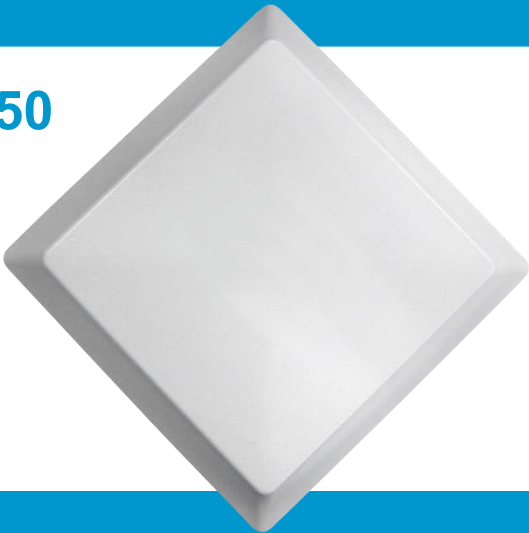


GTT P/N: 103BG00000050



RF Specification

Port	Port1
Frequency Range	862MHz~928MHz
Polarization	90 deg
Horizontal / Vertical	56°-60° / 78°-90°
Peak Gain	7.8 dBi typ.
VSWR	2.5 max.:1
Power Handling	2W(cw)
Impedance	50 Ohms



Environmental & Mechanical Characteristics

- **Temperature:** -30°C to +70°C
- **Humidity:** 95% @55°C
- **Weight:** 920g
- **Antenna Housing Material:** PC
- **Dimensions:** 270(L)x270(W)x59(T)mmmm
- **Connector** N-Jack

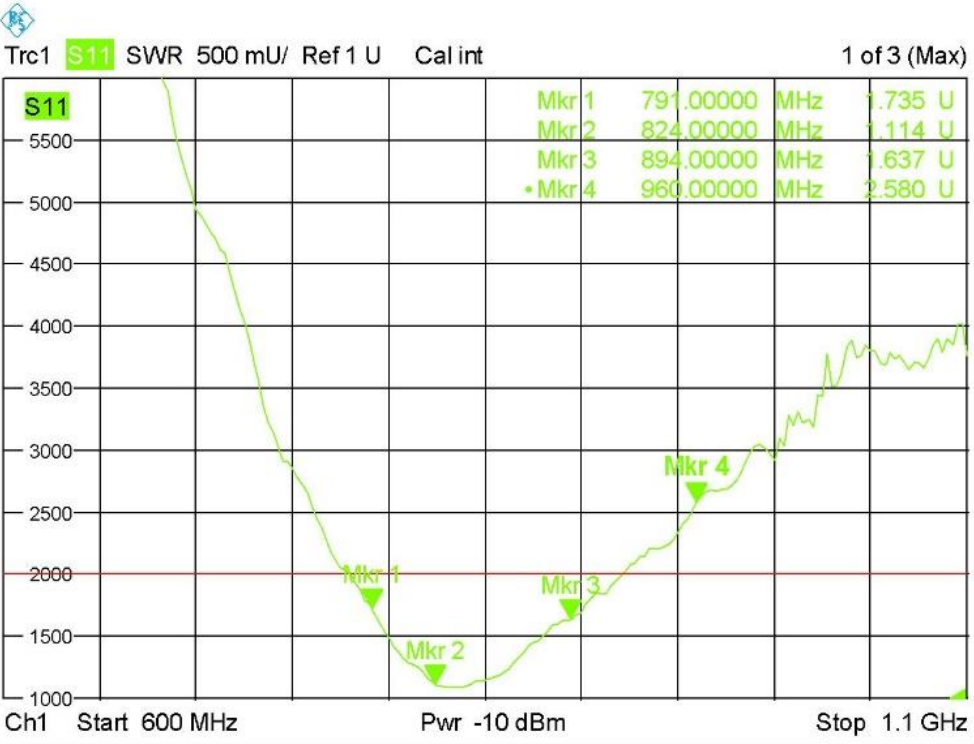
All rights reserved by GTT under NDA agreements

