

# APPROVAL SHEET

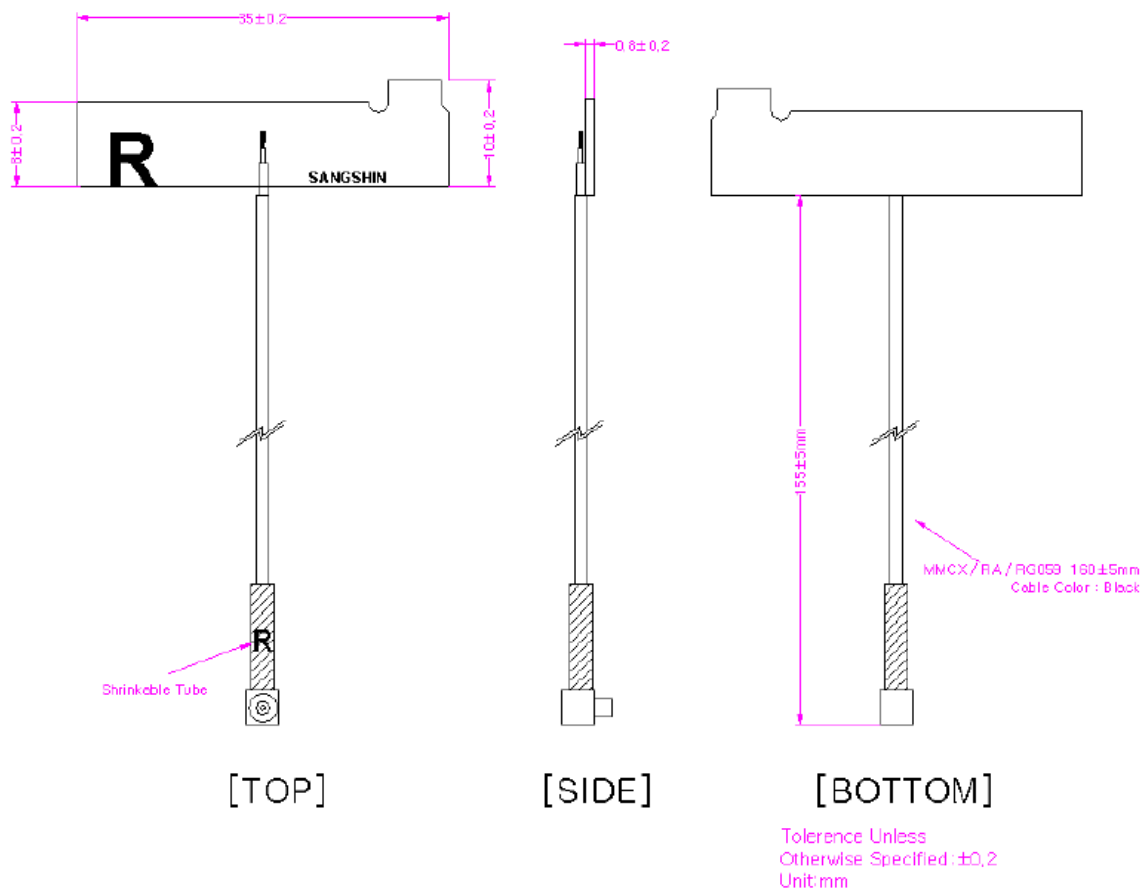


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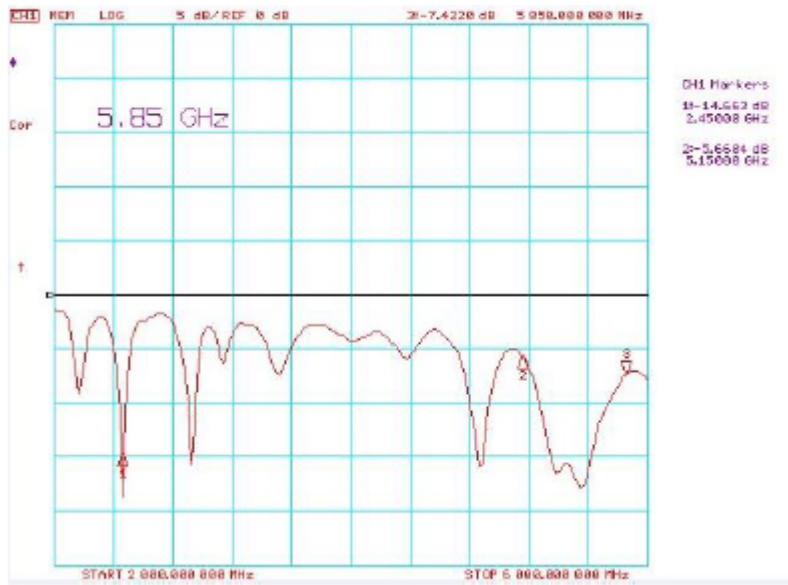
| Item                | Specifications                 |
|---------------------|--------------------------------|
| Operating Frequency | 2400~2500MHz and 5150~5800 MHz |
