

Internal Wi-Fi antenna

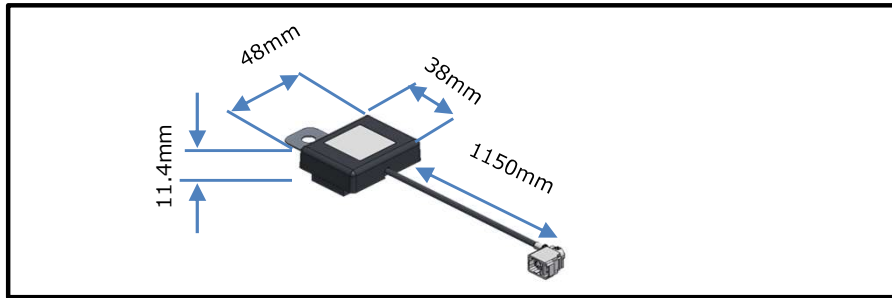
•OUTLINE

Lucid Part No. P21-J99700-00

Mitsumi Part No. R16D788

• Size : 48 x 38 x 11.4 [mm]

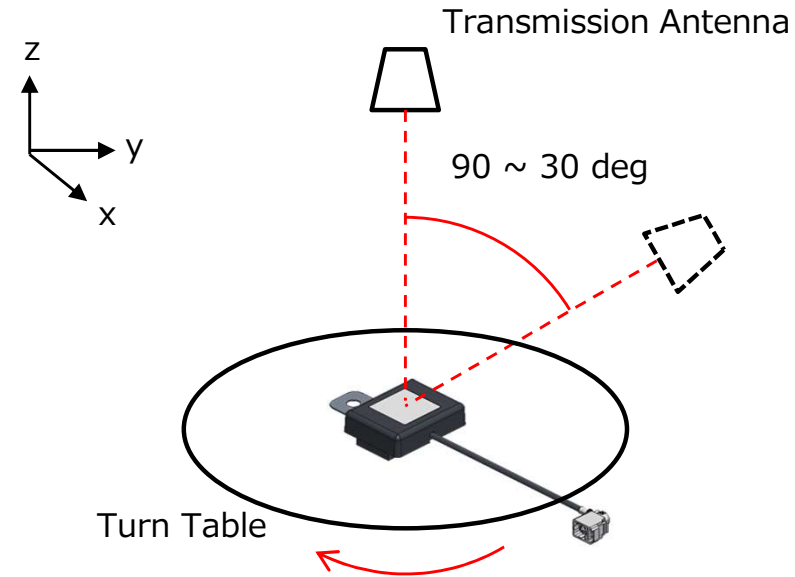
Connector : FAKRA Code I



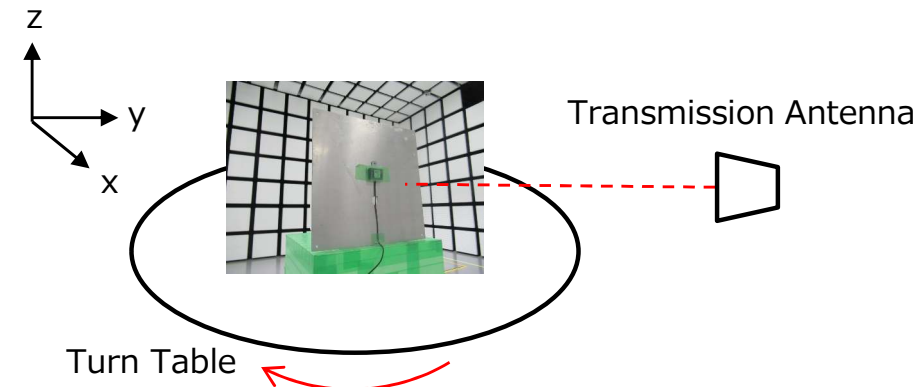
•SPECIFICATIONS

Item	Specifications
Frequency [MHz]	2400-2500 5000-5850
Polarization	Linear polarization Vertical dimension: 38mm Horizontal dimension: 48mm
Antenna Type	Microstrip antenna
VSWR	≤ 3.0
Average Gain 0-60deg V+H Avg.	≥ -3.0 dBi ※Including Cable Loss
Peak Gain	≤ 4.0 dBi ※Including Cable Loss
Output Impedance	50 Ω
Diagnostic Resistor	10k Ω $\pm 10\%$

