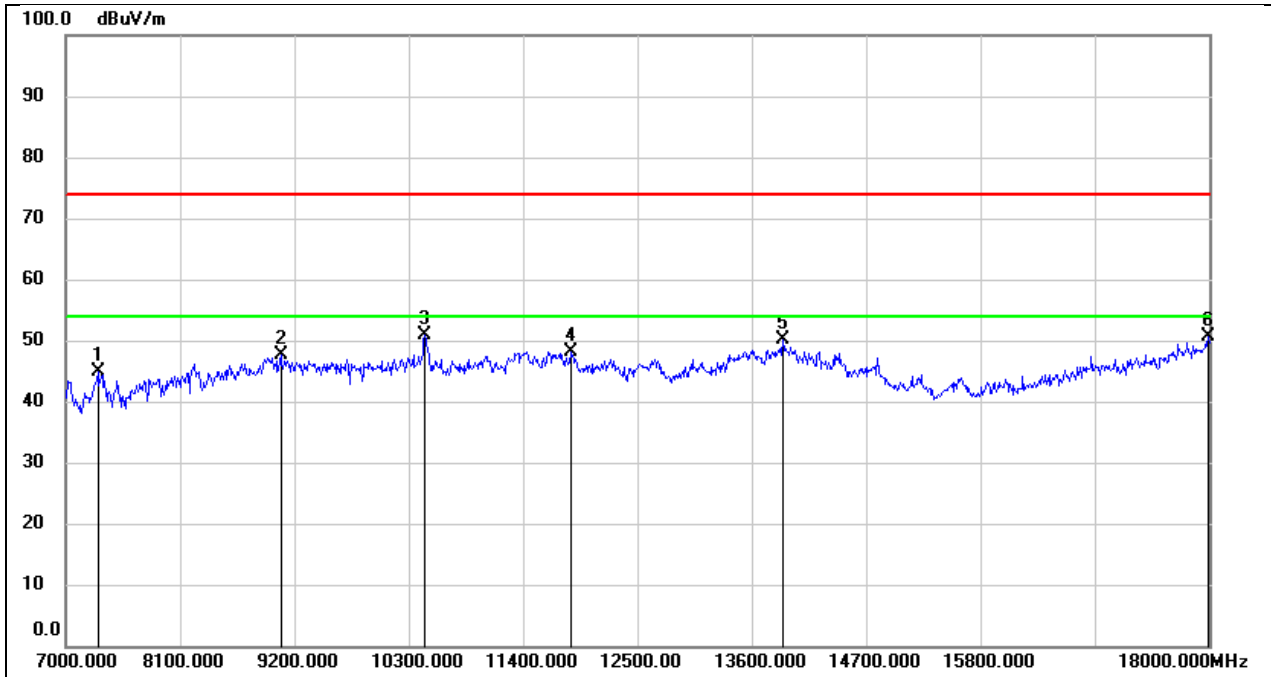
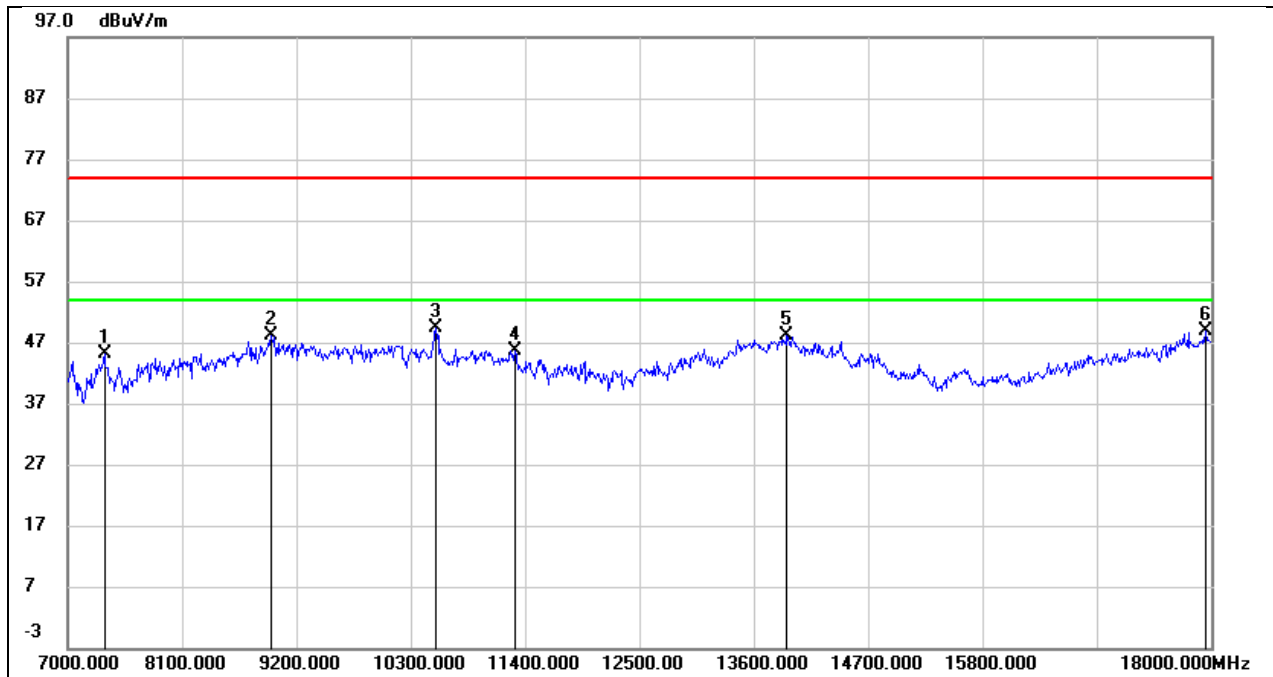


Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 3.3V



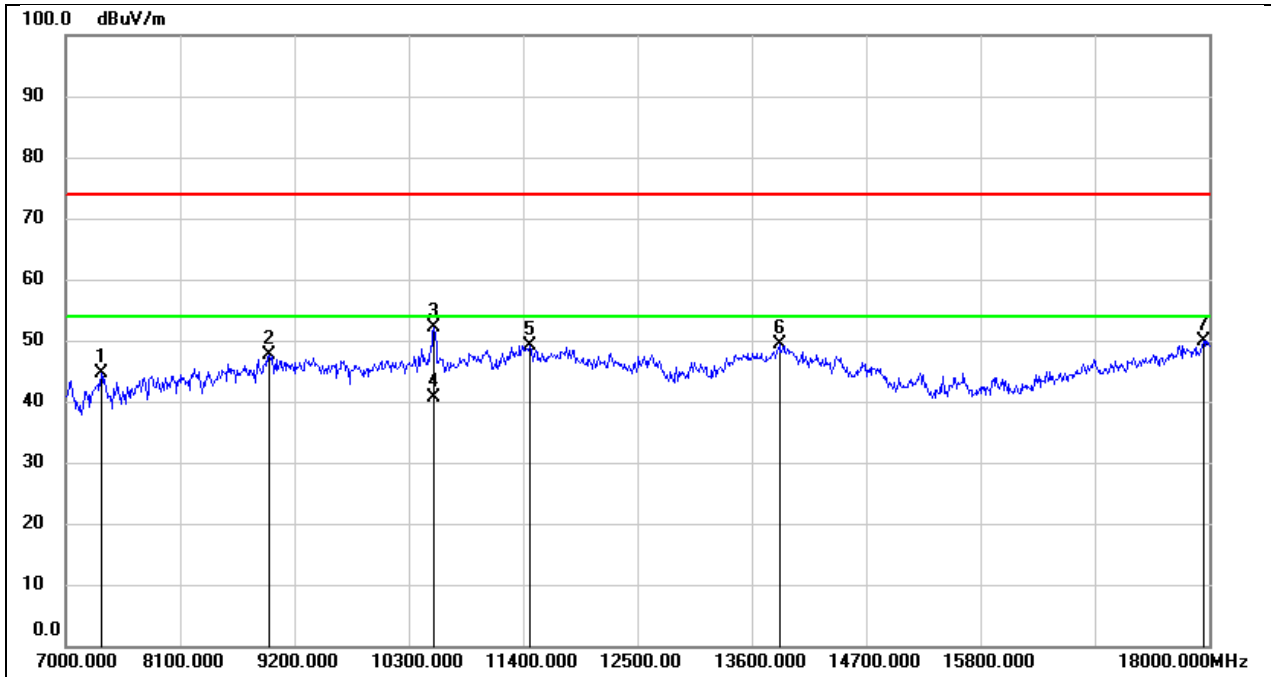
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	37.21	7.73	44.94	74.00	-29.06	peak
2	9068.000	36.32	11.25	47.57	74.00	-26.43	peak
3	10454.000	37.46	13.38	50.84	74.00	-23.16	peak
4	11862.000	30.30	17.88	48.18	74.00	-25.82	peak
5	13897.000	27.60	22.47	50.07	74.00	-23.93	peak
6	17989.000	23.61	26.92	50.53	74.00	-23.47	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Horizontal	Test Voltage:	DC 3.3V



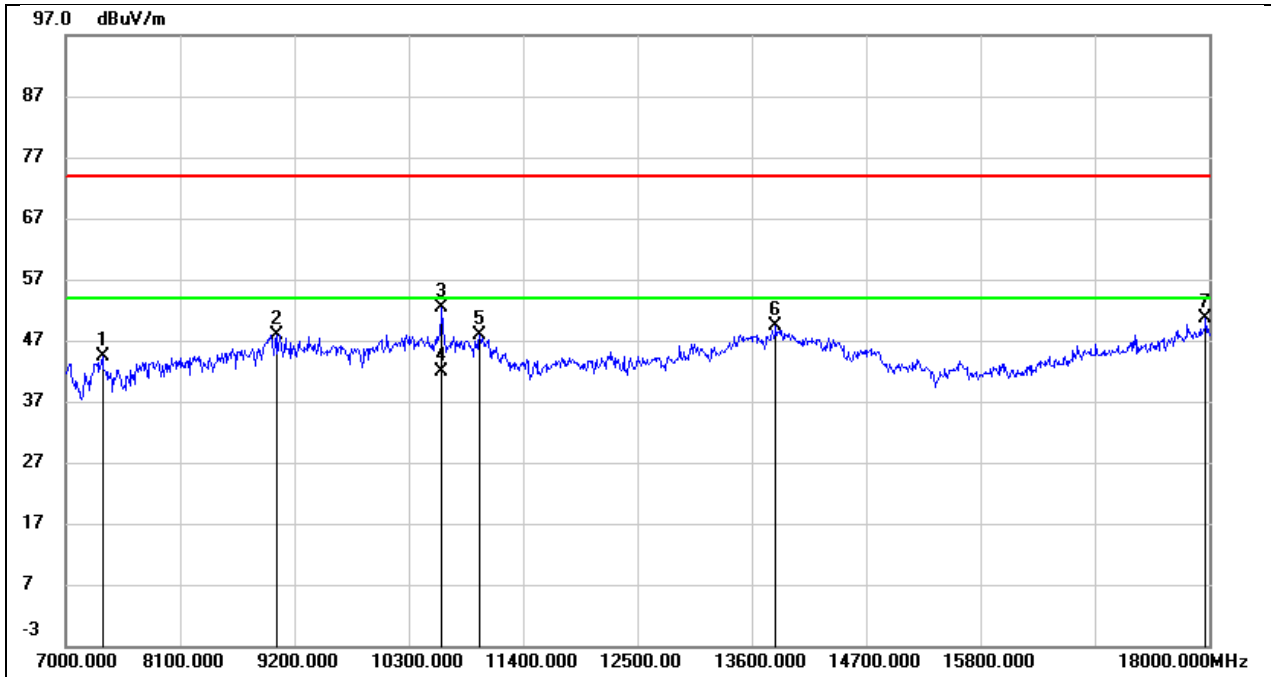
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	37.12	8.07	45.19	74.00	-28.81	peak
2	8958.000	36.79	11.24	48.03	74.00	-25.97	peak
3	10542.000	35.71	13.62	49.33	74.00	-24.67	peak
4	11301.000	29.75	15.96	45.71	74.00	-28.29	peak
5	13919.000	25.59	22.49	48.08	74.00	-25.92	peak
6	17945.000	22.09	26.74	48.83	74.00	-25.17	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Vertical	Test Voltage:	DC 3.3V



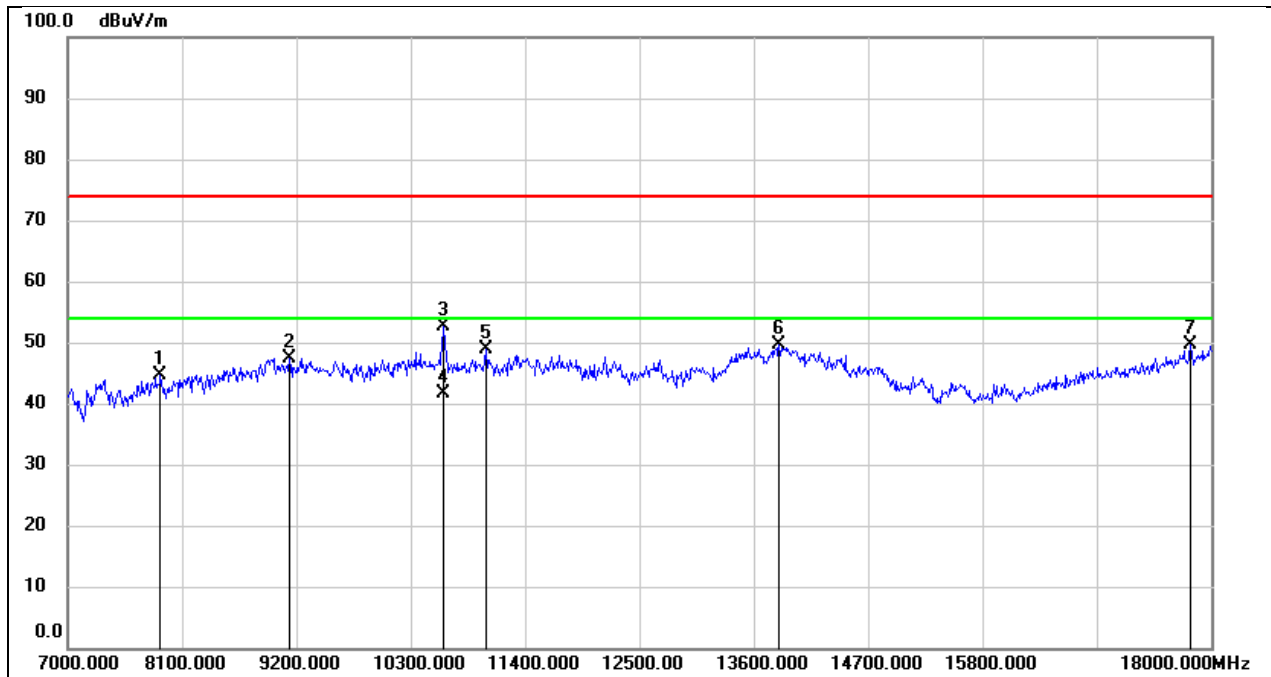
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	36.51	8.00	44.51	74.00	-29.49	peak
2	8958.000	36.49	11.24	47.73	74.00	-26.27	peak
3	10542.000	38.50	13.62	52.12	74.00	-21.88	peak
4	10542.000	26.98	13.62	40.60	54.00	-13.40	AVG
5	11466.000	32.42	16.78	49.20	74.00	-24.80	peak
6	13864.000	26.83	22.45	49.28	74.00	-24.72	peak
7	17945.000	23.26	26.74	50.00	74.00	-24.00	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Horizontal	Test Voltage:	DC 3.3V



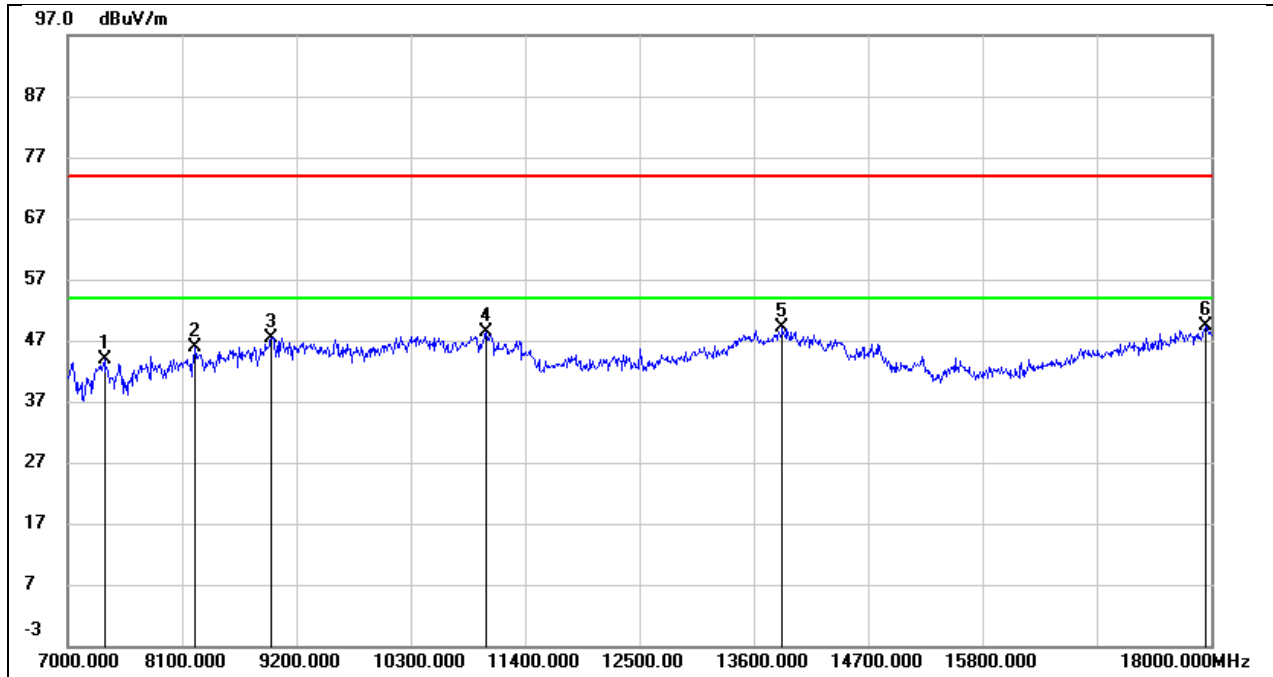
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	36.31	8.07	44.38	74.00	-29.62	peak
2	9024.000	36.14	11.65	47.79	74.00	-26.21	peak
3	10619.000	38.67	13.78	52.45	74.00	-21.55	peak
4	10619.000	28.02	13.78	41.80	54.00	-12.20	AVG
5	10982.000	32.99	14.79	47.78	74.00	-26.22	peak
6	13831.000	26.93	22.44	49.37	74.00	-24.63	peak
7	17967.000	23.76	26.83	50.59	74.00	-23.41	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Vertical	Test Voltage:	DC 3.3V



