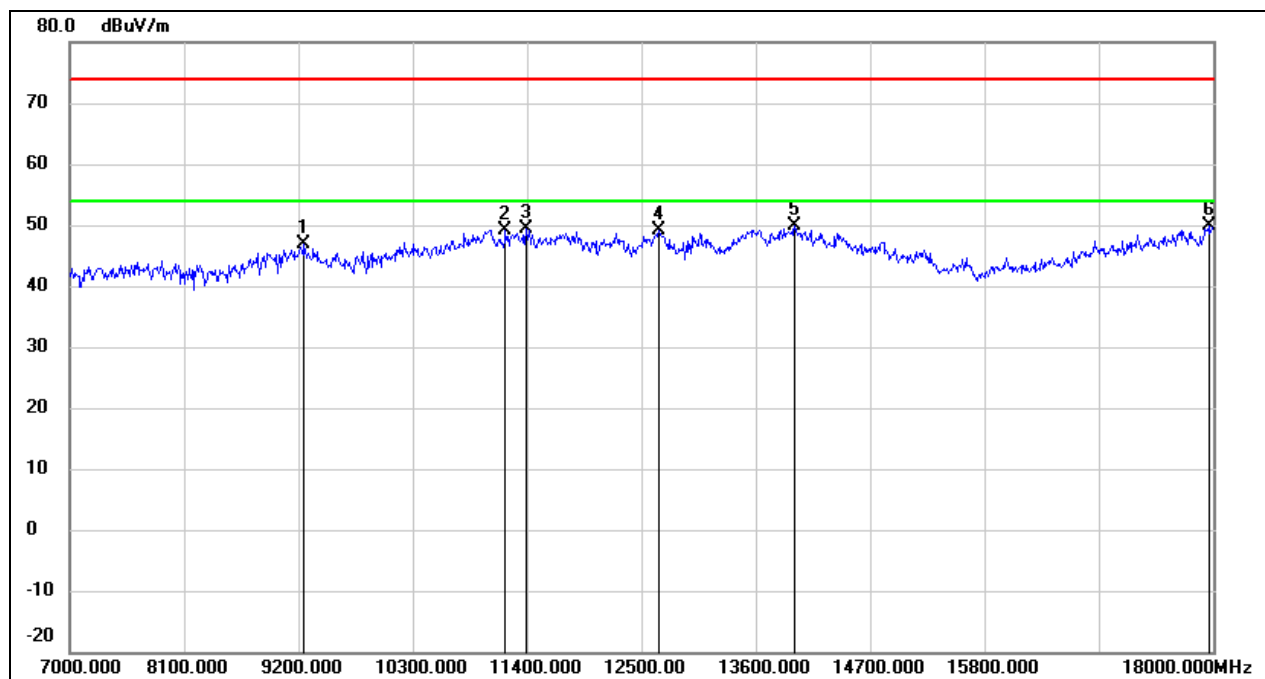
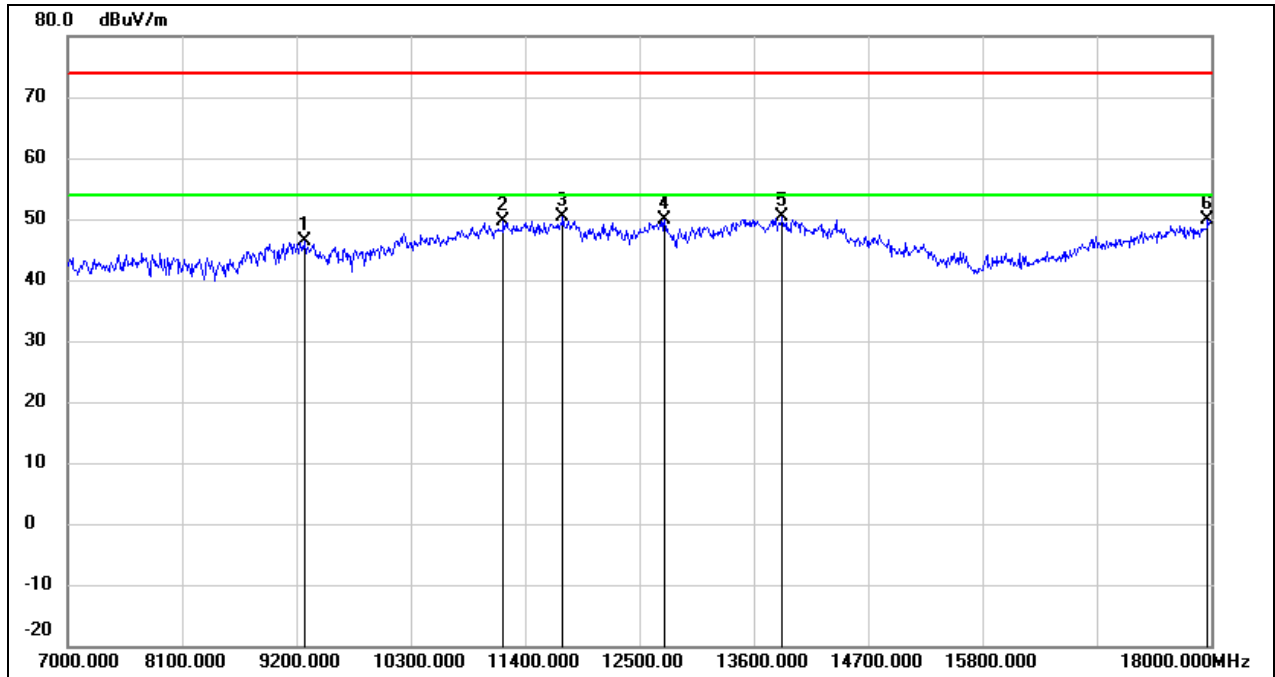


Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 3.3 V



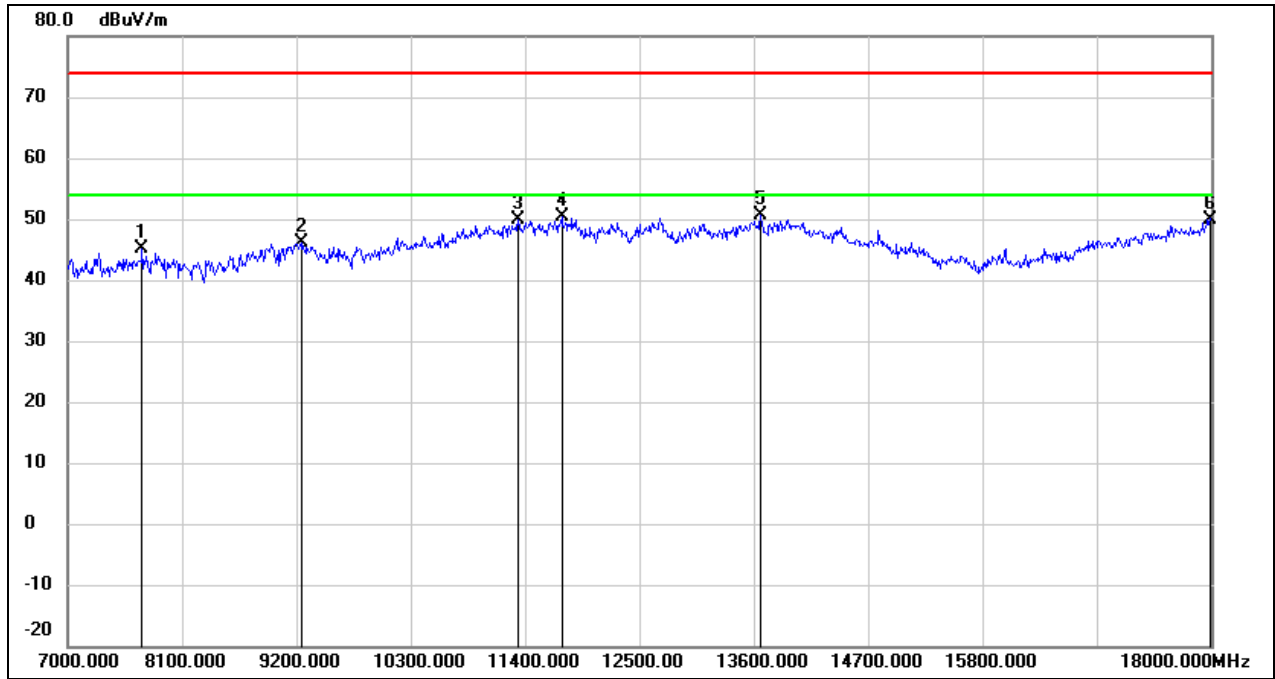
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	36.35	10.51	46.86	74.00	-27.14	peak
2	11191.000	33.67	15.50	49.17	74.00	-24.83	peak
3	11389.000	33.07	16.31	49.38	74.00	-24.62	peak
4	12665.000	31.15	18.04	49.19	74.00	-24.81	peak
5	13974.000	28.00	21.82	49.82	74.00	-24.18	peak
6	17956.000	24.09	25.82	49.91	74.00	-24.09	peak

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



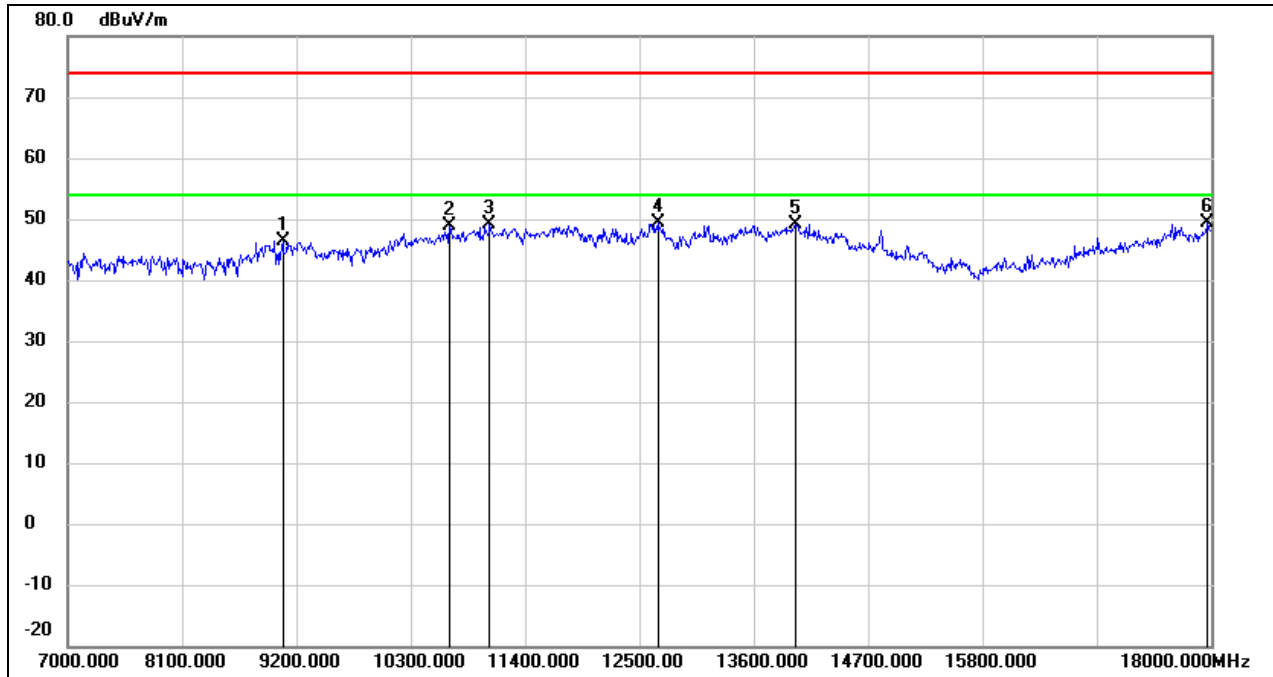
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9277.000	35.82	10.51	46.33	74.00	-27.67	peak
2	11191.000	34.09	15.50	49.59	74.00	-24.41	peak
3	11763.000	33.08	17.26	50.34	74.00	-23.66	peak
4	12742.000	31.66	18.13	49.79	74.00	-24.21	peak
5	13875.000	28.93	21.57	50.50	74.00	-23.50	peak
6	17967.000	24.05	25.89	49.94	74.00	-24.06	peak

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



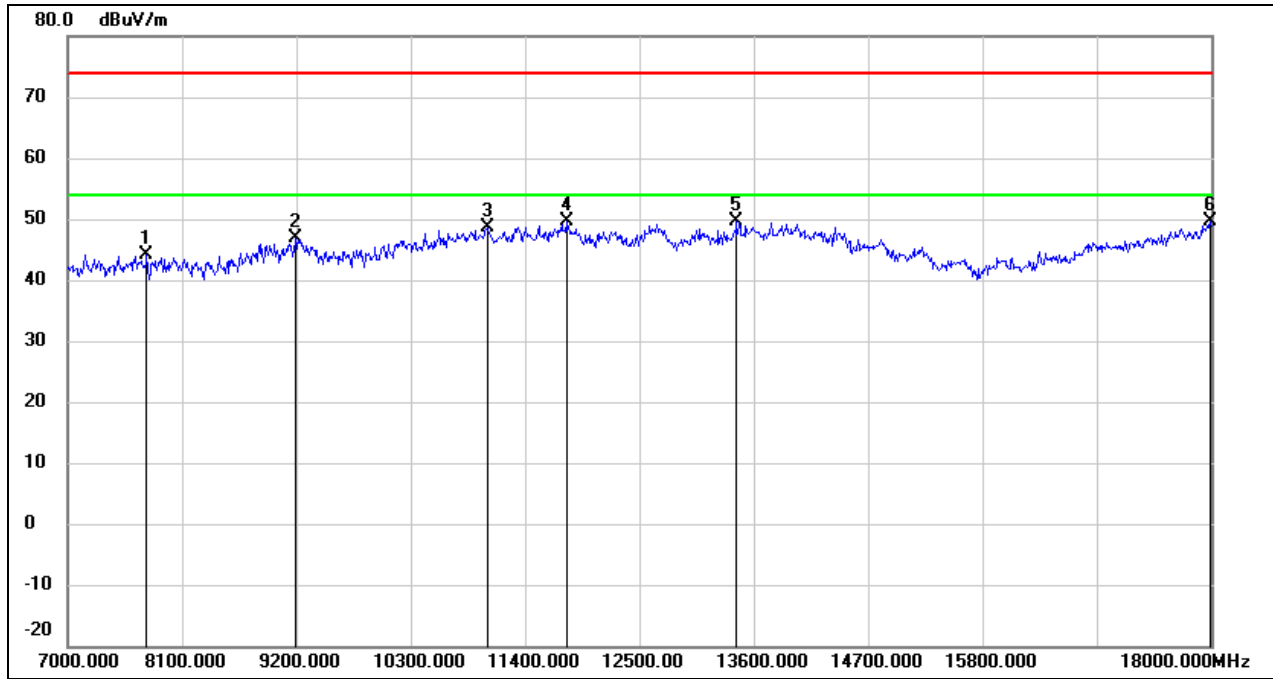
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7715.000	38.50	6.68	45.18	74.00	-28.82	peak
2	9244.000	35.68	10.49	46.17	74.00	-27.83	peak
3	11334.000	33.72	16.09	49.81	74.00	-24.19	peak
4	11752.000	33.05	17.24	50.29	74.00	-23.71	peak
5	13666.000	29.67	21.05	50.72	74.00	-23.28	peak
6	17989.000	23.96	26.04	50.00	74.00	-24.00	peak

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



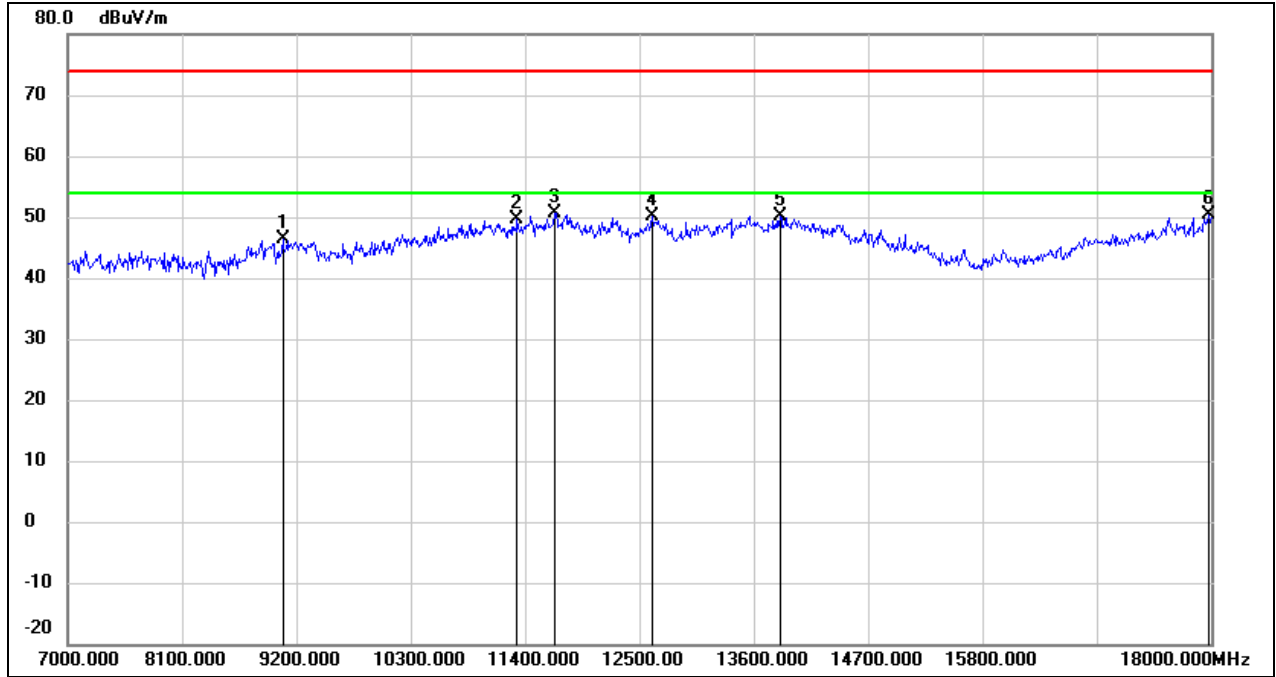
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9068.000	36.08	10.39	46.47	74.00	-27.53	peak
2	10674.000	35.28	13.48	48.76	74.00	-25.24	peak
3	11059.000	34.24	14.96	49.20	74.00	-24.80	peak
4	12676.000	31.24	18.05	49.29	74.00	-24.71	peak
5	13996.000	27.36	21.87	49.23	74.00	-24.77	peak
6	17967.000	23.46	25.89	49.35	74.00	-24.65	peak

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



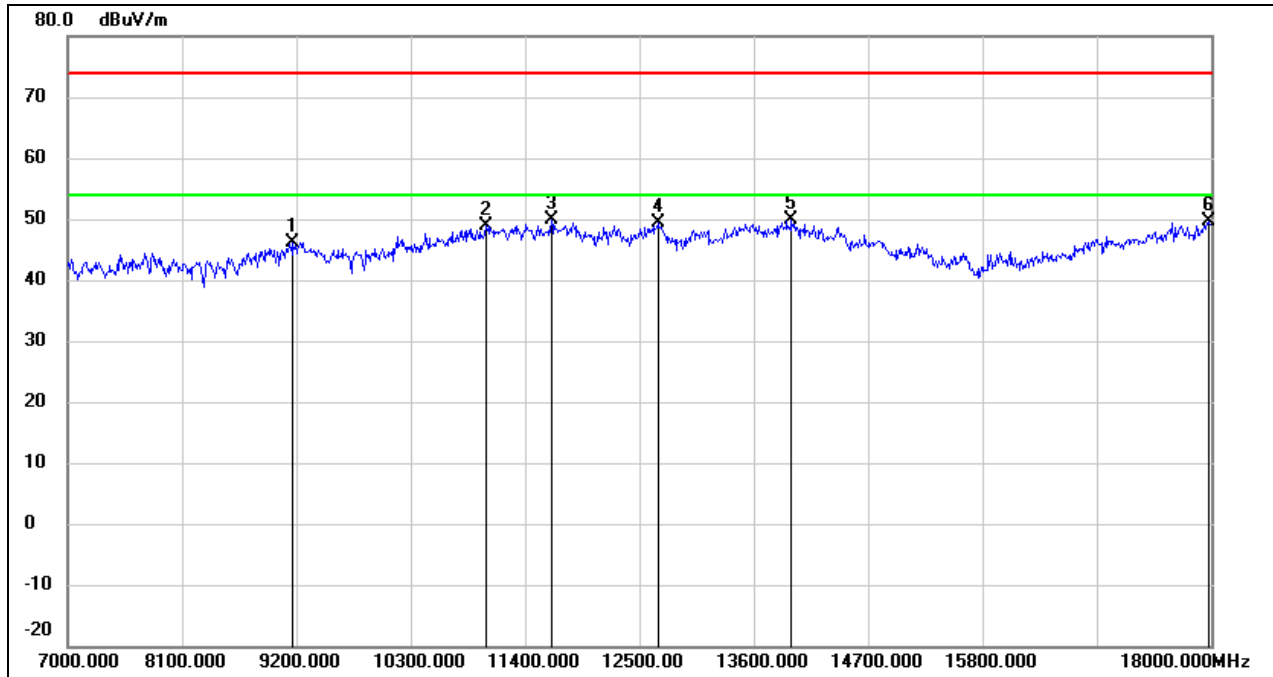
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7759.000	37.53	6.64	44.17	74.00	-29.83	peak
2	9189.000	36.43	10.46	46.89	74.00	-27.11	peak
3	11037.000	33.83	14.87	48.70	74.00	-25.30	peak
4	11796.000	32.26	17.32	49.58	74.00	-24.42	peak
5	13435.000	29.39	20.35	49.74	74.00	-24.26	peak
6	17989.000	23.71	26.04	49.75	74.00	-24.25	peak

