

phi=0
phi=90
theta=90

Antenna Test Report (WLAN OTA)

Antenna
Model:

Date:

04-10-2023

Design
Revision:

Comments:

Tester:

Approved
By:

Type: Integral, Gain: 3.02dBm, Size:14.8mm*6mm

WLAN Antenna Performance Table

TD-SCDMA Whole Band TRP (dBm)

17.44

TD-SCDMA Whole Band TIS (dBm)

-82.75

[illegible]

WLAN Antenna Performance Table (Bak)

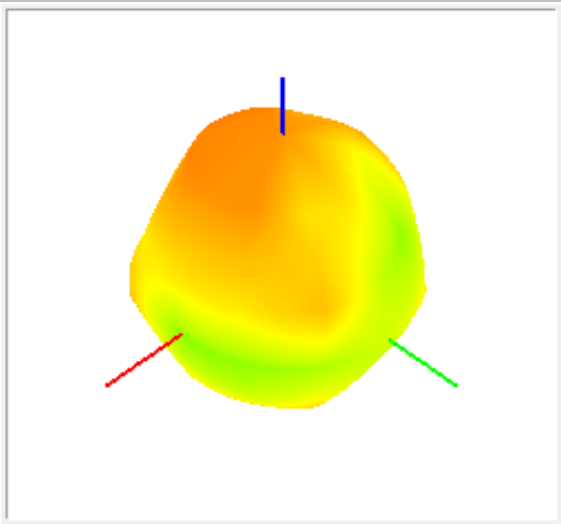
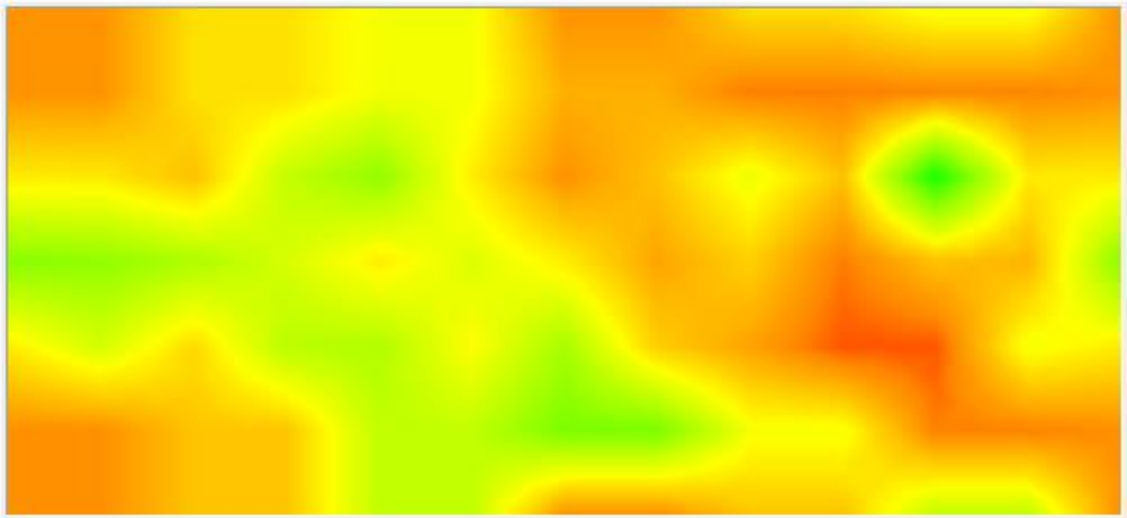
TD-SCDMA Whole Band TRP (dBm)

