

EW-7899WTX Antenna

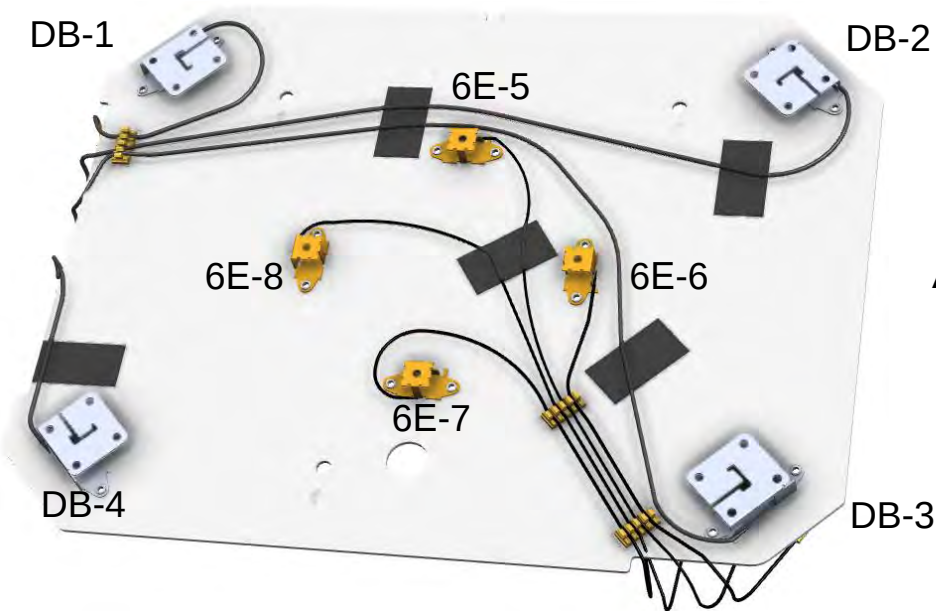
DB*4 (2.4G / 5GHz) + 6G*4

Updated Test Report

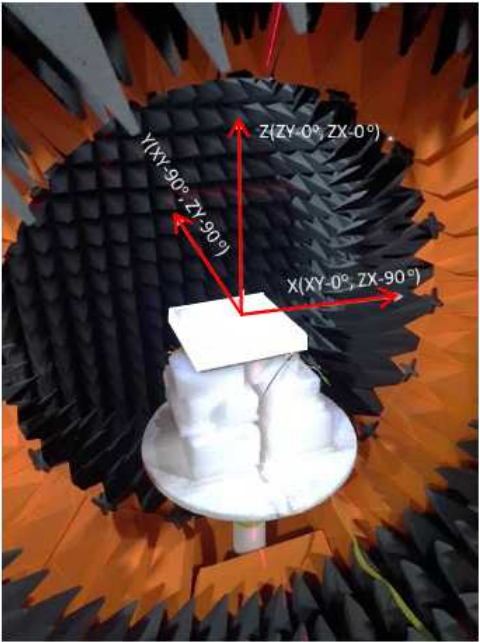
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EW-7899WTX Antenna DB*4 (2.4 / 5GHz)

Antenna type : PIFA



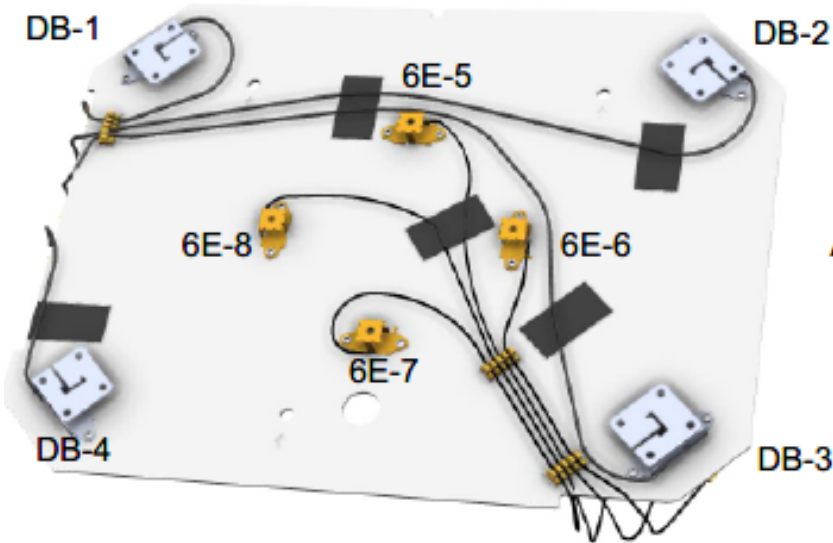
Antenna type : PIFA



Antenna Spec

DB*4 (2.4 / 5GHz)+6G*4

Antenna type : PIFA

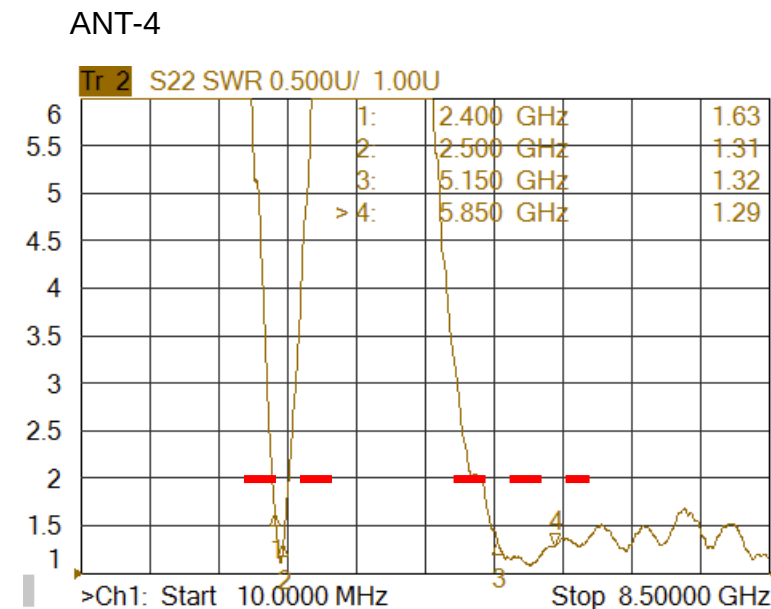
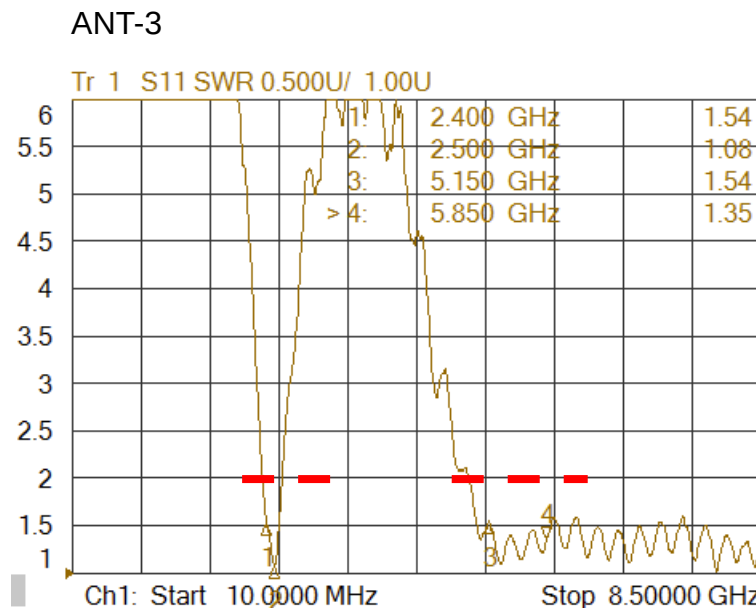
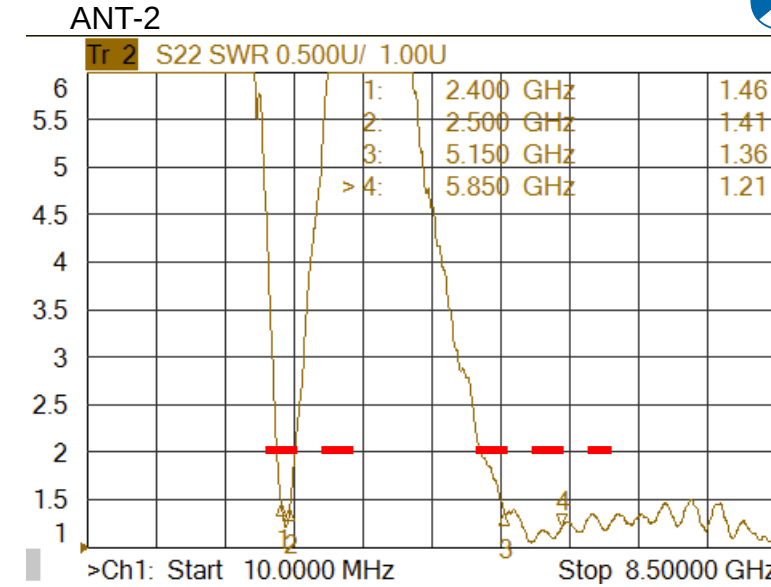
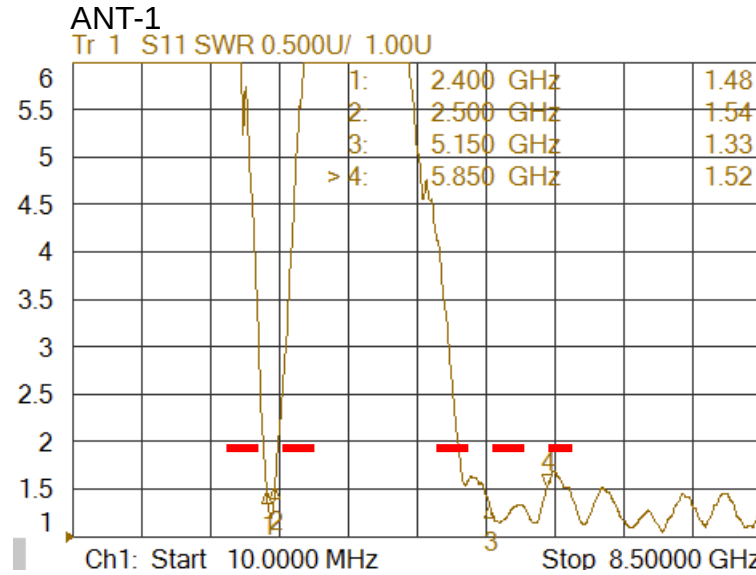


Specification

Specification												
Item	ANT-1		ANT-2		ANT-3		ANT-4		ANT-5	ANT-6	ANT-7	ANT-8
Frequency	2.4GHz	5GHz	2.4GHz	5GHz	2.4GHz	5GHz	2.4GHz	5GHz	6GHz	6GHz	6GHz	6GHz
Efficiency	62~65%	64~72%	61~67%	60~65%	60~64%	60~61%	64~69%	64~69%	64~71%	62~70%	60~66%	60~63%
Peak Gain	4.3~5.1 dBi	5.1~ 6.2 dBi	3.7~5.4 dBi	3.8~ 4.8 dBi	3.8~5.1 dBi	4.1~ 4.7 dBi	3.3~4.7 dBi	4.5~5.7 dBi	5.5~7.0 dBi	5.0~6.9 dBi	3.8~7.2 dBi	4.5~6.0 dBi
VSWR	2.0 max.:1											
Connector	MHF Plug For 1.13 CBL. Gold Plate								MHF Plug For 0.81 CBL. Gold Plate			
Cable	OD1.13 CBL.								OD0.81 CBL.			
CBL. Color	GRAY								Black			
Impedance	50 Ohms											