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



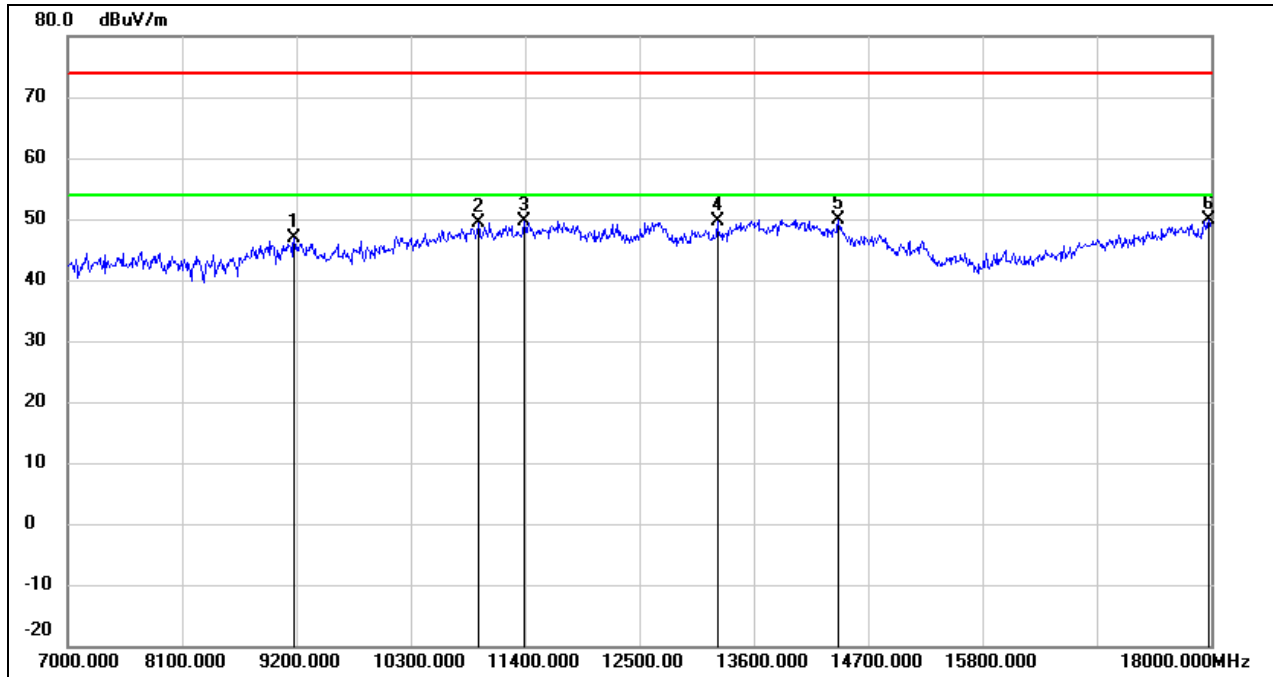
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9068.000	36.00	10.39	46.39	74.00	-27.61	peak
2	11323.000	33.55	16.05	49.60	74.00	-24.40	peak
3	11686.000	33.47	17.12	50.59	74.00	-23.41	peak
4	12621.000	32.04	17.98	50.02	74.00	-23.98	peak
5	13853.000	28.57	21.52	50.09	74.00	-23.91	peak
6	17978.000	24.39	25.97	50.36	74.00	-23.64	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	9167.000	35.76	10.45	46.21	74.00	-27.79	peak
2	11026.000	34.12	14.82	48.94	74.00	-25.06	peak
3	11653.000	32.93	17.05	49.98	74.00	-24.02	peak
4	12676.000	31.21	18.05	49.26	74.00	-24.74	peak
5	13963.000	28.14	21.78	49.92	74.00	-24.08	peak
6	17978.000	23.74	25.97	49.71	74.00	-24.29	peak

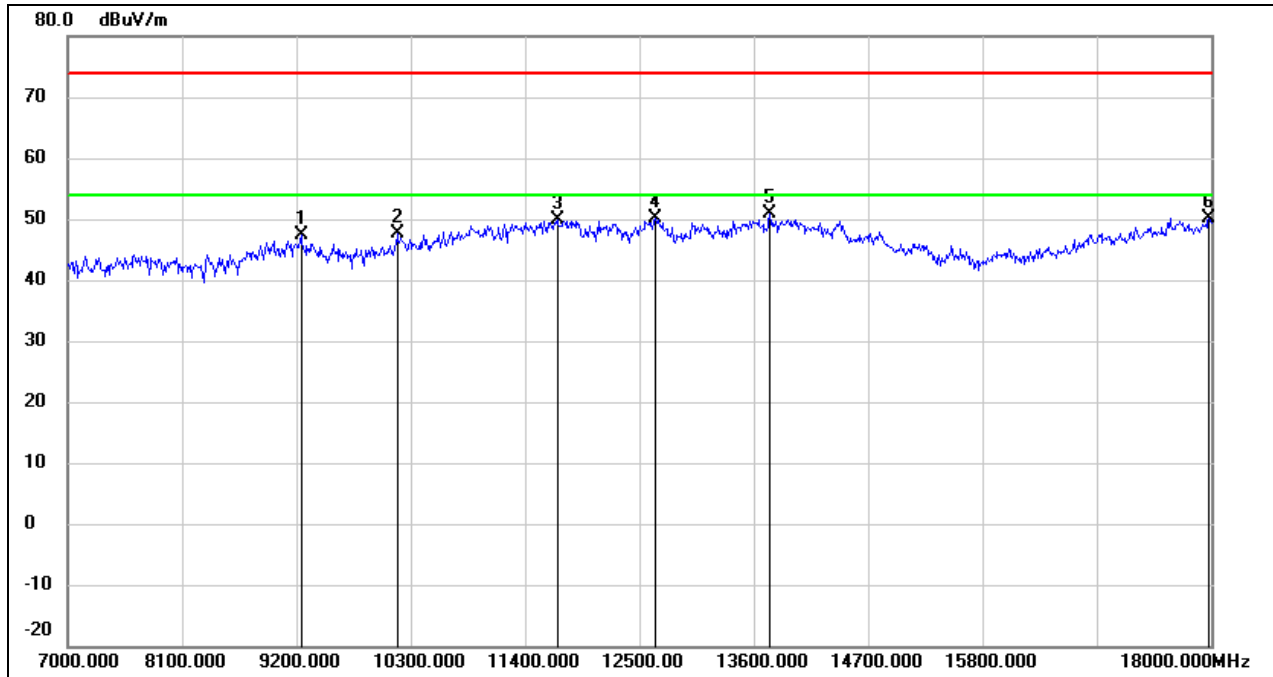
Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9178.000	36.36	10.45	46.81	74.00	-27.19	peak
2	10949.000	34.90	14.52	49.42	74.00	-24.58	peak
3	11389.000	33.27	16.31	49.58	74.00	-24.42	peak
4	13248.000	30.10	19.54	49.64	74.00	-24.36	peak
5	14414.000	29.80	20.14	49.94	74.00	-24.06	peak
6	17978.000	23.91	25.97	49.88	74.00	-24.12	peak

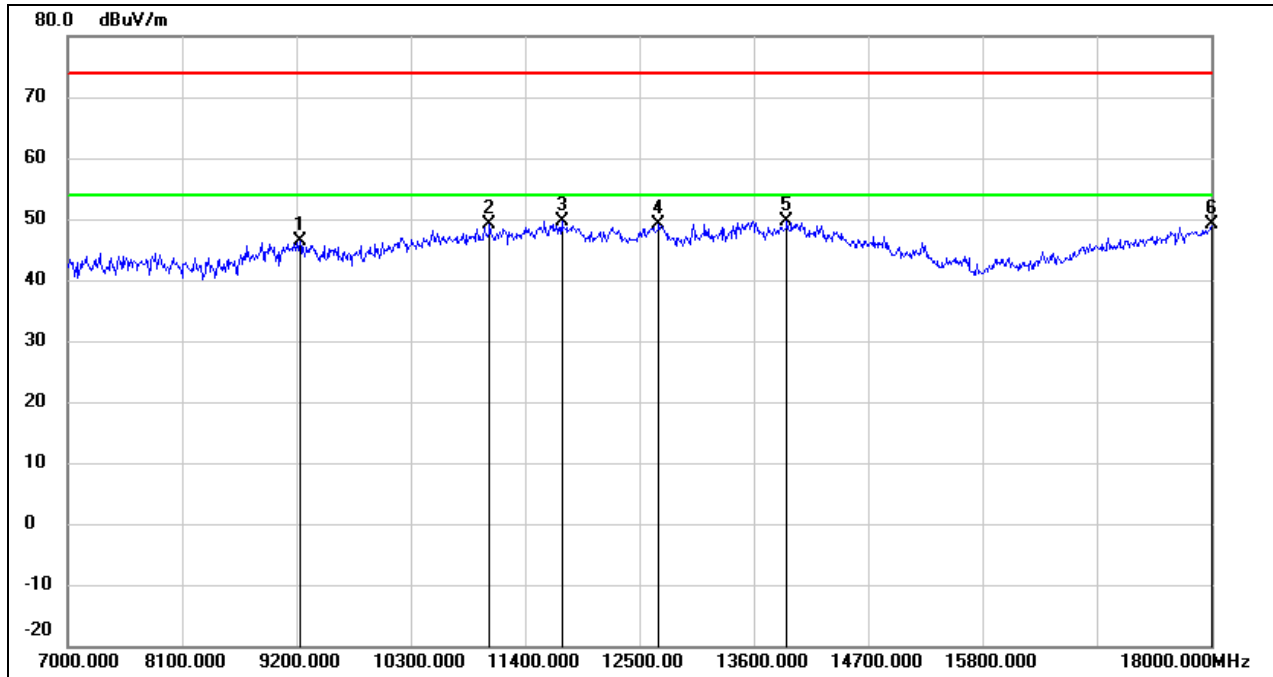


Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Vertical	Test Voltage:	DC 3.3 V



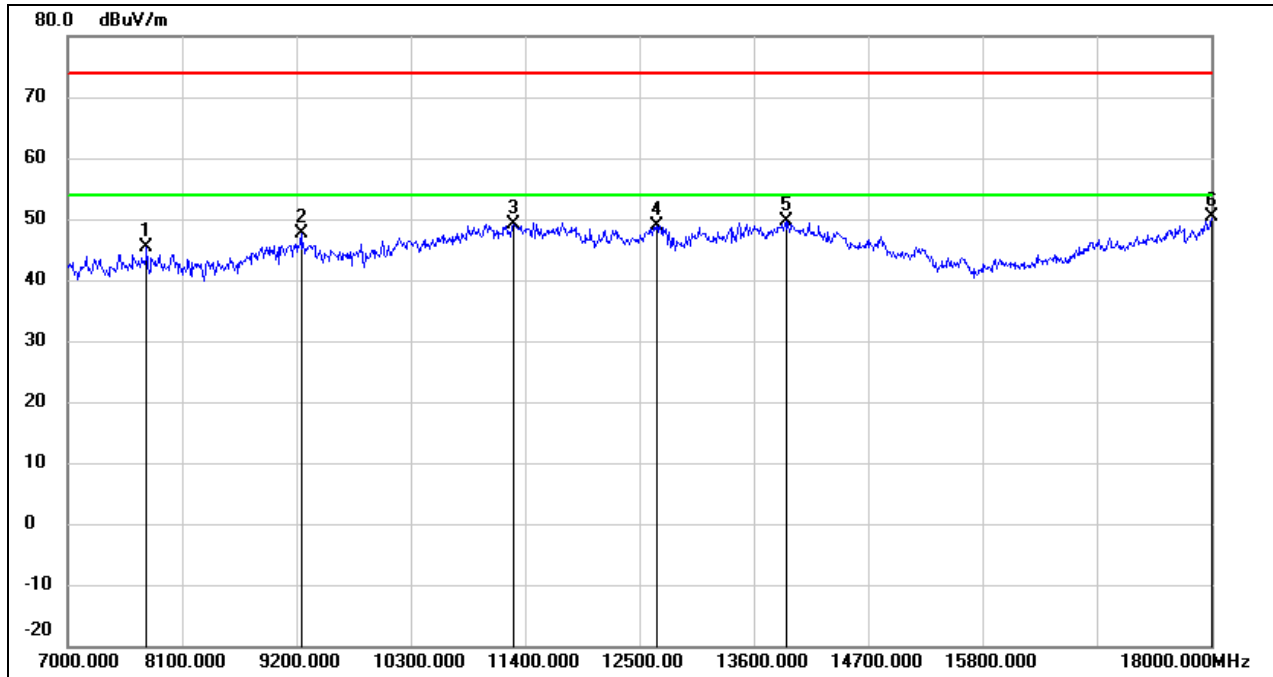
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	36.78	10.49	47.27	74.00	-26.73	peak
2	10168.000	35.60	12.13	47.73	74.00	-26.27	peak
3	11708.000	32.63	17.16	49.79	74.00	-24.21	peak
4	12654.000	32.15	18.01	50.16	74.00	-23.84	peak
5	13754.000	29.56	21.27	50.83	74.00	-23.17	peak
6	17978.000	24.05	25.97	50.02	74.00	-23.98	peak

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



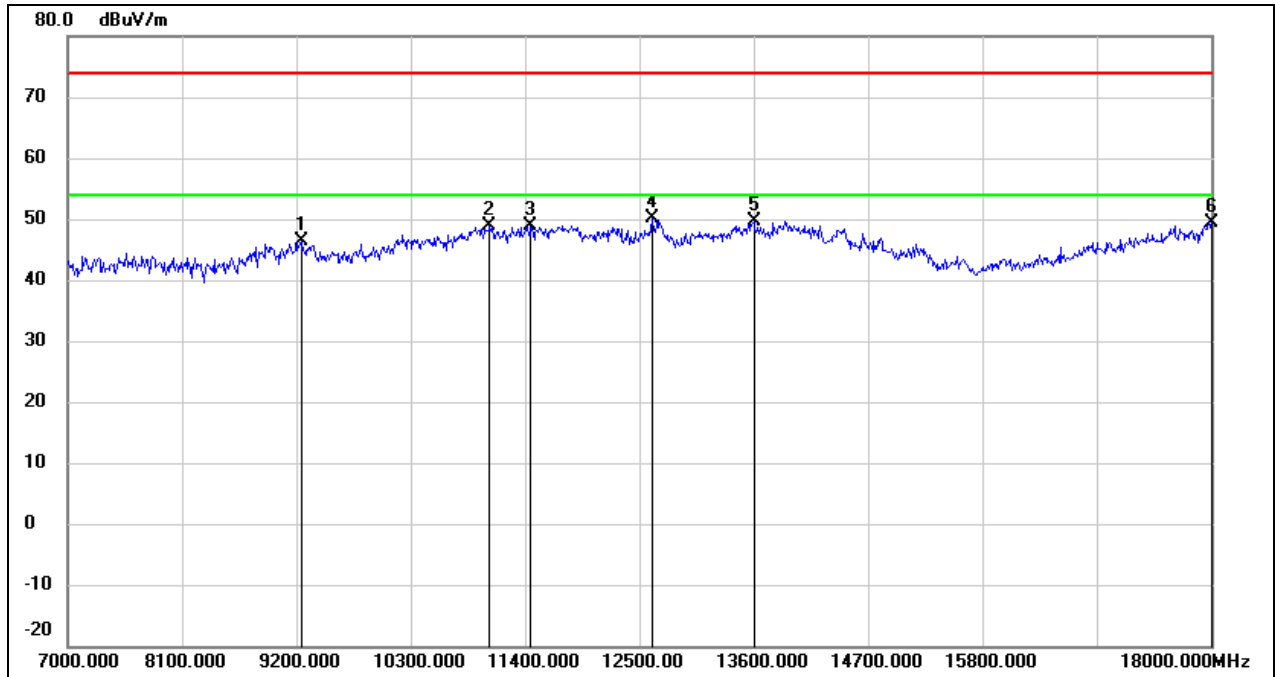
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	35.88	10.48	46.36	74.00	-27.64	peak
2	11059.000	34.06	14.96	49.02	74.00	-24.98	peak
3	11752.000	32.31	17.24	49.55	74.00	-24.45	peak
4	12687.000	30.98	18.05	49.03	74.00	-24.97	peak
5	13919.000	28.05	21.68	49.73	74.00	-24.27	peak
6	18000.000	22.96	26.12	49.08	74.00	-24.92	peak

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



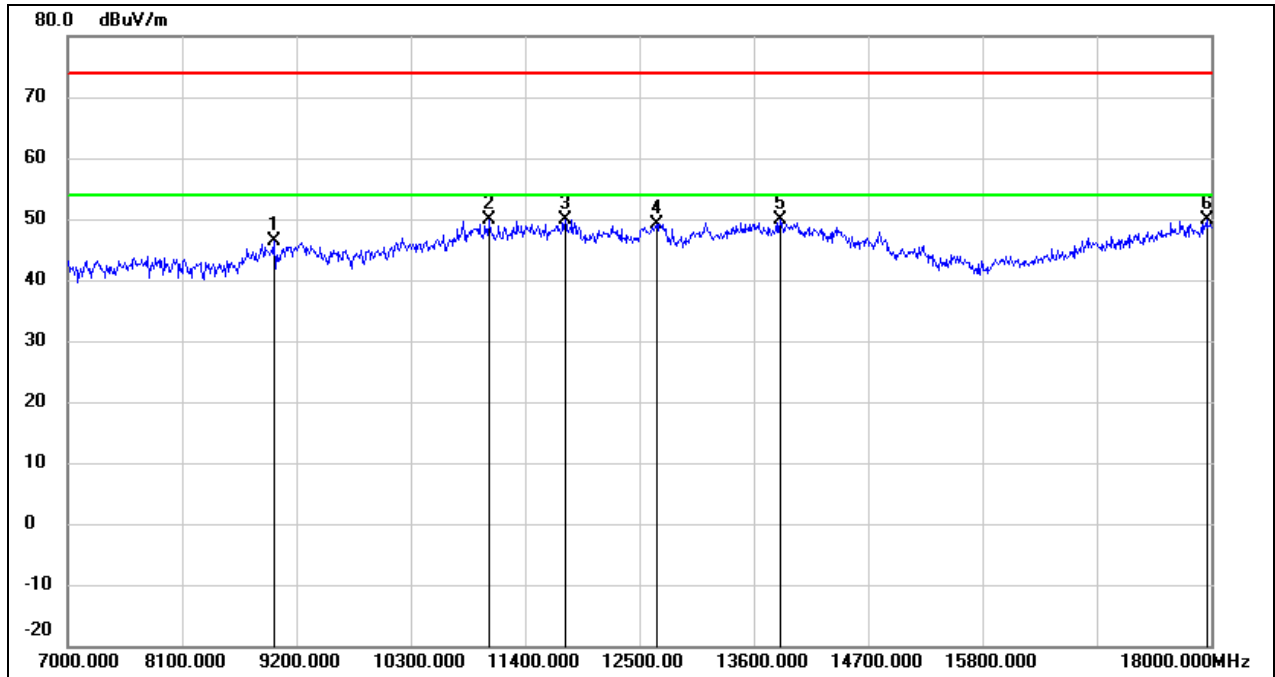
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7759.000	38.79	6.64	45.43	74.00	-28.57	peak
2	9244.000	37.15	10.49	47.64	74.00	-26.36	peak
3	11290.000	33.20	15.90	49.10	74.00	-24.90	peak
4	12665.000	30.96	18.04	49.00	74.00	-25.00	peak
5	13919.000	28.07	21.68	49.75	74.00	-24.25	peak
6	18000.000	24.36	26.12	50.48	74.00	-23.52	peak