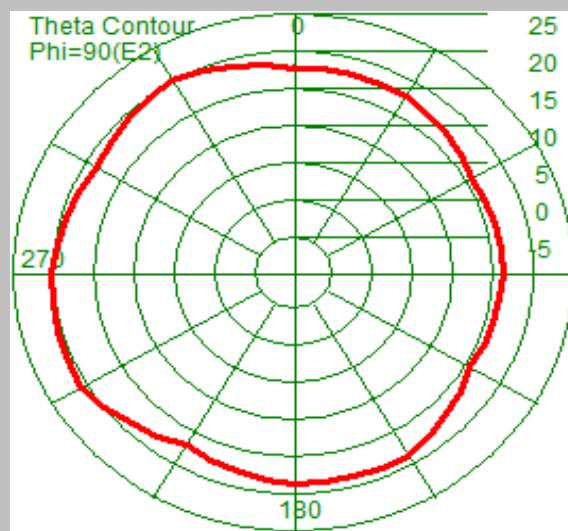
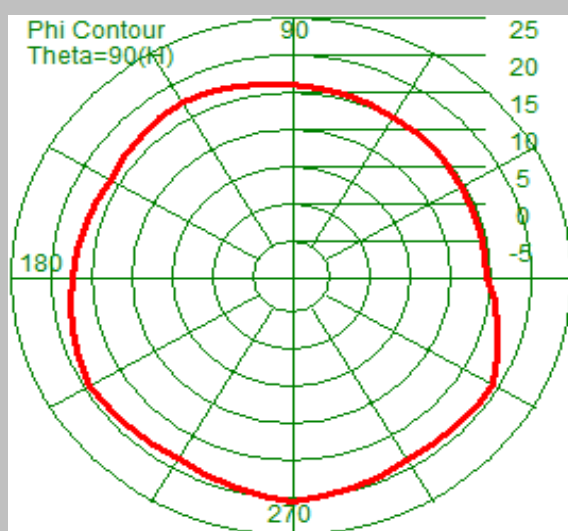
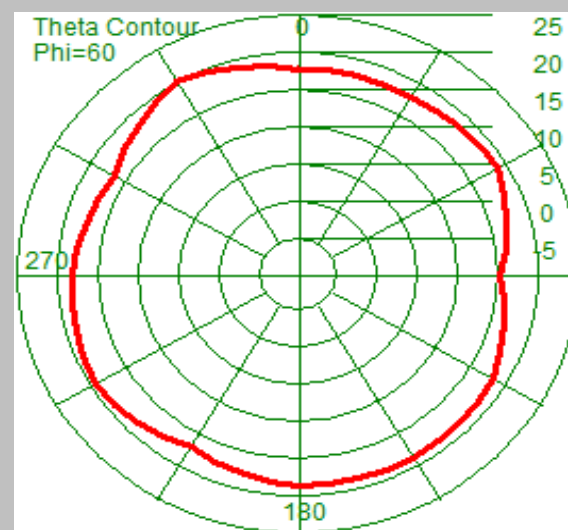
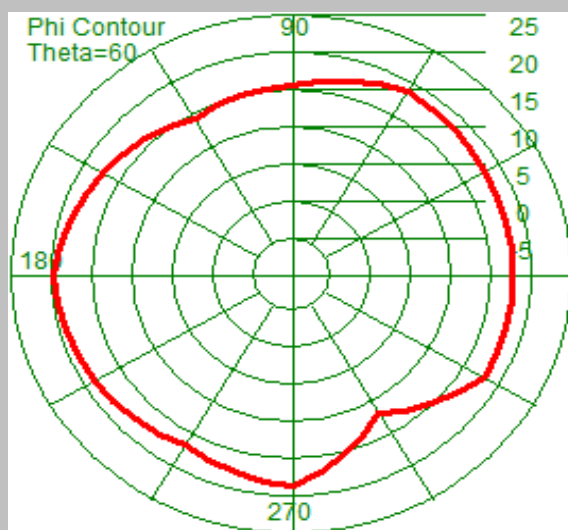
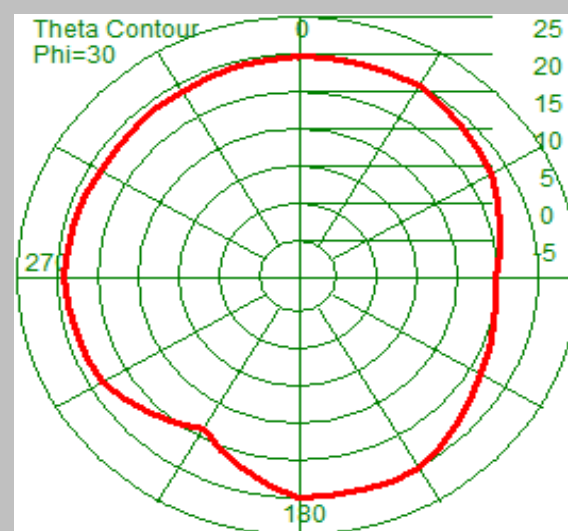
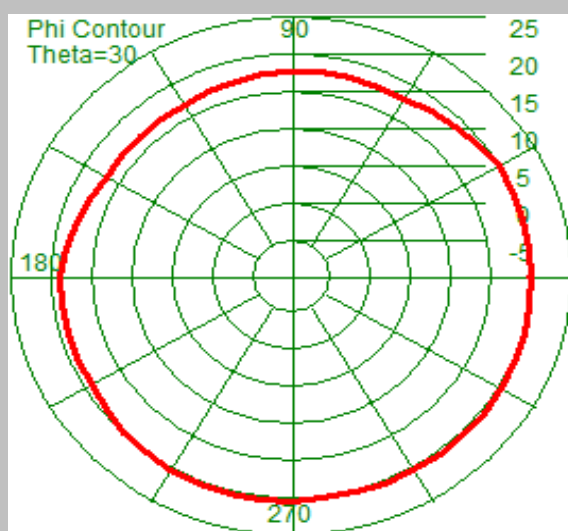
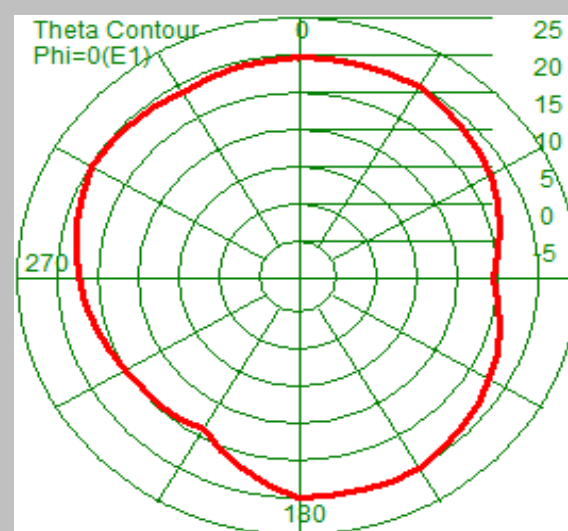
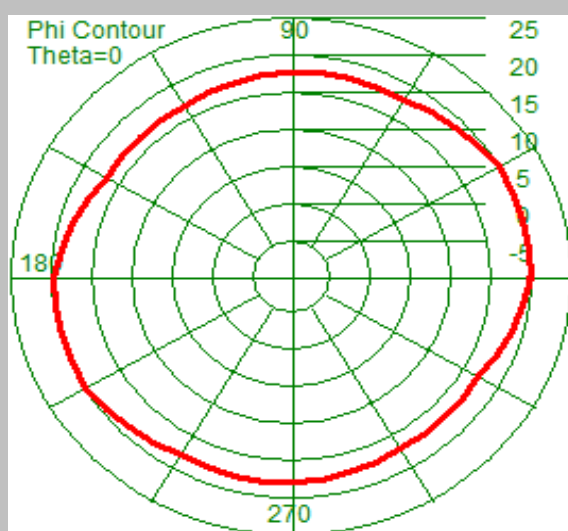
TD-SCDMA Whole Band TIS (dBm)

