

Appendix A: Test Results of Wi-Fi 802.11 a/n/ac

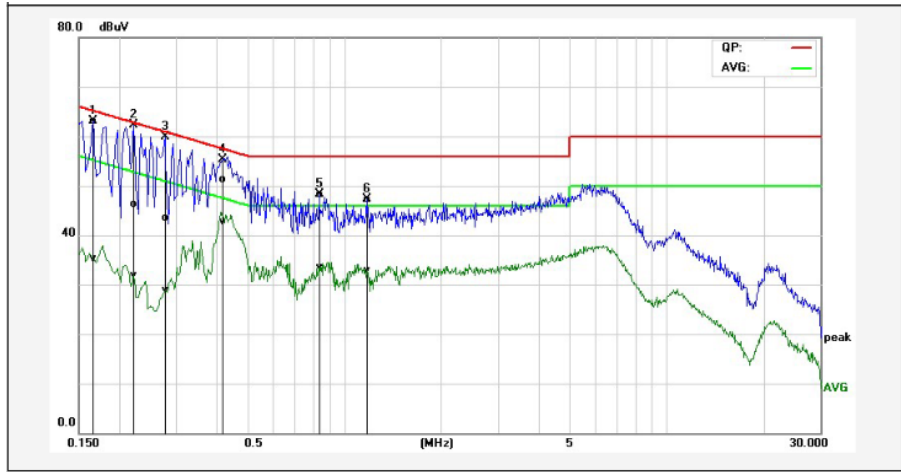
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Appendix A.1 Test Results of Conducted Emission on AC Mains

Test Mode:

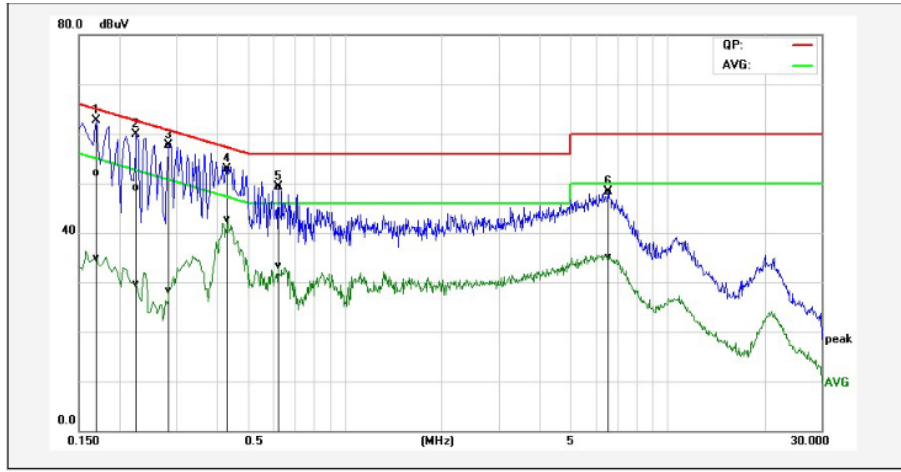
Mode25

L



No.	Frequency	QuasiPeak	Average	Correction	QuasiPeak	Average	QuasiPeak	Average	QuasiPeak	Average	Remark
	(MHz)	reading	reading	factor	result	result	limit	limit	margin	margin	
		(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1*	0.1660	52.27	25.56	9.80	62.07	35.36	65.15	55.16	-3.08	-19.80	Pass
2P	0.2220	36.65	22.41	9.59	46.24	32.00	62.74	52.74	-16.50	-20.74	Pass
3P	0.2779	33.86	19.33	9.58	43.44	28.91	60.88	50.88	-17.44	-21.97	Pass
4P	0.4140	41.70	33.20	9.54	51.24	42.74	57.57	47.57	-6.33	-4.83	Pass
5P	0.8380	38.70	23.94	9.61	48.31	33.55	56.00	46.00	-7.69	-12.45	Pass
6P	1.1740	37.56	23.29	9.69	47.25	32.98	56.00	46.00	-8.75	-13.02	Pass

N



No.	Frequency	QuasiPeak	Average	Correction	QuasiPeak	Average	QuasiPeak	Average	QuasiPeak	Average	Remark
	(MHz)	reading	reading	factor	result	result	limit	limit	margin	margin	
		(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1P	0.1700	42.42	25.22	9.60	52.02	34.82	64.96	54.96	-12.94	-20.14	Pass
2P	0.2260	39.42	20.07	9.59	49.01	29.66	62.59	52.60	-13.58	-22.94	Pass
3*	0.2860	47.89	18.67	9.58	57.47	28.25	60.64	50.64	-3.17	-22.39	Pass
4P	0.4340	43.29	33.24	9.53	52.82	42.77	57.18	47.18	-4.36	-4.41	Pass
5P	0.6220	39.66	23.75	9.57	49.23	33.32	56.00	46.00	-6.77	-12.68	Pass
6P	6.5780	38.74	25.48	9.62	48.36	35.10	60.00	50.00	-11.64	-14.90	Pass

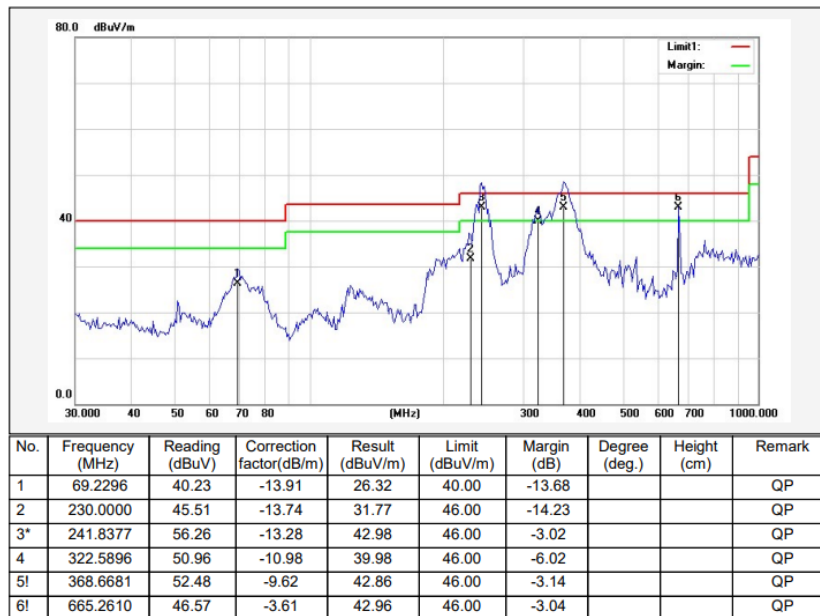
Appendix A.2 Test Results of Radiated Spurious Emission

Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported. All the data rate and configurations have been tested and only the worst case mode (802.11a, n(HT20) and ac(VHT20) reported.

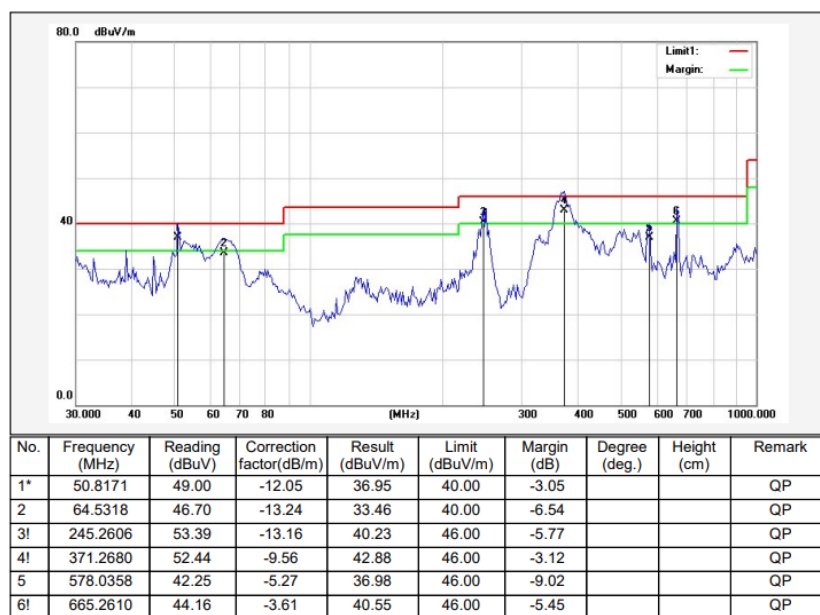
Below 1GHz:

Test Mode: Mode 8(worst mode)

Horizontal



Vertical



Above 1GHz:

Band I:

802.11 a-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1320.528	65.29	-24.55	40.74	68.20	-27.46	peak
2	1320.528	46.09	-24.55	21.54	54.00	-32.46	AVG
3	1774.361	63.83	-22.93	40.90	68.20	-27.30	peak
4	1774.361	45.49	-22.93	22.56	54.00	-31.44	AVG
5	2468.481	61.74	-19.94	41.80	68.20	-26.40	peak
6	2468.481	42.20	-19.94	22.26	54.00	-31.74	AVG
7	5151.196	60.30	-14.86	45.44	68.20	-22.76	peak
8	5151.196	40.80	-14.86	25.94	54.00	-28.06	AVG
9	12715.632	56.64	-2.72	53.92	68.20	-14.28	peak
10	12715.632	37.88	-2.72	35.16	54.00	-18.84	AVG
11	14612.070	54.42	-1.59	52.83	68.20	-15.37	peak
12	14612.070	34.30	-1.59	32.71	54.00	-21.29	AVG

802.11 a-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1328.199	65.79	-24.59	41.20	68.20	-27.00	peak
2	1328.199	47.28	-24.59	22.69	54.00	-31.31	AVG
3	2038.994	63.43	-21.13	42.30	68.20	-25.90	peak
4	2038.994	44.28	-21.13	23.15	54.00	-30.85	AVG
5	7419.751	57.00	-9.08	47.92	68.20	-20.28	peak
6	7419.751	38.71	-9.08	29.63	54.00	-24.37	AVG
7	9408.664	55.46	-6.22	49.24	68.20	-18.96	peak
8	9408.664	37.74	-6.22	31.52	54.00	-22.48	AVG
9	11930.719	54.68	-3.22	51.46	68.20	-16.74	peak
10	11930.719	34.48	-3.22	31.26	54.00	-22.74	AVG
11	13165.319	55.93	-2.80	53.13	68.20	-15.07	peak
12	13165.319	37.84	-2.80	35.04	54.00	-18.96	AVG

