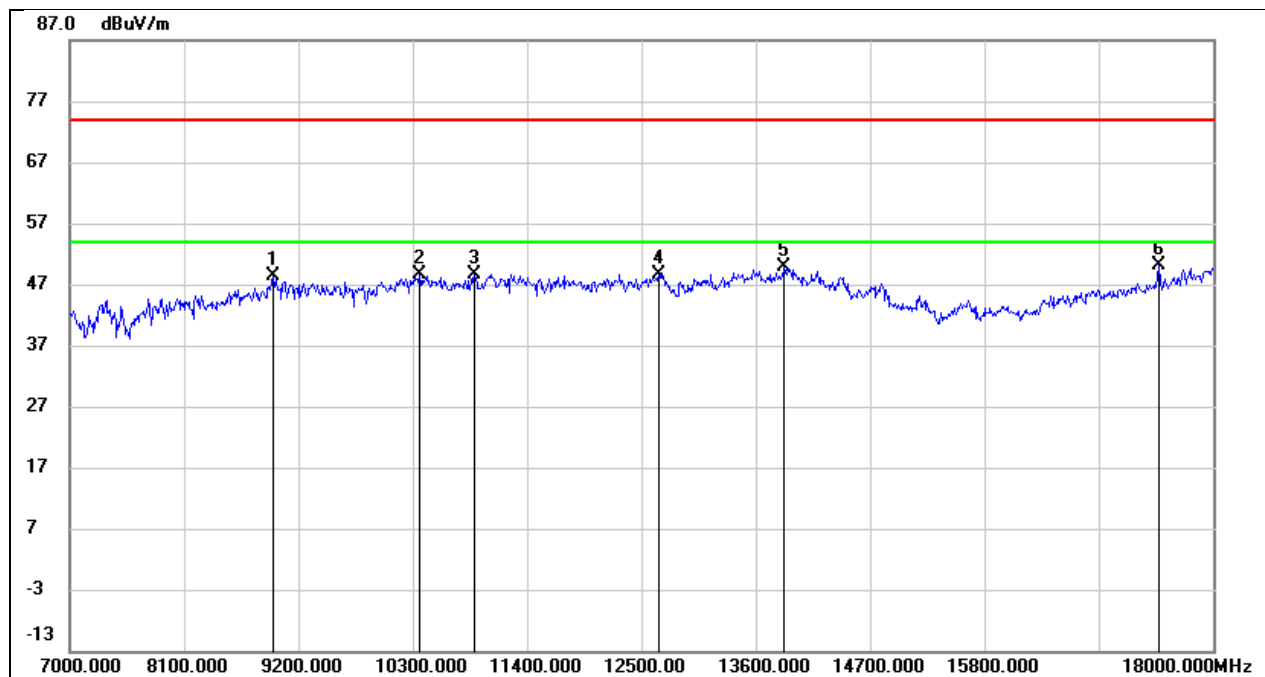
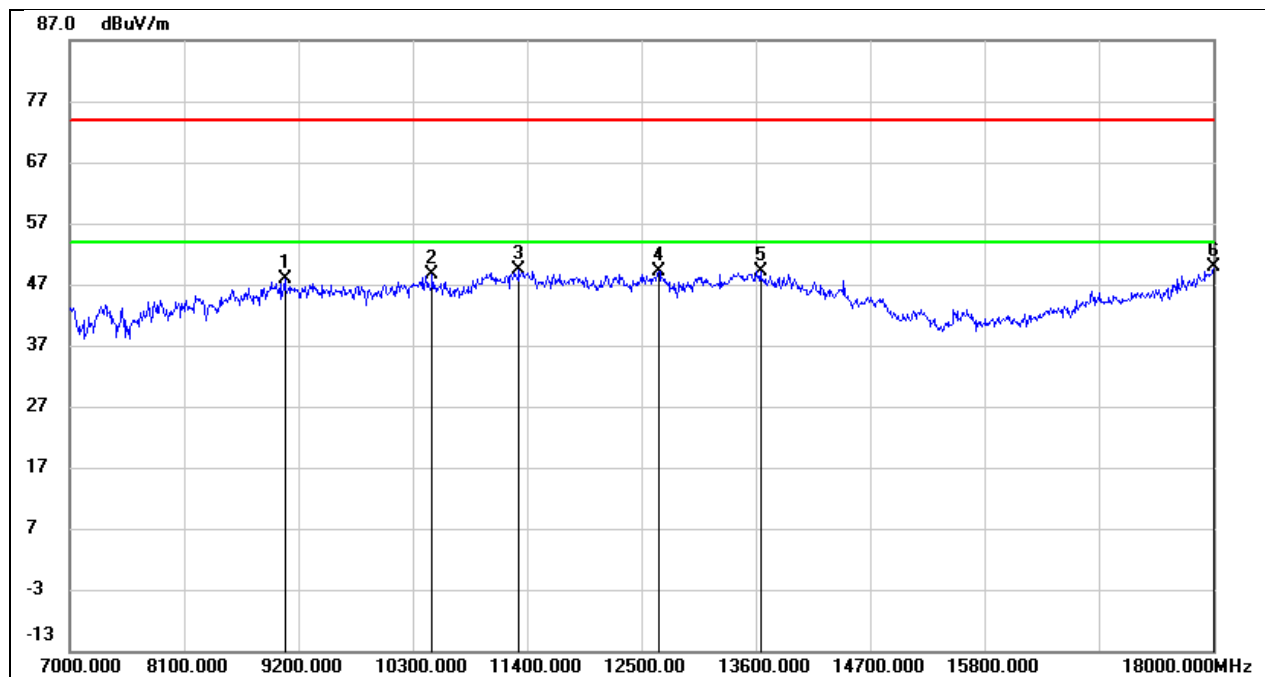


Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



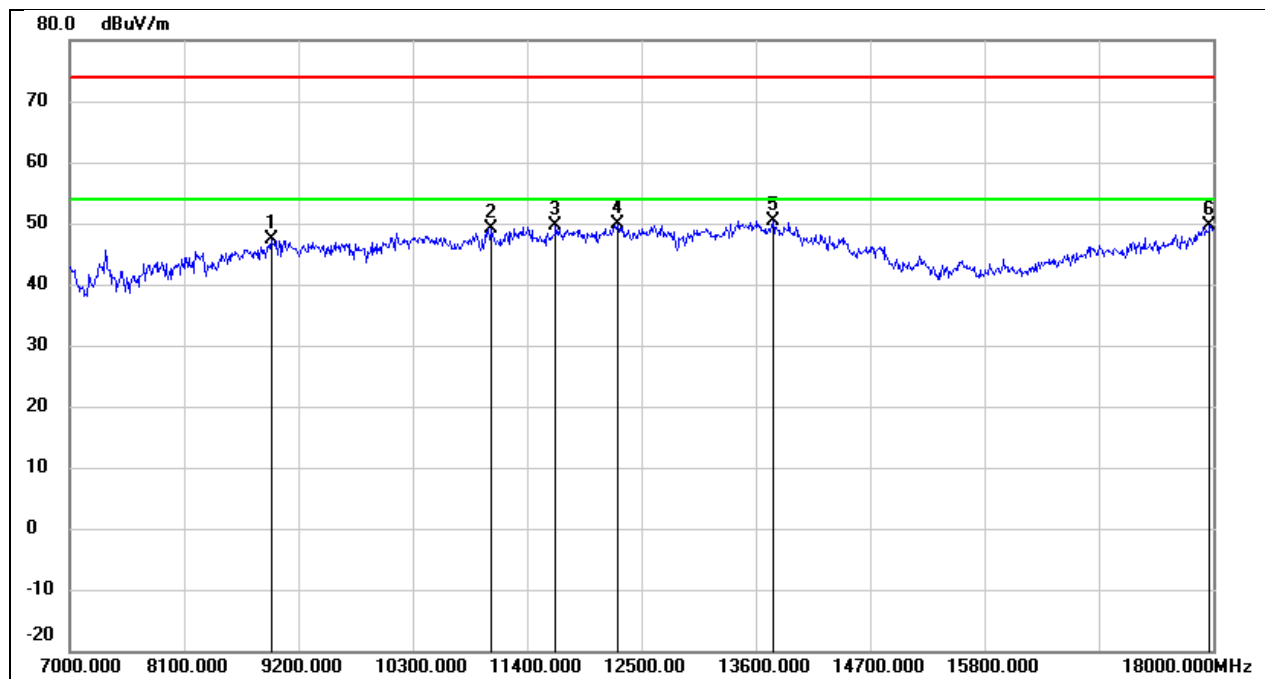
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	37.15	11.24	48.39	74.00	-25.61	peak
2	10366.000	35.43	13.08	48.51	74.00	-25.49	peak
3	10894.000	34.30	14.33	48.63	74.00	-25.37	peak
4	12665.000	30.10	18.48	48.58	74.00	-25.42	peak
5	13875.000	27.42	22.46	49.88	74.00	-24.12	peak
6	17483.000	26.76	23.45	50.21	74.00	-23.79	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 3.3 V



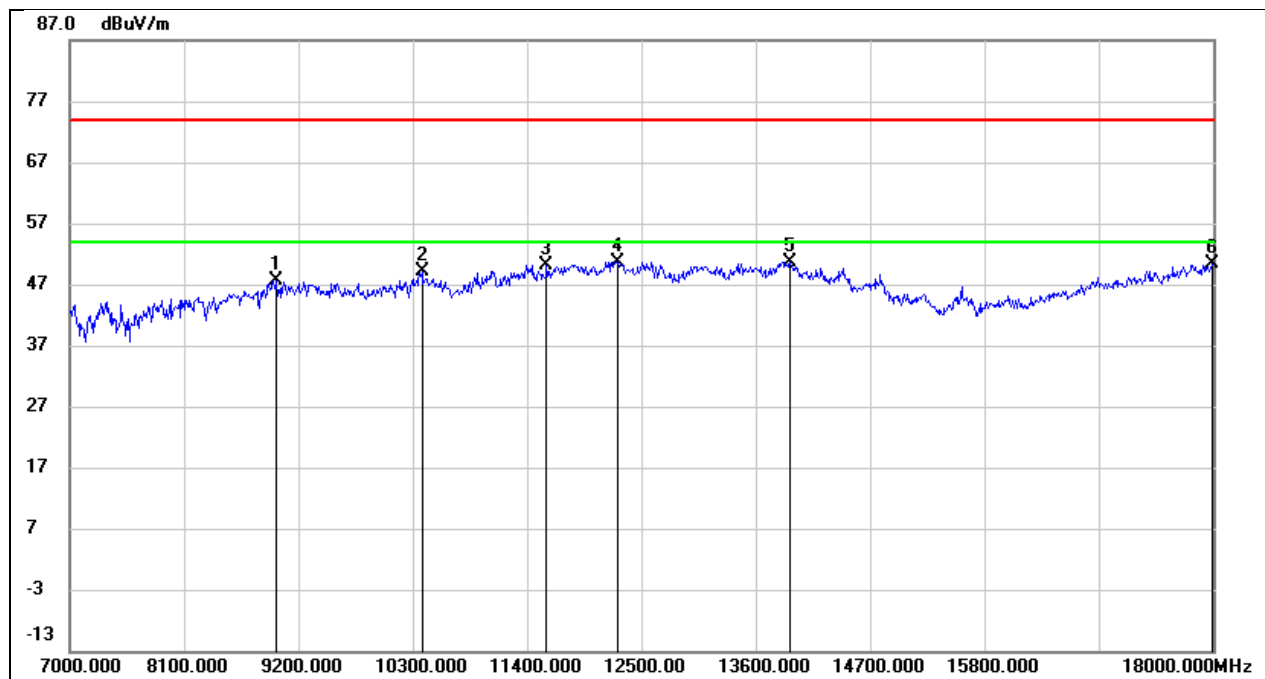
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9068.000	36.68	11.25	47.93	74.00	-26.07	peak
2	10487.000	35.06	13.46	48.52	74.00	-25.48	peak
3	11323.000	33.16	16.10	49.26	74.00	-24.74	peak
4	12665.000	30.62	18.48	49.10	74.00	-24.90	peak
5	13644.000	27.57	21.64	49.21	74.00	-24.79	peak
6	18000.000	22.82	26.97	49.79	74.00	-24.21	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



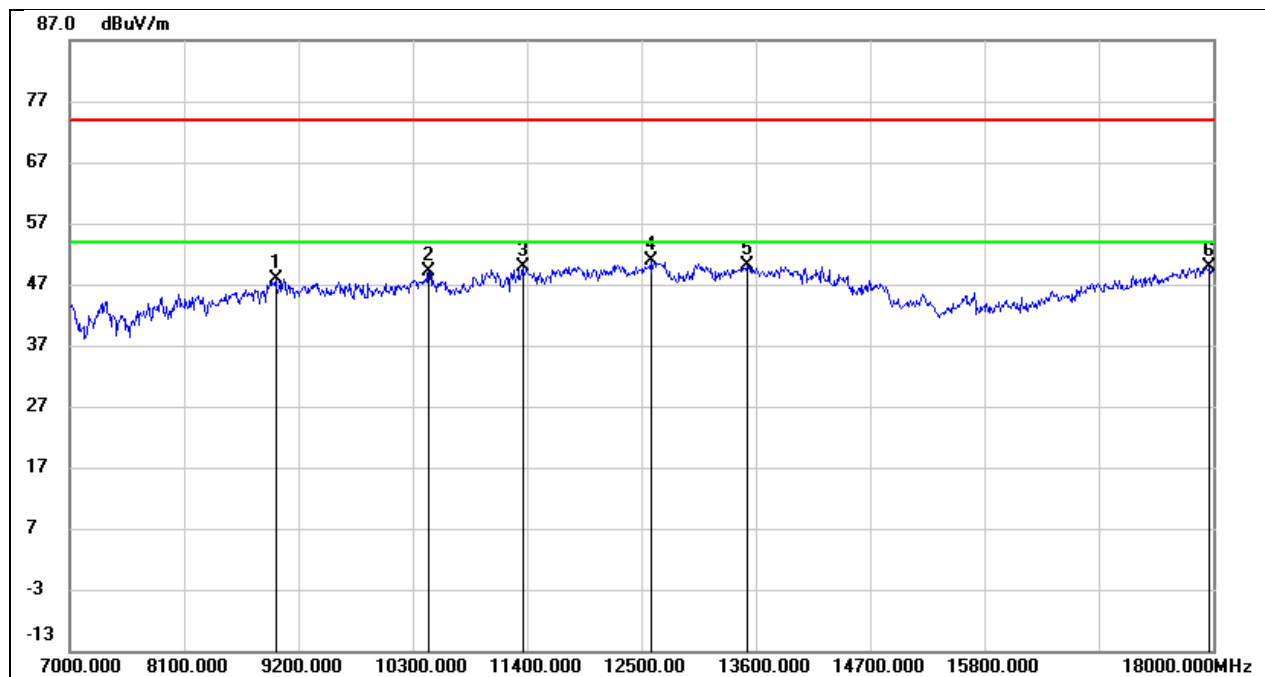
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	36.54	10.91	47.45	74.00	-26.55	peak
2	11059.000	34.12	15.02	49.14	74.00	-24.86	peak
3	11675.000	32.52	17.22	49.74	74.00	-24.26	peak
4	12269.000	31.13	18.72	49.85	74.00	-24.15	peak
5	13765.000	28.06	22.24	50.30	74.00	-23.70	peak
6	17967.000	22.87	26.83	49.70	74.00	-24.30	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 3.3 V



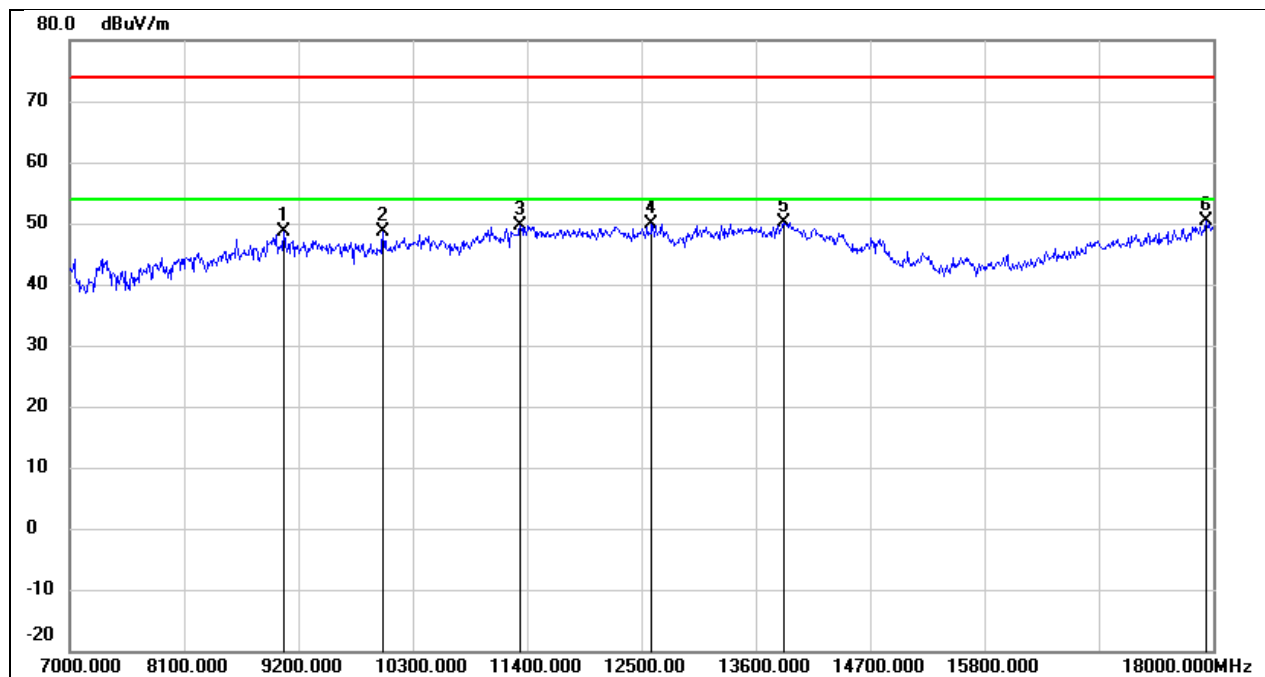
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.12	11.57	47.69	74.00	-26.31	peak
2	10388.000	35.91	13.18	49.09	74.00	-24.91	peak
3	11587.000	33.08	17.00	50.08	74.00	-23.92	peak
4	12269.000	32.01	18.72	50.73	74.00	-23.27	peak
5	13930.000	28.22	22.50	50.72	74.00	-23.28	peak
6	17989.000	23.50	26.92	50.42	74.00	-23.58	peak

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



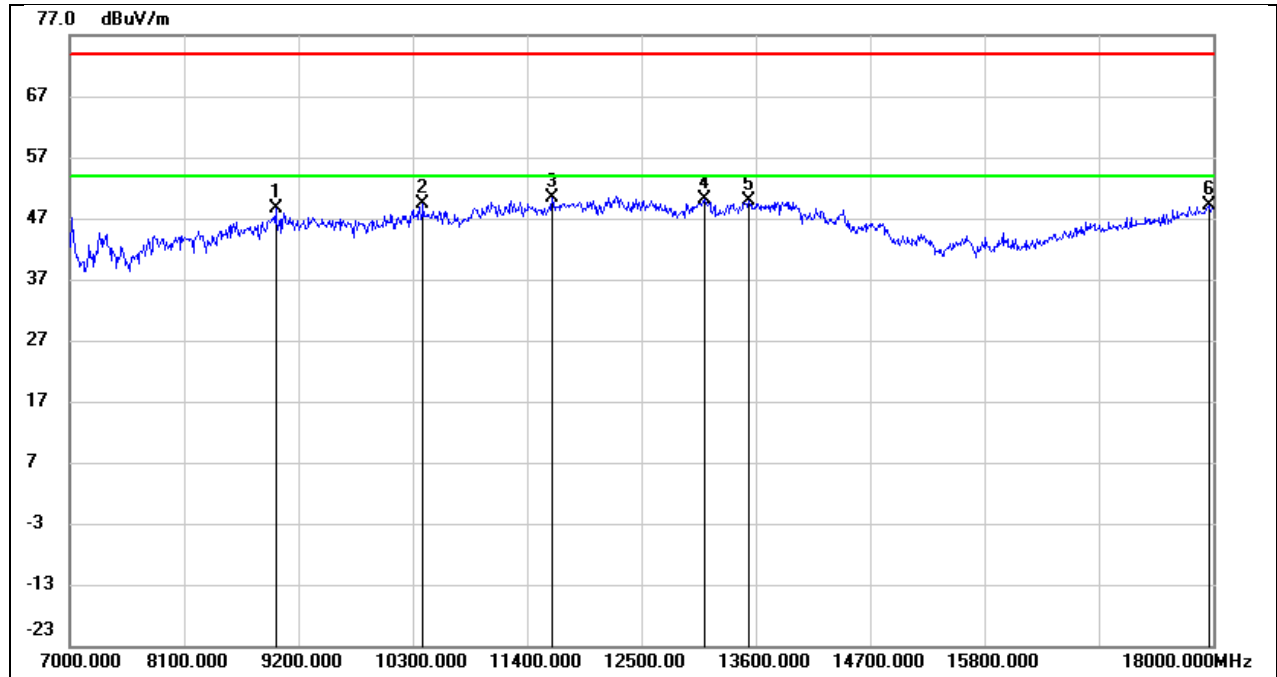
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.32	11.57	47.89	74.00	-26.11	peak
2	10454.000	35.85	13.38	49.23	74.00	-24.77	peak
3	11356.000	33.46	16.30	49.76	74.00	-24.24	peak
4	12588.000	32.55	18.35	50.90	74.00	-23.10	peak
5	13512.000	28.79	21.41	50.20	74.00	-23.80	peak
6	17967.000	23.17	26.83	50.00	74.00	-24.00	peak

