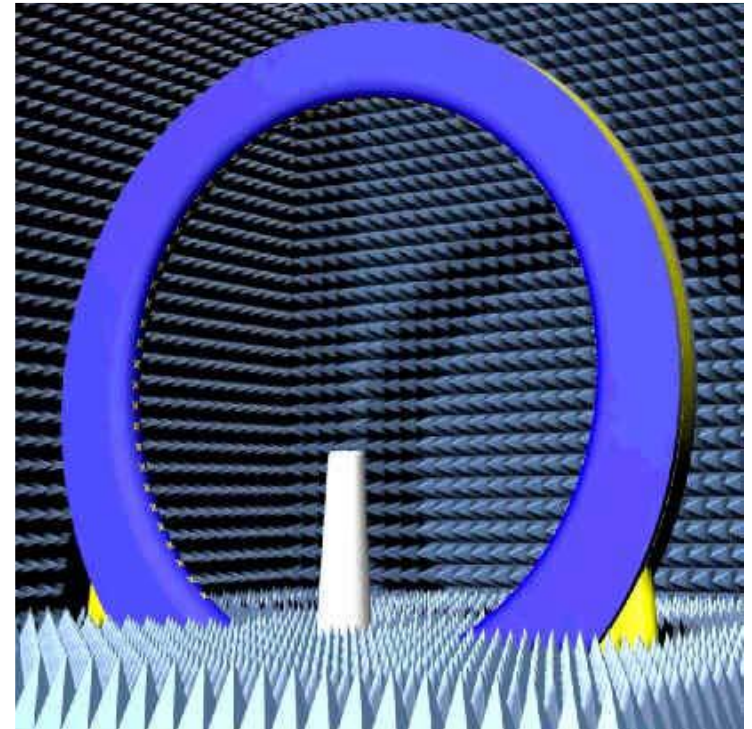
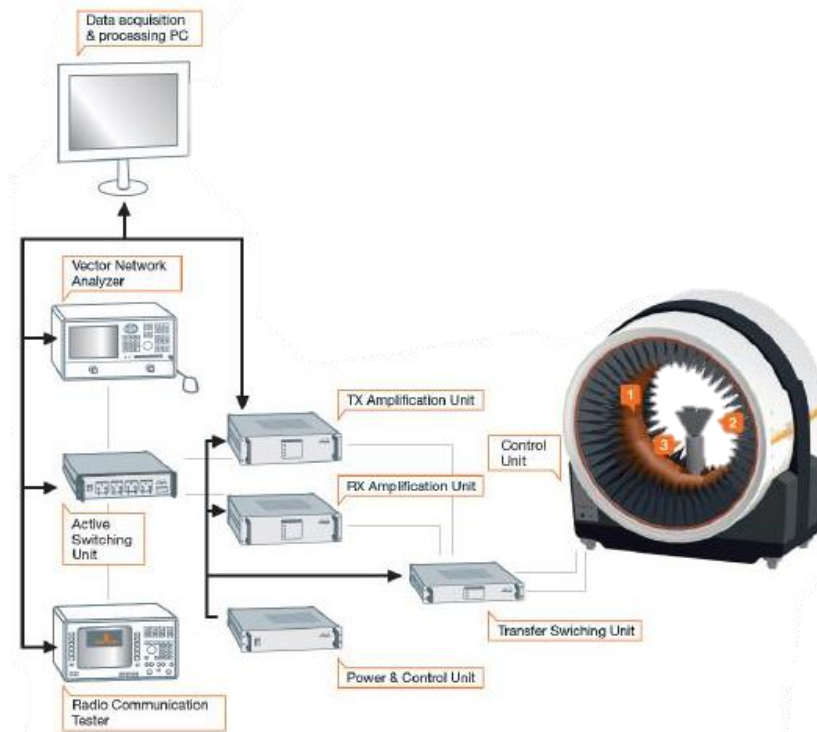


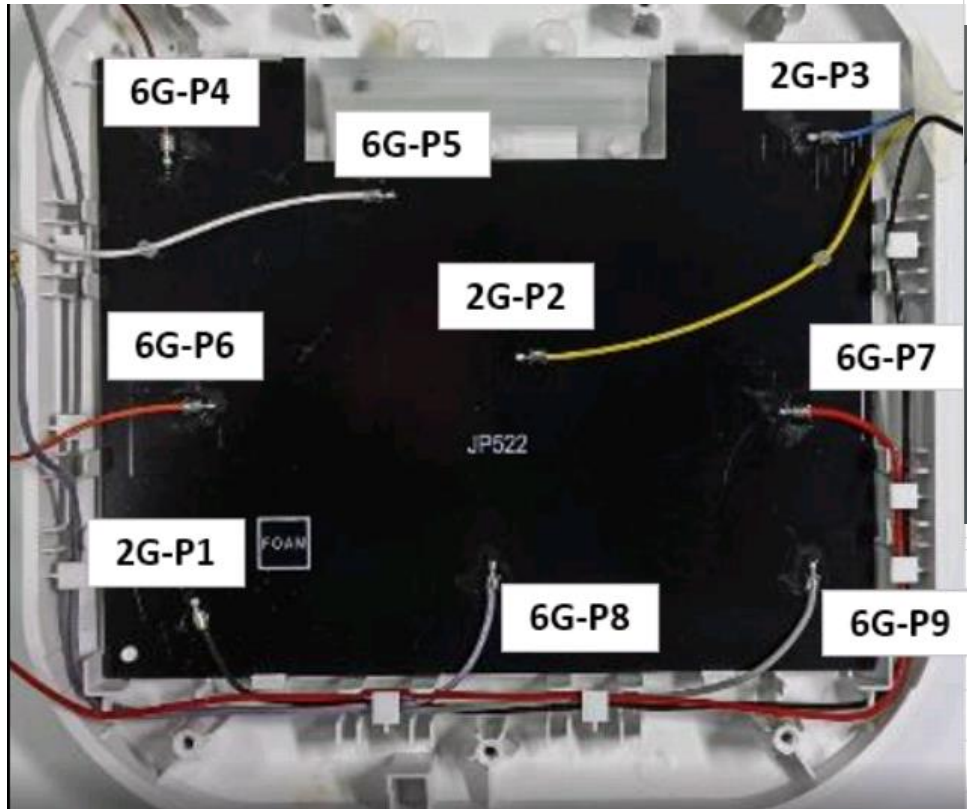
WAX20D Antenna Pattern

Antenna Measure equipment

SATIMO Antenna measure system



WAX620D- Antenna Placement

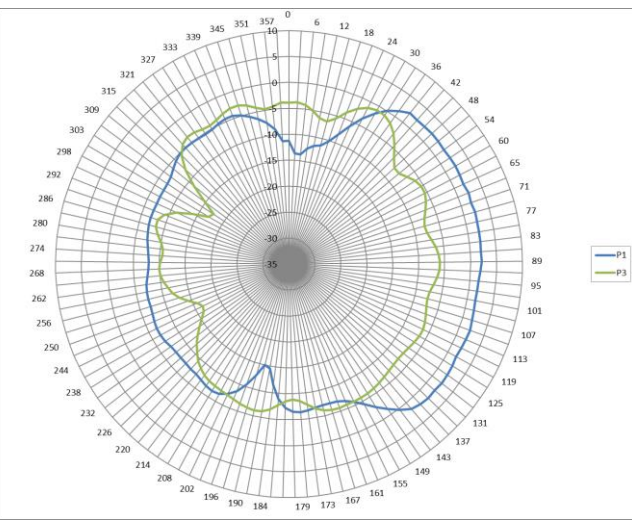


2.4Gx3, two mode.
5G/6E x6, two mode.

