

5G CPE Router (Omni + Directional) Antenna

4G (LB/MB/HB) x4 /

B42/43/48, n77 x4 / WiFi x2

GTT P/N: DA-8355P-01-BL

✓ RF Specification

Port	ANT1 / ANT3 / ANT5 / ANT7				
Frequency Range	617MHz-960MHz	1427MHz-1559MHz	1710MHz-2170MHz	2300MHz-2690MHz	3300MHz-4200MHz
Polarization	Linear, Vertical				
Horizontal / Vertical	360° / 45°				
Peak Gain	-1.9-2.2 dBi	1.7-4.5 dBi	2.1-5.3 dBi	1.7-4.1 dBi	-2.7-5.9 dBi
Efficiency	34-74 %	52-78 %	64-79 %	56-78 %	46-70 %
VSWR	5.0 max.:1	3.5 max.:1	3.0 max.:1	3.0max.:1	3.0max.:1

Port	ANT0 / ANT2 / ANT4 / ANT6	
Frequency Range	3300MHz~4200MHz	
Polarization	Directional	
Horizontal / Vertical	55-71° / 28-37°	
Peak Gain	10.0 dBi max.	
VSWR	2.0 max.:1	

Port	ANT8 / ANT9	
Frequency Range	2400MHz~2500MHz	5150MHz-5850MHz
Polarization	Linear, Vertical	
Horizontal / Vertical	360° / 45°	
Peak Gain	3.6~5.7 dBi	4.4-6.0 dBi
VSWR	2.0 max.:1	

✓ Environmental & Mechanical Characteristics

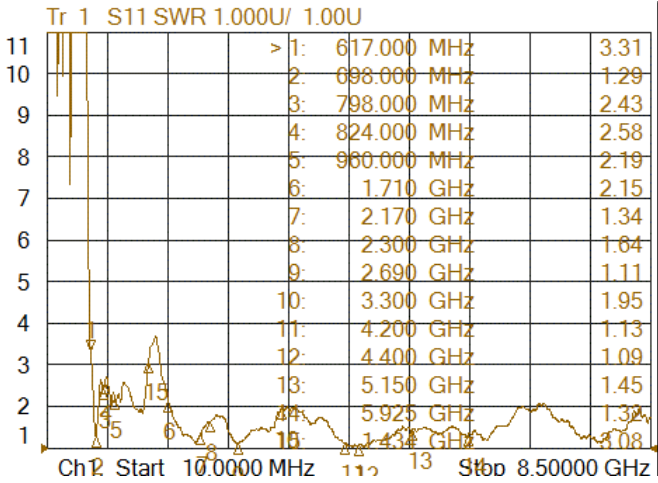
- Temperature: -30°C to +70°C
- Humidity: 95% @55°C
- Weight: 800g (W/O Cable)
- Antenna Housing Material: PC
- Dimensions: 229.4(OD)x70.6(H)mm(W/I Mount)