802.11 a-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1626.704	68.45	-27.79	40.66	68.20	-27.54	peak
2	1626.704	48.35	-27.79	20.56	54.00	-33.44	AVG
3	1992.294	67.62	-26.90	40.72	68.20	-27.48	peak
4	1992.294	49.05	-26.90	22.15	54.00	-31.85	AVG
5	7207.945	66.53	-18.05	48.48	68.20	-19.72	peak
6	7207.945	49.57	-18.05	31.52	54.00	-22.48	AVG
7	8879.167	65.81	-16.73	49.08	68.20	-19.12	peak
8	8879.167	48.25	-16.73	31.52	54.00	-22.48	AVG
9	11456.648	66.23	-15.70	50.53	68.20	-17.67	peak
10	11456.648	49.29	-15.70	33.59	54.00	-20.41	AVG
11	12715.632	67.33	-14.99	52.34	68.20	-15.86	peak
12	12715.632	50.85	-14.99	35.86	54.00	-18.14	AVG



802.11 a-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1246.212	66.86	-24.97	41.89	68.20	-26.31	peak
2	1246.212	48.62	-24.97	23.65	54.00	-30.35	AVG
3	5271.939	57.68	-14.51	43.17	68.20	-25.03	peak
4	5271.939	40.66	-14.51	26.15	54.00	-27.85	AVG
5	6128.798	57.79	-11.67	46.12	68.20	-22.08	peak
6	6128.798	40.30	-11.67	28.63	54.00	-25.37	AVG
7	7419.751	58.07	-9.08	48.99	68.20	-19.21	peak
8	7419.751	38.64	-9.08	29.56	54.00	-24.44	AVG
9	9408.664	55.64	-6.22	49.42	68.20	-18.78	peak
10	9408.664	37.74	-6.22	31.52	54.00	-22.48	AVG
11	12210.372	54.59	-3.32	51.27	68.20	-16.93	peak
12	12210.372	37.31	-3.32	33.99	54.00	-20.01	AVG

802.11 a-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3878.331	66.72	-23.64	43.08	68.20	-25.12	peak
2	3878.331	52.09	-23.64	28.45	54.00	-25.55	AVG
3	5885.269	66.27	-19.82	46.45	68.20	-21.75	peak
4	5885.269	48.45	-19.82	28.63	54.00	-25.37	AVG
5	7249.817	67.33	-17.90	49.43	68.20	-18.77	peak
6	7249.817	49.42	-17.90	31.52	54.00	-22.48	AVG
7	10085.905	65.78	-16.61	49.17	68.20	-19.03	peak
8	10085.905	48.46	-16.61	31.85	54.00	-22.15	AVG
9	12000.026	67.74	-14.50	53.24	68.20	-14.96	peak
10	12000.026	49.39	-14.50	34.89	54.00	-19.11	AVG
11	13165.319	68.15	-15.37	52.78	68.20	-15.42	peak
12	13165.319	49.93	-15.37	34.56	54.00	-19.44	AVG

802.11 a-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4946.511	65.45	-22.11	43.34	68.20	-24.86	peak
2	4946.511	48.41	-22.11	26.30	54.00	-27.70	AVG
3	7249.817	66.88	-17.90	48.98	68.20	-19.22	peak
4	7249.817	47.05	-17.90	29.15	54.00	-24.85	AVG
5	9087.293	65.82	-16.76	49.06	68.20	-19.14	peak
6	9087.293	48.28	-16.76	31.52	54.00	-22.48	AVG
7	9969.738	65.76	-16.44	49.32	68.20	-18.88	peak
8	9969.738	47.46	-16.44	31.02	54.00	-22.98	AVG
9	12069.735	66.35	-14.56	51.79	68.20	-16.41	peak
10	12069.735	48.52	-14.56	33.96	54.00	-20.04	AVG
11	12715.632	68.64	-14.99	53.65	68.20	-14.55	peak
12	12715.632	47.68	-14.99	32.69	54.00	-21.31	AVG



802.11 n20-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6802.299	64.50	-18.38	46.12	68.20	-22.08	peak
2	6802.299	48.01	-18.38	29.63	54.00	-24.37	AVG
3	8428.146	64.31	-17.08	47.23	68.20	-20.97	peak
4	8428.146	48.34	-17.08	31.26	54.00	-22.74	AVG
5	9518.294	64.92	-16.25	48.67	68.20	-19.53	peak
6	9518.294	46.51	-16.25	30.26	54.00	-23.74	AVG
7	10687.365	65.71	-16.63	49.08	68.20	-19.12	peak
8	10687.365	48.22	-16.63	31.59	54.00	-22.41	AVG
9	12715.632	67.21	-14.99	52.22	68.20	-15.98	peak
10	12715.632	49.24	-14.99	34.25	54.00	-19.75	AVG
11	13950.416	65.68	-14.74	50.94	68.20	-17.26	peak
12	13950.416	48.38	-14.74	33.64	54.00	-20.36	AVG

802.11 n20-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3811.519	67.08	-23.70	43.38	68.20	-24.82	peak
2	3811.519	49.66	-23.70	25.96	54.00	-28.04	AVG
3	7862.219	65.61	-17.39	48.22	68.20	-19.98	peak
4	7862.219	47.64	-17.39	30.25	54.00	-23.75	AVG
5	9629.202	64.23	-16.30	47.93	68.20	-20.27	peak
6	9629.202	45.93	-16.30	29.63	54.00	-24.37	AVG
7	10625.639	65.51	-16.56	48.95	68.20	-19.25	peak
8	10625.639	48.45	-16.56	31.89	54.00	-22.11	AVG
9	11930.719	65.81	-14.67	51.14	68.20	-17.06	peak
10	11930.719	48.17	-14.67	33.50	54.00	-20.50	AVG
11	14782.331	66.07	-14.72	51.35	68.20	-16.85	peak
12	14782.331	47.68	-14.72	32.96	54.00	-21.04	AVG

802.11 n20-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7207.945	66.03	-18.05	47.98	68.20	-20.22	peak
2	7207.945	47.66	-18.05	29.61	54.00	-24.39	AVG
3	8879.167	65.81	-16.73	49.08	68.20	-19.12	peak
4	8879.167	47.93	-16.73	31.20	54.00	-22.80	AVG
5	10687.365	66.79	-16.63	50.16	68.20	-18.04	peak
6	10687.365	48.89	-16.63	32.26	54.00	-21.74	AVG
7	11456.648	66.73	-15.70	51.03	68.20	-17.17	peak
8	11456.648	49.39	-15.70	33.69	54.00	-20.31	AVG
9	13396.092	66.49	-15.18	51.31	68.20	-16.89	peak
10	13396.092	48.83	-15.18	33.65	54.00	-20.35	AVG
11	14782.331	66.93	-14.72	52.21	68.20	-15.99	peak
12	14782.331	50.13	-14.72	35.41	54.00	-18.59	AVG



802.11 n20-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6763.011	64.22	-18.39	45.83	68.20	-28.17	peak
2	6763.011	47.34	-18.39	28.95	54.00	-25.05	AVG
3	8331.072	64.34	-17.13	47.21	68.20	-26.79	peak
4	8331.072	46.76	-17.13	29.63	54.00	-24.37	AVG
5	9912.157	65.15	-16.33	48.82	68.20	-25.18	peak
6	9912.157	46.48	-16.33	30.15	54.00	-23.85	AVG
7	12000.026	64.81	-14.50	50.31	68.20	-23.69	peak
8	12000.026	48.16	-14.50	33.66	54.00	-20.34	AVG
9	12715.632	66.65	-14.99	51.66	68.20	-22.34	peak
10	12715.632	48.68	-14.99	33.69	54.00	-20.31	AVG
11	14782.331	66.40	-14.72	51.68	68.20	-22.32	peak
12	14782.331	48.87	-14.72	34.15	54.00	-19.85	AVG

802.11 n20-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6345.543	65.44	-19.07	46.37	68.20	-22.37	peak
2	6345.543	48.02	-19.07	28.95	54.00	-25.05	AVG
3	7249.817	65.33	-17.90	47.43	68.20	-20.99	peak
4	7249.817	47.53	-17.90	29.63	54.00	-24.37	AVG
5	8982.627	65.25	-16.80	48.45	68.20	-19.38	peak
6	8982.627	47.06	-16.80	30.26	54.00	-23.85	AVG
7	9912.157	66.08	-16.33	49.75	68.20	-17.89	peak
8	9912.157	48.22	-16.33	31.89	54.00	-20.34	AVG
9	11456.648	66.75	-15.70	51.05	68.20	-16.54	peak
10	11456.648	48.96	-15.70	33.26	54.00	-20.31	AVG
11	14612.070	66.83	-14.56	52.27	68.20	-16.52	peak
12	14612.070	50.05	-14.56	35.49	54.00	-19.85	AVG

802.11 n20-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7249.817	66.88	-17.90	48.98	68.20	-19.22	peak
2	7249.817	49.16	-17.90	31.26	54.00	-22.74	AVG
3	8331.072	66.13	-17.13	49.00	68.20	-19.20	peak
4	8331.072	48.65	-17.13	31.52	54.00	-22.48	AVG
5	9969.738	65.76	-16.44	49.32	68.20	-18.88	peak
6	9969.738	48.92	-16.44	32.48	54.00	-21.52	AVG
7	10749.449	66.20	-16.65	49.55	68.20	-18.65	peak
8	10749.449	47.91	-16.65	31.26	54.00	-22.74	AVG
9	12715.632	68.64	-14.99	53.65	68.20	-14.55	peak
10	12715.632	49.55	-14.99	34.56	54.00	-19.44	AVG
11	14194.951	66.81	-14.59	52.22	68.20	-15.98	peak
12	14194.951	49.48	-14.59	34.89	54.00	-19.11	AVG



