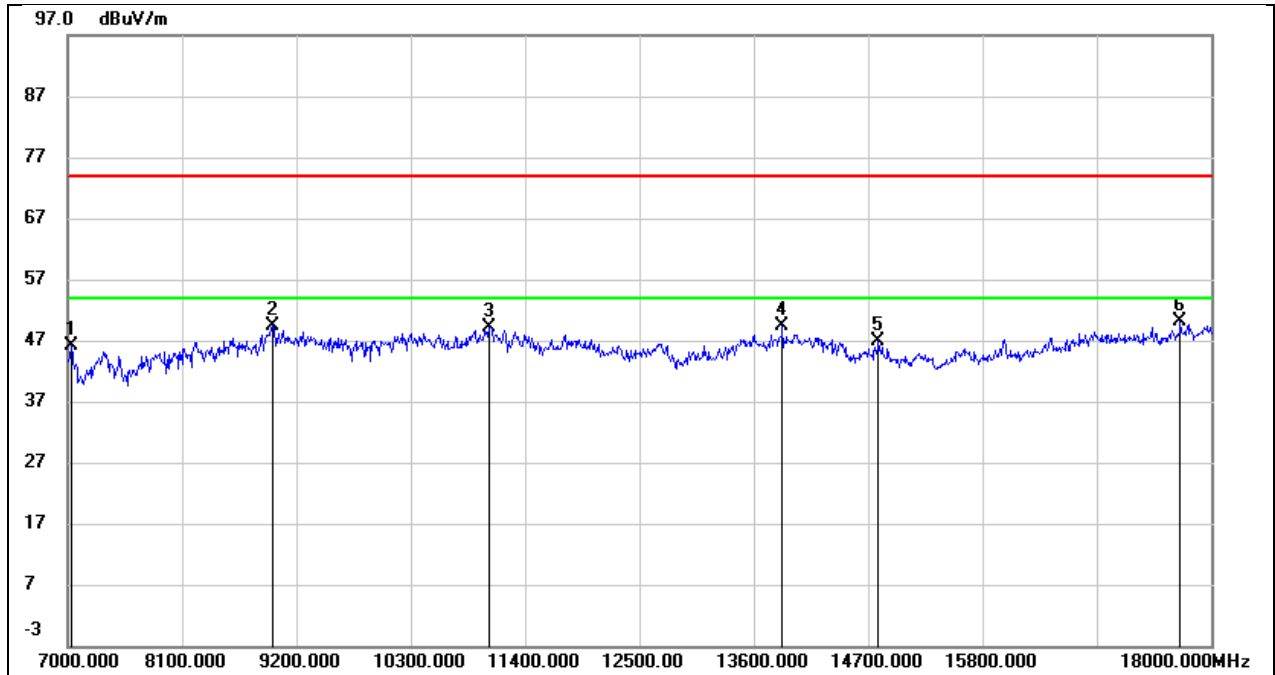
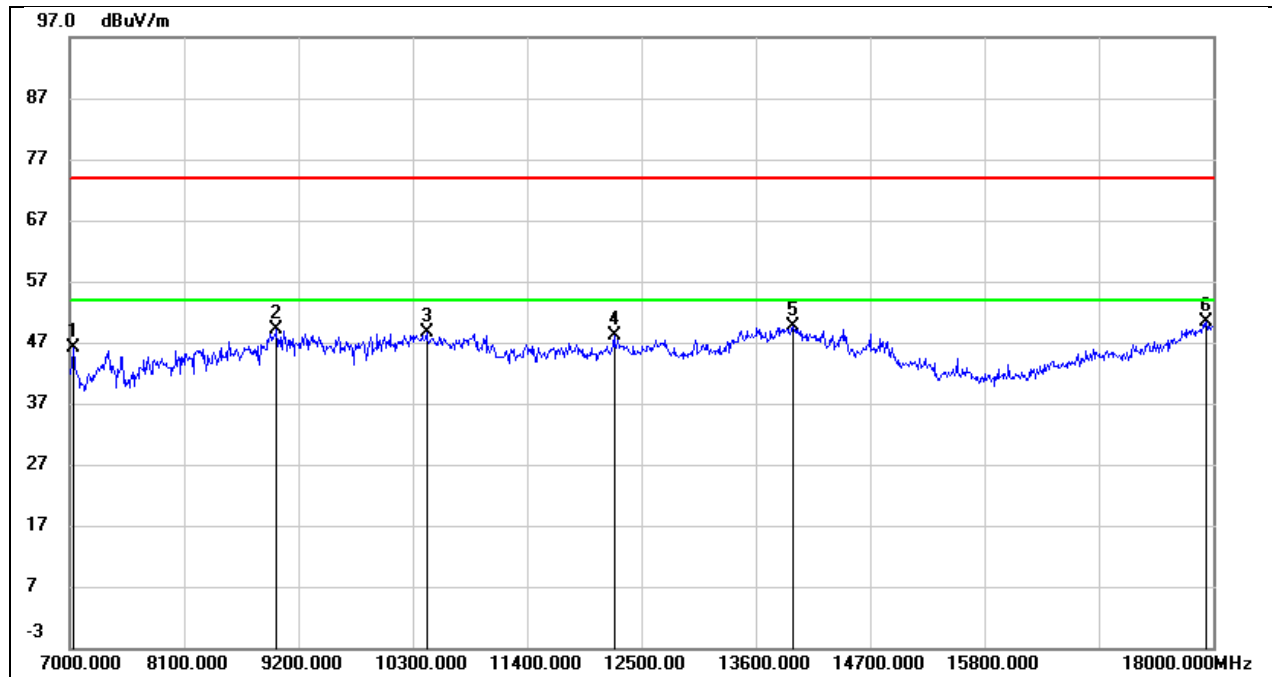


Test Mode:	802.11n HT20	Frequency(MHz):	5700
Polarity:	Vertical	Test Voltage:	DC 20V



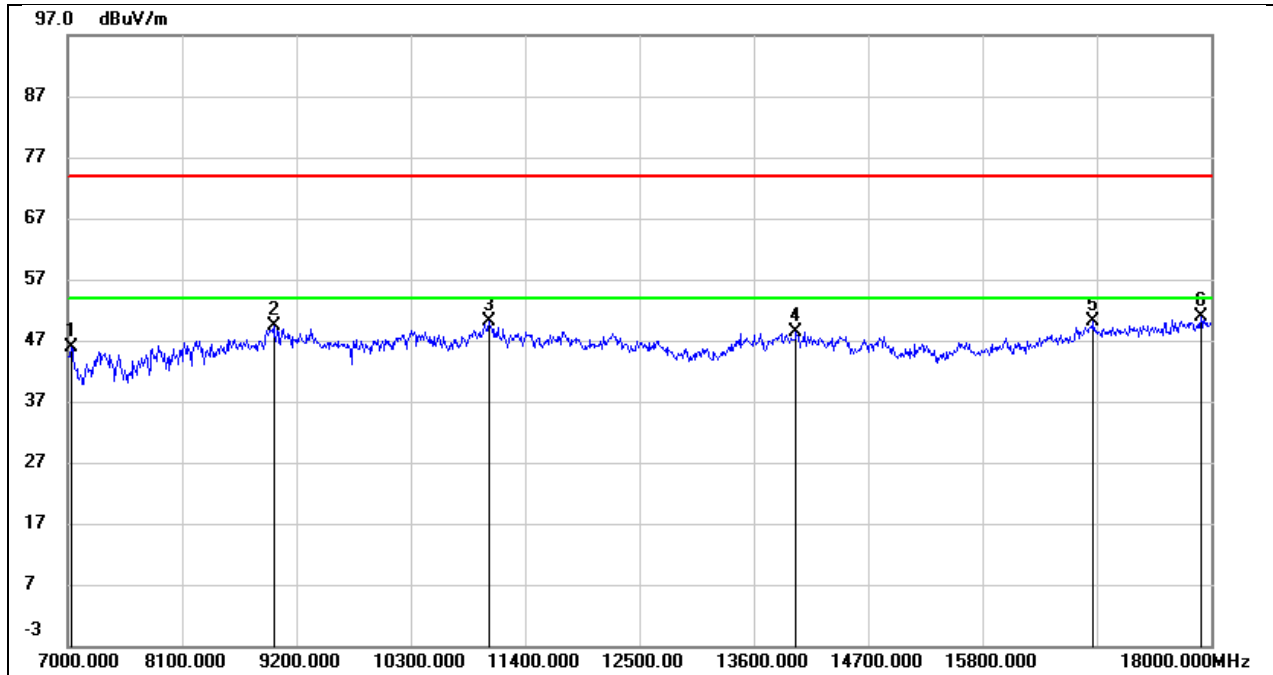
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	37.52	8.56	46.08	74.00	-27.92	peak
2	8969.000	37.54	11.92	49.46	74.00	-24.54	peak
3	11048.000	35.21	14.01	49.22	74.00	-24.78	peak
4	13875.000	28.66	20.69	49.35	74.00	-24.65	peak
5	14799.000	27.08	19.71	46.79	74.00	-27.21	peak
6	17703.000	24.93	25.14	50.07	74.00	-23.93	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5720
Polarity:	Horizontal	Test Voltage:	DC 20V



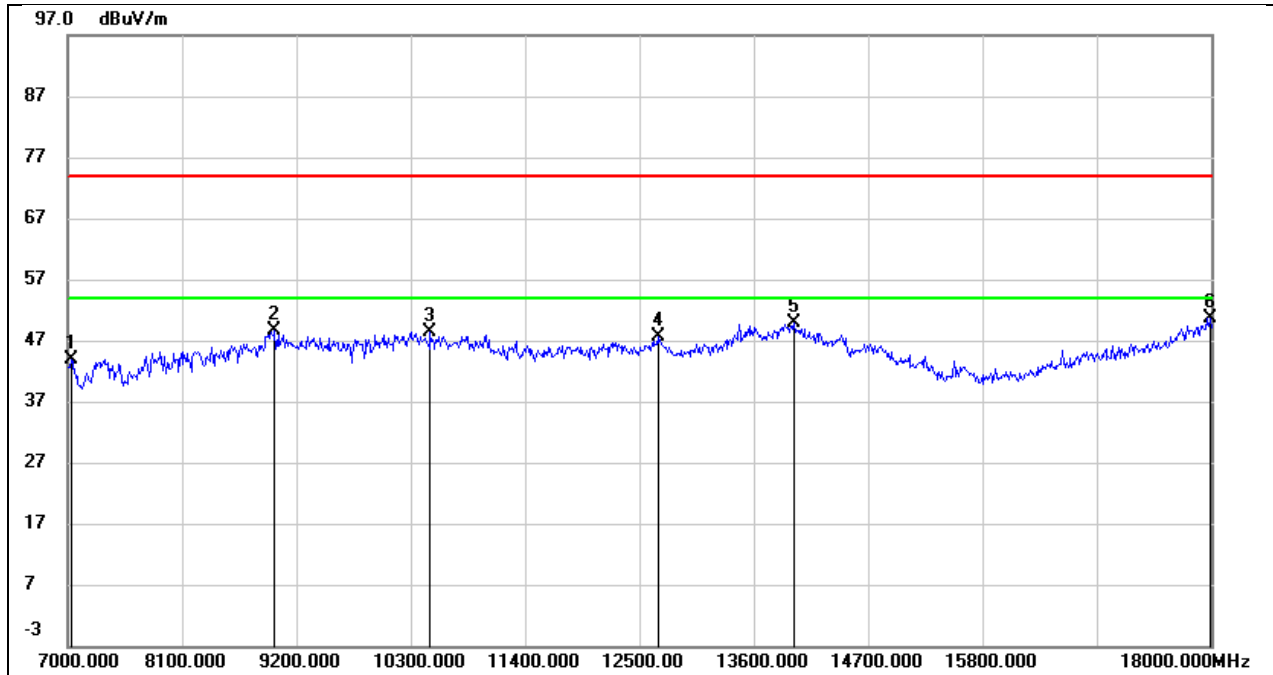
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	38.48	7.69	46.17	74.00	-27.83	peak
2	8991.000	37.26	11.83	49.09	74.00	-24.91	peak
3	10432.000	35.66	13.07	48.73	74.00	-25.27	peak
4	12236.000	29.88	18.15	48.03	74.00	-25.97	peak
5	13952.000	27.15	22.39	49.54	74.00	-24.46	peak
6	17934.000	22.37	28.09	50.46	74.00	-23.54	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5720
Polarity:	Vertical	Test Voltage:	DC 20V



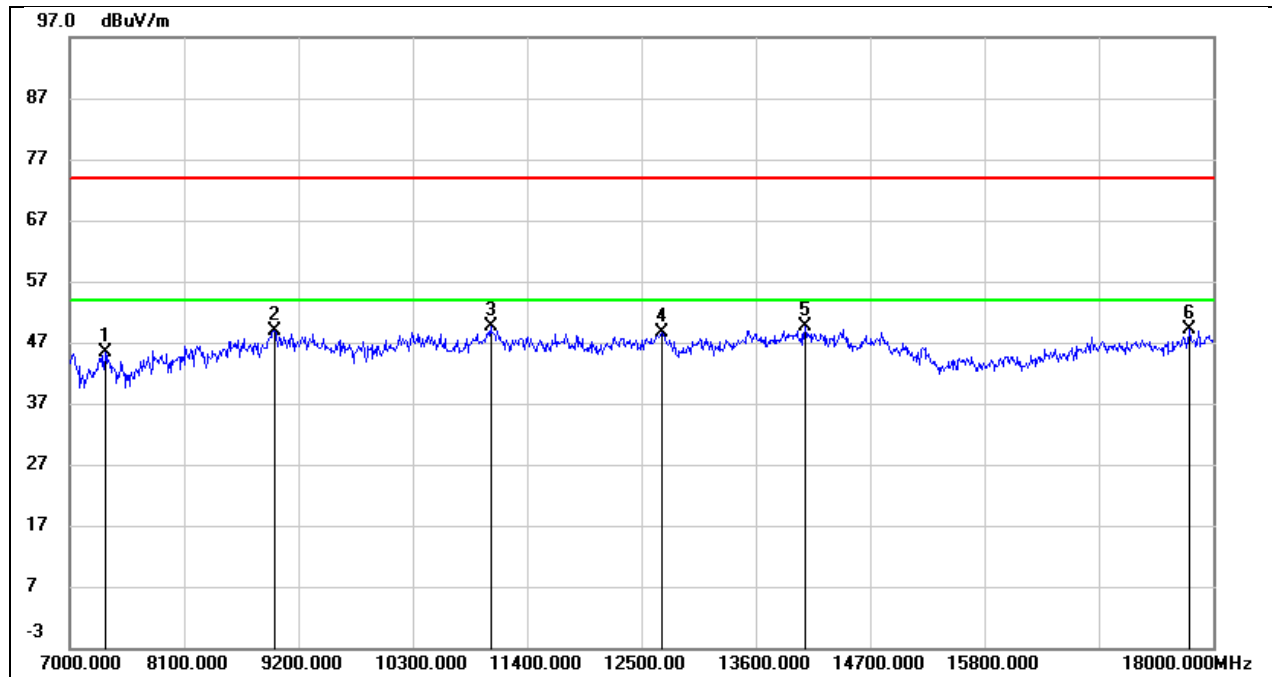
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	37.20	8.56	45.76	74.00	-28.24	peak
2	8980.000	37.37	12.07	49.44	74.00	-24.56	peak
3	11048.000	36.11	14.01	50.12	74.00	-23.88	peak
4	14007.000	27.51	20.85	48.36	74.00	-25.64	peak
5	16867.000	26.91	23.21	50.12	74.00	-23.88	peak
6	17901.000	24.67	26.12	50.79	74.00	-23.21	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	DC 20V



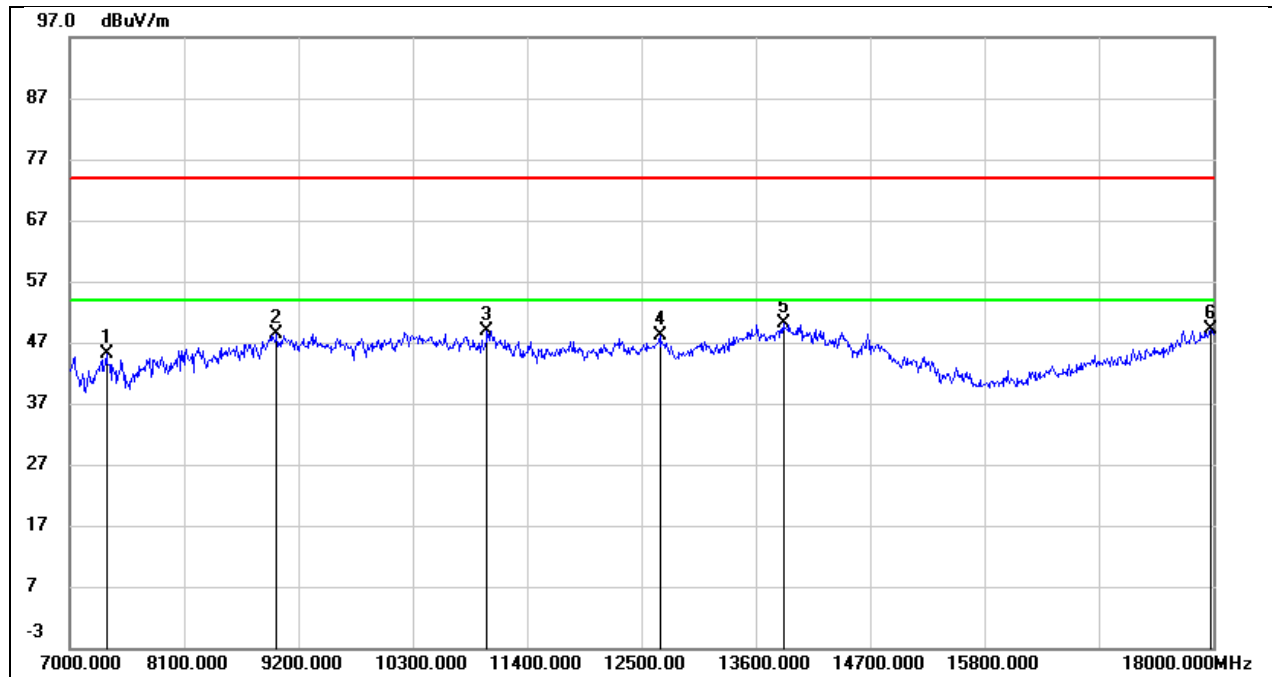
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	36.25	7.69	43.94	74.00	-30.06	peak
2	8991.000	36.76	11.83	48.59	74.00	-25.41	peak
3	10487.000	35.24	13.17	48.41	74.00	-25.59	peak
4	12676.000	29.47	18.14	47.61	74.00	-26.39	peak
5	13985.000	27.55	22.42	49.97	74.00	-24.03	peak
6	17989.000	22.16	28.41	50.57	74.00	-23.43	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	DC 20V



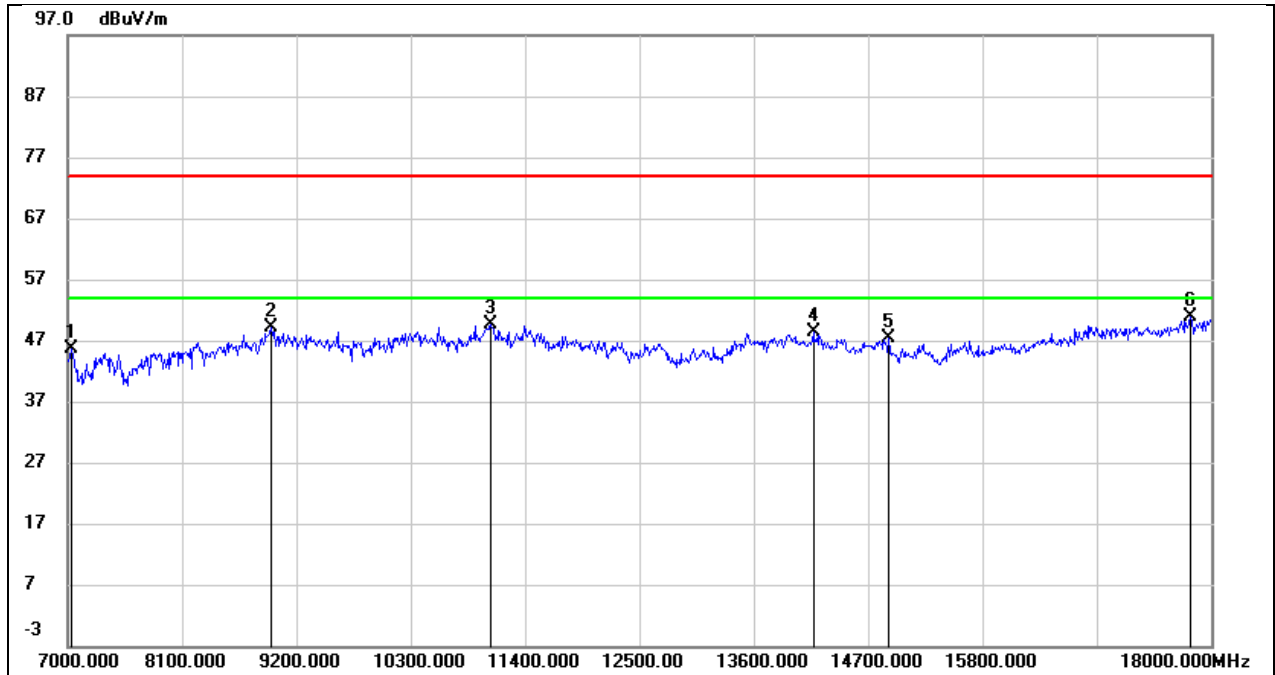
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	36.66	8.79	45.45	74.00	-28.55	peak
2	8969.000	36.89	11.92	48.81	74.00	-25.19	peak
3	11048.000	35.54	14.01	49.55	74.00	-24.45	peak
4	12698.000	31.54	17.18	48.72	74.00	-25.28	peak
5	14073.000	28.87	20.83	49.70	74.00	-24.30	peak
6	17769.000	23.45	25.71	49.16	74.00	-24.84	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	DC 20V



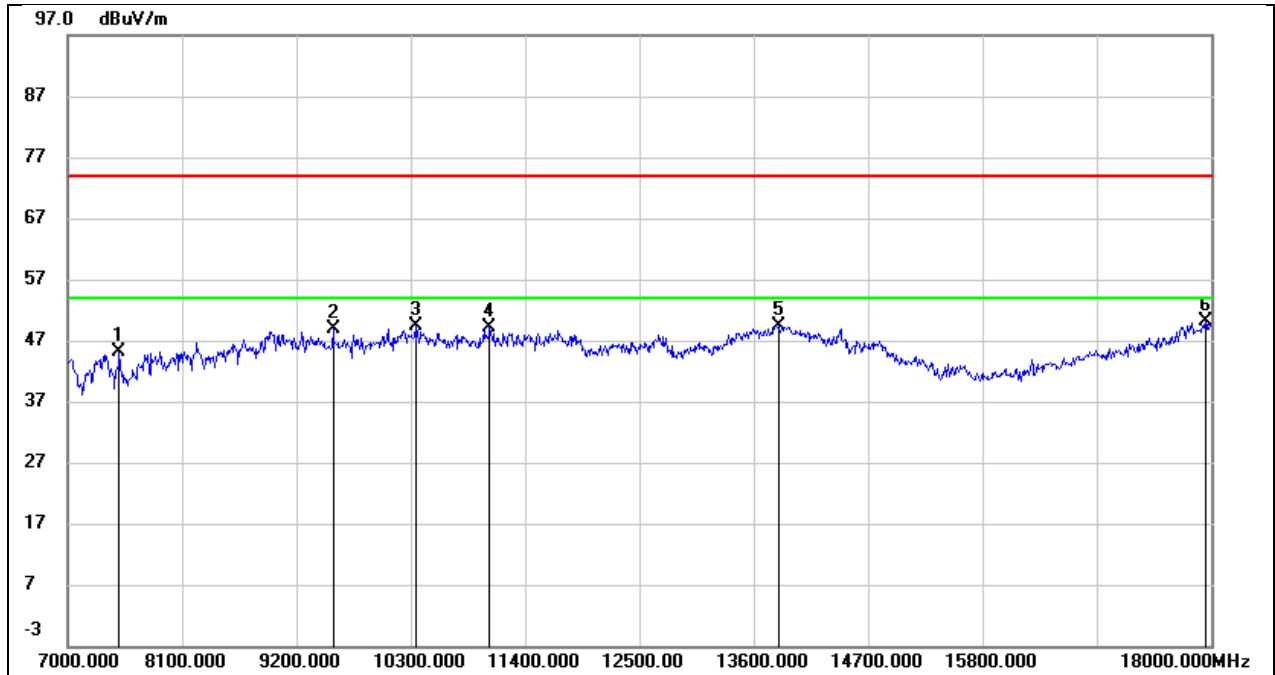
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	37.01	8.24	45.25	74.00	-28.75	peak
2	8991.000	36.61	11.83	48.44	74.00	-25.56	peak
3	11015.000	34.08	14.82	48.90	74.00	-25.10	peak
4	12676.000	30.00	18.14	48.14	74.00	-25.86	peak
5	13864.000	27.94	22.30	50.24	74.00	-23.76	peak
6	17978.000	20.68	28.34	49.02	74.00	-24.98	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 20V



