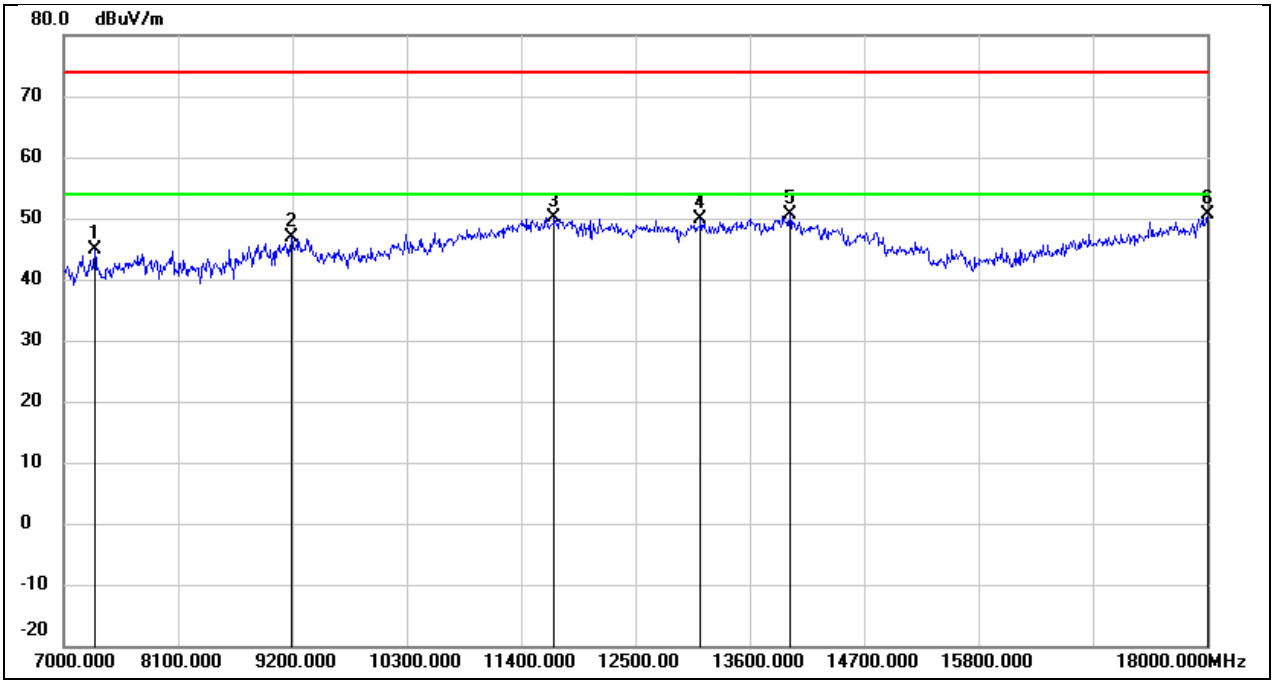
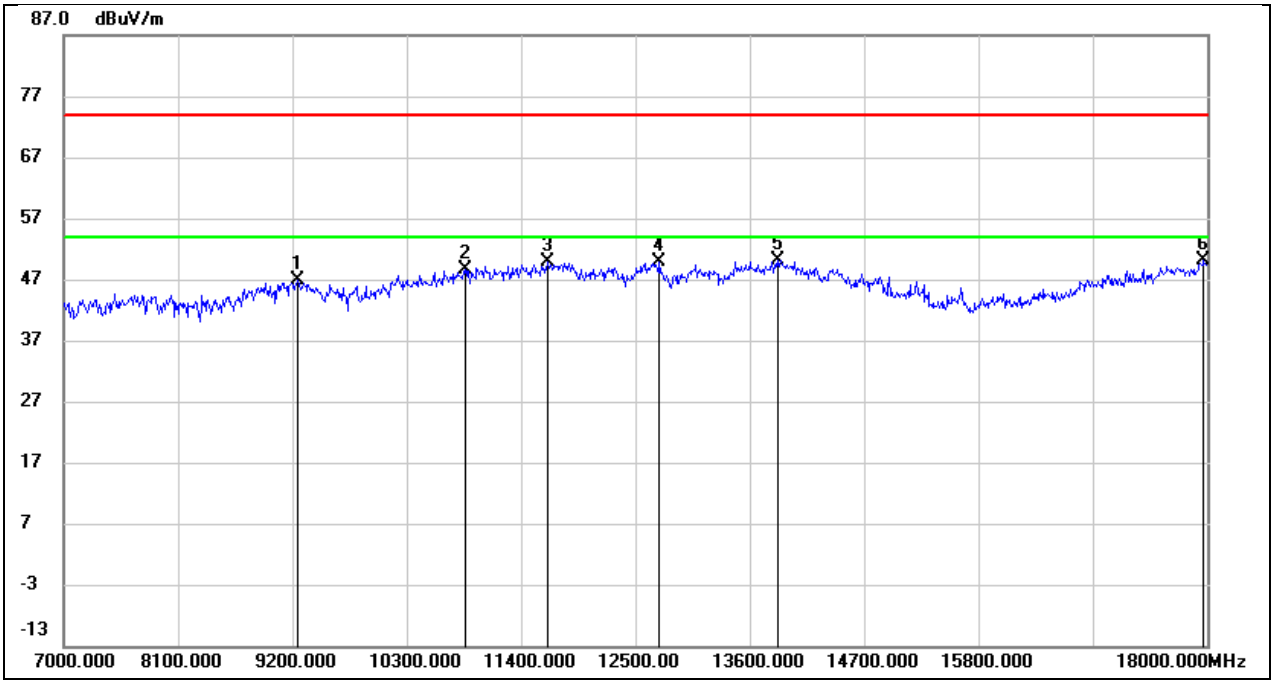
Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



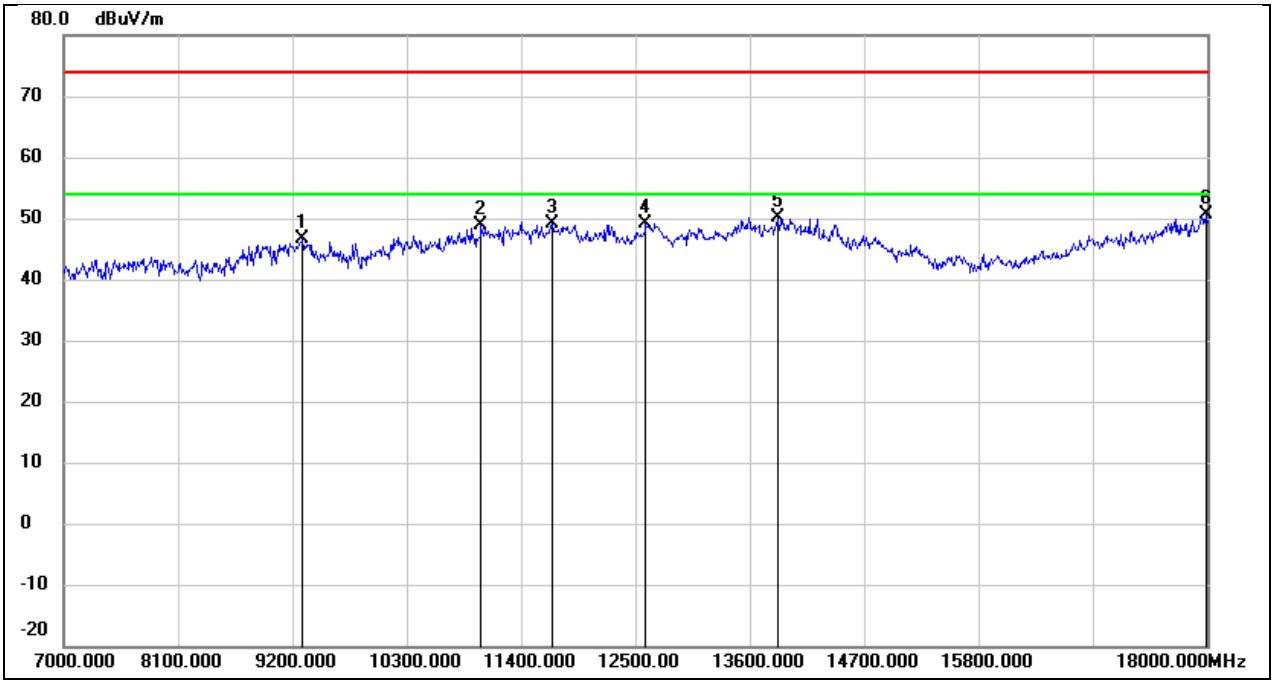
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	38.01	6.95	44.96	74.00	-29.04	peak
2	9189.000	36.35	10.46	46.81	74.00	-27.19	peak
3	11719.000	32.96	17.18	50.14	74.00	-23.86	peak
4	13127.000	30.88	19.01	49.89	74.00	-24.11	peak
5	13985.000	28.77	21.85	50.62	74.00	-23.38	peak
6	18000.000	24.40	26.12	50.52	74.00	-23.48	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



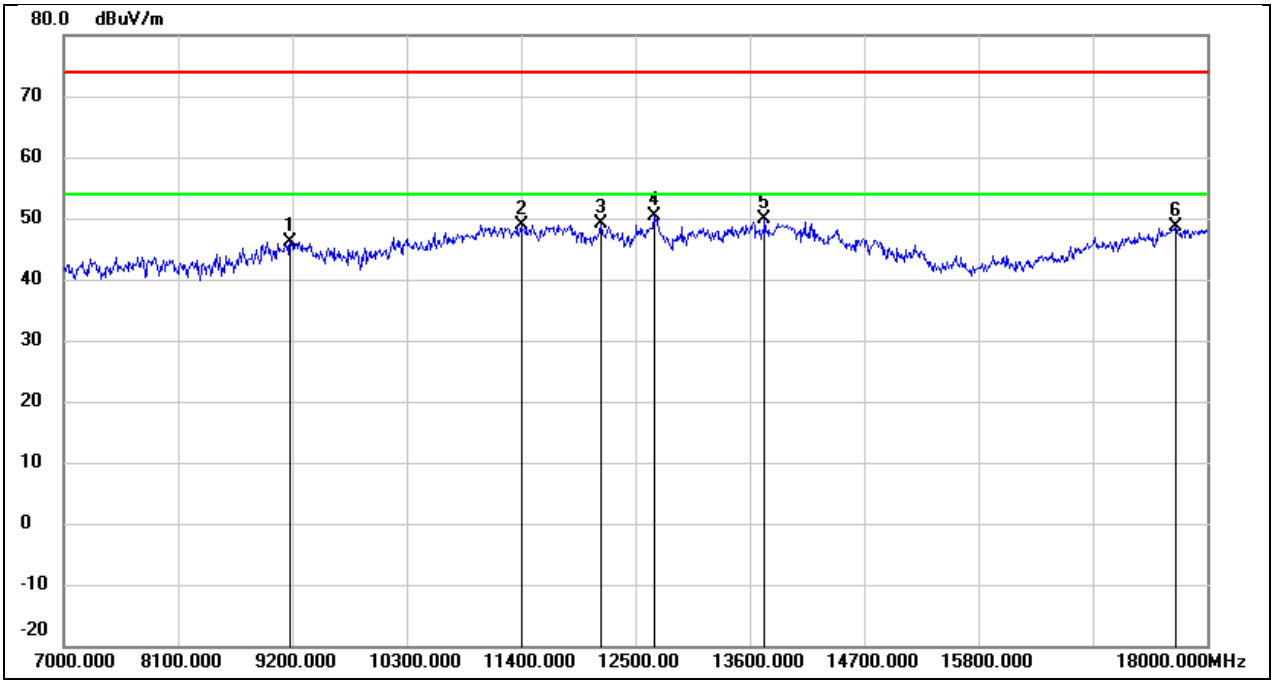
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	36.44	10.51	46.95	74.00	-27.05	peak
2	10861.000	34.45	14.20	48.65	74.00	-25.35	peak
3	11653.000	32.77	17.05	49.82	74.00	-24.18	peak
4	12731.000	31.74	18.12	49.86	74.00	-24.14	peak
5	13864.000	28.65	21.53	50.18	74.00	-23.82	peak
6	17967.000	24.30	25.89	50.19	74.00	-23.81	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



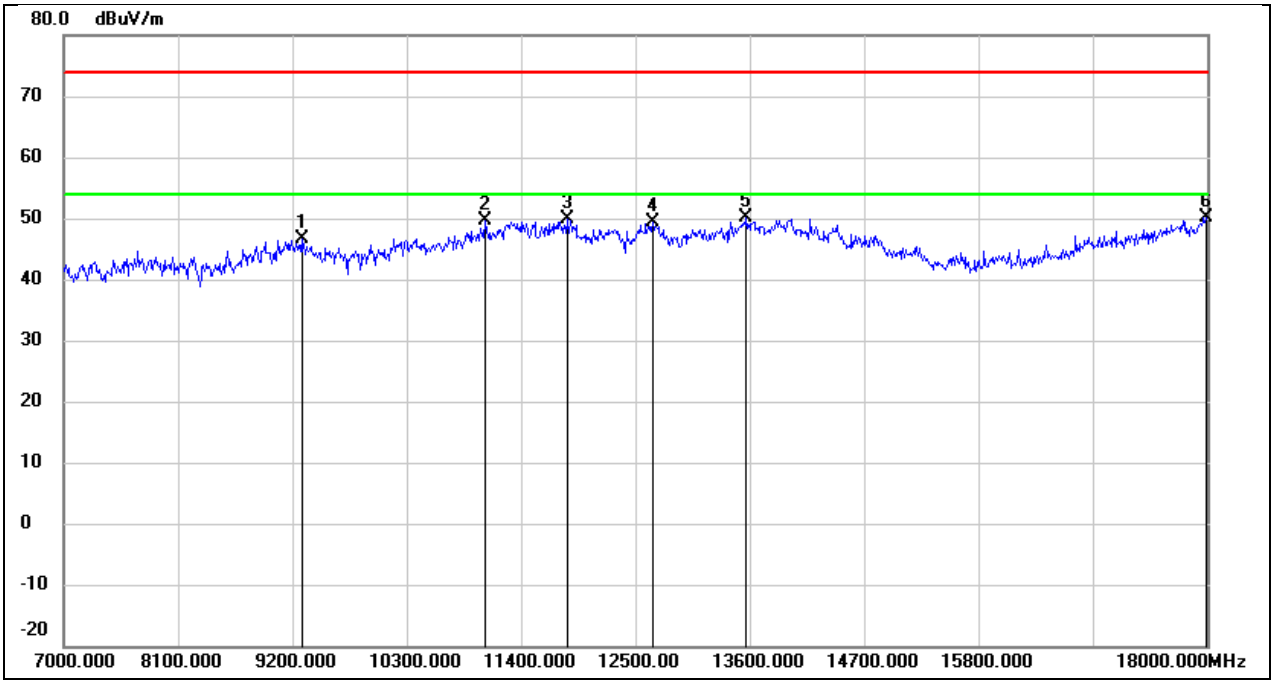
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9299.000	36.15	10.53	46.68	74.00	-27.32	peak
2	11015.000	34.13	14.79	48.92	74.00	-25.08	peak
3	11697.000	31.92	17.13	49.05	74.00	-24.95	peak
4	12599.000	31.09	17.95	49.04	74.00	-24.96	peak
5	13875.000	28.56	21.57	50.13	74.00	-23.87	peak
6	17989.000	24.61	26.04	50.65	74.00	-23.35	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



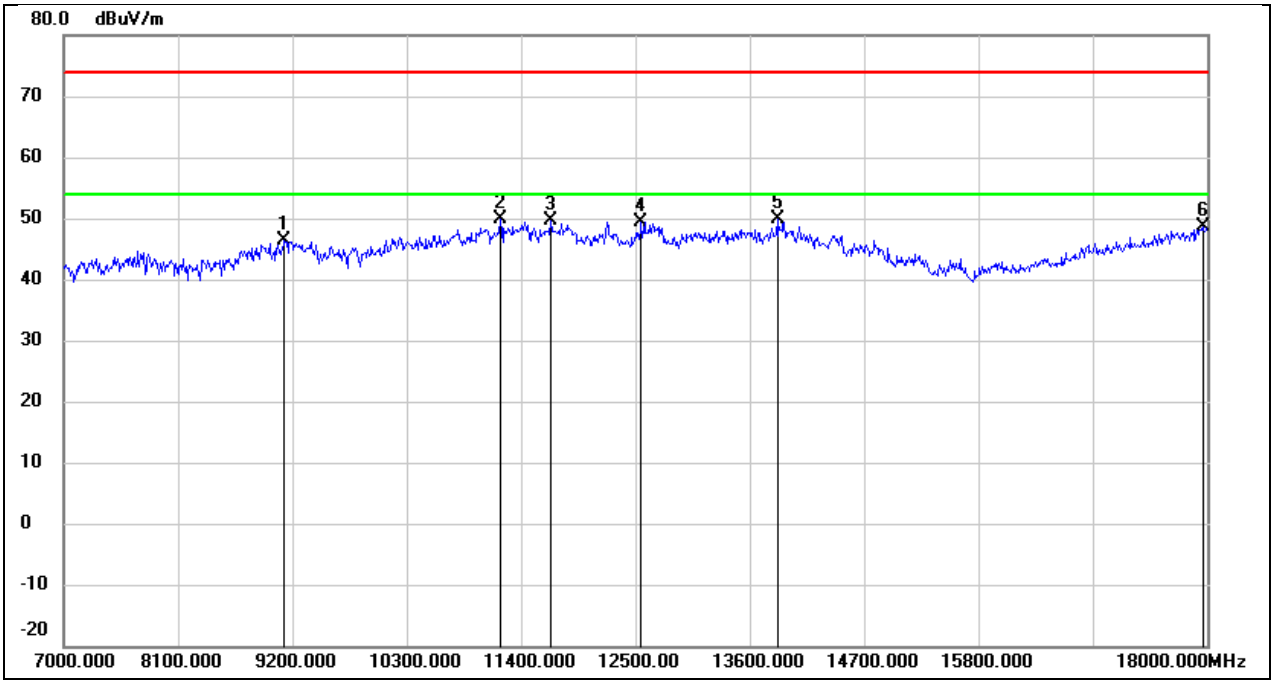
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9178.000	35.78	10.45	46.23	74.00	-27.77	peak
2	11400.000	32.59	16.36	48.95	74.00	-25.05	peak
3	12170.000	31.34	17.75	49.09	74.00	-24.91	peak
4	12676.000	32.38	18.05	50.43	74.00	-23.57	peak
5	13743.000	28.73	21.24	49.97	74.00	-24.03	peak
6	17692.000	24.64	24.01	48.65	74.00	-25.35	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



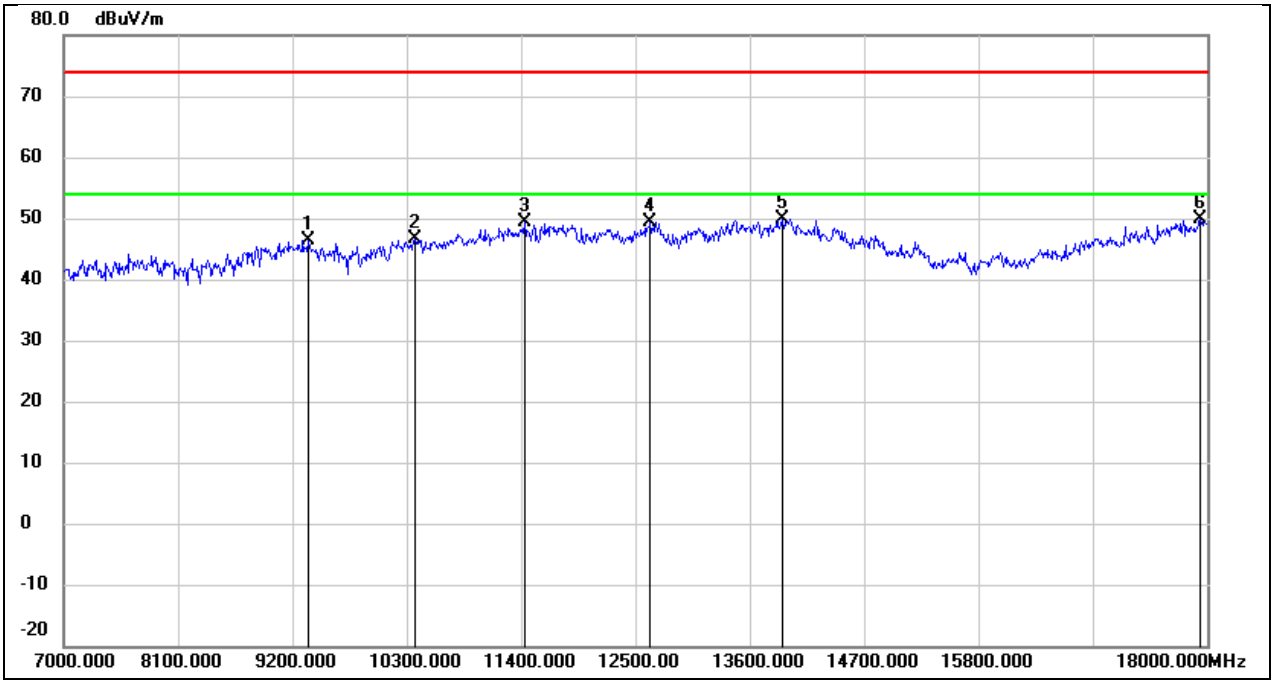
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9288.000	36.05	10.52	46.57	74.00	-27.43	peak
2	11048.000	34.79	14.91	49.70	74.00	-24.30	peak
3	11840.000	32.58	17.40	49.98	74.00	-24.02	peak
4	12665.000	31.33	18.04	49.37	74.00	-24.63	peak
5	13567.000	29.26	20.80	50.06	74.00	-23.94	peak
6	17989.000	24.18	26.04	50.22	74.00	-23.78	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



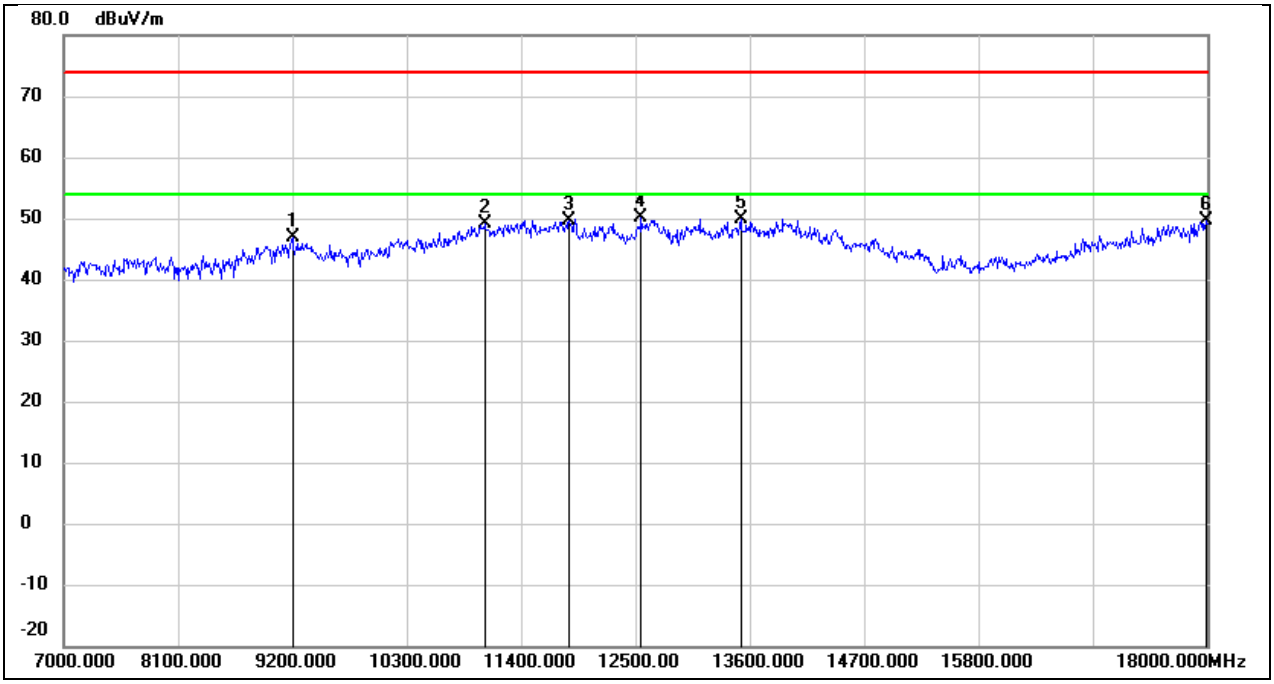
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9123.000	35.89	10.42	46.31	74.00	-27.69	peak
2	11202.000	34.39	15.55	49.94	74.00	-24.06	peak
3	11686.000	32.59	17.12	49.71	74.00	-24.29	peak
4	12555.000	31.59	17.90	49.49	74.00	-24.51	peak
5	13864.000	28.32	21.53	49.85	74.00	-24.15	peak
6	17956.000	22.82	25.82	48.64	74.00	-25.36	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



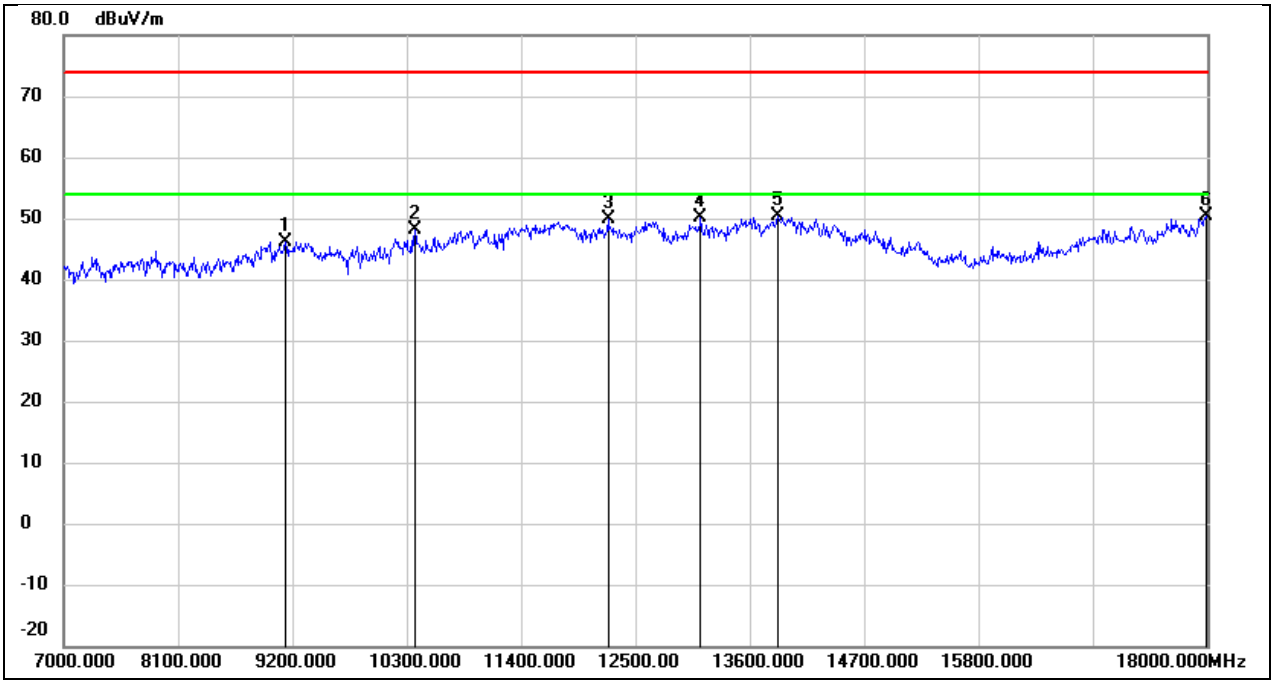
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.000	35.85	10.56	46.41	74.00	-27.59	peak
2	10377.000	34.13	12.56	46.69	74.00	-27.31	peak
3	11433.000	32.80	16.50	49.30	74.00	-24.70	peak
4	12643.000	31.40	18.01	49.41	74.00	-24.59	peak
5	13908.000	28.33	21.66	49.99	74.00	-24.01	peak
6	17934.000	24.09	25.67	49.76	74.00	-24.24	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



