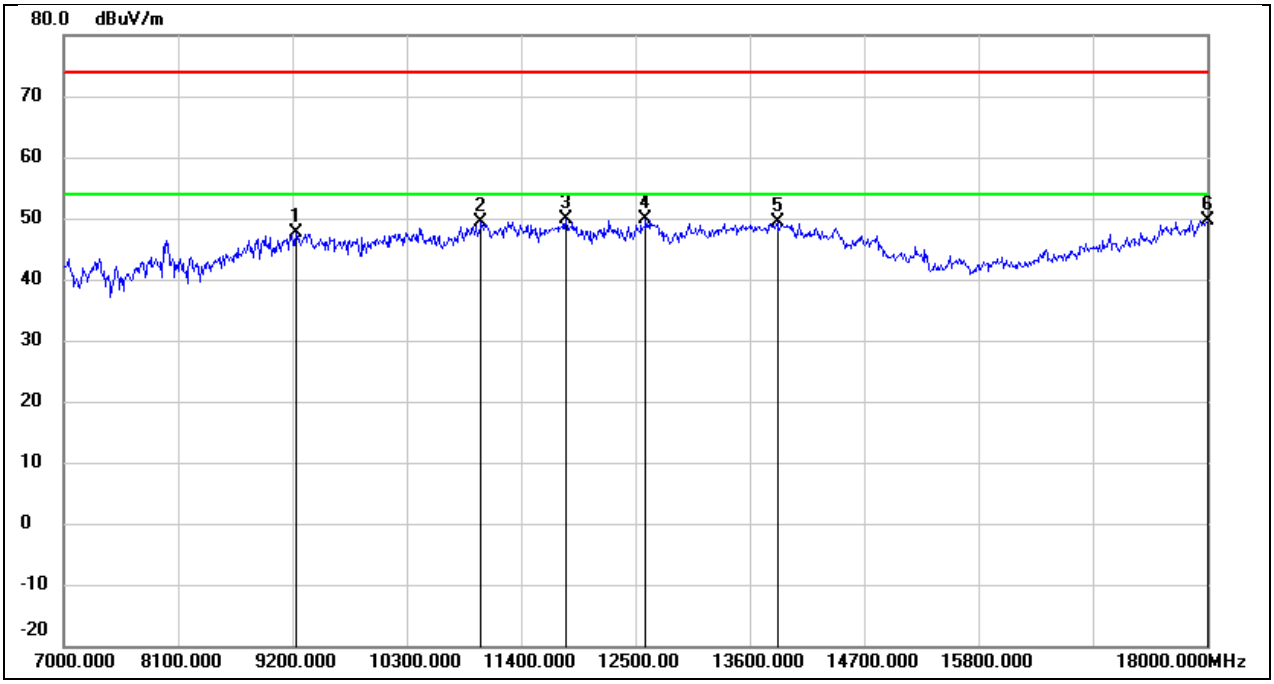
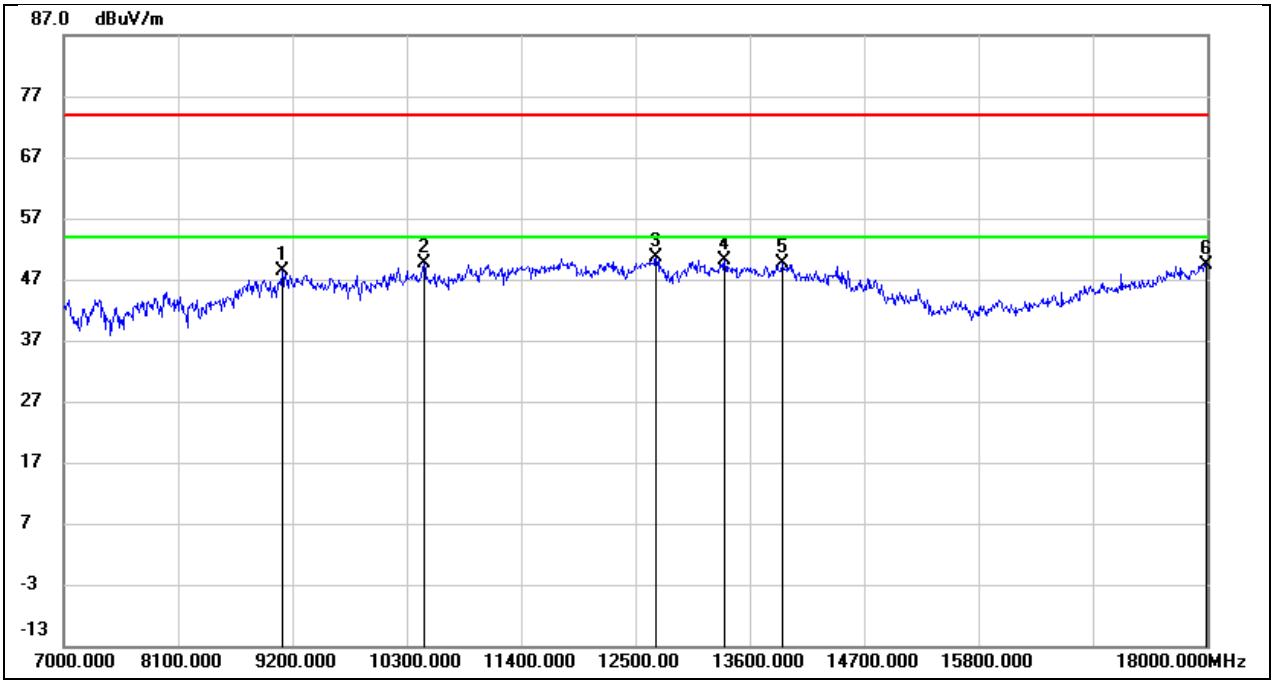
Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 3.3V



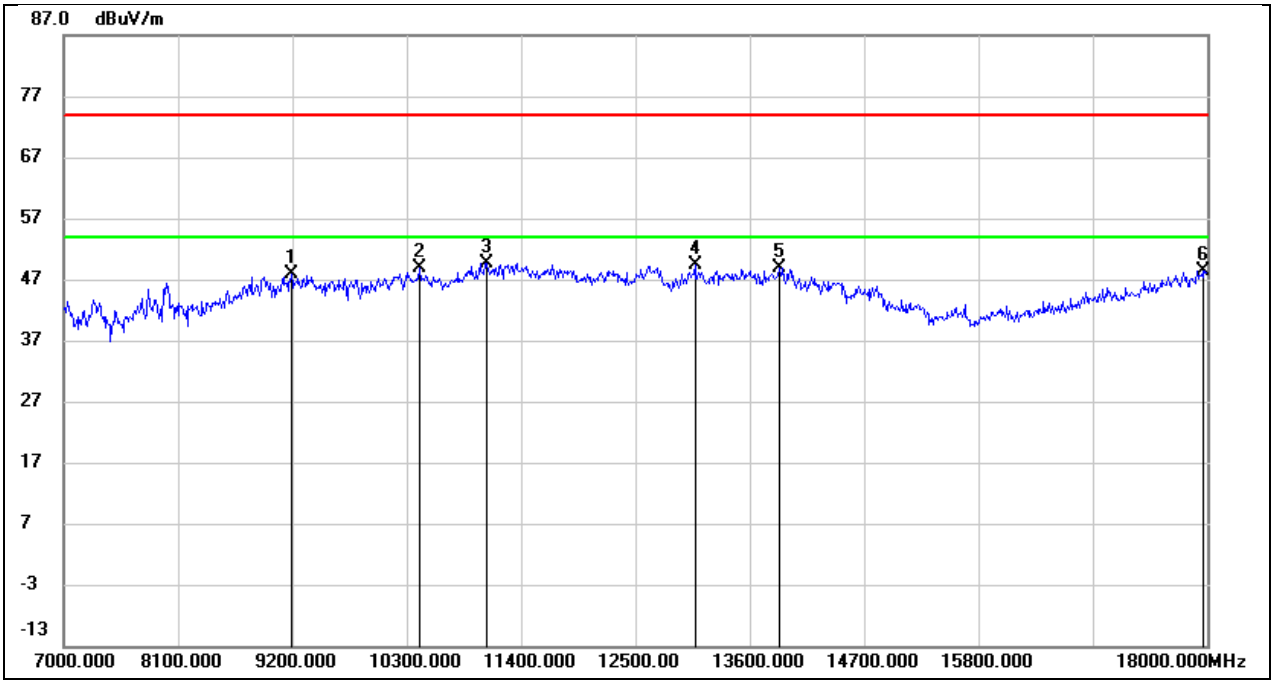
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	37.03	10.48	47.51	74.00	-26.49	peak
2	11015.000	34.66	14.79	49.45	74.00	-24.55	peak
3	11829.000	32.59	17.38	49.97	74.00	-24.03	peak
4	12599.000	31.87	17.95	49.82	74.00	-24.18	peak
5	13864.000	27.75	21.53	49.28	74.00	-24.72	peak
6	18000.000	23.57	26.12	49.69	74.00	-24.31	peak

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



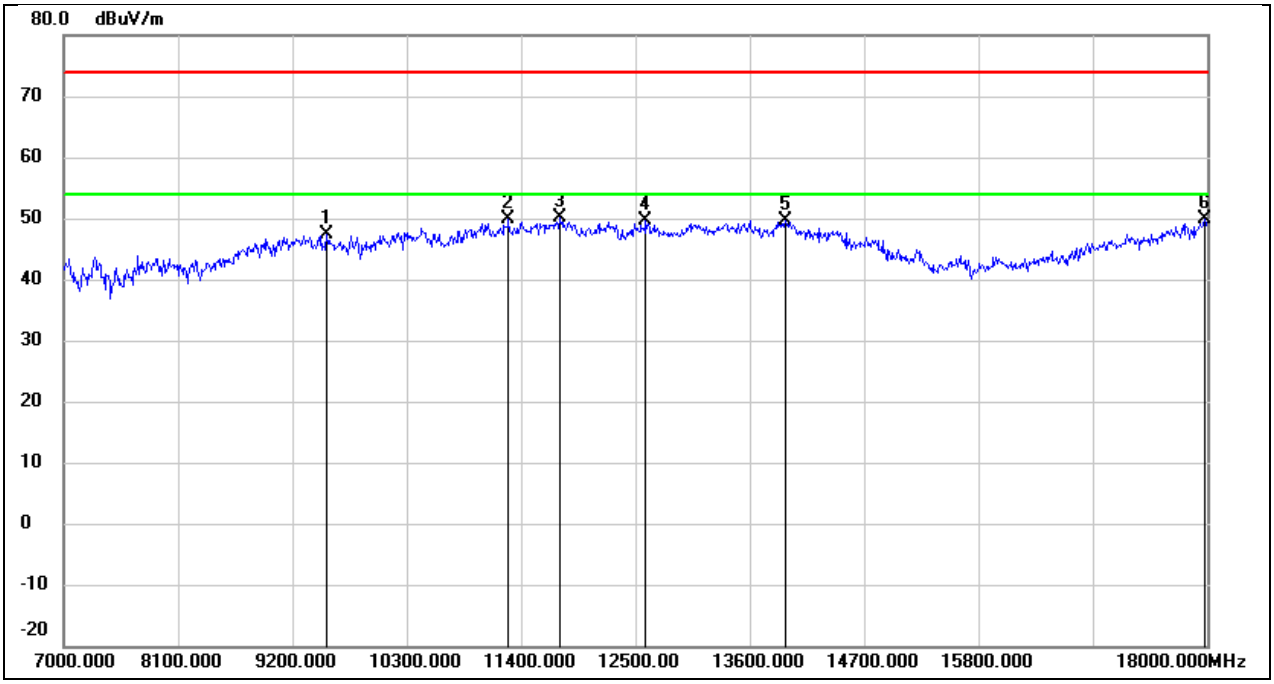
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9101.000	37.89	10.40	48.29	74.00	-25.71	peak
2	10465.000	36.87	12.75	49.62	74.00	-24.38	peak
3	12698.000	32.57	18.08	50.65	74.00	-23.35	peak
4	13358.000	30.03	20.02	50.05	74.00	-23.95	peak
5	13919.000	27.92	21.68	49.60	74.00	-24.40	peak
6	17989.000	23.37	26.04	49.41	74.00	-24.59	peak

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



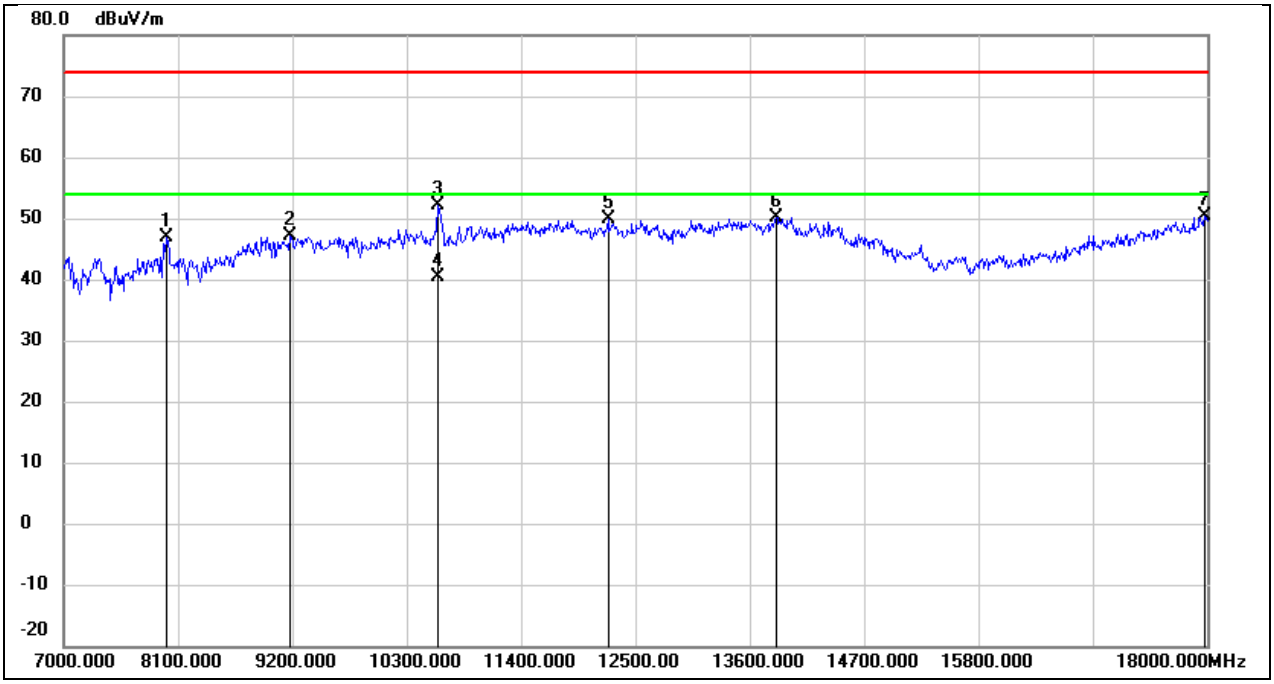
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	37.30	10.46	47.76	74.00	-26.24	peak
2	10421.000	36.14	12.66	48.80	74.00	-25.20	peak
3	11070.000	34.71	15.01	49.72	74.00	-24.28	peak
4	13072.000	30.52	18.77	49.29	74.00	-24.71	peak
5	13886.000	27.38	21.60	48.98	74.00	-25.02	peak
6	17956.000	22.58	25.82	48.40	74.00	-25.60	peak

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



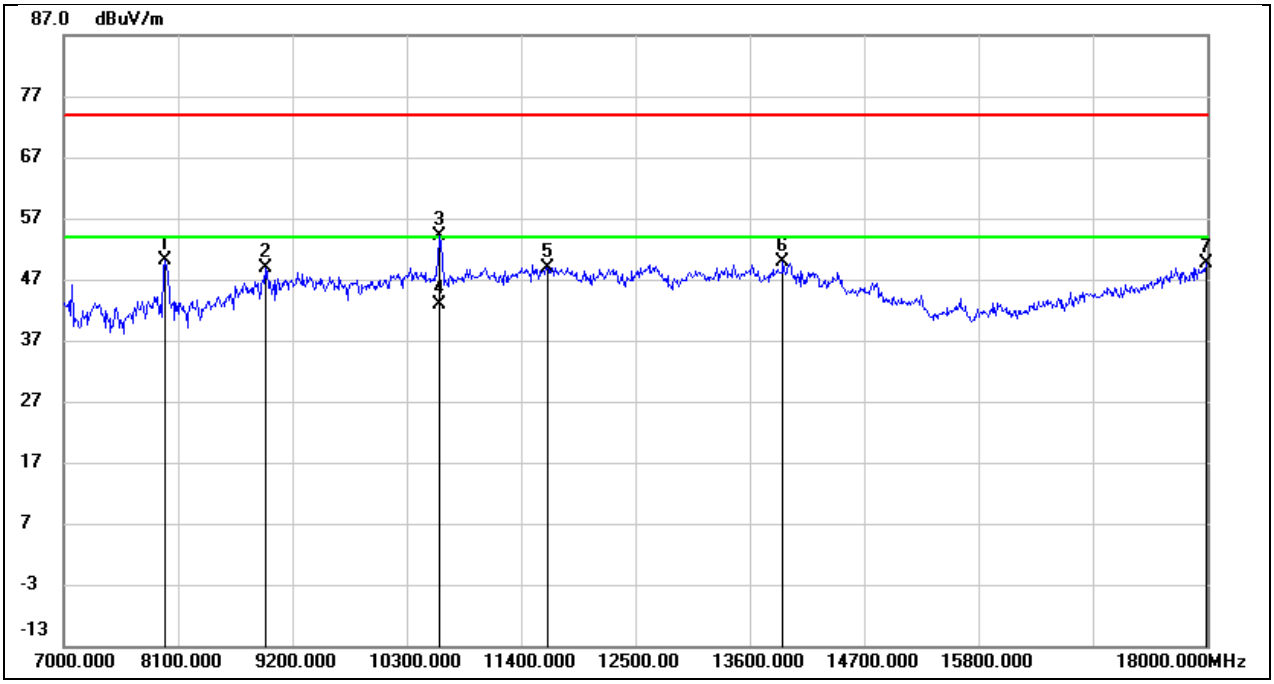
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9530.000	36.71	10.72	47.43	74.00	-26.57	peak
2	11279.000	34.04	15.86	49.90	74.00	-24.10	peak
3	11774.000	32.87	17.28	50.15	74.00	-23.85	peak
4	12599.000	31.70	17.95	49.65	74.00	-24.35	peak
5	13941.000	27.95	21.73	49.68	74.00	-24.32	peak
6	17978.000	23.92	25.97	49.89	74.00	-24.11	peak

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



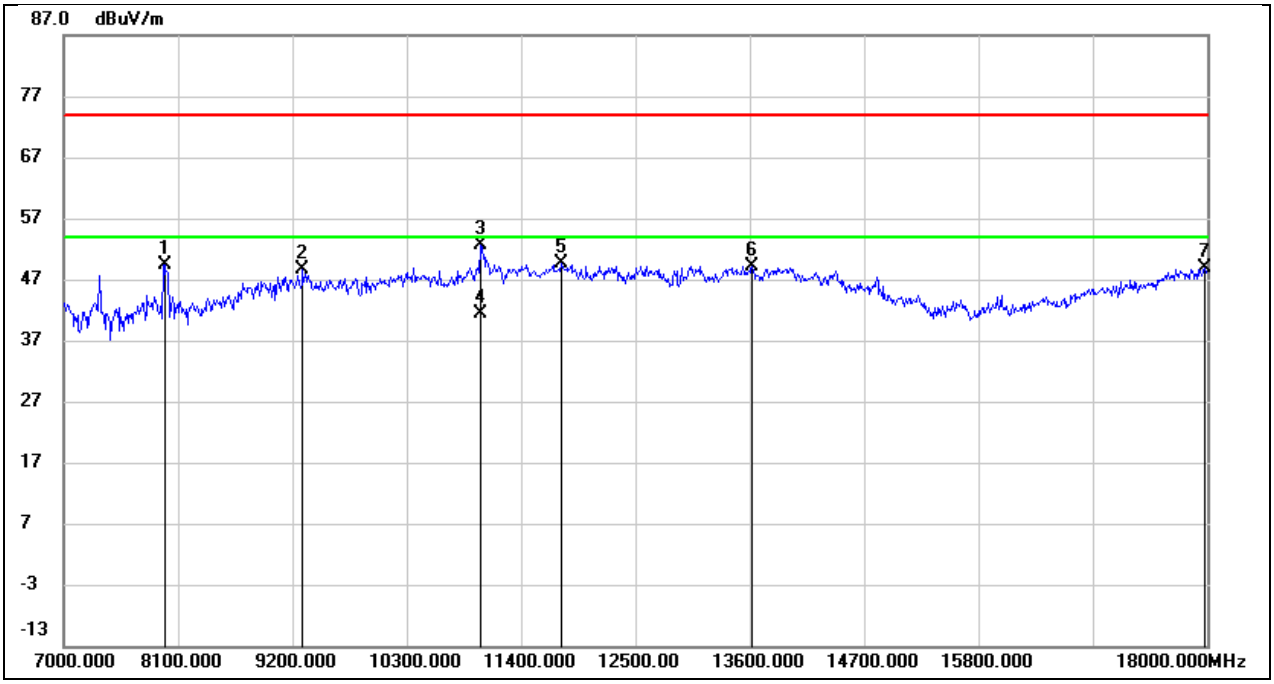
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7990.000	40.34	6.43	46.77	74.00	-27.23	peak
2	9178.000	36.72	10.45	47.17	74.00	-26.83	peak
3	10597.000	38.99	13.19	52.18	74.00	-21.82	peak
4	10597.000	27.15	13.19	40.34	54.00	-13.66	AVG
5	12236.000	32.07	17.76	49.83	74.00	-24.17	peak
6	13853.000	28.66	21.52	50.18	74.00	-23.82	peak
7	17978.000	24.33	25.97	50.30	74.00	-23.70	peak

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



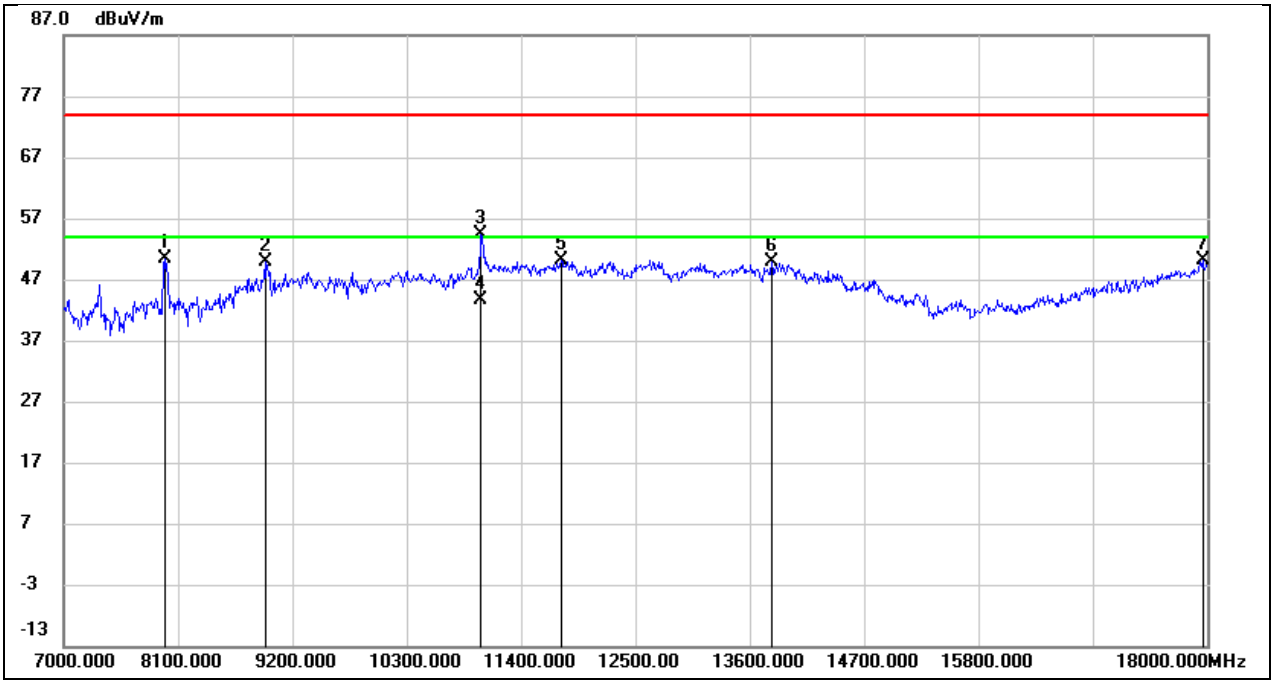
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	43.58	6.45	50.03	74.00	-23.97	peak
2	8936.000	39.00	9.90	48.90	74.00	-25.10	peak
3	10608.000	40.99	13.23	54.22	74.00	-19.78	peak
4	10608.000	29.67	13.23	42.90	54.00	-11.10	AVG
5	11653.000	31.95	17.05	49.00	74.00	-25.00	peak
6	13919.000	28.17	21.68	49.85	74.00	-24.15	peak
7	17989.000	23.58	26.04	49.62	74.00	-24.38	peak

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



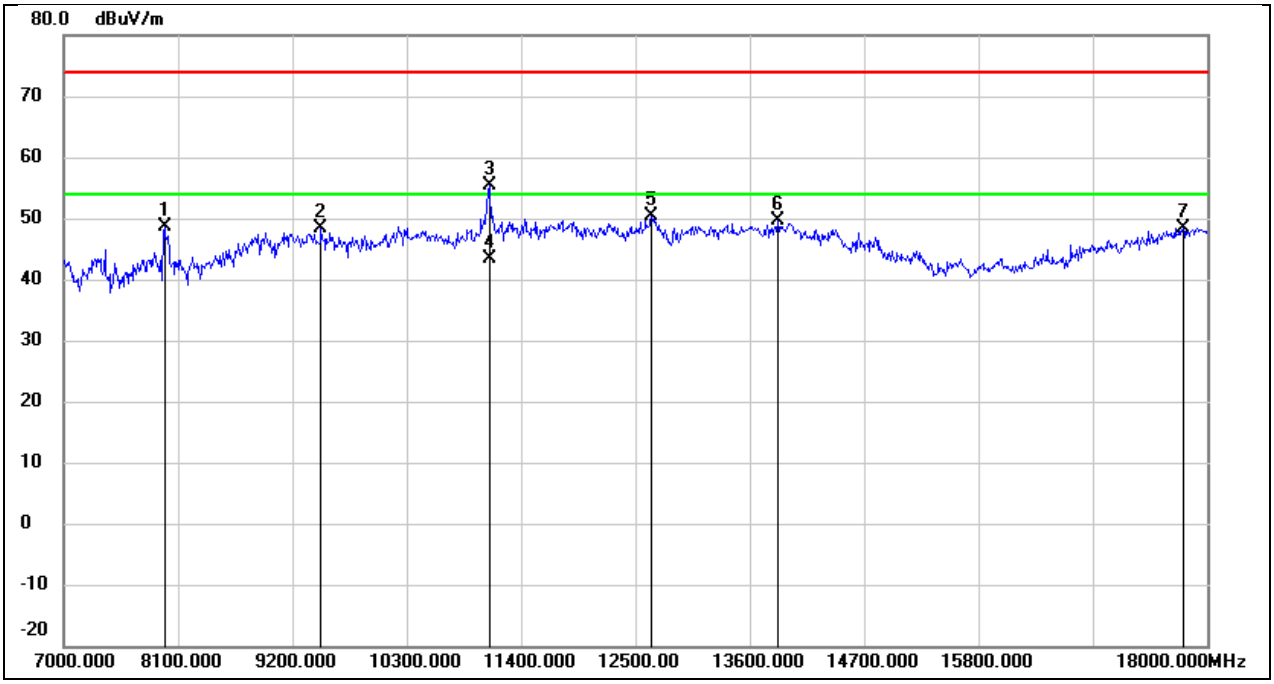
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	42.97	6.45	49.42	74.00	-24.58	peak
2	9299.000	38.10	10.53	48.63	74.00	-25.37	peak
3	11015.000	37.94	14.79	52.73	74.00	-21.27	peak
4	11015.000	26.71	14.79	41.50	54.00	-12.50	AVG
5	11785.000	32.42	17.30	49.72	74.00	-24.28	peak
6	13622.000	28.24	20.95	49.19	74.00	-24.81	peak
7	17978.000	22.92	25.97	48.89	74.00	-25.11	peak