VSWR < 2.0 max.:1

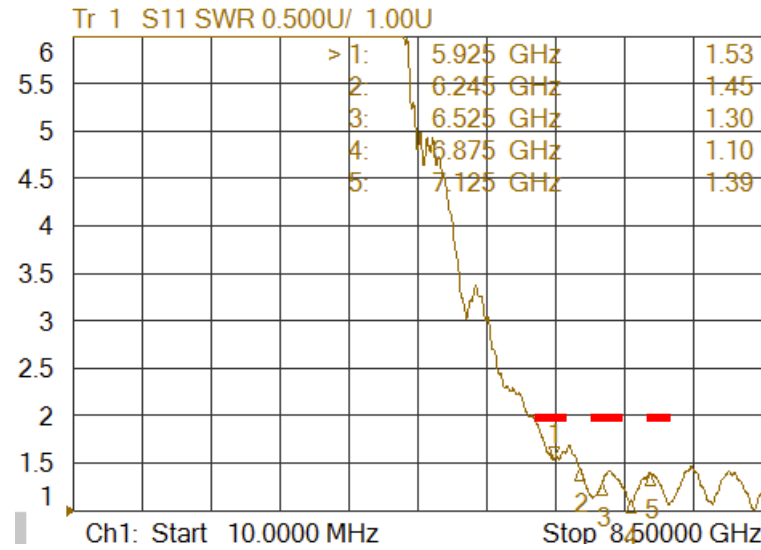
DB*4



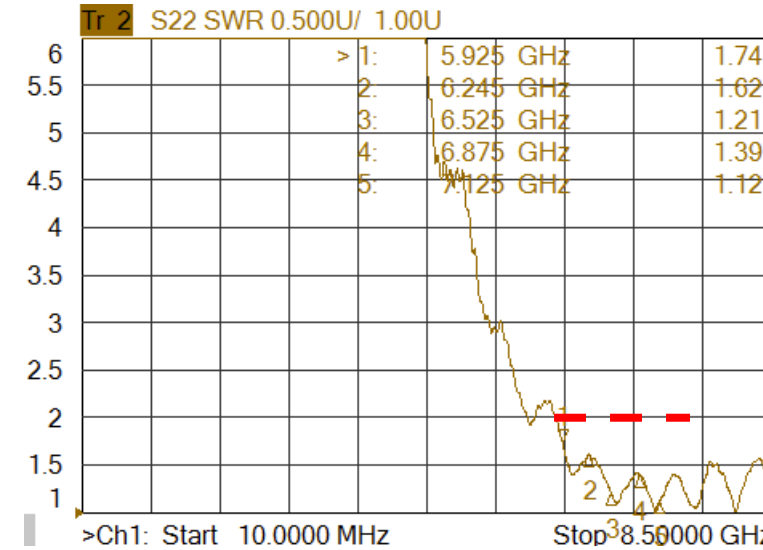
VSWR < 2.0 max.:1

6G*4

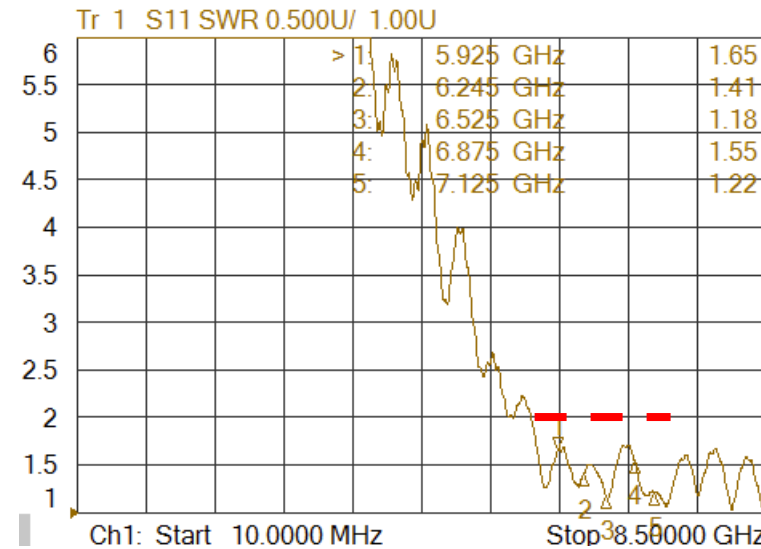
ANT-5



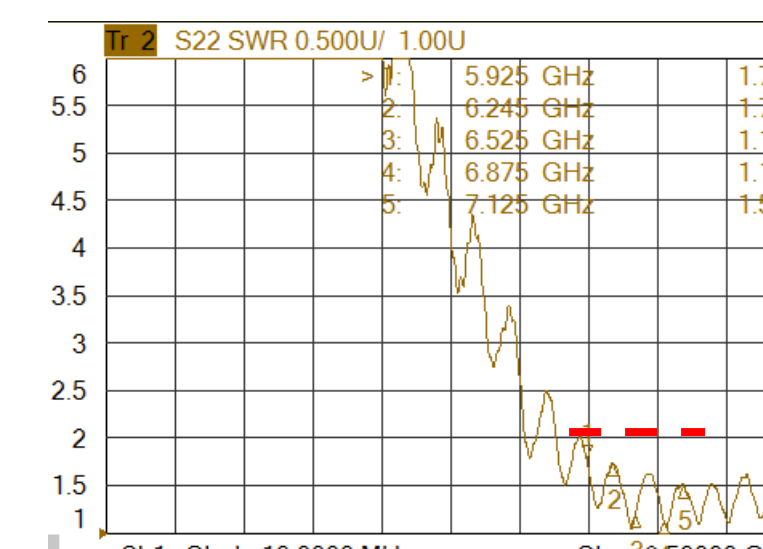
ANT-6



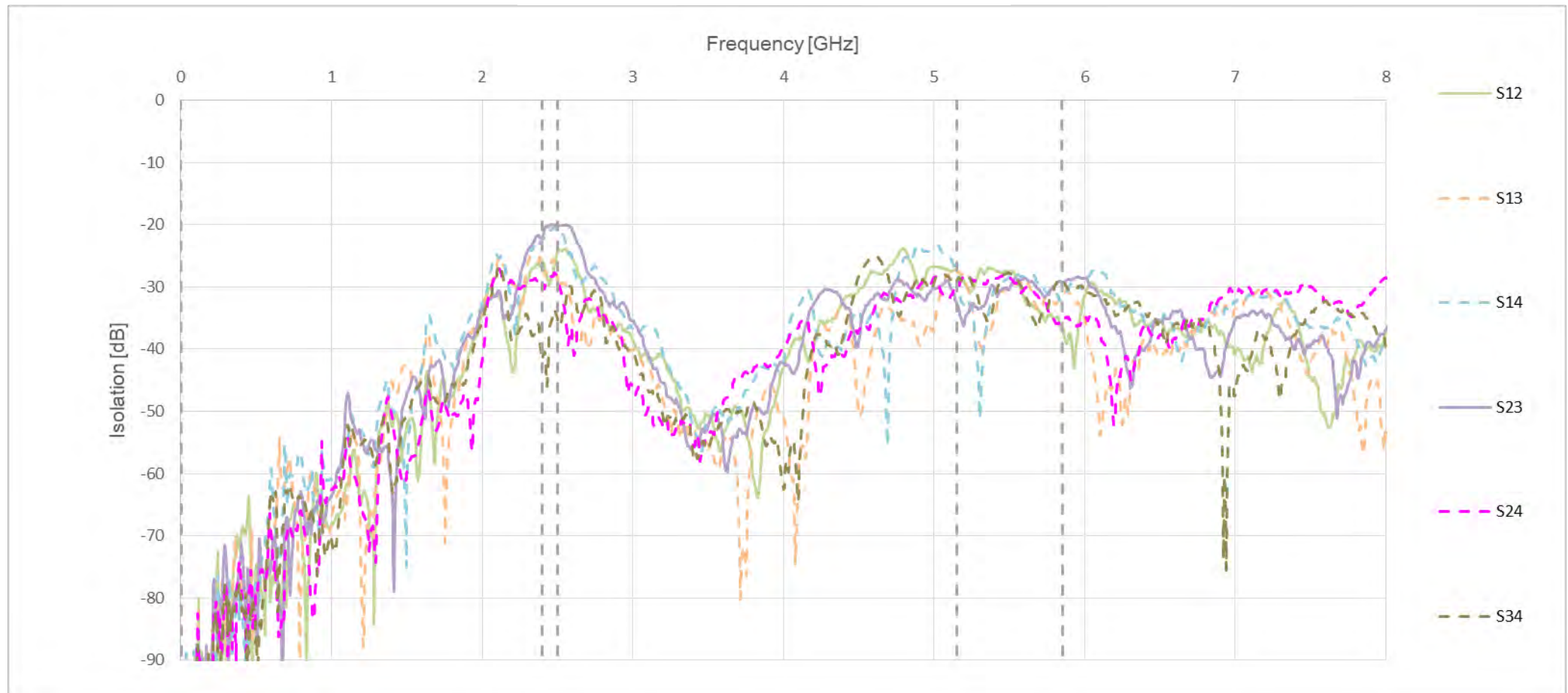
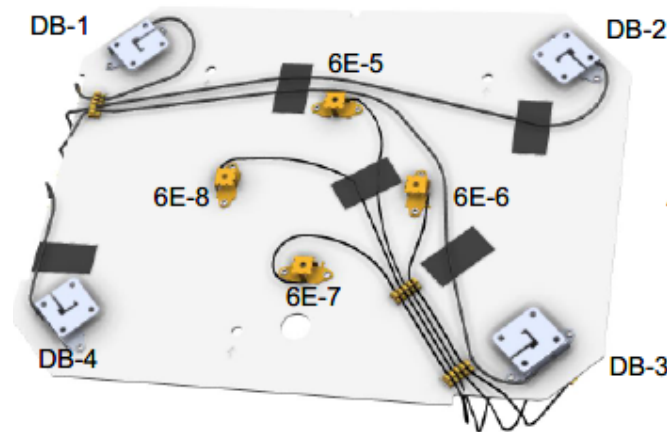
ANT-7



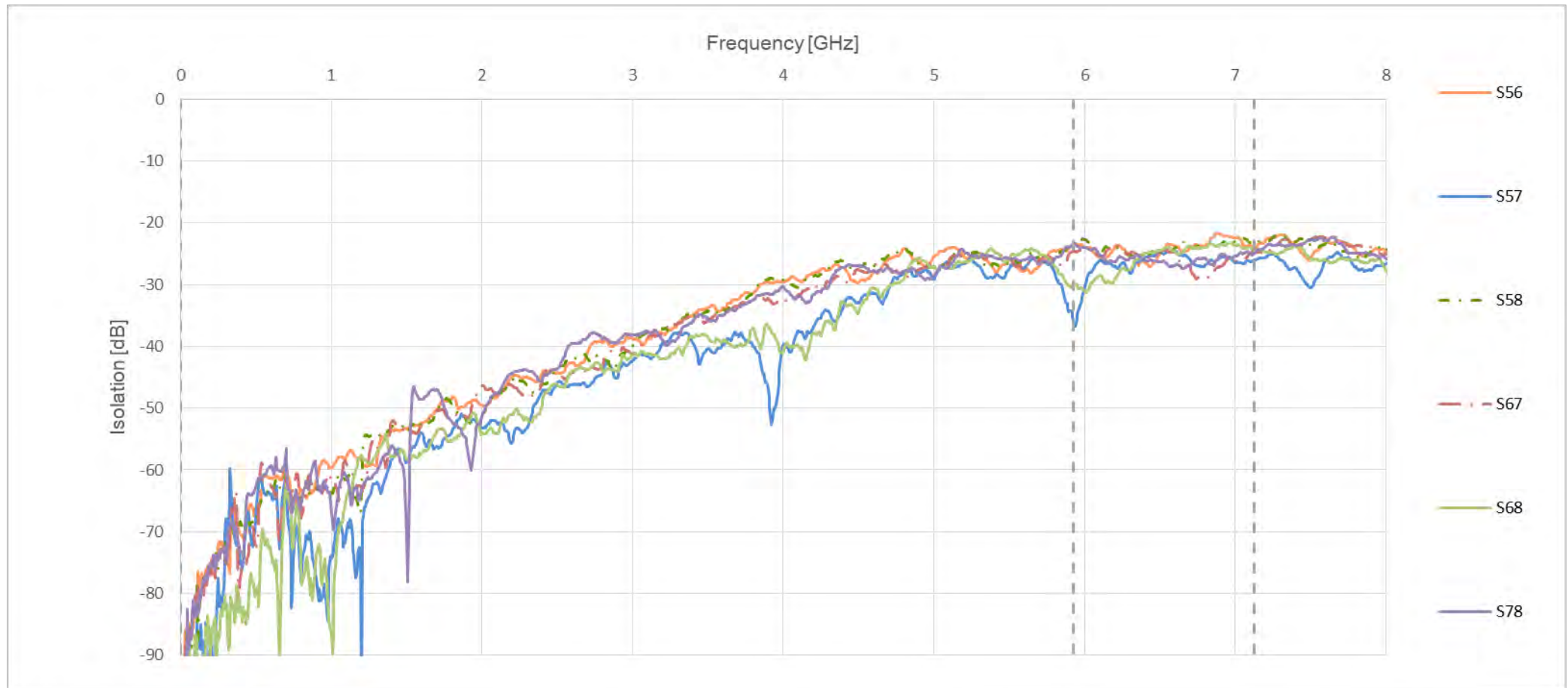
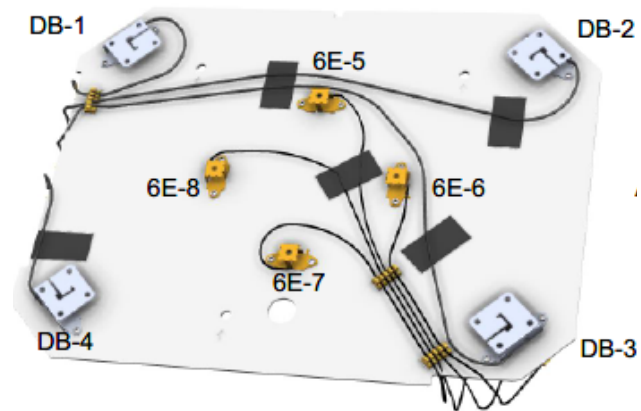
ANT-8



