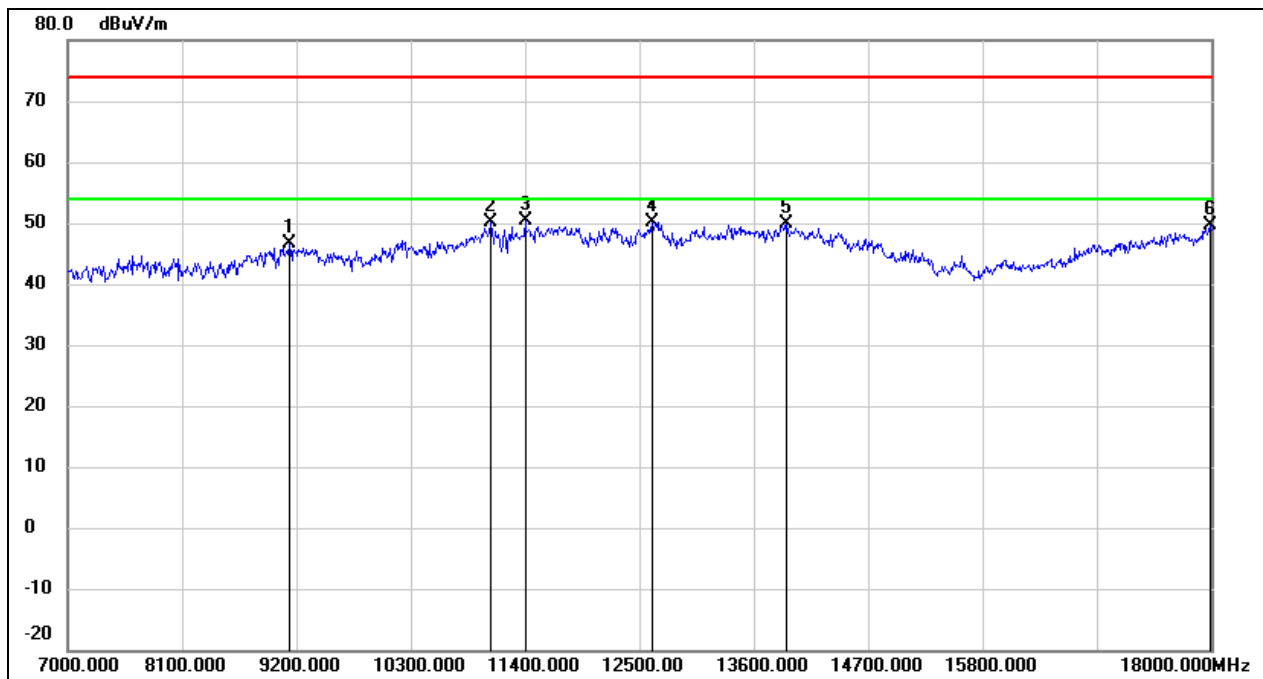
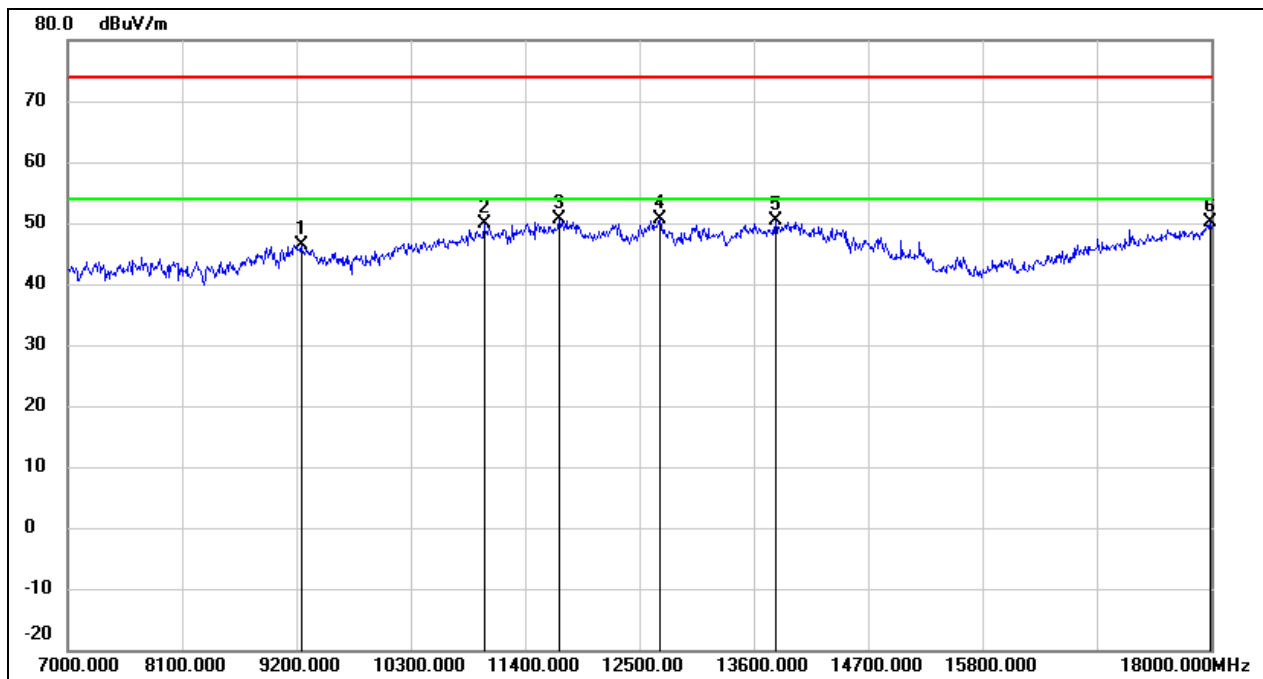


Test Mode:	802.11n HT40	Channel:	5310
Polarity:	Horizontal	Test Voltage:	DC 5V



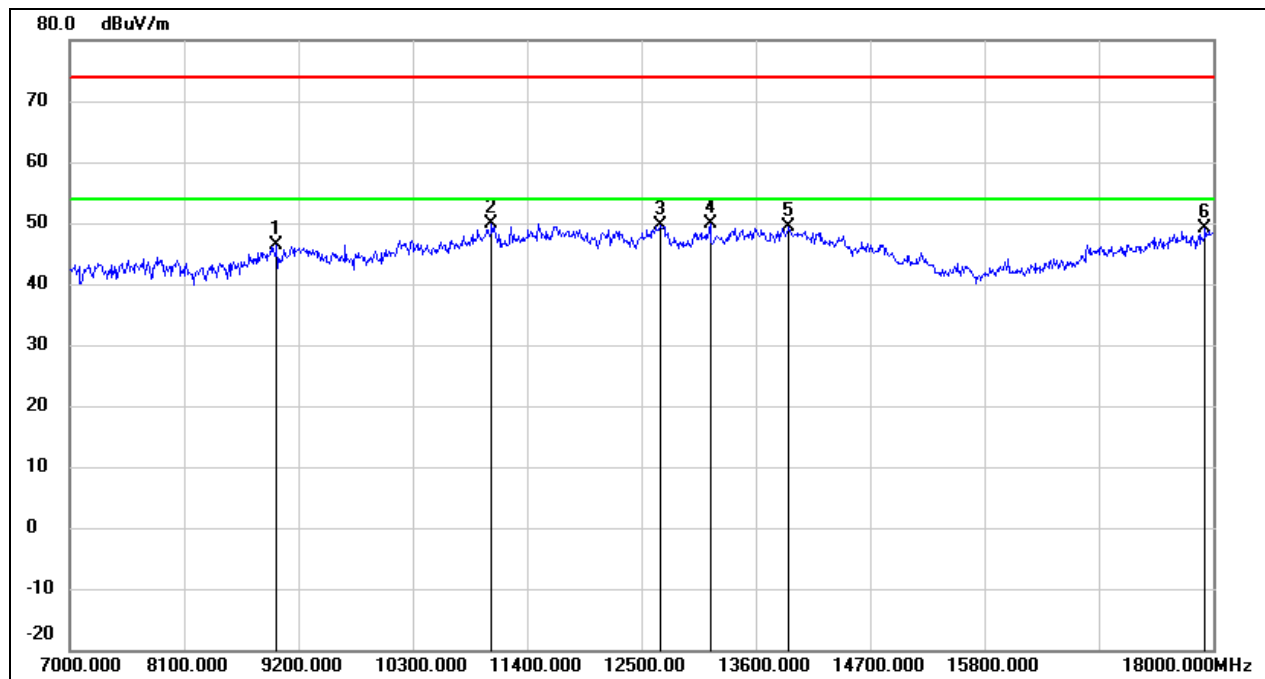
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.11	10.41	46.52	74.00	-27.48	peak
2	11070.000	35.13	15.01	50.14	74.00	-23.86	peak
3	11400.000	33.99	16.36	50.35	74.00	-23.65	peak
4	12621.000	32.12	17.98	50.10	74.00	-23.90	peak
5	13919.000	28.13	21.68	49.81	74.00	-24.19	peak
6	17989.000	23.61	26.04	49.65	74.00	-24.35	peak

Test Mode:	802.11n HT40	Channel:	5310
Polarity:	Vertical	Test Voltage:	DC 5V



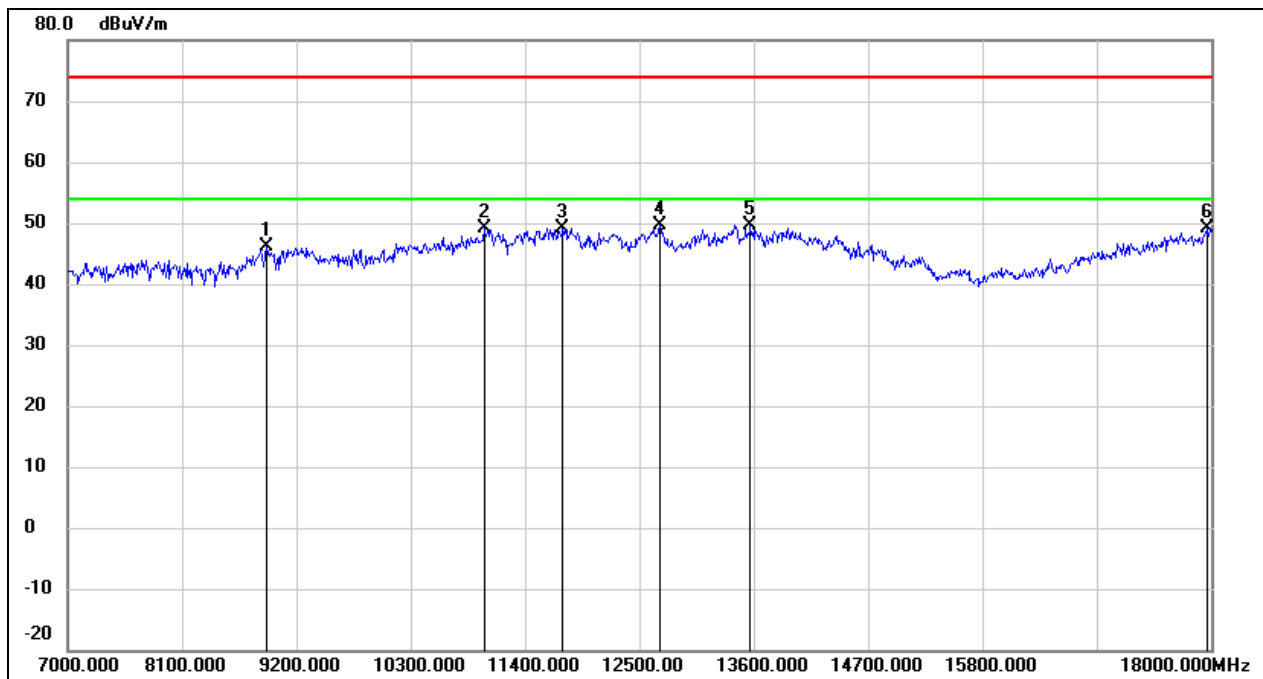
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	35.92	10.49	46.41	74.00	-27.59	peak
2	11004.000	35.23	14.74	49.97	74.00	-24.03	peak
3	11730.000	33.47	17.19	50.66	74.00	-23.34	peak
4	12698.000	32.51	18.08	50.59	74.00	-23.41	peak
5	13809.000	29.00	21.41	50.41	74.00	-23.59	peak
6	17989.000	24.19	26.04	50.23	74.00	-23.77	peak

Test Mode:	802.11n HT40	Channel:	5510
Polarity:	Horizontal	Test Voltage:	DC 5V



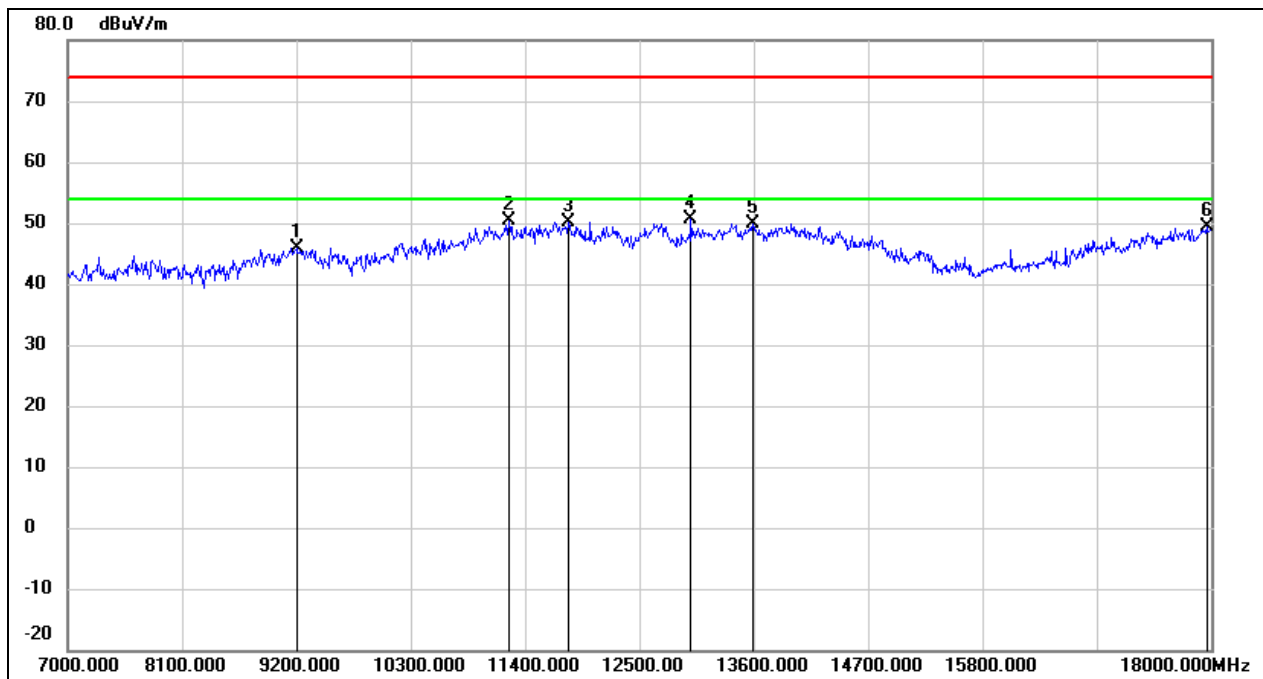
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	36.19	10.28	46.47	74.00	-27.53	peak
2	11059.000	34.80	14.96	49.76	74.00	-24.24	peak
3	12687.000	31.66	18.05	49.71	74.00	-24.29	peak
4	13160.000	30.61	19.15	49.76	74.00	-24.24	peak
5	13919.000	27.61	21.68	49.29	74.00	-24.71	peak
6	17923.000	23.52	25.60	49.12	74.00	-24.88	peak

Test Mode:	802.11n HT40	Channel:	5510
Polarity:	Vertical	Test Voltage:	DC 5V



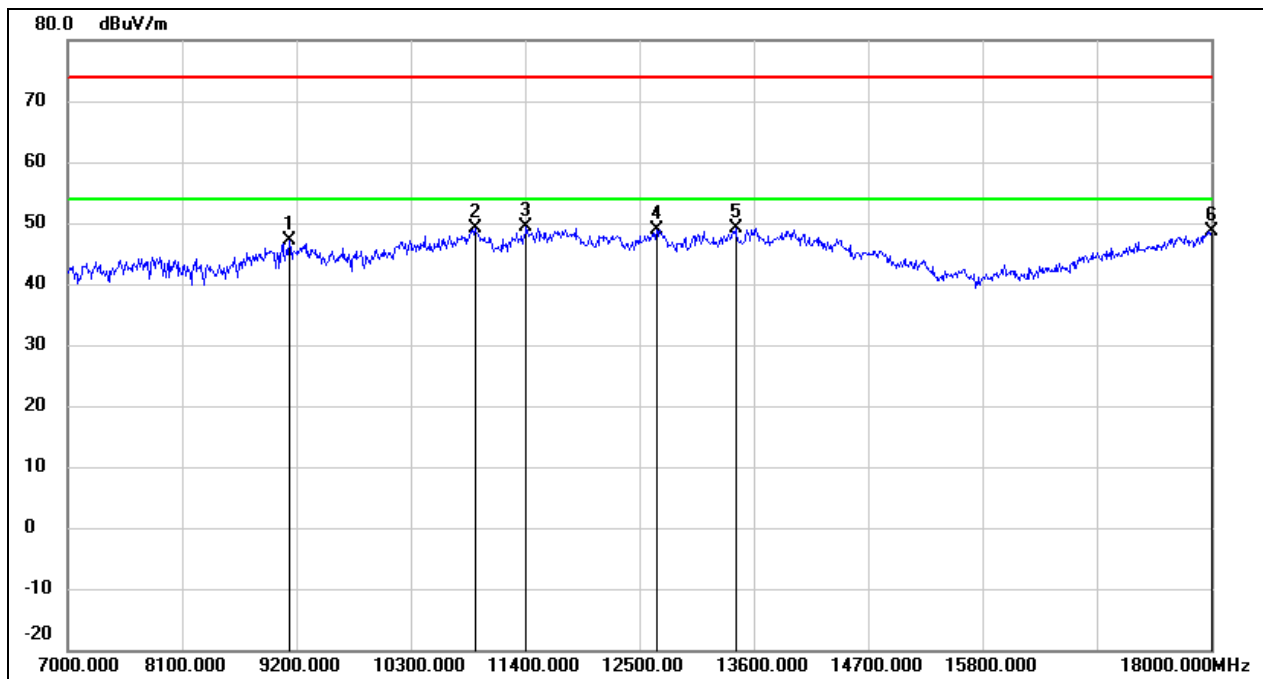
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8914.000	36.36	9.75	46.11	74.00	-27.89	peak
2	11004.000	34.41	14.74	49.15	74.00	-24.85	peak
3	11763.000	31.97	17.26	49.23	74.00	-24.77	peak
4	12698.000	31.46	18.08	49.54	74.00	-24.46	peak
5	13567.000	28.93	20.80	49.73	74.00	-24.27	peak
6	17956.000	23.35	25.82	49.17	74.00	-24.83	peak

