Test Report

OTA Test Results for Frequency 868.000 MHz

OTA Evaluation Results:

Total Radiated Power	-1.52 dBm
Peak EIRP	1.42 dBm
Directivity	2.94 dBi
Efficiency	-1.52 dB
Efficiency	70.49 %
Gain	1.42 dBi
NHPRP 45°	-2.34 dBm
NHPRP 45° / TRP	-0.82 dB
NHPRP 45° / TRP	82.83 %
NHPRP 30°	-3.39 dBm
NHPRP 30° / TRP	-1.88 dB
NHPRP 30° / TRP	64.92 %
NHPRP 22.5°	-4.47 dBm
NHPRP 22.5° / TRP	-2.95 dB
NHPRP 22.5° / TRP	50.73 %
UHRP	-4.22 dBm
UHRP / TRP	-2.70 dB
UHRP / TRP	53.65 %
LHRP	-4.86 dBm
LHRP / TRP	-3.34 dB
LHRP / TRP	46.35 %
Front/Back Ratio	1.35
PhiBW	360.0 deg
PhiBW Up	360.0 deg
PhiBW Down	360.0 deg
ThetaBW	79.7 deg
ThetaBW Up	39.3 deg
ThetaBW Down	40.4 deg
Boresight Phi	45 deg
Boresight Theta	90 deg
Maximum Power	1.42 dBm
Minimum Power	-10.36 dBm
Average Power	-2.17 dBm
Max/Min Ratio	11.79 dB
Max/Avg Ratio	3.60 dB
Min/Avg Ratio	-8.19 dB
Best Single Value	0.80 dBm
Best Position	Phi = 30 deg; Theta = 90 deg; Pol = Hor

RP_868.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-4.12	-4.43	-3.72	-2.03	-0.57	-0.44	0.83	0.55
15.00	-4.09	-4.83	-3.75	-2.12	-0.38	0.08	1.08	0.64
30.00	-4.25	-4.98	-3.90	-2.18	-0.13	0.60	1.29	0.75
45.00	-4.42	-4.86	-4.03	-2.32	0.09	1.03	1.42	0.96
60.00	-4.57	-4.85	-4.11	-2.43	0.18	1.25	1.42	1.05
75.00	-4.71	-4.69	-4.41	-2.52	0.05	1.31	1.20	0.86
90.00	-4.72	-4.65	-5.05	-2.66	-0.20	1.04	0.80	0.26
105.00	-4.69	-4.78	-6.12	-2.98	-0.41	0.57	0.17	-0.74
120.00	-4.54	-5.26	-7.41	-3.56	-0.62	0.03	-0.49	-2.04
135.00	-4.35	-6.15	-8.48	-4.38	-0.89	-0.39	-0.94	-3.20
150.00	-4.11	-6.81	-8.20	-4.93	-1.19	-0.56	-0.87	-3.43
165.00	-3.96	-6.85	-6.90	-4.82	-1.43	-0.54	-0.44	-2.62
180.00	-3.88	-6.13	-5.51	-4.03	-1.51	-0.40	0.03	-1.49
195.00	-3.62	-5.10	-4.48	-3.08	-1.36	-0.26	0.31	-0.44
210.00	-3.34	-3.95	-3.84	-2.35	-1.05	-0.16	0.30	0.23
225.00	-3.13	-3.11	-3.58	-2.02	-0.68	-0.24	0.07	0.42
240.00	-3.01	-2.62	-3.54	-1.95	-0.40	-0.49	-0.24	0.28
255.00	-3.03	-2.51	-3.58	-1.87	-0.21	-0.81	-0.38	-0.08
270.00	-3.03	-2.47	-3.61	-1.85	-0.14	-1.04	-0.32	-0.37
285.00	-2.96	-2.61	-3.60	-1.87	-0.20	-1.22	-0.18	-0.53
300.00	-2.94	-3.02	-3.65	-1.98	-0.40	-1.37	-0.05	-0.96
315.00	-3.08	-3.53	-3.73	-2.12	-0.63	-1.47	0.07	-3.65
330.00	-3.35	-4.11	-3.88	-2.28	-0.85	-1.40	0.24	-4.10
345.00	-3.64	-4.63	-4.00	-2.38	-0.96	-1.19	0.53	-0.02
360.00	-4.14	-4.66	-4.15	-2.29	-0.93	-0.79	0.83	0.76

(continuation of the "RP_868.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.00	-1.50	-2.80	-3.02	-3.51	-3.36
15.00	-1.67	-2.57	-2.35	-3.42	-3.04
30.00	-1.31	-2.12	-1.90	-3.07	-3.05
45.00	-0.99	-1.94	-1.76	-2.86	-3.22
60.00	-0.89	-2.15	-2.08	-2.76	-3.51
75.00	-1.21	-2.86	-2.96	-2.82	-3.71
90.00	-2.25	-4.15	-4.69	-2.85	-3.59
105.00	-4.21	-6.24	-6.91	-2.83	-3.02
120.00	-6.98	-8.76	-8.69	-2.71	-2.40
135.00	-9.49	-10.36	-8.67	-2.61	-1.77
150.00	-9.20	-9.39	-6.96	-2.54	-1.41
165.00	-7.33	-7.81	-5.37	-2.51	-1.31
180.00	-5.52	-6.43	-4.36	-2.52	-1.43
195.00	-3.90	-5.24	-3.76	-2.55	-1.71
210.00	-2.68	-4.41	-3.61	-2.62	-2.10
225.00	-1.83	-3.79	-3.90	-2.88	-2.64
240.00	-1.44	-3.54	-4.42	-3.23	-3.26
255.00	-1.22	-3.46	-4.93	-3.68	-3.90
270.00	-1.20	-3.42	-5.23	-3.89	-4.19
285.00	-1.24	-3.49	-5.22	-3.86	-4.23
300.00	-1.26	-3.55	-4.96	-3.93	-4.04
315.00	-1.29	-3.66	-4.58	-4.09	-3.79
330.00	-1.33	-3.49	-4.13	-4.19	-3.56
345.00	-1.37	-4.61	-3.61	-4.08	-3.33
360.00	-1.49	-2.81	-3.18	-3.56	-3.42

