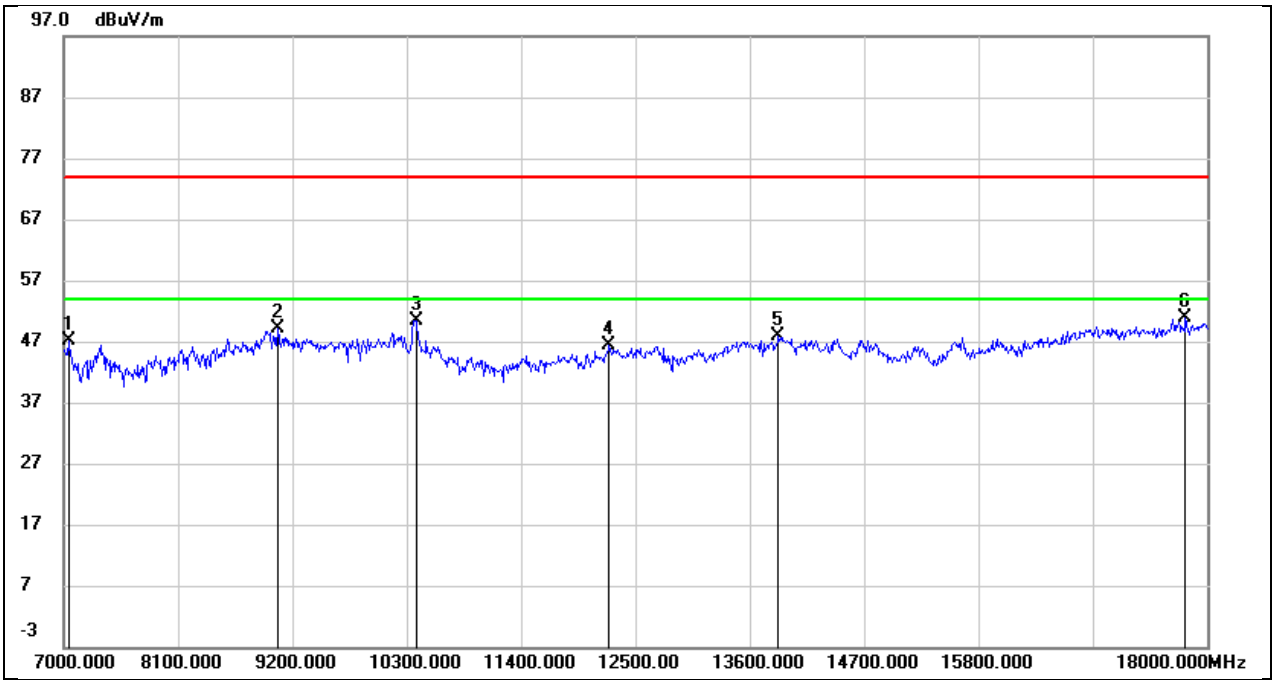
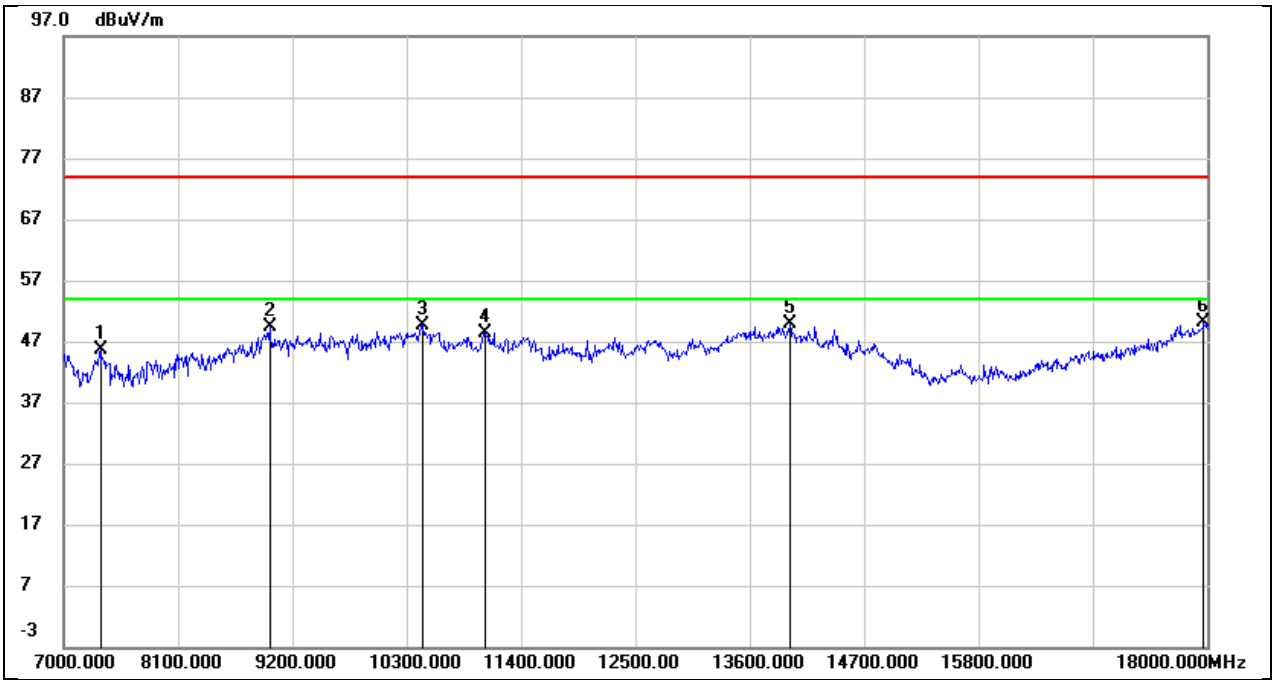
Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



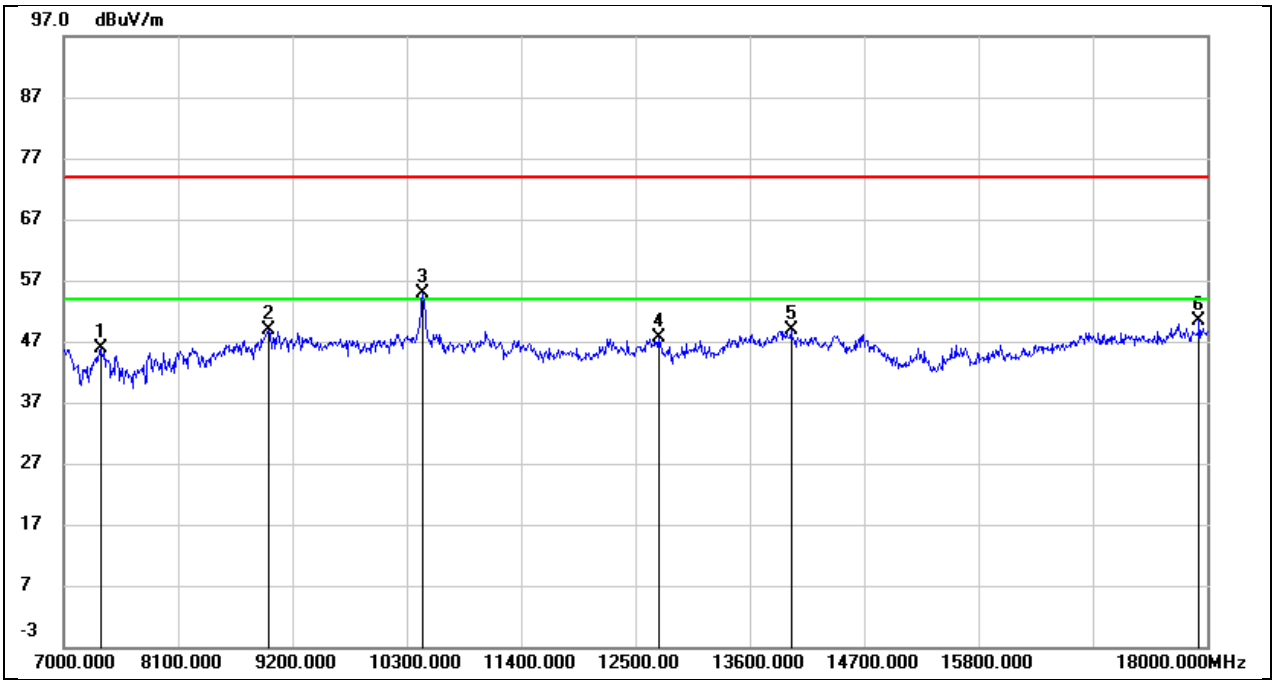
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7044.000	38.60	8.51	47.11	74.00	-26.89	peak
2	9057.000	37.36	11.81	49.17	74.00	-24.83	peak
3	10388.000	37.84	12.66	50.50	74.00	-23.50	peak
4	12247.000	29.13	17.18	46.31	74.00	-27.69	peak
5	13875.000	27.25	20.69	47.94	74.00	-26.06	peak
6	17791.000	24.98	25.90	50.88	74.00	-23.12	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



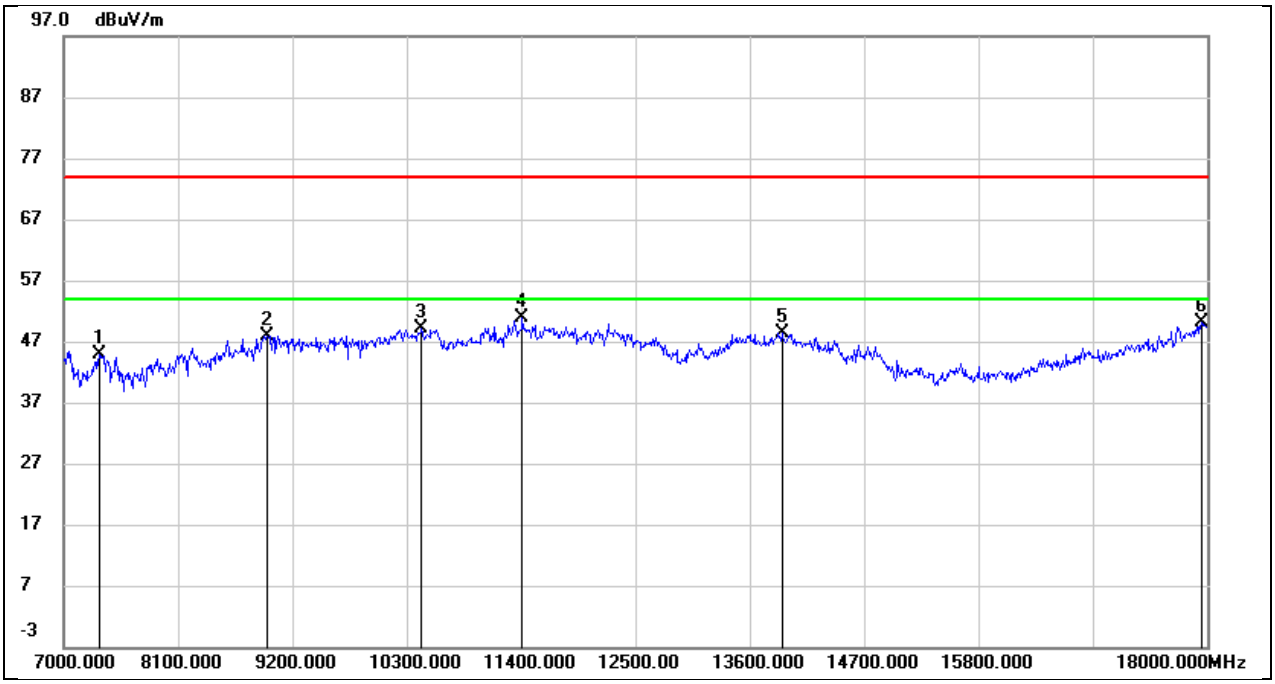
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	37.35	8.24	45.59	74.00	-28.41	peak
2	8980.000	37.68	11.67	49.35	74.00	-24.65	peak
3	10454.000	36.57	13.11	49.68	74.00	-24.32	peak
4	11048.000	33.62	14.88	48.50	74.00	-25.50	peak
5	13985.000	27.56	22.42	49.98	74.00	-24.02	peak
6	17967.000	21.77	28.28	50.05	74.00	-23.95	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



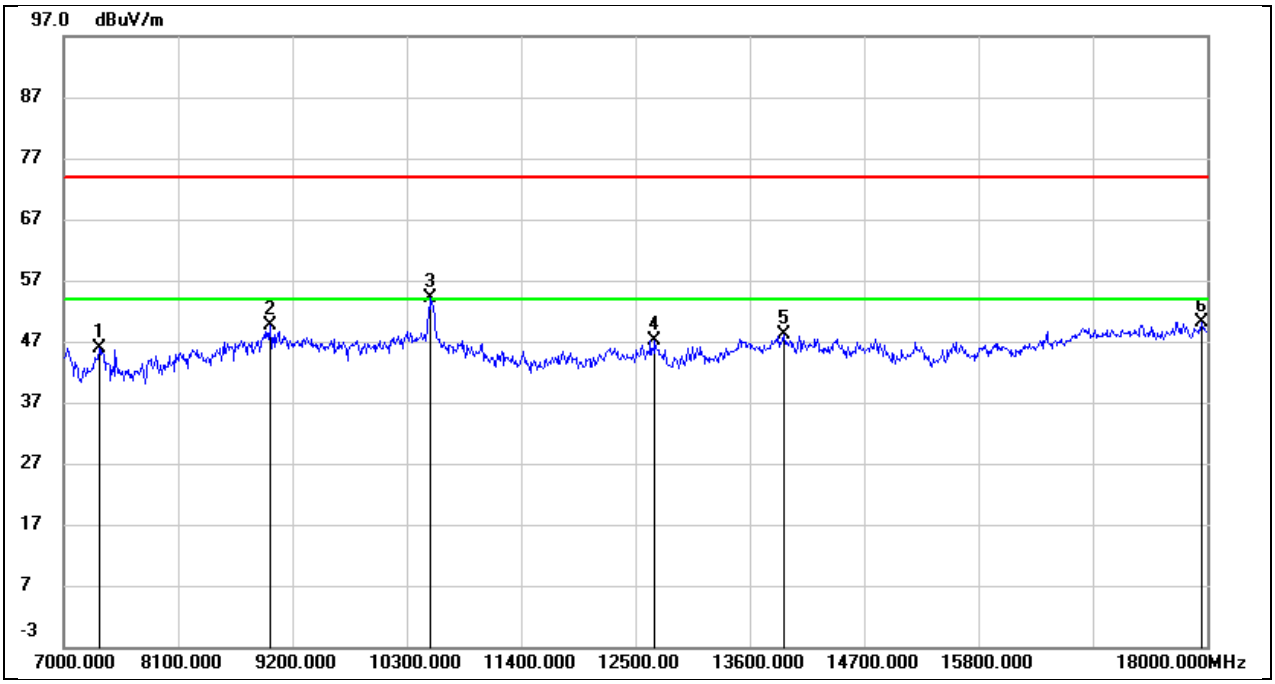
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	36.98	8.86	45.84	74.00	-28.16	peak
2	8969.000	37.01	11.92	48.93	74.00	-25.07	peak
3	10454.000	42.09	12.87	54.96	74.00	-19.04	peak
4	12720.000	30.46	17.23	47.69	74.00	-26.31	peak
5	13996.000	28.04	20.84	48.88	74.00	-25.12	peak
6	17923.000	24.35	26.15	50.50	74.00	-23.50	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



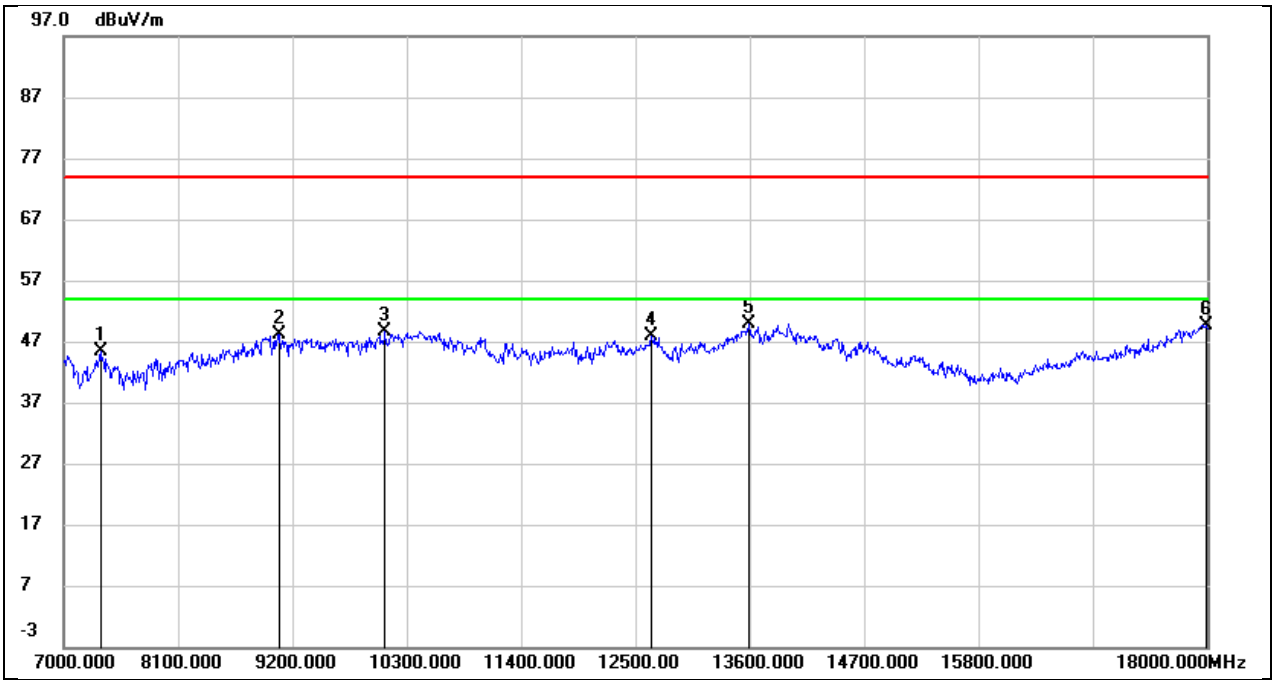
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	36.70	8.17	44.87	74.00	-29.13	peak
2	8958.000	36.56	11.34	47.90	74.00	-26.10	peak
3	10443.000	35.94	13.10	49.04	74.00	-24.96	peak
4	11411.000	34.65	16.33	50.98	74.00	-23.02	peak
5	13908.000	26.14	22.35	48.49	74.00	-25.51	peak
6	17945.000	22.02	28.15	50.17	74.00	-23.83	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



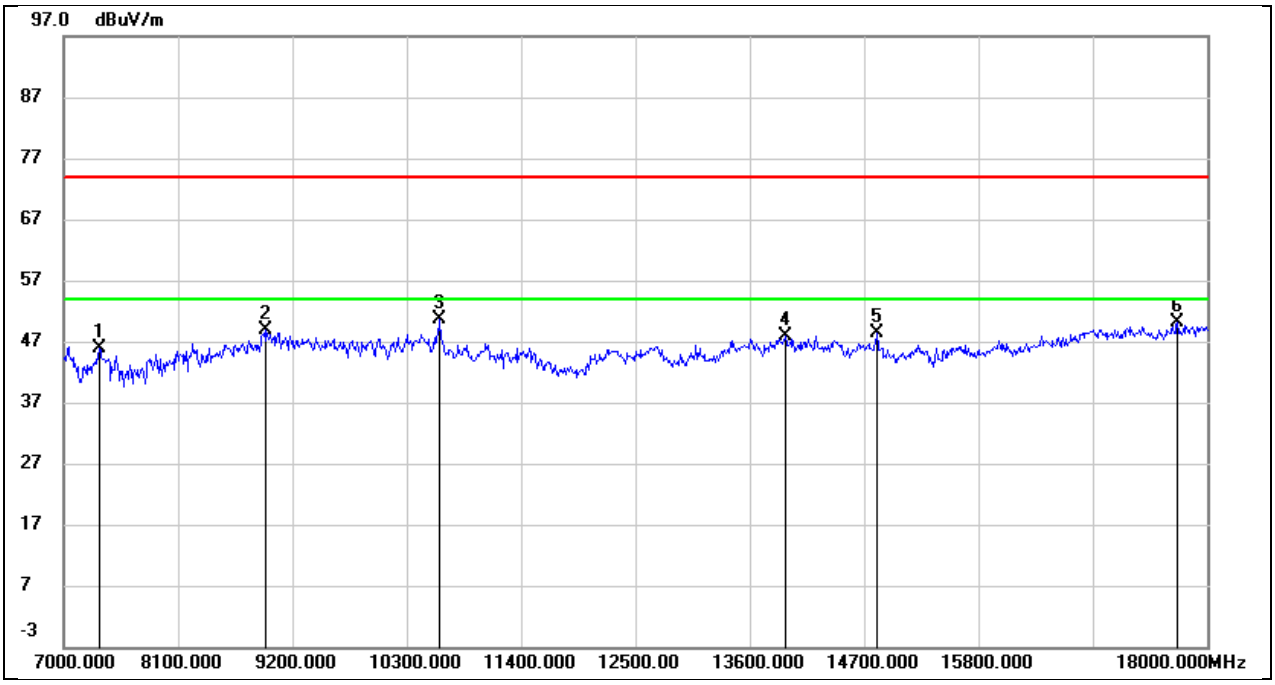
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	37.00	8.79	45.79	74.00	-28.21	peak
2	8991.000	37.37	12.23	49.60	74.00	-24.40	peak
3	10531.000	41.06	13.06	54.12	74.00	-19.88	peak
4	12687.000	29.98	17.16	47.14	74.00	-26.86	peak
5	13930.000	27.39	20.76	48.15	74.00	-25.85	peak
6	17945.000	23.90	26.19	50.09	74.00	-23.91	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



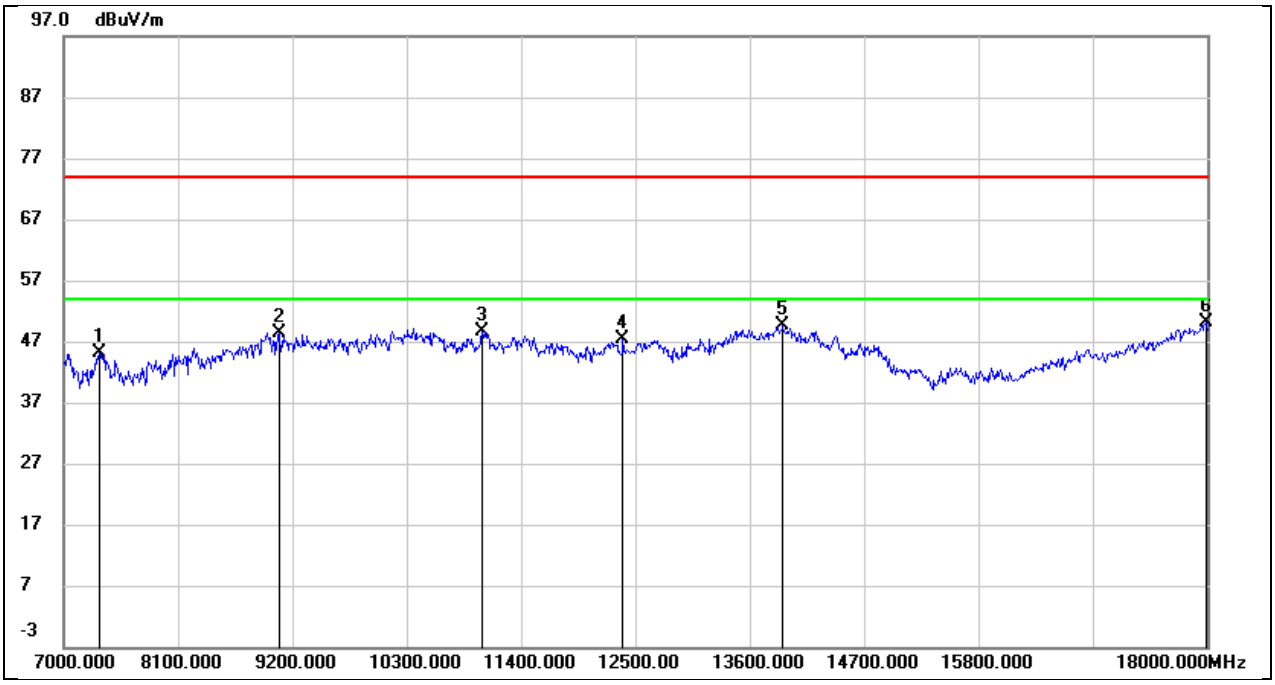
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	37.10	8.24	45.34	74.00	-28.66	peak
2	9068.000	36.72	11.35	48.07	74.00	-25.93	peak
3	10091.000	36.47	12.27	48.74	74.00	-25.26	peak
4	12654.000	29.74	18.08	47.82	74.00	-26.18	peak
5	13589.000	28.78	21.15	49.93	74.00	-24.07	peak
6	17989.000	21.32	28.41	49.73	74.00	-24.27	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



