

DATE : August .16.2005

CUSTOMER : First international Computer, Inc.

TEST REPORT

MODEL	KR2W
DESCRIPTION	PIFA For Wireless LAN Antenna 2.4~2.5GHZ / 5.15~5.875GHZ 730mm(Left, Gray) 、 500 mm(Right, Black) & 1.13
SUPPLIER P/N	
CUSTOMER P/N	
FILE P/N	

FAVORTRON			CUSTOMER	
Manager	Supervisor	Engineer		
Nelson	Nelson	Nick		



惠賢電子股份有限公司
FAVORTRON CO., LTD

台北縣新店市民權路 108-1 號 4F
4F, No. 108-1, Minchziuan Rd., SHzindian City,
Taipei HZsien 231, Taiwan. R.O.C

TEL: (02) 2218-2189
FAX: (02) 2218-5420
[URL:www.fvc.com.tw](http://www.fvc.com.tw)

1. Antenna Spec. For WLAN

1. 802.11b Spec.

- a. Frequency range : 2.4 ~ 2.5GHz (Nominal)
- b. Impedance : 50Ω
- c. LCD Panel : Open (100°) / Close (0°).
- d. System Plane : XY plane
- e. VSWR : ≤ 2 (Main & Aux. Antenna)
- f. Return Loss : ≤ -10dB (Main & Aux. Antenna)
- g. Band Width : ≥ 130MHz (2450MHz ± 65MHz at least).
- h. Diversity Sum : ≥ -2.5dBi
- i. Any 30° angle range can't has null depth.
- j. Average gain & Peak gain

Antenna	Peak Gain (dBi)			Average Gain (dBi)		
	Frequency			Frequency		
	2.4GHz	2.45GHz	2.5GHz	2.4GHz	2.45GHz	2.5GHz
Main	≤ 3	≤ 3	≤ 3	≥ -4	≥ -4	≥ -4
Auxiliary	≤ 3	≤ 3	≤ 3	≥ -4.5	≥ -4.5	≥ -4.5

2. 802.11a Spec.

- a. Frequency range : 5.15 ~ 5.35GHz (Nominal)
- b. Impedance : 50Ω
- c. LCD Panel : Open (100°) / Close (0°).
- d. System Plane : XY plane
- e. VSWR : ≤ 2 (Main & Aux. Antenna)
- f. Return Loss : ≤ -10dB (Main & Aux. Antenna)
- g. Band Width : ≥ 250MHz (5250MHz ± 25MHz at least).
- h. Diversity Sum : ≥ -3.5dBi
- i. Any 30° angle range can't has null depth.
- j. Average gain & Peak gain

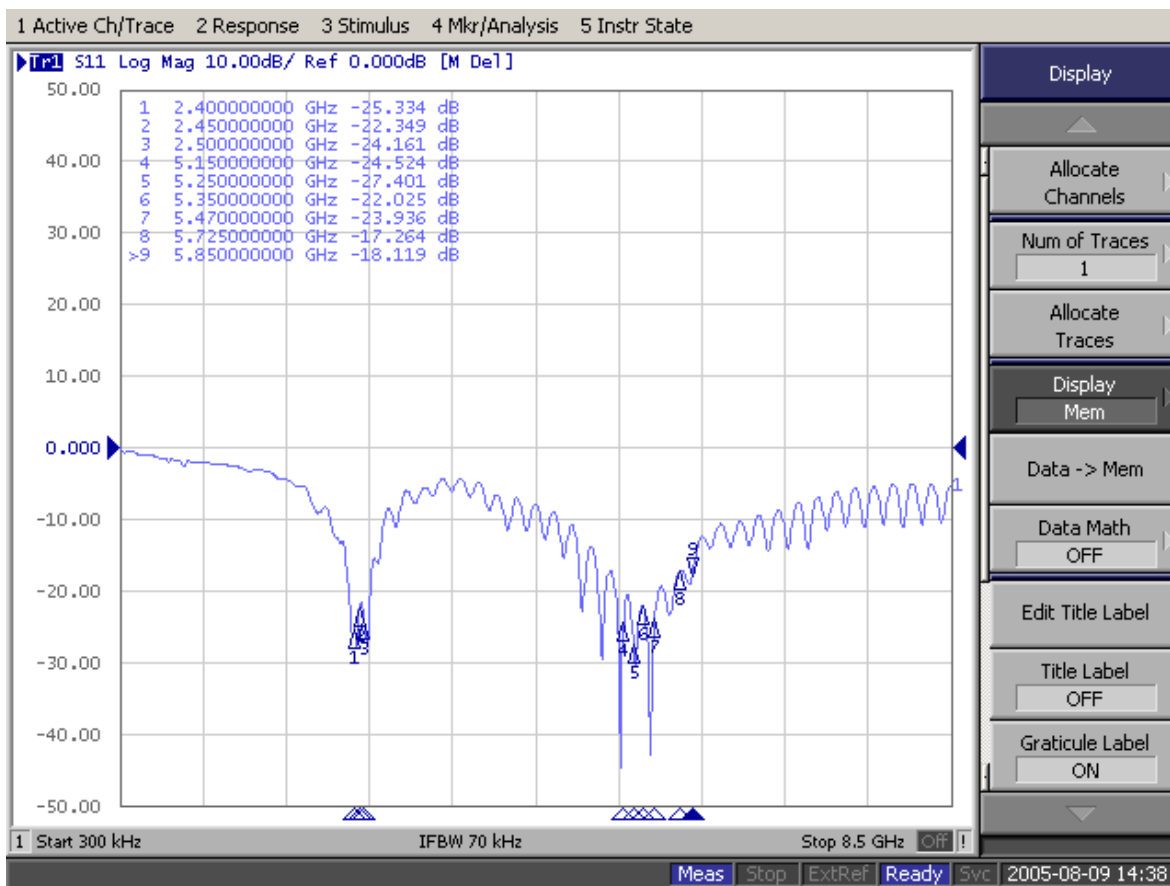
Antenna	Peak Gain (dBi)			Average Gain (dBi)		
	Frequency			Frequency		
	5.15GHz	5.25GHz	5.35GHz	5.15GHz	5.25GHz	5.35GHz
Main	≤ 6	≤ 6	≤ 6	≥ -4.8	≥ -4.8	≥ -4.8
Auxiliary	≤ 6	≤ 6	≤ 6	≥ -4.8	≥ -4.8	≥ -4.8

2. DESCRIPTION

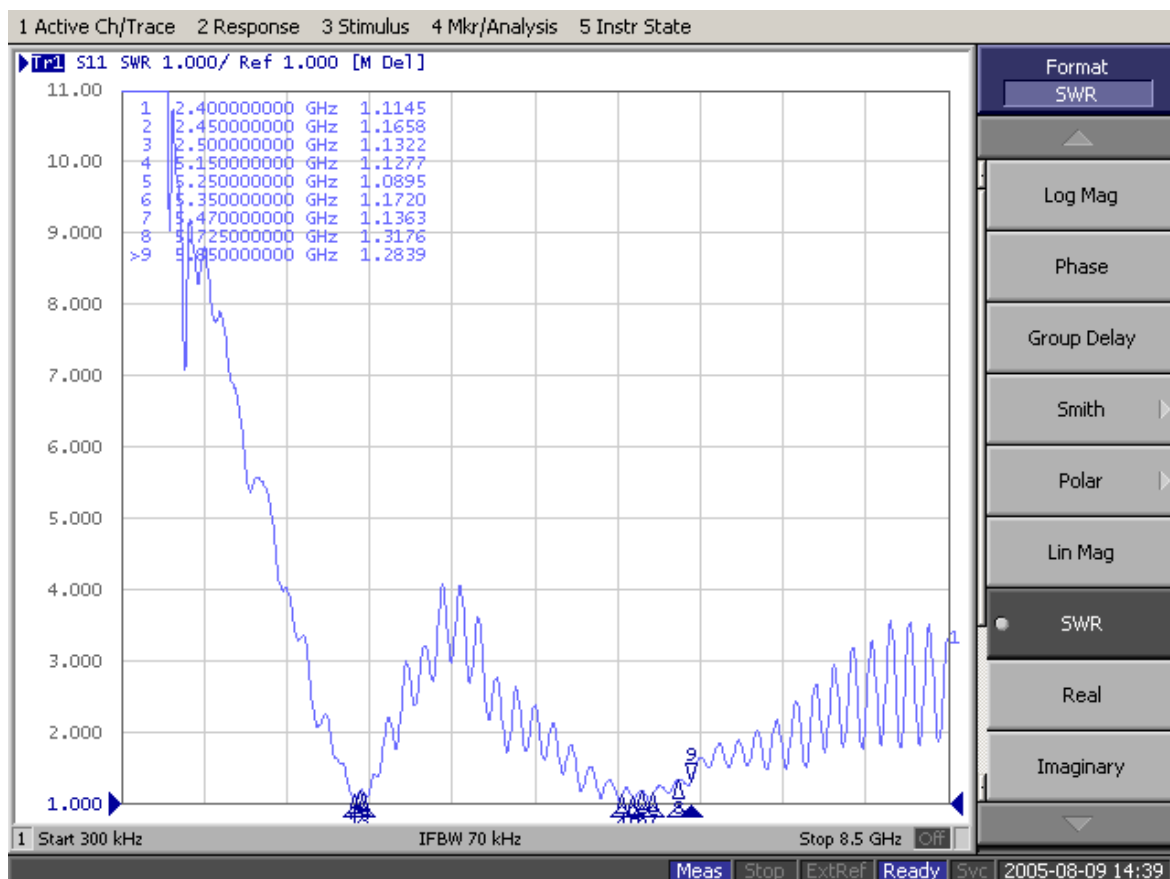
- a. FIC Project Name & FIC P/N : KR2W
- & Frequency
- b. Vendor' s antenna P/N
- c. Antenna P/N & type & material
- d. Coaxial cable length & diameter() : 730mm(Left, Gray) 、 500 mm(Right, Black) & 1.13
- & Cable P/N
- & Vendor
- e. Connector model no. & vendor

3. WLAN Main /Ant.(Right)

2.4~2.5GHZ & 5.15~5.875GHZ / Return Loss



2.4~2.5GHZ & 5.15~5.875GHZ / VSWR



4. Gain & Pattern – W/L / Main Ant. (Right).

a. 2.4GHz



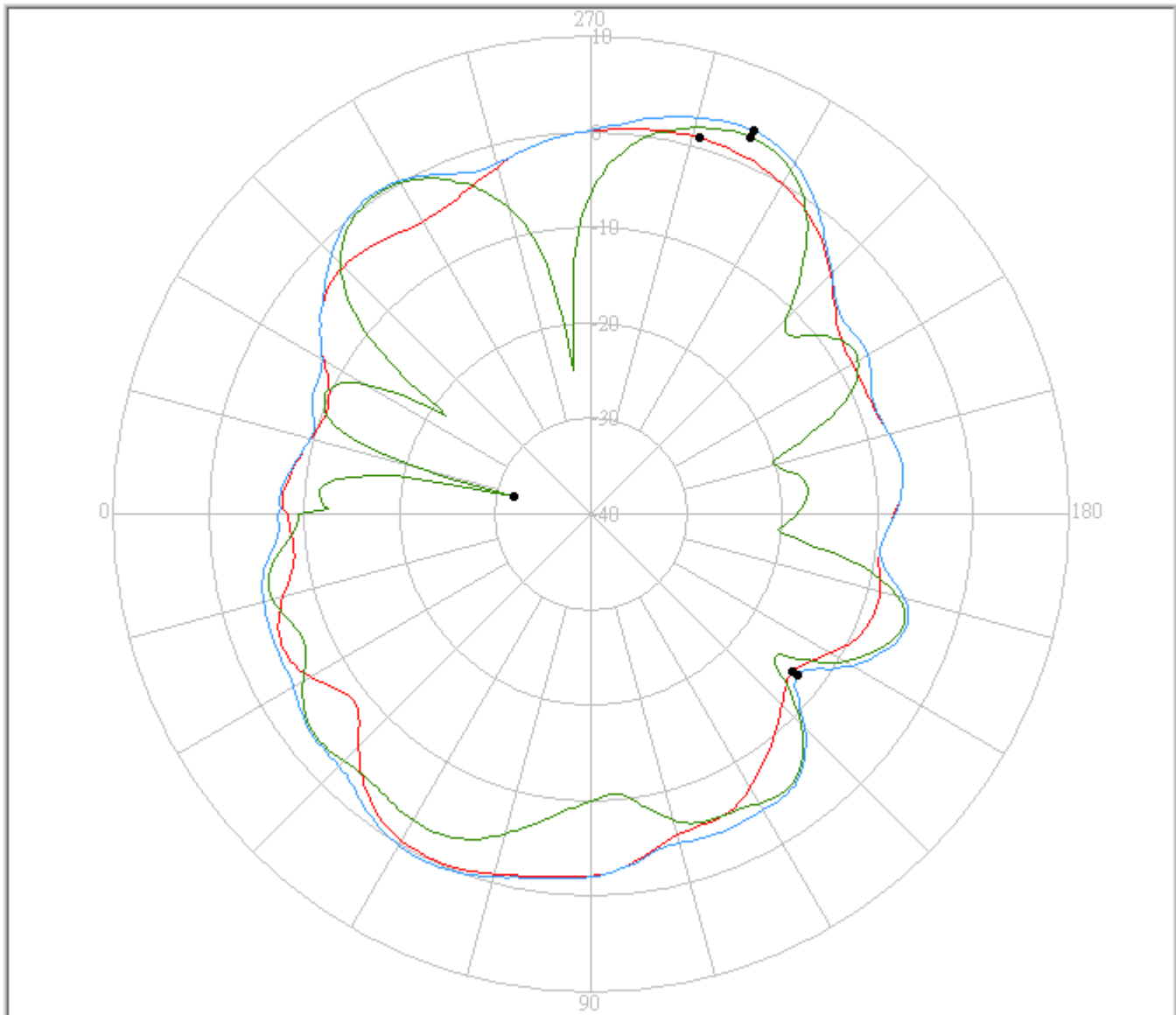
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Antenna Pattern Measurement

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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Right	2400.00	0.91 / 254.00	-13.21 / 142.00	-3.94	Ver.	2005/8/10
2	KR2W	Right	2400.00	2.80 / 247.00	-31.65 / 347.00	-4.64	Hor.	2005/8/10
3	KR2W	Right	2400.00	2.85 / 247.00	-12.60 / 142.00	-2.47	V+H	2005/8/10

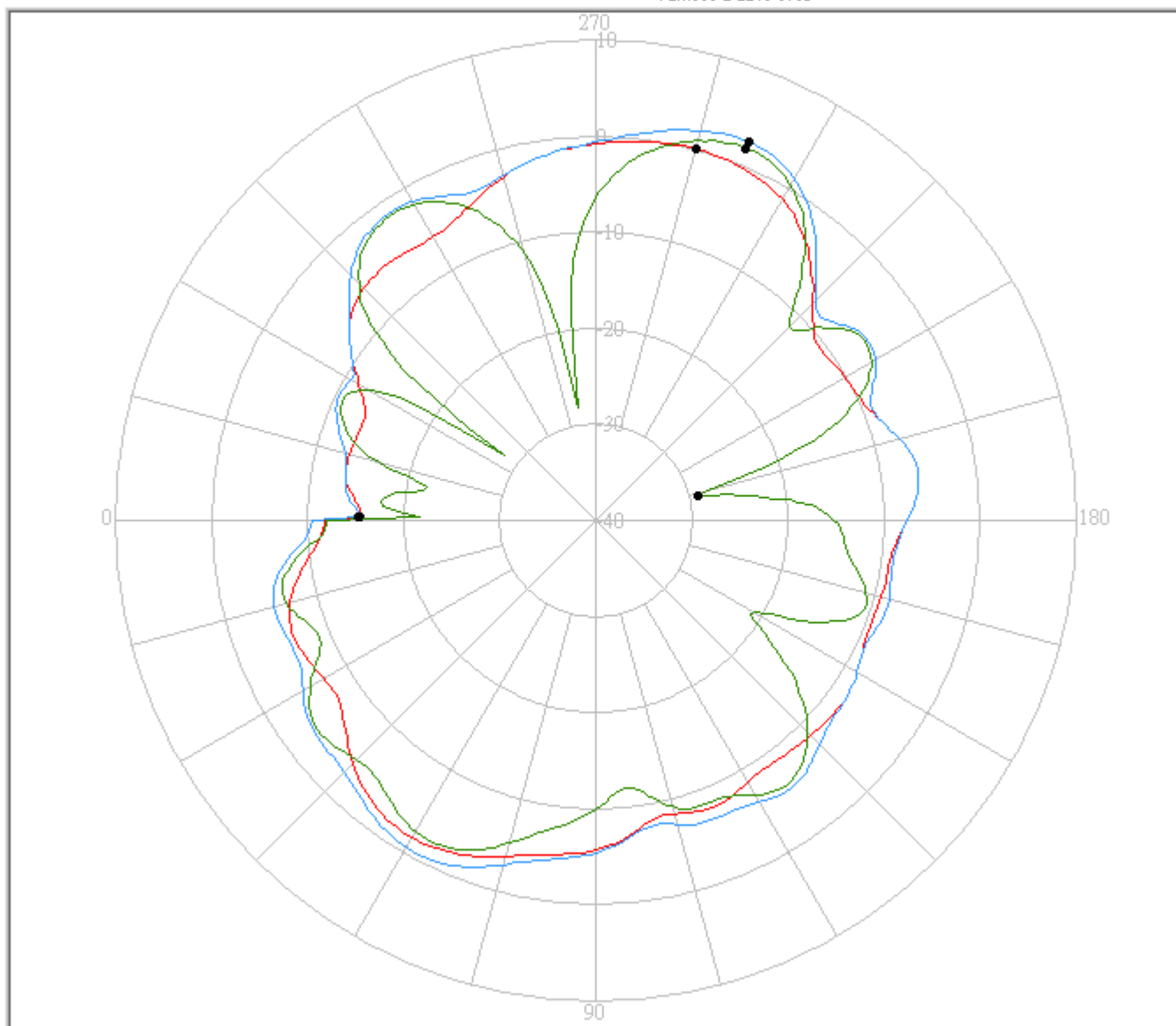
b. 2.45GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Right	2450.00	-0.01 / 255.00	-15.44 / 359.00	-5.27	Ver.	2005/8/10
2	KR2W	Right	2450.00	1.75 / 248.00	-29.04 / 194.00	-5.83	Hor.	2005/8/10
3	KR2W	Right	2450.00	2.48 / 248.00	-15.32 / 359.00	-3.80	V+H	2005/8/10