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



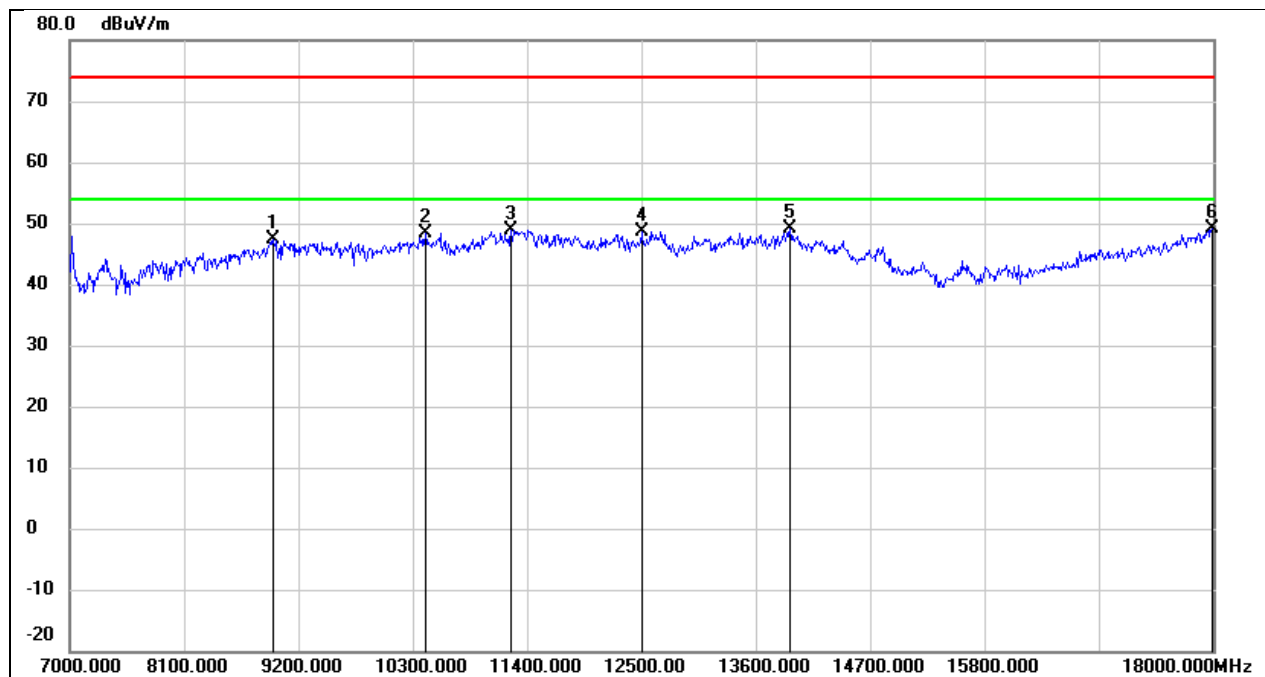
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9057.000	37.17	11.35	48.52	74.00	-25.48	peak
2	10014.000	36.44	12.19	48.63	74.00	-25.37	peak
3	11334.000	33.43	16.16	49.59	74.00	-24.41	peak
4	12599.000	31.67	18.32	49.99	74.00	-24.01	peak
5	13864.000	27.75	22.45	50.20	74.00	-23.80	peak
6	17934.000	23.69	26.69	50.38	74.00	-23.62	peak

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



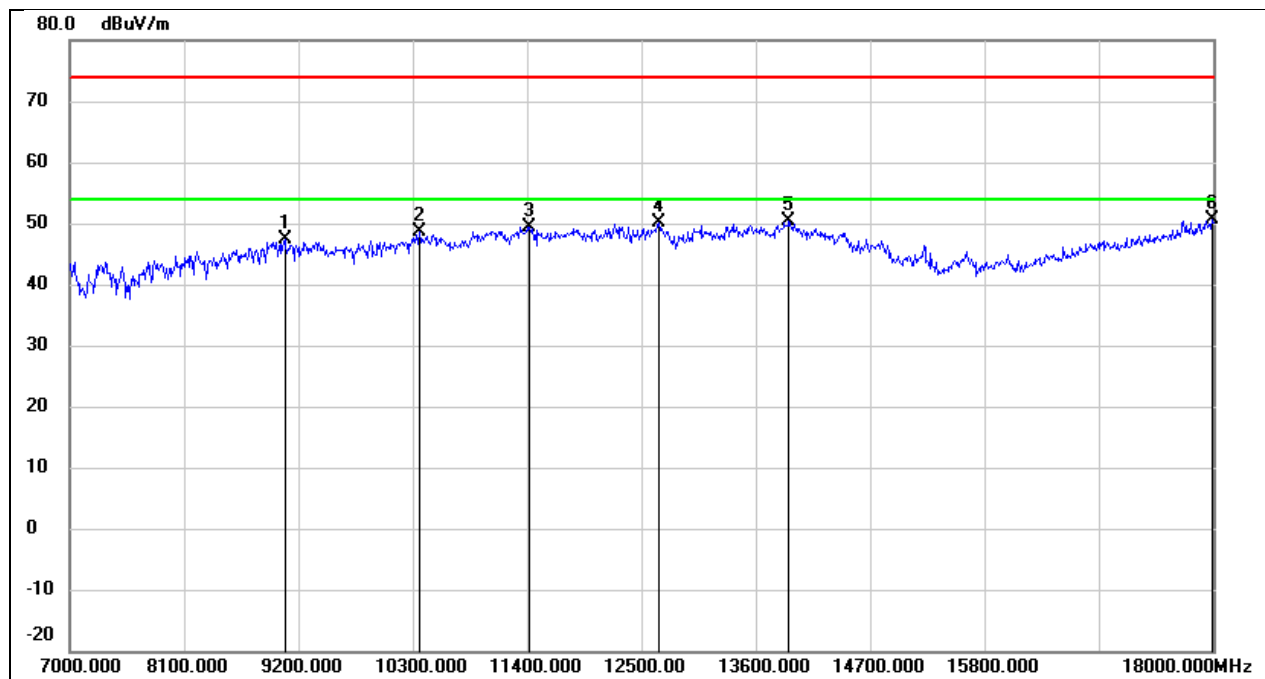
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.95	11.57	48.52	74.00	-25.48	peak
2	10399.000	36.03	13.23	49.26	74.00	-24.74	peak
3	11642.000	33.22	17.13	50.35	74.00	-23.65	peak
4	13105.000	30.52	19.58	50.10	74.00	-23.90	peak
5	13534.000	28.56	21.41	49.97	74.00	-24.03	peak
6	17967.000	22.40	26.83	49.23	74.00	-24.77	peak

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



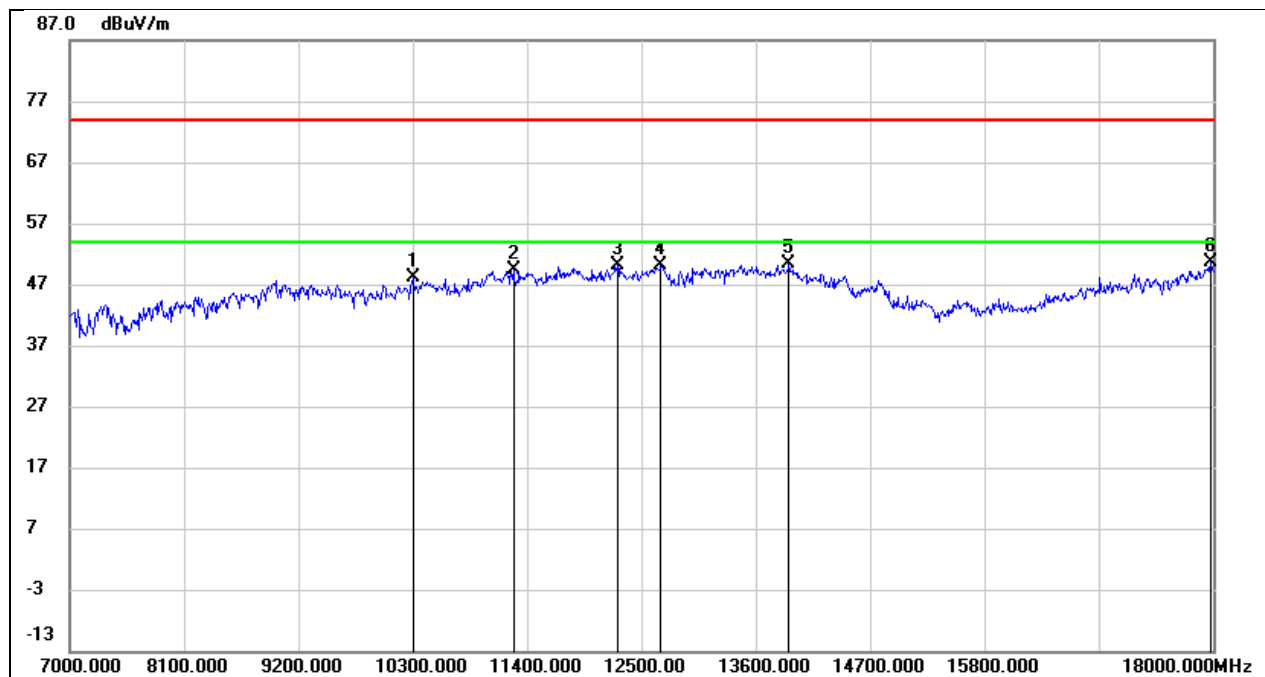
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	36.19	11.24	47.43	74.00	-26.57	peak
2	10421.000	35.14	13.29	48.43	74.00	-25.57	peak
3	11246.000	33.37	15.62	48.99	74.00	-25.01	peak
4	12500.000	30.14	18.56	48.70	74.00	-25.30	peak
5	13930.000	26.53	22.50	49.03	74.00	-24.97	peak
6	17989.000	22.17	26.92	49.09	74.00	-24.91	peak

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



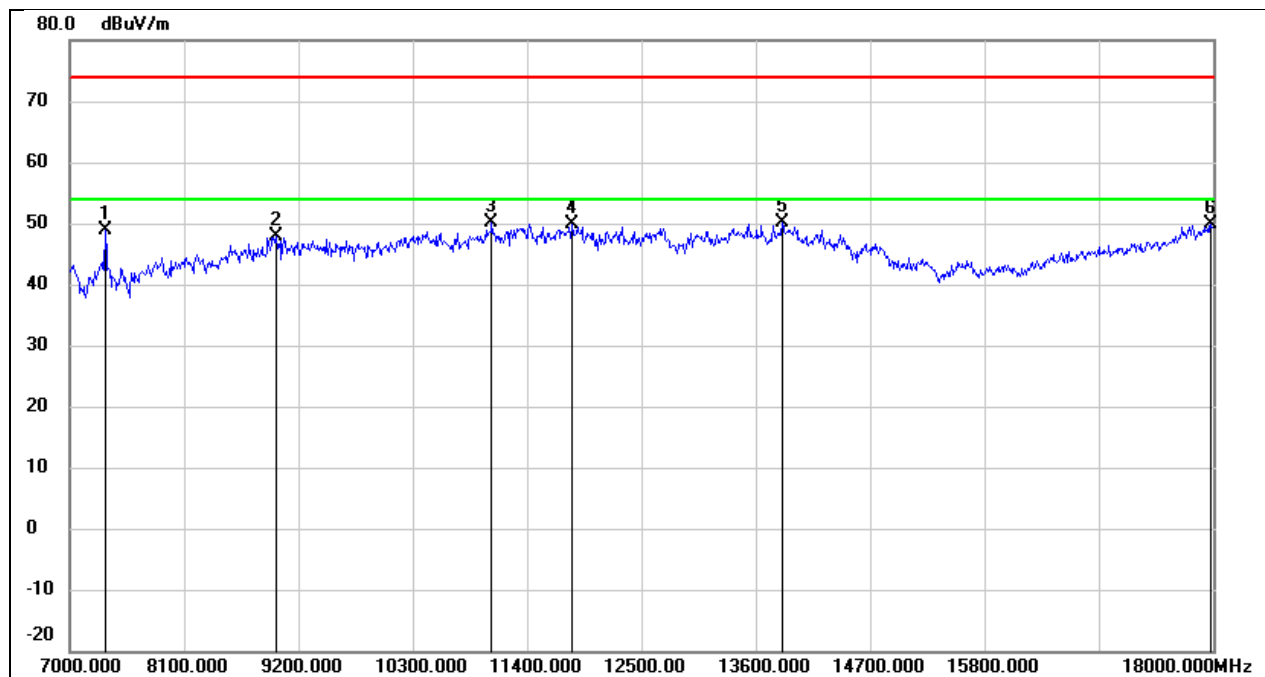
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9068.000	36.23	11.25	47.48	74.00	-26.52	peak
2	10366.000	35.47	13.08	48.55	74.00	-25.45	peak
3	11422.000	32.86	16.64	49.50	74.00	-24.50	peak
4	12665.000	31.73	18.48	50.21	74.00	-23.79	peak
5	13919.000	27.97	22.49	50.46	74.00	-23.54	peak
6	17989.000	23.76	26.92	50.68	74.00	-23.32	peak

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



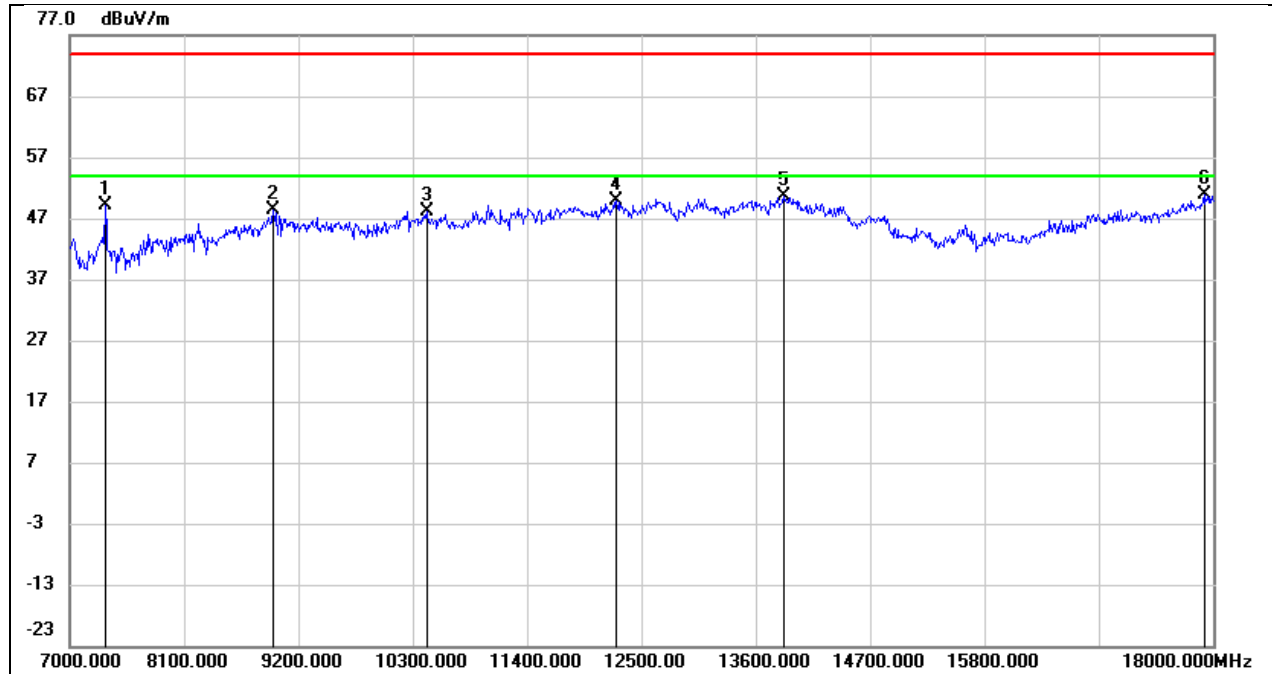
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10300.000	35.33	12.78	48.11	74.00	-25.89	peak
2	11268.000	33.61	15.76	49.37	74.00	-24.63	peak
3	12269.000	31.35	18.72	50.07	74.00	-23.93	peak
4	12687.000	31.51	18.53	50.04	74.00	-23.96	peak
5	13919.000	27.85	22.49	50.34	74.00	-23.66	peak
6	17978.000	23.82	26.88	50.70	74.00	-23.30	peak

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



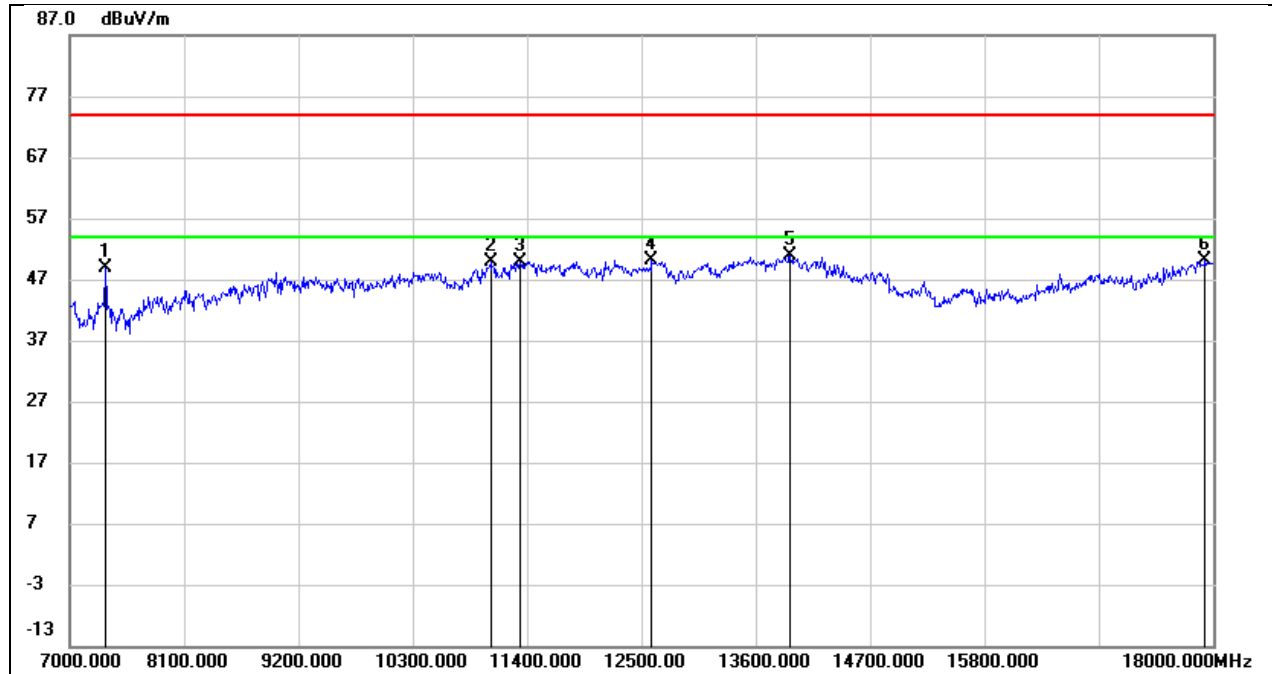
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	40.95	8.00	48.95	74.00	-25.05	peak
2	8980.000	36.37	11.57	47.94	74.00	-26.06	peak
3	11059.000	35.22	15.02	50.24	74.00	-23.76	peak
4	11829.000	32.15	17.71	49.86	74.00	-24.14	peak
5	13853.000	27.56	22.46	50.02	74.00	-23.98	peak
6	17978.000	23.00	26.88	49.88	74.00	-24.12	peak

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



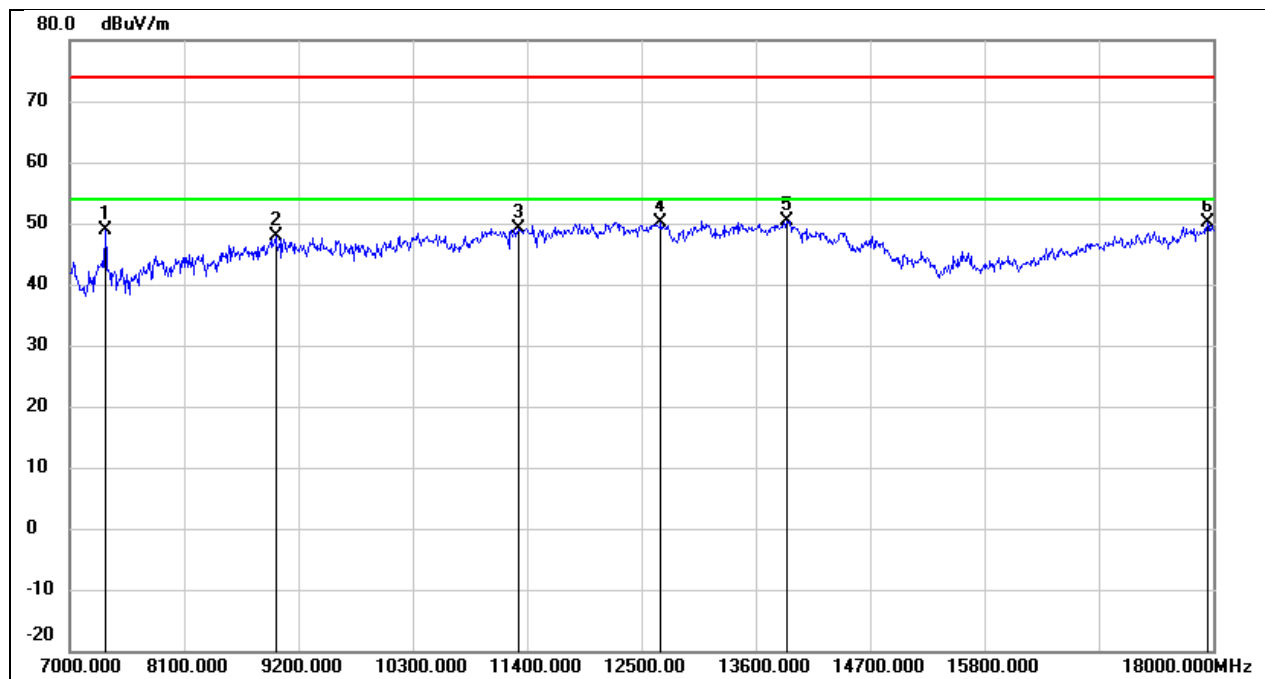
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	41.15	8.00	49.15	74.00	-24.85	peak
2	8958.000	37.13	11.24	48.37	74.00	-25.63	peak
3	10432.000	34.76	13.31	48.07	74.00	-25.93	peak
4	12258.000	31.23	18.70	49.93	74.00	-24.07	peak
5	13864.000	28.06	22.45	50.51	74.00	-23.49	peak
6	17912.000	24.16	26.60	50.76	74.00	-23.24	peak