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



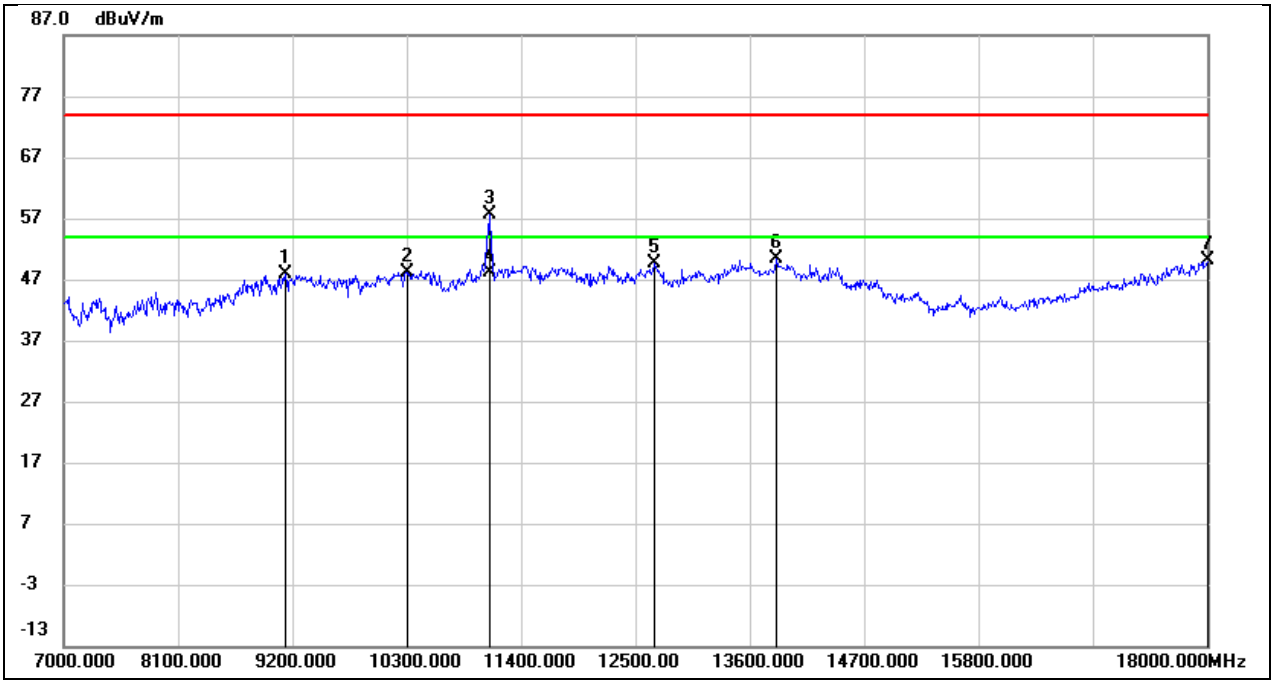
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	43.91	6.45	50.36	74.00	-23.64	peak
2	8936.000	40.00	9.90	49.90	74.00	-24.10	peak
3	11015.000	39.55	14.79	54.34	74.00	-19.66	peak
4	11015.000	28.81	14.79	43.60	54.00	-10.40	AVG
5	11785.000	32.78	17.30	50.08	74.00	-23.92	peak
6	13809.000	28.39	21.41	49.80	74.00	-24.20	peak
7	17956.000	24.38	25.82	50.20	74.00	-23.80	peak

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



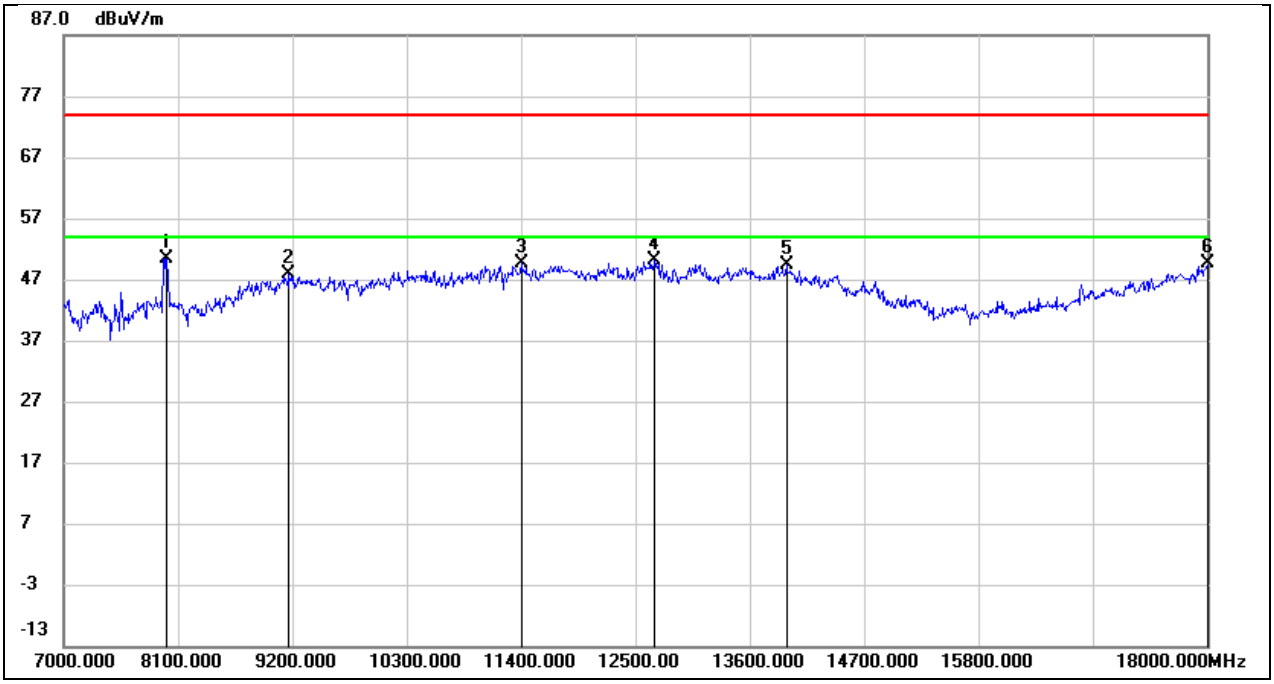
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	42.07	6.45	48.52	74.00	-25.48	peak
2	9475.000	37.69	10.64	48.33	74.00	-25.67	peak
3	11092.000	40.35	15.10	55.45	74.00	-18.55	peak
4	11092.000	28.40	15.10	43.50	54.00	-10.50	AVG
5	12654.000	32.37	18.01	50.38	74.00	-23.62	peak
6	13864.000	28.17	21.53	49.70	74.00	-24.30	peak
7	17769.000	23.82	24.53	48.35	74.00	-25.65	peak

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



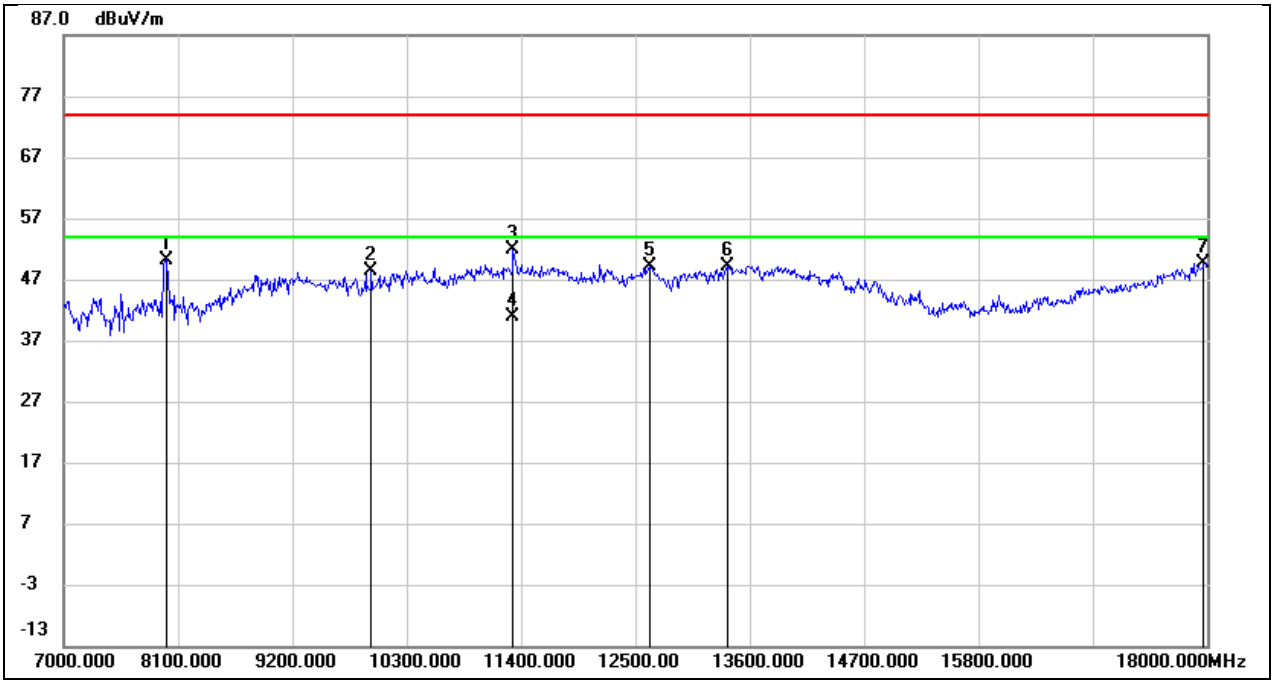
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	37.43	10.41	47.84	74.00	-26.16	peak
2	10300.000	35.71	12.40	48.11	74.00	-25.89	peak
3	11092.000	42.53	15.10	57.63	74.00	-16.37	peak
4	11092.000	33.03	15.10	48.13	54.00	-5.87	AVG
5	12687.000	31.47	18.05	49.52	74.00	-24.48	peak
6	13853.000	28.79	21.52	50.31	74.00	-23.69	peak
7	18000.000	24.12	26.12	50.24	74.00	-23.76	peak

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



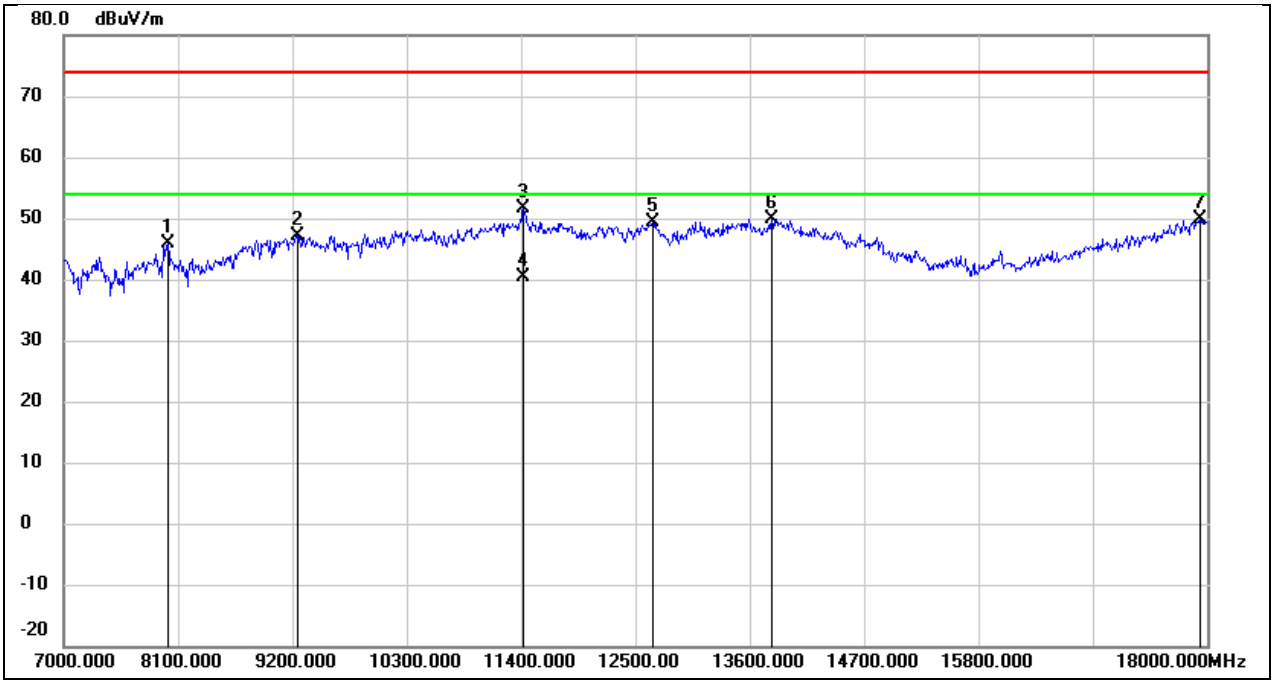
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7990.000	43.92	6.43	50.35	74.00	-23.65	peak
2	9167.000	37.44	10.45	47.89	74.00	-26.11	peak
3	11400.000	33.22	16.36	49.58	74.00	-24.42	peak
4	12687.000	31.97	18.05	50.02	74.00	-23.98	peak
5	13952.000	27.50	21.76	49.26	74.00	-24.74	peak
6	18000.000	23.46	26.12	49.58	74.00	-24.42	peak

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



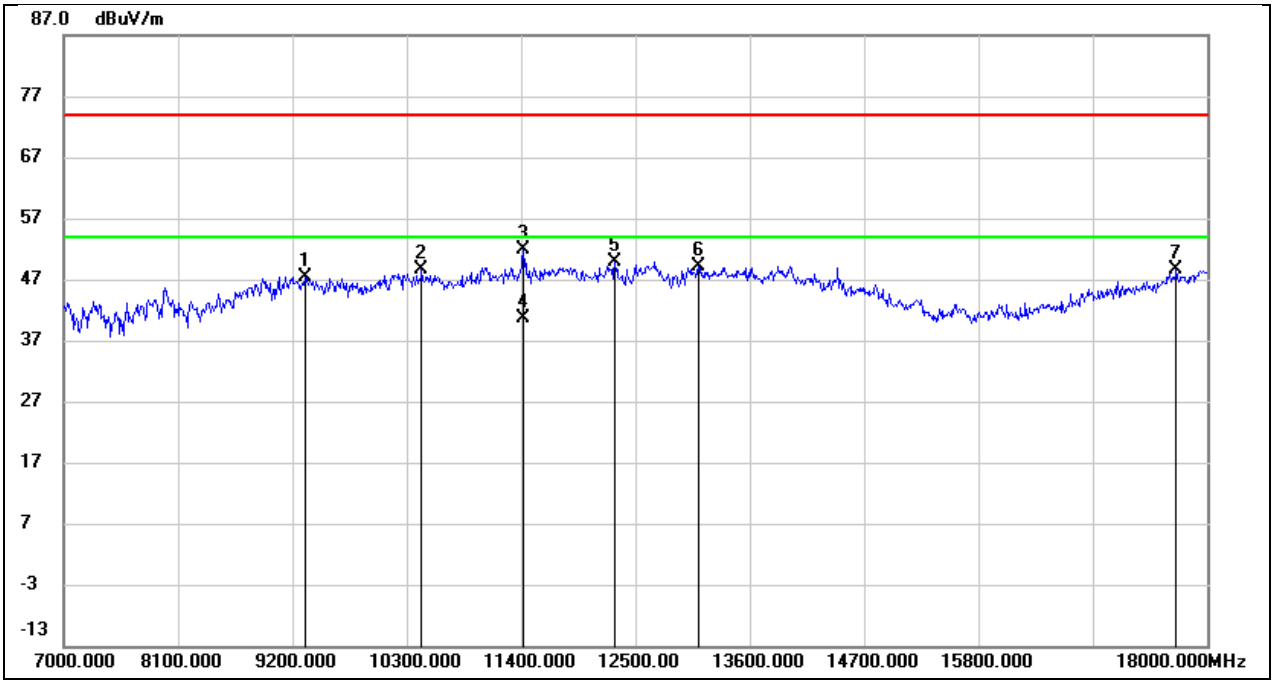
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7990.000	43.76	6.43	50.19	74.00	-23.81	peak
2	9959.000	36.77	11.68	48.45	74.00	-25.55	peak
3	11323.000	35.83	16.05	51.88	74.00	-22.12	peak
4	11323.000	24.87	16.05	40.92	54.00	-13.08	AVG
5	12643.000	31.00	18.01	49.01	74.00	-24.99	peak
6	13380.000	29.13	20.12	49.25	74.00	-24.75	peak
7	17967.000	23.82	25.89	49.71	74.00	-24.29	peak

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



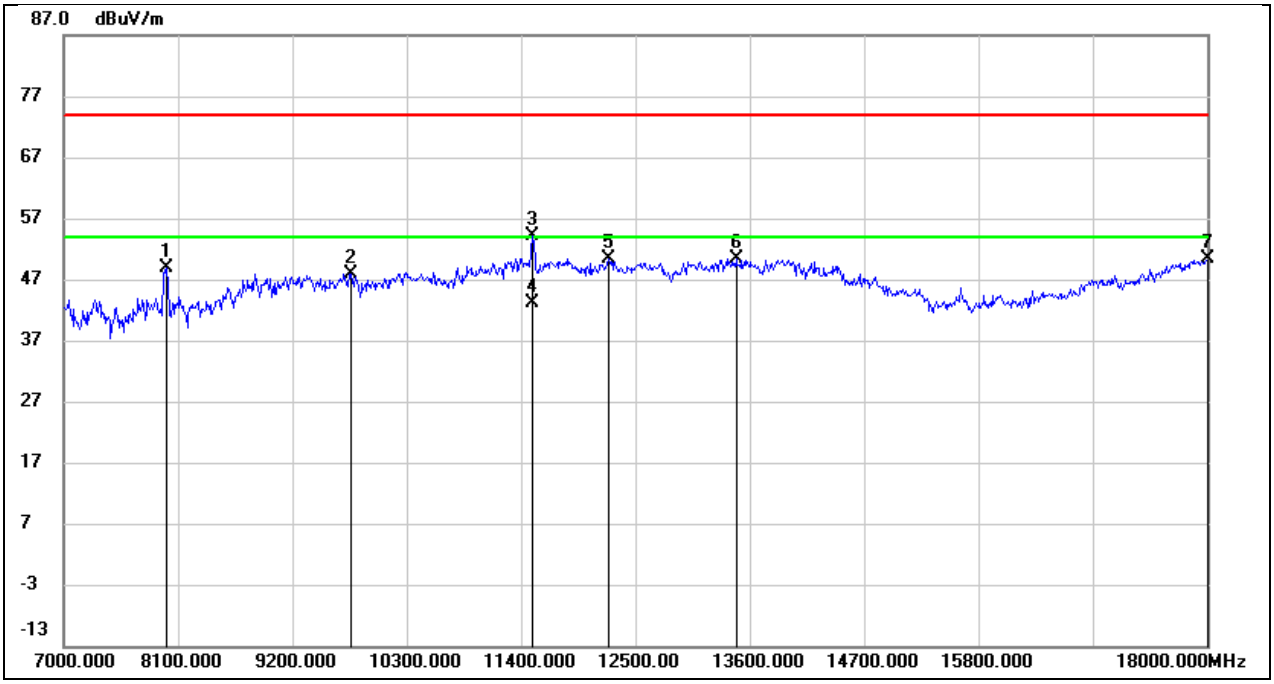
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8001.000	39.42	6.43	45.85	74.00	-28.15	peak
2	9244.000	36.75	10.49	47.24	74.00	-26.76	peak
3	11422.000	35.06	16.46	51.52	74.00	-22.48	peak
4	11422.000	23.84	16.46	40.30	54.00	-13.70	AVG
5	12665.000	31.33	18.04	49.37	74.00	-24.63	peak
6	13809.000	28.54	21.41	49.95	74.00	-24.05	peak
7	17934.000	24.21	25.67	49.88	74.00	-24.12	peak

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



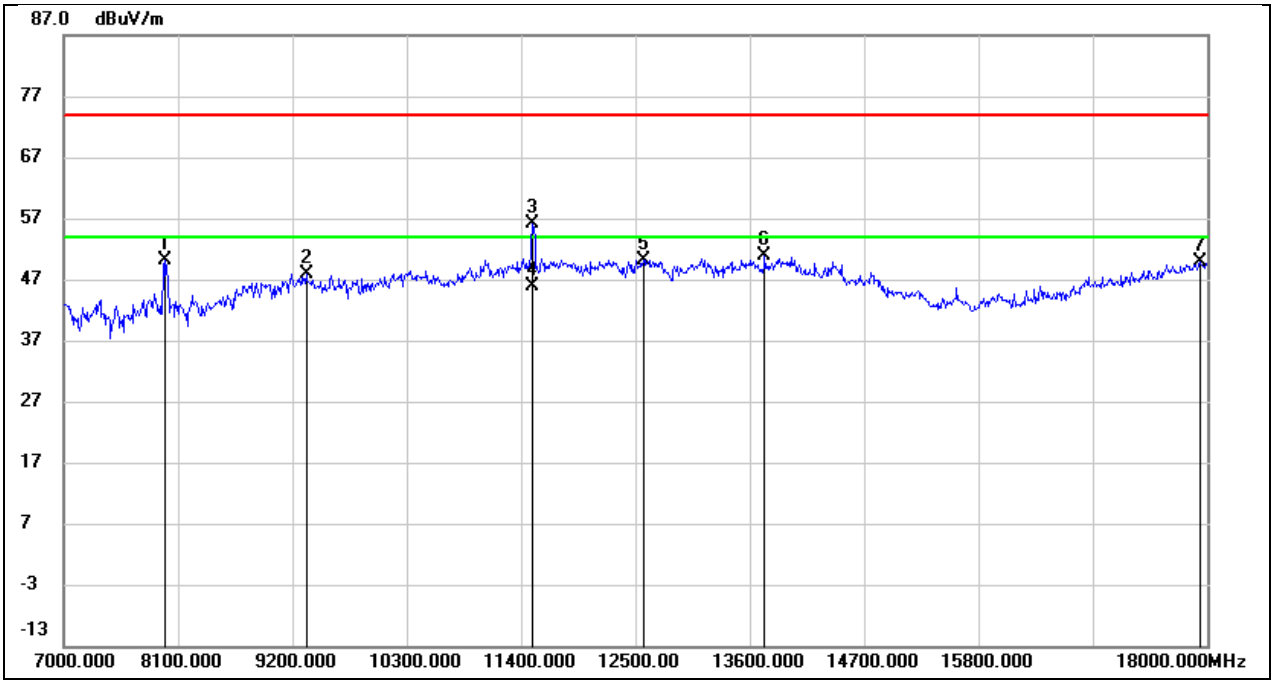
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9321.000	36.90	10.53	47.43	74.00	-26.57	peak
2	10443.000	36.00	12.70	48.70	74.00	-25.30	peak
3	11422.000	35.32	16.46	51.78	74.00	-22.22	peak
4	11422.000	24.29	16.46	40.75	54.00	-13.25	AVG
5	12302.000	32.21	17.78	49.99	74.00	-24.01	peak
6	13105.000	30.25	18.91	49.16	74.00	-24.84	peak
7	17703.000	24.46	24.09	48.55	74.00	-25.45	peak

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



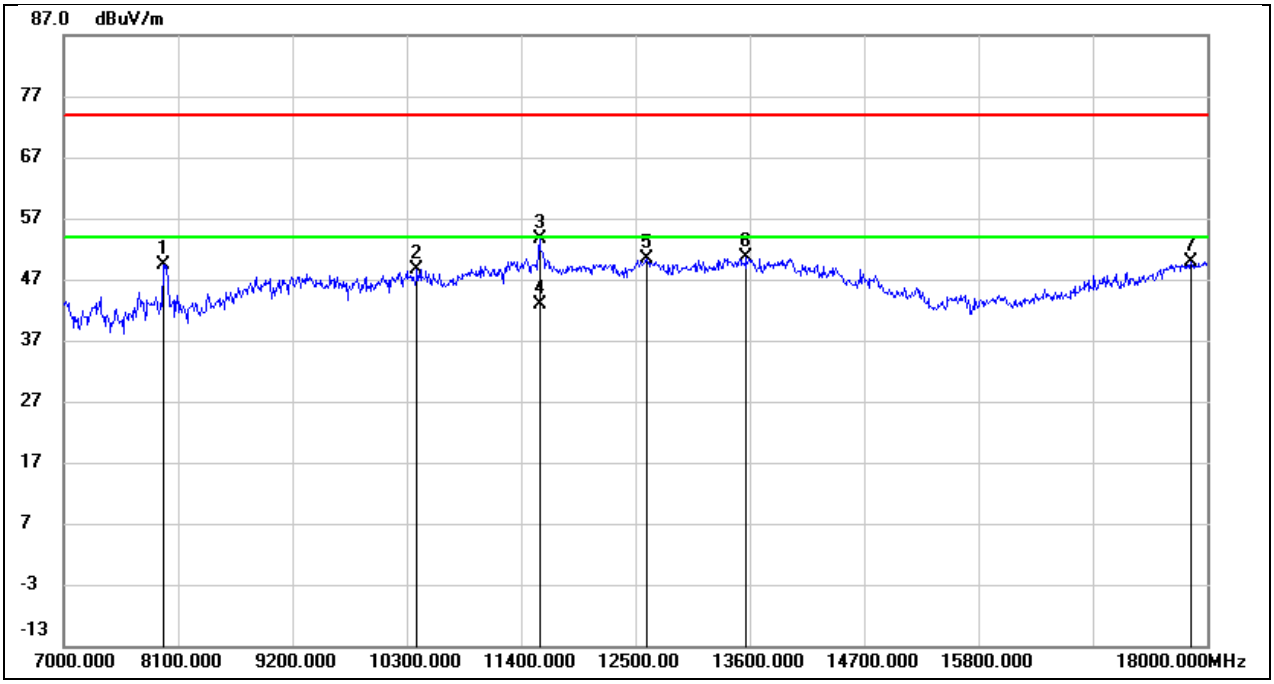
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7990.000	42.49	6.43	48.92	74.00	-25.08	peak
2	9761.000	36.76	11.23	47.99	74.00	-26.01	peak
3	11510.000	37.29	16.79	54.08	74.00	-19.92	peak
4	11510.000	26.40	16.79	43.19	54.00	-10.81	AVG
5	12247.000	32.49	17.77	50.26	74.00	-23.74	peak
6	13468.000	29.91	20.50	50.41	74.00	-23.59	peak
7	18000.000	24.31	26.12	50.43	74.00	-23.57	peak