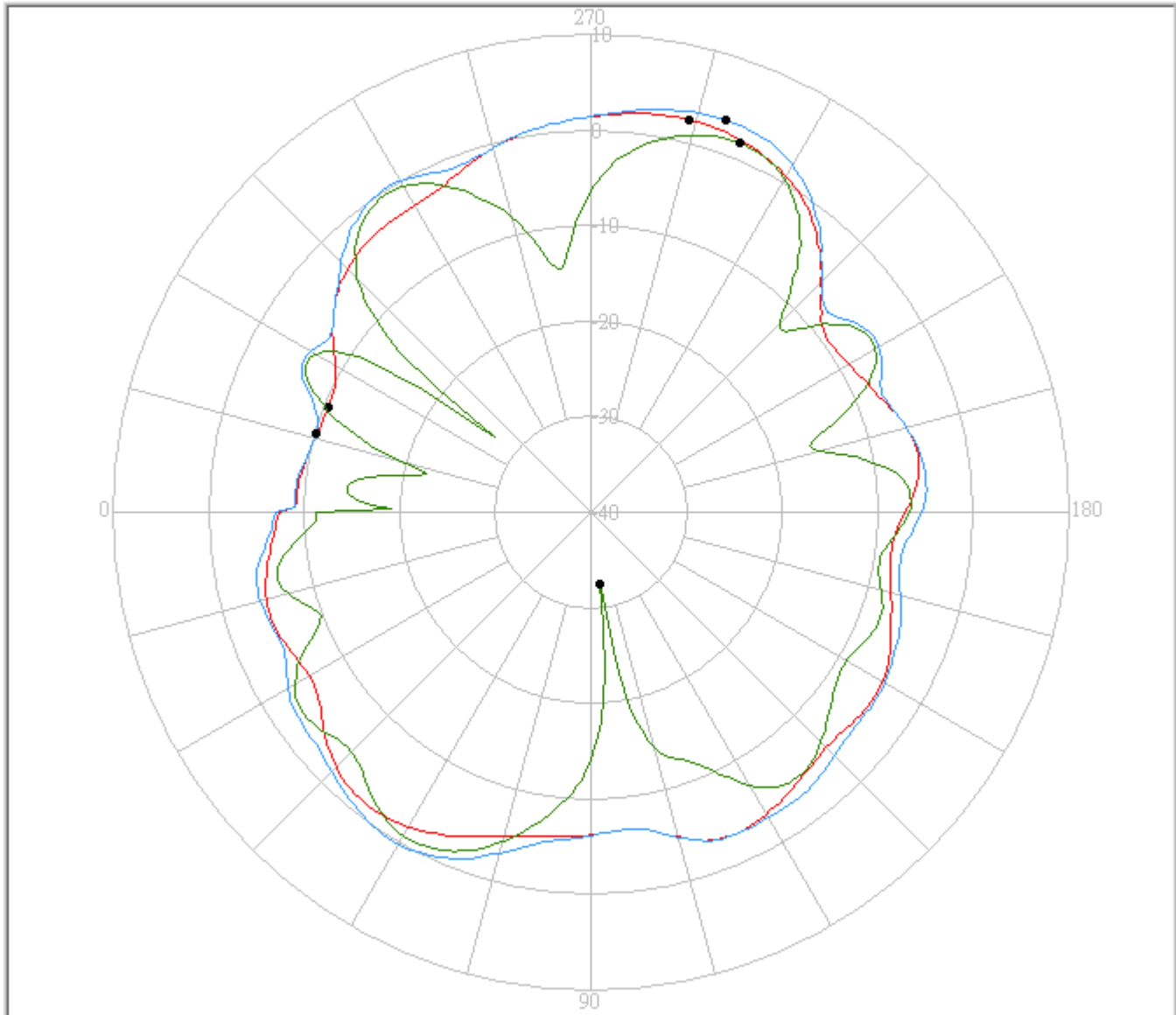
c. 2.5GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Right	2500.00	2.31 / 256.00	-10.44 / 338.00	-3.31	Ver.	2005/8/10
2	KR2W	Right	2500.00	1.66 / 248.00	-32.40 / 97.00	-5.08	Hor.	2005/8/10
3	KR2W	Right	2500.00	2.66 / 251.00	-10.16 / 344.00	-2.32	V+H	2005/8/10

d. 5.15GHz



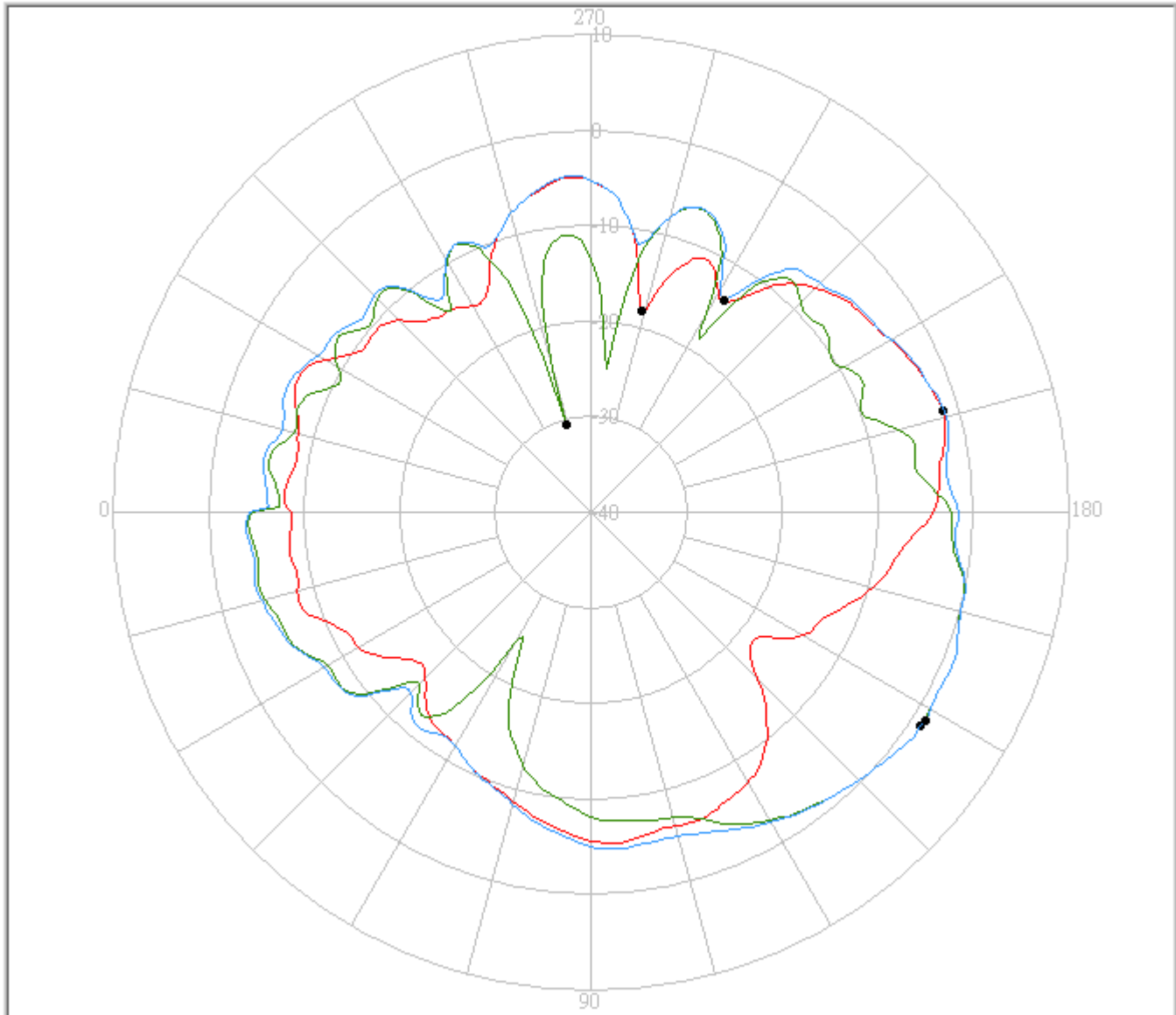
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


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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Right	5150.00	-1.74 / 196.00	-18.34 / 256.00	-7.76	Ver.	2005/8/10
2	 KR2W	Right	5150.00	1.16 / 147.00	-30.47 / 286.00	-5.45	Hor.	2005/8/10
3	 KR2W	Right	5150.00	1.16 / 148.00	-13.90 / 238.00	-4.27	V+H	2005/8/10

e. 5.25GHz



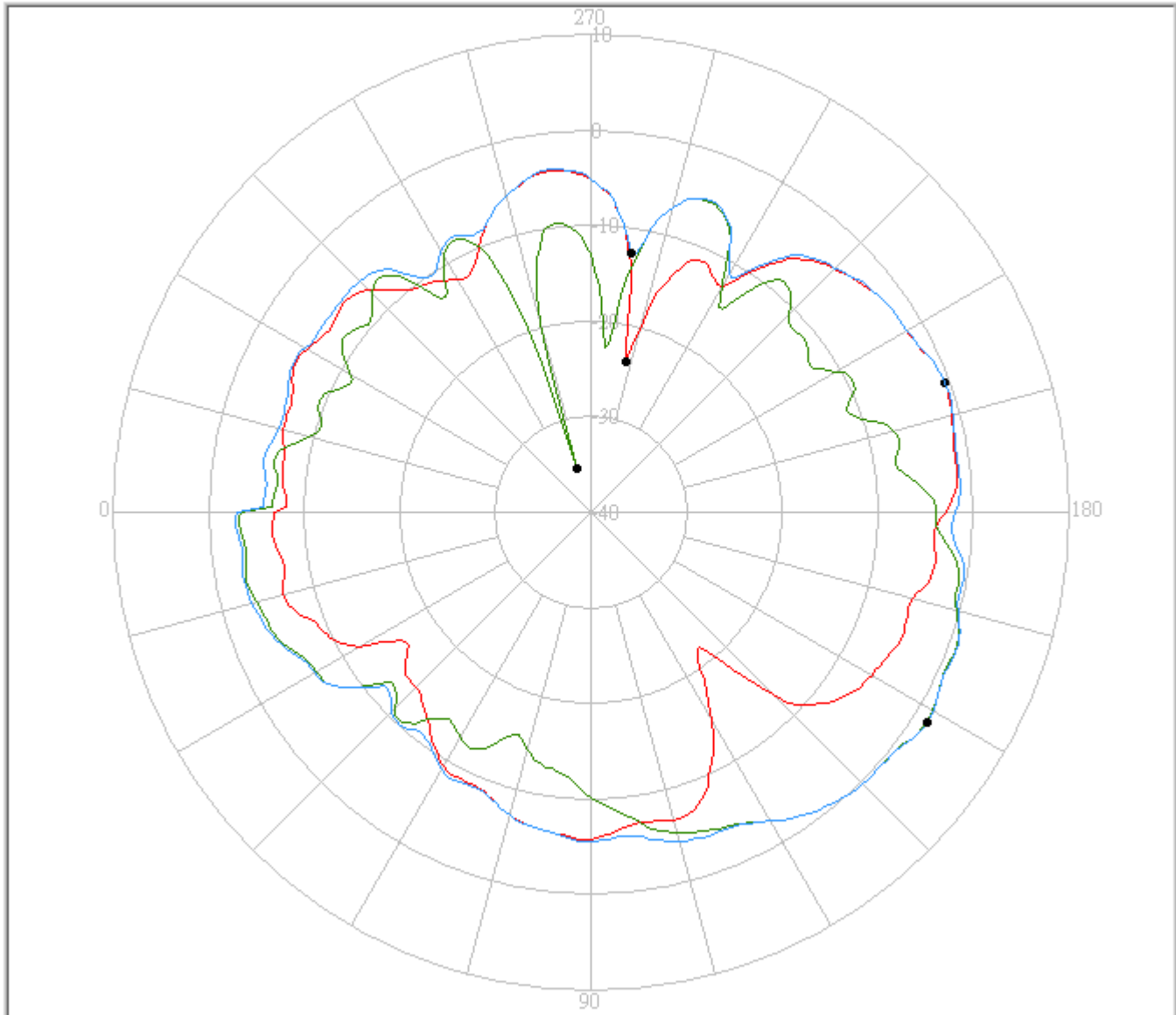
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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Right	5250.00	-0.56 / 200.00	-23.85 / 257.00	-6.24	Ver.	2005/8/10
2	 KR2W	Right	5250.00	1.40 / 148.00	-35.30 / 287.00	-5.39	Hor.	2005/8/10
3	 KR2W	Right	5250.00	1.46 / 148.00	-12.62 / 261.00	-3.65	V+H	2005/8/10

f. Hz. 5.35GHz



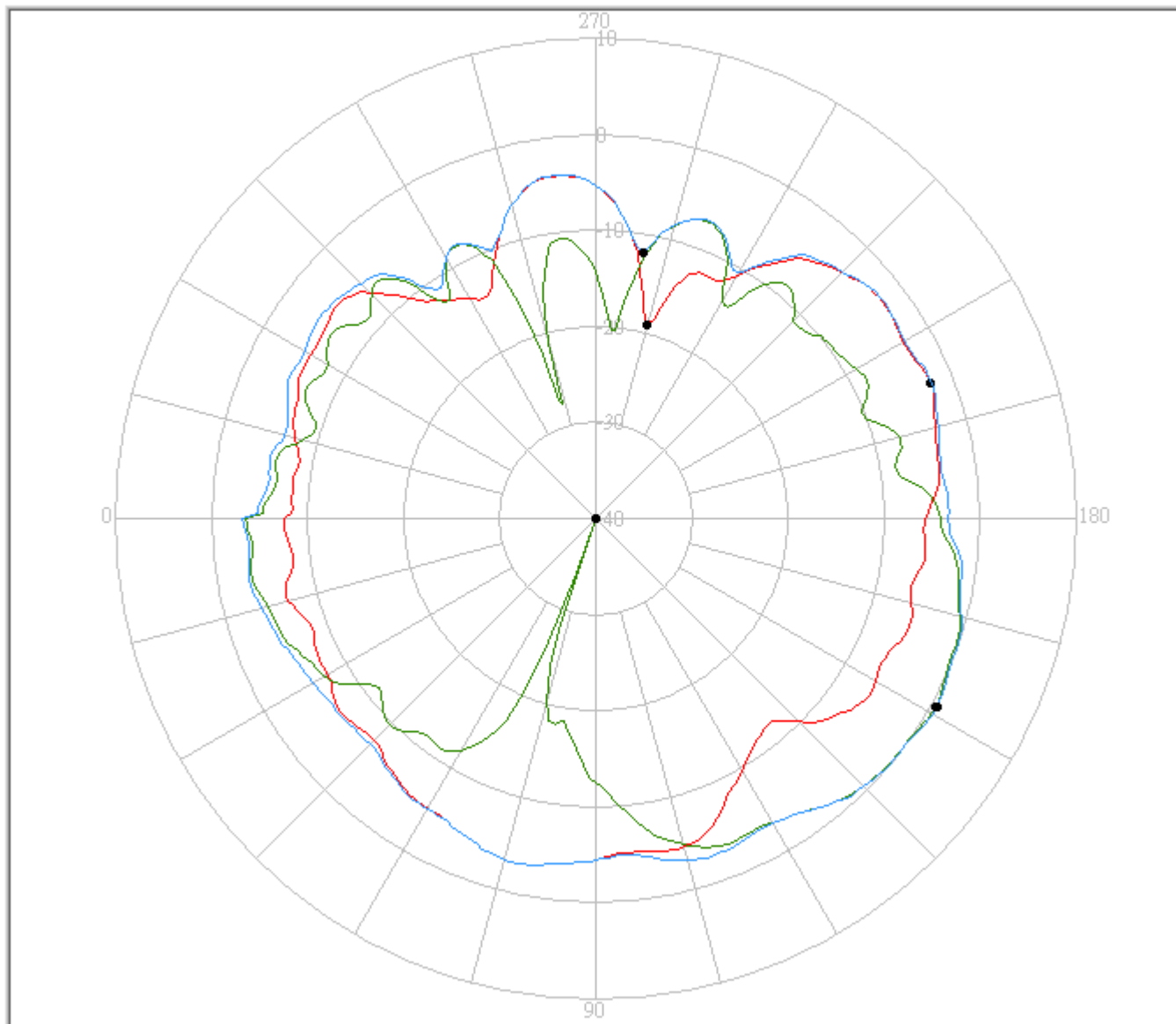
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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Right	5350.00	-2.38 / 202.00	-19.14 / 255.00	-6.08	Ver.	2005/8/10
2	KR2W	Right	5350.00	0.47 / 151.00	-45.27 / 71.00	-5.81	Hor.	2005/8/10
3	KR2W	Right	5350.00	0.55 / 151.00	-11.83 / 260.00	-3.87	V+H	2005/8/10

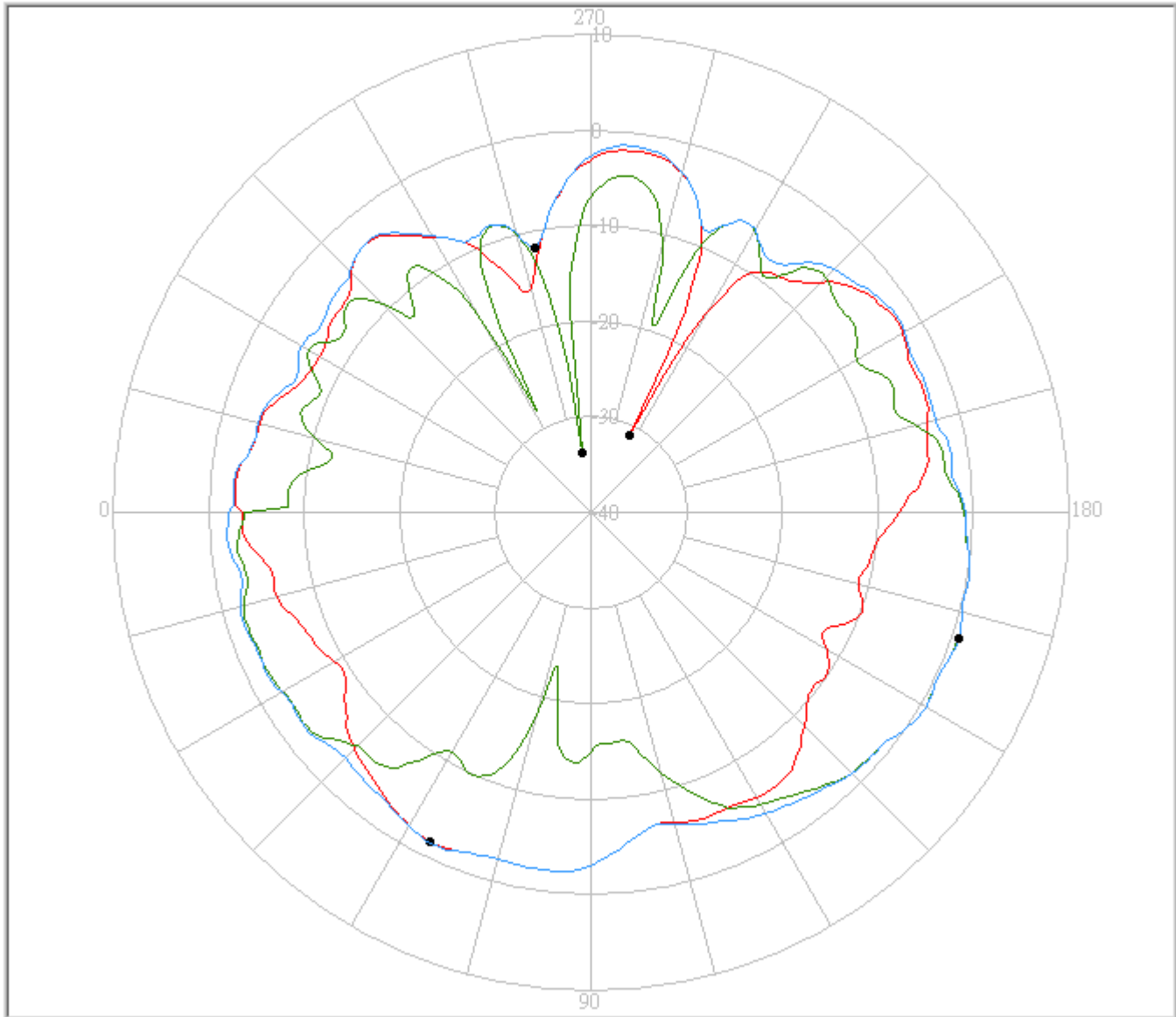
g. 5.47GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Right	5470.00	-1.59 / 64.00	-31.01 / 243.00	-5.20	Ver.	2005/8/10
2	KR2W	Right	5470.00	0.64 / 161.00	-33.74 / 278.00	-4.87	Hor.	2005/8/10
3	KR2W	Right	5470.00	0.65 / 161.00	-11.65 / 282.00	-2.89	V+H	2005/8/10