Isolation DB & DB
ANT1 vs 2~4
2.4GHz < -20 dB
5GHz < -26 dB



Isolation 6G & 6G ANT5 vs 6~8 $6\text{GHz} < -23\text{ dB}$

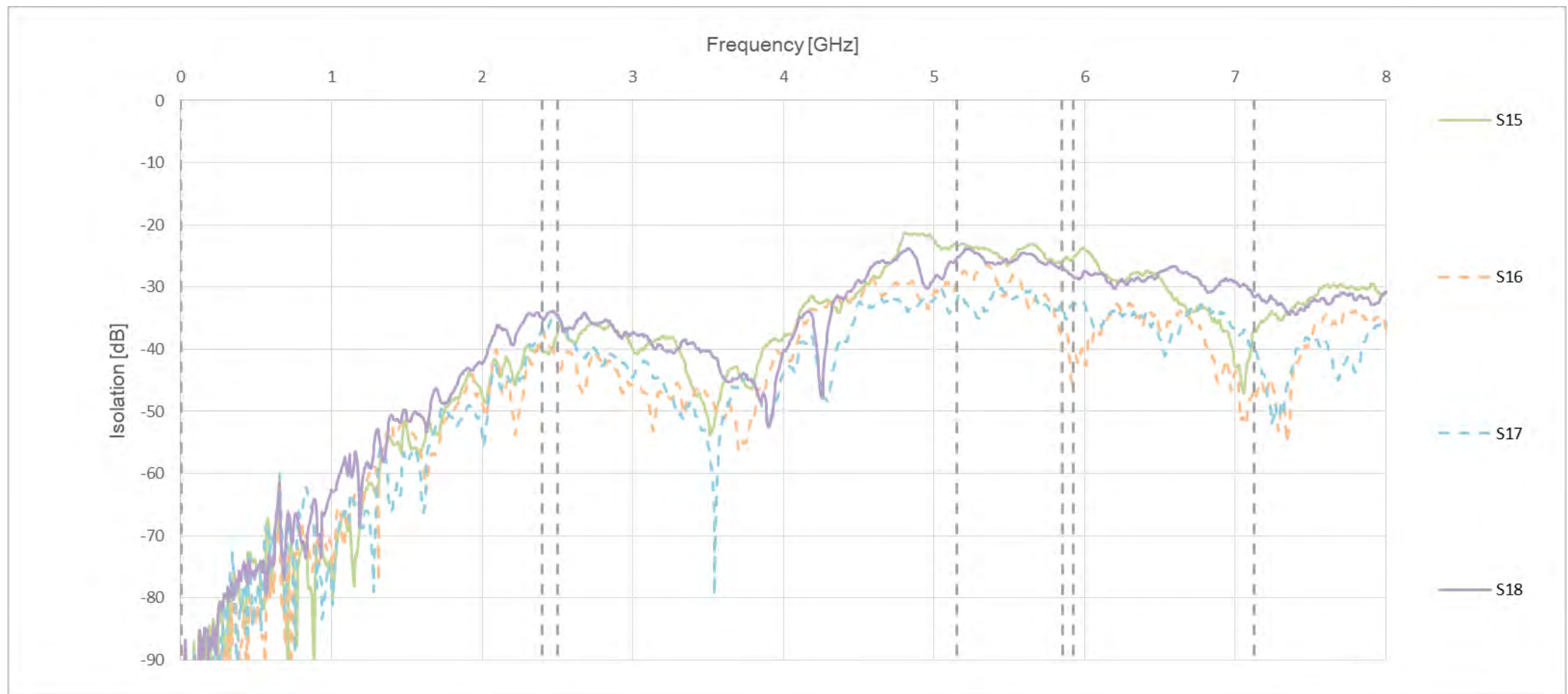
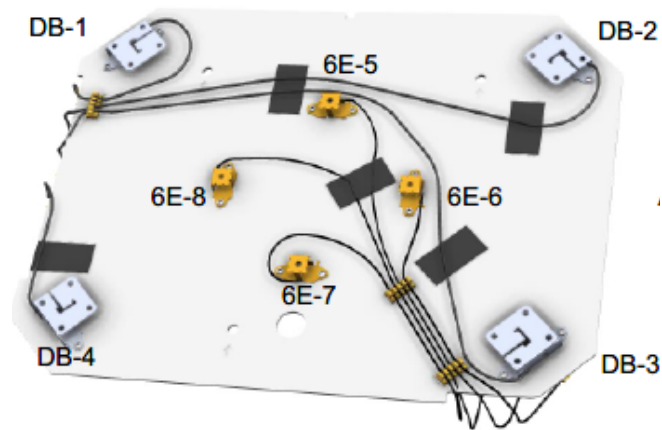


Isolation DB & 6G

ANT1 vs 5~8

5GHz < -25 dB

6GHz < -27 dB



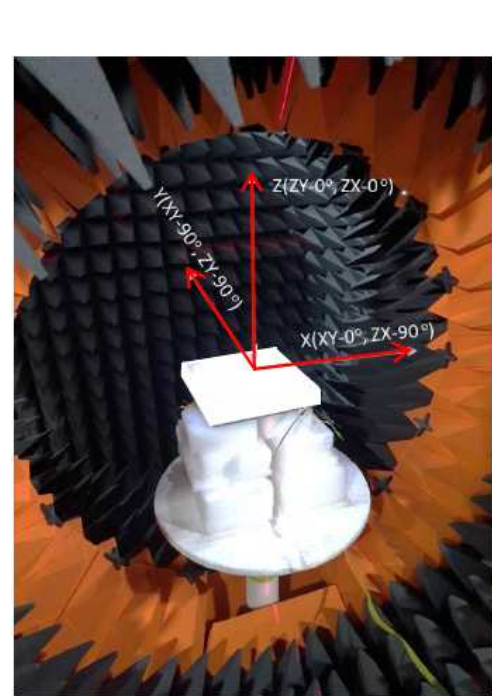
EW-7899WTX Antenna DB*4 (2.4G / 5GHz)

GAIN TABLE / PATTERN



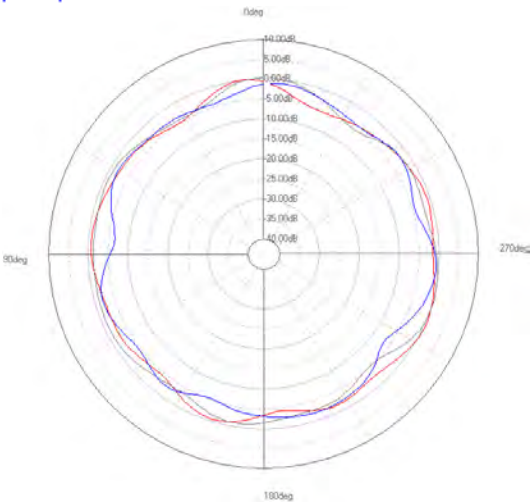
ANT1 - 2.4 / 5GHz

Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
2400	62%	-1.5	4.6	-2.0	-1.2	-0.8	0.5	3.3	4.0
2450	65%	-1.2	4.3	-1.9	-0.8	-0.6	0.3	3.7	4.0
2500	63%	-1.3	5.1	-3.1	-0.8	-1.3	-0.6	4.5	2.6
5150	69%	-1.6	5.3	-1.4	-2.0	-1.9	3.4	4.1	3.3
5350	72%	-1.4	5.7	-1.7	-2.3	-0.8	3.1	3.2	4.6
5500	64%	-2.0	6.0	-2.6	-3.7	-1.5	1.5	2.4	4.5
5675	66%	-1.8	6.2	-2.1	-2.3	-1.4	2.9	2.9	4.8
5850	64%	-1.9	5.1	-2.5	-2.6	-1.1	3.0	3.5	4.0

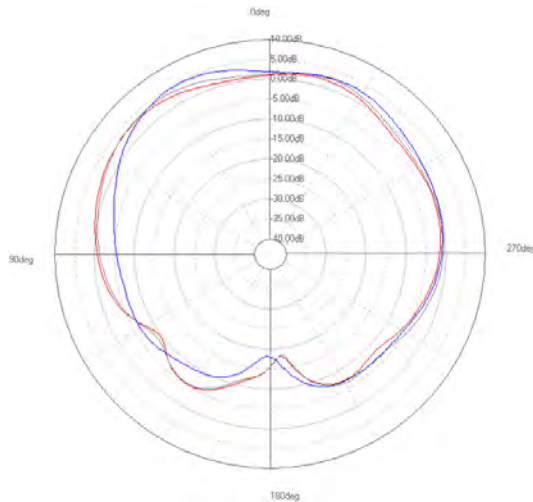


Legend
— 2400(MHz)
— 2450(MHz)
— 2500(MHz)

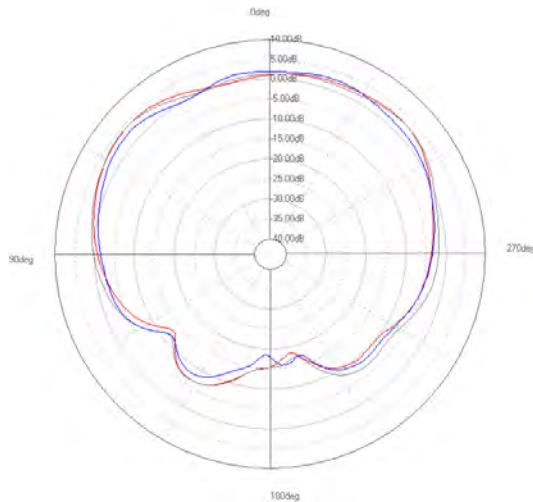
XY-plane



ZY-plane



ZX-plane



EW-7899WTX Antenna DB*4 (2.4G / 5GHz)

GAIN TABLE / PATTERN

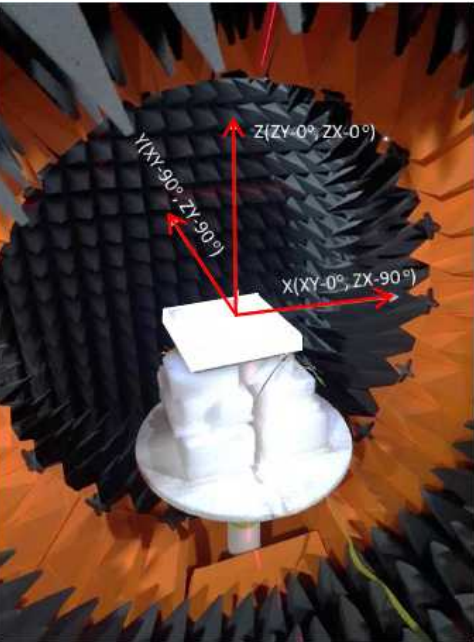


ANT1 - 2.4 / 5GHz

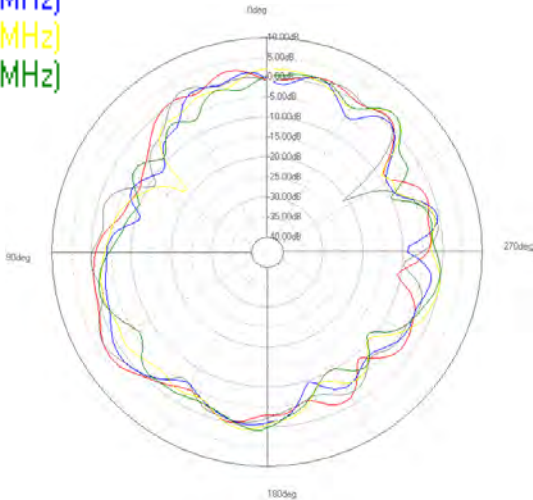
Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
2400	62%	-1.5	4.6	-2.0	-1.2	-0.8	0.5	3.3	4.0
2450	65%	-1.2	4.3	-1.9	-0.8	-0.6	0.3	3.7	4.0
2500	63%	-1.3	5.1	-3.1	-0.8	-1.3	-0.6	4.5	2.6
5150	69%	-1.6	5.3	-1.4	-2.0	-1.9	3.4	4.1	3.3
5350	72%	-1.4	5.7	-1.7	-2.3	-0.8	3.1	3.2	4.6
5500	64%	-2.0	6.0	-2.6	-3.7	-1.5	1.5	2.4	4.5
5675	66%	-1.8	6.2	-2.1	-2.3	-1.4	2.9	2.9	4.8
5850	64%	-1.9	5.1	-2.5	-2.6	-1.1	3.0	3.5	4.0

Legend

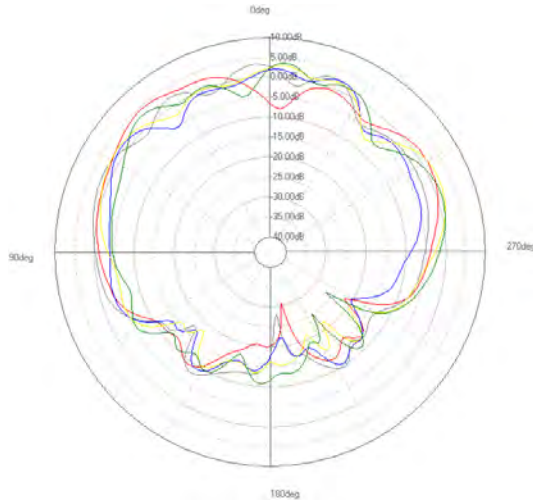
- 5150.00(MHz)
- 5325.00(MHz)
- 5500.00(MHz)
- 5675.00(MHz)
- 5850.00(MHz)



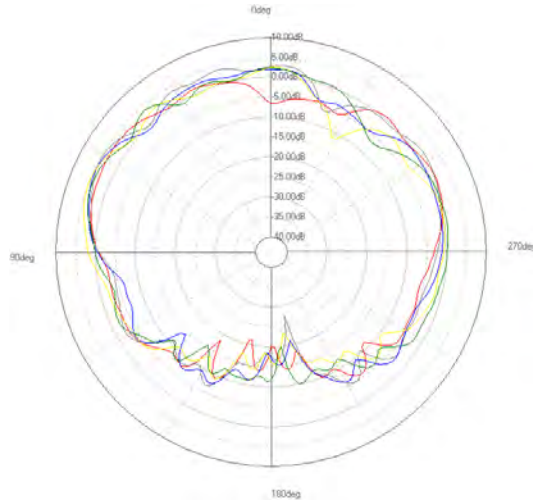
XY-plane



ZY-plane



ZX-plane



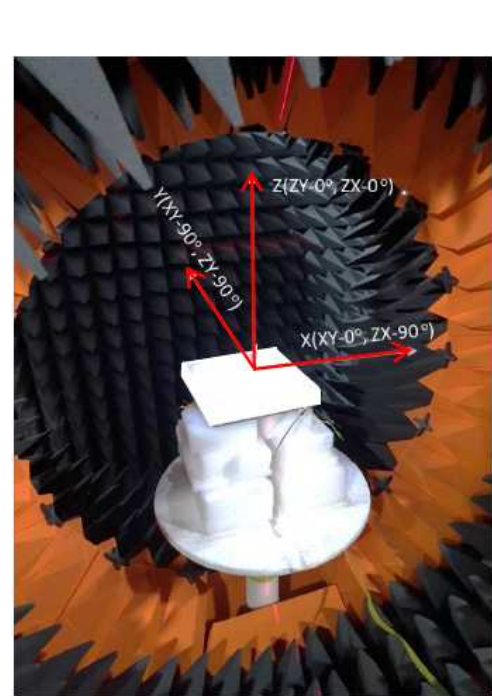
EW-7899WTX Antenna DB*4 (2.4G / 5GHz)

