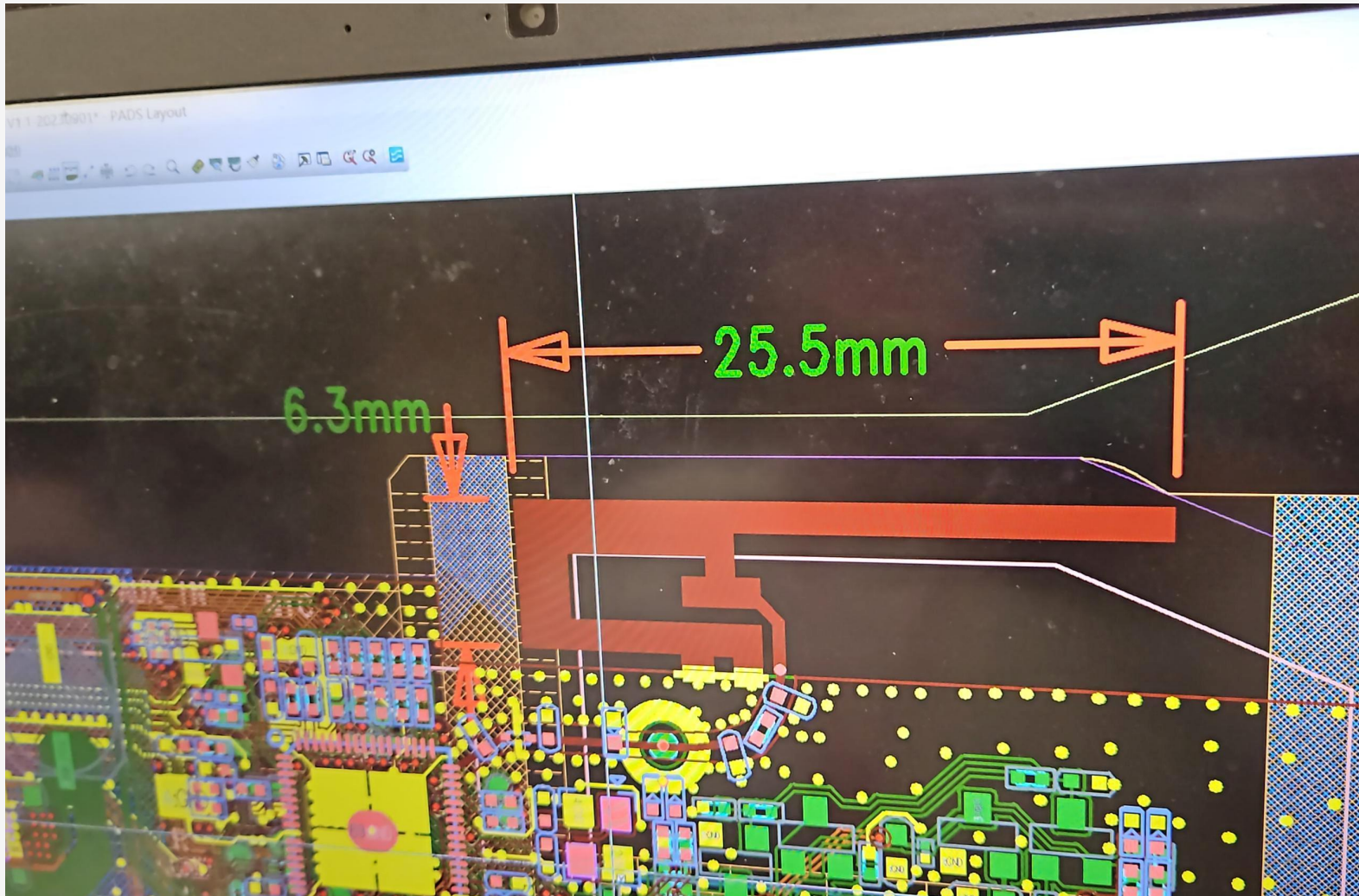
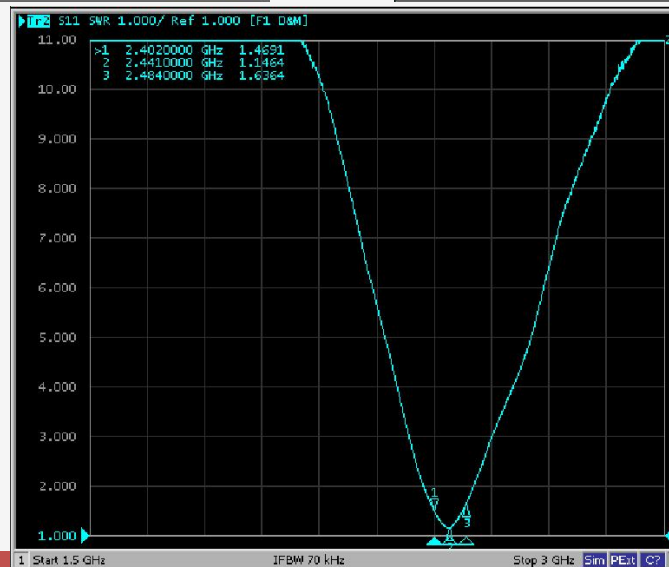
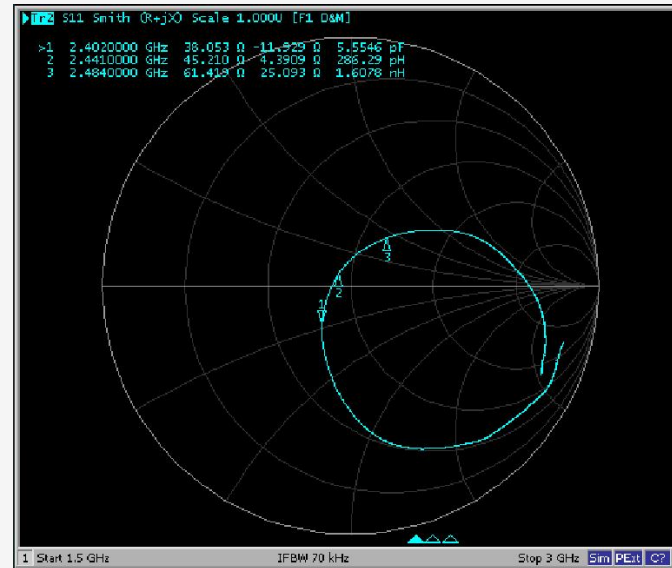
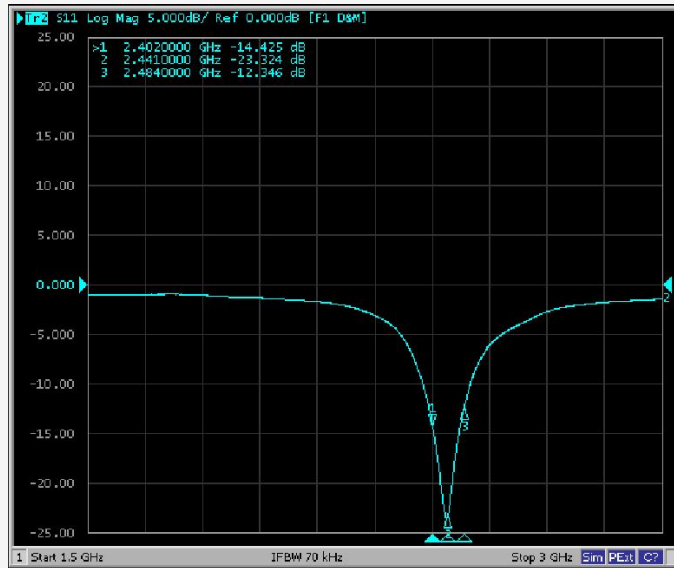


Antenna size:



Antenna test results:

