

Sensor
T11013320

Frequency	900MHz	902MHz	904MHz	906MHz	908MHz	910MHz	912MHz	914MHz	916MHz	918MHz	920MHz	922MHz	924MHz	926MHz	928MHz	930MHz	932MHz	934MHz	935MHz
Horizontal+Vertical																			
Peak EIRP (dBi)	-6.81	-7.73	-7.85	-7.97	-8.2	-8.26	-8.47	-8.67	-8.81	-8.87	-8.86	-8.87	-8.92	-8.92	-8.98	-9.02	-9.12	-9.2	-9.18
Directivity (dBi)	4.47	4.03	4.02	4.03	3.92	3.95	3.9	3.81	3.78	3.8	3.91	4	4.04	4.14	4.18	4.24	4.27	4.34	4.39
Efficiency (dB)	-11.28	-11.76	-11.87	-12	-12.12	-12.21	-12.37	-12.48	-12.59	-12.67	-12.77	-12.87	-12.96	-13.06	-13.16	-13.26	-13.39	-13.54	-13.57
Efficiency (%)	7.45	6.67	6.5	6.31	6.13	6.01	5.8	5.65	5.51	5.4	5.28	5.16	5.06	4.94	4.83	4.72	4.59	4.42	4.4
Gain (dBi)	-6.81	-7.73	-7.85	-7.97	-8.2	-8.26	-8.47	-8.67	-8.81	-8.87	-8.86	-8.87	-8.92	-8.92	-8.98	-9.02	-9.12	-9.2	-9.18



902MHz
Horizontal+Vertical
Peak EIRP -7.73
Directivity 4.03
Efficiency (-11.76
Efficiency (6.67
Gain (dBi) -7.73

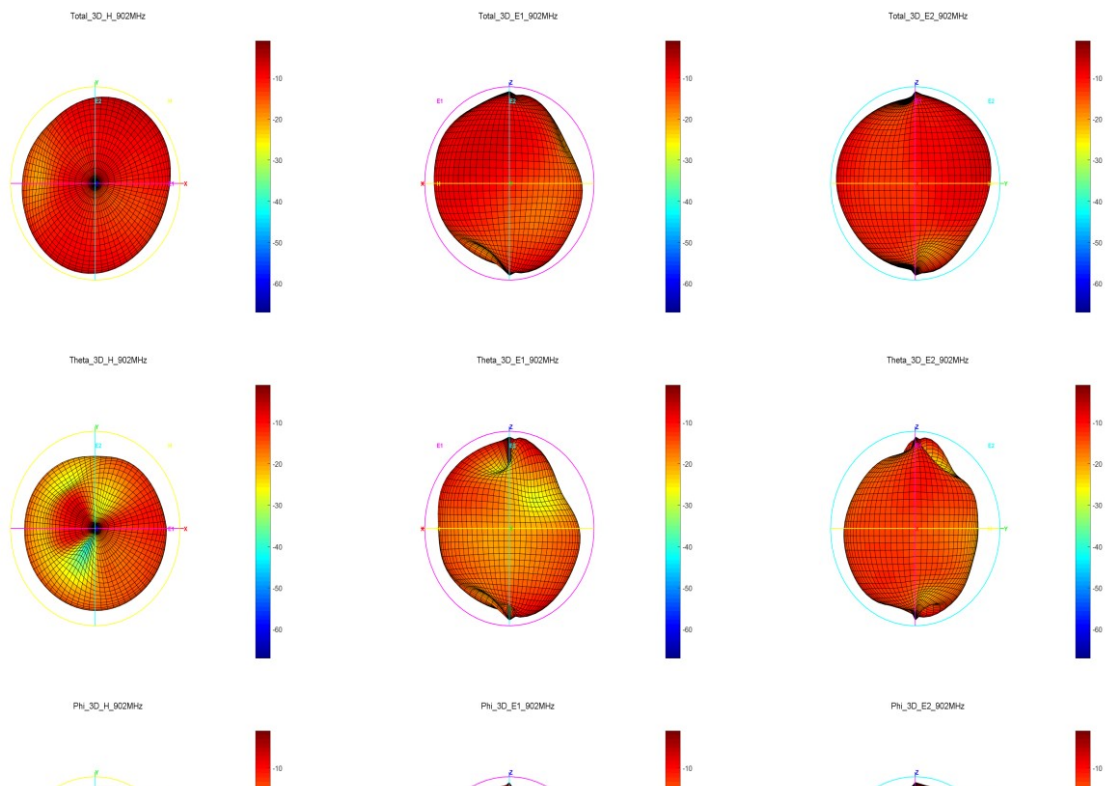
Horizontal
H Peak EIR -8.05
H Directivi 4.03
H Efficiency -11.76
H Efficiency 6.67
H Gain (dB -8.05

