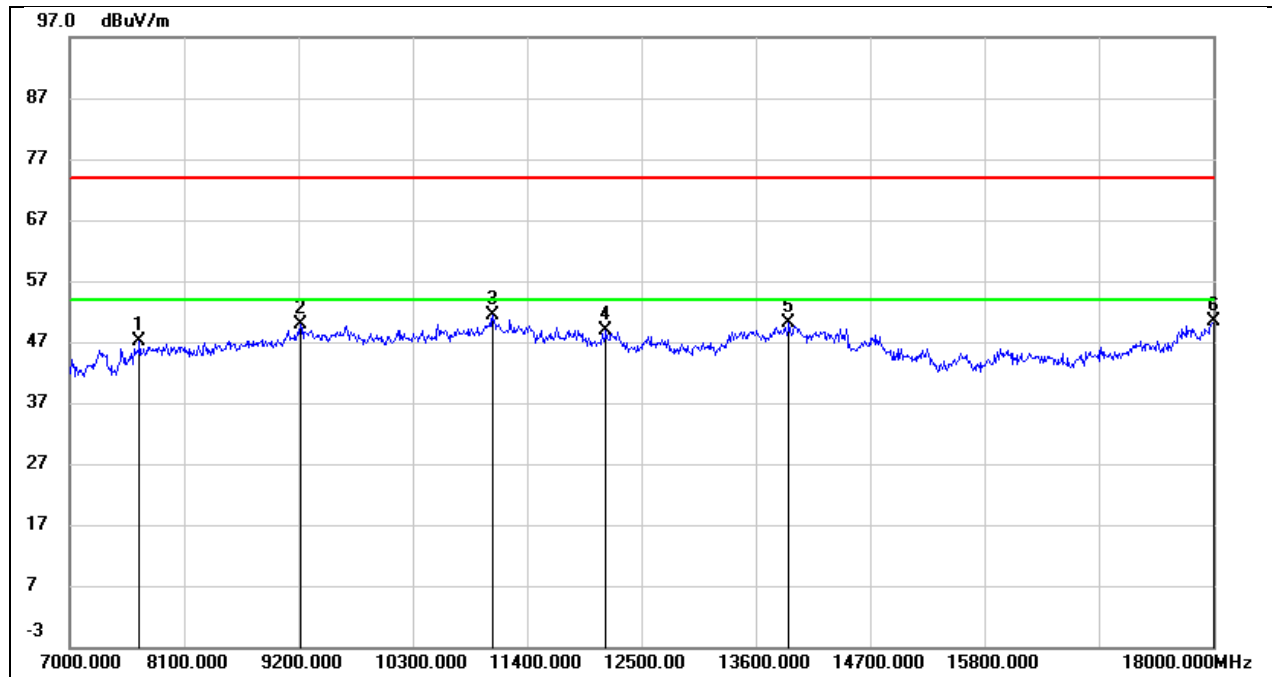
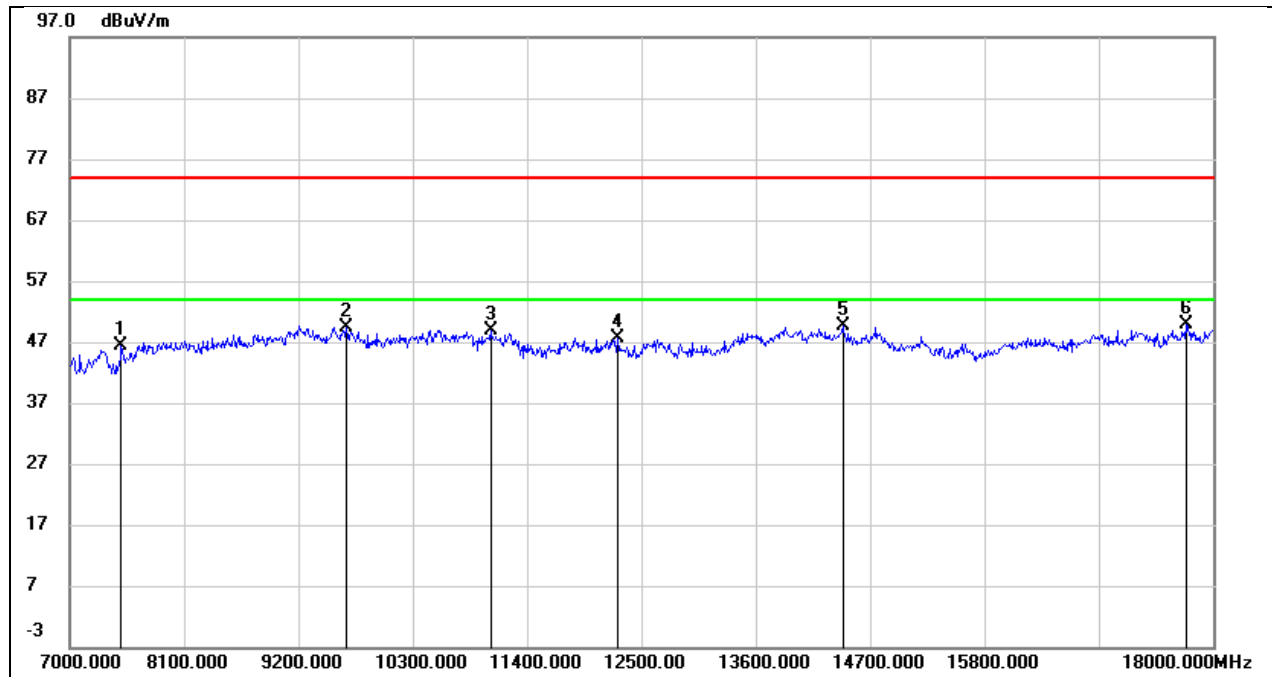


Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



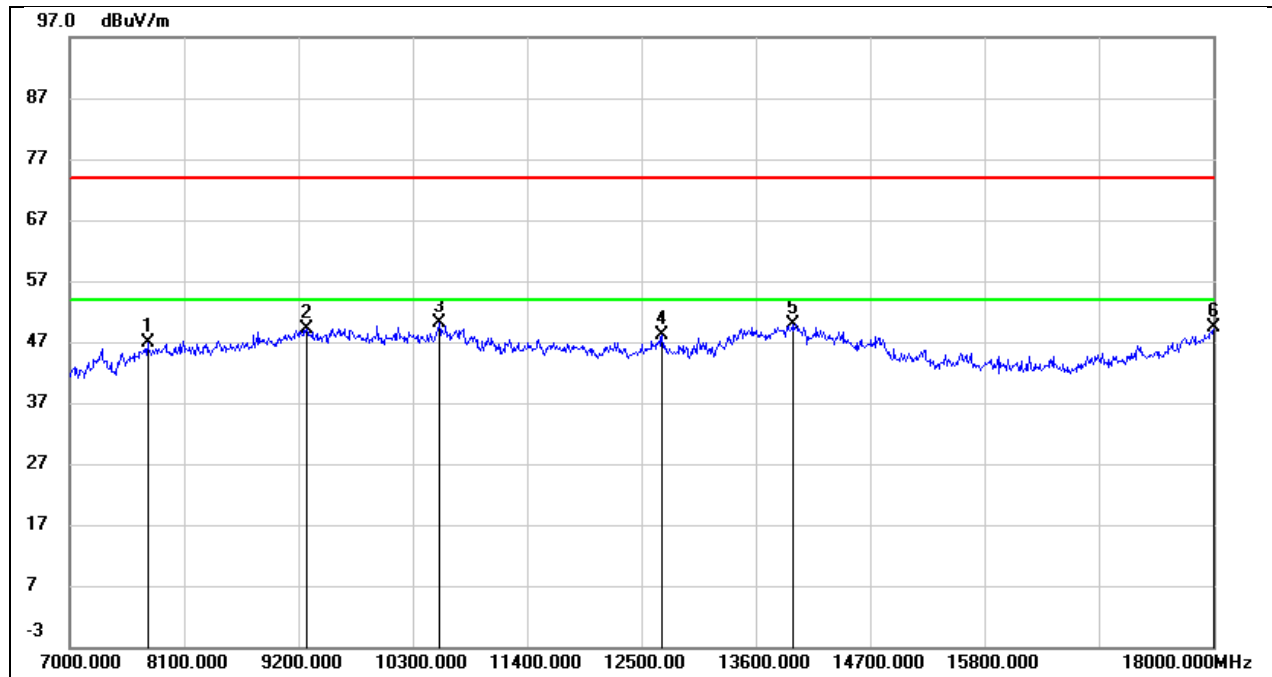
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7671.000	39.19	7.91	47.10	74.00	-26.90	peak
2	9222.000	38.26	11.64	49.90	74.00	-24.10	peak
3	11070.000	35.93	15.44	51.37	74.00	-22.63	peak
4	12159.000	30.11	18.67	48.78	74.00	-25.22	peak
5	13919.000	26.88	23.28	50.16	74.00	-23.84	peak
6	18000.000	20.82	29.61	50.43	74.00	-23.57	peak

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



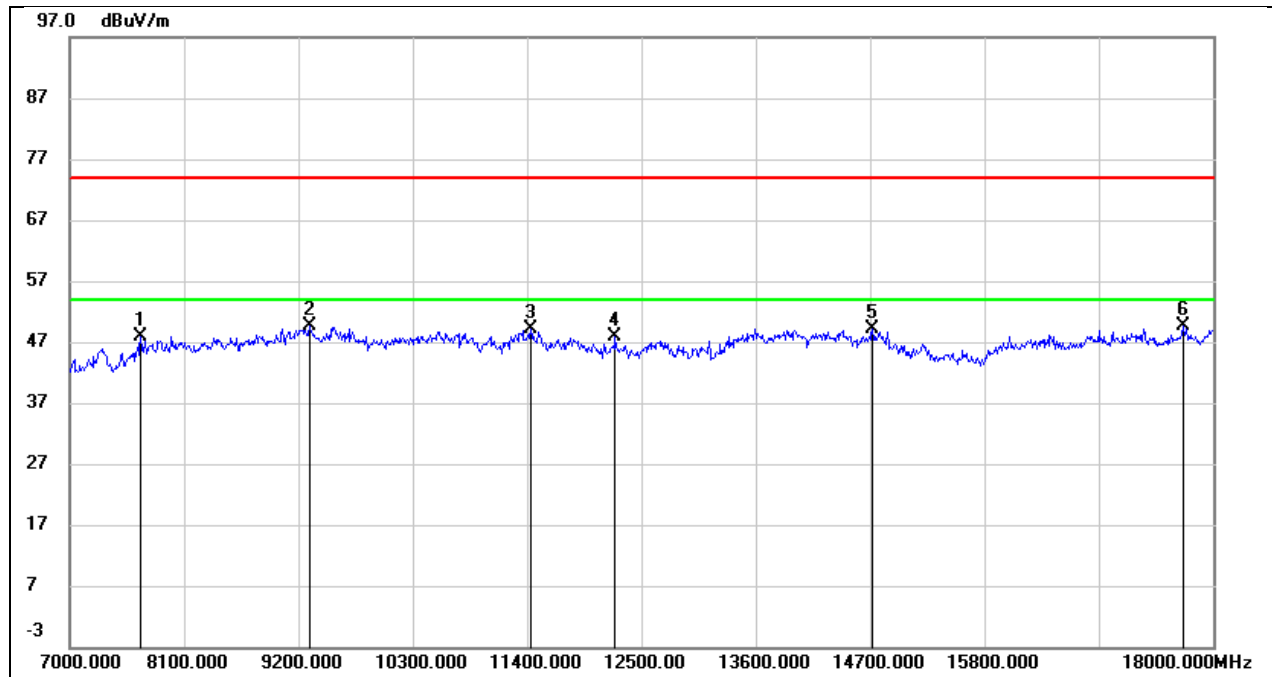
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	37.92	8.35	46.27	74.00	-27.73	peak
2	9662.000	36.14	13.34	49.48	74.00	-24.52	peak
3	11048.000	34.51	14.46	48.97	74.00	-25.03	peak
4	12269.000	29.77	17.80	47.57	74.00	-26.43	peak
5	14436.000	28.54	20.98	49.52	74.00	-24.48	peak
6	17736.000	24.05	25.83	49.88	74.00	-24.12	peak

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



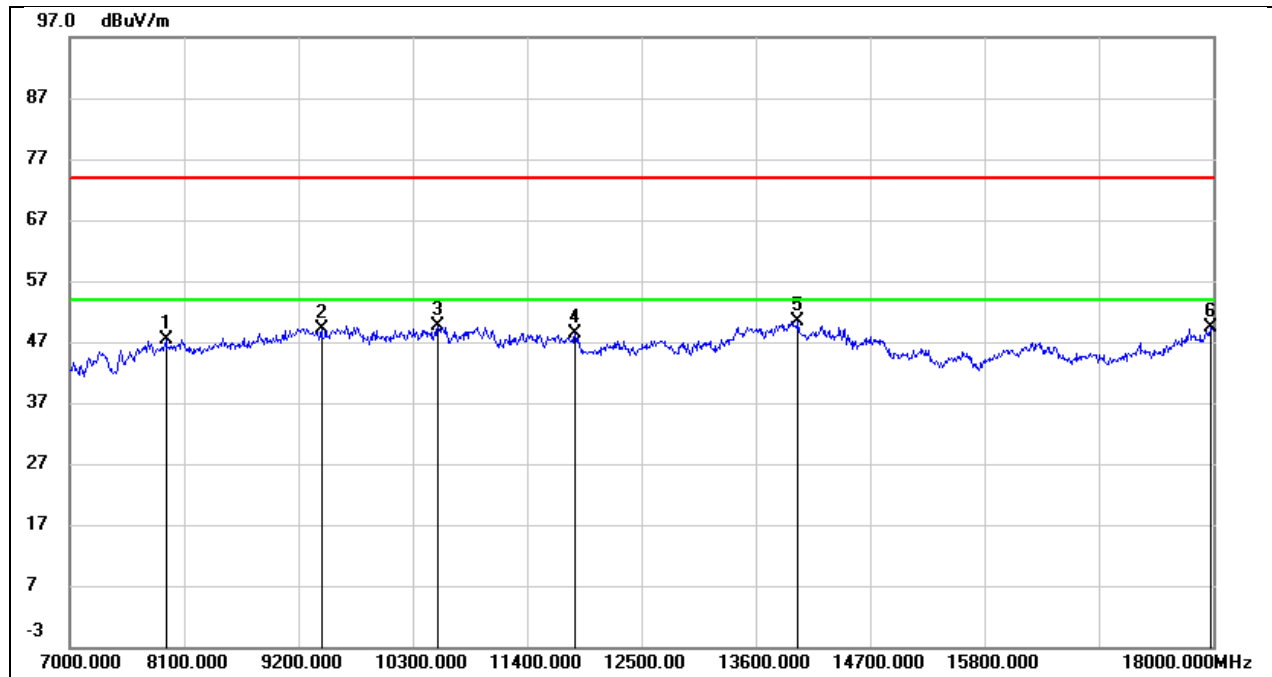
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7748.000	39.01	7.97	46.98	74.00	-27.02	peak
2	9277.000	37.35	11.81	49.16	74.00	-24.84	peak
3	10553.000	36.32	13.70	50.02	74.00	-23.98	peak
4	12698.000	28.48	19.56	48.04	74.00	-25.96	peak
5	13952.000	26.51	23.42	49.93	74.00	-24.07	peak
6	18000.000	19.82	29.61	49.43	74.00	-24.57	peak