| Return Loss @ Fc    | 4 dB min.                      |
| Impedance           | 50 $\Omega$                    |
| Polarization        | Linear                         |

environmental characteristics

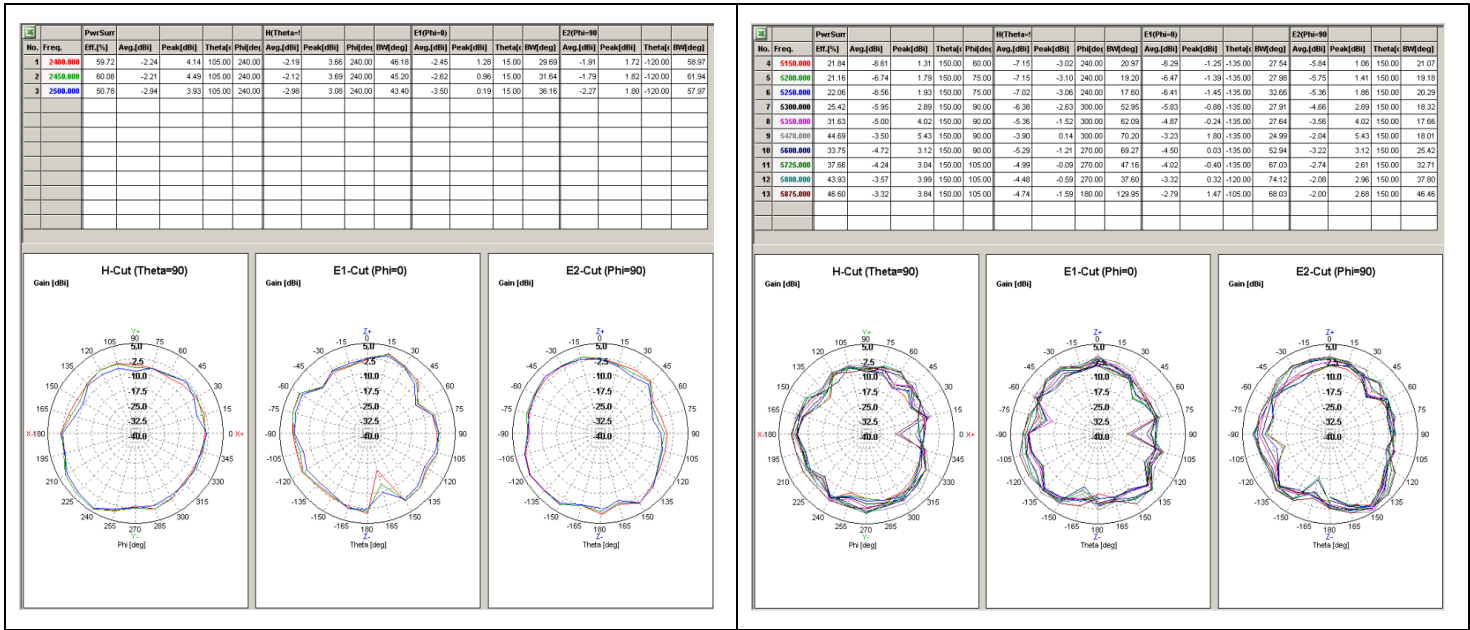
- 1) Operation Tem : -30°C ~ 85°C
- 2) Storage Tem : -30°C ~ 85°C



