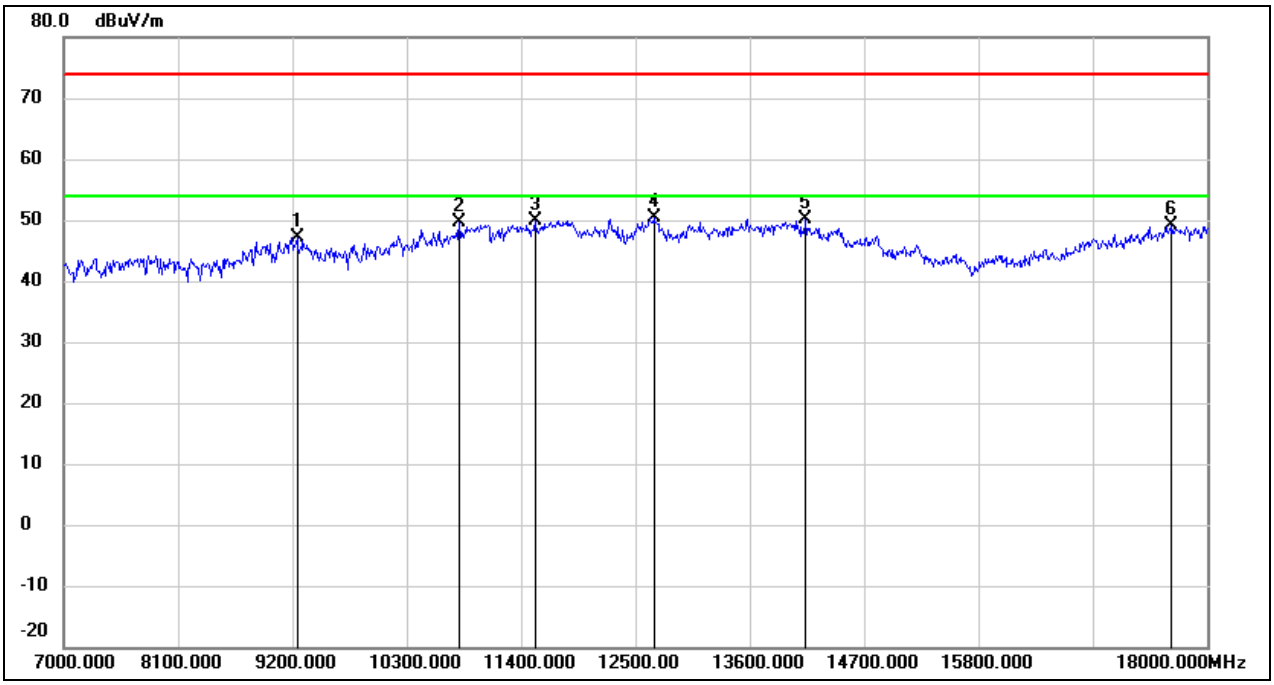
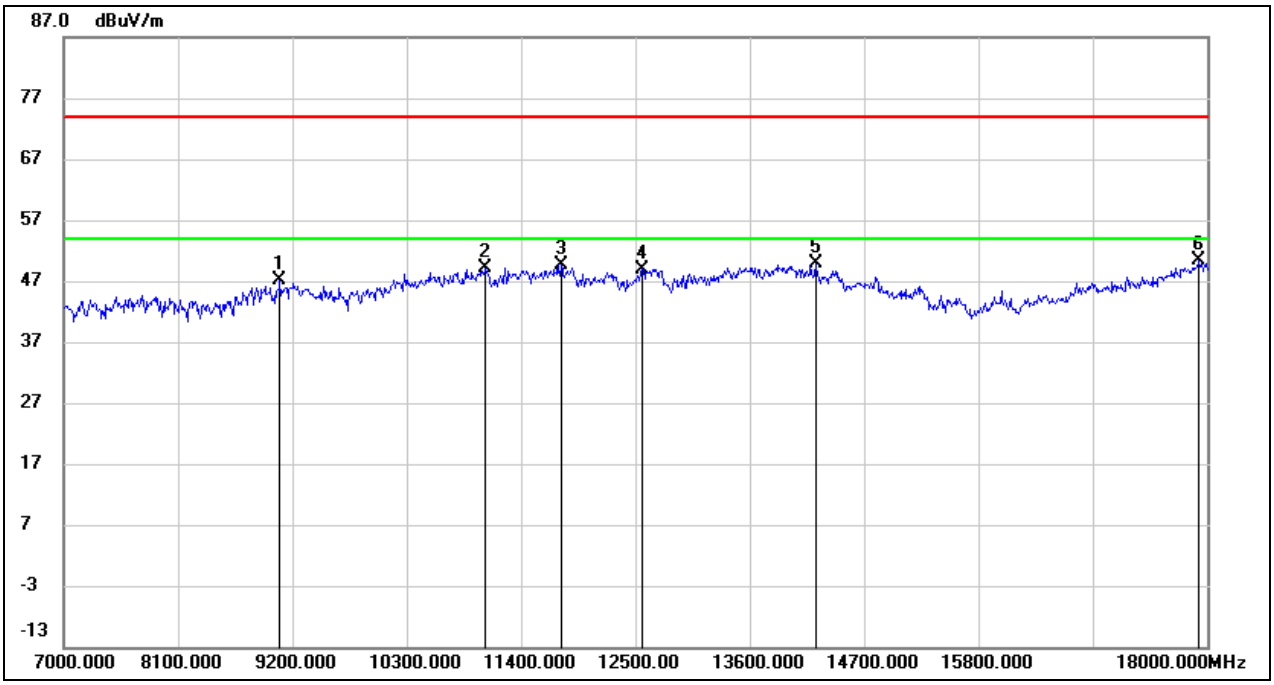
Test Mode:	802.11n HT40	Channel:	5230
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



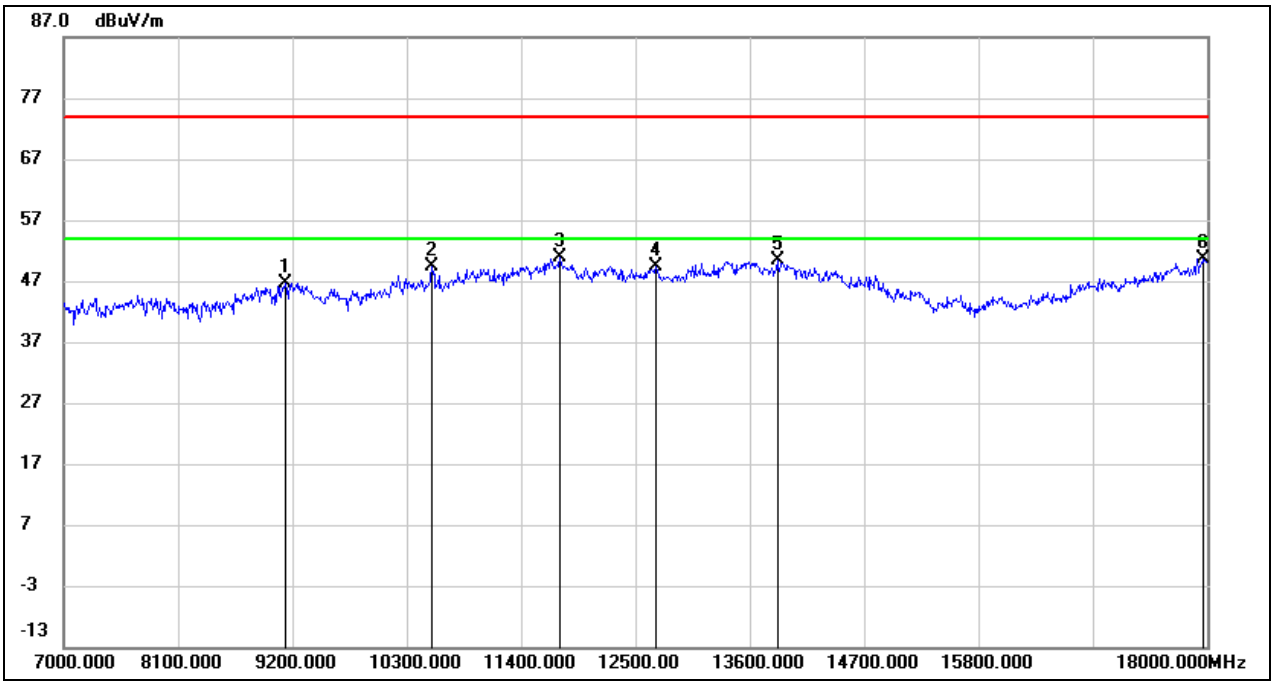
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	36.60	10.49	47.09	74.00	-26.91	peak
2	10806.000	35.53	13.98	49.51	74.00	-24.49	peak
3	11532.000	33.14	16.83	49.97	74.00	-24.03	peak
4	12676.000	32.42	18.05	50.47	74.00	-23.53	peak
5	14139.000	28.76	21.30	50.06	74.00	-23.94	peak
6	17659.000	25.44	23.78	49.22	74.00	-24.78	peak