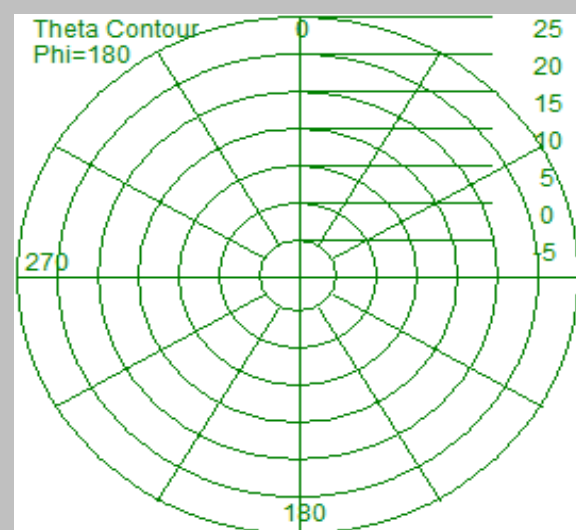
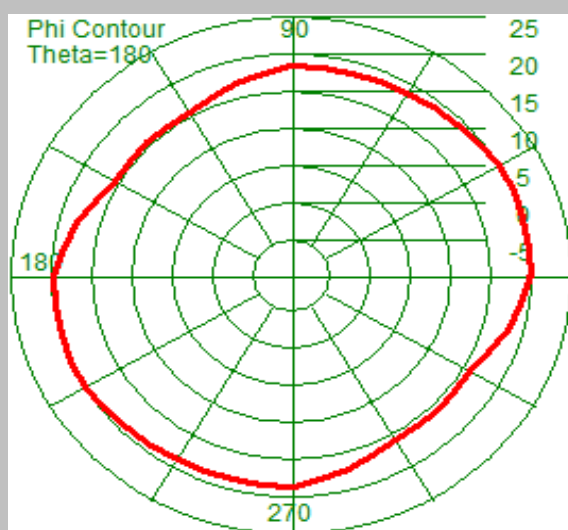
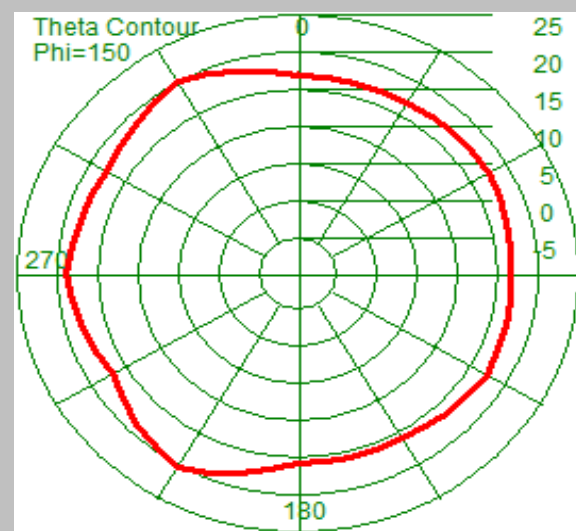
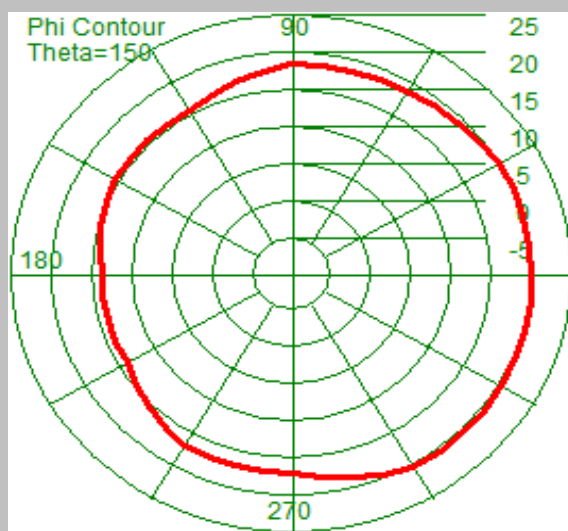
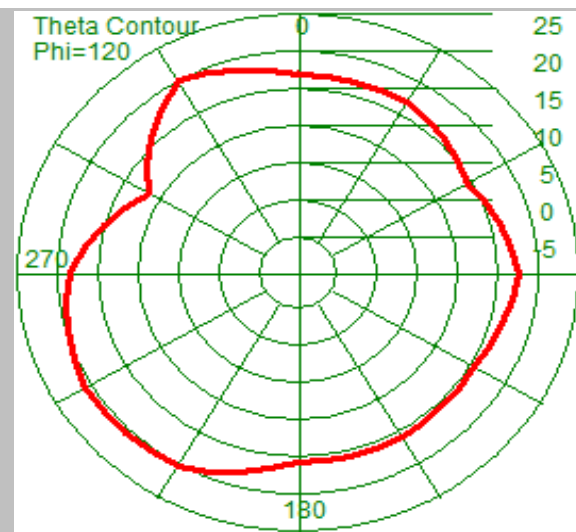
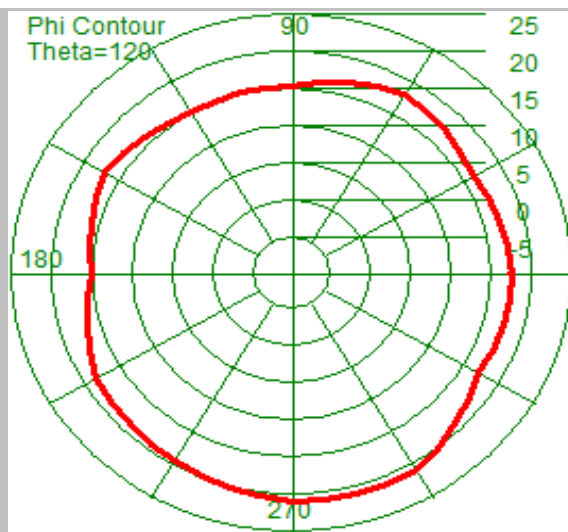
[illegible]

