

Peak Output Power Measurement

Table: 1A

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**

av = average
 pk = peak

av
 pk

Ant. Pol. (V/H)	Frequency MHz	Reading dB μ V/m	PSD Net μ W/cm ²	Antenna Gain dBi	FCC Pt mW	HXI Pt mW	Limit mW
MID Channel							
H	61380.090	61.4	1.092	29.0	19.5	1.6	500.0
H	61380.090	64.7	2.334	29.0	41.8	3.3	500.0
H	61224.630	34.6	0.002	29.0	0.0	0.0	500.0
H	61069.160	34.2	0.002	29.0	0.0	0.0	500.0
H	61516.500	-----		29.0			500.0
H	61540.000	37.6	0.005	29.0	0.1	0.0	500.0
H	60913.450	26.0	0.000	29.0	0.0	0.0	500.0
LOW Channel							
H	59162.060	63.7	1.368	29.0	24.5	1.9	500.0
H	59162.060	67.9	3.599	29.0	64.4	5.1	500.0
H	59010.000	34.8	0.002	29.0	0.0	0.0	500.0
H	59321.000	35.6	0.002	29.0	0.0	0.0	500.0
HIGH Channel							
H	63597.860	59.7	0.998	29.0	17.9	1.4	500.0
H	63597.860	64.5	3.013	29.0	53.9	4.3	500.0
H	63573.140	32.2	0.002	29.0	0.0	0.0	500.0
H	63442.300	33.4	0.002	29.0	0.0	0.0	500.0

no emissions other than the fundamental were detected above 40GHz

Peak Output Power Measurement

Table: 2A

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**

av = average
 pk = peak

Ant. Pol. (V/H)	Frequency MHz	Reading dB μ V/m	PSD Net μ W/cm ²	Antenna Gain dBi	FCC Pt mW	HXI Pt mW	Limit mW
HIGH Channel							
V	62024.000	-----					

av
pk

V	61842.220	68.8	6.090	40.0	8.7	0.7	500.0
V	61842.220	73.0	16.019	40.0	22.8	1.8	500.0
V	62464.100	45.0	0.026	40.0	0.0	0.0	500.0
V	61220.100	45.4	0.027	40.0	0.0	0.0	500.0
LOW Channel							
V	59845.700	70.5	6.701	40.0	9.5	0.8	500.0
V	59845.700	74.5	16.736	40.0	23.8	1.9	500.0
V	60467.560	50.0	0.061	40.0	0.1	0.0	500.0
V	59223.350	48.8	0.044	40.0	0.1	0.0	500.0

av
pk

no emissions other than the fundamental were detected above 40GHz

00)GHz

ency
meters

Pass/ Fail
Pass
Pass
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Pass/ Fail

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