RP_868.000_hor

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.0	-7.53	-6.30	-4.36	-2.18	-0.65	-0.75	0.48	0.20
15.0	-10.16	-8.02	-4.91	-2.47	-0.64	-0.31	0.71	0.22
30.0	-15.68	-10.80	-6.19	-3.02	-0.71	-0.04	0.80	0.05
45.0	-28.26	-15.87	-8.49	-3.96	-0.93	-0.01	0.67	-0.28

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
60.0	-16.26	-26.54	-12.04	-5.19	-1.32	-0.18	0.36	-0.71
75.0	-10.75	-15.00	-17.42	-6.13	-1.73	-0.37	-0.01	-1.24
90.0	-7.66	-10.07	-15.91	-6.16	-1.89	-0.50	-0.36	-1.83
105.0	-5.94	-7.50	-11.83	-5.50	-1.59	-0.53	-0.66	-2.46
120.0	-5.00	-6.43	-9.73	-4.97	-1.25	-0.52	-0.91	-3.05
135.0	-4.68	-6.50	-9.31	-4.99	-1.11	-0.53	-1.03	-3.47
150.0	-4.88	-7.61	-10.33	-5.47	-1.33	-0.68	-0.95	-3.45
165.0	-5.79	-10.19	-13.35	-6.30	-1.82	-1.02	-0.72	-2.95
180.0	-7.55	-15.08	-17.56	-6.57	-2.31	-1.44	-0.49	-2.15
195.0	-10.54	-30.51	-15.71	-5.79	-2.46	-1.83	-0.37	-1.28
210.0	-15.79	-15.78	-10.81	-4.44	-2.06	-1.93	-0.39	-0.65
225.0	-23.49	-10.31	-7.61	-3.28	-1.35	-1.74	-0.45	-0.35
240.0	-14.52	-7.43	-5.83	-2.56	-0.80	-1.46	-0.51	-0.28
255.0	-9.41	-5.61	-4.72	-2.07	-0.46	-1.27	-0.47	-0.39
270.0	-6.58	-4.42	-4.12	-1.91	-0.34	-1.21	-0.38	-0.50
285.0	-4.64	-3.74	-3.79	-1.90	-0.35	-1.27	-0.29	-0.59
300.0	-3.62	-3.61	-3.75	-2.00	-0.50	-1.38	-0.23	-1.05
315.0	-3.36	-3.88	-3.87	-2.14	-0.69	-1.48	-0.19	-4.00
330.0	-3.84	-4.51	-4.12	-2.31	-0.89	-1.44	-0.08	-4.82
345.0	-5.01	-5.50	-4.42	-2.44	-0.99	-1.30	0.17	-0.38
360.0	-6.97	-6.29	-4.78	-2.43	-1.00	-1.02	0.47	0.44

(continuation of the "RP_868.000_hor" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.0	-1.75	-4.32	-6.25	-7.73	-8.05
15.0	-2.35	-4.54	-7.18	-10.36	-10.52
30.0	-2.66	-4.97	-8.50	-14.94	-15.76
45.0	-3.16	-5.81	-10.64	-26.31	-26.56
60.0	-3.85	-7.16	-13.87	-16.69	-14.76
75.0	-4.84	-9.13	-19.71	-10.24	-9.13
90.0	-6.05	-11.69	-21.34	-6.66	-5.95
105.0	-7.62	-12.87	-13.97	-4.51	-3.87
120.0	-8.84	-11.63	-10.32	-3.26	-2.66
135.0	-9.60	-10.50	-8.75	-2.76	-2.00
150.0	-10.30	-10.77	-8.60	-3.00	-1.96
165.0	-10.64	-12.82	-9.74	-4.05	-2.61
180.0	-9.35	-15.90	-12.35	-5.82	-3.91
195.0	-6.81	-14.40	-18.27	-8.92	-6.13
210.0	-4.52	-10.30	-28.38	-14.13	-9.62
225.0	-2.87	-7.26	-15.49	-25.42	-15.48
240.0	-1.97	-5.38	-10.84	-15.53	-16.92
255.0	-1.41	-4.29	-8.12	-9.76	-11.26
270.0	-1.25	-3.72	-6.59	-6.89	-7.69
285.0	-1.24	-3.56	-5.66	-5.08	-5.46
300.0	-1.28	-3.57	-5.13	-4.30	-4.29
315.0	-1.34	-3.74	-4.93	-4.21	-3.90
330.0	-1.42	-3.69	-4.99	-4.70	-4.28
345.0	-1.50	-5.28	-5.37	-5.71	-5.33
360.0	-1.69	-3.79	-5.92	-6.85	-7.21