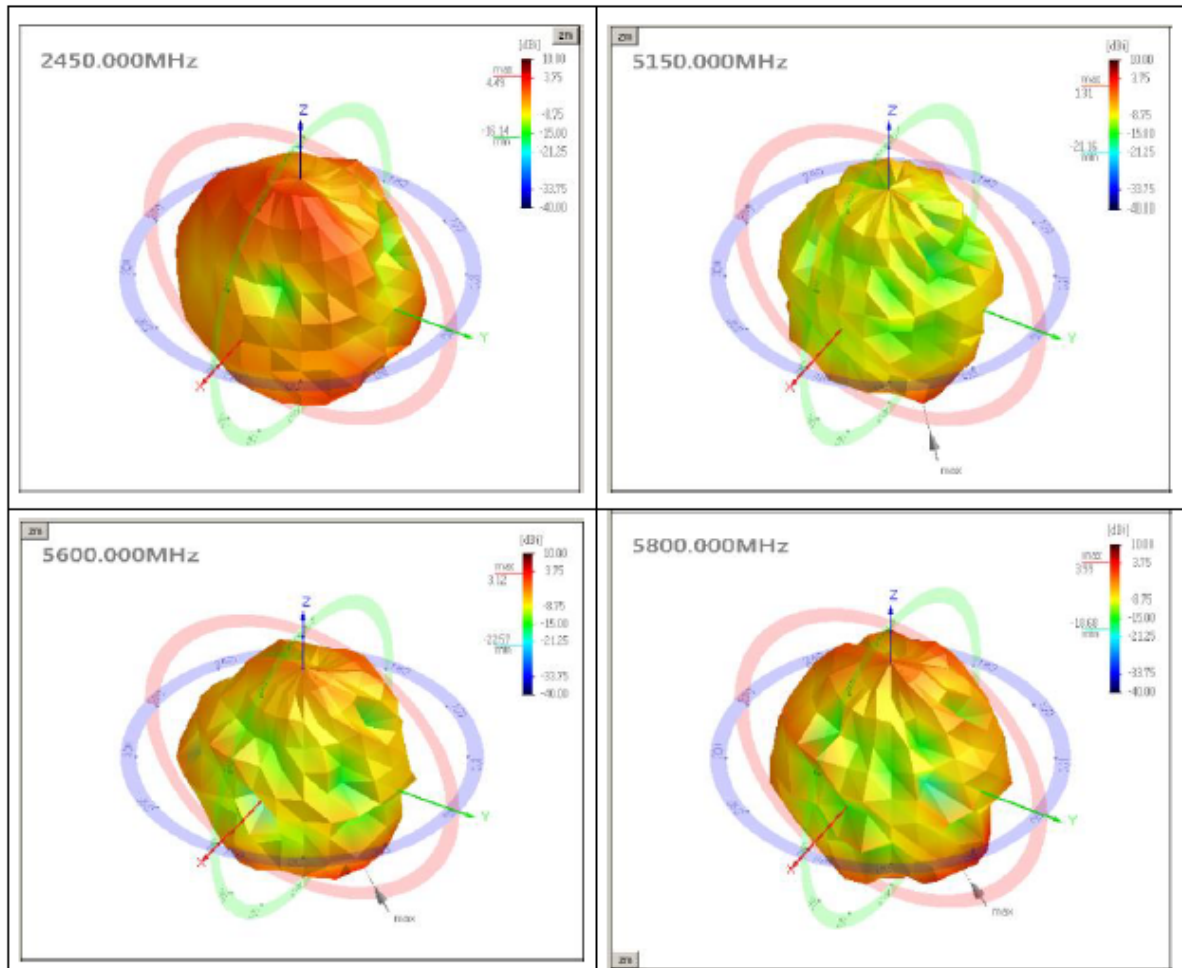
4.1 Return Loss



4.2 Antennna Chamber 2D Data



### 4.3 Antenna Chamber 3D Data



| Frequency       | 2450 MHz | 5150 MHz | 5600 MHz | 5800MHz |
|-----------------|----------|----------|----------|---------|
| Average [dBi]   | -2.21    | -6.61    | -4.72    | -3.57   |
| Efficiency [%]  | 60.08    | 21.16    | 33.75    | 43.93   |
| Peak Gain [dBi] | 4.49     | 1.31     | 3.12     | 3.99    |