2

VSWR

Frequency(MHz)	862~870MHz / 902~928MHz
VSWR	2.0 max.:1

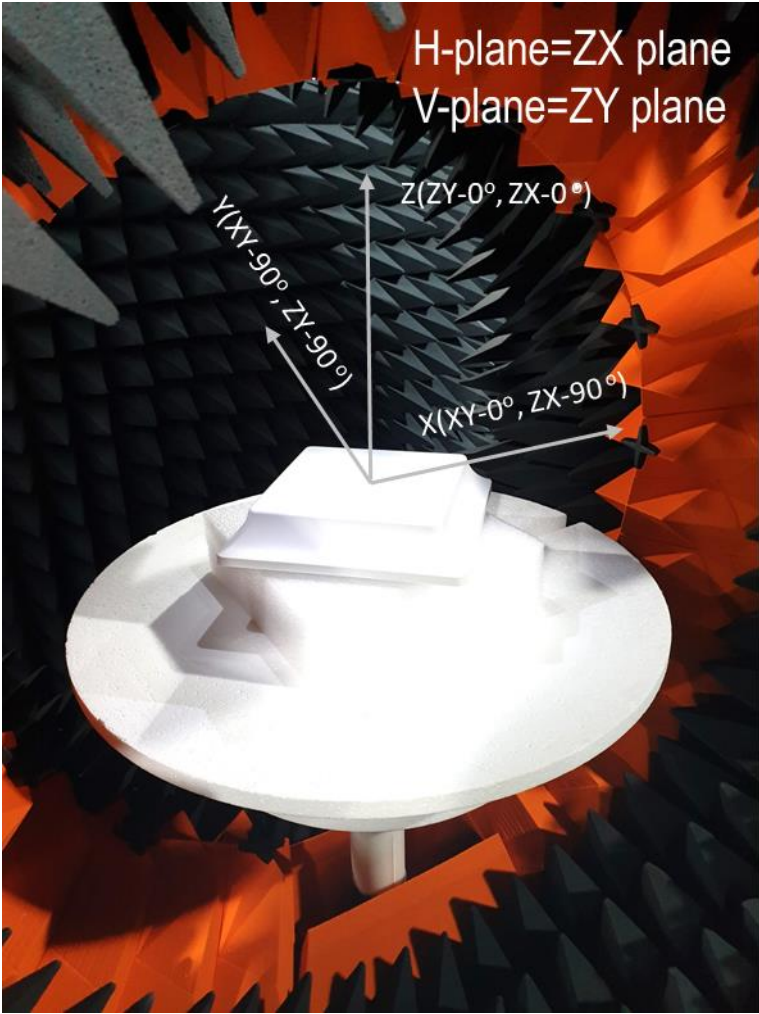
Port1



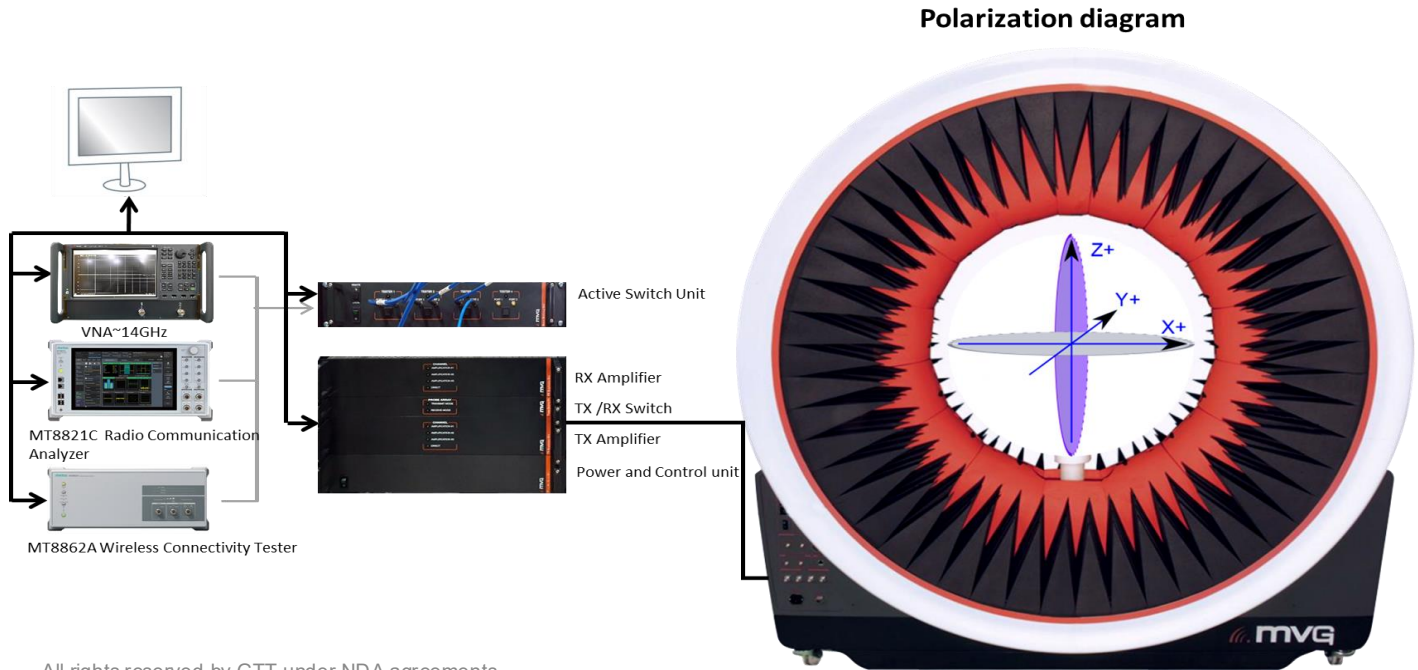
Gain Table

Port1 (90deg)

Frequency (MHz)	3D			HPBW	
	Efficiency	Avg. Gain	Peak Gain	H-plane	V-plane
863	81%	-0.9	7.8	60	78
868	80%	-1.0	7.7	60	78
870	80%	-0.9	7.7	60	79
902	74%	-1.3	7.2	57	83