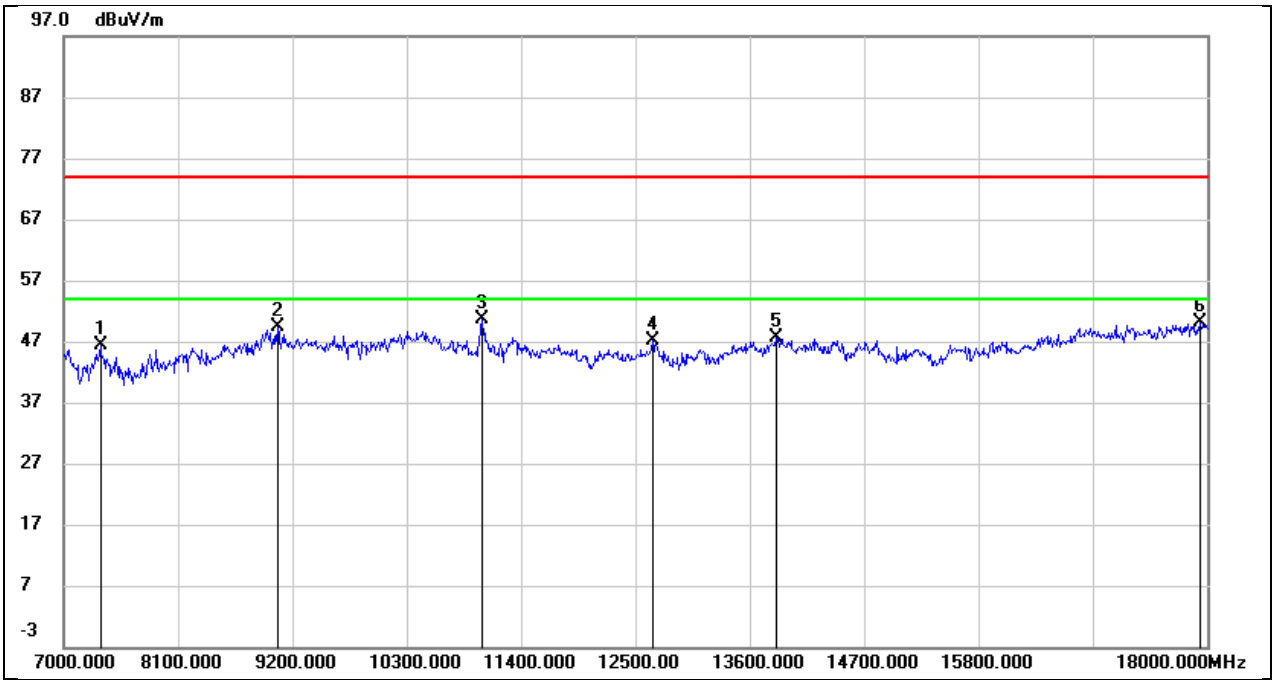
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	37.20	8.79	45.99	74.00	-28.01	peak
2	8936.000	37.52	11.44	48.96	74.00	-25.04	peak
3	10619.000	37.55	13.18	50.73	74.00	-23.27	peak
4	13941.000	27.10	20.77	47.87	74.00	-26.13	peak
5	14821.000	28.73	19.63	48.36	74.00	-25.64	peak
6	17714.000	24.78	25.24	50.02	74.00	-23.98	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



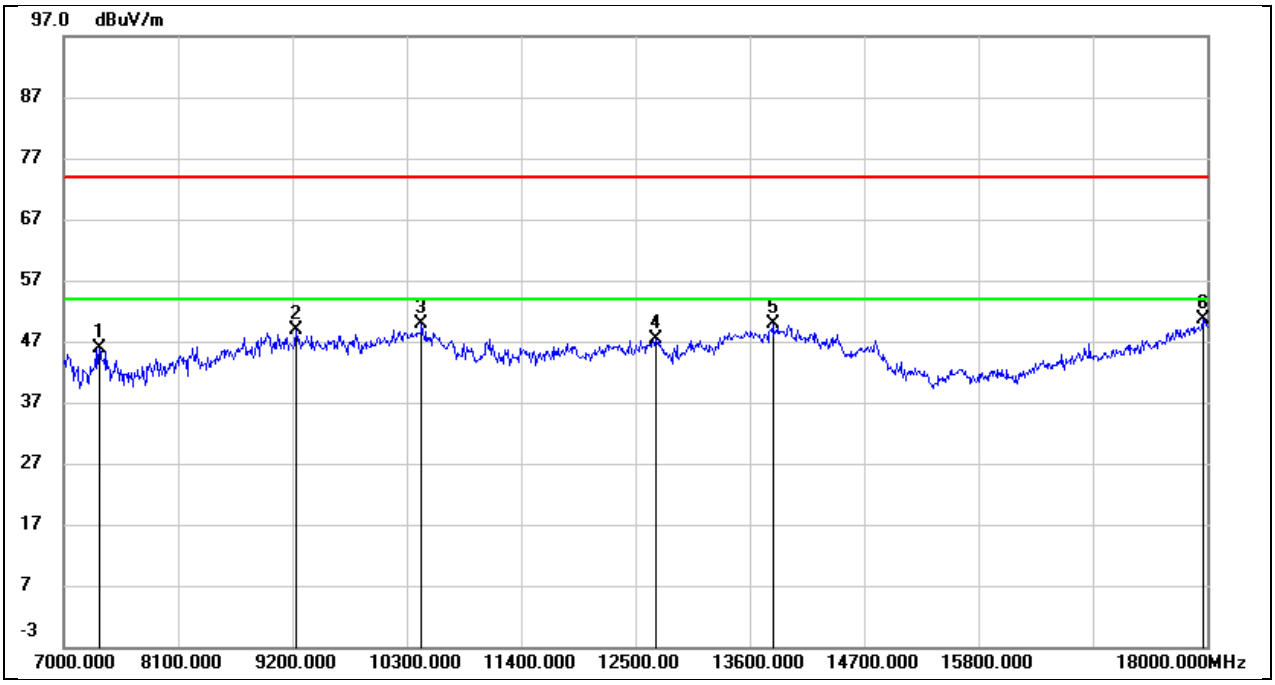
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	37.05	8.17	45.22	74.00	-28.78	peak
2	9068.000	37.08	11.35	48.43	74.00	-25.57	peak
3	11026.000	33.82	14.84	48.66	74.00	-25.34	peak
4	12379.000	28.78	18.49	47.27	74.00	-26.73	peak
5	13919.000	27.17	22.36	49.53	74.00	-24.47	peak
6	17989.000	21.68	28.41	50.09	74.00	-23.91	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



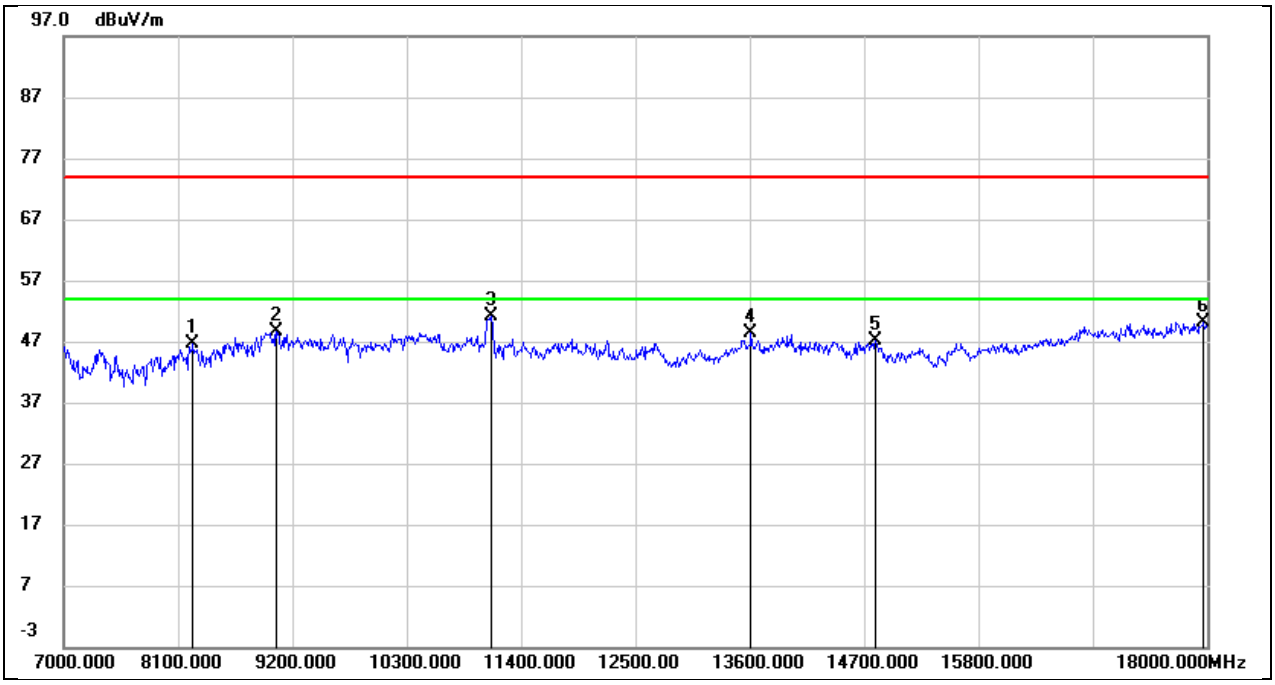
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	37.56	8.86	46.42	74.00	-27.58	peak
2	9057.000	37.48	11.81	49.29	74.00	-24.71	peak
3	11026.000	36.67	14.00	50.67	74.00	-23.33	peak
4	12665.000	30.08	17.11	47.19	74.00	-26.81	peak
5	13853.000	26.84	20.67	47.51	74.00	-26.49	peak
6	17934.000	23.97	26.18	50.15	74.00	-23.85	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



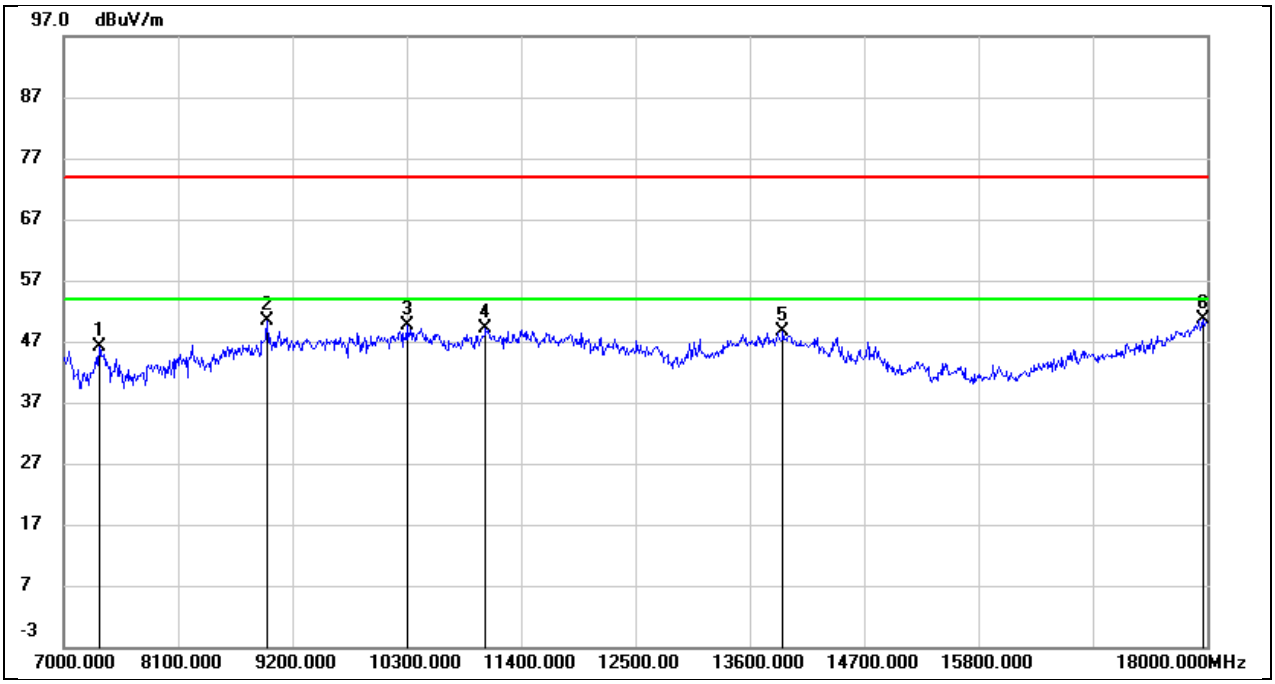
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	37.59	8.17	45.76	74.00	-28.24	peak
2	9233.000	38.59	10.24	48.83	74.00	-25.17	peak
3	10443.000	36.84	13.10	49.94	74.00	-24.06	peak
4	12698.000	29.17	18.20	47.37	74.00	-26.63	peak
5	13820.000	27.51	22.26	49.77	74.00	-24.23	peak
6	17956.000	22.48	28.21	50.69	74.00	-23.31	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



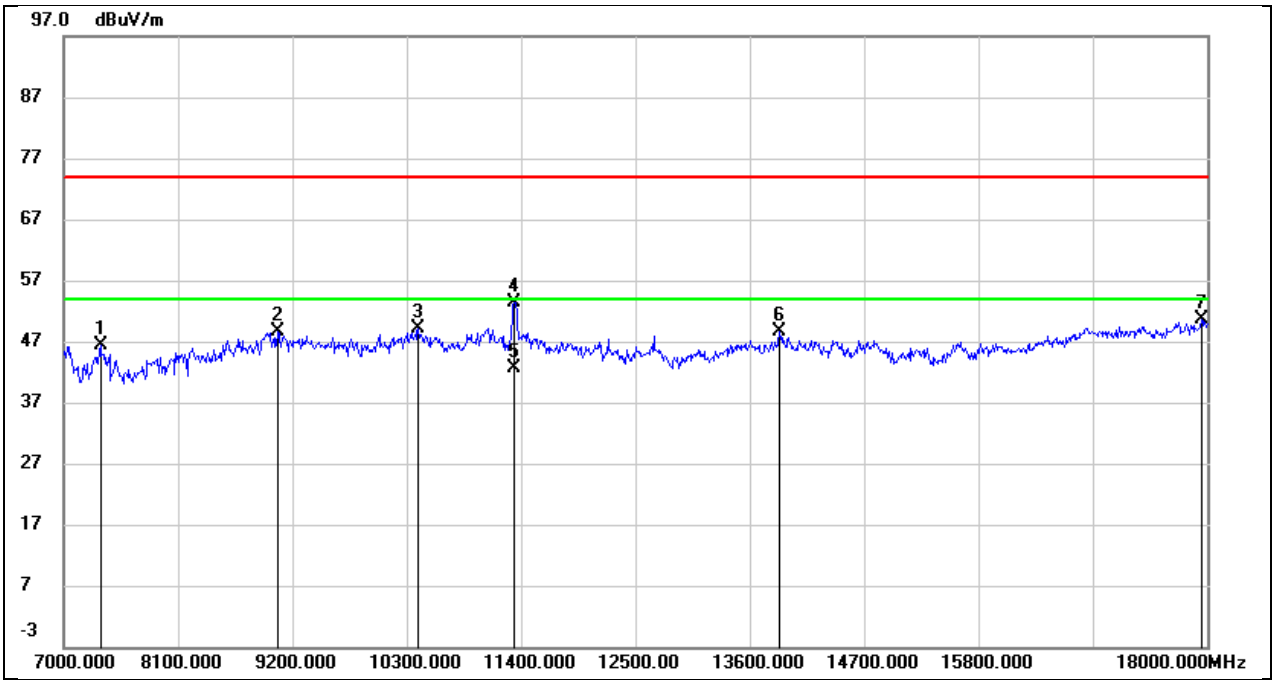
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8243.000	37.57	9.09	46.66	74.00	-27.34	peak
2	9046.000	36.81	11.91	48.72	74.00	-25.28	peak
3	11114.000	37.03	14.04	51.07	74.00	-22.93	peak
4	13611.000	28.79	19.54	48.33	74.00	-25.67	peak
5	14810.000	27.43	19.67	47.10	74.00	-26.90	peak
6	17967.000	23.92	26.22	50.14	74.00	-23.86	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



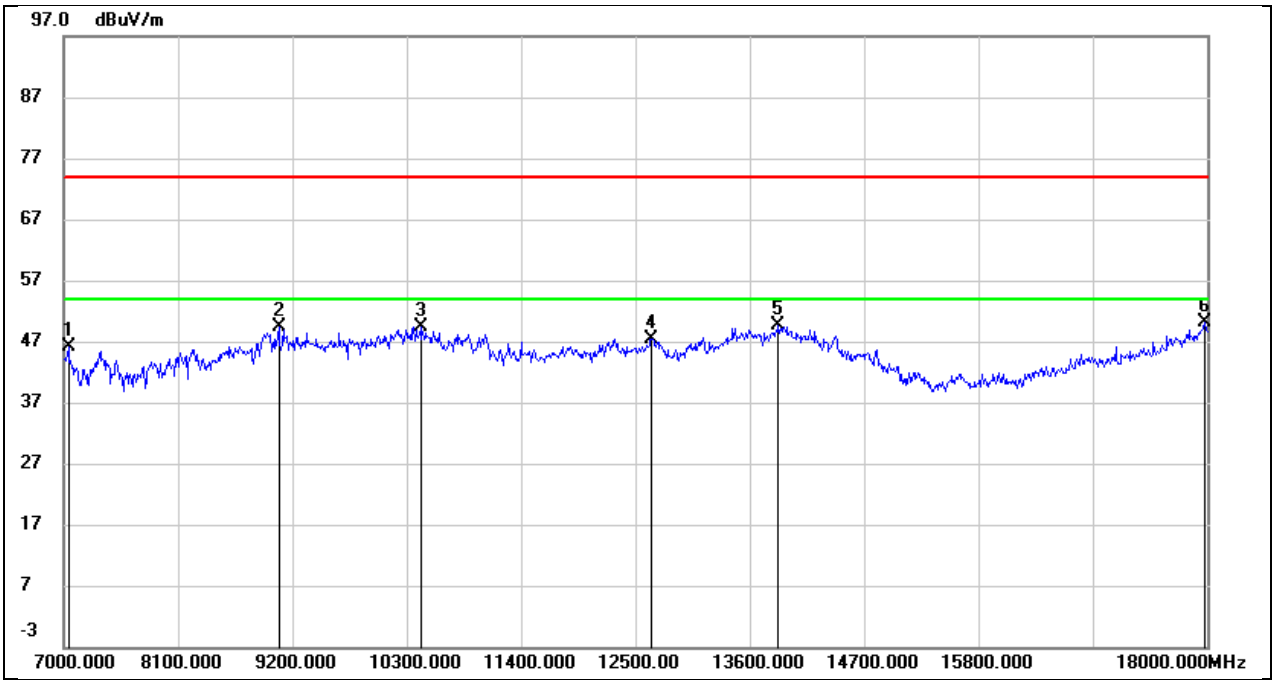
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	38.06	8.17	46.23	74.00	-27.77	peak
2	8958.000	38.97	11.34	50.31	74.00	-23.69	peak
3	10300.000	37.04	12.64	49.68	74.00	-24.32	peak
4	11059.000	34.17	14.90	49.07	74.00	-24.93	peak
5	13919.000	26.39	22.36	48.75	74.00	-25.25	peak
6	17956.000	22.53	28.21	50.74	74.00	-23.26	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



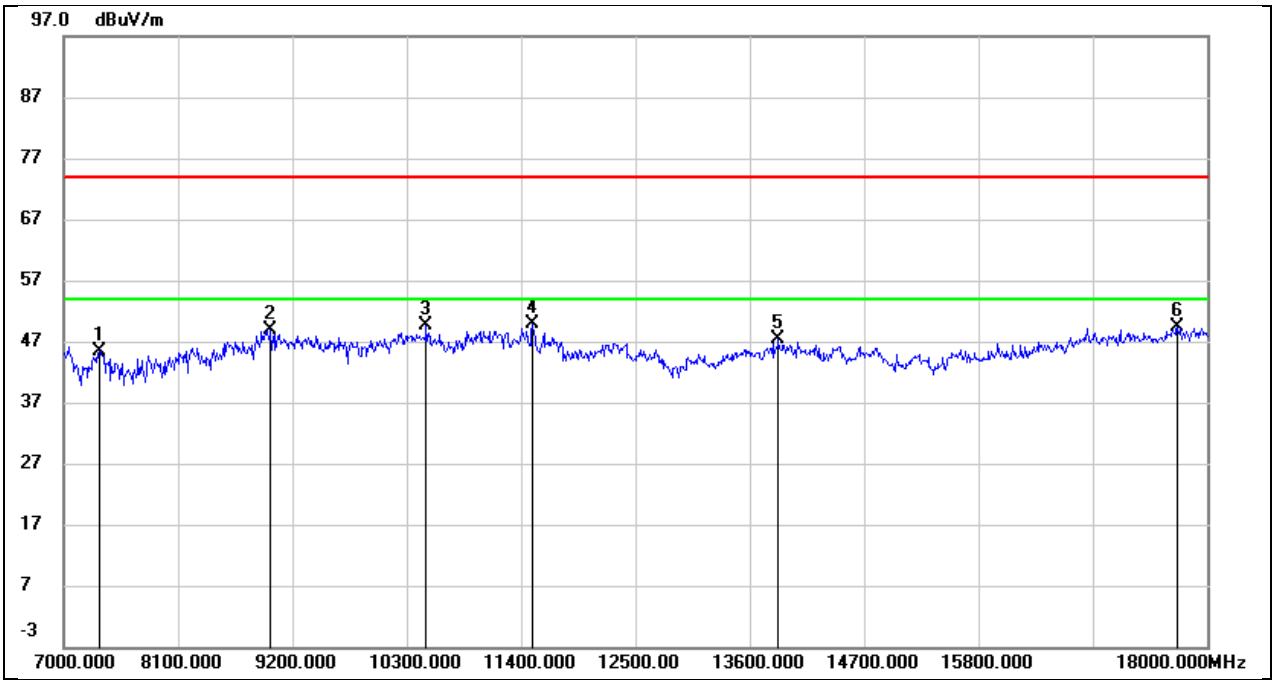
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	37.61	8.86	46.47	74.00	-27.53	peak
2	9057.000	36.78	11.81	48.59	74.00	-25.41	peak
3	10410.000	36.36	12.74	49.10	74.00	-24.90	peak
4	11334.000	38.82	14.66	53.48	74.00	-20.52	peak
5	11334.000	28.04	14.66	42.70	54.00	-11.30	AVG
6	13886.000	27.93	20.71	48.64	74.00	-25.36	peak
7	17945.000	24.32	26.19	50.51	74.00	-23.49	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



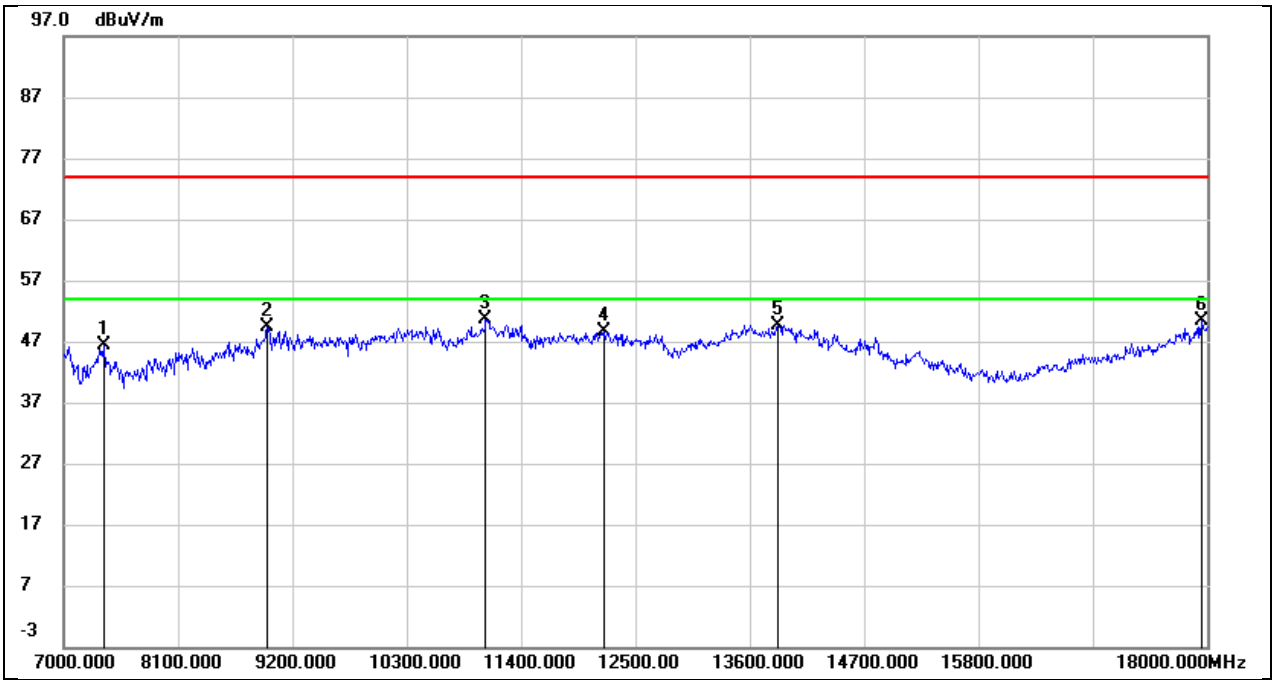
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7044.000	38.51	7.64	46.15	74.00	-27.85	peak
2	9068.000	37.99	11.35	49.34	74.00	-24.66	peak
3	10432.000	36.28	13.07	49.35	74.00	-24.65	peak
4	12654.000	29.40	18.08	47.48	74.00	-26.52	peak
5	13875.000	27.33	22.31	49.64	74.00	-24.36	peak
6	17978.000	21.79	28.34	50.13	74.00	-23.87	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