Performance Summary

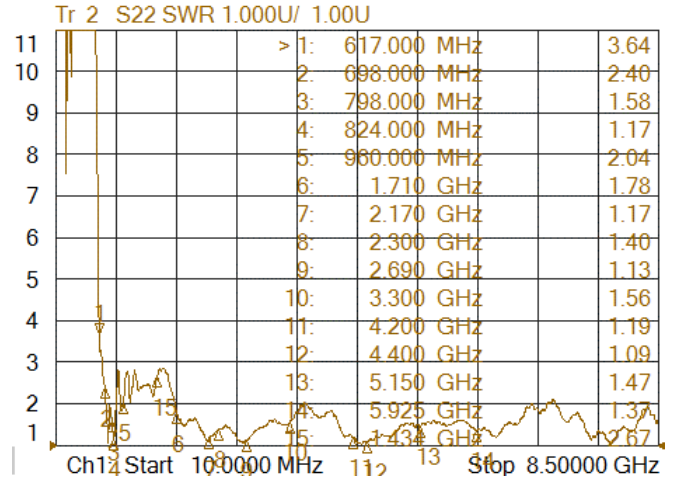
VSWR

Frequency(MHz)	617~960	1710~2170	2300-2690	3300-4200
VSWR	5.0 max.:1		3.0max.:1	

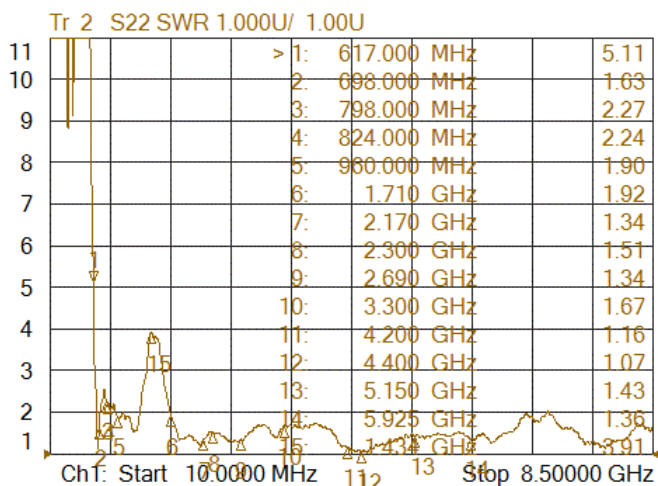
ANT1



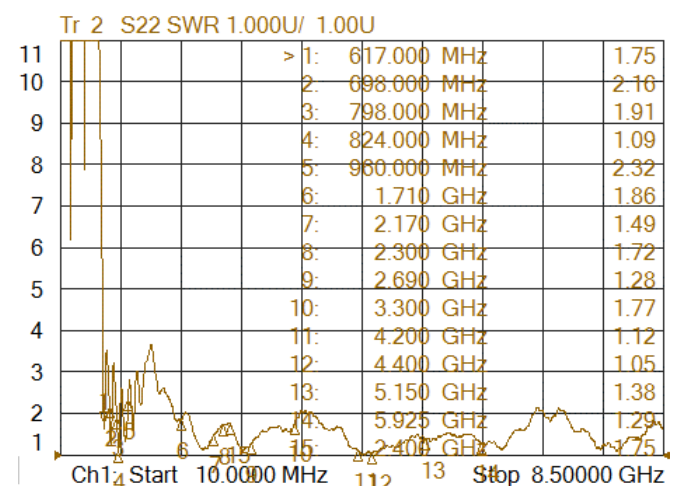
ANT3



ANT5



ANT7

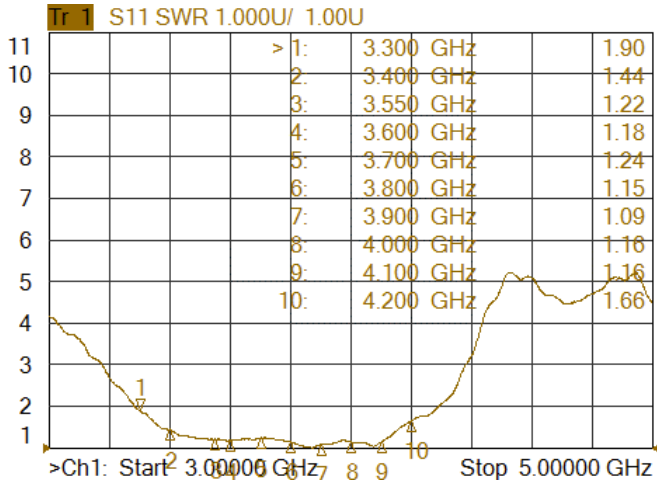


Performance Summary

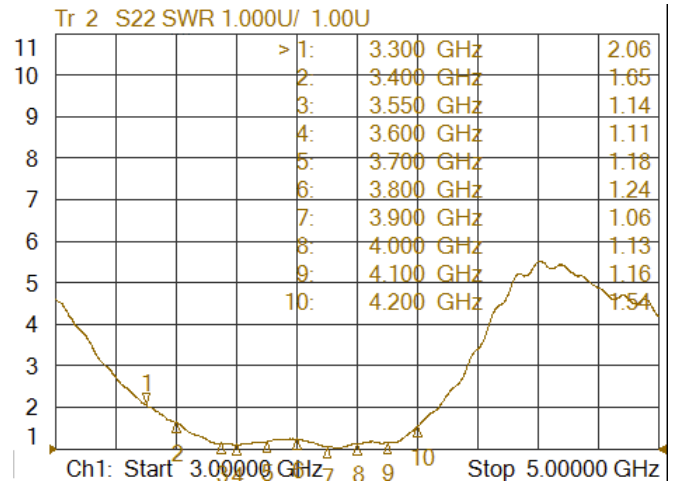
VSWR

Frequency(MHz)	3300~4200
VSWR	2.0 max.:1

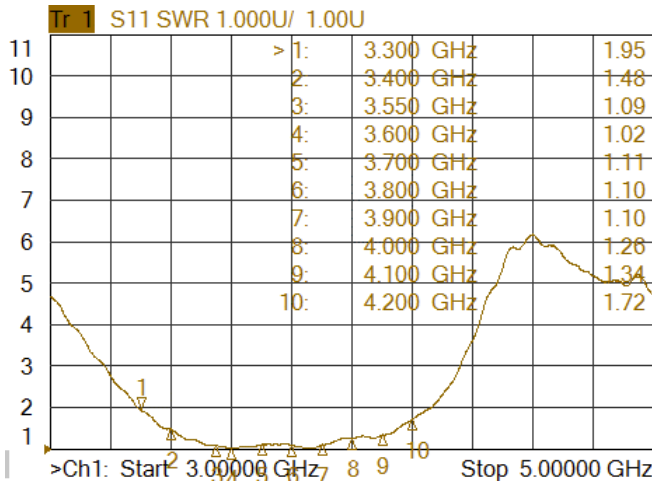
ANT0



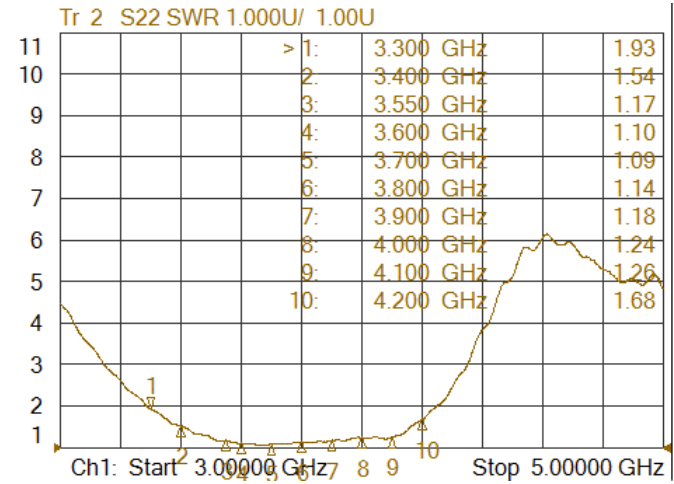
ANT2



ANT4



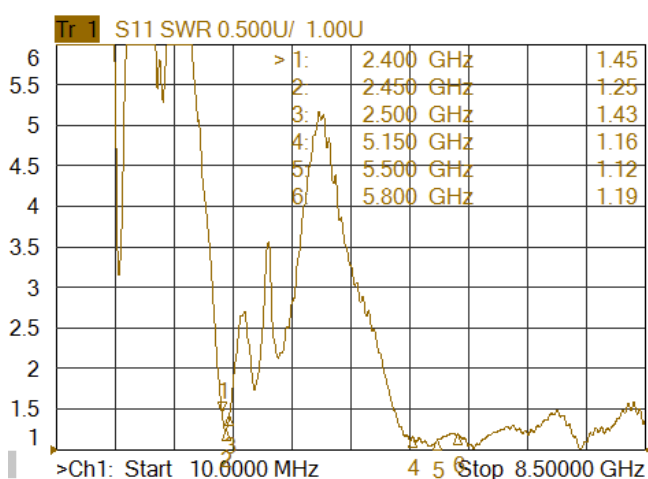
ANT6



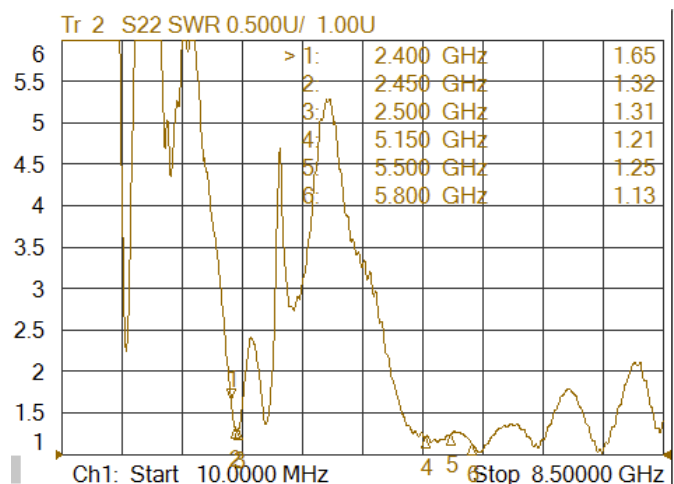
VSWR

Frequency(MHz)	2400-2500	5150-5850
VSWR	2.0 max.:1	

ANT8



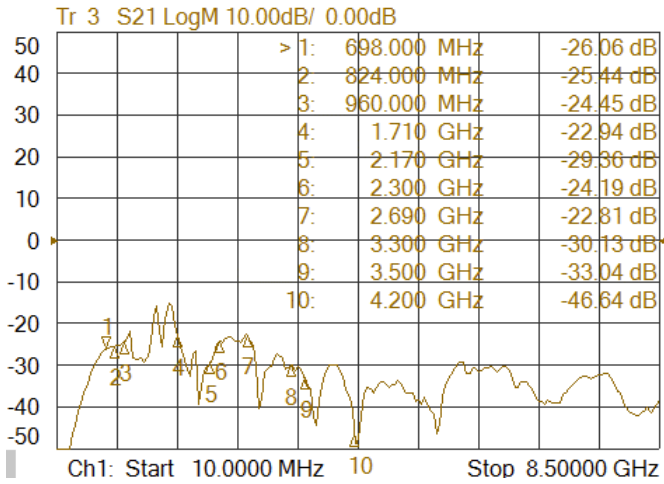
ANT9



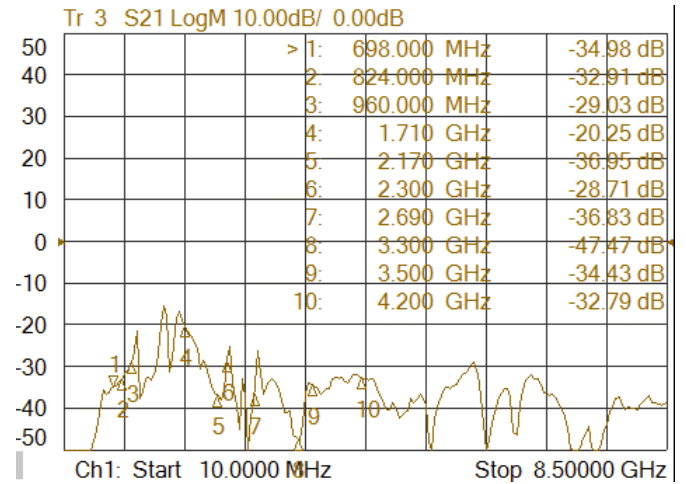
Performance Summary

Isolation

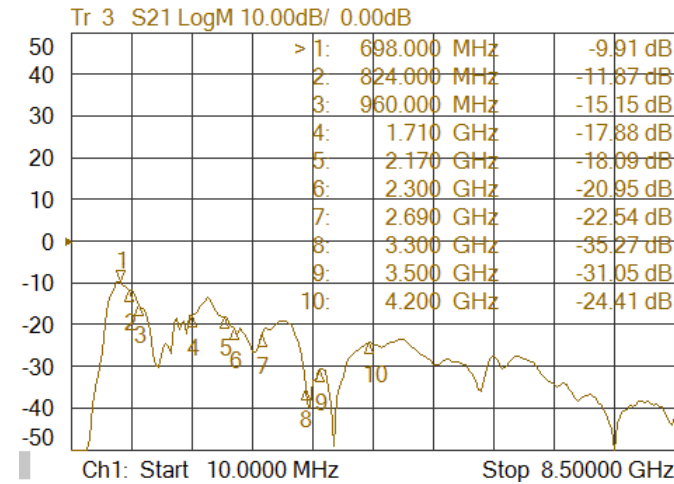
Ant1 vs Ant0



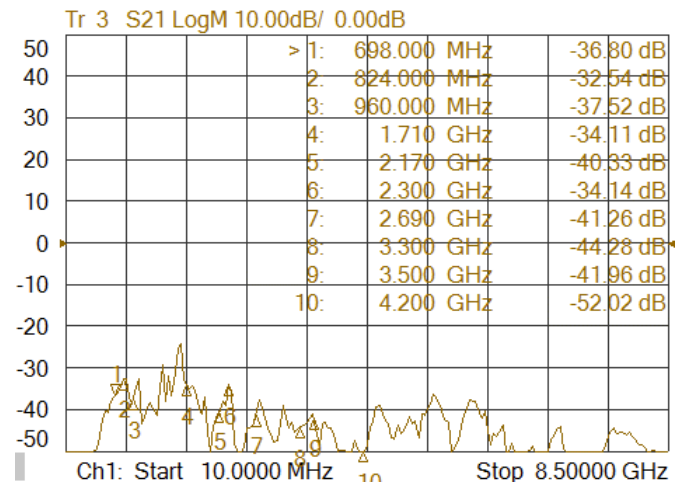
Ant1 vs Ant2



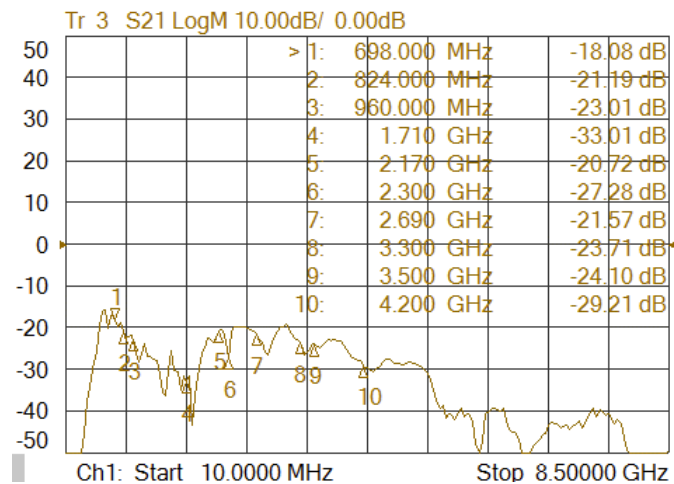
Ant1 vs Ant3



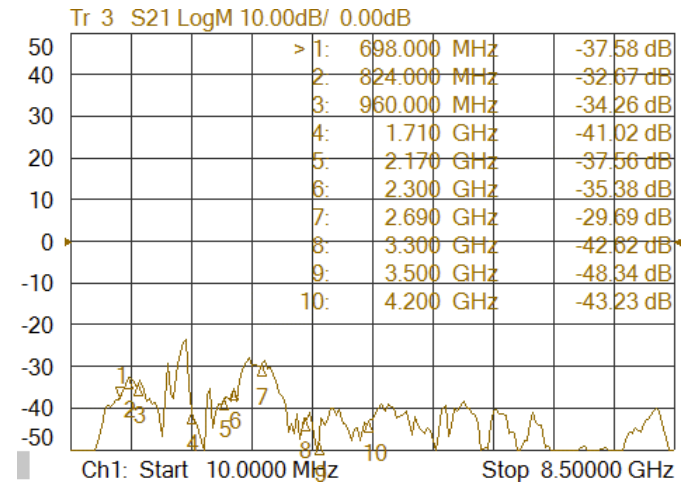
Ant1 vs Ant4



Ant1 vs Ant5



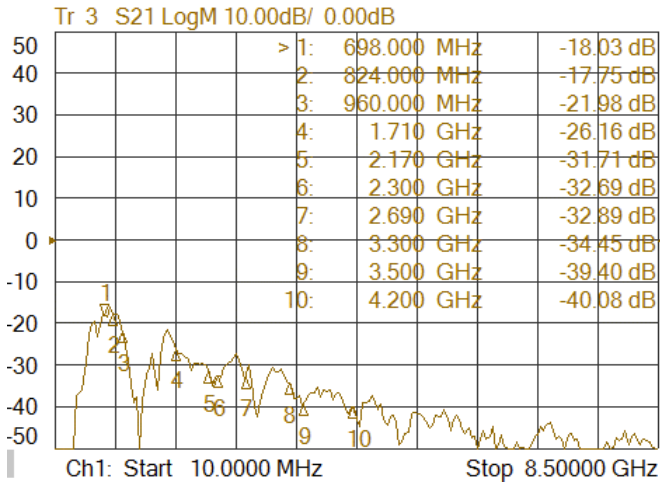
Ant1 vs Ant6



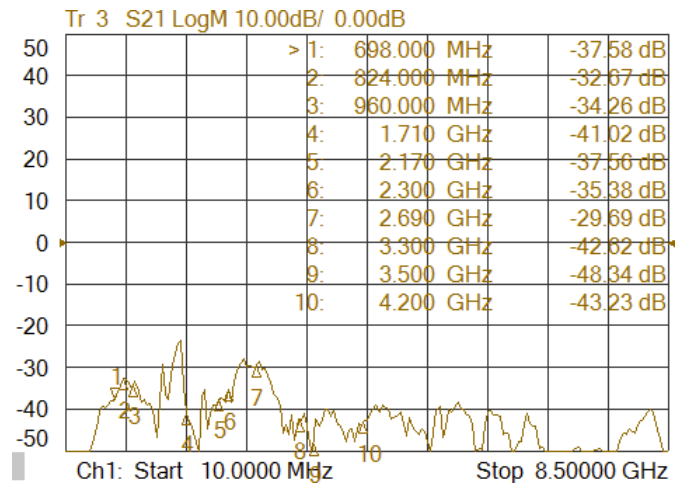
Performance Summary

Isolation

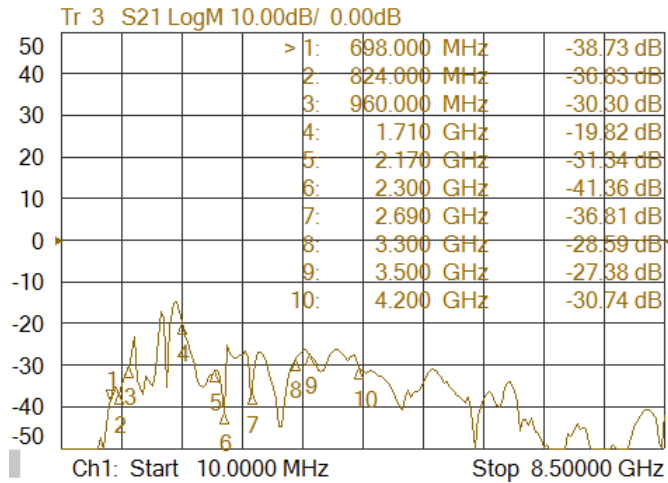
Ant1 vs Ant7



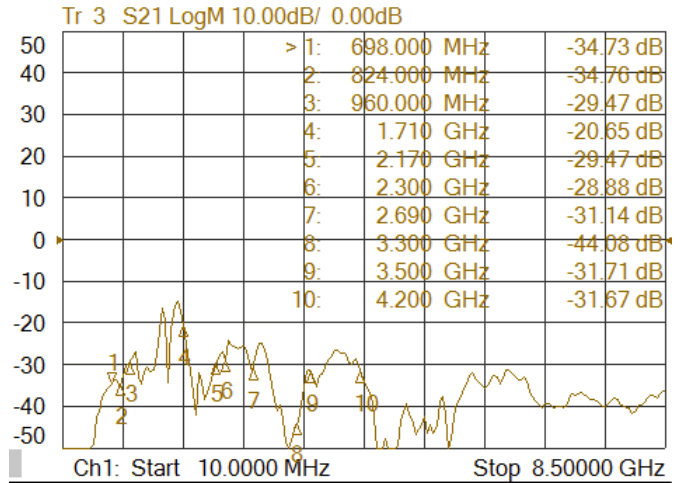
Ant1 vs Ant8



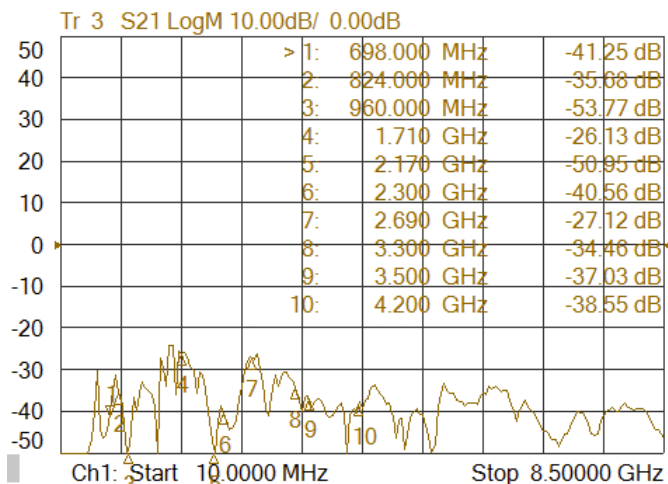
Ant3 vs Ant0



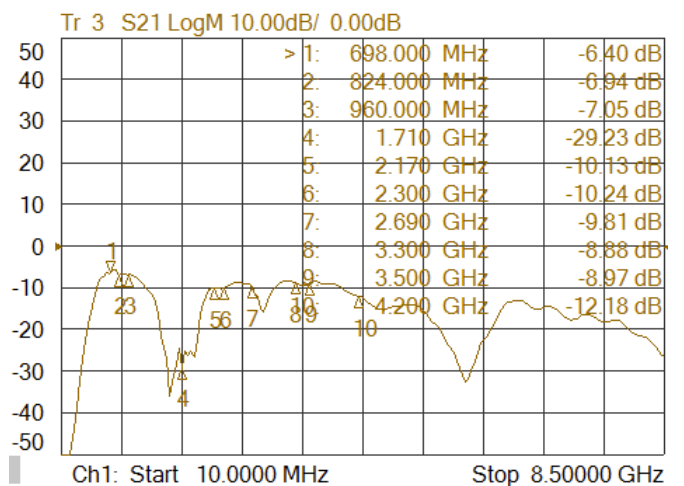
Ant3 vs Ant2



Ant3 vs Ant4



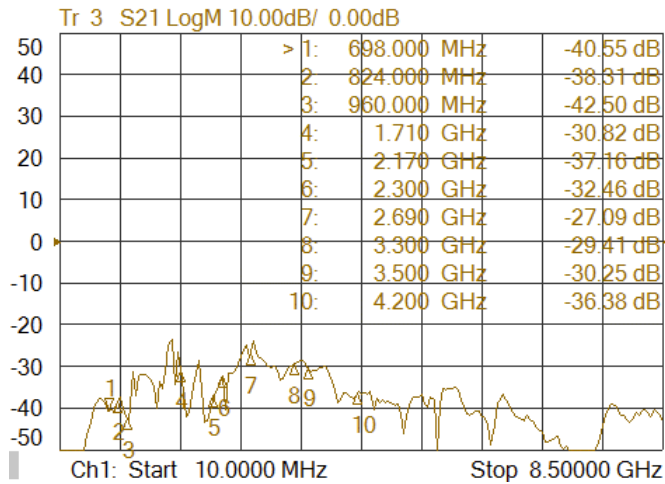
Ant3 vs Ant5



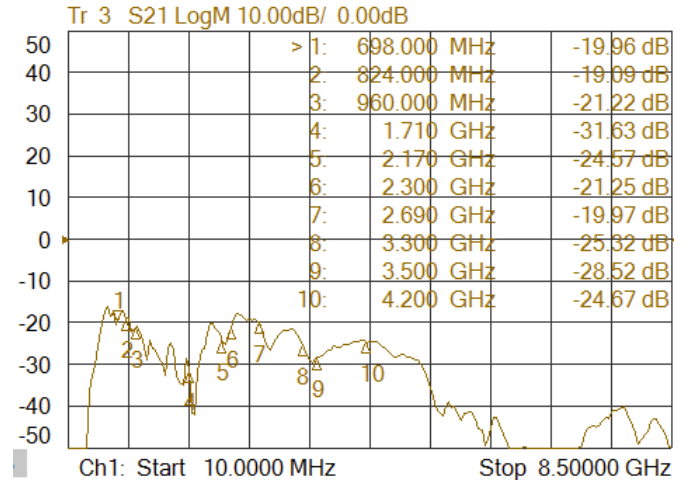
Performance Summary

Isolation

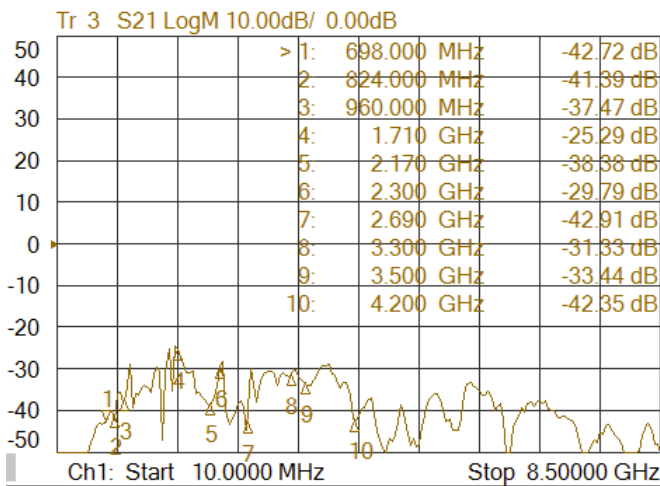
Ant3 vs Ant6



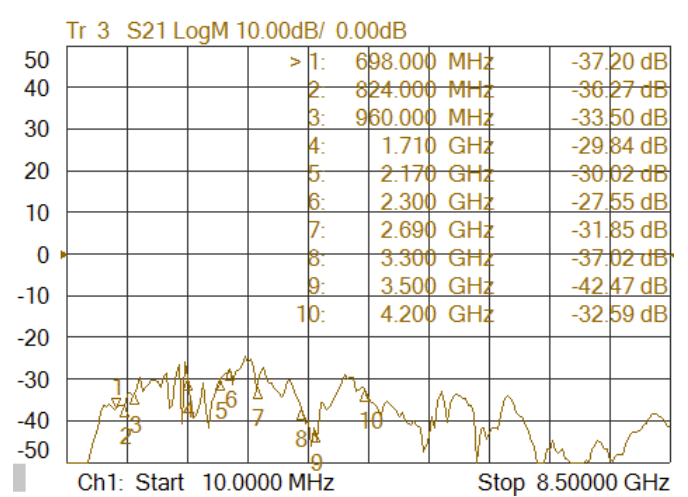
Ant3 vs Ant7



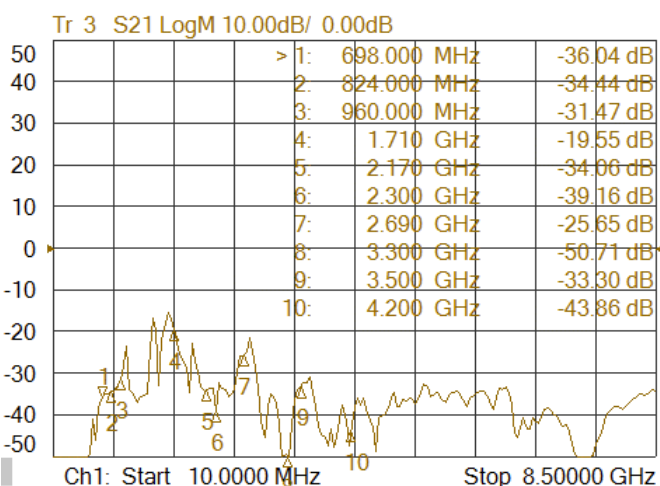
Ant5 vs Ant0



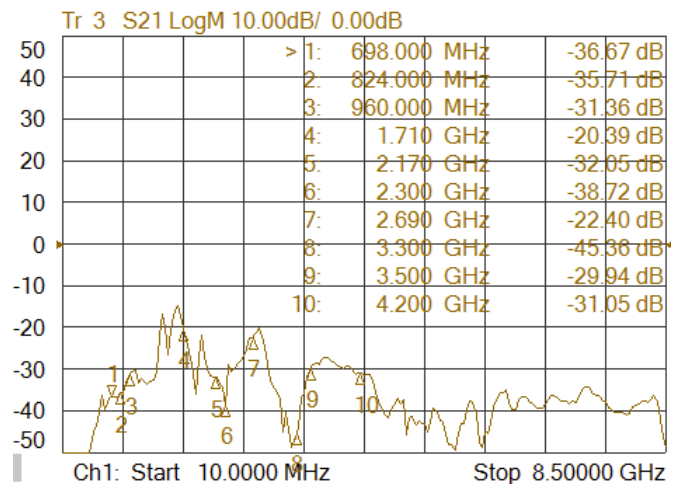
Ant5 vs Ant2



Ant5 vs Ant4



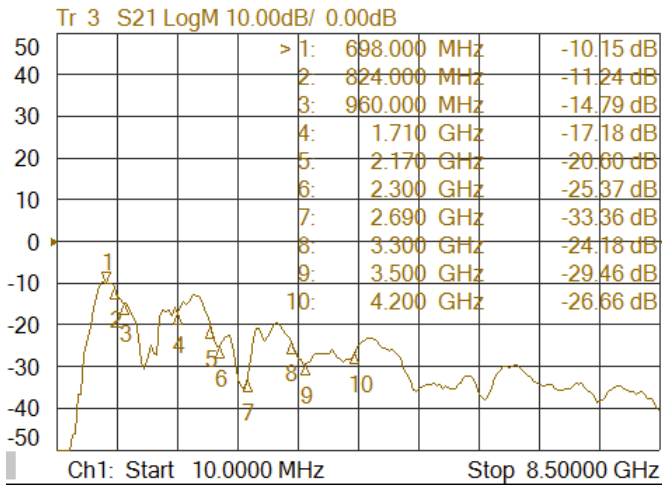
Ant5 vs Ant6



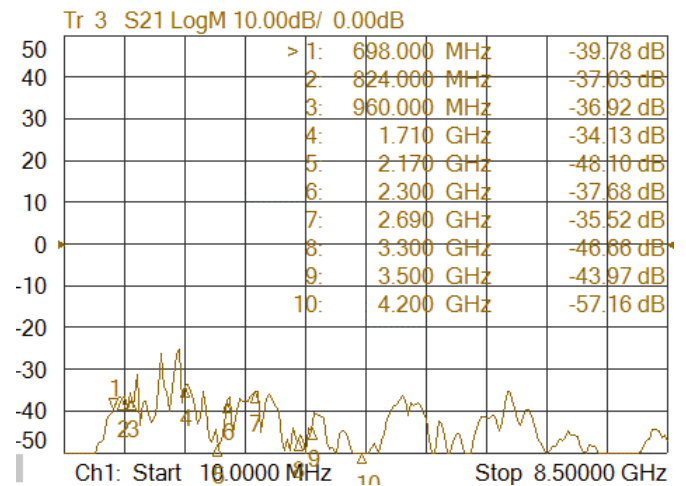
Performance Summary

Isolation

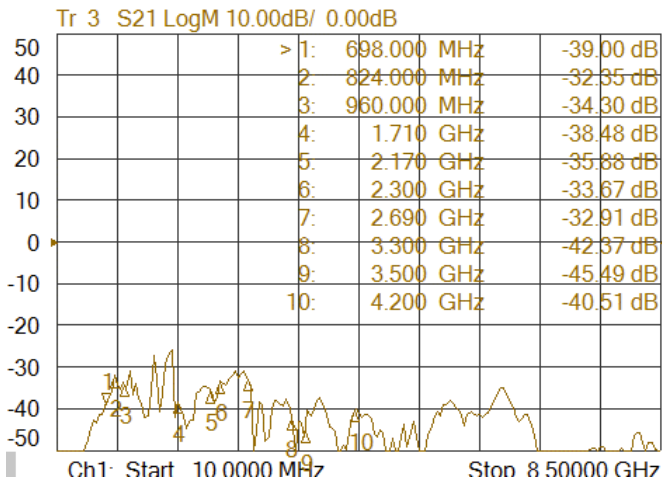
Ant5 vs Ant7



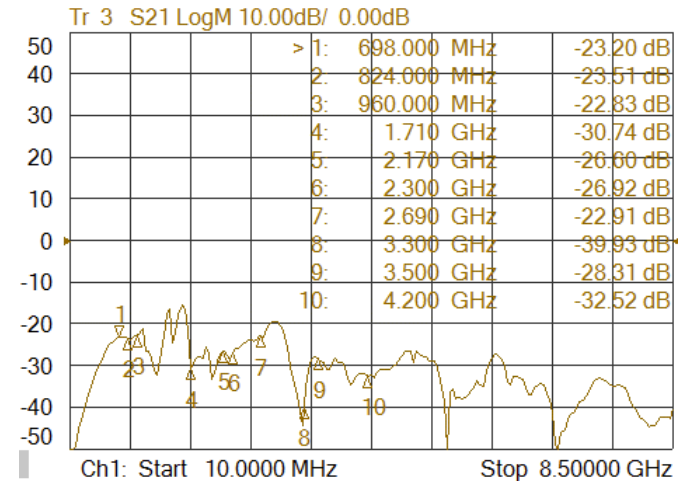
Ant7 vs Ant0



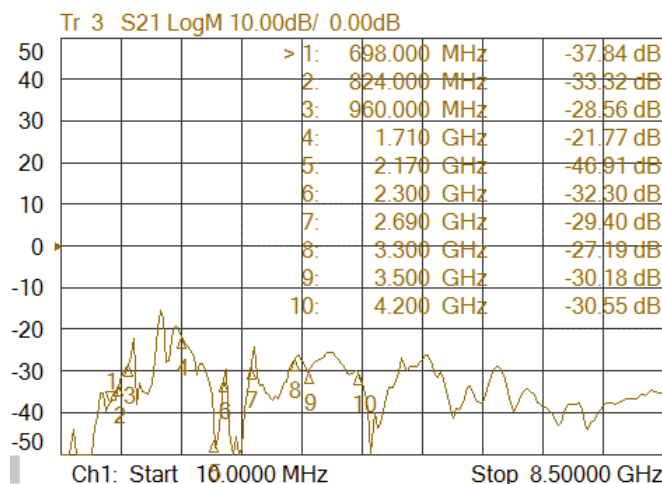
Ant7 vs Ant2



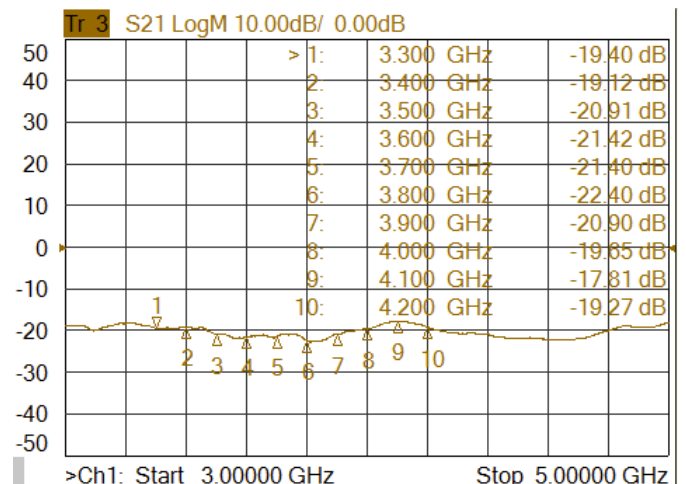
Ant7 vs Ant4



Ant7 vs Ant6



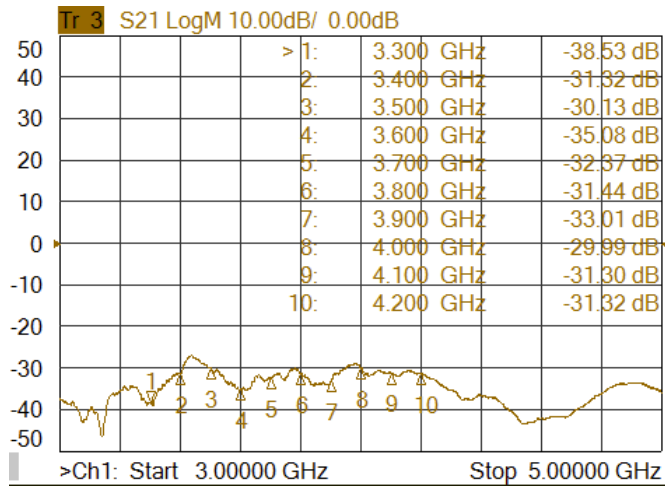
Ant0 vs Ant2



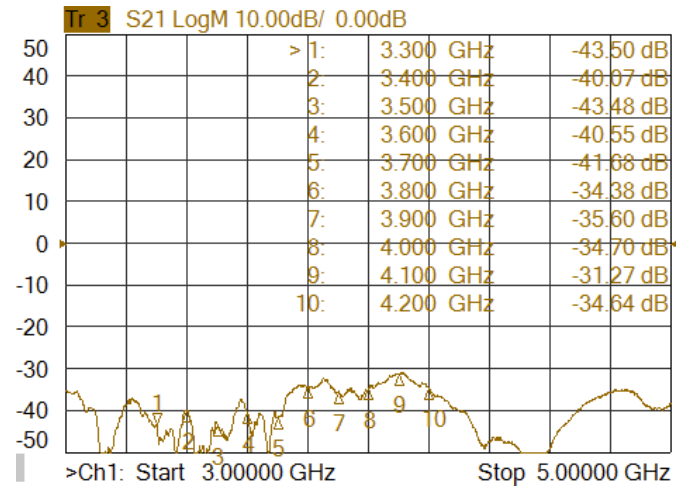
Performance Summary

Isolation

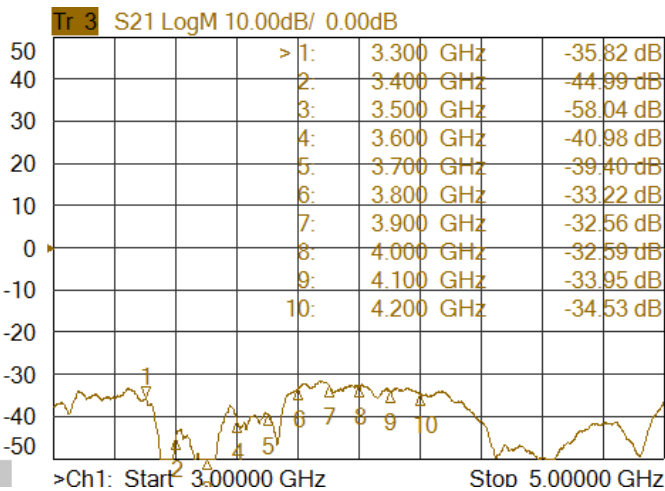
Ant0 vs Ant4



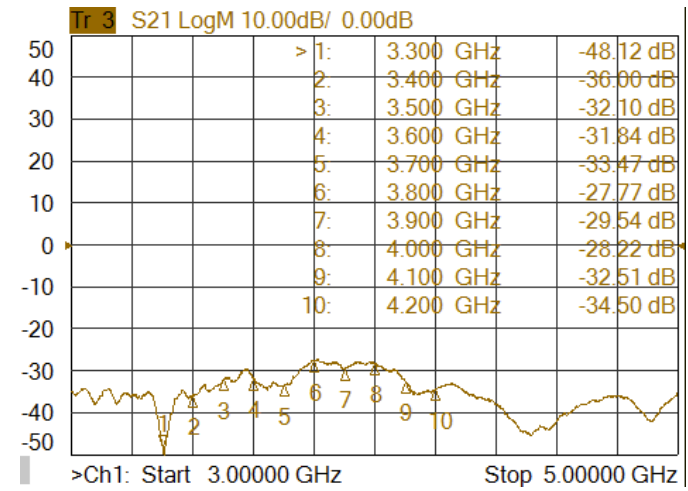
Ant0 vs Ant6



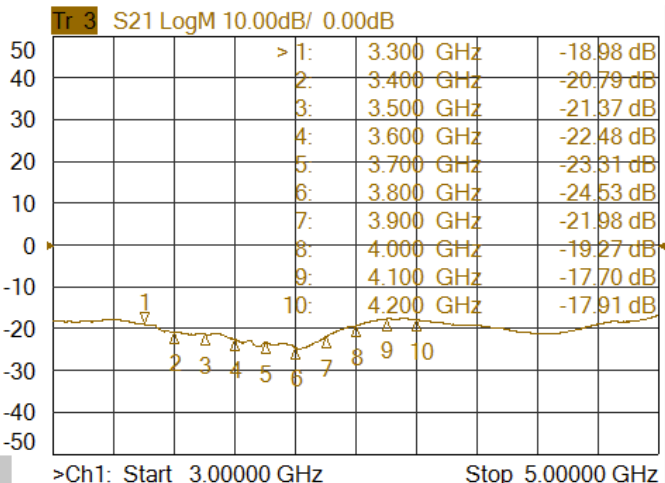
Ant2 vs Ant4



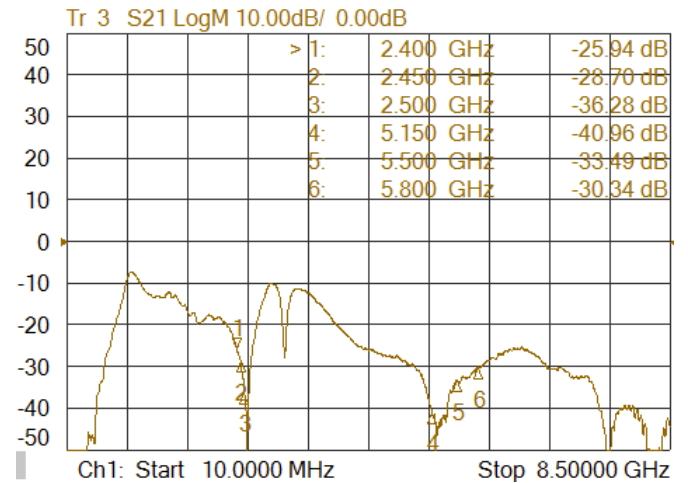
Ant2 vs Ant6



Ant4 vs Ant6



Ant8 vs Ant9



Performance Summary

Gain Table

ANT1

Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
617	35%	-4.5	-1.5
652	40%	-4.0	-1.3
663	42%	-3.8	-1.0
698	48%	-3.2	-0.5
710	50%	-3.0	-0.4
734	52%	-2.8	0.1
751	55%	-2.6	0.7
768	61%	-2.1	1.5
798	68%	-1.7	2.2
824	68%	-1.7	1.9