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



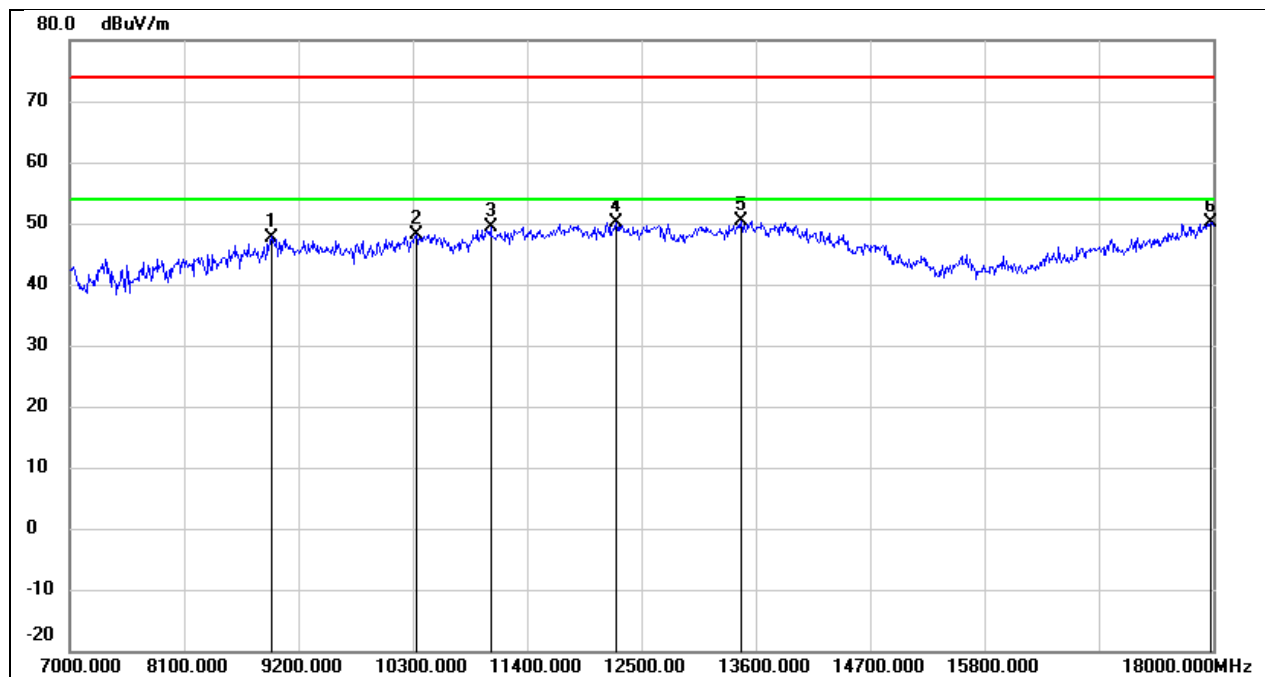
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	40.91	8.00	48.91	74.00	-25.09	peak
2	11048.000	34.86	14.99	49.85	74.00	-24.15	peak
3	11334.000	33.72	16.16	49.88	74.00	-24.12	peak
4	12599.000	31.91	18.32	50.23	74.00	-23.77	peak
5	13930.000	28.41	22.50	50.91	74.00	-23.09	peak
6	17923.000	23.56	26.64	50.20	74.00	-23.80	peak

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



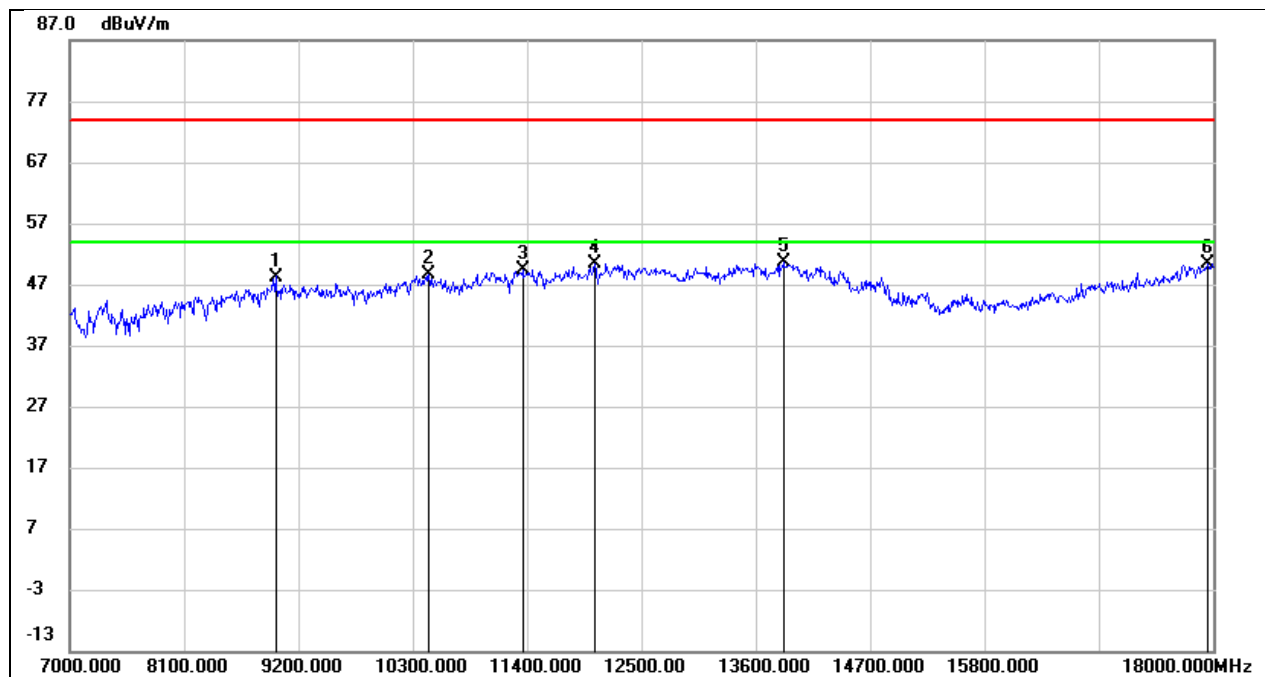
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	40.97	8.00	48.97	74.00	-25.03	peak
2	8980.000	36.21	11.57	47.78	74.00	-26.22	peak
3	11323.000	33.15	16.10	49.25	74.00	-24.75	peak
4	12687.000	31.51	18.53	50.04	74.00	-23.96	peak
5	13897.000	28.02	22.47	50.49	74.00	-23.51	peak
6	17945.000	23.41	26.74	50.15	74.00	-23.85	peak

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



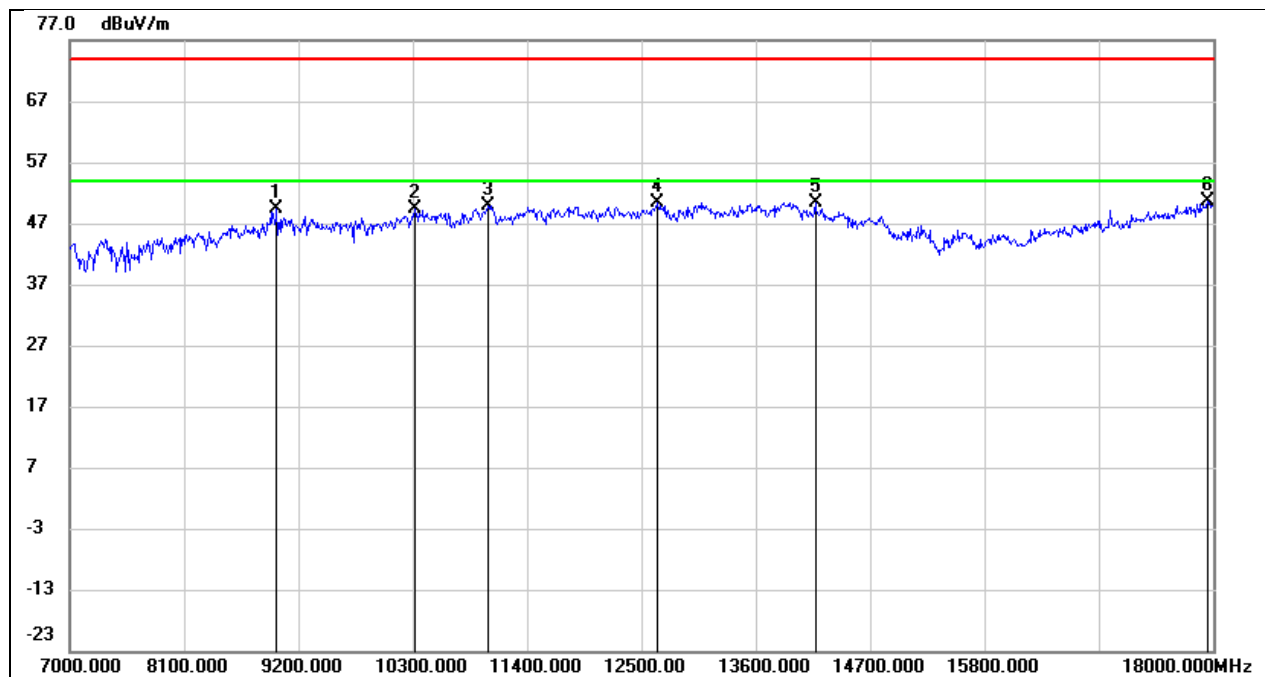
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8947.000	36.67	11.08	47.75	74.00	-26.25	peak
2	10333.000	35.29	12.93	48.22	74.00	-25.78	peak
3	11048.000	34.29	14.99	49.28	74.00	-24.72	peak
4	12258.000	31.50	18.70	50.20	74.00	-23.80	peak
5	13457.000	29.02	21.29	50.31	74.00	-23.69	peak
6	17978.000	23.23	26.88	50.11	74.00	-23.89	peak

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



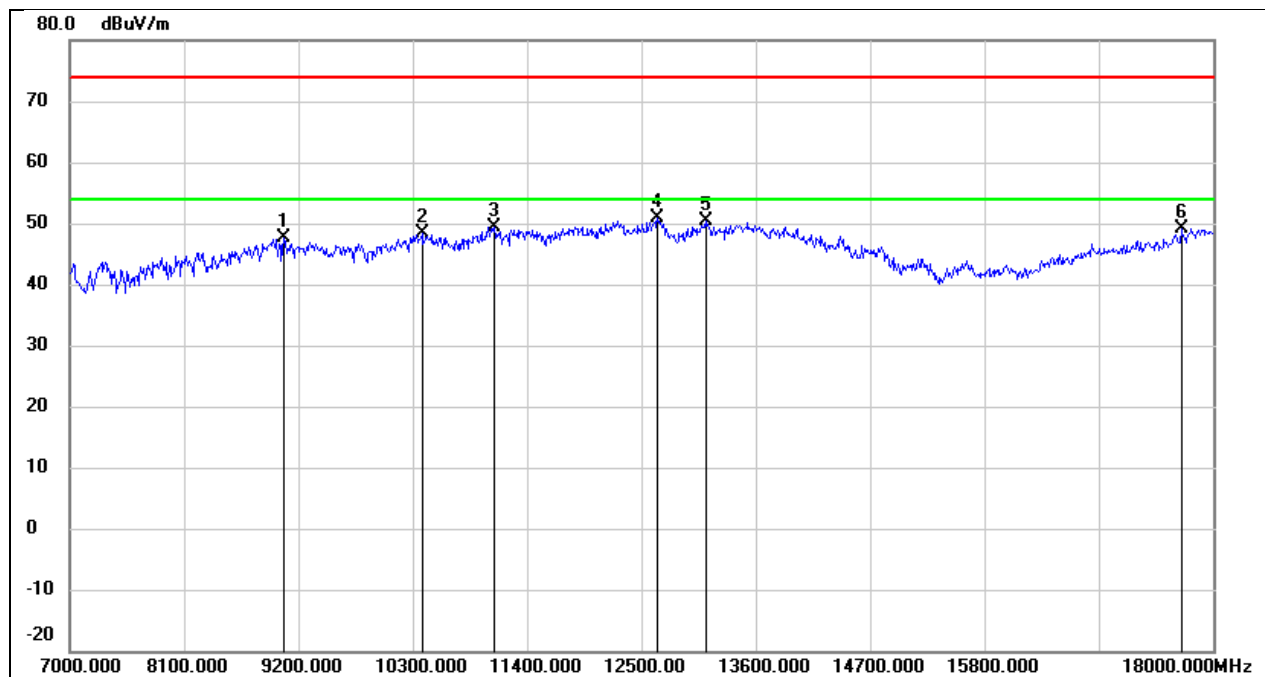
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.68	11.57	48.25	74.00	-25.75	peak
2	10454.000	35.24	13.38	48.62	74.00	-25.38	peak
3	11356.000	32.97	16.30	49.27	74.00	-24.73	peak
4	12049.000	31.70	18.60	50.30	74.00	-23.70	peak
5	13864.000	28.30	22.45	50.75	74.00	-23.25	peak
6	17945.000	23.58	26.74	50.32	74.00	-23.68	peak

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



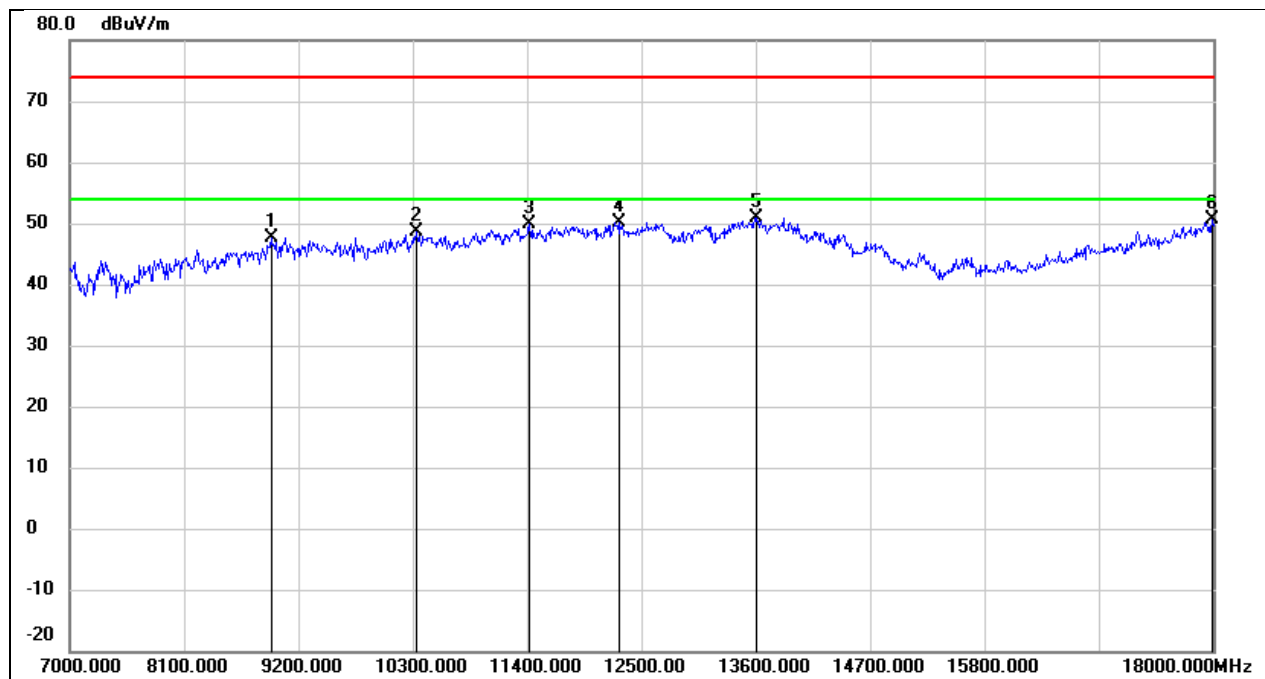
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	37.63	11.73	49.36	74.00	-24.64	peak
2	10322.000	36.52	12.88	49.40	74.00	-24.60	peak
3	11026.000	34.96	14.95	49.91	74.00	-24.09	peak
4	12654.000	31.97	18.44	50.41	74.00	-23.59	peak
5	14172.000	28.45	22.03	50.48	74.00	-23.52	peak
6	17945.000	23.95	26.74	50.69	74.00	-23.31	peak

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



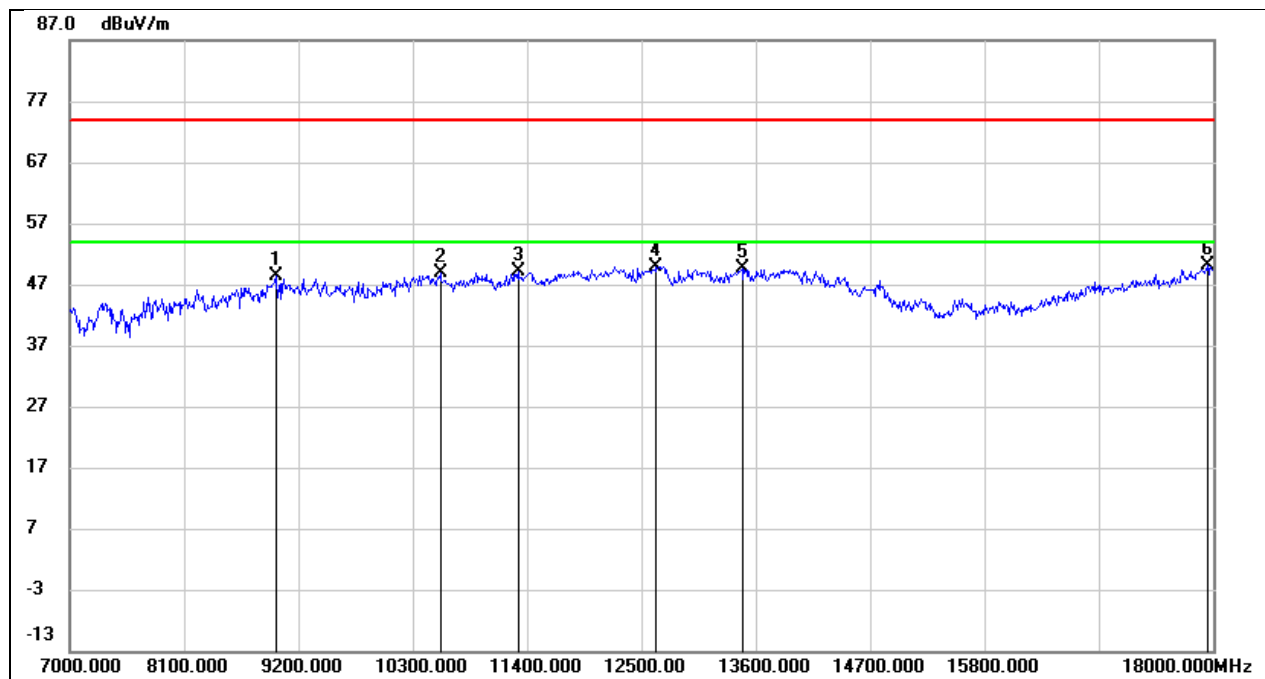
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9057.000	36.32	11.35	47.67	74.00	-26.33	peak
2	10388.000	35.15	13.18	48.33	74.00	-25.67	peak
3	11081.000	34.32	15.08	49.40	74.00	-24.60	peak
4	12654.000	32.53	18.44	50.97	74.00	-23.03	peak
5	13116.000	30.73	19.64	50.37	74.00	-23.63	peak
6	17692.000	24.29	24.88	49.17	74.00	-24.83	peak