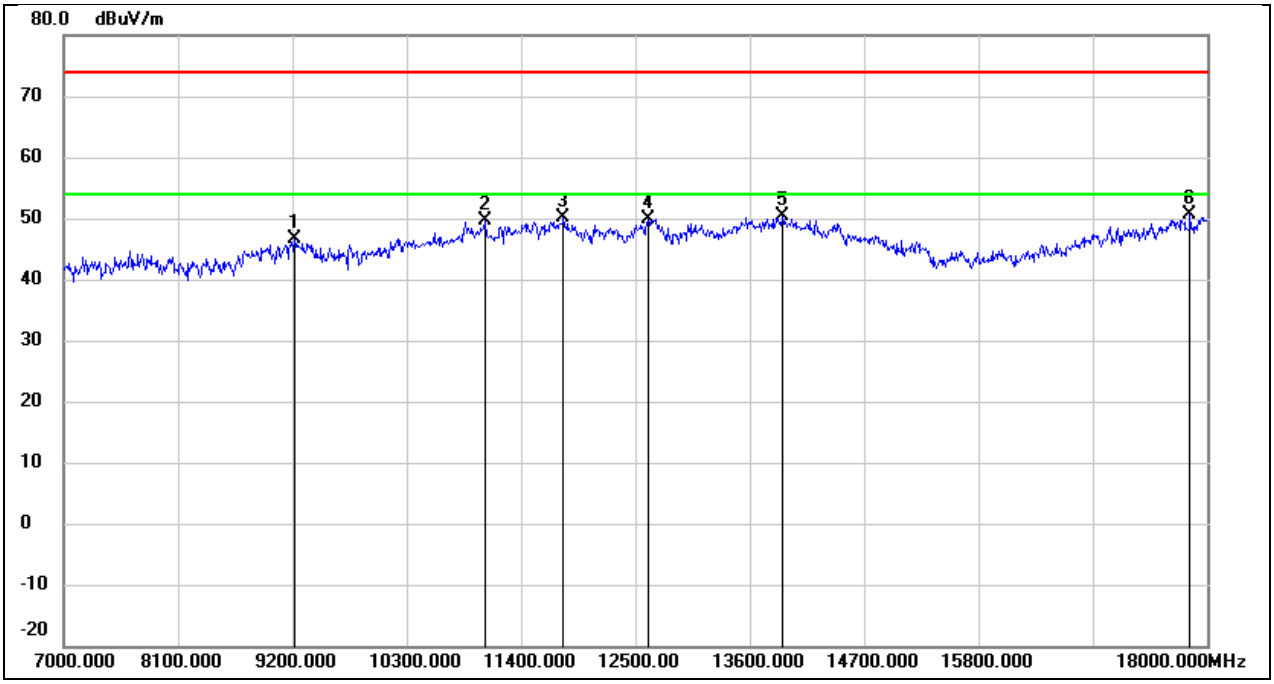
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9200.000	36.33	10.46	46.79	74.00	-27.21	peak
2	11048.000	34.10	14.91	49.01	74.00	-24.99	peak
3	11862.000	32.29	17.45	49.74	74.00	-24.26	peak
4	12555.000	32.33	17.90	50.23	74.00	-23.77	peak
5	13512.000	29.23	20.68	49.91	74.00	-24.09	peak
6	17989.000	23.48	26.04	49.52	74.00	-24.48	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



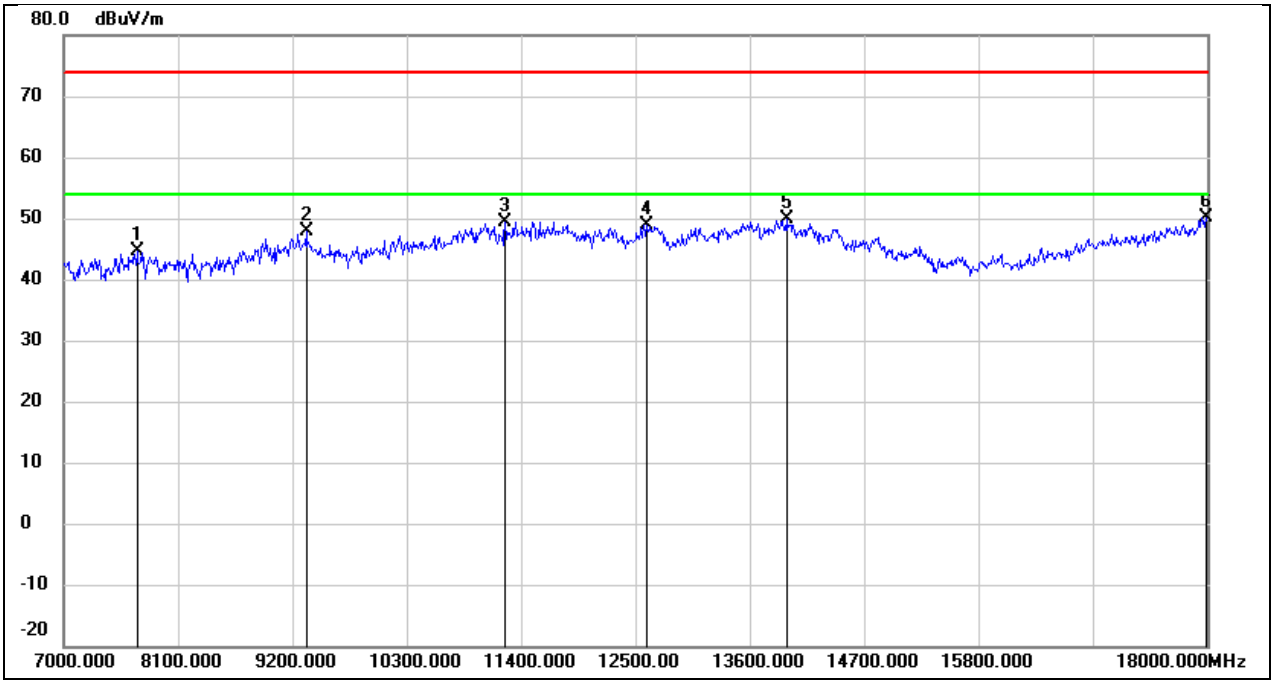
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	35.82	10.41	46.23	74.00	-27.77	peak
2	10377.000	35.45	12.56	48.01	74.00	-25.99	peak
3	12236.000	32.12	17.76	49.88	74.00	-24.12	peak
4	13127.000	31.21	19.01	50.22	74.00	-23.78	peak
5	13864.000	28.82	21.53	50.35	74.00	-23.65	peak
6	17989.000	24.27	26.04	50.31	74.00	-23.69	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



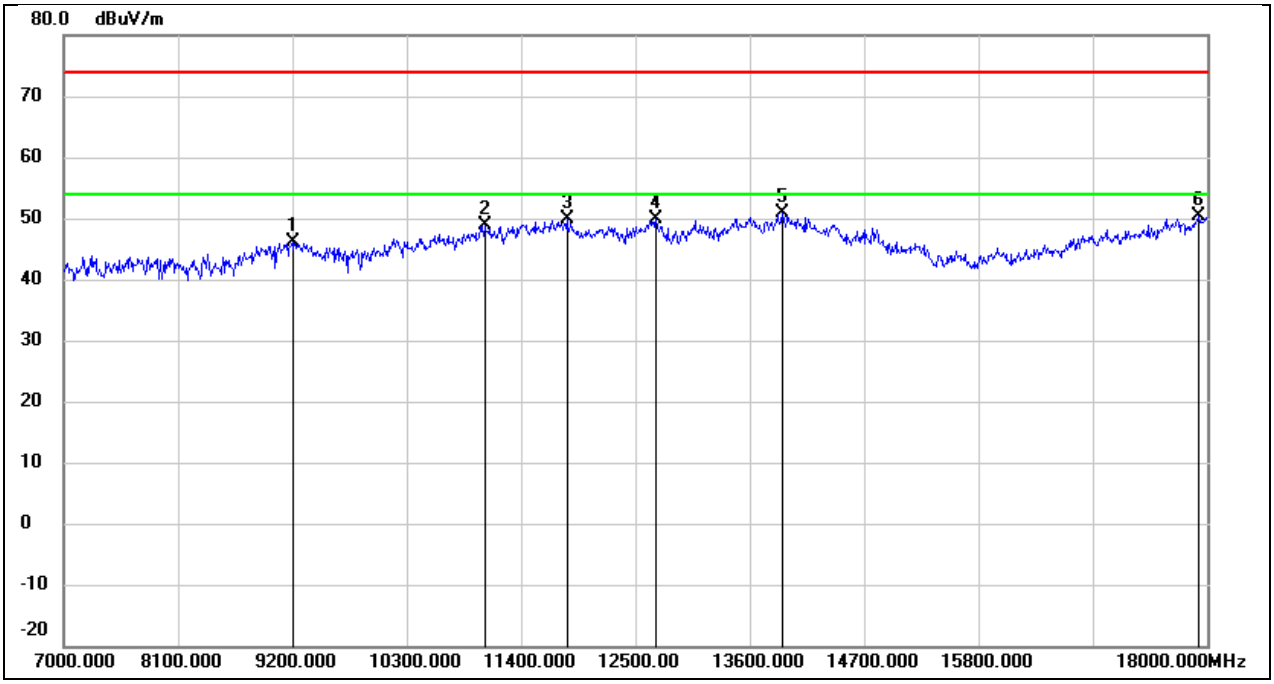
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9222.000	36.08	10.48	46.56	74.00	-27.44	peak
2	11048.000	34.84	14.91	49.75	74.00	-24.25	peak
3	11807.000	32.70	17.34	50.04	74.00	-23.96	peak
4	12621.000	31.90	17.98	49.88	74.00	-24.12	peak
5	13919.000	28.61	21.68	50.29	74.00	-23.71	peak
6	17835.000	25.61	24.99	50.60	74.00	-23.40	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



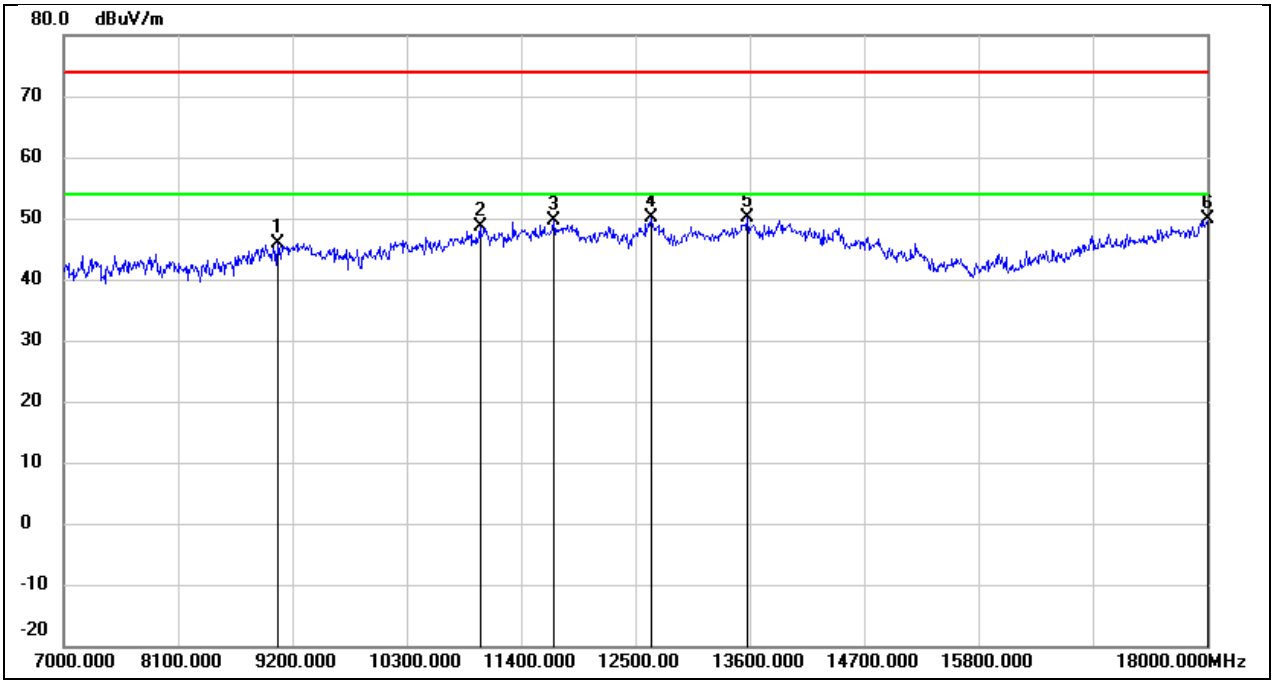
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7704.000	38.02	6.69	44.71	74.00	-29.29	peak
2	9332.000	37.45	10.54	47.99	74.00	-26.01	peak
3	11246.000	33.74	15.73	49.47	74.00	-24.53	peak
4	12610.000	30.89	17.97	48.86	74.00	-25.14	peak
5	13952.000	28.12	21.76	49.88	74.00	-24.12	peak
6	17989.000	24.07	26.04	50.11	74.00	-23.89	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



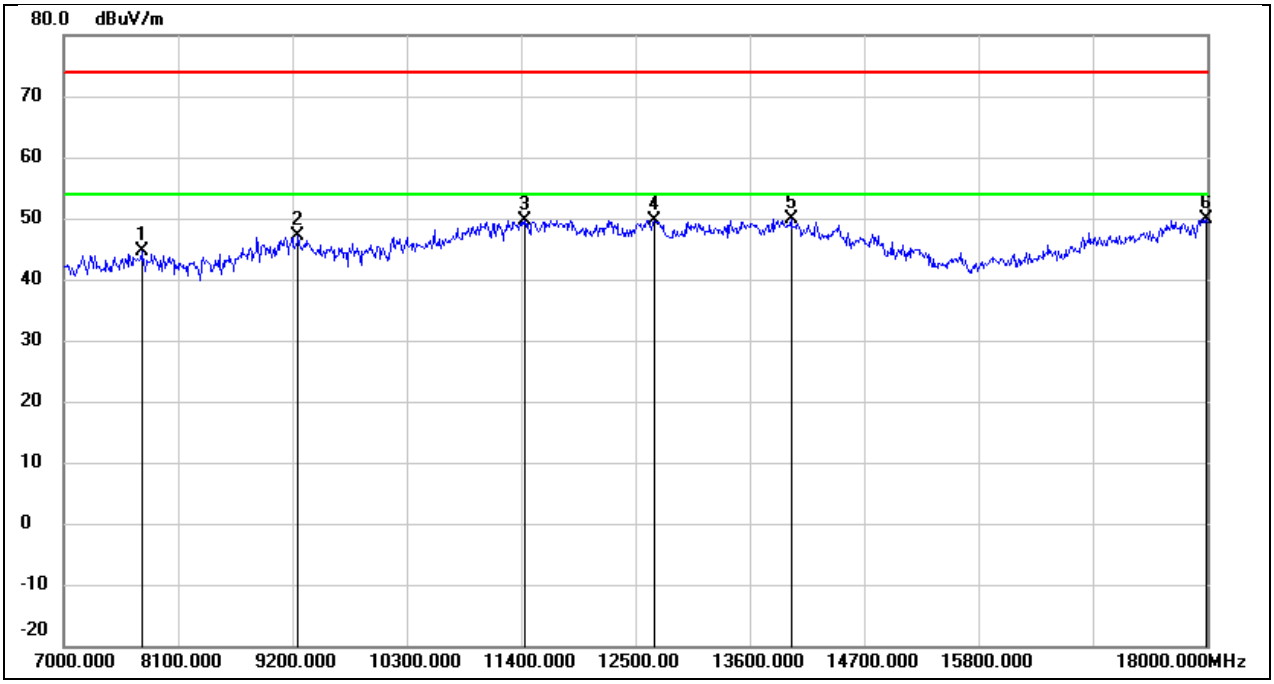
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9200.000	35.73	10.46	46.19	74.00	-27.81	peak
2	11048.000	33.87	14.91	48.78	74.00	-25.22	peak
3	11840.000	32.42	17.40	49.82	74.00	-24.18	peak
4	12698.000	31.85	18.08	49.93	74.00	-24.07	peak
5	13908.000	29.22	21.66	50.88	74.00	-23.12	peak
6	17923.000	24.81	25.60	50.41	74.00	-23.59	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



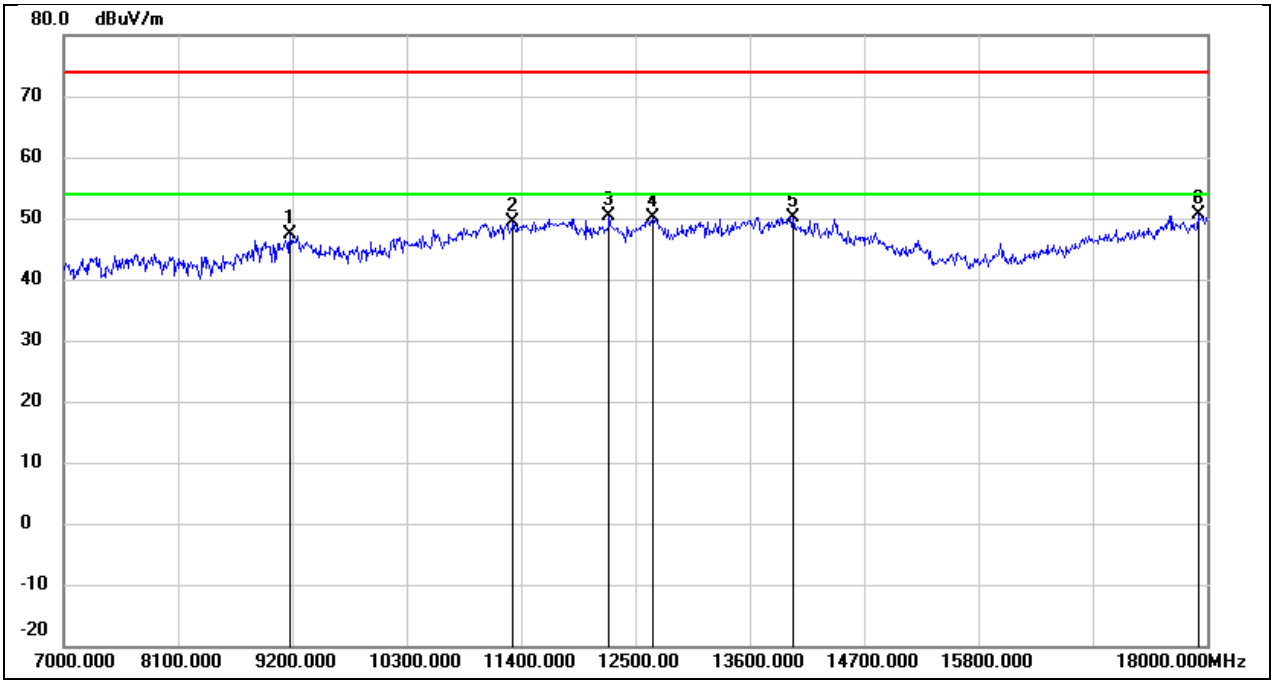
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9057.000	35.53	10.38	45.91	74.00	-28.09	peak
2	11004.000	33.78	14.74	48.52	74.00	-25.48	peak
3	11719.000	32.56	17.18	49.74	74.00	-24.26	peak
4	12654.000	32.19	18.01	50.20	74.00	-23.80	peak
5	13578.000	29.30	20.83	50.13	74.00	-23.87	peak
6	18000.000	23.76	26.12	49.88	74.00	-24.12	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



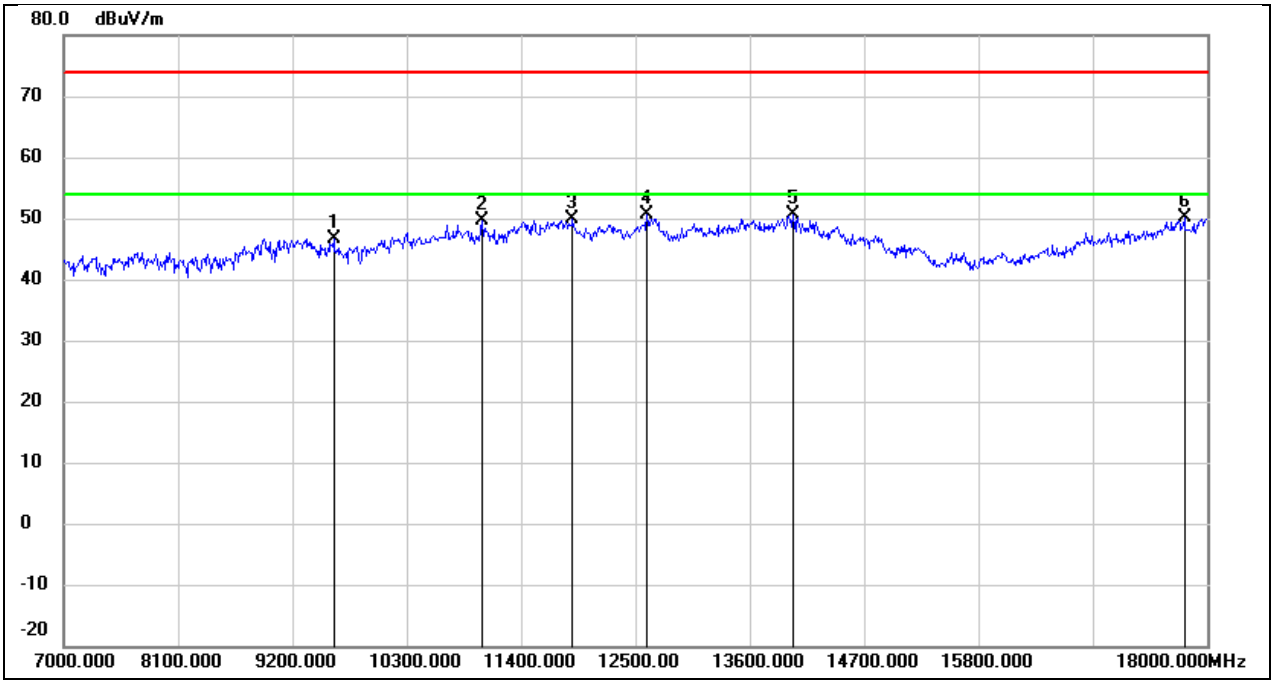
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7748.000	38.06	6.66	44.72	74.00	-29.28	peak
2	9255.000	36.56	10.51	47.07	74.00	-26.93	peak
3	11433.000	33.22	16.50	49.72	74.00	-24.28	peak
4	12687.000	31.56	18.05	49.61	74.00	-24.39	peak
5	13996.000	28.12	21.87	49.99	74.00	-24.01	peak
6	17989.000	23.92	26.04	49.96	74.00	-24.04	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



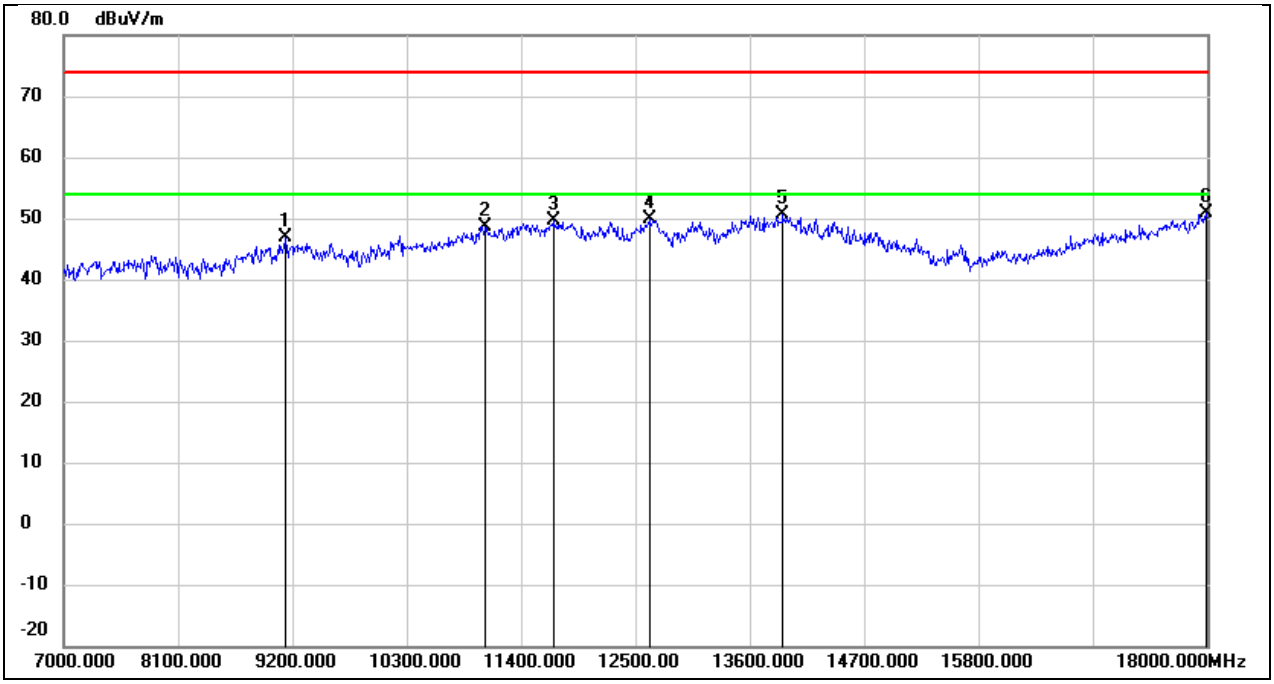
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9178.000	36.86	10.45	47.31	74.00	-26.69	peak
2	11323.000	33.39	16.05	49.44	74.00	-24.56	peak
3	12247.000	32.59	17.77	50.36	74.00	-23.64	peak
4	12665.000	32.05	18.04	50.09	74.00	-23.91	peak
5	14018.000	28.44	21.80	50.24	74.00	-23.76	peak
6	17912.000	25.03	25.52	50.55	74.00	-23.45	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5710
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



