

SPECIFICATION FOR APPROVAL

CUSTOMER

DESCRIPTION

3G/4G LTE GSM Multi Band Antenna with SMA male (Swivel)
704-902-928-960/1427.9-1575.42/1710-2170/2400-2480-2690MHz

PART NO.

CTA 2707/2/DR/SM/T2

DATE

2017/7/18

DESIGNER		DIRECTOR	
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Approved by Customer/date:

ANTENNA SPECIFICATIONS FOR APPROVAL

1 GENERAL DESCRIPTION

- 1.1 Type No. :
- 1.2 Customer P/N :

2 DESCRIPTION & APPLICATION

This antenna assembly is designed for use in frequency
704-902-928-960/1427.9-1575.42/1710-2170/2400-2480-2690MHz

3 ELECTRICAL CHARACTERISTICS

- 3.1 Frequency Rang: 704-902-928-960/1427.9-1575.42/1710-2170/2400-2480-2690MHz
- 3.2 V.S.W.R: < 3
- 3.3 Impedance: 50 OHM
- 3.4 Type of Radiation: Omni-directional
- 3.5 Polarization: Vertical
- 3.6 Gain: 2-3dBi
- 3.7 Connector: SMA Male (Swivel) Brass
Whip Material: ABS
- 3.8 Size: 135.6x20.1mm
- 3.9 Color: Black

4 ENVIRONMENTAL CHARACTERISTICS

- 4.1 Operating temperature range -35°C to + 75°C

5 QUALIFICATION TESTING

- 5.1 All products shall be able to withstand the following testing.
- 5.2 Physical dimensions identified within this specification.