Average / Peak Gain measurement

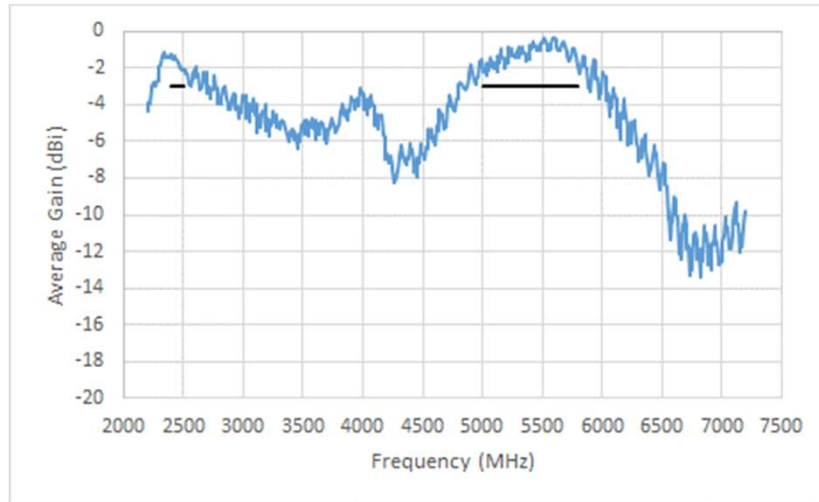


Radiation Pattern Measurement

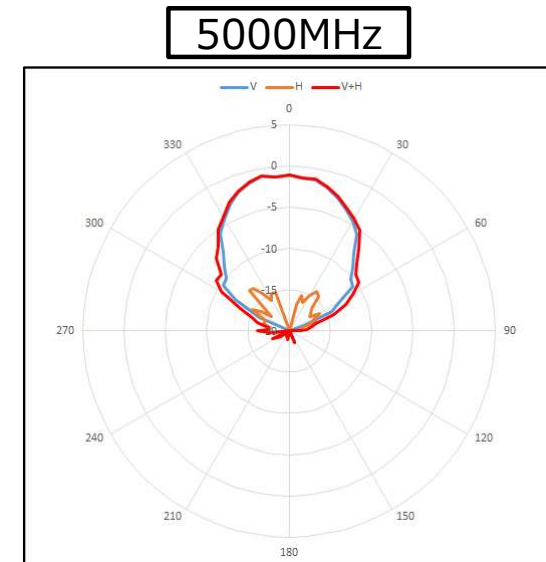
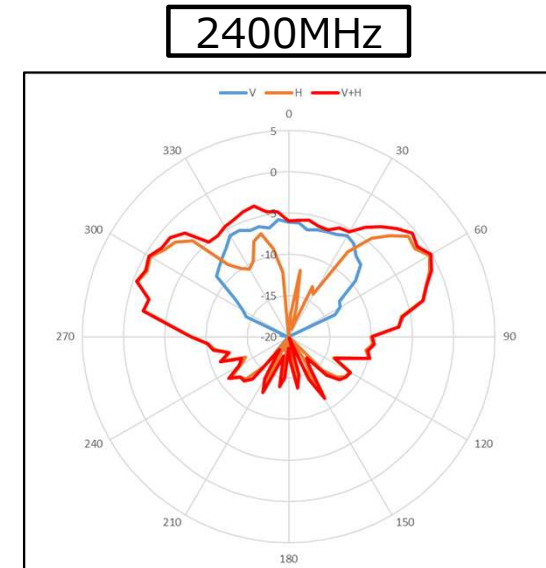
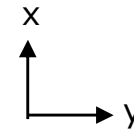


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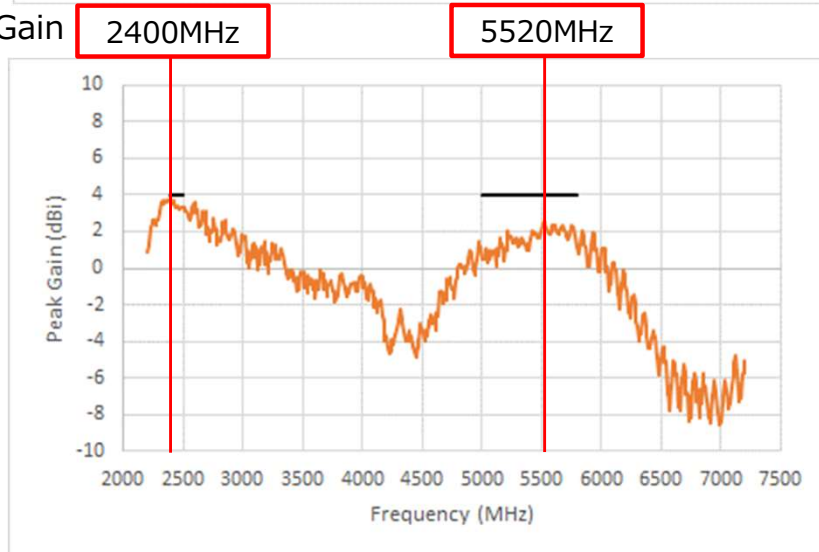
◆ Average Gain



◆ Radiation pattern



◆ Peak Gain



Freq.(MHz)	2400-2500	5000-5850
Peak Gain (dBi)	3.8	2.5
(Freq.(MHz))	2400	5520