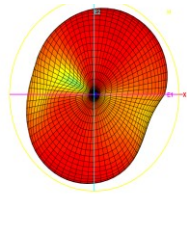
Vertical
V Peak EIR -8.51
V Directivi 4.03
V Efficiency -11.76
V Efficiency 6.67
V Gain (dB -8.51

Horizontal+Vertical												
Theta\Phi	0	30	60	90	120	150	180	210	240	270	300	330
0	-7.98	-7.74	-8.56	-8.59	-11	-10.92	-11.78	-12.45	-13.01	-13.57	-13.64	-13.23
30	-11.25	-10.47	-9.48	-9.95	-11.31	-12.43	-12.09	-10.92	-10.65	-11.69	-13.5	-14.18
60	-9.29	-9.26	-7.73	-8.27	-11.45	-17.5	-19.69	-12.81	-9.18	-8.91	-11.01	-13.15
90	-11.97	-8.76	-8.84	-12.33	-15.82	-14.88	-13.5	-10.68	-8.39	-8.8	-11.47	-13.22
120	-12.49	-12	-12.45	-15.51	-16.35	-14.05	-12.49	-11.9	-12.33	-11.58	-11.55	-11.81
150	-16.66	-20.05	-15.91	-12.2	-9.63	-8.61	-8.86	-10.22	-11.38	-11.95	-12.61	-13.02
180	-13.18	-14.25	-14.52	-14.04	-13.08	-12.58	-12.56	-12.64	-13.05	-13.64	-14.41	-14.9

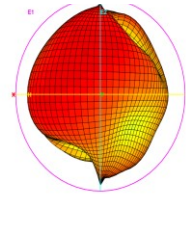
Horizontal												
Theta\Phi	0	30	60	90	120	150	180	210	240	270	300	330
0	-8.05	-8.78	-13.52	-29.37	-17.07	-12.35	-11.91	-14.17	-20.89	-28.32	-17.42	-13.83
30	-12.24	-15.64	-25.17	-21.44	-14.23	-12.49	-13.78	-18.84	-39.38	-20.78	-16.71	-15.73
60	-10.47	-12.71	-14.69	-21	-27.89	-23.5	-22.07	-23.65	-23.06	-17.65	-15.23	-13.75
90	-14.68	-17.03	-19.04	-20.49	-18.86	-16.27	-15.3	-15.15	-14.78	-14.35	-14	-13.76
120	-13.93	-14.9	-17.29	-18.9	-16.76	-14.3	-13.24	-12.69	-12.71	-12.49	-12.59	-12.26
150	-17.95	-20.33	-16.68	-13.05	-9.94	-9.2	-10.13	-11.79	-12.15	-12.07	-12.73	-13.45
180	-13.96	-15.93	-19.94	-20.44	-17.11	-15.82	-17.85	-21.13	-19.85	-16.6	-15.01	-14.92

Vertical												
Theta\Phi	0	30	60	90	120	150	180	210	240	270	300	330
0	-25.87	-14.47	-10.23	-8.63	-12.24	-16.45	-27.32	-17.3	-13.78	-13.72	-16	-22.14
30	-18.19	-12.04	-9.6	-10.27	-14.41	-31.13	-17	-11.69	-10.66	-12.27	-16.33	-19.42
60	-15.52	-11.87	-8.7	-8.51	-11.55	-18.75	-23.44	-13.18	-9.36	-9.53	-13.08	-22.02
90	-15.3	-9.46	-9.28	-13.05	-18.8	-20.49	-18.18	-12.61	-9.53	-10.22	-15.03	-22.56
120	-18	-15.13	-14.17	-18.16	-26.84	-26.53	-20.47	-19.68	-23.07	-18.85	-18.27	-21.86
150	-22.57	-32.1	-23.8	-19.69	-21.28	-17.55	-14.85	-15.41	-19.26	-27.57	-28.03	-23.21
180	-21.04	-19.17	-15.99	-15.17	-15.27	-15.38	-14.08	-13.3	-14.07	-16.71	-23.36	-38.94