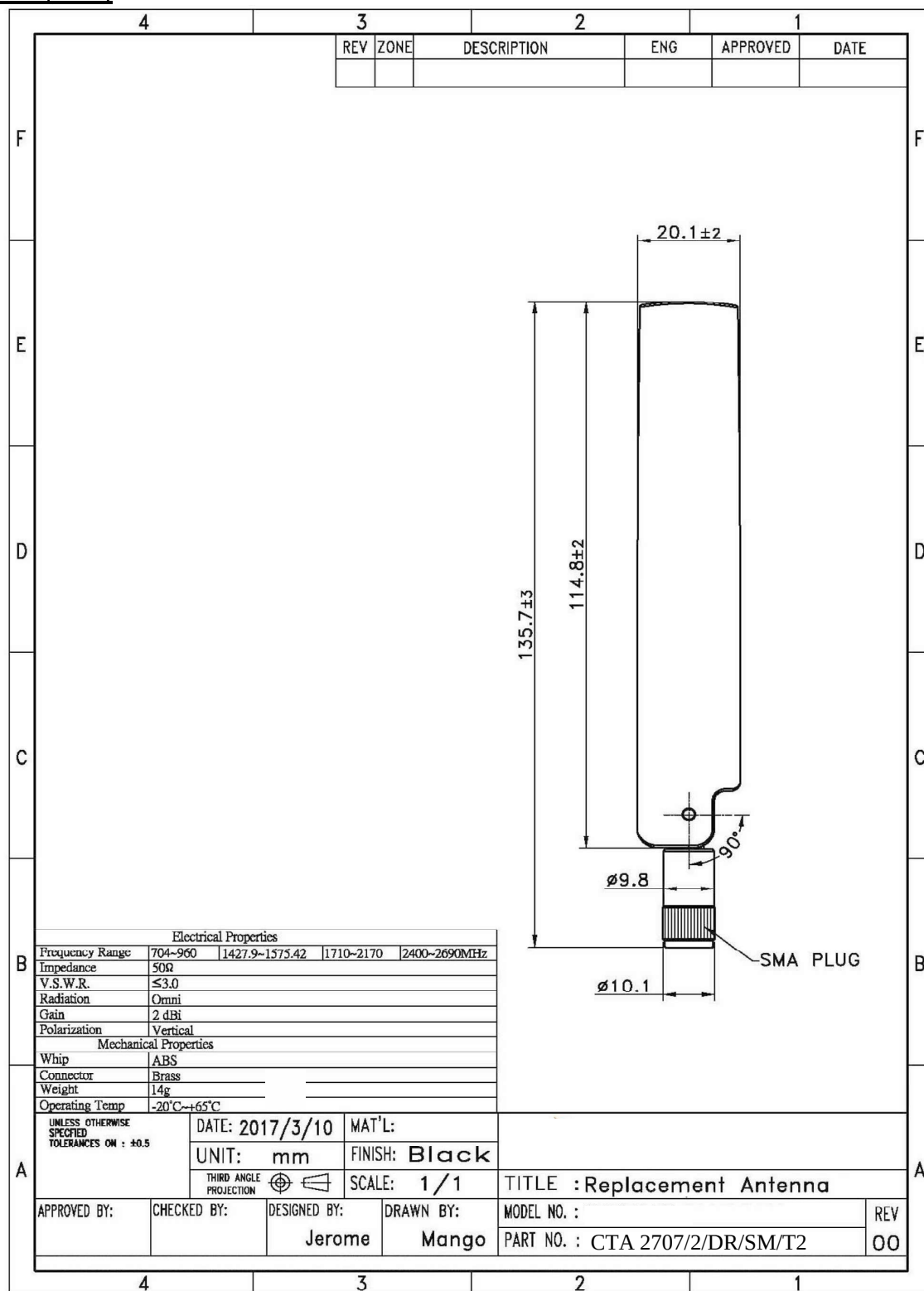
6 PACKING STYLE

- Polybag/each
- 600pcs in a carton: GW: 9.5kgs / Carton Size: 41*31*22cm

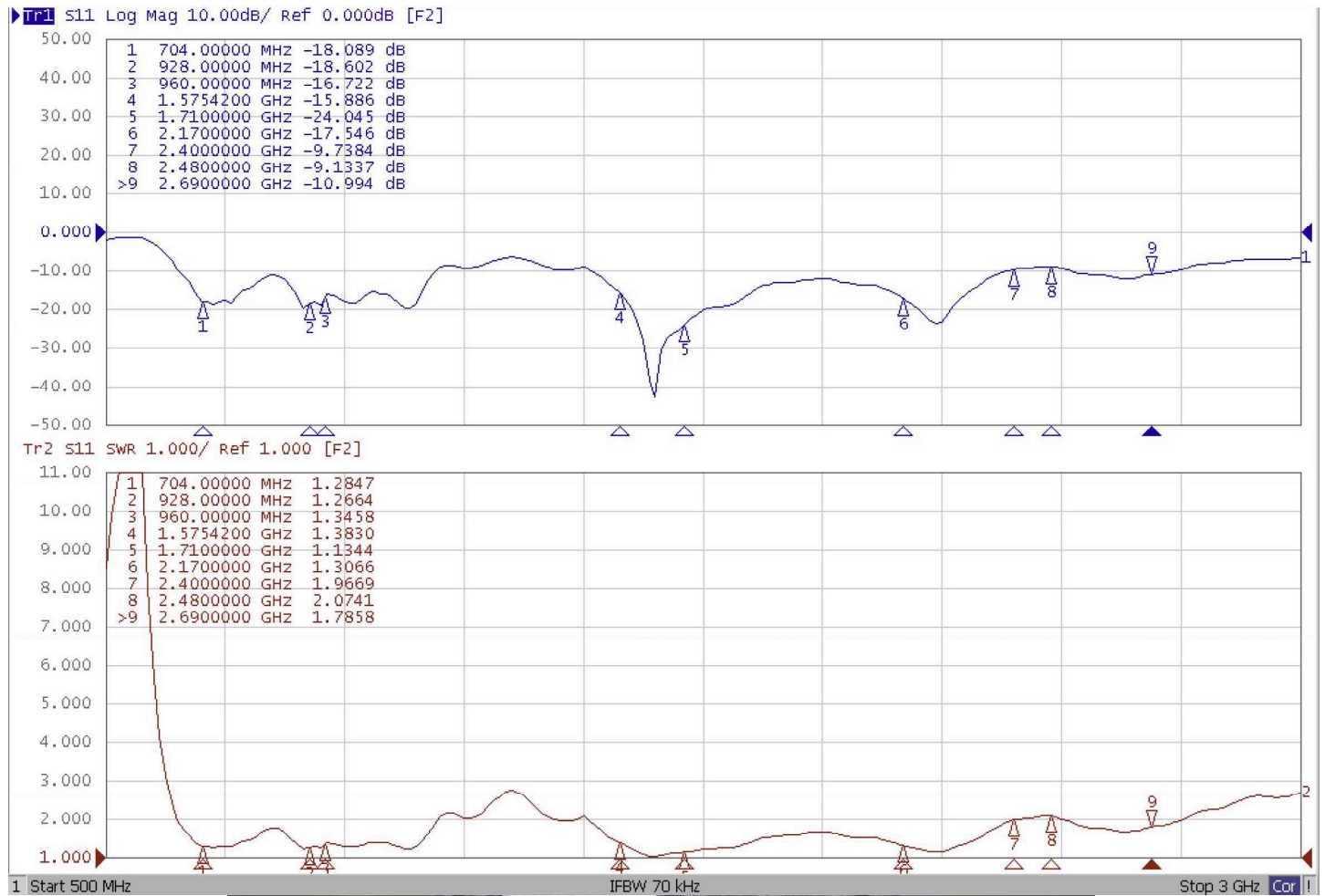


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7 