RP_868.000_ver

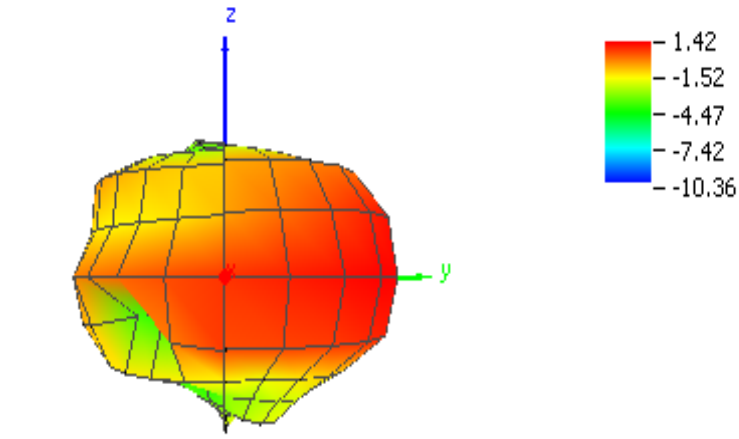
Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.0	-6.76	-9.00	-12.34	-16.65	-18.02	-12.17	-10.22	-10.56
15.0	-5.33	-7.66	-10.03	-13.17	-12.78	-10.54	-9.87	-9.72
30.0	-4.57	-6.29	-7.76	-9.76	-9.15	-8.02	-8.46	-7.52
45.0	-4.44	-5.22	-5.95	-7.33	-6.70	-5.70	-6.55	-5.07
60.0	-4.87	-4.88	-4.87	-5.71	-5.17	-4.27	-5.24	-3.71
75.0	-5.96	-5.11	-4.63	-5.01	-4.68	-3.65	-4.92	-3.30
90.0	-7.79	-6.12	-5.42	-5.22	-5.10	-4.21	-5.53	-3.92
105.0	-10.70	-8.10	-7.47	-6.55	-6.64	-5.92	-7.39	-5.60
120.0	-14.54	-11.54	-11.25	-9.11	-9.35	-9.18	-10.80	-8.85
135.0	-15.69	-17.26	-16.06	-13.23	-13.91	-15.37	-17.76	-15.41

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
150.0	-12.01	-14.55	-12.32	-14.26	-16.08	-16.39	-18.37	-26.68
165.0	-8.60	-9.55	-8.02	-10.20	-12.11	-10.30	-12.40	-14.00
180.0	-6.32	-6.73	-5.79	-7.58	-9.26	-7.13	-9.46	-10.02
195.0	-4.61	-5.11	-4.82	-6.41	-7.87	-5.44	-8.11	-7.96
210.0	-3.59	-4.25	-4.81	-6.53	-7.90	-4.91	-8.07	-7.14
225.0	-3.17	-4.03	-5.77	-8.02	-9.15	-5.58	-9.39	-7.45
240.0	-3.33	-4.37	-7.42	-10.83	-10.99	-7.51	-12.40	-8.87
255.0	-4.17	-5.43	-9.94	-15.20	-12.77	-10.84	-17.23	-11.78
270.0	-5.56	-6.89	-13.18	-20.48	-13.70	-15.22	-19.26	-15.61
285.0	-7.89	-9.01	-17.32	-23.59	-14.98	-20.50	-16.17	-19.11
300.0	-11.35	-11.98	-20.14	-24.48	-16.69	-26.86	-14.03	-17.93
315.0	-15.12	-14.72	-18.80	-25.00	-19.04	-26.72	-12.42	-14.73
330.0	-13.03	-14.66	-16.54	-24.07	-21.83	-21.81	-11.23	-12.27
345.0	-9.32	-12.02	-14.39	-21.18	-22.67	-17.14	-10.50	-11.00
360.0	-7.34	-9.70	-12.87	-17.56	-19.28	-13.70	-10.15	-10.61

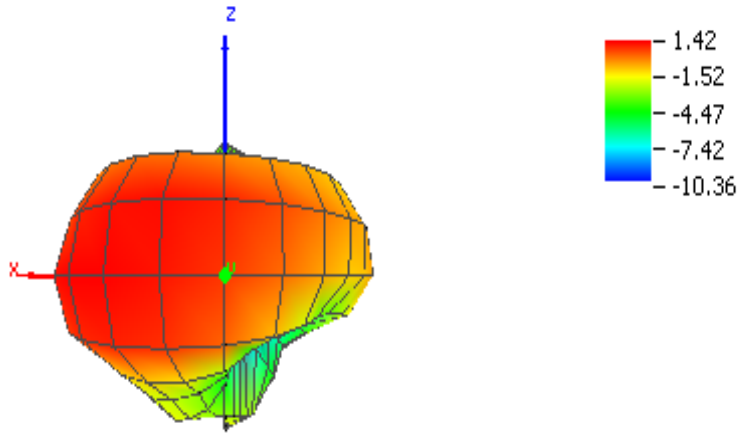
(continuation of the "RP_868.000_ver" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.0	-13.90	-8.11	-5.82	-5.57	-5.16
15.0	-10.11	-6.94	-4.09	-4.40	-3.89
30.0	-7.03	-5.29	-2.97	-3.36	-3.29
45.0	-5.04	-4.24	-2.37	-2.88	-3.24
60.0	-3.94	-3.80	-2.38	-2.94	-3.85
75.0	-3.67	-4.03	-3.05	-3.68	-5.18
90.0	-4.59	-5.00	-4.78	-5.19	-7.36
105.0	-6.85	-7.30	-7.86	-7.76	-10.52
120.0	-11.56	-11.91	-13.72	-11.93	-14.60
135.0	-25.37	-25.58	-25.93	-17.23	-14.65
150.0	-15.69	-15.01	-11.96	-12.44	-10.63
165.0	-10.06	-9.45	-7.35	-7.77	-7.16
180.0	-7.84	-6.95	-5.11	-5.25	-5.05
195.0	-7.01	-5.80	-3.91	-3.68	-3.65
210.0	-7.29	-5.71	-3.63	-2.93	-2.95
225.0	-8.52	-6.38	-4.21	-2.90	-2.87
240.0	-10.87	-8.18	-5.54	-3.49	-3.45
255.0	-15.07	-11.05	-7.77	-4.91	-4.78
270.0	-20.72	-15.22	-10.92	-6.91	-6.77
285.0	-29.15	-21.30	-15.39	-9.97	-10.31
300.0	-24.96	-26.11	-19.15	-14.74	-16.52
315.0	-20.70	-21.18	-15.72	-19.83	-19.80
330.0	-18.26	-16.97	-11.57	-13.80	-11.73
345.0	-16.62	-13.03	-8.39	-9.12	-7.68
360.0	-14.89	-9.77	-6.47	-6.32	-5.77