849	65%	-1.9	0.6
869	57%	-2.4	0.5
894	50%	-3.0	-0.1
900	48%	-3.2	-0.1
925	45%	-3.5	-0.1
960	42%	-3.8	-0.6
1427	56%	-2.5	2.2
1447	59%	-2.3	2.4
1475	61%	-2.1	2.2
1496	65%	-1.9	2.6
1517	68%	-1.7	2.8
1559	76%	-1.2	3.9
1710	78%	-1.1	3.2
1805	70%	-1.5	2.1
1880	73%	-1.4	2.6
1900	73%	-1.3	2.4
1920	74%	-1.3	2.2
2110	76%	-1.2	3.2
2170	74%	-1.3	3.6
2200	72%	-1.4	3.2
2300	75%	-1.3	3.5
2305	74%	-1.3	3.5
2315	73%	-1.4	3.2
2350	74%	-1.3	3.3
2360	74%	-1.3	3.1
2400	75%	-1.3	2.7
2500	74%	-1.3	2.6
2595	76%	-1.2	3.6
2690	64%	-1.9	3.9
3300	67%	-1.8	3.5
3400	67%	-1.7	4.0
3550	61%	-2.1	3.8
3600	63%	-2.0	4.2
3700	64%	-2.0	4.4
3800	61%	-2.1	4.5
3900	56%	-2.5	4.0
4000	53%	-2.8	3.5
4100	49%	-3.1	3.1
4200	55%	-2.6	3.8

ANT3

Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
617	44%	-3.6	-0.5
652	50%	-3.0	0.9
663	53%	-2.8	1.3
698	54%	-2.6	1.9
710	54%	-2.7	2.0
734	49%	-3.1	1.4
751	44%	-3.6	0.5
768	42%	-3.7	0.3
798	47%	-3.3	0.9
824	49%	-3.1	0.7
849	47%	-3.3	0.5
869	51%	-2.9	1.0
894	54%	-2.7	1.9
900	54%	-2.7	2.2
925	47%	-3.3	1.9
960	43%	-3.6	1.4
1427	56%	-2.6	1.9
1447	59%	-2.3	2.4
1475	59%	-2.3	2.5
1496	63%	-2.0	3.1
1517	64%	-2.0	2.9
1559	73%	-1.3	4.5
1710	78%	-1.1	5.3
1805	73%	-1.3	4.3
1880	73%	-1.4	4.7
1900	72%	-1.4	4.2
1920	72%	-1.4	4.0
2110	66%	-1.8	3.3
2170	66%	-1.8	3.8
2200	66%	-1.8	3.6
2300	68%	-1.6	3.8
2305	69%	-1.6	3.8
2315	69%	-1.6	4.0
2350	65%	-1.9	4.1
2360	64%	-1.9	4.0
2400	64%	-1.9	4.1
2500	62%	-2.1	1.7
2595	64%	-1.9	1.9
2690	56%	-2.5	3.0
3300	58%	-2.3	4.2
3400	59%	-2.3	4.8
3550	50%	-3.0	4.2
3600	50%	-3.0	3.9
3700	53%	-2.8	3.9
3800	50%	-3.0	3.8
3900	46%	-3.4	3.8
4000	47%	-3.3	3.8
4100	46%	-3.4	2.7
4200	52%	-2.8	3.4

Performance Summary

Gain Table

ANT5

Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
617	37%	-4.4	-1.9
652	42%	-3.8	-1.3
663	43%	-3.6	-1.1
698	45%	-3.5	-0.5
710	46%	-3.4	-0.1
734	48%	-3.2	0.1
751	50%	-3.0	-0.4
768	53%	-2.7	0.1
798	56%	-2.5	0.4
824	54%	-2.7	0.3
849	52%	-2.8	0.3
869	50%	-3.0	-0.3
894	49%	-3.1	0.0
900	49%	-3.1	0.1
925	47%	-3.3	-0.1
960	47%	-3.2	-0.1
1427	52%	-2.8	1.7
1447	56%	-2.5	1.7
1475	61%	-2.2	2.6
1496	67%	-1.7	3.8
1517	66%	-1.8	3.9
1559	73%	-1.3	3.9
1710	78%	-1.1	4.1
1805	74%	-1.3	4.3
1880	73%	-1.4	4.3
1900	71%	-1.5	4.1
1920	69%	-1.6	4.0
2110	65%	-1.9	2.1
2170	64%	-1.9	2.5
2200	65%	-1.9	2.1
2300	70%	-1.6	3.1
2305	69%	-1.6	3.2
2315	69%	-1.6	3.4
2350	67%	-1.7	3.6
2360	66%	-1.8	3.5
2400	65%	-1.9	3.3
2500	63%	-2.0	3.2
2595	64%	-2.0	3.6
2690	56%	-2.5	2.6
3300	60%	-2.2	3.8
3400	58%	-2.4	4.2
3550	52%	-2.9	5.4
3600	57%	-2.4	5.8
3700	56%	-2.5	5.9
3800	52%	-2.8	5.3
3900	49%	-3.1	4.1
4000	52%	-2.9	4.1
4100	54%	-2.7	3.9
4200	55%	-2.6	4.1

ANT7

Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
617	34%	-4.7	-1.0
652	41%	-3.9	-0.7
663	44%	-3.6	-0.5
698	48%	-3.1	0.0
710	50%	-3.0	0.1
734	51%	-2.9	0.3
751	53%	-2.8	0.8
768	56%	-2.5	1.0
798	58%	-2.4	1.4