Machine data - Passive S11 parameter diagram



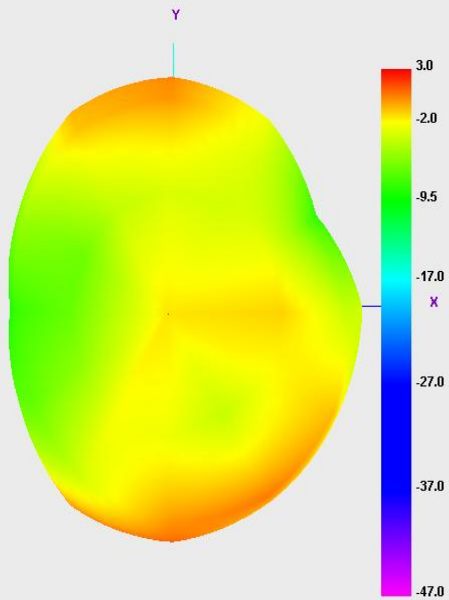
Antenna passive efficiency:

Machine data

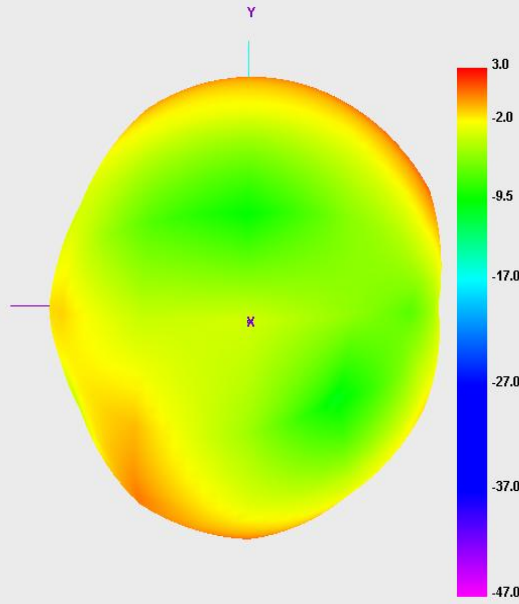
Frequency (MHz)	Efficiency (%)	AVG Gain (dB)	Gain (dBi)
2350	59.38	-2.26	2.01
2360	60.45	-2.19	1.92
2370	61.32	-2.12	2.1
2380	62.46	-2.04	2.08
2390	63.32	-1.98	2.25
2400	63.34	-1.98	2.47
2410	63.29	-1.99	2.59
2420	63.19	-1.99	2.62
2430	63.08	-2	2.79
2440	63.79	-1.95	2.93
2450	62.66	-2.03	3.03
2460	63.38	-1.98	2.91
2470	62.96	-2.01	2.84
2480	59.74	-2.24	2.72
2490	57.39	-2.41	2.66
2500	55.71	-2.54	2.42
2510	55.04	-2.59	2.39
2520	53.07	-2.75	2.28
2530	50.44	-2.97	2.11
2540	49.01	-3.1	2.06
2550	47.48	-3.24	1.83

Antenna passive efficiency field pattern diagram:

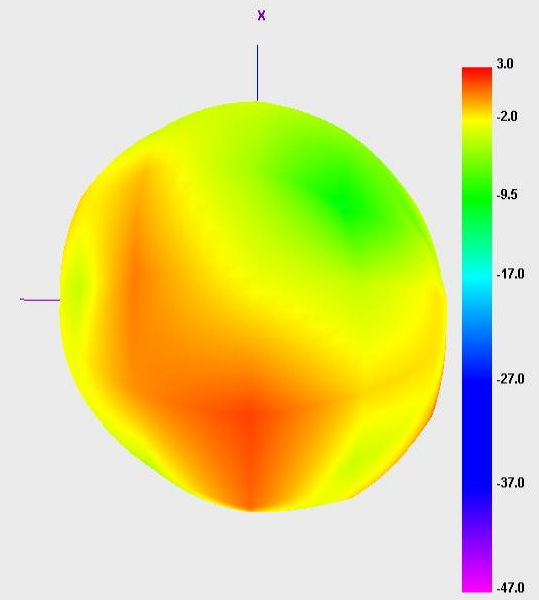
2450.000MHz



2450.000MHz



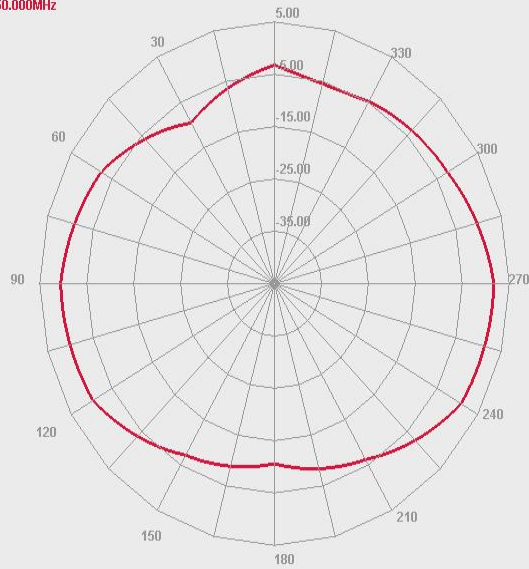
2450.000MHz



Antenna passive efficiency field pattern diagram:

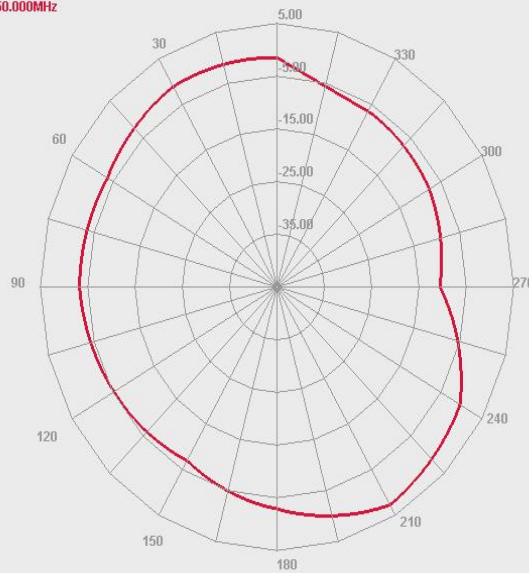
Horizontal

2450.000MHz



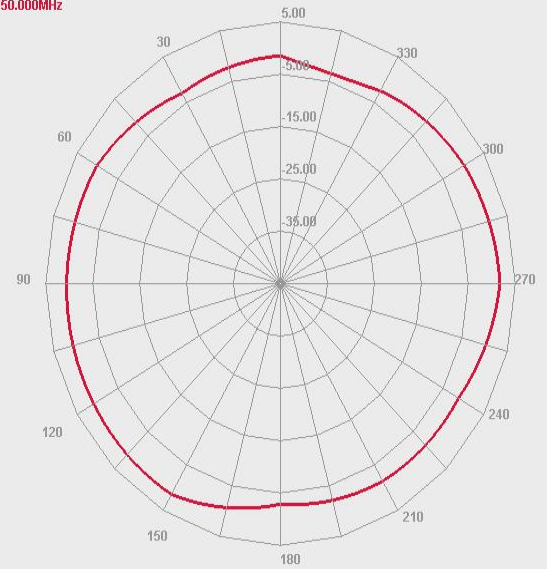
E1 Face

2450.000MHz



E2 Face

2450.000MHz



Antenna passive efficiency field pattern diagram:

MIN= -11



Antenna OTA active test data:

Free space state--- 1#			
BAND	CH	TRP (dBm)	TIS (dBm)
BT	0	8.35	-91.36
	39	8.47	-91.62
	78	9.22	-91.74

Conducting data--- 1#			
BAND	CH	TRP (dBm)	TIS (dBm)
BT	0	9.94	-93.5
	39	9.97	-93.5
	78	10.73	-93.5