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



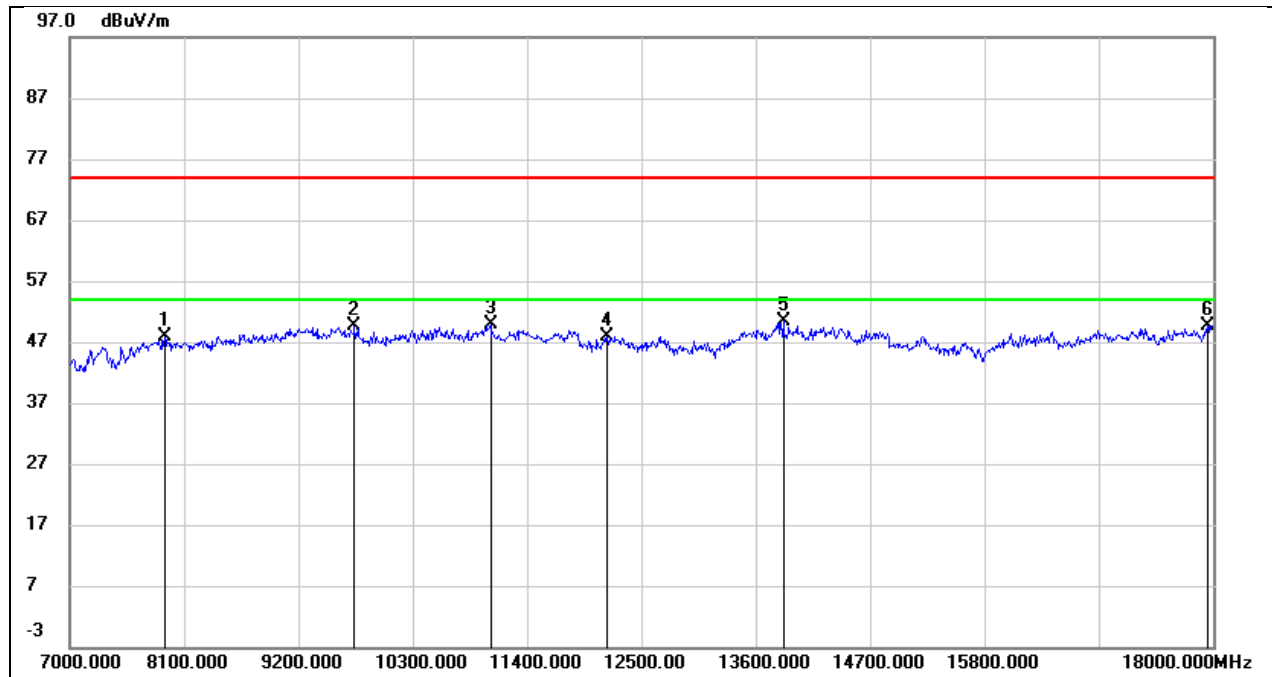
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7682.000	39.58	8.41	47.99	74.00	-26.01	peak
2	9310.000	37.65	12.07	49.72	74.00	-24.28	peak
3	11433.000	32.92	16.11	49.03	74.00	-24.97	peak
4	12247.000	30.00	17.77	47.77	74.00	-26.23	peak
5	14722.000	28.53	20.71	49.24	74.00	-24.76	peak
6	17714.000	23.80	25.71	49.51	74.00	-24.49	peak

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



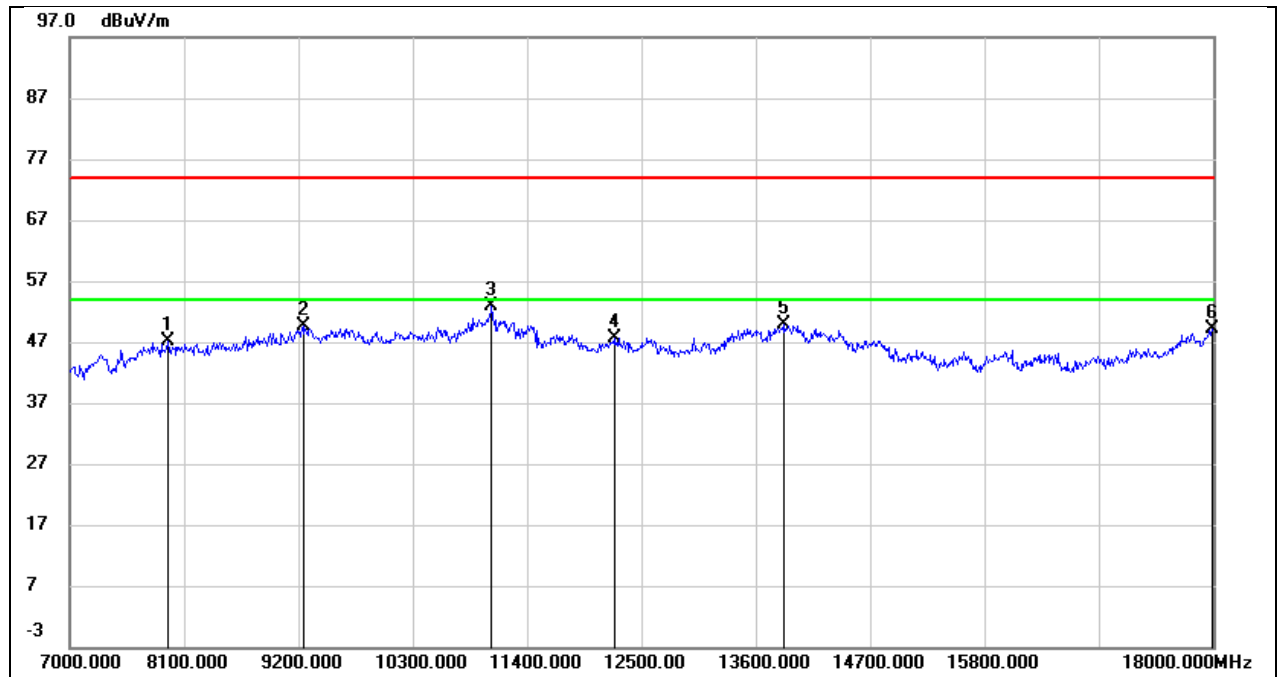
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7924.000	39.39	8.05	47.44	74.00	-26.56	peak
2	9420.000	36.89	12.34	49.23	74.00	-24.77	peak
3	10542.000	35.92	13.66	49.58	74.00	-24.42	peak
4	11862.000	30.30	18.14	48.44	74.00	-25.56	peak
5	14007.000	26.68	23.59	50.27	74.00	-23.73	peak
6	17978.000	20.09	29.38	49.47	74.00	-24.53	peak

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



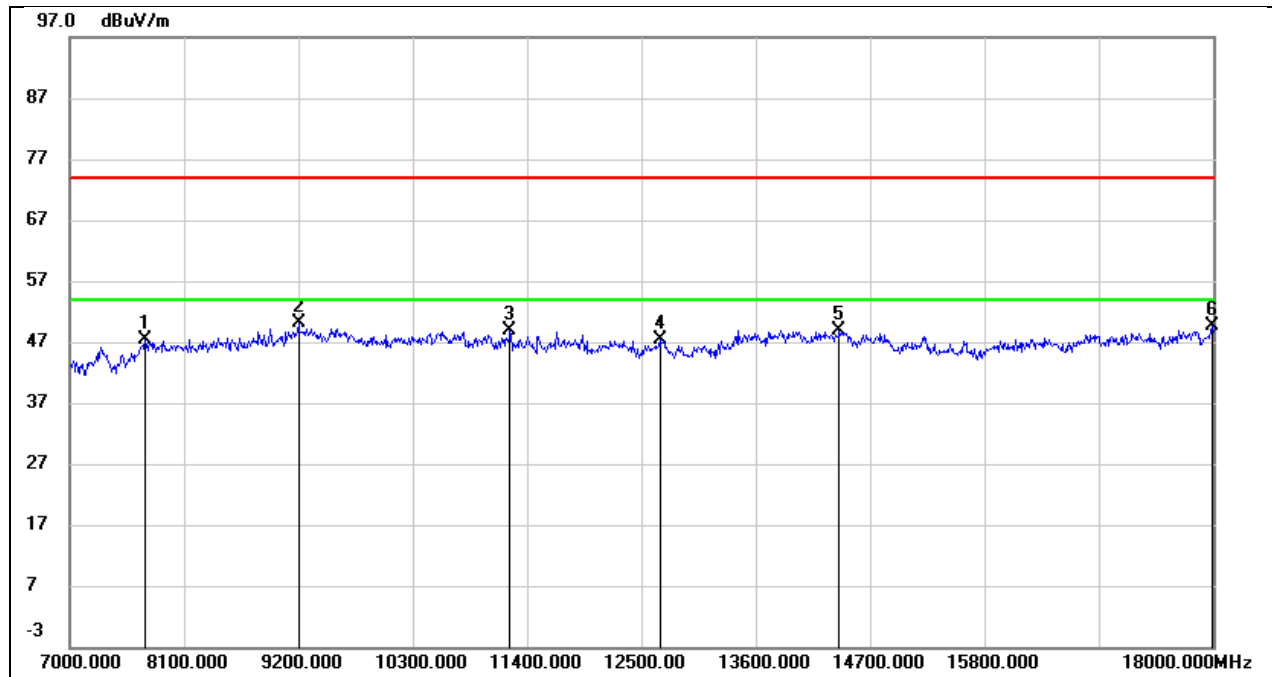
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7913.000	39.30	8.55	47.85	74.00	-26.15	peak
2	9739.000	36.27	13.36	49.63	74.00	-24.37	peak
3	11048.000	35.48	14.46	49.94	74.00	-24.06	peak
4	12170.000	30.35	17.64	47.99	74.00	-26.01	peak
5	13864.000	28.89	21.43	50.32	74.00	-23.68	peak
6	17945.000	22.65	27.07	49.72	74.00	-24.28	peak

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



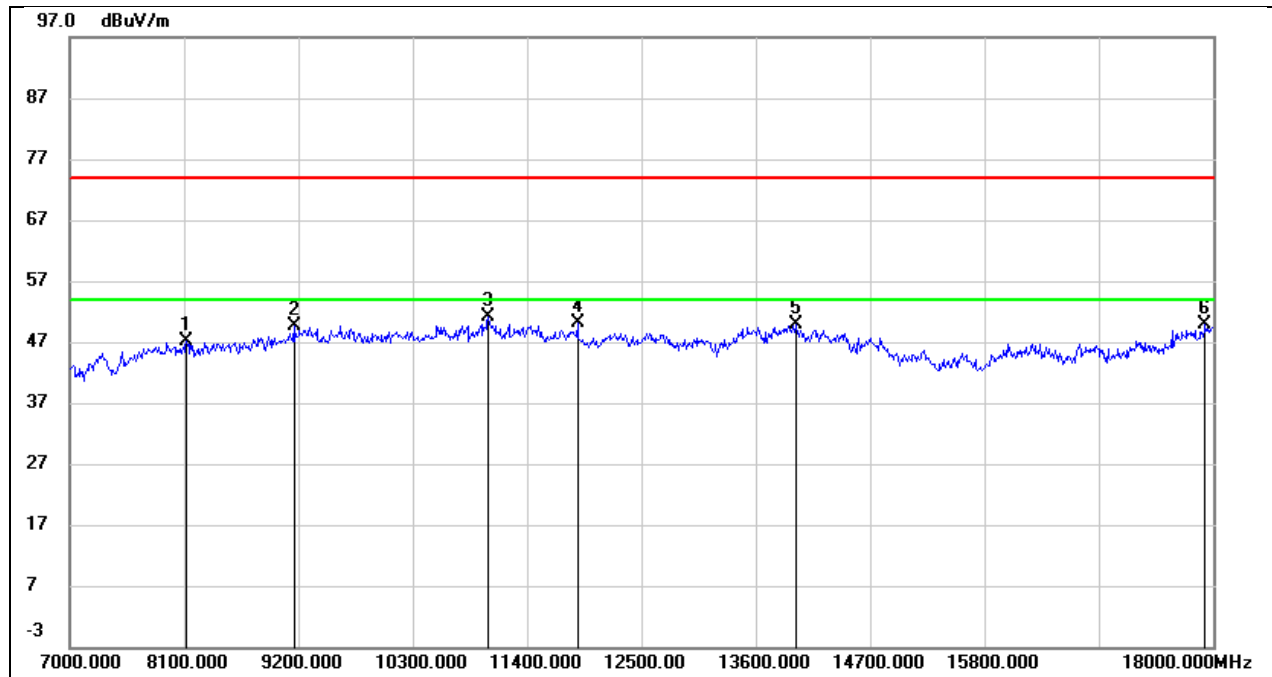
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7946.000	39.10	8.06	47.16	74.00	-26.84	peak
2	9255.000	37.99	11.74	49.73	74.00	-24.27	peak
3	11059.000	37.49	15.39	52.88	74.00	-21.12	peak
4	12236.000	28.96	18.76	47.72	74.00	-26.28	peak
5	13875.000	26.65	23.11	49.76	74.00	-24.24	peak
6	17989.000	19.68	29.49	49.17	74.00	-24.83	peak

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



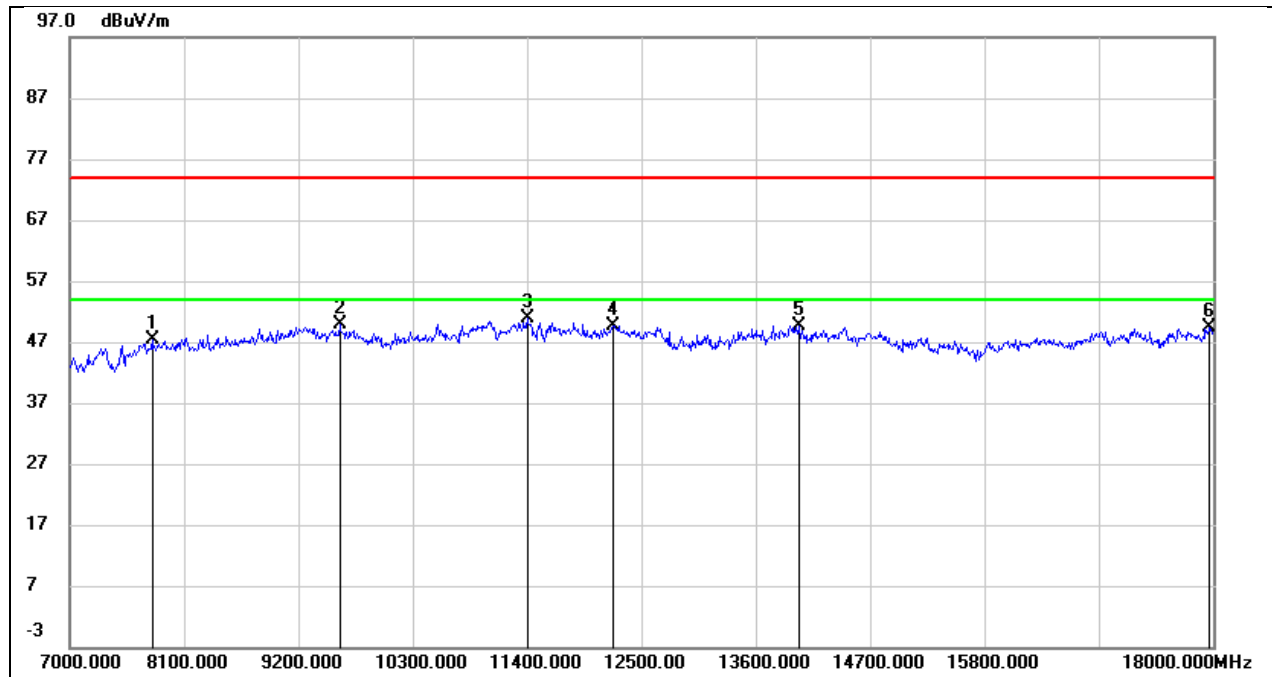
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7726.000	38.88	8.45	47.33	74.00	-26.67	peak
2	9200.000	38.36	11.80	50.16	74.00	-23.84	peak
3	11235.000	33.62	15.25	48.87	74.00	-25.13	peak
4	12676.000	28.92	18.47	47.39	74.00	-26.61	peak
5	14403.000	27.95	21.00	48.95	74.00	-25.05	peak
6	17989.000	22.25	27.33	49.58	74.00	-24.42	peak