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



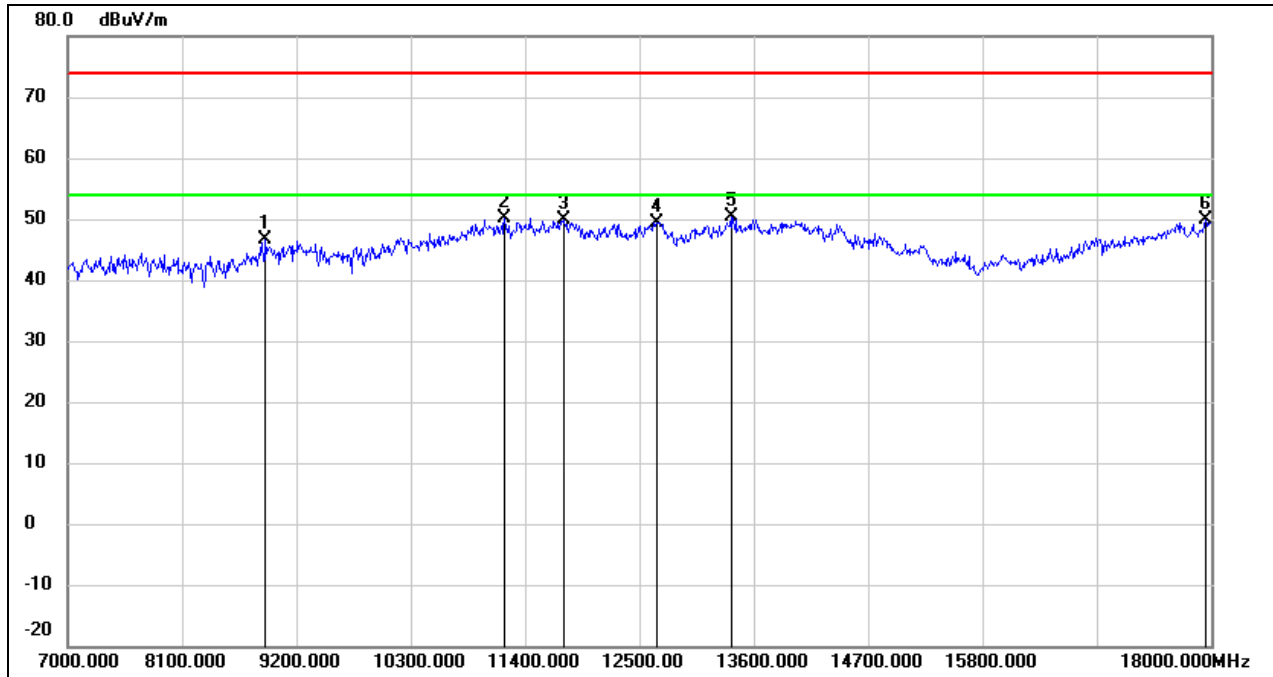
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	35.95	10.49	46.44	74.00	-27.56	peak
2	11059.000	33.95	14.96	48.91	74.00	-25.09	peak
3	11455.000	32.36	16.58	48.94	74.00	-25.06	peak
4	12621.000	32.15	17.98	50.13	74.00	-23.87	peak
5	13600.000	28.76	20.89	49.65	74.00	-24.35	peak
6	18000.000	23.38	26.12	49.50	74.00	-24.50	peak

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



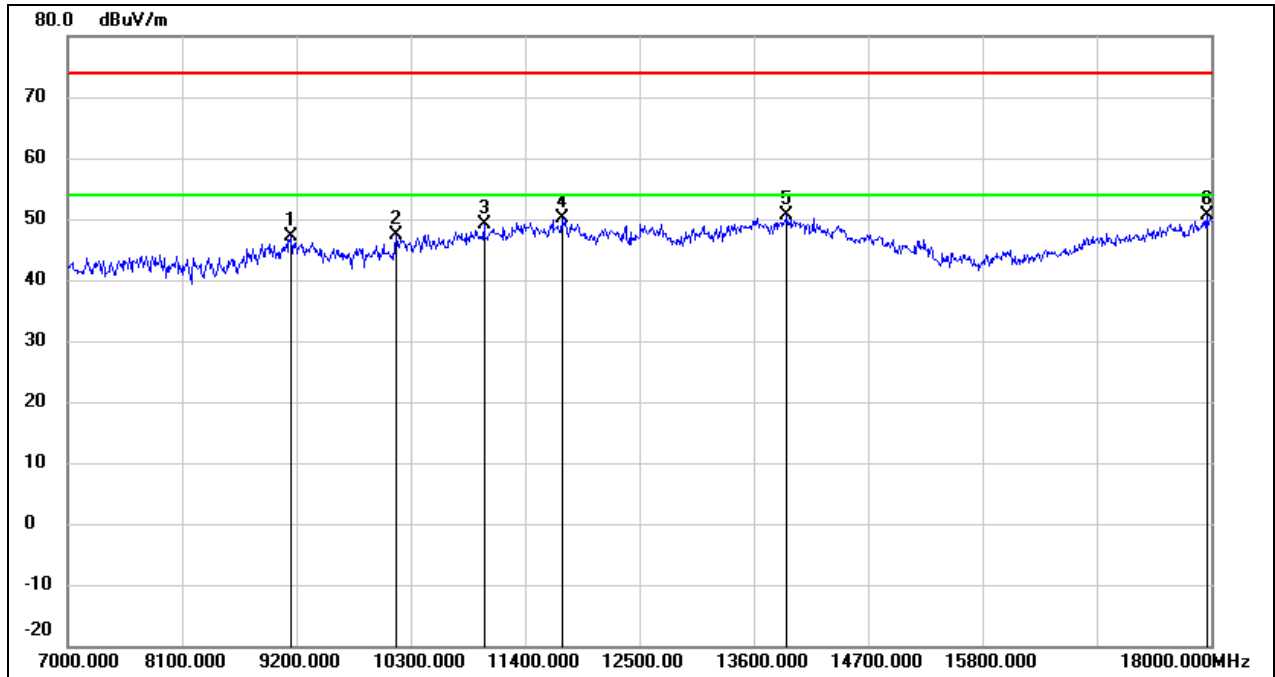
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.25	10.21	46.46	74.00	-27.54	peak
2	11059.000	34.81	14.96	49.77	74.00	-24.23	peak
3	11785.000	32.57	17.30	49.87	74.00	-24.13	peak
4	12665.000	31.14	18.04	49.18	74.00	-24.82	peak
5	13853.000	28.28	21.52	49.80	74.00	-24.20	peak
6	17956.000	23.95	25.82	49.77	74.00	-24.23	peak

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



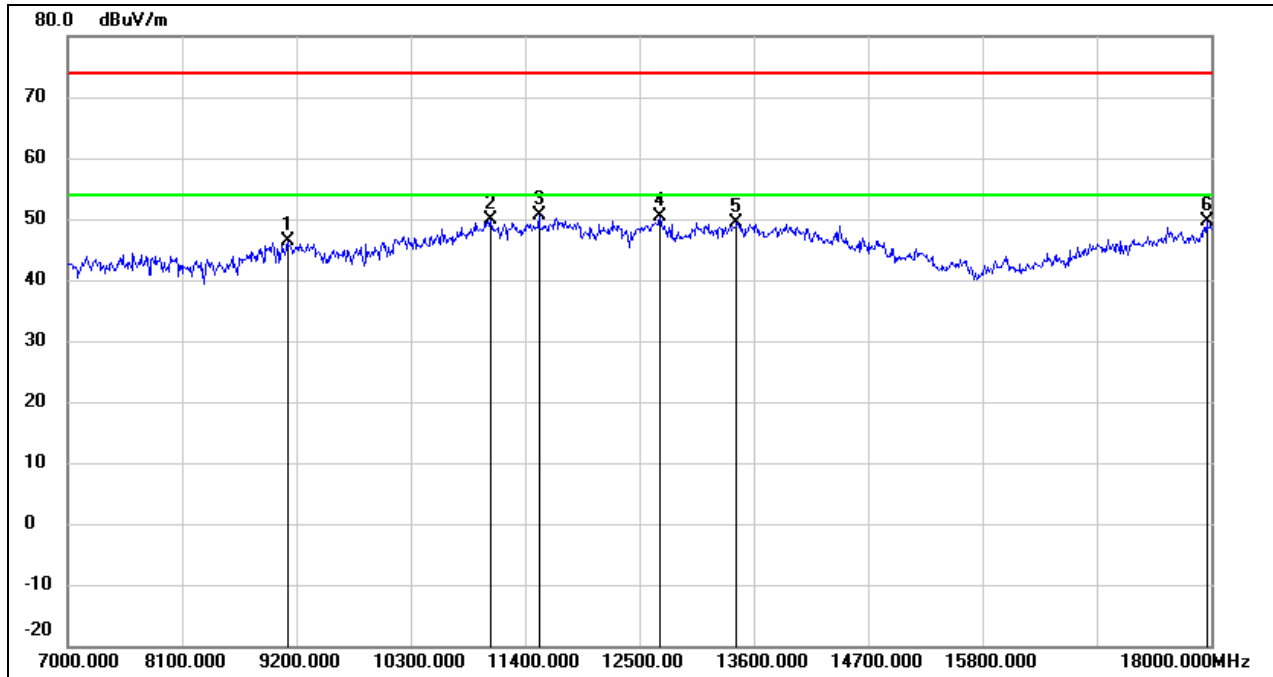
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8903.000	36.85	9.66	46.51	74.00	-27.49	peak
2	11202.000	34.63	15.55	50.18	74.00	-23.82	peak
3	11774.000	32.52	17.28	49.80	74.00	-24.20	peak
4	12665.000	31.44	18.04	49.48	74.00	-24.52	peak
5	13380.000	30.26	20.12	50.38	74.00	-23.62	peak
6	17945.000	24.06	25.75	49.81	74.00	-24.19	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	9145.000	36.81	10.43	47.24	74.00	-26.76	peak
2	10157.000	35.36	12.10	47.46	74.00	-26.54	peak
3	11004.000	34.36	14.74	49.10	74.00	-24.90	peak
4	11752.000	32.79	17.24	50.03	74.00	-23.97	peak
5	13919.000	28.84	21.68	50.52	74.00	-23.48	peak
6	17956.000	24.69	25.82	50.51	74.00	-23.49	peak

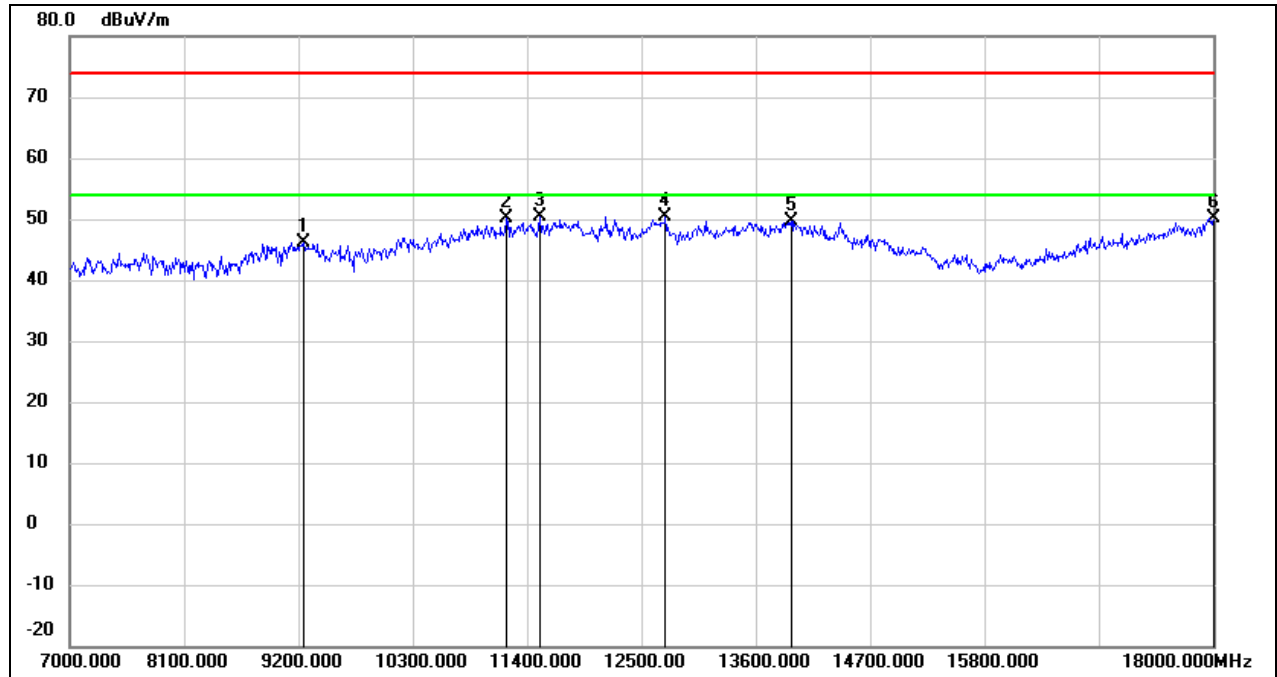
Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9112.000	35.89	10.41	46.30	74.00	-27.70	peak
2	11070.000	34.83	15.01	49.84	74.00	-24.16	peak
3	11532.000	33.77	16.83	50.60	74.00	-23.40	peak
4	12698.000	32.25	18.08	50.33	74.00	-23.67	peak
5	13435.000	29.03	20.35	49.38	74.00	-24.62	peak
6	17956.000	23.81	25.82	49.63	74.00	-24.37	peak

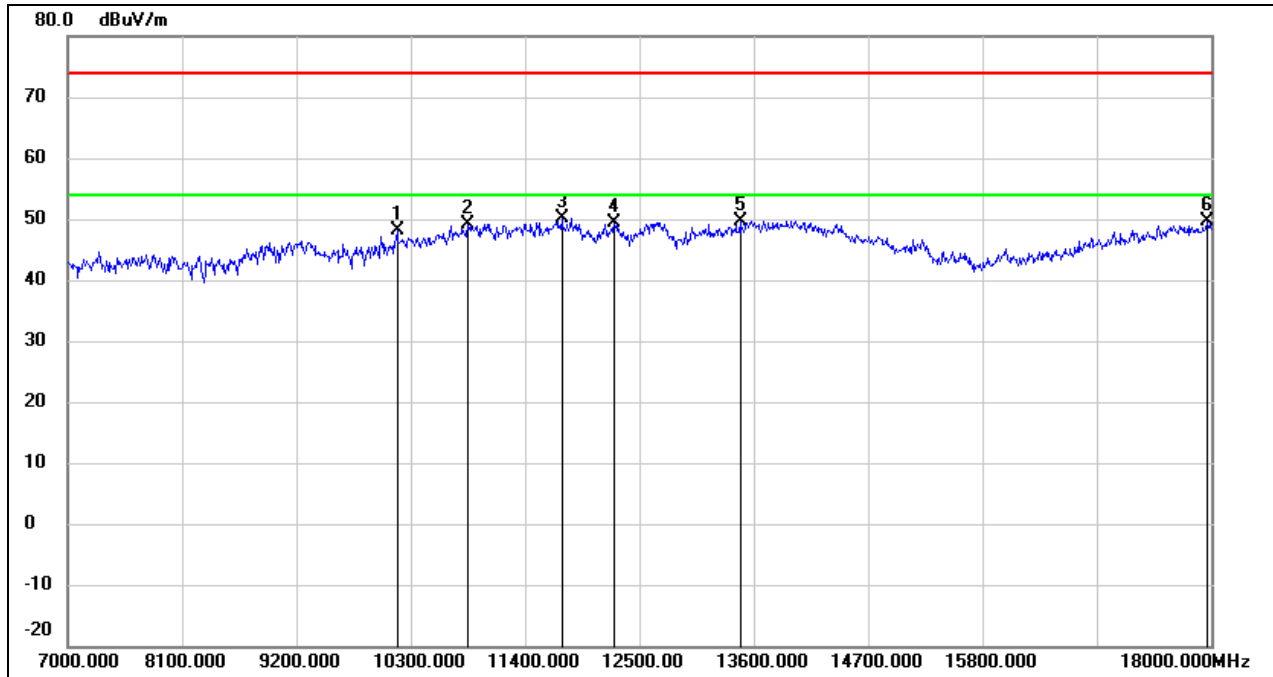


Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 3.3 V



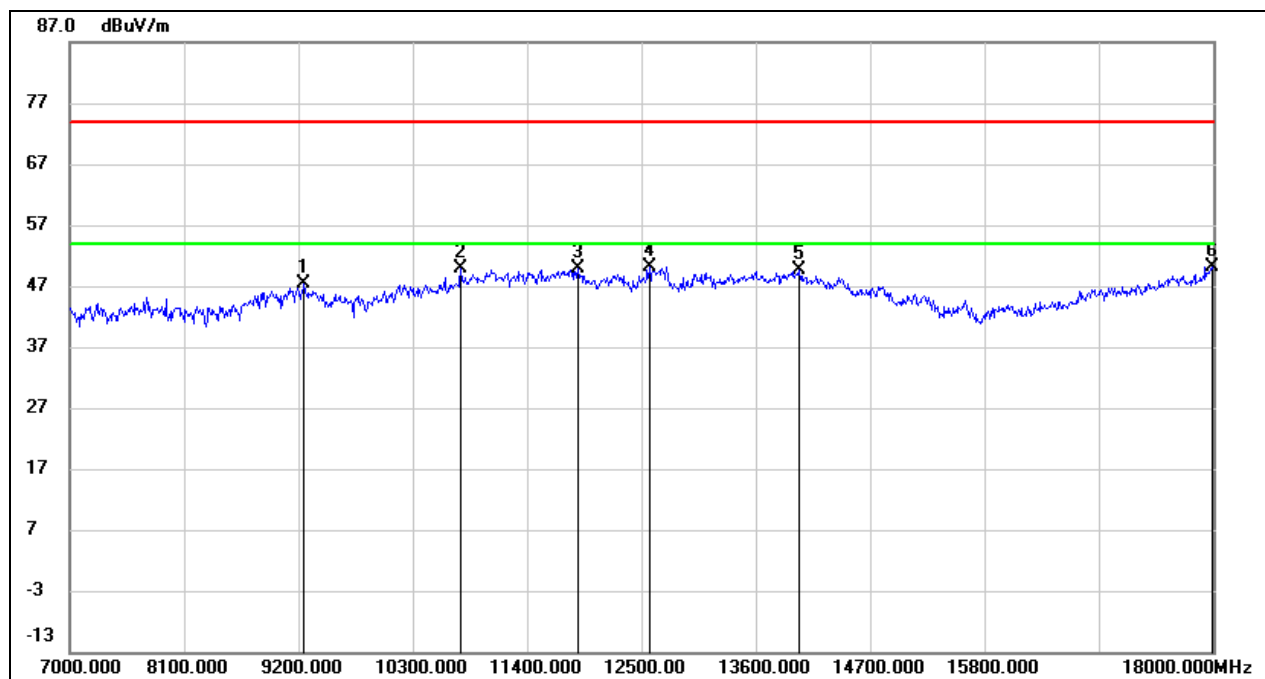
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	35.75	10.49	46.24	74.00	-27.76	peak
2	11202.000	34.67	15.55	50.22	74.00	-23.78	peak
3	11521.000	33.65	16.82	50.47	74.00	-23.53	peak
4	12731.000	32.16	18.12	50.28	74.00	-23.72	peak
5	13941.000	28.02	21.73	49.75	74.00	-24.25	peak
6	18000.000	24.08	26.12	50.20	74.00	-23.80	peak

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



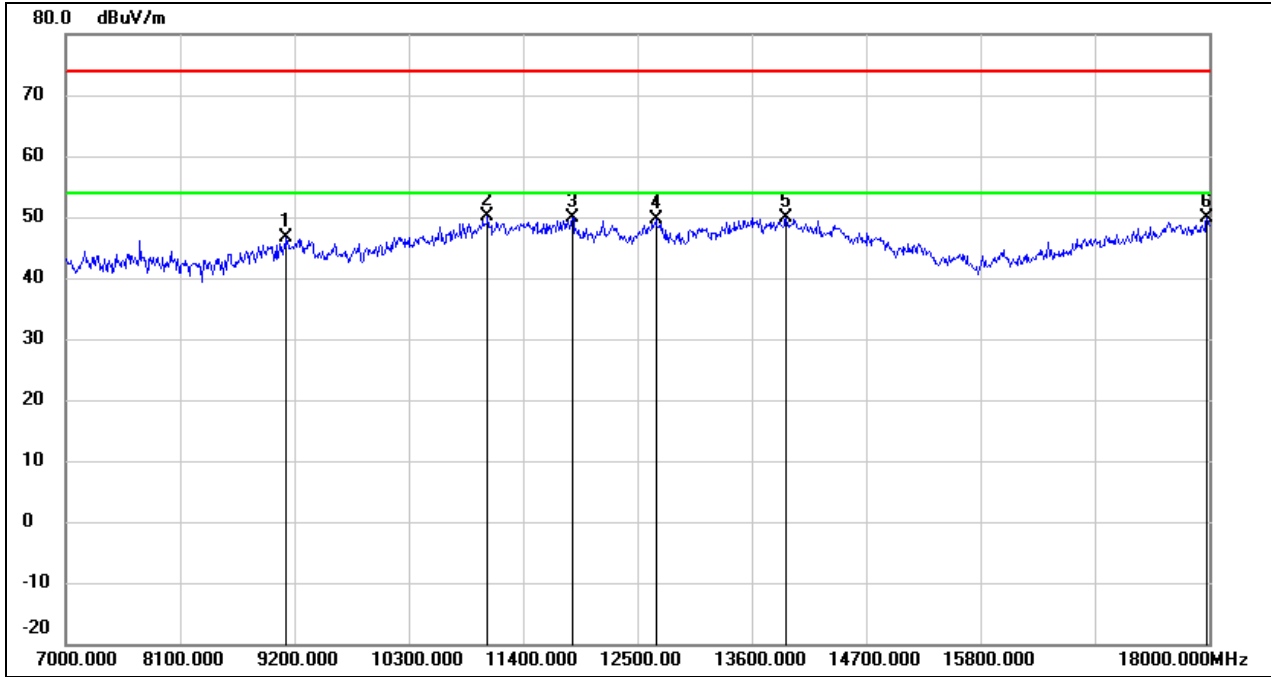
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10168.000	35.97	12.13	48.10	74.00	-25.90	peak
2	10850.000	34.87	14.15	49.02	74.00	-24.98	peak
3	11752.000	32.87	17.24	50.11	74.00	-23.89	peak
4	12258.000	31.69	17.77	49.46	74.00	-24.54	peak
5	13468.000	29.22	20.50	49.72	74.00	-24.28	peak
6	17956.000	23.93	25.82	49.75	74.00	-24.25	peak

