

S = Maximum power density (mW/cm2)
P = Power input to the antenna (mW)
G = Numeric power gain of the antenna
R = Distance to the center of the radiation of the antenna
EIRP = Equivalent Isotropic Radiated Power(mW) (=P*G)

Frequency range (MHz)			Electric Field strength (V/m)	Magnetic field strength (A/m)	Power Density (mW/cm2)	Averageing time (minutes)
0.3	~	1.34	614	1.63	*100	30
1.34	~	30	824 / f	2.19 / f	*180 / f2	30
30	~	300	27.5	0.073	0.2	30
300	~	1,500			f / 1500	30
1,500	~	100,000			1	30

Model Name : **MV60001**

FCC ID : **2AF4SMV60001**

Separation distance (R) : **3.0 cm**

Modulation	Frequency (MHz)	Measured Maximum Average power	Tune-up tolerance (dB)	Max. Power with tune-up tolerance (P)		Antenna Gain (G)		Power Density (S)	Limit of Power Density (S)	Result
		(dBm)		(dBm)	(mW)	(dBi)	(numeric)	(mW/cm2)	(mW/cm2)	
SRD	5160	9.30	± 1.00	10.30	10.72	2.12	1.63	0.1544	1.00	PASS
	5205	8.47		9.47	8.85	2.12	1.63	0.1275	1.00	PASS
	5245	8.61		9.61	9.14	2.12	1.63	0.1317	1.00	PASS
	5730	11.41	± 1.00	12.41	17.42	1.98	1.58	0.2430	1.00	PASS
	5785	10.71		11.71	14.83	1.98	1.58	0.2068	1.00	PASS
	5845	11.38		12.38	17.30	1.98	1.58	0.2413	1.00	PASS
	5850	11.26	± 1.00	12.26	16.83	1.97	1.57	0.2342	1.00	PASS
	5860	11.22		12.22	16.67	1.97	1.57	0.2320	1.00	PASS
	5870	11.09		12.09	16.18	1.97	1.57	0.2252	1.00	PASS

The EUT will only be used with a separation of 3 centimeters or greater between the antenna and the body of the user.