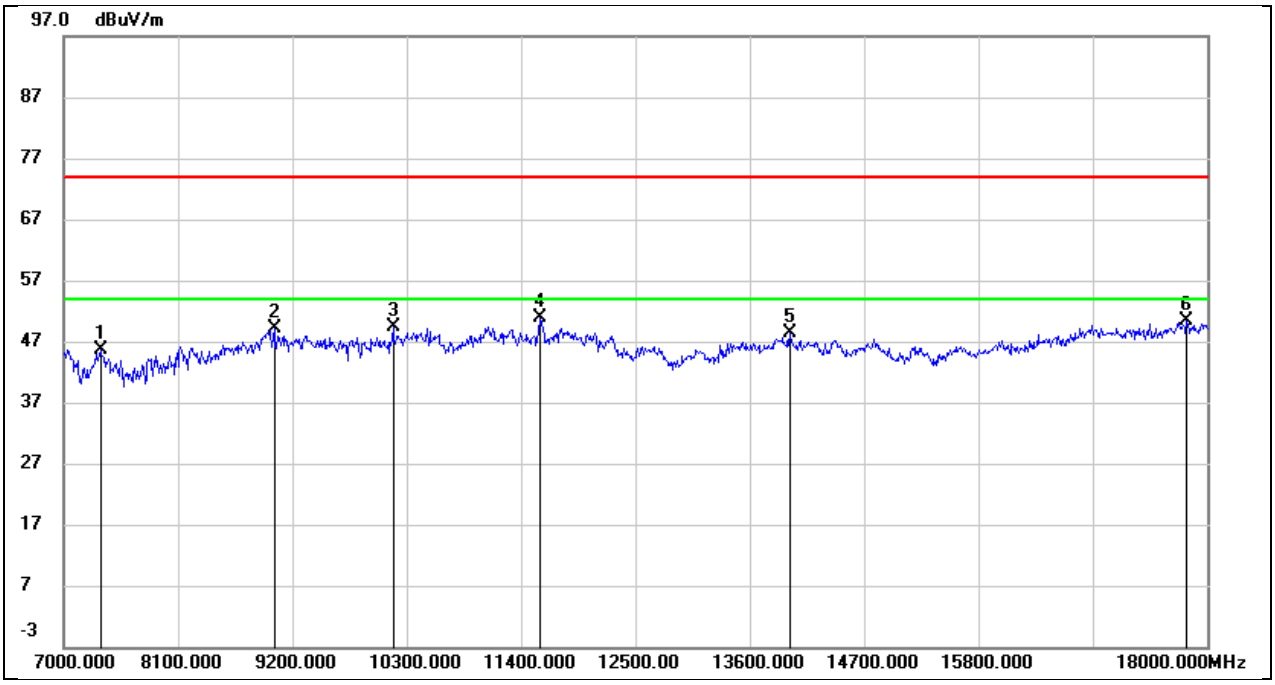
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	36.70	8.79	45.49	74.00	-28.51	peak
2	8991.000	36.69	12.23	48.92	74.00	-25.08	peak
3	10487.000	36.69	12.96	49.65	74.00	-24.35	peak
4	11510.000	34.82	15.10	49.92	74.00	-24.08	peak
5	13875.000	26.67	20.69	47.36	74.00	-26.64	peak
6	17714.000	24.17	25.24	49.41	74.00	-24.59	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



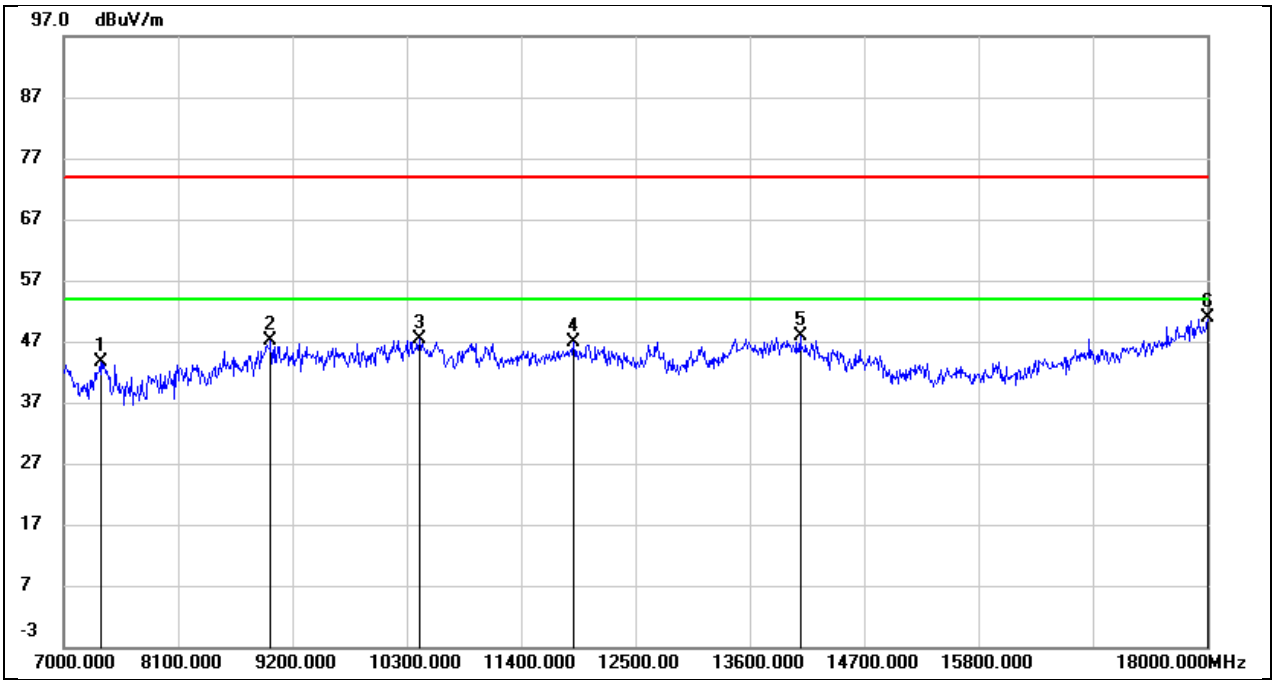
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7385.000	37.77	8.52	46.29	74.00	-27.71	peak
2	8958.000	37.99	11.34	49.33	74.00	-24.67	peak
3	11059.000	35.77	14.90	50.67	74.00	-23.33	peak
4	12192.000	30.45	18.06	48.51	74.00	-25.49	peak
5	13864.000	27.42	22.30	49.72	74.00	-24.28	peak
6	17945.000	22.34	28.15	50.49	74.00	-23.51	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



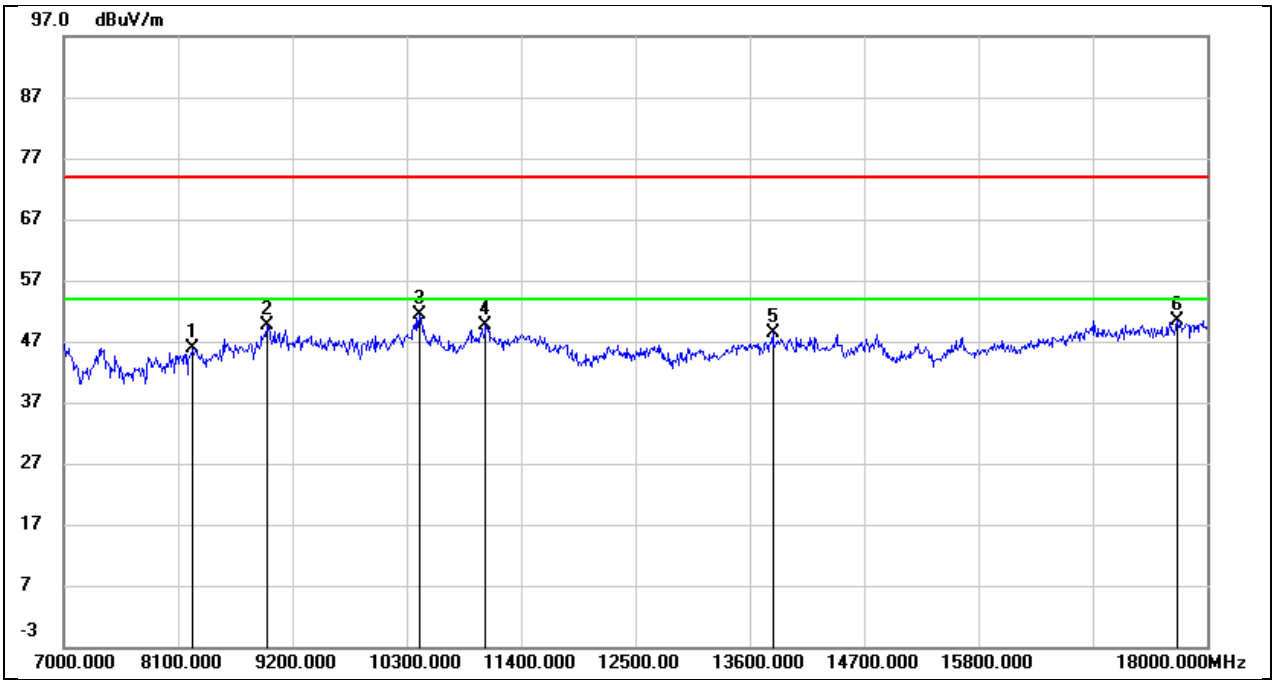
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	36.79	8.86	45.65	74.00	-28.35	peak
2	9024.000	37.07	12.13	49.20	74.00	-24.80	peak
3	10168.000	37.51	11.75	49.26	74.00	-24.74	peak
4	11587.000	35.63	15.22	50.85	74.00	-23.15	peak
5	13985.000	27.44	20.82	48.26	74.00	-25.74	peak
6	17802.000	24.48	25.99	50.47	74.00	-23.53	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



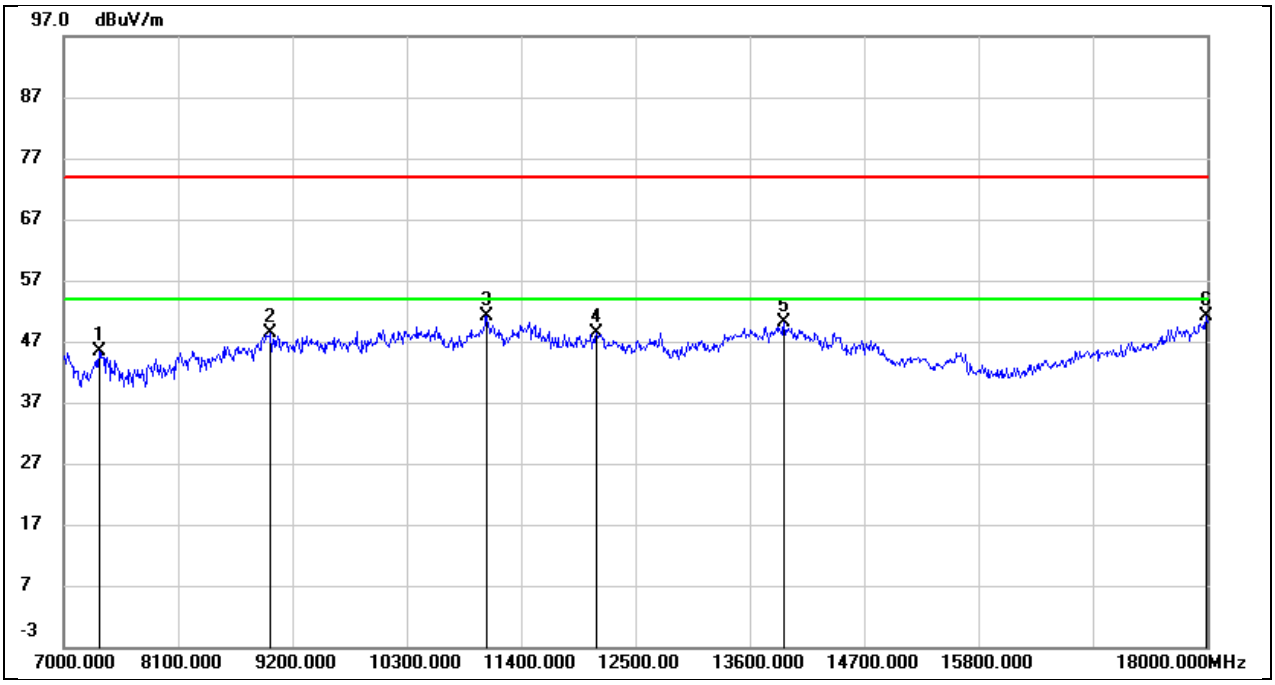
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	35.38	8.24	43.62	74.00	-30.38	peak
2	8991.000	35.22	11.83	47.05	74.00	-26.95	peak
3	10421.000	34.32	13.05	47.37	74.00	-26.63	peak
4	11906.000	29.30	17.57	46.87	74.00	-27.13	peak
5	14084.000	25.56	22.20	47.76	74.00	-26.24	peak
6	18000.000	22.36	28.47	50.83	74.00	-23.17	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



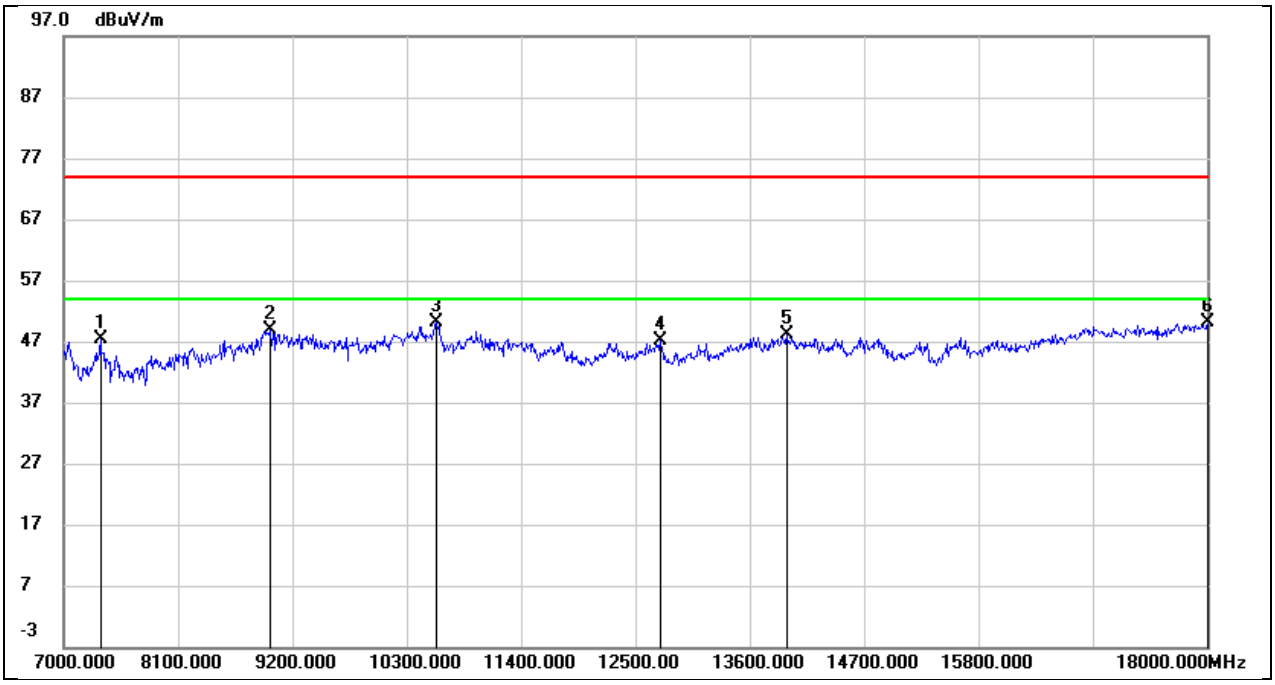
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8243.000	36.82	9.09	45.91	74.00	-28.09	peak
2	8958.000	37.89	11.76	49.65	74.00	-24.35	peak
3	10421.000	38.68	12.77	51.45	74.00	-22.55	peak
4	11059.000	35.51	14.02	49.53	74.00	-24.47	peak
5	13820.000	27.78	20.62	48.40	74.00	-25.60	peak
6	17714.000	25.24	25.24	50.48	74.00	-23.52	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5290
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



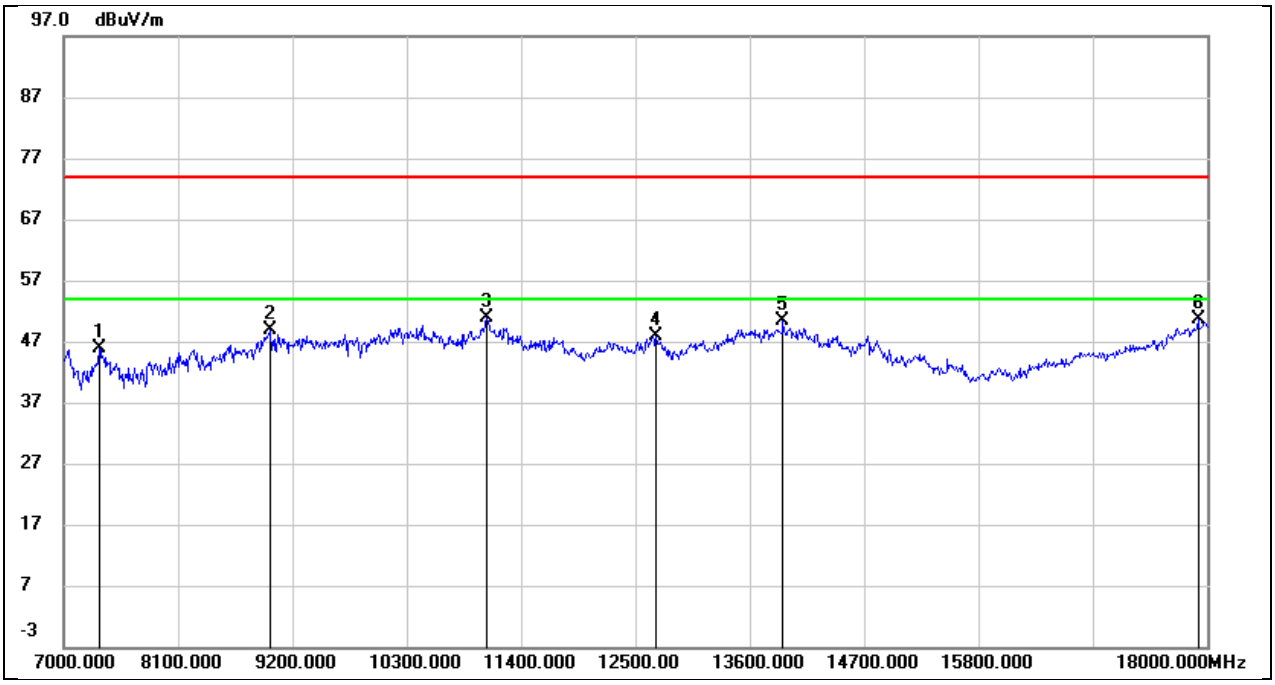
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	37.27	8.17	45.44	74.00	-28.56	peak
2	8991.000	36.57	11.83	48.40	74.00	-25.60	peak
3	11070.000	36.18	14.91	51.09	74.00	-22.91	peak
4	12126.000	30.43	18.04	48.47	74.00	-25.53	peak
5	13930.000	27.69	22.37	50.06	74.00	-23.94	peak
6	17989.000	22.78	28.41	51.19	74.00	-22.81	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5290
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



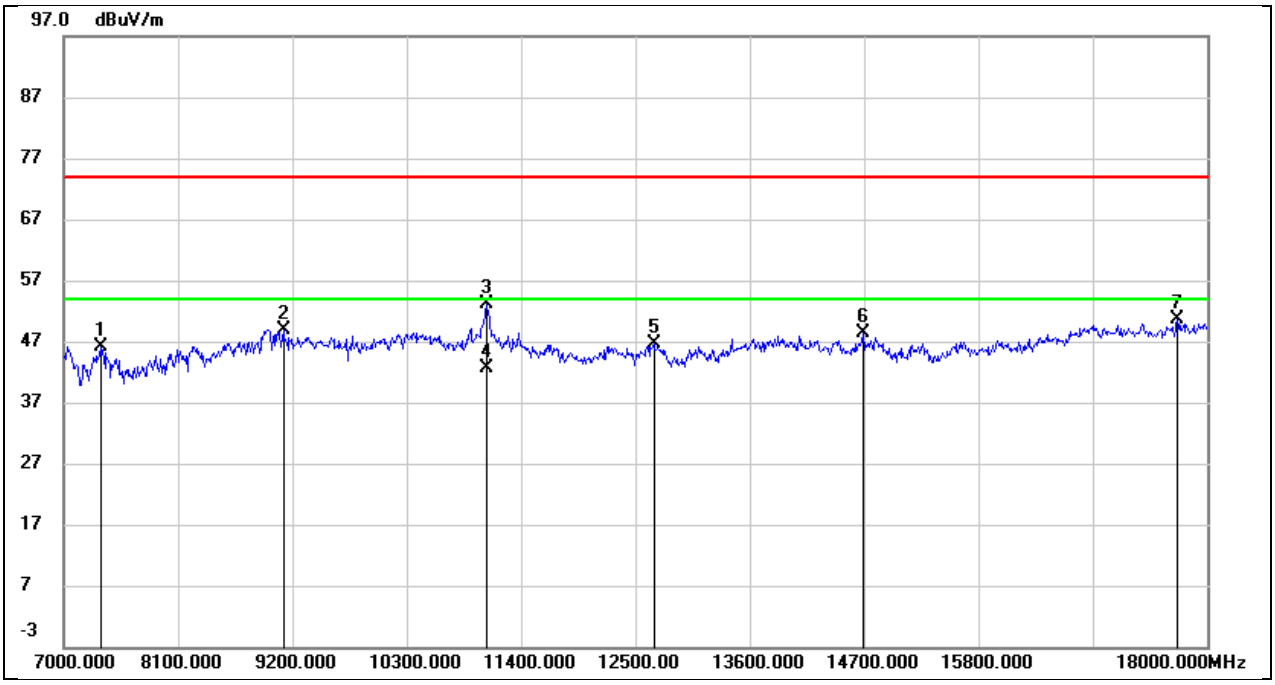
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	38.51	8.86	47.37	74.00	-26.63	peak
2	8991.000	36.68	12.23	48.91	74.00	-25.09	peak
3	10586.000	36.92	13.16	50.08	74.00	-23.92	peak
4	12742.000	29.74	17.27	47.01	74.00	-26.99	peak
5	13952.000	27.35	20.78	48.13	74.00	-25.87	peak
6	18000.000	23.87	26.27	50.14	74.00	-23.86	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5530
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



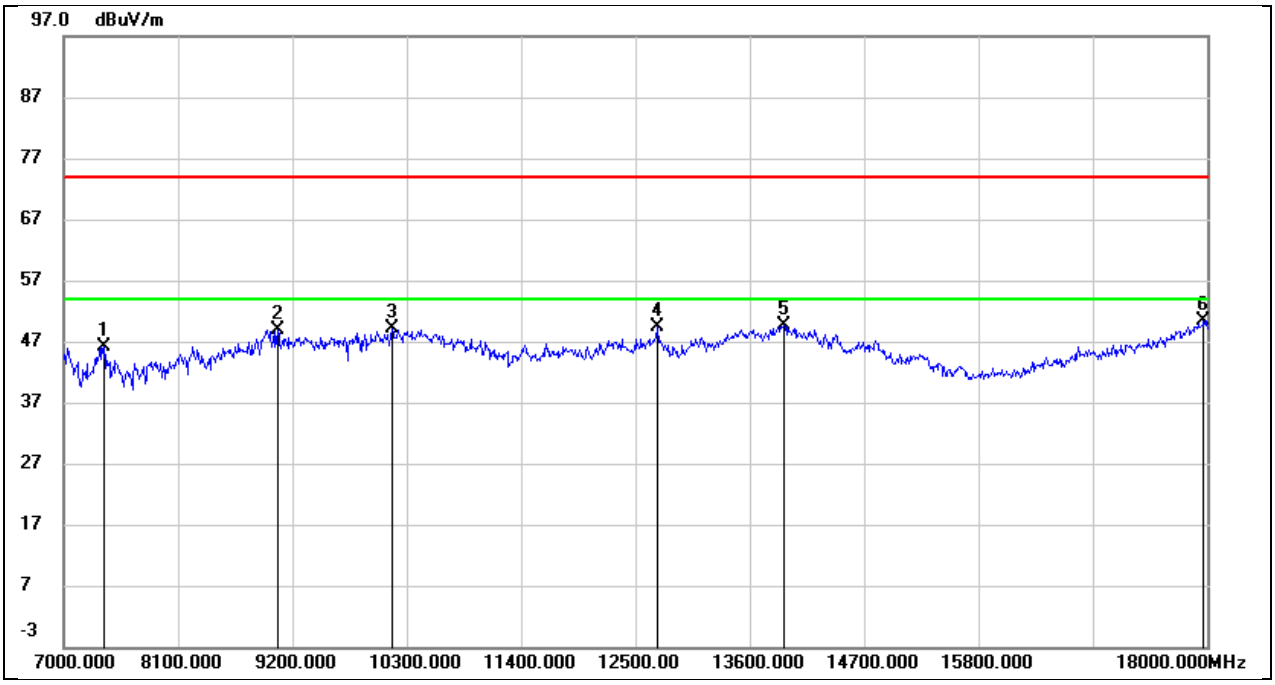
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	37.74	8.17	45.91	74.00	-28.09	peak
2	8980.000	37.20	11.67	48.87	74.00	-25.13	peak
3	11070.000	35.92	14.91	50.83	74.00	-23.17	peak
4	12698.000	29.77	18.20	47.97	74.00	-26.03	peak
5	13919.000	28.04	22.36	50.40	74.00	-23.60	peak
6	17912.000	22.68	27.96	50.64	74.00	-23.36	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5530
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



