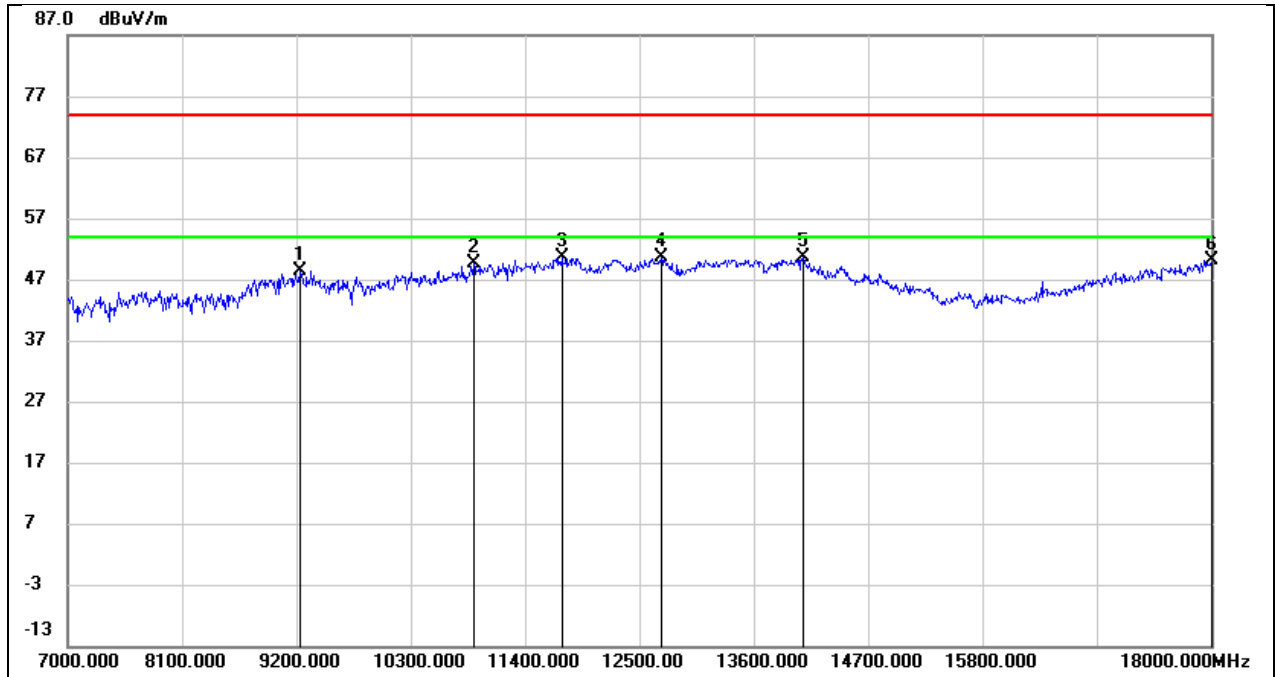
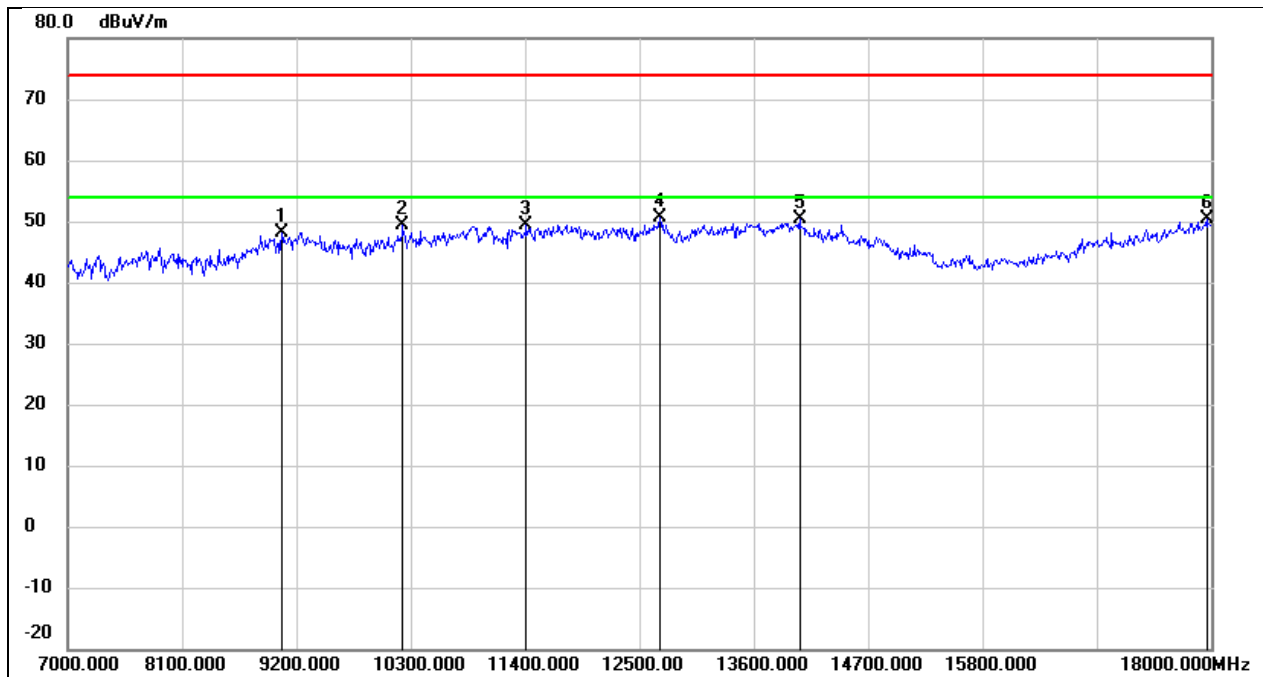


Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Vertical	Test Voltage:	DC 3.3V



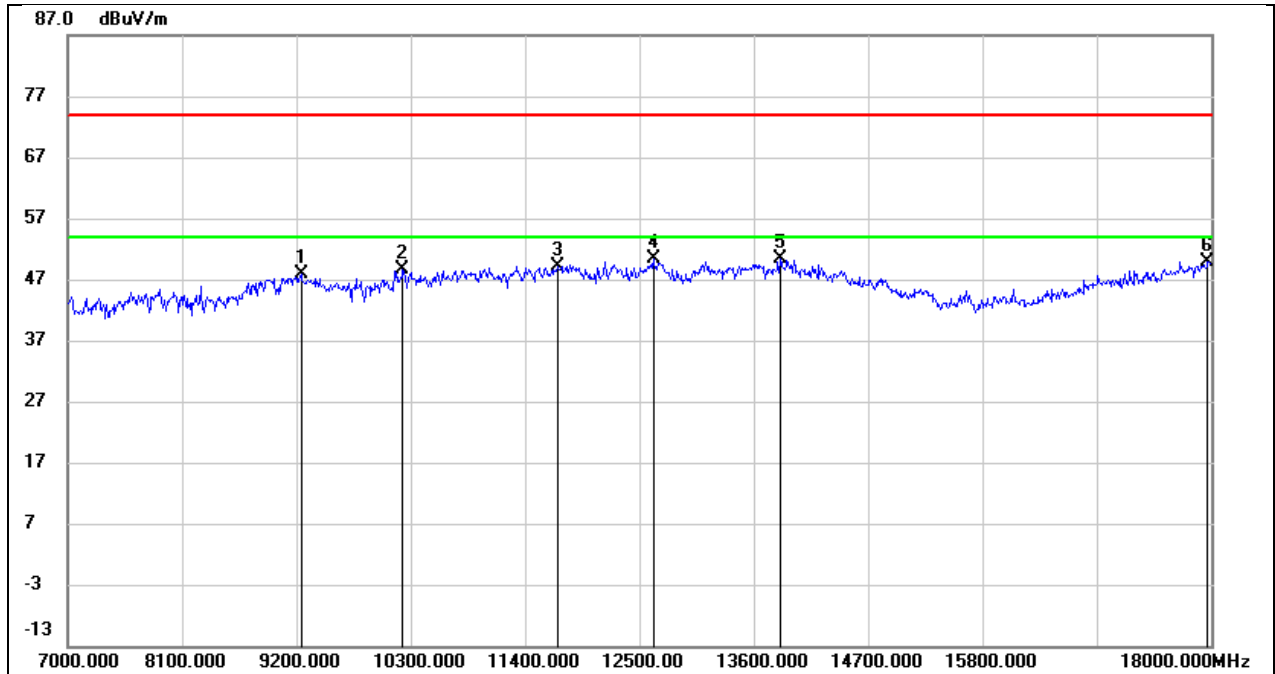
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	37.84	10.48	48.32	74.00	-25.68	peak
2	10905.000	35.33	14.36	49.69	74.00	-24.31	peak
3	11752.000	33.43	17.24	50.67	74.00	-23.33	peak
4	12709.000	32.58	18.09	50.67	74.00	-23.33	peak
5	14073.000	29.06	21.57	50.63	74.00	-23.37	peak
6	18000.000	24.00	26.12	50.12	74.00	-23.88	peak

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



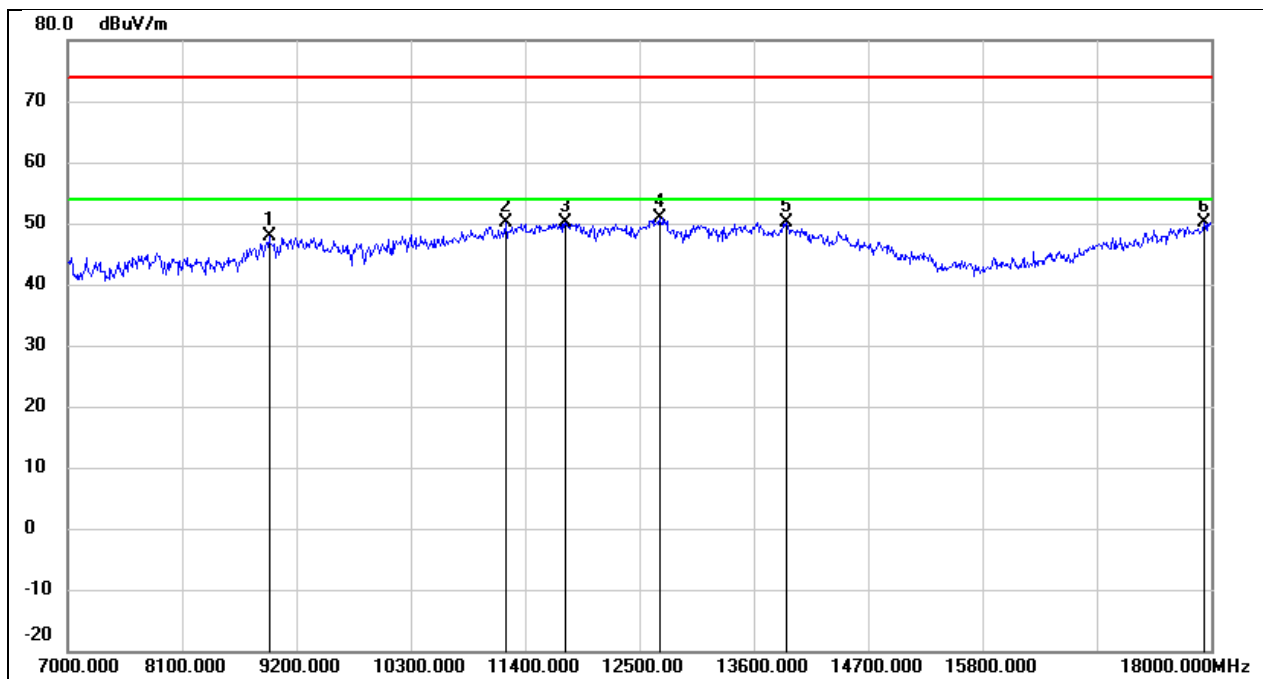
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9057.000	37.66	10.38	48.04	74.00	-25.96	peak
2	10223.000	37.09	12.24	49.33	74.00	-24.67	peak
3	11411.000	33.09	16.41	49.50	74.00	-24.50	peak
4	12698.000	32.61	18.08	50.69	74.00	-23.31	peak
5	14040.000	28.67	21.70	50.37	74.00	-23.63	peak
6	17956.000	24.68	25.82	50.50	74.00	-23.50	peak

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



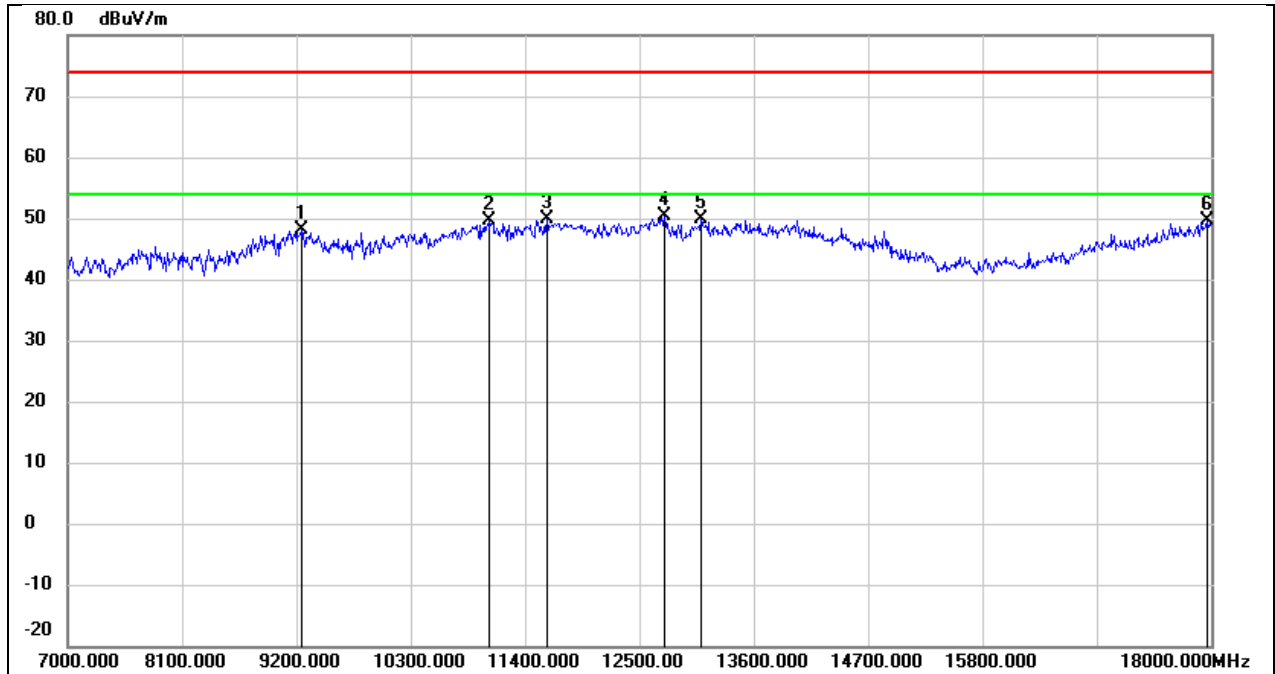
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	37.51	10.49	48.00	74.00	-26.00	peak
2	10223.000	36.46	12.24	48.70	74.00	-25.30	peak
3	11708.000	32.02	17.16	49.18	74.00	-24.82	peak
4	12632.000	32.42	17.99	50.41	74.00	-23.59	peak
5	13853.000	28.98	21.52	50.50	74.00	-23.50	peak
6	17967.000	24.11	25.89	50.00	74.00	-24.00	peak

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



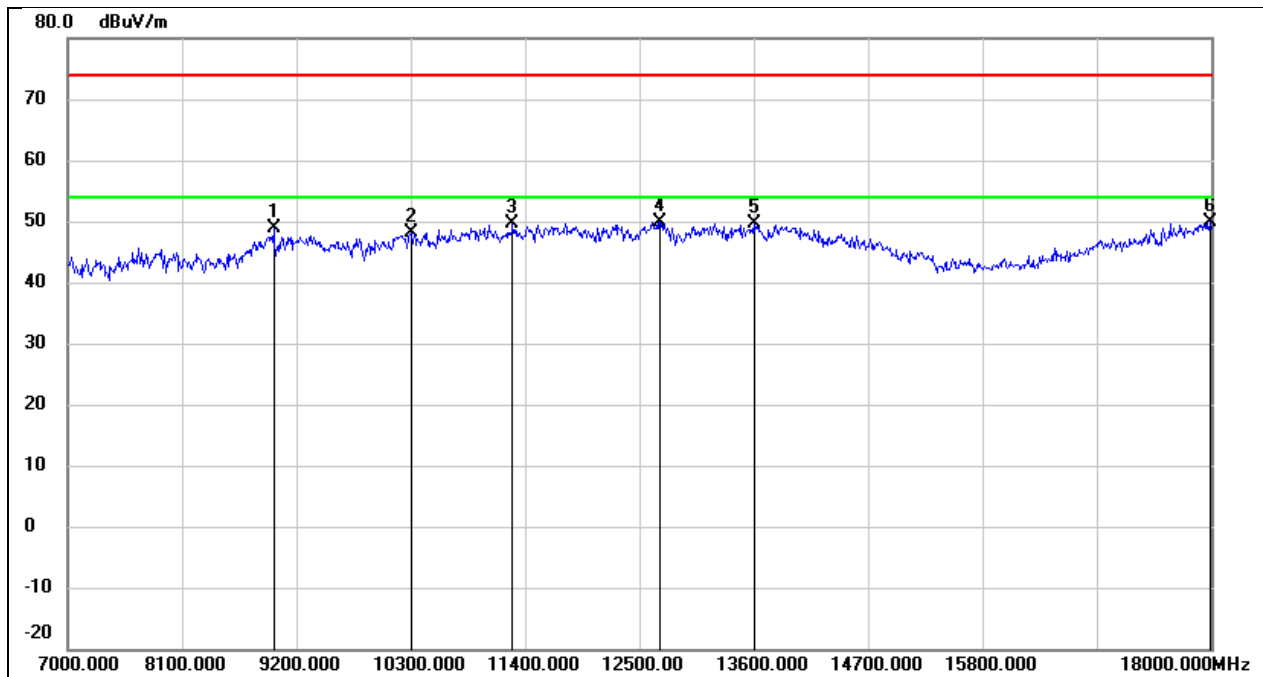
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	37.88	9.90	47.78	74.00	-26.22	peak
2	11213.000	34.55	15.59	50.14	74.00	-23.86	peak
3	11785.000	32.75	17.30	50.05	74.00	-23.95	peak
4	12698.000	32.83	18.08	50.91	74.00	-23.09	peak
5	13908.000	28.51	21.66	50.17	74.00	-23.83	peak
6	17934.000	24.45	25.67	50.12	74.00	-23.88	peak

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



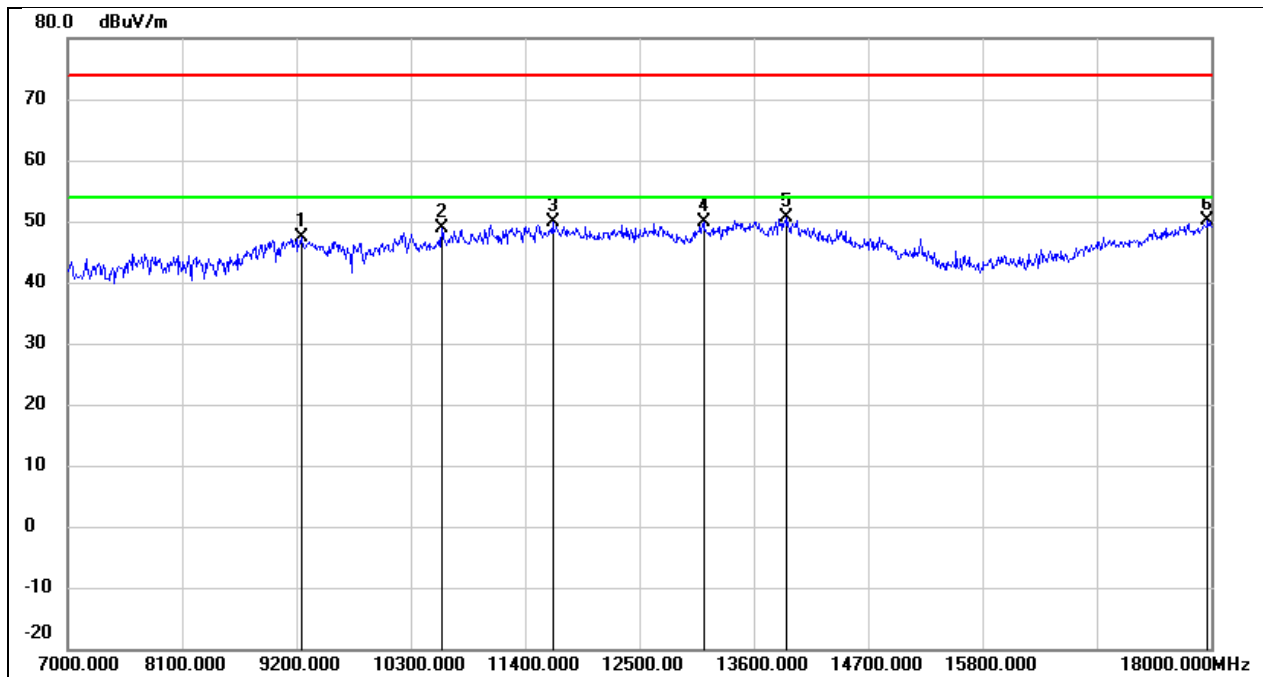
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	37.67	10.49	48.16	74.00	-25.84	peak
2	11059.000	34.62	14.96	49.58	74.00	-24.42	peak
3	11609.000	32.79	16.98	49.77	74.00	-24.23	peak
4	12742.000	32.18	18.13	50.31	74.00	-23.69	peak
5	13094.000	31.09	18.87	49.96	74.00	-24.04	peak
6	17956.000	23.76	25.82	49.58	74.00	-24.42	peak

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



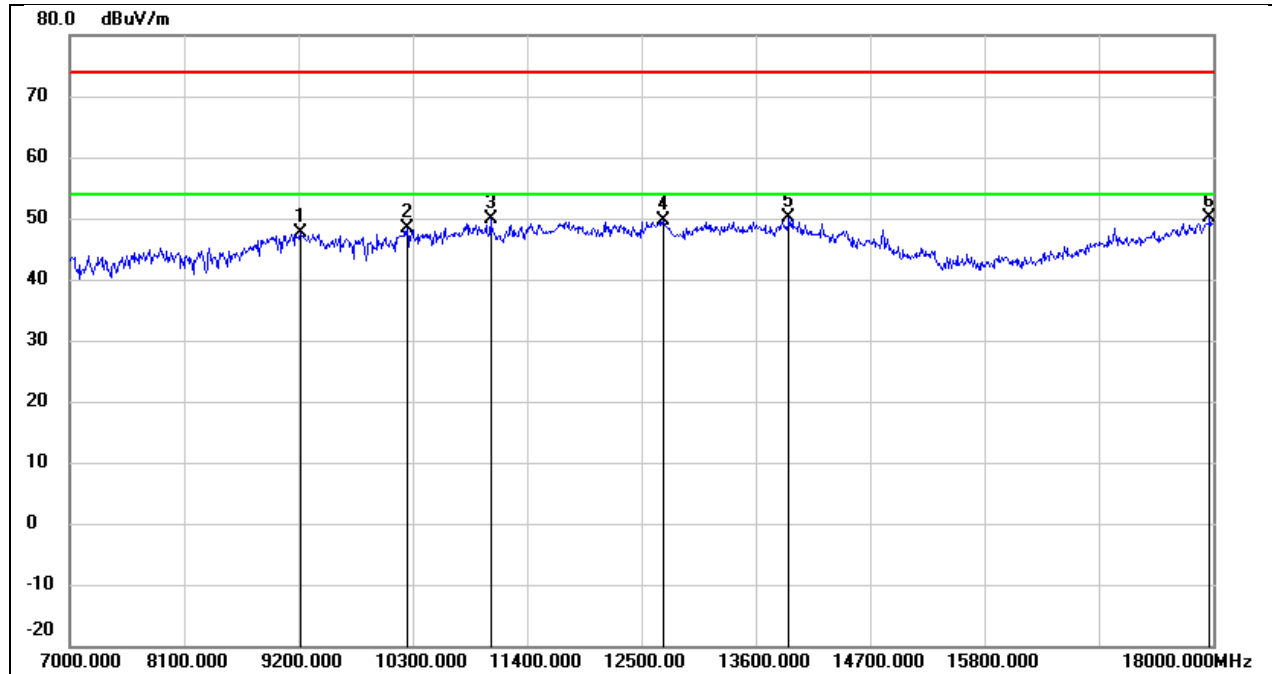
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	38.61	10.21	48.82	74.00	-25.18	peak
2	10300.000	35.65	12.40	48.05	74.00	-25.95	peak
3	11279.000	33.74	15.86	49.60	74.00	-24.40	peak
4	12698.000	31.79	18.08	49.87	74.00	-24.13	peak
5	13600.000	28.79	20.89	49.68	74.00	-24.32	peak
6	17989.000	23.77	26.04	49.81	74.00	-24.19	peak

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



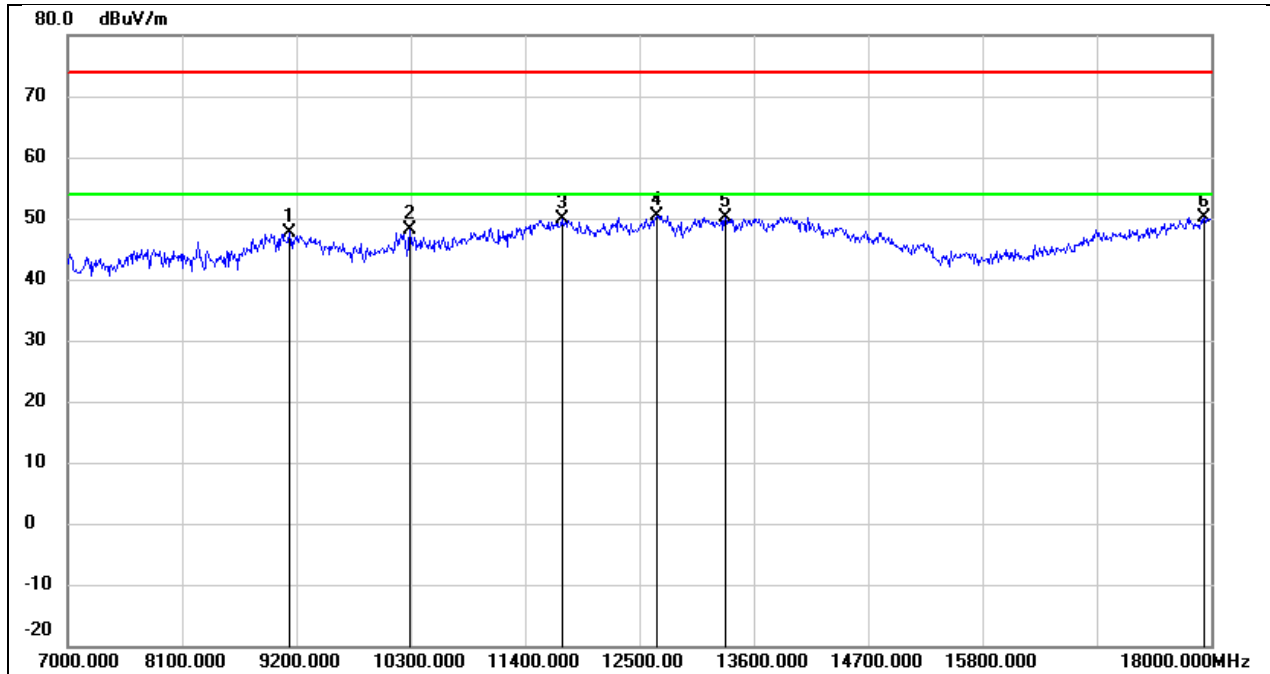
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	36.95	10.49	47.44	74.00	-26.56	peak
2	10597.000	35.66	13.19	48.85	74.00	-25.15	peak
3	11664.000	32.84	17.08	49.92	74.00	-24.08	peak
4	13116.000	30.86	18.96	49.82	74.00	-24.18	peak
5	13919.000	28.95	21.68	50.63	74.00	-23.37	peak
6	17967.000	24.19	25.89	50.08	74.00	-23.92	peak

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



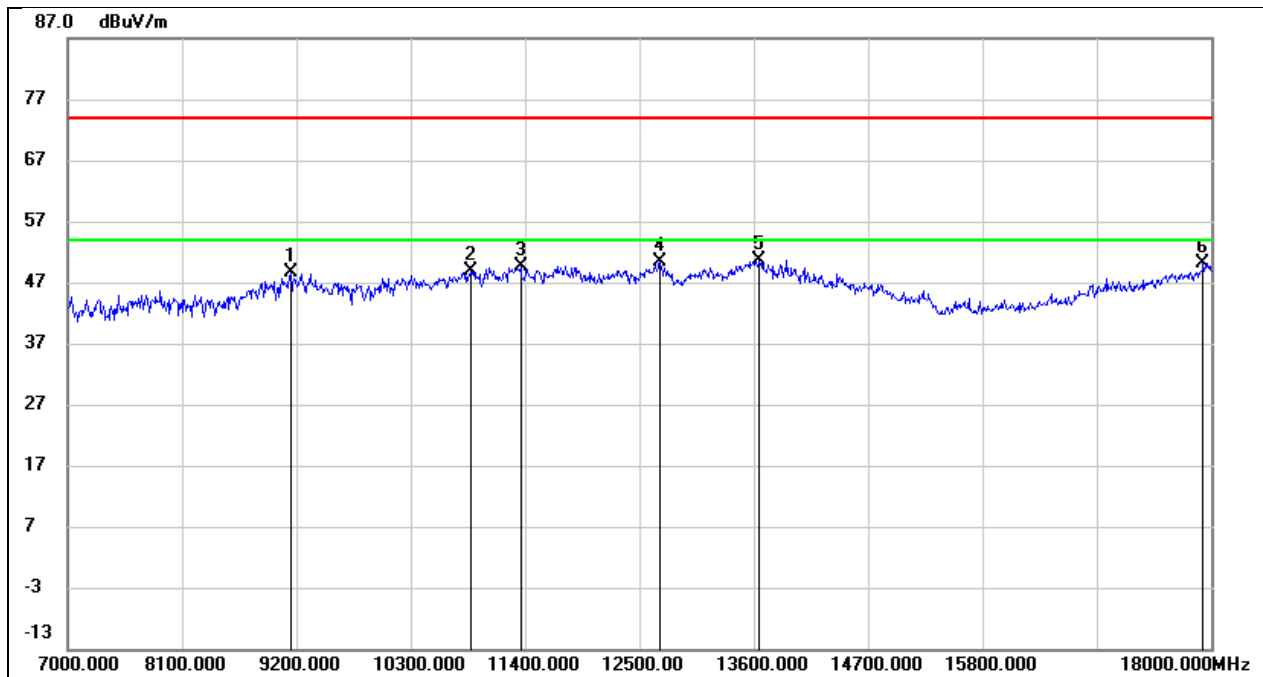
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9222.000	37.16	10.48	47.64	74.00	-26.36	peak
2	10245.000	36.12	12.28	48.40	74.00	-25.60	peak
3	11048.000	34.85	14.91	49.76	74.00	-24.24	peak
4	12709.000	31.54	18.09	49.63	74.00	-24.37	peak
5	13919.000	28.42	21.68	50.10	74.00	-23.90	peak
6	17967.000	24.26	25.89	50.15	74.00	-23.85	peak