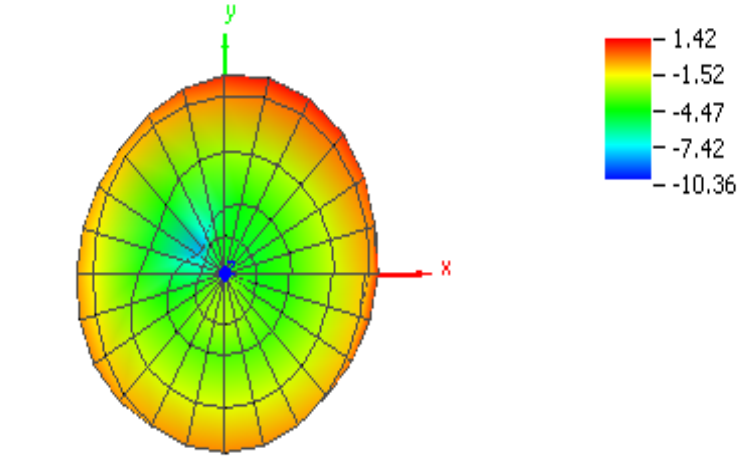
Theta = 90, Phi = 0



Theta = 90, Phi = 90



Theta = 0, Phi = 0



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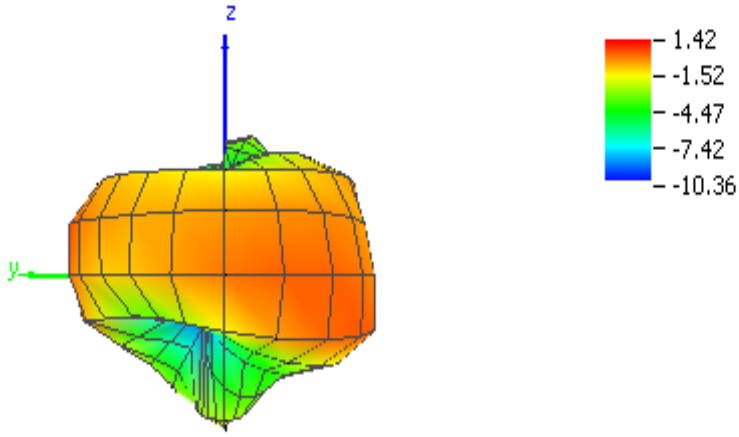

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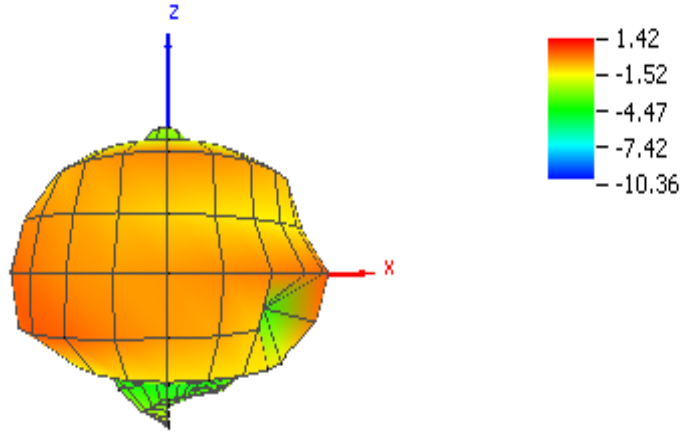
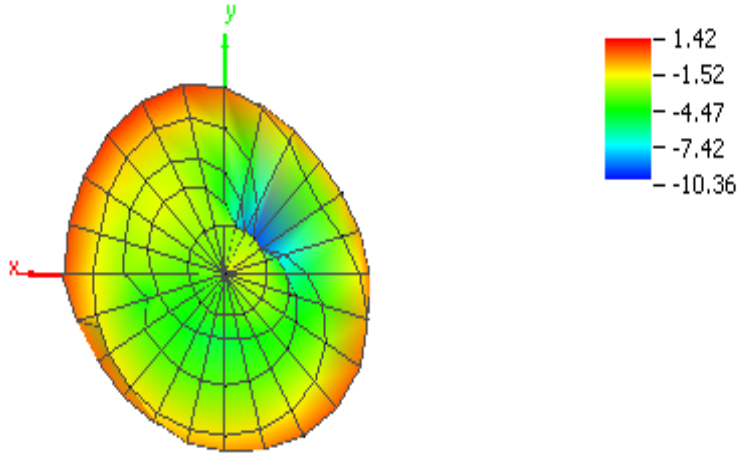