DRAWING (MM)



8 TEST- VSWR & RETURN LOSS



ANTENNA SPECIFICATIONS FOR APPROVAL

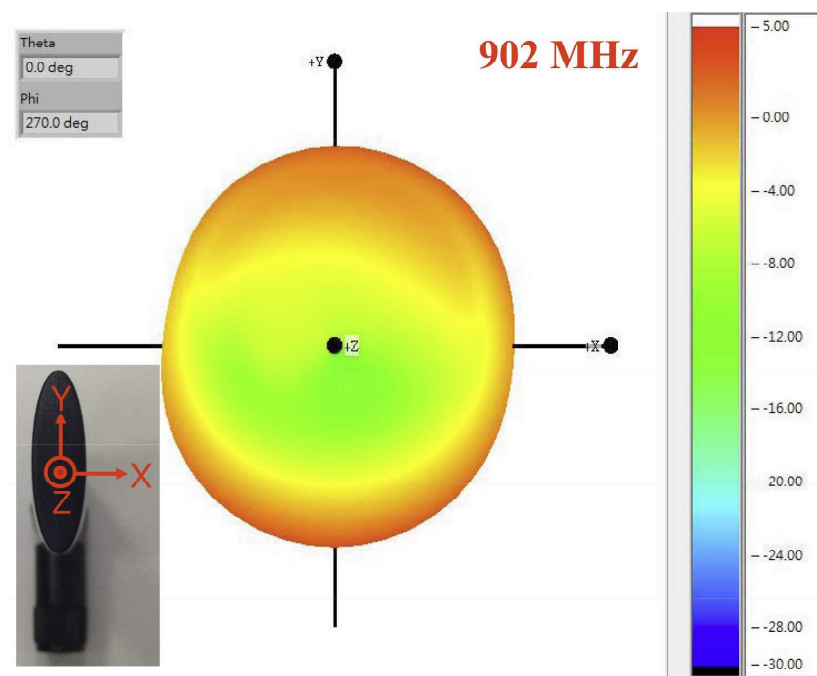
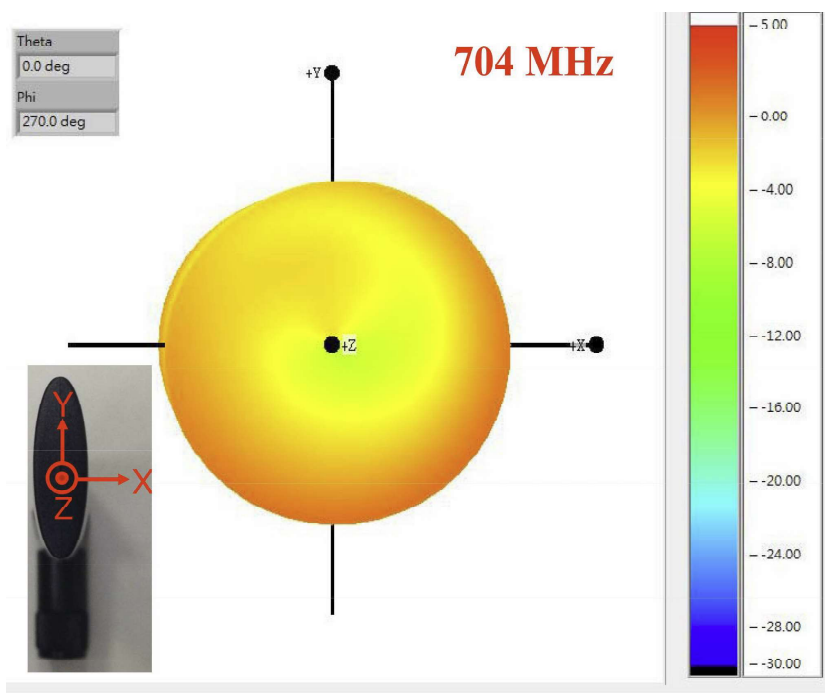
9 Antenna Efficiency