WLAN, Channel 1, TRP

		0	30	60	90	120	150	180	210	240	270	300	330	360
H+V Total (30° Step)	0	19.70	19.70	17.73	17.73	16.75	16.75	--	--	--	--	--	--	--
	30	19.70	19.70	17.73	17.73	16.75	16.75	18.96	18.96	20.13	20.13	20.00	20.00	--
	60	17.46	17.53	18.53	15.57	14.29	17.37	19.71	18.50	16.51	18.52	11.63	17.49	--
	90	14.14	14.31	15.01	15.98	17.37	16.20	17.37	19.22	18.13	20.14	18.52	18.84	--
	120	17.44	15.97	17.87	15.30	15.06	16.97	14.84	18.17	19.27	20.74	20.72	16.75	--
	150	19.77	19.77	18.43	18.43	15.48	15.48	13.75	13.75	16.79	16.79	20.07	20.07	--
	180	19.77	19.77	18.43	18.43	15.48	15.48	--	--	--	--	--	--	--
		0	30	60	90	120	150	180	210	240	270	300	330	360
H (30° Step)	0	9.33	9.33	16.07	16.07	15.32	15.32	--	--	--	--	--	--	--
	30	9.33	9.33	16.07	16.07	15.32	15.32	12.73	12.73	8.01	8.01	19.80	19.80	--
	60	11.29	14.21	5.52	11.31	13.58	11.02	11.23	12.88	7.00	1.93	10.66	10.32	--
	90	5.51	2.44	6.36	13.28	14.68	12.64	10.14	16.75	16.96	16.91	18.32	15.95	--
	120	14.51	6.66	12.41	9.65	7.96	11.37	10.34	16.41	18.51	20.30	19.81	9.25	--
	150	17.33	17.33	16.03	16.03	10.47	10.47	6.18	6.18	16.51	16.51	17.30	17.30	--
	180	17.33	17.33	16.03	16.03	10.47	10.47	--	--	--	--	--	--	--
		0	30	60	90	120	150	180	210	240	270	300	330	360
V (30° Step)	0	19.28	19.28	12.76	12.76	11.23	11.23	--	--	--	--	--	--	--
	30	19.28	19.28	12.76	12.76	11.23	11.23	17.78	17.78	19.86	19.86	6.56	6.56	--
	60	16.26	14.80	18.31	13.53	6.10	16.22	19.05	17.11	16.00	18.42	4.64	16.57	--
	90	13.50	14.02	14.37	12.63	14.02	13.67	16.46	15.59	11.86	17.33	5.16	15.70	--
	120	14.34	15.43	16.42	13.92	14.12	15.57	12.93	13.41	11.35	10.53	13.48	15.90	--
	150	16.11	16.11	14.70	14.70	13.84	13.84	12.91	12.91	4.77	4.77	16.80	16.80	--
	180	16.11	16.11	14.70	14.70	13.84	13.84	--	--	--	--	--	--	--