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



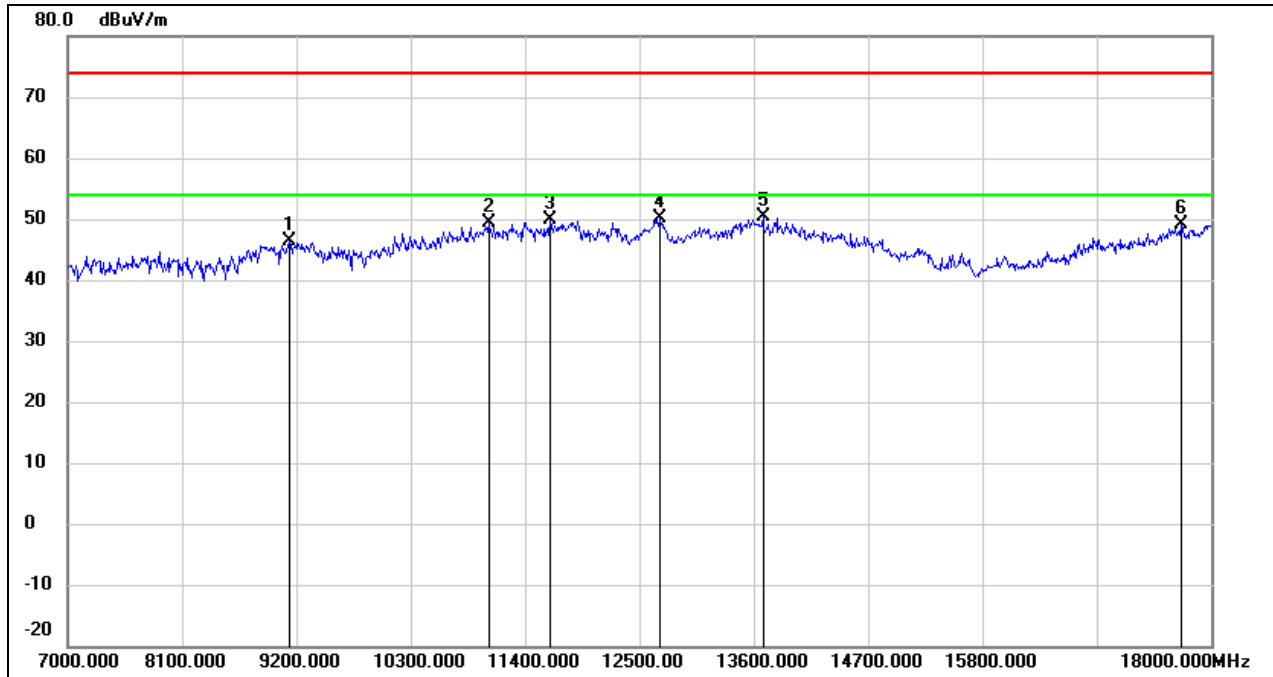
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	36.78	10.51	47.29	74.00	-26.71	peak
2	10762.000	36.04	13.82	49.86	74.00	-24.14	peak
3	11884.000	32.39	17.48	49.87	74.00	-24.13	peak
4	12577.000	32.27	17.93	50.20	74.00	-23.80	peak
5	14018.000	27.76	21.80	49.56	74.00	-24.44	peak
6	17989.000	24.13	26.04	50.17	74.00	-23.83	peak

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



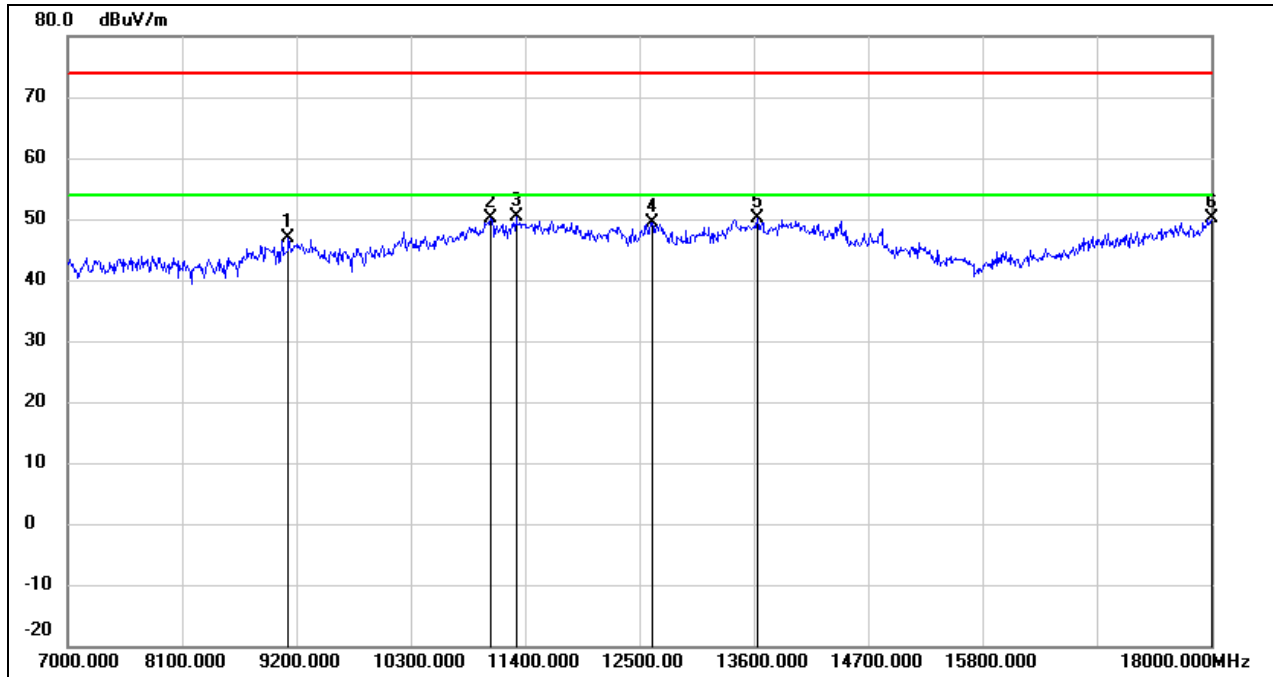
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9123.000	36.21	10.42	46.63	74.00	-27.37	peak
2	11059.000	35.06	14.96	50.02	74.00	-23.98	peak
3	11873.000	32.41	17.46	49.87	74.00	-24.13	peak
4	12676.000	31.67	18.05	49.72	74.00	-24.28	peak
5	13930.000	28.18	21.71	49.89	74.00	-24.11	peak
6	17978.000	23.92	25.97	49.89	74.00	-24.11	peak

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



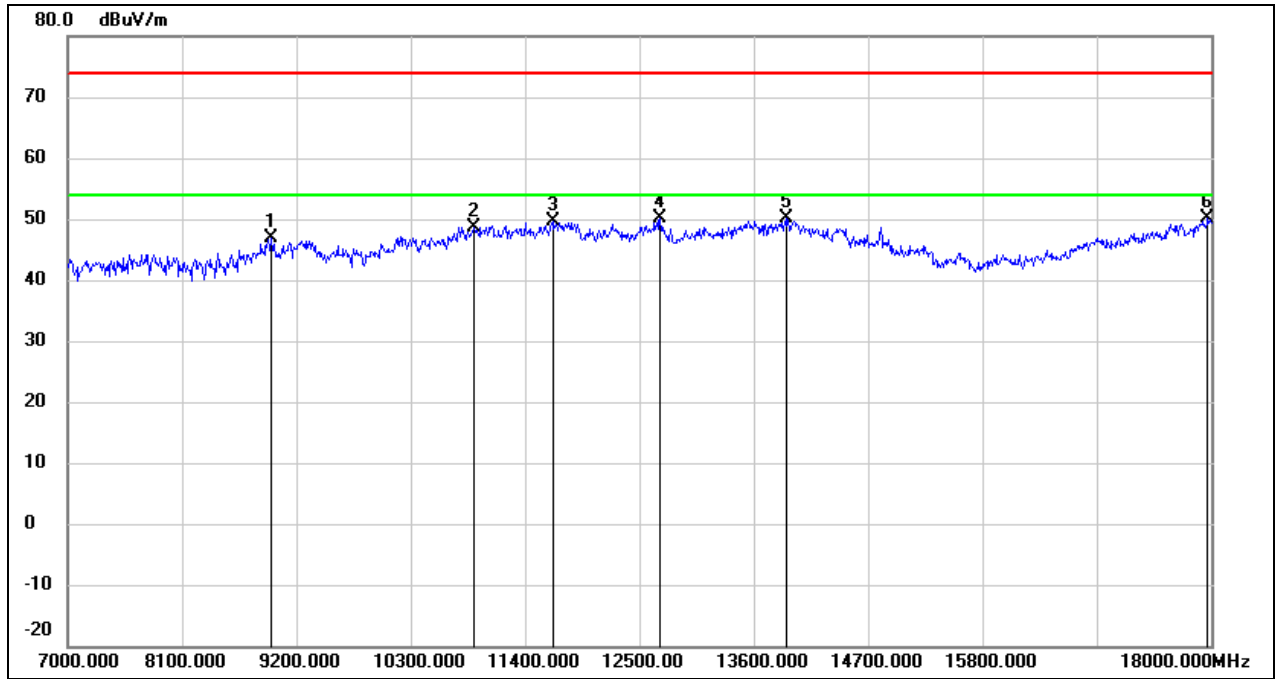
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.01	10.41	46.42	74.00	-27.58	peak
2	11048.000	34.42	14.91	49.33	74.00	-24.67	peak
3	11642.000	32.76	17.03	49.79	74.00	-24.21	peak
4	12698.000	32.00	18.08	50.08	74.00	-23.92	peak
5	13688.000	29.20	21.10	50.30	74.00	-23.70	peak
6	17714.000	25.08	24.16	49.24	74.00	-24.76	peak

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



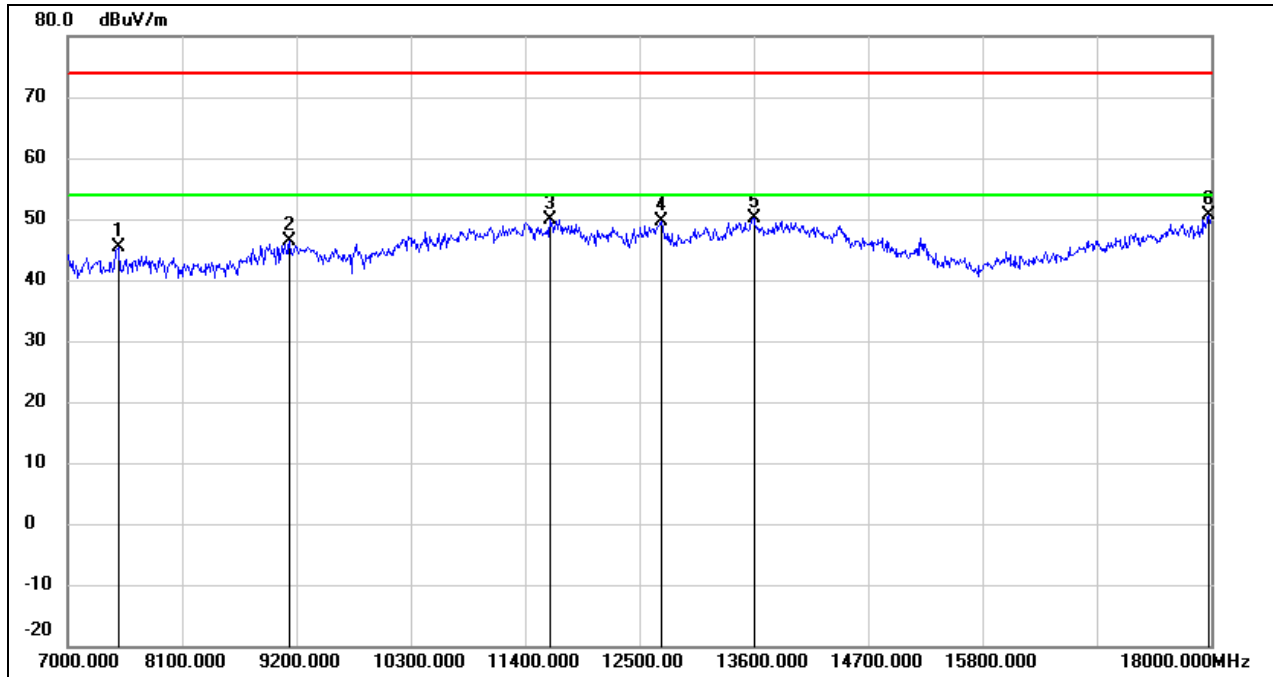
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9123.000	36.56	10.42	46.98	74.00	-27.02	peak
2	11070.000	35.02	15.01	50.03	74.00	-23.97	peak
3	11312.000	34.36	16.00	50.36	74.00	-23.64	peak
4	12621.000	31.45	17.98	49.43	74.00	-24.57	peak
5	13633.000	29.15	20.97	50.12	74.00	-23.88	peak
6	18000.000	24.08	26.12	50.20	74.00	-23.80	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5290
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	36.93	10.05	46.98	74.00	-27.02	peak
2	10905.000	34.27	14.36	48.63	74.00	-25.37	peak
3	11664.000	32.55	17.08	49.63	74.00	-24.37	peak
4	12698.000	32.00	18.08	50.08	74.00	-23.92	peak
5	13919.000	28.34	21.68	50.02	74.00	-23.98	peak
6	17967.000	24.18	25.89	50.07	74.00	-23.93	peak

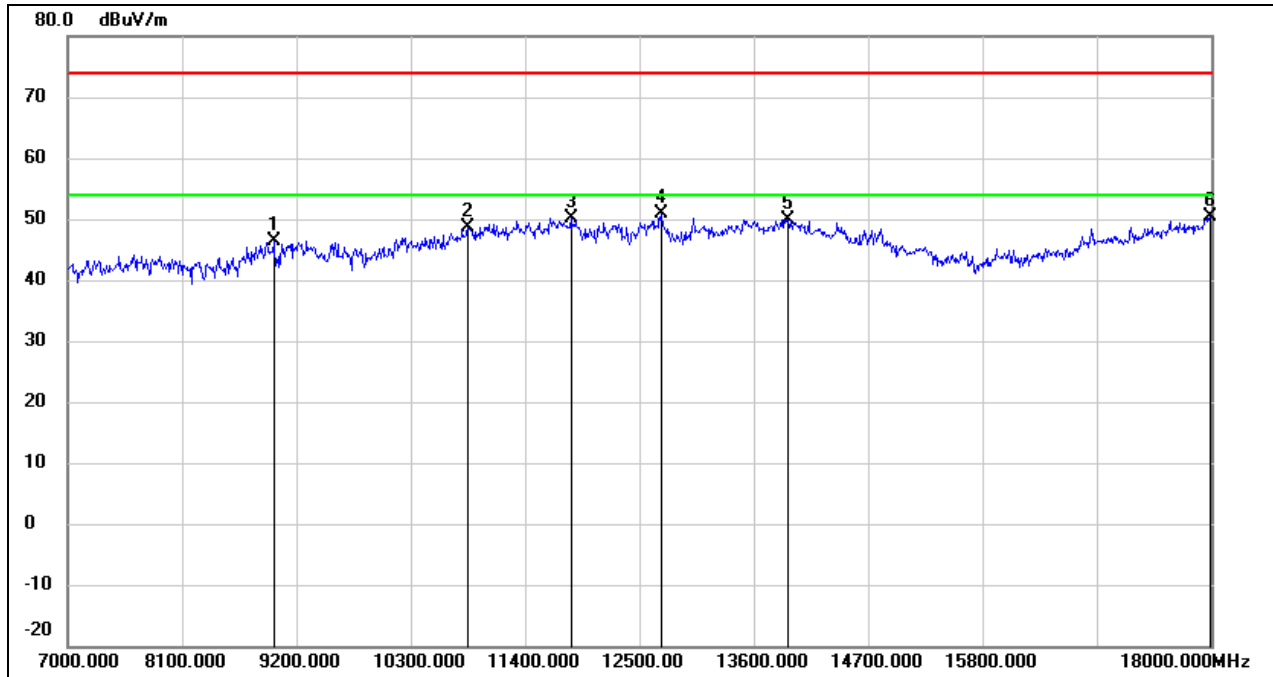
Test Mode:	802.11ac VHT80	Frequency(MHz):	5530
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7484.000	38.46	6.87	45.33	74.00	-28.67	peak
2	9134.000	35.90	10.41	46.31	74.00	-27.69	peak
3	11642.000	32.84	17.03	49.87	74.00	-24.13	peak
4	12709.000	31.58	18.09	49.67	74.00	-24.33	peak
5	13600.000	29.25	20.89	50.14	74.00	-23.86	peak
6	17978.000	24.76	25.97	50.73	74.00	-23.27	peak

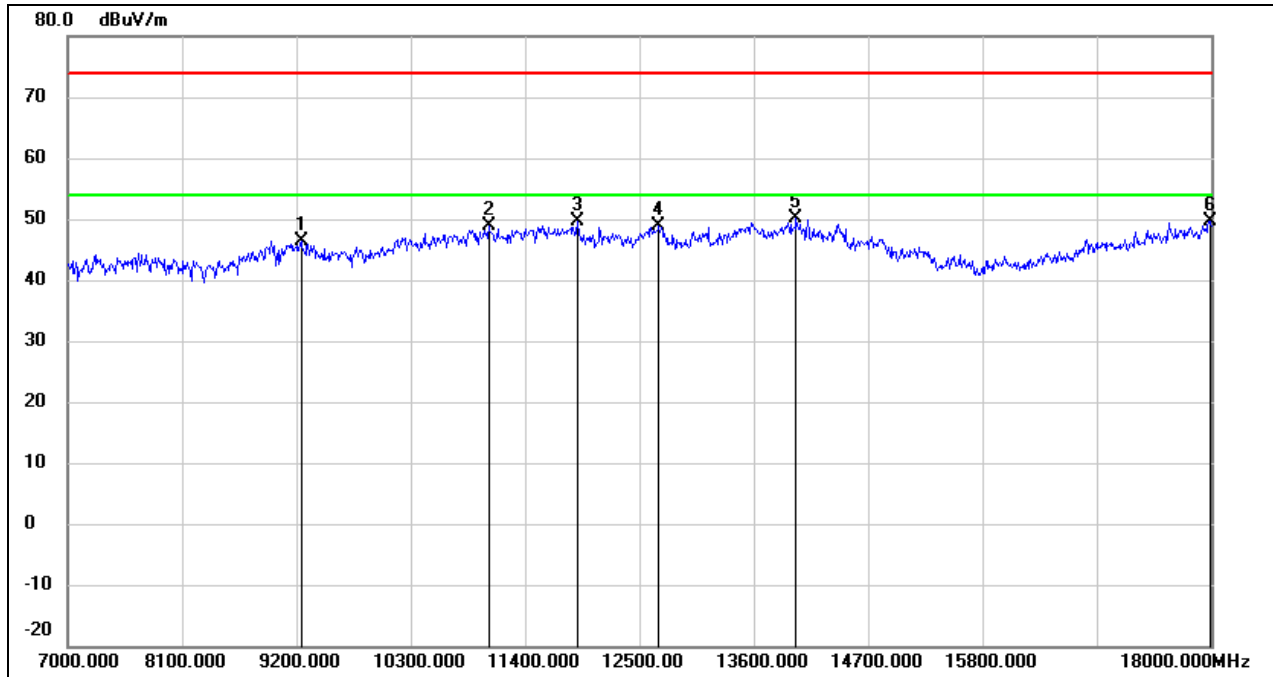


Test Mode:	802.11ac VHT80	Frequency(MHz):	5530
Polarity:	Vertical	Test Voltage:	DC 3.3 V