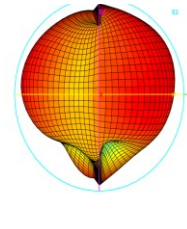




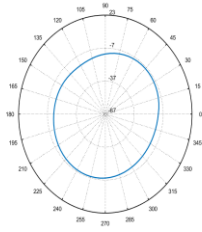
Total_Polar_H_902MHz



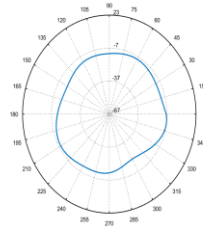
Total_Polar_E1_902MHz



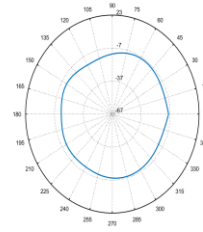
Total_Polar_E2_902MHz



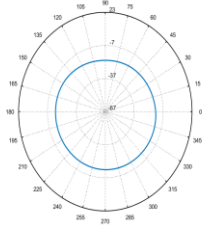
Theta_Polar_H_902MHz



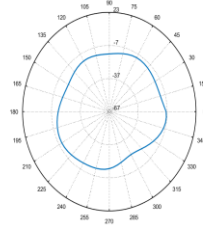
Theta_Polar_E1_902MHz



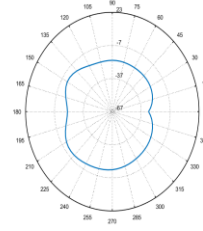
Theta_Polar_E2_902MHz



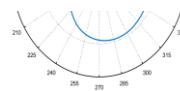
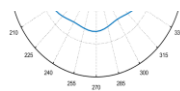
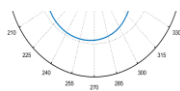
Phi_Polar_H_902MHz



Phi_Polar_E1_902MHz



Phi_Polar_E2_902MHz



912MHz
Horizontal+Vertical
Peak EIRP -8.47
Directivity 3.9
Efficiency (-12.37
Efficiency (5.8
Gain (dBi) -8.47

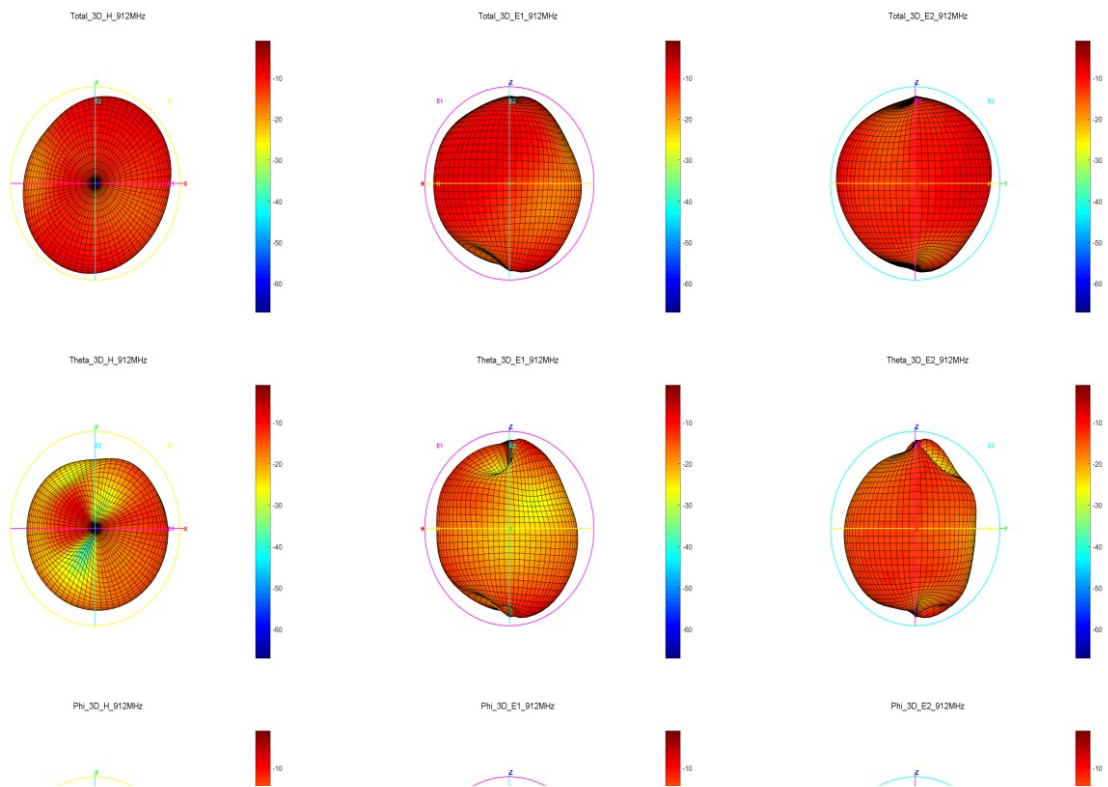
Horizontal
H Peak EIR -9.59
H Directivi 3.9
H Efficiency -12.37
H Efficiency 5.8
H Gain (dB -9.59

