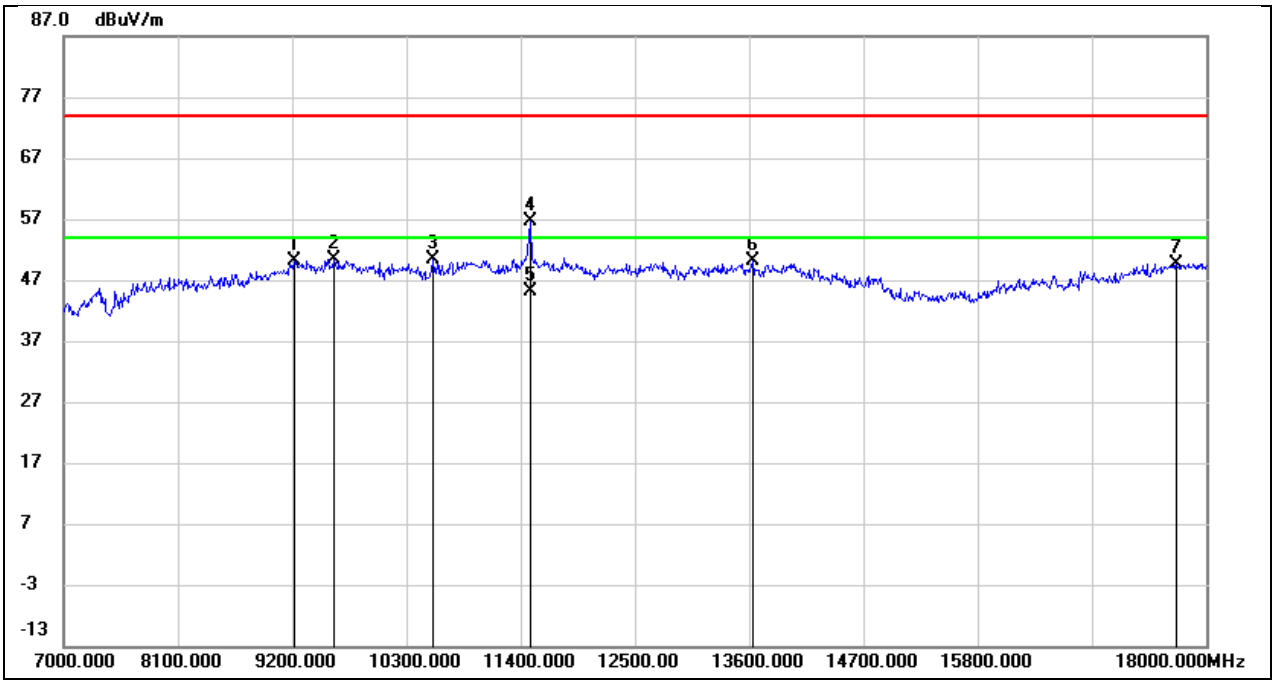
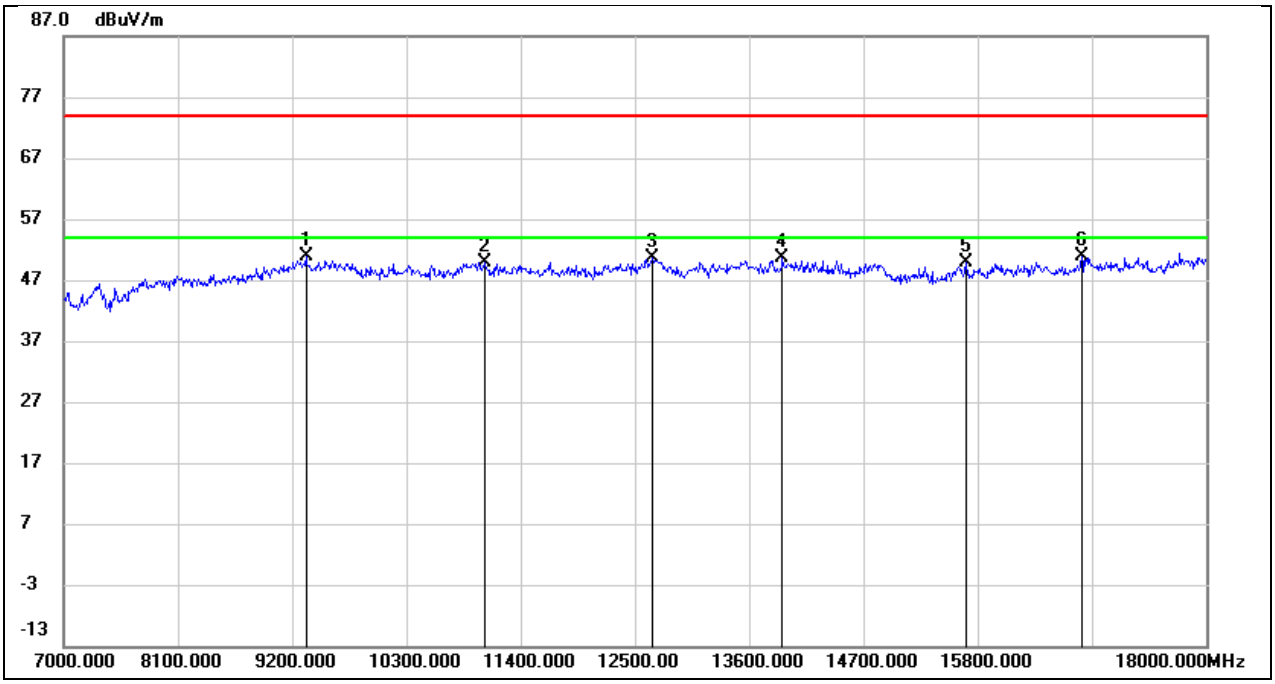
Test Mode:	802.11n HT20	Frequency(MHz):	5745
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



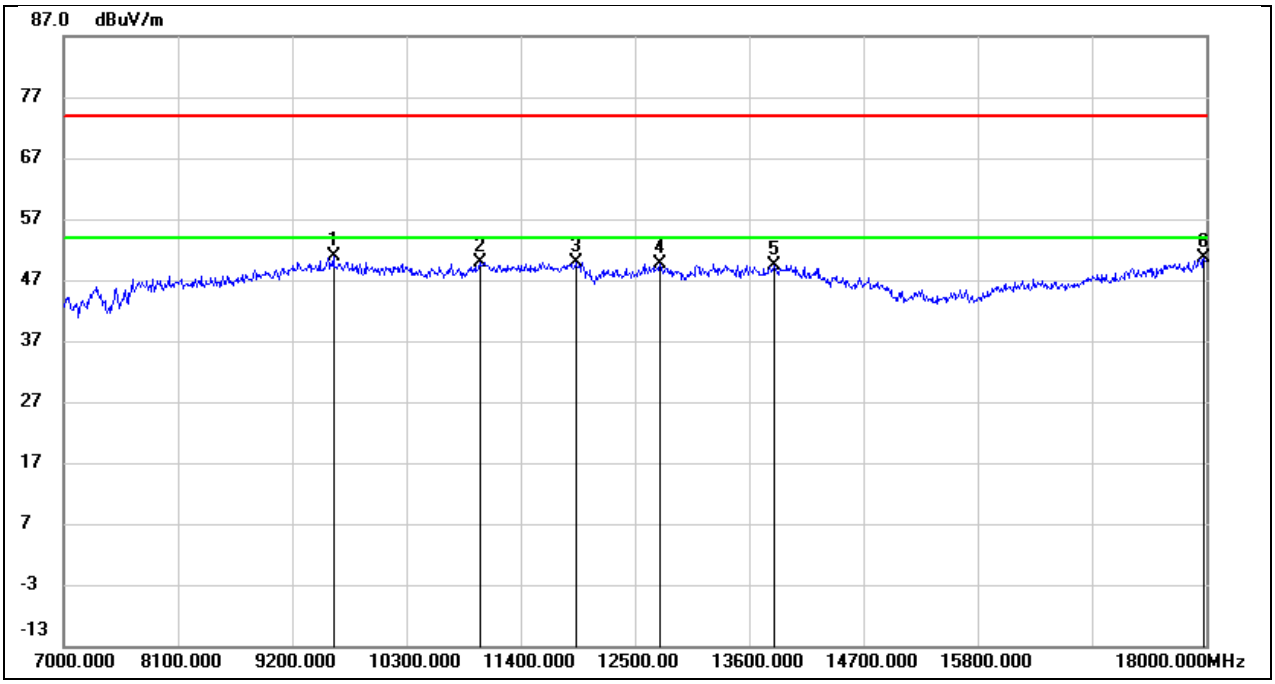
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9222.000	38.61	11.56	50.17	74.00	-23.83	peak
2	9607.000	37.03	13.44	50.47	74.00	-23.53	peak
3	10553.000	36.77	13.64	50.41	74.00	-23.59	peak
4	11488.000	38.93	17.81	56.74	74.00	-17.26	peak
5	11488.000	27.33	17.81	45.14	54.00	-8.86	AVG
6	13633.000	27.94	22.15	50.09	74.00	-23.91	peak
7	17714.000	23.28	26.46	49.74	74.00	-24.26	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5745
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



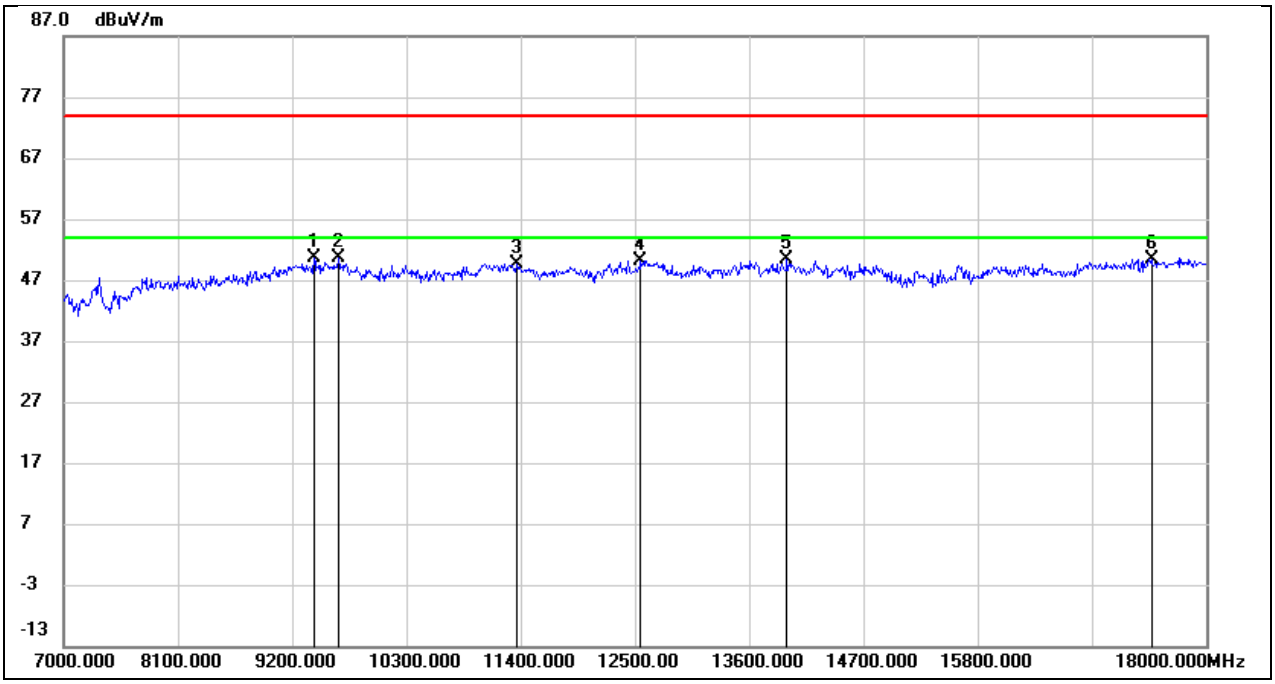
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9332.000	38.73	12.06	50.79	74.00	-23.21	peak
2	11048.000	35.48	14.37	49.85	74.00	-24.15	peak
3	12665.000	32.09	18.42	50.51	74.00	-23.49	peak
4	13919.000	29.21	21.47	50.68	74.00	-23.32	peak
5	15690.000	28.70	21.16	49.86	74.00	-24.14	peak
6	16801.000	26.90	23.89	50.79	74.00	-23.21	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5785
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



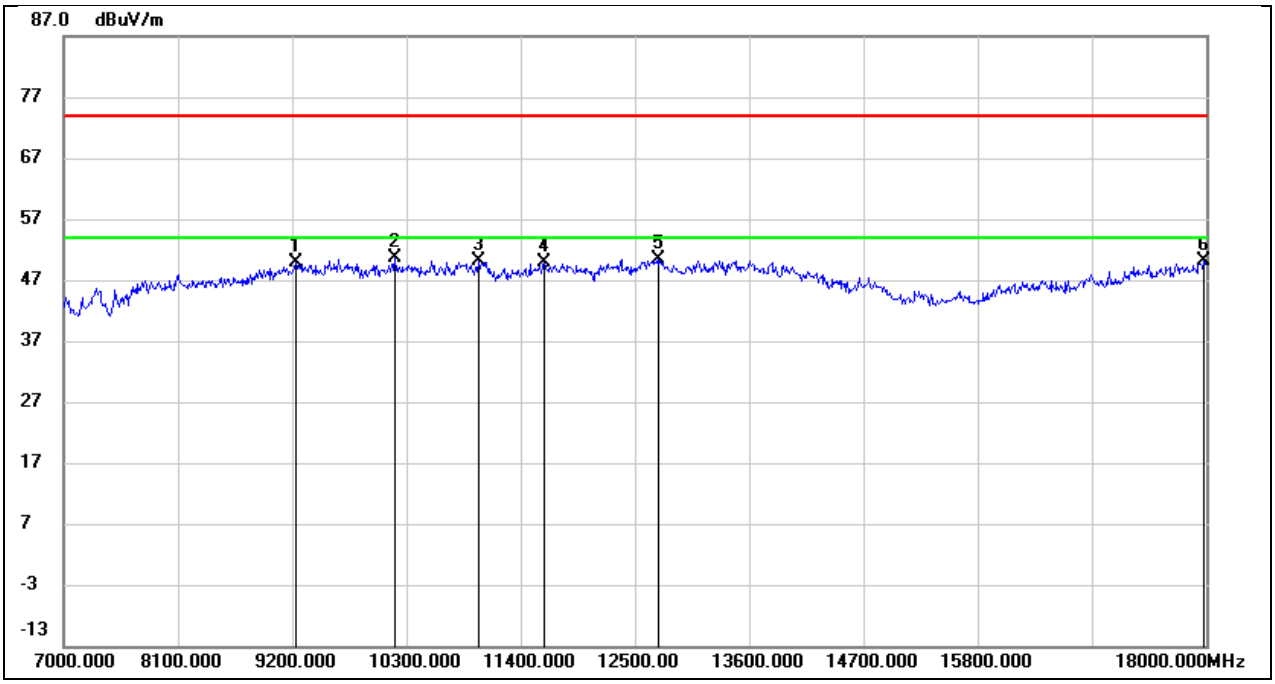
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9596.000	37.56	13.40	50.96	74.00	-23.04	peak
2	11004.000	34.88	14.99	49.87	74.00	-24.13	peak
3	11928.000	31.37	18.50	49.87	74.00	-24.13	peak
4	12742.000	29.85	19.73	49.58	74.00	-24.42	peak
5	13842.000	26.70	22.78	49.48	74.00	-24.52	peak
6	17978.000	21.48	29.18	50.66	74.00	-23.34	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



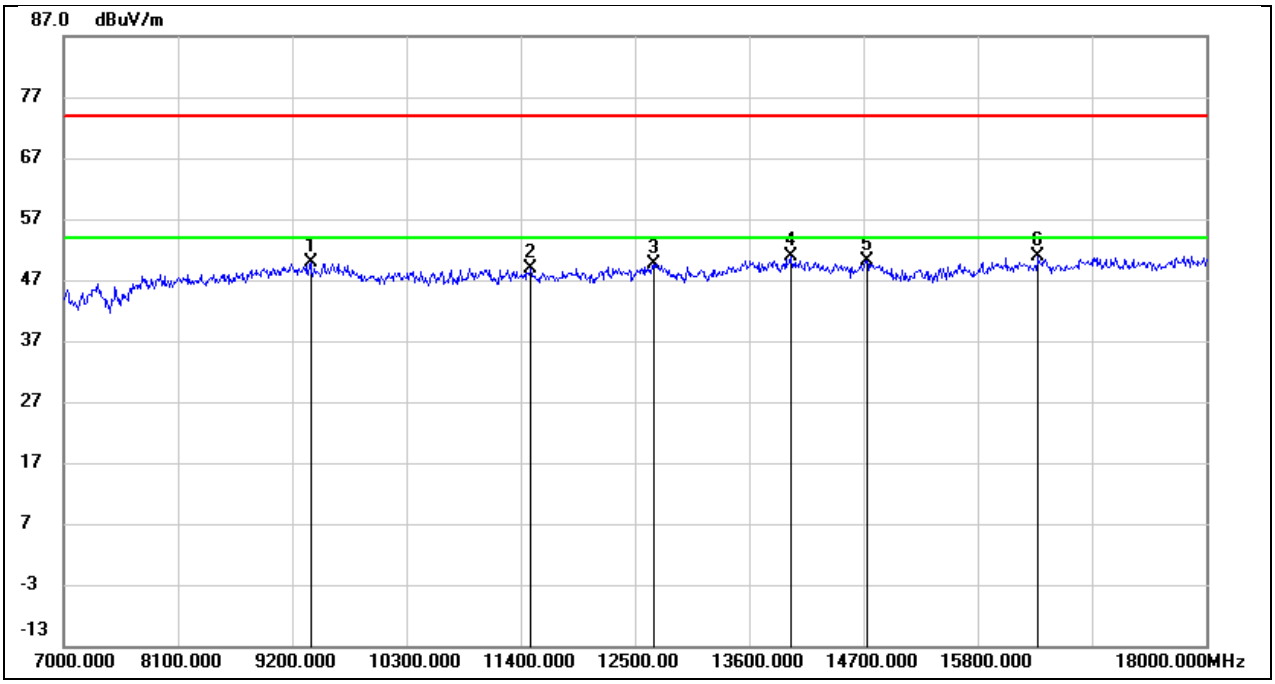
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9409.000	38.34	12.28	50.62	74.00	-23.38	peak
2	9651.000	37.31	13.30	50.61	74.00	-23.39	peak
3	11367.000	33.88	15.86	49.74	74.00	-24.26	peak
4	12555.000	32.03	18.18	50.21	74.00	-23.79	peak
5	13963.000	28.62	21.65	50.27	74.00	-23.73	peak
6	17472.000	25.68	24.80	50.48	74.00	-23.52	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



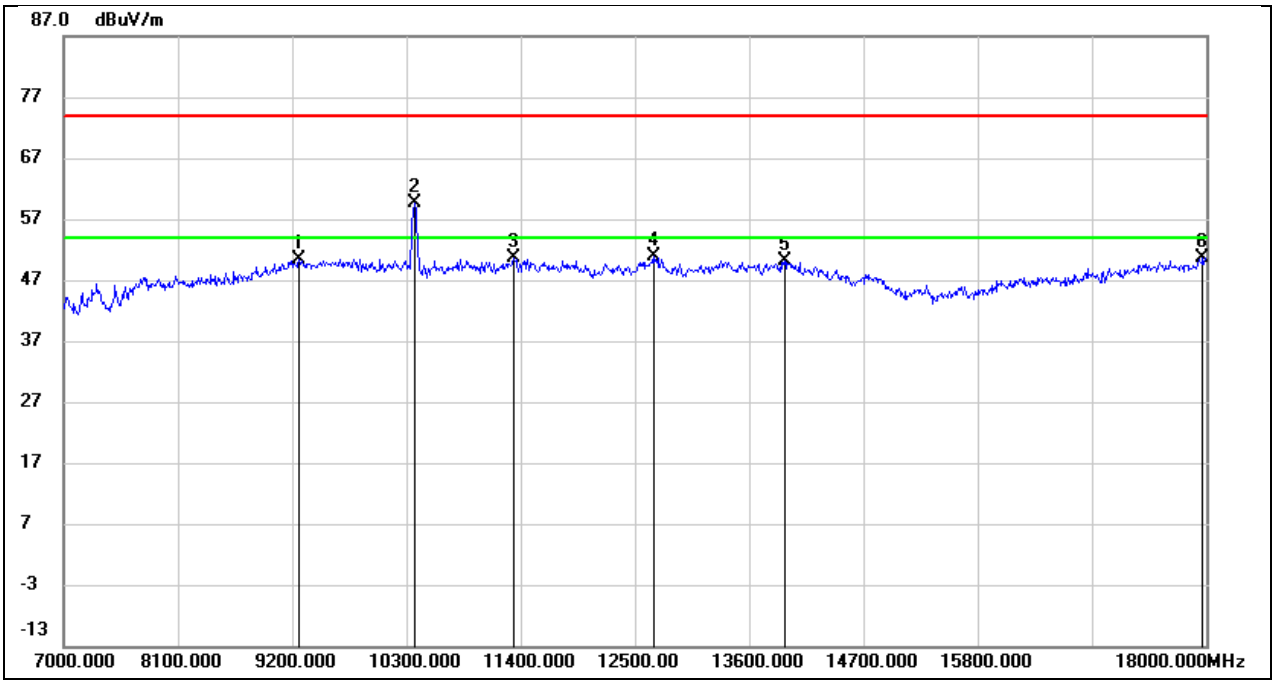
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	38.35	11.59	49.94	74.00	-24.06	peak
2	10190.000	37.39	13.17	50.56	74.00	-23.44	peak
3	10993.000	35.15	14.94	50.09	74.00	-23.91	peak
4	11620.000	31.83	18.17	50.00	74.00	-24.00	peak
5	12720.000	30.64	19.64	50.28	74.00	-23.72	peak
6	17978.000	20.97	29.18	50.15	74.00	-23.85	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



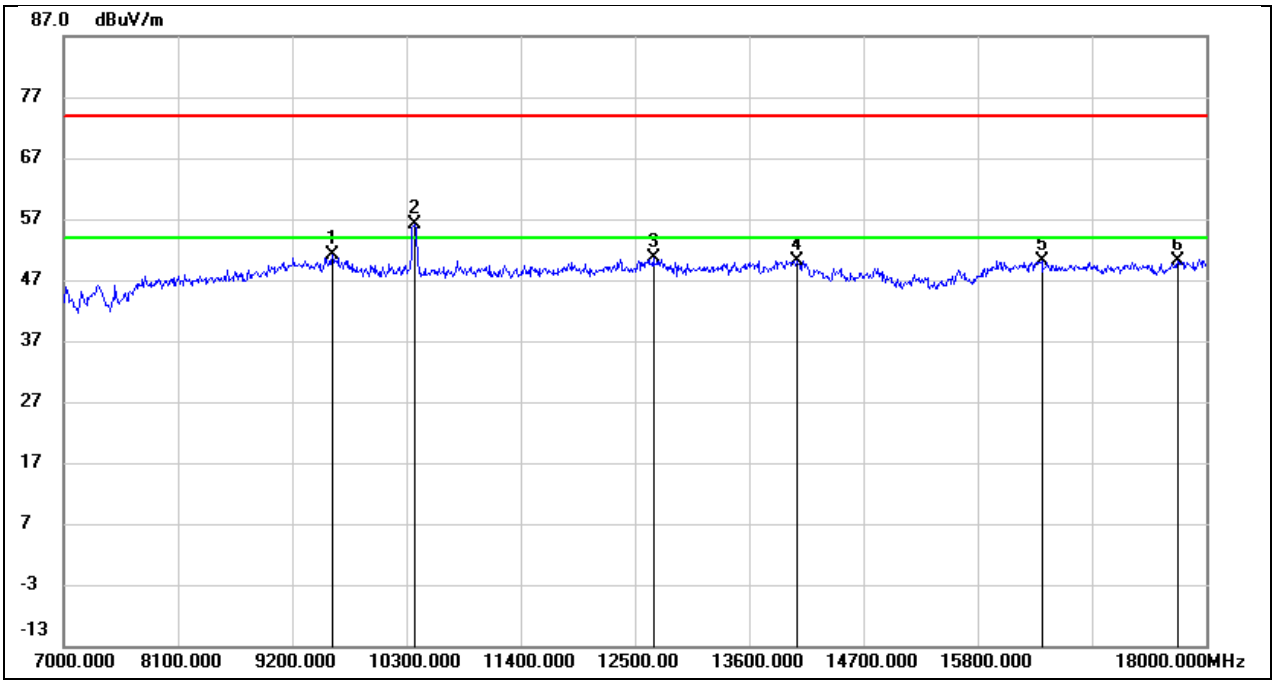
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	37.82	12.17	49.99	74.00	-24.01	peak
2	11499.000	32.60	16.38	48.98	74.00	-25.02	peak
3	12676.000	31.24	18.46	49.70	74.00	-24.30	peak
4	13996.000	29.02	21.79	50.81	74.00	-23.19	peak
5	14733.000	29.60	20.49	50.09	74.00	-23.91	peak
6	16383.000	27.32	23.58	50.90	74.00	-23.10	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