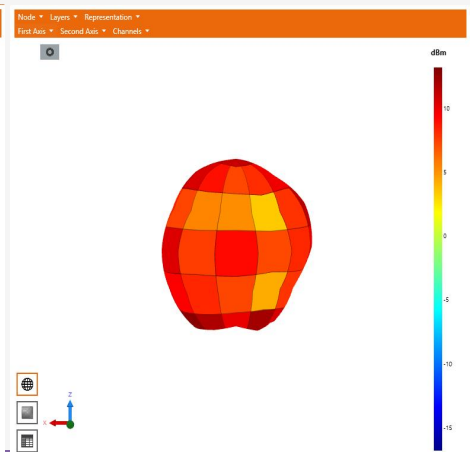
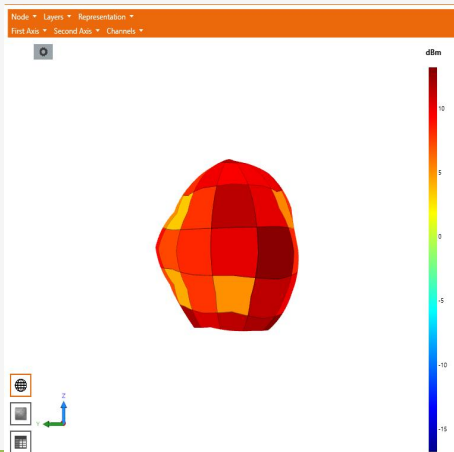
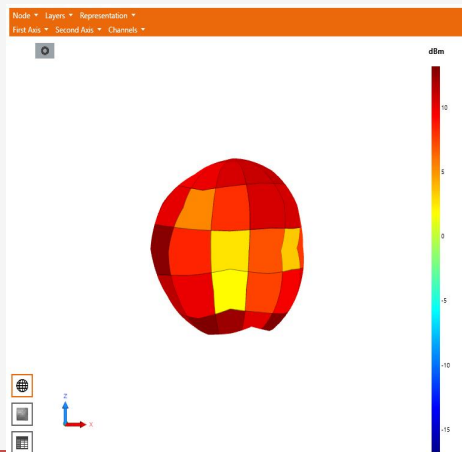
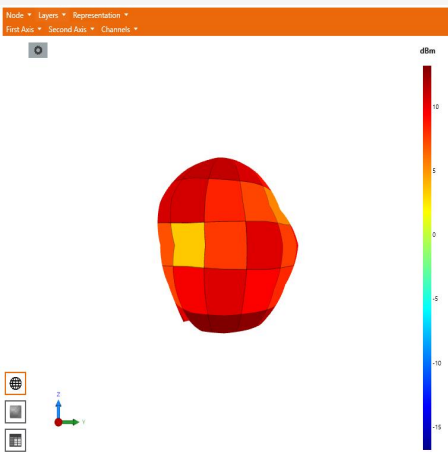
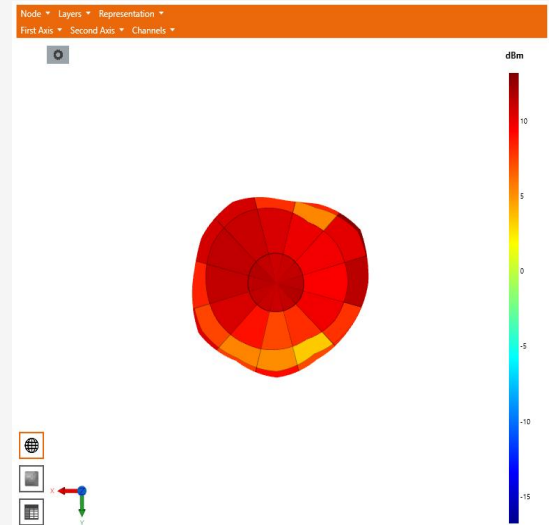
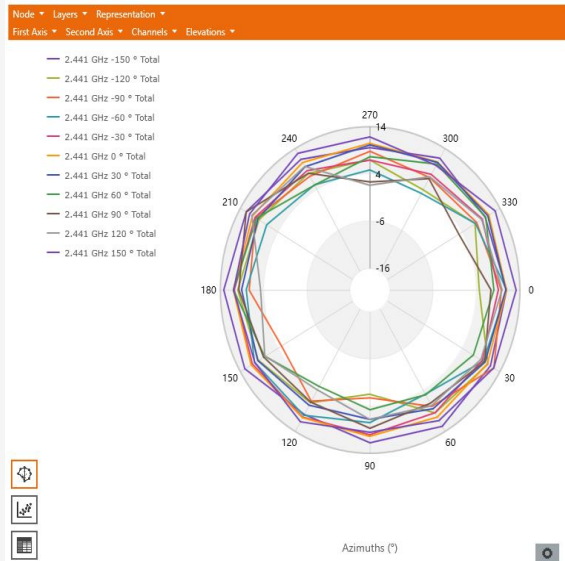
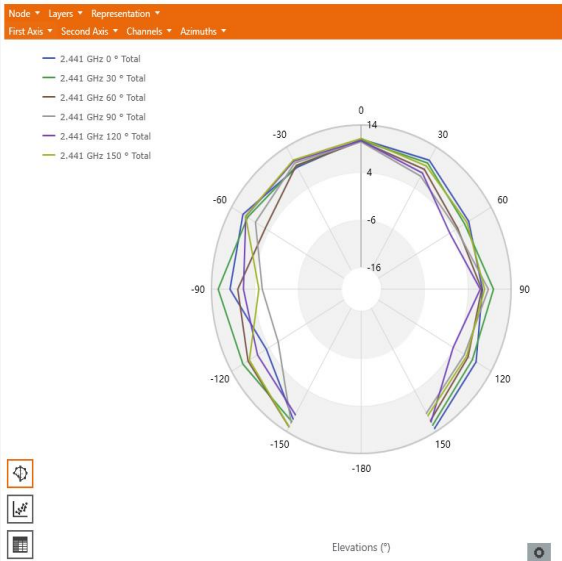
Antenna OTA active test data:

Free space state--- 2#			
BAND	CH	TRP (dBm)	TIS (dBm)
BT	0	8.29	-91.47
	39	8.33	-91.58
	78	9.18	-91.83

Antenna active data:

Whole field shape data - Free space - Main antenna

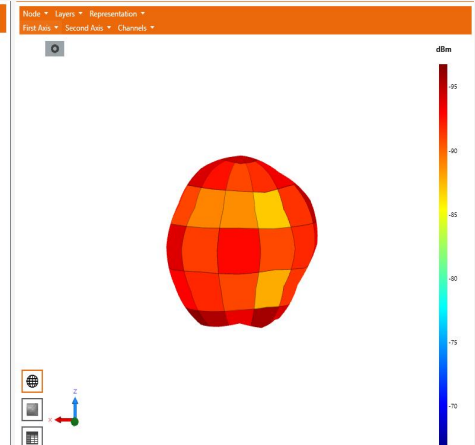
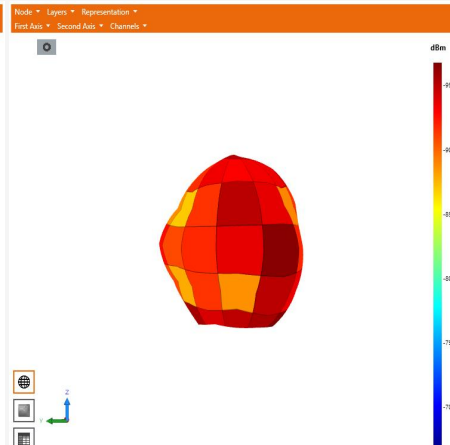
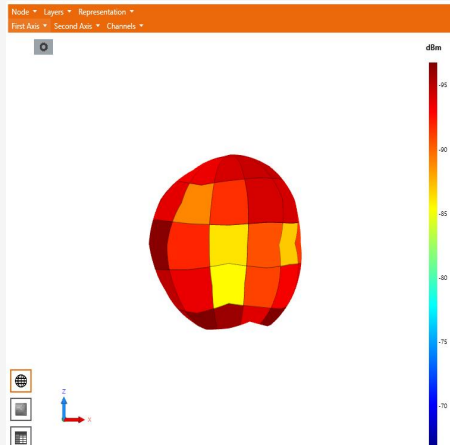
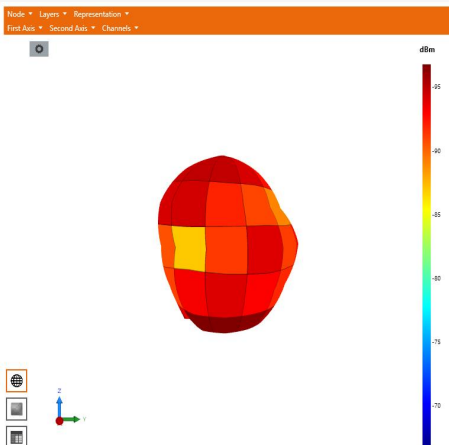
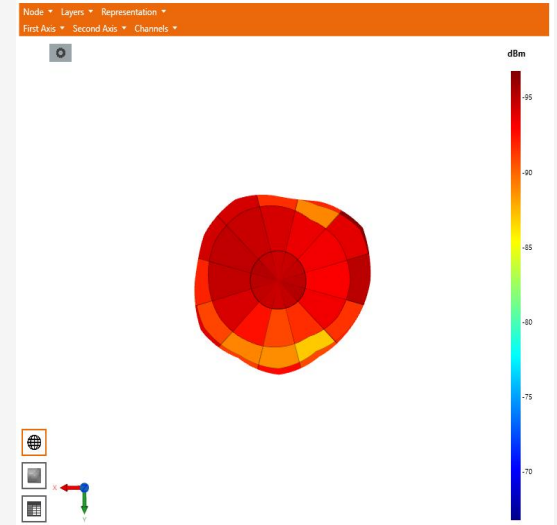
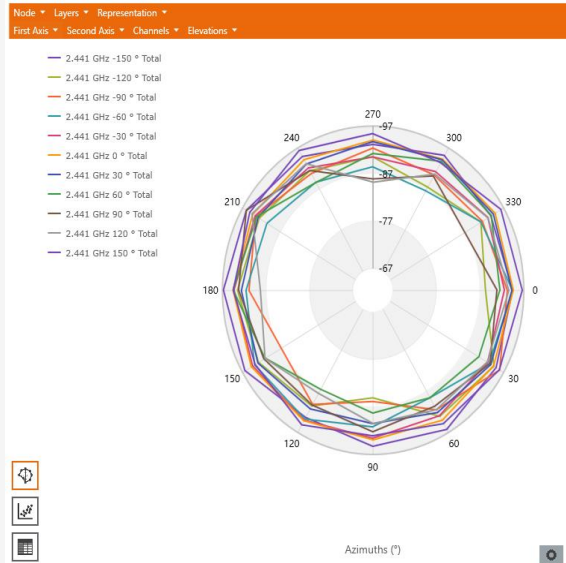
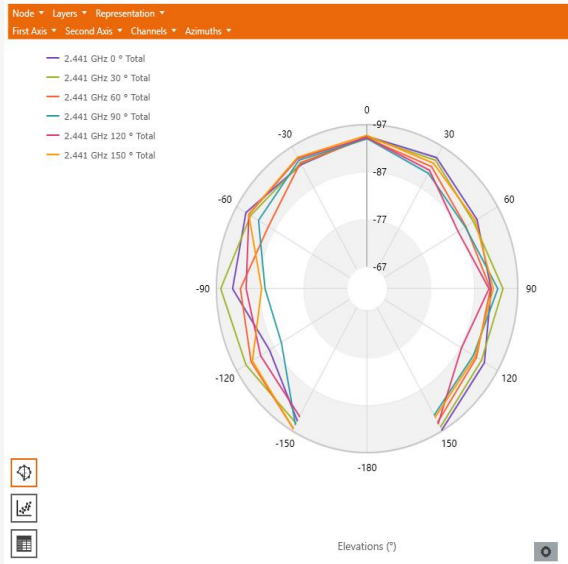
1#---TRP



Antenna active data:

Whole field shape data - Free space - Main antenna

1#---TIS



OTA active testing - full angle data:

1#

2402-TRP											
Azimuth s	2.402 GHz - 150 Total	2.402 GHz - 120 Total	2.402 GHz -90 Total	2.402 GHz -60 Total	2.402 GHz -30 Total	2.402 GHz 0 Total	2.402 GHz 30 Total	2.402 GHz 60 Total	2.402 GHz 90 Total	2.402 GHz 120 Total	2.402 GHz 150 Total
0	10.6	5.38	9.03	10.34	9.43	11.39	10.81	7.95	8.63	11.53	13.72
30	10.83	10.76	11.61	10.23	9.93	11.36	10.09	7.45	11.12	9.93	13.57
60	13.32	10.02	8.43	6.33	9.41	11.09	8.38	3.96	6.83	9.51	12.15
90	13.61	2.66	0.16	6.71	9.23	10.73	6.71	5.09	9	7.06	9.88
120	10.8	6.52	5.85	9.13	9.46	10.79	6.84	3.18	6.88	4.42	12.71
150	13.3	10.51	4.14	9.74	10.27	11.31	8	7.43	8.59	8.29	10
180	13.72	11.53	8.63	7.95	10.81	11.39	9.43	10.34	9.03	5.38	10.6
210	13.57	9.93	11.12	7.45	10.09	11.36	9.93	10.23	11.61	10.76	10.83
240	12.15	9.51	6.83	3.96	8.38	11.09	9.41	6.33	8.43	10.02	13.32
270	9.88	7.06	9	5.09	6.71	10.73	9.23	6.71	0.16	2.66	13.61
300	12.71	4.42	6.88	3.18	6.84	10.79	9.46	9.13	5.85	6.52	10.8
330	10	8.29	8.59	7.43	8	11.31	10.27	9.74	4.14	10.51	13.3

2402-TIS											
Azimuth s	2.402 GHz - 150 Total	2.402 GHz - 120 Total	2.402 GHz -90 Total	2.402 GHz -60 Total	2.402 GHz -30 Total	2.402 GHz 0 Total	2.402 GHz 30 Total	2.402 GHz 60 Total	2.402 GHz 90 Total	2.402 GHz 120 Total	2.402 GHz 150 Total
0	-93.64	-88.42	-92.07	-93.38	-92.47	-94.43	-93.86	-91	-91.67	-94.57	-96.76
30	-93.87	-93.8	-94.65	-93.27	-92.97	-94.4	-93.13	-90.49	-94.16	-92.97	-96.61
60	-96.36	-93.06	-91.47	-89.37	-92.45	-94.13	-91.42	-87	-89.87	-92.55	-95.19
90	-96.66	-85.7	-83.2	-89.76	-92.27	-93.77	-89.75	-88.13	-92.04	-90.1	-92.92
120	-93.84	-89.56	-88.9	-92.17	-92.5	-93.83	-89.88	-86.22	-89.92	-87.46	-95.75
150	-96.34	-93.55	-87.18	-92.78	-93.31	-94.35	-91.04	-90.47	-91.63	-91.33	-93.04
180	-96.76	-94.57	-91.67	-91	-93.86	-94.43	-92.47	-93.38	-92.07	-88.42	-93.64
210	-96.61	-92.97	-94.16	-90.49	-93.13	-94.4	-92.97	-93.27	-94.65	-93.8	-93.87
240	-95.19	-92.55	-89.87	-87	-91.42	-94.13	-92.45	-89.37	-91.47	-93.06	-96.36
270	-92.92	-90.1	-92.04	-88.13	-89.75	-93.77	-92.27	-89.76	-83.2	-85.7	-96.66
300	-95.75	-87.46	-89.92	-86.22	-89.88	-93.83	-92.5	-92.17	-88.9	-89.56	-93.84
330	-93.04	-91.33	-91.63	-90.47	-91.04	-94.35	-93.31	-92.78	-87.18	-93.55	-96.34