Test Mode:	802.11n HT40	Channel:	5550
Polarity:	Horizontal	Test Voltage:	DC 5V



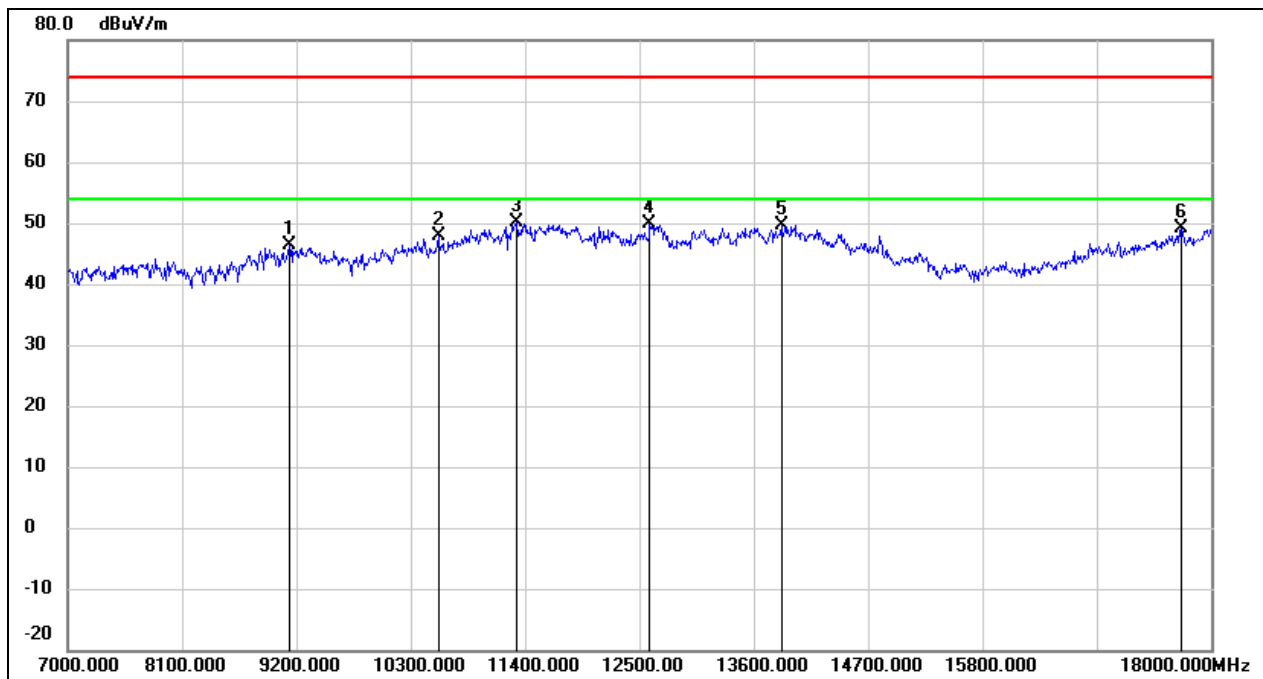
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9200.000	35.41	10.46	45.87	74.00	-28.13	peak
2	11246.000	34.55	15.73	50.28	74.00	-23.72	peak
3	11818.000	32.87	17.36	50.23	74.00	-23.77	peak
4	12995.000	32.30	18.44	50.74	74.00	-23.26	peak
5	13589.000	29.00	20.86	49.86	74.00	-24.14	peak
6	17956.000	23.63	25.82	49.45	74.00	-24.55	peak

Test Mode:	802.11n HT40	Channel:	5550
Polarity:	Vertical	Test Voltage:	DC 5V



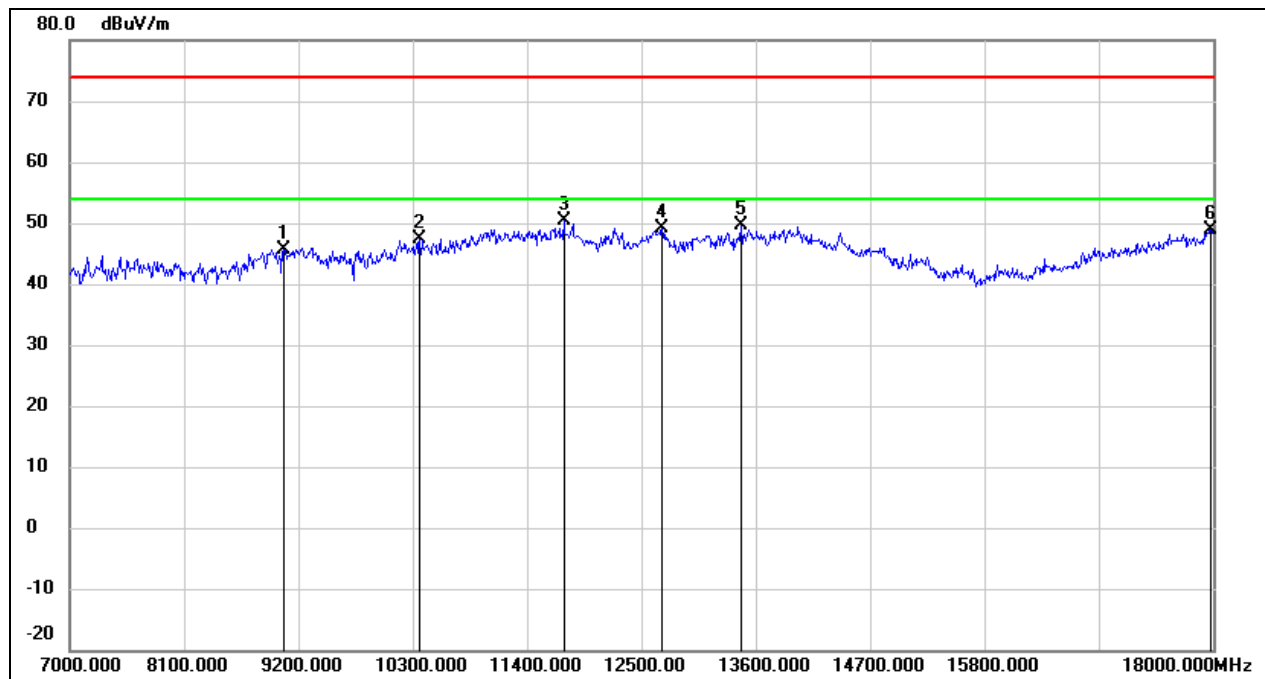
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.77	10.41	47.18	74.00	-26.82	peak
2	10916.000	34.80	14.39	49.19	74.00	-24.81	peak
3	11411.000	32.97	16.41	49.38	74.00	-24.62	peak
4	12665.000	30.81	18.04	48.85	74.00	-25.15	peak
5	13424.000	28.78	20.30	49.08	74.00	-24.92	peak
6	18000.000	22.57	26.12	48.69	74.00	-25.31	peak

Test Mode:	802.11n HT40	Channel:	5670
Polarity:	Horizontal	Test Voltage:	DC 5V



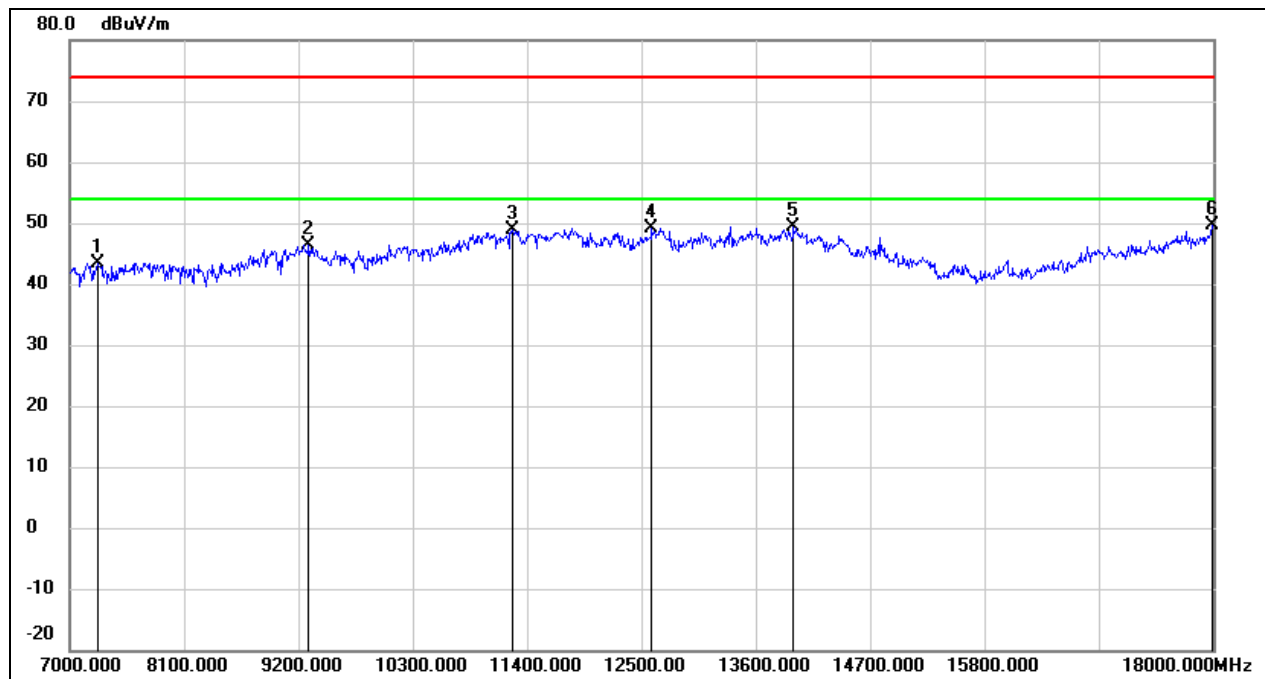
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.02	10.41	46.43	74.00	-27.57	peak
2	10564.000	34.89	13.06	47.95	74.00	-26.05	peak
3	11323.000	34.13	16.05	50.18	74.00	-23.82	peak
4	12599.000	32.03	17.95	49.98	74.00	-24.02	peak
5	13864.000	28.18	21.53	49.71	74.00	-24.29	peak
6	17714.000	24.92	24.16	49.08	74.00	-24.92	peak

Test Mode:	802.11n HT40	Channel:	5670
Polarity:	Vertical	Test Voltage:	DC 5V



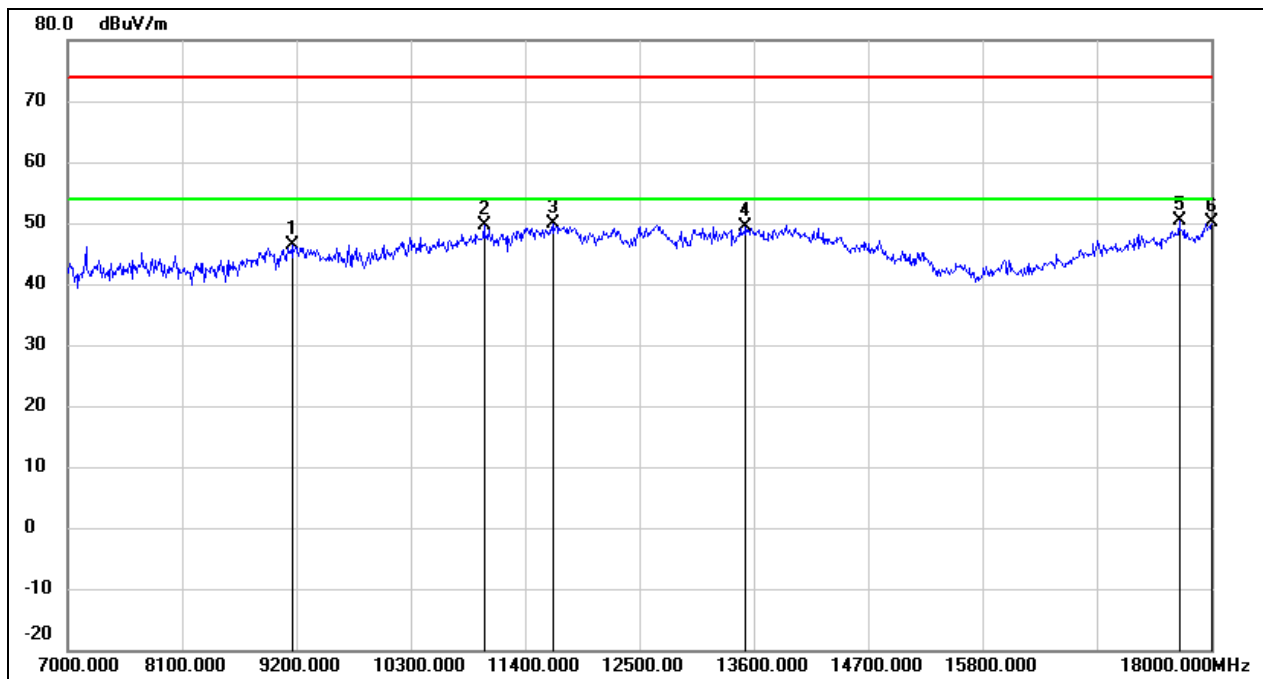
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9057.000	35.37	10.38	45.75	74.00	-28.25	peak
2	10366.000	34.76	12.54	47.30	74.00	-26.70	peak
3	11752.000	33.02	17.24	50.26	74.00	-23.74	peak
4	12698.000	30.93	18.08	49.01	74.00	-24.99	peak
5	13457.000	29.05	20.46	49.51	74.00	-24.49	peak
6	17978.000	23.00	25.97	48.97	74.00	-25.03	peak

Test Mode:	802.11n HT40	Channel:	5710
Polarity:	Horizontal	Test Voltage:	DC 5V



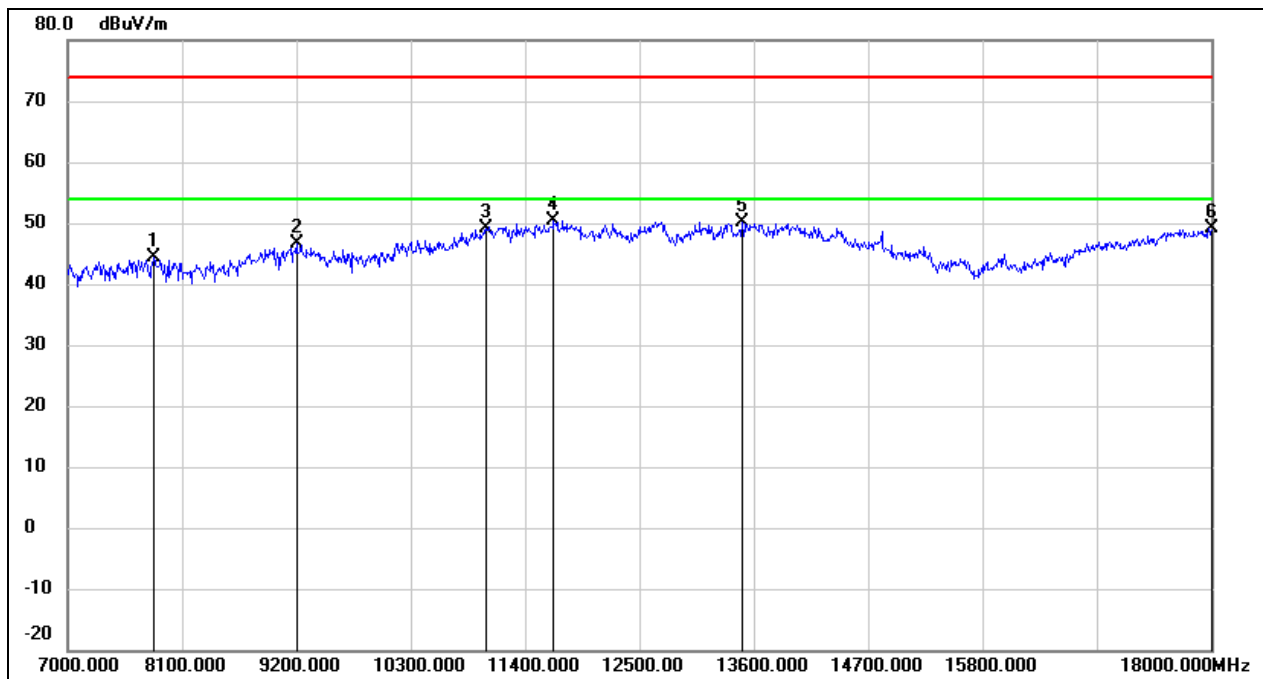
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7264.000	36.49	6.95	43.44	74.00	-30.56	peak
2	9299.000	35.77	10.53	46.30	74.00	-27.70	peak
3	11257.000	33.20	15.78	48.98	74.00	-25.02	peak
4	12599.000	31.25	17.95	49.20	74.00	-24.80	peak
5	13963.000	27.63	21.78	49.41	74.00	-24.59	peak
6	17989.000	23.49	26.04	49.53	74.00	-24.47	peak