Test Mode:	802.11n HT40	Channel:	5270
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



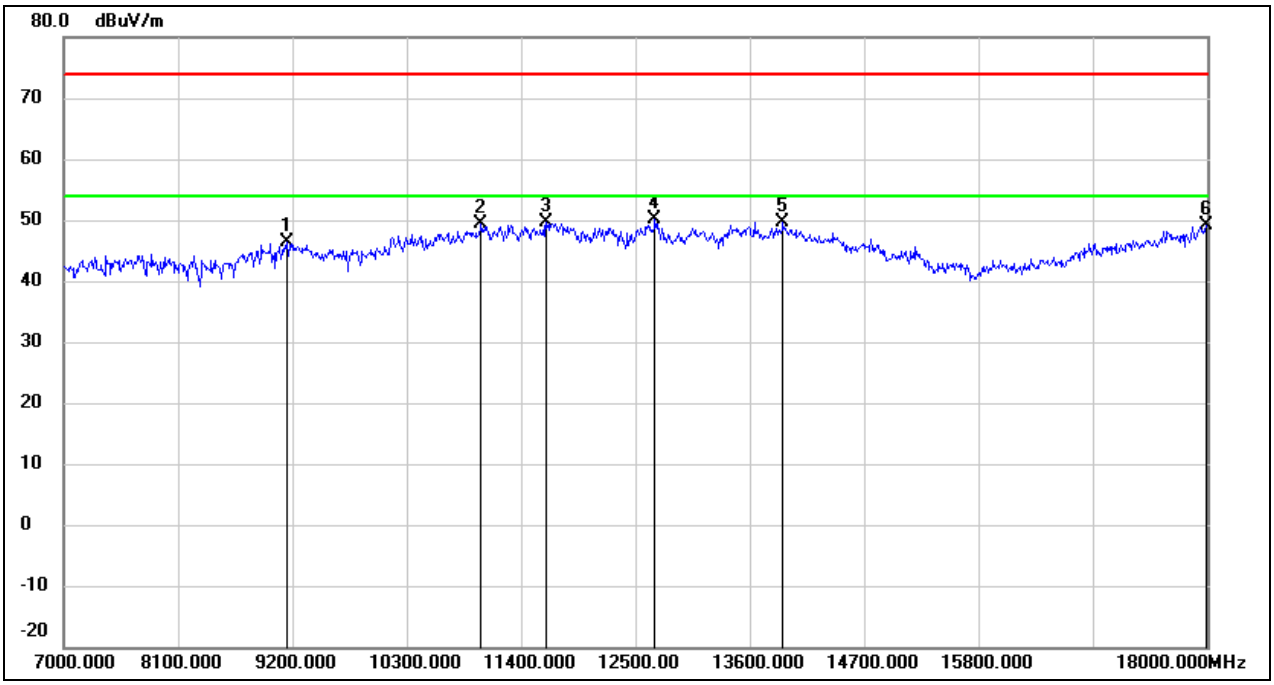
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9079.000	36.75	10.39	47.14	74.00	-26.86	peak
2	11059.000	34.18	14.96	49.14	74.00	-24.86	peak
3	11785.000	32.23	17.30	49.53	74.00	-24.47	peak
4	12566.000	31.09	17.91	49.00	74.00	-25.00	peak
5	14238.000	29.02	20.88	49.90	74.00	-24.10	peak
6	17923.000	24.83	25.60	50.43	74.00	-23.57	peak

Test Mode:	802.11n HT40	Channel:	5270
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



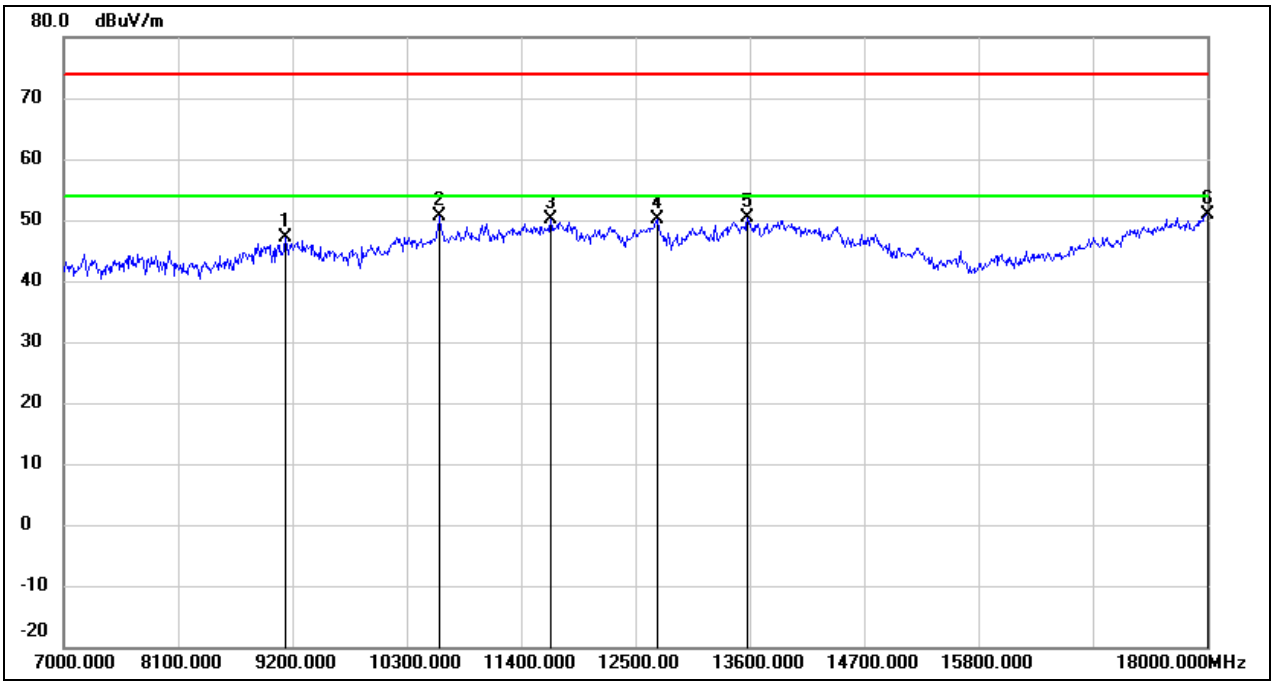
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.25	10.41	46.66	74.00	-27.34	peak
2	10542.000	36.47	12.98	49.45	74.00	-24.55	peak
3	11774.000	33.53	17.28	50.81	74.00	-23.19	peak
4	12698.000	31.22	18.08	49.30	74.00	-24.70	peak
5	13864.000	28.93	21.53	50.46	74.00	-23.54	peak
6	17967.000	24.74	25.89	50.63	74.00	-23.37	peak

Test Mode:	802.11n HT40	Channel:	5310
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