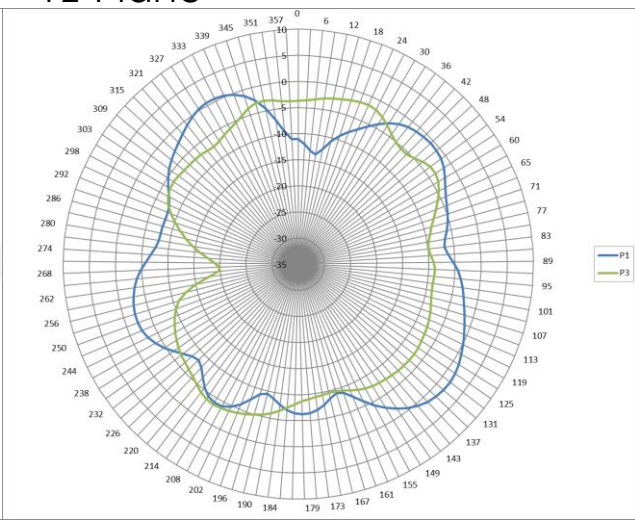
Radio1: 2.4G Antenna

Ceiling		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
2400~2483.5MHz	P1	2.3	1.81	-0.3
	P3	-0.87	-1.67	-1.9

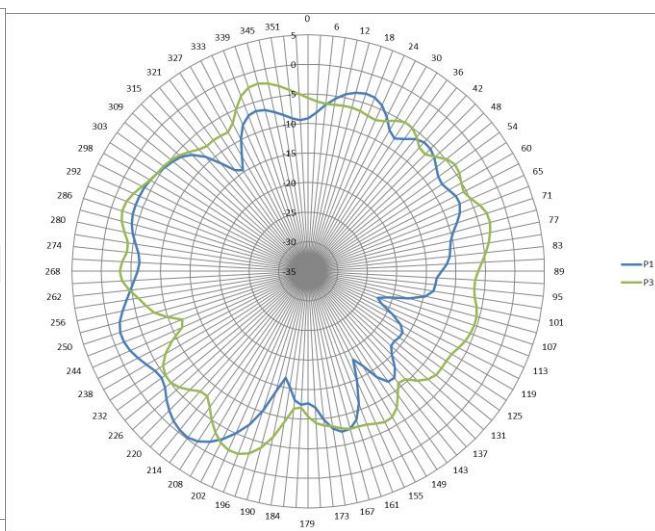
XZ-Plane



YZ-Plane



XY-Plane



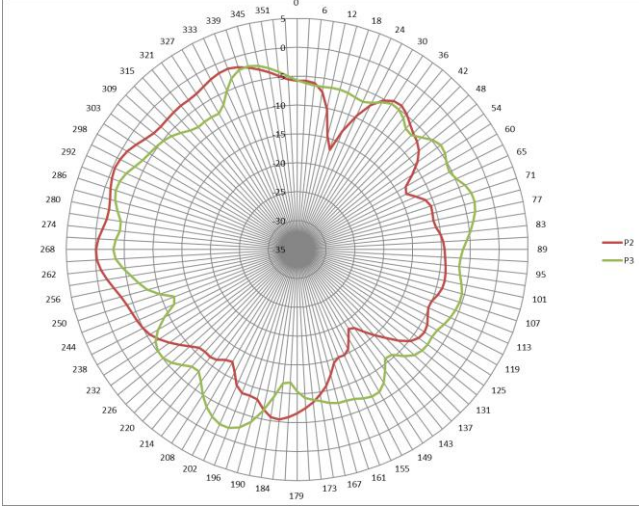
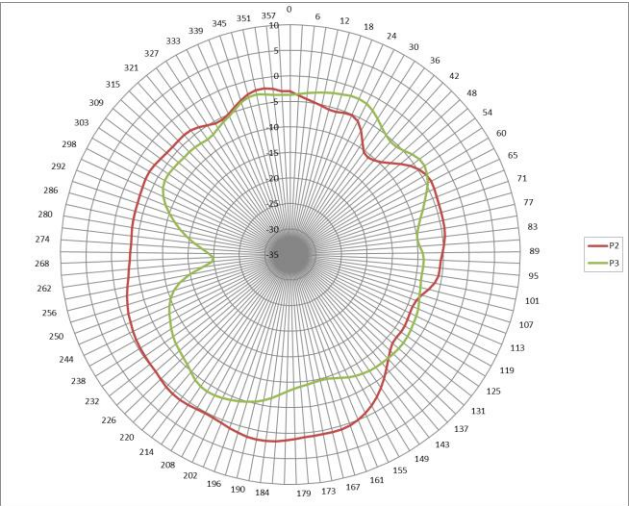
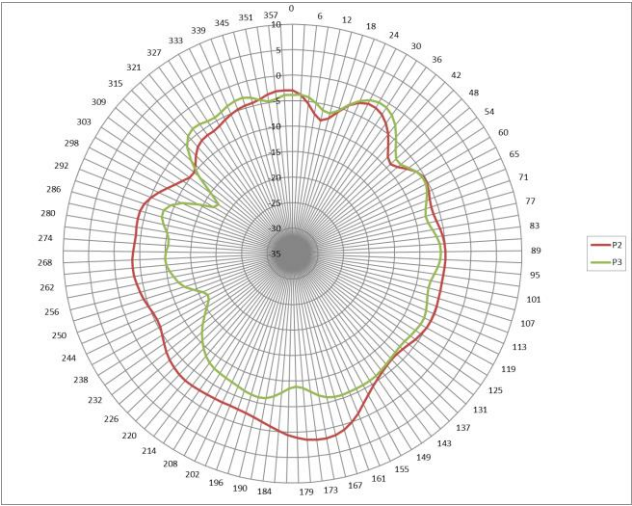
Radio1: 2.4G Antenna

Wall		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
2400~2483.5MHz	P2	1.87	1.81	0.1
	P3	-0.87	-1.67	-1.9

XZ-Plane

YZ-Plane

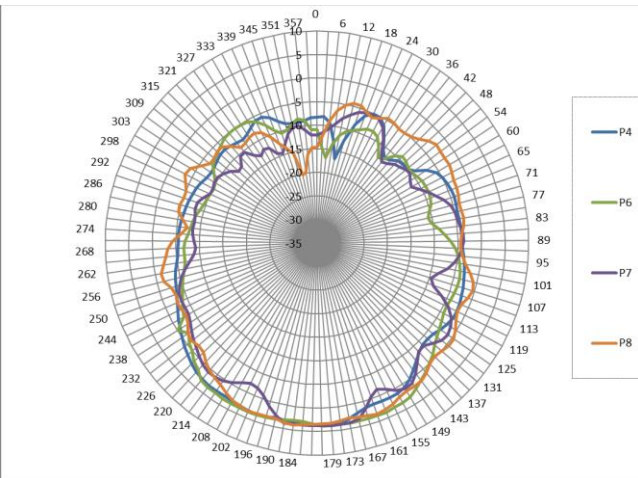
XY-Plane



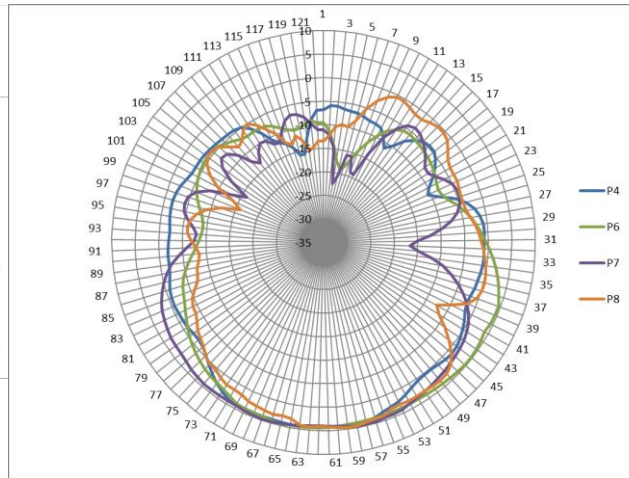
Radio 2: 5G Antenna

Ceiling		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
5150~5250MHz	P4	3.75	3.43	-0.8
	P6	3.94	3.75	0.5
	P7	3.86	3.73	1
	P8	3.94	3.62	2