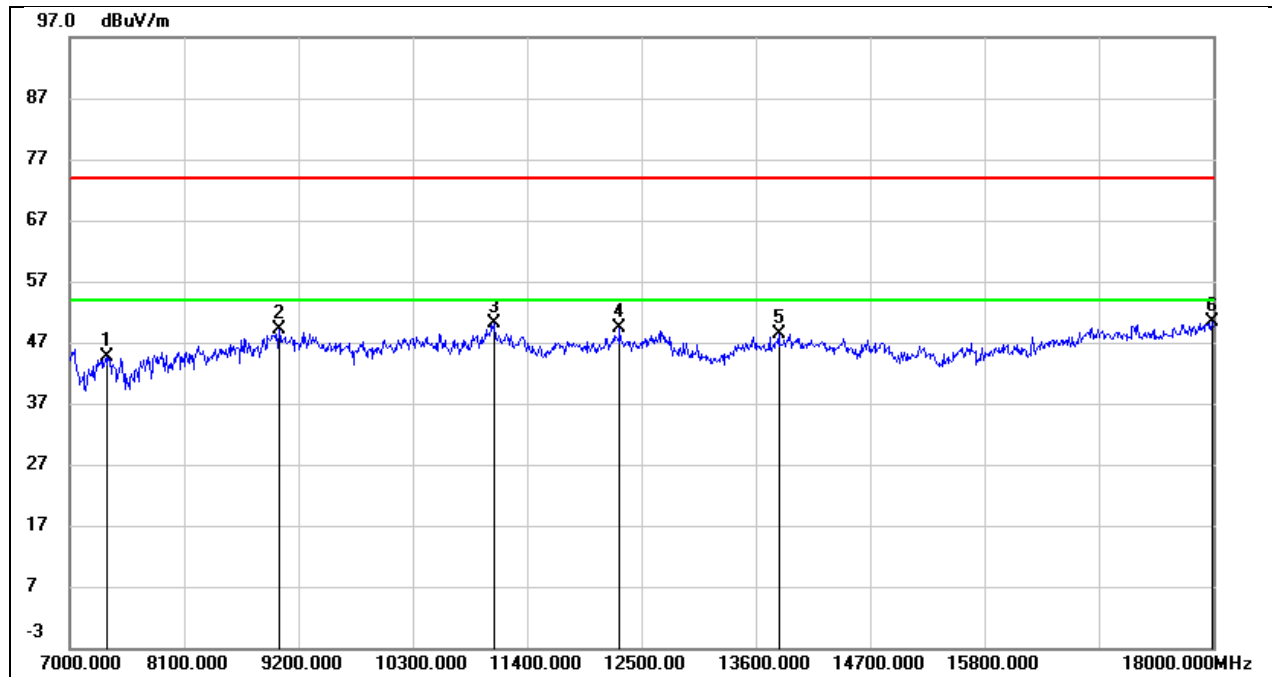
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	37.13	8.56	45.69	74.00	-28.31	peak
2	8958.000	37.41	11.76	49.17	74.00	-24.83	peak
3	11070.000	35.67	14.02	49.69	74.00	-24.31	peak
4	14172.000	27.46	20.81	48.27	74.00	-25.73	peak
5	14898.000	28.13	19.31	47.44	74.00	-26.56	peak
6	17802.000	24.91	25.99	50.90	74.00	-23.10	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 20V



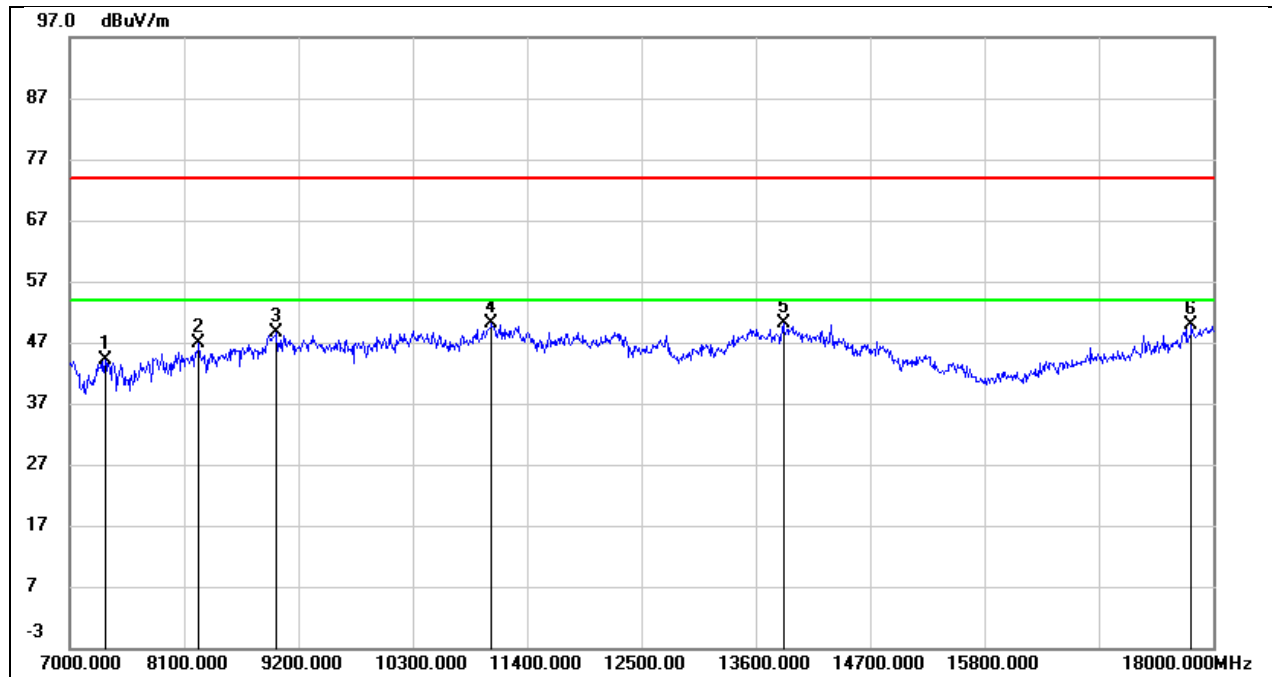
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	37.27	7.81	45.08	74.00	-28.92	peak
2	9552.000	37.75	11.04	48.79	74.00	-25.21	peak
3	10344.000	36.61	12.81	49.42	74.00	-24.58	peak
4	11059.000	34.31	14.90	49.21	74.00	-24.79	peak
5	13842.000	27.18	22.28	49.46	74.00	-24.54	peak
6	17945.000	22.00	28.15	50.15	74.00	-23.85	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 20V



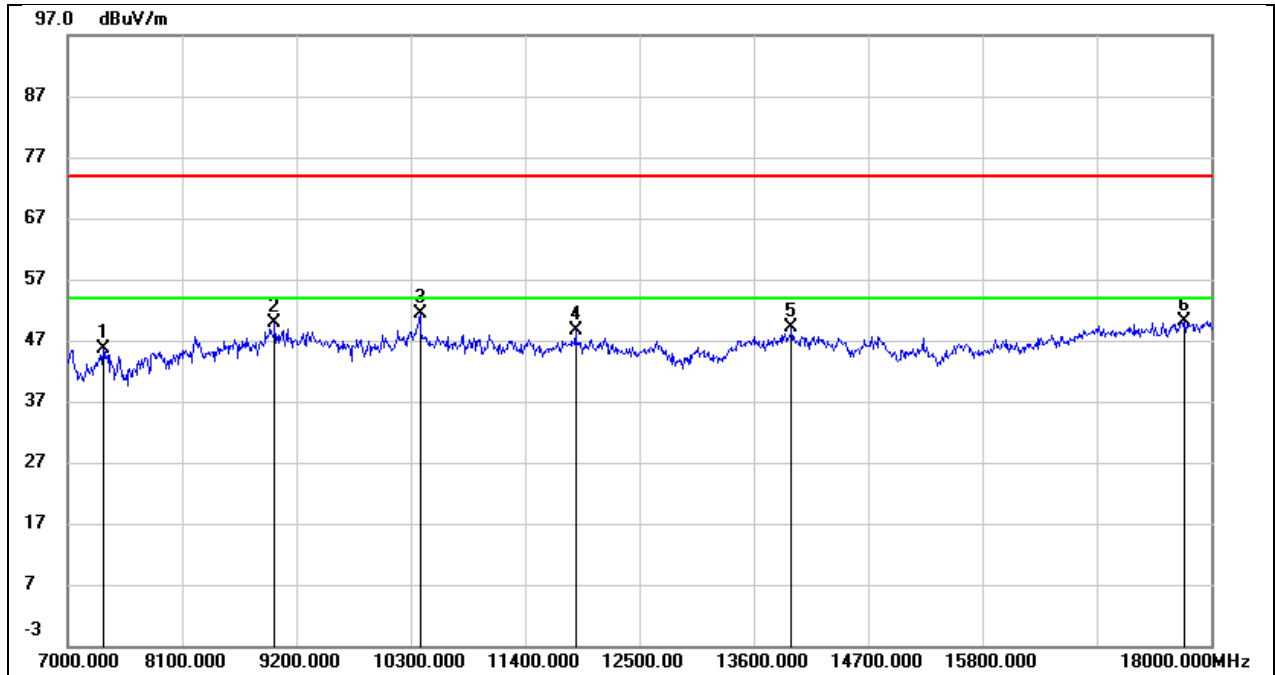
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	35.83	8.86	44.69	74.00	-29.31	peak
2	9013.000	36.82	12.24	49.06	74.00	-24.94	peak
3	11081.000	35.99	14.03	50.02	74.00	-23.98	peak
4	12291.000	31.98	17.30	49.28	74.00	-24.72	peak
5	13820.000	27.78	20.62	48.40	74.00	-25.60	peak
6	17989.000	24.18	26.25	50.43	74.00	-23.57	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 20V



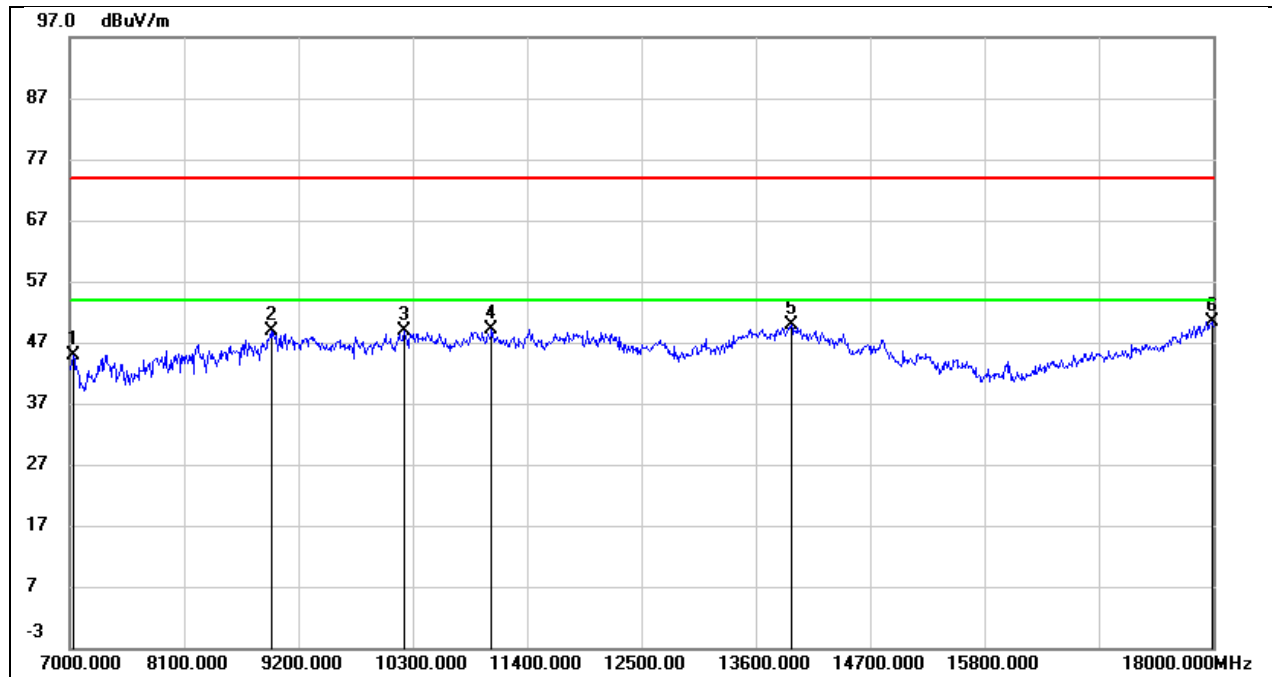
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	35.86	8.17	44.03	74.00	-29.97	peak
2	8243.000	38.27	8.54	46.81	74.00	-27.19	peak
3	8991.000	36.74	11.83	48.57	74.00	-25.43	peak
4	11059.000	35.29	14.90	50.19	74.00	-23.81	peak
5	13864.000	27.93	22.30	50.23	74.00	-23.77	peak
6	17791.000	22.67	27.18	49.85	74.00	-24.15	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 20V



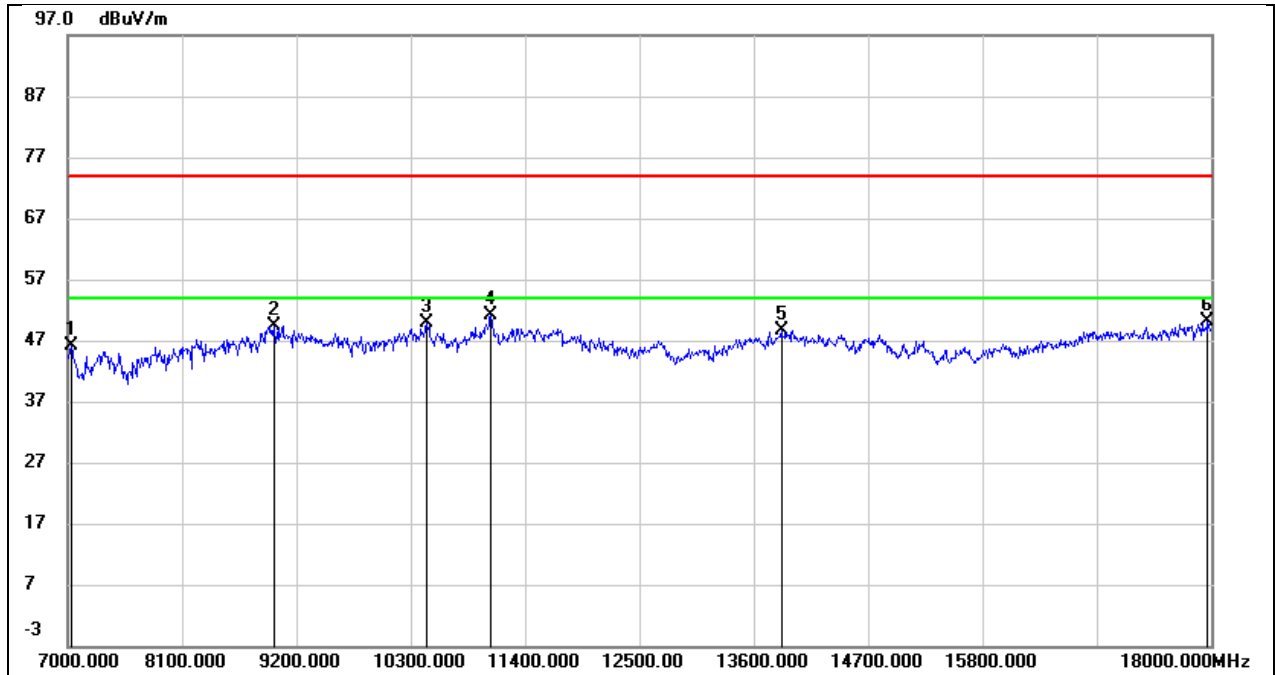
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7341.000	36.96	8.79	45.75	74.00	-28.25	peak
2	8991.000	37.69	12.23	49.92	74.00	-24.08	peak
3	10388.000	38.82	12.66	51.48	74.00	-22.52	peak
4	11884.000	32.28	16.27	48.55	74.00	-25.45	peak
5	13963.000	28.28	20.79	49.07	74.00	-24.93	peak
6	17747.000	24.69	25.53	50.22	74.00	-23.78	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 20V



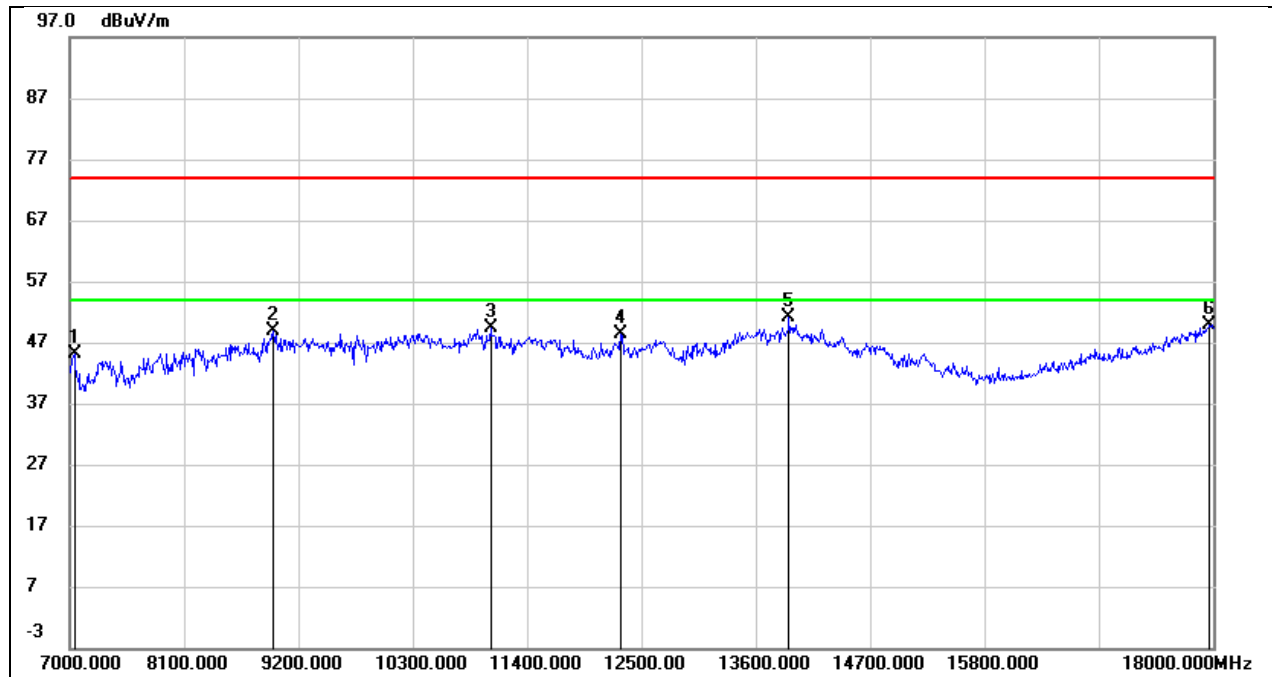
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	37.23	7.69	44.92	74.00	-29.08	peak
2	8936.000	37.88	11.01	48.89	74.00	-25.11	peak
3	10212.000	36.47	12.32	48.79	74.00	-25.21	peak
4	11059.000	34.18	14.90	49.08	74.00	-24.92	peak
5	13941.000	27.60	22.38	49.98	74.00	-24.02	peak
6	17989.000	21.99	28.41	50.40	74.00	-23.60	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 20V



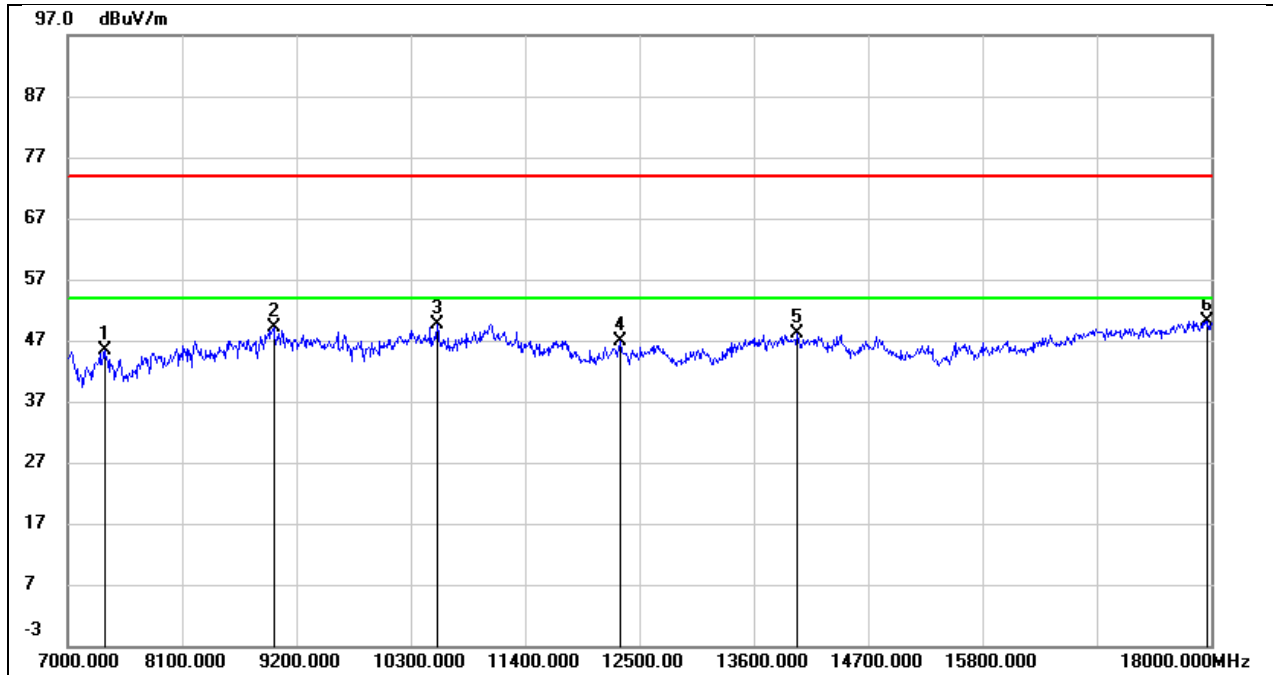
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	37.61	8.56	46.17	74.00	-27.83	peak
2	8980.000	37.25	12.07	49.32	74.00	-24.68	peak
3	10454.000	37.11	12.87	49.98	74.00	-24.02	peak
4	11070.000	37.07	14.02	51.09	74.00	-22.91	peak
5	13864.000	27.91	20.67	48.58	74.00	-25.42	peak
6	17967.000	23.79	26.22	50.01	74.00	-23.99	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Horizontal	Test Voltage:	DC 20V



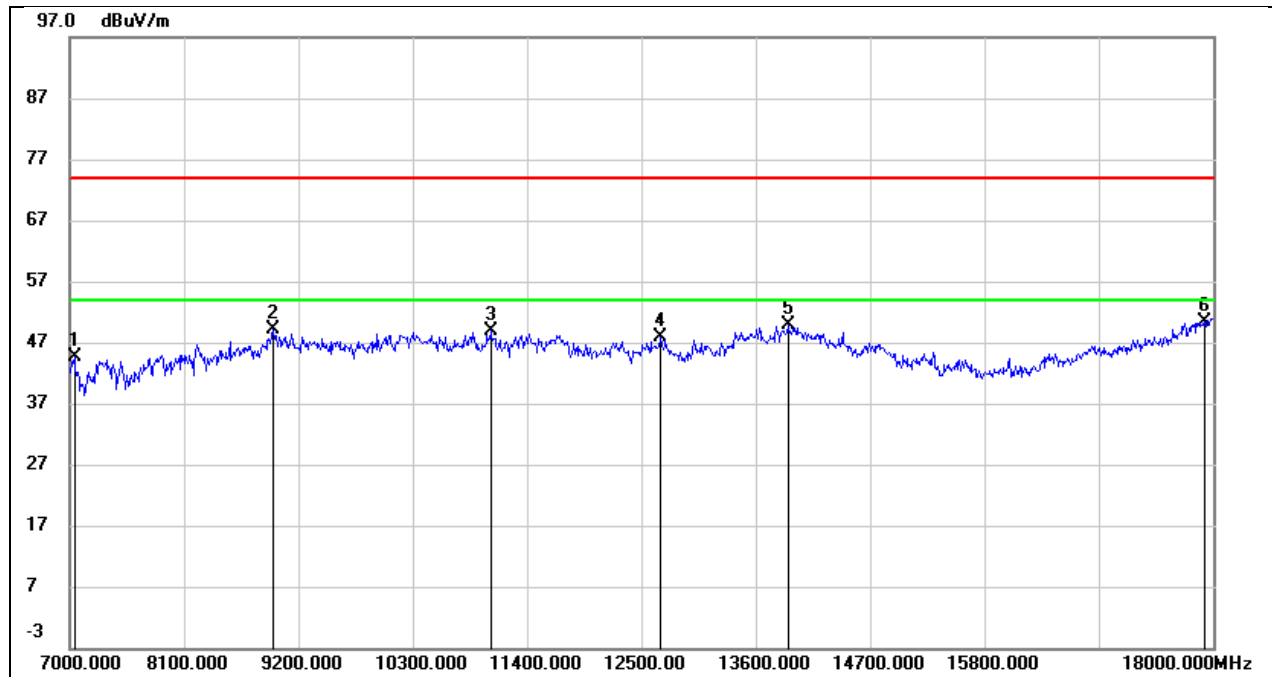
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7044.000	37.39	7.64	45.03	74.00	-28.97	peak
2	8958.000	37.56	11.34	48.90	74.00	-25.10	peak
3	11048.000	34.44	14.88	49.32	74.00	-24.68	peak
4	12302.000	30.18	18.31	48.49	74.00	-25.51	peak
5	13919.000	28.87	22.36	51.23	74.00	-22.77	peak
6	17967.000	21.63	28.28	49.91	74.00	-24.09	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Vertical	Test Voltage:	DC 20V