Test Mode:	802.11n HT40	Channel:	5710
Polarity:	Vertical	Test Voltage:	DC 5V



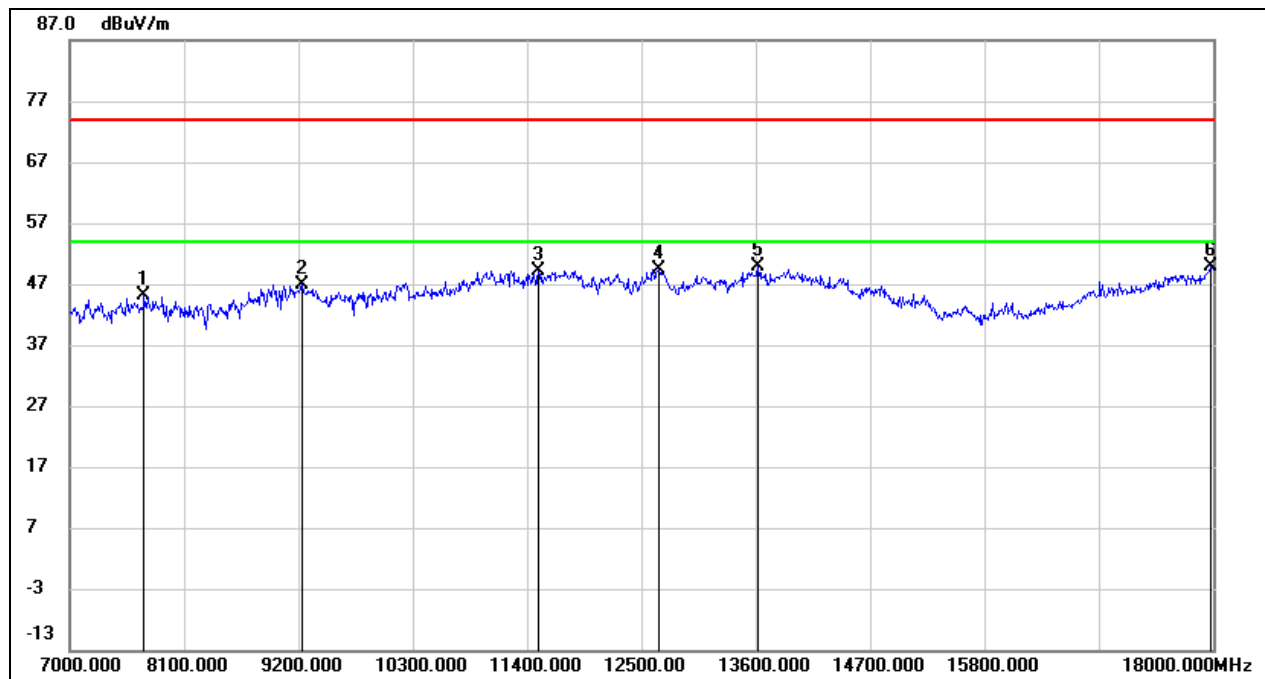
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9167.000	36.01	10.45	46.46	74.00	-27.54	peak
2	11004.000	34.99	14.74	49.73	74.00	-24.27	peak
3	11675.000	32.74	17.10	49.84	74.00	-24.16	peak
4	13523.000	28.69	20.70	49.39	74.00	-24.61	peak
5	17692.000	26.25	24.01	50.26	74.00	-23.74	peak
6	18000.000	24.07	26.12	50.19	74.00	-23.81	peak

Test Mode:	802.11n HT40	Channel:	5755
Polarity:	Horizontal	Test Voltage:	DC 5V



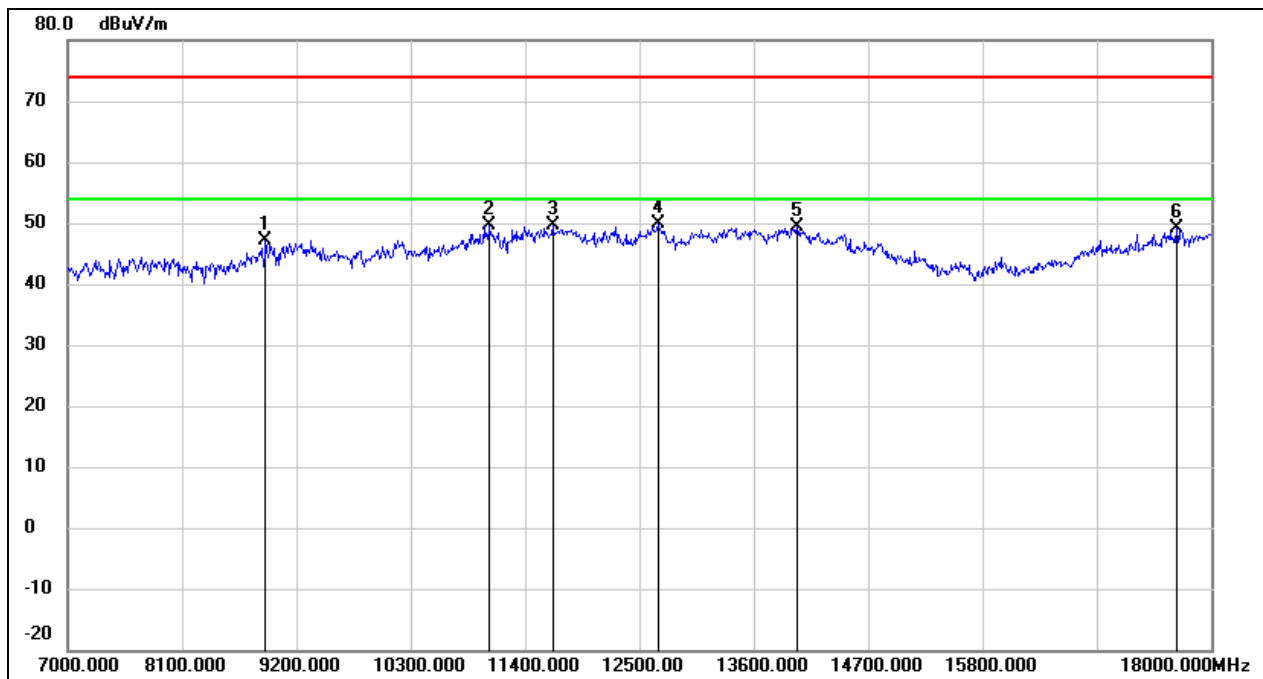
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	37.69	6.58	44.27	74.00	-29.73	peak
2	9200.000	36.19	10.46	46.65	74.00	-27.35	peak
3	11026.000	34.36	14.82	49.18	74.00	-24.82	peak
4	11675.000	33.34	17.10	50.44	74.00	-23.56	peak
5	13490.000	29.62	20.60	50.22	74.00	-23.78	peak
6	18000.000	23.05	26.12	49.17	74.00	-24.83	peak

Test Mode:	802.11n HT40	Channel:	5755
Polarity:	Vertical	Test Voltage:	DC 5V



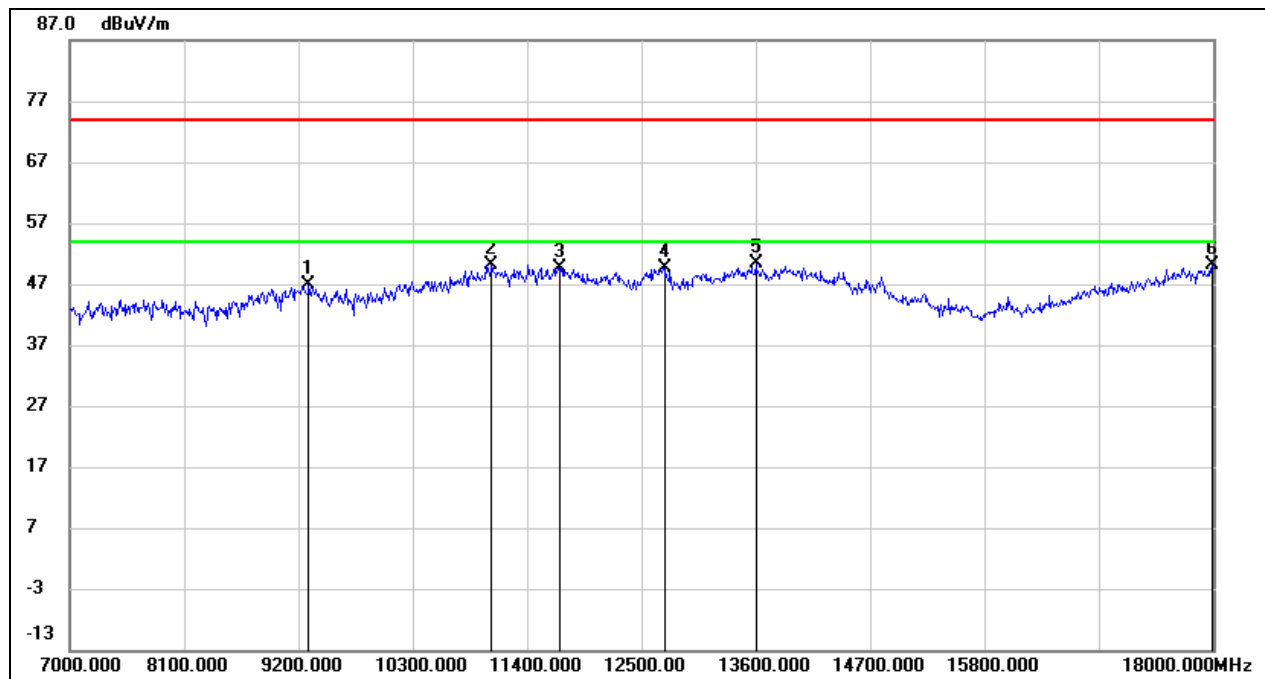
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7715.000	38.39	6.68	45.07	74.00	-28.93	peak
2	9233.000	36.29	10.48	46.77	74.00	-27.23	peak
3	11510.000	32.35	16.79	49.14	74.00	-24.86	peak
4	12665.000	31.27	18.04	49.31	74.00	-24.69	peak
5	13622.000	29.05	20.95	50.00	74.00	-24.00	peak
6	17978.000	23.93	25.97	49.90	74.00	-24.10	peak

Test Mode:	802.11n HT40	Channel:	5795
Polarity:	Horizontal	Test Voltage:	DC 5V



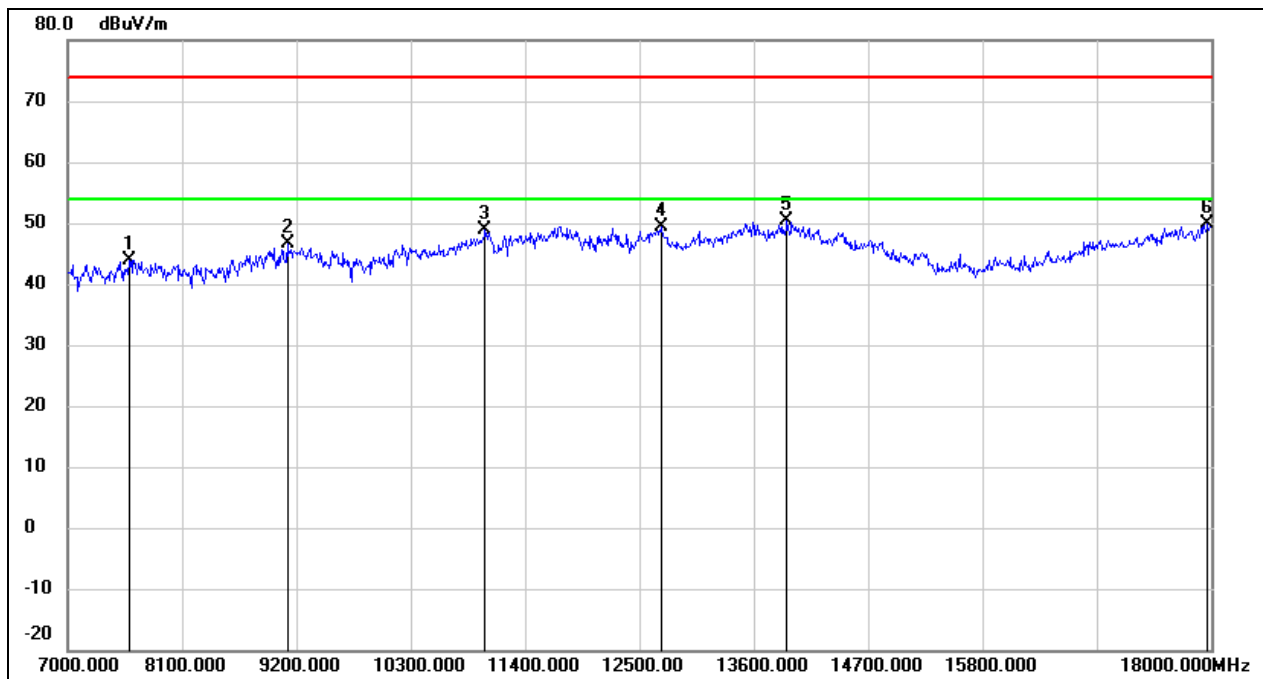
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8903.000	37.35	9.66	47.01	74.00	-26.99	peak
2	11059.000	34.55	14.96	49.51	74.00	-24.49	peak
3	11664.000	32.48	17.08	49.56	74.00	-24.44	peak
4	12676.000	31.93	18.05	49.98	74.00	-24.02	peak
5	14018.000	27.58	21.80	49.38	74.00	-24.62	peak
6	17670.000	25.36	23.86	49.22	74.00	-24.78	peak

Test Mode:	802.11n HT40	Channel:	5795
Polarity:	Vertical	Test Voltage:	DC 5V



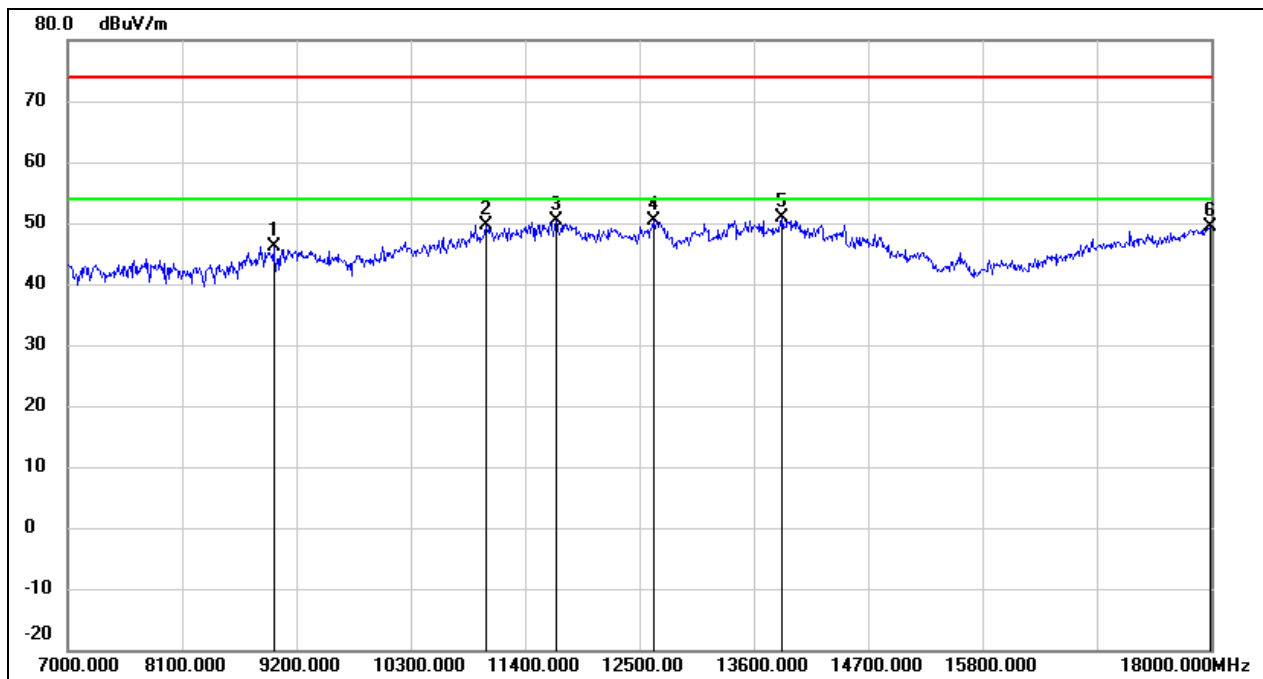
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9299.000	36.31	10.53	46.84	74.00	-27.16	peak
2	11059.000	35.26	14.96	50.22	74.00	-23.78	peak
3	11719.000	32.56	17.18	49.74	74.00	-24.26	peak
4	12720.000	31.56	18.09	49.65	74.00	-24.35	peak
5	13600.000	29.40	20.89	50.29	74.00	-23.71	peak
6	17989.000	23.98	26.04	50.02	74.00	-23.98	peak

Test Mode:	802.11ac VHT80	Channel:	5210
Polarity:	Horizontal	Test Voltage:	DC 5V



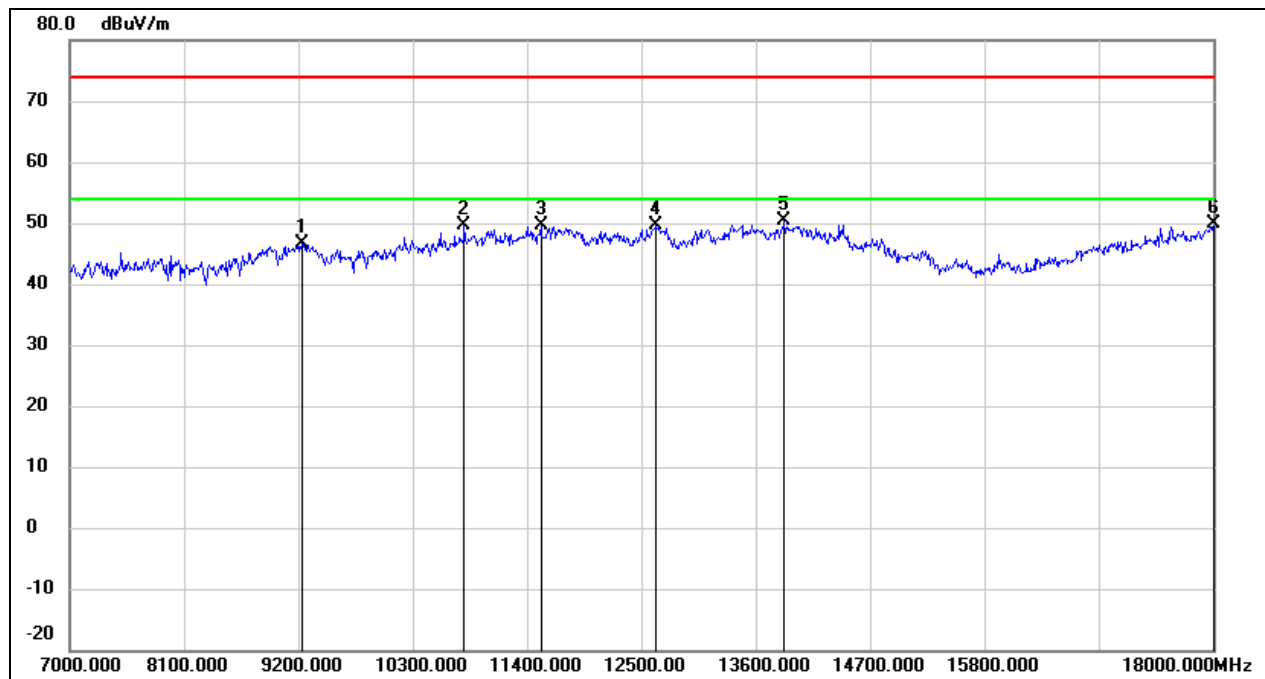
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	37.12	6.79	43.91	74.00	-30.09	peak
2	9112.000	36.27	10.41	46.68	74.00	-27.32	peak
3	11015.000	34.02	14.79	48.81	74.00	-25.19	peak
4	12709.000	31.18	18.09	49.27	74.00	-24.73	peak
5	13919.000	28.62	21.68	50.30	74.00	-23.70	peak
6	17967.000	24.01	25.89	49.90	74.00	-24.10	peak

