WIRELESS EDGE LTD.

MT-464042/ND
4.9-5.9 GHz, 16.5dBi 65º Double Dual Slant Sector Antenna



ELECTRICAL	
REGULATORY COMPLIANCE	RoHS, CE 0682
FREQUENCY RANGE	4.9-5.9 GHz
GAIN	16 dBi ± 0.5 dB
VSWR	1.5 : 1 (typ), 1.7:1 (max)
POLARIZATION	Double Dual Linear ± 45°
-3DB ELEVATION BEAMWIDTH	7º (typ)
-3 DB AZIMUTH BEAMWIDTH	65° (typ)
ELEVATION SIDELOBE LEVEL	-12 dB (typ.)
F/B RATIO	-40 dB (typ)
CROSS POLARIZATION	-15 dB (typ)
PORT TO PORT ISOLATION	20dB (typ)
POWER	6W (max)
INPUT IMPEDANCE	50 (ohm)
LIGHTNING PROTECTION	DC Grounded
MECHANICAL	
DIMENSIONS (LXWXD)	371 x 371 x 40mm (max)
CONNECTOR	4 x N-Type Female
WEIGHT	2 Kg (max)
MOUNTING KIT	MT-120018
RADOME MATERIAL	Plastic
BASE PLATE MATERIAL	Aluminum with chemical conversion coating

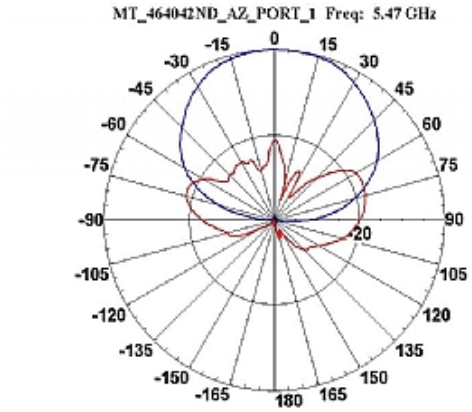
ADD TO COMPARISON | COMPARE

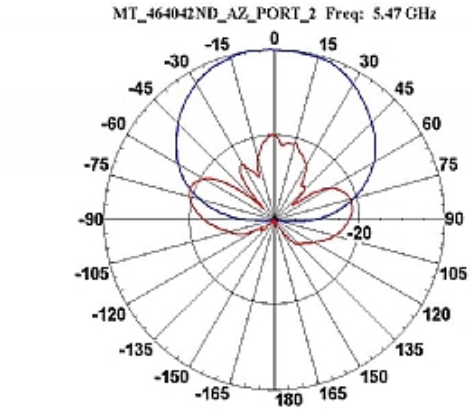
ENVIRONMENTAL

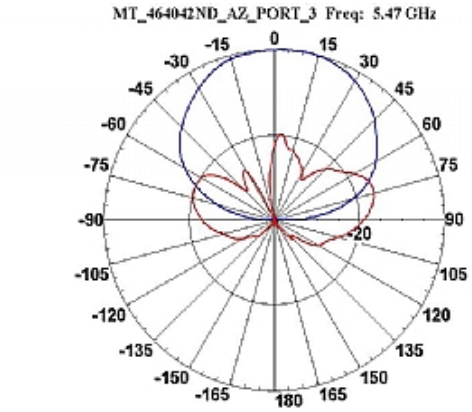
TEST	STANDARD	DURATION	TEMPERTURE	NOTES
LOW TEMPERATURE	IEC 68-2-1	72 h	-55°C	
HIGH TEMPERATURE	IEC 68-2-2	72 h	+71°C	
TEMP. CYCLING	IEC 68-2-14	1 h	-45°C +70°C	3 Cycles
VIBRATION	IEC 60721-3-4	30 min/axis		Random4M3
SHOCK MECHANICAL	IEC 60721-3-4			4M3
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h		95%
WATER TIGHTNESS	IEC 529			IP67
SOLAR RADIATION	ASTM G53	1000h		
FLAMMABILITY	UL 94			Class HB

SALT SPRAY	IEC 68-2-11 Ka	500h	
ICE AND SNOW			25mm Radial
WIND SPEED SURVIVAL OPERATION			220 Km/h 160 Km/h
WIND LOAD (SURVIVAL) **FRONT THRUST** **SIDE THRUST**			39.6 kg 4.3 kg

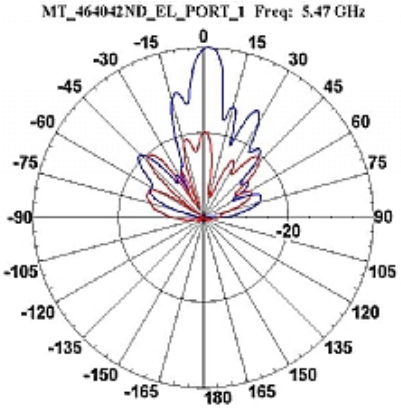
AZIMUTH RADIATION PATTERN MIDBAND FREQ. 5.47 GHZ

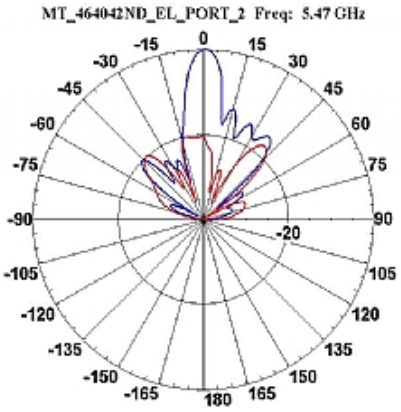


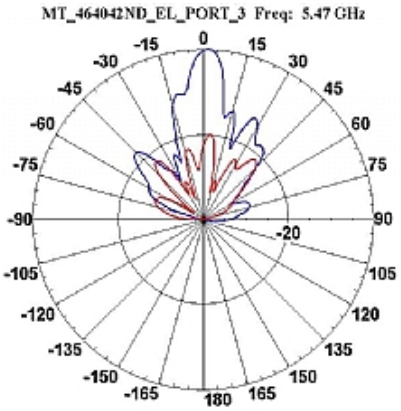


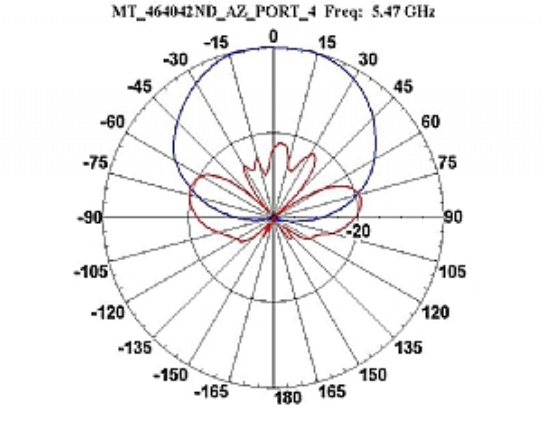


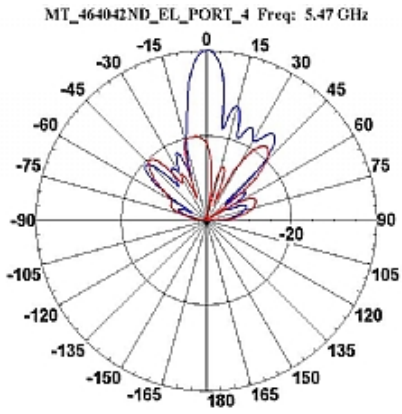
ELEVATION RADIATION PATTERN MIDBAND FREQ. 5.47 GHZ











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