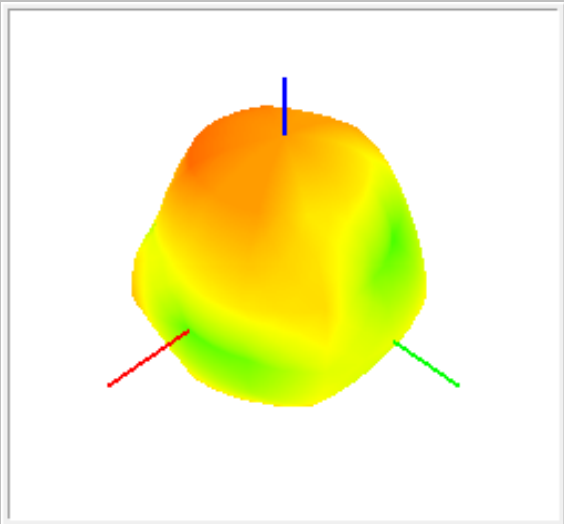
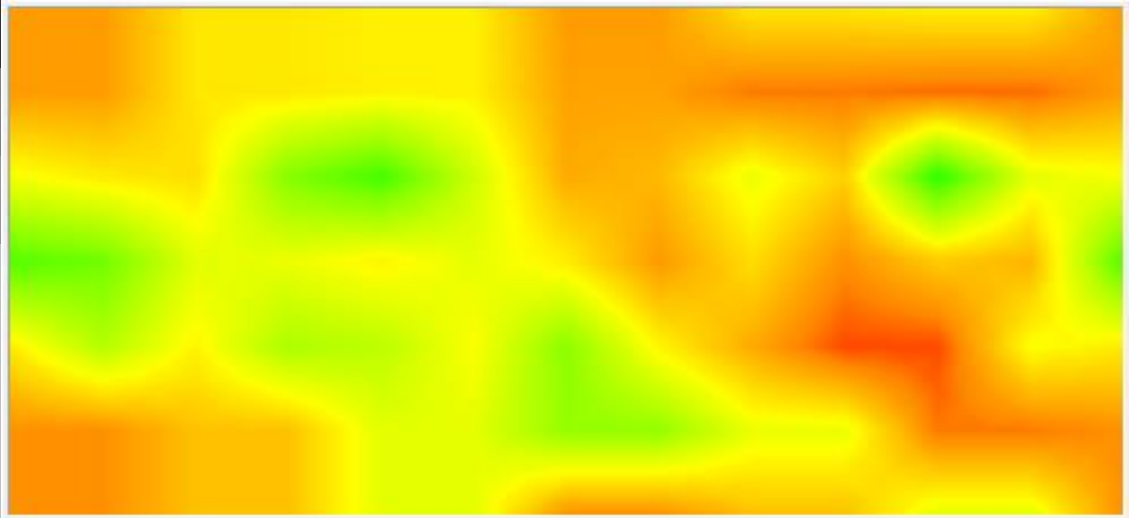