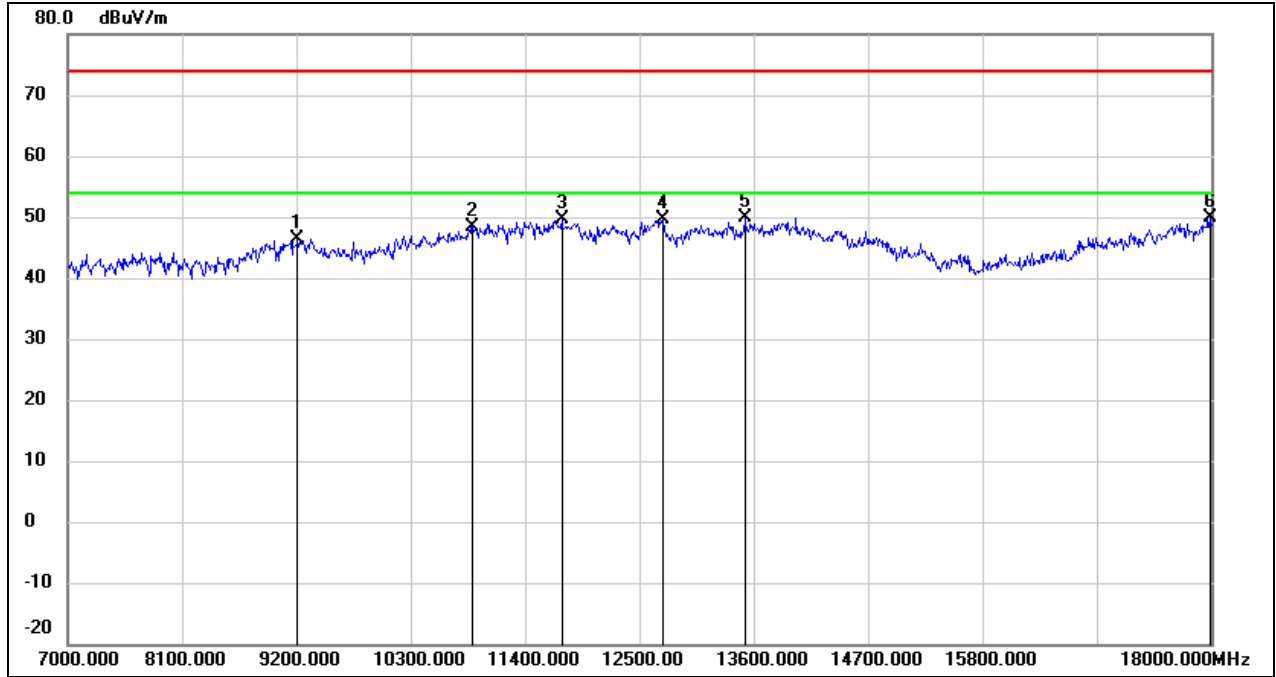
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.12	10.21	46.33	74.00	-27.67	peak
2	10850.000	34.59	14.15	48.74	74.00	-25.26	peak
3	11840.000	32.79	17.40	50.19	74.00	-23.81	peak
4	12709.000	32.87	18.09	50.96	74.00	-23.04	peak
5	13930.000	28.27	21.71	49.98	74.00	-24.02	peak
6	17989.000	24.44	26.04	50.48	74.00	-23.52	peak

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



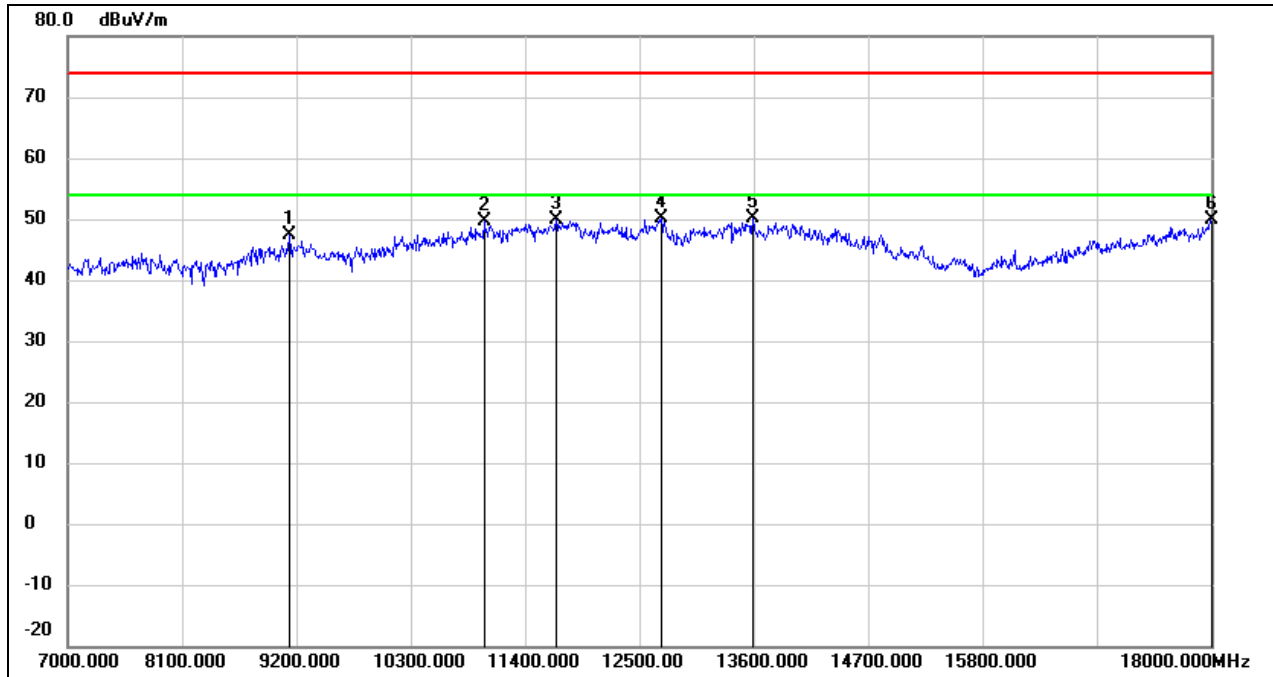
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	35.91	10.49	46.40	74.00	-27.60	peak
2	11048.000	33.95	14.91	48.86	74.00	-25.14	peak
3	11906.000	32.16	17.52	49.68	74.00	-24.32	peak
4	12687.000	30.75	18.05	48.80	74.00	-25.20	peak
5	14007.000	28.16	21.85	50.01	74.00	-23.99	peak
6	17989.000	23.68	26.04	49.72	74.00	-24.28	peak

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



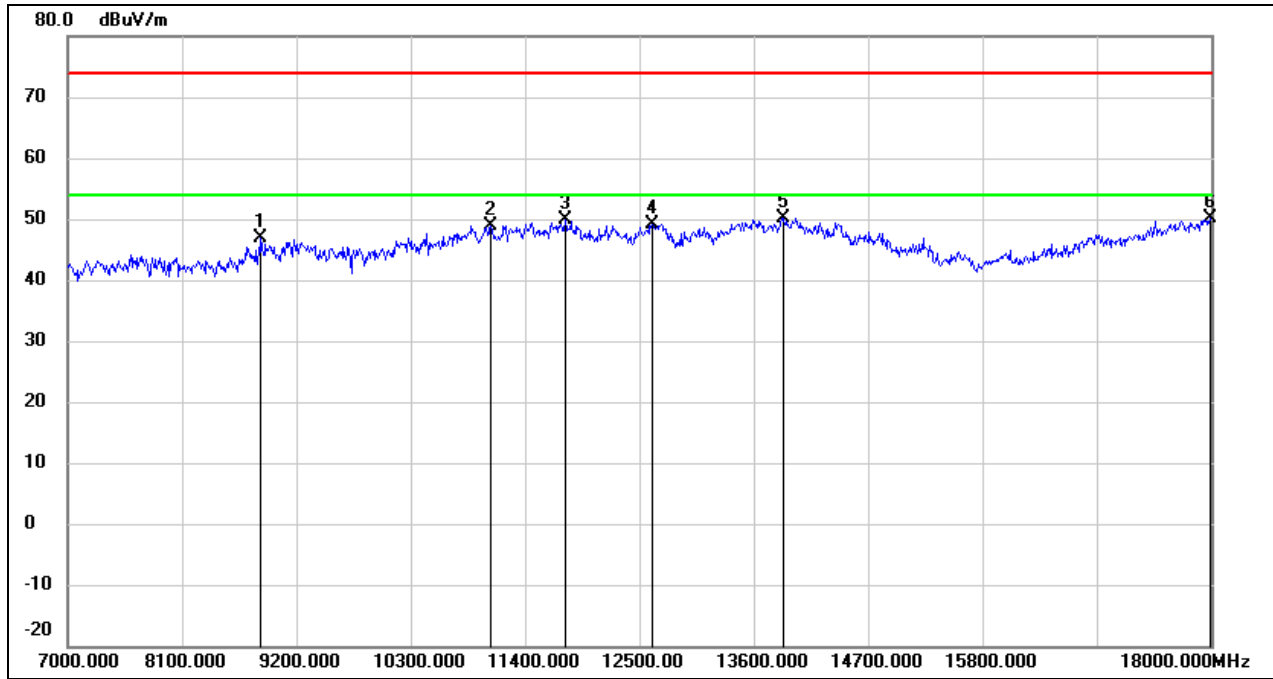
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9211.000	35.91	10.47	46.38	74.00	-27.62	peak
2	10894.000	34.18	14.32	48.50	74.00	-25.50	peak
3	11752.000	32.40	17.24	49.64	74.00	-24.36	peak
4	12731.000	31.54	18.12	49.66	74.00	-24.34	peak
5	13512.000	29.28	20.68	49.96	74.00	-24.04	peak
6	17989.000	23.90	26.04	49.94	74.00	-24.06	peak

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



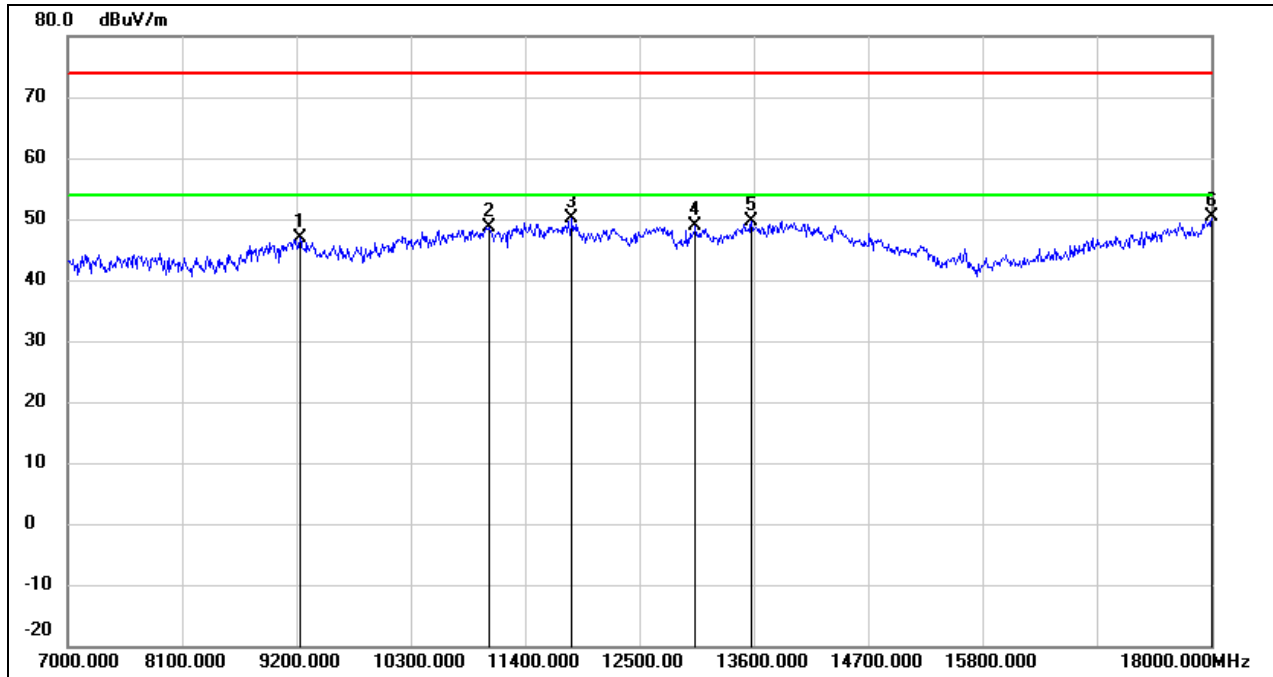
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.87	10.41	47.28	74.00	-26.72	peak
2	11004.000	34.80	14.74	49.54	74.00	-24.46	peak
3	11697.000	32.87	17.13	50.00	74.00	-24.00	peak
4	12709.000	32.13	18.09	50.22	74.00	-23.78	peak
5	13589.000	29.22	20.86	50.08	74.00	-23.92	peak
6	18000.000	23.76	26.12	49.88	74.00	-24.12	peak

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



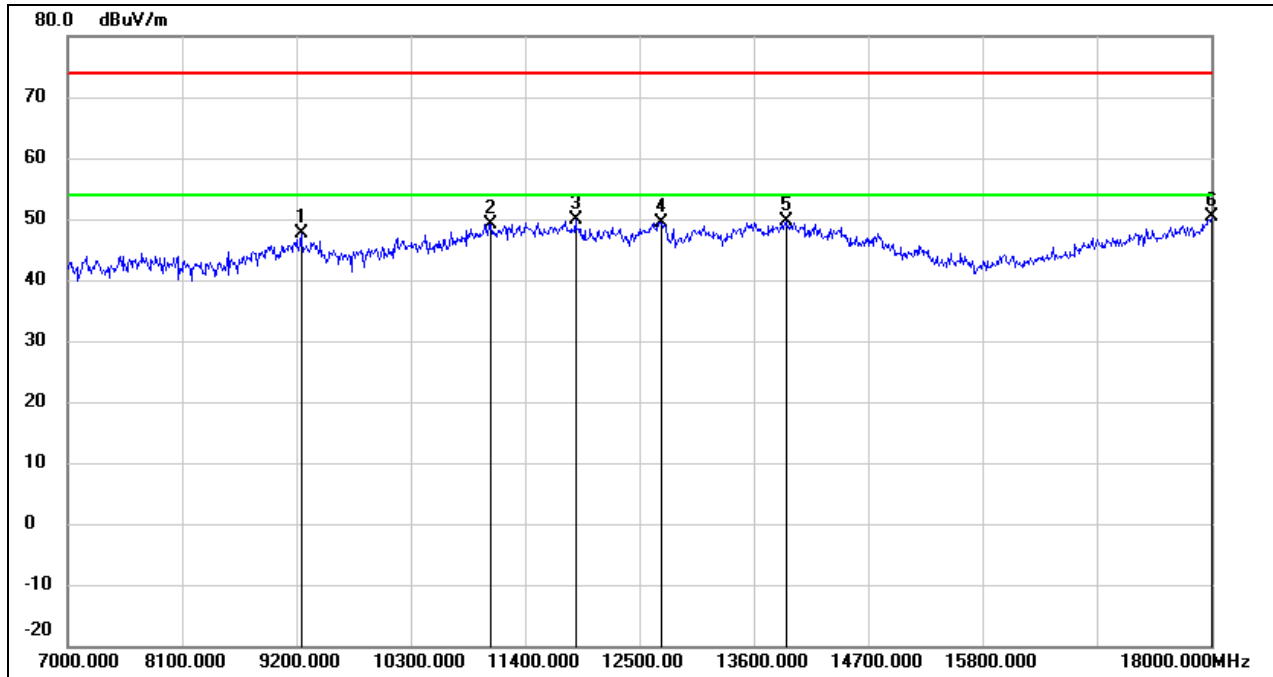
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8859.000	37.43	9.36	46.79	74.00	-27.21	peak
2	11070.000	33.88	15.01	48.89	74.00	-25.11	peak
3	11785.000	32.48	17.30	49.78	74.00	-24.22	peak
4	12621.000	31.22	17.98	49.20	74.00	-24.80	peak
5	13886.000	28.61	21.60	50.21	74.00	-23.79	peak
6	17989.000	24.14	26.04	50.18	74.00	-23.82	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
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	9233.000	36.40	10.48	46.88	74.00	-27.12	peak
2	11048.000	33.78	14.91	48.69	74.00	-25.31	peak
3	11851.000	32.63	17.43	50.06	74.00	-23.94	peak
4	13039.000	30.16	18.62	48.78	74.00	-25.22	peak
5	13578.000	28.90	20.83	49.73	74.00	-24.27	peak
6	18000.000	24.36	26.12	50.48	74.00	-23.52	peak

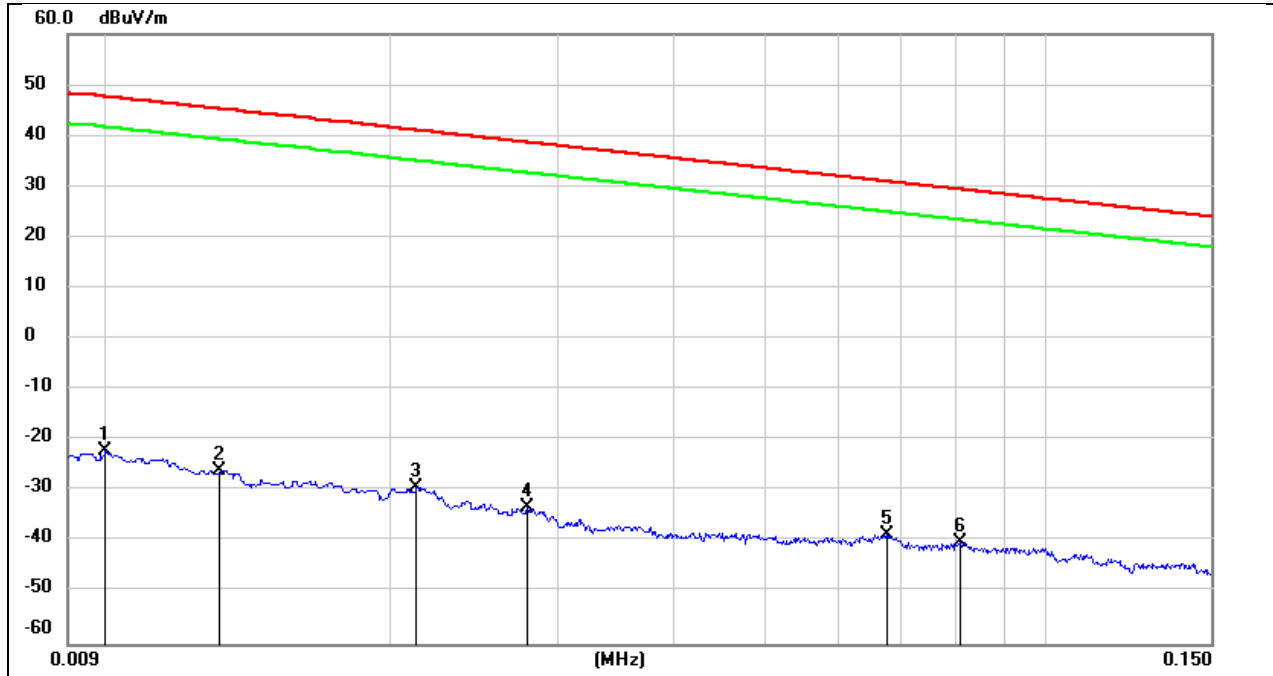
Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	37.15	10.49	47.64	74.00	-26.36	peak
2	11070.000	34.02	15.01	49.03	74.00	-24.97	peak
3	11884.000	32.49	17.48	49.97	74.00	-24.03	peak
4	12709.000	31.37	18.09	49.46	74.00	-24.54	peak
5	13919.000	27.85	21.68	49.53	74.00	-24.47	peak
6	18000.000	24.27	26.12	50.39	74.00	-23.61	peak

