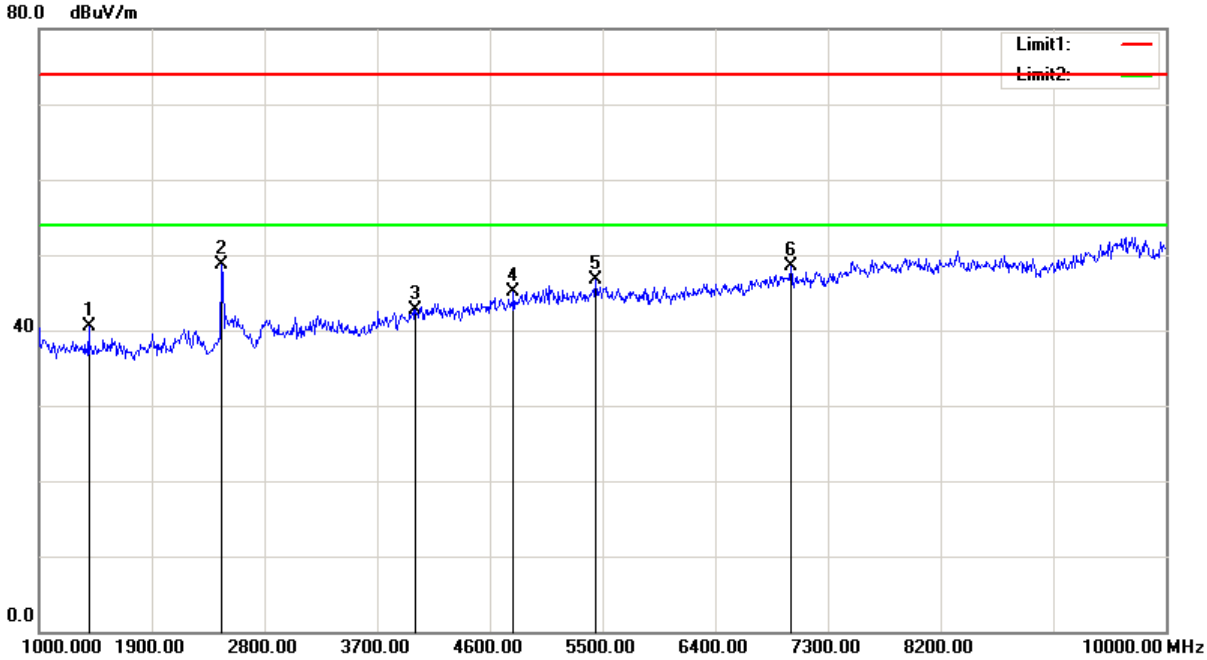
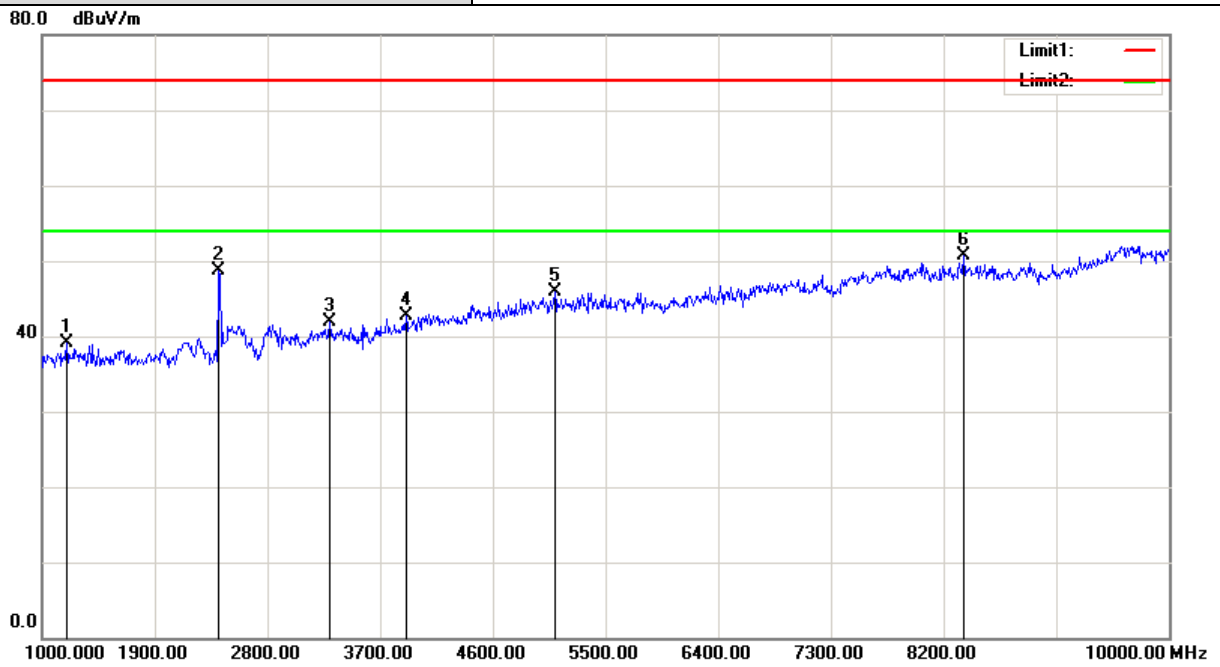
Mode	802.11b	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Vertical	



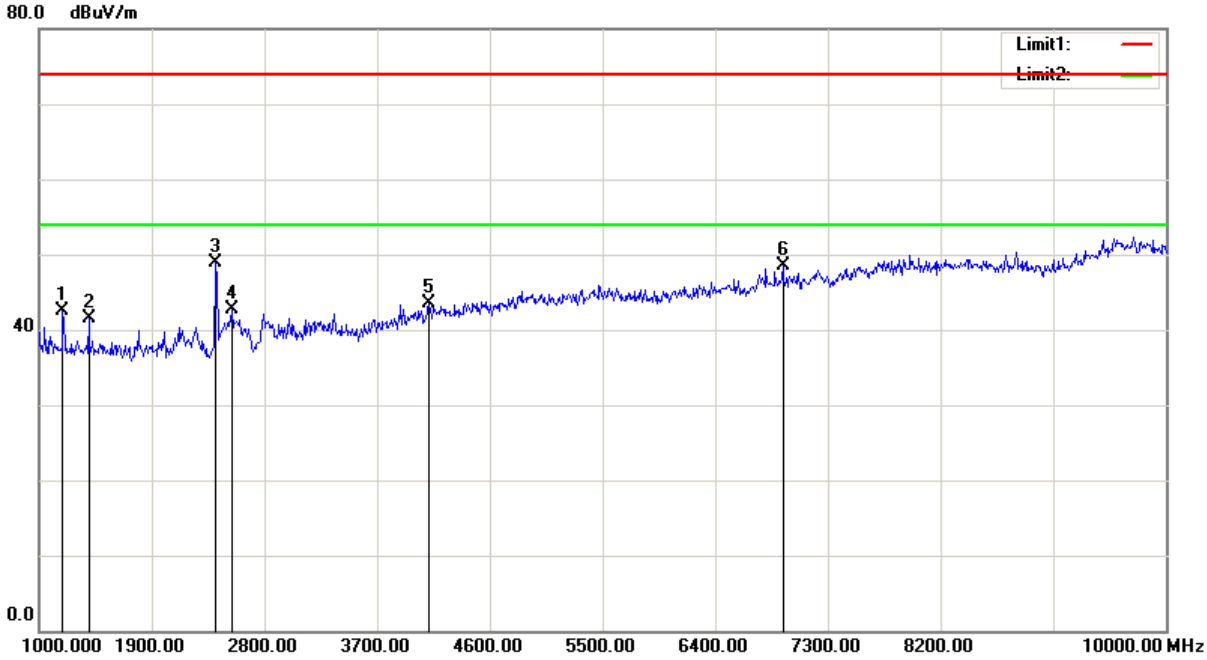
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1396.000	47.58	-7.07	40.51	74.00	-33.49	peak
2*	2458.000	51.22	-2.49	48.73	74.00	-25.27	peak
3	4006.000	41.11	1.61	42.72	74.00	-31.28	peak
4	4789.000	40.81	4.29	45.10	74.00	-28.90	peak
5	5446.000	40.95	5.77	46.72	74.00	-27.28	peak
6	7003.000	40.84	7.71	48.55	74.00	-25.45	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	1	Test By	Paul Pan
Ant. Polar.		Horizontal	



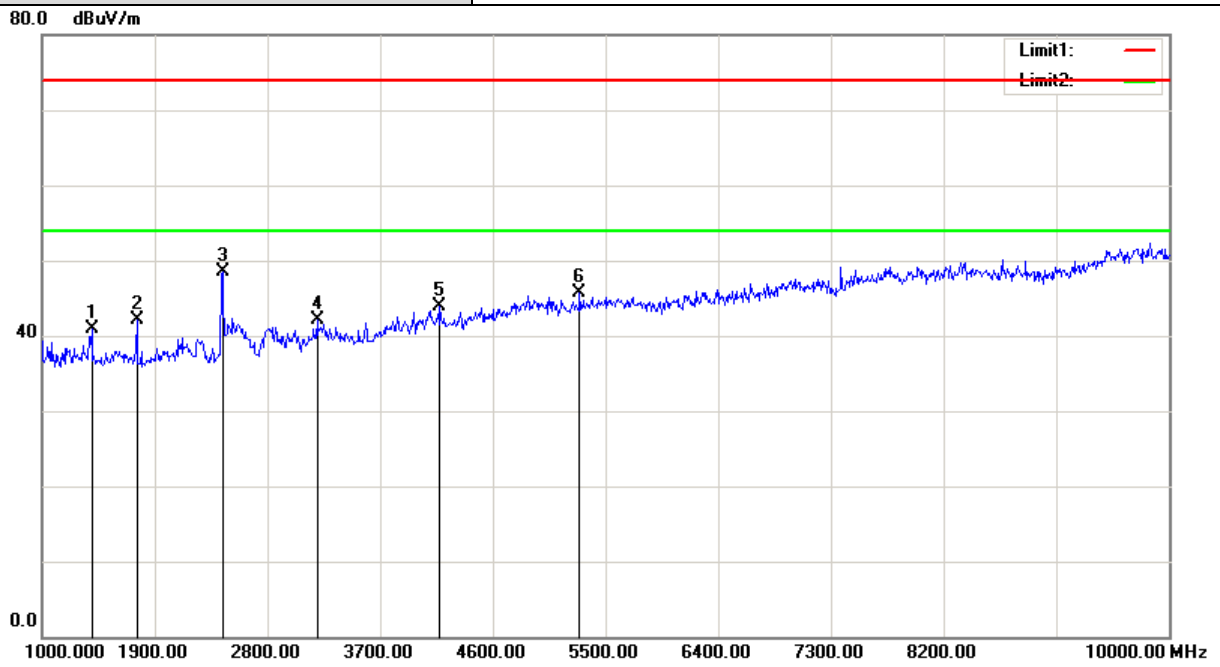
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	46.96	-7.80	39.16	74.00	-34.84	peak
2	2413.000	51.50	-2.74	48.76	74.00	-25.24	peak
3	3295.000	42.71	-0.86	41.85	74.00	-32.15	peak
4	3907.000	41.41	1.20	42.61	74.00	-31.39	peak
5	5095.000	40.83	5.15	45.98	74.00	-28.02	peak
6*	8362.000	41.25	9.45	50.70	74.00	-23.30	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	1	Test By	Paul Pan
Ant. Polar.		Vertical	



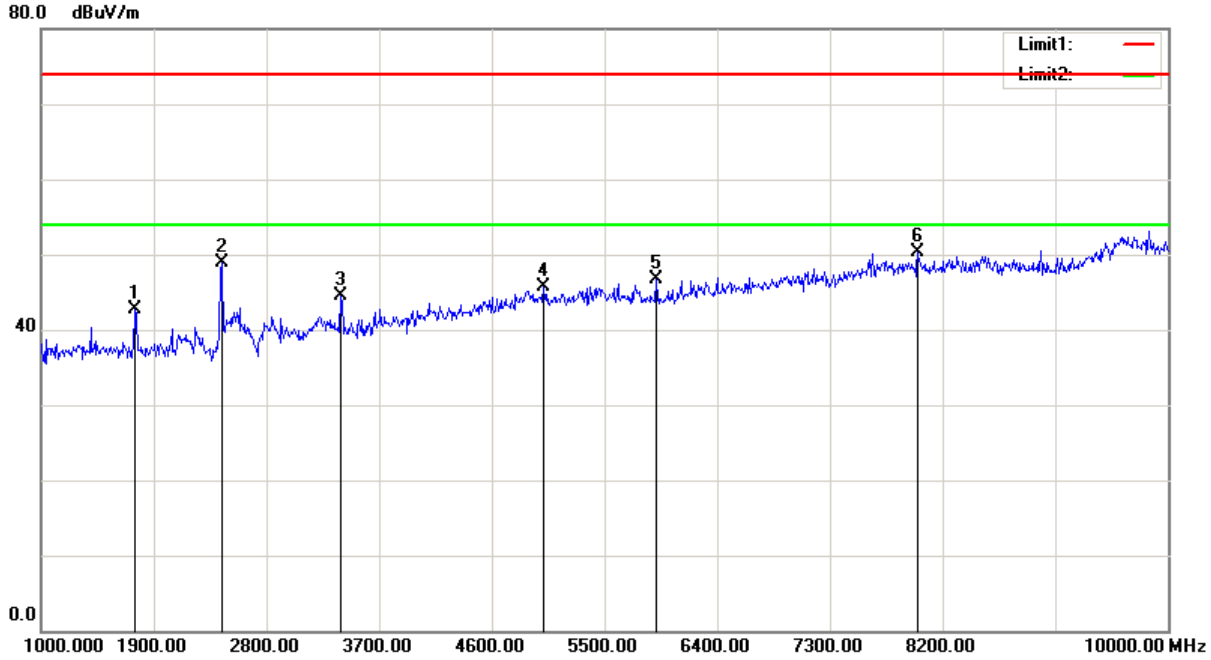
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1189.000	50.36	-7.83	42.53	74.00	-31.47	peak
2	1396.000	48.54	-7.07	41.47	74.00	-32.53	peak
3*	2413.000	51.64	-2.74	48.90	74.00	-25.10	peak
4	2539.000	44.80	-2.19	42.61	74.00	-31.39	peak
5	4114.000	41.61	1.99	43.60	74.00	-30.40	peak
6	6940.000	40.88	7.60	48.48	74.00	-25.52	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Horizontal	



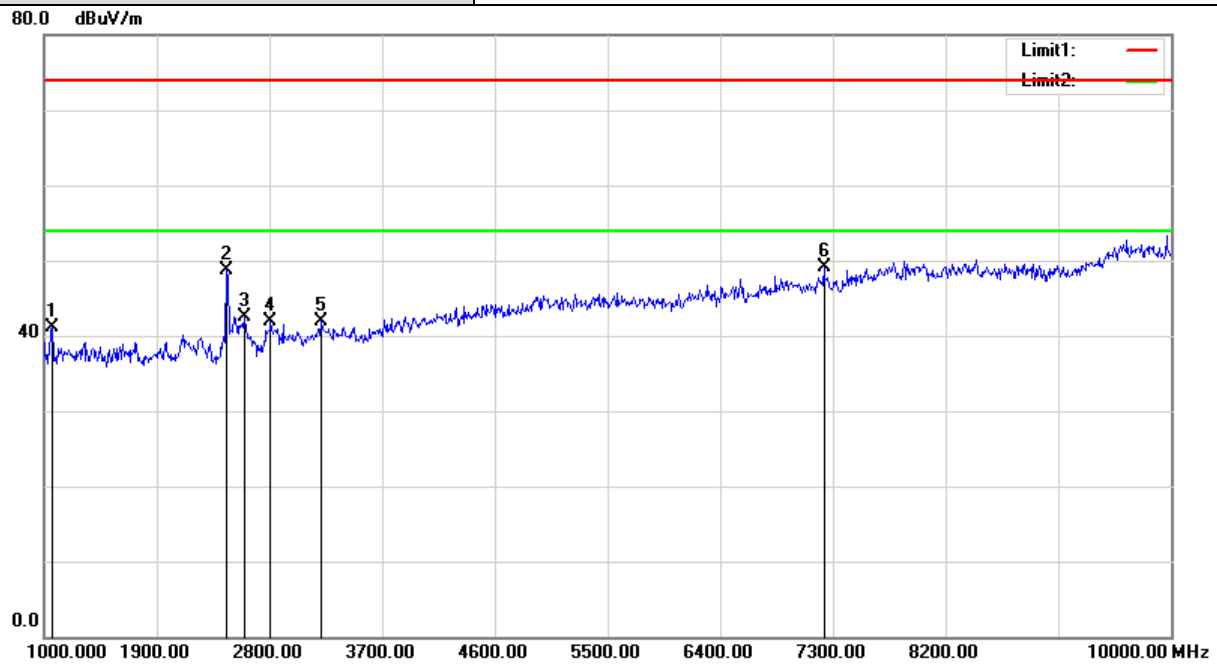
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1396.000	47.99	-7.07	40.92	74.00	-33.08	peak
2	1756.000	48.43	-6.36	42.07	74.00	-31.93	peak
3*	2440.000	51.13	-2.59	48.54	74.00	-25.46	peak
4	3196.000	43.18	-1.03	42.15	74.00	-31.85	peak
5	4177.000	41.78	2.21	43.99	74.00	-30.01	peak
6	5293.000	40.15	5.50	45.65	74.00	-28.35	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Vertical	



