

Radiated Emissions / Interference

Table: 1

av = average pk = peak	Company: Harmonix Model: Patch Array - SGM Job No.: J20013614 Date: 05/24/00 Standard: FCC Part 15, 15.255 Class: None Group: None Notes: RBW=1MHz, VBW=7MHz	Tested by: Michael Peters Location: Site 3C Detector: TEK 2784 Antenna: Mixer+Horn (33-20) PreAmp: None Cable(s): 1.5 m High Freq Distance: 3.000
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	Ant. Pol. (V/H)	Frequency MHz	Reading dB μ V/m	Antenna Factor dB	Cable Loss dB	Mixer Factor dB	Net dB μ V/m	Net μ W/cm ²
	MID Channel							
av pk	H	61380.090	61.4	40.945	0.8	23.0	126.1	1.092
	H	61380.090	64.7	40.9	0.8	23.0	129.4	2.334
	H	61224.630	34.6	40.9	0.8	23.0	99.3	0.002
	H	61069.160	34.2	40.9	0.8	23.0	98.9	0.002
	H	61516.500	-----	41.0	0.8	23.0		
	H	61540.000	37.6	41.0	0.8	23.0	102.4	0.005
	H	60913.450	26.0	40.9	0.8	23.0	90.7	0.000
	LOW Channel							
av pk	H	59162.060	63.7	40.6	0.8	22.0	127.1	1.368
	H	59162.060	67.9	40.6	0.8	22.0	131.3	3.599
	H	59010.000	34.8	40.6	0.8	22.0	98.2	0.002
	H	59321.000	35.6	40.6	0.8	23.0	99.0	0.002
	HIGH Channel							
av pk	H	63597.860	59.7	41.3	0.8	24.0	125.8	0.998
	H	63597.860	64.5	41.3	0.8	24.0	130.6	3.013
	H	63573.140	32.2	41.2	0.8	24.0	98.3	0.002
	H	63442.300	33.4	41.2	0.8	24.0	99.4	0.002
no emissions other than the fundamental were detected above 40GHz								

Radiated Emissions / Interference

Table: 2

av = average pk = peak	Company: Harmonix Model: Parabolic Antenna - SGM Job No.: J20013614 Date: 05/25/00 Standard: FCC Part 15, 15.255 Class: None Group: None Notes: RBW=1MHz, VBW=7MHz	Tested by: Michael Peters Location: Site 3C Detector: TEK 2784 Antenna: Mixer+Horn (33-20) PreAmp: None Cable(s): 1.5 m High Freq Distance: 3.000
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	Ant. Pol. (V/H)	Frequency MHz	Reading dB μ V/m	Antenna Factor dB	Cable Loss dB	Mixer Factor dB	Net dB μ V/m	Net μ W/cm ²
	HIGH Channel							
av	V	62024.000	-----	41.0	0.8	23.0		
	V	61842.220	68.8	41.0	0.8	23.0	133.6	6.090

pk	V	61842.220	73.0	41.0	0.8	23.0	137.8	16.019
	V	62464.100	45.0	41.1	0.8	23.0	109.9	0.026
	V	61220.100	45.4	40.9	0.8	23.0	110.1	0.027
	LOW Channel							
av pk	V	59845.700	70.5	40.7	0.8	22.0	134.0	6.701
	V	59845.700	74.5	40.7	0.8	22.0	138.0	16.736
	V	60467.560	50.0	40.8	0.8	22.0	113.6	0.061
	V	59223.350	48.8	40.6	0.8	22.0	112.2	0.044
no emissions other than the fundamental were detected above 40GHz								

00)GHz

Frequency
meters

Limit μW/cm ²	Pass/ Fail
9.0	
18.0	Pass
9.0	Pass
9.0	Pass
9.0	Pass
9.0	Pass
9.0	Pass
9.0	Pass
9.0	Pass
18.0	Pass
9.0	Pass
9.0	Pass
9.0	Pass
18.0	Pass
9.0	Pass
9.0	Pass

00)GHz

Frequency
meters

Limit μW/cm ²	Pass/ Fail
9.0	Pass

18.0	Pass
9.0	Pass
9.0	Pass
9.0	Pass
18.0	Pass
9.0	Pass
9.0	Pass