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



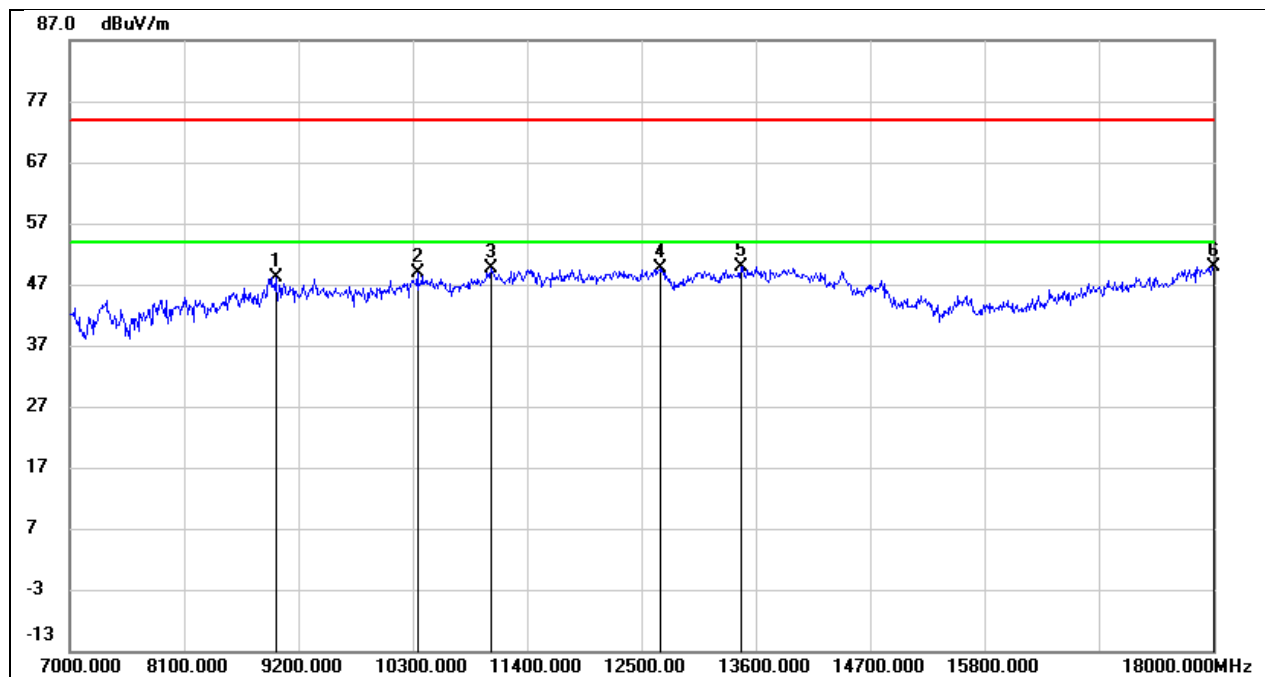
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	36.75	10.91	47.66	74.00	-26.34	peak
2	10333.000	35.67	12.93	48.60	74.00	-25.40	peak
3	11422.000	33.23	16.64	49.87	74.00	-24.13	peak
4	12291.000	31.43	18.77	50.20	74.00	-23.80	peak
5	13611.000	29.43	21.48	50.91	74.00	-23.09	peak
6	17989.000	23.63	26.92	50.55	74.00	-23.45	peak

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



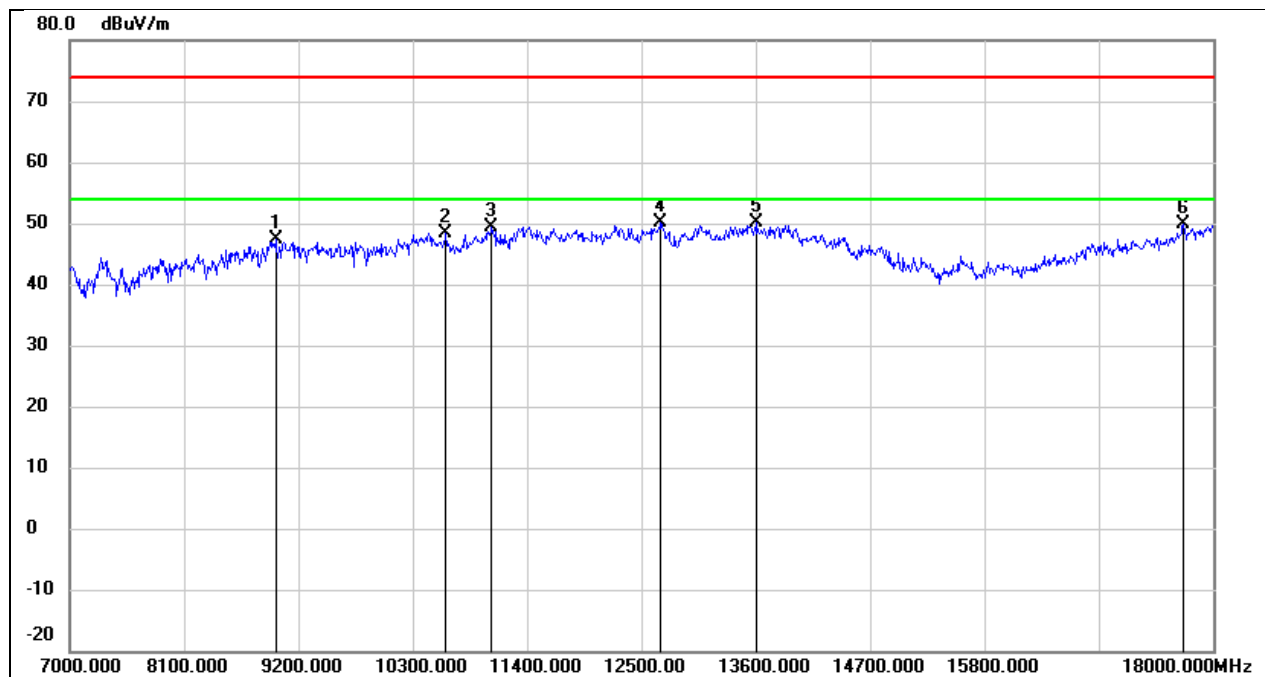
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.82	11.57	48.39	74.00	-25.61	peak
2	10564.000	35.25	13.68	48.93	74.00	-25.07	peak
3	11312.000	33.00	16.03	49.03	74.00	-24.97	peak
4	12643.000	31.48	18.43	49.91	74.00	-24.09	peak
5	13468.000	28.21	21.31	49.52	74.00	-24.48	peak
6	17945.000	23.36	26.74	50.10	74.00	-23.90	peak

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.57	11.57	48.14	74.00	-25.86	peak
2	10344.000	35.94	12.98	48.92	74.00	-25.08	peak
3	11059.000	34.60	15.02	49.62	74.00	-24.38	peak
4	12687.000	31.13	18.53	49.66	74.00	-24.34	peak
5	13457.000	28.67	21.29	49.96	74.00	-24.04	peak
6	18000.000	23.01	26.97	49.98	74.00	-24.02	peak

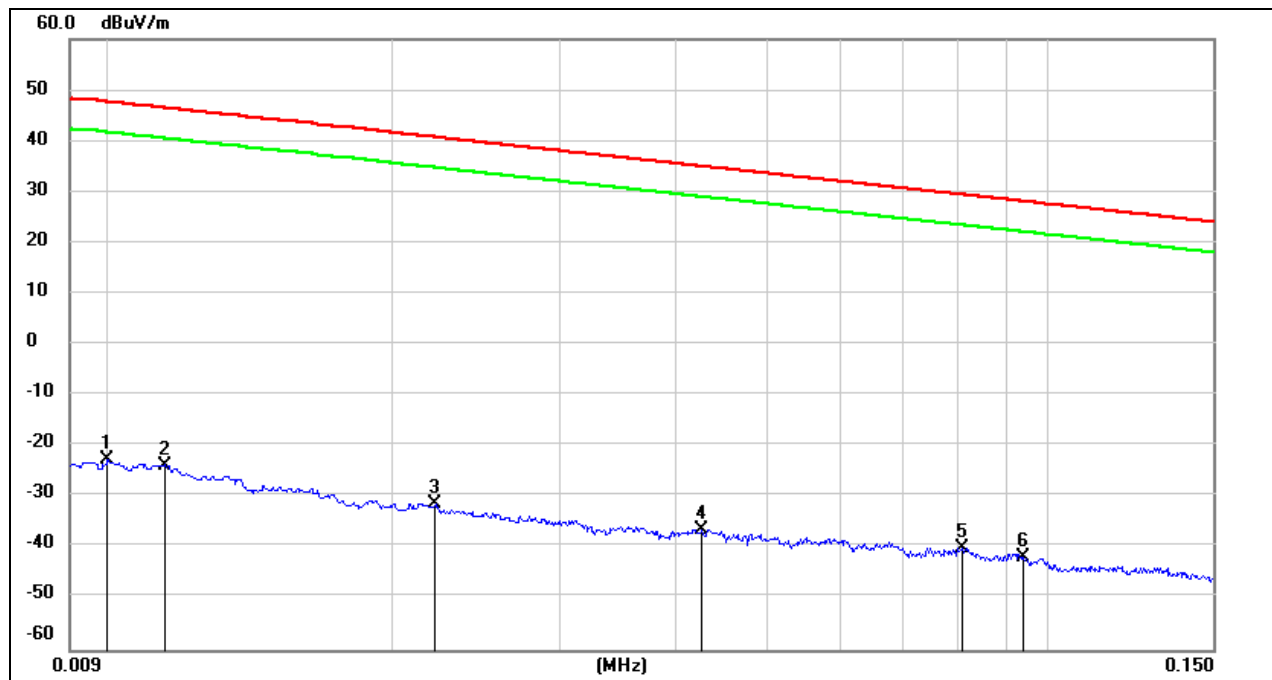
Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	35.75	11.57	47.32	74.00	-26.68	peak
2	10619.000	34.63	13.78	48.41	74.00	-25.59	peak
3	11059.000	34.47	15.02	49.49	74.00	-24.51	peak
4	12687.000	31.52	18.53	50.05	74.00	-23.95	peak
5	13611.000	28.58	21.48	50.06	74.00	-23.94	peak
6	17714.000	24.67	25.14	49.81	74.00	-24.19	peak

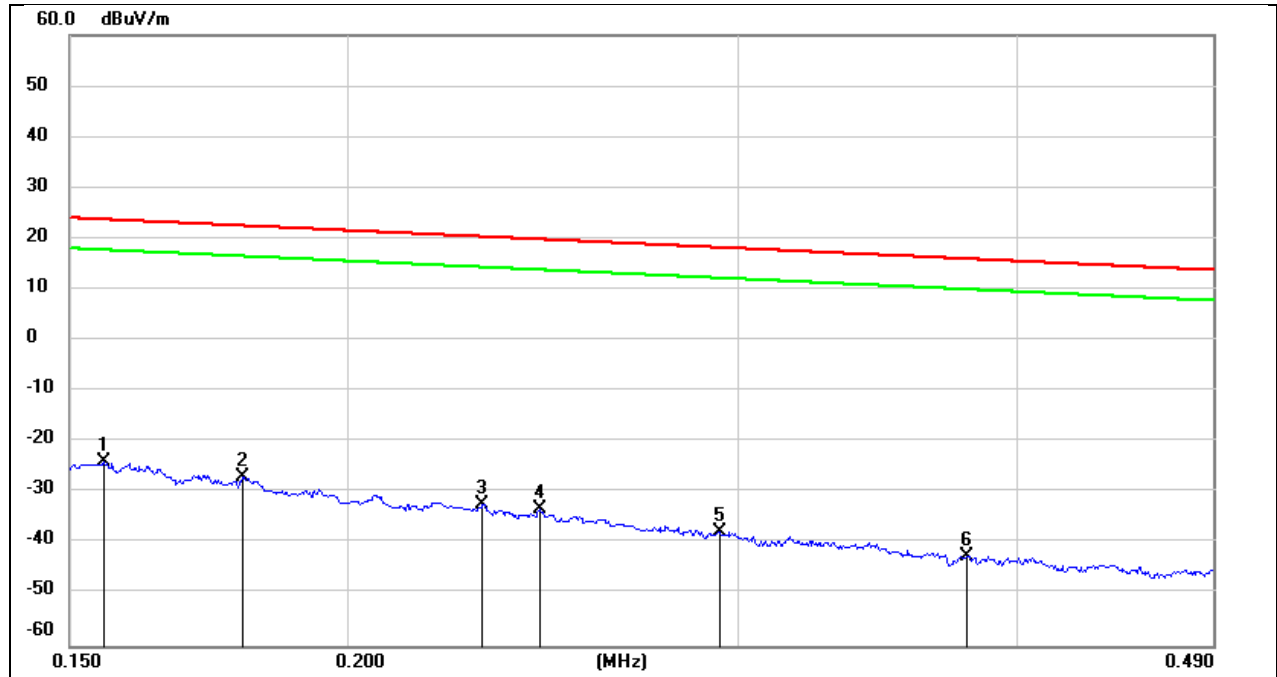
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

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



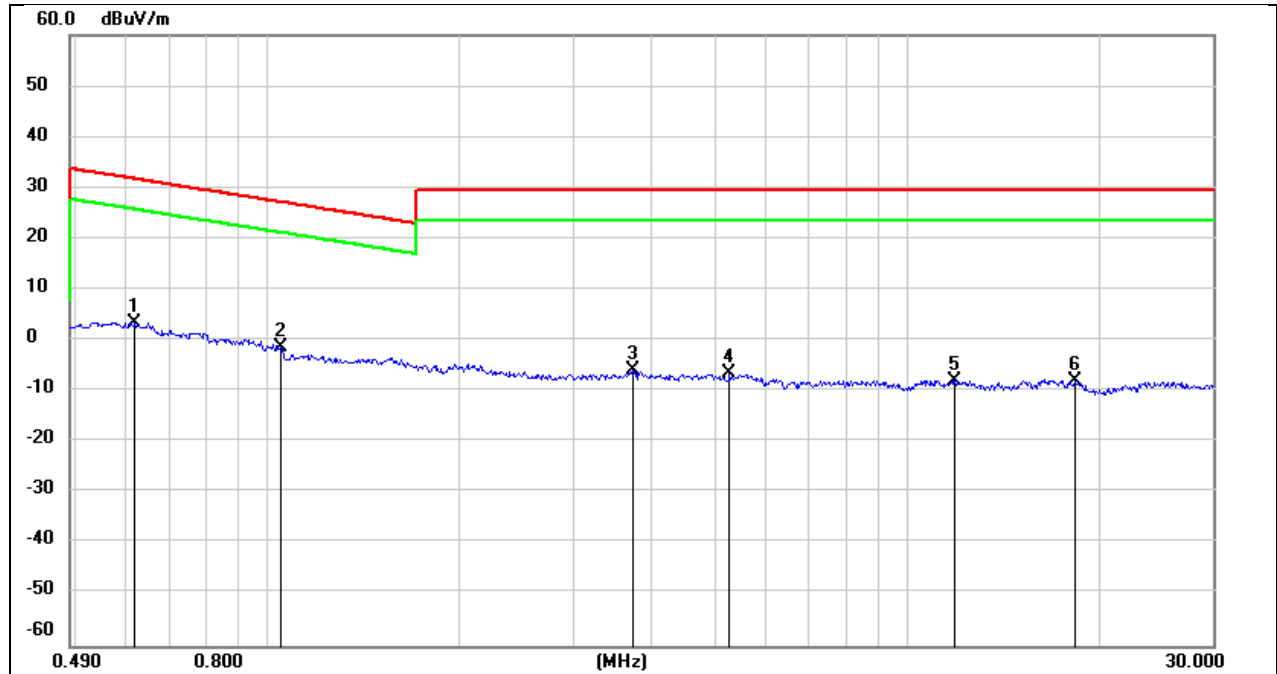
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.0100	78.72	-101.40	-22.68	47.60	-74.18	-3.90	-70.28	peak
2	0.0114	77.50	-101.40	-23.90	46.46	-75.40	-5.04	-70.36	peak
3	0.0221	70.13	-101.35	-31.22	40.71	-82.72	-10.79	-71.93	peak
4	0.0427	65.14	-101.45	-36.31	34.99	-87.81	-16.51	-71.30	peak
5	0.0806	61.68	-101.63	-39.95	29.47	-91.45	-22.03	-69.42	peak
6	0.0942	59.83	-101.75	-41.92	28.12	-93.42	-23.38	-70.04	peak

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



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	77.77	-101.65	-23.88	23.77	-75.38	-27.73	-47.65	peak
2	0.1794	74.77	-101.68	-26.91	22.53	-78.41	-28.97	-49.44	peak
3	0.2300	69.53	-101.77	-32.24	20.37	-83.74	-31.13	-52.61	peak
4	0.2442	68.53	-101.79	-33.26	19.85	-84.76	-31.65	-53.11	peak
5	0.2942	64.32	-101.85	-37.53	18.23	-89.03	-33.27	-55.76	peak
6	0.3800	59.52	-101.94	-42.42	16.01	-93.92	-35.49	-58.43	peak

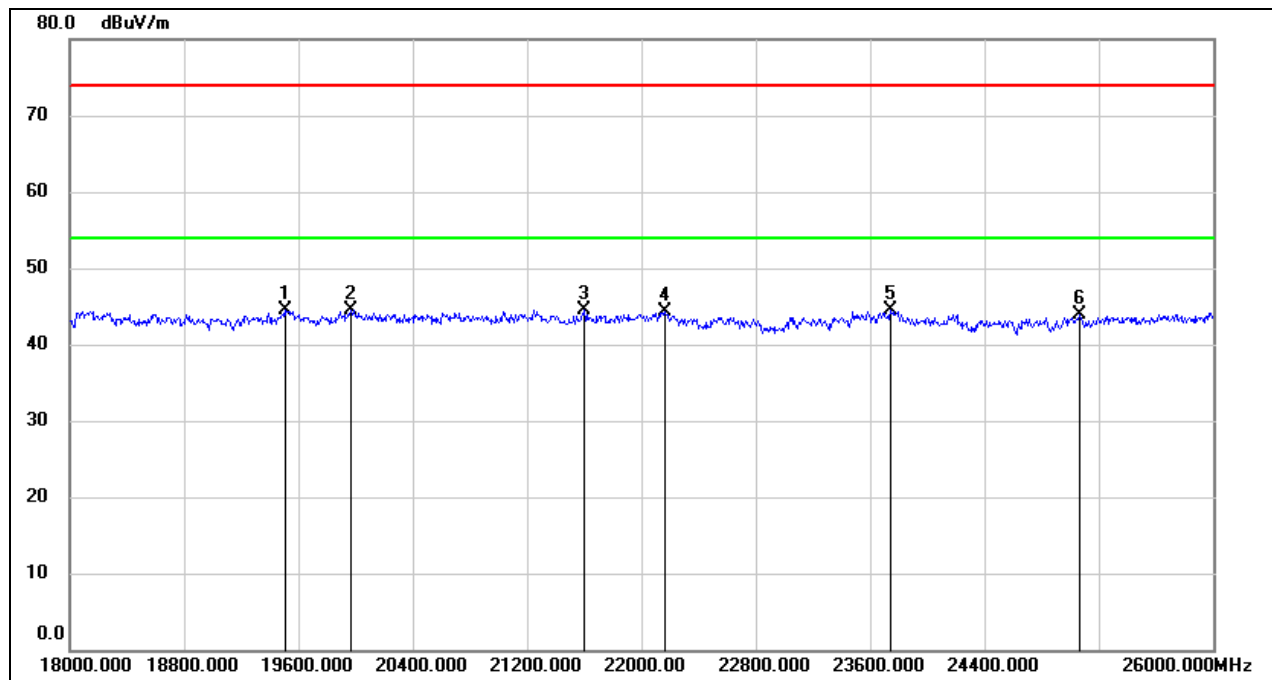
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



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	0.6195	65.58	-62.09	3.49	31.76	-48.01	-19.74	-28.27	peak
2	1.0443	61.03	-62.25	-1.22	27.23	-52.72	-24.27	-28.45	peak
3	3.7100	55.70	-61.41	-5.71	29.54	-57.21	-21.96	-35.25	peak
4	5.2705	55.04	-61.45	-6.41	29.54	-57.91	-21.96	-35.95	peak
5	11.8513	53.06	-60.88	-7.82	29.54	-59.32	-21.96	-37.36	peak
6	18.2545	52.93	-60.90	-7.97	29.54	-59.47	-21.96	-37.51	peak

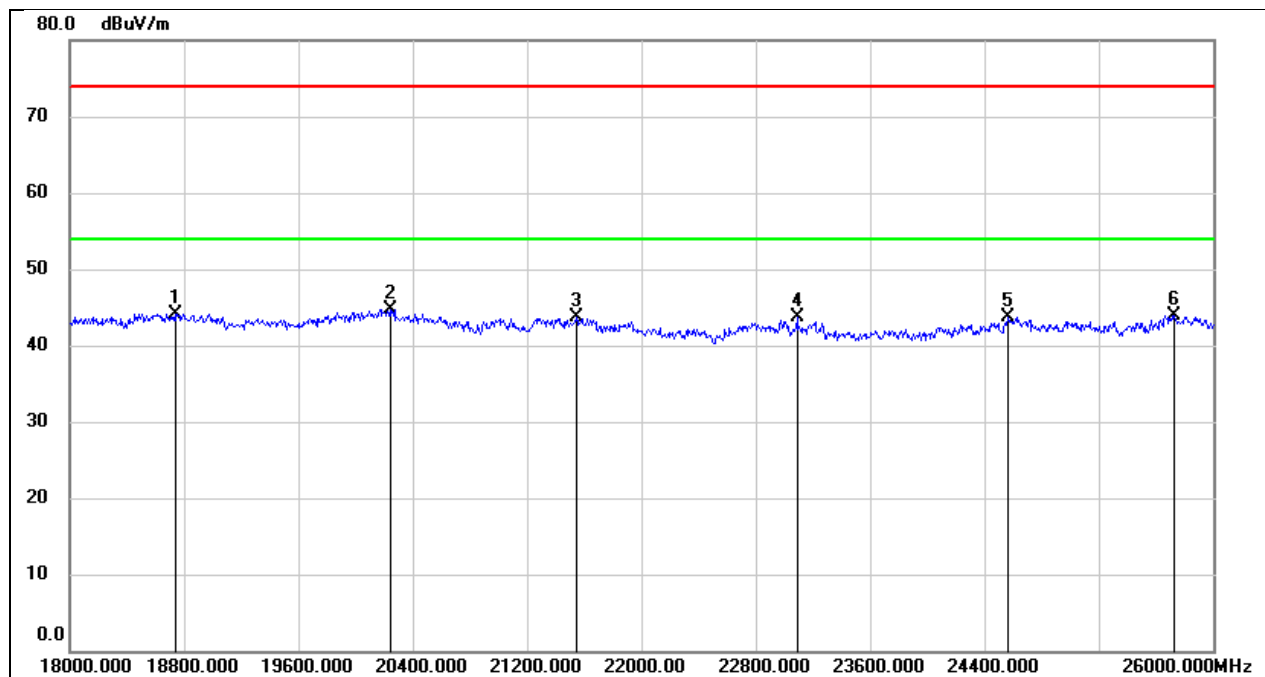
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19504.000	49.97	-5.54	44.43	74.00	-29.57	peak
2	19968.000	49.98	-5.42	44.56	74.00	-29.44	peak
3	21600.000	49.02	-4.54	44.48	74.00	-29.52	peak
4	22160.000	48.58	-4.31	44.27	74.00	-29.73	peak
5	23744.000	47.65	-3.20	44.45	74.00	-29.55	peak
6	25064.000	45.92	-1.99	43.93	74.00	-30.07	peak