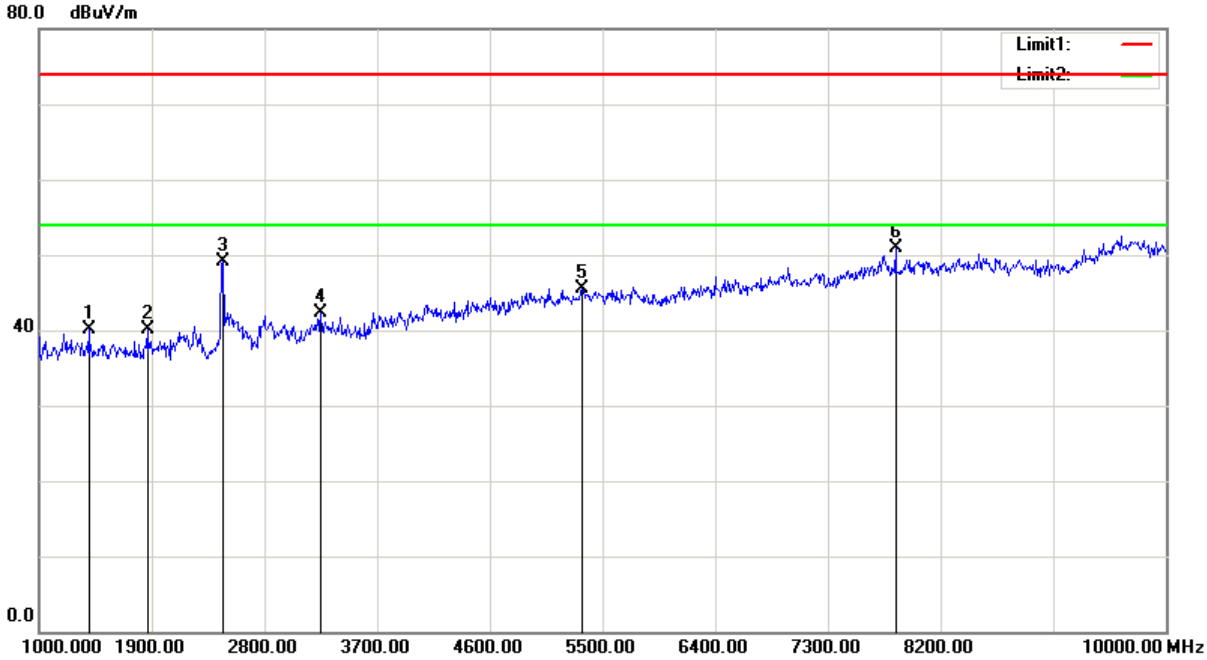
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1747.000	49.09	-6.38	42.71	74.00	-31.29	peak
2	2440.000	51.47	-2.59	48.88	74.00	-25.12	peak
3	3394.000	45.14	-0.70	44.44	74.00	-29.56	peak
4	5014.000	40.78	5.00	45.78	74.00	-28.22	peak
5	5914.000	40.65	6.04	46.69	74.00	-27.31	peak
6*	8002.000	40.61	9.65	50.26	74.00	-23.74	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Horizontal	



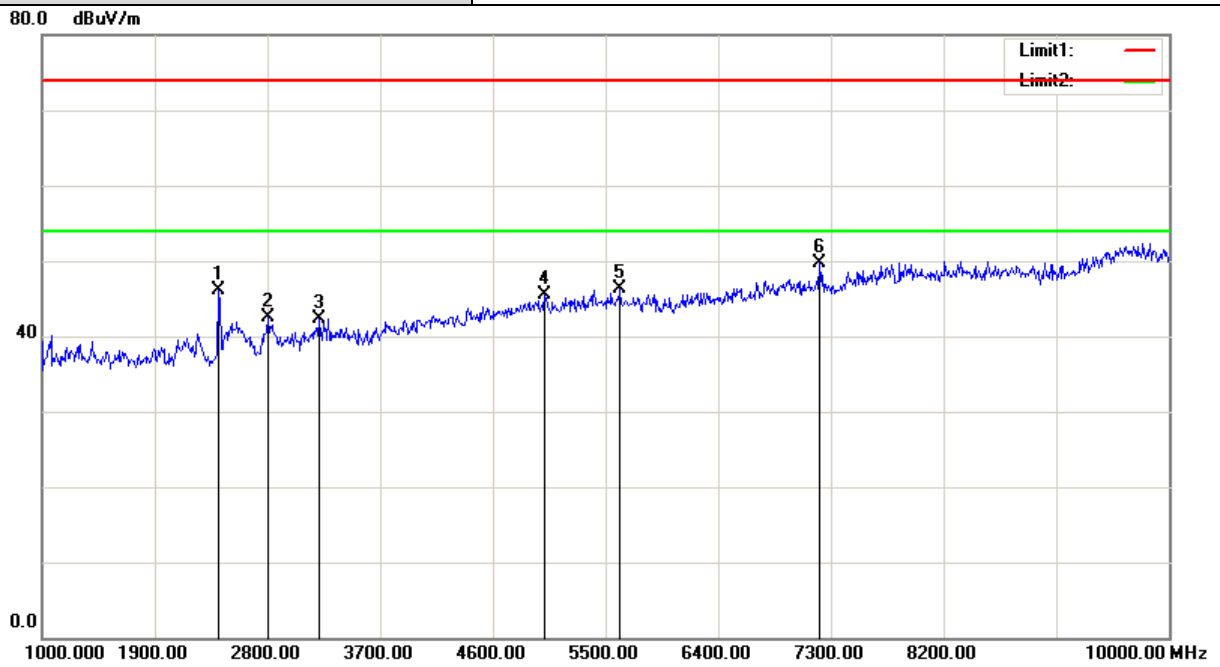
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1063.000	49.42	-8.31	41.11	74.00	-32.89	peak
2	2458.000	51.26	-2.49	48.77	74.00	-25.23	peak
3	2602.000	44.60	-2.08	42.52	74.00	-31.48	peak
4	2809.000	43.65	-1.70	41.95	74.00	-32.05	peak
5	3214.000	42.95	-1.00	41.95	74.00	-32.05	peak
6*	7228.000	40.87	8.14	49.01	74.00	-24.99	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Vertical	



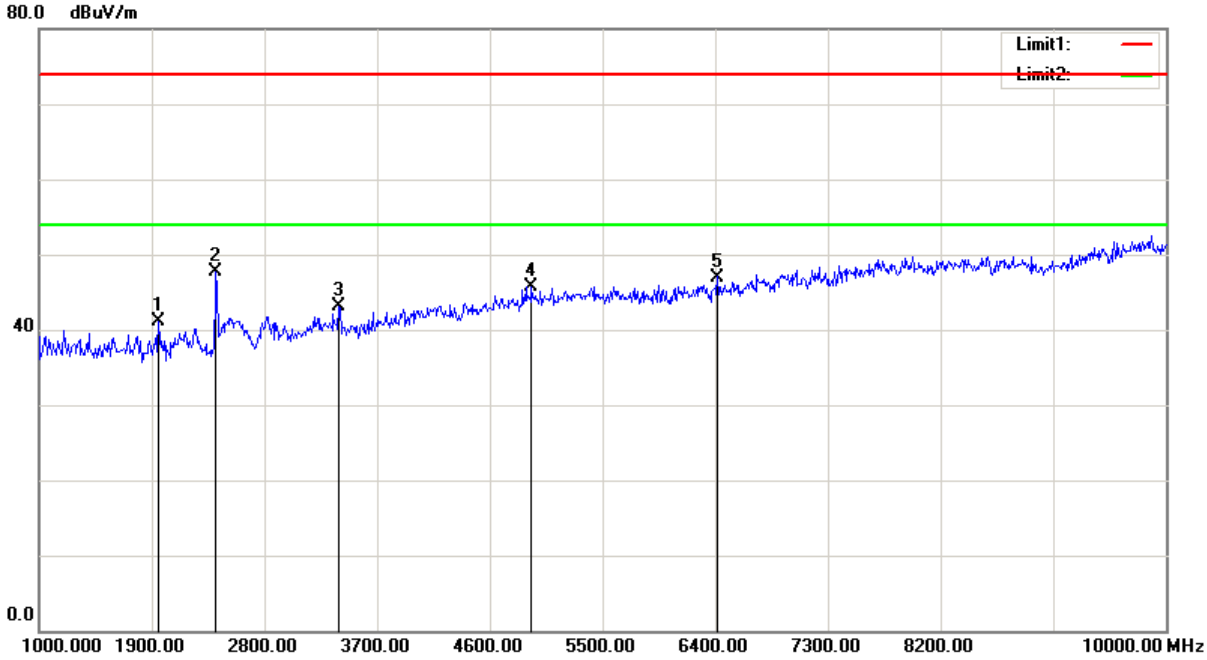
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1396.000	47.10	-7.07	40.03	74.00	-33.97	peak
2	1864.000	45.92	-5.86	40.06	74.00	-33.94	peak
3	2467.000	51.54	-2.44	49.10	74.00	-24.90	peak
4	3250.000	43.32	-0.94	42.38	74.00	-31.62	peak
5	5338.000	39.98	5.58	45.56	74.00	-28.44	peak
6*	7840.000	41.55	9.34	50.89	74.00	-23.11	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	1	Test By	Paul Pan
Ant. Polar.		Horizontal	



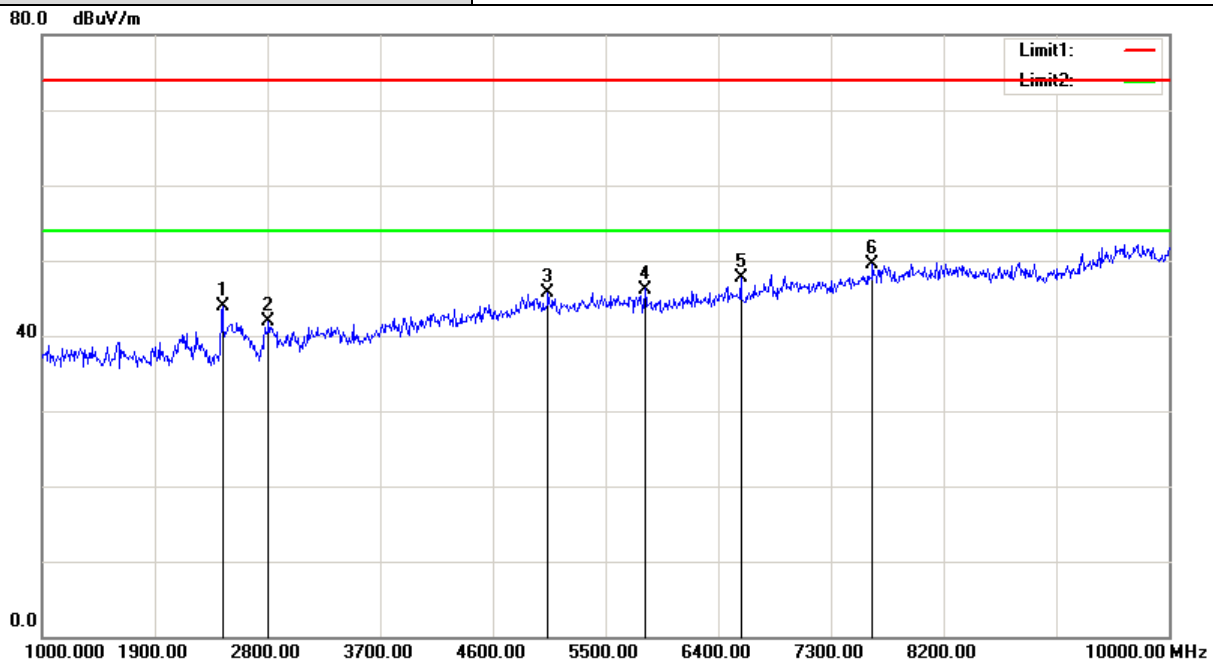
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2404.000	48.97	-2.79	46.18	74.00	-27.82	peak
2	2809.000	44.20	-1.70	42.50	74.00	-31.50	peak
3	3214.000	43.28	-1.00	42.28	74.00	-31.72	peak
4	5014.000	40.41	5.00	45.41	74.00	-28.59	peak
5	5617.000	40.45	5.92	46.37	74.00	-27.63	peak
6*	7210.000	41.53	8.11	49.64	74.00	-24.36	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	1	Test By	Paul Pan
Ant. Polar.		Vertical	



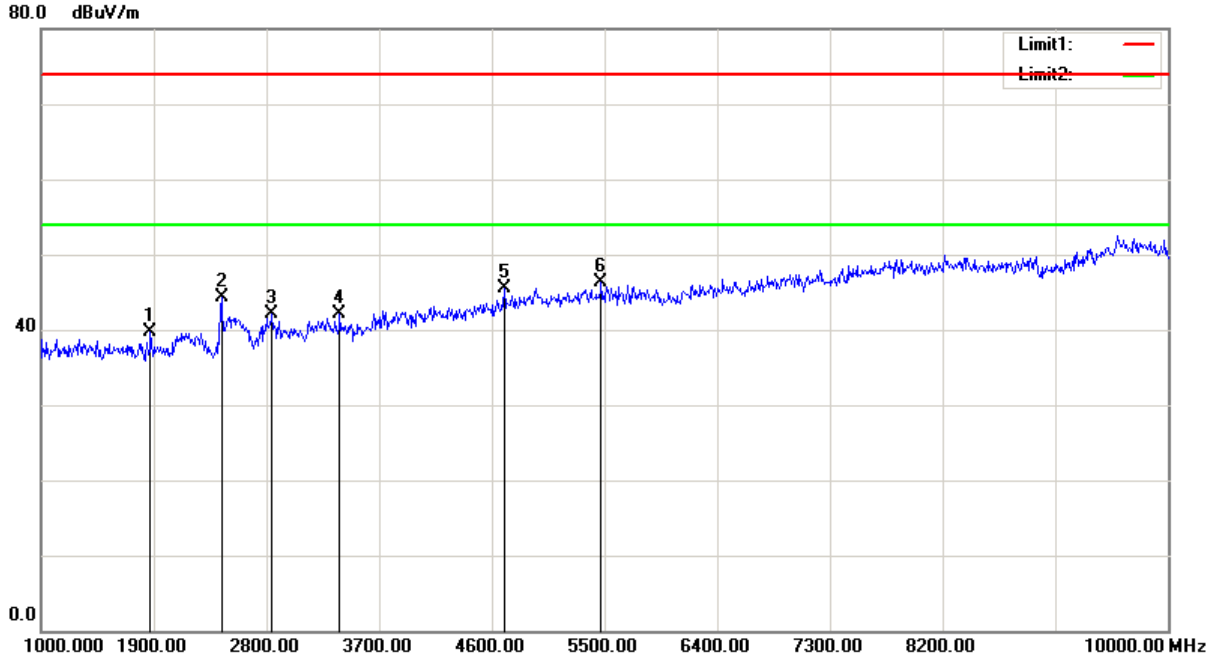
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1954.000	46.48	-5.29	41.19	74.00	-32.81	peak
2*	2413.000	50.41	-2.74	47.67	74.00	-26.33	peak
3	3394.000	43.72	-0.70	43.02	74.00	-30.98	peak
4	4933.000	41.03	4.76	45.79	74.00	-28.21	peak
5	6418.000	40.24	6.76	47.00	74.00	-27.00	peak
1	1954.000	46.48	-5.29	41.19	74.00	-32.81	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Horizontal	



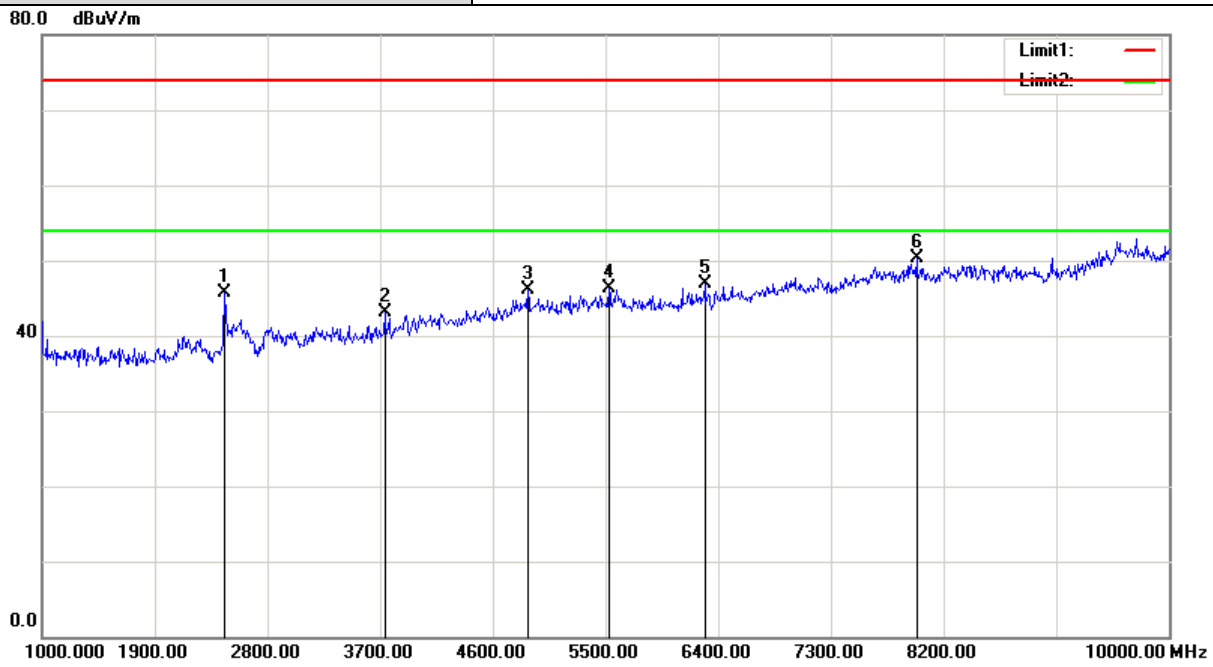
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2440.000	46.54	-2.59	43.95	74.00	-30.05	peak
2	2809.000	43.57	-1.70	41.87	74.00	-32.13	peak
3	5041.000	40.65	5.05	45.70	74.00	-28.30	peak
4	5815.000	40.20	6.00	46.20	74.00	-27.80	peak
5	6580.000	40.60	7.02	47.62	74.00	-26.38	peak
6*	7633.000	40.50	8.93	49.43	74.00	-24.57	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Vertical	



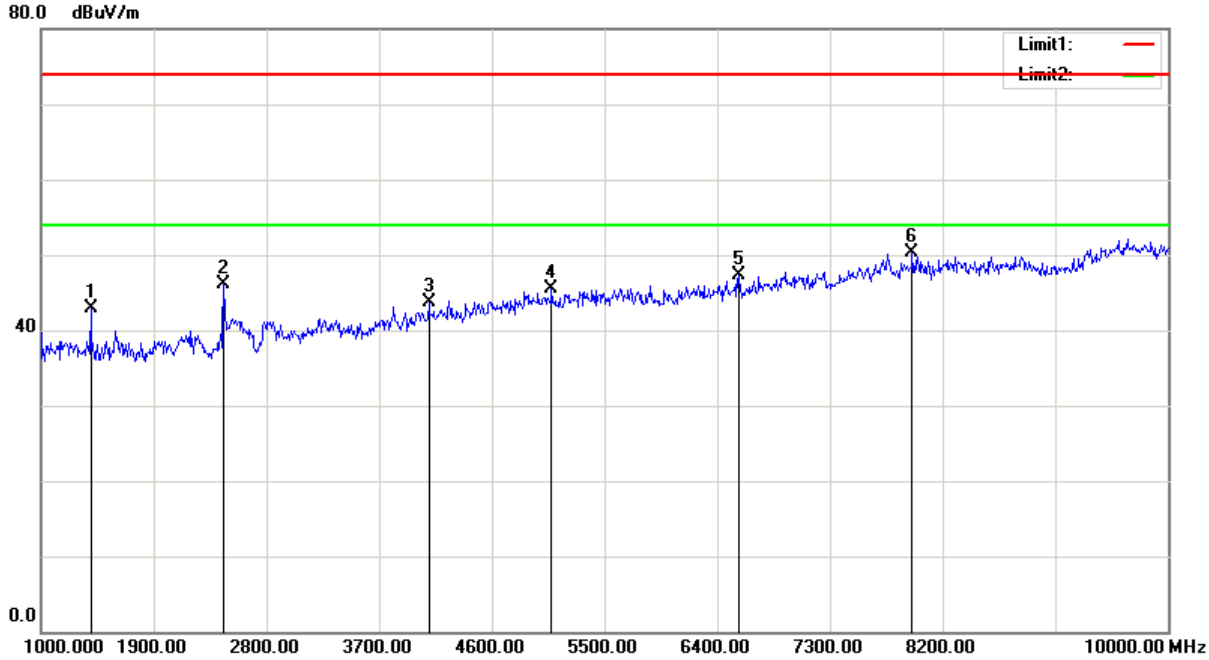
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1873.000	45.42	-5.81	39.61	74.00	-34.39	peak
2	2440.000	46.94	-2.59	44.35	74.00	-29.65	peak
3	2845.000	43.73	-1.64	42.09	74.00	-31.91	peak
4	3385.000	42.79	-0.71	42.08	74.00	-31.92	peak
5	4699.000	41.45	4.00	45.45	74.00	-28.55	peak
6*	5473.000	40.50	5.82	46.32	74.00	-27.68	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Horizontal	