Test Mode:	802.11ac VHT80	Channel:	5210
Polarity:	Vertical	Test Voltage:	DC 5V



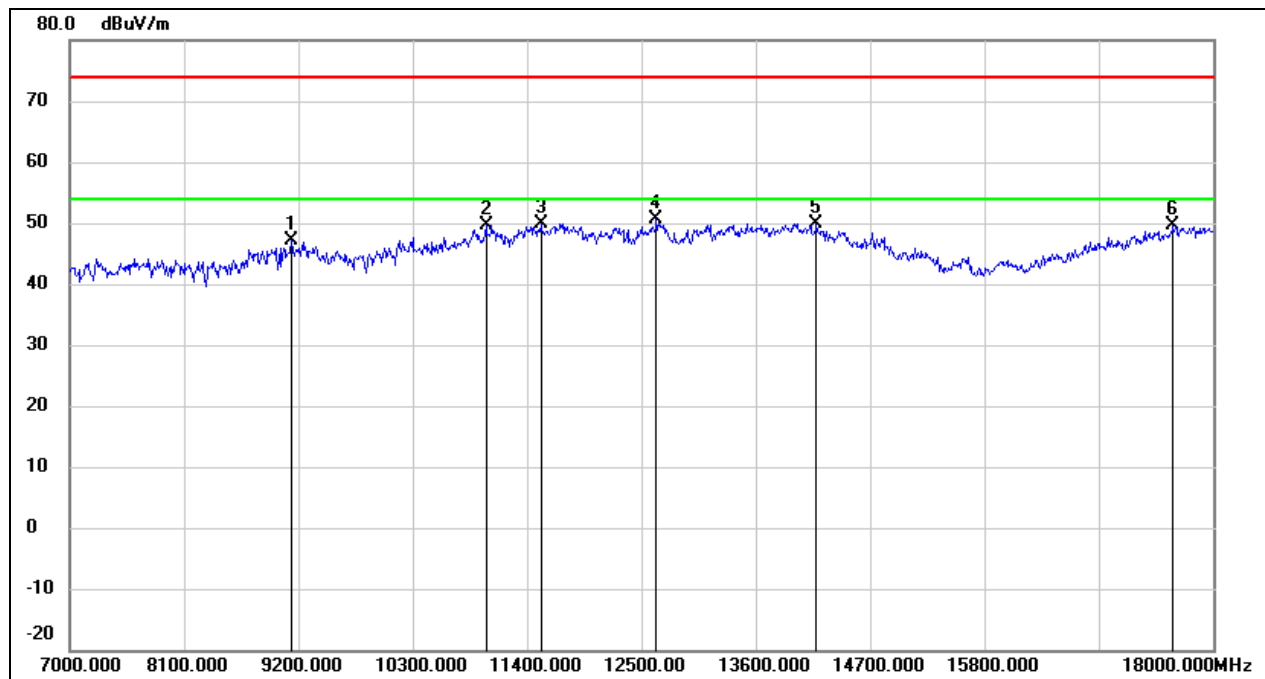
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	35.89	10.21	46.10	74.00	-27.90	peak
2	11026.000	34.87	14.82	49.69	74.00	-24.31	peak
3	11697.000	33.26	17.13	50.39	74.00	-23.61	peak
4	12632.000	32.40	17.99	50.39	74.00	-23.61	peak
5	13875.000	29.19	21.57	50.76	74.00	-23.24	peak
6	17989.000	23.39	26.04	49.43	74.00	-24.57	peak

Test Mode:	802.11ac VHT80	Channel:	5290
Polarity:	Horizontal	Test Voltage:	DC 5V



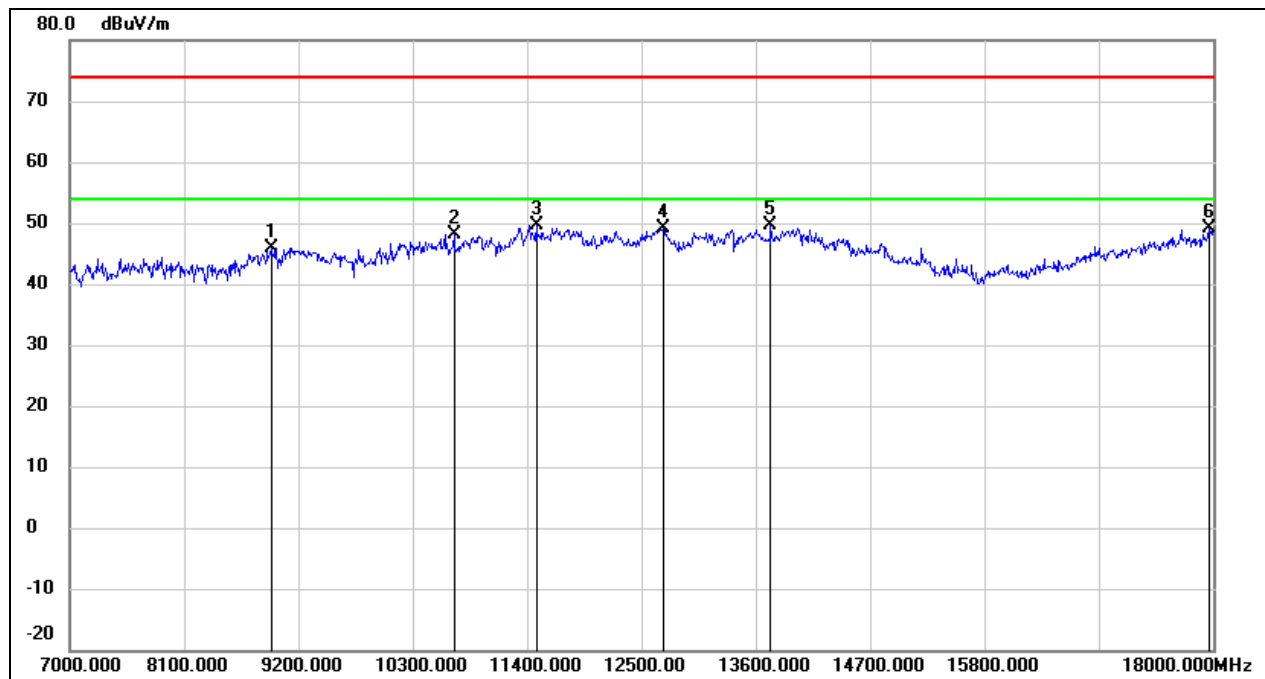
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	36.24	10.48	46.72	74.00	-27.28	peak
2	10795.000	35.67	13.94	49.61	74.00	-24.39	peak
3	11532.000	32.85	16.83	49.68	74.00	-24.32	peak
4	12643.000	31.71	18.01	49.72	74.00	-24.28	peak
5	13875.000	28.88	21.57	50.45	74.00	-23.55	peak
6	18000.000	23.86	26.12	49.98	74.00	-24.02	peak

Test Mode:	802.11ac VHT80	Channel:	5290
Polarity:	Vertical	Test Voltage:	DC 5V



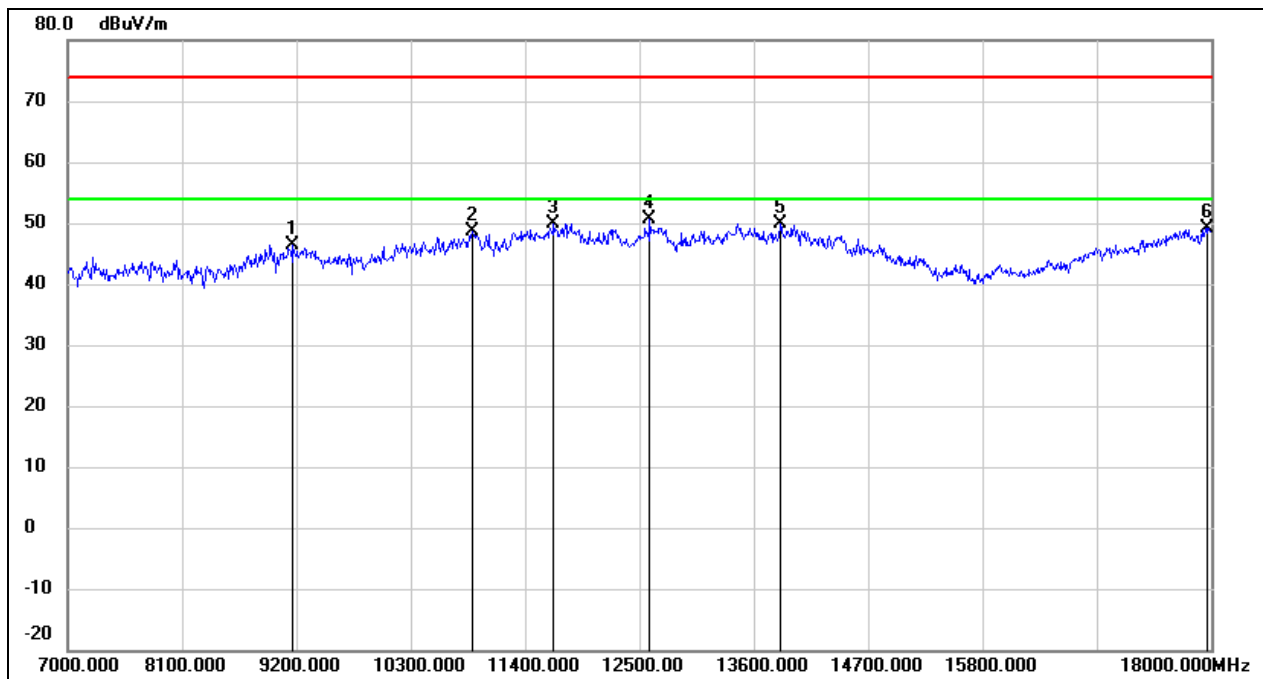
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.73	10.41	47.14	74.00	-26.86	peak
2	11004.000	34.94	14.74	49.68	74.00	-24.32	peak
3	11532.000	33.06	16.83	49.89	74.00	-24.11	peak
4	12643.000	32.64	18.01	50.65	74.00	-23.35	peak
5	14183.000	28.87	21.11	49.98	74.00	-24.02	peak
6	17615.000	26.26	23.49	49.75	74.00	-24.25	peak

Test Mode:	802.11ac VHT80	Channel:	5530
Polarity:	Horizontal	Test Voltage:	DC 5V



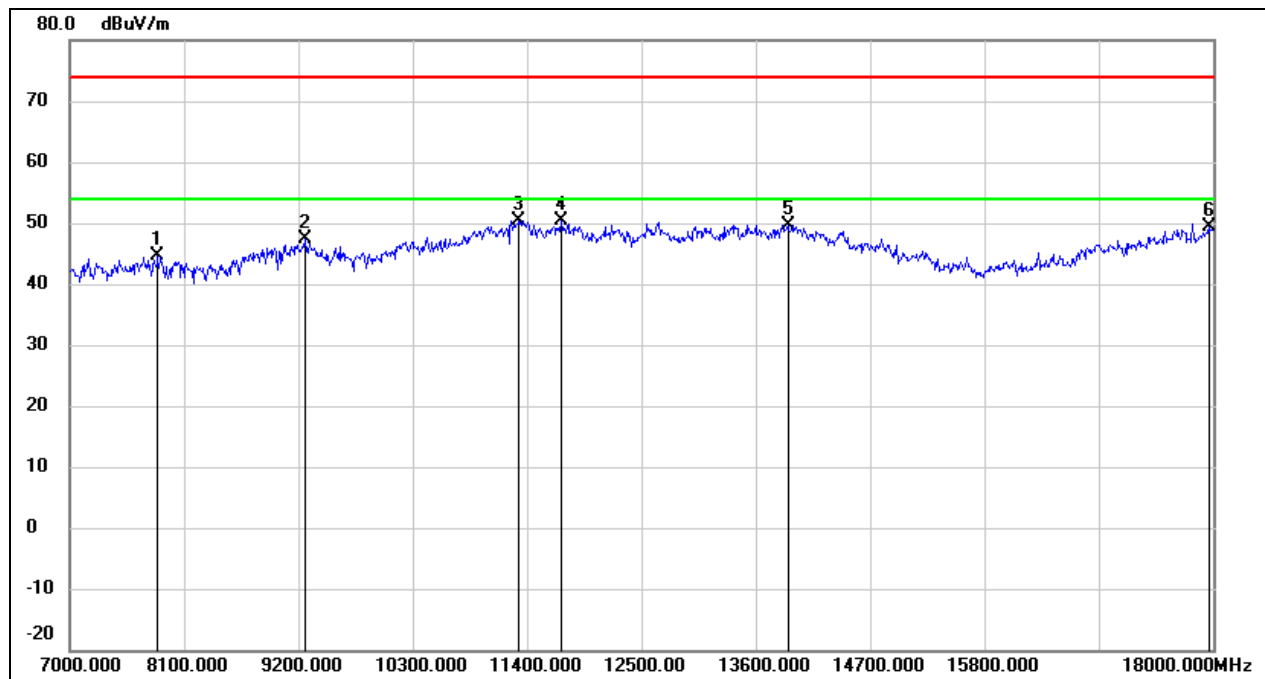
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	36.02	9.90	45.92	74.00	-28.08	peak
2	10696.000	34.59	13.56	48.15	74.00	-25.85	peak
3	11488.000	32.96	16.72	49.68	74.00	-24.32	peak
4	12709.000	31.14	18.09	49.23	74.00	-24.77	peak
5	13743.000	28.36	21.24	49.60	74.00	-24.40	peak
6	17956.000	23.23	25.82	49.05	74.00	-24.95	peak

Test Mode:	802.11ac VHT80	Channel:	5530
Polarity:	Vertical	Test Voltage:	DC 5V



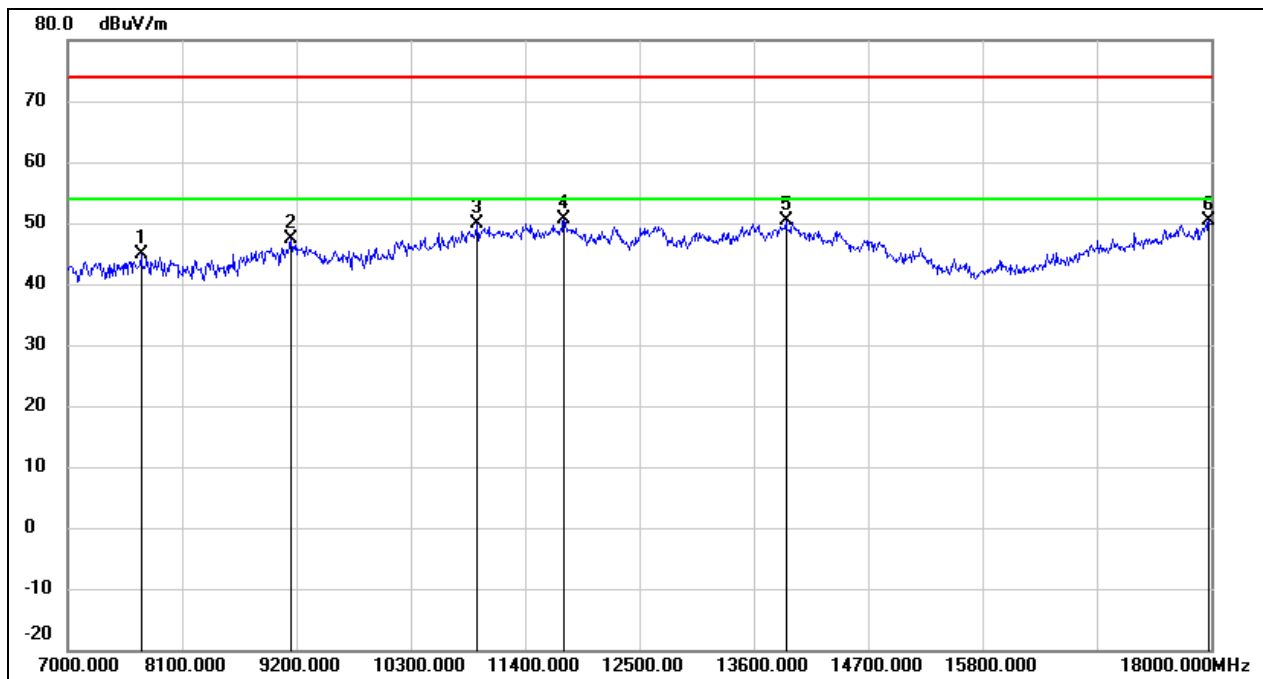
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9167.000	36.05	10.45	46.50	74.00	-27.50	peak
2	10894.000	34.21	14.32	48.53	74.00	-25.47	peak
3	11675.000	32.75	17.10	49.85	74.00	-24.15	peak
4	12599.000	32.79	17.95	50.74	74.00	-23.26	peak
5	13853.000	28.28	21.52	49.80	74.00	-24.20	peak
6	17967.000	23.32	25.89	49.21	74.00	-24.79	peak