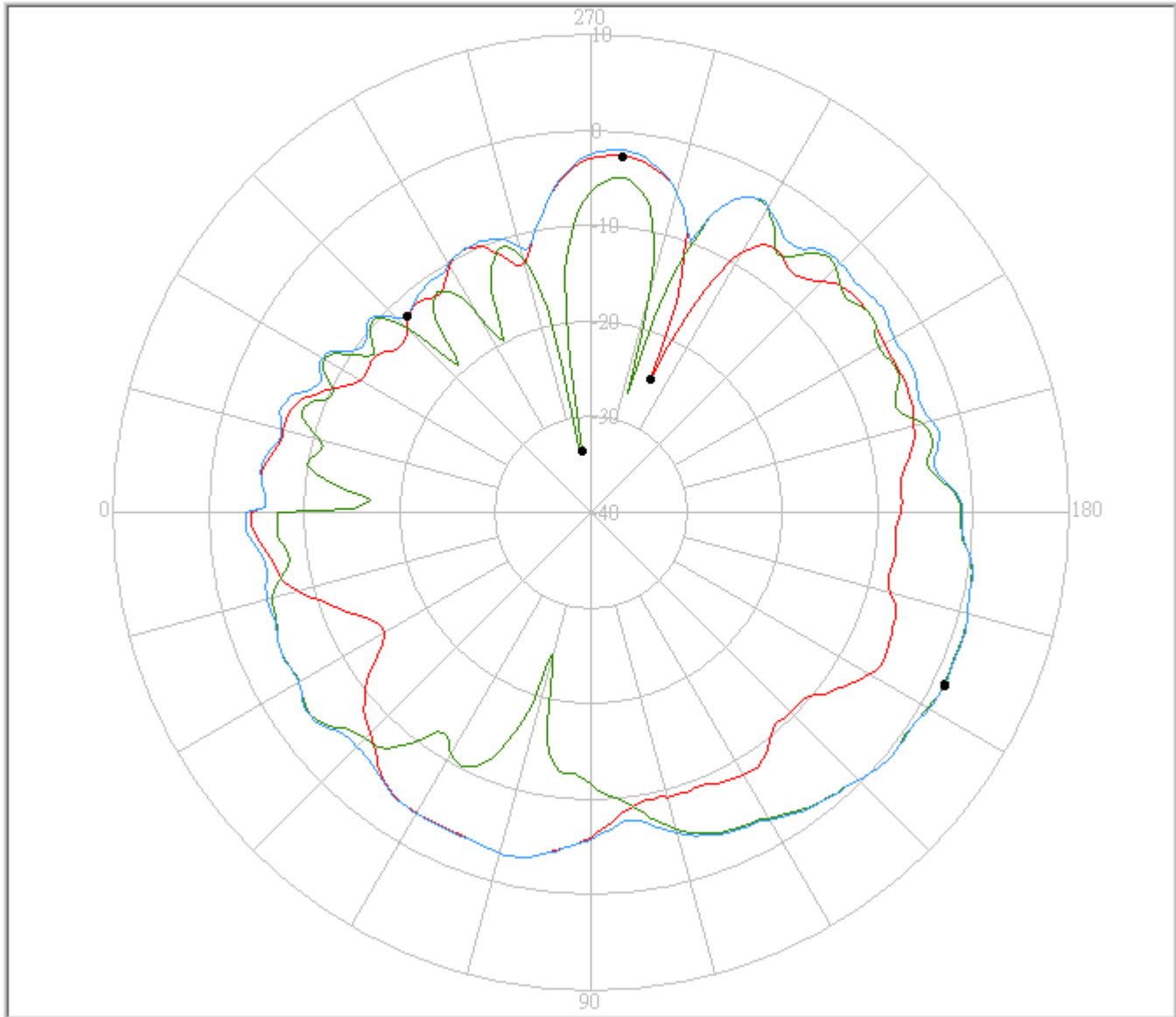
h. 5.597GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Right	5597.50	-2.63 / 265.00	-24.67 / 246.00	-6.74	Ver.	2005/8/10
2	KR2W	Right	5597.50	1.12 / 154.00	-33.57 / 279.00	-4.76	Hor.	2005/8/10
3	KR2W	Right	5597.50	1.21 / 154.00	-11.90 / 313.00	-3.51	V+H	2005/8/10

i. 5.725GHz



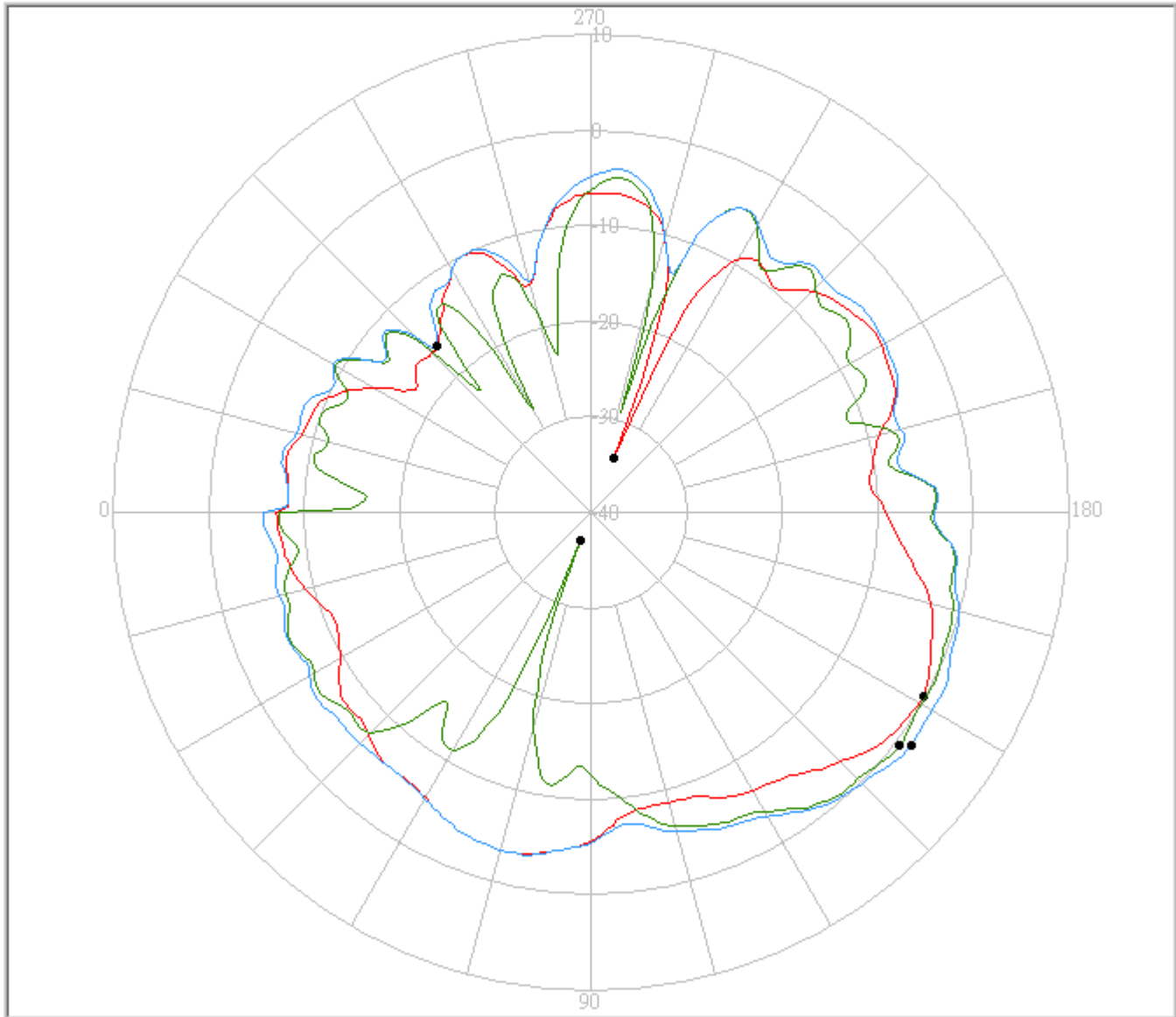
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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Right	5725.00	-0.24 / 151.00	-33.82 / 248.00	-6.53	Ver.	2005/8/10
2	 KR2W	Right	5725.00	0.46 / 143.00	-36.96 / 69.00	-6.02	Hor.	2005/8/10
3	 KR2W	Right	5725.00	1.39 / 144.00	-16.26 / 313.00	-4.47	V+H	2005/8/10

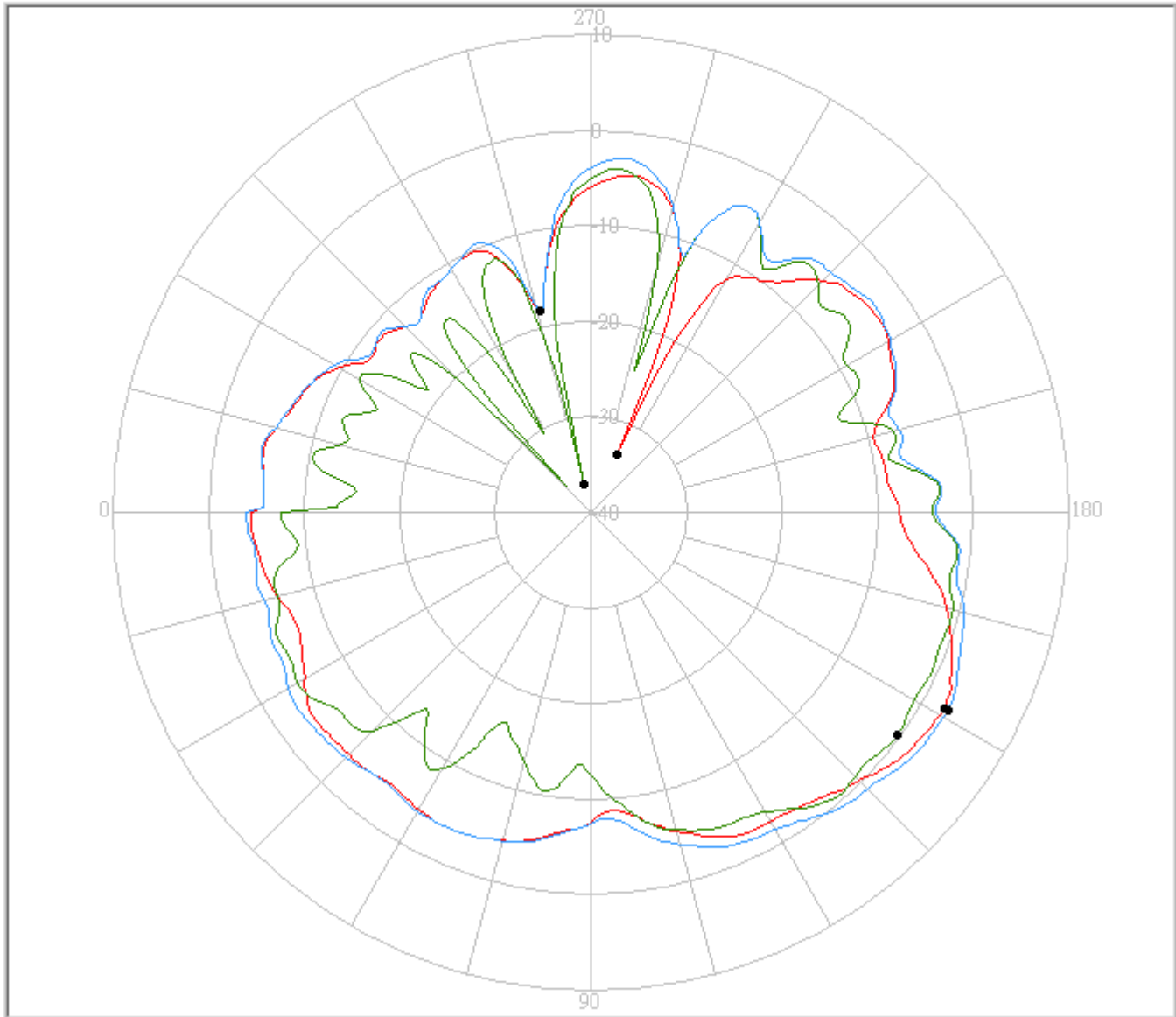
j. 5.785GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Right	5785.00	2.23 / 151.00	-33.37 / 246.00	-4.66	Ver.	2005/8/10
2	KR2W	Right	5785.00	-0.37 / 144.00	-37.08 / 283.00	-5.98	Hor.	2005/8/10
3	KR2W	Right	5785.00	2.68 / 151.00	-18.29 / 284.00	-3.52	V+H	2005/8/10

k. 5.85GHz



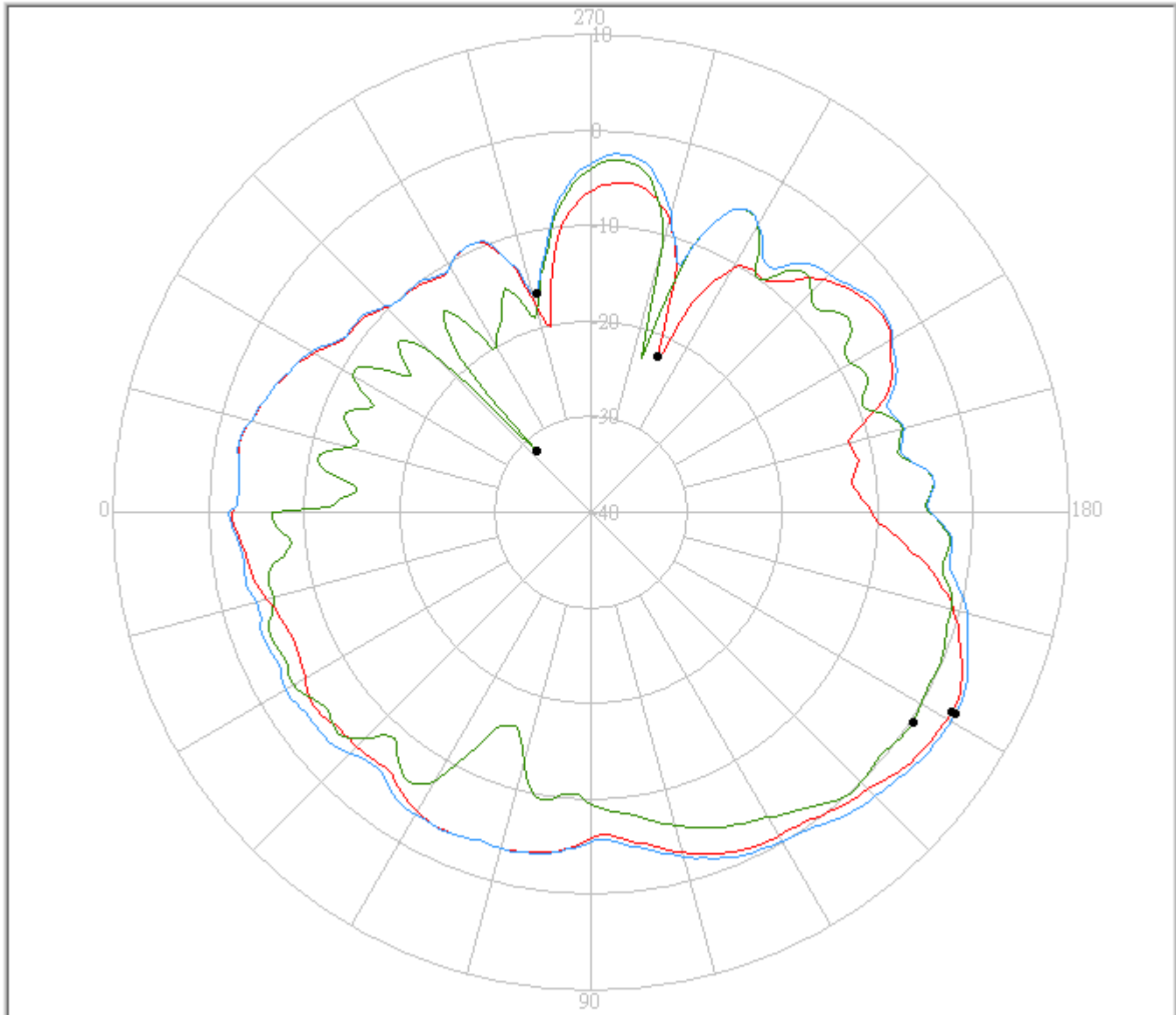
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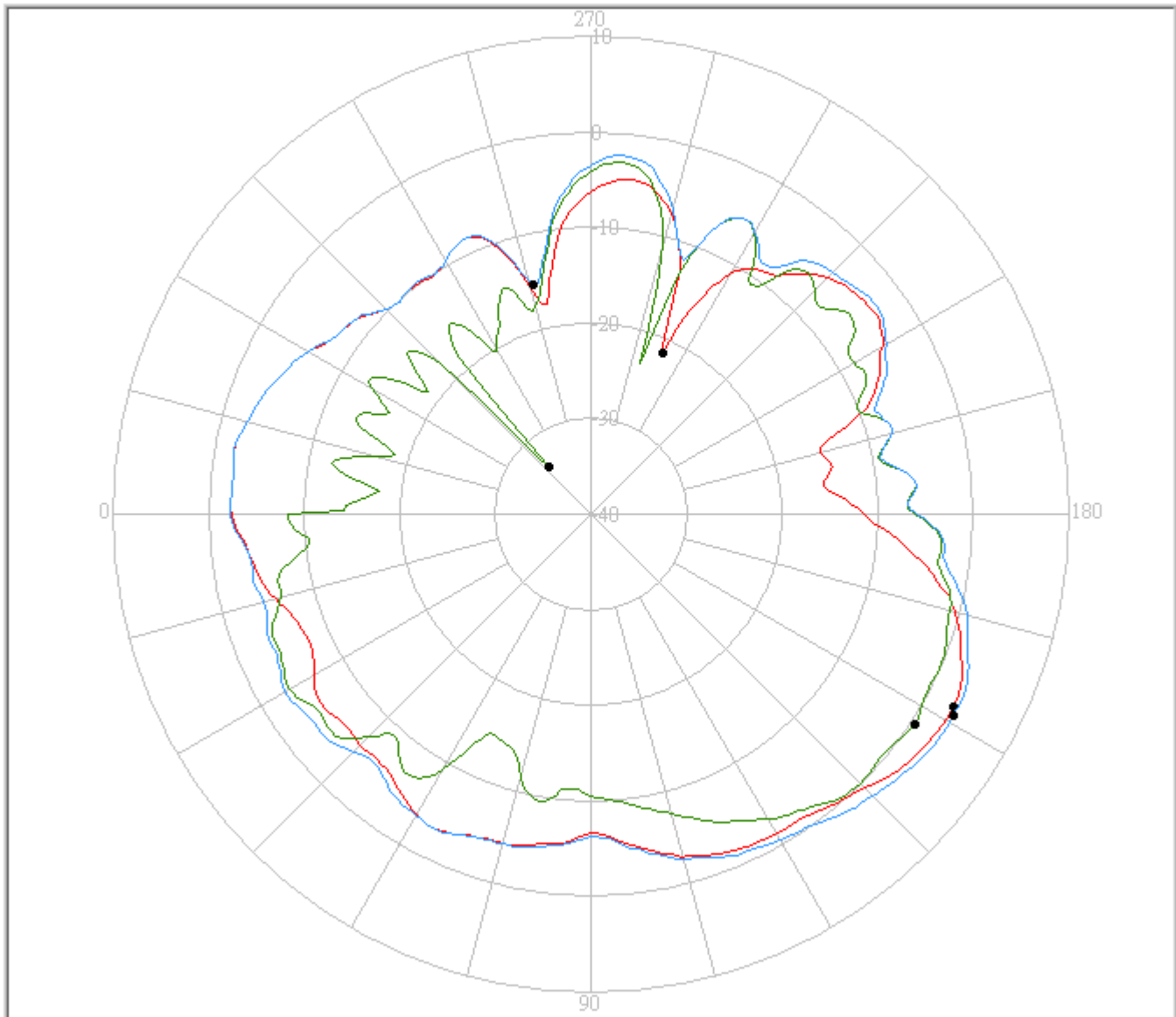
Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Right	5850.00	3.18 / 151.00	-22.30 / 247.00	-3.72	Ver.	2005/8/10
2	KR2W	Right	5850.00	0.20 / 147.00	-31.39 / 312.00	-5.57	Hor.	2005/8/10
3	KR2W	Right	5850.00	3.59 / 151.00	-16.44 / 284.00	-2.74	V+H	2005/8/10