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



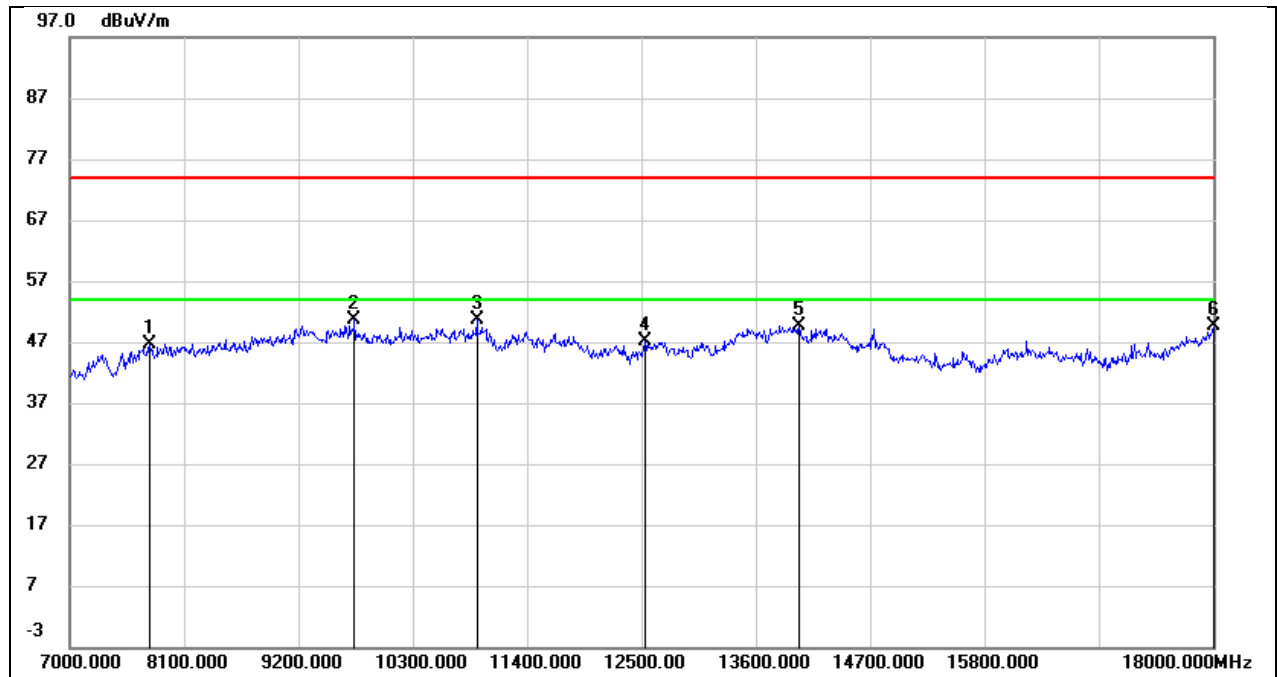
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8122.000	38.78	8.24	47.02	74.00	-26.98	peak
2	9156.000	38.32	11.36	49.68	74.00	-24.32	peak
3	11026.000	35.85	15.21	51.06	74.00	-22.94	peak
4	11884.000	31.91	18.20	50.11	74.00	-23.89	peak
5	13985.000	26.36	23.55	49.91	74.00	-24.09	peak
6	17923.000	21.07	28.78	49.85	74.00	-24.15	peak

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



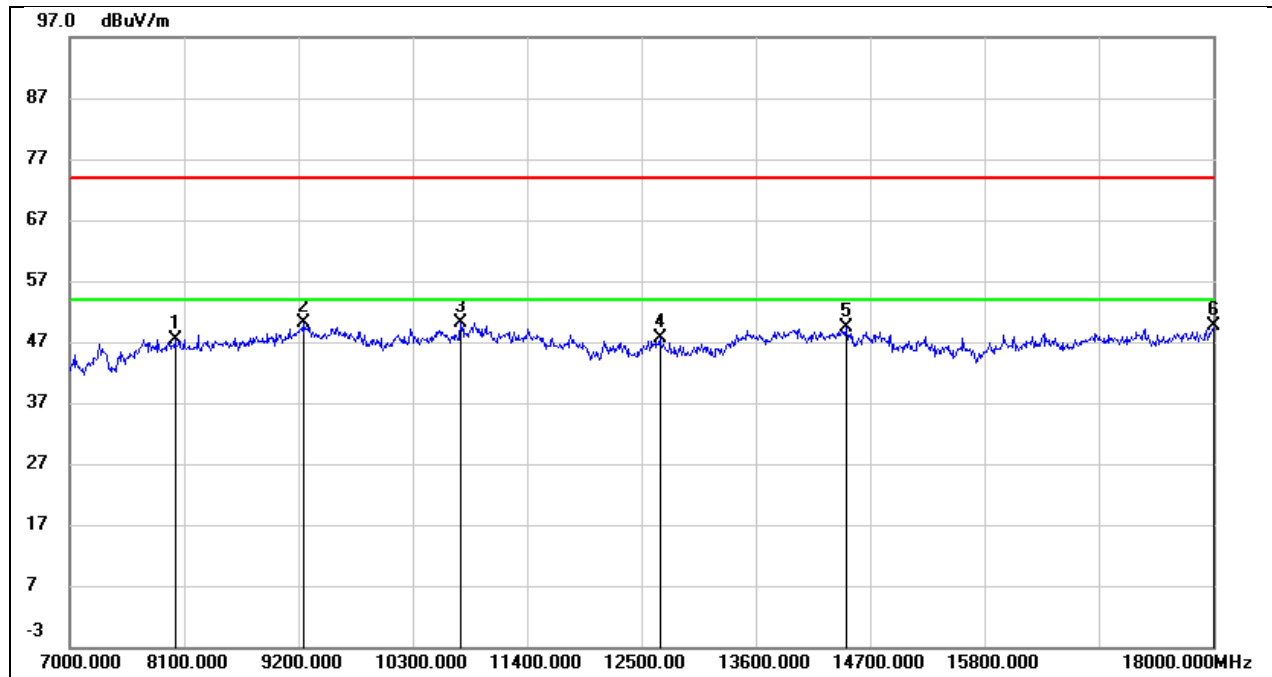
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7792.000	38.90	8.51	47.41	74.00	-26.59	peak
2	9596.000	36.55	13.30	49.85	74.00	-24.15	peak
3	11400.000	34.78	16.00	50.78	74.00	-23.22	peak
4	12225.000	31.93	17.74	49.67	74.00	-24.33	peak
5	14018.000	27.72	21.99	49.71	74.00	-24.29	peak
6	17967.000	22.26	27.20	49.46	74.00	-24.54	peak

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



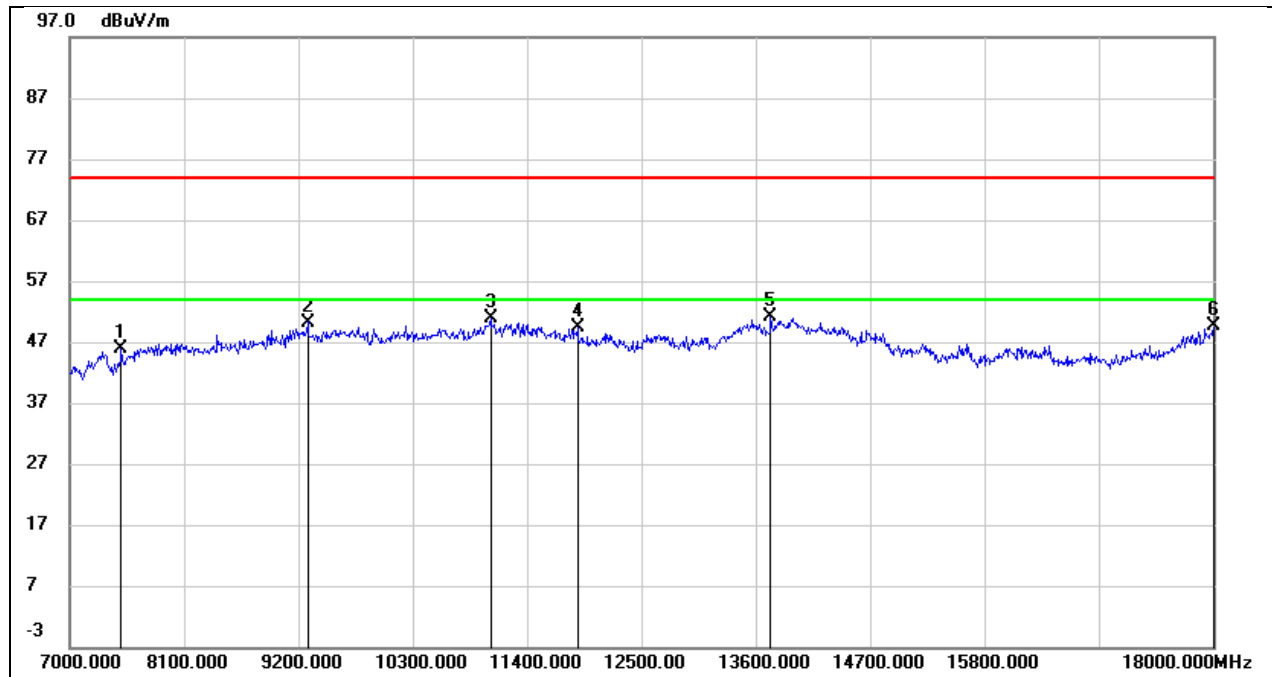
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7770.000	38.64	7.99	46.63	74.00	-27.37	peak
2	9739.000	37.04	13.70	50.74	74.00	-23.26	peak
3	10916.000	35.80	14.79	50.59	74.00	-23.41	peak
4	12533.000	28.05	19.05	47.10	74.00	-26.90	peak
5	14018.000	26.17	23.54	49.71	74.00	-24.29	peak
6	18000.000	20.10	29.61	49.71	74.00	-24.29	peak

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



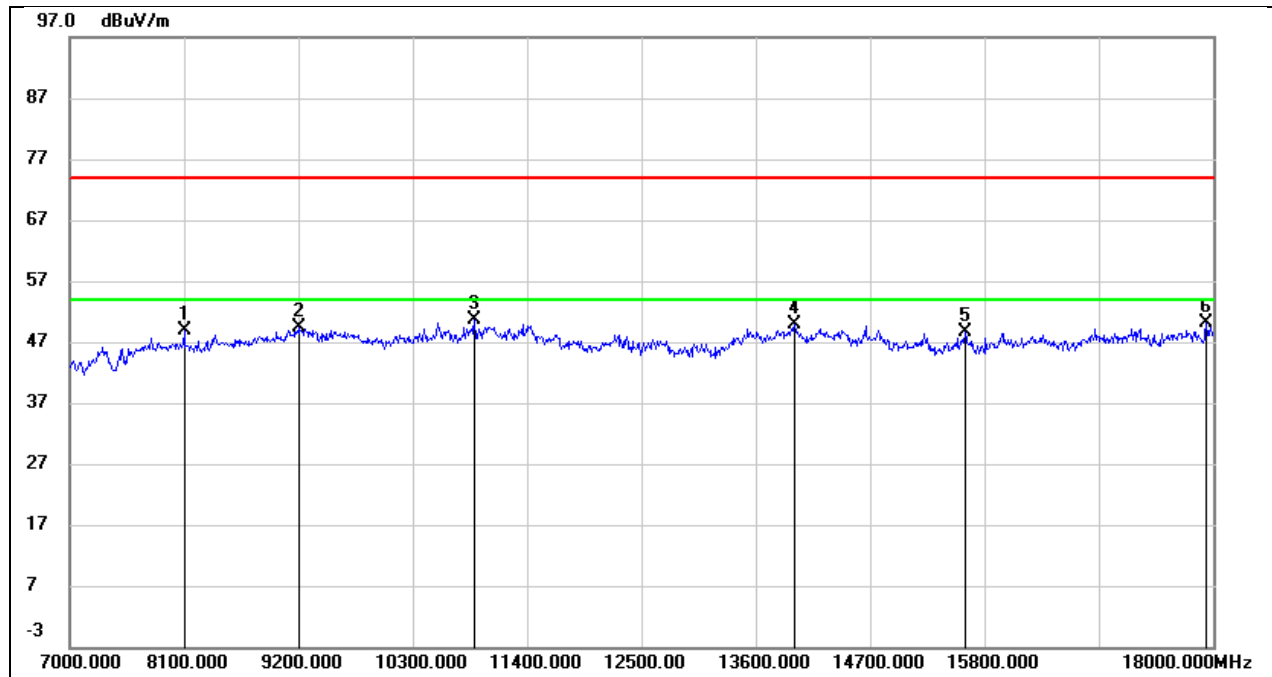
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8012.000	38.91	8.59	47.50	74.00	-26.50	peak
2	9244.000	38.18	11.92	50.10	74.00	-23.90	peak
3	10762.000	36.43	13.80	50.23	74.00	-23.77	peak
4	12676.000	29.11	18.47	47.58	74.00	-26.42	peak
5	14469.000	28.29	20.97	49.26	74.00	-24.74	peak
6	18000.000	22.18	27.41	49.59	74.00	-24.41	peak

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



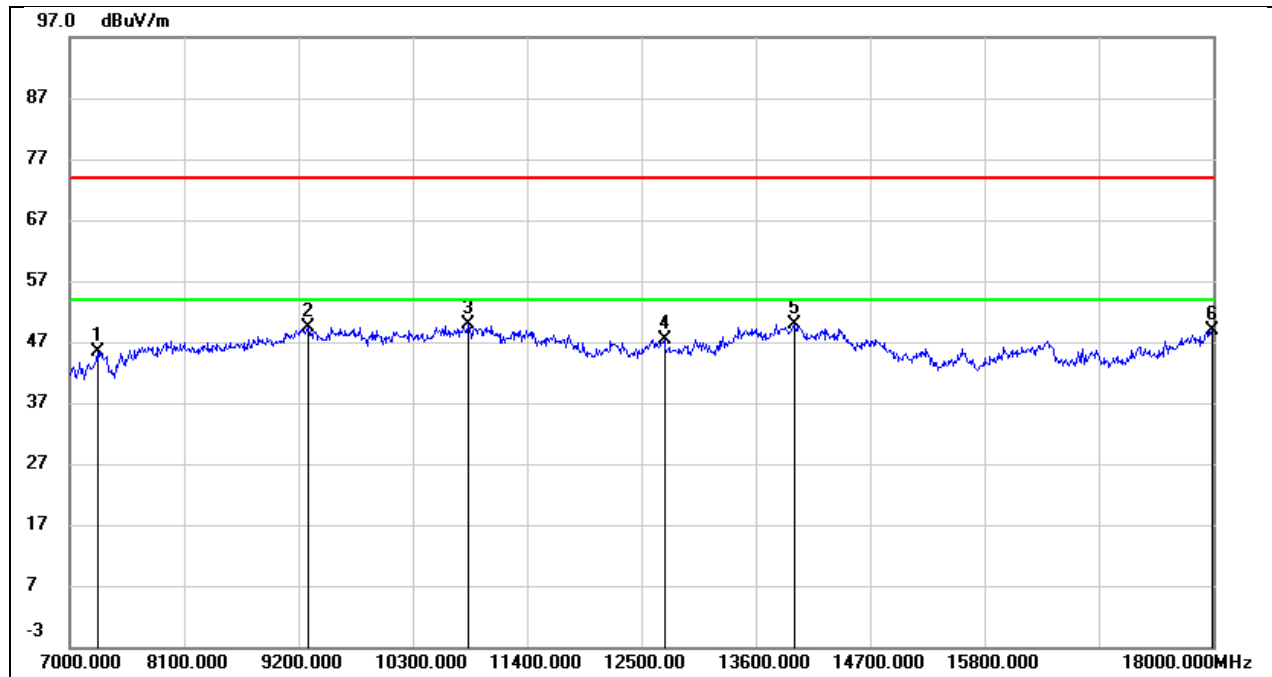
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	38.14	7.84	45.98	74.00	-28.02	peak
2	9288.000	38.41	11.84	50.25	74.00	-23.75	peak
3	11048.000	35.51	15.33	50.84	74.00	-23.16	peak
4	11884.000	31.16	18.20	49.36	74.00	-24.64	peak
5	13743.000	28.40	22.64	51.04	74.00	-22.96	peak
6	18000.000	19.91	29.61	49.52	74.00	-24.48	peak