Test Mode:	802.11ac VHT80	Channel:	5610
Polarity:	Horizontal	Test Voltage:	DC 5V



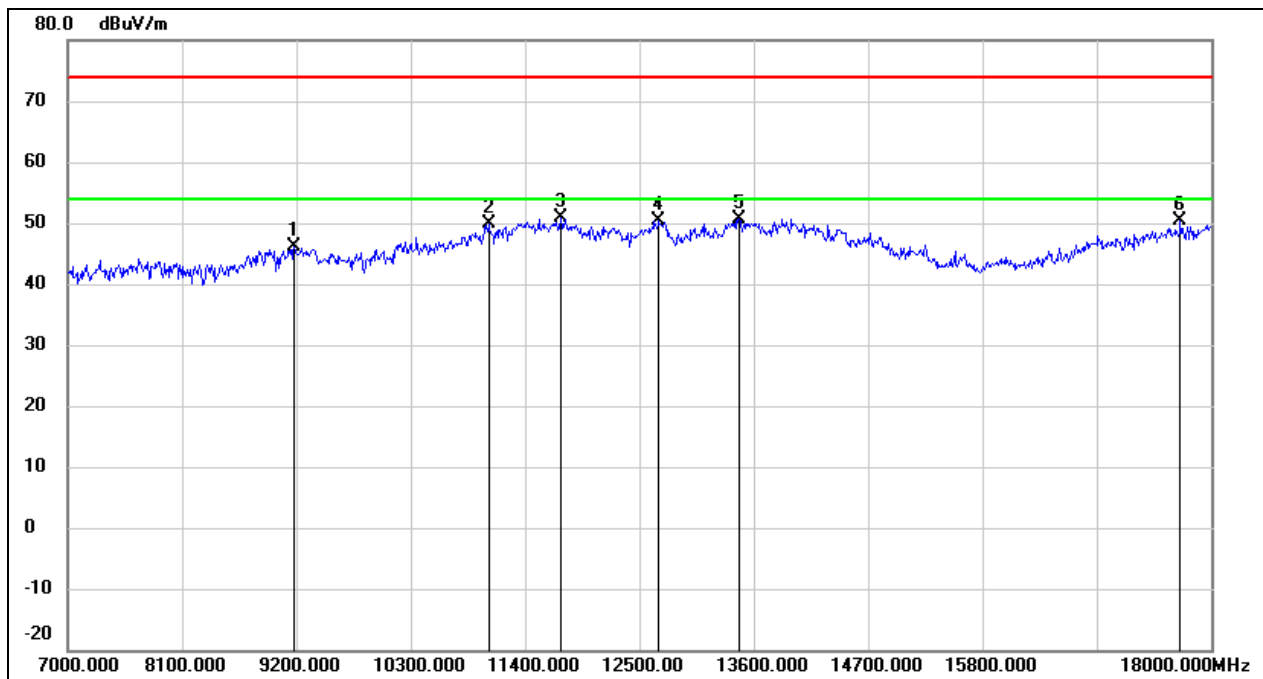
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7847.000	38.13	6.57	44.70	74.00	-29.30	peak
2	9266.000	36.98	10.51	47.49	74.00	-26.51	peak
3	11323.000	34.42	16.05	50.47	74.00	-23.53	peak
4	11730.000	33.20	17.19	50.39	74.00	-23.61	peak
5	13908.000	28.03	21.66	49.69	74.00	-24.31	peak
6	17956.000	23.50	25.82	49.32	74.00	-24.68	peak

Test Mode:	802.11ac VHT80	Channel:	5610
Polarity:	Vertical	Test Voltage:	DC 5V



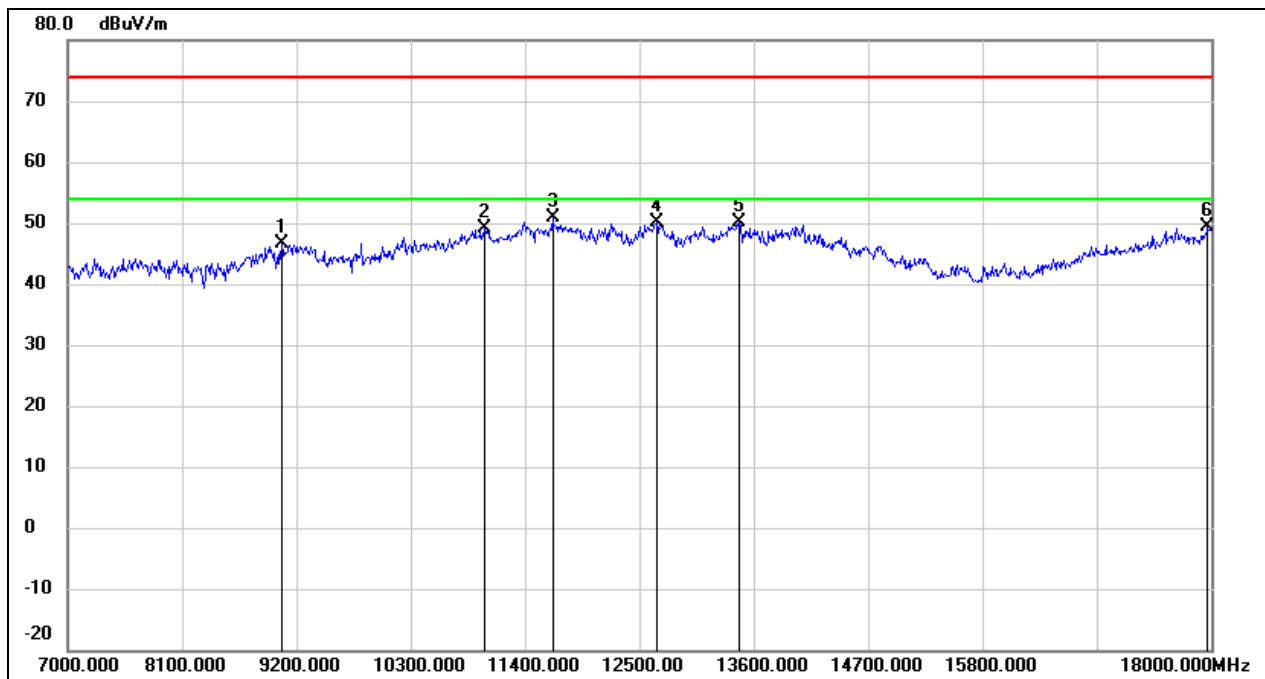
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7704.000	38.22	6.69	44.91	74.00	-29.09	peak
2	9145.000	36.95	10.43	47.38	74.00	-26.62	peak
3	10938.000	35.51	14.48	49.99	74.00	-24.01	peak
4	11774.000	33.31	17.28	50.59	74.00	-23.41	peak
5	13908.000	28.63	21.66	50.29	74.00	-23.71	peak
6	17978.000	24.30	25.97	50.27	74.00	-23.73	peak

Test Mode:	802.11ac VHT80	Channel:	5690
Polarity:	Horizontal	Test Voltage:	DC 5V



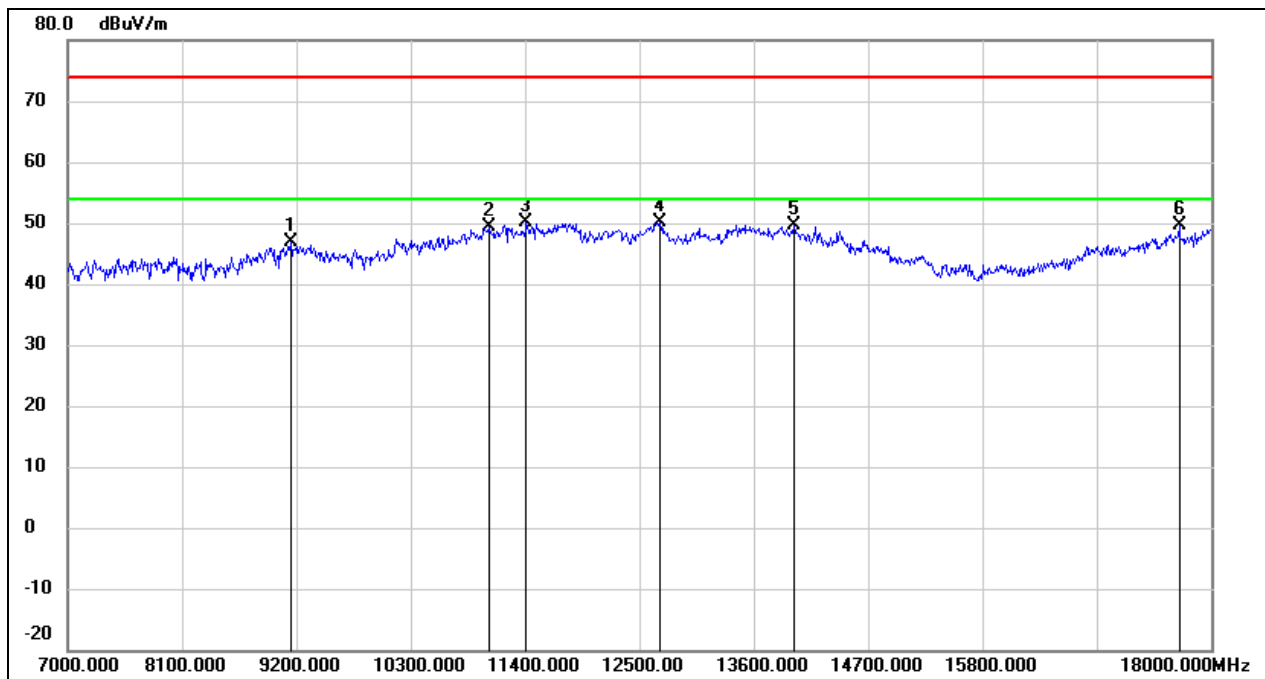
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9178.000	35.61	10.45	46.06	74.00	-27.94	peak
2	11048.000	35.03	14.91	49.94	74.00	-24.06	peak
3	11741.000	33.61	17.22	50.83	74.00	-23.17	peak
4	12687.000	32.29	18.05	50.34	74.00	-23.66	peak
5	13457.000	30.23	20.46	50.69	74.00	-23.31	peak
6	17703.000	26.20	24.09	50.29	74.00	-23.71	peak

Test Mode:	802.11ac VHT80	Channel:	5690
Polarity:	Vertical	Test Voltage:	DC 5V



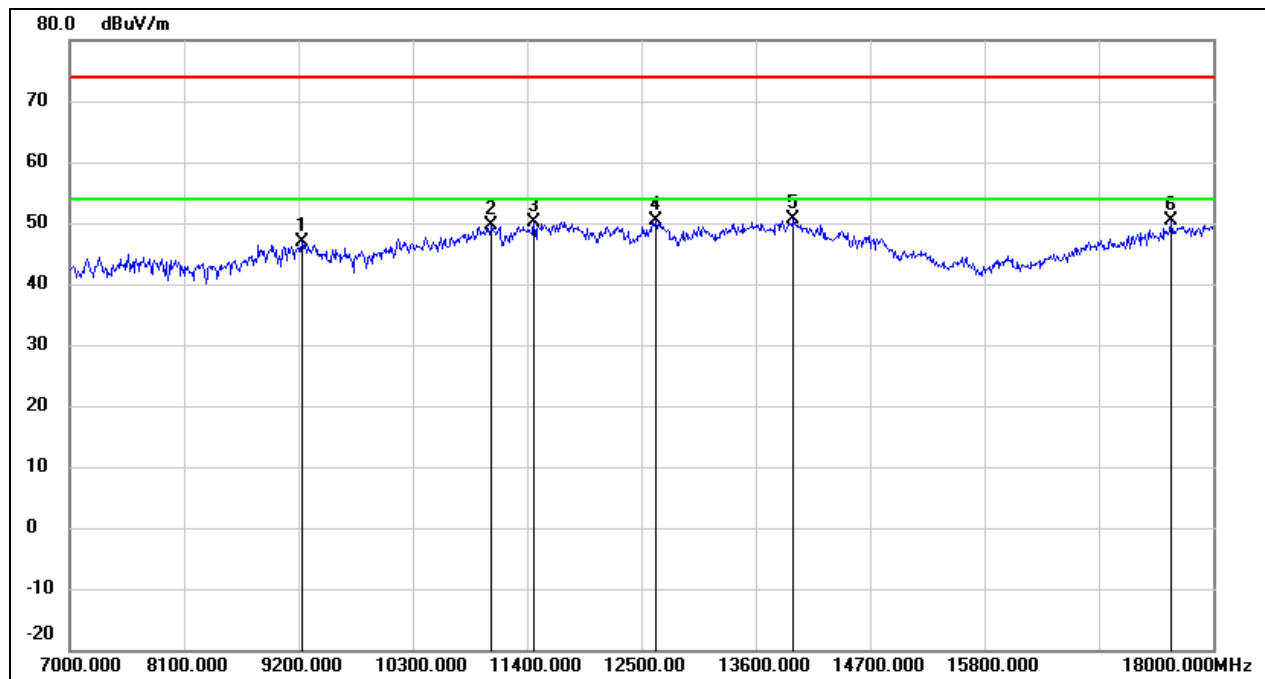
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9057.000	36.19	10.38	46.57	74.00	-27.43	peak
2	11015.000	34.38	14.79	49.17	74.00	-24.83	peak
3	11664.000	33.76	17.08	50.84	74.00	-23.16	peak
4	12665.000	32.13	18.04	50.17	74.00	-23.83	peak
5	13457.000	29.60	20.46	50.06	74.00	-23.94	peak
6	17967.000	23.61	25.89	49.50	74.00	-24.50	peak

Test Mode:	802.11ac VHT80	Channel:	5775
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9145.000	36.38	10.43	46.81	74.00	-27.19	peak
2	11048.000	34.56	14.91	49.47	74.00	-24.53	peak
3	11411.000	33.79	16.41	50.20	74.00	-23.80	peak
4	12698.000	32.07	18.08	50.15	74.00	-23.85	peak
5	13985.000	27.73	21.85	49.58	74.00	-24.42	peak
6	17692.000	25.56	24.01	49.57	74.00	-24.43	peak

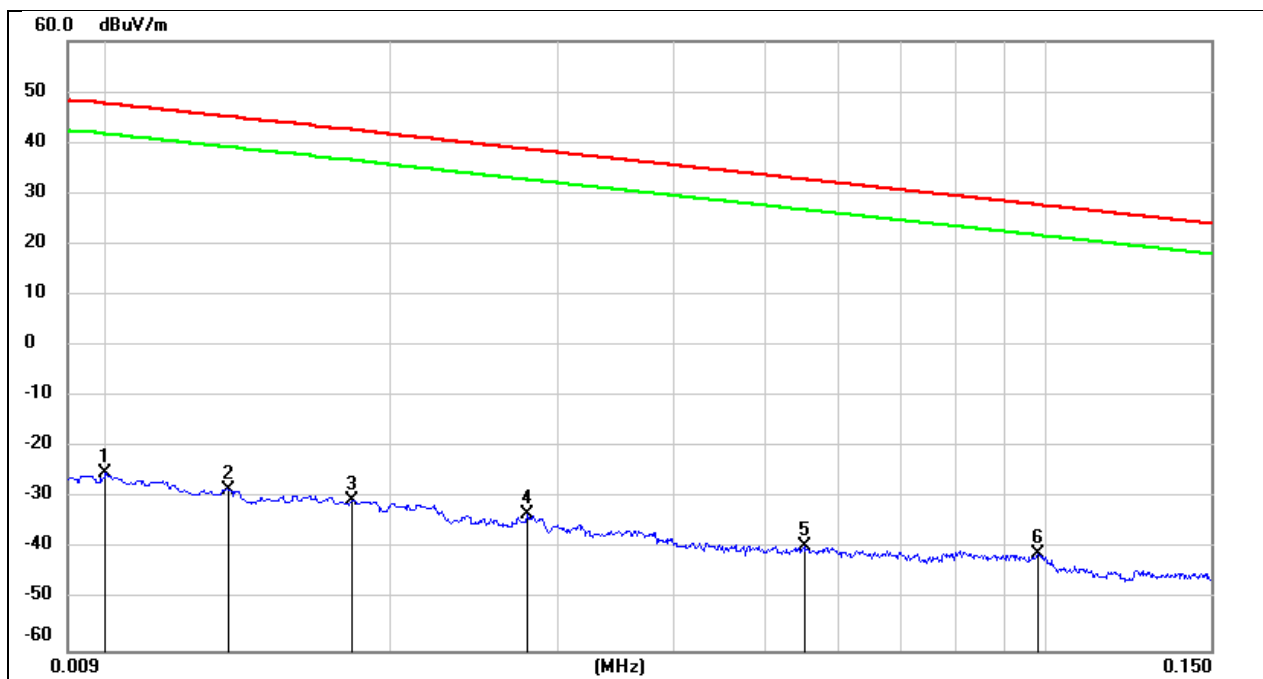
Test Mode:	802.11ac VHT80	Channel:	5775
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	36.30	10.48	46.78	74.00	-27.22	peak
2	11059.000	34.56	14.96	49.52	74.00	-24.48	peak
3	11466.000	33.47	16.63	50.10	74.00	-23.90	peak
4	12643.000	32.44	18.01	50.45	74.00	-23.55	peak
5	13963.000	28.80	21.78	50.58	74.00	-23.42	peak
6	17593.000	26.99	23.34	50.33	74.00	-23.67	peak

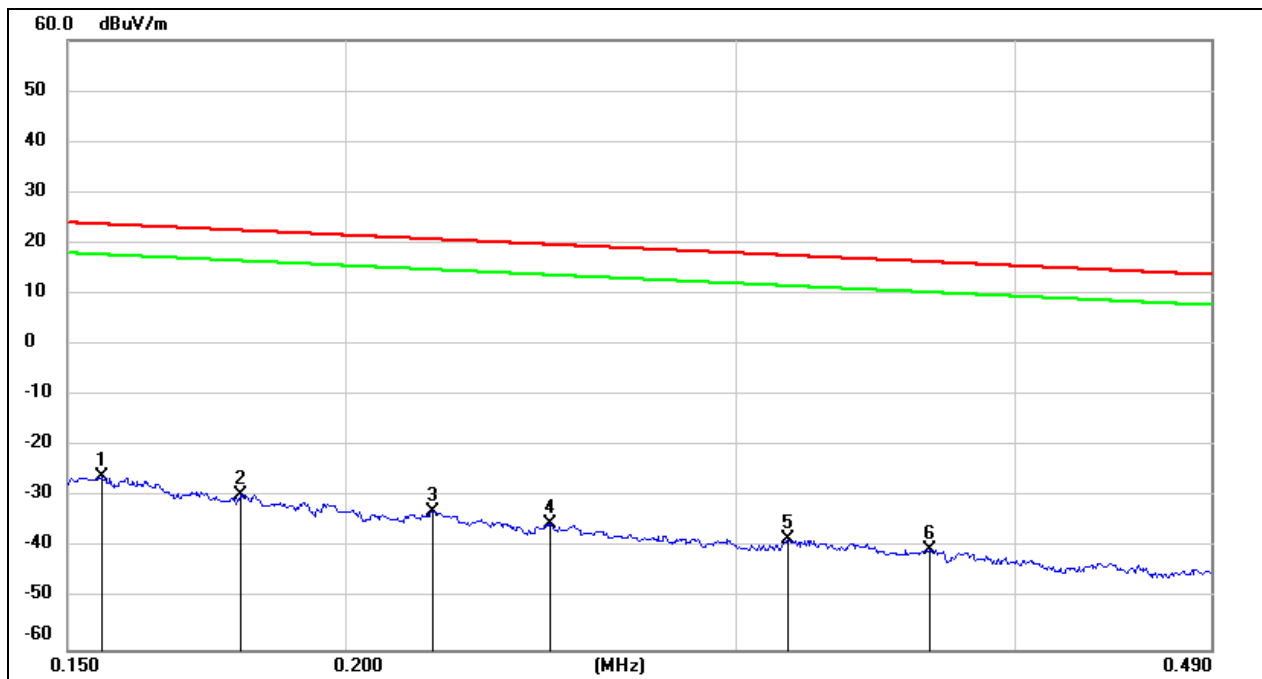
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