Theta = 180, Phi = 0



OTA Test Results for Frequency 915.000 MHz

OTA Evaluation Results:

Total Radiated Power	-0.50 dBm
Peak EIRP	2.71 dBm
Directivity	3.21 dBi
Efficiency	-0.50 dB
Efficiency	89.09 %
Gain	2.71 dBi
NHPRP 45°	-1.24 dBm
NHPRP 45° / TRP	-0.73 dB
NHPRP 45° / TRP	84.46 %
NHPRP 30°	-2.33 dBm
NHPRP 30° / TRP	-1.83 dB
NHPRP 30° / TRP	65.60 %
NHPRP 22.5°	-3.50 dBm
NHPRP 22.5° / TRP	-3.00 dB
NHPRP 22.5° / TRP	50.14 %
UHRP	-2.76 dBm
UHRP / TRP	-2.25 dB
UHRP / TRP	59.52 %
LHRP	-4.43 dBm
LHRP / TRP	-3.93 dB
LHRP / TRP	40.48 %
Front/Back Ratio	1.86
PhiBW	360.0 deg
PhiBW Up	360.0 deg
PhiBW Down	360.0 deg
ThetaBW	42.5 deg
ThetaBW Up	20.5 deg
ThetaBW Down	22.0 deg
Boresight Phi	105 deg
Boresight Theta	75 deg
Maximum Power	2.71 dBm
Minimum Power	-10.76 dBm
Average Power	-1.40 dBm
Max/Min Ratio	13.47 dB
Max/Avg Ratio	4.11 dB
Min/Avg Ratio	-9.36 dB
Best Single Value	2.48 dBm
Best Position	Phi = 150 deg; Theta = 75 deg; Pol = Hor

RP_915.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.00	-3.72	-2.47	-1.62	-0.68	0.54	0.56	0.22	0.97
15.00	-3.99	-3.38	-2.08	-0.95	0.44	0.76	0.39	1.07
30.00	-4.12	-3.79	-2.34	-1.19	0.43	1.19	0.60	1.23
45.00	-3.79	-3.68	-2.46	-1.23	0.50	1.68	0.84	1.38
60.00	-3.40	-3.53	-2.51	-1.16	0.67	2.15	1.00	1.30
75.00	-3.08	-3.57	-2.93	-1.05	0.83	2.46	1.02	0.93
90.00	-2.92	-4.10	-4.12	-1.14	0.86	2.67	0.73	0.14
105.00	-2.91	-4.97	-5.93	-1.60	0.86	2.71	0.14	-1.02
120.00	-3.04	-6.28	-8.49	-2.28	0.80	2.63	-0.39	-2.21
135.00	-3.30	-7.97	-10.76	-2.95	0.71	2.54	-0.40	-2.65
150.00	-3.65	-9.17	-9.88	-3.16	0.65	2.52	0.11	-2.14
165.00	-3.80	-8.37	-7.20	-2.71	0.57	2.45	0.70	-1.25
180.00	-3.55	-6.23	-4.75	-2.01	0.43	2.33	1.15	-0.25
195.00	-3.17	-4.34	-3.12	-1.22	0.32	2.21	1.28	0.53
210.00	-2.88	-2.86	-1.96	-0.44	0.37	2.14	1.17	1.09
225.00	-2.79	-1.90	-1.30	0.09	0.59	2.11	0.93	1.35
240.00	-2.70	-1.29	-1.00	0.39	0.77	2.08	0.70	1.40
255.00	-2.65	-0.93	-0.89	0.44	0.87	1.97	0.45	1.24
270.00	-2.52	-0.66	-0.82	0.32	0.93	1.79	0.20	1.00
285.00	-2.28	-0.50	-0.72	0.16	0.92	1.56	0.05	0.85
300.00	-2.02	-0.43	-0.64	-0.06	0.92	1.25	-0.01	-0.27
315.00	-1.88	-0.54	-0.68	-0.25	0.84	0.94	-0.03	-4.17
330.00	-2.03	-1.02	-0.92	-0.46	0.71	0.63	0.01	-5.83
345.00	-2.59	-1.76	-1.36	-0.70	0.54	0.42	0.07	0.59
360.00	-3.56	-2.65	-1.99	-0.78	0.33	0.47	0.14	1.01