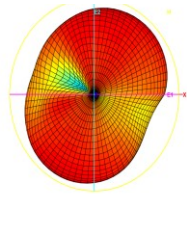
Vertical
V Peak EIR -9.03
V Directivi 3.9
V Efficiency -12.37
V Efficiency 5.8
V Gain (dB -9.03

Horizontal+Vertical												
Theta\Phi	0	30	60	90	120	150	180	210	240	270	300	330
0	-11.23	-10.97	-11.24	-11.44	-13.15	-12.74	-13.08	-13.67	-14.46	-15.31	-15.3	-14.75
30	-13.23	-11.99	-10.75	-10.95	-12	-12.81	-12.25	-11.53	-11.94	-13.66	-15.55	-16.16
60	-10.8	-10.2	-8.47	-8.83	-11.87	-17.59	-18.28	-12.36	-9.35	-9.75	-12.31	-14.84
90	-12	-8.99	-8.88	-12.32	-17.11	-17.13	-14.75	-10.81	-8.6	-9.39	-12.21	-13.6
120	-11.84	-11.49	-12.06	-14.94	-16.52	-14.81	-13.54	-13.45	-13.5	-12.08	-11.88	-11.95
150	-16.04	-18.4	-15.53	-12.4	-9.89	-8.86	-9.47	-11.62	-12.4	-12.7	-13.11	-13.25
180	-14.26	-14.99	-15.08	-14.86	-13.9	-13.54	-13.39	-13.2	-13.3	-13.65	-14.21	-14.97

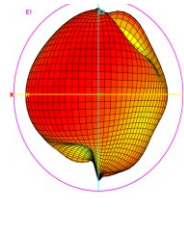
Horizontal												
Theta\Phi	0	30	60	90	120	150	180	210	240	270	300	330
0	-11.42	-12.28	-16.66	-36.76	-19.02	-14.02	-13.36	-16.05	-24.26	-25.27	-17.43	-15
30	-14.35	-17.38	-27.49	-21.49	-14.37	-12.82	-14.27	-20.3	-37.61	-21.61	-17.91	-17.26
60	-12.15	-13.61	-15.5	-22.22	-26.83	-21.51	-20.43	-23.1	-24.46	-18.89	-16.28	-15.31
90	-14.49	-17.24	-20.32	-23.6	-22.37	-19.21	-18.06	-17.53	-16.7	-15.75	-14.72	-14.15
120	-13.26	-14.33	-17.69	-20.17	-17.78	-15.44	-14.61	-14.5	-14.46	-13.85	-13.12	-12.28
150	-17.36	-18.84	-15.72	-12.85	-10.22	-9.59	-11.01	-13.66	-13.45	-12.88	-13.16	-13.62
180	-15.73	-17.47	-20.85	-20.07	-17.22	-17.39	-20.87	-24.01	-19.48	-15.92	-14.62	-15.22