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



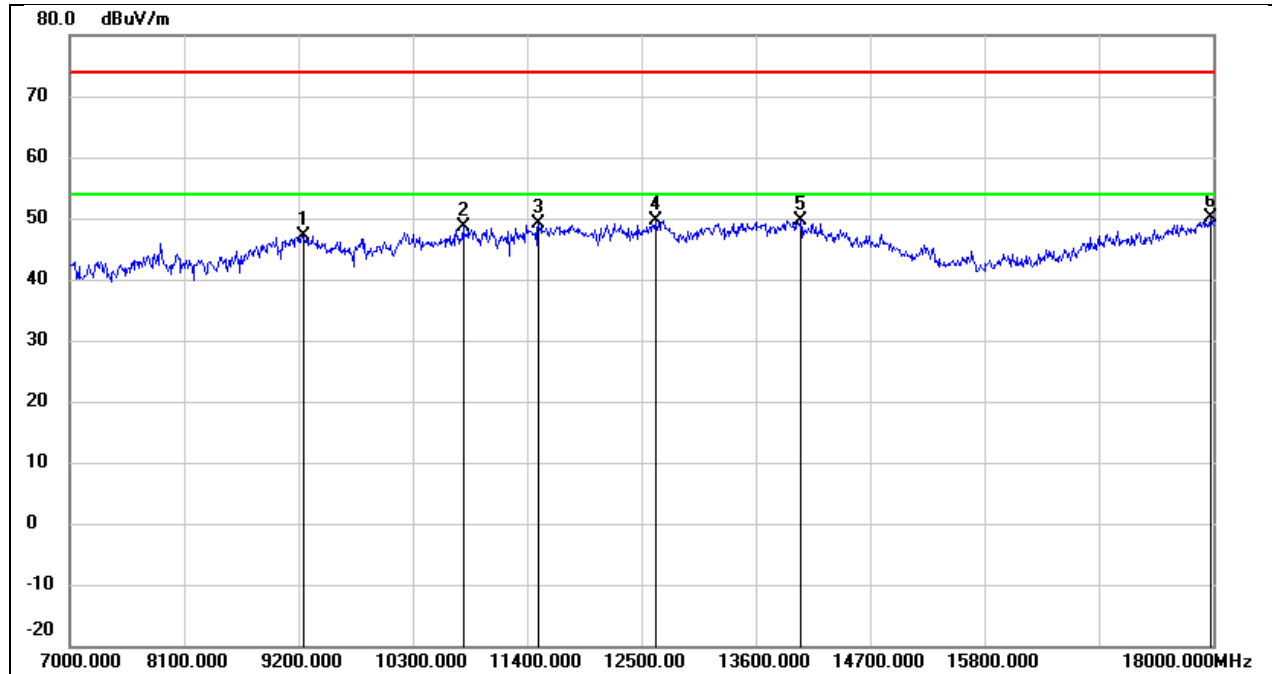
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	37.11	10.41	47.52	74.00	-26.48	peak
2	10289.000	35.64	12.38	48.02	74.00	-25.98	peak
3	11752.000	32.61	17.24	49.85	74.00	-24.15	peak
4	12665.000	32.42	18.04	50.46	74.00	-23.54	peak
5	13325.000	30.37	19.88	50.25	74.00	-23.75	peak
6	17934.000	24.52	25.67	50.19	74.00	-23.81	peak

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



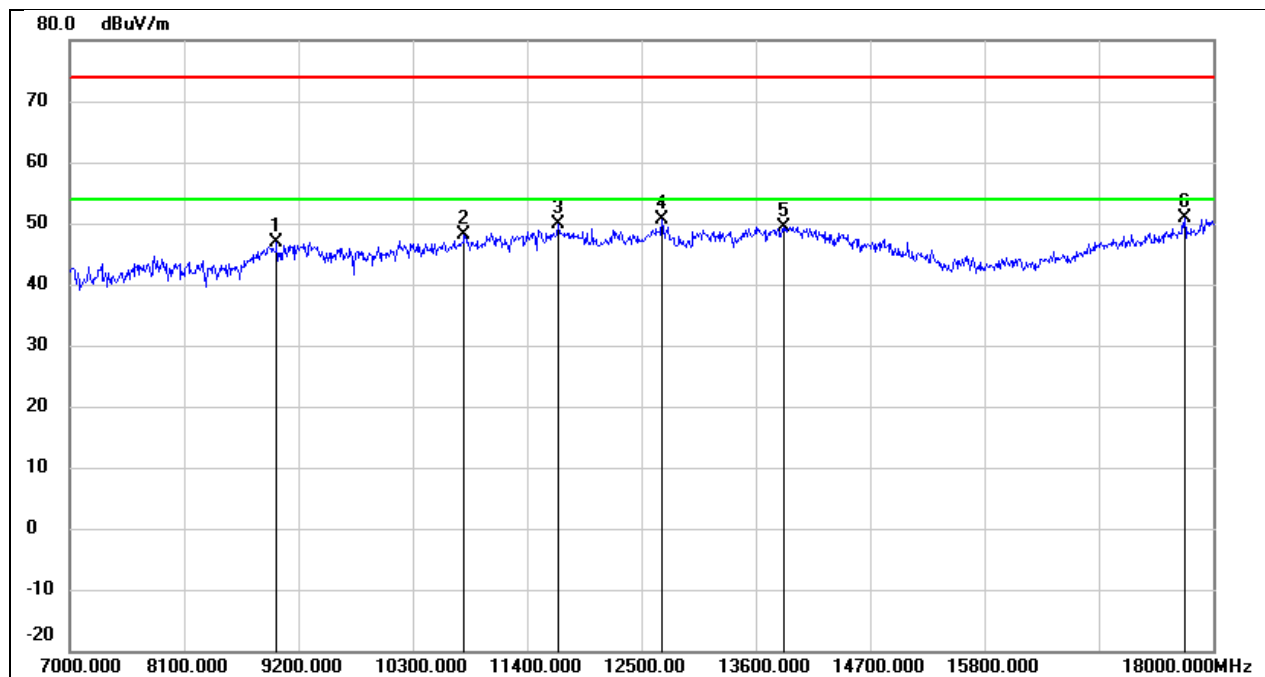
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9145.000	38.08	10.43	48.51	74.00	-25.49	peak
2	10883.000	34.65	14.27	48.92	74.00	-25.08	peak
3	11356.000	33.32	16.19	49.51	74.00	-24.49	peak
4	12698.000	32.31	18.08	50.39	74.00	-23.61	peak
5	13655.000	29.72	21.03	50.75	74.00	-23.25	peak
6	17923.000	24.51	25.60	50.11	74.00	-23.89	peak

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



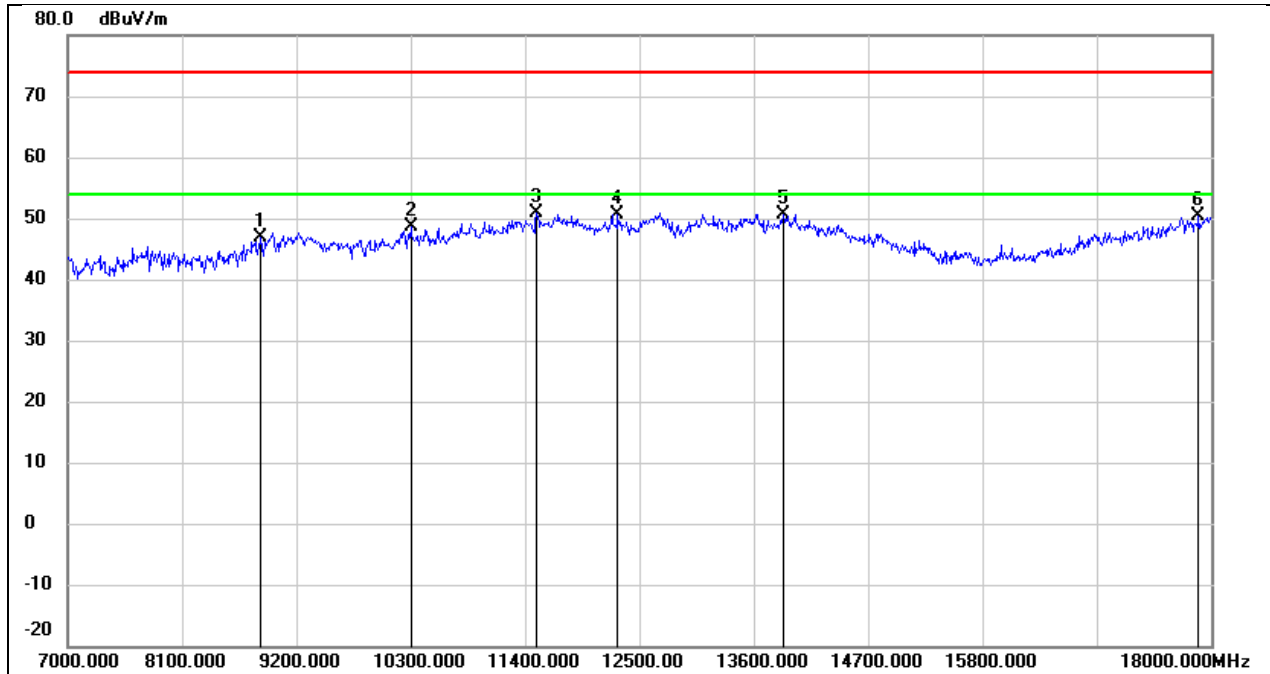
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	36.70	10.49	47.19	74.00	-26.81	peak
2	10784.000	34.81	13.91	48.72	74.00	-25.28	peak
3	11510.000	32.24	16.79	49.03	74.00	-24.97	peak
4	12643.000	31.70	18.01	49.71	74.00	-24.29	peak
5	14029.000	27.96	21.76	49.72	74.00	-24.28	peak
6	17978.000	24.12	25.97	50.09	74.00	-23.91	peak

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



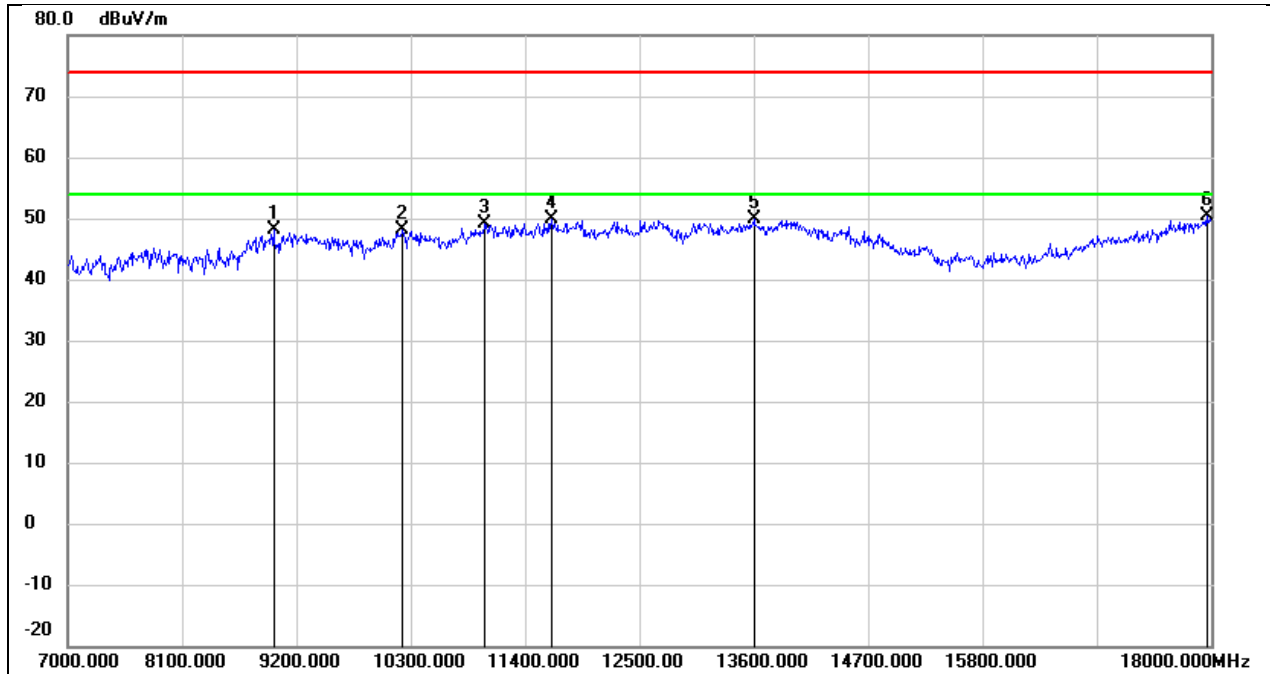
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	36.70	10.28	46.98	74.00	-27.02	peak
2	10795.000	34.10	13.94	48.04	74.00	-25.96	peak
3	11697.000	32.83	17.13	49.96	74.00	-24.04	peak
4	12698.000	32.49	18.08	50.57	74.00	-23.43	peak
5	13864.000	27.96	21.53	49.49	74.00	-24.51	peak
6	17725.000	26.60	24.24	50.84	74.00	-23.16	peak

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



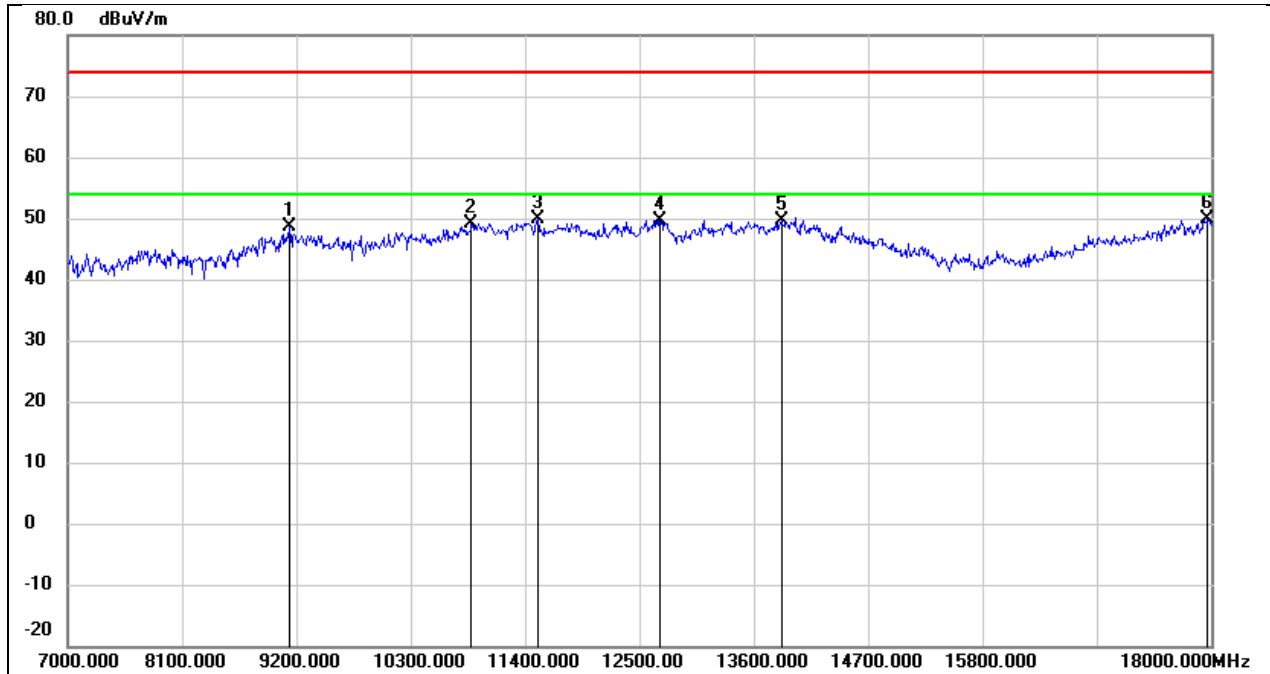
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8859.000	37.55	9.36	46.91	74.00	-27.09	peak
2	10300.000	36.14	12.40	48.54	74.00	-25.46	peak
3	11510.000	33.99	16.79	50.78	74.00	-23.22	peak
4	12291.000	32.96	17.78	50.74	74.00	-23.26	peak
5	13886.000	29.15	21.60	50.75	74.00	-23.25	peak
6	17879.000	25.07	25.29	50.36	74.00	-23.64	peak

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



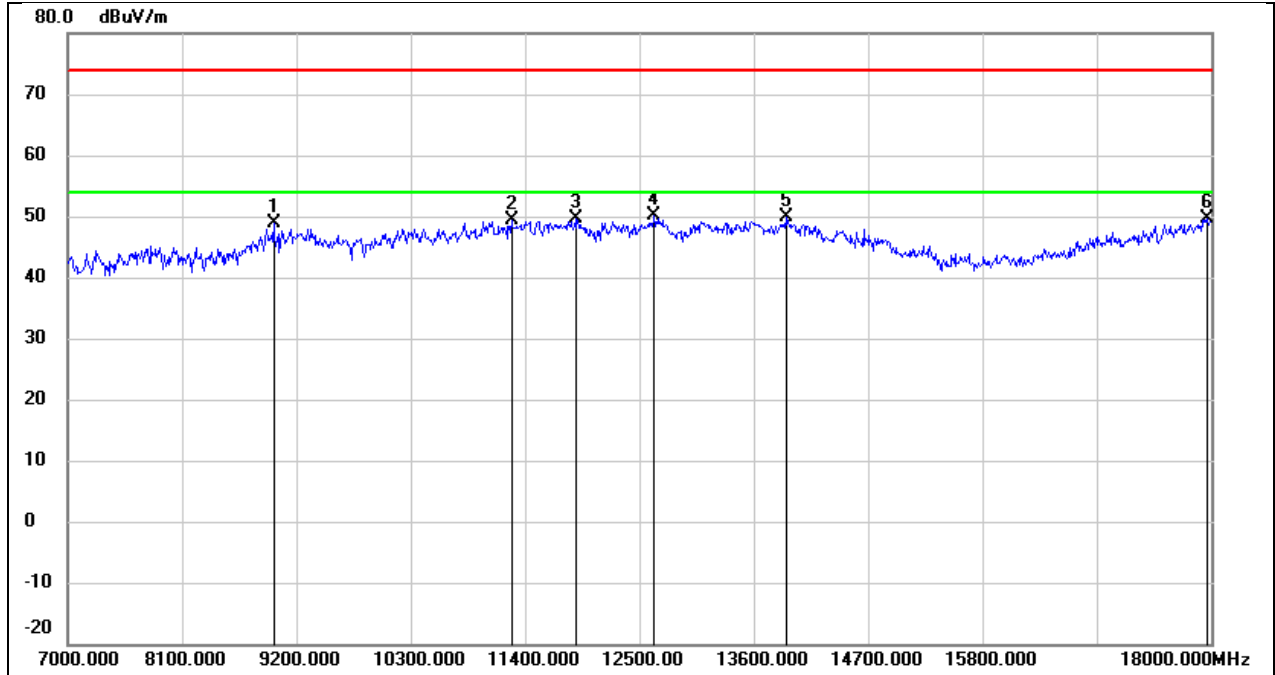
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	37.87	10.21	48.08	74.00	-25.92	peak
2	10223.000	35.82	12.24	48.06	74.00	-25.94	peak
3	11015.000	34.37	14.79	49.16	74.00	-24.84	peak
4	11653.000	32.74	17.05	49.79	74.00	-24.21	peak
5	13600.000	29.00	20.89	49.89	74.00	-24.11	peak
6	17956.000	24.48	25.82	50.30	74.00	-23.70	peak

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



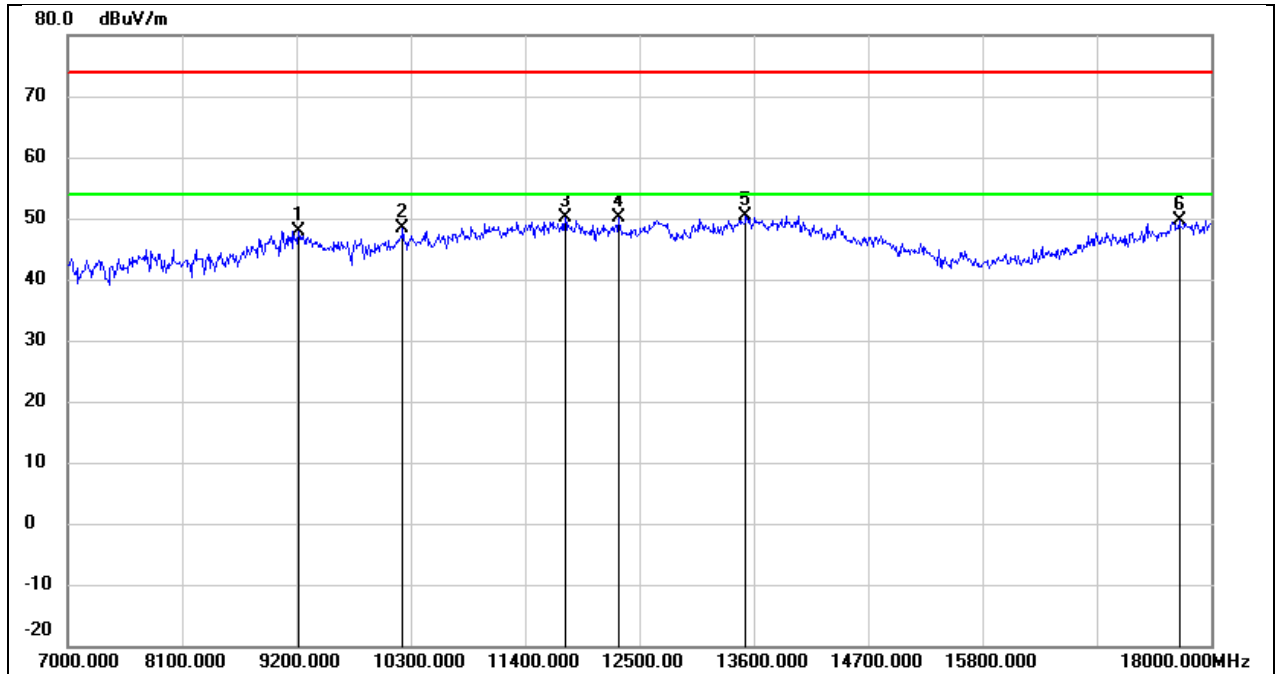
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	38.23	10.41	48.64	74.00	-25.36	peak
2	10883.000	34.96	14.27	49.23	74.00	-24.77	peak
3	11521.000	33.11	16.82	49.93	74.00	-24.07	peak
4	12698.000	31.64	18.08	49.72	74.00	-24.28	peak
5	13864.000	28.04	21.53	49.57	74.00	-24.43	peak
6	17967.000	23.99	25.89	49.88	74.00	-24.12	peak

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



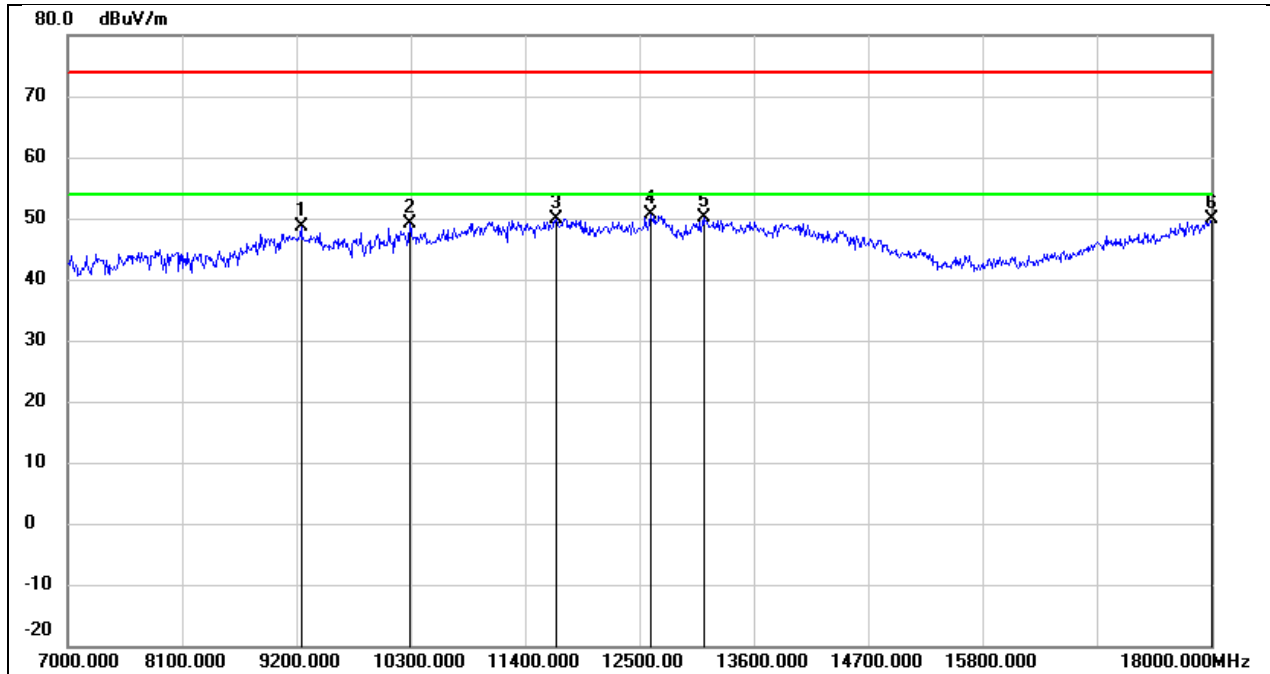
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	38.77	10.21	48.98	74.00	-25.02	peak
2	11268.000	33.49	15.83	49.32	74.00	-24.68	peak
3	11884.000	32.04	17.48	49.52	74.00	-24.48	peak
4	12643.000	32.05	18.01	50.06	74.00	-23.94	peak
5	13908.000	28.13	21.66	49.79	74.00	-24.21	peak
6	17956.000	23.91	25.82	49.73	74.00	-24.27	peak

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



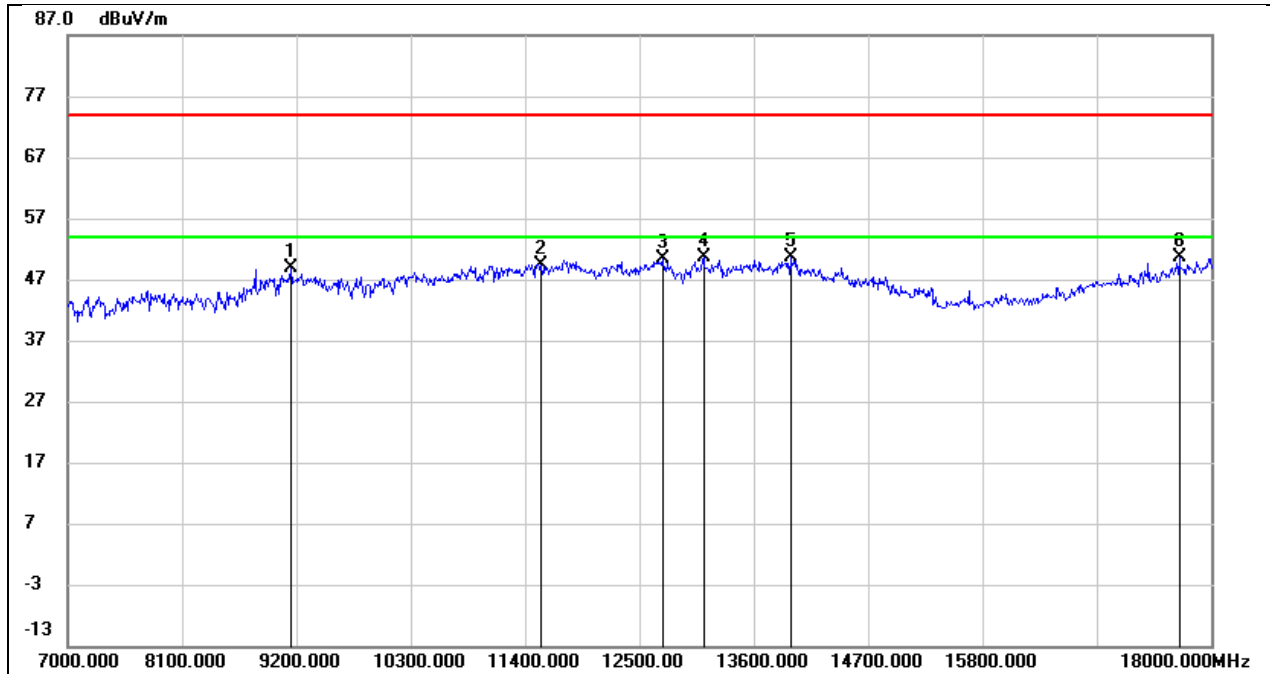
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9222.000	37.52	10.48	48.00	74.00	-26.00	peak
2	10223.000	36.08	12.24	48.32	74.00	-25.68	peak
3	11785.000	32.86	17.30	50.16	74.00	-23.84	peak
4	12302.000	32.25	17.78	50.03	74.00	-23.97	peak
5	13523.000	29.72	20.70	50.42	74.00	-23.58	peak
6	17692.000	25.73	24.01	49.74	74.00	-24.26	peak