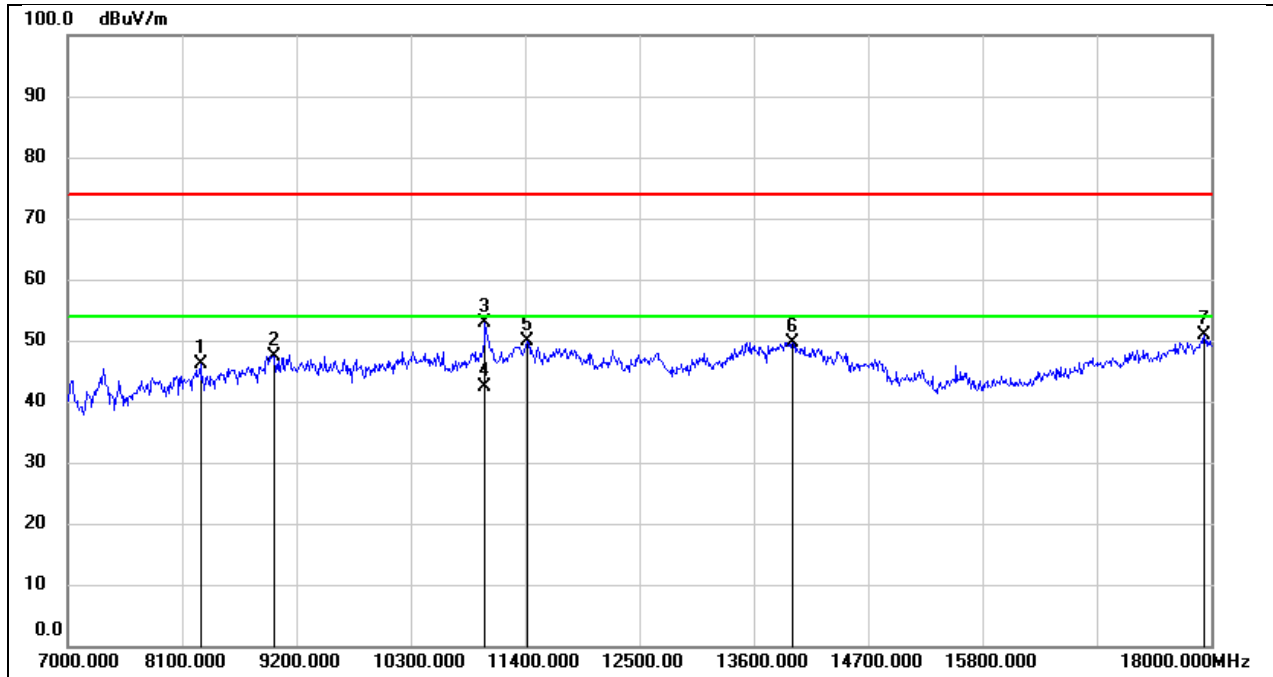
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7891.000	37.68	6.85	44.53	74.00	-29.47	peak
2	9134.000	36.86	10.64	47.50	74.00	-26.50	peak
3	10619.000	38.93	13.78	52.71	74.00	-21.29	peak
4	10619.000	27.82	13.78	41.60	54.00	-12.40	AVG
5	11026.000	33.83	14.95	48.78	74.00	-25.22	peak
6	13842.000	27.15	22.44	49.59	74.00	-24.41	peak
7	17802.000	23.52	26.13	49.65	74.00	-24.35	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Horizontal	Test Voltage:	DC 3.3V



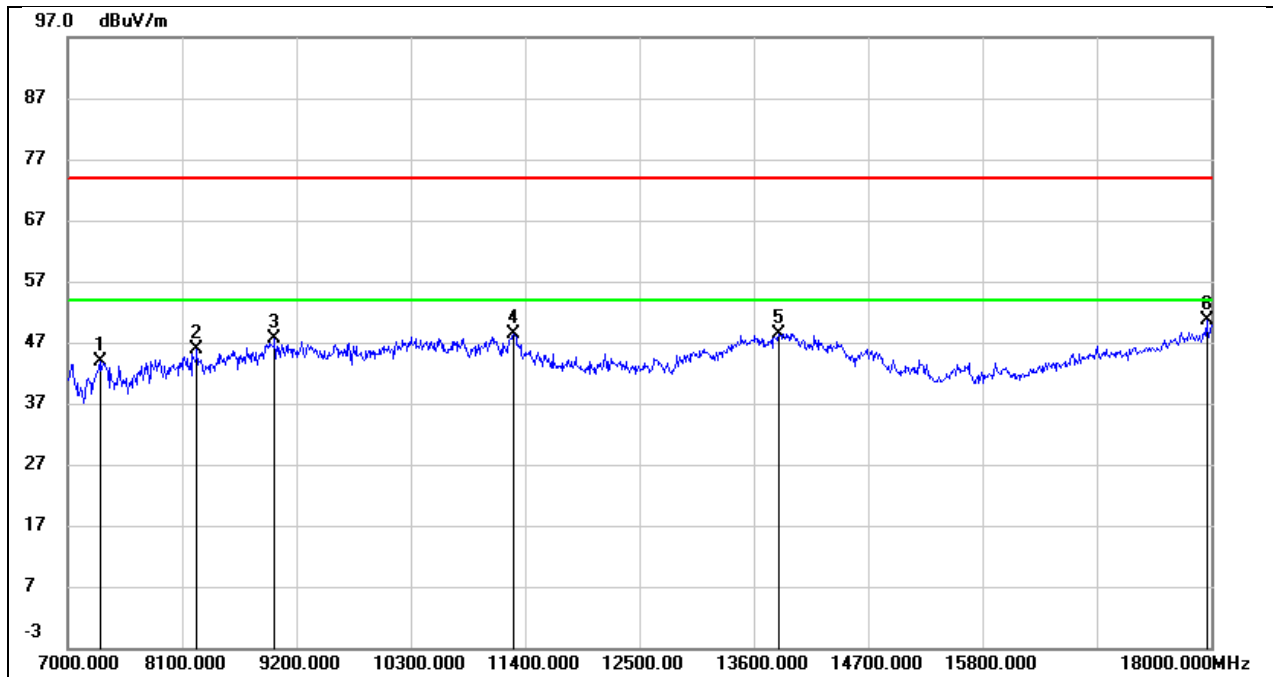
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	35.89	8.07	43.96	74.00	-30.04	peak
2	8221.000	37.25	8.53	45.78	74.00	-28.22	peak
3	8958.000	36.23	11.24	47.47	74.00	-26.53	peak
4	11026.000	33.44	14.95	48.39	74.00	-25.61	peak
5	13875.000	26.66	22.46	49.12	74.00	-24.88	peak
6	17945.000	22.60	26.74	49.34	74.00	-24.66	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Vertical	Test Voltage:	DC 3.3V



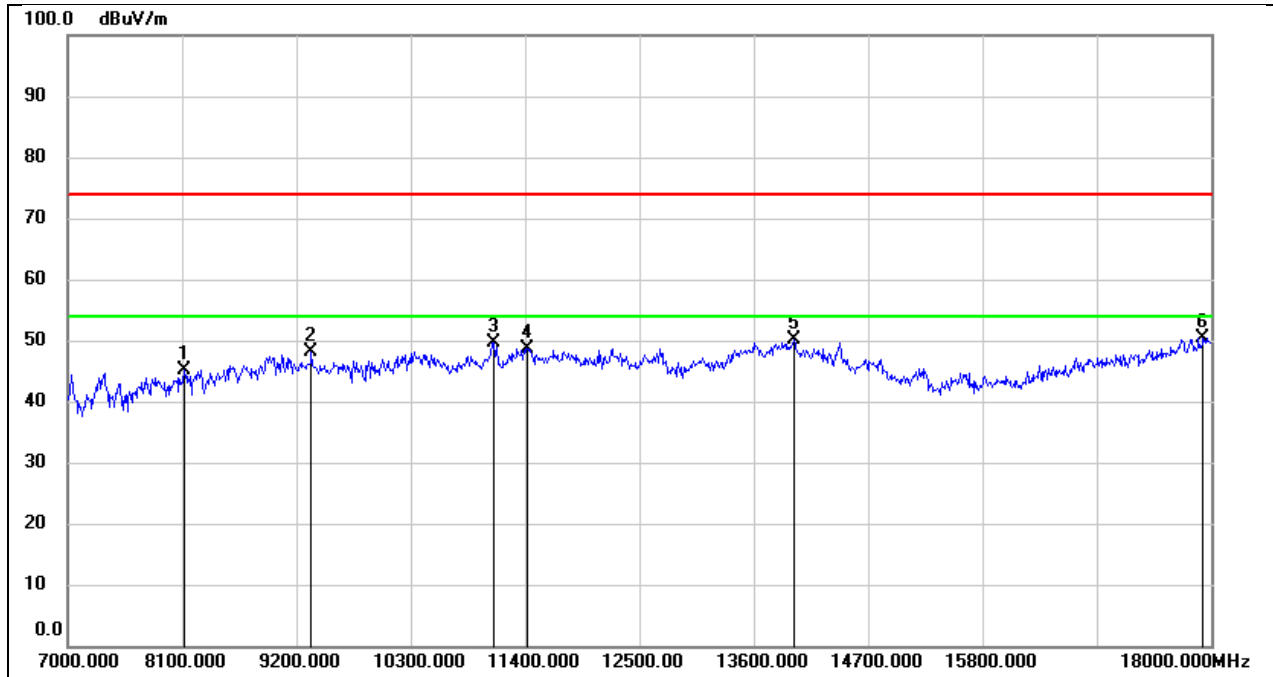
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8276.000	37.73	8.32	46.05	74.00	-27.95	peak
2	8991.000	35.77	11.73	47.50	74.00	-26.50	peak
3	11015.000	37.99	14.93	52.92	74.00	-21.08	peak
4	11015.000	27.47	14.93	42.40	54.00	-11.60	AVG
5	11422.000	33.27	16.64	49.91	74.00	-24.09	peak
6	13974.000	27.18	22.53	49.71	74.00	-24.29	peak
7	17934.000	24.11	26.69	50.80	74.00	-23.20	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Horizontal	Test Voltage:	DC 3.3V



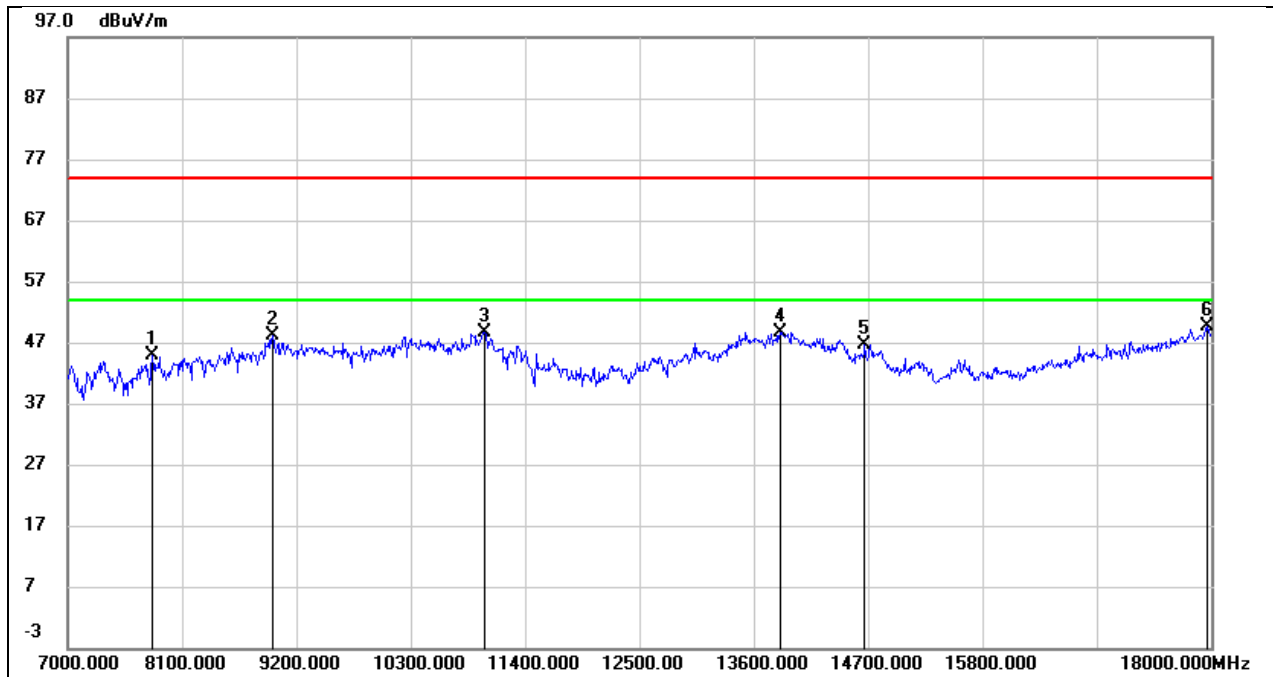
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	36.07	7.73	43.80	74.00	-30.20	peak
2	8243.000	37.41	8.44	45.85	74.00	-28.15	peak
3	8991.000	35.78	11.73	47.51	74.00	-26.49	peak
4	11290.000	32.37	15.89	48.26	74.00	-25.74	peak
5	13842.000	26.06	22.44	48.50	74.00	-25.50	peak
6	17956.000	23.97	26.78	50.75	74.00	-23.25	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Vertical	Test Voltage:	DC 3.3V



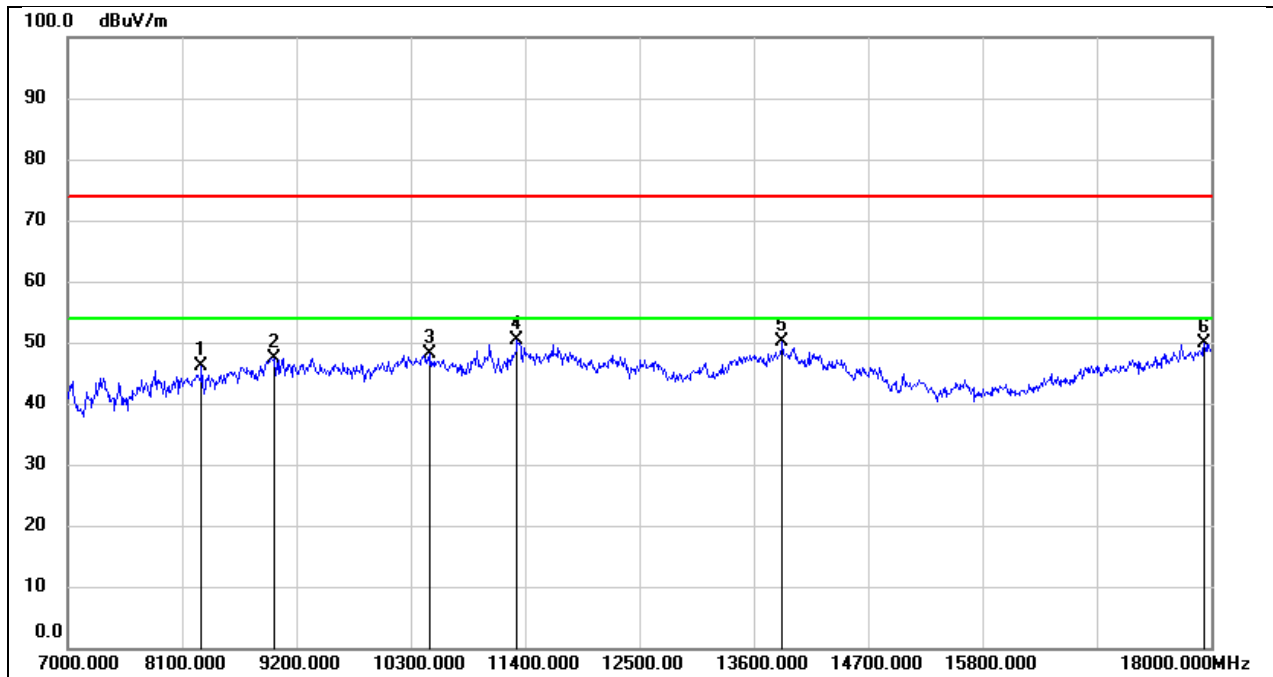
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8122.000	37.15	7.93	45.08	74.00	-28.92	peak
2	9343.000	37.63	10.49	48.12	74.00	-25.88	peak
3	11092.000	34.63	15.10	49.73	74.00	-24.27	peak
4	11422.000	32.03	16.64	48.67	74.00	-25.33	peak
5	13985.000	27.53	22.53	50.06	74.00	-23.94	peak
6	17923.000	23.77	26.64	50.41	74.00	-23.59	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Horizontal	Test Voltage:	DC 3.3V