### 8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

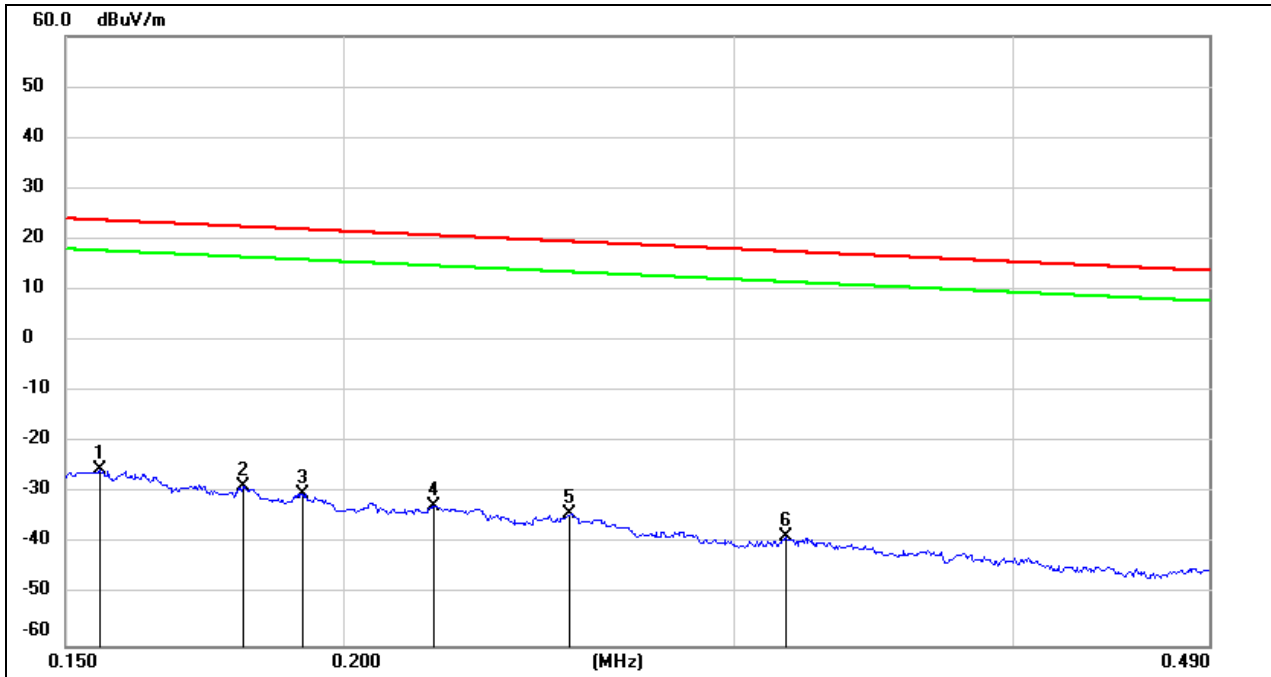
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



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	79.22	-101.40	-22.18	47.60	-73.68	-3.90	-69.78	peak
2	0.0131	75.47	-101.38	-25.91	45.25	-77.41	-6.25	-71.16	peak
3	0.0212	72.04	-101.35	-29.31	41.07	-80.81	-10.43	-70.38	peak
4	0.0279	68.17	-101.38	-33.21	38.69	-84.71	-12.81	-71.90	peak
5	0.0675	63.14	-101.56	-38.42	31.02	-89.92	-20.48	-69.44	peak
6	0.0806	61.68	-101.63	-39.95	29.47	-91.45	-22.03	-69.42	peak

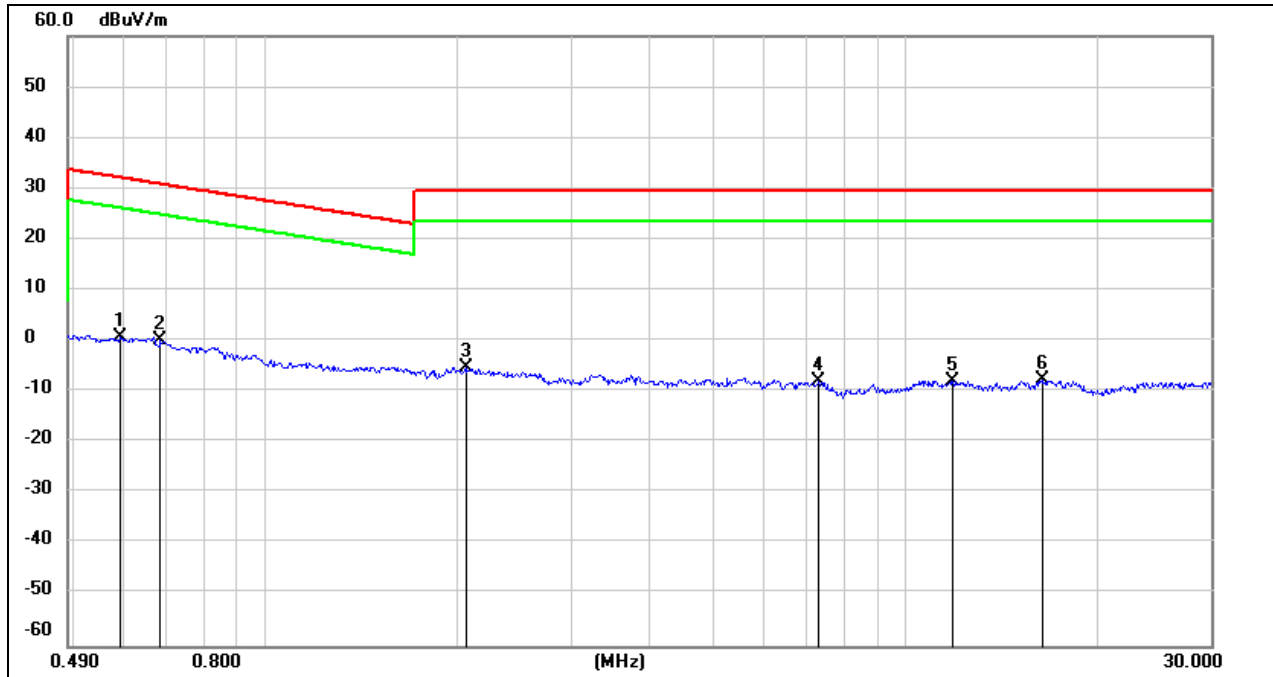


Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



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	76.27	-101.65	-25.38	23.77	-76.88	-27.73	-49.15	peak
2	0.1801	73.03	-101.68	-28.65	22.50	-80.15	-29.00	-51.15	peak
3	0.1917	71.54	-101.70	-30.16	21.95	-81.66	-29.55	-52.11	peak
4	0.2197	69.27	-101.75	-32.48	20.76	-83.98	-30.74	-53.24	peak
5	0.2530	67.64	-101.80	-34.16	19.54	-85.66	-31.96	-53.70	peak
6	0.3163	63.20	-101.87	-38.67	17.60	-90.17	-33.90	-56.27	peak

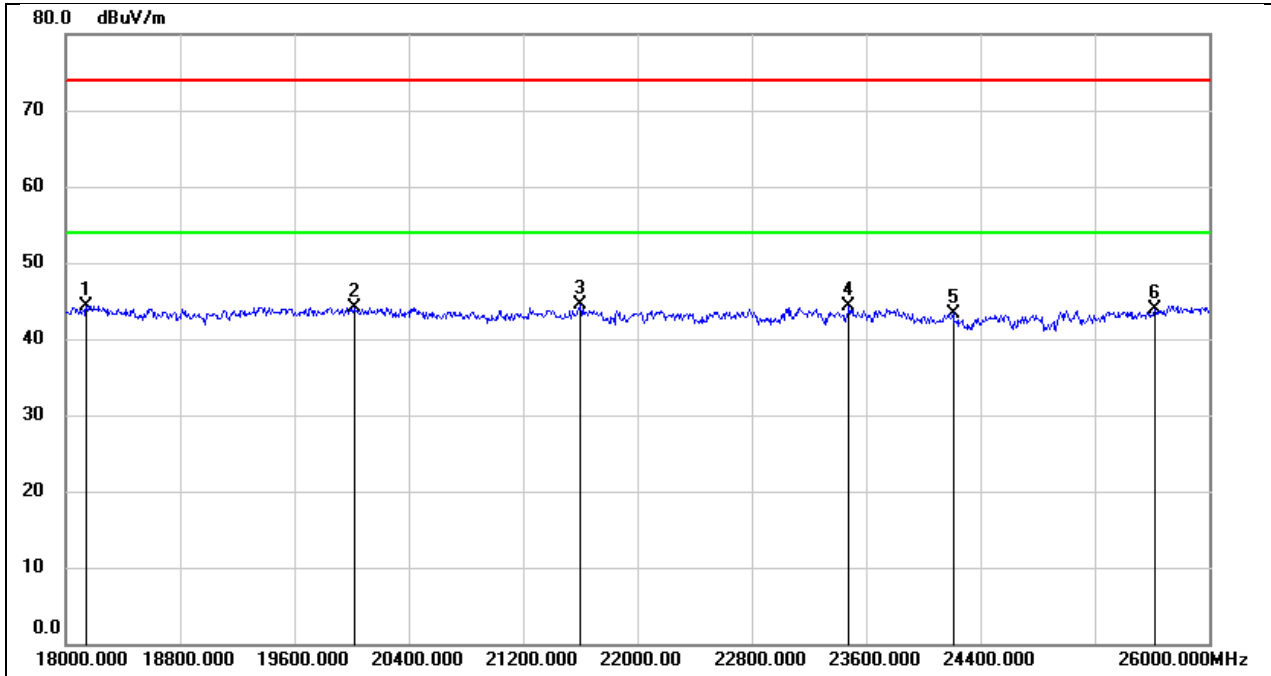
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



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	0.5917	62.74	-62.08	0.66	32.16	-50.84	-19.34	-31.50	peak
2	0.6834	62.21	-62.11	0.10	30.91	-51.40	-20.59	-30.81	peak
3	2.0539	56.70	-61.81	-5.11	29.54	-56.61	-21.96	-34.65	peak
4	7.3361	53.08	-61.17	-8.09	29.54	-59.59	-21.96	-37.63	peak
5	11.8513	53.06	-60.88	-7.82	29.54	-59.32	-21.96	-37.36	peak
6	16.3959	53.17	-60.96	-7.79	29.54	-59.29	-21.96	-37.33	peak

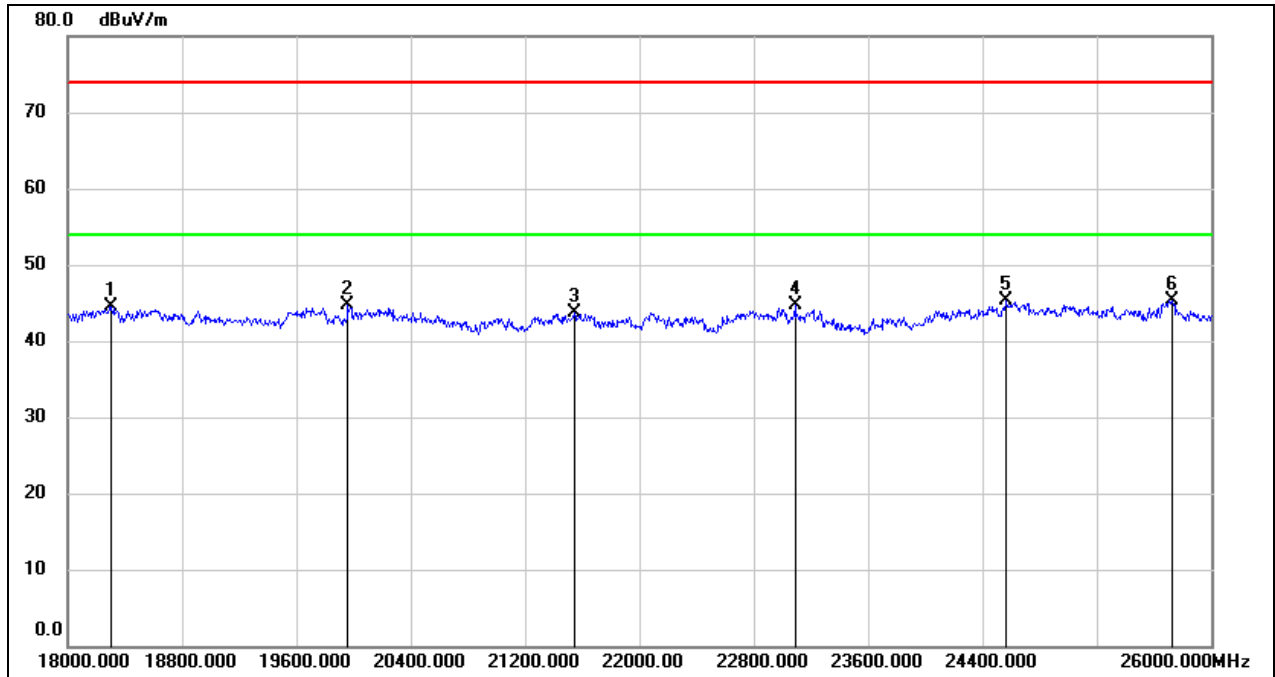
### 8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

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	18144.000	49.77	-5.48	44.29	74.00	-29.71	peak
2	20016.000	49.56	-5.47	44.09	74.00	-29.91	peak
3	21600.000	49.02	-4.54	44.48	74.00	-29.52	peak
4	23480.000	47.54	-3.16	44.38	74.00	-29.62	peak
5	24208.000	46.21	-2.81	43.40	74.00	-30.60	peak
6	25616.000	45.18	-1.24	43.94	74.00	-30.06	peak

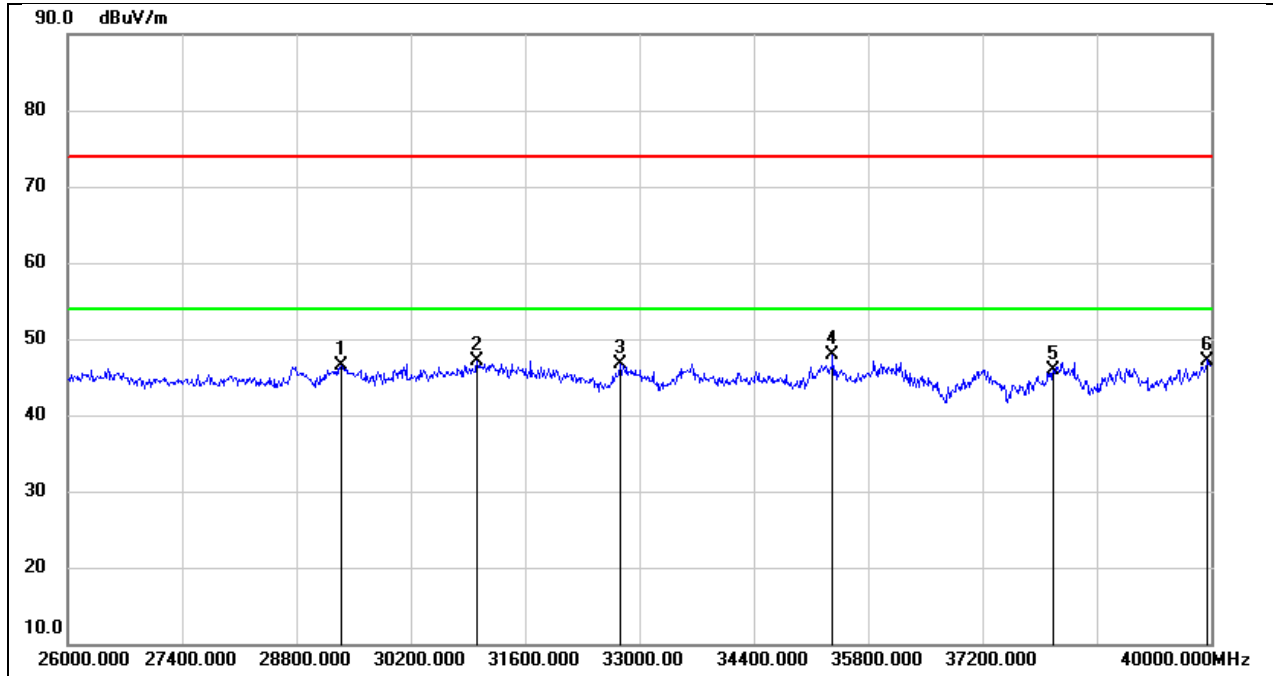
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18304.000	49.97	-5.49	44.48	74.00	-29.52	peak
2	19960.000	50.06	-5.42	44.64	74.00	-29.36	peak
3	21544.000	48.26	-4.63	43.63	74.00	-30.37	peak
4	23088.000	48.02	-3.41	44.61	74.00	-29.39	peak
5	24568.000	47.60	-2.33	45.27	74.00	-28.73	peak
6	25728.000	46.11	-0.72	45.39	74.00	-28.61	peak

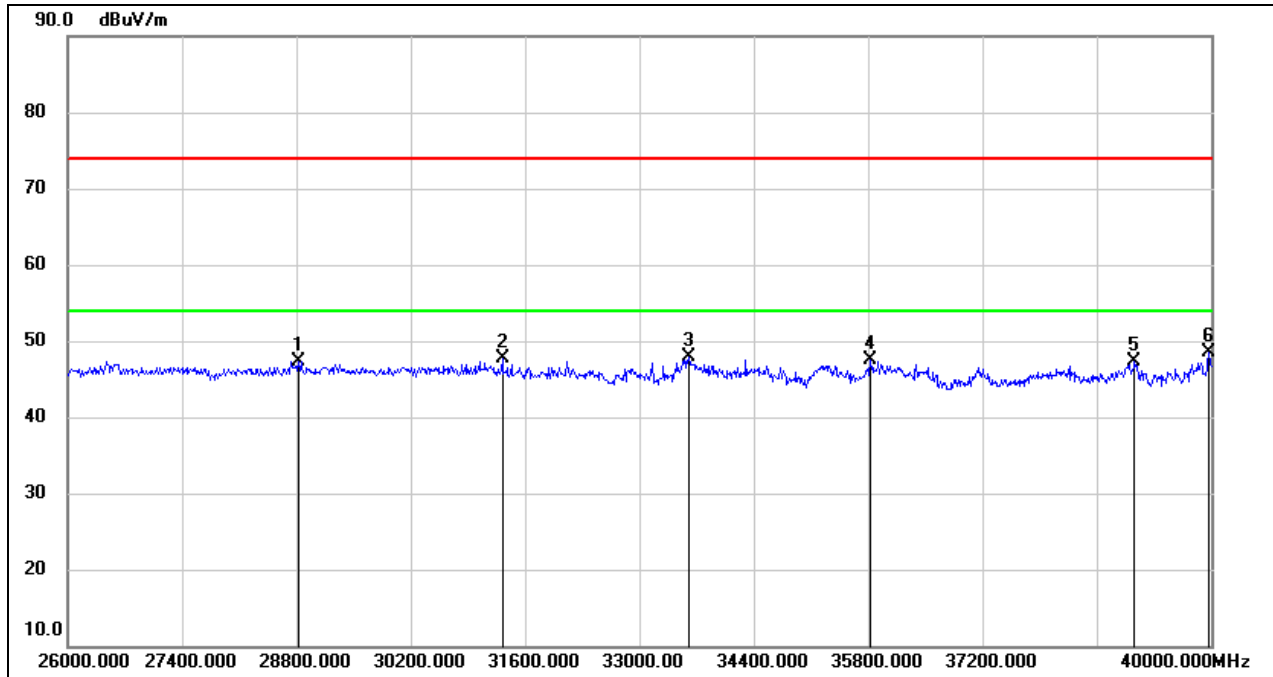
### 8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

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	29346.000	47.38	-0.91	46.47	74.00	-27.53	peak
2	31012.000	47.83	-0.71	47.12	74.00	-26.88	peak
3	32762.000	47.95	-1.21	46.74	74.00	-27.26	peak
4	35366.000	45.40	2.59	47.99	74.00	-26.01	peak
5	38068.000	42.56	3.42	45.98	74.00	-28.02	peak
6	39958.000	42.08	5.12	47.20	74.00	-26.80	peak

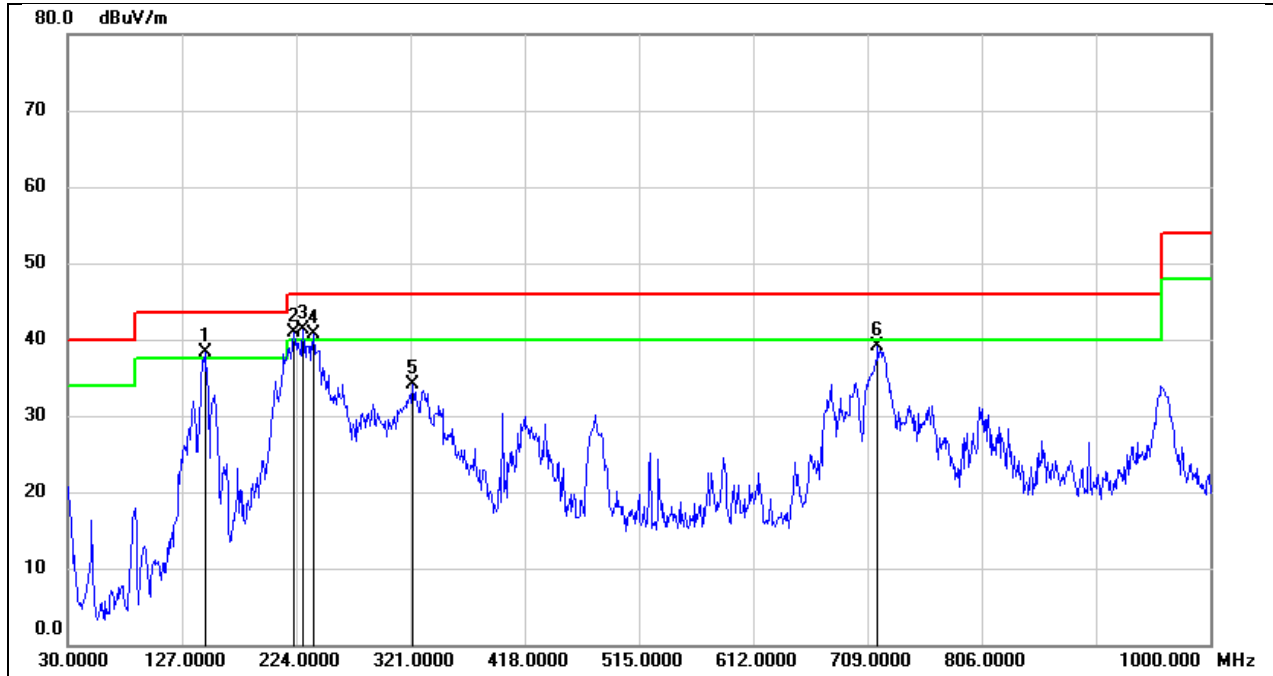
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28828.000	48.13	-0.79	47.34	74.00	-26.66	peak
2	31320.000	48.61	-0.93	47.68	74.00	-26.32	peak
3	33602.000	47.51	0.46	47.97	74.00	-26.03	peak
4	35828.000	43.75	3.67	47.42	74.00	-26.58	peak
5	39062.000	42.98	4.30	47.28	74.00	-26.72	peak
6	39972.000	43.45	5.13	48.58	74.00	-25.42	peak

