

Channel 11, 802.11b



This is the hard copy of our bandedge measurement generated by our bandedge testing program. The plot shown above is the bandedge of channel 11.

1. The lobe right by the fundamental side is already 20dB below the highest emission level.
2. The emissions recorded in the restricted band is do comply with the Part 15.209(a) – as below

Radiated Emission					Corrected Amplitude		FCC Class B ( 3m )		
Frequency (MHz)	Ant. P.	Ant. H. (m)	Table ( ° )	Factors (dB)	(dBµV/m)		Limit (dBµV/m)		Margin (dB)
					Peak	Average	Peak	Ave.	
2480.21	Hor	1.00	77	3.43	44.65	---	74.00	53.96	-9.31
2480.02	Ver	1.00	164	3.43	53.68	47.99	74.00	53.96	-5.97
2483.50	Ver	1.00	55	3.45	41.76	---	74.00	53.96	-12.20
2496.52	Ver	1.00	29	3.49	42.60	---	74.00	53.96	-11.36
2500.37	Ver	1.00	306	3.50	42.99	---	74.00	53.96	-10.97
2524.10	Ver	1.00	52	3.53	42.82	---	74.00	53.96	-11.14
2538.73	Ver	1.00	241	3.55	43.70	---	74.00	53.96	-10.26

Channel 11, 802.11g



This is the hard copy of our bandedge measurement generated by our bandedge testing program. The plot shown above is the bandedge of channel 11.

1. The lobe right by the fundamental side is already 20dB below the highest emission level.
2. The emissions recorded in the restricted band is do comply with the Part 15.209(a) – as below

Radiated Emission					Corrected Amplitude		FCC Class B ( 3m )		
Frequency (MHz)	Ant. P.	Ant. H. (m)	Table ( ° )	Factors (dB)	(dBµV/m)		Limit (dBµV/m)		Margin (dB)
					Peak	Average	Peak	Ave.	
*2483.76	Hor	1.00	109	3.45	47.45	---	74.00	53.96	-6.51
*2487.99	Hor	1.00	34	3.46	43.46	---	74.00	53.96	-10.50
*2483.65	Ver	1.00	128	3.45	49.61	---	74.00	53.96	-4.35
*2499.51	Ver	1.00	152	3.50	47.00	---	74.00	53.96	-6.96