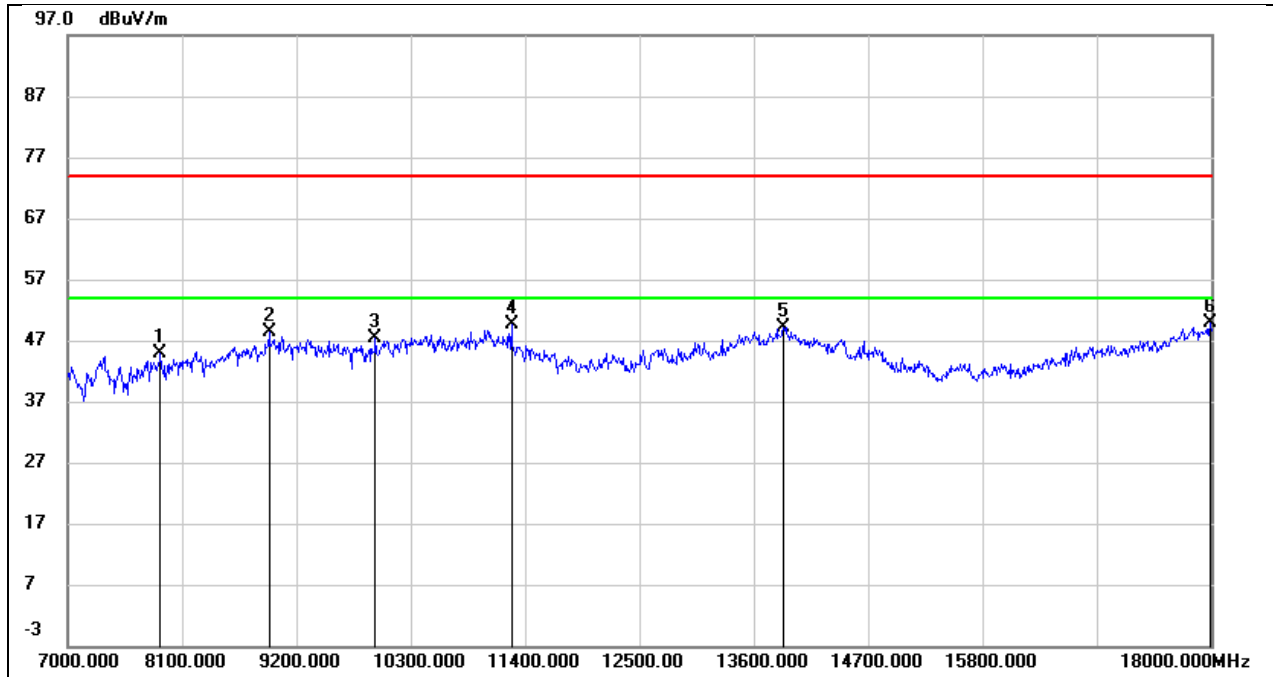
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7814.000	37.98	6.85	44.83	74.00	-29.17	peak
2	8969.000	36.80	11.40	48.20	74.00	-25.80	peak
3	11015.000	33.82	14.93	48.75	74.00	-25.25	peak
4	13853.000	26.16	22.46	48.62	74.00	-25.38	peak
5	14667.000	27.04	19.65	46.69	74.00	-27.31	peak
6	17956.000	22.75	26.78	49.53	74.00	-24.47	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Vertical	Test Voltage:	DC 3.3V



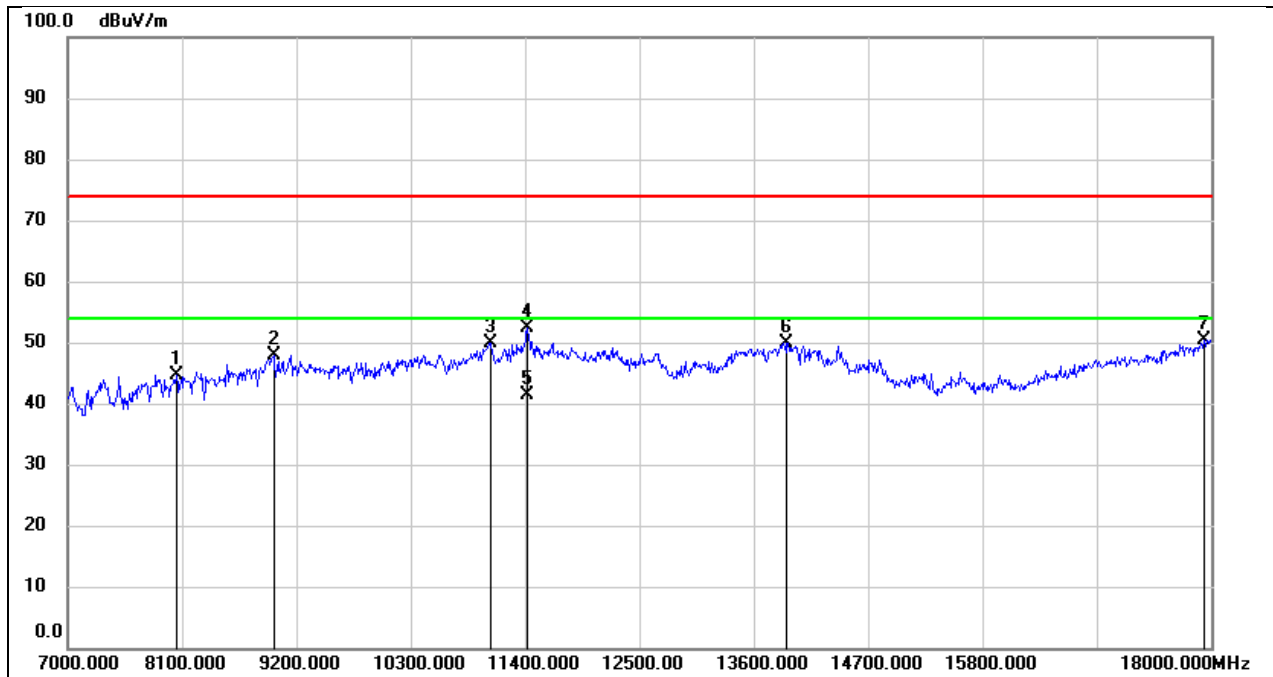
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8287.000	37.77	8.28	46.05	74.00	-27.95	peak
2	8991.000	35.76	11.73	47.49	74.00	-26.51	peak
3	10487.000	34.72	13.46	48.18	74.00	-25.82	peak
4	11323.000	34.34	16.10	50.44	74.00	-23.56	peak
5	13875.000	27.63	22.46	50.09	74.00	-23.91	peak
6	17934.000	23.20	26.69	49.89	74.00	-24.11	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5710
Polarity:	Horizontal	Test Voltage:	DC 3.3V



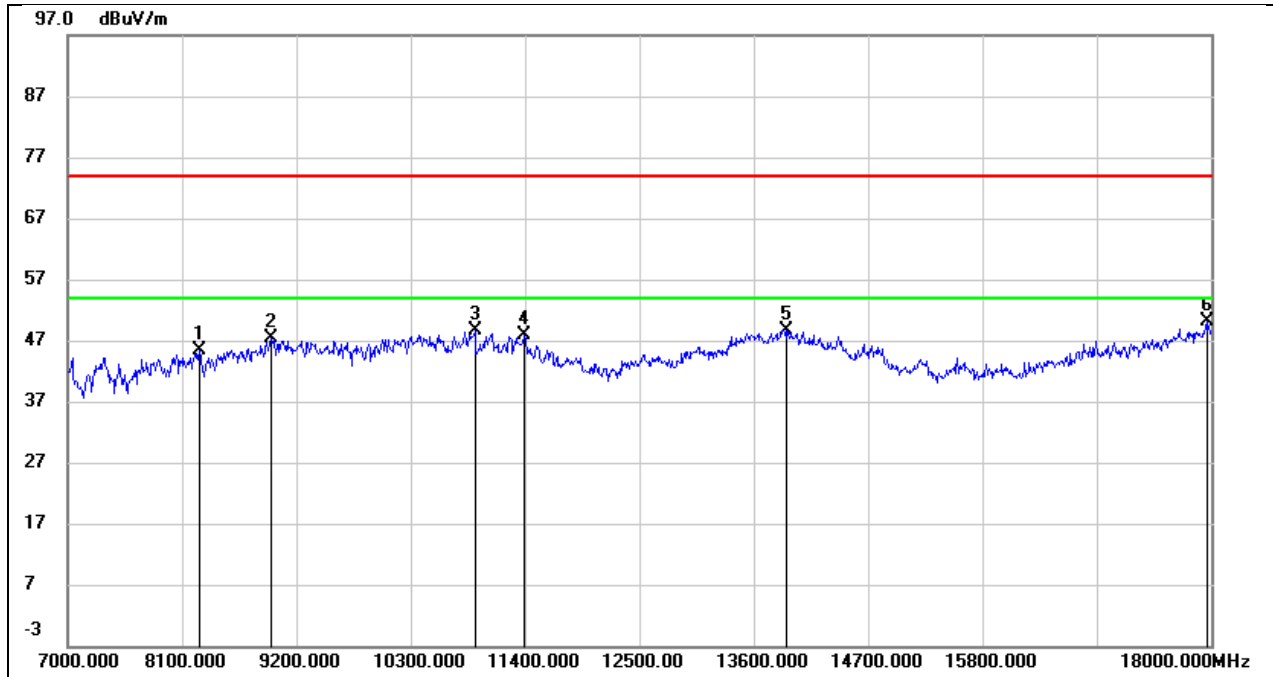
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7891.000	37.94	6.85	44.79	74.00	-29.21	peak
2	8936.000	37.43	10.91	48.34	74.00	-25.66	peak
3	9959.000	35.31	12.02	47.33	74.00	-26.67	peak
4	11268.000	33.93	15.76	49.69	74.00	-24.31	peak
5	13886.000	26.76	22.48	49.24	74.00	-24.76	peak
6	17989.000	23.05	26.92	49.97	74.00	-24.03	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5710
Polarity:	Vertical	Test Voltage:	DC 3.3V



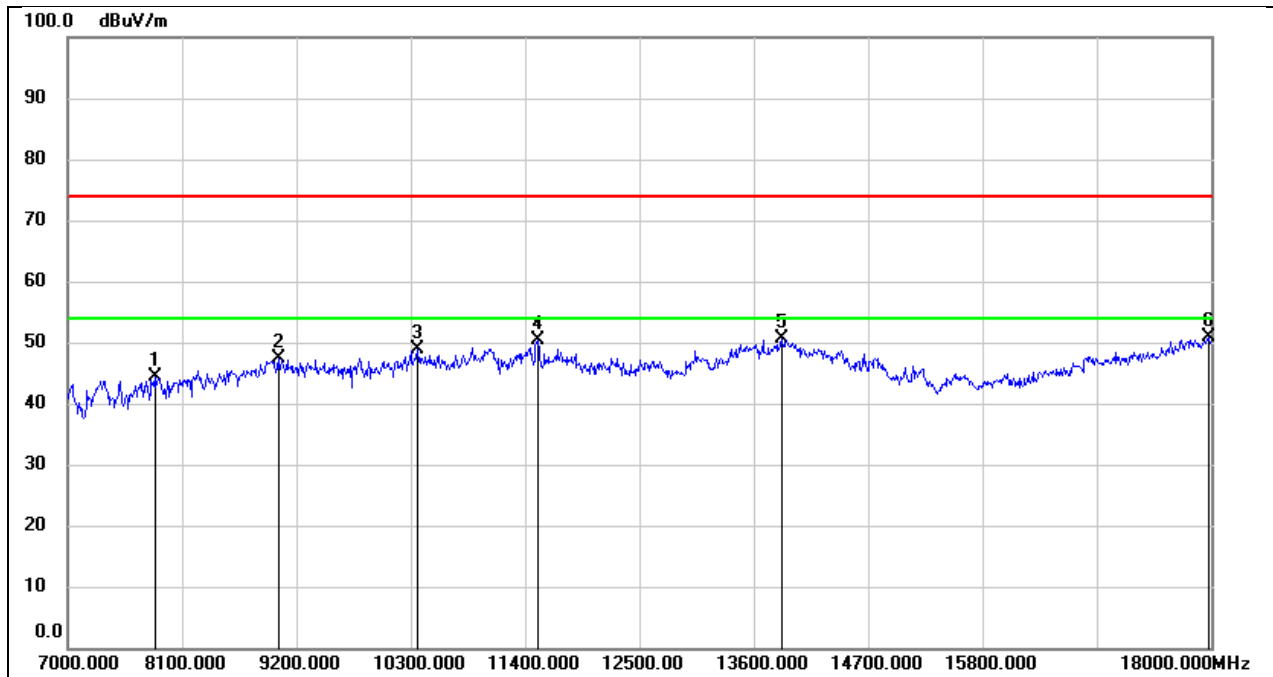
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8045.000	37.28	7.27	44.55	74.00	-29.45	peak
2	8980.000	36.25	11.57	47.82	74.00	-26.18	peak
3	11070.000	34.90	15.04	49.94	74.00	-24.06	peak
4	11422.000	35.63	16.64	52.27	74.00	-21.73	peak
5	11422.000	24.76	16.64	41.40	54.00	-12.60	AVG
6	13919.000	27.47	22.49	49.96	74.00	-24.04	peak
7	17934.000	23.73	26.69	50.42	74.00	-23.58	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	DC 3.3V



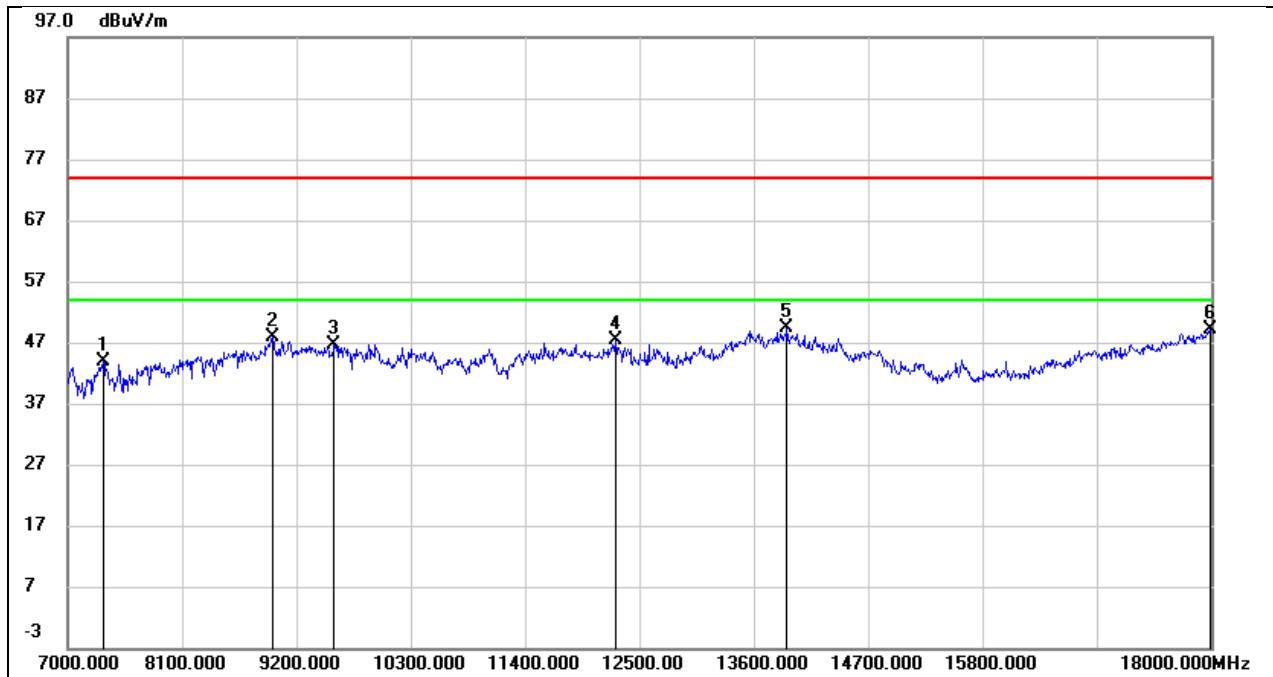
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8265.000	36.95	8.36	45.31	74.00	-28.69	peak
2	8958.000	36.04	11.24	47.28	74.00	-26.72	peak
3	10916.000	34.18	14.45	48.63	74.00	-25.37	peak
4	11389.000	31.37	16.51	47.88	74.00	-26.12	peak
5	13919.000	26.26	22.49	48.75	74.00	-25.25	peak
6	17956.000	23.31	26.78	50.09	74.00	-23.91	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 3.3V



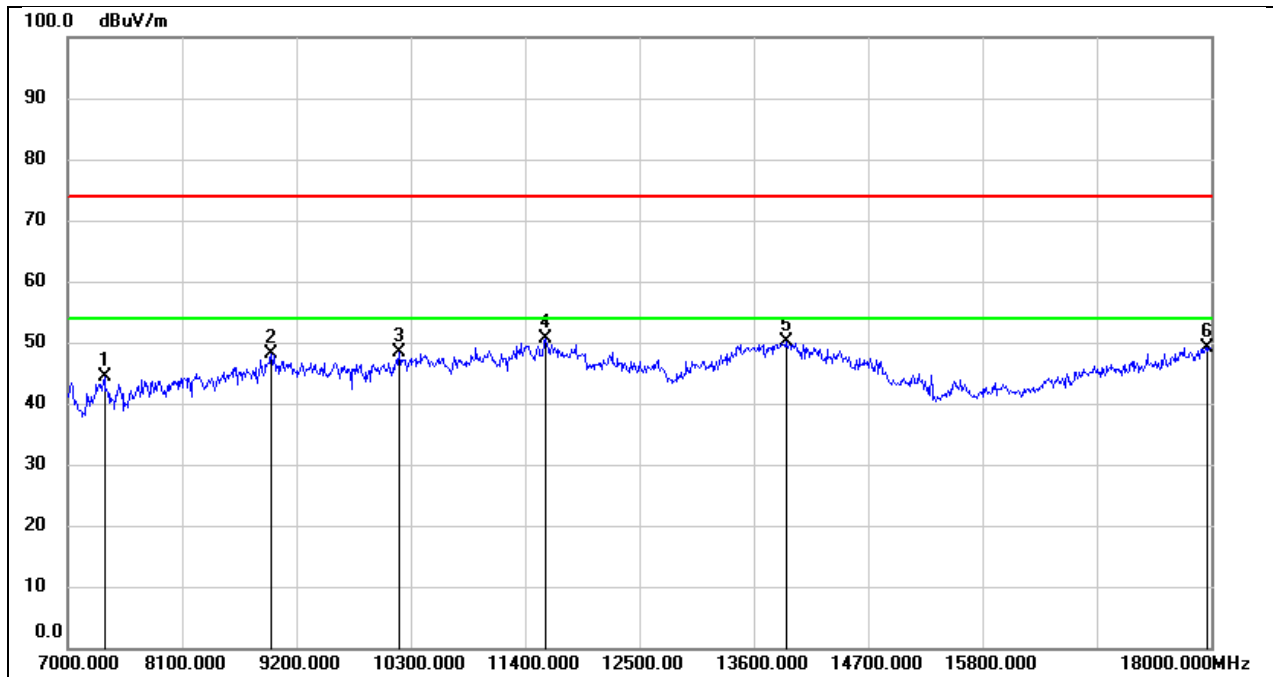
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7836.000	37.57	6.85	44.42	74.00	-29.58	peak
2	9024.000	35.61	11.65	47.26	74.00	-26.74	peak
3	10366.000	35.88	13.08	48.96	74.00	-25.04	peak
4	11521.000	33.55	16.92	50.47	74.00	-23.53	peak
5	13864.000	28.23	22.45	50.68	74.00	-23.32	peak
6	17978.000	23.93	26.88	50.81	74.00	-23.19	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Horizontal	Test Voltage:	DC 3.3V