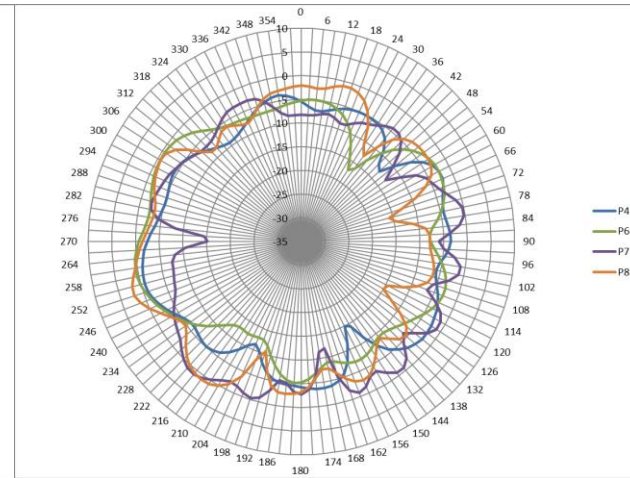
XZ-Plane



YZ-Plane



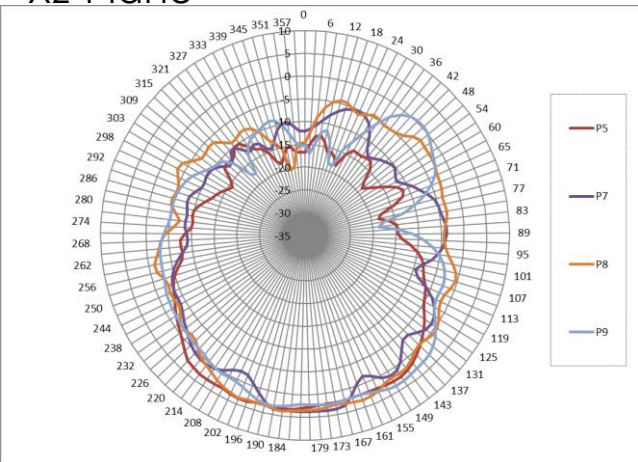
XY-Plane



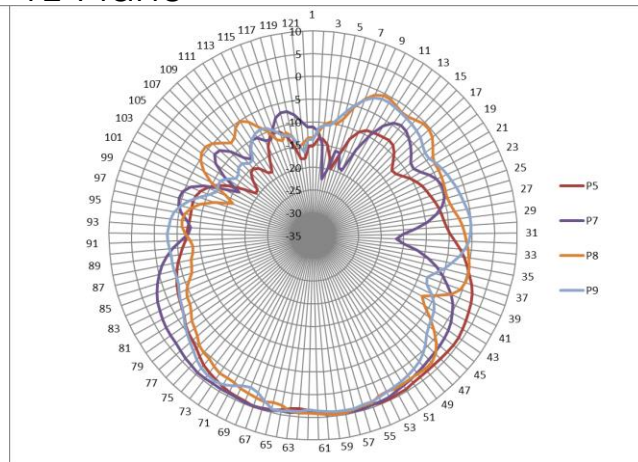
Radio 2: 5G Antenna

Wall		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
5150~5250MHz	P5	3.76	3.48	-0.9
	P7	3.86	3.73	1
	P8	3.94	3.62	2
	P9	3.65	3.42	1.6

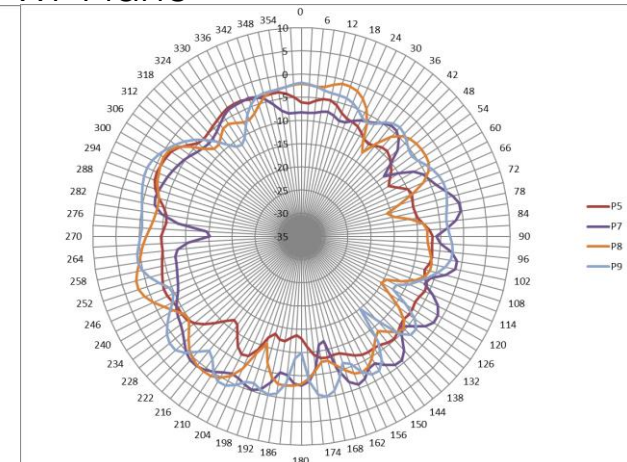
XZ-Plane



YZ-Plane



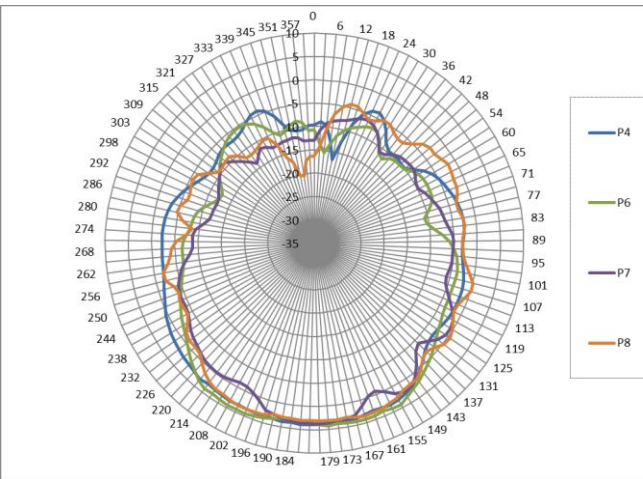
XY-Plane



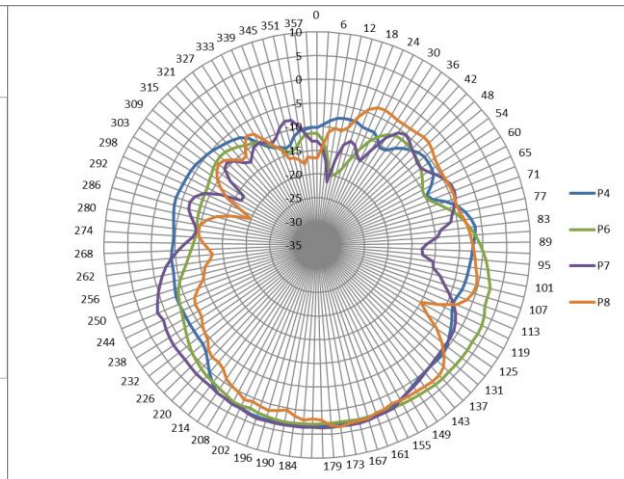
Radio 2: 5G Antenna

Ceiling		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
5250~5350MHz	P4	4.02	3.97	0.4
	P6	4.4	4.2	1.6
	P7	3.76	2.87	0.9
	P8	3.64	3.46	1.9

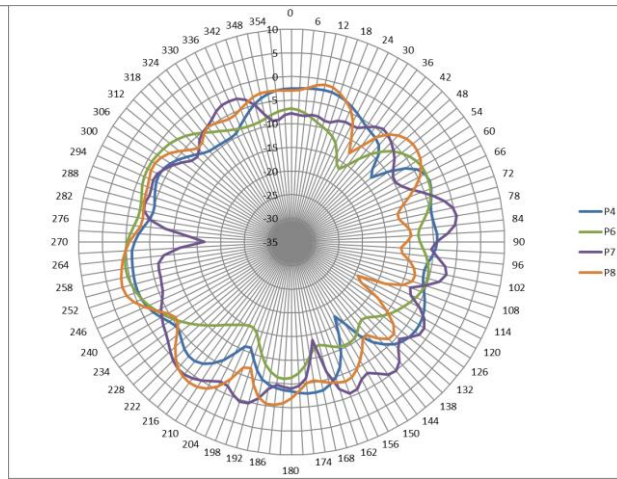
XZ-Plane



YZ-Plane



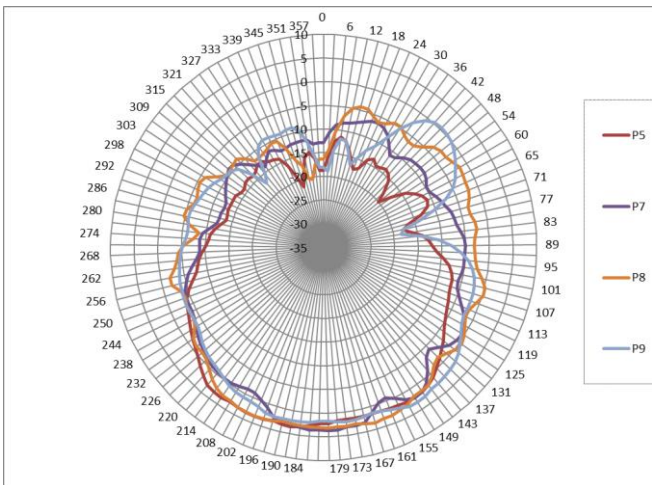
XY-Plane



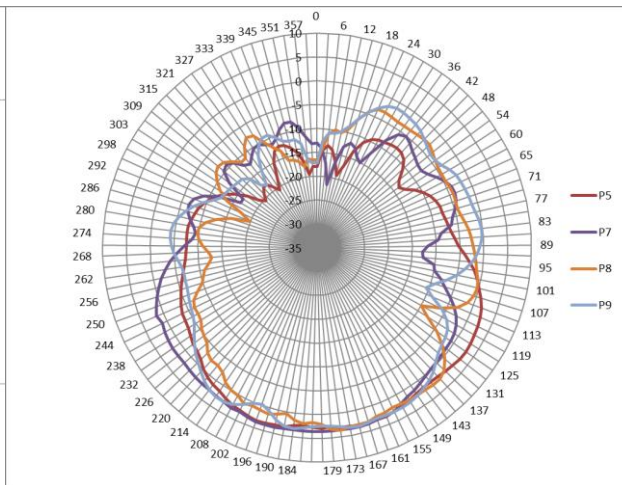
Radio 2: 5G Antenna

Wall		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
5250~5350MHz	P5	3.56	3.24	-0.4
	P7	3.76	2.87	0.9
	P8	3.64	3.46	1.9
	P9	3.22	3.03	1.2