802.11 ac20-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7593.669	64.57	-17.64	46.93	68.20	-21.27	peak
2	7593.669	47.27	-17.64	29.63	54.00	-24.37	AVG
3	8331.072	64.48	-17.13	47.35	68.20	-20.85	peak
4	8331.072	48.75	-17.13	31.62	54.00	-22.38	AVG
5	8930.747	65.21	-16.75	48.46	68.20	-19.74	peak
6	8930.747	47.27	-16.75	30.52	54.00	-23.48	AVG
7	11129.603	65.99	-16.44	49.55	68.20	-18.65	peak
8	11129.603	48.03	-16.44	31.59	54.00	-22.41	AVG
9	12715.632	67.91	-14.99	52.92	68.20	-15.28	peak
10	12715.632	49.74	-14.99	34.75	54.00	-19.25	AVG
11	14612.070	66.89	-14.56	52.33	68.20	-15.87	peak
12	14612.070	50.04	-14.56	35.48	54.00	-18.52	AVG

802.11 ac20-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7419.751	65.69	-17.77	47.92	68.20	-20.28	peak
2	7419.751	48.79	-17.77	31.02	54.00	-22.98	AVG
3	8827.884	65.89	-16.82	49.07	68.20	-19.13	peak
4	8827.884	48.34	-16.82	31.52	54.00	-22.48	AVG
5	10687.365	65.87	-16.63	49.24	68.20	-18.96	peak
6	10687.365	48.15	-16.63	31.52	54.00	-22.48	AVG
7	11523.201	65.70	-15.52	50.18	68.20	-18.02	peak
8	11523.201	48.08	-15.52	32.56	54.00	-21.44	AVG
9	13165.319	68.50	-15.37	53.13	68.20	-15.07	peak
10	13165.319	51.33	-15.37	35.96	54.00	-18.04	AVG
11	16217.807	67.43	-14.89	52.54	68.20	-15.66	peak
12	16217.807	50.78	-14.89	35.89	54.00	-18.11	AVG

802.11 ac20-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7207.945	67.03	-18.05	48.98	68.20	-19.22	peak
2	7207.945	48.57	-18.05	30.52	54.00	-23.48	AVG
3	8879.167	65.81	-16.73	49.08	68.20	-19.12	peak
4	8879.167	47.99	-16.73	31.26	54.00	-22.74	AVG
5	10687.365	66.29	-16.63	49.66	68.20	-18.54	peak
6	10687.365	48.19	-16.63	31.56	54.00	-22.44	AVG
7	12000.026	65.73	-14.50	51.23	68.20	-16.97	peak
8	12000.026	48.02	-14.50	33.52	54.00	-20.48	AVG
9	12715.632	68.33	-14.99	53.34	68.20	-14.86	peak
10	12715.632	49.84	-14.99	34.85	54.00	-19.15	AVG
11	13396.092	67.99	-15.18	52.81	68.20	-15.39	peak
12	13396.092	50.66	-15.18	35.48	54.00	-18.52	AVG



802.11 ac20-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6763.011	65.72	-18.39	47.33	68.20	-20.87	peak
2	6763.011	49.65	-18.39	31.26	54.00	-22.74	AVG
3	7419.751	66.76	-17.77	48.99	68.20	-19.21	peak
4	7419.751	49.92	-17.77	32.15	54.00	-21.85	AVG
5	9408.664	65.68	-16.26	49.42	68.20	-18.78	peak
6	9408.664	47.71	-16.26	31.45	54.00	-22.55	AVG
7	11456.648	65.82	-15.70	50.12	68.20	-18.08	peak
8	11456.648	48.35	-15.70	32.65	54.00	-21.35	AVG
9	12715.632	66.65	-14.99	51.66	68.20	-16.54	peak
10	12715.632	48.51	-14.99	33.52	54.00	-20.48	AVG
11	14782.331	67.40	-14.72	52.68	68.20	-15.52	peak
12	14782.331	50.13	-14.72	35.41	54.00	-18.59	AVG

802.11 ac20-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7249.817	67.33	-17.90	49.43	68.20	-18.77	peak
2	7249.817	49.42	-17.90	31.52	54.00	-22.48	AVG
3	8982.627	65.25	-16.80	48.45	68.20	-19.75	peak
4	8982.627	47.82	-16.80	31.02	54.00	-22.98	AVG
5	9969.738	65.48	-16.44	49.04	68.20	-19.16	peak
6	9969.738	47.92	-16.44	31.48	54.00	-22.52	AVG
7	12000.026	66.24	-14.50	51.74	68.20	-16.46	peak
8	12000.026	47.79	-14.50	33.29	54.00	-20.71	AVG
9	13165.319	68.15	-15.37	52.78	68.20	-15.42	peak
10	13165.319	50.78	-15.37	35.41	54.00	-18.59	AVG
11	14612.070	67.33	-14.56	52.77	68.20	-15.43	peak
12	14612.070	49.82	-14.56	35.26	54.00	-18.74	AVG

802.11 ac20-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7249.817	66.88	-17.90	48.98	68.20	-19.22	peak
2	7249.817	49.42	-17.90	31.52	54.00	-22.48	AVG
3	8879.167	65.73	-16.73	49.00	68.20	-19.20	peak
4	8879.167	48.25	-16.73	31.52	54.00	-22.48	AVG
5	9969.738	65.76	-16.44	49.32	68.20	-18.88	peak
6	9969.738	48.19	-16.44	31.75	54.00	-22.25	AVG
7	11523.201	66.74	-15.52	51.22	68.20	-16.98	peak
8	11523.201	48.78	-15.52	33.26	54.00	-20.74	AVG
9	12715.632	68.64	-14.99	53.65	68.20	-14.55	peak
10	12715.632	46.45	-14.99	31.46	54.00	-22.54	AVG
11	14194.951	66.81	-14.59	52.22	68.20	-15.98	peak
12	14194.951	50.00	-14.59	35.41	54.00	-18.59	AVG

Band II:

802.11 a-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7419.751	66.05	-17.77	48.28	68.20	-19.92	peak
2	7419.751	48.02	-17.77	30.25	54.00	-23.75	AVG
3	9193.178	65.51	-16.59	48.92	68.20	-19.28	peak
4	9193.178	47.21	-16.59	30.62	54.00	-23.38	AVG
5	9969.738	65.61	-16.44	49.17	68.20	-19.03	peak
6	9969.738	48.02	-16.44	31.58	54.00	-22.42	AVG
7	11930.719	66.20	-14.67	51.53	68.20	-16.67	peak
8	11930.719	48.52	-14.67	33.85	54.00	-20.15	AVG
9	12715.632	67.89	-14.99	52.90	68.20	-15.30	peak
10	12715.632	49.61	-14.99	34.62	54.00	-19.38	AVG
11	14868.203	68.28	-14.64	53.64	68.20	-14.56	peak
12	14868.203	50.60	-14.64	35.96	54.00	-18.04	AVG

802.11 a-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2646.164	68.72	-25.67	43.05	68.20	-25.15	peak
2	2646.164	53.70	-25.67	28.03	54.00	-25.97	AVG
3	6763.011	64.01	-18.39	45.62	68.20	-22.58	peak
4	6763.011	46.34	-18.39	27.95	54.00	-26.05	AVG
5	8000.034	64.56	-17.20	47.36	68.20	-20.84	peak
6	8000.034	46.83	-17.20	29.63	54.00	-24.37	AVG
7	9408.664	65.78	-16.26	49.52	68.20	-18.68	peak
8	9408.664	47.28	-16.26	31.02	54.00	-22.98	AVG
9	12000.026	66.50	-14.50	52.00	68.20	-16.20	peak
10	12000.026	49.96	-14.50	35.46	54.00	-18.54	AVG
11	12715.632	68.44	-14.99	53.45	68.20	-14.75	peak
12	12715.632	49.51	-14.99	34.52	54.00	-19.48	AVG

802.11 a-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6345.543	63.92	-19.07	44.85	68.20	-23.35	peak
2	6345.543	48.70	-19.07	29.63	54.00	-24.37	AVG
3	7419.751	64.87	-17.77	47.10	68.20	-21.10	peak
4	7419.751	46.92	-17.77	29.15	54.00	-24.85	AVG
5	9408.664	65.46	-16.26	49.20	68.20	-19.00	peak
6	9408.664	47.78	-16.26	31.52	54.00	-22.48	AVG
7	11523.201	66.19	-15.52	50.67	68.20	-17.53	peak
8	11523.201	47.67	-15.52	32.15	54.00	-21.85	AVG
9	12715.632	67.71	-14.99	52.72	68.20	-15.48	peak
10	12715.632	48.51	-14.99	33.52	54.00	-20.48	AVG
11	14782.331	67.13	-14.72	52.41	68.20	-15.79	peak
12	14782.331	50.56	-14.72	35.84	54.00	-18.16	AVG



802.11 a-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6128.798	57.23	-11.67	45.56	68.20	-22.64	peak
2	6128.798	39.12	-11.67	27.45	54.00	-26.55	AVG
3	7249.817	56.26	-9.55	46.71	68.20	-21.49	peak
4	7249.817	38.18	-9.55	28.63	54.00	-25.37	AVG
5	8879.167	56.67	-7.81	48.86	68.20	-19.34	peak
6	8879.167	38.83	-7.81	31.02	54.00	-22.98	AVG
7	10625.639	55.07	-5.62	49.45	68.20	-18.75	peak
8	10625.639	36.82	-5.62	31.20	54.00	-22.80	AVG
9	12715.632	54.54	-2.72	51.82	68.20	-16.38	peak
10	12715.632	36.68	-2.72	33.96	54.00	-20.04	AVG
11	14194.951	53.06	-1.12	51.94	68.20	-16.26	peak
12	14194.951	34.38	-1.12	33.26	54.00	-20.74	AVG

802.11 a-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4975.246	66.69	-22.10	44.59	68.20	-23.61	peak
2	4975.246	48.69	-22.10	26.59	54.00	-27.41	AVG
3	7207.945	65.53	-18.05	47.48	68.20	-20.72	peak
4	7207.945	49.07	-18.05	31.02	54.00	-22.98	AVG
5	8879.167	65.31	-16.73	48.58	68.20	-19.62	peak
6	8879.167	46.06	-16.73	29.33	54.00	-24.67	AVG
7	10687.365	64.79	-16.63	48.16	68.20	-20.04	peak
8	10687.365	46.85	-16.63	30.22	54.00	-23.78	AVG
9	12715.632	67.83	-14.99	52.84	68.20	-15.36	peak
10	12715.632	48.54	-14.99	33.55	54.00	-20.45	AVG
11	14782.331	66.43	-14.72	51.71	68.20	-16.49	peak
12	14782.331	48.71	-14.72	33.99	54.00	-20.01	AVG