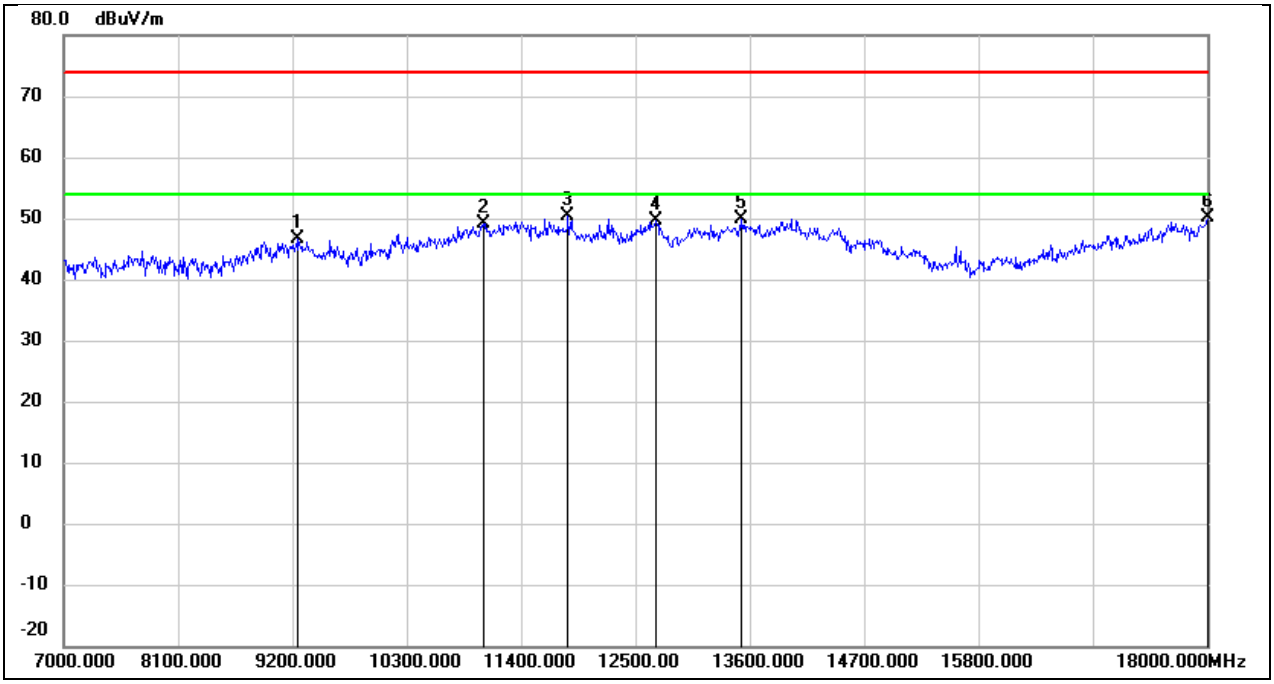
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9596.000	35.84	10.87	46.71	74.00	-27.29	peak
2	11026.000	34.83	14.82	49.65	74.00	-24.35	peak
3	11895.000	32.39	17.51	49.90	74.00	-24.10	peak
4	12610.000	32.60	17.97	50.57	74.00	-23.43	peak
5	14018.000	28.84	21.80	50.64	74.00	-23.36	peak
6	17780.000	25.55	24.61	50.16	74.00	-23.84	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5710
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



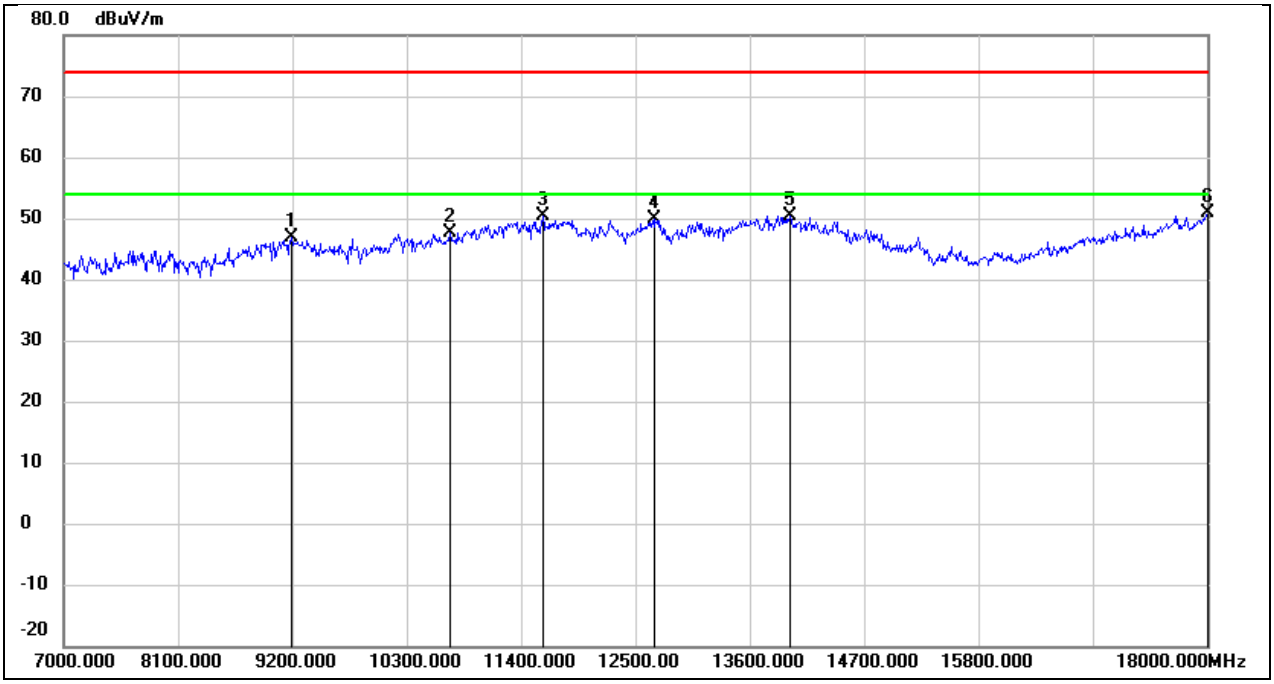
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.36	10.41	46.77	74.00	-27.23	peak
2	11059.000	33.67	14.96	48.63	74.00	-25.37	peak
3	11708.000	32.41	17.16	49.57	74.00	-24.43	peak
4	12643.000	31.75	18.01	49.76	74.00	-24.24	peak
5	13919.000	28.97	21.68	50.65	74.00	-23.35	peak
6	17989.000	24.74	26.04	50.78	74.00	-23.22	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



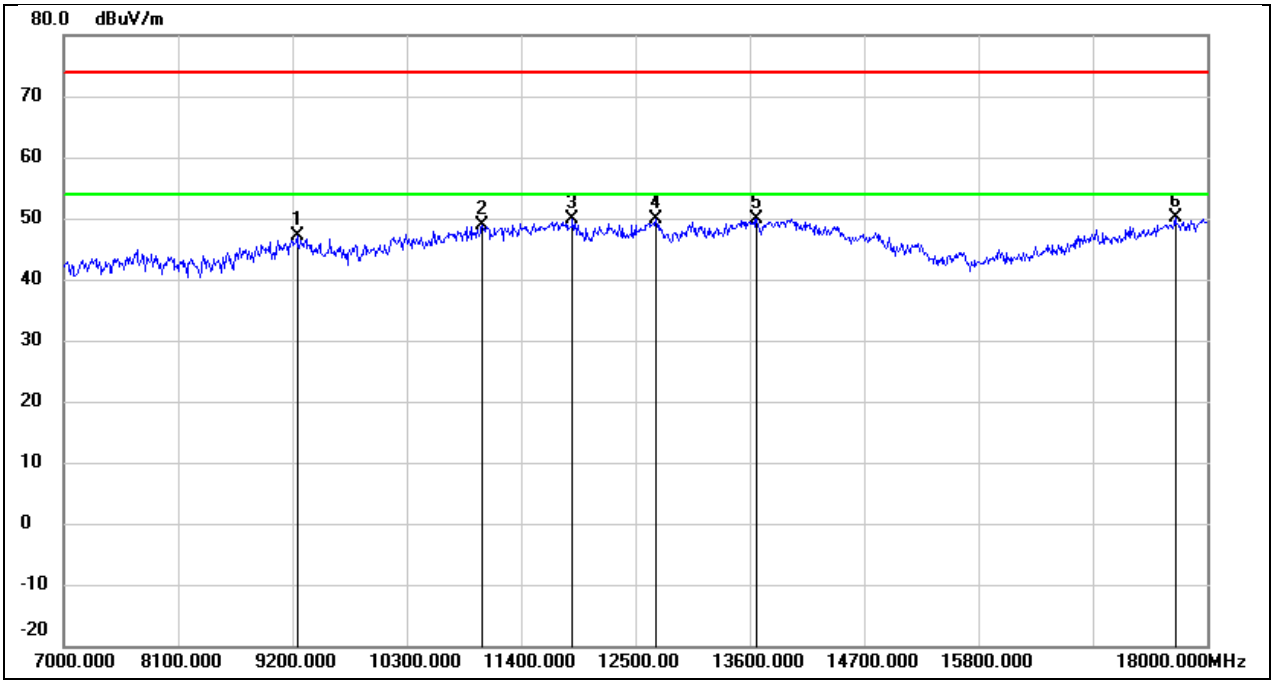
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	36.19	10.51	46.70	74.00	-27.30	peak
2	11037.000	34.30	14.87	49.17	74.00	-24.83	peak
3	11851.000	32.85	17.43	50.28	74.00	-23.72	peak
4	12698.000	31.64	18.08	49.72	74.00	-24.28	peak
5	13523.000	29.13	20.70	49.83	74.00	-24.17	peak
6	18000.000	24.01	26.12	50.13	74.00	-23.87	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



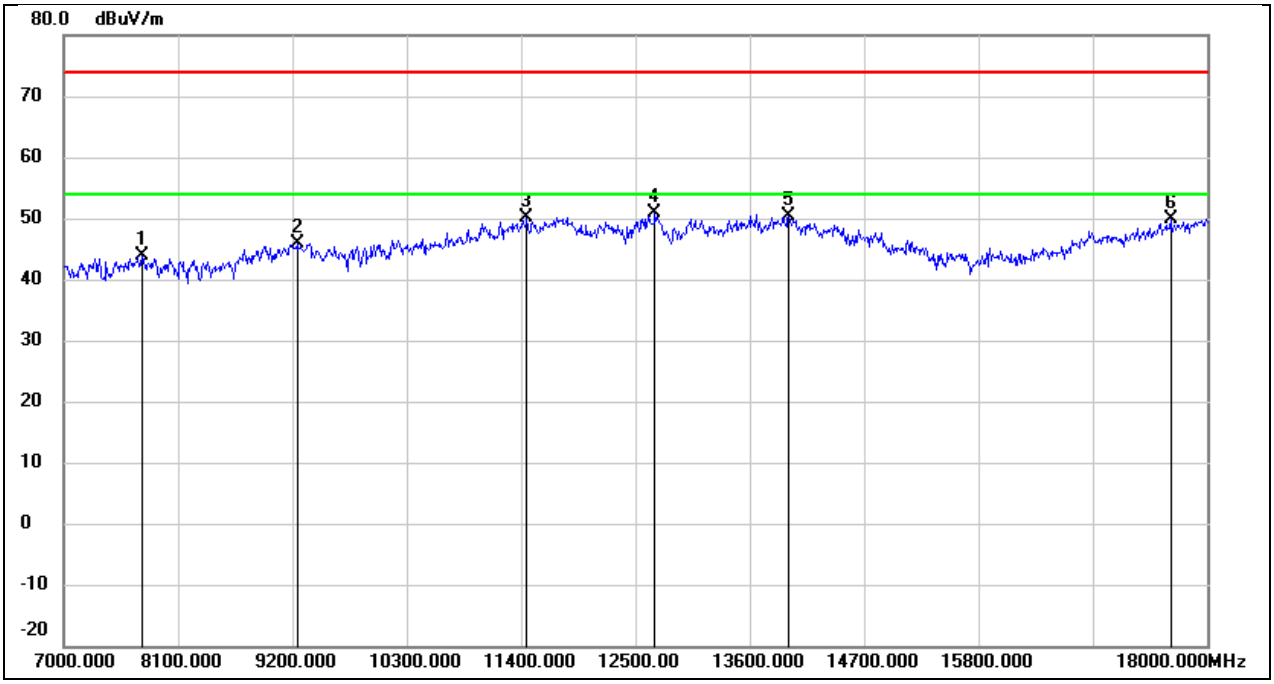
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	36.38	10.46	46.84	74.00	-27.16	peak
2	10718.000	33.89	13.66	47.55	74.00	-26.45	peak
3	11609.000	33.29	16.98	50.27	74.00	-23.73	peak
4	12687.000	31.75	18.05	49.80	74.00	-24.20	peak
5	13985.000	28.58	21.85	50.43	74.00	-23.57	peak
6	18000.000	24.71	26.12	50.83	74.00	-23.17	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



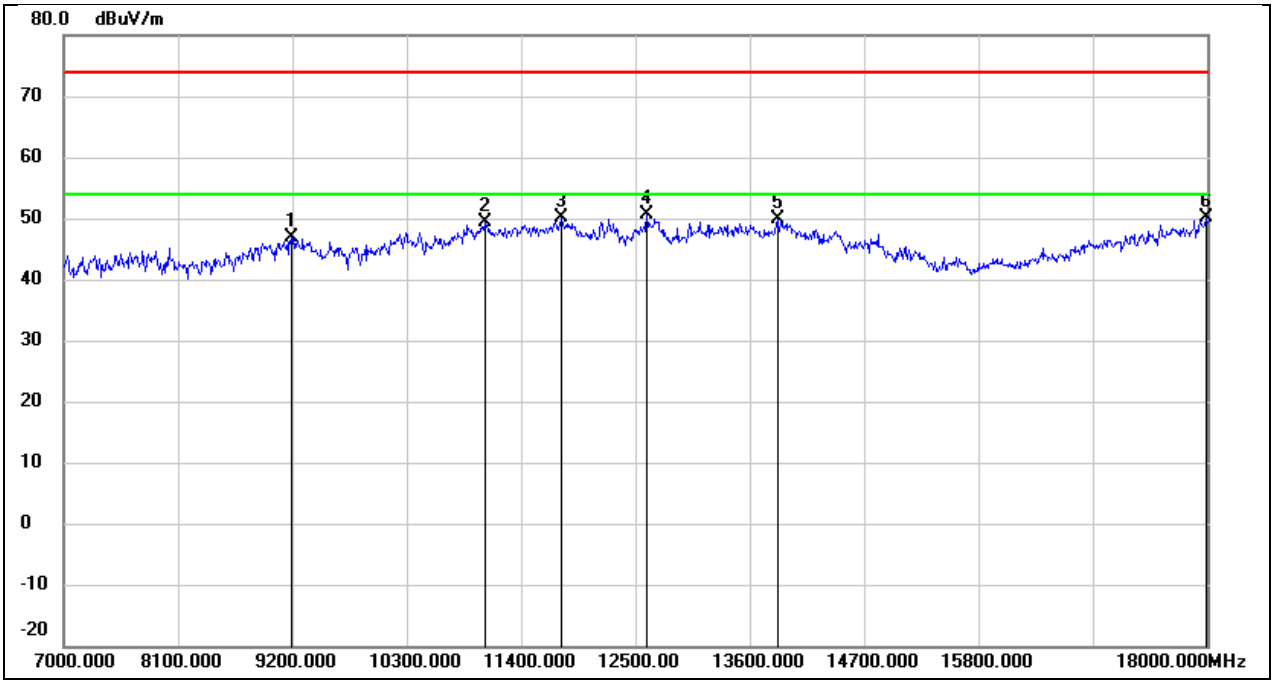
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	36.74	10.49	47.23	74.00	-26.77	peak
2	11026.000	34.03	14.82	48.85	74.00	-25.15	peak
3	11895.000	32.45	17.51	49.96	74.00	-24.04	peak
4	12698.000	31.92	18.08	50.00	74.00	-24.00	peak
5	13666.000	28.79	21.05	49.84	74.00	-24.16	peak
6	17692.000	26.10	24.01	50.11	74.00	-23.89	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



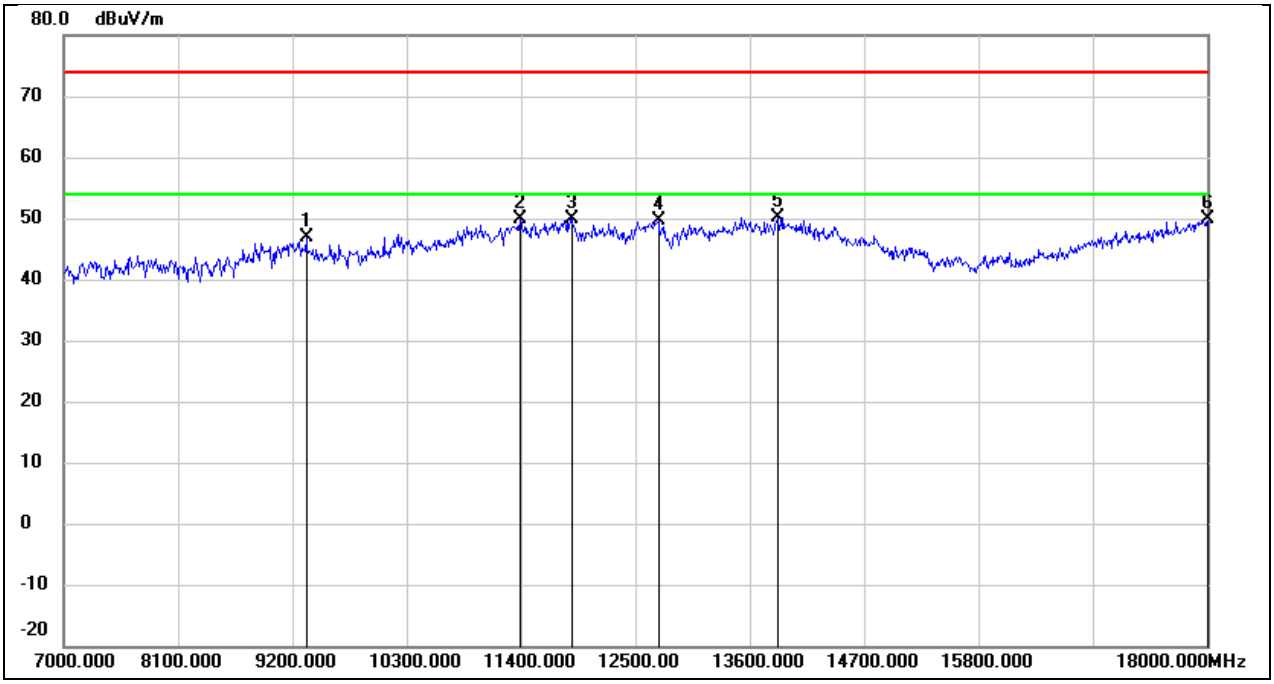
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7748.000	37.17	6.66	43.83	74.00	-30.17	peak
2	9244.000	35.39	10.49	45.88	74.00	-28.12	peak
3	11455.000	33.60	16.58	50.18	74.00	-23.82	peak
4	12687.000	32.74	18.05	50.79	74.00	-23.21	peak
5	13974.000	28.50	21.82	50.32	74.00	-23.68	peak
6	17648.000	26.14	23.72	49.86	74.00	-24.14	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



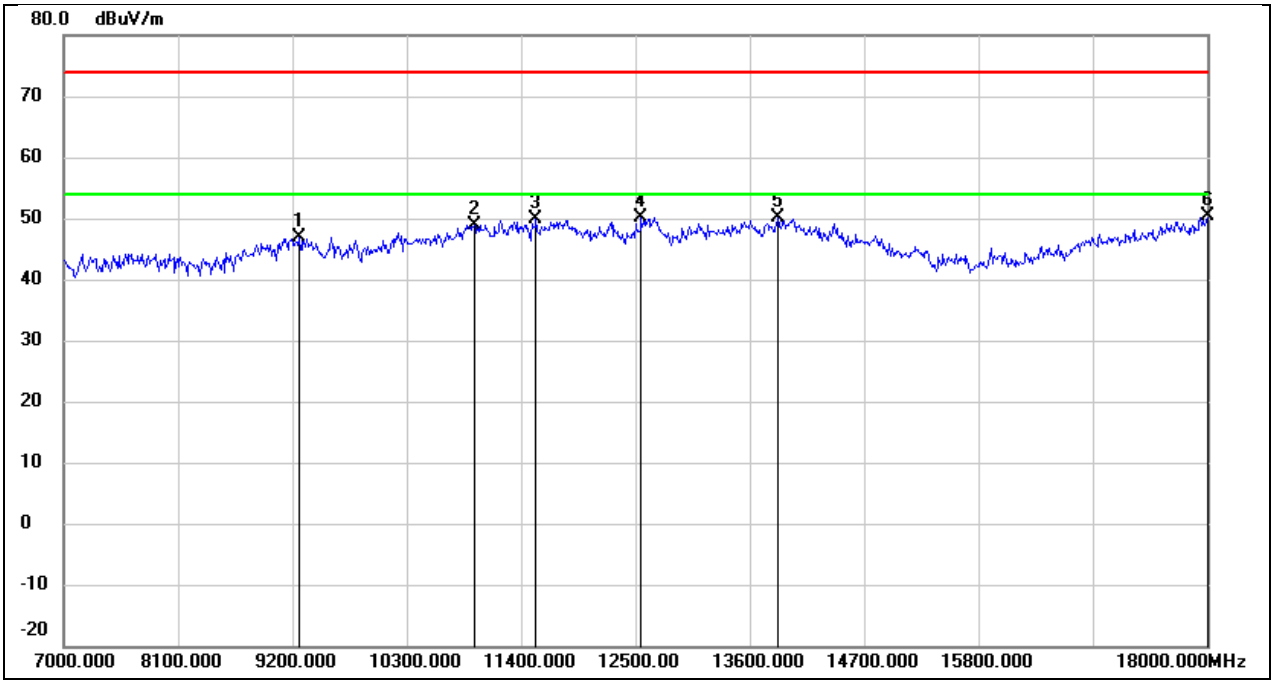
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	36.36	10.46	46.82	74.00	-27.18	peak
2	11048.000	34.35	14.91	49.26	74.00	-24.74	peak
3	11785.000	32.78	17.30	50.08	74.00	-23.92	peak
4	12610.000	32.64	17.97	50.61	74.00	-23.39	peak
5	13864.000	28.40	21.53	49.93	74.00	-24.07	peak
6	17989.000	23.97	26.04	50.01	74.00	-23.99	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



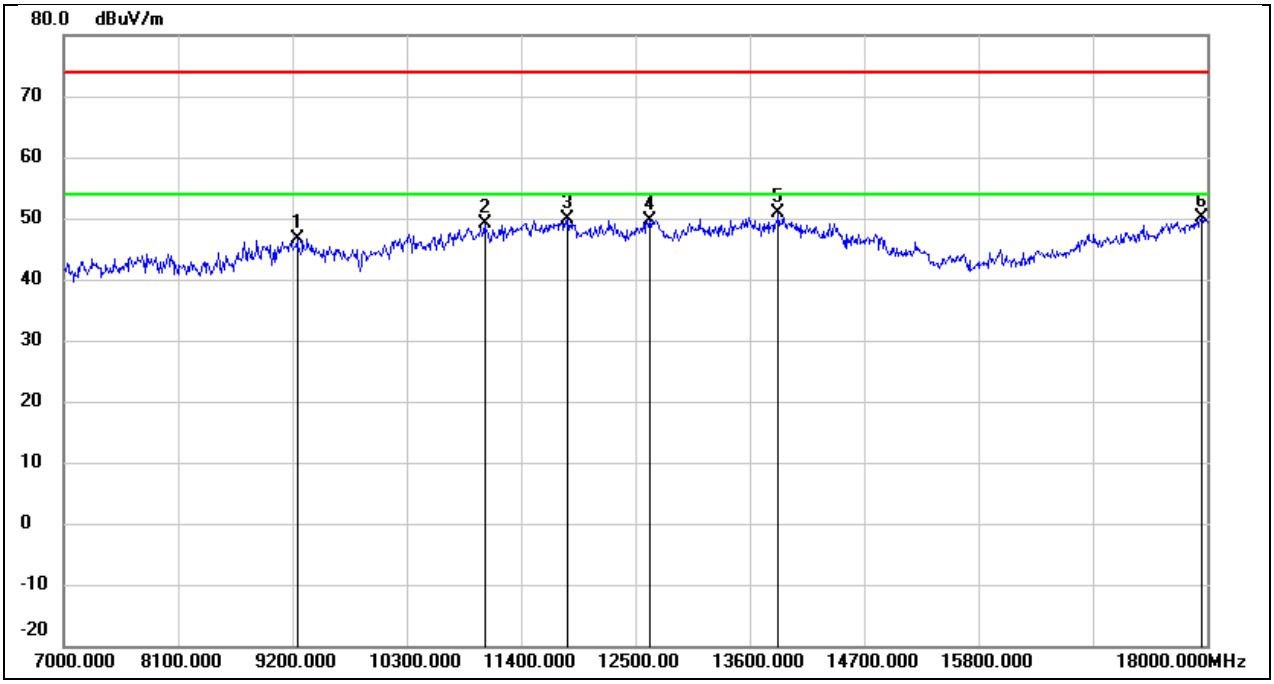
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9332.000	36.28	10.54	46.82	74.00	-27.18	peak
2	11389.000	33.63	16.31	49.94	74.00	-24.06	peak
3	11884.000	32.30	17.48	49.78	74.00	-24.22	peak
4	12720.000	31.48	18.09	49.57	74.00	-24.43	peak
5	13875.000	28.52	21.57	50.09	74.00	-23.91	peak
6	18000.000	23.84	26.12	49.96	74.00	-24.04	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5290
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