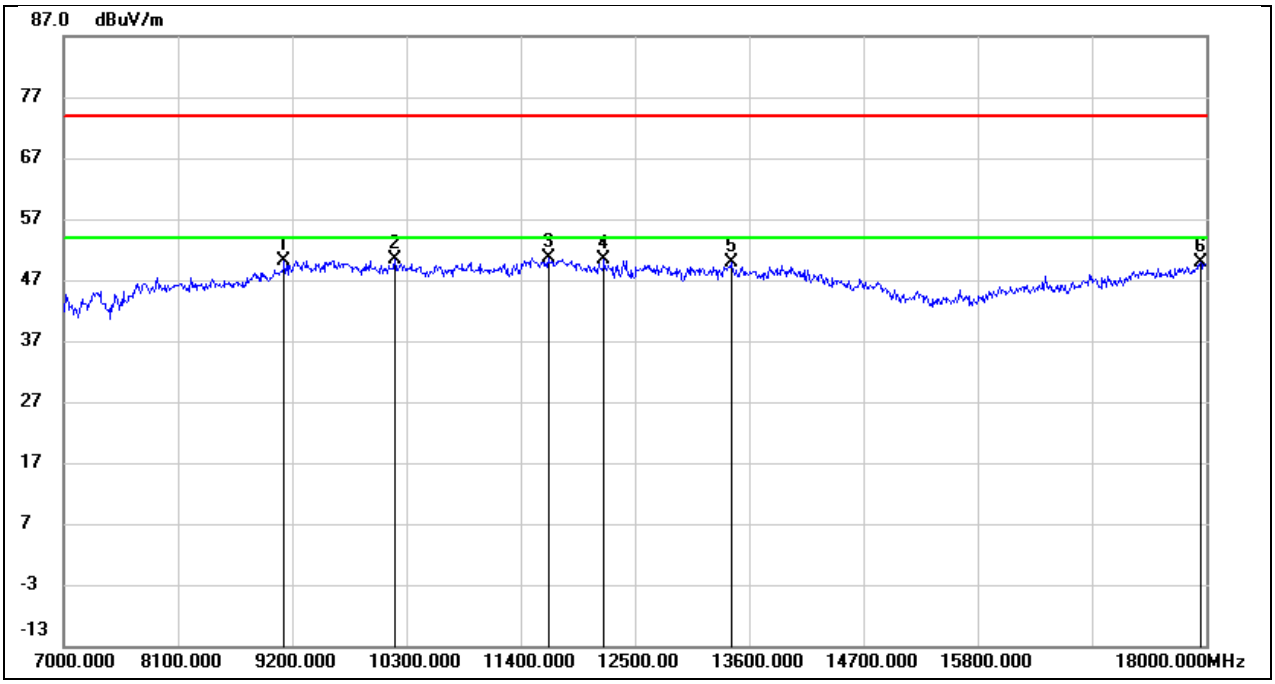
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	38.66	11.70	50.36	74.00	-23.64	peak
2	10377.000	46.21	13.30	59.51	74.00	-14.49	peak
3	11334.000	33.61	16.96	50.57	74.00	-23.43	peak
4	12676.000	31.43	19.47	50.90	74.00	-23.10	peak
5	13941.000	26.90	23.18	50.08	74.00	-23.92	peak
6	17967.000	21.54	29.06	50.60	74.00	-23.40	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



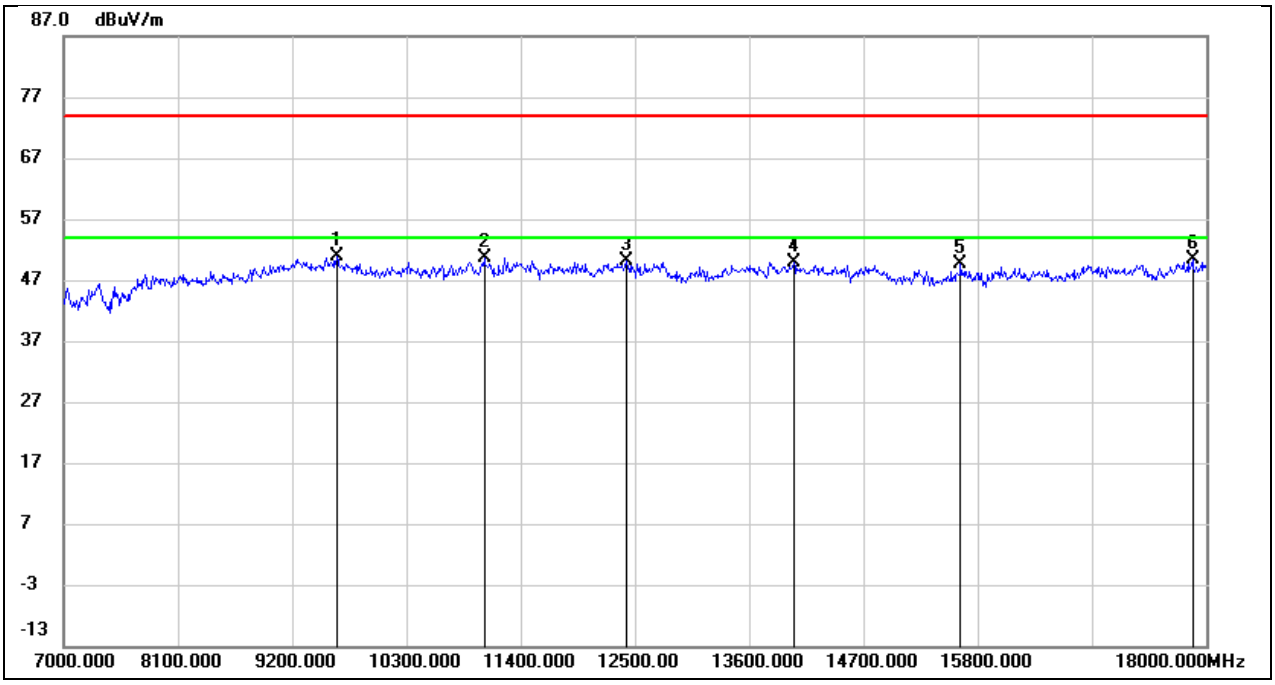
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9585.000	37.95	13.22	51.17	74.00	-22.83	peak
2	10377.000	43.26	12.97	56.23	74.00	-17.77	peak
3	12676.000	32.05	18.46	50.51	74.00	-23.49	peak
4	14062.000	28.51	21.71	50.22	74.00	-23.78	peak
5	16416.000	26.50	23.52	50.02	74.00	-23.98	peak
6	17725.000	24.62	25.56	50.18	74.00	-23.82	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



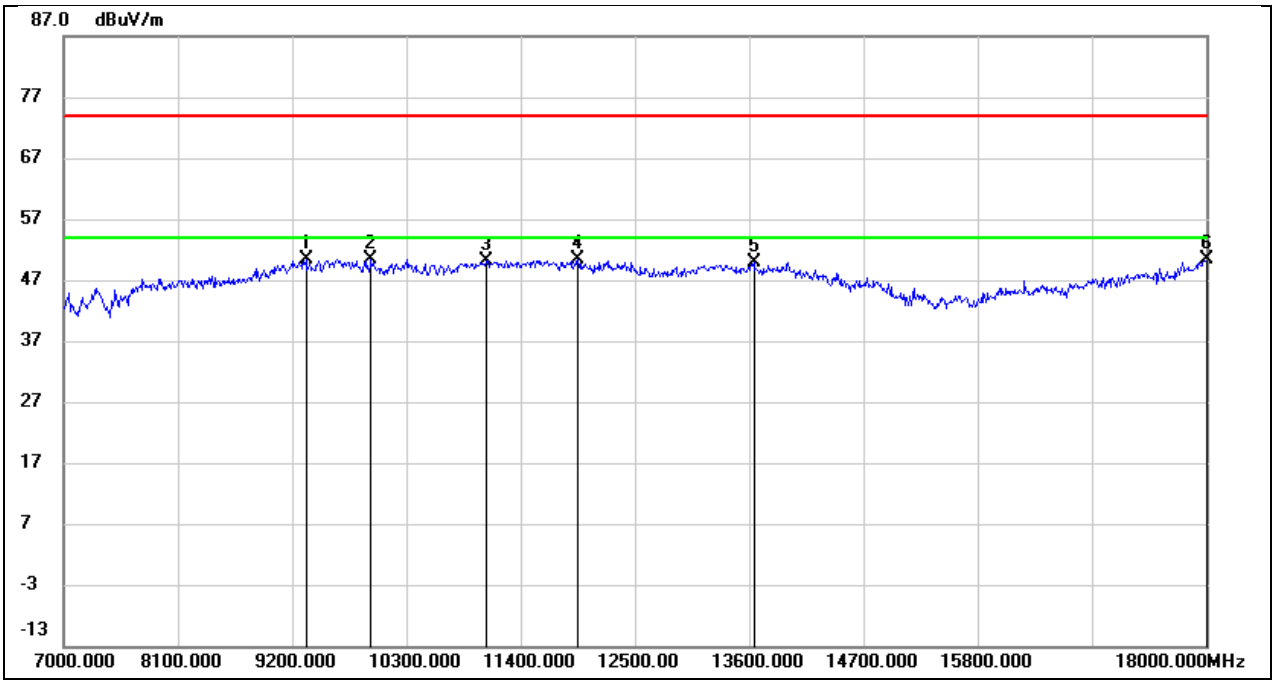
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9123.000	39.09	11.13	50.22	74.00	-23.78	peak
2	10190.000	37.09	13.17	50.26	74.00	-23.74	peak
3	11664.000	32.47	18.15	50.62	74.00	-23.38	peak
4	12203.000	31.47	18.85	50.32	74.00	-23.68	peak
5	13424.000	28.32	21.59	49.91	74.00	-24.09	peak
6	17945.000	21.05	28.83	49.88	74.00	-24.12	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



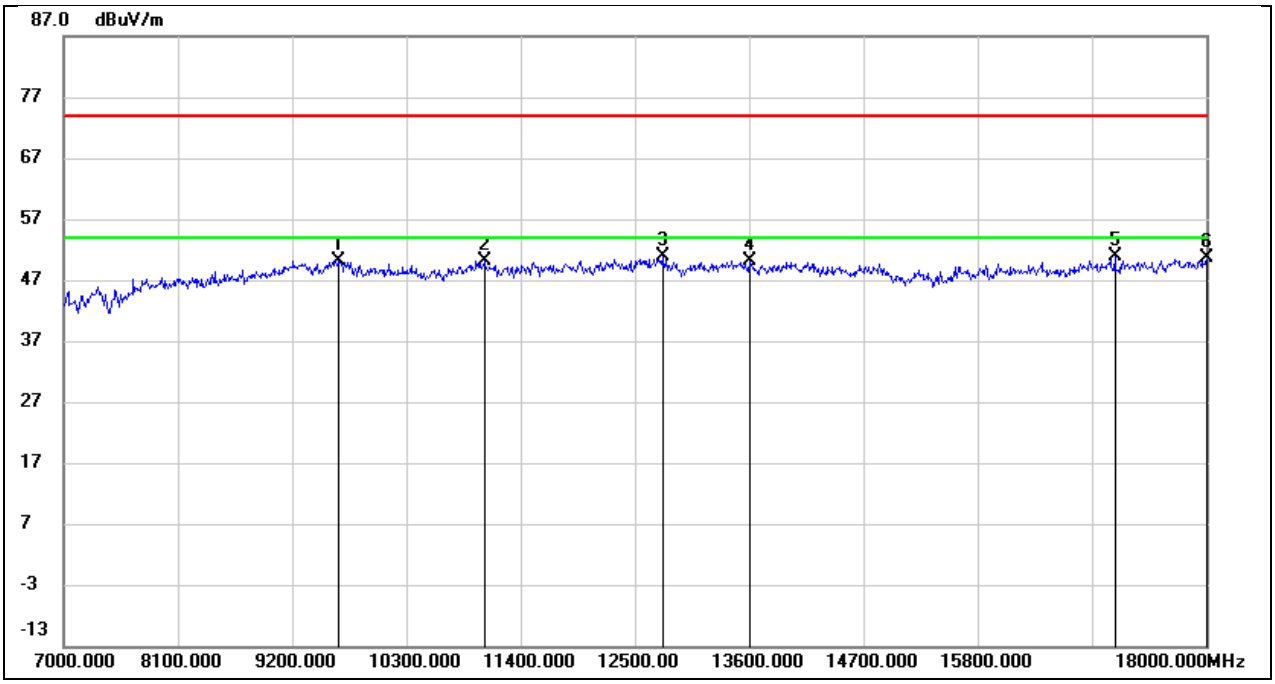
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9629.000	37.58	13.29	50.87	74.00	-23.13	peak
2	11048.000	36.26	14.37	50.63	74.00	-23.37	peak
3	12412.000	32.03	18.12	50.15	74.00	-23.85	peak
4	14029.000	28.08	21.76	49.84	74.00	-24.16	peak
5	15635.000	28.65	20.93	49.58	74.00	-24.42	peak
6	17868.000	24.07	26.39	50.46	74.00	-23.54	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



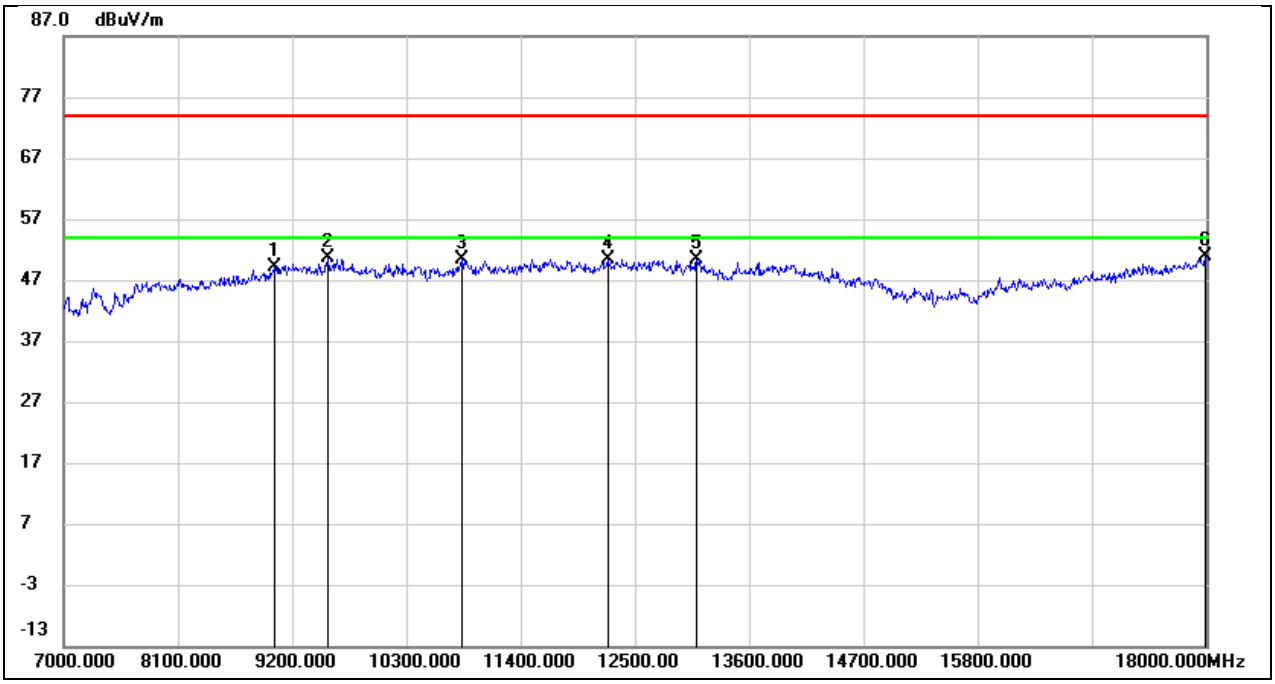
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9332.000	38.39	11.92	50.31	74.00	-23.69	peak
2	9959.000	36.97	13.43	50.40	74.00	-23.60	peak
3	11070.000	34.70	15.36	50.06	74.00	-23.94	peak
4	11950.000	31.83	18.55	50.38	74.00	-23.62	peak
5	13644.000	27.81	22.19	50.00	74.00	-24.00	peak
6	18000.000	20.95	29.41	50.36	74.00	-23.64	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



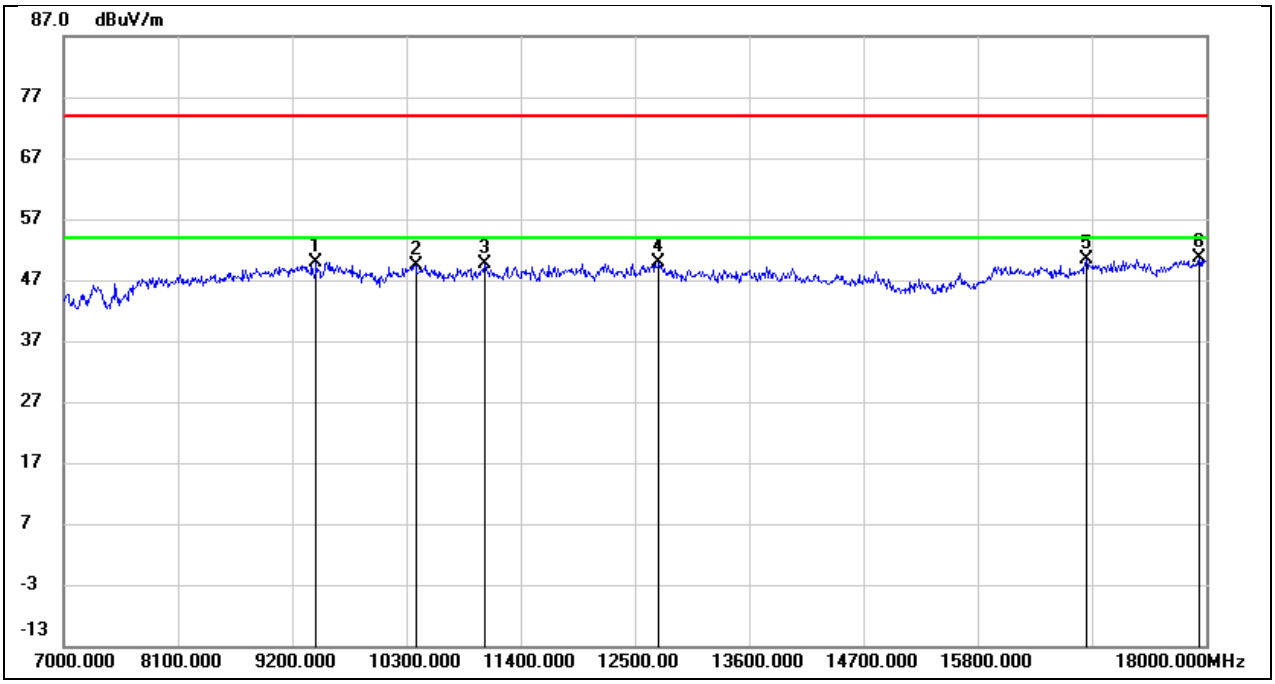
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9640.000	36.85	13.30	50.15	74.00	-23.85	peak
2	11048.000	35.86	14.37	50.23	74.00	-23.77	peak
3	12764.000	32.24	18.74	50.98	74.00	-23.02	peak
4	13600.000	29.69	20.38	50.07	74.00	-23.93	peak
5	17120.000	26.27	24.51	50.78	74.00	-23.22	peak
6	18000.000	23.43	27.21	50.64	74.00	-23.36	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



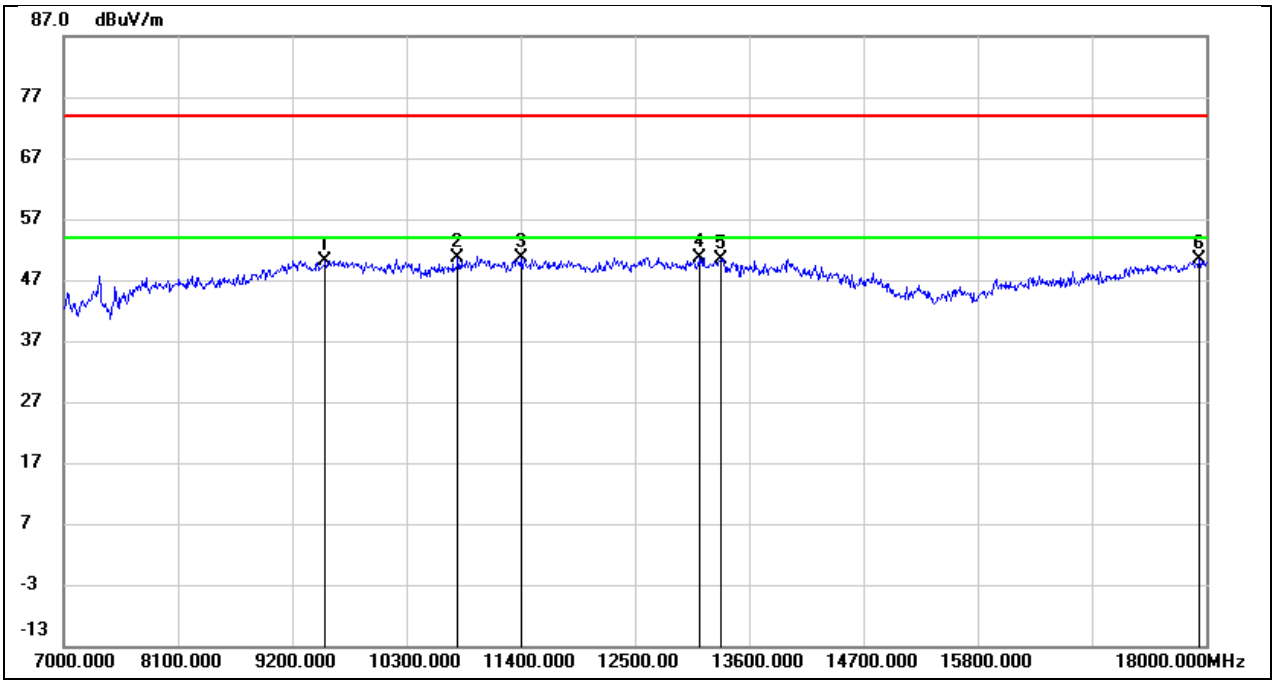
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9035.000	38.50	10.73	49.23	74.00	-24.77	peak
2	9541.000	37.57	13.06	50.63	74.00	-23.37	peak
3	10839.000	36.03	14.47	50.50	74.00	-23.50	peak
4	12236.000	31.46	18.89	50.35	74.00	-23.65	peak
5	13094.000	29.92	20.36	50.28	74.00	-23.72	peak
6	17989.000	21.59	29.29	50.88	74.00	-23.12	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



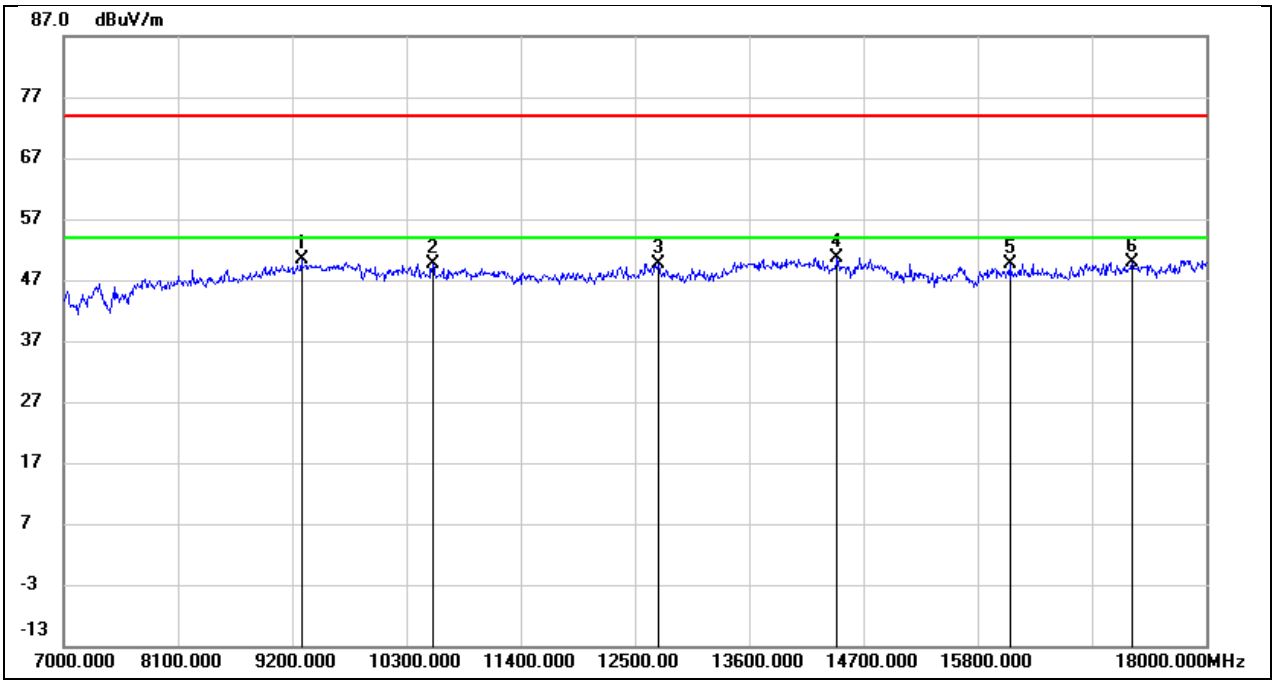
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9431.000	37.56	12.40	49.96	74.00	-24.04	peak
2	10388.000	36.51	12.99	49.50	74.00	-24.50	peak
3	11059.000	35.17	14.43	49.60	74.00	-24.40	peak
4	12731.000	31.33	18.64	49.97	74.00	-24.03	peak
5	16845.000	26.30	23.97	50.27	74.00	-23.73	peak
6	17934.000	23.90	26.80	50.70	74.00	-23.30	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