824	60%	-2.2	1.8
849	74%	-1.3	1.4
869	66%	-1.8	0.9
894	52%	-2.8	0.3
900	49%	-3.1	0.3
925	43%	-3.7	0.5
960	48%	-3.2	1.0
1427	59%	-2.3	2.7
1447	60%	-2.2	2.9
1475	58%	-2.4	2.9
1496	62%	-2.1	3.2
1517	66%	-1.8	3.3
1559	78%	-1.1	4.2
1710	79%	-1.0	3.1
1805	72%	-1.4	2.7
1880	72%	-1.4	2.6
1900	71%	-1.5	2.5
1920	72%	-1.4	2.3
2110	74%	-1.3	2.6
2170	76%	-1.2	3.1
2200	76%	-1.2	3.1
2300	78%	-1.1	2.9
2305	78%	-1.1	2.8
2315	77%	-1.2	2.8
2350	75%	-1.2	2.6
2360	75%	-1.2	2.6
2400	75%	-1.2	2.3
2500	74%	-1.3	2.5
2595	77%	-1.1	2.6
2690	72%	-1.5	2.3
3300	67%	-1.8	5.2
3400	70%	-1.6	4.7
3550	64%	-2.0	4.4
3600	62%	-2.1	4.3
3700	61%	-2.2	4.0
3800	58%	-2.3	3.5
3900	57%	-2.4	3.8
4000	55%	-2.6	4.2
4100	52%	-2.9	4.7
4200	59%	-2.3	5.4

Performance Summary

Gain Table

ANT0

Frequency (MHz)	3D			Co-polar.		HPBW	
	Efficiency	Avg. Gain	Peak Gain	H-plane	V-plane	H-plane	V-plane
3300	61%	-2.1	8.9	8.6	8.8	66	37
3400	73%	-1.3	9.9	9.6	9.8	63	36
3500	73%	-1.4	9.5	9.3	9.4	71	35
3550	68%	-1.7	8.8	8.6	8.8	75	35
3600	74%	-1.3	9.1	8.9	9.1	76	34
3700	78%	-1.1	9.3	9.1	9.3	64	32
3800	72%	-1.4	9.3	8.9	9.0	68	29
3900	62%	-2.1	8.6	8.3	8.4	83	29
4000	60%	-2.2	8.6	8.0	8.5	89	28
4100	49%	-3.1	8.0	7.4	7.6	86	27
4200	39%	-4.1	6.3	5.6	5.4	95	27

ANT2

Frequency (MHz)	3D			Co-polar.		HPBW	
	Efficiency	Avg. Gain	Peak Gain	H-plane	V-plane	H-plane	V-plane
3300	60%	-2.3	8.9	8.8	8.7	60	39
3400	71%	-1.5	9.7	9.5	9.6	60	38
3500	74%	-1.3	9.2	8.9	9.2	77	39
3550	69%	-1.6	8.8	8.4	8.7	77	40
3600	75%	-1.3	9.1	8.6	9.0	75	40
3700	77%	-1.1	9.0	8.4	9.0	71	40
3800	74%	-1.3	8.9	8.4	8.9	80	36
3900	62%	-2.0	8.9	8.1	8.0	84	35
4000	59%	-2.3	8.8	8.0	8.1	86	32
4100	54%	-2.7	8.7	8.0	7.3	76	32
4200	43%	-3.7	7.5	6.6	5.9	80	31

Performance Summary

Gain Table

ANT4

Frequency (MHz)	3D			Co-polar.		HPBW	
	Efficiency	Avg. Gain	Peak Gain	H-plane	V-plane	H-plane	V-plane
3300	59%	-2.3	8.6	8.5	8.6	70	38
3400	71%	-1.5	9.7	9.5	9.7	63	37
3500	73%	-1.4	9.3	9.1	9.3	71	36
3550	68%	-1.7	8.8	8.6	8.8	75	35
3600	74%	-1.3	9.2	9.1	9.2	76	34
3700	77%	-1.2	9.0	8.8	9.0	83	34
3800	71%	-1.5	9.0	8.9	8.8	83	32
3900	60%	-2.2	8.3	8.2	8.2	91	30
4000	58%	-2.4	8.4	8.2	8.3	91	28
4100	48%	-3.2	7.7	7.6	7.4	85	28
4200	39%	-4.1	6.4	6.2	5.4	90	27

ANT6

Frequency (MHz)	3D			Co-polar.		HPBW	
	Efficiency	Avg. Gain	Peak Gain	H-plane	V-plane	H-plane	V-plane
3300	65%	-1.9	9.1	8.9	8.8	62	40
3400	72%	-1.4	9.8	9.5	9.5	58	38
3500	71%	-1.5	9.2	9.0	9.0	68	37
3550	65%	-1.9	8.8	8.6	8.6	67	35
3600	71%	-1.5	9.2	8.9	9.0	64	35
3700	76%	-1.2	9.2	8.9	9.1	66	35
3800	74%	-1.3	9.1	9.1	8.9	70	32
3900	66%	-1.8	9.4	9.3	8.2	68	32
4000	67%	-1.7	9.5	9.5	8.6	66	30
4100	54%	-2.7	8.5	8.4	7.6	67	29
4200	42%	-3.8	7.2	7.0	5.9	66	28

ANT8

Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
2400	75%	-1.3	4.6
2450	73%	-1.4	5.3
2500	71%	-1.5	5.7
5150	77%	-1.1	4.9
5350	78%	-1.1	5.5
5500	74%	-1.3	5.5
5675	73%	-1.3	5.8
5850	75%	-1.2	6.0

