

GTT Outdoor IP-67 OMNI Antenna For LTE Wide Band

690~960 / 1710~2170 / 2300~2690MHz

GTT P/N:OA-LTEWB-035-C0-UB



✓ RF Specification

• Frequency Range:	690~960 / 1710~2170 / 2300~2690 MHz
• Polarization:	Linear, Vertical
• HPBW / Horizontal:	360°
• HPBW / Vertical:	90 °
• Peak Gain:	-1.8~3.5dBi
• Efficiency:	33% / 54% / 42% Min.
• VSWR:	4.0 Max.:1
• Power Handling:	2W(cw)
• Impedance:	50 Ohms
• Connector:	N Plug

✓ Environmental & Mechanical Characteristics

- Temperature: -40°C to +70°C
- Humidity: 95% @55°C
- Antenna Housing Color: White
- Antenna Housing Material: ASA
- Weight : 60.5 gw
- Dimensions: 178.0(L)x22.0(W)mm

Performance Summary

Passive Measurement: VSWR, Gain , Efficiency

Frequency(MHz)	690~960	1710~2170	2300~2690
VSWR	4.0 Max. : 1		

SUMMARY

Gain Table

Frequency (MHz)	3D		
	Efficiency	Avg. Gain	Peak Gain
698	45%	-3.5	-1.5
710	47%	-3.3	-0.8
734	56%	-2.5	0.0
751	62%	-2.1	0.0
768	64%	-2.0	-0.3
777	71%	-1.5	1.4
787	71%	-1.5	1.4
798	67%	-1.8	0.5
824	59%	-2.3	0.0
849	56%	-2.5	-0.5
869	49%	-3.1	-0.9
894	44%	-3.5	-1.0
925	38%	-4.2	-1.7
960	33%	-4.8	-1.8
1710	52%	-2.9	0.6
1805	70%	-1.6	2.1
1880	70%	-1.5	1.8
1920	70%	-1.6	1.8
2110	67%	-1.7	2.5
2170	67%	-1.7	3.1
2300	56%	-2.5	1.6
2350	48%	-3.2	0.6
2400	46%	-3.4	1.2
2500	51%	-2.9	2.4
2595	55%	-2.6	2.4
2690	59%	-2.3	2.2

