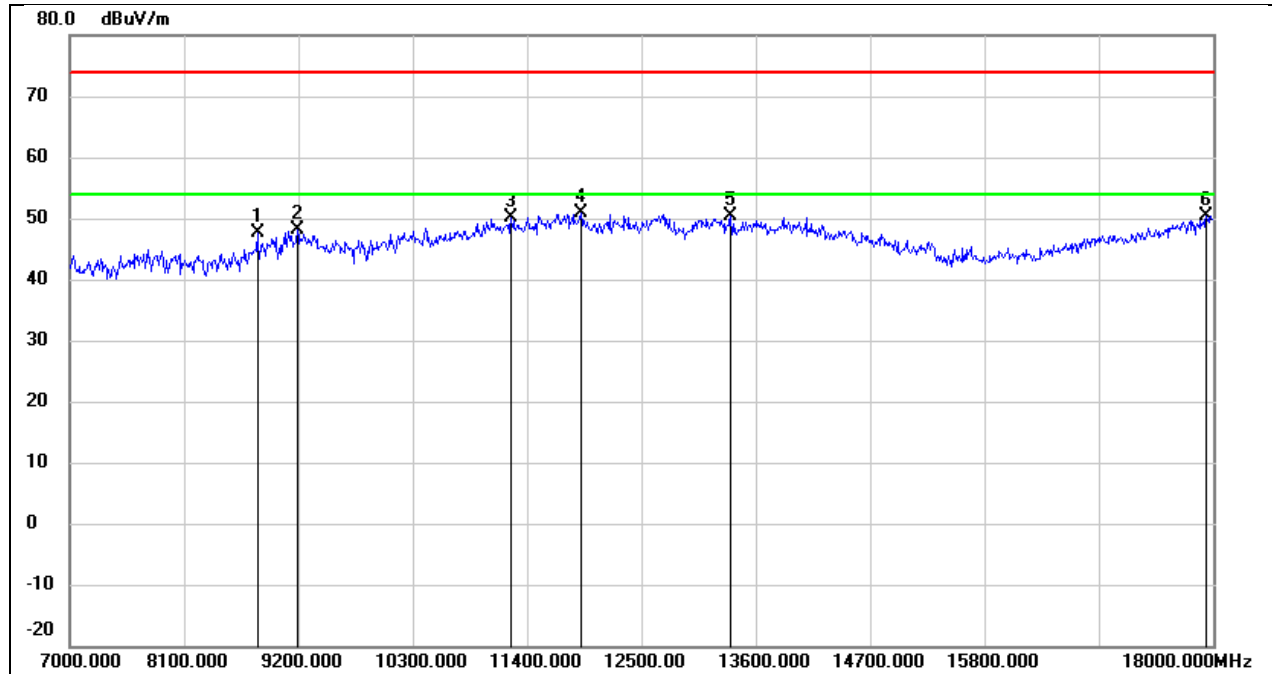
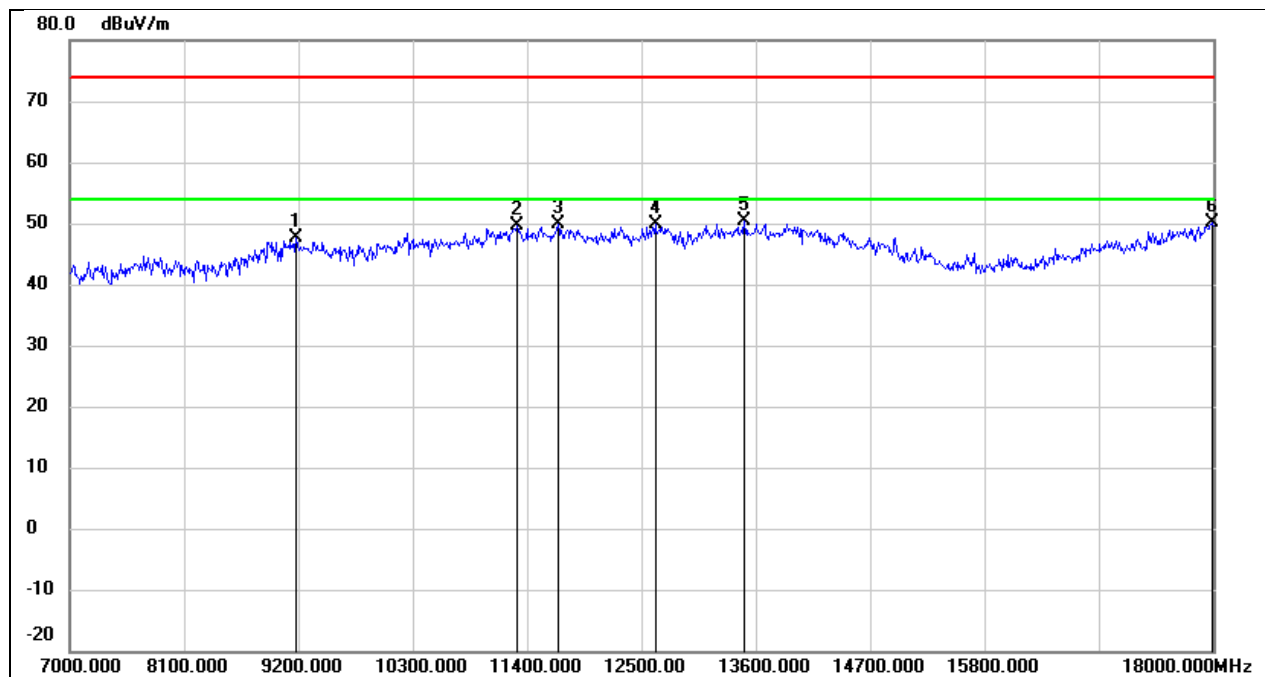


Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



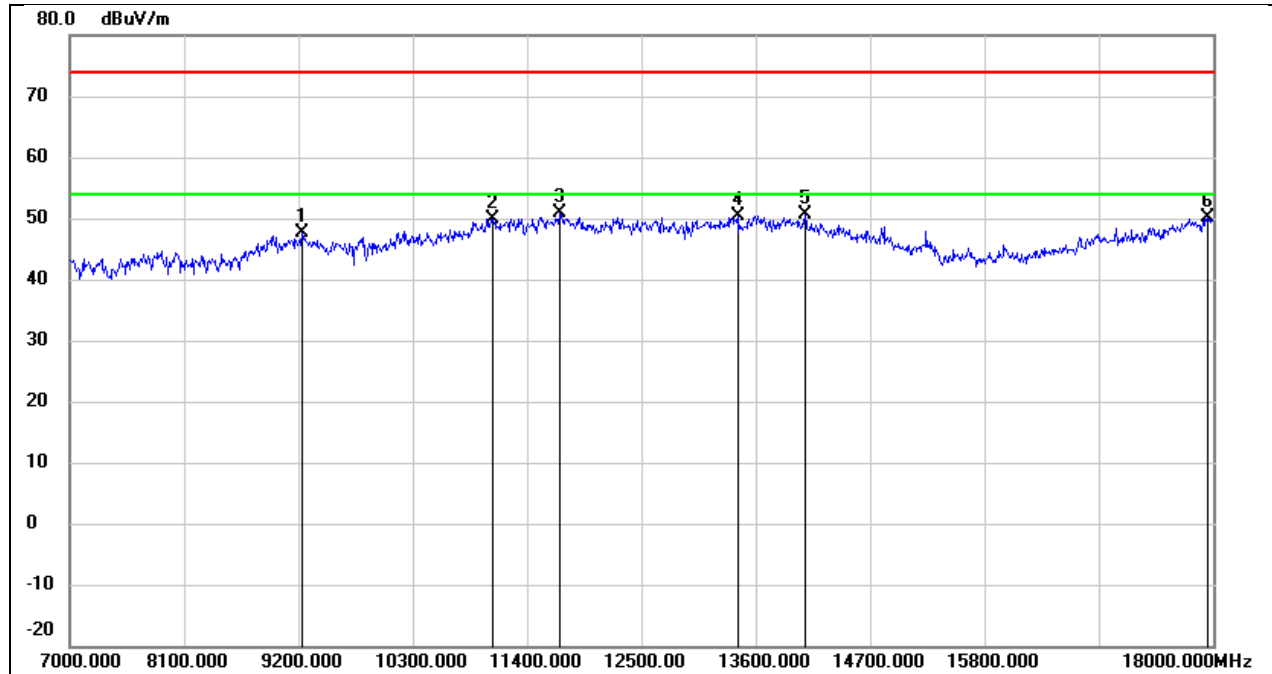
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8804.000	38.72	8.98	47.70	74.00	-26.30	peak
2	9189.000	37.70	10.46	48.16	74.00	-25.84	peak
3	11246.000	34.51	15.73	50.24	74.00	-23.76	peak
4	11917.000	33.25	17.54	50.79	74.00	-23.21	peak
5	13358.000	30.41	20.02	50.43	74.00	-23.57	peak
6	17934.000	24.67	25.67	50.34	74.00	-23.66	peak

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



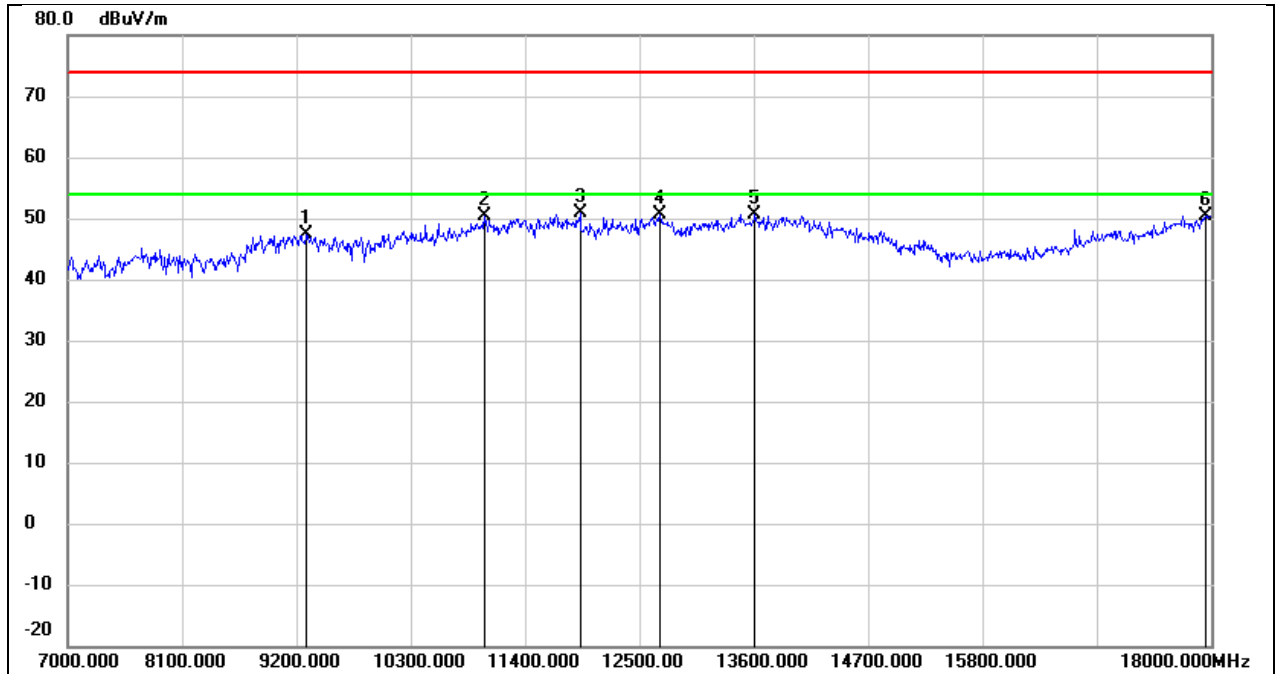
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9178.000	37.25	10.45	47.70	74.00	-26.30	peak
2	11301.000	33.68	15.95	49.63	74.00	-24.37	peak
3	11697.000	32.86	17.13	49.99	74.00	-24.01	peak
4	12632.000	31.79	17.99	49.78	74.00	-24.22	peak
5	13490.000	29.72	20.60	50.32	74.00	-23.68	peak
6	17989.000	24.01	26.04	50.05	74.00	-23.95	peak

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



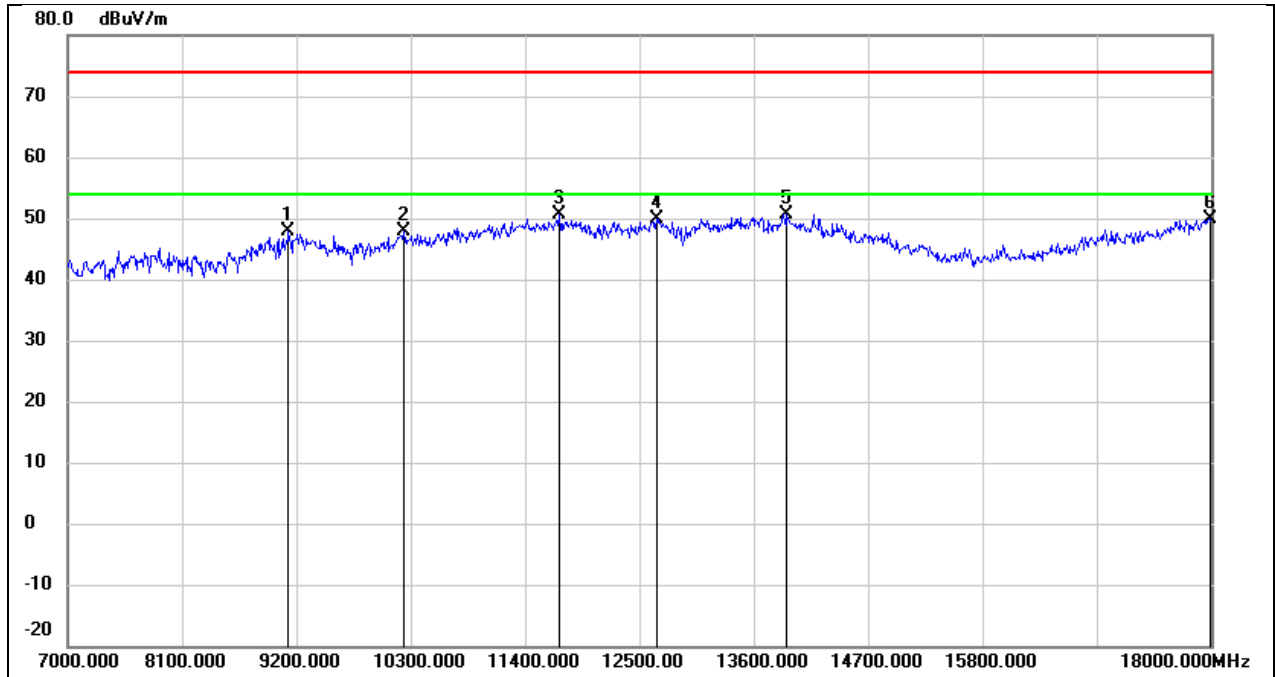
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	37.27	10.48	47.75	74.00	-26.25	peak
2	11070.000	34.84	15.01	49.85	74.00	-24.15	peak
3	11708.000	33.83	17.16	50.99	74.00	-23.01	peak
4	13424.000	30.11	20.30	50.41	74.00	-23.59	peak
5	14073.000	29.05	21.57	50.62	74.00	-23.38	peak
6	17945.000	24.27	25.75	50.02	74.00	-23.98	peak

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



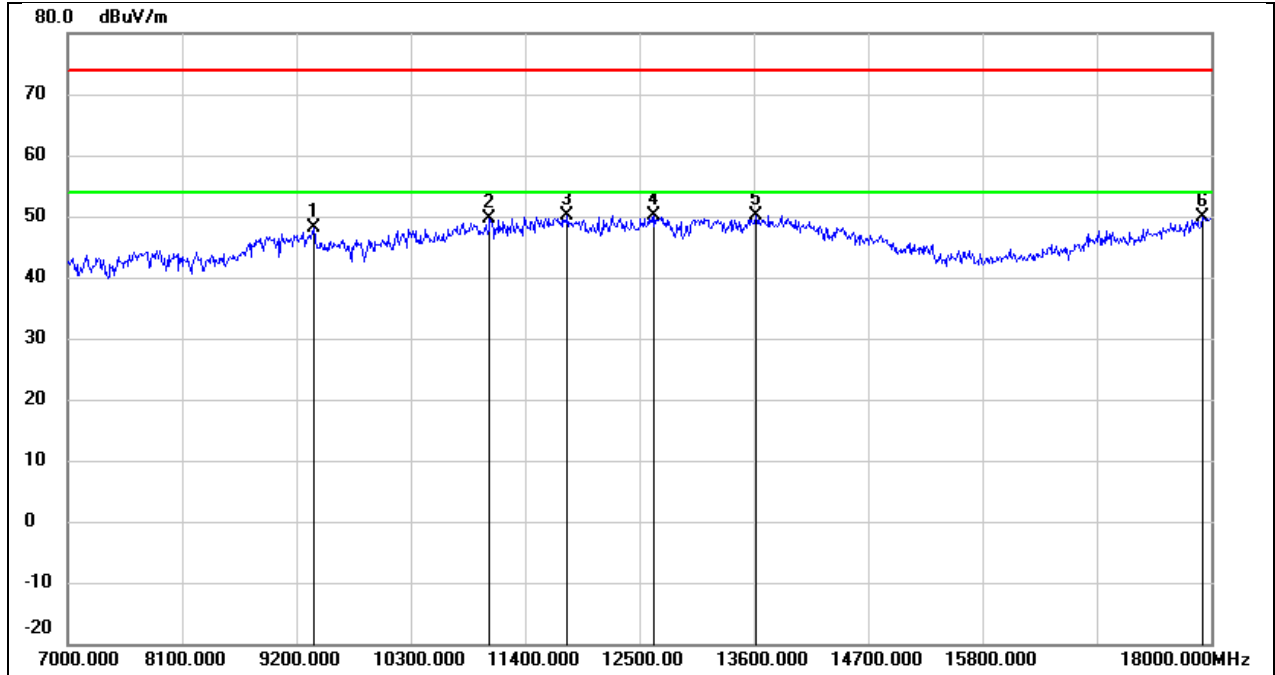
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9299.000	36.79	10.53	47.32	74.00	-26.68	peak
2	11004.000	35.67	14.74	50.41	74.00	-23.59	peak
3	11928.000	33.43	17.57	51.00	74.00	-23.00	peak
4	12698.000	32.62	18.08	50.70	74.00	-23.30	peak
5	13611.000	29.65	20.92	50.57	74.00	-23.43	peak
6	17945.000	24.66	25.75	50.41	74.00	-23.59	peak

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



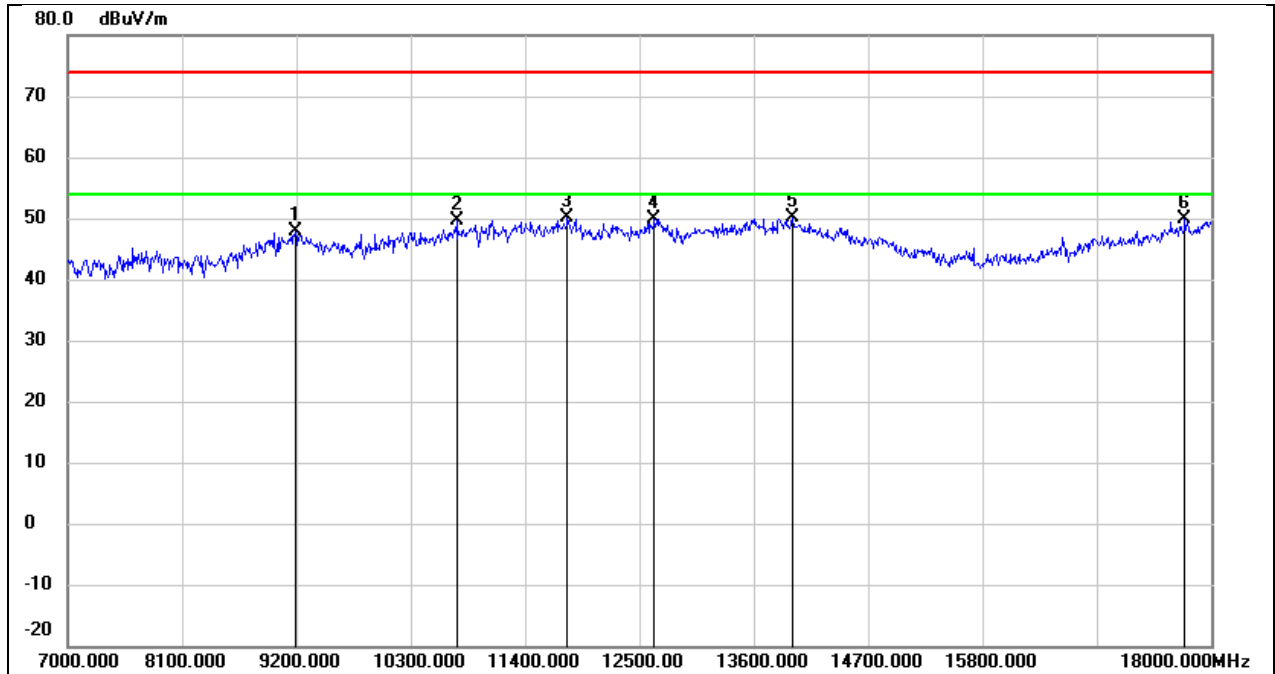
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9123.000	37.37	10.42	47.79	74.00	-26.21	peak
2	10234.000	35.55	12.26	47.81	74.00	-26.19	peak
3	11730.000	33.41	17.19	50.60	74.00	-23.40	peak
4	12665.000	31.73	18.04	49.77	74.00	-24.23	peak
5	13919.000	28.95	21.68	50.63	74.00	-23.37	peak
6	17989.000	23.92	26.04	49.96	74.00	-24.04	peak

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



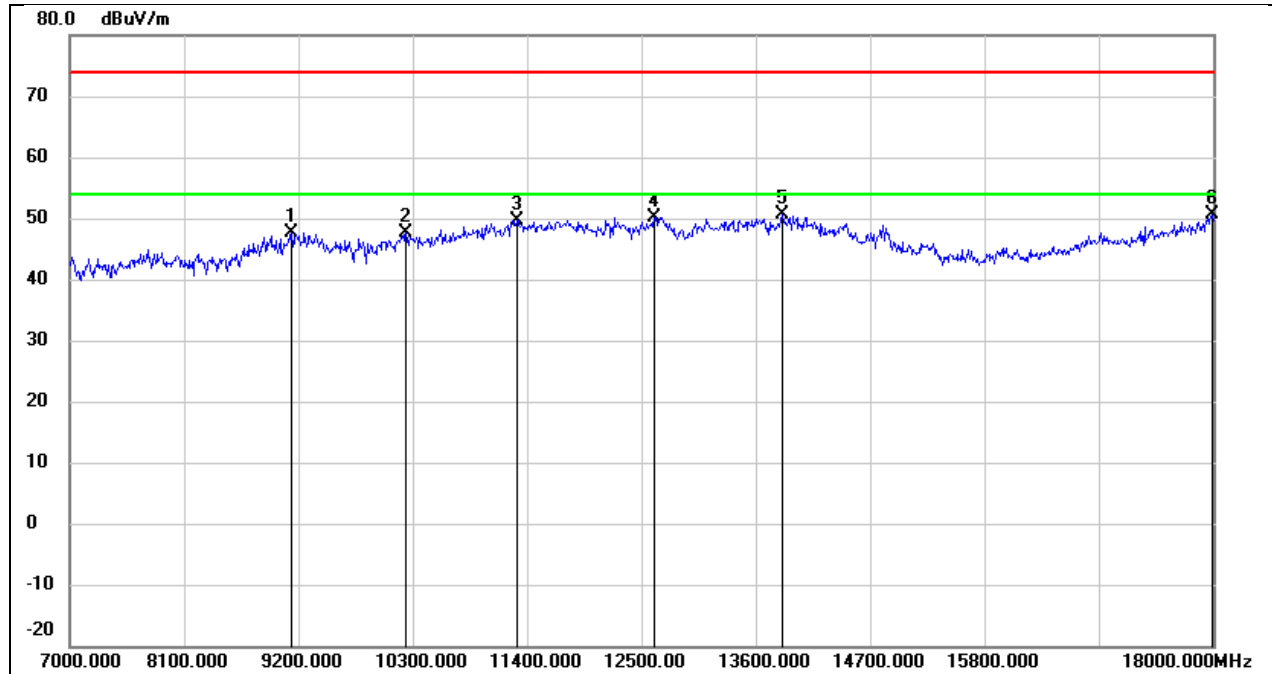
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9365.000	37.51	10.57	48.08	74.00	-25.92	peak
2	11059.000	34.67	14.96	49.63	74.00	-24.37	peak
3	11807.000	32.85	17.34	50.19	74.00	-23.81	peak
4	12643.000	32.02	18.01	50.03	74.00	-23.97	peak
5	13622.000	29.22	20.95	50.17	74.00	-23.83	peak
6	17912.000	24.24	25.52	49.76	74.00	-24.24	peak

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



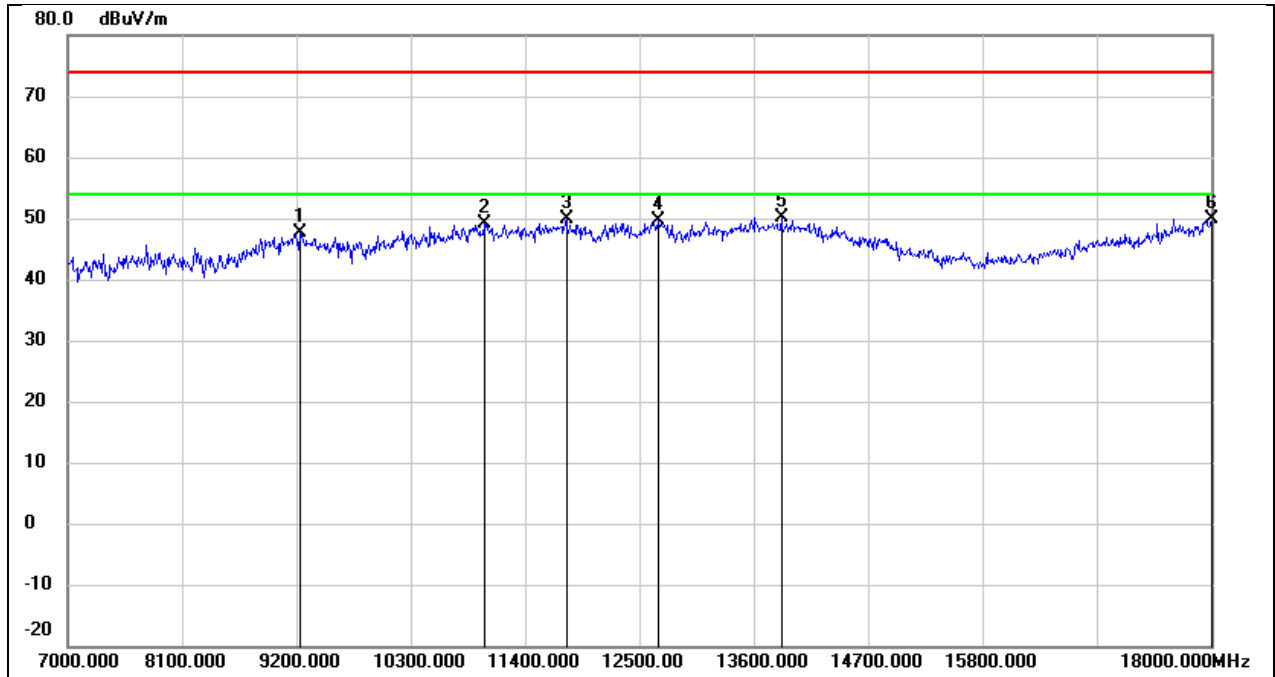
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	37.36	10.46	47.82	74.00	-26.18	peak
2	10740.000	35.78	13.73	49.51	74.00	-24.49	peak
3	11807.000	32.85	17.34	50.19	74.00	-23.81	peak
4	12643.000	31.98	18.01	49.99	74.00	-24.01	peak
5	13974.000	28.41	21.82	50.23	74.00	-23.77	peak
6	17747.000	25.54	24.39	49.93	74.00	-24.07	peak

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



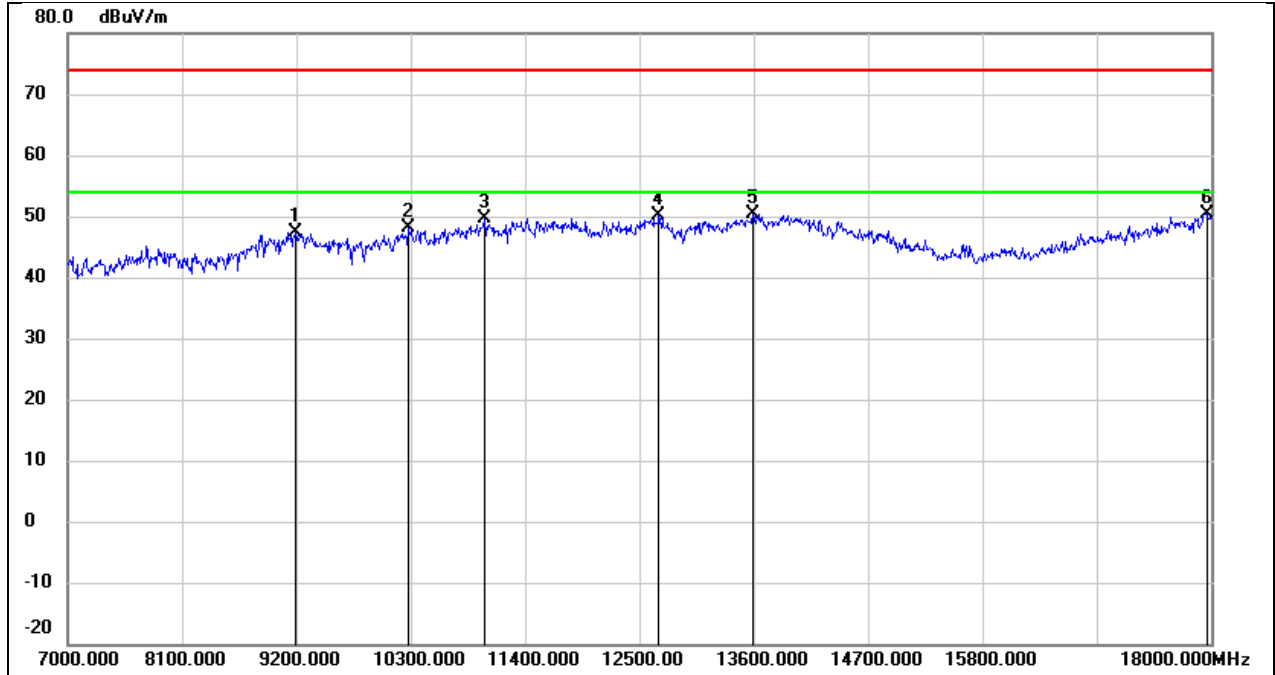
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	37.28	10.41	47.69	74.00	-26.31	peak
2	10234.000	35.28	12.26	47.54	74.00	-26.46	peak
3	11301.000	33.66	15.95	49.61	74.00	-24.39	peak
4	12621.000	32.17	17.98	50.15	74.00	-23.85	peak
5	13853.000	29.21	21.52	50.73	74.00	-23.27	peak
6	17989.000	24.68	26.04	50.72	74.00	-23.28	peak

