

SPECIFICATION**FLAT PANEL ANTENNA**

MARS-PART NUMBER	MA-WC55-AS16
REGULATORY COMPLIANCE	ETSI EN 302 085 V1.1.2 (2001-02) RANGE 1
<u>1. ELECTRICAL</u>	
FREQUENCY RANGE	4.9 – 5.875 GHz
GAIN	14dBi
VSWR	1.4 : 1 (typ) 1.7:1(max)
AZIMUTH BEAMWIDTH	60°(typ)
POLARIZATION	Linear Vertical
ELEVATION BEAMWIDTH	12° (typ)
SIDELOBES LEVEL	EN 302 085 V1.1.2 TS2
CROSS POLARIZATION	EN 302 085 V1.1.2 TS2
F/B RATIO	EN 302 085 V1.1.2 TS2
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	5W (max)
LIGHTNING PROTECTION	DC Grounded
<u>2. MECHANICAL</u>	
DIMENSIONS (LxWxD)	PCB 270X215X0.8mm (max)
WEIGHT	0.1 kg (max)
CONNECTOR	MCX- Male
RADOME	Supply by customer
BASE PLATE	Supply by customer
OUTLINE DRAWING	TBD

MARS-ANTENNA & RF SYSTEM LTD.		SPECIFICATION FOR MA-WC55-AS16	
DOC NO. RD41764000C		4.9-5.875 GHz, 14dBi	
SCALE: NONE	CLASSIFICATION: NONE	REV-	SHEET 1 OF 1