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



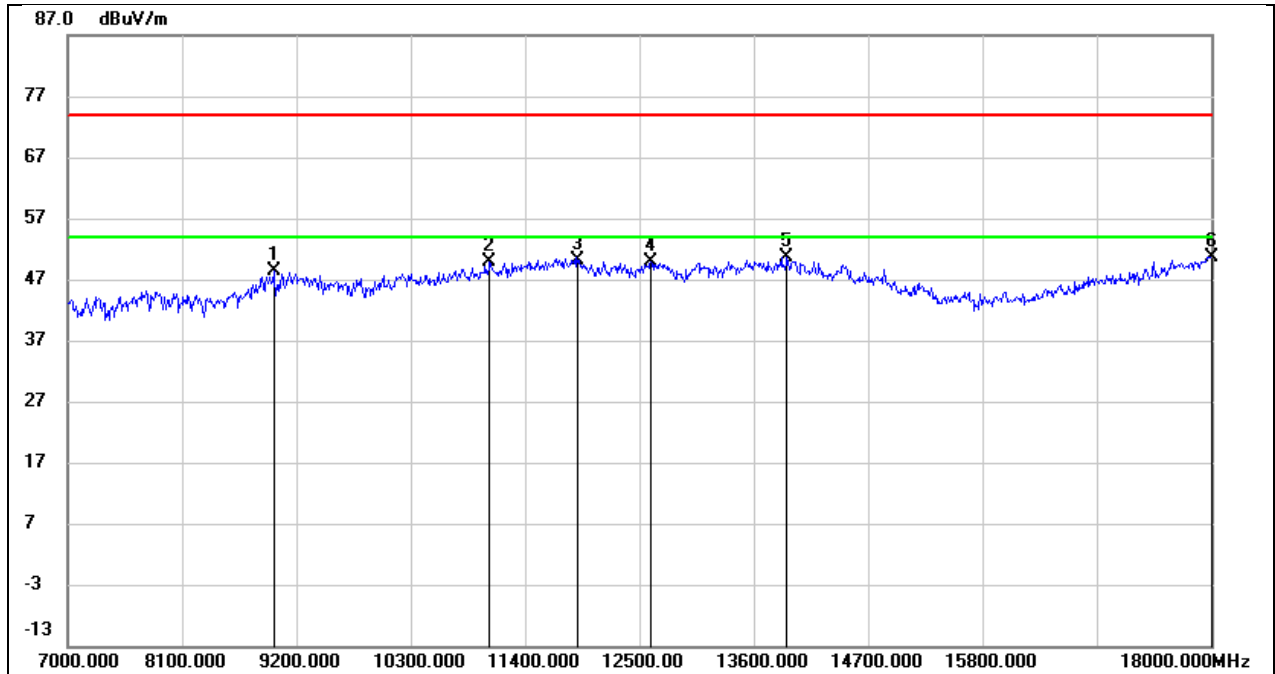
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	38.05	10.49	48.54	74.00	-25.46	peak
2	10289.000	36.75	12.38	49.13	74.00	-24.87	peak
3	11697.000	32.83	17.13	49.96	74.00	-24.04	peak
4	12610.000	32.63	17.97	50.60	74.00	-23.40	peak
5	13116.000	31.19	18.96	50.15	74.00	-23.85	peak
6	18000.000	23.80	26.12	49.92	74.00	-24.08	peak

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



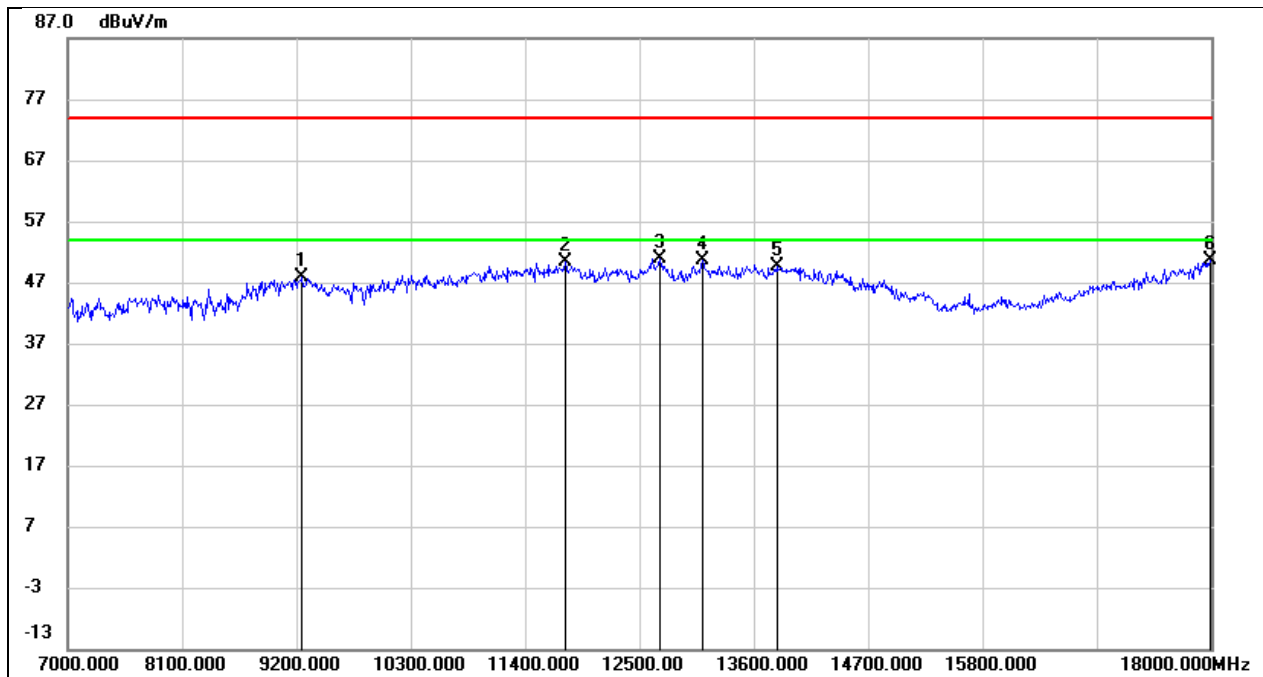
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9145.000	38.36	10.43	48.79	74.00	-25.21	peak
2	11554.000	32.61	16.87	49.48	74.00	-24.52	peak
3	12720.000	32.20	18.09	50.29	74.00	-23.71	peak
4	13116.000	31.67	18.96	50.63	74.00	-23.37	peak
5	13952.000	28.85	21.76	50.61	74.00	-23.39	peak
6	17692.000	26.55	24.01	50.56	74.00	-23.44	peak

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



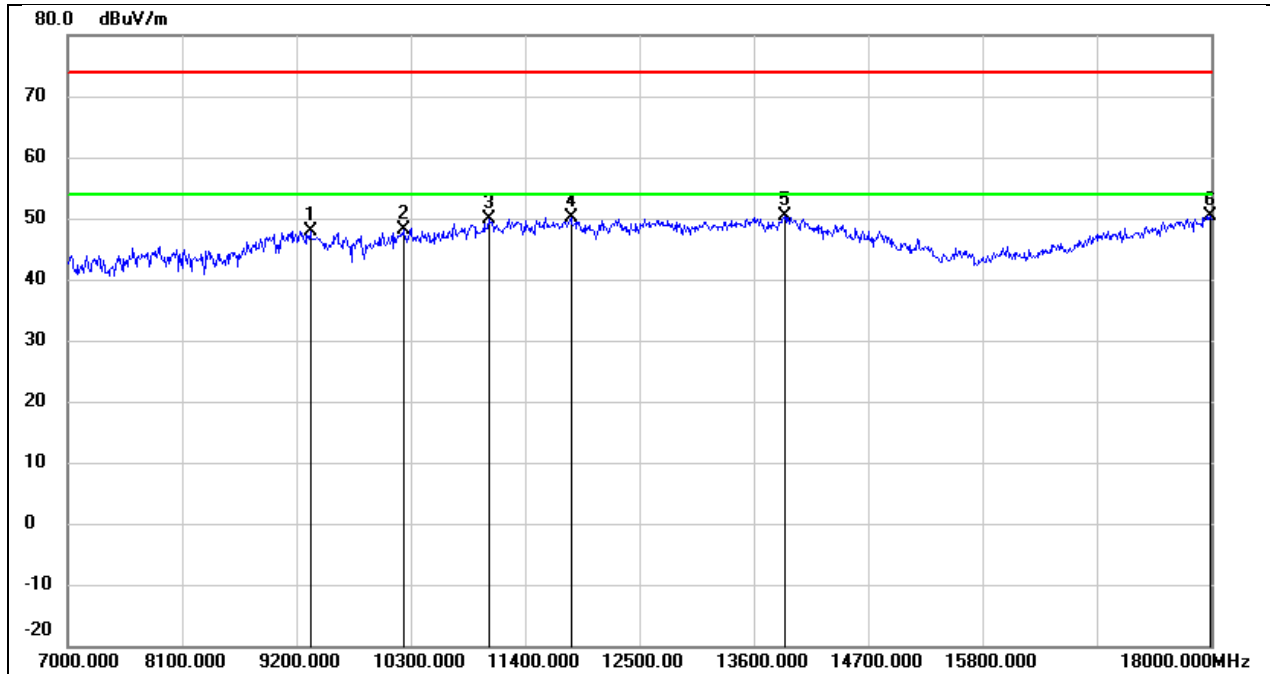
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	38.14	10.21	48.35	74.00	-25.65	peak
2	11059.000	34.80	14.96	49.76	74.00	-24.24	peak
3	11906.000	32.66	17.52	50.18	74.00	-23.82	peak
4	12610.000	31.84	17.97	49.81	74.00	-24.19	peak
5	13919.000	29.00	21.68	50.68	74.00	-23.32	peak
6	18000.000	24.56	26.12	50.68	74.00	-23.32	peak

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



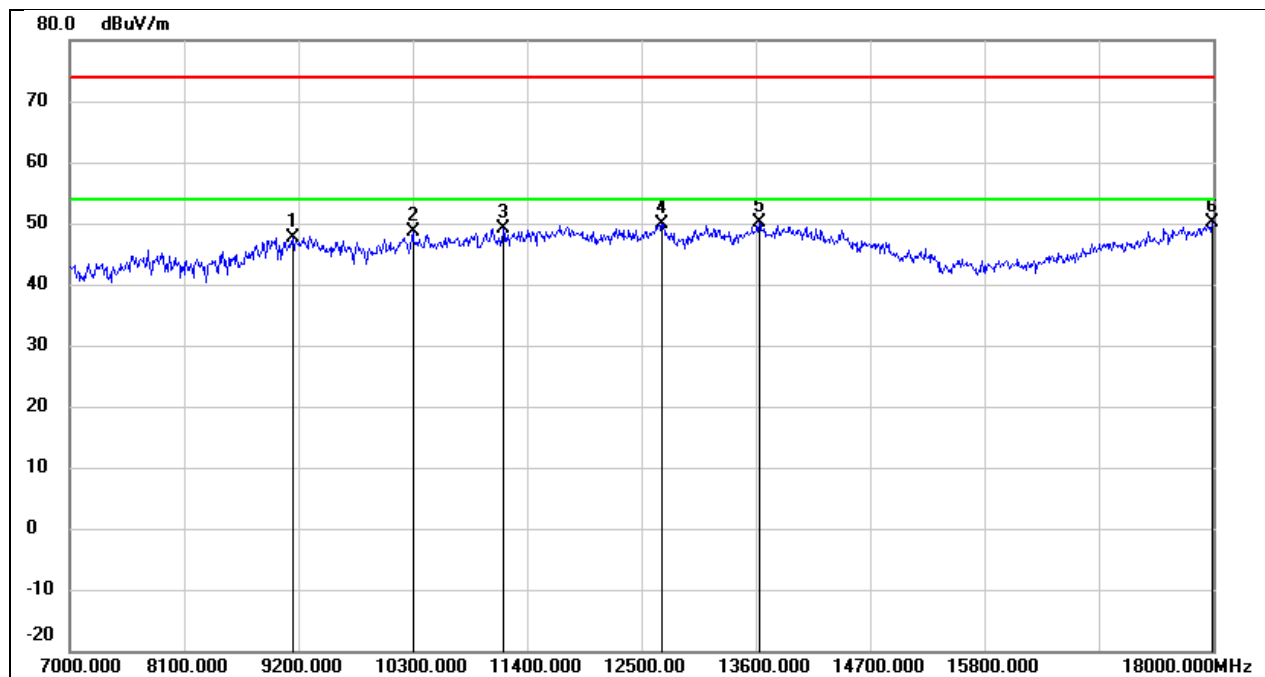
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	37.49	10.51	48.00	74.00	-26.00	peak
2	11785.000	33.14	17.30	50.44	74.00	-23.56	peak
3	12698.000	32.73	18.08	50.81	74.00	-23.19	peak
4	13105.000	31.64	18.91	50.55	74.00	-23.45	peak
5	13820.000	28.22	21.43	49.65	74.00	-24.35	peak
6	17989.000	24.64	26.04	50.68	74.00	-23.32	peak

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



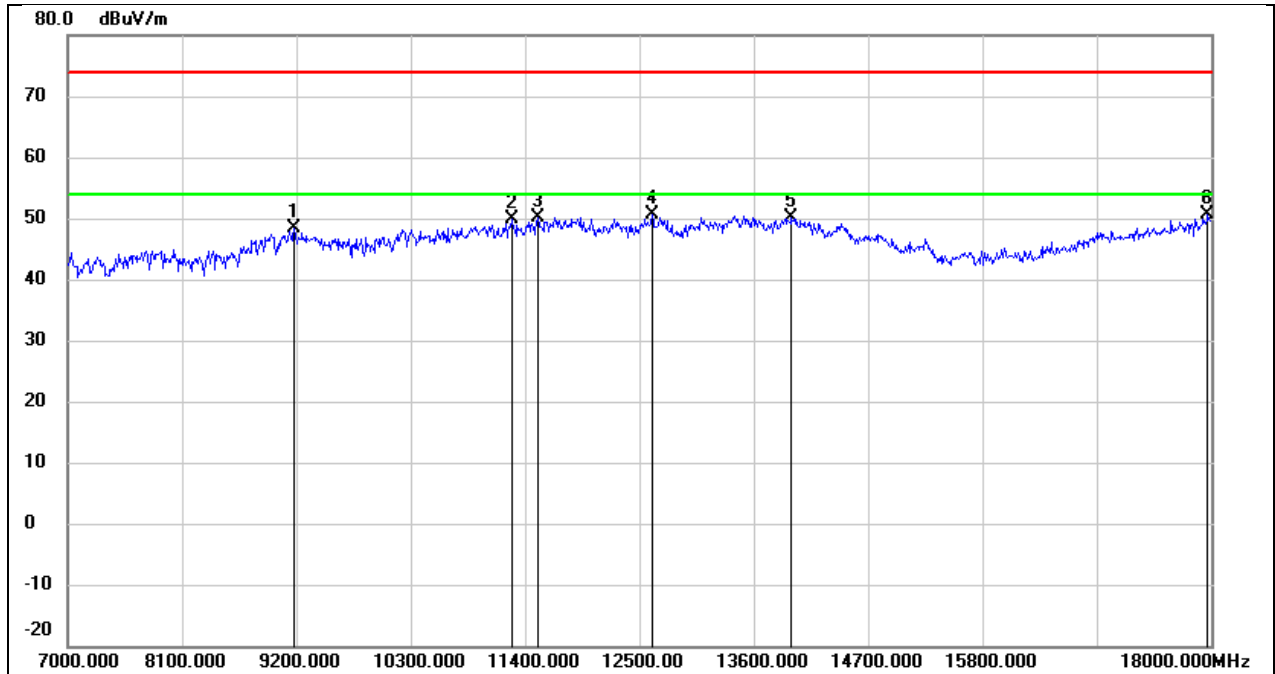
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9332.000	37.39	10.54	47.93	74.00	-26.07	peak
2	10234.000	35.91	12.26	48.17	74.00	-25.83	peak
3	11048.000	34.95	14.91	49.86	74.00	-24.14	peak
4	11840.000	32.76	17.40	50.16	74.00	-23.84	peak
5	13897.000	28.65	21.62	50.27	74.00	-23.73	peak
6	17989.000	24.27	26.04	50.31	74.00	-23.69	peak

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



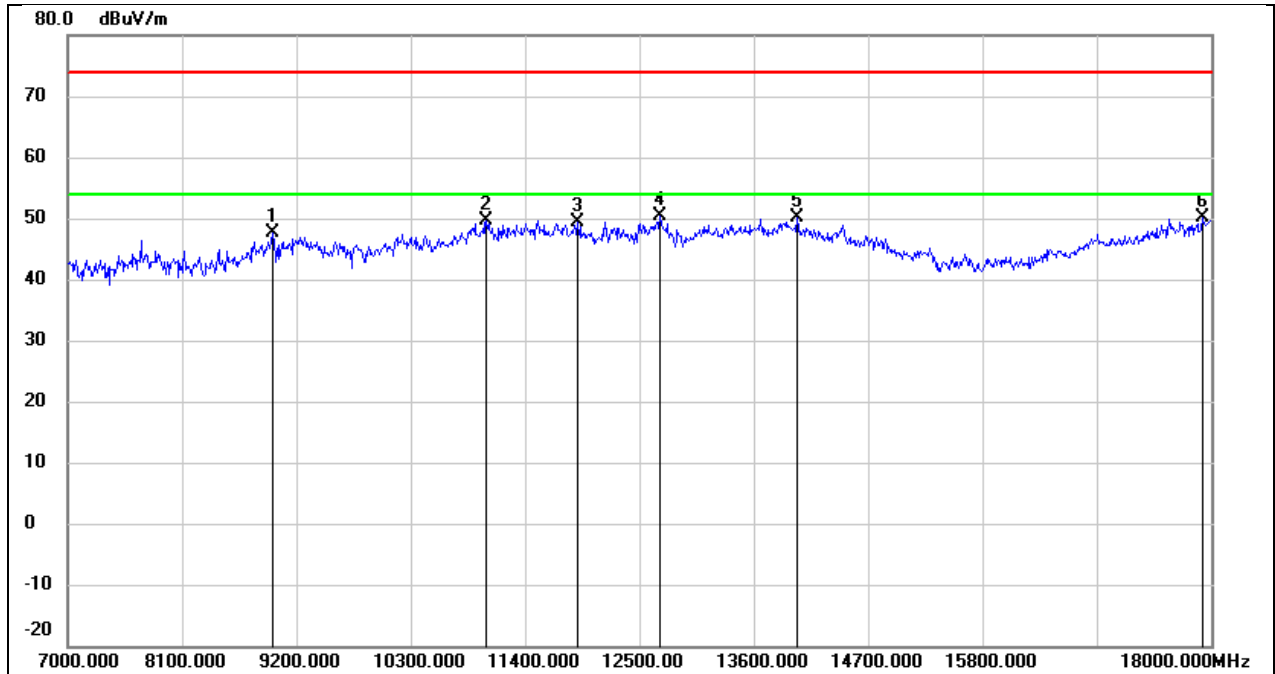
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9145.000	37.23	10.43	47.66	74.00	-26.34	peak
2	10300.000	36.23	12.40	48.63	74.00	-25.37	peak
3	11169.000	33.62	15.42	49.04	74.00	-24.96	peak
4	12698.000	31.86	18.08	49.94	74.00	-24.06	peak
5	13633.000	29.16	20.97	50.13	74.00	-23.87	peak
6	17989.000	24.09	26.04	50.13	74.00	-23.87	peak

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



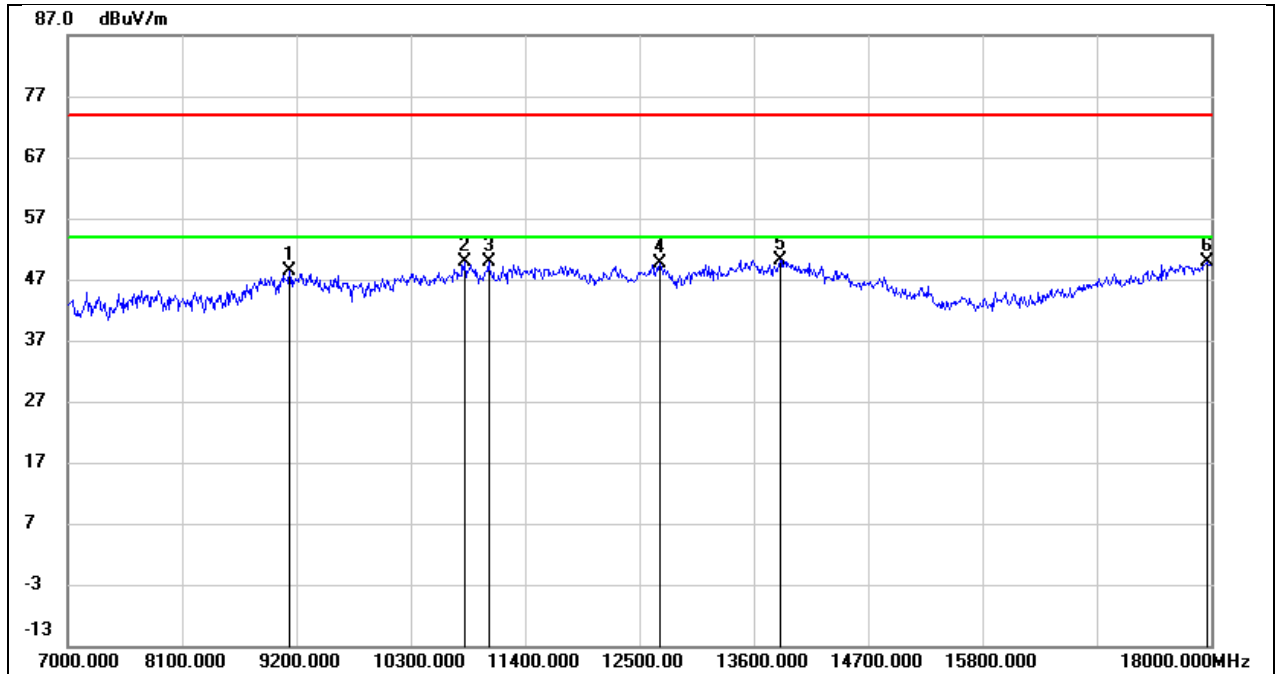
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9178.000	37.93	10.45	48.38	74.00	-25.62	peak
2	11268.000	34.17	15.83	50.00	74.00	-24.00	peak
3	11521.000	33.35	16.82	50.17	74.00	-23.83	peak
4	12621.000	32.61	17.98	50.59	74.00	-23.41	peak
5	13963.000	28.35	21.78	50.13	74.00	-23.87	peak
6	17967.000	24.82	25.89	50.71	74.00	-23.29	peak

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



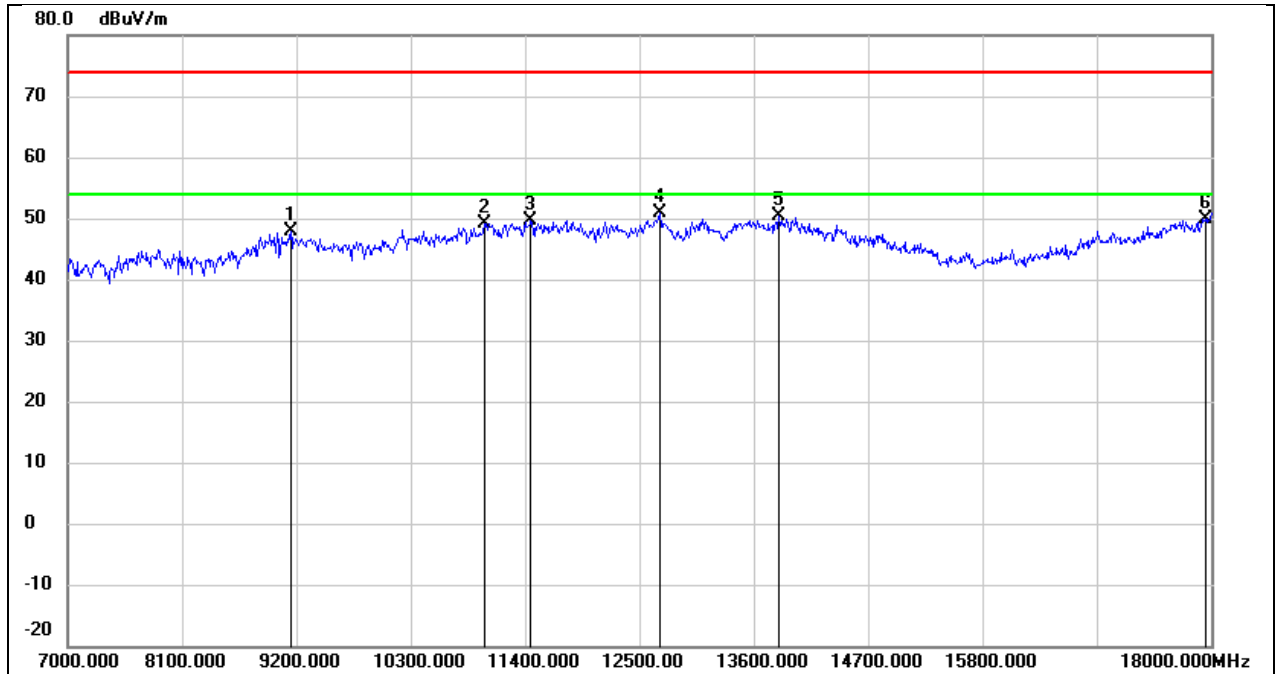
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8969.000	37.38	10.13	47.51	74.00	-26.49	peak
2	11026.000	34.89	14.82	49.71	74.00	-24.29	peak
3	11906.000	31.97	17.52	49.49	74.00	-24.51	peak
4	12698.000	32.25	18.08	50.33	74.00	-23.67	peak
5	14018.000	28.33	21.80	50.13	74.00	-23.87	peak
6	17912.000	24.67	25.52	50.19	74.00	-23.81	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	9134.000	37.93	10.41	48.34	74.00	-25.66	peak
2	10817.000	35.90	14.03	49.93	74.00	-24.07	peak
3	11048.000	34.87	14.91	49.78	74.00	-24.22	peak
4	12698.000	31.59	18.08	49.67	74.00	-24.33	peak
5	13853.000	28.65	21.52	50.17	74.00	-23.83	peak
6	17967.000	24.06	25.89	49.95	74.00	-24.05	peak

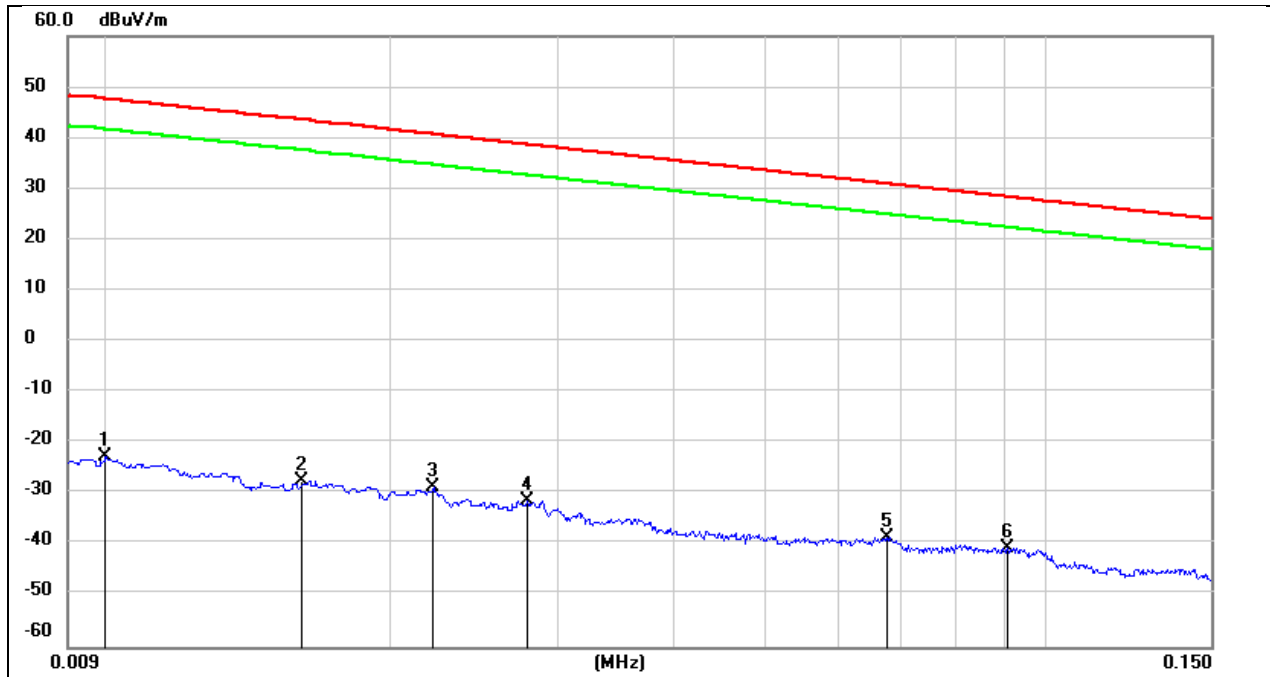
Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9145.000	37.37	10.43	47.80	74.00	-26.20	peak
2	11004.000	34.51	14.74	49.25	74.00	-24.75	peak
3	11455.000	33.02	16.58	49.60	74.00	-24.40	peak
4	12698.000	32.76	18.08	50.84	74.00	-23.16	peak
5	13842.000	28.87	21.49	50.36	74.00	-23.64	peak
6	17945.000	24.24	25.75	49.99	74.00	-24.01	peak

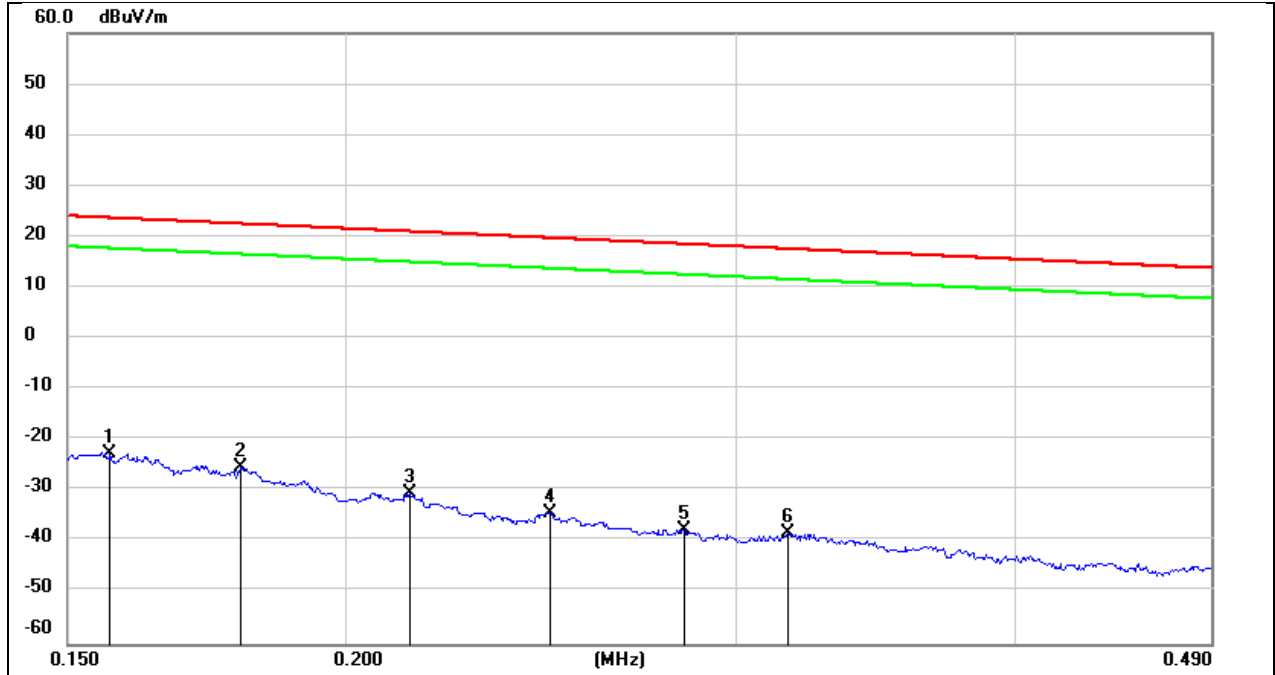
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