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



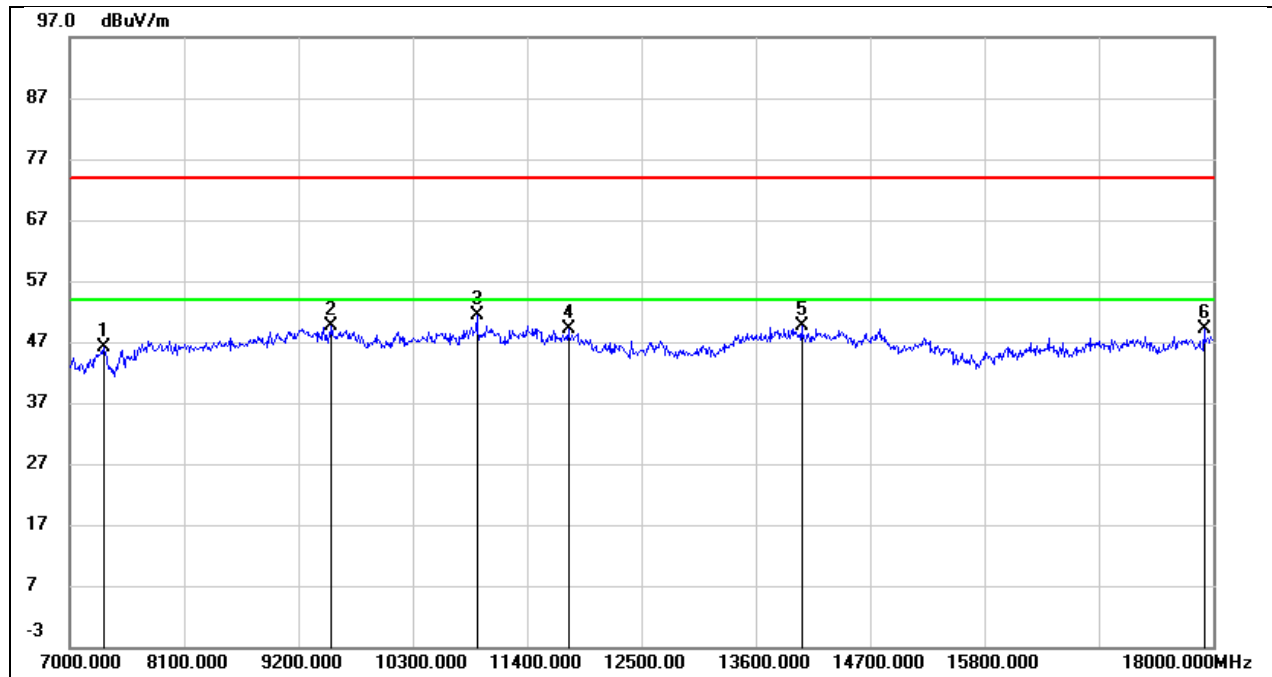
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8100.000	40.13	8.73	48.86	74.00	-25.14	peak
2	9211.000	37.57	11.82	49.39	74.00	-24.61	peak
3	10894.000	36.65	14.05	50.70	74.00	-23.30	peak
4	13974.000	27.87	21.89	49.76	74.00	-24.24	peak
5	15613.000	27.69	20.93	48.62	74.00	-25.38	peak
6	17934.000	23.09	27.00	50.09	74.00	-23.91	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	7264.000	37.71	7.60	45.31	74.00	-28.69	peak
2	9288.000	37.62	11.84	49.46	74.00	-24.54	peak
3	10839.000	35.36	14.55	49.91	74.00	-24.09	peak
4	12720.000	27.81	19.65	47.46	74.00	-26.54	peak
5	13974.000	26.32	23.50	49.82	74.00	-24.18	peak
6	17989.000	19.27	29.49	48.76	74.00	-25.24	peak

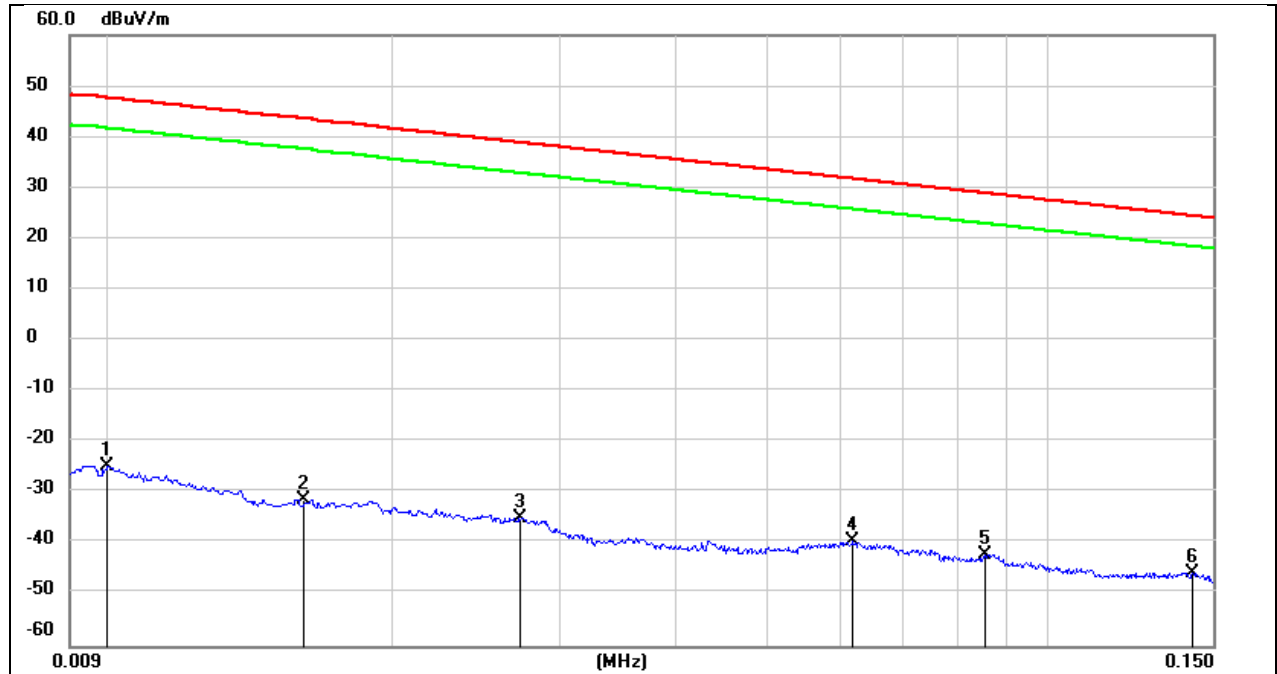
Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7330.000	37.86	8.30	46.16	74.00	-27.84	peak
2	9519.000	36.66	12.94	49.60	74.00	-24.40	peak
3	10916.000	37.24	14.09	51.33	74.00	-22.67	peak
4	11796.000	32.40	16.73	49.13	74.00	-24.87	peak
5	14040.000	27.78	21.95	49.73	74.00	-24.27	peak
6	17912.000	22.22	26.87	49.09	74.00	-24.91	peak

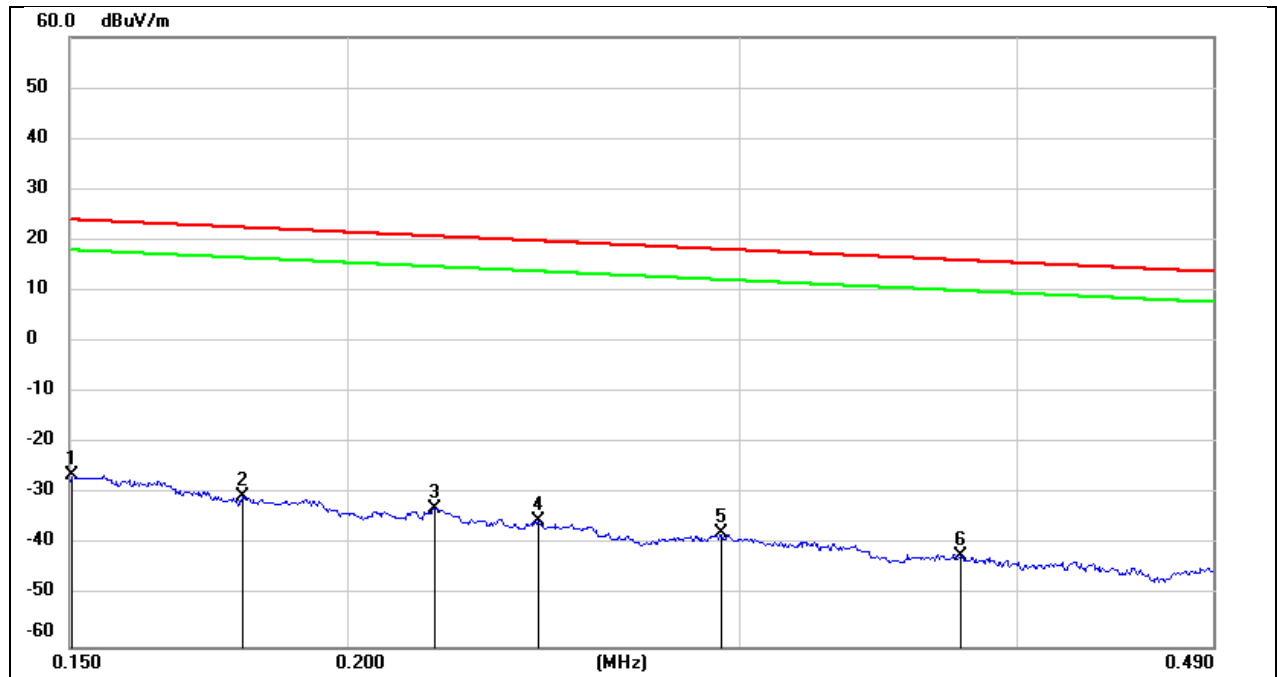
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



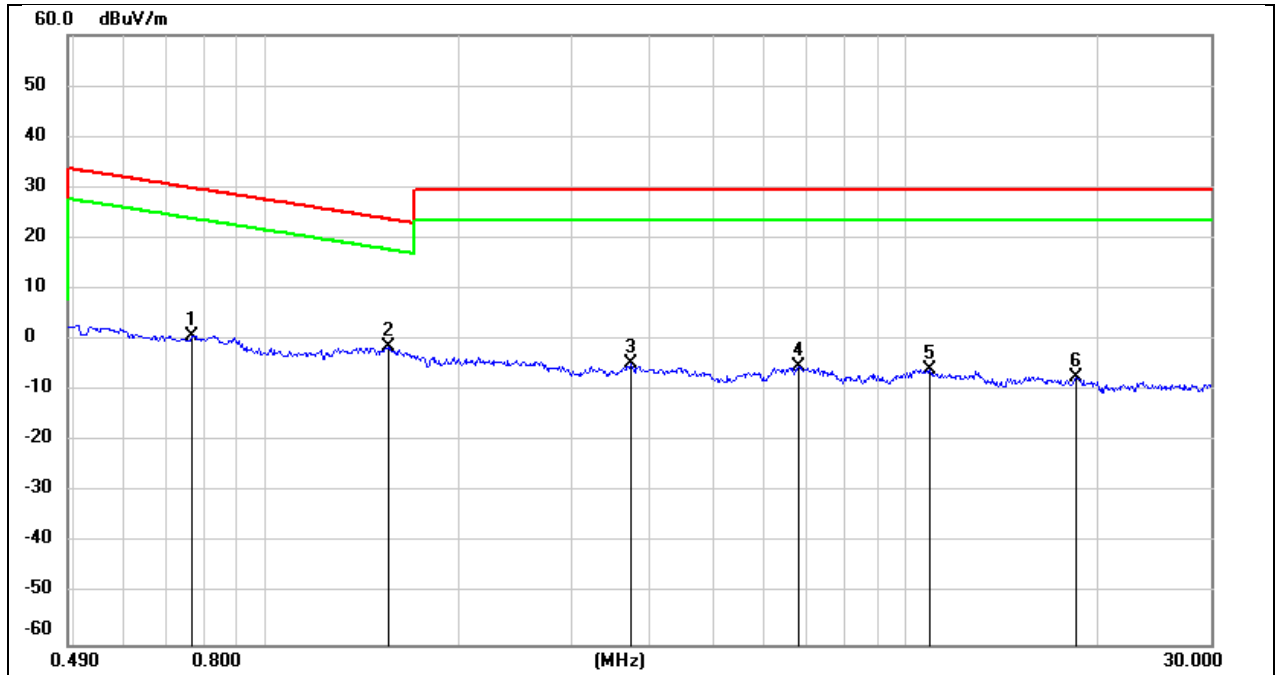
No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0100	76.72	-101.40	-24.68	47.60	-76.18	-3.90	-72.28	peak
2	0.0160	69.97	-101.37	-31.40	43.52	-82.90	-7.98	-74.92	peak
3	0.0273	66.49	-101.38	-34.89	38.88	-86.39	-12.62	-73.77	peak
4	0.0618	62.02	-101.53	-39.51	31.78	-91.01	-19.72	-71.29	peak
5	0.0855	59.67	-101.68	-42.01	28.96	-93.51	-22.54	-70.97	peak
6	0.1428	55.95	-101.66	-45.71	24.51	-97.21	-26.99	-70.22	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



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	0.1504	75.25	-101.63	-26.38	24.06	-77.88	-27.44	-50.44	peak
2	0.1794	71.27	-101.68	-30.41	22.53	-81.91	-28.97	-52.94	peak
3	0.2190	68.77	-101.75	-32.98	20.79	-84.48	-30.71	-53.77	peak
4	0.2436	66.46	-101.79	-35.33	19.87	-86.83	-31.63	-55.20	peak
5	0.2948	64.05	-101.85	-37.80	18.21	-89.30	-33.29	-56.01	peak
6	0.3775	59.85	-101.94	-42.09	16.06	-93.59	-35.44	-58.15	peak

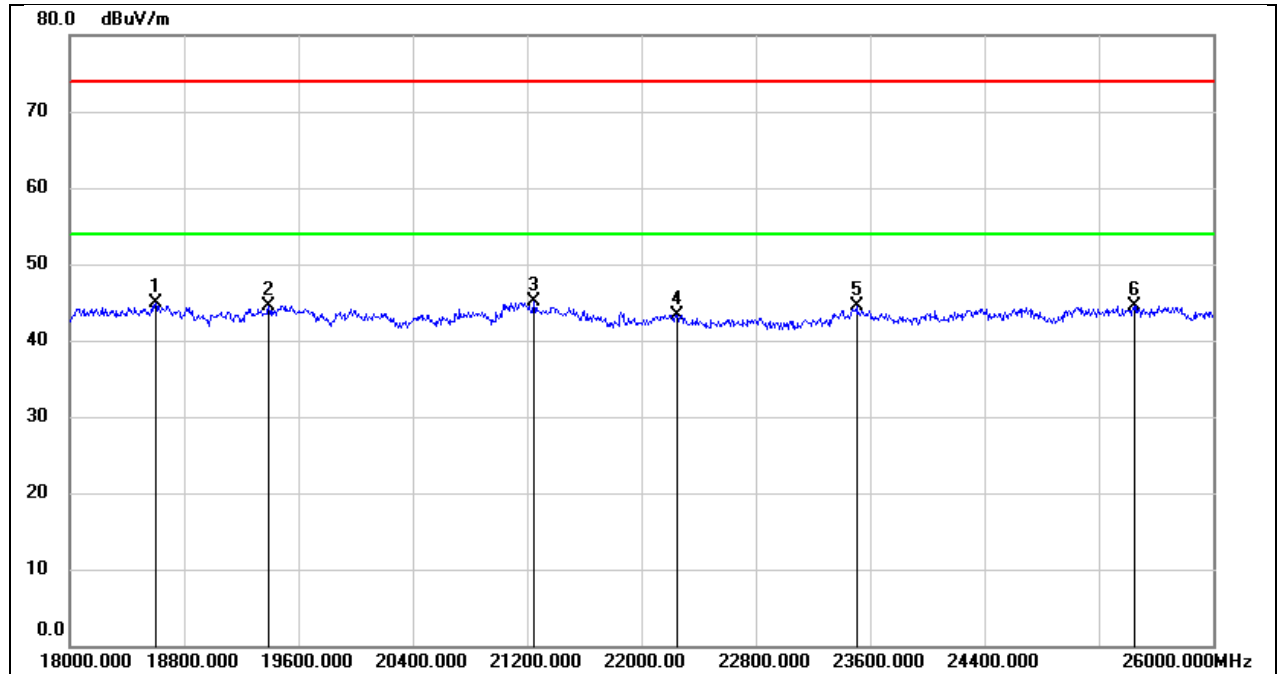
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