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



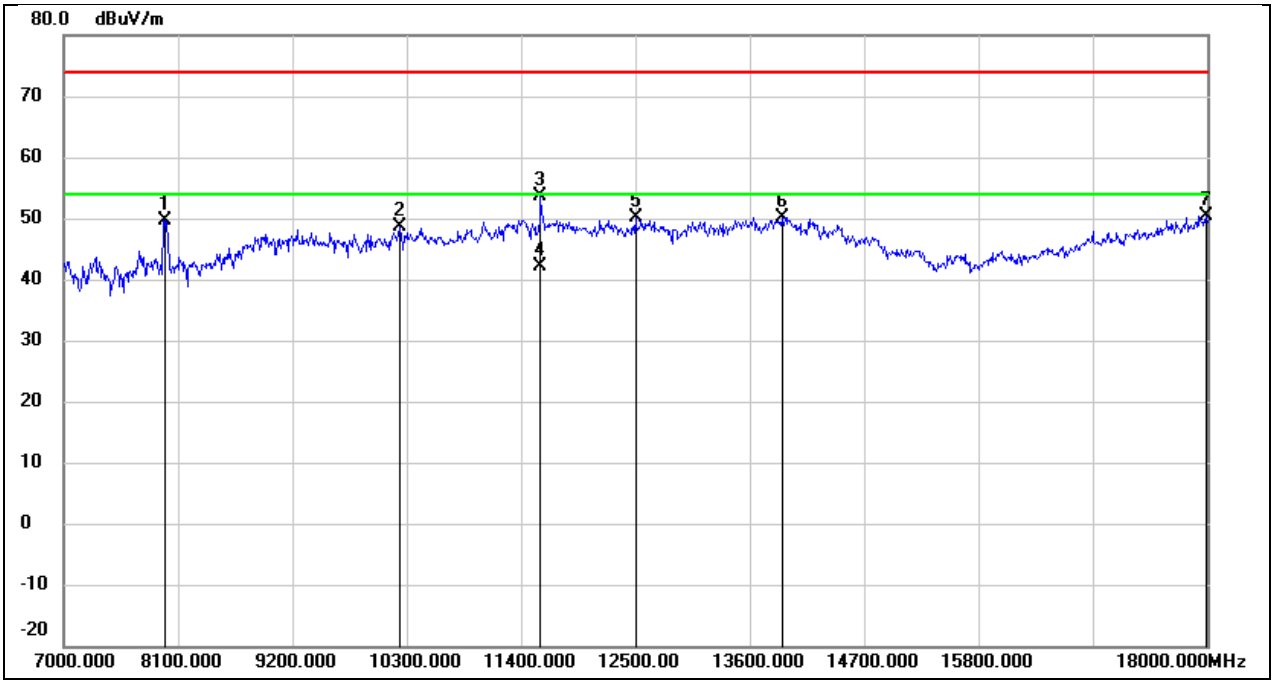
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	43.57	6.45	50.02	74.00	-23.98	peak
2	9332.000	37.34	10.54	47.88	74.00	-26.12	peak
3	11510.000	39.39	16.79	56.18	74.00	-17.82	peak
4	11510.000	29.03	16.79	45.82	54.00	-8.18	AVG
5	12577.000	32.29	17.93	50.22	74.00	-23.78	peak
6	13743.000	29.58	21.24	50.82	74.00	-23.18	peak
7	17934.000	24.11	25.67	49.78	74.00	-24.22	peak

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



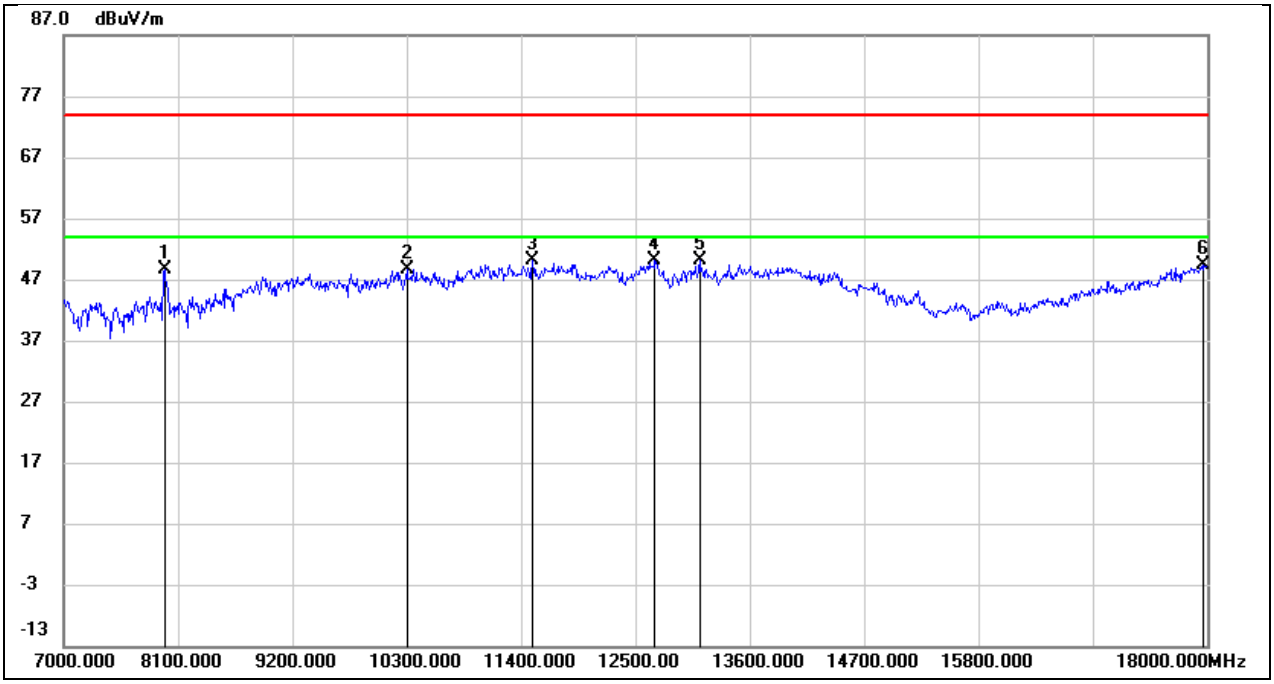
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7957.000	42.85	6.46	49.31	74.00	-24.69	peak
2	10399.000	36.08	12.61	48.69	74.00	-25.31	peak
3	11576.000	36.70	16.91	53.61	74.00	-20.39	peak
4	11576.000	25.90	16.91	42.81	54.00	-11.19	AVG
5	12610.000	32.29	17.97	50.26	74.00	-23.74	peak
6	13567.000	29.79	20.80	50.59	74.00	-23.41	peak
7	17846.000	24.75	25.08	49.83	74.00	-24.17	peak

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



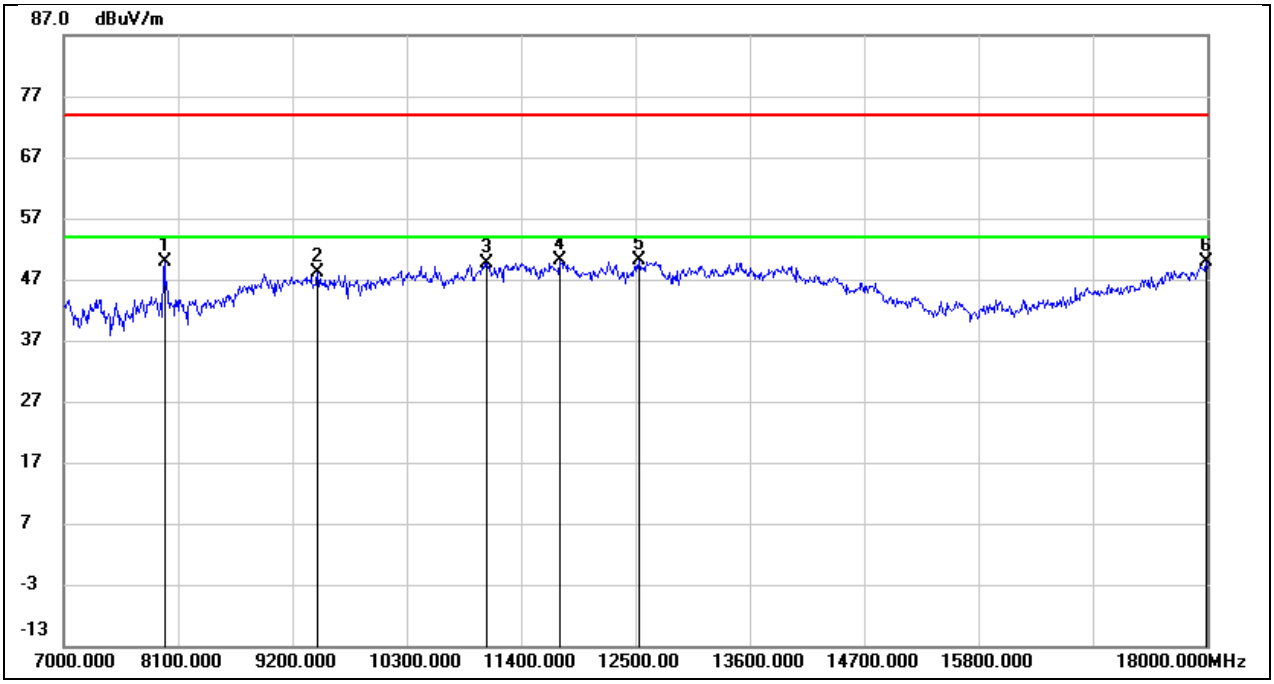
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	43.26	6.45	49.71	74.00	-24.29	peak
2	10234.000	36.27	12.26	48.53	74.00	-25.47	peak
3	11587.000	36.81	16.93	53.74	74.00	-20.26	peak
4	11587.000	25.25	16.93	42.18	54.00	-11.82	AVG
5	12500.000	32.23	17.83	50.06	74.00	-23.94	peak
6	13908.000	28.50	21.66	50.16	74.00	-23.84	peak
7	17989.000	24.33	26.04	50.37	74.00	-23.63	peak

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



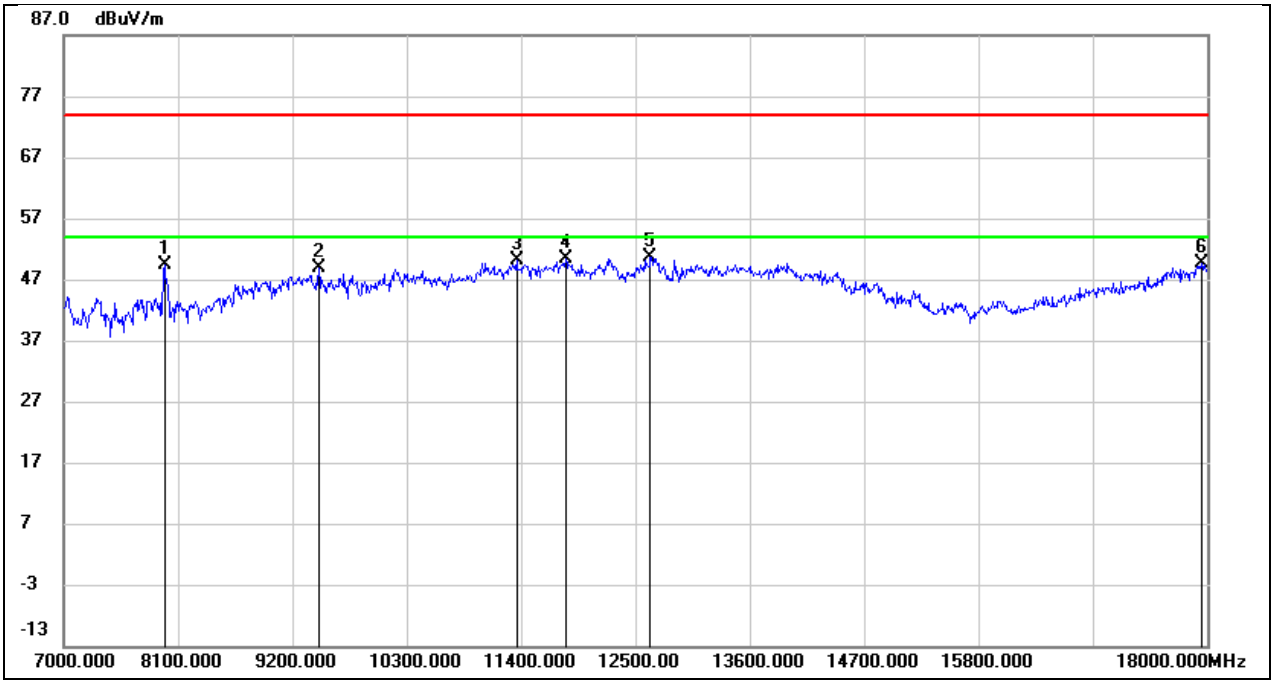
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	42.22	6.45	48.67	74.00	-25.33	peak
2	10300.000	36.24	12.40	48.64	74.00	-25.36	peak
3	11510.000	33.24	16.79	50.03	74.00	-23.97	peak
4	12687.000	32.07	18.05	50.12	74.00	-23.88	peak
5	13116.000	31.07	18.96	50.03	74.00	-23.97	peak
6	17967.000	23.45	25.89	49.34	74.00	-24.66	peak

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



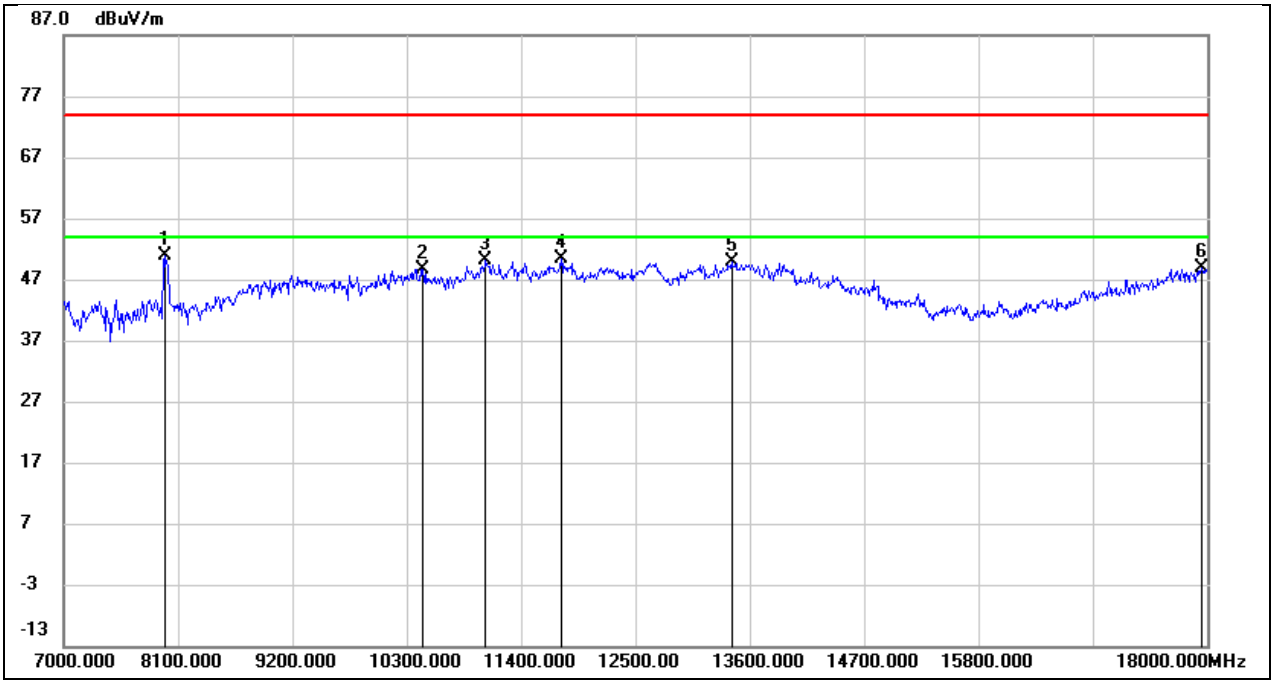
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	43.43	6.45	49.88	74.00	-24.12	peak
2	9442.000	37.42	10.61	48.03	74.00	-25.97	peak
3	11070.000	34.71	15.01	49.72	74.00	-24.28	peak
4	11774.000	32.79	17.28	50.07	74.00	-23.93	peak
5	12533.000	32.21	17.87	50.08	74.00	-23.92	peak
6	17989.000	23.79	26.04	49.83	74.00	-24.17	peak

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



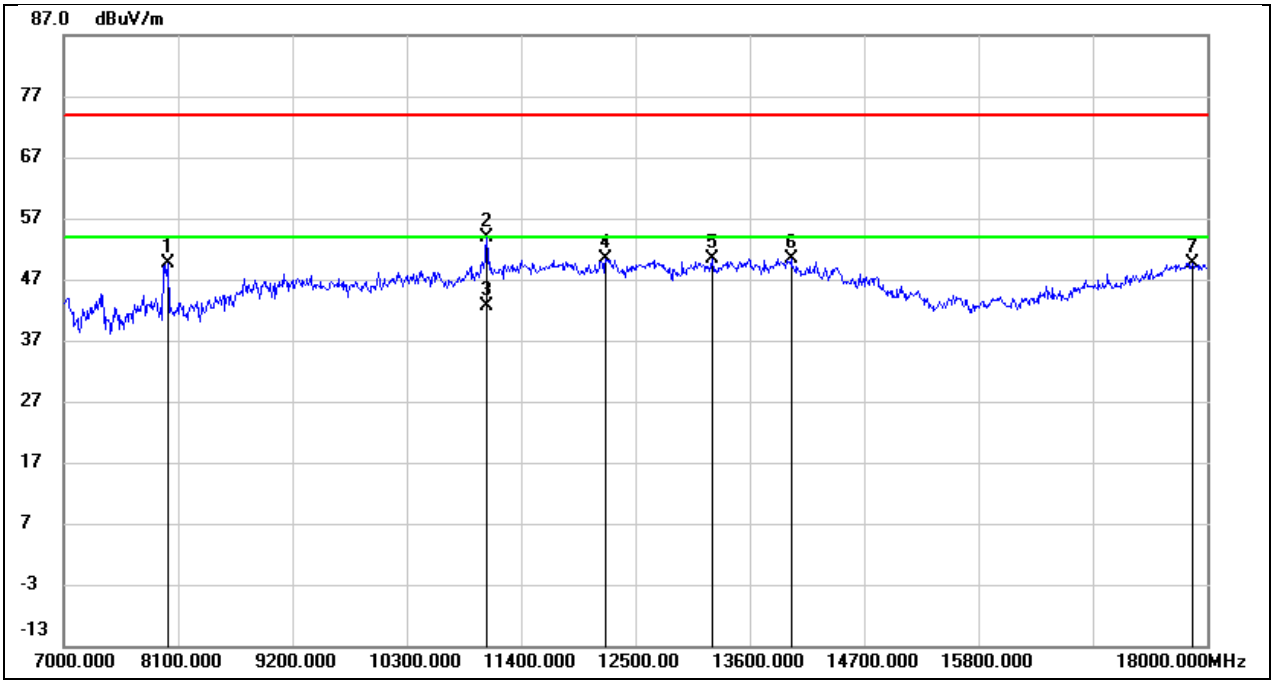
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	42.81	6.45	49.26	74.00	-24.74	peak
2	9453.000	38.27	10.61	48.88	74.00	-25.12	peak
3	11356.000	33.88	16.19	50.07	74.00	-23.93	peak
4	11829.000	33.07	17.38	50.45	74.00	-23.55	peak
5	12643.000	32.59	18.01	50.60	74.00	-23.40	peak
6	17945.000	23.83	25.75	49.58	74.00	-24.42	peak

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



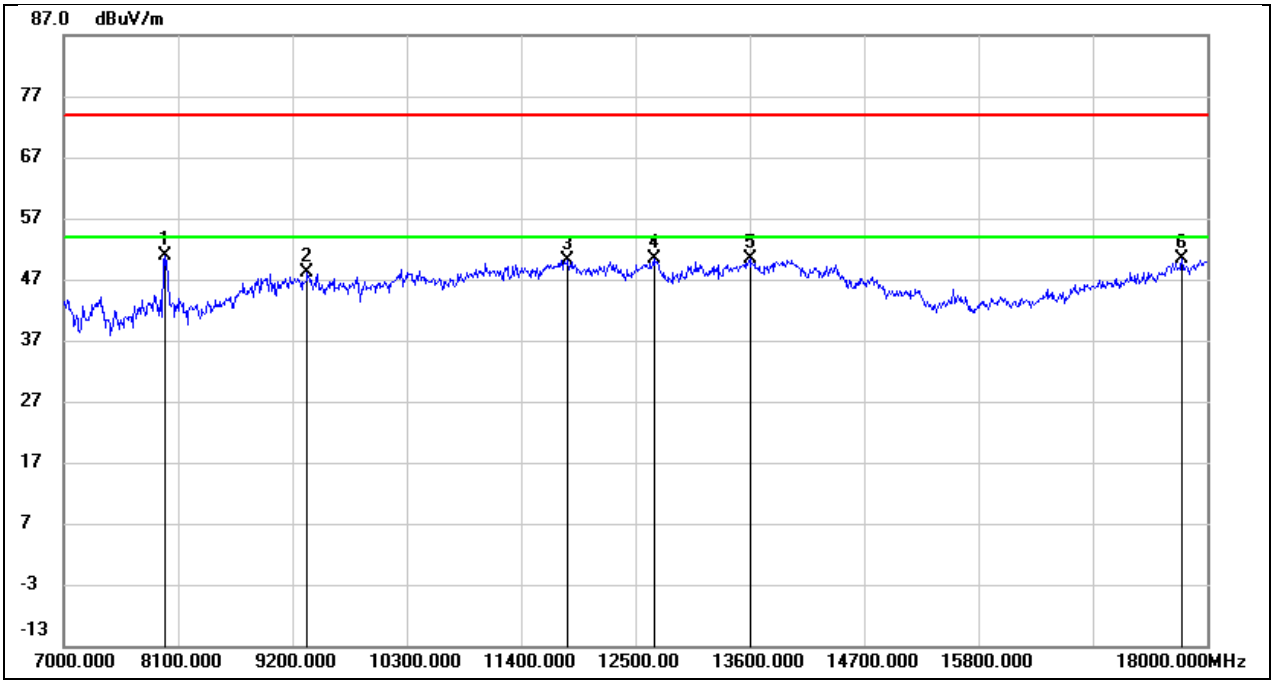
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	44.41	6.45	50.86	74.00	-23.14	peak
2	10454.000	35.98	12.73	48.71	74.00	-25.29	peak
3	11059.000	35.26	14.96	50.22	74.00	-23.78	peak
4	11785.000	33.07	17.30	50.37	74.00	-23.63	peak
5	13424.000	29.46	20.30	49.76	74.00	-24.24	peak
6	17945.000	23.10	25.75	48.85	74.00	-25.15	peak

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



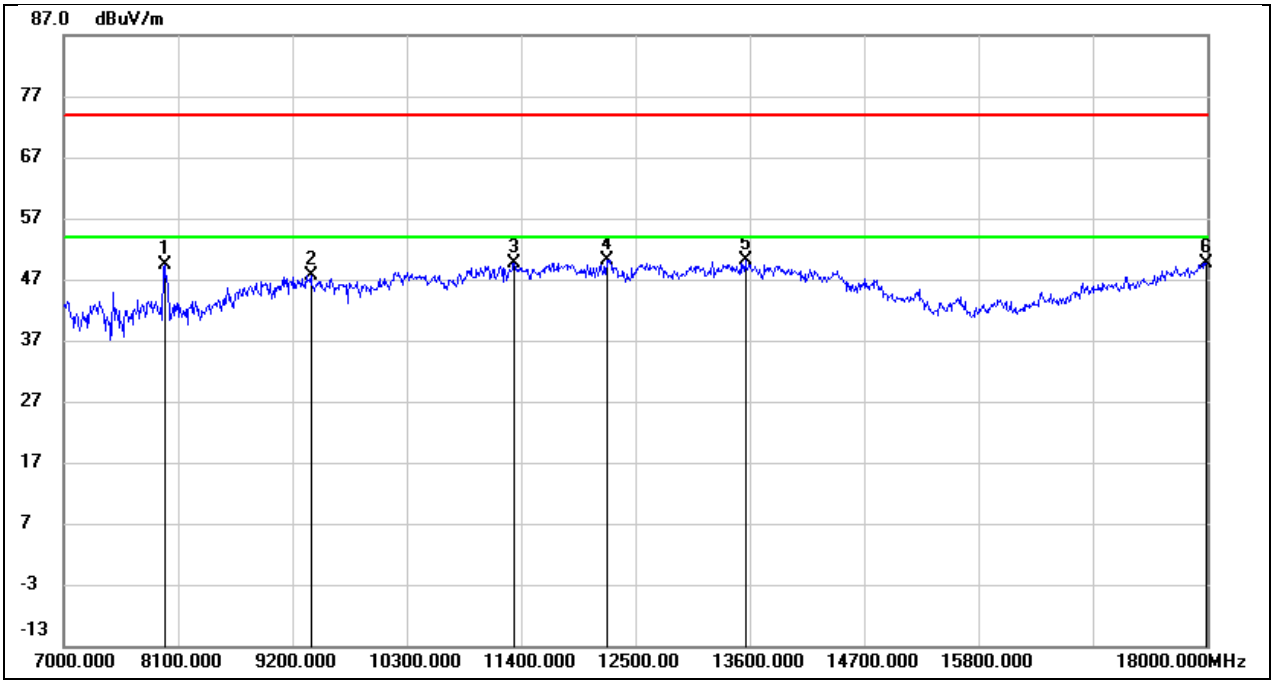
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8001.000	43.24	6.43	49.67	74.00	-24.33	peak
2	11070.000	38.80	15.01	53.81	74.00	-20.19	peak
3	11070.000	27.70	15.01	42.71	54.00	-11.29	AVG
4	12214.000	32.74	17.76	50.50	74.00	-23.50	peak
5	13237.000	30.85	19.49	50.34	74.00	-23.66	peak
6	13996.000	28.56	21.87	50.43	74.00	-23.57	peak
7	17857.000	24.59	25.14	49.73	74.00	-24.27	peak