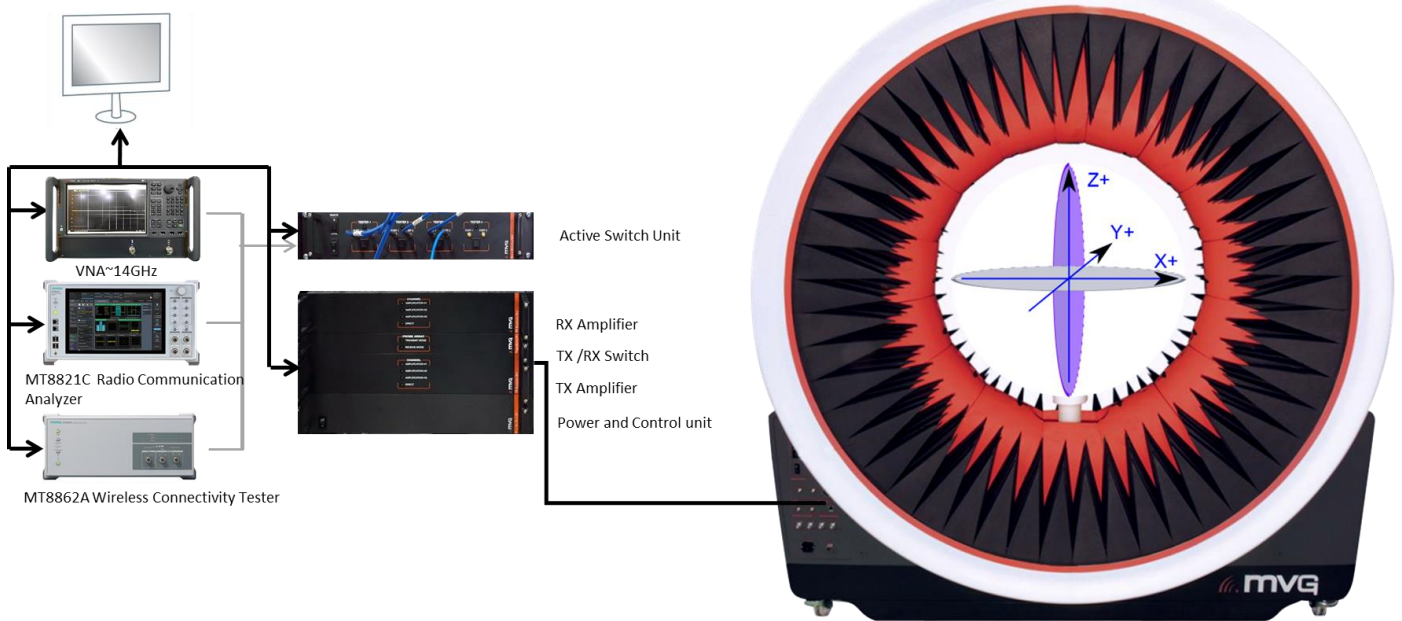
ANT9

Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
2400	76%	-1.2	4.0
2450	75%	-1.3	3.8
2500	73%	-1.4	3.6
5150	76%	-1.2	4.4
5350	79%	-1.0	5.0
5500	76%	-1.2	4.9
5675	74%	-1.3	5.2
5850	76%	-1.2	5.1

Antenna Testing Setup and Orientation

3D OTA Chamber-SATIMO Starlab® 2019

Polarization diagram



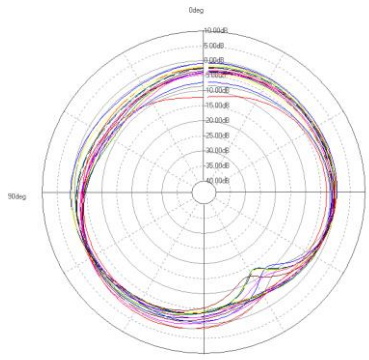
Satimo StarLab System

Radiation Pattern 4G (1/4) ANT1

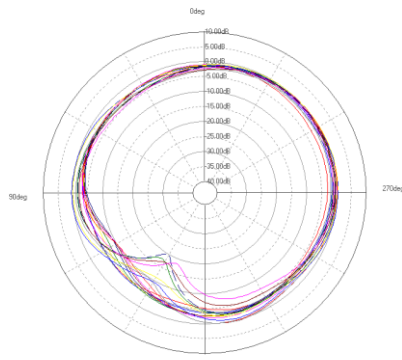
Legend

- 617.00(MHz)
- 652.00(MHz)
- 663.00(MHz)
- 698.00(MHz)
- 710.00(MHz)
- 734.00(MHz)
- 751.00(MHz)
- 768.00(MHz)
- 798.00(MHz)
- 824.00(MHz)
- 849.00(MHz)
- 869.00(MHz)
- 894.00(MHz)
- 925.00(MHz)
- 960.00(MHz)

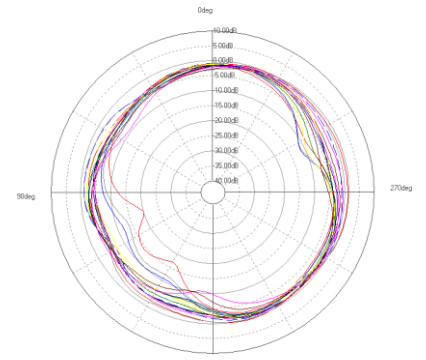
XY-plane



YZ-plane

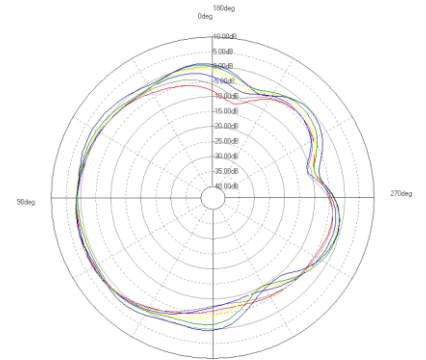
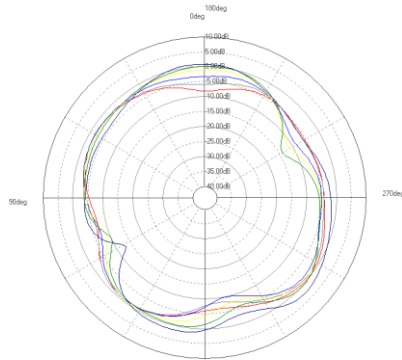
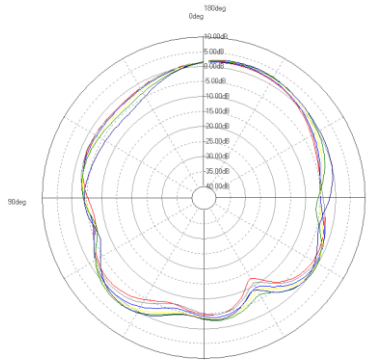


ZX-plane



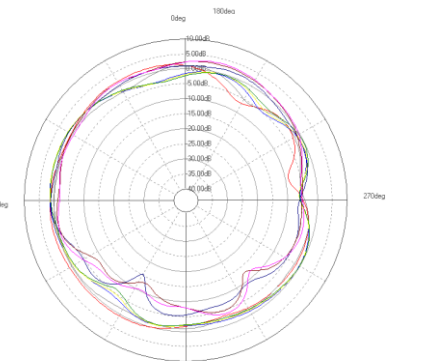
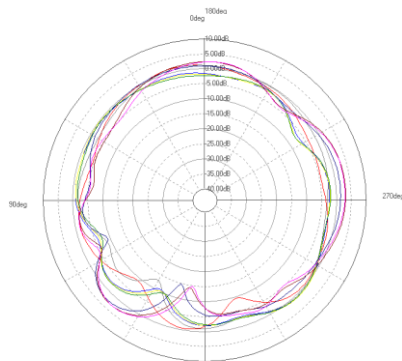
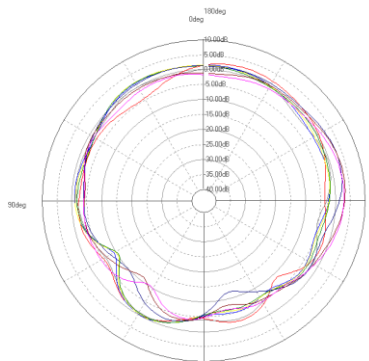
Legend

- 1427.00(MHz)
- 1447.00(MHz)
- 1475.00(MHz)
- 1496.00(MHz)
- 1517.00(MHz)
- 1559.00(MHz)



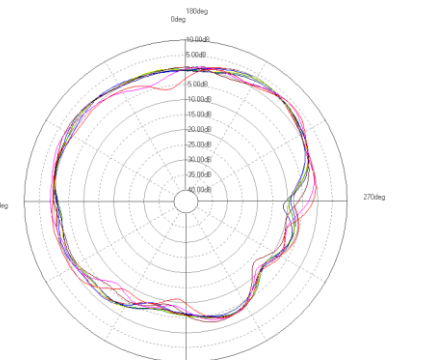
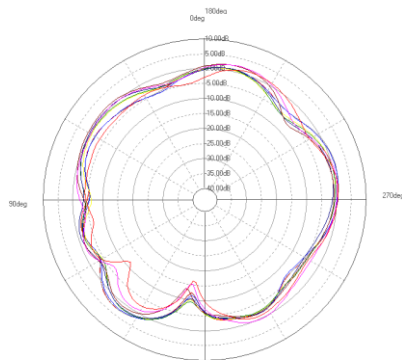
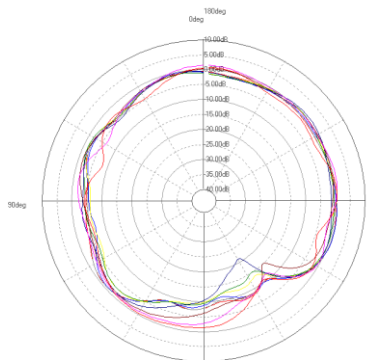
Legend

- 1710.00(MHz)
- 1805.00(MHz)
- 1880.00(MHz)
- 1920.00(MHz)
- 2110.00(MHz)
- 2170.00(MHz)
- 2200.00(MHz)



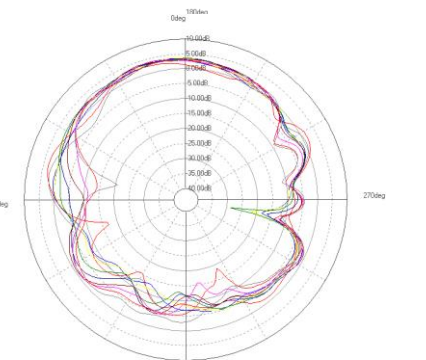
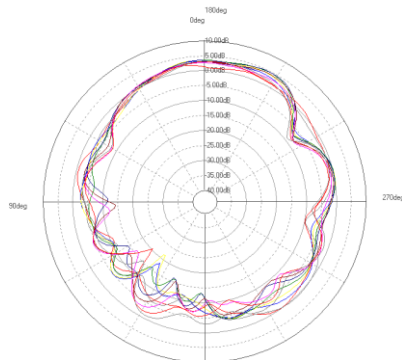
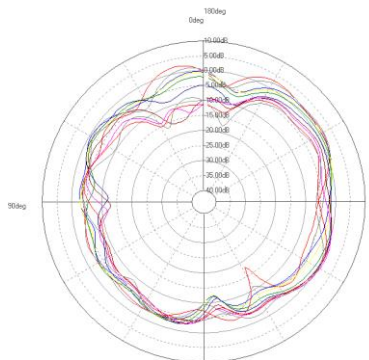
Legend

- 2300.00(MHz)
- 2305.00(MHz)
- 2315.00(MHz)
- 2350.00(MHz)
- 2360.00(MHz)
- 2400.00(MHz)
- 2500.00(MHz)
- 2595.00(MHz)
- 2690.00(MHz)



Legend

- 3300.00(MHz)
- 3400.00(MHz)
- 3550.00(MHz)
- 3600.00(MHz)
- 3700.00(MHz)
- 3800.00(MHz)
- 3900.00(MHz)
- 4000.00(MHz)
- 4100.00(MHz)
- 4200.00(MHz)

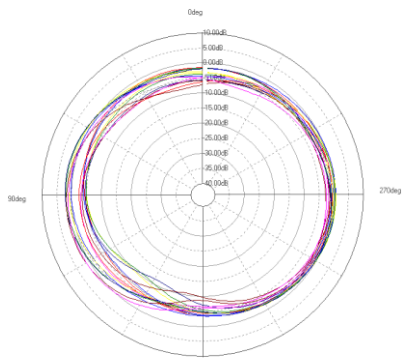


Radiation Pattern 4G (2/4) ANT3

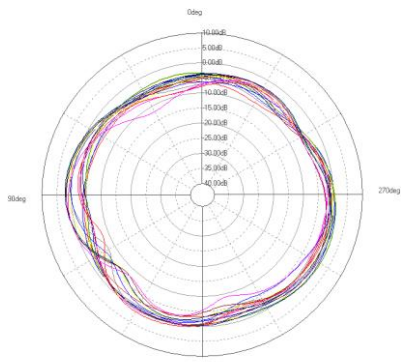
Legend

- 617.00(MHz)
- 652.00(MHz)
- 663.00(MHz)
- 698.00(MHz)
- 710.00(MHz)
- 734.00(MHz)
- 751.00(MHz)
- 768.00(MHz)
- 798.00(MHz)
- 824.00(MHz)
- 849.00(MHz)
- 869.00(MHz)
- 894.00(MHz)
- 925.00(MHz)
- 960.00(MHz)

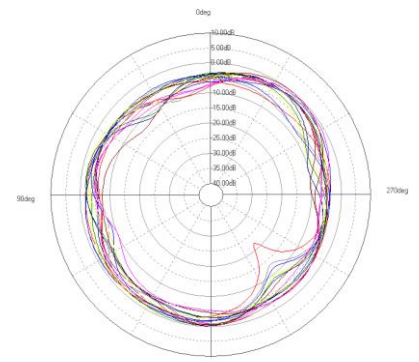
XY-plane



YZ-plane

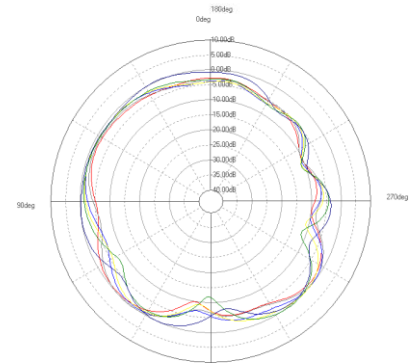
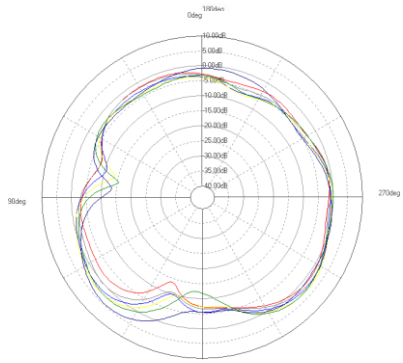
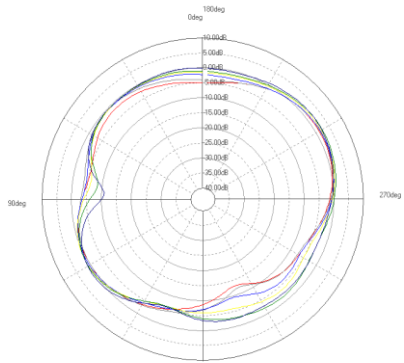