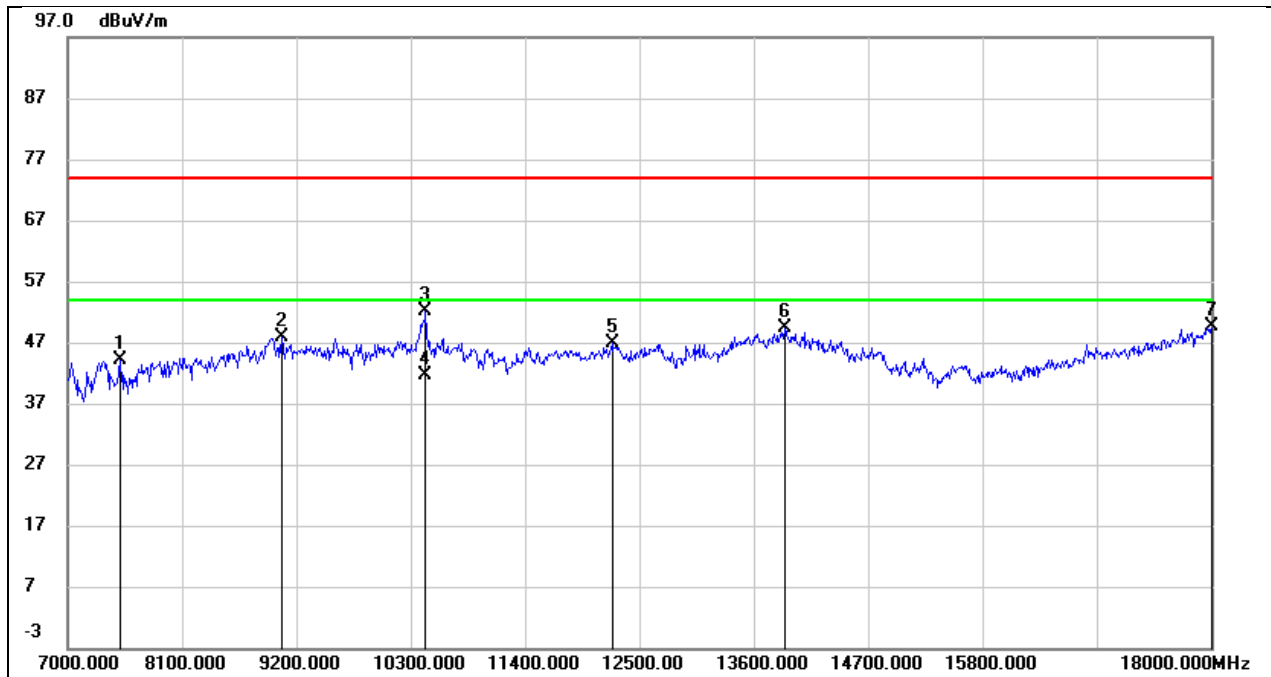
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	35.85	8.00	43.85	74.00	-30.15	peak
2	8969.000	36.46	11.40	47.86	74.00	-26.14	peak
3	9563.000	35.62	10.96	46.58	74.00	-27.42	peak
4	12269.000	28.74	18.72	47.46	74.00	-26.54	peak
5	13919.000	26.95	22.49	49.44	74.00	-24.56	peak
6	17989.000	22.11	26.92	49.03	74.00	-24.97	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 3.3V



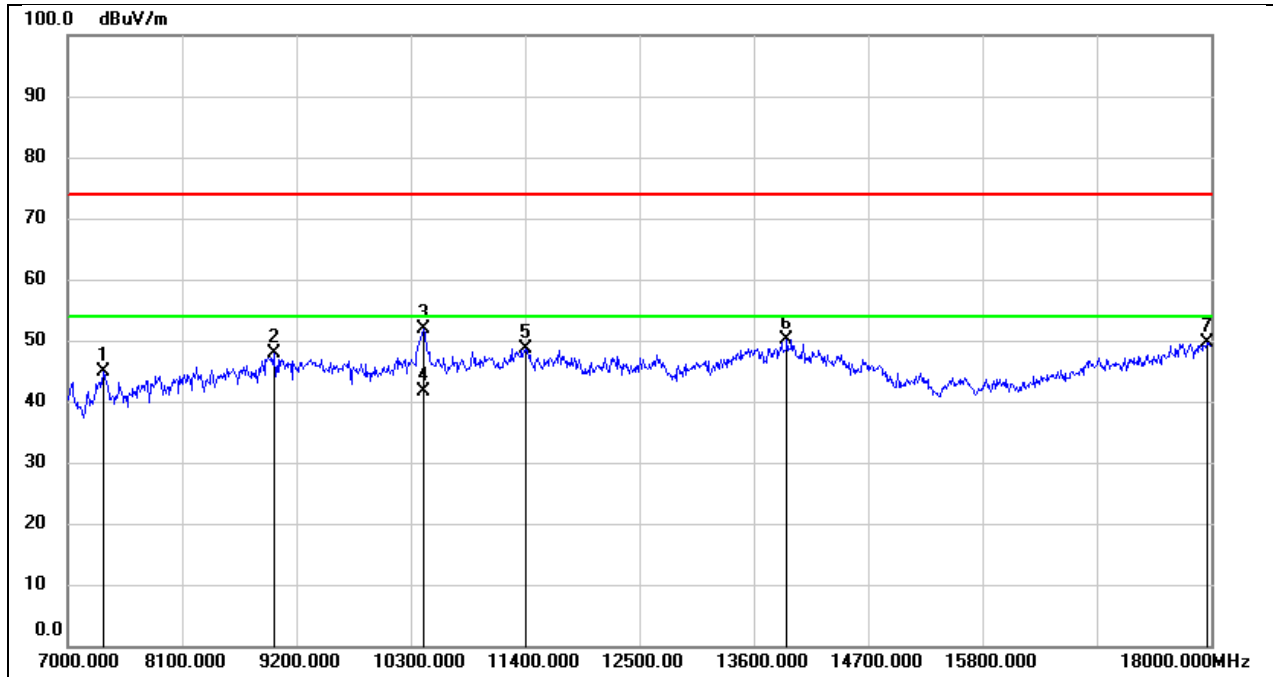
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	36.24	8.07	44.31	74.00	-29.69	peak
2	8958.000	36.78	11.24	48.02	74.00	-25.98	peak
3	10190.000	35.93	12.34	48.27	74.00	-25.73	peak
4	11598.000	33.71	17.02	50.73	74.00	-23.27	peak
5	13908.000	27.63	22.49	50.12	74.00	-23.88	peak
6	17967.000	22.42	26.83	49.25	74.00	-24.75	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Horizontal	Test Voltage:	DC 3.3V



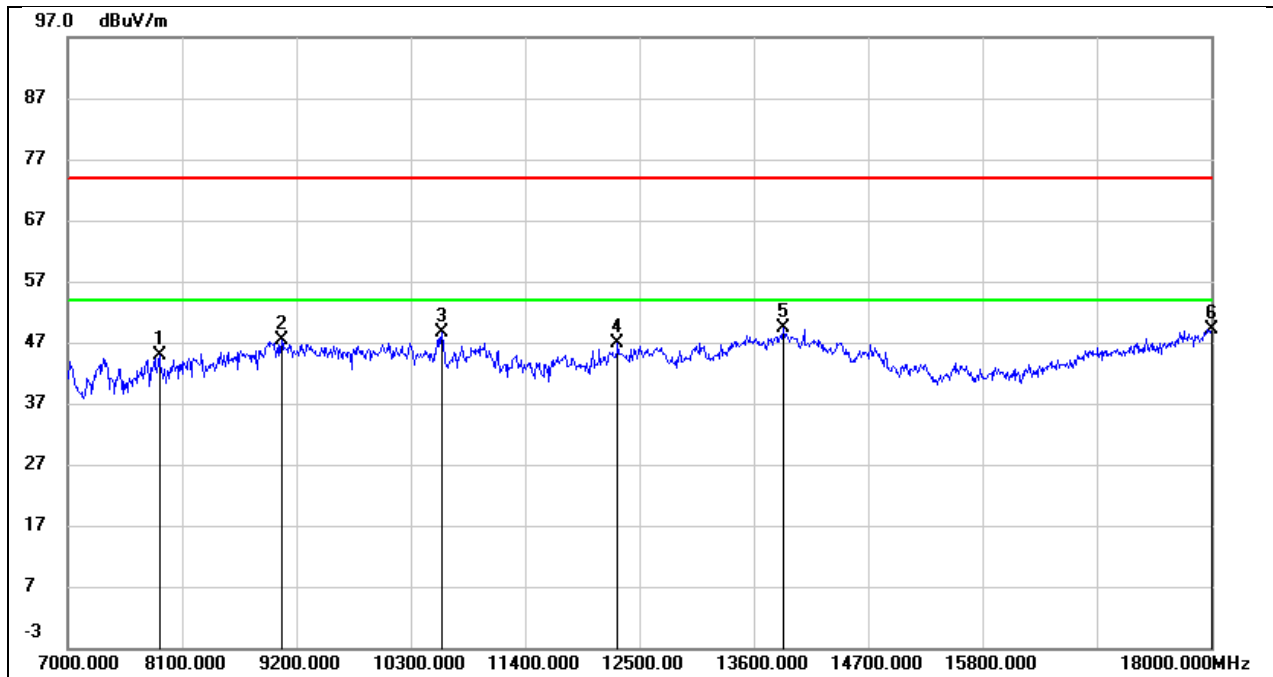
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7506.000	36.53	7.52	44.05	74.00	-29.95	peak
2	9057.000	36.63	11.35	47.98	74.00	-26.02	peak
3	10443.000	38.81	13.35	52.16	74.00	-21.84	peak
4	10443.000	28.35	13.35	41.70	54.00	-12.30	AVG
5	12236.000	28.22	18.66	46.88	74.00	-27.12	peak
6	13897.000	26.93	22.47	49.40	74.00	-24.60	peak
7	18000.000	22.63	26.97	49.60	74.00	-24.40	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 3.3V



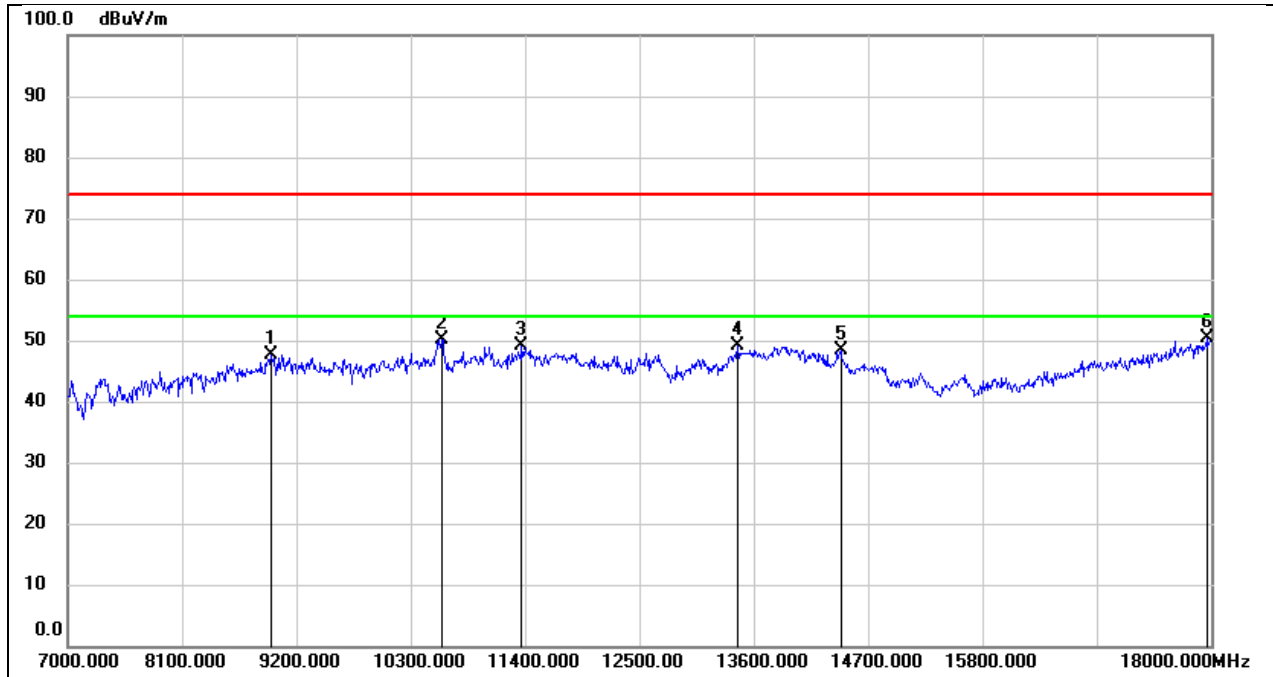
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	36.95	8.00	44.95	74.00	-29.05	peak
2	8980.000	36.32	11.57	47.89	74.00	-26.11	peak
3	10421.000	38.55	13.29	51.84	74.00	-22.16	peak
4	10421.000	28.31	13.29	41.60	54.00	-12.40	AVG
5	11411.000	32.10	16.60	48.70	74.00	-25.30	peak
6	13919.000	27.66	22.49	50.15	74.00	-23.85	peak
7	17956.000	22.84	26.78	49.62	74.00	-24.38	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5290
Polarity:	Horizontal	Test Voltage:	DC 3.3V



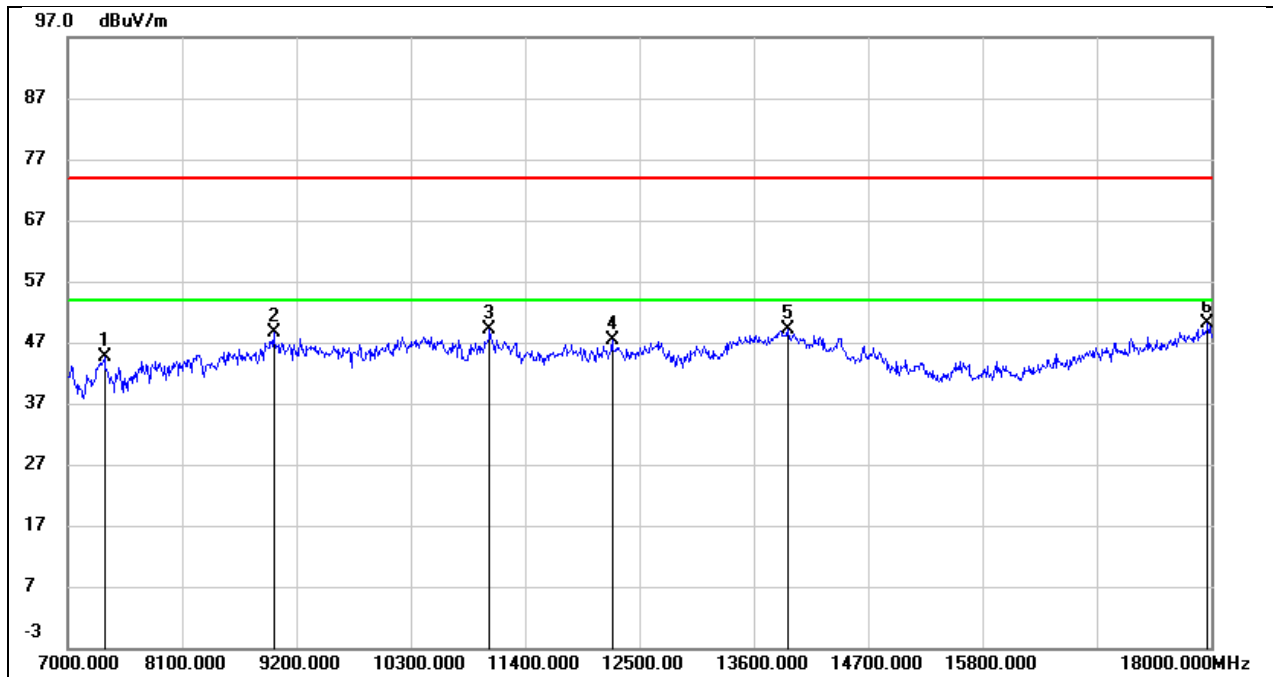
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	38.05	6.86	44.91	74.00	-29.09	peak
2	9057.000	35.98	11.35	47.33	74.00	-26.67	peak
3	10597.000	34.89	13.77	48.66	74.00	-25.34	peak
4	12291.000	28.18	18.77	46.95	74.00	-27.05	peak
5	13886.000	26.96	22.48	49.44	74.00	-24.56	peak
6	18000.000	22.18	26.97	49.15	74.00	-24.85	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5290
Polarity:	Vertical	Test Voltage:	DC 3.3V