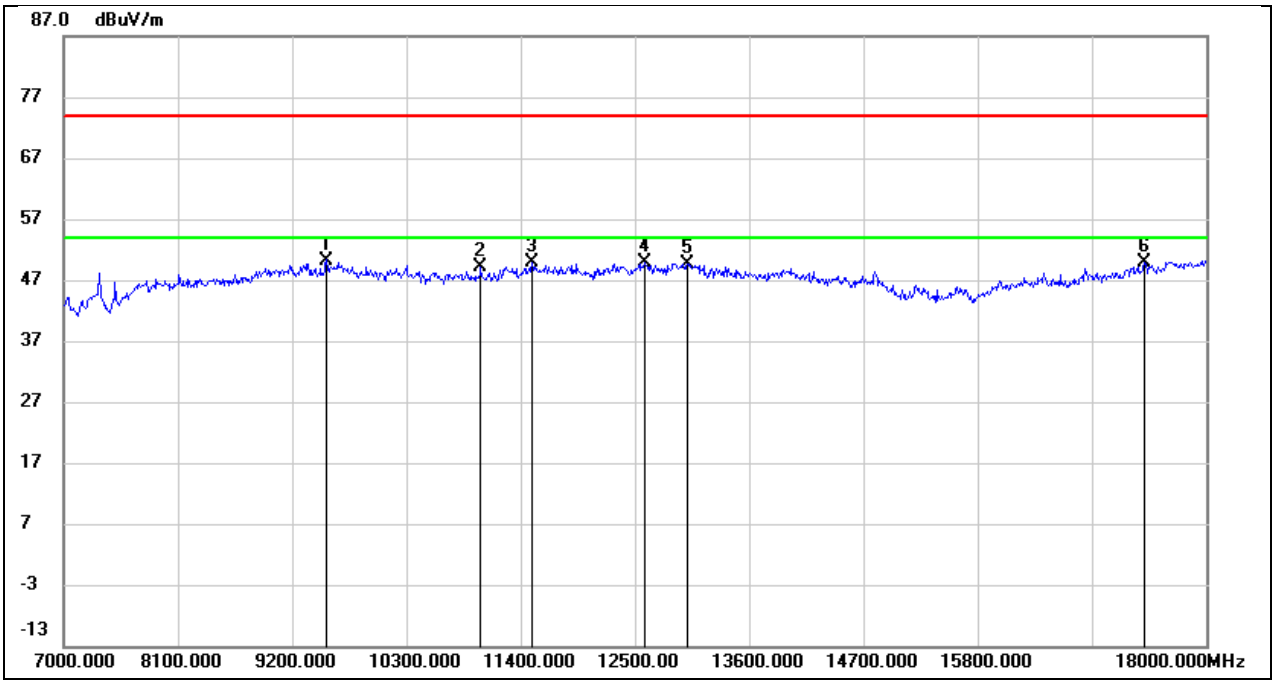
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9519.000	37.30	12.93	50.23	74.00	-23.77	peak
2	10795.000	36.28	14.33	50.61	74.00	-23.39	peak
3	11400.000	33.27	17.38	50.65	74.00	-23.35	peak
4	13116.000	30.30	20.45	50.75	74.00	-23.25	peak
5	13325.000	29.16	21.23	50.39	74.00	-23.61	peak
6	17934.000	21.73	28.71	50.44	74.00	-23.56	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



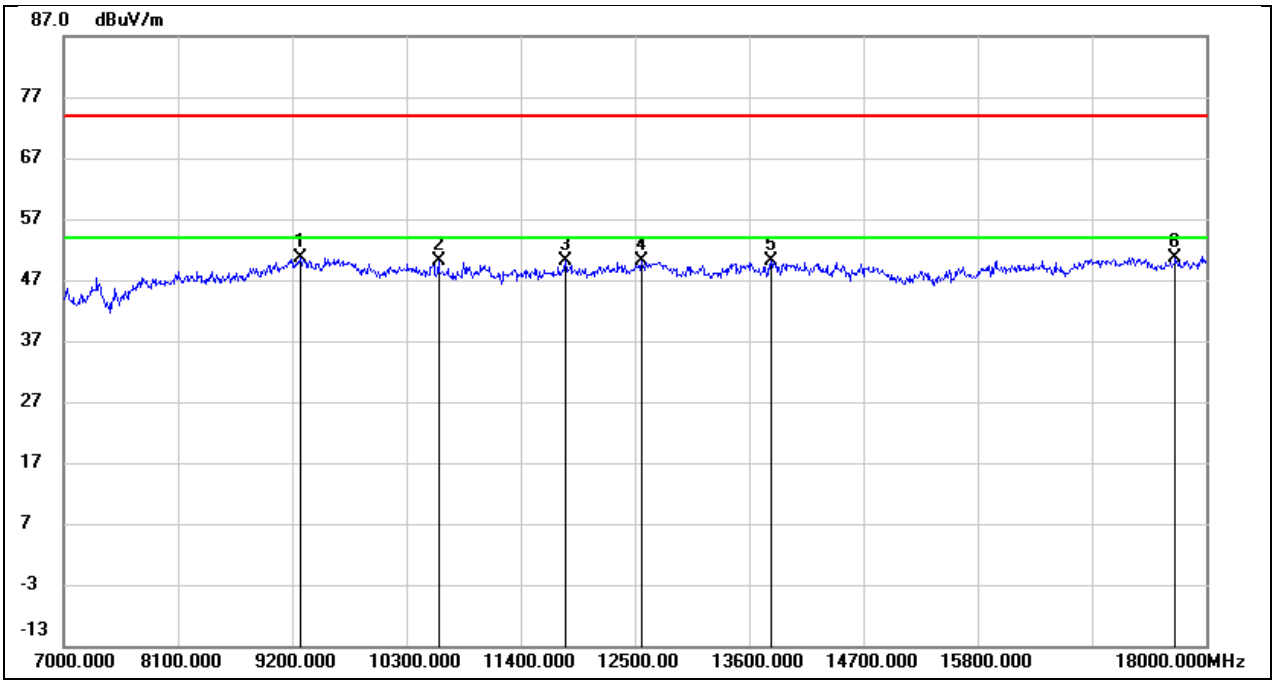
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9288.000	38.46	11.94	50.40	74.00	-23.60	peak
2	10553.000	36.36	13.37	49.73	74.00	-24.27	peak
3	12731.000	30.99	18.64	49.63	74.00	-24.37	peak
4	14447.000	29.90	20.77	50.67	74.00	-23.33	peak
5	16108.000	26.03	23.55	49.58	74.00	-24.42	peak
6	17285.000	25.20	24.77	49.97	74.00	-24.03	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



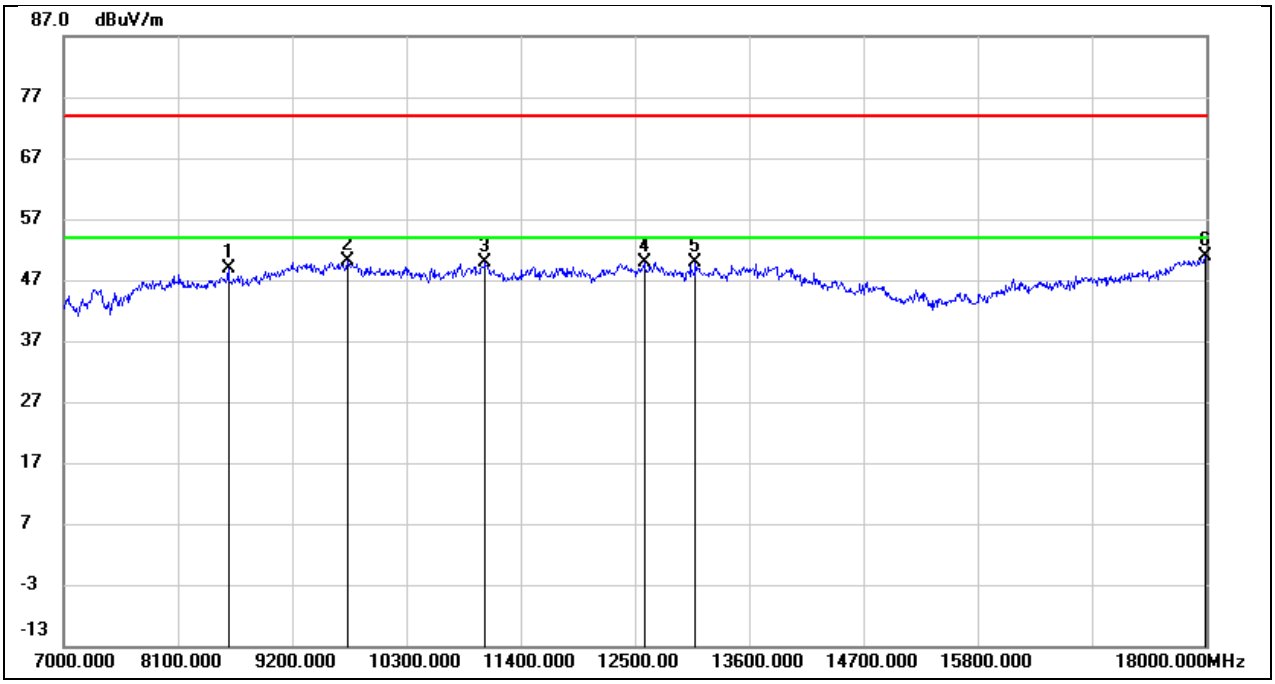
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9530.000	37.26	12.99	50.25	74.00	-23.75	peak
2	11015.000	34.17	15.04	49.21	74.00	-24.79	peak
3	11510.000	31.97	17.91	49.88	74.00	-24.12	peak
4	12588.000	30.63	19.16	49.79	74.00	-24.21	peak
5	13006.000	29.63	19.98	49.61	74.00	-24.39	peak
6	17406.000	25.25	24.54	49.79	74.00	-24.21	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



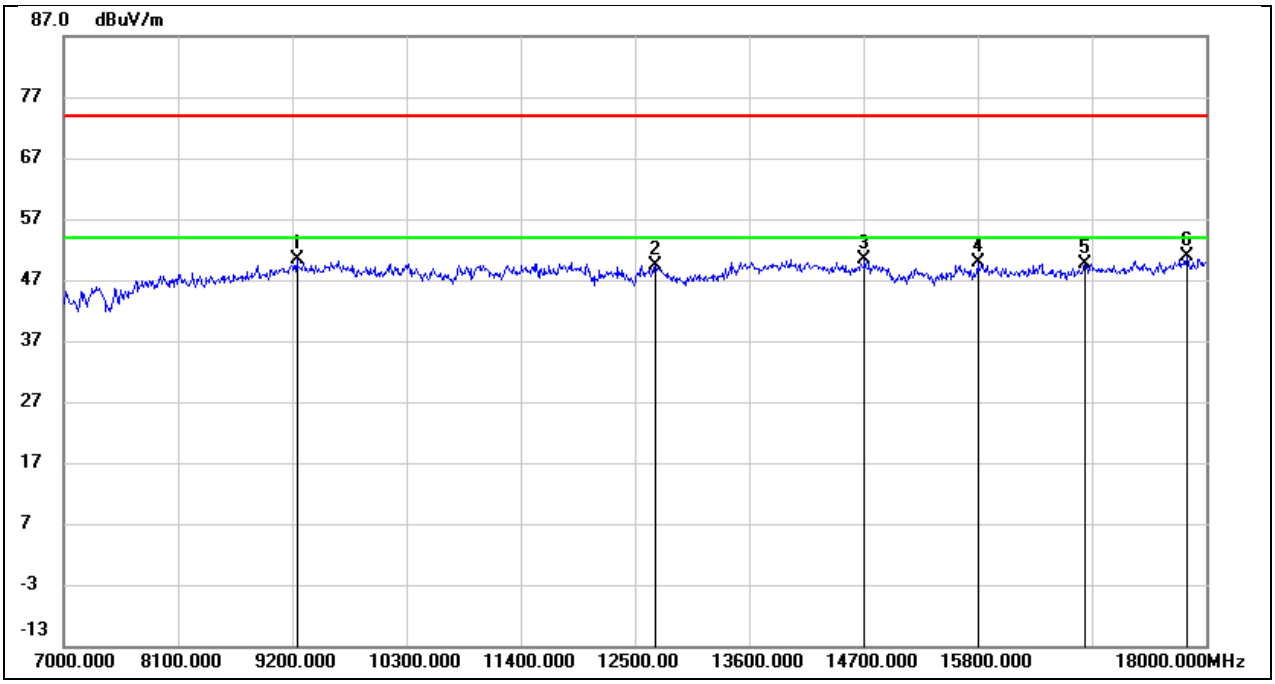
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9277.000	38.77	11.92	50.69	74.00	-23.31	peak
2	10608.000	36.56	13.46	50.02	74.00	-23.98	peak
3	11829.000	33.15	16.97	50.12	74.00	-23.88	peak
4	12566.000	31.88	18.19	50.07	74.00	-23.93	peak
5	13809.000	29.03	21.01	50.04	74.00	-23.96	peak
6	17703.000	25.19	25.45	50.64	74.00	-23.36	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



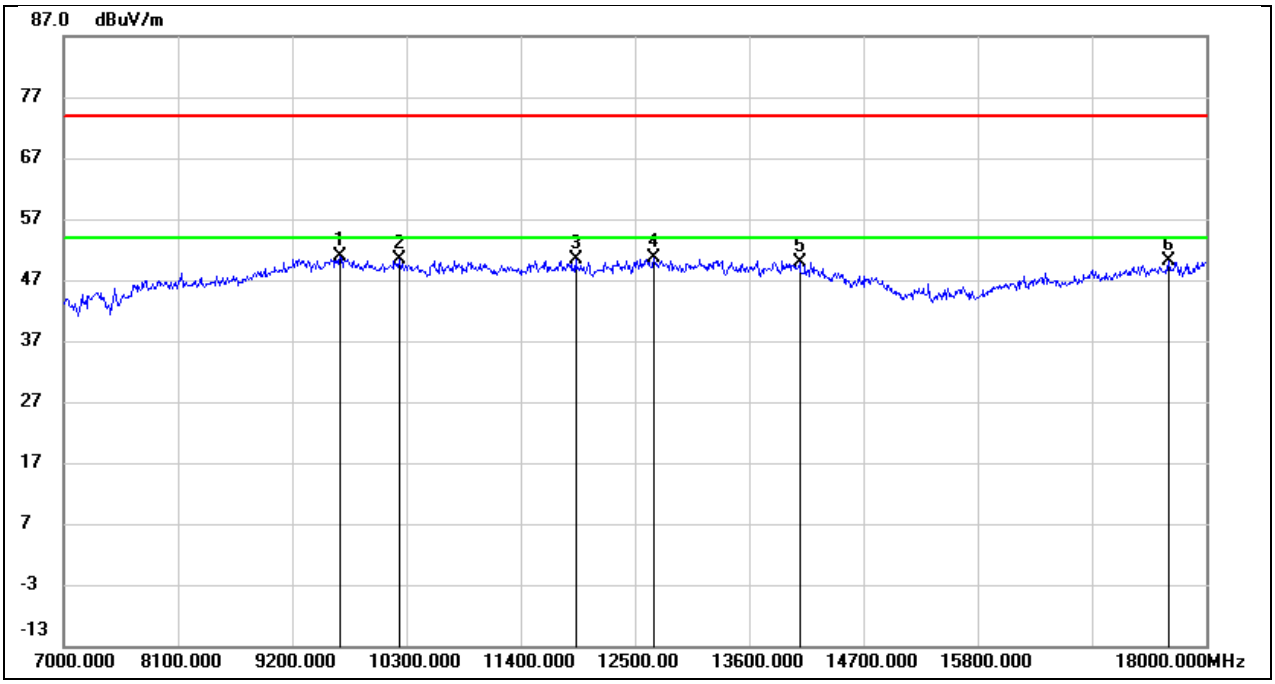
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8584.000	40.10	8.81	48.91	74.00	-25.09	peak
2	9728.000	36.56	13.65	50.21	74.00	-23.79	peak
3	11059.000	34.67	15.31	49.98	74.00	-24.02	peak
4	12588.000	30.63	19.16	49.79	74.00	-24.21	peak
5	13083.000	29.52	20.30	49.82	74.00	-24.18	peak
6	17989.000	21.65	29.29	50.94	74.00	-23.06	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



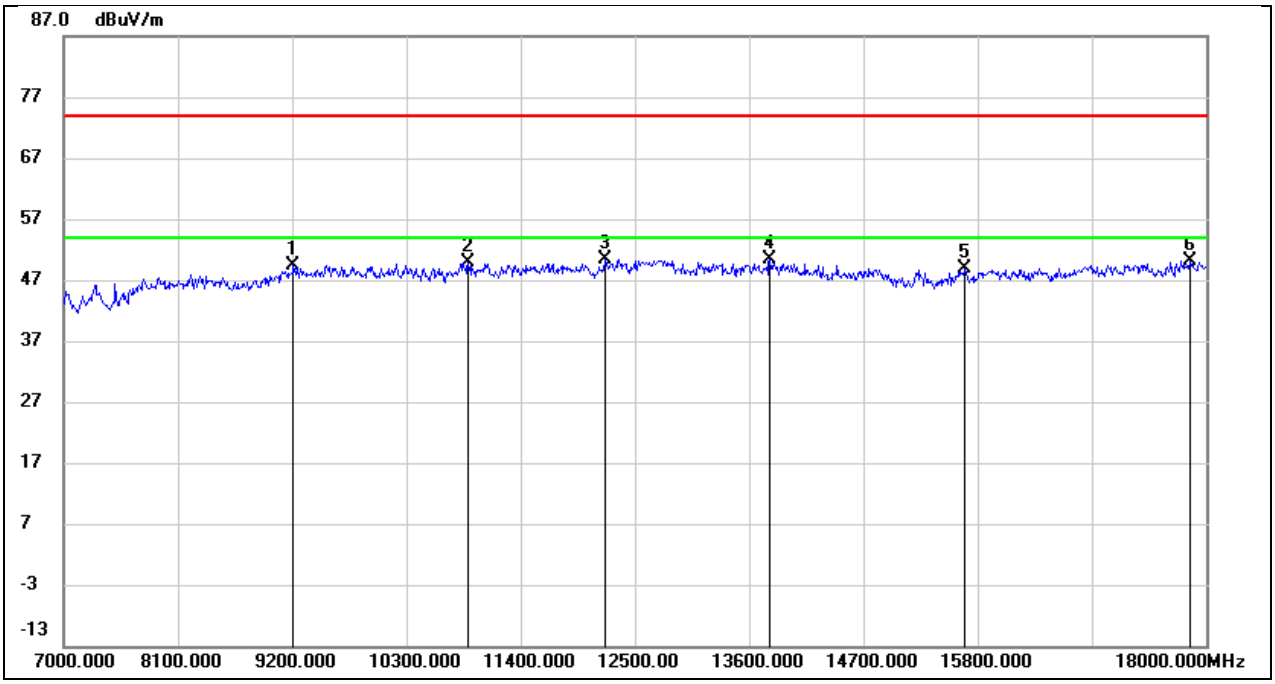
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	38.50	11.84	50.34	74.00	-23.66	peak
2	12698.000	30.85	18.53	49.38	74.00	-24.62	peak
3	14711.000	29.75	20.52	50.27	74.00	-23.73	peak
4	15800.000	28.30	21.61	49.91	74.00	-24.09	peak
5	16834.000	25.69	23.94	49.63	74.00	-24.37	peak
6	17813.000	24.89	26.04	50.93	74.00	-23.07	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5710
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



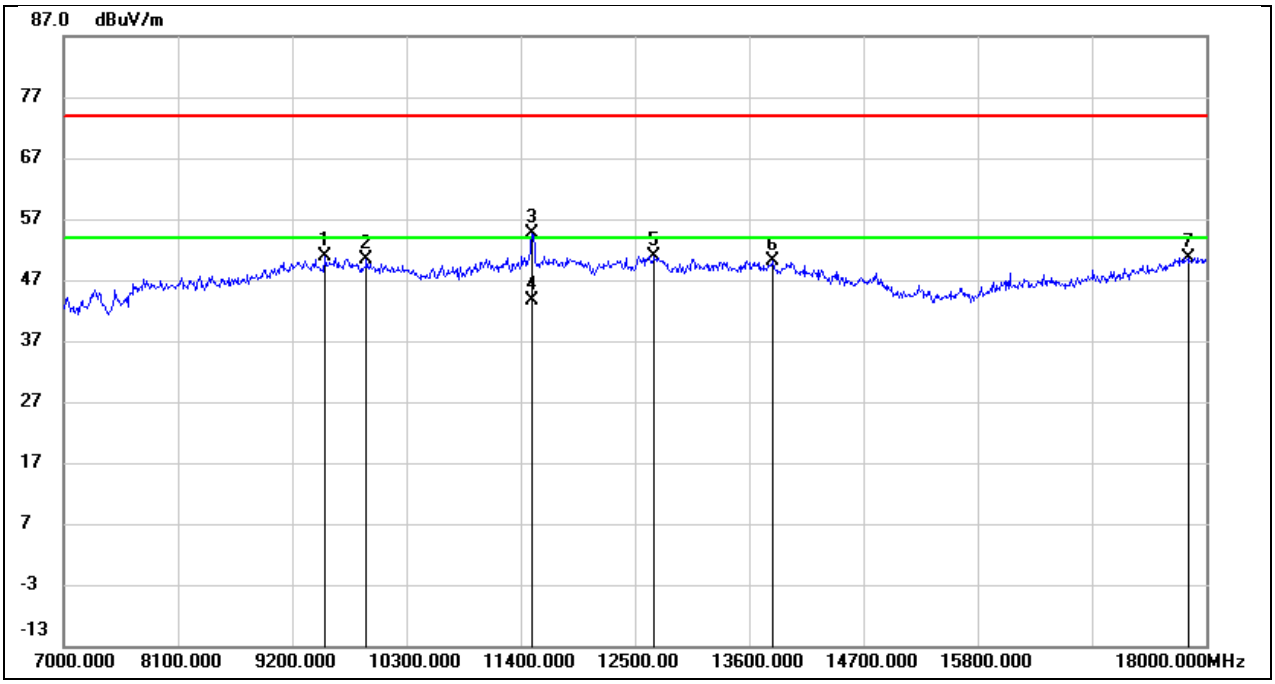
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9662.000	37.32	13.53	50.85	74.00	-23.15	peak
2	10234.000	37.22	13.18	50.40	74.00	-23.60	peak
3	11928.000	31.79	18.50	50.29	74.00	-23.71	peak
4	12676.000	31.05	19.47	50.52	74.00	-23.48	peak
5	14084.000	26.87	23.06	49.93	74.00	-24.07	peak
6	17637.000	24.47	25.71	50.18	74.00	-23.82	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5710
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