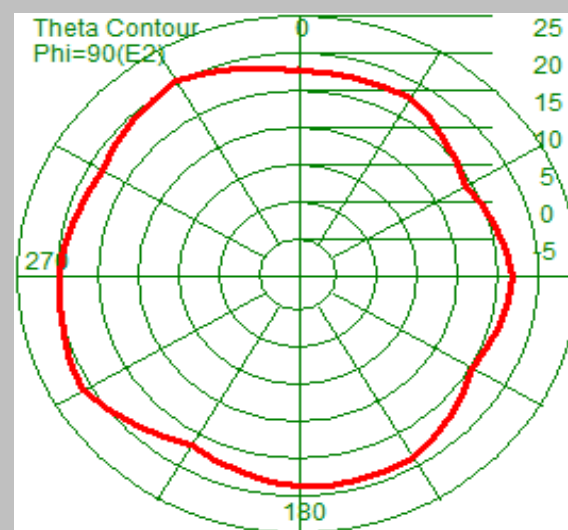
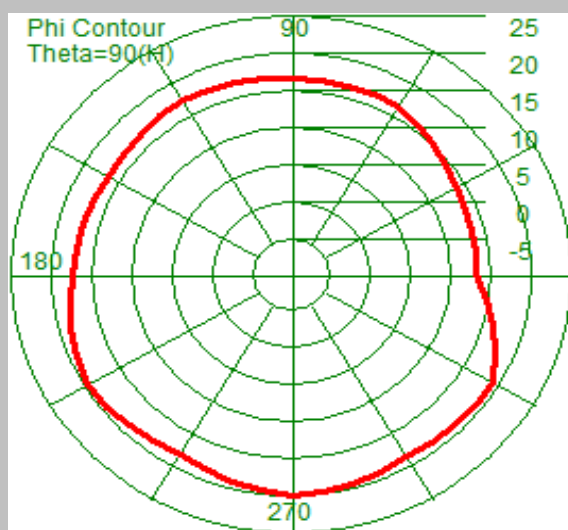
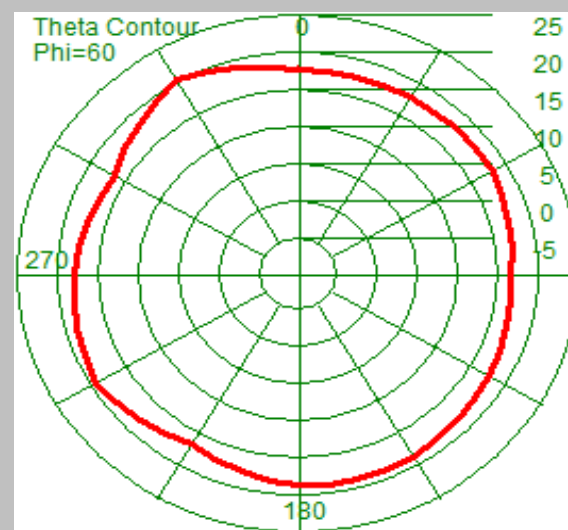
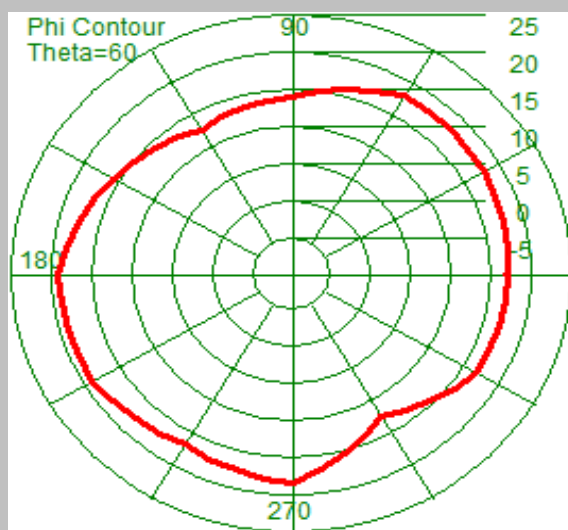
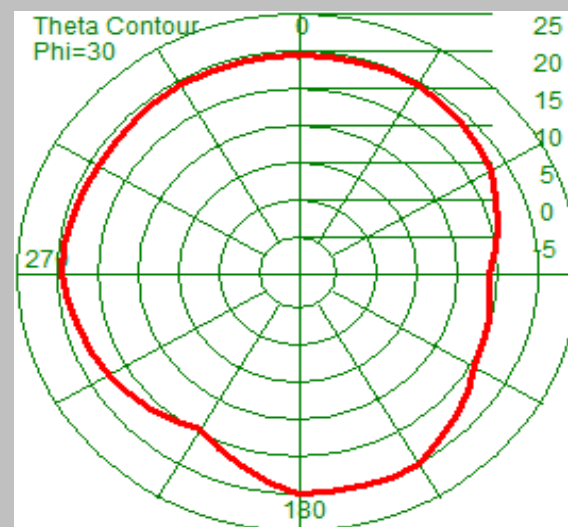
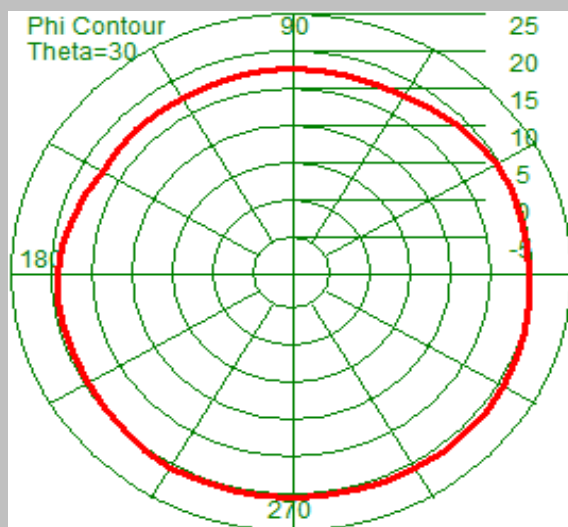
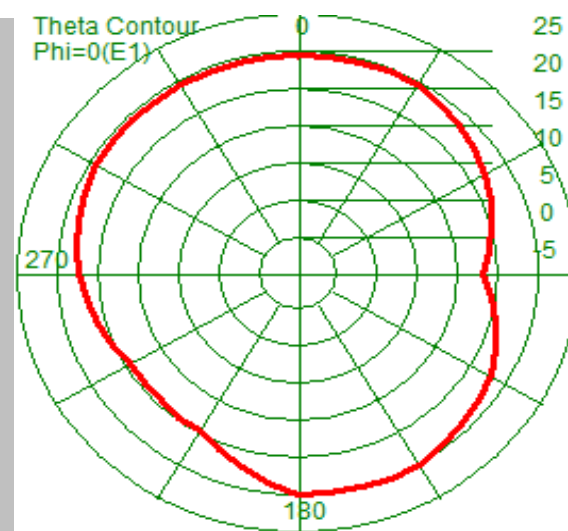
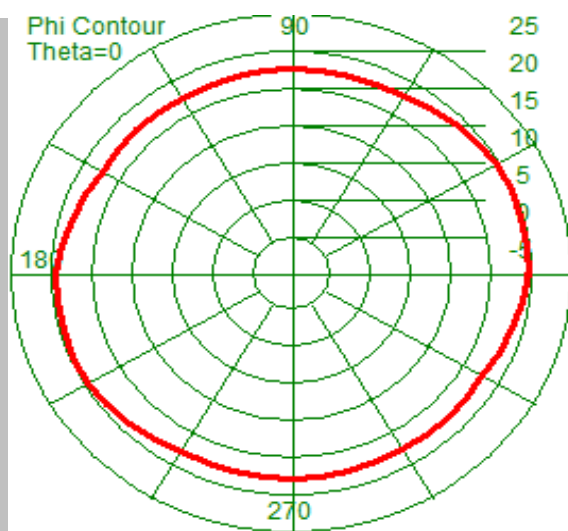