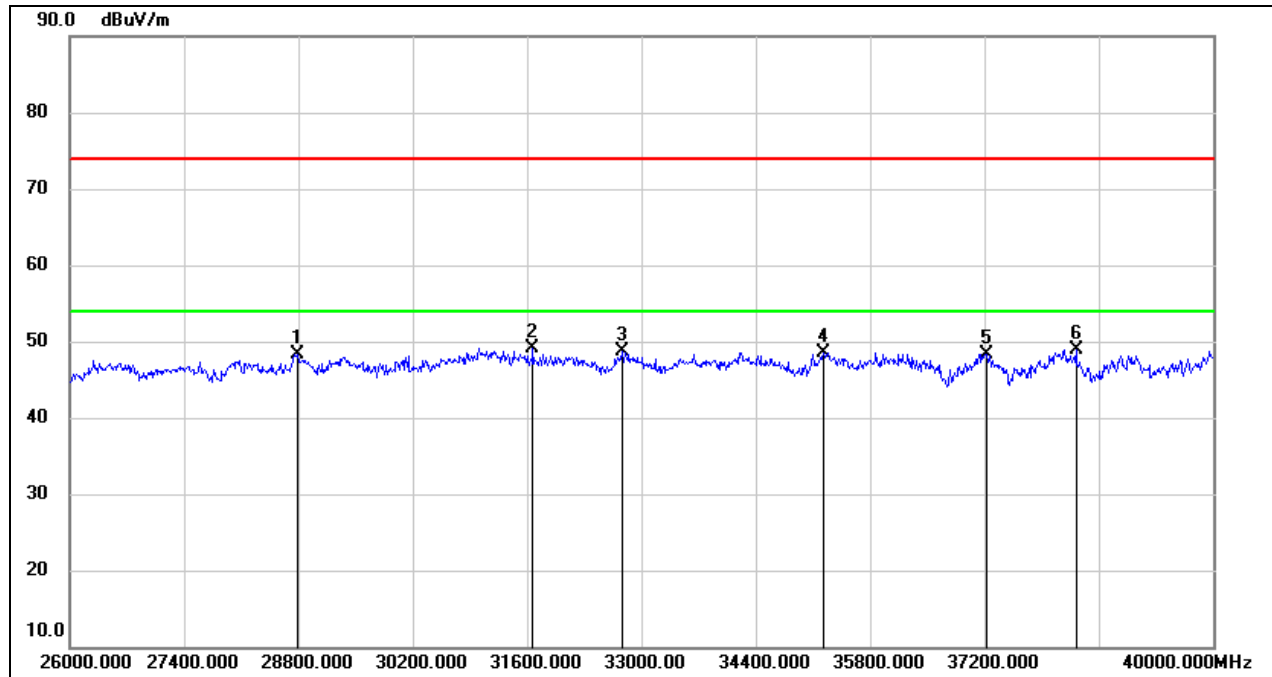
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18736.000	49.51	-5.41	44.10	74.00	-29.90	peak
2	20240.000	50.32	-5.61	44.71	74.00	-29.29	peak
3	21544.000	48.26	-4.63	43.63	74.00	-30.37	peak
4	23088.000	47.02	-3.41	43.61	74.00	-30.39	peak
5	24568.000	46.10	-2.33	43.77	74.00	-30.23	peak
6	25728.000	44.61	-0.72	43.89	74.00	-30.11	peak

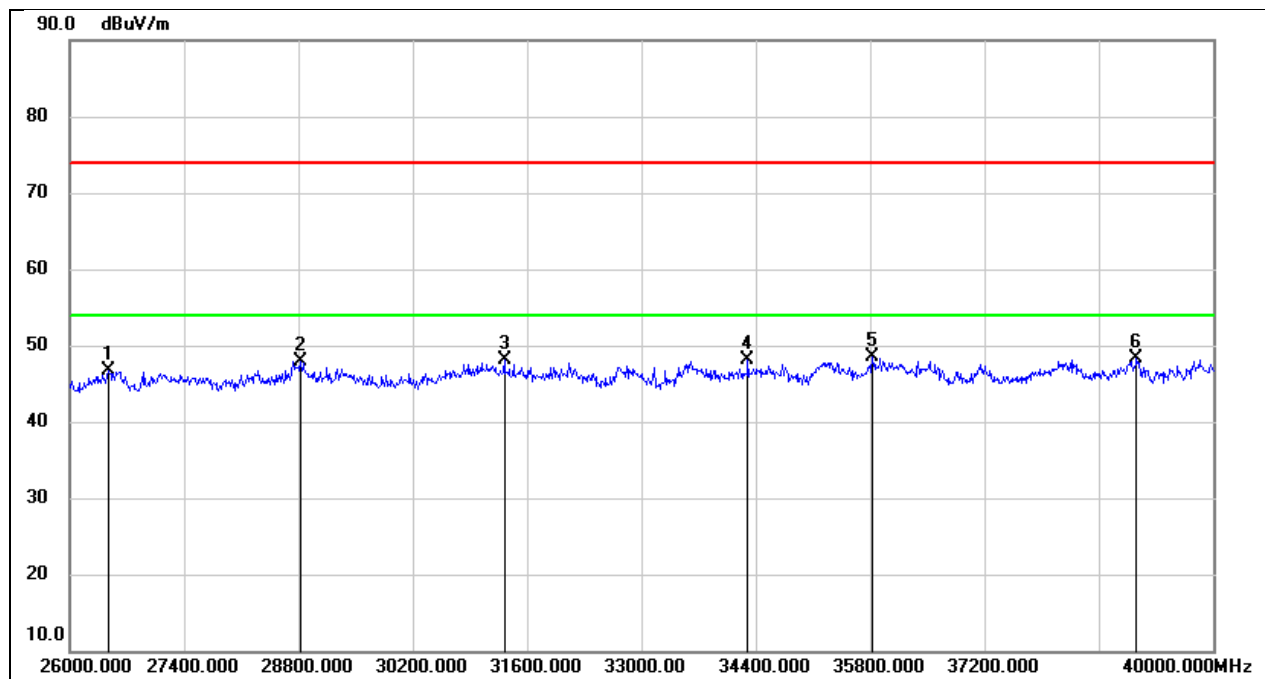
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28786.000	48.99	-0.64	48.35	74.00	-25.65	peak
2	31670.000	50.36	-1.21	49.15	74.00	-24.85	peak
3	32762.000	49.95	-1.21	48.74	74.00	-25.26	peak
4	35226.000	46.06	2.53	48.59	74.00	-25.41	peak
5	37228.000	45.23	3.14	48.37	74.00	-25.63	peak
6	38320.000	45.06	3.77	48.83	74.00	-25.17	peak

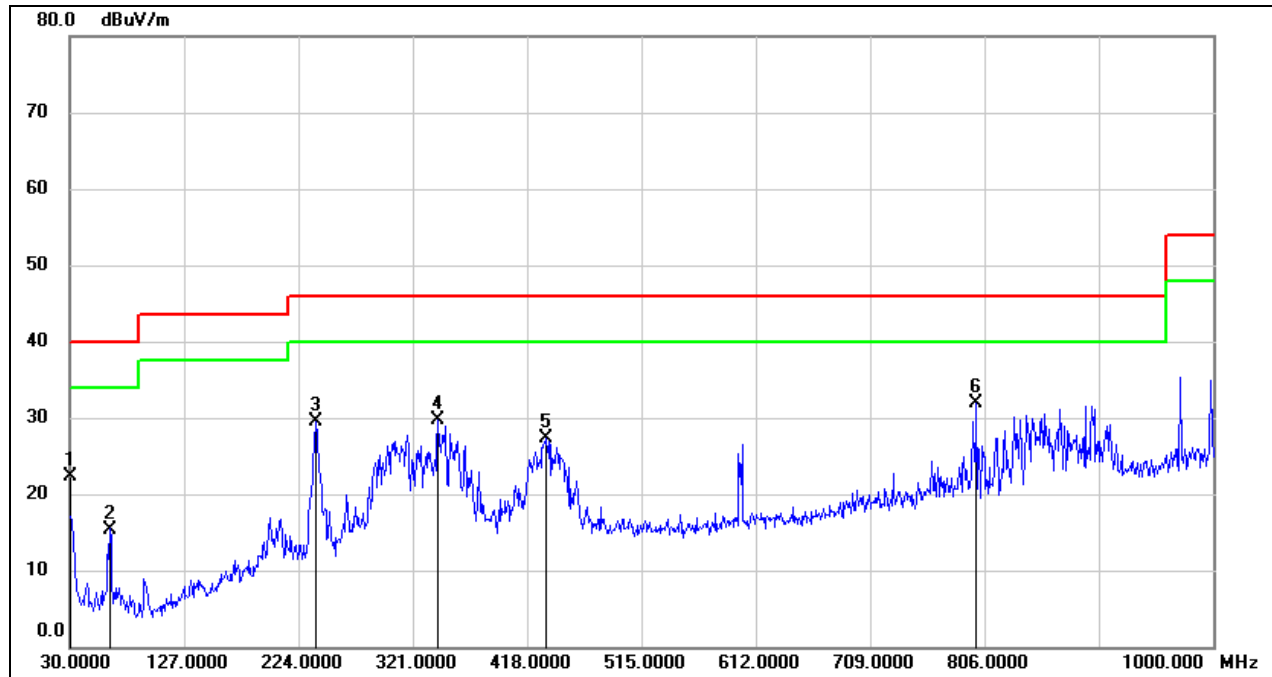
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3 V



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	28828.000	48.63	-0.79	47.84	74.00	-26.16	peak
3	31320.000	49.11	-0.93	48.18	74.00	-25.82	peak
4	34302.000	46.95	1.10	48.05	74.00	-25.95	peak
5	35828.000	44.75	3.67	48.42	74.00	-25.58	peak
6	39062.000	43.98	4.30	48.28	74.00	-25.72	peak

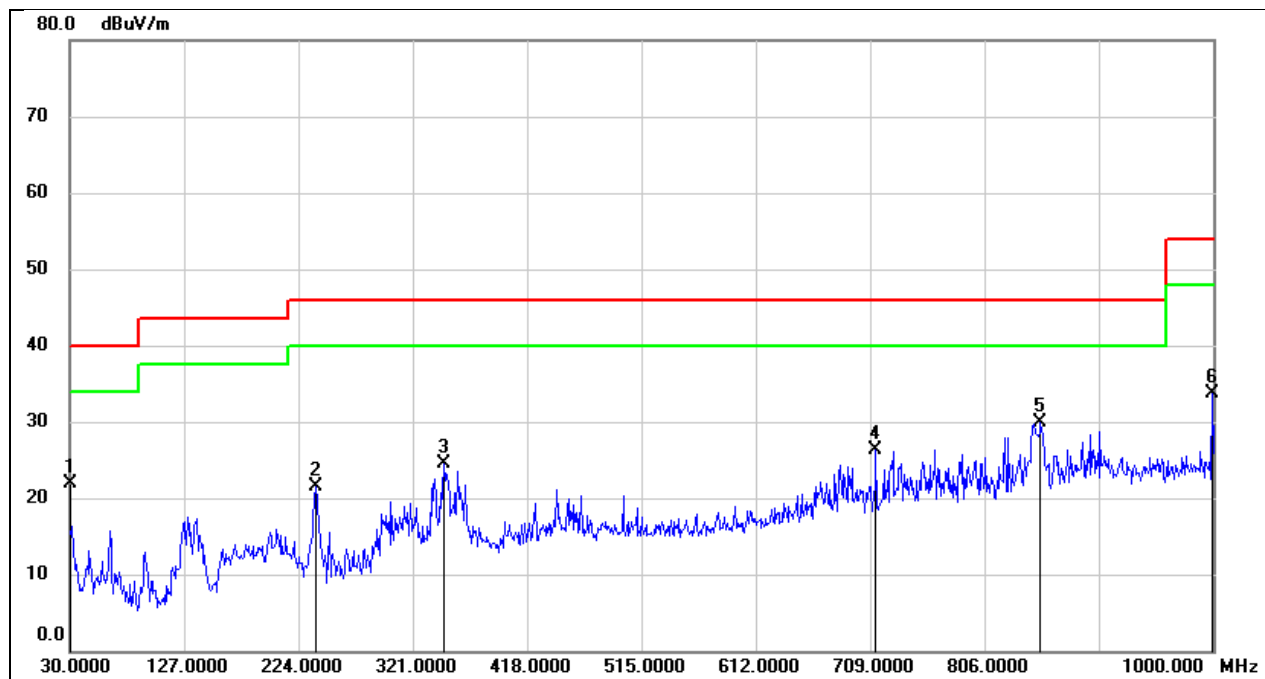
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	35.66	-13.34	22.32	40.00	-17.68	QP
2	63.9500	30.75	-15.35	15.40	40.00	-24.60	QP
3	238.5500	43.53	-14.08	29.45	46.00	-16.55	QP
4	342.3400	39.71	-9.92	29.79	46.00	-16.21	QP
5	434.4900	36.36	-8.99	27.37	46.00	-18.63	QP
6	799.2100	34.82	-2.92	31.90	46.00	-14.10	QP

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	35.22	-13.34	21.88	40.00	-18.12	QP
2	238.5500	35.66	-14.08	21.58	46.00	-24.42	QP
3	347.1900	34.13	-9.70	24.43	46.00	-21.57	QP
4	713.8500	30.56	-4.28	26.28	46.00	-19.72	QP
5	853.5300	32.43	-2.58	29.85	46.00	-16.15	QP
6	999.0300	35.01	-1.24	33.77	54.00	-20.23	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

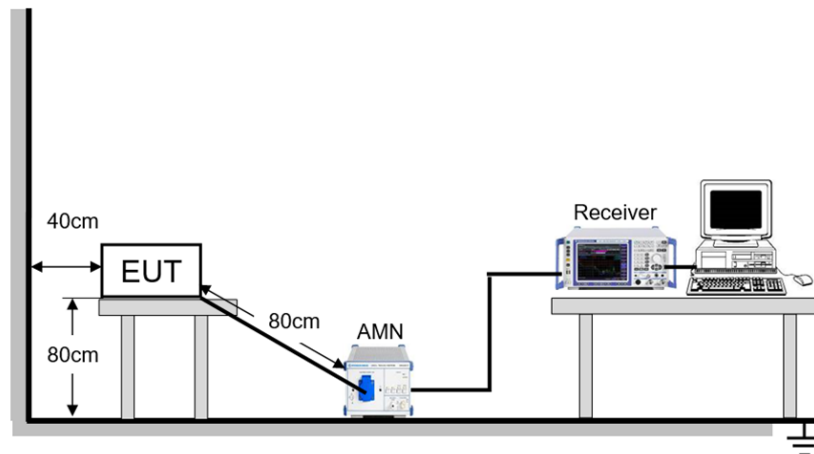
TEST PROCEDURE

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

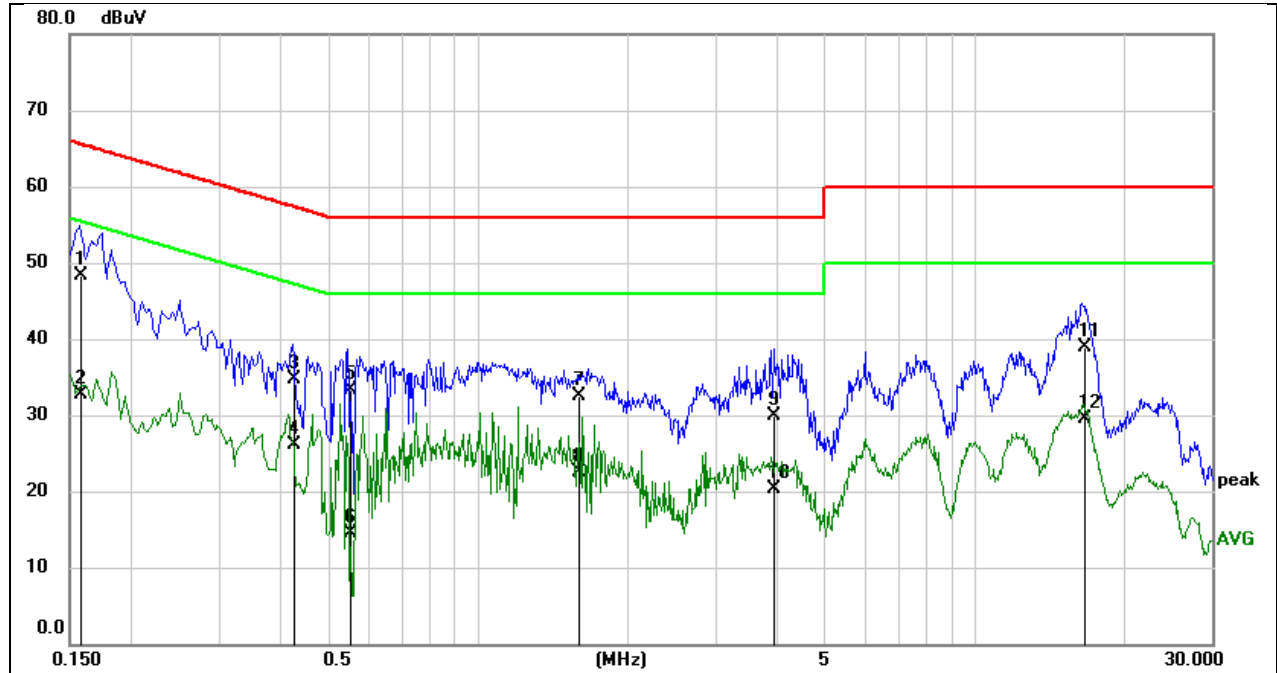
Temperature	24.5°C	Relative Humidity	66%
Atmosphere Pressure	101kPa	Test Voltage	AC 120 V, 60 Hz

TEST DATE / ENGINEER

Test Date	March 26, 2024	Test By	Wite Chen
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TEST RESULTS

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



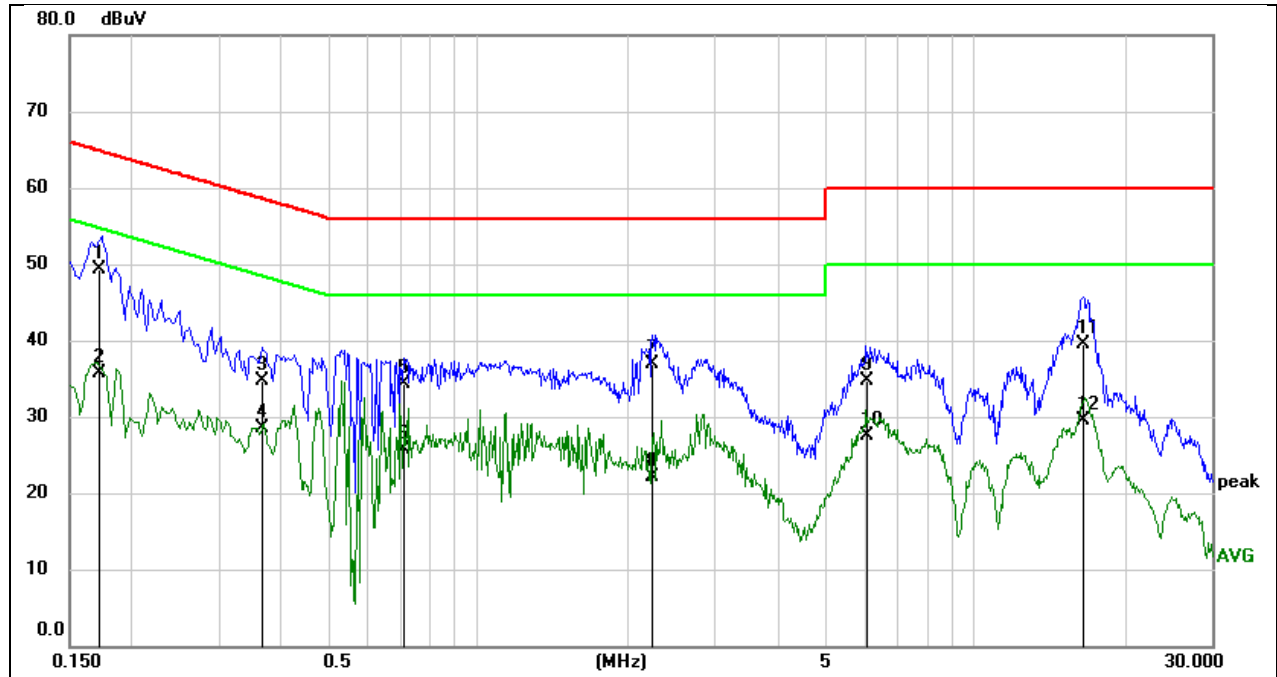
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1585	38.00	10.32	48.32	65.54	-17.22	QP
2	0.1585	22.30	10.32	32.62	55.54	-22.92	AVG
3	0.4258	24.46	10.24	34.70	57.33	-22.63	QP
4	0.4258	15.82	10.24	26.06	47.33	-21.27	AVG
5	0.5521	23.14	10.24	33.38	56.00	-22.62	QP
6	0.5521	4.22	10.24	14.46	46.00	-31.54	AVG
7	1.6009	22.57	9.98	32.55	56.00	-23.45	QP
8	1.6009	12.55	9.98	22.53	46.00	-23.47	AVG
9	3.9640	19.59	10.22	29.81	56.00	-26.19	QP
10	3.9640	10.08	10.22	20.30	46.00	-25.70	AVG
11	16.5124	28.24	10.63	38.87	60.00	-21.13	QP
12	16.5124	18.97	10.63	29.60	50.00	-20.40	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	0.1718	38.94	10.30	49.24	64.87	-15.63	QP
2	0.1718	25.33	10.30	35.63	54.87	-19.24	AVG
3	0.3647	24.40	10.24	34.64	58.62	-23.98	QP
4	0.3647	18.35	10.24	28.59	48.62	-20.03	AVG
5	0.7094	24.08	10.22	34.30	56.00	-21.70	QP
6	0.7094	15.50	10.22	25.72	46.00	-20.28	AVG
7	2.2468	26.96	9.98	36.94	56.00	-19.06	QP
8	2.2468	12.03	9.98	22.01	46.00	-23.99	AVG
9	6.1093	24.45	10.30	34.75	60.00	-25.25	QP
10	6.1093	17.27	10.30	27.57	50.00	-22.43	AVG
11	16.5115	28.93	10.63	39.56	60.00	-20.44	QP
12	16.5115	18.97	10.63	29.60	50.00	-20.40	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	1.41	1.61	0.8758	87.58	0.58	0.71	1
n20	1.32	1.46	0.9041	90.41	0.44	0.76	1
n40	0.65	0.84	0.7738	77.38	1.11	1.54	2