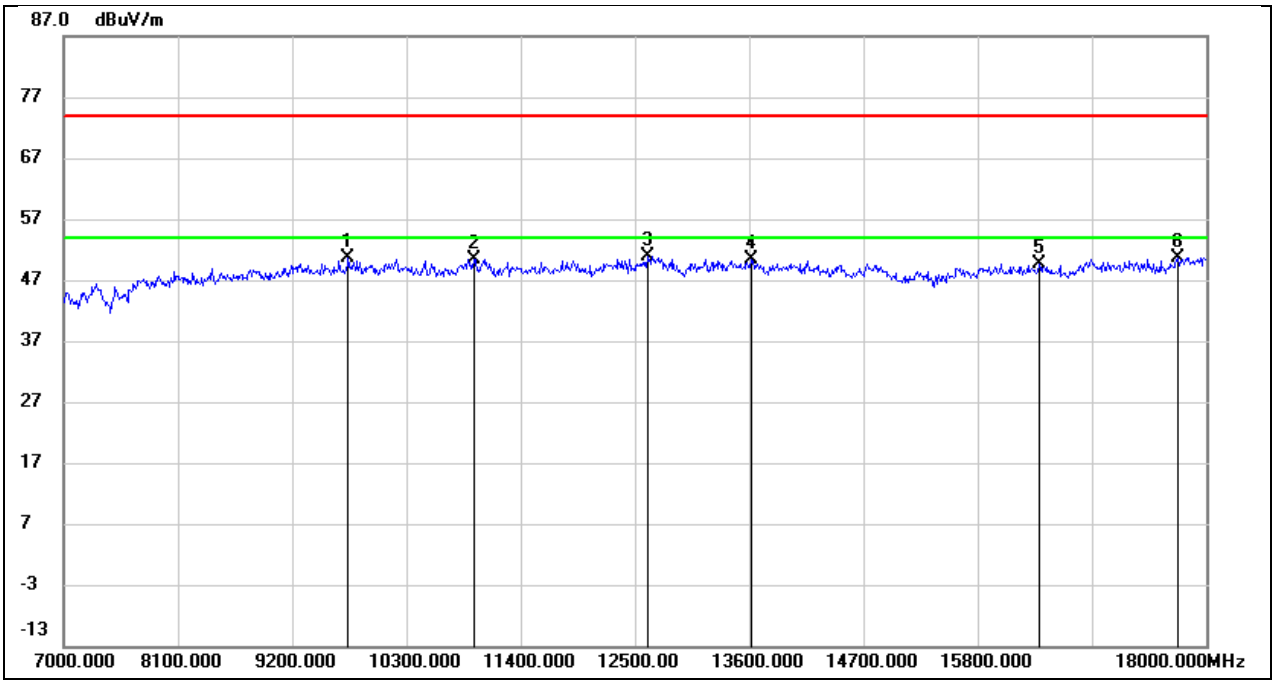
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9211.000	37.75	11.75	49.50	74.00	-24.50	peak
2	10894.000	35.84	13.96	49.80	74.00	-24.20	peak
3	12214.000	32.63	17.85	50.48	74.00	-23.52	peak
4	13798.000	29.45	20.98	50.43	74.00	-23.57	peak
5	15679.000	27.72	21.12	48.84	74.00	-25.16	peak
6	17846.000	23.83	26.25	50.08	74.00	-23.92	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



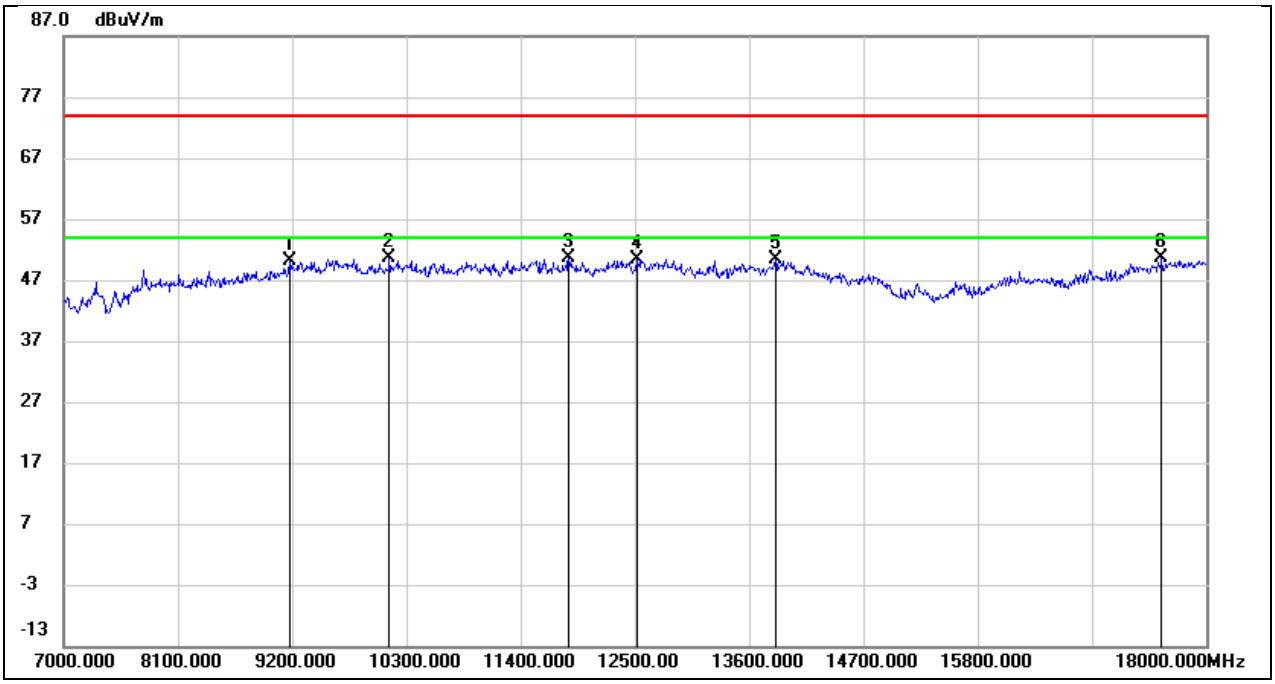
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9519.000	38.01	12.93	50.94	74.00	-23.06	peak
2	9915.000	36.83	13.53	50.36	74.00	-23.64	peak
3	11510.000	36.76	17.91	54.67	74.00	-19.33	peak
4	11510.000	25.70	17.91	43.61	54.00	-10.39	AVG
5	12687.000	31.47	19.51	50.98	74.00	-23.02	peak
6	13820.000	27.36	22.70	50.06	74.00	-23.94	peak
7	17824.000	23.21	27.53	50.74	74.00	-23.26	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



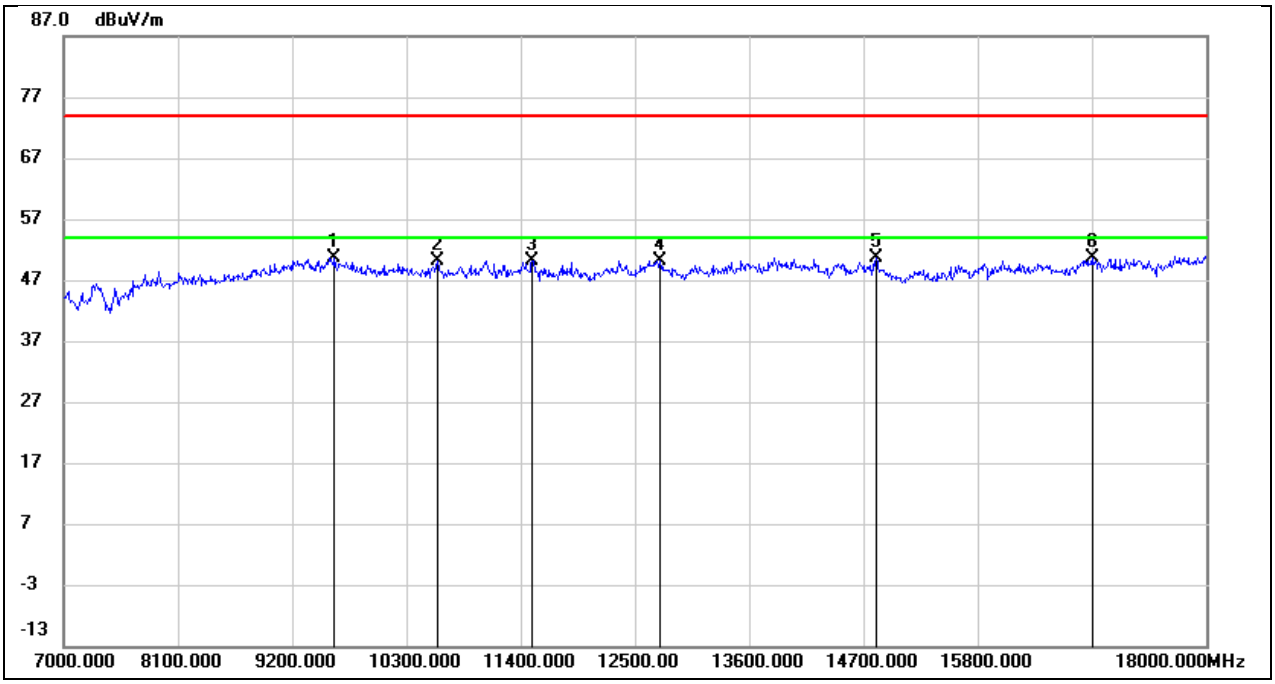
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9739.000	37.40	13.33	50.73	74.00	-23.27	peak
2	10949.000	36.38	14.06	50.44	74.00	-23.56	peak
3	12621.000	32.62	18.29	50.91	74.00	-23.09	peak
4	13622.000	29.93	20.44	50.37	74.00	-23.63	peak
5	16394.000	26.02	23.53	49.55	74.00	-24.45	peak
6	17725.000	25.07	25.56	50.63	74.00	-23.37	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	9178.000	38.86	11.37	50.23	74.00	-23.77	peak
2	10135.000	37.34	13.21	50.55	74.00	-23.45	peak
3	11862.000	32.40	18.30	50.70	74.00	-23.30	peak
4	12522.000	31.35	19.07	50.42	74.00	-23.58	peak
5	13853.000	27.59	22.83	50.42	74.00	-23.58	peak
6	17571.000	25.37	25.18	50.55	74.00	-23.45	peak

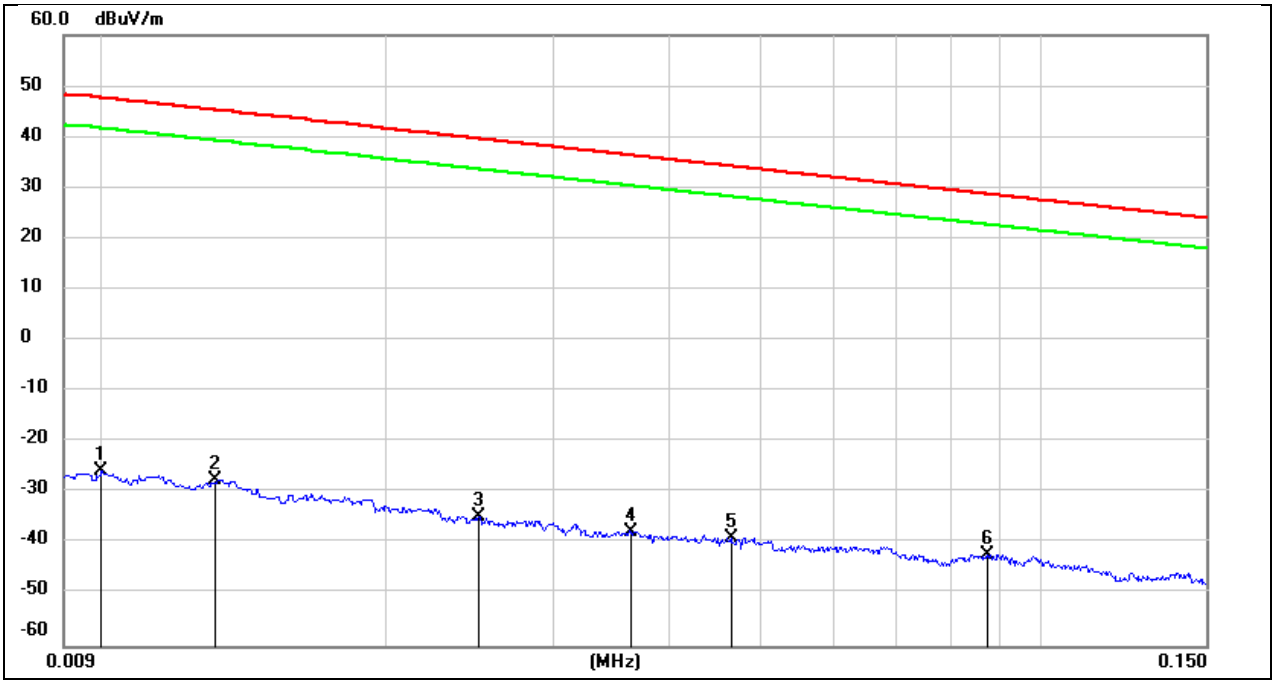
Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9607.000	37.40	13.29	50.69	74.00	-23.31	peak
2	10597.000	36.60	13.45	50.05	74.00	-23.95	peak
3	11510.000	33.79	16.42	50.21	74.00	-23.79	peak
4	12742.000	31.55	18.68	50.23	74.00	-23.77	peak
5	14821.000	30.22	20.34	50.56	74.00	-23.44	peak
6	16900.000	26.56	24.06	50.62	74.00	-23.38	peak

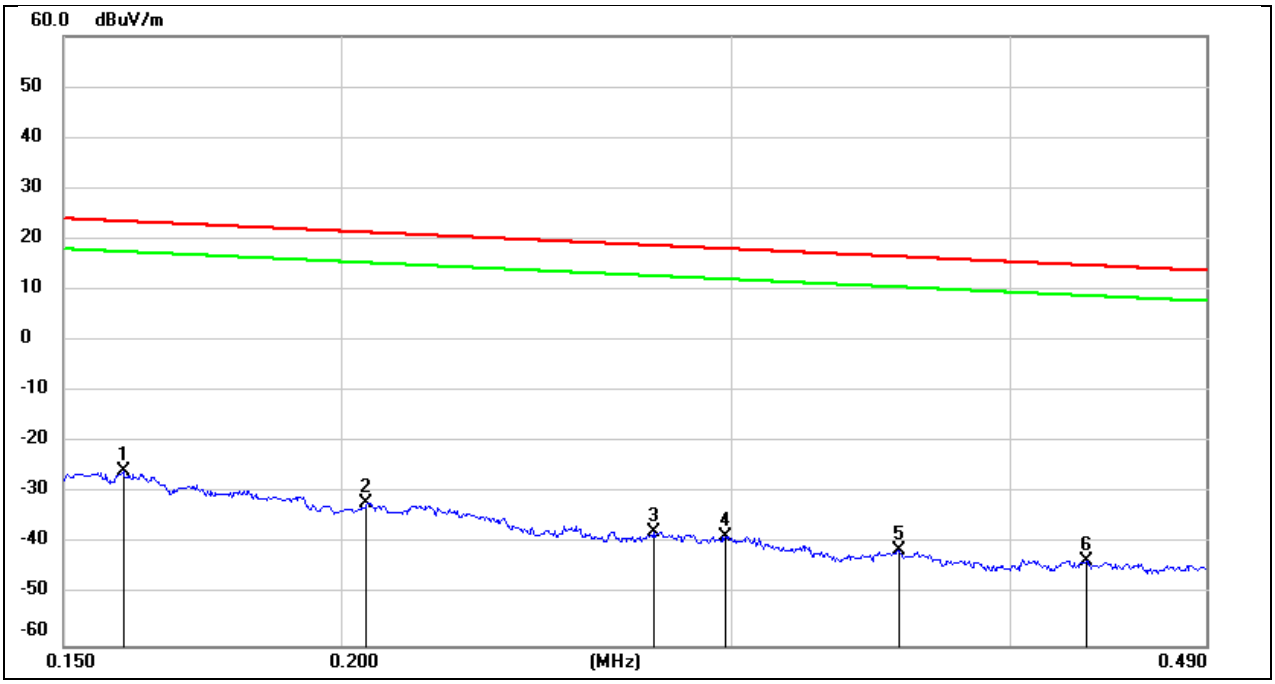
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



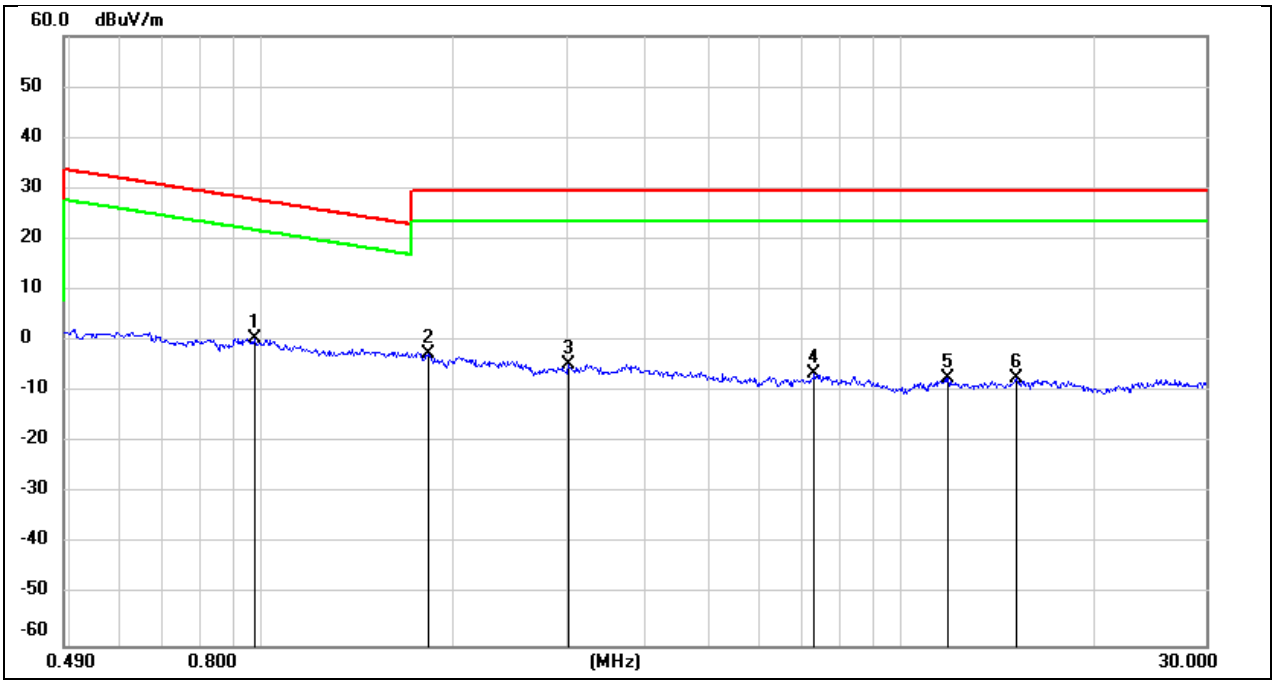
No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0100	75.72	-101.40	-25.68	47.6	-77.18	-3.90	-73.28	peak
2	0.0131	73.97	-101.38	-27.41	45.25	-78.91	-6.25	-72.66	peak
3	0.0250	66.79	-101.37	-34.58	39.64	-86.08	-11.86	-74.22	peak
4	0.0364	63.88	-101.42	-37.54	36.38	-89.04	-15.12	-73.92	peak
5	0.0466	62.67	-101.46	-38.79	34.23	-90.29	-17.27	-73.02	peak
6	0.0874	59.58	-101.69	-42.11	28.77	-93.61	-22.73	-70.88	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



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	0.1595	75.86	-101.65	-25.79	23.55	-77.29	-27.95	-49.34	peak
2	0.2053	69.79	-101.73	-31.94	21.35	-83.44	-30.15	-53.29	peak
3	0.2765	64.22	-101.83	-37.61	18.77	-89.11	-32.73	-56.38	peak
4	0.2977	63.41	-101.85	-38.44	18.13	-89.94	-33.37	-56.57	peak
5	0.3563	60.70	-101.91	-41.21	16.57	-92.71	-34.93	-57.78	peak
6	0.4329	58.73	-101.99	-43.26	14.87	-94.76	-36.63	-58.13	peak

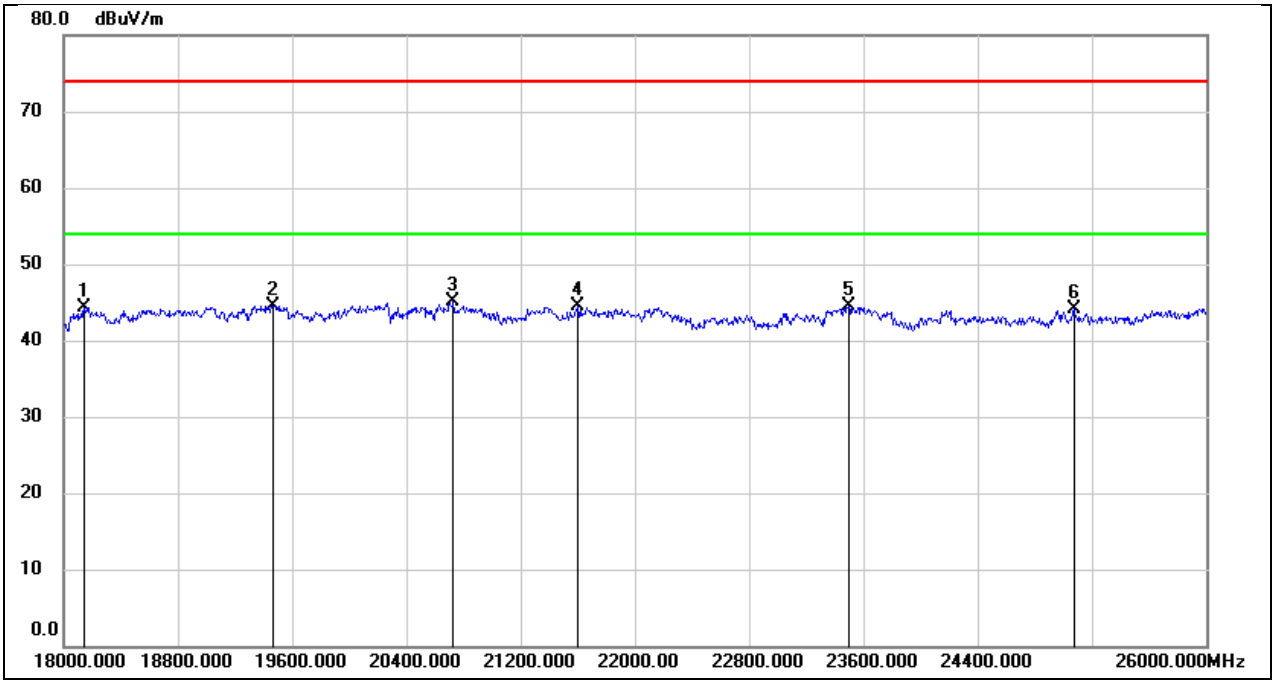
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	AC 120V 60Hz



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	0.9737	62.71	-62.25	0.46	27.83	-51.04	-23.67	-27.37	peak
2	1.8205	59.45	-61.90	-2.45	29.54	-53.95	-21.96	-31.99	peak
3	3.0278	56.93	-61.57	-4.64	29.54	-56.14	-21.96	-34.18	peak
4	7.3361	54.58	-61.17	-6.59	29.54	-58.09	-21.96	-36.13	peak
5	11.8513	53.56	-60.88	-7.32	29.54	-58.82	-21.96	-36.86	peak
6	15.1859	53.55	-61.01	-7.46	29.54	-58.96	-21.96	-37.00	peak

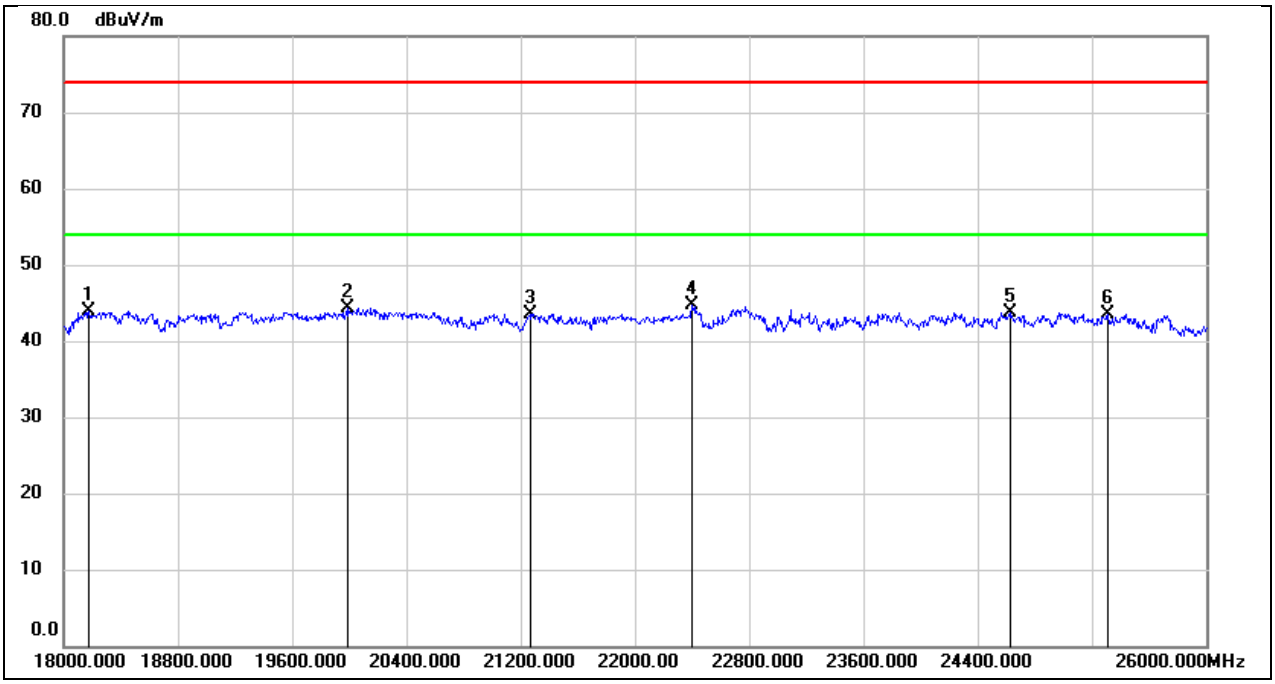
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