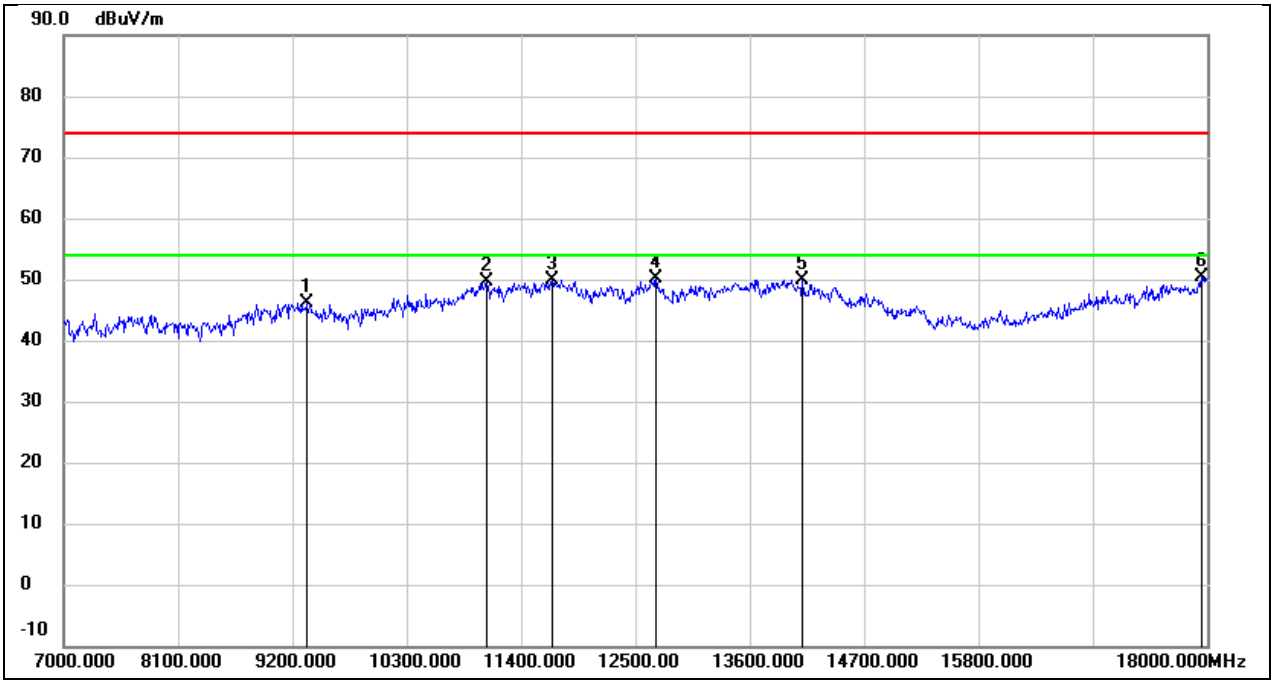
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	36.36	10.51	46.87	74.00	-27.13	peak
2	10949.000	34.47	14.52	48.99	74.00	-25.01	peak
3	11543.000	32.93	16.84	49.77	74.00	-24.23	peak
4	12555.000	32.24	17.90	50.14	74.00	-23.86	peak
5	13875.000	28.47	21.57	50.04	74.00	-23.96	peak
6	18000.000	24.29	26.12	50.41	74.00	-23.59	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5290
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



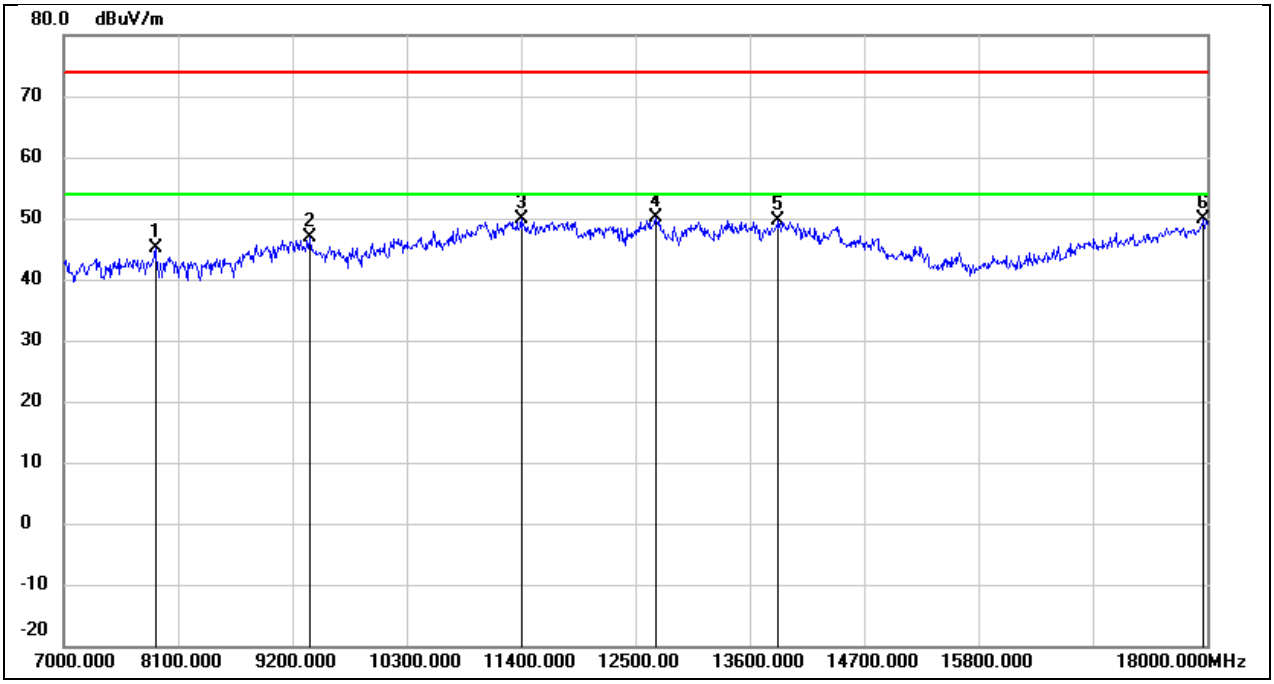
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	36.21	10.49	46.70	74.00	-27.30	peak
2	11048.000	34.16	14.91	49.07	74.00	-24.93	peak
3	11851.000	32.53	17.43	49.96	74.00	-24.04	peak
4	12632.000	31.73	17.99	49.72	74.00	-24.28	peak
5	13875.000	29.34	21.57	50.91	74.00	-23.09	peak
6	17945.000	24.47	25.75	50.22	74.00	-23.78	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5530
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



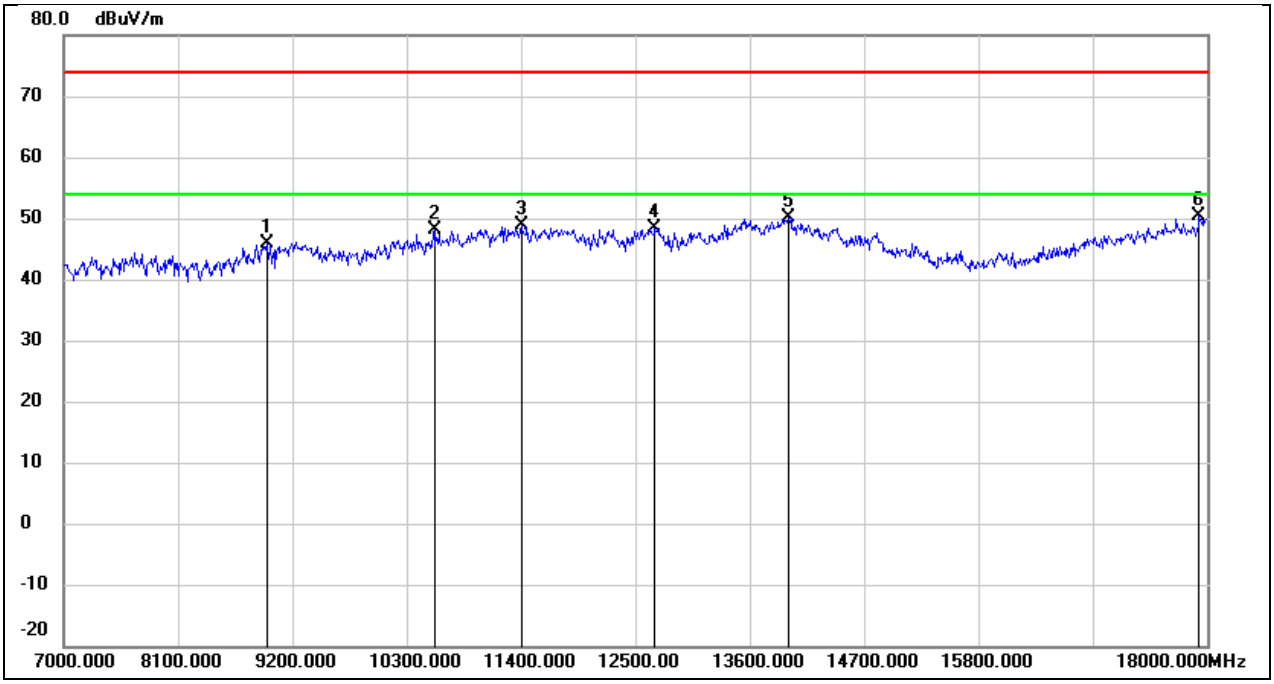
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9343.000	35.59	10.55	46.14	74.00	-27.86	peak
2	11070.000	34.58	15.01	49.59	74.00	-24.41	peak
3	11697.000	32.84	17.13	49.97	74.00	-24.03	peak
4	12698.000	32.05	18.08	50.13	74.00	-23.87	peak
5	14106.000	28.52	21.43	49.95	74.00	-24.05	peak
6	17945.000	24.70	25.75	50.45	74.00	-23.55	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5530
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



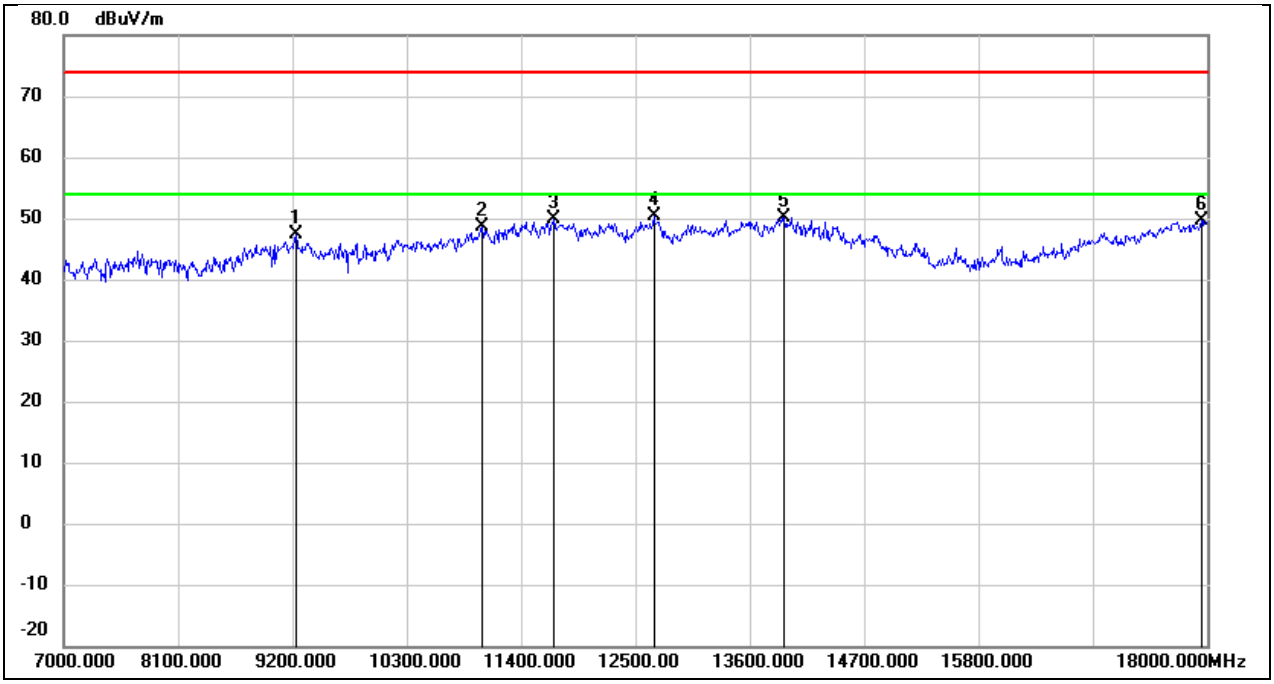
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	38.69	6.54	45.23	74.00	-28.77	peak
2	9365.000	36.37	10.57	46.94	74.00	-27.06	peak
3	11400.000	33.46	16.36	49.82	74.00	-24.18	peak
4	12698.000	32.01	18.08	50.09	74.00	-23.91	peak
5	13875.000	28.13	21.57	49.70	74.00	-24.30	peak
6	17967.000	23.94	25.89	49.83	74.00	-24.17	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5610
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



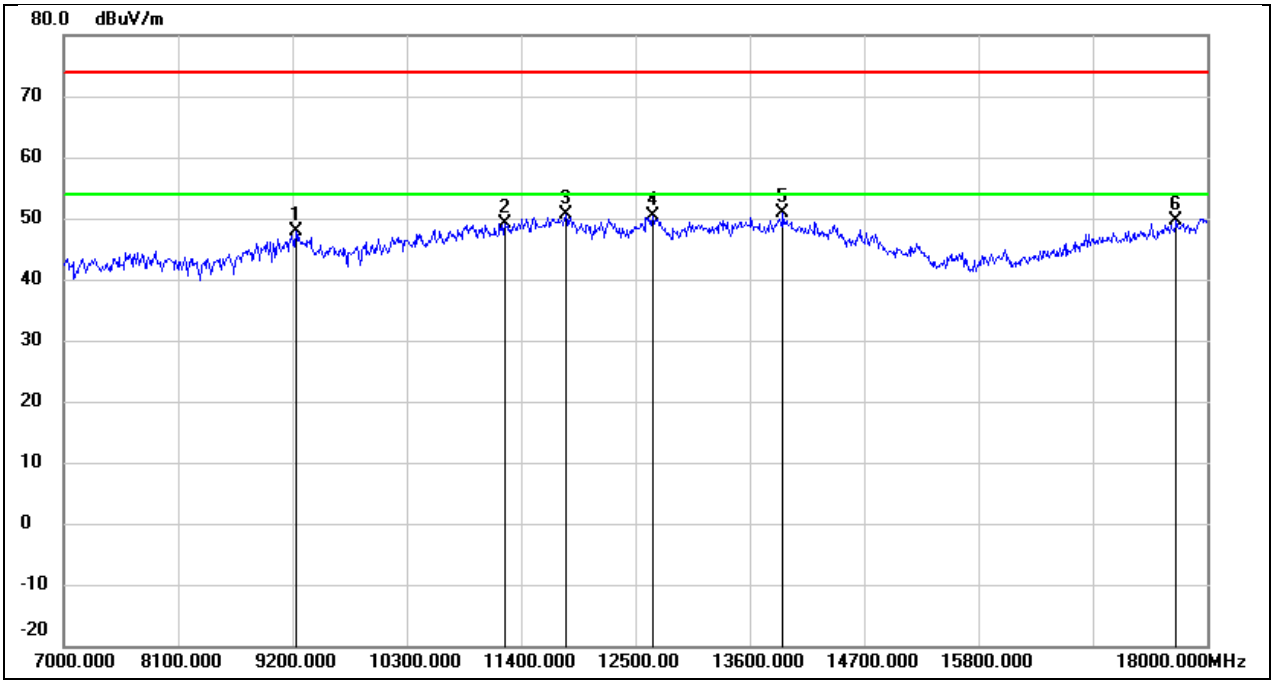
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	35.71	10.05	45.76	74.00	-28.24	peak
2	10564.000	35.12	13.06	48.18	74.00	-25.82	peak
3	11400.000	32.50	16.36	48.86	74.00	-25.14	peak
4	12687.000	30.42	18.05	48.47	74.00	-25.53	peak
5	13974.000	28.29	21.82	50.11	74.00	-23.89	peak
6	17923.000	24.89	25.60	50.49	74.00	-23.51	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5610
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



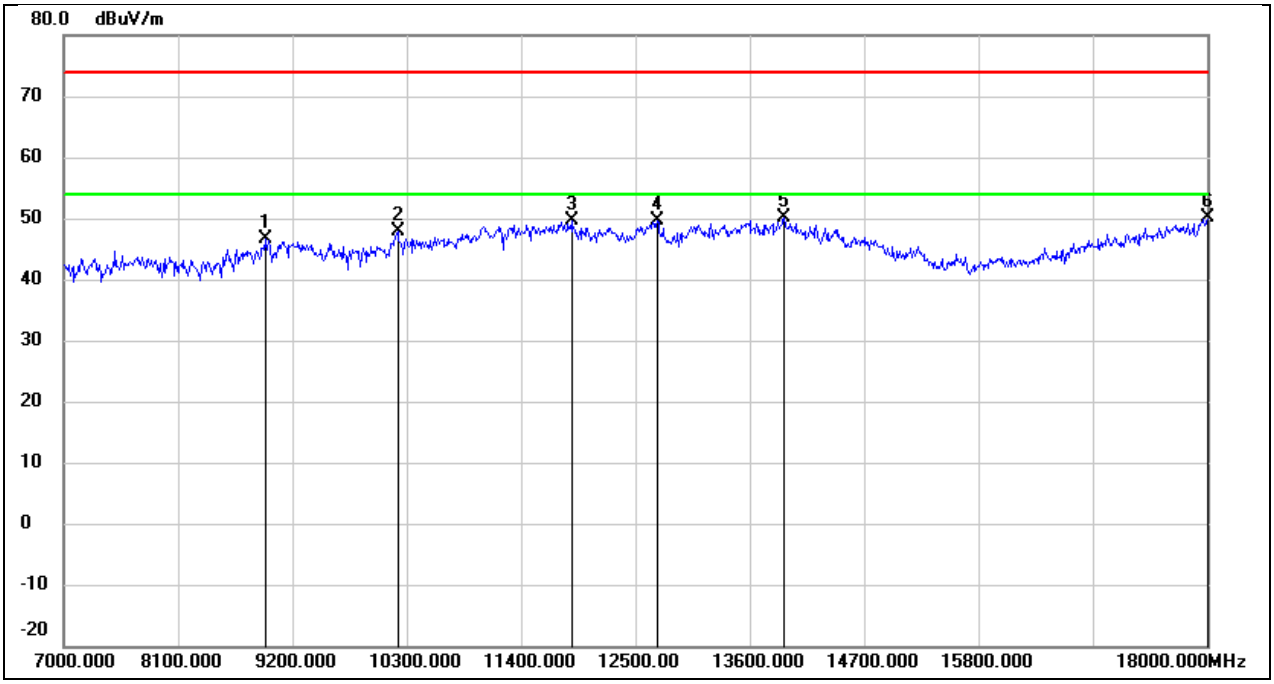
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	36.79	10.48	47.27	74.00	-26.73	peak
2	11026.000	33.87	14.82	48.69	74.00	-25.31	peak
3	11719.000	32.78	17.18	49.96	74.00	-24.04	peak
4	12676.000	32.35	18.05	50.40	74.00	-23.60	peak
5	13930.000	28.49	21.71	50.20	74.00	-23.80	peak
6	17945.000	23.97	25.75	49.72	74.00	-24.28	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5690
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



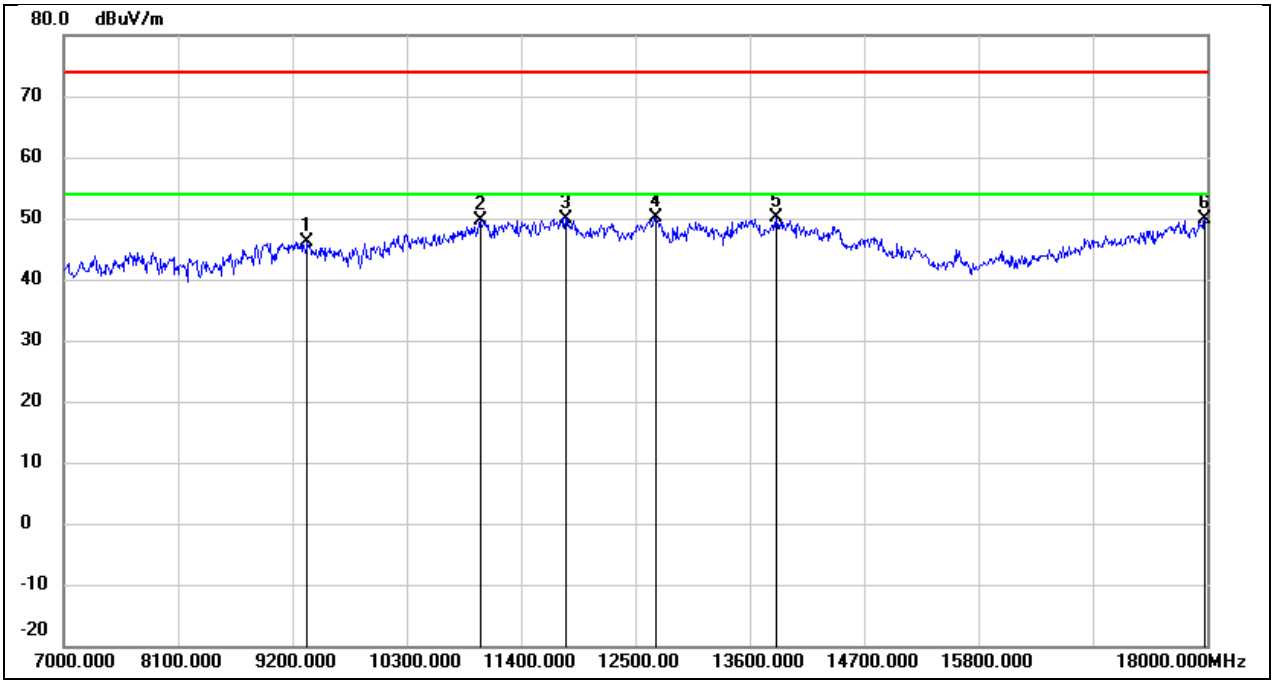
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	37.37	10.48	47.85	74.00	-26.15	peak
2	11246.000	33.43	15.73	49.16	74.00	-24.84	peak
3	11829.000	33.18	17.38	50.56	74.00	-23.44	peak
4	12665.000	32.42	18.04	50.46	74.00	-23.54	peak
5	13919.000	29.11	21.68	50.79	74.00	-23.21	peak
6	17703.000	25.45	24.09	49.54	74.00	-24.46	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5690
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



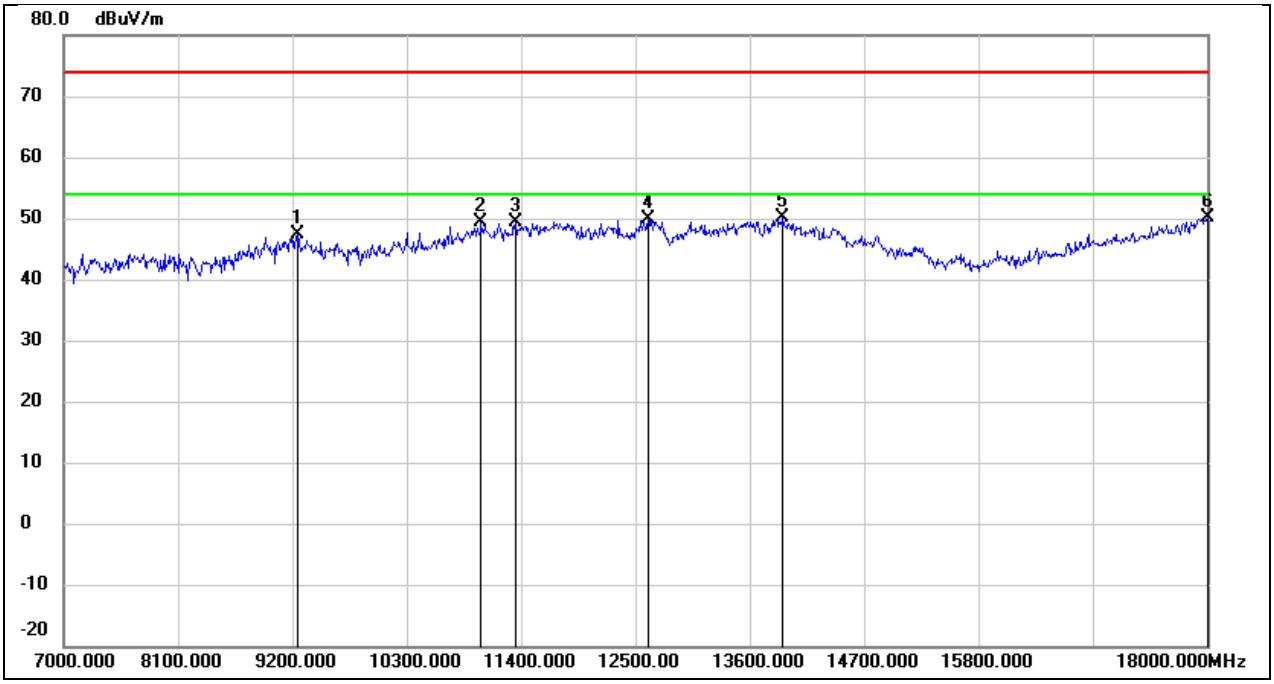
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	36.75	9.90	46.65	74.00	-27.35	peak
2	10212.000	35.73	12.21	47.94	74.00	-26.06	peak
3	11884.000	32.04	17.48	49.52	74.00	-24.48	peak
4	12709.000	31.52	18.09	49.61	74.00	-24.39	peak
5	13930.000	28.44	21.71	50.15	74.00	-23.85	peak
6	18000.000	23.90	26.12	50.02	74.00	-23.98	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9343.000	35.54	10.55	46.09	74.00	-27.91	peak
2	11004.000	35.01	14.74	49.75	74.00	-24.25	peak
3	11829.000	32.62	17.38	50.00	74.00	-24.00	peak
4	12698.000	32.09	18.08	50.17	74.00	-23.83	peak
5	13853.000	28.70	21.52	50.22	74.00	-23.78	peak
6	17978.000	23.92	25.97	49.89	74.00	-24.11	peak