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



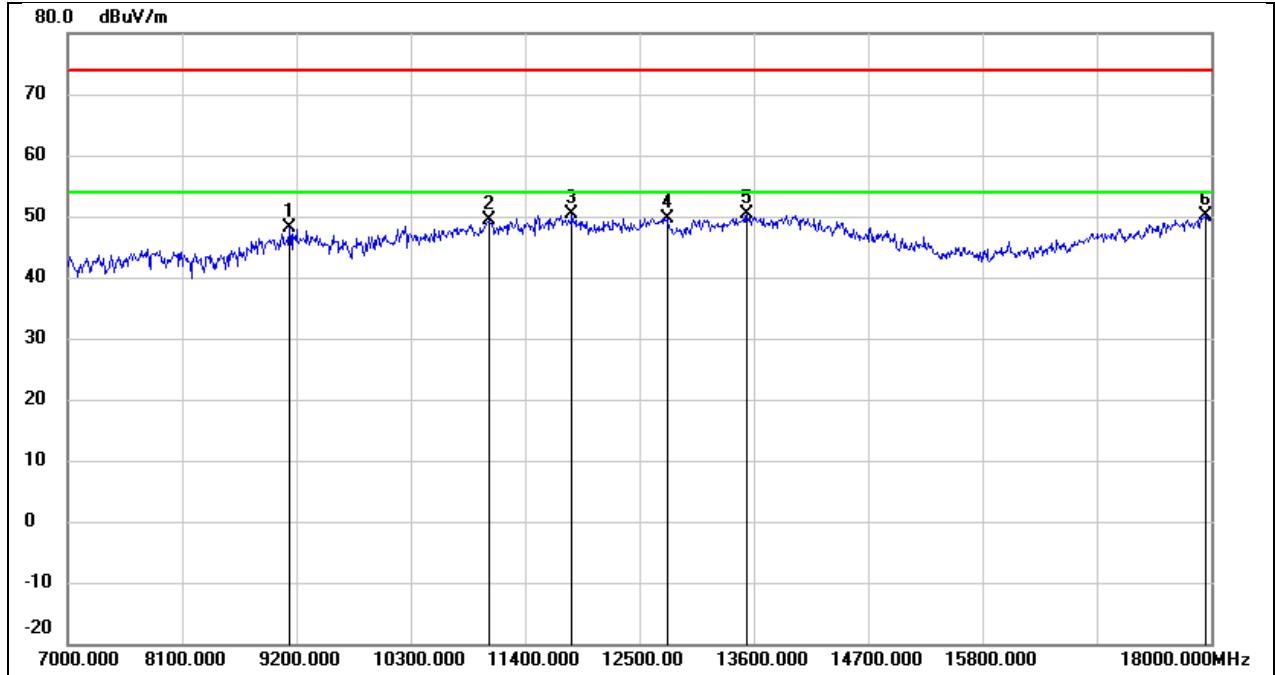
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	37.12	10.48	47.60	74.00	-26.40	peak
2	11004.000	34.48	14.74	49.22	74.00	-24.78	peak
3	11796.000	32.49	17.32	49.81	74.00	-24.19	peak
4	12687.000	31.53	18.05	49.58	74.00	-24.42	peak
5	13864.000	28.57	21.53	50.10	74.00	-23.90	peak
6	18000.000	23.66	26.12	49.78	74.00	-24.22	peak

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



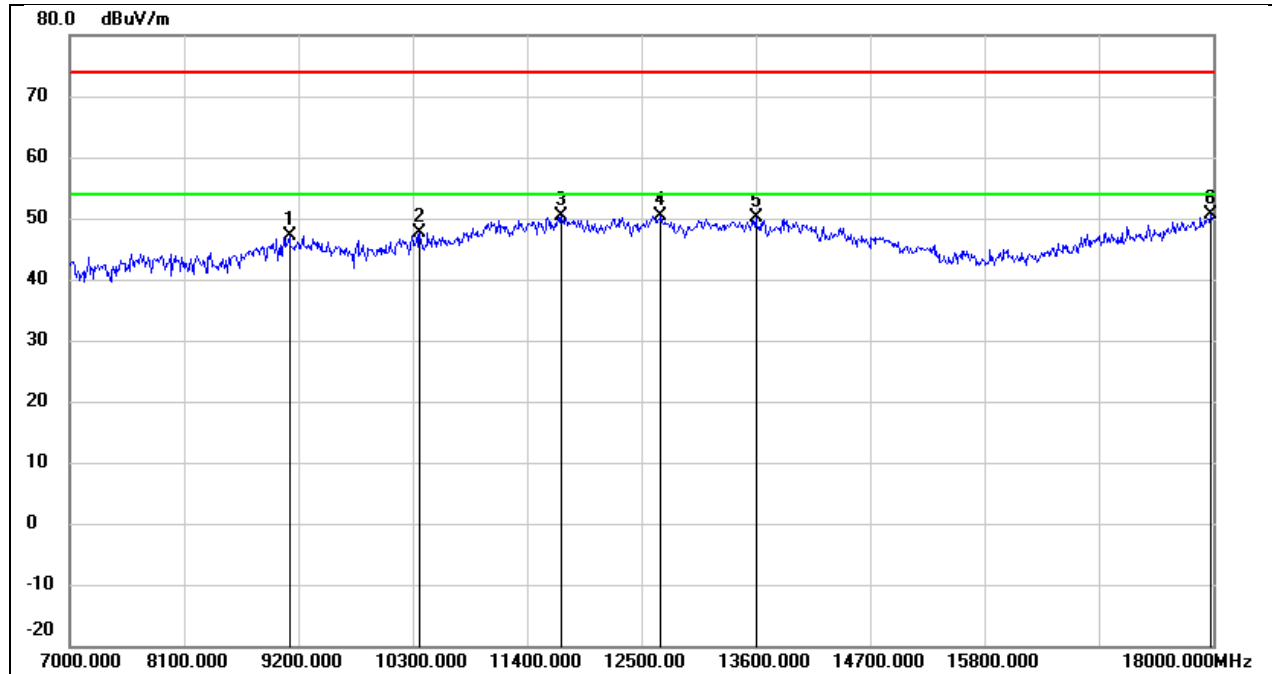
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	36.90	10.46	47.36	74.00	-26.64	peak
2	10278.000	35.89	12.35	48.24	74.00	-25.76	peak
3	11015.000	34.95	14.79	49.74	74.00	-24.26	peak
4	12687.000	32.04	18.05	50.09	74.00	-23.91	peak
5	13589.000	29.52	20.86	50.38	74.00	-23.62	peak
6	17956.000	24.59	25.82	50.41	74.00	-23.59	peak

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



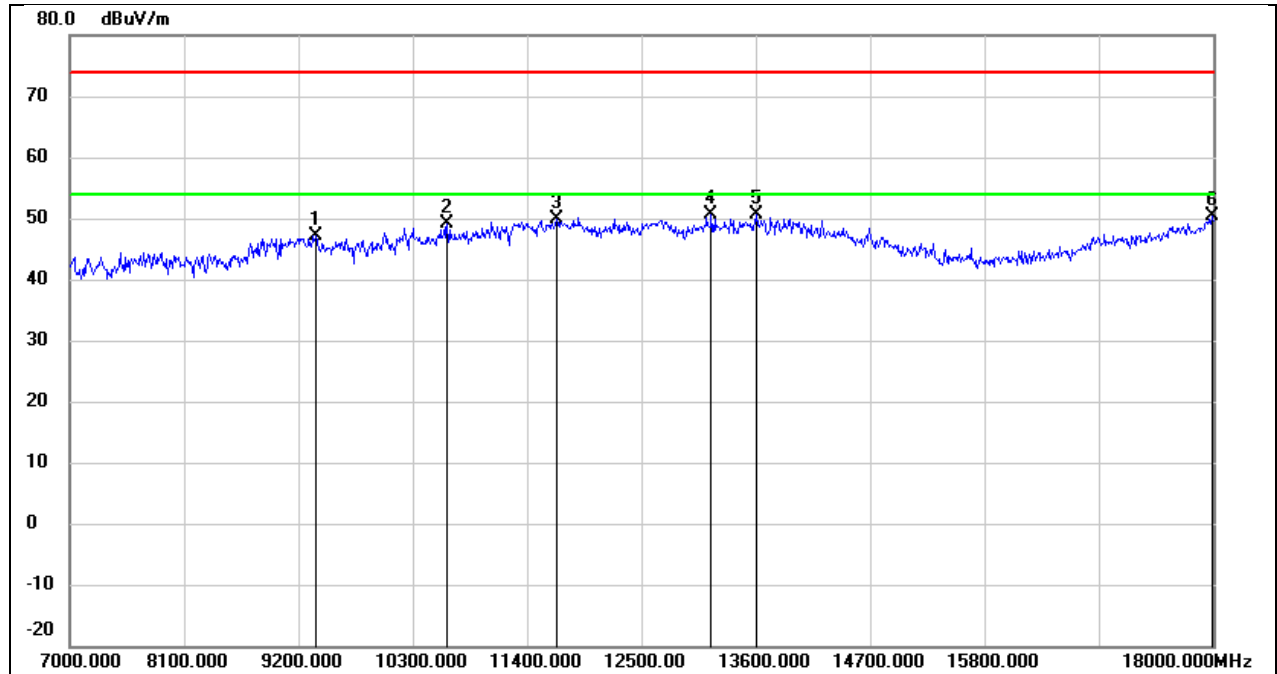
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	37.77	10.41	48.18	74.00	-25.82	peak
2	11048.000	34.50	14.91	49.41	74.00	-24.59	peak
3	11851.000	33.02	17.43	50.45	74.00	-23.55	peak
4	12775.000	31.57	18.17	49.74	74.00	-24.26	peak
5	13534.000	29.66	20.73	50.39	74.00	-23.61	peak
6	17945.000	24.33	25.75	50.08	74.00	-23.92	peak

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



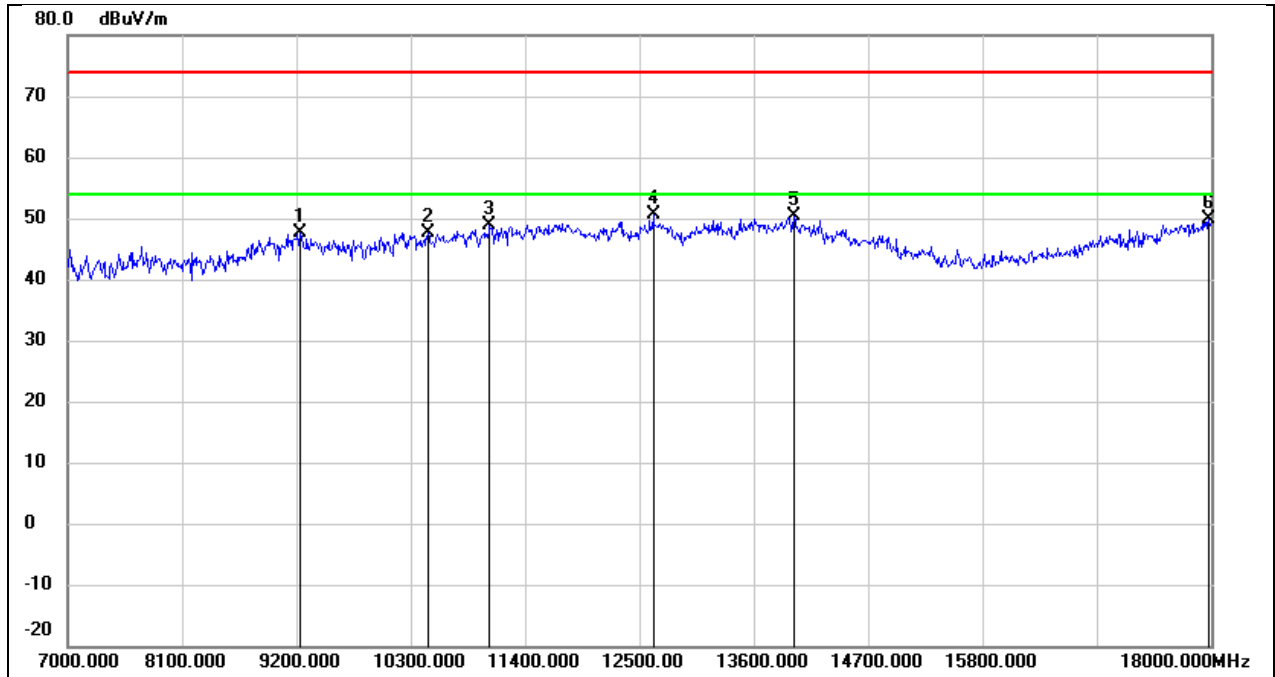
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9112.000	36.78	10.41	47.19	74.00	-26.81	peak
2	10366.000	35.16	12.54	47.70	74.00	-26.30	peak
3	11730.000	33.15	17.19	50.34	74.00	-23.66	peak
4	12687.000	32.31	18.05	50.36	74.00	-23.64	peak
5	13600.000	29.34	20.89	50.23	74.00	-23.77	peak
6	17978.000	24.76	25.97	50.73	74.00	-23.27	peak

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



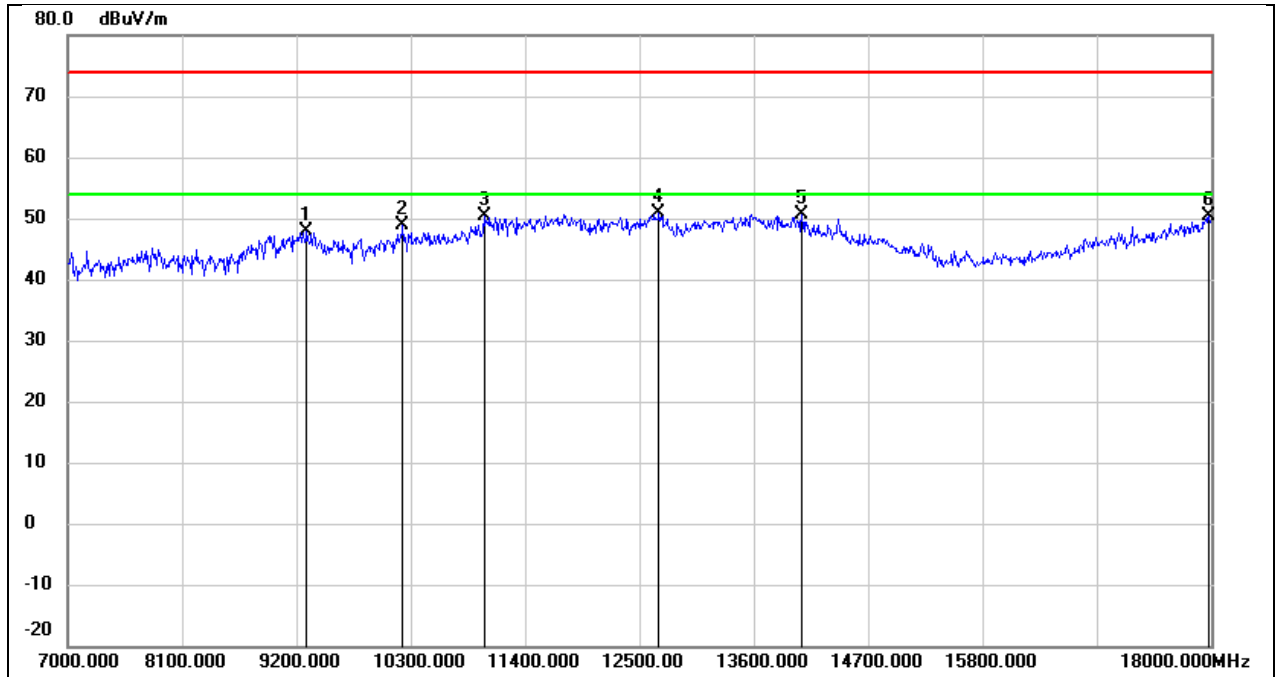
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9365.000	36.53	10.57	47.10	74.00	-26.90	peak
2	10630.000	35.81	13.31	49.12	74.00	-24.88	peak
3	11686.000	32.76	17.12	49.88	74.00	-24.12	peak
4	13171.000	31.32	19.20	50.52	74.00	-23.48	peak
5	13611.000	29.71	20.92	50.63	74.00	-23.37	peak
6	17989.000	24.37	26.04	50.41	74.00	-23.59	peak

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



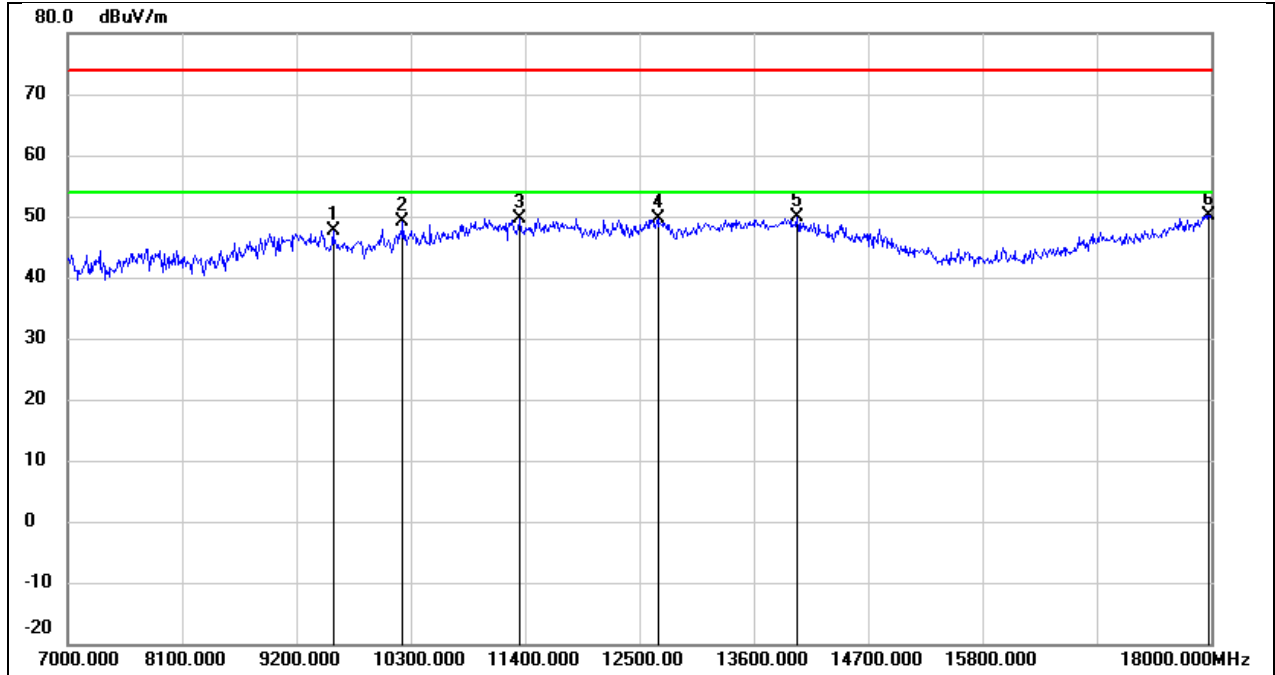
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	37.07	10.48	47.55	74.00	-26.45	peak
2	10465.000	34.92	12.75	47.67	74.00	-26.33	peak
3	11059.000	33.95	14.96	48.91	74.00	-25.09	peak
4	12632.000	32.54	17.99	50.53	74.00	-23.47	peak
5	13985.000	28.52	21.85	50.37	74.00	-23.63	peak
6	17978.000	23.82	25.97	49.79	74.00	-24.21	peak

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



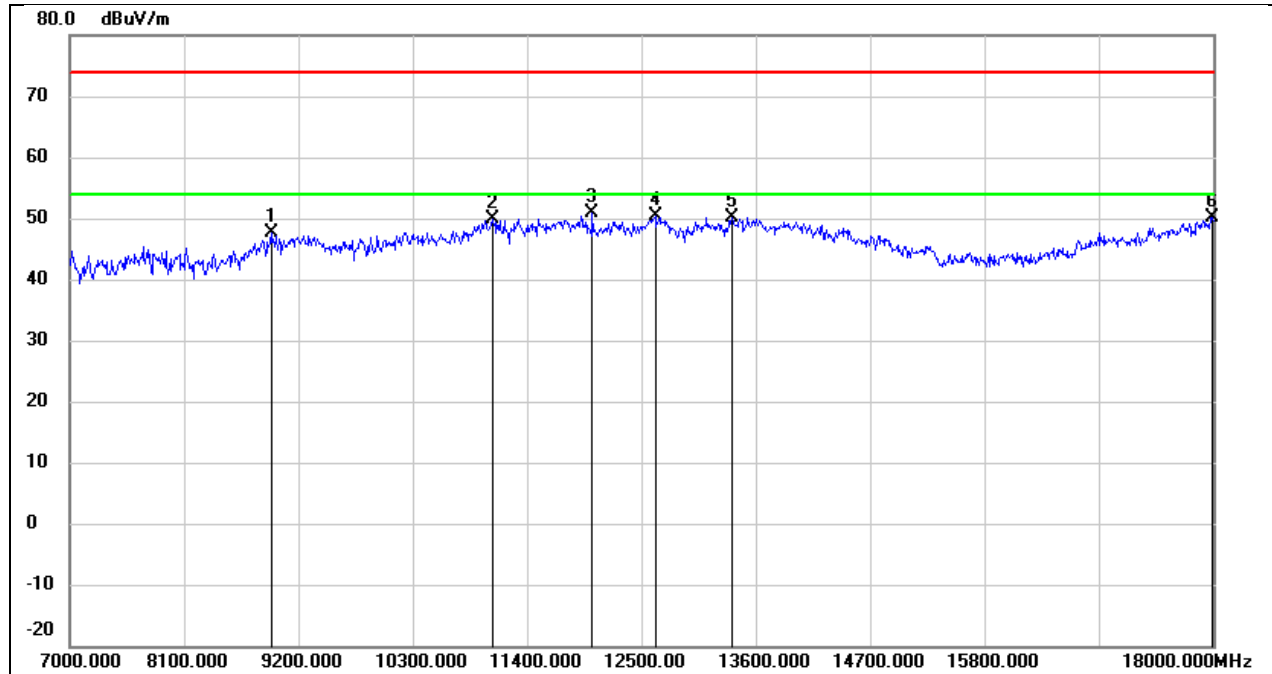
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9299.000	37.30	10.53	47.83	74.00	-26.17	peak
2	10223.000	36.54	12.24	48.78	74.00	-25.22	peak
3	11004.000	35.69	14.74	50.43	74.00	-23.57	peak
4	12687.000	32.86	18.05	50.91	74.00	-23.09	peak
5	14062.000	29.03	21.62	50.65	74.00	-23.35	peak
6	17978.000	24.31	25.97	50.28	74.00	-23.72	peak

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



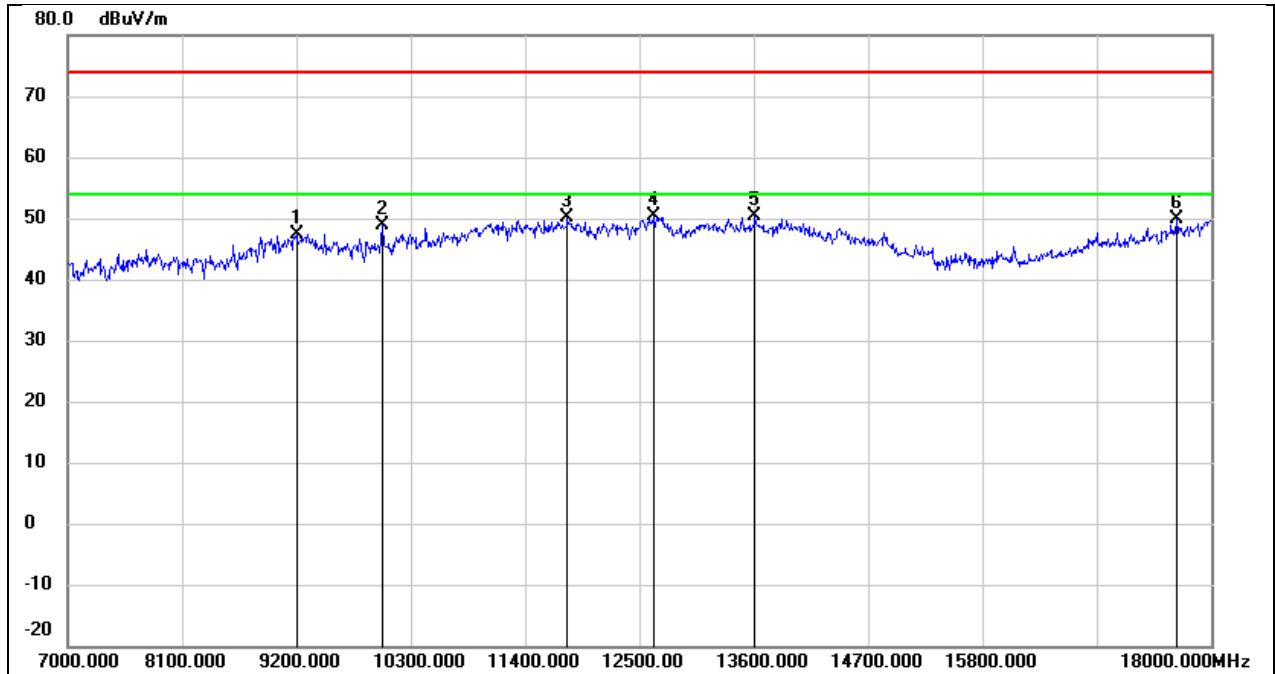
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9552.000	36.84	10.76	47.60	74.00	-26.40	peak
2	10223.000	36.88	12.24	49.12	74.00	-24.88	peak
3	11345.000	33.58	16.14	49.72	74.00	-24.28	peak
4	12676.000	31.66	18.05	49.71	74.00	-24.29	peak
5	14018.000	28.00	21.80	49.80	74.00	-24.20	peak
6	17978.000	24.23	25.97	50.20	74.00	-23.80	peak

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



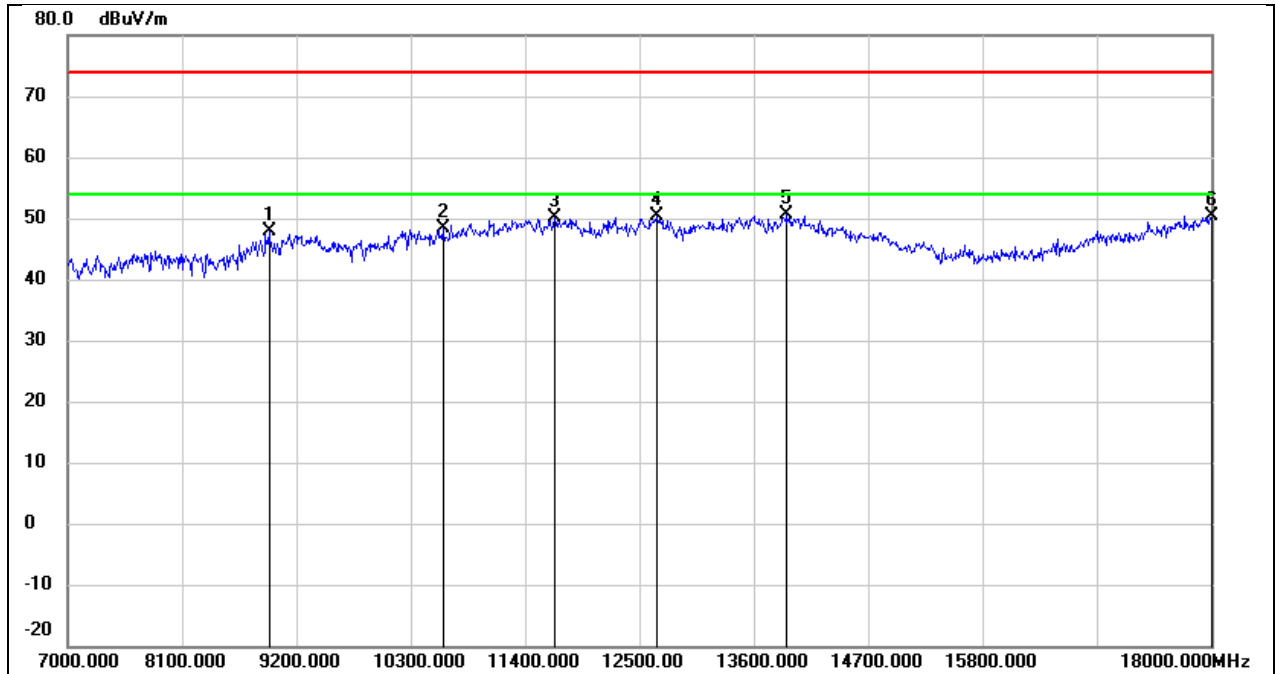
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	37.71	9.90	47.61	74.00	-26.39	peak
2	11070.000	34.92	15.01	49.93	74.00	-24.07	peak
3	12027.000	33.26	17.70	50.96	74.00	-23.04	peak
4	12632.000	32.39	17.99	50.38	74.00	-23.62	peak
5	13369.000	30.16	20.06	50.22	74.00	-23.78	peak
6	17989.000	24.13	26.04	50.17	74.00	-23.83	peak

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



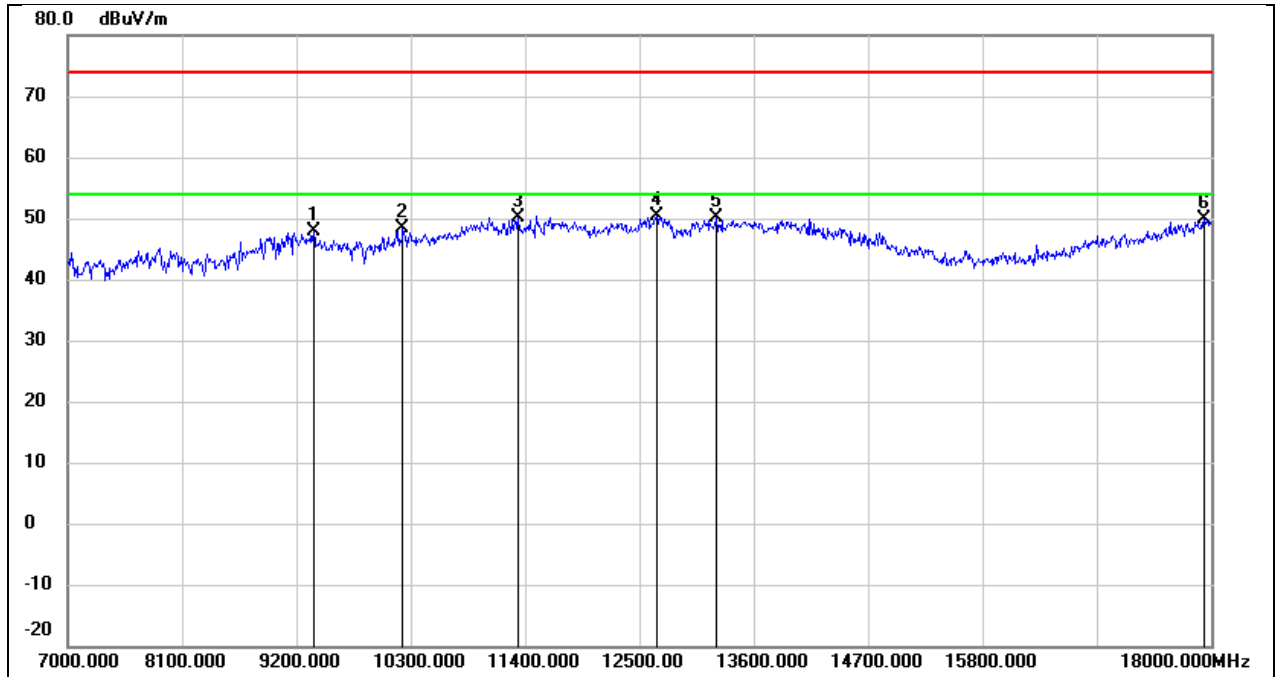
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9200.000	37.04	10.46	47.50	74.00	-26.50	peak
2	10025.000	36.99	11.82	48.81	74.00	-25.19	peak
3	11807.000	32.79	17.34	50.13	74.00	-23.87	peak
4	12643.000	32.40	18.01	50.41	74.00	-23.59	peak
5	13611.000	29.57	20.92	50.49	74.00	-23.51	peak
6	17670.000	26.08	23.86	49.94	74.00	-24.06	peak