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	18144.000	49.77	-5.48	44.29	74.00	-29.71	peak
2	19464.000	50.14	-5.55	44.59	74.00	-29.41	peak
3	20728.000	50.16	-5.14	45.02	74.00	-28.98	peak
4	21600.000	49.02	-4.54	44.48	74.00	-29.52	peak
5	23496.000	47.56	-3.14	44.42	74.00	-29.58	peak
6	25072.000	46.17	-1.97	44.20	74.00	-29.80	peak

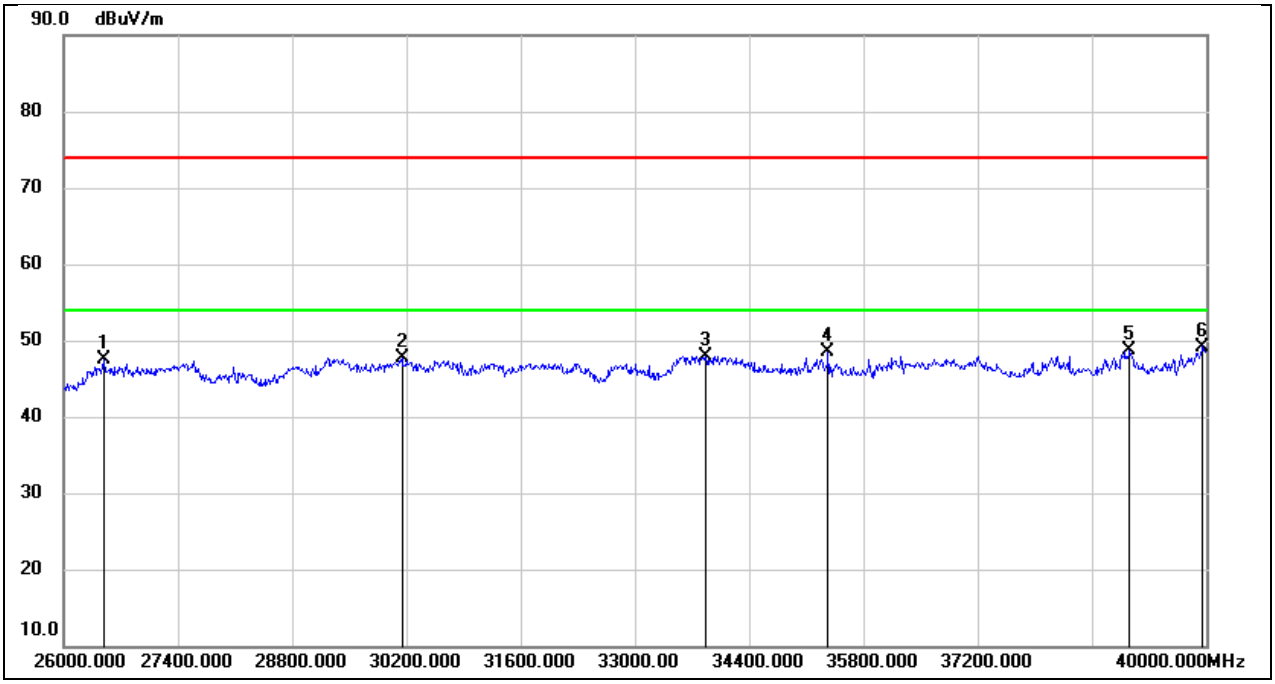
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18176.000	49.40	-5.51	43.89	74.00	-30.11	peak
2	19984.000	49.71	-5.44	44.27	74.00	-29.73	peak
3	21264.000	48.35	-4.76	43.59	74.00	-30.41	peak
4	22400.000	48.68	-4.02	44.66	74.00	-29.34	peak
5	24624.000	45.99	-2.33	43.66	74.00	-30.34	peak
6	25312.000	45.20	-1.70	43.50	74.00	-30.50	peak

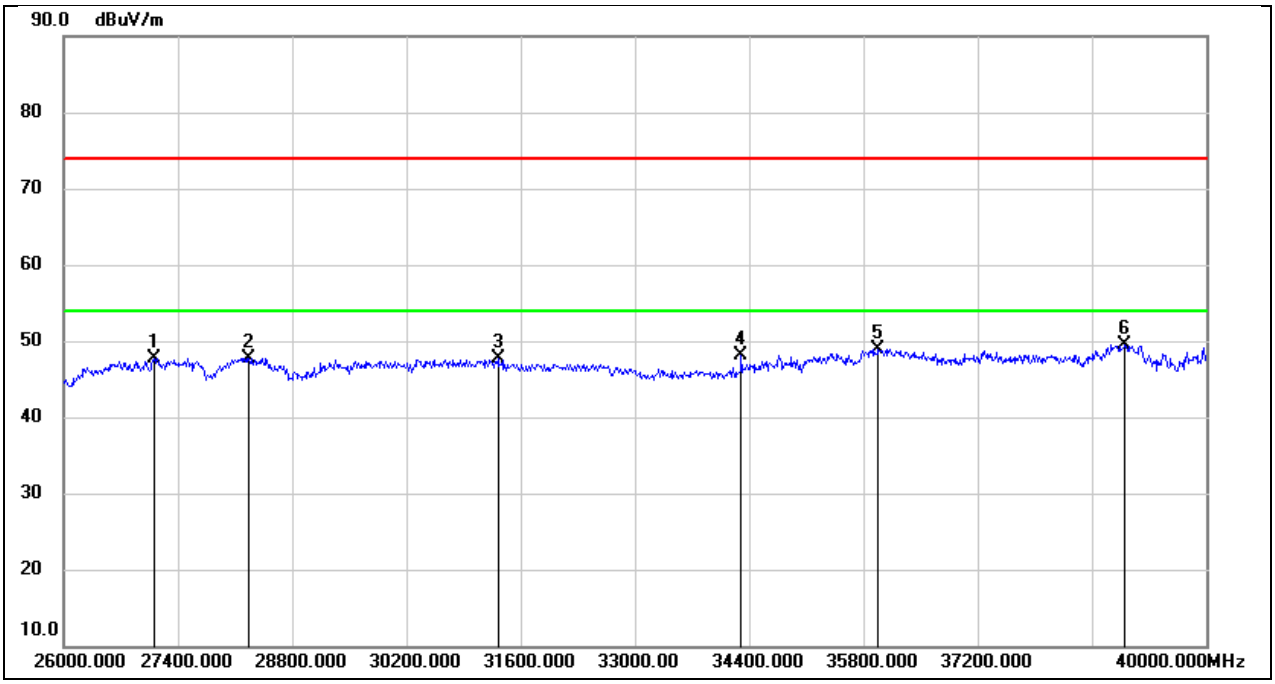
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

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	52.29	-4.74	47.55	74.00	-26.45	peak
2	30144.000	48.96	-1.30	47.66	74.00	-26.34	peak
3	33868.000	47.19	0.69	47.88	74.00	-26.12	peak
4	35366.000	45.90	2.59	48.49	74.00	-25.51	peak
5	39062.000	44.31	4.30	48.61	74.00	-25.39	peak
6	39958.000	44.08	5.12	49.20	74.00	-24.80	peak

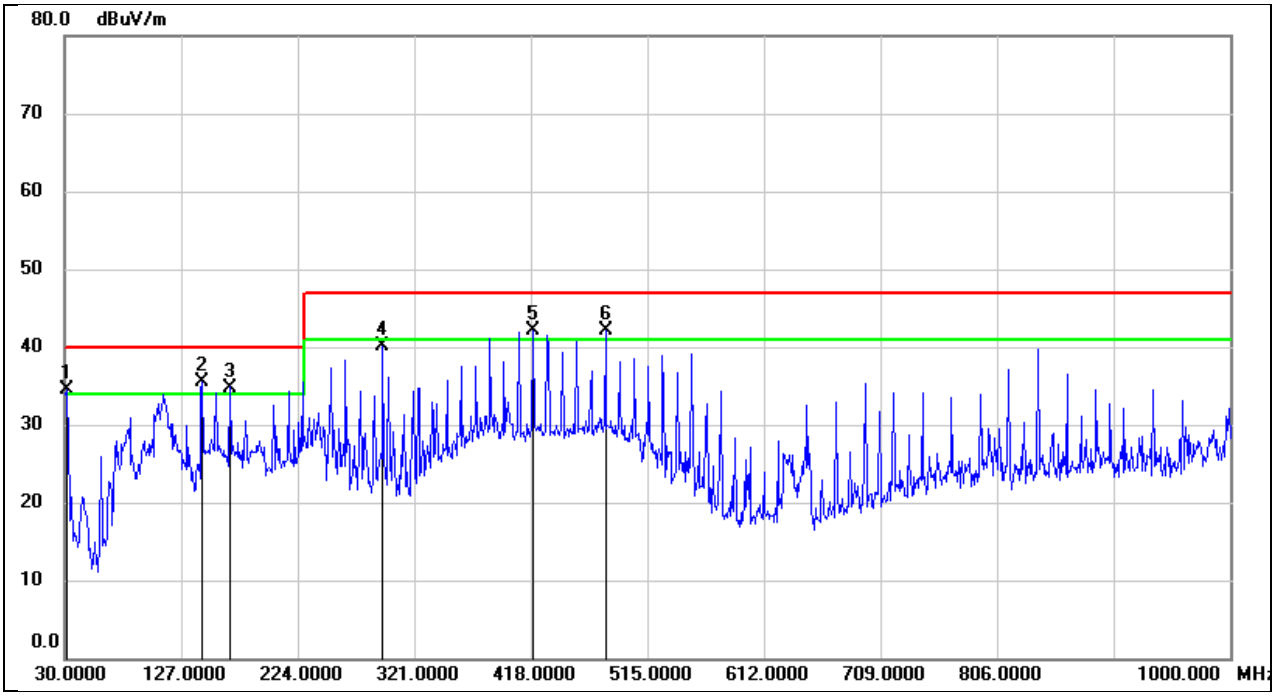
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	AC 120V 60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27106.000	51.64	-3.94	47.70	74.00	-26.30	peak
2	28268.000	50.19	-2.41	47.78	74.00	-26.22	peak
3	31320.000	48.61	-0.93	47.68	74.00	-26.32	peak
4	34302.000	46.95	1.10	48.05	74.00	-25.95	peak
5	35982.000	44.87	4.01	48.88	74.00	-25.12	peak
6	39006.000	45.12	4.37	49.49	74.00	-24.51	peak

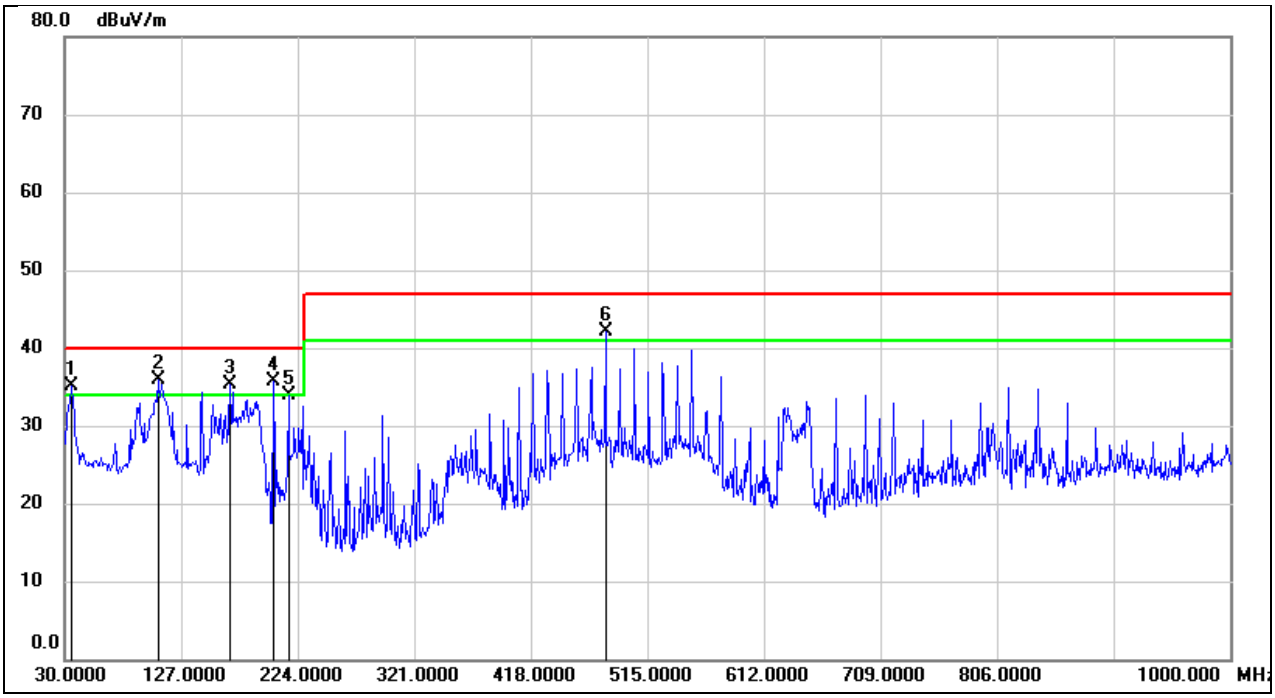
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11a	Frequency(MHz):	5745
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	31.9400	48.95	-14.39	34.56	40.00	-5.44	QP
2	144.4600	48.92	-13.42	35.50	40.00	-4.50	QP
3	167.7400	46.51	-11.71	34.80	40.00	-5.20	QP
4	294.8100	51.63	-11.54	40.09	47.00	-6.91	QP
5	419.9400	50.93	-8.91	42.02	47.00	-4.98	QP
6	480.0800	49.74	-7.60	42.14	47.00	-4.86	QP

Test Mode:	802.11a	Frequency(MHz):	5745
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	35.8200	49.71	-14.60	35.11	40.00	-4.89	QP
2	107.6000	51.73	-15.80	35.93	40.00	-4.07	QP
3	167.7400	46.92	-11.71	35.21	40.00	-4.79	QP
4	203.6300	47.49	-11.79	35.70	40.00	-4.30	QP
5	216.2400	46.40	-12.45	33.95	40.00	-6.05	QP
6	480.0800	49.70	-7.60	42.10	47.00	-4.90	QP

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

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

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

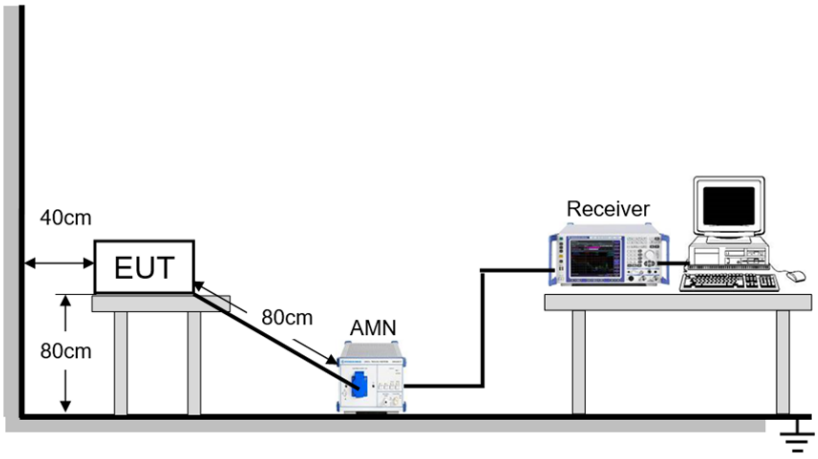
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

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

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

TEST SETUP



TEST ENVIRONMENT

Temperature	23.7℃	Relative Humidity	57.9%

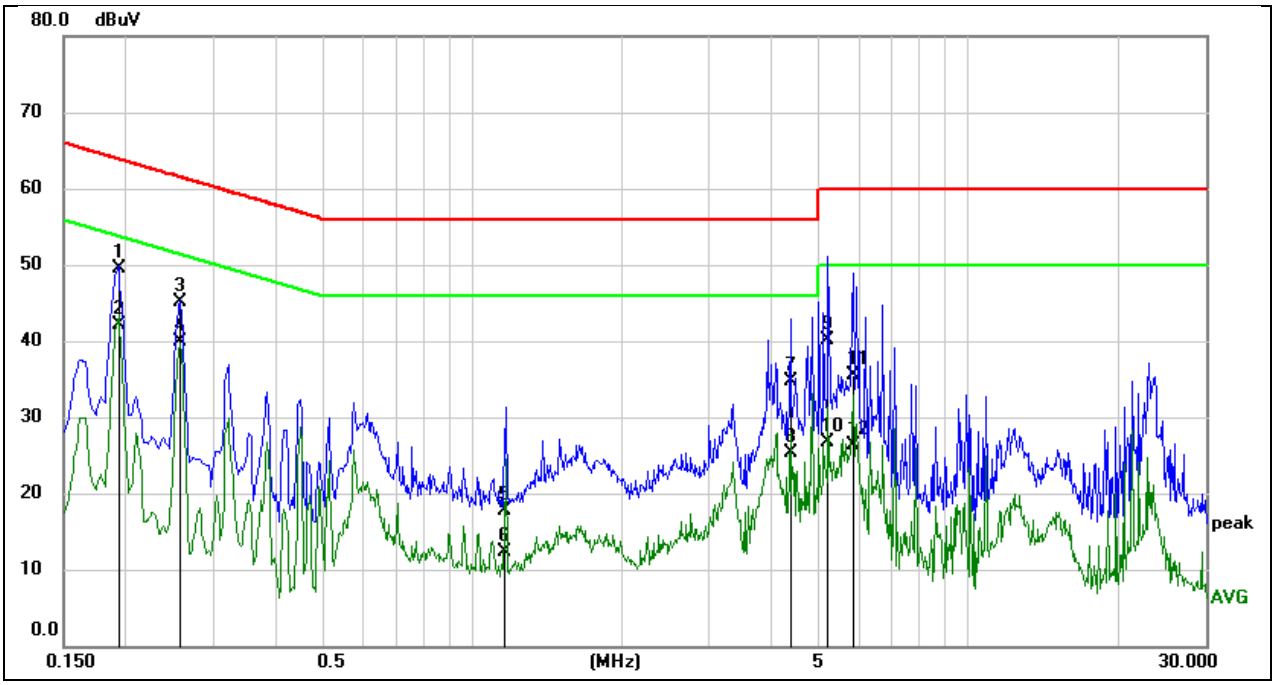
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	October 14, 2024	Test By	Johnson Liu

TEST RESULTS

Test Mode:	802.11a	Frequency(MHz):	5745
Line:	Line		

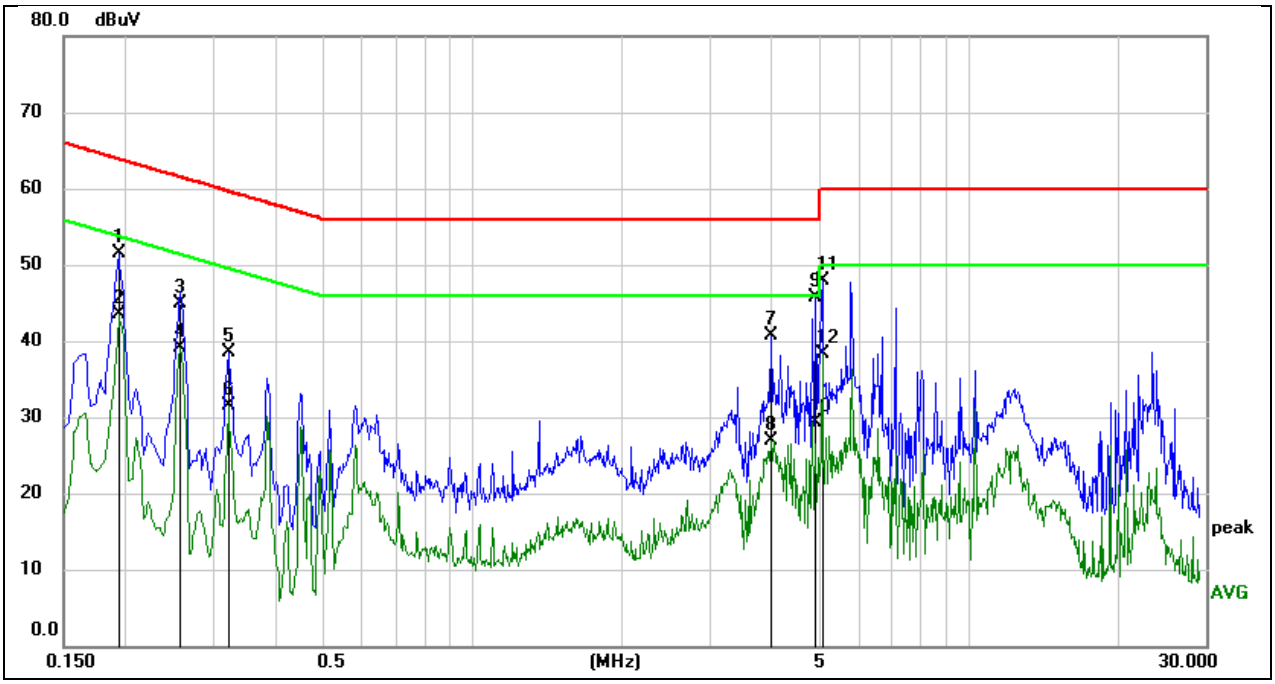


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1935	39.22	10.25	49.47	63.88	-14.41	QP
2	0.1935	31.89	10.25	42.14	53.88	-11.74	AVG
3	0.2572	34.88	10.24	45.12	61.52	-16.40	QP
4	0.2572	29.73	10.24	39.97	51.52	-11.55	AVG
5	1.1574	7.76	10.01	17.77	56.00	-38.23	QP
6	1.1574	2.37	10.01	12.38	46.00	-33.62	AVG
7	4.3716	24.46	10.24	34.70	56.00	-21.30	QP
8	4.3716	15.07	10.24	25.31	46.00	-20.69	AVG
9	5.2079	29.88	10.27	40.15	60.00	-19.85	QP
10	5.2079	16.53	10.27	26.80	50.00	-23.20	AVG
11	5.8512	25.31	10.29	35.60	60.00	-24.40	QP
12	5.8512	16.03	10.29	26.32	50.00	-23.68	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):	5745
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1940	41.27	10.15	51.42	63.86	-12.44	QP
2	0.1940	33.28	10.15	43.43	53.86	-10.43	AVG
3	0.2562	34.75	10.12	44.87	61.55	-16.68	QP
4	0.2562	29.03	10.12	39.15	51.55	-12.40	AVG
5	0.3220	28.31	10.10	38.41	59.66	-21.25	QP
6	0.3220	21.46	10.10	31.56	49.66	-18.10	AVG
7	4.0020	30.40	10.33	40.73	56.00	-15.27	QP
8	4.0020	16.50	10.33	26.83	46.00	-19.17	AVG
9	4.9100	35.29	10.36	45.65	56.00	-10.35	QP
10	4.9100	18.96	10.36	29.32	46.00	-16.68	AVG
11	5.0820	37.61	10.37	47.98	60.00	-12.02	QP
12	5.0820	27.86	10.37	38.23	50.00	-11.77	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

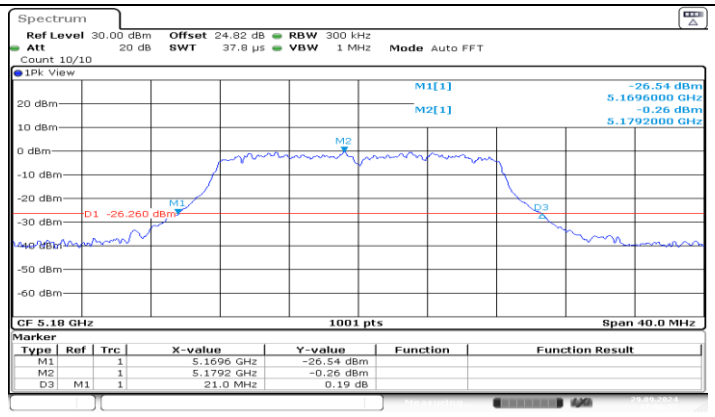
11. TEST DATA

11.1. APPENDIX A: EMISSION BANDWIDTH

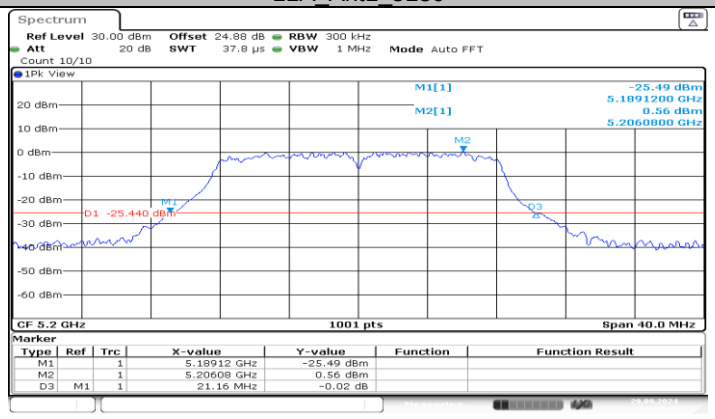
11.1.1. Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	21.00	5169.60	5190.60
		5200	21.16	5189.12	5210.28
		5240	21.52	5229.32	5250.84
		5260	21.32	5249.60	5270.92
		5280	21.44	5269.12	5290.56
		5320	21.52	5309.28	5330.80
		5500	21.12	5489.64	5510.76
		5580	22.08	5568.80	5590.88
		5700	23.72	5689.32	5713.04
		5720	20.88	5709.44	5730.32
		5720_UNII-2C	15.56	5709.44	5725
		5720_UNII-3	5.32	5725	5730.32
		5745	22.16	5734.48	5756.64
		5785	20.72	5774.68	5795.40
		5825	21.32	5814.08	5835.40
11N20SISO	Ant1	5180	22.16	5169.32	5191.48
		5200	21.56	5189.24	5210.80
		5240	21.60	5229.12	5250.72
		5260	22.80	5248.72	5271.52
		5280	21.20	5269.48	5290.68
		5320	21.84	5309.12	5330.96
		5500	22.08	5489.16	5511.24
		5580	22.08	5568.76	5590.84
		5700	23.88	5688.36	5712.24
		5720	21.92	5708.96	5730.88
		5720_UNII-2C	16.04	5708.96	5725
		5720_UNII-3	5.88	5725	5730.88
		5745	22.72	5733.76	5756.48
		5785	22.16	5773.92	5796.08
		5825	21.32	5814.44	5835.76
11N40SISO	Ant1	5190	38.72	5170.88	5209.60
		5230	38.40	5210.96	5249.36
		5270	38.40	5250.96	5289.36
		5310	38.32	5290.96	5329.28
		5510	38.64	5490.80	5529.44
		5550	38.72	5530.72	5569.44
		5670	39.04	5650.24	5689.28
		5710	38.80	5690.64	5729.44
		5710_UNII-2C	34.36	5690.64	5725
		5710_UNII-3	4.44	5725	5729.44
		5755	38.64	5735.80	5774.44
		5795	38.40	5775.96	5814.36