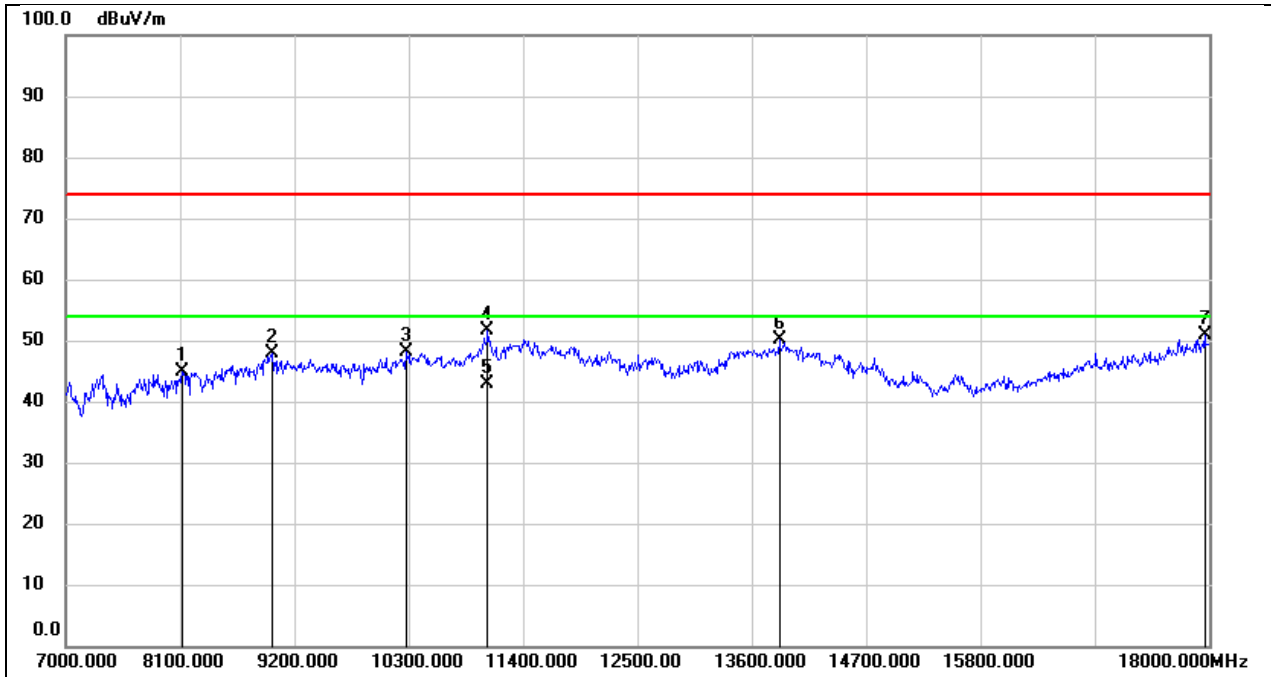
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	36.51	11.24	47.75	74.00	-26.25	peak
2	10597.000	36.47	13.77	50.24	74.00	-23.76	peak
3	11367.000	32.65	16.37	49.02	74.00	-24.98	peak
4	13446.000	27.78	21.25	49.03	74.00	-24.97	peak
5	14436.000	27.68	20.63	48.31	74.00	-25.69	peak
6	17956.000	23.72	26.78	50.50	74.00	-23.50	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5530
Polarity:	Horizontal	Test Voltage:	DC 3.3V



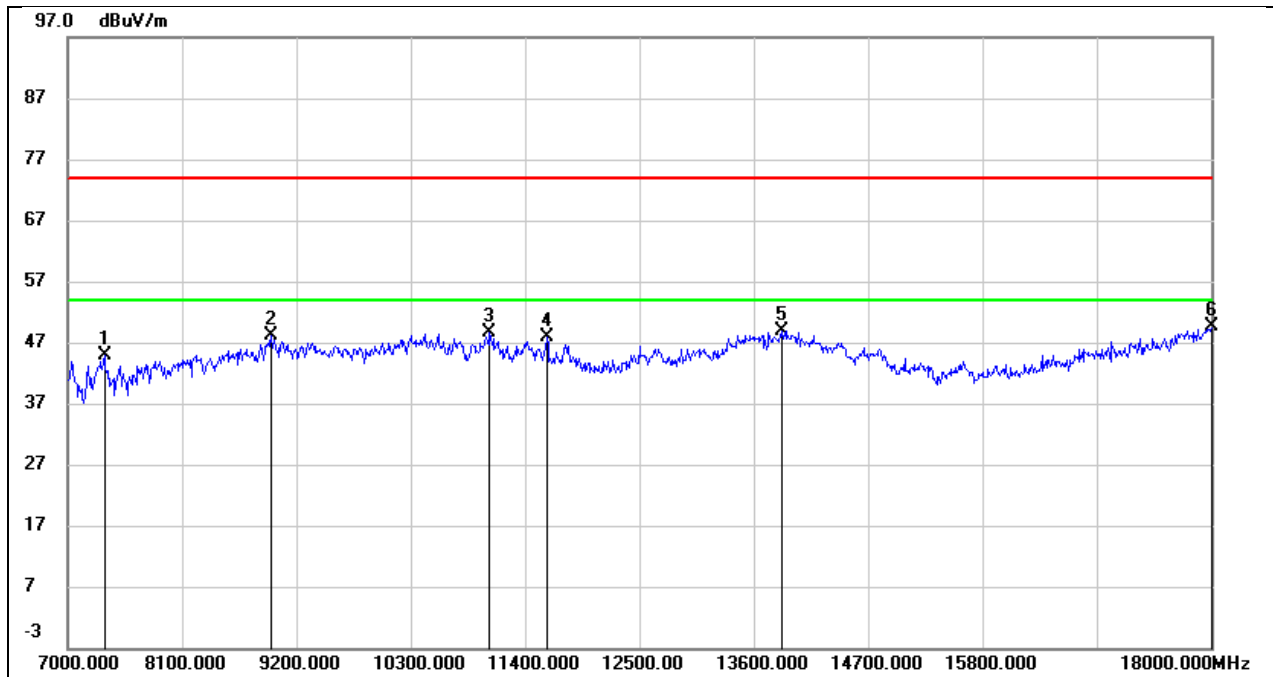
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	36.55	8.07	44.62	74.00	-29.38	peak
2	8980.000	37.18	11.57	48.75	74.00	-25.25	peak
3	11059.000	34.14	15.02	49.16	74.00	-24.84	peak
4	12236.000	28.84	18.66	47.50	74.00	-26.50	peak
5	13930.000	26.65	22.50	49.15	74.00	-24.85	peak
6	17967.000	23.24	26.83	50.07	74.00	-23.93	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5530
Polarity:	Vertical	Test Voltage:	DC 3.3V



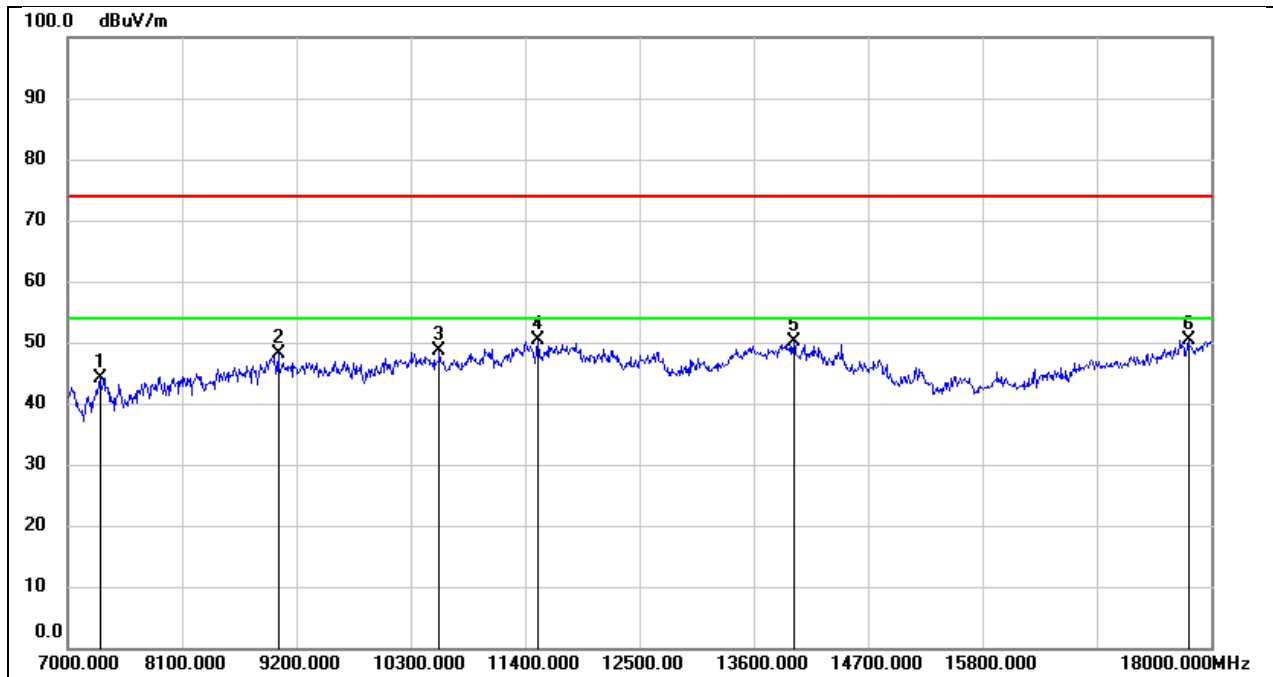
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8122.000	37.07	7.93	45.00	74.00	-29.00	peak
2	8991.000	36.17	11.73	47.90	74.00	-26.10	peak
3	10278.000	35.35	12.69	48.04	74.00	-25.96	peak
4	11059.000	36.54	15.02	51.56	74.00	-22.44	peak
5	11059.000	27.88	15.02	42.90	54.00	-11.10	AVG
6	13864.000	27.72	22.45	50.17	74.00	-23.83	peak
7	17956.000	24.11	26.78	50.89	74.00	-23.11	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5610
Polarity:	Horizontal	Test Voltage:	DC 3.3V



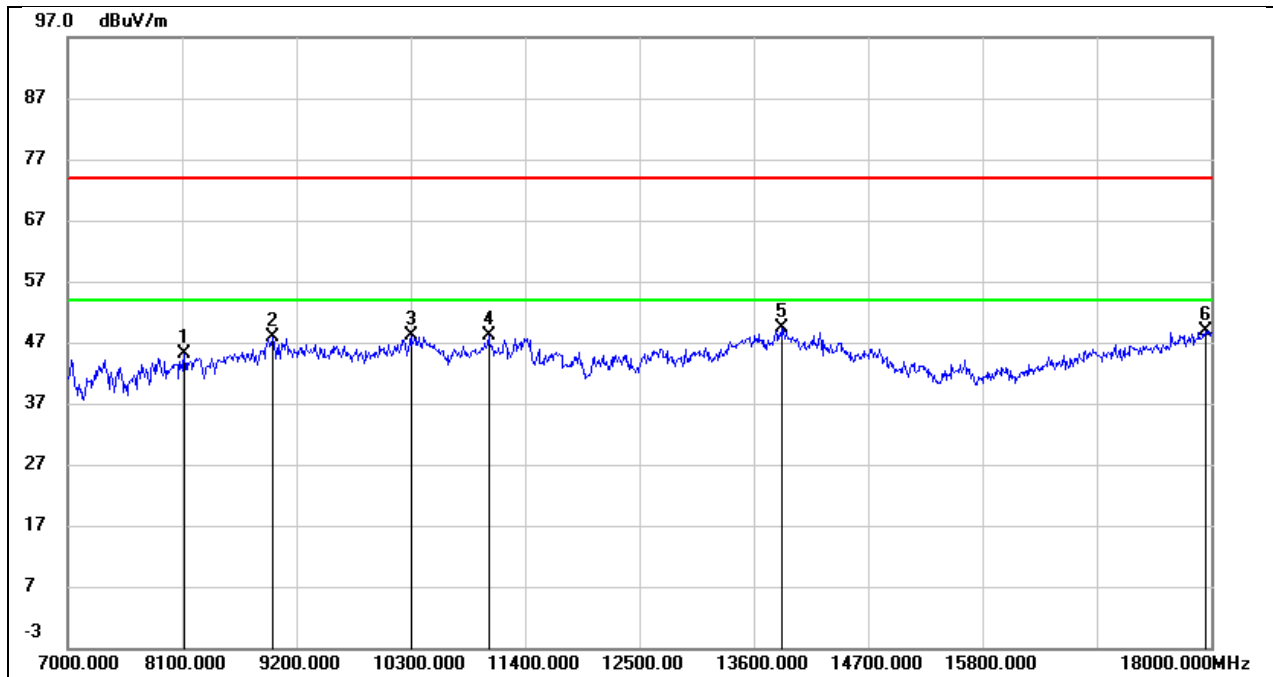
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	36.74	8.07	44.81	74.00	-29.19	peak
2	8958.000	36.80	11.24	48.04	74.00	-25.96	peak
3	11059.000	33.56	15.02	48.58	74.00	-25.42	peak
4	11609.000	30.73	17.05	47.78	74.00	-26.22	peak
5	13864.000	26.54	22.45	48.99	74.00	-25.01	peak
6	18000.000	22.62	26.97	49.59	74.00	-24.41	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5610
Polarity:	Vertical	Test Voltage:	DC 3.3V



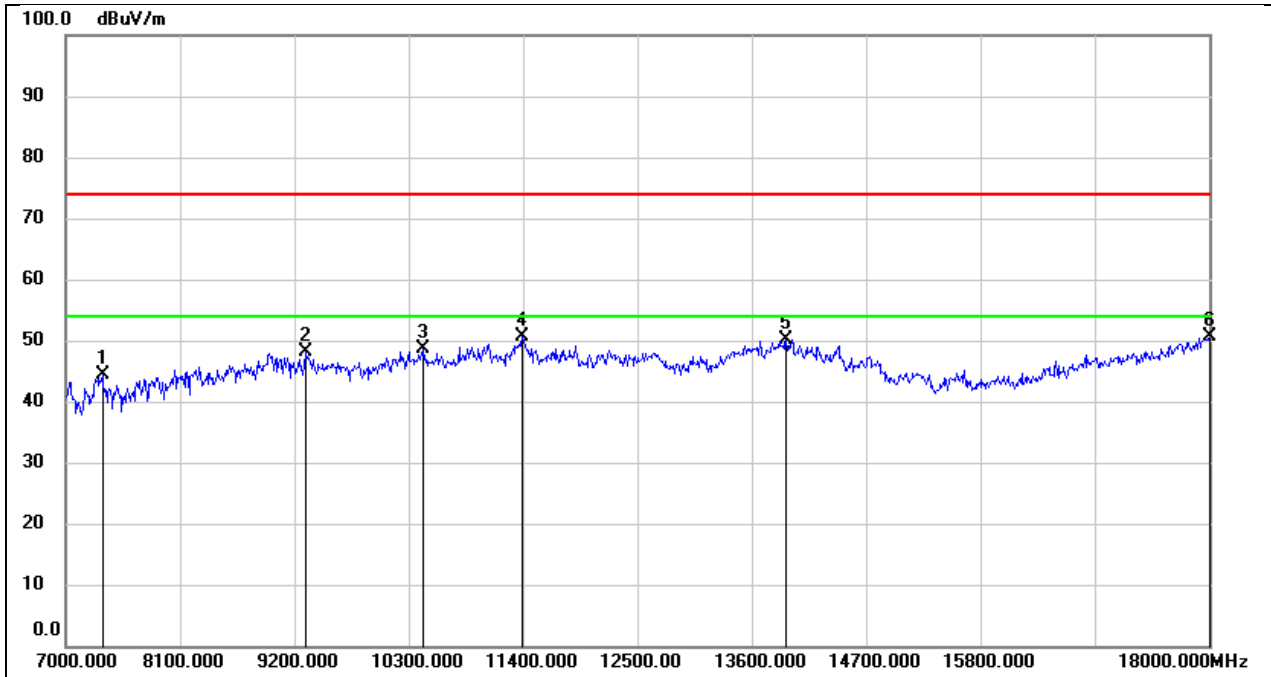
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	36.47	7.73	44.20	74.00	-29.80	peak
2	9024.000	36.42	11.65	48.07	74.00	-25.93	peak
3	10575.000	34.95	13.70	48.65	74.00	-25.35	peak
4	11521.000	33.56	16.92	50.48	74.00	-23.52	peak
5	13985.000	27.60	22.53	50.13	74.00	-23.87	peak
6	17780.000	24.44	25.89	50.33	74.00	-23.67	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5690
Polarity:	Horizontal	Test Voltage:	DC 3.3V



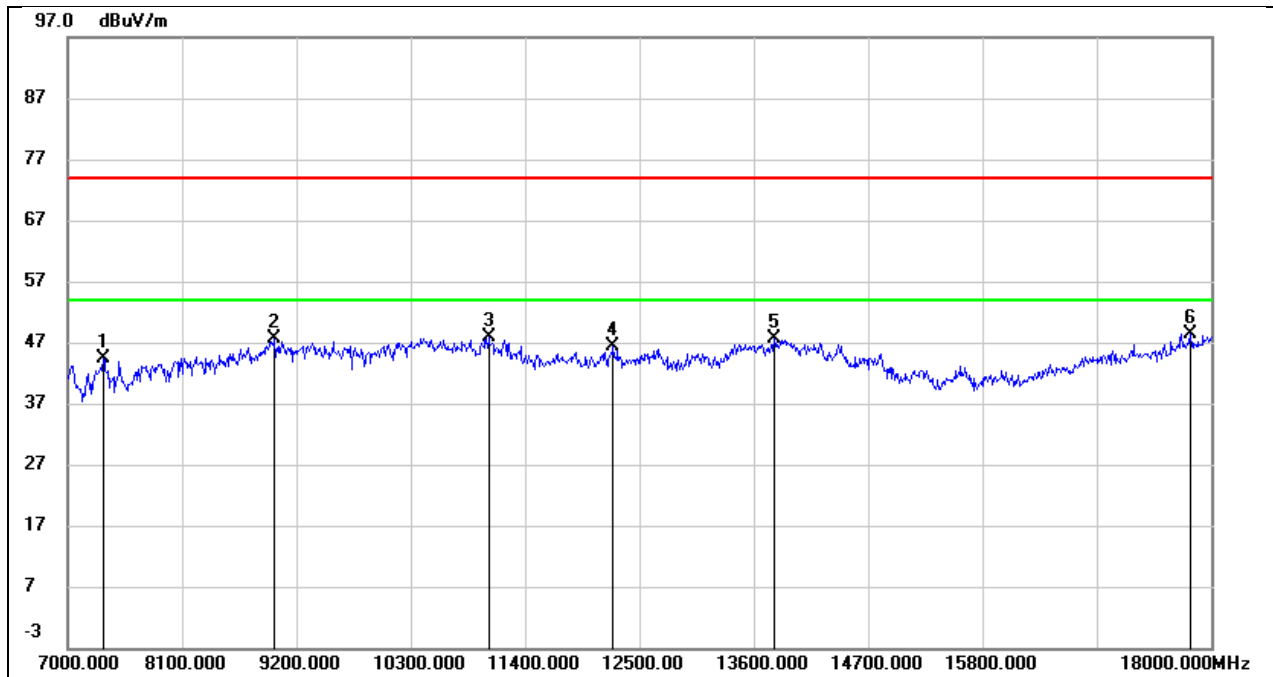
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8122.000	37.23	7.93	45.16	74.00	-28.84	peak
2	8969.000	36.47	11.40	47.87	74.00	-26.13	peak
3	10300.000	35.27	12.78	48.05	74.00	-25.95	peak
4	11048.000	33.06	14.99	48.05	74.00	-25.95	peak
5	13875.000	26.86	22.46	49.32	74.00	-24.68	peak
6	17945.000	22.18	26.74	48.92	74.00	-25.08	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5690
Polarity:	Vertical	Test Voltage:	DC 3.3V