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



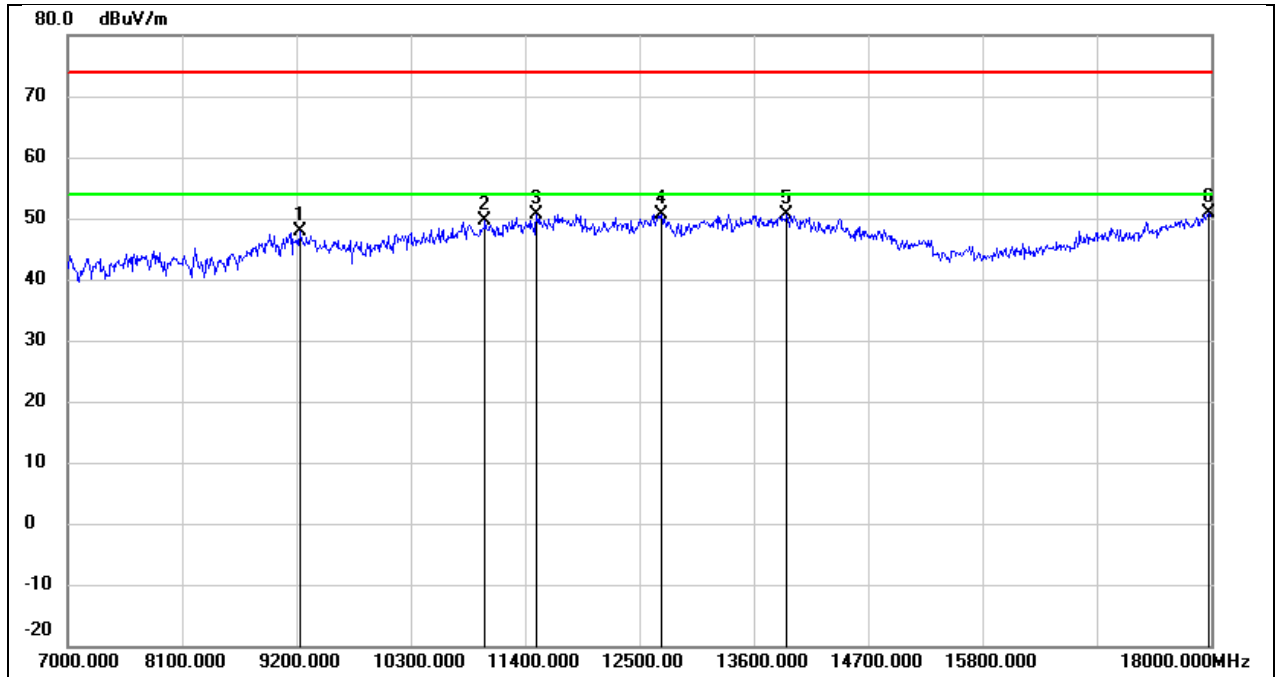
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	38.08	9.90	47.98	74.00	-26.02	peak
2	10608.000	35.19	13.23	48.42	74.00	-25.58	peak
3	11686.000	32.97	17.12	50.09	74.00	-23.91	peak
4	12665.000	32.25	18.04	50.29	74.00	-23.71	peak
5	13919.000	29.01	21.68	50.69	74.00	-23.31	peak
6	18000.000	24.37	26.12	50.49	74.00	-23.51	peak

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



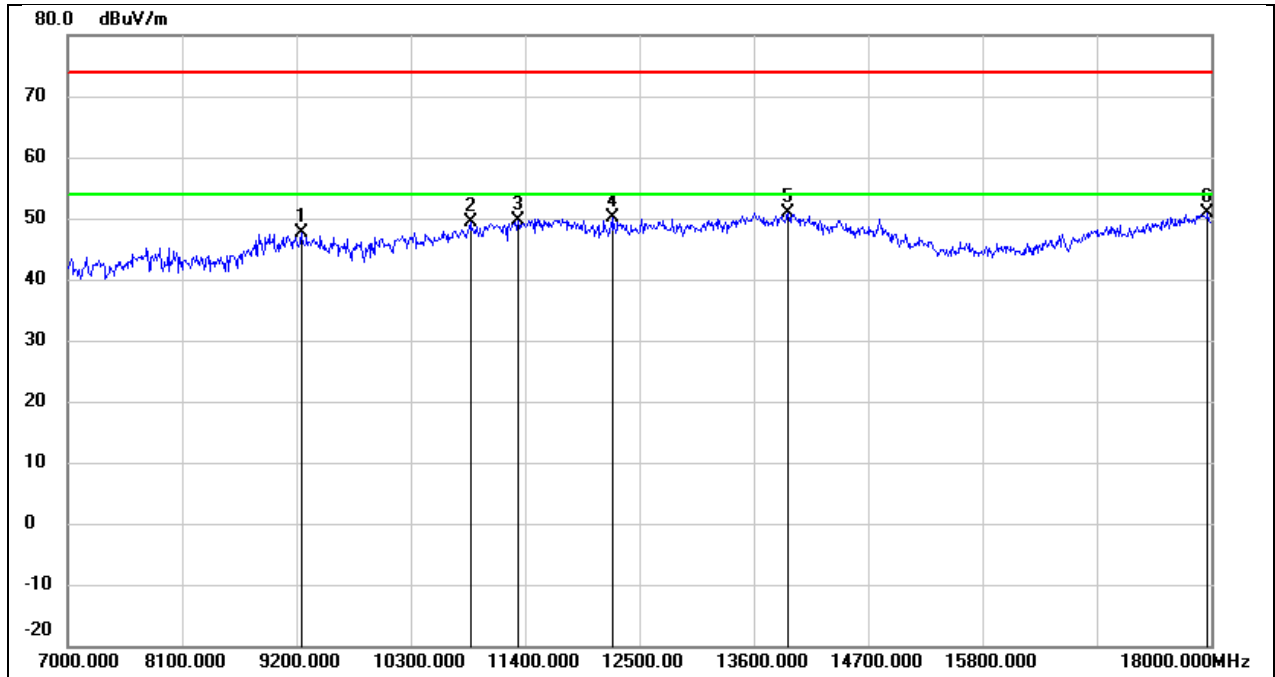
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9365.000	37.34	10.57	47.91	74.00	-26.09	peak
2	10223.000	36.05	12.24	48.29	74.00	-25.71	peak
3	11334.000	34.03	16.09	50.12	74.00	-23.88	peak
4	12665.000	32.27	18.04	50.31	74.00	-23.69	peak
5	13237.000	30.57	19.49	50.06	74.00	-23.94	peak
6	17934.000	24.27	25.67	49.94	74.00	-24.06	peak

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



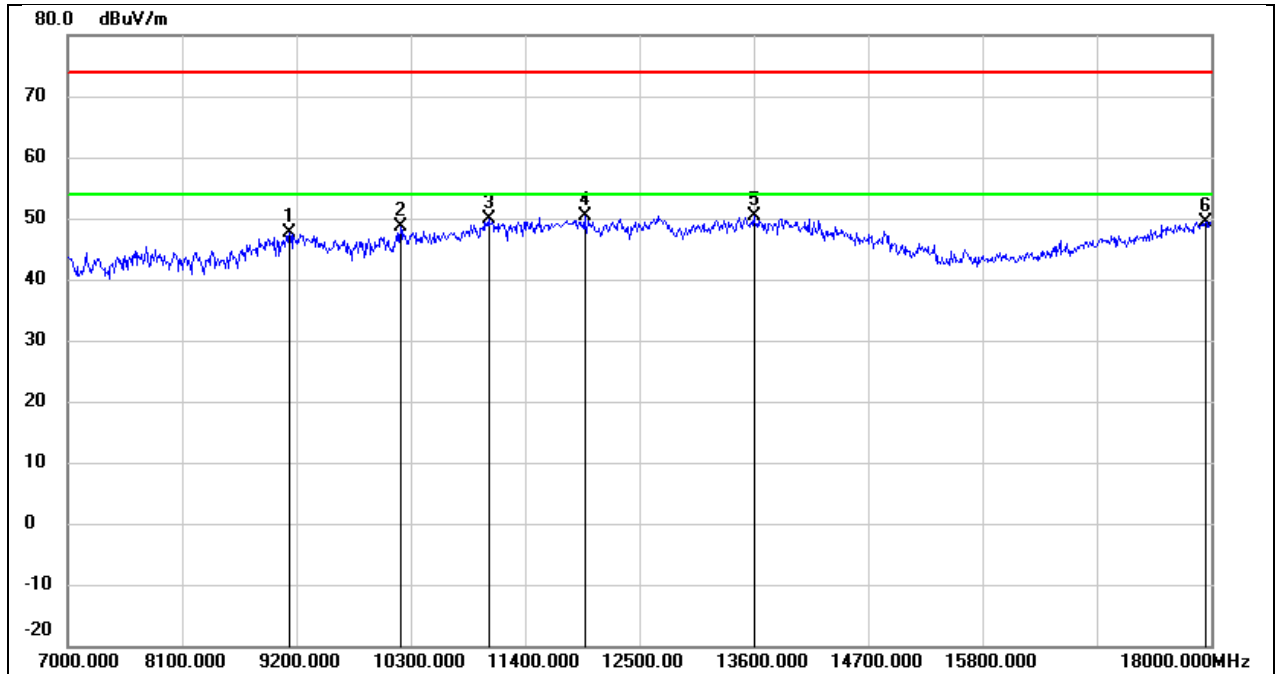
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	37.46	10.48	47.94	74.00	-26.06	peak
2	11015.000	34.76	14.79	49.55	74.00	-24.45	peak
3	11510.000	33.92	16.79	50.71	74.00	-23.29	peak
4	12709.000	32.63	18.09	50.72	74.00	-23.28	peak
5	13919.000	28.96	21.68	50.64	74.00	-23.36	peak
6	17978.000	24.92	25.97	50.89	74.00	-23.11	peak

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



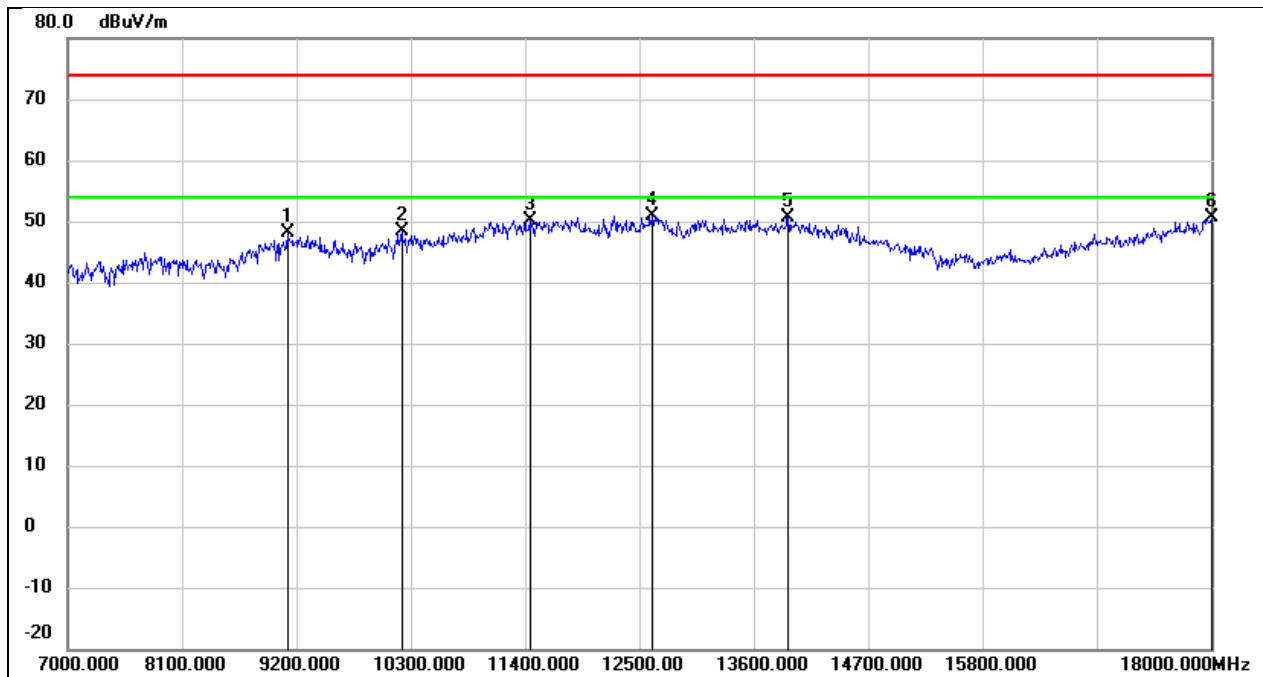
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	37.09	10.49	47.58	74.00	-26.42	peak
2	10872.000	35.09	14.23	49.32	74.00	-24.68	peak
3	11334.000	33.43	16.09	49.52	74.00	-24.48	peak
4	12236.000	32.48	17.76	50.24	74.00	-23.76	peak
5	13930.000	29.24	21.71	50.95	74.00	-23.05	peak
6	17967.000	24.87	25.89	50.76	74.00	-23.24	peak

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



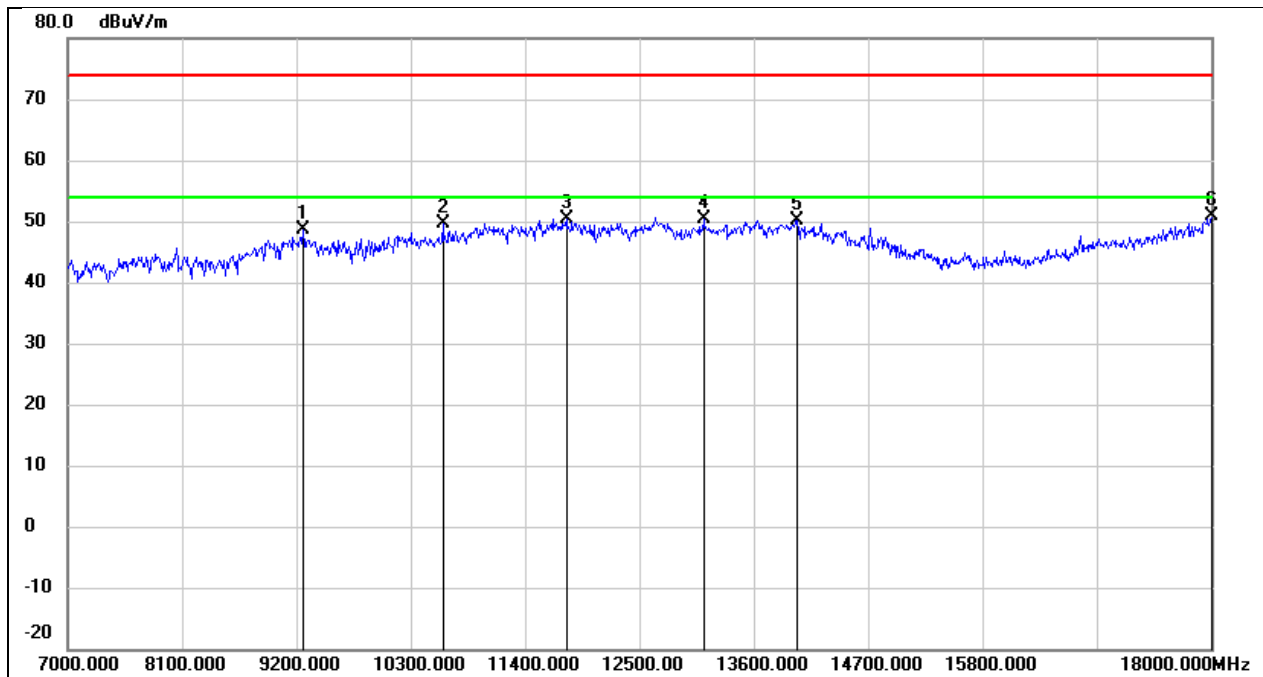
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	37.26	10.41	47.67	74.00	-26.33	peak
2	10201.000	36.47	12.19	48.66	74.00	-25.34	peak
3	11048.000	34.98	14.91	49.89	74.00	-24.11	peak
4	11972.000	32.83	17.65	50.48	74.00	-23.52	peak
5	13600.000	29.49	20.89	50.38	74.00	-23.62	peak
6	17945.000	23.65	25.75	49.40	74.00	-24.60	peak

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



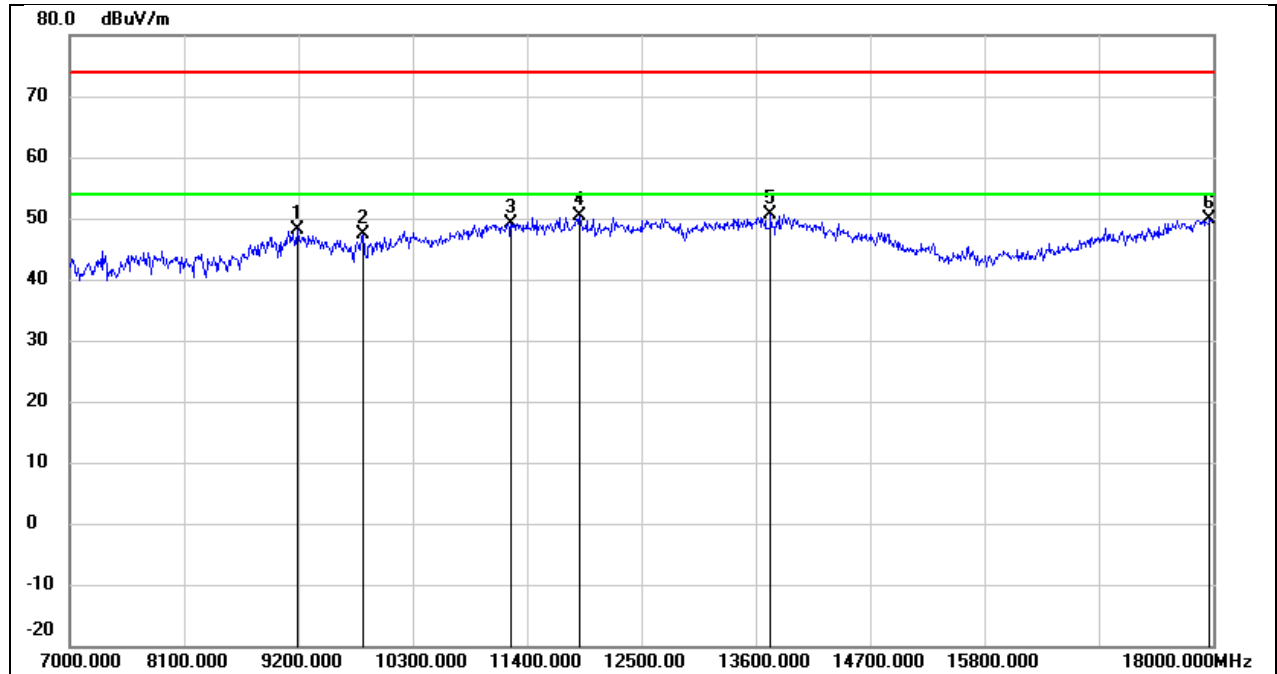
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9112.000	37.69	10.41	48.10	74.00	-25.90	peak
2	10212.000	36.09	12.21	48.30	74.00	-25.70	peak
3	11444.000	33.60	16.53	50.13	74.00	-23.87	peak
4	12621.000	32.82	17.98	50.80	74.00	-23.20	peak
5	13930.000	28.81	21.71	50.52	74.00	-23.48	peak
6	18000.000	24.40	26.12	50.52	74.00	-23.48	peak

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



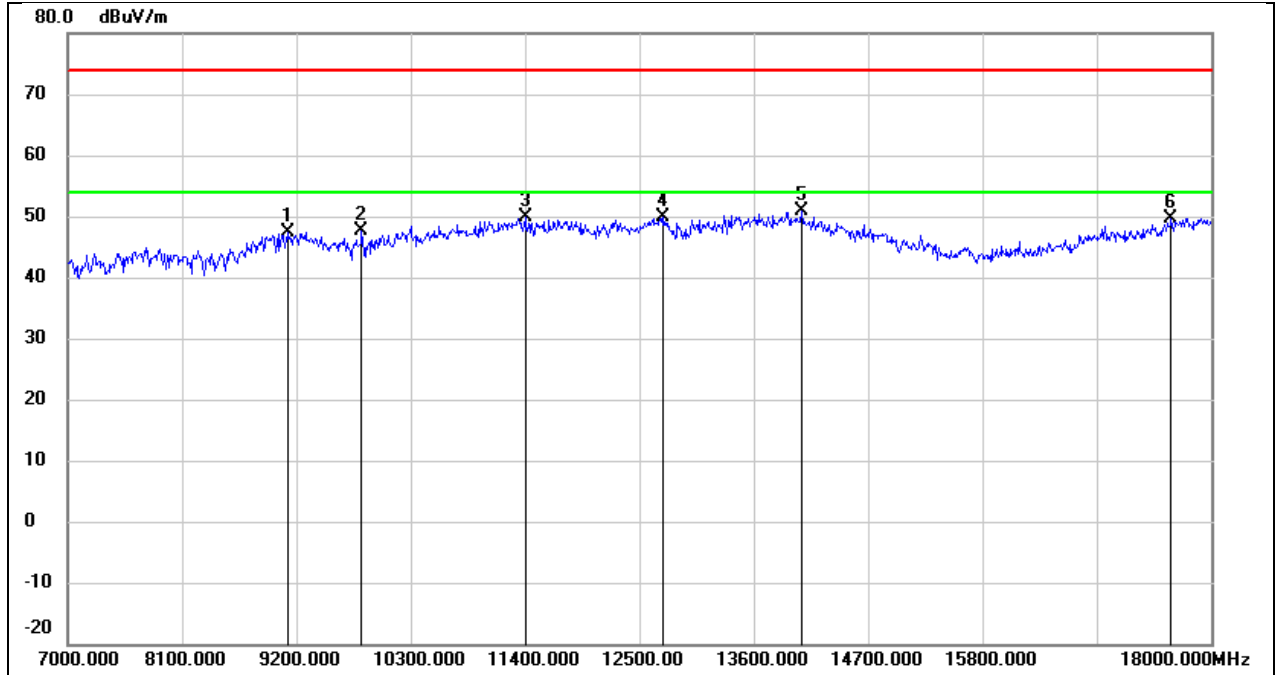
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	38.23	10.51	48.74	74.00	-25.26	peak
2	10608.000	36.36	13.23	49.59	74.00	-24.41	peak
3	11796.000	33.10	17.32	50.42	74.00	-23.58	peak
4	13116.000	31.30	18.96	50.26	74.00	-23.74	peak
5	14018.000	28.44	21.80	50.24	74.00	-23.76	peak
6	18000.000	24.76	26.12	50.88	74.00	-23.12	peak

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



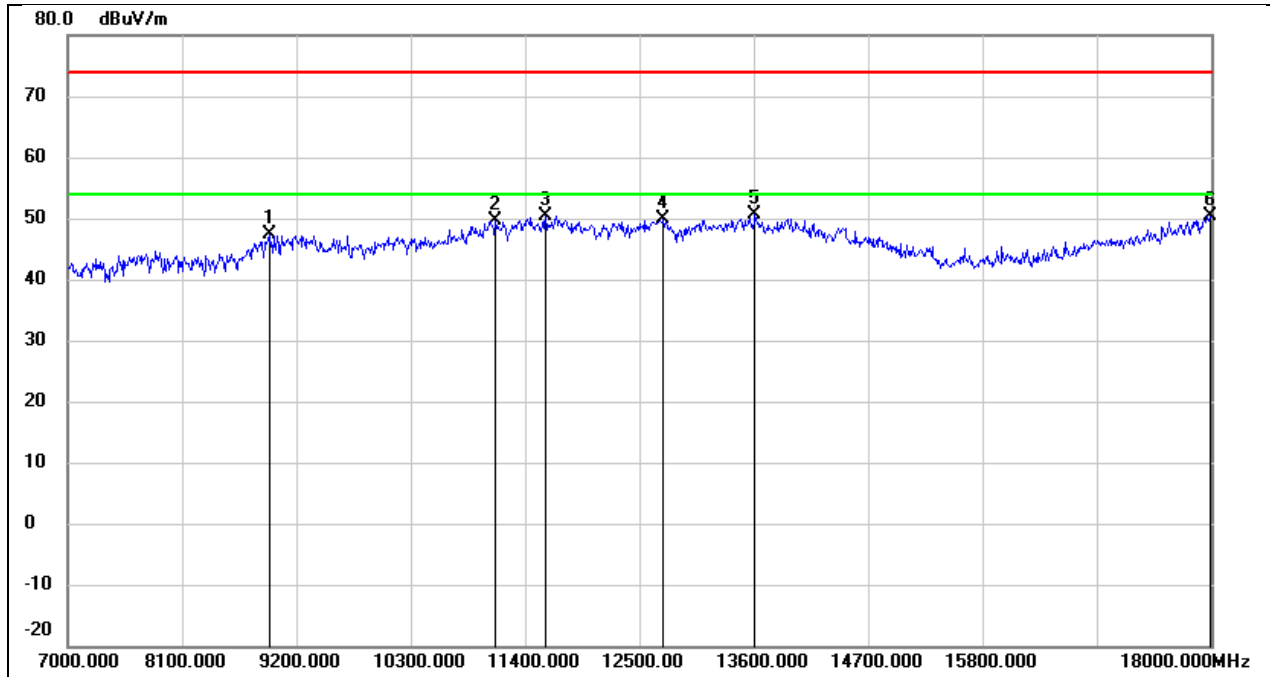
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	37.59	10.46	48.05	74.00	-25.95	peak
2	9827.000	36.07	11.39	47.46	74.00	-26.54	peak
3	11246.000	33.51	15.73	49.24	74.00	-24.76	peak
4	11906.000	32.91	17.52	50.43	74.00	-23.57	peak
5	13743.000	29.36	21.24	50.60	74.00	-23.40	peak
6	17967.000	23.89	25.89	49.78	74.00	-24.22	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	9123.000	37.05	10.42	47.47	74.00	-26.53	peak
2	9827.000	36.17	11.39	47.56	74.00	-26.44	peak
3	11400.000	33.60	16.36	49.96	74.00	-24.04	peak
4	12731.000	31.88	18.12	50.00	74.00	-24.00	peak
5	14062.000	29.24	21.62	50.86	74.00	-23.14	peak
6	17615.000	26.22	23.49	49.71	74.00	-24.29	peak

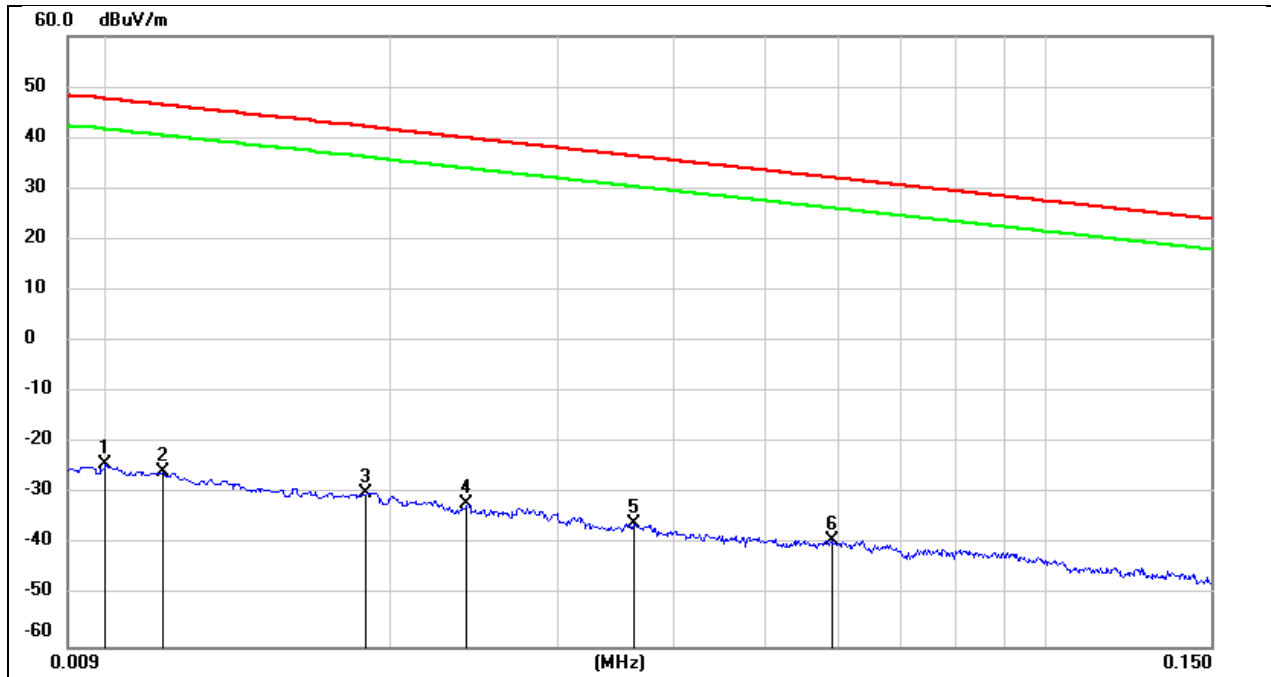
Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	37.59	9.90	47.49	74.00	-26.51	peak
2	11114.000	34.40	15.19	49.59	74.00	-24.41	peak
3	11598.000	33.39	16.96	50.35	74.00	-23.65	peak
4	12731.000	31.86	18.12	49.98	74.00	-24.02	peak
5	13611.000	29.61	20.92	50.53	74.00	-23.47	peak
6	17989.000	24.26	26.04	50.30	74.00	-23.70	peak