GAIN TABLE / PATTERN



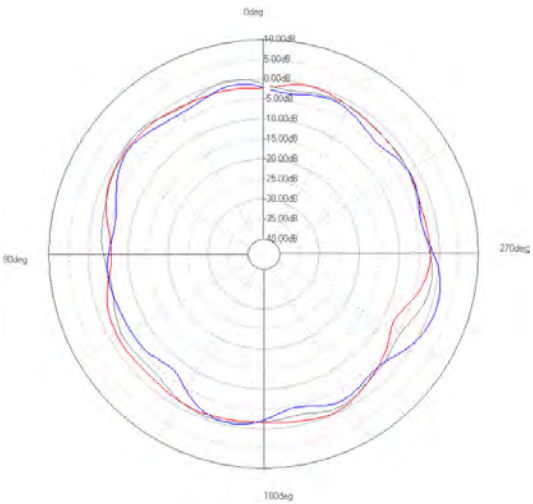
ANT2 - 2.4 / 5GHz

Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
2400	66%	-1.8	3.7	-2.1	-2.1	-2.8	-0.4	2.9	1.1
2450	67%	-1.7	4.5	-2.0	-2.1	-2.1	0.3	2.3	1.9
2500	61%	-2.2	5.4	-2.5	-2.7	-2.8	1.4	1.8	1.3
5150	60%	-2.2	4.8	-2.1	-3.0	-1.3	1.5	1.6	4.3
5350	65%	-1.8	3.9	-1.9	-2.4	-1.9	0.9	2.6	2.8
5500	61%	-2.2	4.1	-2.1	-2.3	-2.2	1.2	3.0	2.2
5675	62%	-2.1	4.2	-2.5	-1.8	-1.7	0.4	3.8	3.3
5850	61%	-2.2	3.8	-2.4	-1.9	-2.4	0.4	2.3	2.6

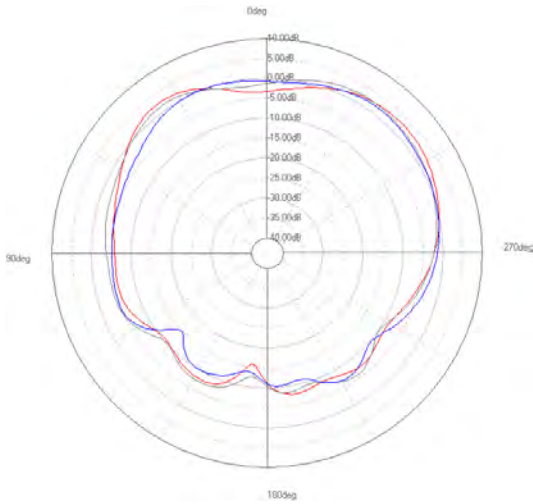


Legend
— 2400(MHz)
— 2450(MHz)
— 2500(MHz)

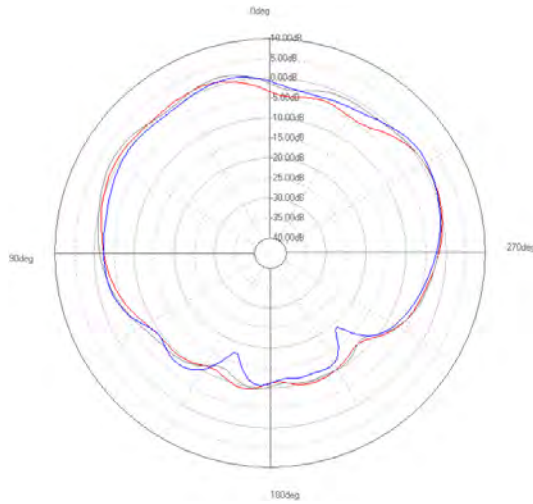
XY-plane



ZY-plane



ZX-plane



EW-7899WTX Antenna DB*4 (2.4G / 5GHz)

GAIN TABLE / PATTERN

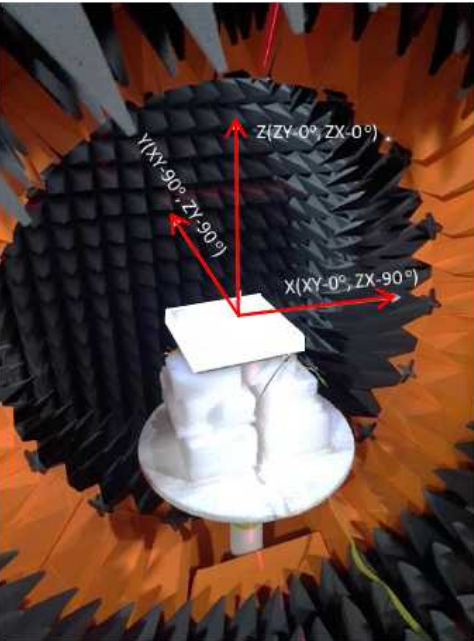


ANT2 - 2.4 / 5GHz

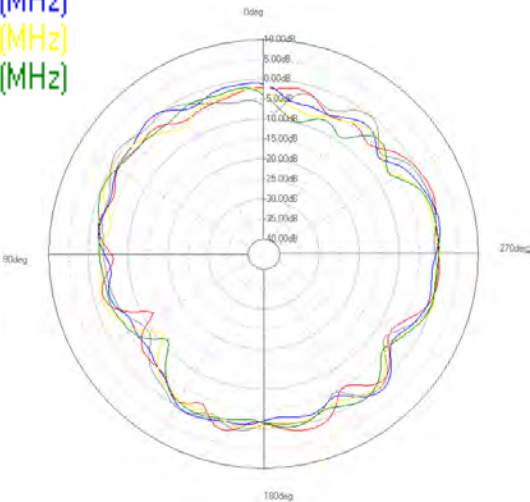
Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
2400	66%	-1.8	3.7	-2.1	-2.1	-2.8	-0.4	2.9	1.1
2450	67%	-1.7	4.5	-2.0	-2.1	-2.1	0.3	2.3	1.9
2500	61%	-2.2	5.4	-2.5	-2.7	-2.8	1.4	1.8	1.3
5150	60%	-2.2	4.8	-2.1	-3.0	-1.3	1.5	1.6	4.3
5350	65%	-1.8	3.9	-1.9	-2.4	-1.9	0.9	2.6	2.8
5500	61%	-2.2	4.1	-2.1	-2.3	-2.2	1.2	3.0	2.2
5675	62%	-2.1	4.2	-2.5	-1.8	-1.7	0.4	3.8	3.3
5850	61%	-2.2	3.8	-2.4	-1.9	-2.4	0.4	2.3	2.6

Legend

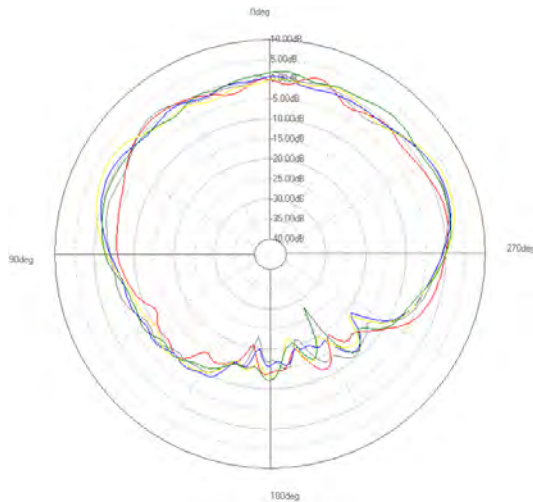
- 5150.00(MHz)
- 5325.00(MHz)
- 5500.00(MHz)
- 5675.00(MHz)
- 5850.00(MHz)



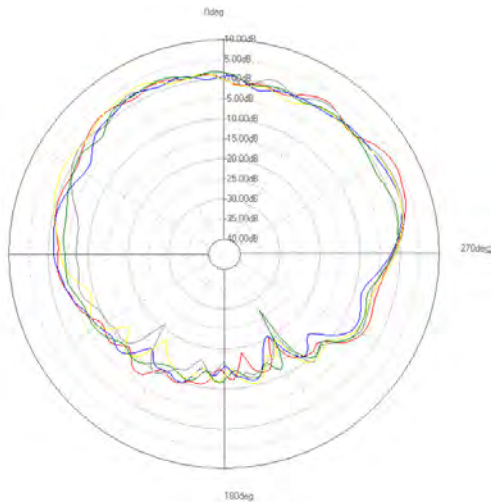
XY-plane



ZY-plane



ZX-plane



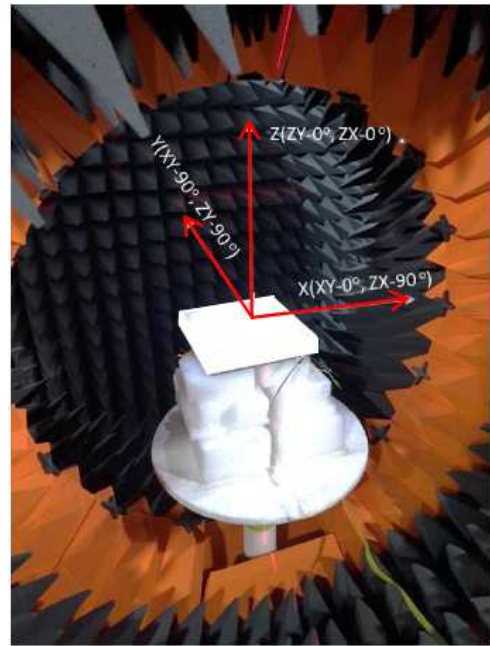
EW-7899WTX Antenna DB*4 (2.4G / 5GHz)

GAIN TABLE / PATTERN



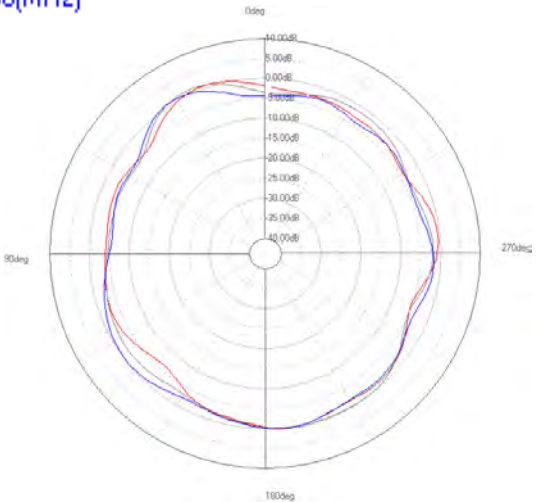
ANT3 - 2.4 / 5GHz

Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
2400	60%	-2.2	5.1	-2.3	-2.4	-1.5	0.7	2.4	4.5
2450	66%	-1.8	4.9	-2.0	-2.2	-1.9	1.1	2.7	4.4
2500	64%	-1.9	3.8	-2.2	-2.0	-2.1	0.7	1.5	3.6
5150	60%	-2.3	4.6	-2.0	-2.4	-3.4	2.3	3.8	2.7
5350	61%	-2.2	4.7	-1.8	-3.5	-1.9	2.9	2.1	4.1
5500	60%	-2.5	4.5	-2.3	-3.4	-2.6	2.2	2.6	3.1
5675	62%	-2.5	4.3	-2.8	-2.4	-2.2	1.9	2.7	3.2
5850	61%	-2.5	4.1	-2.7	-2.0	-2.3	1.6	3.3	1.9

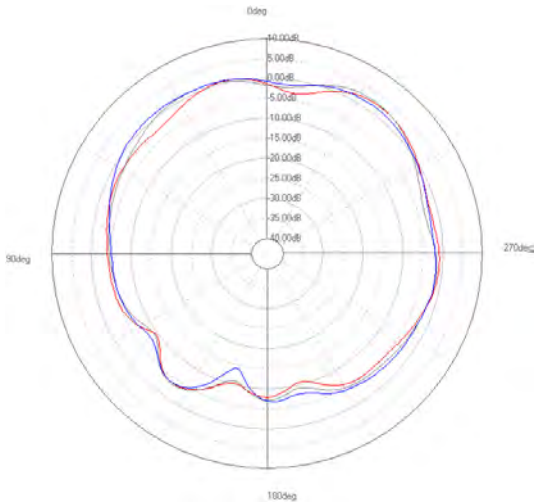


Legend
— 2400(MHz)
— 2450(MHz)
— 2500(MHz)

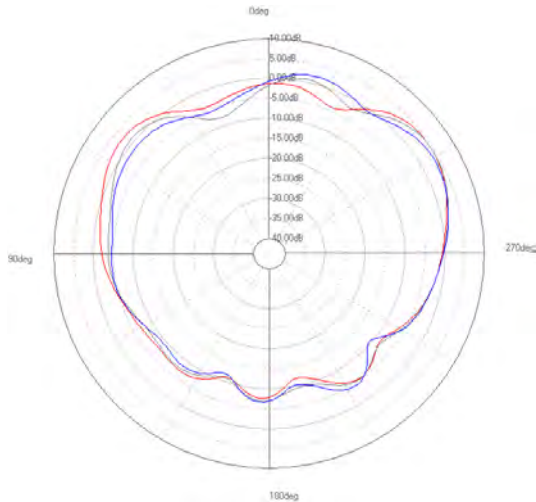
XY-plane



ZY-plane



ZX-plane



EW-7899WTX Antenna DB*4 (2.4G / 5GHz)