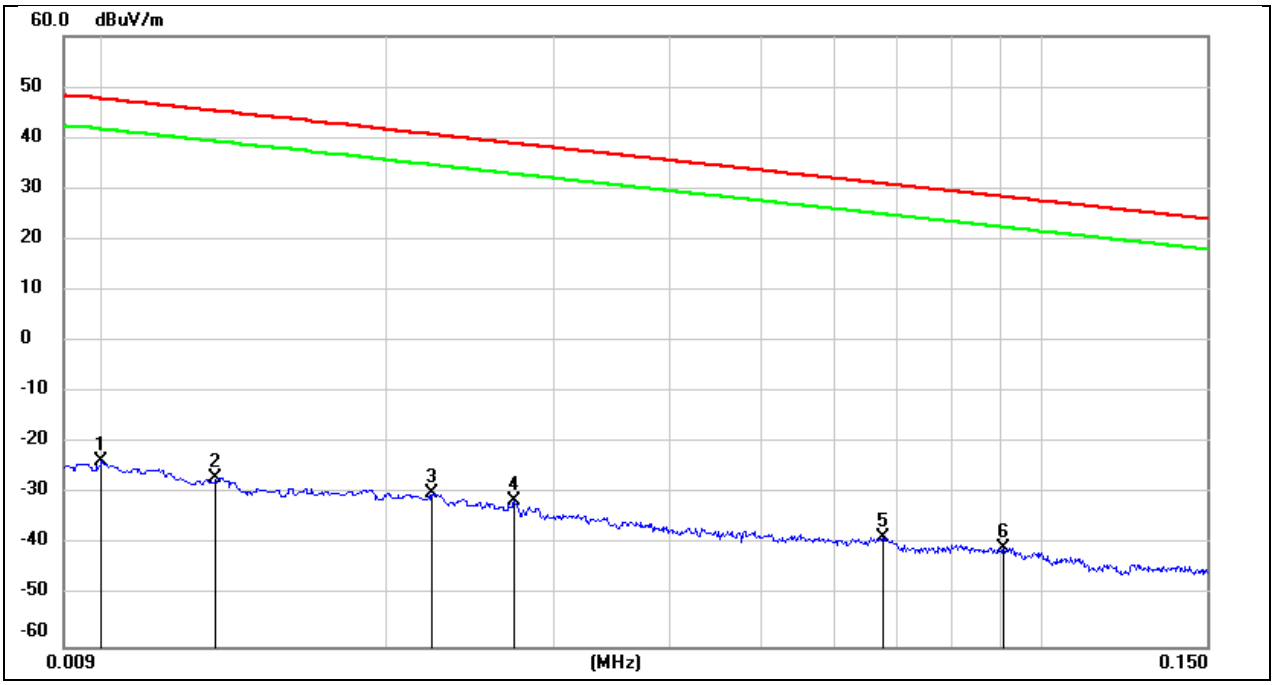
Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	36.90	10.51	47.41	74.00	-26.59	peak
2	11015.000	34.53	14.79	49.32	74.00	-24.68	peak
3	11345.000	33.24	16.14	49.38	74.00	-24.62	peak
4	12621.000	31.95	17.98	49.93	74.00	-24.07	peak
5	13919.000	28.50	21.68	50.18	74.00	-23.82	peak
6	18000.000	24.12	26.12	50.24	74.00	-23.76	peak

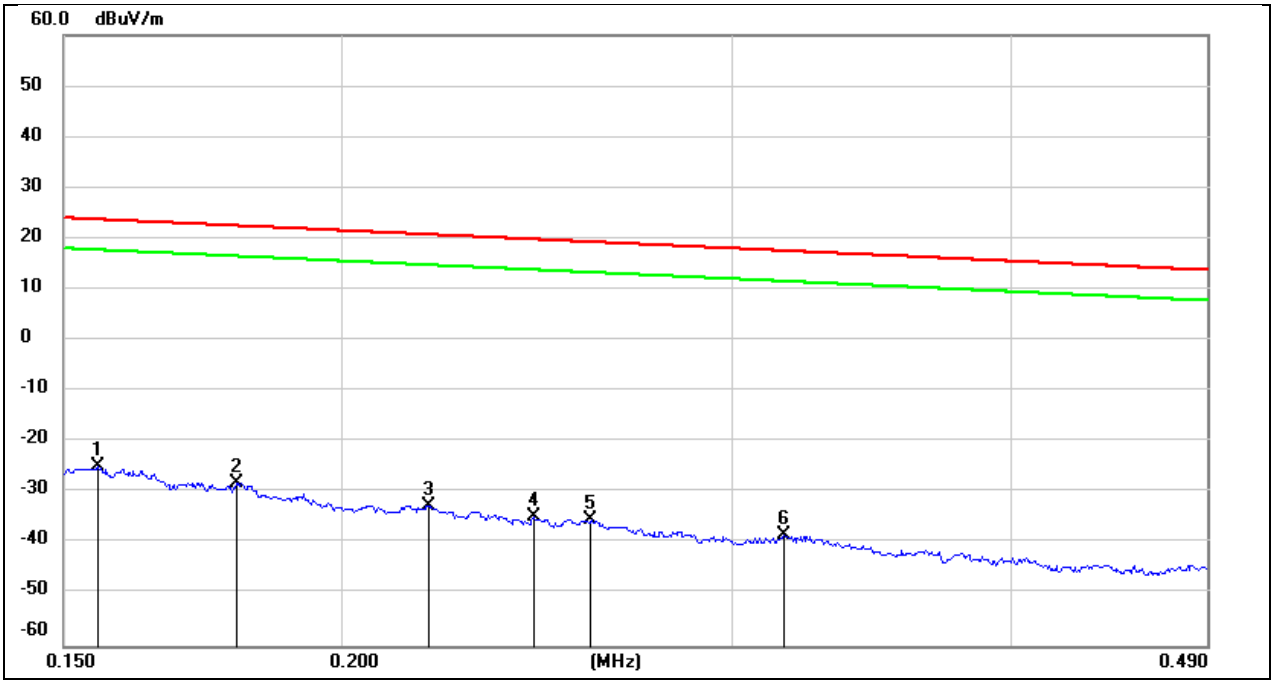
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120 V, 50HZ



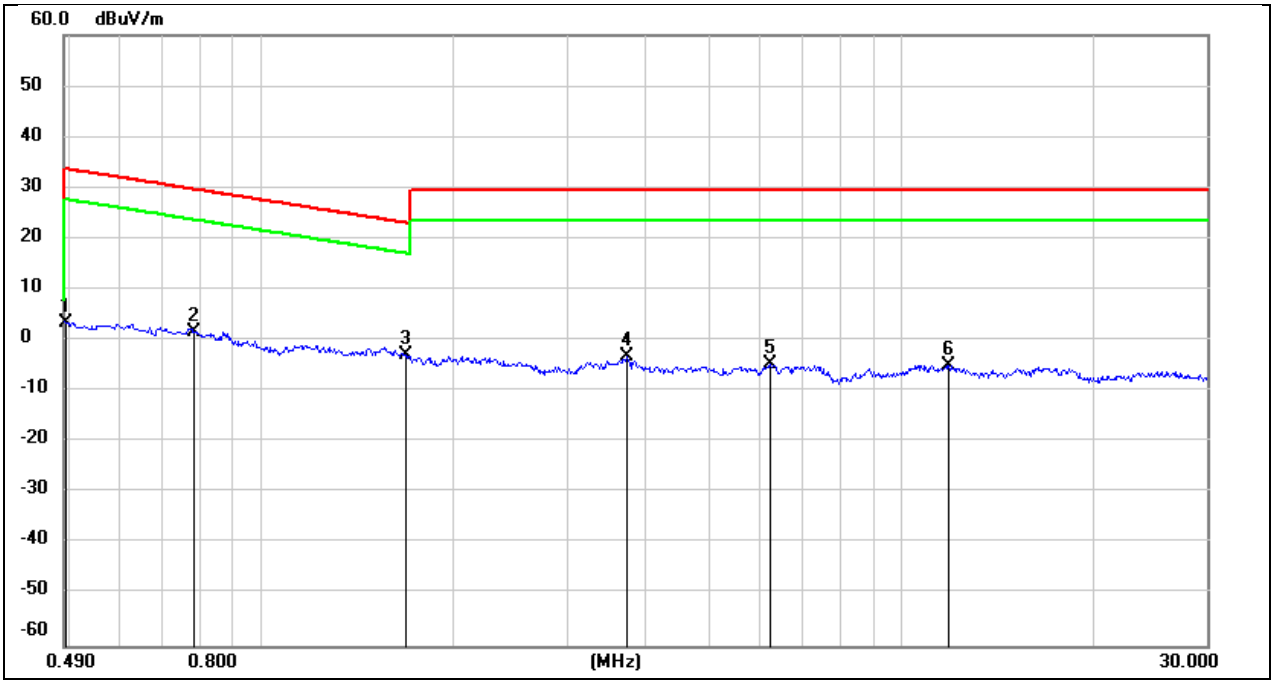
No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.01	77.72	-101.4	-23.68	47.6	-75.18	-3.9	-71.28	peak
2	0.0131	74.47	-101.38	-26.91	45.25	-78.41	-6.25	-72.16	peak
3	0.0223	71.36	-101.35	-29.99	40.63	-81.49	-10.87	-70.62	peak
4	0.0273	69.99	-101.38	-31.39	38.88	-82.89	-12.62	-70.27	peak
5	0.0675	63.14	-101.56	-38.42	31.02	-89.92	-20.48	-69.44	peak
6	0.0911	61.11	-101.72	-40.61	28.41	-92.11	-23.09	-69.02	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120 V, 50HZ



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.1554	76.77	-101.65	-24.88	23.77	-76.38	-27.73	-48.65	peak
2	0.1794	73.77	-101.68	-27.91	22.53	-79.41	-28.97	-50.44	peak
3	0.219	69.27	-101.75	-32.48	20.79	-83.98	-30.71	-53.27	peak
4	0.2442	67.03	-101.79	-34.76	19.85	-86.26	-31.65	-54.61	peak
5	0.259	66.45	-101.81	-35.36	19.34	-86.86	-32.16	-54.7	peak
6	0.3163	63.7	-101.87	-38.17	17.6	-89.67	-33.9	-55.77	peak

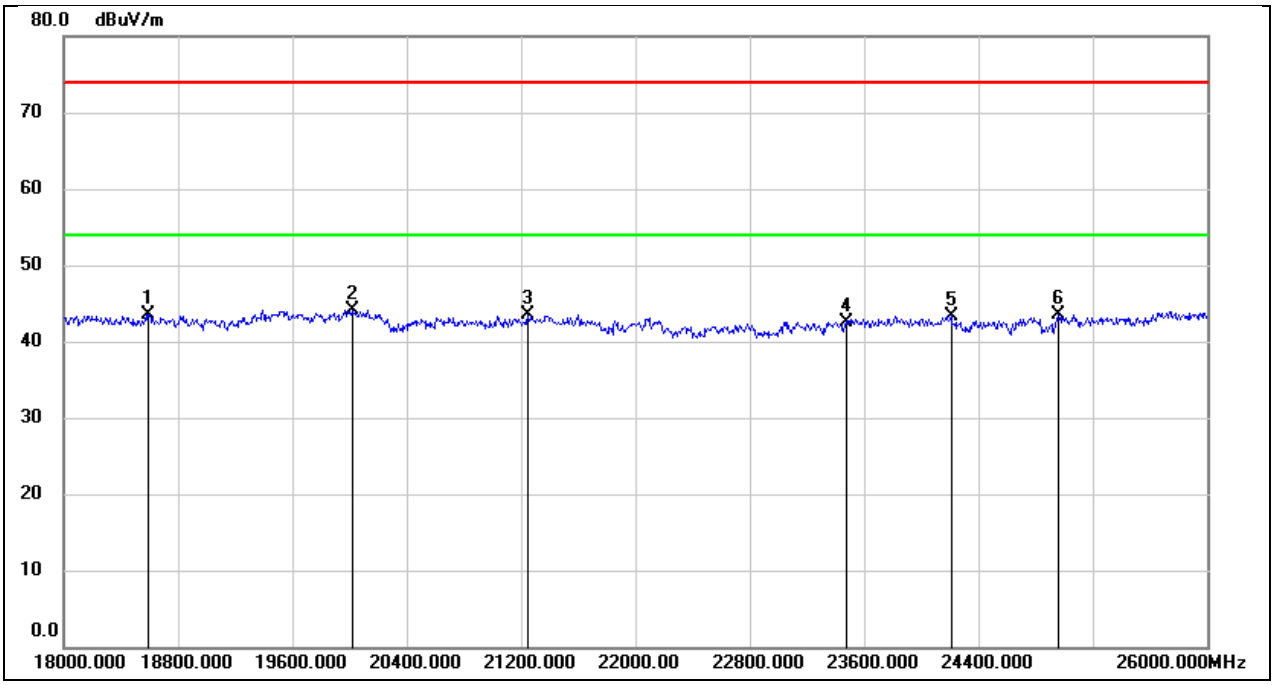
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120 V, 50HZ



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.4939	65.64	-62.06	3.58	33.73	-47.92	-17.77	-30.15	peak
2	0.7851	63.9	-62.14	1.76	29.7	-49.74	-21.8	-27.94	peak
3	1.6768	59.11	-61.97	-2.86	23.11	-54.36	-28.39	-25.97	peak
4	3.71	58.2	-61.41	-3.21	29.54	-54.71	-21.96	-32.75	peak
5	6.2445	56.63	-61.32	-4.69	29.54	-56.19	-21.96	-34.23	peak
6	11.8513	56.06	-60.88	-4.82	29.54	-56.32	-21.96	-34.36	peak

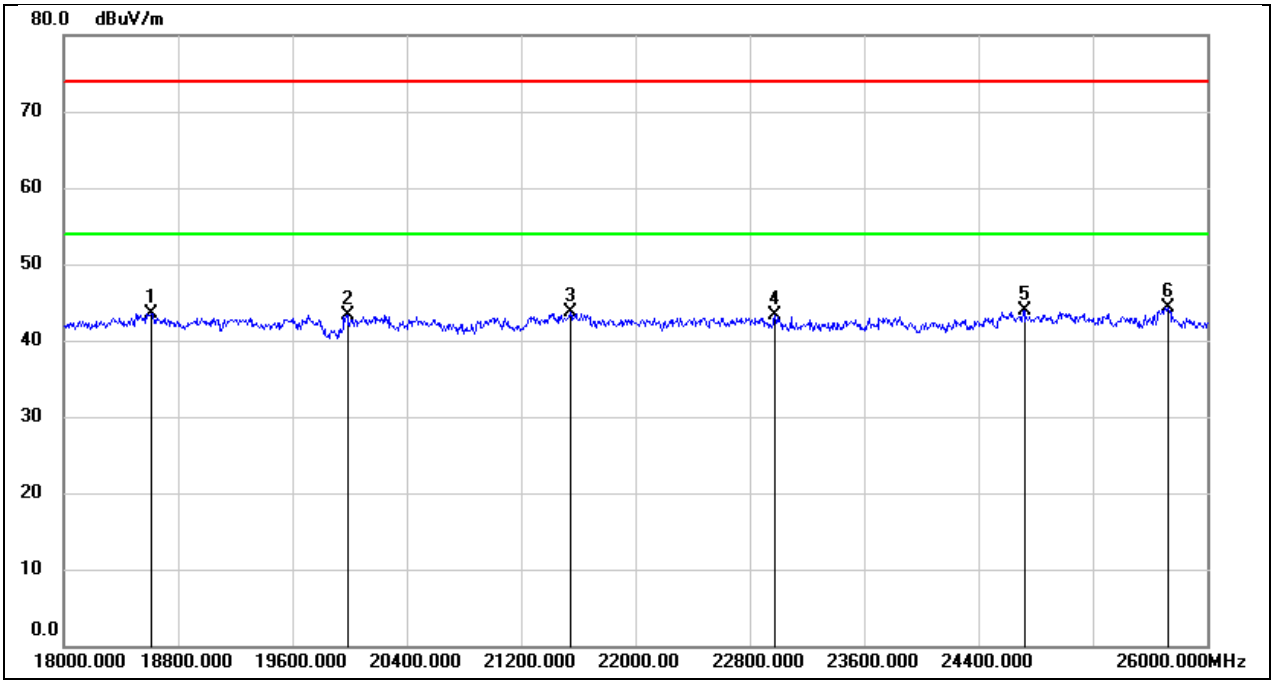
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120 V, 50HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18592.000	48.75	-5.31	43.44	74.00	-30.56	peak
2	20016.000	49.56	-5.47	44.09	74.00	-29.91	peak
3	21248.000	48.29	-4.77	43.52	74.00	-30.48	peak
4	23472.000	45.77	-3.17	42.60	74.00	-31.40	peak
5	24208.000	46.21	-2.81	43.40	74.00	-30.60	peak
6	24960.000	45.64	-2.14	43.50	74.00	-30.50	peak

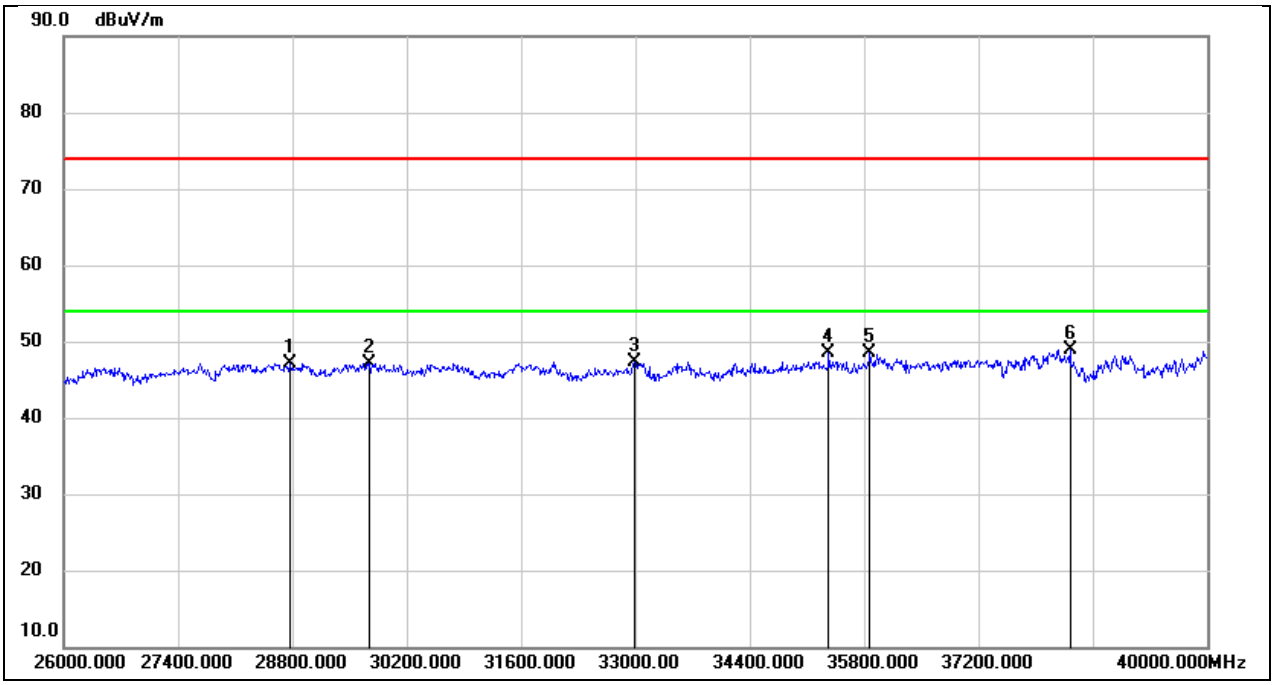
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC 120 V, 50HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18616.000	48.89	-5.34	43.55	74.00	-30.45	peak
2	19984.000	48.71	-5.44	43.27	74.00	-30.73	peak
3	21544.000	48.26	-4.63	43.63	74.00	-30.37	peak
4	22976.000	46.76	-3.46	43.30	74.00	-30.70	peak
5	24720.000	46.22	-2.33	43.89	74.00	-30.11	peak
6	25728.000	45.11	-0.72	44.39	74.00	-29.61	peak

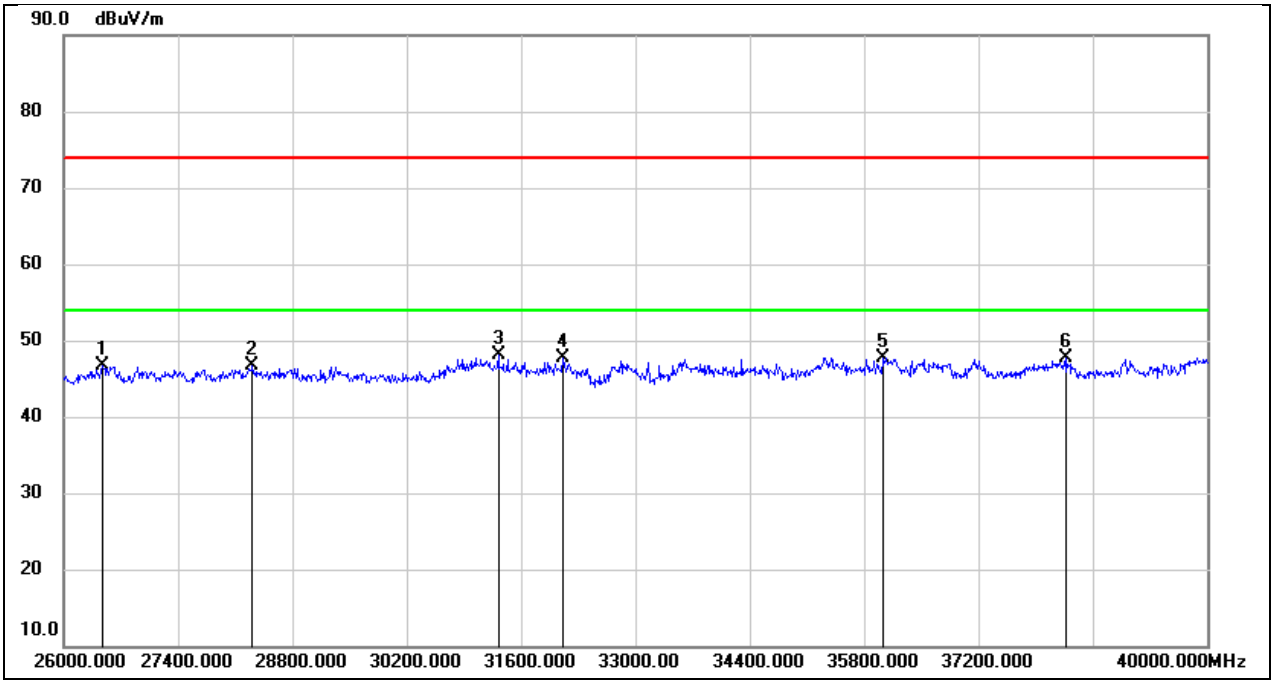
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120 V, 50HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28772.000	47.67	-0.59	47.08	74.00	-26.92	peak
2	29738.000	48.89	-1.70	47.19	74.00	-26.81	peak
3	32986.000	47.99	-0.69	47.30	74.00	-26.70	peak
4	35366.000	45.90	2.59	48.49	74.00	-25.51	peak
5	35870.000	44.83	3.75	48.58	74.00	-25.42	peak
6	38320.000	45.06	3.77	48.83	74.00	-25.17	peak

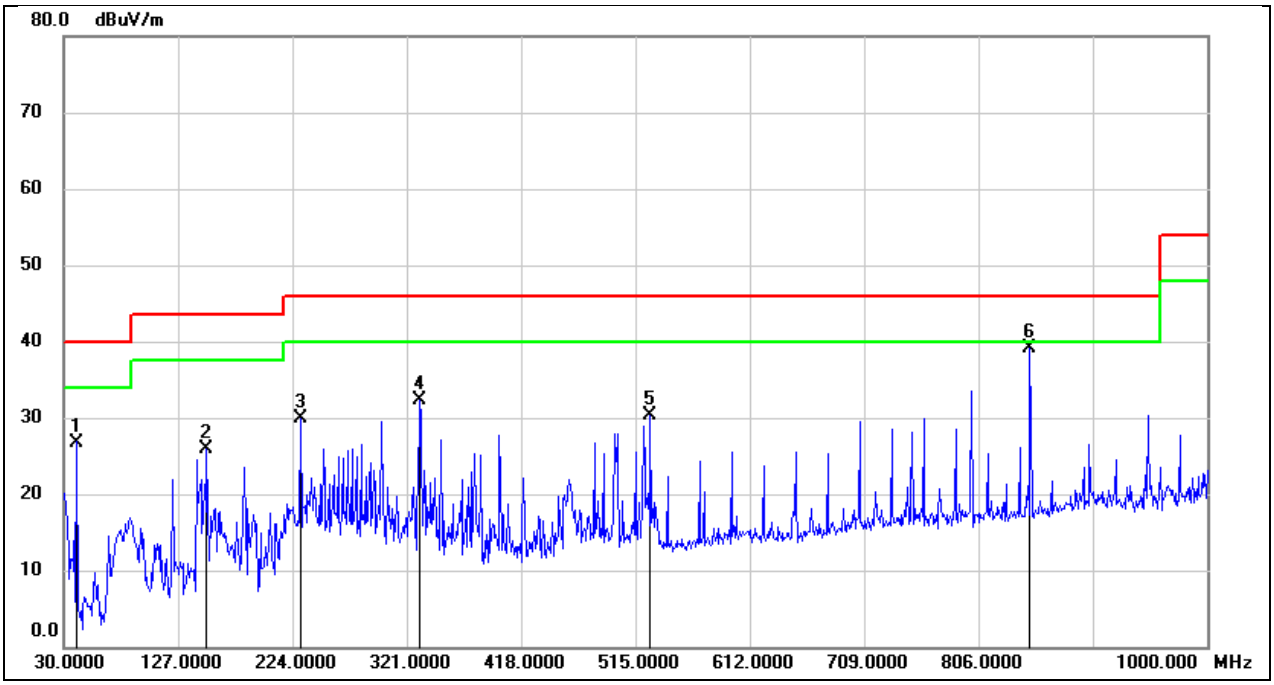
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC 120 V, 50HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	51.53	-4.78	46.75	74.00	-27.25	peak
2	28310.000	49.17	-2.46	46.71	74.00	-27.29	peak
3	31320.000	49.11	-0.93	48.18	74.00	-25.82	peak
4	32104.000	49.49	-1.75	47.74	74.00	-26.26	peak
5	36038.000	43.86	3.92	47.78	74.00	-26.22	peak
6	38278.000	43.82	3.82	47.64	74.00	-26.36	peak