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	0.7641	62.92	-62.12	0.80	29.94	-50.70	-21.56	-29.14	peak
2	1.5564	60.68	-62.02	-1.34	23.76	-52.84	-27.74	-25.10	peak
3	3.7100	56.70	-61.41	-4.71	29.54	-56.21	-21.96	-34.25	peak
4	6.8051	55.99	-61.24	-5.25	29.54	-56.75	-21.96	-34.79	peak
5	10.9365	55.00	-60.84	-5.84	29.54	-57.34	-21.96	-35.38	peak
6	18.4908	53.56	-60.89	-7.33	29.54	-58.83	-21.96	-36.87	peak

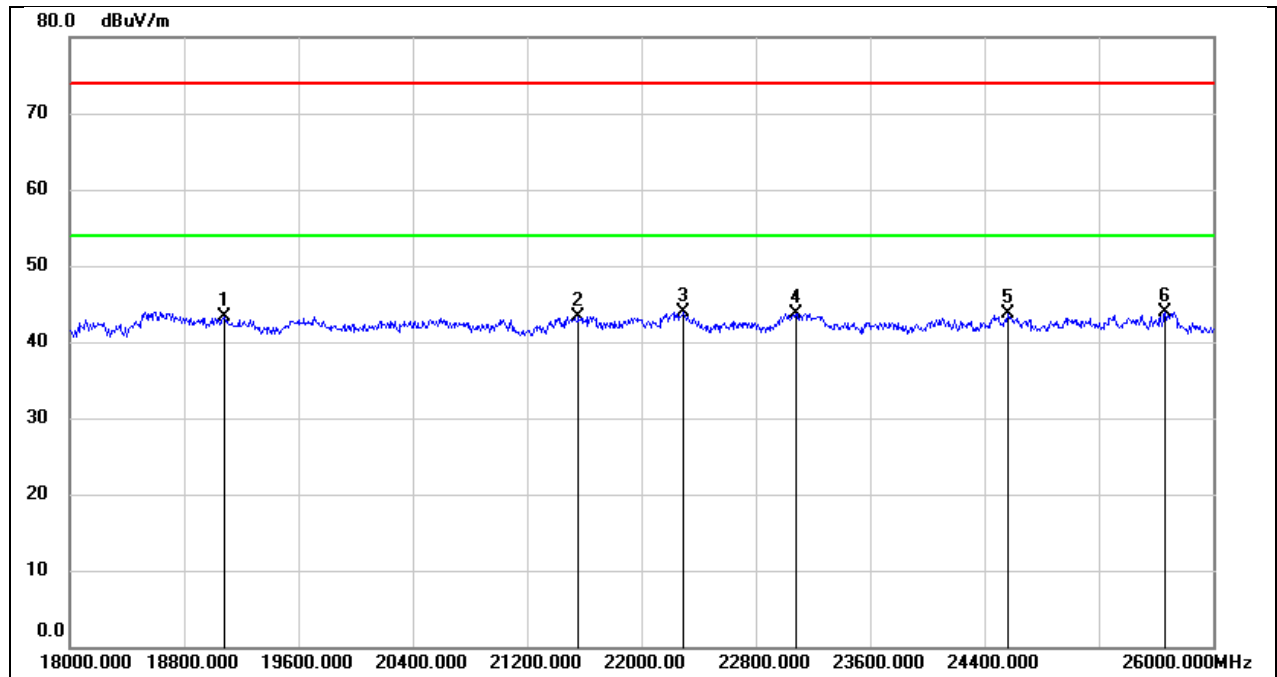
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
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	18600.000	50.26	-5.32	44.94	74.00	-29.06	peak
2	19392.000	50.12	-5.57	44.55	74.00	-29.45	peak
3	21248.000	49.79	-4.77	45.02	74.00	-28.98	peak
4	22248.000	47.62	-4.22	43.40	74.00	-30.60	peak
5	23504.000	47.62	-3.14	44.48	74.00	-29.52	peak
6	25448.000	46.33	-1.76	44.57	74.00	-29.43	peak

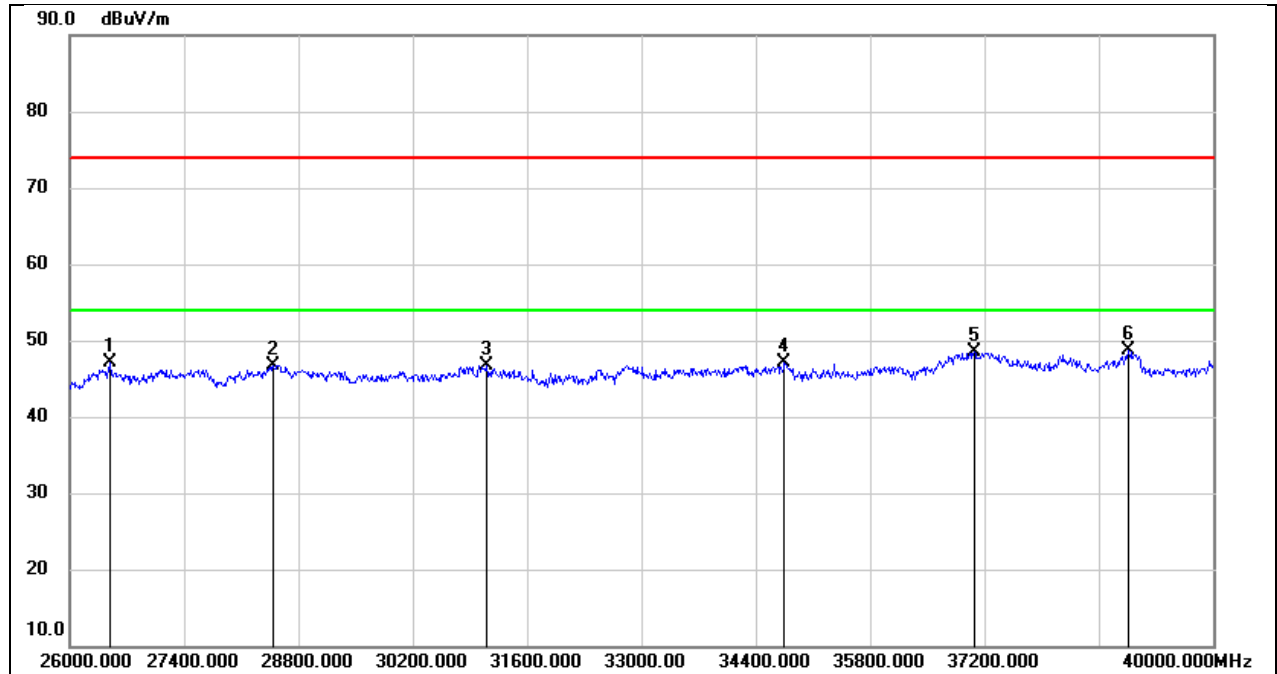
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19080.000	48.60	-5.34	43.26	74.00	-30.74	peak
2	21560.000	47.99	-4.60	43.39	74.00	-30.61	peak
3	22296.000	48.03	-4.15	43.88	74.00	-30.12	peak
4	23080.000	47.16	-3.42	43.74	74.00	-30.26	peak
5	24568.000	46.10	-2.33	43.77	74.00	-30.23	peak
6	25664.000	44.89	-1.01	43.88	74.00	-30.12	peak

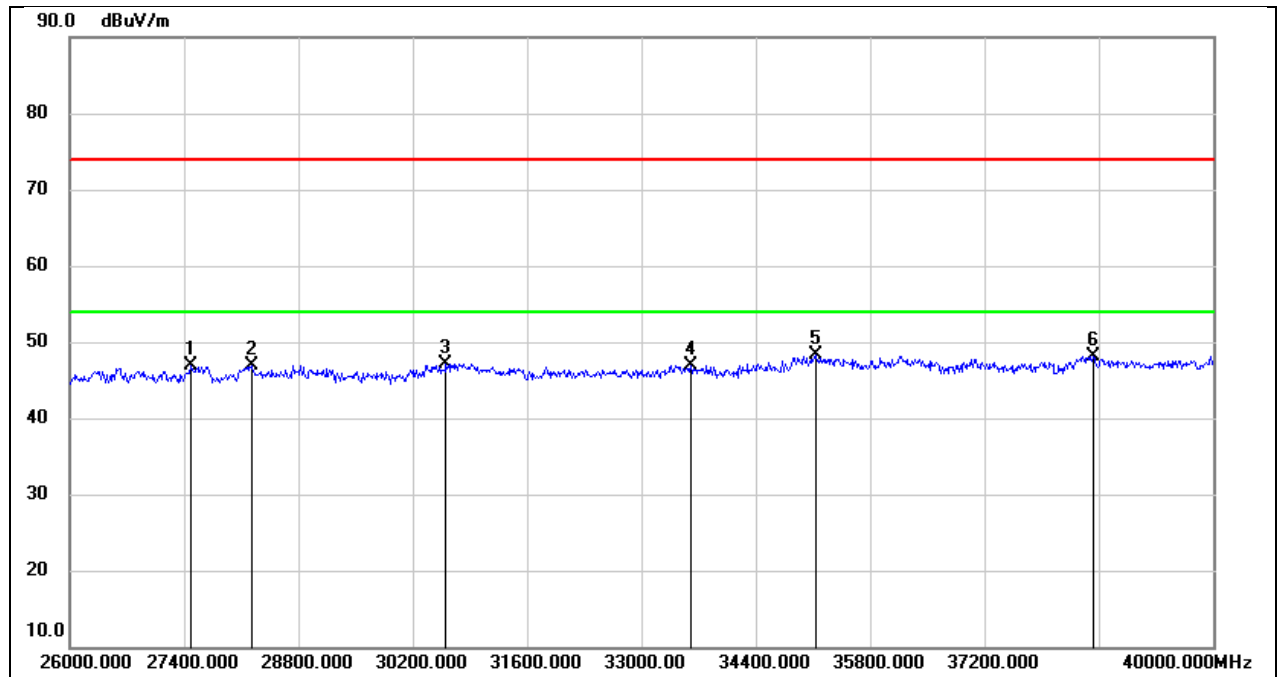
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
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	26490.000	51.79	-4.74	47.05	74.00	-26.95	peak
2	28492.000	49.46	-2.70	46.76	74.00	-27.24	peak
3	31110.000	47.37	-0.75	46.62	74.00	-27.38	peak
4	34750.000	45.50	1.56	47.06	74.00	-26.94	peak
5	37074.000	45.27	3.20	48.47	74.00	-25.53	peak
6	38964.000	44.28	4.33	48.61	74.00	-25.39	peak

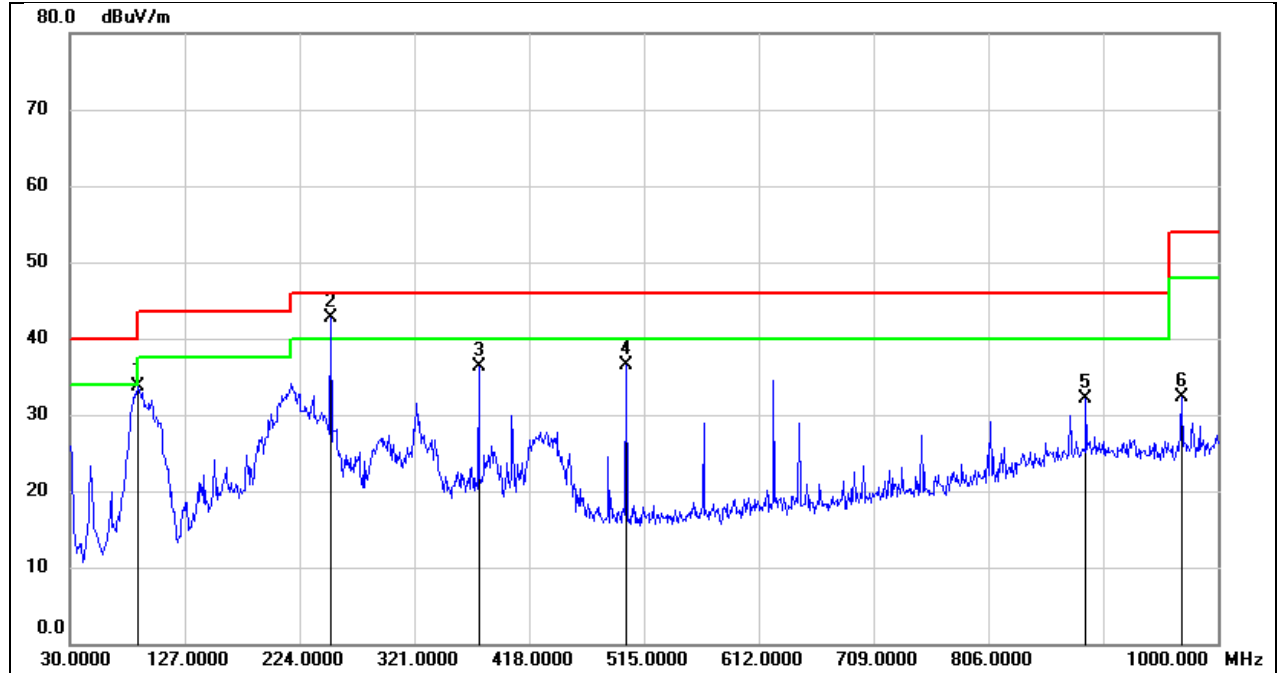
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27484.000	50.33	-3.47	46.86	74.00	-27.14	peak
2	28226.000	49.41	-2.55	46.86	74.00	-27.14	peak
3	30606.000	48.19	-1.01	47.18	74.00	-26.82	peak
4	33602.000	46.51	0.46	46.97	74.00	-27.03	peak
5	35142.000	46.17	2.07	48.24	74.00	-25.76	peak
6	38530.000	44.50	3.60	48.10	74.00	-25.90	peak

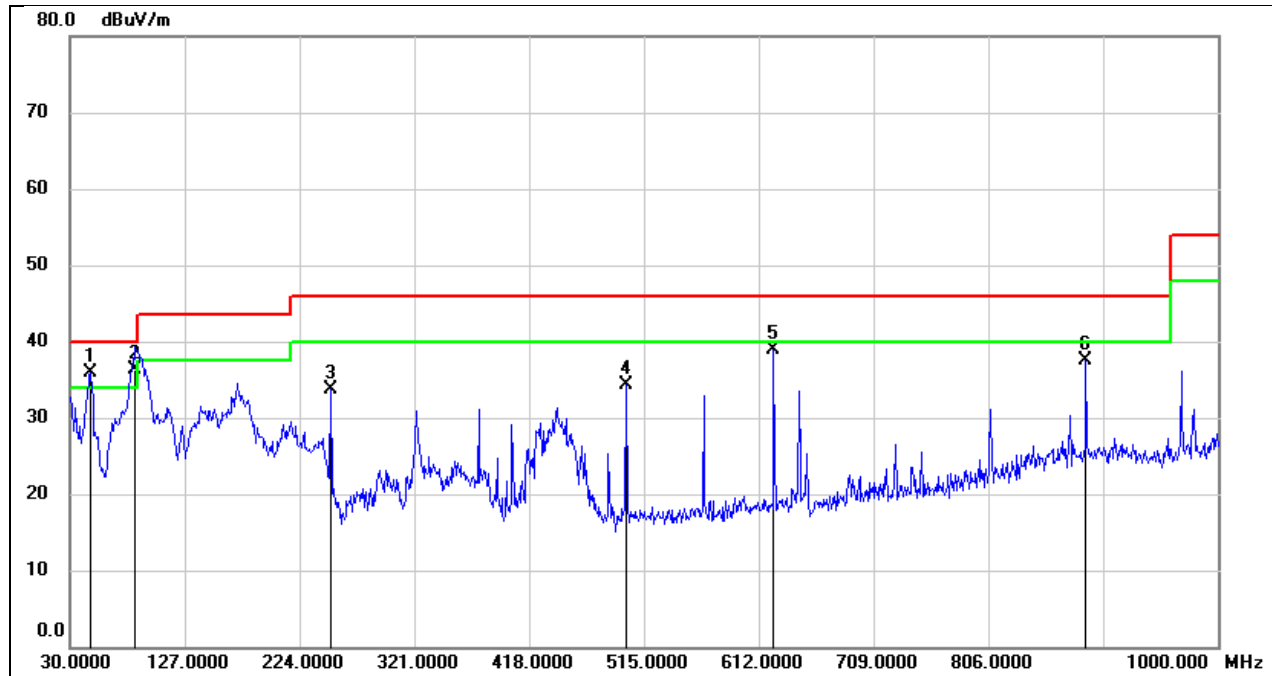
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