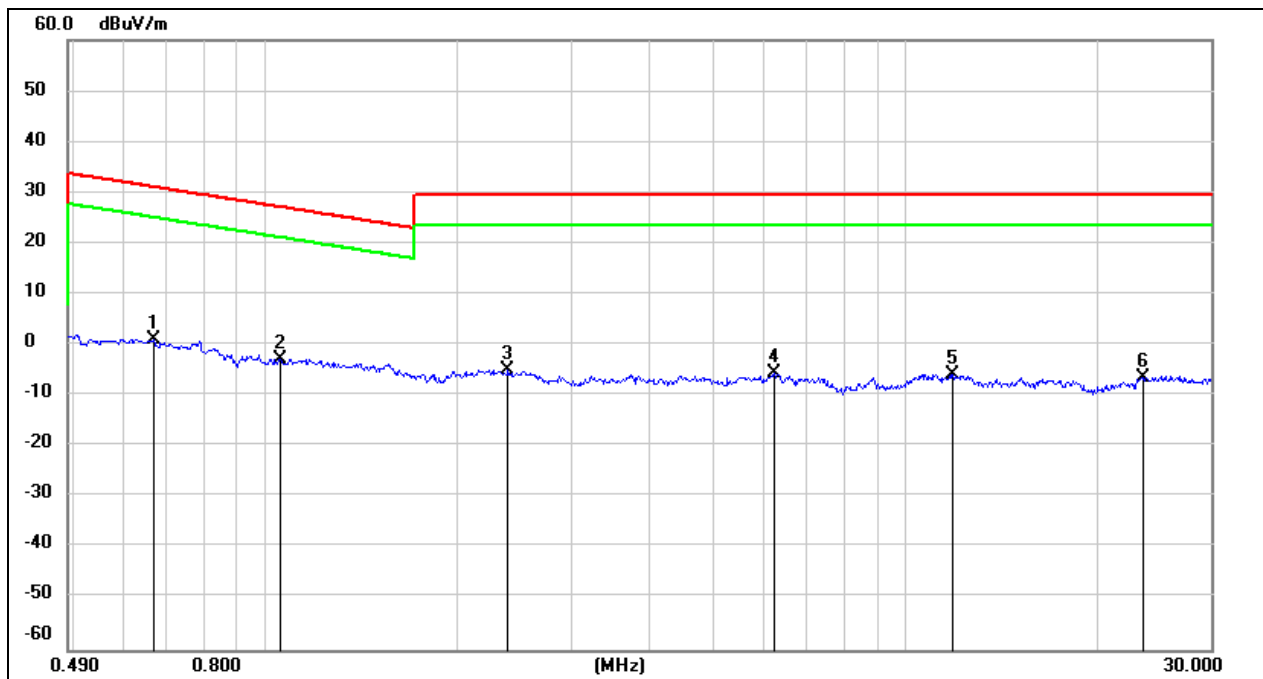
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.01	76.22	-101.4	-25.18	47.6	-76.68	-3.9	-72.78	peak
2	0.0134	72.96	-101.39	-28.43	45.06	-79.93	-6.44	-73.49	peak
3	0.0181	70.85	-101.36	-30.51	42.45	-82.01	-9.05	-72.96	peak
4	0.0279	68.17	-101.38	-33.21	38.69	-84.71	-12.81	-71.9	peak
5	0.0551	61.95	-101.5	-39.55	32.78	-91.05	-18.72	-72.33	peak
6	0.0981	60.77	-101.78	-41.01	27.77	-92.51	-23.73	-68.78	peak

Test Mode:	802.11a20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



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	0.1794	72.27	-101.68	-29.41	22.53	-80.91	-28.97	-51.94	peak
3	0.219	68.77	-101.75	-32.98	20.79	-84.48	-30.71	-53.77	peak
4	0.2472	66.45	-101.8	-35.35	19.74	-86.85	-31.76	-55.09	peak
5	0.3163	63.7	-101.87	-38.17	17.6	-89.67	-33.9	-55.77	peak
6	0.3662	61.58	-101.93	-40.35	16.33	-91.85	-35.17	-56.68	peak

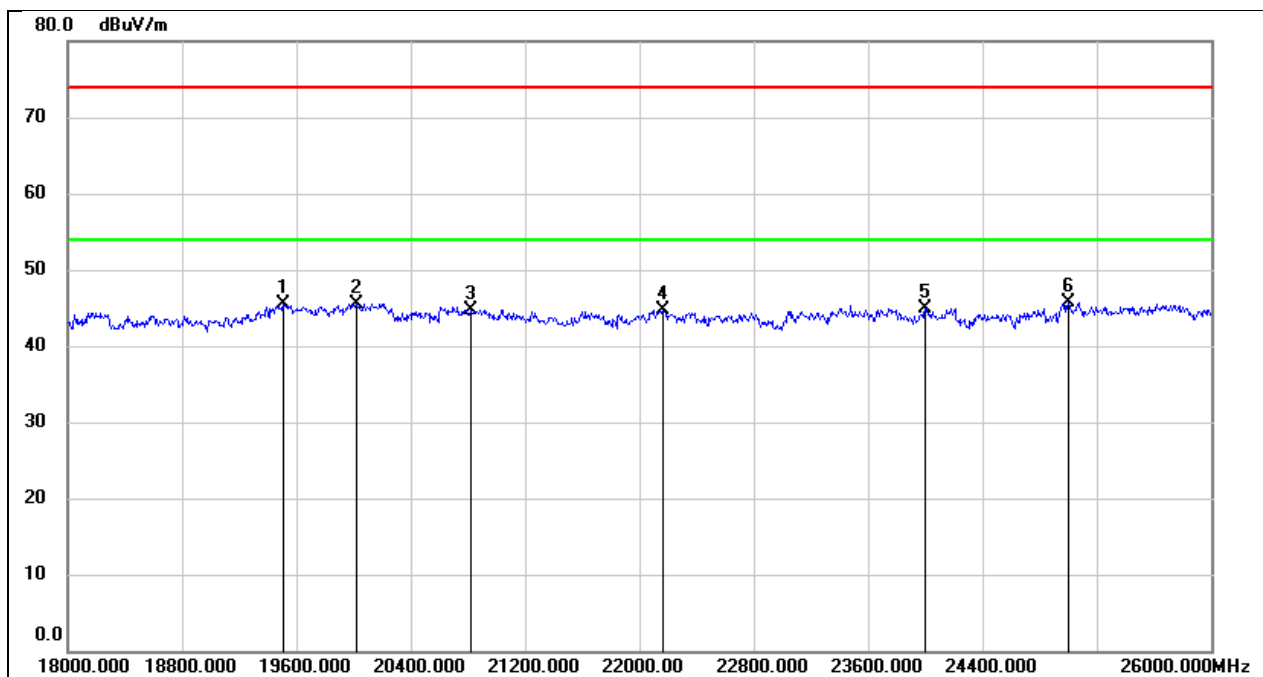
Test Mode:	802.11a20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



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	-62.1	1.15	31.12	-50.35	-20.38	-29.97	peak
2	1.0524	59.44	-62.24	-2.8	27.16	-54.3	-24.34	-29.96	peak
3	2.3887	56.65	-61.72	-5.07	29.54	-56.57	-21.96	-34.61	peak
4	6.2445	55.63	-61.32	-5.69	29.54	-57.19	-21.96	-35.23	peak
5	11.8513	55.06	-60.88	-5.82	29.54	-57.32	-21.96	-35.36	peak
6	23.4783	54.24	-60.56	-6.32	29.54	-57.82	-21.96	-35.86	peak

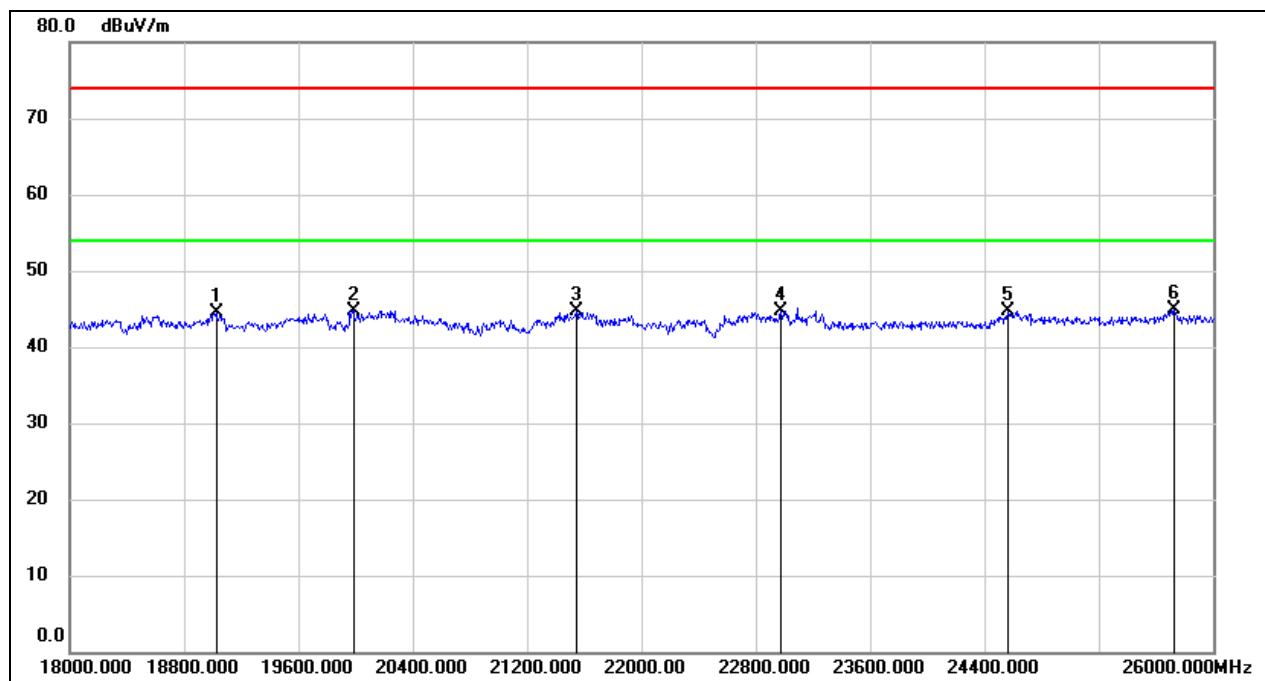
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19504.000	50.97	-5.54	45.43	74.00	-28.57	peak
2	20016.000	51.06	-5.47	45.59	74.00	-28.41	peak
3	20824.000	49.83	-5.04	44.79	74.00	-29.21	peak
4	22160.000	49.08	-4.31	44.77	74.00	-29.23	peak
5	24000.000	47.71	-2.75	44.96	74.00	-29.04	peak
6	25000.000	47.86	-2.10	45.76	74.00	-28.24	peak

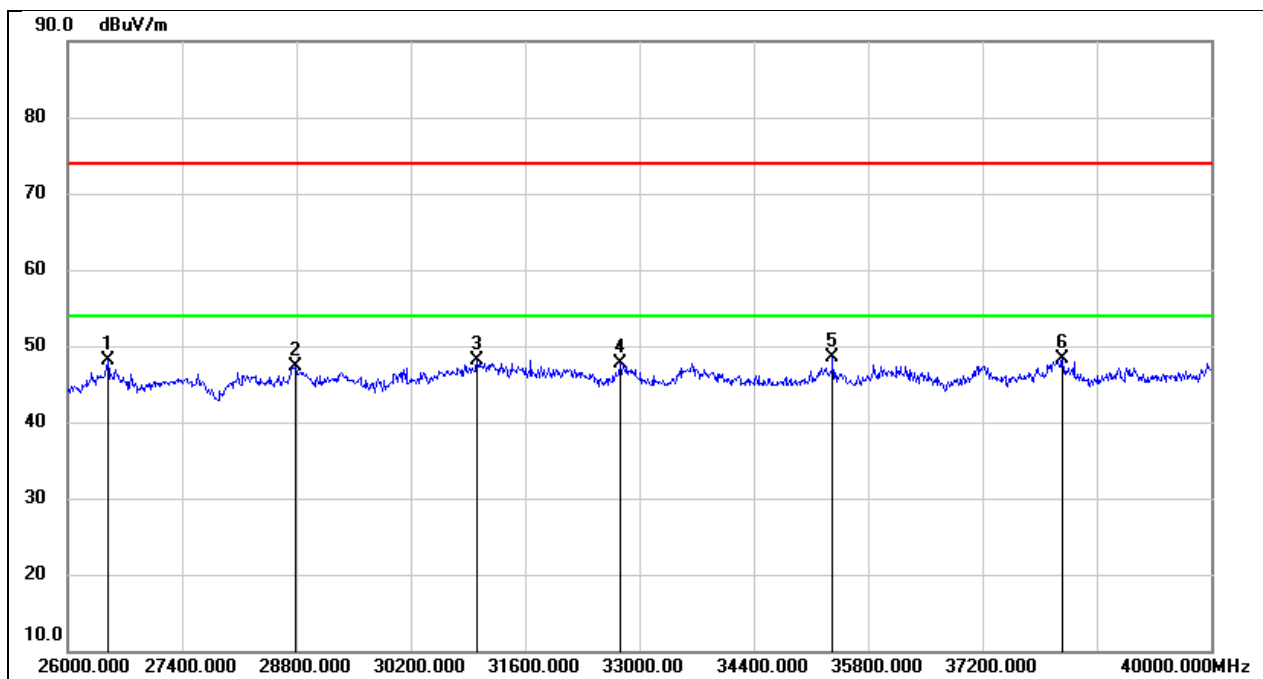
Test Mode:	802.11a 20	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19024.000	49.70	-5.24	44.46	74.00	-29.54	peak
2	19984.000	50.21	-5.44	44.77	74.00	-29.23	peak
3	21544.000	49.26	-4.63	44.63	74.00	-29.37	peak
4	22976.000	48.26	-3.46	44.80	74.00	-29.20	peak
5	24568.000	47.10	-2.33	44.77	74.00	-29.23	peak
6	25728.000	45.61	-0.72	44.89	74.00	-29.11	peak

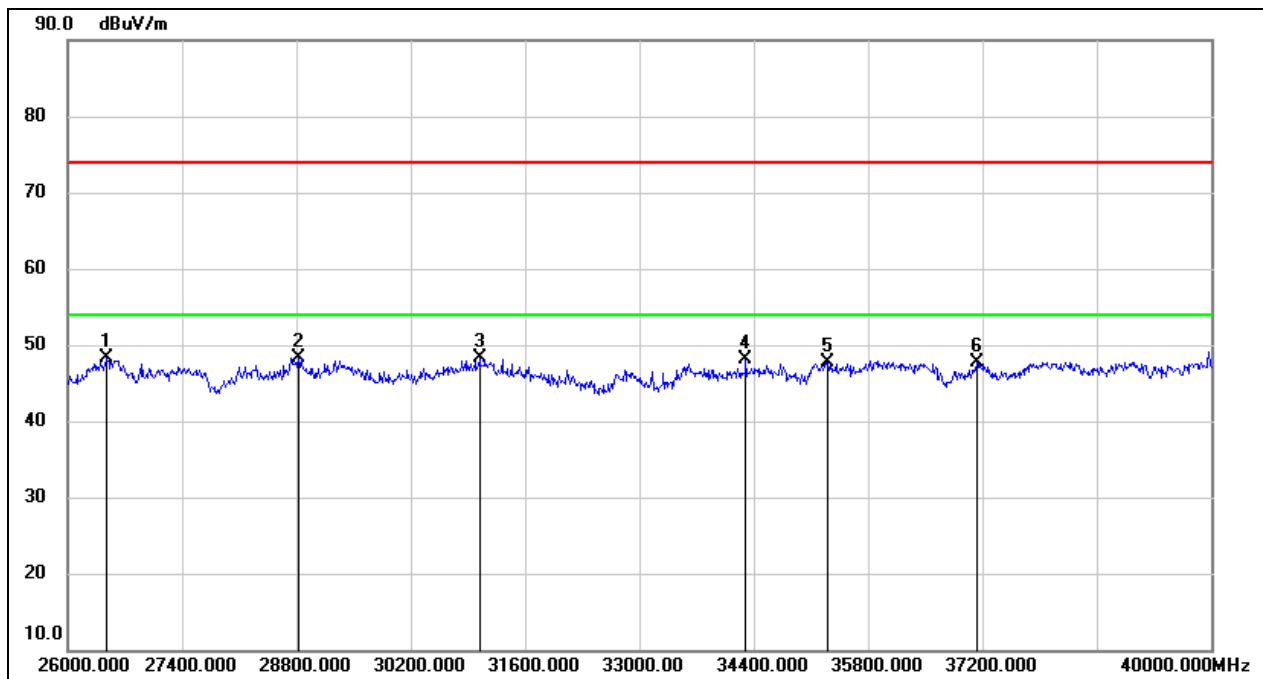
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	52.79	-4.74	48.05	74.00	-25.95	peak
2	28786.000	47.99	-0.64	47.35	74.00	-26.65	peak
3	31012.000	48.83	-0.71	48.12	74.00	-25.88	peak
4	32762.000	48.95	-1.21	47.74	74.00	-26.26	peak
5	35366.000	45.90	2.59	48.49	74.00	-25.51	peak
6	38180.000	44.64	3.69	48.33	74.00	-25.67	peak