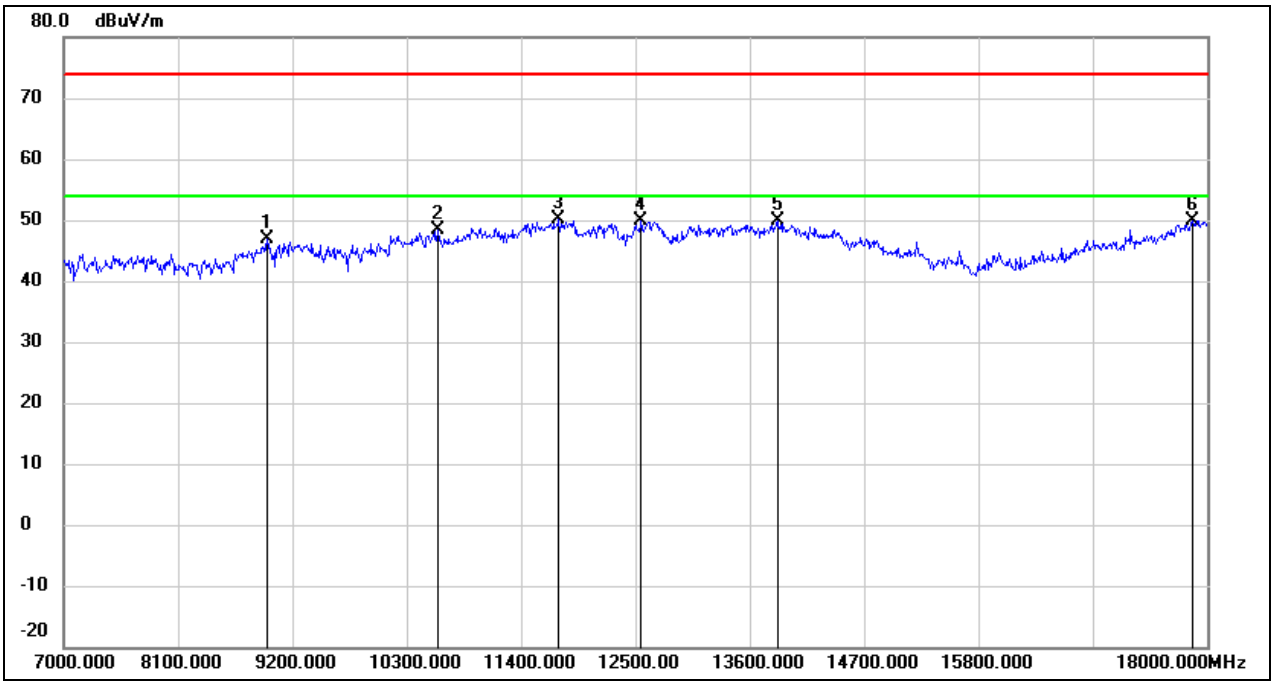
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9145.000	35.86	10.43	46.29	74.00	-27.71	peak
2	11015.000	34.51	14.79	49.30	74.00	-24.70	peak
3	11642.000	32.62	17.03	49.65	74.00	-24.35	peak
4	12687.000	31.97	18.05	50.02	74.00	-23.98	peak
5	13919.000	27.87	21.68	49.55	74.00	-24.45	peak
6	17989.000	23.18	26.04	49.22	74.00	-24.78	peak

Test Mode:	802.11n HT40	Channel:	5310
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



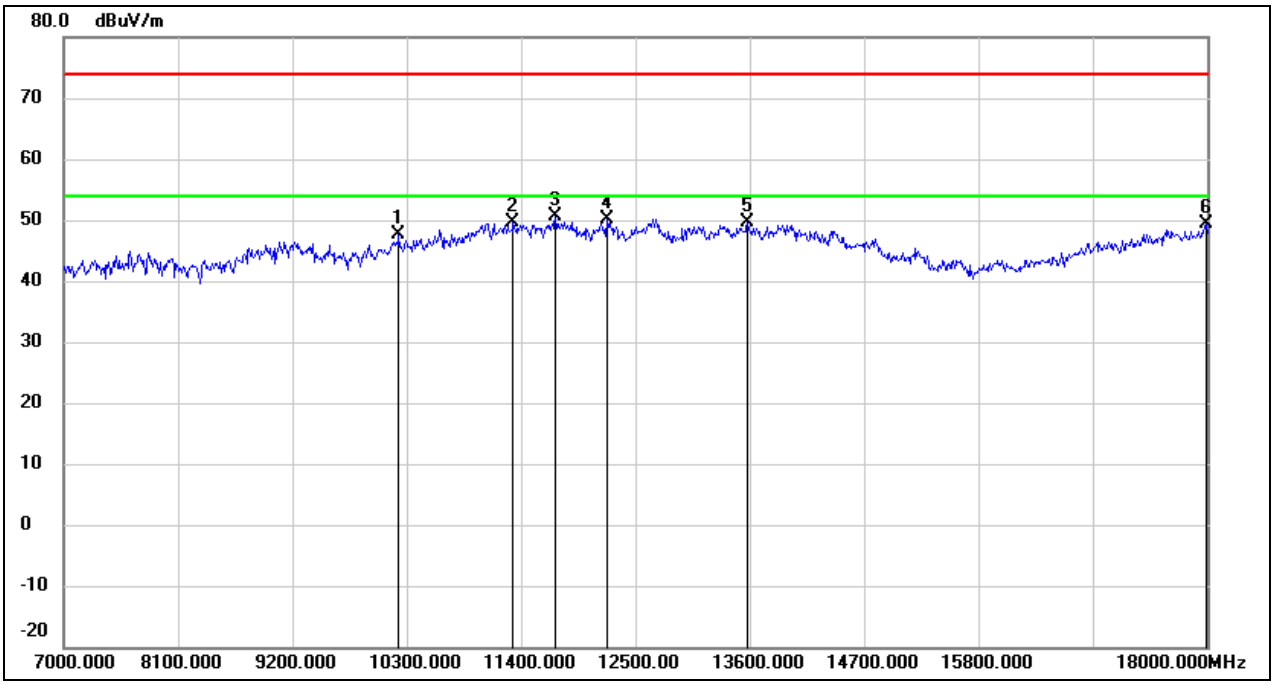
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.71	10.41	47.12	74.00	-26.88	peak
2	10619.000	37.27	13.28	50.55	74.00	-23.45	peak
3	11686.000	33.09	17.12	50.21	74.00	-23.79	peak
4	12709.000	32.06	18.09	50.15	74.00	-23.85	peak
5	13578.000	29.50	20.83	50.33	74.00	-23.67	peak
6	18000.000	24.79	26.12	50.91	74.00	-23.09	peak

Test Mode:	802.11n HT40	Channel:	5510
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



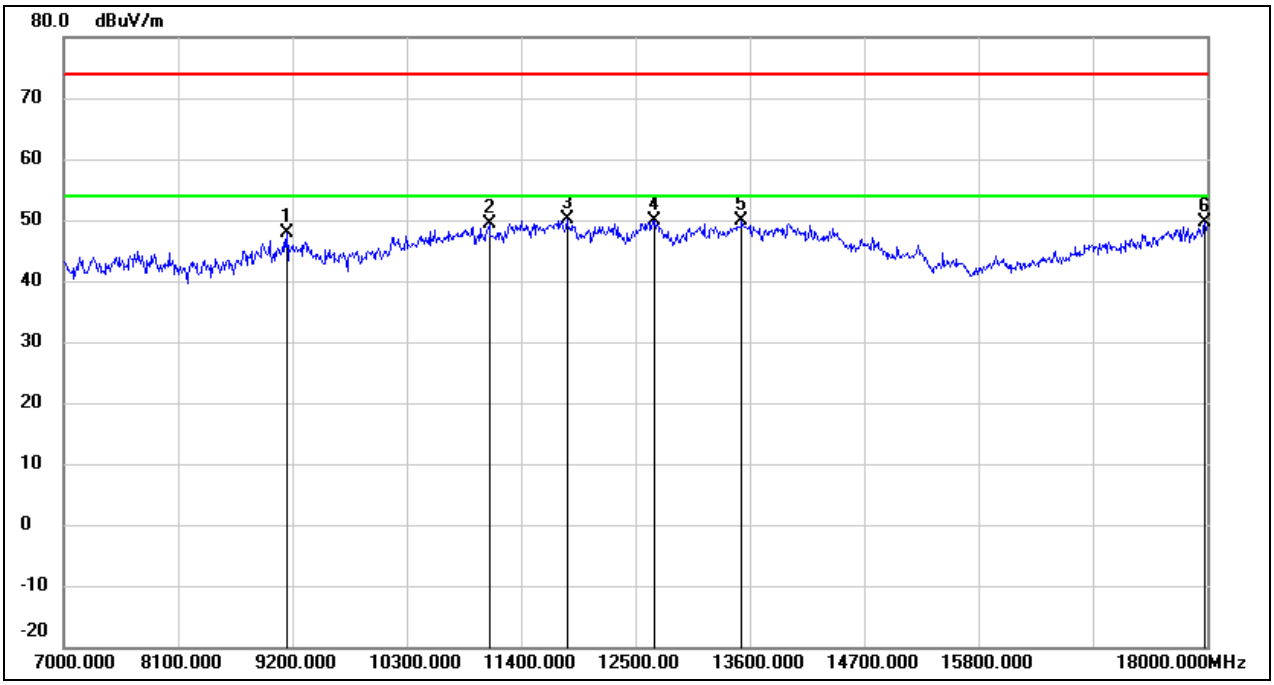
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	36.76	10.05	46.81	74.00	-27.19	peak
2	10597.000	35.07	13.19	48.26	74.00	-25.74	peak
3	11763.000	32.91	17.26	50.17	74.00	-23.83	peak
4	12555.000	32.07	17.90	49.97	74.00	-24.03	peak
5	13864.000	28.26	21.53	49.79	74.00	-24.21	peak
6	17857.000	24.78	25.14	49.92	74.00	-24.08	peak