Frequency (MHz)	704	902	928	960	1575.42	1710	2170	2400	2480	2690
Peak Gain (dBi)	1.14	1.99	1.85	1.65	2.37	2.99	3.24	2.85	2.91	2.55
Efficiency (%)	50.04	53.38	52.18	51.47	65.35	70.14	73.24	64.96	62.28	66.47

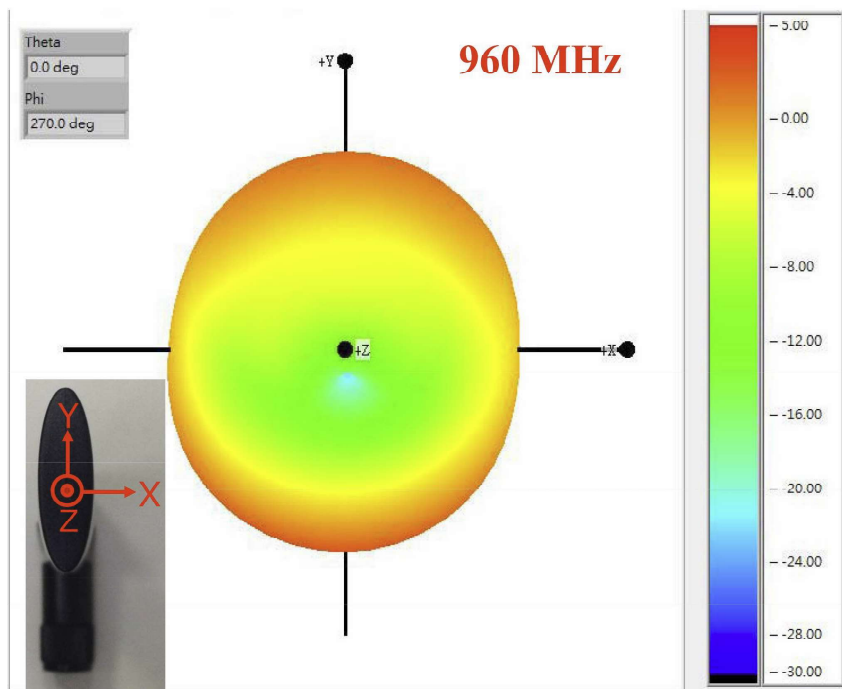
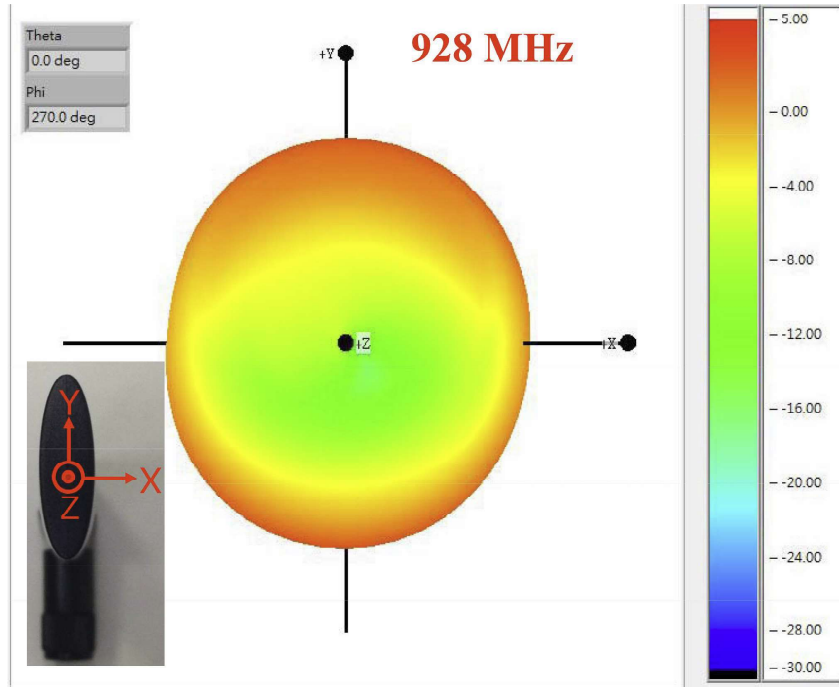