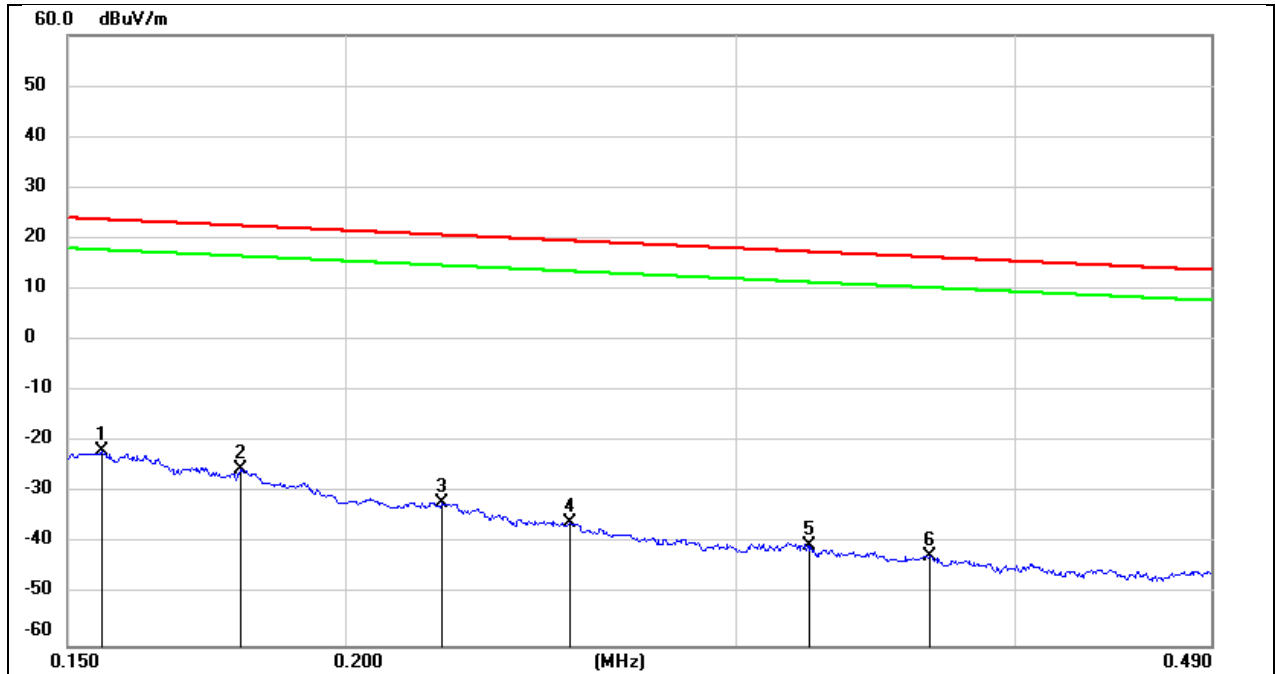
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

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



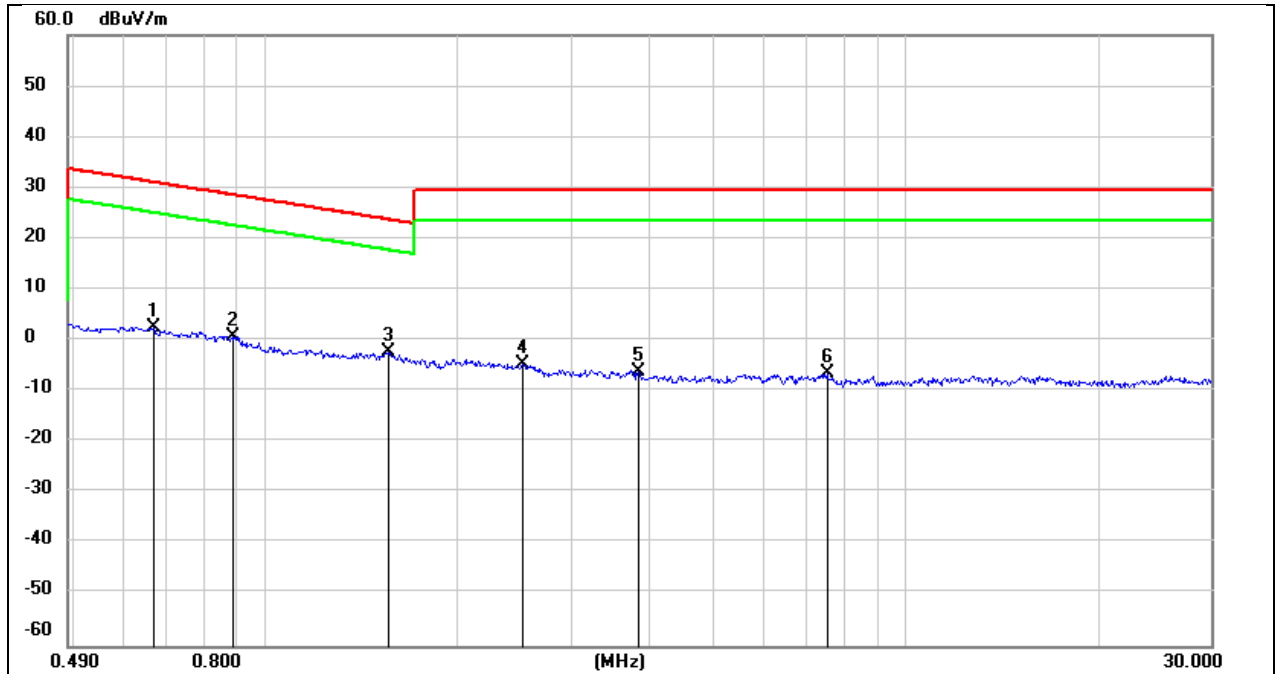
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.0100	77.22	-101.40	-24.18	47.60	-75.68	-3.90	-71.78	peak
2	0.0114	75.88	-101.40	-25.52	46.46	-77.02	-5.04	-71.98	peak
3	0.0188	71.64	-101.35	-29.71	42.12	-81.21	-9.38	-71.83	peak
4	0.0240	69.32	-101.36	-32.04	40.00	-83.54	-11.50	-72.04	peak
5	0.0362	65.51	-101.42	-35.91	36.43	-87.41	-15.07	-72.34	peak
6	0.0589	62.31	-101.52	-39.21	32.20	-90.71	-19.30	-71.41	peak

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



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.1554	79.77	-101.65	-21.88	23.77	-73.38	-27.73	-45.65	peak
2	0.1794	76.27	-101.68	-25.41	22.53	-76.91	-28.97	-47.94	peak
3	0.2210	69.84	-101.75	-31.91	20.71	-83.41	-30.79	-52.62	peak
4	0.2522	65.89	-101.80	-35.91	19.57	-87.41	-31.93	-55.48	peak
5	0.3234	61.48	-101.88	-40.40	17.41	-91.90	-34.09	-57.81	peak
6	0.3662	59.58	-101.93	-42.35	16.33	-93.85	-35.17	-58.68	peak

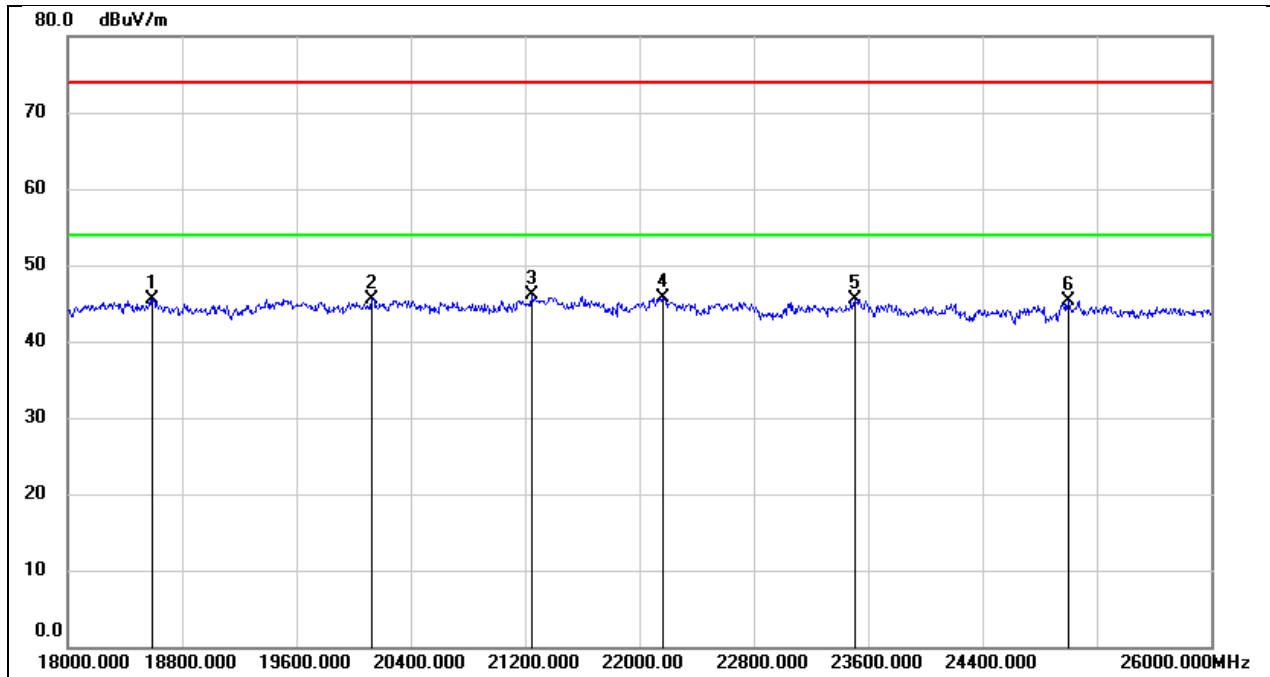
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3 V



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	0.6671	64.75	-62.10	2.65	31.12	-48.85	-20.38	-28.47	peak
2	0.8898	62.95	-62.20	0.75	28.62	-50.75	-22.88	-27.87	peak
3	1.5564	59.68	-62.02	-2.34	23.76	-53.84	-27.74	-26.10	peak
4	2.5261	56.91	-61.69	-4.78	29.54	-56.28	-21.96	-34.32	peak
5	3.8246	55.20	-61.38	-6.18	29.54	-57.68	-21.96	-35.72	peak
6	7.5429	54.58	-61.14	-6.56	29.54	-58.06	-21.96	-36.10	peak

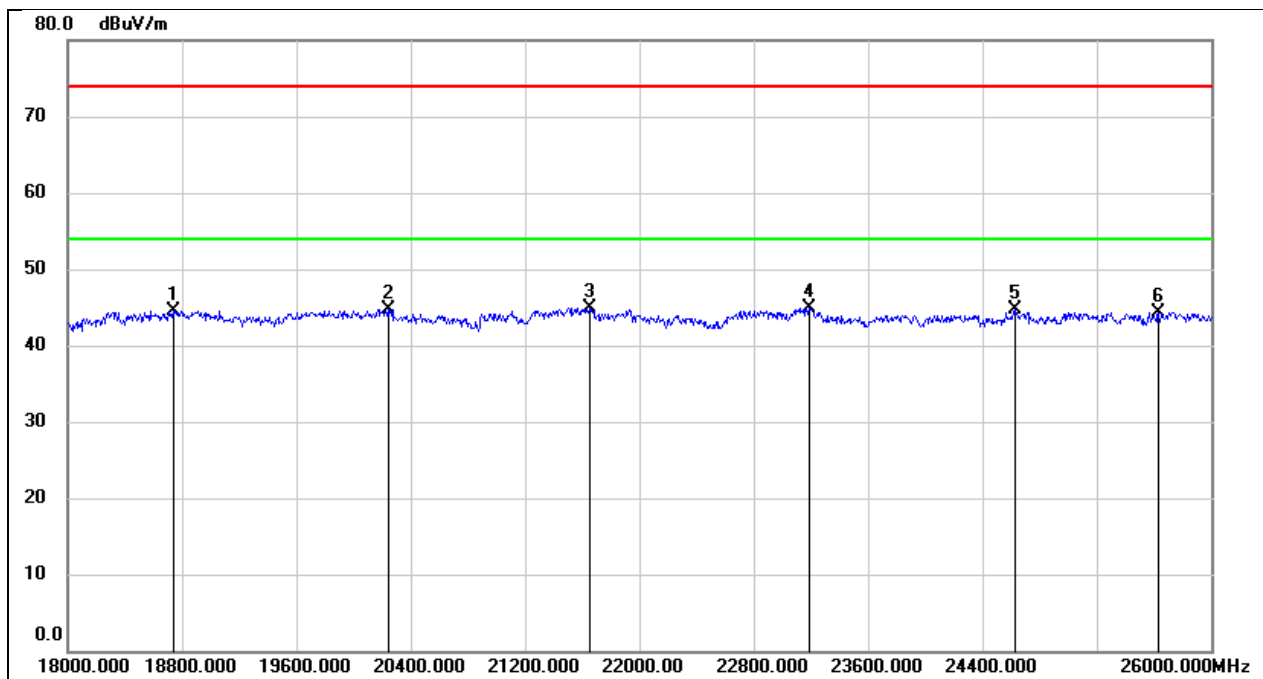
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

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	18592.000	50.75	-5.31	45.44	74.00	-28.56	peak
2	20128.000	51.12	-5.53	45.59	74.00	-28.41	peak
3	21248.000	50.79	-4.77	46.02	74.00	-27.98	peak
4	22160.000	50.08	-4.31	45.77	74.00	-28.23	peak
5	23504.000	48.62	-3.14	45.48	74.00	-28.52	peak
6	25000.000	47.36	-2.10	45.26	74.00	-28.74	peak

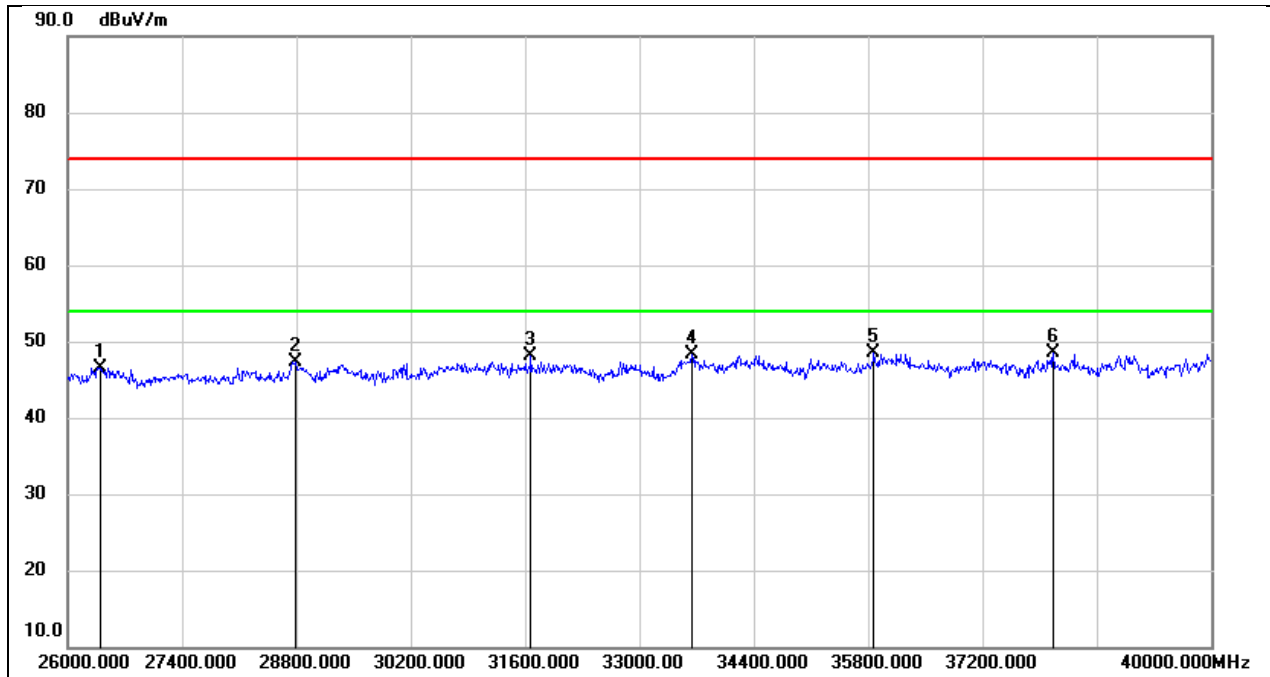
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18736.000	50.01	-5.41	44.60	74.00	-29.40	peak
2	20240.000	50.32	-5.61	44.71	74.00	-29.29	peak
3	21656.000	49.34	-4.46	44.88	74.00	-29.12	peak
4	23184.000	48.36	-3.38	44.98	74.00	-29.02	peak
5	24624.000	46.99	-2.33	44.66	74.00	-29.34	peak
6	25632.000	45.56	-1.16	44.40	74.00	-29.60	peak

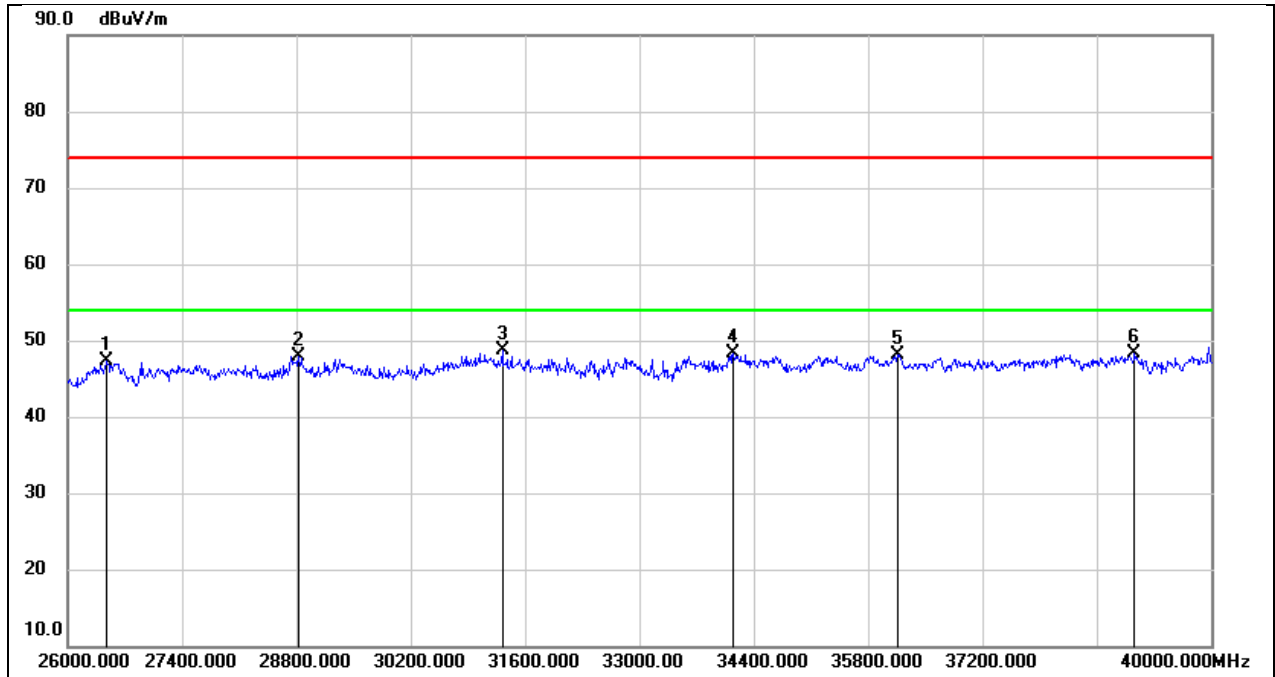
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

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	26392.000	51.59	-5.00	46.59	74.00	-27.41	peak
2	28786.000	47.99	-0.64	47.35	74.00	-26.65	peak
3	31670.000	49.36	-1.21	48.15	74.00	-25.85	peak
4	33644.000	47.81	0.42	48.23	74.00	-25.77	peak
5	35870.000	44.83	3.75	48.58	74.00	-25.42	peak
6	38068.000	45.06	3.42	48.48	74.00	-25.52	peak

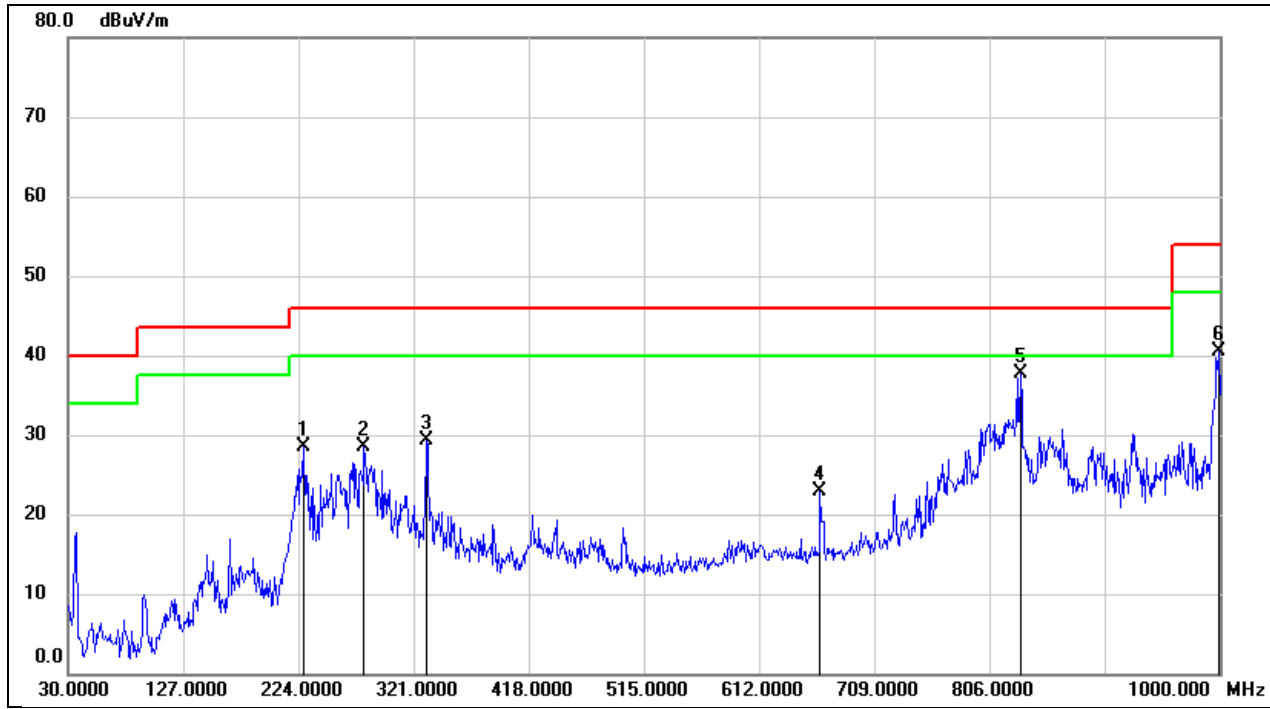
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	52.03	-4.78	47.25	74.00	-26.75	peak
2	28828.000	48.63	-0.79	47.84	74.00	-26.16	peak
3	31320.000	49.61	-0.93	48.68	74.00	-25.32	peak
4	34148.000	47.24	1.12	48.36	74.00	-25.64	peak
5	36164.000	44.56	3.52	48.08	74.00	-25.92	peak
6	39062.000	43.98	4.30	48.28	74.00	-25.72	peak

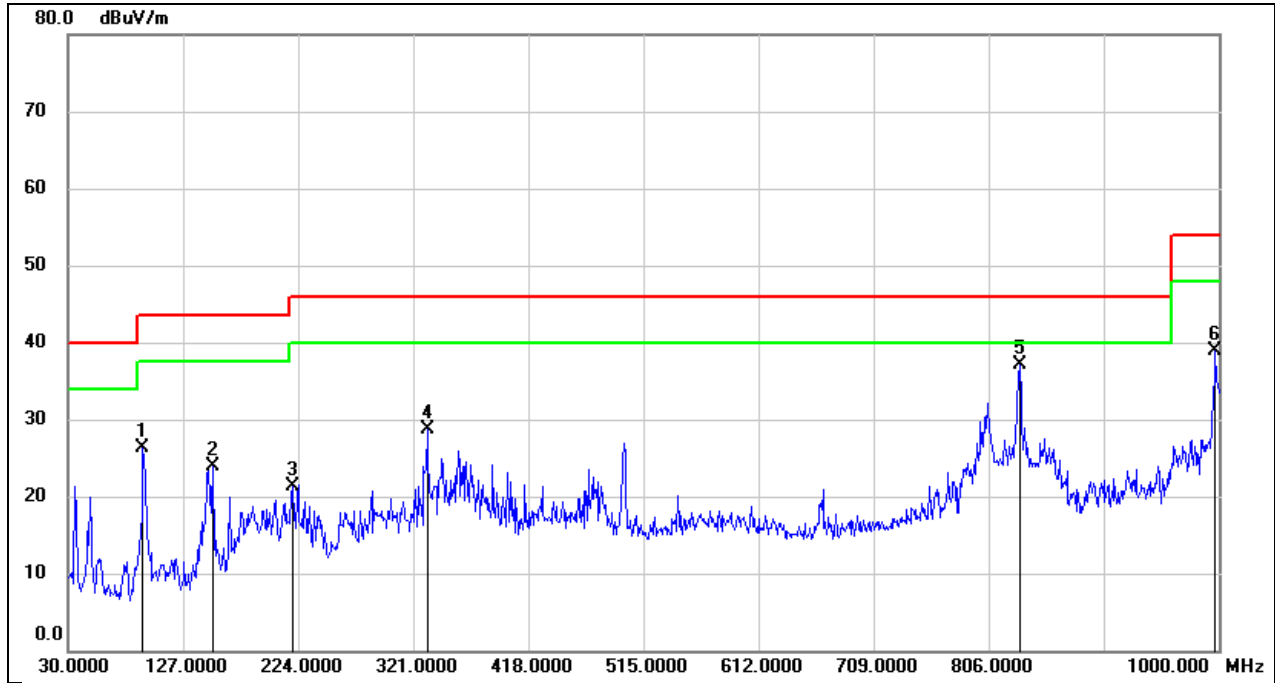
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	227.8800	45.62	-17.20	28.42	46.00	-17.58	QP
2	279.2900	44.88	-16.29	28.59	46.00	-17.41	QP
3	331.6700	42.68	-13.34	29.34	46.00	-16.66	QP
4	663.4099	31.74	-8.80	22.94	46.00	-23.06	QP
5	832.1900	43.81	-6.08	37.73	46.00	-8.27	QP
6	999.0300	44.21	-3.67	40.54	54.00	-13.46	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	93.0500	47.84	-21.47	26.37	43.50	-17.13	QP
2	152.2200	41.63	-17.71	23.92	43.50	-19.58	QP
3	219.1500	38.09	-16.81	21.28	46.00	-24.72	QP
4	332.6400	41.99	-13.30	28.69	46.00	-17.31	QP
5	832.1900	43.19	-6.08	37.11	46.00	-8.89	QP
6	997.0900	42.59	-3.70	38.89	54.00	-15.11	QP

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

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

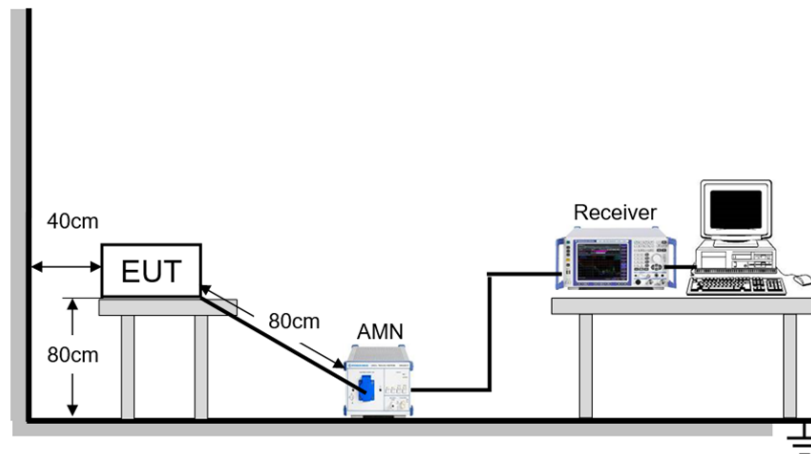
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

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

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

TEST SETUP



TEST ENVIRONMENT

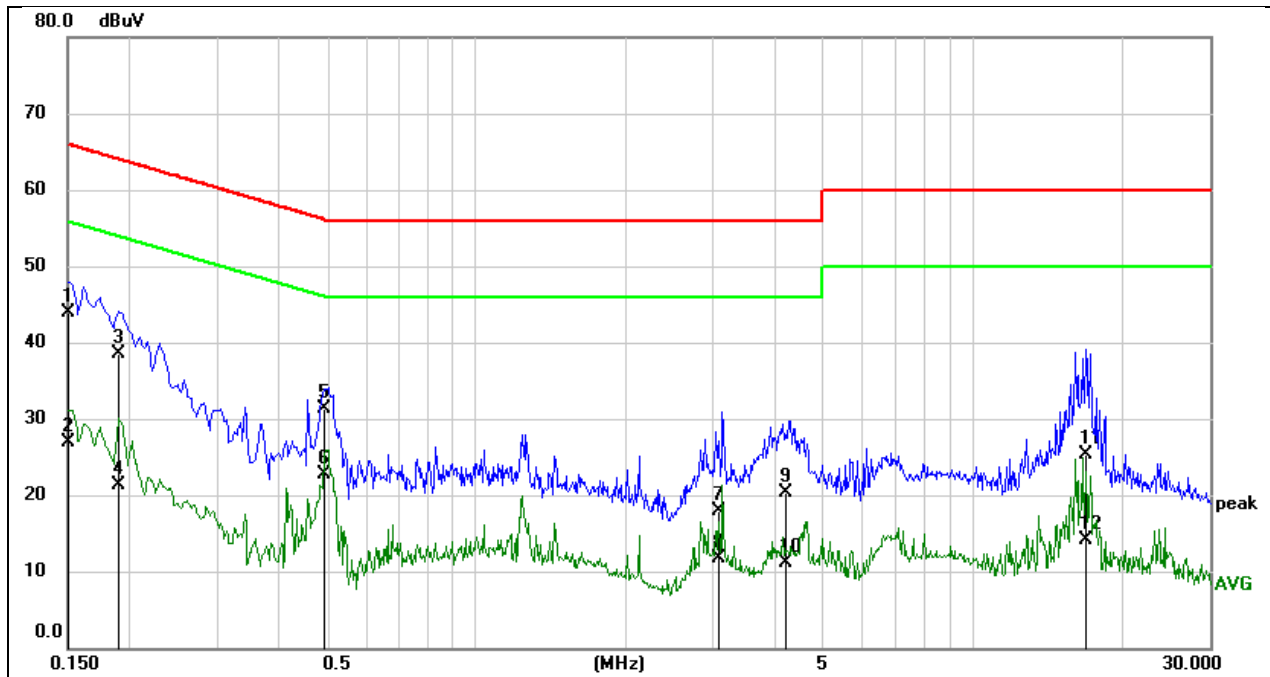
Temperature	23.9°C	Relative Humidity	57.8%
Atmosphere Pressure	101kPa	Test Voltage	AC 120 V, 60 Hz

TEST DATE / ENGINEER

Test Date	November 22, 2023	Test By	Wite Chen
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TEST RESULTS