GAIN TABLE / PATTERN

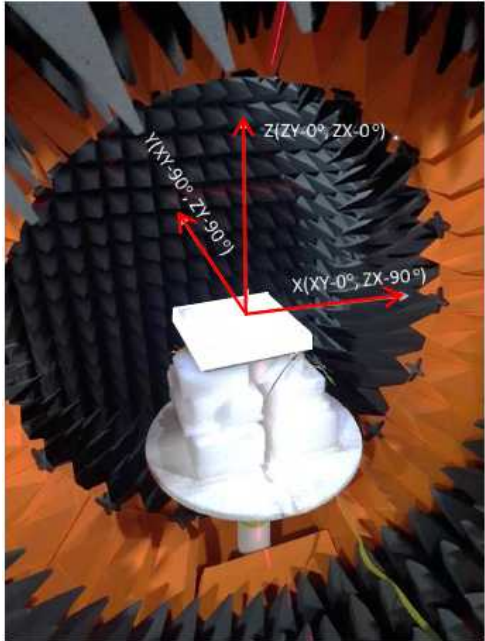


ANT3 - 2.4 / 5GHz

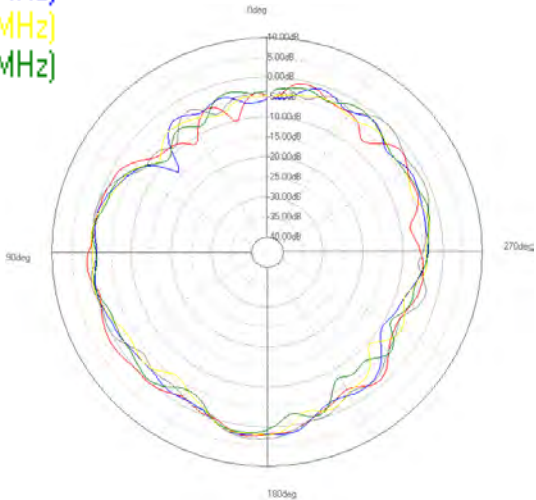
Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
2400	60%	-2.2	5.1	-2.3	-2.4	-1.5	0.7	2.4	4.5
2450	66%	-1.8	4.9	-2.0	-2.2	-1.9	1.1	2.7	4.4
2500	64%	-1.9	3.8	-2.2	-2.0	-2.1	0.7	1.5	3.6
5150	60%	-2.3	4.6	-2.0	-2.4	-3.4	2.3	3.8	2.7
5350	61%	-2.2	4.7	-1.8	-3.5	-1.9	2.9	2.1	4.1
5500	60%	-2.5	4.5	-2.3	-3.4	-2.6	2.2	2.6	3.1
5675	62%	-2.5	4.3	-2.8	-2.4	-2.2	1.9	2.7	3.2
5850	61%	-2.5	4.1	-2.7	-2.0	-2.3	1.6	3.3	1.9

Legend

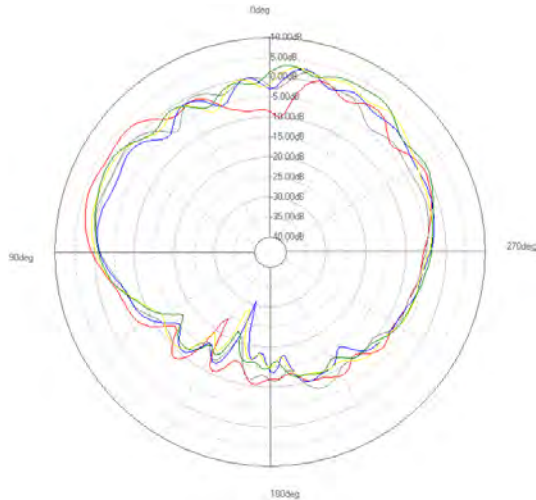
- 5150.00(MHz)
- 5325.00(MHz)
- 5500.00(MHz)
- 5675.00(MHz)
- 5850.00(MHz)



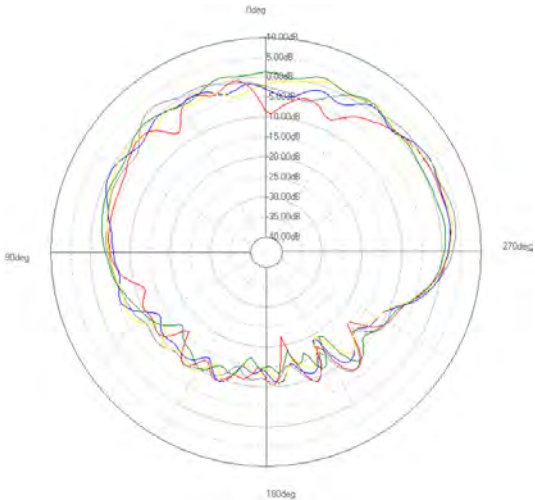
XY-plane



ZY-plane



ZX-plane



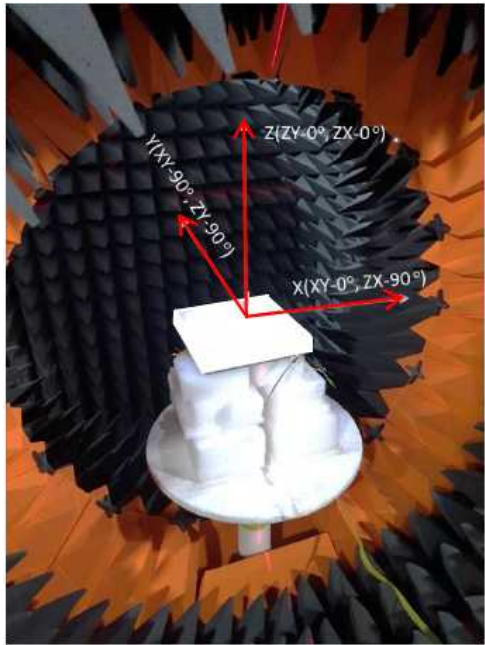
EW-7899WTX Antenna DB*4 (2.4G / 5GHz)

GAIN TABLE / PATTERN



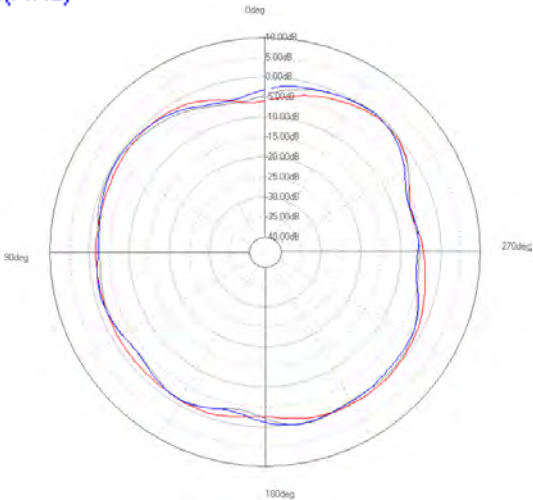
ANT4 - 2.4 / 5GHz

Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
2400	64%	-1.6	3.3	-1.9	-1.8	-1.9	0.0	2.0	3.3
2450	69%	-1.3	4.3	-2.0	-1.4	-1.5	0.5	3.4	3.3
2500	65%	-1.3	4.7	-1.9	-1.5	-1.4	0.2	3.2	3.3
5150	68%	-1.7	5.3	-1.3	-2.3	-1.9	3.0	4.2	2.7
5350	69%	-1.6	5.7	-1.5	-2.4	-1.2	2.4	3.6	3.6
5500	64%	-2.0	5.1	-2.2	-2.5	-2.0	2.1	3.4	3.0
5675	64%	-2.0	4.9	-2.6	-1.8	-1.4	1.7	4.4	3.4
5850	64%	-1.9	4.5	-2.3	-1.9	-1.6	0.7	3.2	4.2

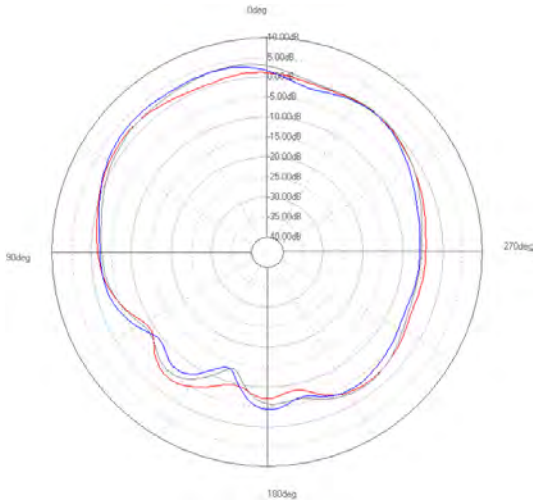


Legend
— 2400(MHz)
— 2450(MHz)
— 2500(MHz)

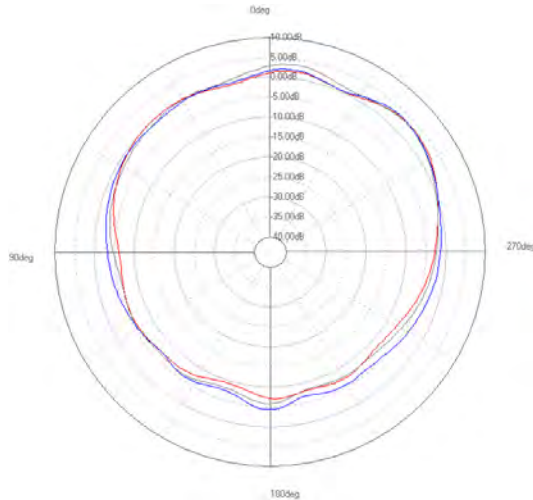
XY-plane



ZY-plane



ZX-plane



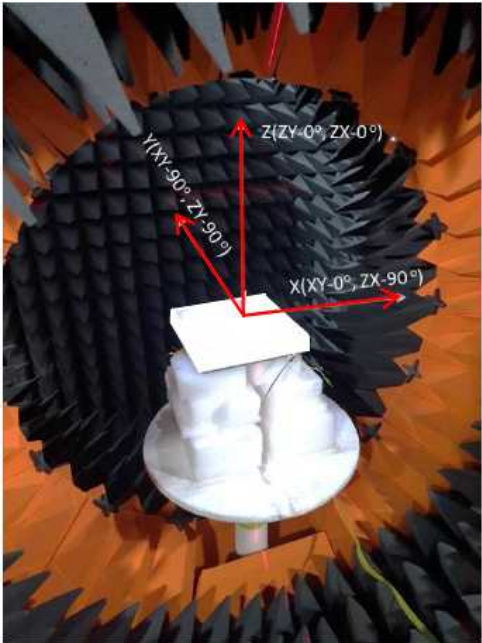
EW-7899WTX Antenna DB*4 (2.4G / 5GHz)

GAIN TABLE / PATTERN



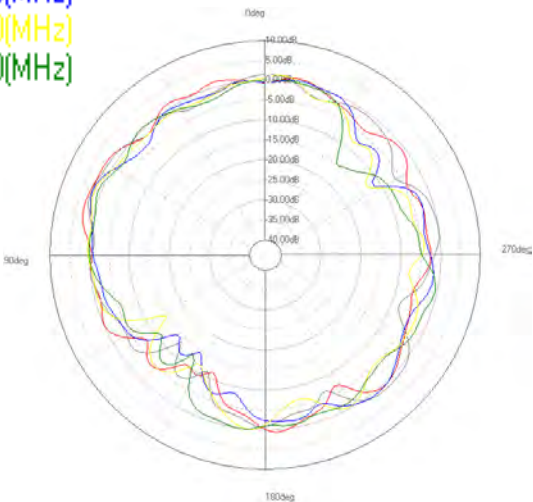
ANT4 - 2.4 / 5GHz

Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
2400	64%	-1.6	3.3	-1.9	-1.8	-1.9	0.0	2.0	3.3
2450	69%	-1.3	4.3	-2.0	-1.4	-1.5	0.5	3.4	3.3
2500	65%	-1.3	4.7	-1.9	-1.5	-1.4	0.2	3.2	3.3
5150	68%	-1.7	5.3	-1.3	-2.3	-1.9	3.0	4.2	2.7
5350	69%	-1.6	5.7	-1.5	-2.4	-1.2	2.4	3.6	3.6
5500	64%	-2.0	5.1	-2.2	-2.5	-2.0	2.1	3.4	3.0
5675	64%	-2.0	4.9	-2.6	-1.8	-1.4	1.7	4.4	3.4
5850	64%	-1.9	4.5	-2.3	-1.9	-1.6	0.7	3.2	4.2

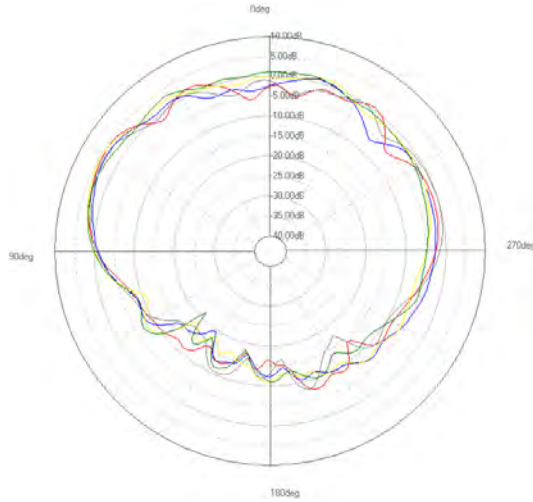


- Legend
- 5150.00(MHz)
 - 5325.00(MHz)
 - 5500.00(MHz)
 - 5675.00(MHz)
 - 5850.00(MHz)

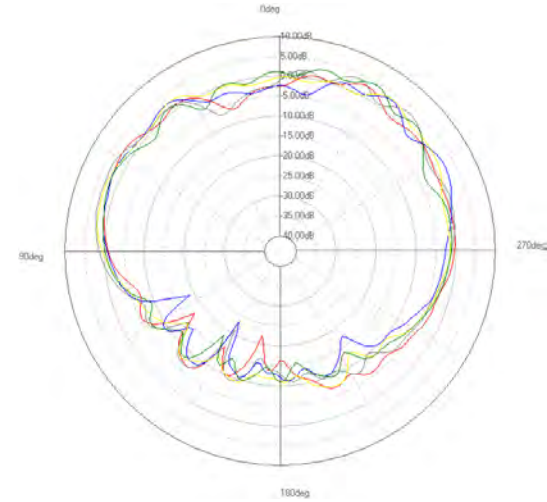
XY-plane



ZY-plane



ZX-plane



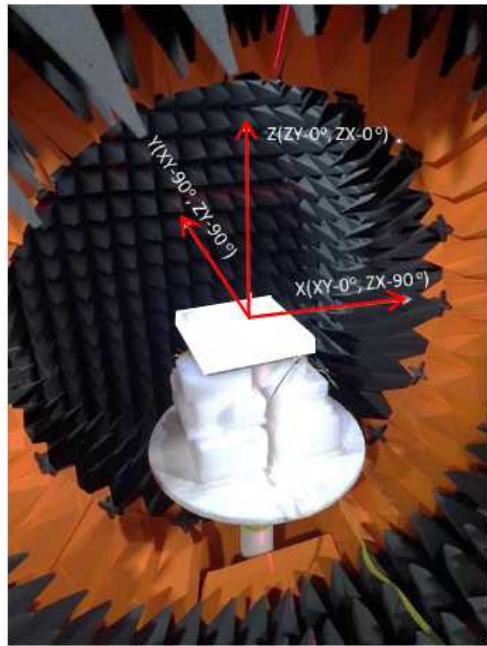
EW-7899WTX Antenna 6E (6GHz)