915	71%	-1.5	7.0	56	85
928	67%	-1.8	6.5	56	90



3D OTA Chamber-SATIMO Starlab® 2019



All rights reserved by GTT under NDA agreements

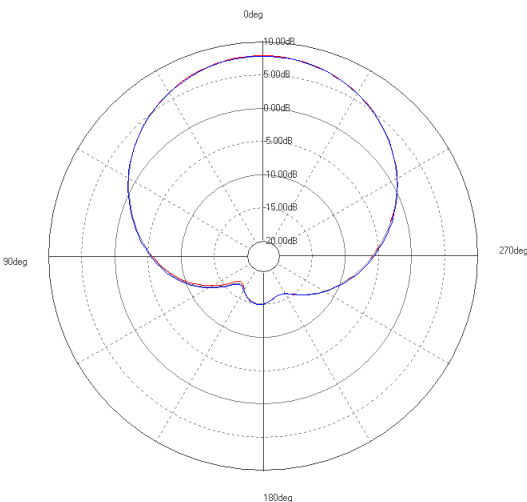
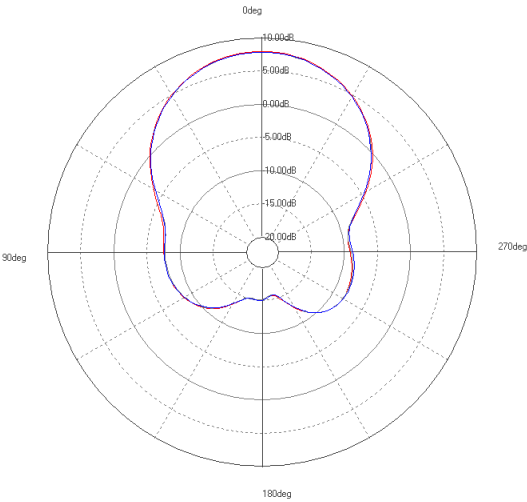
Port1 (90deg)

H-plane

V-plane

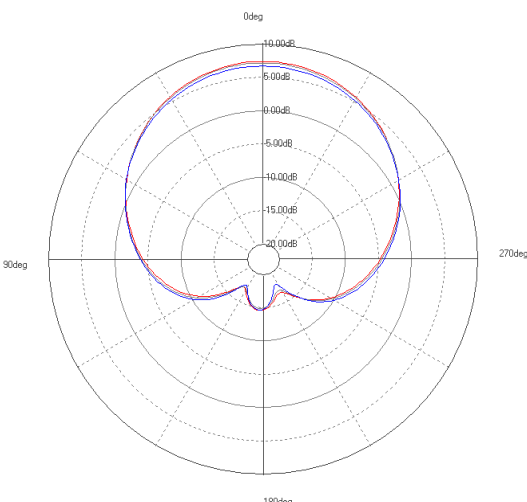
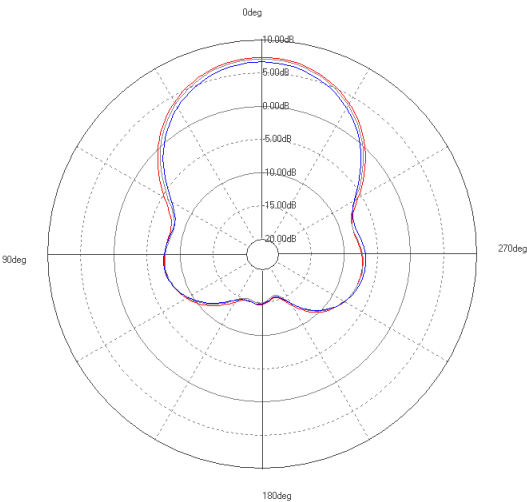
Legend