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



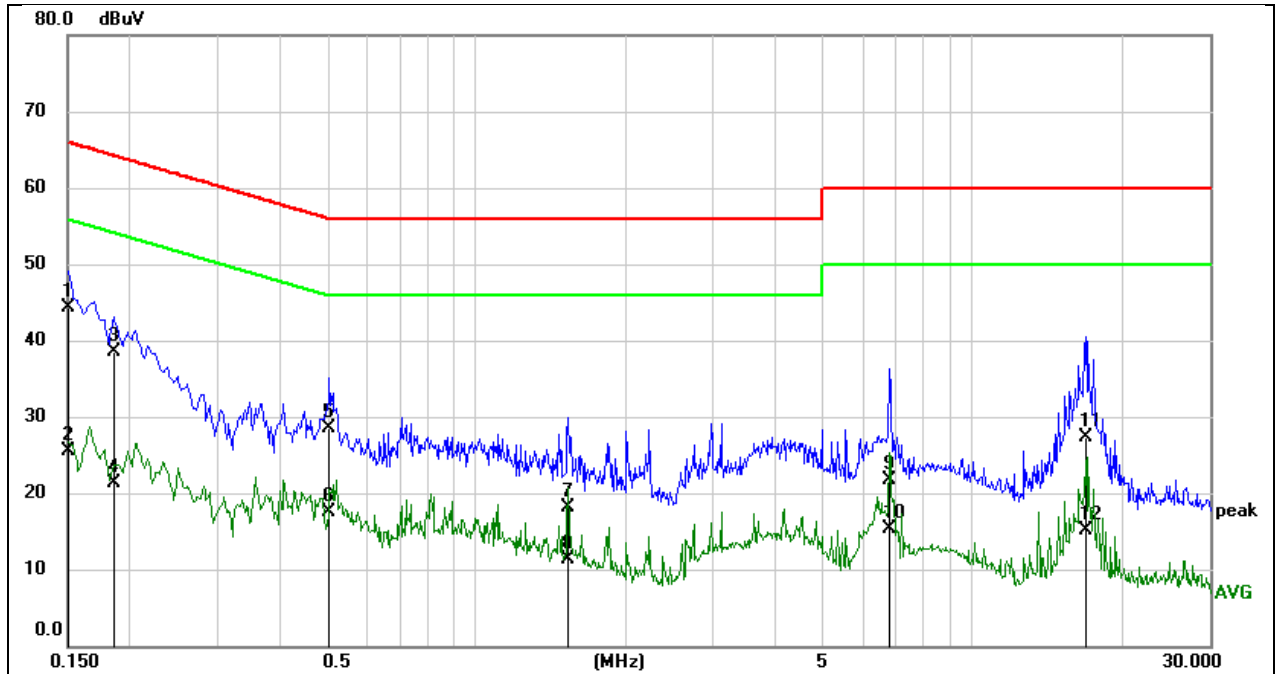
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1514	34.41	9.49	43.90	65.92	-22.02	QP
2	0.1514	17.32	9.49	26.81	55.92	-29.11	AVG
3	0.1912	28.97	9.57	38.54	63.98	-25.44	QP
4	0.1912	11.67	9.57	21.24	53.98	-32.74	AVG
5	0.4948	21.77	9.50	31.27	56.09	-24.82	QP
6	0.4948	13.13	9.50	22.63	46.09	-23.46	AVG
7	3.0811	8.31	9.62	17.93	56.00	-38.07	QP
8	3.0811	2.17	9.62	11.79	46.00	-34.21	AVG
9	4.1884	10.70	9.60	20.30	56.00	-35.70	QP
10	4.1884	1.58	9.60	11.18	46.00	-34.82	AVG
11	16.8686	15.64	9.67	25.31	60.00	-34.69	QP
12	16.8686	4.49	9.67	14.16	50.00	-35.84	AVG

Note:

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1511	34.78	9.49	44.27	65.94	-21.67	QP
2	0.1511	15.96	9.49	25.45	55.94	-30.49	AVG
3	0.1873	28.89	9.56	38.45	64.16	-25.71	QP
4	0.1873	11.82	9.56	21.38	54.16	-32.78	AVG
5	0.5026	19.02	9.50	28.52	56.00	-27.48	QP
6	0.5026	8.03	9.50	17.53	46.00	-28.47	AVG
7	1.5332	8.62	9.57	18.19	56.00	-37.81	QP
8	1.5332	1.77	9.57	11.34	46.00	-34.66	AVG
9	6.7441	11.99	9.63	21.62	60.00	-38.38	QP
10	6.7441	5.64	9.63	15.27	50.00	-34.73	AVG
11	16.8346	17.66	9.67	27.33	60.00	-32.67	QP
12	16.8346	5.34	9.67	15.01	50.00	-34.99	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

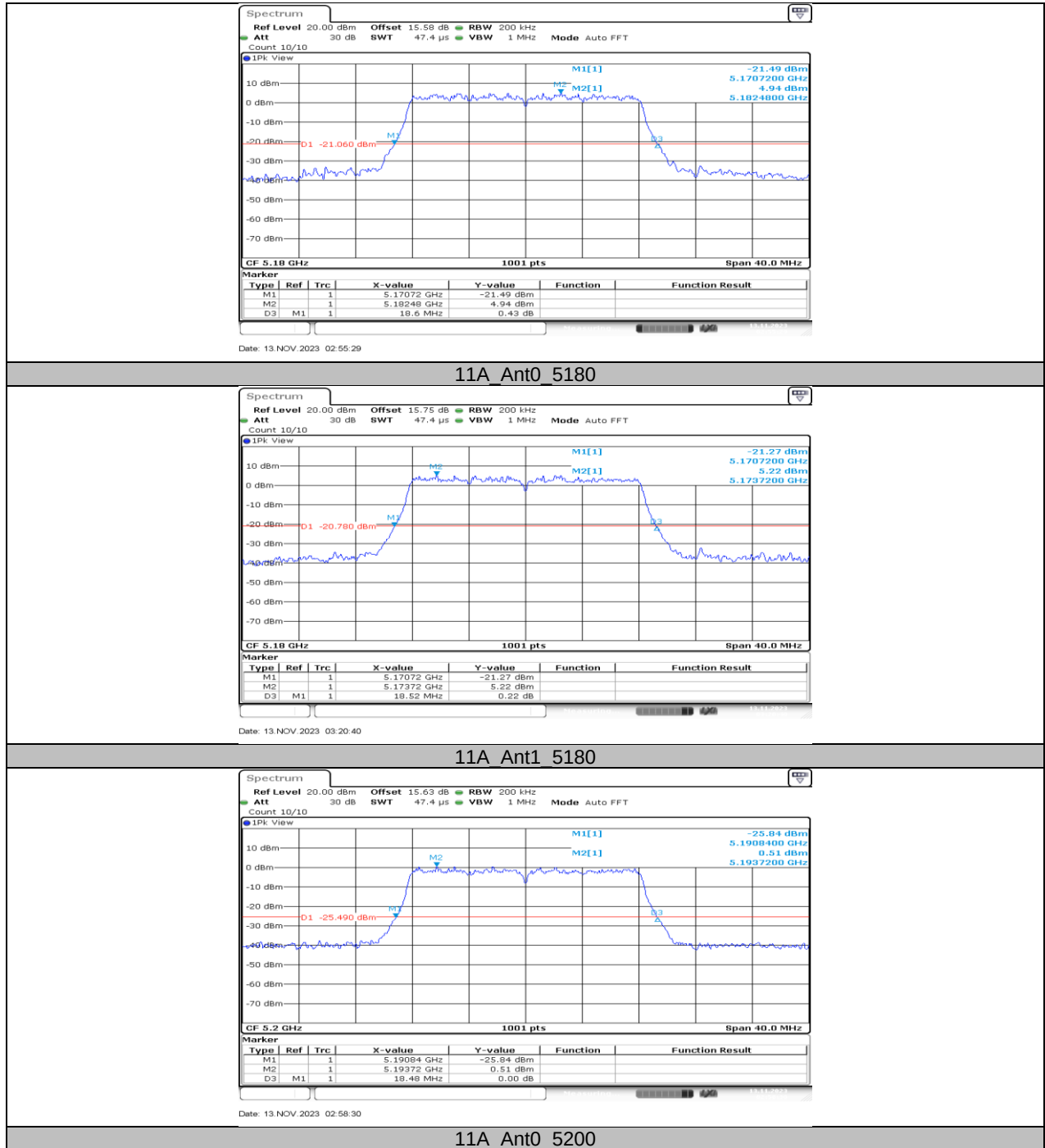
11.1. APPENDIX A: EMISSION BANDWIDTH

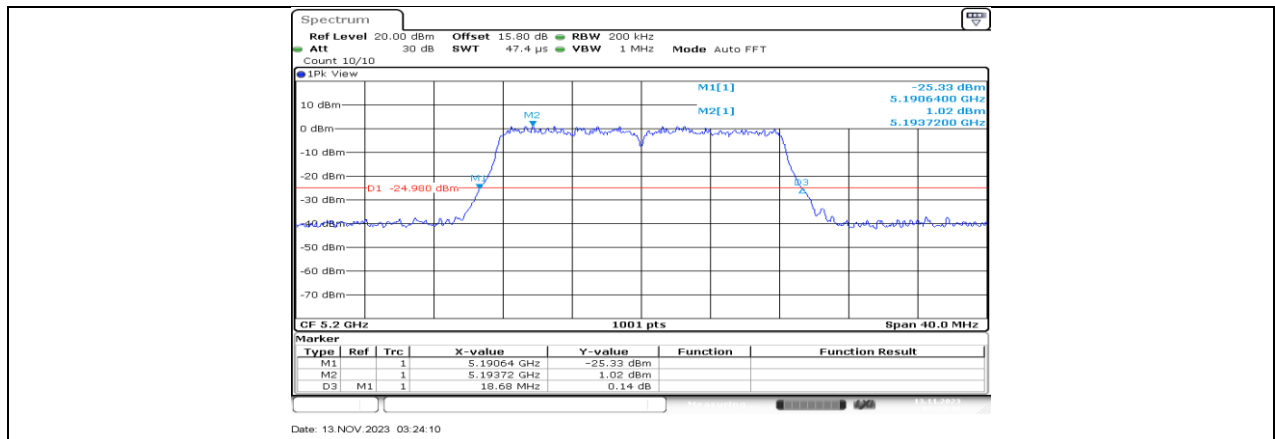
11.1.1. Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant0	5180	18.60	5170.72	5189.32	PASS
	Ant1	5180	18.52	5170.72	5189.24	PASS
	Ant0	5200	18.48	5190.84	5209.32	PASS
	Ant1	5200	18.68	5190.64	5209.32	PASS
	Ant0	5240	18.44	5230.84	5249.28	PASS
	Ant1	5240	18.60	5230.76	5249.36	PASS
	Ant0	5260	18.60	5250.72	5269.32	PASS
	Ant1	5260	18.52	5250.76	5269.28	PASS
	Ant0	5280	18.52	5270.84	5289.36	PASS
	Ant1	5280	18.60	5270.72	5289.32	PASS
	Ant0	5320	18.64	5310.64	5329.28	PASS
	Ant1	5320	18.68	5310.72	5329.40	PASS
	Ant0	5500	18.56	5490.68	5509.24	PASS
	Ant1	5500	18.68	5490.68	5509.36	PASS
	Ant0	5580	18.68	5570.68	5589.36	PASS
	Ant1	5580	18.64	5570.68	5589.32	PASS
	Ant0	5700	18.48	5690.84	5709.32	PASS
	Ant1	5700	18.68	5690.72	5709.40	PASS
	Ant0	5720	18.64	5710.76	5729.40	PASS
	Ant1	5720	18.84	5710.52	5729.36	PASS
	Ant0	5720 UNII-2C	14.24	5710.76	5725	PASS
	Ant1	5720 UNII-2C	14.48	5710.52	5725	PASS
	Ant0	5720 UNII-3	4.4	5725	5729.40	PASS
	Ant1	5720 UNII-3	4.36	5725	5729.36	PASS
	Ant0	5745	18.60	5735.64	5754.24	PASS
	Ant1	5745	18.72	5735.68	5754.40	PASS
	Ant0	5785	18.48	5775.72	5794.20	PASS
	Ant1	5785	18.52	5775.72	5794.24	PASS
	Ant0	5825	18.64	5815.76	5834.40	PASS
	Ant1	5825	18.36	5815.88	5834.24	PASS
11N20MIMO	Ant0	5180	19.56	5170.16	5189.72	PASS
	Ant1	5180	19.32	5170.36	5189.68	PASS
	Ant0	5200	19.60	5190.12	5209.72	PASS
	Ant1	5200	19.28	5190.36	5209.64	PASS
	Ant0	5240	19.44	5230.28	5249.72	PASS
	Ant1	5240	19.48	5230.24	5249.72	PASS
	Ant0	5260	19.28	5250.36	5269.64	PASS
	Ant1	5260	19.56	5250.20	5269.76	PASS
	Ant0	5280	19.40	5270.24	5289.64	PASS
	Ant1	5280	19.40	5270.32	5289.72	PASS
	Ant0	5320	19.56	5310.20	5329.76	PASS
	Ant1	5320	19.44	5310.24	5329.68	PASS
	Ant0	5500	19.56	5490.24	5509.80	PASS
	Ant1	5500	19.52	5490.28	5509.80	PASS
	Ant0	5580	19.76	5570.24	5590.00	PASS
	Ant1	5580	19.44	5570.24	5589.68	PASS
	Ant0	5700	19.64	5690.16	5709.80	PASS
	Ant1	5700	19.44	5690.32	5709.76	PASS
	Ant0	5720	19.44	5710.28	5729.72	PASS
	Ant1	5720	19.52	5710.20	5729.72	PASS
	Ant0	5720 UNII-2C	14.72	5710.28	5725	PASS
	Ant1	5720 UNII-2C	14.8	5710.20	5725	PASS
	Ant0	5720 UNII-3	4.72	5725	5729.72	PASS
	Ant1	5720 UNII-3	4.72	5725	5729.72	PASS
	Ant0	5745	19.36	5735.24	5754.60	PASS
	Ant1	5745	19.52	5735.28	5754.80	PASS

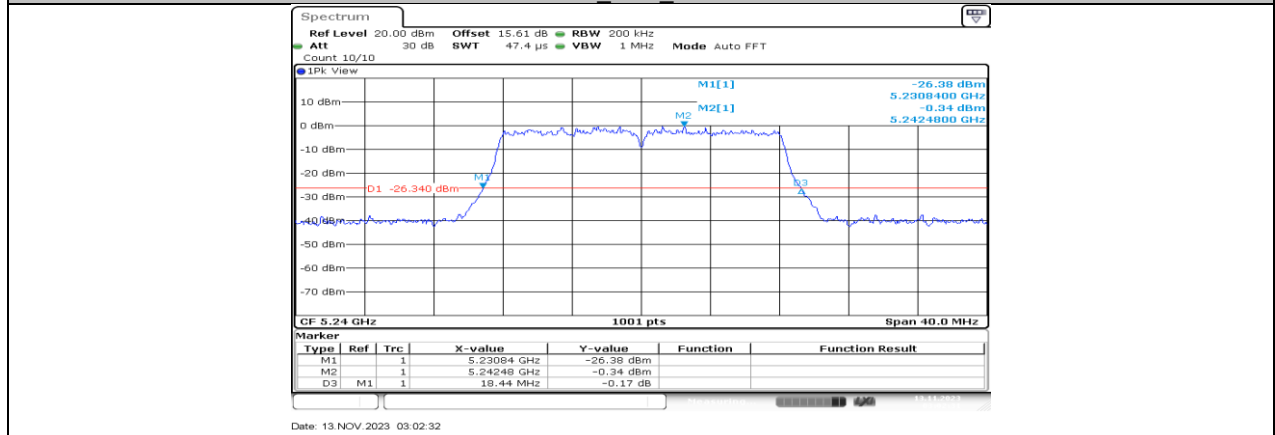
	Ant0	5785	19.56	5775.16	5794.72	PASS
	Ant1	5785	19.52	5775.24	5794.76	PASS
	Ant0	5825	19.52	5815.28	5834.80	PASS
	Ant1	5825	19.48	5815.24	5834.72	PASS
11N40MIMO	Ant0	5190	42.16	5169.04	5211.20	PASS
	Ant1	5190	41.68	5169.28	5210.96	PASS
	Ant0	5230	41.76	5209.12	5250.88	PASS
	Ant1	5230	42.16	5208.96	5251.12	PASS
	Ant0	5270	42.32	5248.96	5291.28	PASS
	Ant1	5270	41.68	5249.20	5290.88	PASS
	Ant0	5310	41.68	5289.36	5331.04	PASS
	Ant1	5310	41.60	5289.20	5330.80	PASS
	Ant0	5510	41.92	5489.28	5531.20	PASS
	Ant1	5510	41.84	5489.04	5530.88	PASS
	Ant0	5550	42.08	5528.96	5571.04	PASS
	Ant1	5550	42.40	5528.72	5571.12	PASS
	Ant0	5670	42.56	5648.80	5691.36	PASS
	Ant1	5670	42.08	5649.04	5691.12	PASS
	Ant0	5710	52.72	5678.64	5731.36	PASS
	Ant1	5710	42.24	5689.04	5731.28	PASS
	Ant0	5710 UNII-2C	46.36	5678.64	5725	PASS
	Ant1	5710 UNII-2C	35.96	5689.04	5725	PASS
	Ant0	5710 UNII-3	6.36	5725	5731.36	PASS
	Ant1	5710 UNII-3	6.28	5725	5731.28	PASS
	Ant0	5755	42.40	5733.88	5776.28	PASS
	Ant1	5755	42.32	5733.88	5776.20	PASS
	Ant0	5795	49.36	5767.00	5816.36	PASS
	Ant1	5795	42.32	5773.80	5816.12	PASS
11AC80MIMO	Ant0	5210	82.56	5168.88	5251.44	PASS
	Ant1	5210	82.40	5169.04	5251.44	PASS
	Ant0	5290	82.08	5249.20	5331.28	PASS
	Ant1	5290	81.28	5249.52	5330.80	PASS
	Ant0	5530	82.24	5489.20	5571.44	PASS
	Ant1	5530	81.76	5489.36	5571.12	PASS
	Ant0	5610	82.08	5569.36	5651.44	PASS
	Ant1	5610	82.56	5569.04	5651.60	PASS
	Ant0	5690	100.64	5631.12	5731.76	PASS
	Ant1	5690	82.72	5648.88	5731.60	PASS
	Ant0	5690 UNII-2C	93.88	5631.12	5725	PASS
	Ant1	5690 UNII-2C	76.12	5648.88	5725	PASS
	Ant0	5690 UNII-3	6.76	5725	5731.76	PASS
	Ant1	5690 UNII-3	6.6	5725	5731.60	PASS
	Ant0	5775	83.52	5733.56	5817.08	PASS
	Ant1	5775	82.56	5733.88	5816.44	PASS

11.1.2. Test Graphs

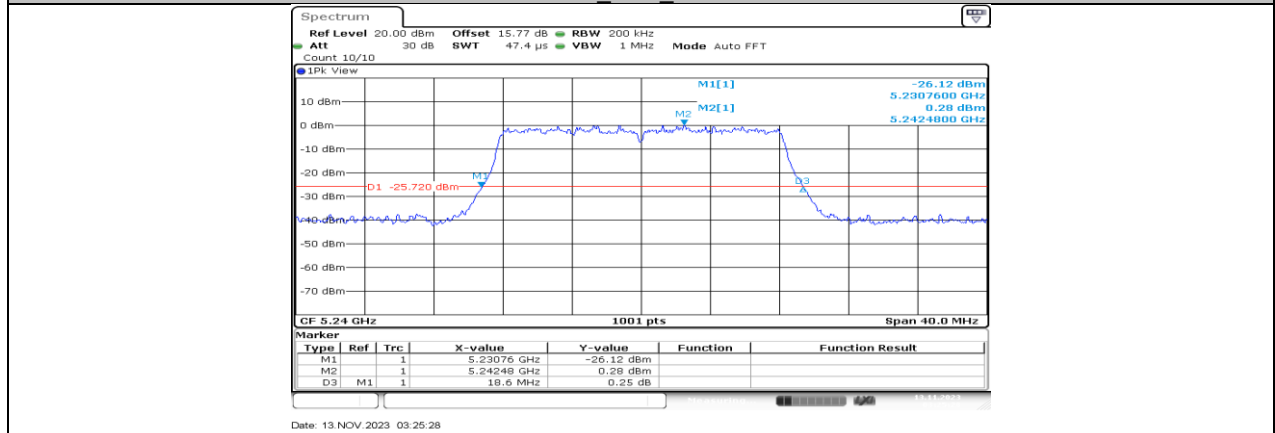




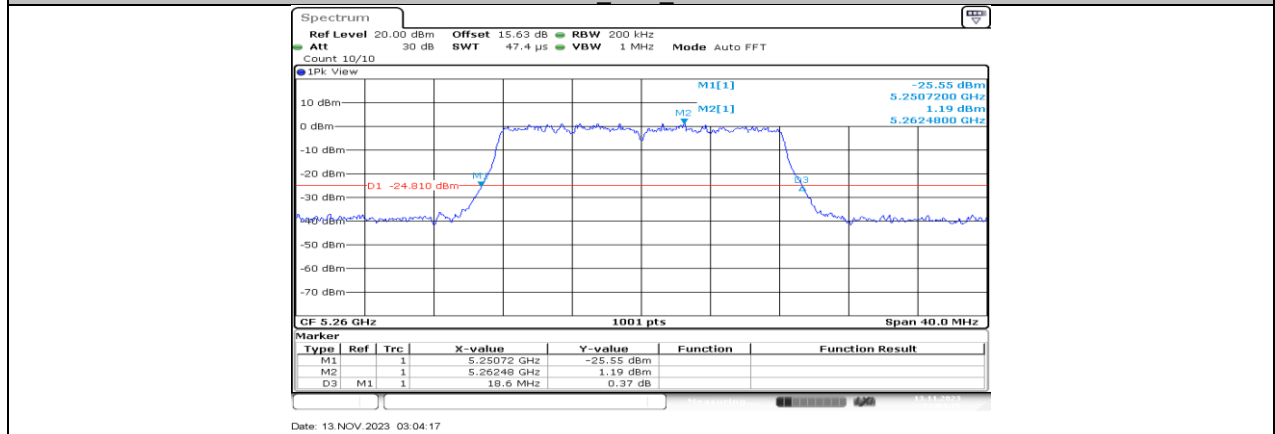
11A Ant1 5200



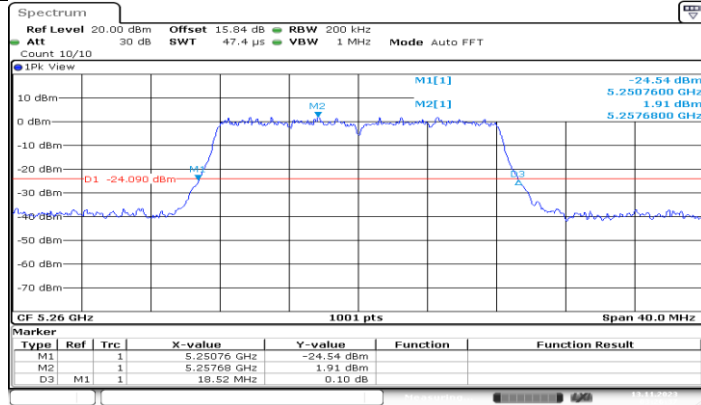
11A Ant0 5240



11A Ant1 5240

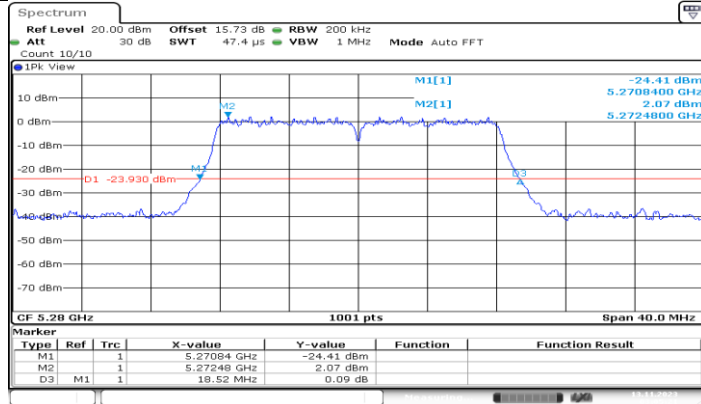


11A_Ant0_5260



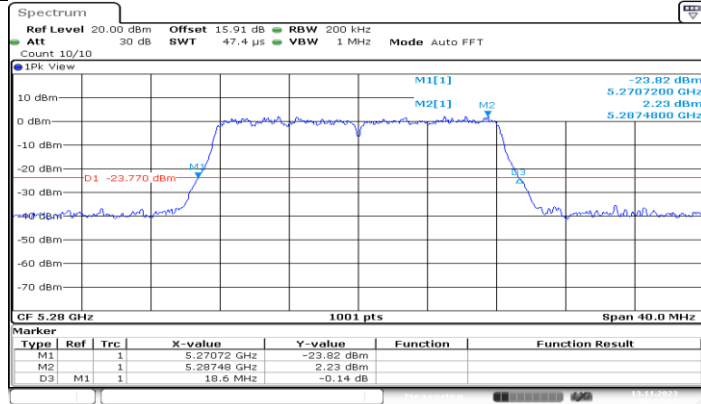
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11A_Ant1_5260



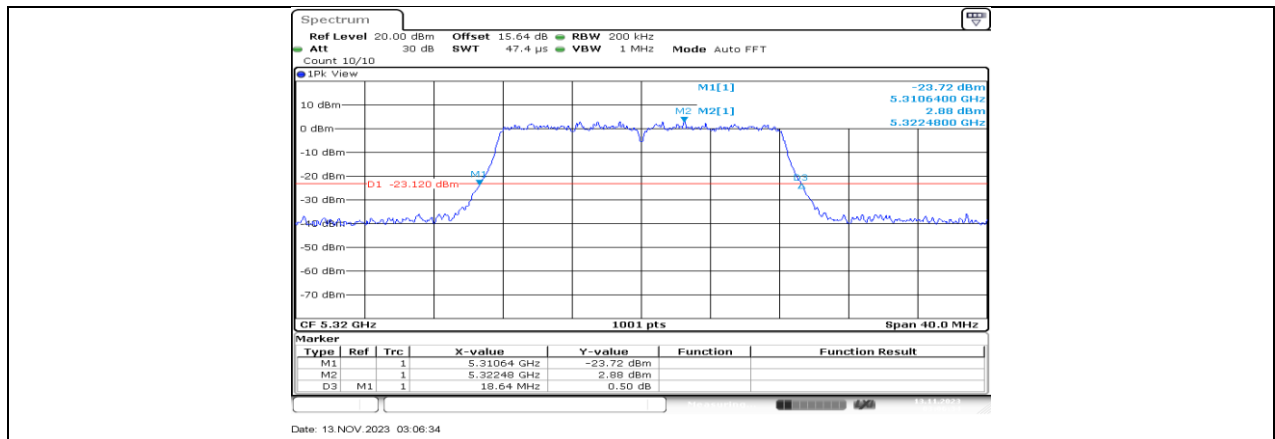
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11A_Ant0_5280

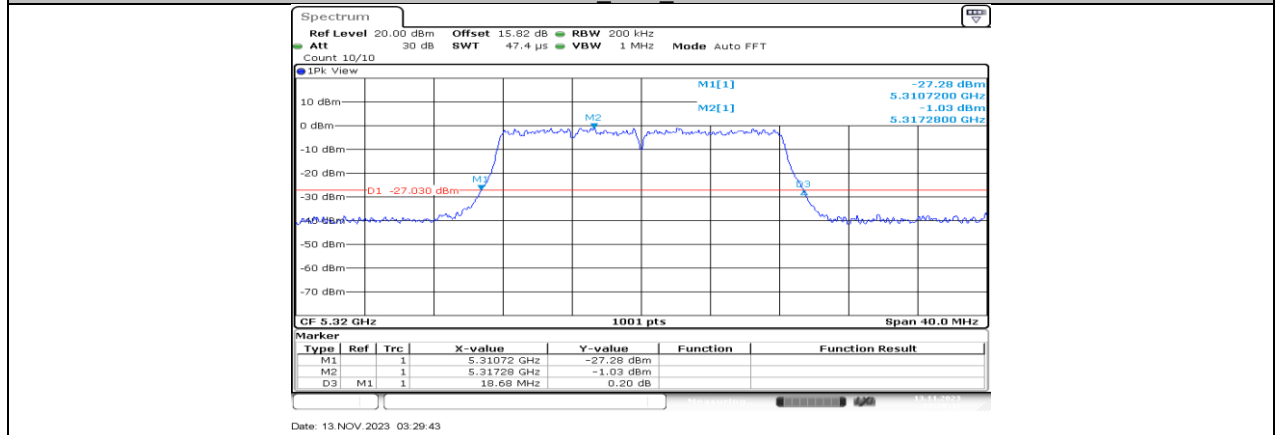


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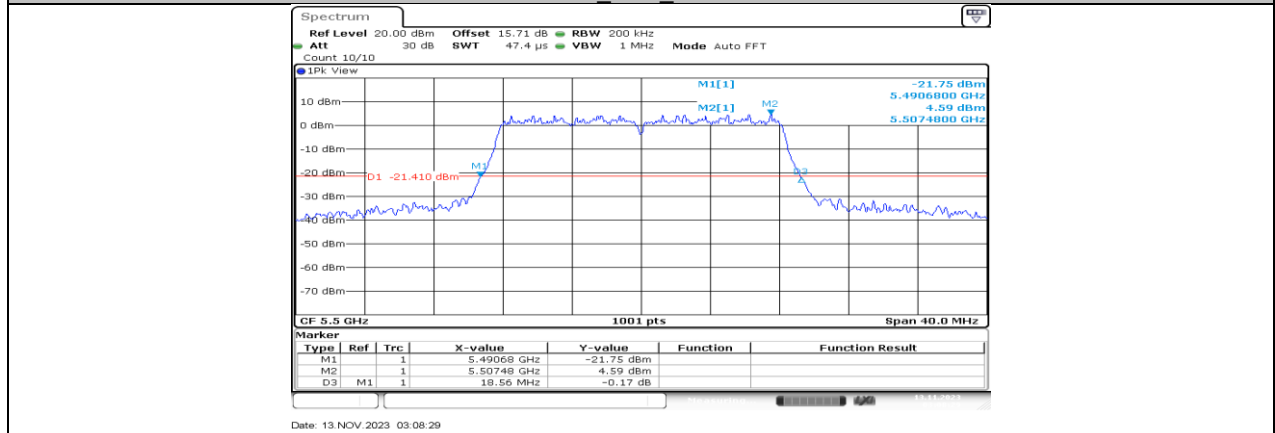
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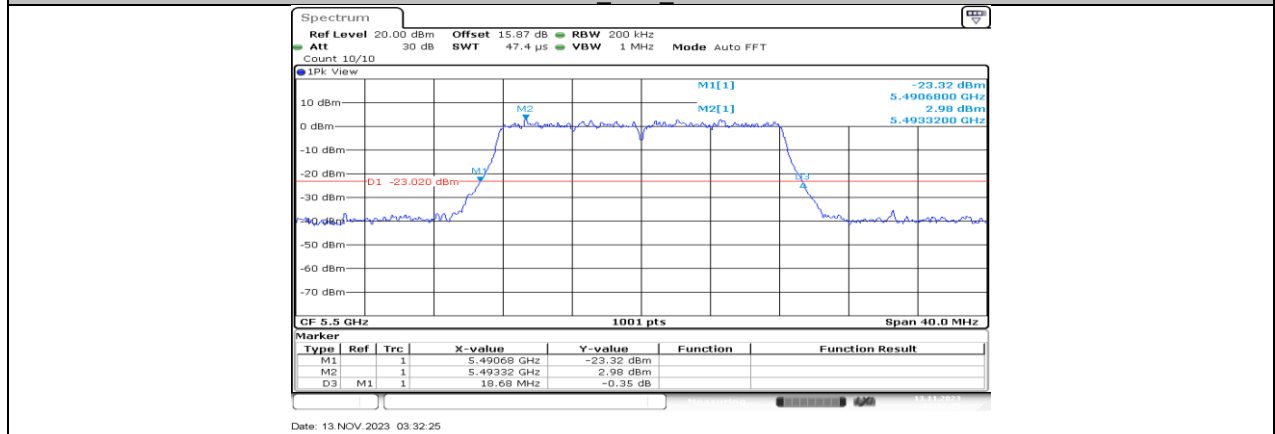
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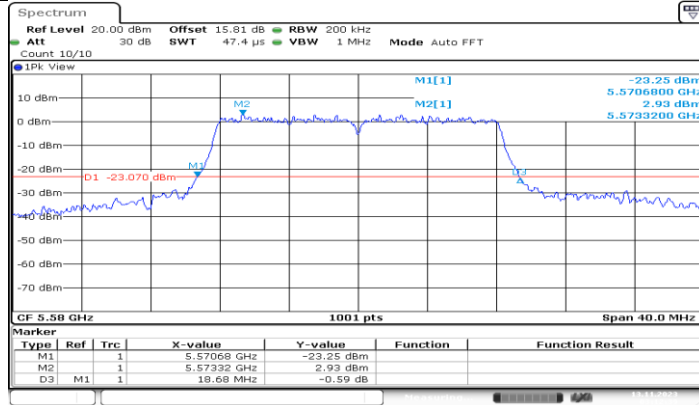
11A_Ant1_5320