1. 5.875GHz



FAVORTRON Co. Ltd Antenna Pattern Measurement

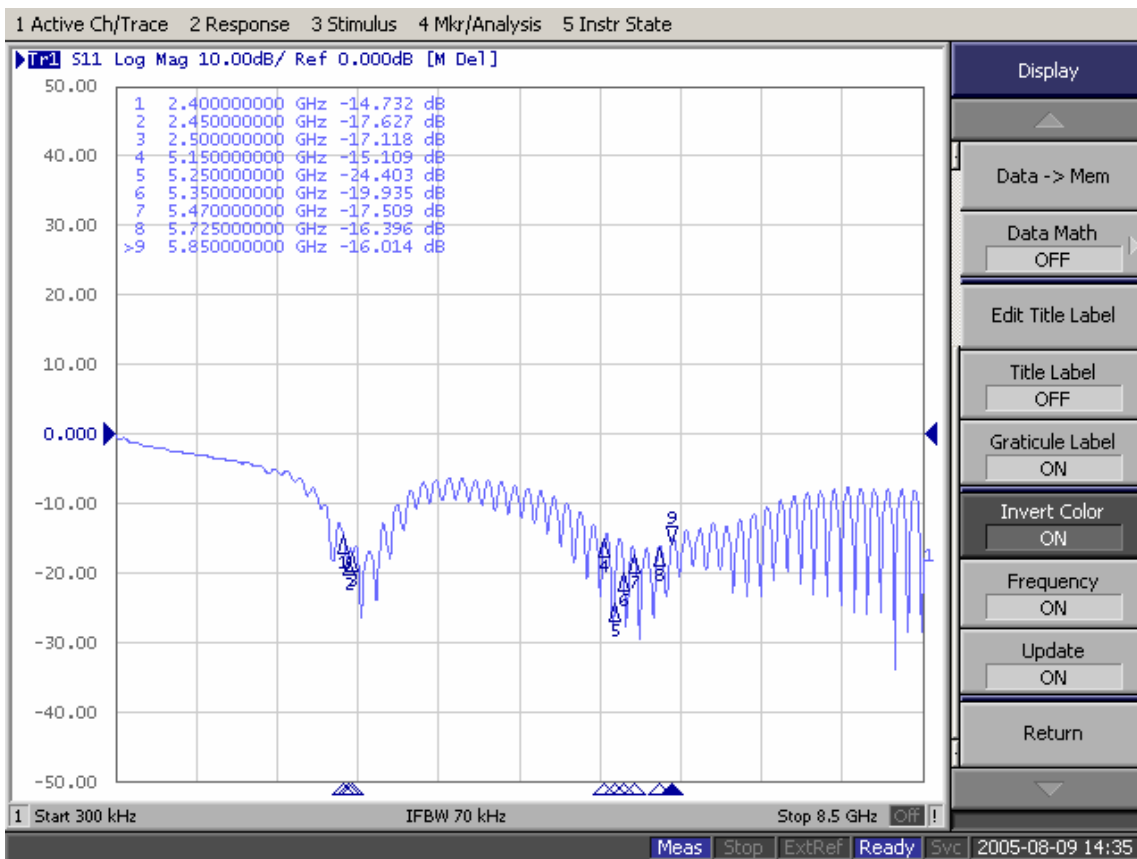
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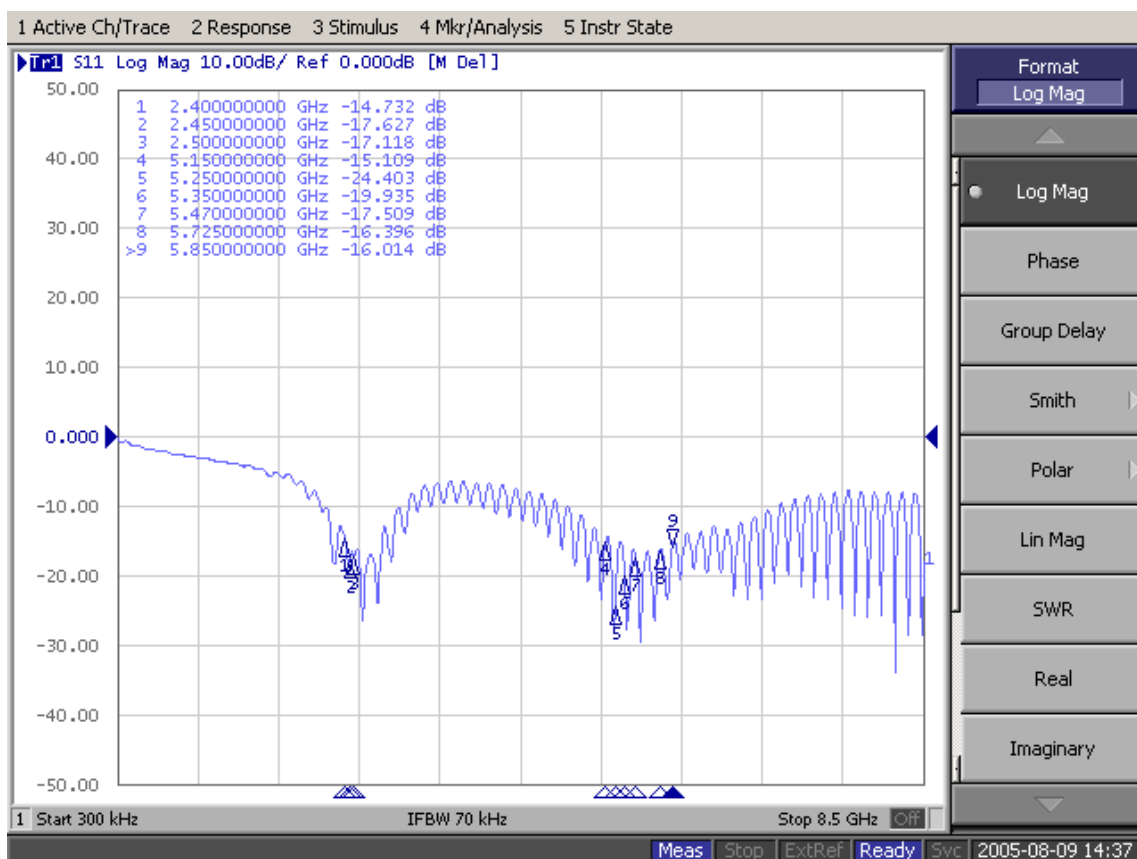
Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Right	5875.00	2.95 / 152.00	-21.59 / 246.00	-3.92	Ver.	2005/8/10
2	KR2W	Right	5875.00	0.30 / 147.00	-33.45 / 312.00	-5.86	Hor.	2005/8/10
3	KR2W	Right	5875.00	3.42 / 151.00	-15.28 / 284.00	-2.95	V+H	2005/8/10

5. WLAN Aux /Ant.(Left)

2.4~2.5GHZ & 5.15~5.875GHZ / Return Loss



2.4~2.5GHZ & 5.15~5.875GHZ / VSWR



6. Gain & Pattern – W/L / Aux Ant. (Left).

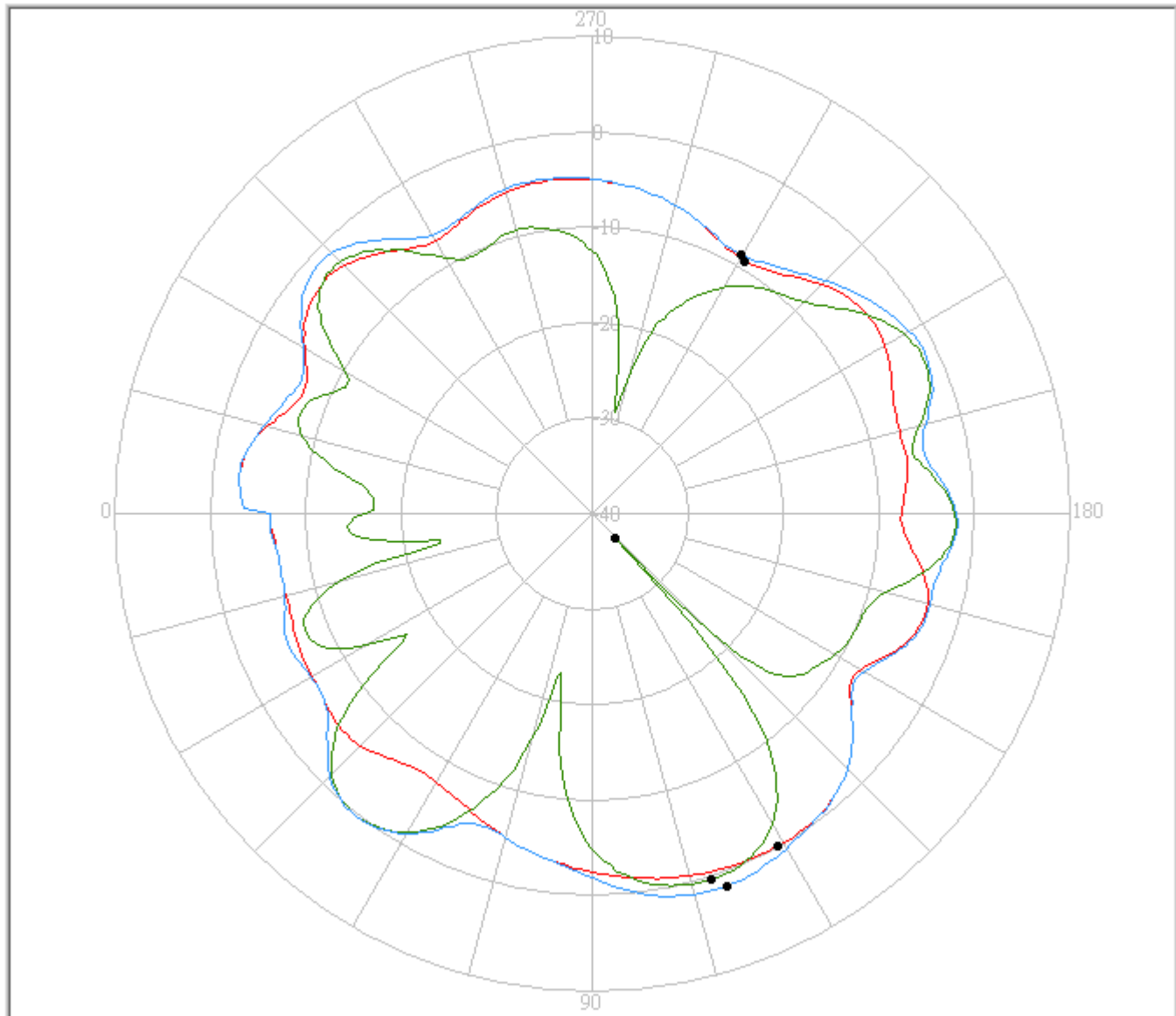
a. 2.4GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	2400.00	-0.13 / 119.00	-9.16 / 239.00	-4.56	Ver.	2005/8/10
2	KR2W	Left	2400.00	0.28 / 108.00	-36.58 / 133.00	-5.62	Hor.	2005/8/10
3	KR2W	Left	2400.00	1.45 / 110.00	-8.75 / 240.00	-3.14	V+H	2005/8/10

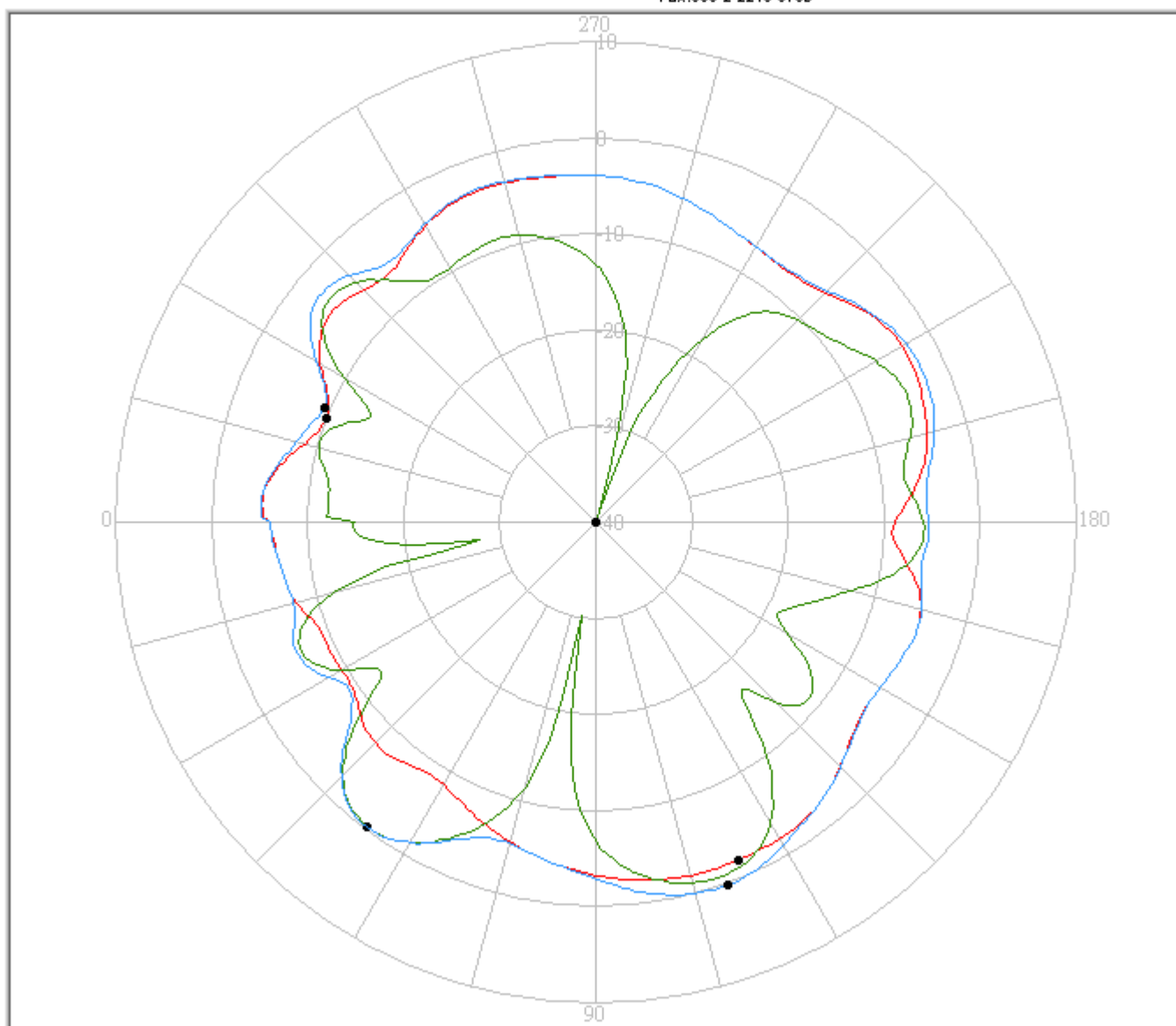
b. 2.45GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	2450.00	-1.85 / 113.00	-9.93 / 339.00	-5.10	Ver.	2005/8/10
2	KR2W	Left	2450.00	-0.39 / 53.00	-47.83 / 253.00	-7.08	Hor.	2005/8/10
3	KR2W	Left	2450.00	0.18 / 110.00	-9.37 / 337.00	-4.00	V+H	2005/8/10

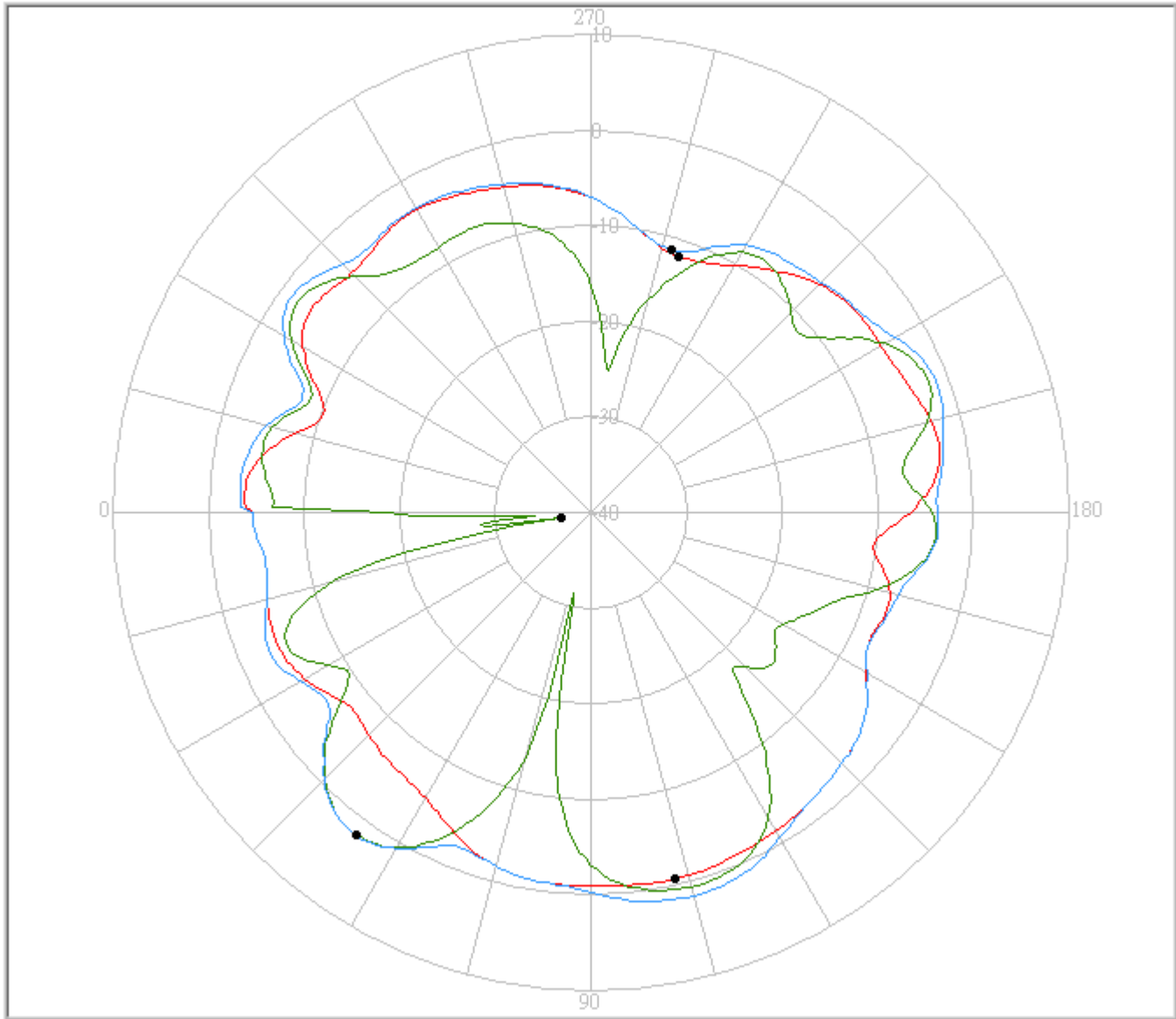
c. 2.5GHz



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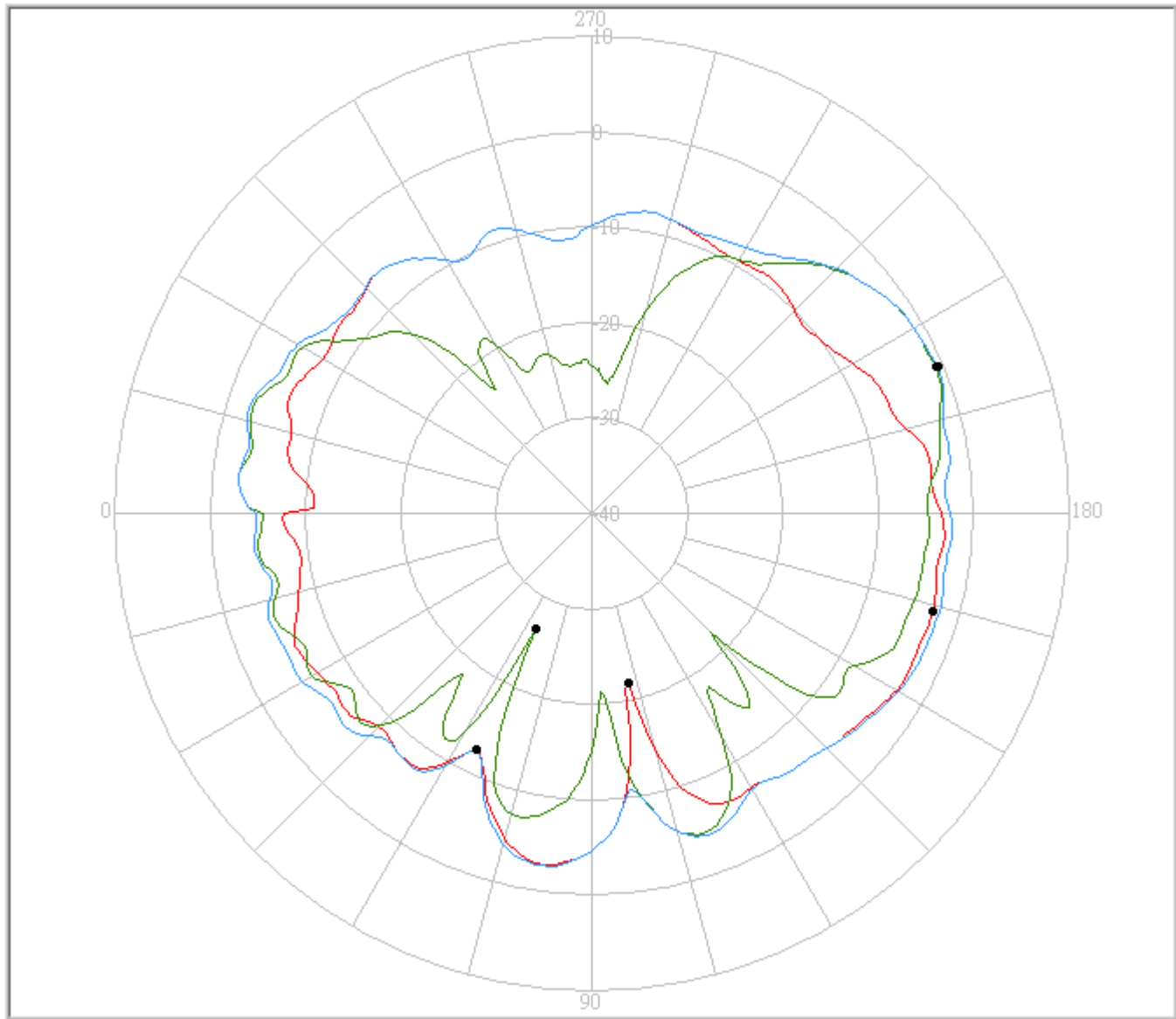
Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	2500.00	-0.68 / 103.00	-11.77 / 251.00	-4.45	Ver.	2005/8/10
2	KR2W	Left	2500.00	1.68 / 54.00	-36.93 / 9.00	-5.16	Hor.	2005/8/10
3	KR2W	Left	2500.00	1.74 / 54.00	-11.32 / 253.00	-2.89	V+H	2005/8/10

f. 5.15GHZ



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	5150.00	-2.79 / 164.00	-21.88 / 102.00	-6.66	Ver.	2005/8/10
2	KR2W	Left	5150.00	-0.82 / 203.00	-26.46 / 64.00	-6.68	Hor.	2005/8/10
3	KR2W	Left	5150.00	-0.70 / 203.00	-12.49 / 64.00	-4.70	V+H	2005/8/10