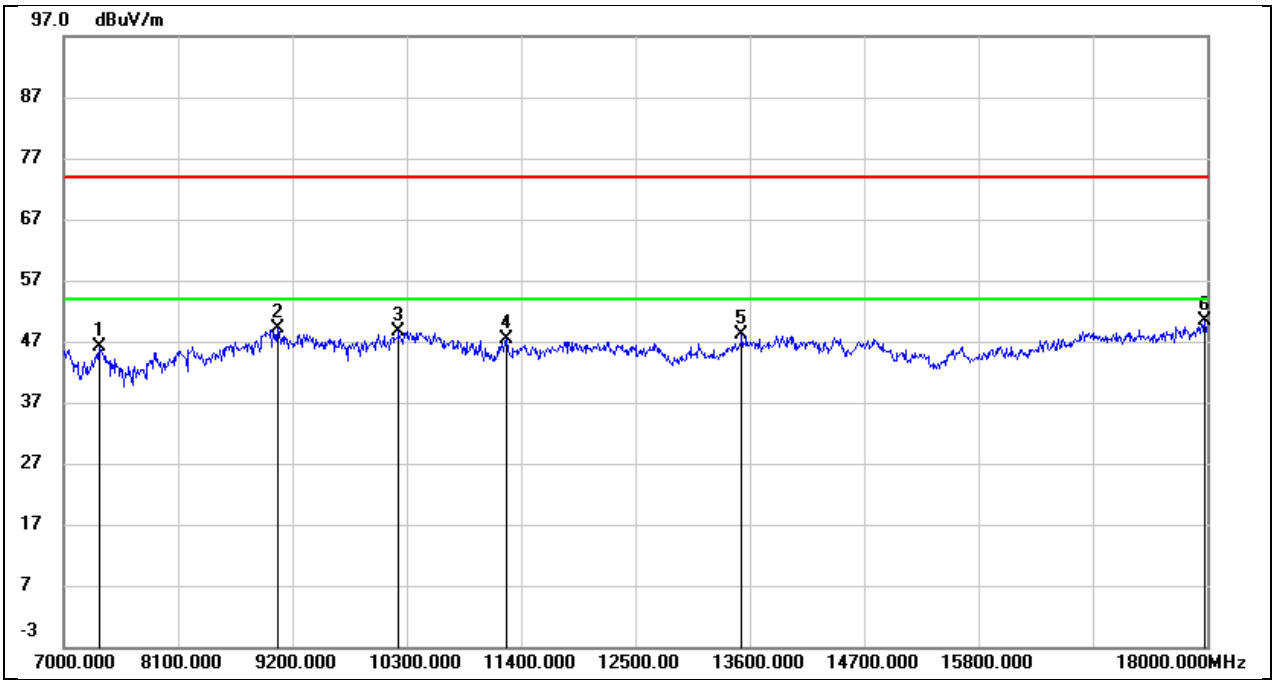
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	37.25	8.86	46.11	74.00	-27.89	peak
2	9112.000	37.63	11.26	48.89	74.00	-25.11	peak
3	11070.000	39.05	14.02	53.07	74.00	-20.93	peak
4	11070.000	28.58	14.02	42.60	54.00	-11.40	AVG
5	12676.000	29.40	17.13	46.53	74.00	-27.47	peak
6	14689.000	28.57	19.77	48.34	74.00	-25.66	peak
7	17714.000	25.29	25.24	50.53	74.00	-23.47	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5610
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



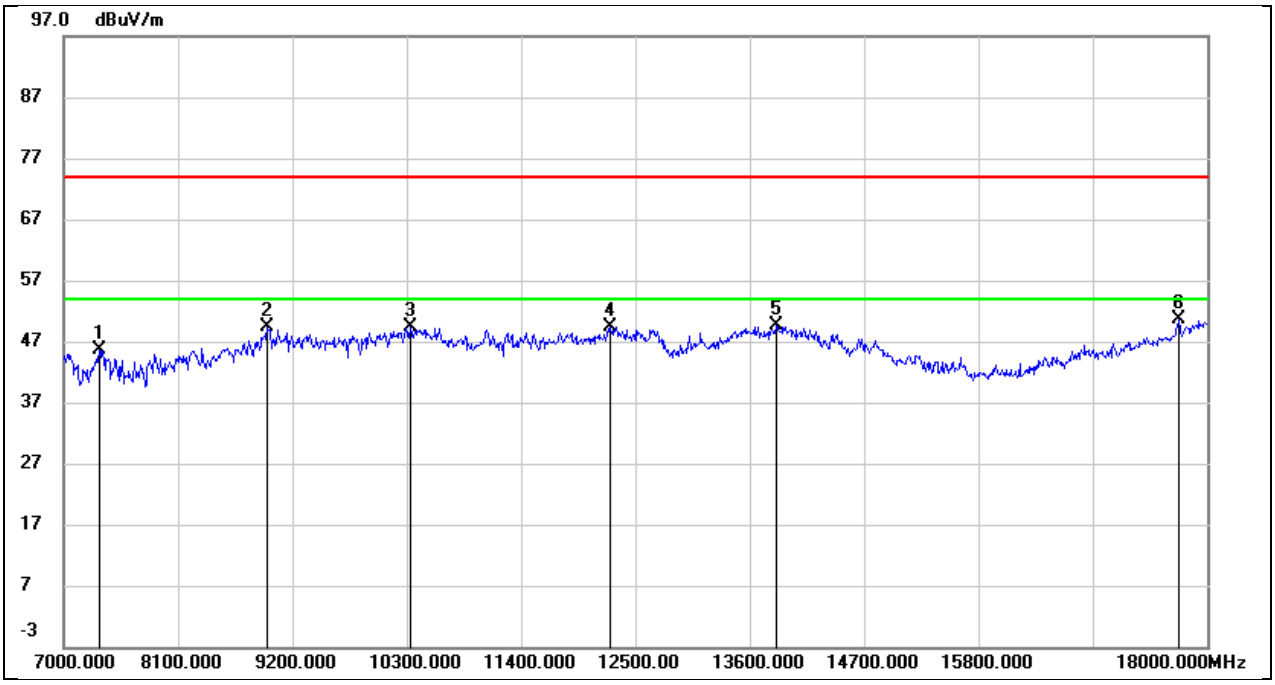
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7385.000	37.61	8.52	46.13	74.00	-27.87	peak
2	9057.000	37.47	11.45	48.92	74.00	-25.08	peak
3	10157.000	36.84	12.27	49.11	74.00	-24.89	peak
4	12709.000	31.09	18.23	49.32	74.00	-24.68	peak
5	13930.000	27.27	22.37	49.64	74.00	-24.36	peak
6	17967.000	22.11	28.28	50.39	74.00	-23.61	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5610
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



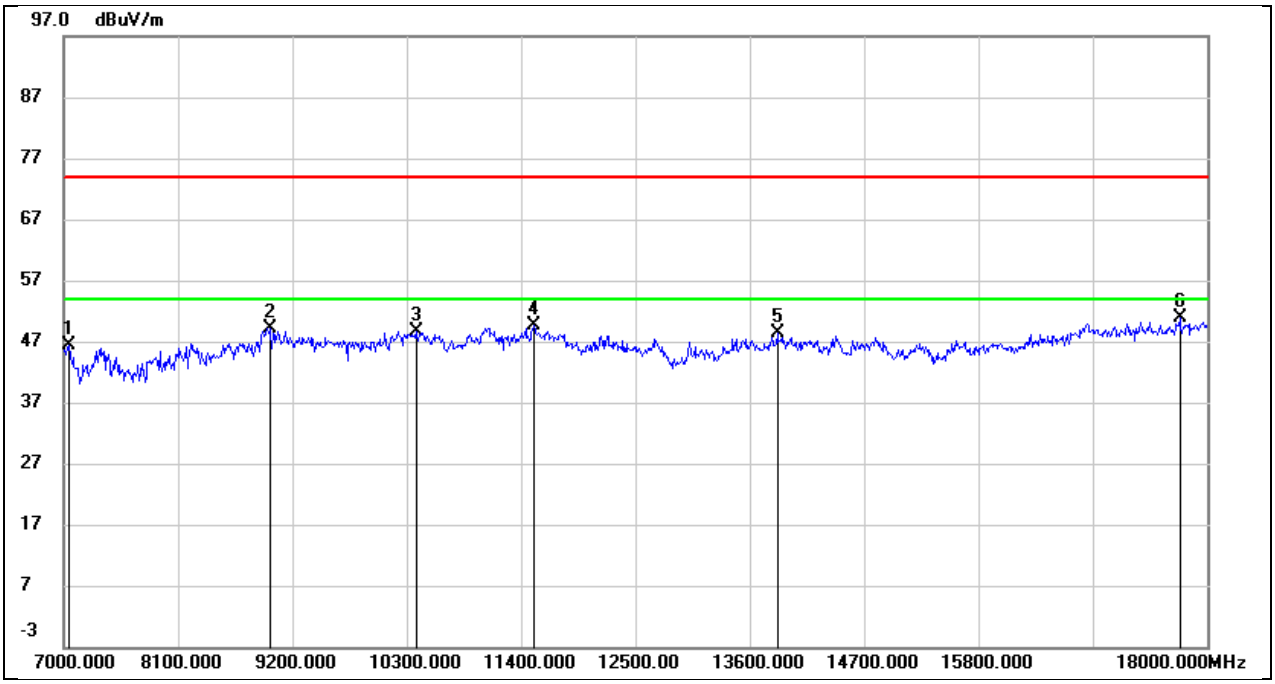
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	37.32	8.79	46.11	74.00	-27.89	peak
2	9057.000	37.39	11.81	49.20	74.00	-24.80	peak
3	10223.000	36.75	11.89	48.64	74.00	-25.36	peak
4	11257.000	33.08	14.33	47.41	74.00	-26.59	peak
5	13523.000	28.67	19.42	48.09	74.00	-25.91	peak
6	17978.000	24.07	26.24	50.31	74.00	-23.69	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	37.37	8.17	45.54	74.00	-28.46	peak
2	8958.000	38.05	11.34	49.39	74.00	-24.61	peak
3	10333.000	36.71	12.76	49.47	74.00	-24.53	peak
4	12258.000	31.27	18.20	49.47	74.00	-24.53	peak
5	13853.000	27.38	22.30	49.68	74.00	-24.32	peak
6	17725.000	24.36	26.32	50.68	74.00	-23.32	peak

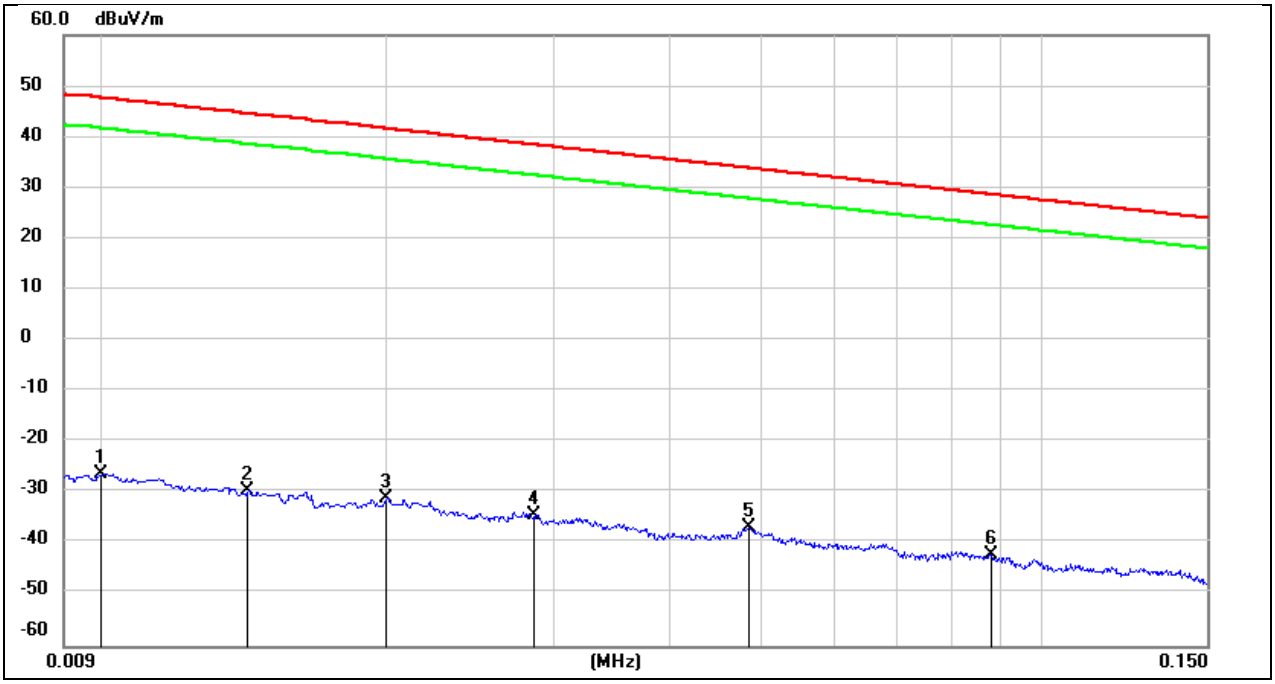
Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7055.000	37.86	8.44	46.30	74.00	-27.70	peak
2	8980.000	37.05	12.07	49.12	74.00	-24.88	peak
3	10388.000	36.06	12.66	48.72	74.00	-25.28	peak
4	11521.000	34.58	15.12	49.70	74.00	-24.30	peak
5	13864.000	27.78	20.67	48.45	74.00	-25.55	peak
6	17736.000	25.40	25.43	50.83	74.00	-23.17	peak

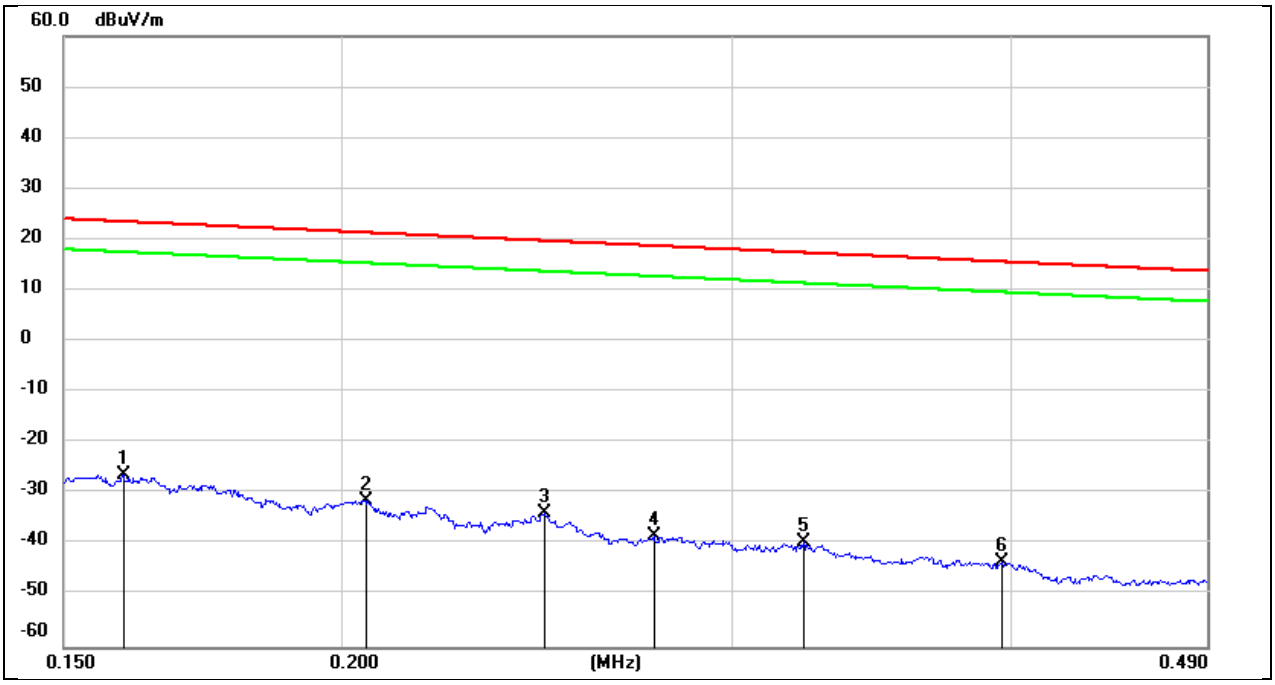
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



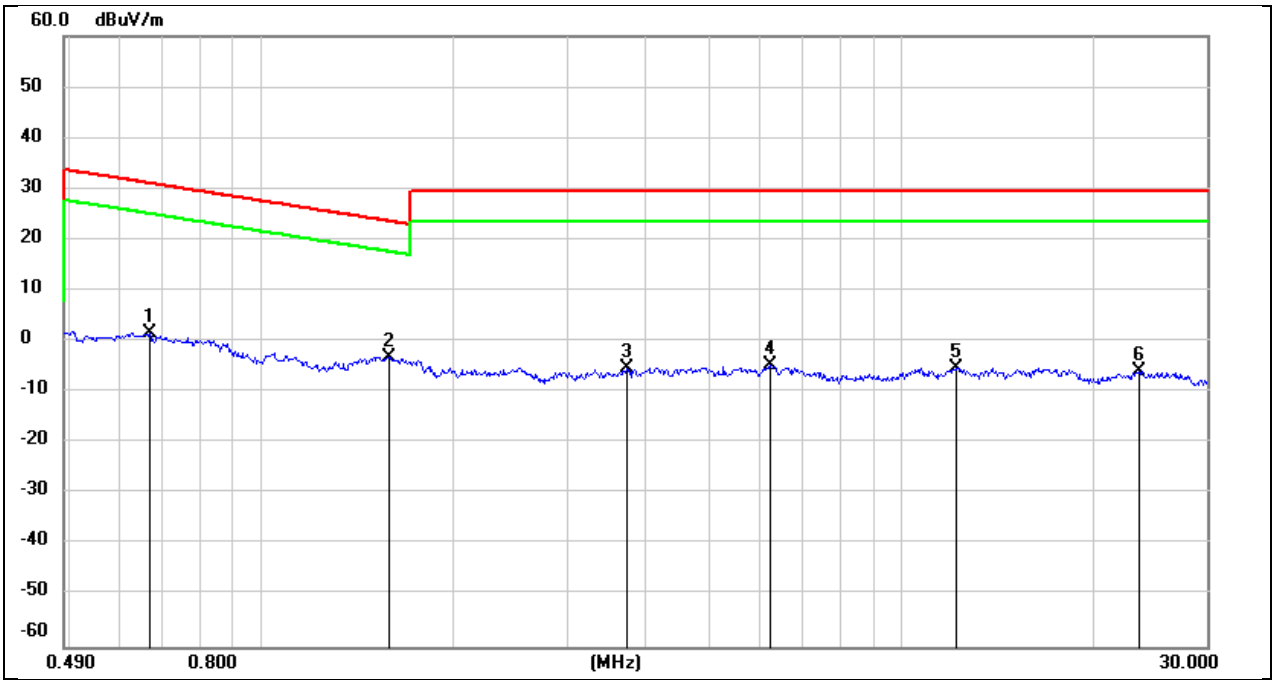
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0100	75.22	-101.40	-26.18	47.60	-73.78	peak
2	0.0142	71.74	-101.38	-29.64	44.55	-74.19	peak
3	0.0200	70.18	-101.34	-31.16	41.58	-72.74	peak
4	0.0286	66.96	-101.38	-34.42	38.47	-72.89	peak
5	0.0485	64.61	-101.47	-36.86	33.88	-70.74	peak
6	0.0882	59.59	-101.70	-42.11	28.69	-70.80	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1595	75.36	-101.65	-26.29	23.55	-49.84	peak
2	0.2051	70.31	-101.73	-31.42	21.36	-52.78	peak
3	0.2469	67.92	-101.80	-33.88	19.75	-53.63	peak
4	0.2765	63.72	-101.83	-38.11	18.77	-56.88	peak
5	0.3225	62.47	-101.88	-39.41	17.43	-56.84	peak
6	0.3966	58.68	-101.96	-43.28	15.63	-58.91	peak

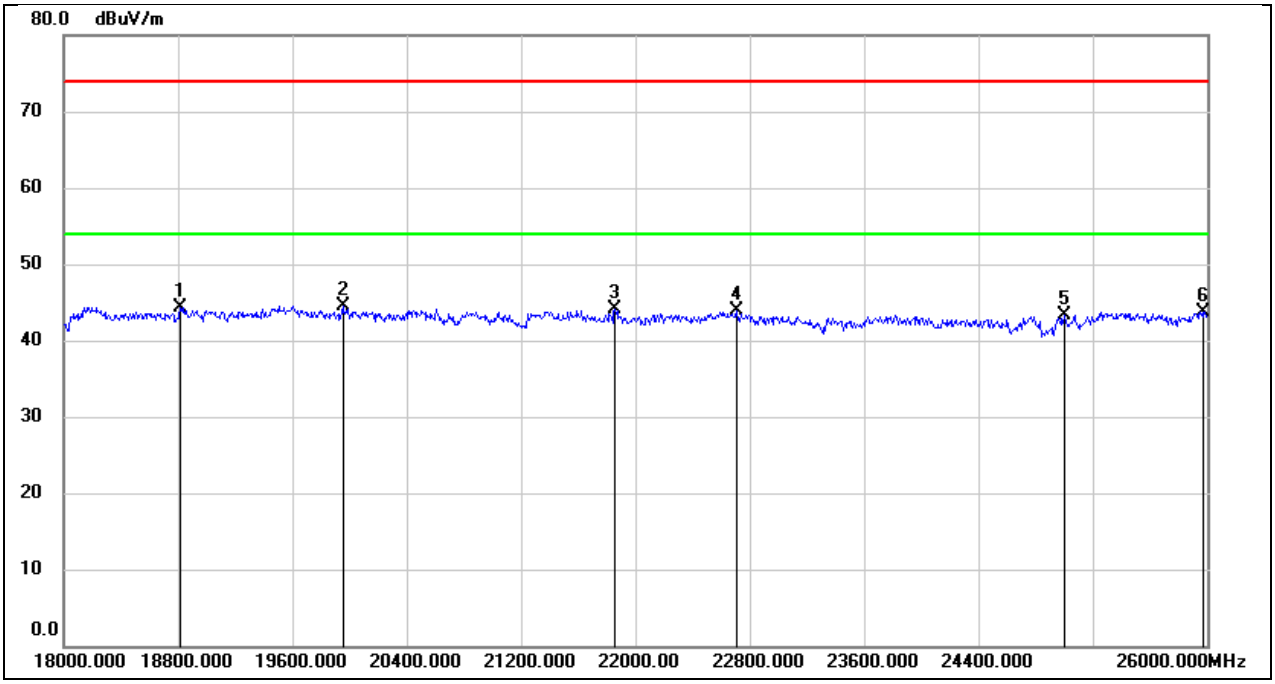
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.6671	63.75	-62.10	1.65	31.12	-29.47	peak
2	1.5826	58.88	-62.01	-3.13	23.61	-26.74	peak
3	3.7100	56.20	-61.41	-5.21	29.54	-34.75	peak
4	6.2445	56.63	-61.32	-4.69	29.54	-34.23	peak
5	12.2055	55.77	-60.90	-5.13	29.54	-34.67	peak
6	23.4783	54.74	-60.56	-5.82	29.54	-35.36	peak