(continuation of the "RP_915.000_tot" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.00	-0.58	-3.74	-5.11	-4.60	-3.02
15.00	-0.56	-3.04	-4.10	-4.19	-2.74
30.00	-0.23	-2.39	-3.17	-3.71	-2.93
45.00	0.06	-2.12	-2.82	-3.64	-3.46
60.00	0.12	-2.32	-3.04	-3.92	-4.21
75.00	-0.33	-2.92	-3.81	-4.27	-4.79
90.00	-1.55	-4.00	-5.31	-4.52	-4.97
105.00	-3.41	-5.35	-7.08	-4.66	-4.63
120.00	-5.34	-6.68	-8.74	-4.89	-4.09
135.00	-5.96	-7.33	-9.19	-5.16	-3.70
150.00	-4.93	-7.19	-8.74	-5.52	-3.63
165.00	-3.54	-6.67	-7.92	-5.86	-3.82
180.00	-2.31	-5.93	-7.01	-6.14	-4.24
195.00	-1.26	-5.24	-6.33	-6.16	-4.77
210.00	-0.42	-4.53	-5.66	-5.95	-5.27
225.00	0.20	-3.95	-5.15	-5.64	-5.68
240.00	0.54	-3.64	-4.84	-5.52	-5.92
255.00	0.61	-3.55	-4.91	-5.54	-6.09
270.00	0.48	-3.72	-5.28	-5.71	-5.97
285.00	0.26	-4.04	-5.83	-5.88	-5.44
300.00	0.01	-4.38	-6.31	-5.99	-4.78
315.00	-0.17	-4.58	-6.66	-5.98	-4.22
330.00	-0.28	-4.02	-6.56	-5.87	-3.76
345.00	-0.38	-5.99	-6.03	-5.59	-3.40
360.00	-0.43	-3.25	-5.11	-4.88	-3.31

RP_915.000_hor

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.0	-5.52	-3.30	-2.00	-0.88	0.29	0.20	-0.18	0.59
15.0	-8.08	-5.17	-2.98	-1.30	0.02	0.24	-0.12	0.55
30.0	-13.73	-7.98	-4.43	-1.99	-0.34	0.37	-0.13	0.44
45.0	-19.95	-12.06	-6.36	-2.78	-0.74	0.50	-0.16	0.28

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
60.0	-12.97	-19.82	-8.98	-3.76	-1.02	0.73	-0.28	-0.07
75.0	-8.63	-21.75	-12.53	-4.33	-1.07	0.98	-0.40	-0.58
90.0	-6.07	-14.97	-16.56	-4.38	-0.82	1.39	-0.55	-1.26
105.0	-4.83	-11.86	-15.97	-4.04	-0.26	1.82	-0.65	-1.99
120.0	-4.18	-10.47	-13.50	-3.56	0.29	2.20	-0.65	-2.56
135.0	-4.10	-10.43	-12.18	-3.25	0.58	2.41	-0.48	-2.71
150.0	-4.66	-11.89	-11.78	-3.19	0.59	2.48	-0.17	-2.38
165.0	-5.78	-14.90	-11.91	-3.23	0.34	2.31	0.11	-1.78
180.0	-7.35	-20.36	-11.54	-3.25	-0.04	2.01	0.36	-0.91
195.0	-9.41	-20.16	-10.12	-2.95	-0.34	1.76	0.51	-0.08
210.0	-11.97	-12.82	-7.76	-2.24	-0.35	1.64	0.61	0.66
225.0	-14.09	-8.60	-5.60	-1.40	-0.02	1.64	0.61	1.06
240.0	-12.20	-5.85	-3.93	-0.67	0.36	1.71	0.58	1.22
255.0	-9.16	-3.97	-2.69	-0.19	0.67	1.75	0.43	1.14
270.0	-6.54	-2.59	-1.84	0.02	0.86	1.70	0.17	0.97
285.0	-4.58	-1.68	-1.27	0.05	0.88	1.53	-0.05	0.84
300.0	-3.26	-1.15	-0.95	-0.10	0.86	1.23	-0.21	-0.34
315.0	-2.51	-0.99	-0.87	-0.27	0.75	0.88	-0.31	-4.60
330.0	-2.43	-1.34	-1.08	-0.51	0.57	0.51	-0.31	-6.95
345.0	-3.19	-2.12	-1.55	-0.79	0.36	0.22	-0.28	0.29
360.0	-4.91	-3.32	-2.30	-0.93	0.09	0.18	-0.26	0.67

(continuation of the "RP_915.000_hor" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.0	-0.73	-4.22	-5.87	-6.51	-6.83
15.0	-0.88	-3.78	-5.59	-7.15	-8.44
30.0	-0.85	-3.65	-5.61	-8.64	-11.64
45.0	-0.96	-4.09	-6.42	-11.22	-16.22
60.0	-1.41	-5.38	-8.52	-16.57	-18.05
75.0	-2.27	-7.15	-12.33	-18.97	-13.19
90.0	-3.55	-8.90	-18.89	-12.22	-9.21
105.0	-4.75	-8.93	-17.05	-8.52	-6.63
120.0	-5.67	-8.09	-12.69	-6.73	-5.05
135.0	-6.09	-7.57	-10.84	-6.17	-4.31
150.0	-6.00	-7.96	-10.68	-6.56	-4.28
165.0	-5.53	-9.14	-12.17	-7.97	-4.91
180.0	-4.45	-10.45	-15.27	-10.76	-6.32
195.0	-3.00	-10.00	-17.39	-15.26	-8.68
210.0	-1.52	-7.81	-13.43	-19.12	-12.25
225.0	-0.42	-5.98	-10.06	-15.10	-17.86
240.0	0.21	-4.84	-7.99	-11.64	-16.92
255.0	0.46	-4.32	-7.09	-9.39	-11.99
270.0	0.42	-4.18	-6.74	-8.05	-8.51
285.0	0.24	-4.27	-6.80	-7.20	-6.33
300.0	0.00	-4.46	-6.86	-6.70	-5.11
315.0	-0.19	-4.60	-6.93	-6.43	-4.66
330.0	-0.32	-4.05	-6.68	-6.29	-4.73
345.0	-0.44	-6.18	-6.26	-6.32	-5.32
360.0	-0.54	-3.58	-5.71	-6.41	-6.55