802.11 a-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6763.011	66.22	-18.39	47.83	68.20	-20.37	peak
2	6763.011	48.02	-18.39	29.63	54.00	-24.37	AVG
3	7419.751	66.76	-17.77	48.99	68.20	-19.21	peak
4	7419.751	48.97	-17.77	31.20	54.00	-22.80	AVG
5	9087.293	65.83	-16.76	49.07	68.20	-19.13	peak
6	9087.293	48.28	-16.76	31.52	54.00	-22.48	AVG
7	9912.157	64.65	-16.33	48.32	68.20	-19.88	peak
8	9912.157	47.89	-16.33	31.56	54.00	-22.44	AVG
9	12715.632	67.65	-14.99	52.66	68.20	-15.54	peak
10	12715.632	49.14	-14.99	34.15	54.00	-19.85	AVG
11	14782.331	66.40	-14.72	51.68	68.20	-16.52	peak
12	14782.331	48.68	-14.72	33.96	54.00	-20.04	AVG



802.11 n20-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7419.751	66.05	-17.77	48.28	68.20	-19.92	peak
2	7419.751	47.92	-17.77	30.15	54.00	-23.85	AVG
3	9193.178	66.01	-16.59	49.42	68.20	-18.78	peak
4	9193.178	48.18	-16.59	31.59	54.00	-22.41	AVG
5	9969.738	66.11	-16.44	49.67	68.20	-18.53	peak
6	9969.738	48.59	-16.44	32.15	54.00	-21.85	AVG
7	11930.719	66.70	-14.67	52.03	68.20	-16.17	peak
8	11930.719	49.19	-14.67	34.52	54.00	-19.48	AVG
9	12715.632	67.89	-14.99	52.90	68.20	-15.30	peak
10	12715.632	49.51	-14.99	34.52	54.00	-19.48	AVG
11	14868.203	67.28	-14.64	52.64	68.20	-15.56	peak
12	14868.203	51.23	-14.64	36.59	54.00	-17.41	AVG

802.11 n20-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6236.229	64.05	-19.24	44.81	68.20	-23.39	peak
2	6236.229	46.83	-19.24	27.59	54.00	-26.41	AVG
3	8000.034	65.56	-17.20	48.36	68.20	-19.84	peak
4	8000.034	47.72	-17.20	30.52	54.00	-23.48	AVG
5	8879.167	66.57	-16.73	49.84	68.20	-18.36	peak
6	8879.167	47.93	-16.73	31.20	54.00	-22.80	AVG
7	9408.664	66.28	-16.26	50.02	68.20	-18.18	peak
8	9408.664	48.42	-16.26	32.16	54.00	-21.84	AVG
9	12000.026	66.50	-14.50	52.00	68.20	-16.20	peak
10	12000.026	50.12	-14.50	35.62	54.00	-18.38	AVG
11	12715.632	68.44	-14.99	53.45	68.20	-14.75	peak
12	12715.632	49.51	-14.99	34.52	54.00	-19.48	AVG

802.11 n20-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7419.751	64.37	-17.77	46.60	68.20	-21.60	peak
2	7419.751	46.28	-17.77	28.51	54.00	-25.49	AVG
3	9518.294	64.92	-16.25	48.67	68.20	-19.53	peak
4	9518.294	46.37	-16.25	30.12	54.00	-23.88	AVG
5	10203.426	65.01	-16.64	48.37	68.20	-19.83	peak
6	10203.426	47.90	-16.64	31.26	54.00	-22.74	AVG
7	11523.201	65.19	-15.52	49.67	68.20	-18.53	peak
8	11523.201	48.36	-15.52	32.84	54.00	-21.16	AVG
9	12715.632	66.71	-14.99	51.72	68.20	-16.48	peak
10	12715.632	48.62	-14.99	33.63	54.00	-20.37	AVG
11	13950.416	66.18	-14.74	51.44	68.20	-16.76	peak
12	13950.416	48.70	-14.74	33.96	54.00	-20.04	AVG



802.11 n20-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6646.506	65.42	-18.65	46.77	68.20	-21.43	peak
2	6646.506	48.27	-18.65	29.62	54.00	-24.38	AVG
3	7249.817	65.61	-17.90	47.71	68.20	-20.49	peak
4	7249.817	47.53	-17.90	29.63	54.00	-24.37	AVG
5	8879.167	66.09	-16.73	49.36	68.20	-18.84	peak
6	8879.167	48.28	-16.73	31.55	54.00	-22.45	AVG
7	9629.202	65.23	-16.30	48.93	68.20	-19.27	peak
8	9629.202	47.92	-16.30	31.62	54.00	-22.38	AVG
9	11930.719	65.31	-14.67	50.64	68.20	-17.56	peak
10	11930.719	48.25	-14.67	33.58	54.00	-20.42	AVG
11	12715.632	65.81	-14.99	50.82	68.20	-17.38	peak
12	12715.632	47.53	-14.99	32.54	54.00	-21.46	AVG

802.11 n20-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7207.945	67.03	-18.05	48.98	68.20	-19.22	peak
2	7207.945	48.57	-18.05	30.52	54.00	-23.48	AVG
3	8879.167	65.81	-16.73	49.08	68.20	-19.12	peak
4	8879.167	48.35	-16.73	31.62	54.00	-22.38	AVG
5	9969.738	65.54	-16.44	49.10	68.20	-19.10	peak
6	9969.738	49.29	-16.44	32.85	54.00	-21.15	AVG
7	11456.648	65.73	-15.70	50.03	68.20	-18.17	peak
8	11456.648	48.11	-15.70	32.41	54.00	-21.59	AVG
9	12715.632	67.33	-14.99	52.34	68.20	-15.86	peak
10	12715.632	47.95	-14.99	32.96	54.00	-21.04	AVG
11	14782.331	66.93	-14.72	52.21	68.20	-15.99	peak
12	14782.331	50.18	-14.72	35.46	54.00	-18.54	AVG

802.11 n20-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6763.011	65.22	-18.39	46.83	68.20	-21.37	peak
2	6763.011	47.35	-18.39	28.96	54.00	-25.04	AVG
3	7419.751	66.26	-17.77	48.49	68.20	-19.71	peak
4	7419.751	48.03	-17.77	30.26	54.00	-23.74	AVG
5	9408.664	65.68	-16.26	49.42	68.20	-18.78	peak
6	9408.664	47.78	-16.26	31.52	54.00	-22.48	AVG
7	11456.648	64.82	-15.70	49.12	68.20	-19.08	peak
8	11456.648	47.22	-15.70	31.52	54.00	-22.48	AVG
9	12715.632	67.15	-14.99	52.16	68.20	-16.04	peak
10	12715.632	49.58	-14.99	34.59	54.00	-19.41	AVG
11	14782.331	66.90	-14.72	52.18	68.20	-16.02	peak
12	14782.331	49.57	-14.72	34.85	54.00	-19.15	AVG



802.11 ac20-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7419.751	66.05	-17.77	48.28	68.20	-19.92	peak
2	7419.751	48.97	-17.77	31.20	54.00	-22.80	AVG
3	9193.178	65.51	-16.59	48.92	68.20	-19.28	peak
4	9193.178	47.11	-16.59	30.52	54.00	-23.48	AVG
5	9629.202	65.21	-16.30	48.91	68.20	-19.29	peak
6	9629.202	46.95	-16.30	30.65	54.00	-23.35	AVG
7	11930.719	65.70	-14.67	51.03	68.20	-17.17	peak
8	11930.719	47.82	-14.67	33.15	54.00	-20.85	AVG
9	12715.632	66.39	-14.99	51.40	68.20	-16.80	peak
10	12715.632	49.84	-14.99	34.85	54.00	-19.15	AVG
11	14868.203	67.28	-14.64	52.64	68.20	-15.56	peak
12	14868.203	49.22	-14.64	34.58	54.00	-19.42	AVG

802.11 ac20-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8000.034	65.56	-17.20	48.36	68.20	-19.84	peak
2	8000.034	47.46	-17.20	30.26	54.00	-23.74	AVG
3	9408.664	66.28	-16.26	50.02	68.20	-18.18	peak
4	9408.664	48.41	-16.26	32.15	54.00	-21.85	AVG
5	11523.201	65.19	-15.52	49.67	68.20	-18.53	peak
6	11523.201	47.04	-15.52	31.52	54.00	-22.48	AVG
7	12715.632	67.94	-14.99	52.95	68.20	-15.25	peak
8	12715.632	49.51	-14.99	34.52	54.00	-19.48	AVG
9	14782.331	67.06	-14.72	52.34	68.20	-15.86	peak
10	14782.331	50.36	-14.72	35.64	54.00	-18.36	AVG
11	15394.016	67.77	-15.09	52.68	68.20	-15.52	peak
12	15394.016	49.34	-15.09	34.25	54.00	-19.75	AVG

802.11 ac20-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6345.543	64.92	-19.07	45.85	68.20	-22.35	peak
2	6345.543	47.48	-19.07	28.41	54.00	-25.59	AVG
3	7637.782	65.11	-17.66	47.45	68.20	-20.75	peak
4	7637.782	47.81	-17.66	30.15	54.00	-23.85	AVG
5	9408.664	64.96	-16.26	48.70	68.20	-19.50	peak
6	9408.664	47.78	-16.26	31.52	54.00	-22.48	AVG
7	11523.201	64.69	-15.52	49.17	68.20	-19.03	peak
8	11523.201	47.67	-15.52	32.15	54.00	-21.85	AVG
9	12715.632	66.71	-14.99	51.72	68.20	-16.48	peak
10	12715.632	48.54	-14.99	33.55	54.00	-20.45	AVG
11	14782.331	66.63	-14.72	51.91	68.20	-16.29	peak
12	14782.331	48.72	-14.72	34.00	54.00	-20.00	AVG

802.11 ac20-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7249.817	65.11	-17.90	47.21	68.20	-20.99	peak
2	7249.817	47.20	-17.90	29.30	54.00	-24.70	AVG
3	8879.167	66.09	-16.73	49.36	68.20	-18.84	peak
4	8879.167	48.25	-16.73	31.52	54.00	-22.48	AVG
5	10625.639	66.51	-16.56	49.95	68.20	-18.25	peak
6	10625.639	48.15	-16.56	31.59	54.00	-22.41	AVG
7	11930.719	66.31	-14.67	51.64	68.20	-16.56	peak
8	11930.719	47.93	-14.67	33.26	54.00	-20.74	AVG
9	14194.951	66.03	-14.59	51.44	68.20	-16.76	peak
10	14194.951	48.10	-14.59	33.51	54.00	-20.49	AVG
11	16217.807	67.17	-14.89	52.28	68.20	-15.92	peak
12	16217.807	50.37	-14.89	35.48	54.00	-18.52	AVG

