

# Specification for MT – 344052/MV Subscriber Antenna 2.3-2.7 GHz, 14.5dBi

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MTI WIRELESS EDGE LTD.	MT – 344052/MV	REV-A
SCALE: NONE	DOC NO. RD42544300C	SHEET 1 OF 3

REVISION RECORD				
REV	ECO	DESCRIPTION	APVD	DATE
A	DA24	RELAESD	Yael H.	21.8.08

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											

<b>PRODUCT STATUS:</b>			
<input type="checkbox"/> PROPOSAL	<input checked="" type="checkbox"/> IN DEVELOPMENT	<input type="checkbox"/> PREPRODUCTION	<input type="checkbox"/> PRODUCTION

CONTRACT NO			
ACTION	NAME	SIGN	DATE
PREP	Yael HRASH	Yael	15.7.08
CHKD	DANIEL ZERAH	D.Z	20.8.08
CHKD			
CHKD			
DSGN	SERGEY ZEMLIAKOV	S.Z	17.8.08
PROJ	MOTI ROSTMY	M.R	17.8.08
MFG			
QA	MOTI MOTOVICH	MOTI	18.8.08
MARK.	EFI AGMON	E.A	19.8.08

MTI WIRELESS EDGE LTD.	Specification for MT – 344052/MV Subscriber Antenna		
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SCALE: NONE	CLASSIFICATION: NONE	REV	SHEET 2 OF 3

## SPECIFICATION

### Flat Panel Subscriber Antenna

<b>MTI PART NUMBER</b>	<b>MT- 344052/MV</b>
Regulatory Compliance	ETSI EN 302 326-3 V1.1.2 (2006-03) RoHS
<b><u>1. ELECTRICAL</u></b>	
Frequency Range	2.3-2.7 GHz
Gain	14 ± 0.5 dBi
VSWR	1.8 : 1 (max) 1.6:1 (typ)
- 3dB Beamwidth Azimuth	32°(typ)
- 3 dB Beamwidth Elevation	33°(typ)
Polarization	Linear Vertical
Sidelobes Level	ETSI EN 302 326-3 V1.1.2 DN2
Cross Polarization	ETSI EN 302 326-3 V1.1.2 DN2-DN3
F/B Ratio	ETSI EN 302 326-3 V1.1.2 DN2-DN3
Input Impedance	50 (ohm)
Input Power	6W (max)
Lightning Protection	DC Grounded
<b><u>2. MECHANICAL</u></b>	
Dimensions (LxWxD)	PCB 170X170X0.8mm (max)
Weight	0.1 kg (max)
Connector	MCX- Male
Radome	Supply by customer
Base Plate	Supply by customer
Outline Drawing	RD42547300C

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<b>SCALE: NONE</b>	<b>CLASSIFICATION: NONE</b>	<b>REV</b>	<b>SHEET 3 OF 3</b>