GAIN TABLE / PATTERN



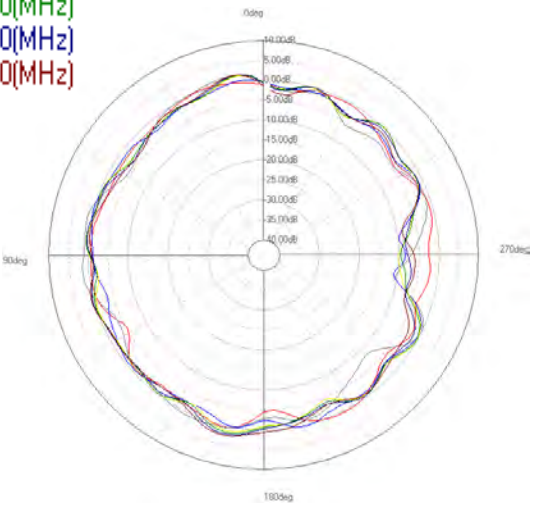
ANT5 - 6GHz

Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
5925	64%	-2.0	5.9	-1.5	-3.9	-4.9	0.3	1.9	0.0
6085	67%	-1.8	6.5	-1.6	-2.5	-3.4	1.6	4.7	3.6
6245	66%	-1.8	5.6	-1.8	-3.4	-2.6	0.2	3.6	4.1
6405	67%	-1.7	5.5	-1.5	-2.5	-3.0	1.3	5.2	4.9
6425	68%	-1.7	5.7	-1.4	-2.3	-3.0	1.6	5.6	4.7
6465	67%	-1.7	6.1	-1.4	-2.1	-2.8	1.9	6.1	4.1
6525	68%	-1.7	6.9	-1.5	-1.9	-2.3	2.3	6.6	3.6
6645	68%	-1.7	7.0	-1.5	-2.2	-1.8	1.7	6.8	4.6
6795	70%	-1.6	6.3	-1.2	-2.4	-2.3	1.5	6.1	4.7
6875	71%	-1.5	6.4	-1.1	-1.9	-2.1	1.7	6.2	4.4
6975	69%	-1.6	6.4	-1.6	-1.7	-1.6	0.9	6.2	5.7
7095	68%	-1.7	5.6	-1.4	-2.3	-2.1	0.8	5.0	4.8
7125	67%	-1.8	5.7	-1.4	-2.3	-2.2	1.0	4.8	4.2

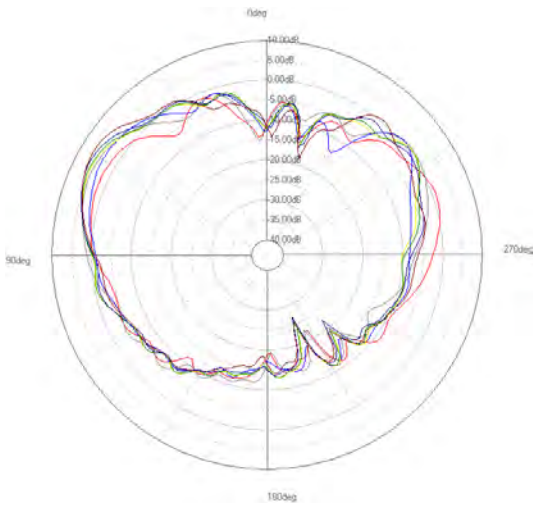


- Legend
- 5925.00(MHz)
 - 6085.00(MHz)
 - 6245.00(MHz)
 - 6405.00(MHz)
 - 6425.00(MHz)
 - 6465.00(MHz)
 - 6525.00(MHz)

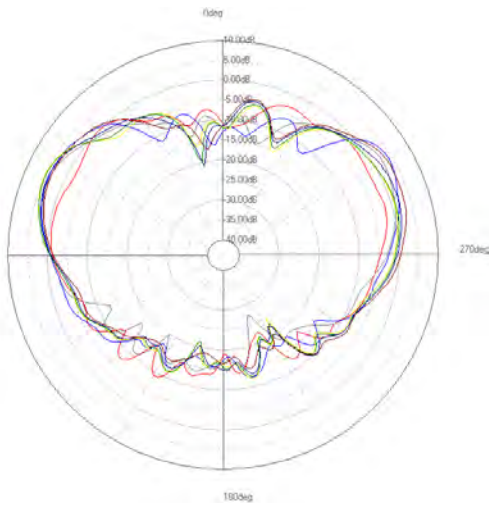
XY-plane



ZY-plane



ZX-plane



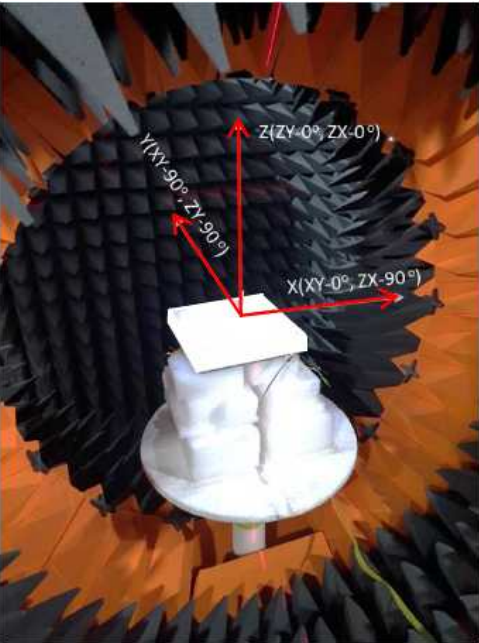
EW-7899WTX Antenna 6E (6GHz)

GAIN TABLE / PATTERN



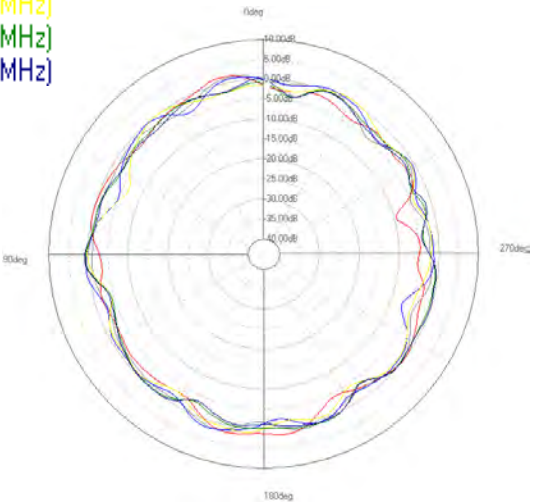
ANT5 - 6GHz

Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
5925	64%	-2.0	5.9	-1.5	-3.9	-4.9	0.3	1.9	0.0
6085	67%	-1.8	6.5	-1.6	-2.5	-3.4	1.6	4.7	3.6
6245	66%	-1.8	5.6	-1.8	-3.4	-2.6	0.2	3.6	4.1
6405	67%	-1.7	5.5	-1.5	-2.5	-3.0	1.3	5.2	4.9
6425	68%	-1.7	5.7	-1.4	-2.3	-3.0	1.6	5.6	4.7
6465	67%	-1.7	6.1	-1.4	-2.1	-2.8	1.9	6.1	4.1
6525	68%	-1.7	6.9	-1.5	-1.9	-2.3	2.3	6.6	3.6
6645	68%	-1.7	7.0	-1.5	-2.2	-1.8	1.7	6.8	4.6
6795	70%	-1.6	6.3	-1.2	-2.4	-2.3	1.5	6.1	4.7
6875	71%	-1.5	6.4	-1.1	-1.9	-2.1	1.7	6.2	4.4
6975	69%	-1.6	6.4	-1.6	-1.7	-1.6	0.9	6.2	5.7
7095	68%	-1.7	5.6	-1.4	-2.3	-2.1	0.8	5.0	4.8
7125	67%	-1.8	5.7	-1.4	-2.3	-2.2	1.0	4.8	4.2

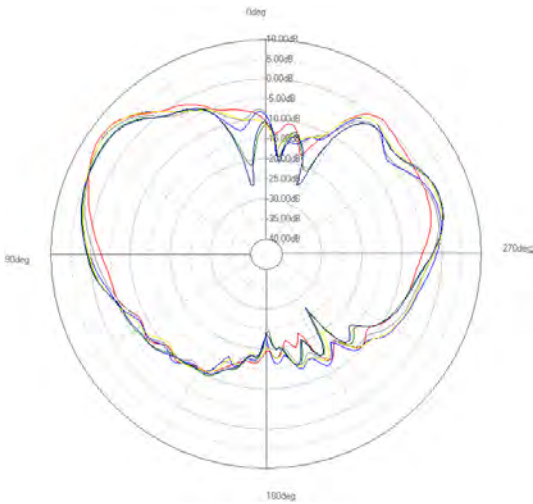


- Legend
- 6645.00(MHz)
 - 6795.00(MHz)
 - 6875.00(MHz)
 - 6975.00(MHz)
 - 7095.00(MHz)
 - 7125.00(MHz)

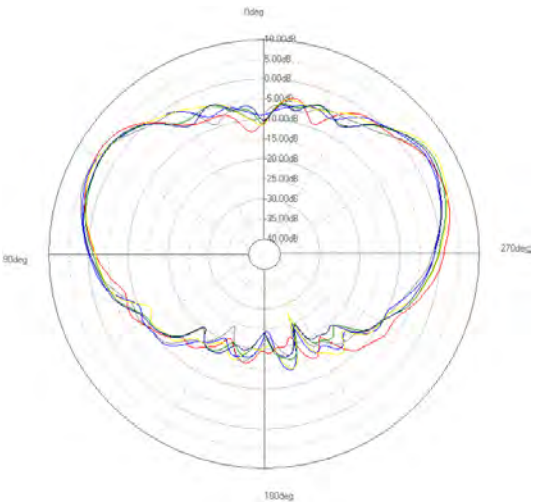
XY-plane



ZY-plane



ZX-plane



EW-7899WTX Antenna 6E (6GHz)

GAIN TABLE / PATTERN

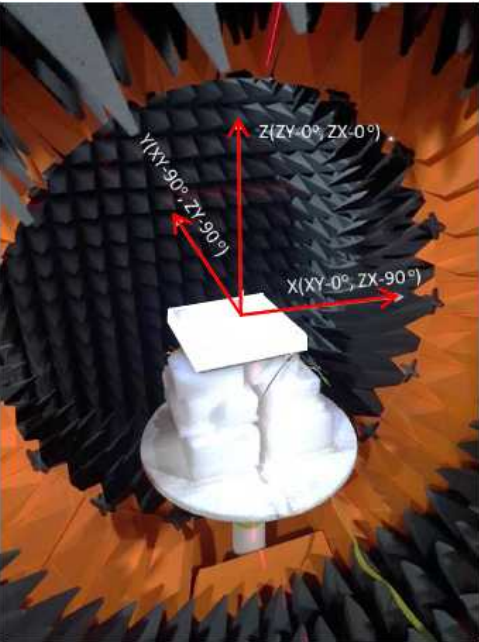


ANT6 - 6GHz

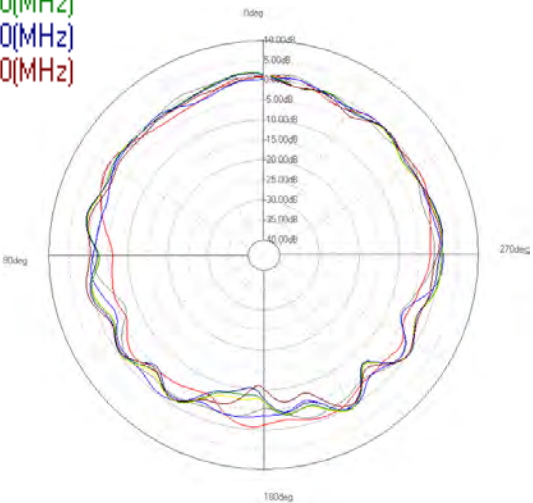
Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
5925	62%	-2.1	5.1	-1.9	-3.6	-2.2	0.9	4.1	4.1
6085	69%	-1.6	5.7	-1.5	-3.4	-2.4	1.5	3.0	5.4
6245	67%	-1.7	5.4	-1.3	-2.5	-2.5	1.1	4.3	5.4
6405	68%	-1.7	6.5	-1.0	-3.0	-2.7	1.8	3.8	5.5
6425	69%	-1.6	6.6	-1.0	-2.9	-2.5	1.9	3.8	5.9
6465	68%	-1.6	6.9	-1.1	-2.4	-2.2	1.6	3.9	6.6
6525	68%	-1.7	6.8	-1.4	-1.8	-2.3	1.3	4.5	6.8
6645	70%	-1.5	6.1	-1.1	-2.2	-3.0	1.9	4.6	5.0
6795	69%	-1.6	6.1	-1.1	-3.2	-2.2	2.0	4.3	6.1
6875	69%	-1.6	6.5	-1.4	-1.9	-2.1	1.6	5.2	6.5
6975	70%	-1.6	6.9	-1.4	-1.2	-2.4	1.9	6.5	5.6
7095	69%	-1.6	5.2	-1.0	-2.3	-2.9	2.2	4.5	4.1
7125	70%	-1.6	5.0	-0.8	-2.1	-3.0	2.4	4.3	4.0