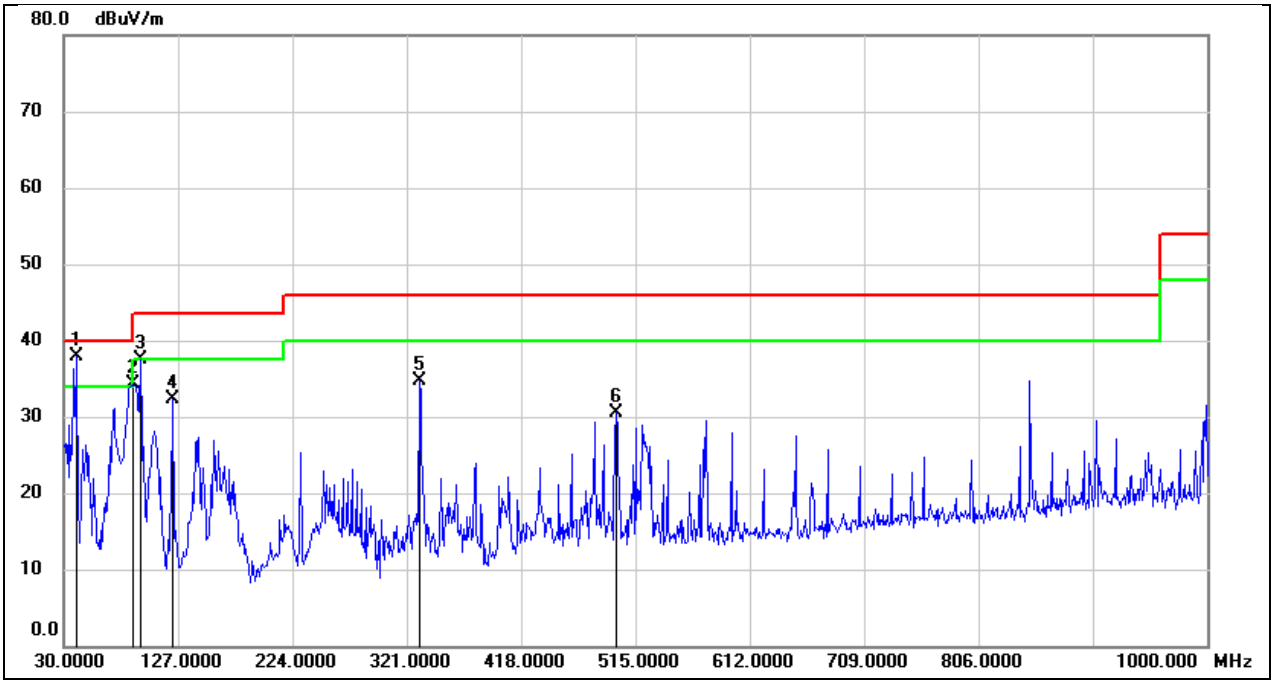
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	40.6699	46.74	-19.94	26.80	40.00	-13.20	QP
2	151.2500	44.17	-18.27	25.90	43.50	-17.60	QP
3	230.7900	47.87	-17.98	29.89	46.00	-16.11	QP
4	331.6700	46.16	-13.79	32.37	46.00	-13.63	QP
5	527.6100	40.83	-10.55	30.28	46.00	-15.72	QP
6	849.6500	45.32	-6.26	39.06	46.00	-6.94	QP

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	40.6699	57.75	-19.94	37.81	40.00	-2.19	QP
2	88.2000	56.36	-22.05	34.31	43.50	-9.19	QP
3	94.9900	59.16	-21.72	37.44	43.50	-6.06	QP
4	122.1500	52.03	-19.74	32.29	43.50	-11.21	QP
5	331.6700	48.56	-13.79	34.77	46.00	-11.23	QP
6	498.5100	41.24	-10.71	30.53	46.00	-15.47	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

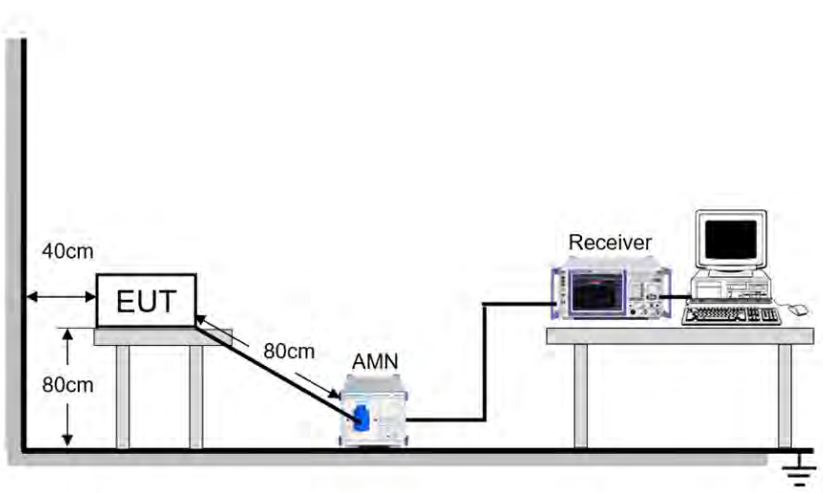
TEST PROCEDURE

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

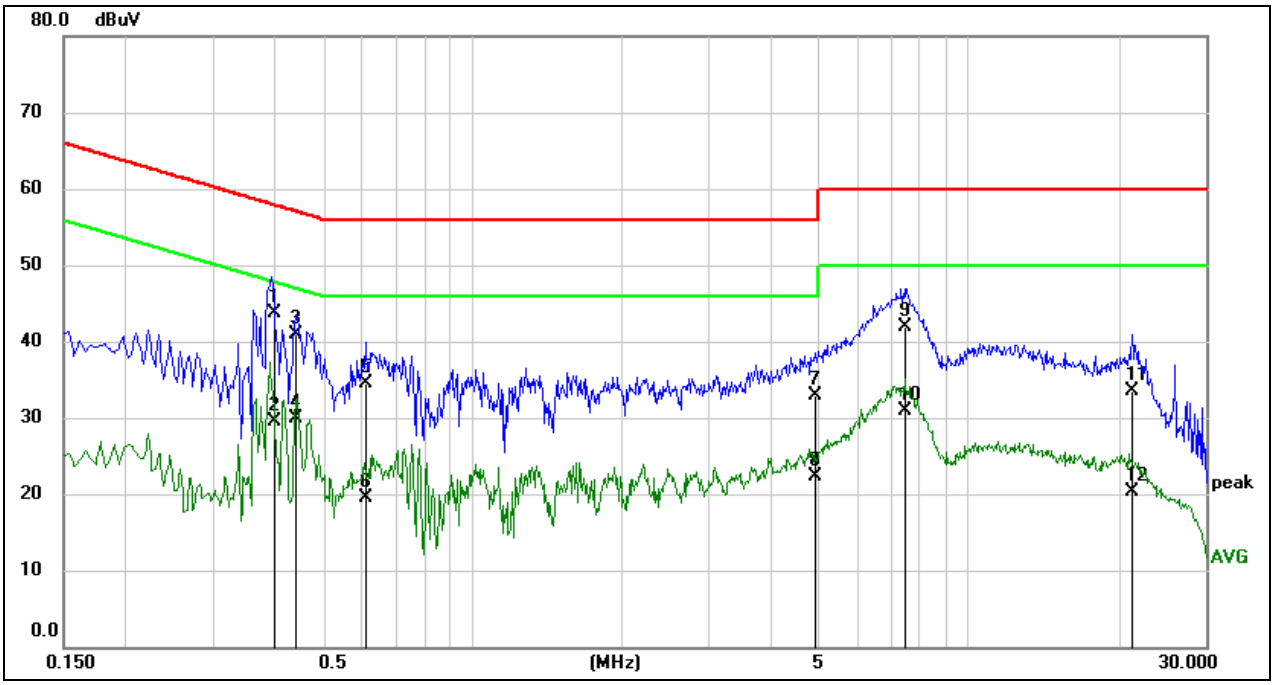
Temperature	23.8℃	Relative Humidity	59%
Atmosphere Pressure	101kPa	Test Voltage	AC 120 V, 60 Hz

TEST DATE / ENGINEER

Test Date	October 9, 2023	Test By	Wite Chen

TEST RESULTS

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

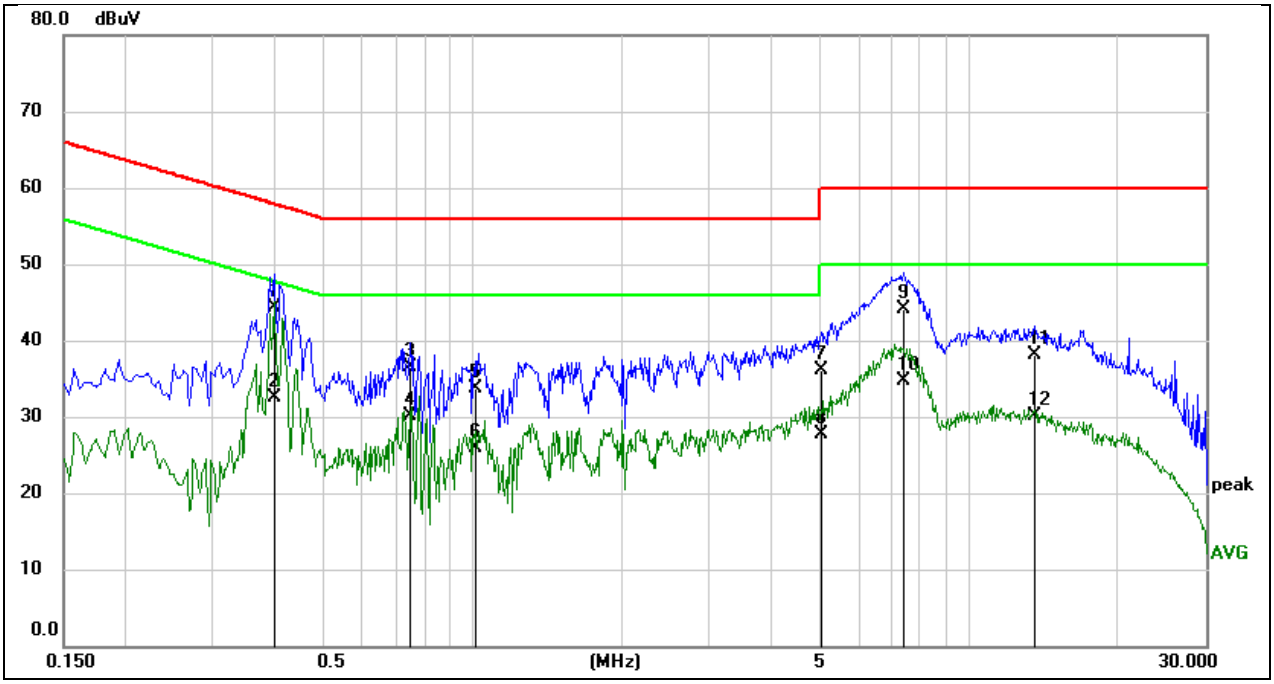


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3980	34.19	9.59	43.78	57.90	-14.12	QP
2	0.3980	19.97	9.59	29.56	47.90	-18.34	AVG
3	0.4420	31.23	9.60	40.83	57.02	-16.19	QP
4	0.4420	20.35	9.60	29.95	47.02	-17.07	AVG
5	0.6099	24.81	9.60	34.41	56.00	-21.59	QP
6	0.6099	9.97	9.60	19.57	46.00	-26.43	AVG
7	4.8859	23.25	9.71	32.96	56.00	-23.04	QP
8	4.8859	12.50	9.71	22.21	46.00	-23.79	AVG
9	7.4560	32.26	9.72	41.98	60.00	-18.02	QP
10	7.4560	21.09	9.72	30.81	50.00	-19.19	AVG
11	21.3088	23.74	9.82	33.56	60.00	-26.44	QP
12	21.3088	10.51	9.82	20.33	50.00	-29.67	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	Frequency(MHz):	5180
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3994	34.62	9.59	44.21	57.87	-13.66	QP
2	0.3994	22.85	9.59	32.44	47.87	-15.43	AVG
3	0.7537	26.96	9.60	36.56	56.00	-19.44	QP
4	0.7537	20.47	9.60	30.07	46.00	-15.93	AVG
5	1.0176	24.00	9.61	33.61	56.00	-22.39	QP
6	1.0176	16.32	9.61	25.93	46.00	-20.07	AVG
7	5.0243	26.42	9.72	36.14	60.00	-23.86	QP
8	5.0243	18.03	9.72	27.75	50.00	-22.25	AVG
9	7.4056	34.43	9.72	44.15	60.00	-15.85	QP
10	7.4056	24.92	9.72	34.64	50.00	-15.36	AVG
11	13.5614	28.42	9.76	38.18	60.00	-21.82	QP
12	13.5614	20.27	9.76	30.03	50.00	-19.97	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

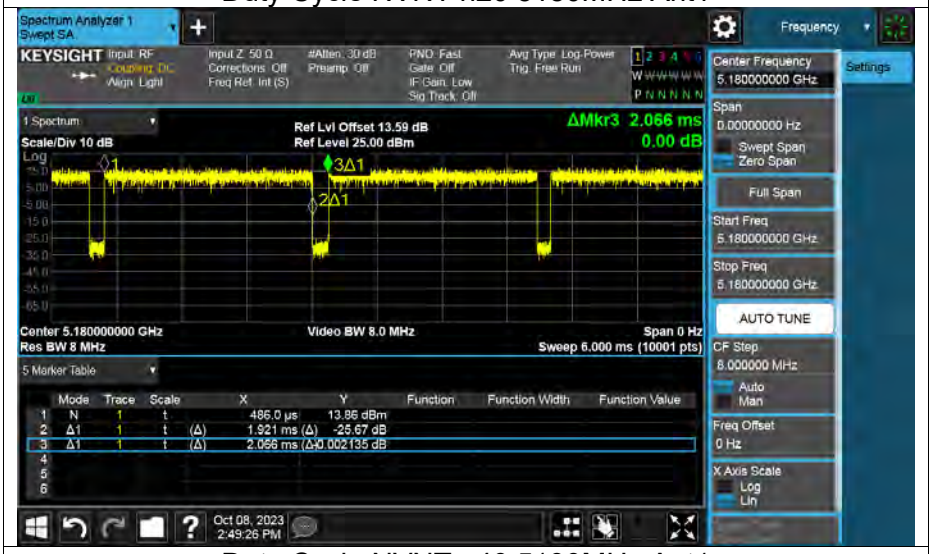
Appendix A: Duty Cycle

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	2.06	2.21	0.9321	93.21	0.31	0.49	1
n20	1.92	2.07	0.9275	92.75	0.33	0.52	1
n40	0.94	1.03	0.9126	91.26	0.40	1.06	2
ac80	0.46	0.59	0.7797	77.97	1.08	2.17	3

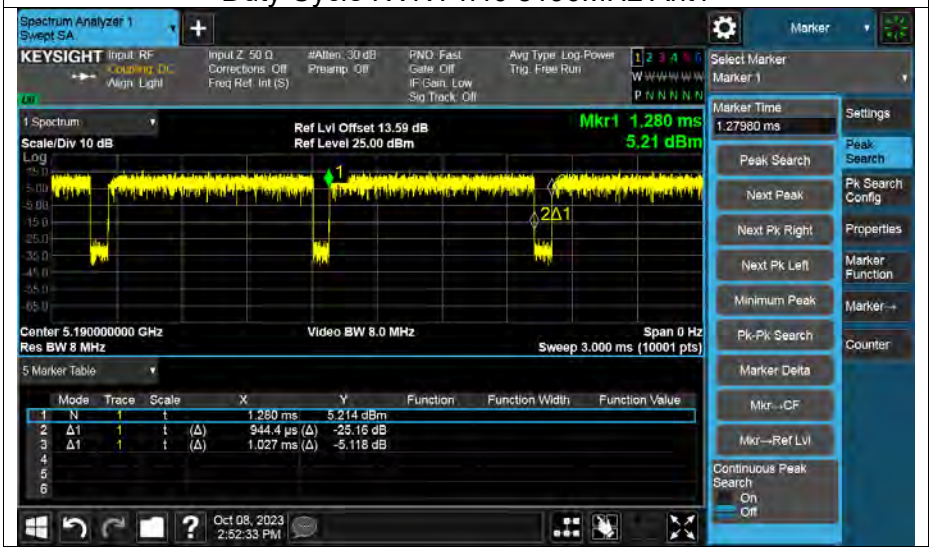
Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

Test Graphs
Duty Cycle NVNT a 5180MHz Ant1

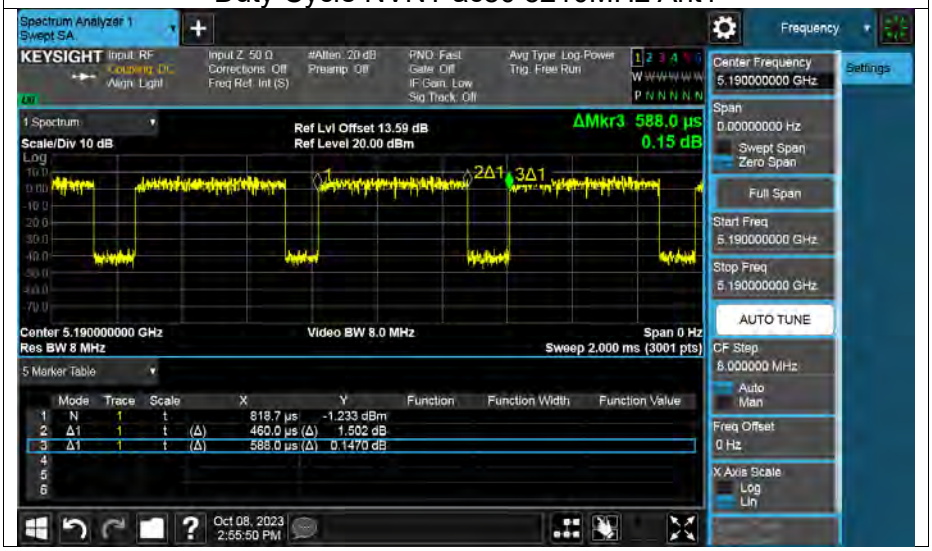
Duty Cycle NVNT n20 5180MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant1



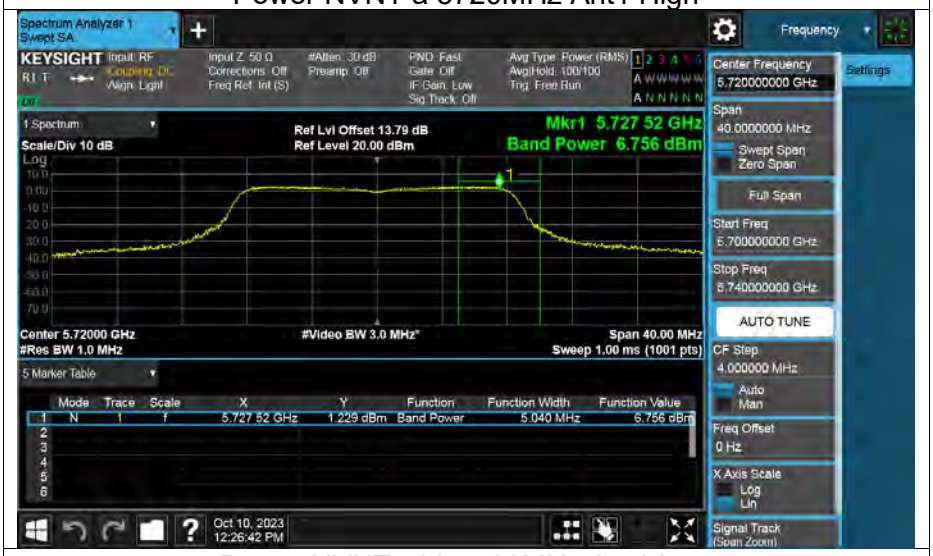
Appendix B: Maximum Conducted Output Power

Mode	Frequency (MHz)	Antenna	Test Result	DCCF	Total Conducted Power (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	EIRP (dBm)	EIRPLimit (dBm)	Verdict
a	5180	Ant1	11.48	0.31	11.79	≤24	---	18.71	22.2	Pass
a	5200	Ant1	11.72	0.31	12.03	≤24	---	18.95	22.2	Pass
a	5240	Ant1	11.87	0.31	12.18	≤24	---	19.1	22.2	Pass
a	5260	Ant1	11.93	0.31	12.24	≤24	23.21	19.16	29.21	Pass
a	5280	Ant1	12.29	0.31	12.6	≤24	23.21	19.52	29.21	Pass
a	5320	Ant1	12.74	0.31	13.05	≤24	23.2	19.97	29.2	Pass
a	5500	Ant1	11.7	0.31	12.01	≤24	23.2	18.93	29.2	Pass
a	5580	Ant1	12.63	0.31	12.94	≤24	23.2	19.86	29.2	Pass
a	5700	Ant1	13.31	0.31	**13.62**	≤24	23.21	20.54	29.21	Pass
a	5720-Low	Ant1	12.34	0.31	12.65	≤22.94	22.25	19.57	28.25	Pass
a	5720-High	Ant1	6.76	0.31	7.07	≤30	≤30	13.99	---	Pass
a	5745	Ant1	12.74	0.31	13.05	≤30	≤30	19.97	---	Pass
a	5785	Ant1	12.23	0.31	12.54	≤30	≤30	19.46	---	Pass
a	5825	Ant1	11.46	0.31	11.77	≤30	≤30	18.69	---	Pass
n20	5180	Ant1	11.11	0.33	11.44	≤24	---	18.36	22.48	Pass
n20	5200	Ant1	11.36	0.33	11.69	≤24	---	18.61	22.49	Pass
n20	5240	Ant1	11.66	0.33	11.99	≤24	---	18.91	22.47	Pass
n20	5260	Ant1	11.73	0.33	12.06	≤24	23.48	18.98	29.48	Pass
n20	5280	Ant1	12.14	0.33	12.47	≤24	23.49	19.39	29.49	Pass
n20	5320	Ant1	12.54	0.33	12.87	≤24	23.49	19.79	29.49	Pass
n20	5500	Ant1	12.69	0.33	13.02	≤24	23.49	19.94	29.49	Pass
n20	5580	Ant1	13.28	0.33	13.61	≤24	23.49	20.53	29.49	Pass
n20	5700	Ant1	13.86	0.33	14.19	≤24	23.48	21.11	29.48	Pass
n20	5720-Low	Ant1	13.21	0.33	13.54	≤23.2	22.43	20.46	28.43	Pass
n20	5720-High	Ant1	7.79	0.33	8.12	≤30	≤30	15.04	---	Pass
n20	5745	Ant1	13.11	0.33	13.44	≤30	≤30	20.36	---	Pass
n20	5785	Ant1	12.32	0.33	12.65	≤30	≤30	19.57	---	Pass
n20	5825	Ant1	11.5	0.33	11.83	≤30	≤30	18.75	---	Pass
n40	5190	Ant1	9.31	0.4	9.71	≤24	---	16.63	≤23	Pass
n40	5230	Ant1	9.48	0.4	9.88	≤24	---	16.8	≤30	Pass
n40	5270	Ant1	9.97	0.4	10.37	≤24	≤24	17.29	≤30	Pass
n40	5310	Ant1	10.37	0.4	10.77	≤24	≤24	17.69	≤30	Pass
n40	5510	Ant1	7.41	0.4	7.81	≤24	≤24	14.73	≤30	Pass
n40	5550	Ant1	7.98	0.4	8.38	≤24	≤24	15.3	≤30	Pass
n40	5670	Ant1	9.15	0.4	9.55	≤24	≤24	16.47	≤30	Pass
n40	5710-Low	Ant1	9.73	0.4	10.13	≤24	≤24	17.05	≤30	Pass
n40	5710-High	Ant1	-0.46	0.4	-0.06	≤30	≤30	6.86	---	Pass
n40	5755	Ant1	13.15	0.4	13.55	≤30	≤30	20.47	---	Pass

n40	5795	Ant1	12.39	0.4	12.79	≤30	≤30	19.71	---	Pass
ac80	5210	Ant1	11.79	1.08	12.87	≤24	---	19.79	≤23	Pass
ac80	5290	Ant1	12.55	1.08	13.63	≤24	≤24	20.55	≤30	Pass
ac80	5530	Ant1	11.97	1.08	13.05	≤24	≤24	19.97	≤30	Pass
ac80	5610	Ant1	13.07	1.08	14.15	≤24	≤24	21.07	≤30	Pass
ac80	5690-Low	Ant1	8.93	1.08	10.01	≤24	≤24	16.93	≤30	Pass
ac80	5690-High	Ant1	-4.01	1.08	-2.93	≤30	≤30	3.99	---	Pass
ac80	5775	Ant1	12.37	1.08	13.45	≤30	≤30	20.37	---	Pass

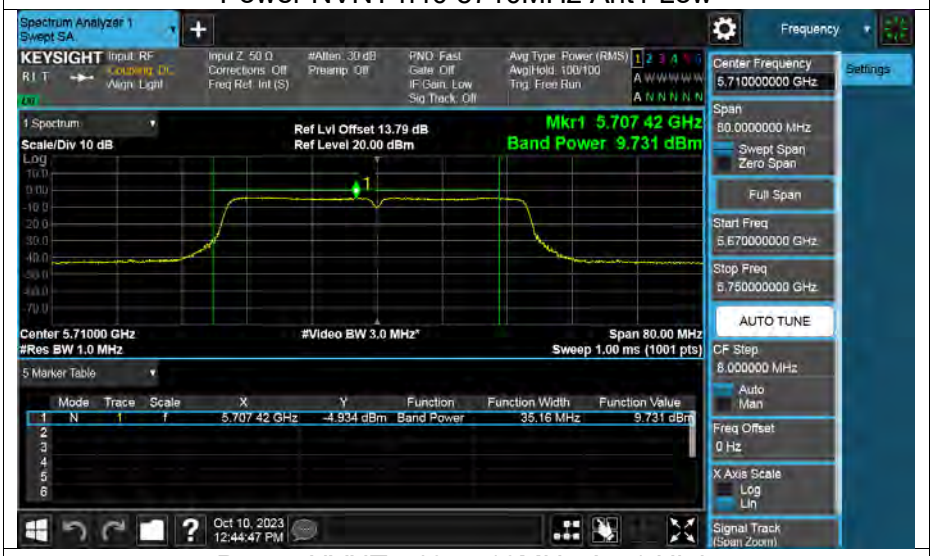
Note：1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2. Final Result=DFFC + Test result