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



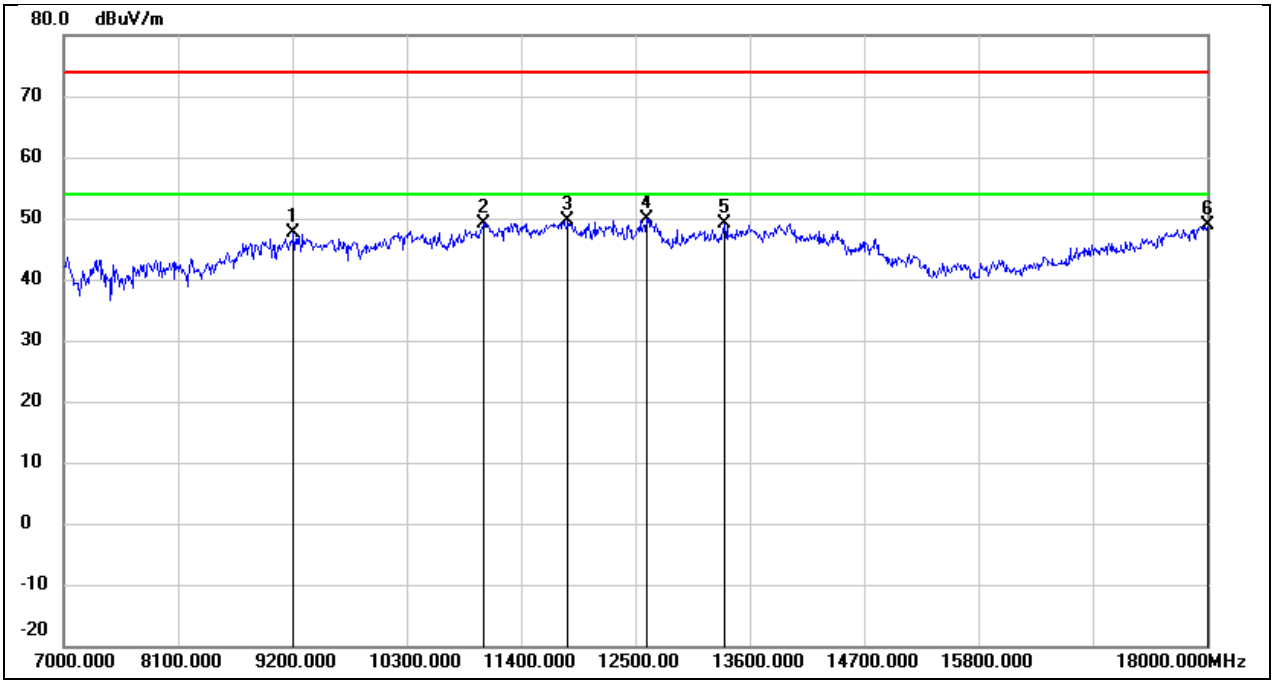
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	44.32	6.45	50.77	74.00	-23.23	peak
2	9343.000	37.50	10.55	48.05	74.00	-25.95	peak
3	11851.000	32.78	17.43	50.21	74.00	-23.79	peak
4	12676.000	32.40	18.05	50.45	74.00	-23.55	peak
5	13600.000	29.55	20.89	50.44	74.00	-23.56	peak
6	17758.000	25.85	24.46	50.31	74.00	-23.69	peak

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



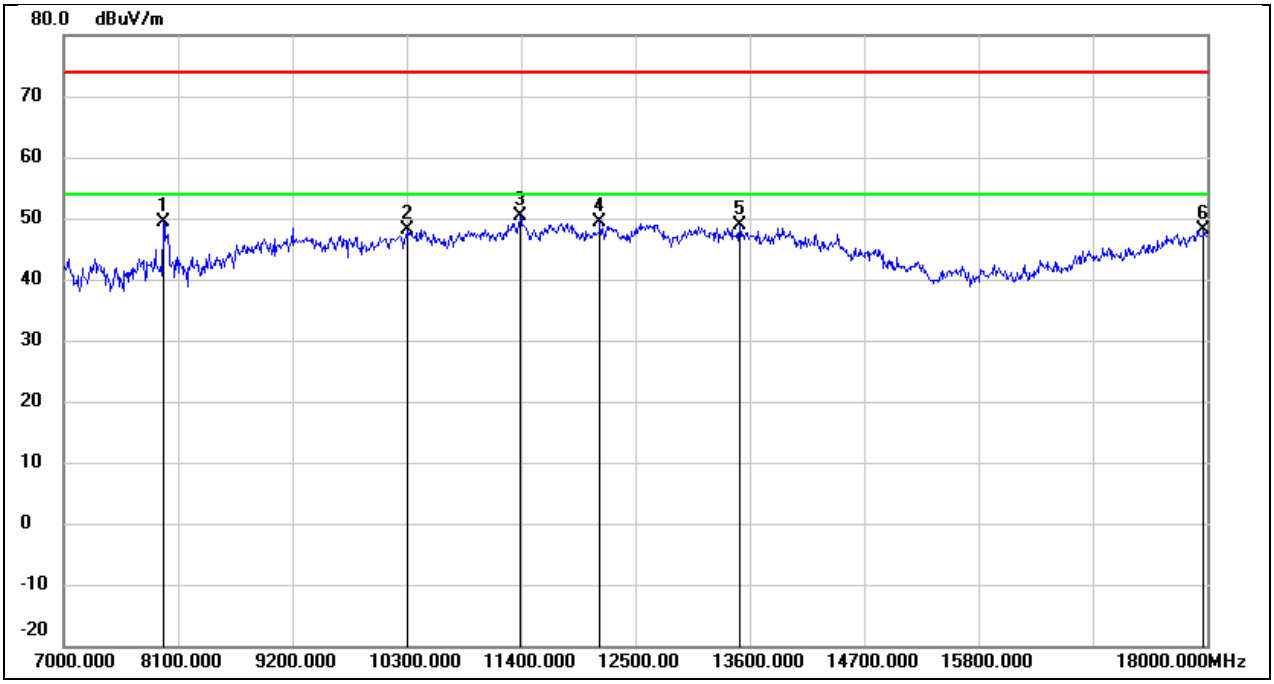
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	42.95	6.45	49.40	74.00	-24.60	peak
2	9376.000	37.07	10.58	47.65	74.00	-26.35	peak
3	11334.000	33.65	16.09	49.74	74.00	-24.26	peak
4	12225.000	32.48	17.75	50.23	74.00	-23.77	peak
5	13556.000	29.24	20.78	50.02	74.00	-23.98	peak
6	17989.000	23.63	26.04	49.67	74.00	-24.33	peak

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



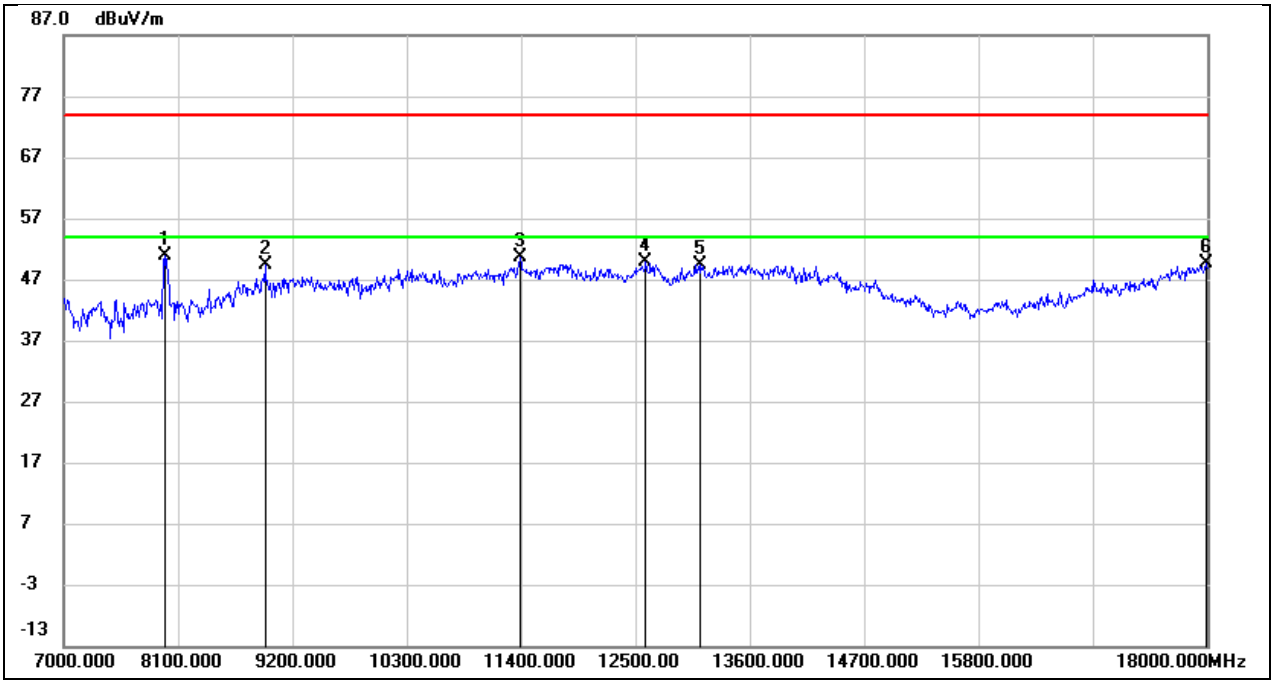
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9211.000	37.08	10.47	47.55	74.00	-26.45	peak
2	11037.000	34.24	14.87	49.11	74.00	-24.89	peak
3	11851.000	32.17	17.43	49.60	74.00	-24.40	peak
4	12610.000	31.98	17.97	49.95	74.00	-24.05	peak
5	13358.000	29.12	20.02	49.14	74.00	-24.86	peak
6	18000.000	22.64	26.12	48.76	74.00	-25.24	peak

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



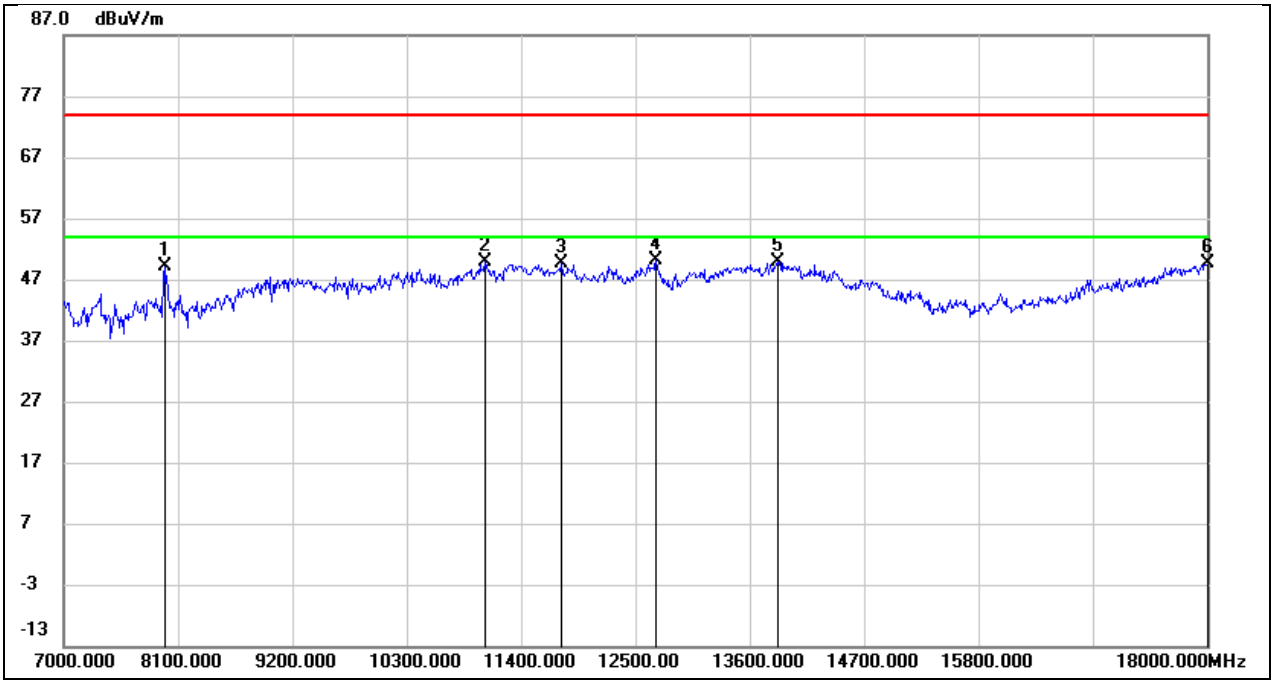
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7957.000	42.99	6.46	49.45	74.00	-24.55	peak
2	10300.000	35.83	12.40	48.23	74.00	-25.77	peak
3	11389.000	34.10	16.31	50.41	74.00	-23.59	peak
4	12159.000	31.55	17.73	49.28	74.00	-24.72	peak
5	13501.000	28.21	20.64	48.85	74.00	-25.15	peak
6	17967.000	22.20	25.89	48.09	74.00	-25.91	peak

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



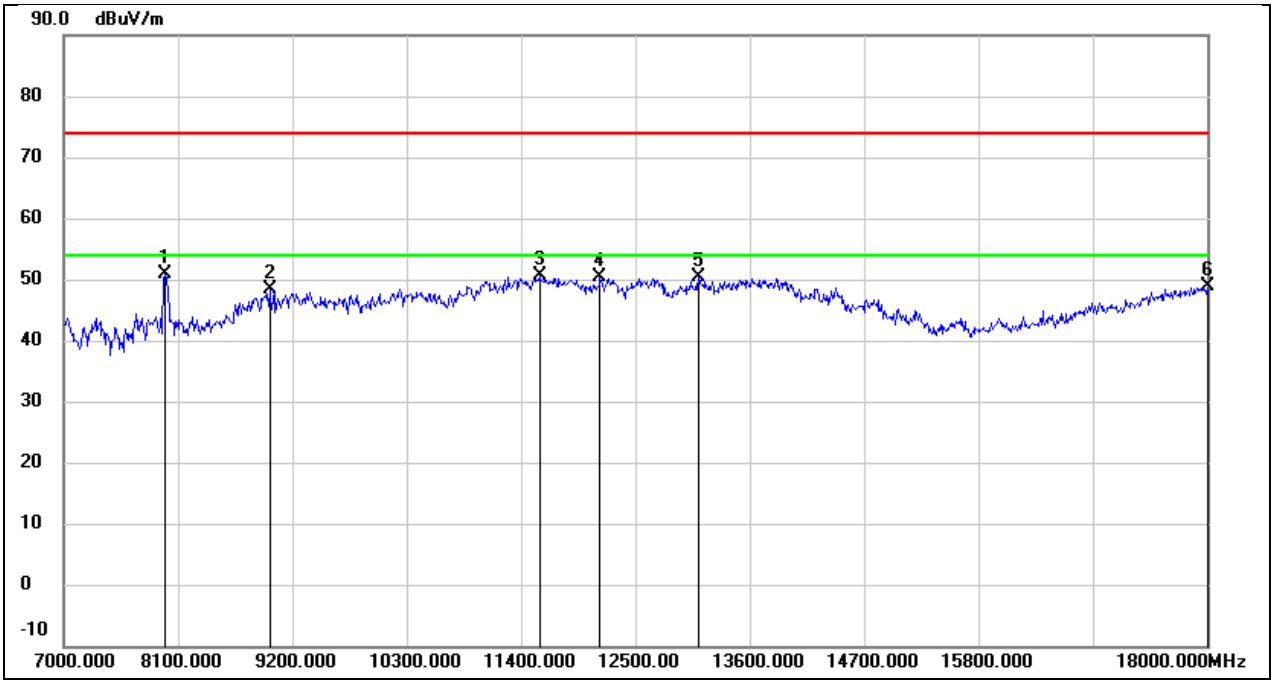
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	44.47	6.45	50.92	74.00	-23.08	peak
2	8936.000	39.54	9.90	49.44	74.00	-24.56	peak
3	11389.000	34.40	16.31	50.71	74.00	-23.29	peak
4	12599.000	31.86	17.95	49.81	74.00	-24.19	peak
5	13127.000	30.40	19.01	49.41	74.00	-24.59	peak
6	17989.000	23.49	26.04	49.53	74.00	-24.47	peak

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	42.75	6.45	49.20	74.00	-24.80	peak
2	11048.000	34.86	14.91	49.77	74.00	-24.23	peak
3	11785.000	32.27	17.30	49.57	74.00	-24.43	peak
4	12698.000	31.97	18.08	50.05	74.00	-23.95	peak
5	13864.000	28.39	21.53	49.92	74.00	-24.08	peak
6	18000.000	23.48	26.12	49.60	74.00	-24.40	peak

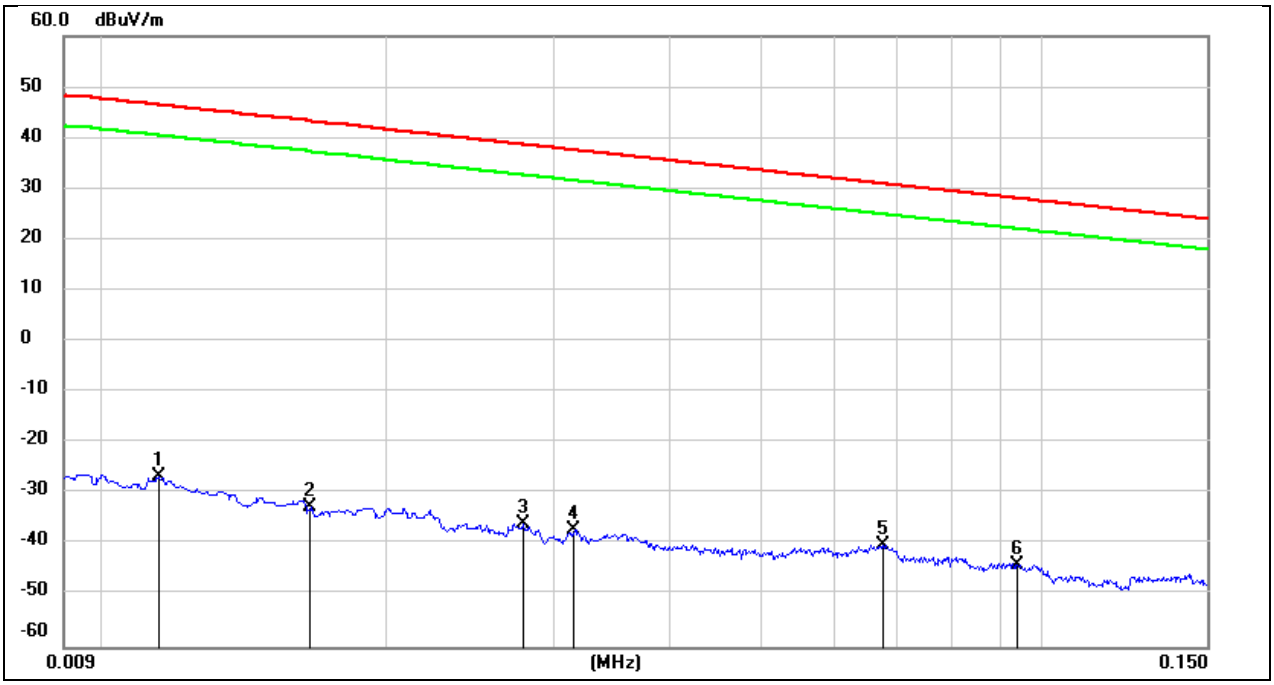
Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7968.000	44.52	6.45	50.97	74.00	-23.03	peak
2	8980.000	38.09	10.21	48.30	74.00	-25.70	peak
3	11576.000	33.73	16.91	50.64	74.00	-23.36	peak
4	12159.000	32.53	17.73	50.26	74.00	-23.74	peak
5	13105.000	31.50	18.91	50.41	74.00	-23.59	peak
6	18000.000	22.82	26.12	48.94	74.00	-25.06	peak

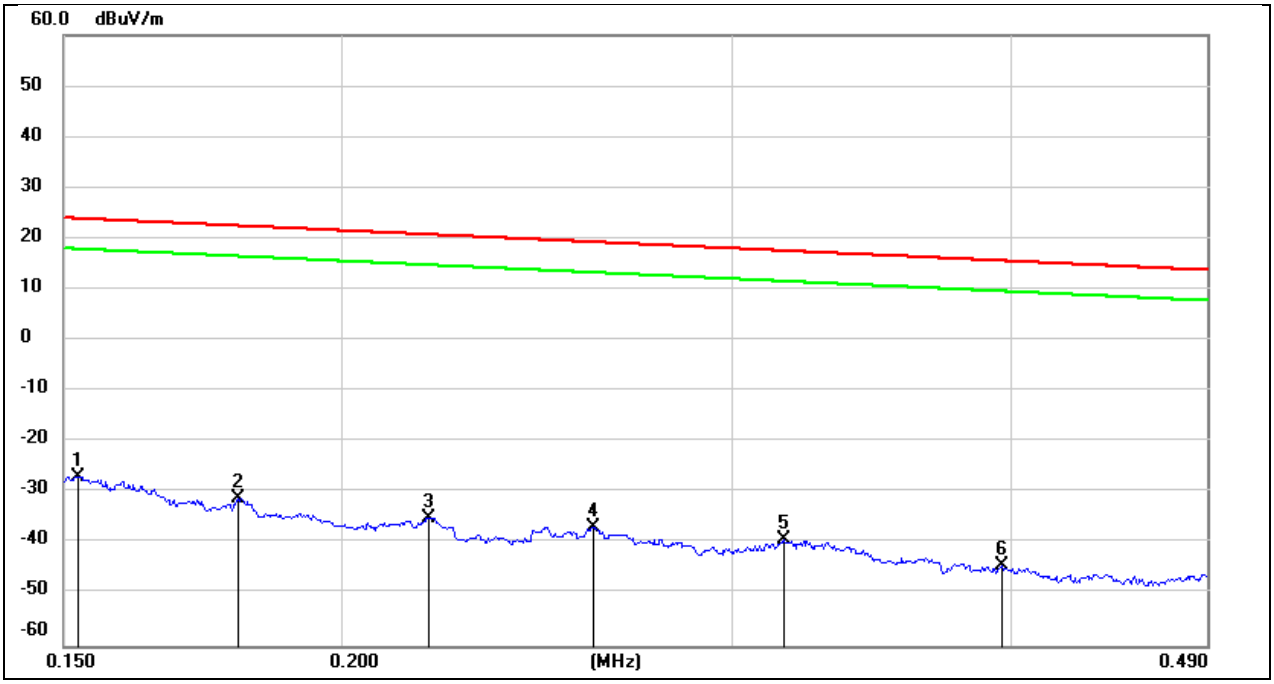
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

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



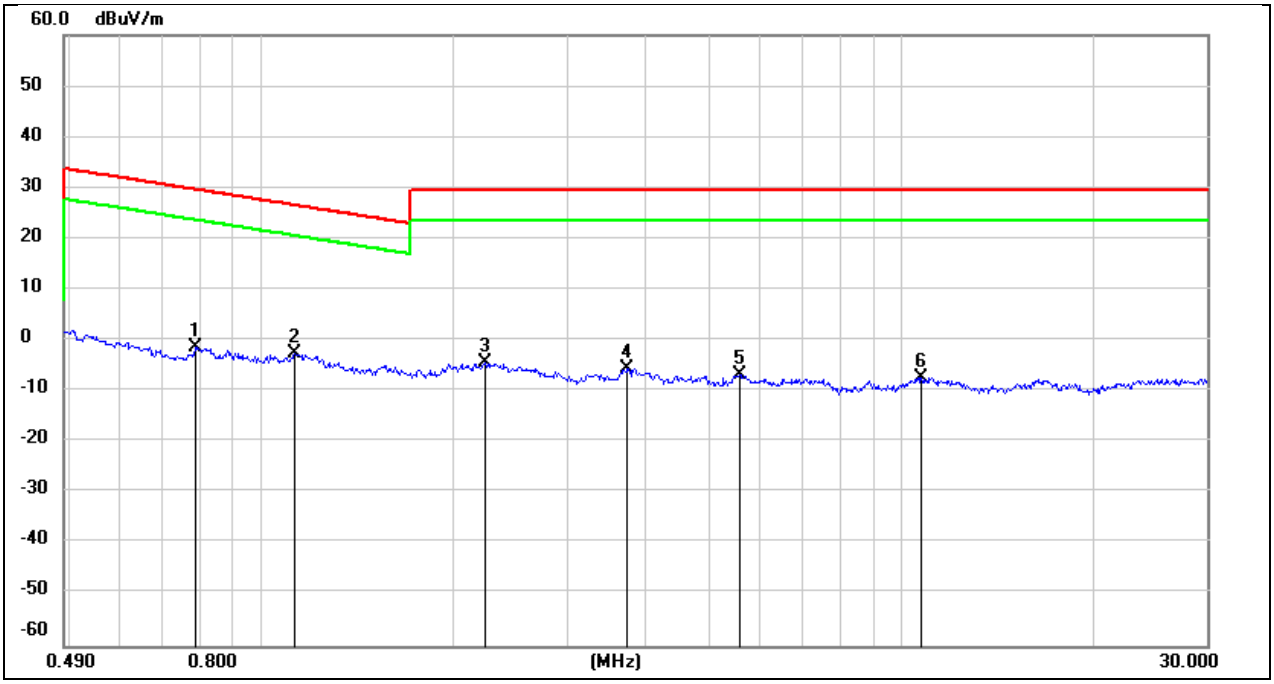
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0114	74.88	-101.40	-26.52	46.46	-72.98	peak
2	0.0165	68.84	-101.37	-32.53	43.25	-75.78	peak
3	0.0279	65.67	-101.38	-35.71	38.69	-74.40	peak
4	0.0316	64.24	-101.40	-37.16	37.61	-74.77	peak
5	0.0675	61.64	-101.56	-39.92	31.02	-70.94	peak
6	0.0942	57.83	-101.75	-43.92	28.12	-72.04	peak

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1524	74.80	-101.63	-26.83	23.94	-50.77	peak
2	0.1800	70.65	-101.68	-31.03	22.50	-53.53	peak
3	0.2190	66.77	-101.75	-34.98	20.79	-55.77	peak
4	0.2595	65.06	-101.81	-36.75	19.32	-56.07	peak
5	0.3163	62.70	-101.87	-39.17	17.60	-56.77	peak
6	0.3966	57.68	-101.96	-44.28	15.63	-59.91	peak