Vertical												
Theta\Phi	0	30	60	90	120	150	180	210	240	270	300	330
0	-24.88	-16.81	-12.71	-11.45	-14.45	-18.69	-25.13	-17.42	-14.94	-15.78	-19.42	-27.25
30	-19.66	-13.48	-10.85	-11.35	-15.76	-42	-16.53	-12.15	-11.96	-14.42	-19.33	-22.66
60	-16.51	-12.84	-9.43	-9.03	-12.01	-19.85	-22.35	-12.74	-9.48	-10.31	-14.53	-24.76
90	-15.59	-9.69	-9.2	-12.65	-18.65	-21.34	-17.49	-11.85	-9.33	-10.53	-15.79	-22.83
120	-17.37	-14.67	-13.45	-16.49	-22.52	-23.48	-20.15	-20.14	-20.52	-16.82	-17.94	-23.35
150	-21.87	-28.58	-29.12	-22.47	-21.23	-16.95	-14.72	-15.88	-19.05	-26.67	-32.49	-24.15
180	-19.67	-18.6	-16.42	-16.42	-16.62	-15.85	-14.24	-13.58	-14.5	-17.56	-24.72	-27.57

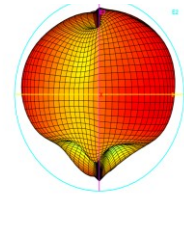




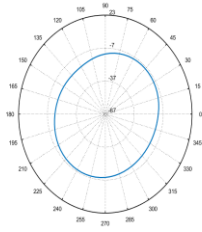
Total_Polar_H_912MHz



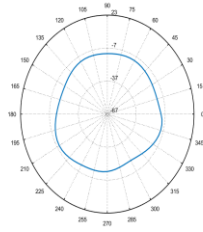
Total_Polar_E1_912MHz



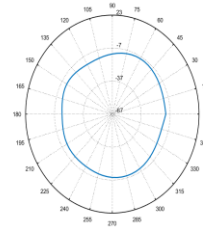
Total_Polar_E2_912MHz



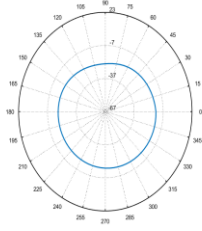
Theta_Polar_H_912MHz



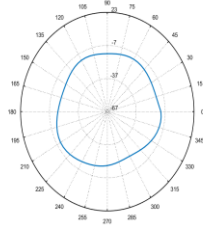
Theta_Polar_E1_912MHz



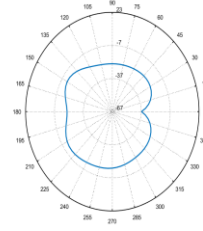
Theta_Polar_E2_912MHz



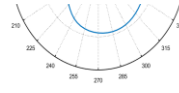
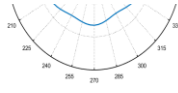
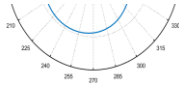
Phi_Polar_H_912MHz



Phi_Polar_E1_912MHz



Phi_Polar_E2_912MHz



922MHz
Horizontal+Vertical
Peak EIRP -8.87
Directivity 4
Efficiency (-12.87
Efficiency (5.16
Gain (dBi) -8.87