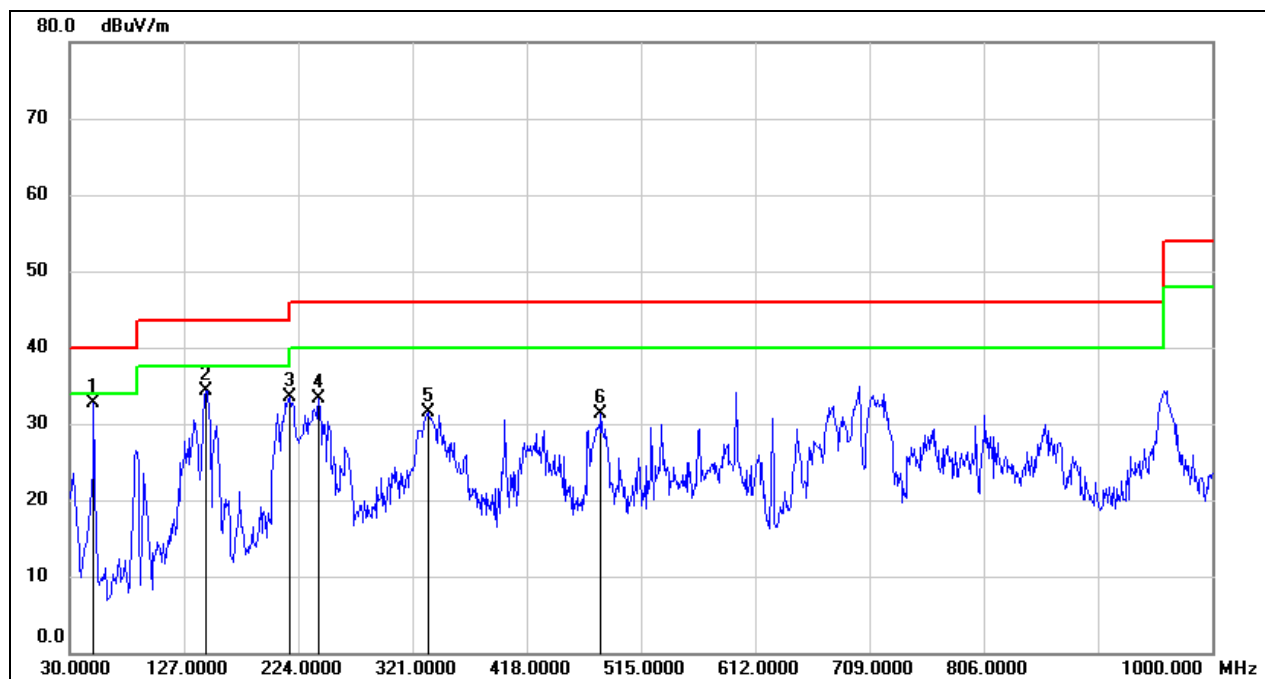
### 8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

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	146.4000	56.78	-18.55	38.23	43.50	-5.27	QP
2	222.0600	58.42	-17.59	40.83	46.00	-5.17	QP
3	229.8200	59.26	-17.93	41.33	46.00	-4.67	QP
4	238.5500	59.02	-18.35	40.67	46.00	-5.33	QP
5	322.9400	48.29	-14.13	34.16	46.00	-11.84	QP
6	717.7300	46.73	-7.57	39.16	46.00	-6.84	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	50.3700	53.23	-20.56	32.67	40.00	-7.33	QP
2	145.4299	52.97	-18.60	34.37	43.50	-9.13	QP
3	217.2100	50.86	-17.37	33.49	46.00	-12.51	QP
4	241.4600	51.87	-18.50	33.37	46.00	-12.63	QP
5	334.5799	45.07	-13.64	31.43	46.00	-14.57	QP
6	481.0500	42.28	-11.03	31.25	46.00	-14.75	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

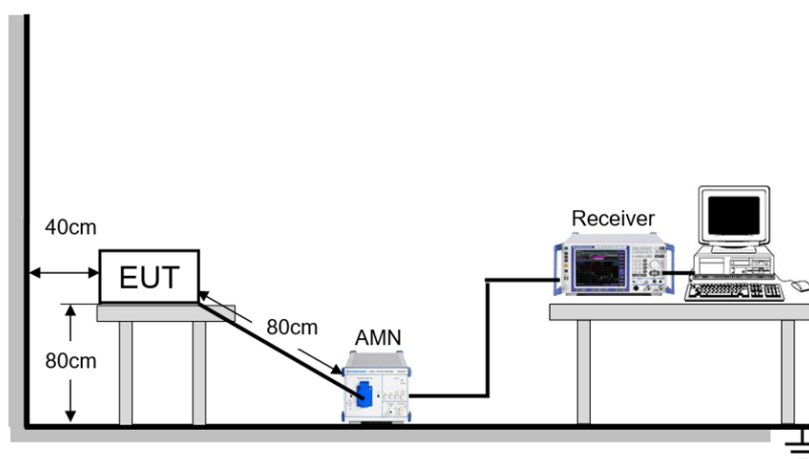
### TEST PROCEDURE

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**

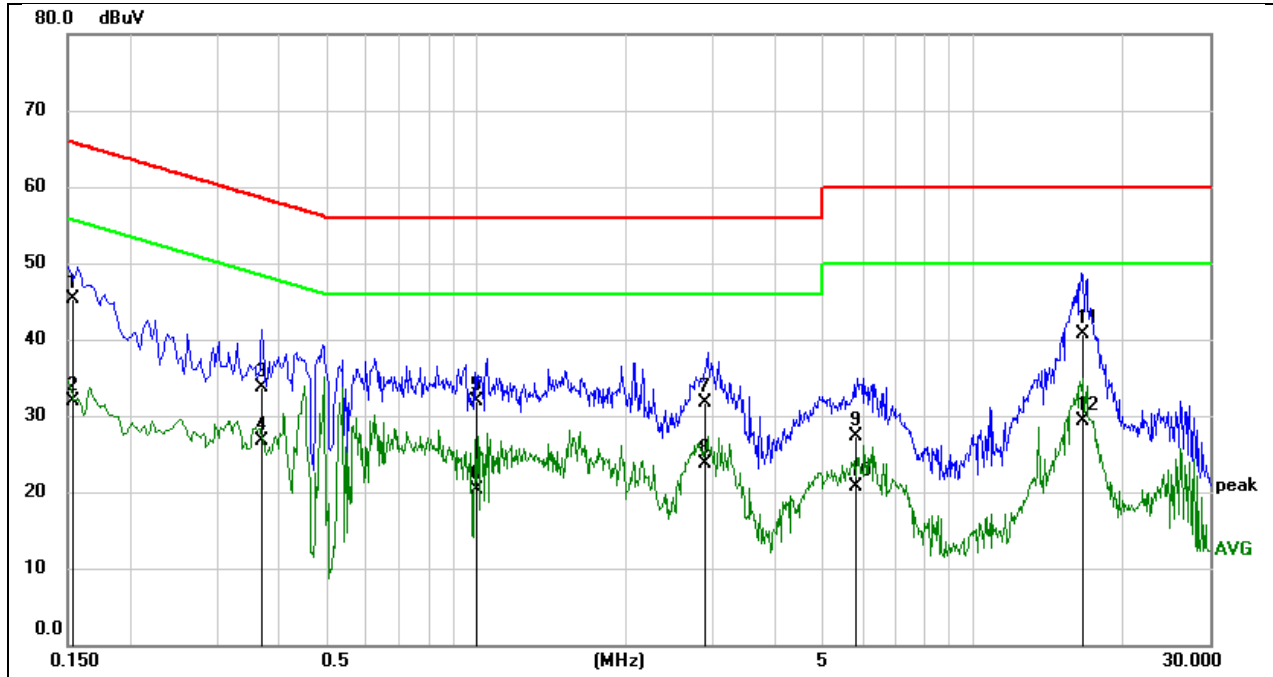
Temperature	24.2°C	Relative Humidity	63%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V, 60 Hz

**TEST DATE / ENGINEER**

Test Date	August 26, 2023	Test By	Wite Chen
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**TEST RESULTS**

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



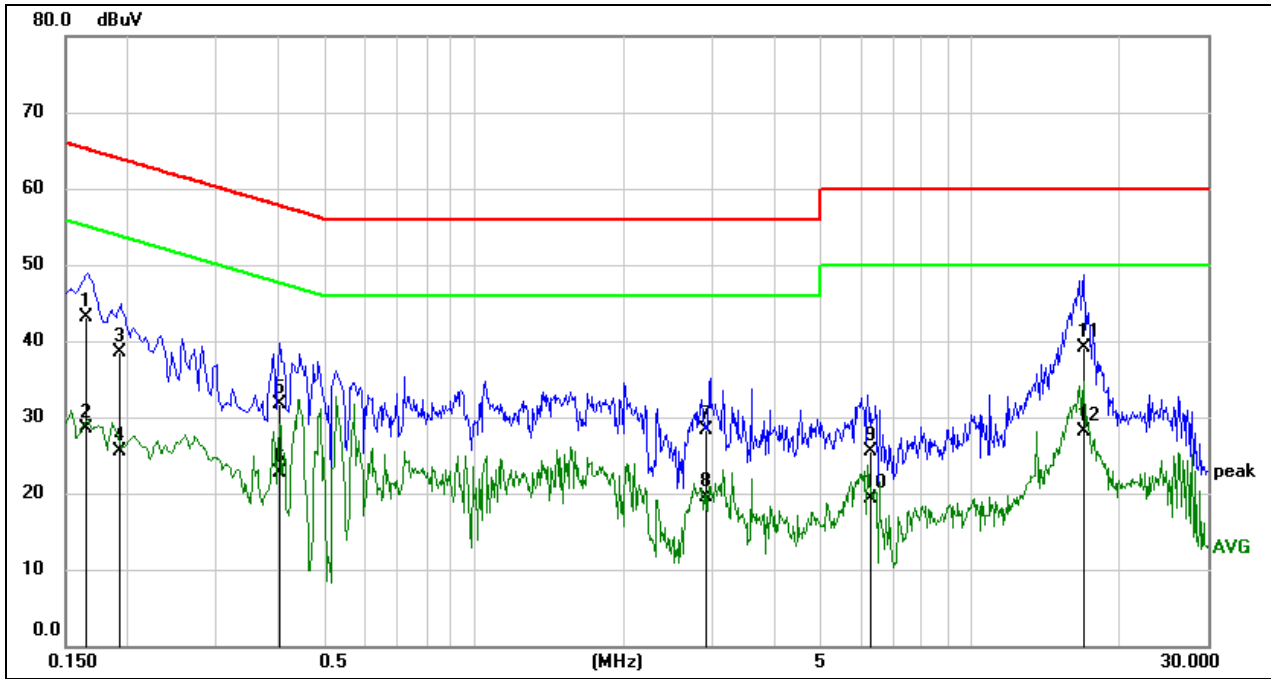
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1535	35.51	9.84	45.35	65.81	-20.46	QP
2	0.1535	21.99	9.84	31.83	55.81	-23.98	AVG
3	0.3682	23.90	9.84	33.74	58.54	-24.80	QP
4	0.3682	16.88	9.84	26.72	48.54	-21.82	AVG
5	1.0017	22.14	9.85	31.99	56.00	-24.01	QP
6	1.0017	10.48	9.85	20.33	46.00	-25.67	AVG
7	2.8966	21.85	9.92	31.77	56.00	-24.23	QP
8	2.8966	13.82	9.92	23.74	46.00	-22.26	AVG
9	5.8256	17.36	10.03	27.39	60.00	-32.61	QP
10	5.8256	10.59	10.03	20.62	50.00	-29.38	AVG
11	16.6199	30.45	10.20	40.65	60.00	-19.35	QP
12	16.6199	19.15	10.20	29.35	50.00	-20.65	AVG

Note:

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1645	33.43	9.77	43.20	65.23	-22.03	QP
2	0.1645	18.81	9.77	28.58	55.23	-26.65	AVG
3	0.1918	28.71	9.82	38.53	63.96	-25.43	QP
4	0.1918	15.71	9.82	25.53	53.96	-28.43	AVG
5	0.4058	22.02	9.77	31.79	57.73	-25.94	QP
6	0.4058	13.02	9.77	22.79	47.73	-24.94	AVG
7	2.9335	18.48	9.88	28.36	56.00	-27.64	QP
8	2.9335	9.57	9.88	19.45	46.00	-26.55	AVG
9	6.2637	15.53	9.94	25.47	60.00	-34.53	QP
10	6.2637	9.29	9.94	19.23	50.00	-30.77	AVG
11	16.8802	29.05	10.10	39.15	60.00	-20.85	QP
12	16.8802	18.10	10.10	28.20	50.00	-21.80	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

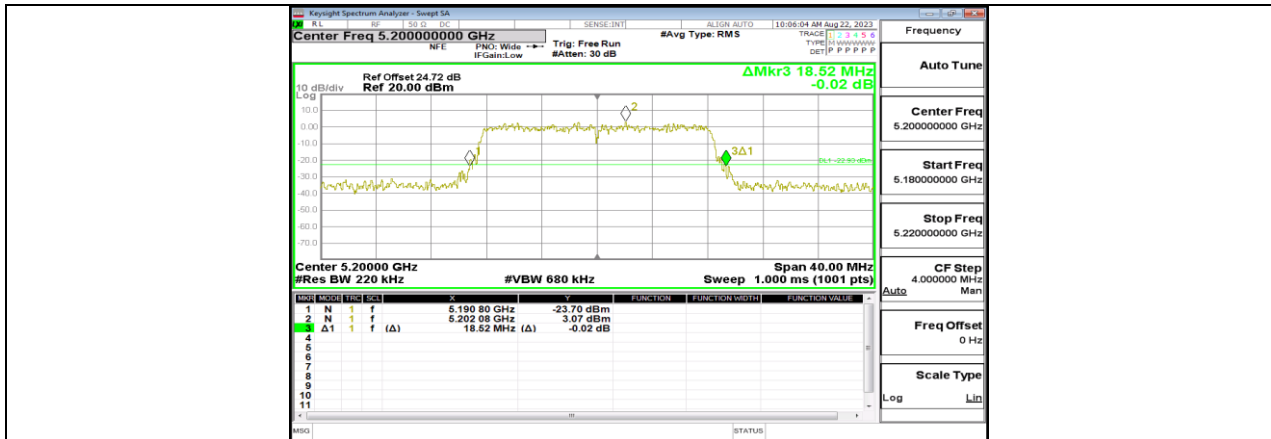
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant0	5180	19.040	5170.560	5189.600	PASS
	Ant1	5180	18.280	5170.960	5189.240	PASS
	Ant0	5200	18.920	5190.600	5209.520	PASS
	Ant1	5200	18.520	5190.800	5209.320	PASS
	Ant0	5240	19.080	5230.440	5249.520	PASS
	Ant1	5240	18.360	5230.720	5249.080	PASS
	Ant0	5260	19.480	5250.400	5269.880	PASS
	Ant1	5260	18.320	5250.720	5269.040	PASS
	Ant0	5280	19.160	5270.440	5289.600	PASS
	Ant1	5280	18.840	5270.560	5289.400	PASS
	Ant0	5320	19.280	5310.360	5329.640	PASS
	Ant1	5320	18.360	5310.760	5329.120	PASS
	Ant0	5500	18.520	5490.800	5509.320	PASS
	Ant1	5500	18.080	5491.000	5509.080	PASS
	Ant0	5580	18.520	5570.720	5589.240	PASS
	Ant1	5580	18.240	5570.720	5588.960	PASS
	Ant0	5700	19.480	5690.480	5709.960	PASS
	Ant1	5700	18.360	5690.840	5709.200	PASS
	Ant0	5720	19.280	5710.240	5729.520	PASS
	Ant1	5720	18.720	5710.760	5729.480	PASS
	Ant0	5720_UNII-2C	14.76	5710.240	5725	PASS
	Ant1	5720_UNII-2C	14.24	5710.760	5725	PASS
	Ant0	5720_UNII-3	4.52	5725	5729.520	PASS
	Ant1	5720_UNII-3	4.48	5725	5729.480	PASS
	Ant0	5745	19.080	5735.520	5754.600	PASS
	Ant1	5745	18.720	5735.720	5754.440	PASS
	Ant0	5785	19.560	5775.280	5794.840	PASS
	Ant1	5785	18.520	5775.720	5794.240	PASS
	Ant0	5825	18.480	5815.800	5834.280	PASS
	Ant1	5825	18.320	5815.880	5834.200	PASS
11N20MIMO	Ant0	5180	19.400	5170.320	5189.720	PASS
	Ant1	5180	19.200	5170.400	5189.600	PASS
	Ant0	5200	19.120	5190.560	5209.680	PASS
	Ant1	5200	19.520	5190.240	5209.760	PASS
	Ant0	5240	19.160	5230.480	5249.640	PASS
	Ant1	5240	19.560	5230.360	5249.920	PASS
	Ant0	5260	19.320	5250.240	5269.560	PASS
	Ant1	5260	19.360	5250.240	5269.600	PASS
	Ant0	5280	19.280	5270.240	5289.520	PASS
	Ant1	5280	19.480	5270.280	5289.760	PASS
	Ant0	5320	19.440	5310.280	5329.720	PASS
	Ant1	5320	19.200	5310.400	5329.600	PASS
	Ant0	5500	19.160	5490.480	5509.640	PASS
	Ant1	5500	19.120	5490.480	5509.600	PASS
	Ant0	5580	19.200	5570.520	5589.720	PASS
	Ant1	5580	19.320	5570.360	5589.680	PASS
	Ant0	5700	19.240	5690.440	5709.680	PASS
	Ant1	5700	19.440	5690.360	5709.800	PASS
	Ant0	5720	19.480	5710.120	5729.600	PASS
	Ant1	5720	19.360	5710.280	5729.640	PASS
	Ant0	5720_UNII-2C	14.88	5710.120	5725	PASS
Ant1	5720_UNII-2C	14.72	5710.280	5725	PASS	