Legend

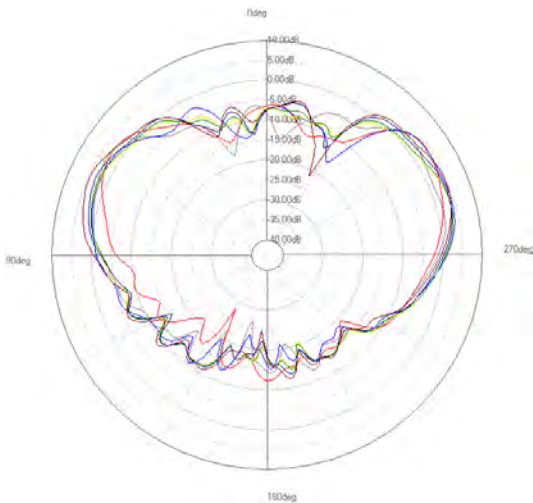
- 5925.00(MHz)
- 6085.00(MHz)
- 6245.00(MHz)
- 6405.00(MHz)
- 6425.00(MHz)
- 6465.00(MHz)
- 6525.00(MHz)



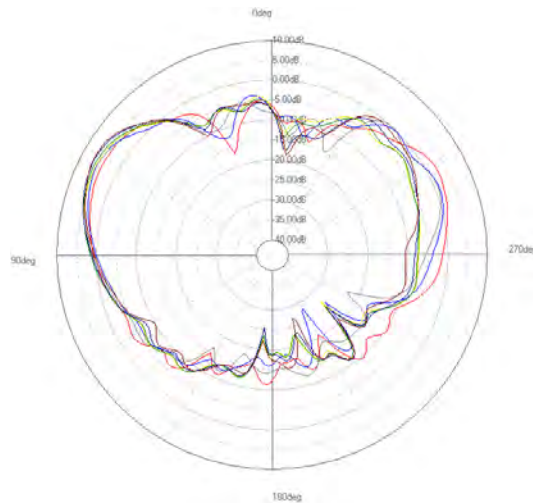
XY-plane



ZY-plane



ZX-plane



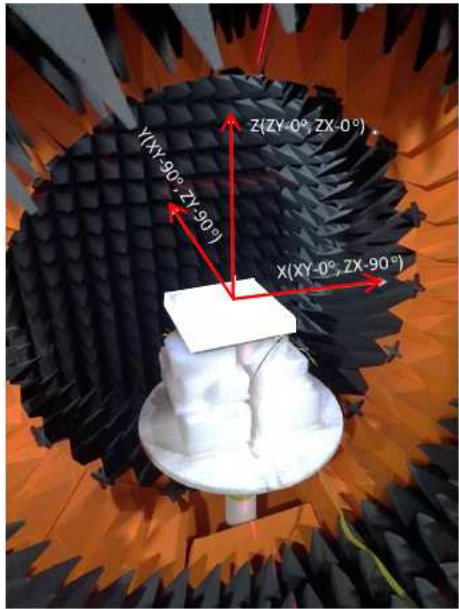
EW-7899WTX Antenna 6E (6GHz)

GAIN TABLE / PATTERN



ANT6 - 6GHz

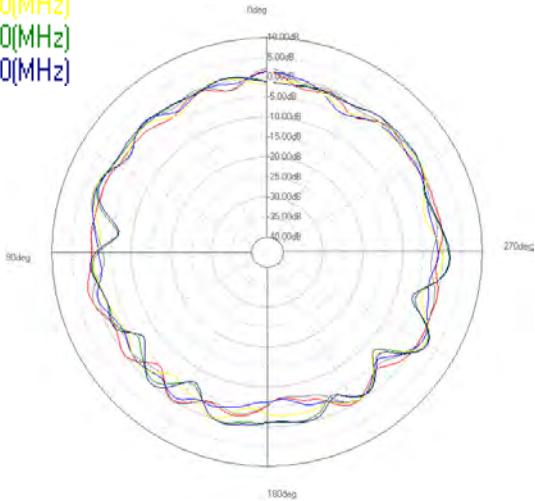
Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
5925	62%	-2.1	5.1	-1.9	-3.6	-2.2	0.9	4.1	4.1
6085	69%	-1.6	5.7	-1.5	-3.4	-2.4	1.5	3.0	5.4
6245	67%	-1.7	5.4	-1.3	-2.5	-2.5	1.1	4.3	5.4
6405	68%	-1.7	6.5	-1.0	-3.0	-2.7	1.8	3.8	5.5
6425	69%	-1.6	6.6	-1.0	-2.9	-2.5	1.9	3.8	5.9
6465	68%	-1.6	6.9	-1.1	-2.4	-2.2	1.6	3.9	6.6
6525	68%	-1.7	6.8	-1.4	-1.8	-2.3	1.3	4.5	6.8
6645	70%	-1.5	6.1	-1.1	-2.2	-3.0	1.9	4.6	5.0
6795	69%	-1.6	6.1	-1.1	-3.2	-2.2	2.0	4.3	6.1
6875	69%	-1.6	6.5	-1.4	-1.9	-2.1	1.6	5.2	6.5
6975	70%	-1.6	6.9	-1.4	-1.2	-2.4	1.9	6.5	5.6
7095	69%	-1.6	5.2	-1.0	-2.3	-2.9	2.2	4.5	4.1
7125	70%	-1.6	5.0	-0.8	-2.1	-3.0	2.4	4.3	4.0



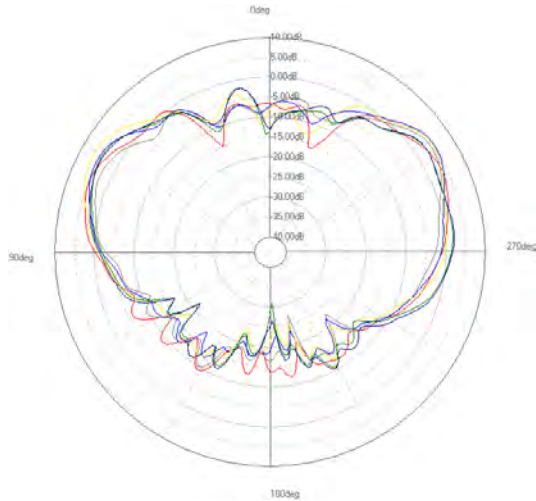
Legend

- 6645.00(MHz)
- 6795.00(MHz)
- 6875.00(MHz)
- 6975.00(MHz)
- 7095.00(MHz)
- 7125.00(MHz)

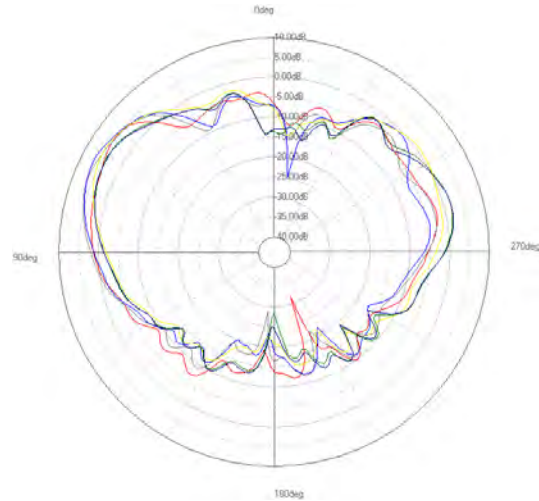
XY-plane



ZY-plane



ZX-plane



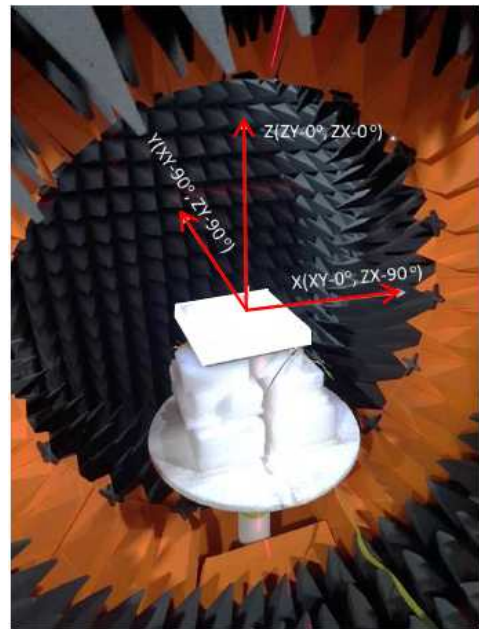
EW-7899WTX Antenna 6E (6GHz)

GAIN TABLE / PATTERN



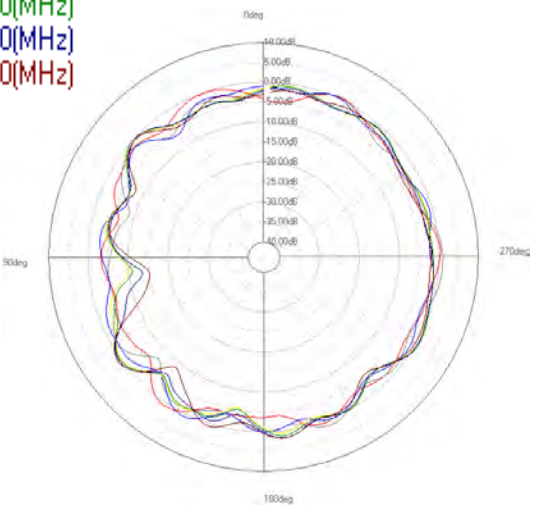
ANT7 - 6GHz

Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
5925	60%	-2.2	4.0	-2.2	-4.6	-5.1	0.9	2.6	1.6
6085	63%	-2.0	4.6	-2.1	-3.0	-3.0	1.3	4.3	3.3
6245	61%	-2.1	3.8	-2.1	-3.7	-3.3	0.8	2.5	2.4
6405	62%	-2.1	5.6	-2.1	-3.5	-3.8	0.6	5.6	2.3
6425	62%	-2.1	6.0	-2.0	-3.3	-3.6	1.1	5.9	2.5
6465	63%	-2.0	6.7	-2.2	-2.8	-3.2	1.6	6.5	2.7
6525	63%	-2.0	7.2	-2.4	-2.5	-2.9	1.7	7.1	3.2
6645	62%	-2.1	6.2	-2.4	-2.8	-3.3	2.6	6.2	4.0
6795	61%	-2.1	5.3	-2.2	-3.4	-3.5	2.0	5.2	3.4
6875	63%	-2.0	5.8	-2.3	-3.5	-2.9	1.3	5.5	4.0
6975	66%	-1.8	5.2	-2.3	-3.4	-2.2	0.9	4.7	4.8
7095	63%	-2.0	5.1	-2.3	-2.9	-2.9	0.9	4.4	3.6
7125	63%	-2.0	5.1	-2.2	-2.7	-2.9	0.6	4.8	3.4

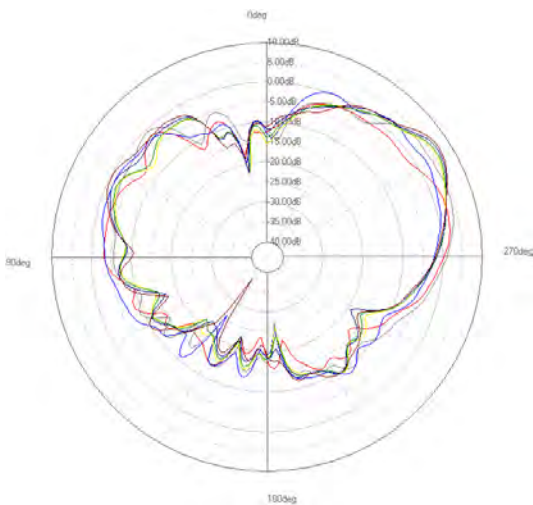


- Legend
- 5925.00(MHz)
 - 6085.00(MHz)
 - 6245.00(MHz)
 - 6405.00(MHz)
 - 6425.00(MHz)
 - 6465.00(MHz)
 - 6525.00(MHz)

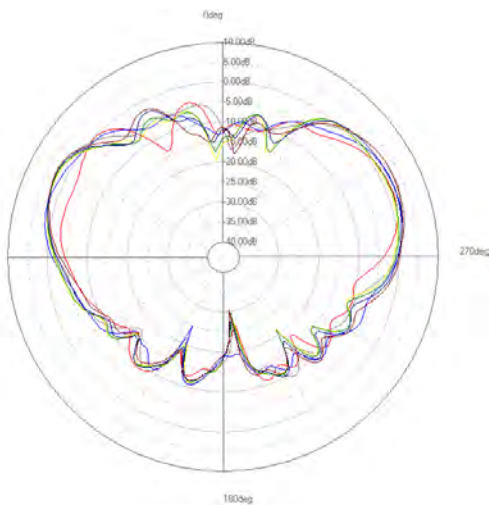
XY-plane



ZY-plane



ZX-plane



EW-7899WTX Antenna 6E (6GHz)