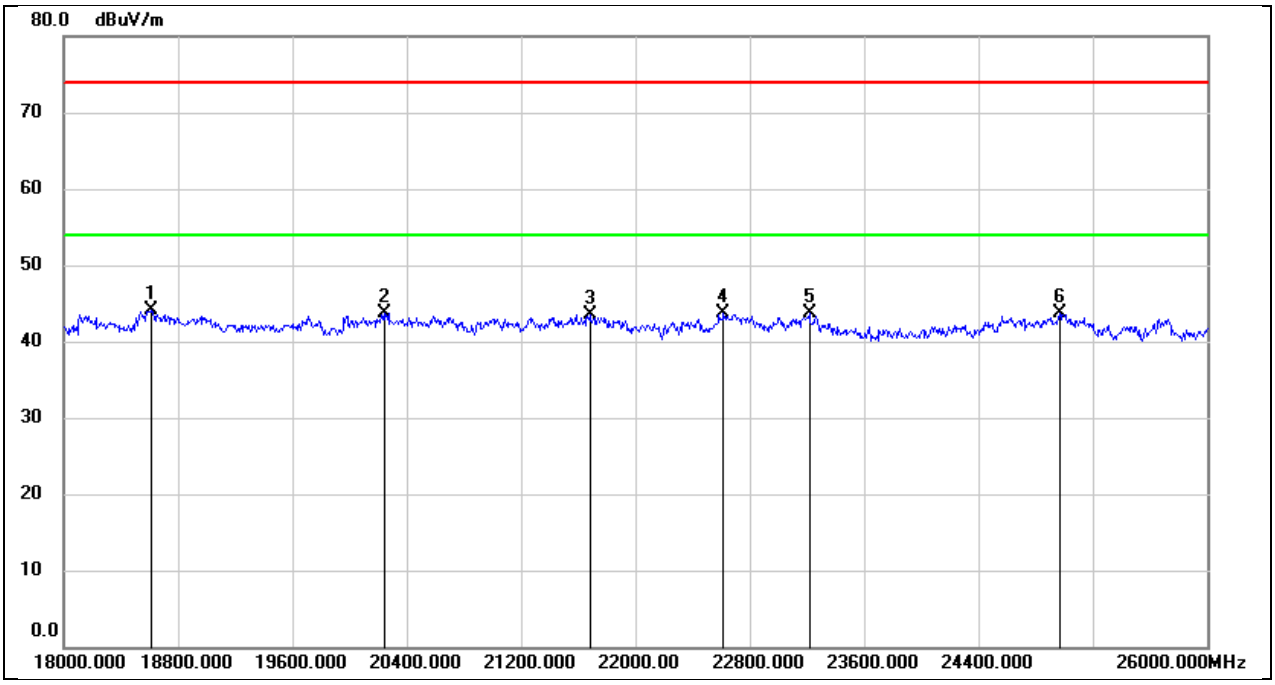
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18816.000	49.71	-5.38	44.33	74.00	-29.67	peak
2	19952.000	49.96	-5.41	44.55	74.00	-29.45	peak
3	21856.000	48.52	-4.39	44.13	74.00	-29.87	peak
4	22704.000	47.58	-3.73	43.85	74.00	-30.15	peak
5	25000.000	45.36	-2.10	43.26	74.00	-30.74	peak
6	25968.000	44.63	-1.00	43.63	74.00	-30.37	peak

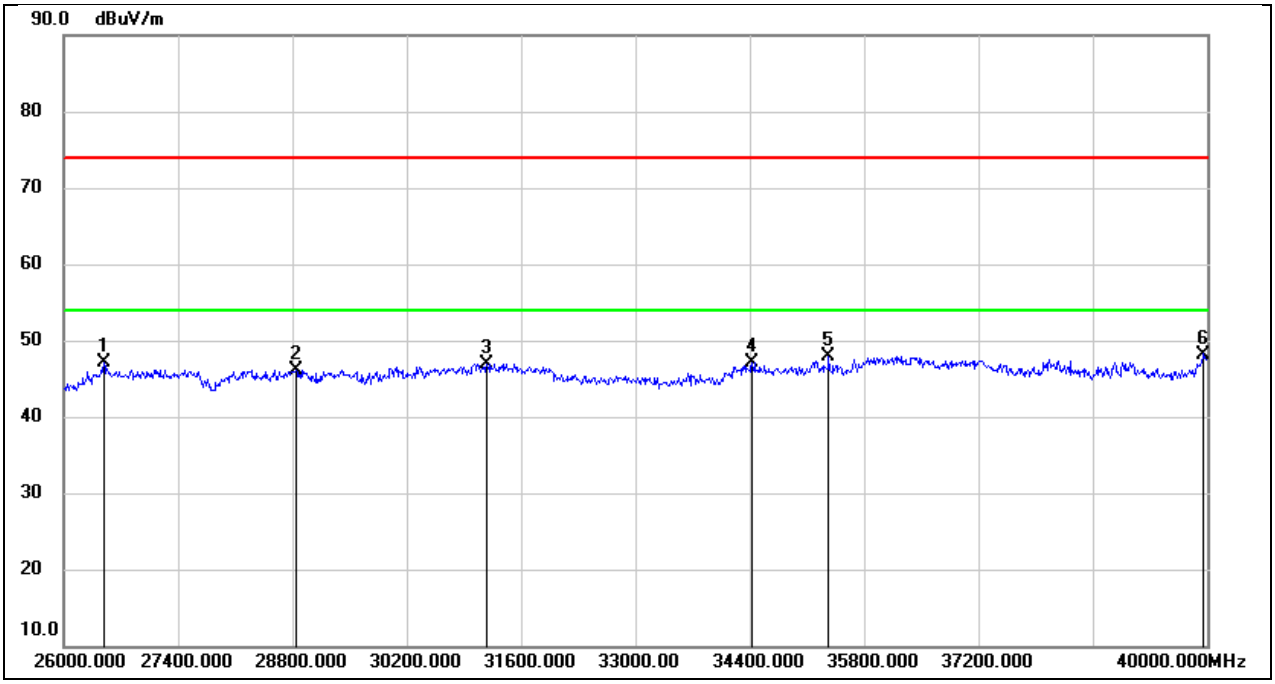
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18616.000	49.39	-5.34	44.05	74.00	-29.95	peak
2	20240.000	49.32	-5.61	43.71	74.00	-30.29	peak
3	21680.000	48.02	-4.43	43.59	74.00	-30.41	peak
4	22616.000	47.59	-3.80	43.79	74.00	-30.21	peak
5	23216.000	47.01	-3.38	43.63	74.00	-30.37	peak
6	24968.000	45.76	-2.14	43.62	74.00	-30.38	peak

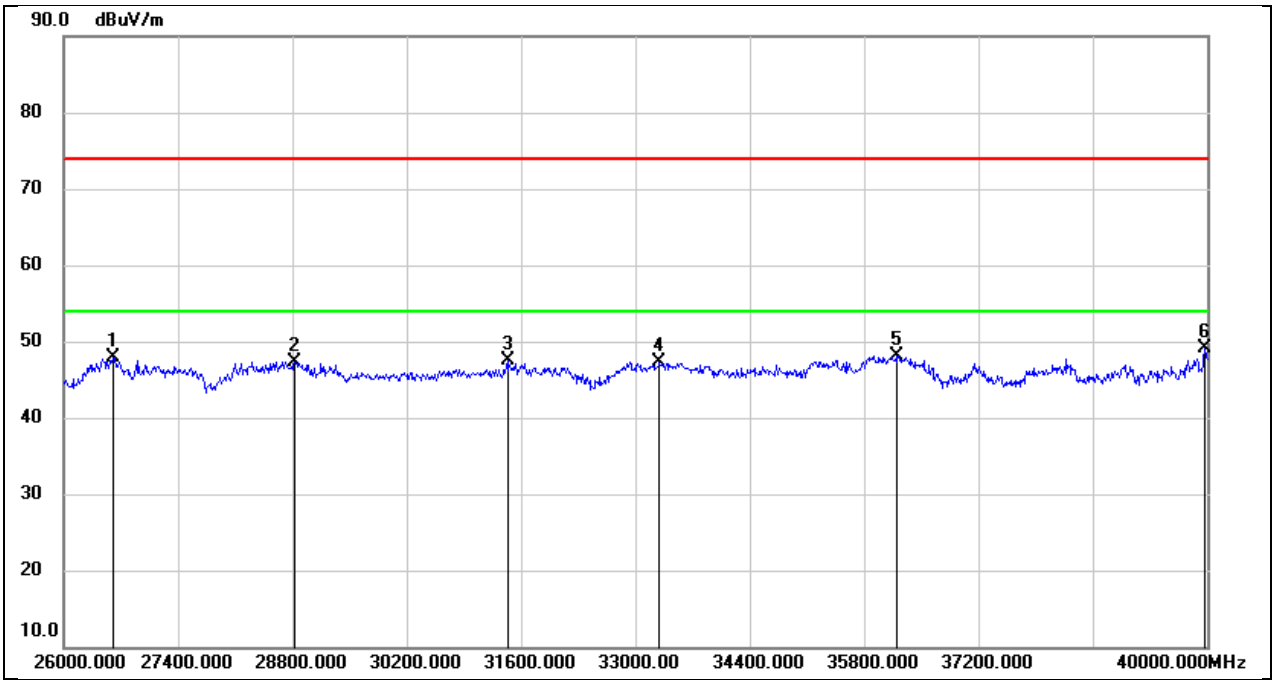
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	51.79	-4.74	47.05	74.00	-26.95	peak
2	28842.000	46.93	-0.84	46.09	74.00	-27.91	peak
3	31180.000	47.69	-0.79	46.90	74.00	-27.10	peak
4	34428.000	46.20	0.99	47.19	74.00	-26.81	peak
5	35366.000	45.40	2.59	47.99	74.00	-26.01	peak
6	39958.000	43.08	5.12	48.20	74.00	-25.80	peak

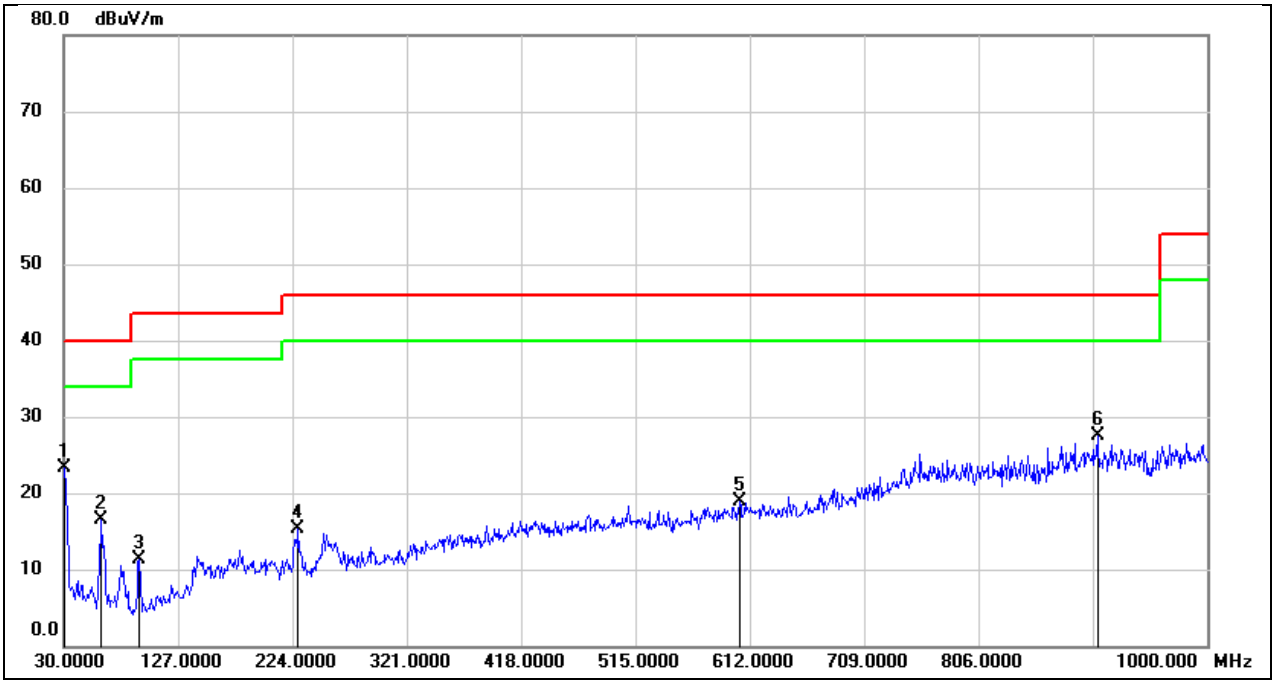
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26602.000	52.78	-4.80	47.98	74.00	-26.02	peak
2	28828.000	48.13	-0.79	47.34	74.00	-26.66	peak
3	31432.000	48.52	-1.10	47.42	74.00	-26.58	peak
4	33294.000	47.57	-0.29	47.28	74.00	-26.72	peak
5	36192.000	44.65	3.43	48.08	74.00	-25.92	peak
6	39972.000	43.95	5.13	49.08	74.00	-24.92	peak

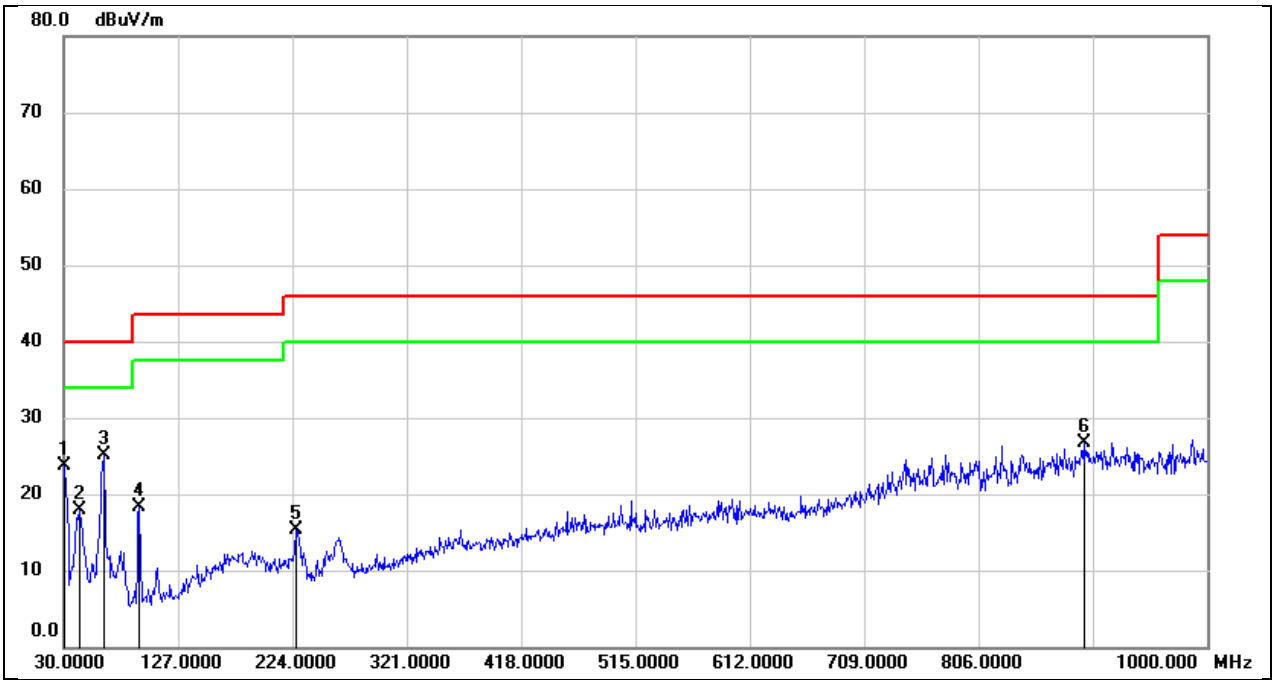
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	37.74	-14.37	23.37	40.00	-16.63	QP
2	62.0100	32.13	-15.70	16.43	40.00	-23.57	QP
3	94.0199	27.73	-16.49	11.24	43.50	-32.26	QP
4	228.8500	28.45	-13.08	15.37	46.00	-30.63	QP
5	603.2700	24.79	-5.82	18.97	46.00	-27.03	QP
6	906.8800	28.40	-0.90	27.50	46.00	-18.50	QP

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.9700	38.01	-14.37	23.64	40.00	-16.36	QP
2	43.5800	32.77	-14.89	17.88	40.00	-22.12	QP
3	63.9500	40.95	-15.79	25.16	40.00	-14.84	QP
4	94.0199	34.85	-16.49	18.36	43.50	-25.14	QP
5	226.9100	28.29	-12.98	15.31	46.00	-30.69	QP
6	895.2400	27.68	-0.94	26.74	46.00	-19.26	QP

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a)

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

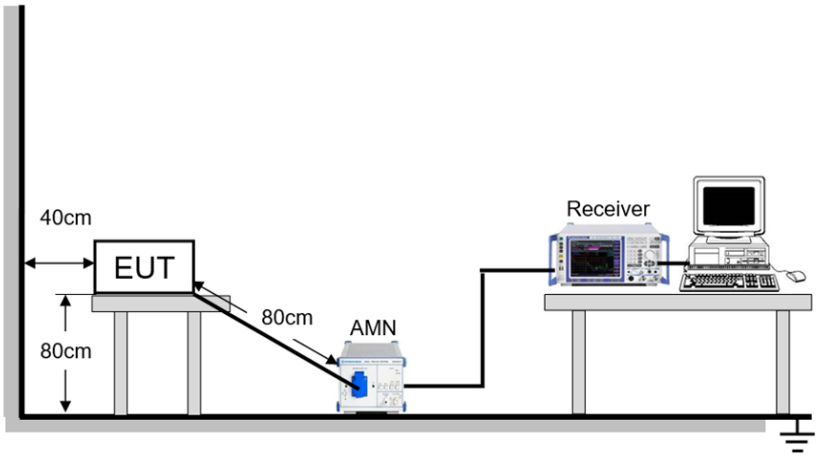
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

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

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

TEST SETUP



TEST ENVIRONMENT

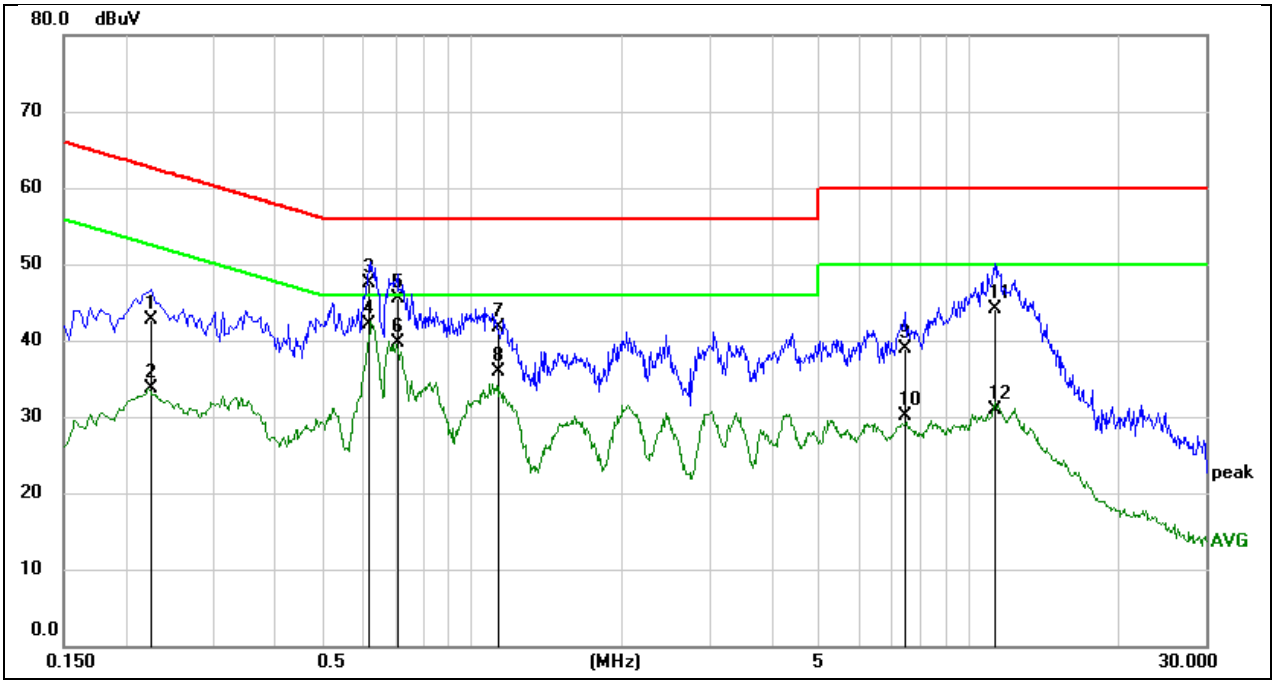
Temperature	22.6℃	Relative Humidity	51%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V_60Hz

TEST DATE / ENGINEER

Test Date	August 20, 2024	Test By	Andy Xiong

TEST RESULTS

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

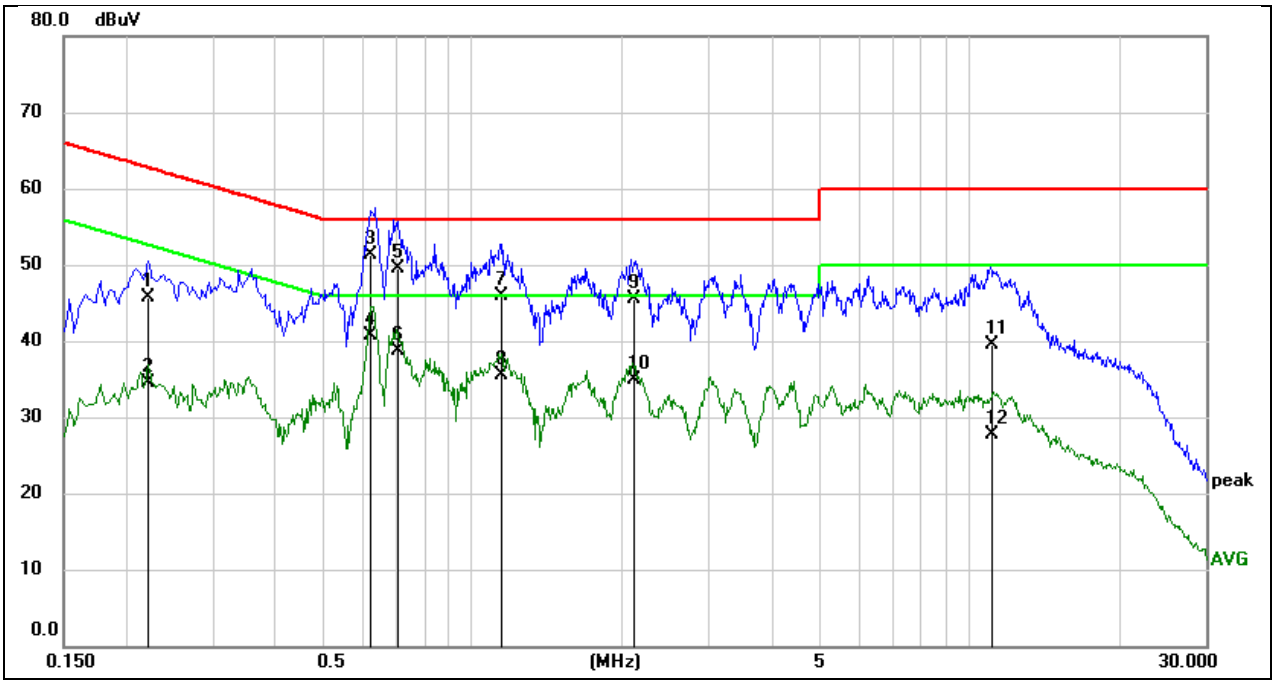


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2254	32.37	10.24	42.61	62.62	-20.01	QP
2	0.2254	23.56	10.24	33.80	52.62	-18.82	AVG
3	0.6195	37.35	10.24	47.59	56.00	-8.41	QP
4	0.6195	31.87	10.24	42.11	46.00	-3.89	AVG
5	0.7054	35.31	10.23	45.54	56.00	-10.46	QP
6	0.7054	29.39	10.23	39.62	46.00	-6.38	AVG
7	1.1301	31.66	10.02	41.68	56.00	-14.32	QP
8	1.1301	25.81	10.02	35.83	46.00	-10.17	AVG
9	7.4382	28.60	10.33	38.93	60.00	-21.07	QP
10	7.4382	19.78	10.33	30.11	50.00	-19.89	AVG
11	11.2863	33.79	10.38	44.17	60.00	-15.83	QP
12	11.2863	20.43	10.38	30.81	50.00	-19.19	AVG

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2221	35.65	10.13	45.78	62.74	-16.96	QP
2	0.2221	24.37	10.13	34.50	52.74	-18.24	AVG
3	0.6213	41.20	10.03	51.23	56.00	-4.77	QP
4	0.6213	30.71	10.03	40.74	46.00	-5.26	AVG
5	0.7044	39.43	10.03	49.46	56.00	-6.54	QP
6	0.7044	28.63	10.03	38.66	46.00	-7.34	AVG
7	1.1475	36.06	9.86	45.92	56.00	-10.08	QP
8	1.1475	25.65	9.86	35.51	46.00	-10.49	AVG
9	2.1127	35.42	10.06	45.48	56.00	-10.52	QP
10	2.1127	24.92	10.06	34.98	46.00	-11.02	AVG
11	11.1382	28.96	10.48	39.44	60.00	-20.56	QP
12	11.1382	17.29	10.48	27.77	50.00	-22.23	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