Performance Summary

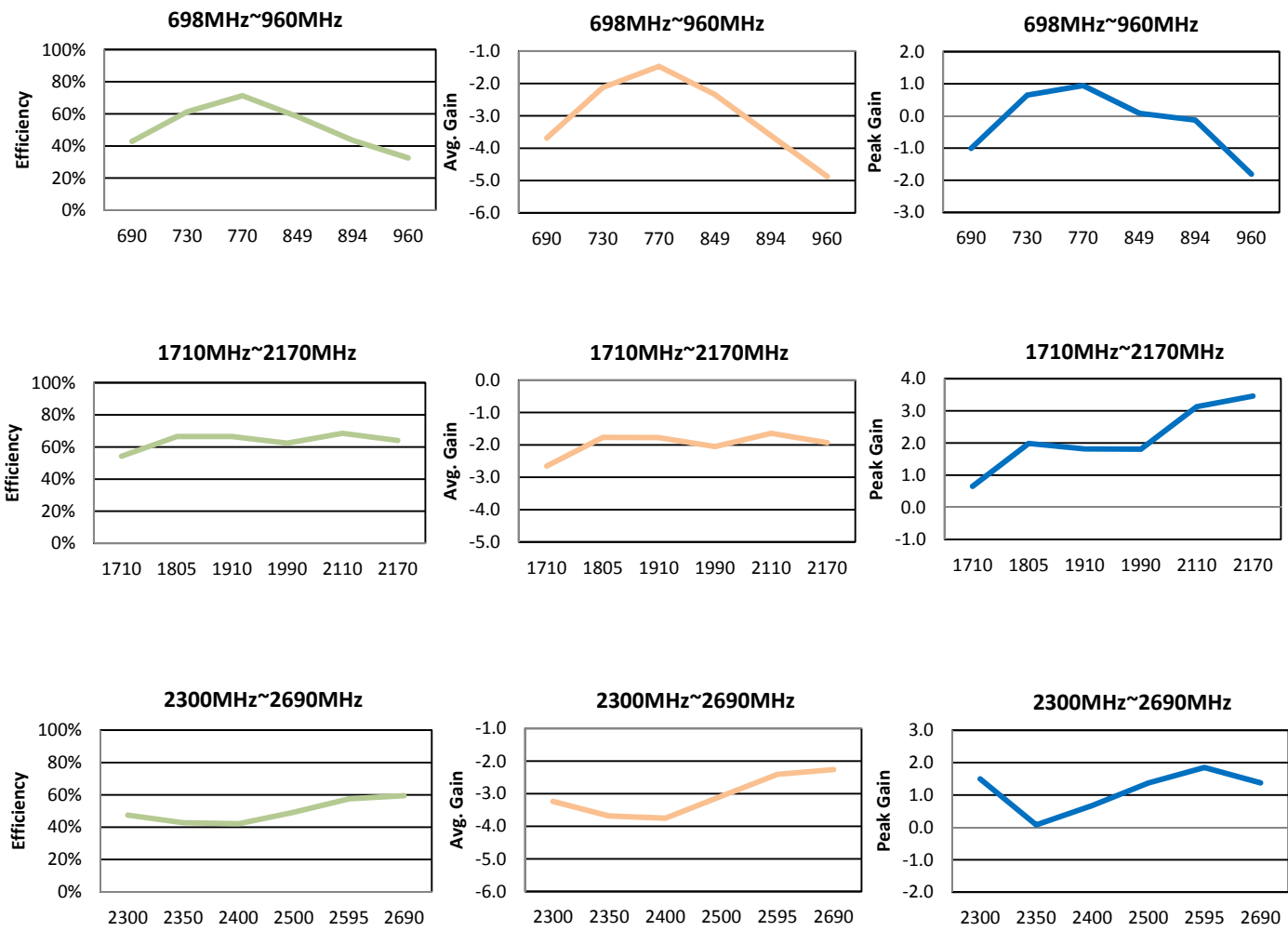
Passive Measurement: VSWR, Gain , Efficiency

SUMMARY

EFFICIENCY

Avg. Gain

Peak Gain



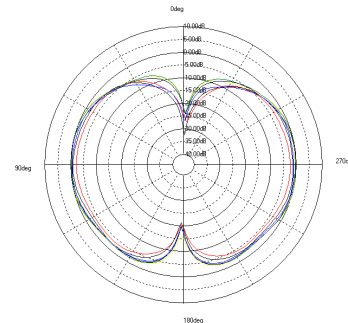
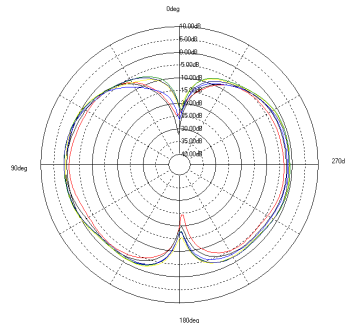
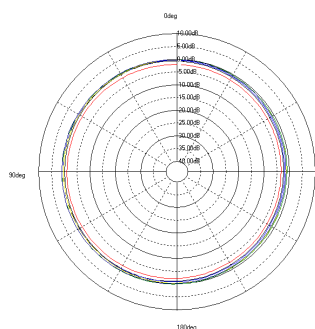
✓ Radiation Pattern