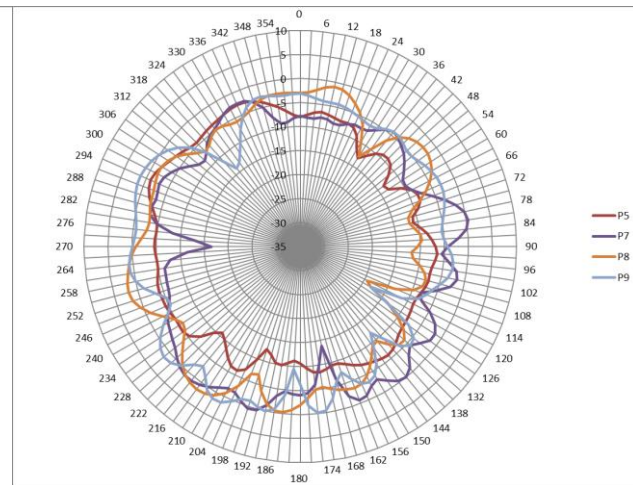
XZ-Plane



YZ-Plane



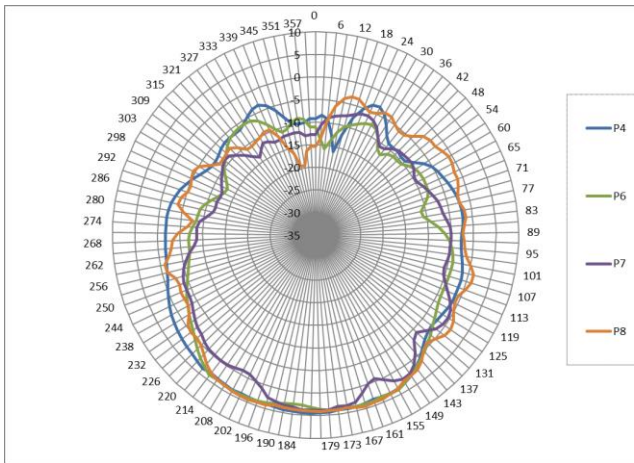
XY-Plane



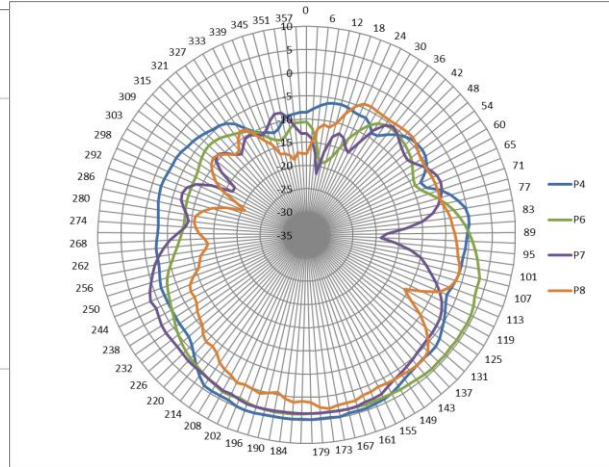
Radio 2: 5G Antenna

Ceiling		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
5470~5725MHz	P4	4.51	5.07	-0.8
	P6	4.08	4.54	-0.2
	P7	3.89	3.67	-0.6
	P8	4.58	2.76	-1.3

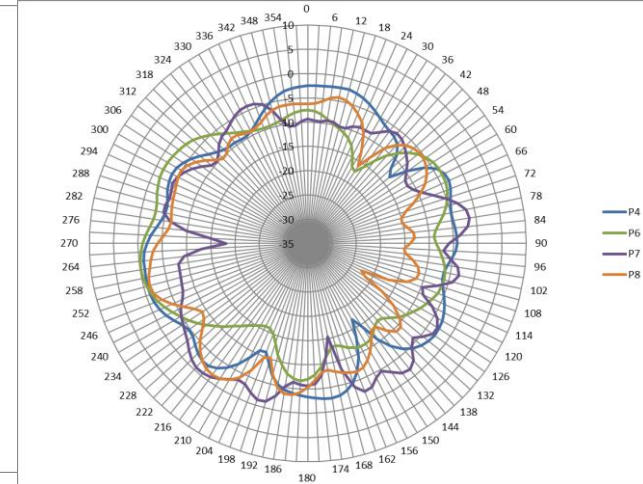
XZ-Plane



YZ-Plane



XY-Plane



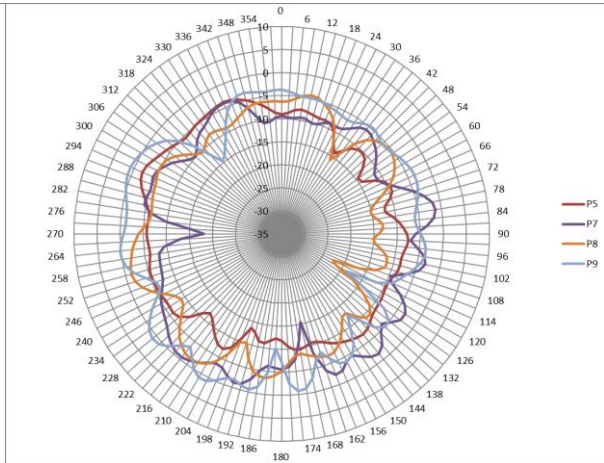
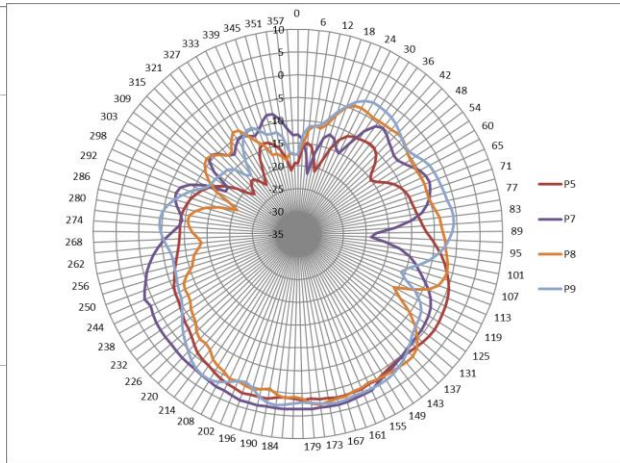
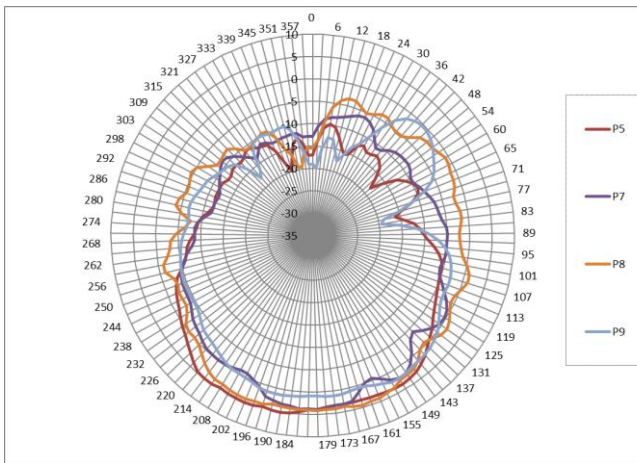
Radio 2: 5G Antenna

Wall		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
5470~5725MHz	P5	5.25	2.04	-2
	P7	3.89	3.64	-0.6
	P8	4.58	2.54	-1.3
	P9	2.27	3.05	1