ZX-plane



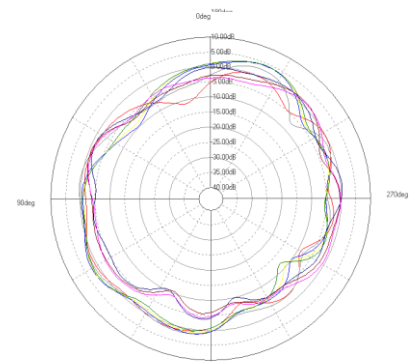
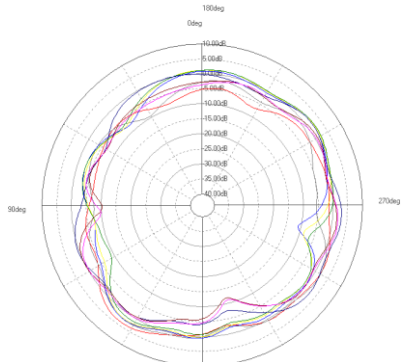
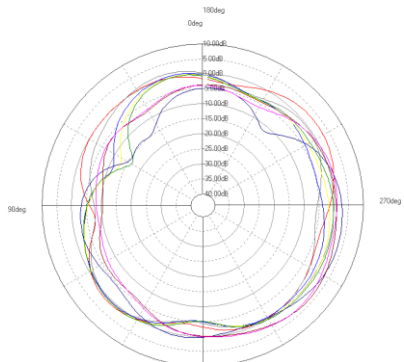
Legend

- 1427.00(MHz)
- 1447.00(MHz)
- 1475.00(MHz)
- 1496.00(MHz)
- 1517.00(MHz)
- 1559.00(MHz)



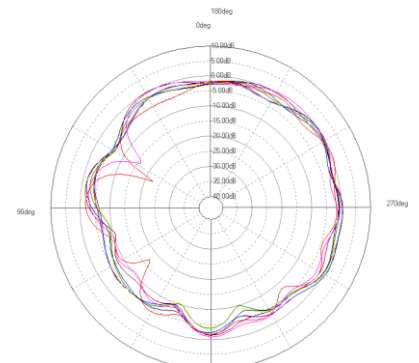
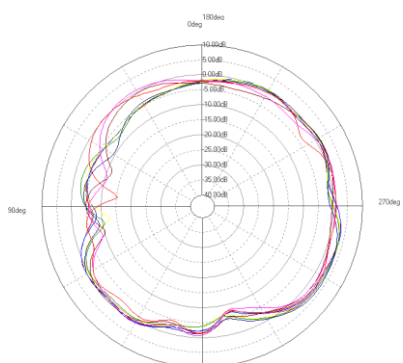
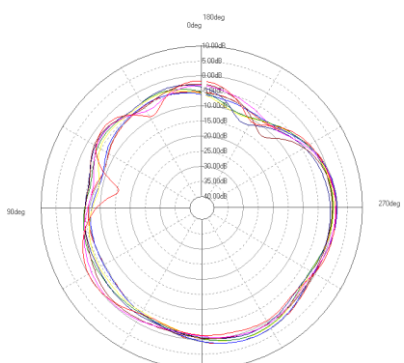
Legend

- 1710.00(MHz)
- 1805.00(MHz)
- 1880.00(MHz)
- 1920.00(MHz)
- 2110.00(MHz)
- 2170.00(MHz)
- 2200.00(MHz)



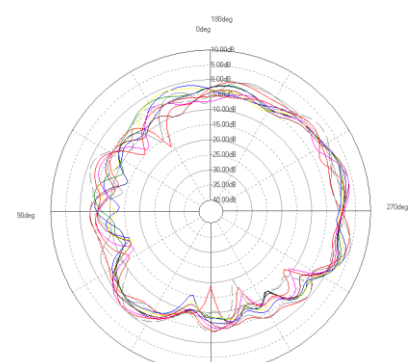
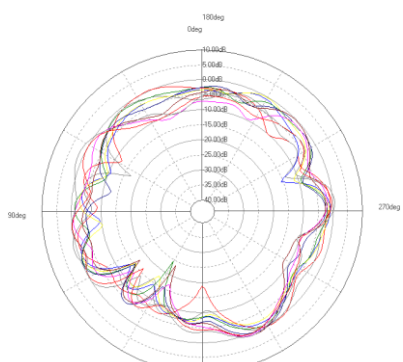
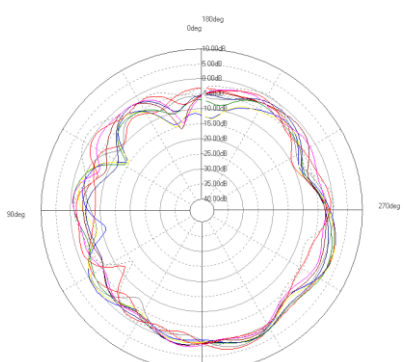
Legend

- 2300.00(MHz)
- 2305.00(MHz)
- 2315.00(MHz)
- 2350.00(MHz)
- 2360.00(MHz)
- 2400.00(MHz)
- 2500.00(MHz)
- 2595.00(MHz)
- 2690.00(MHz)



Legend

- 3300.00(MHz)
- 3400.00(MHz)
- 3550.00(MHz)
- 3600.00(MHz)
- 3700.00(MHz)
- 3800.00(MHz)
- 3900.00(MHz)
- 4000.00(MHz)
- 4100.00(MHz)
- 4200.00(MHz)

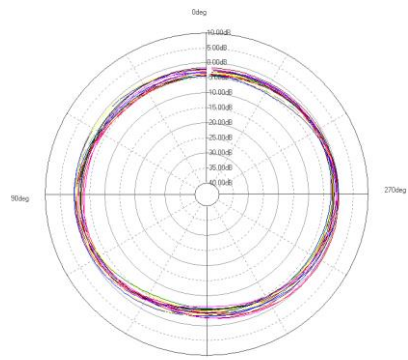


Radiation Pattern 4G (3/4) ANT5

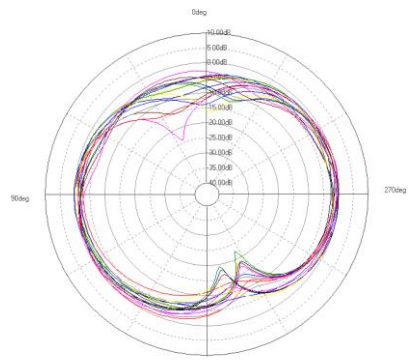
Legend

- 617.00(MHz)
- 652.00(MHz)
- 663.00(MHz)
- 698.00(MHz)
- 710.00(MHz)
- 734.00(MHz)
- 751.00(MHz)
- 768.00(MHz)
- 798.00(MHz)
- 824.00(MHz)
- 849.00(MHz)
- 869.00(MHz)
- 894.00(MHz)
- 925.00(MHz)
- 960.00(MHz)

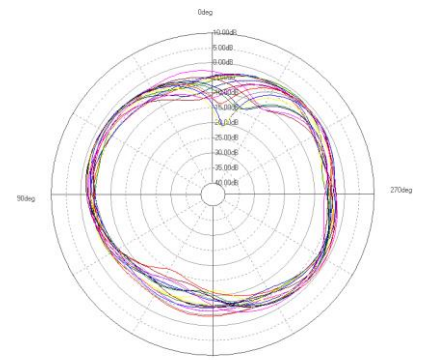
XY-plane



YZ-plane

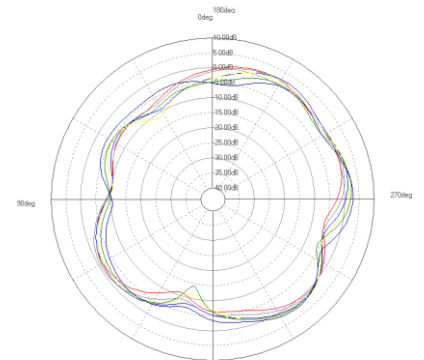
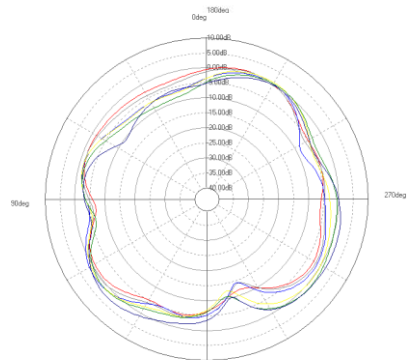
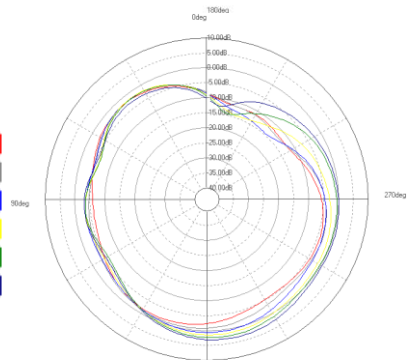


ZX-plane



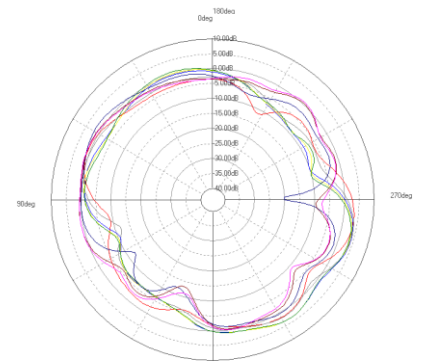
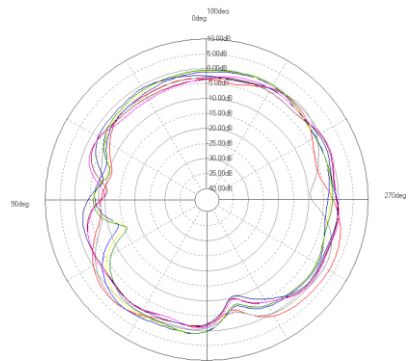
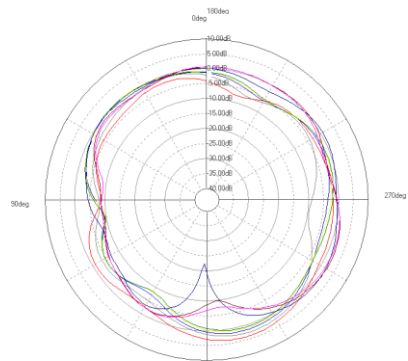
Legend

- 1427.00(MHz)
- 1447.00(MHz)
- 1475.00(MHz)
- 1496.00(MHz)
- 1517.00(MHz)
- 1559.00(MHz)



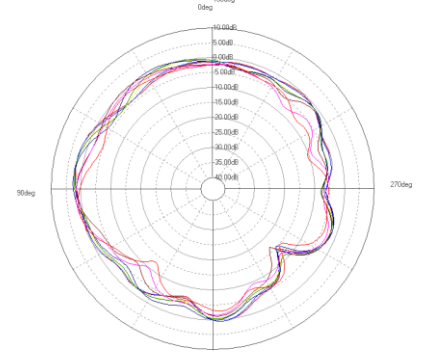
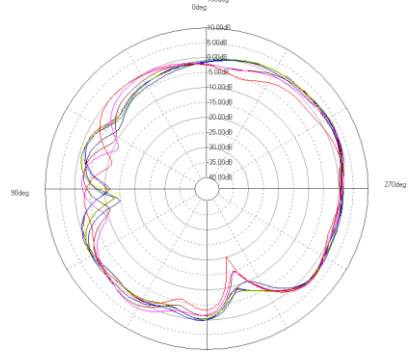
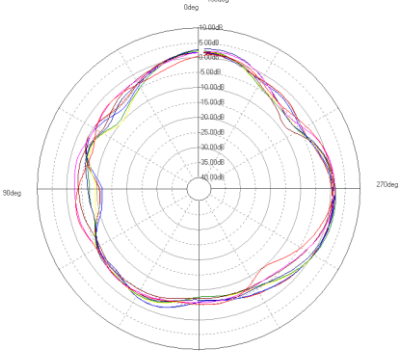
Legend

- 1710.00(MHz)
- 1805.00(MHz)
- 1880.00(MHz)
- 1920.00(MHz)
- 2110.00(MHz)
- 2170.00(MHz)
- 2200.00(MHz)



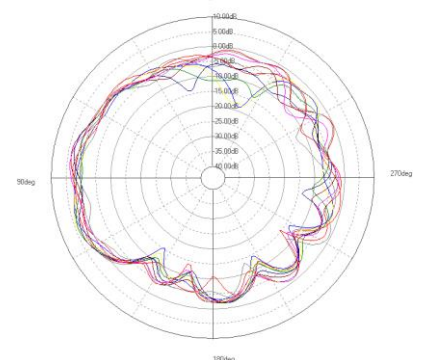
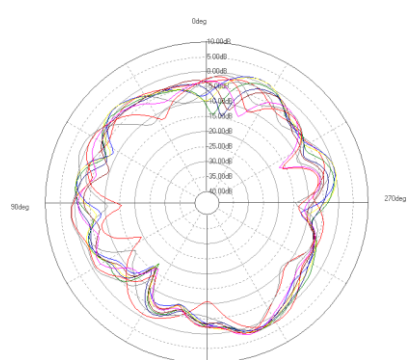
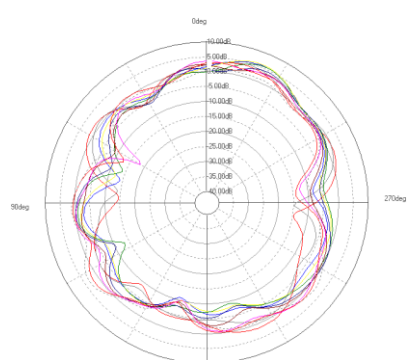
Legend

- 2300.00(MHz)
- 2305.00(MHz)
- 2315.00(MHz)
- 2350.00(MHz)
- 2360.00(MHz)
- 2400.00(MHz)
- 2500.00(MHz)
- 2595.00(MHz)
- 2690.00(MHz)



Legend

- 3300.00(MHz)
- 3400.00(MHz)
- 3550.00(MHz)
- 3600.00(MHz)
- 3700.00(MHz)
- 3800.00(MHz)
- 3900.00(MHz)
- 4000.00(MHz)
- 4100.00(MHz)
- 4200.00(MHz)