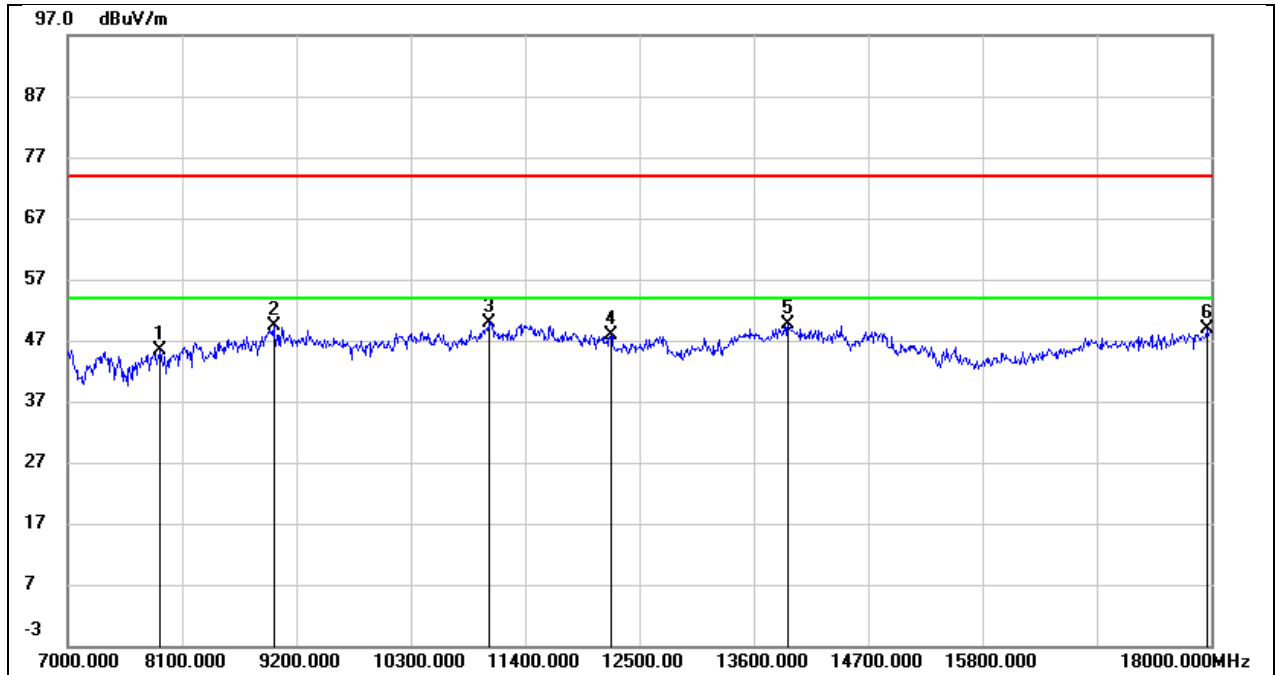
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	36.47	8.86	45.33	74.00	-28.67	peak
2	8980.000	37.13	12.07	49.20	74.00	-24.80	peak
3	10553.000	36.65	13.10	49.75	74.00	-24.25	peak
4	12313.000	29.42	17.36	46.78	74.00	-27.22	peak
5	14018.000	27.37	20.84	48.21	74.00	-25.79	peak
6	17967.000	24.00	26.22	50.22	74.00	-23.78	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Horizontal	Test Voltage:	DC 20V



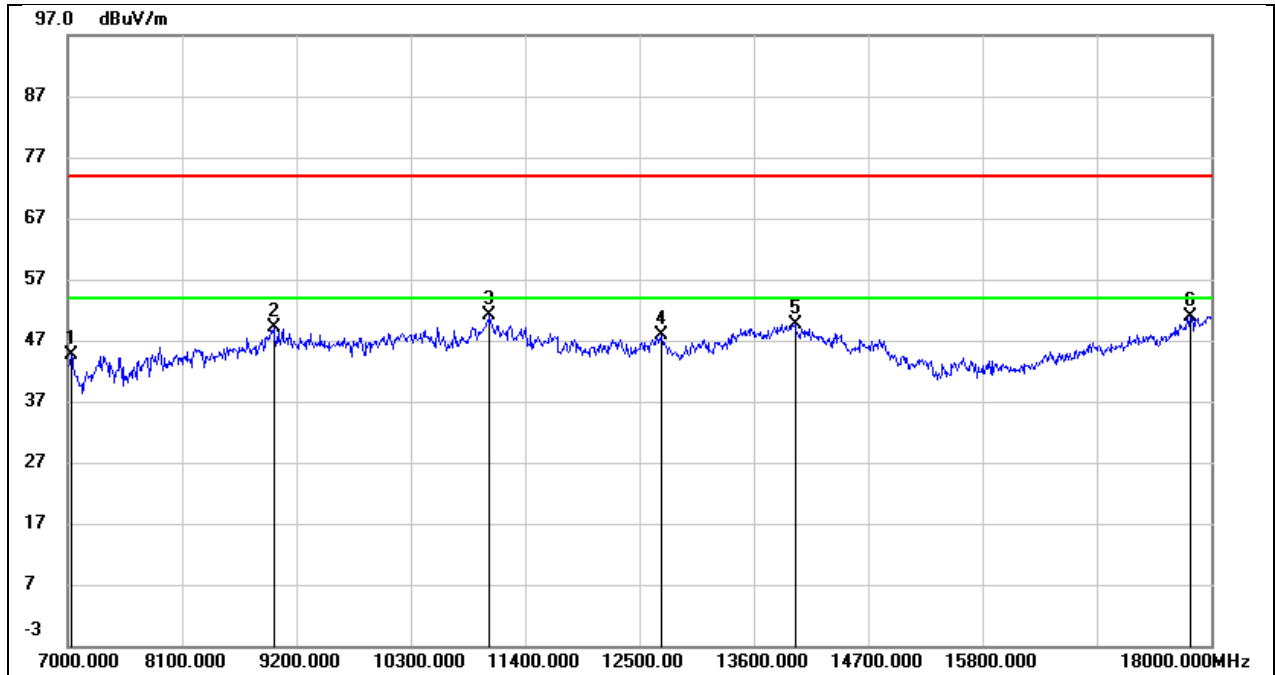
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7044.000	37.00	7.64	44.64	74.00	-29.36	peak
2	8958.000	37.72	11.34	49.06	74.00	-24.94	peak
3	11048.000	33.89	14.88	48.77	74.00	-25.23	peak
4	12687.000	29.77	18.17	47.94	74.00	-26.06	peak
5	13908.000	27.50	22.35	49.85	74.00	-24.15	peak
6	17912.000	22.42	27.96	50.38	74.00	-23.62	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Vertical	Test Voltage:	DC 20V



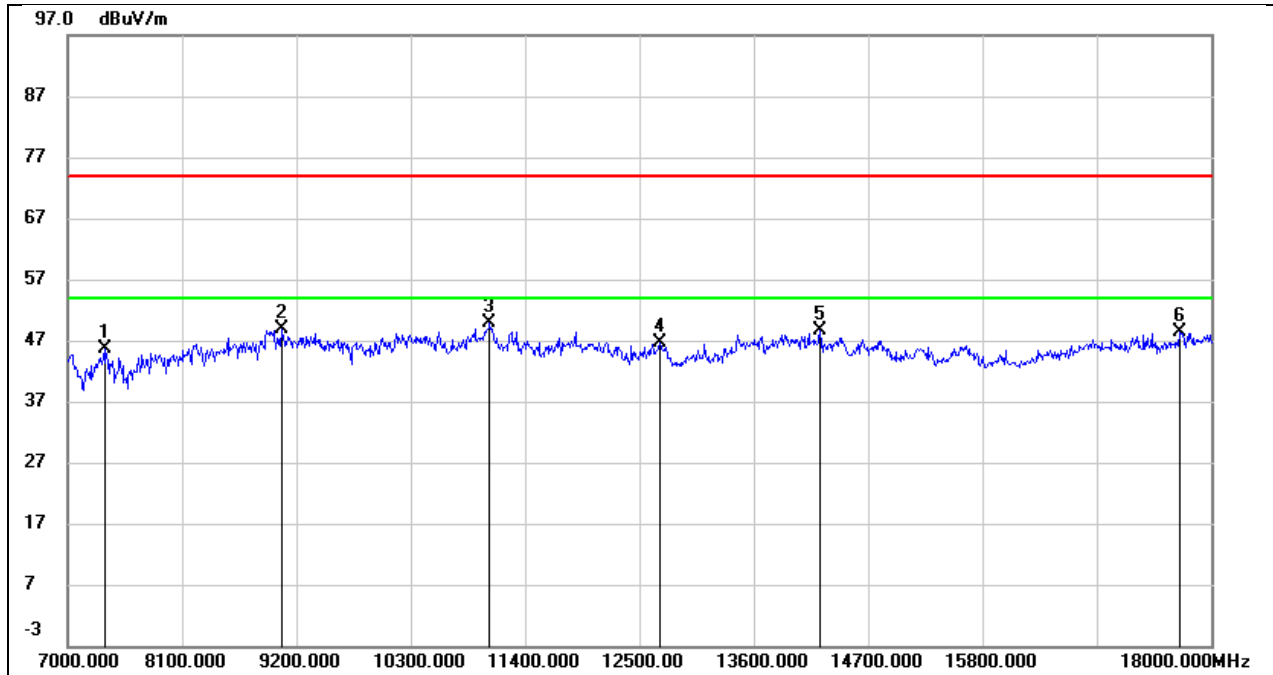
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7891.000	37.97	7.48	45.45	74.00	-28.55	peak
2	8980.000	37.35	12.07	49.42	74.00	-24.58	peak
3	11048.000	35.89	14.01	49.90	74.00	-24.10	peak
4	12225.000	30.86	17.12	47.98	74.00	-26.02	peak
5	13930.000	28.95	20.76	49.71	74.00	-24.29	peak
6	17956.000	22.77	26.20	48.97	74.00	-25.03	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Horizontal	Test Voltage:	DC 20V



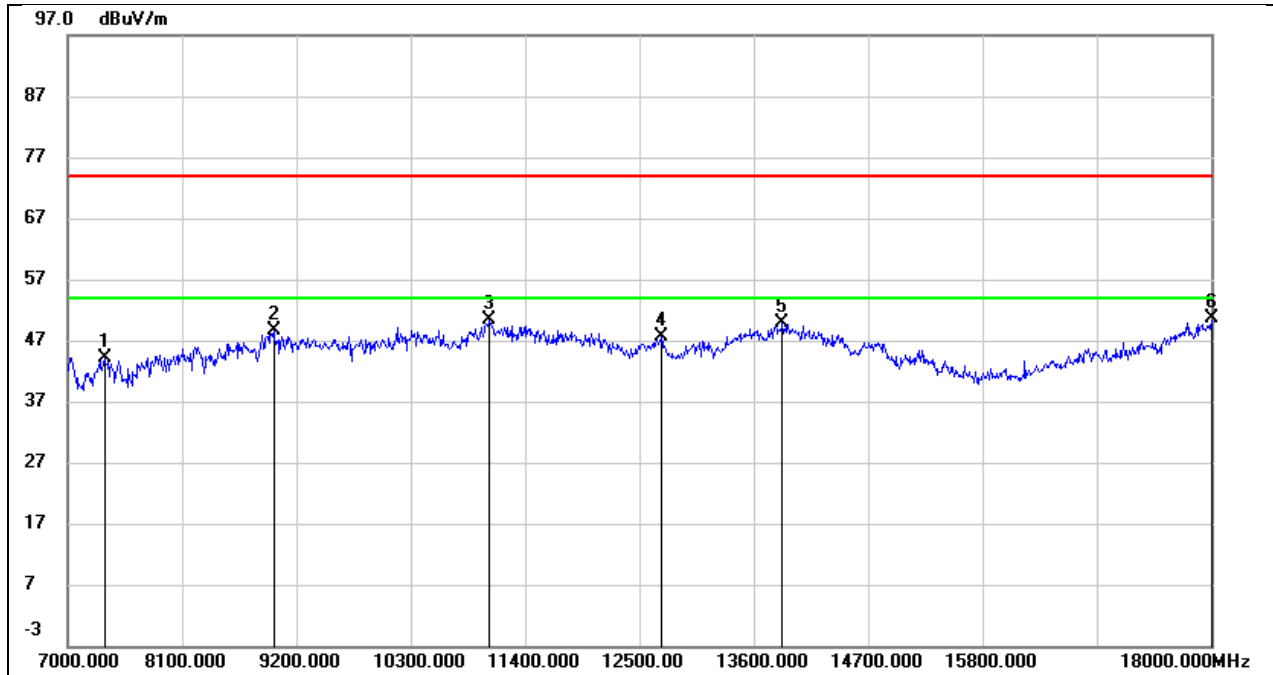
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	36.86	7.69	44.55	74.00	-29.45	peak
2	8980.000	37.50	11.67	49.17	74.00	-24.83	peak
3	11059.000	36.26	14.90	51.16	74.00	-22.84	peak
4	12709.000	29.74	18.23	47.97	74.00	-26.03	peak
5	13996.000	27.25	22.44	49.69	74.00	-24.31	peak
6	17802.000	23.67	27.32	50.99	74.00	-23.01	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Vertical	Test Voltage:	DC 20V



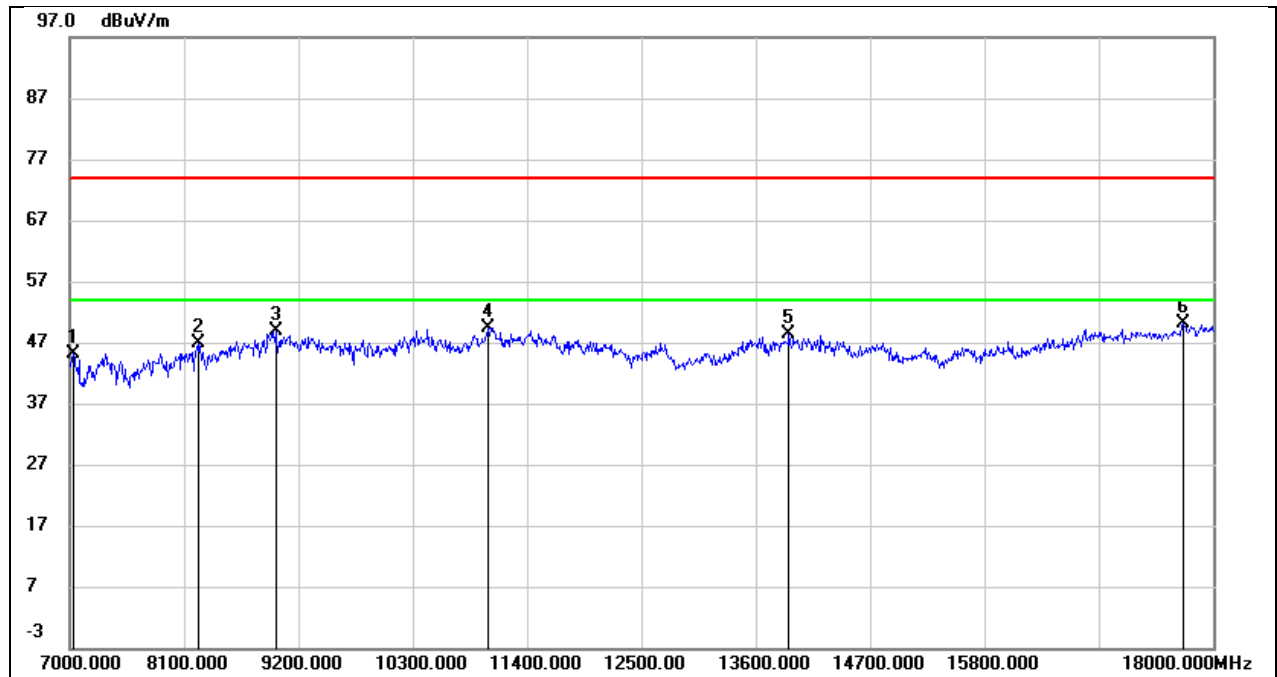
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	36.77	8.86	45.63	74.00	-28.37	peak
2	9057.000	37.15	11.81	48.96	74.00	-25.04	peak
3	11059.000	35.87	14.02	49.89	74.00	-24.11	peak
4	12698.000	29.51	17.18	46.69	74.00	-27.31	peak
5	14238.000	27.97	20.69	48.66	74.00	-25.34	peak
6	17692.000	23.26	25.04	48.30	74.00	-25.70	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Horizontal	Test Voltage:	DC 20V



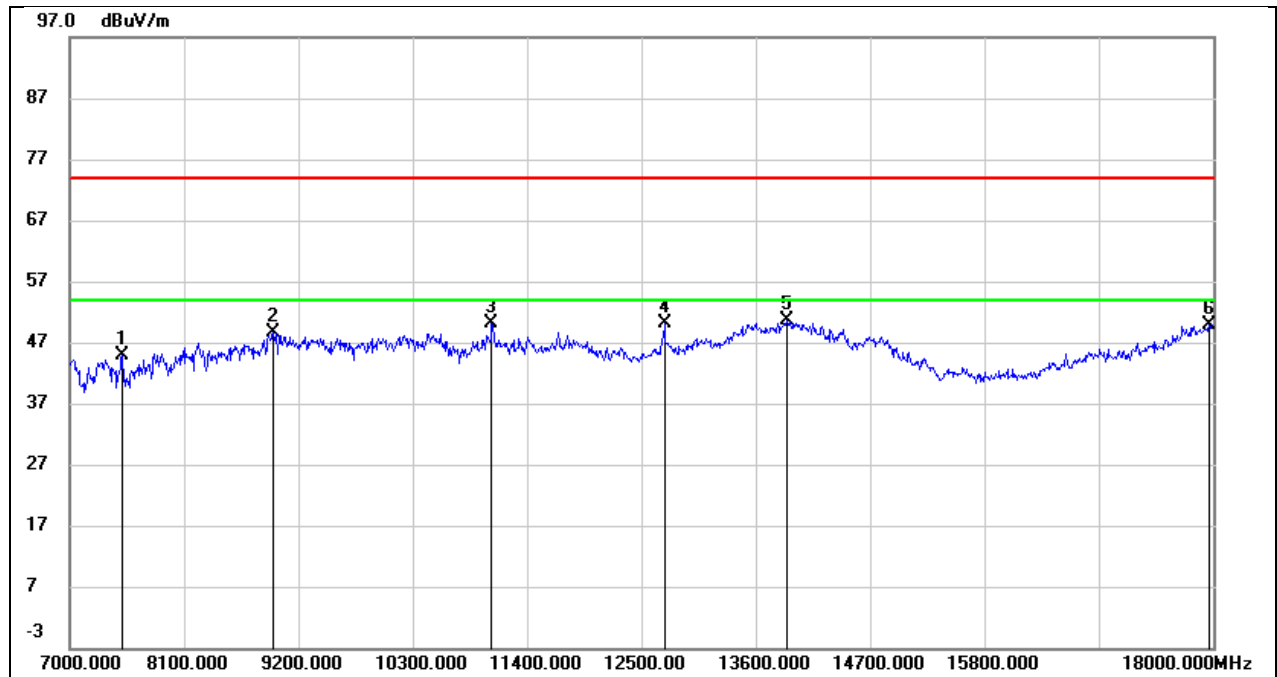
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7352.000	35.92	8.24	44.16	74.00	-29.84	peak
2	8980.000	36.85	11.67	48.52	74.00	-25.48	peak
3	11059.000	35.43	14.90	50.33	74.00	-23.67	peak
4	12709.000	29.29	18.23	47.52	74.00	-26.48	peak
5	13875.000	27.64	22.31	49.95	74.00	-24.05	peak
6	18000.000	22.12	28.47	50.59	74.00	-23.41	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Vertical	Test Voltage:	DC 20V



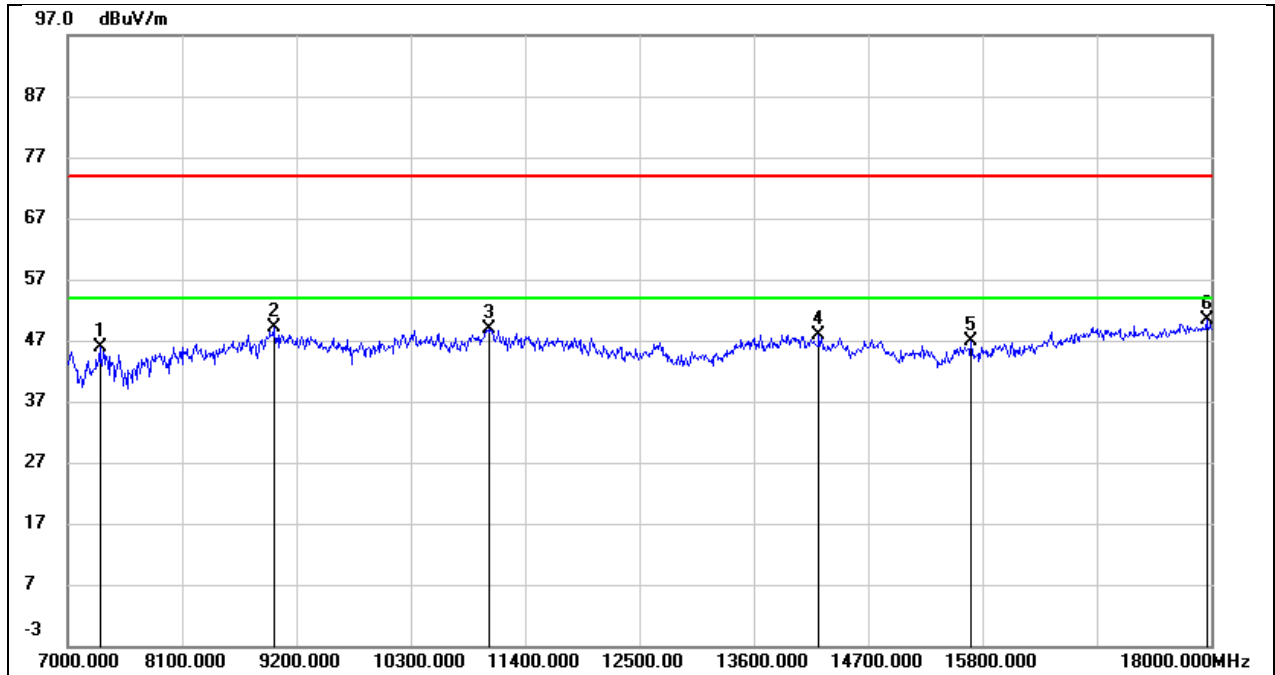
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	36.67	8.56	45.23	74.00	-28.77	peak
2	8232.000	37.63	9.13	46.76	74.00	-27.24	peak
3	8980.000	36.91	12.07	48.98	74.00	-25.02	peak
4	11026.000	35.48	14.00	49.48	74.00	-24.52	peak
5	13919.000	27.62	20.74	48.36	74.00	-25.64	peak
6	17714.000	25.00	25.24	50.24	74.00	-23.76	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Horizontal	Test Voltage:	DC 20V



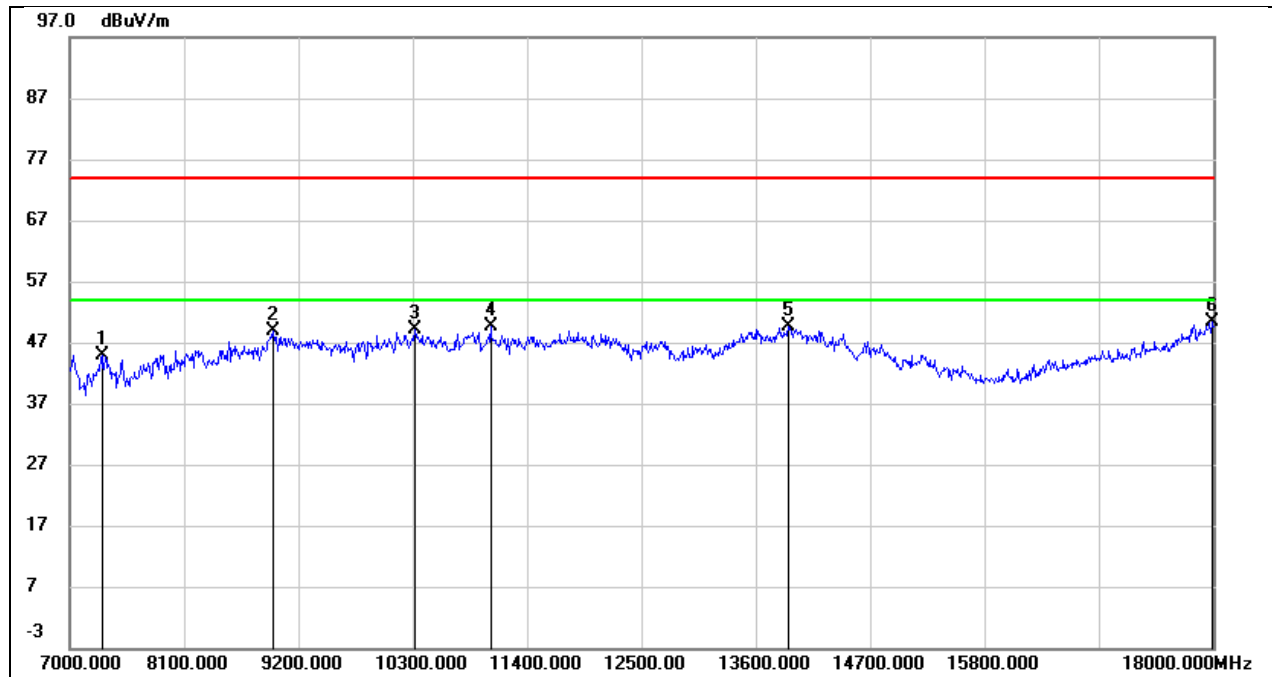
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7506.000	37.05	7.72	44.77	74.00	-29.23	peak
2	8958.000	37.22	11.34	48.56	74.00	-25.44	peak
3	11059.000	35.15	14.90	50.05	74.00	-23.95	peak
4	12720.000	31.79	18.26	50.05	74.00	-23.95	peak
5	13897.000	28.34	22.33	50.67	74.00	-23.33	peak
6	17956.000	21.78	28.21	49.99	74.00	-24.01	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Vertical	Test Voltage:	DC 20V



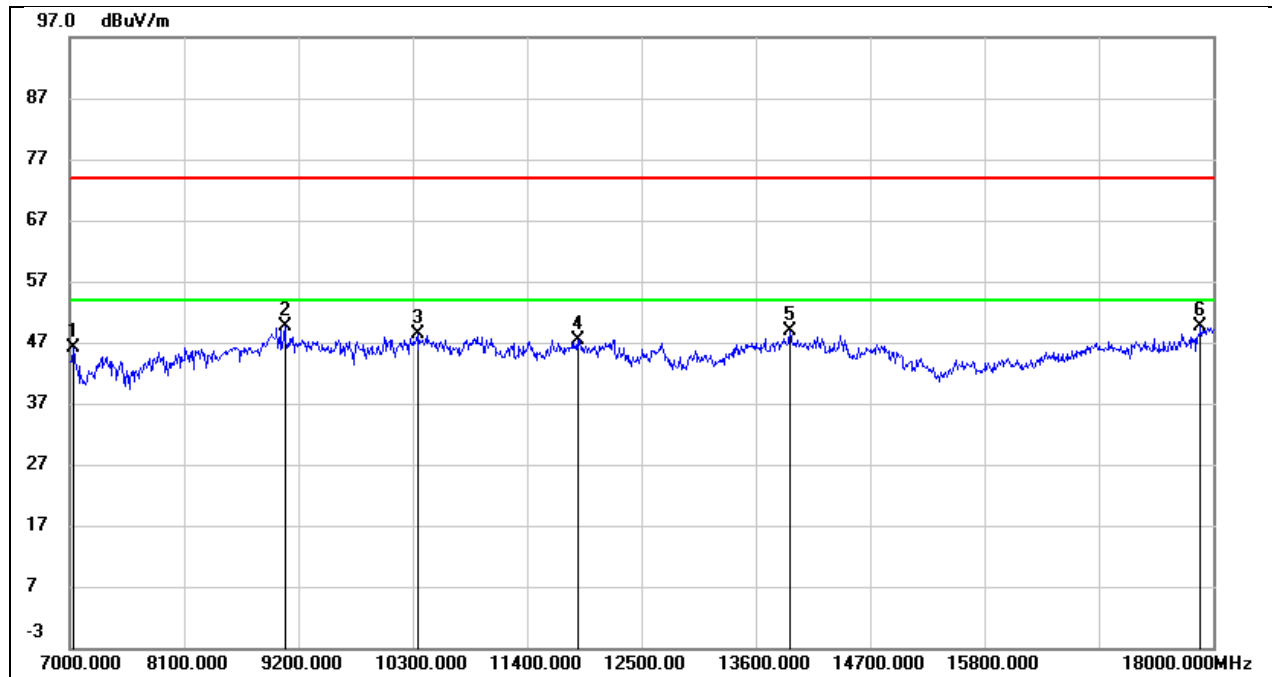
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	37.25	8.54	45.79	74.00	-28.21	peak
2	8980.000	37.09	12.07	49.16	74.00	-24.84	peak
3	11059.000	34.80	14.02	48.82	74.00	-25.18	peak
4	14227.000	27.21	20.72	47.93	74.00	-26.07	peak
5	15690.000	26.93	19.99	46.92	74.00	-27.08	peak
6	17956.000	24.06	26.20	50.26	74.00	-23.74	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5710
Polarity:	Horizontal	Test Voltage:	DC 20V