g. 5.25GHz



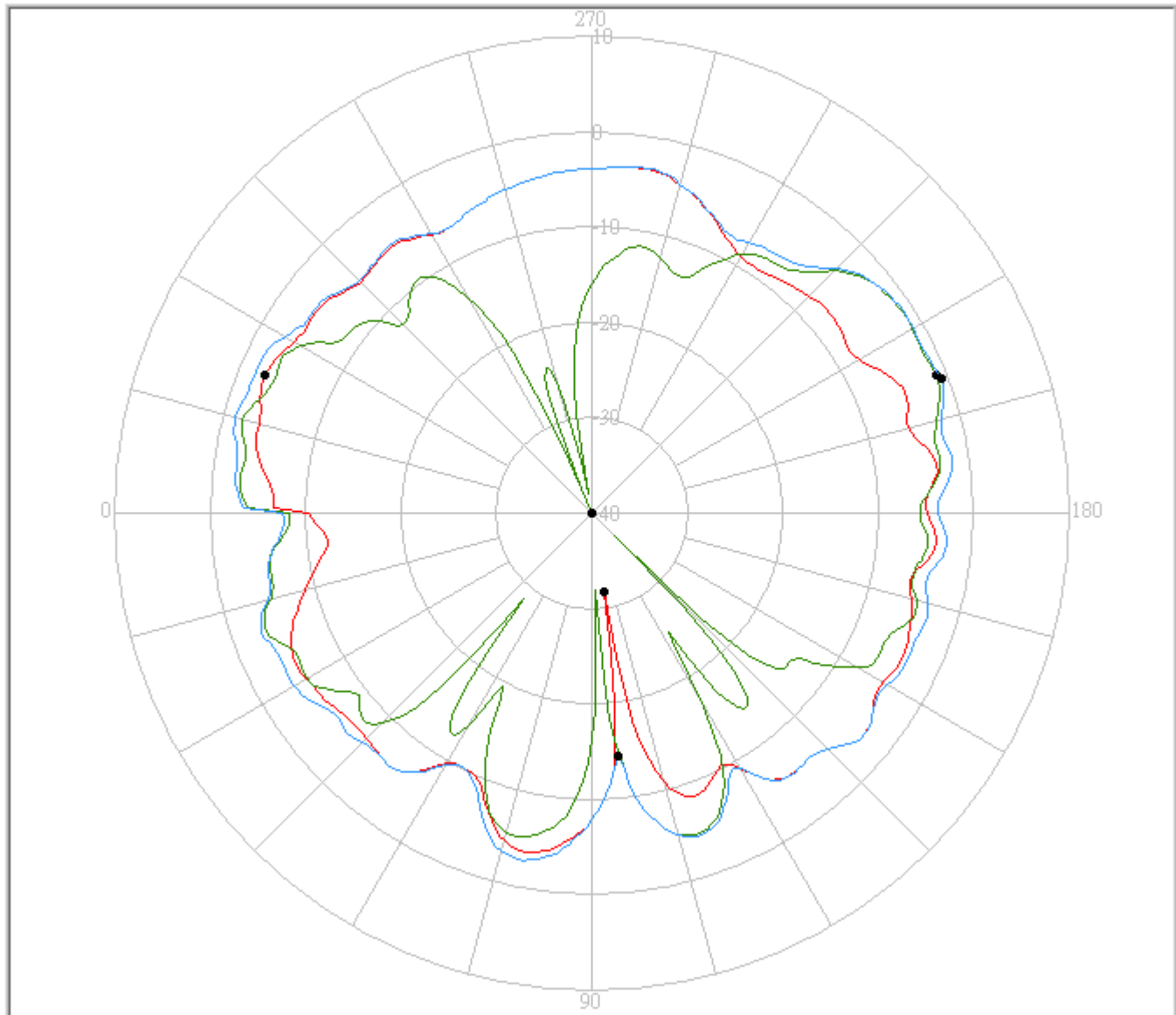
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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Left	5250.00	-2.88 / 337.00	-31.69 / 99.00	-5.75	Ver.	2005/8/10
2	 KR2W	Left	5250.00	-1.17 / 202.00	-44.55 / 293.00	-6.52	Hor.	2005/8/10
3	 KR2W	Left	5250.00	-0.81 / 201.00	-14.47 / 96.00	-4.18	V+H	2005/8/10

Hz. 5.35GHz



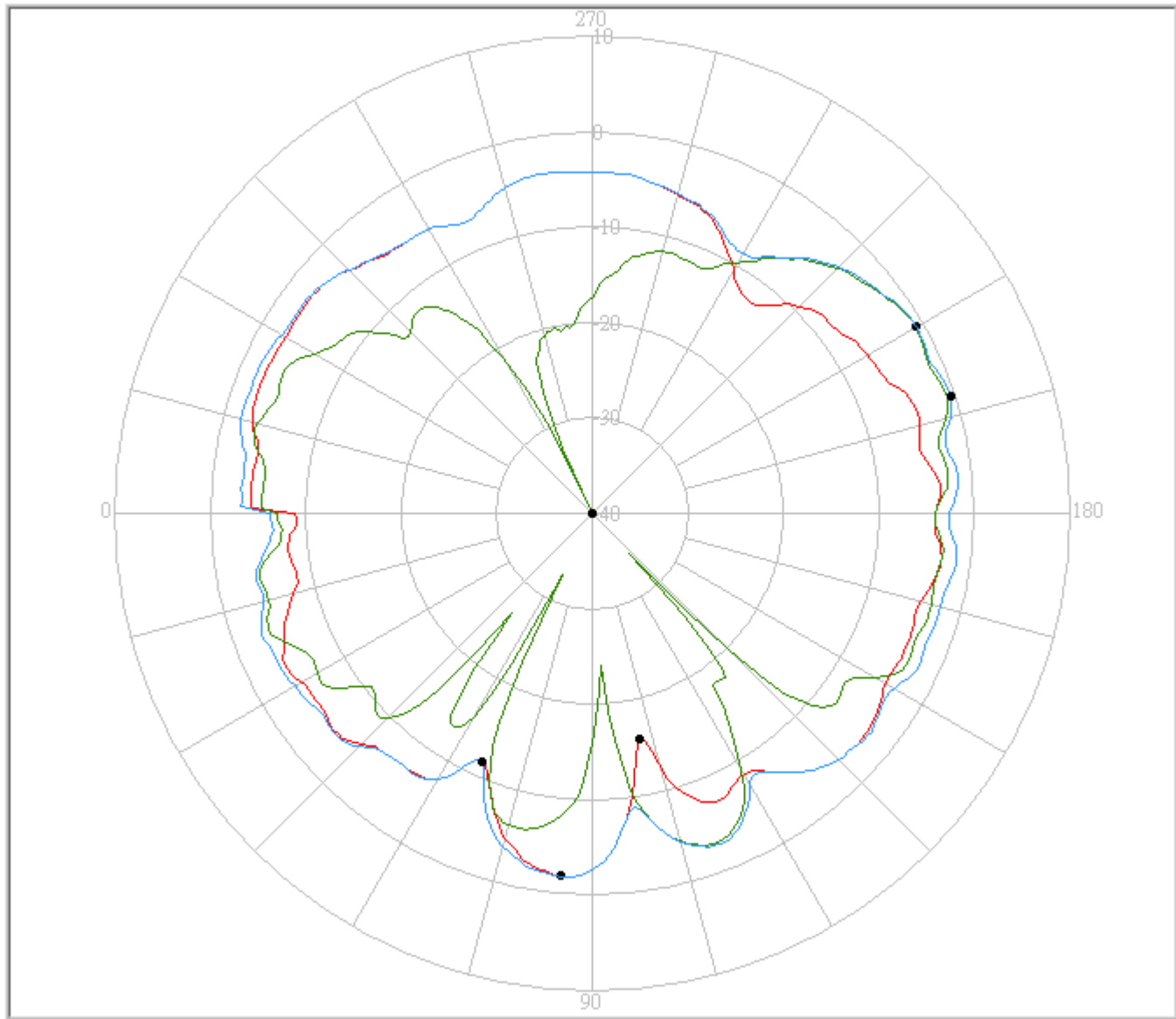
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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Left	5350.00	-1.88 / 85.00	-15.81 / 102.00	-5.18	Ver.	2005/8/10
2	 KR2W	Left	5350.00	-0.91 / 210.00	-39.94 / 295.00	-6.27	Hor.	2005/8/10
3	 KR2W	Left	5350.00	-0.56 / 198.00	-11.58 / 66.00	-3.72	V+H	2005/8/10

i. 5.47GHz



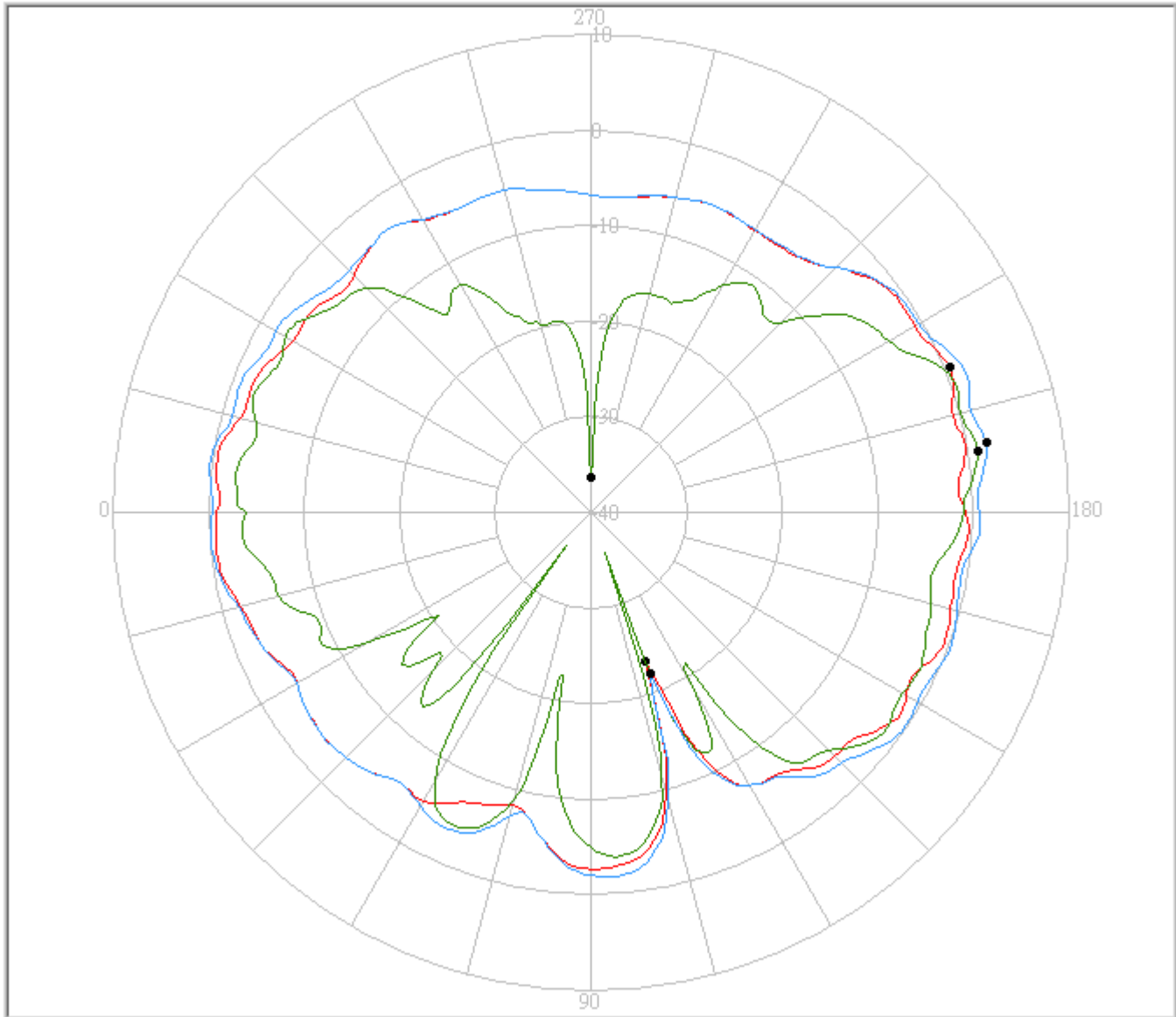
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


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4F, No. 108-1, Min Chuan Rd., Hsin-Tien City, Taipei, Taiwan, R.O.C. Tel:886-2-2218-2189,
Fax:886-2-2218-5760



Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Left	5470.00	0.46 / 202.00	-23.35 / 110.00	-3.25	Ver.	2005/8/10
2	 KR2W	Left	5470.00	0.98 / 189.00	-36.26 / 270.00	-5.50	Hor.	2005/8/10
3	 KR2W	Left	5470.00	1.95 / 190.00	-22.03 / 110.00	-2.42	V+H	2005/8/10

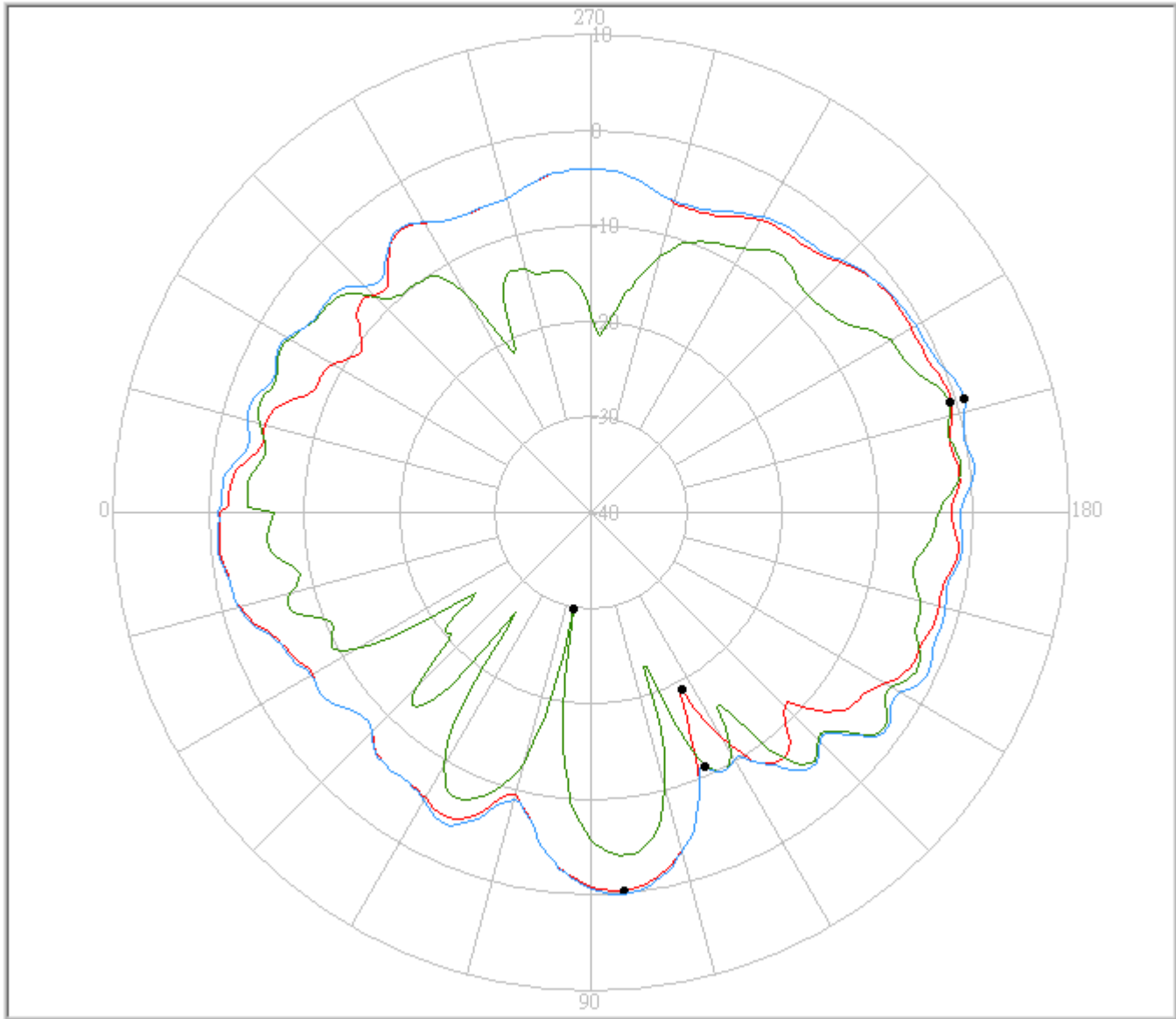
j. 5.597GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	5597.50	-0.34 / 95.00	-19.17 / 117.00	-4.03	Ver.	2005/8/10
2	KR2W	Left	5597.50	-0.82 / 197.00	-29.73 / 80.00	-6.44	Hor.	2005/8/10
3	KR2W	Left	5597.50	0.83 / 197.00	-10.92 / 114.00	-3.18	V+H	2005/8/10

k. 5.725GHz



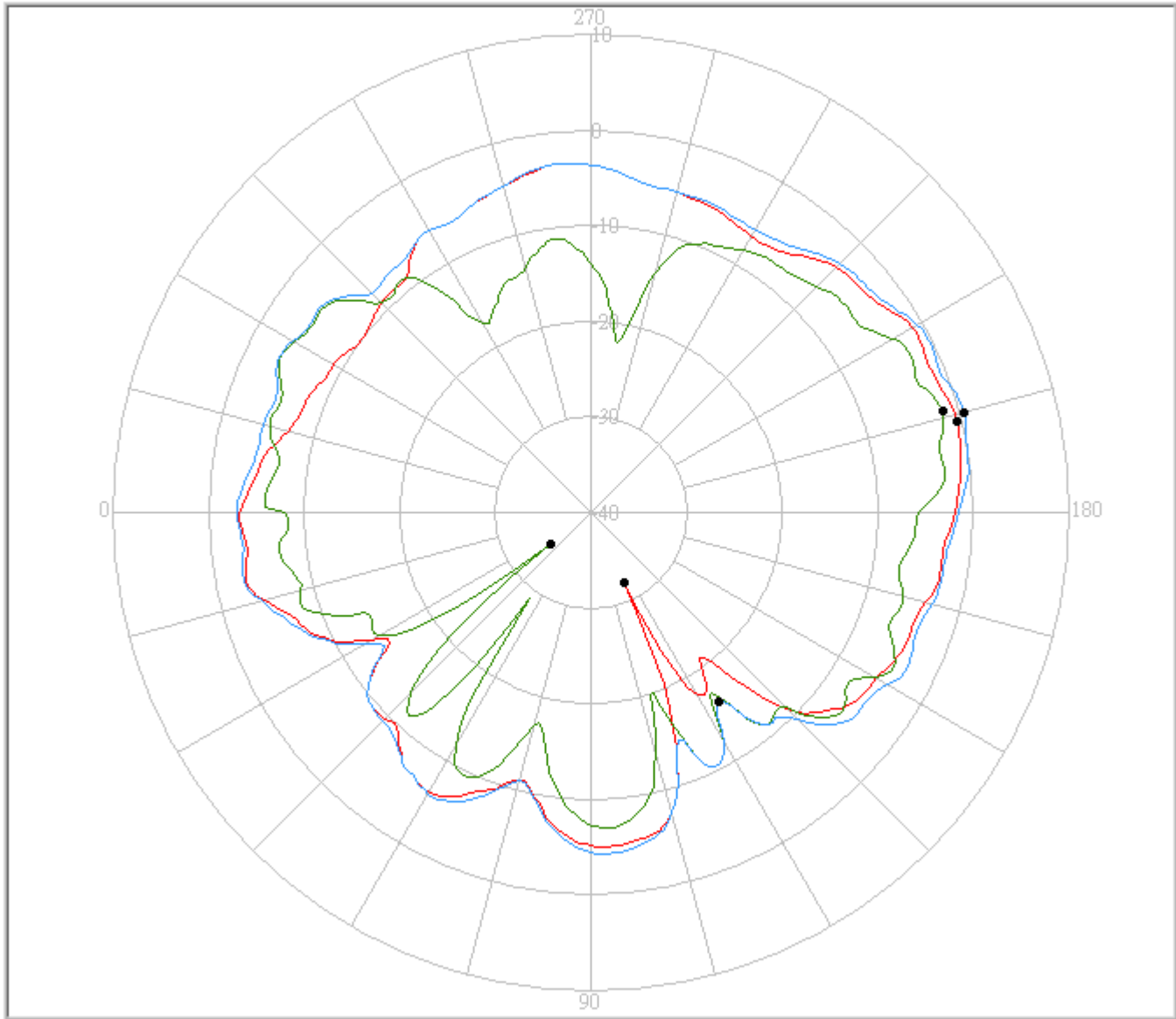
eService for Customer Satisfaction




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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Left	5725.00	-0.54 / 194.00	-31.91 / 115.00	-5.32	Ver.	2005/8/10
2	 KR2W	Left	5725.00	-1.71 / 196.00	-34.76 / 38.00	-7.71	Hor.	2005/8/10
3	 KR2W	Left	5725.00	0.41 / 195.00	-16.24 / 124.00	-4.51	V+H	2005/8/10