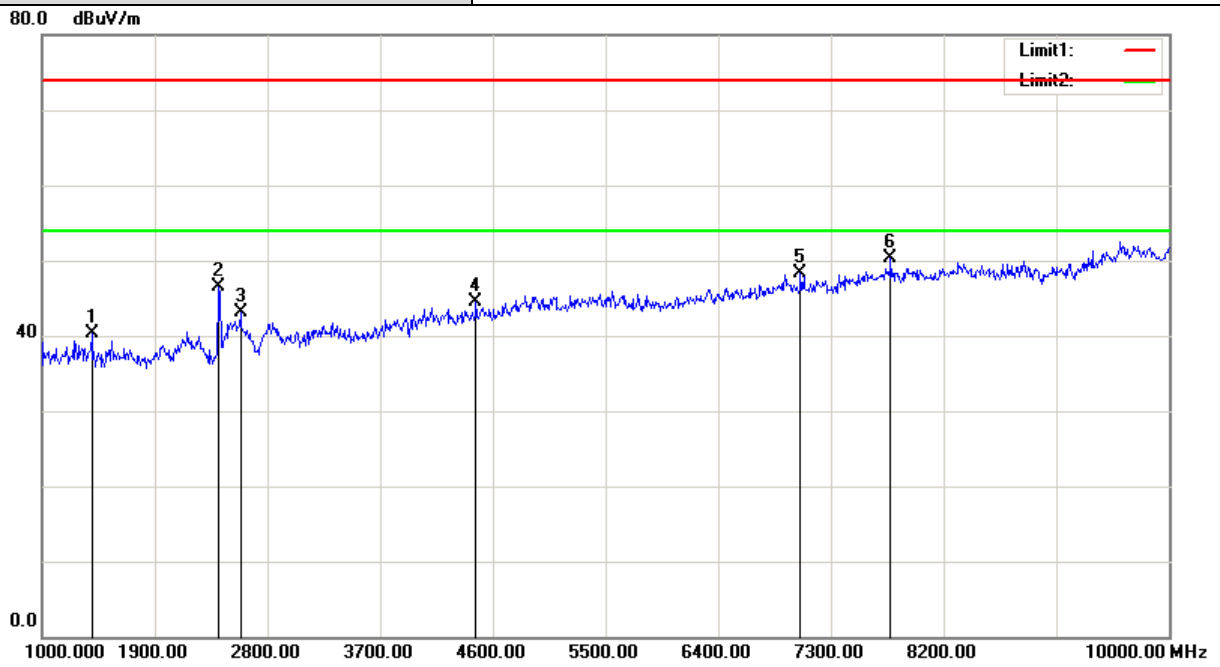
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2458.000	48.26	-2.49	45.77	74.00	-28.23	peak
2	3736.000	42.59	0.48	43.07	74.00	-30.93	peak
3	4879.000	41.59	4.59	46.18	74.00	-27.82	peak
4	5527.000	40.44	5.88	46.32	74.00	-27.68	peak
5	6292.000	40.29	6.55	46.84	74.00	-27.16	peak
6*	7984.000	40.69	9.62	50.31	74.00	-23.69	peak

Mode	802.11g	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Vertical	



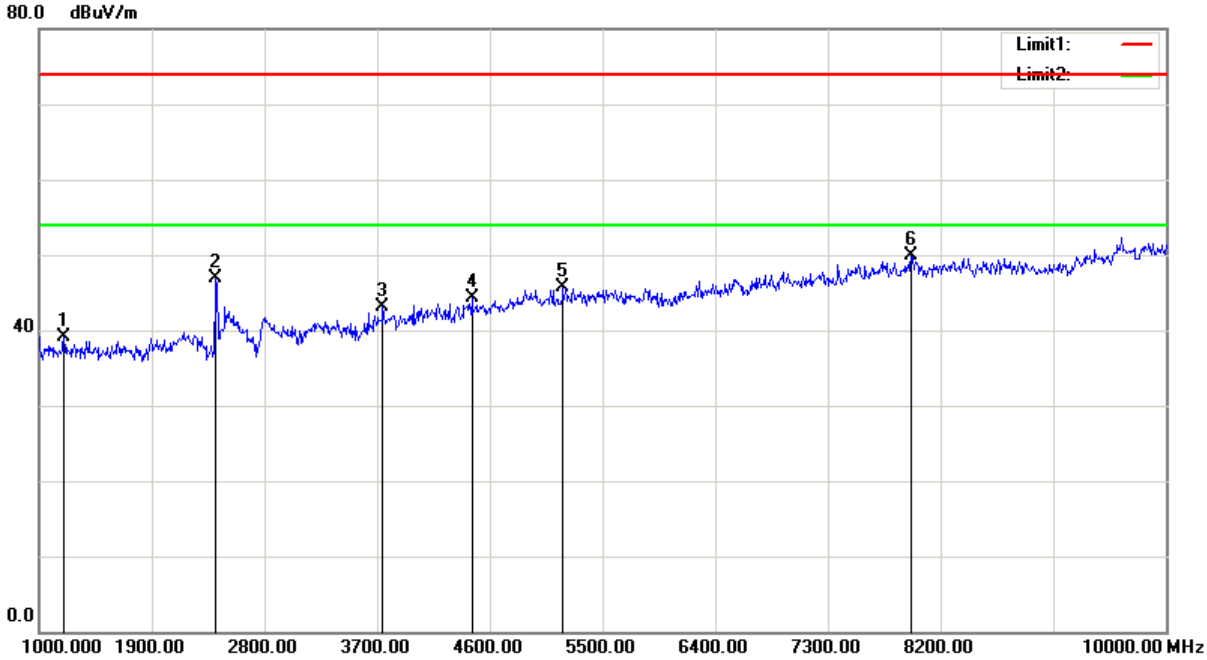
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1396.000	50.04	-7.07	42.97	74.00	-31.03	peak
2	2458.000	48.50	-2.49	46.01	74.00	-27.99	peak
3	4096.000	41.81	1.93	43.74	74.00	-30.26	peak
4	5077.000	40.36	5.12	45.48	74.00	-28.52	peak
5	6571.000	40.31	7.01	47.32	74.00	-26.68	peak
6*	7957.000	40.81	9.57	50.38	74.00	-23.62	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	1	Test By	Paul Pan
Ant. Polar.		Horizontal	



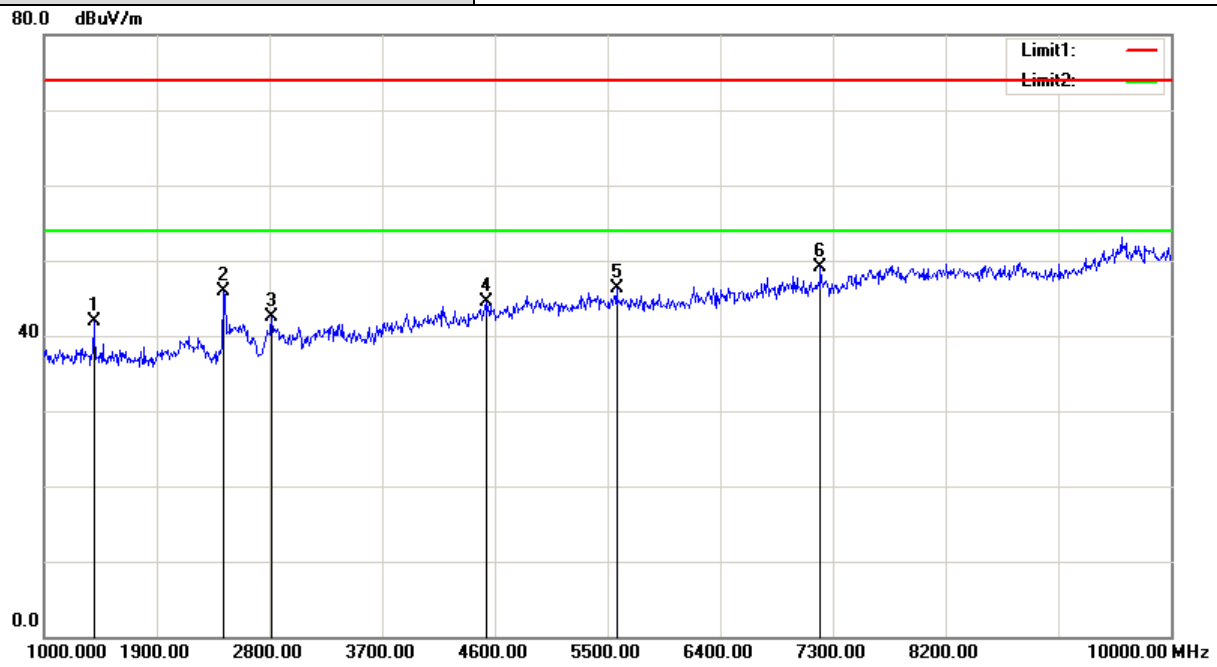
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1396.000	47.36	-7.07	40.29	74.00	-33.71	peak
2	2413.000	49.24	-2.74	46.50	74.00	-27.50	peak
3	2584.000	45.21	-2.11	43.10	74.00	-30.90	peak
4	4465.000	41.24	3.23	44.47	74.00	-29.53	peak
5	7057.000	40.40	7.81	48.21	74.00	-25.79	peak
6*	7777.000	41.10	9.22	50.32	74.00	-23.68	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	1	Test By	Paul Pan
Ant. Polar.		Vertical	



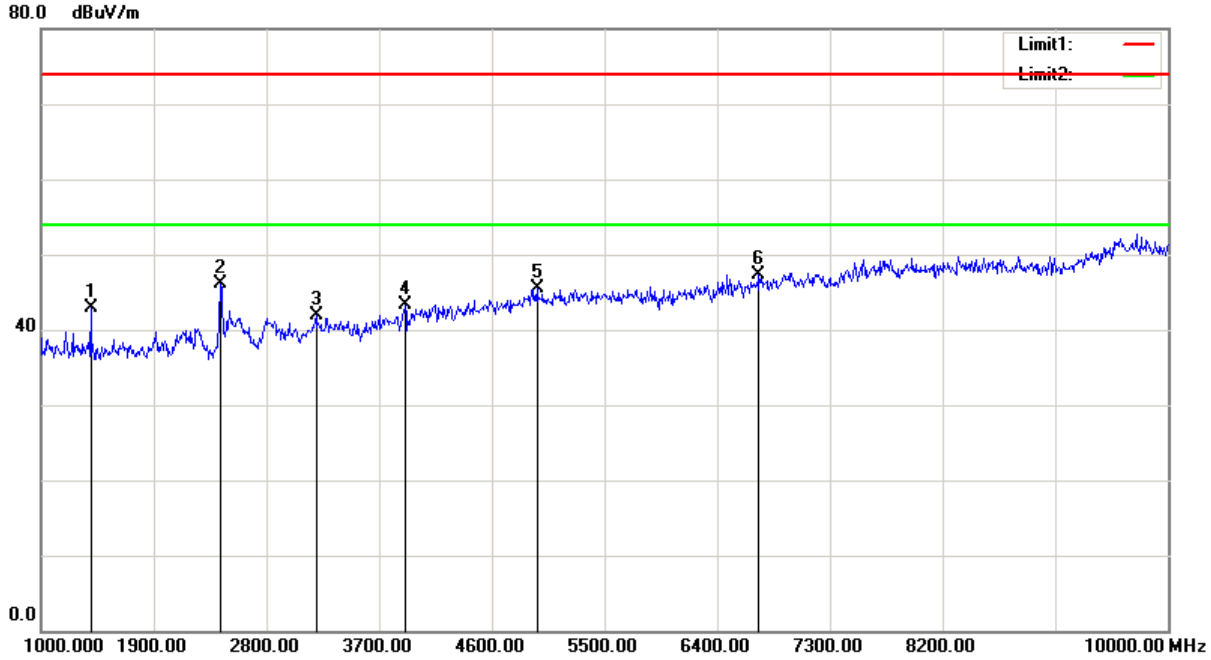
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.000	46.90	-7.80	39.10	74.00	-34.90	peak
2	2413.000	49.61	-2.74	46.87	74.00	-27.13	peak
3	3745.000	42.61	0.51	43.12	74.00	-30.88	peak
4	4456.000	41.18	3.20	44.38	74.00	-29.62	peak
5	5185.000	40.32	5.31	45.63	74.00	-28.37	peak
6*	7966.000	40.25	9.58	49.83	74.00	-24.17	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Horizontal	



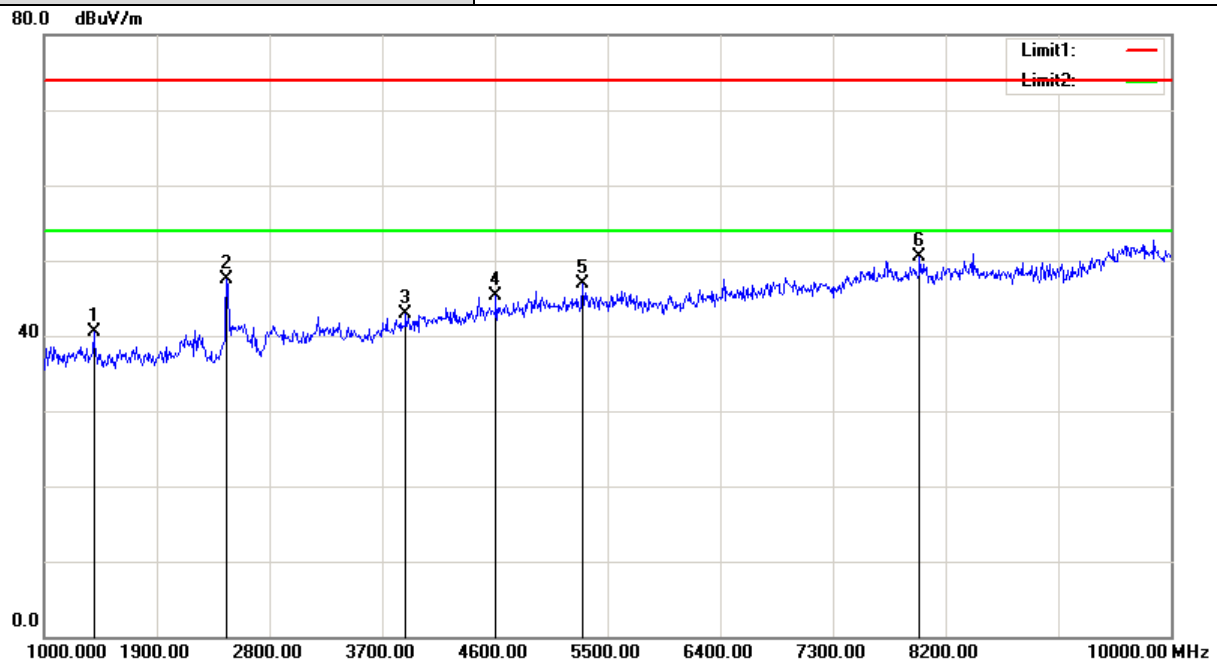
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1396.000	49.07	-7.07	42.00	74.00	-32.00	peak
2	2431.000	48.49	-2.64	45.85	74.00	-28.15	peak
3	2818.000	44.17	-1.69	42.48	74.00	-31.52	peak
4	4528.000	41.10	3.44	44.54	74.00	-29.46	peak
5	5572.000	40.49	5.90	46.39	74.00	-27.61	peak
6*	7201.000	41.06	8.09	49.15	74.00	-24.85	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Vertical	



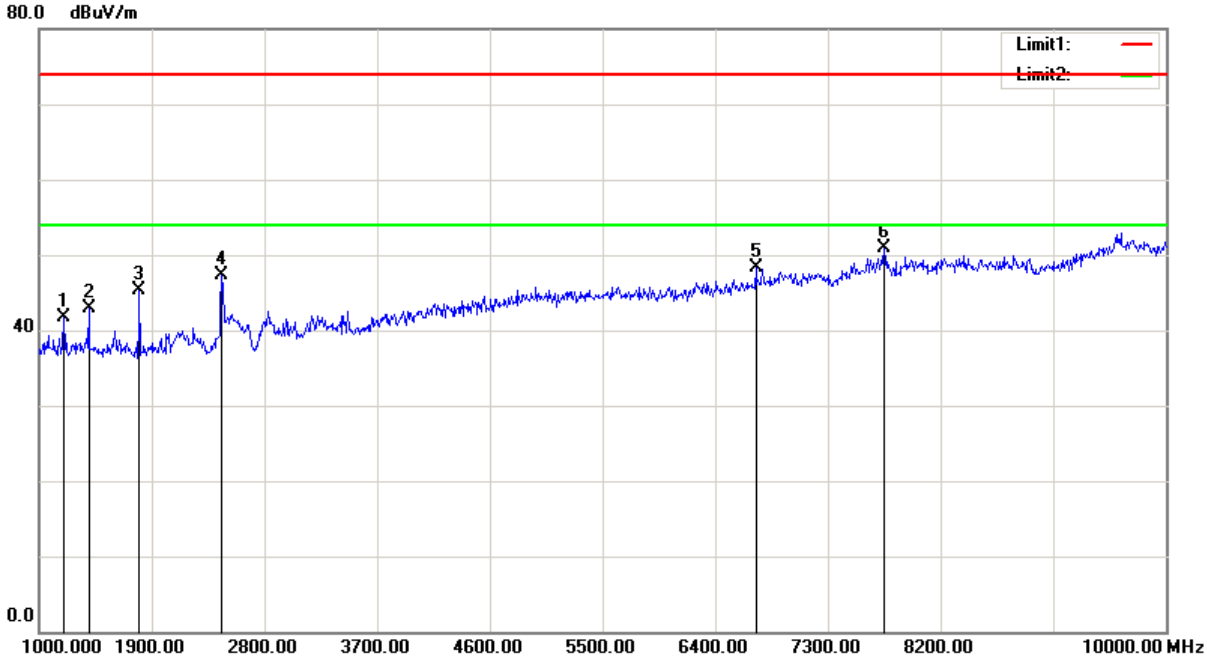
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1396.000	49.95	-7.07	42.88	74.00	-31.12	peak
2	2431.000	48.81	-2.64	46.17	74.00	-27.83	peak
3	3196.000	42.91	-1.03	41.88	74.00	-32.12	peak
4	3907.000	42.01	1.20	43.21	74.00	-30.79	peak
5	4960.000	40.60	4.85	45.45	74.00	-28.55	peak
6*	6733.000	39.96	7.27	47.23	74.00	-26.77	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Horizontal	