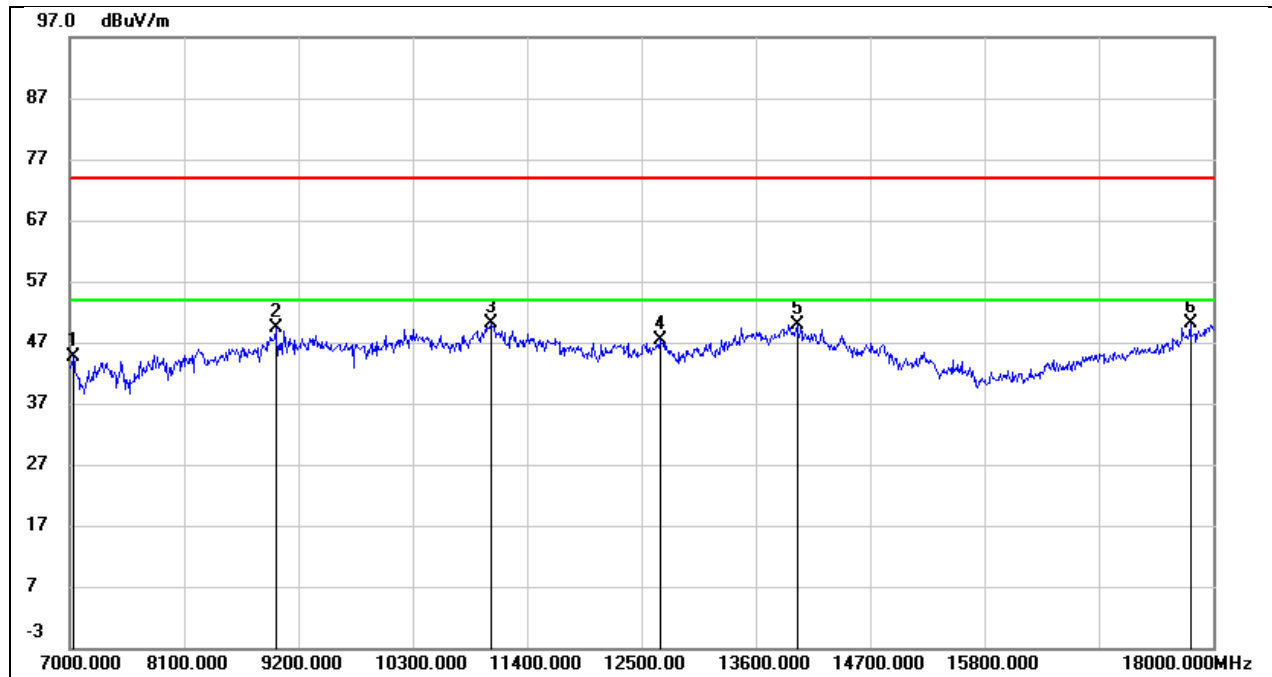
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	37.01	7.89	44.90	74.00	-29.10	peak
2	8958.000	37.48	11.34	48.82	74.00	-25.18	peak
3	10322.000	36.48	12.72	49.20	74.00	-24.80	peak
4	11048.000	34.65	14.88	49.53	74.00	-24.47	peak
5	13908.000	27.36	22.35	49.71	74.00	-24.29	peak
6	17989.000	21.94	28.41	50.35	74.00	-23.65	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5710
Polarity:	Vertical	Test Voltage:	DC 20V



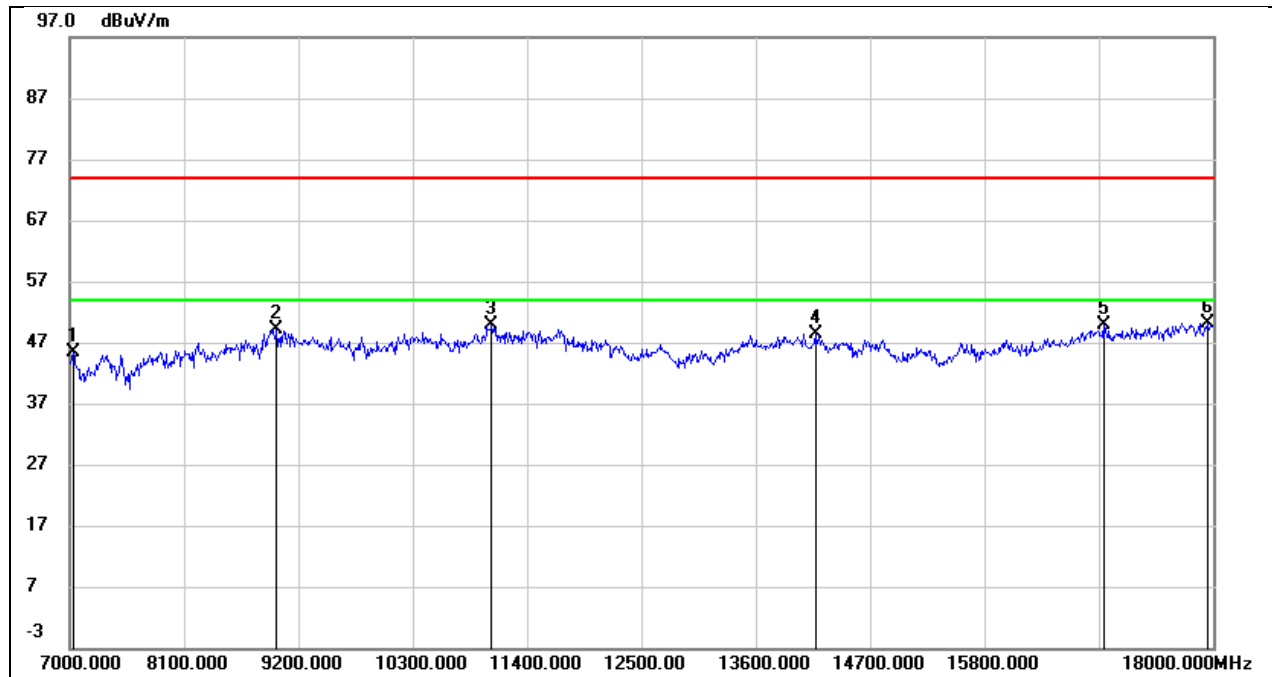
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	37.63	8.56	46.19	74.00	-27.81	peak
2	9068.000	37.90	11.69	49.59	74.00	-24.41	peak
3	10344.000	36.05	12.45	48.50	74.00	-25.50	peak
4	11884.000	31.22	16.27	47.49	74.00	-26.51	peak
5	13930.000	28.09	20.76	48.85	74.00	-25.15	peak
6	17879.000	23.52	26.10	49.62	74.00	-24.38	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	DC 20V



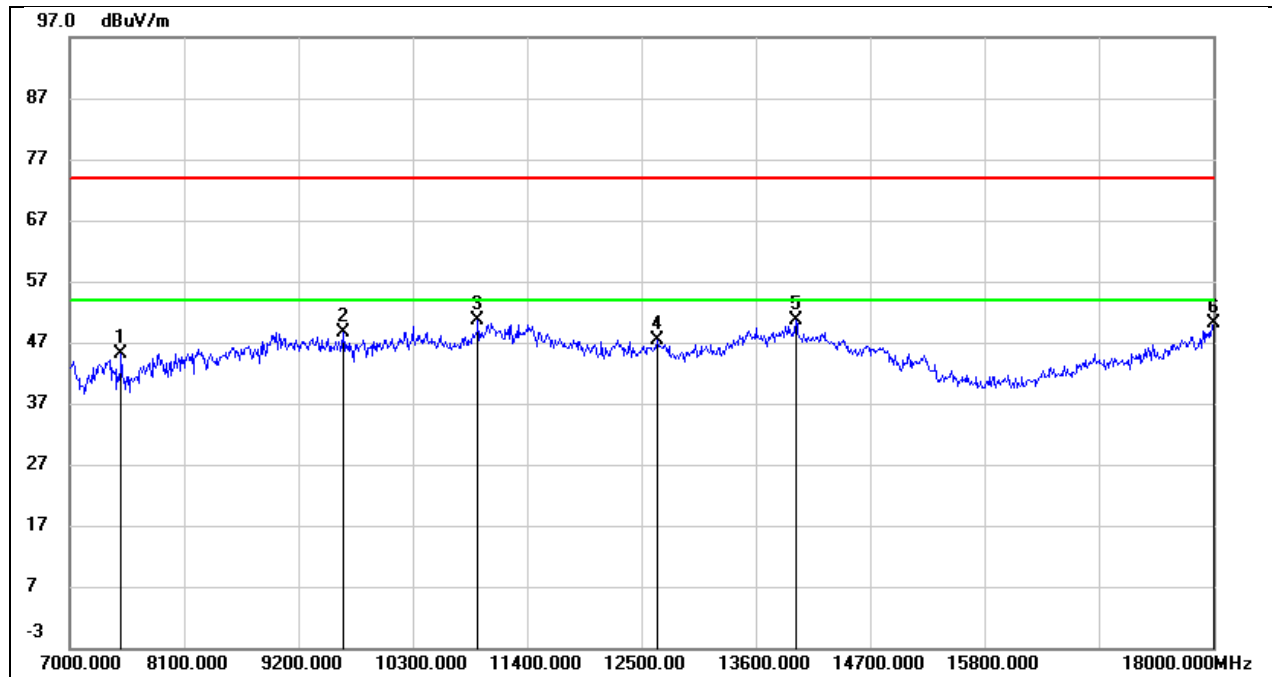
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	36.92	7.69	44.61	74.00	-29.39	peak
2	8980.000	37.81	11.67	49.48	74.00	-24.52	peak
3	11059.000	35.22	14.90	50.12	74.00	-23.88	peak
4	12676.000	29.14	18.14	47.28	74.00	-26.72	peak
5	13996.000	27.42	22.44	49.86	74.00	-24.14	peak
6	17780.000	23.03	27.04	50.07	74.00	-23.93	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 20V



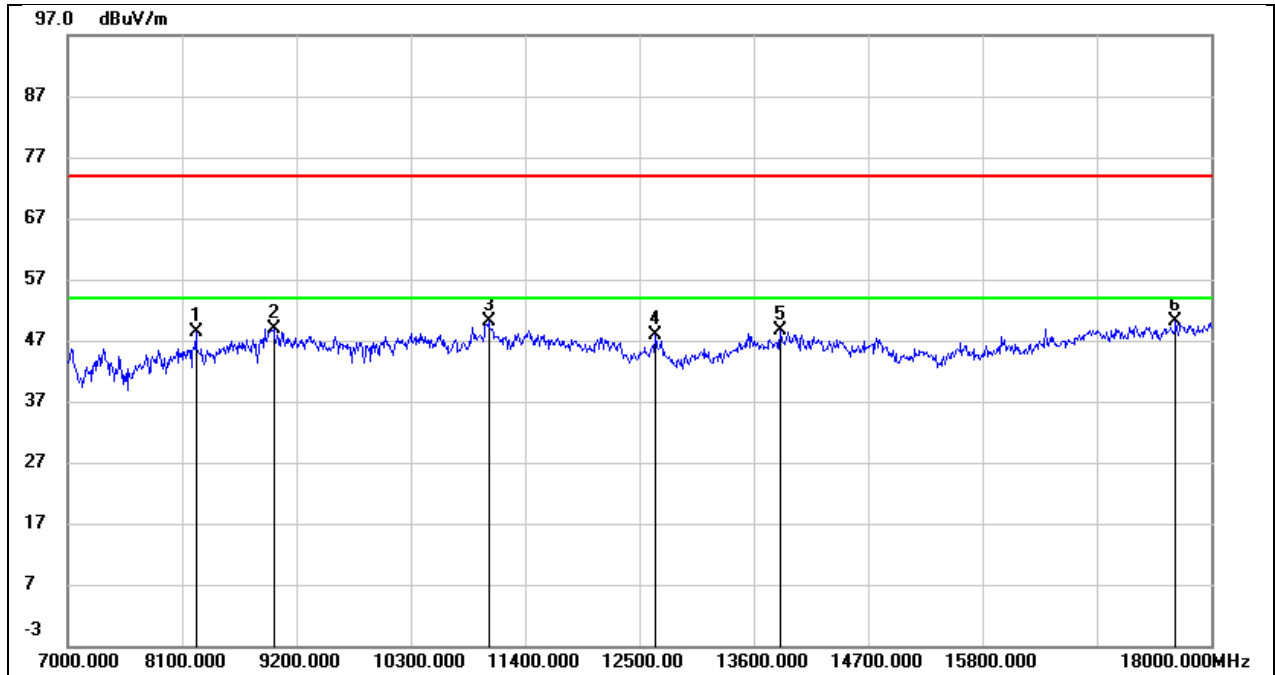
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7033.000	36.79	8.56	45.35	74.00	-28.65	peak
2	8991.000	36.87	12.23	49.10	74.00	-24.90	peak
3	11059.000	35.82	14.02	49.84	74.00	-24.16	peak
4	14172.000	27.64	20.81	48.45	74.00	-25.55	peak
5	16944.000	26.64	23.29	49.93	74.00	-24.07	peak
6	17945.000	24.03	26.19	50.22	74.00	-23.78	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Horizontal	Test Voltage:	DC 20V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7495.000	37.24	7.81	45.05	74.00	-28.95	peak
2	9629.000	37.51	11.18	48.69	74.00	-25.31	peak
3	10927.000	36.17	14.38	50.55	74.00	-23.45	peak
4	12654.000	29.30	18.08	47.38	74.00	-26.62	peak
5	13985.000	28.09	22.42	50.51	74.00	-23.49	peak
6	18000.000	21.62	28.47	50.09	74.00	-23.91	peak

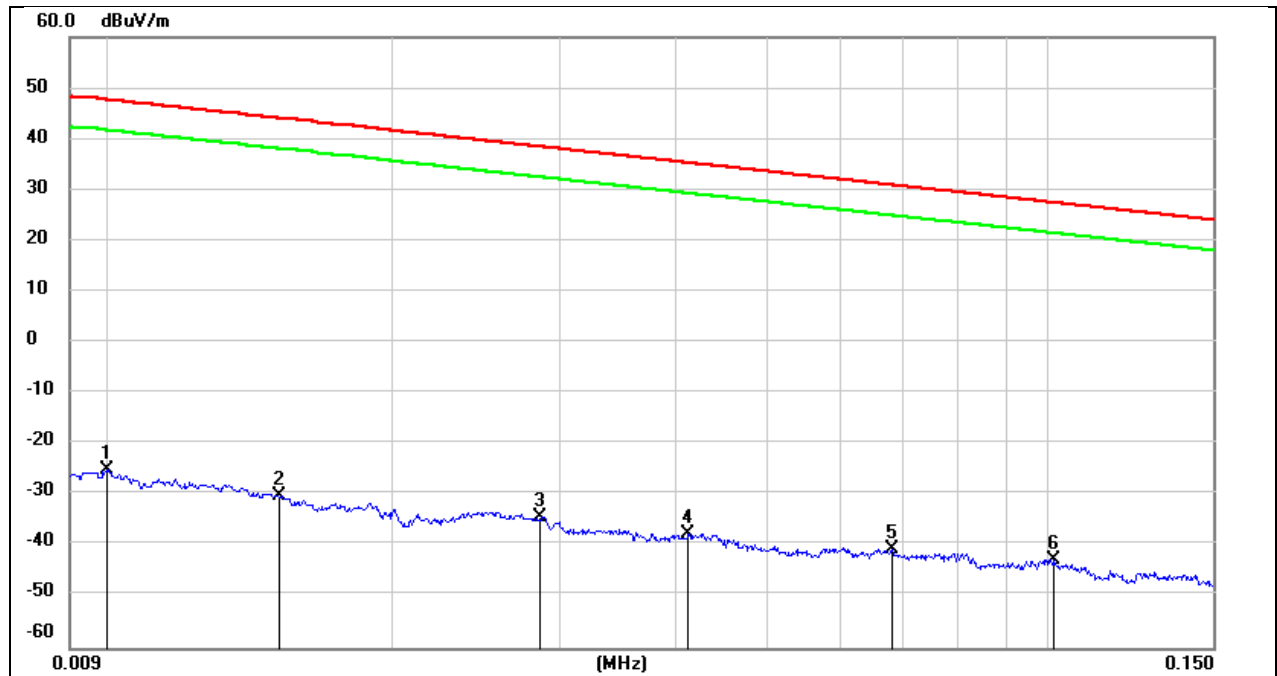
Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 20V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8232.000	39.24	9.13	48.37	74.00	-25.63	peak
2	8980.000	36.85	12.07	48.92	74.00	-25.08	peak
3	11048.000	36.15	14.01	50.16	74.00	-23.84	peak
4	12654.000	30.84	17.08	47.92	74.00	-26.08	peak
5	13853.000	27.99	20.67	48.66	74.00	-25.34	peak
6	17659.000	25.29	24.76	50.05	74.00	-23.95	peak

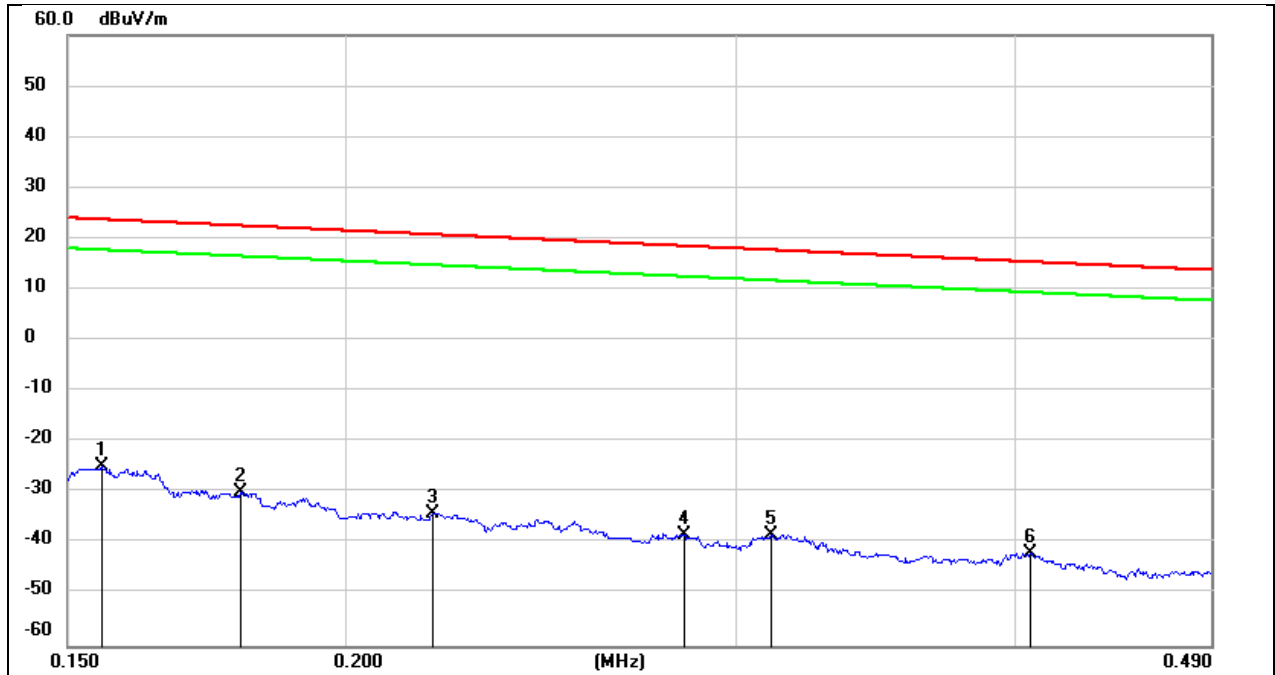
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 20V



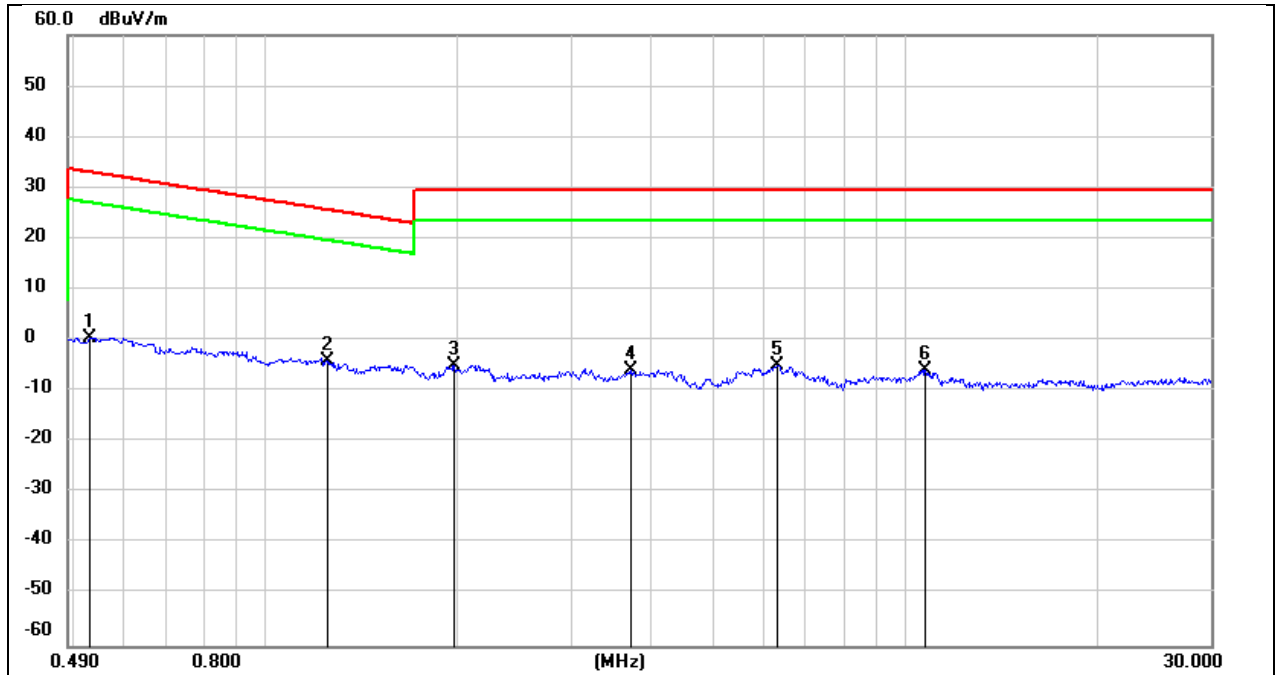
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.0100	76.22	-101.40	-25.18	47.6	-76.68	-3.90	-72.78	peak
2	0.0151	71.11	-101.37	-30.26	44.02	-81.76	-7.48	-74.28	peak
3	0.0286	66.96	-101.38	-34.42	38.47	-85.92	-13.03	-72.89	peak
4	0.0413	63.84	-101.44	-37.6	35.28	-89.10	-16.22	-72.88	peak
5	0.0680	61.04	-101.56	-40.52	30.95	-92.02	-20.55	-71.47	peak
6	0.1014	59.06	-101.79	-42.73	27.48	-94.23	-24.02	-70.21	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 20V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	FCC Result (dBuV/m)	FCC Limit (dBuV/m)	ISED Result (dBuA/m)	ISED Limit (dBuA/m)	Margin (dB)	Remark
1	0.1554	76.77	-101.65	-24.88	23.77	-76.38	-27.73	-48.65	peak
2	0.1794	71.77	-101.68	-29.91	22.53	-81.41	-28.97	-52.44	peak
3	0.2190	67.77	-101.75	-33.98	20.79	-85.48	-30.71	-54.77	peak
4	0.2837	63.72	-101.83	-38.11	18.54	-89.61	-32.96	-56.65	peak
5	0.3108	63.73	-101.86	-38.13	17.75	-89.63	-33.75	-55.88	peak
6	0.4062	60.14	-101.96	-41.82	15.43	-93.32	-36.07	-57.25	peak