XZ-Plane

YZ-Plane

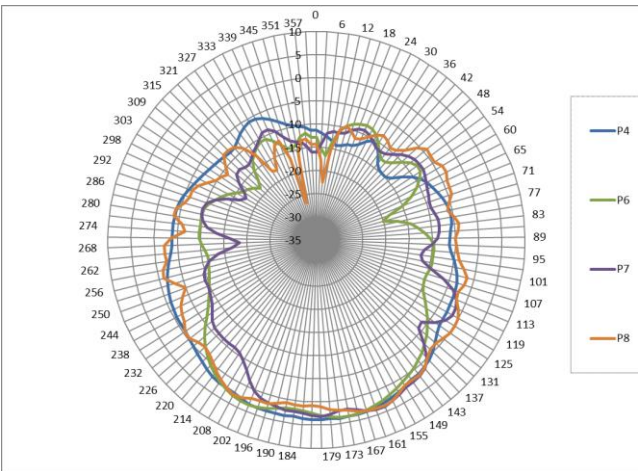
XY-Plane



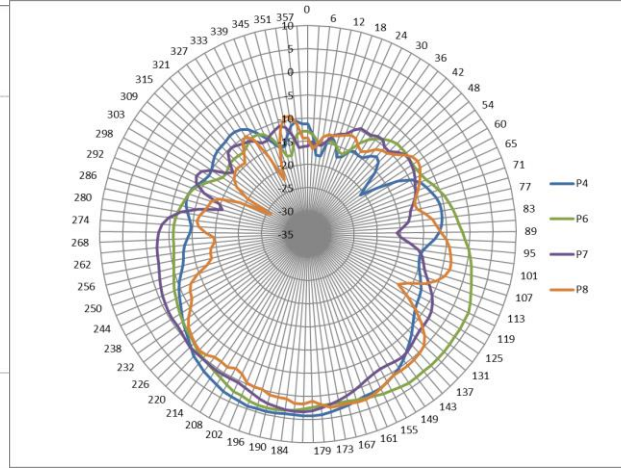
Radio 2: 5G Antenna

Ceiling		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
5725~5850MHz	P4	3.89	4.44	-1.3
	P6	3.69	3.9	-1.7
	P7	3.91	3.42	-1.9
	P8	3.73	2.86	-0.8

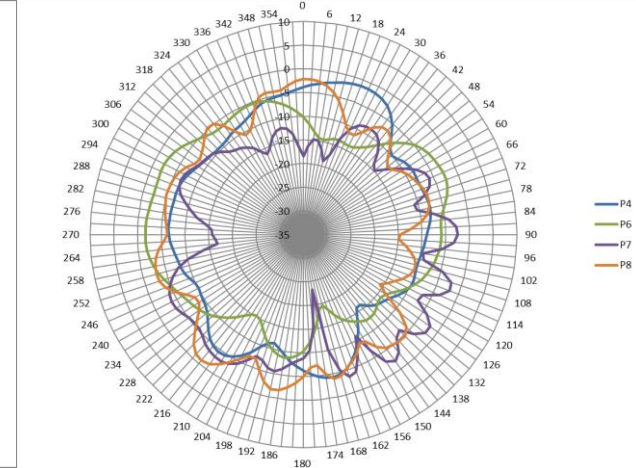
XZ-Plane



YZ-Plane



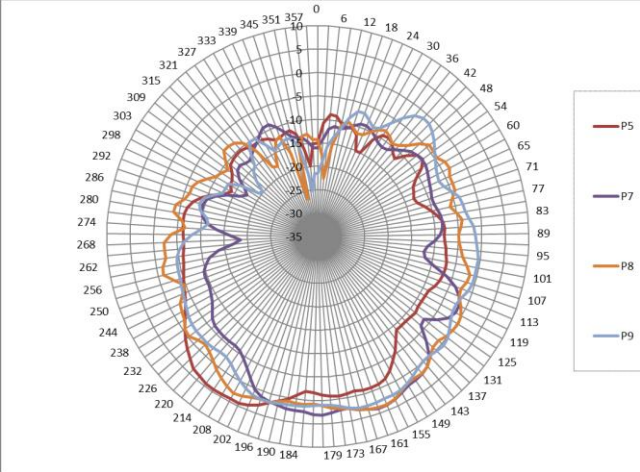
XY-Plane



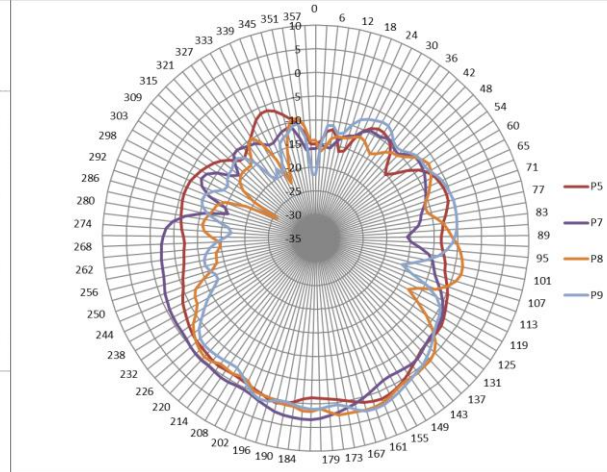
Radio 2: 5G Antenna

Wall		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
5725~5850MHz	P5	4.54	1.67	-1.9
	P7	3.91	3.42	-1.9
	P8	3.73	2.86	-0.8
	P9	2.68	3.25	-0.7

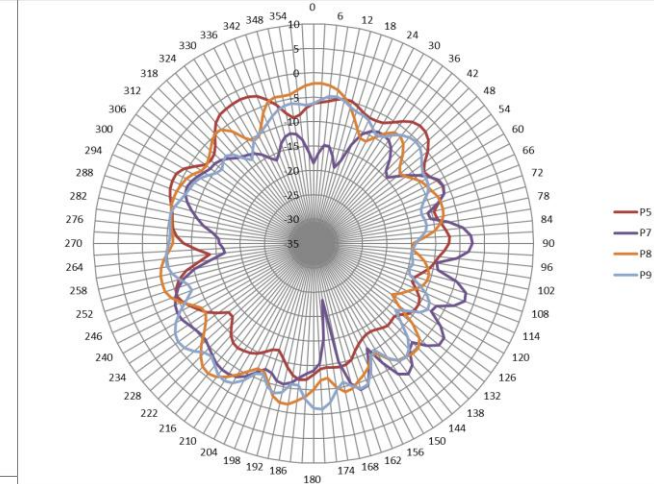
XZ-Plane



YZ-Plane



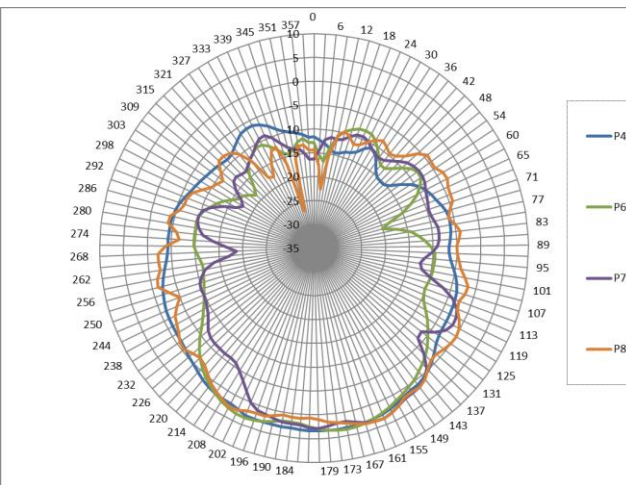
XY-Plane



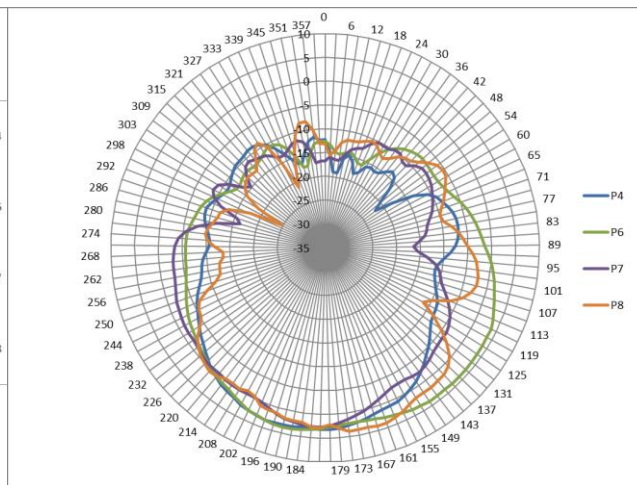
Radio 2: 6E Antenna

Ceiling		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
5925~6425MHz	P4	3.47	3.41	-0.4
	P6	3.67	4.12	-1.5
	P7	3.63	2.69	-0.5
	P8	3.64	4.02	-1.2