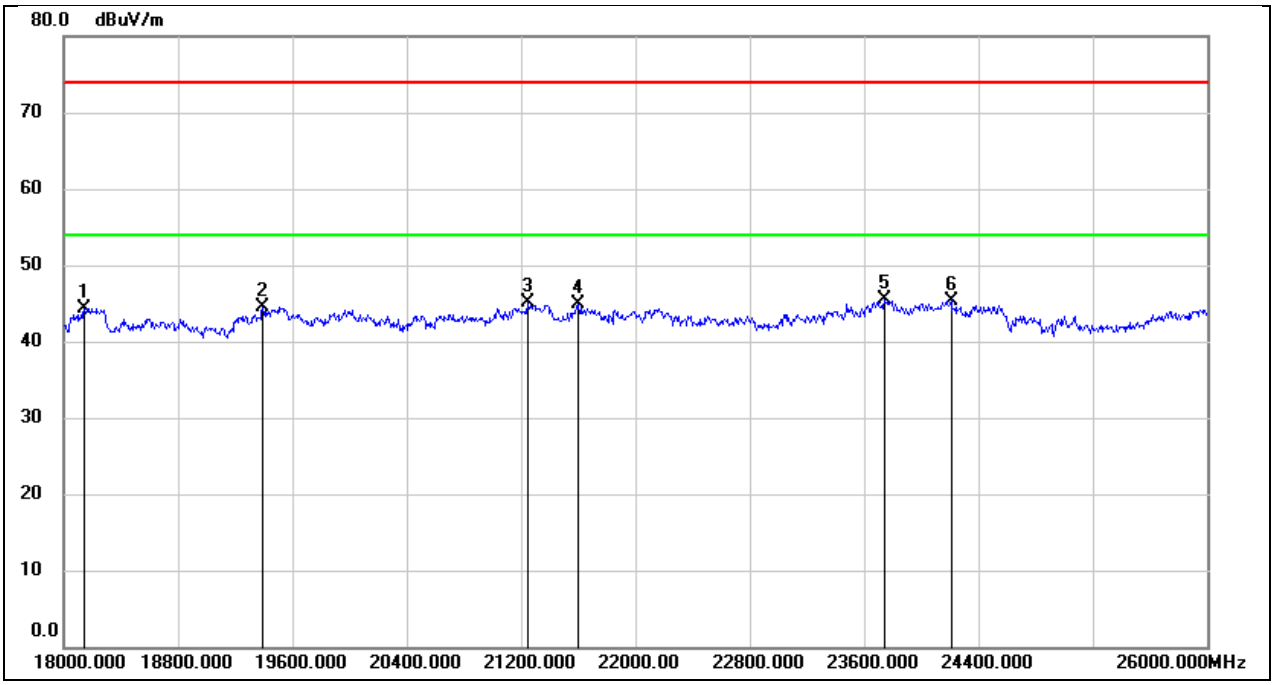
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.7861	60.83	-62.14	-1.31	29.69	-31.00	peak
2	1.1250	59.56	-62.21	-2.65	26.58	-29.23	peak
3	2.2364	57.30	-61.76	-4.46	29.54	-34.00	peak
4	3.7360	55.83	-61.40	-5.57	29.54	-35.11	peak
5	5.5952	54.55	-61.41	-6.86	29.54	-36.40	peak
6	10.7299	53.48	-60.83	-7.35	29.54	-36.89	peak

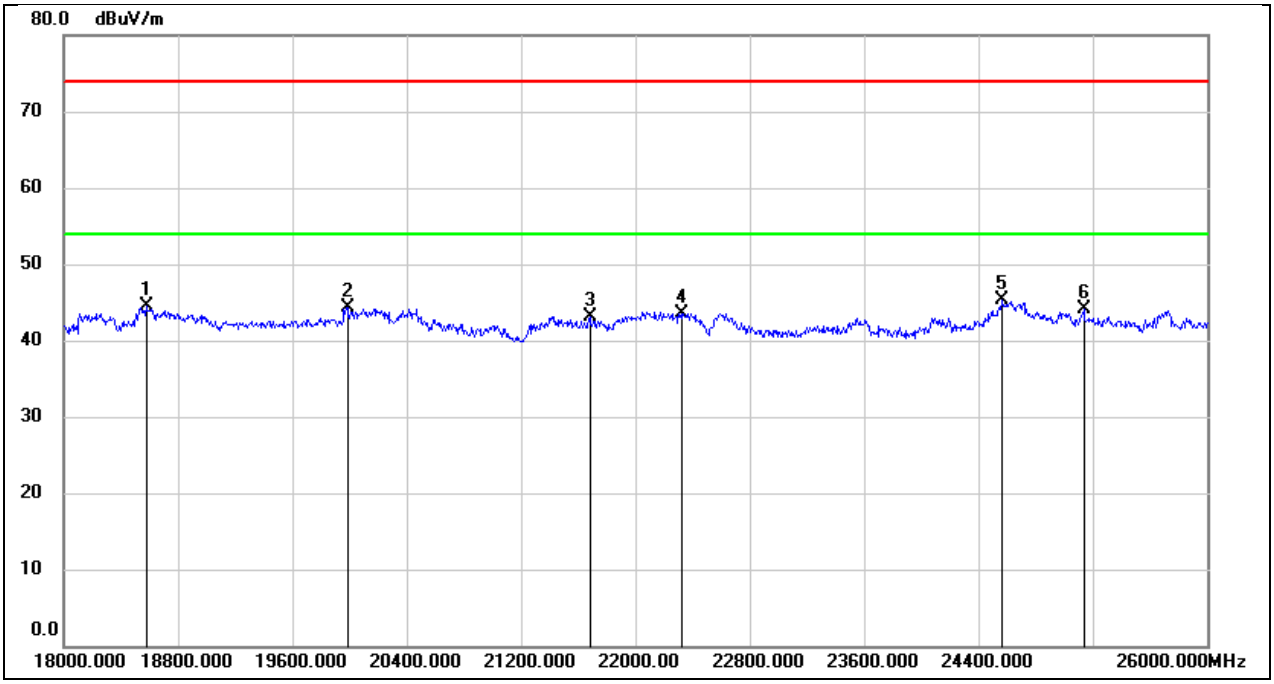
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

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



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	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	21600.000	49.52	-4.54	44.98	74.00	-29.02	peak
5	23744.000	48.65	-3.20	45.45	74.00	-28.55	peak
6	24208.000	48.21	-2.81	45.40	74.00	-28.60	peak

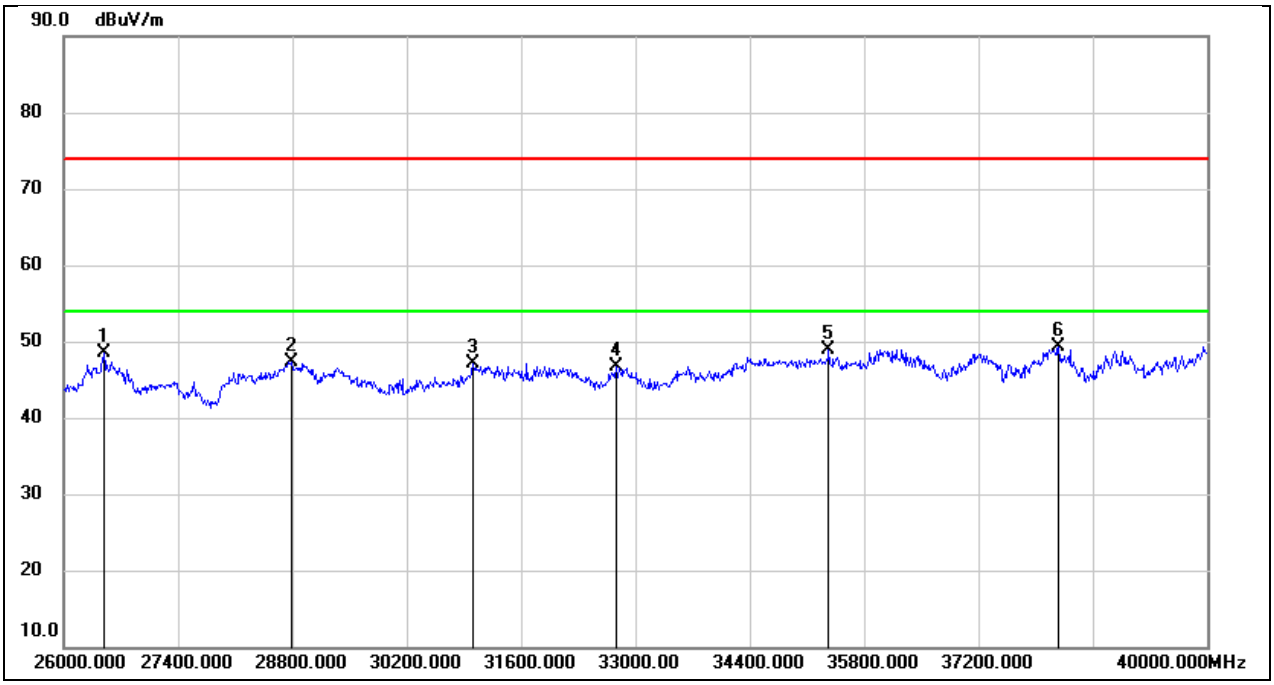
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18576.000	49.79	-5.30	44.49	74.00	-29.51	peak
2	19984.000	49.71	-5.44	44.27	74.00	-29.73	peak
3	21680.000	47.52	-4.43	43.09	74.00	-30.91	peak
4	22328.000	47.70	-4.11	43.59	74.00	-30.41	peak
5	24568.000	47.60	-2.33	45.27	74.00	-28.73	peak
6	25136.000	45.92	-1.87	44.05	74.00	-29.95	peak

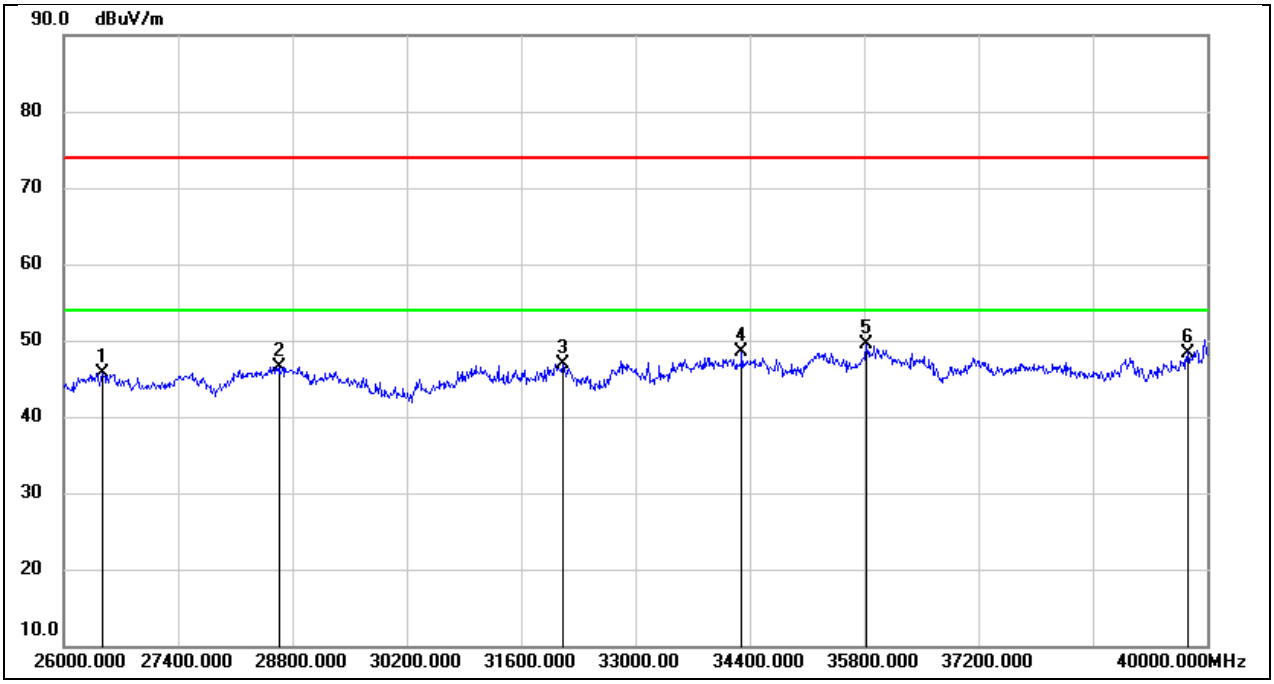
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	53.29	-4.74	48.55	74.00	-25.45	peak
2	28786.000	47.99	-0.64	47.35	74.00	-26.65	peak
3	31012.000	47.83	-0.71	47.12	74.00	-26.88	peak
4	32762.000	47.95	-1.21	46.74	74.00	-27.26	peak
5	35366.000	46.40	2.59	48.99	74.00	-25.01	peak
6	38180.000	45.64	3.69	49.33	74.00	-24.67	peak

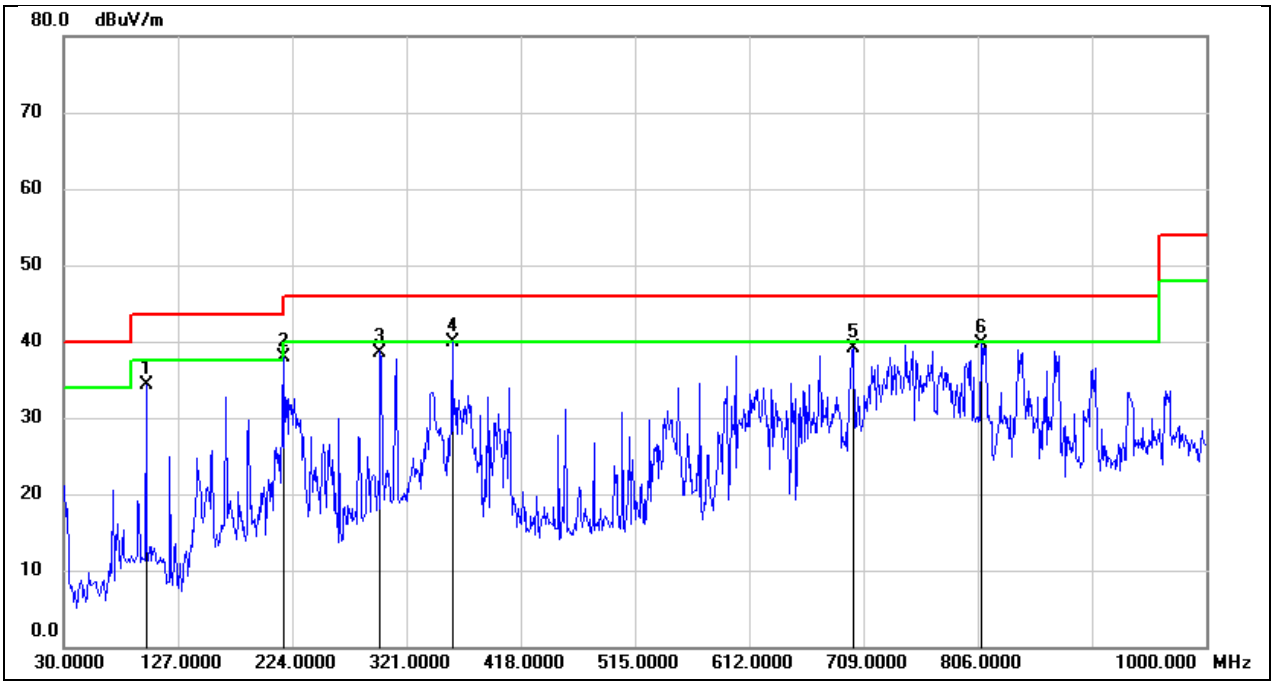
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	50.53	-4.78	45.75	74.00	-28.25	peak
2	28632.000	48.15	-1.55	46.60	74.00	-27.40	peak
3	32118.000	48.62	-1.69	46.93	74.00	-27.07	peak
4	34302.000	47.45	1.10	48.55	74.00	-25.45	peak
5	35828.000	45.75	3.67	49.42	74.00	-24.58	peak
6	39762.000	43.59	4.81	48.40	74.00	-25.60	peak

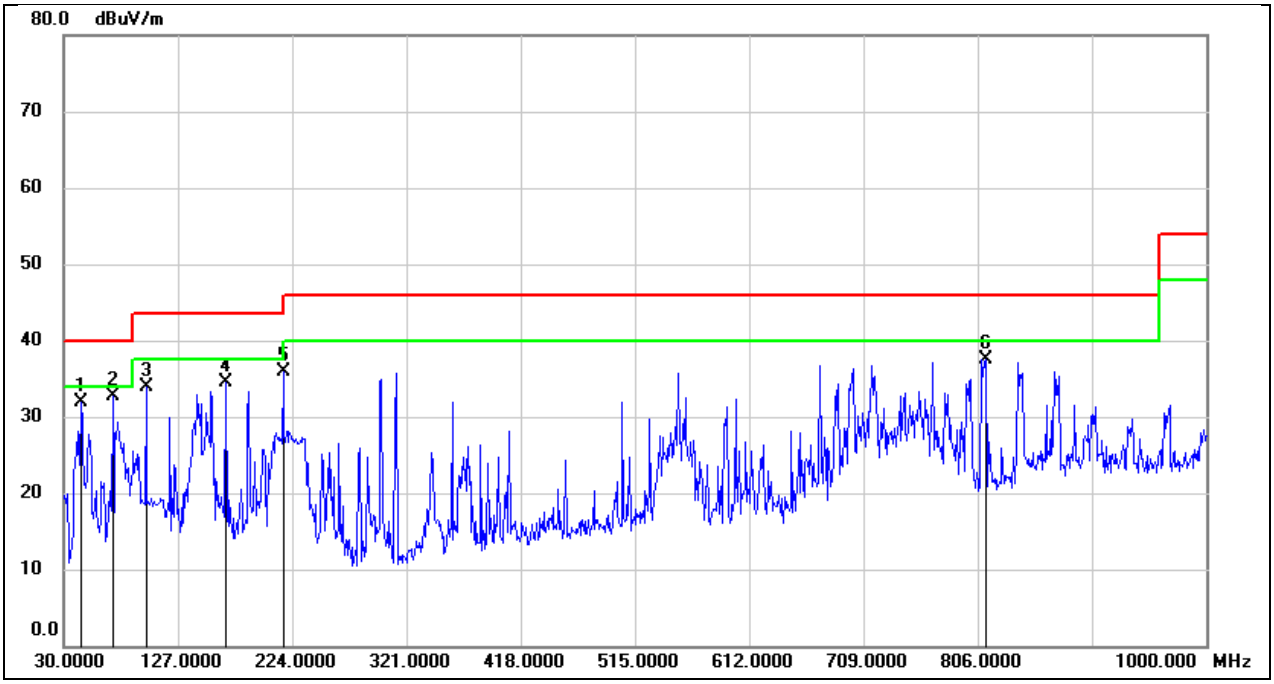
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	99.8399	50.90	-16.55	34.35	43.50	-9.15	QP
2	216.2400	50.76	-12.89	37.87	46.00	-8.13	QP
3	298.6900	50.39	-11.79	38.60	46.00	-7.40	QP
4	359.8000	49.51	-9.56	39.95	46.00	-6.05	QP
5	700.2700	43.61	-4.52	39.09	46.00	-6.91	QP
6	808.9099	42.51	-2.85	39.66	46.00	-6.34	QP

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	44.5500	47.12	-15.19	31.93	40.00	-8.07	QP
2	71.7100	48.50	-15.72	32.78	40.00	-7.22	QP
3	99.8399	50.53	-16.55	33.98	43.50	-9.52	QP
4	167.7400	46.85	-12.37	34.48	43.50	-9.02	QP
5	216.2400	48.81	-12.89	35.92	46.00	-10.08	QP
6	812.7900	40.43	-2.86	37.57	46.00	-8.43	QP

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a).

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

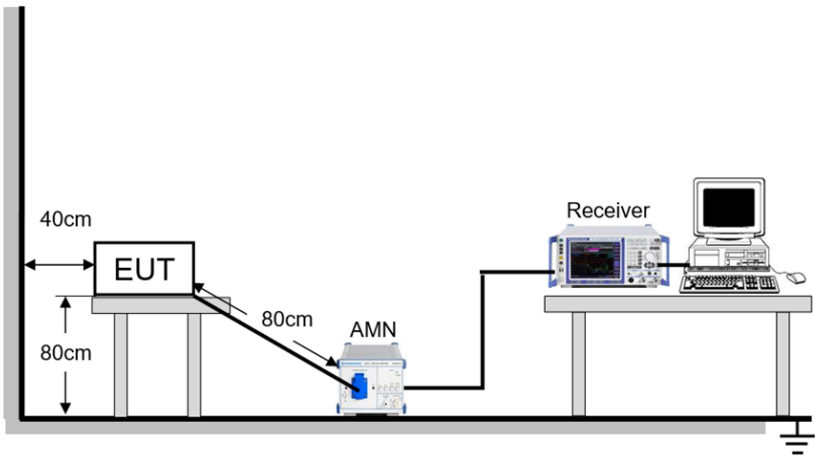
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP



TEST ENVIRONMENT

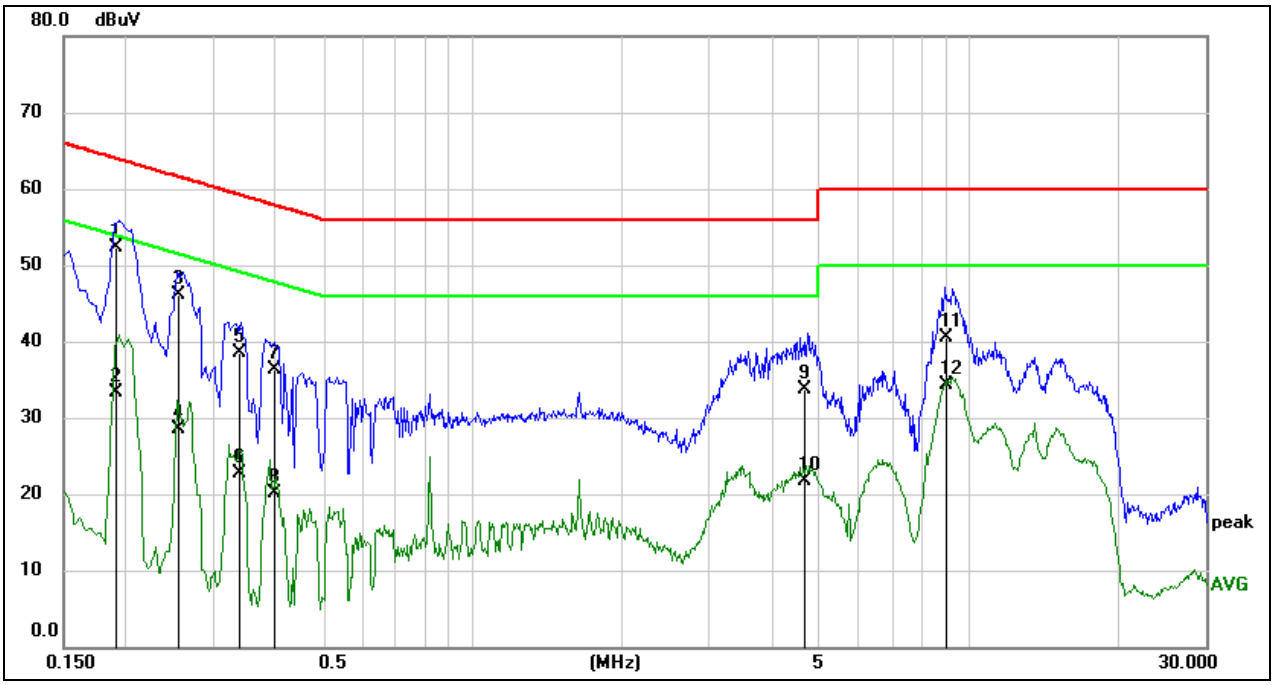
Temperature	23.8℃	Relative Humidity	57%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V, 60 Hz

TEST DATE / ENGINEER

Test Date	April 26, 2024	Test By	Fanny Huang

TEST RESULTS

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

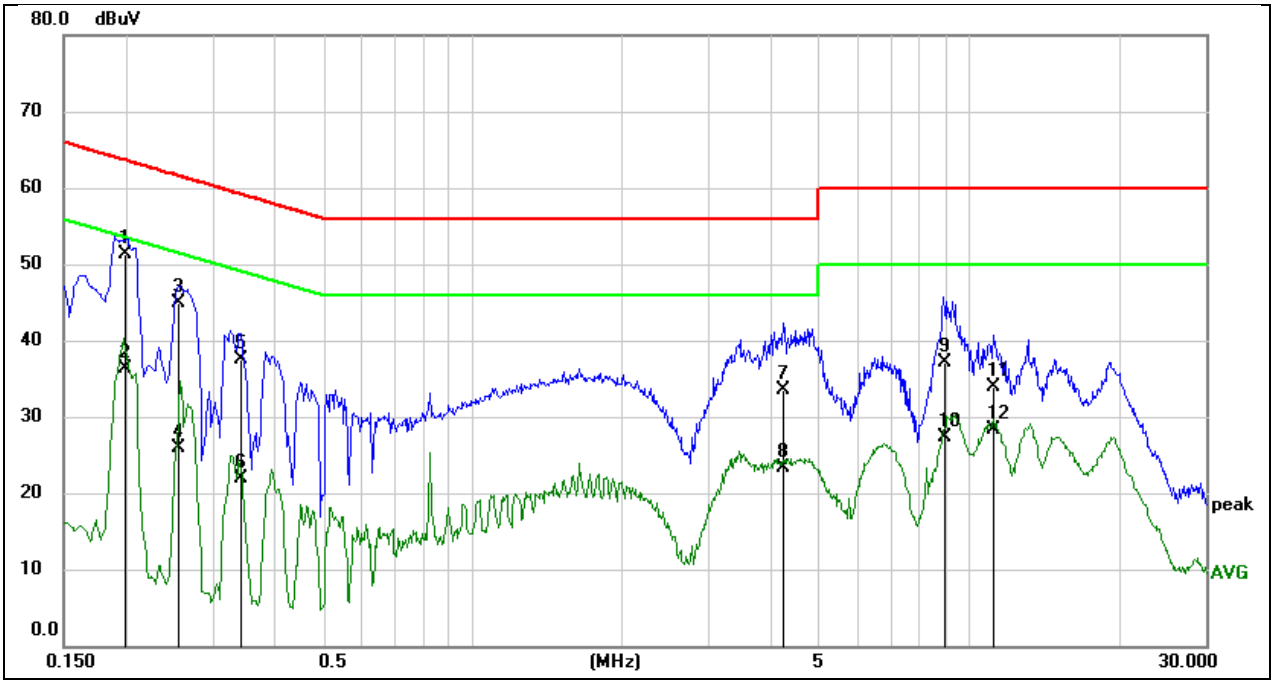


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1905	42.03	10.26	52.29	64.01	-11.72	QP
2	0.1905	23.02	10.26	33.28	54.01	-20.73	AVG
3	0.2571	35.91	10.24	46.15	61.52	-15.37	QP
4	0.2571	18.18	10.24	28.42	51.52	-23.10	AVG
5	0.3392	28.31	10.24	38.55	59.22	-20.67	QP
6	0.3392	12.41	10.24	22.65	49.22	-26.57	AVG
7	0.3991	26.10	10.24	36.34	57.87	-21.53	QP
8	0.3991	9.79	10.24	20.03	47.87	-27.84	AVG
9	4.7075	23.36	10.25	33.61	56.00	-22.39	QP
10	4.7075	11.50	10.25	21.75	46.00	-24.25	AVG
11	9.0183	30.23	10.33	40.56	60.00	-19.44	QP
12	9.0183	23.98	10.33	34.31	50.00	-15.69	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
Polarity:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1988	40.98	10.24	51.22	63.66	-12.44	QP
2	0.1988	26.01	10.24	36.25	53.66	-17.41	AVG
3	0.2548	34.65	10.24	44.89	61.60	-16.71	QP
4	0.2548	15.76	10.24	26.00	51.60	-25.60	AVG
5	0.3406	27.21	10.24	37.45	59.19	-21.74	QP
6	0.3406	11.74	10.24	21.98	49.19	-27.21	AVG
7	4.2112	23.24	10.24	33.48	56.00	-22.52	QP
8	4.2112	12.99	10.24	23.23	46.00	-22.77	AVG
9	8.9518	26.84	10.33	37.17	60.00	-22.83	QP
10	8.9518	16.94	10.33	27.27	50.00	-22.73	AVG
11	11.1907	23.51	10.38	33.89	60.00	-26.11	QP
12	11.1907	17.98	10.38	28.36	50.00	-21.64	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