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



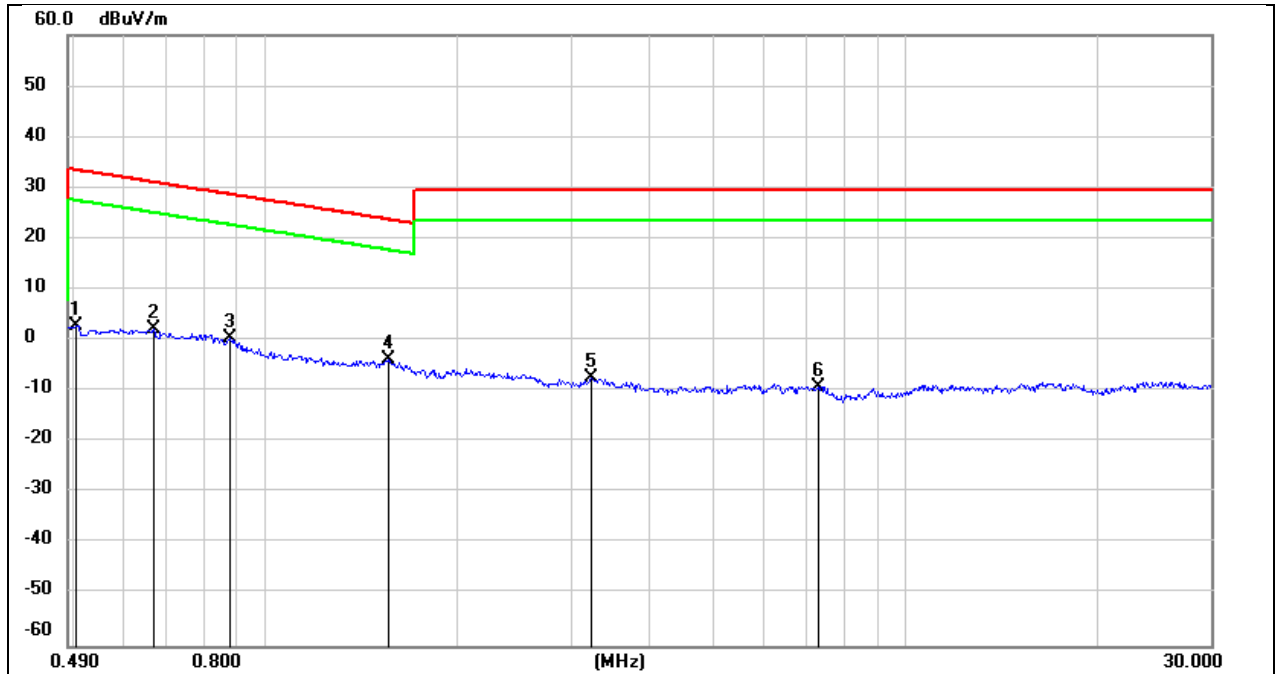
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.0100	78.72	-101.40	-22.68	47.60	-74.18	-3.90	-70.28	peak
2	0.0160	73.97	-101.37	-27.40	43.52	-78.90	-7.98	-70.92	peak
3	0.0221	72.63	-101.35	-28.72	40.71	-80.22	-10.79	-69.43	peak
4	0.0279	70.17	-101.38	-31.21	38.69	-82.71	-12.81	-69.90	peak
5	0.0675	63.14	-101.56	-38.42	31.02	-89.92	-20.48	-69.44	peak
6	0.0911	61.11	-101.72	-40.61	28.41	-92.11	-23.09	-69.02	peak

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



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	0.1567	78.95	-101.65	-22.70	23.70	-74.20	-27.80	-46.40	peak
2	0.1794	76.27	-101.68	-25.41	22.53	-76.91	-28.97	-47.94	peak
3	0.2139	71.18	-101.74	-30.56	21.00	-82.06	-30.50	-51.56	peak
4	0.2472	67.45	-101.80	-34.35	19.74	-85.85	-31.76	-54.09	peak
5	0.2837	64.22	-101.83	-37.61	18.54	-89.11	-32.96	-56.15	peak
6	0.3163	63.70	-101.87	-38.17	17.60	-89.67	-33.90	-55.77	peak

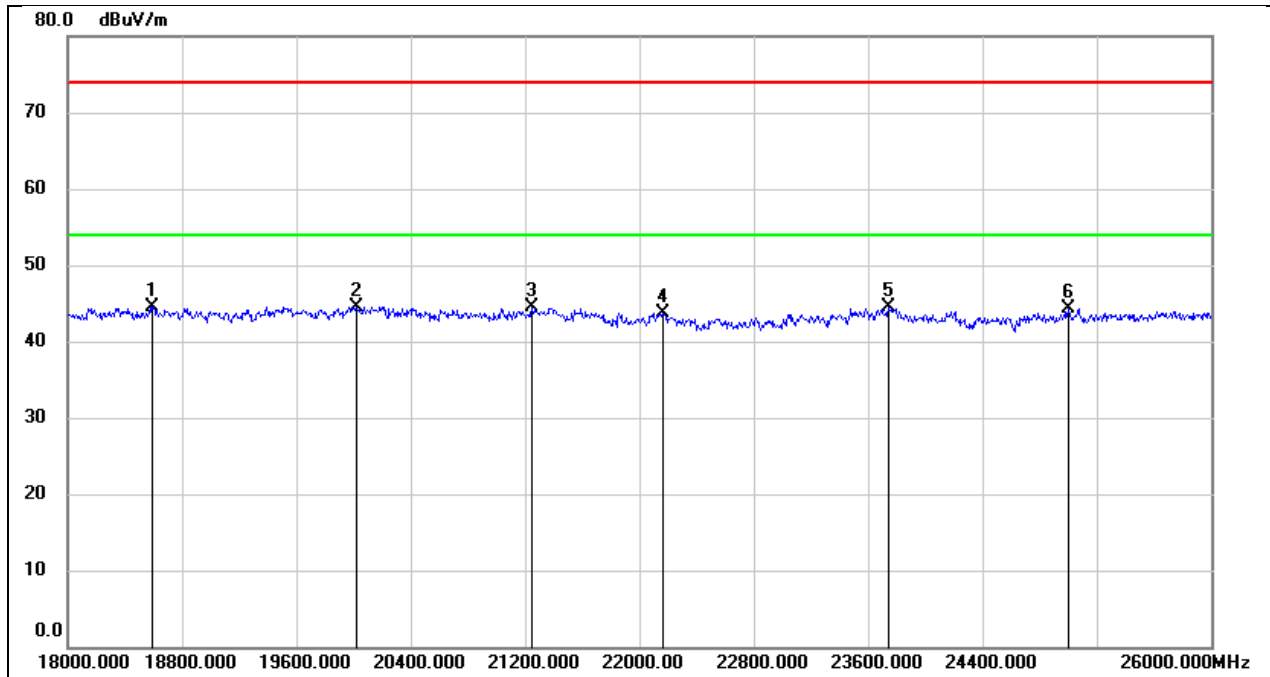
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



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	0.5039	64.93	-62.07	2.86	33.56	-48.64	-17.94	-30.70	peak
2	0.6671	64.25	-62.10	2.15	31.12	-49.35	-20.38	-28.97	peak
3	0.8789	62.56	-62.19	0.37	28.73	-51.13	-22.77	-28.36	peak
4	1.5564	58.18	-62.02	-3.84	23.76	-55.34	-27.74	-27.60	peak
5	3.2343	54.29	-61.53	-7.24	29.54	-58.74	-21.96	-36.78	peak
6	7.3361	52.08	-61.17	-9.09	29.54	-60.59	-21.96	-38.63	peak

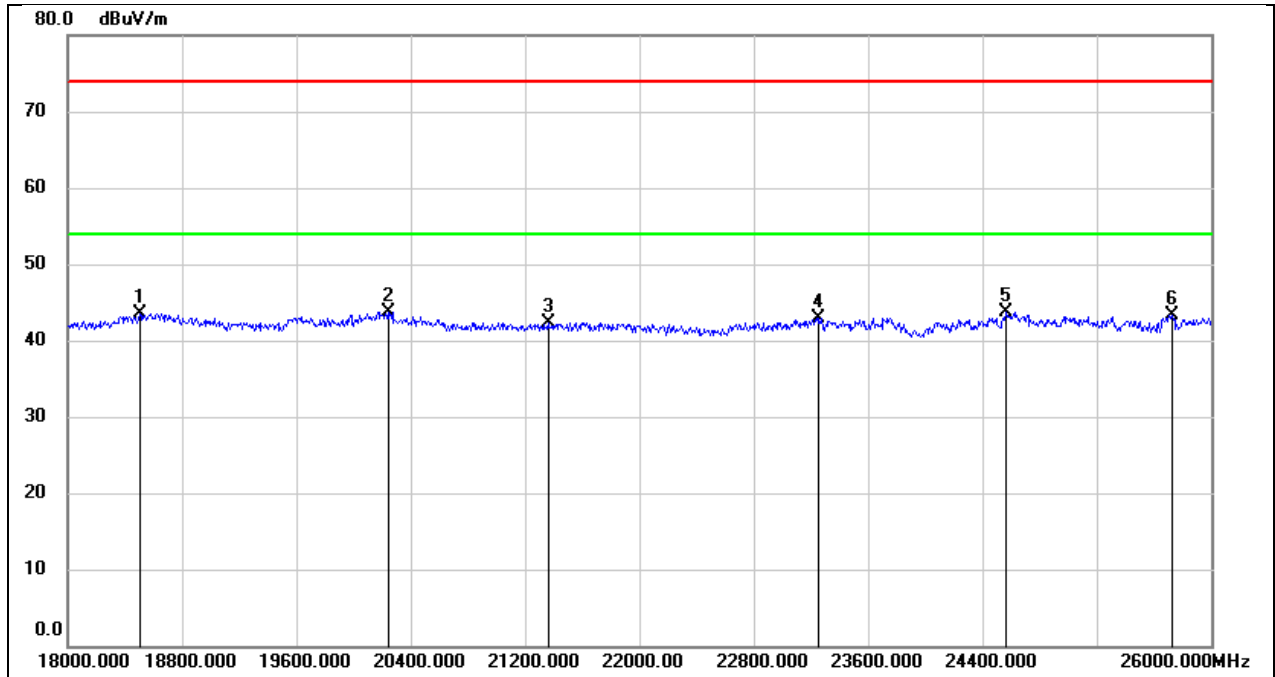
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

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	18592.000	49.75	-5.31	44.44	74.00	-29.56	peak
2	20016.000	50.06	-5.47	44.59	74.00	-29.41	peak
3	21248.000	49.29	-4.77	44.52	74.00	-29.48	peak
4	22160.000	48.08	-4.31	43.77	74.00	-30.23	peak
5	23744.000	47.65	-3.20	44.45	74.00	-29.55	peak
6	25000.000	46.36	-2.10	44.26	74.00	-29.74	peak

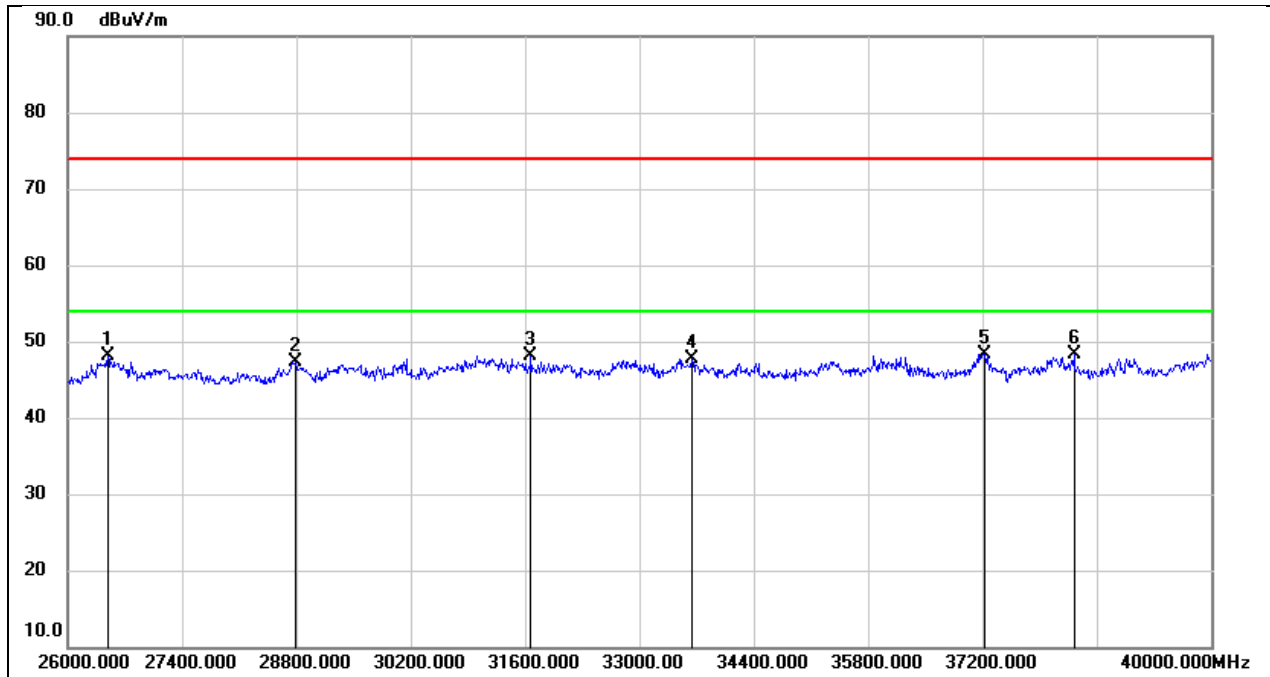
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18504.000	48.77	-5.25	43.52	74.00	-30.48	peak
2	20240.000	49.32	-5.61	43.71	74.00	-30.29	peak
3	21360.000	47.02	-4.73	42.29	74.00	-31.71	peak
4	23256.000	46.30	-3.35	42.95	74.00	-31.05	peak
5	24568.000	46.10	-2.33	43.77	74.00	-30.23	peak
6	25728.000	44.11	-0.72	43.39	74.00	-30.61	peak

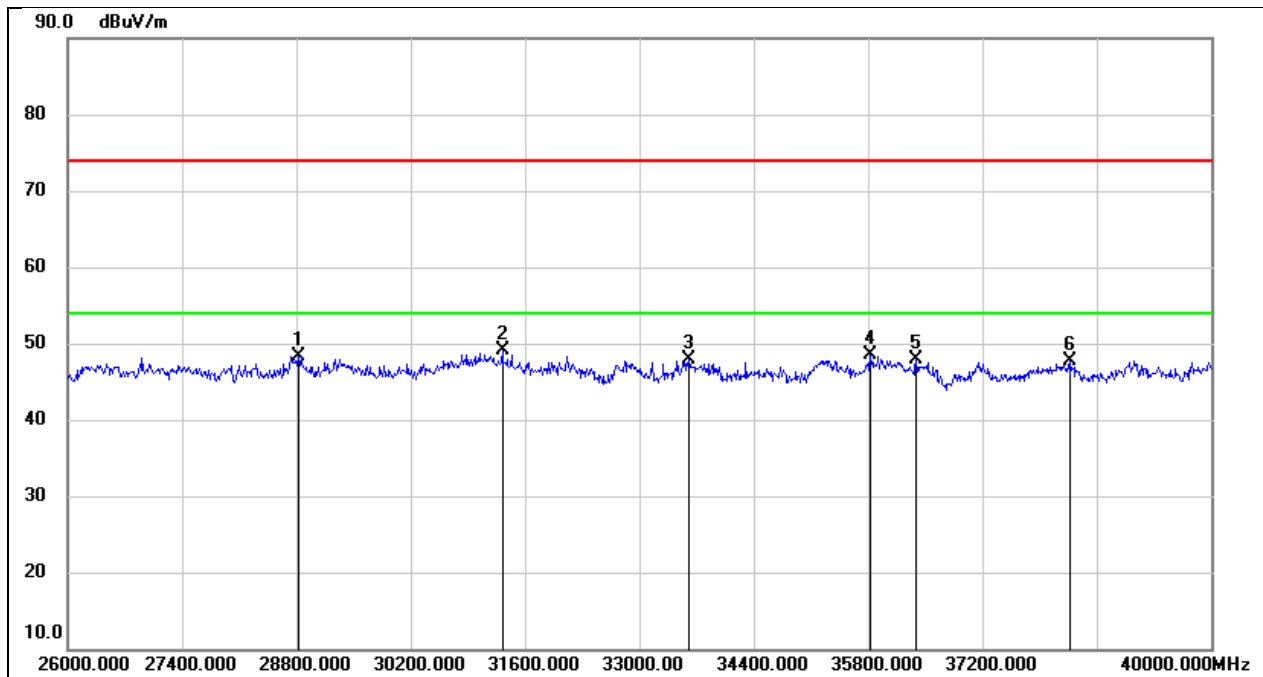
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

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	52.79	-4.74	48.05	74.00	-25.95	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	47.31	0.42	47.73	74.00	-26.27	peak
5	37228.000	45.23	3.14	48.37	74.00	-25.63	peak
6	38320.000	44.56	3.77	48.33	74.00	-25.67	peak

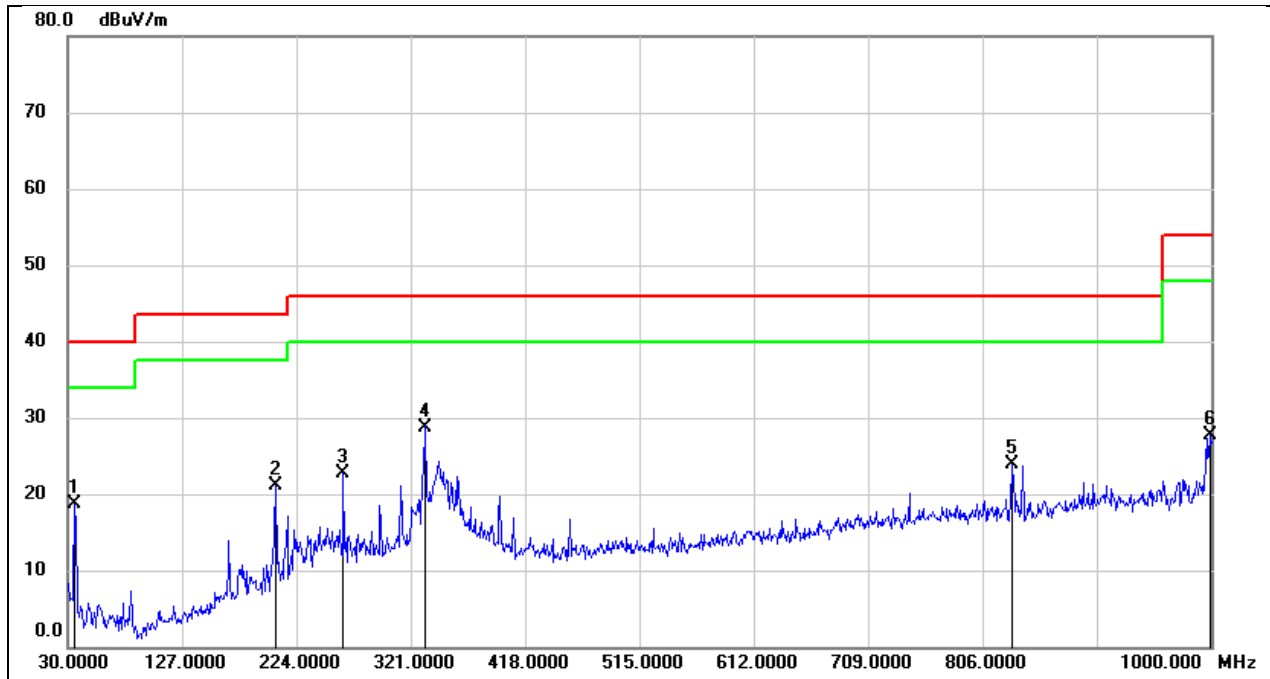
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28828.000	49.13	-0.79	48.34	74.00	-25.66	peak
2	31320.000	50.11	-0.93	49.18	74.00	-24.82	peak
3	33602.000	47.51	0.46	47.97	74.00	-26.03	peak
4	35828.000	44.75	3.67	48.42	74.00	-25.58	peak
5	36388.000	44.32	3.52	47.84	74.00	-26.16	peak
6	38278.000	43.82	3.82	47.64	74.00	-26.36	peak

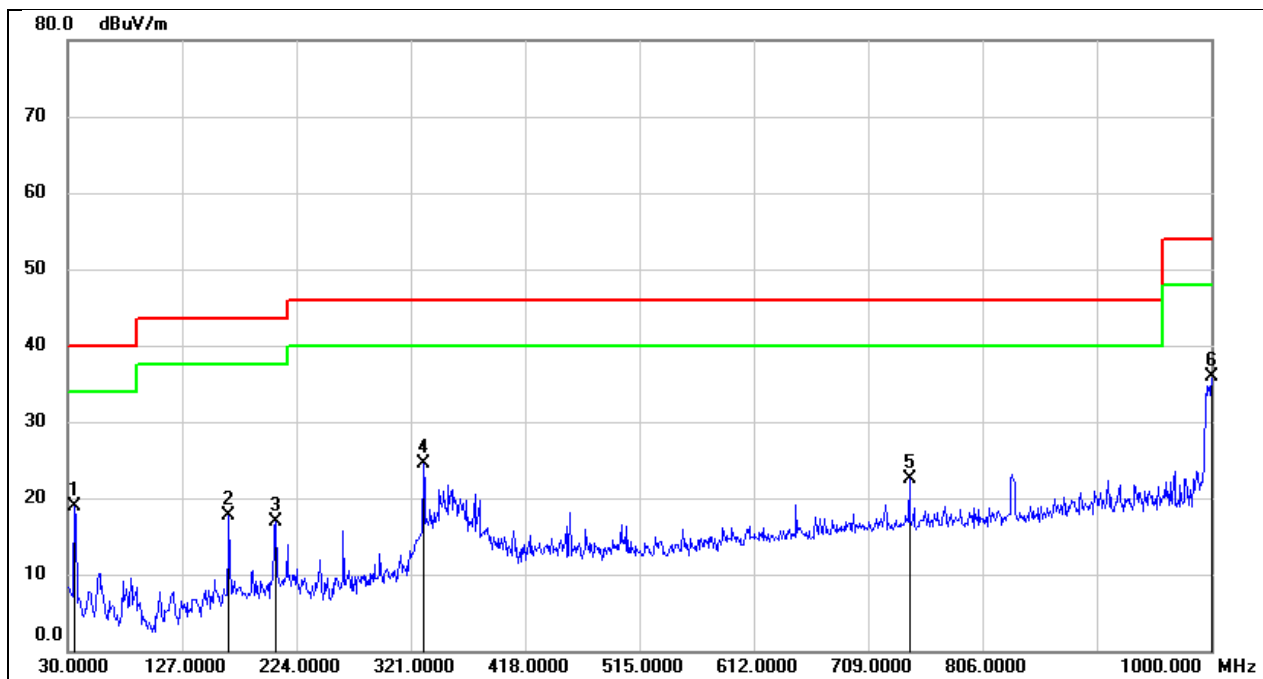
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

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	35.8200	37.35	-18.70	18.65	40.00	-21.35	QP
2	206.5399	37.23	-16.14	21.09	43.50	-22.41	QP
3	263.7700	40.05	-17.39	22.66	46.00	-23.34	QP
4	333.6099	42.05	-13.25	28.80	46.00	-17.20	QP
5	831.2199	29.96	-6.10	23.86	46.00	-22.14	QP
6	999.0300	31.41	-3.67	27.74	54.00	-26.26	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	35.8200	37.52	-18.70	18.82	40.00	-21.18	QP
2	166.7700	34.34	-16.55	17.79	43.50	-25.71	QP
3	206.5399	33.12	-16.14	16.98	43.50	-26.52	QP
4	331.6700	37.77	-13.34	24.43	46.00	-21.57	QP
5	743.9200	29.25	-6.82	22.43	46.00	-23.57	QP
6	1000.0000	39.65	-3.66	35.99	54.00	-18.01	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

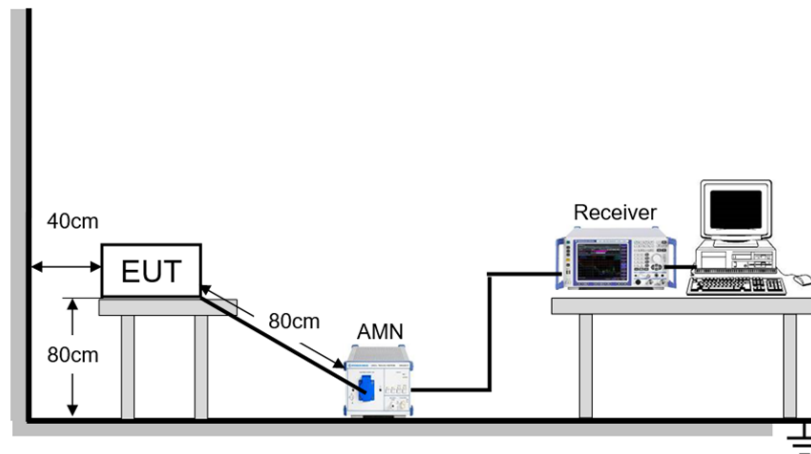
TEST PROCEDURE

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

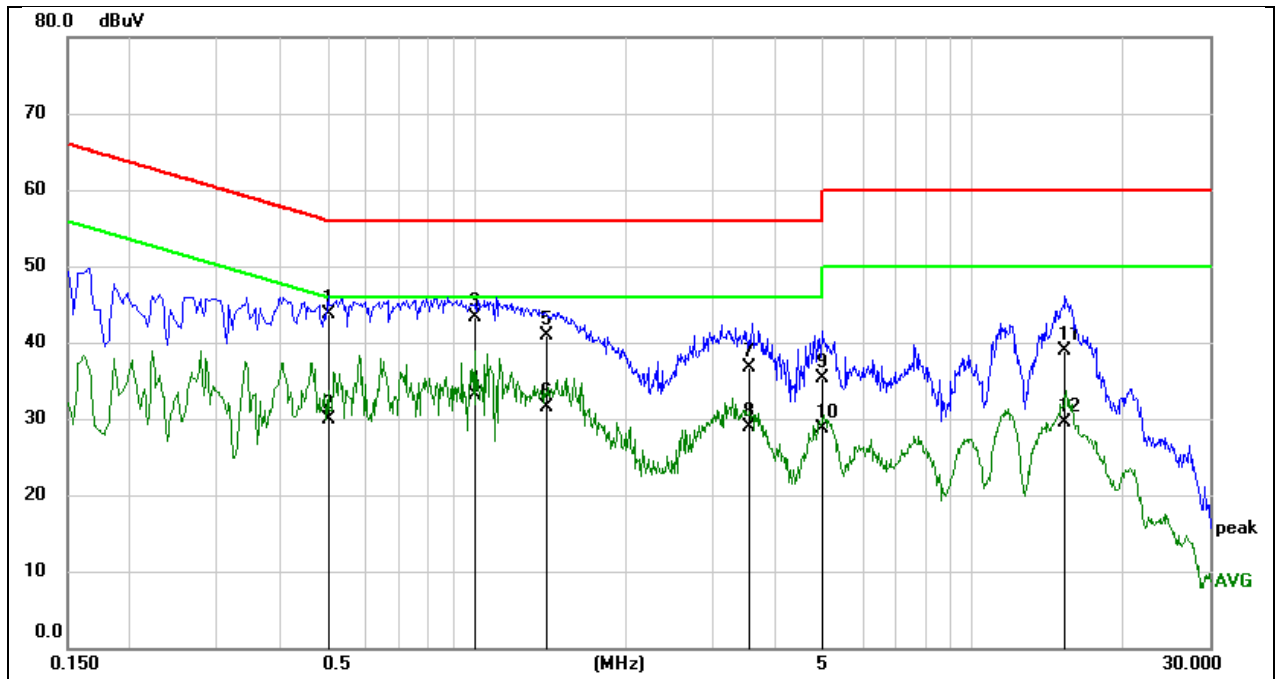
Temperature	22.9°C	Relative Humidity	47.1%
Atmosphere Pressure	101kPa	Test Voltage	AC 120 V, 60 Hz

TEST DATE / ENGINEER

Test Date	December 22, 2023	Test By	Fanny Huang
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TEST RESULTS