XY-plane

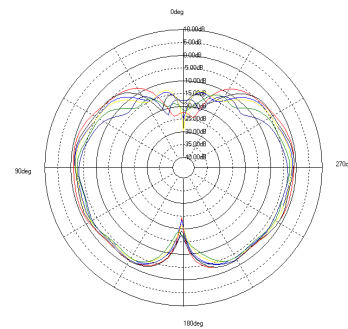
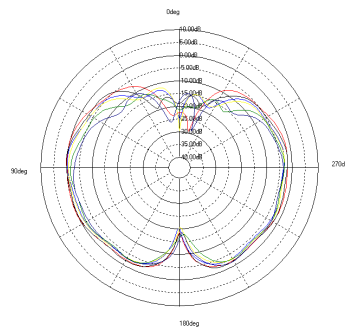
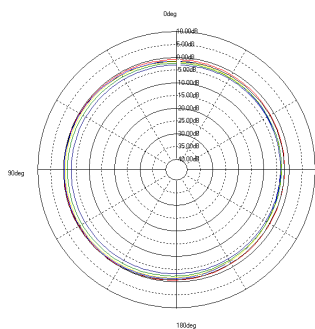
YZ-plane

ZX-plane

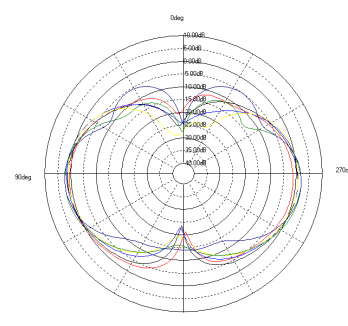
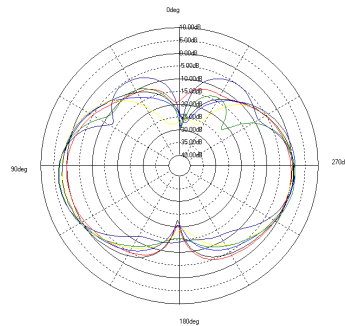
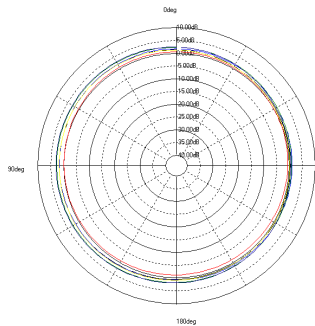
— 690.00(MHz)
— 710.00(MHz)
— 730.00(MHz)
— 750.00(MHz)
— 770.00(MHz)
— 790.00(MHz)



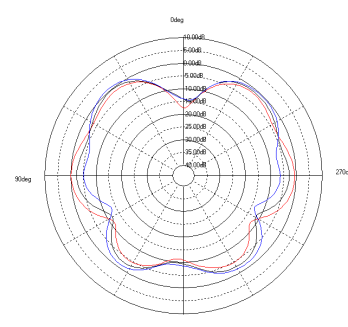
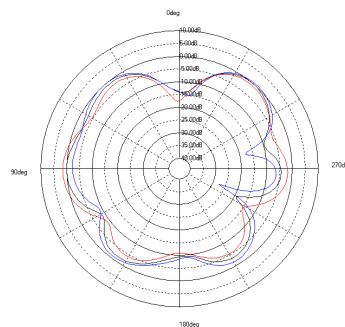
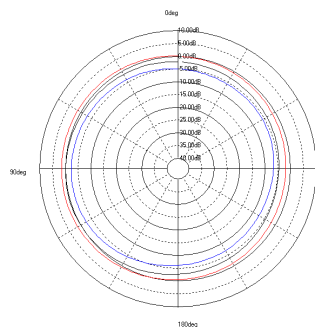
— 824.00(MHz)
— 849.00(MHz)
— 869.00(MHz)
— 894.00(MHz)
— 925.00(MHz)
— 960.00(MHz)



— 1710.00(MHz)
— 1805.00(MHz)
— 1910.00(MHz)
— 1990.00(MHz)
— 2110.00(MHz)
— 2170.00(MHz)



— 2300.00(MHz)
— 2350.00(MHz)
— 2400.00(MHz)



— 2500.00(MHz)
— 2595.00(MHz)
— 2690.00(MHz)