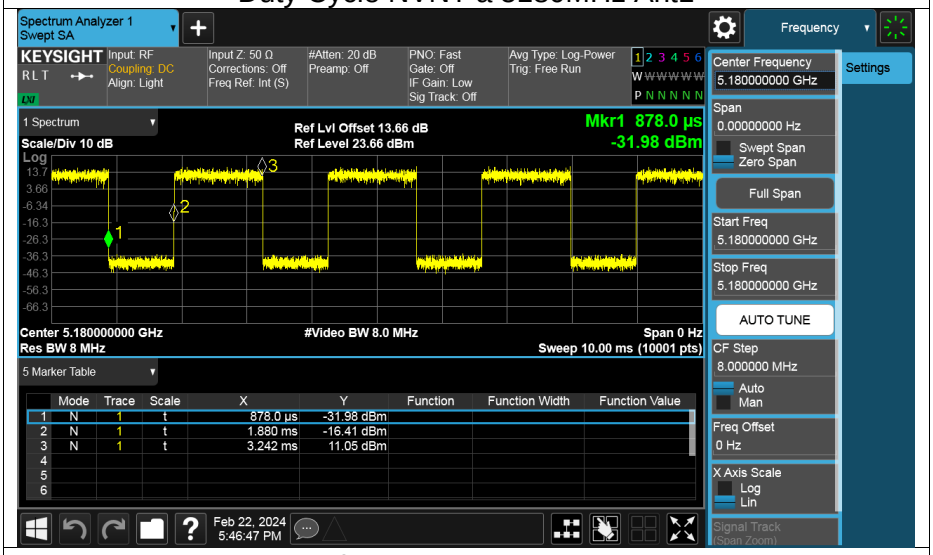
11.1. APPENDIX A: DUTY CYCLE

Mode	N1 (msec)	N2 (msec)	N3 (msec)	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)
11a	0.878	1.880	3.242	1.362	2.364	0.5761	57.61	2.39	0.73	1
11n20	1.513	2.516	3.790	1.274	2.277	0.5595	55.95	2.52	0.78	1
11n40	1.477	2.480	3.114	0.634	1.637	0.3873	38.73	4.12	1.58	2
11ac80	1.167	2.170	2.487	0.317	1.32	0.2402	24.02	6.20	3.15	5

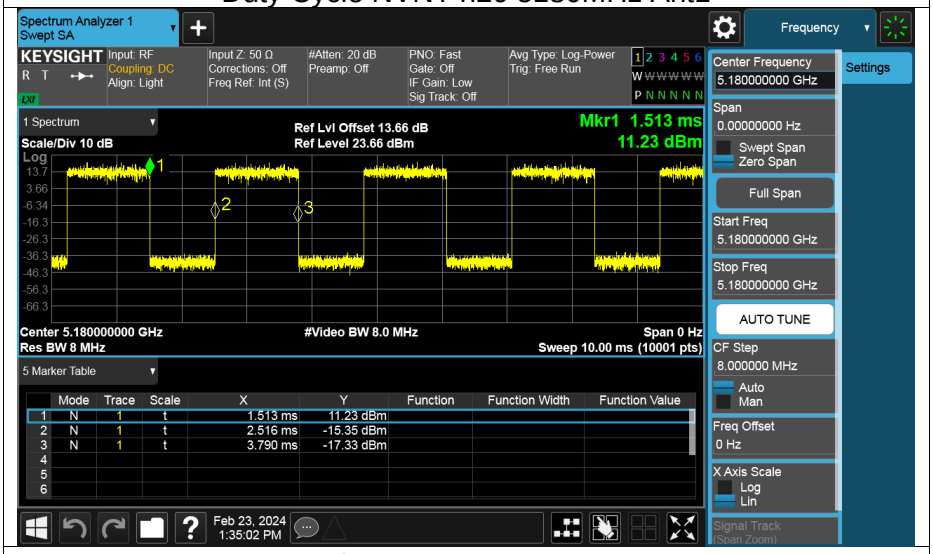
Note:
On Time=N3-N2
Period=N3-N1
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

Test Graphs

Duty Cycle NVNT a 5180MHz Ant1



Duty Cycle NVNT n20 5180MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1

Duty Cycle NVNT ac80 5210MHz Ant1

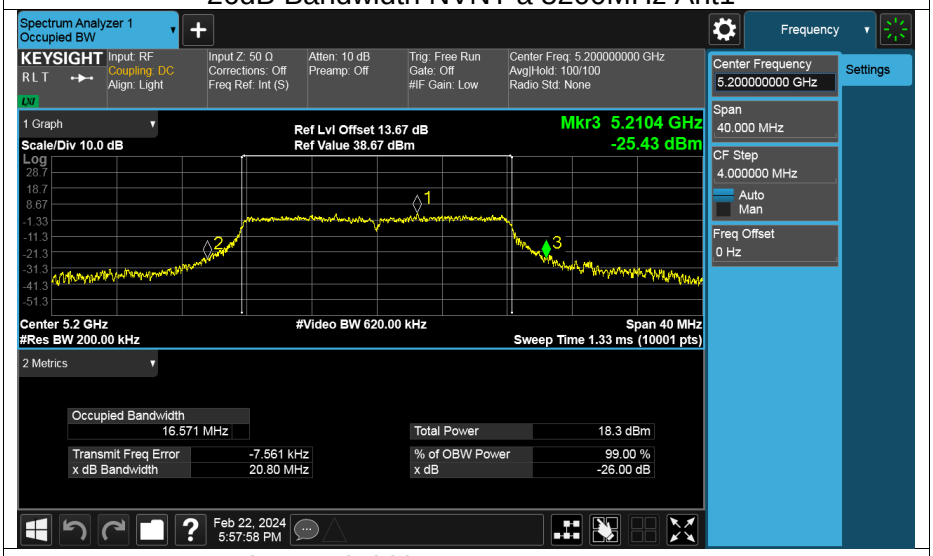
11.2. APPENDIX B: -26DB BANDWIDTH

Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
a	5180	Ant1	20.18	Pass
a	5200	Ant1	20.8	Pass
a	5240	Ant1	20.47	Pass
a	5260	Ant1	20.28	Pass
a	5280	Ant1	20.69	Pass
a	5320	Ant1	20.5	Pass
a	5500	Ant1	22.31	Pass
a	5580	Ant1	20.19	Pass
a	5700	Ant1	20.46	Pass
a	5720_UNII-2C	Ant1	15.88	Pass
a	5720_UNII-3	Ant1	5.72	Pass
a	5745	Ant1	21.16	Pass
a	5785	Ant1	20.56	Pass
a	5825	Ant1	20.88	Pass
n20	5180	Ant1	20.92	Pass
n20	5200	Ant1	20.79	Pass
n20	5240	Ant1	20.94	Pass
n20	5260	Ant1	21.02	Pass
n20	5280	Ant1	20.92	Pass
n20	5320	Ant1	20.96	Pass
n20	5500	Ant1	20.75	Pass
n20	5580	Ant1	20.65	Pass
n20	5700	Ant1	20.94	Pass
n20	5720_UNII-2C	Ant1	15.68	Pass
n20	5720_UNII-3	Ant1	5.4	Pass
n20	5745	Ant1	21.56	Pass
n20	5785	Ant1	21.52	Pass
n20	5825	Ant1	21.68	Pass
n40	5190	Ant1	41.87	Pass
n40	5230	Ant1	41.91	Pass
n40	5270	Ant1	42.36	Pass
n40	5310	Ant1	41.72	Pass
n40	5510	Ant1	42.87	Pass
n40	5550	Ant1	43.60	Pass
n40	5670	Ant1	41.9	Pass
n40	5710_UNII-2C	Ant1	36.28	Pass
n40	5710_UNII-3	Ant1	6.92	Pass
n40	5755	Ant1	43.76	Pass
n40	5795	Ant1	44.64	Pass
ac80	5210	Ant1	81.14	Pass
ac80	5290	Ant1	81.44	Pass
ac80	5530	Ant1	81.41	Pass
ac80	5610	Ant1	80.81	Pass
ac80	5690_UNII-2C	Ant1	76.44	Pass
ac80	5690_UNII-3	Ant1	7.08	Pass
ac80	5775	Ant1	83.04	Pass

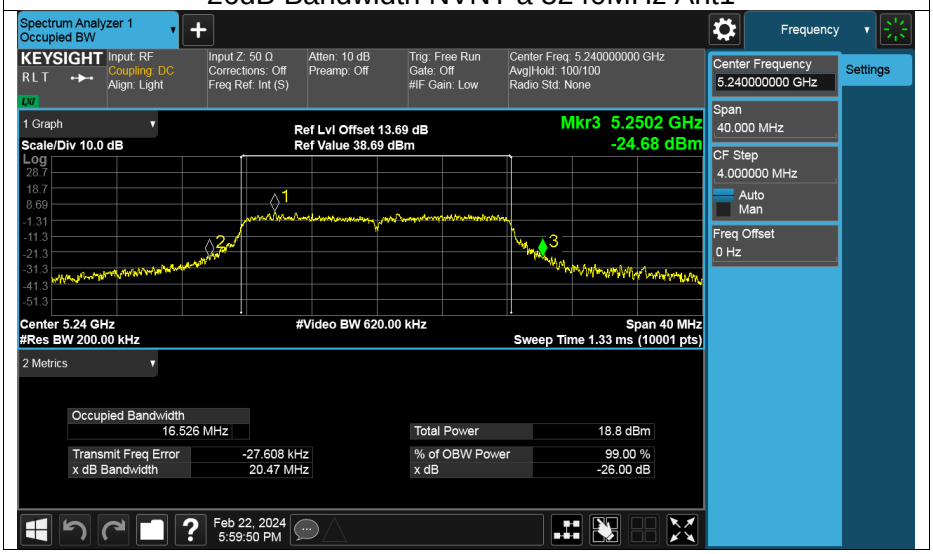
Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

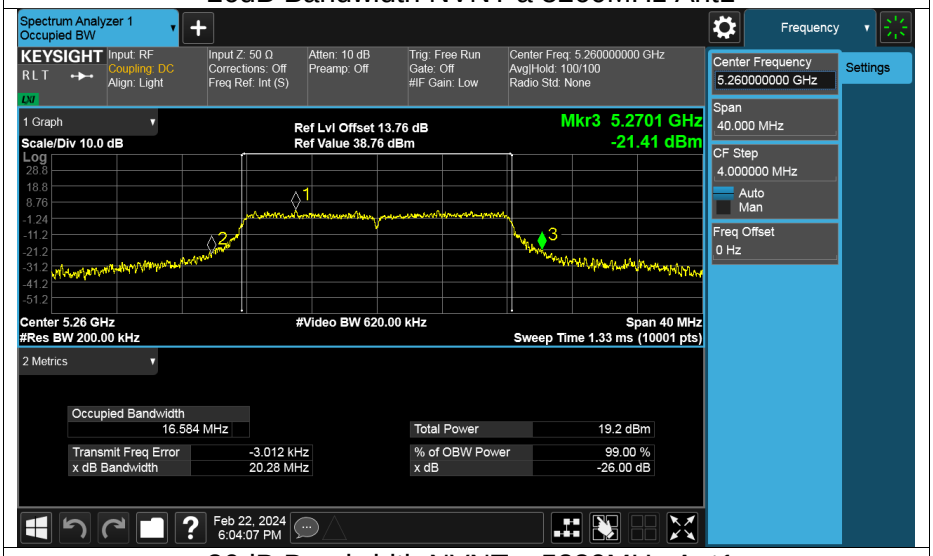
-26dB Bandwidth NVNT a 5200MHz Ant1



-26dB Bandwidth NVNT a 5240MHz Ant1

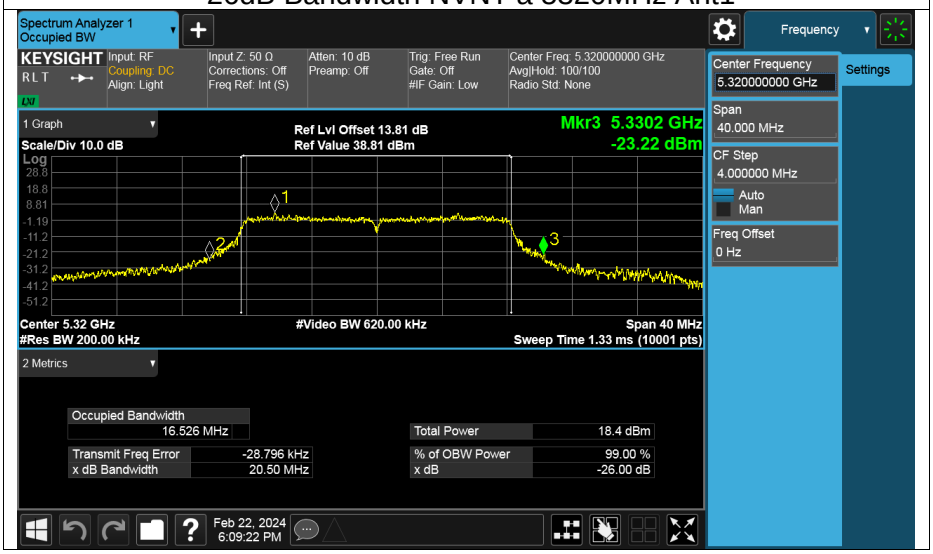


-26dB Bandwidth NVNT a 5260MHz Ant1

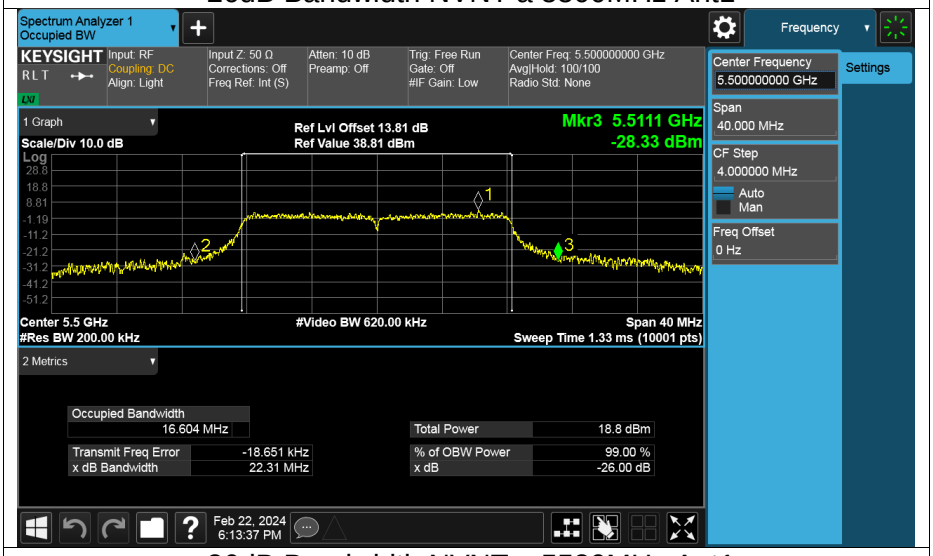


-26dB Bandwidth NVNT a 5280MHz Ant1

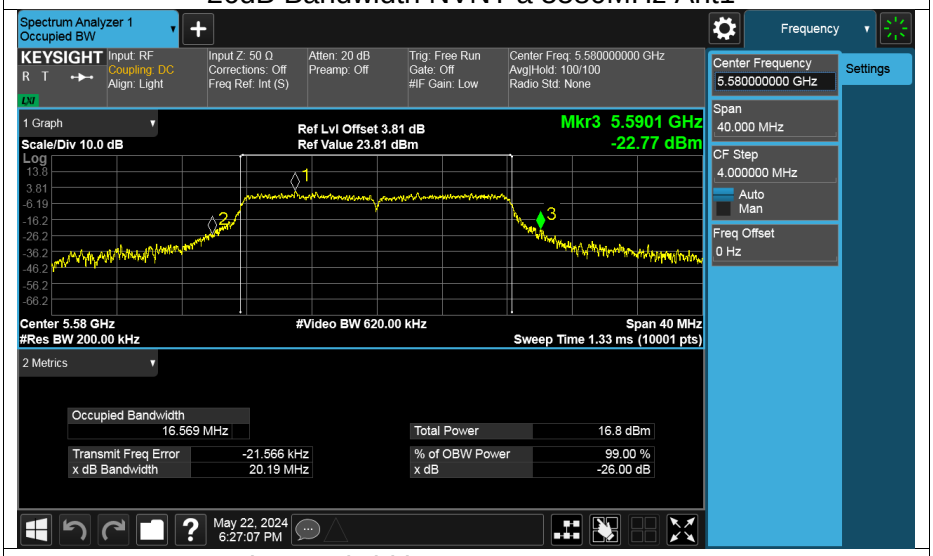
-26dB Bandwidth NVNT a 5320MHz Ant1



-26dB Bandwidth NVNT a 5500MHz Ant1

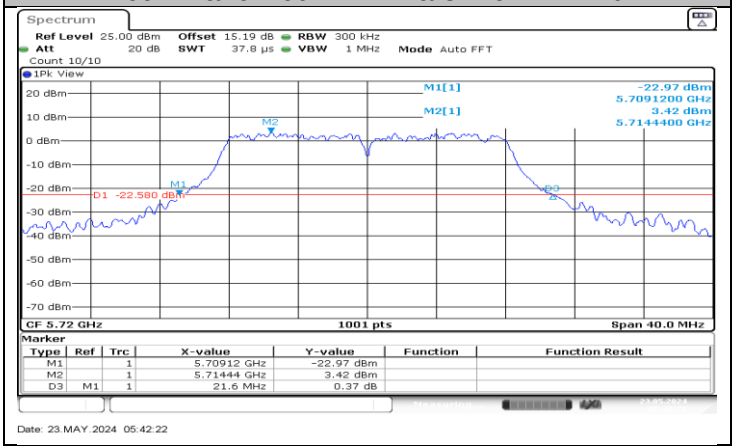


-26dB Bandwidth NVNT a 5580MHz Ant1

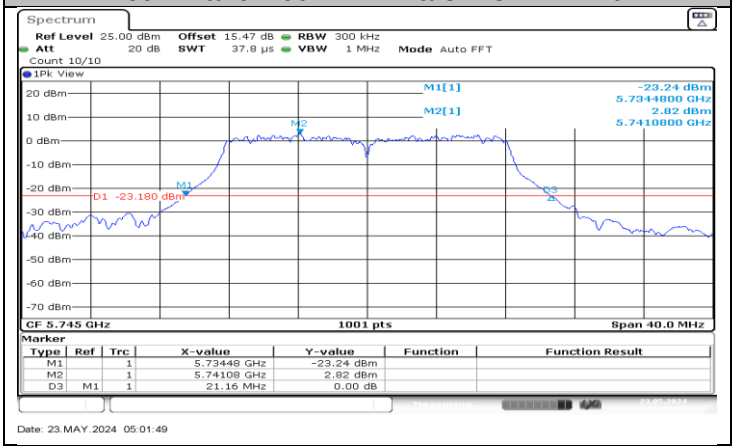


-26dB Bandwidth NVNT a 5700MHz Ant1

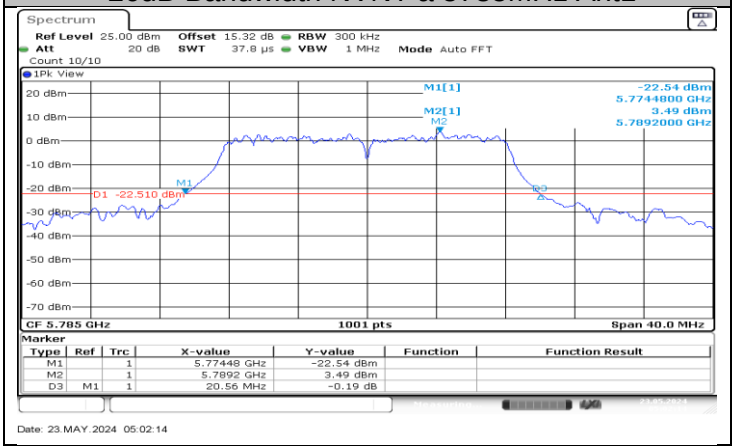
-26dB Bandwidth NVNT a 5720MHz Ant1



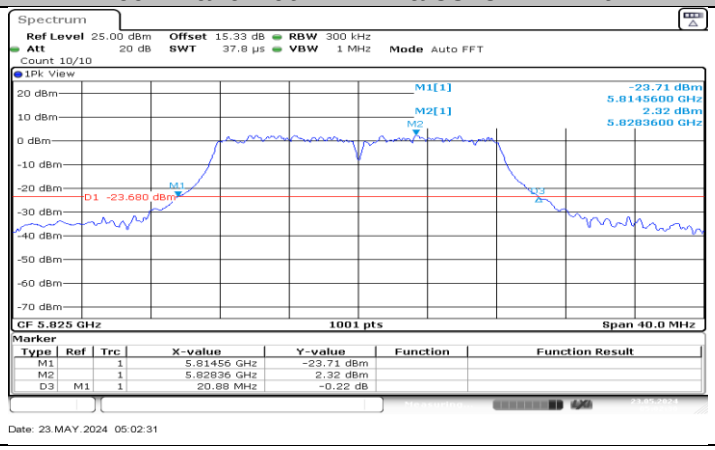
-26dB Bandwidth NVNT a 5745MHz Ant1



-26dB Bandwidth NVNT a 5785MHz Ant1



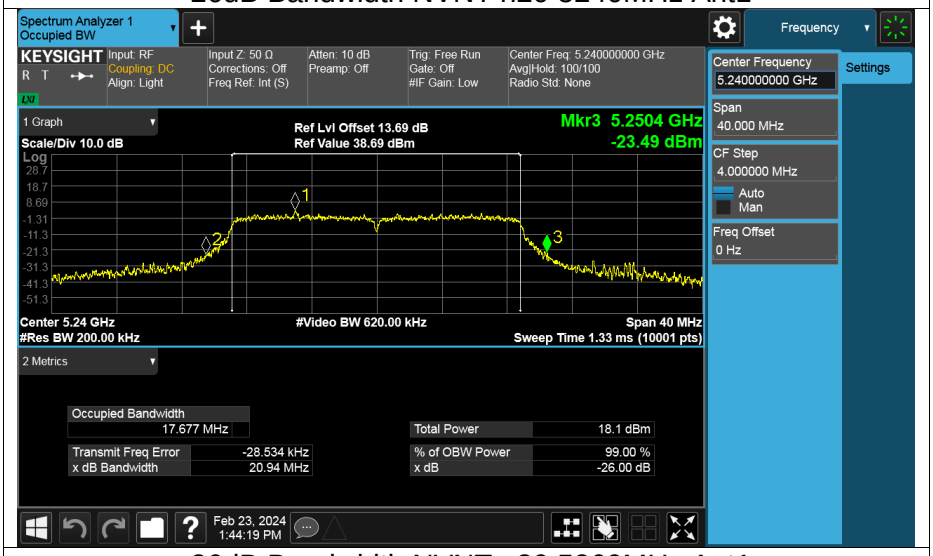
-26dB Bandwidth NVNT a 5825MHz Ant1



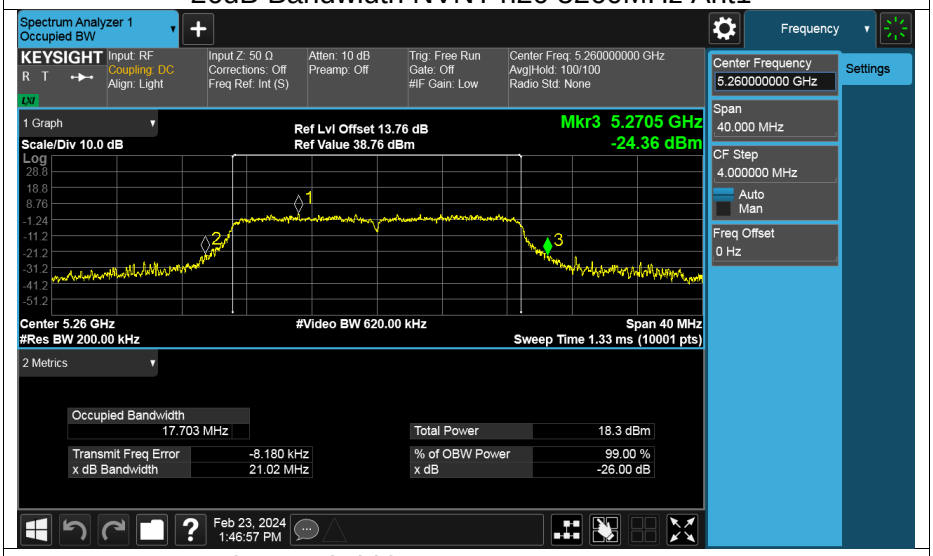
-26dB Bandwidth NVNT n20 5180MHz Ant1

-26dB Bandwidth NVNT n20 5200MHz Ant1

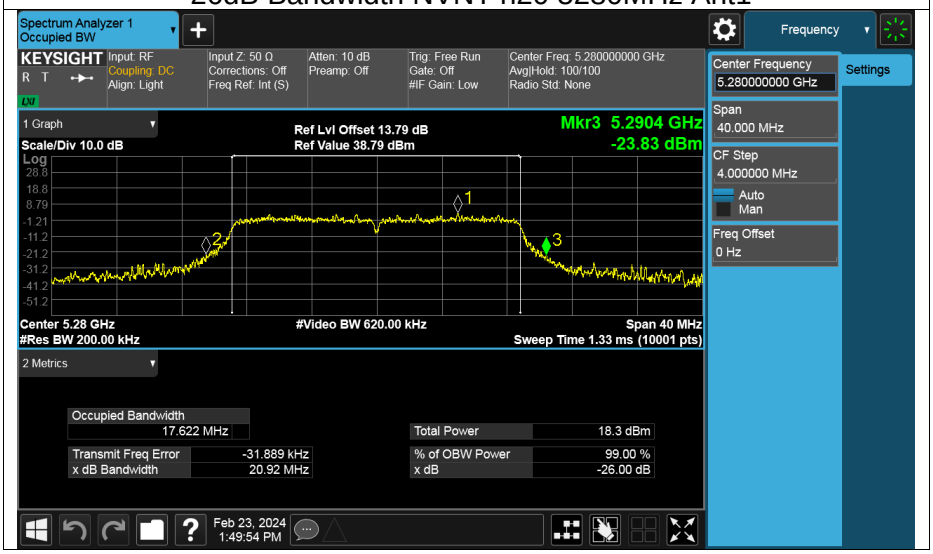
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n20 5260MHz Ant1