OTA active testing - full angle data:

1#

2441-TRP											
Azimuth s	2. 441 GHz - 150 Total	2. 441 GHz - 120 Total	2. 441 GHz -90 Total	2. 441 GHz -60 Total	2. 441 GHz -30 Total	2. 441 GHz 0 Total	2. 441 GHz 30 Total	2. 441 GHz 60 Total	2. 441 GHz 90 Total	2. 441 GHz 120 Total	2. 441 GHz 150 Total
0	10.95	4.72	9.73	10.98	9.09	11.01	10.79	8.02	7.34	9.98	13.22
30	11.56	10.96	12.45	9.74	9.37	10.78	10.12	6.98	9.96	9.06	12.45
60	12.83	9.61	7.94	5.04	9.52	10.58	8.58	5.11	7.21	7.89	11.37
90	11.85	1.58	2.28	7.64	10.15	10.49	6.93	4.84	8.79	6.95	9.57
120	9.91	7.08	6.62	10.2	10.6	10.71	7.69	3.04	6.9	3.93	11.66
150	12.85	9.26	3.06	10.26	10.83	11.17	9.4	7.55	7.86	7.49	10.15
180	13.22	9.98	7.34	8.02	10.79	11.01	9.09	10.98	9.73	4.72	10.95
210	12.45	9.06	9.96	6.98	10.12	10.78	9.37	9.74	12.45	10.96	11.56
240	11.37	7.89	7.21	5.11	8.58	10.58	9.52	5.04	7.94	9.61	12.83
270	9.57	6.95	8.79	4.84	6.93	10.49	10.15	7.64	2.28	1.58	11.85
300	11.66	3.93	6.9	3.04	7.69	10.71	10.6	10.2	6.62	7.08	9.91
330	10.15	7.49	7.86	7.55	9.4	11.17	10.83	10.26	3.06	9.26	12.85

2441-TIS											
Azimuth s	2. 441 GHz - 150 Total	2. 441 GHz - 120 Total	2. 441 GHz -90 Total	2. 441 GHz -60 Total	2. 441 GHz -30 Total	2. 441 GHz 0 Total	2. 441 GHz 30 Total	2. 441 GHz 60 Total	2. 441 GHz 90 Total	2. 441 GHz 120 Total	2. 441 GHz 150 Total
0	-94.51	-88.28	-93.29	-94.54	-92.65	-94.57	-94.34	-91.58	-90.9	-93.54	-96.78
30	-95.12	-94.52	-96.01	-93.3	-92.93	-94.34	-93.68	-90.54	-93.52	-92.62	-96.01
60	-96.39	-93.17	-91.5	-88.6	-93.08	-94.14	-92.14	-88.67	-90.77	-91.45	-94.93
90	-95.41	-85.14	-85.84	-91.2	-93.71	-94.04	-90.49	-88.4	-92.35	-90.51	-93.13
120	-93.47	-90.64	-90.18	-93.76	-94.16	-94.27	-91.25	-86.6	-90.46	-87.49	-95.22
150	-96.41	-92.82	-86.62	-93.82	-94.39	-94.73	-92.96	-91.11	-91.41	-91.05	-93.71
180	-96.78	-93.54	-90.9	-91.58	-94.34	-94.57	-92.65	-94.54	-93.29	-88.28	-94.51
210	-96.01	-92.62	-93.52	-90.54	-93.68	-94.34	-92.93	-93.3	-96.01	-94.52	-95.12
240	-94.93	-91.45	-90.77	-88.67	-92.14	-94.14	-93.08	-88.6	-91.5	-93.17	-96.39
270	-93.13	-90.51	-92.35	-88.4	-90.49	-94.04	-93.71	-91.2	-85.84	-85.14	-95.41
300	-95.22	-87.49	-90.46	-86.6	-91.25	-94.27	-94.16	-93.76	-90.18	-90.64	-93.47
330	-93.71	-91.05	-91.41	-91.11	-92.96	-94.73	-94.39	-93.82	-86.62	-92.82	-96.41

OTA active testing - full angle data:

1#

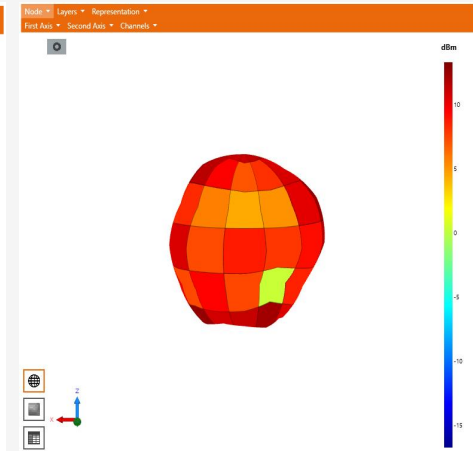
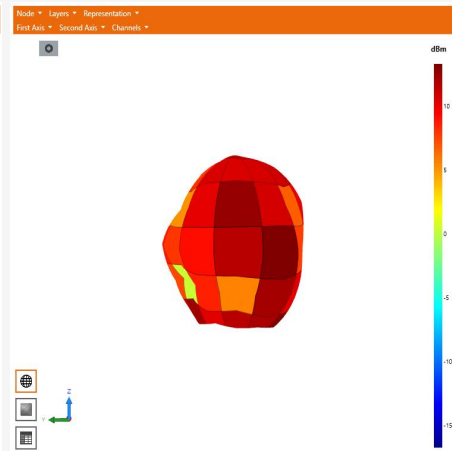
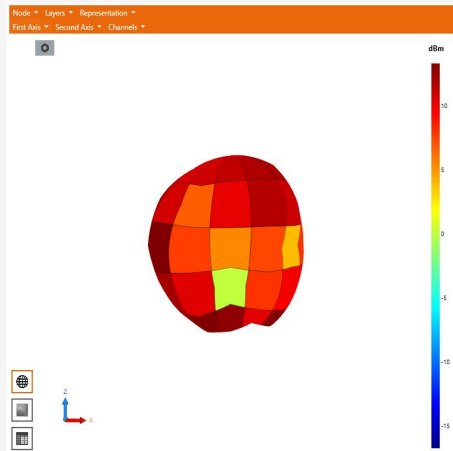
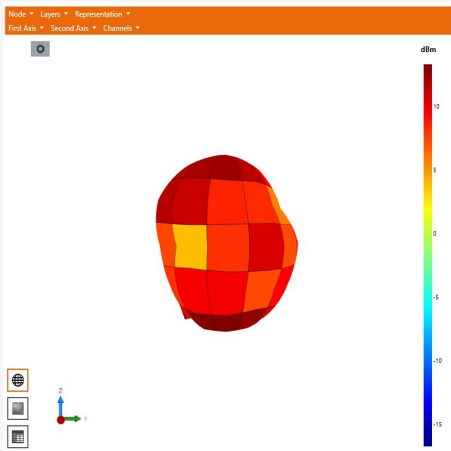
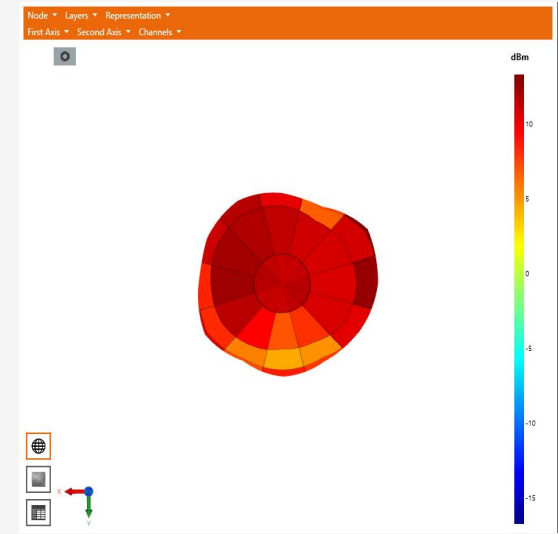
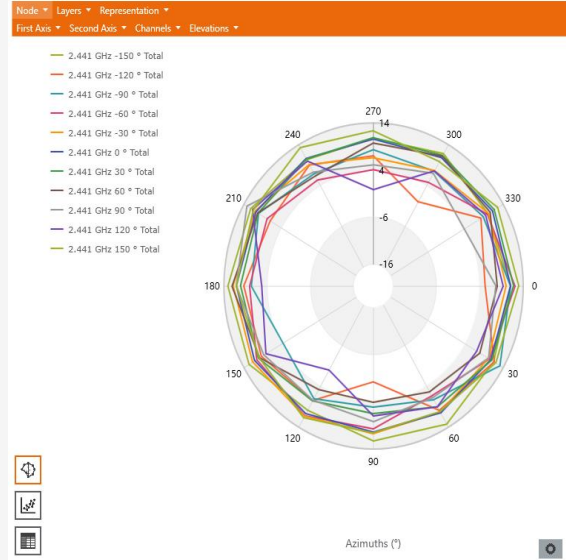
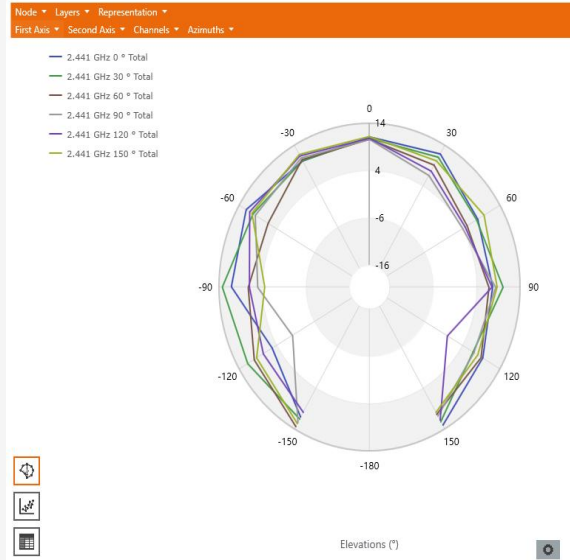
2480-TRP											
Azimuth s	2.48 GHz - 150 Total	2.48 GHz - 120 Total	2.48 GHz -90 Total	2.48 GHz -60 Total	2.48 GHz -30 Total	2.48 GHz 0 Total	2.48 GHz 30 Total	2.48 GHz 60 Total	2.48 GHz 90 Total	2.48 GHz 120 Total	2.48 GHz 150 Total
0	11.27	4.12	10.18	9.67	8.99	11.06	11.04	7.6	8	9.66	12.6
30	11.47	11.35	12.62	8.96	9.33	10.93	10.46	6.17	8.64	8.94	12
60	11.57	9.21	7.14	4.83	9.19	10.5	9.29	4.96	6.7	6.15	10.96
90	10.66	0.41	3.11	7.19	9.94	10.47	6.85	4.05	7.9	6.45	8.96
120	9.94	6.55	6.91	9.81	10.57	10.58	9.13	3.49	6.98	2.7	10.76
150	12.08	6.3	5.5	9.71	10.6	11	10.54	6.46	7.55	7.68	9.74
180	12.6	9.66	8	7.6	11.04	11.06	8.99	9.67	10.18	4.12	11.27
210	12	8.94	8.64	6.17	10.46	10.93	9.33	8.96	12.62	11.35	11.47
240	10.96	6.15	6.7	4.96	9.29	10.5	9.19	4.83	7.14	9.21	11.57
270	8.96	6.45	7.9	4.05	6.85	10.47	9.94	7.19	3.11	0.41	10.66
300	10.76	2.7	6.98	3.49	9.13	10.58	10.57	9.81	6.91	6.55	9.94
330	9.74	7.68	7.55	6.46	10.54	11	10.6	9.71	5.5	6.3	12.08

2480-TIS											
Azimuth s	2.48 GHz - 150 Total	2.48 GHz - 120 Total	2.48 GHz -90 Total	2.48 GHz -60 Total	2.48 GHz -30 Total	2.48 GHz 0 Total	2.48 GHz 30 Total	2.48 GHz 60 Total	2.48 GHz 90 Total	2.48 GHz 120 Total	2.48 GHz 150 Total
0	-94.1	-86.95	-93.01	-92.5	-91.82	-93.89	-93.87	-90.43	-90.83	-92.49	-95.43
30	-94.3	-94.18	-95.45	-91.79	-92.16	-93.76	-93.29	-89	-91.47	-91.77	-94.83
60	-94.4	-92.04	-89.97	-87.66	-92.02	-93.33	-92.12	-87.79	-89.53	-88.98	-93.79
90	-93.49	-83.24	-85.94	-90.02	-92.77	-93.3	-89.68	-86.88	-90.73	-89.29	-91.79
120	-92.77	-89.38	-89.74	-92.64	-93.4	-93.41	-91.97	-86.32	-89.81	-85.53	-93.59
150	-94.91	-89.13	-88.33	-92.54	-93.43	-93.83	-93.37	-89.29	-90.38	-90.51	-92.57
180	-95.43	-92.49	-90.83	-90.43	-93.87	-93.89	-91.82	-92.5	-93.01	-86.95	-94.1
210	-94.83	-91.77	-91.47	-89	-93.29	-93.76	-92.16	-91.79	-95.45	-94.18	-94.3
240	-93.79	-88.98	-89.53	-87.79	-92.12	-93.33	-92.02	-87.66	-89.97	-92.04	-94.4
270	-91.79	-89.29	-90.73	-86.88	-89.68	-93.3	-92.77	-90.02	-85.94	-83.24	-93.49
300	-93.59	-85.53	-89.81	-86.32	-91.97	-93.41	-93.4	-92.64	-89.74	-89.38	-92.77
330	-92.57	-90.51	-90.38	-89.29	-93.37	-93.83	-93.43	-92.54	-88.33	-89.13	-94.91

Antenna active data:

2#---TRP

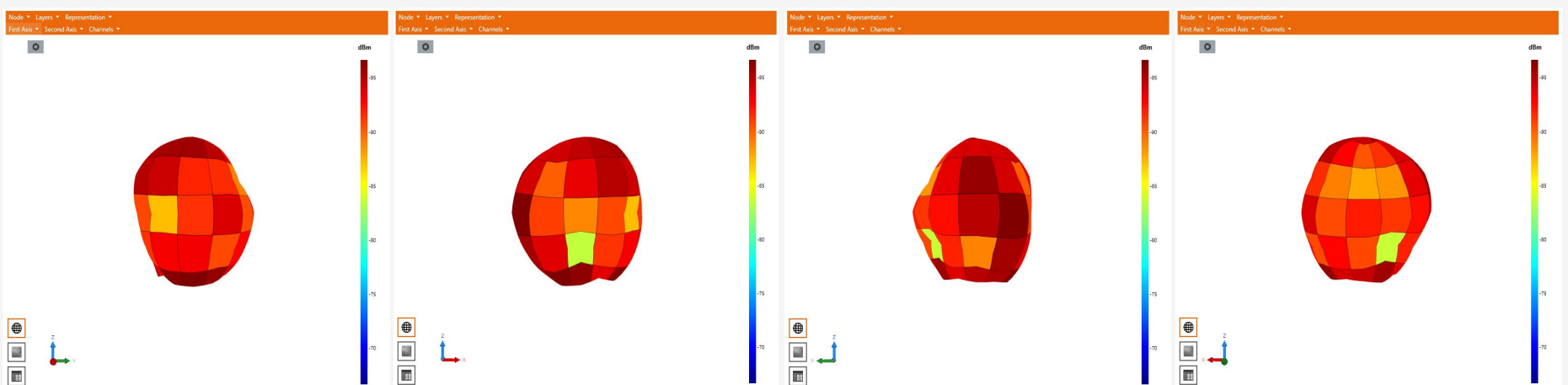
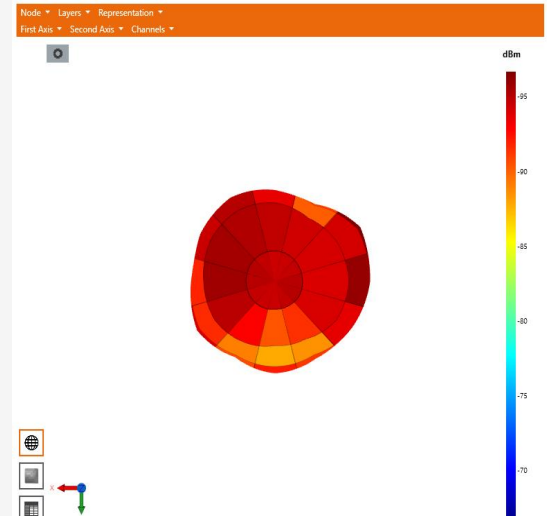
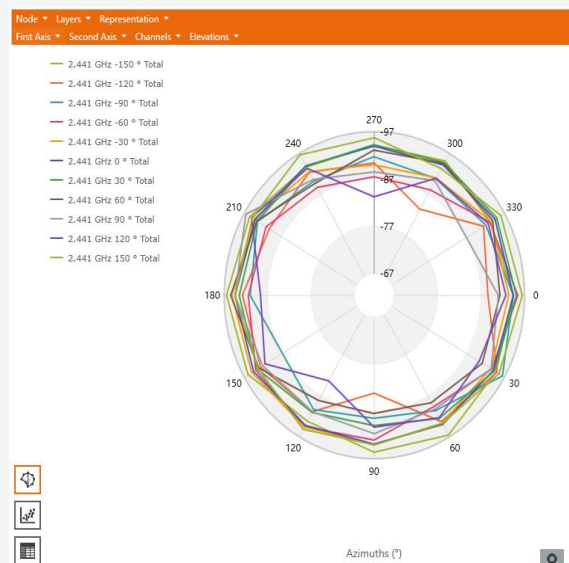
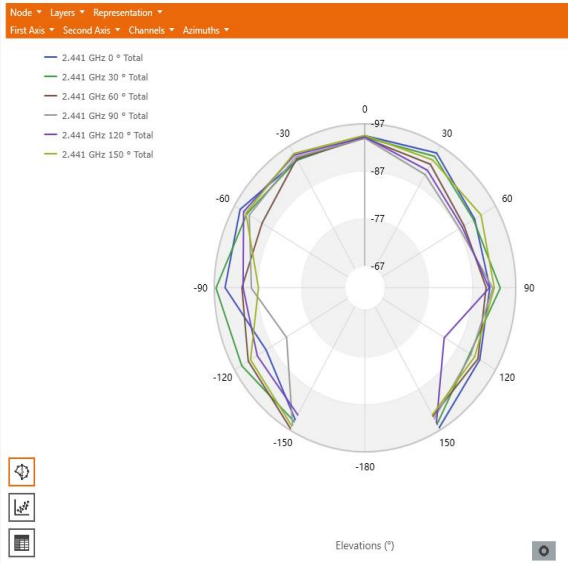
Whole field shape data - Free space - Main antenna



Antenna active data:

Whole field shape data - Free space - Main antenna

2#---TRP



OTA active testing - full angle data:

2#

2402-TRP											
Azimuth s	2.402 GHz - 150 Total	2.402 GHz - 120 Total	2.402 GHz -90 Total	2.402 GHz -60 Total	2.402 GHz -30 Total	2.402 GHz 0 Total	2.402 GHz 30 Total	2.402 GHz 60 Total	2.402 GHz 90 Total	2.402 GHz 120 Total	2.402 GHz 150 Total
0	10.98	5.93	10.32	11.68	10.57	11.45	11.86	8.22	8.94	10.67	13.7
30	10.93	11.59	12.29	11	10.69	11.44	10.99	7.74	10.56	8.07	13.49
60	13.86	10.04	7.35	6.98	10.27	11.21	8.51	4.26	6.53	9.99	10.58
90	14.02	2.12	5.05	9.45	10.06	10.79	6.1	4.27	8.22	7.49	11.58
120	11.24	7.16	7.02	10.58	10.5	11.15	6.77	4.69	7.42	-0.22	12.25
150	13.42	10.39	4.65	10.29	11.38	11.64	9.31	9.19	9.17	8.71	9.78
180	13.7	10.67	8.94	8.22	11.86	11.45	10.57	11.68	10.32	5.93	10.98
210	13.49	8.07	10.56	7.74	10.99	11.44	10.69	11	12.29	11.59	10.93
240	10.58	9.99	6.53	4.26	8.51	11.21	10.27	6.98	7.35	10.04	13.86
270	11.58	7.49	8.22	4.27	6.1	10.79	10.06	9.45	5.05	2.12	14.02
300	12.25	-0.22	7.42	4.69	6.77	11.15	10.5	10.58	7.02	7.16	11.24
330	9.78	8.71	9.17	9.19	9.31	11.64	11.38	10.29	4.65	10.39	13.42

2402-TIS											
Azimuth s	2.402 GHz - 150 Total	2.402 GHz - 120 Total	2.402 GHz -90 Total	2.402 GHz -60 Total	2.402 GHz -30 Total	2.402 GHz 0 Total	2.402 GHz 30 Total	2.402 GHz 60 Total	2.402 GHz 90 Total	2.402 GHz 120 Total	2.402 GHz 150 Total
0	-93.5	-88.45	-92.84	-94.19	-93.08	-93.97	-94.38	-90.74	-91.45	-93.18	-96.22
30	-93.45	-94.11	-94.81	-93.52	-93.21	-93.96	-93.51	-90.26	-93.08	-90.59	-96.01
60	-96.37	-92.56	-89.86	-89.49	-92.79	-93.72	-91.03	-86.78	-89.05	-92.51	-93.09
90	-96.53	-84.64	-87.57	-91.96	-92.57	-93.3	-88.62	-86.78	-90.74	-90	-94.09
120	-93.76	-89.68	-89.53	-93.09	-93.02	-93.66	-89.28	-87.21	-89.93	-82.3	-94.77
150	-95.93	-92.91	-87.16	-92.8	-93.89	-94.15	-91.82	-91.71	-91.68	-91.23	-92.29
180	-96.22	-93.18	-91.45	-90.74	-94.38	-93.97	-93.08	-94.19	-92.84	-88.45	-93.5
210	-96.01	-90.59	-93.08	-90.26	-93.51	-93.96	-93.21	-93.52	-94.81	-94.11	-93.45
240	-93.09	-92.51	-89.05	-86.78	-91.03	-93.72	-92.79	-89.49	-89.86	-92.56	-96.37
270	-94.09	-90	-90.74	-86.78	-88.62	-93.3	-92.57	-91.96	-87.57	-84.64	-96.53
300	-94.77	-82.3	-89.93	-87.21	-89.28	-93.66	-93.02	-93.09	-89.53	-89.68	-93.76
330	-92.29	-91.23	-91.68	-91.71	-91.82	-94.15	-93.89	-92.8	-87.16	-92.91	-95.93