11A_Ant0_5500

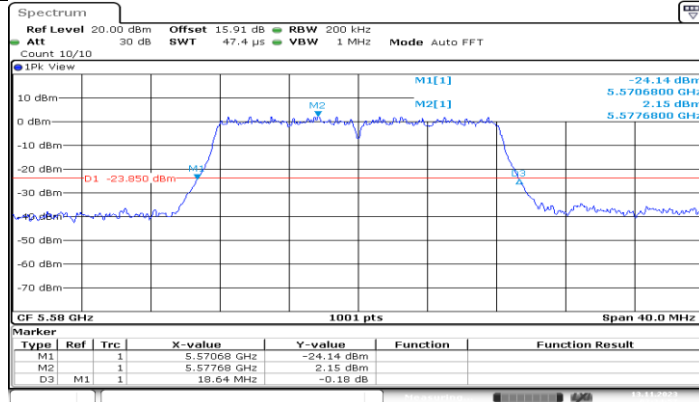


11A_Ant1_5500



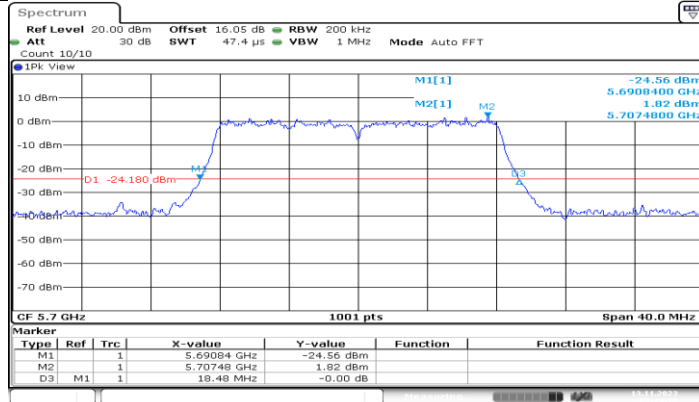
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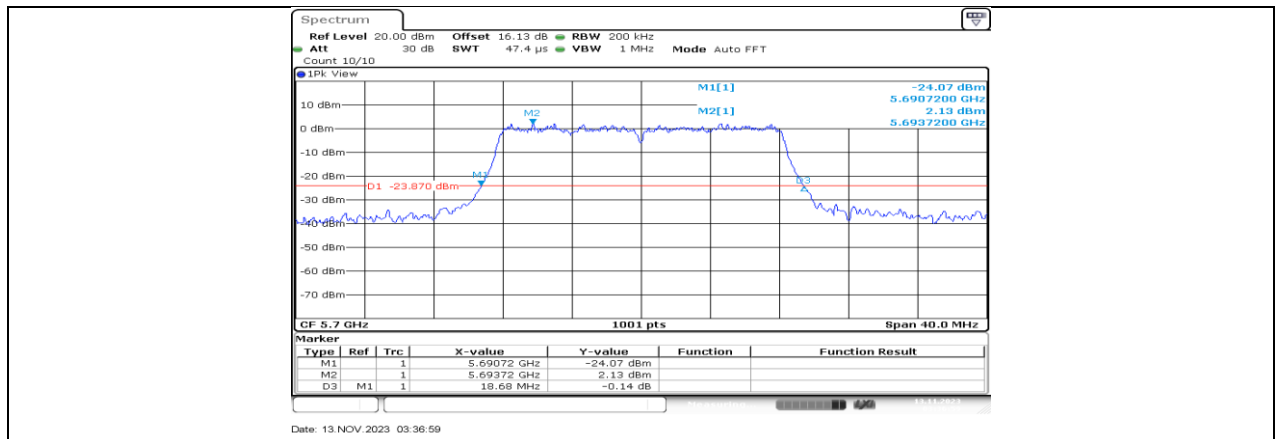
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11A_Ant1_5580

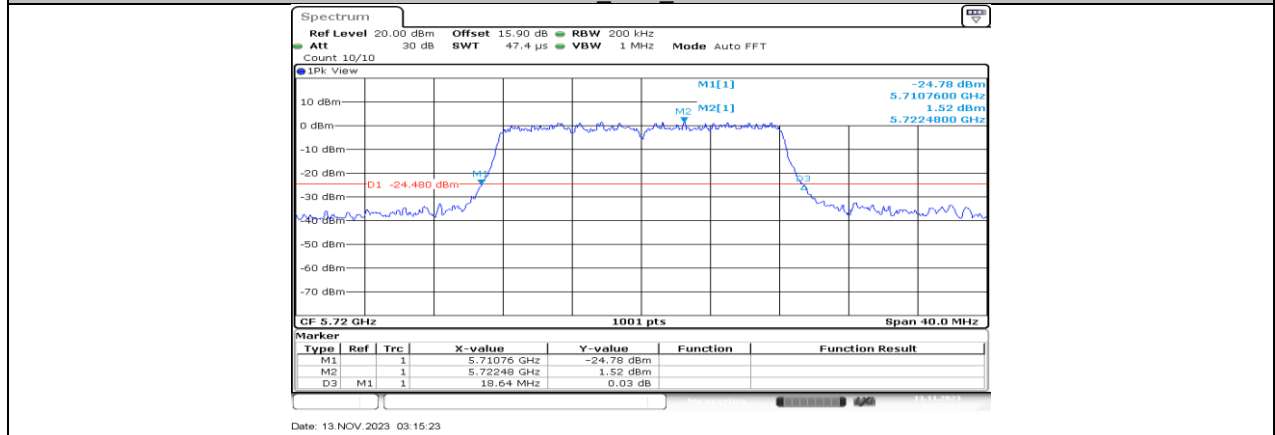


Date: 13.NOV.2023 03:14:28

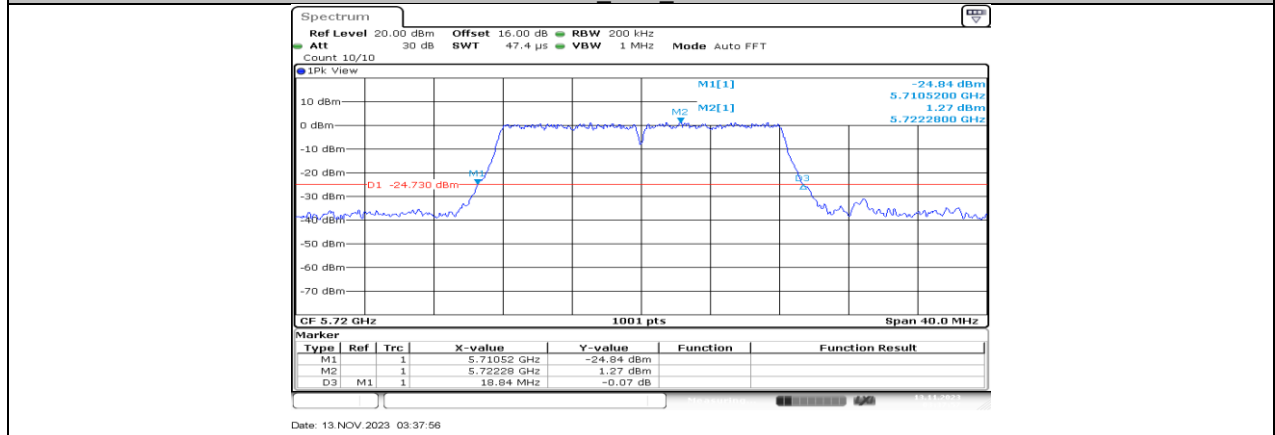
11A_Ant0_5700



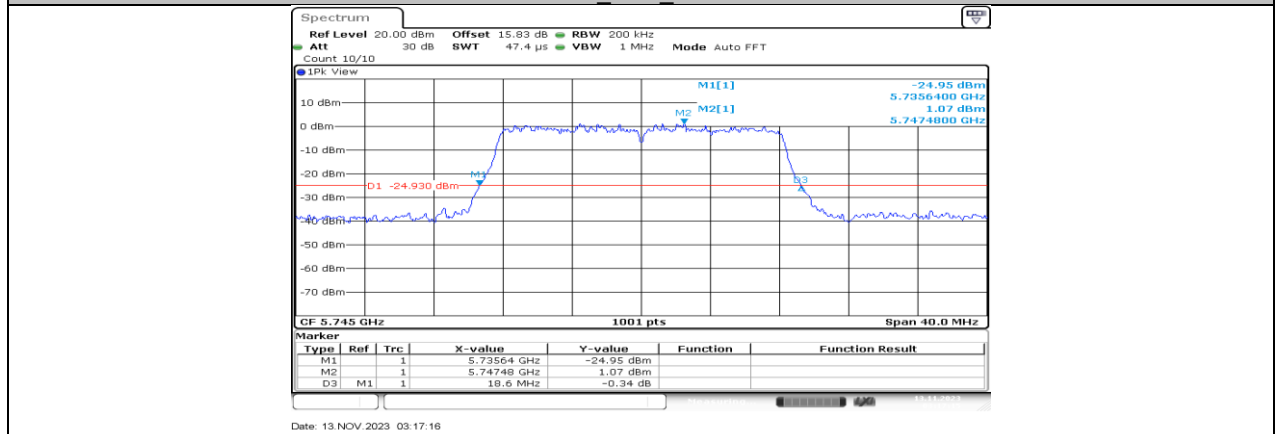
11A Ant1 5700



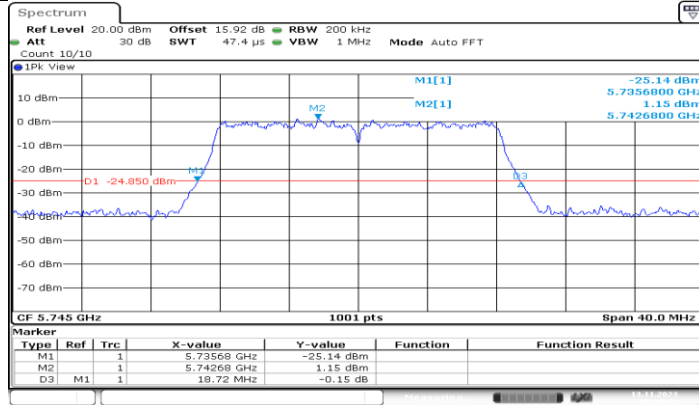
11A Ant0 5720



11A Ant1 5720

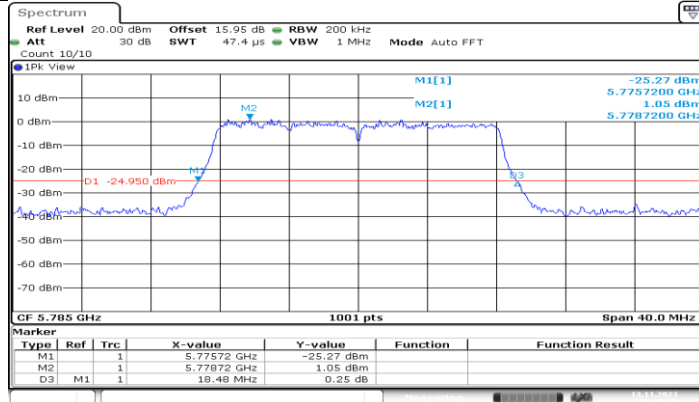


11A_Ant0_5745



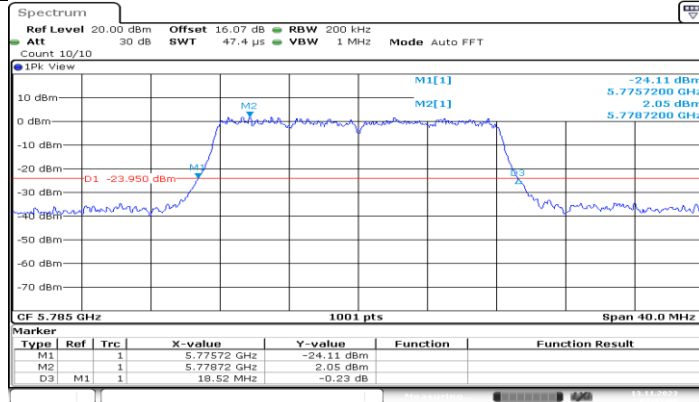
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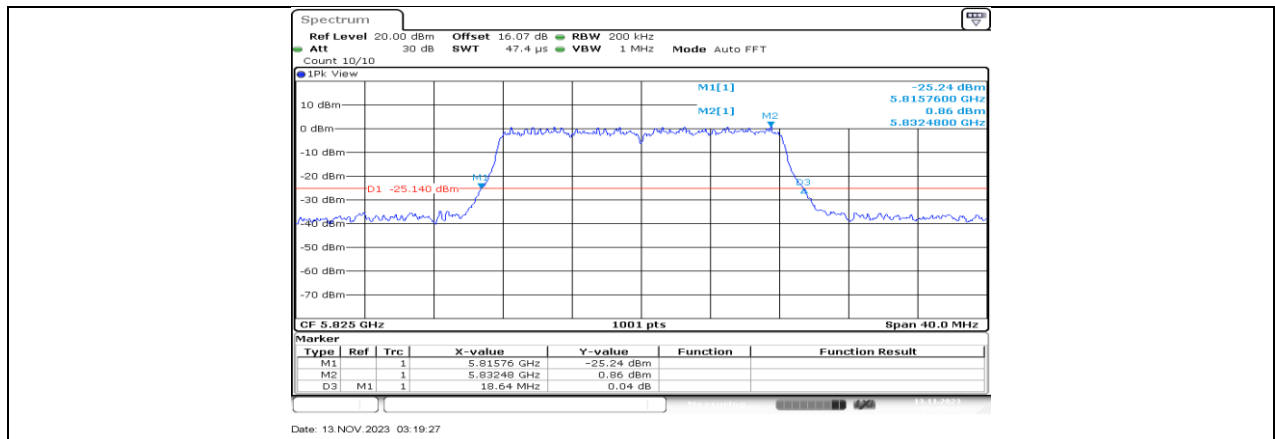
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11A_Ant0_5785

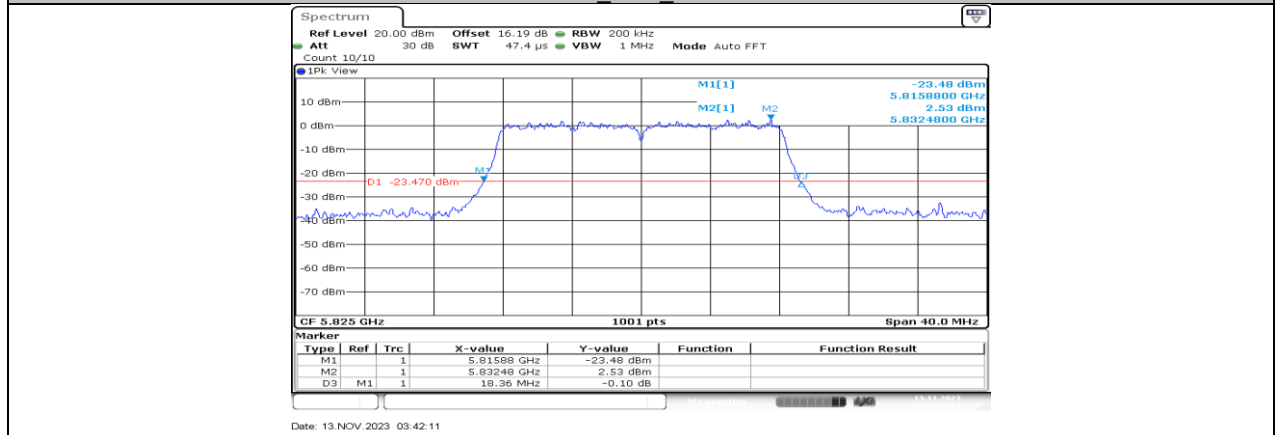


Date: 13.NOV.2023 03:41:06

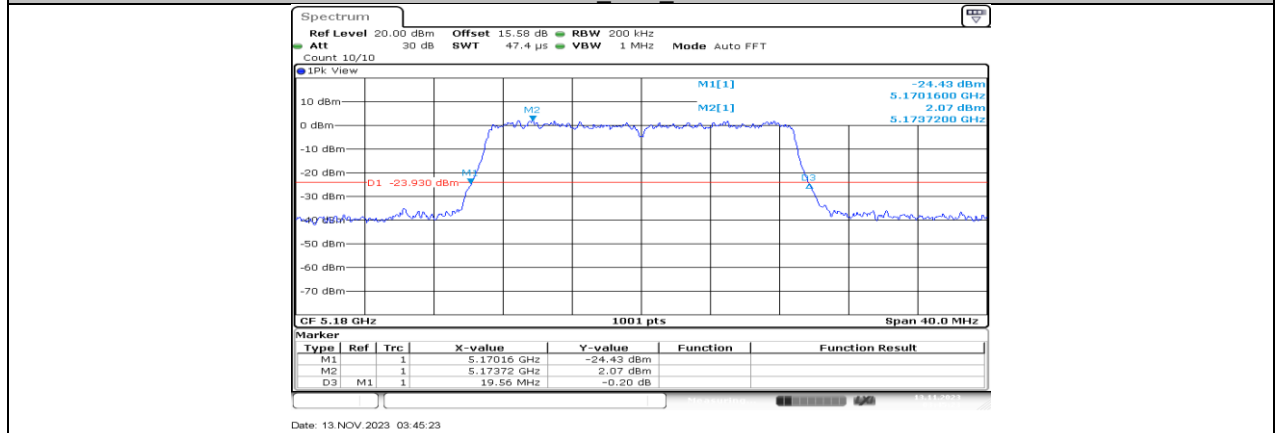
11A_Ant1_5785



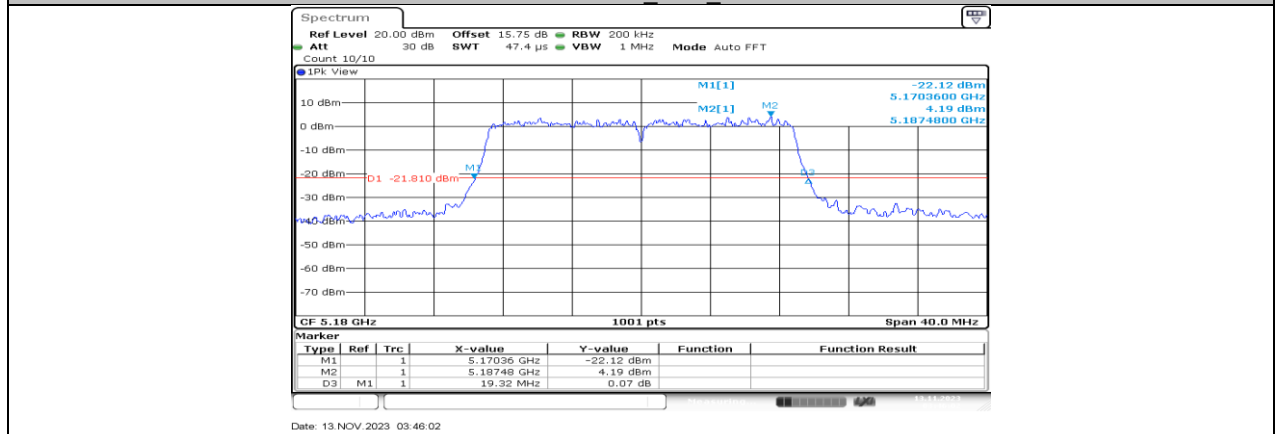
11A Ant0 5825



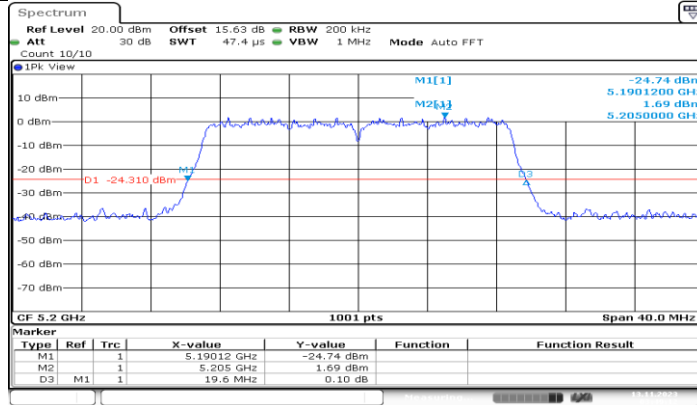
11A Ant1 5825



11N20MIMO Ant0 5180

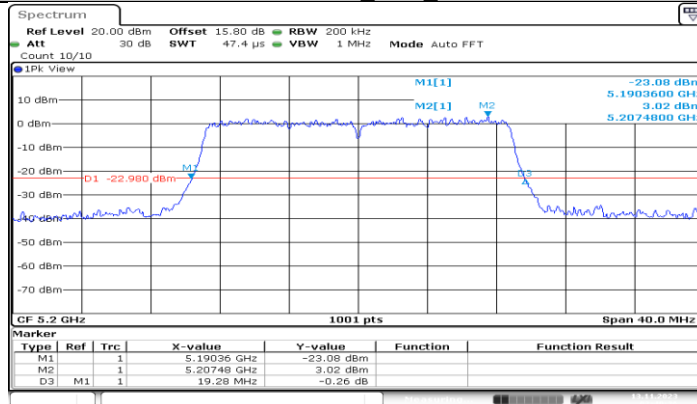


11N20MIMO_Ant1_5180



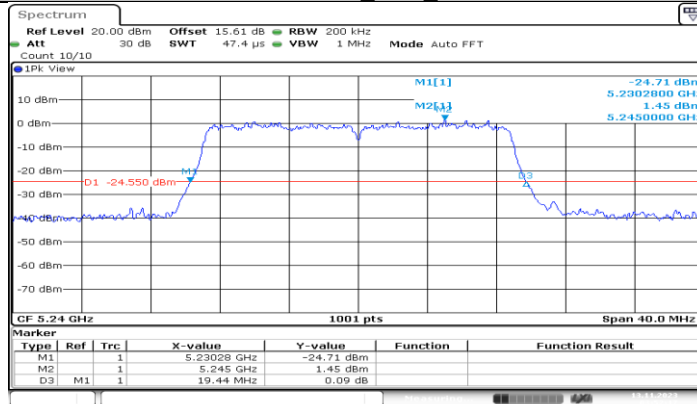
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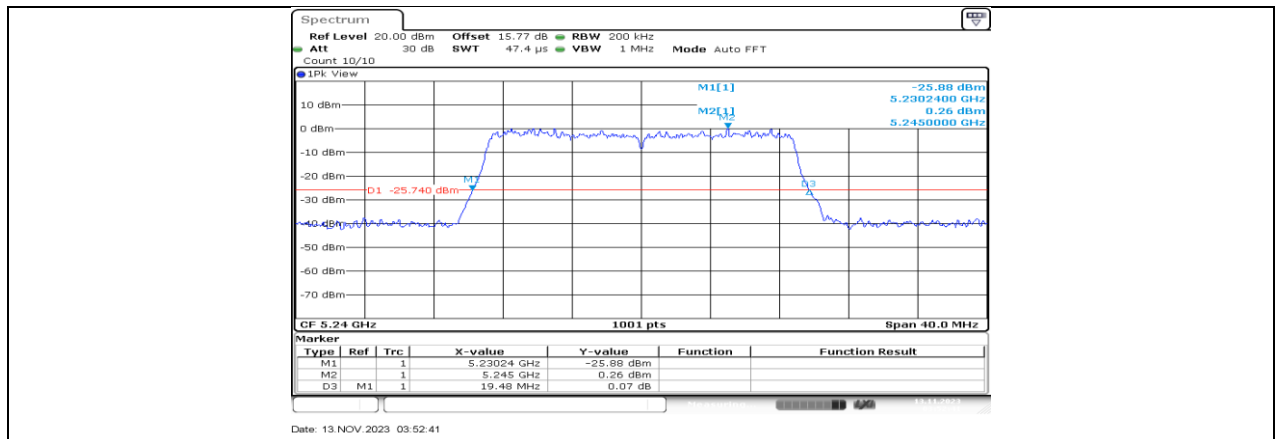
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11N20MIMO_Ant1_5200

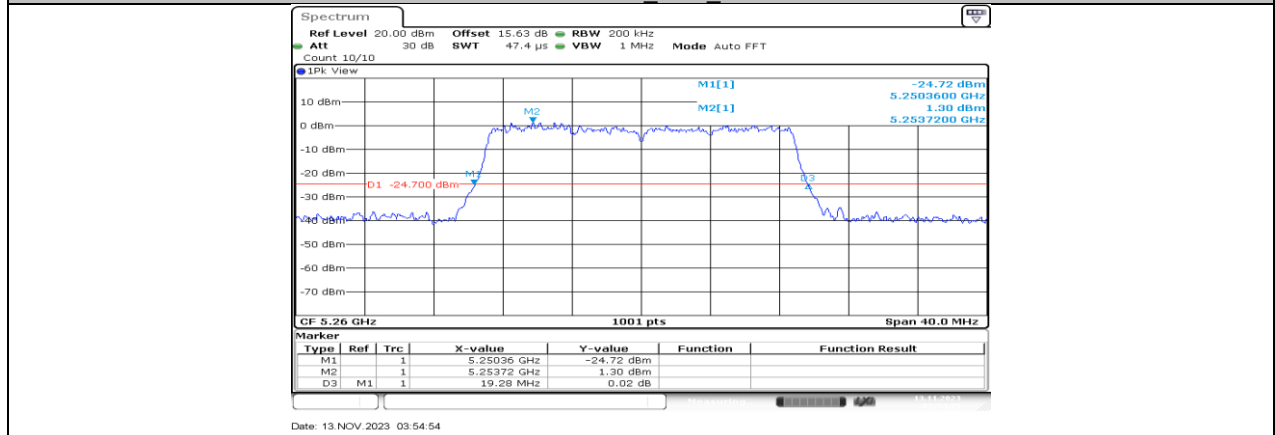


Date: 13.NOV.2023 03:52:17

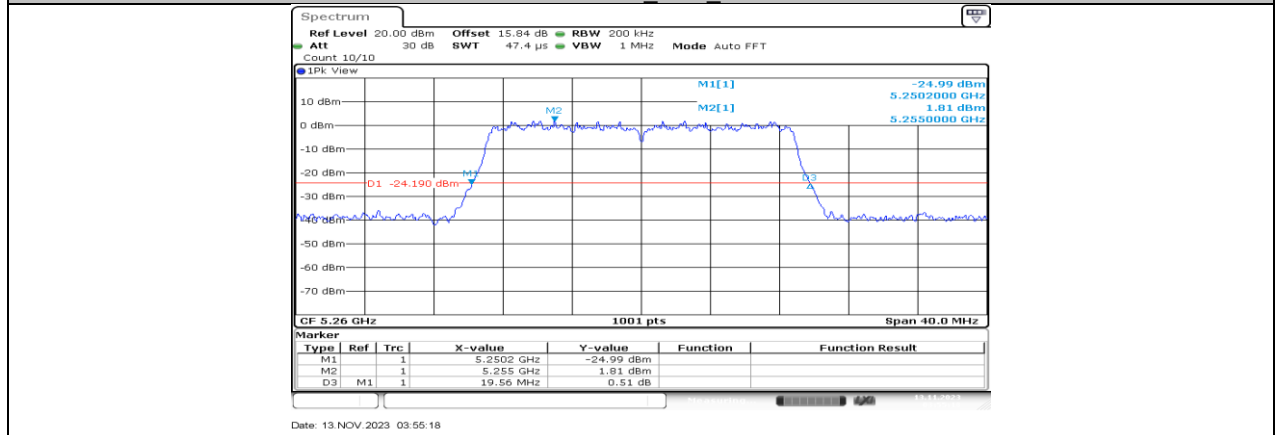
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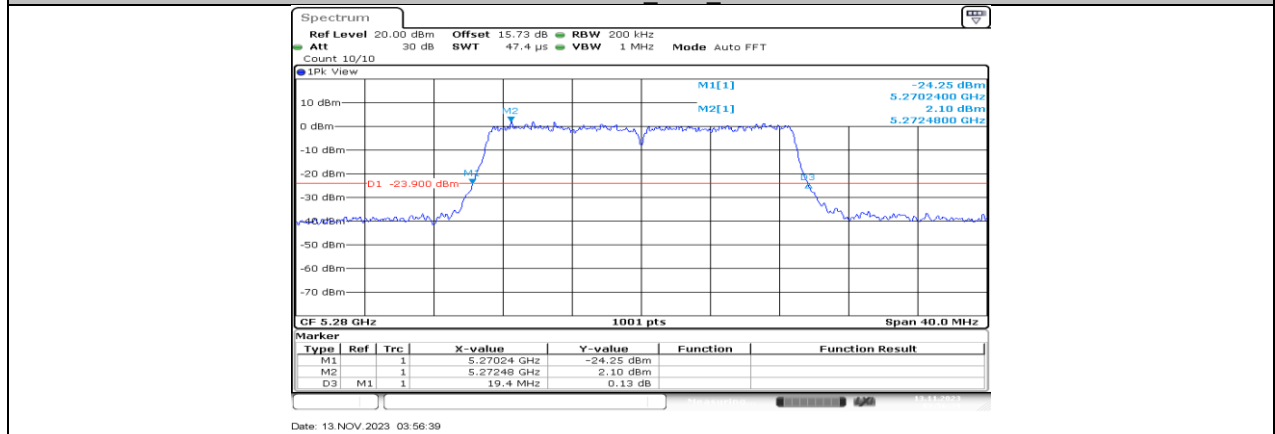
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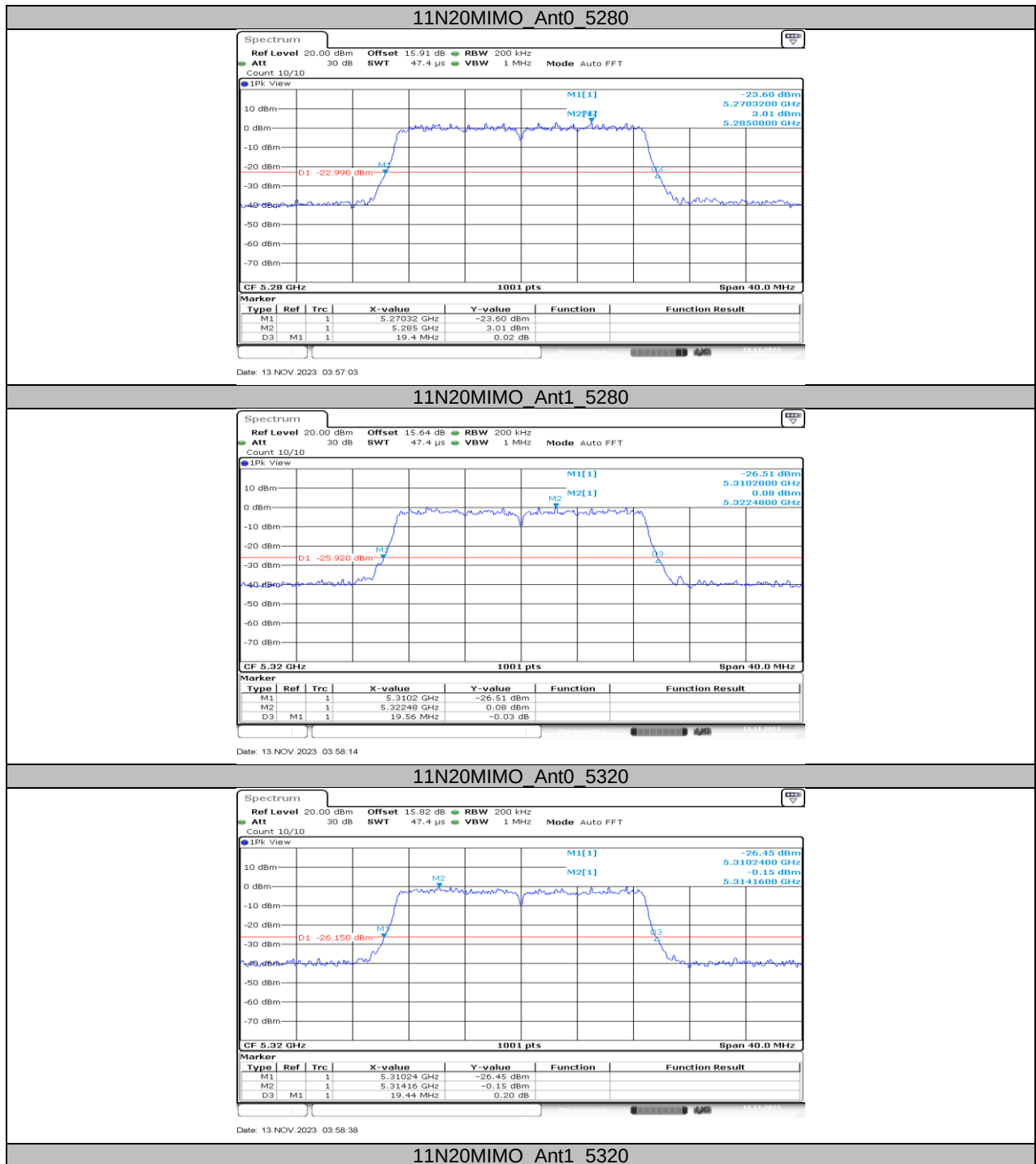