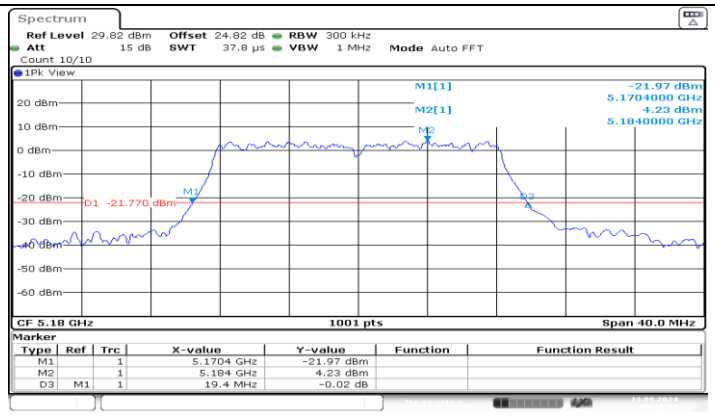
11. TEST DATA

11.1. APPENDIX A: EMISSION BANDWIDTH

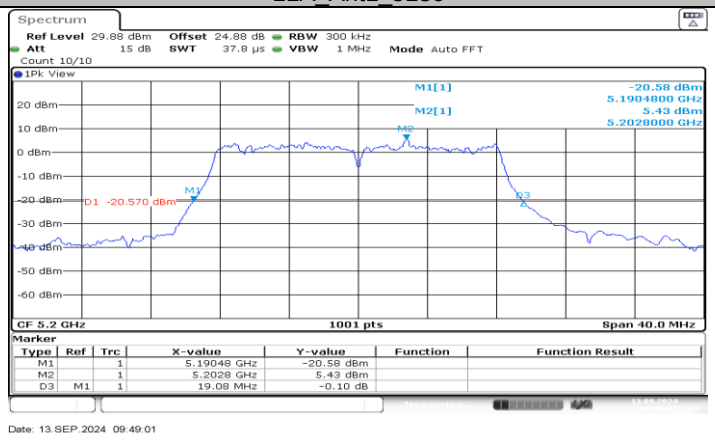
11.1.1. Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	19.40	5170.40	5189.80
		5200	19.08	5190.48	5209.56
		5240	19.68	5230.08	5249.76
		5260	19.60	5250.12	5269.72
		5280	19.12	5270.52	5289.64
		5320	20.00	5310.08	5330.08
		5500	19.64	5490.04	5509.68
		5580	19.44	5570.32	5589.76
		5700	19.16	5690.28	5709.44
		5745	19.44	5735.16	5754.60
		5785	19.64	5775.04	5794.68
		5825	19.48	5815.32	5834.80
11N20SISO	Ant1	5180	19.76	5170.20	5189.96
		5200	19.92	5190.00	5209.92
		5240	19.68	5230.16	5249.84
		5260	19.76	5250.08	5269.84
		5280	19.96	5269.96	5289.92
		5320	19.72	5310.12	5329.84
		5500	19.84	5490.04	5509.88
		5580	20.00	5569.96	5589.96
		5700	19.92	5689.96	5709.88
		5745	20.08	5735.04	5755.12
		5785	19.68	5775.32	5795.00
		5825	19.80	5815.04	5834.84
11N40SISO	Ant1	5190	40.00	5169.92	5209.92
		5230	40.24	5209.76	5250.00
		5270	39.92	5250.08	5290.00
		5310	39.92	5290.00	5329.92
		5510	40.08	5490.00	5530.08
		5550	40.08	5530.00	5570.08
		5670	40.16	5649.92	5690.08
		5755	40.00	5735.08	5775.08
		5795	40.24	5774.92	5815.16
11AC80SISO	Ant1	5210	82.40	5168.08	5250.48
		5290	82.08	5250.00	5332.08
		5530	83.68	5487.76	5571.44
		5610	81.76	5569.68	5651.44
		5775	86.56	5730.68	5817.24

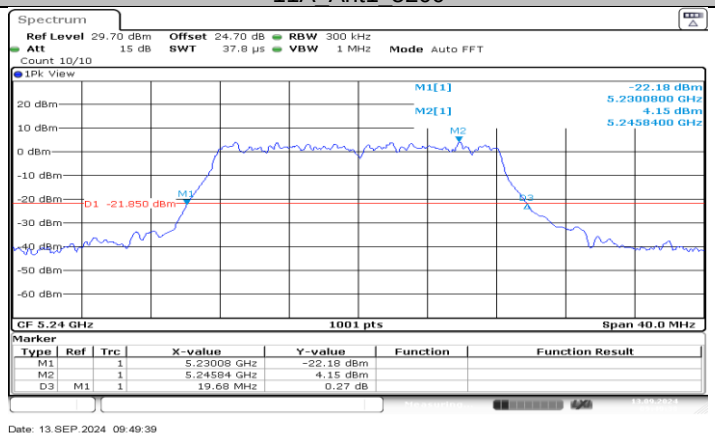
11.1.2. Test Graphs



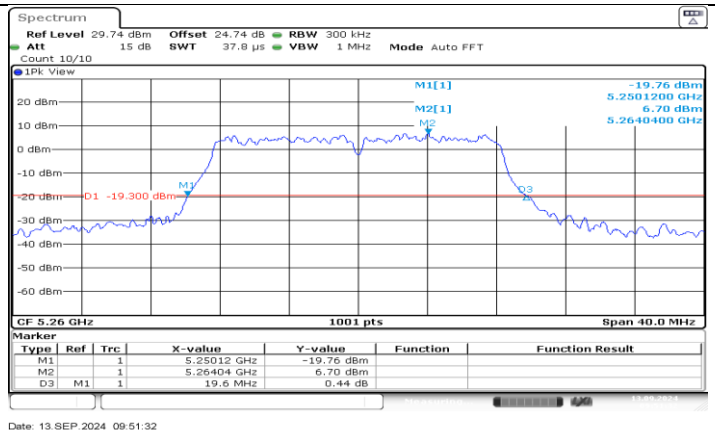
11A_Ant1_5180



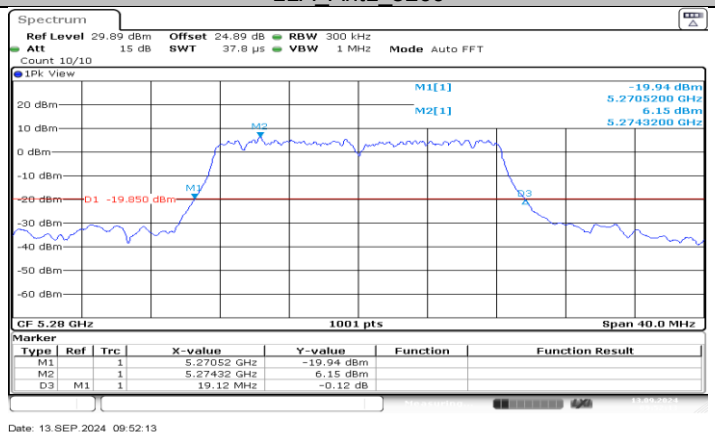
11A_Ant1_5200



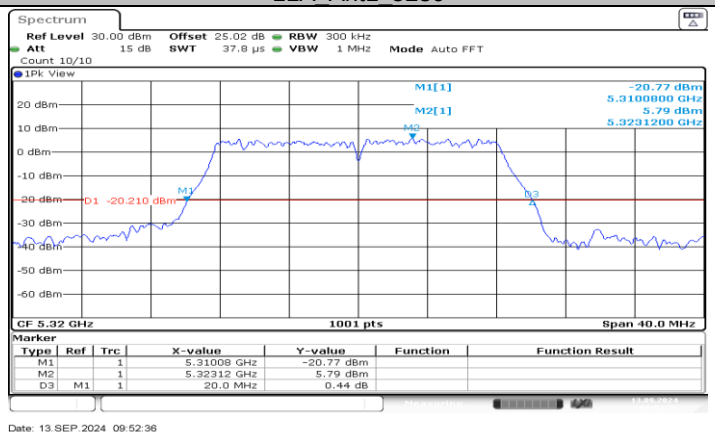
11A_Ant1_5240



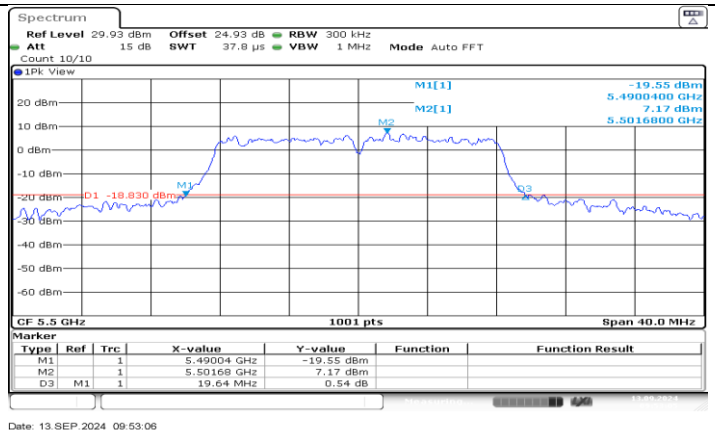
11A_Ant1_5260



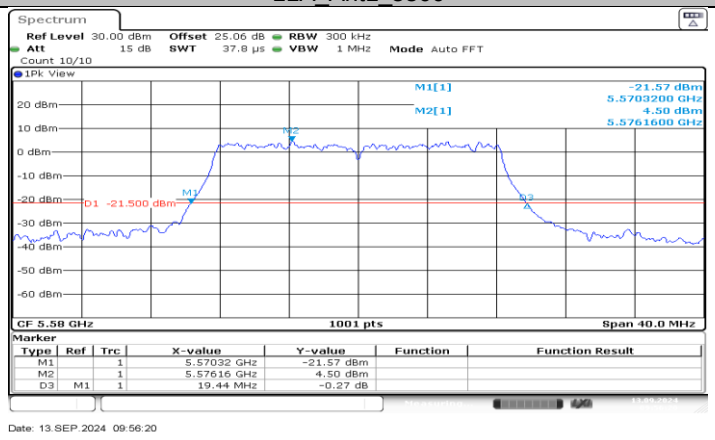
11A_Ant1_5280



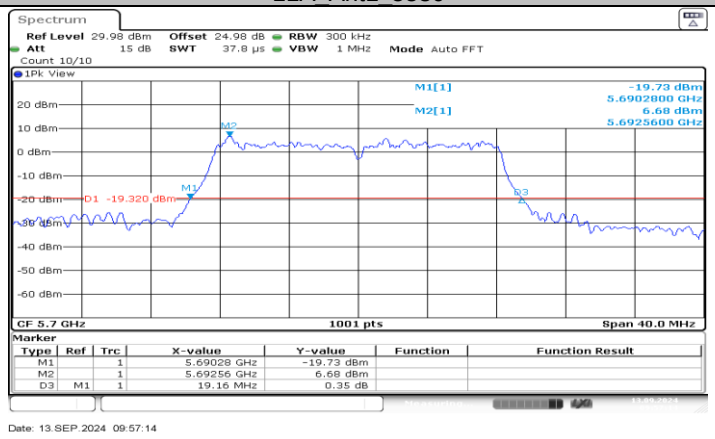
11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5580



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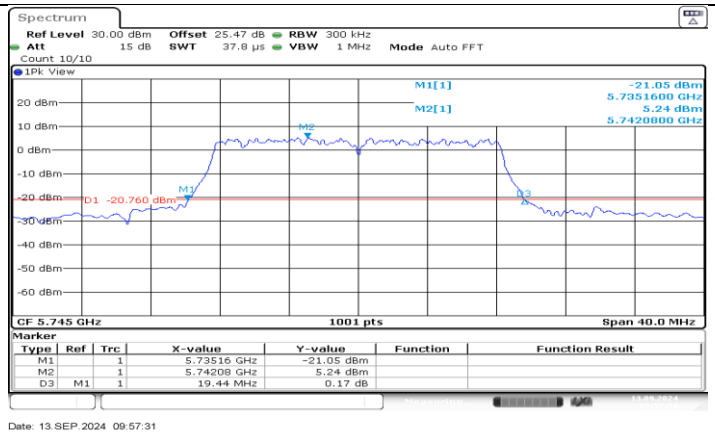

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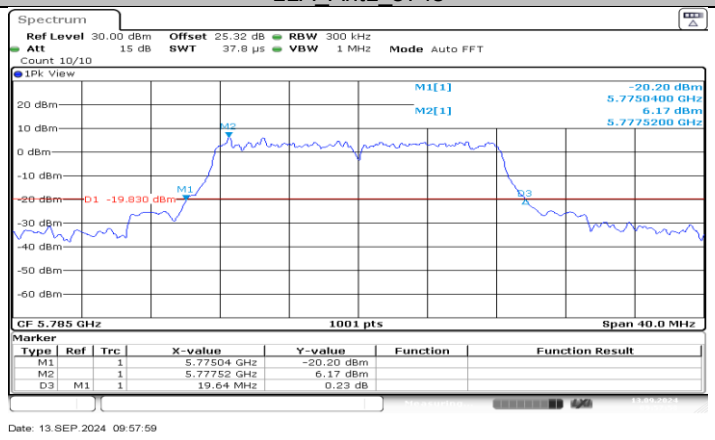
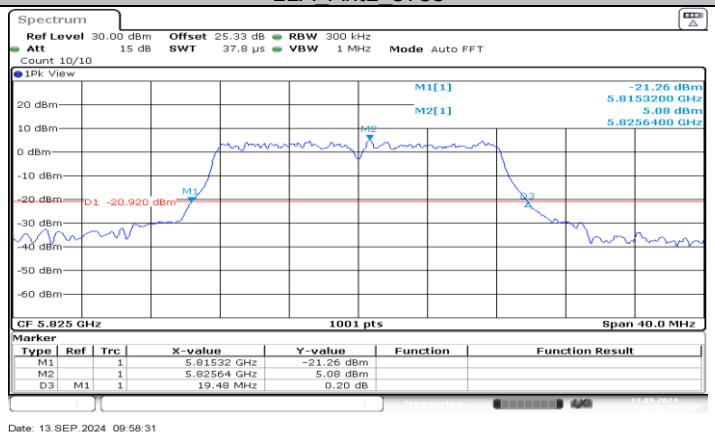
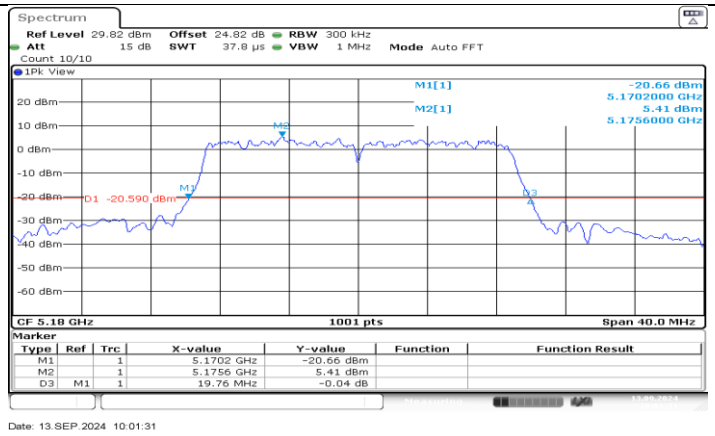


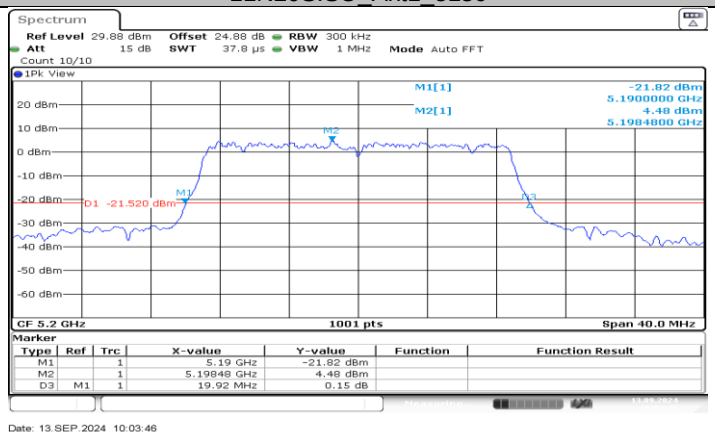
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



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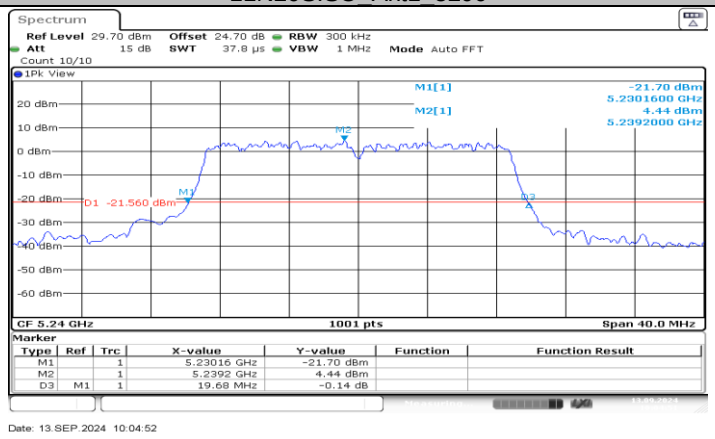
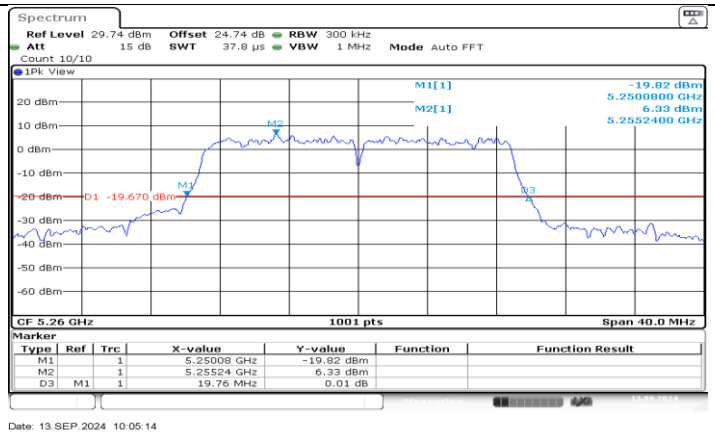
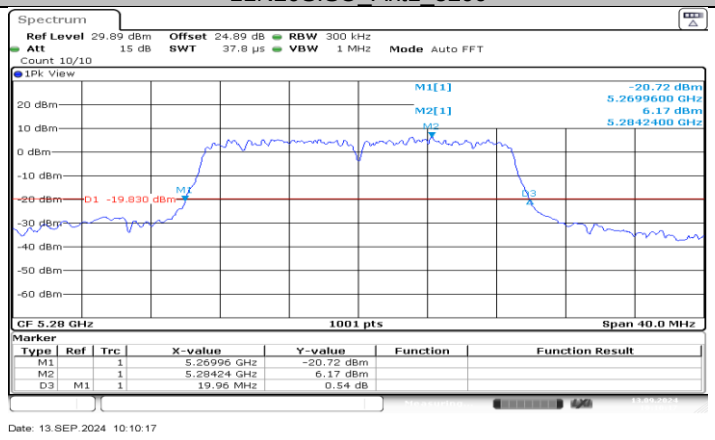


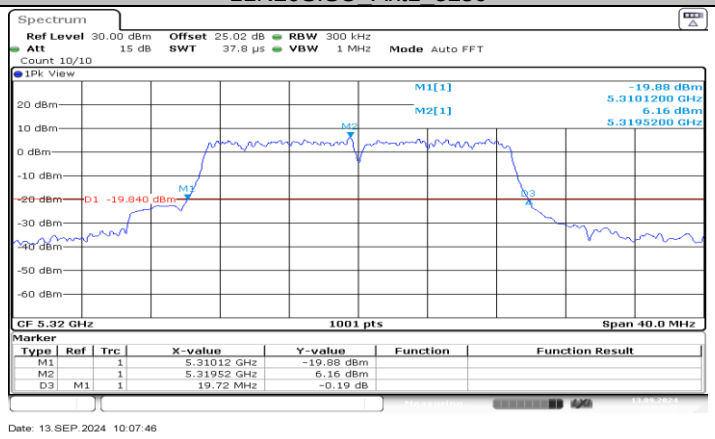
11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



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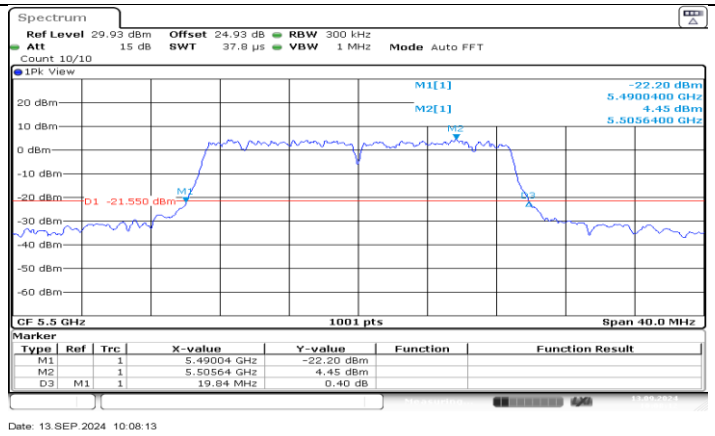
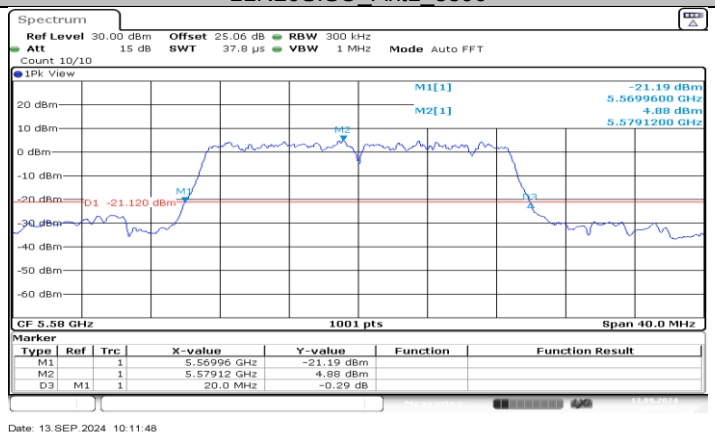


11N20SISO_Ant1_5500



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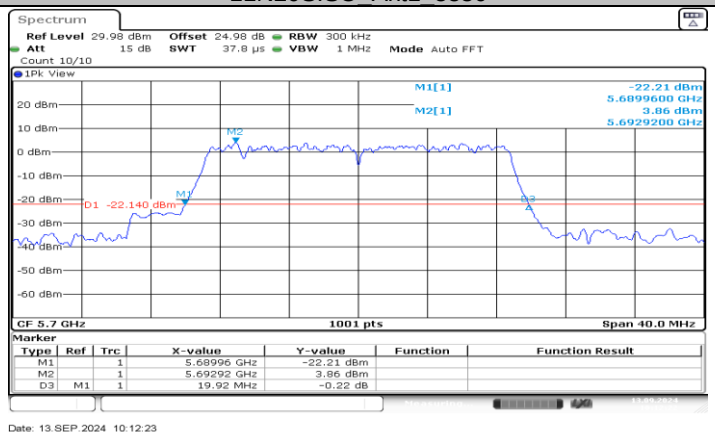

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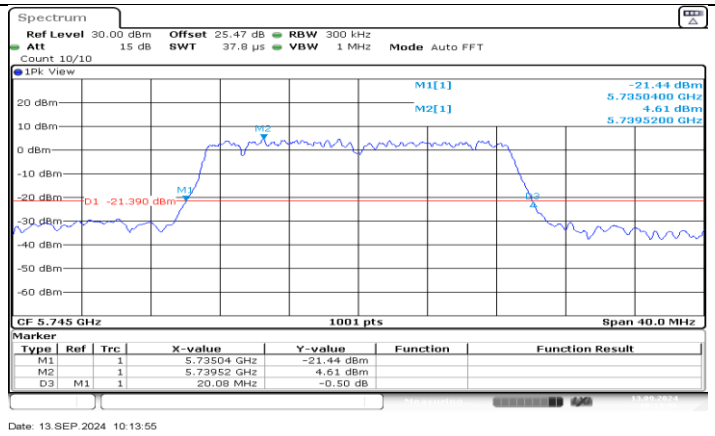
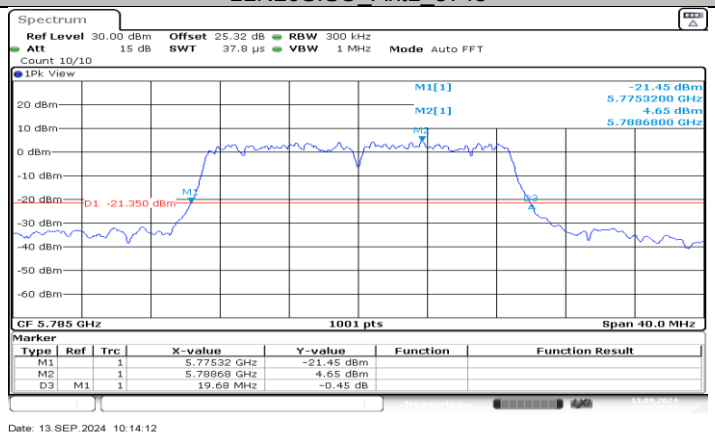
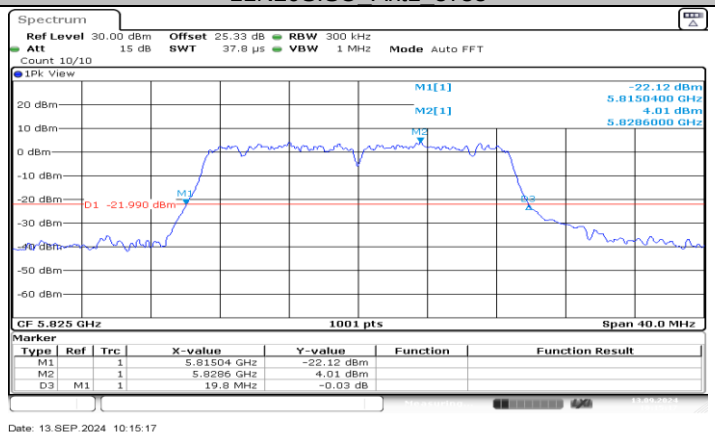


