

Test Report #: SC104466

Test Area: Roof



Test Method FCC Part 15, Para 15.231(b)

Date: 23 May 2001

Customer: Minimed

Biconical: 738; Log: 738; Other: 251

EUT Model #: MMT 500 #908

Test Distance: 3 meters

EUT Mode: Transmit (shuts off before 5 sec.)

EUT Description: MMT 500

Tester: Alan Laudani

NOTES: Above 1 GHz: RBW & VBW 1 MHz for Pk; RBW 1 MHz and VBW 10 Hz for AVG. Quasi-Peak detector measurement below 1 GHz.

CF = Antenna Factor + Cable Loss - Preamplifier Gain + Preselector Loss

Duty Cycle - The peak emission in each case was determined to be under the average limit; therefore, no duty cycle calculation was required.

Freq. (MHz)	Vertical (dBμV)		Horizontal (dBμV)		CF (dB/ m)	Max Level (dBμVm)		Spec Level (dBμVm)		Margin (db)		EUT Rotat- ion	Ant. Hgt.	Notes
	av	pk	av	pk		av	pk	av	pk	av	pk			
418.05		44.7		40	21.1		65.8		80.28		-14.5	10	2.5	Noise floor Noise floor Noise floor Noise floor Noise floor Noise floor Noise floor Noise floor Noise floor Noise floor
836.13		28		20.6	29.7		57.7		60.28		-2.58	340	1	
1254.18	45.3				-12.1	33.2		80.28	60.28	-47.1				
1672.23	49.1				-9.1	40		80.28	60.28	-40.3				
2090.28	45.9		46.1		-6.4	39.7		80.28	60.28	-40.6				
2508.33	46		45.5		-4.5	41.5		80.28	60.28	-38.8				
2926.38	46.1		45.2		-3.1	43		80.28	60.28	-37.3				
3344.43	45.5		44.6		-1.6	43.9		80.28	60.28	-36.4				
3762.48	46.1		46.2		-0.3	45.9		80.28	60.28	-34.4				
4180.53	45		45.2		0.0	45.2		80.28	60.28	-35.1				

Model #	Prop #	Description	Manufacturer	Serial #	Cal Date
HP8566B	407	Spectrum Analyzer	Hewlett Packard	2311A02209	02/02
HP8445B	809	Automatic Preselector	Hewlett Packard	1442A01127	*
PreAmp 2-20 GHz	719	PreAmp	TUV PS	--	*
FF 6549-1	778	900 MHz High Pass Filter	Sage	007	*
3115	251	Antenna, Horn	Electro Mechanics Co.	2595	10/01
LPB2520/A	738	LPB	Antenna Research	1169	05/30/01

(*) Verified internally