

														REVISION RECORD <table><tr><th>REV</th><th>ECO</th><th colspan="4">DESCRIPTION</th><th colspan="4">APVD</th><th colspan="2">DATE</th></tr><tr><td>A</td><td>CW67</td><td colspan="4">RELEASED</td><td colspan="4">Yael H.</td><td colspan="2">6.3.03</td></tr><tr><td></td><td></td><td colspan="4"></td><td colspan="4"></td><td colspan="2"></td></tr><tr><td></td><td></td><td colspan="4"></td><td colspan="4"></td><td colspan="2"></td></tr><tr><td></td><td></td><td colspan="4"></td><td colspan="4"></td><td colspan="2"></td></tr><tr><td></td><td></td><td colspan="4"></td><td colspan="4"></td><td colspan="2"></td></tr><tr><td></td><td></td><td colspan="4"></td><td colspan="4"></td><td colspan="2"></td></tr></table>										REV	ECO	DESCRIPTION				APVD				DATE		A	CW67	RELEASED				Yael H.				6.3.03																																																													
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PRODUCT STATUS: ☐ PROPOSAL, ☒ INDEVELOPMENT ☐ PREPRODUCTION, ☐ PRODUCTION							Mti WIRELESS EDGE LTD.																																																																																																				
ACTION	NAME		SIGN	DATE		TITLE SPECIFICATION FOR MT – 486004/N SUBSCRIBER ANTENNA 5.15 - 5.875 GHz ,26 dBi																																																																																																					
PREP	Y.HARASH		Y.H	25.12.02																																																																																																							
CHKD	D.FAINER		D.F	3.3.03																																																																																																							
DSGN	A.HVIV		A.H	28.2.03																																																																																																							
PROJ	M.ROSTMY		M.R	25.2.03																																																																																																							

MFG				SIZE	CLASSIFICATION	DWG NO
QA	M.MOTOVICH	MOTI	25.2.03	A	NONE	RD41262600C
MARK.	D.SHANI	D.S	3.3.03	SCALE NONE		SHEET 1 OF 3

961-7/96

SIZE	MTI WIRELESS EDGE	DWG NO	REV
A		RD41262600C	A
SCALE NONE		SHEET 2 OF 3	

SPECIFICATION

FLAT PANEL SUBSCRIBER ANTENNA

MTI PART NUMBER	MT – 486004/N
REGULATORY COMPLIANCE	ETSI EN 302 085 V1.1.2,(2001-02) Range 1
<u>1. ELECTRICAL</u>	
FREQUENCY RANGE	5.15 - 5.875 GHz
GAIN	26 dBi (min)
VSWR	1.7:1 (max),1.5:1 (typ)
3 dB BEAMWIDTH	6° (typ)
POLARIZATION	Linear (Vertical or Horizontal)
SIDELOBES LEVEL	ETSI EN 302 085 V1.1.2, TS1-TS5
CROSS POLARIZATION	ETSI EN 302 085 V1.1.2, TS1-TS5 -20 db (max)
F/B RATIO	ETSI EN 302 085 V1.1.2, TS1-TS5 -30 db (max)
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	6W (max)
LIGHTNING PROTECTION	DC Grounded
<u>2. MECHANICAL</u>	
DIMENSIONS (LxWxD)	450 x 450 x 30mm (max)
WEIGHT	3 (kg) (max)
CONNECTOR	N-TYPE Female
RADOME	Plastic
BASE PLATE	Aluminum with chemical conversion coating
OUTLINE DRAWING	RD41262700C
<u>3. MOUNTING KIT</u>	See RD41191800C

SIZE A	MTI WIRELESS EDGE	DWG NO RD41262600C	REV A
SCALE NONE		SHEET 3 OF 3	

4. 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	-	Random 4M5
SHOCK MECHANICAL	IEC 60721-3-4	-	-	4M5
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h	-	95%
WATER TIGHTNESS	IEC 529	-	-	IP67
SOLAR RADIATION	ASTM G53	1000 h	-	-
SALT SPRAY	IEC 68-2-11 Ka	500 h	-	-
ICE AND SNOW	-	-	-	25mm Radial
WIND SPEED SURVIVAL OPERATION	-	-	-	220 Km/h
	-	-	-	160 Km/h
WIND LOAD (SURVIVAL): FRONT THRUST SIDE THRUST	-	-	-	58.3 kg
	-	-	-	3.9 kg

SIZE A	MTI WIRELESS EDGE	DWG NO RD41262600C	REV A
SCALE NONE		SHEET 4 OF 3	