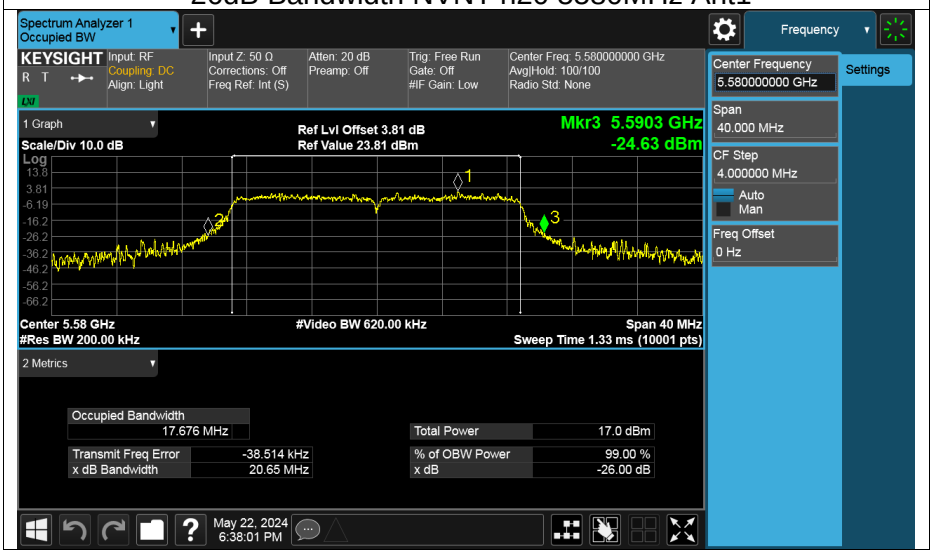
-26dB Bandwidth NVNT n20 5280MHz Ant1



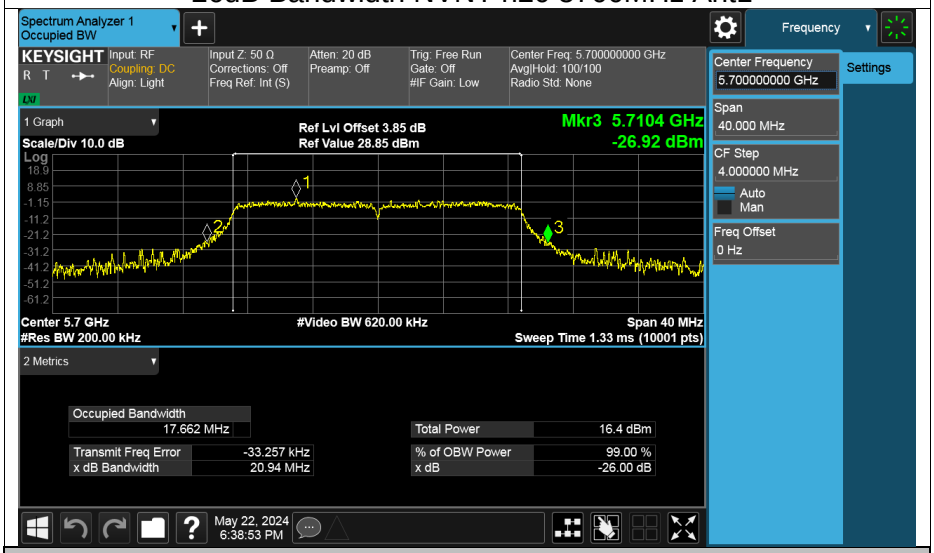
-26dB Bandwidth NVNT n20 5320MHz Ant1

-26dB Bandwidth NVNT n20 5500MHz Ant1

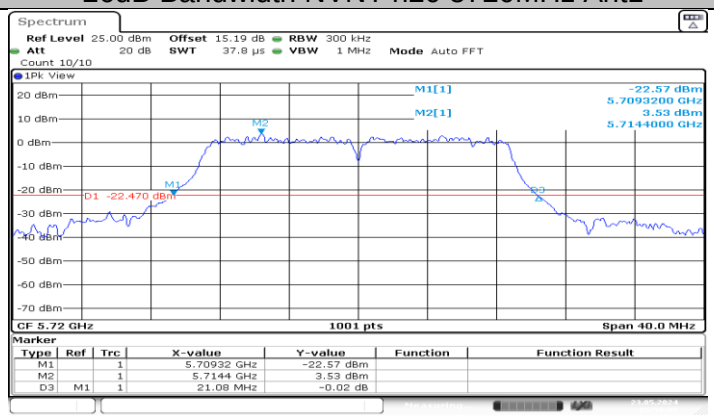
-26dB Bandwidth NVNT n20 5580MHz Ant1



-26dB Bandwidth NVNT n20 5700MHz Ant1



-26dB Bandwidth NVNT n20 5720MHz Ant1



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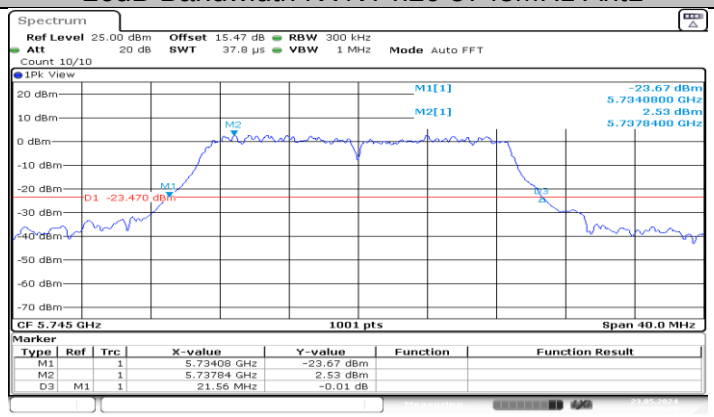
-26dB Bandwidth NVNT n20 5745MHz Ant1



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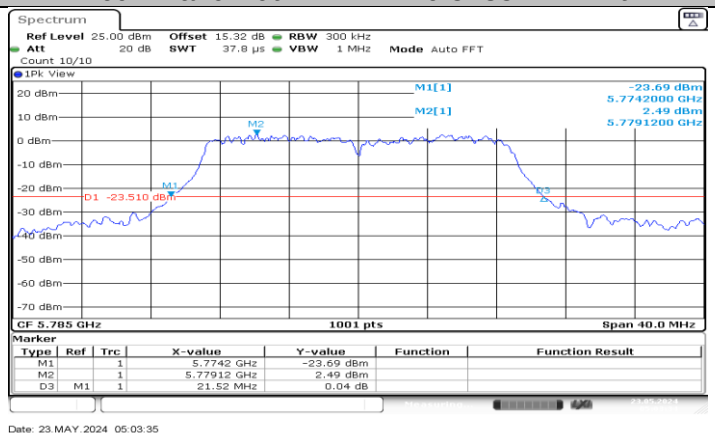
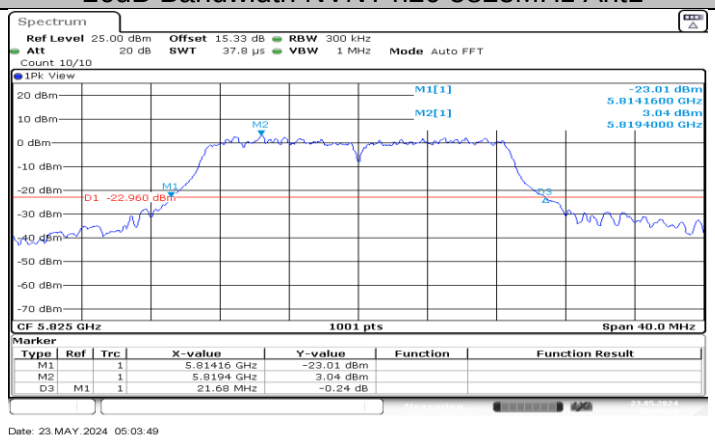
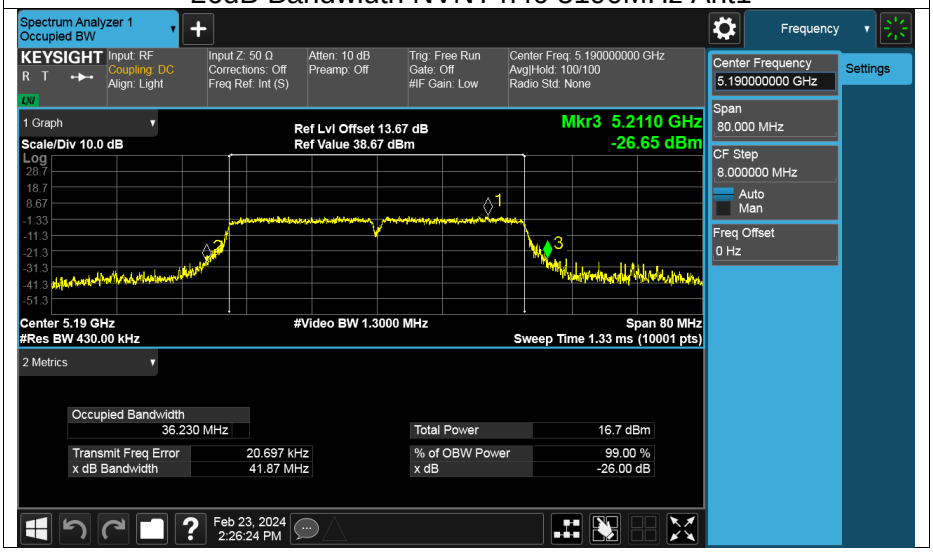