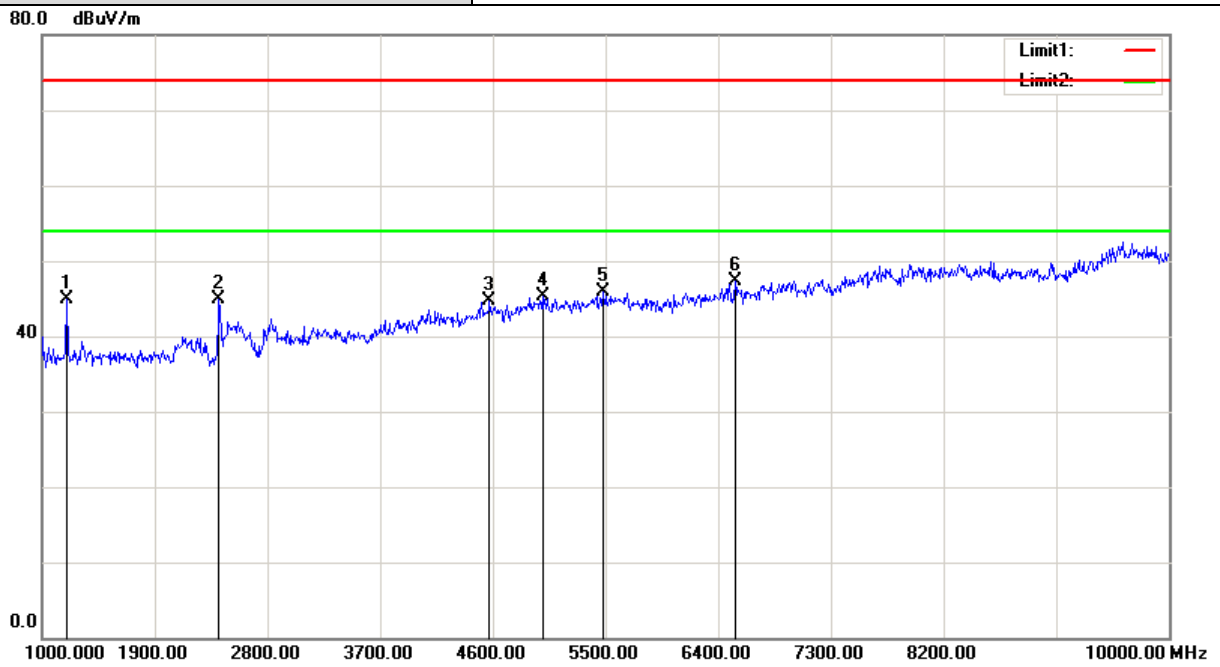
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1396.000	47.54	-7.07	40.47	74.00	-33.53	peak
2	2458.000	50.06	-2.49	47.57	74.00	-26.43	peak
3	3889.000	41.82	1.12	42.94	74.00	-31.06	peak
4	4609.000	41.62	3.71	45.33	74.00	-28.67	peak
5	5302.000	41.38	5.52	46.90	74.00	-27.10	peak
6*	7993.000	40.79	9.64	50.43	74.00	-23.57	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Vertical	



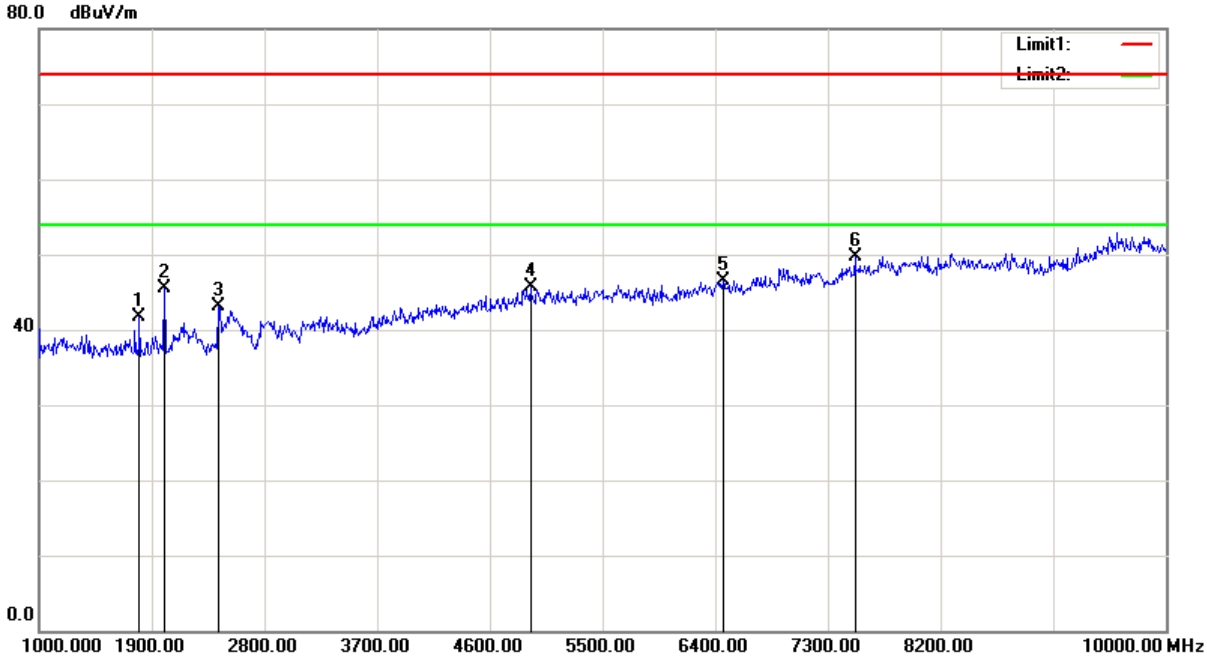
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	49.50	-7.80	41.70	74.00	-32.30	peak
2	1396.000	50.04	-7.07	42.97	74.00	-31.03	peak
3	1801.000	51.47	-6.26	45.21	74.00	-28.79	peak
4	2458.000	49.72	-2.49	47.23	74.00	-26.77	peak
5	6724.000	41.01	7.25	48.26	74.00	-25.74	peak
6*	7750.000	41.68	9.16	50.84	74.00	-23.16	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	1	Test By	Paul Pan
Ant. Polar.		Horizontal	



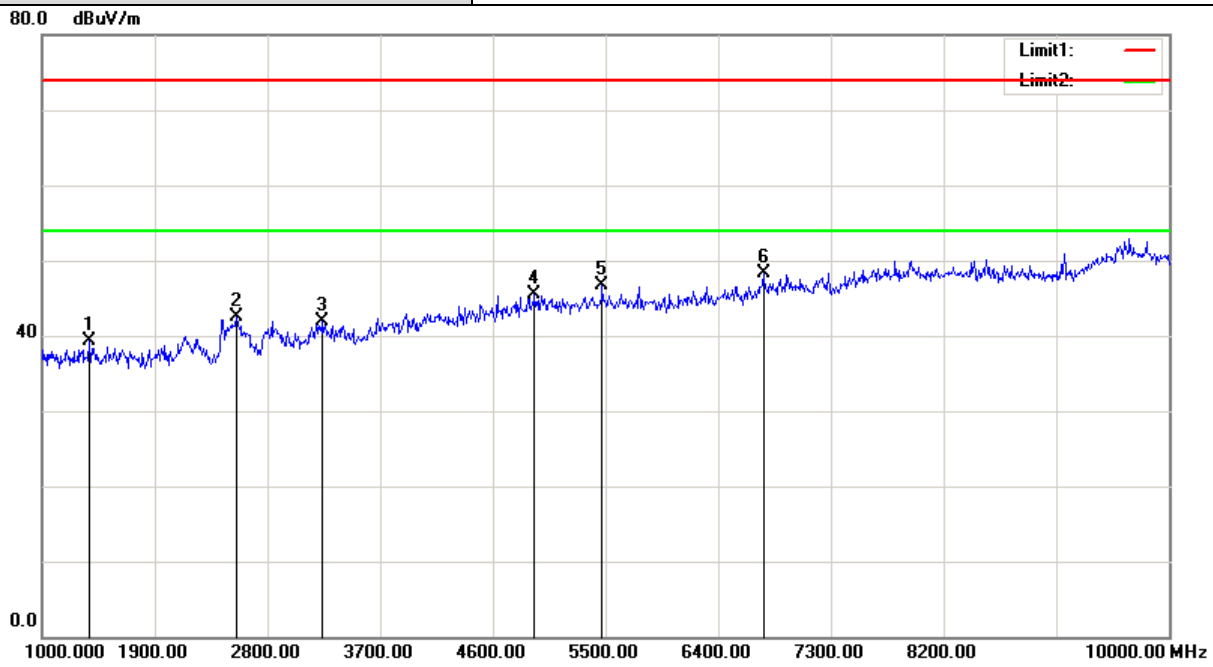
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.000	52.71	-7.80	44.91	74.00	-29.09	peak
2	2413.000	47.66	-2.74	44.92	74.00	-29.08	peak
3	4573.000	41.04	3.59	44.63	74.00	-29.37	peak
4	4996.000	40.43	4.97	45.40	74.00	-28.60	peak
5	5482.000	40.02	5.84	45.86	74.00	-28.14	peak
6*	6535.000	40.44	6.95	47.39	74.00	-26.61	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	1	Test By	Paul Pan
Ant. Polar.		Vertical	



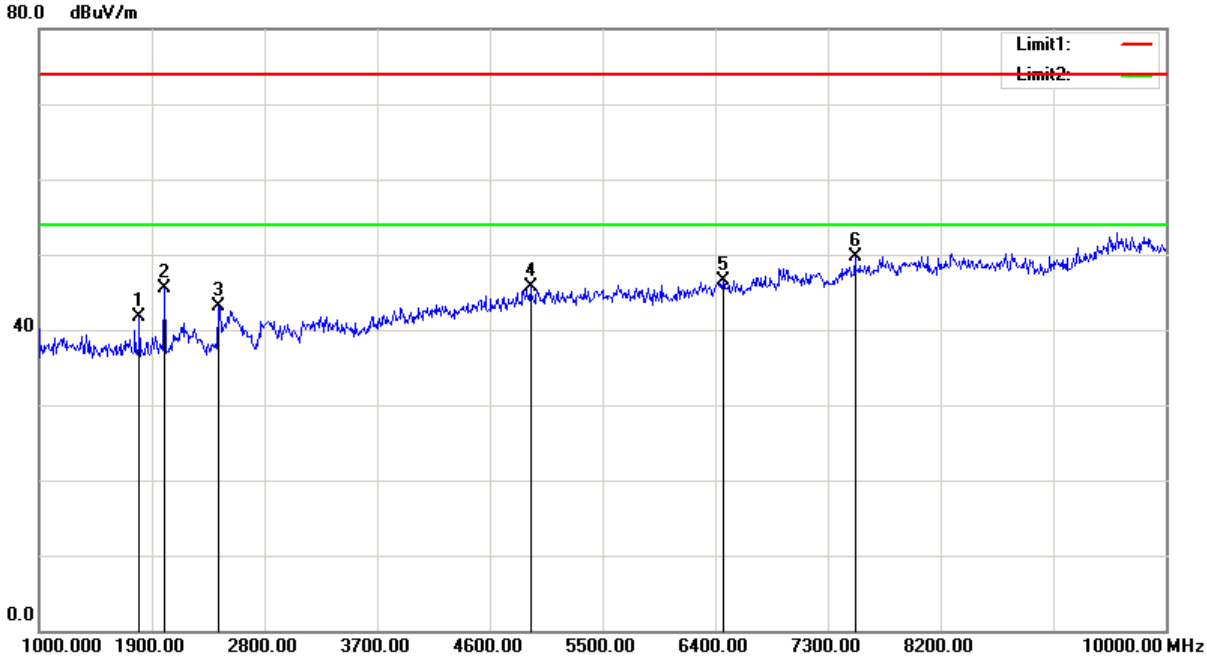
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1801.000	47.92	-6.26	41.66	74.00	-32.34	peak
2	1999.000	50.52	-5.01	45.51	74.00	-28.49	peak
3	2431.000	45.80	-2.64	43.16	74.00	-30.84	peak
4	4924.000	40.98	4.73	45.71	74.00	-28.29	peak
5	6463.000	39.74	6.83	46.57	74.00	-27.43	peak
6*	7516.000	41.01	8.71	49.72	74.00	-24.28	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Horizontal	



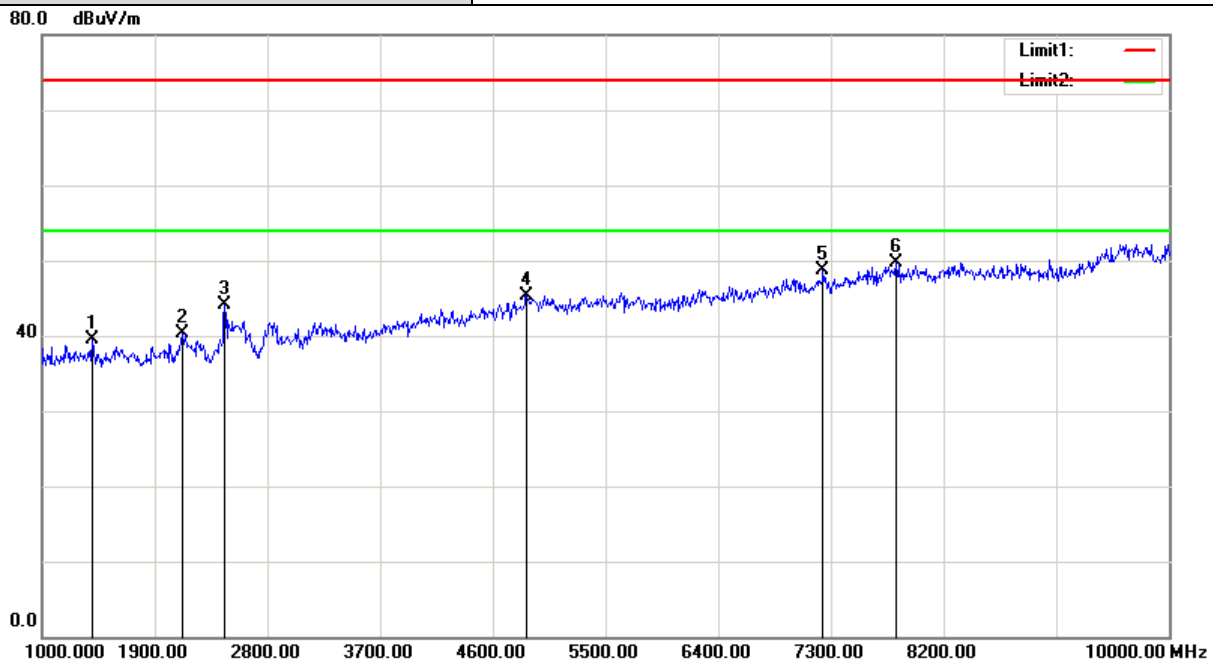
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1378.000	46.36	-7.14	39.22	74.00	-34.78	peak
2	2548.000	44.76	-2.17	42.59	74.00	-31.41	peak
3	3241.000	42.79	-0.96	41.83	74.00	-32.17	peak
4	4933.000	40.66	4.76	45.42	74.00	-28.58	peak
5	5473.000	40.95	5.82	46.77	74.00	-27.23	peak
6*	6760.000	40.99	7.31	48.30	74.00	-25.70	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Vertical	



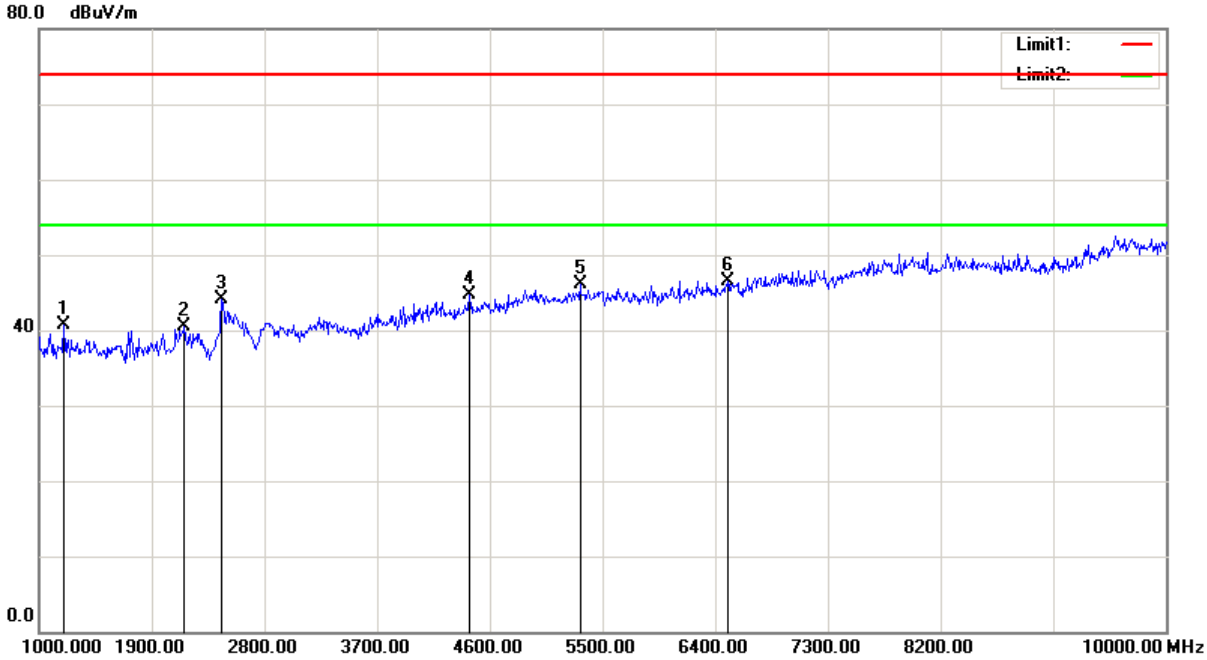
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1801.000	47.92	-6.26	41.66	74.00	-32.34	peak
2	1999.000	50.52	-5.01	45.51	74.00	-28.49	peak
3	2431.000	45.80	-2.64	43.16	74.00	-30.84	peak
4	4924.000	40.98	4.73	45.71	74.00	-28.29	peak
5	6463.000	39.74	6.83	46.57	74.00	-27.43	peak
6*	7516.000	41.01	8.71	49.72	74.00	-24.28	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Horizontal	