Test Mode:	802.11n HT40	Channel:	5510
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



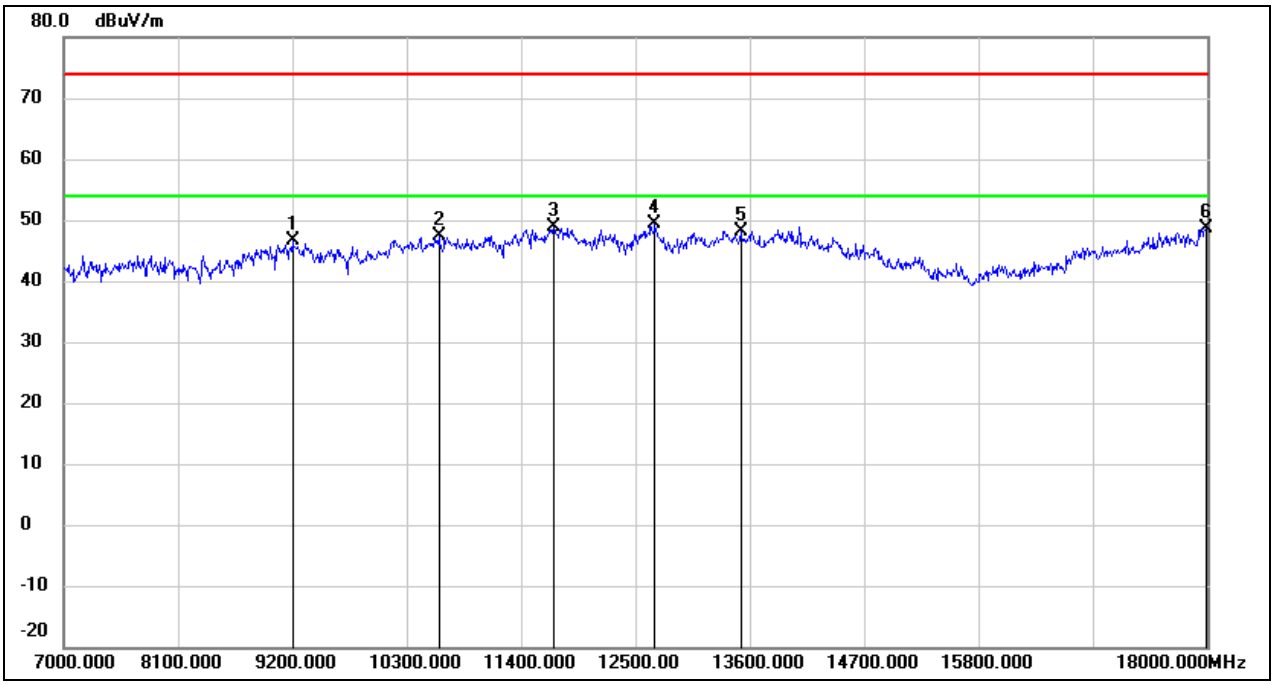
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10223.000	35.39	12.24	47.63	74.00	-26.37	peak
2	11323.000	33.63	16.05	49.68	74.00	-24.32	peak
3	11730.000	33.33	17.19	50.52	74.00	-23.48	peak
4	12225.000	32.27	17.75	50.02	74.00	-23.98	peak
5	13578.000	28.91	20.83	49.74	74.00	-24.26	peak
6	17989.000	23.29	26.04	49.33	74.00	-24.67	peak

Test Mode:	802.11n HT40	Channel:	5550
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



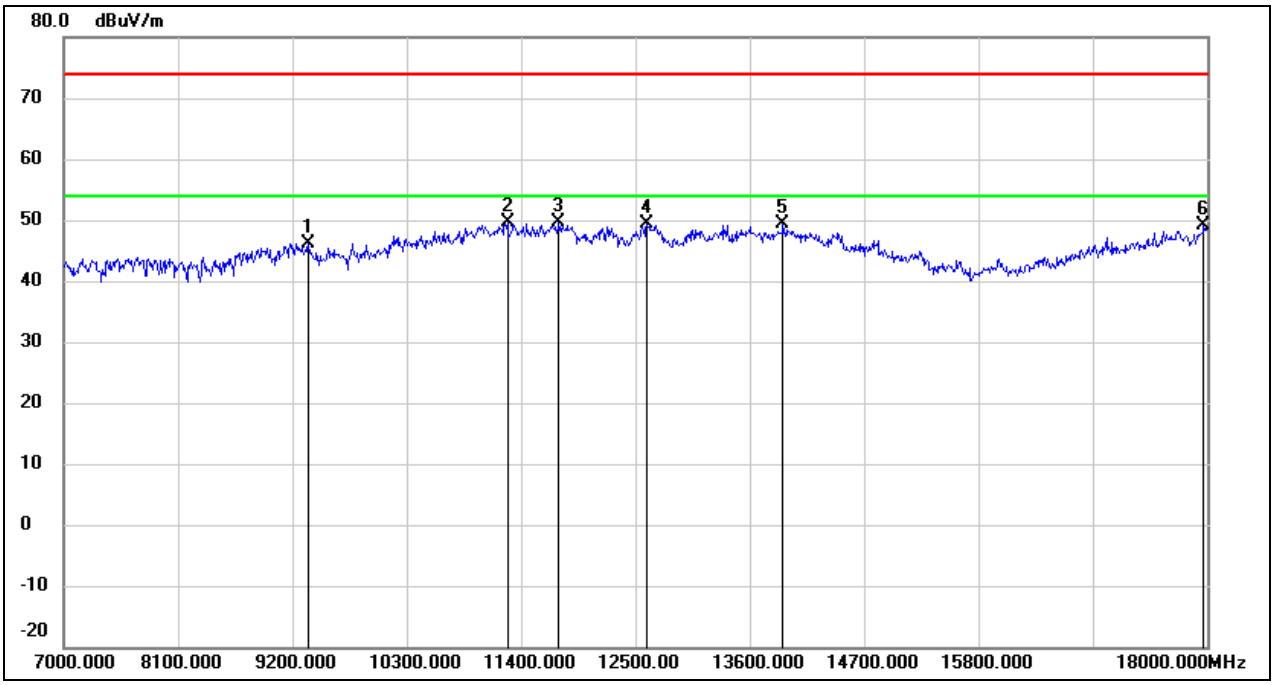
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9145.000	37.35	10.43	47.78	74.00	-26.22	peak
2	11092.000	34.30	15.10	49.40	74.00	-24.60	peak
3	11840.000	32.61	17.40	50.01	74.00	-23.99	peak
4	12687.000	31.83	18.05	49.88	74.00	-24.12	peak
5	13523.000	29.25	20.70	49.95	74.00	-24.05	peak
6	17978.000	23.64	25.97	49.61	74.00	-24.39	peak

Test Mode:	802.11n HT40	Channel:	5550
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