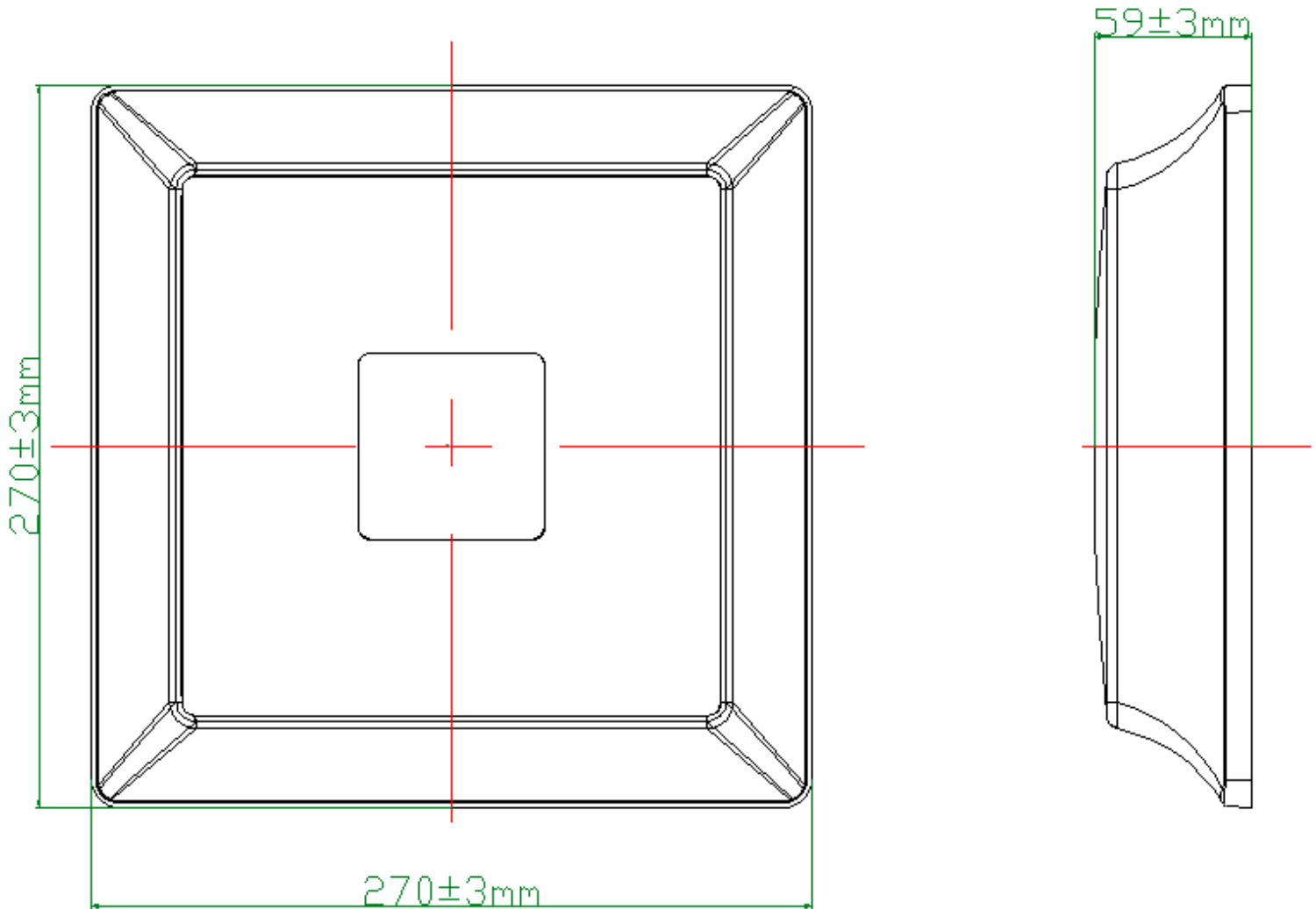
- 863.00(MHz)
- 868.00(MHz)
- 870.00(MHz)



Legend

- 902.00(MHz)
- 915.00(MHz)
- 928.00(MHz)





Antenna Dimensions
270 (L) x 270(W) x 59(H)mm