Note:

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

Where: x is Duty Cycle (Linear)

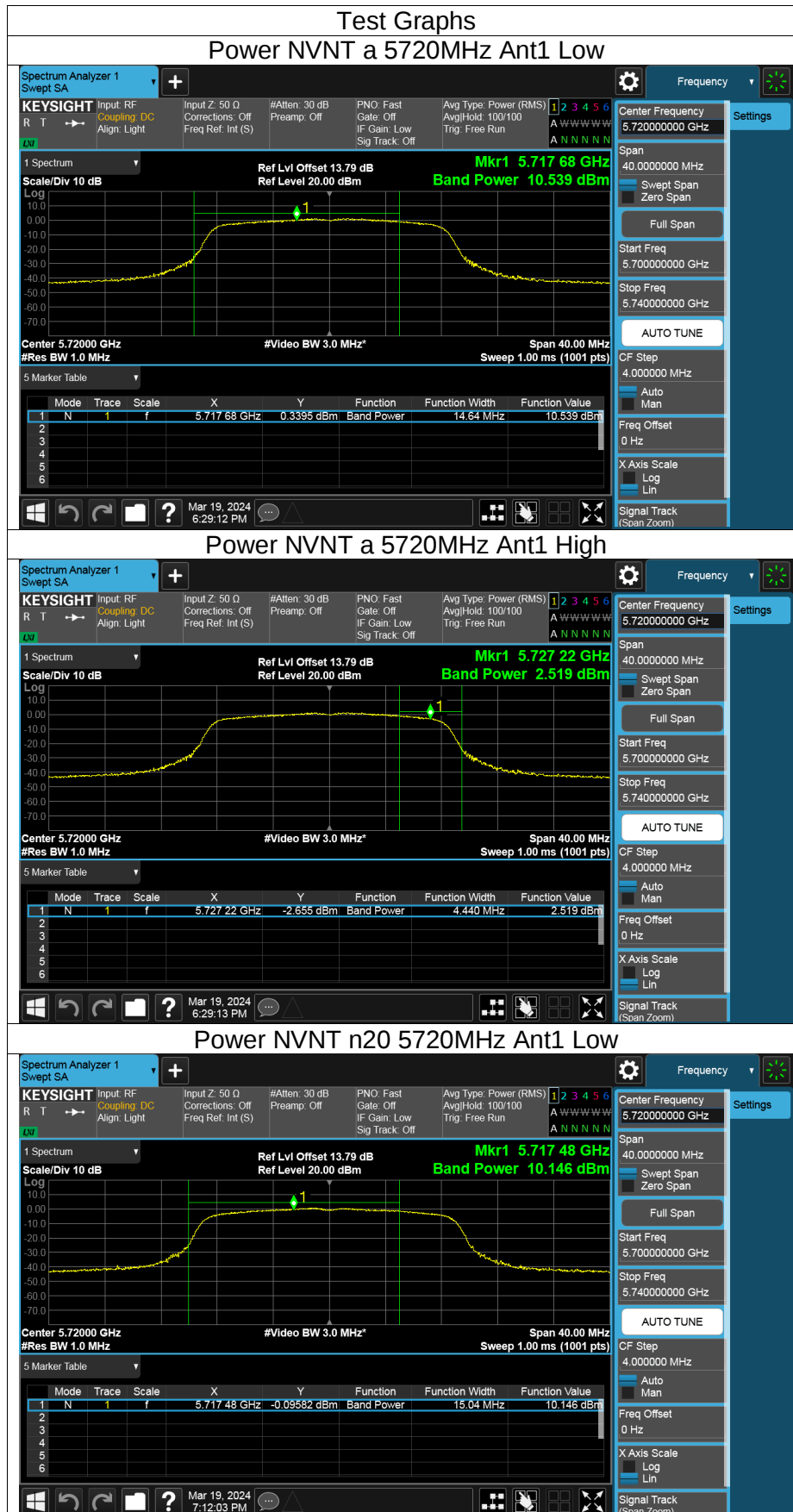
Where: T is On Time

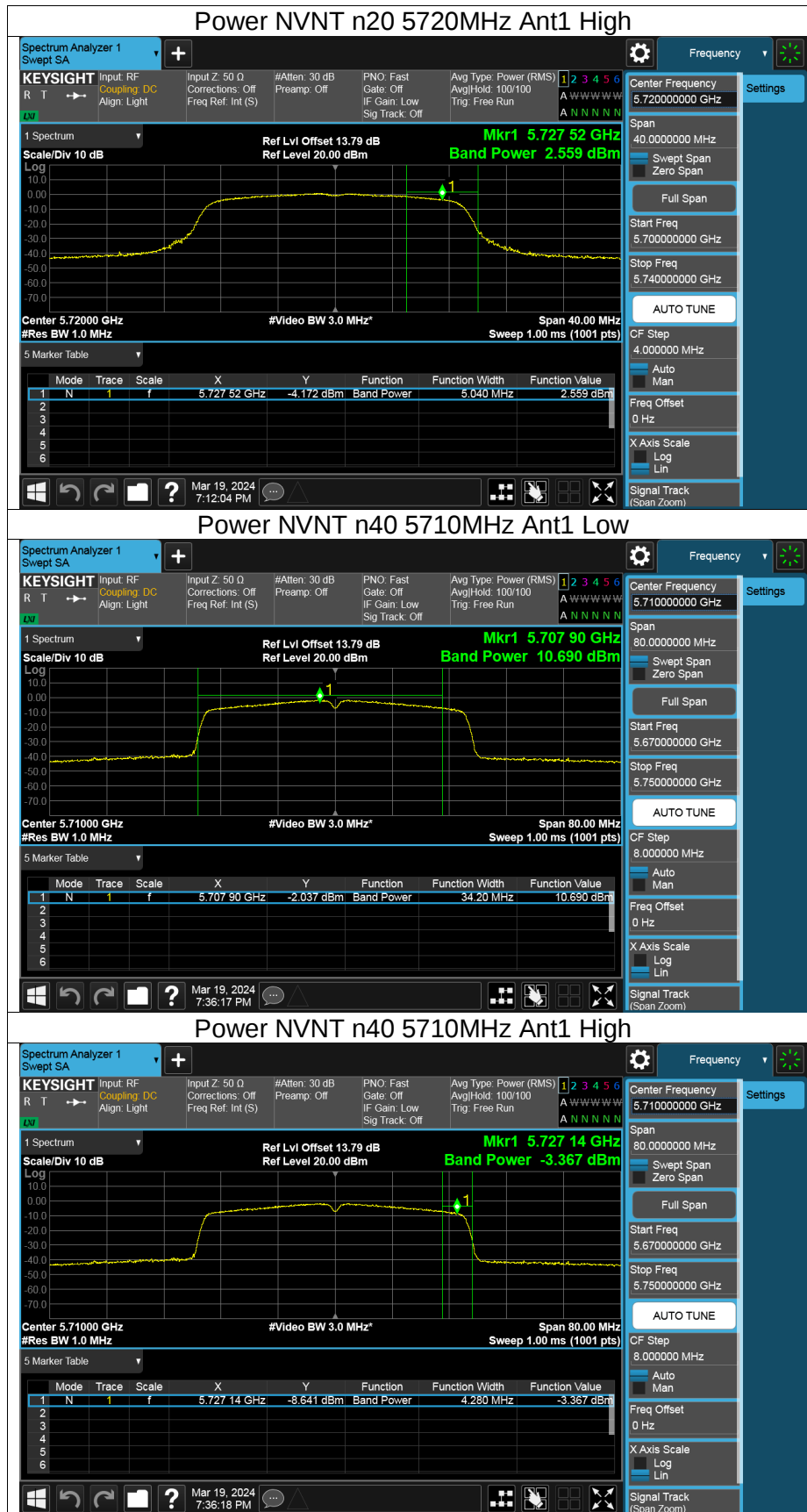
If that calculated VBW is not available on the analyzer then the next higher value should be used.



Appendix B: Maximum Conducted Output Power

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
a	5180	Ant1	13.91	0.58	14.49	≤23.98	---	17.06	≤22.11	Pass
a	5200	Ant1	14.10	0.58	14.68	≤23.98	---	17.25	≤22.12	Pass
a	5240	Ant1	14.17	0.58	14.75	≤23.98	---	17.32	≤22.12	Pass
a	5260	Ant1	14.56	0.58	15.14	≤23.98	≤23.11	17.71	≤29.11	Pass
a	5280	Ant1	14.38	0.58	14.96	≤23.98	≤23.10	17.53	≤29.10	Pass
a	5320	Ant1	14.31	0.58	14.89	≤23.98	≤23.11	17.46	≤29.11	Pass
a	5500	Ant1	14.12	0.58	14.70	≤23.98	≤23.12	17.27	≤29.12	Pass
a	5580	Ant1	14.62	0.58	15.20	≤23.98	≤23.11	17.77	≤29.11	Pass
a	5700	Ant1	14.76	0.58	15.34	≤23.98	≤23.11	17.91	≤29.11	Pass
a	5720 Low	Ant1	10.54	0.58	11.12	≤22.58	≤22.19	13.69	≤28.19	Pass
a	5720 High	Ant1	2.52	0.58	3.10	≤30.00	≤30.00	5.67	---	Pass
a	5745	Ant1	14.61	0.58	15.19	≤30.00	≤30.00	17.76	---	Pass
a	5785	Ant1	14.22	0.58	14.80	≤30.00	≤30.00	17.37	---	Pass
a	5825	Ant1	14.32	0.58	14.90	≤30.00	≤30.00	17.47	---	Pass
n20	5180	Ant1	14.05	0.44	14.49	≤23.98	---	17.06	≤22.41	Pass
n20	5200	Ant1	14.21	0.44	14.65	≤23.98	---	17.22	≤22.40	Pass
n20	5240	Ant1	14.21	0.44	14.65	≤23.98	---	17.22	≤22.40	Pass
n20	5260	Ant1	14.38	0.44	14.82	≤23.98	≤23.40	17.39	≤29.40	Pass
n20	5280	Ant1	14.20	0.44	14.64	≤23.98	≤23.40	17.21	≤29.40	Pass
n20	5320	Ant1	14.12	0.44	14.56	≤23.98	≤23.40	17.13	≤29.40	Pass
n20	5500	Ant1	13.44	0.44	13.88	≤23.98	≤23.42	16.45	≤29.42	Pass
n20	5580	Ant1	14.34	0.44	14.78	≤23.98	≤23.41	17.35	≤29.41	Pass
n20	5700	Ant1	14.21	0.44	14.65	≤23.98	≤23.41	17.22	≤29.41	Pass
n20	5720 Low	Ant1	10.15	0.44	10.59	≤22.81	≤22.36	13.16	≤28.36	Pass
n20	5720 High	Ant1	2.56	0.44	3.00	≤30.00	≤30.00	5.57	---	Pass
n20	5745	Ant1	13.79	0.44	14.23	≤30.00	≤30.00	16.80	---	Pass
n20	5785	Ant1	13.69	0.44	14.13	≤30.00	≤30.00	16.70	---	Pass
n20	5825	Ant1	13.46	0.44	13.90	≤30.00	≤30.00	16.47	---	Pass
n40	5190	Ant1	13.57	1.11	14.68	≤23.98	---	17.25	23.00	Pass
n40	5230	Ant1	13.07	1.11	14.18	≤23.98	---	16.75	23.00	Pass
n40	5270	Ant1	13.62	1.11	14.73	≤23.98	≤23.98	17.30	≤30.00	Pass
n40	5310	Ant1	13.67	1.11	14.78	≤23.98	≤23.98	17.35	≤30.00	Pass
n40	5510	Ant1	13.56	1.11	14.67	≤23.98	≤23.98	17.24	≤30.00	Pass
n40	5550	Ant1	13.70	1.11	14.81	≤23.98	≤23.98	17.38	≤30.00	Pass
n40	5670	Ant1	14.11	1.11	15.22	≤23.98	≤23.98	17.79	≤30.00	Pass
n40	5710 Low	Ant1	10.69	1.11	11.80	≤23.98	≤23.98	14.37	≤30.00	Pass
n40	5710 High	Ant1	-3.37	1.11	-2.26	≤30.00	≤30.00	0.31	---	Pass
n40	5785	Ant1	13.40	1.11	14.51	≤30.00	≤30.00	17.08	---	Pass
n40	5795	Ant1	13.87	1.11	14.98	≤30.00	≤30.00	17.55	---	Pass



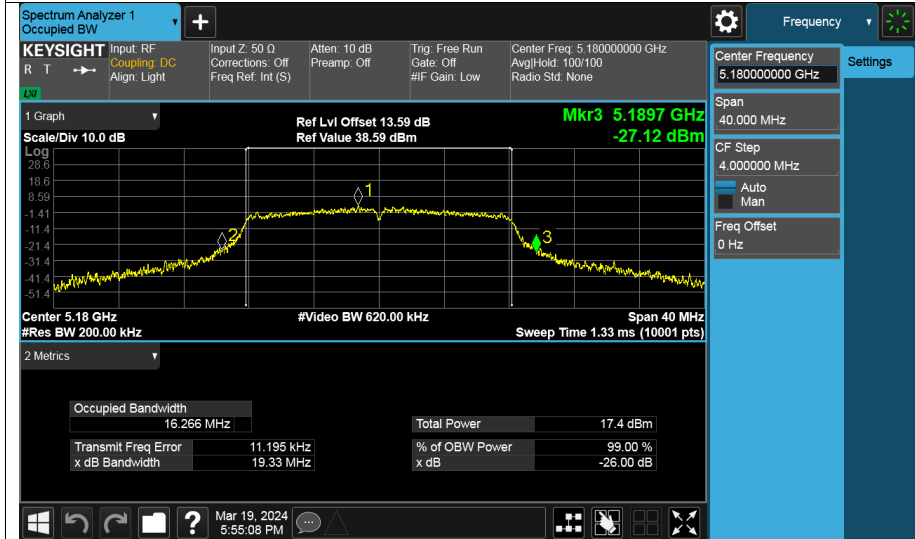


Appendix C: -26dB Bandwidth

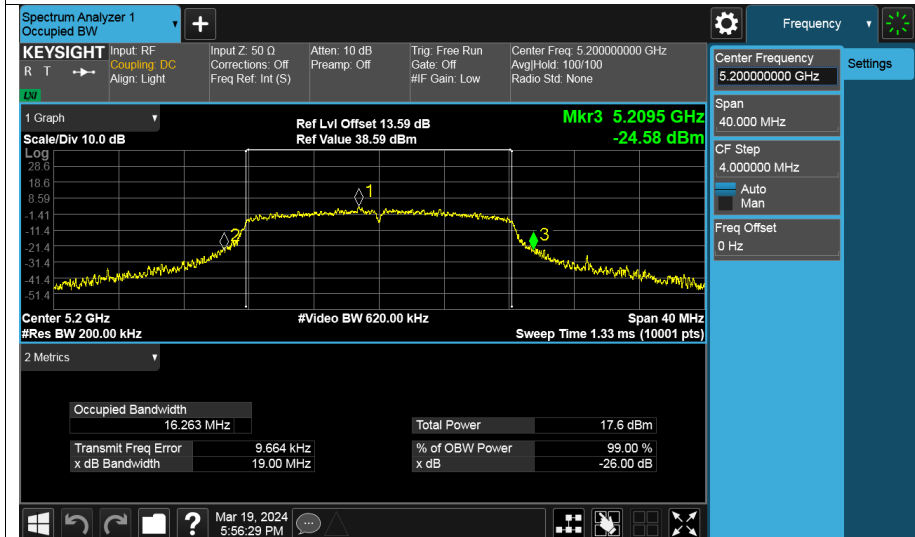
Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	19.33	Pass
a	5200	Ant1	19	Pass
a	5240	Ant1	19.45	Pass
a	5260	Ant1	19.23	Pass
a	5280	Ant1	19.15	Pass
a	5320	Ant1	19.16	Pass
a	5500	Ant1	19.04	Pass
a	5580	Ant1	19.71	Pass
a	5700	Ant1	18.99	Pass
a	5720 Low	Ant1	14.36	Pass
a	5720 High	Ant1	4.24	Pass
a	5745	Ant1	19.02	Pass
a	5785	Ant1	19.31	Pass
a	5825	Ant1	19.27	Pass
n20	5180	Ant1	19.57	Pass
n20	5200	Ant1	19.82	Pass
n20	5240	Ant1	19.67	Pass
n20	5260	Ant1	20.1	Pass
n20	5280	Ant1	19.62	Pass
n20	5320	Ant1	19.97	Pass
n20	5500	Ant1	19.84	Pass
n20	5580	Ant1	20.47	Pass
n20	5700	Ant1	19.95	Pass
n20	5720 Low	Ant1	15.2	Pass
n20	5720 High	Ant1	5.04	Pass
n20	5745	Ant1	19.58	Pass
n20	5785	Ant1	20.18	Pass
n20	5825	Ant1	20.03	Pass
n40	5190	Ant1	37.74	Pass
n40	5230	Ant1	37.98	Pass
n40	5270	Ant1	37.85	Pass
n40	5310	Ant1	37.87	Pass
n40	5510	Ant1	37.91	Pass
n40	5550	Ant1	37.81	Pass
n40	5670	Ant1	38.13	Pass
n40	5710 Low	Ant1	34.12	Pass
n40	5710 High	Ant1	3.88	Pass
n40	5755	Ant1	37.93	Pass
n40	5795	Ant1	37.82	Pass