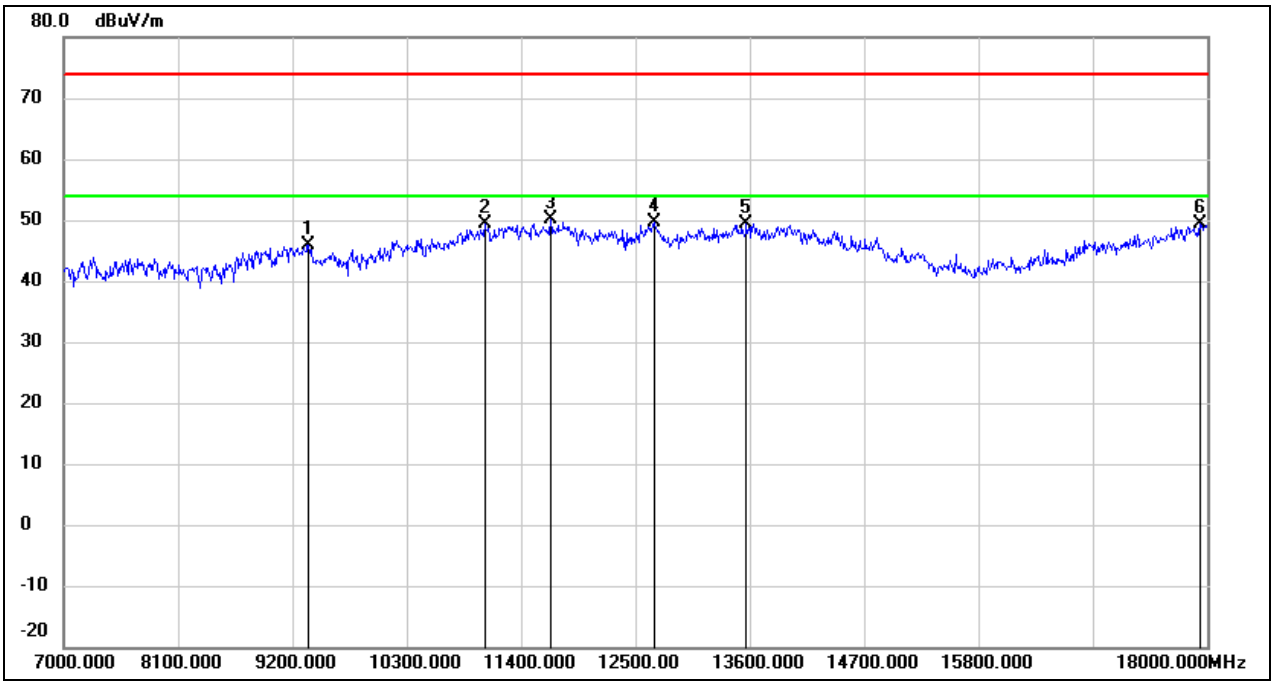
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9200.000	36.14	10.46	46.60	74.00	-27.40	peak
2	10608.000	34.27	13.23	47.50	74.00	-26.50	peak
3	11719.000	31.77	17.18	48.95	74.00	-25.05	peak
4	12687.000	31.29	18.05	49.34	74.00	-24.66	peak
5	13512.000	27.40	20.68	48.08	74.00	-25.92	peak
6	17989.000	22.67	26.04	48.71	74.00	-25.29	peak

Test Mode:	802.11n HT40	Channel:	5670
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



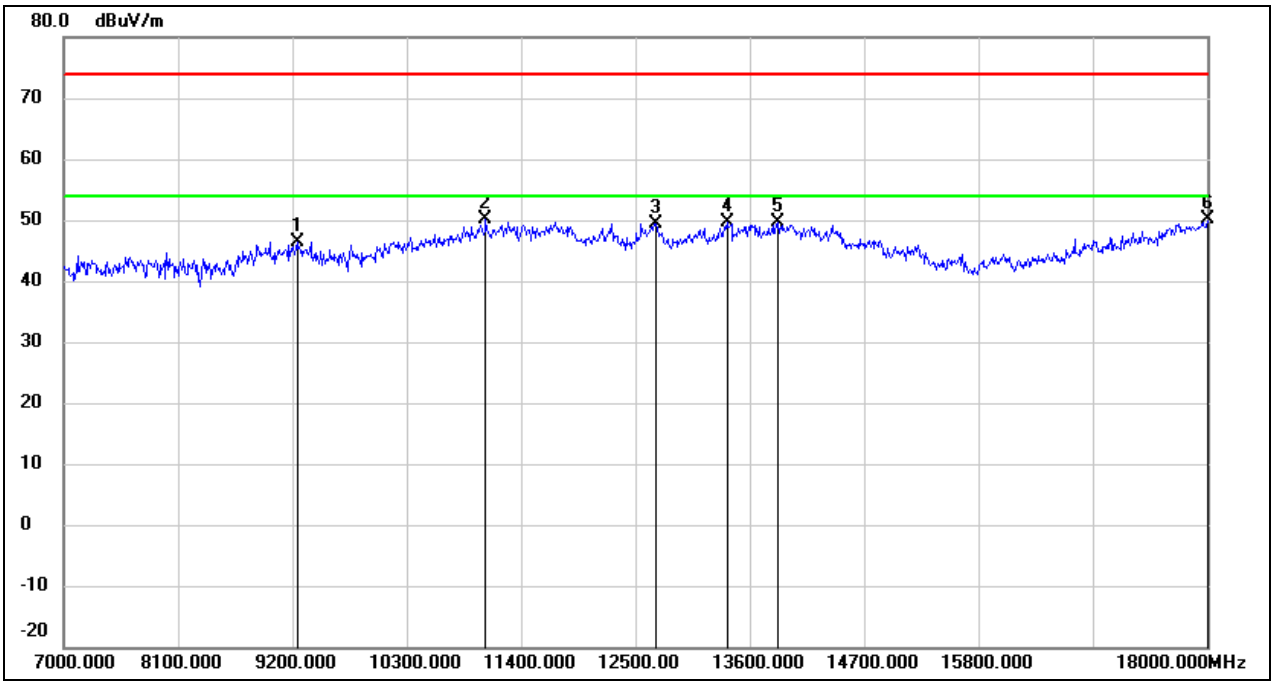
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.000	35.53	10.56	46.09	74.00	-27.91	peak
2	11268.000	33.75	15.83	49.58	74.00	-24.42	peak
3	11763.000	32.36	17.26	49.62	74.00	-24.38	peak
4	12610.000	31.53	17.97	49.50	74.00	-24.50	peak
5	13919.000	27.63	21.68	49.31	74.00	-24.69	peak
6	17967.000	23.34	25.89	49.23	74.00	-24.77	peak

Test Mode:	802.11n HT40	Channel:	5670
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



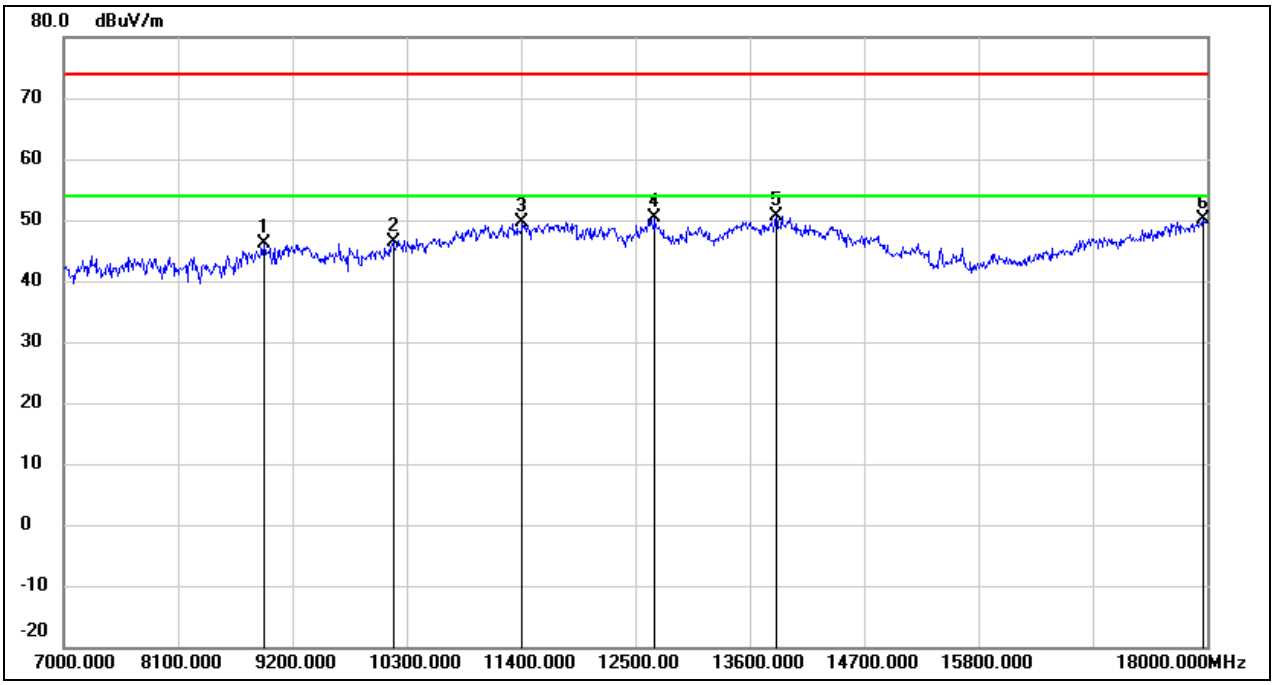
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.000	35.27	10.56	45.83	74.00	-28.17	peak
2	11048.000	34.58	14.91	49.49	74.00	-24.51	peak
3	11686.000	32.98	17.12	50.10	74.00	-23.90	peak
4	12676.000	31.50	18.05	49.55	74.00	-24.45	peak
5	13567.000	28.58	20.80	49.38	74.00	-24.62	peak
6	17934.000	23.66	25.67	49.33	74.00	-24.67	peak