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



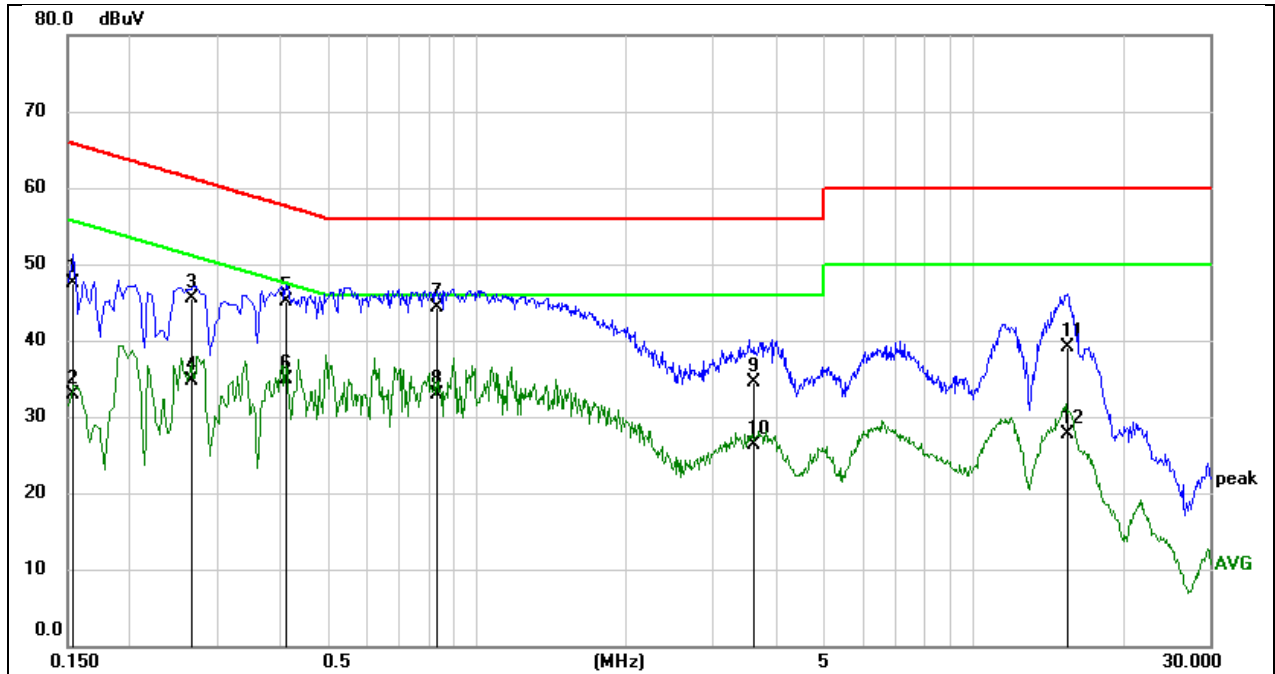
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5069	34.12	9.50	43.62	56.00	-12.38	QP
2	0.5069	20.43	9.50	29.93	46.00	-16.07	AVG
3	0.9955	33.75	9.51	43.26	56.00	-12.74	QP
4	0.9955	23.55	9.51	33.06	46.00	-12.94	AVG
5	1.3878	31.35	9.55	40.90	56.00	-15.10	QP
6	1.3878	21.98	9.55	31.53	46.00	-14.47	AVG
7	3.5180	27.11	9.61	36.72	56.00	-19.28	QP
8	3.5180	19.31	9.61	28.92	46.00	-17.08	AVG
9	4.9861	25.65	9.62	35.27	56.00	-20.73	QP
10	4.9861	19.03	9.62	28.65	46.00	-17.35	AVG
11	15.2877	29.22	9.65	38.87	60.00	-21.13	QP
12	15.2877	19.93	9.65	29.58	50.00	-20.42	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	0.1539	38.05	9.50	47.55	65.79	-18.24	QP
2	0.1539	23.46	9.50	32.96	55.79	-22.83	AVG
3	0.2665	35.87	9.57	45.44	61.23	-15.79	QP
4	0.2665	25.22	9.57	34.79	51.23	-16.44	AVG
5	0.4138	35.51	9.53	45.04	57.57	-12.53	QP
6	0.4138	25.28	9.53	34.81	47.57	-12.76	AVG
7	0.8354	34.71	9.50	44.21	56.00	-11.79	QP
8	0.8354	23.48	9.50	32.98	46.00	-13.02	AVG
9	3.5986	24.98	9.61	34.59	56.00	-21.41	QP
10	3.5986	16.73	9.61	26.34	46.00	-19.66	AVG
11	15.5520	29.47	9.65	39.12	60.00	-20.88	QP
12	15.5520	18.15	9.65	27.80	50.00	-22.20	AVG

Note:

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

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

10. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC part 15.407(a)

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

11. TEST DATA

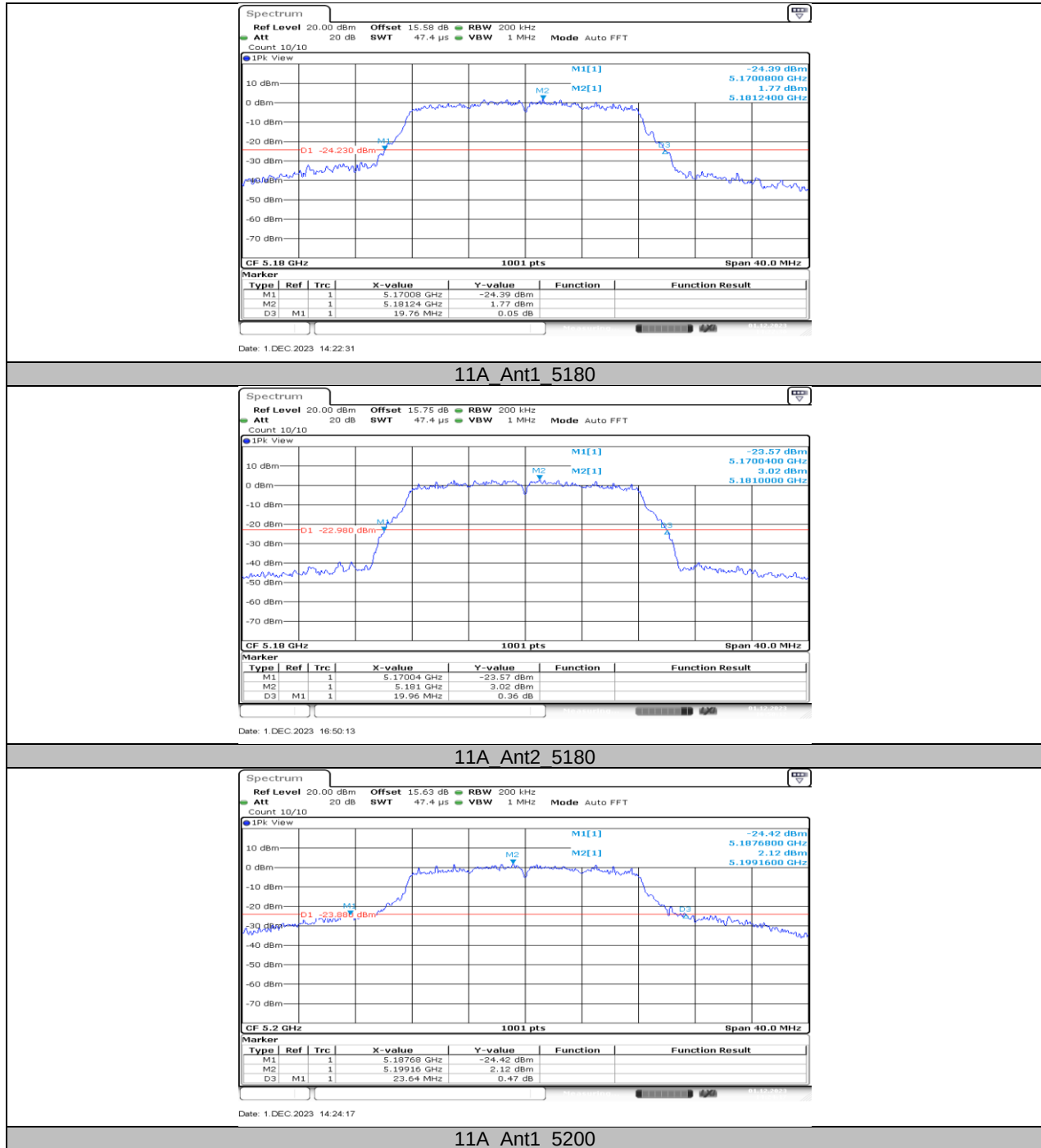
11.1. APPENDIX A: EMISSION BANDWIDTH

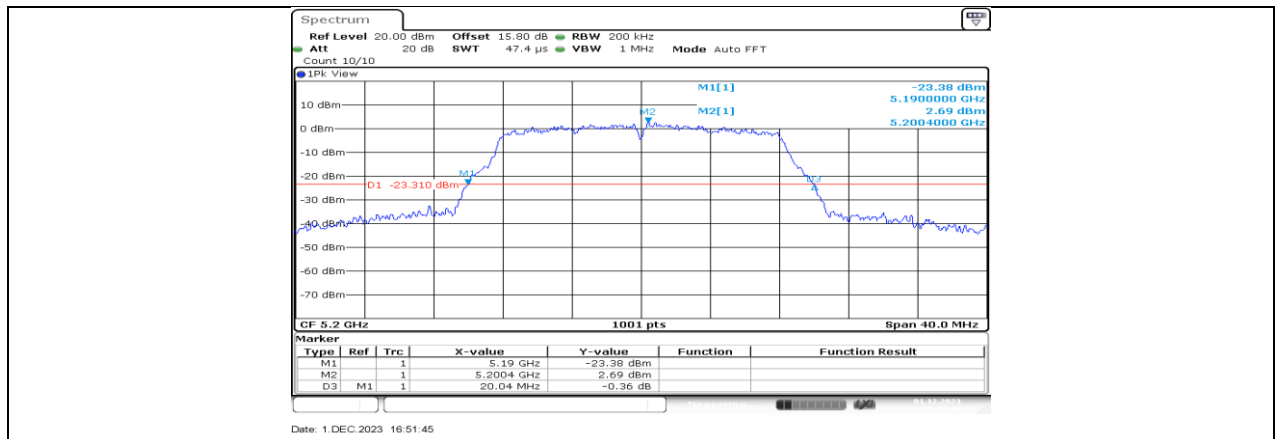
11.1.1. Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	19.76	5170.08	5189.84	PASS
	Ant2	5180	19.96	5170.04	5190.00	PASS
	Ant1	5200	23.64	5187.68	5211.32	PASS
	Ant2	5200	20.04	5190.00	5210.04	PASS
	Ant1	5240	20.76	5229.60	5250.36	PASS
	Ant2	5240	19.84	5230.08	5249.92	PASS
	Ant1	5260	20.12	5249.88	5270.00	PASS
	Ant2	5260	19.72	5250.08	5269.80	PASS
	Ant1	5280	20.44	5269.60	5290.04	PASS
	Ant2	5280	20.08	5269.88	5289.96	PASS
	Ant1	5320	19.92	5310.04	5329.96	PASS
	Ant2	5320	19.52	5310.28	5329.80	PASS
	Ant1	5500	19.92	5489.96	5509.88	PASS
	Ant2	5500	19.92	5489.92	5509.84	PASS
	Ant1	5580	19.96	5569.92	5589.88	PASS
	Ant2	5580	20.08	5569.88	5589.96	PASS
	Ant1	5700	20.12	5689.92	5710.04	PASS
	Ant2	5700	20.04	5690.00	5710.04	PASS
	Ant1	5720	20.00	5710.00	5730.00	PASS
	Ant2	5720	20.20	5709.80	5730.00	PASS
	Ant1	5720 UNII-2C	15	5710.00	5725	PASS
	Ant2	5720 UNII-2C	15.2	5709.80	5725	PASS
	Ant1	5720 UNII-3	5	5725	5730.00	PASS
	Ant2	5720 UNII-3	5	5725	5730.00	PASS
	Ant1	5745	20.04	5735.08	5755.12	PASS
	Ant2	5745	19.96	5735.00	5754.96	PASS
	Ant1	5785	20.00	5775.04	5795.04	PASS
	Ant2	5785	19.68	5775.20	5794.88	PASS
	Ant1	5825	20.28	5814.64	5834.92	PASS
	Ant2	5825	20.12	5814.88	5835.00	PASS
11N20MIMO	Ant1	5180	20.00	5169.92	5189.92	PASS
	Ant2	5180	20.32	5169.80	5190.12	PASS
	Ant1	5200	20.16	5189.76	5209.92	PASS
	Ant2	5200	20.04	5189.92	5209.96	PASS
	Ant1	5240	19.96	5230.00	5249.96	PASS
	Ant2	5240	19.92	5230.00	5249.92	PASS
	Ant1	5260	19.96	5250.00	5269.96	PASS
	Ant2	5260	20.04	5250.00	5270.04	PASS
	Ant1	5280	20.32	5269.84	5290.16	PASS
	Ant2	5280	20.16	5269.88	5290.04	PASS
	Ant1	5320	20.04	5309.88	5329.92	PASS
	Ant2	5320	20.32	5309.88	5330.20	PASS
	Ant1	5500	20.00	5490.00	5510.00	PASS
	Ant2	5500	20.24	5489.88	5510.12	PASS
	Ant1	5580	20.44	5569.68	5590.12	PASS
	Ant2	5580	20.28	5569.84	5590.12	PASS
	Ant1	5700	19.92	5689.96	5709.88	PASS
	Ant2	5700	20.24	5689.84	5710.08	PASS
	Ant1	5720	20.08	5709.96	5730.04	PASS
	Ant2	5720	20.24	5709.84	5730.08	PASS
	Ant1	5720 UNII-2C	15.04	5709.96	5725	PASS
	Ant2	5720 UNII-2C	15.16	5709.84	5725	PASS
	Ant1	5720 UNII-3	5.04	5725	5730.04	PASS
	Ant2	5720 UNII-3	5.08	5725	5730.08	PASS
	Ant1	5745	20.52	5734.72	5755.24	PASS
	Ant2	5745	20.28	5734.88	5755.16	PASS

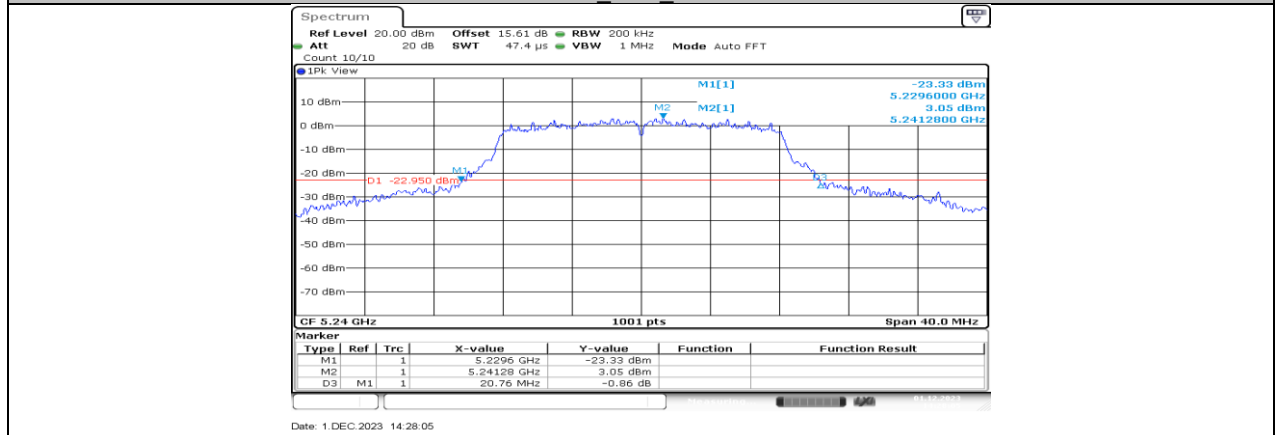
	Ant1	5785	20.32	5774.84	5795.16	PASS
	Ant2	5785	20.00	5774.88	5794.88	PASS
	Ant1	5825	20.32	5814.84	5835.16	PASS
	Ant2	5825	20.24	5814.84	5835.08	PASS
11N40MIMO	Ant1	5190	41.20	5169.44	5210.64	PASS
	Ant2	5190	40.48	5169.76	5210.24	PASS
	Ant1	5230	50.16	5204.64	5254.80	PASS
	Ant2	5230	40.56	5209.76	5250.32	PASS
	Ant1	5270	41.60	5249.36	5290.96	PASS
	Ant2	5270	40.32	5249.92	5290.24	PASS
	Ant1	5310	40.96	5289.52	5330.48	PASS
	Ant2	5310	40.08	5290.00	5330.08	PASS
	Ant1	5510	41.12	5489.52	5530.64	PASS
	Ant2	5510	40.96	5489.52	5530.48	PASS
	Ant1	5550	41.36	5529.20	5570.56	PASS
	Ant2	5550	40.72	5529.68	5570.40	PASS
	Ant1	5670	41.52	5649.44	5690.96	PASS
	Ant2	5670	40.64	5649.68	5690.32	PASS
	Ant1	5710	41.36	5689.36	5730.72	PASS
	Ant2	5710	40.96	5689.52	5730.48	PASS
	Ant1	5710 UNII-2C	35.64	5689.36	5725	PASS
	Ant2	5710 UNII-2C	35.48	5689.52	5725	PASS
	Ant1	5710 UNII-3	5.72	5725	5730.72	PASS
	Ant2	5710 UNII-3	5.48	5725	5730.48	PASS
	Ant1	5755	41.28	5734.44	5775.72	PASS
	Ant2	5755	40.72	5734.60	5775.32	PASS
	Ant1	5795	41.04	5774.44	5815.48	PASS
	Ant2	5795	40.56	5774.76	5815.32	PASS
11AC80MIMO	Ant1	5210	82.08	5169.04	5251.12	PASS
	Ant2	5210	80.96	5169.68	5250.64	PASS
	Ant1	5290	81.12	5249.52	5330.64	PASS
	Ant2	5290	81.28	5249.52	5330.80	PASS
	Ant1	5530	81.12	5489.52	5570.64	PASS
	Ant2	5530	81.12	5489.36	5570.48	PASS
	Ant1	5610	81.92	5569.36	5651.28	PASS
	Ant2	5610	81.44	5569.36	5650.80	PASS
	Ant1	5690	81.60	5649.20	5730.80	PASS
	Ant2	5690	80.96	5649.68	5730.64	PASS
	Ant1	5690 UNII-2C	75.8	5649.20	5725	PASS
	Ant2	5690 UNII-2C	75.32	5649.68	5725	PASS
	Ant1	5690 UNII-3	5.8	5725	5730.80	PASS
	Ant2	5690 UNII-3	5.64	5725	5730.64	PASS
	Ant1	5775	81.60	5734.36	5815.96	PASS
	Ant2	5775	80.80	5734.68	5815.48	PASS

11.1.2. Test Graphs

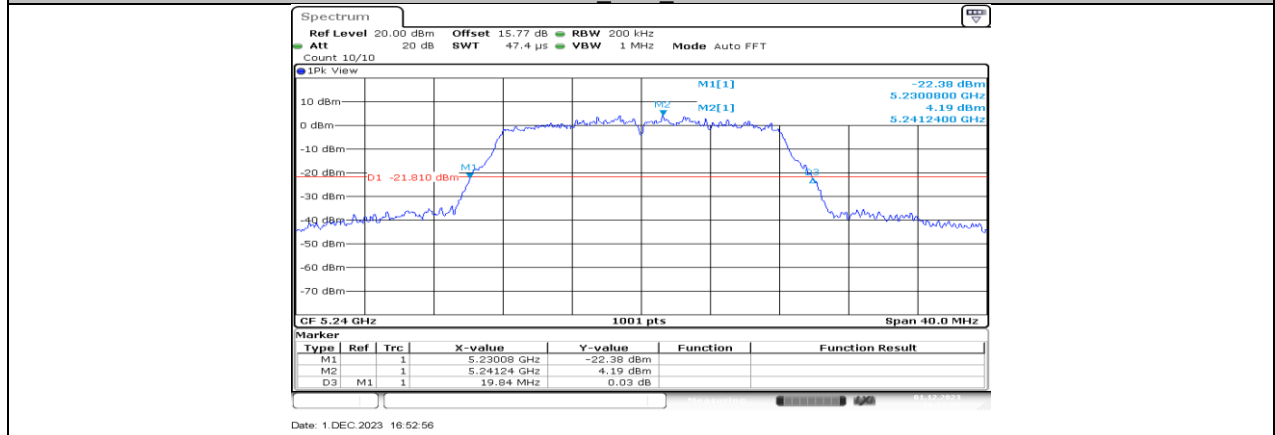




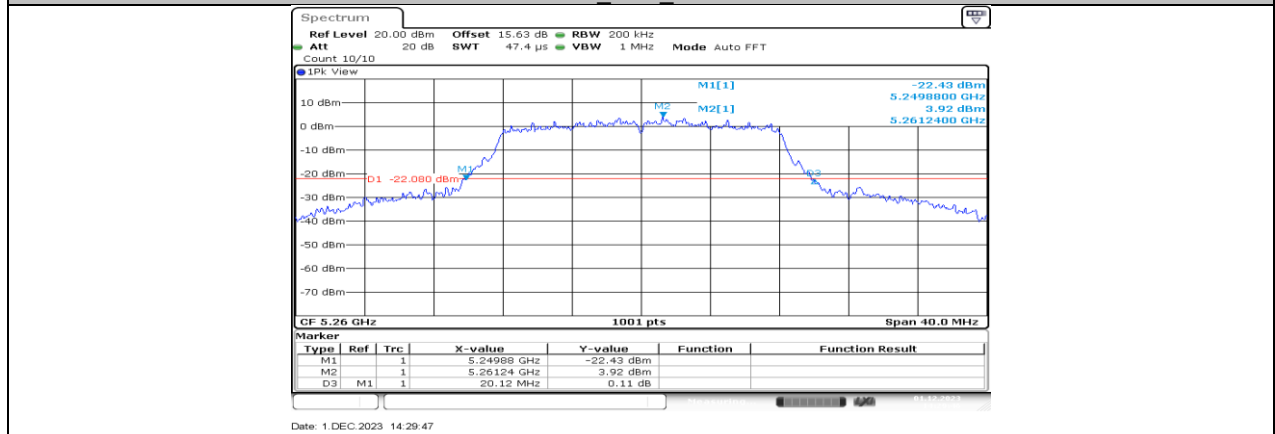
11A Ant2 5200



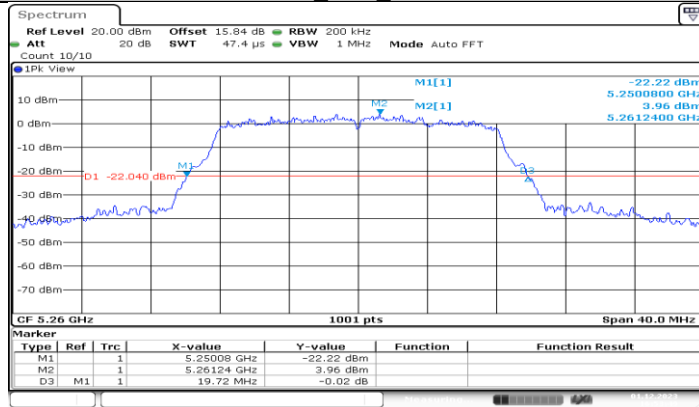
11A Ant1 5240



11A Ant2 5240

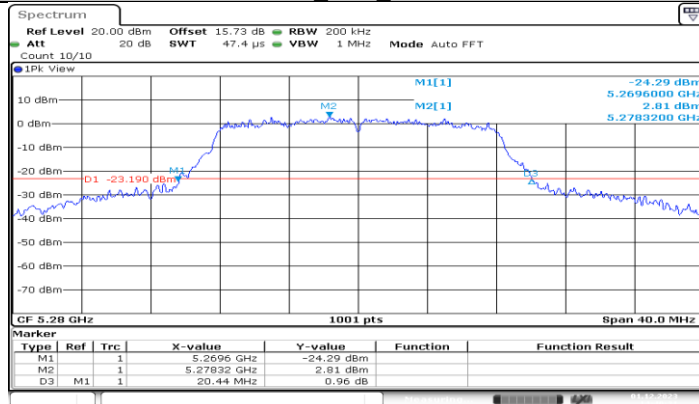


11A_Ant1_5260



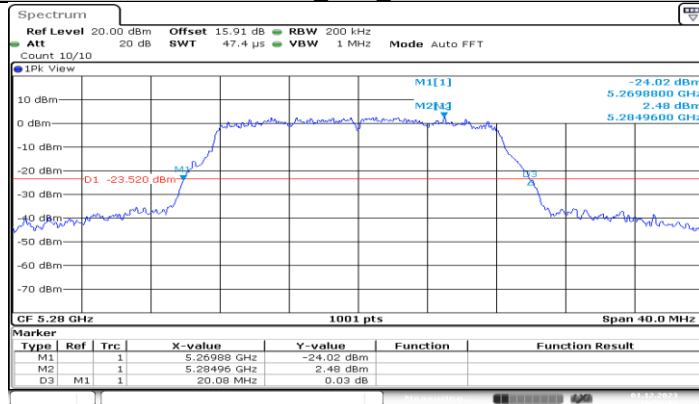
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11A_Ant2_5260



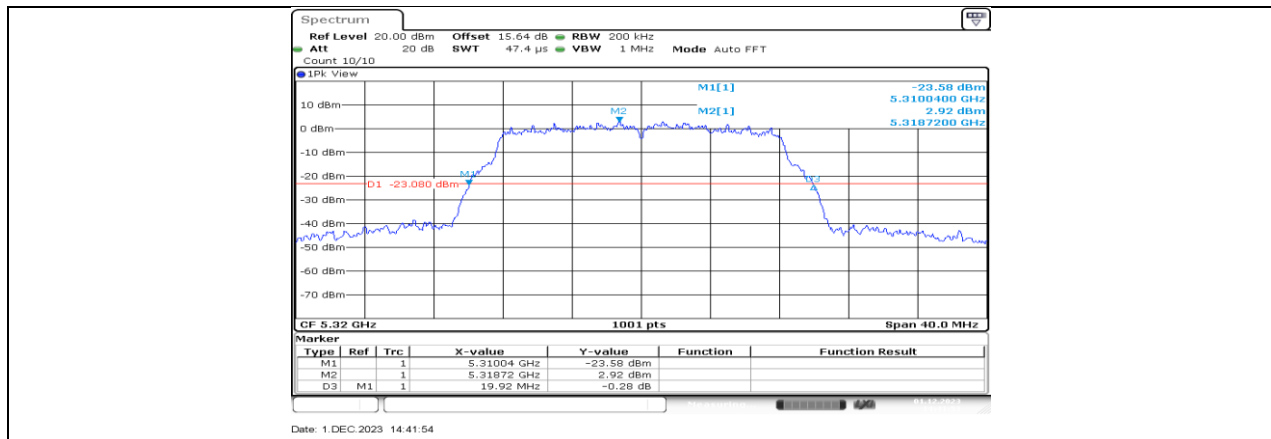
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11A_Ant1_5280

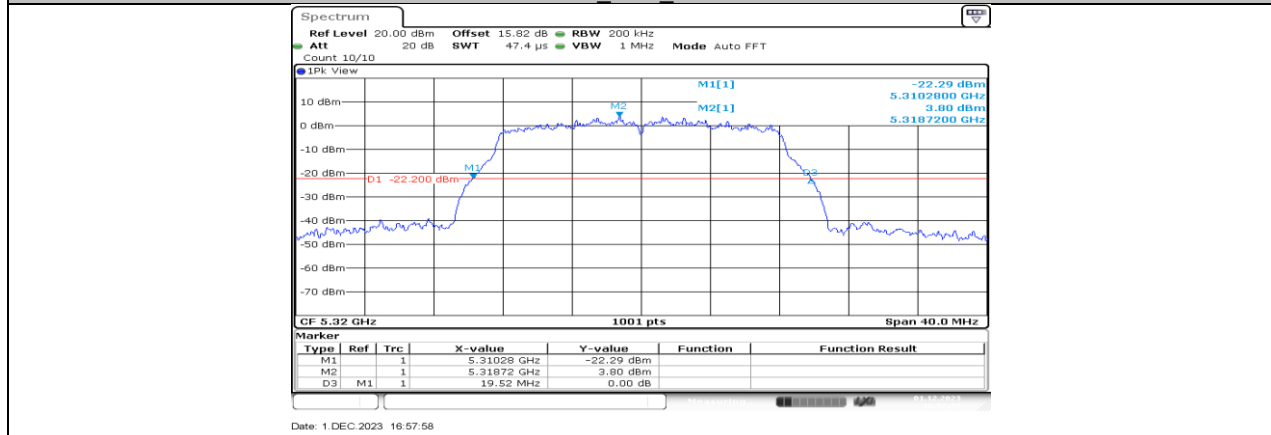


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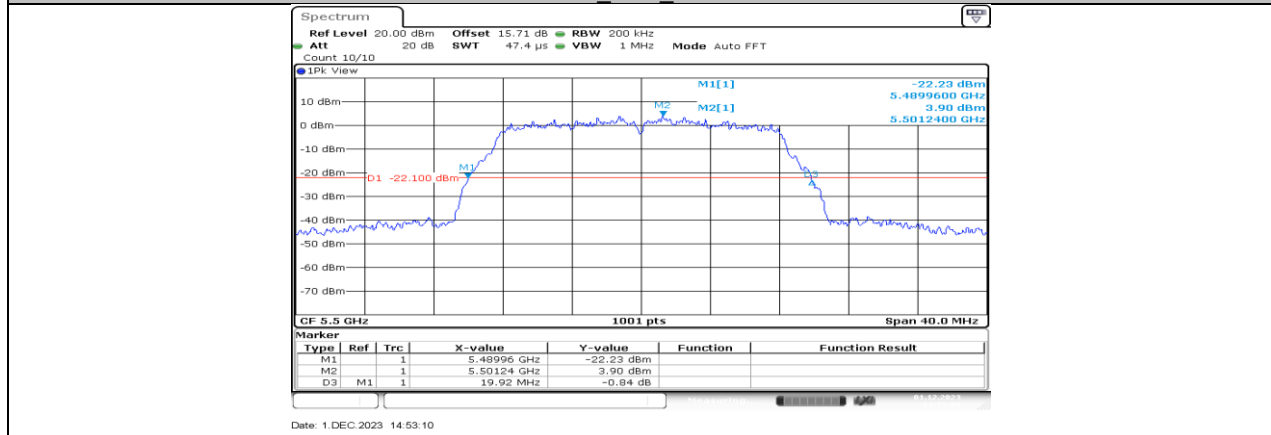
11A_Ant2_5280