OTA active testing - full angle data:

2#

2441-TRP											
Azimuth s	2.441 GHz - 150 Total	2.441 GHz - 120 Total	2.441 GHz -90 Total	2.441 GHz -60 Total	2.441 GHz -30 Total	2.441 GHz 0 Total	2.441 GHz 30 Total	2.441 GHz 60 Total	2.441 GHz 90 Total	2.441 GHz 120 Total	2.441 GHz 150 Total
0	11.13	5.26	11.15	12.14	10.16	11.13	11.87	8.06	7.65	9.4	13.09
30	11.53	11.71	13.22	10.34	10.24	10.81	11.08	7.84	10.12	6.99	12.2
60	13.3	9.99	7.28	6.33	10.48	10.63	9.15	5.33	6.88	9.03	10.34
90	12.34	-0.19	5.1	9.72	10.88	10.57	6.6	4.06	8.32	7.02	10.73
120	9.9	7.58	7	11.2	11.4	10.85	7.68	4.76	7.51	0.01	11.82
150	12.67	9.36	3.49	10.61	11.74	11.2	10.19	9.82	8.74	8.14	9.99
180	13.09	9.4	7.65	8.06	11.87	11.13	10.16	12.14	11.15	5.26	11.13
210	12.2	6.99	10.12	7.84	11.08	10.81	10.24	10.34	13.22	11.71	11.53
240	10.34	9.03	6.88	5.33	9.15	10.63	10.48	6.33	7.28	9.99	13.3
270	10.73	7.02	8.32	4.06	6.6	10.57	10.88	9.72	5.1	-0.19	12.34
300	11.82	0.01	7.51	4.76	7.68	10.85	11.4	11.2	7	7.58	9.9
330	9.99	8.14	8.74	9.82	10.19	11.2	11.74	10.61	3.49	9.36	12.67

2441-TIS											
Azimuth s	2.441 GHz - 150 Total	2.441 GHz - 120 Total	2.441 GHz -90 Total	2.441 GHz -60 Total	2.441 GHz -30 Total	2.441 GHz 0 Total	2.441 GHz 30 Total	2.441 GHz 60 Total	2.441 GHz 90 Total	2.441 GHz 120 Total	2.441 GHz 150 Total
0	-94.5	-88.63	-94.53	-95.51	-93.54	-94.5	-95.24	-91.44	-91.02	-92.78	-96.46
30	-94.9	-95.09	-96.6	-93.71	-93.61	-94.18	-94.45	-91.22	-93.49	-90.37	-95.57
60	-96.68	-93.36	-90.65	-89.7	-93.85	-94	-92.52	-88.71	-90.26	-92.4	-93.72
90	-95.72	-83.18	-88.47	-93.1	-94.25	-93.95	-89.98	-87.44	-91.69	-90.39	-94.1
120	-93.28	-90.96	-90.38	-94.58	-94.77	-94.22	-91.06	-88.14	-90.89	-83.39	-95.19
150	-96.04	-92.74	-86.86	-93.98	-95.11	-94.58	-93.57	-93.19	-92.12	-91.51	-93.37
180	-96.46	-92.78	-91.02	-91.44	-95.24	-94.5	-93.54	-95.51	-94.53	-88.63	-94.5
210	-95.57	-90.37	-93.49	-91.22	-94.45	-94.18	-93.61	-93.71	-96.6	-95.09	-94.9
240	-93.72	-92.4	-90.26	-88.71	-92.52	-94	-93.85	-89.7	-90.65	-93.36	-96.68
270	-94.1	-90.39	-91.69	-87.44	-89.98	-93.95	-94.25	-93.1	-88.47	-83.18	-95.72
300	-95.19	-83.39	-90.89	-88.14	-91.06	-94.22	-94.77	-94.58	-90.38	-90.96	-93.28
330	-93.37	-91.51	-92.12	-93.19	-93.57	-94.58	-95.11	-93.98	-86.86	-92.74	-96.04

OTA active testing - full angle data:

2#

2480-TRP											
Azimuth s	2.48 GHz - 150 Total	2.48 GHz - 120 Total	2.48 GHz -90 Total	2.48 GHz -60 Total	2.48 GHz -30 Total	2.48 GHz 0 Total	2.48 GHz 30 Total	2.48 GHz 60 Total	2.48 GHz 90 Total	2.48 GHz 120 Total	2.48 GHz 150 Total
0	11.4	5.93	11.51	11	9.88	11.13	12.09	6.94	7.8	9.15	12.79
30	11.26	12.77	13.29	9.61	9.98	10.84	11.62	7.45	9.19	6.94	12
60	12.42	9.47	6.35	5.97	9.95	10.57	9.84	5.59	6.32	7.18	10.06
90	11.28	-2.5	4.94	8.98	10.58	10.66	6.94	3.69	7.87	6.73	9.44
120	9.49	7.25	7.22	10.55	11.31	10.88	9.41	4.81	7.78	-0.22	11.13
150	12.16	7.08	5.61	9.69	11.53	11.36	11.2	8.81	8.33	8.18	9.95
180	12.79	9.15	7.8	6.94	12.09	11.13	9.88	11	11.51	5.93	11.4
210	12	6.94	9.19	7.45	11.62	10.84	9.98	9.61	13.29	12.77	11.26
240	10.06	7.18	6.32	5.59	9.84	10.57	9.95	5.97	6.35	9.47	12.42
270	9.44	6.73	7.87	3.69	6.94	10.66	10.58	8.98	4.94	-2.5	11.28
300	11.13	-0.22	7.78	4.81	9.41	10.88	11.31	10.55	7.22	7.25	9.49
330	9.95	8.18	8.33	8.81	11.2	11.36	11.53	9.69	5.61	7.08	12.16

2480-TIS											
Azimuth s	2.48 GHz - 150 Total	2.48 GHz - 120 Total	2.48 GHz -90 Total	2.48 GHz -60 Total	2.48 GHz -30 Total	2.48 GHz 0 Total	2.48 GHz 30 Total	2.48 GHz 60 Total	2.48 GHz 90 Total	2.48 GHz 120 Total	2.48 GHz 150 Total
0	-94.16	-88.69	-94.27	-93.76	-92.63	-93.88	-94.84	-89.69	-90.56	-91.91	-95.54
30	-94.02	-95.53	-96.04	-92.36	-92.73	-93.6	-94.38	-90.21	-91.94	-89.7	-94.76
60	-95.18	-92.23	-89.1	-88.72	-92.7	-93.32	-92.6	-88.35	-89.07	-89.93	-92.81
90	-94.03	-80.26	-87.7	-91.74	-93.33	-93.42	-89.69	-86.45	-90.62	-89.49	-92.2
120	-92.24	-90.01	-89.98	-93.31	-94.07	-93.64	-92.17	-87.57	-90.54	-82.54	-93.88
150	-94.92	-89.83	-88.36	-92.44	-94.28	-94.11	-93.95	-91.57	-91.09	-90.93	-92.7
180	-95.54	-91.91	-90.56	-89.69	-94.84	-93.88	-92.63	-93.76	-94.27	-88.69	-94.16
210	-94.76	-89.7	-91.94	-90.21	-94.38	-93.6	-92.73	-92.36	-96.04	-95.53	-94.02
240	-92.81	-89.93	-89.07	-88.35	-92.6	-93.32	-92.7	-88.72	-89.1	-92.23	-95.18
270	-92.2	-89.49	-90.62	-86.45	-89.69	-93.42	-93.33	-91.74	-87.7	-80.26	-94.03
300	-93.88	-82.54	-90.54	-87.57	-92.17	-93.64	-94.07	-93.31	-89.98	-90.01	-92.24
330	-92.7	-90.93	-91.09	-91.57	-93.95	-94.11	-94.28	-92.44	-88.36	-89.83	-94.92