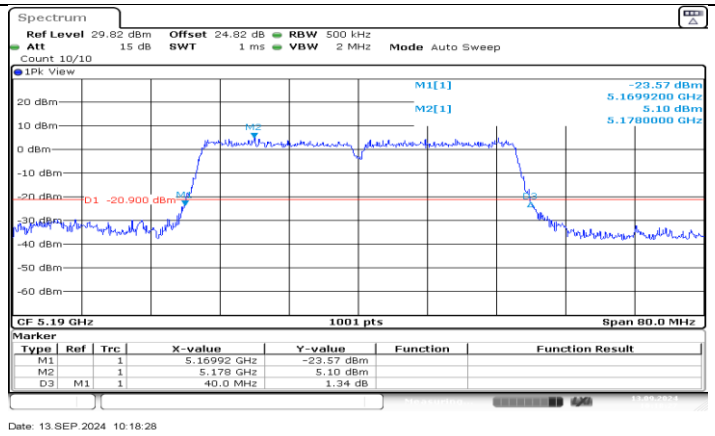
11N20SISO_Ant1_5745



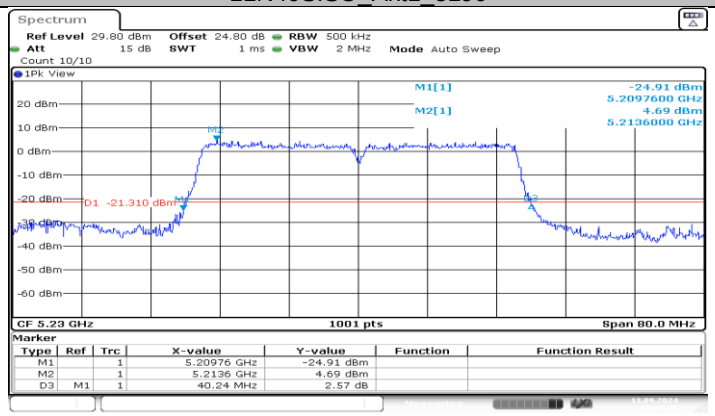
11N20SISO_Ant1_5785



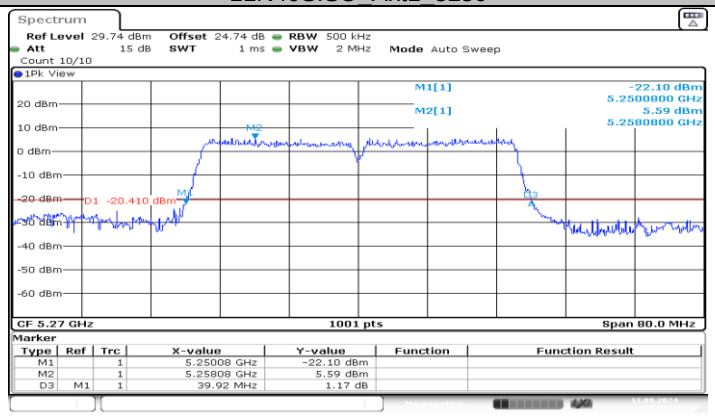
11N20SISO_Ant1_5825



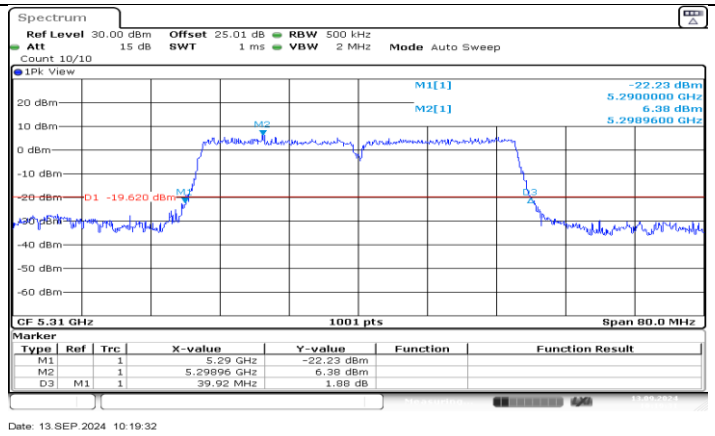
11N40SISO_Ant1_5190



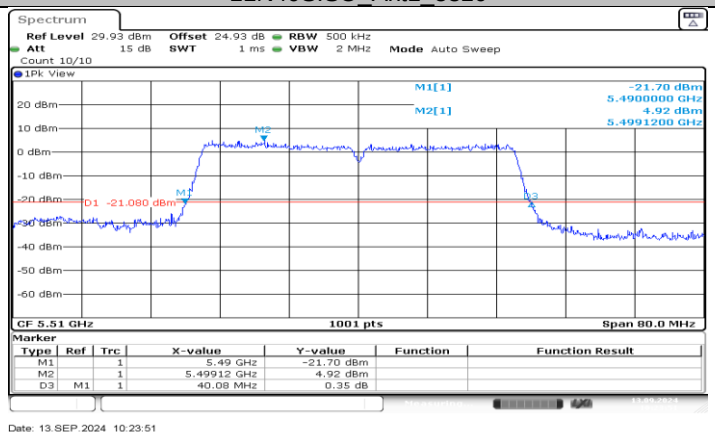
11N40SISO_Ant1_5230



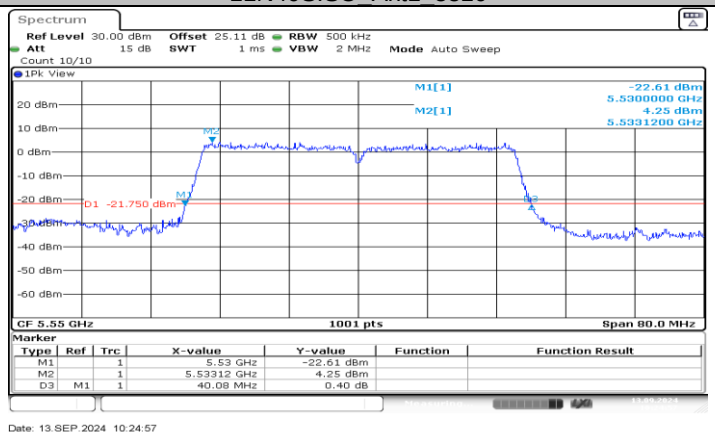
11N40SISO_Ant1_5270



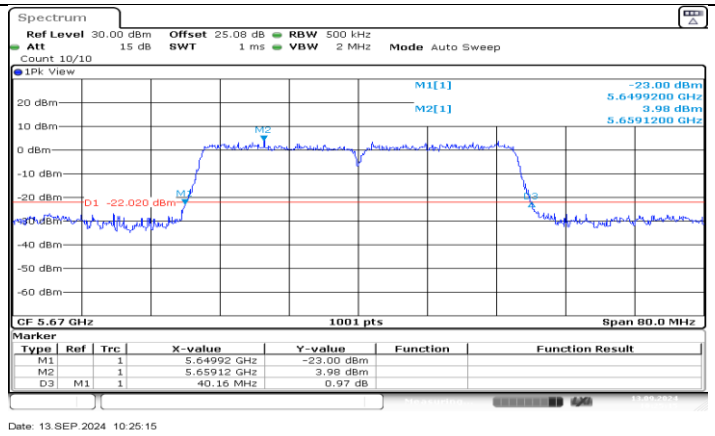
11N40SISO_Ant1_5310



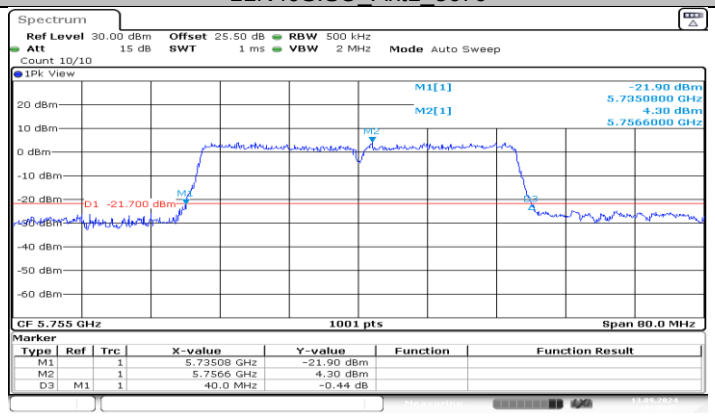
11N40SISO_Ant1_5510



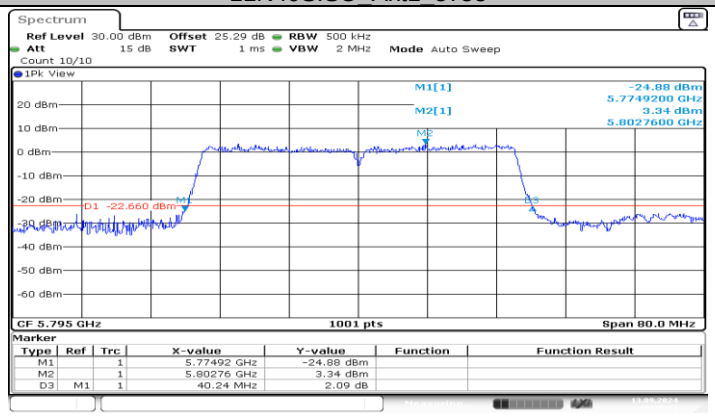
11N40SISO_Ant1_5550



11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



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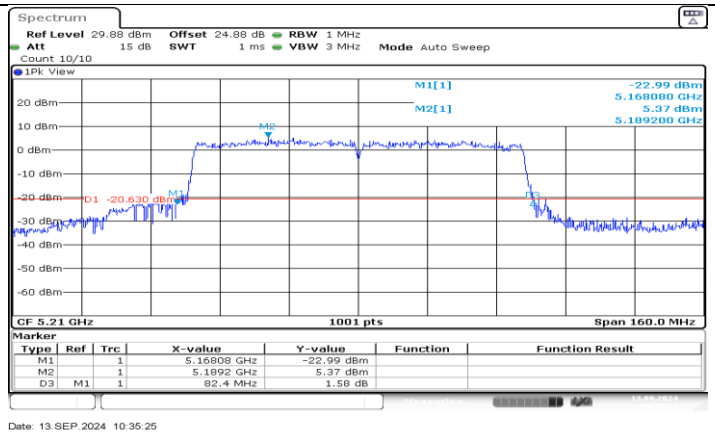
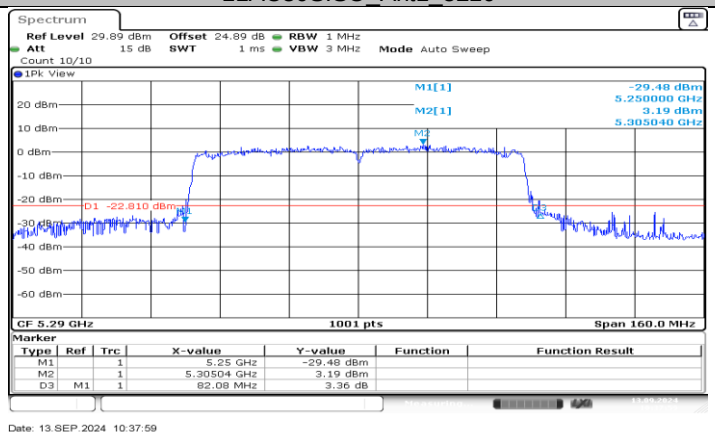
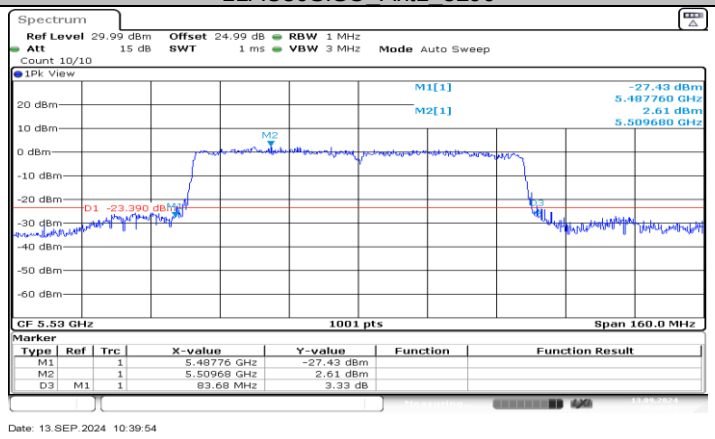


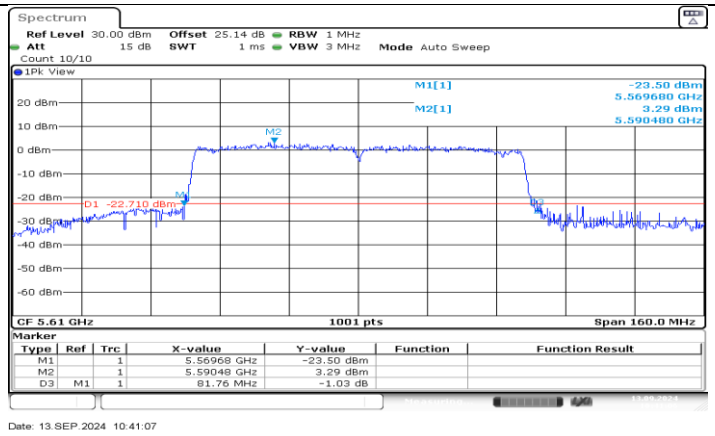
11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



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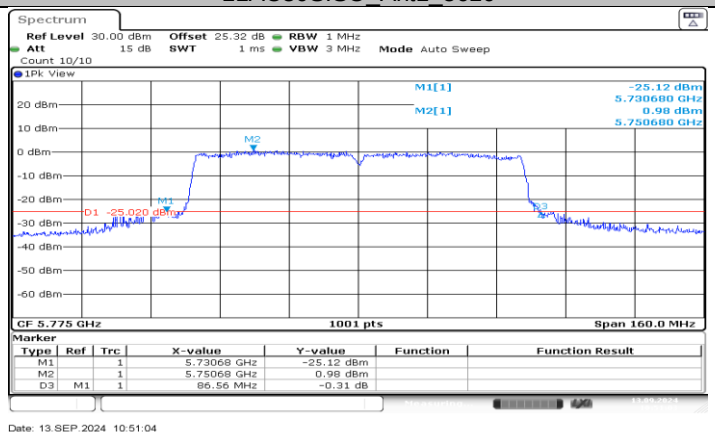


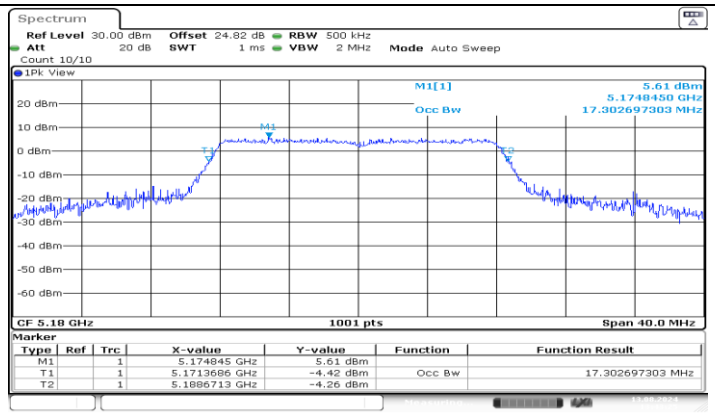
11AC80SISO_Ant1_5775

11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

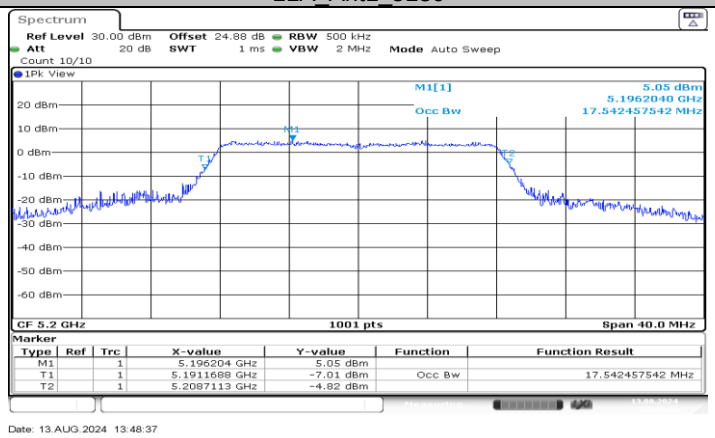
11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.303	5171.3686	5188.6713
		5200	17.542	5191.1688	5208.7113
		5240	17.622	5231.1688	5248.7912
		5260	17.502	5251.2488	5268.7512
		5280	17.463	5271.2887	5288.7512
		5320	17.502	5311.2488	5328.7512
		5500	17.502	5491.2488	5508.7512
		5580	17.423	5571.2488	5588.6713
		5700	17.542	5691.2088	5708.7512
		5745	17.582	5736.1688	5753.7512
		5785	17.622	5776.2488	5793.8711
		5825	17.542	5816.2887	5833.8312
11N20SISO	Ant1	5180	18.222	5170.8891	5189.1109
		5200	18.462	5190.7293	5209.1908
		5240	18.422	5230.7293	5249.1508
		5260	18.302	5250.8092	5269.1109
		5280	18.422	5270.8092	5289.2308
		5320	18.462	5310.7293	5329.1908
		5500	18.422	5490.7293	5509.1508
		5580	18.462	5570.7692	5589.2308
		5700	18.701	5690.4895	5709.1908
		5745	18.701	5735.4895	5754.1908
		5785	18.901	5775.5694	5794.4705
		5825	18.621	5815.6494	5834.2707
11N40SISO	Ant1	5190	36.444	5171.8581	5208.3017
		5230	36.444	5211.8581	5248.3017
		5270	36.444	5251.9381	5288.3816
		5310	36.523	5291.8581	5328.3816
		5510	36.523	5491.7782	5528.3017
		5550	36.603	5531.7782	5568.3816
		5670	37.083	5651.4585	5688.5415
		5755	37.802	5736.1389	5773.9411
		5795	37.802	5776.2987	5814.1009
11AC80SISO	Ant1	5210	76.084	5171.9580	5248.0420
		5290	75.764	5252.2777	5328.0420
		5530	76.084	5491.7982	5567.8821
		5610	75.924	5571.7982	5647.7223
		5775	76.084	5737.1179	5813.2018

11.2.2. Test Graphs



11A_Ant1_5180



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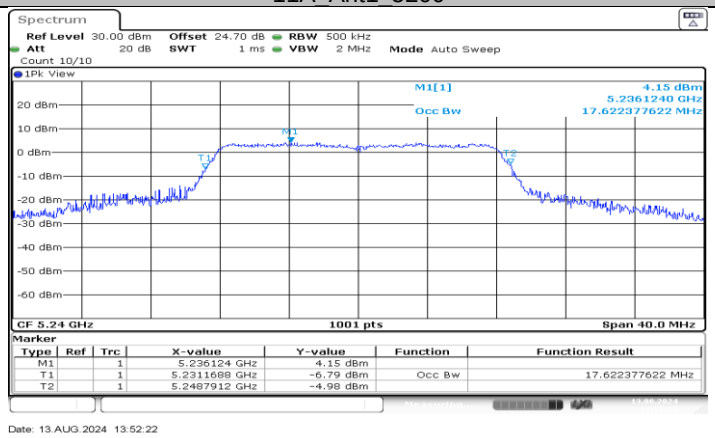
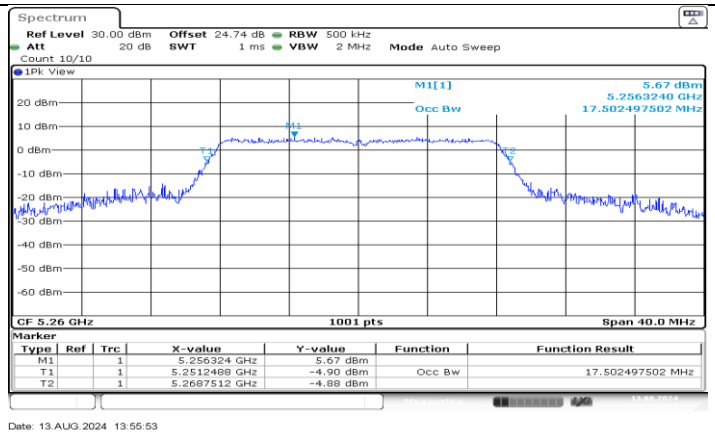
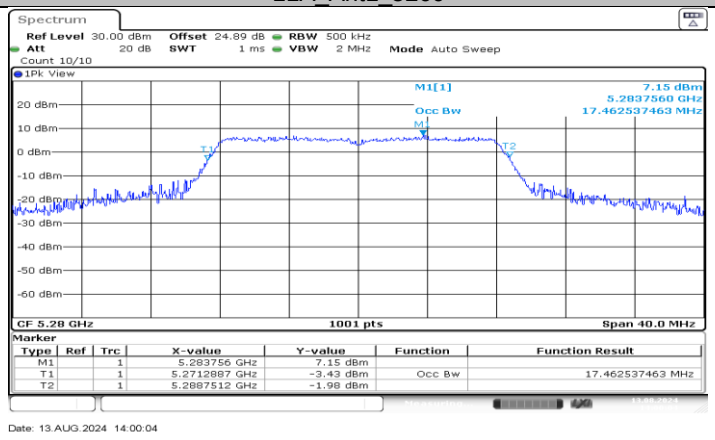


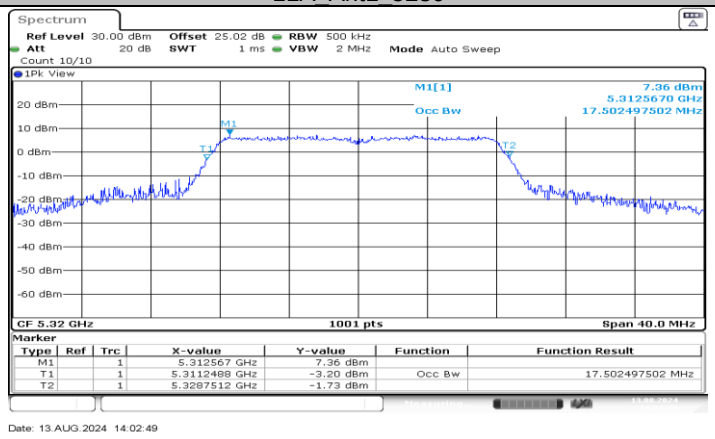
11A_Ant1_5240



11A_Ant1_5260



11A_Ant1_5280



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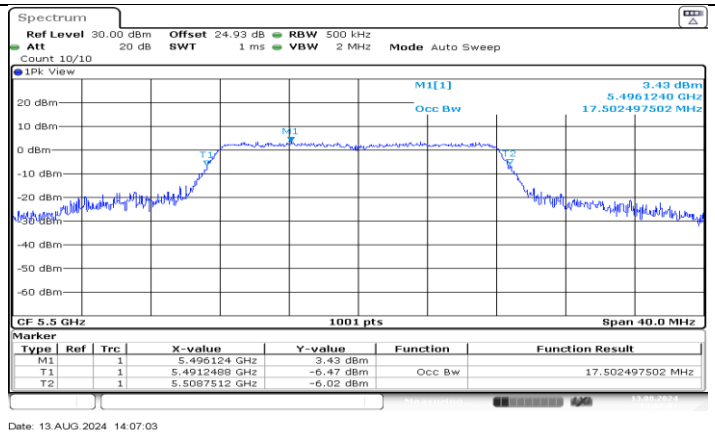
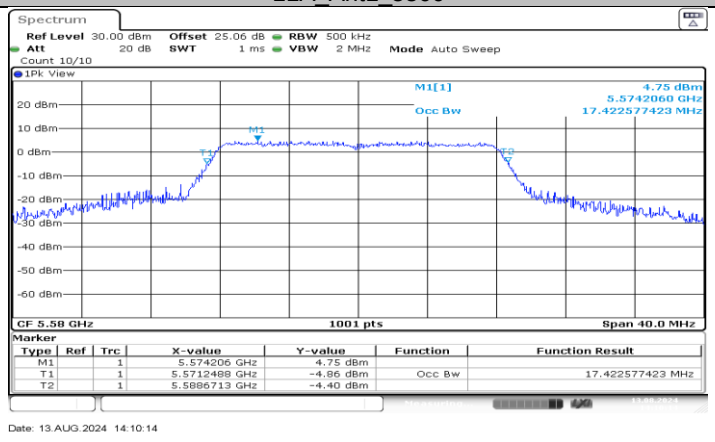
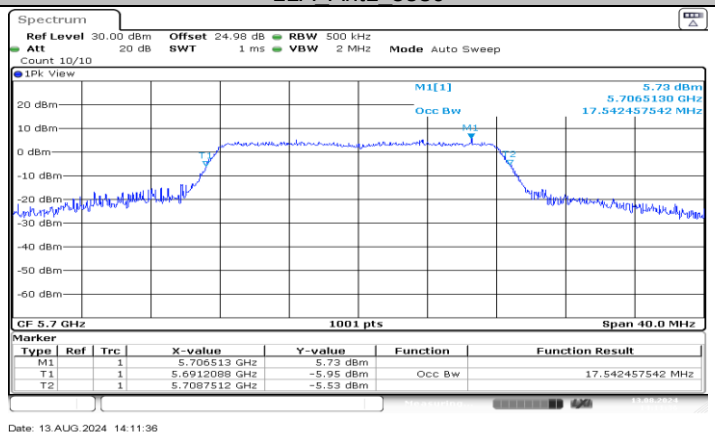