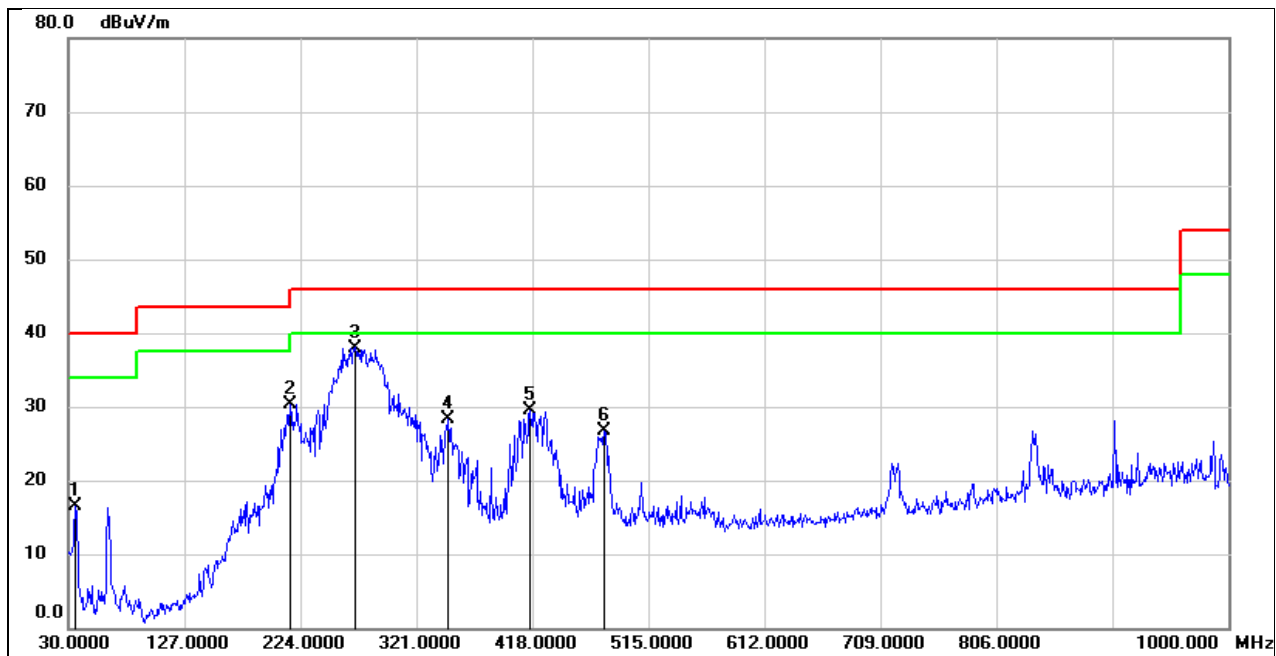
Test Mode:	802.11a 20	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	53.03	-4.78	48.25	74.00	-25.75	peak
2	28828.000	49.13	-0.79	48.34	74.00	-25.66	peak
3	31040.000	48.95	-0.72	48.23	74.00	-25.77	peak
4	34302.000	46.95	1.10	48.05	74.00	-25.95	peak
5	35310.000	45.04	2.62	47.66	74.00	-26.34	peak
6	37130.000	44.53	3.17	47.70	74.00	-26.30	peak

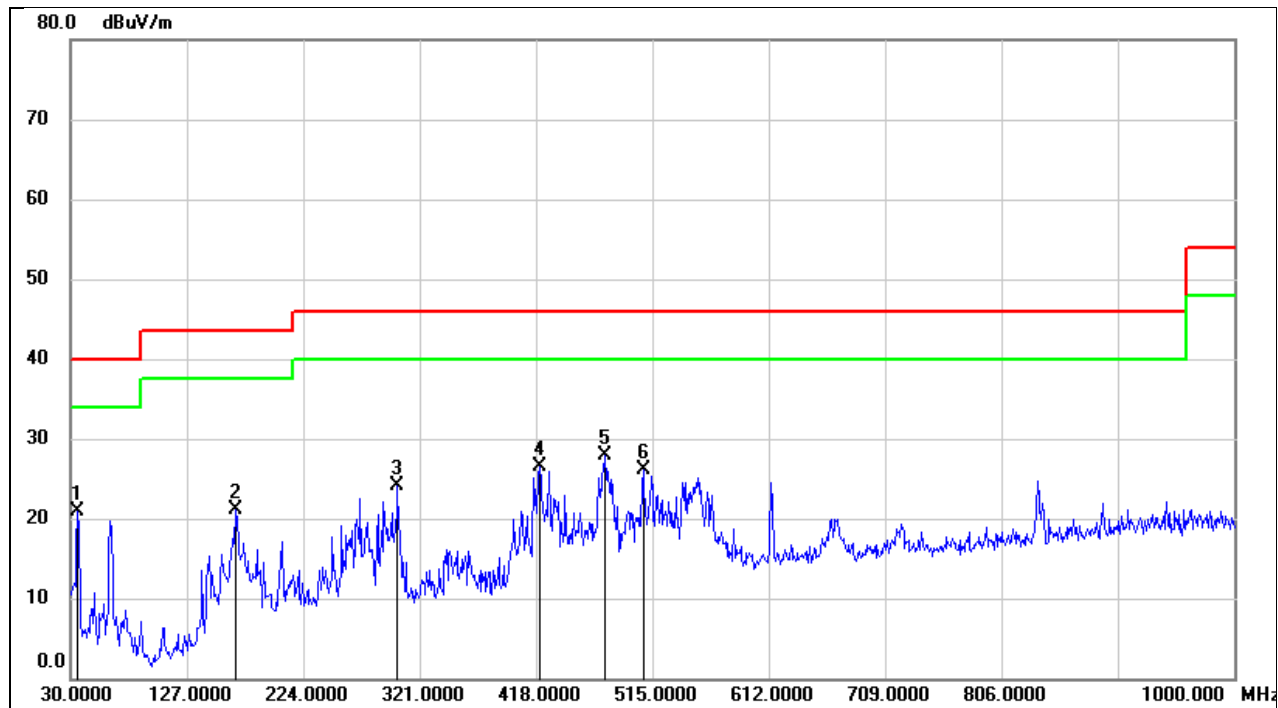
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11b	Channel:	2412
Polarity:	Horizontal	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.8200	35.64	-19.15	16.49	40.00	-23.51	QP
2	215.2700	47.52	-17.29	30.23	43.50	-13.27	QP
3	269.5900	55.55	-17.55	38.00	46.00	-8.00	QP
4	347.1900	41.44	-13.08	28.36	46.00	-17.64	QP
5	416.0600	42.03	-12.56	29.47	46.00	-16.53	QP
6	478.1400	37.71	-11.09	26.62	46.00	-19.38	QP

Test Mode:	802.11b	Channel:	2412
Polarity:	Vertical	Test Voltage:	DC 5V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	35.8200	40.07	-19.15	20.92	40.00	-19.08	QP
2	167.7400	38.21	-17.06	21.15	43.50	-22.35	QP
3	302.5700	39.31	-15.18	24.13	46.00	-21.87	QP
4	420.9100	38.88	-12.46	26.42	46.00	-19.58	QP
5	475.2300	39.00	-11.17	27.83	46.00	-18.17	QP
6	507.2400	36.76	-10.63	26.13	46.00	-19.87	QP

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISSED 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

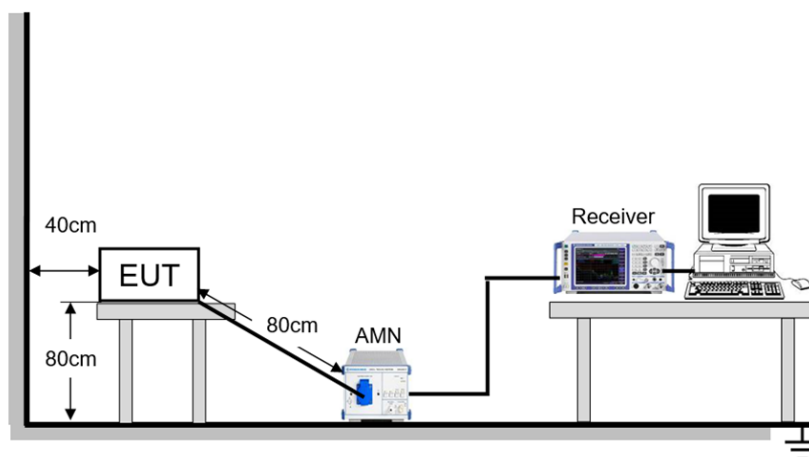
TEST PROCEDURE

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

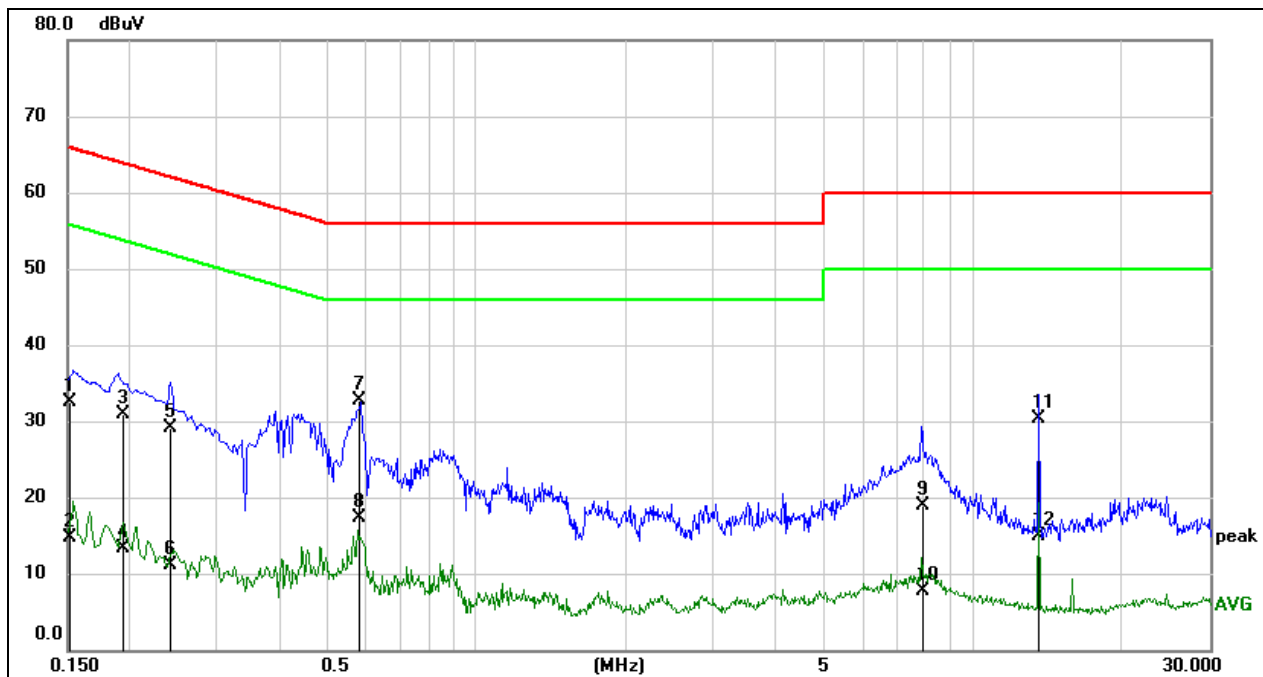
Temperature	25.8°C	Relative Humidity	61.9%
Atmosphere Pressure	101kPa	Test Voltage	AC 120 V, 60 Hz

TEST DATE / ENGINEER

Test Date	June 6, 2023	Test By	Wite Chen
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TEST RESULTS

Test Mode:	802.11a	Channel:	5180
Line:	Line		



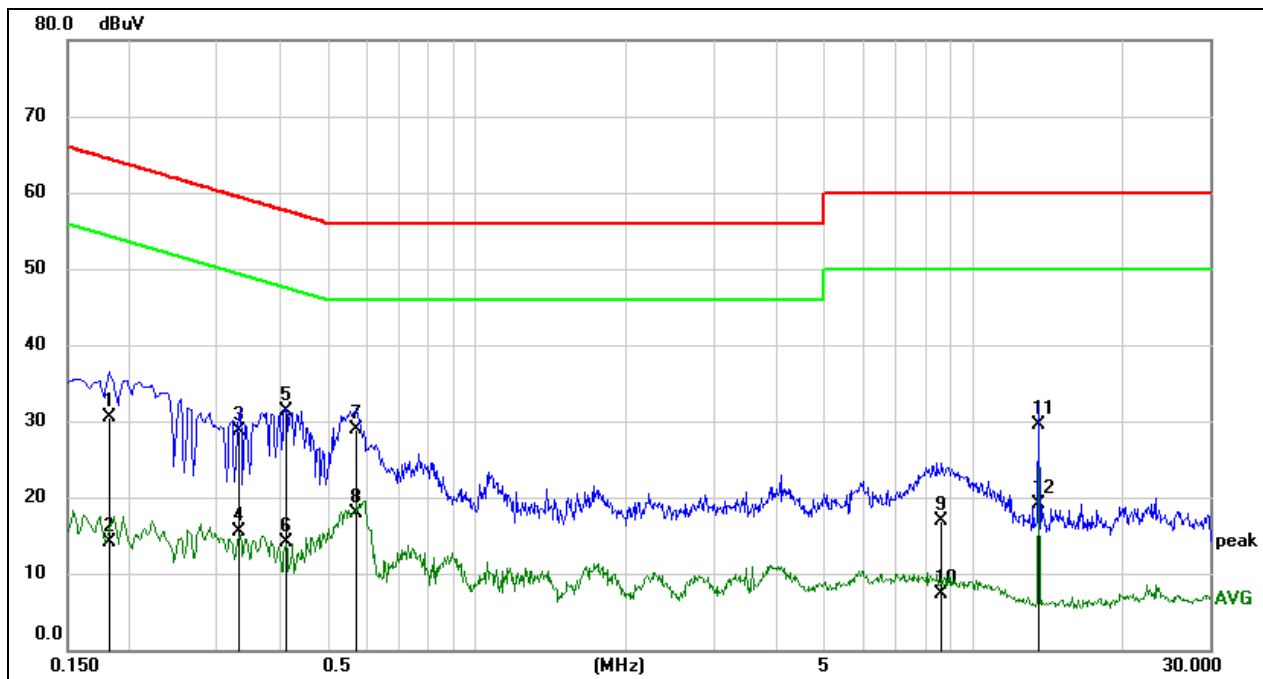
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1515	22.82	9.59	32.41	65.92	-33.51	QP
2	0.1515	5.12	9.59	14.71	55.92	-41.21	AVG
3	0.1947	21.28	9.59	30.87	63.83	-32.96	QP
4	0.1947	3.75	9.59	13.34	53.83	-40.49	AVG
5	0.2421	19.52	9.59	29.11	62.02	-32.91	QP
6	0.2421	1.48	9.59	11.07	52.02	-40.95	AVG
7	0.5812	23.06	9.60	32.66	56.00	-23.34	QP
8	0.5812	7.71	9.60	17.31	46.00	-28.69	AVG
9	7.9439	9.16	9.71	18.87	60.00	-41.13	QP
10	7.9439	-2.10	9.71	7.61	50.00	-42.39	AVG
11	13.5591	20.45	9.76	30.21	60.00	-29.79	QP
12	13.5591	5.07	9.76	14.83	50.00	-35.17	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	Channel:	5180
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1830	20.96	9.56	30.52	64.35	-33.83	QP
2	0.1830	4.62	9.56	14.18	54.35	-40.17	AVG
3	0.3305	19.25	9.55	28.80	59.44	-30.64	QP
4	0.3305	5.97	9.55	15.52	49.44	-33.92	AVG
5	0.4147	21.77	9.53	31.30	57.55	-26.25	QP
6	0.4147	4.63	9.53	14.16	47.55	-33.39	AVG
7	0.5726	19.47	9.50	28.97	56.00	-27.03	QP
8	0.5726	8.47	9.50	17.97	46.00	-28.03	AVG
9	8.6801	7.23	9.61	16.84	60.00	-43.16	QP
10	8.6801	-2.37	9.61	7.24	50.00	-42.76	AVG
11	13.5623	19.86	9.66	29.52	60.00	-30.48	QP
12	13.5623	9.36	9.66	19.02	50.00	-30.98	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: EMISSION BANDWIDTH

11.1.1. Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	19.840	5170.320	5190.160	PASS
		5200	19.160	5190.320	5209.480	PASS
		5240	19.960	5230.800	5250.760	PASS
		5260	19.440	5250.520	5269.960	PASS
		5280	19.600	5270.520	5290.120	PASS
		5320	19.960	5310.520	5330.480	PASS
		5500	19.480	5490.680	5510.160	PASS
		5580	19.400	5570.160	5589.560	PASS
		5700	19.600	5690.240	5709.840	PASS
		5720	19.120	5710.240	5729.360	PASS
		5720 UNII-2C	14.76	5710.240	5725	PASS
		5720 UNII-3	4.36	5725	5729.360	PASS
		5745	19.680	5735.200	5754.880	PASS
		5785	18.960	5775.560	5794.520	PASS
11N20SISO	Ant1	5825	19.920	5815.480	5835.400	PASS
		5180	19.560	5170.440	5190.000	PASS
		5200	20.480	5189.560	5210.040	PASS
		5240	19.440	5230.360	5249.800	PASS
		5260	19.400	5250.160	5269.560	PASS
		5280	20.160	5269.760	5289.920	PASS
		5320	20.560	5310.240	5330.800	PASS
		5500	21.080	5488.760	5509.840	PASS
		5580	19.720	5570.320	5590.040	PASS
		5700	19.560	5690.240	5709.800	PASS
		5720	19.680	5710.040	5729.720	PASS
		5720 UNII-2C	14.96	5710.040	5725	PASS
		5720 UNII-3	4.72	5725	5729.720	PASS
		5745	20.520	5734.920	5755.440	PASS
11N40SISO	Ant1	5785	20.040	5775.120	5795.160	PASS
		5825	20.040	5815.240	5835.280	PASS
		5190	39.360	5170.240	5209.600	PASS
		5230	38.960	5210.560	5249.520	PASS
		5270	39.200	5250.160	5289.360	PASS
		5310	39.920	5289.760	5329.680	PASS
		5510	39.920	5489.440	5529.360	PASS
		5550	39.040	5530.320	5569.360	PASS
		5670	40.240	5649.120	5689.360	PASS
		5710	39.200	5690.400	5729.600	PASS
		5710 UNII-2C	34.6	5690.400	5725	PASS
		5710 UNII-3	4.6	5725	5729.600	PASS
		5755	39.200	5735.400	5774.600	PASS
		5795	39.920	5775.240	5815.160	PASS
11AC80SISO	Ant1	5210	81.920	5167.760	5249.680	PASS
		5290	81.120	5250.640	5331.760	PASS
		5530	80.320	5489.200	5569.520	PASS
		5610	79.040	5570.480	5649.520	PASS
		5690	82.240	5650.640	5732.880	PASS
		5690 UNII-2C	74.36	5650.640	5725	PASS
		5690 UNII-3	7.88	5725	5732.880	PASS
		5775	79.840	5735.000	5814.840	PASS