Test Graphs
Power NVNT a 5720MHz Ant1 Low

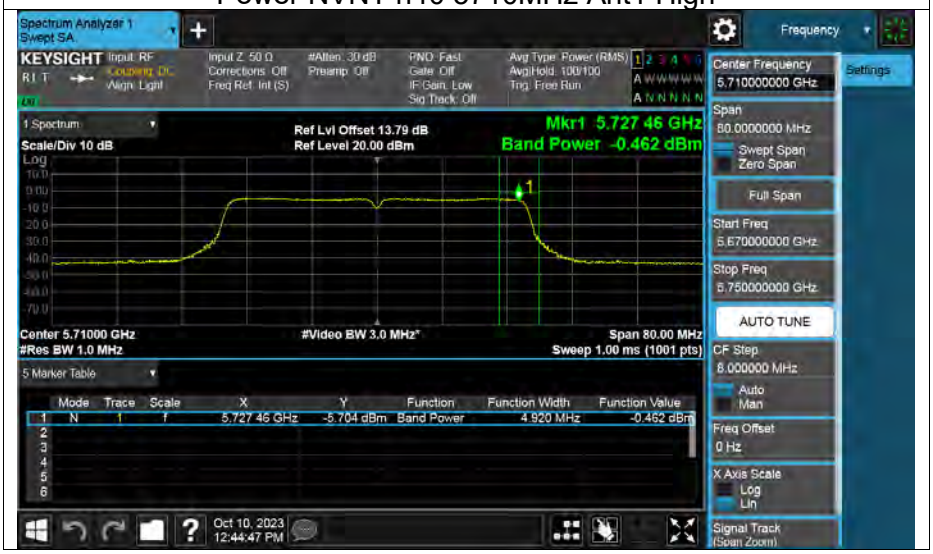
Power NVNT a 5720MHz Ant1 High

Power NVNT n20 5720MHz Ant1 Low


Power NVNT n20 5720MHz Ant1 High

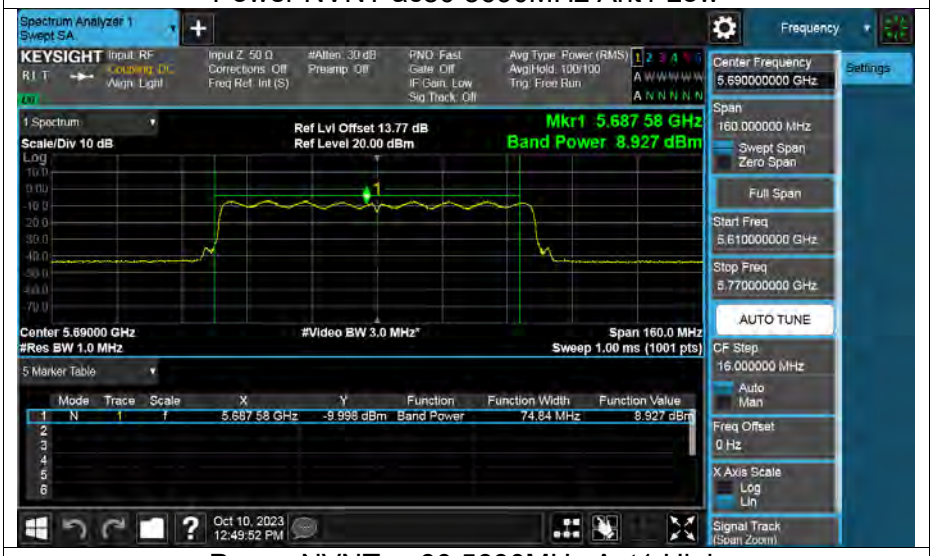
Power NVNT n40 5710MHz Ant1 Low



Power NVNT n40 5710MHz Ant1 High



Power NVNT ac80 5690MHz Ant1 Low



Power NVNT ac80 5690MHz Ant1 High

Appendix C: -26dB Bandwidth

Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
a	5180	Ant1	21.634
a	5200	Ant1	21.497
a	5240	Ant1	23.395
a	5260	Ant1	25.06
a	5280	Ant1	24.19
a	5320	Ant1	22.683
a	5500	Ant1	21.31
a	5580	Ant1	22.45
a	5700	Ant1	23.252
a	5720	Ant1	15.64
n20	5180	Ant1	21.903
n20	5200	Ant1	21.841
n20	5240	Ant1	21.992
n20	5260	Ant1	25.694
n20	5280	Ant1	23.595
n20	5320	Ant1	27.994
n20	5500	Ant1	22.263
n20	5580	Ant1	22.364
n20	5700	Ant1	21.646
n20	5720-(UNII-2C)	Ant1	16.6
n40	5190	Ant1	41.551
n40	5230	Ant1	41.308
n40	5270	Ant1	40.807
n40	5310	Ant1	41.311
n40	5510	Ant1	41.638
n40	5550	Ant1	41.78
n40	5670	Ant1	41.611
n40	5710-(UNII-2C)	Ant1	35.88
ac80	5210	Ant1	80.617
ac80	5290	Ant1	87.63
ac80	5530	Ant1	80.561
ac80	5610	Ant1	88.535
ac80	5690-(UNII-2C)	Ant1	76.28

Test Graphs
-26dB Bandwidth NVNT a 5180MHz Ant1

-26dB Bandwidth NVNT a 5200MHz Ant1

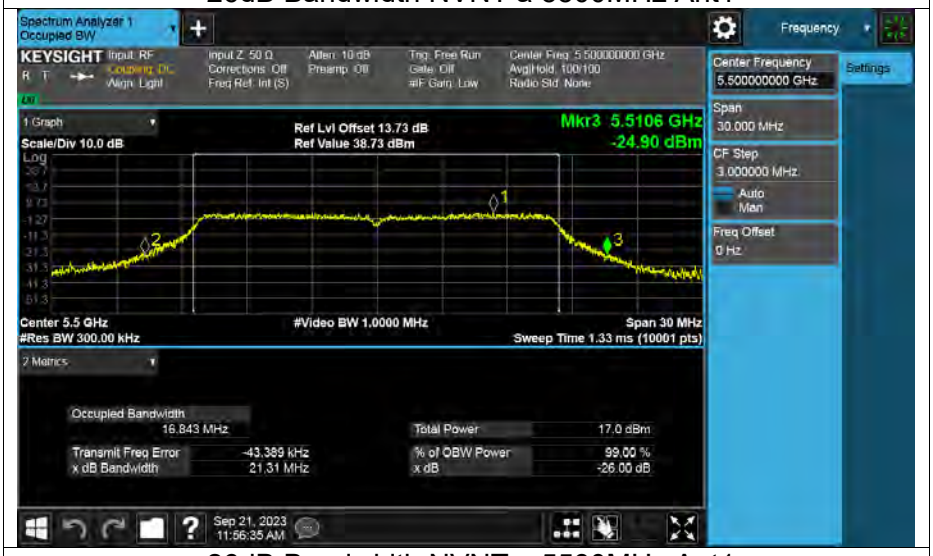
-26dB Bandwidth NVNT a 5240MHz Ant1

-26dB Bandwidth NVNT a 5260MHz Ant1

-26dB Bandwidth NVNT a 5280MHz Ant1

-26dB Bandwidth NVNT a 5320MHz Ant1

-26dB Bandwidth NVNT a 5500MHz Ant1



-26dB Bandwidth NVNT a 5580MHz Ant1

-26dB Bandwidth NVNT a 5700MHz Ant1

-26dB Bandwidth NVNT a 5720MHz Ant1

-26dB Bandwidth NVNT n20 5180MHz Ant1

-26dB Bandwidth NVNT n20 5200MHz Ant1

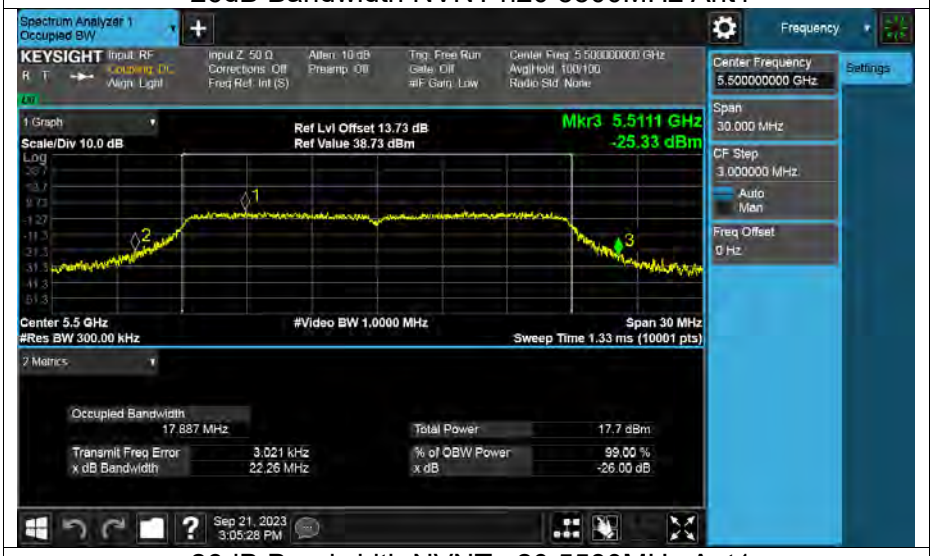
-26dB Bandwidth NVNT n20 5240MHz Ant1

-26dB Bandwidth NVNT n20 5260MHz Ant1

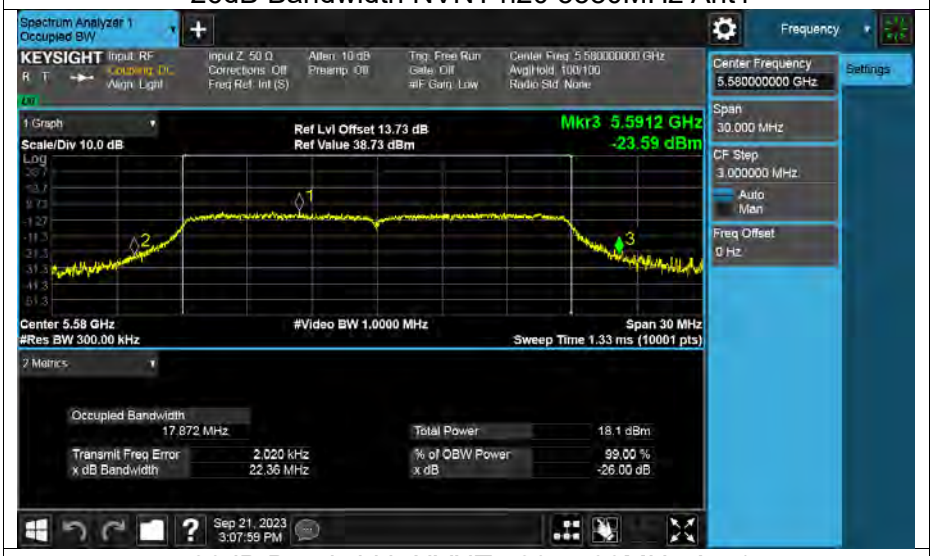
-26dB Bandwidth NVNT n20 5280MHz Ant1

-26dB Bandwidth NVNT n20 5320MHz Ant1

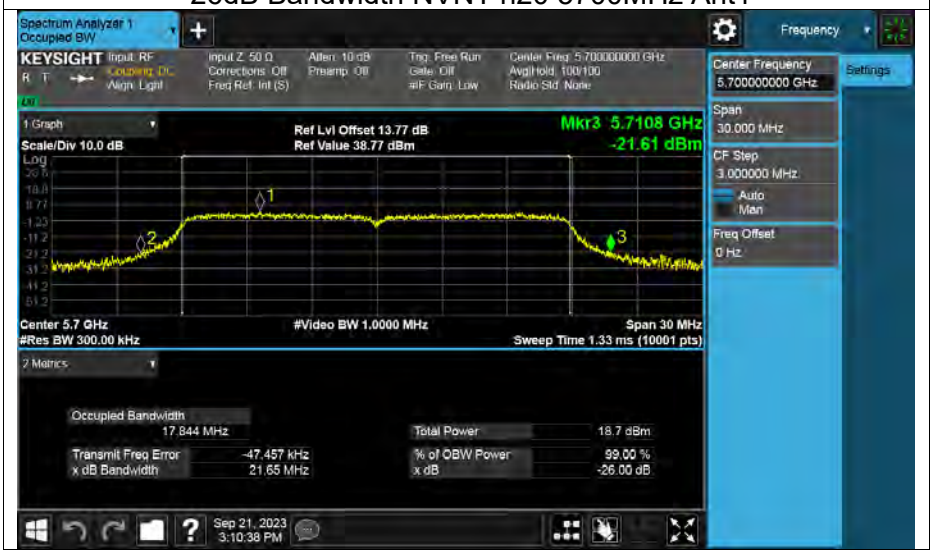
-26dB Bandwidth NVNT n20 5500MHz Ant1



-26dB Bandwidth NVNT n20 5580MHz Ant1



-26dB Bandwidth NVNT n20 5700MHz Ant1



-26dB Bandwidth NVNT n20 5720MHz Ant1

-26dB Bandwidth NVNT n40 5190MHz Ant1

-26dB Bandwidth NVNT n40 5230MHz Ant1

-26dB Bandwidth NVNT n40 5270MHz Ant1

-26dB Bandwidth NVNT n40 5310MHz Ant1

-26dB Bandwidth NVNT n40 5510MHz Ant1

-26dB Bandwidth NVNT n40 5550MHz Ant1

-26dB Bandwidth NVNT n40 5670MHz Ant1

-26dB Bandwidth NVNT n40 5710MHz Ant1

-26dB Bandwidth NVNT ac80 5210MHz Ant1

-26dB Bandwidth NVNT ac80 5290MHz Ant1

-26dB Bandwidth NVNT ac80 5530MHz Ant1

-26dB Bandwidth NVNT ac80 5610MHz Ant1

-26dB Bandwidth NVNT ac80 5690MHz Ant1

Appendix D: Occupied Channel Bandwidth

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5180	Ant1	16.605
a	5200	Ant1	16.605
a	5240	Ant1	16.614
a	5260	Ant1	16.653
a	5280	Ant1	16.615
a	5320	Ant1	16.601
a	5500	Ant1	16.593
a	5580	Ant1	16.584
a	5700	Ant1	16.627
a	5720-Low	Ant1	13.3425
a	5720-High	Ant1	3.3425
a	5745	Ant1	16.6
a	5785	Ant1	16.597
a	5825	Ant1	16.582
n20	5180	Ant1	17.717
n20	5200	Ant1	17.74
n20	5240	Ant1	17.677
n20	5260	Ant1	17.706
n20	5280	Ant1	17.727
n20	5320	Ant1	17.757
n20	5500	Ant1	17.755
n20	5580	Ant1	17.741
n20	5700	Ant1	17.691
n20	5720-Low	Ant1	13.9105
n20	5720-High	Ant1	3.9105
n20	5745	Ant1	17.739
n20	5785	Ant1	17.745
n20	5825	Ant1	17.719
n40	5190	Ant1	36.259
n40	5230	Ant1	36.256
n40	5270	Ant1	36.253
n40	5310	Ant1	36.282
n40	5510	Ant1	36.314
n40	5550	Ant1	36.301
n40	5670	Ant1	36.291
n40	5710-Low	Ant1	33.158
n40	5710-High	Ant1	3.158
n40	5755	Ant1	36.333
n40	5795	Ant1	36.29
ac80	5210	Ant1	75.769
ac80	5290	Ant1	75.772
ac80	5530	Ant1	75.729
ac80	5610	Ant1	75.845
ac80	5690-Low	Ant1	72.826
ac80	5690-High	Ant1	2.826
ac80	5775	Ant1	75.674