	Ant0	5720_UNII-3	4.6	5725	5729.600	PASS
	Ant1	5720_UNII-3	4.64	5725	5729.640	PASS
	Ant0	5745	18.800	5735.560	5754.360	PASS
	Ant1	5745	19.040	5735.480	5754.520	PASS
	Ant0	5785	19.080	5775.440	5794.520	PASS
	Ant1	5785	19.400	5775.400	5794.800	PASS
	Ant0	5825	19.320	5815.360	5834.680	PASS
	Ant1	5825	19.240	5815.400	5834.640	PASS
11N40MIMO	Ant0	5190	39.760	5170.160	5209.920	PASS
	Ant1	5190	40.640	5169.760	5210.400	PASS
	Ant0	5230	40.400	5209.760	5250.160	PASS
	Ant1	5230	40.640	5209.840	5250.480	PASS
	Ant0	5270	41.280	5249.200	5290.480	PASS
	Ant1	5270	40.480	5249.520	5290.000	PASS
	Ant0	5310	41.040	5289.760	5330.800	PASS
	Ant1	5310	40.160	5290.000	5330.160	PASS
	Ant0	5510	39.920	5489.840	5529.760	PASS
	Ant1	5510	39.760	5490.320	5530.080	PASS
	Ant0	5550	39.600	5530.640	5570.240	PASS
	Ant1	5550	41.360	5529.840	5571.200	PASS
	Ant0	5670	40.240	5650.000	5690.240	PASS
	Ant1	5670	39.520	5650.080	5689.600	PASS
	Ant0	5710	40.880	5689.360	5730.240	PASS
	Ant1	5710	39.920	5690.320	5730.240	PASS
	Ant0	5710_UNII-2C	35.64	5689.360	5725	PASS
	Ant1	5710_UNII-2C	34.68	5690.320	5725	PASS
	Ant0	5710_UNII-3	5.24	5725	5730.240	PASS
	Ant1	5710_UNII-3	5.24	5725	5730.240	PASS
	Ant0	5755	39.760	5735.320	5775.080	PASS
	Ant1	5755	40.400	5734.360	5774.760	PASS
	Ant0	5795	40.960	5774.680	5815.640	PASS
	Ant1	5795	40.080	5775.080	5815.160	PASS
11AC80MIMO	Ant0	5210	80.480	5169.520	5250.000	PASS
	Ant1	5210	79.840	5170.320	5250.160	PASS
	Ant0	5290	80.160	5249.840	5330.000	PASS
	Ant1	5290	79.840	5250.000	5329.840	PASS
	Ant0	5530	79.520	5490.320	5569.840	PASS
	Ant1	5530	81.120	5489.840	5570.960	PASS
	Ant0	5610	79.520	5570.640	5650.160	PASS
	Ant1	5610	80.320	5570.480	5650.800	PASS
	Ant0	5690	80.000	5649.680	5729.680	PASS
	Ant1	5690	82.240	5649.520	5731.760	PASS
	Ant0	5690_UNII-2C	75.32	5649.680	5725	PASS
	Ant1	5690_UNII-2C	75.48	5649.520	5725	PASS
	Ant0	5690_UNII-3	4.68	5725	5729.680	PASS
	Ant1	5690_UNII-3	6.76	5725	5731.760	PASS
	Ant0	5775	79.360	5735.480	5814.840	PASS
	Ant1	5775	79.840	5736.120	5815.960	PASS

### 11.1.2. Test Graphs







11A\_Ant1\_5200



11A\_Ant0\_5240



11A\_Ant1\_5240



11A\_Ant0\_5260



11A\_Ant1\_5260



11A\_Ant0\_5280



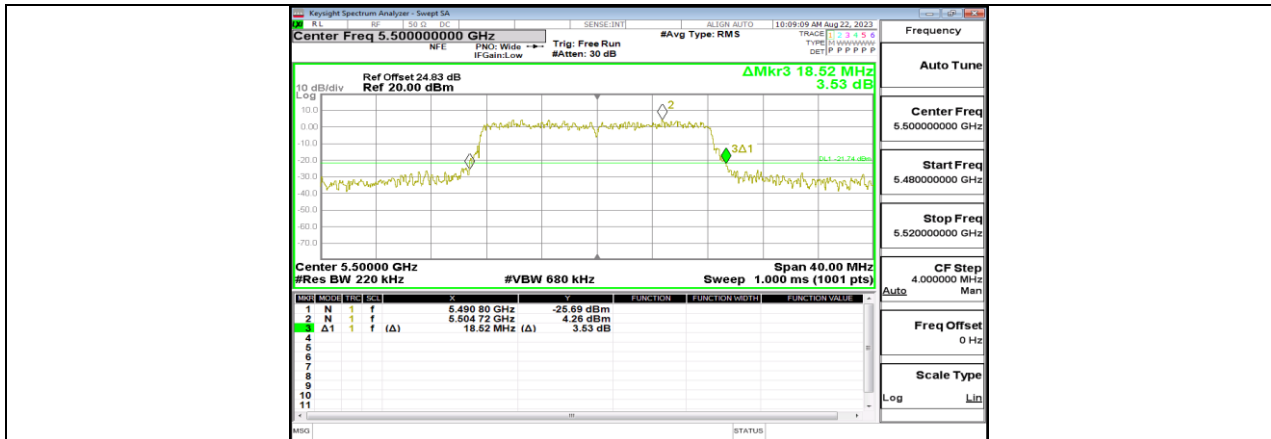
11A\_Ant1\_5280



11A\_Ant0\_5320



11A\_Ant1\_5320



11A\_Ant0\_5500



11A\_Ant1\_5500



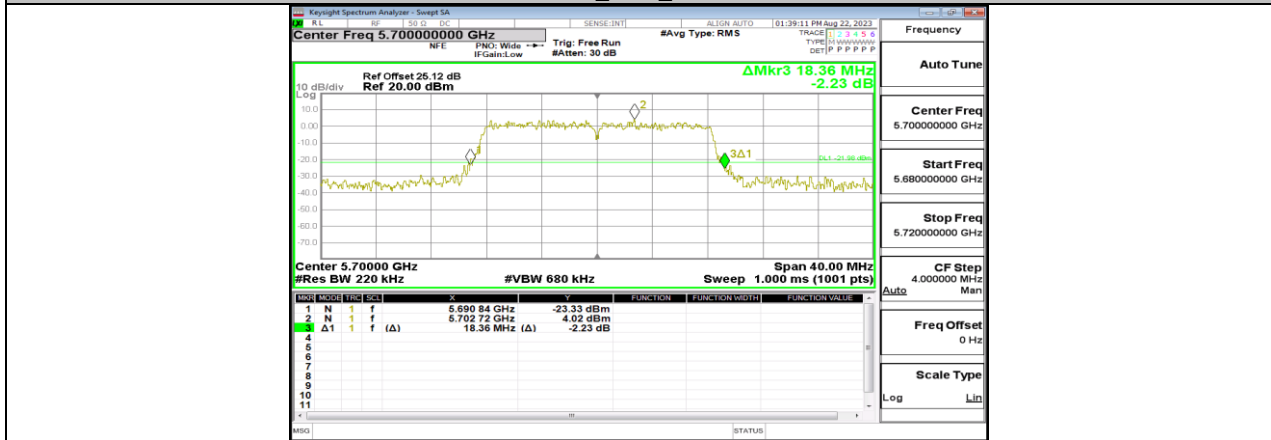
11A\_Ant0\_5580



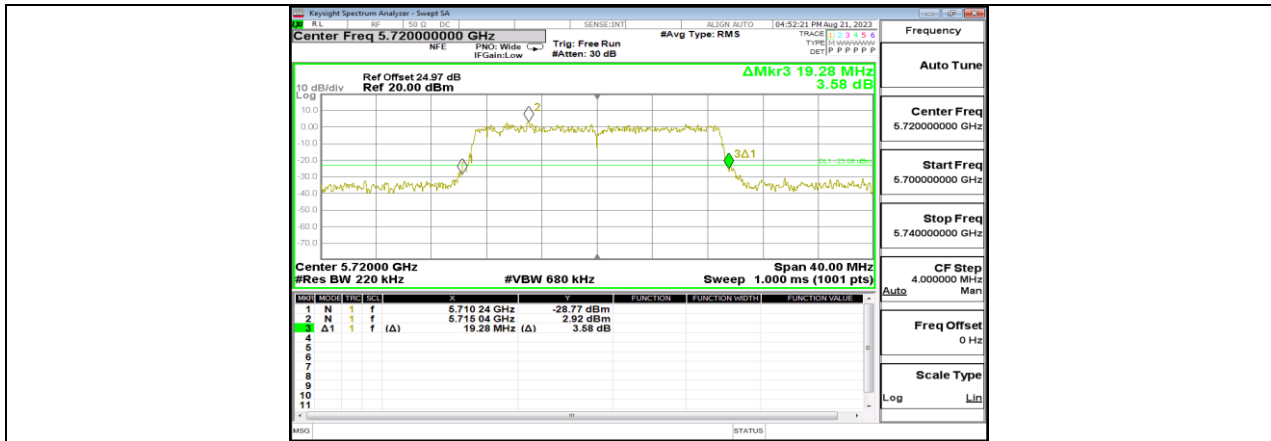
11A\_Ant1\_5580



11A\_Ant0\_5700



11A\_Ant1\_5700



11A\_Ant0\_5720



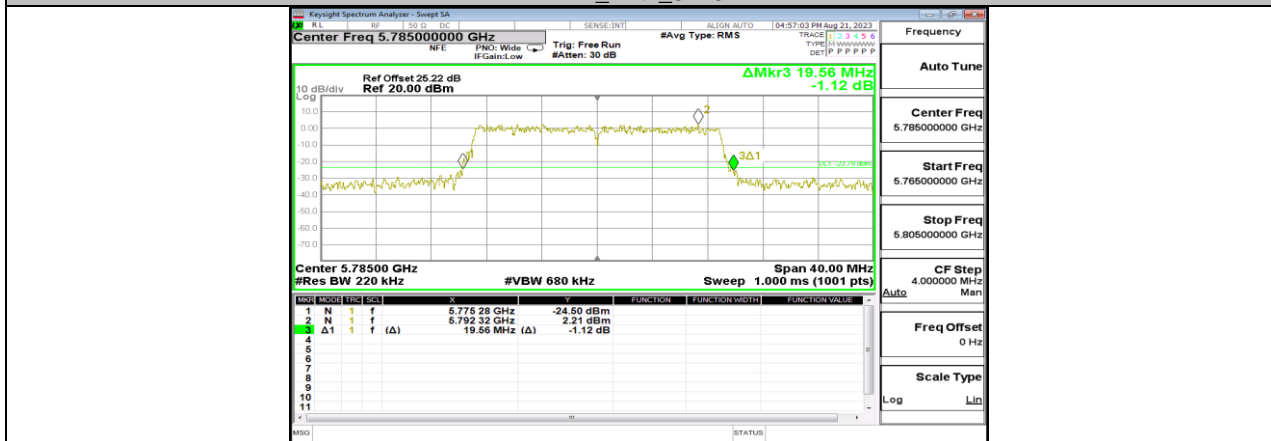
11A\_Ant1\_5720



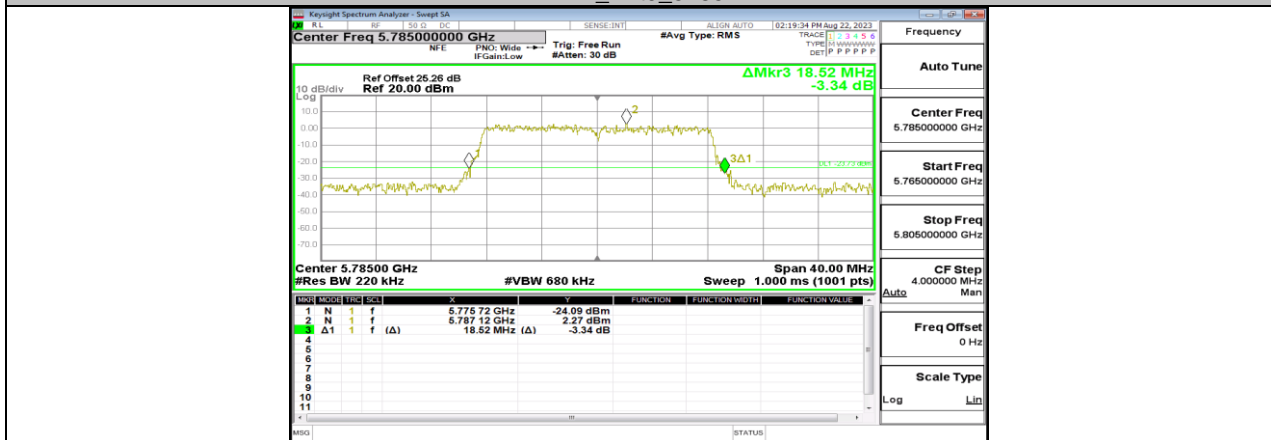
11A\_Ant0\_5745



11A\_Ant1\_5745



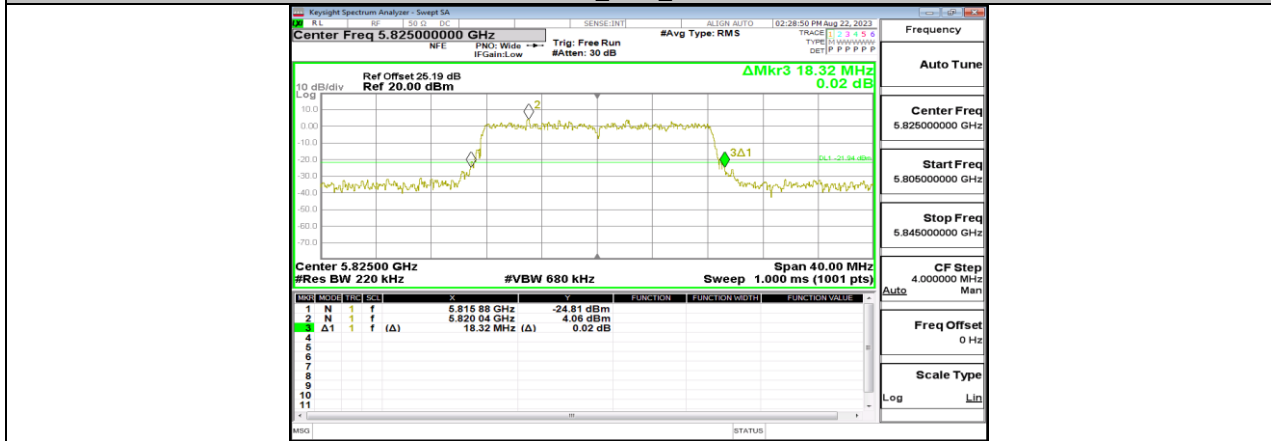
11A\_Ant0\_5785



11A\_Ant1\_5785



11A\_Ant0\_5825



11A\_Ant1\_5825



11N20MIMO\_Ant0\_5180





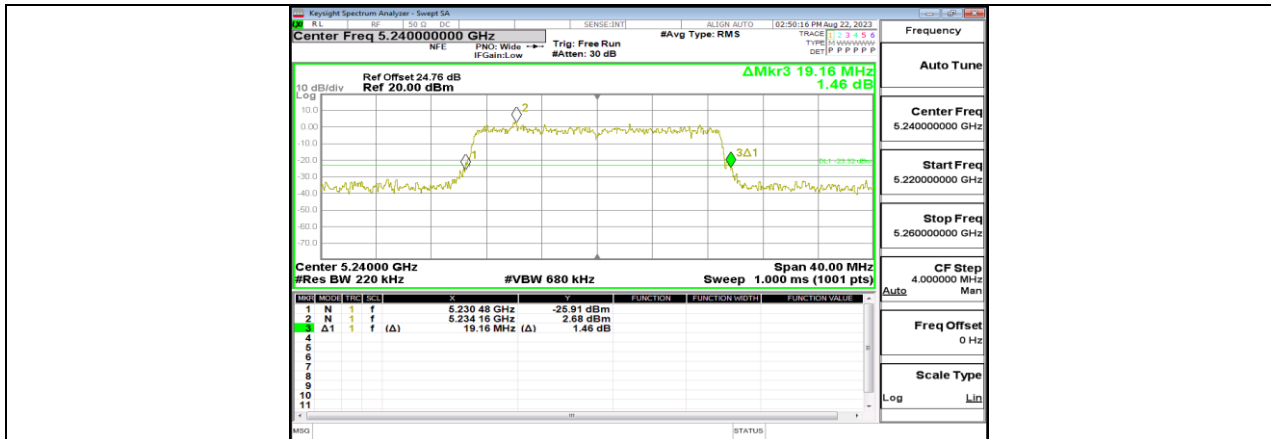
11N20MIMO\_Ant1\_5180



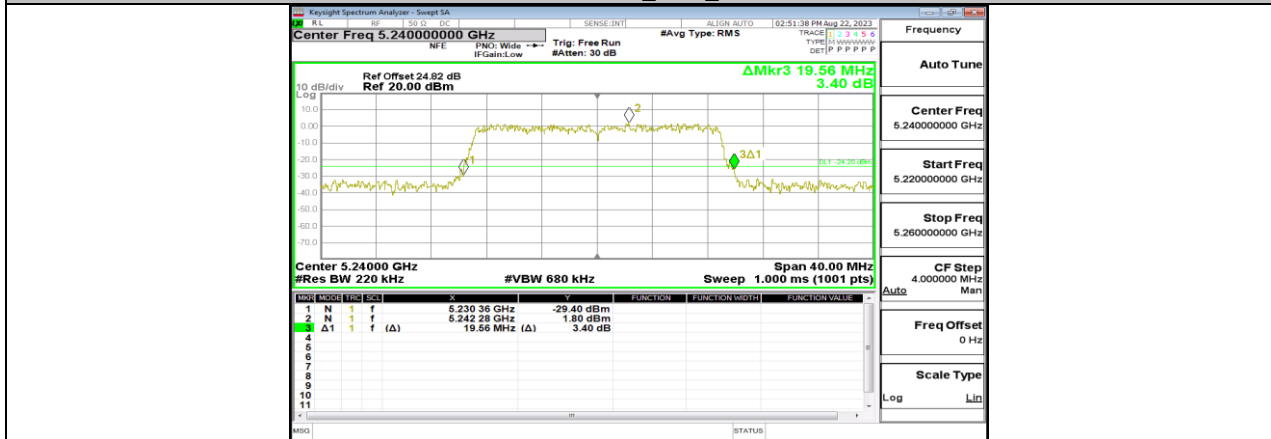
11N20MIMO\_Ant0\_5200



11N20MIMO\_Ant1\_5200



11N20MIMO\_Ant0\_5240



11N20MIMO\_Ant1\_5240



11N20MIMO\_Ant0\_5260



11N20MIMO\_Ant1\_5260



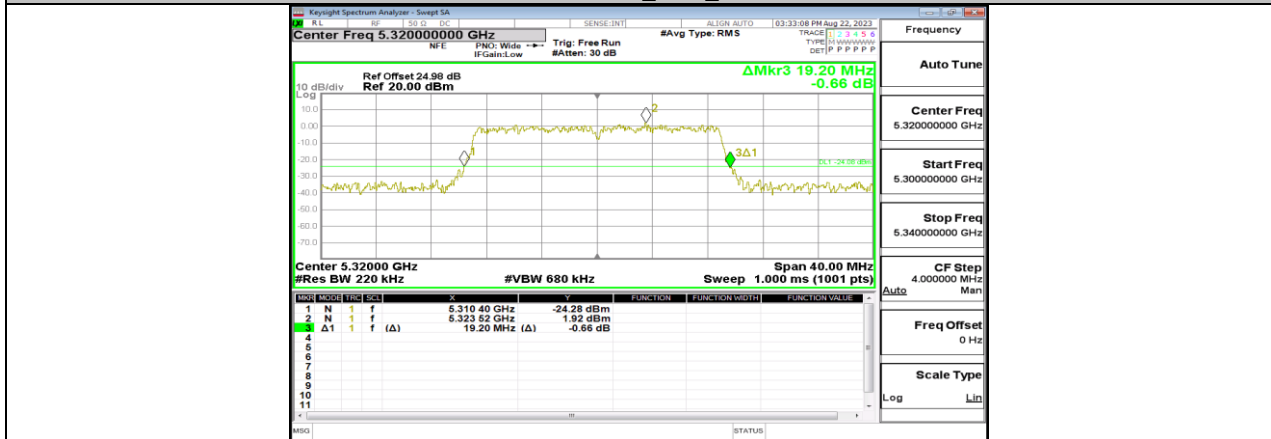
11N20MIMO\_Ant0\_5280



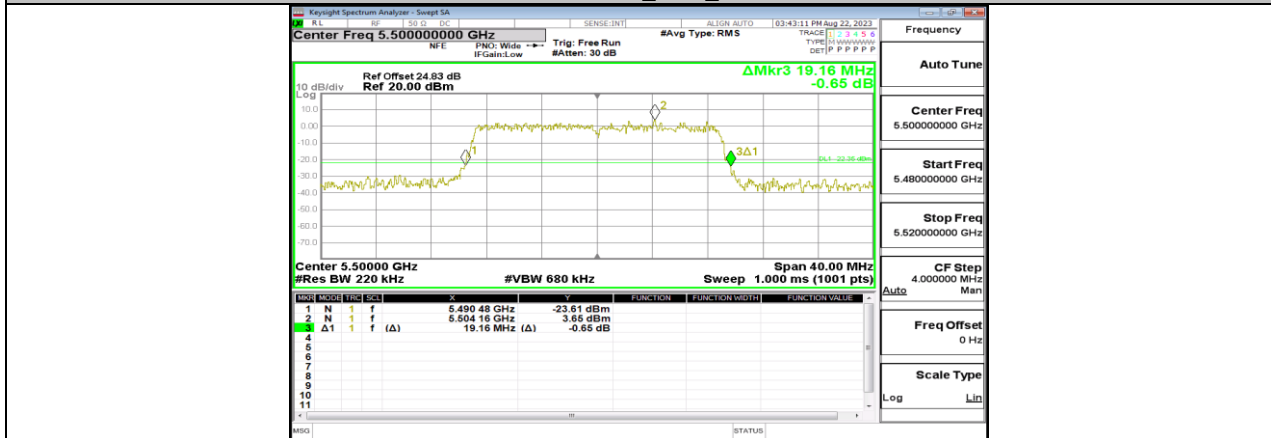
11N20MIMO\_Ant1\_5280



11N20MIMO\_Ant0\_5320



11N20MIMO\_Ant1\_5320



11N20MIMO\_Ant0\_5500