1.5785GHz



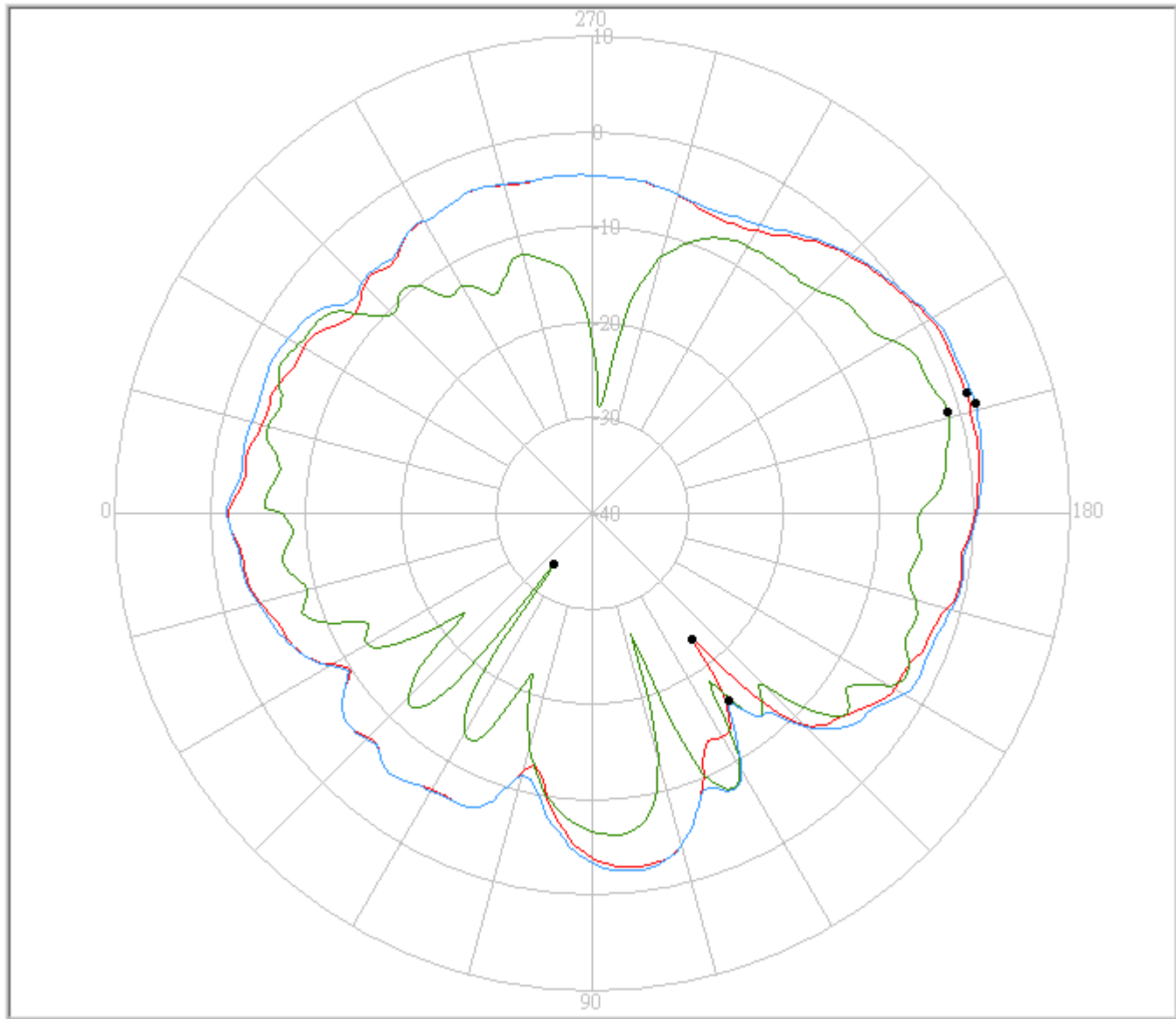
eService for Customer Satisfaction




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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Left	5785.00	1.12 / 198.00	-23.17 / 128.00	-3.67	Ver.	2005/8/10
2	 KR2W	Left	5785.00	-1.25 / 196.00	-33.27 / 53.00	-7.39	Hor.	2005/8/10
3	 KR2W	Left	5785.00	1.72 / 196.00	-15.74 / 126.00	-3.21	V+H	2005/8/10

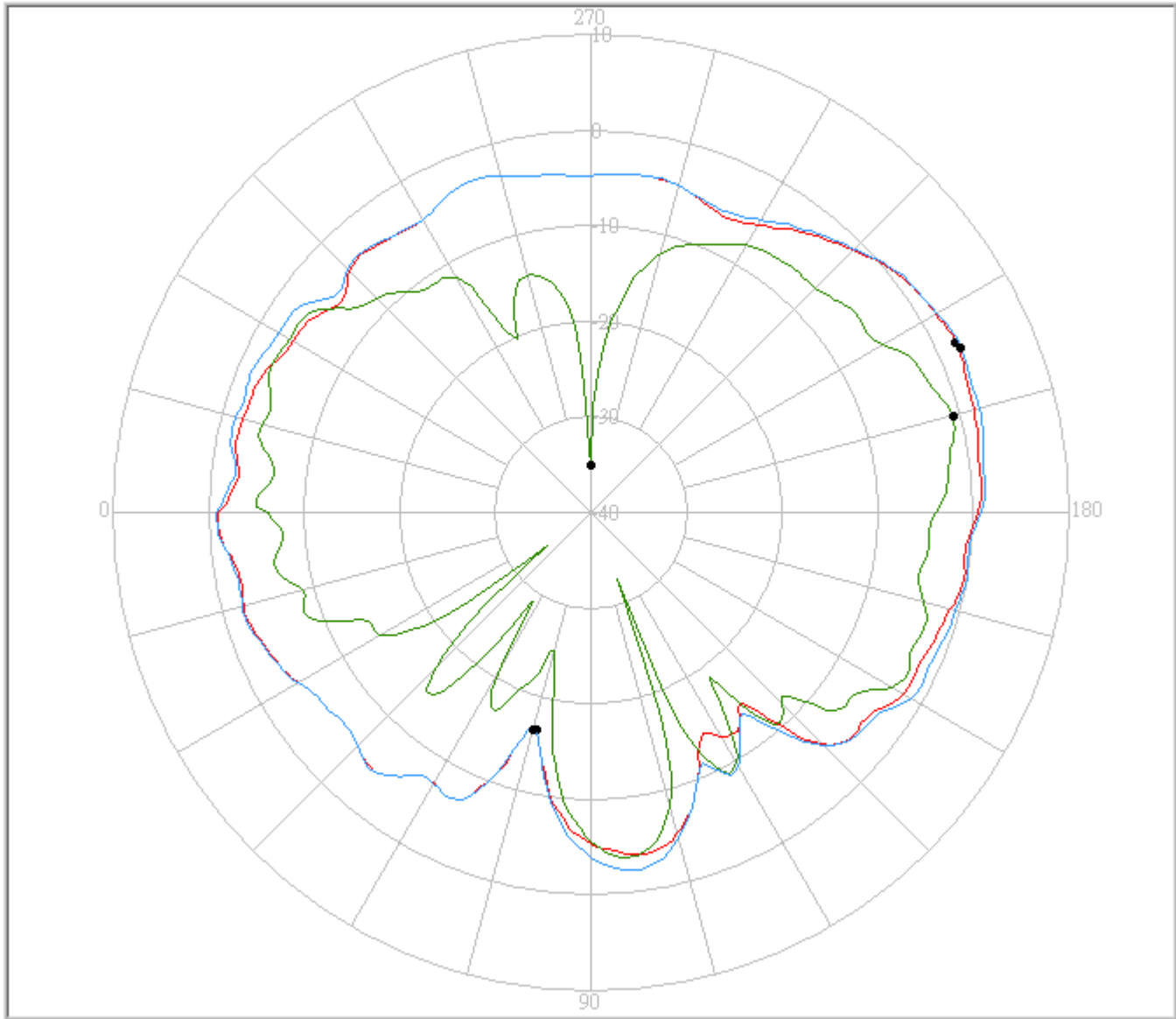
m. 5.85GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	5850.00	2.13 / 205.00	-16.63 / 76.00	-2.96	Ver.	2005/8/10
2	KR2W	Left	5850.00	-0.84 / 195.00	-35.13 / 270.00	-6.96	Hor.	2005/8/10
3	KR2W	Left	5850.00	2.36 / 204.00	-16.58 / 75.00	-2.54	V+H	2005/8/10

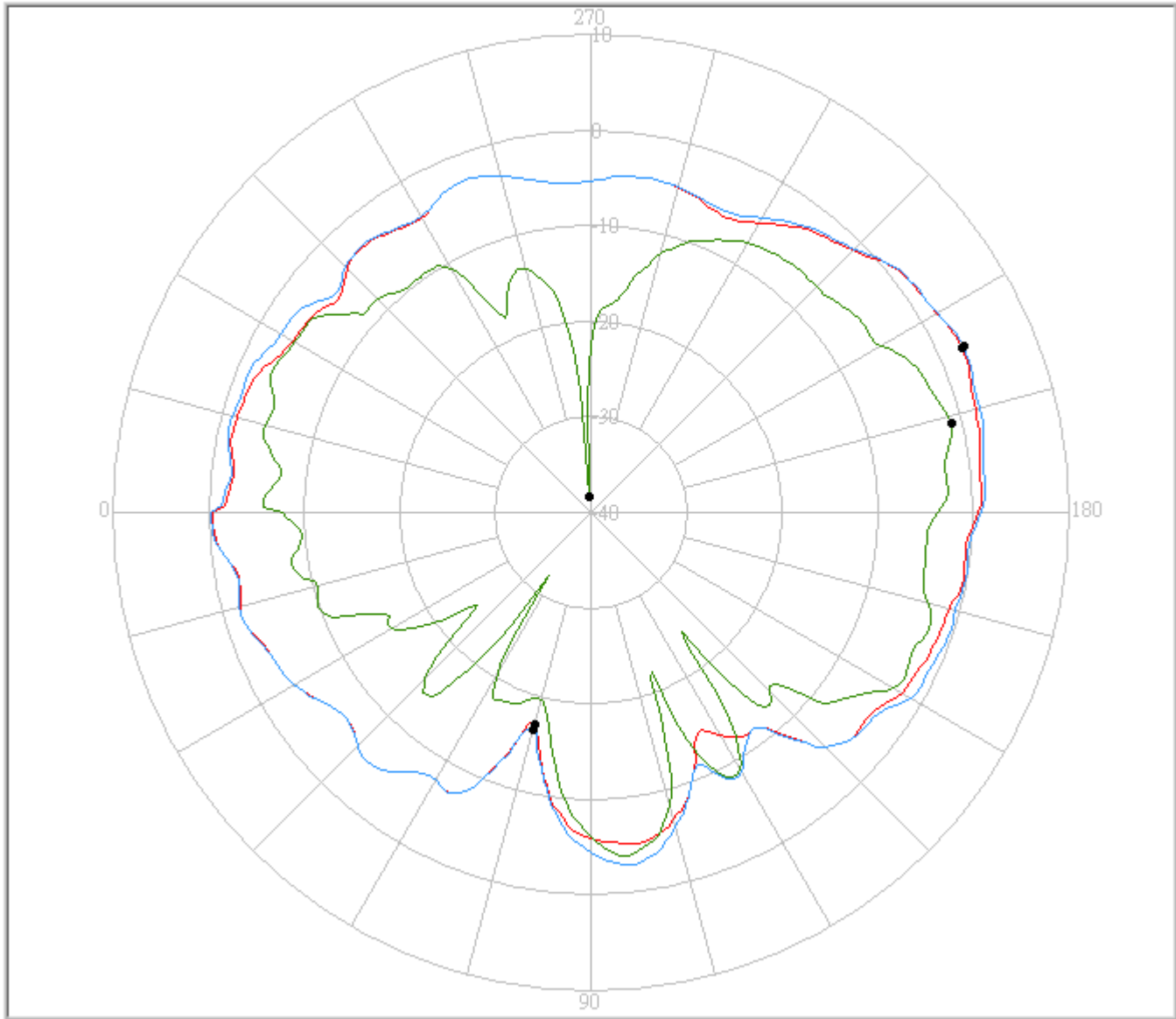
n. 5.875GHz






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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Left	5875.00	2.51 / 204.00	-17.05 / 75.00	-2.85	Ver.	2005/8/10
2	 KR2W	Left	5875.00	-1.20 / 194.00	-38.26 / 274.00	-7.17	Hor.	2005/8/10
3	 KR2W	Left	5875.00	2.70 / 204.00	-16.50 / 75.00	-2.47	V+H	2005/8/10

7. Diversity

a. 2.400GHz



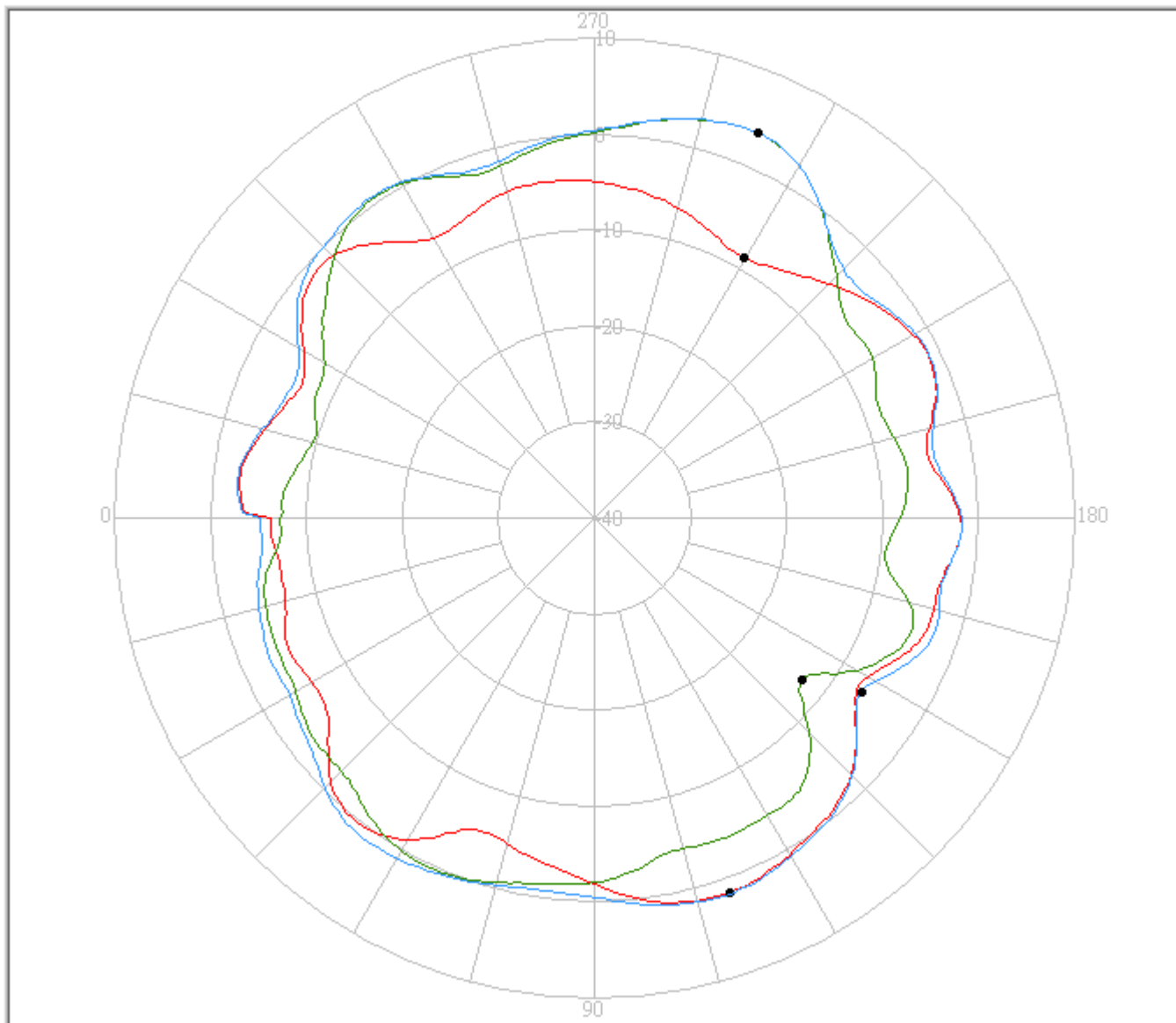
eService for Customer Satisfaction

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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	2400.00	1.45 / 110.00	-8.75 / 240.00	-3.14	V+H	2005/8/10
2	KR2W	Right	2400.00	2.85 / 247.00	-12.60 / 142.00	-2.47	V+H	2005/8/10
3	KR2W	div	2400.00	2.85 / 247.00	-6.87 / 147.00	-0.81	Div.	2005/8/10

b. 2.450GHz



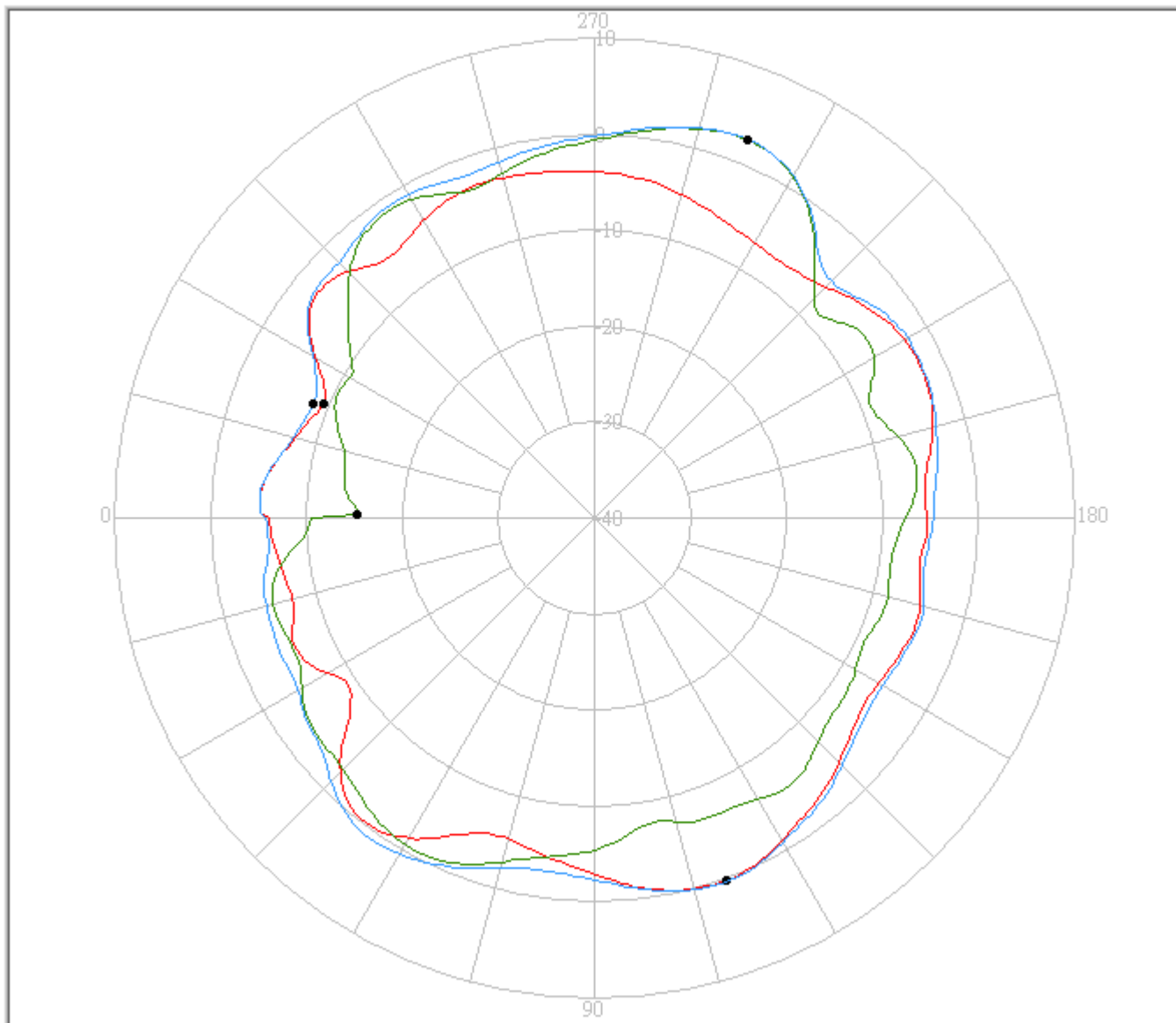
eService for Customer Satisfaction


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Fax:886-2-2218-5760



Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Left	2450.00	0.18 / 110.00	-9.37 / 337.00	-4.00	V+H	2005/8/10
2	 KR2W	Right	2450.00	2.48 / 248.00	-15.32 / 359.00	-3.80	V+H	2005/8/10
3	 KR2W	Right	2450.00	2.52 / 248.00	-8.43 / 338.00	-2.01	Div.	2005/8/10