802.11 ac20-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7207.945	67.53	-18.05	49.48	68.20	-18.72	peak
2	7207.945	49.25	-18.05	31.20	54.00	-22.80	AVG
3	8879.167	65.81	-16.73	49.08	68.20	-19.12	peak
4	8879.167	48.25	-16.73	31.52	54.00	-22.48	AVG
5	10687.365	66.29	-16.63	49.66	68.20	-18.54	peak
6	10687.365	47.88	-16.63	31.25	54.00	-22.75	AVG
7	11456.648	66.23	-15.70	50.53	68.20	-17.67	peak
8	11456.648	49.60	-15.70	33.90	54.00	-20.10	AVG
9	13396.092	67.49	-15.18	52.31	68.20	-15.89	peak
10	13396.092	49.96	-15.18	34.78	54.00	-19.22	AVG
11	14782.331	66.43	-14.72	51.71	68.20	-16.49	peak
12	14782.331	49.57	-14.72	34.85	54.00	-19.15	AVG

802.11 ac20-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6128.798	66.01	-19.39	46.62	68.20	-21.58	peak
2	6128.798	49.02	-19.39	29.63	54.00	-24.37	AVG
3	6763.011	65.72	-18.39	47.33	68.20	-20.87	peak
4	6763.011	48.02	-18.39	29.63	54.00	-24.37	AVG
5	7419.751	66.76	-17.77	48.99	68.20	-19.21	peak
6	7419.751	48.29	-17.77	30.52	54.00	-23.48	AVG
7	9408.664	66.68	-16.26	50.42	68.20	-17.78	peak
8	9408.664	48.41	-16.26	32.15	54.00	-21.85	AVG
9	12715.632	67.65	-14.99	52.66	68.20	-15.54	peak
10	12715.632	49.01	-14.99	34.02	54.00	-19.98	AVG
11	14782.331	66.90	-14.72	52.18	68.20	-16.02	peak
12	14782.331	50.20	-14.72	35.48	54.00	-18.52	AVG

**Band III:**

802.11 a-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5885.269	64.27	-19.82	44.45	68.20	-23.75	peak
2	5885.269	46.17	-19.82	26.35	54.00	-27.65	AVG
3	8982.627	64.75	-16.80	47.95	68.20	-20.25	peak
4	8982.627	46.43	-16.80	29.63	54.00	-24.37	AVG
5	9969.738	64.48	-16.44	48.04	68.20	-20.16	peak
6	9969.738	46.65	-16.44	30.21	54.00	-23.79	AVG
7	12000.026	65.24	-14.50	50.74	68.20	-17.46	peak
8	12000.026	46.65	-14.50	32.15	54.00	-21.85	AVG
9	13630.910	65.95	-15.10	50.85	68.20	-17.35	peak
10	13630.910	48.76	-15.10	33.66	54.00	-20.34	AVG
11	14612.070	66.83	-14.56	52.27	68.20	-15.93	peak
12	14612.070	48.89	-14.56	34.33	54.00	-19.67	AVG

802.11 a-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5885.269	64.92	-19.82	45.10	68.20	-23.10	peak
2	5885.269	48.97	-19.82	29.15	54.00	-24.85	AVG
3	7249.817	65.88	-17.90	47.98	68.20	-20.22	peak
4	7249.817	47.53	-17.90	29.63	54.00	-24.37	AVG
5	9193.178	65.72	-16.59	49.13	68.20	-19.07	peak
6	9193.178	47.85	-16.59	31.26	54.00	-22.74	AVG
7	10687.365	67.09	-16.63	50.46	68.20	-17.74	peak
8	10687.365	48.15	-16.63	31.52	54.00	-22.48	AVG
9	12715.632	68.14	-14.99	53.15	68.20	-15.05	peak
10	12715.632	49.57	-14.99	34.58	54.00	-19.42	AVG
11	14194.951	66.31	-14.59	51.72	68.20	-16.48	peak
12	14194.951	49.15	-14.59	34.56	54.00	-19.44	AVG

802.11 a-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3878.331	66.91	-23.64	43.27	68.20	-24.93	peak
2	3878.331	49.27	-23.64	25.63	54.00	-28.37	AVG
3	7771.663	65.37	-17.57	47.80	68.20	-20.40	peak
4	7771.663	47.20	-17.57	29.63	54.00	-24.37	AVG
5	9193.178	65.51	-16.59	48.92	68.20	-19.28	peak
6	9193.178	46.80	-16.59	30.21	54.00	-23.79	AVG
7	10203.426	65.65	-16.64	49.01	68.20	-19.19	peak
8	10203.426	48.16	-16.64	31.52	54.00	-22.48	AVG
9	12715.632	66.89	-14.99	51.90	68.20	-16.30	peak
10	12715.632	48.68	-14.99	33.69	54.00	-20.31	AVG
11	14868.203	65.78	-14.64	51.14	68.20	-17.06	peak
12	14868.203	47.79	-14.64	33.15	54.00	-20.85	AVG



802.11 a-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6236.229	64.55	-19.24	45.31	68.20	-22.89	peak
2	6236.229	48.21	-19.24	28.97	54.00	-25.03	AVG
3	7419.751	64.40	-17.77	46.63	68.20	-21.57	peak
4	7419.751	47.08	-17.77	29.31	54.00	-24.69	AVG
5	8879.167	66.57	-16.73	49.84	68.20	-18.36	peak
6	8879.167	49.42	-16.73	32.69	54.00	-21.31	AVG
7	10687.365	66.35	-16.63	49.72	68.20	-18.48	peak
8	10687.365	48.25	-16.63	31.62	54.00	-22.38	AVG
9	12715.632	68.44	-14.99	53.45	68.20	-14.75	peak
10	12715.632	49.51	-14.99	34.52	54.00	-19.48	AVG
11	15216.711	65.96	-14.73	51.23	68.20	-16.97	peak
12	15216.711	48.38	-14.73	33.65	54.00	-20.35	AVG

802.11 a-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3900.860	66.41	-23.54	42.87	68.20	-25.33	peak
2	3900.860	48.67	-23.54	25.13	54.00	-28.87	AVG
3	7207.945	64.20	-18.05	46.15	68.20	-22.05	peak
4	7207.945	45.53	-18.05	27.48	54.00	-26.52	AVG
5	8930.747	65.21	-16.75	48.46	68.20	-19.74	peak
6	8930.747	46.97	-16.75	30.22	54.00	-23.78	AVG
7	11129.603	65.99	-16.44	49.55	68.20	-18.65	peak
8	11129.603	48.03	-16.44	31.59	54.00	-22.41	AVG
9	12715.632	67.91	-14.99	52.92	68.20	-15.28	peak
10	12715.632	49.57	-14.99	34.58	54.00	-19.42	AVG
11	14612.070	66.89	-14.56	52.33	68.20	-15.87	peak
12	14612.070	48.72	-14.56	34.16	54.00	-19.84	AVG

802.11 a-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5885.269	65.49	-19.82	45.67	68.20	-22.53	peak
2	5885.269	47.45	-19.82	27.63	54.00	-26.37	AVG
3	7419.751	67.19	-17.77	49.42	68.20	-18.78	peak
4	7419.751	48.03	-17.77	30.26	54.00	-23.74	AVG
5	8930.747	65.69	-16.75	48.94	68.20	-19.26	peak
6	8930.747	46.90	-16.75	30.15	54.00	-23.85	AVG
7	10687.365	66.87	-16.63	50.24	68.20	-17.96	peak
8	10687.365	48.78	-16.63	32.15	54.00	-21.85	AVG
9	12715.632	68.20	-14.99	53.21	68.20	-14.99	peak
10	12715.632	49.84	-14.99	34.85	54.00	-19.15	AVG
11	13950.416	67.53	-14.74	52.79	68.20	-15.41	peak
12	13950.416	49.59	-14.74	34.85	54.00	-19.15	AVG



802.11 n20-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7249.817	65.83	-17.90	47.93	68.20	-20.27	peak
2	7249.817	47.52	-17.90	29.62	54.00	-24.38	AVG
3	9193.178	65.06	-16.59	48.47	68.20	-19.73	peak
4	9193.178	49.20	-16.59	32.61	54.00	-21.39	AVG
5	9969.738	65.98	-16.44	49.54	68.20	-18.66	peak
6	9969.738	48.06	-16.44	31.62	54.00	-22.38	AVG
7	11456.648	66.25	-15.70	50.55	68.20	-17.65	peak
8	11456.648	47.22	-15.70	31.52	54.00	-22.48	AVG
9	13165.319	68.15	-15.37	52.78	68.20	-15.42	peak
10	13165.319	49.63	-15.37	34.26	54.00	-19.74	AVG
11	7249.817	65.83	-17.90	47.93	68.20	-20.27	peak
12	7249.817	47.52	-17.90	29.62	54.00	-24.38	AVG

802.11 n20-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7249.817	66.88	-17.90	48.98	68.20	-19.22	peak
2	7249.817	48.42	-17.90	30.52	54.00	-23.48	AVG
3	8331.072	65.63	-17.13	48.50	68.20	-19.70	peak
4	8331.072	48.39	-17.13	31.26	54.00	-22.74	AVG
5	9408.664	65.37	-16.26	49.11	68.20	-19.09	peak
6	9408.664	47.78	-16.26	31.52	54.00	-22.48	AVG
7	12069.735	66.35	-14.56	51.79	68.20	-16.41	peak
8	12069.735	48.41	-14.56	33.85	54.00	-20.15	AVG
9	12715.632	68.64	-14.99	53.65	68.20	-14.55	peak
10	12715.632	50.20	-14.99	35.21	54.00	-18.79	AVG
11	14782.331	67.62	-14.72	52.90	68.20	-15.30	peak
12	14782.331	49.34	-14.72	34.62	54.00	-19.38	AVG