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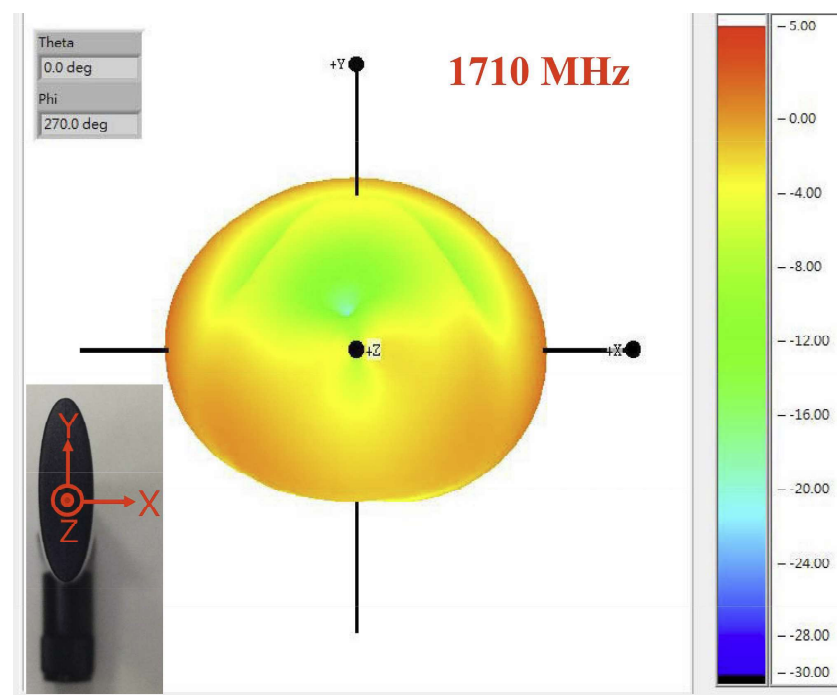
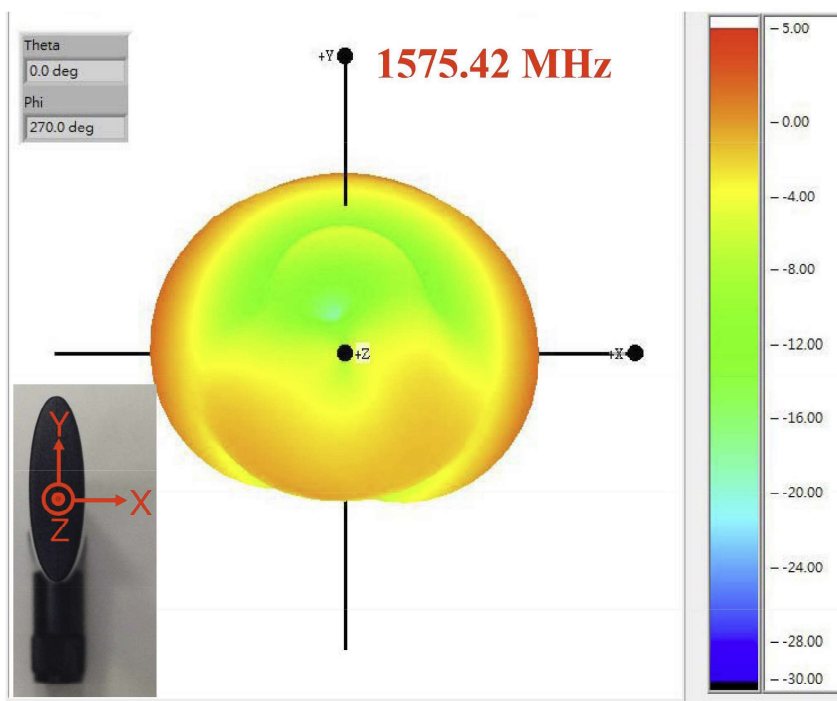
10 Antenna Pattern