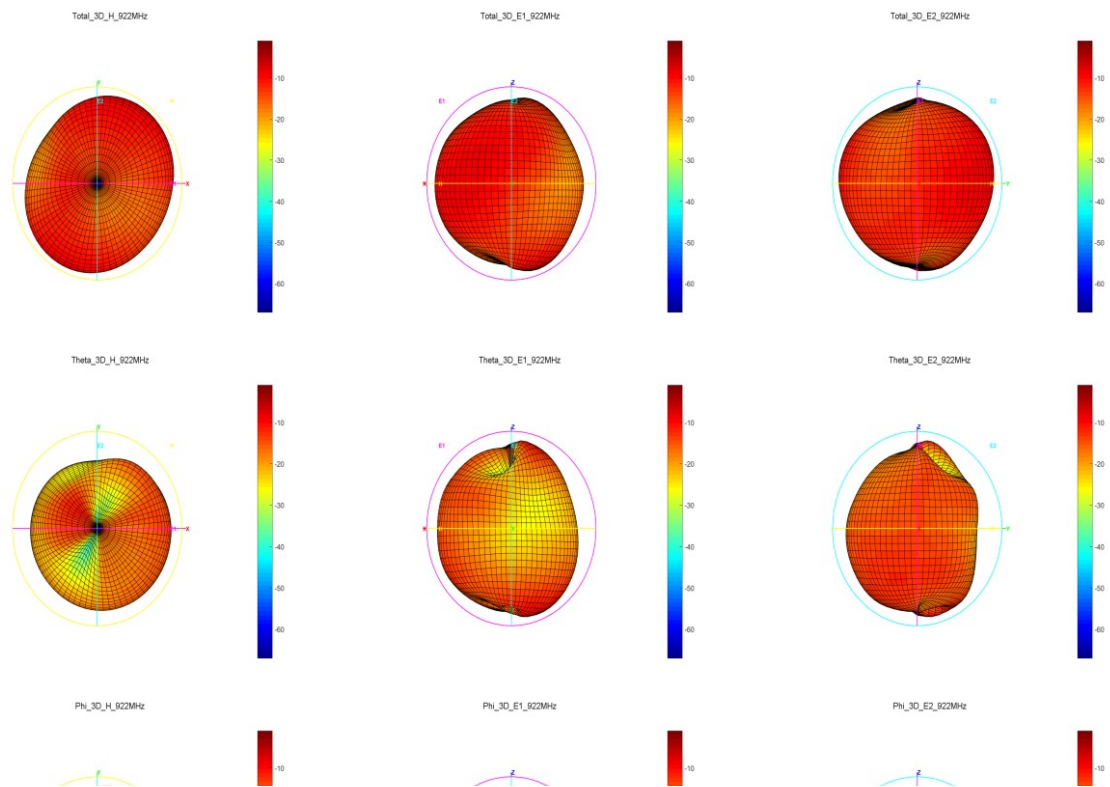
Horizontal
H Peak EIR -9.98
H Directivi 4
H Efficiency -12.87
H Efficiency 5.16
H Gain (dB -9.98

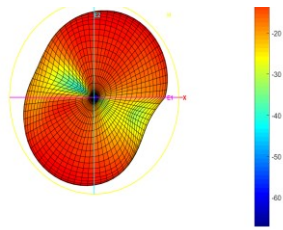
Vertical
V Peak EIR -9.19
V Directivi 4
V Efficiency -12.87
V Efficiency 5.16
V Gain (dB -9.19

Horizontal+Vertical												
Theta\Phi	0	30	60	90	120	150	180	210	240	270	300	330
0	-14.29	-13.96	-13.91	-14.2	-15.36	-14.8	-14.3	-14.78	-15.85	-16.57	-16.47	-15.52
30	-15.44	-13.56	-12.1	-12.13	-13.03	-13.28	-12.67	-12.24	-13.27	-15.56	-17.2	-17.07
60	-12.38	-11.35	-9.43	-9.8	-12.82	-18.34	-17.49	-12.09	-9.77	-10.73	-13.78	-16.01
90	-11.92	-9.03	-8.87	-12.3	-17.46	-18.83	-15.35	-11	-9.25	-10.26	-12.99	-14.09
120	-11.61	-11.14	-11.48	-13.92	-15.66	-14.84	-14.03	-14.44	-14.43	-12.57	-12.31	-12.13
150	-14.84	-16.37	-14.73	-12.04	-10	-9.15	-9.75	-12.32	-12.94	-13.12	-13.05	-13.22
180	-15.33	-15.9	-15.6	-15.31	-14.82	-14.29	-13.8	-13.14	-13.01	-13.17	-13.7	-14.53