802.11 n20-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7419.751	66.55	-17.77	48.78	68.20	-19.42	peak
2	7419.751	47.40	-17.77	29.63	54.00	-24.37	AVG
3	9193.178	65.51	-16.59	48.92	68.20	-19.28	peak
4	9193.178	47.18	-16.59	30.59	54.00	-23.41	AVG
5	10687.365	65.68	-16.63	49.05	68.20	-19.15	peak
6	10687.365	48.15	-16.63	31.52	54.00	-22.48	AVG
7	11725.190	65.89	-15.11	50.78	68.20	-17.42	peak
8	11725.190	47.26	-15.11	32.15	54.00	-21.85	AVG
9	12715.632	67.39	-14.99	52.40	68.20	-15.80	peak
10	12715.632	50.25	-14.99	35.26	54.00	-18.74	AVG
11	14868.203	67.78	-14.64	53.14	68.20	-15.06	peak
12	14868.203	50.10	-14.64	35.46	54.00	-18.54	AVG

802.11 n20-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8000.034	65.06	-17.20	47.86	68.20	-20.34	peak
2	8000.034	46.83	-17.20	29.63	54.00	-24.37	AVG
3	8879.167	66.57	-16.73	49.84	68.20	-18.36	peak
4	8879.167	47.93	-16.73	31.20	54.00	-22.80	AVG
5	10811.895	65.96	-16.65	49.31	68.20	-18.89	peak
6	10811.895	48.21	-16.65	31.56	54.00	-22.44	AVG
7	12000.026	65.50	-14.50	51.00	68.20	-17.20	peak
8	12000.026	47.76	-14.50	33.26	54.00	-20.74	AVG
9	13165.319	66.92	-15.37	51.55	68.20	-16.65	peak
10	13165.319	48.89	-15.37	33.52	54.00	-20.48	AVG
11	15754.849	67.40	-15.18	52.22	68.20	-15.98	peak
12	15754.849	50.59	-15.18	35.41	54.00	-18.59	AVG

802.11 n20-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7334.292	65.26	-17.86	47.40	68.20	-20.80	peak
2	7334.292	47.49	-17.86	29.63	54.00	-24.37	AVG
3	8930.747	65.71	-16.75	48.96	68.20	-19.24	peak
4	8930.747	48.21	-16.75	31.46	54.00	-22.54	AVG
5	9854.908	65.63	-16.40	49.23	68.20	-18.97	peak
6	9854.908	47.92	-16.40	31.52	54.00	-22.48	AVG
7	11129.603	65.99	-16.44	49.55	68.20	-18.65	peak
8	11129.603	47.89	-16.44	31.45	54.00	-22.55	AVG
9	12715.632	68.41	-14.99	53.42	68.20	-14.78	peak
10	12715.632	49.84	-14.99	34.85	54.00	-19.15	AVG
11	14612.070	66.39	-14.56	51.83	68.20	-16.37	peak
12	14612.070	48.41	-14.56	33.85	54.00	-20.15	AVG

802.11 n20-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7419.751	66.19	-17.77	48.42	68.20	-19.78	peak
2	7419.751	49.29	-17.77	31.52	54.00	-22.48	AVG
3	8827.884	66.39	-16.82	49.57	68.20	-18.63	peak
4	8827.884	48.30	-16.82	31.48	54.00	-22.52	AVG
5	9408.664	66.50	-16.26	50.24	68.20	-17.96	peak
6	9408.664	47.78	-16.26	31.52	54.00	-22.48	AVG
7	11523.201	66.70	-15.52	51.18	68.20	-17.02	peak
8	11523.201	48.78	-15.52	33.26	54.00	-20.74	AVG
9	13165.319	67.50	-15.37	52.13	68.20	-16.07	peak
10	13165.319	50.33	-15.37	34.96	54.00	-19.04	AVG
11	13950.416	67.03	-14.74	52.29	68.20	-15.91	peak
12	13950.416	49.59	-14.74	34.85	54.00	-19.15	AVG



802.11 ac20-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5885.269	65.77	-19.82	45.95	68.20	-22.25	peak
2	5885.269	47.46	-19.82	27.64	54.00	-26.36	AVG
3	7249.817	66.83	-17.90	48.93	68.20	-19.27	peak
4	7249.817	49.42	-17.90	31.52	54.00	-22.48	AVG
5	8982.627	66.25	-16.80	49.45	68.20	-18.75	peak
6	8982.627	48.95	-16.80	32.15	54.00	-21.85	AVG
7	9969.738	66.48	-16.44	50.04	68.20	-18.16	peak
8	9969.738	48.59	-16.44	32.15	54.00	-21.85	AVG
9	13165.319	67.15	-15.37	51.78	68.20	-16.42	peak
10	13165.319	49.33	-15.37	33.96	54.00	-20.04	AVG
11	14782.331	66.94	-14.72	52.22	68.20	-15.98	peak
12	14612.070	49.41	-14.56	34.85	54.00	-19.15	AVG

802.11 ac20-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6093.401	65.12	-19.46	45.66	68.20	-22.54	peak
2	6093.401	49.09	-19.46	29.63	54.00	-24.37	AVG
3	7249.817	66.38	-17.90	48.48	68.20	-19.72	peak
4	7249.817	49.10	-17.90	31.20	54.00	-22.80	AVG
5	9087.293	65.82	-16.76	49.06	68.20	-19.14	peak
6	9087.293	48.02	-16.76	31.26	54.00	-22.74	AVG
7	11523.201	64.74	-15.52	49.22	68.20	-18.98	peak
8	11523.201	46.78	-15.52	31.26	54.00	-22.74	AVG
9	12715.632	66.64	-14.99	51.65	68.20	-16.55	peak
10	12715.632	48.51	-14.99	33.52	54.00	-20.48	AVG
11	14782.331	67.12	-14.72	52.40	68.20	-15.80	peak
12	14782.331	50.46	-14.72	35.74	54.00	-18.26	AVG

802.11 ac20-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6763.011	64.36	-18.39	45.97	68.20	-22.23	peak
2	6763.011	48.04	-18.39	29.65	54.00	-24.35	AVG
3	7419.751	65.55	-17.77	47.78	68.20	-20.42	peak
4	7419.751	49.92	-17.77	32.15	54.00	-21.85	AVG
5	9193.178	65.51	-16.59	48.92	68.20	-19.28	peak
6	9193.178	46.74	-16.59	30.15	54.00	-23.85	AVG
7	11930.719	65.20	-14.67	50.53	68.20	-17.67	peak
8	11930.719	46.12	-14.67	31.45	54.00	-22.55	AVG
9	12715.632	66.89	-14.99	51.90	68.20	-16.30	peak
10	12715.632	47.95	-14.99	32.96	54.00	-21.04	AVG
11	13950.416	66.62	-14.74	51.88	68.20	-16.32	peak
12	13950.416	48.70	-14.74	33.96	54.00	-20.04	AVG



802.11 ac20-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6763.011	64.51	-18.39	46.12	68.20	-22.08	peak
2	6763.011	47.71	-18.39	29.32	54.00	-24.68	AVG
3	8000.034	65.06	-17.20	47.86	68.20	-20.34	peak
4	8000.034	46.83	-17.20	29.63	54.00	-24.37	AVG
5	8879.167	66.57	-16.73	49.84	68.20	-18.36	peak
6	8879.167	48.15	-16.73	31.42	54.00	-22.58	AVG
7	9408.664	66.28	-16.26	50.02	68.20	-18.18	peak
8	9408.664	47.51	-16.26	31.25	54.00	-22.75	AVG
9	12000.026	65.50	-14.50	51.00	68.20	-17.20	peak
10	12000.026	49.35	-14.50	34.85	54.00	-19.15	AVG
11	12715.632	67.44	-14.99	52.45	68.20	-15.75	peak
12	12715.632	49.84	-14.99	34.85	54.00	-19.15	AVG

802.11 ac20-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6802.299	64.31	-18.38	45.93	68.20	-22.27	peak
2	6802.299	48.01	-18.38	29.63	54.00	-24.37	AVG
3	8930.747	65.71	-16.75	48.96	68.20	-19.24	peak
4	8930.747	47.30	-16.75	30.55	54.00	-23.45	AVG
5	9854.908	65.13	-16.40	48.73	68.20	-19.47	peak
6	9854.908	47.85	-16.40	31.45	54.00	-22.55	AVG
7	11725.190	64.25	-15.11	49.14	68.20	-19.06	peak
8	11725.190	46.67	-15.11	31.56	54.00	-22.44	AVG
9	12715.632	68.41	-14.99	53.42	68.20	-14.78	peak
10	12715.632	50.95	-14.99	35.96	54.00	-18.04	AVG
11	14612.070	66.89	-14.56	52.33	68.20	-15.87	peak
12	14612.070	49.41	-14.56	34.85	54.00	-19.15	AVG

802.11 ac20-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7419.751	66.19	-17.77	48.42	68.20	-19.78	peak
2	7419.751	49.03	-17.77	31.26	54.00	-22.74	AVG
3	9408.664	66.00	-16.26	49.74	68.20	-18.46	peak
4	9408.664	47.78	-16.26	31.52	54.00	-22.48	AVG
5	11930.719	66.13	-14.67	51.46	68.20	-16.74	peak
6	11930.719	47.36	-14.67	32.69	54.00	-21.31	AVG
7	12715.632	68.20	-14.99	53.21	68.20	-14.99	peak
8	12715.632	50.40	-14.99	35.41	54.00	-18.59	AVG
9	13950.416	66.53	-14.74	51.79	68.20	-16.41	peak
10	13950.416	48.26	-14.74	33.52	54.00	-20.48	AVG
11	16217.807	66.93	-14.89	52.04	68.20	-16.16	peak
12	16217.807	50.87	-14.89	35.98	54.00	-18.02	AVG

**Band IV:**

802.11 a-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5953.844	66.63	-19.69	46.94	68.20	-21.26	peak
2	5953.844	48.00	-19.69	28.31	54.00	-25.69	AVG
3	7419.751	65.86	-17.77	48.09	68.20	-20.11	peak
4	7419.751	48.00	-17.77	30.23	54.00	-23.77	AVG
5	8879.167	65.81	-16.73	49.08	68.20	-19.12	peak
6	8879.167	46.99	-16.73	30.26	54.00	-23.74	AVG
7	10687.365	66.29	-16.63	49.66	68.20	-18.54	peak
8	10687.365	46.78	-16.63	30.15	54.00	-23.85	AVG
9	12715.632	67.33	-14.99	52.34	68.20	-15.86	peak
10	12715.632	49.20	-14.99	34.21	54.00	-19.79	AVG
11	14782.331	67.43	-14.72	52.71	68.20	-15.49	peak
12	14782.331	49.57	-14.72	34.85	54.00	-19.15	AVG