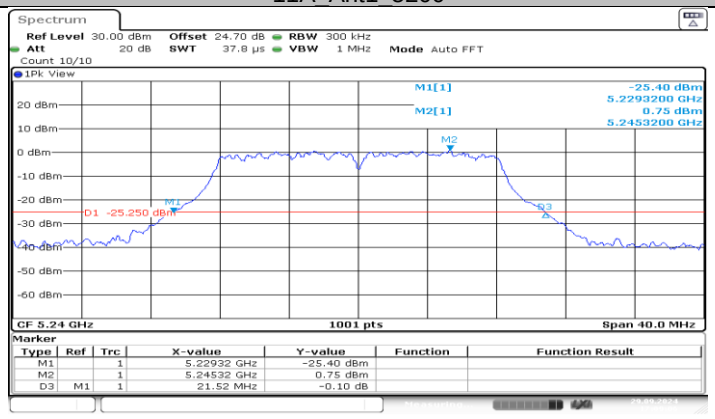
11.1.2. Test Graphs



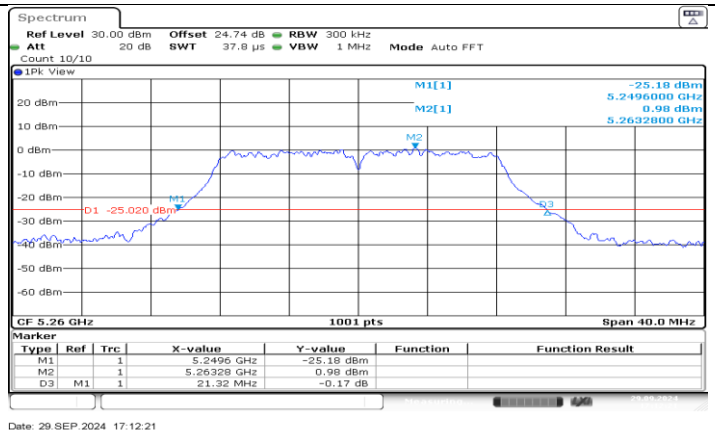
11A_Ant1_5180



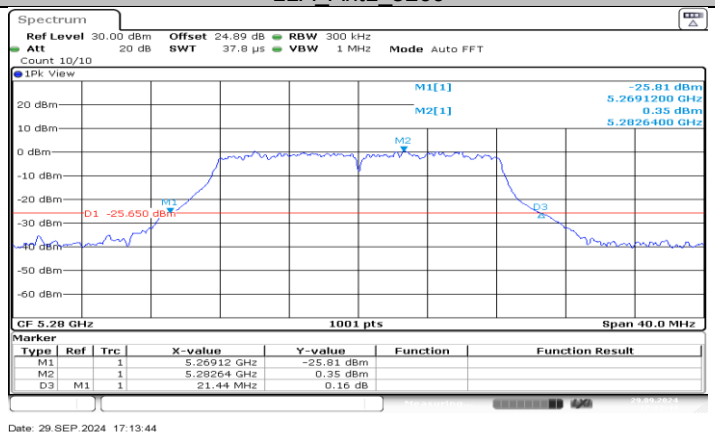
11A_Ant1_5200



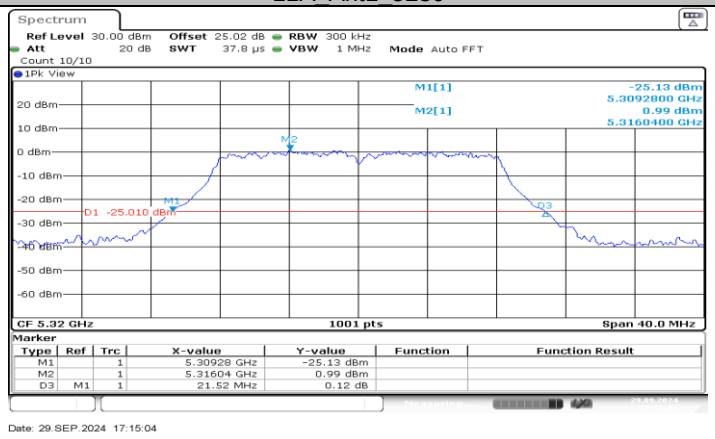
11A_Ant1_5240



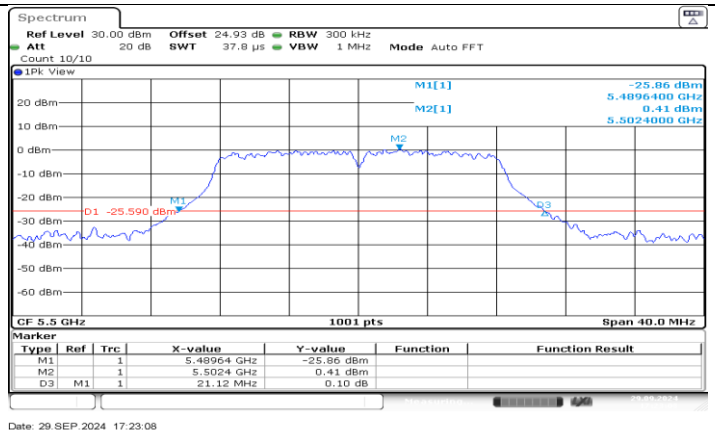
11A_Ant1_5260



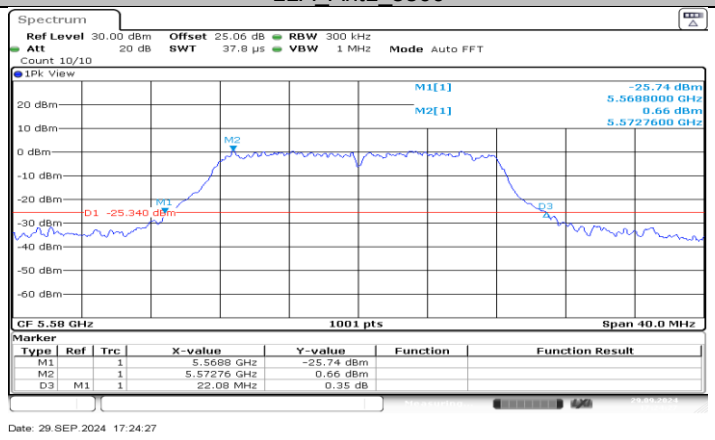
11A_Ant1_5280



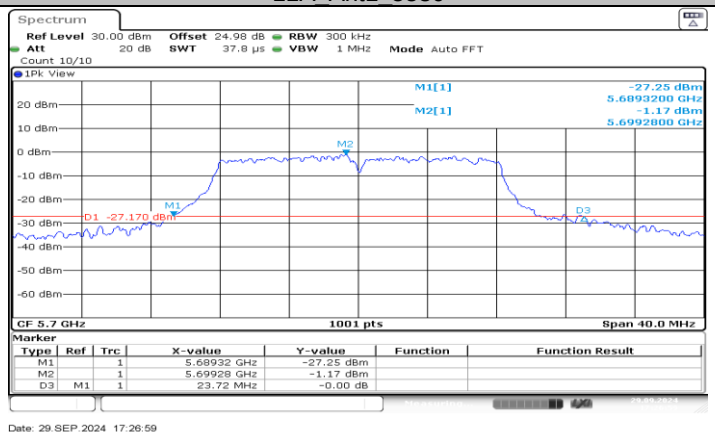
11A_Ant1_5320



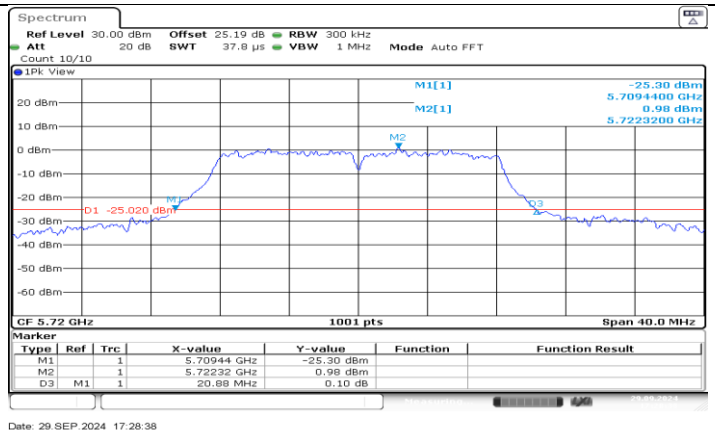
11A_Ant1_5500



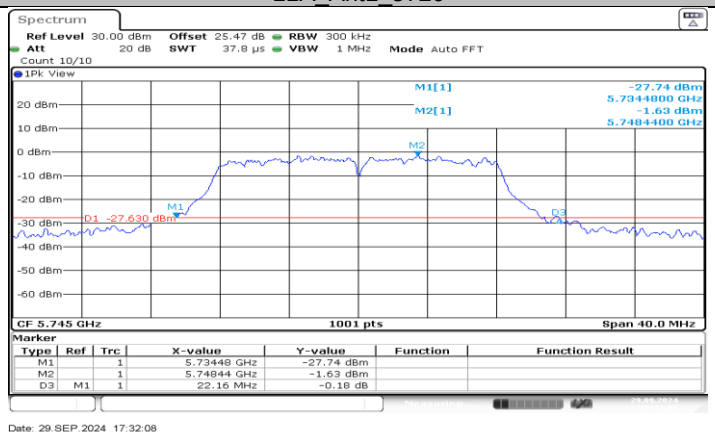
11A_Ant1_5580



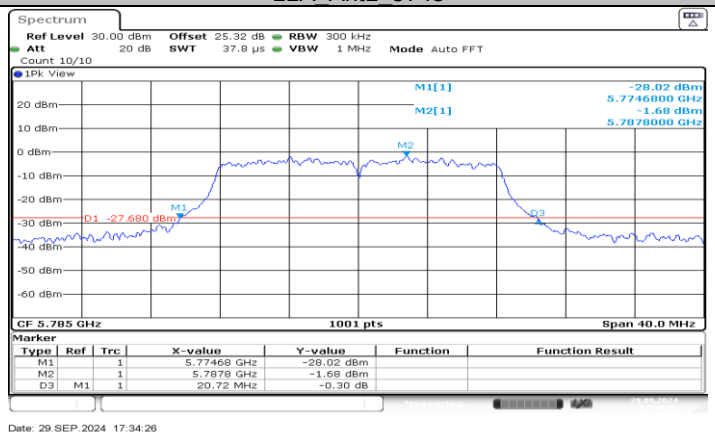
11A_Ant1_5700



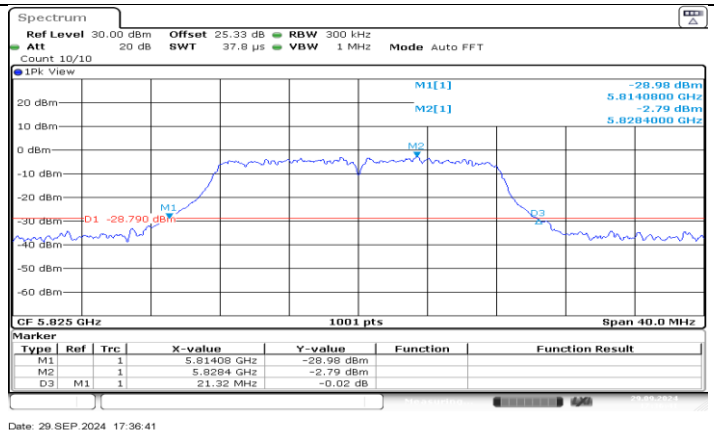
11A_Ant1_5720



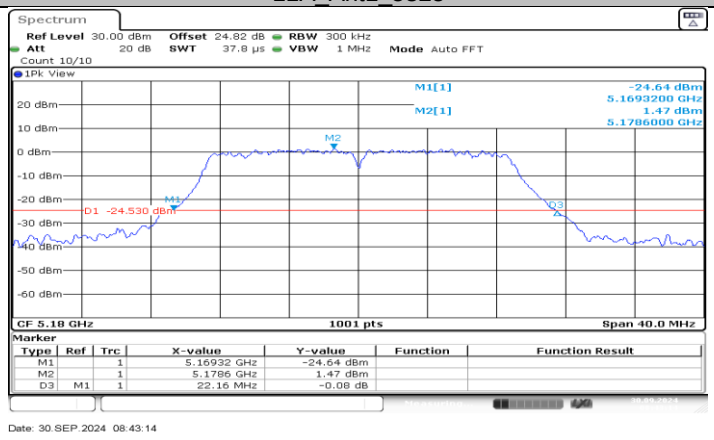
11A_Ant1_5745



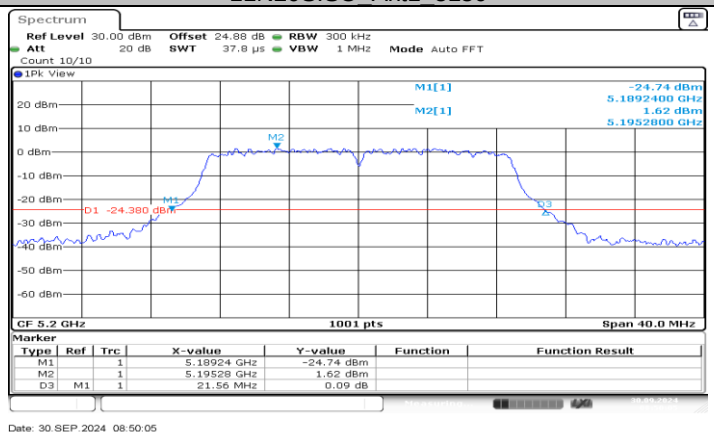
11A_Ant1_5785



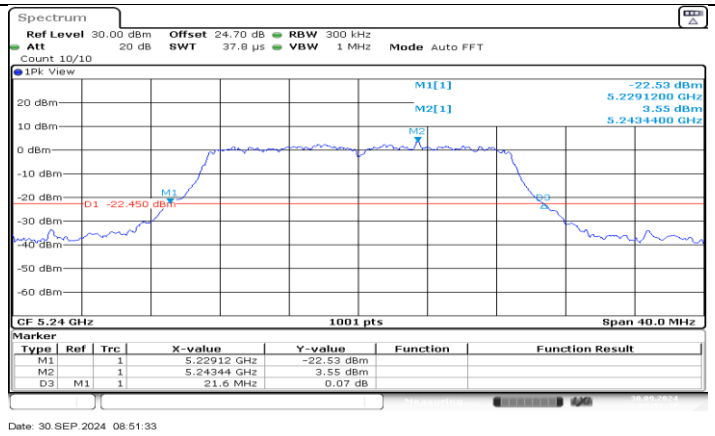
11A_Ant1_5825



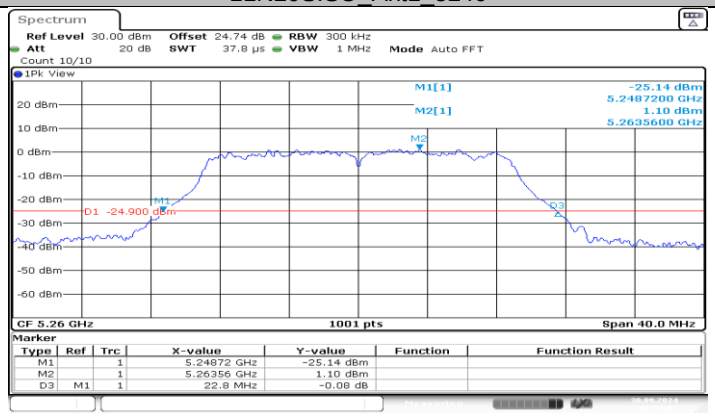
11N20SISO_Ant1_5180



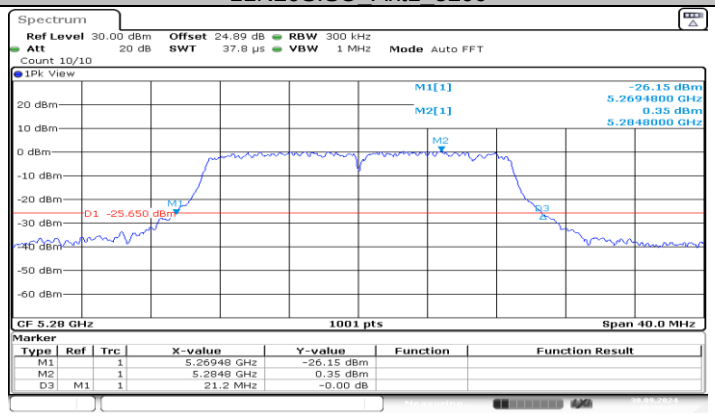
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



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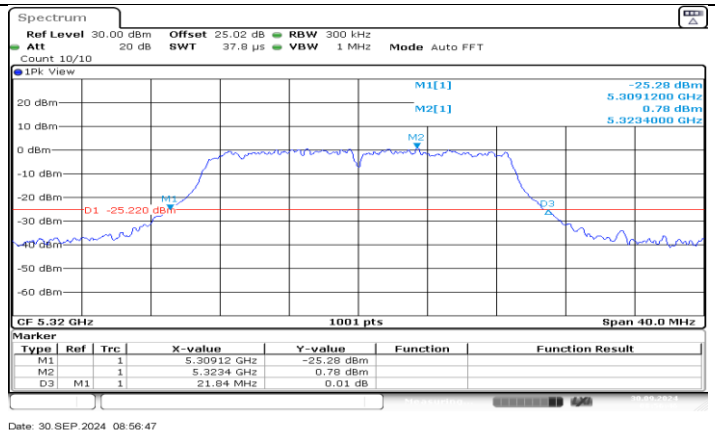
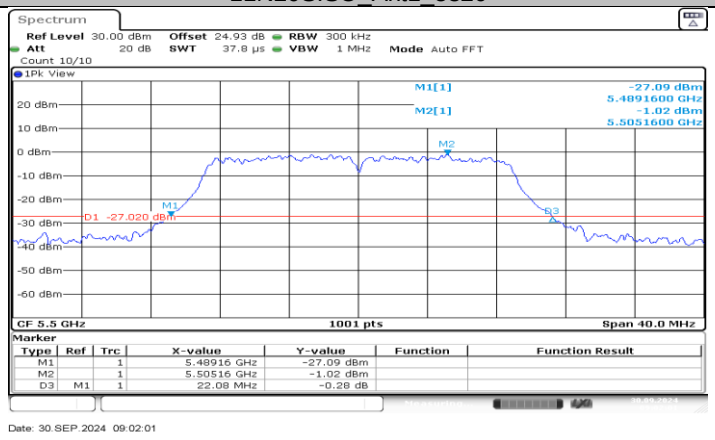
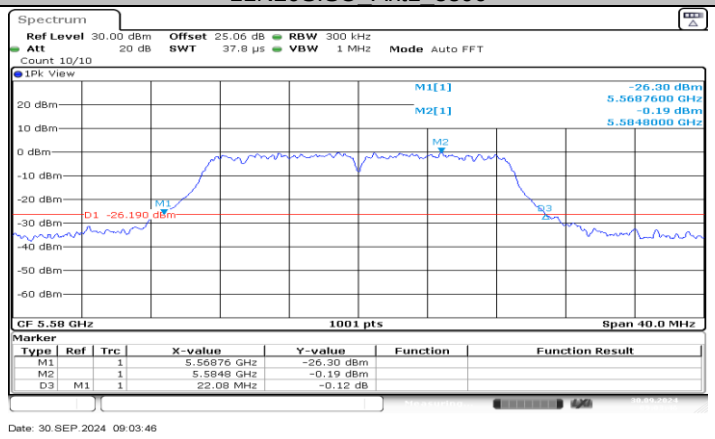


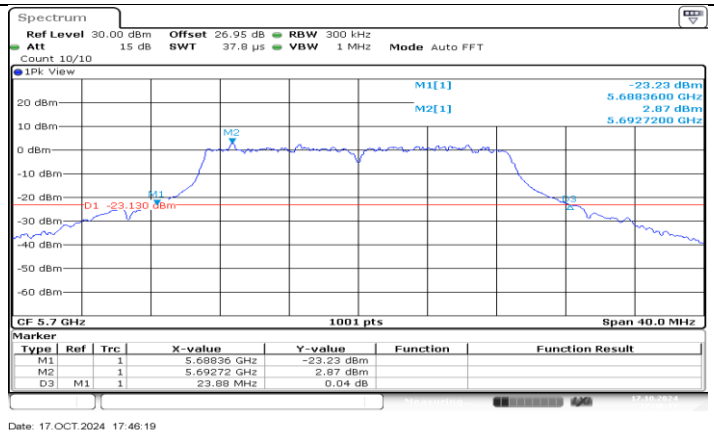
11N20SISO_Ant1_5320



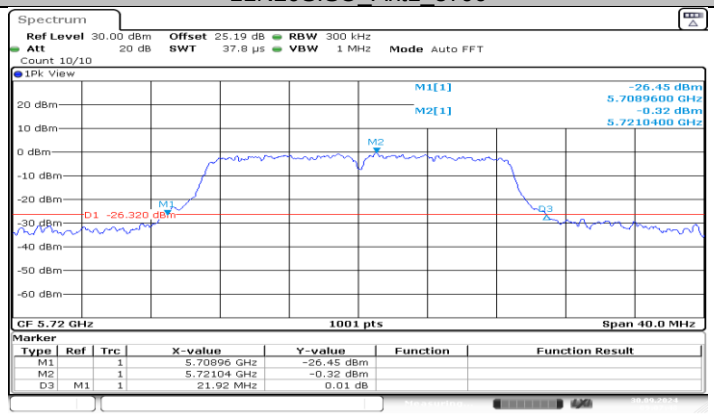
11N20SISO_Ant1_5500



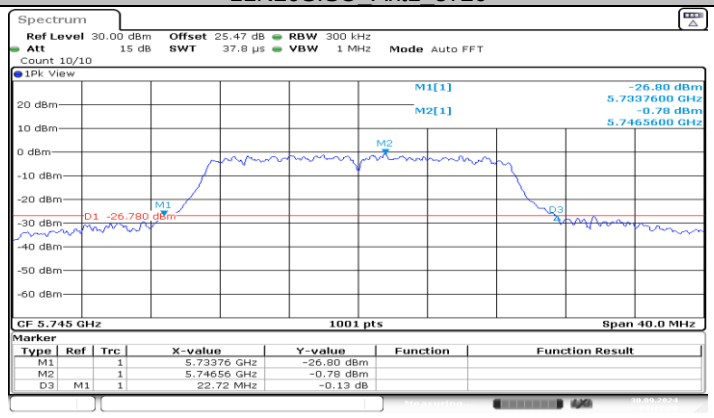
11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N20SISO_Ant1_5720