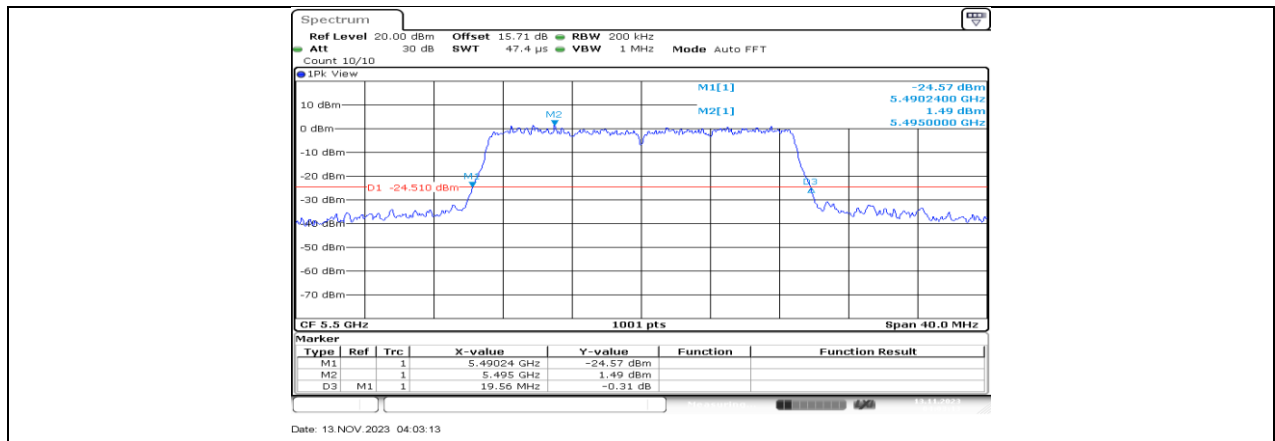
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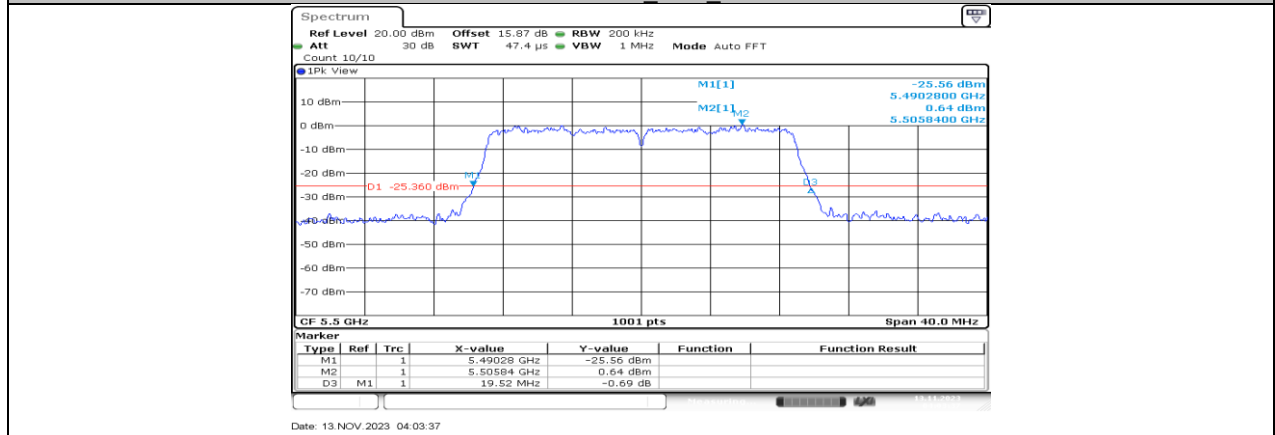
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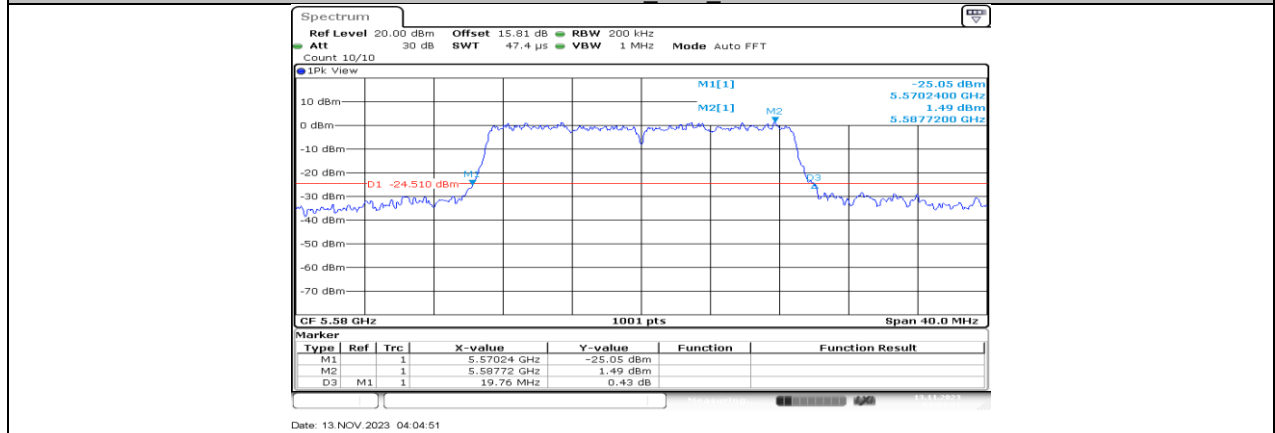




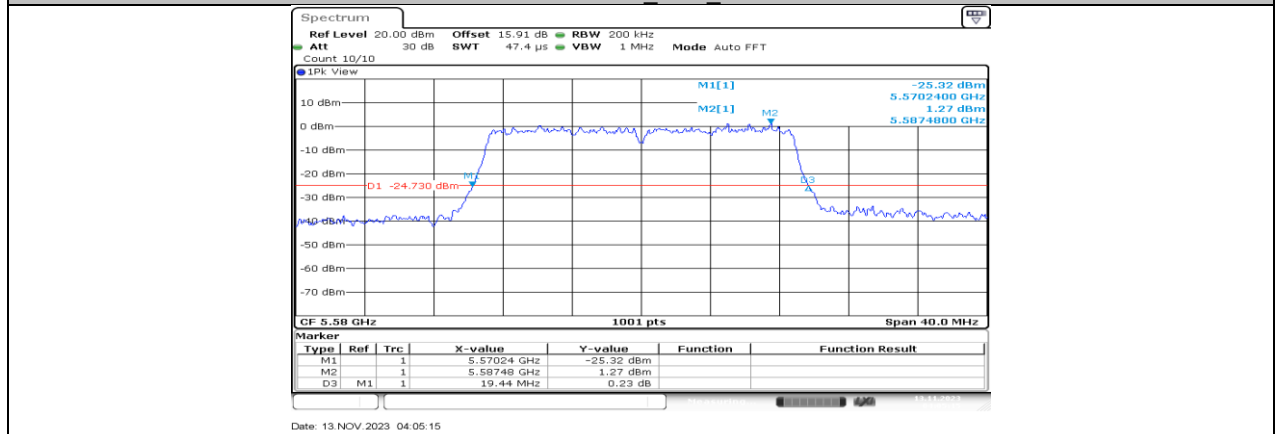
11N20MIMO_Ant0_5500

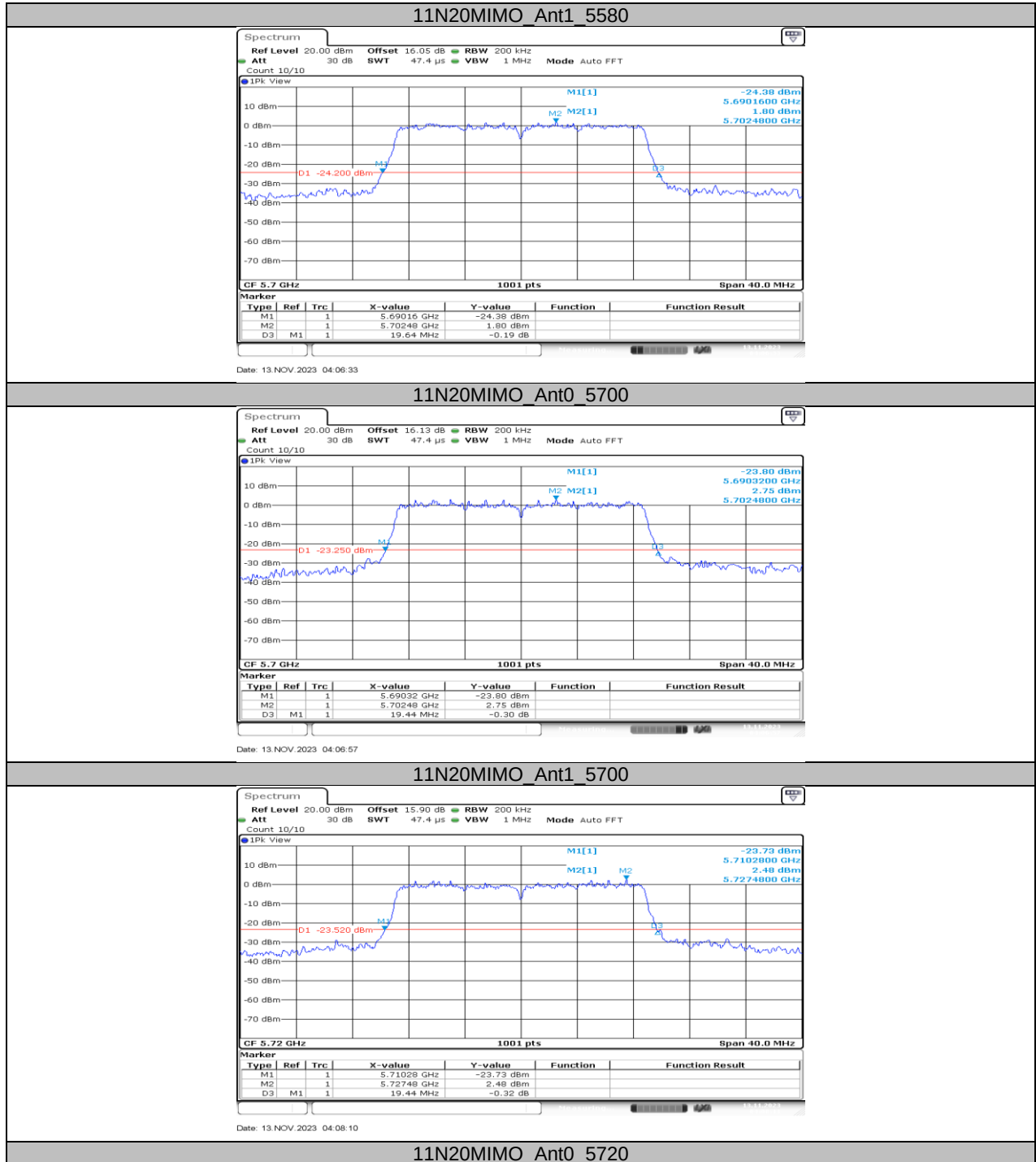


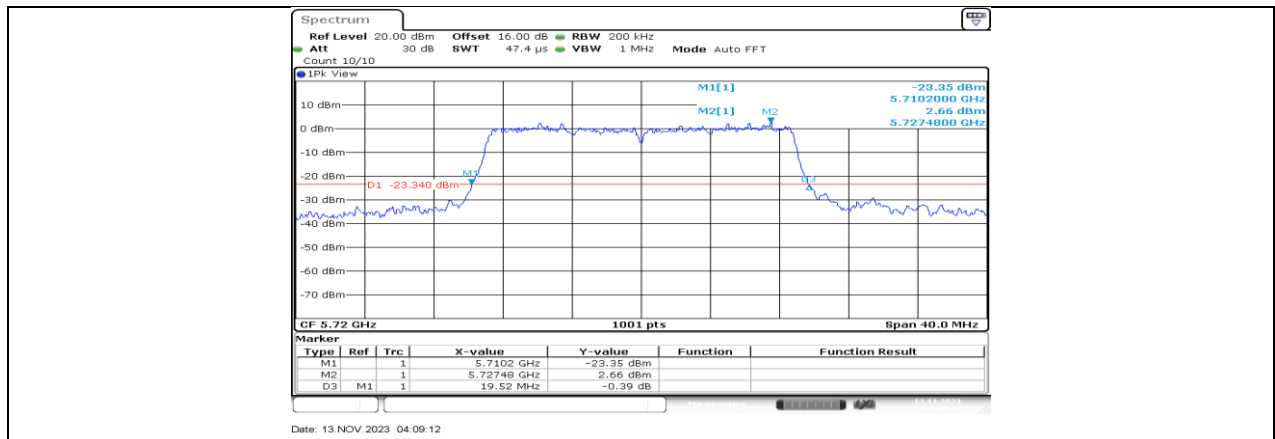
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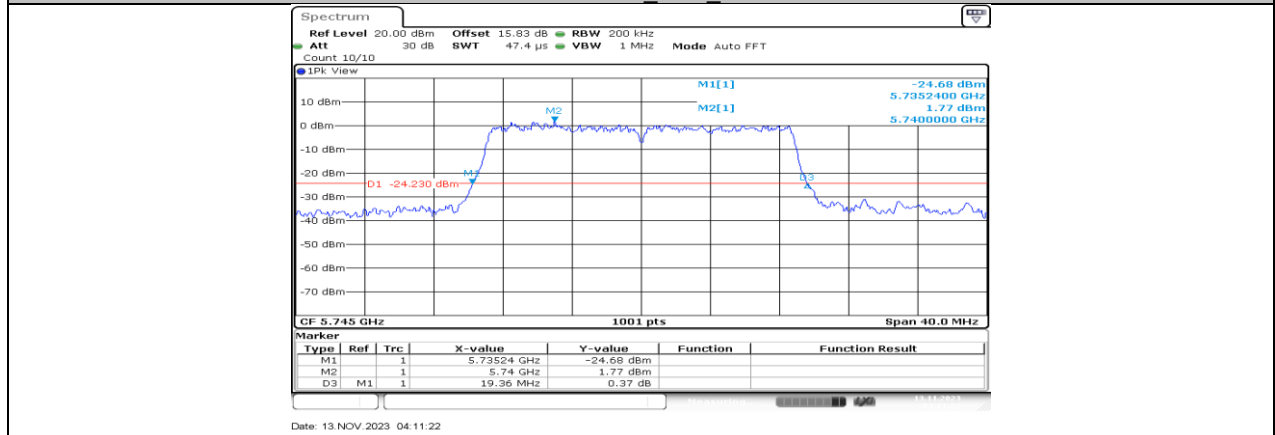
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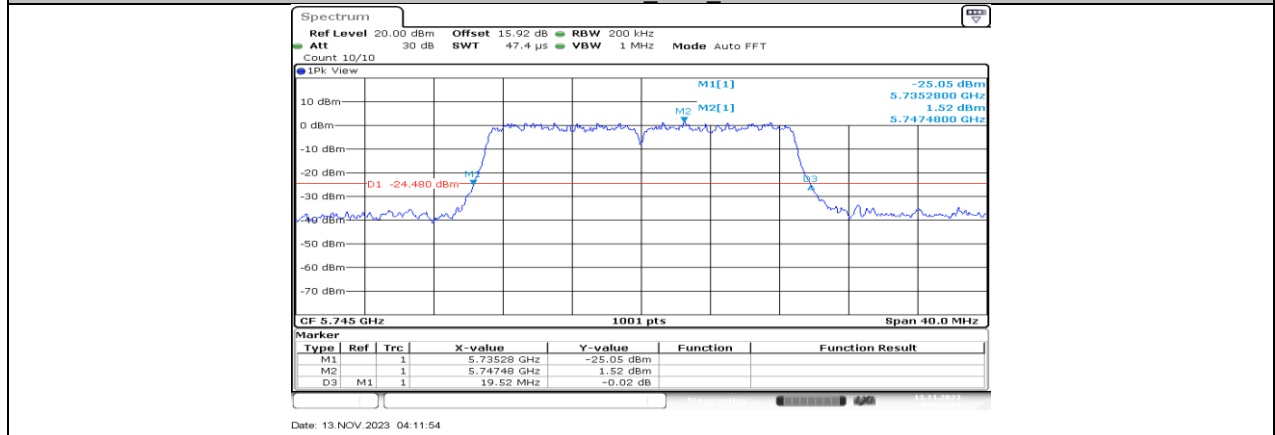




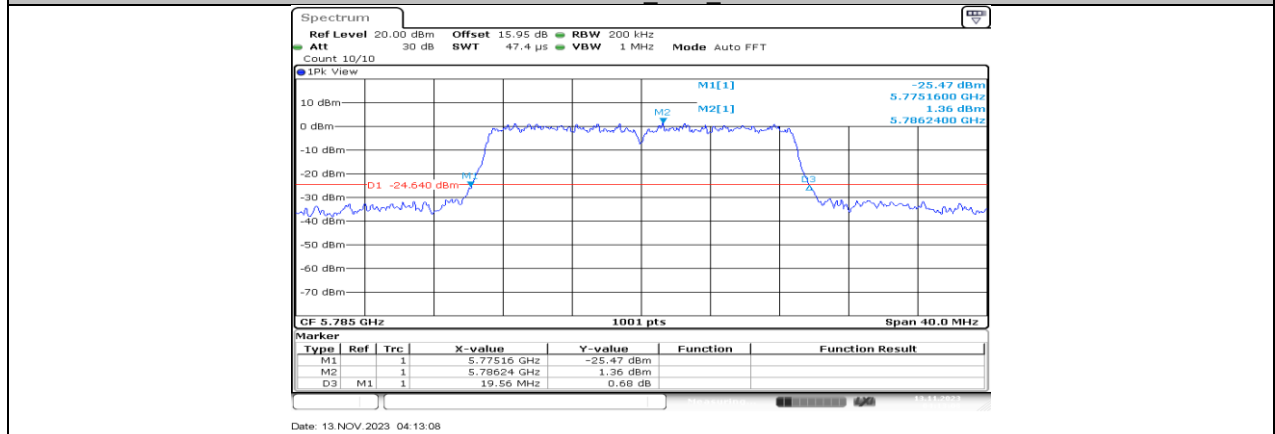
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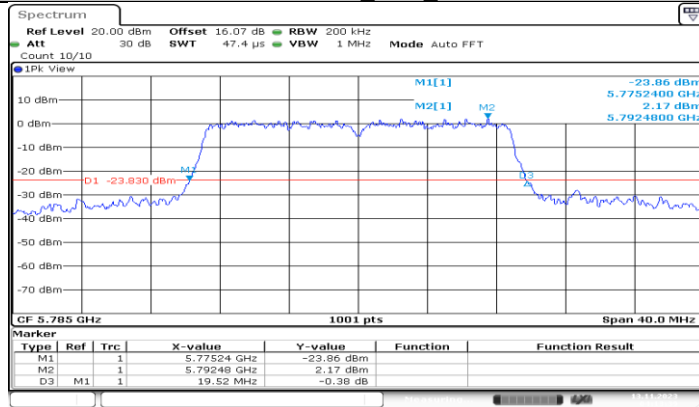
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11N20MIMO_Ant1_5745

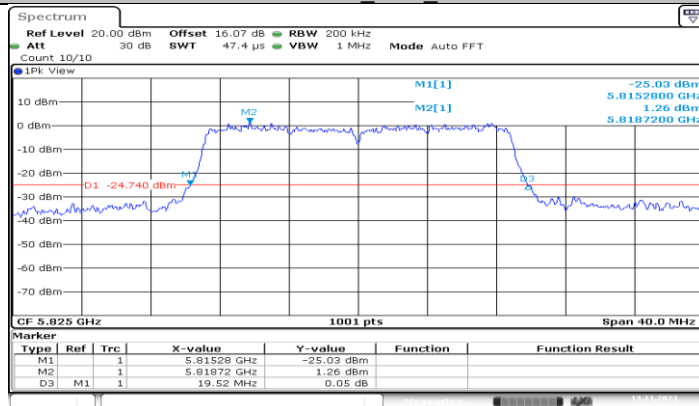


11N20MIMO_Ant0_5785



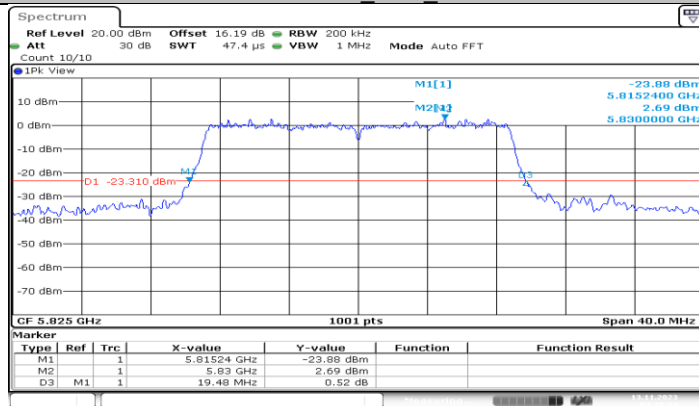
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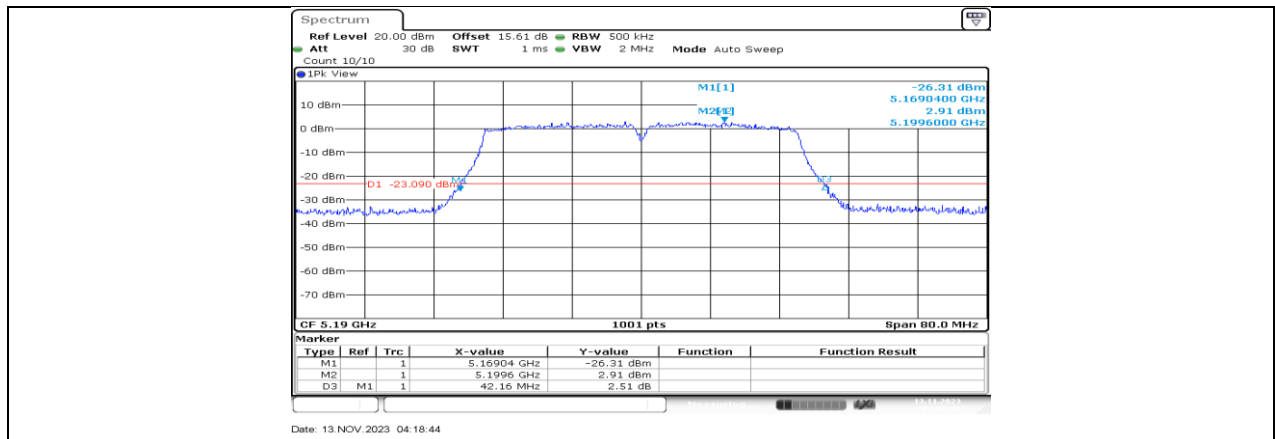
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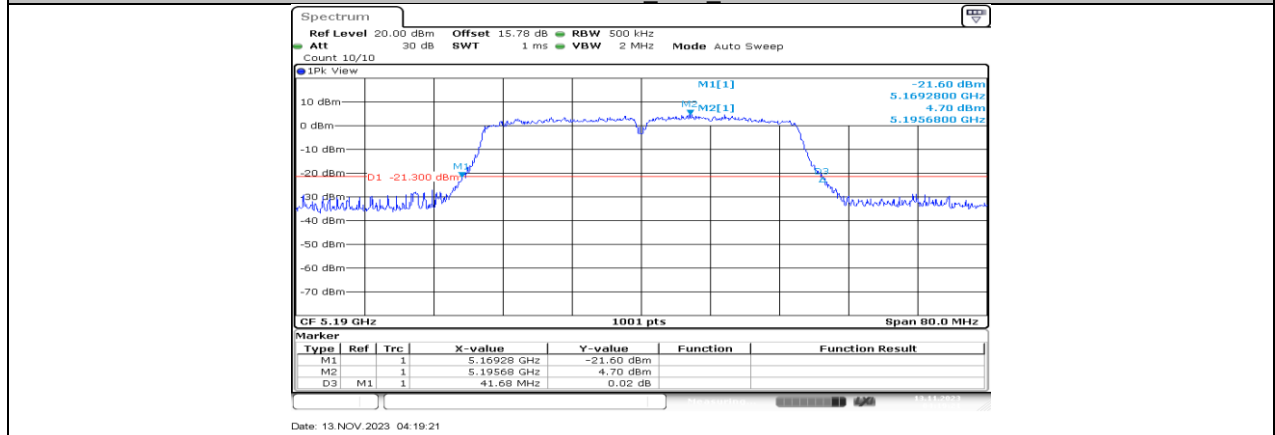