802.11 a-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6128.798	65.51	-19.39	46.12	68.20	-22.08	peak
2	6128.798	48.35	-19.39	28.96	54.00	-25.04	AVG
3	6763.011	65.22	-18.39	46.83	68.20	-21.37	peak
4	6763.011	47.70	-18.39	29.31	54.00	-24.69	AVG
5	7419.751	66.76	-17.77	48.99	68.20	-19.21	peak
6	7419.751	47.99	-17.77	30.22	54.00	-23.78	AVG
7	9408.664	65.68	-16.26	49.42	68.20	-18.78	peak
8	9408.664	47.52	-16.26	31.26	54.00	-22.74	AVG
9	12715.632	68.15	-14.99	53.16	68.20	-15.04	peak
10	12715.632	49.25	-14.99	34.26	54.00	-19.74	AVG
11	14782.331	67.40	-14.72	52.68	68.20	-15.52	peak
12	14782.331	50.13	-14.72	35.41	54.00	-18.59	AVG

802.11 a-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5988.431	65.31	-19.62	45.69	68.20	-22.51	peak
2	5988.431	47.24	-19.62	27.62	54.00	-26.38	AVG
3	7249.817	66.83	-17.90	48.93	68.20	-19.27	peak
4	7249.817	48.05	-17.90	30.15	54.00	-23.85	AVG
5	9969.738	65.48	-16.44	49.04	68.20	-19.16	peak
6	9969.738	47.66	-16.44	31.22	54.00	-22.78	AVG
7	12000.026	66.24	-14.50	51.74	68.20	-16.46	peak
8	12000.026	48.12	-14.50	33.62	54.00	-20.38	AVG
9	13165.319	68.15	-15.37	52.78	68.20	-15.42	peak
10	13165.319	49.95	-15.37	34.58	54.00	-19.42	AVG
11	14782.331	67.44	-14.72	52.72	68.20	-15.48	peak
12	14782.331	49.68	-14.72	34.96	54.00	-19.04	AVG



802.11 a-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6308.894	65.03	-19.16	45.87	68.20	-22.33	peak
2	6308.894	46.75	-19.16	27.59	54.00	-26.41	AVG
3	7249.817	67.38	-17.90	49.48	68.20	-18.72	peak
4	7249.817	49.10	-17.90	31.20	54.00	-22.80	AVG
5	9408.664	65.37	-16.26	49.11	68.20	-19.09	peak
6	9408.664	47.84	-16.26	31.58	54.00	-22.42	AVG
7	12069.735	66.35	-14.56	51.79	68.20	-16.41	peak
8	12069.735	48.18	-14.56	33.62	54.00	-20.38	AVG
9	12715.632	67.14	-14.99	52.15	68.20	-16.05	peak
10	12715.632	49.68	-14.99	34.69	54.00	-19.31	AVG
11	14782.331	67.12	-14.72	52.40	68.20	-15.80	peak
12	14782.331	48.98	-14.72	34.26	54.00	-19.74	AVG

802.11 a-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6723.951	64.84	-18.51	46.33	68.20	-21.87	peak
2	6723.951	48.77	-18.51	30.26	54.00	-23.74	AVG
3	7419.751	66.05	-17.77	48.28	68.20	-19.92	peak
4	7419.751	47.79	-17.77	30.02	54.00	-23.98	AVG
5	9193.178	65.51	-16.59	48.92	68.20	-19.28	peak
6	9193.178	47.44	-16.59	30.85	54.00	-23.15	AVG
7	11930.719	65.20	-14.67	50.53	68.20	-17.67	peak
8	11930.719	47.88	-14.67	33.21	54.00	-20.79	AVG
9	12715.632	66.89	-14.99	51.90	68.20	-16.30	peak
10	12715.632	48.21	-14.99	33.22	54.00	-20.78	AVG
11	14868.203	67.28	-14.64	52.64	68.20	-15.56	peak
12	14868.203	50.12	-14.64	35.48	54.00	-18.52	AVG

802.11 a-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6802.299	65.35	-18.38	46.97	68.20	-21.23	peak
2	6802.299	47.34	-18.38	28.96	54.00	-25.04	AVG
3	8879.167	66.07	-16.73	49.34	68.20	-18.86	peak
4	8879.167	47.99	-16.73	31.26	54.00	-22.74	AVG
5	12000.026	66.00	-14.50	51.50	68.20	-16.70	peak
6	12000.026	47.75	-14.50	33.25	54.00	-20.75	AVG
7	12715.632	67.94	-14.99	52.95	68.20	-15.25	peak
8	12715.632	49.14	-14.99	34.15	54.00	-19.85	AVG
9	13396.092	67.56	-15.18	52.38	68.20	-15.82	peak
10	13396.092	50.59	-15.18	35.41	54.00	-18.59	AVG
11	14194.951	66.34	-14.59	51.75	68.20	-16.45	peak
12	14194.951	48.55	-14.59	33.96	54.00	-20.04	AVG



802.11 n20-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7207.945	66.53	-18.05	48.48	68.20	-19.72	peak
2	7207.945	49.57	-18.05	31.52	54.00	-22.48	AVG
3	8331.072	64.91	-17.13	47.78	68.20	-20.42	peak
4	8331.072	47.98	-17.13	30.85	54.00	-23.15	AVG
5	8879.167	65.81	-16.73	49.08	68.20	-19.12	peak
6	8879.167	48.25	-16.73	31.52	54.00	-22.48	AVG
7	10687.365	66.29	-16.63	49.66	68.20	-18.54	peak
8	10687.365	48.22	-16.63	31.59	54.00	-22.41	AVG
9	12715.632	67.33	-14.99	52.34	68.20	-15.86	peak
10	12715.632	49.58	-14.99	34.59	54.00	-19.41	AVG
11	14782.331	66.93	-14.72	52.21	68.20	-15.99	peak
12	14782.331	49.61	-14.72	34.89	54.00	-19.11	AVG

802.11 n20-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6763.011	66.22	-18.39	47.83	68.20	-20.37	peak
2	6763.011	49.91	-18.39	31.52	54.00	-22.48	AVG
3	7419.751	66.76	-17.77	48.99	68.20	-19.21	peak
4	7419.751	49.33	-17.77	31.56	54.00	-22.44	AVG
5	9087.293	66.33	-16.76	49.57	68.20	-18.63	peak
6	9087.293	48.28	-16.76	31.52	54.00	-22.48	AVG
7	9912.157	66.15	-16.33	49.82	68.20	-18.38	peak
8	9912.157	47.59	-16.33	31.26	54.00	-22.74	AVG
9	12715.632	67.65	-14.99	52.66	68.20	-15.54	peak
10	12715.632	49.51	-14.99	34.52	54.00	-19.48	AVG
11	14782.331	66.40	-14.72	51.68	68.20	-16.52	peak
12	14782.331	48.57	-14.72	33.85	54.00	-20.15	AVG

802.11 n20-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6763.011	64.83	-18.39	46.44	68.20	-21.76	peak
2	6763.011	48.23	-18.39	29.84	54.00	-24.16	AVG
3	7249.817	65.83	-17.90	47.93	68.20	-20.27	peak
4	7249.817	48.92	-17.90	31.02	54.00	-22.98	AVG
5	8982.627	64.75	-16.80	47.95	68.20	-20.25	peak
6	8982.627	46.95	-16.80	30.15	54.00	-23.85	AVG
7	12000.026	66.24	-14.50	51.74	68.20	-16.46	peak
8	12000.026	47.76	-14.50	33.26	54.00	-20.74	AVG
9	13165.319	67.65	-15.37	52.28	68.20	-15.92	peak
10	13165.319	50.22	-15.37	34.85	54.00	-19.15	AVG
11	14612.070	66.83	-14.56	52.27	68.20	-15.93	peak
12	14612.070	49.41	-14.56	34.85	54.00	-19.15	AVG



802.11 n20-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6308.894	66.03	-19.16	46.87	68.20	-21.33	peak
2	6308.894	48.79	-19.16	29.63	54.00	-24.37	AVG
3	7249.817	66.88	-17.90	48.98	68.20	-19.22	peak
4	7249.817	48.05	-17.90	30.15	54.00	-23.85	AVG
5	8827.884	66.19	-16.82	49.37	68.20	-18.83	peak
6	8879.167	48.25	-16.73	31.52	54.00	-22.48	AVG
7	9408.664	65.87	-16.26	49.61	68.20	-18.59	peak
8	9408.664	48.11	-16.26	31.85	54.00	-22.15	AVG
9	12715.632	67.64	-14.99	52.65	68.20	-15.55	peak
10	12715.632	49.51	-14.99	34.52	54.00	-19.48	AVG
11	13630.910	66.98	-15.10	51.88	68.20	-16.32	peak
12	13630.910	48.62	-15.10	33.52	54.00	-20.48	AVG

802.11 n20-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7419.751	66.55	-17.77	48.78	68.20	-19.42	peak
2	7419.751	49.03	-17.77	31.26	54.00	-22.74	AVG
3	9193.178	66.01	-16.59	49.42	68.20	-18.78	peak
4	9193.178	48.44	-16.59	31.85	54.00	-22.15	AVG
5	9969.738	65.61	-16.44	49.17	68.20	-19.03	peak
6	9969.738	47.96	-16.44	31.52	54.00	-22.48	AVG
7	11930.719	66.20	-14.67	51.53	68.20	-16.67	peak
8	11930.719	46.82	-14.67	32.15	54.00	-21.85	AVG
9	12715.632	67.89	-14.99	52.90	68.20	-15.30	peak
10	12715.632	49.84	-14.99	34.85	54.00	-19.15	AVG
11	14868.203	68.28	-14.64	53.64	68.20	-14.56	peak
12	14868.203	50.60	-14.64	35.96	54.00	-18.04	AVG