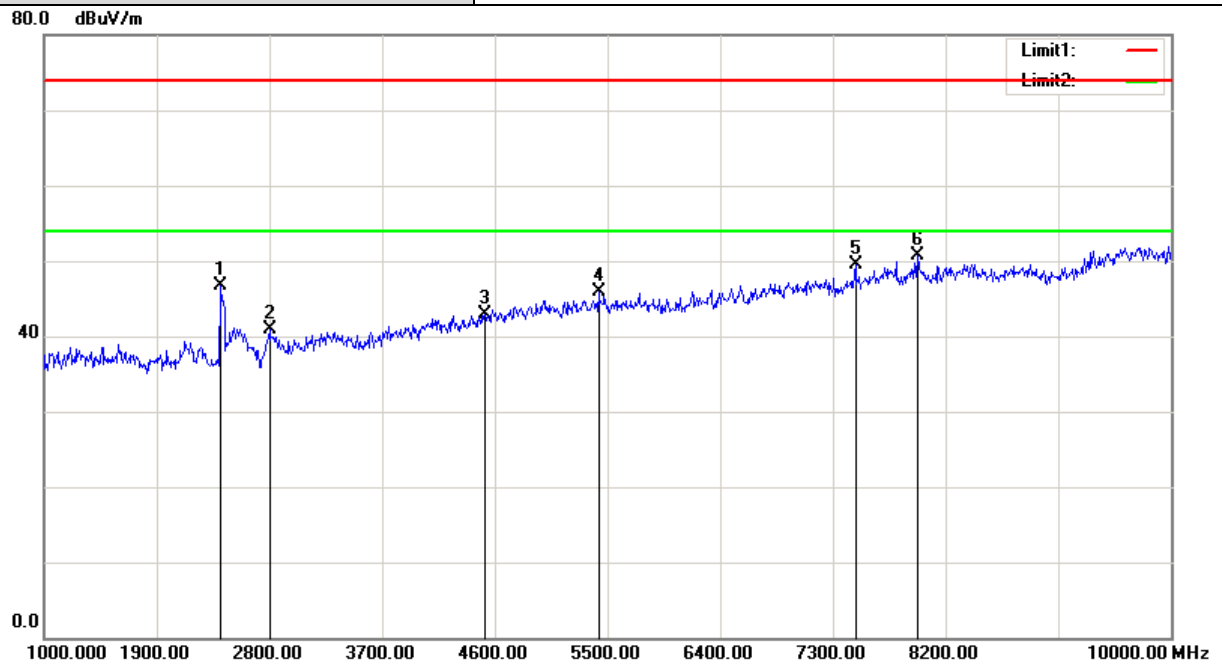
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1396.000	46.60	-7.07	39.53	74.00	-34.47	peak
2	2125.000	44.69	-4.31	40.38	74.00	-33.62	peak
3	2458.000	46.61	-2.49	44.12	74.00	-29.88	peak
4	4870.000	40.74	4.56	45.30	74.00	-28.70	peak
5	7237.000	40.45	8.16	48.61	74.00	-25.39	peak
6*	7822.000	40.35	9.30	49.65	74.00	-24.35	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Vertical	



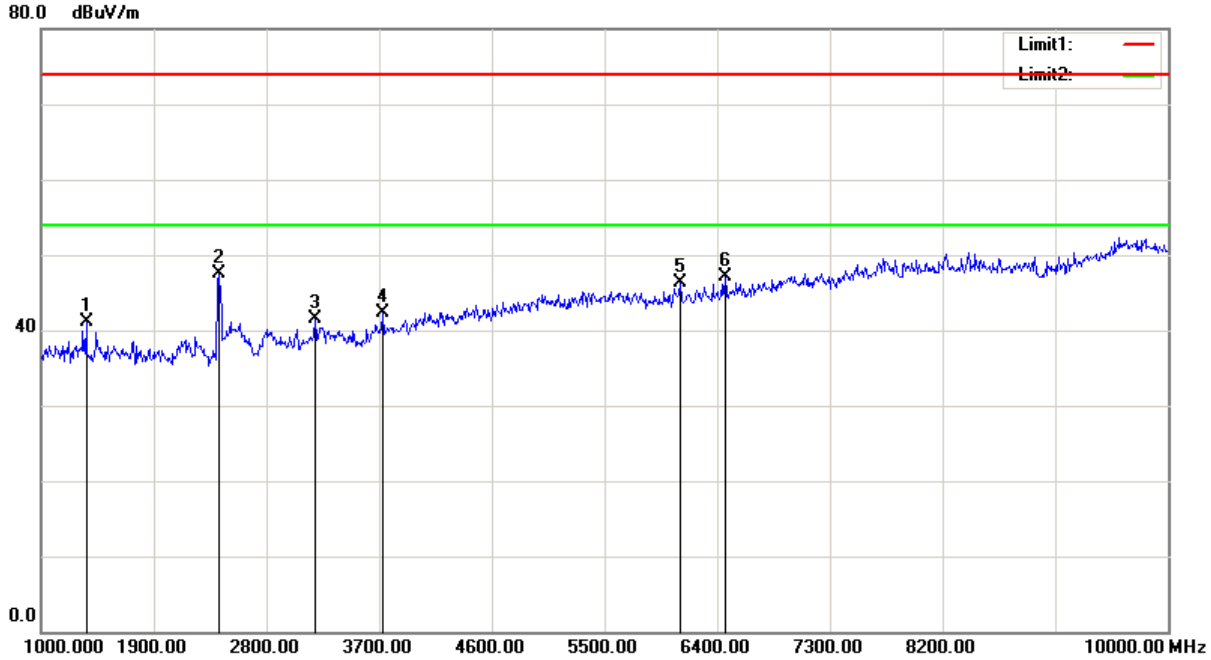
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	48.46	-7.80	40.66	74.00	-33.34	peak
2	2161.000	44.62	-4.12	40.50	74.00	-33.50	peak
3	2458.000	46.63	-2.49	44.14	74.00	-29.86	peak
4	4438.000	41.58	3.13	44.71	74.00	-29.29	peak
5	5320.000	40.57	5.55	46.12	74.00	-27.88	peak
6*	6499.000	39.63	6.89	46.52	74.00	-27.48	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	3	Test By	Paul Pan
Ant. Polar.		Horizontal	



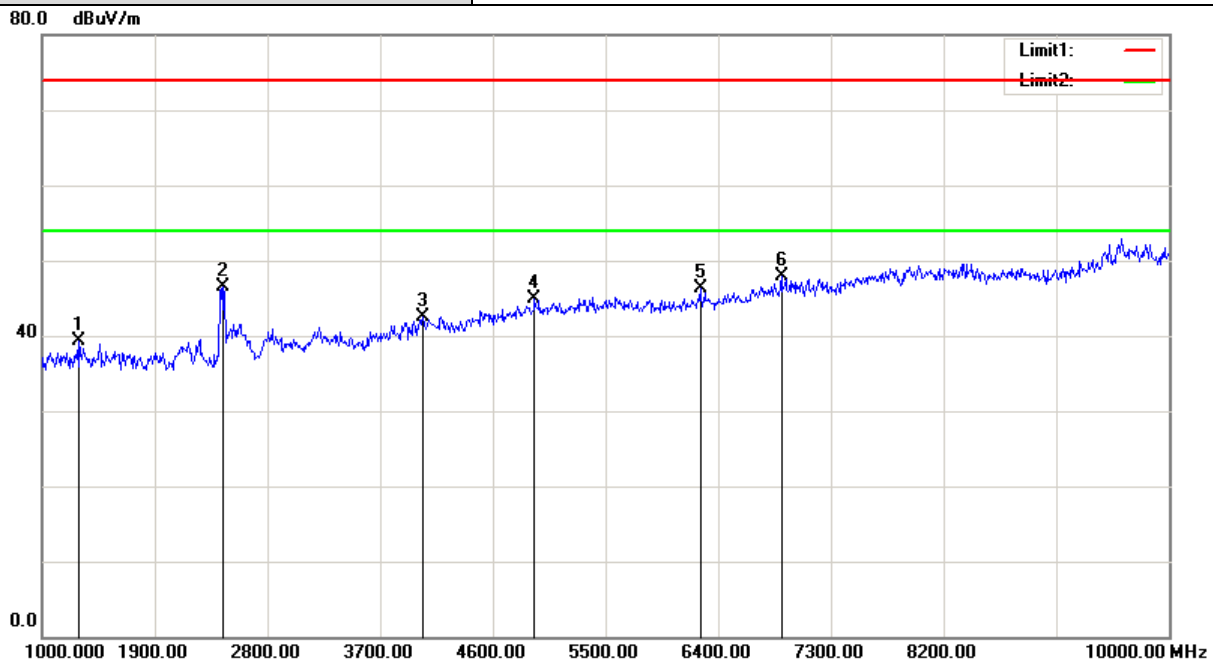
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2413.000	49.41	-2.74	46.67	74.00	-27.33	peak
2	2800.000	42.71	-1.72	40.99	74.00	-33.01	peak
3	4519.000	39.49	3.41	42.90	74.00	-31.10	peak
4	5428.000	40.10	5.74	45.84	74.00	-28.16	peak
5	7480.000	40.86	8.64	49.50	74.00	-24.50	peak
6*	7975.000	41.11	9.60	50.71	74.00	-23.29	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	3	Test By	Paul Pan
Ant. Polar.		Vertical	



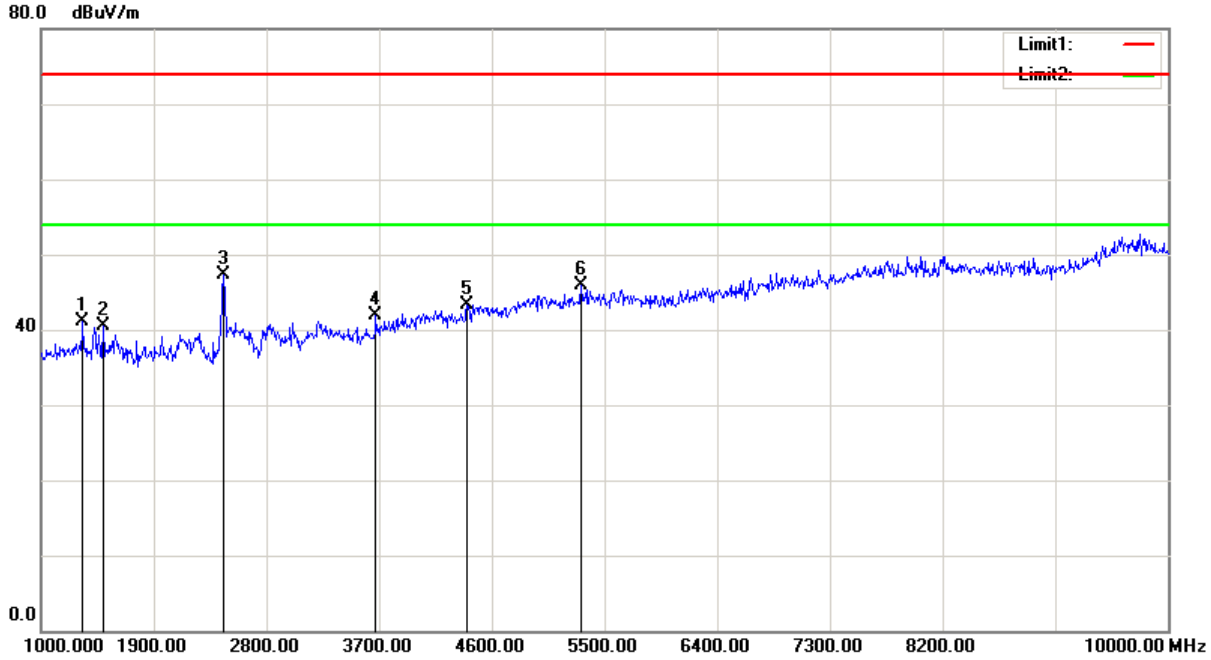
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1360.000	48.40	-7.21	41.19	74.00	-32.81	peak
2*	2422.000	50.13	-2.69	47.44	74.00	-26.56	peak
3	3187.000	42.55	-1.05	41.50	74.00	-32.50	peak
4	3727.000	41.92	0.44	42.36	74.00	-31.64	peak
5	6103.000	40.08	6.25	46.33	74.00	-27.67	peak
6	6463.000	40.19	6.83	47.02	74.00	-26.98	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Horizontal	



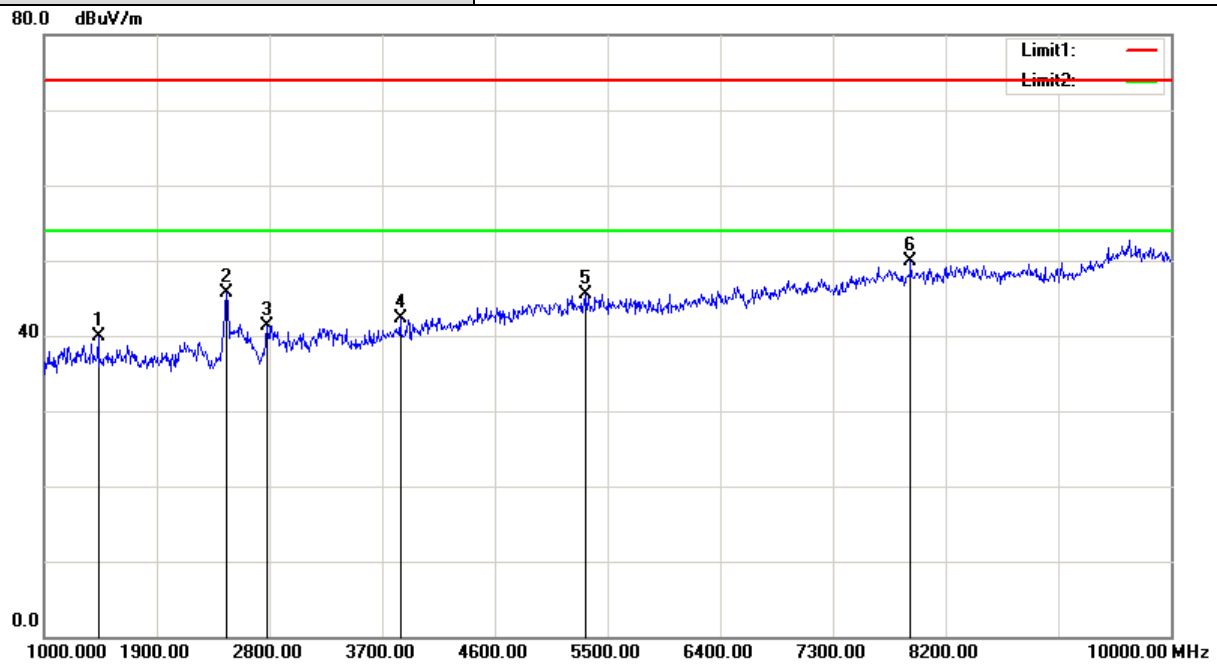
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1288.000	46.85	-7.47	39.38	74.00	-34.62	peak
2	2449.000	49.03	-2.54	46.49	74.00	-27.51	peak
3	4042.000	40.76	1.74	42.50	74.00	-31.50	peak
4	4933.000	40.16	4.76	44.92	74.00	-29.08	peak
5	6256.000	39.72	6.49	46.21	74.00	-27.79	peak
6*	6904.000	40.33	7.54	47.87	74.00	-26.13	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Vertical	



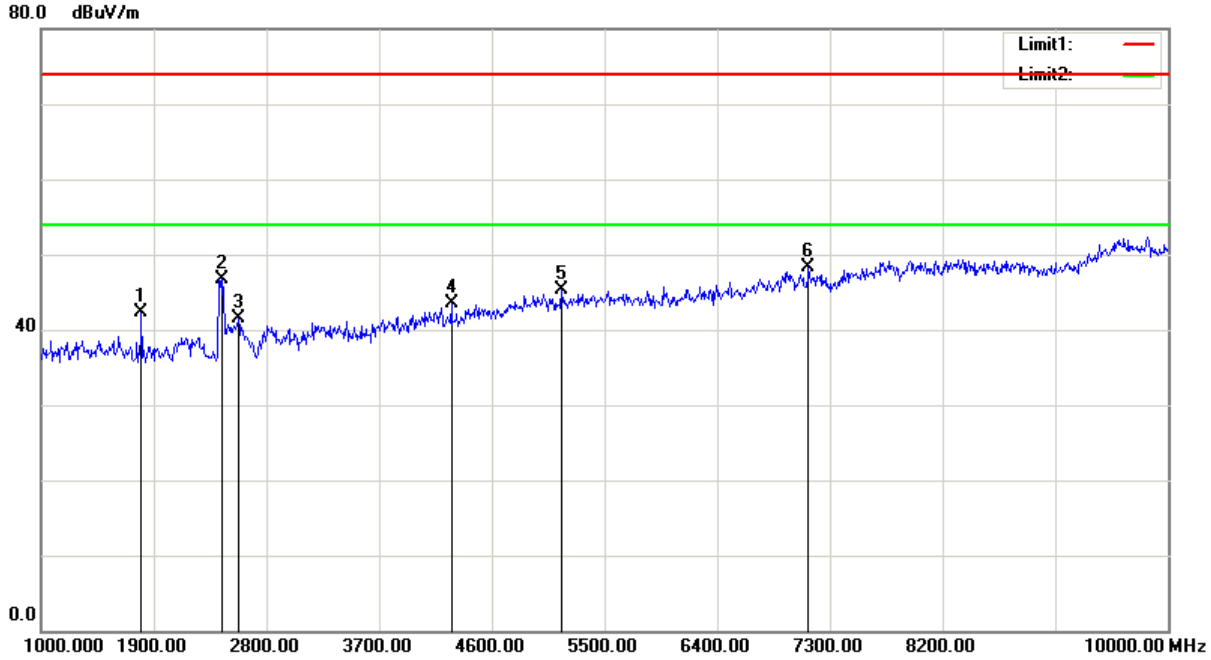
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1333.000	48.38	-7.30	41.08	74.00	-32.92	peak
2	1495.000	47.37	-6.89	40.48	74.00	-33.52	peak
3*	2458.000	49.74	-2.49	47.25	74.00	-26.75	peak
4	3673.000	41.69	0.21	41.90	74.00	-32.10	peak
5	4402.000	40.36	3.01	43.37	74.00	-30.63	peak
6	5311.000	40.44	5.53	45.97	74.00	-28.03	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	9	Test By	Paul Pan
Ant. Polar.		Horizontal	



