



Your antenna design partner

Diksuchi GNSS/GPS Antenna

Datasheet

Diksuchi GNSS/GPS Antenna

Electrical Specifications

1. Frequency: 1550 – 1610 MHz
2. Impedance: 50 Ω

Equipment Used

1. ETS 8050 Antenna Anechoic chamber
2. Keysite 5071C VNA (Radiation pattern Measurement)
3. Agilent 5071C VNA (Return Loss Measurement)



BAND	1550-1610MHz
STANDARD	GPS/GNSS
Frequency(MHz)	1550-1610
Max. VSWR	-2.22
Max. Return loss (dB)	-8.42
Peak gain(dBi)	2.6
Efficiency(%)	76
Radiation properties	Omni-directional
Max. input power	5
Polarization	Linear
Impedence(ohms)	50

Diksuchi GNSS/GPS Antenna

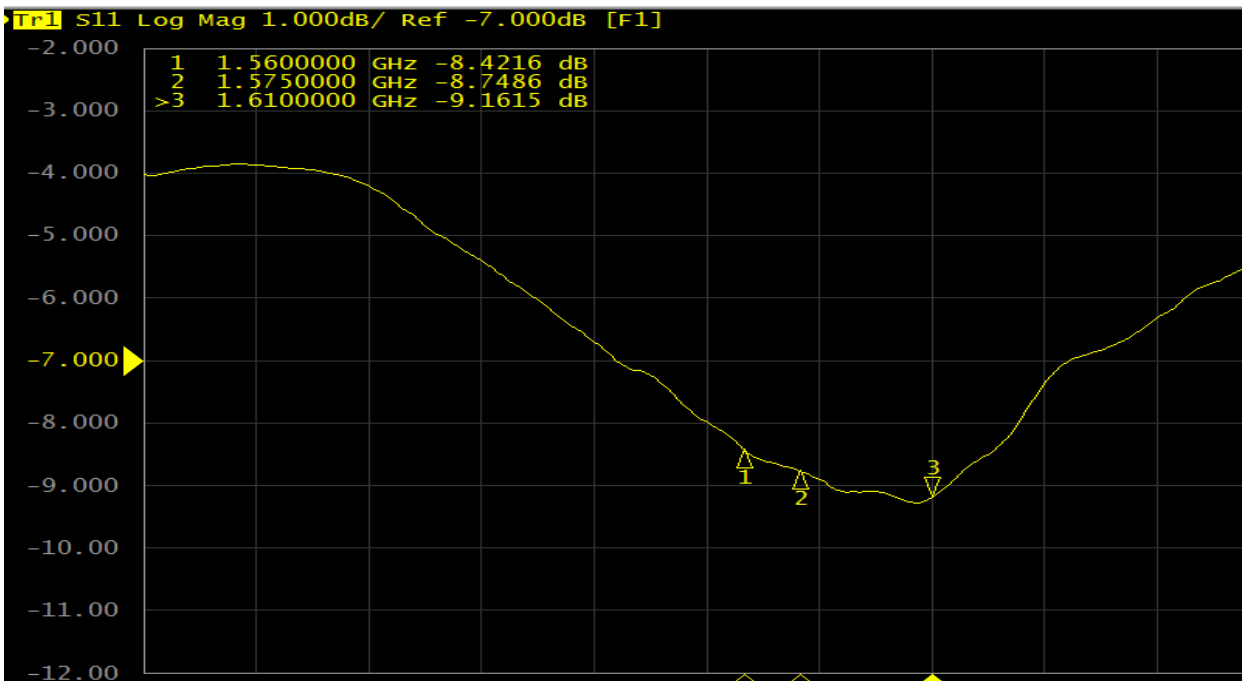
Features

1. Small size
2. >75% efficiency on all bands
3. 2.6 dBi Peak Gain
4. 40*15*1 mm size
5. Adhesive tape / Glass Mount Design
6. IPEX MHFI, UFL Compatible

Applications

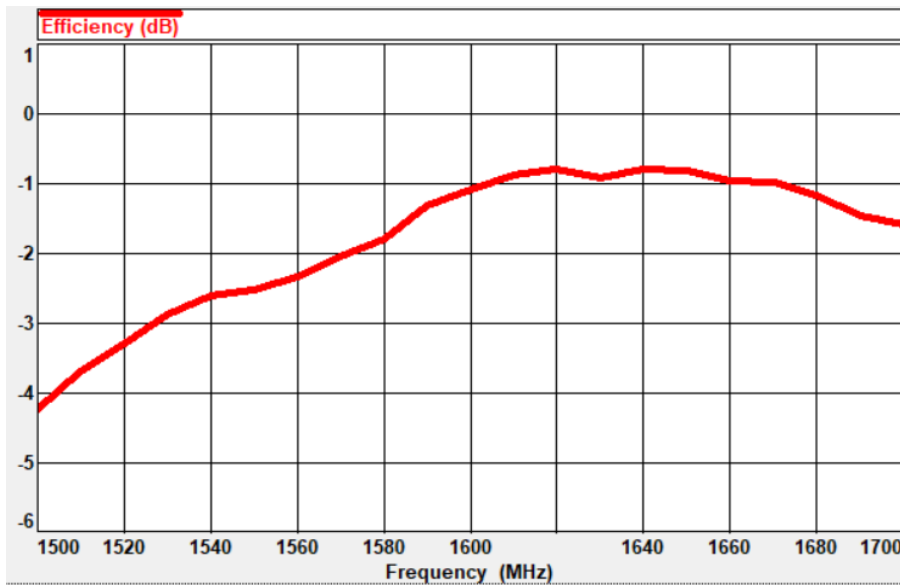
1. ISM 1560 - 1610 MHz
2. GNSS Antenna
3. GPS L1 band

Return Loss



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Efficiency



Radiation Pattern