Test Mode:	802.11n HT40	Channel:	5710
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



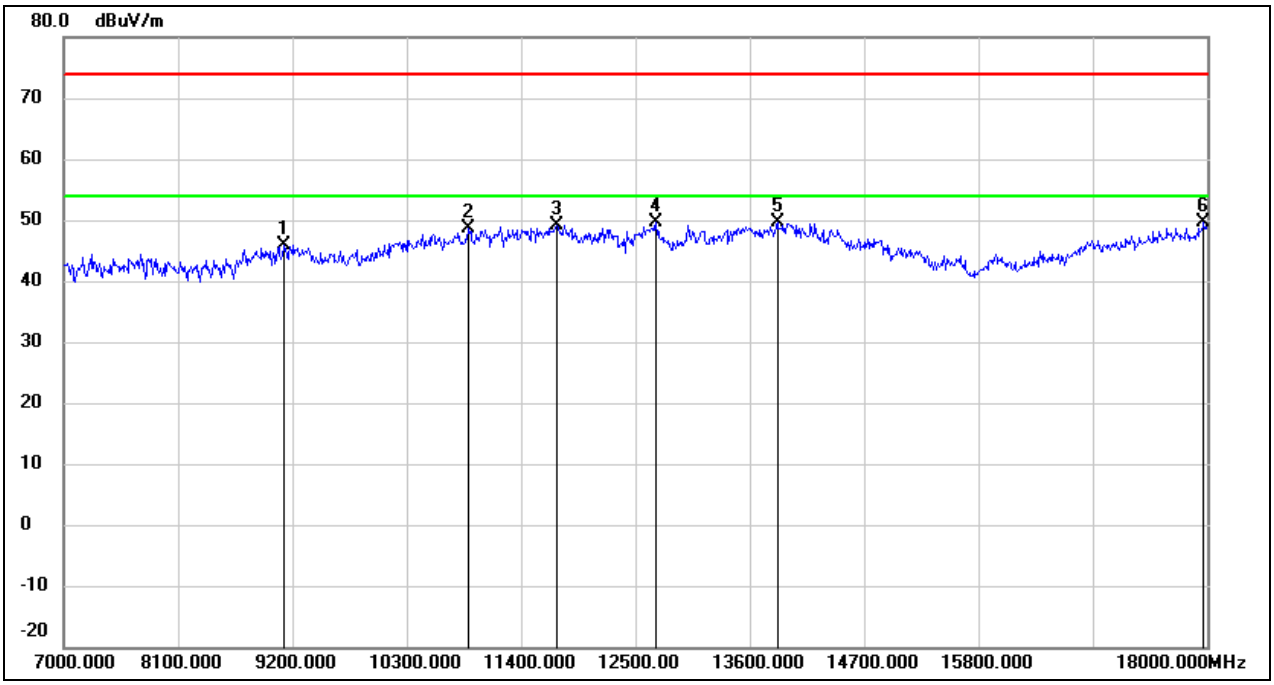
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	35.98	10.49	46.47	74.00	-27.53	peak
2	11059.000	35.16	14.96	50.12	74.00	-23.88	peak
3	12698.000	31.29	18.08	49.37	74.00	-24.63	peak
4	13380.000	29.39	20.12	49.51	74.00	-24.49	peak
5	13875.000	27.94	21.57	49.51	74.00	-24.49	peak
6	18000.000	24.07	26.12	50.19	74.00	-23.81	peak

Test Mode:	802.11n HT40	Channel:	5710
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



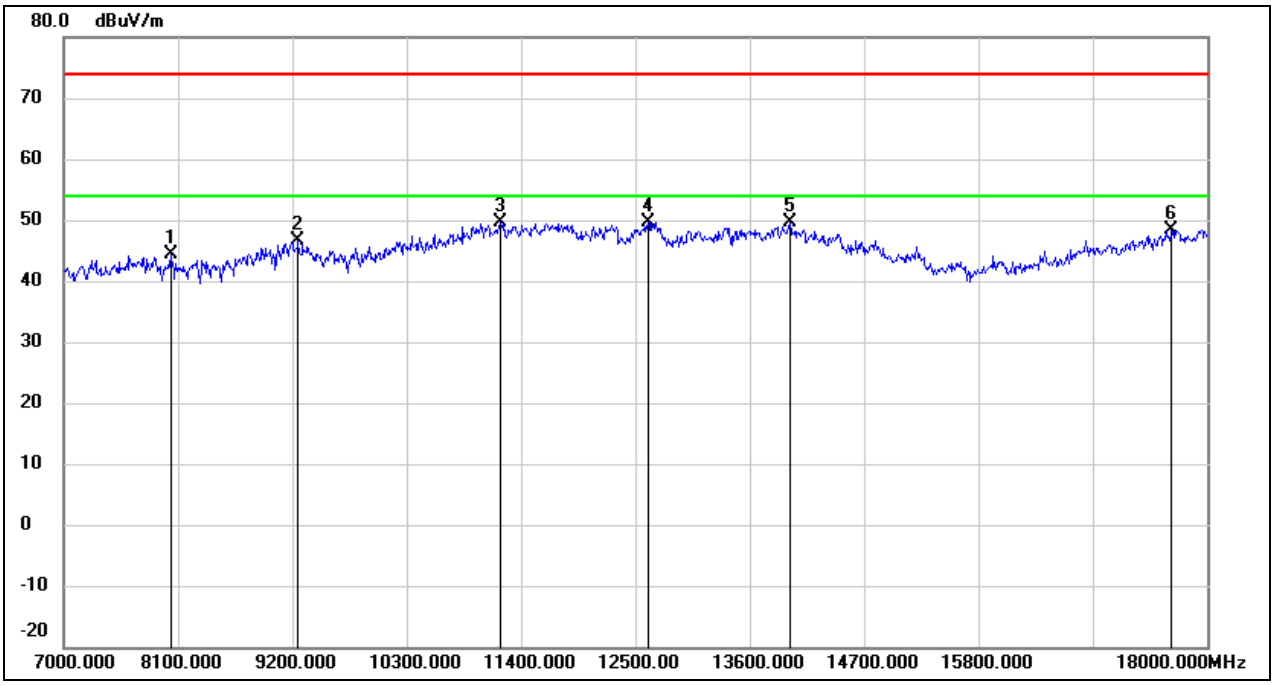
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8925.000	36.25	9.82	46.07	74.00	-27.93	peak
2	10168.000	34.34	12.13	46.47	74.00	-27.53	peak
3	11411.000	33.22	16.41	49.63	74.00	-24.37	peak
4	12687.000	32.22	18.05	50.27	74.00	-23.73	peak
5	13853.000	29.04	21.52	50.56	74.00	-23.44	peak
6	17956.000	24.35	25.82	50.17	74.00	-23.83	peak

Test Mode:	802.11n HT40	Channel:	5755
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



