

4.7 Radiated Emissions Test Result Data

Base Unit, 30 MHz to 25GHz, 3 meters

INDICATED			TABLE	ANTENNA		CORRECTION FACTOR			CORRECTED AMPLITUDE	FCC 15 SUBPART C	
Frequency MHz	Ampl. dBμV/m	Comments	Angle Degree	Height Meter	Polar H/ V	Antenna dBμV/m	Cable DB	Amp. dB	Corr. Ampl. dBμV/m	Limit dBμV/m	Margin dB
Low Frequency											
245.670	48.1	/	45	2.0	H	13.8	2.2	25	39.1	46.0	-6.9
375.020	43.7	/	90	2.5	H	15.3	2.4	25	36.4	46.0	-9.6
3310.830	39.0	AVE	45	2.5	H	30.3	4.0	30	43.3	54.0	-10.7
2400.592	81.7	AVE	30	1.8	V	28.1	3.4	30	83.1	94.0	-10.9
2400.592	81.1	AVE	180	1.0	H	28.1	3.3	30	82.6	94.0	-11.5
360.120	41.1	/	180	1.2	V	15.5	2.4	25	34.0	46.0	-12.0
960.010	37.2	/	300	2.0	H	23.5	4.3	25	40	54.0	-14.0
4801.120	31.8	AVE	120	1.5	V	32.5	4.9	30	39.2	54.0	-14.8
3310.830	33.8	AVE	0	1.8	V	30.3	4.0	30	38.1	54.0	-15.9
250.000	38.2	/	90	1.0	V	13.3	2.2	25	28.7	46.0	-17.3
3310.830	43.8	PEAK	45	2.5	H	30.3	4.0	30	48.1	74.0	-25.9
2400.590	86.5	PEAK	330	1.8	V	28.1	3.4	30	87.9	114.0	-26.1
3310.830	43.2	PEAK	0	1.8	V	30.3	4.0	30	47.5	74.0	-26.5
2400.592	84.2	PEAK	180	1.0	H	28.1	3.4	30	85.7	114.0	-28.4
4801.120	35.2	PEAK	120	1.5	V	32.5	4.9	30	42.6	74.0	-31.4
4801.120	32.9	PEAK	270	1.0	H	32.5	4.9	30	40.3	74.0	-33.7
4801.120	28.1	AVE	270	1.0	H	32.5	4.9	30	35.5	74.0	-38.5
High Frequency											
959.20	38.2	/	90	1.2	V	23.3	4.3	25	40.84	46.0	-5.16
2483.29	44.8	AVE	0	1.8	H	28.1	3.4	30	46.28	54.0	-7.72
124.19	47.2	/	180	1.2	V	11.7	1.6	25	35.47	43.5	-8.03
234.02	42.7	/	180	2	H	12.6	2.2	25	32.47	46.0	-13.53
4810.6	32.1	AVE	90	1.5	H	32.5	4.9	30	39.51	54.0	-14.49
120.08	40.6	/	0	2.5	H	11.7	1.6	25	28.87	43.5	-14.63
2405.315	77.7	AVE	30	2	H	28.1	3.4	30	79.12	94.0	-14.88
3316.8	34.7	AVE	120	2	V	30.3	4.0	30	38.98	54.0	-15.02
4810.6	31.3	AVE	0	1.8	V	32.5	4.9	30	38.71	54.0	-15.29
140.4	38.7	/	200	1.2	V	12.4	1.6	25	27.73	43.5	-15.77
2405.315	76.2	AVE	90	2	V	28.1	3.4	30	77.62	94.0	-16.38
234.01	39.8	/	200	1.5	V	12.6	2.2	25	29.57	46.0	-16.43
3316.8	30.1	AVE	330	1.2	H	30.3	4.0	30	34.41	54.0	-19.59
2487.29	52.3	PEAK	0	1.8	H	28.1	3.4	30	53.78	74.0	-20.22
3316.8	41.2	PEAK	120	2	V	30.3	4.0	30	45.48	74.0	-28.52
4810.6	38.0	PEAK	0	1.8	V	32.5	4.9	30	45.41	74.0	-28.59
4810.6	37.8	PEAK	90	1.5	H	32.5	4.9	30	45.24	74.0	-28.76
3316.8	38.0	PEAK	330	1.2	H	30.3	4.0	30	42.31	74.0	-31.69
2405.315	80.7	PEAK	30	2	H	28.1	3.4	30	82.12	114.0	-31.88
2405.32	79.2	PEAK	90	2	V	28.1	3.4	30	80.62	114.0	-33.38