RP_915.000_ver

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
0.0	-8.41	-10.06	-12.34	-13.99	-12.06	-10.39	-10.40	-9.82
15.0	-6.13	-8.09	-9.37	-12.04	-9.94	-8.76	-9.16	-8.44
30.0	-4.62	-5.88	-6.52	-8.98	-7.42	-6.48	-7.47	-6.55
45.0	-3.89	-4.36	-4.73	-6.44	-5.55	-4.56	-6.06	-5.13
60.0	-3.91	-3.63	-3.62	-4.62	-4.24	-3.41	-4.94	-4.38
75.0	-4.50	-3.64	-3.44	-3.81	-3.69	-2.91	-4.54	-4.39
90.0	-5.79	-4.47	-4.38	-3.94	-4.06	-3.25	-5.21	-5.48
105.0	-7.39	-5.96	-6.38	-5.27	-5.56	-4.60	-7.65	-8.04
120.0	-9.39	-8.35	-10.14	-8.23	-8.75	-7.56	-12.61	-13.37
135.0	-11.04	-11.60	-16.30	-14.76	-14.65	-12.74	-17.69	-21.01

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)
150.0	-10.47	-12.48	-14.38	-24.78	-18.21	-18.00	-11.92	-14.87
165.0	-8.16	-9.46	-9.00	-12.17	-12.40	-12.60	-8.29	-10.70
180.0	-5.90	-6.40	-5.78	-8.07	-9.44	-9.25	-6.60	-8.74
195.0	-4.35	-4.45	-4.08	-6.05	-8.18	-7.93	-6.63	-8.33
210.0	-3.45	-3.32	-3.29	-5.15	-7.80	-7.56	-8.01	-9.12
225.0	-3.12	-2.94	-3.33	-5.26	-8.26	-7.84	-10.61	-10.63
240.0	-3.22	-3.16	-4.10	-6.24	-9.68	-8.77	-14.97	-12.49
255.0	-3.74	-3.91	-5.60	-8.32	-12.69	-11.00	-23.00	-15.16
270.0	-4.71	-5.13	-7.62	-11.49	-16.71	-15.17	-22.34	-20.34
285.0	-6.14	-6.74	-9.96	-15.71	-19.71	-20.54	-16.31	-24.04
300.0	-8.06	-8.61	-12.26	-20.64	-18.06	-22.55	-13.48	-18.37
315.0	-10.57	-10.60	-14.22	-23.45	-15.91	-18.34	-12.14	-14.40
330.0	-12.54	-12.54	-15.44	-20.20	-14.30	-15.14	-11.45	-12.26
345.0	-11.44	-12.74	-14.98	-17.40	-13.35	-13.14	-11.03	-11.18
360.0	-9.32	-11.13	-13.60	-15.55	-12.32	-11.32	-10.48	-10.18

(continuation of the "RP_915.000_ver" table from column 9 ...)

Azimuth (deg)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.0	-15.47	-13.52	-13.05	-9.09	-5.36
15.0	-12.11	-11.13	-9.48	-7.26	-4.10
30.0	-9.00	-8.35	-6.83	-5.39	-3.56
45.0	-6.71	-6.50	-5.30	-4.47	-3.70
60.0	-5.15	-5.28	-4.48	-4.17	-4.39
75.0	-4.77	-4.98	-4.46	-4.42	-5.46
90.0	-5.87	-5.69	-5.50	-5.33	-7.03
105.0	-9.16	-7.86	-7.55	-6.96	-8.98
120.0	-16.75	-12.27	-10.97	-9.49	-11.11
135.0	-21.23	-20.11	-14.18	-12.00	-12.53
150.0	-11.54	-15.06	-13.17	-12.22	-12.23
165.0	-7.87	-10.28	-9.96	-9.99	-10.36
180.0	-6.42	-7.82	-7.71	-7.98	-8.43
195.0	-6.09	-7.00	-6.68	-6.73	-7.04
210.0	-6.93	-7.28	-6.45	-6.17	-6.24
225.0	-8.57	-8.22	-6.85	-6.17	-5.95
240.0	-10.82	-9.80	-7.72	-6.74	-6.28
255.0	-14.07	-11.43	-8.94	-7.84	-7.38
270.0	-18.52	-13.66	-10.74	-9.50	-9.50
285.0	-23.54	-16.94	-12.80	-11.67	-12.77
300.0	-24.62	-21.40	-15.56	-14.20	-16.15
315.0	-22.50	-27.89	-18.92	-16.06	-14.44
330.0	-20.67	-25.98	-22.16	-16.28	-10.76
345.0	-18.83	-19.58	-18.98	-13.73	-7.88
360.0	-16.52	-14.61	-14.01	-10.18	-6.11

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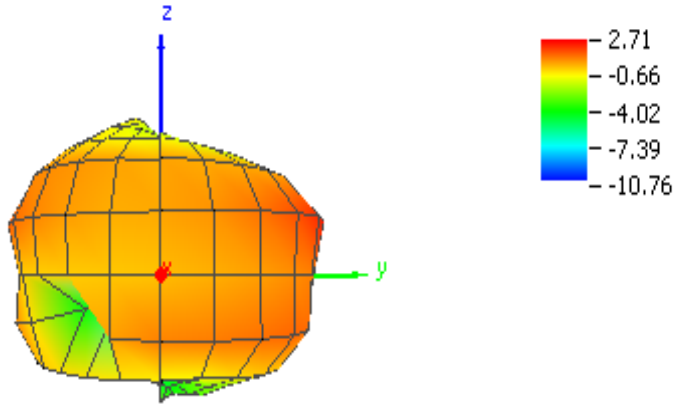