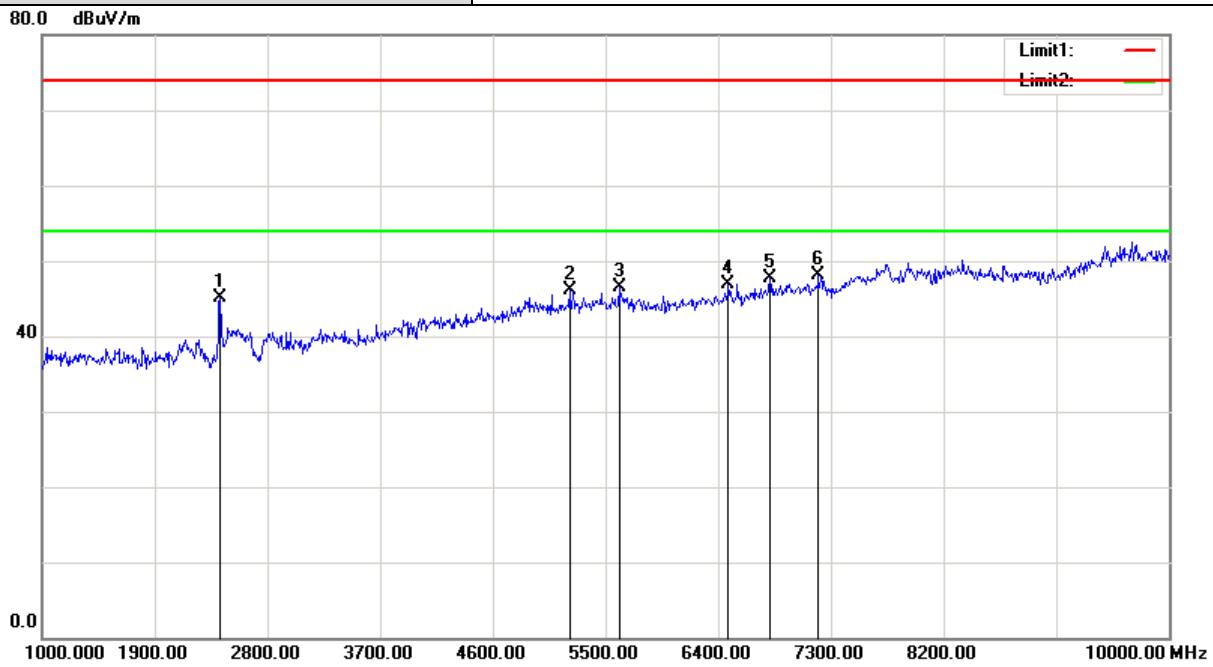
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1432.000	46.81	-7.00	39.81	74.00	-34.19	peak
2	2458.000	48.25	-2.49	45.76	74.00	-28.24	peak
3	2782.000	43.12	-1.75	41.37	74.00	-32.63	peak
4	3844.000	41.28	0.93	42.21	74.00	-31.79	peak
5	5329.000	39.96	5.57	45.53	74.00	-28.47	peak
6*	7921.000	40.31	9.50	49.81	74.00	-24.19	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	9	Test By	Paul Pan
Ant. Polar.		Vertical	



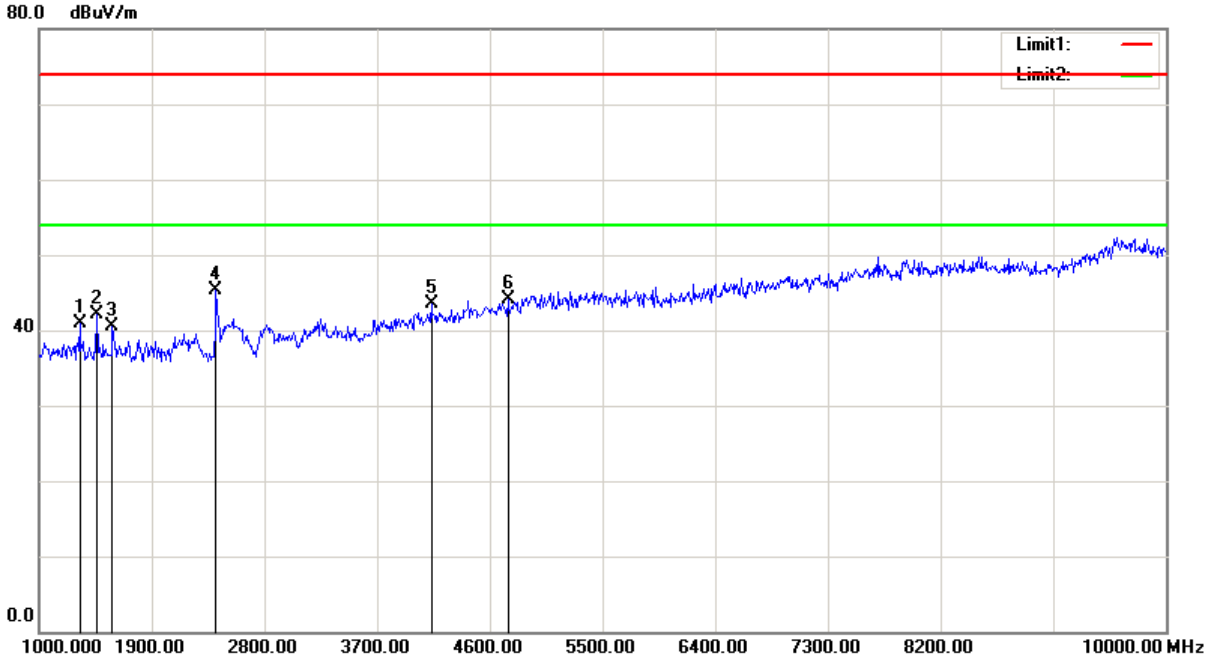
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1801.000	48.52	-6.26	42.26	74.00	-31.74	peak
2	2449.000	49.33	-2.54	46.79	74.00	-27.21	peak
3	2575.000	43.60	-2.12	41.48	74.00	-32.52	peak
4	4276.000	40.87	2.56	43.43	74.00	-30.57	peak
5	5158.000	40.11	5.26	45.37	74.00	-28.63	peak
6*	7129.000	40.44	7.95	48.39	74.00	-25.61	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	3	Test By	Paul Pan
Ant. Polar.		Horizontal	



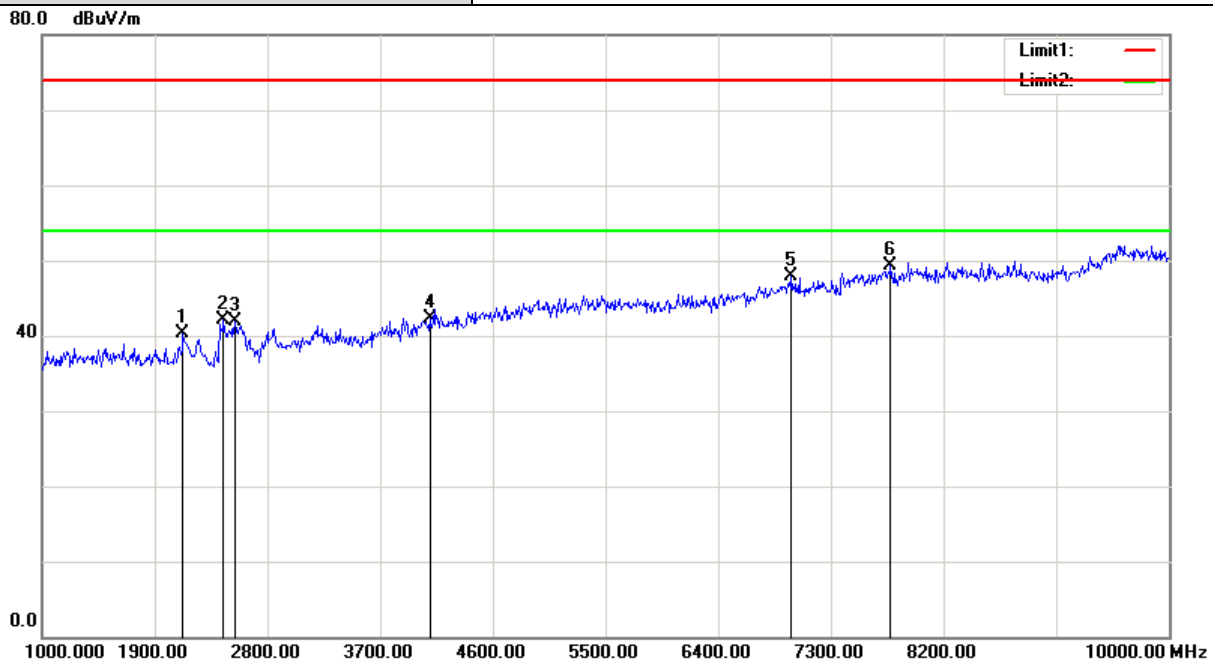
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2422.000	47.74	-2.69	45.05	74.00	-28.95	peak
2	5212.000	40.81	5.36	46.17	74.00	-27.83	peak
3	5608.000	40.51	5.92	46.43	74.00	-27.57	peak
4	6481.000	40.05	6.86	46.91	74.00	-27.09	peak
5	6814.000	40.40	7.40	47.80	74.00	-26.20	peak
6*	7201.000	39.97	8.09	48.06	74.00	-25.94	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	3	Test By	Paul Pan
Ant. Polar.		Vertical	



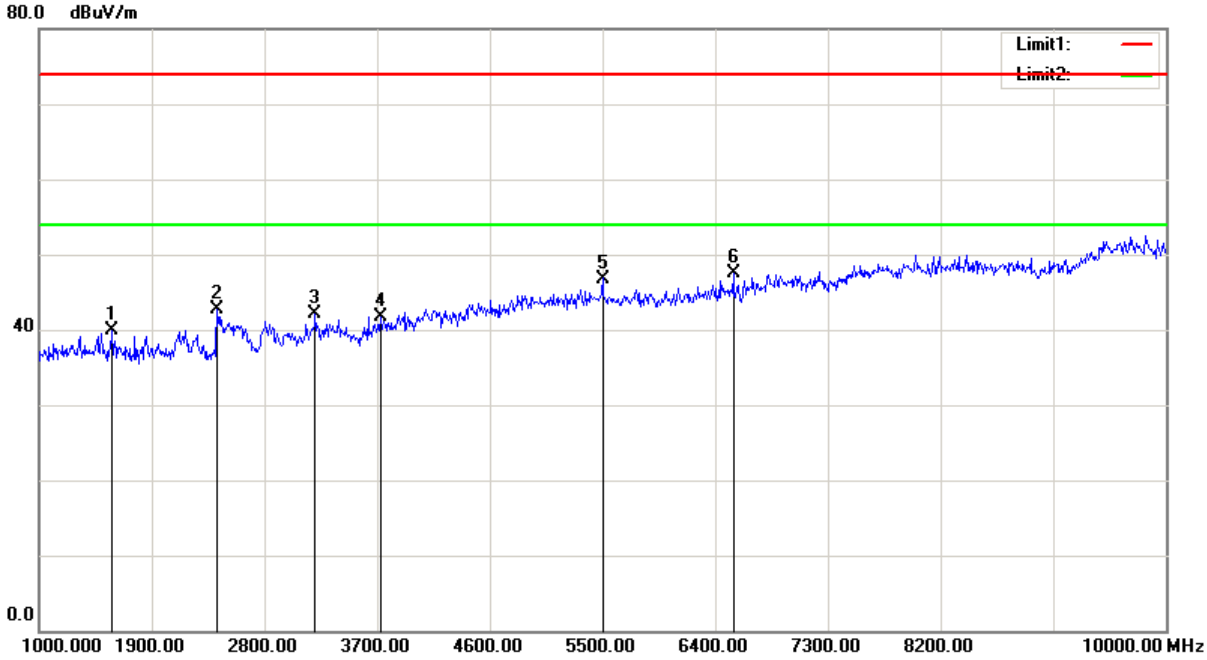
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1324.000	48.28	-7.34	40.94	74.00	-33.06	peak
2	1459.000	49.12	-6.95	42.17	74.00	-31.83	peak
3	1585.000	47.27	-6.73	40.54	74.00	-33.46	peak
4*	2413.000	48.01	-2.74	45.27	74.00	-28.73	peak
5	4132.000	41.53	2.05	43.58	74.00	-30.42	peak
6	4744.000	39.88	4.15	44.03	74.00	-29.97	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Horizontal	



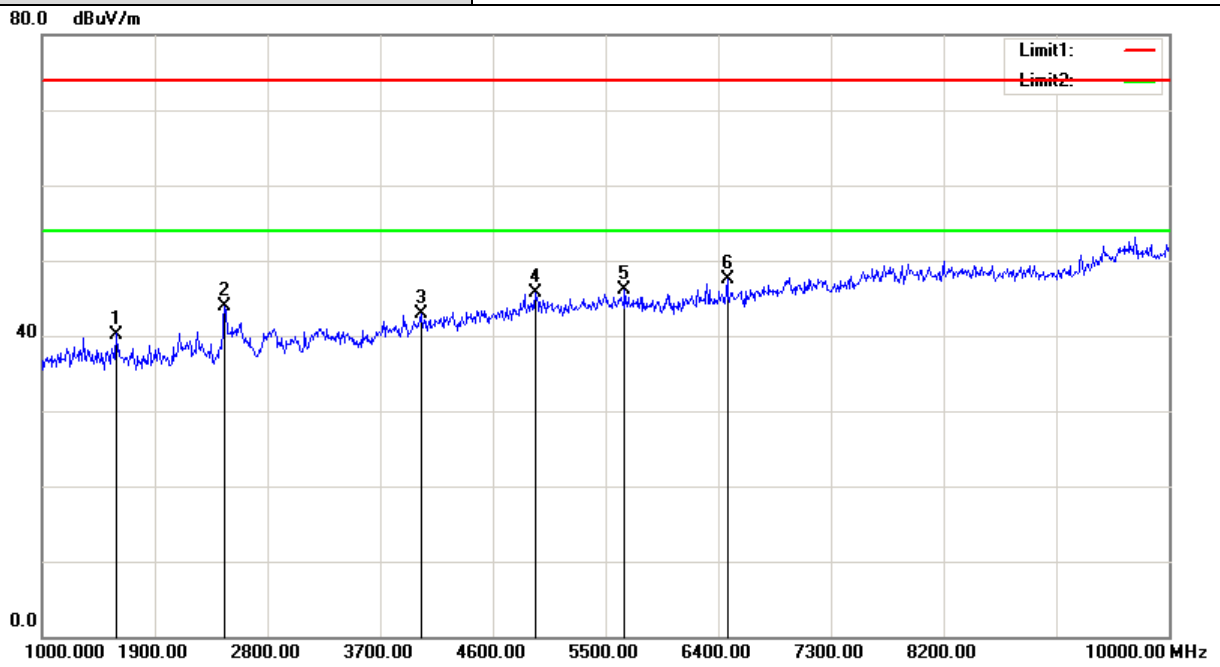
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2125.000	44.61	-4.31	40.30	74.00	-33.70	peak
2	2449.000	44.59	-2.54	42.05	74.00	-31.95	peak
3	2539.000	44.05	-2.19	41.86	74.00	-32.14	peak
4	4096.000	40.39	1.93	42.32	74.00	-31.68	peak
5	6985.000	40.24	7.68	47.92	74.00	-26.08	peak
6*	7777.000	40.06	9.22	49.28	74.00	-24.72	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Vertical	



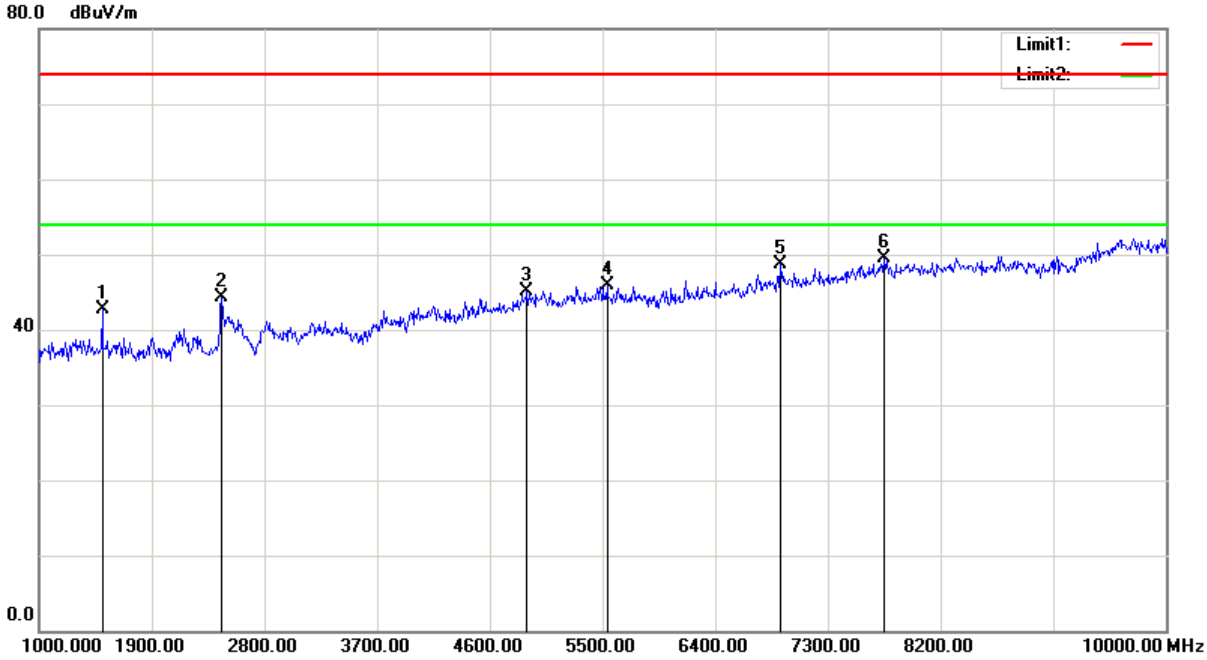
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1585.000	46.65	-6.73	39.92	74.00	-34.08	peak
2	2422.000	45.38	-2.69	42.69	74.00	-31.31	peak
3	3205.000	43.03	-1.02	42.01	74.00	-31.99	peak
4	3727.000	41.33	0.44	41.77	74.00	-32.23	peak
5	5500.000	40.93	5.87	46.80	74.00	-27.20	peak
6*	6544.000	40.60	6.96	47.56	74.00	-26.44	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	9	Test By	Paul Pan
Ant. Polar.		Horizontal	



.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1594.000	46.91	-6.71	40.20	74.00	-33.80	peak
2	2458.000	46.41	-2.49	43.92	74.00	-30.08	peak
3	4024.000	41.24	1.67	42.91	74.00	-31.09	peak
4	4942.000	40.97	4.79	45.76	74.00	-28.24	peak
5	5653.000	40.22	5.93	46.15	74.00	-27.85	peak
6*	6472.000	40.63	6.84	47.47	74.00	-26.53	peak