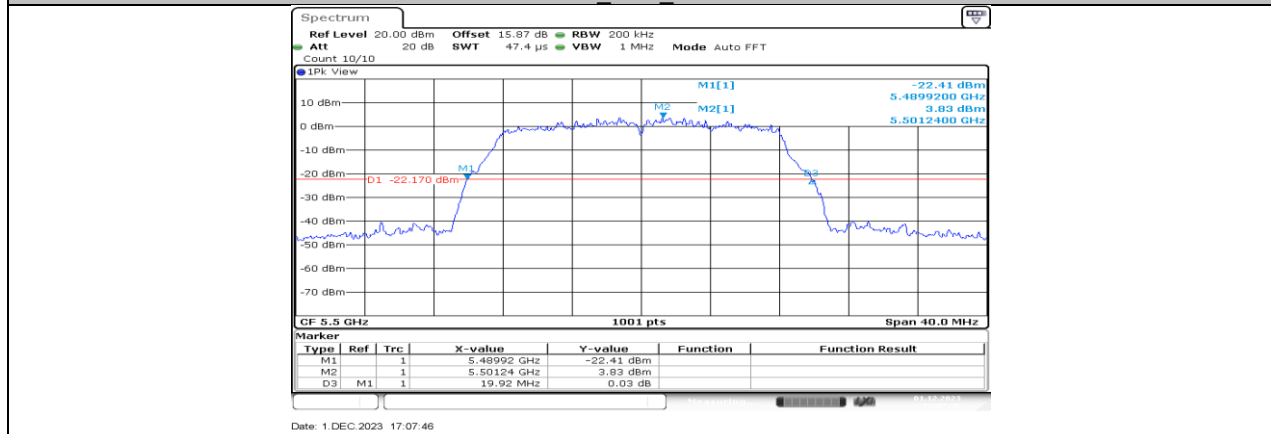
11A Ant1 5320



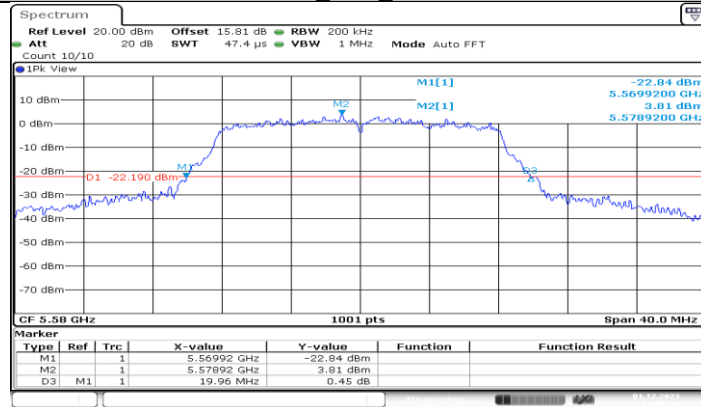
11A Ant2 5320



11A Ant1 5500

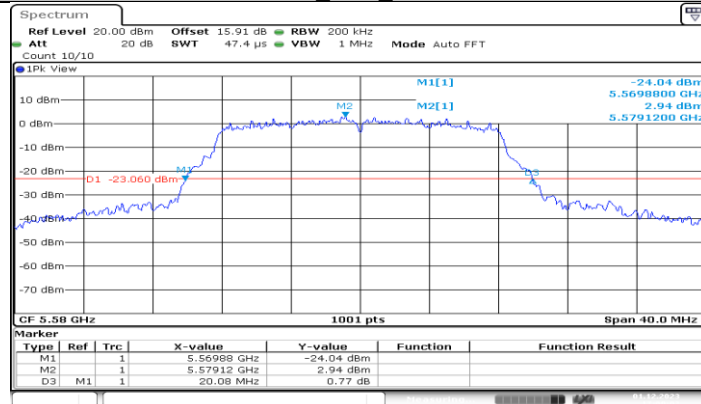


11A_Ant2_5500



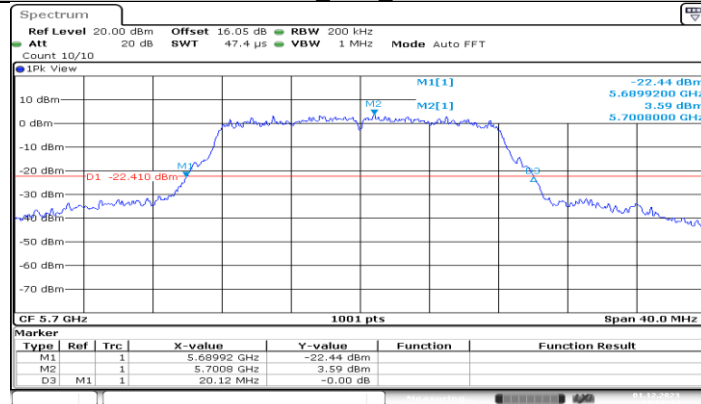
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11A_Ant1_5580



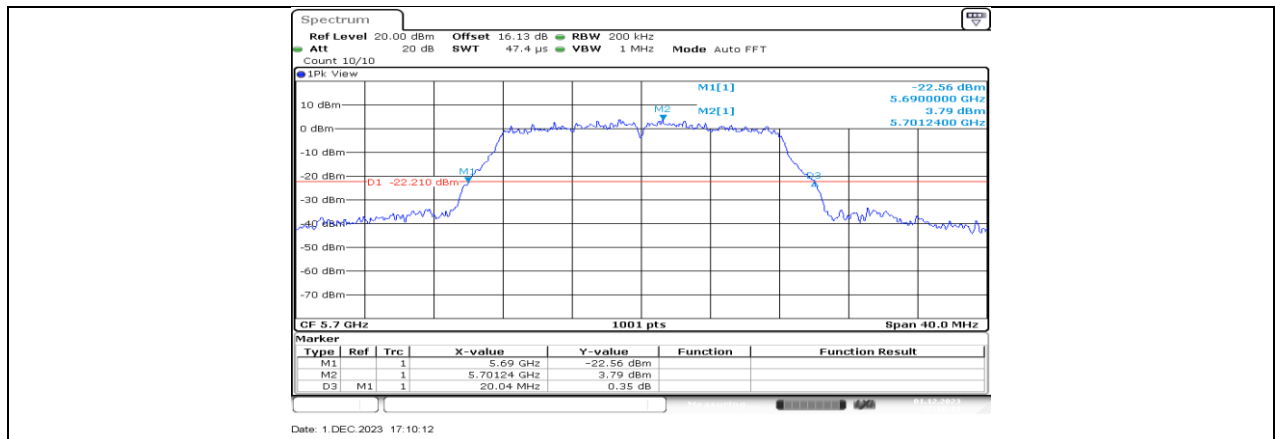
Date: 1 DEC 2023 17:09:02

11A_Ant2_5580

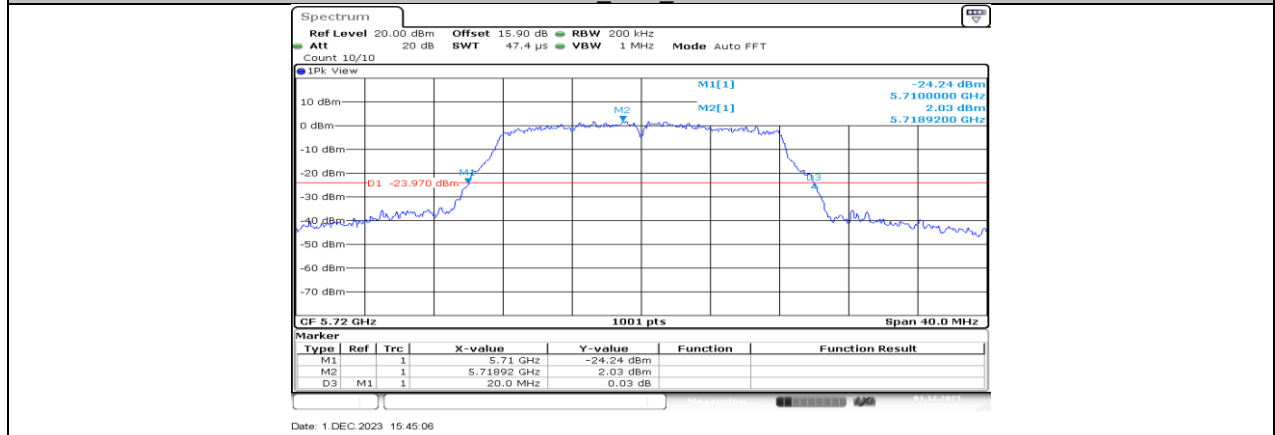


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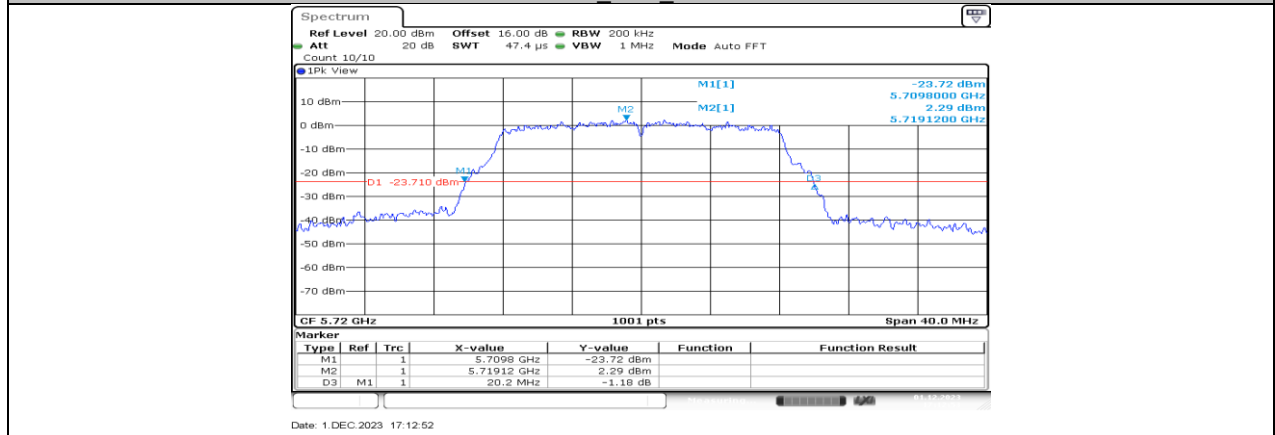
11A_Ant1_5700



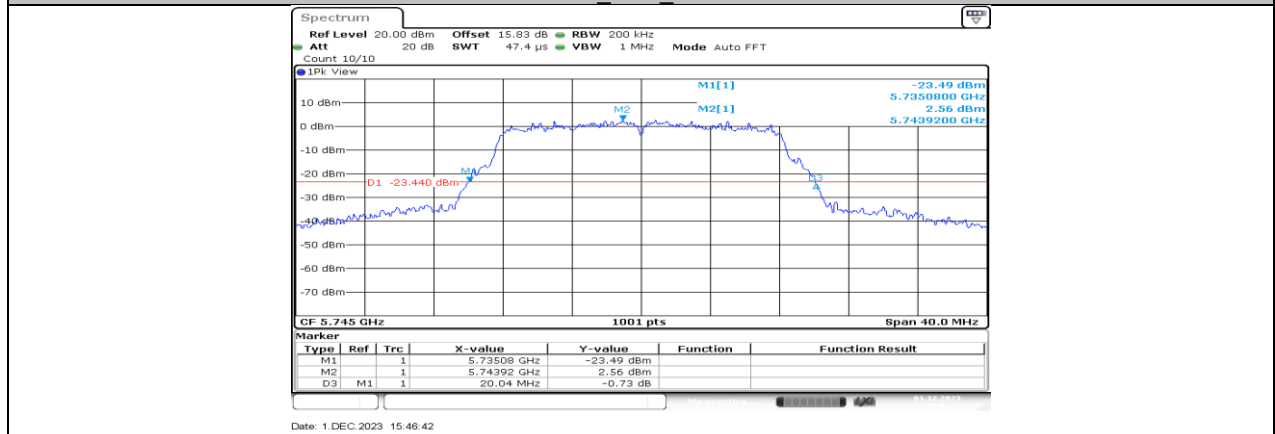
11A Ant2 5700



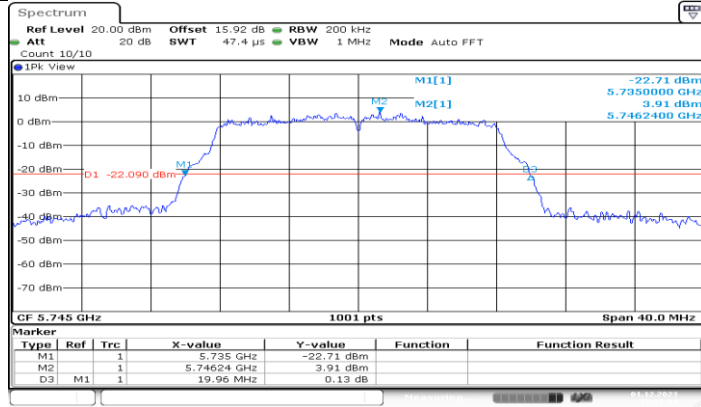
11A Ant1 5720



11A Ant2 5720

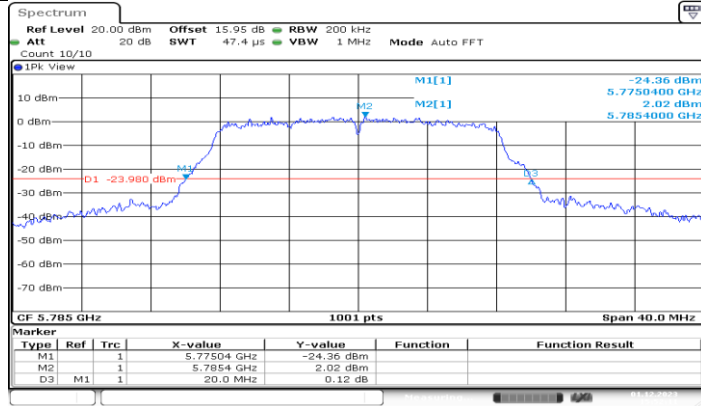


11A_Ant1_5745



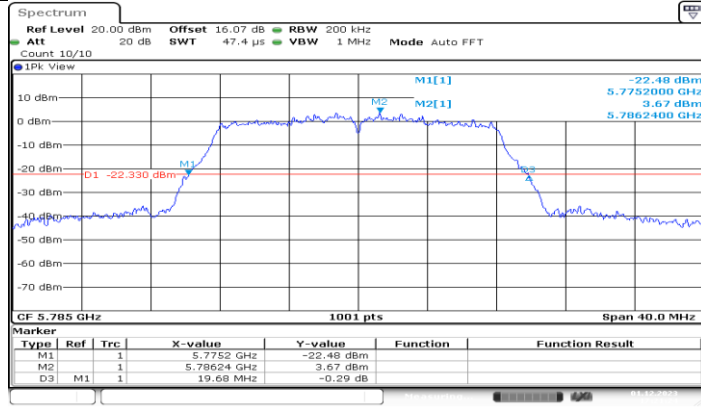
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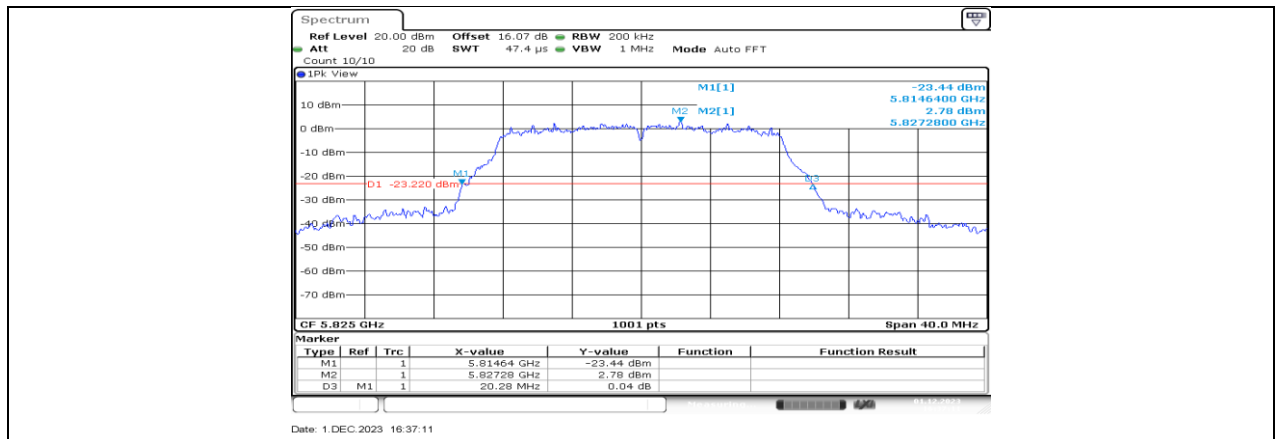
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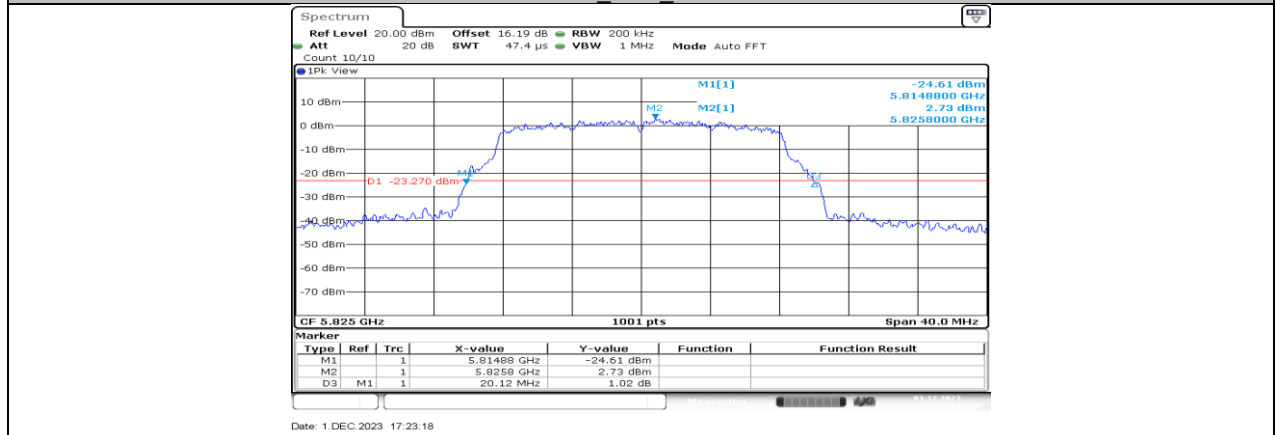


Date: 1 DEC 2023 17:21:24

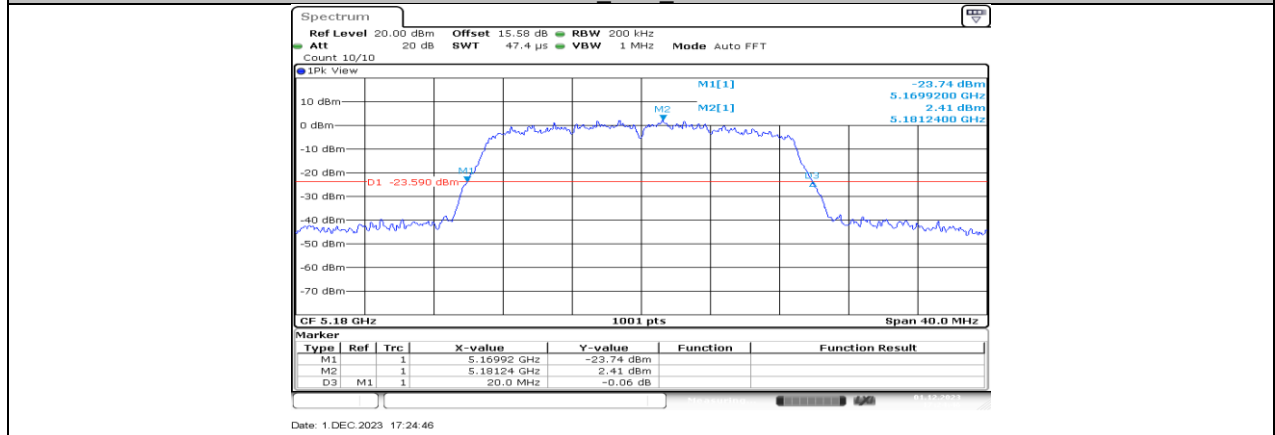
11A_Ant2_5785



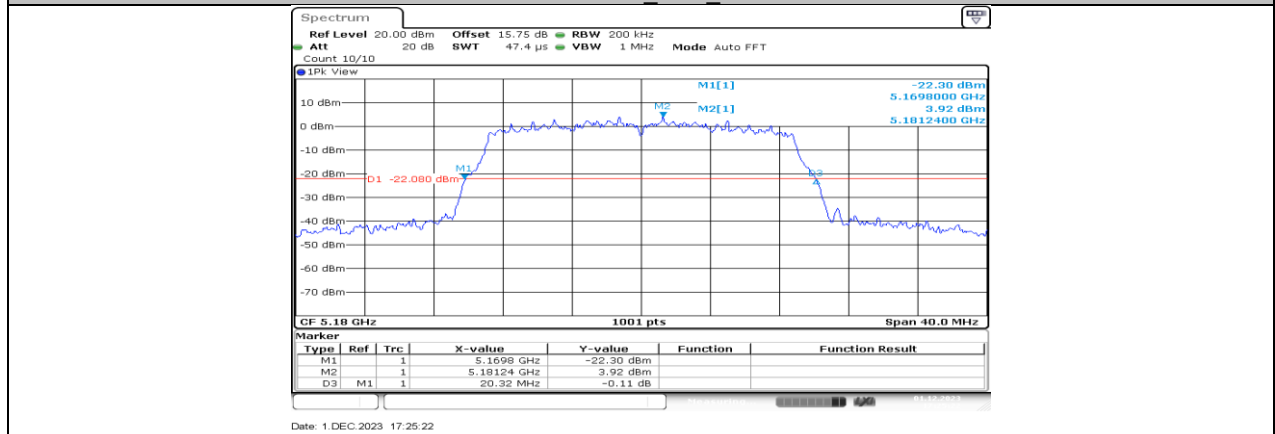
11A Ant1 5825



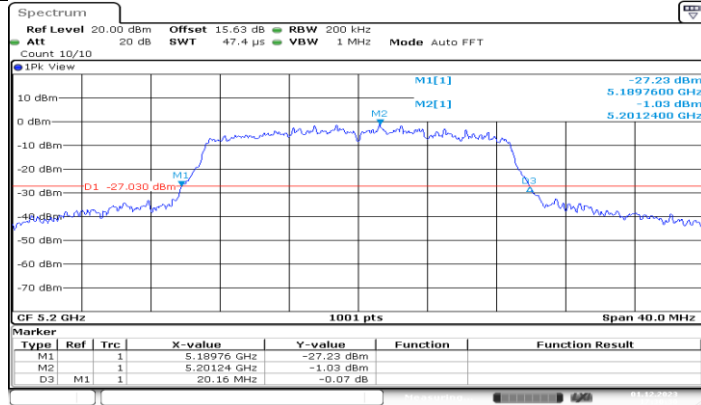
11A Ant2 5825



11N20MIMO Ant1 5180

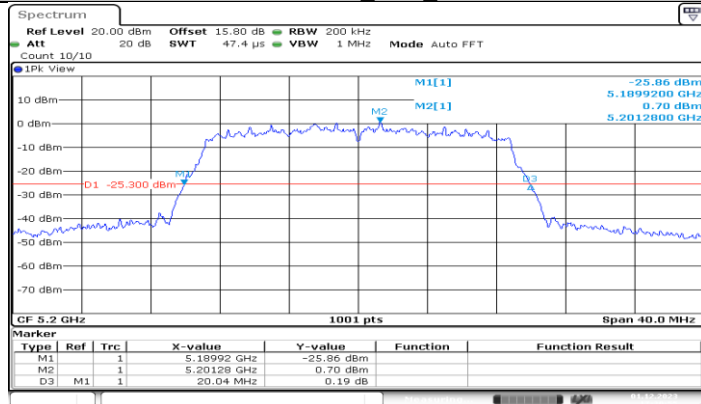


11N20MIMO_Ant2_5180



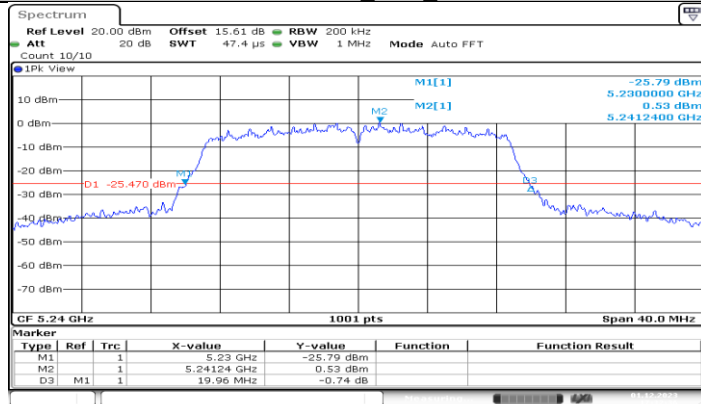
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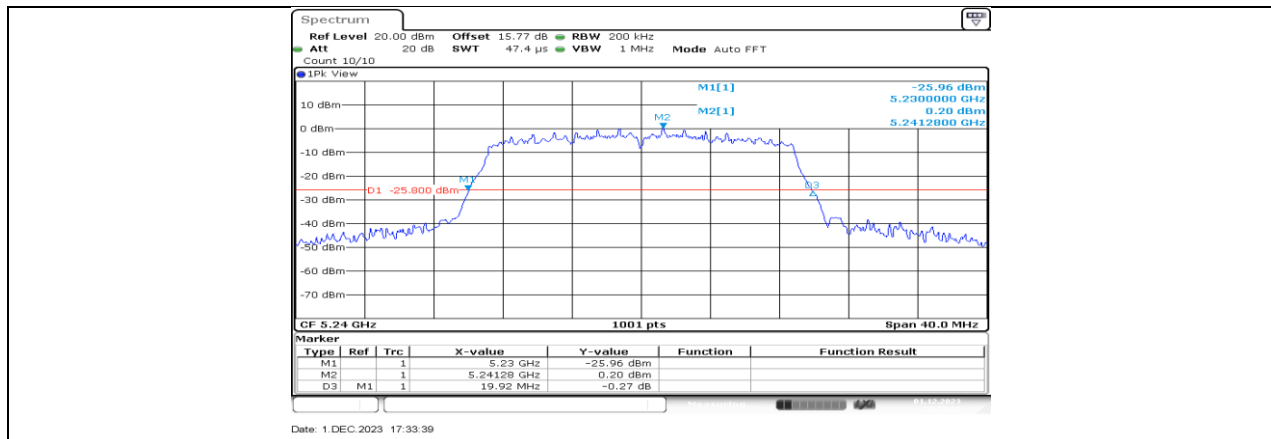
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11N20MIMO_Ant2_5200

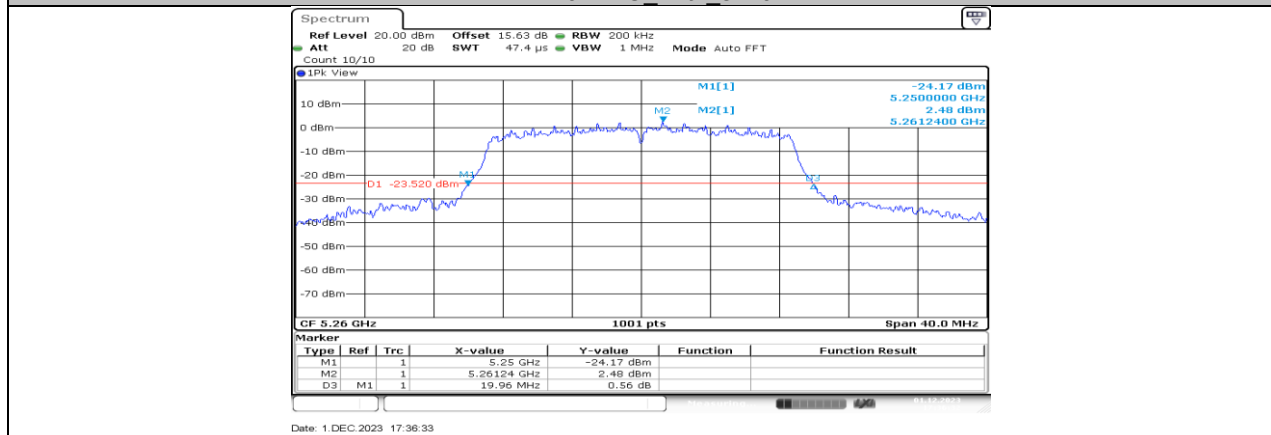


Date: 1 DEC 2023 17:32:36

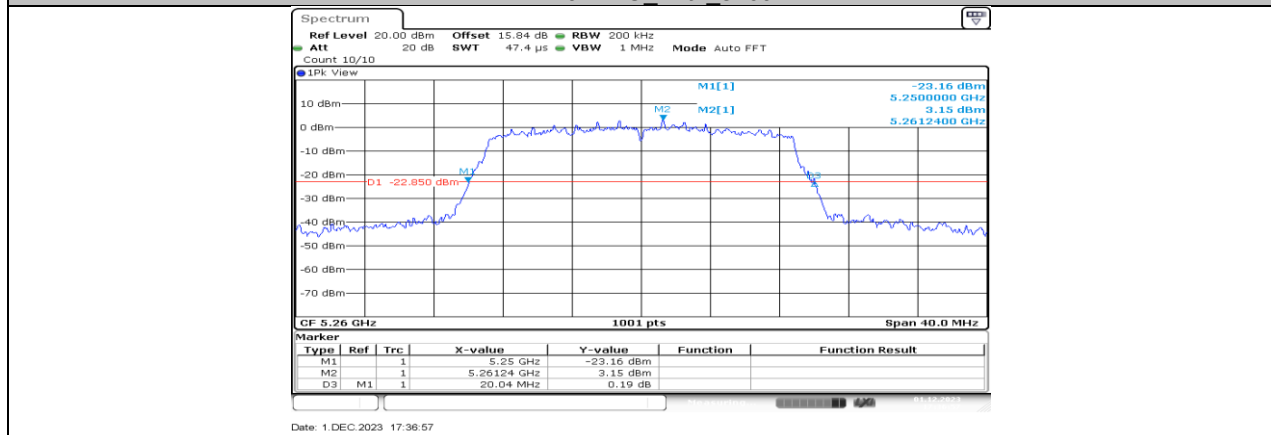
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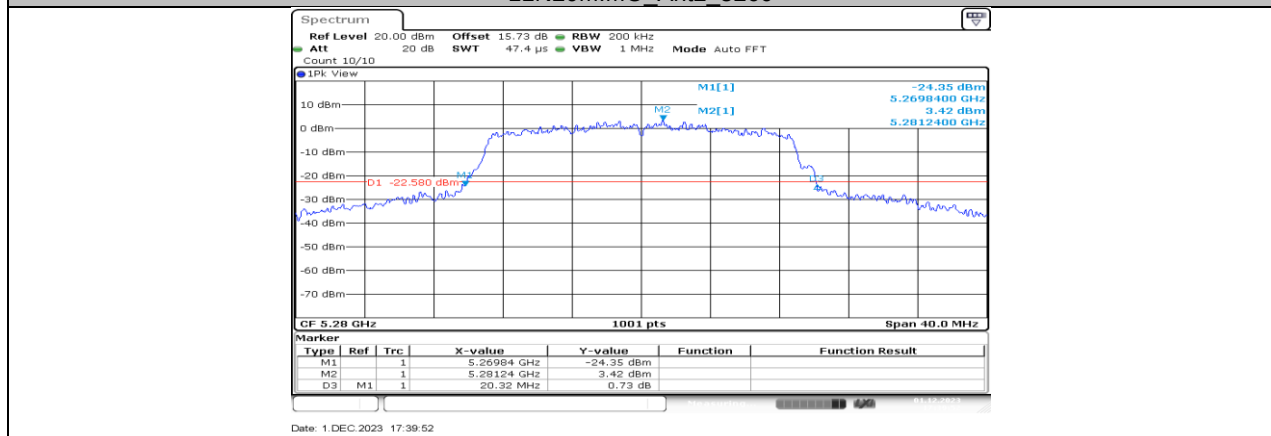
11N20MIMO_Ant2_5240