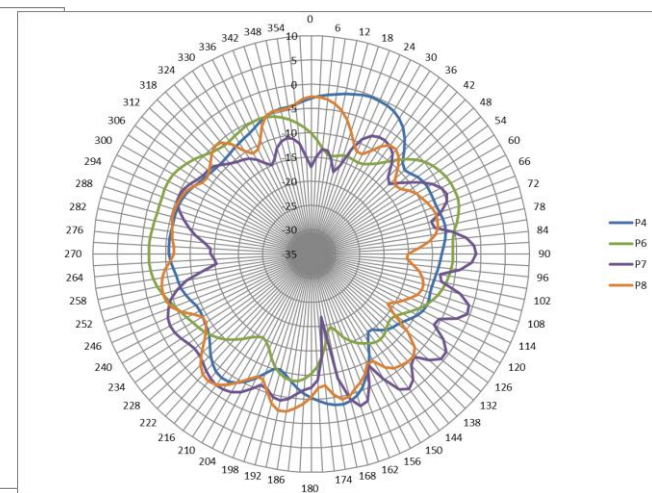
XZ-Plane



YZ-Plane



XY-Plane



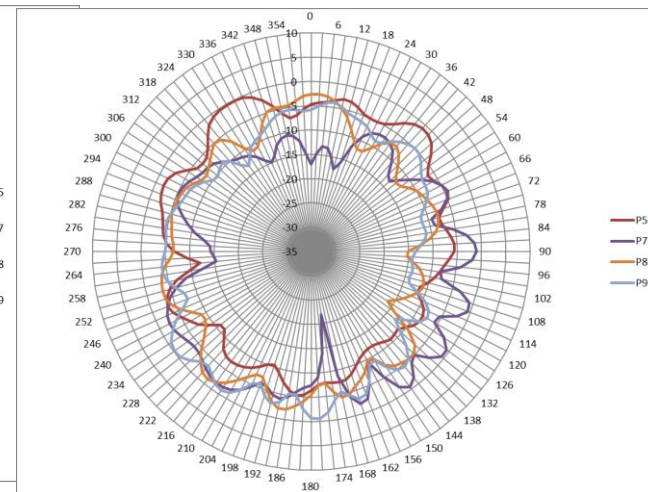
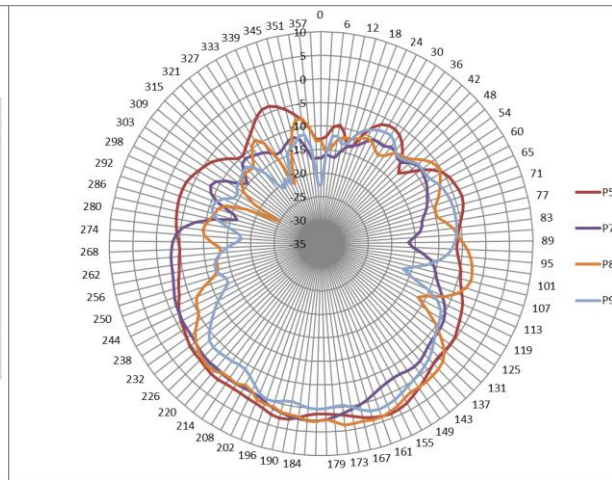
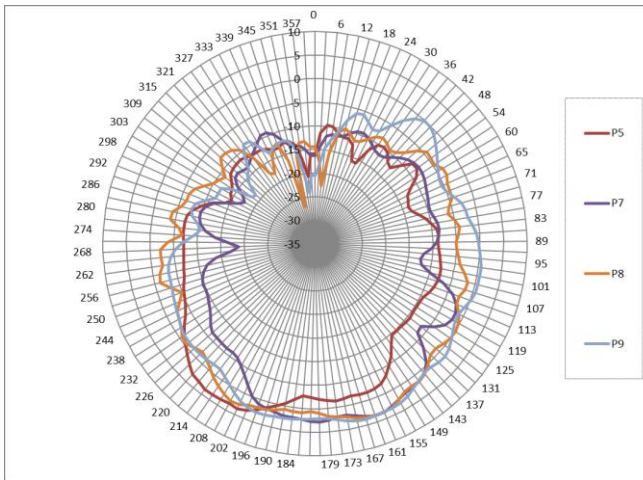
Radio 2: 6E Antenna

Wall		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
5925~6425MHz	P5	3.75	4.03	-0.2
	P7	3.67	4.12	-0.5
	P8	3.63	2.69	-1.2
	P9	3.73	2.29	-0.2

XZ-Plane

YZ-Plane

XY-Plane



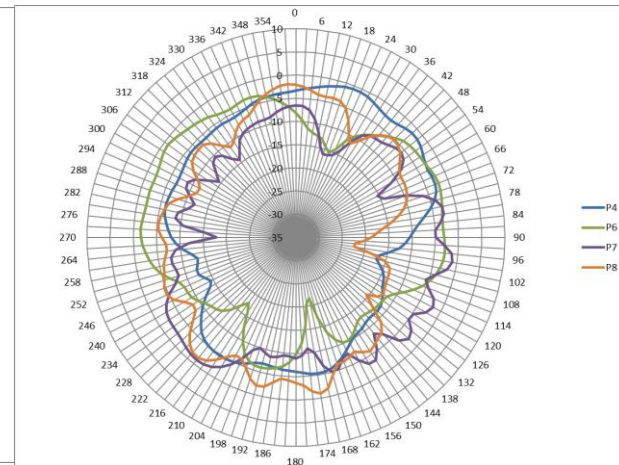
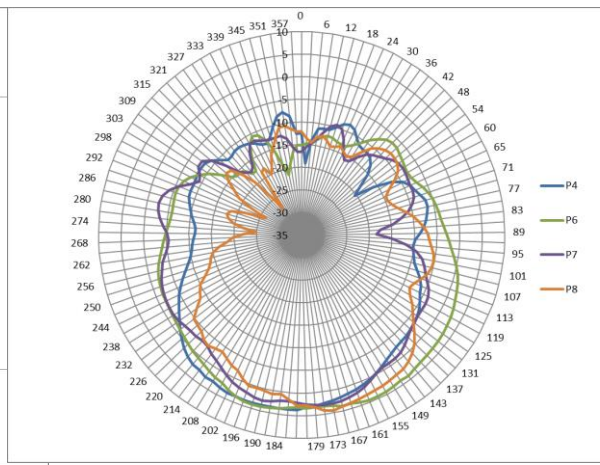
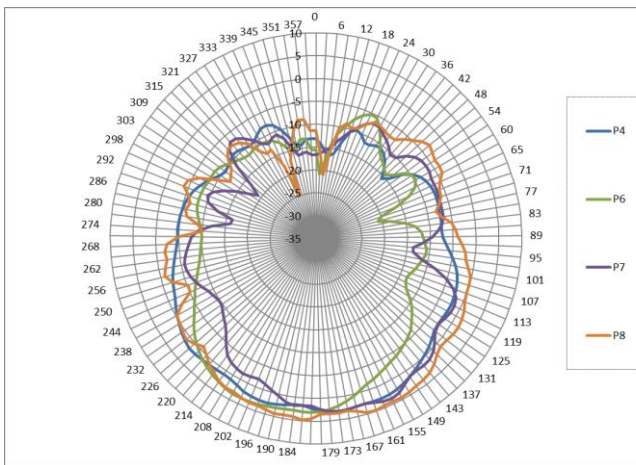
Radio 2: 6E Antenna

Ceiling		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
6425~6525MHz	P4	3.37	3.78	-0.7
	P6	3.66	4.54	-1
	P7	3.8	2.97	-0.9
	P8	4.87	4.51	-0.9