c. 2.500GHz



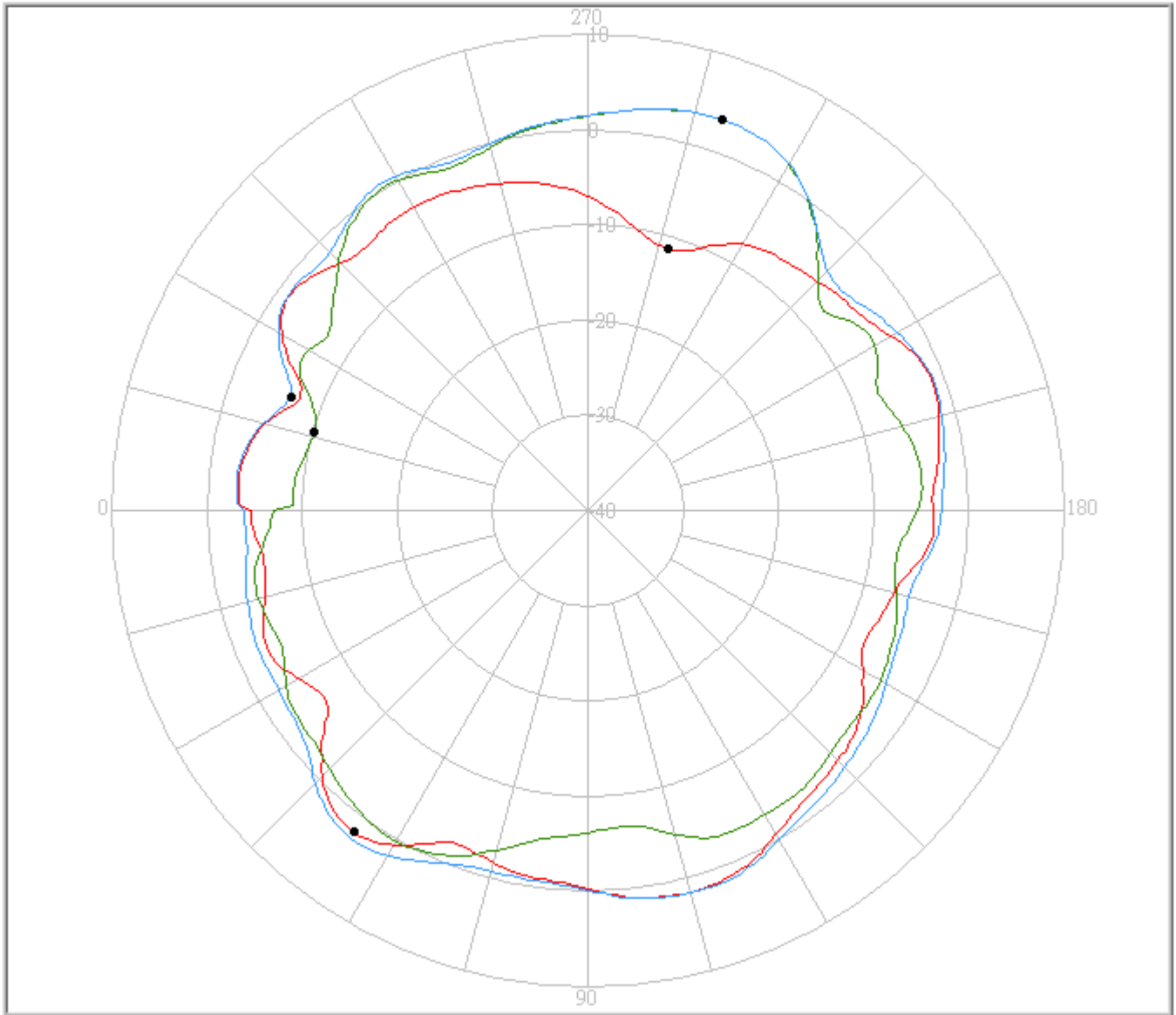
eService for Customer Satisfaction




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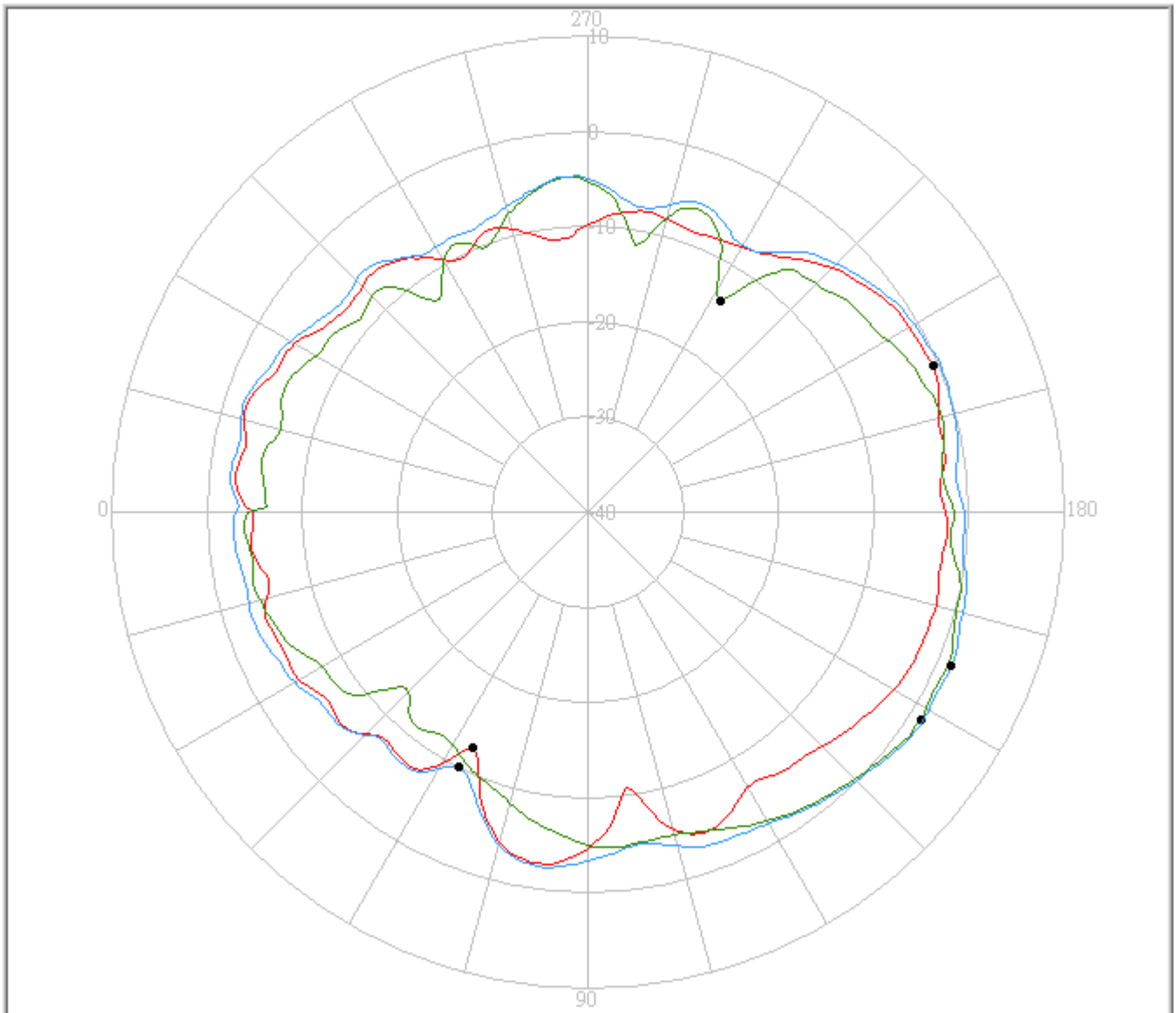
Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	 KR2W	Left	2500.00	1.74 / 54.00	-11.32 / 253.00	-2.89	V+H	2005/8/10
2	 KR2W	Right	2500.00	2.66 / 251.00	-10.16 / 344.00	-2.32	V+H	2005/8/10
3	 KR2W	div	2500.00	2.66 / 251.00	-6.65 / 339.00	-0.63	Div.	2005/8/10

d. 5.150GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	■ KR2W	Left	5150.00	-0.70 / 203.00	-12.49 / 64.00	-4.70	V+H	2005/8/10
2	■ KR2W	Right	5150.00	1.16 / 148.00	-13.90 / 238.00	-4.27	V+H	2005/8/10
3	■ KR2W	div	5150.00	1.46 / 157.00	-9.96 / 63.00	-2.77	Div.	2005/8/10

e. 5.250GHz



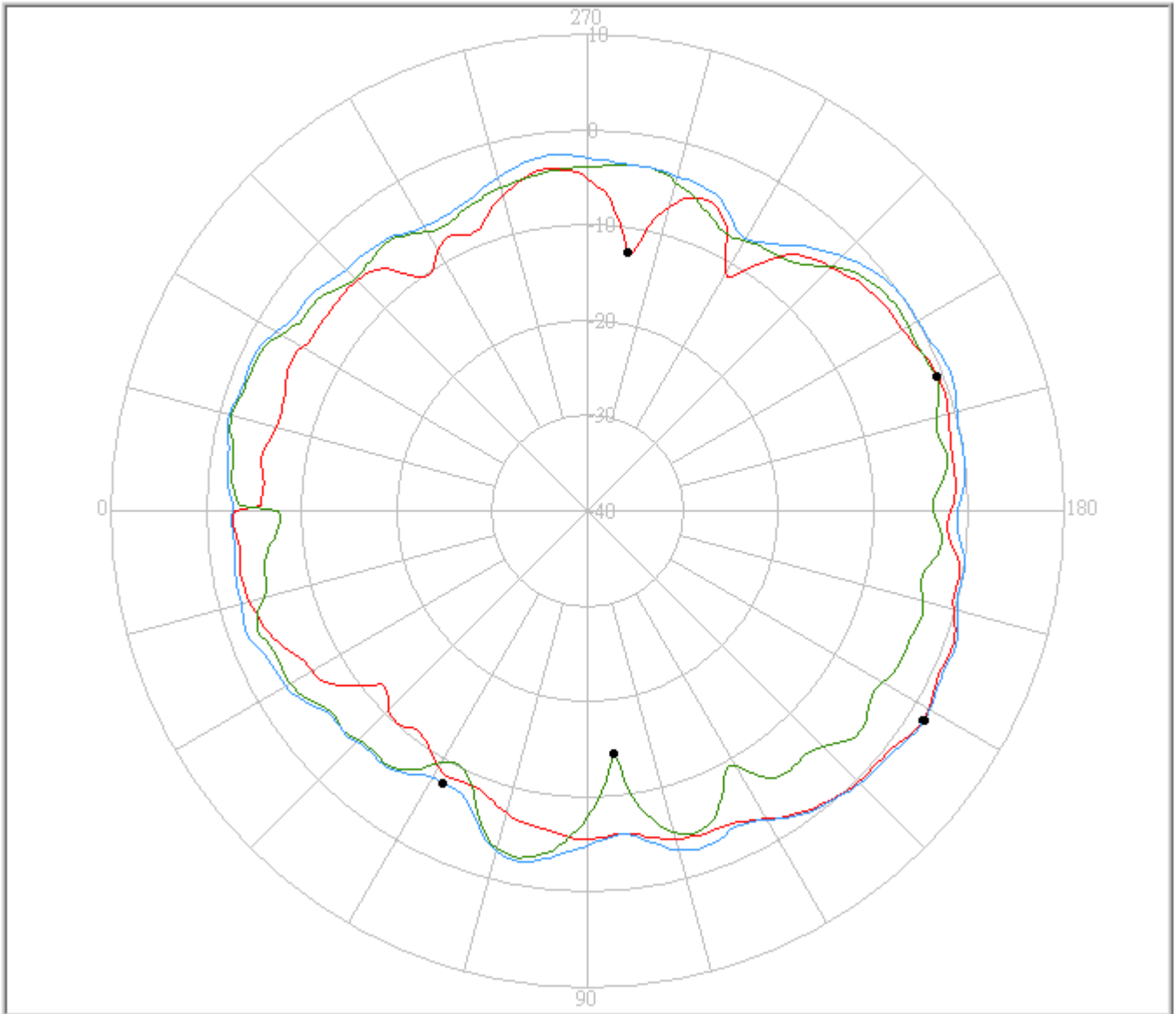
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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Right	5250.00	1.46 / 148.00	-12.62 / 261.00	-3.65	V+H	2005/8/10
2	KR2W	Left	5250.00	-0.81 / 201.00	-14.47 / 96.00	-4.18	V+H	2005/8/10
3	KR2W	div	5250.00	1.60 / 148.00	-7.68 / 62.00	-2.17	Div.	2005/8/10

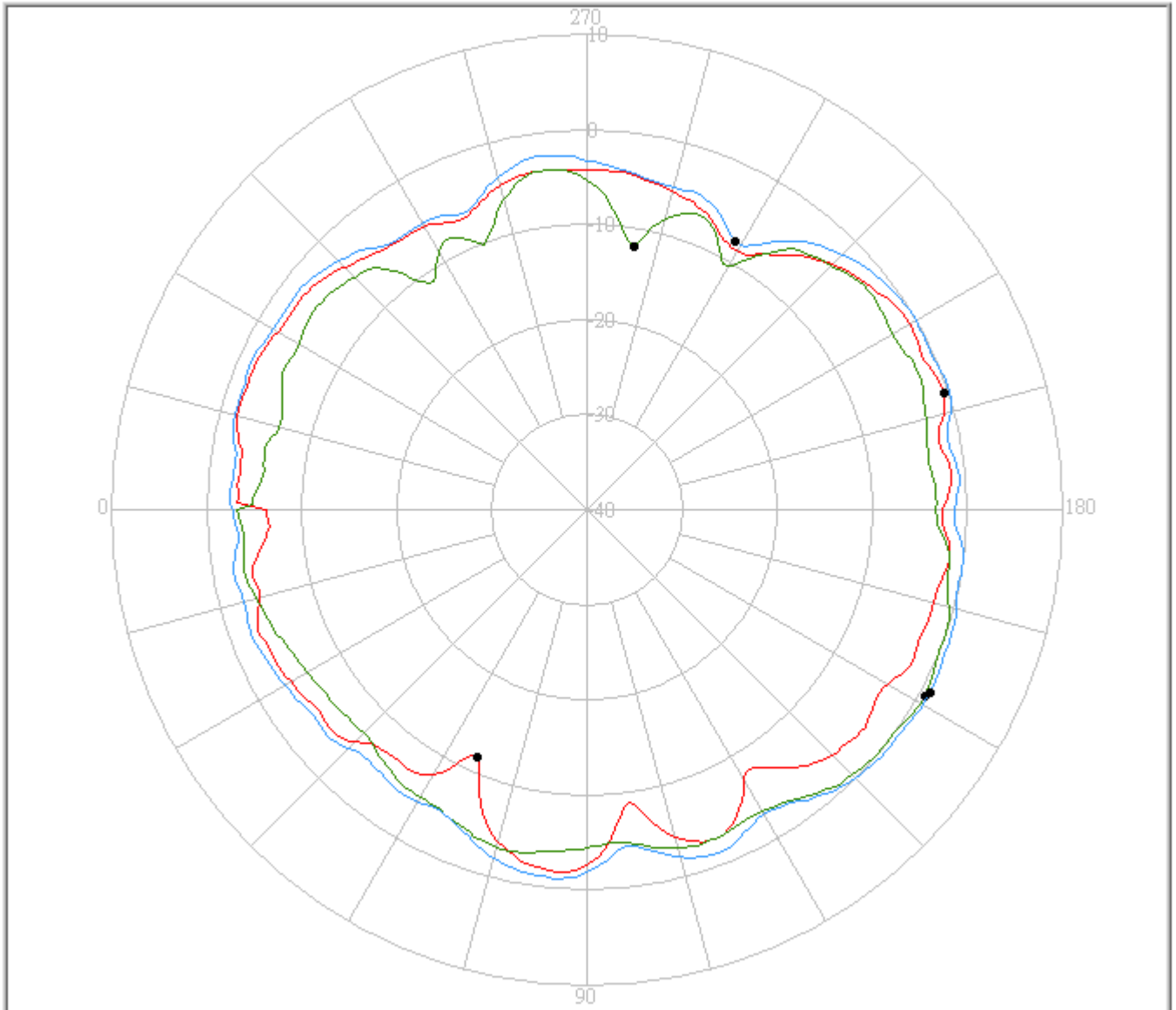
f. 5.350GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	5350.00	-0.56 / 198.00	-11.58 / 66.00	-3.72	V+H	2005/8/10
2	KR2W	Right	5350.00	0.55 / 151.00	-11.83 / 260.00	-3.87	V+H	2005/8/10
3	KR2W	div	5350.00	0.95 / 152.00	-7.80 / 241.00	-2.15	Div.	2005/8/10

g. 5.470GHz



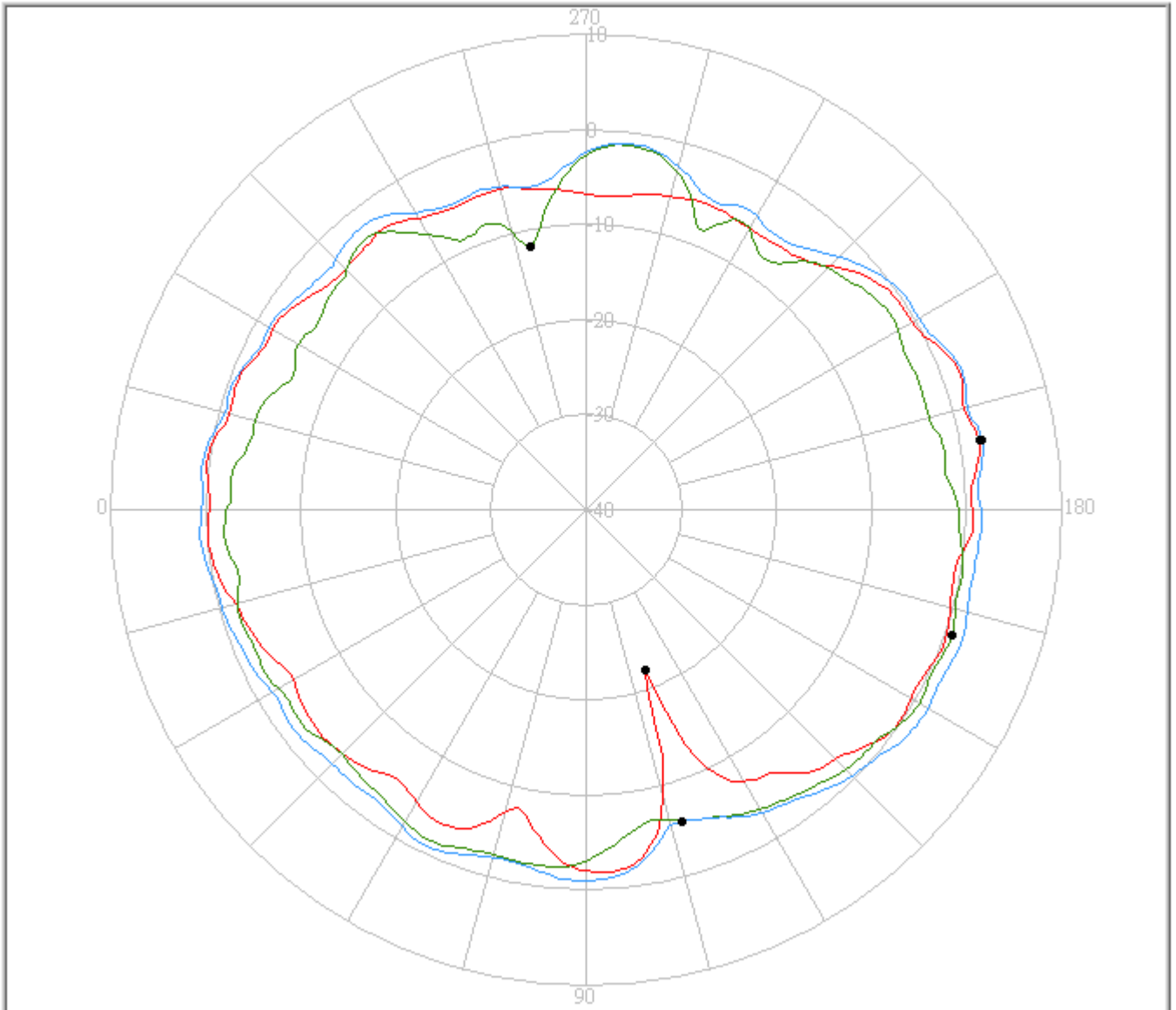
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Fax:886-2-2218-5760