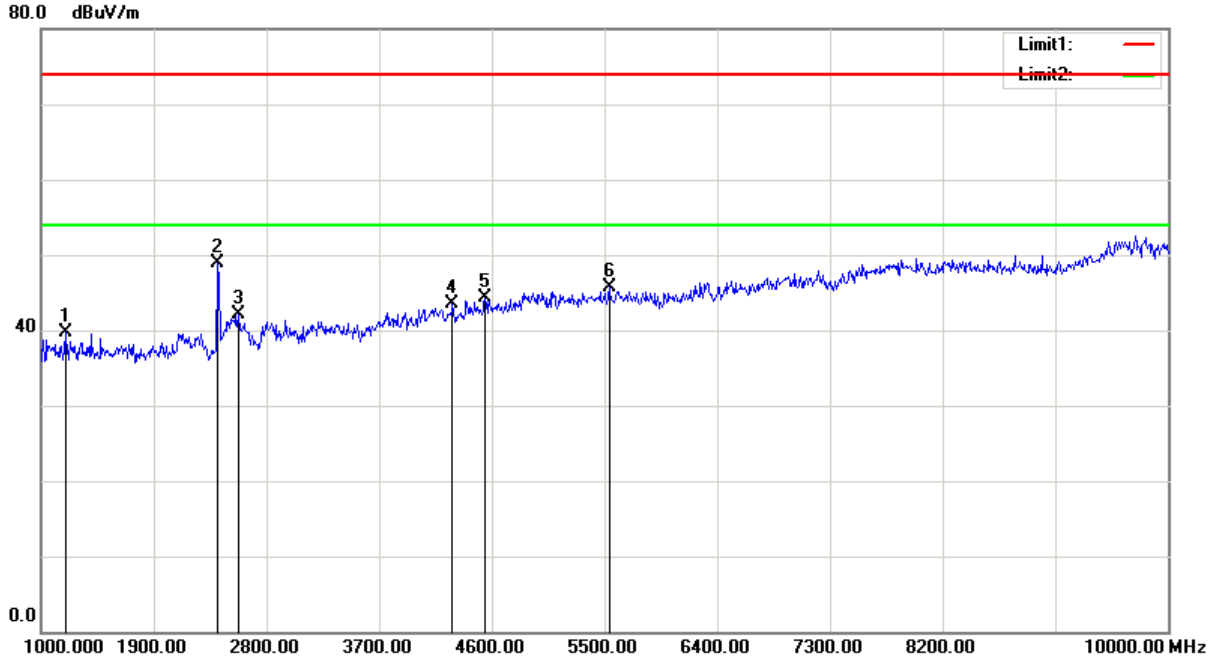
Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	9	Test By	Paul Pan
Ant. Polar.		Vertical	



.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1504.000	49.55	-6.87	42.68	74.00	-31.32	peak
2	2458.000	46.72	-2.49	44.23	74.00	-29.77	peak
3	4897.000	40.43	4.64	45.07	74.00	-28.93	peak
4	5536.000	40.00	5.89	45.89	74.00	-28.11	peak
5	6922.000	41.18	7.57	48.75	74.00	-25.25	peak
6*	7750.000	40.37	9.16	49.53	74.00	-24.47	peak

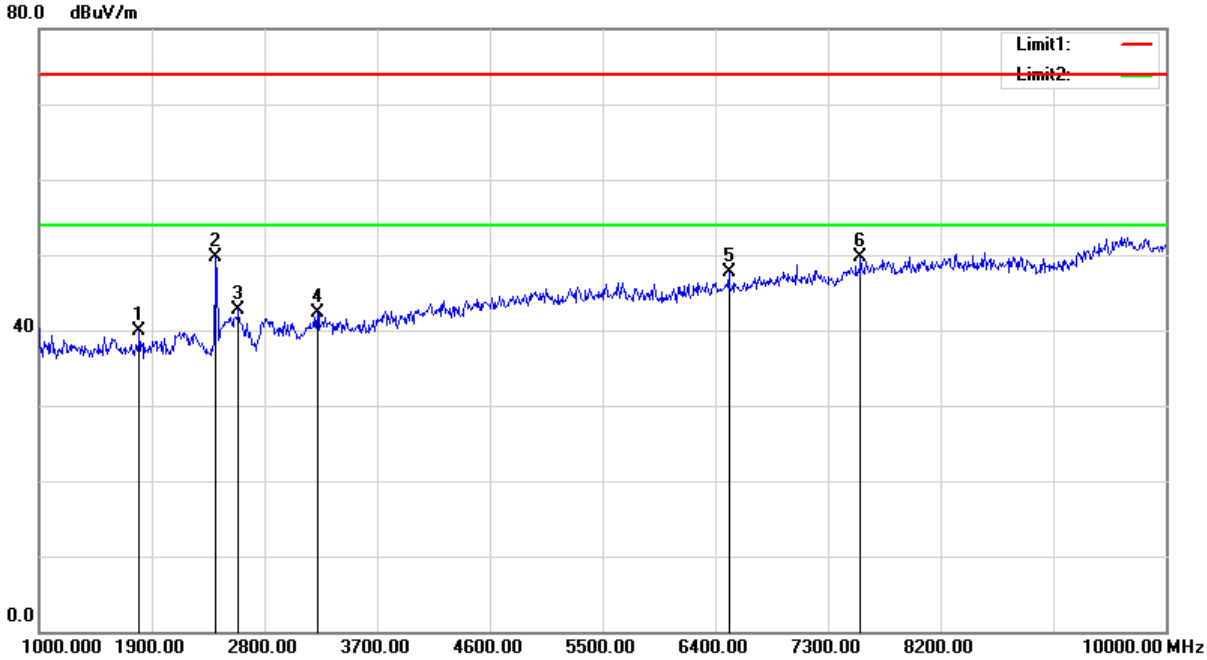
MIMO Mode_ Test Data

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	1	Test By	Paul Pan
Ant. Polar.		Horizontal	



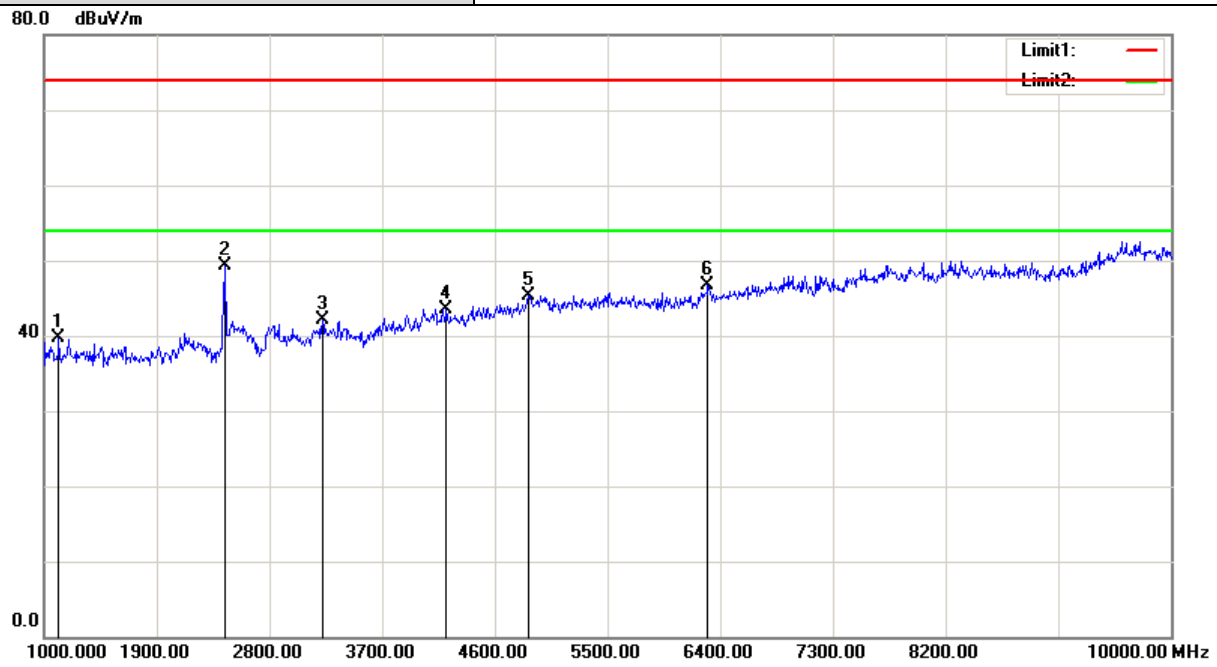
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.000	47.60	-7.80	39.80	74.00	-34.20	peak
2*	2413.000	51.72	-2.74	48.98	74.00	-25.02	peak
3	2575.000	44.20	-2.12	42.08	74.00	-31.92	peak
4	4285.000	40.98	2.59	43.57	74.00	-30.43	peak
5	4546.000	40.88	3.50	44.38	74.00	-29.62	peak
6	5536.000	39.72	5.89	45.61	74.00	-28.39	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	1	Test By	Paul Pan
Ant. Polar.		Vertical	



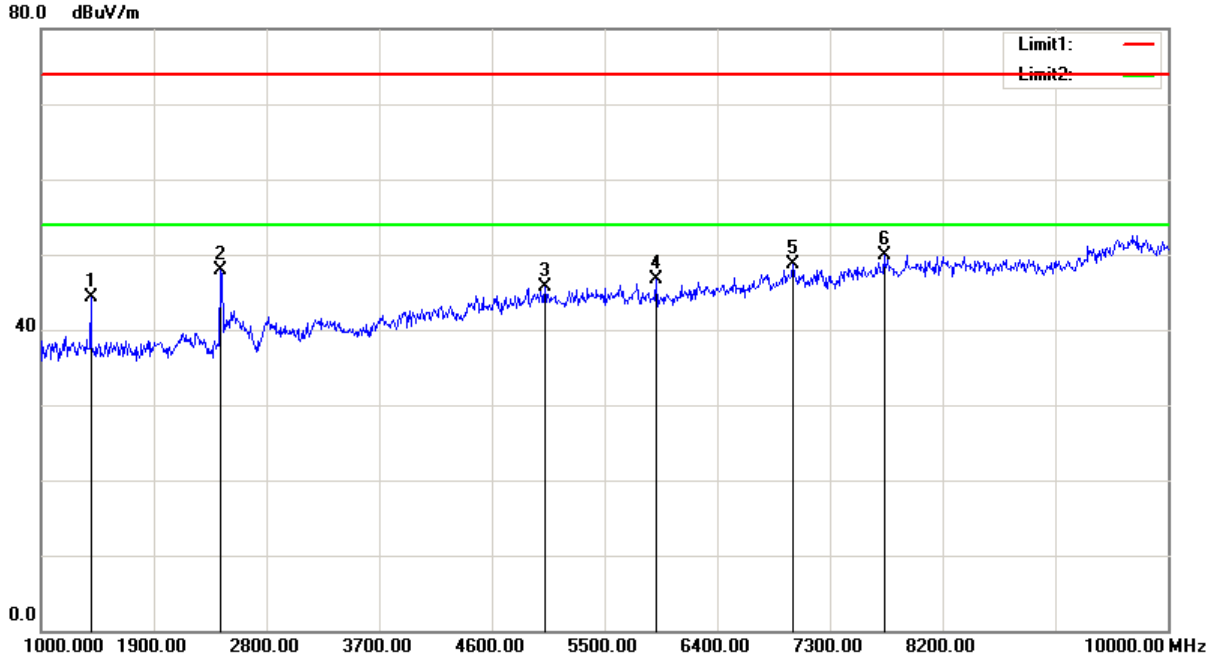
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1801.000	46.21	-6.26	39.95	74.00	-34.05	peak
2*	2413.000	52.47	-2.74	49.73	74.00	-24.27	peak
3	2593.000	44.71	-2.09	42.62	74.00	-31.38	peak
4	3223.000	43.22	-0.99	42.23	74.00	-31.77	peak
5	6508.000	40.84	6.90	47.74	74.00	-26.26	peak
6	7561.000	40.93	8.79	49.72	74.00	-24.28	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Horizontal	



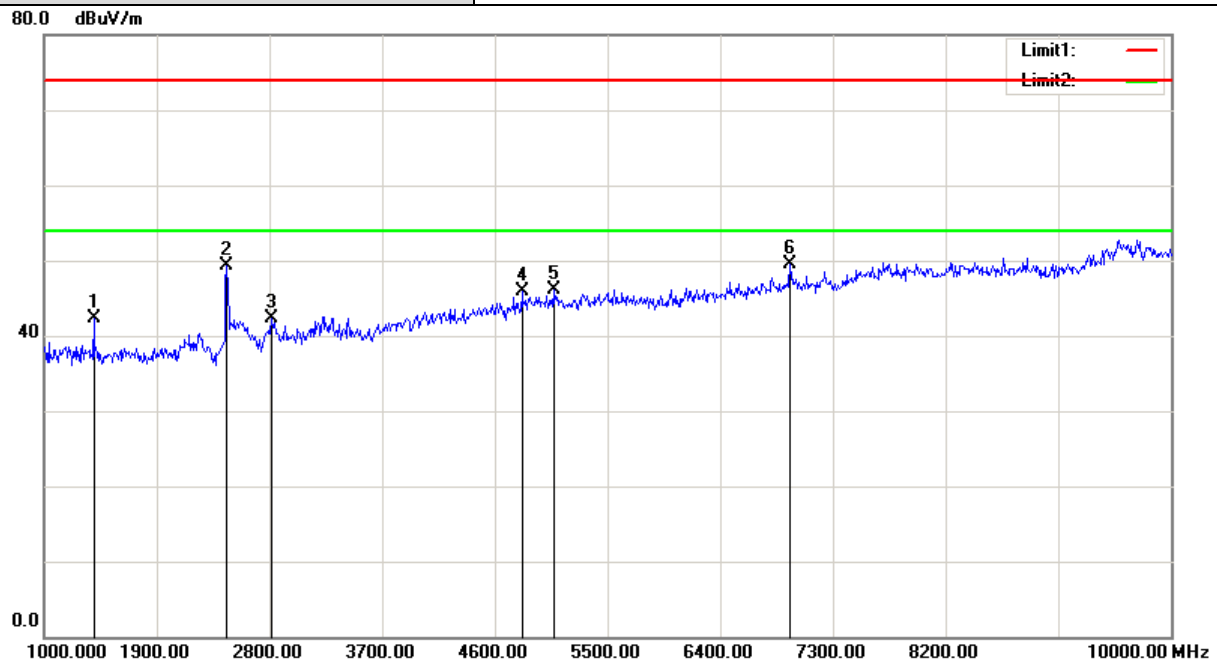
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1117.000	47.85	-8.11	39.74	74.00	-34.26	peak
2*	2449.000	51.77	-2.54	49.23	74.00	-24.77	peak
3	3223.000	43.09	-0.99	42.10	74.00	-31.90	peak
4	4213.000	41.26	2.34	43.60	74.00	-30.40	peak
5	4870.000	40.82	4.56	45.38	74.00	-28.62	peak
6	6301.000	40.12	6.57	46.69	74.00	-27.31	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Vertical	



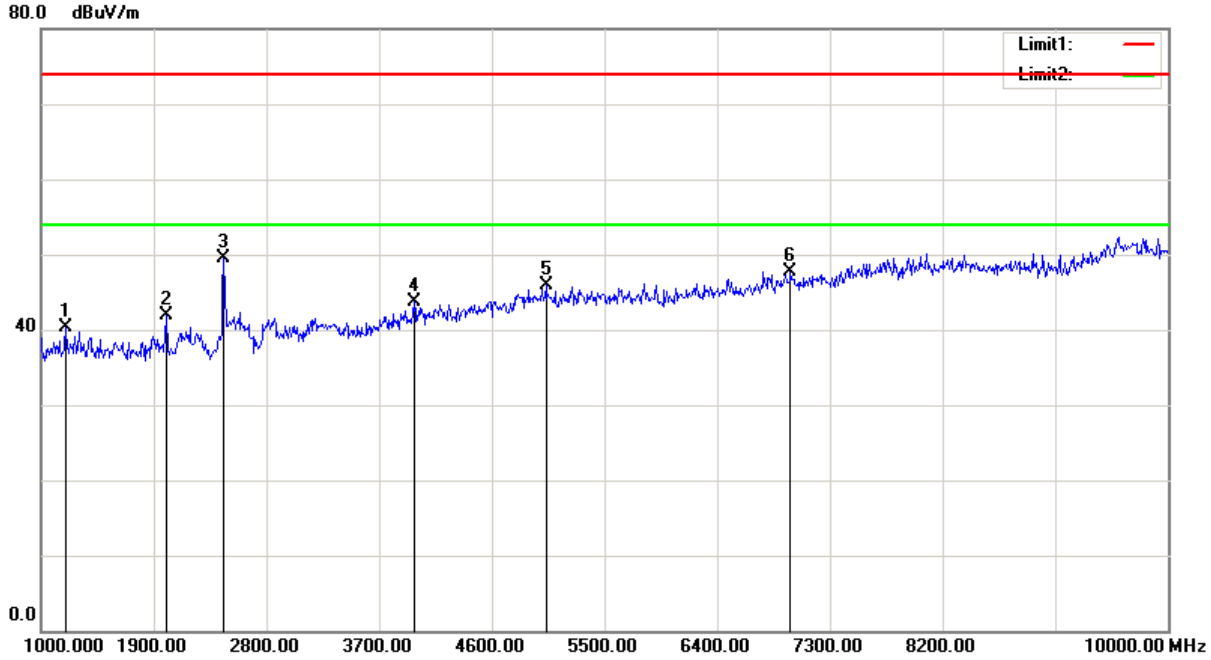
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1396.000	51.36	-7.07	44.29	74.00	-29.71	peak
2	2431.000	50.52	-2.64	47.88	74.00	-26.12	peak
3	5023.000	40.75	5.02	45.77	74.00	-28.23	peak
4	5914.000	40.70	6.04	46.74	74.00	-27.26	peak
5	7003.000	41.02	7.71	48.73	74.00	-25.27	peak
6*	7732.000	40.69	9.13	49.82	74.00	-24.18	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Horizontal	



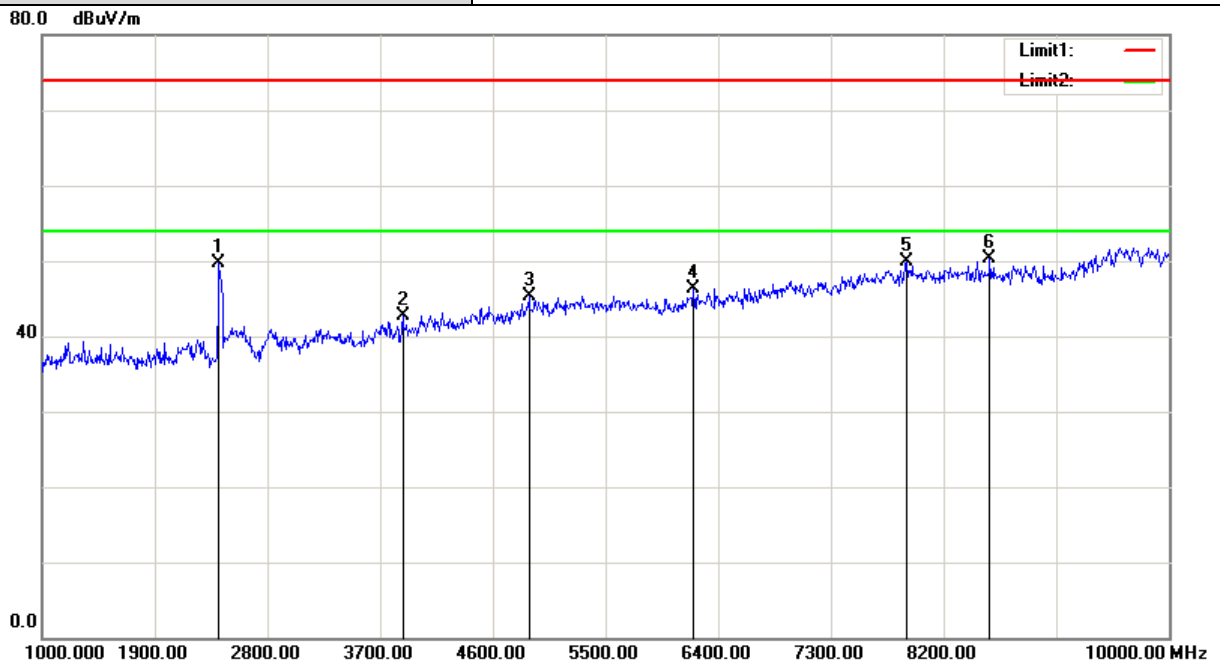
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1396.000	49.47	-7.07	42.40	74.00	-31.60	peak
2	2458.000	51.82	-2.49	49.33	74.00	-24.67	peak
3	2818.000	44.04	-1.69	42.35	74.00	-31.65	peak
4	4816.000	41.50	4.38	45.88	74.00	-28.12	peak
5	5068.000	41.02	5.10	46.12	74.00	-27.88	peak
6*	6958.000	41.82	7.63	49.45	74.00	-24.55	peak