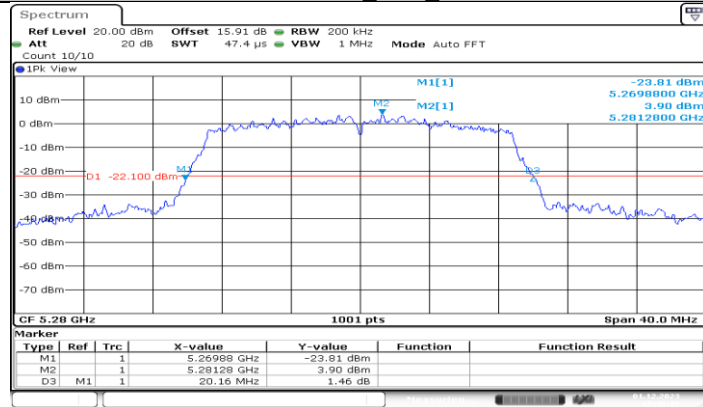
11N20MIMO_Ant1_5260



11N20MIMO_Ant2_5260

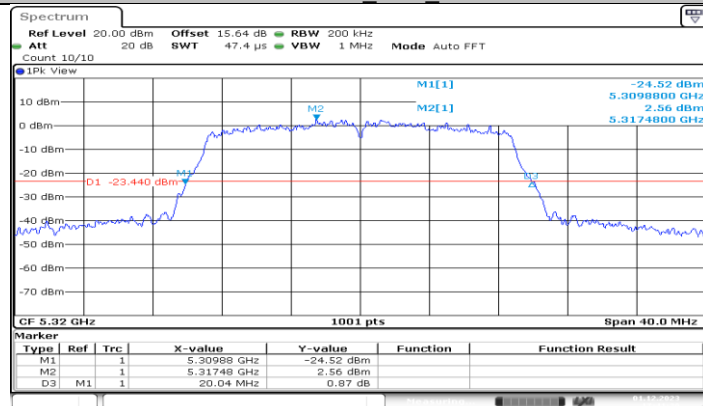


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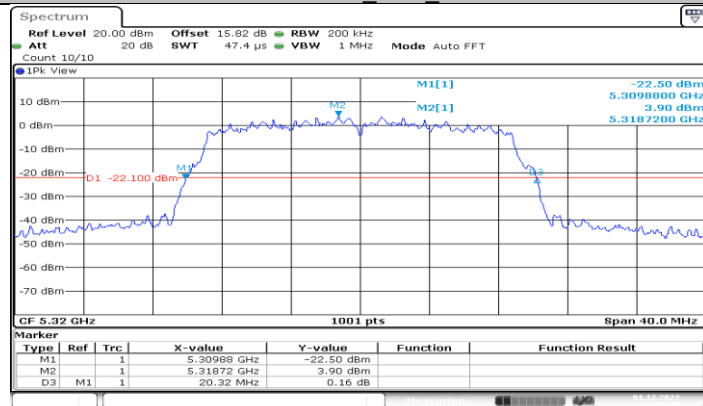
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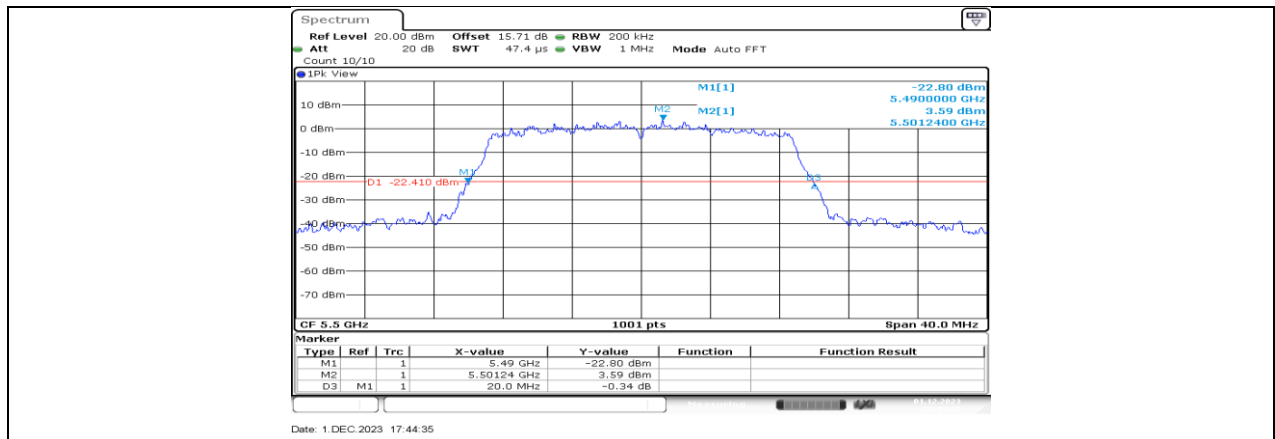
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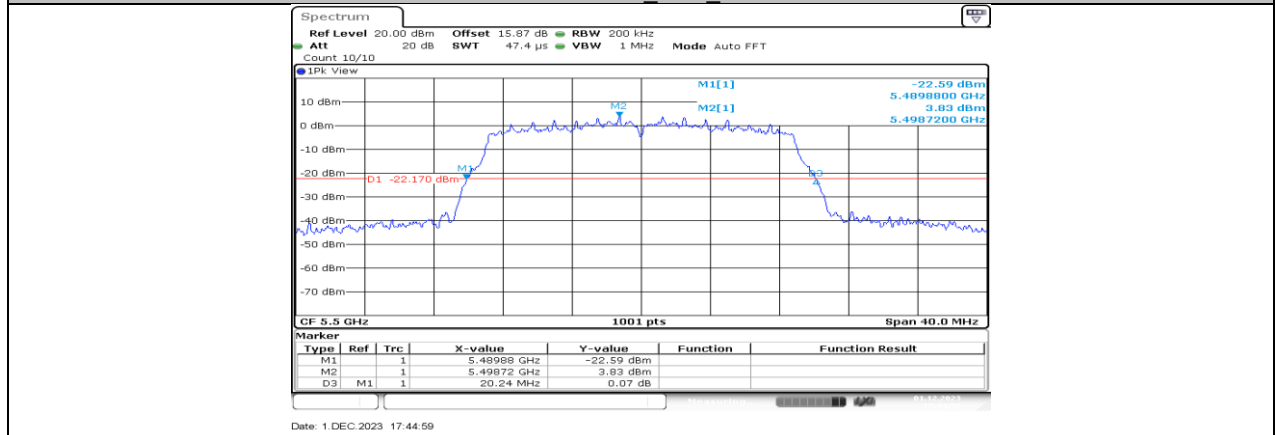


Date: 1 DEC 2023 17:41:44

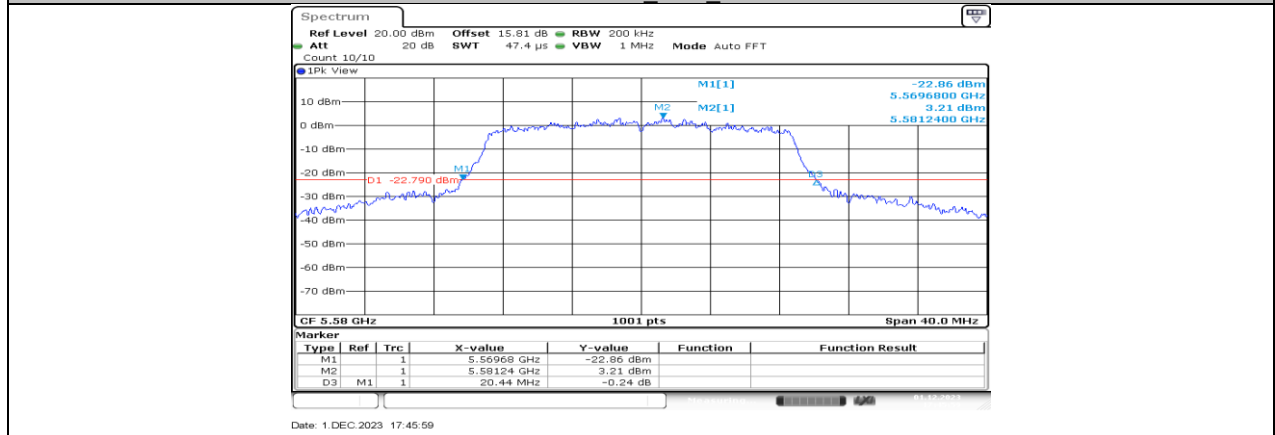
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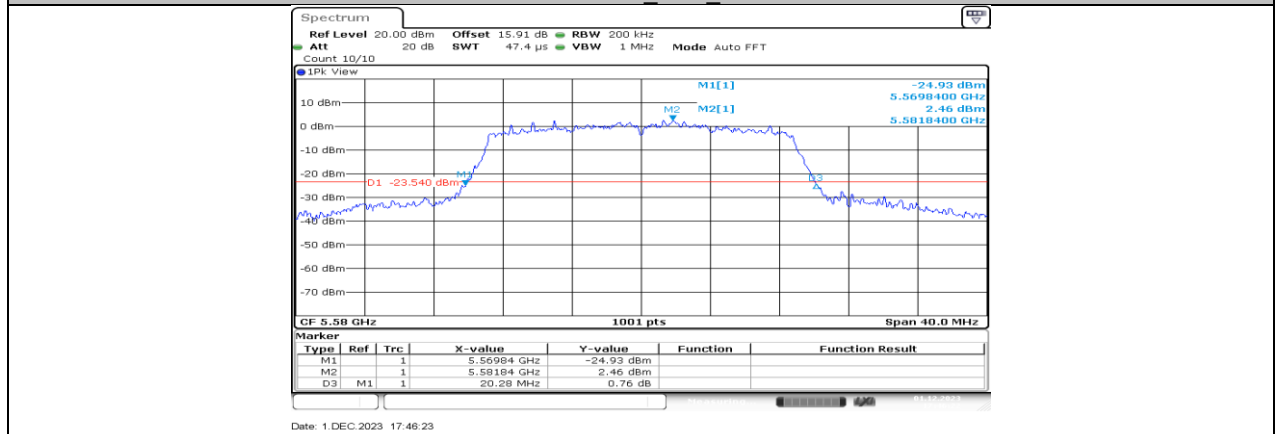
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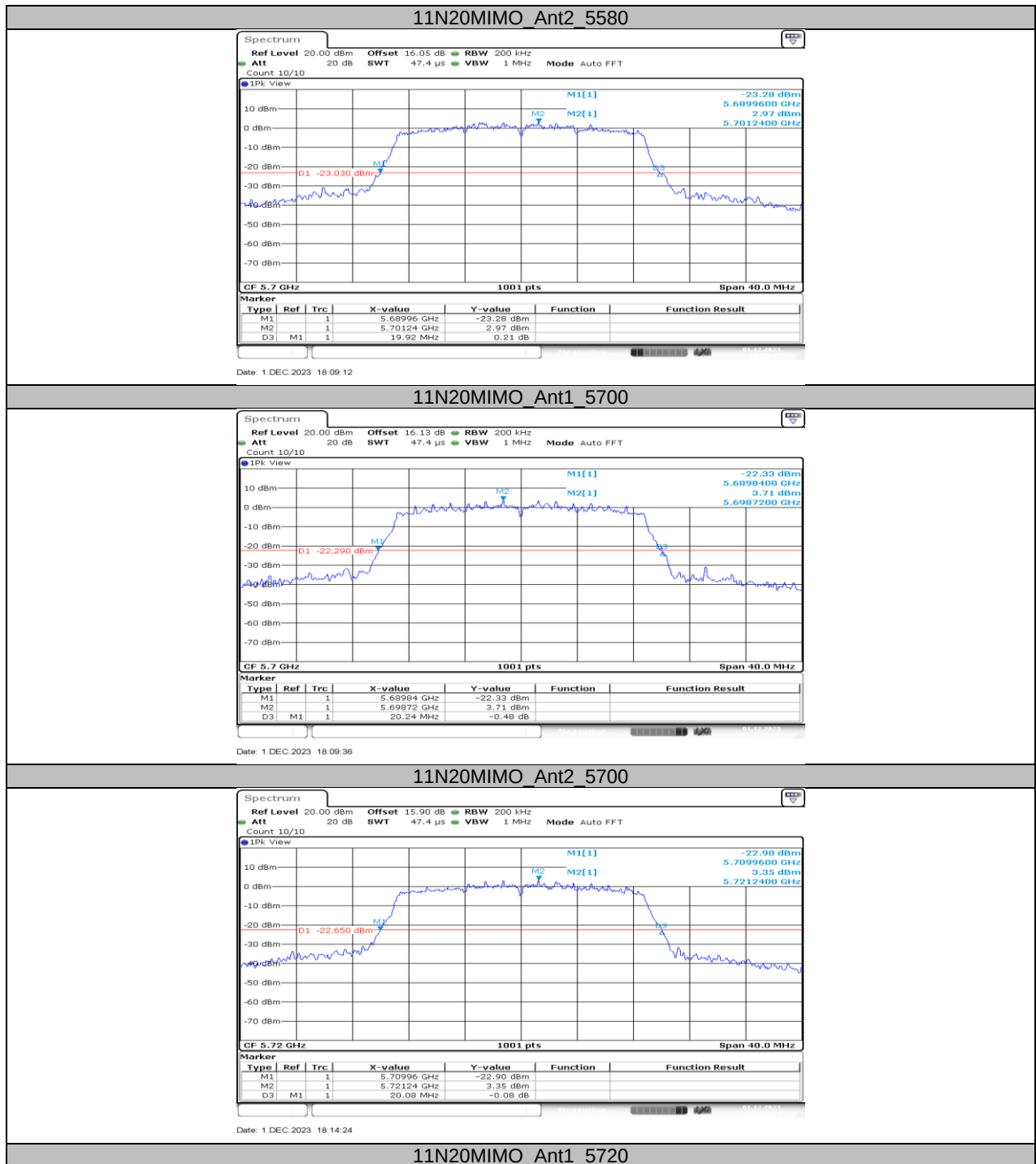


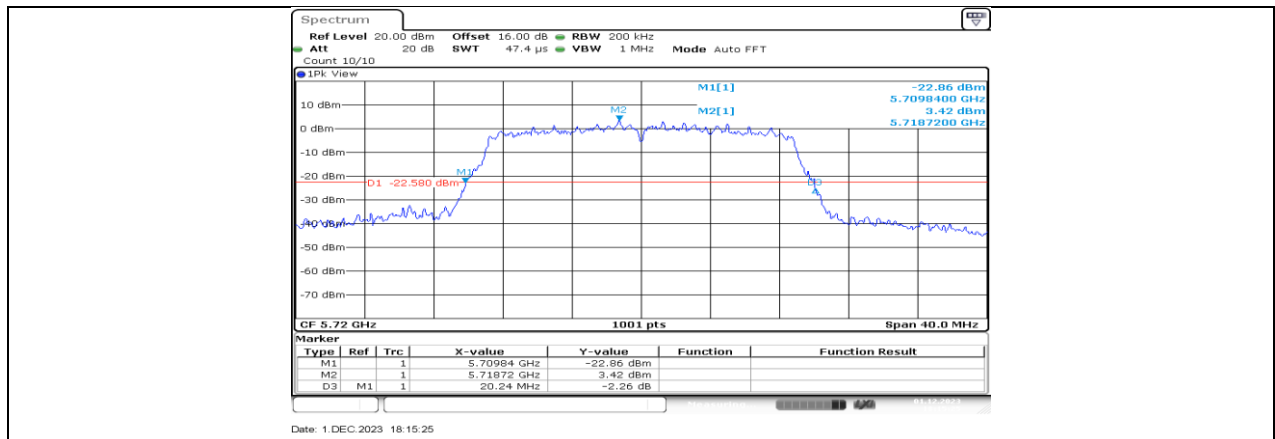
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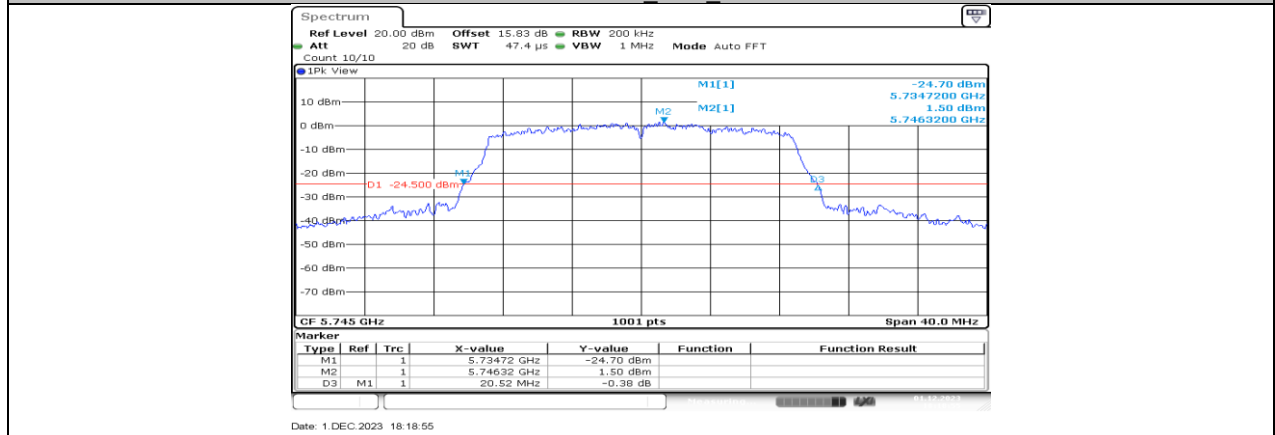
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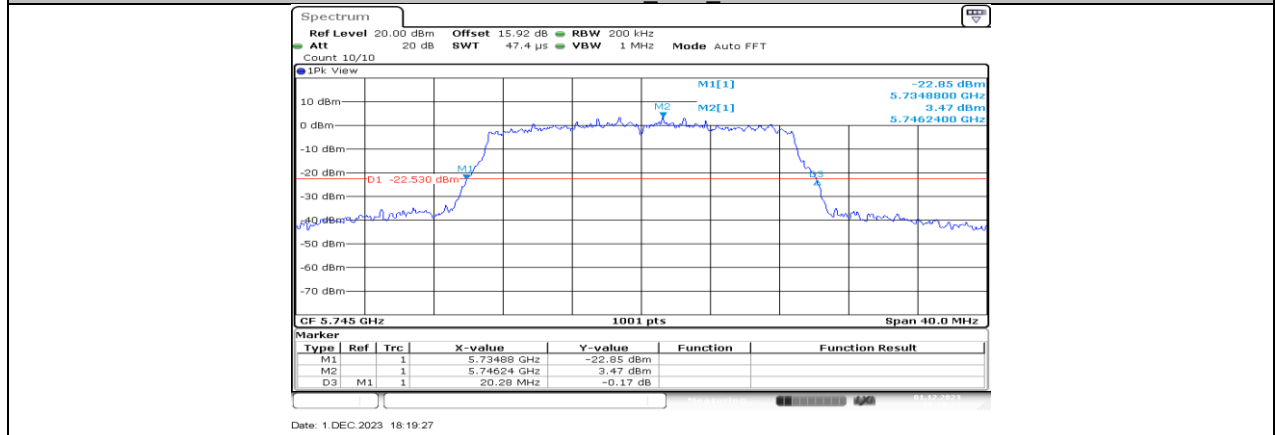




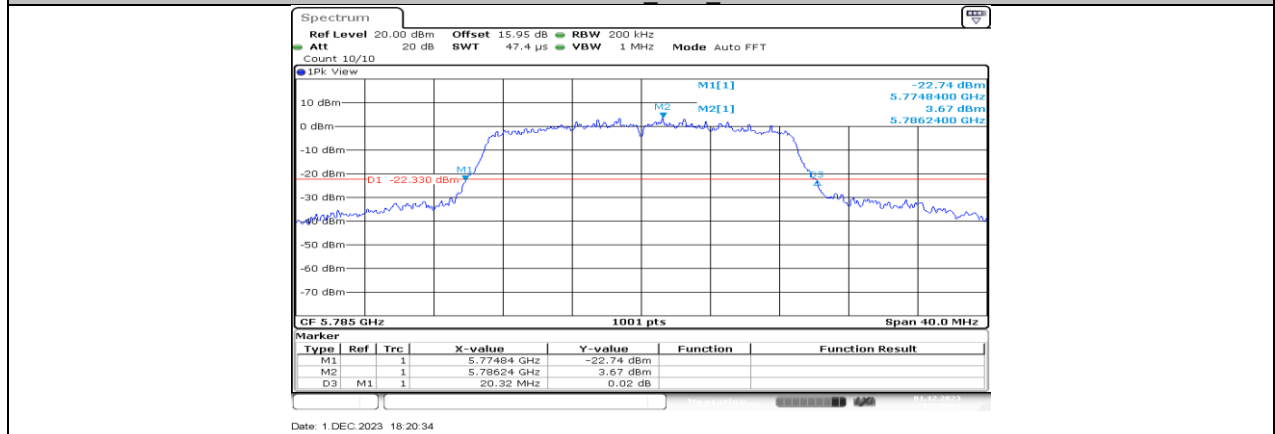
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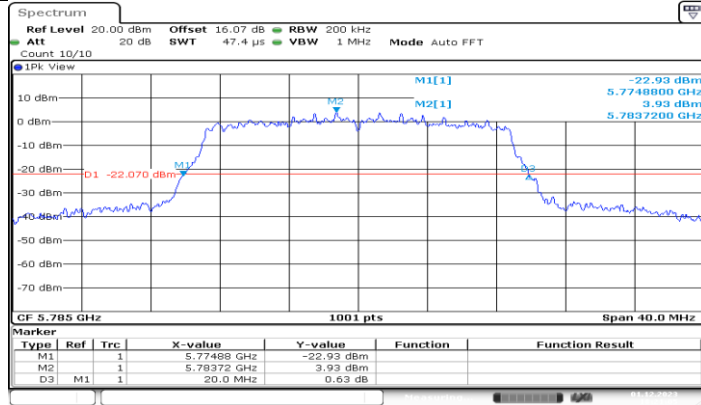
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11N20MIMO_Ant2_5745

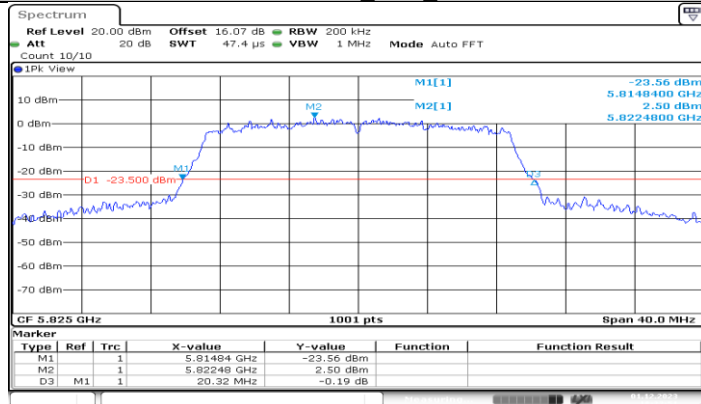


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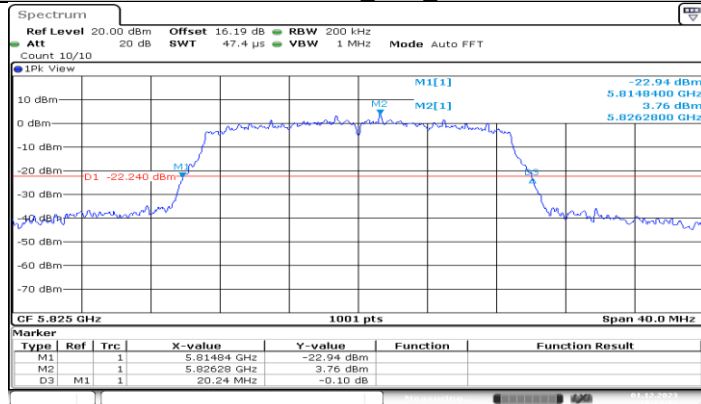
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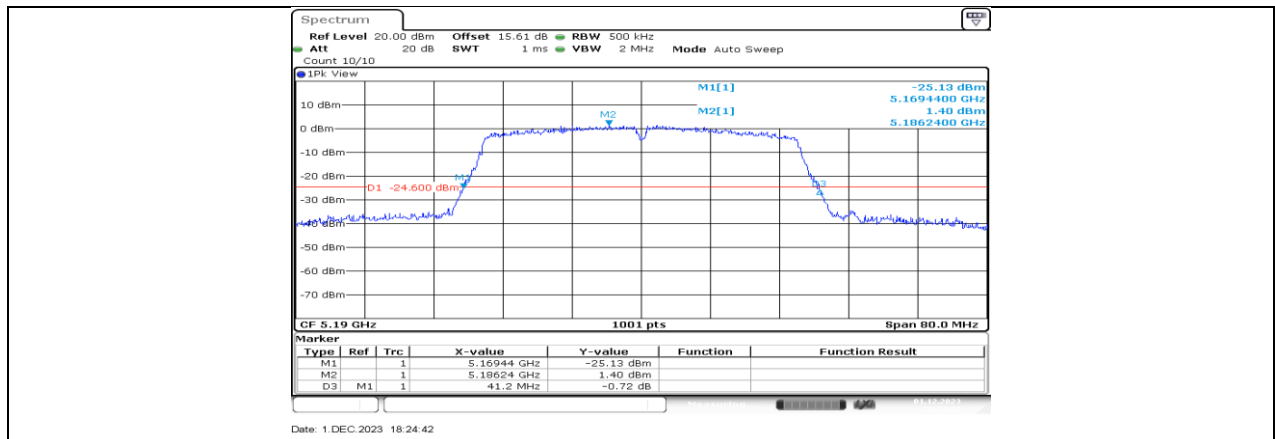
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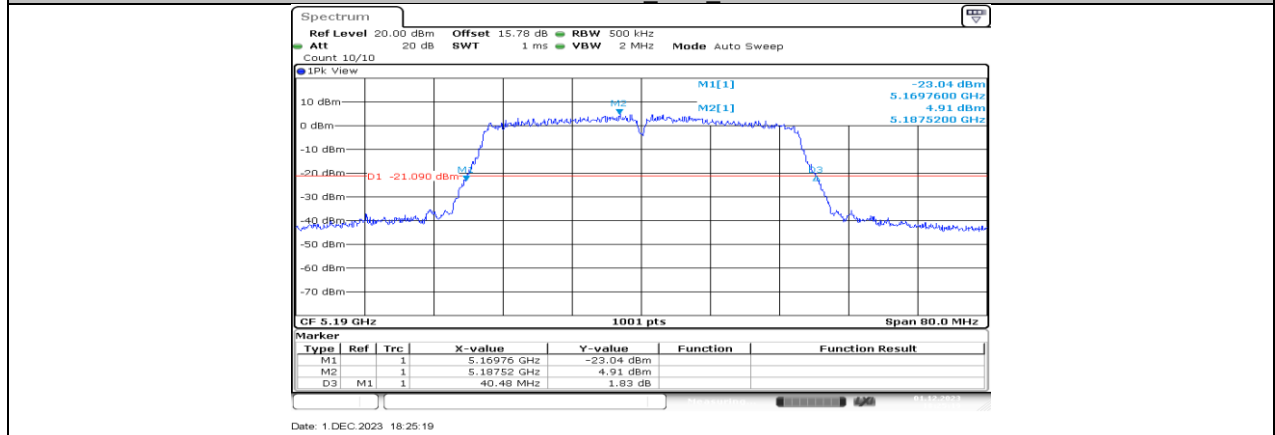