Test Graphs

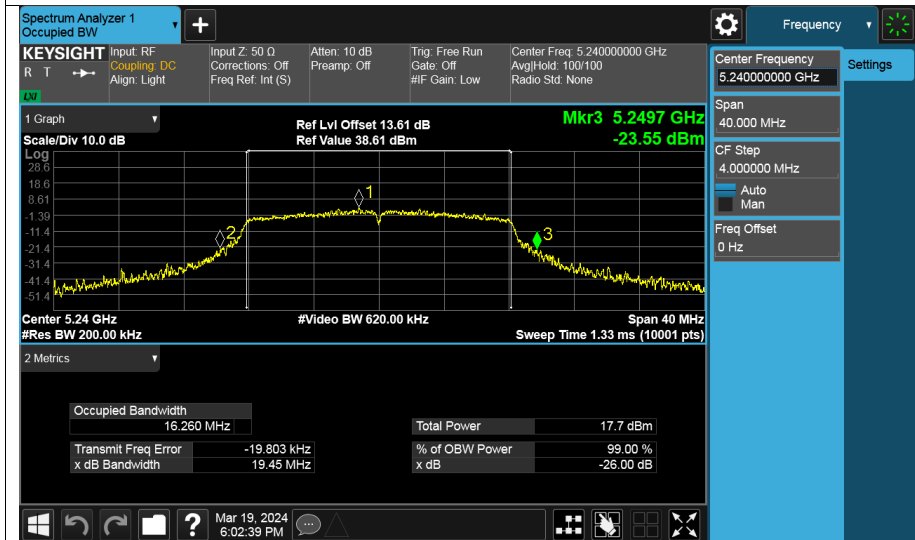
-26dB Bandwidth NVNT a 5180MHz Ant1

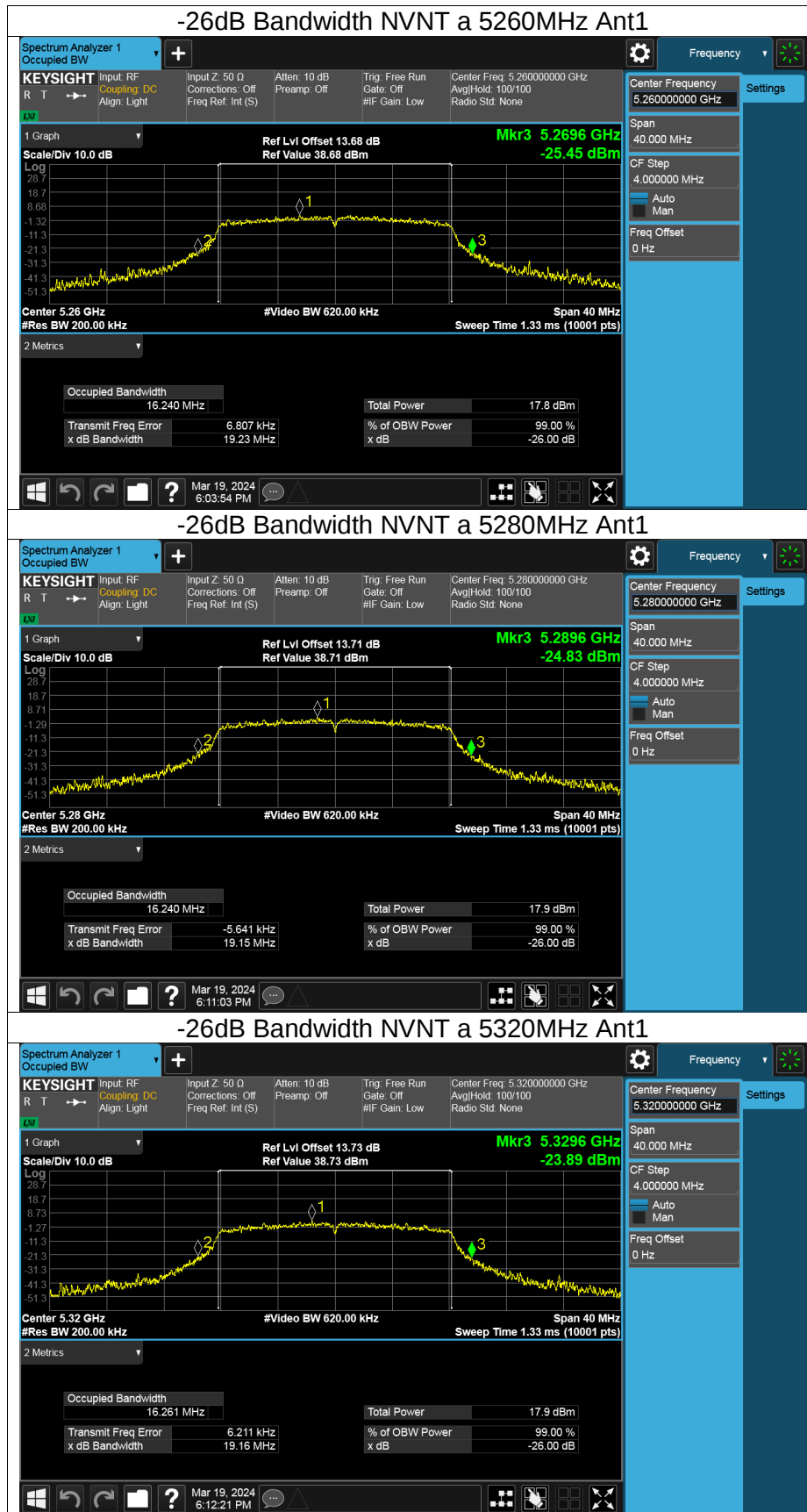


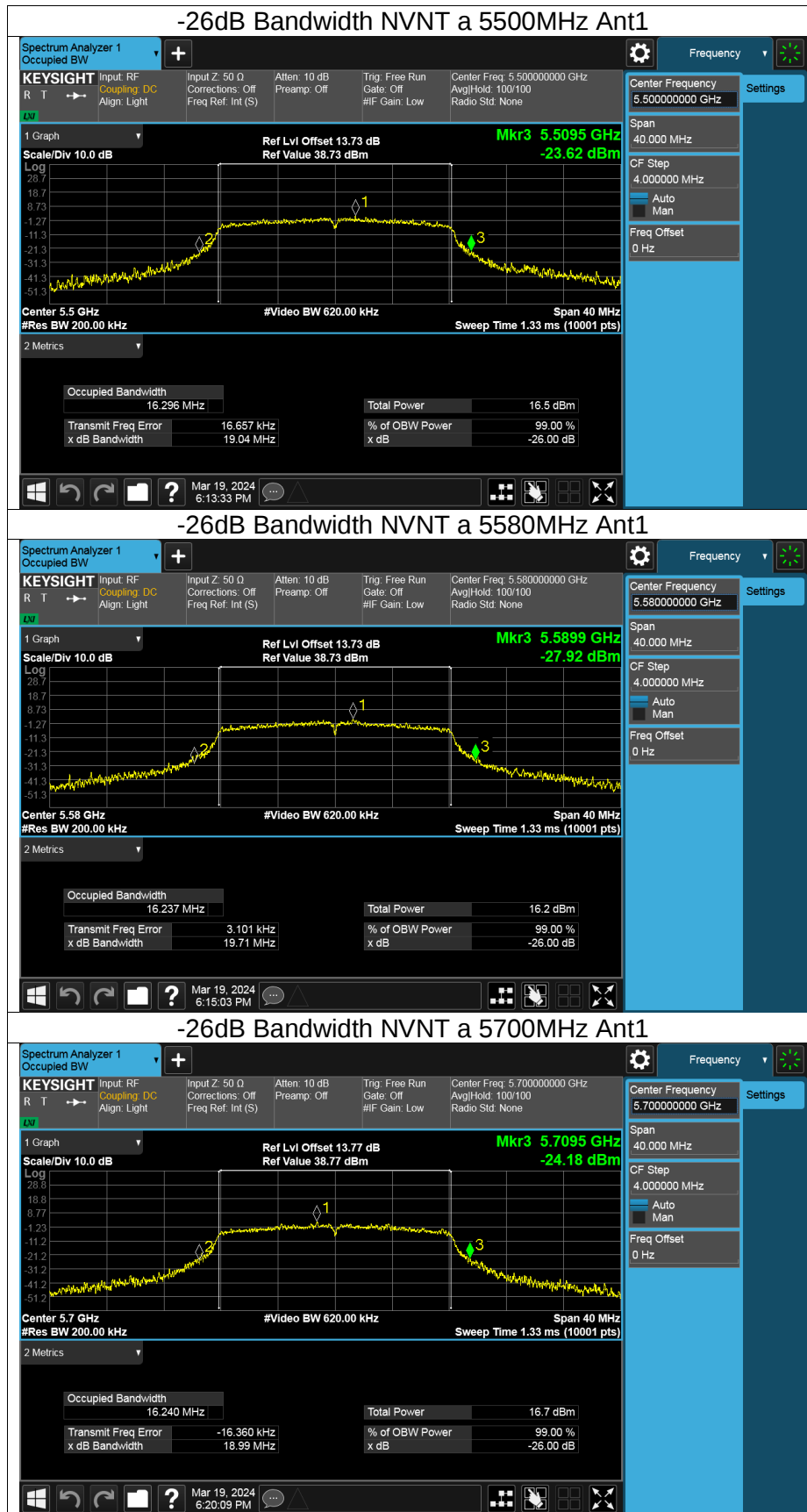
-26dB Bandwidth NVNT a 5200MHz Ant1

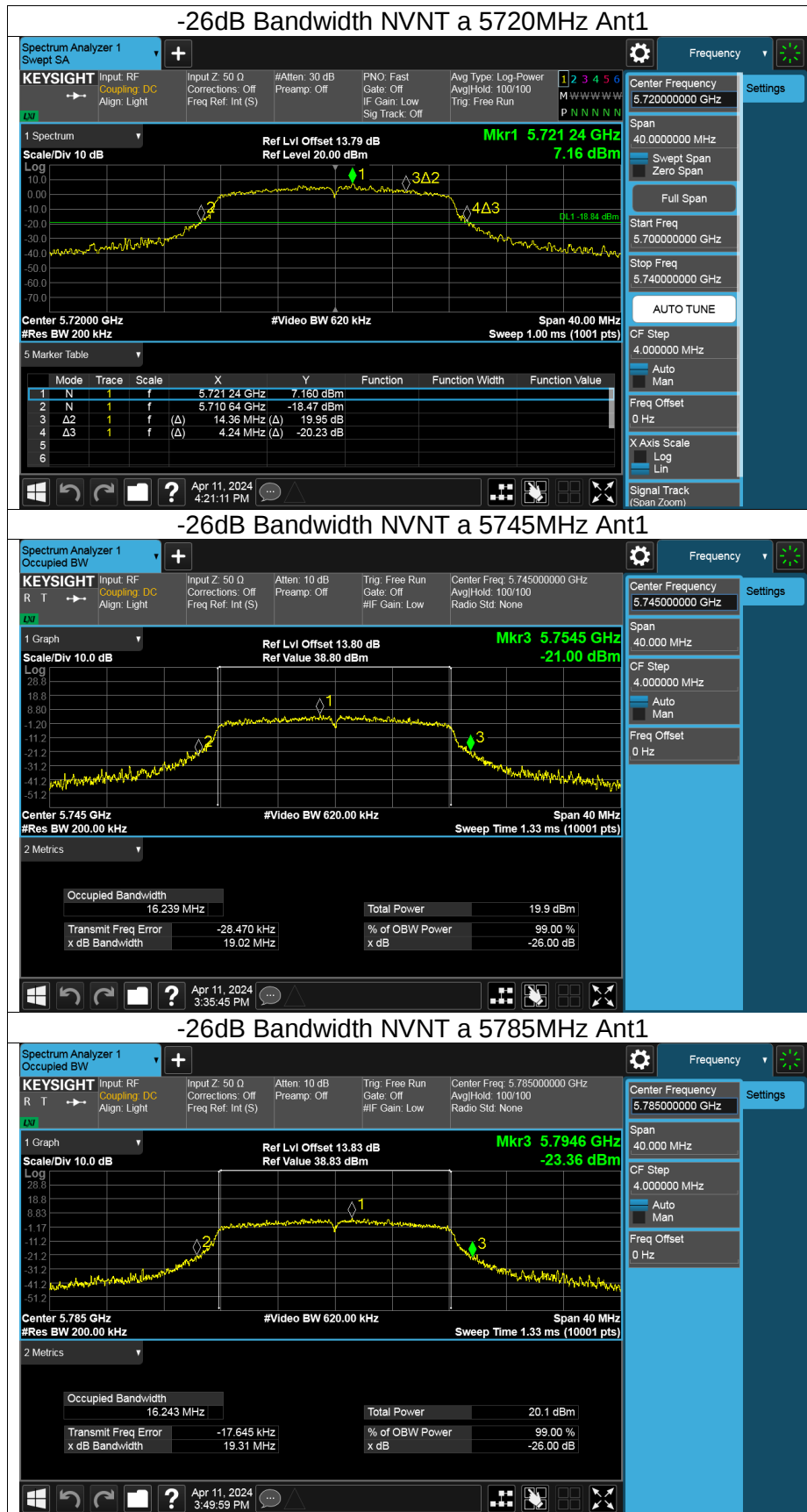


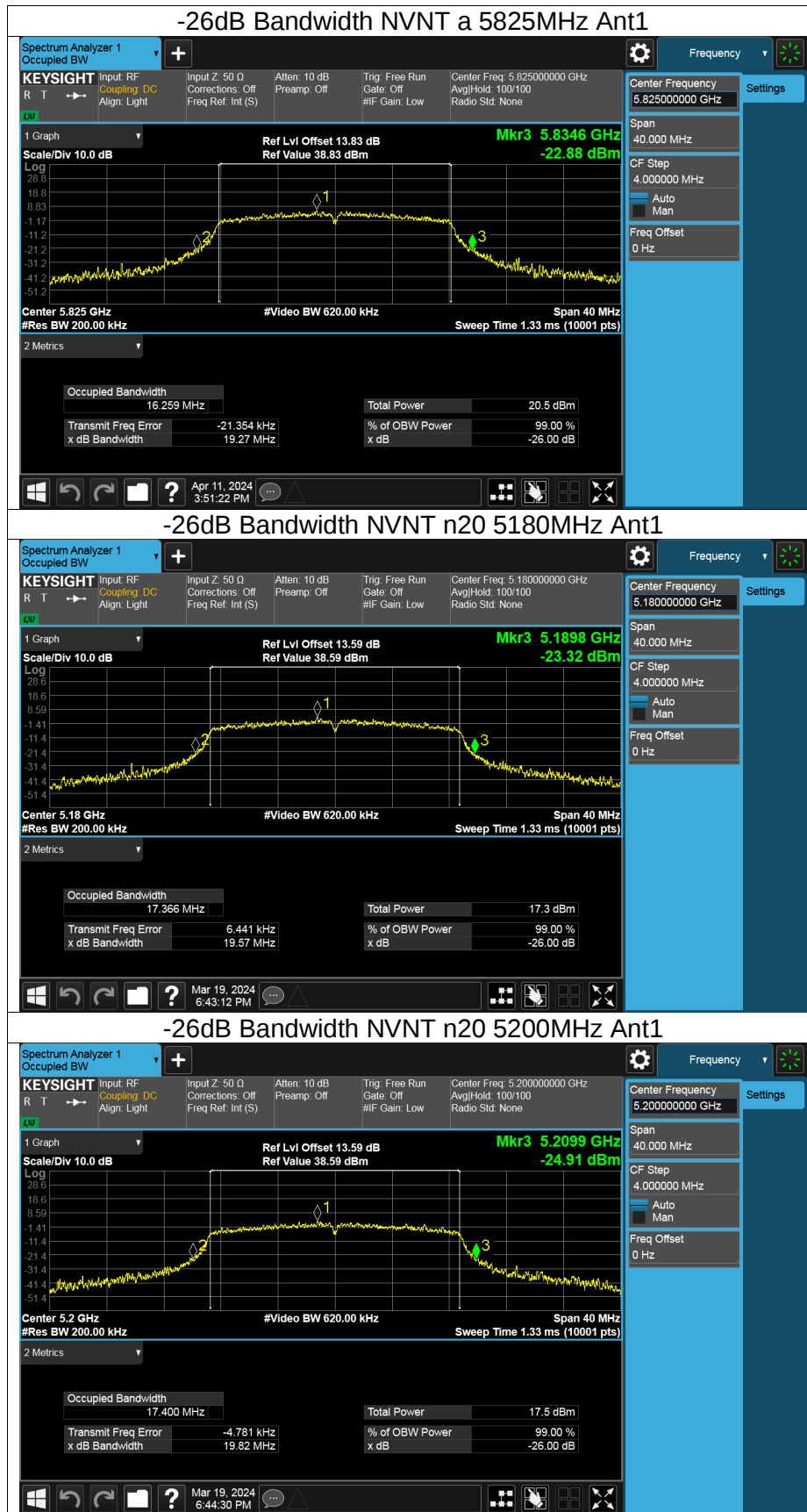
-26dB Bandwidth NVNT a 5240MHz Ant1

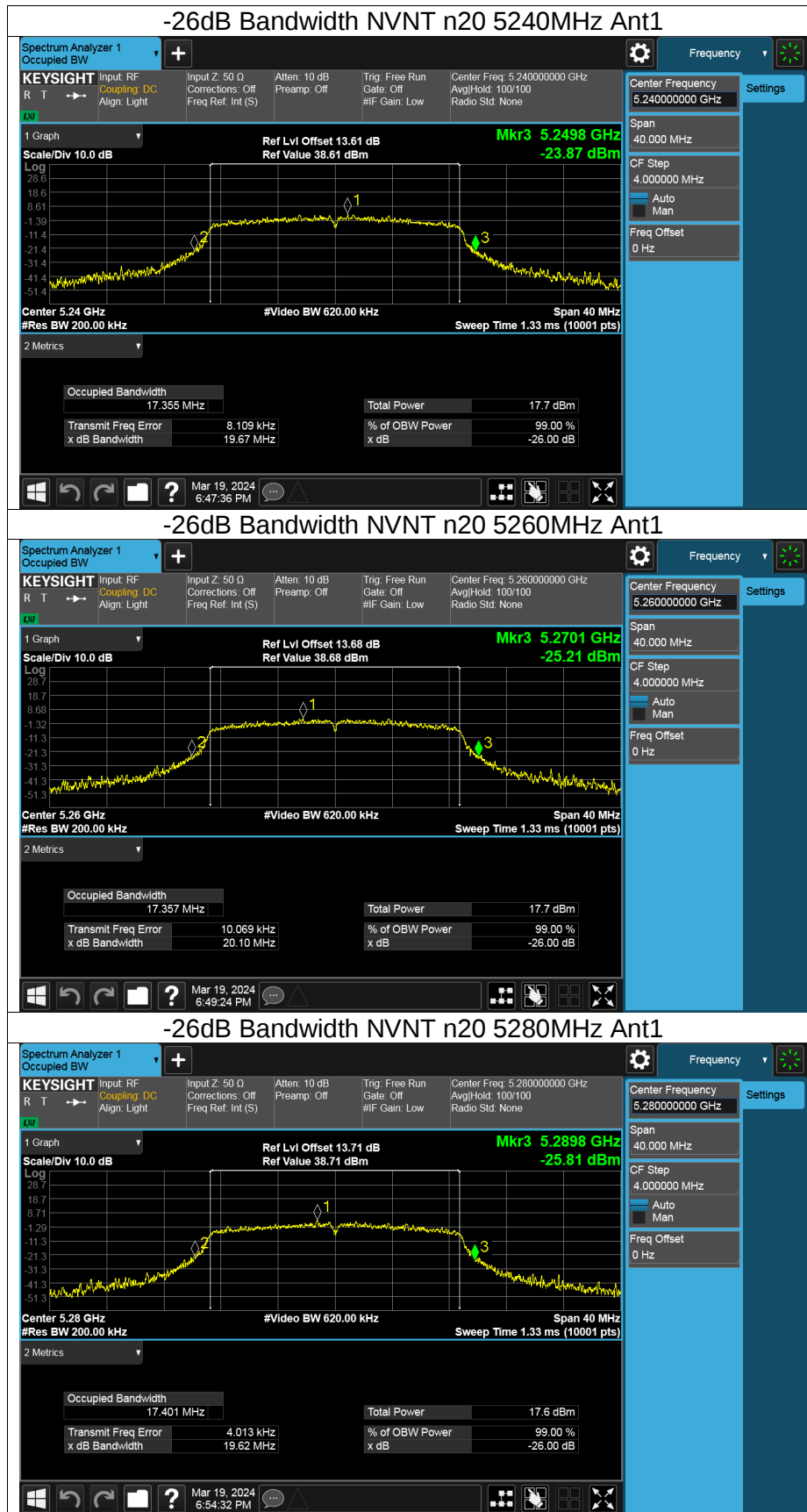


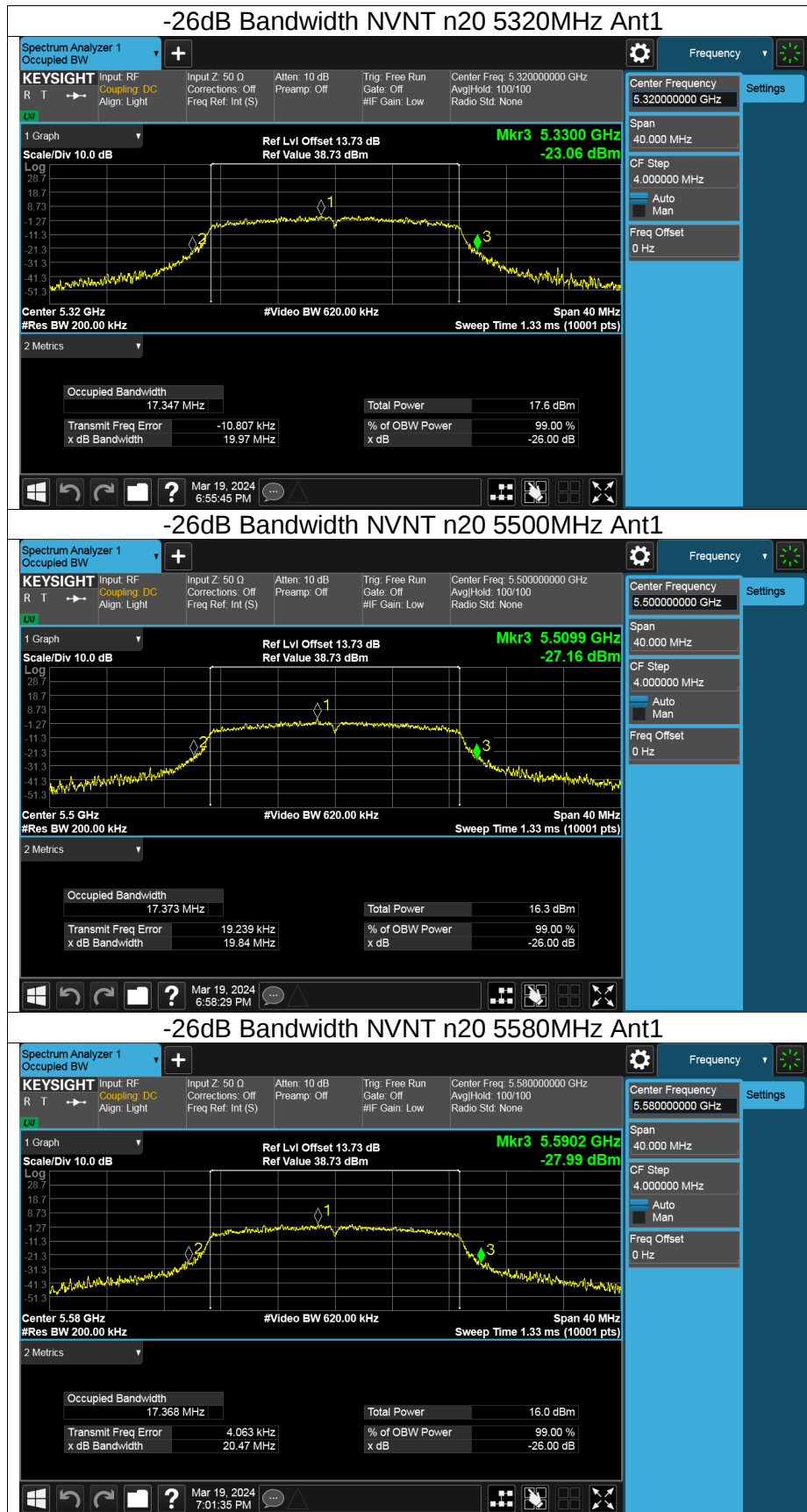


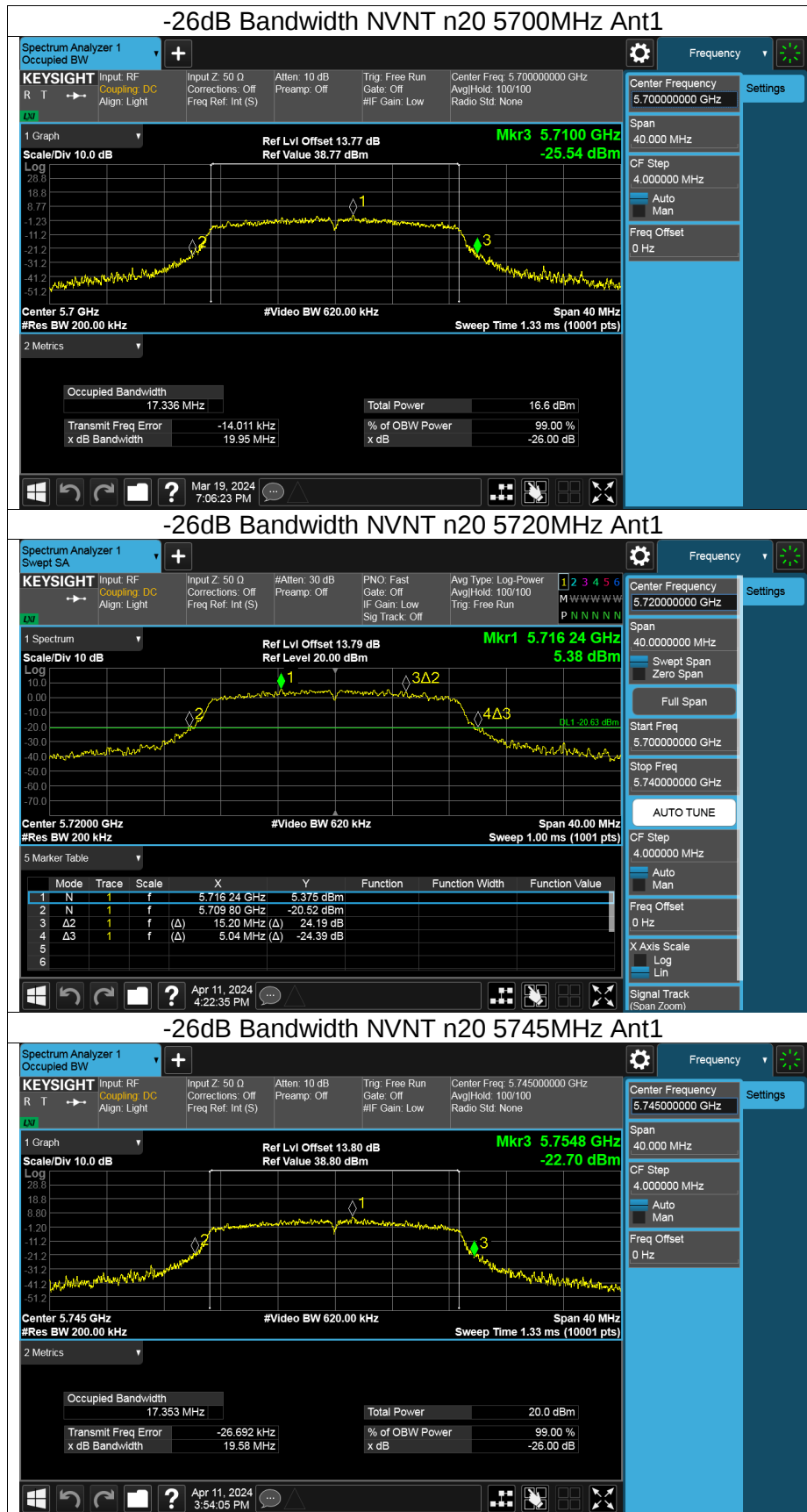


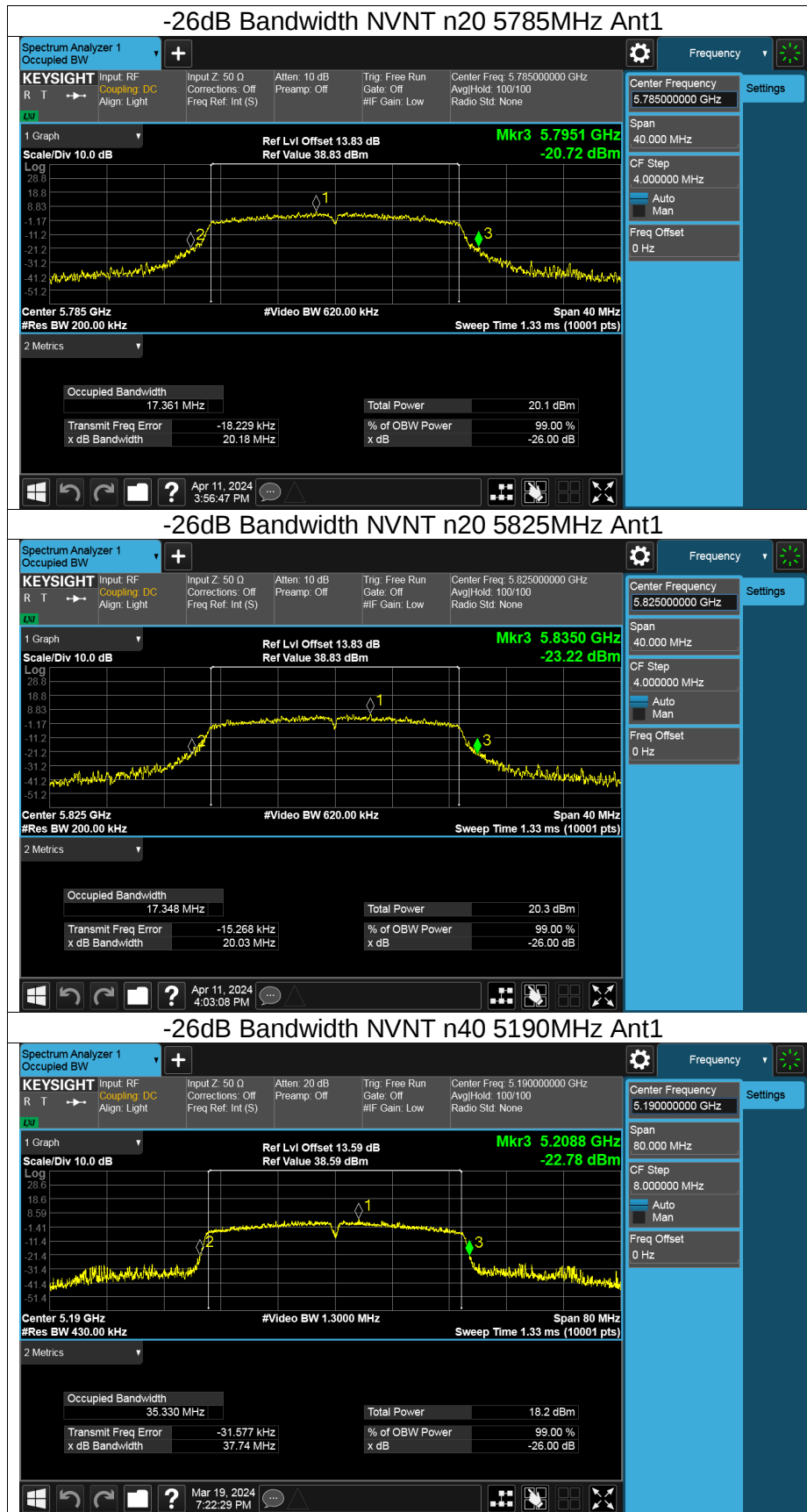


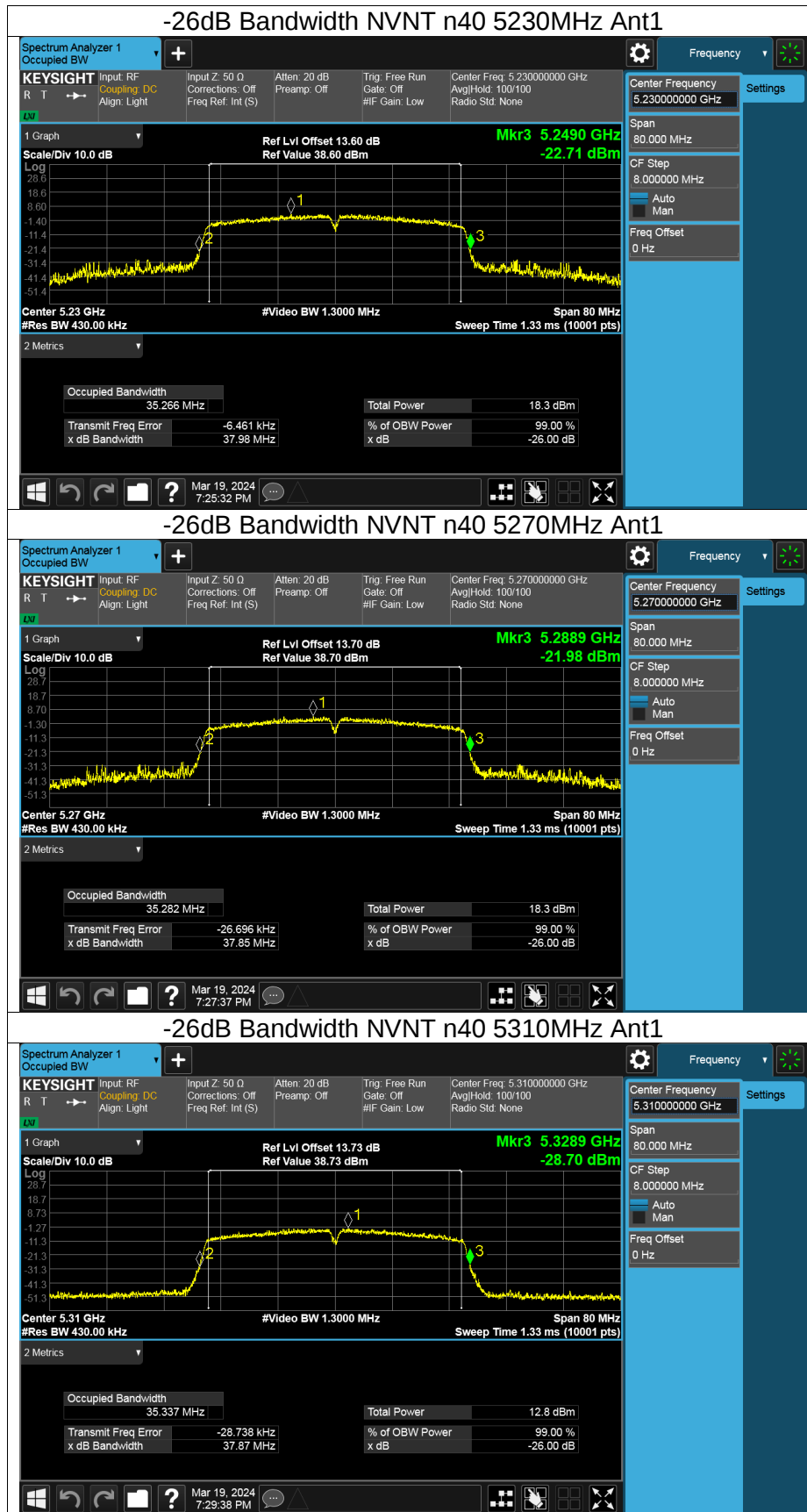


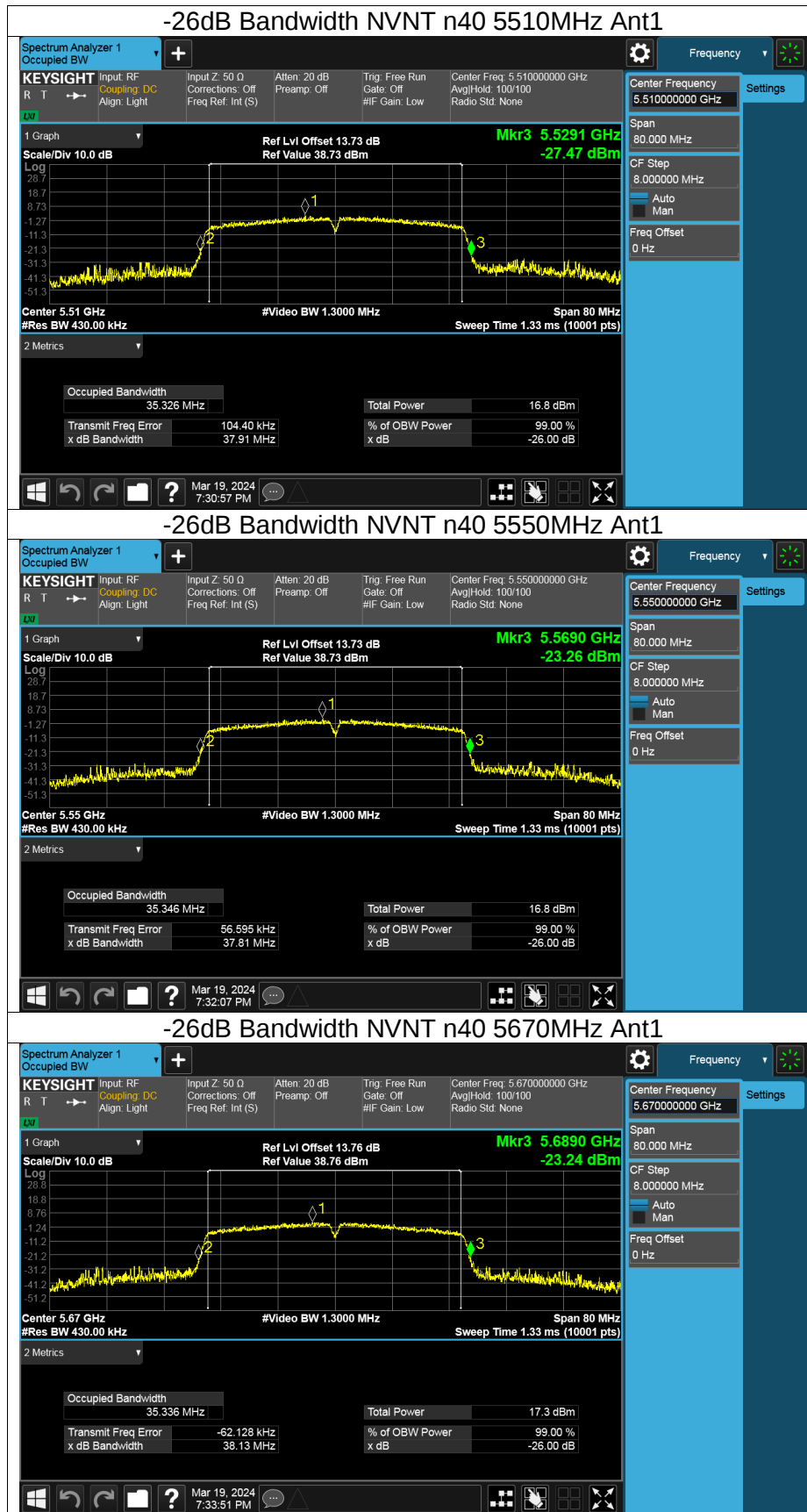


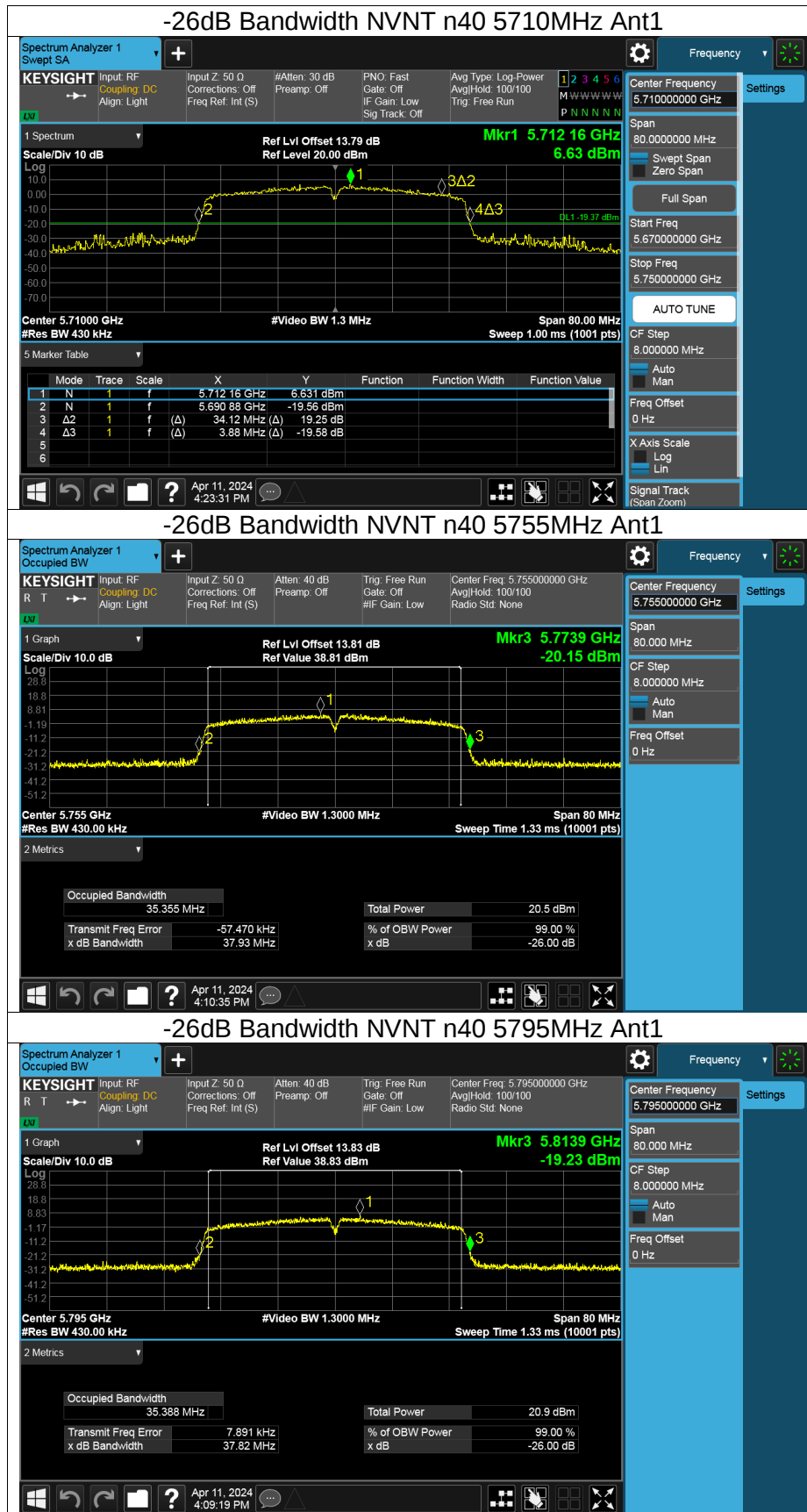












Appendix D: Occupied Channel Bandwidth

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5180	Ant1	16.272
a	5200	Ant1	16.275