Mode	802.11n(HT20)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	11	Test By	Paul Pan
Ant. Polar.		Vertical	



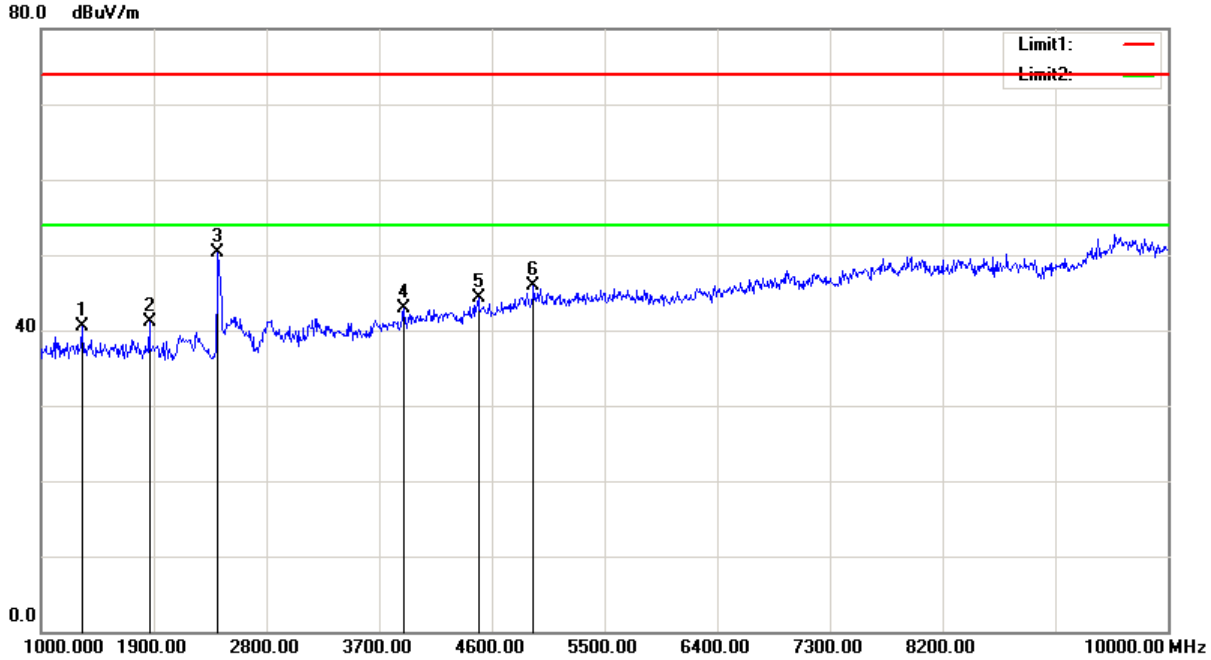
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1198.000	48.16	-7.80	40.36	74.00	-33.64	peak
2	1999.000	46.95	-5.01	41.94	74.00	-32.06	peak
3*	2458.000	52.08	-2.49	49.59	74.00	-24.41	peak
4	3979.000	42.29	1.50	43.79	74.00	-30.21	peak
5	5032.000	40.85	5.04	45.89	74.00	-28.11	peak
6	6985.000	40.09	7.68	47.77	74.00	-26.23	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	3	Test By	Paul Pan
Ant. Polar.		Horizontal	



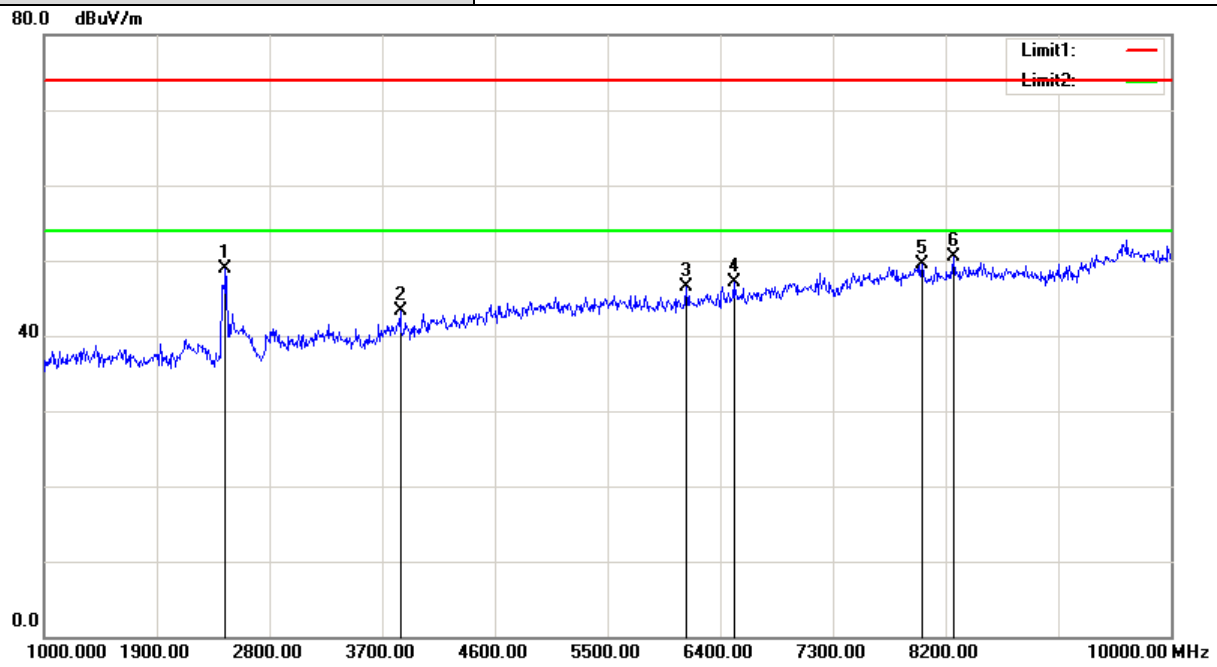
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2413.000	52.52	-2.74	49.78	74.00	-24.22	peak
2	3880.000	41.68	1.08	42.76	74.00	-31.24	peak
3	4888.000	40.62	4.61	45.23	74.00	-28.77	peak
4	6202.000	39.94	6.41	46.35	74.00	-27.65	peak
5	7903.000	40.40	9.46	49.86	74.00	-24.14	peak
6*	8569.000	40.94	9.34	50.28	74.00	-23.72	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	3	Test By	Paul Pan
Ant. Polar.		Vertical	



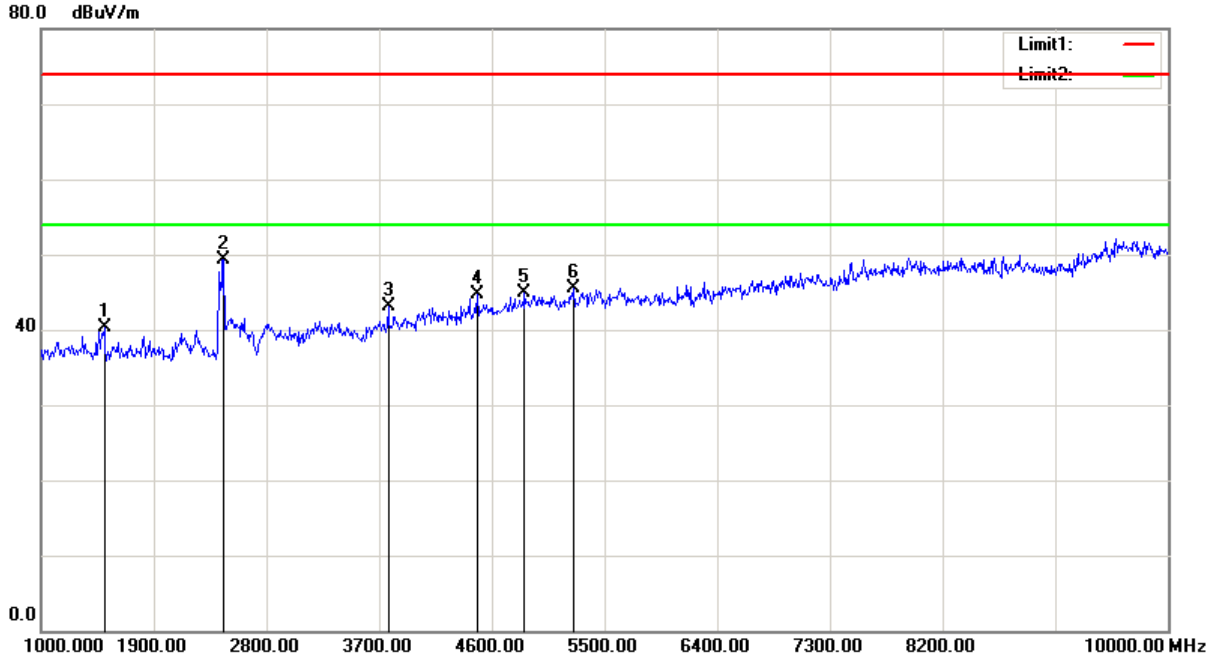
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1324.000	47.86	-7.34	40.52	74.00	-33.48	peak
2	1864.000	46.93	-5.86	41.07	74.00	-32.93	peak
3*	2413.000	53.08	-2.74	50.34	74.00	-23.66	peak
4	3898.000	41.68	1.16	42.84	74.00	-31.16	peak
5	4492.000	41.03	3.32	44.35	74.00	-29.65	peak
6	4933.000	41.08	4.76	45.84	74.00	-28.16	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Horizontal	



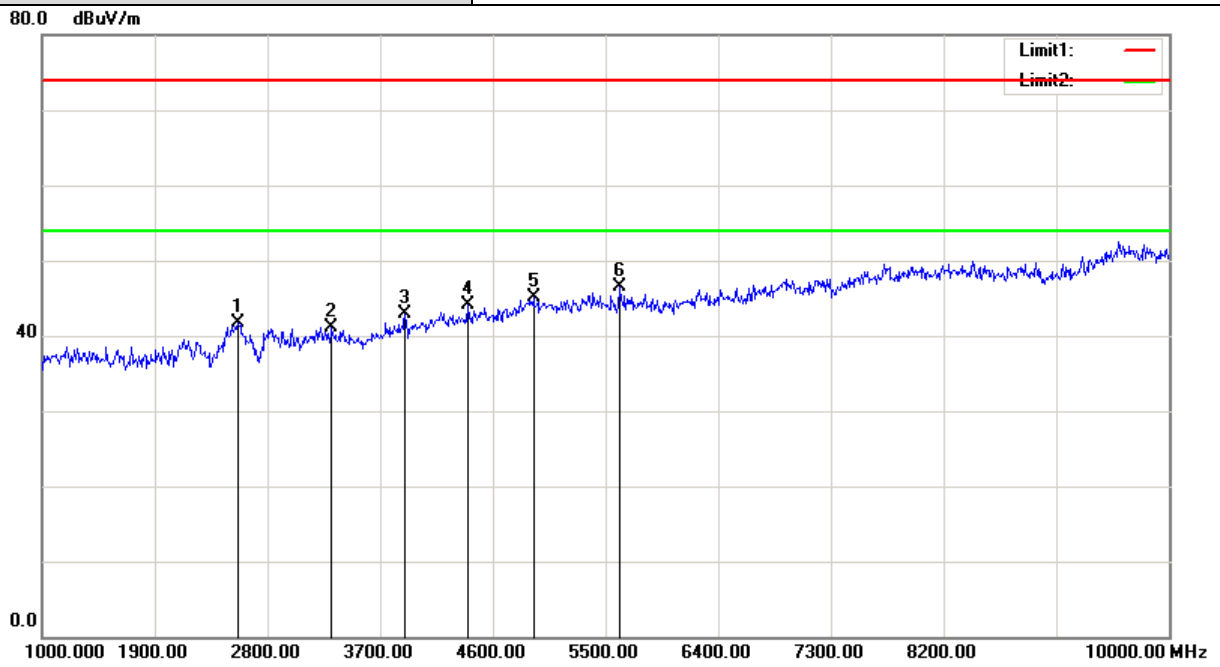
.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2449.000	51.37	-2.54	48.83	74.00	-25.17	peak
2	3844.000	42.34	0.93	43.27	74.00	-30.73	peak
3	6130.000	40.27	6.29	46.56	74.00	-27.44	peak
4	6508.000	40.23	6.90	47.13	74.00	-26.87	peak
5	8011.000	39.93	9.64	49.57	74.00	-24.43	peak
6*	8263.000	41.05	9.51	50.56	74.00	-23.44	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	6	Test By	Paul Pan
Ant. Polar.		Vertical	



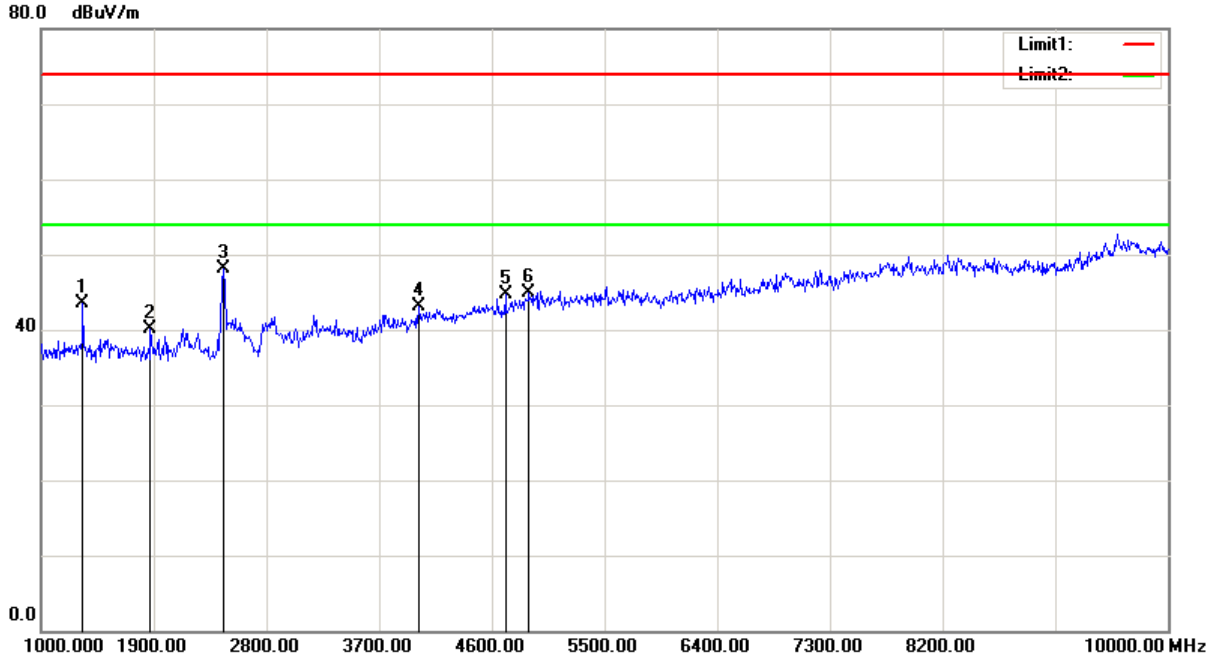
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1504.000	47.14	-6.87	40.27	74.00	-33.73	peak
2*	2458.000	51.85	-2.49	49.36	74.00	-24.64	peak
3	3772.000	42.53	0.63	43.16	74.00	-30.84	peak
4	4483.000	41.43	3.29	44.72	74.00	-29.28	peak
5	4861.000	40.31	4.53	44.84	74.00	-29.16	peak
6	5257.000	40.15	5.44	45.59	74.00	-28.41	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	9	Test By	Paul Pan
Ant. Polar.		Horizontal	



.No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2566.000	43.86	-2.14	41.72	74.00	-32.28	peak
2	3313.000	41.96	-0.83	41.13	74.00	-32.87	peak
3	3898.000	41.80	1.16	42.96	74.00	-31.04	peak
4	4402.000	41.02	3.01	44.03	74.00	-29.97	peak
5	4924.000	40.35	4.73	45.08	74.00	-28.92	peak
6*	5608.000	40.50	5.92	46.42	74.00	-27.58	peak

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental Conditions	25.4 deg. C, 55 % RH
Channel	9	Test By	Paul Pan
Ant. Polar.		Vertical	



.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	1333.000	50.86	-7.30	43.56	74.00	-30.44	peak
2	1873.000	45.85	-5.81	40.04	74.00	-33.96	peak
3*	2458.000	50.50	-2.49	48.01	74.00	-25.99	peak
4	4015.000	41.45	1.64	43.09	74.00	-30.91	peak
5	4708.000	40.73	4.03	44.76	74.00	-29.24	peak
6	4897.000	40.36	4.64	45.00	74.00	-29.00	peak

6.6 Band Edge Measurements (Radiated)

Radiated band edge measurements at 2390MHz and 2483MHz were made with the unit transmitting in the low end of the channel range and the high end closest to the restricted bands respectively. The emissions were made on the 966 Semi-Chamber. Use (resolution bandwidth (RBW) = 1 MHz, video bandwidth (VBW) = 1 MHz for peak levels and RBW = 1 MHz and VBW = 10 Hz or 1/T for average levels).

6.6.1 Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

6.6.2 Test Procedure (KDB 558074 D01 v03r05, Section 12.1)

1. Use radiated spurious emission test procedure described in 6.5.2 clause. The transmitter output (antenna port) was connected to the test receiver.

2. Set the PK and AV limit line.

3. Record the fundamental emission and emissions out of the bandedge.

4. Determine band-edge compliance as required.

6.6.3 Test Data

The EUT complied with the FCC Part 15.247 Radiated band edge emissions requirements.

Table 11 provides the test results for Radiated band edge emissions. (all the data attached was use the worst case data rate)

6.6.4 Areas of Concern

None.