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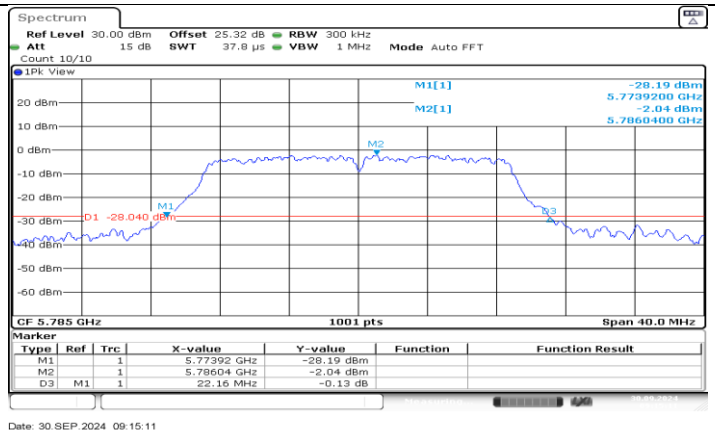
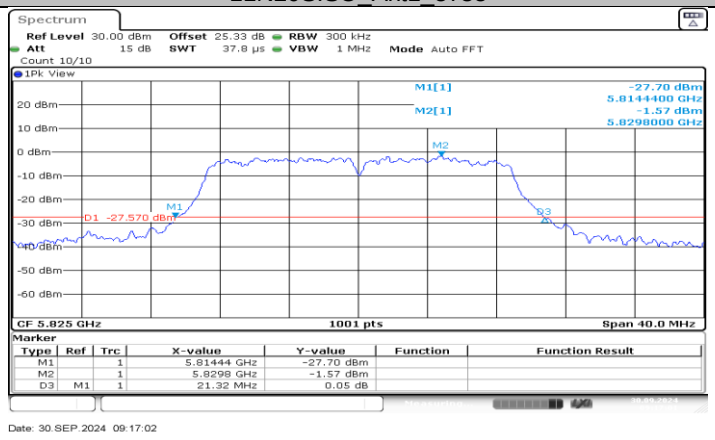
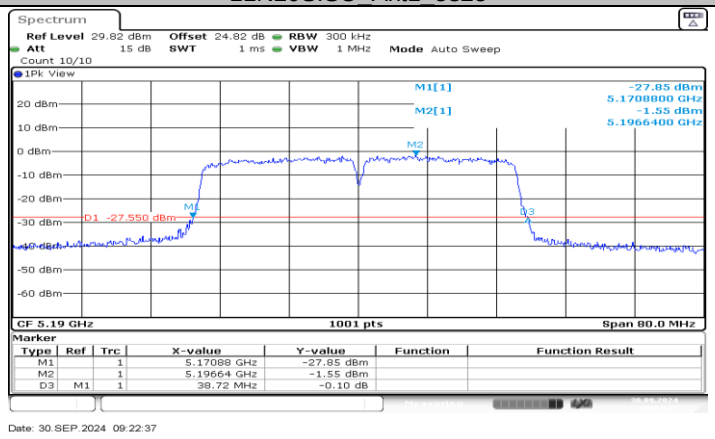


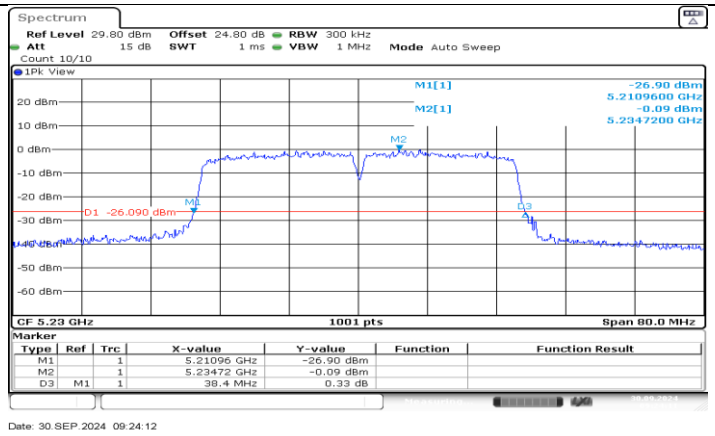
11N20SISO_Ant1_5785



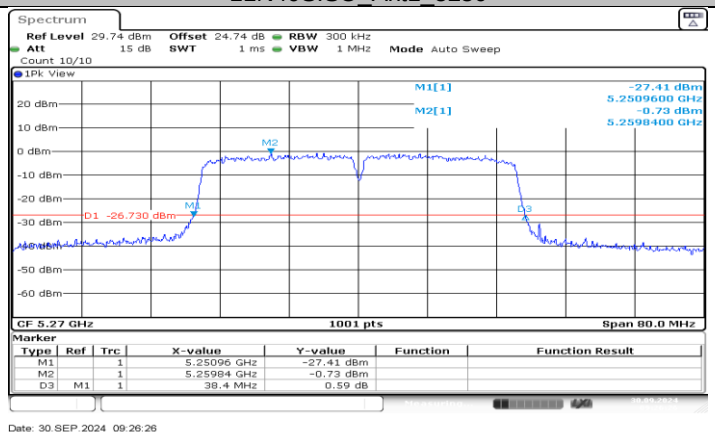
11N20SISO_Ant1_5825



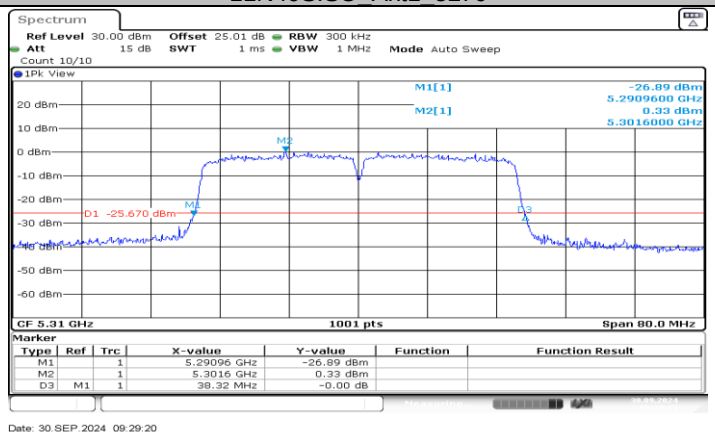
11N40SISO_Ant1_5190



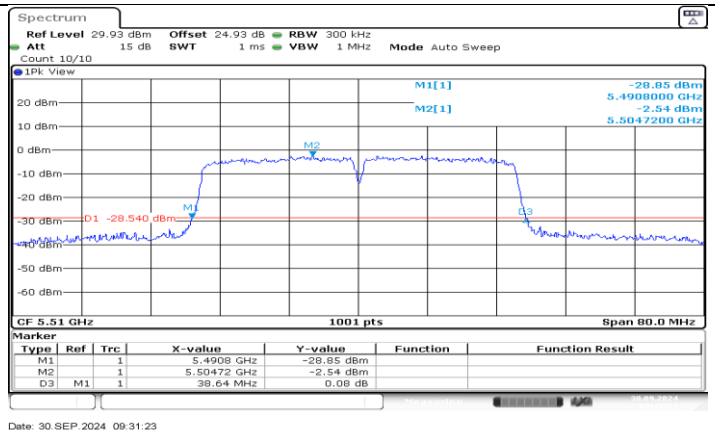
11N40SISO_Ant1_5230



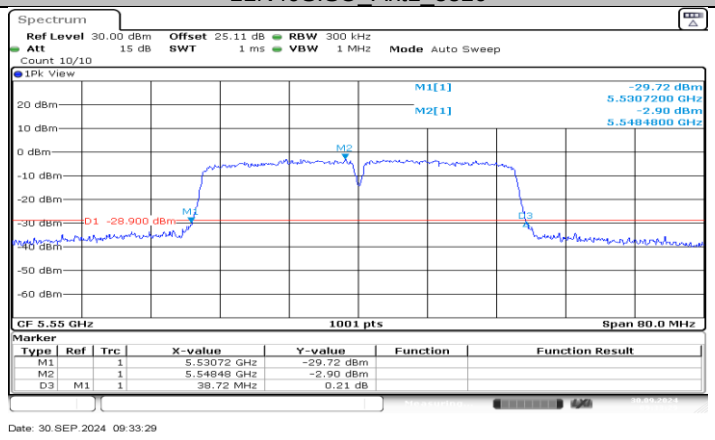
11N40SISO_Ant1_5270



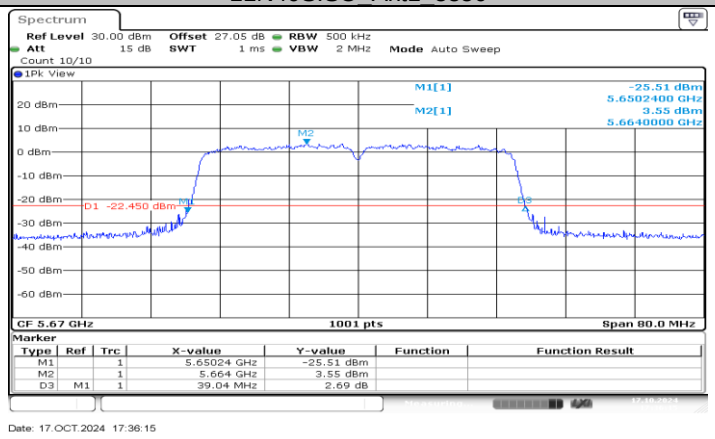
11N40SISO_Ant1_5310



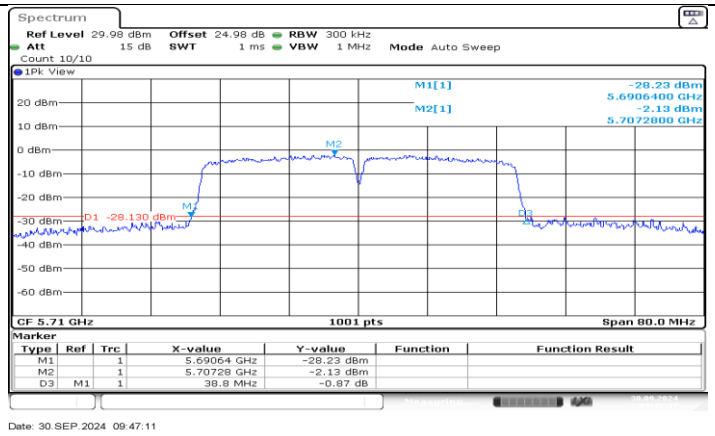
11N40SISO_Ant1_5510



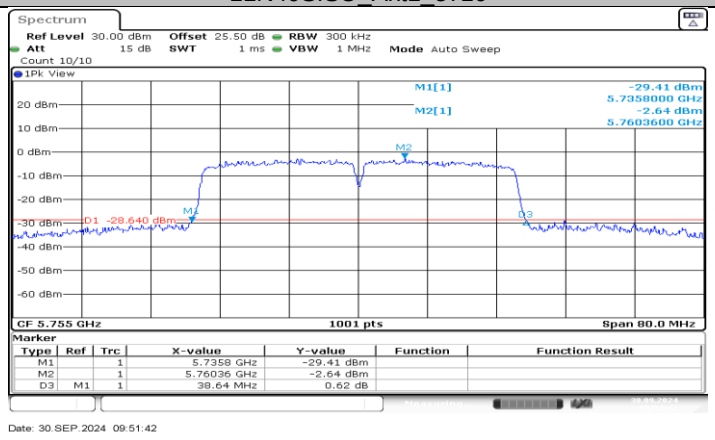
11N40SISO_Ant1_5550



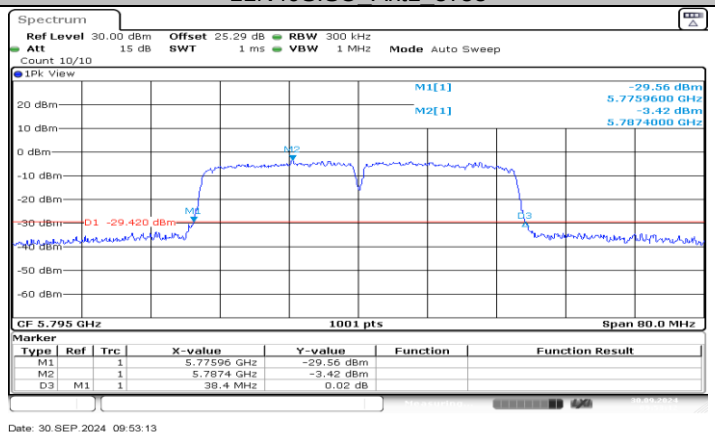
11N40SISO_Ant1_5670



11N40SISO_Ant1_5710



11N40SISO_Ant1_5755



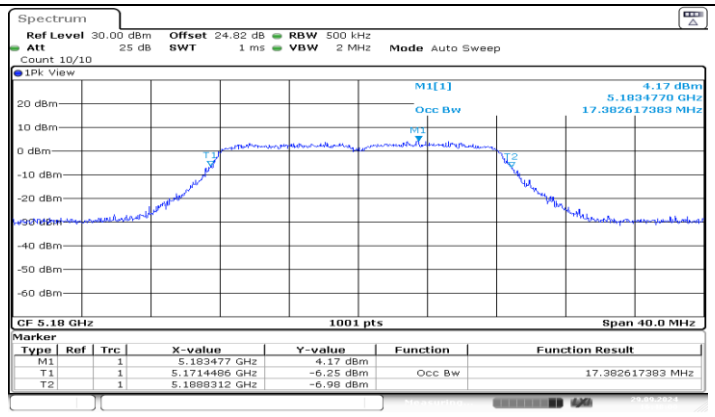
11N40SISO_Ant1_5795

11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

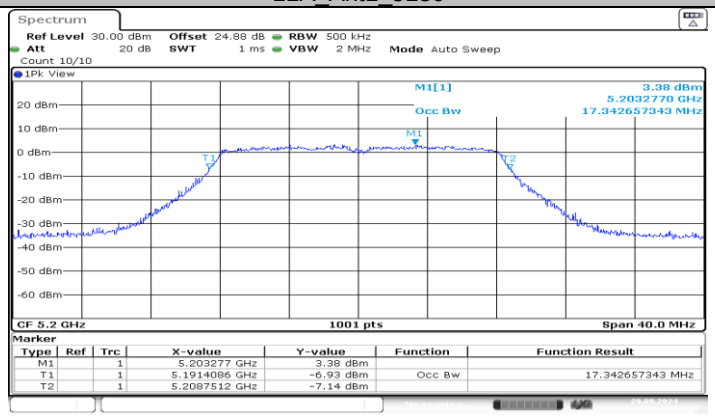
11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.383	5171.4486	5188.8312
		5200	17.343	5191.4086	5208.7512
		5240	17.303	5231.4486	5248.7512
		5260	17.542	5251.4486	5268.9910
		5280	17.463	5271.3287	5288.7912
		5320	17.343	5311.3287	5328.6713
		5500	17.383	5491.3287	5508.7113
		5580	17.622	5571.2088	5588.8312
		5700	18.262	5691.0889	5709.3506
		5720	17.423	5711.3287	5728.7512
		5720_UNII-2C	13.671	5711.3287	5725
		5720_UNII-3	3.751	5725	5728.7512
		5745	17.463	5736.2887	5753.7512
		5785	17.303	5776.4086	5793.7113
		5825	17.542	5816.1688	5833.7113
11N20SISO	Ant1	5180	18.382	5170.8891	5189.2707
		5200	18.302	5190.9291	5209.2308
		5240	18.262	5230.9291	5249.1908
		5260	18.302	5250.9690	5269.2707
		5280	18.342	5270.7692	5289.1109
		5320	18.342	5310.8891	5329.2308
		5500	18.342	5490.8891	5509.2308
		5580	18.422	5570.9291	5589.3506
		5700	19.021	5690.6494	5709.6703
		5720	18.342	5710.9690	5729.3107
		5720_UNII-2C	14.031	5710.9690	5725
		5720_UNII-3	4.311	5725	5729.3107
		5745	18.621	5735.7293	5754.3506
		5785	18.701	5775.7293	5794.4306
		5825	18.222	5815.9690	5834.1908
11N40SISO	Ant1	5190	35.964	5172.1778	5208.1419
		5230	35.964	5212.1778	5248.1419
		5270	35.964	5252.0979	5288.0619
		5310	35.884	5292.1778	5328.0619
		5510	35.964	5492.1778	5528.1419
		5550	35.964	5532.0979	5568.0619
		5670	36.364	5652.0180	5688.3816
		5710	36.044	5692.0979	5728.1419
		5710_UNII-2C	32.902	5692.0979	5725
		5710_UNII-3	3.142	5725	5728.1419
		5755	36.204	5737.0180	5773.2218
		5795	36.044	5777.0979	5813.1419

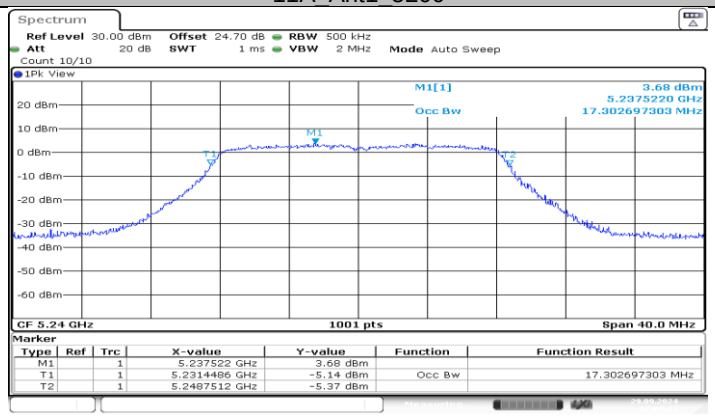
11.2.2. Test Graphs



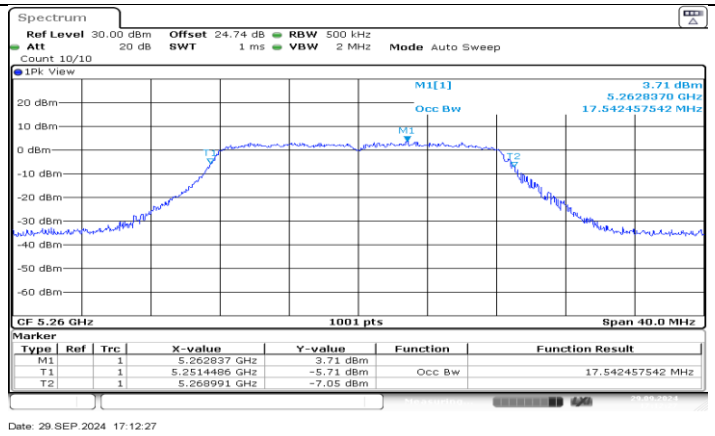
11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



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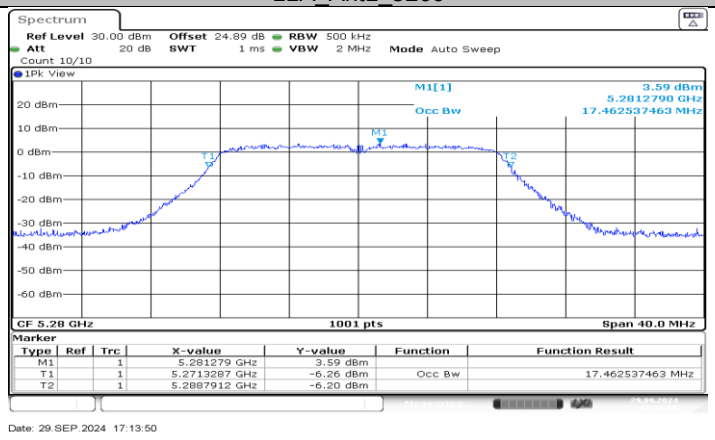

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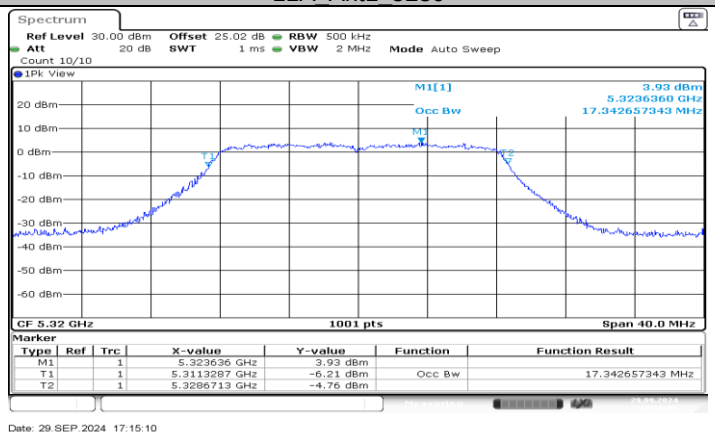

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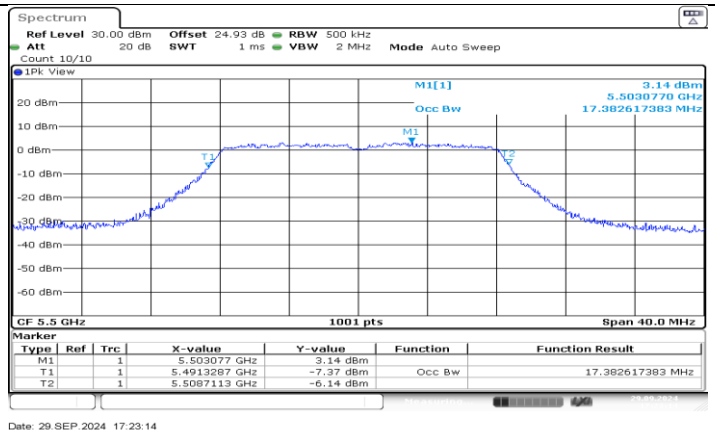

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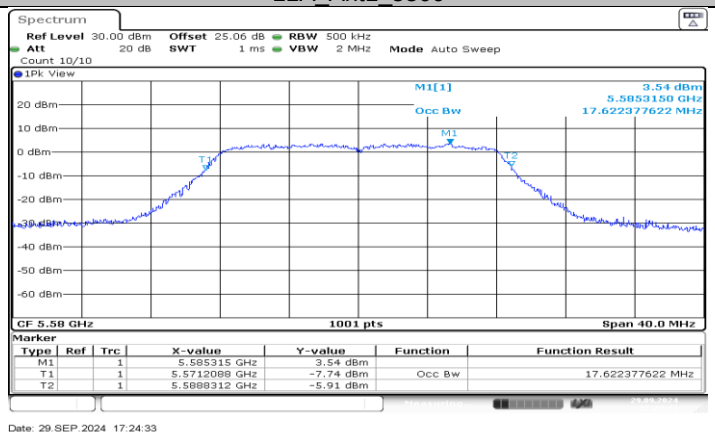

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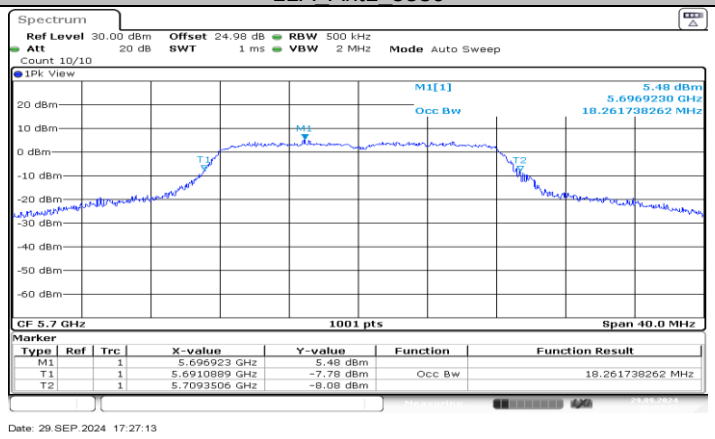

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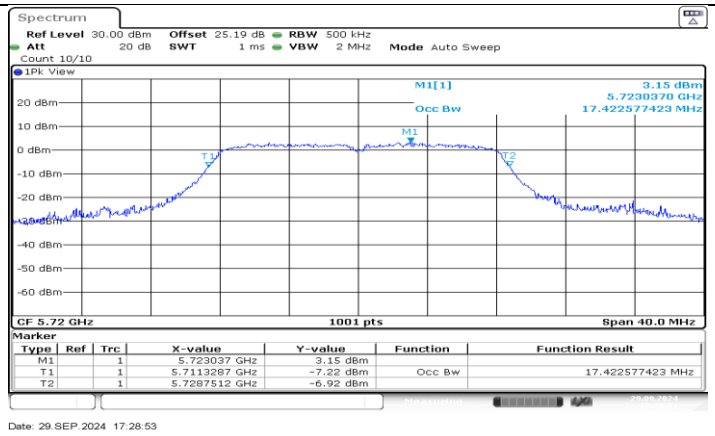

