

REVISION RECORD

REV	ECO	DESCRIPTION	APVD	DATE
A	CX95	RELEASED	Yael H.,	22.9.04

SHEET	43	44	45	46	47	48	49	50	51	52	53	54	55	56
REV														
SHEET	29	30	31	32	33	34	35	36	37	38	39	40	41	42
REV														
SHEET	15	16	17	18	19	20	21	22	23	24	25	26	27	28
REV														
SHEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14
REV	A	A	A											

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PRODUCT STATUS:

- PROPOSAL, INDEVELOPMENT
 PREPRODUCTION, PRODUCTION



ACTION	NAME	SIGN	DATE
PREP	Yael H.	Y.H	20.9.04
CHKD	D.FAINER	D.F	23.9.04
DSGN	M.HAIKIN	M.H	22.9.04
PROJ	M.ROSTMY	M.R	22.9.04
MFG			
QA	M.MOTOVICH	MOTI	22.9.04
MARK.	E.AGMON	E.A	23.9.04

TITLE		
SPECIFICATION FOR MT – 364023/C/A SUBSCRIBER ANTENNA 2.4-2.7 GHz		
SIZE	CLASSIFICATION	DWG NO
A	NONE	RD41513800C
SCALE NONE		SHEET 1 OF 3

SPECIFICATION

FLAT PANEL SUBSCRIBER ANTENNA

MTI PART NO	MT - 364023/C/A
REGULATORY COMPLIANCE	ETSI EN-301-525 V1.1.1 (2000-06)
<u>1.ELECTRICAL</u>	
FREQUENCY RANGE	2.4 – 2.7GHz
GAIN 2.4 – 2.5 GHz	15.2 dBi
2.5 – 2.7 GHz	16 dBi
VSWR	1.7:1 (max)
3 dB BEAMWIDTH	20°
POLARIZATION	Linear Vertical or Horizontal
SIDELOBES LEVEL	ETSI EN-301-525 V1.1.1 (2000-06) TS2
CROSS POLARIZATION	ETSI EN-301-525 V1.1.1 (2000-06) TS2
F/B RATIO	26 dB (min)
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	6W
LIGHTNING PROTECTION	DC Grounded
<u>2.MECHANICAL</u>	
DIMENSIONS (LxWxH)	305 x 305 x 25mm
WEIGHT	1.2 (kg)
CONNECTOR	MCX plug right angle with 18cm coaxial cable
RADOME	Plastic
BASE PLATE	Aluminum with chemical conversion coating
OUTLINE DRAWING	RD41513700C

SIZE A	MTI WIRELESS EDGE	DWG NO RD41513800C	REV A
SCALE NONE		SHEET 2 OF 3	

3. 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	-	Random 4M5
SHOCK MECHANICAL	IEC 60721-3-4	-	-	4M5
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h	-	95%
WATER TIGHTNESS	IEC 529	-	-	IP63
SOLAR RADIATION	ASTM G53	1000 h	-	-
FLAMMABILITY	UL 94	-	-	CLASS HB
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	- -	- -	- -	26.8 kg 2.2 kg

SIZE A	MTI WIRELESS EDGE	DWG NO RD41513800C	REV A
SCALE NONE		SHEET 3 OF 3	