



**MTI Wireless Edge Ltd.**  
רח' המלאכה 11 סארקן אפק, ראש העין 48091  
11 Hamelacha St., Afek Industrial Park, Rosh Ha'ayin 48091, Israel  
טל: 972-3-9025050, פקס: 972-3-9025051  
www.mti-group.co.il

Airspan Networks (Israel) Ltd.

FCC ID:PIDASMAX58

# **SPECIFICATION FOR MT -464008 /MV SUBSCRIBER ANTENNA 4.9- 5.875 GHz, 17 dBi**

THIS DOCUMENT AND THE INFORMATION CONTAINED IN IT ARE PROPRIETARY AND CONFIDENTIAL TO MTI. NO PERSON IS ALLOWED TO COPY REPRINT REPRODUCE OR PUBLISH ANY PART OF THIS DOCUMENT NOR DISCLOSE ITS CONTENTS TO OTHERS NOR MAKE ANY USE OF IT NOR ALLOW OR ASSIST OTHERS TO MAKE ANY USE OF IT, UNLESS BY THE PRIOR WRITTEN EXPRESS AUTHORIZATION OF MTI AND THEN ONLY TO THE EXTENT AUTHORIZED.

(C) COPYRIGHT – MTI WIRELESS EDGE LTD.

<b>MTI WIRELESS EDGE LTD.</b>	<b>MT – 464008/MV</b>	<b>REV-</b>
<b>SCALE: NONE</b>	<b>DOC NO. RD41764000C</b>	<b>SHEET 1 OF 3</b>

REVISION RECORD				
REV	ECO	DESCRIPTION	APVD	DATE

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 checked="" type="checkbox"/> PROPOSAL	<input type="checkbox"/> IN DEVELOPMENT	<input type="checkbox"/> PREPRODUCTION	<input type="checkbox"/> PRODUCTION

CONTRACT NO			
ACTION	NAME	SIGN	DATE
PREP	Yael HRASH	Yael	23.11.05
CHKD	DOV FEINER		
CHKD			
CHKD			
DSGN	ASAF HAVIV		
PROJ	MOTI ROSTMY		
MFG			
QA	MOTI MOTOVICH		
MARK.	EFI AGMON		

MTI WIRELESS EDGE LTD.		SPECIFICATION FOR MT – 464008/MV SUBSCRIBER ANTENNA	
DOC NO. RD41764000C		4.9-5.875 GHz, 17 dBi	
SCALE: NONE	CLASSIFICATION: NONE	REV-	SHEET 2 OF 3

## SPECIFICATION

### FLAT PANEL SUBSCRIBER ANTENNA

<b>MTI PART NUMBER</b>	<b>MT- 464008/MV</b>
REGULATORY COMPLIANCE	ETSI EN 302 085 V1.1.2 (2001-02) RANGE 1
<b><u>1. ELECTRICAL</u></b>	
FREQUENCY RANGE	4.9 – 5.875 GHz
GAIN	4.9 – 5.15 GHz      17 dBi (min) 5.15 – 5.875 GHz    17.0 dBi (min)
VSWR	1.5 : 1 (typ) 1.7:1(max)
AZIMUTH BEAMWIDTH	9.5°(typ)
POLARIZATION	Linear Vertical
ELEVATION BEAMWIDTH	18° (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	6W (max)
LIGHTNING PROTECTION	DC Grounded
<b><u>2. MECHANICAL</u></b>	
DIMENSIONS (LxWxD)	PCB 270X150X0.8mm (max)
WEIGHT	0.1 kg (max)
CONNECTOR	MCX- Male
RADOME	Supply by customer
BASE PLATE	Supply by customer
OUTLINE DRAWING	TBD

<b>MTI WIRELESS EDGE LTD.</b>		<b>SPECIFICATION FOR MT – 464008/MV SUBSCRIBER ANTENNA</b>	
<b>DOC NO. RD41764000C</b>		<b>4.9-5.875 GHz, 17 dBi</b>	
<b>SCALE: NONE</b>	<b>CLASSIFICATION: NONE</b>	<b>REV-</b>	<b>SHEET 3 OF 3</b>