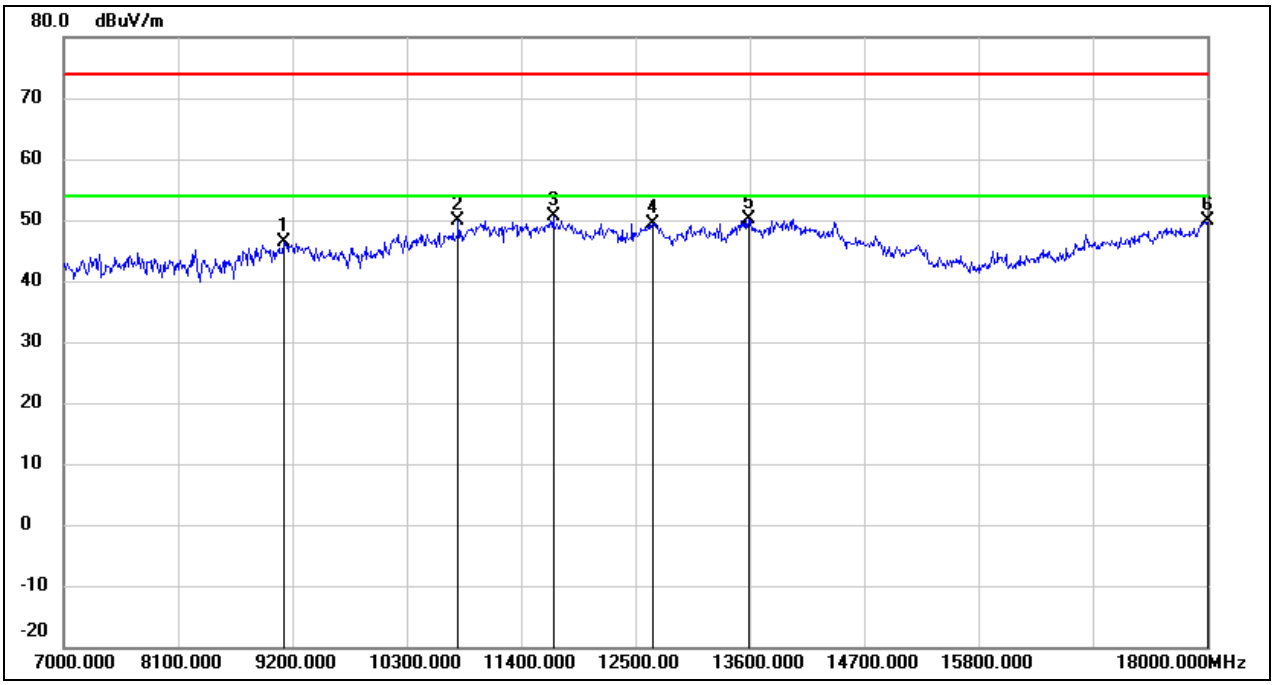
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9123.000	35.55	10.42	45.97	74.00	-28.03	peak
2	10894.000	34.34	14.32	48.66	74.00	-25.34	peak
3	11741.000	31.94	17.22	49.16	74.00	-24.84	peak
4	12698.000	31.43	18.08	49.51	74.00	-24.49	peak
5	13864.000	28.09	21.53	49.62	74.00	-24.38	peak
6	17967.000	23.74	25.89	49.63	74.00	-24.37	peak

Test Mode:	802.11n HT40	Channel:	5755
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



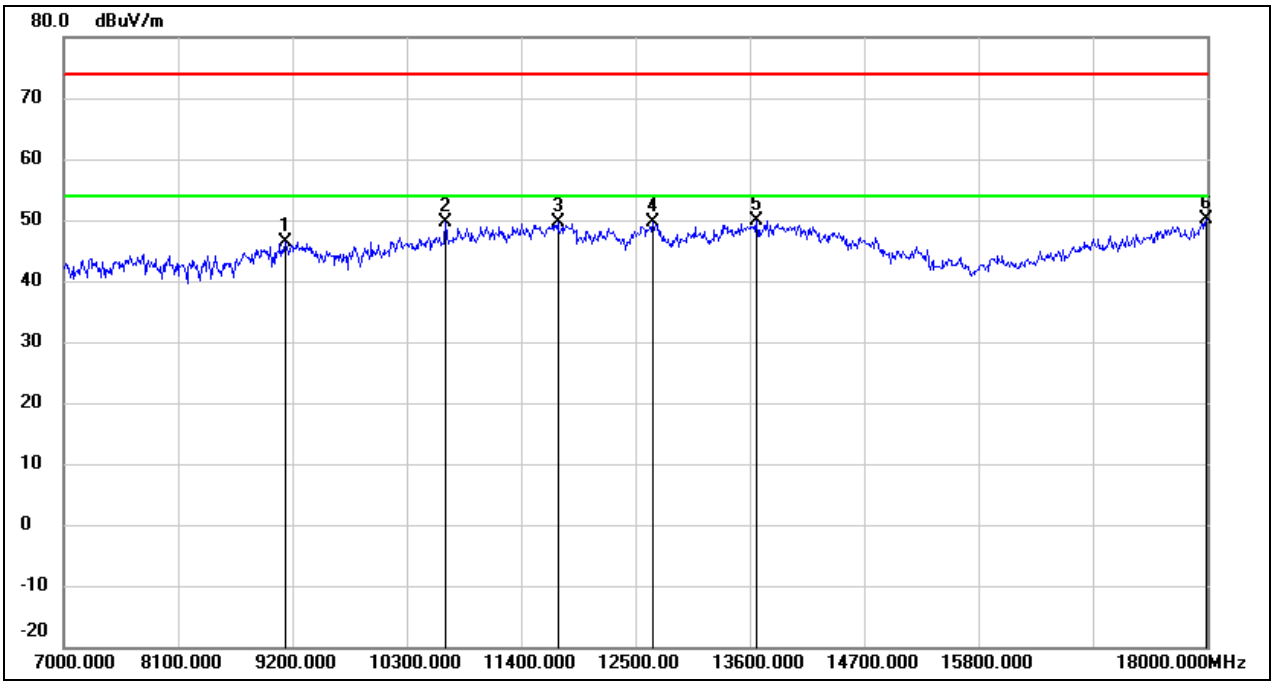
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8034.000	38.01	6.47	44.48	74.00	-29.52	peak
2	9255.000	36.22	10.51	46.73	74.00	-27.27	peak
3	11202.000	34.09	15.55	49.64	74.00	-24.36	peak
4	12621.000	31.67	17.98	49.65	74.00	-24.35	peak
5	13985.000	27.75	21.85	49.60	74.00	-24.40	peak
6	17659.000	24.70	23.78	48.48	74.00	-25.52	peak

Test Mode:	802.11n HT40	Channel:	5795
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



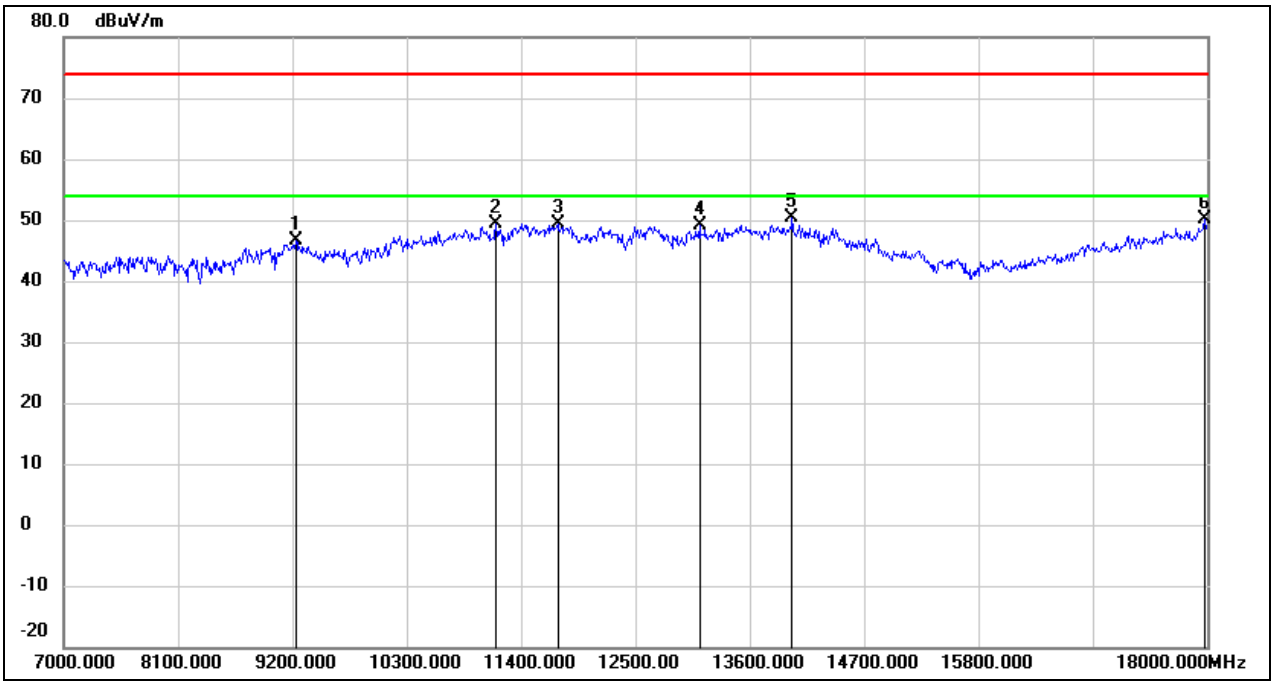
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9112.000	36.04	10.41	46.45	74.00	-27.55	peak
2	10795.000	36.02	13.94	49.96	74.00	-24.04	peak
3	11708.000	33.55	17.16	50.71	74.00	-23.29	peak
4	12665.000	31.44	18.04	49.48	74.00	-24.52	peak
5	13589.000	29.27	20.86	50.13	74.00	-23.87	peak
6	18000.000	23.66	26.12	49.78	74.00	-24.22	peak