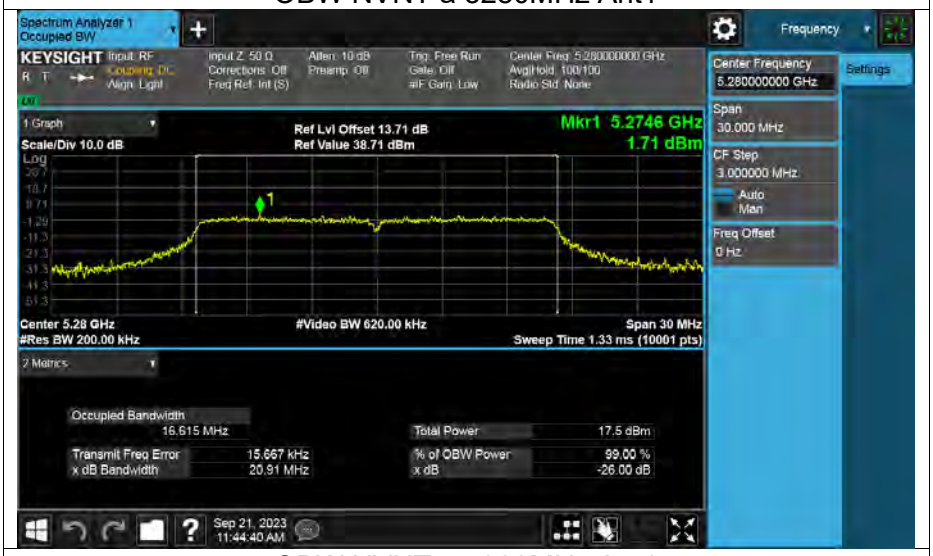
Test Graphs
OBW NVNT a 5180MHz Ant1

OBW NVNT a 5200MHz Ant1

OBW NVNT a 5240MHz Ant1

OBW NVNT a 5260MHz Ant1

OBW NVNT a 5280MHz Ant1

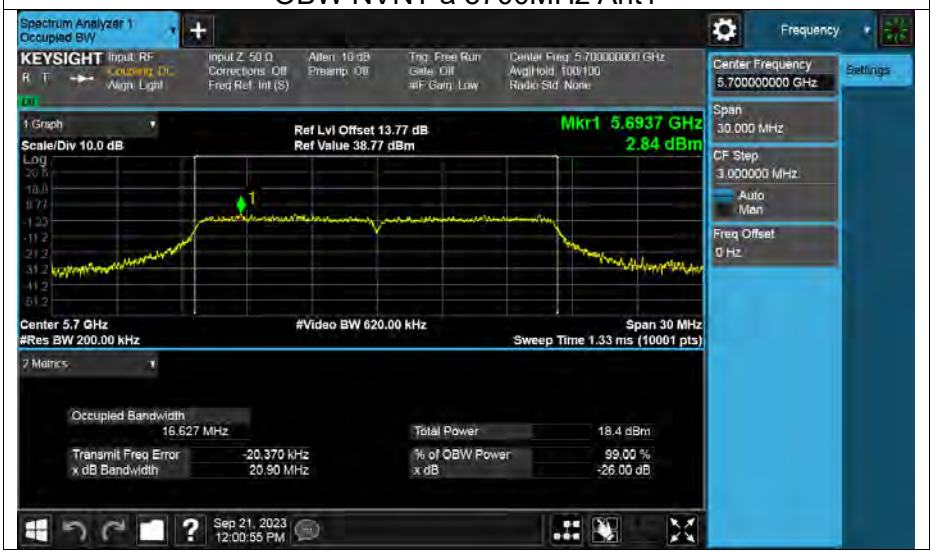


OBW NVNT a 5320MHz Ant1

OBW NVNT a 5500MHz Ant1

OBW NVNT a 5580MHz Ant1

OBW NVNT a 5700MHz Ant1



OBW NVNT a 5720MHz Ant1

OBW NVNT a 5745MHz Ant1

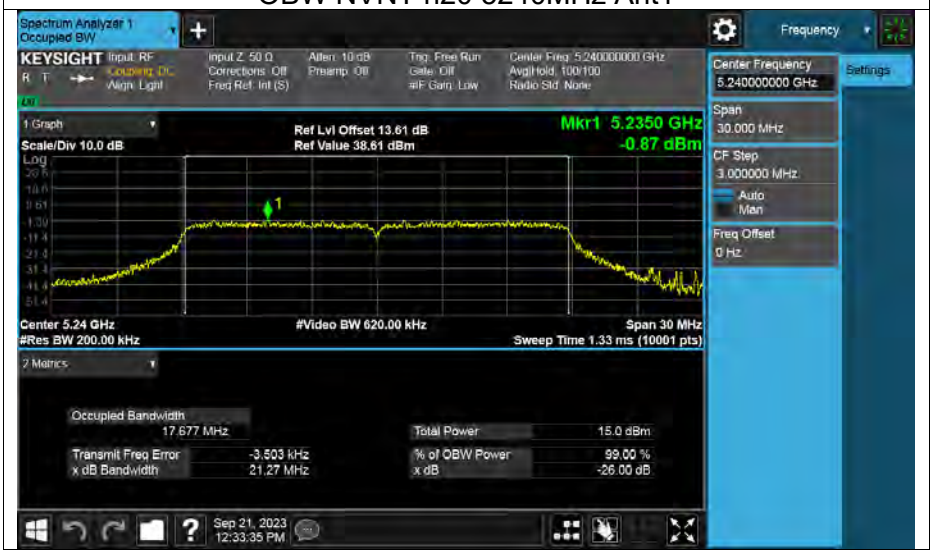
OBW NVNT a 5785MHz Ant1

OBW NVNT a 5825MHz Ant1

OBW NVNT n20 5180MHz Ant1

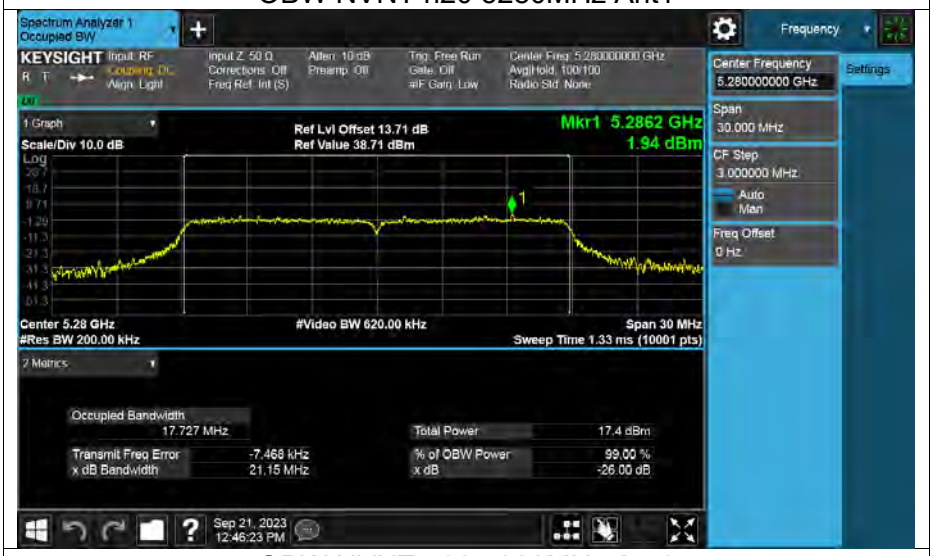
OBW NVNT n20 5200MHz Ant1

OBW NVNT n20 5240MHz Ant1



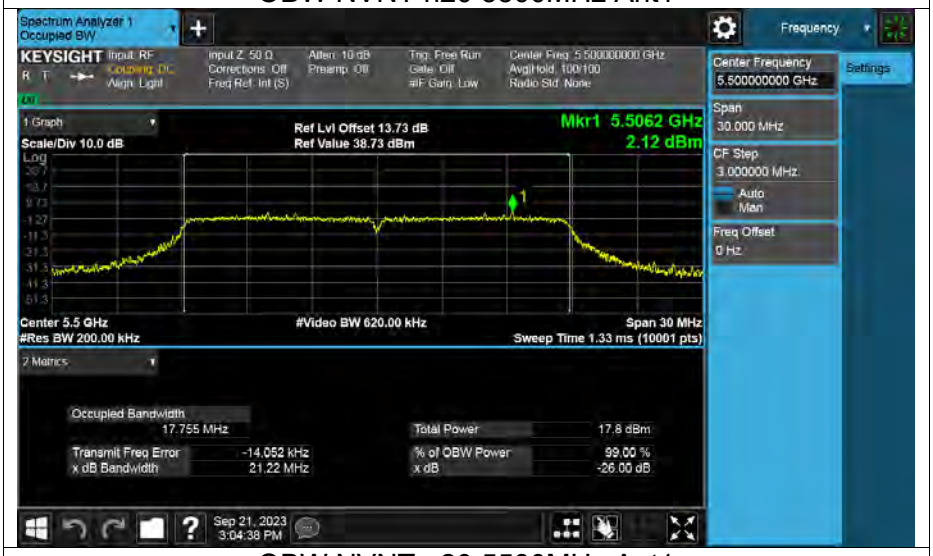
OBW NVNT n20 5260MHz Ant1

OBW NVNT n20 5280MHz Ant1



OBW NVNT n20 5320MHz Ant1

OBW NVNT n20 5500MHz Ant1



OBW NVNT n20 5580MHz Ant1

OBW NVNT n20 5700MHz Ant1

OBW NVNT n20 5720MHz Ant1

OBW NVNT n20 5745MHz Ant1

OBW NVNT n20 5785MHz Ant1

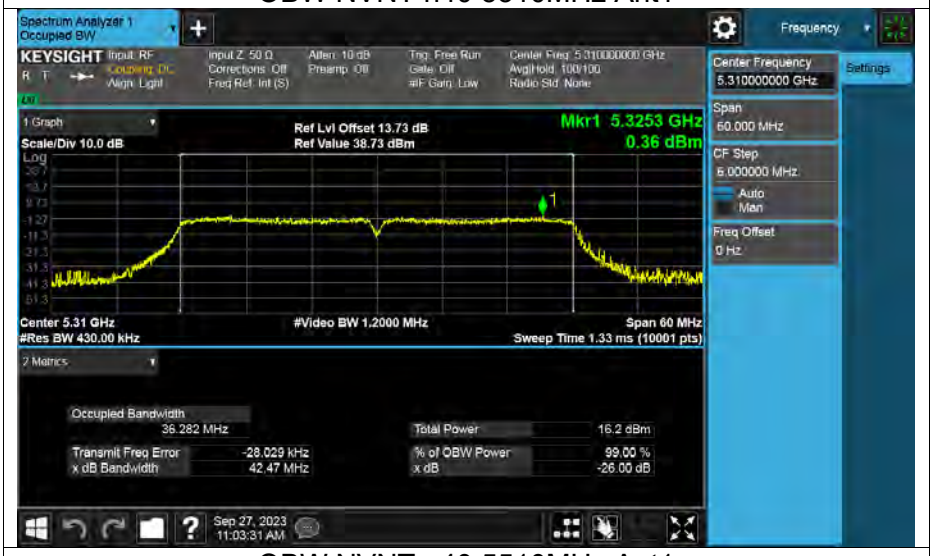
OBW NVNT n20 5825MHz Ant1

OBW NVNT n40 5190MHz Ant1

OBW NVNT n40 5230MHz Ant1

OBW NVNT n40 5270MHz Ant1

OBW NVNT n40 5310MHz Ant1

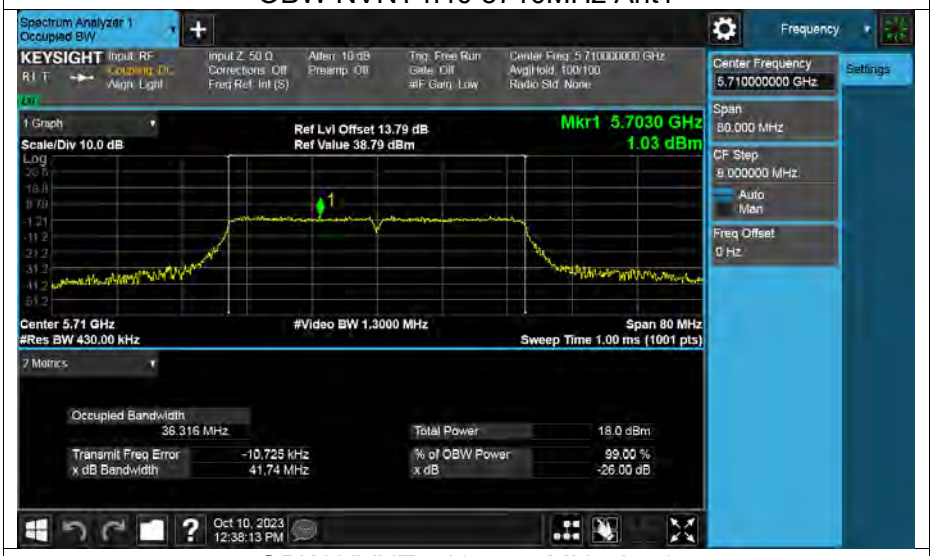


OBW NVNT n40 5510MHz Ant1

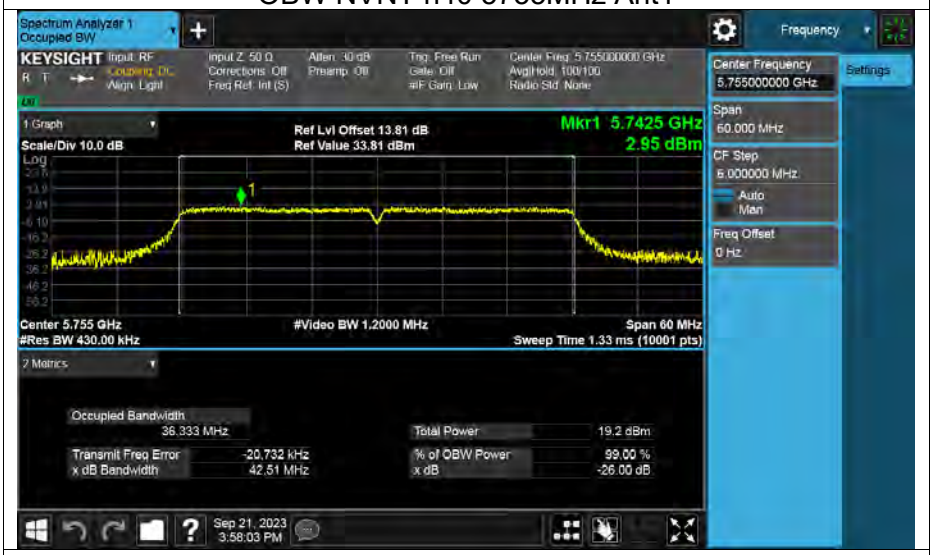
OBW NVNT n40 5550MHz Ant1

OBW NVNT n40 5670MHz Ant1

OBW NVNT n40 5710MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

OBW NVNT ac80 5210MHz Ant1

OBW NVNT ac80 5290MHz Ant1

OBW NVNT ac80 5530MHz Ant1

OBW NVNT ac80 5610MHz Ant1

OBW NVNT ac80 5775MHz Ant1

Appendix E: Maximum Power Spectral Density Level

Mode	Frequency (MHz)	Antenna	Test Result (dBm)	DCCF	Total PSD (dBm)	Limit (dBm)	EIRP PSD (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	0.29	0.31	0.6	≤11	7.52	≤10	Pass
a	5200	Ant1	0.59	0.31	0.9	≤11	7.82	≤10	Pass
a	5240	Ant1	0.82	0.31	1.13	≤11	8.05	≤10	Pass
a	5260	Ant1	1.23	0.31	1.54	≤11	8.46	---	Pass
a	5280	Ant1	1.48	0.31	1.79	≤11	8.71	---	Pass
a	5320	Ant1	1.95	0.31	2.26	≤11	9.18	---	Pass
a	5500	Ant1	1.11	0.31	1.42	≤11	8.34	---	Pass
a	5580	Ant1	1.82	0.31	2.13	≤11	9.05	---	Pass
a	5700	Ant1	2.54	0.31	2.85	≤11	9.77	---	Pass
a	5720-Low	Ant1	1.67	0.31	1.98	≤11	8.9	---	Pass
a	5720-High	Ant1	-1.56	0.31	-1.25	≤30	5.67	---	Pass
a	5745	Ant1	-1.25	0.31	-0.94	≤30	5.98	---	Pass
a	5785	Ant1	-1.42	0.31	-1.11	≤30	5.81	---	Pass
a	5825	Ant1	-3.07	0.31	-2.76	≤30	4.16	---	Pass
n20	5180	Ant1	-0.06	0.33	0.27	≤11	7.19	≤10	Pass
n20	5200	Ant1	0.21	0.33	0.54	≤11	7.46	≤10	Pass
n20	5240	Ant1	0.52	0.33	0.85	≤11	7.77	≤10	Pass
n20	5260	Ant1	0.79	0.33	1.12	≤11	8.04	---	Pass
n20	5280	Ant1	1.26	0.33	1.59	≤11	8.51	---	Pass
n20	5320	Ant1	1.79	0.33	2.12	≤11	9.04	---	Pass
n20	5500	Ant1	1.12	0.33	1.45	≤11	8.37	---	Pass
n20	5580	Ant1	1.93	0.33	2.26	≤11	9.18	---	Pass
n20	5700	Ant1	2.45	0.33	2.78	≤11	9.7	---	Pass
n20	5720-Low	Ant1	2.59	0.33	2.92	≤11	9.84	---	Pass
n20	5720-High	Ant1	-0.6	0.33	-0.27	≤30	6.65	---	Pass
n20	5745	Ant1	-1.25	0.33	-0.92	≤30	6	---	Pass
n20	5785	Ant1	-1.82	0.33	-1.49	≤30	5.43	---	Pass
n20	5825	Ant1	-2.63	0.33	-2.3	≤30	4.62	---	Pass
n40	5190	Ant1	-4.34	0.4	-3.94	≤11	2.98	≤10	Pass
n40	5230	Ant1	-4.14	0.4	-3.74	≤11	3.18	≤10	Pass
n40	5270	Ant1	-3.64	0.4	-3.24	≤11	3.68	---	Pass
n40	5310	Ant1	-3.13	0.4	-2.73	≤11	4.19	---	Pass
n40	5510	Ant1	-6.38	0.4	-5.98	≤11	0.94	---	Pass
n40	5550	Ant1	-5.8	0.4	-5.4	≤11	1.52	---	Pass
n40	5670	Ant1	-4.58	0.4	-4.18	≤11	2.74	---	Pass
n40	5710-Low	Ant1	-3.92	0.4	-3.52	≤11	3.4	---	Pass
n40	5710-High	Ant1	-7.28	0.4	-6.88	≤30	0.04	---	Pass
n40	5755	Ant1	-3.49	0.4	-3.09	≤30	3.83	---	Pass
n40	5795	Ant1	-3.96	0.4	-3.56	≤30	3.36	---	Pass
ac80	5210	Ant1	-3.92	1.08	-2.84	≤11	4.08	≤10	Pass

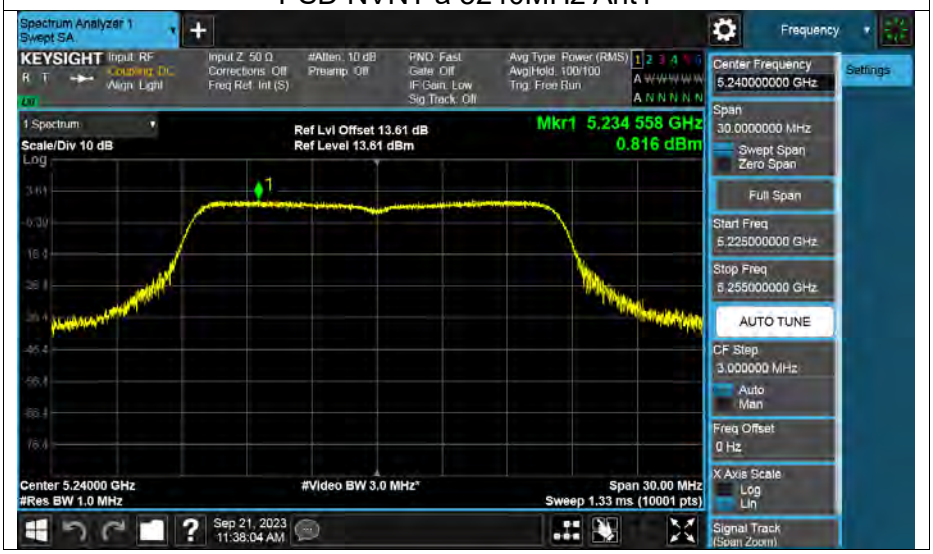
ac80	5290	Ant1	-2.99	1.08	-1.91	≤11	5.01	---	Pass
ac80	5530	Ant1	-3.35	1.08	-2.27	≤11	4.65	---	Pass
ac80	5610	Ant1	-2.76	1.08	-1.68	≤11	5.24	---	Pass
ac80	5690-Low	Ant1	-6.87	1.08	-5.79	≤11	1.13	---	Pass
ac80	5690-High	Ant1	-10	1.08	-8.92	≤30	-2	---	Pass
ac80	5775	Ant1	-5.68	1.08	-4.6	≤30	2.32	---	Pass

Note：1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2. Final Result=DFFC + Test result

Test Graphs
PSD NVNT a 5180MHz Ant1

PSD NVNT a 5200MHz Ant1

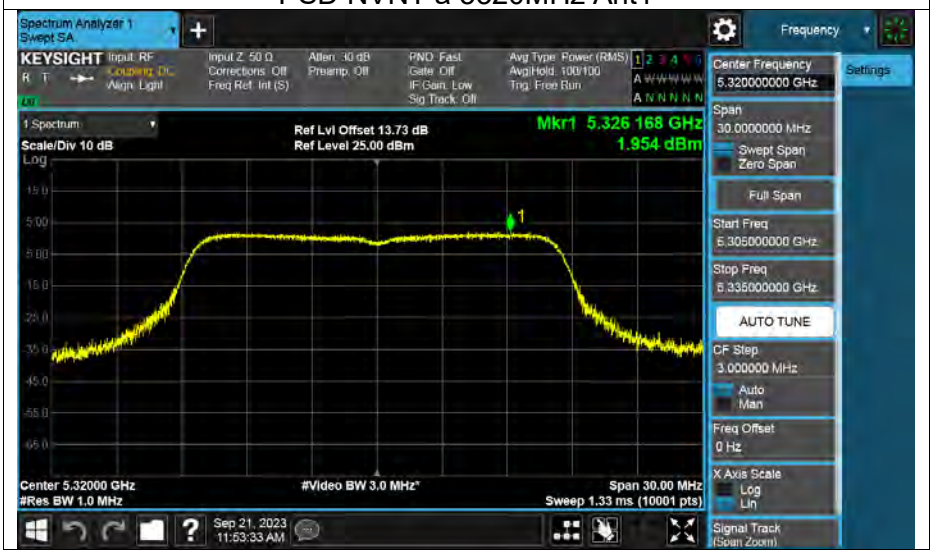
PSD NVNT a 5240MHz Ant1



PSD NVNT a 5260MHz Ant1

PSD NVNT a 5280MHz Ant1

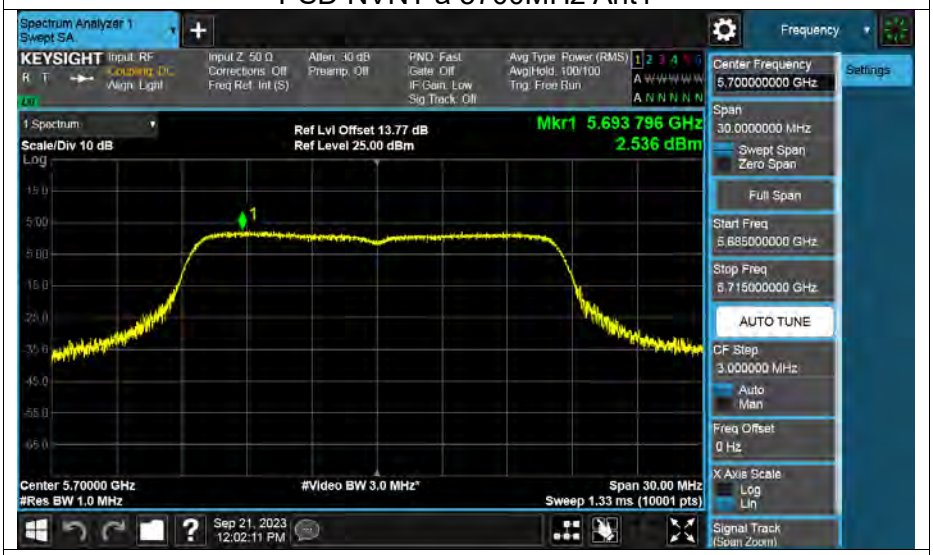
PSD NVNT a 5320MHz Ant1



PSD NVNT a 5500MHz Ant1

PSD NVNT a 5580MHz Ant1

PSD NVNT a 5700MHz Ant1



PSD NVNT a 5720MHz Ant1 Low

PSD NVNT a 5720MHz Ant1 High

PSD NVNT a 5745MHz Ant1

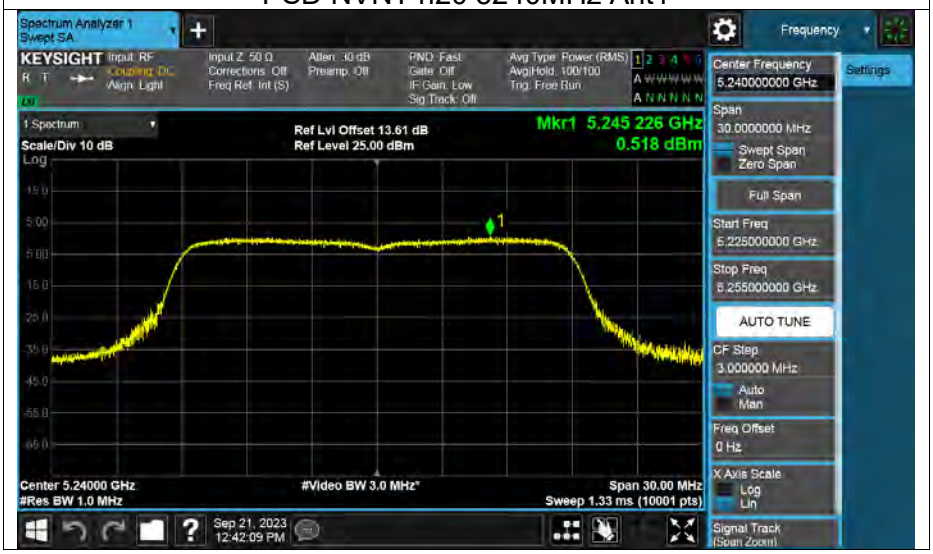
PSD NVNT a 5785MHz Ant1

PSD NVNT a 5825MHz Ant1

PSD NVNT n20 5180MHz Ant1

PSD NVNT n20 5200MHz Ant1

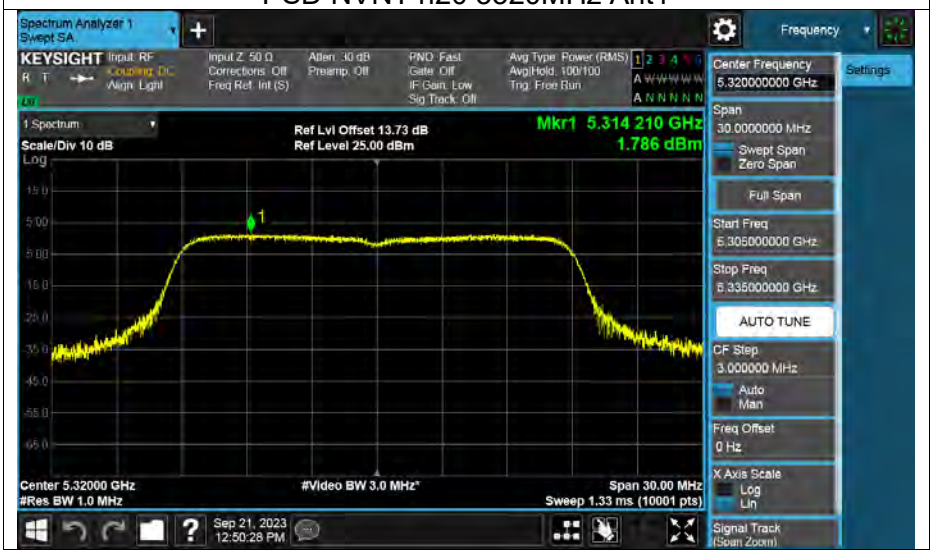
PSD NVNT n20 5240MHz Ant1



PSD NVNT n20 5260MHz Ant1

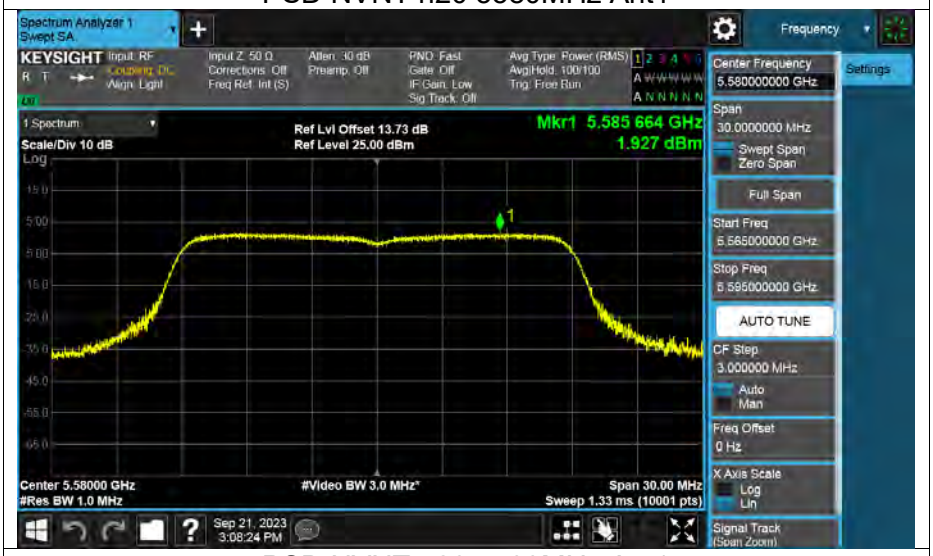
PSD NVNT n20 5280MHz Ant1

PSD NVNT n20 5320MHz Ant1



PSD NVNT n20 5500MHz Ant1

PSD NVNT n20 5580MHz Ant1



PSD NVNT n20 5700MHz Ant1

PSD NVNT n20 5720MHz Ant1 High

PSD NVNT n20 5720MHz Ant1 Low

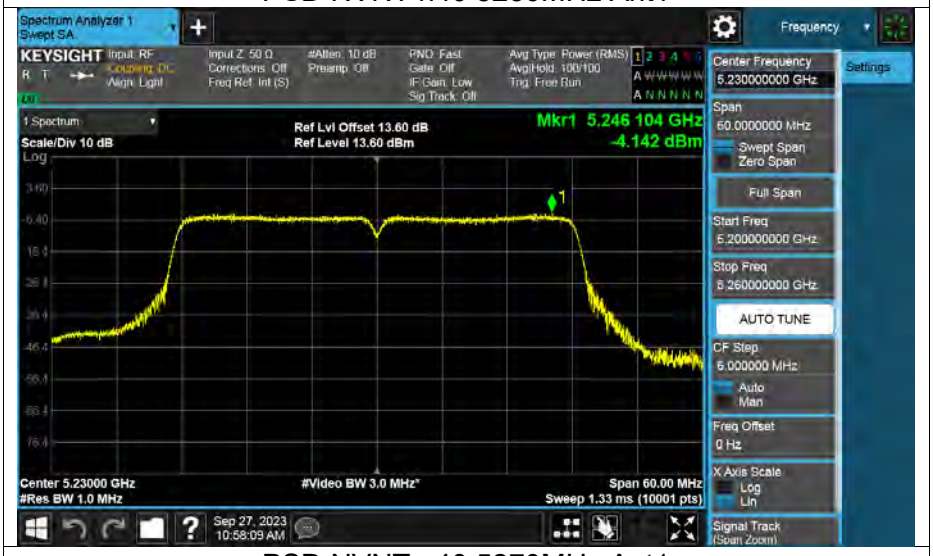
PSD NVNT n20 5745MHz Ant1

PSD NVNT n20 5785MHz Ant1

PSD NVNT n20 5825MHz Ant1

PSD NVNT n40 5190MHz Ant1

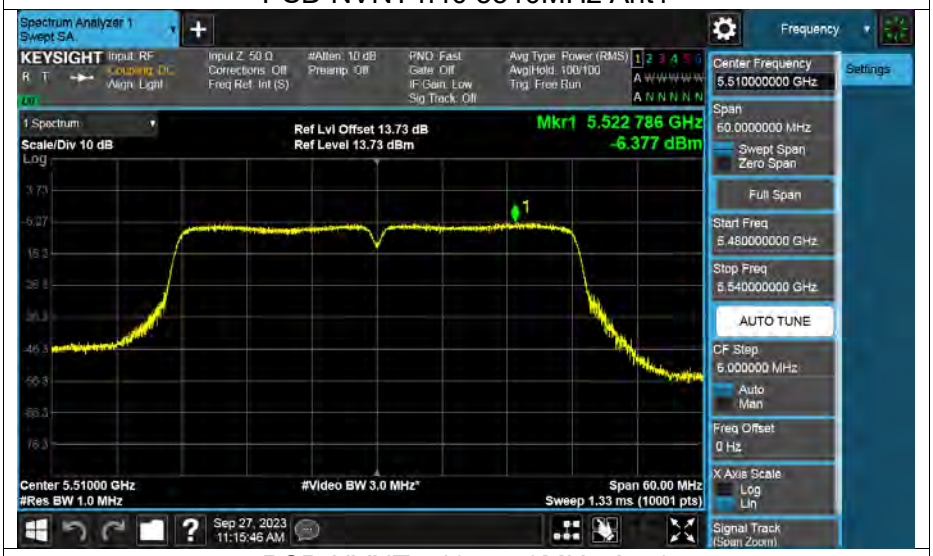
PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5270MHz Ant1

PSD NVNT n40 5310MHz Ant1

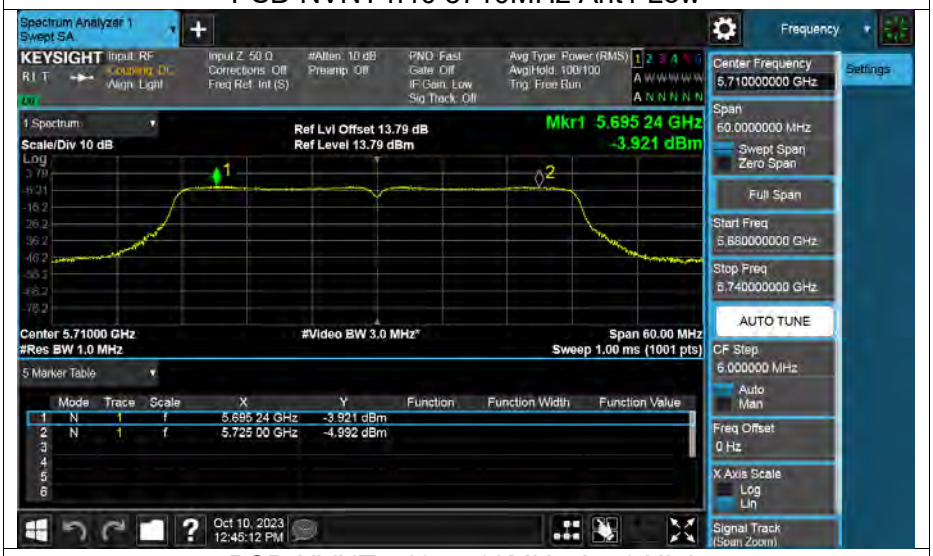
PSD NVNT n40 5510MHz Ant1



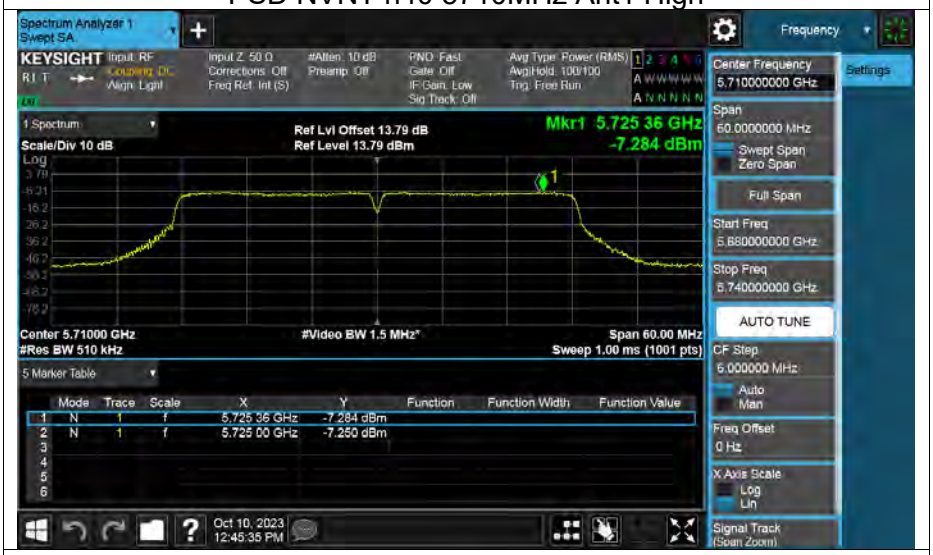
PSD NVNT n40 5550MHz Ant1

PSD NVNT n40 5670MHz Ant1

PSD NVNT n40 5710MHz Ant1 Low



PSD NVNT n40 5710MHz Ant1 High



PSD NVNT n40 5755MHz Ant1

PSD NVNT n40 5795MHz Ant1