

MT-465019/NVD

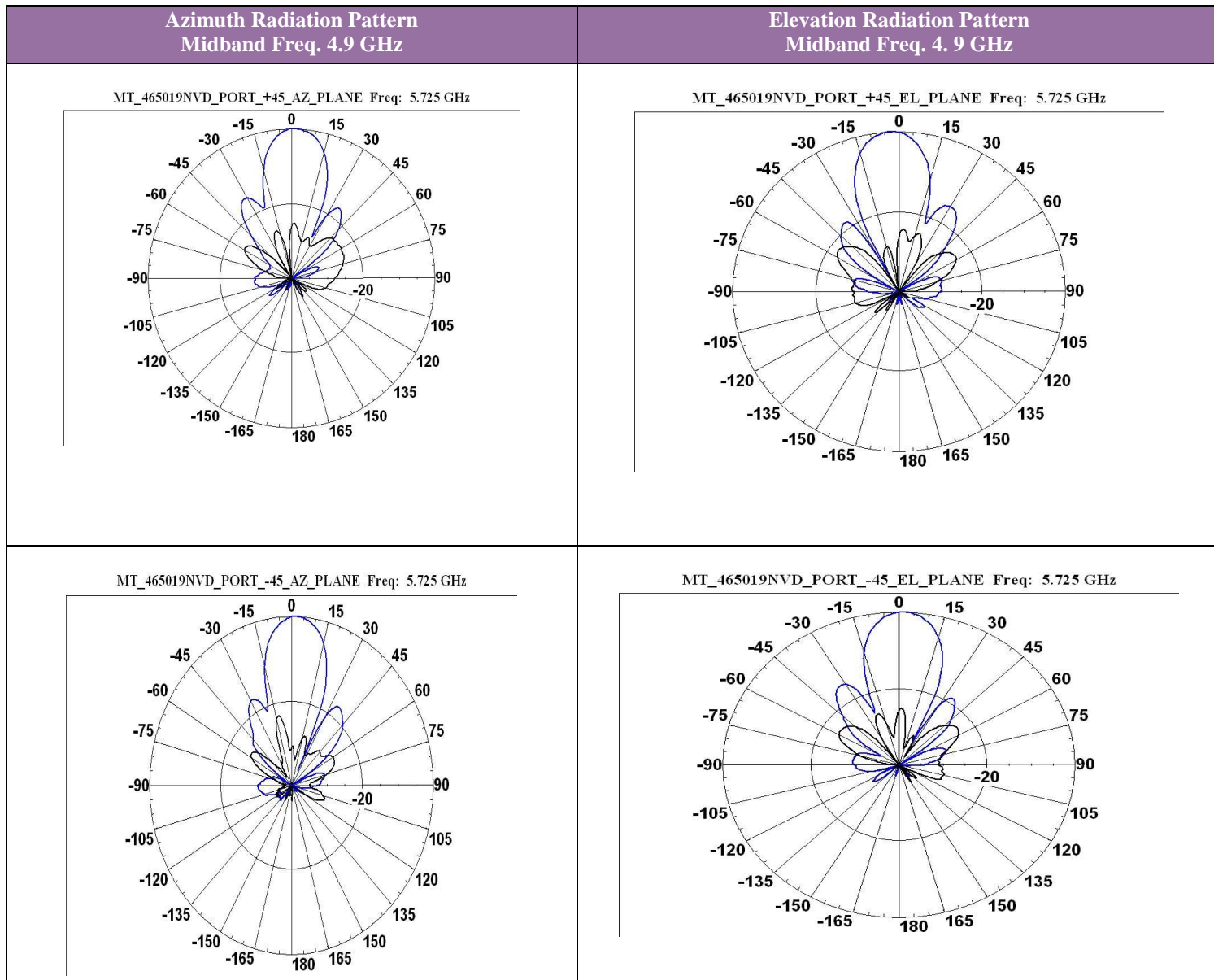
4.9-6.1 GHz 17/19dBi Subscriber Antenna



Specifications

MTI PART NUMBER		MT – 465019/NVD			
ELECTRICAL					
REGULATORY COMPLIANCE	RoHS , CE 0682				
FREQUENCY RANGE	4.9-6.1 GHz				
GAIN	19 dBi (min) Vertical 17 dBi (min) Dual Slant				
VSWR	1.8 : 1 (max) 1.5 ; 1 (typ)				
3dB BEAMWIDTH	20° (typ)				
POLARIZATION	Triple Polarization +45°, -45° & Vertical Pol.				
SIDELOBES LEVEL	-15				
CROSS POLARIZATION	-20				
F/B RATIO	- 35 dB (max)				
INPUT IMPEDANCE	50 (ohm)				
INPUT POWER	6W (max)				
LIGHTNING PROTECTION	DC Grounded				
MECHANICAL					
DIMENSIONS (LxWxD)	305x305x15mm (max)				
WEIGHT	1.5 (kg) (max)				
CONNECTOR	3*N-Type Female				
RADOME	Plastic				
BASE PLATE	Aluminum with chemical conversion coating				
OUTLINE DRAWING	See page 2				
MOUNTING KIT	120018/A				
ENVIRONMENTAL					
TEST	STANDARD	DURATION	TEMPERATURE	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	2000 h	-	-	
SALT SPRAY	IEC 68-2-11 Ka	500 h	-	-	
ICE AND SNOW	-	-	-	25mm Radial	
WIND SPEED SURVIVAL	-	-	-	220 Km/h	
OPERATION	-	-	-	160 Km/h	
WIND LOAD (SURVIVAL)	-	-	-	26.8 kg	
FRONT THRUST	-	-	-	1.3 kg	
SIDE THRUST	-	-	-	-	