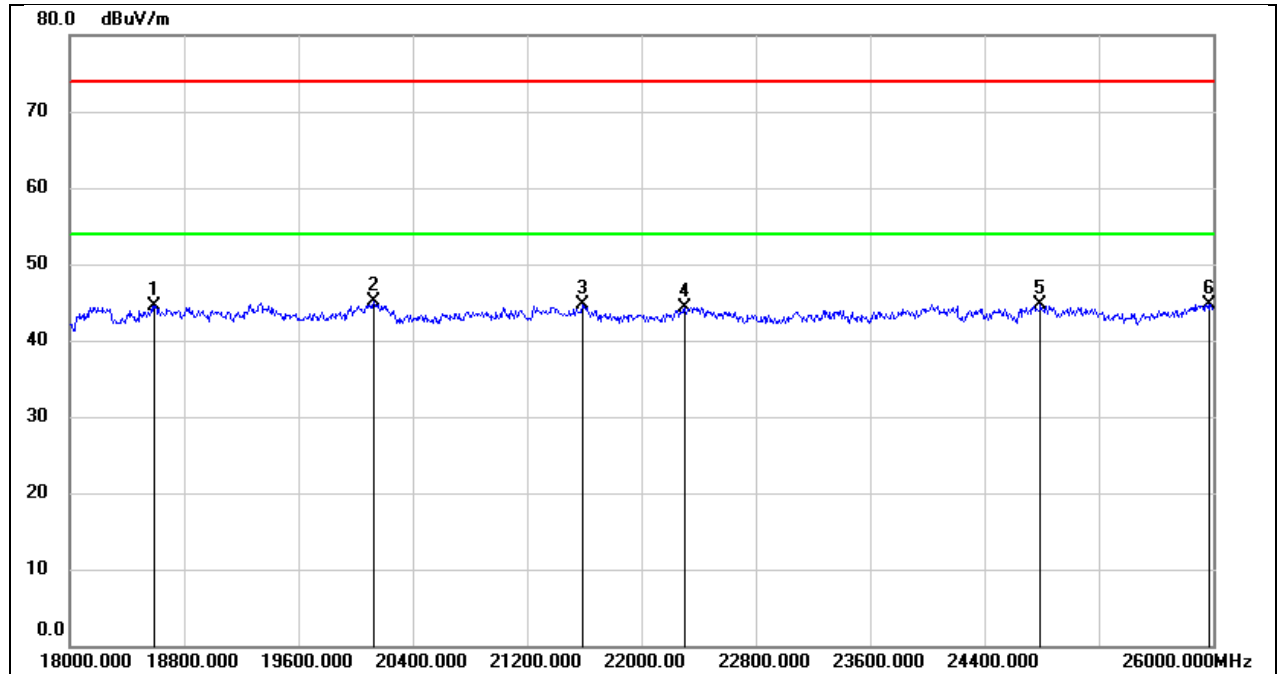
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 20V



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.5298	62.53	-62.08	0.45	33.12	-51.05	-18.38	-32.67	peak
2	1.2459	58.25	-62.16	-3.91	25.7	-55.41	-25.80	-29.61	peak
3	1.9677	57.00	-61.83	-4.83	29.54	-56.33	-21.96	-34.37	peak
4	3.7100	55.70	-61.41	-5.71	29.54	-57.21	-21.96	-35.25	peak
5	6.3033	56.45	-61.31	-4.86	29.54	-56.36	-21.96	-34.40	peak
6	10.7299	54.98	-60.83	-5.85	29.54	-57.35	-21.96	-35.39	peak

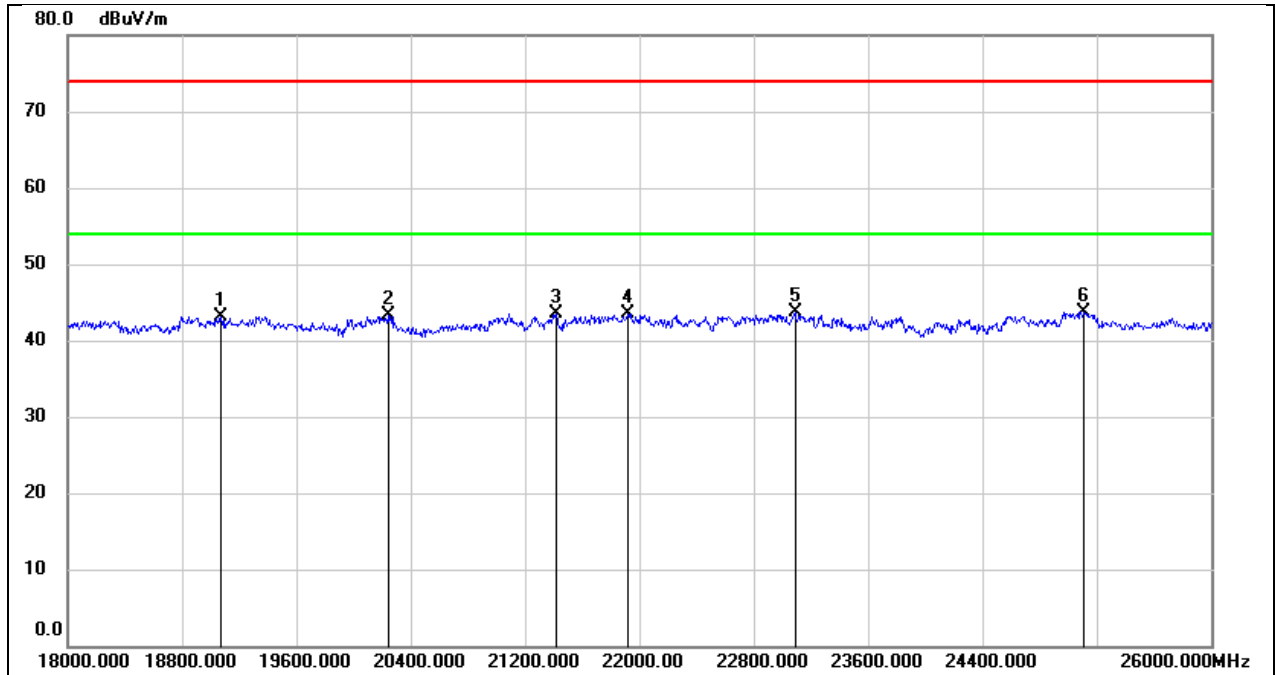
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

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



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	20128.000	50.62	-5.53	45.09	74.00	-28.91	peak
3	21584.000	49.19	-4.56	44.63	74.00	-29.37	peak
4	22304.000	48.55	-4.15	44.40	74.00	-29.60	peak
5	24792.000	46.98	-2.28	44.70	74.00	-29.30	peak
6	25968.000	45.63	-1.00	44.63	74.00	-29.37	peak

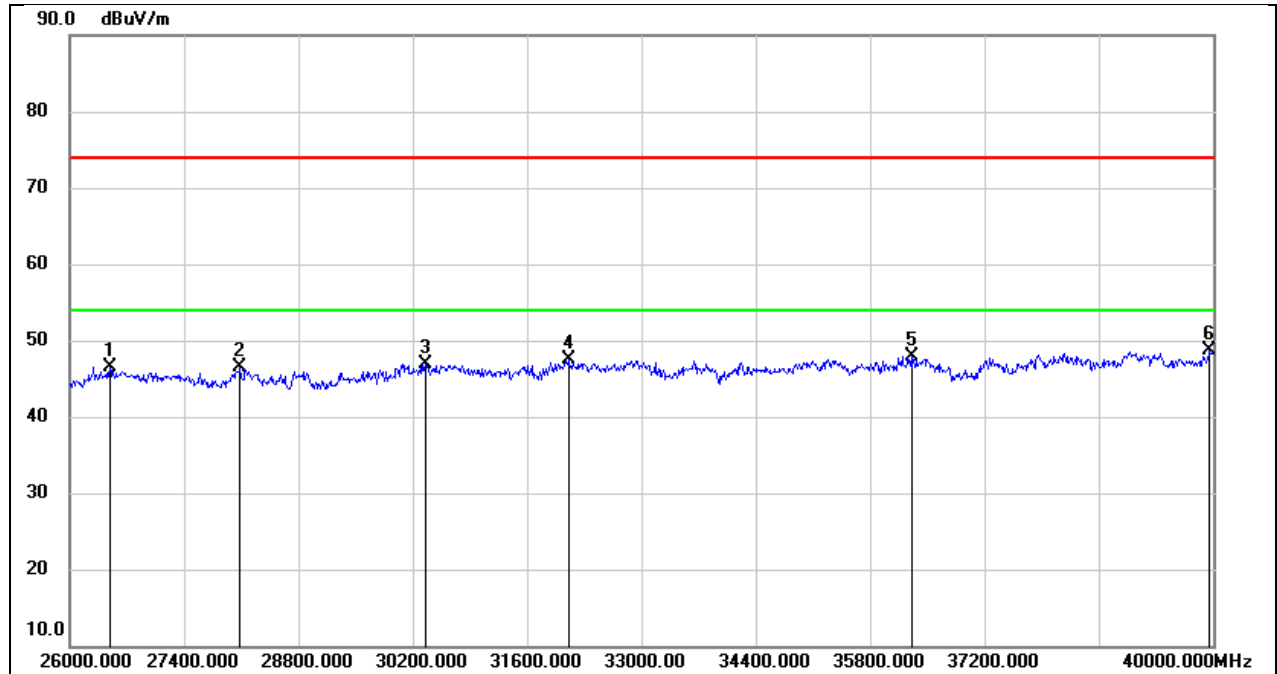
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 20V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19072.000	48.41	-5.31	43.10	74.00	-30.90	peak
2	20240.000	48.82	-5.61	43.21	74.00	-30.79	peak
3	21416.000	48.23	-4.72	43.51	74.00	-30.49	peak
4	21920.000	47.95	-4.43	43.52	74.00	-30.48	peak
5	23088.000	47.02	-3.41	43.61	74.00	-30.39	peak
6	25104.000	45.57	-1.92	43.65	74.00	-30.35	peak

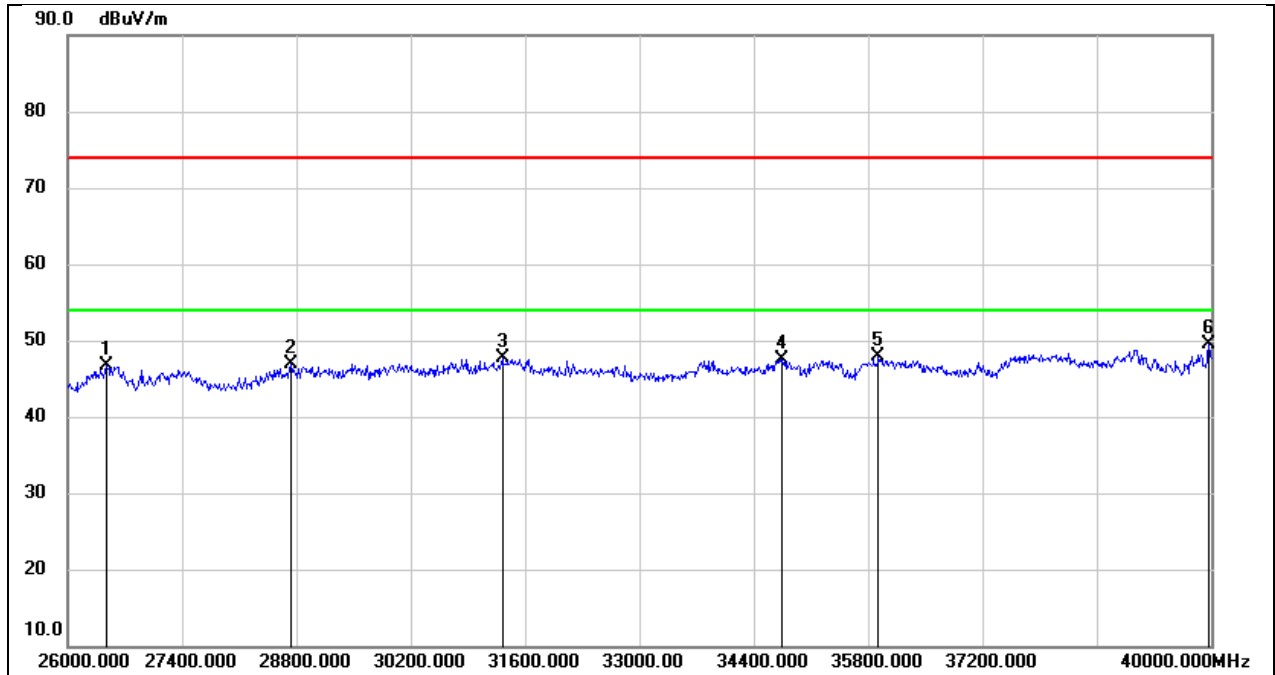
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	51.29	-4.74	46.55	74.00	-27.45	peak
2	28086.000	49.91	-3.49	46.42	74.00	-27.58	peak
3	30354.000	48.13	-1.14	46.99	74.00	-27.01	peak
4	32104.000	49.24	-1.75	47.49	74.00	-26.51	peak
5	36304.000	44.58	3.35	47.93	74.00	-26.07	peak
6	39958.000	43.58	5.12	48.70	74.00	-25.30	peak

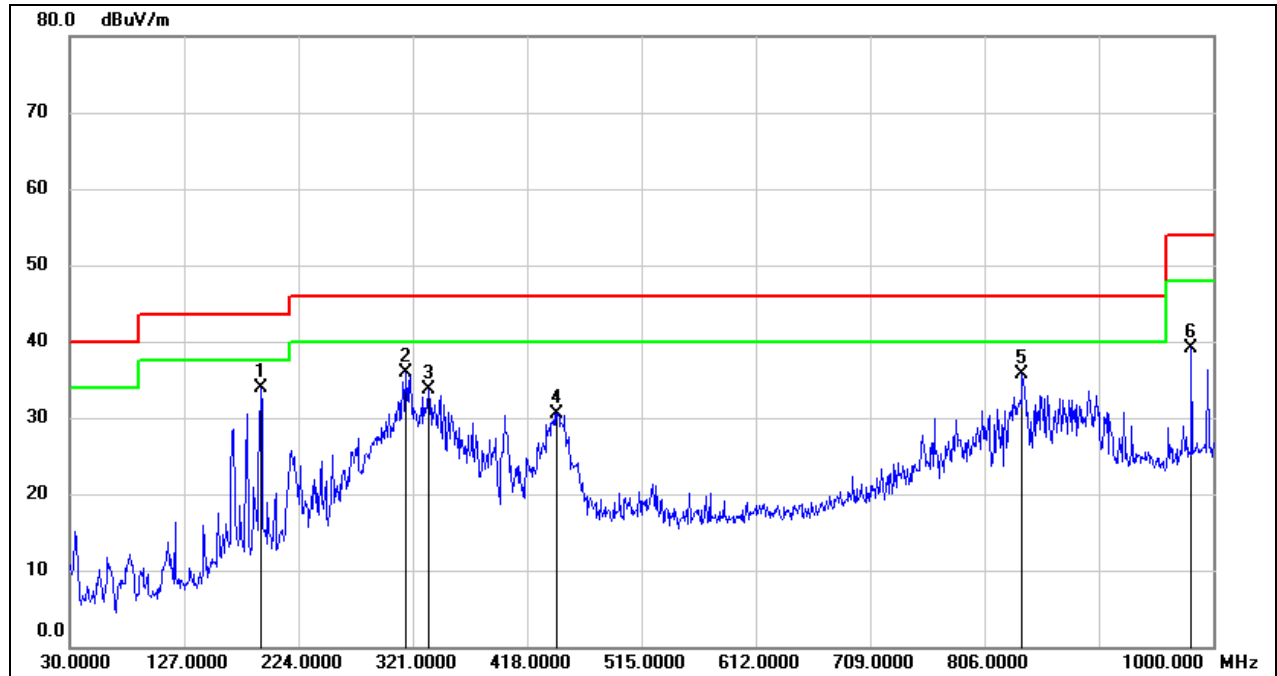
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 20V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	51.53	-4.78	46.75	74.00	-27.25	peak
2	28730.000	47.51	-0.69	46.82	74.00	-27.18	peak
3	31320.000	48.61	-0.93	47.68	74.00	-26.32	peak
4	34750.000	45.91	1.56	47.47	74.00	-26.53	peak
5	35926.000	43.94	3.88	47.82	74.00	-26.18	peak
6	39972.000	44.45	5.13	49.58	74.00	-24.42	peak

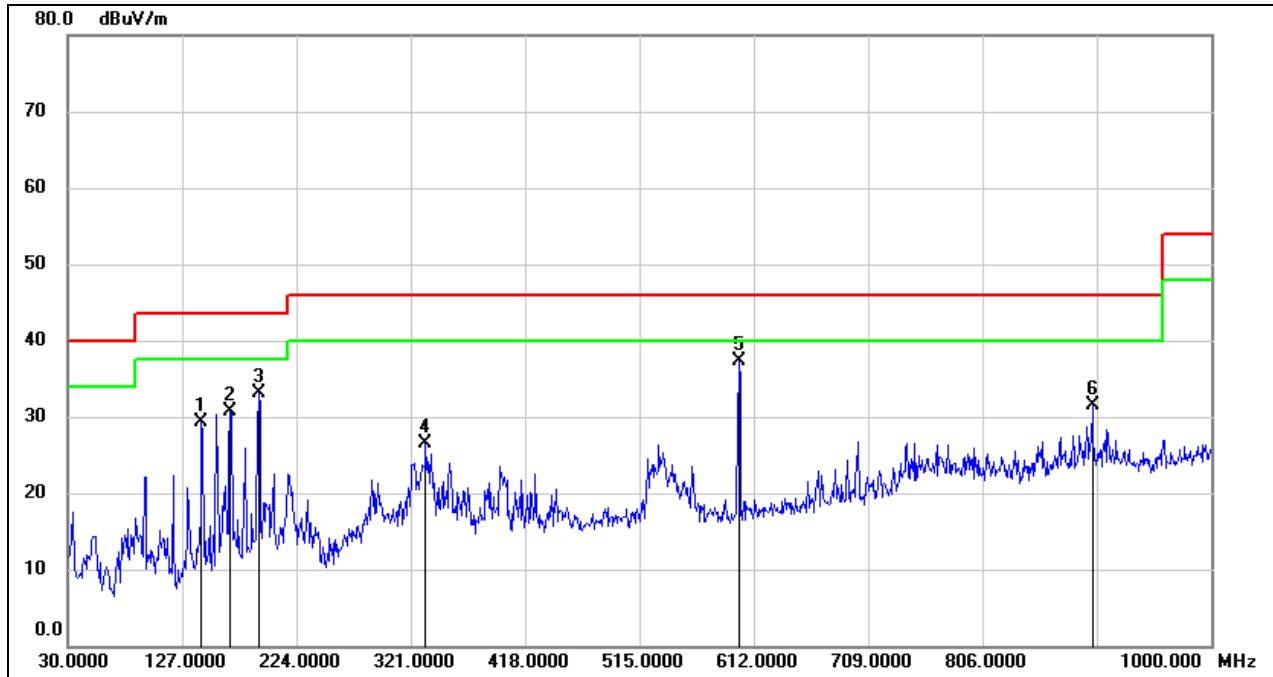
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	191.9900	45.49	-11.52	33.97	43.50	-9.53	QP
2	315.1800	46.45	-10.59	35.86	46.00	-10.14	QP
3	334.5799	43.60	-9.81	33.79	46.00	-12.21	QP
4	443.2200	38.87	-8.29	30.58	46.00	-15.42	QP
5	838.0100	37.69	-1.96	35.73	46.00	-10.27	QP
6	981.5700	40.22	-1.04	39.18	54.00	-14.82	QP

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	143.4900	42.82	-13.52	29.30	43.50	-14.20	QP
2	167.7400	42.33	-11.71	30.62	43.50	-12.88	QP
3	191.9900	44.59	-11.52	33.07	43.50	-10.43	QP
4	333.6099	36.31	-9.85	26.46	46.00	-19.54	QP
5	599.3900	43.25	-5.85	37.40	46.00	-8.60	QP
6	899.1200	32.38	-0.86	31.52	46.00	-14.48	QP

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

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

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

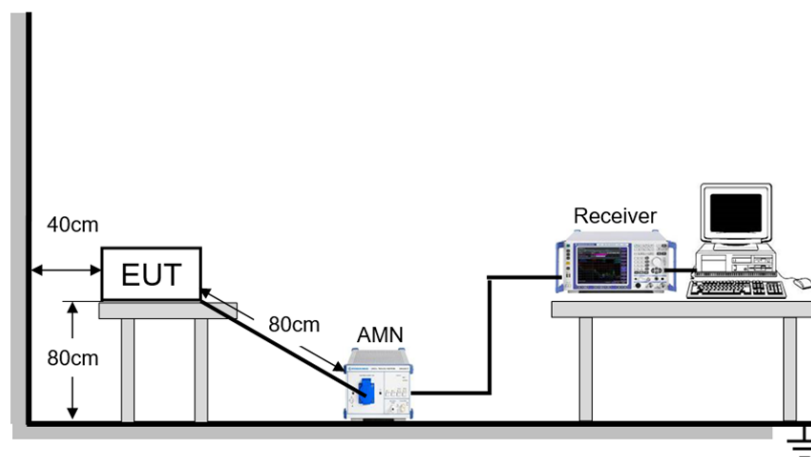
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

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

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

TEST SETUP



TEST ENVIRONMENT

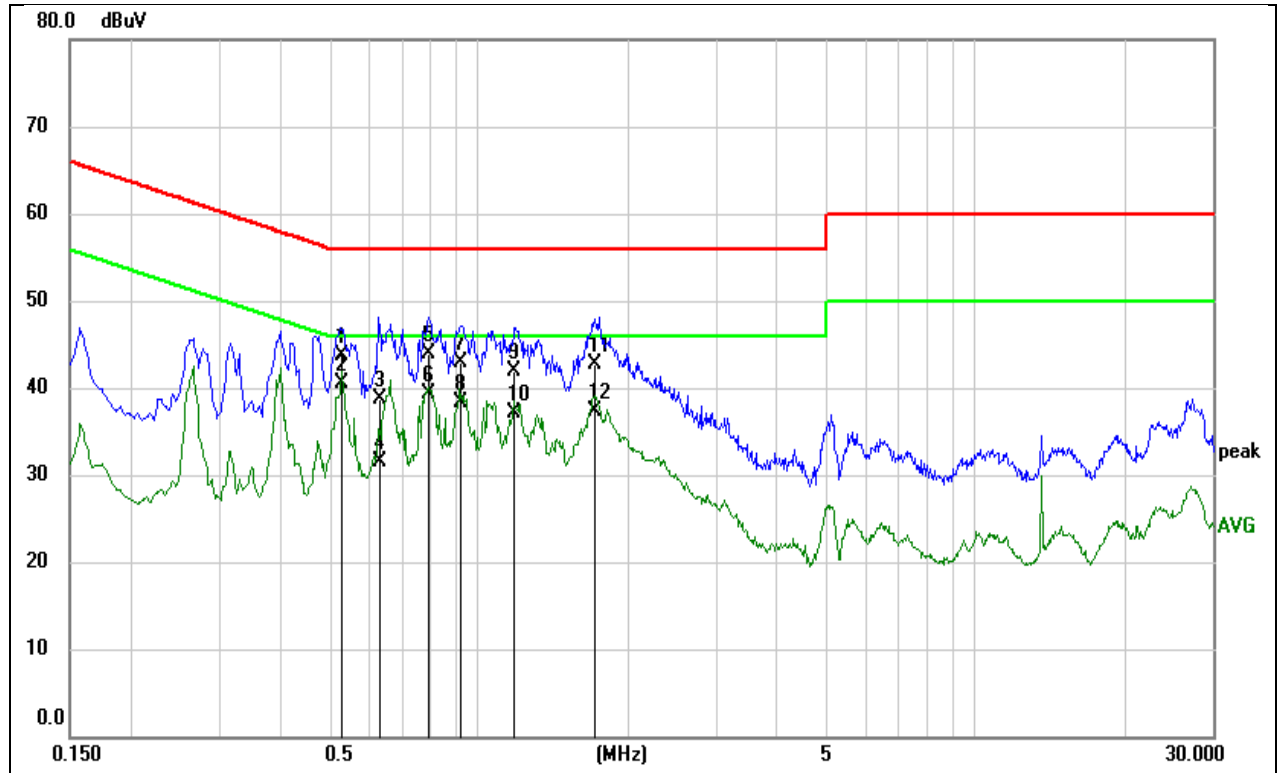
Temperature	23.5°C	Relative Humidity	59.0%
Atmosphere Pressure	101kPa	Test Voltage	DC 20V

TEST DATE / ENGINEER

Test Date	November 20, 2024	Test By	Johnson Liu
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TEST RESULTS

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



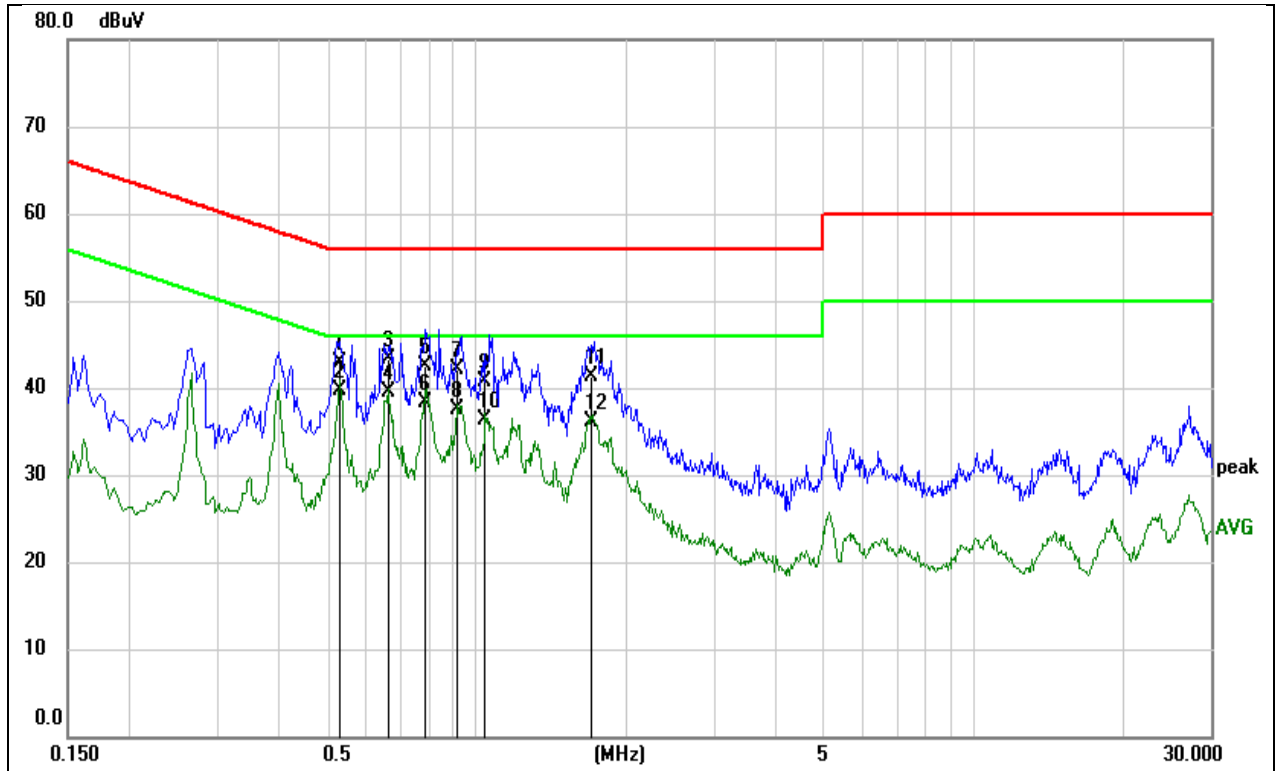
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5305	33.67	10.04	43.71	56.00	-12.29	QP
2	0.5305	30.56	10.04	40.60	46.00	-5.40	AVG
3	0.6326	28.59	10.03	38.62	56.00	-17.38	QP
4	0.6326	21.40	10.03	31.43	46.00	-14.57	AVG
5	0.7945	33.89	9.97	43.86	56.00	-12.14	QP
6	0.7945	29.26	9.97	39.23	46.00	-6.77	AVG
7	0.9197	33.00	9.88	42.88	56.00	-13.12	QP
8	0.9197	28.47	9.88	38.35	46.00	-7.65	AVG
9	1.1771	32.05	9.87	41.92	56.00	-14.08	QP
10	1.1771	27.28	9.87	37.15	46.00	-8.85	AVG
11	1.7022	32.81	9.98	42.79	56.00	-13.21	QP
12	1.7022	27.41	9.98	37.39	46.00	-8.61	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	Frequency(MHz):	5180MHz
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5287	32.88	10.04	42.92	56.00	-13.08	QP
2	0.5287	29.58	10.04	39.62	46.00	-6.38	AVG
3	0.6623	33.23	10.03	43.26	56.00	-12.74	QP
4	0.6623	29.44	10.03	39.47	46.00	-6.53	AVG
5	0.7861	32.57	9.97	42.54	56.00	-13.46	QP
6	0.7861	28.29	9.97	38.26	46.00	-7.74	AVG
7	0.9204	32.31	9.88	42.19	56.00	-13.81	QP
8	0.9204	27.63	9.88	37.51	46.00	-8.49	AVG
9	1.0437	30.91	9.84	40.75	56.00	-15.25	QP
10	1.0437	26.47	9.84	36.31	46.00	-9.69	AVG
11	1.7047	31.35	9.98	41.33	56.00	-14.67	QP
12	1.7047	26.09	9.98	36.07	46.00	-9.93	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