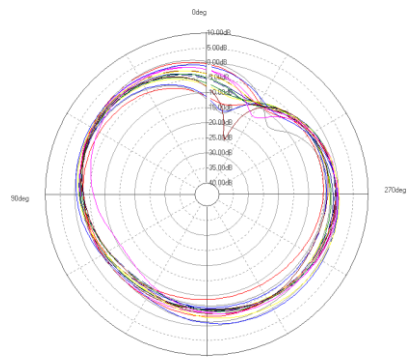


Radiation Pattern 4G (4/4) ANT7

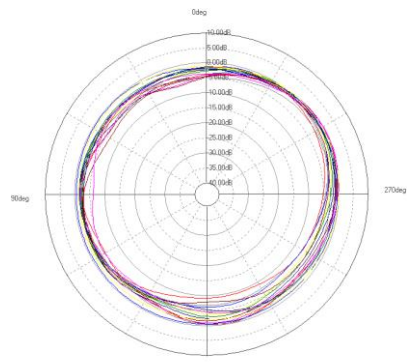
Legend

- 617.00(MHz)
- 652.00(MHz)
- 663.00(MHz)
- 698.00(MHz)
- 710.00(MHz)
- 734.00(MHz)
- 751.00(MHz)
- 768.00(MHz)
- 798.00(MHz)
- 824.00(MHz)
- 849.00(MHz)
- 869.00(MHz)
- 894.00(MHz)
- 925.00(MHz)
- 960.00(MHz)

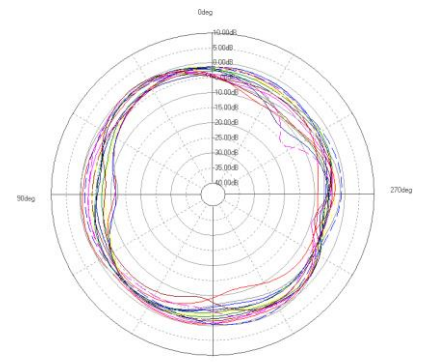
XY-plane



YZ-plane

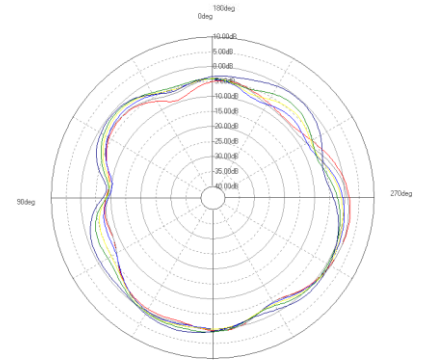
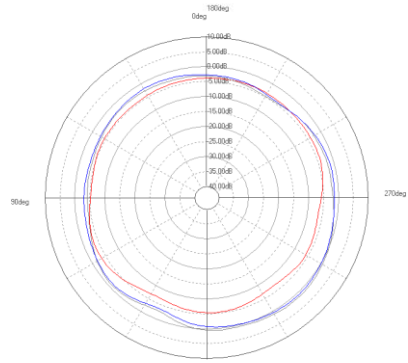
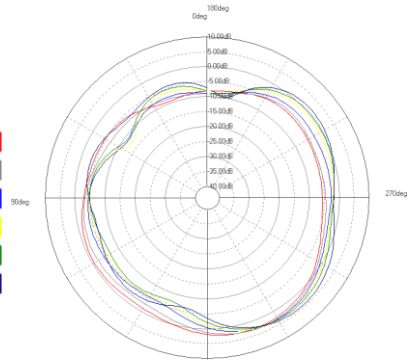


ZX-plane



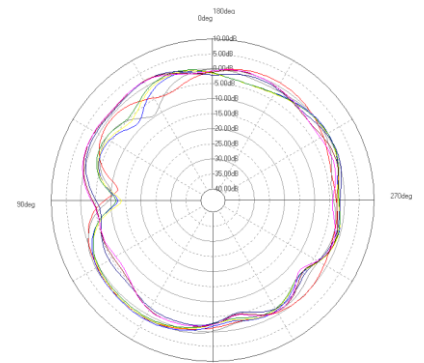
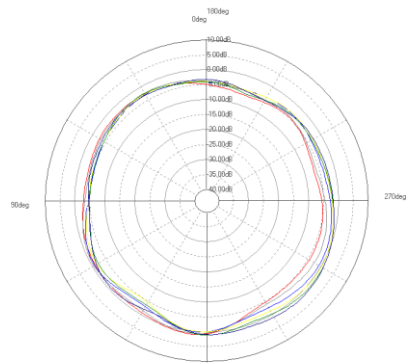
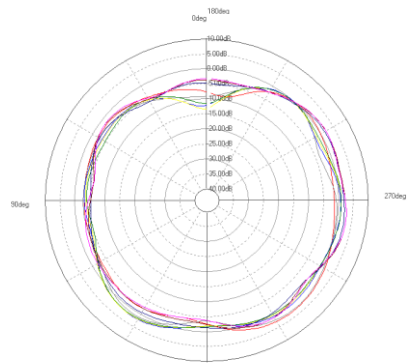
Legend

- 1427.00(MHz)
- 1447.00(MHz)
- 1475.00(MHz)
- 1496.00(MHz)
- 1517.00(MHz)
- 1559.00(MHz)



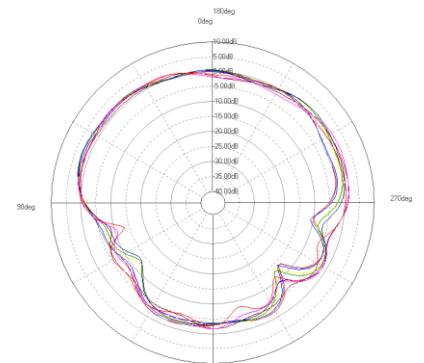
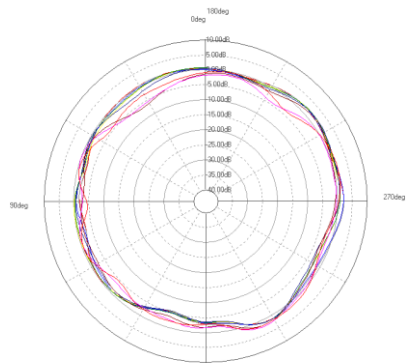
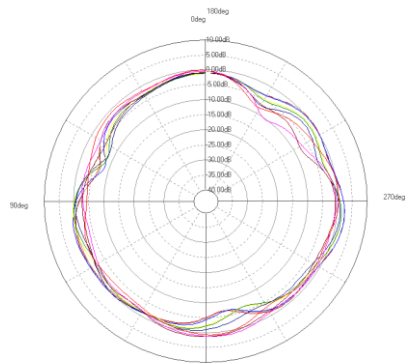
Legend

- 1710.00(MHz)
- 1805.00(MHz)
- 1880.00(MHz)
- 1920.00(MHz)
- 2110.00(MHz)
- 2170.00(MHz)
- 2200.00(MHz)



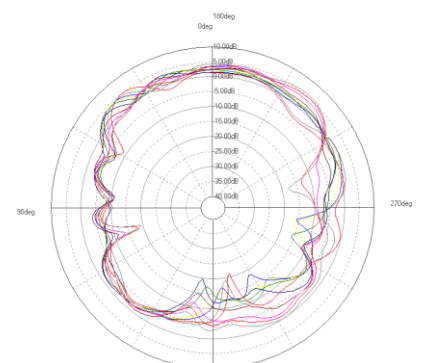
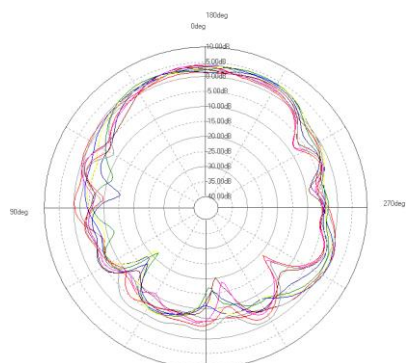
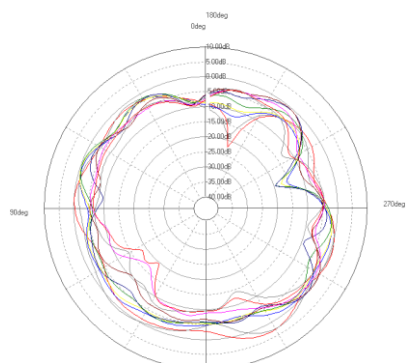
Legend

- 2300.00(MHz)
- 2305.00(MHz)
- 2315.00(MHz)
- 2350.00(MHz)
- 2360.00(MHz)
- 2400.00(MHz)
- 2500.00(MHz)
- 2595.00(MHz)
- 2690.00(MHz)



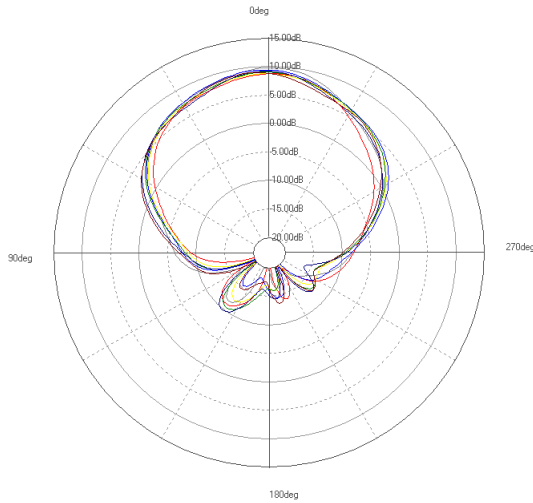
Legend

- 3300.00(MHz)
- 3400.00(MHz)
- 3550.00(MHz)
- 3600.00(MHz)
- 3700.00(MHz)
- 3800.00(MHz)
- 3900.00(MHz)
- 4000.00(MHz)
- 4100.00(MHz)
- 4200.00(MHz)

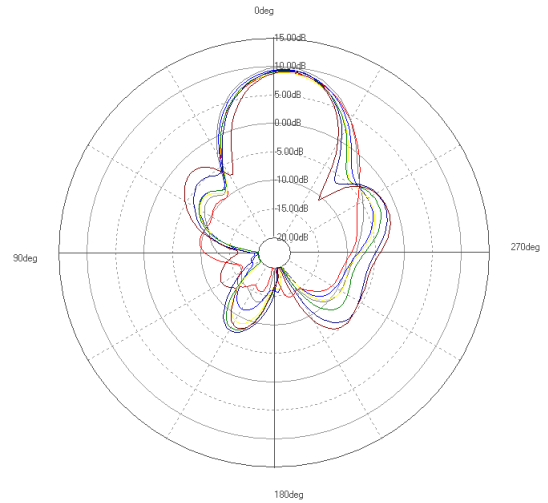


Radiation Pattern B42/43/48 n77 (1/4) ANT0

H-plane



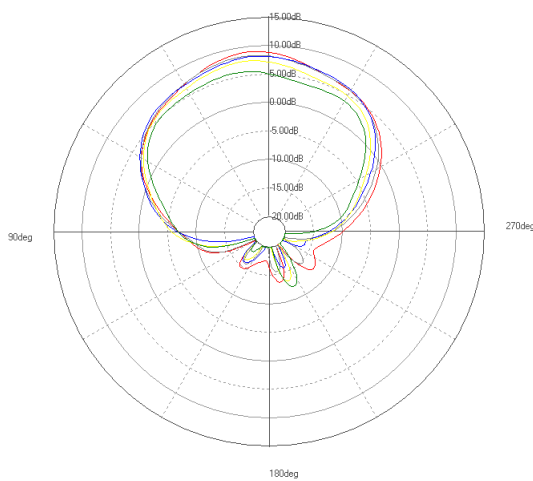
V-plane



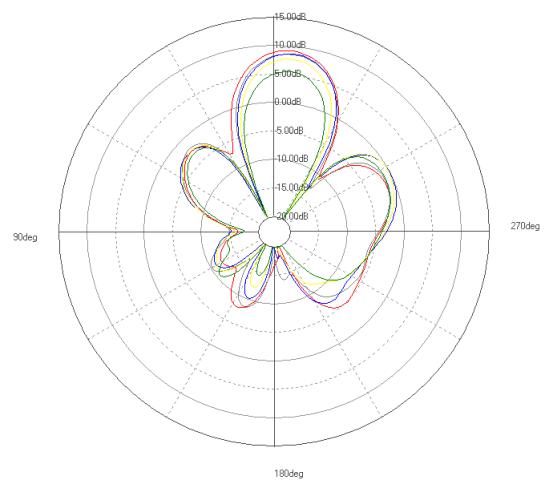
Legend

- 3300.00(MHz)
- 3400.00(MHz)
- 3500.00(MHz)
- 3550.00(MHz)
- 3600.00(MHz)
- 3700.00(MHz)
- 3800.00(MHz)

0deg



0deg

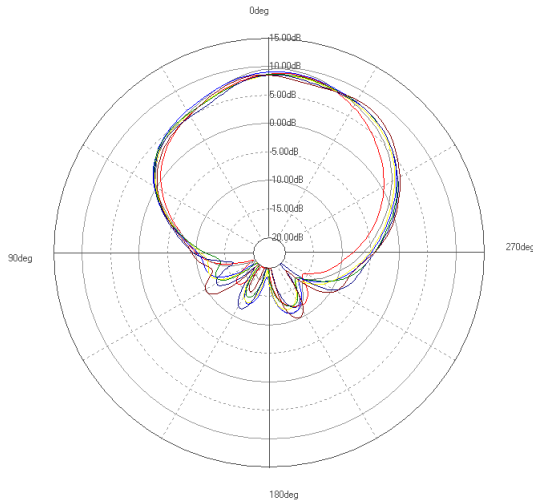


Legend

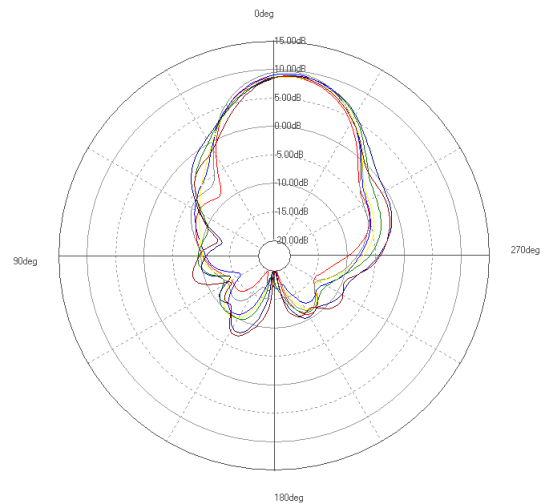
- 3800.00(MHz)
- 3900.00(MHz)
- 4000.00(MHz)
- 4100.00(MHz)
- 4200.00(MHz)