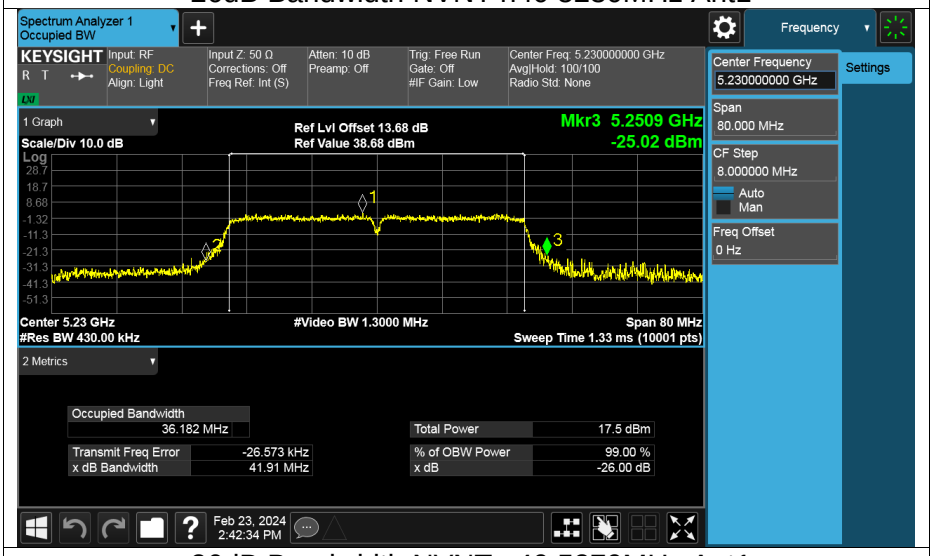
-26dB Bandwidth NVNT n20 5825MHz Ant1



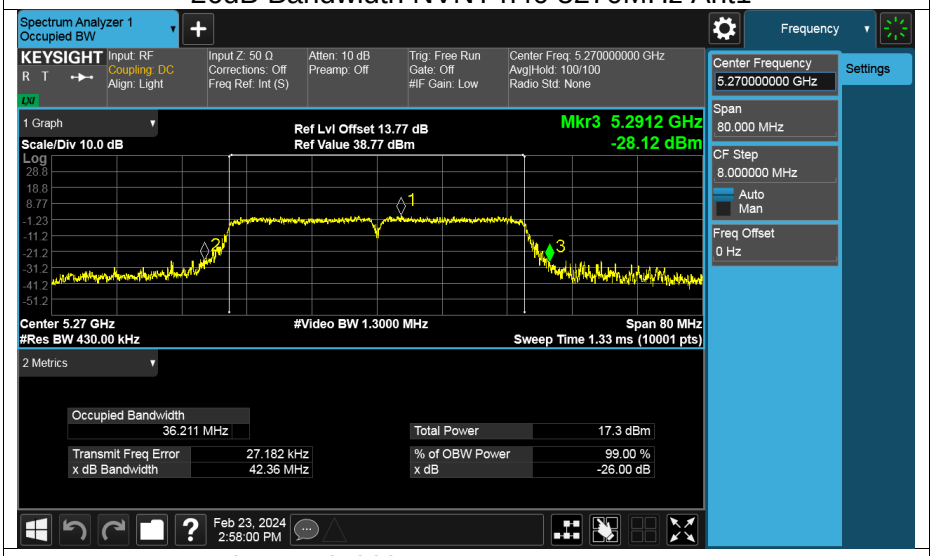
-26dB Bandwidth NVNT n40 5190MHz Ant1



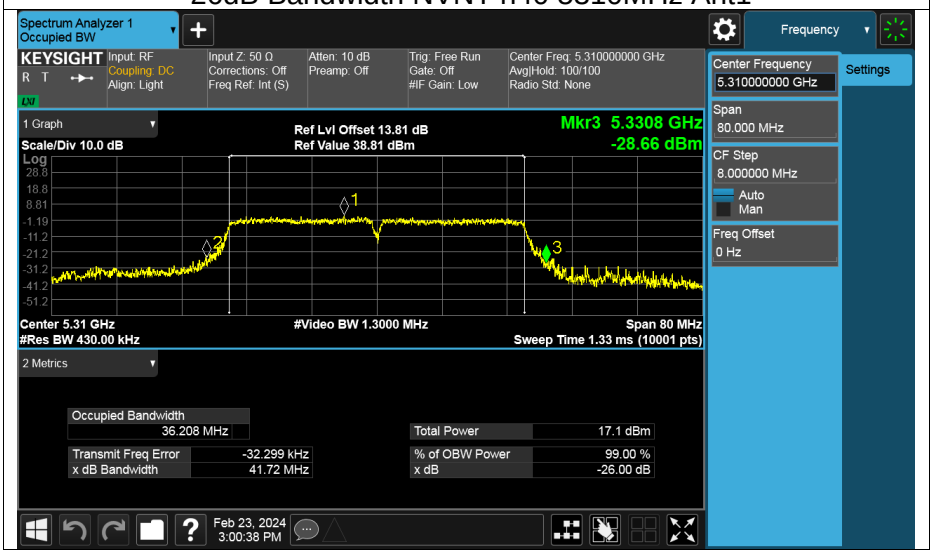
-26dB Bandwidth NVNT n40 5230MHz Ant1



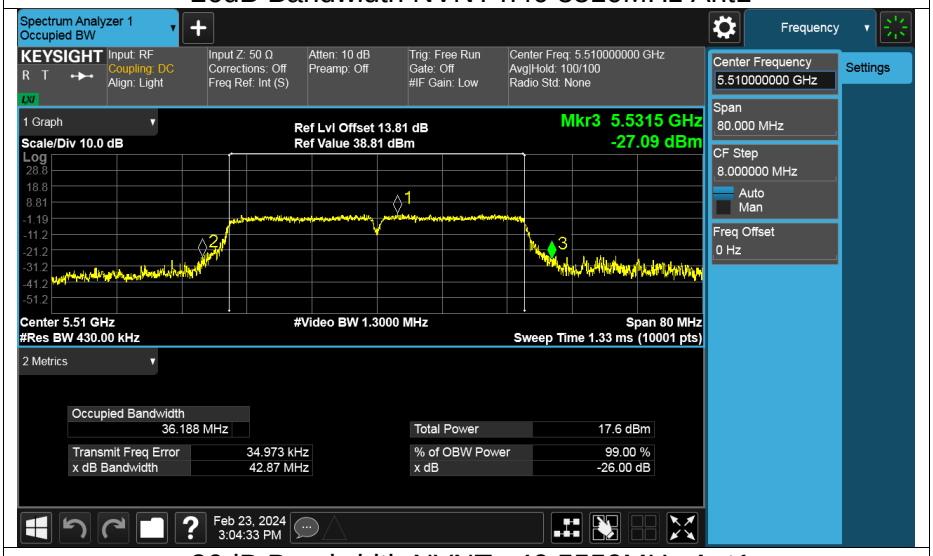
-26dB Bandwidth NVNT n40 5270MHz Ant1



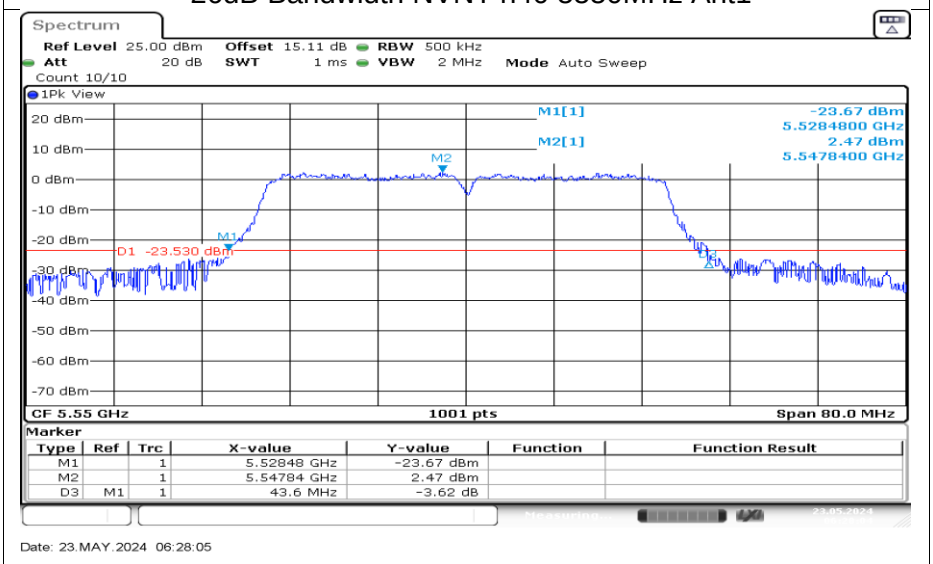
-26dB Bandwidth NVNT n40 5310MHz Ant1



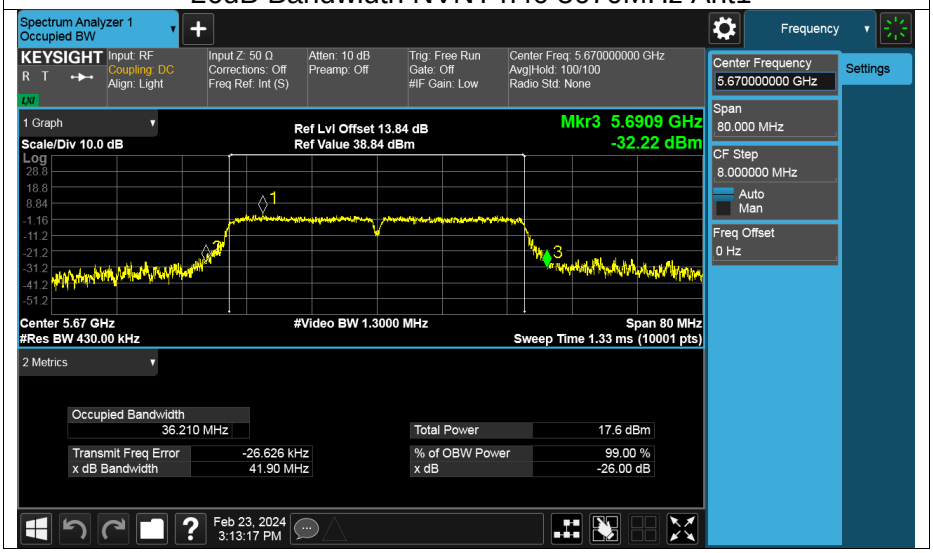
-26dB Bandwidth NVNT n40 5510MHz Ant1



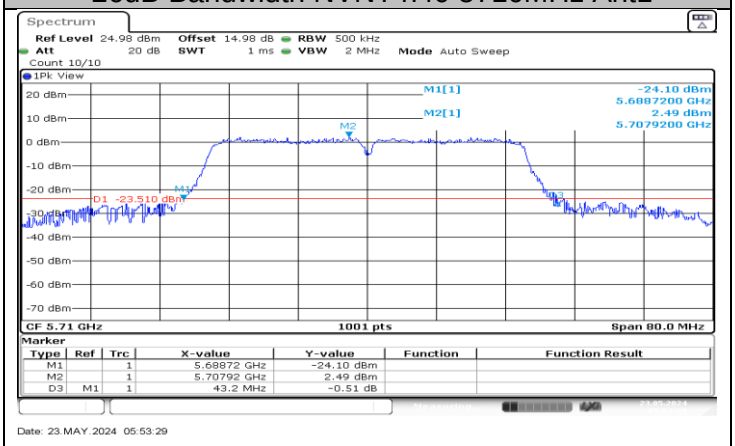
-26dB Bandwidth NVNT n40 5550MHz Ant1



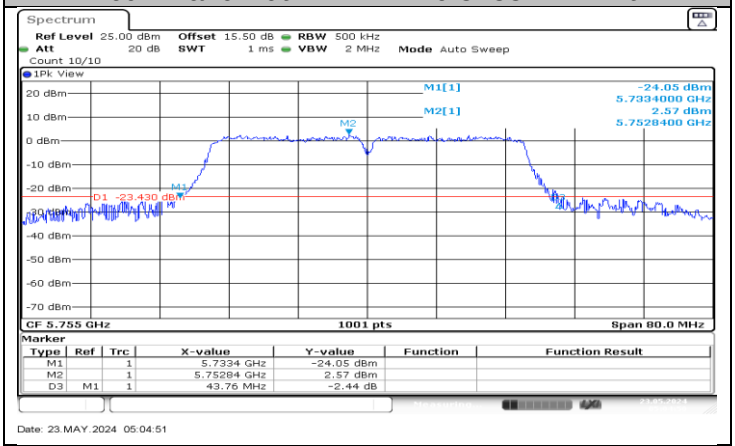
-26dB Bandwidth NVNT n40 5670MHz Ant1



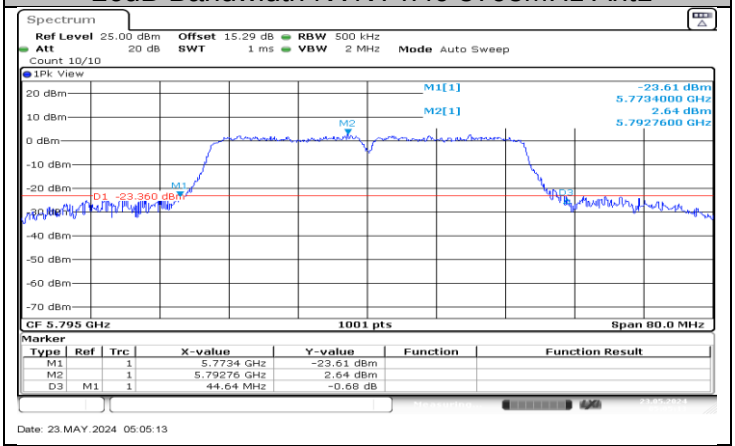
-26dB Bandwidth NVNT n40 5710MHz Ant1



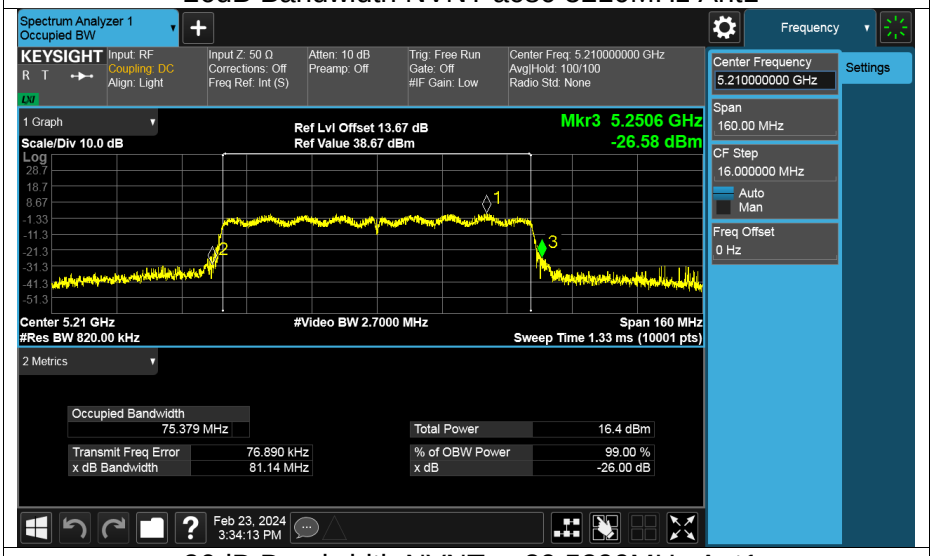
-26dB Bandwidth NVNT n40 5755MHz Ant1



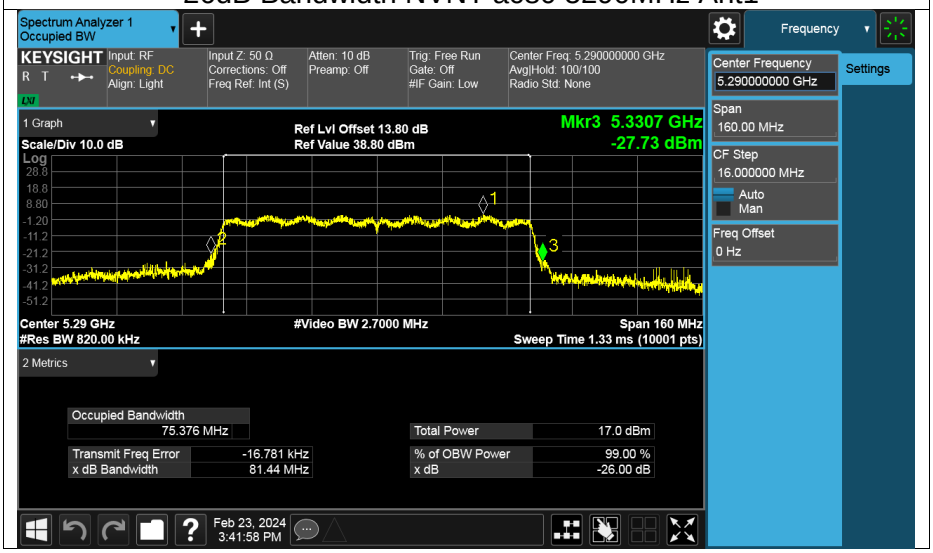
-26dB Bandwidth NVNT n40 5795MHz Ant1



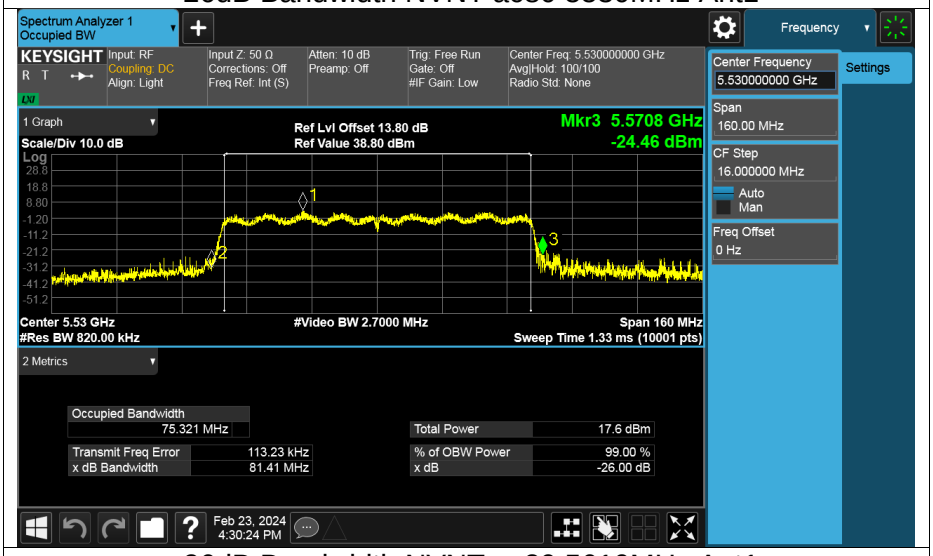
-26dB Bandwidth NVNT ac80 5210MHz Ant1



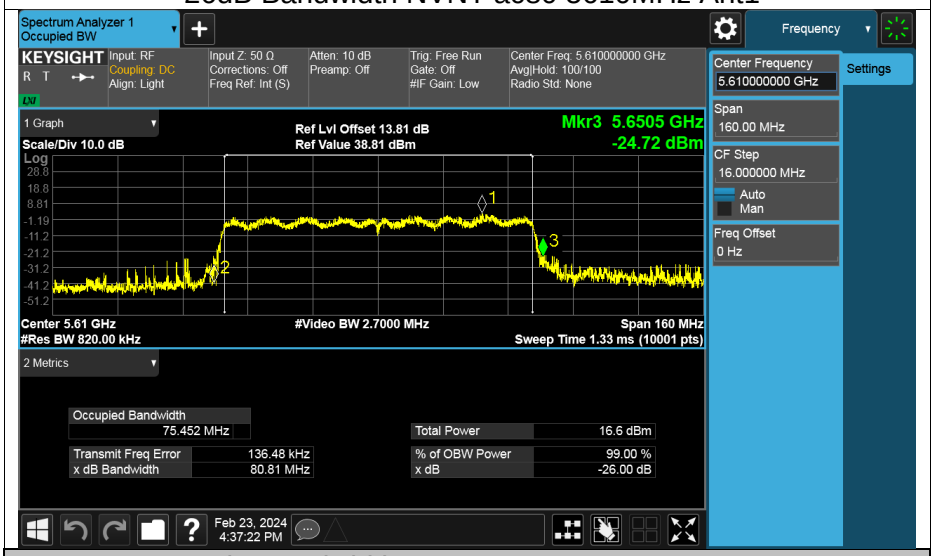
-26dB Bandwidth NVNT ac80 5290MHz Ant1



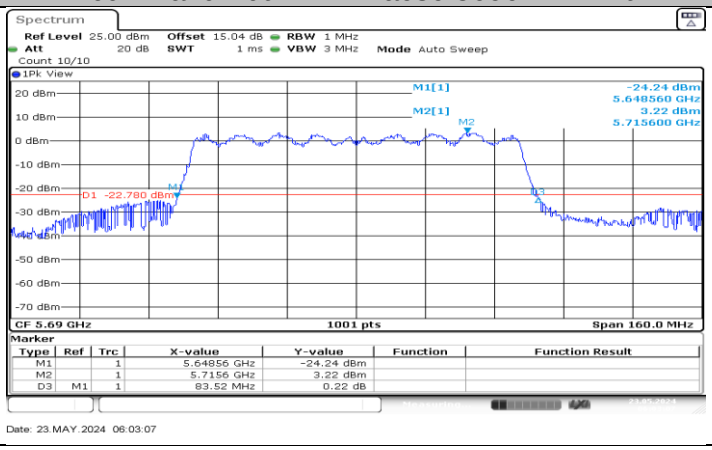
-26dB Bandwidth NVNT ac80 5530MHz Ant1



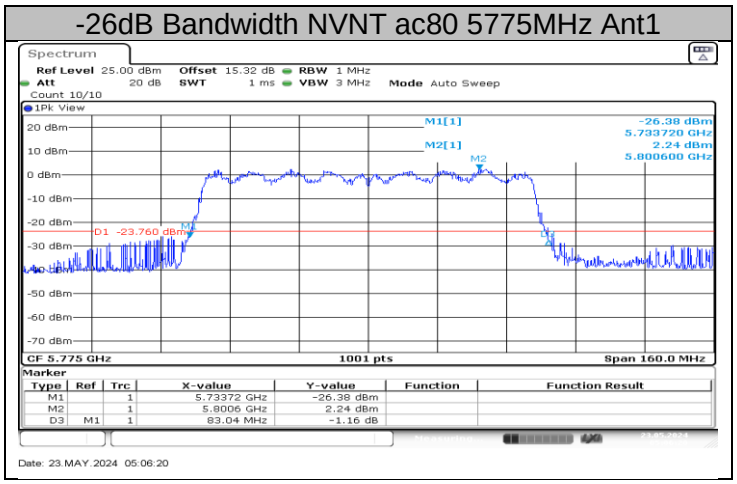
-26dB Bandwidth NVNT ac80 5610MHz Ant1



-26dB Bandwidth NVNT ac80 5690MHz Ant1



-26dB Bandwidth NVNT ac80 5775MHz Ant1

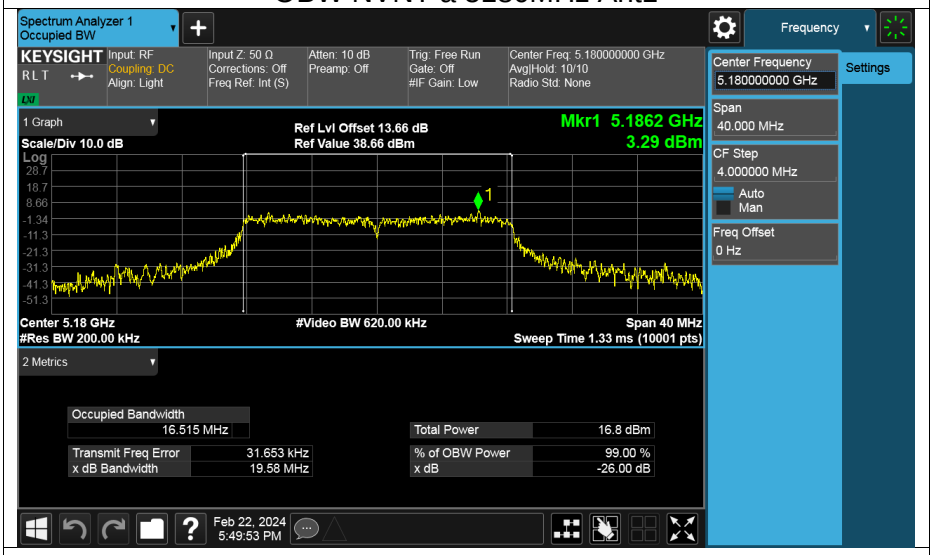


11.3. APPENDIX C: OCCUPIED CHANNEL BANDWIDTH

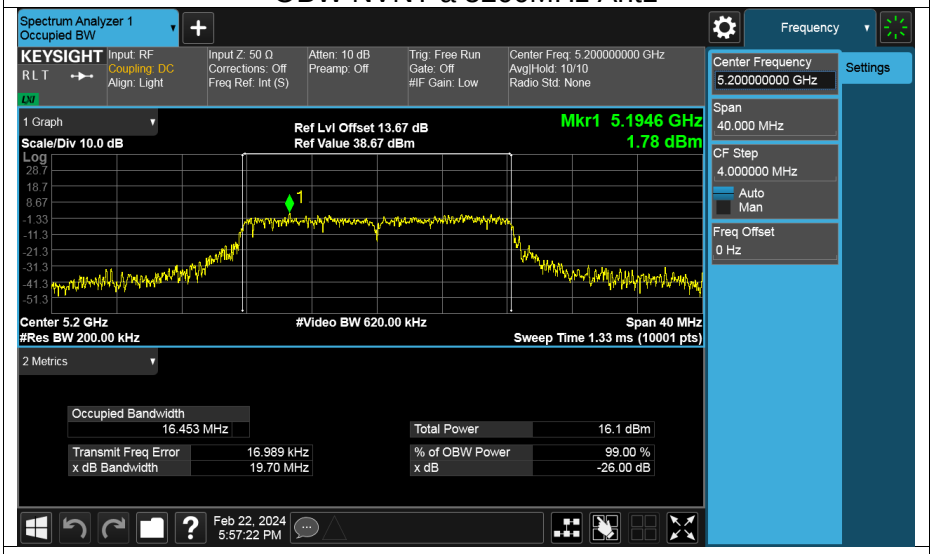
Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
a	5180	Ant1	16.515
a	5200	Ant1	16.453
a	5240	Ant1	16.465
a	5260	Ant1	16.493
a	5280	Ant1	16.466
a	5320	Ant1	16.476
a	5500	Ant1	16.532
a	5580	Ant1	16.748
a	5700	Ant1	16.58
a	5720 Low	Ant1	13.4095
a	5720 High	Ant1	3.4095
a	5745	Ant1	16.479
a	5785	Ant1	16.566
a	5825	Ant1	16.514
n20	5180	Ant1	17.599
n20	5200	Ant1	17.686
n20	5240	Ant1	17.693
n20	5260	Ant1	17.649
n20	5280	Ant1	17.58
n20	5320	Ant1	17.64
n20	5500	Ant1	17.673
n20	5580	Ant1	17.826
n20	5700	Ant1	17.696
n20	5720 Low	Ant1	13.866
n20	5720 High	Ant1	3.866
n20	5745	Ant1	17.746
n20	5785	Ant1	17.729
n20	5825	Ant1	17.623
n40	5190	Ant1	36.151
n40	5230	Ant1	36.114
n40	5270	Ant1	36.01
n40	5310	Ant1	36.078
n40	5510	Ant1	36.145
n40	5550	Ant1	36.092
n40	5670	Ant1	36.262
n40	5710 Low	Ant1	33.1295
n40	5710 High	Ant1	3.1295
n40	5755	Ant1	36.099
n40	5795	Ant1	36.136
ac80	5210	Ant1	75.325
ac80	5290	Ant1	75.301
ac80	5530	Ant1	75.35
ac80	5610	Ant1	75.461
ac80	5690 Low	Ant1	72.759
ac80	5690 High	Ant1	2.759
ac80	5775	Ant1	75.391

Test Graphs

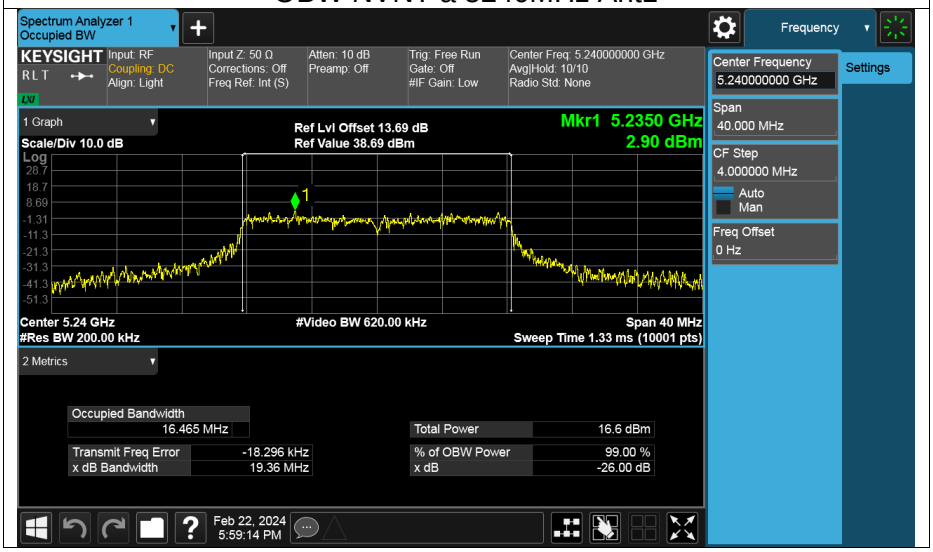
OBW NVNT a 5180MHz Ant1



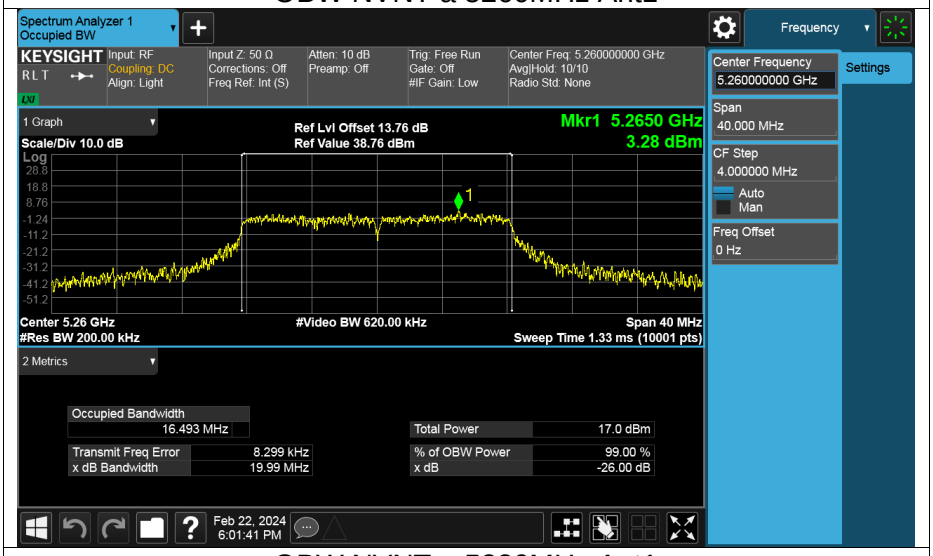
OBW NVNT a 5200MHz Ant1



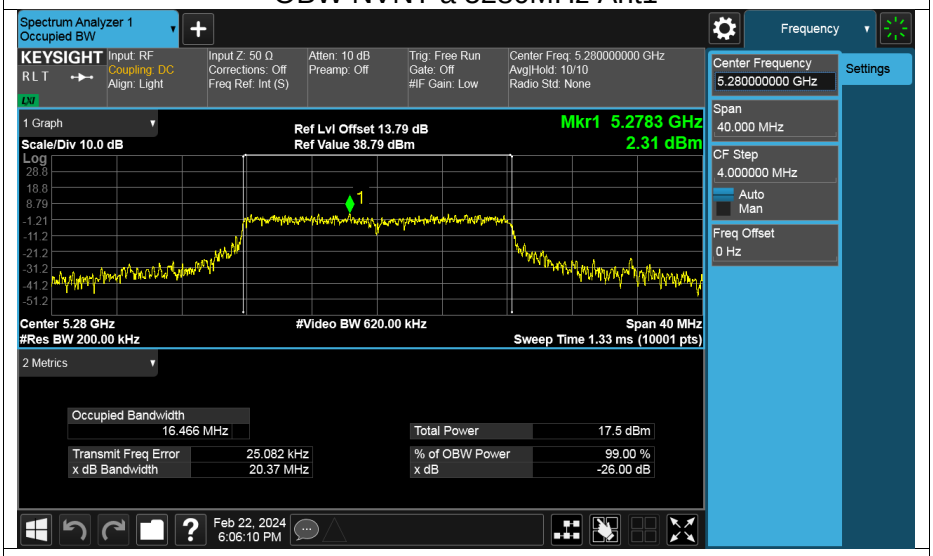
OBW NVNT a 5240MHz Ant1



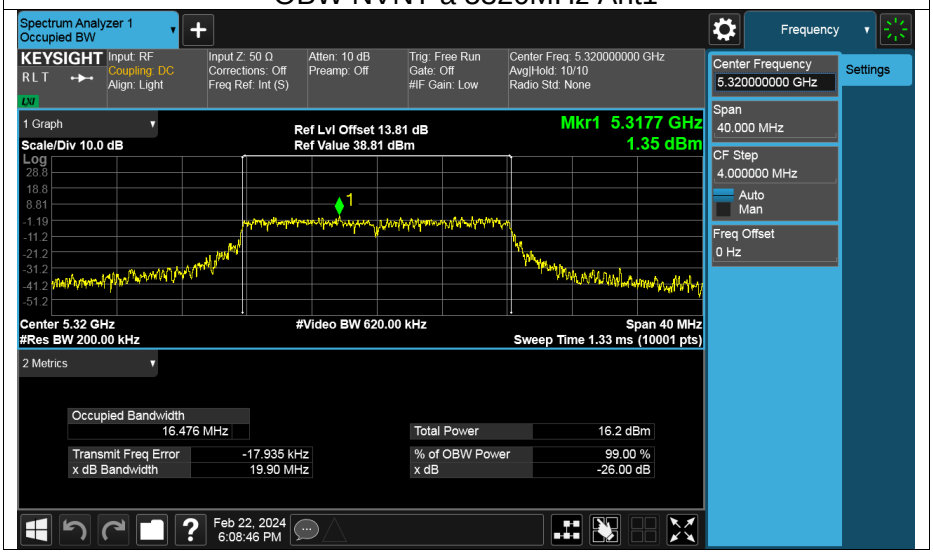
OBW NVNT a 5260MHz Ant1



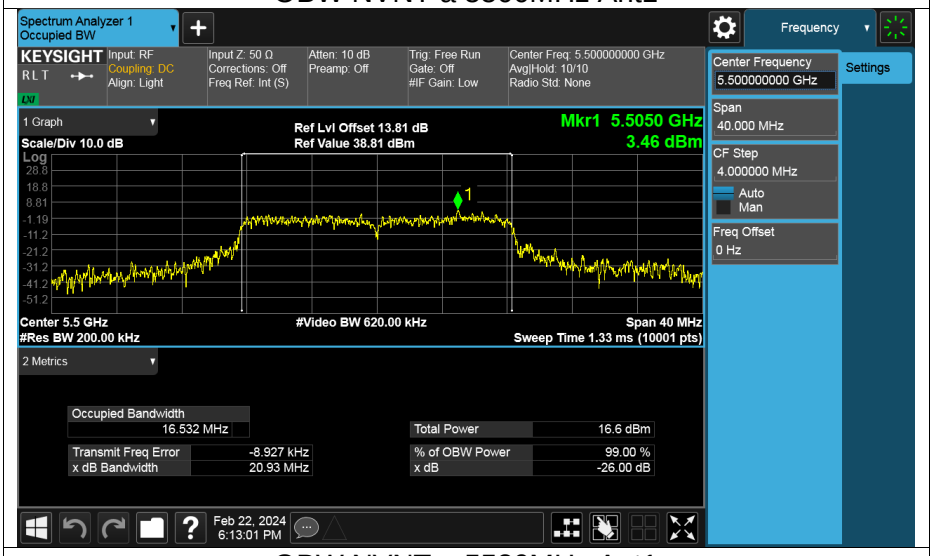
OBW NVNT a 5280MHz Ant1



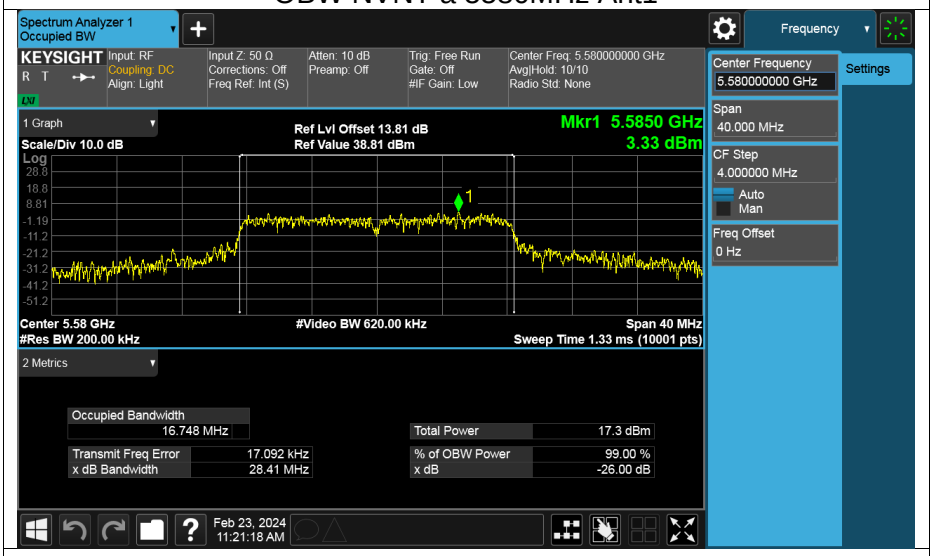
OBW NVNT a 5320MHz Ant1



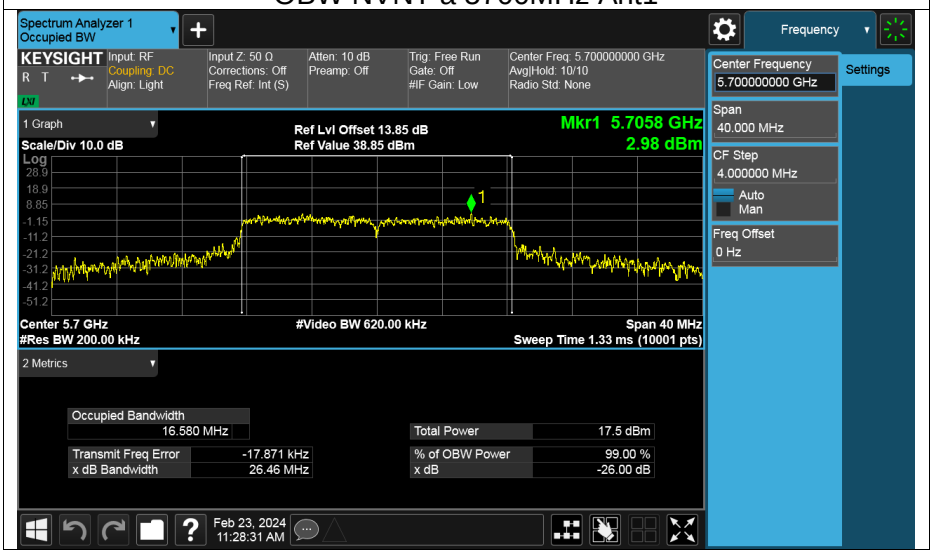
OBW NVNT a 5500MHz Ant1



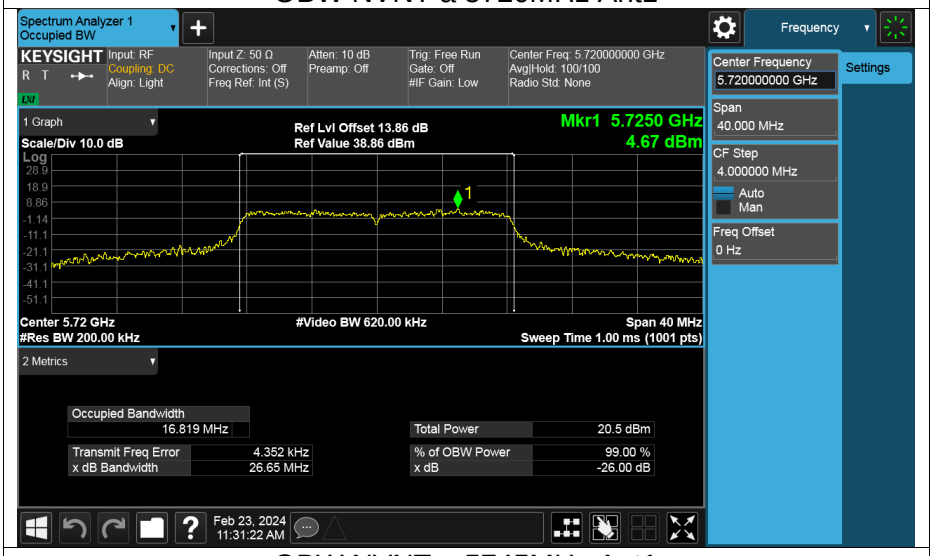
OBW NVNT a 5580MHz Ant1



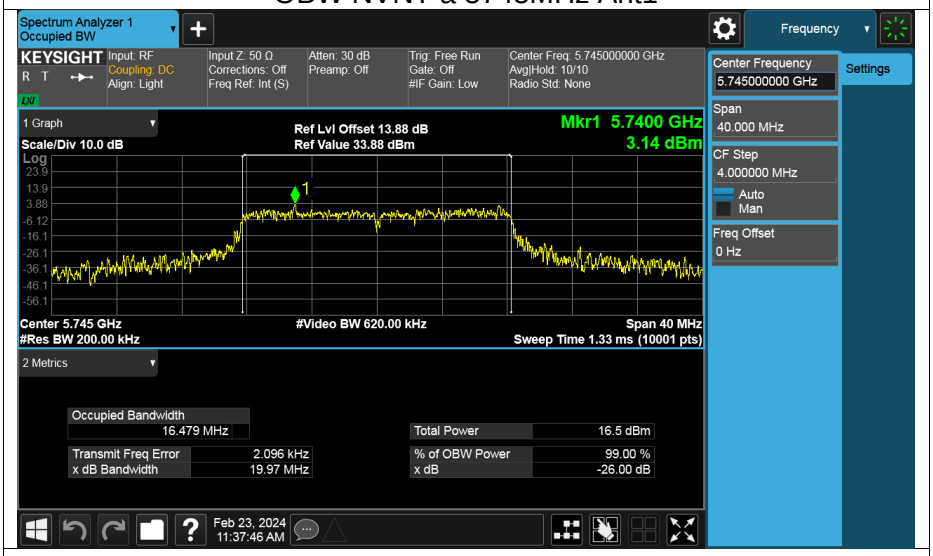
OBW NVNT a 5700MHz Ant1



OBW NVNT a 5720MHz Ant1



OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1