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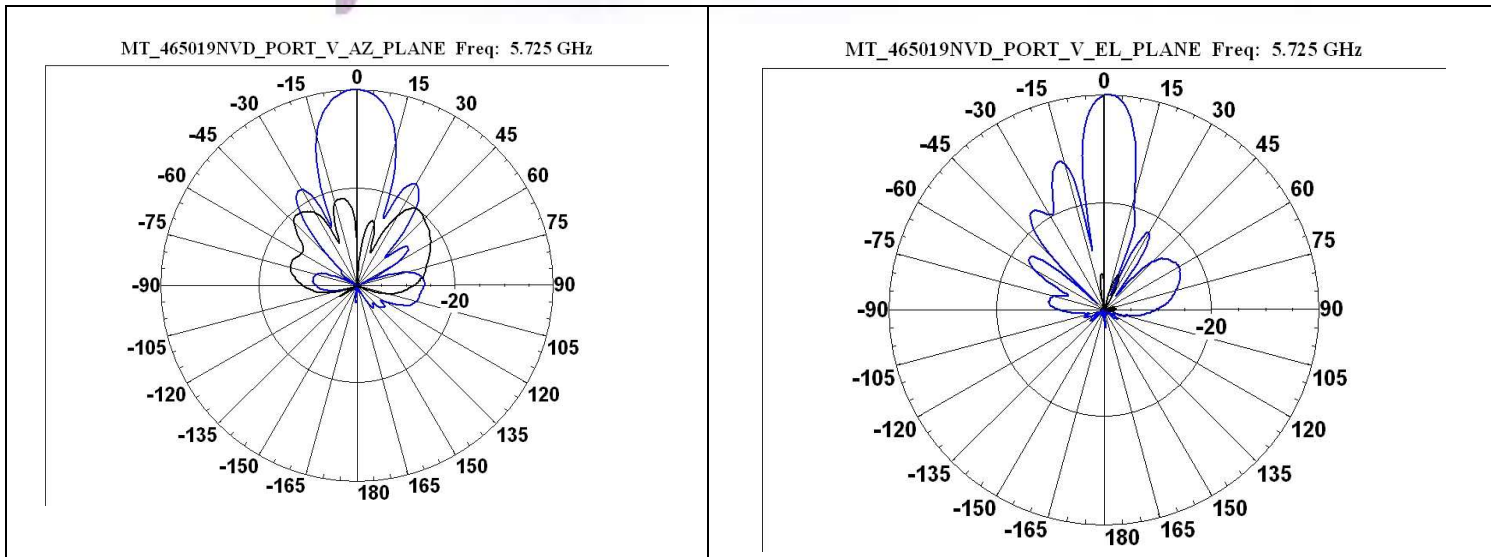
MTI group is certified according to ISO 9001 and ISO 14001.

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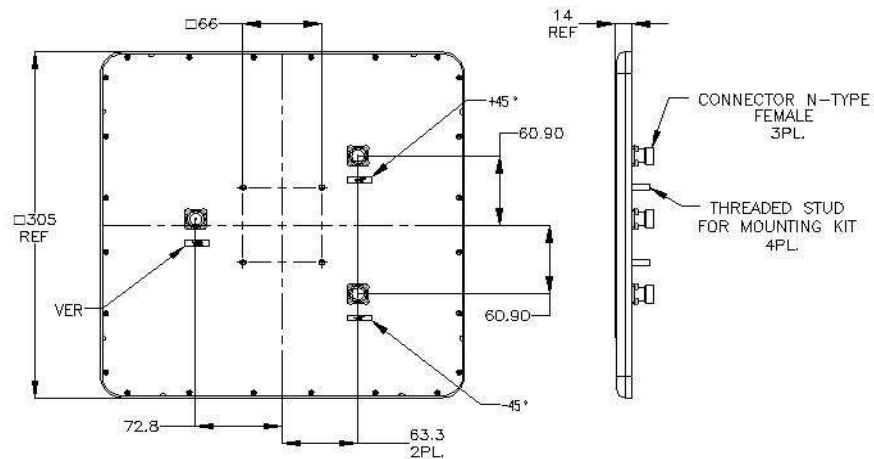
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Dimensions [mm]



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