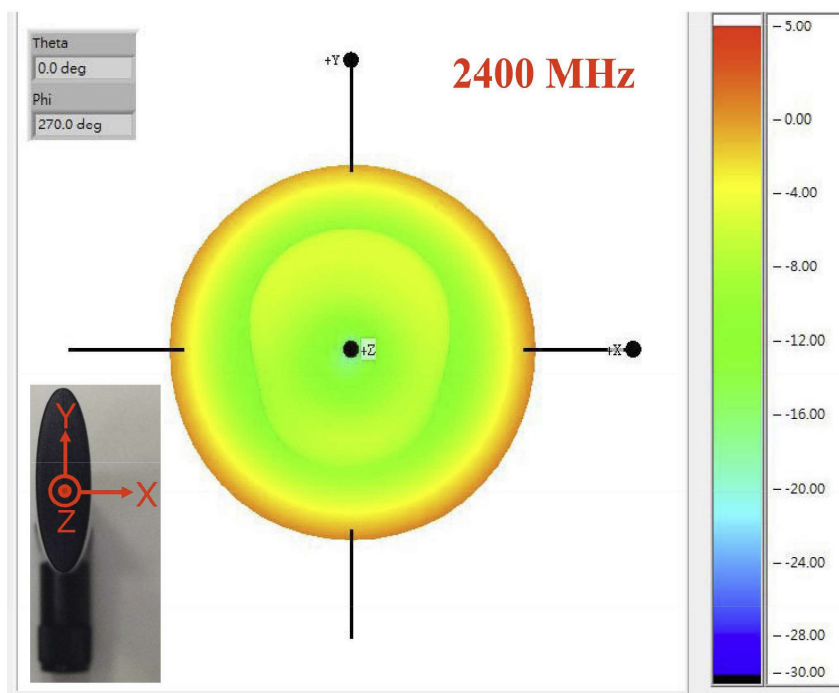
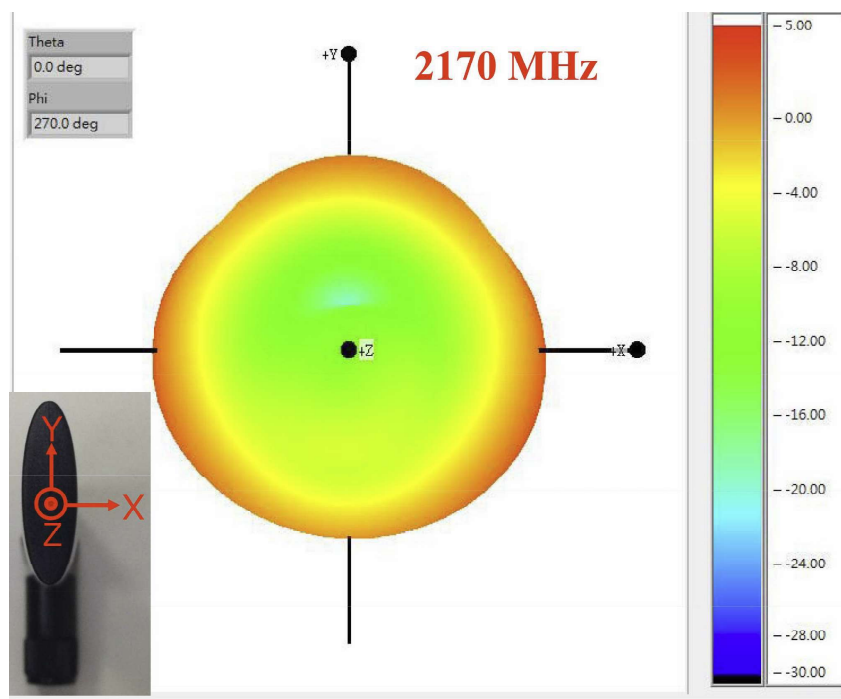
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