GAIN TABLE / PATTERN

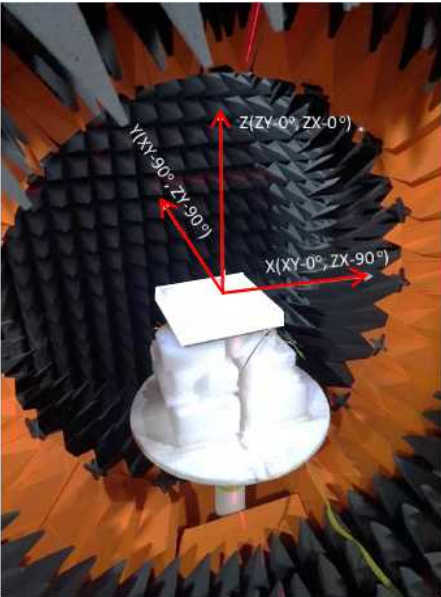


ANT7 - 6GHz

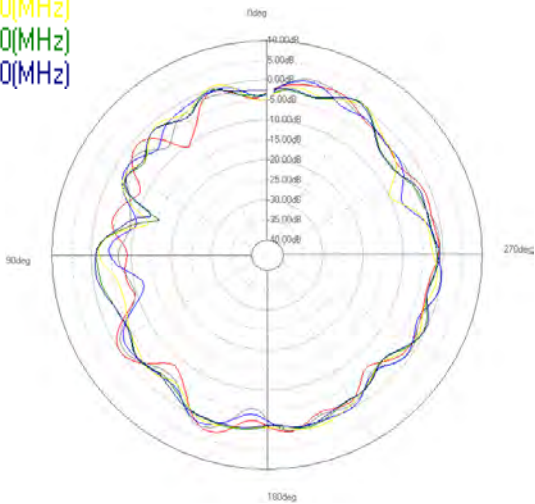
Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
5925	60%	-2.2	4.0	-2.2	-4.6	-5.1	0.9	2.6	1.6
6085	63%	-2.0	4.6	-2.1	-3.0	-3.0	1.3	4.3	3.3
6245	61%	-2.1	3.8	-2.1	-3.7	-3.3	0.8	2.5	2.4
6405	62%	-2.1	5.6	-2.1	-3.5	-3.8	0.6	5.6	2.3
6425	62%	-2.1	6.0	-2.0	-3.3	-3.6	1.1	5.9	2.5
6465	63%	-2.0	6.7	-2.2	-2.8	-3.2	1.6	6.5	2.7
6525	63%	-2.0	7.2	-2.4	-2.5	-2.9	1.7	7.1	3.2
6645	62%	-2.1	6.2	-2.4	-2.8	-3.3	2.6	6.2	4.0
6795	61%	-2.1	5.3	-2.2	-3.4	-3.5	2.0	5.2	3.4
6875	63%	-2.0	5.8	-2.3	-3.5	-2.9	1.3	5.5	4.0
6975	66%	-1.8	5.2	-2.3	-3.4	-2.2	0.9	4.7	4.8
7095	63%	-2.0	5.1	-2.3	-2.9	-2.9	0.9	4.4	3.6
7125	63%	-2.0	5.1	-2.2	-2.7	-2.9	0.6	4.8	3.4

Legend

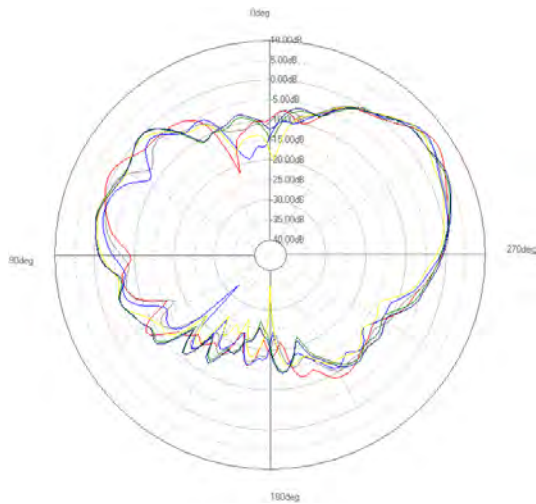
- 6645.00(MHz)
- 6795.00(MHz)
- 6875.00(MHz)
- 6975.00(MHz)
- 7095.00(MHz)
- 7125.00(MHz)



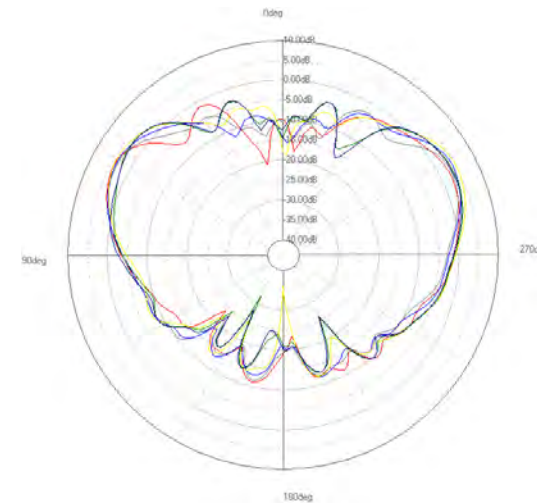
XY-plane



ZY-plane



ZX-plane



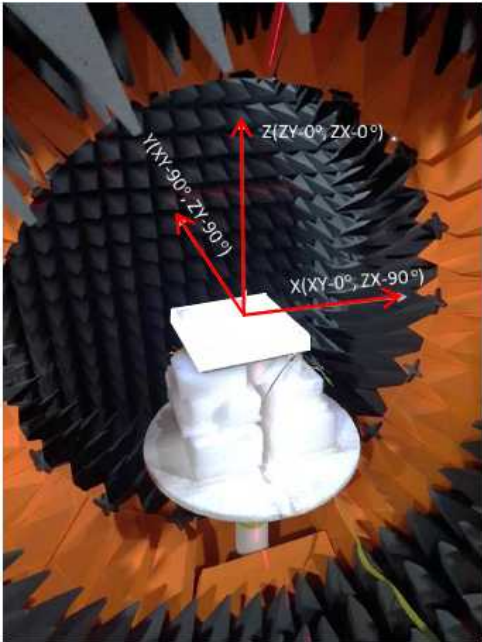
EW-7899WTX Antenna 6E (6GHz)

GAIN TABLE / PATTERN



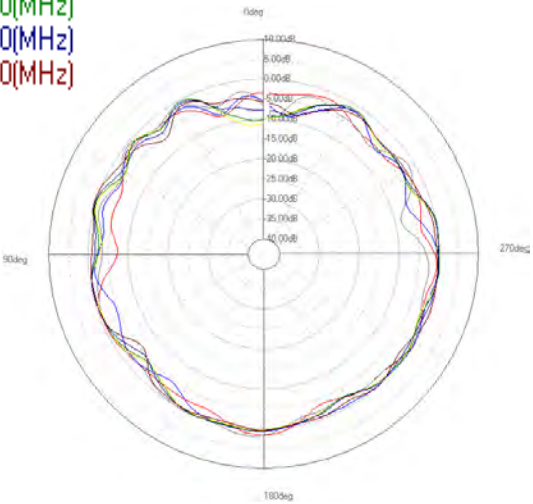
ANT8 - 6GHz

Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
5925	60%	-2.2	4.5	-2.4	-3.8	-3.1	1.4	4.2	2.5
6085	62%	-2.1	5.1	-2.0	-3.9	-3.3	1.7	2.6	4.0
6245	60%	-2.2	5.1	-2.2	-3.2	-3.5	0.5	2.7	4.0
6405	60%	-2.2	5.6	-1.8	-3.2	-3.2	0.2	3.6	5.6
6425	61%	-2.1	5.7	-1.7	-3.0	-3.1	0.4	3.9	5.7
6465	62%	-2.1	5.9	-1.7	-2.9	-2.9	0.5	4.4	5.9
6525	62%	-2.1	6.0	-1.6	-2.8	-2.9	0.6	4.4	6.0
6645	60%	-2.2	5.7	-1.7	-2.5	-3.8	0.5	4.6	4.3
6795	61%	-2.2	4.7	-1.6	-2.8	-3.6	1.0	4.1	3.9
6875	63%	-2.0	5.4	-1.5	-2.5	-2.8	0.9	4.4	5.4
6975	62%	-2.1	5.9	-1.9	-2.0	-3.1	0.6	5.2	5.7
7095	60%	-2.2	4.9	-1.8	-1.9	-4.1	0.6	4.7	2.6
7125	60%	-2.2	4.8	-1.7	-2.0	-4.1	1.1	4.4	2.9

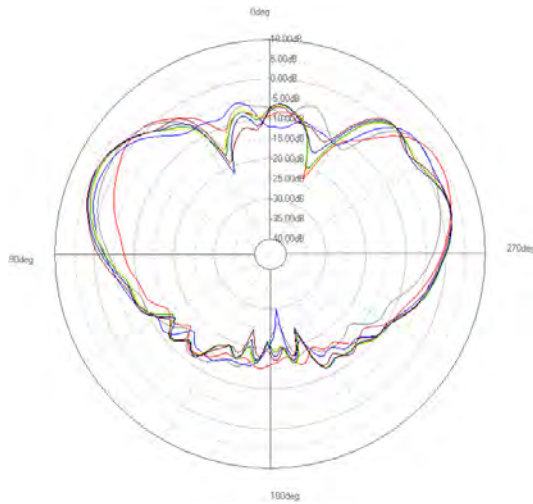


- Legend
- 5925.00(MHz)
 - 6085.00(MHz)
 - 6245.00(MHz)
 - 6405.00(MHz)
 - 6425.00(MHz)
 - 6465.00(MHz)
 - 6525.00(MHz)

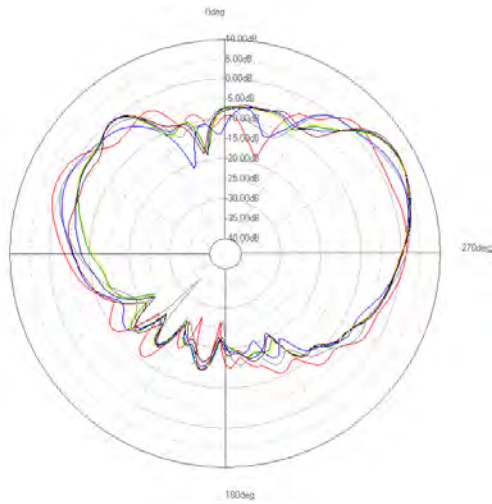
XY-plane



ZY-plane



ZX-plane



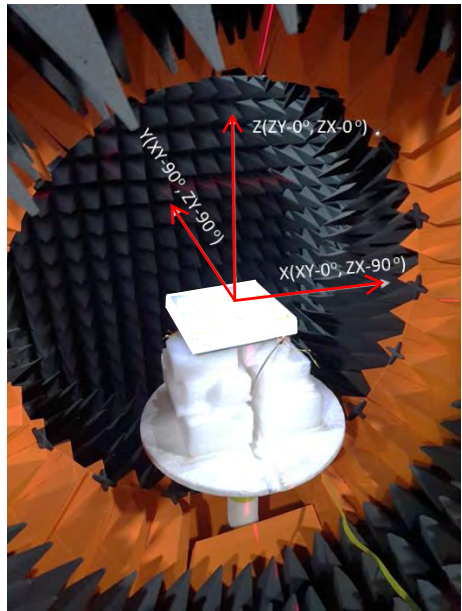
EW-7899WTX Antenna 6E (6GHz)

GAIN TABLE / PATTERN



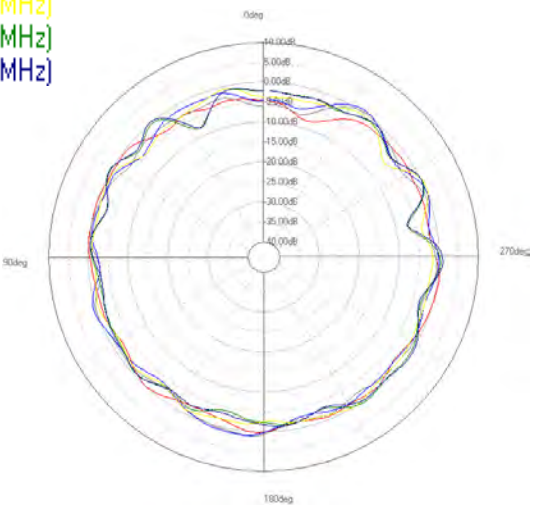
ANT8 - 6GHz

Frequency (MHz)	3D			Avg. Gain			Peak Gain		
	Efficiency	Avg. Gain	Peak Gain	XY-plane	YZ-plane	YZ-plane	XY-plane	YZ-plane	ZX-plane
5925	60%	-2.2	4.5	-2.4	-3.8	-3.1	1.4	4.2	2.5
6085	62%	-2.1	5.1	-2.0	-3.9	-3.3	1.7	2.6	4.0
6245	60%	-2.2	5.1	-2.2	-3.2	-3.5	0.5	2.7	4.0
6405	60%	-2.2	5.6	-1.8	-3.2	-3.2	0.2	3.6	5.6
6425	61%	-2.1	5.7	-1.7	-3.0	-3.1	0.4	3.9	5.7
6465	62%	-2.1	5.9	-1.7	-2.9	-2.9	0.5	4.4	5.9
6525	62%	-2.1	6.0	-1.6	-2.8	-2.9	0.6	4.4	6.0
6645	60%	-2.2	5.7	-1.7	-2.5	-3.8	0.5	4.6	4.3
6795	61%	-2.2	4.7	-1.6	-2.8	-3.6	1.0	4.1	3.9
6875	63%	-2.0	5.4	-1.5	-2.5	-2.8	0.9	4.4	5.4
6975	62%	-2.1	5.9	-1.9	-2.0	-3.1	0.6	5.2	5.7
7095	60%	-2.2	4.9	-1.8	-1.9	-4.1	0.6	4.7	2.6
7125	60%	-2.2	4.8	-1.7	-2.0	-4.1	1.1	4.4	2.9

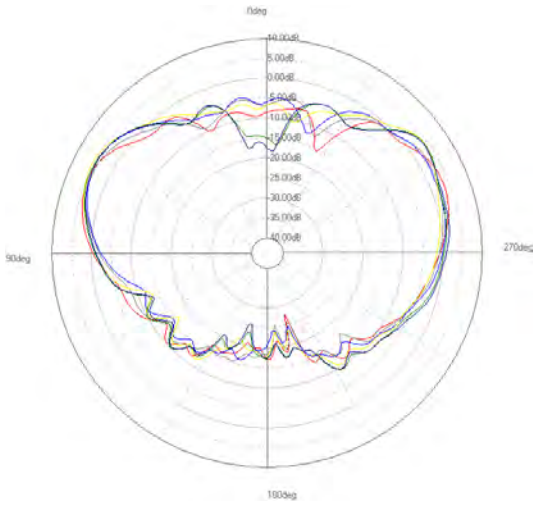


- Legend
- 6645.00(MHz)
 - 6795.00(MHz)
 - 6875.00(MHz)
 - 6975.00(MHz)
 - 7095.00(MHz)
 - 7125.00(MHz)

XY-plane



ZY-plane



ZX-plane