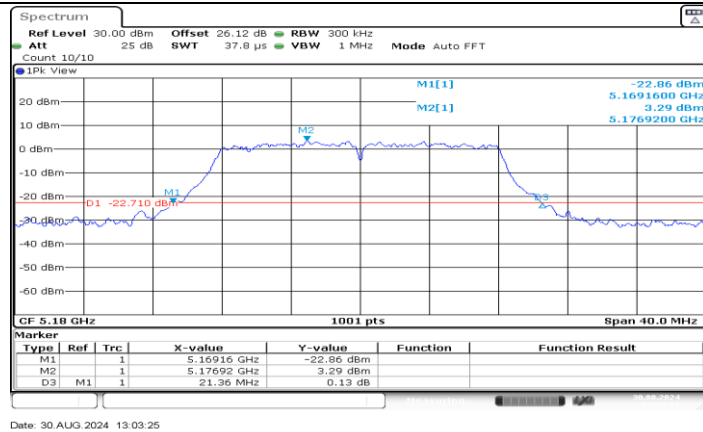
11. TEST DATA

11.1. APPENDIX A: EMISSION BANDWIDTH

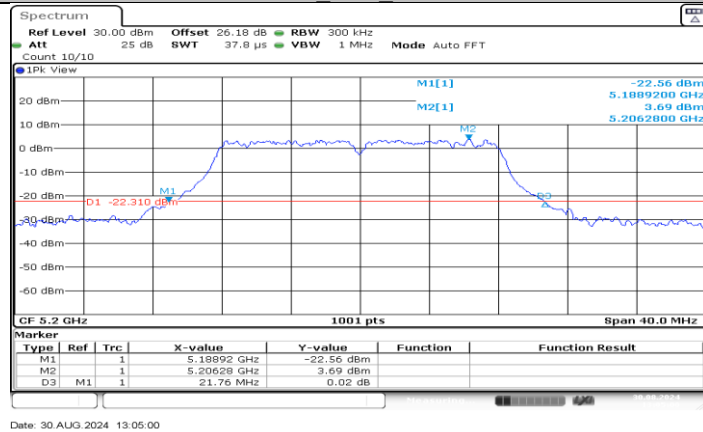
11.1.1. Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	21.36	5169.16	5190.52
		5200	21.76	5188.92	5210.68
		5240	21.80	5229.28	5251.08
		5260	21.32	5249.32	5270.64
		5280	21.72	5269.24	5290.96
		5320	21.40	5309.16	5330.56
		5500	21.44	5489.32	5510.76
		5580	20.44	5569.40	5589.84
		5700	21.20	5689.48	5710.68
		5720	21.44	5708.92	5730.36
		5720 UNII-2C	16.08	5708.92	5725
		5720 UNII-3	5.36	5725	5730.36
		5745	21.56	5734.40	5755.96
		5785	21.28	5774.44	5795.72
		5825	21.92	5814.12	5836.04
11N20SISO	Ant1	5180	22.08	5168.80	5190.88
		5200	21.96	5189.04	5211.00
		5240	22.80	5228.56	5251.36
		5260	23.32	5248.64	5271.96
		5280	21.96	5268.80	5290.76
		5320	21.92	5309.04	5330.96
		5500	21.96	5489.08	5511.04
		5580	21.04	5569.48	5590.52
		5700	21.76	5689.16	5710.92
		5720	21.76	5709.04	5730.80
		5720 UNII-2C	15.96	5709.04	5725
		5720 UNII-3	5.8	5725	5730.80
		5745	22.28	5733.88	5756.16
		5785	21.96	5773.76	5795.72
		5825	21.88	5813.68	5835.56
11N40SISO	Ant1	5190	39.44	5170.48	5209.92
		5230	38.72	5210.72	5249.44
		5270	38.56	5250.72	5289.28
		5310	38.64	5290.64	5329.28
		5510	38.96	5490.64	5529.60
		5550	38.96	5530.56	5569.52
		5670	38.88	5650.48	5689.36
		5710	38.80	5690.64	5729.44
		5710 UNII-2C	34.36	5690.64	5725
		5710 UNII-3	4.44	5725	5729.44
		5755	38.88	5735.64	5774.52
		5795	39.28	5775.48	5814.76

