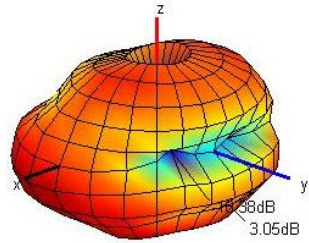
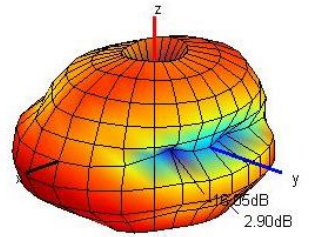


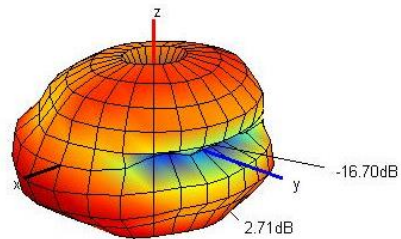
MT-100C: Internal On-Board Antenna Radiation Pattern



2.4GHz



2.44GHz



2.48GHz

	1	2	3	4	5	6	7	8	9	10	11
Frequency [MHz]	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency [dB]	-1.54	-1.55	-1.54	-1.50	-1.52	-1.40	-1.44	-1.33	-1.52	-1.54	-1.55
Efficiency [%]	70.1	70.0	70.1	70.7	70.4	72.4	71.8	73.6	70.4	70.2	70.0
TRG _g [dB]	-3.47	-3.47	-3.44	-3.36	-3.31	-3.18	-3.14	-3.03	-3.10	-3.10	-3.12
Gain _{g Peak} [dB]	1.83	1.73	1.70	1.73	1.74	1.82	1.84	1.95	1.88	1.84	1.73
Gain _{g Min} [dB]	-24.10	-25.52	-26.69	-26.40	-23.89	-21.52	-21.61	-25.43	-29.74	-26.77	-24.05
TRG _g [dB]	-6.00	-6.01	-6.06	-6.10	-6.25	-6.14	-6.33	-6.24	-6.70	-6.74	-6.72
Gain _{g Peak} [dB]	-0.22	-0.44	-0.67	-0.88	-1.15	-1.10	-1.32	-1.18	-1.55	-1.46	-1.34
Gain _{g Min} [dB]	-33.45	-31.11	-28.83	-27.65	-27.05	-25.37	-24.30	-23.29	-23.00	-22.96	-23.18
UHRG [dB]	-6.92	-6.83	-6.74	-6.63	-6.61	-6.39	-6.35	-6.16	-6.33	-6.28	-6.25
UHRG/TRG [%]	29.0	29.6	30.2	30.7	31.0	31.7	32.2	32.9	33.1	33.5	33.9
H-Plane	-6.07	-6.11	-6.10	-6.01	-5.89	-5.67	-5.51	-5.31	-5.35	-5.35	-5.38
E1-Plane, AVG [dB]	-5.31	-5.24	-5.16	-5.06	-5.00	-4.92	-4.91	-4.87	-4.99	-5.05	-5.12
E2-Plane, AVG [dB]	-2.88	-2.91	-2.91	-2.87	-2.85	-2.75	-2.73	-2.63	-2.70	-2.70	-2.74
Peak Gain [dB]	2.57	2.37	2.36	2.38	2.36	2.49	2.45	2.57	2.41	2.42	2.41
Directivity [dB]	4.11	3.92	3.90	3.88	3.89	3.89	3.89	3.90	3.94	3.95	3.96
Minimum Gain [dB]	-19.37	-18.39	-17.58	-16.80	-16.44	-15.94	-15.86	-15.79	-16.25	-16.52	-16.57
Test Condition	FS										
Antenna Type											
Average Efficiency	-1.49 dB		70.89 %								

Note:

The on-board antenna built into MT-100C is designed as a PIFA type.