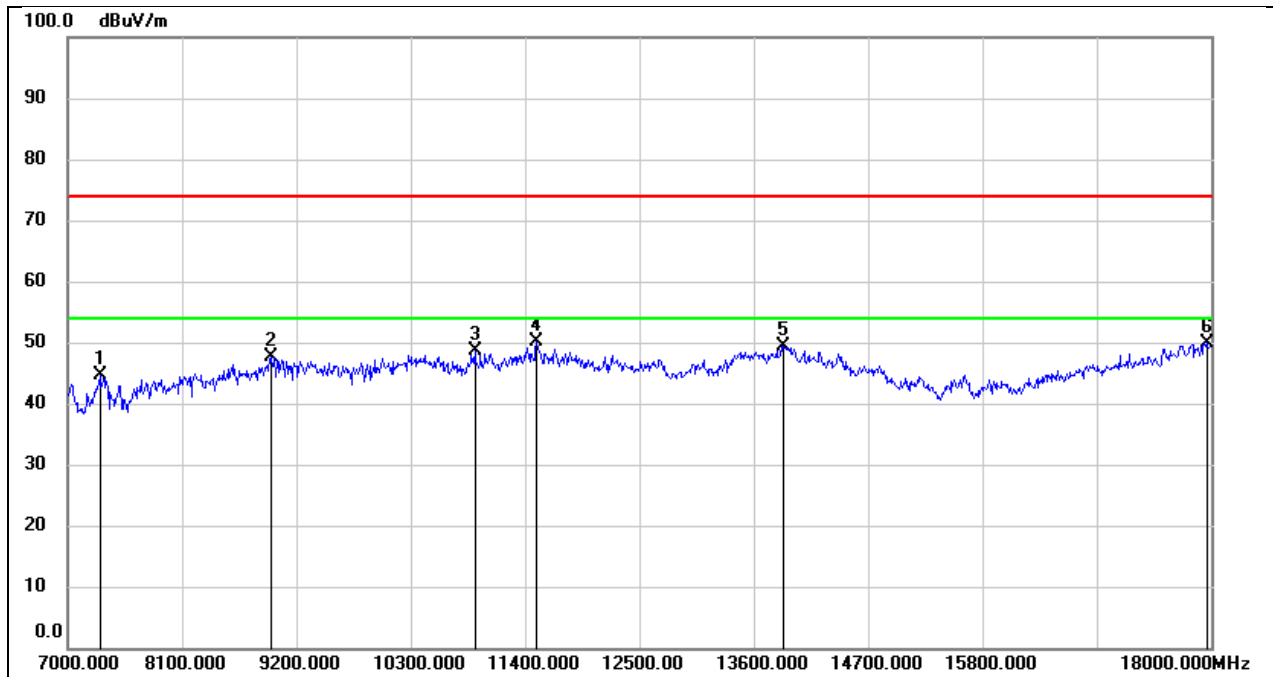
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	36.35	8.07	44.42	74.00	-29.58	peak
2	9310.000	37.69	10.39	48.08	74.00	-25.92	peak
3	10443.000	35.24	13.35	48.59	74.00	-25.41	peak
4	11389.000	34.19	16.51	50.70	74.00	-23.30	peak
5	13930.000	27.74	22.50	50.24	74.00	-23.76	peak
6	18000.000	23.75	26.97	50.72	74.00	-23.28	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	36.28	8.00	44.28	74.00	-29.72	peak
2	8991.000	35.91	11.73	47.64	74.00	-26.36	peak
3	11048.000	33.00	14.99	47.99	74.00	-26.01	peak
4	12247.000	27.65	18.68	46.33	74.00	-27.67	peak
5	13798.000	25.20	22.41	47.61	74.00	-26.39	peak
6	17802.000	22.27	26.13	48.40	74.00	-25.60	peak

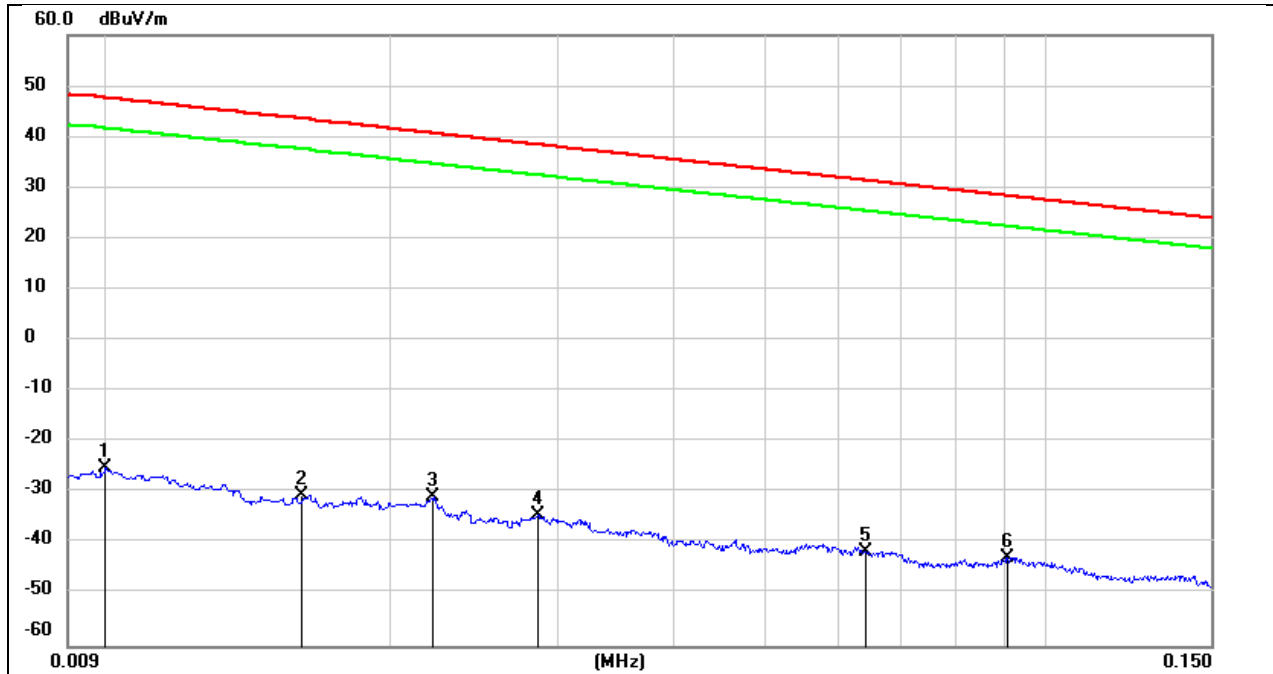
Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	36.89	7.73	44.62	74.00	-29.38	peak
2	8958.000	36.28	11.24	47.52	74.00	-26.48	peak
3	10916.000	34.20	14.45	48.65	74.00	-25.35	peak
4	11510.000	33.17	16.90	50.07	74.00	-23.93	peak
5	13886.000	26.96	22.48	49.44	74.00	-24.56	peak
6	17956.000	23.15	26.78	49.93	74.00	-24.07	peak

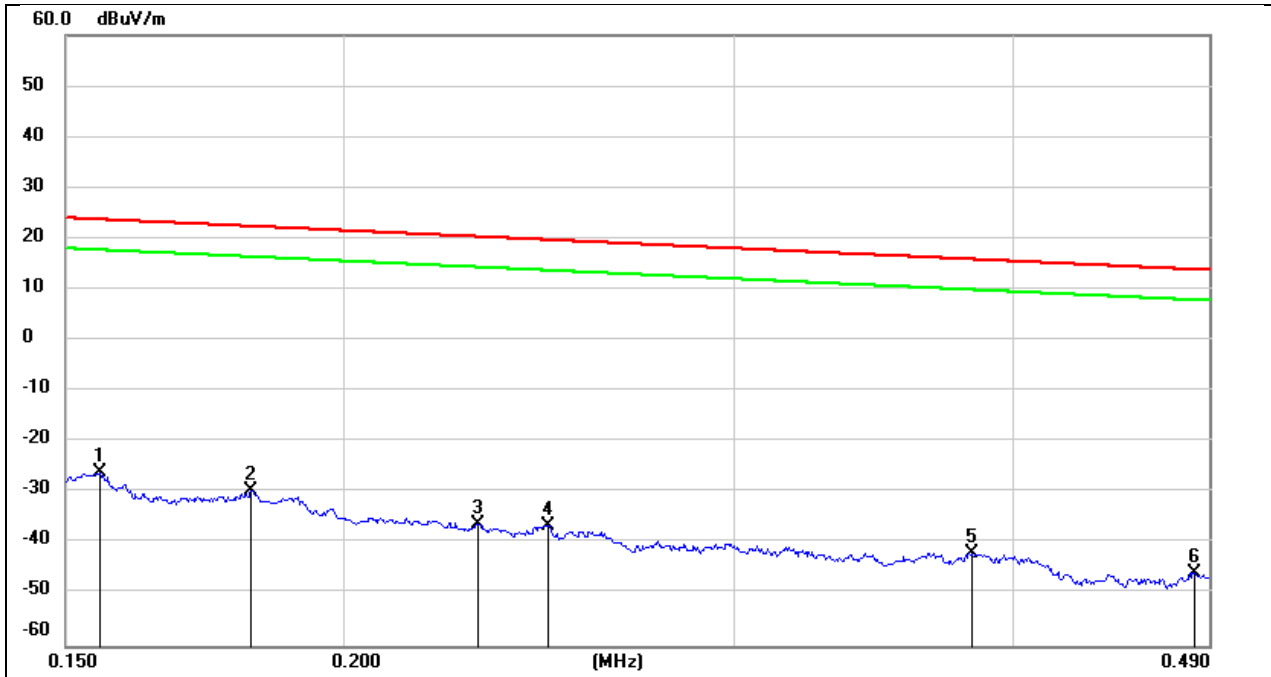
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



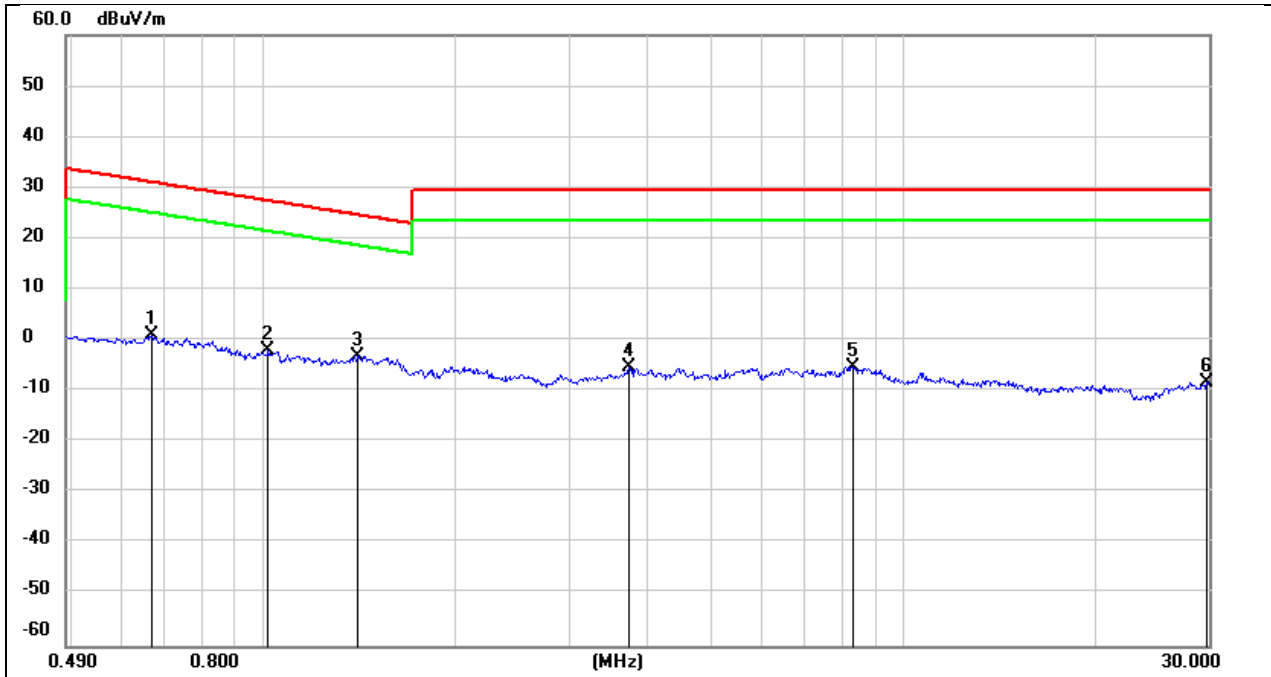
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.0100	76.22	-101.40	-25.18	47.60	-76.68	-3.90	-72.78	peak
2	0.0160	70.97	-101.37	-30.40	43.52	-81.90	-7.98	-73.92	peak
3	0.0221	70.63	-101.35	-30.72	40.71	-82.22	-10.79	-71.43	peak
4	0.0286	66.94	-101.38	-34.44	38.47	-85.94	-13.03	-72.91	peak
5	0.0641	59.96	-101.54	-41.58	31.47	-93.08	-20.03	-73.05	peak
6	0.0911	59.11	-101.72	-42.61	28.41	-94.11	-23.09	-71.02	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.1554	75.77	-101.65	-25.88	23.77	-77.38	-27.73	-49.65	peak
2	0.1817	72.03	-101.68	-29.65	22.42	-81.15	-29.08	-52.07	peak
3	0.2298	65.55	-101.77	-36.22	20.37	-87.72	-31.13	-56.59	peak
4	0.2472	65.45	-101.80	-36.35	19.74	-87.85	-31.76	-56.09	peak
5	0.3834	60.19	-101.94	-41.75	15.93	-93.25	-35.57	-57.68	peak
6	0.4823	56.19	-102.04	-45.85	13.94	-97.35	-37.56	-59.79	peak

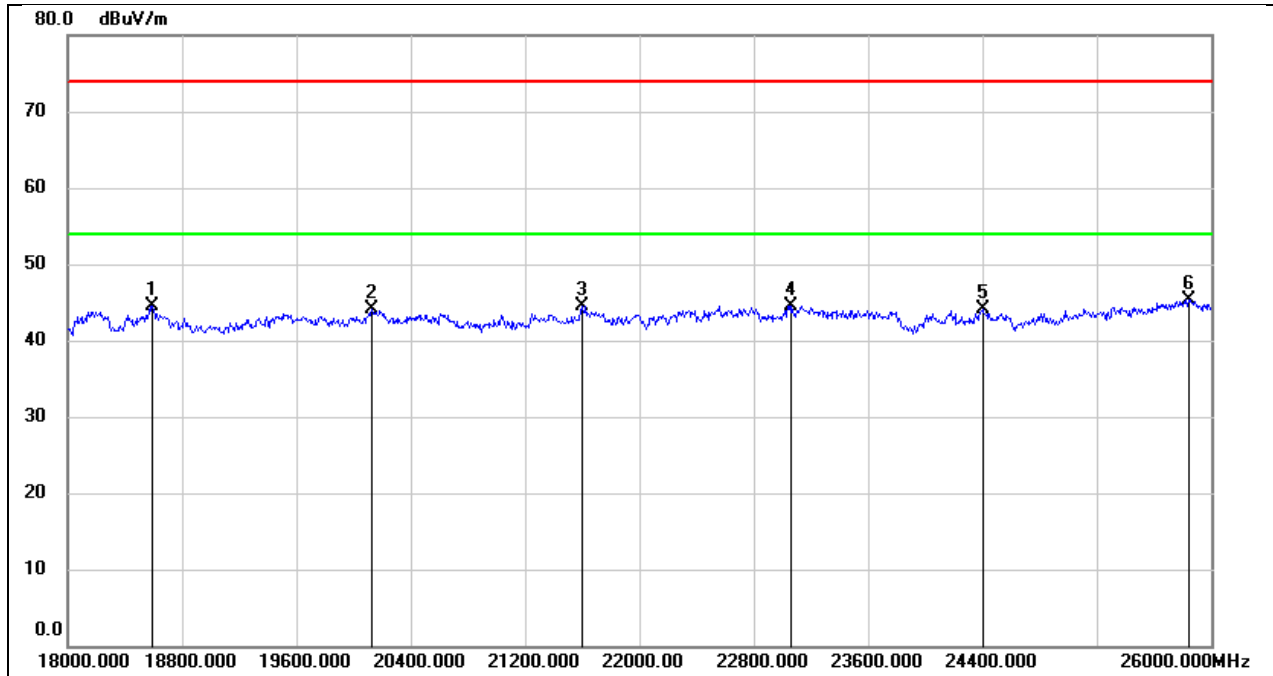
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.6671	63.25	-62.10	1.15	31.12	-50.35	-20.38	-29.97	peak
2	1.0141	60.18	-62.27	-2.09	27.48	-53.59	-24.02	-29.57	peak
3	1.4048	58.90	-62.09	-3.19	24.65	-54.69	-26.85	-27.84	peak
4	3.7100	56.20	-61.41	-5.21	29.54	-56.71	-21.96	-34.75	peak
5	8.3397	55.69	-61.03	-5.34	29.54	-56.84	-21.96	-34.88	peak
6	29.7637	51.75	-59.99	-8.24	29.54	-59.74	-21.96	-37.78	peak