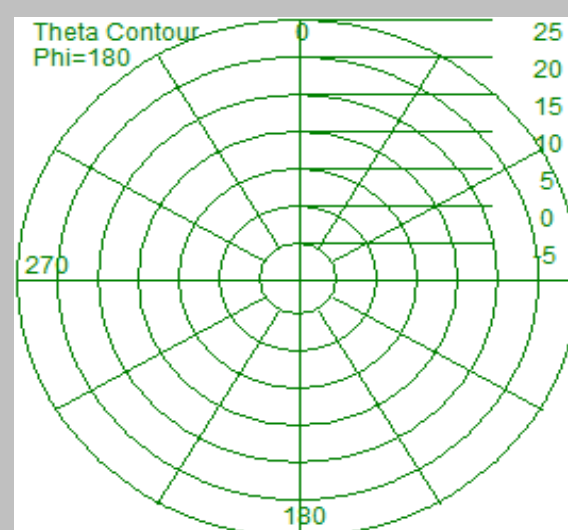
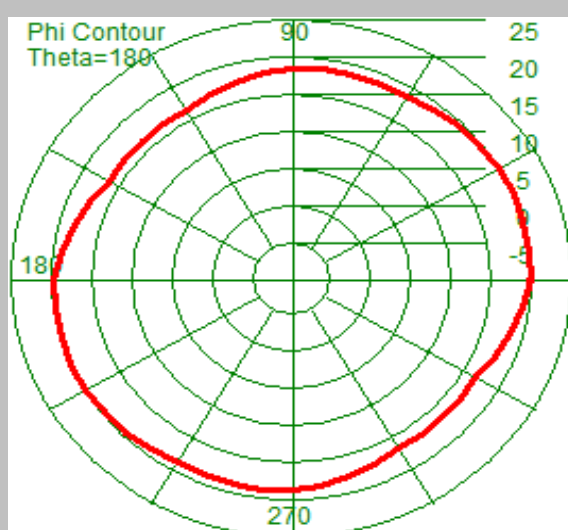
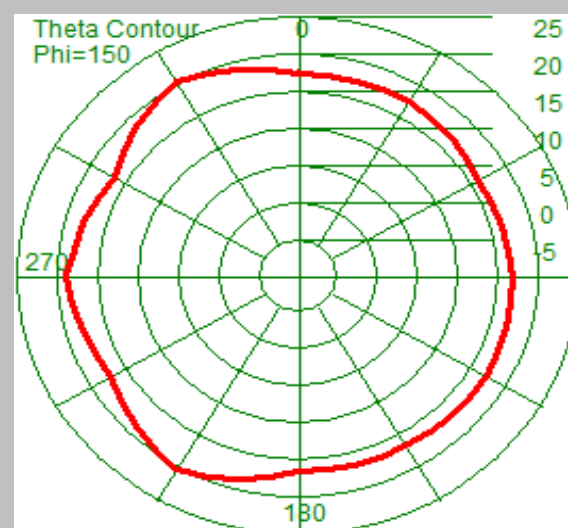
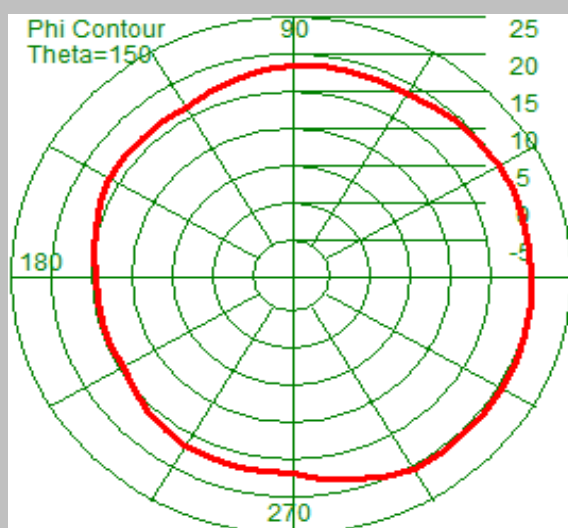
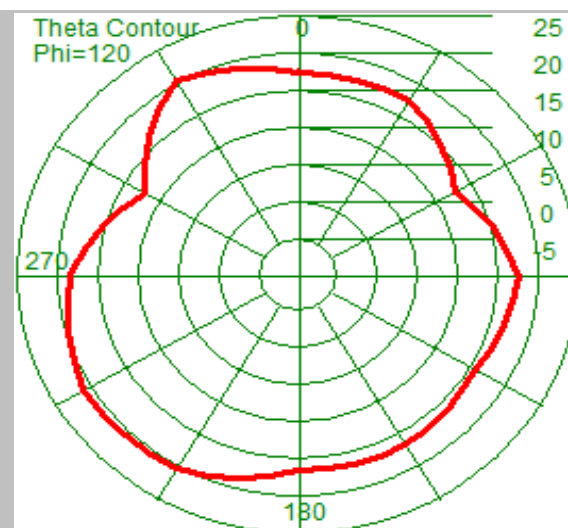
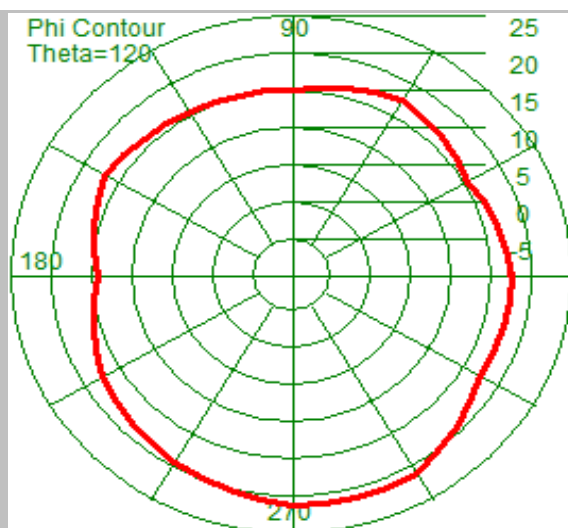