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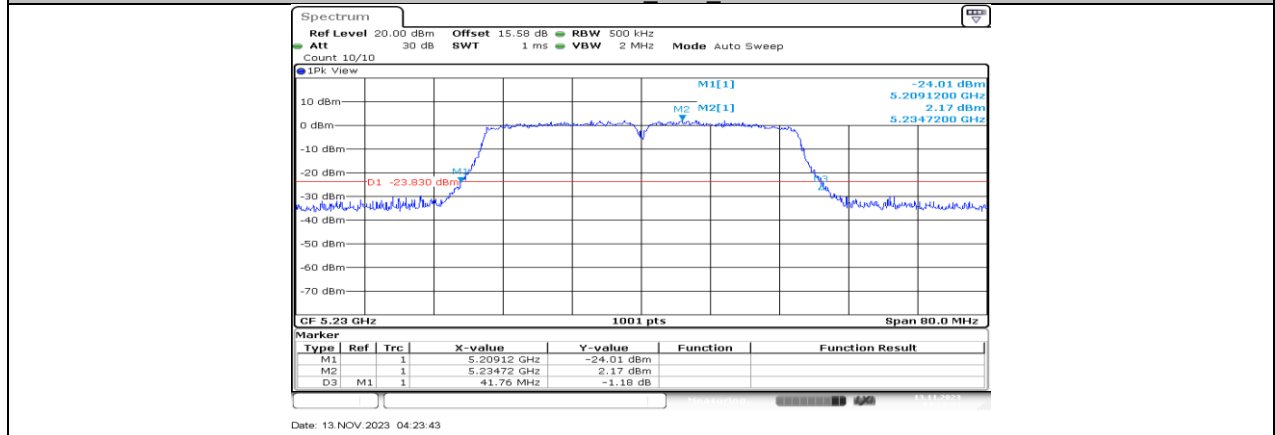
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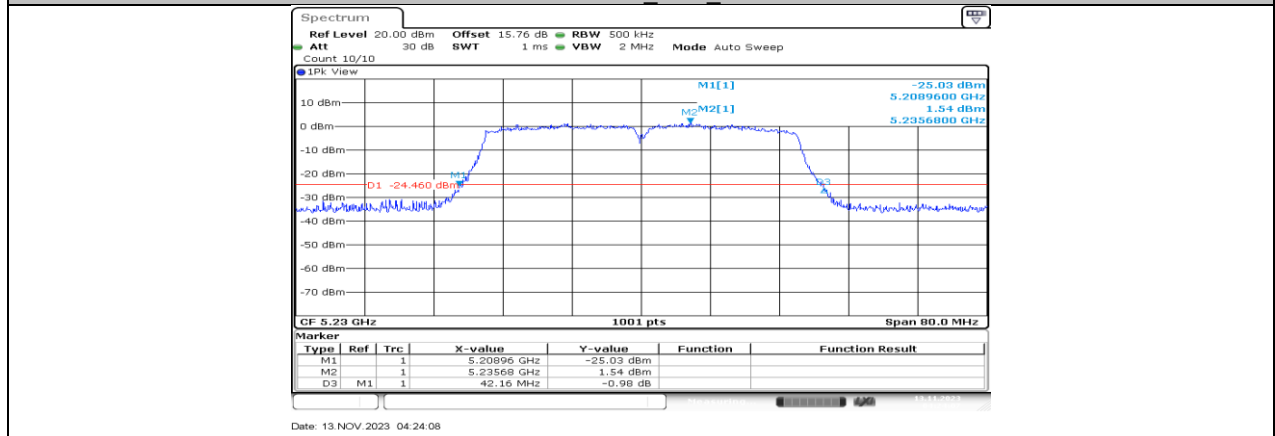
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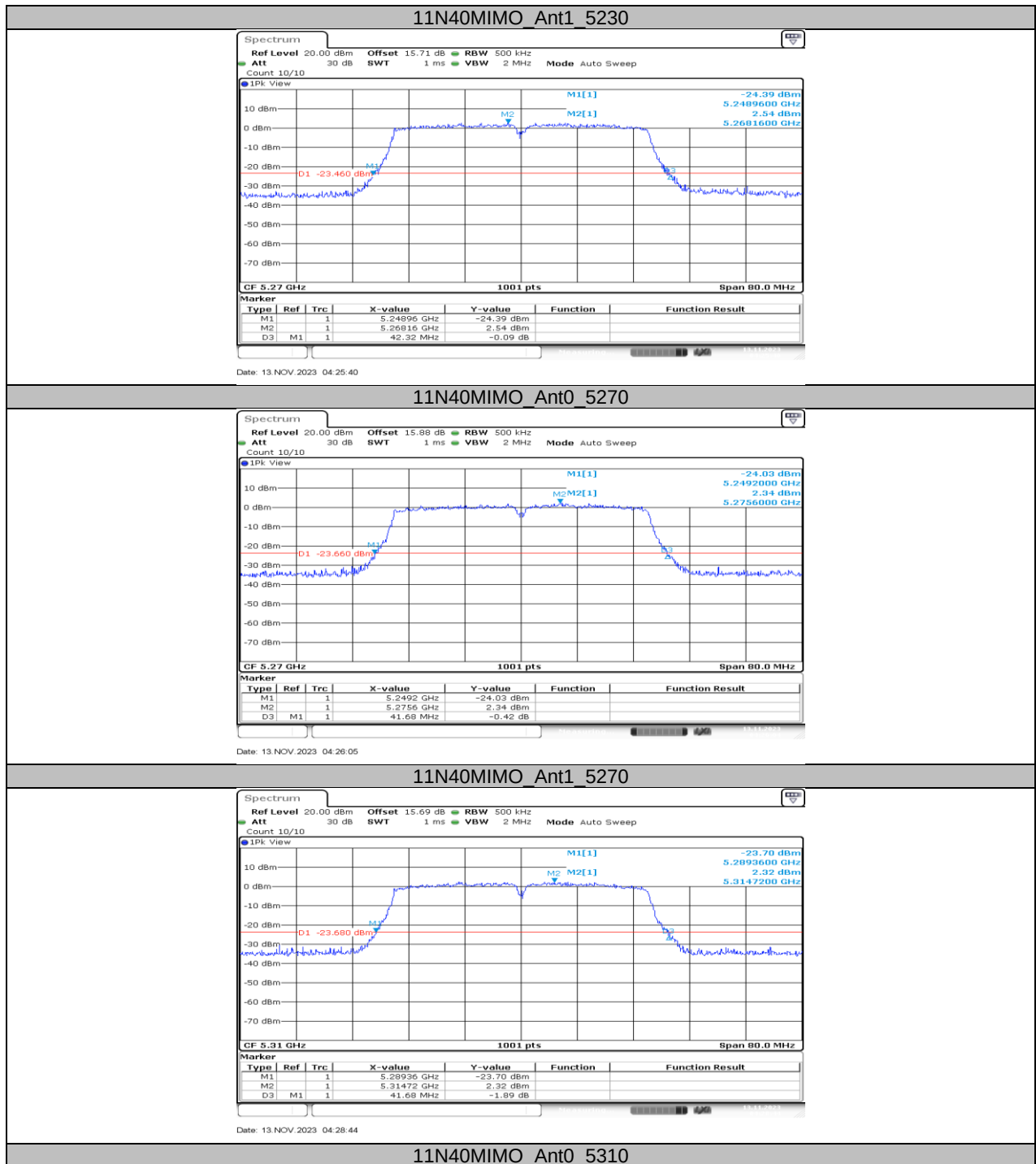


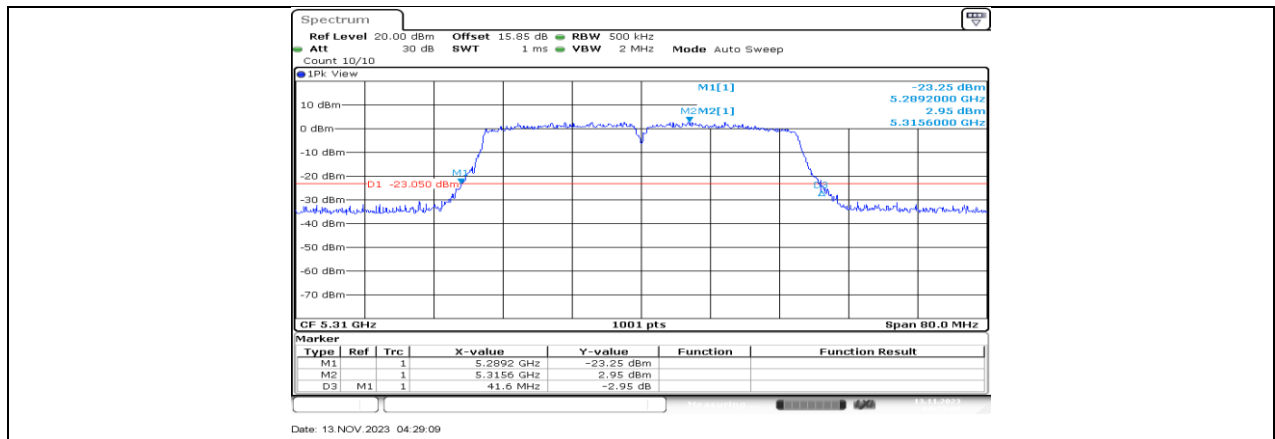
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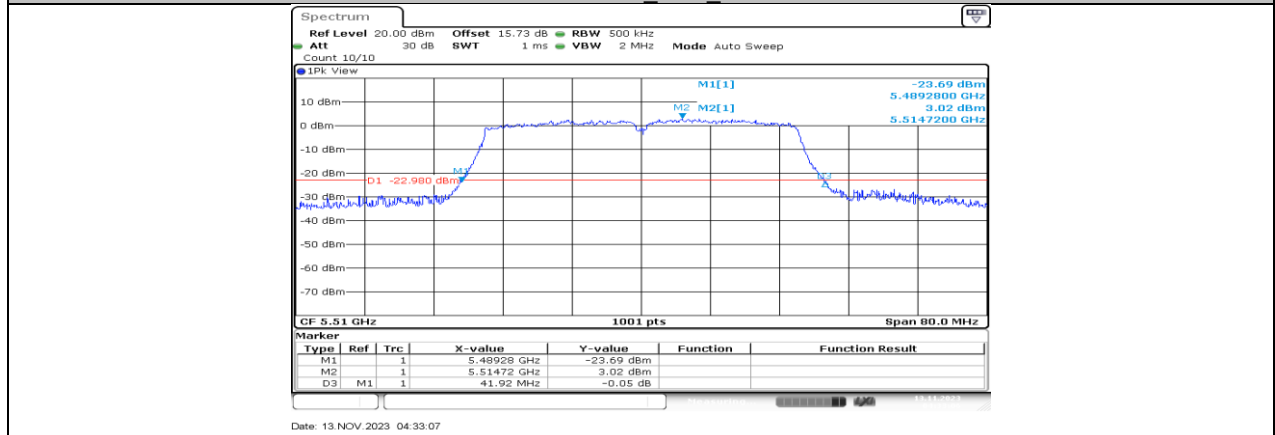
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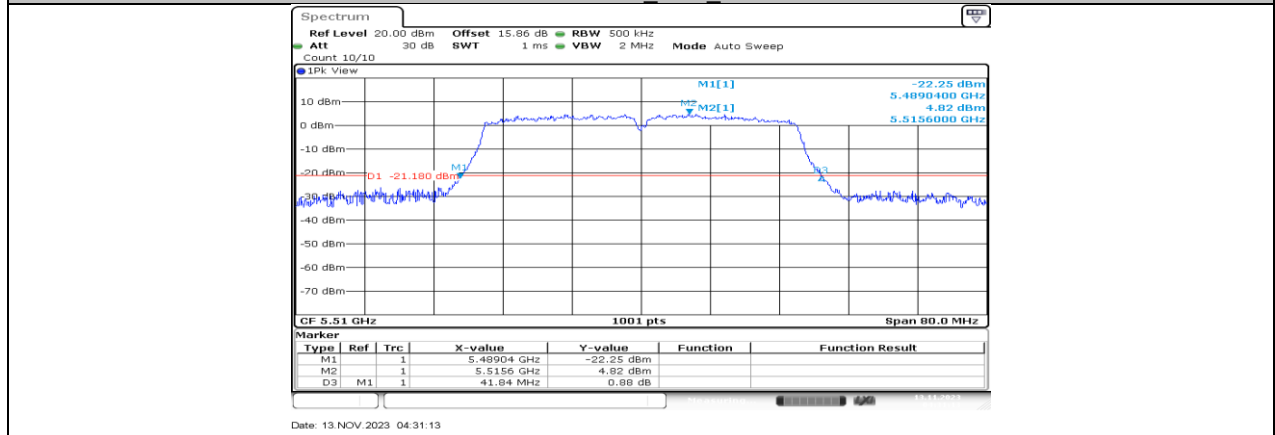




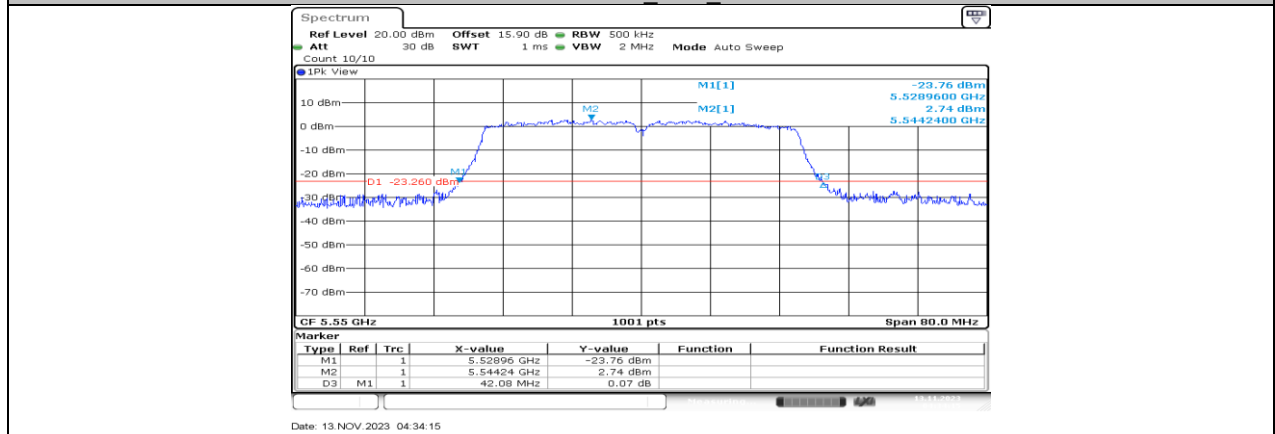
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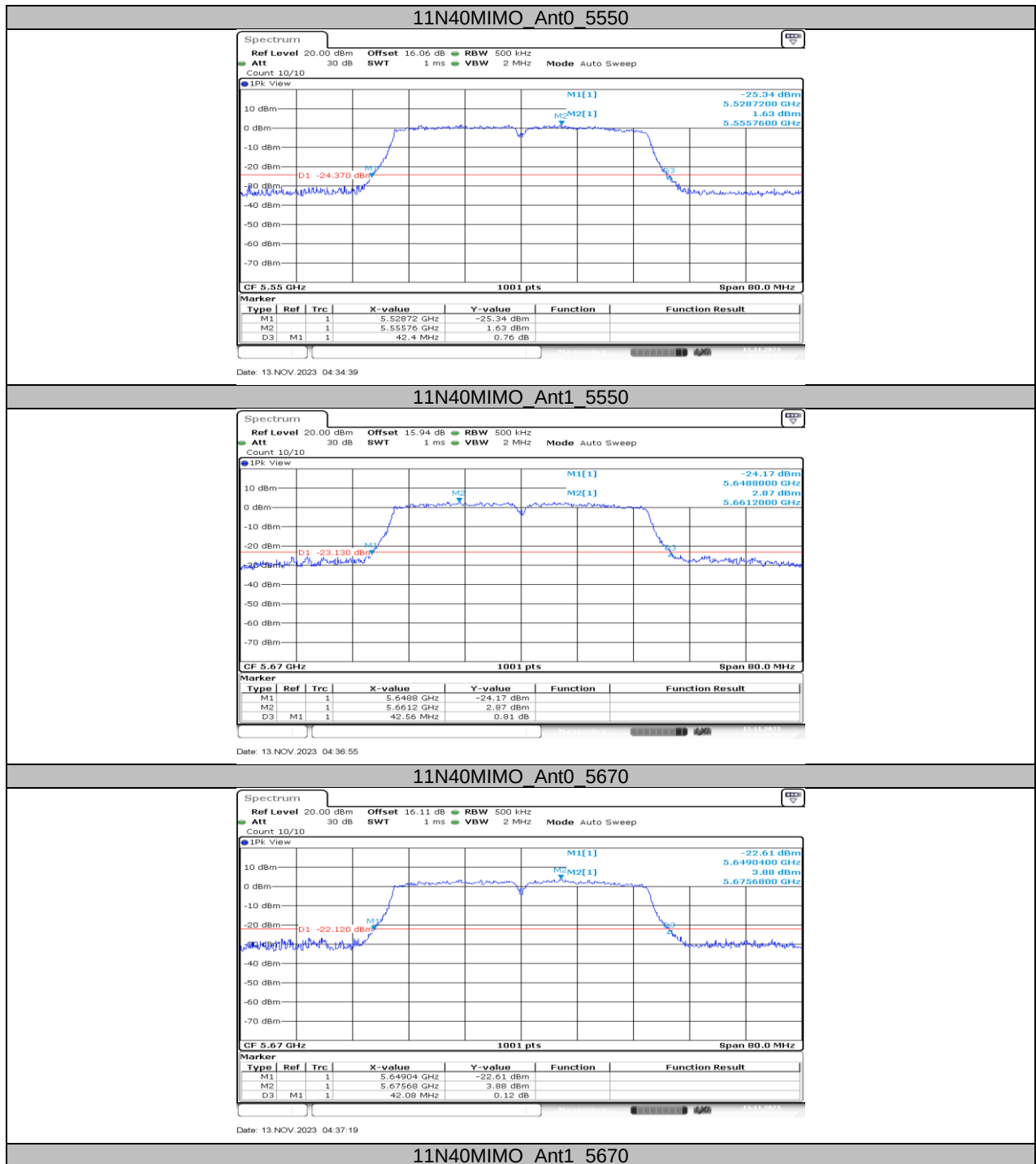


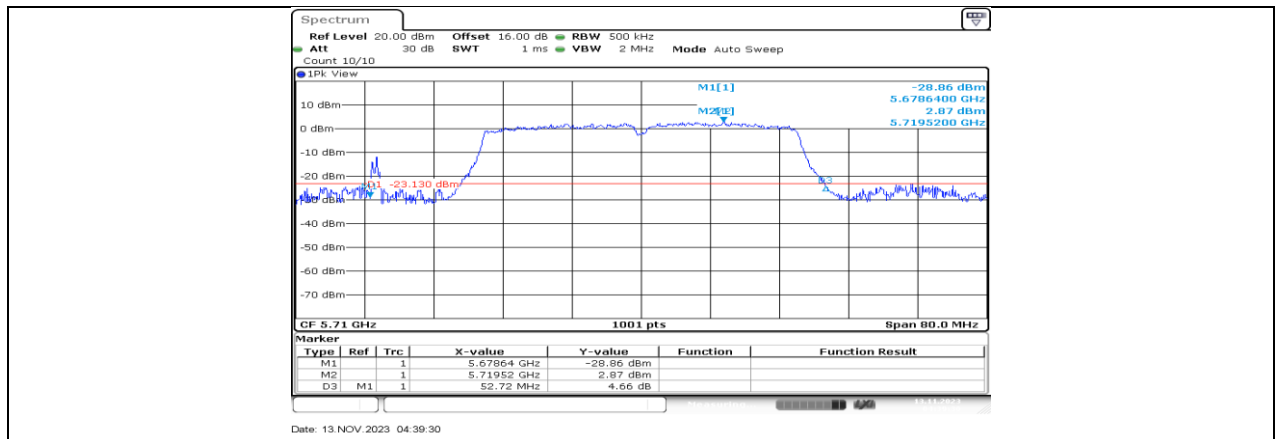
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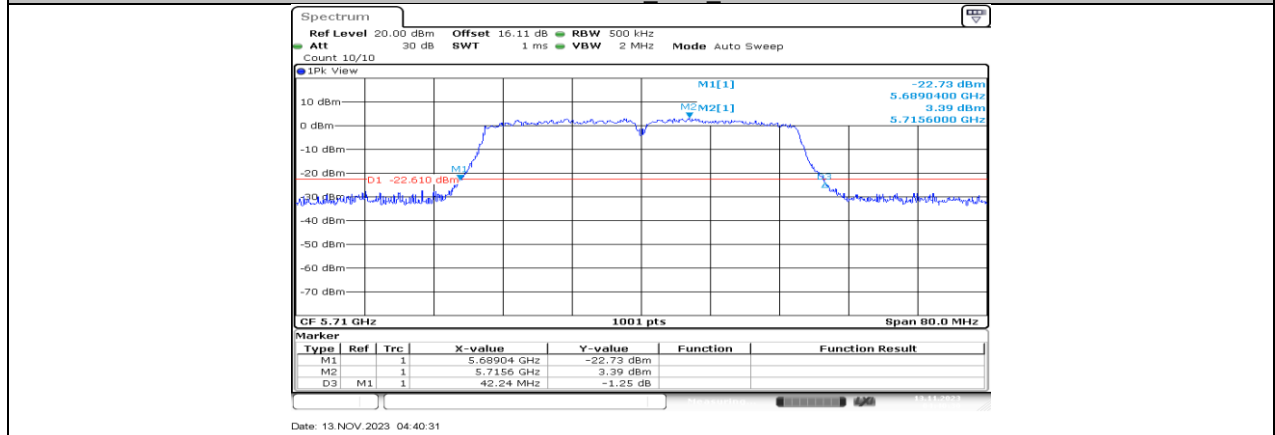
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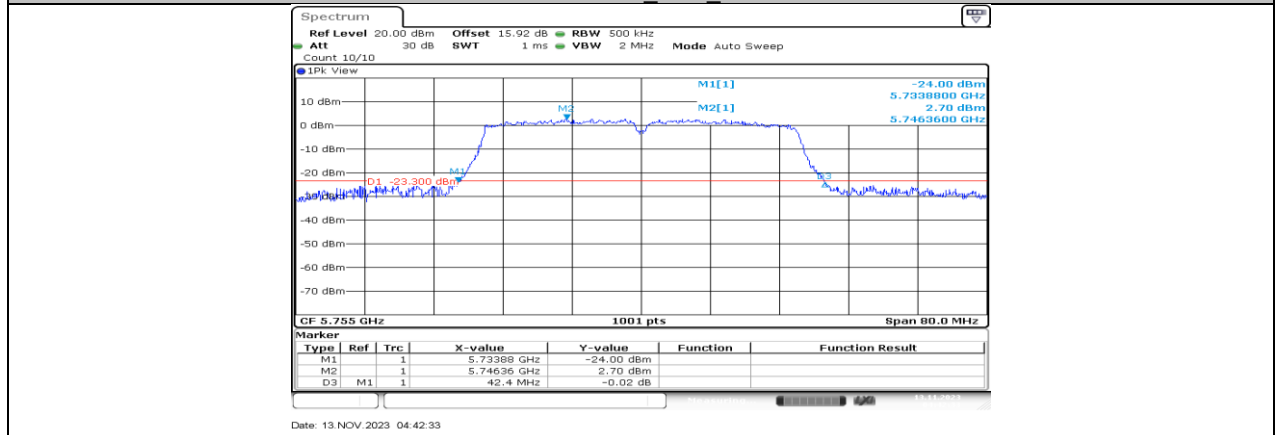




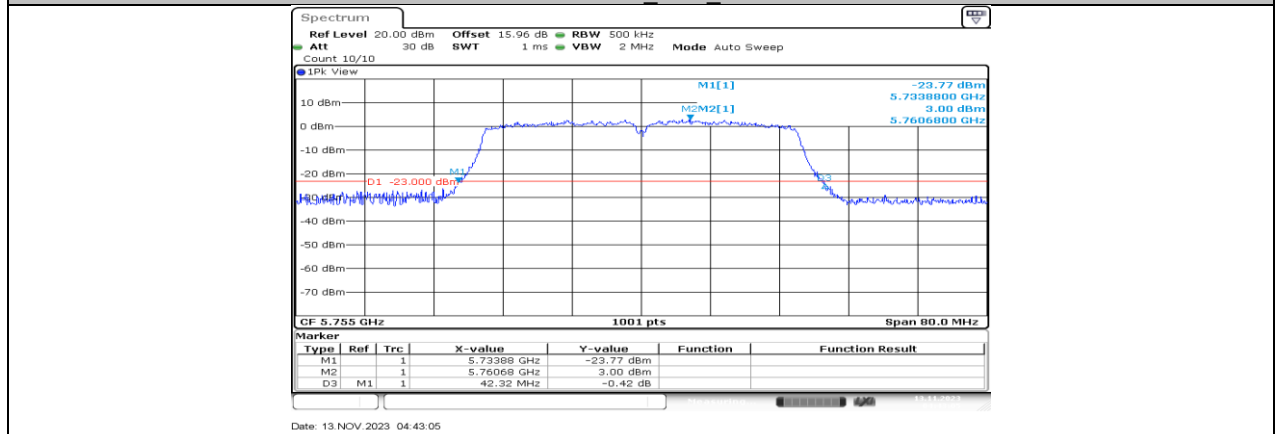
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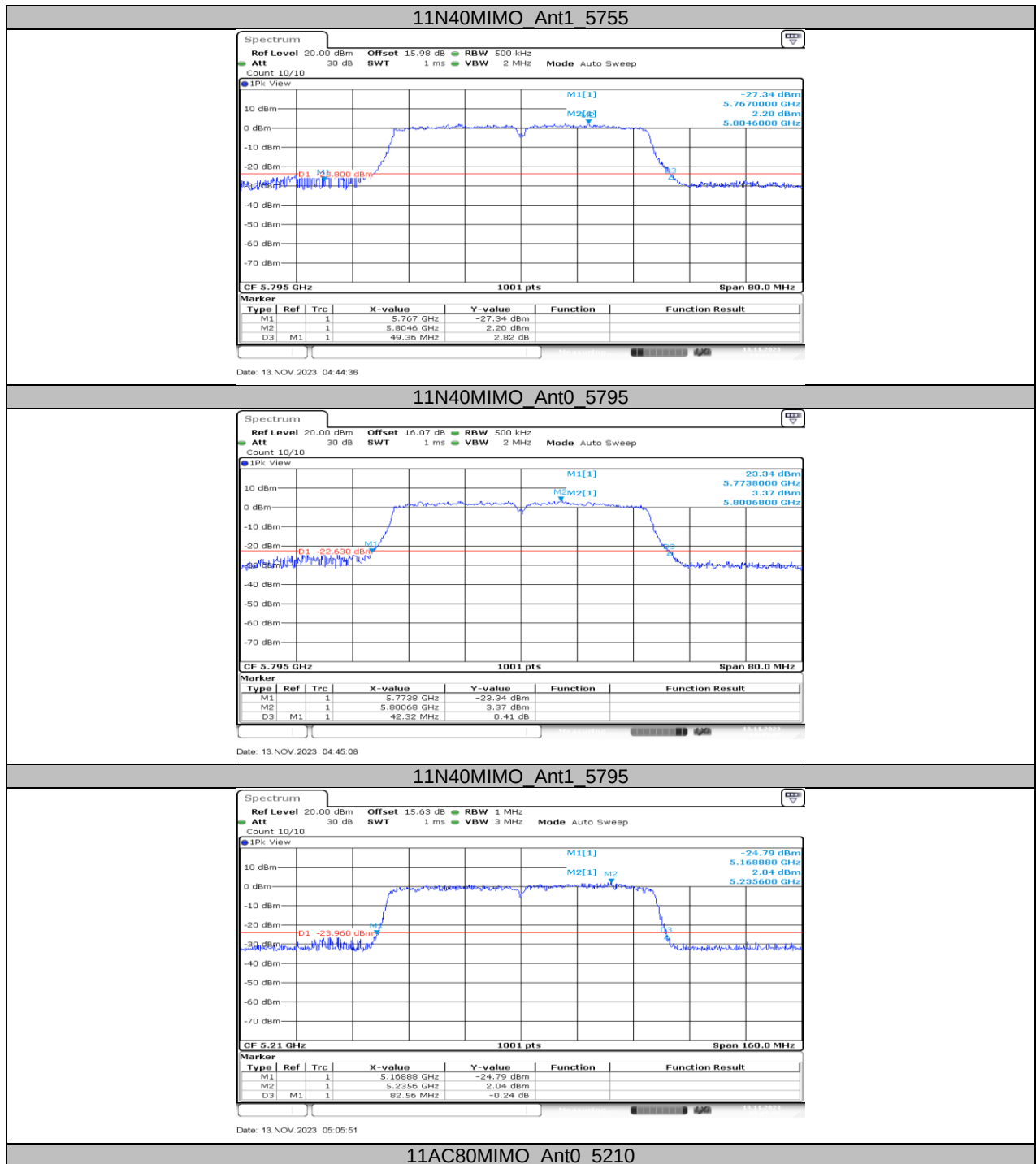


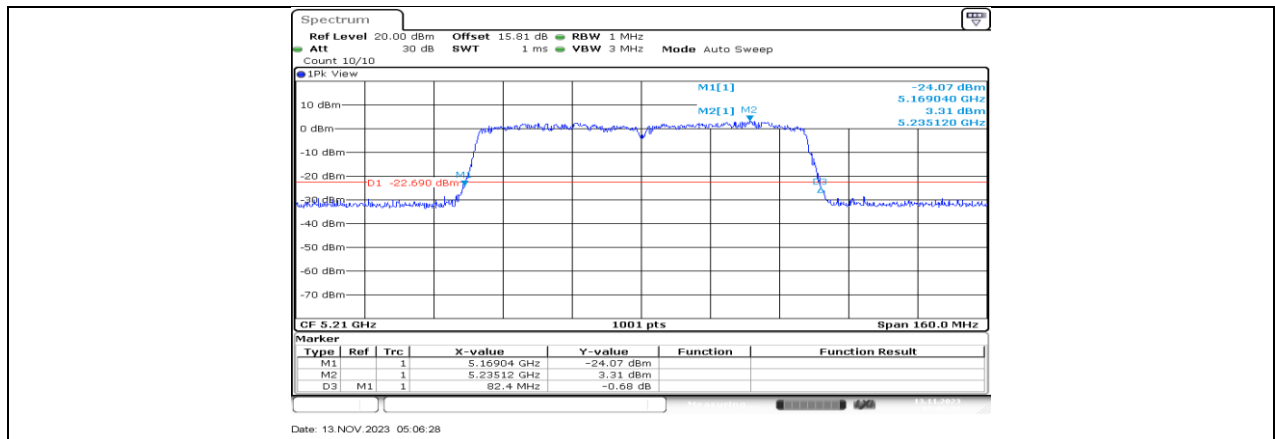
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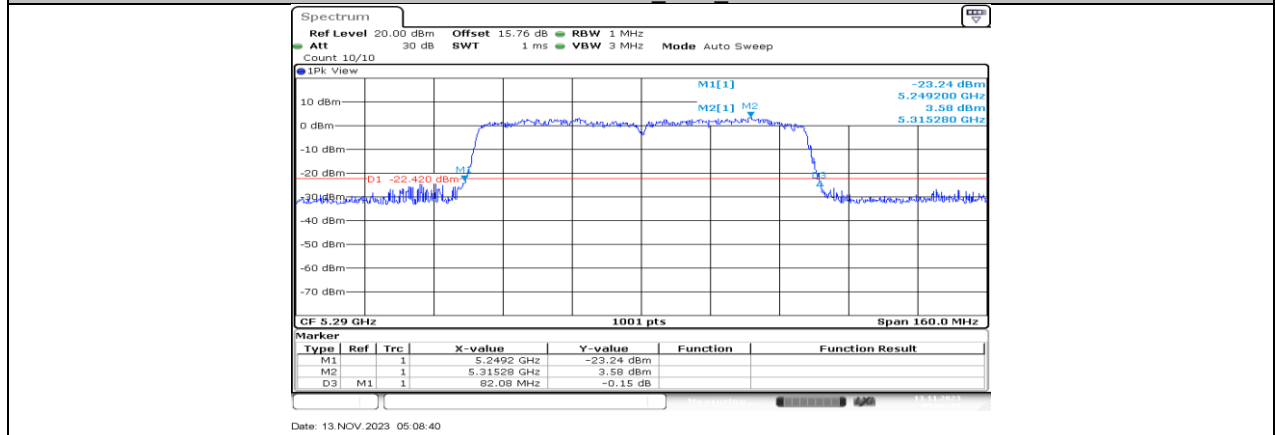
11N40MIMO_Ant0_5755



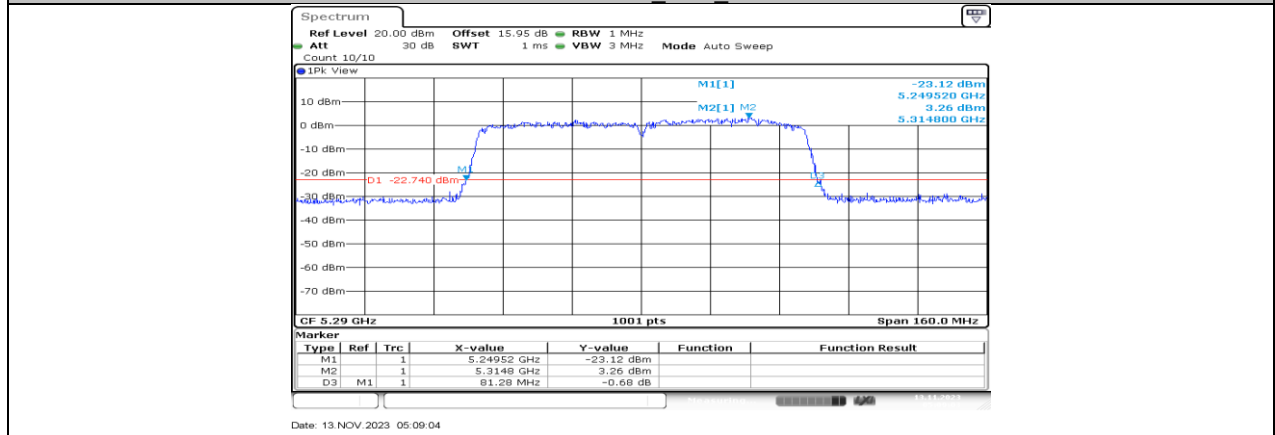




11AC80MIMO_Ant1_5210



11AC80MIMO_Ant0_5290



11AC80MIMO_Ant1_5290