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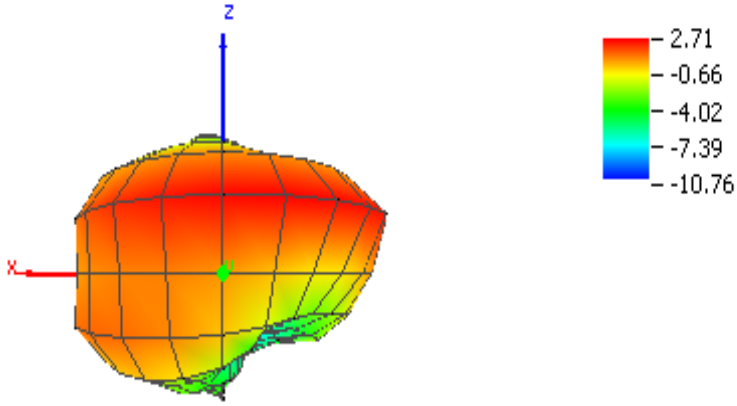

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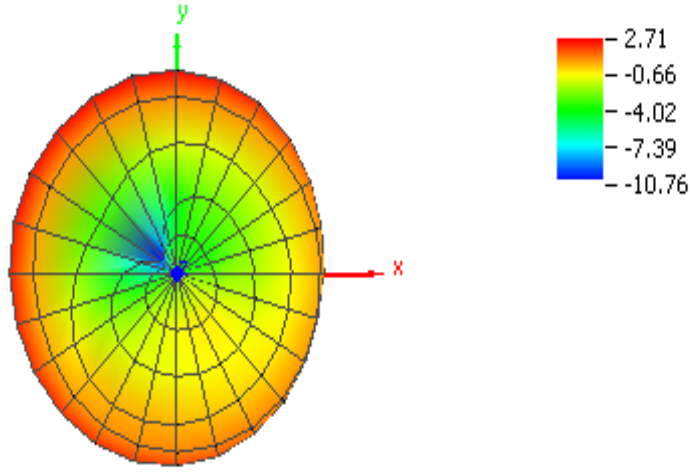

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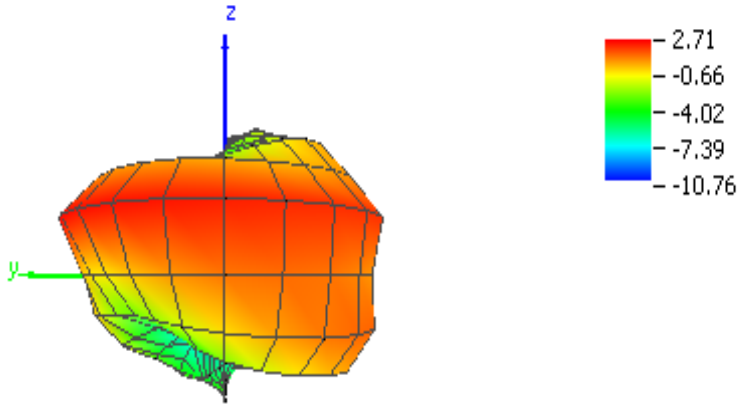

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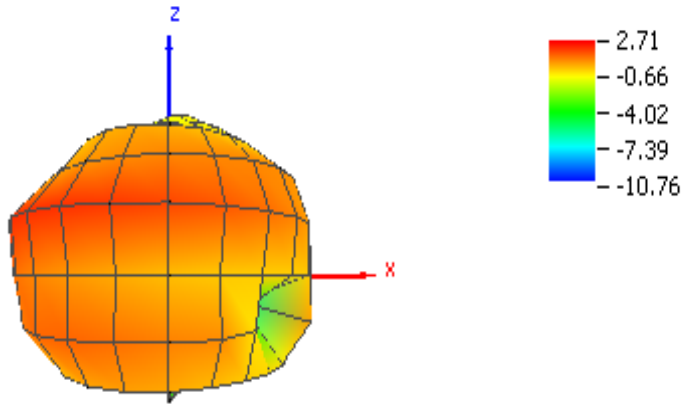
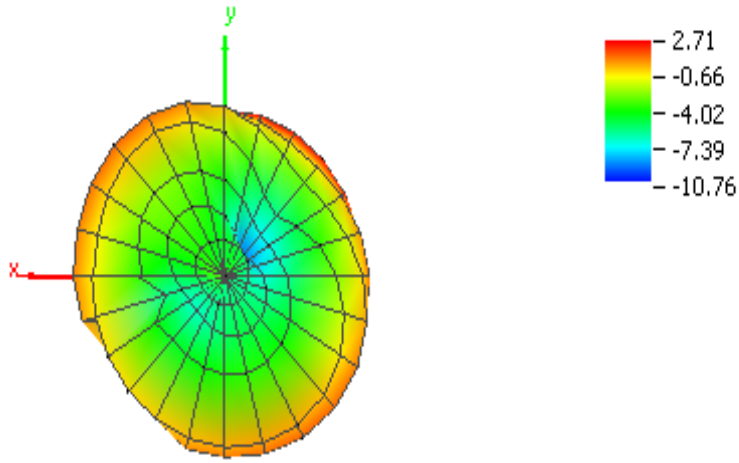


Theta = 180, Phi = 0



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