension Drawing



4.Sample Test Report

5.8G Radiation Pattern

5.5G (Fre: 5500MHz)