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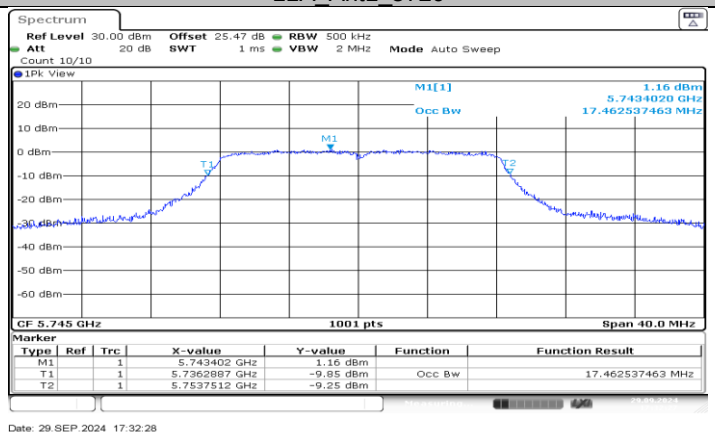
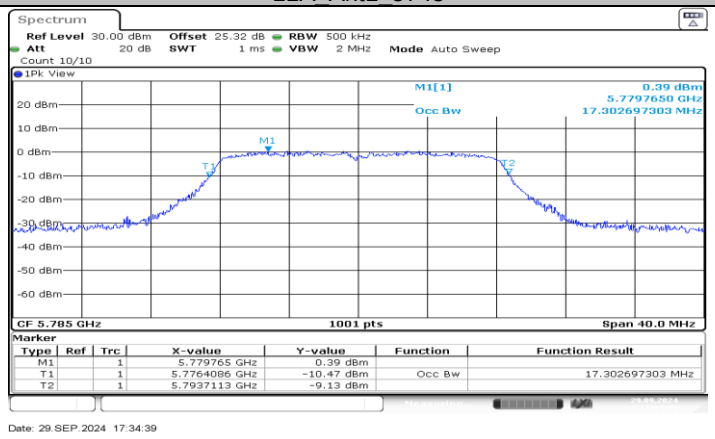
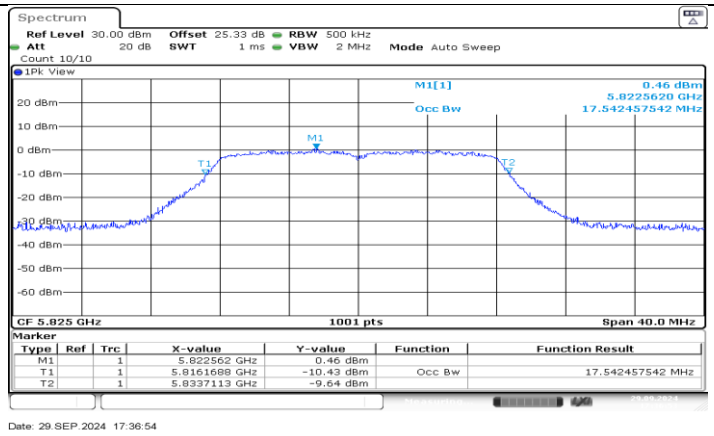


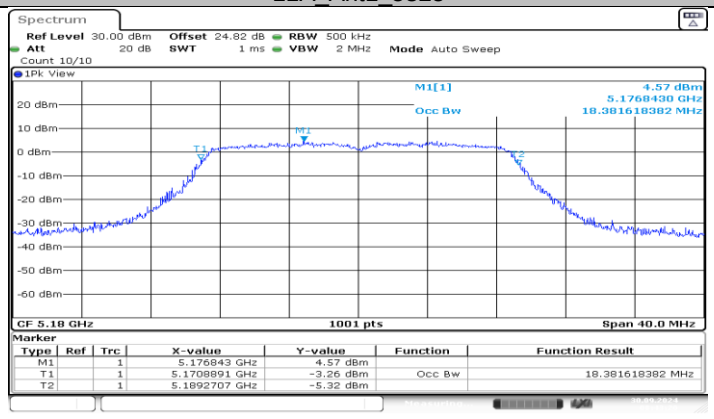
11A_Ant1_5745



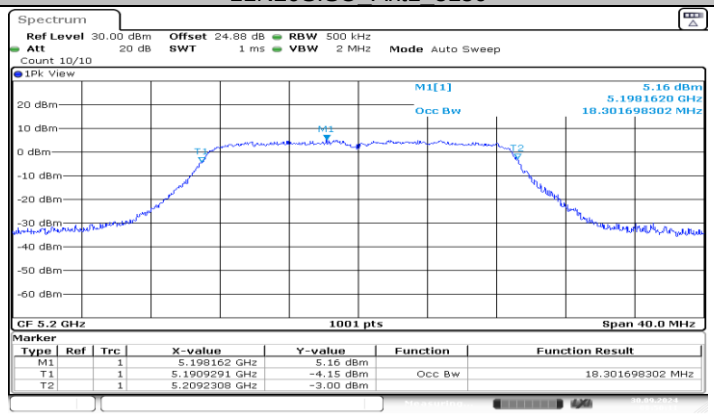
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



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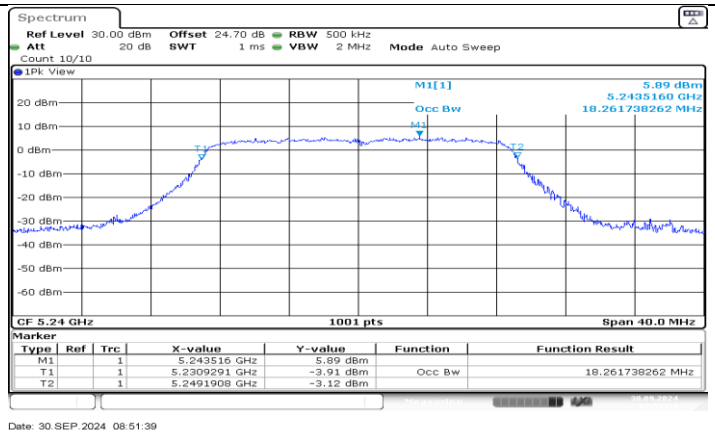

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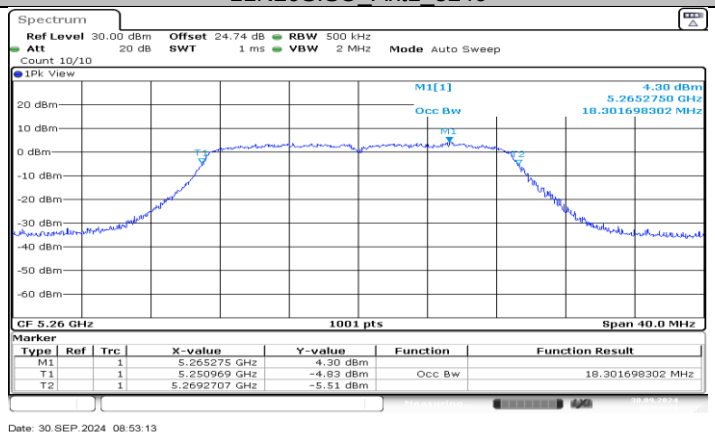

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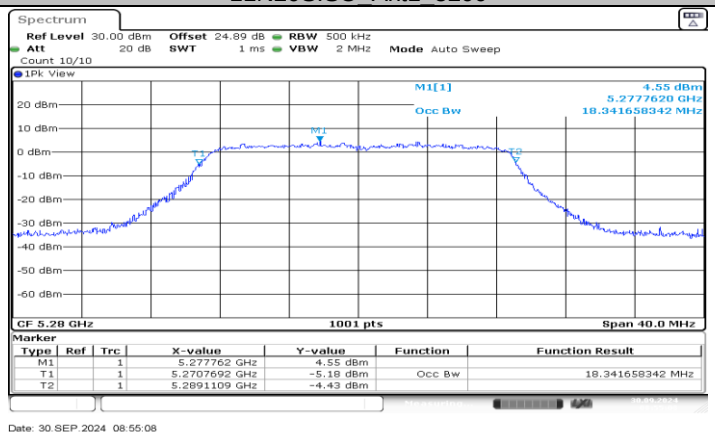
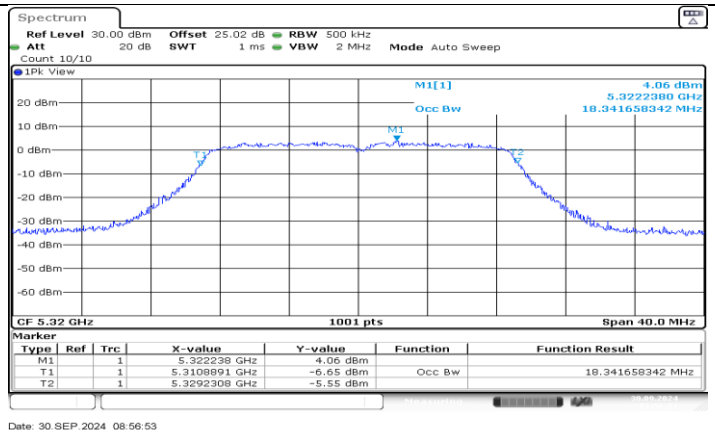


11N20SISO_Ant1_5280



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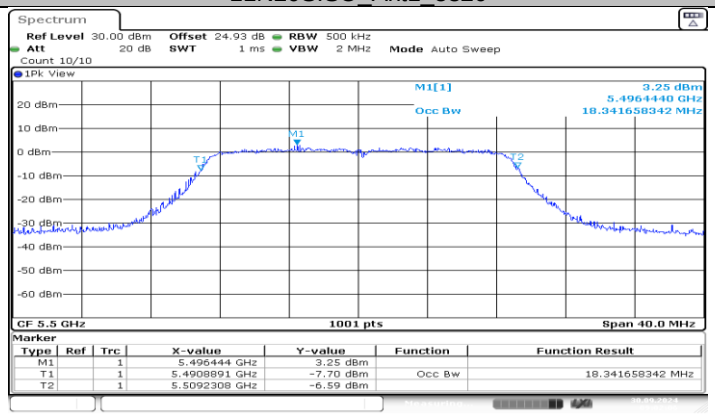
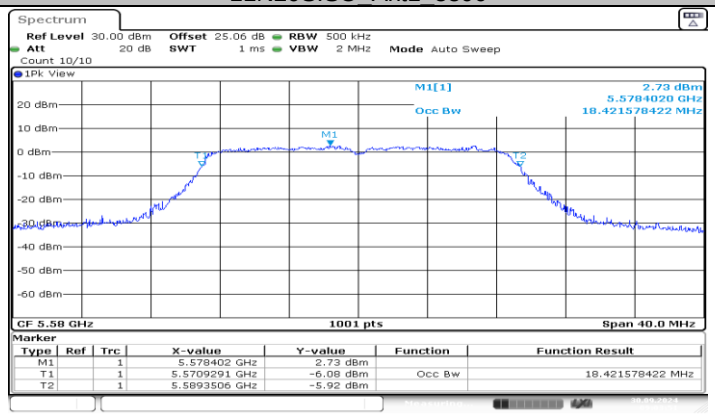


11N20SISO_Ant1_5500



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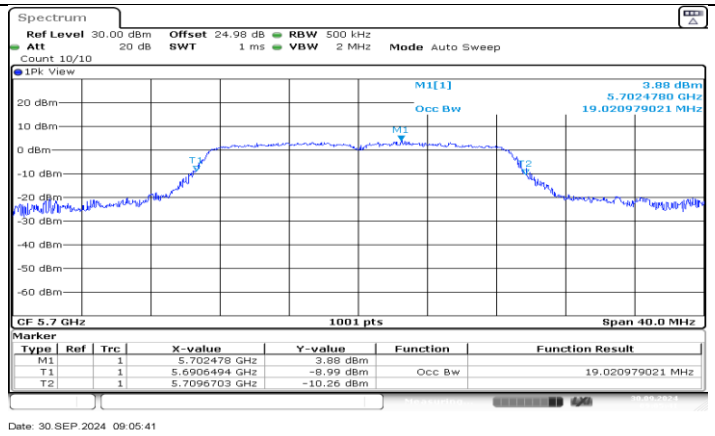

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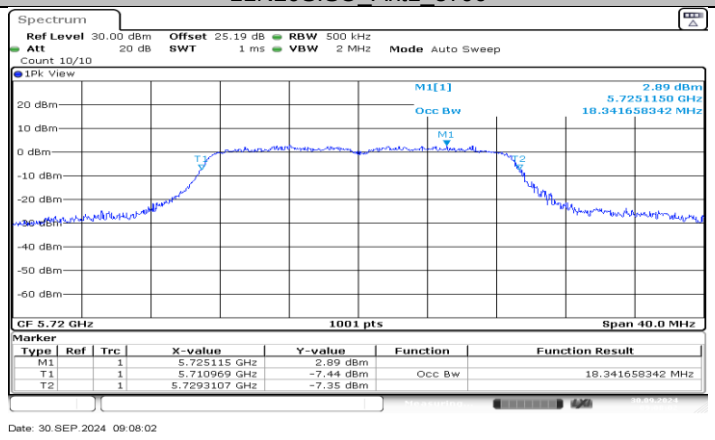

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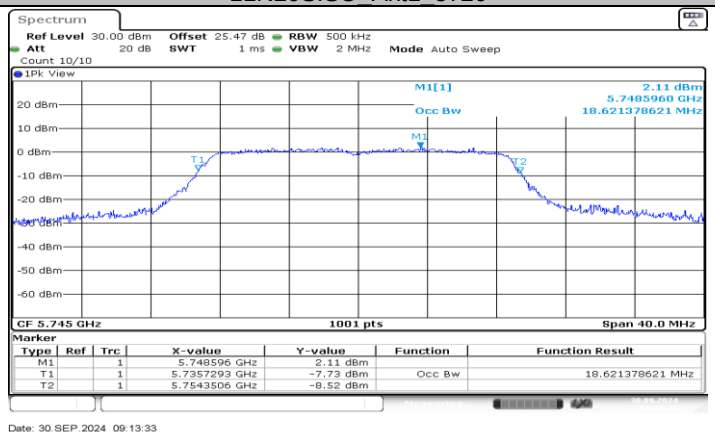

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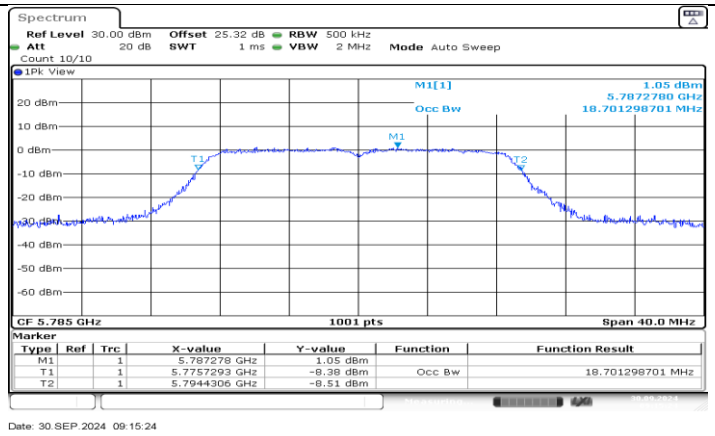

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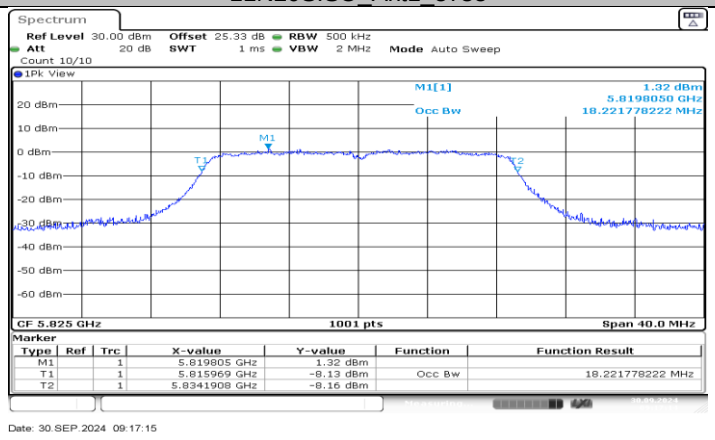

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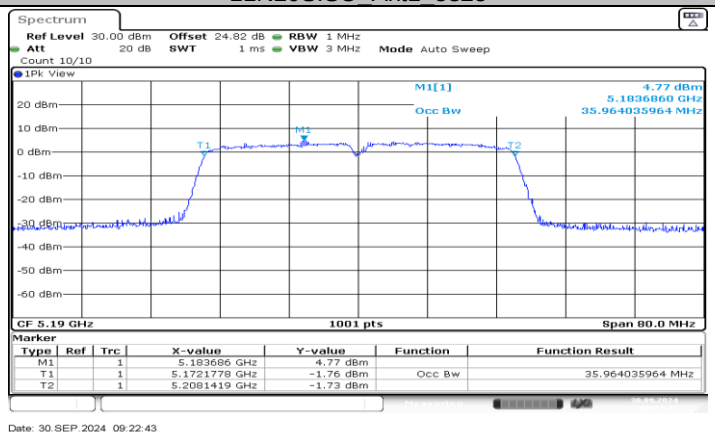

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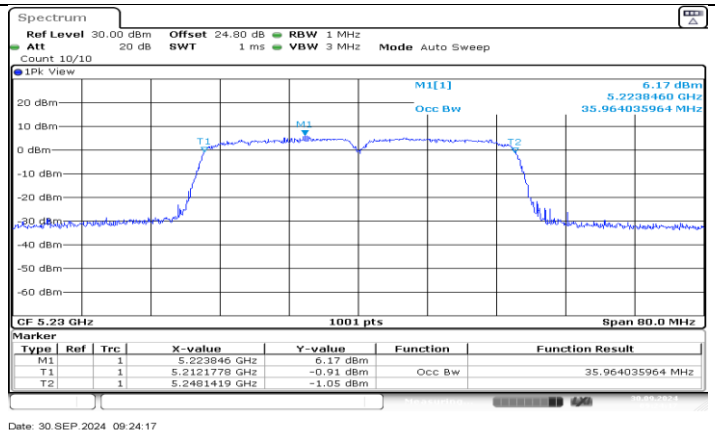

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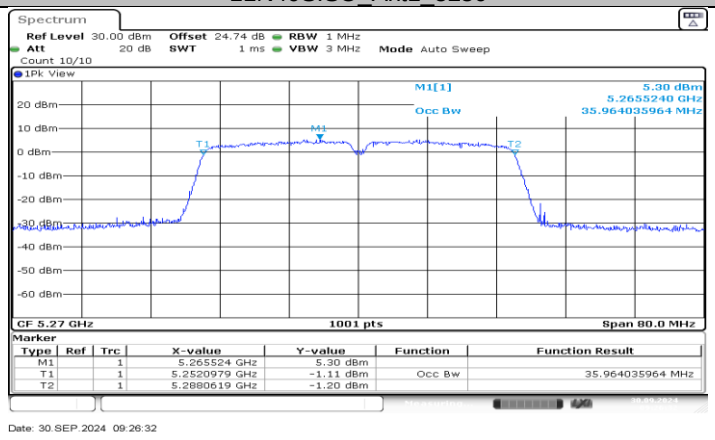

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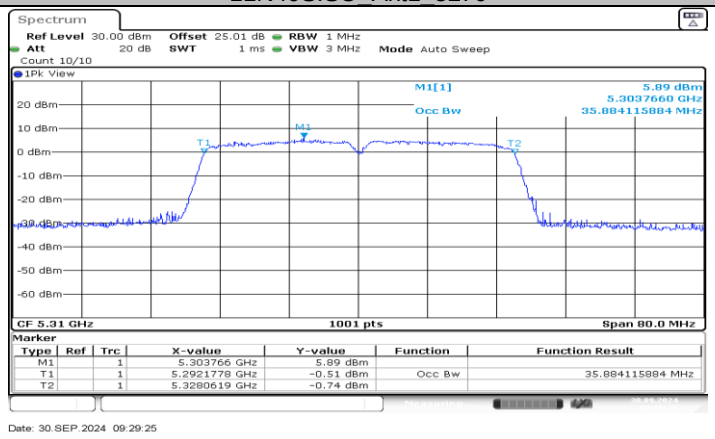

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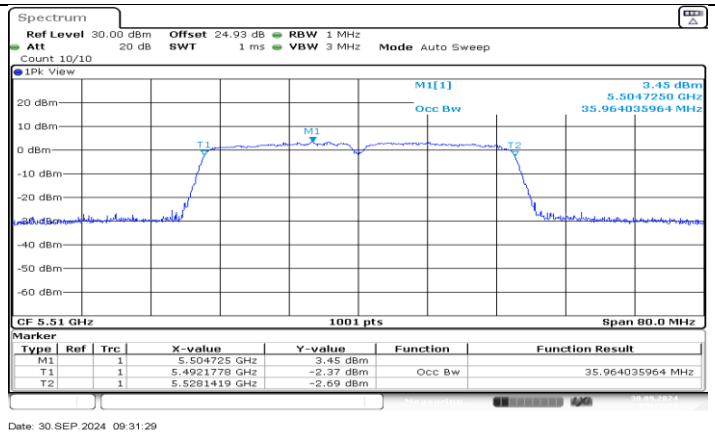

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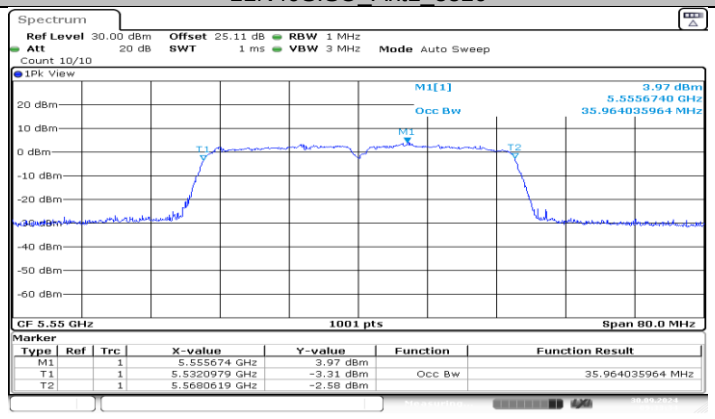

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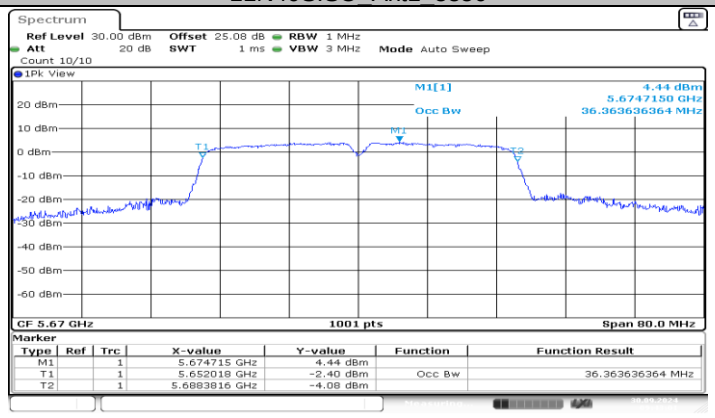

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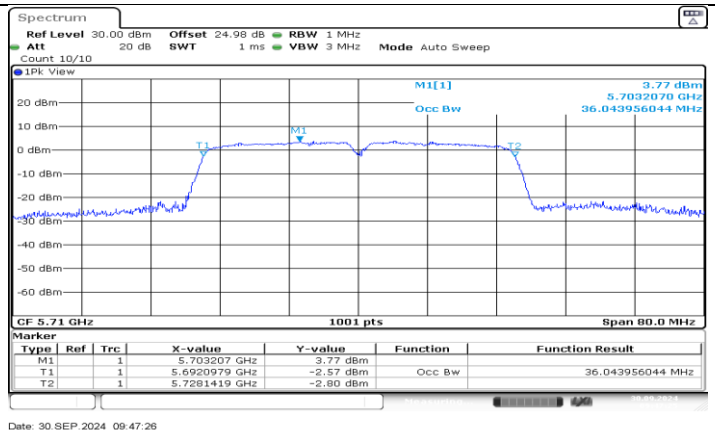

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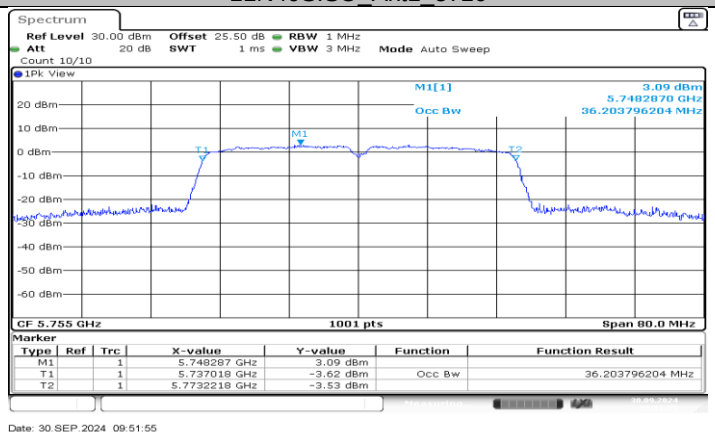
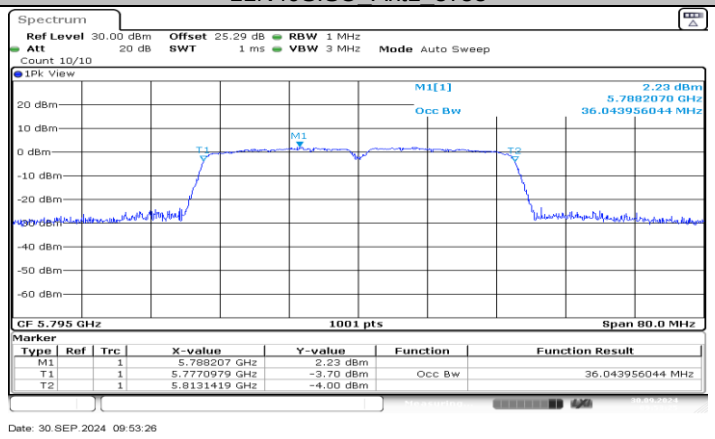


11N40SISO_Ant1_5755



11N40SISO_Ant1_5795