Radiation Pattern B42/43/48 n77 (2/4) ANT2

H-plane



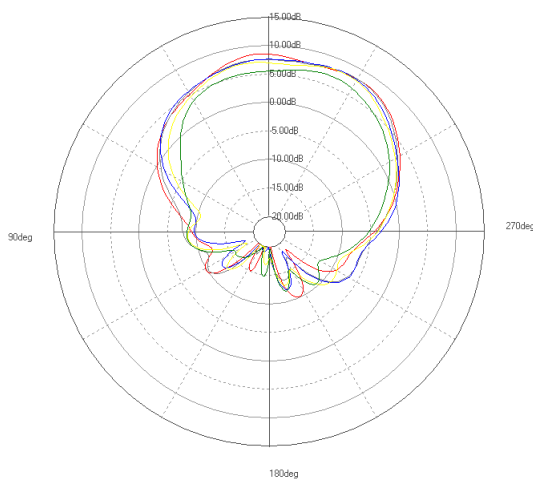
V-plane



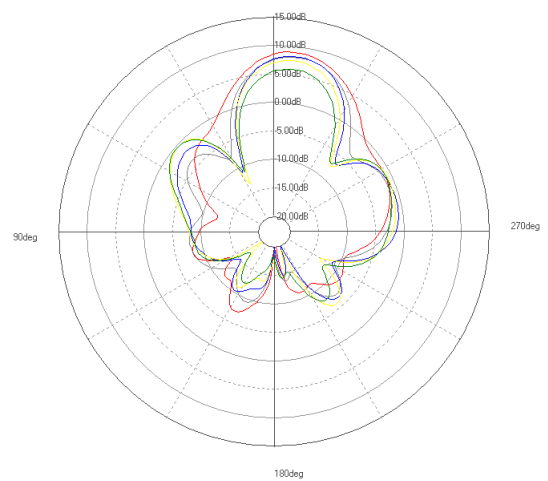
Legend

- 3300.00(MHz)
- 3400.00(MHz)
- 3500.00(MHz)
- 3550.00(MHz)
- 3600.00(MHz)
- 3700.00(MHz)
- 3800.00(MHz)

0deg



0deg

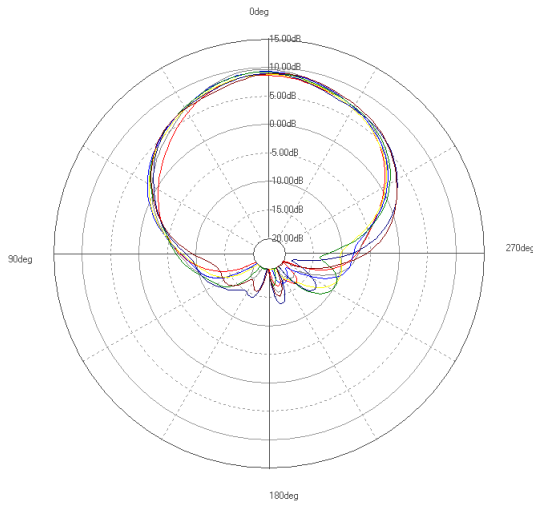


Legend

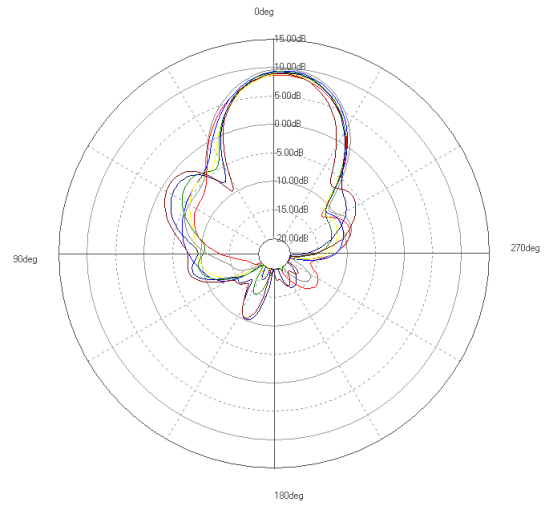
- 3800.00(MHz)
- 3900.00(MHz)
- 4000.00(MHz)
- 4100.00(MHz)
- 4200.00(MHz)

Radiation Pattern B42/43/48 n77 (3/4) ANT4

H-plane



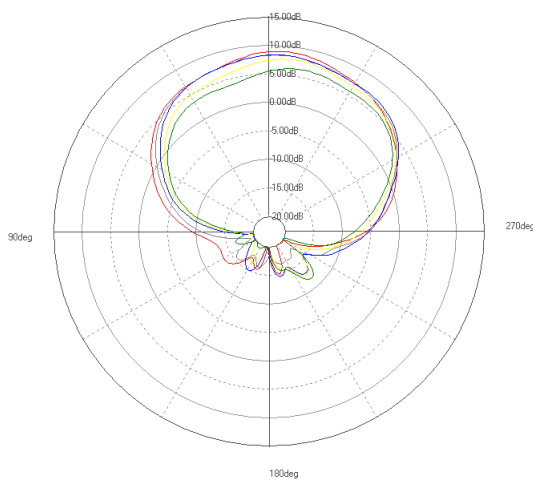
V-plane



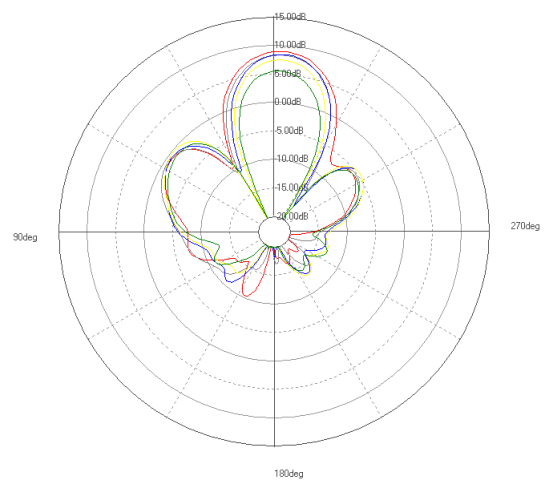
Legend

- 3300.00(MHz)
- 3400.00(MHz)
- 3500.00(MHz)
- 3550.00(MHz)
- 3600.00(MHz)
- 3700.00(MHz)
- 3800.00(MHz)

0deg



0deg

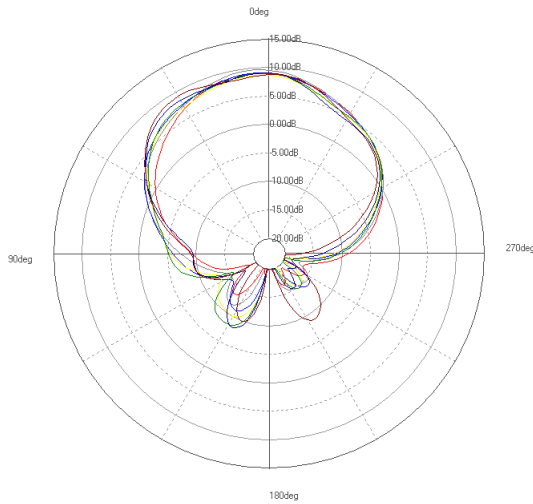


Legend

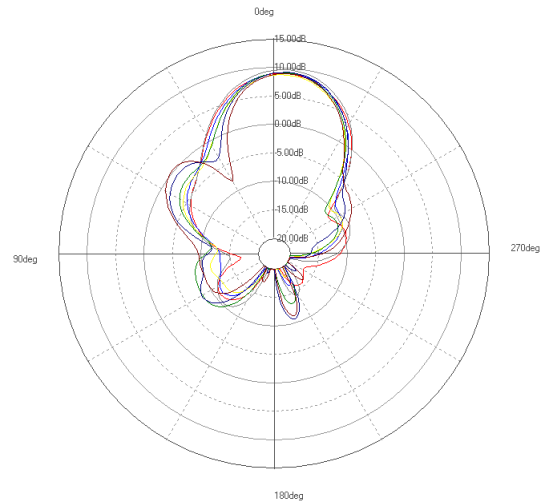
- 3800.00(MHz)
- 3900.00(MHz)
- 4000.00(MHz)
- 4100.00(MHz)
- 4200.00(MHz)

Radiation Pattern B42/43/48 n77 (4/4) ANT6

H-plane



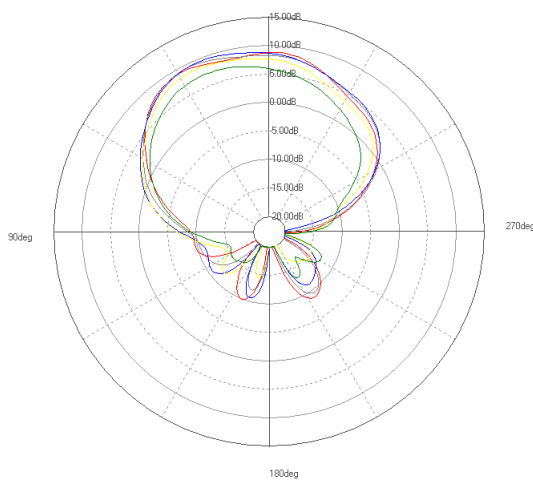
V-plane



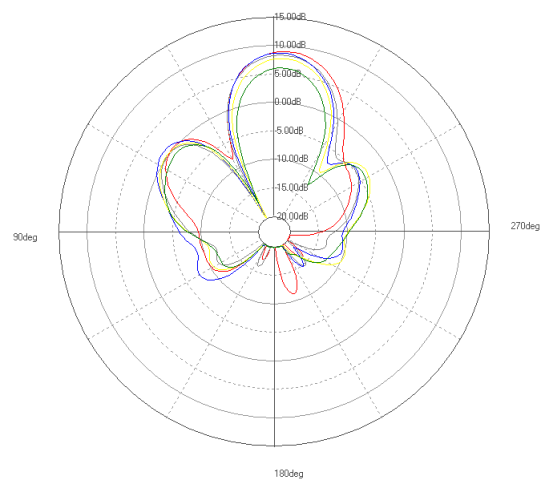
Legend

- 3300.00(MHz)
- 3400.00(MHz)
- 3500.00(MHz)
- 3550.00(MHz)
- 3600.00(MHz)
- 3700.00(MHz)
- 3800.00(MHz)

0deg



0deg



Legend

- 3800.00(MHz)
- 3900.00(MHz)
- 4000.00(MHz)
- 4100.00(MHz)
- 4200.00(MHz)

Radiation Pattern WiFi ANT8

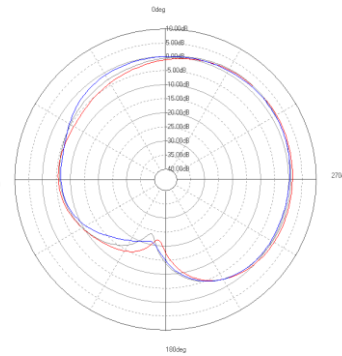
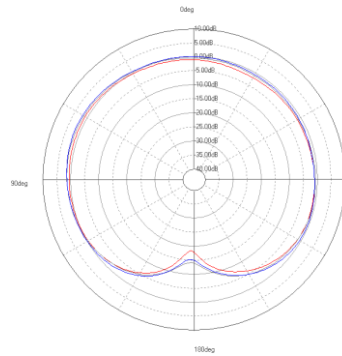
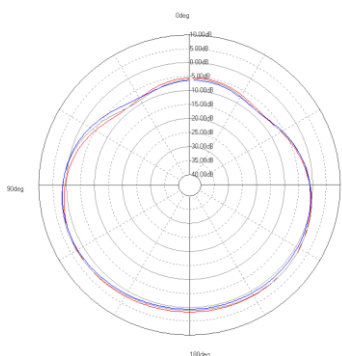
XY-plane

YZ-plane

ZX-plane

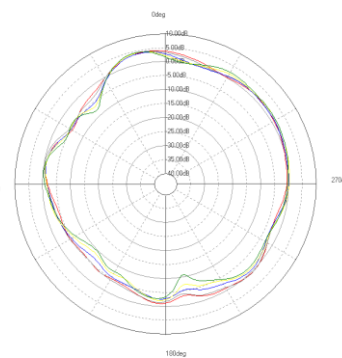
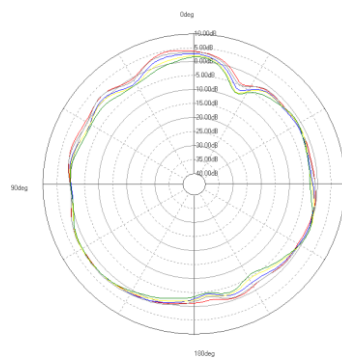
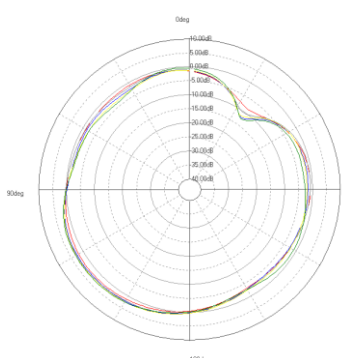
Legend

- 2400.00(MHz)
- 2450.00(MHz)
- 2500.00(MHz)



Legend

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



Radiation Pattern WiFi ANT9

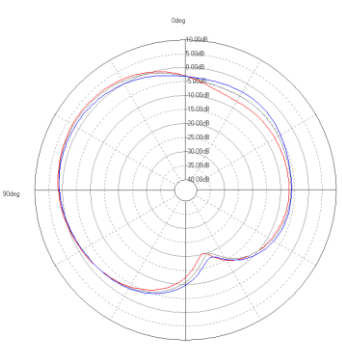
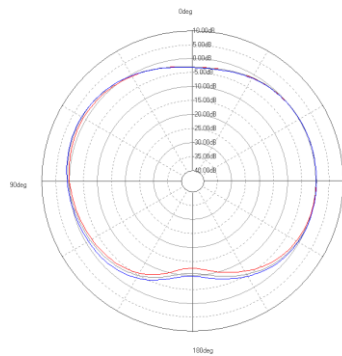
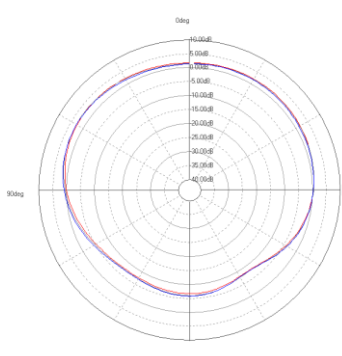
XY-plane

YZ-plane

ZX-plane

Legend

- 2400.00(MHz)
- 2450.00(MHz)
- 2500.00(MHz)



Legend

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