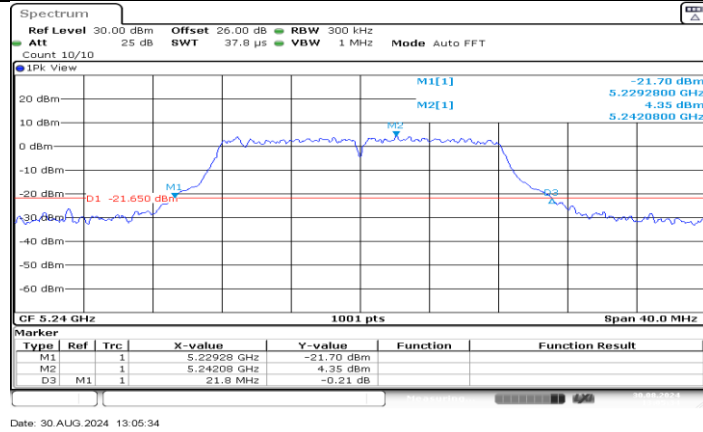
11.1.2. Test Graphs



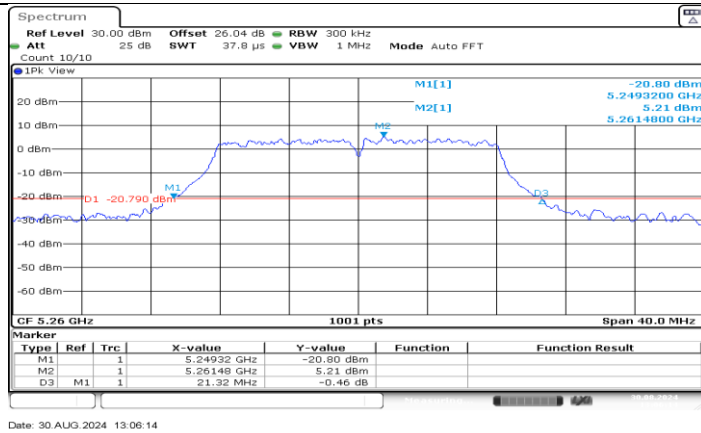
11A_Ant1_5180



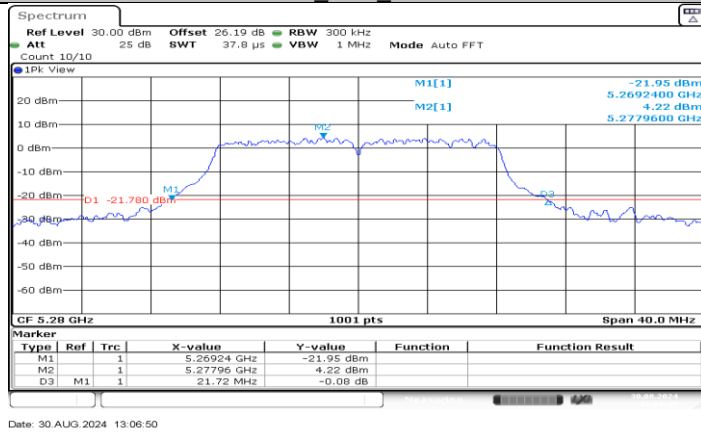
11A_Ant1_5200



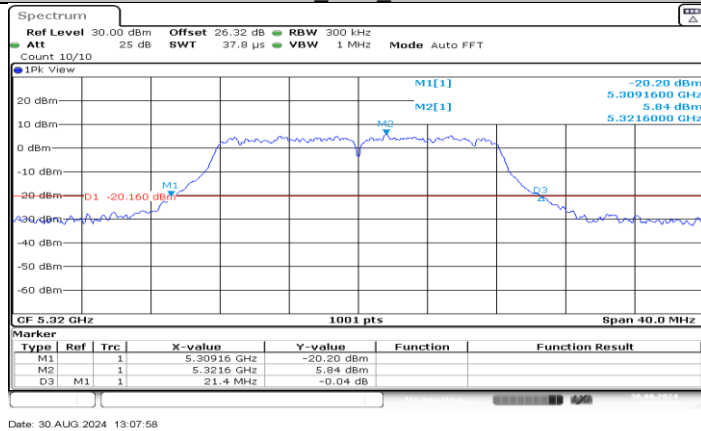
11A_Ant1_5240



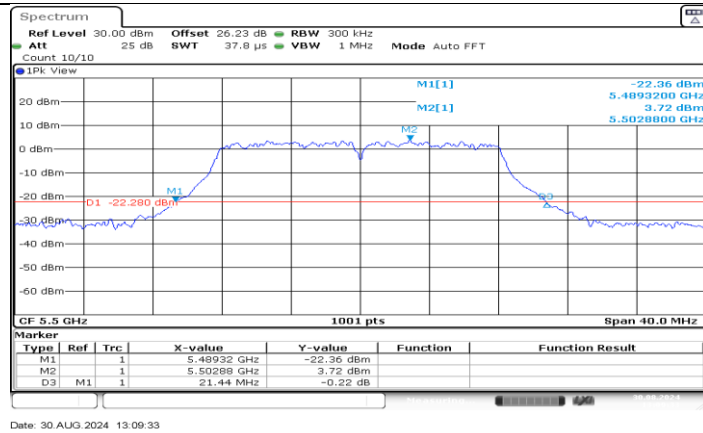
11A_Ant1_5260



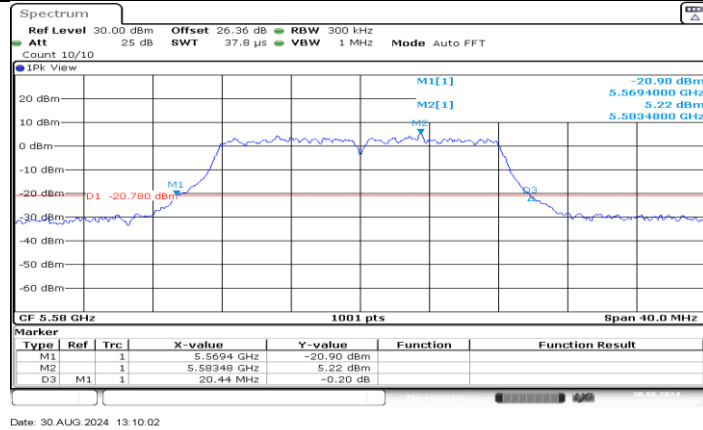
11A_Ant1_5280



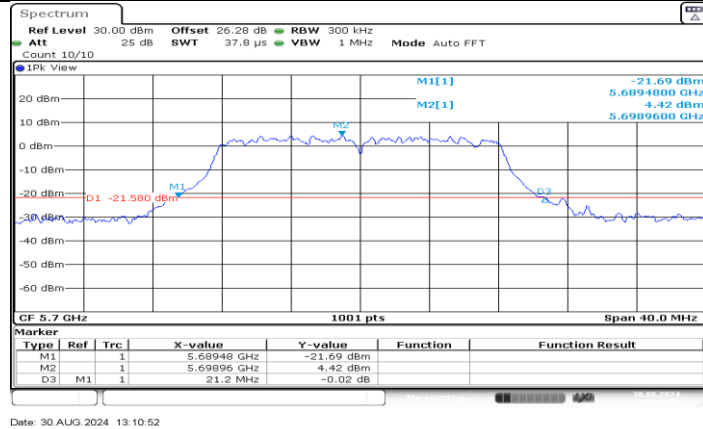
11A_Ant1_5320



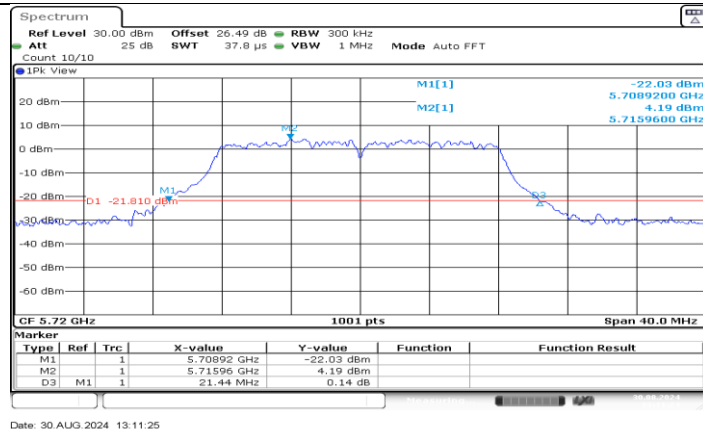
11A_Ant1_5500



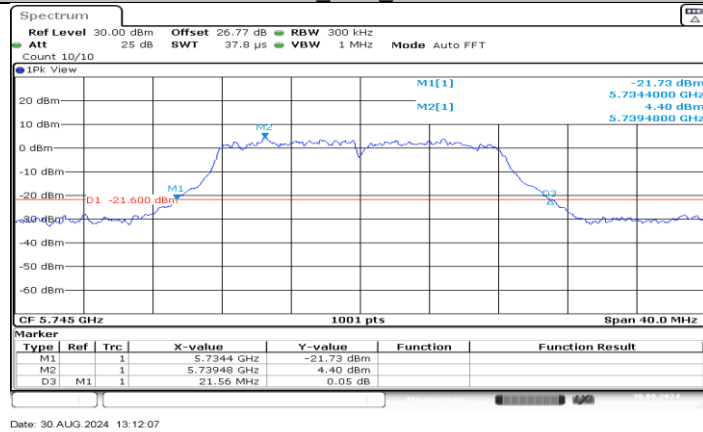
11A_Ant1_5580



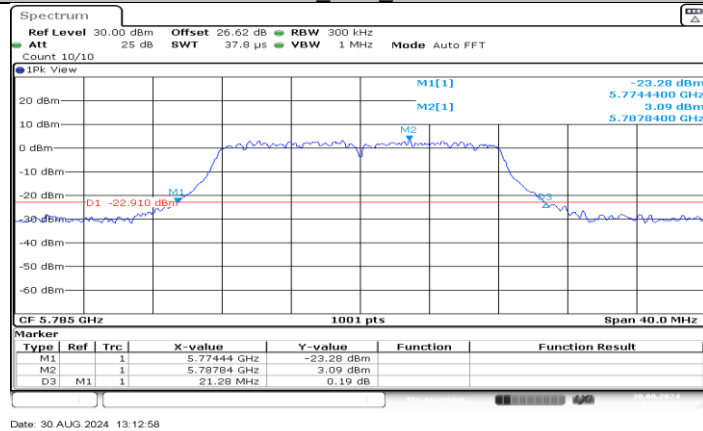
11A_Ant1_5700



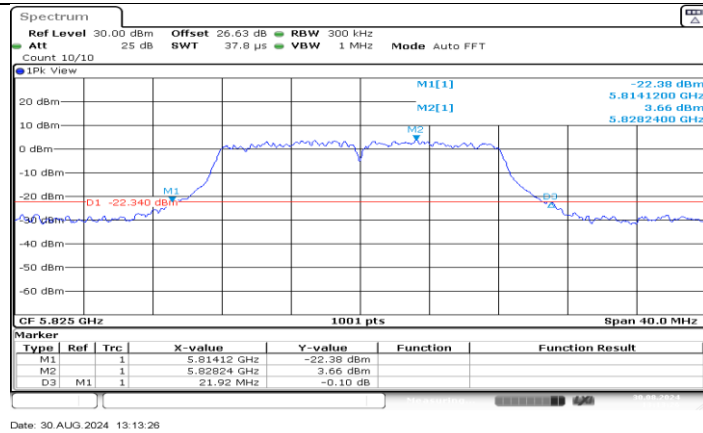
11A_Ant1_5720



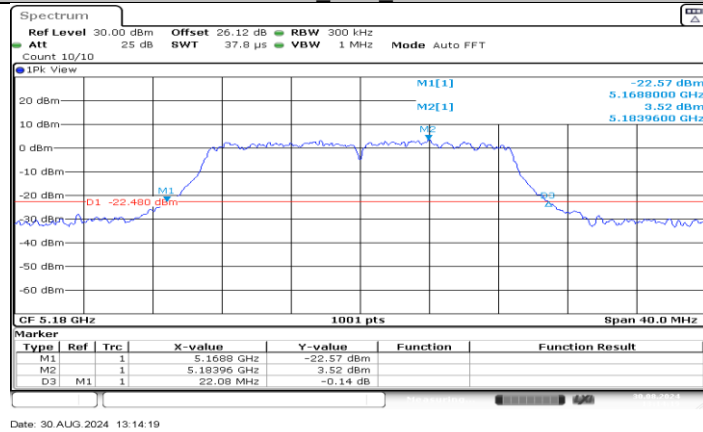
11A_Ant1_5745



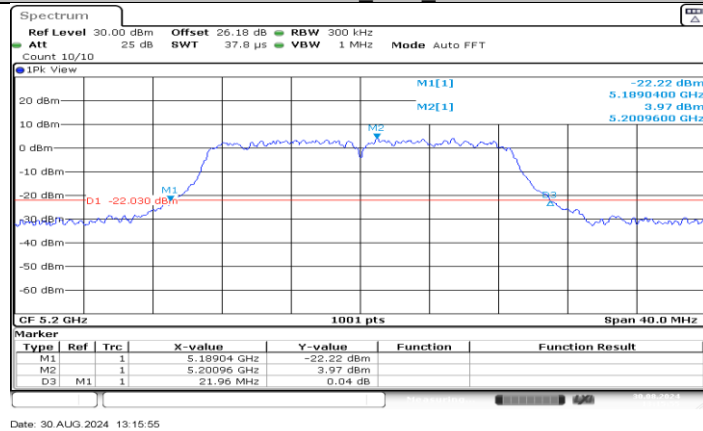
11A_Ant1_5785



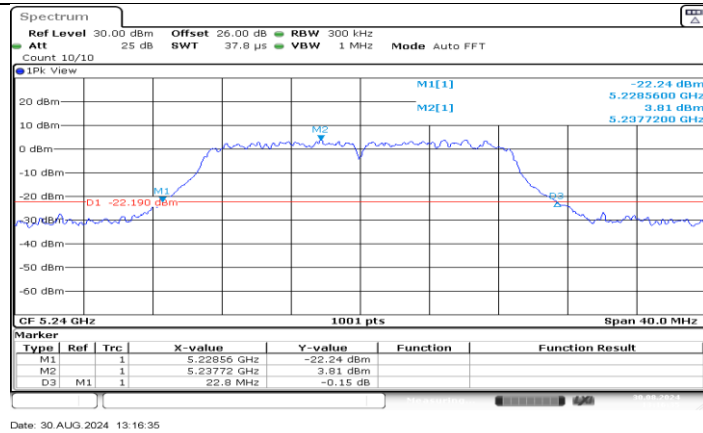
11A_Ant1_5825



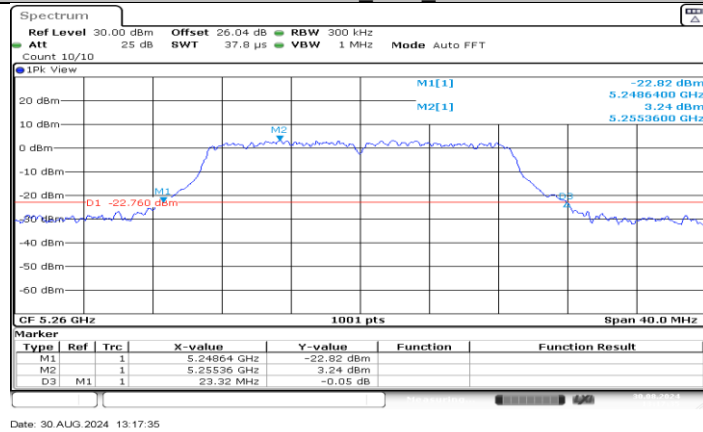
11N20SISO_Ant1_5180



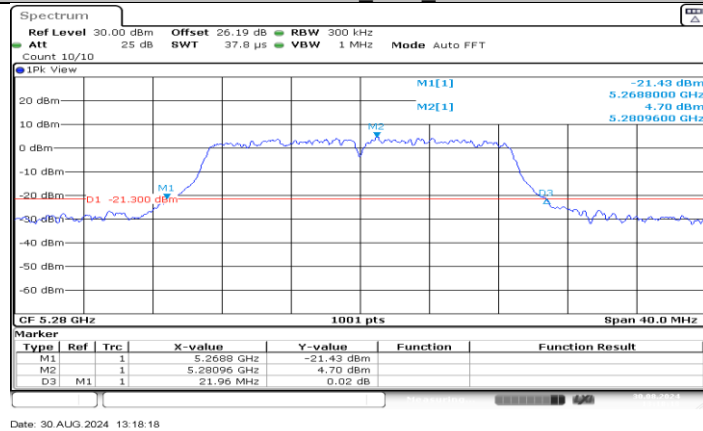
11N20SISO_Ant1_5200



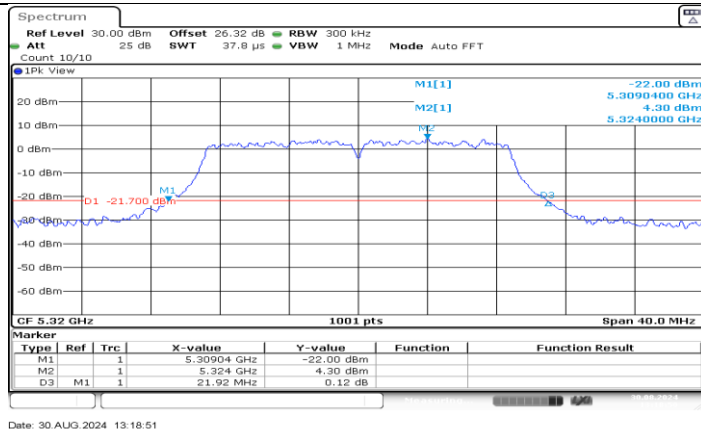
11N20SISO_Ant1_5240



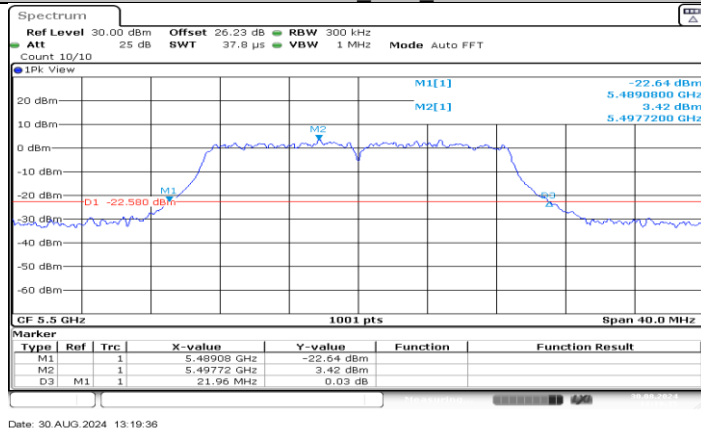
11N20SISO_Ant1_5260



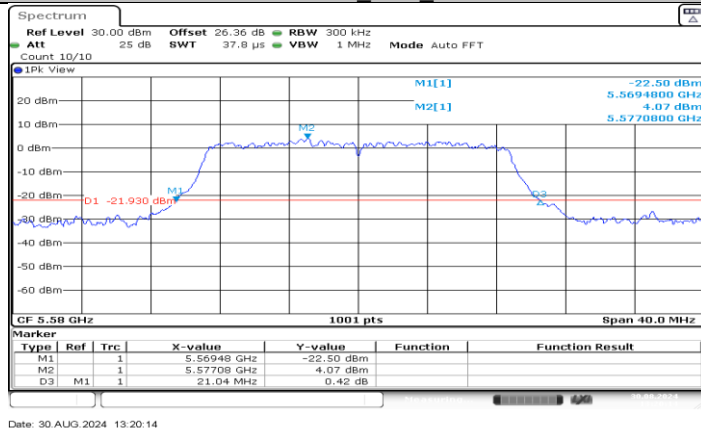
11N20SISO_Ant1_5280



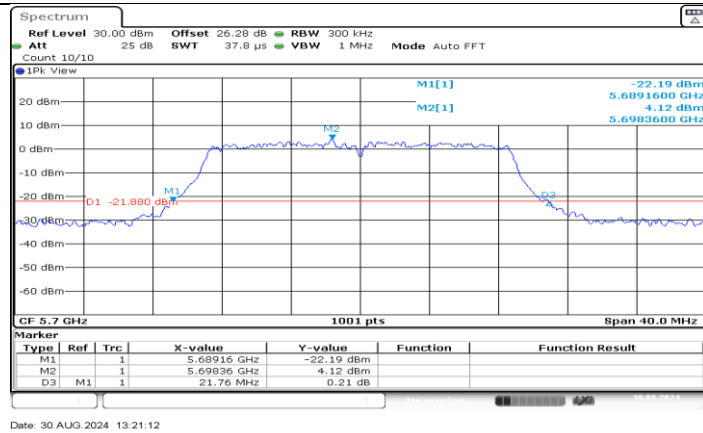
11N20SISO_Ant1_5320



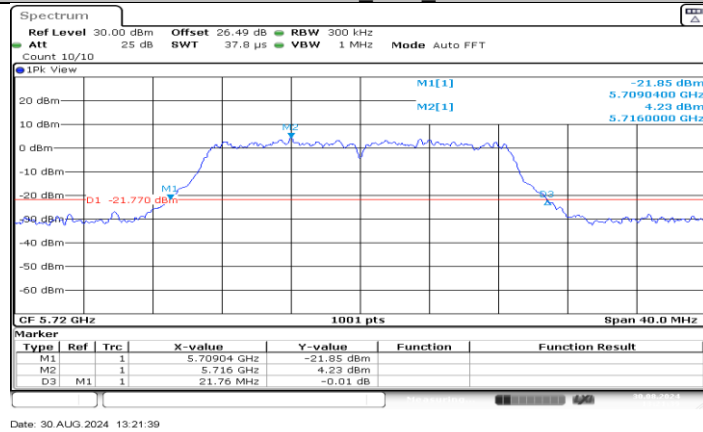
11N20SISO_Ant1_5500



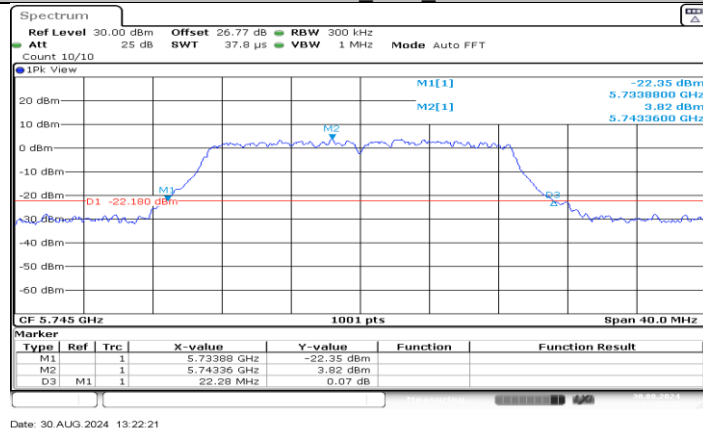
11N20SISO_Ant1_5580



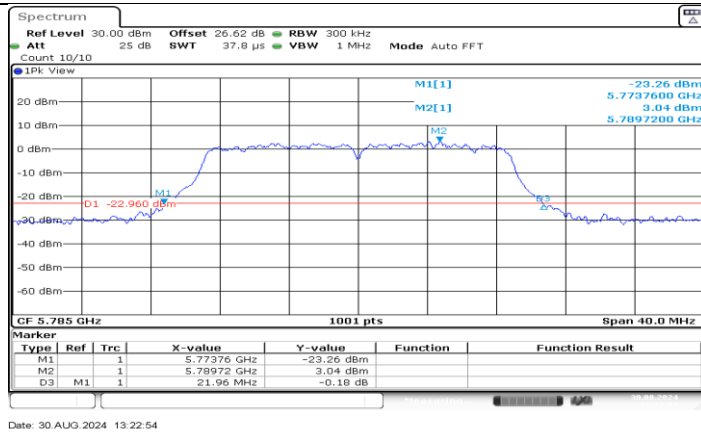
11N20SISO_Ant1_5700



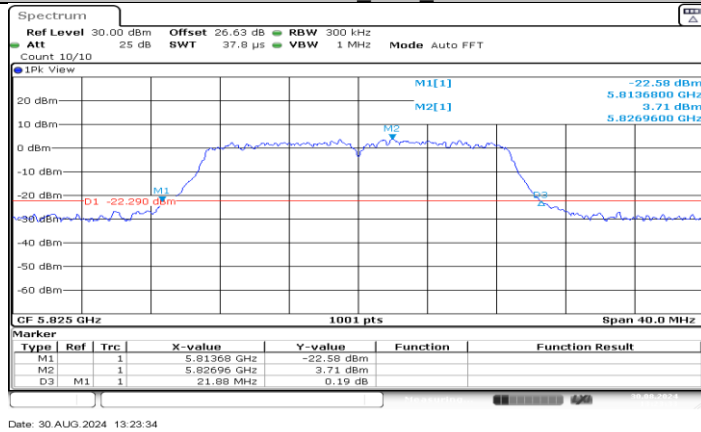
11N20SISO_Ant1_5720



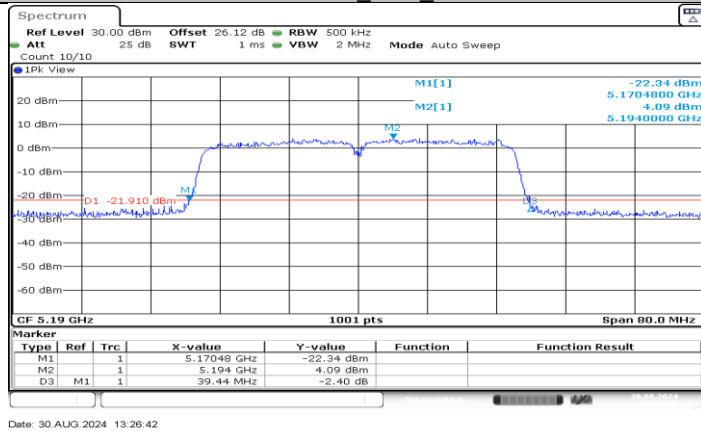
11N20SISO_Ant1_5745



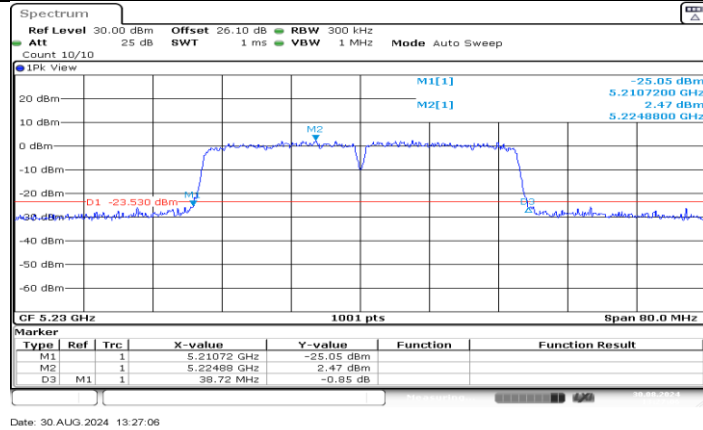
11N20SISO_Ant1_5785



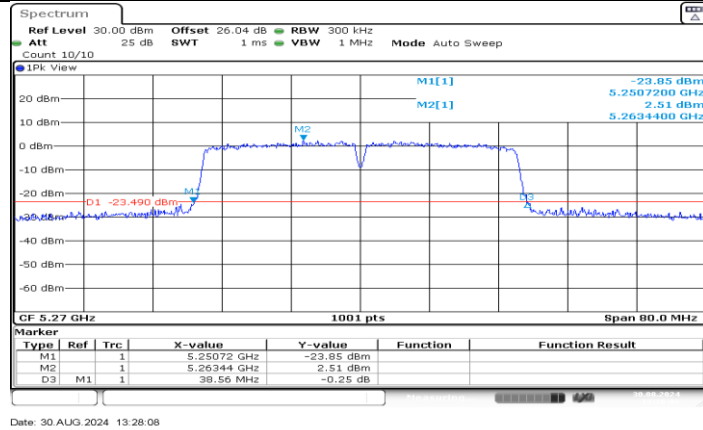
11N20SISO_Ant1_5825



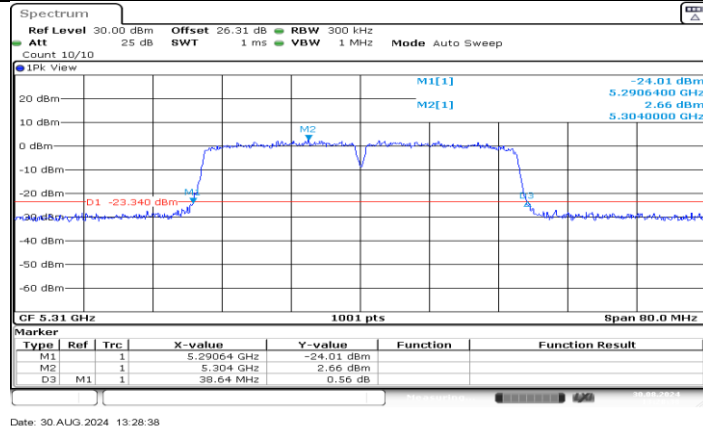
11N40SISO_Ant1_5190



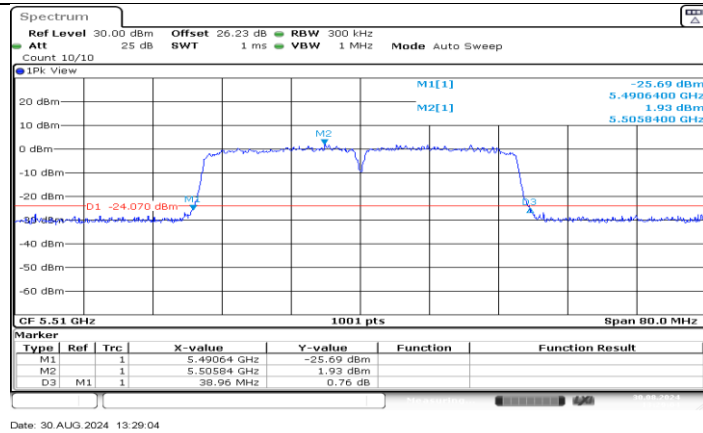
11N40SISO_Ant1_5230



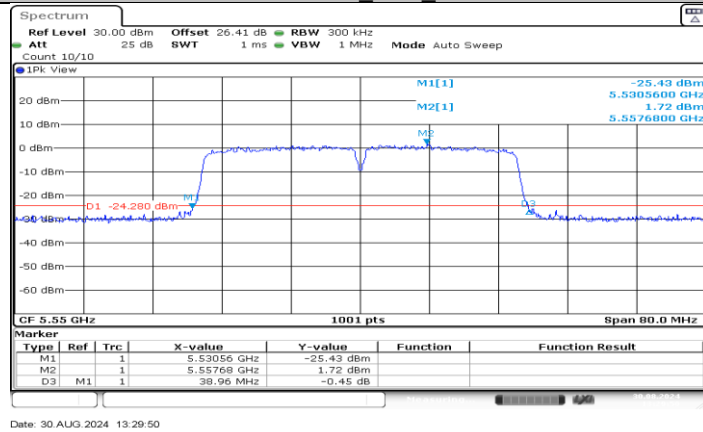
11N40SISO_Ant1_5270



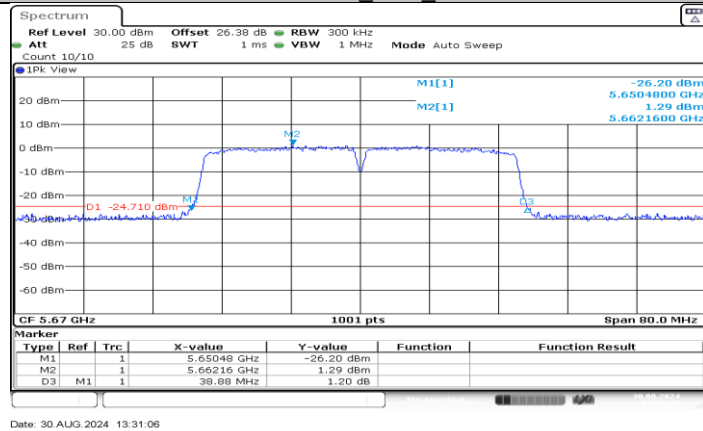
11N40SISO_Ant1_5310



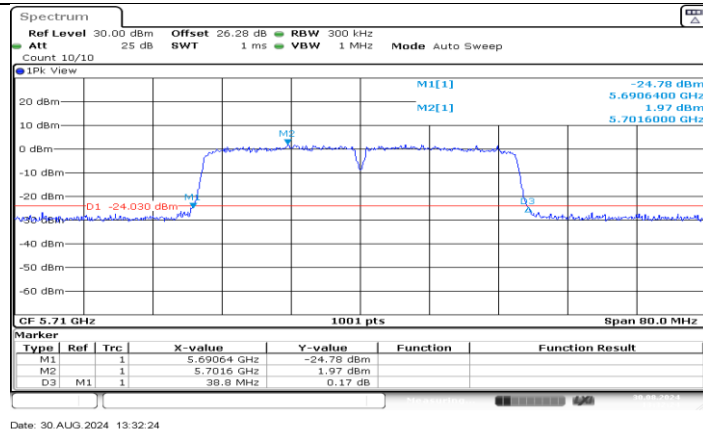
11N40SISO_Ant1_5510



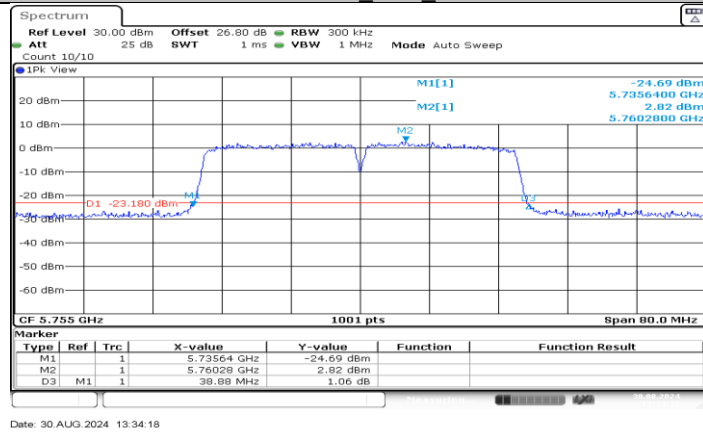
11N40SISO_Ant1_5550



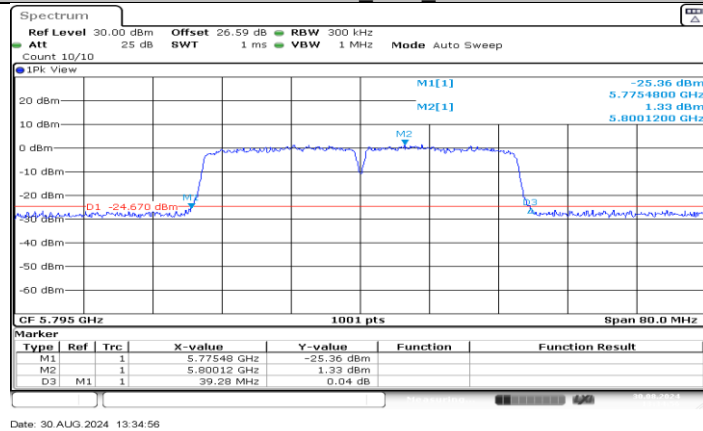
11N40SISO_Ant1_5670



11N40SISO_Ant1_5710



11N40SISO_Ant1_5755



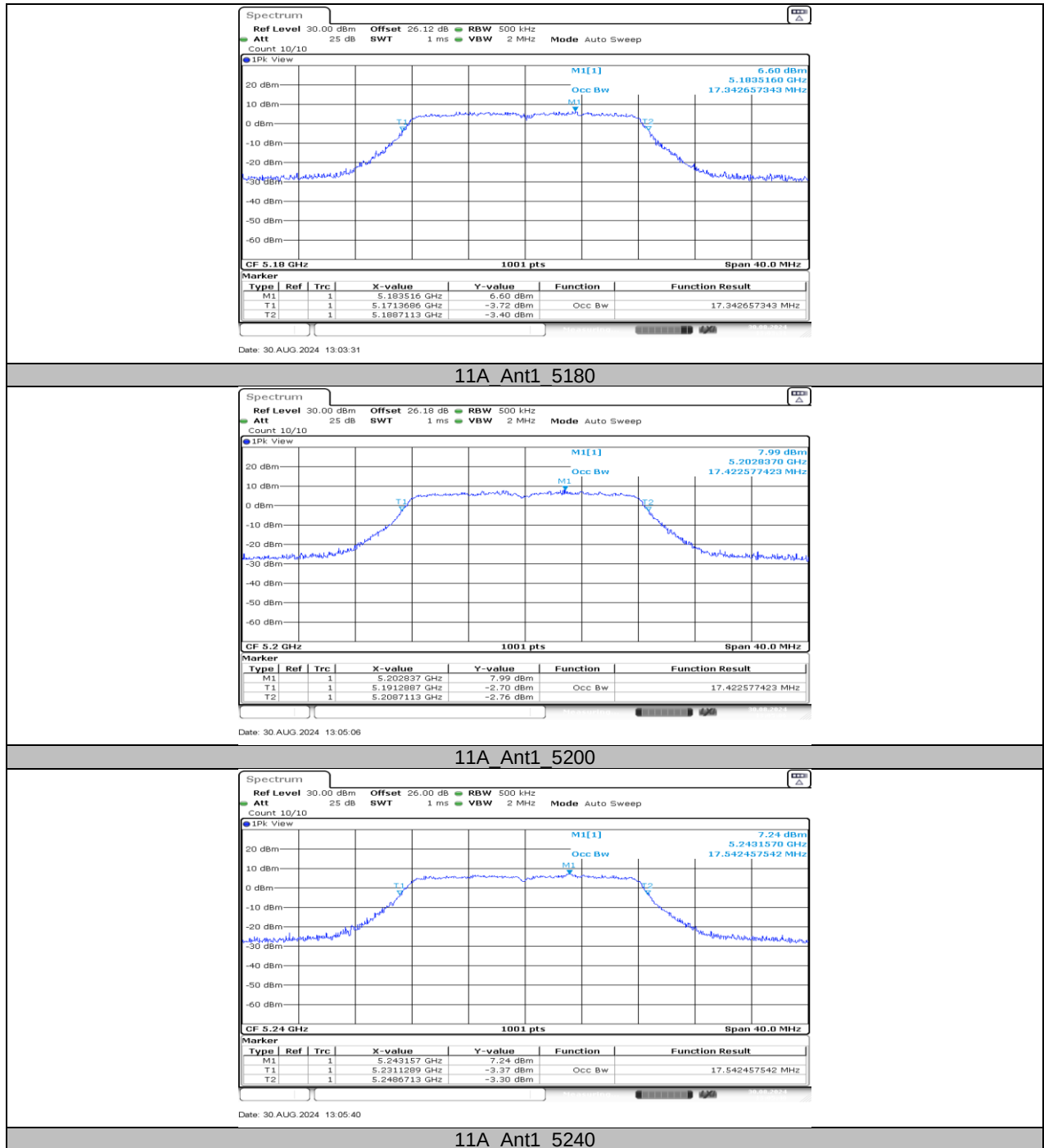
11N40SISO_Ant1_5795

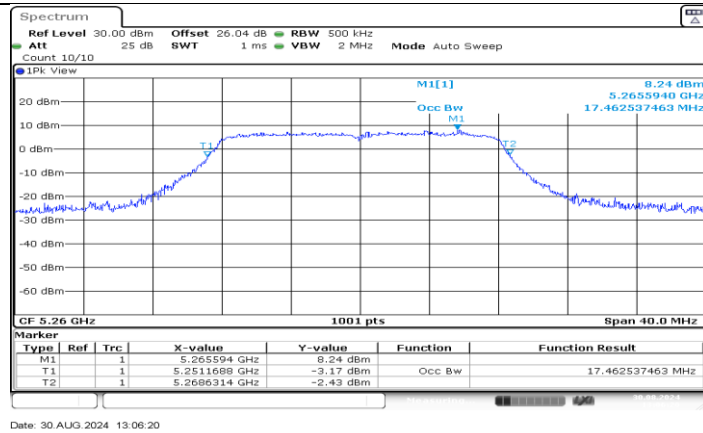
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

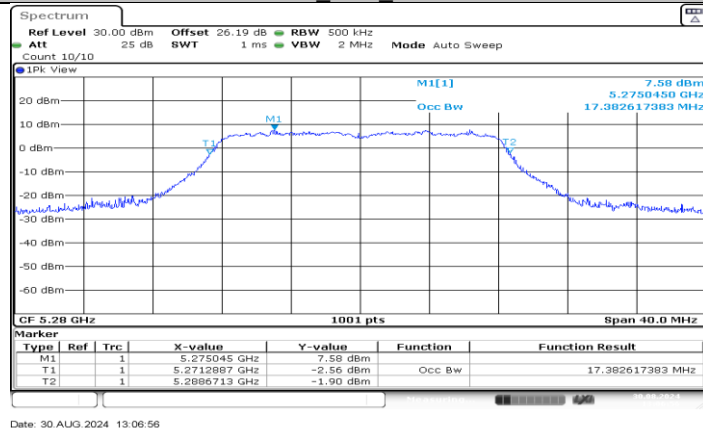
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.343	5171.3686	5188.7113
		5200	17.423	5191.2887	5208.7113
		5240	17.542	5231.1289	5248.6713
		5260	17.463	5251.1688	5268.6314
		5280	17.383	5271.2887	5288.6713
		5320	17.423	5311.2488	5328.6713
		5500	17.423	5491.3287	5508.7512
		5580	17.582	5571.1289	5588.7113
		5700	17.622	5691.0889	5708.7113
		5720	17.463	5711.2088	5728.6713
		5720_UNII-2C	13.791	5711.2088	5725
		5720_UNII-3	3.671	5725	5728.6713
		5745	17.463	5736.3287	5753.7912
		5785	17.502	5776.2088	5793.7113
		5825	17.542	5816.2488	5833.7912
11N20SISO	Ant1	5180	18.462	5170.8092	5189.2707
		5200	18.342	5190.8492	5209.1908
		5240	18.422	5230.8092	5249.2308
		5260	18.422	5250.7692	5269.1908
		5280	18.422	5270.7293	5289.1508
		5320	18.382	5310.7692	5329.1508
		5500	18.462	5490.7293	5509.1908
		5580	18.501	5570.6893	5589.1908
		5700	18.302	5690.8492	5709.1508
		5720	18.382	5710.7692	5729.1508
		5720_UNII-2C	14.231	5710.7692	5725
		5720_UNII-3	4.151	5725	5729.1508
		5745	18.422	5735.7293	5754.1508
		5785	18.462	5775.7293	5794.1908
		5825	18.462	5815.8492	5834.3107
11N40SISO	Ant1	5190	35.964	5172.0979	5208.0619
		5230	36.044	5212.0180	5248.0619
		5270	36.044	5252.0180	5288.0619
		5310	35.964	5292.0180	5327.9820
		5510	36.044	5492.0180	5528.0619
		5550	35.964	5532.0979	5568.0619
		5670	36.124	5651.9381	5688.0619
		5710	35.964	5692.0180	5727.9820
		5710_UNII-2C	32.982	5692.0180	5725
		5710_UNII-3	2.982	5725	5727.9820
		5755	36.044	5737.0180	5773.0619
		5795	36.044	5777.0180	5813.0619