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	87.2300	50.26	-16.47	33.79	40.00	-6.21	QP
2	250.1900	57.22	-14.56	42.66	46.00	-3.34	QP
3	375.3200	45.83	-9.57	36.26	46.00	-9.74	QP
4	500.4500	44.26	-7.67	36.59	46.00	-9.41	QP
5	888.4500	32.74	-0.63	32.11	46.00	-13.89	QP
6	968.9600	32.88	-0.57	32.31	54.00	-21.69	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	47.4600	51.01	-15.01	36.00	40.00	-4.00	QP
2	85.2900	52.57	-16.34	36.23	40.00	-3.77	QP
3	250.1900	48.34	-14.56	33.78	46.00	-12.22	QP
4	500.4500	42.01	-7.67	34.34	46.00	-11.66	QP
5	624.6100	44.60	-5.67	38.93	46.00	-7.07	QP
6	888.4500	38.16	-0.63	37.53	46.00	-8.47	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

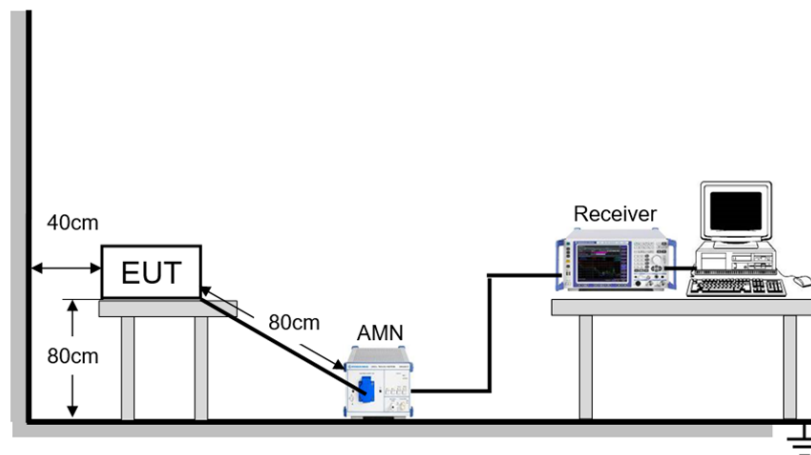
TEST PROCEDURE

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

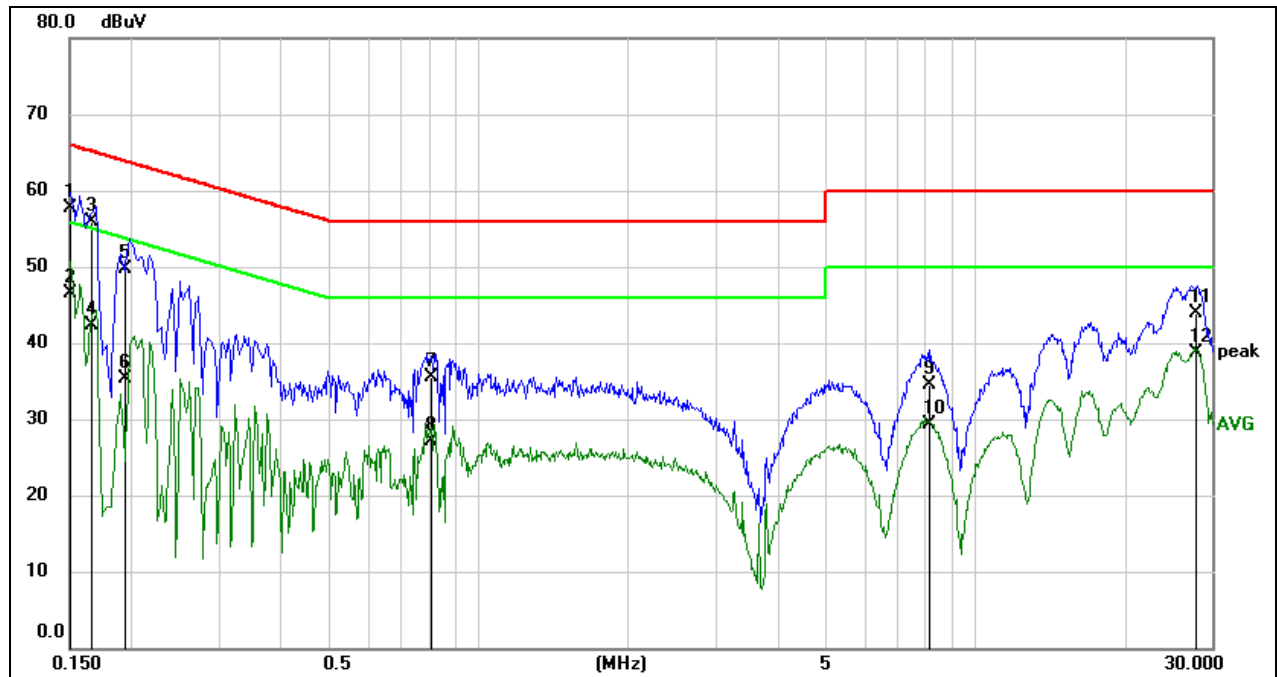
Temperature	23.2°C	Relative Humidity	54.7%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V_60Hz

TEST DATE / ENGINEER

Test Date	June 12, 2025	Test By	Deacon Tan
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TEST RESULTS

Test Mode:	802.11a20	Frequency(MHz):	5180
Line:	Line		



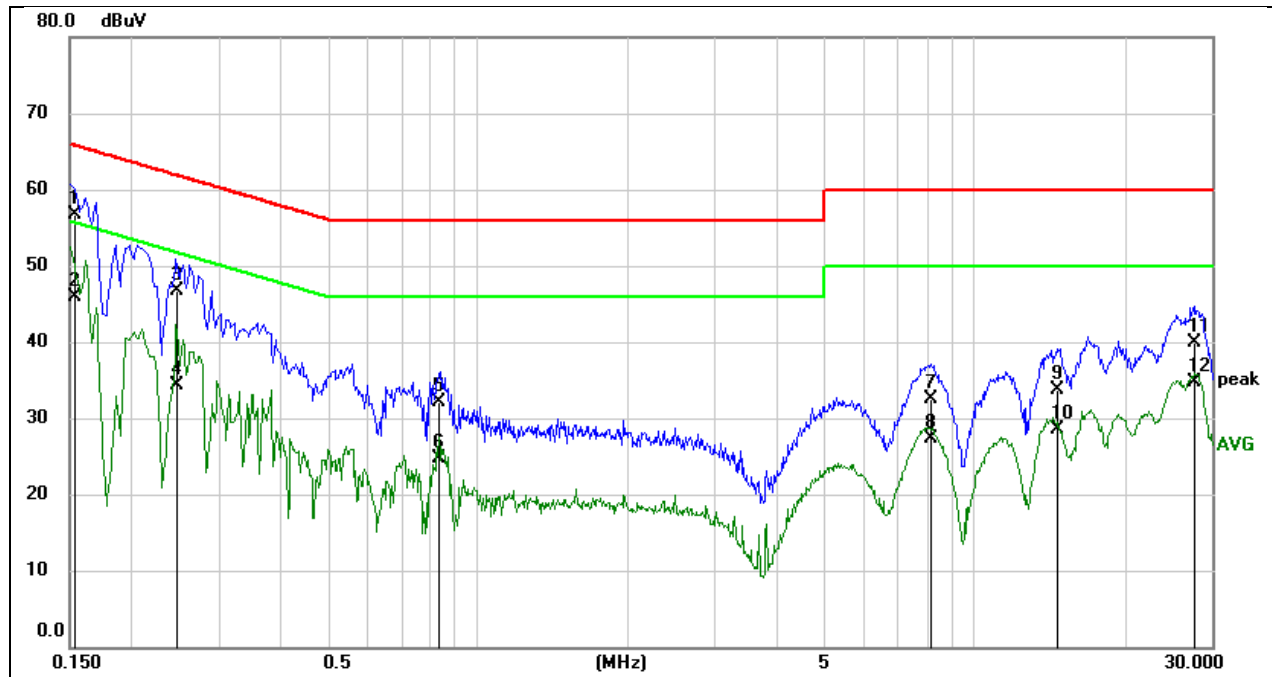
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1502	48.02	9.74	57.76	65.99	-8.23	QP
2	0.1502	36.71	9.74	46.45	55.99	-9.54	AVG
3	0.1660	46.10	9.71	55.81	65.16	-9.35	QP
4	0.1660	32.66	9.71	42.37	55.16	-12.79	AVG
5	0.1940	39.97	9.65	49.62	63.86	-14.24	QP
6	0.1940	25.60	9.65	35.25	53.86	-18.61	AVG
7	0.8096	25.83	9.63	35.46	56.00	-20.54	QP
8	0.8096	17.55	9.63	27.18	46.00	-18.82	AVG
9	8.1291	24.70	9.73	34.43	60.00	-25.57	QP
10	8.1291	19.54	9.73	29.27	50.00	-20.73	AVG
11	27.9731	34.21	9.66	43.87	60.00	-16.13	QP
12	27.9731	28.96	9.66	38.62	50.00	-11.38	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:	802.11a20	Frequency(MHz):	5180
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1545	46.98	9.64	56.62	65.75	-9.13	QP
2	0.1545	36.20	9.64	45.84	55.75	-9.91	AVG
3	0.2469	37.07	9.64	46.71	61.86	-15.15	QP
4	0.2469	24.74	9.64	34.38	51.86	-17.48	AVG
5	0.8359	22.44	9.63	32.07	56.00	-23.93	QP
6	0.8359	15.17	9.63	24.80	46.00	-21.20	AVG
7	8.2011	22.77	9.73	32.50	60.00	-27.50	QP
8	8.2011	17.67	9.73	27.40	50.00	-22.60	AVG
9	14.5741	24.05	9.74	33.79	60.00	-26.21	QP
10	14.5741	18.69	9.74	28.43	50.00	-21.57	AVG
11	27.8859	30.31	9.66	39.97	60.00	-20.03	QP
12	27.8859	25.05	9.66	34.71	50.00	-15.29	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	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	21.080	5169.320	5190.400	PASS
		5200	21.080	5189.400	5210.480	PASS
		5240	21.080	5229.640	5250.720	PASS
		5260	21.520	5249.440	5270.960	PASS
		5280	20.800	5269.600	5290.400	PASS
		5320	22.000	5309.440	5331.440	PASS
		5500	20.720	5489.680	5510.400	PASS
		5580	20.000	5569.960	5589.960	PASS
		5700	21.160	5689.360	5710.520	PASS
		5720	21.760	5708.720	5730.480	PASS
		5720 UNII-2C	16.28	5708.720	5725	PASS
		5720 UNII-3	5.48	5725	5730.480	PASS
		5745	20.160	5734.840	5755.000	PASS
		5785	20.400	5774.920	5795.320	PASS
		5825	21.040	5814.360	5835.400	PASS
11N20SISO	Ant1	5180	21.520	5169.320	5190.840	PASS
		5200	21.120	5189.360	5210.480	PASS
		5240	20.520	5229.640	5250.160	PASS
		5260	21.960	5249.280	5271.240	PASS
		5280	21.320	5269.160	5290.480	PASS
		5320	20.560	5309.640	5330.200	PASS
		5500	20.840	5489.560	5510.400	PASS
		5580	21.760	5569.600	5591.360	PASS
		5700	20.600	5689.480	5710.080	PASS
		5720	20.560	5709.760	5730.320	PASS
		5720 UNII-2C	15.24	5709.760	5725	PASS
		5720 UNII-3	5.32	5725	5730.320	PASS
		5745	21.400	5734.280	5755.680	PASS
		5785	20.840	5774.560	5795.400	PASS
		5825	21.240	5814.440	5835.680	PASS
11N40SISO	Ant1	5190	43.040	5170.560	5213.600	PASS
		5230	38.800	5210.560	5249.360	PASS
		5270	40.320	5250.080	5290.400	PASS
		5310	39.200	5290.320	5329.520	PASS
		5510	39.840	5490.240	5530.080	PASS
		5550	39.200	5530.560	5569.760	PASS
		5670	38.880	5650.480	5689.360	PASS
		5710	39.200	5690.480	5729.680	PASS
		5710 UNII-2C	34.52	5690.480	5725	PASS
		5710 UNII-3	4.68	5725	5729.680	PASS
		5755	39.280	5735.080	5774.360	PASS
		5795	39.120	5775.560	5814.680	PASS
		5210	80.160	5169.520	5249.680	PASS
		5290	80.480	5249.520	5330.000	PASS
		5530	81.440	5490.480	5571.920	PASS
11AC80SISO	Ant1	5610	80.000	5570.320	5650.320	PASS
		5690	79.520	5650.000	5729.520	PASS
		5690 UNII-2C	75	5650.000	5725	PASS
		5690 UNII-3	4.52	5725	5729.520	PASS
		5775	79.360	5735.320	5814.680	PASS