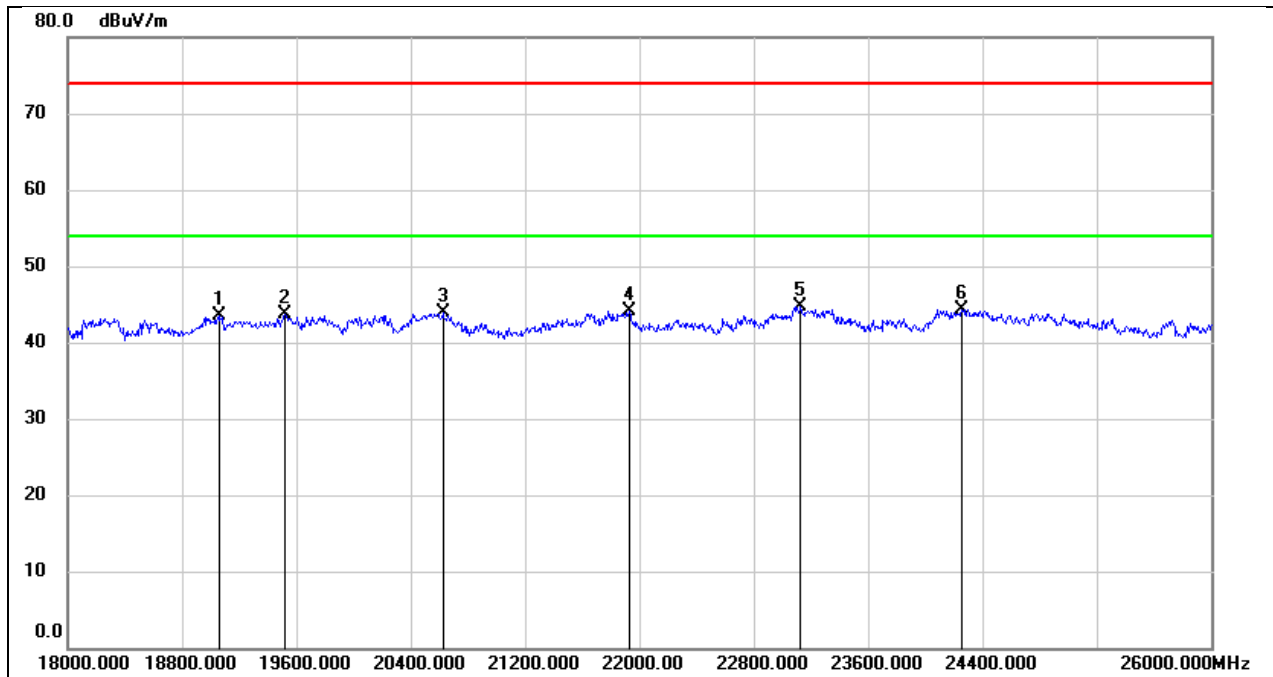
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18592.000	49.75	-5.31	44.44	74.00	-29.56	peak
2	20128.000	49.62	-5.53	44.09	74.00	-29.91	peak
3	21600.000	49.02	-4.54	44.48	74.00	-29.52	peak
4	23064.000	47.99	-3.42	44.57	74.00	-29.43	peak
5	24400.000	46.59	-2.52	44.07	74.00	-29.93	peak
6	25840.000	46.16	-0.77	45.39	74.00	-28.61	peak

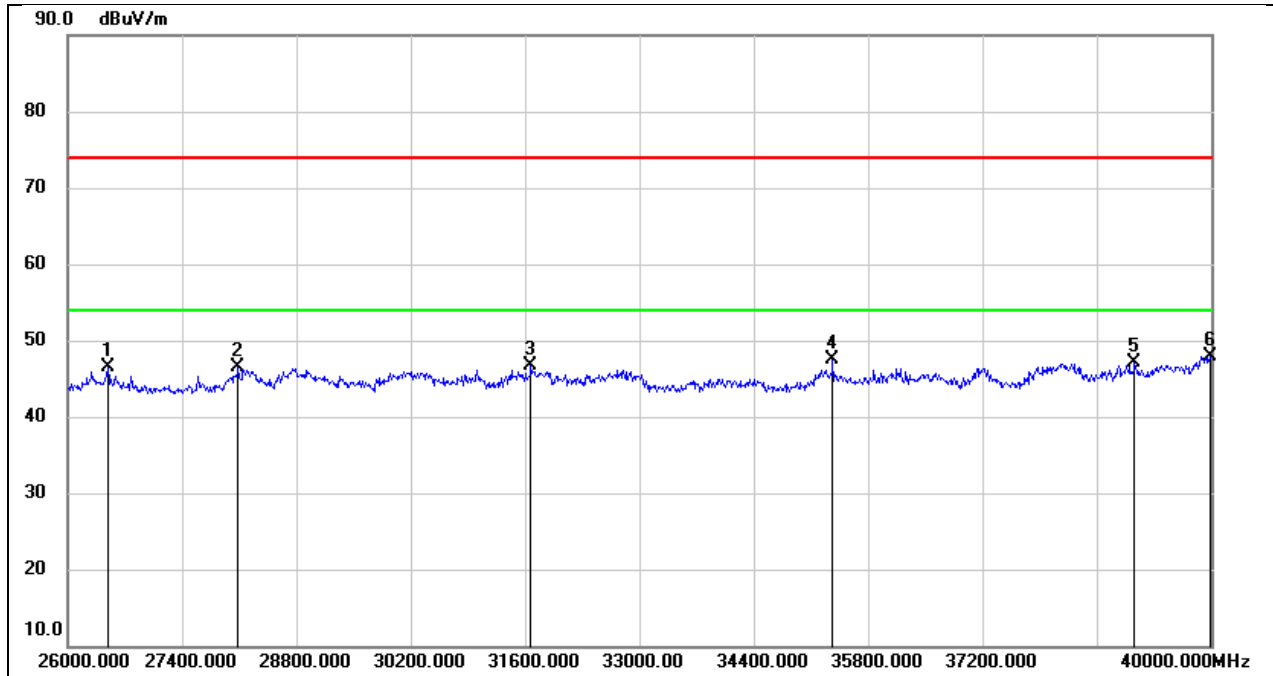
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19056.000	48.82	-5.30	43.52	74.00	-30.48	peak
2	19520.000	49.18	-5.52	43.66	74.00	-30.34	peak
3	20624.000	49.07	-5.23	43.84	74.00	-30.16	peak
4	21928.000	48.55	-4.43	44.12	74.00	-29.88	peak
5	23128.000	48.19	-3.40	44.79	74.00	-29.21	peak
6	24256.000	47.12	-2.82	44.30	74.00	-29.70	peak

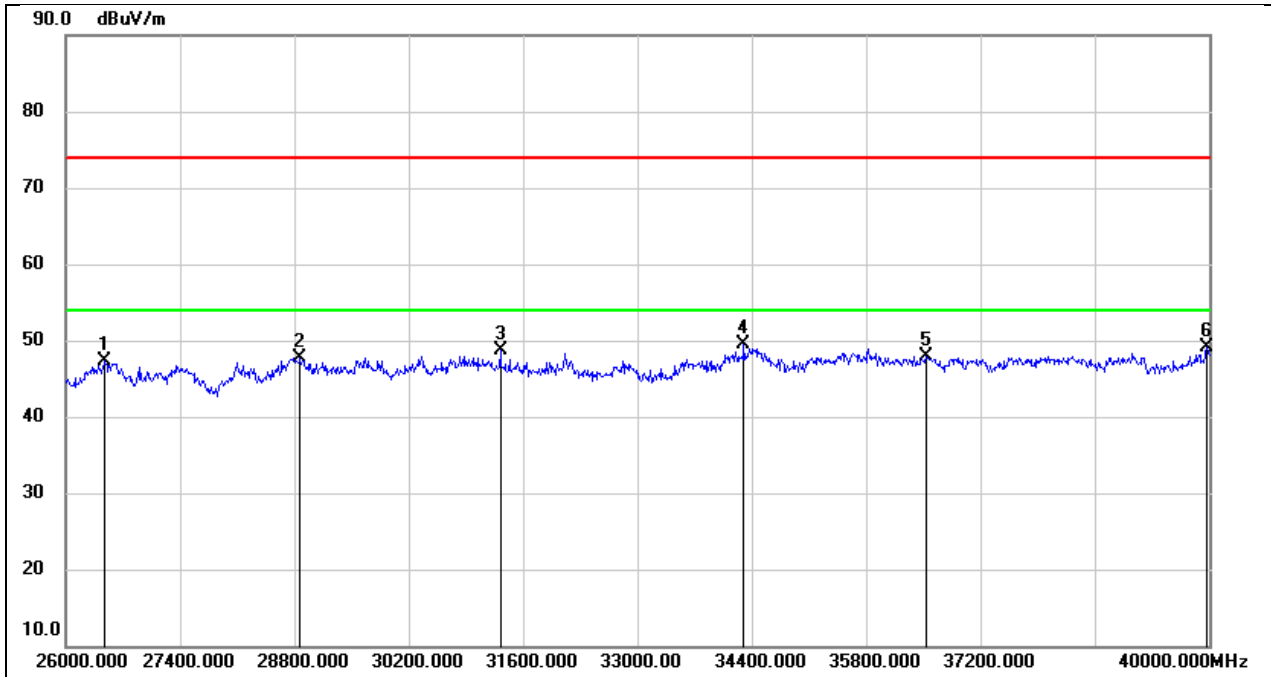
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	51.29	-4.74	46.55	74.00	-27.45	peak
2	28086.000	49.91	-3.49	46.42	74.00	-27.58	peak
3	31670.000	47.86	-1.21	46.65	74.00	-27.35	peak
4	35366.000	44.90	2.59	47.49	74.00	-26.51	peak
5	39062.000	42.81	4.30	47.11	74.00	-26.89	peak
6	39986.000	42.77	5.17	47.94	74.00	-26.06	peak

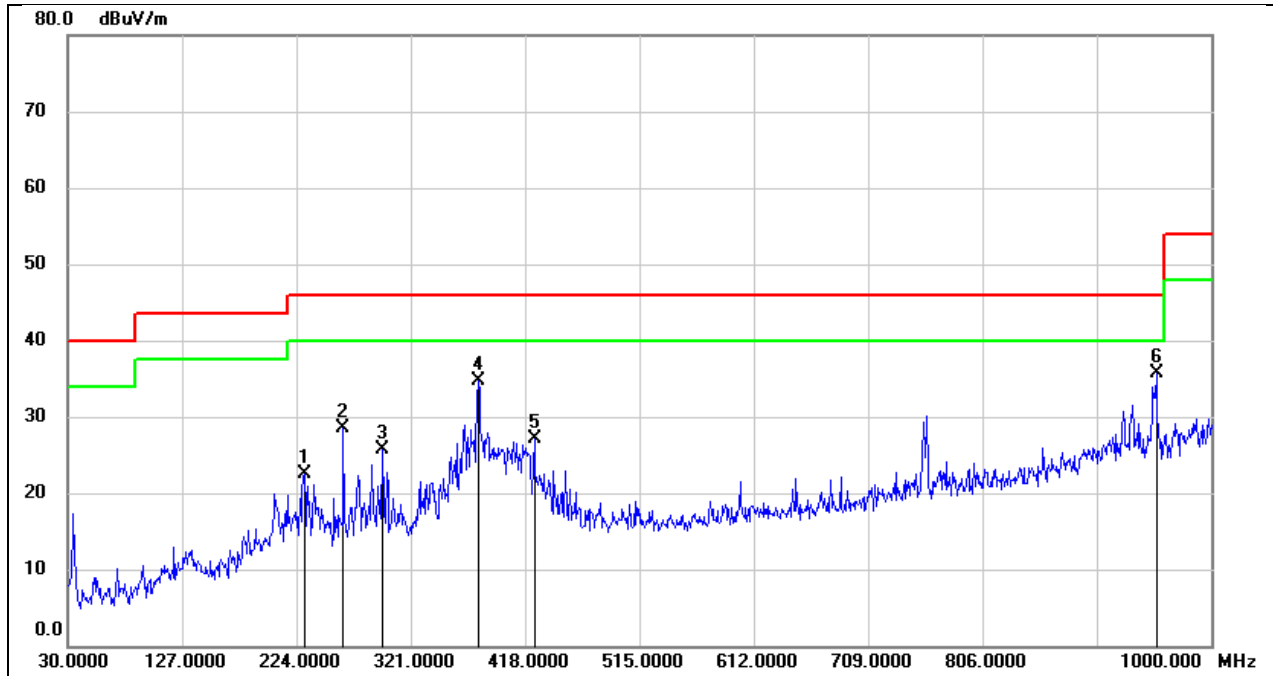
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	52.03	-4.78	47.25	74.00	-26.75	peak
2	28870.000	48.60	-0.95	47.65	74.00	-26.35	peak
3	31320.000	49.61	-0.93	48.68	74.00	-25.32	peak
4	34302.000	48.45	1.10	49.55	74.00	-24.45	peak
5	36528.000	44.32	3.65	47.97	74.00	-26.03	peak
6	39972.000	43.95	5.13	49.08	74.00	-24.92	peak

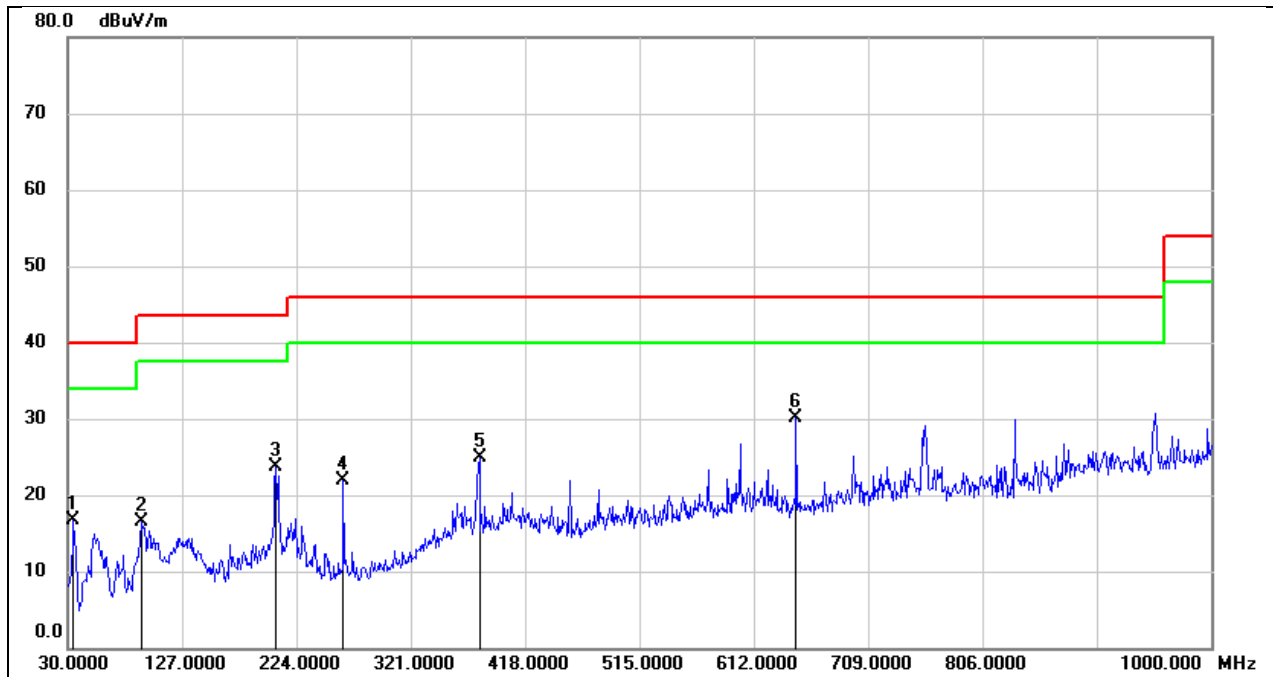
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	230.7900	35.93	-13.48	22.45	46.00	-23.55	QP
2	263.7700	42.32	-13.74	28.58	46.00	-17.42	QP
3	296.7500	37.43	-11.70	25.73	46.00	-20.27	QP
4	378.2300	44.53	-9.81	34.72	46.00	-11.28	QP
5	425.7600	36.38	-9.27	27.11	46.00	-18.89	QP
6	953.4400	37.24	-1.58	35.66	46.00	-10.34	QP

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.8500	31.53	-14.75	16.78	40.00	-23.22	QP
2	93.0500	33.22	-16.71	16.51	43.50	-26.99	QP
3	206.5399	36.24	-12.47	23.77	43.50	-19.73	QP
4	263.7700	35.60	-13.74	21.86	46.00	-24.14	QP
5	379.2000	34.67	-9.82	24.85	46.00	-21.15	QP
6	647.8900	36.24	-6.05	30.19	46.00	-15.81	QP

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

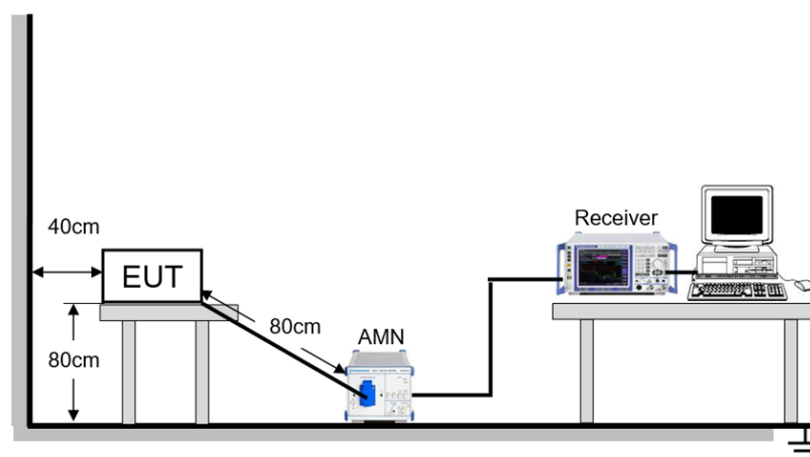
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP