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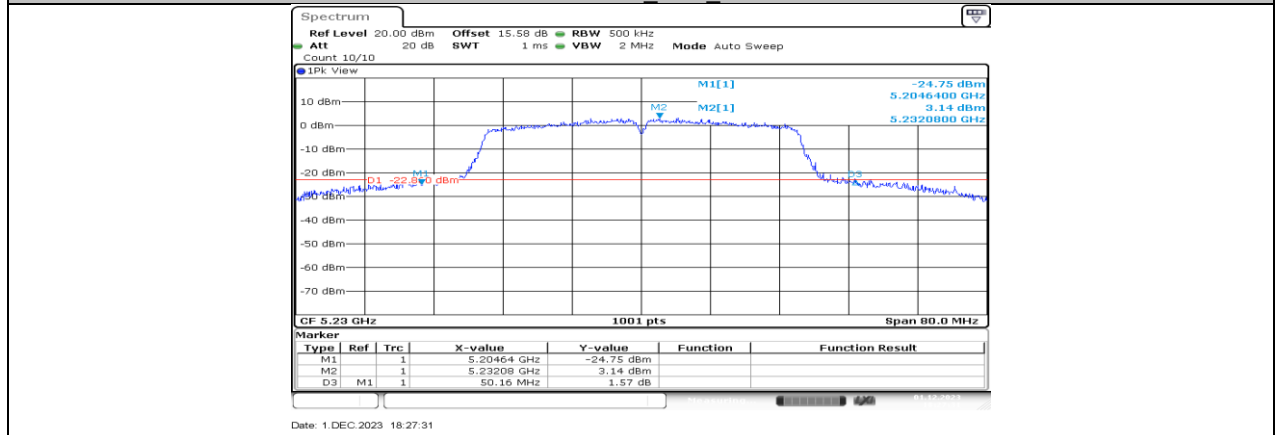
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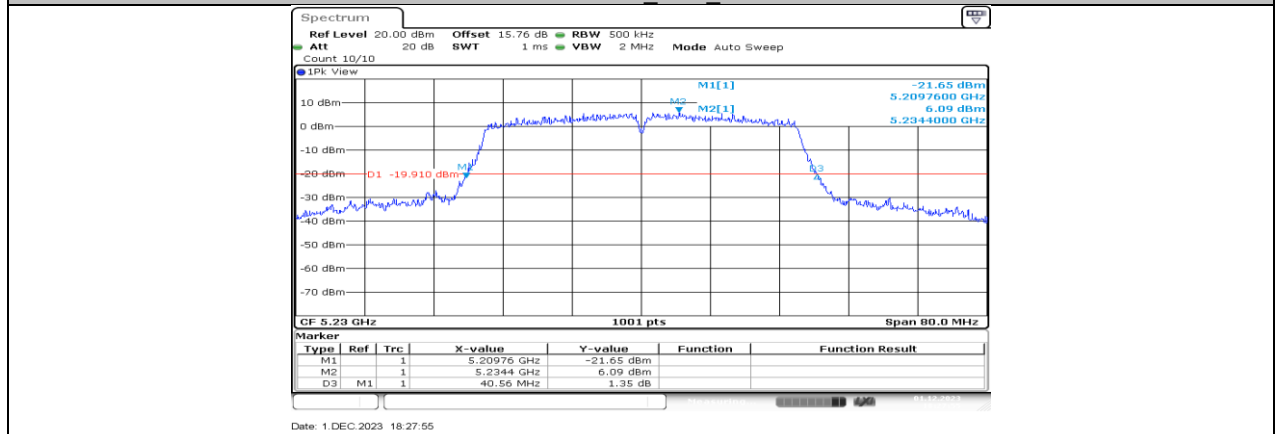
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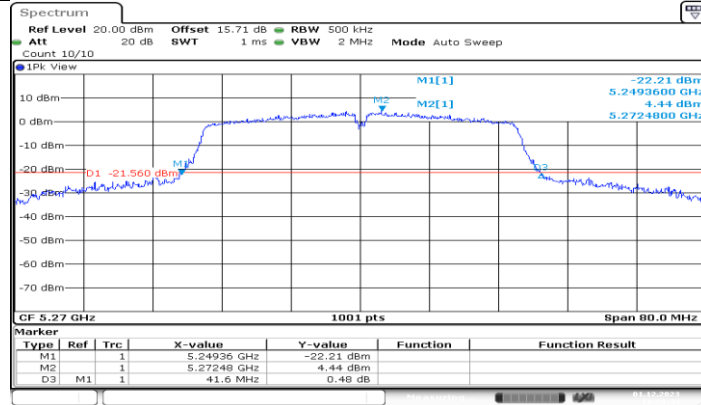
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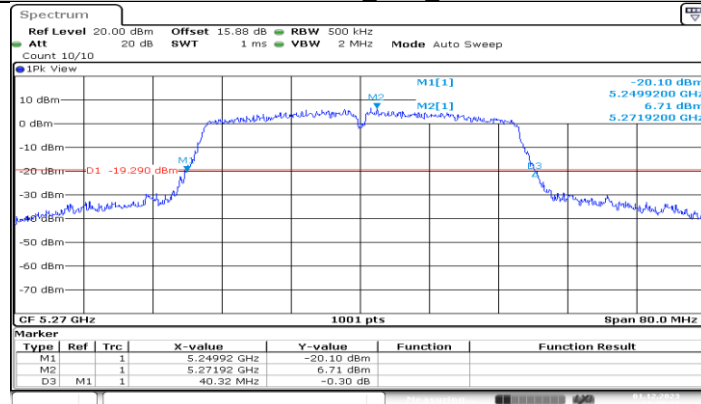


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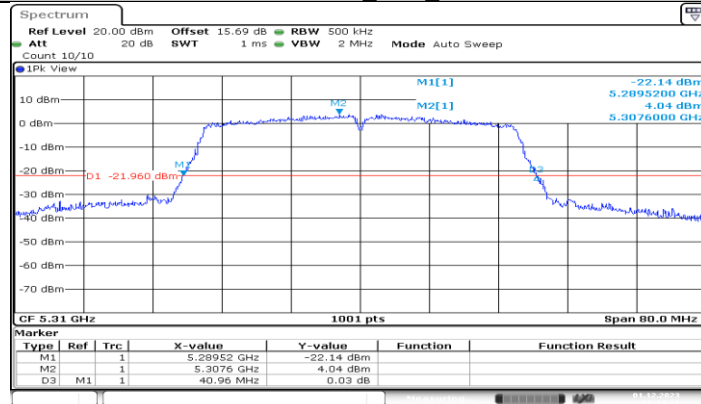
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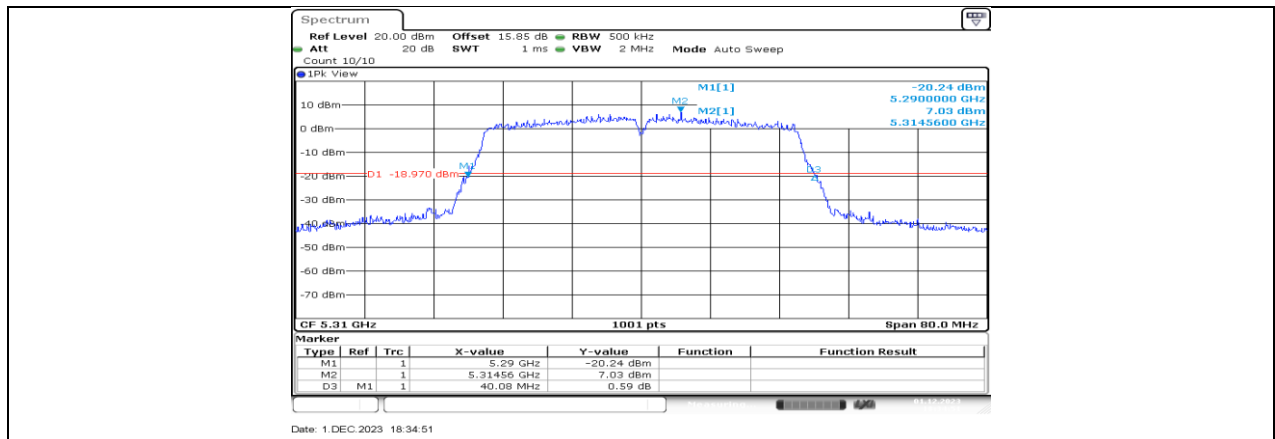
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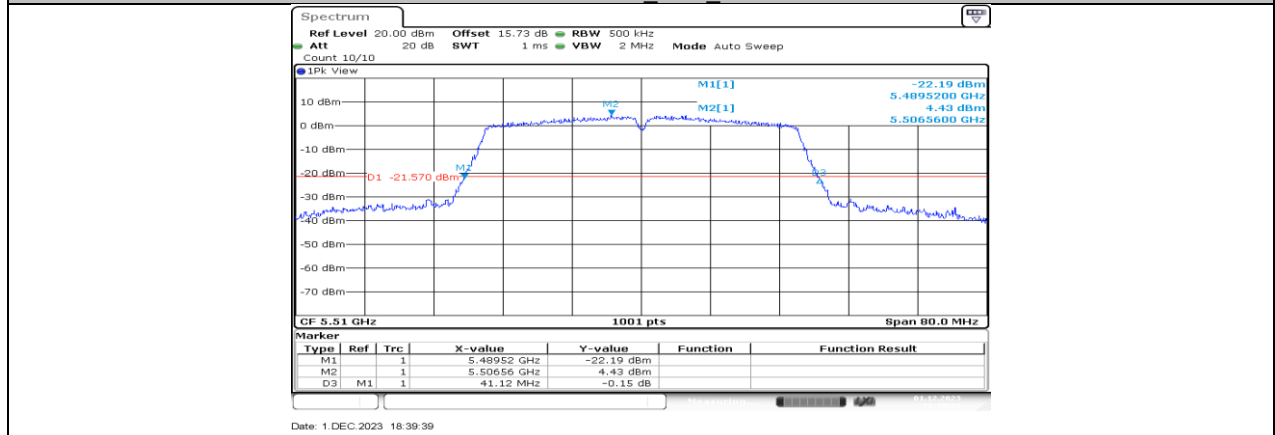


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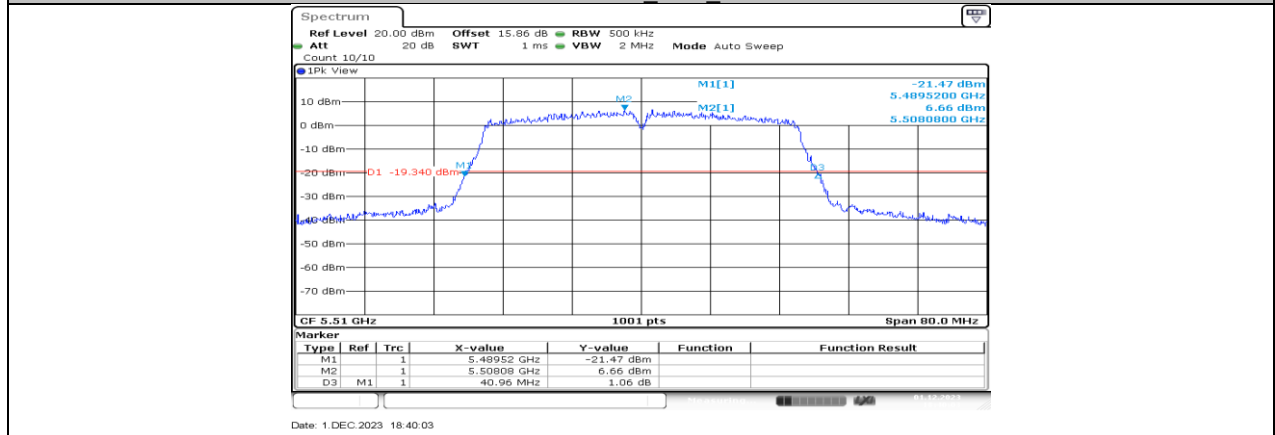
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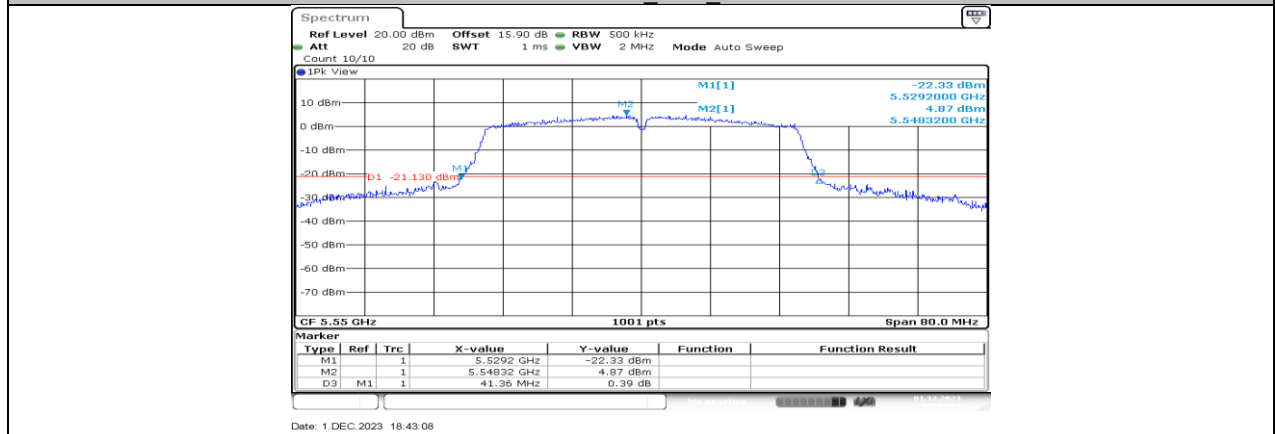
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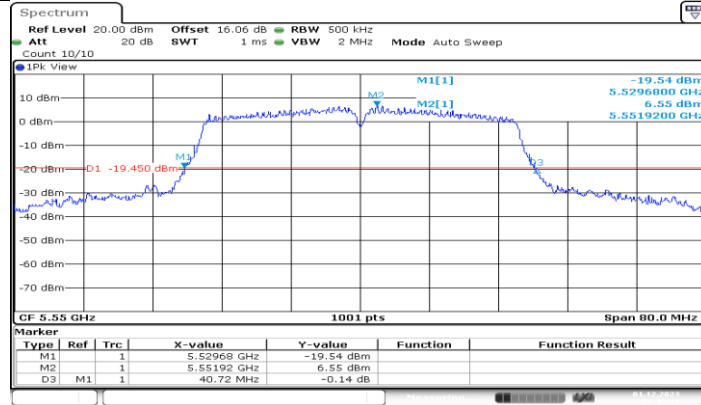
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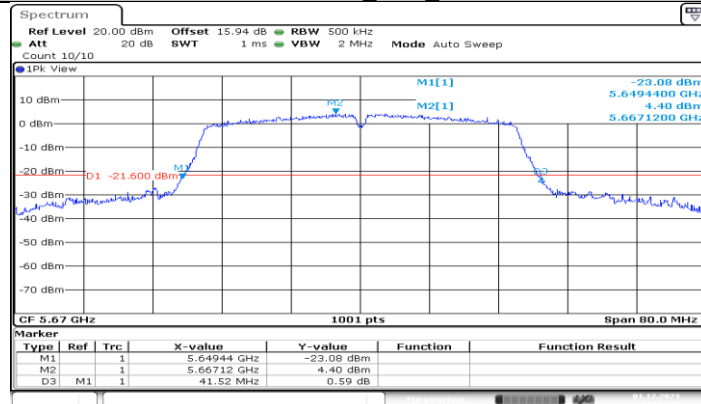


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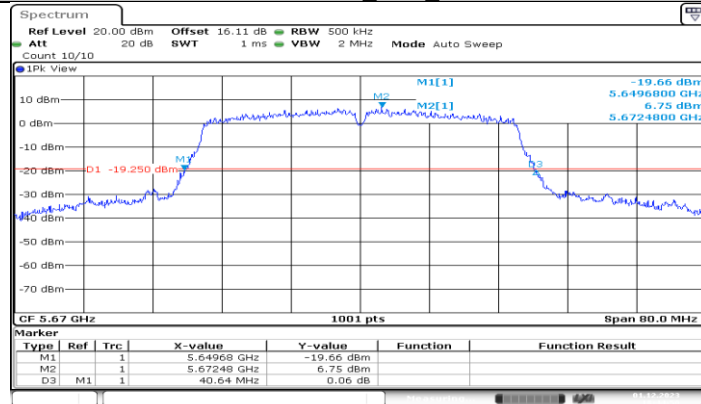
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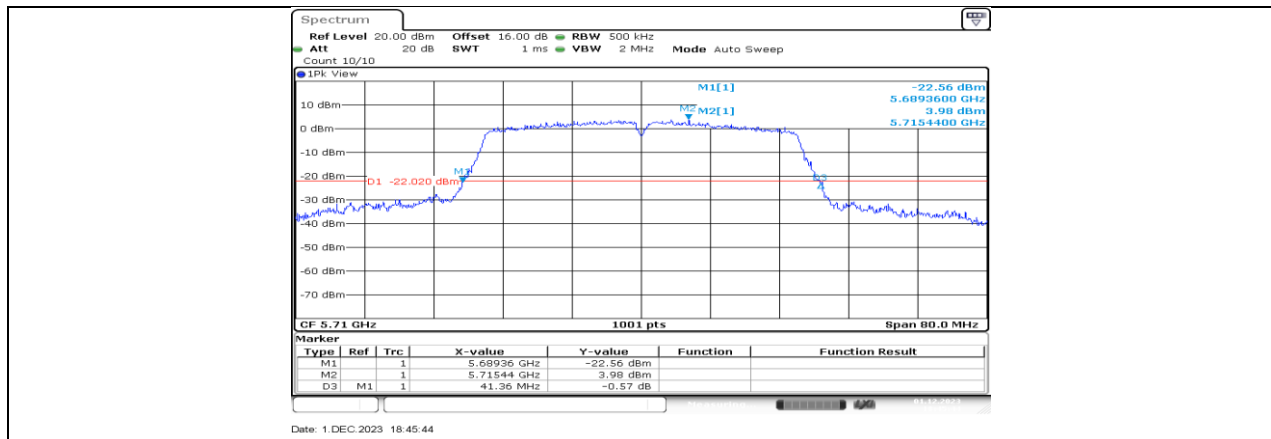
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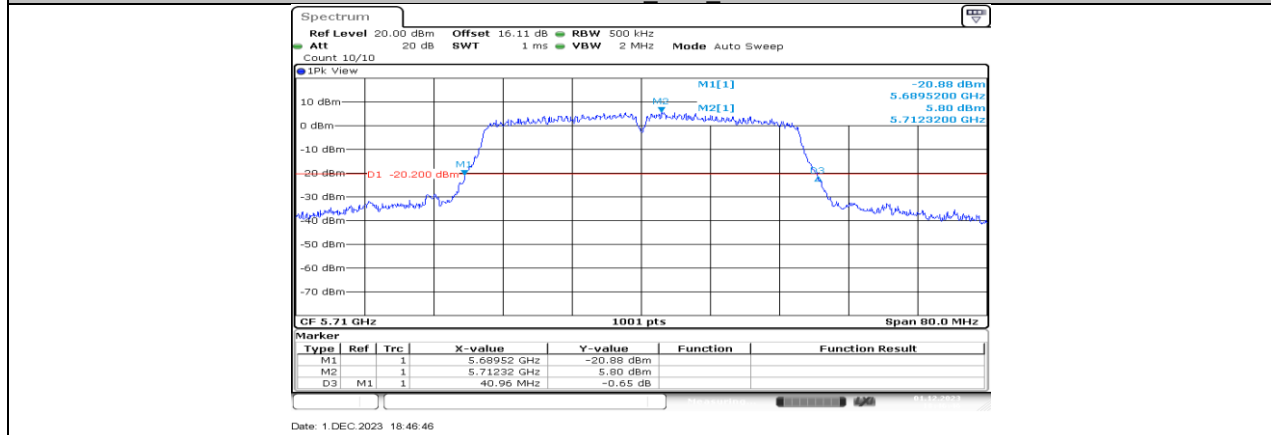


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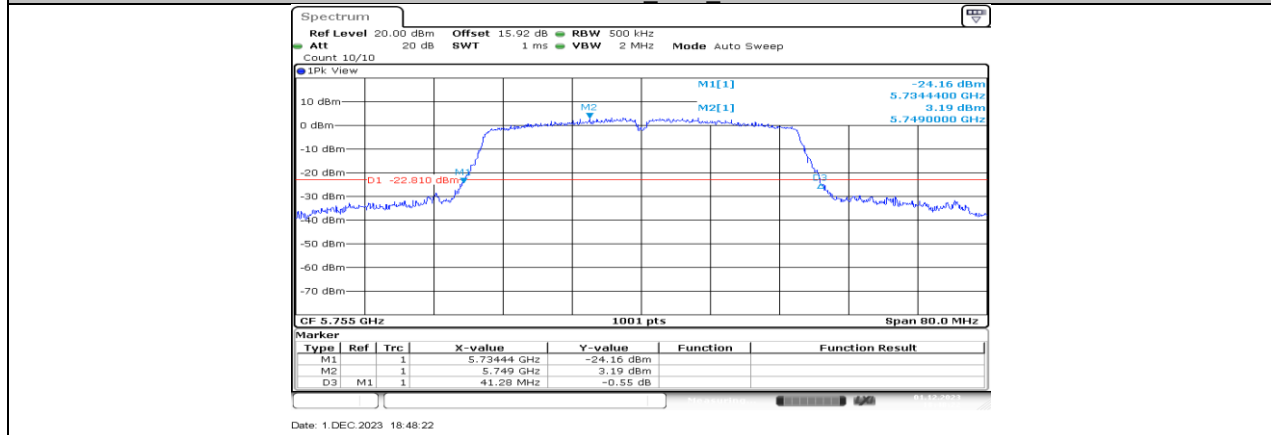
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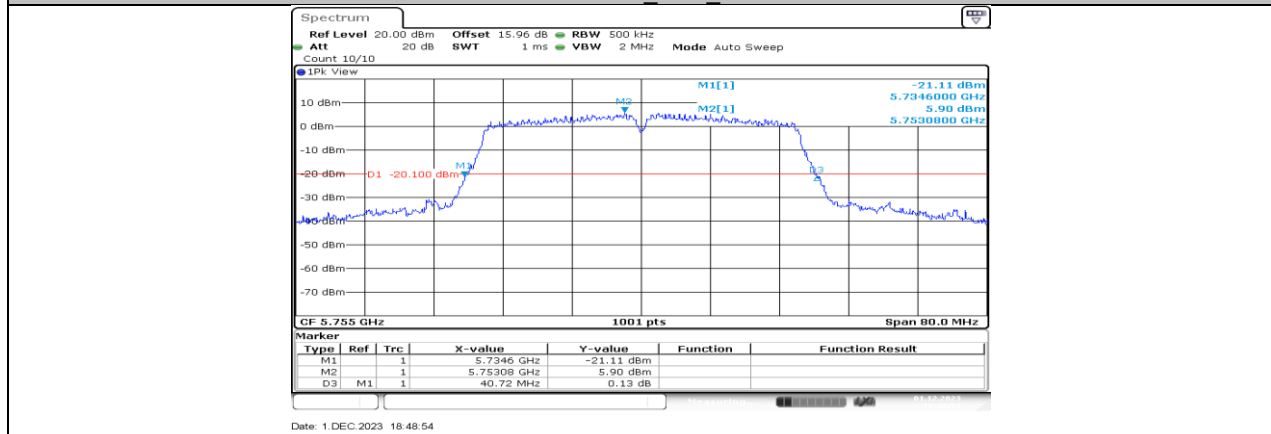
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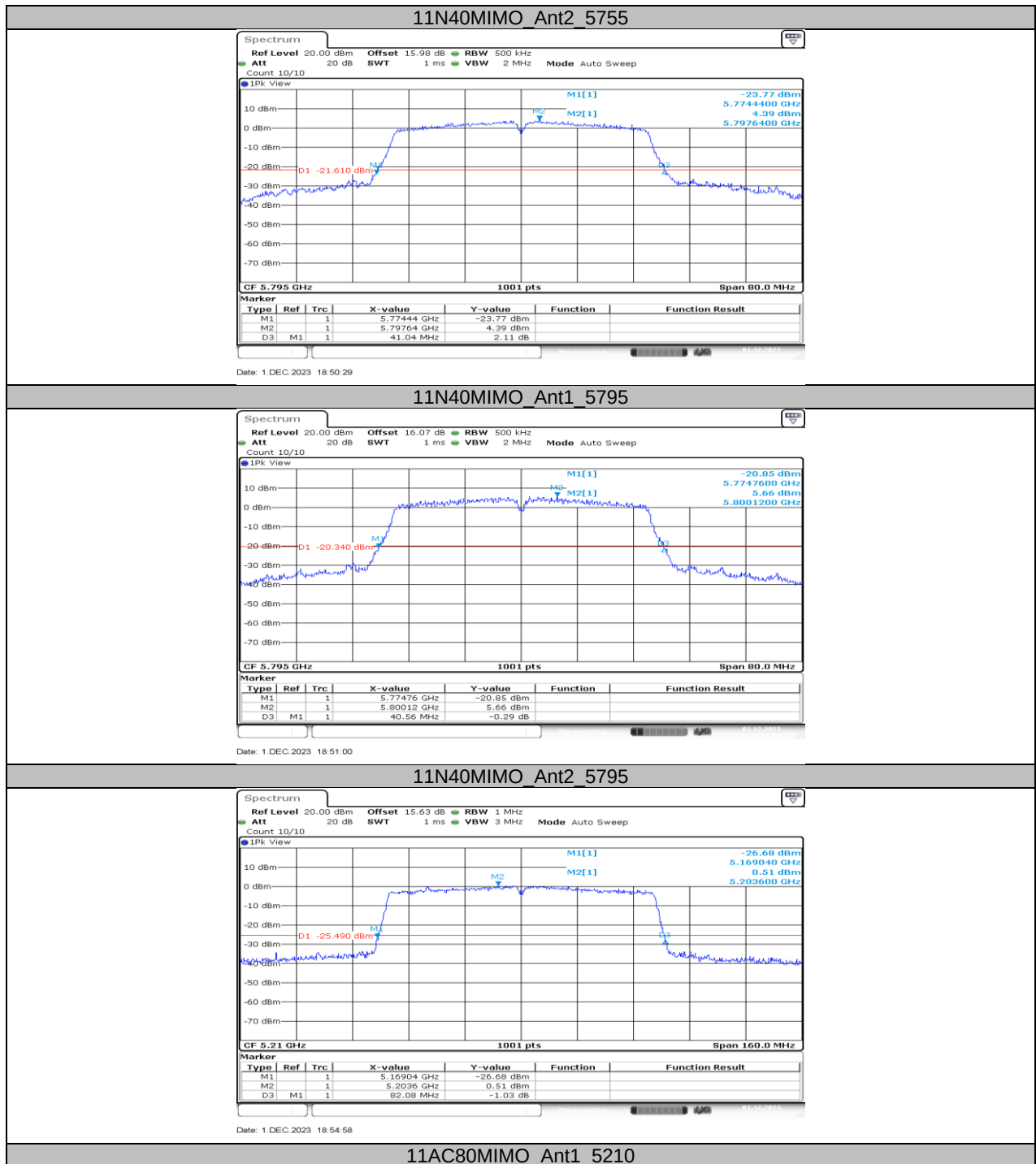


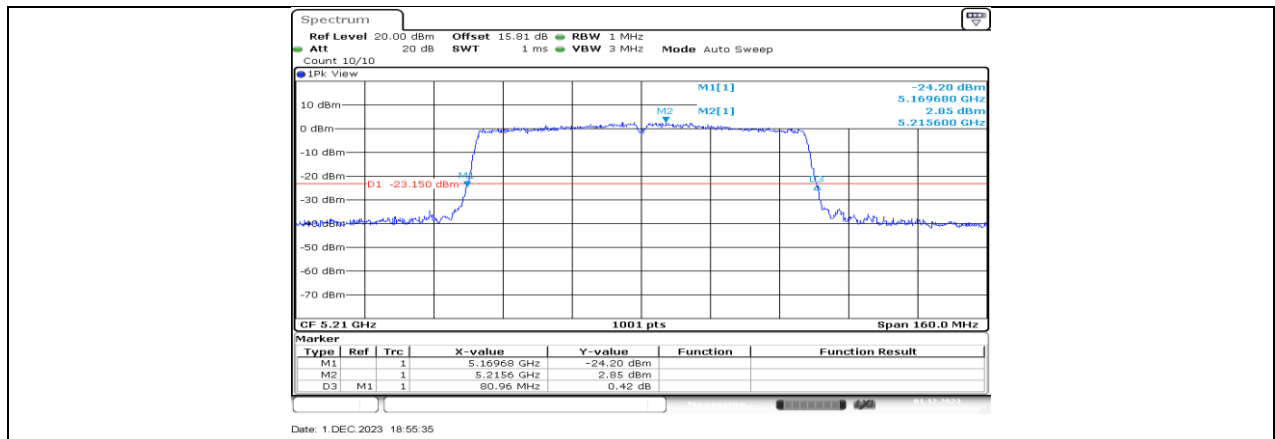
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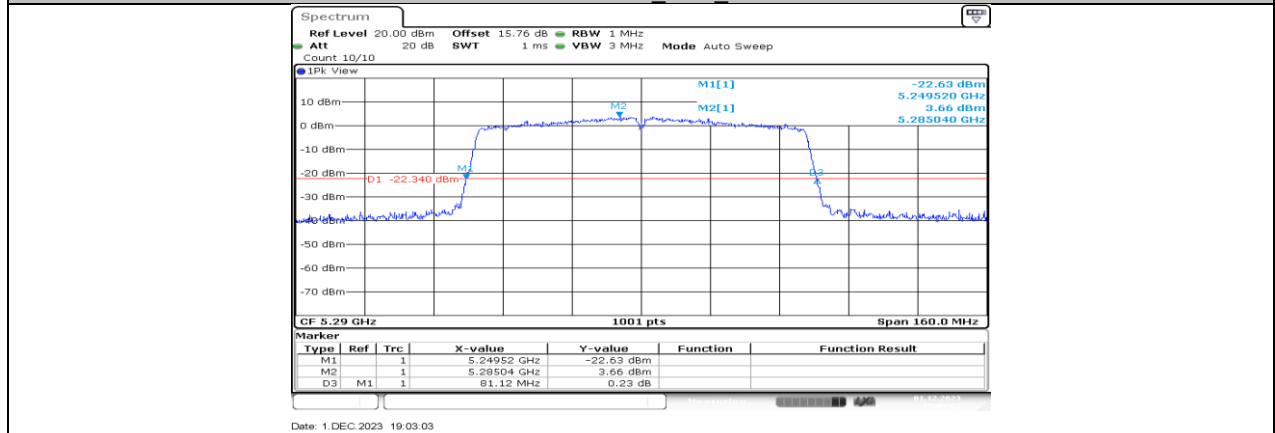
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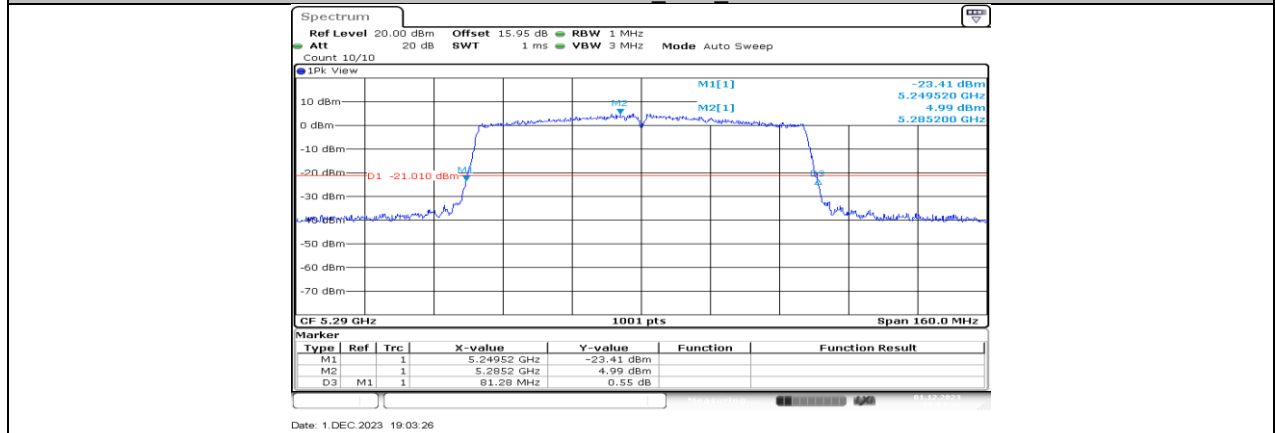




11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5290



11AC80MIMO_Ant2_5290