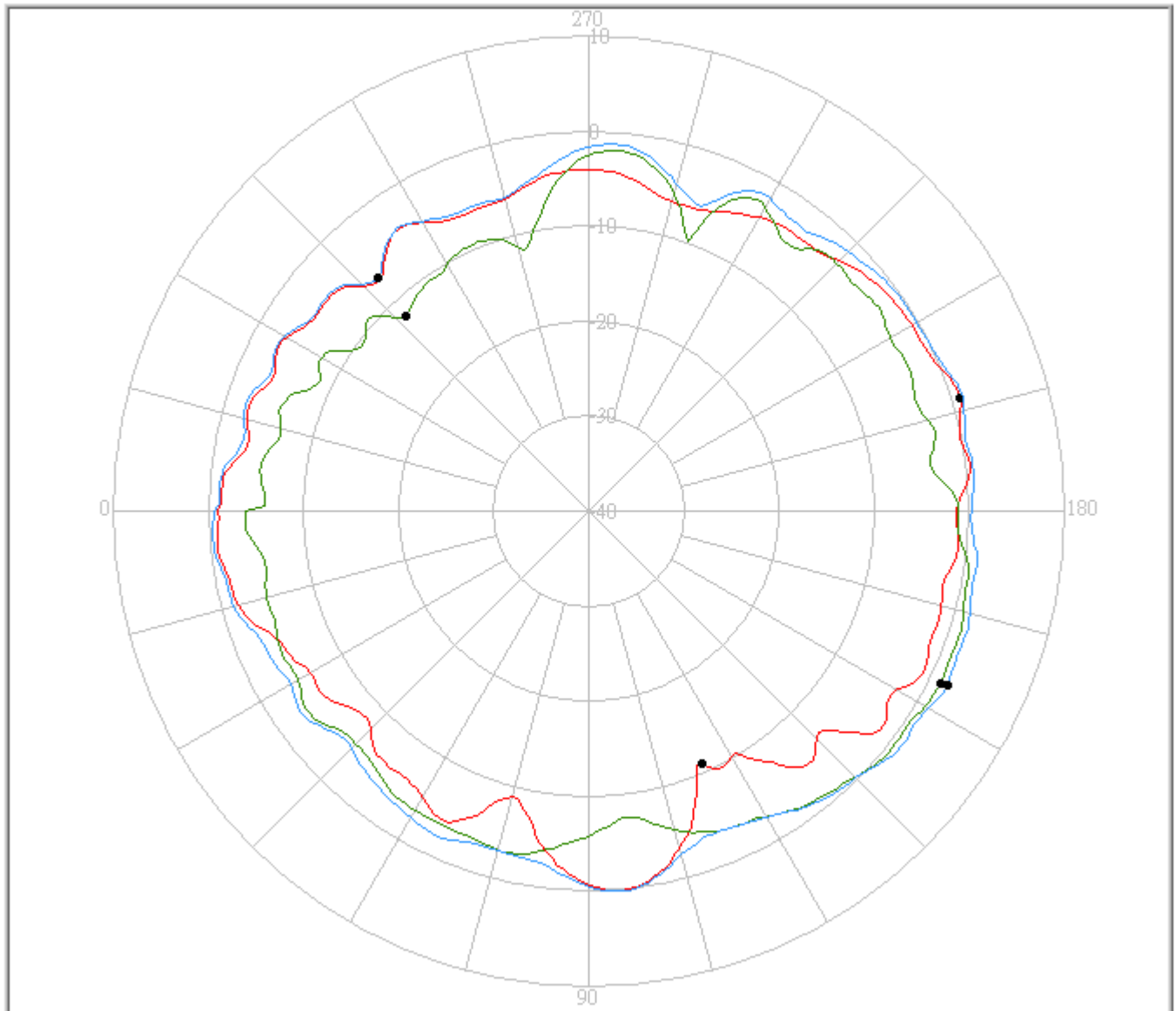
Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	5470.00	1.95 / 190.00	-22.03 / 110.00	-2.42	V+H	2005/8/10
2	KR2W	Right	5470.00	0.65 / 161.00	-11.65 / 282.00	-2.89	V+H	2005/8/10
3	KR2W	div	5470.00	2.30 / 190.00	-5.80 / 107.00	-0.99	Div.	2005/8/10

h. 5.59750GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	5597.50	0.83 / 197.00	-10.92 / 114.00	-3.18	V+H	2005/8/10
2	KR2W	Right	5597.50	1.21 / 154.00	-11.90 / 313.00	-3.51	V+H	2005/8/10
3	KR2W	div	5597.50	1.89 / 154.00	-6.97 / 312.00	-1.59	Div.	2005/8/10

i. 5.725GHz



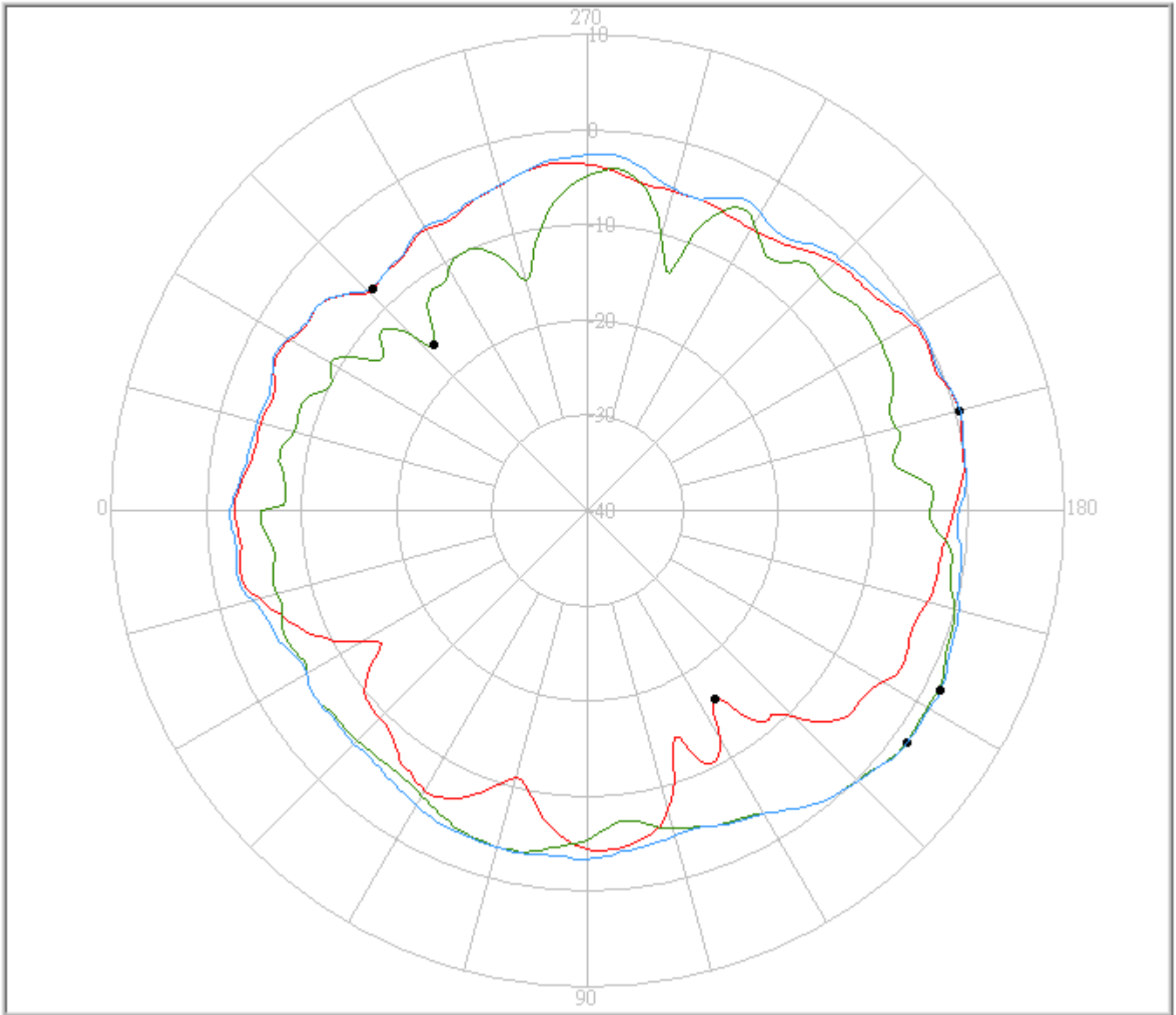
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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	5725.00	0.41 / 195.00	-16.24 / 124.00	-4.51	V+H	2005/8/10
2	KR2W	Right	5725.00	1.39 / 144.00	-16.26 / 313.00	-4.47	V+H	2005/8/10
3	KR2W	div	5725.00	1.61 / 153.00	-7.57 / 314.00	-2.55	Div.	2005/8/10

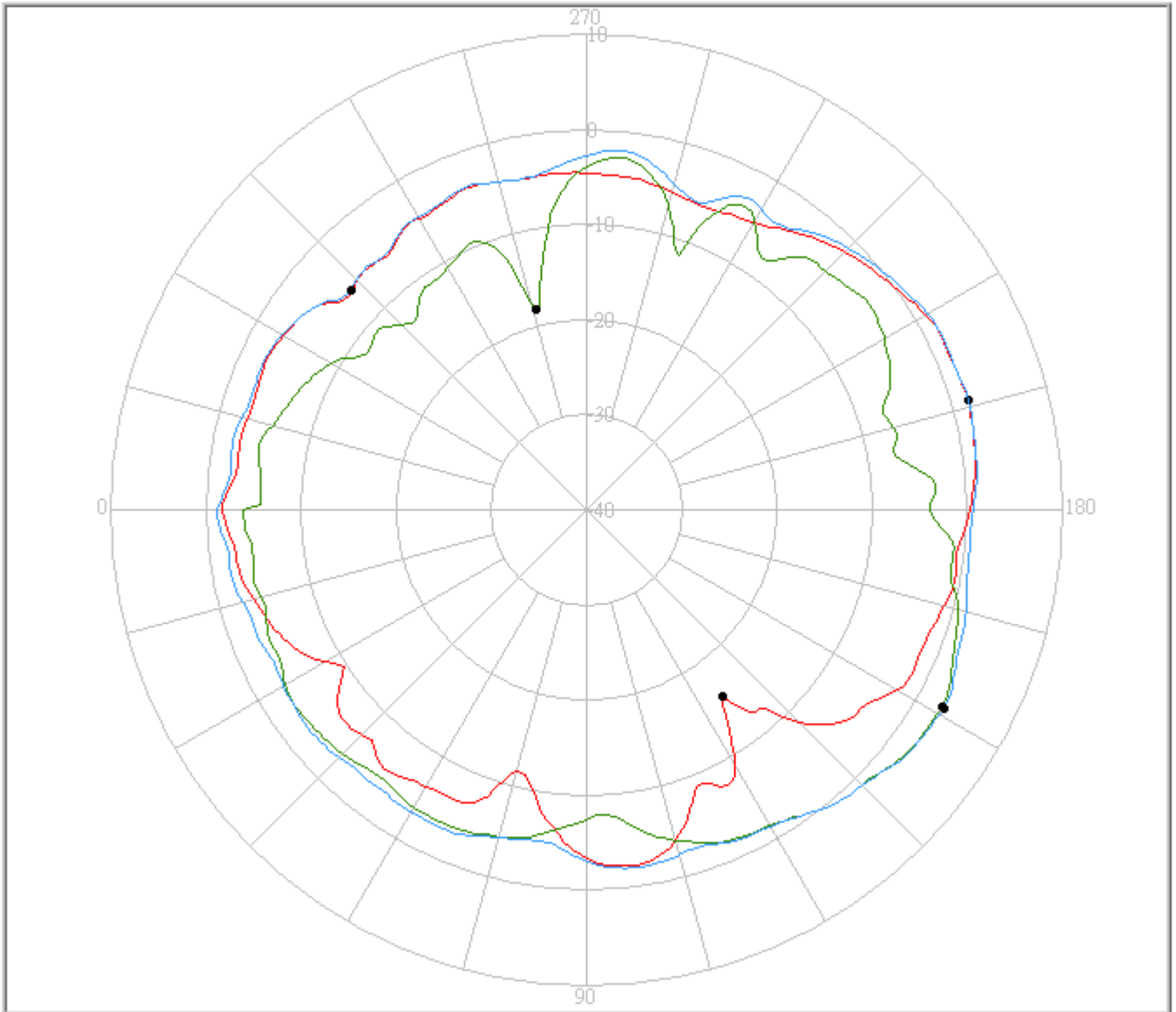
j. 5.785GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	5785.00	1.72 / 196.00	-15.74 / 126.00	-3.21	V+H	2005/8/10
2	KR2W	Right	5785.00	2.68 / 151.00	-18.29 / 284.00	-3.52	V+H	2005/8/10
3	KR2W	div	5785.00	2.94 / 151.00	-6.20 / 317.00	-1.41	Div.	2005/8/10

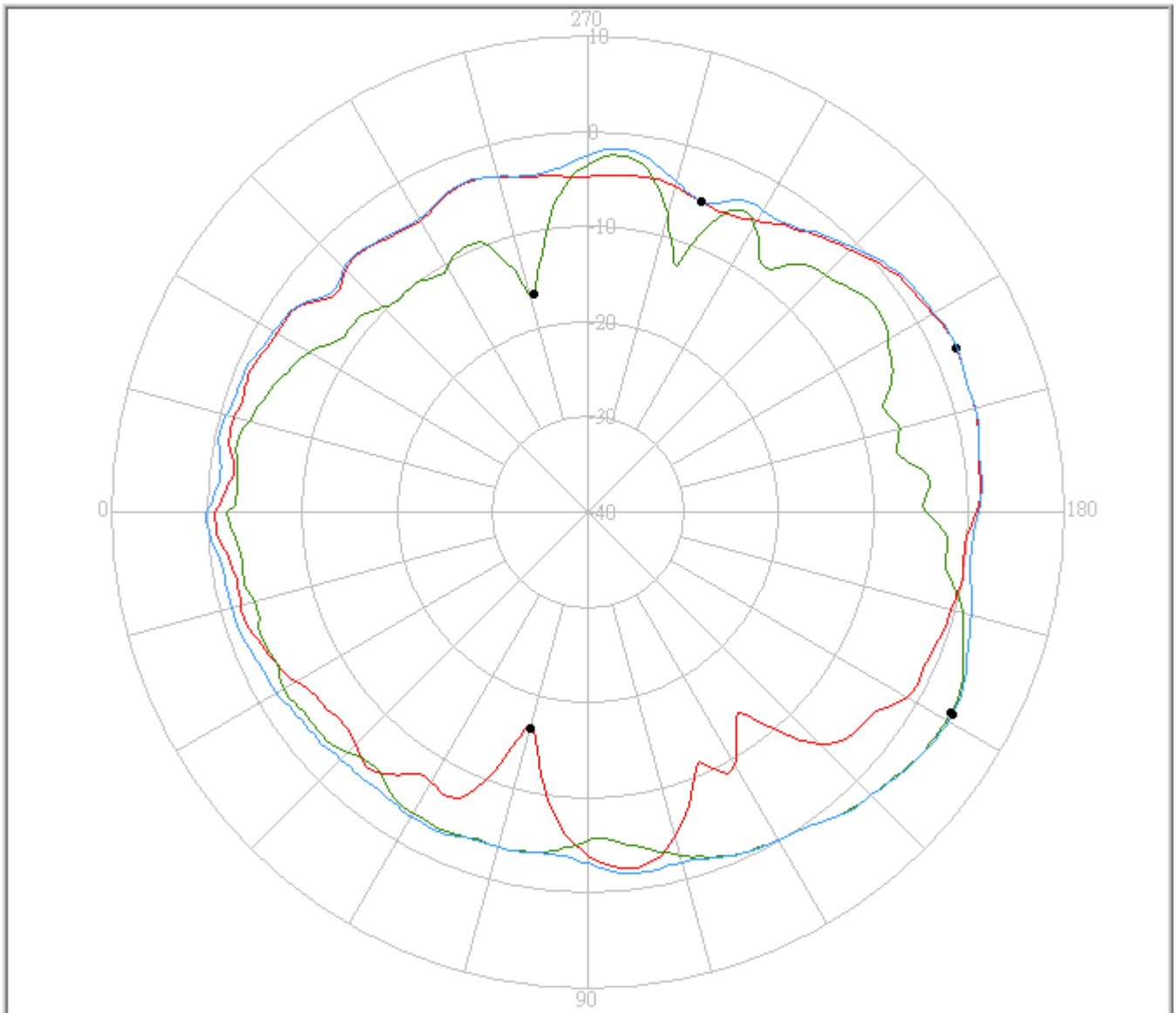
k. 5.850GHz



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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	5850.00	2.36 / 204.00	-16.58 / 75.00	-2.54	V+H	2005/8/10
2	KR2W	Right	5850.00	3.59 / 151.00	-16.44 / 284.00	-2.74	V+H	2005/8/10
3	KR2W	div	5850.00	3.83 / 151.00	-5.25 / 250.00	-0.67	Div.	2005/8/10

1. 5.875GHz



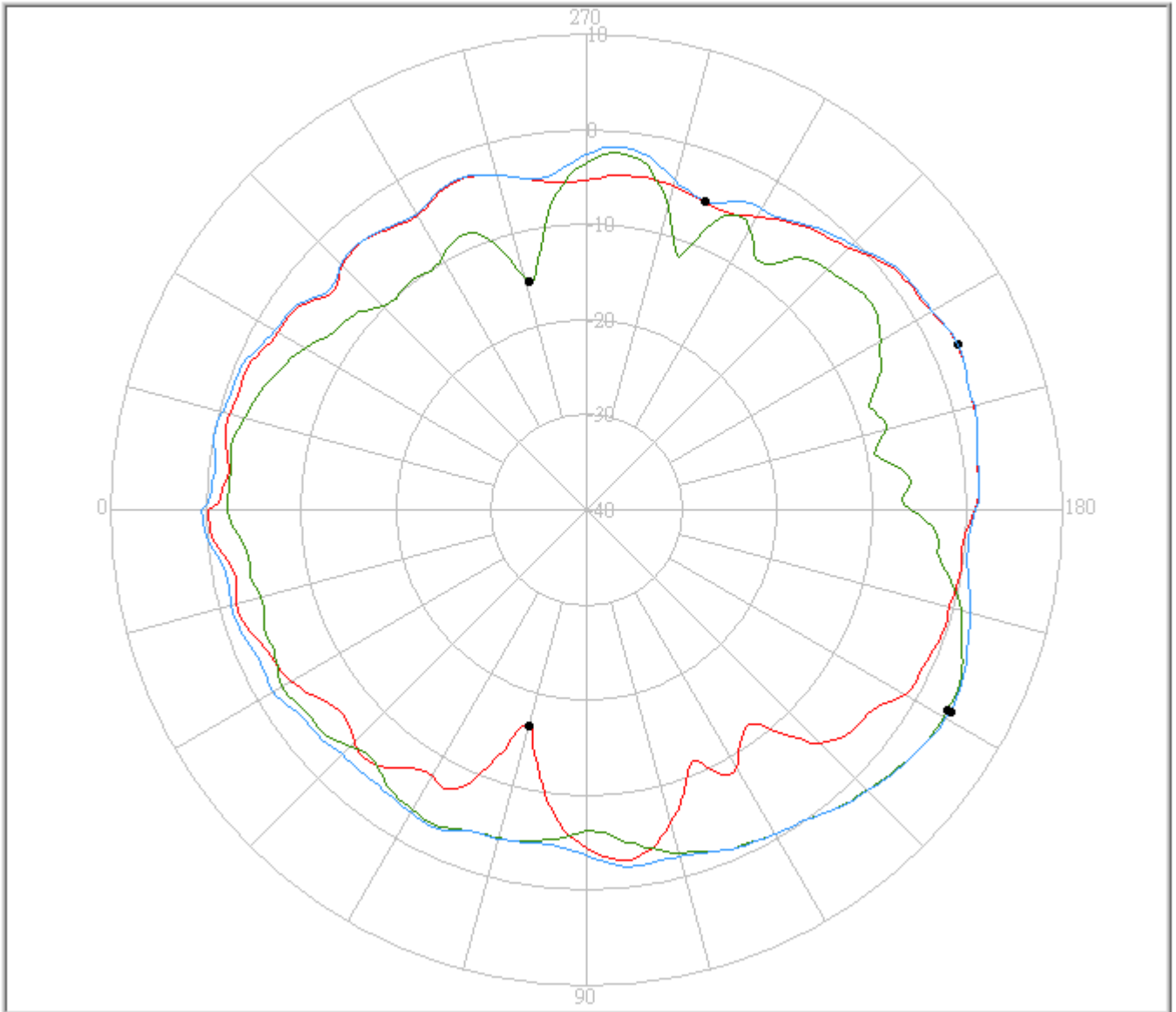
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Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KR2W	Left	5875.00	2.70 / 204.00	-16.50 / 75.00	-2.47	V+H	2005/8/10
2	KR2W	Right	5875.00	3.42 / 151.00	-15.28 / 284.00	-2.95	V+H	2005/8/10
3	KR2W	div	5875.00	3.67 / 151.00	-5.27 / 249.00	-0.72	Div.	2005/8/10