a	5240	Ant1	16.278
a	5260	Ant1	16.254
a	5280	Ant1	16.224
a	5320	Ant1	16.271
a	5500	Ant1	16.276
a	5580	Ant1	16.26
a	5700	Ant1	16.239
a	5720 Low	Ant1	13.1395
a	5720 High	Ant1	3.1395
a	5745	Ant1	16.29
a	5785	Ant1	16.243
a	5825	Ant1	16.255
n20	5180	Ant1	17.423
n20	5200	Ant1	17.397
n20	5240	Ant1	17.365
n20	5260	Ant1	17.381
n20	5280	Ant1	17.39
n20	5320	Ant1	17.393
n20	5500	Ant1	17.471
n20	5580	Ant1	17.415
n20	5700	Ant1	17.406
n20	5720 Low	Ant1	13.68
n20	5720 High	Ant1	3.68
n20	5745	Ant1	17.409
n20	5785	Ant1	17.39
n20	5825	Ant1	17.441
n40	5190	Ant1	35.336
n40	5230	Ant1	35.4
n40	5270	Ant1	35.315
n40	5310	Ant1	35.374
n40	5510	Ant1	35.439
n40	5550	Ant1	35.403
n40	5670	Ant1	35.387
n40	5710 Low	Ant1	32.6735
n40	5710 High	Ant1	2.6735
n40	5755	Ant1	35.328
n40	5795	Ant1	35.511