11.1.2. Test Graphs





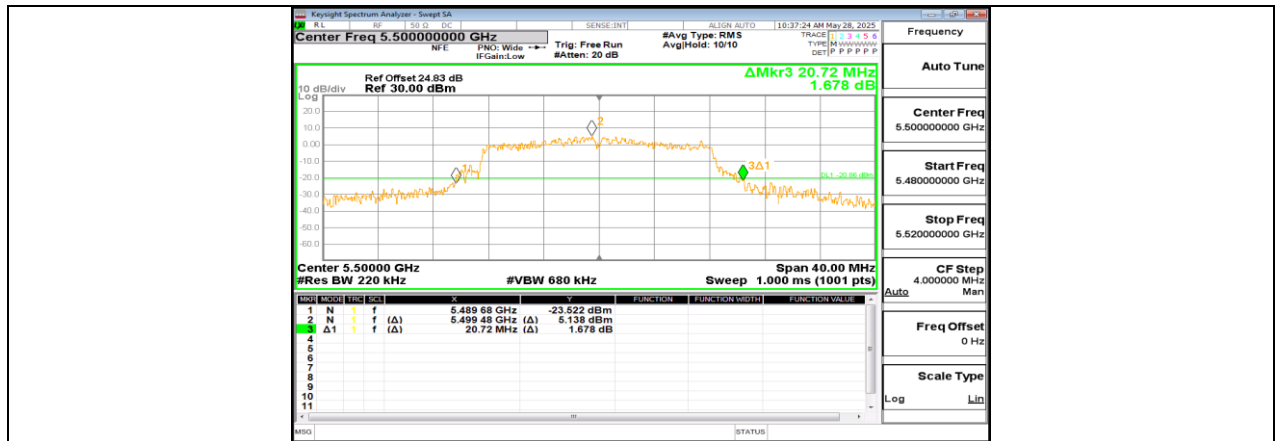
11A Ant1 5260



11A Ant1 5280



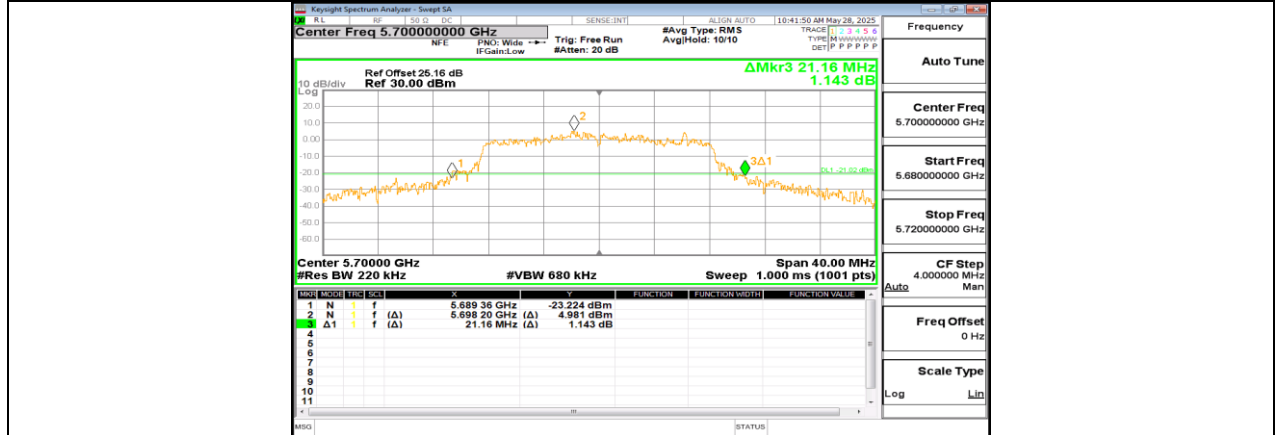
11A Ant1 5320



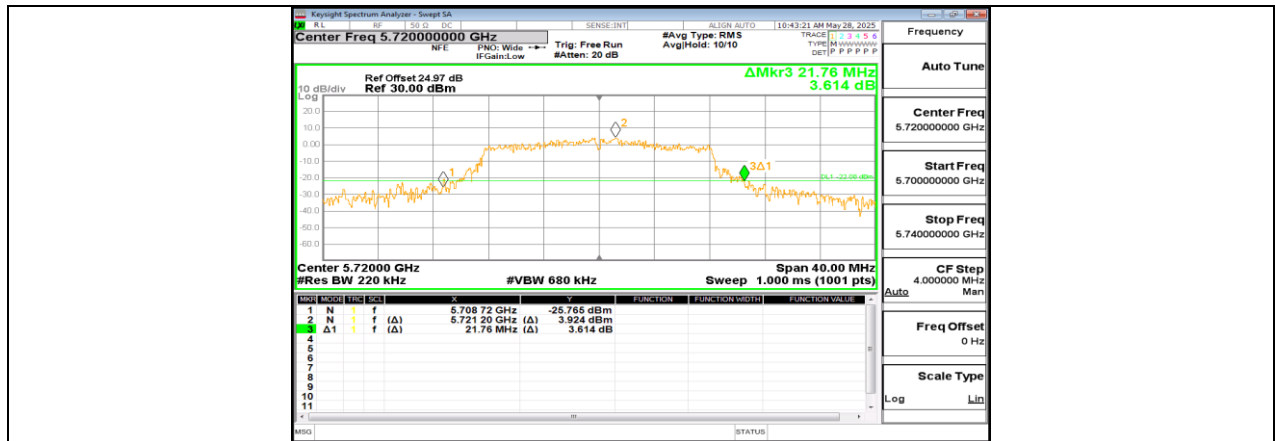
11A Ant1 5500



11A Ant1 5580



11A Ant1 5700



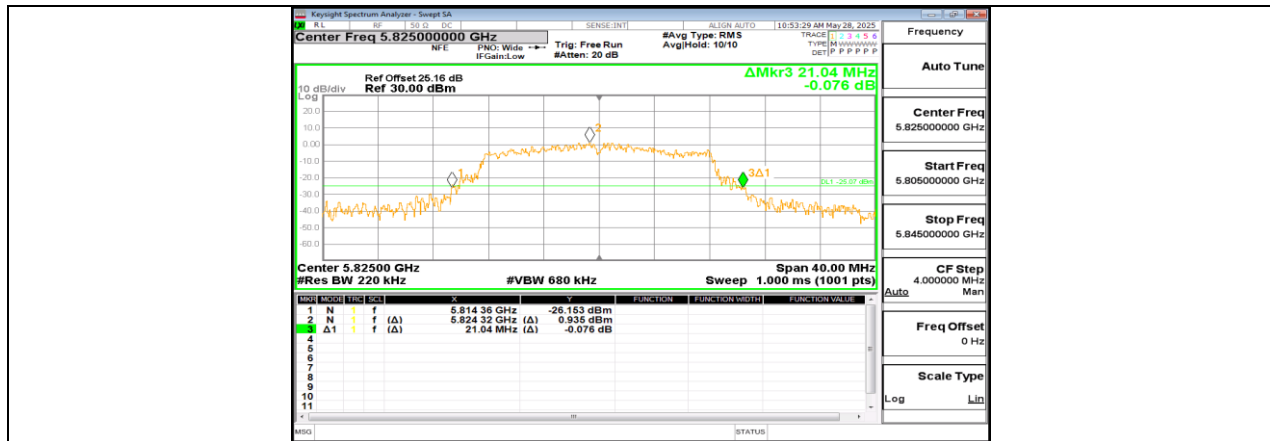
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11A Ant1 5745



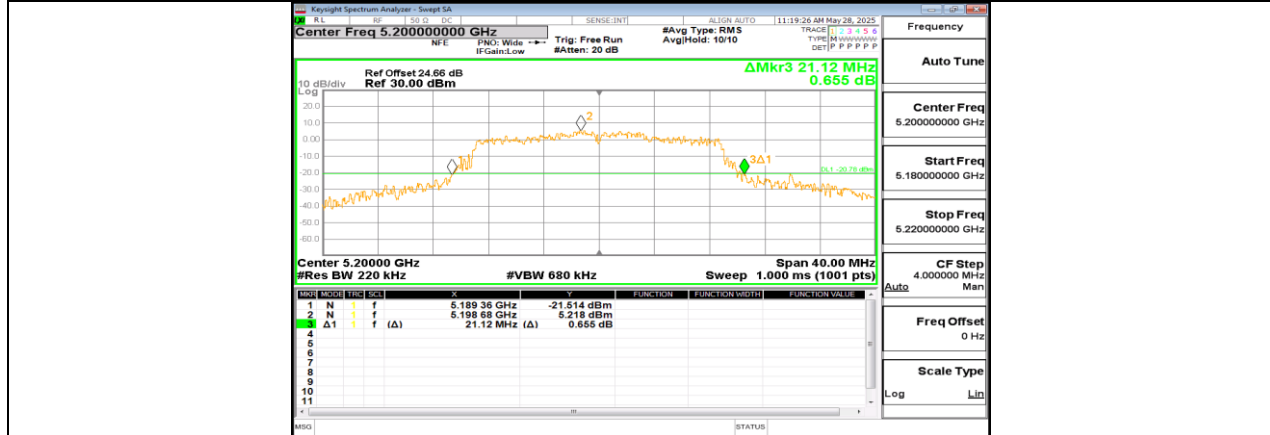
11A Ant1 5785



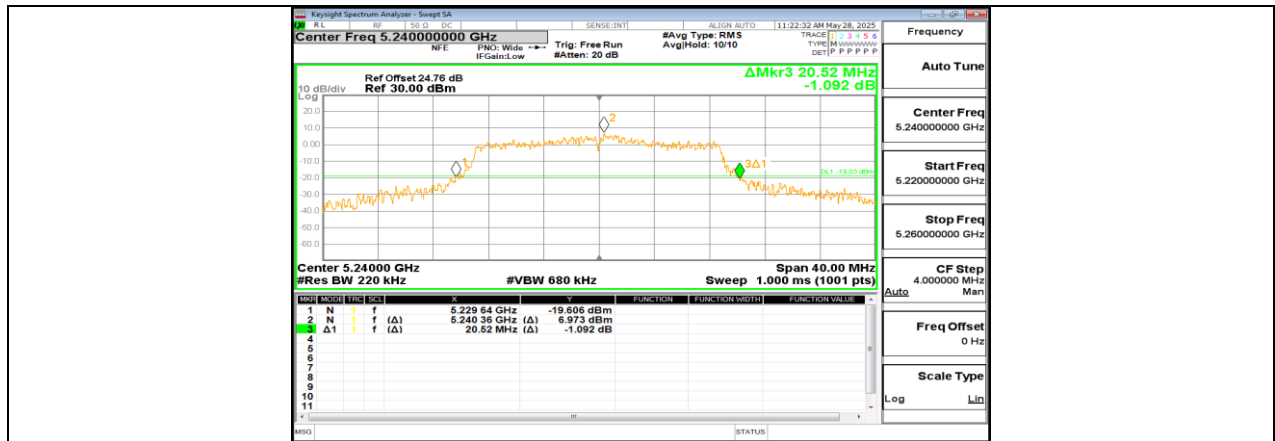
11A Ant1 5825



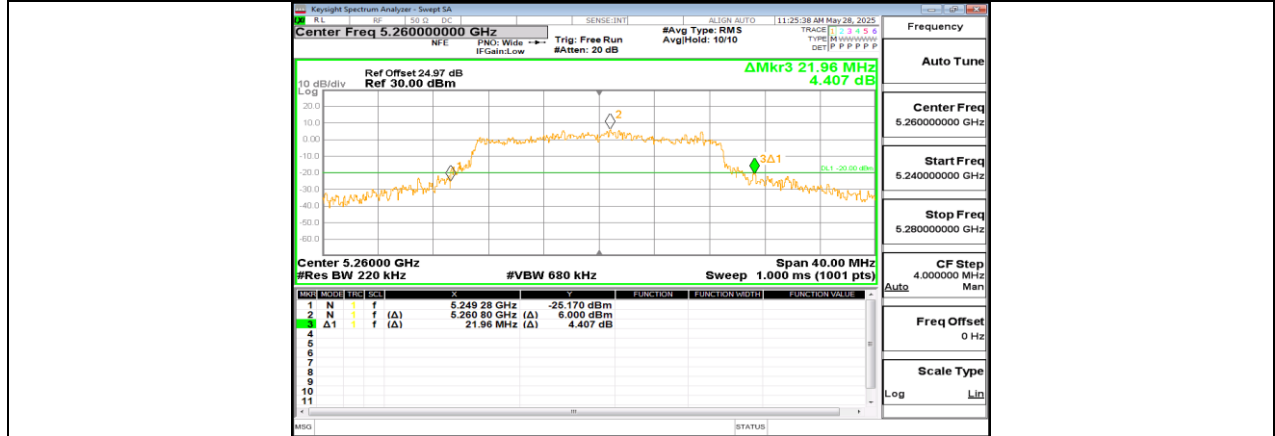
11N20SISO Ant1 5180



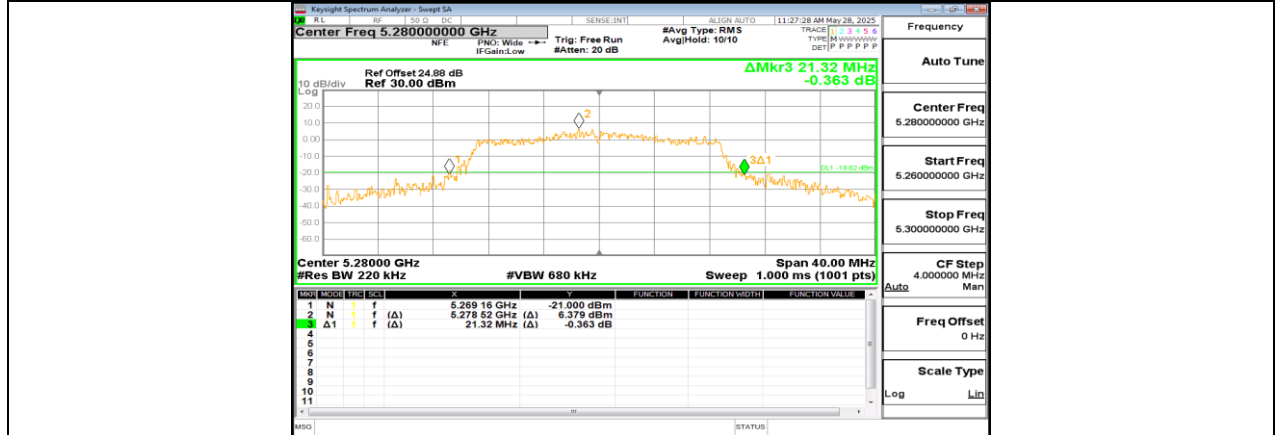
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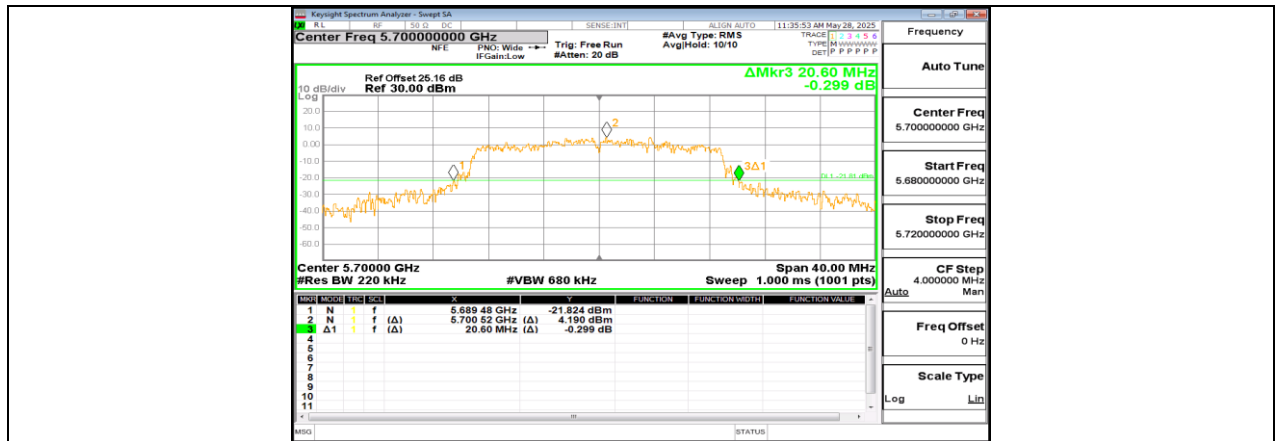


11N20SISO_Ant1_5260



11N20SISO_Ant1_5280





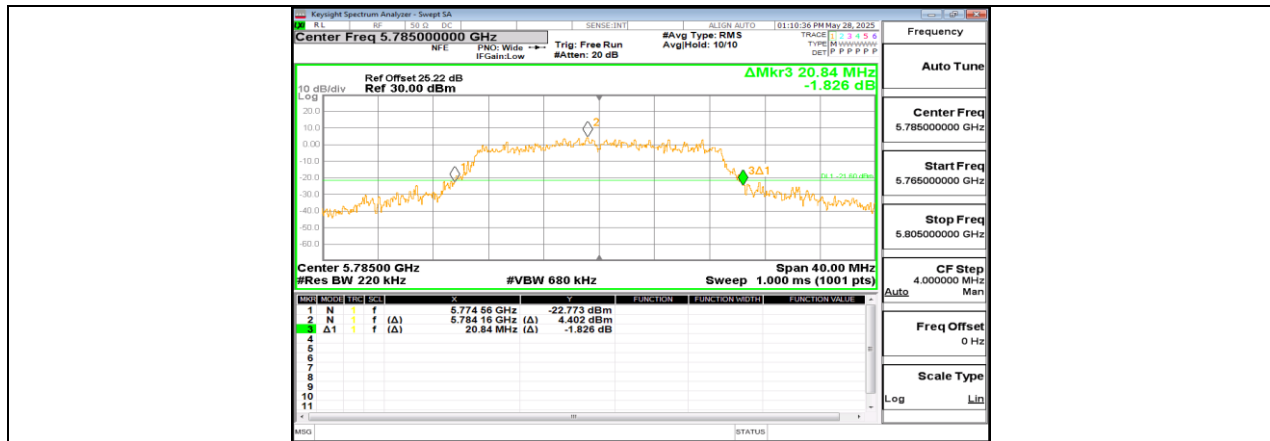
11N20SISO_Ant1_5700



11N20SISO_Ant1_5720



11N20SISO_Ant1_5745



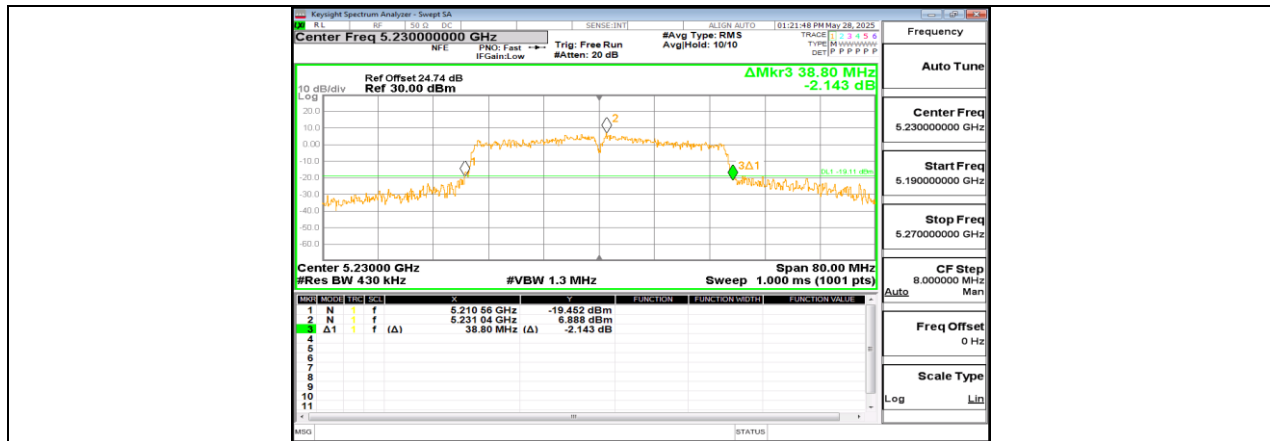
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