11.2.2. Test Graphs

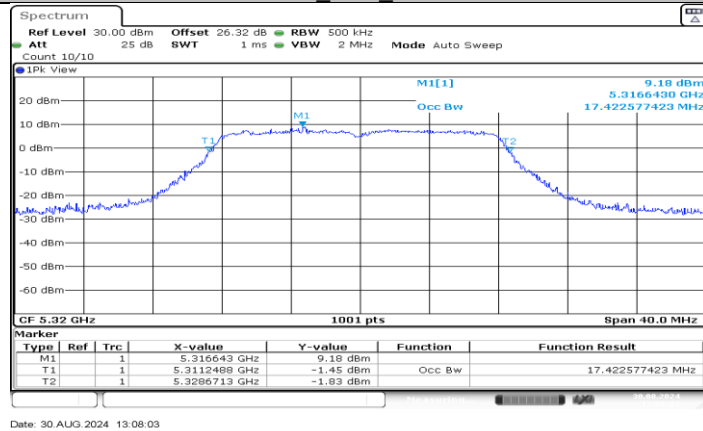




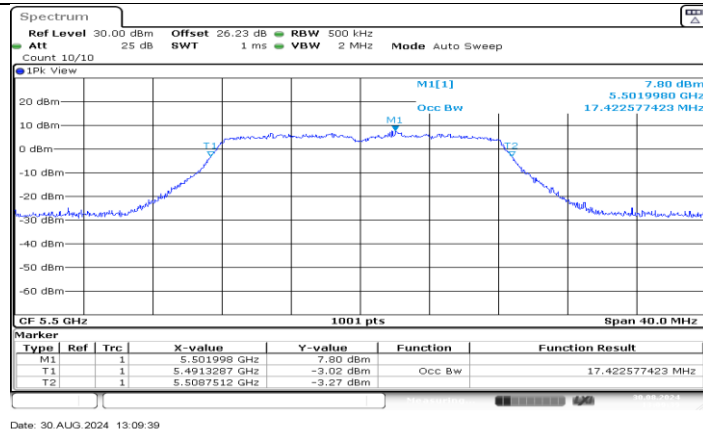
11A_Ant1_5260



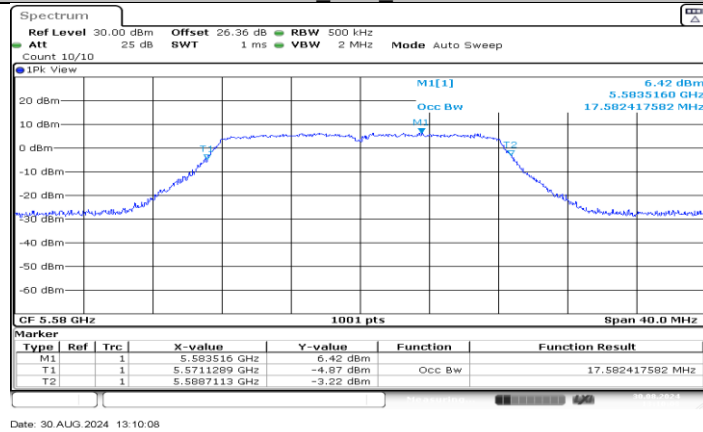
11A_Ant1_5280



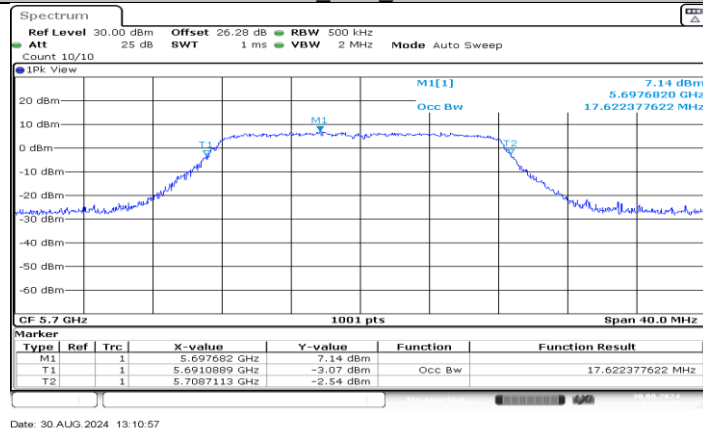
11A_Ant1_5320



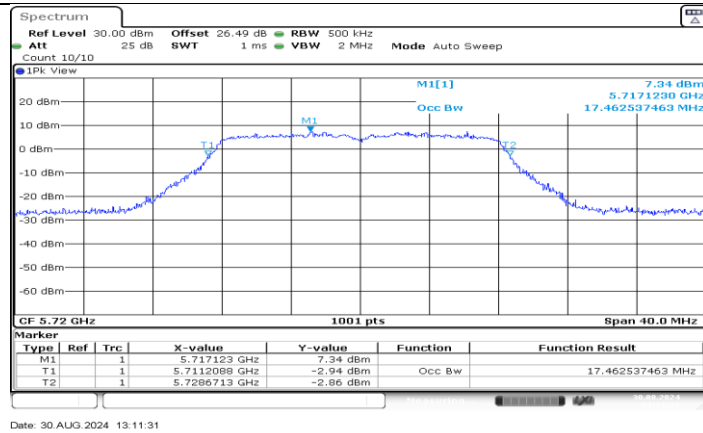
11A_Ant1_5500



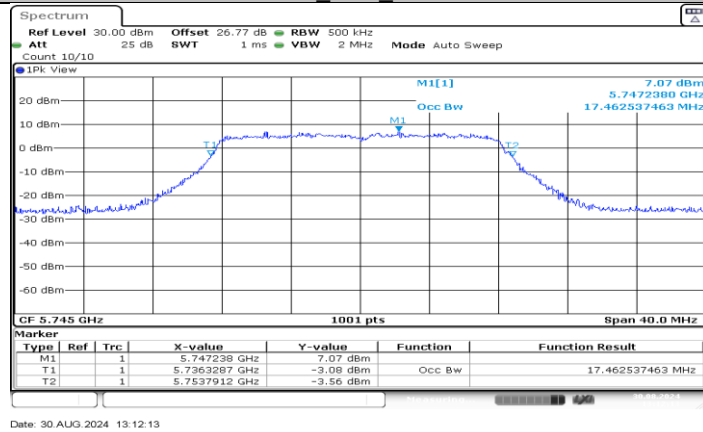
11A_Ant1_5580



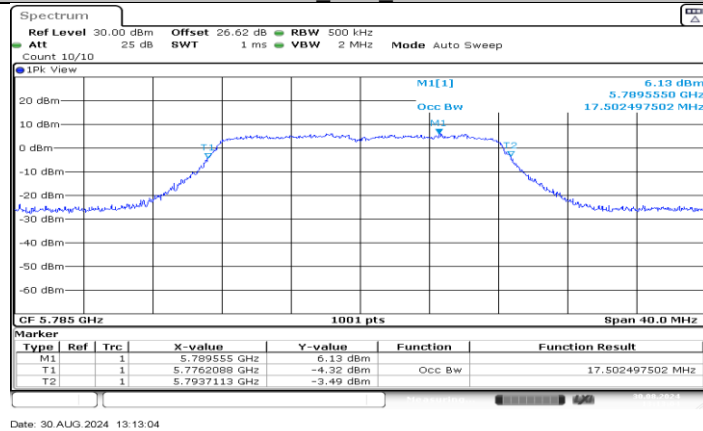
11A_Ant1_5700



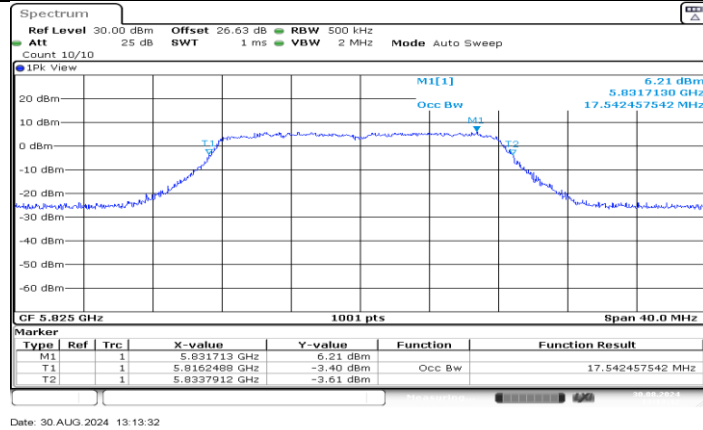
11A_Ant1_5720



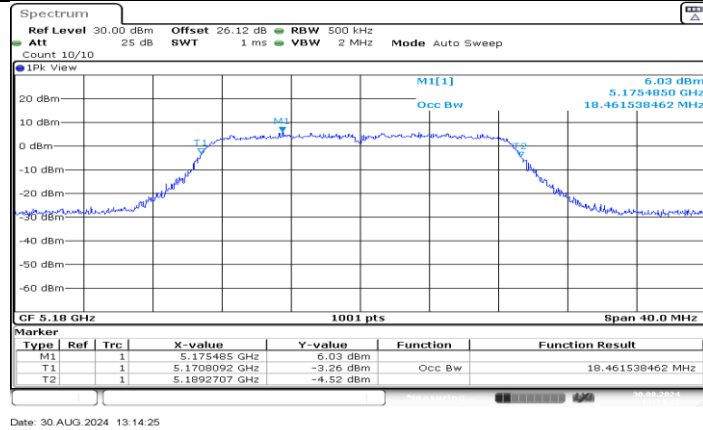
11A_Ant1_5745



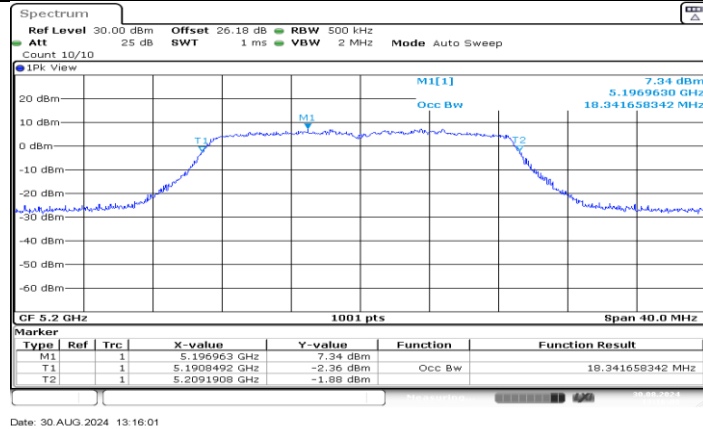
11A_Ant1_5785



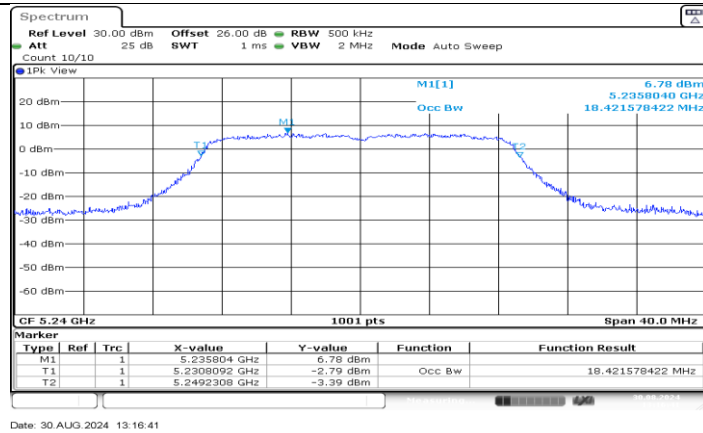
11A_Ant1_5825



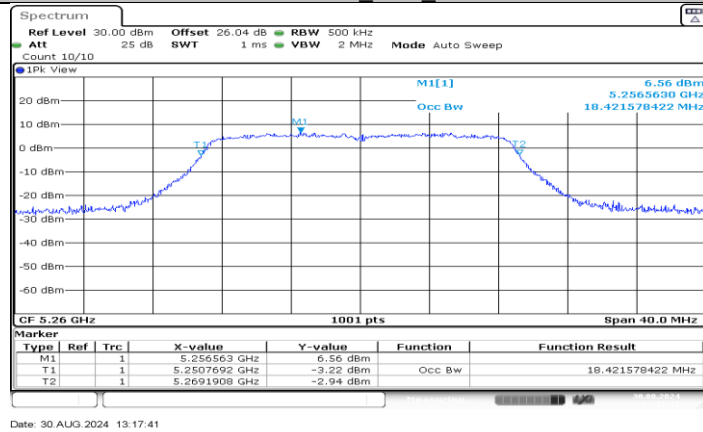
11N20SISO_Ant1_5180



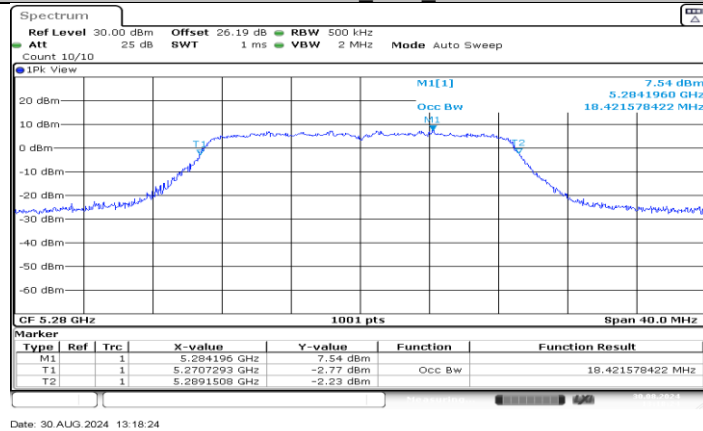
11N20SISO_Ant1_5200



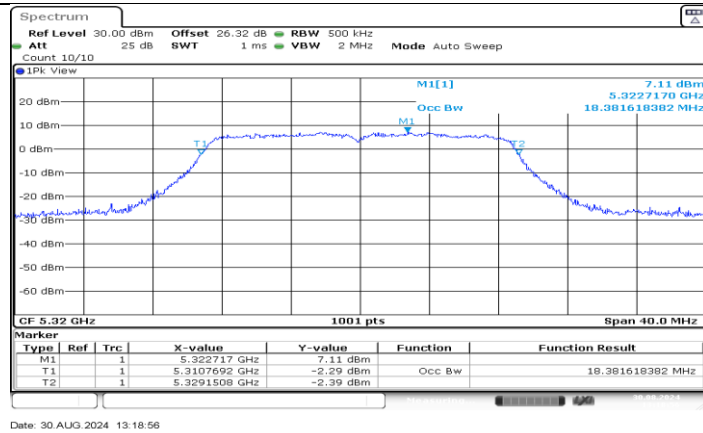
11N20SISO_Ant1_5240



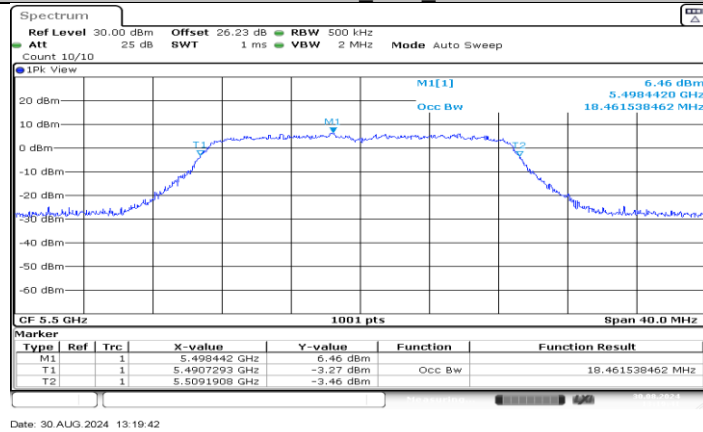
11N20SISO_Ant1_5260



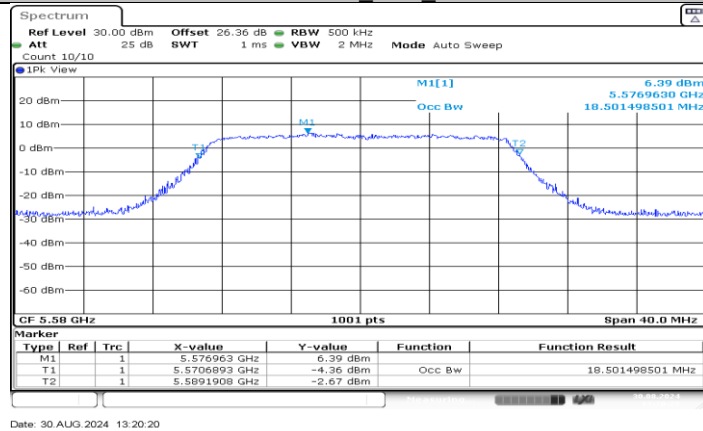
11N20SISO_Ant1_5280



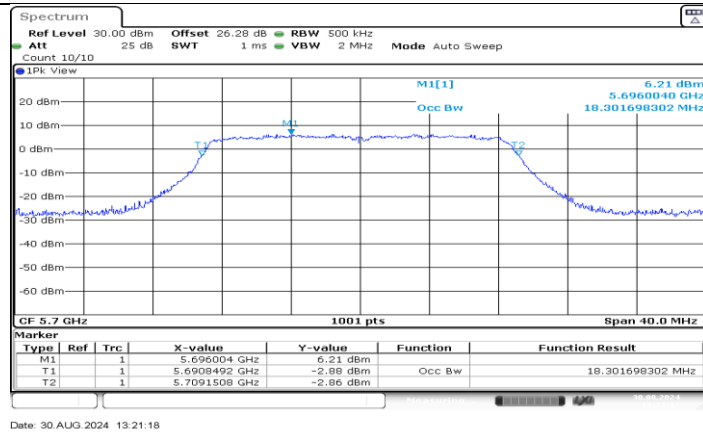
11N20SISO_Ant1_5320



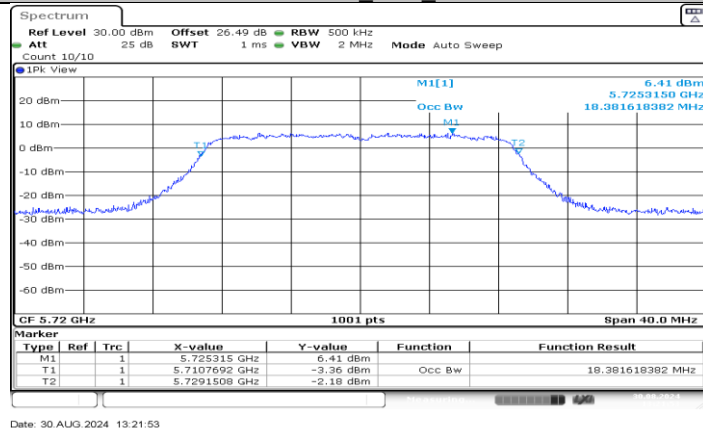
11N20SISO_Ant1_5500



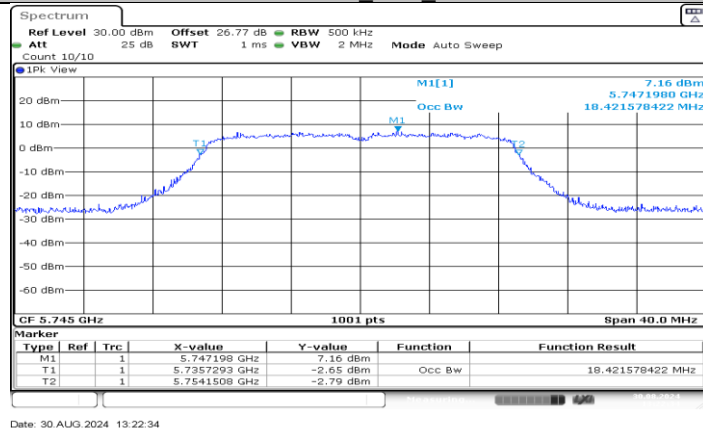
11N20SISO_Ant1_5580



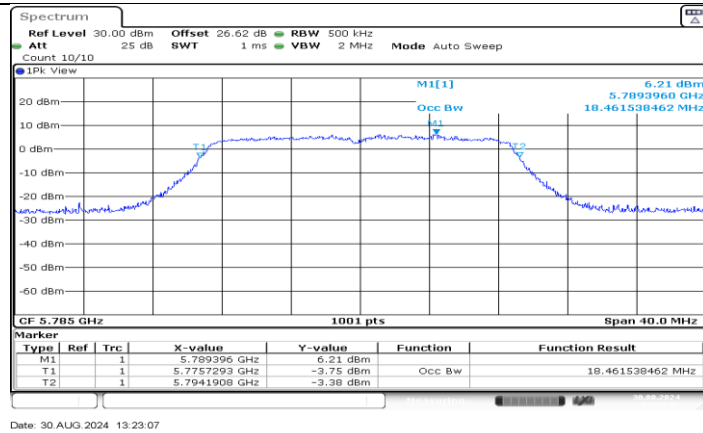
11N20SISO_Ant1_5700



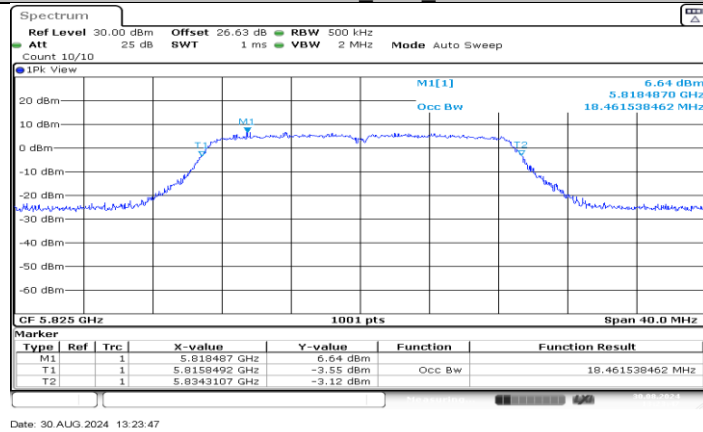
11N20SISO_Ant1_5720



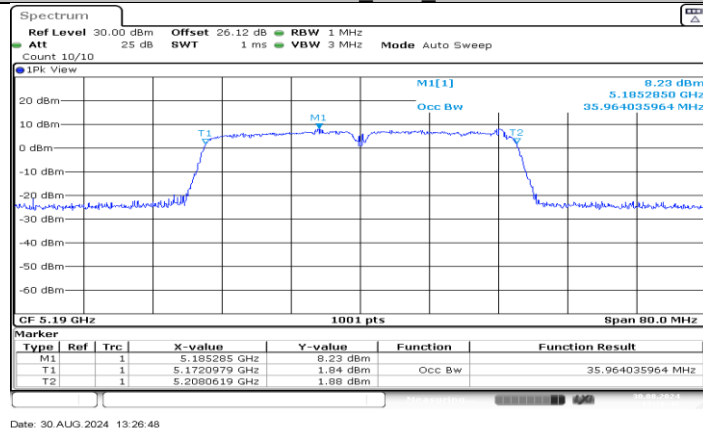
11N20SISO_Ant1_5745



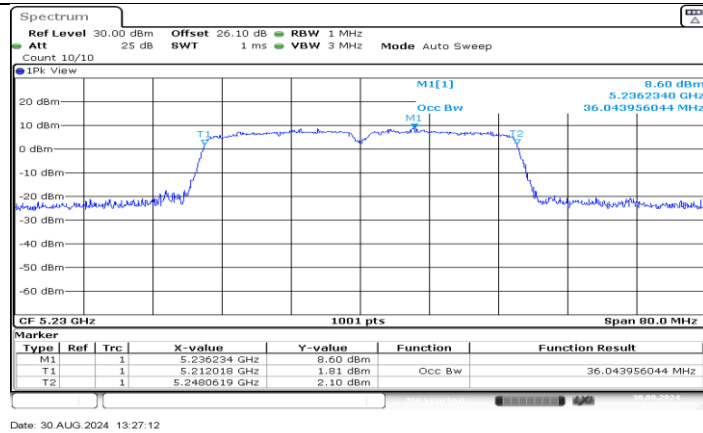
11N20SISO_Ant1_5785



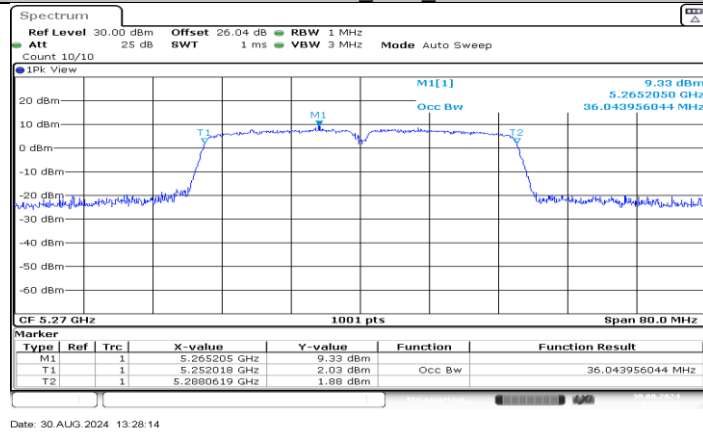
11N20SISO_Ant1_5825



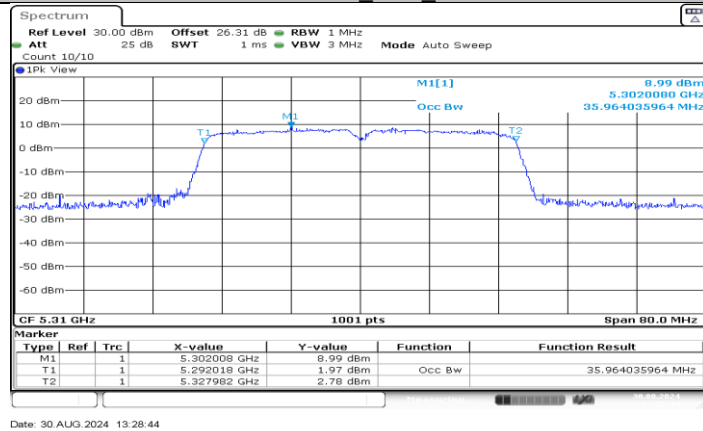
11N40SISO_Ant1_5190



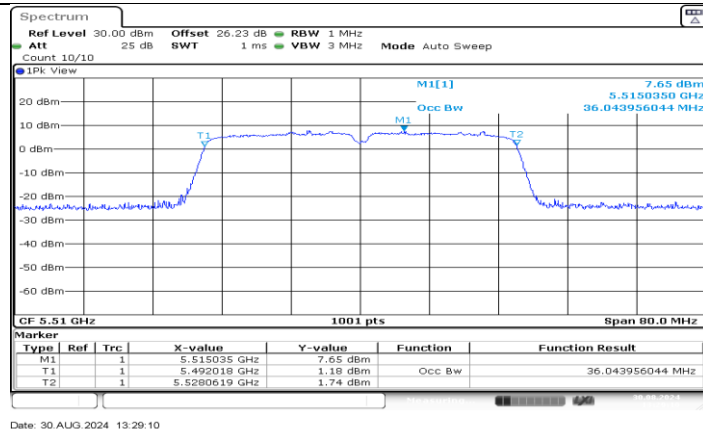
11N40SISO_Ant1_5230



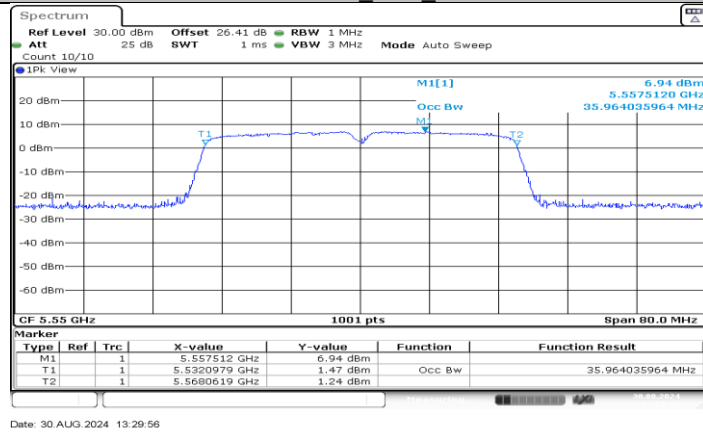
11N40SISO_Ant1_5270



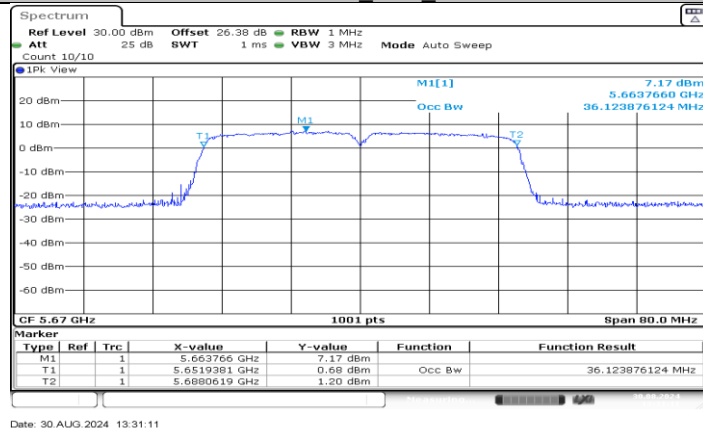
11N40SISO_Ant1_5310



11N40SISO_Ant1_5510



11N40SISO_Ant1_5550



11N40SISO_Ant1_5670