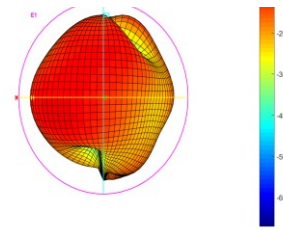
Horizontal												
Theta\Phi	0	30	60	90	120	150	180	210	240	270	300	330
0	-14.66	-15.59	-19.41	-41.97	-20.96	-15.91	-14.71	-17.72	-28.33	-24.29	-17.59	-15.55
30	-17.18	-19.34	-29.11	-22.18	-15.04	-13.29	-14.92	-21.29	-36.74	-21.35	-18.23	-17.63
60	-13.8	-14.78	-16.3	-22.43	-25.76	-20.95	-20.13	-22.62	-24.79	-19.79	-17.25	-16.18
90	-14.33	-16.58	-20.3	-24.95	-24.45	-21.47	-20.05	-19.48	-18.07	-16.45	-14.99	-14.46
120	-12.91	-13.79	-17.1	-19.54	-17.63	-15.75	-15.23	-15.65	-15.85	-14.72	-13.61	-12.37
150	-15.8	-16.99	-14.79	-12.26	-10.3	-9.98	-11.45	-14.83	-14.55	-13.47	-13.12	-13.47
180	-17.81	-19.83	-22.55	-19.97	-17.33	-18.3	-23.89	-28.41	-19.47	-15.66	-14.32	-15.05

Vertical												
Theta\Phi	0	30	60	90	120	150	180	210	240	270	300	330
0	-25.18	-19.02	-15.34	-14.2	-16.76	-21.3	-24.77	-17.86	-16.1	-17.37	-22.91	-37.14
30	-20.25	-14.89	-12.19	-12.58	-17.33	-38.7	-16.6	-12.82	-13.29	-16.89	-23.93	-26.21
60	-17.93	-13.98	-10.43	-10.05	-13.05	-21.78	-20.9	-12.49	-9.91	-11.3	-16.38	-30.04
90	-15.62	-9.87	-9.19	-12.54	-18.43	-22.24	-17.15	-11.67	-9.86	-11.45	-17.32	-24.89
120	-17.48	-14.53	-12.87	-15.31	-20.03	-22.08	-20.2	-20.56	-19.98	-16.65	-18.18	-24.78
150	-21.87	-25.12	-33.01	-25.16	-21.82	-16.76	-14.67	-15.9	-18.02	-24.19	-30.79	-25.75
180	-18.94	-18.15	-16.58	-17.12	-18.4	-16.5	-14.25	-13.27	-14.12	-16.78	-22.46	-24.01

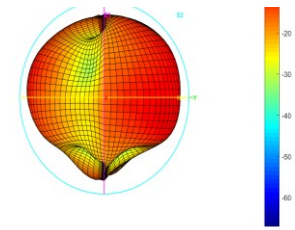




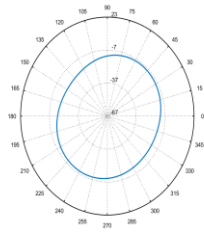
Total_Polar_H_922MHz



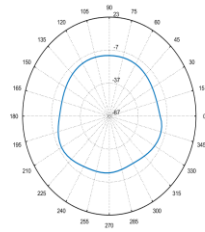
Total_Polar_E1_922MHz



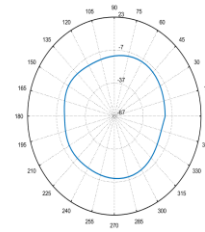
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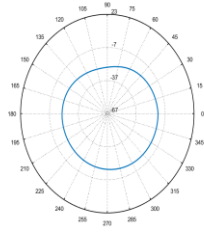
Theta_Polar_H_922MHz



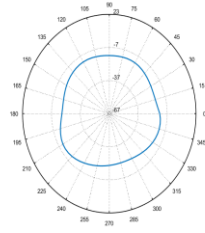
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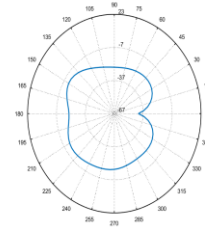
Theta_Polar_E2_922MHz



Phi_Polar_H_922MHz



Phi_Polar_E1_922MHz



Phi_Polar_E2_922MHz