TEST ENVIRONMENT

Temperature	23.6°C	Relative Humidity	58%
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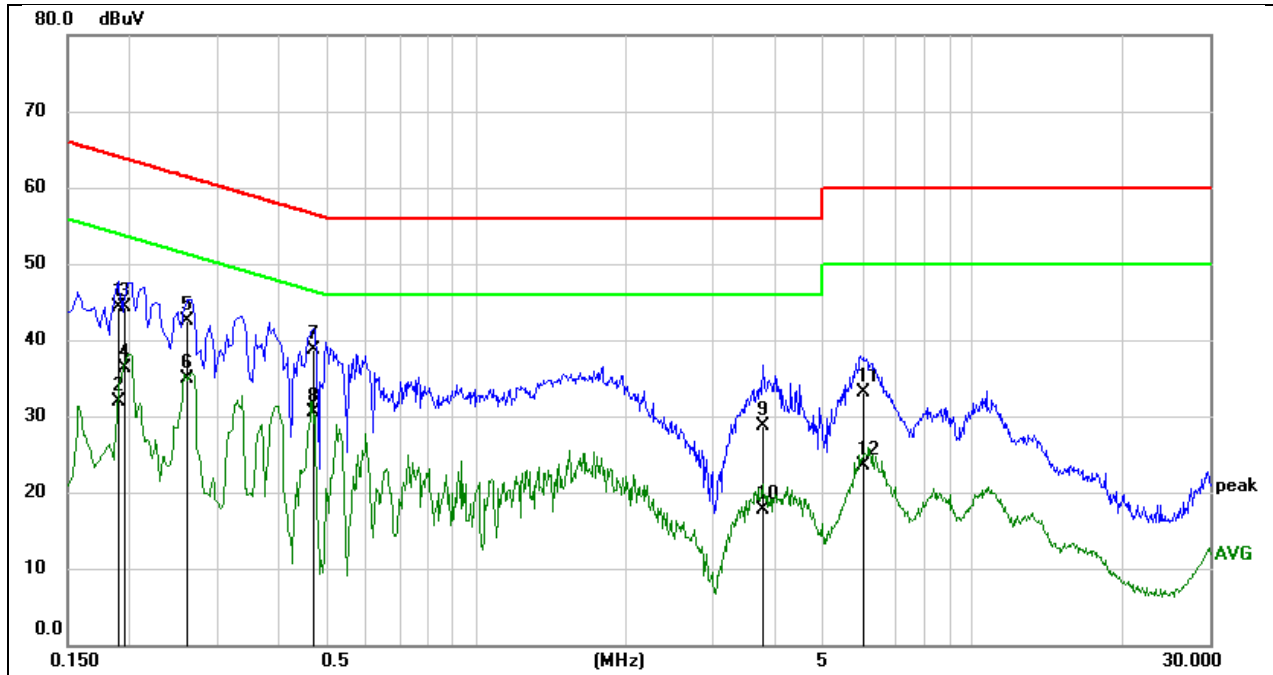
Atmosphere Pressure	101kPa	Test Voltage	AC 120 V, 60 Hz
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TEST DATE / ENGINEER

Test Date	June 17, 2024	Test By	Fanny Huang
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TEST RESULTS

Test Mode:	802.11a 20	Frequency(MHz):	5180
Line:	Line		



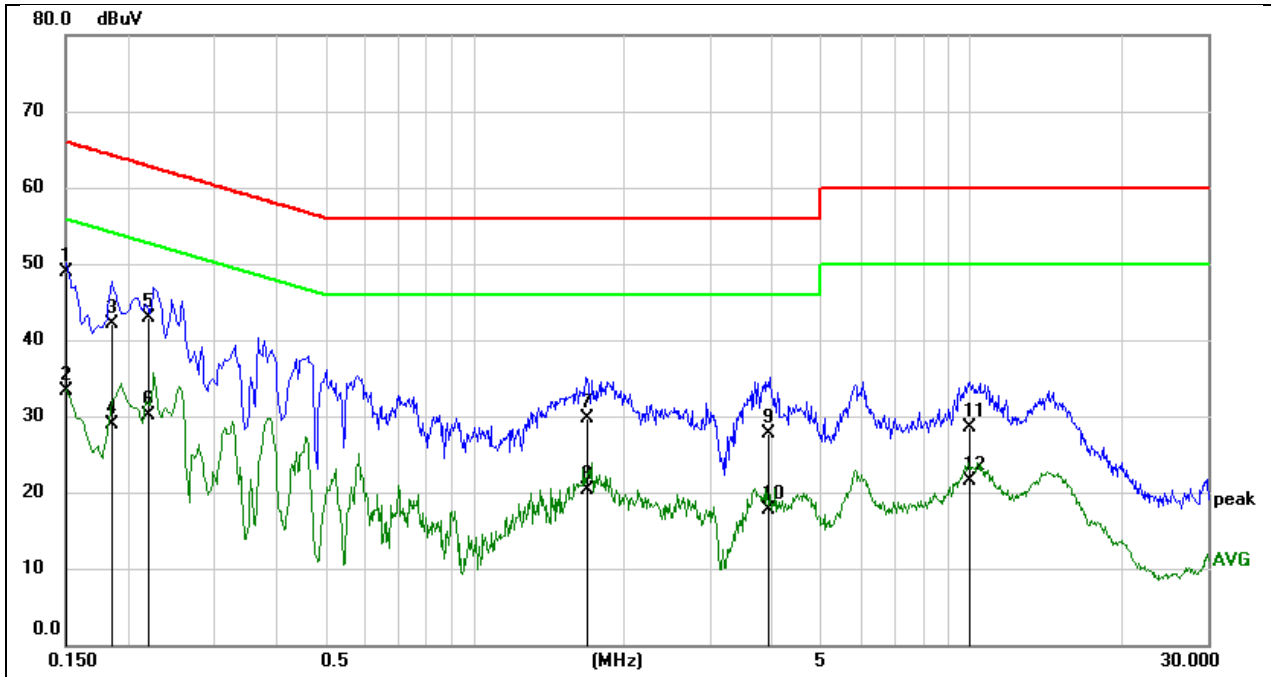
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1900	34.03	10.26	44.29	64.04	-19.75	QP
2	0.1900	21.56	10.26	31.82	54.04	-22.22	AVG
3	0.1948	34.10	10.25	44.35	63.83	-19.48	QP
4	0.1948	26.07	10.25	36.32	53.83	-17.51	AVG
5	0.2611	32.32	10.24	42.56	61.40	-18.84	QP
6	0.2611	24.71	10.24	34.95	51.40	-16.45	AVG
7	0.4700	28.38	10.24	38.62	56.51	-17.89	QP
8	0.4700	20.31	10.24	30.55	46.51	-15.96	AVG
9	3.7539	18.60	10.19	28.79	56.00	-27.21	QP
10	3.7539	7.56	10.19	17.75	46.00	-28.25	AVG
11	6.0224	22.78	10.30	33.08	60.00	-26.92	QP
12	6.0224	13.20	10.30	23.50	50.00	-26.50	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

Test Mode:	802.11a 20	Frequency(MHz):	5180
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1514	38.62	10.24	48.86	65.92	-17.06	QP
2	0.1514	23.10	10.24	33.34	55.92	-22.58	AVG
3	0.1860	31.92	10.17	42.09	64.21	-22.12	QP
4	0.1860	18.73	10.17	28.90	54.21	-25.31	AVG
5	0.2216	32.81	10.13	42.94	62.76	-19.82	QP
6	0.2216	19.97	10.13	30.10	52.76	-22.66	AVG
7	1.6891	19.65	9.98	29.63	56.00	-26.37	QP
8	1.6891	10.31	9.98	20.29	46.00	-25.71	AVG
9	3.8946	17.39	10.31	27.70	56.00	-28.30	QP
10	3.8946	7.48	10.31	17.79	46.00	-28.21	AVG
11	9.9262	18.03	10.43	28.46	60.00	-31.54	QP
12	9.9262	11.10	10.43	21.53	50.00	-28.47	AVG

Note:

1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

10. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC part 15.407(a)

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

11. TEST DATA

11.1. APPENDIX A: DUTY CYCLE

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
a	1.39	1.44	0.9653	96.53	0.15	0.72	1
n20	1.3	1.34	0.9701	97.01	0.13	0.77	1
n40	0.65	0.69	0.9420	94.20	0.26	1.54	2
ac80	0.33	0.37	0.8919	89.19	0.50	3.03	4

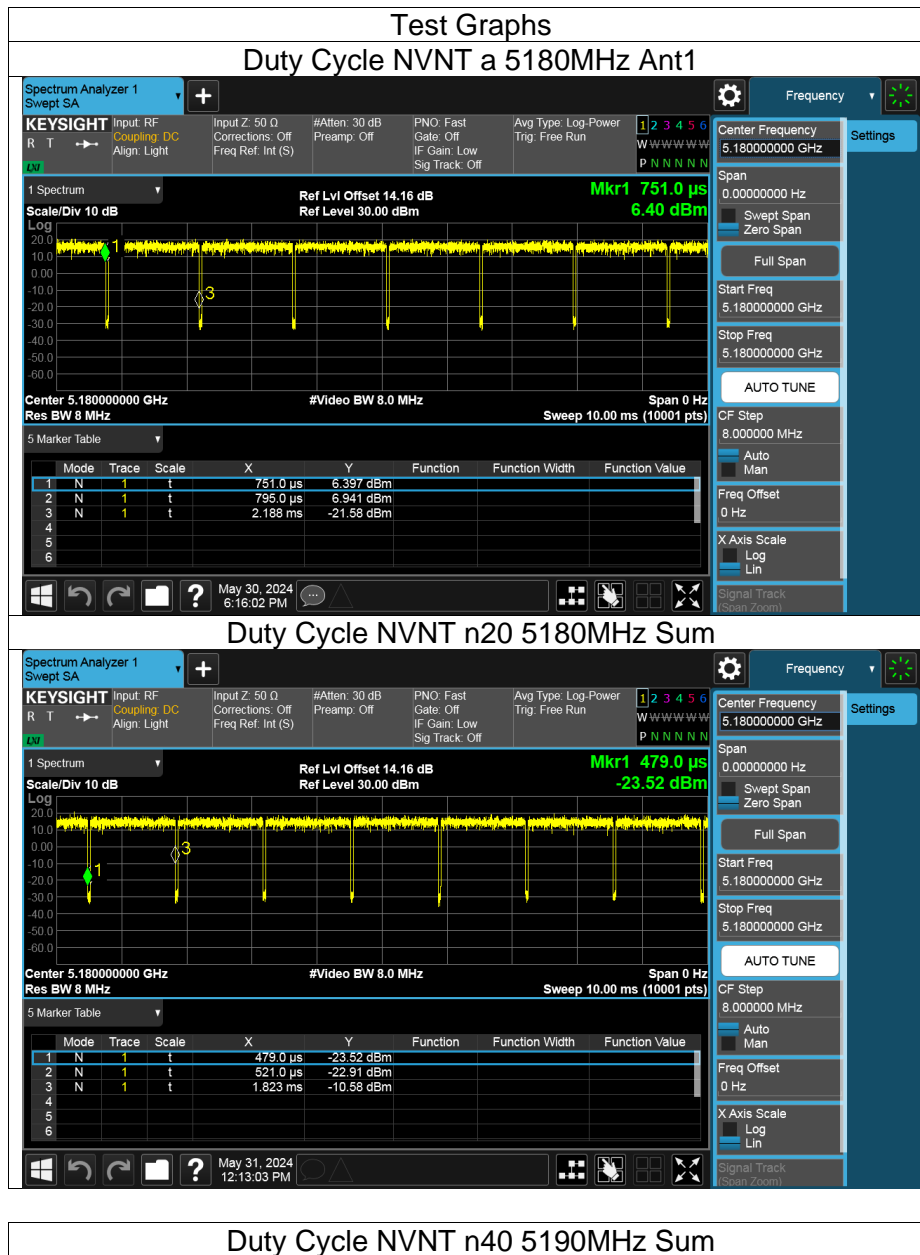
Note:

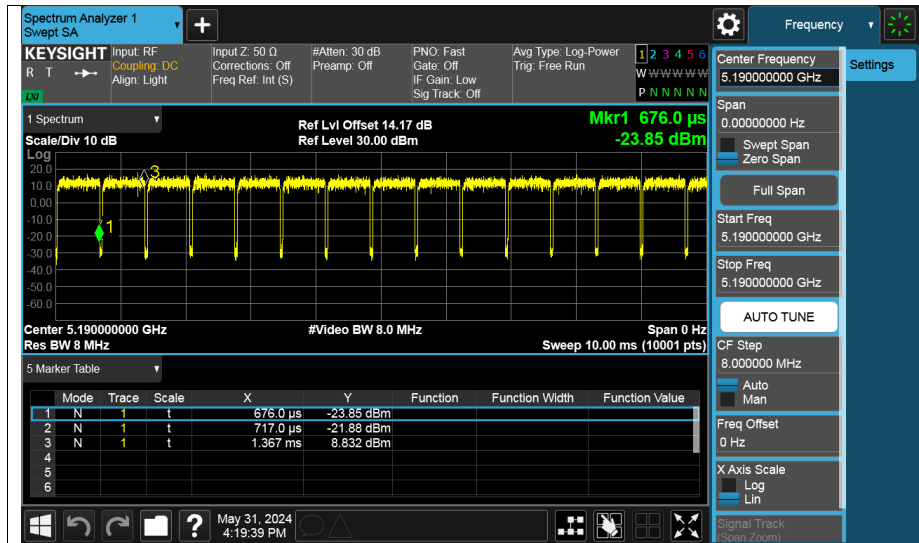
Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

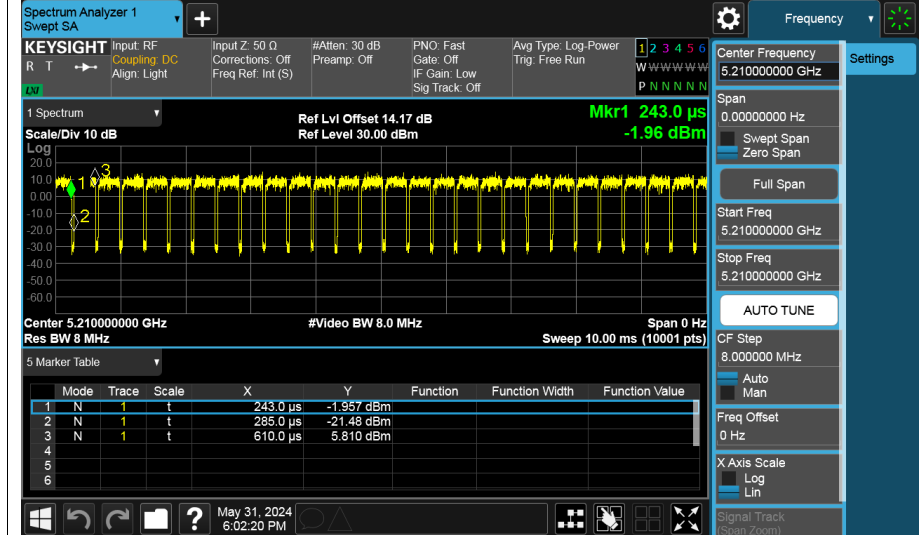
Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.





Duty Cycle NVNT ac80 5210MHz Sum



11.2. APPENDIX B: 26DB BANDWIDTH

Mode	Frequency (MHz)	Antenna	26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	20.13	Pass
a	5200	Ant1	19.79	Pass
a	5240	Ant1	19.79	Pass
a	5260	Ant1	19.58	Pass
a	5280	Ant1	19.96	Pass
a	5320	Ant1	19.86	Pass
a	5500	Ant1	19.99	Pass
a	5580	Ant1	19.9	Pass
a	5700	Ant1	20.17	Pass
a	5720_UNII-2C	Ant1	14.84	Pass
a	5720_UNII-3	Ant1	5	Pass
a	5745	Ant1	20.25	Pass
a	5785	Ant1	20.14	Pass
a	5825	Ant1	20.28	Pass
a	5180	Ant2	19.85	Pass
a	5200	Ant2	21.67	Pass
a	5240	Ant2	21.01	Pass
a	5260	Ant2	24.13	Pass
a	5280	Ant2	24.52	Pass
a	5320	Ant2	19.75	Pass
a	5500	Ant2	19.67	Pass
a	5580	Ant2	19.77	Pass
a	5700	Ant2	19.92	Pass
a	5720_UNII-2C	Ant2	14.88	Pass
a	5720_UNII-3	Ant2	4.92	Pass
a	5745	Ant2	19.88	Pass
a	5785	Ant2	19.77	Pass
a	5825	Ant2	19.86	Pass
n20	5180	Ant1	20.08	Pass
n20	5180	Ant2	19.93	Pass
n20	5200	Ant1	20.04	Pass
n20	5200	Ant2	19.98	Pass
n20	5240	Ant1	20.19	Pass
n20	5240	Ant2	20.29	Pass
n20	5260	Ant1	20.19	Pass
n20	5260	Ant2	27.02	Pass
n20	5280	Ant1	19.74	Pass
n20	5280	Ant2	19.63	Pass
n20	5320	Ant1	20.09	Pass
n20	5320	Ant2	19.8	Pass
n20	5500	Ant1	20	Pass
n20	5500	Ant2	19.99	Pass
n20	5580	Ant1	21.05	Pass
n20	5580	Ant2	20.3	Pass
n20	5700	Ant1	22.18	Pass
n20	5700	Ant2	20.35	Pass
n20	5720_UNII-2C	Ant1	15.12	Pass
n20	5720_UNII-3	Ant1	6.04	Pass
n20	5720_UNII-2C	Ant2	15.08	Pass

n20	5720_UNII-3	Ant2	5.2	Pass
n20	5745	Ant1	20.83	Pass
n20	5745	Ant2	20.03	Pass
n20	5785	Ant1	20.28	Pass
n20	5785	Ant2	20.02	Pass
n20	5825	Ant1	20.03	Pass
n20	5825	Ant2	20.13	Pass
n40	5190	Ant1	40.52	Pass
n40	5190	Ant2	40.17	Pass
n40	5230	Ant1	40.25	Pass
n40	5230	Ant2	40.36	Pass
n40	5270	Ant1	40.33	Pass
n40	5270	Ant2	40.62	Pass
n40	5310	Ant1	40.18	Pass
n40	5310	Ant2	39.95	Pass
n40	5510	Ant1	40.73	Pass
n40	5510	Ant2	39.91	Pass
n40	5550	Ant1	40.53	Pass
n40	5550	Ant2	39.94	Pass
n40	5670	Ant1	40.72	Pass
n40	5670	Ant2	39.95	Pass
n40	5710_UNII-2C	Ant1	35.08	Pass
n40	5710_UNII-3	Ant1	5.32	Pass
n40	5710_UNII-2C	Ant2	34.76	Pass
n40	5710_UNII-3	Ant2	4.68	Pass
n40	5755	Ant1	40.93	Pass
n40	5755	Ant2	39.51	Pass
n40	5795	Ant1	40.8	Pass
n40	5795	Ant2	40.17	Pass
ac80	5210	Ant1	81.08	Pass
ac80	5210	Ant2	79.83	Pass
ac80	5290	Ant1	80.61	Pass
ac80	5290	Ant2	80.06	Pass
ac80	5530	Ant1	80.91	Pass
ac80	5530	Ant2	79.72	Pass
ac80	5610	Ant1	80.91	Pass
ac80	5610	Ant2	79.92	Pass
ac80	5690_UNII-2C	Ant1	75.48	Pass
ac80	5690_UNII-3	Ant1	5.64	Pass
ac80	5690_UNII-2C	Ant2	75.32	Pass
ac80	5690_UNII-3	Ant2	5.16	Pass
ac80	5775	Ant1	80.87	Pass
ac80	5775	Ant2	79.71	Pass