WLAN, Channel 6, TRP

		0	30	60	90	120	150	180	210	240	270	300	330	360
H+V Total (30° Step)	0	19.48	19.48	17.57	17.57	17.33	17.33	--	--	--	--	--	--	--
	30	19.48	19.48	17.57	17.57	17.33	17.33	19.31	19.31	20.20	20.20	20.41	20.41	--
	60	16.82	17.48	17.82	13.98	12.54	15.78	19.10	18.72	16.53	18.15	12.06	16.44	--
	90	12.94	13.53	16.29	16.52	17.24	16.42	17.39	19.52	17.81	19.76	18.29	18.84	--
	120	17.47	15.17	17.23	14.95	15.34	16.92	14.16	17.23	19.10	20.91	20.90	16.95	--
	150	19.76	19.76	18.53	18.53	16.35	16.35	14.38	14.38	16.54	16.54	20.19	20.19	--
	180	19.76	19.76	18.53	18.53	16.35	16.35	--	--	--	--	--	--	--
		0	30	60	90	120	150	180	210	240	270	300	330	360
H (30° Step)	0	9.29	9.29	15.46	15.46	15.92	15.92	--	--	--	--	--	--	--
	30	9.29	9.29	15.46	15.46	15.92	15.92	11.82	11.82	7.49	7.49	20.34	20.34	--
	60	11.41	14.05	6.53	10.27	12.03	9.23	10.06	12.40	7.28	2.74	10.98	9.24	--
	90	5.46	-0.35	7.73	13.80	14.58	12.15	9.34	16.50	16.98	16.70	18.09	16.05	--
	120	13.39	5.60	12.64	9.92	9.18	12.05	10.67	15.26	18.32	20.51	19.97	10.50	--
	150	16.97	16.97	15.97	15.97	12.36	12.36	5.03	5.03	16.26	16.26	17.62	17.62	--
	180	16.97	16.97	15.97	15.97	12.36	12.36	--	--	--	--	--	--	--
		0	30	60	90	120	150	180	210	240	270	300	330	360
V (30° Step)	0	19.04	19.04	13.42	13.42	11.75	11.75	--	--	--	--	--	--	--
	30	19.04	19.04	13.42	13.42	11.75	11.75	18.46	18.46	19.96	19.96	2.41	2.41	--
	60	15.35	14.85	17.48	11.57	2.97	14.69	18.52	17.56	15.98	18.02	5.50	15.52	--
	90	12.09	13.35	15.64	13.19	13.85	14.38	16.65	16.51	10.24	16.80	4.72	15.59	--
	120	15.32	14.66	15.38	13.32	14.13	15.21	11.58	12.84	11.23	10.33	13.76	15.83	--
	150	16.52	16.52	15.01	15.01	14.14	14.14	13.84	13.84	4.42	4.42	16.69	16.69	--
	180	16.52	16.52	15.01	15.01	14.14	14.14	--	--	--	--	--	--	--







WLAN, Channel 11, TRP

		0	30	60	90	120	150	180	210	240	270	300	330	360
H+V Total (30° Step)	0	19.24	19.24	17.29	17.29	16.90	16.90	--	--	--	--	--	--	--
	30	19.24	19.24	17.29	17.29	16.90	16.90	18.63	18.63	19.66	19.66	20.18	20.18	--
	60	15.99	16.76	16.20	11.82	12.48	14.62	17.50	17.89	16.55	17.27	10.73	15.08	--
	90	12.17	13.35	16.13	15.57	16.08	15.61	16.34	18.64	16.93	18.67	17.15	17.78	--
	120	16.51	13.30	16.77	14.48	14.99	16.58	13.68	15.64	17.76	20.26	20.55	16.27	--
	150	18.93	18.93	17.77	17.77	15.30	15.30	13.43	13.43	15.47	15.47	19.48	19.48	--
	180	18.93	18.93	17.77	17.77	15.30	15.30	--	--	--	--	--	--	--
		0	30	60	90	120	150	180	210	240	270	300	330	360
H (30° Step)	0	10.20	10.20	14.97	14.97	15.60	15.60	--	--	--	--	--	--	--
	30	10.20	10.20	14.97	14.97	15.60	15.60	10.84	10.84	6.92	6.92	20.08	20.08	--
	60	10.87	13.70	5.84	8.70	11.61	8.22	8.62	11.80	8.76	0.07	9.78	7.30	--
	90	5.16	-2.14	7.53	13.33	13.70	11.37	7.79	15.01	16.13	15.78	16.93	14.94	--
	120	11.55	7.02	12.38	9.31	9.51	11.89	11.63	14.17	16.99	19.86	19.54	10.00	--
	150	15.99	15.99	15.05	15.05	11.60	11.60	6.89	6.89	15.24	15.24	16.57	16.57	--
	180	15.99	15.99	15.05	15.05	11.60	11.60	--	--	--	--	--	--	--
		0	30	60	90	120	150	180	210	240	270	300	330	360
V (30° Step)	0	18.66	18.66	13.46	13.46	11.02	11.02	--	--	--	--	--	--	--
	30	18.66	18.66	13.46	13.46	11.02	11.02	17.84	17.84	19.42	19.42	3.55	3.55	--
	60	14.39	13.79	15.78	8.91	5.08	13.49	16.90	16.67	15.76	17.19	3.66	14.29	--
	90	11.21	13.23	15.49	11.63	12.33	13.55	15.69	16.17	9.20	15.53	4.11	14.59	--
	120	14.84	12.14	14.81	12.91	13.55	14.78	9.43	10.23	9.88	9.66	13.73	15.10	--
	150	15.85	15.85	14.45	14.45	12.89	12.89	12.34	12.34	2.67	2.67	16.36	16.36	--
	180	15.85	15.85	14.45	14.45	12.89	12.89	--	--	--	--	--	--	--