11.1.2. Test Graphs









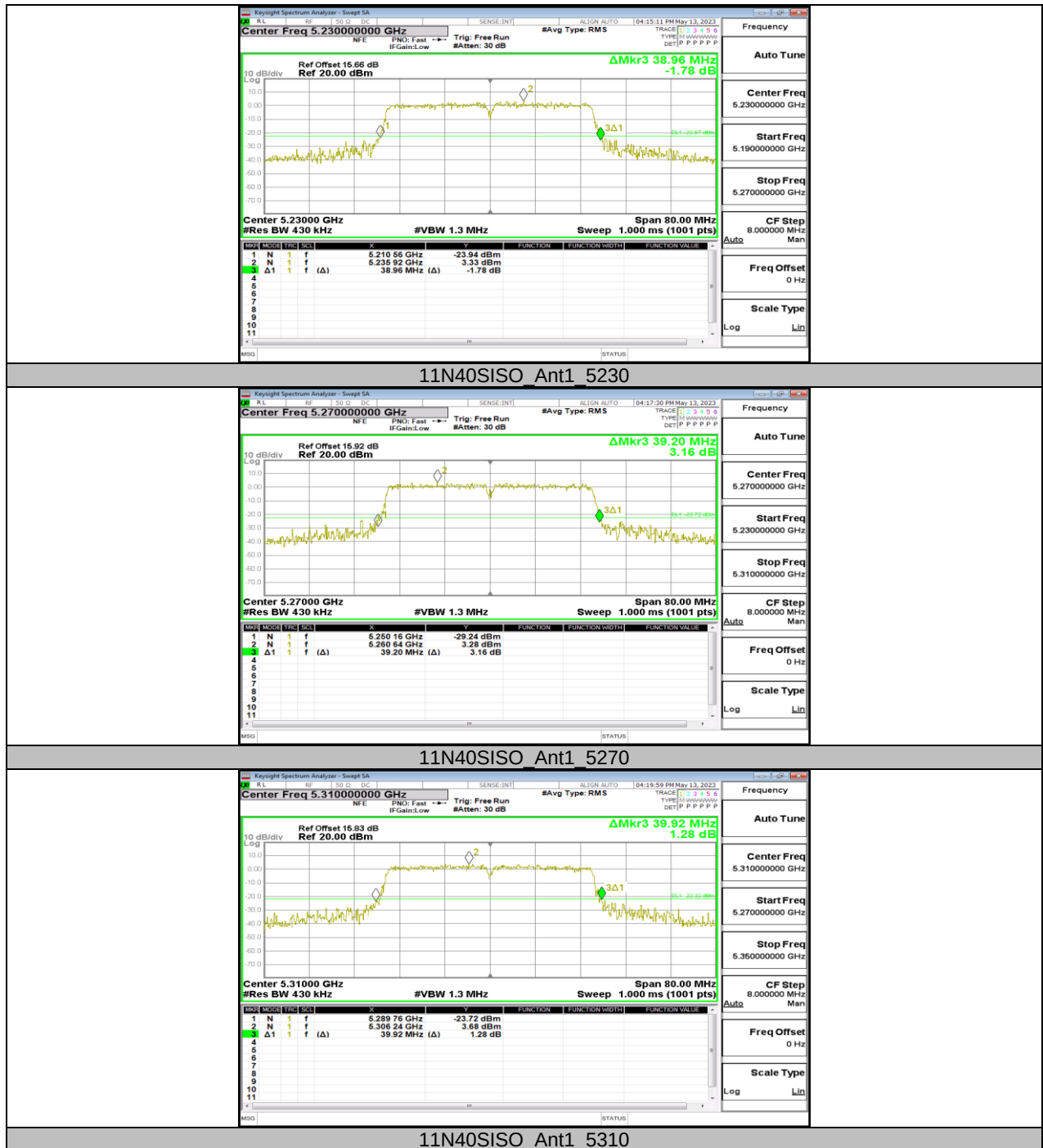


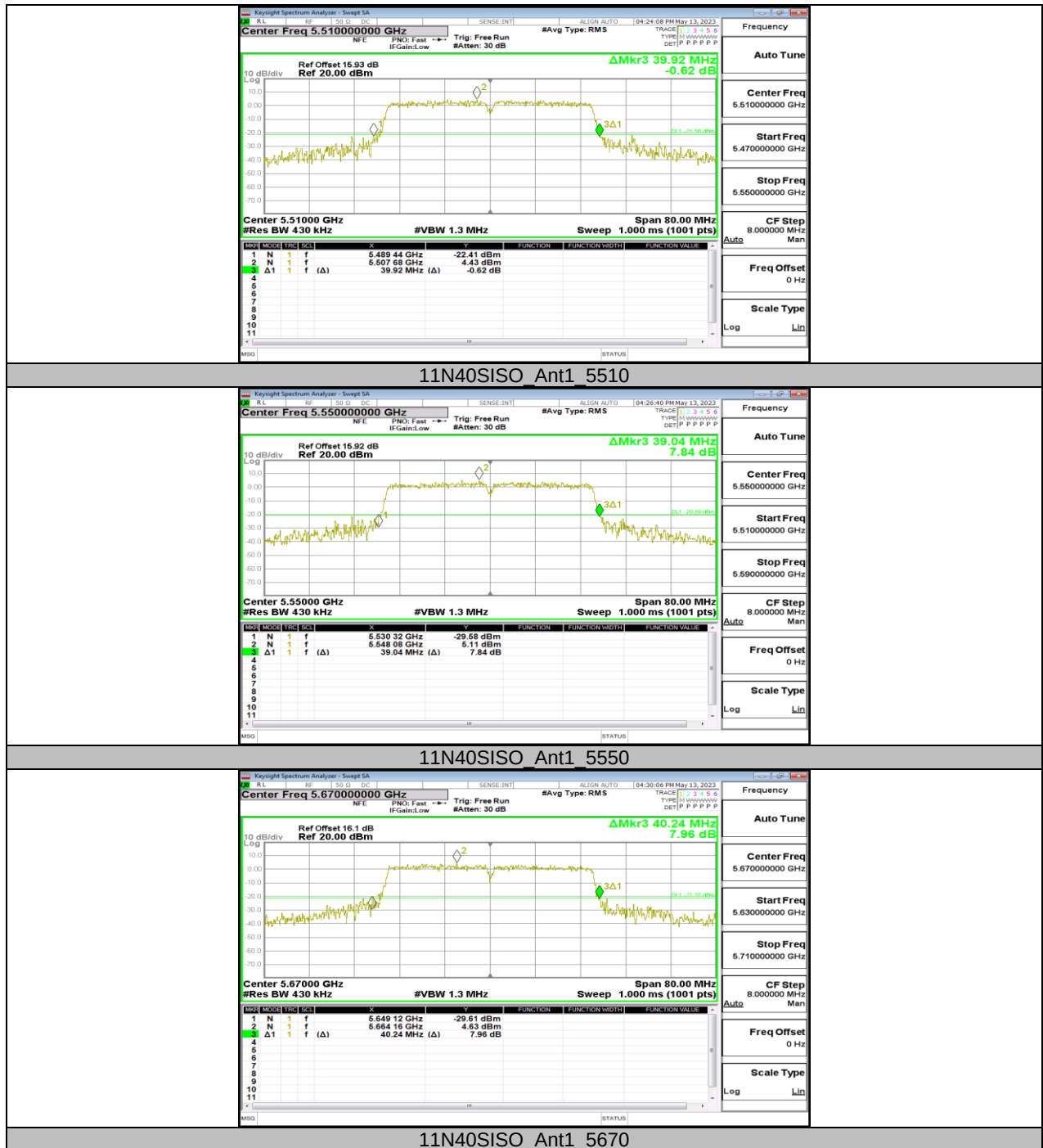


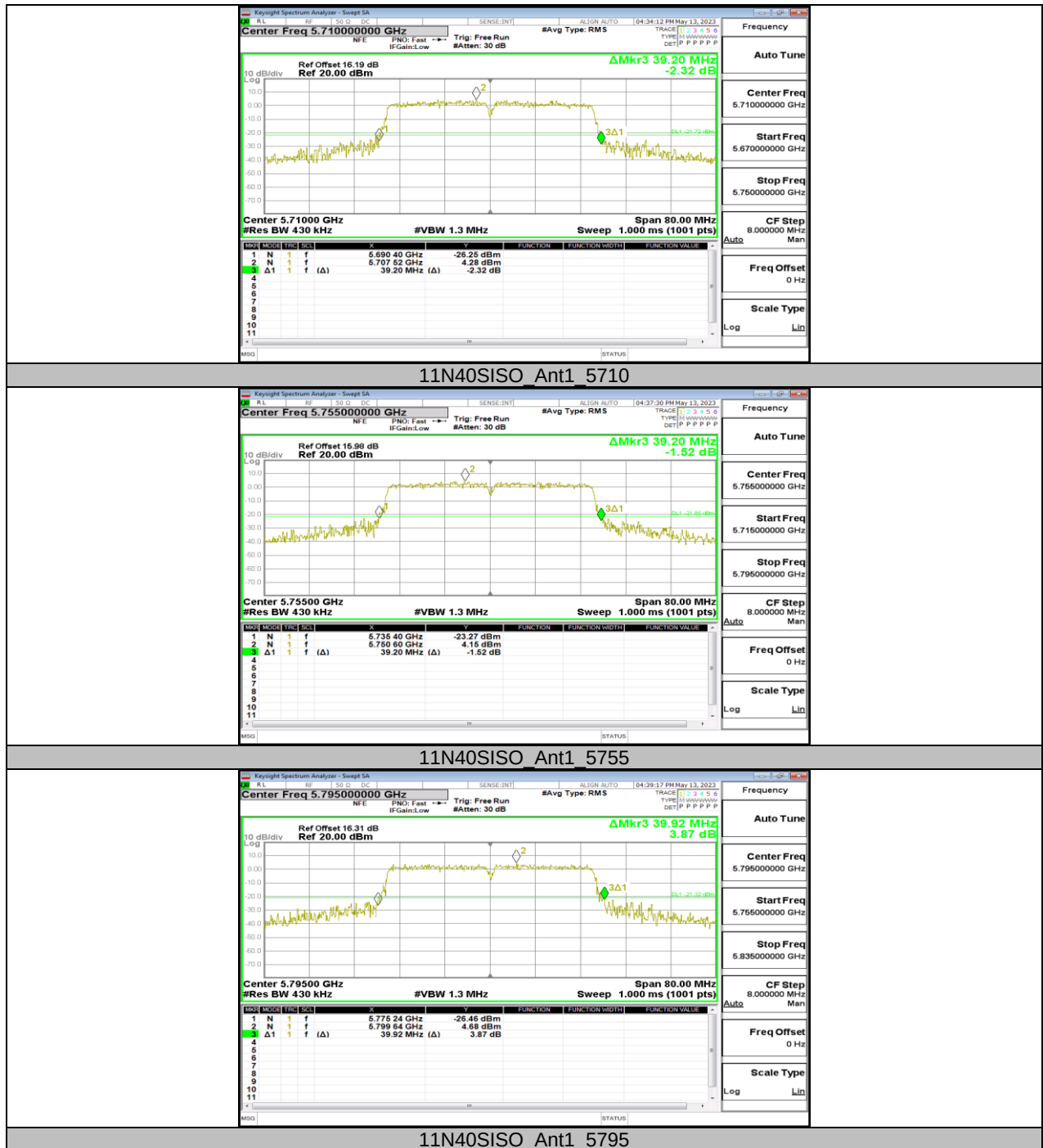


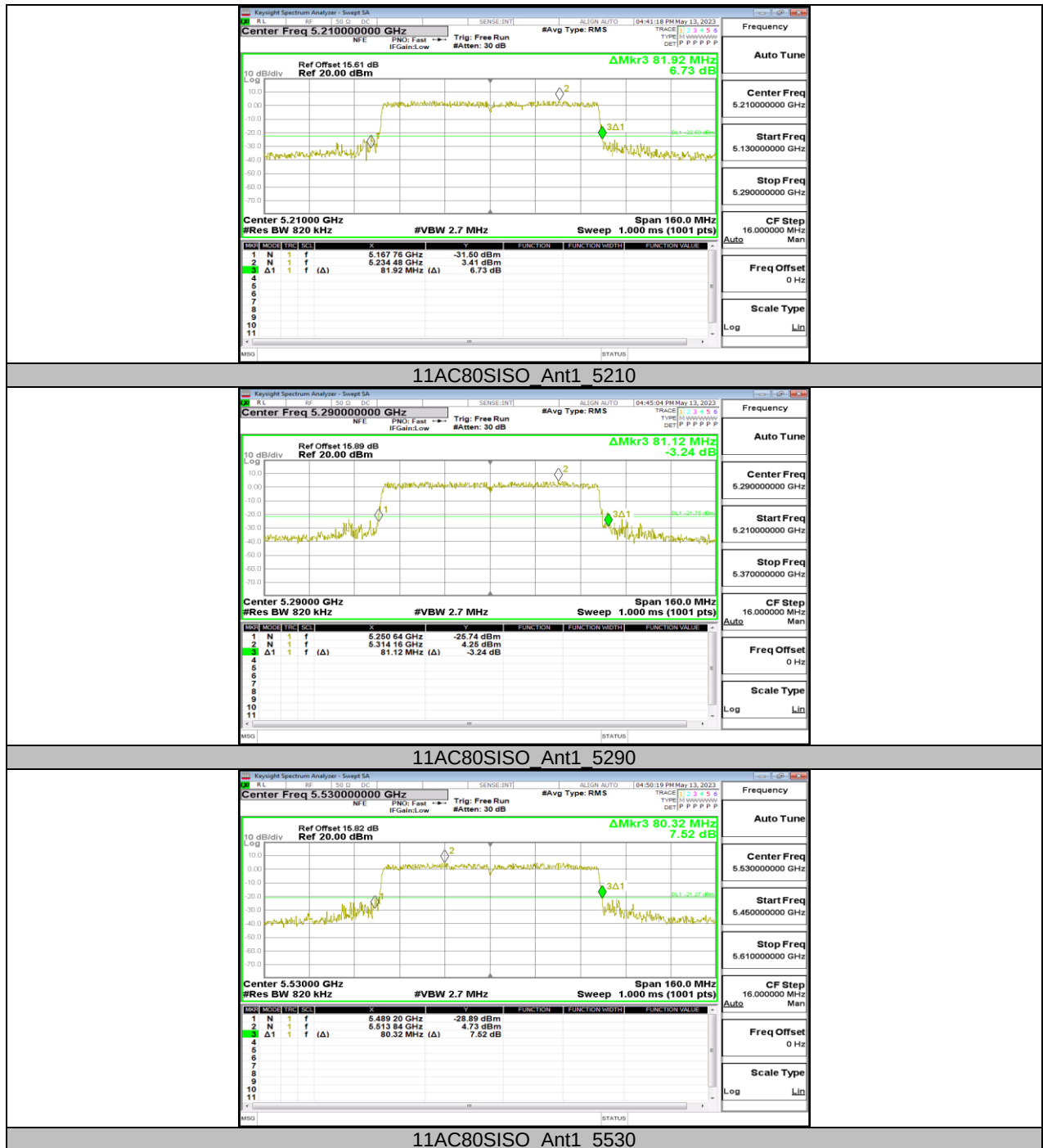














11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	16.768	5171.6162	5188.3842	PASS
		5200	16.710	5191.6820	5208.3920	PASS
		5240	16.738	5231.7034	5248.4414	PASS
		5260	16.676	5251.7401	5268.4161	PASS
		5280	16.624	5271.7201	5288.3441	PASS
		5320	16.684	5311.6882	5328.3722	PASS
		5500	16.862	5491.5694	5508.4314	PASS
		5580	16.658	5571.6899	5588.3479	PASS
		5700	16.668	5691.7096	5708.3776	PASS
		5720	16.838	5711.6501	5728.4881	PASS
		5720 UNII-2C	13.35	5711.6501	5725	PASS
		5720 UNII-3	3.488	5725	5728.4881	PASS
		5745	16.827	5736.5897	5753.4167	PASS
		5785	16.736	5776.6716	5793.4076	PASS
		5825	16.731	5816.6608	5833.3918	PASS
11N20SISO	Ant1	5180	17.792	5171.1227	5188.9147	PASS
		5200	17.690	5191.1861	5208.8761	PASS
		5240	17.665	5231.1888	5248.8538	PASS
		5260	17.671	5251.1514	5268.8224	PASS
		5280	17.663	5271.1874	5288.8504	PASS
		5320	17.683	5311.1351	5328.8181	PASS
		5500	17.644	5491.1827	5508.8267	PASS
		5580	17.663	5571.1415	5588.8045	PASS
		5700	17.673	5691.1761	5708.8491	PASS
		5720	17.733	5711.1123	5728.8453	PASS
		5720 UNII-2C	13.888	5711.1123	5725	PASS
		5720 UNII-3	3.845	5725	5728.8453	PASS
		5745	17.725	5736.1171	5753.8421	PASS
		5785	17.670	5776.1604	5793.8304	PASS
		5825	17.703	5816.1295	5833.8325	PASS
11N40SISO	Ant1	5190	36.107	5171.9114	5208.0184	PASS
		5230	36.213	5211.9087	5248.1217	PASS
		5270	36.246	5251.8665	5288.1125	PASS
		5310	36.102	5291.9111	5328.0131	PASS
		5510	36.102	5491.9682	5528.0702	PASS
		5550	36.189	5531.8490	5568.0380	PASS
		5670	36.170	5651.9766	5688.1466	PASS
		5710	36.125	5691.9956	5728.1206	PASS
		5710 UNII-2C	33.004	5691.9956	5725	PASS
		5710 UNII-3	3.121	5725	5728.1206	PASS
		5755	36.129	5736.9877	5773.1167	PASS
		5795	36.171	5776.9832	5813.1542	PASS
11AC80SISO	Ant1	5210	75.794	5172.3162	5248.1102	PASS
		5290	75.495	5252.4897	5327.9847	PASS
		5530	75.641	5492.1898	5567.8308	PASS
		5610	75.623	5572.3633	5647.9863	PASS
		5690	75.901	5652.0905	5727.9915	PASS
		5690 UNII-2C	72.909	5652.0905	5725	PASS
		5690 UNII-3	2.992	5725	5727.9915	PASS
		5775	75.900	5737.1555	5813.0555	PASS