802.11 n20-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7419.751	64.90	-17.77	47.13	68.20	-21.07	peak
2	7419.751	48.90	-17.77	31.13	54.00	-22.87	AVG
3	9408.664	65.28	-16.26	49.02	68.20	-19.18	peak
4	9408.664	47.78	-16.26	31.52	54.00	-22.48	AVG
5	11523.201	65.69	-15.52	50.17	68.20	-18.03	peak
6	11523.201	48.08	-15.52	32.56	54.00	-21.44	AVG
7	12715.632	68.44	-14.99	53.45	68.20	-14.75	peak
8	12715.632	50.47	-14.99	35.48	54.00	-18.52	AVG
9	13396.092	67.06	-15.18	51.88	68.20	-16.32	peak
10	13396.092	48.80	-15.18	33.62	54.00	-20.38	AVG
11	15394.016	67.77	-15.09	52.68	68.20	-15.52	peak
12	15394.016	50.57	-15.09	35.48	54.00	-18.52	AVG



802.11 ac20-Low Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6456.773	65.19	-18.99	46.20	68.20	-22.00	peak
2	6456.773	50.51	-18.99	31.52	54.00	-22.48	AVG
3	7207.945	67.03	-18.05	48.98	68.20	-19.22	peak
4	7207.945	48.20	-18.05	30.15	54.00	-23.85	AVG
5	8879.167	66.31	-16.73	49.58	68.20	-18.62	peak
6	8879.167	49.69	-16.73	32.96	54.00	-21.04	AVG
7	10687.365	66.29	-16.63	49.66	68.20	-18.54	peak
8	10687.365	48.45	-16.63	31.82	54.00	-22.18	AVG
9	12715.632	66.33	-14.99	51.34	68.20	-16.86	peak
10	12715.632	48.25	-14.99	33.26	54.00	-20.74	AVG
11	14782.331	65.43	-14.72	50.71	68.20	-17.49	peak
12	14782.331	48.65	-14.72	33.93	54.00	-20.07	AVG

802.11 ac20-Low Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6763.011	65.72	-18.39	47.33	68.20	-20.87	peak
2	6763.011	49.41	-18.39	31.02	54.00	-22.98	AVG
3	7419.751	67.26	-17.77	49.49	68.20	-18.71	peak
4	7419.751	49.62	-17.77	31.85	54.00	-22.15	AVG
5	9408.664	65.18	-16.26	48.92	68.20	-19.28	peak
6	9408.664	47.22	-16.26	30.96	54.00	-23.04	AVG
7	11456.648	64.82	-15.70	49.12	68.20	-19.08	peak
8	11456.648	47.29	-15.70	31.59	54.00	-22.41	AVG
9	13165.319	66.15	-15.37	50.78	68.20	-17.42	peak
10	13165.319	47.23	-15.37	31.86	54.00	-22.14	AVG
11	14782.331	66.40	-14.72	51.68	68.20	-16.52	peak
12	14782.331	49.57	-14.72	34.85	54.00	-19.15	AVG

802.11 ac20-Middle Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6345.543	64.94	-19.07	45.87	68.20	-22.33	peak
2	6345.543	48.59	-19.07	29.52	54.00	-24.48	AVG
3	7249.817	66.33	-17.90	48.43	68.20	-19.77	peak
4	7249.817	49.42	-17.90	31.52	54.00	-22.48	AVG
5	10262.699	64.06	-16.59	47.47	68.20	-20.73	peak
6	10262.699	47.85	-16.59	31.26	54.00	-22.74	AVG
7	12000.026	65.24	-14.50	50.74	68.20	-17.46	peak
8	12000.026	46.65	-14.50	32.15	54.00	-21.85	AVG
9	13165.319	66.65	-15.37	51.28	68.20	-16.92	peak
10	13165.319	48.33	-15.37	32.96	54.00	-21.04	AVG
11	14612.070	66.33	-14.56	51.77	68.20	-16.43	peak
12	14612.070	48.25	-14.56	33.69	54.00	-20.31	AVG



802.11 ac20-Middle Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6093.401	65.62	-19.46	46.16	68.20	-22.04	peak
2	6093.401	48.77	-19.46	29.31	54.00	-24.69	AVG
3	7249.817	66.88	-17.90	48.98	68.20	-19.22	peak
4	7249.817	48.36	-17.90	30.46	54.00	-23.54	AVG
5	9408.664	65.37	-16.26	49.11	68.20	-19.09	peak
6	9408.664	47.51	-16.26	31.25	54.00	-22.75	AVG
7	11523.201	66.24	-15.52	50.72	68.20	-17.48	peak
8	11523.201	48.38	-15.52	32.86	54.00	-21.14	AVG
9	12715.632	68.64	-14.99	53.65	68.20	-14.55	peak
10	12715.632	50.81	-14.99	35.82	54.00	-18.18	AVG
11	14782.331	67.12	-14.72	52.40	68.20	-15.80	peak
12	14782.331	49.57	-14.72	34.85	54.00	-19.15	AVG

802.11 ac20-High Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5004.148	68.50	-22.09	46.41	68.20	-21.79	peak
2	5004.148	51.72	-22.09	29.63	54.00	-24.37	AVG
3	7419.751	66.05	-17.77	48.28	68.20	-19.92	peak
4	7419.751	49.33	-17.77	31.56	54.00	-22.44	AVG
5	8282.955	65.99	-17.16	48.83	68.20	-19.37	peak
6	8282.955	47.28	-17.16	30.12	54.00	-23.88	AVG
7	9629.202	66.21	-16.30	49.91	68.20	-18.29	peak
8	9629.202	47.85	-16.30	31.55	54.00	-22.45	AVG
9	12715.632	66.39	-14.99	51.40	68.20	-16.80	peak
10	12715.632	48.26	-14.99	33.27	54.00	-20.73	AVG
11	14868.203	66.78	-14.64	52.14	68.20	-16.06	peak
12	14868.203	49.49	-14.64	34.85	54.00	-19.15	AVG

802.11 ac20-High Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6236.229	65.05	-19.24	45.81	68.20	-22.39	peak
2	6236.229	49.10	-19.24	29.86	54.00	-24.14	AVG
3	7419.751	65.40	-17.77	47.63	68.20	-20.57	peak
4	7419.751	47.42	-17.77	29.65	54.00	-24.35	AVG
5	8879.167	66.57	-16.73	49.84	68.20	-18.36	peak
6	8879.167	48.25	-16.73	31.52	54.00	-22.48	AVG
7	9408.664	66.78	-16.26	50.52	68.20	-17.68	peak
8	9408.664	47.91	-16.26	31.65	54.00	-22.35	AVG
9	12000.026	66.50	-14.50	52.00	68.20	-16.20	peak
10	12000.026	48.39	-14.50	33.89	54.00	-20.11	AVG
11	13396.092	66.56	-15.18	51.38	68.20	-16.82	peak
12	13396.092	49.14	-15.18	33.96	54.00	-19.15	AVG

Node:

- 1、 Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported..
- 2、 Radiated emissions measured in frequency above 1GHz were made with an instrument using peak/average detector mode.
- 3、 Average test would be performed if the peak result were greater than the average limit or as required by the applicant.
- 4、 Margin (dB), result in dBuV/m – limit in dBuV/m.

Restricted band Requirements

Band I 802.11a-Low

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4979.760	58.04	-15.60	42.44	68.20	-31.56	peak
2	4979.760	42.75	-15.60	27.15	54.00	-26.85	AVG
3	5150.000	55.36	-14.86	40.50	68.20	-33.50	peak
4	5150.000	40.20	-14.86	25.34	54.00	-28.66	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4926.453	57.53	-15.68	41.85	68.20	-32.15	peak
2	4926.453	42.27	-15.68	26.59	54.00	-27.41	AVG
3	5150.000	55.09	-14.86	40.23	68.20	-33.77	peak
4	5150.000	40.20	-14.86	25.34	54.00	-28.66	AVG

802.11a-High

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	57.10	-14.21	42.89	68.20	-25.31	peak
2	5350.000	40.95	-14.21	26.74	54.00	-27.26	AVG
3	5379.599	56.63	-14.01	42.62	68.20	-25.58	peak
4	5379.599	35.99	-14.01	21.98	54.00	-32.02	AVG

Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	53.92	-14.21	39.71	68.20	-28.49	peak
2	5350.000	40.02	-14.21	25.81	54.00	-28.19	AVG
3	5391.182	57.42	-13.93	43.49	68.20	-24.71	peak
4	5391.182	38.24	-13.93	24.31	54.00	-29.69	AVG

802.11n20-Low

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4856.313	58.29	-15.72	42.57	68.20	-31.43	peak
2	4856.313	41.87	-15.72	26.15	54.00	-27.85	AVG
3	5150.000	56.11	-14.86	41.25	68.20	-32.75	peak
4	5150.000	40.20	-14.86	25.34	54.00	-28.66	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5063.928	58.33	-15.33	43.00	68.20	-31.00	peak
2	5063.928	42.49	-15.33	27.16	54.00	-26.84	AVG
3	5150.000	54.69	-14.86	39.83	68.20	-34.17	peak
4	5150.000	39.39	-14.86	24.53	54.00	-29.47	AVG

802.11n20-High

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	56.56	-14.21	42.35	68.20	-25.85	peak
2	5350.000	40.21	-14.21	26.00	54.00	-28.00	AVG
3	5388.797	56.71	-13.94	42.77	68.20	-25.43	peak
4	5388.797	36.59	-13.94	22.65	54.00	-31.35	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	56.95	-14.21	42.74	68.20	-25.46	peak
2	5350.000	40.33	-14.21	26.12	54.00	-27.88	AVG
3	5394.93	56.3	-13.9	42.4	68.20	-25.80	peak
4	5394.93	36.05	-13.9	22.15	54.00	-31.85	AVG

802.11ac20-Low

Horizontal

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4968.537	57.56	-15.60	41.96	68.20	-32.04	peak
2	4968.537	41.56	-15.60	25.96	54.00	-28.04	AVG
3	5150.000	54.77	-14.86	39.91	68.20	-34.09	peak
4	5150.000	41.09	-14.86	26.23	54.00	-27.77	AVG

Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4983.968	57.65	-15.61	42.04	68.20	-31.96	peak
2	4983.968	41.76	-15.61	26.15	54.00	-27.85	AVG
3	5150.000	56.06	-14.86	41.20	68.20	-32.80	peak
4	5150.000	40.75	-14.86	25.89	54.00	-28.11	AVG