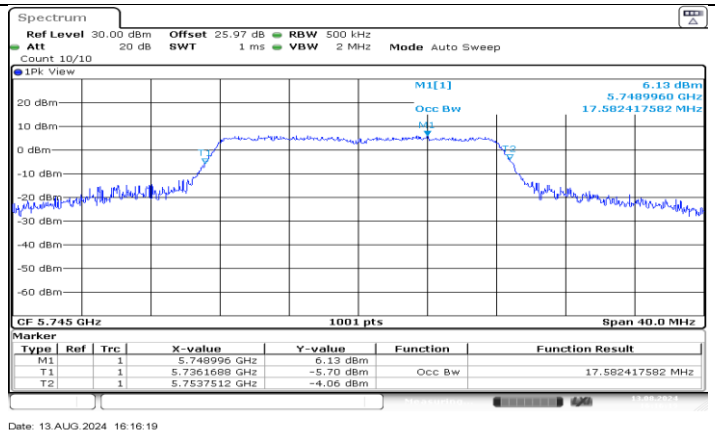
11A_Ant1_5500



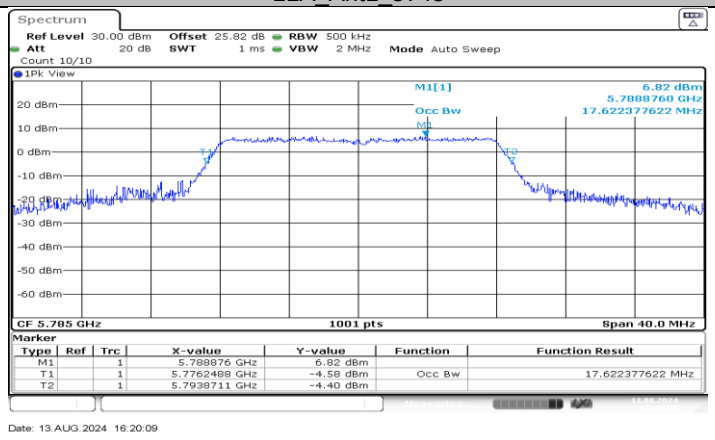
11A_Ant1_5580



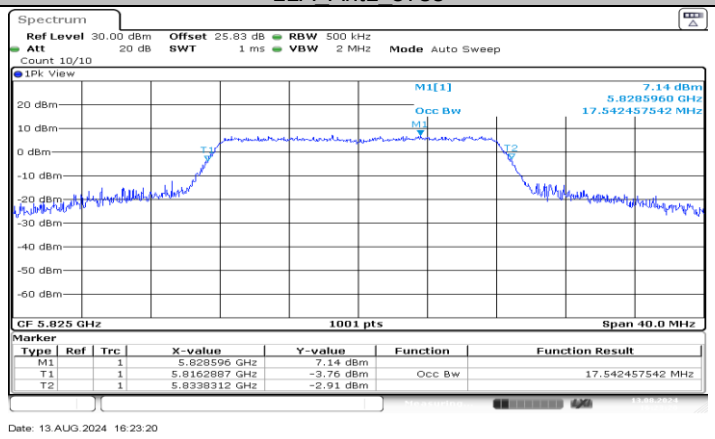
11A_Ant1_5700



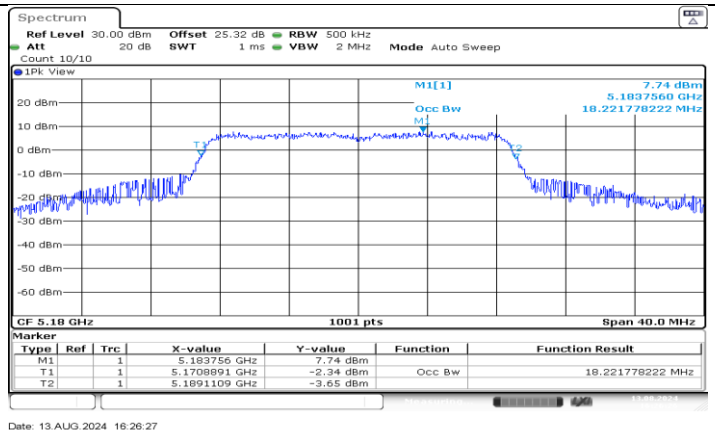
11A_Ant1_5745



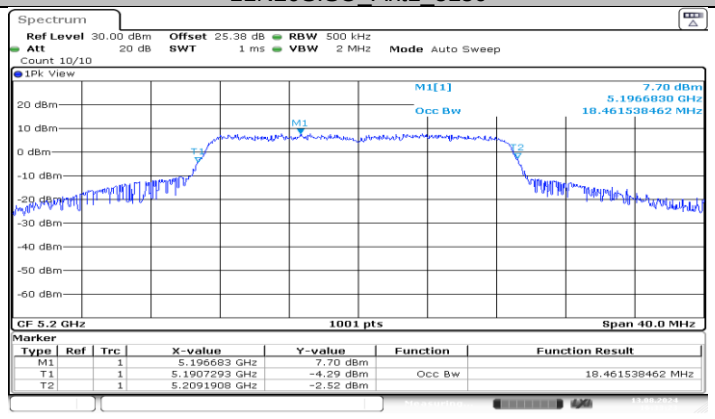
11A_Ant1_5785



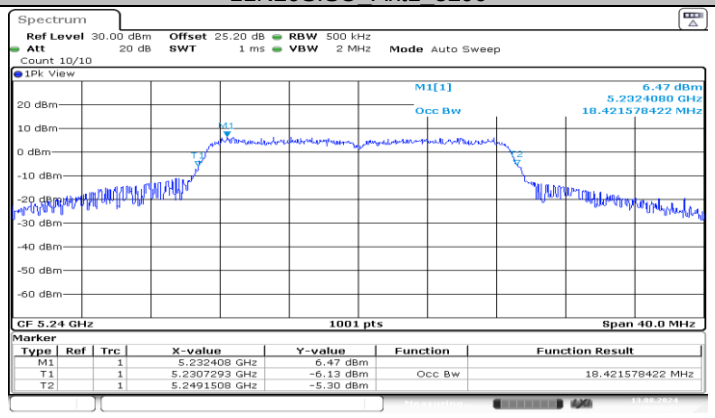
11A_Ant1_5825



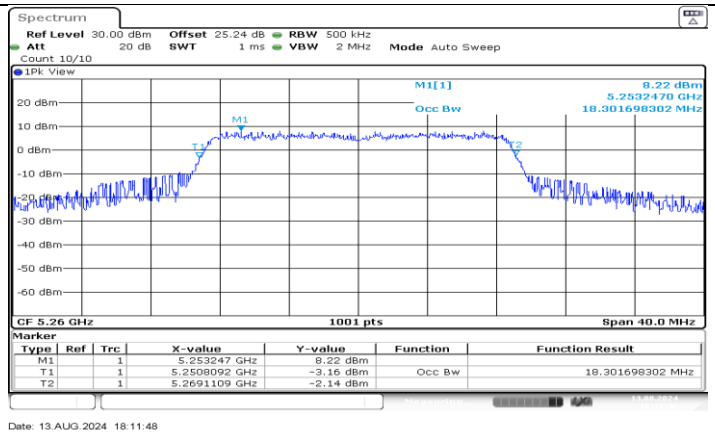
11N20SISO_Ant1_5180



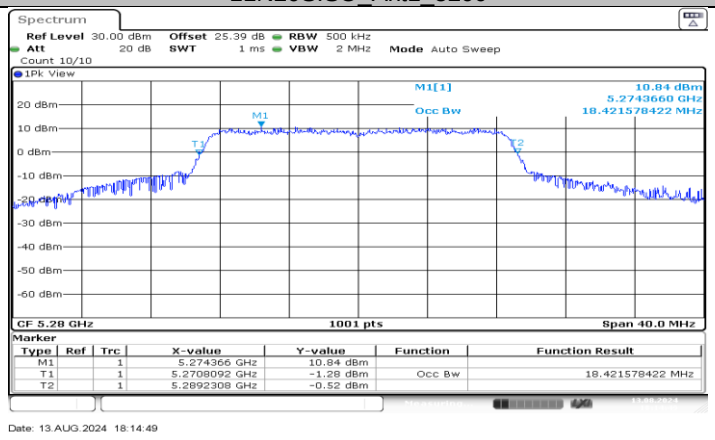
11N20SISO_Ant1_5200



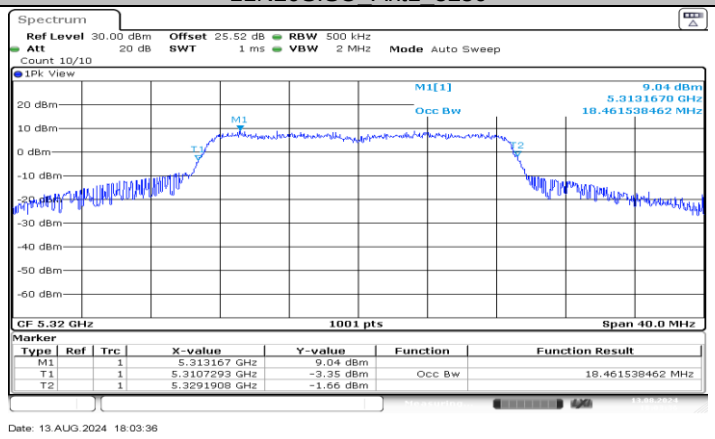
11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



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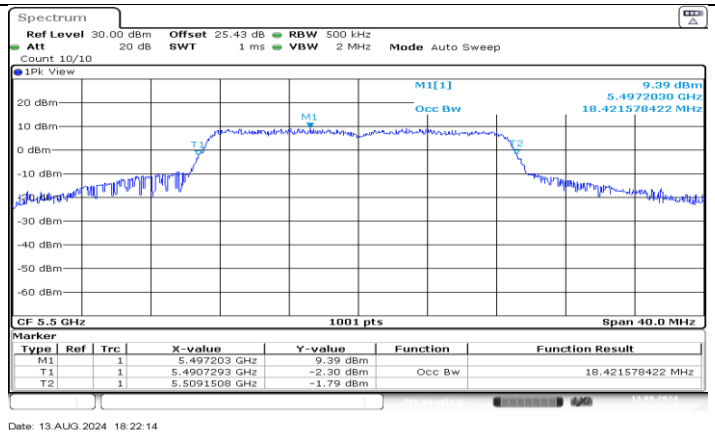
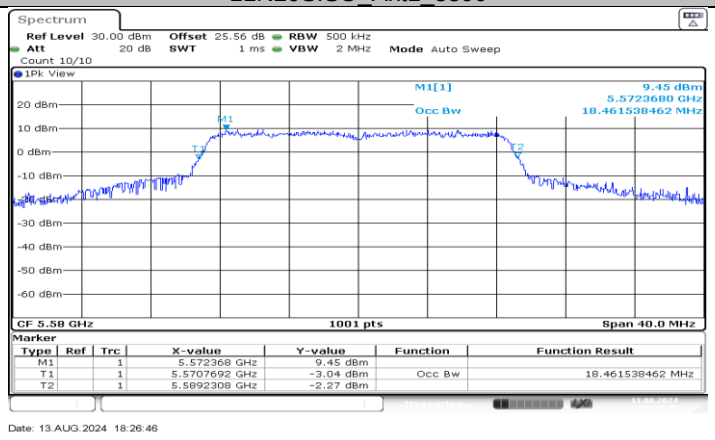


11N20SISO_Ant1_5500



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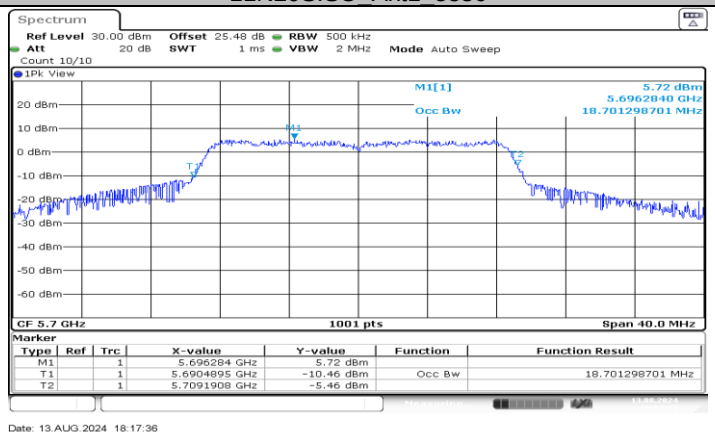

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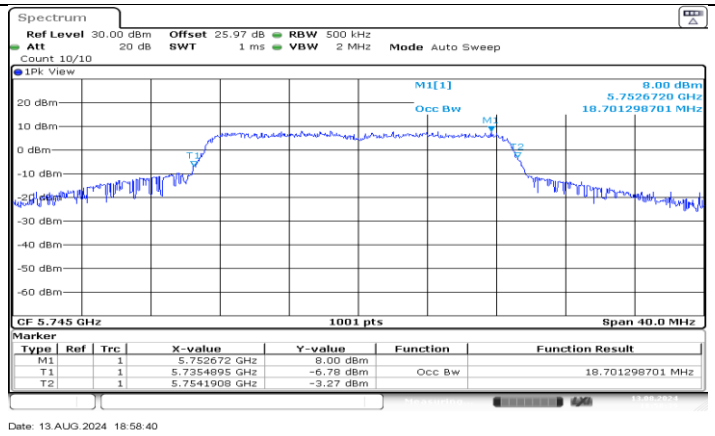

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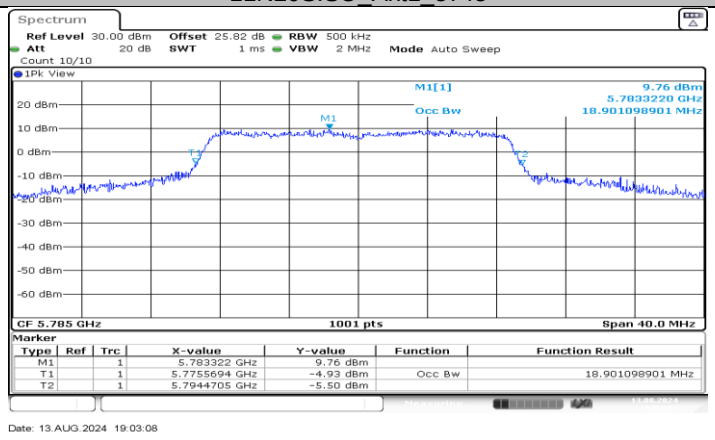
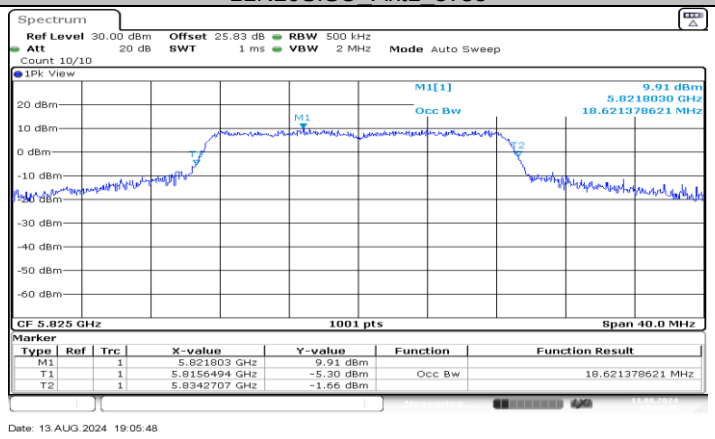
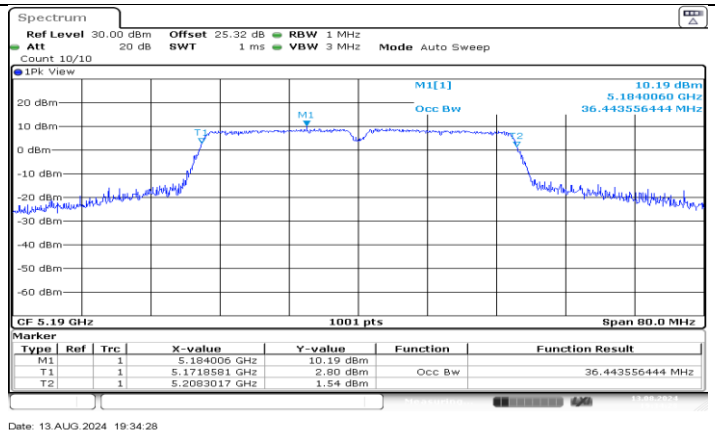


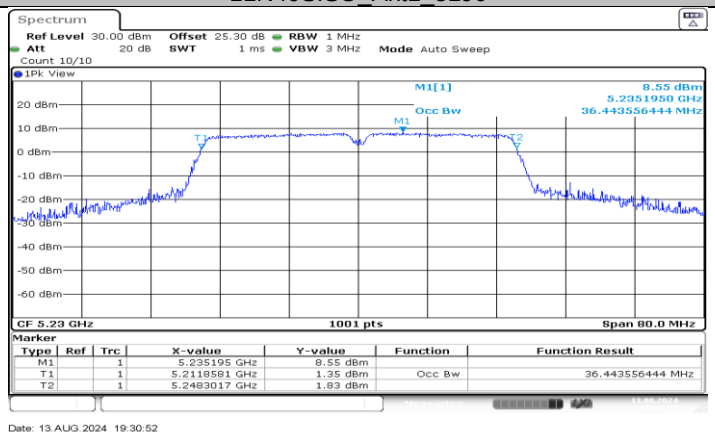
11N20SISO_Ant1_5785



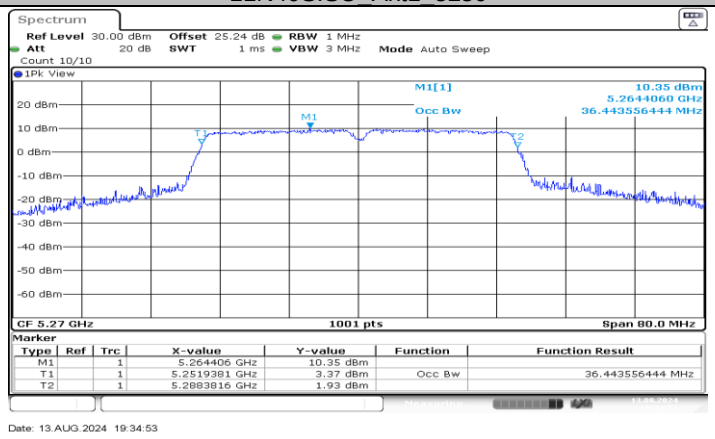
11N20SISO_Ant1_5825



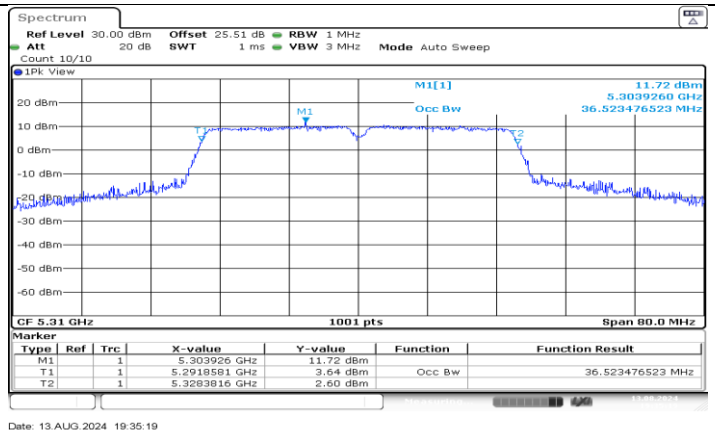
11N40SISO_Ant1_5190



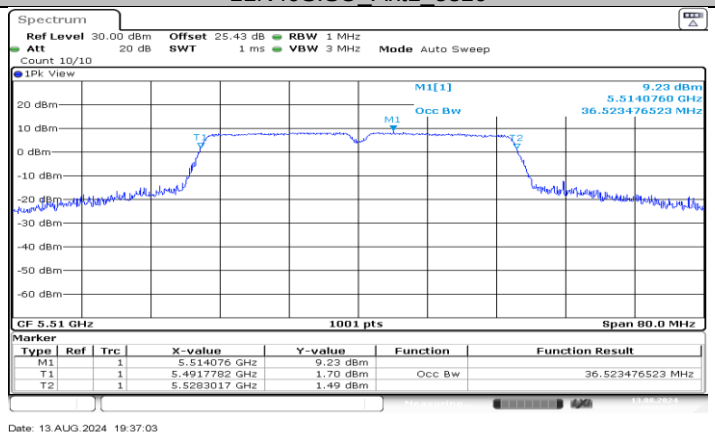
11N40SISO_Ant1_5230



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310



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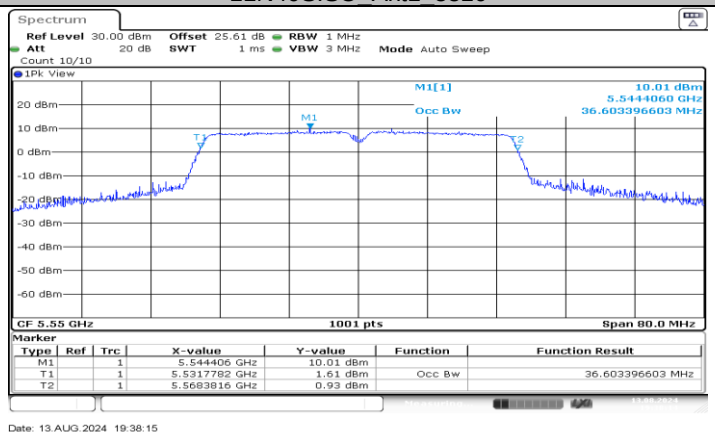
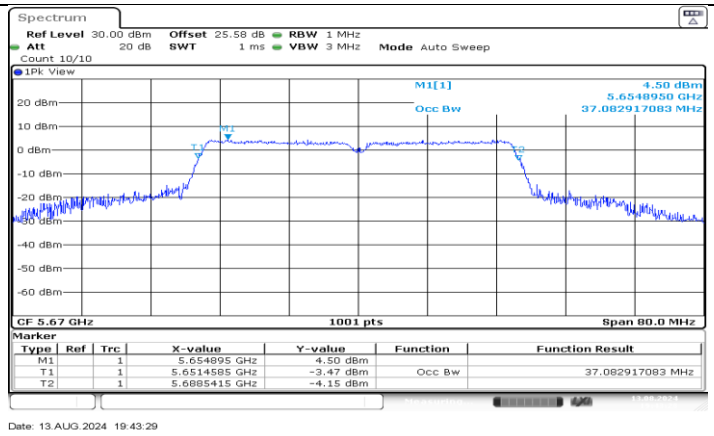
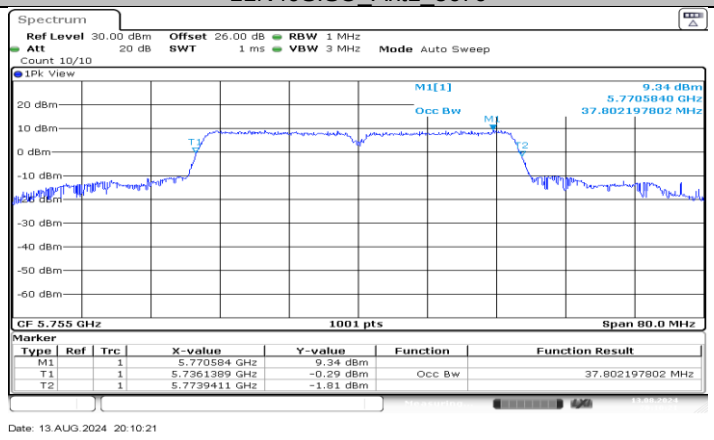


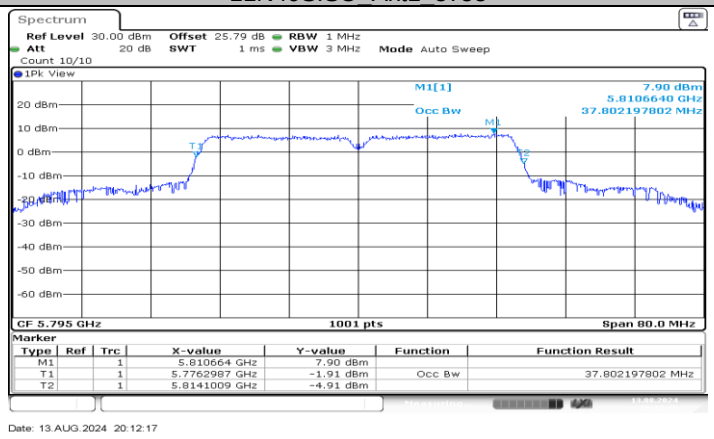
11N40SISO_Ant1_5550



11N40SISO_Ant1_5670



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795