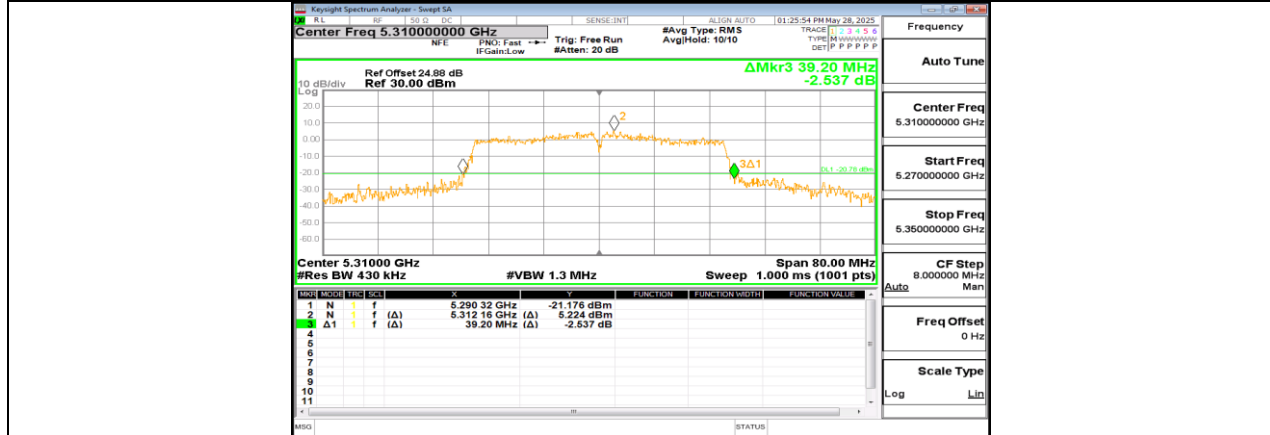
11N40SISO_Ant1_5190



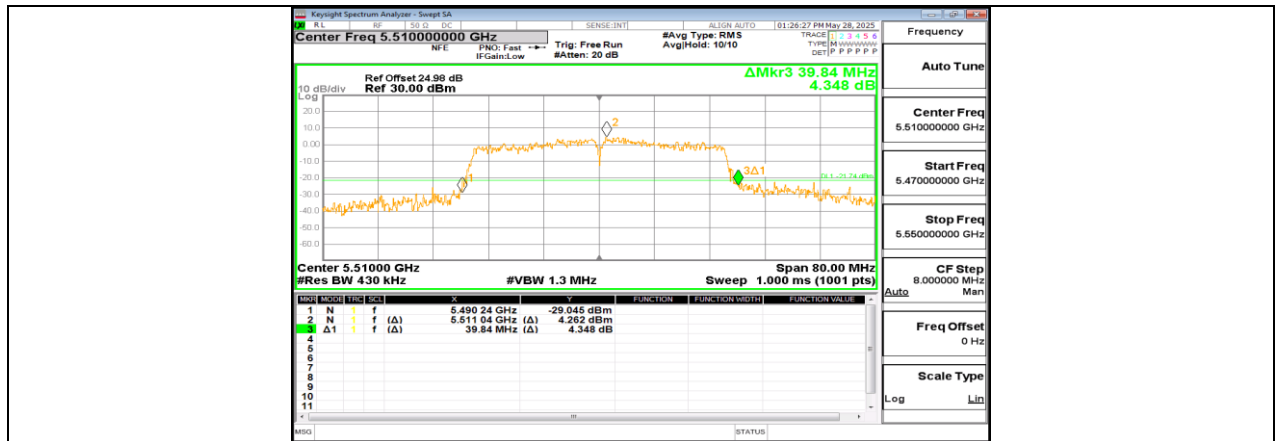
11N40SISO Ant1 5230



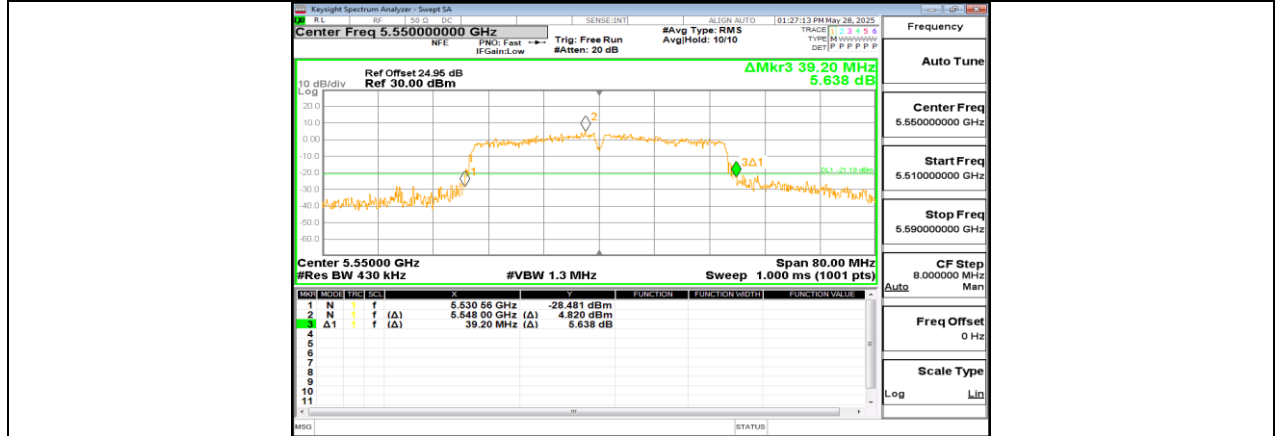
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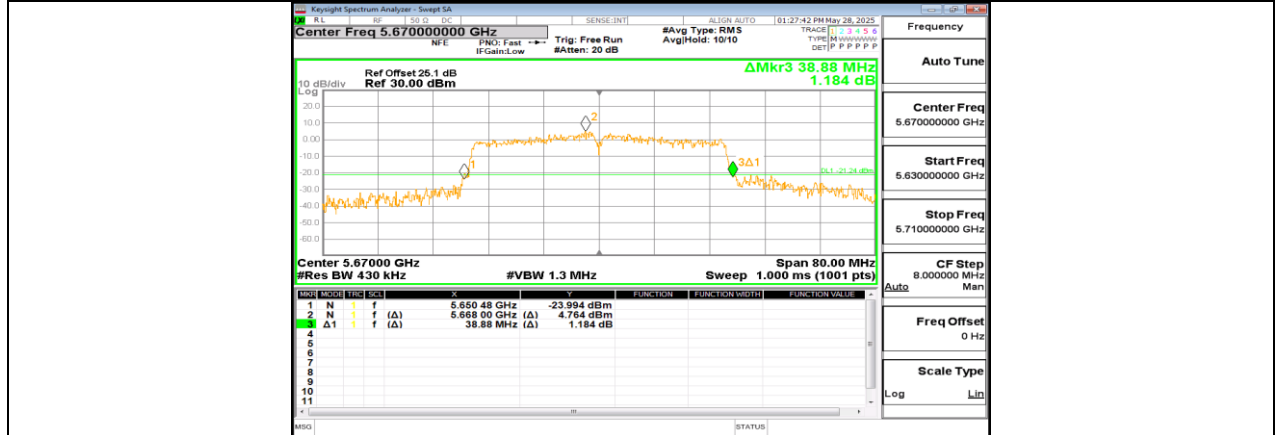
11N40SISO Ant1 5310



11N40SISO Ant1 5510

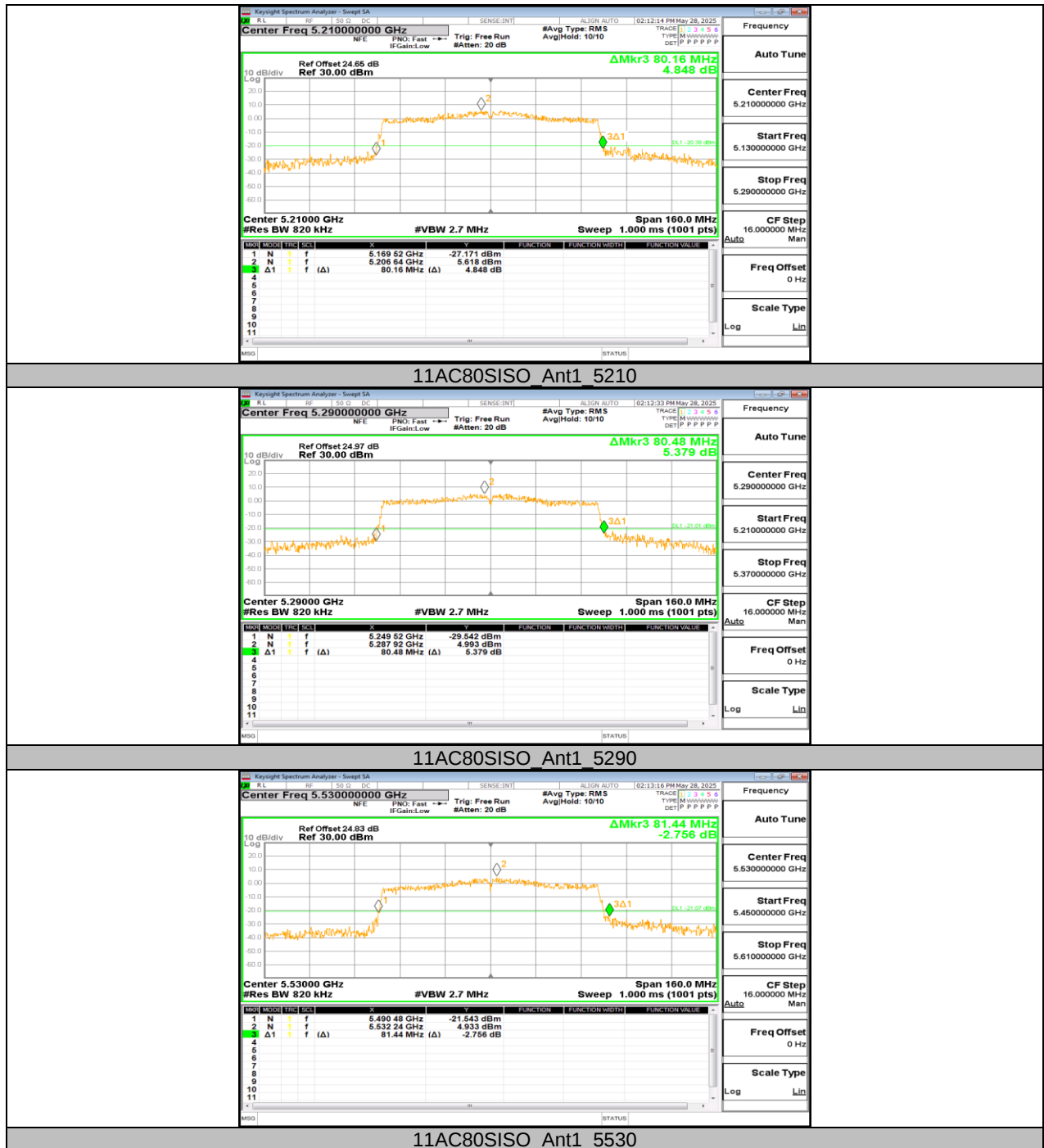


11N40SISO Ant1 5550



11N40SISO Ant1 5670







11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	16.930	5171.5079	5188.4379	PASS
		5200	16.944	5191.4349	5208.3789	PASS
		5240	16.931	5231.4678	5248.3988	PASS
		5260	16.942	5251.3784	5268.3204	PASS
		5280	16.864	5271.5384	5288.4024	PASS
		5320	16.984	5311.4199	5328.4039	PASS
		5500	16.908	5491.4983	5508.4063	PASS
		5580	16.887	5571.5051	5588.3921	PASS
		5700	17.012	5691.3845	5708.3965	PASS
		5720	16.976	5711.4594	5728.4354	PASS
		5720 UNII-2C	13.541	5711.4594	5725	PASS
		5720 UNII-3	3.435	5725	5728.4354	PASS
		5745	16.789	5736.4715	5753.2605	PASS
		5785	16.830	5776.4288	5793.2588	PASS
		5825	16.927	5816.3911	5833.3181	PASS
11N20SISO	Ant1	5180	17.905	5170.9895	5188.8945	PASS
		5200	17.916	5191.0058	5208.9218	PASS
		5240	17.892	5231.0177	5248.9097	PASS
		5260	17.991	5250.9297	5268.9207	PASS
		5280	18.079	5270.8560	5288.9350	PASS
		5320	17.838	5311.0292	5328.8672	PASS
		5500	17.925	5490.9517	5508.8767	PASS
		5580	17.856	5571.0533	5588.9093	PASS
		5700	17.949	5690.9504	5708.8994	PASS
		5720	17.892	5711.0039	5728.8959	PASS
		5720 UNII-2C	13.996	5711.0039	5725	PASS
		5720 UNII-3	3.896	5725	5728.8959	PASS
		5745	17.993	5735.9852	5753.9782	PASS
		5785	17.737	5776.1161	5793.8531	PASS
		5825	17.826	5816.0145	5833.8405	PASS
11N40SISO	Ant1	5190	36.245	5171.9470	5208.1920	PASS
		5230	36.272	5211.9530	5248.2250	PASS
		5270	36.373	5251.8001	5288.1731	PASS
		5310	36.323	5291.7613	5328.0843	PASS
		5510	36.169	5491.9564	5528.1254	PASS
		5550	36.255	5531.8906	5568.1456	PASS
		5670	36.278	5651.8132	5688.0912	PASS
		5710	36.214	5691.8593	5728.0733	PASS
		5710 UNII-2C	33.141	5691.8593	5725	PASS
		5710 UNII-3	3.073	5725	5728.0733	PASS
		5755	36.392	5736.7754	5773.1674	PASS
		5795	36.296	5776.8218	5813.1178	PASS
11AC80SISO	Ant1	5210	75.544	5172.2364	5247.7804	PASS
		5290	75.392	5252.1489	5327.5409	PASS
		5530	75.717	5492.4439	5568.1609	PASS
		5610	75.529	5572.2499	5647.7789	PASS
		5690	75.676	5652.1557	5727.8317	PASS
		5690 UNII-2C	72.844	5652.1557	5725	PASS
		5690 UNII-3	2.832	5725	5727.8317	PASS
		5775	75.655	5737.1200	5812.7750	PASS