XZ-Plane

YZ-Plane

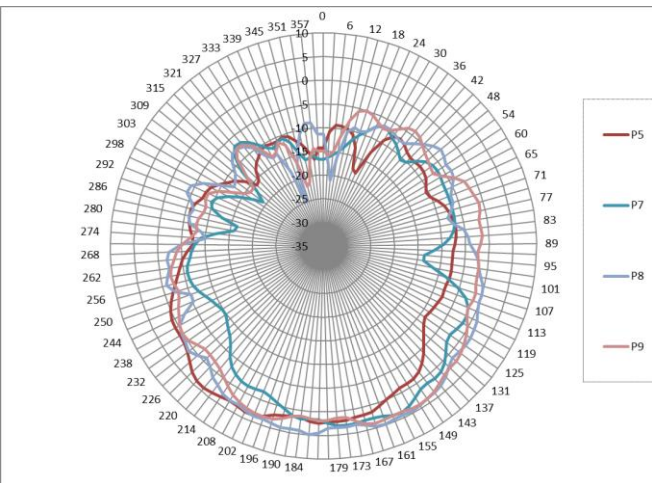
XY-Plane



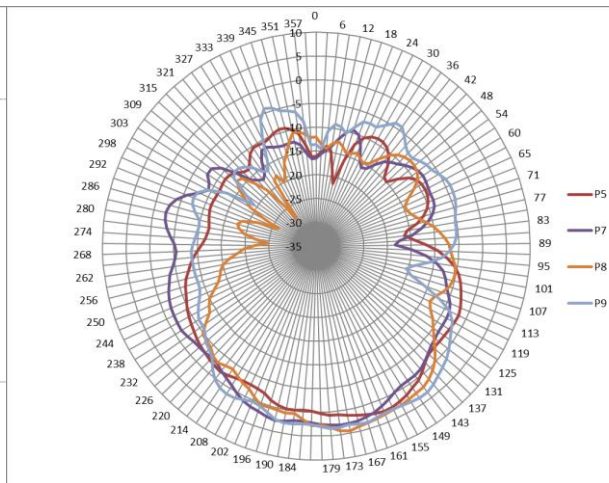
Radio 2: 6E Antenna

Wall		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
6425~6525MHz	P5	4.15	2.56	0.2
	P7	3.66	4.54	-0.9
	P8	3.8	2.97	-0.9
	P9	4.1	3.71	-1.1

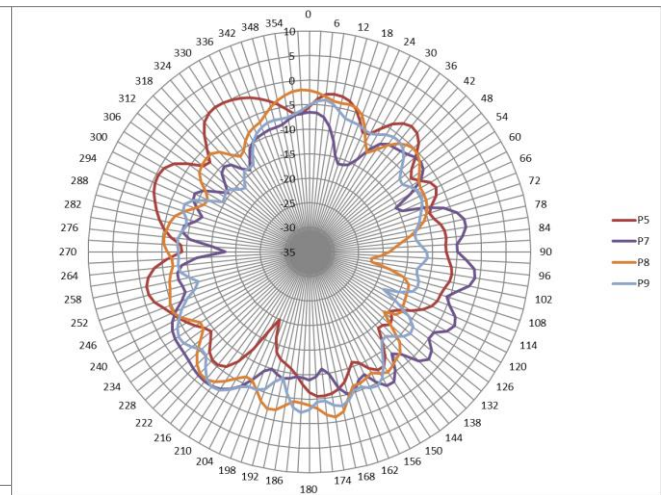
XZ-Plane



YZ-Plane



XY-Plane



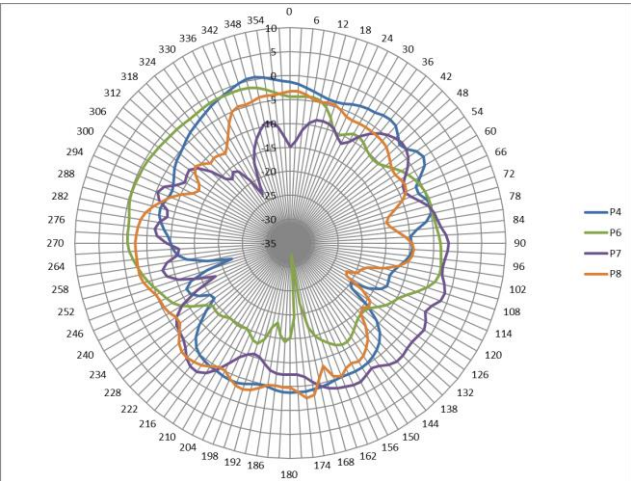
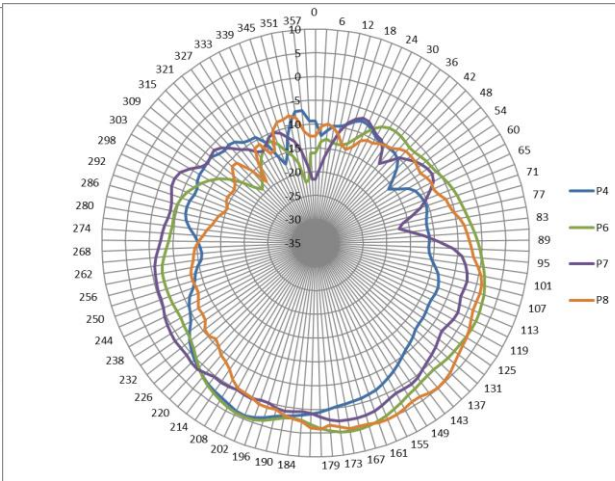
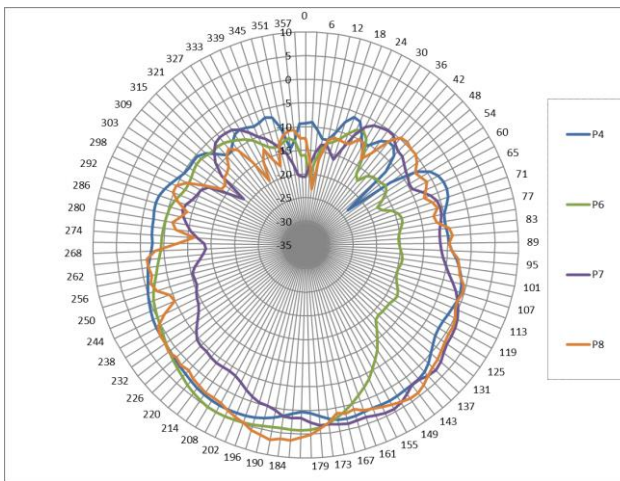
Radio 2: 6E Antenna

Ceiling		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
6525~6875MHz	P4	3.52	4.25	0.5
	P6	5.09	5.23	-0.2
	P7	4.37	2.8	-1
	P8	6.83	5.04	-2.4

XZ-Plane

YZ-Plane

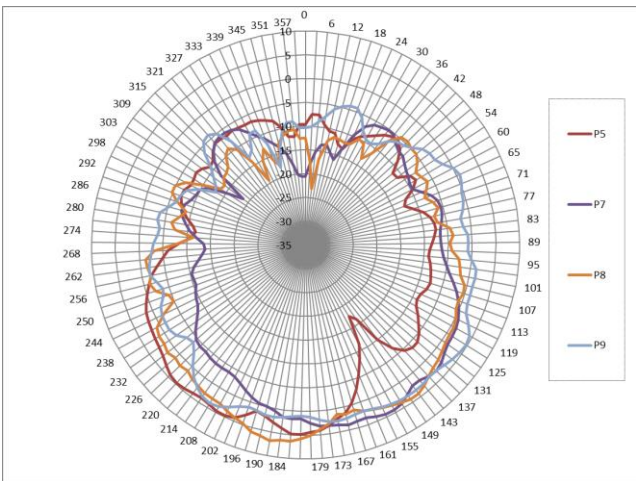
XY-Plane



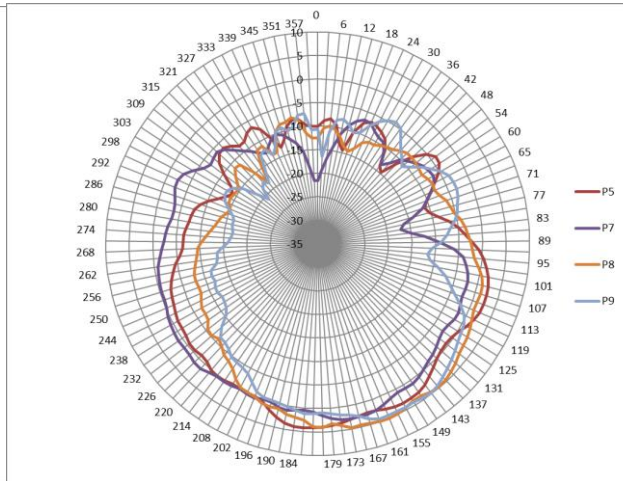
Radio 2: 6E Antenna

Wall		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
6525~6875MHz	P5	4.9	4.2	-0.3
	P7	5.09	5.23	-1
	P8	4.37	2.8	-2.4
	P9	4.79	4.74	0.4

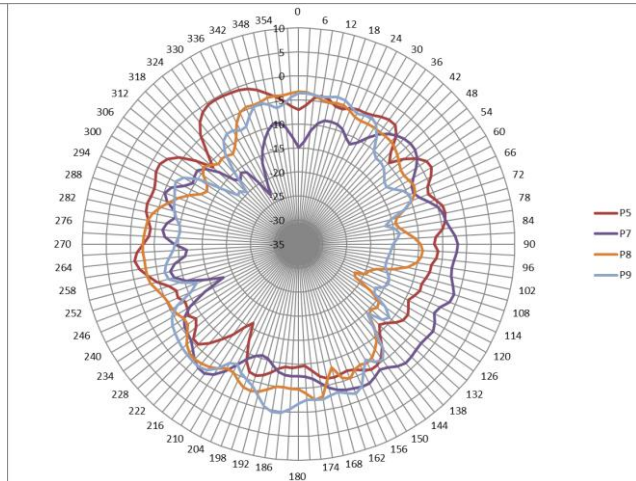
XZ-Plane



YZ-Plane



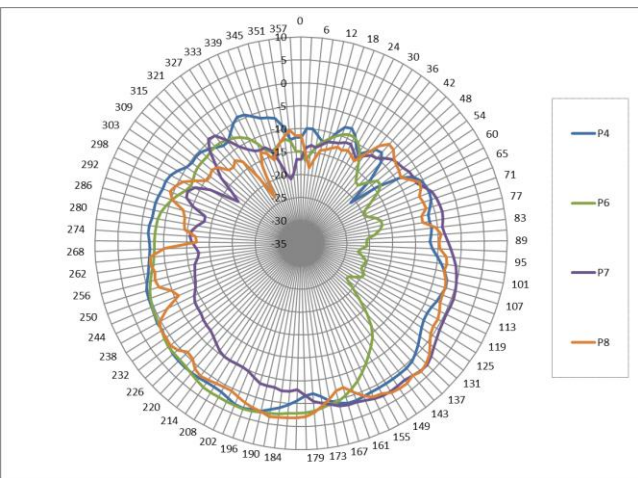
XY-Plane



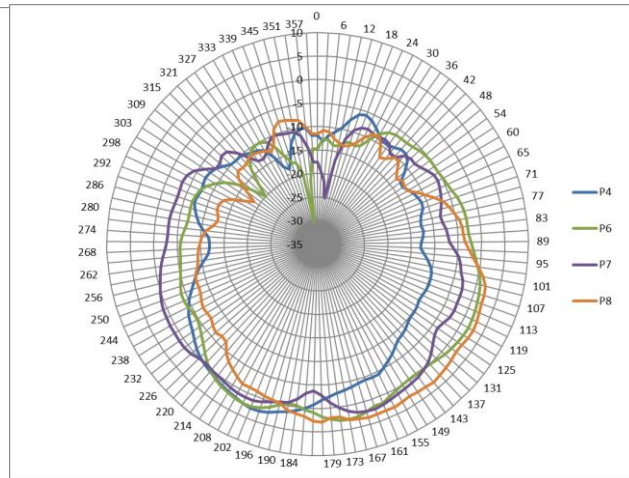
Radio 2: 6E Antenna

Ceiling		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
6875~7125MHz	P4	3.15	2.75	1.2
	P6	3.27	2.98	0.7
	P7	3.21	2.17	-1.3
	P8	3.41	3.5	-2.2

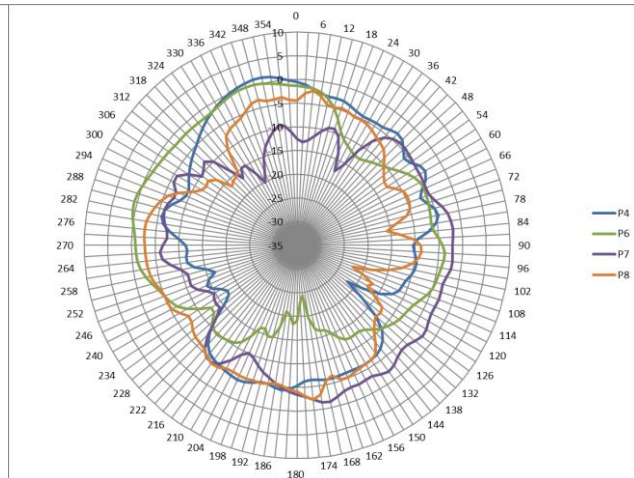
XZ-Plane



YZ-Plane



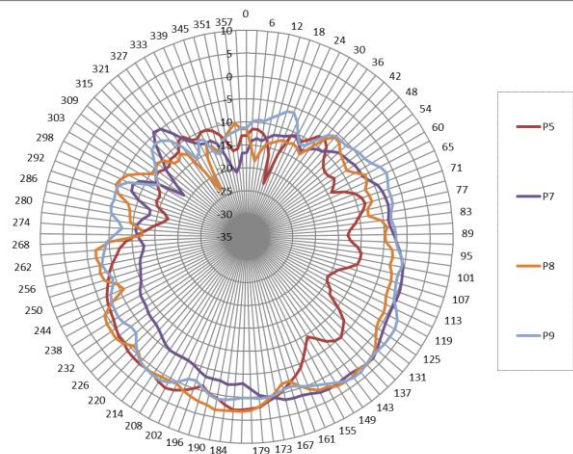
XY-Plane



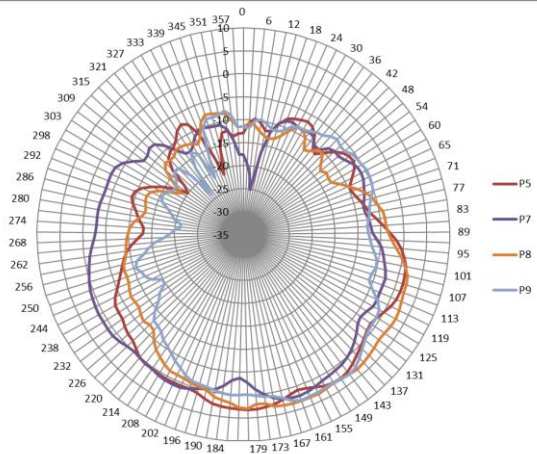
Radio 2: 6E Antenna

Wall		XZ plane	YZ plane	XY plane
		Peak Gain (dBi)	Peak Gain (dBi)	Peak Gain (dBi)
6875~7125MHz	P5	2.88	3.18	-0.9
	P7	3.27	2.98	-1.3
	P8	3.21	2.17	-2.2
	P9	3.61	3.25	-1.4

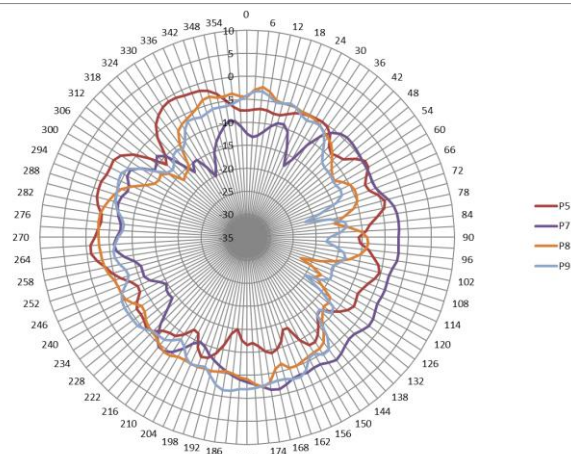
XZ-Plane



YZ-Plane



XY-Plane



ZYXEL

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