Test Mode:	802.11n HT40	Channel:	5795
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



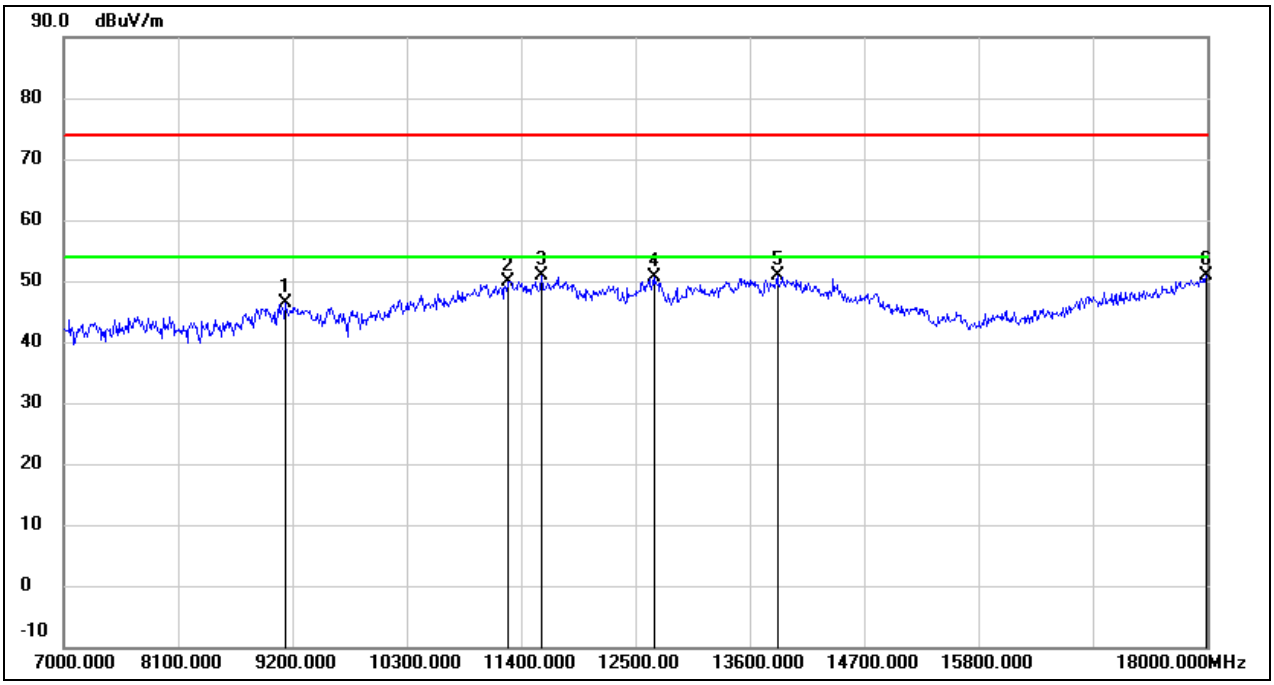
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.02	10.41	46.43	74.00	-27.57	peak
2	10674.000	36.23	13.48	49.71	74.00	-24.29	peak
3	11752.000	32.31	17.24	49.55	74.00	-24.45	peak
4	12665.000	31.59	18.04	49.63	74.00	-24.37	peak
5	13666.000	28.89	21.05	49.94	74.00	-24.06	peak
6	17989.000	24.04	26.04	50.08	74.00	-23.92	peak

Test Mode:	802.11ac VHT80	Channel:	5210
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



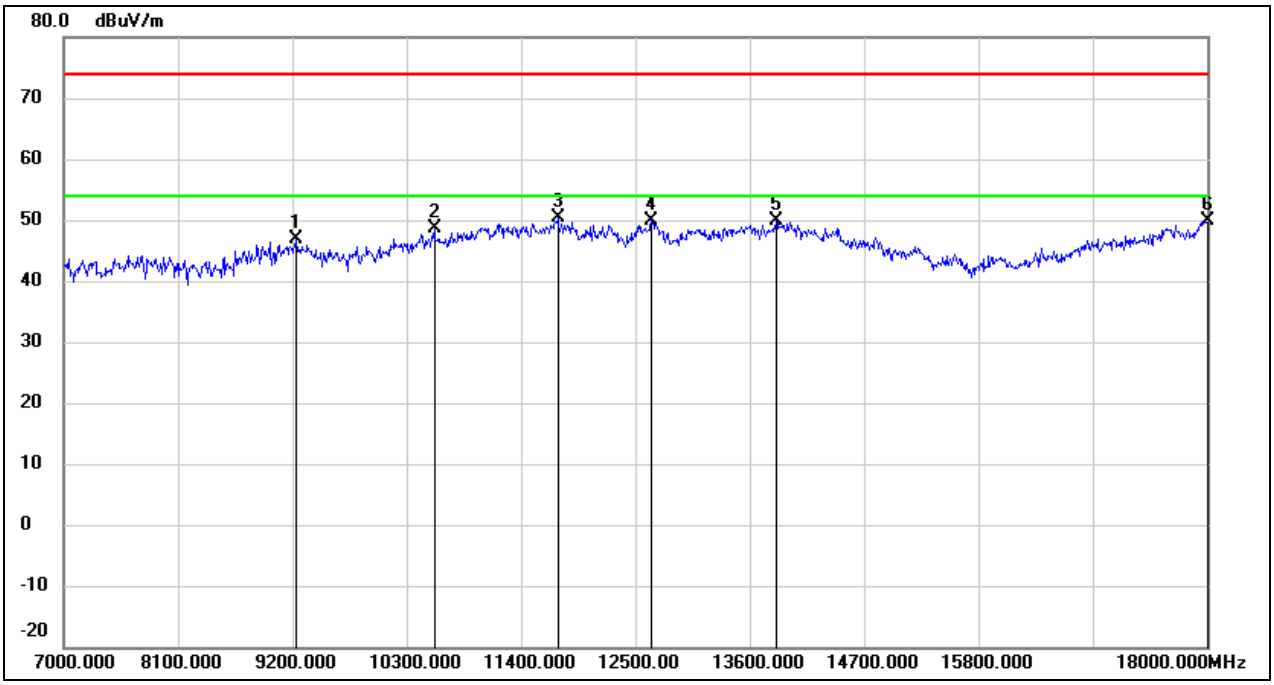
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	36.26	10.48	46.74	74.00	-27.26	peak
2	11158.000	33.89	15.37	49.26	74.00	-24.74	peak
3	11752.000	32.20	17.24	49.44	74.00	-24.56	peak
4	13116.000	30.05	18.96	49.01	74.00	-24.99	peak
5	14007.000	28.61	21.85	50.46	74.00	-23.54	peak
6	17978.000	24.06	25.97	50.03	74.00	-23.97	peak

Test Mode:	802.11ac VHT80	Channel:	5210
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



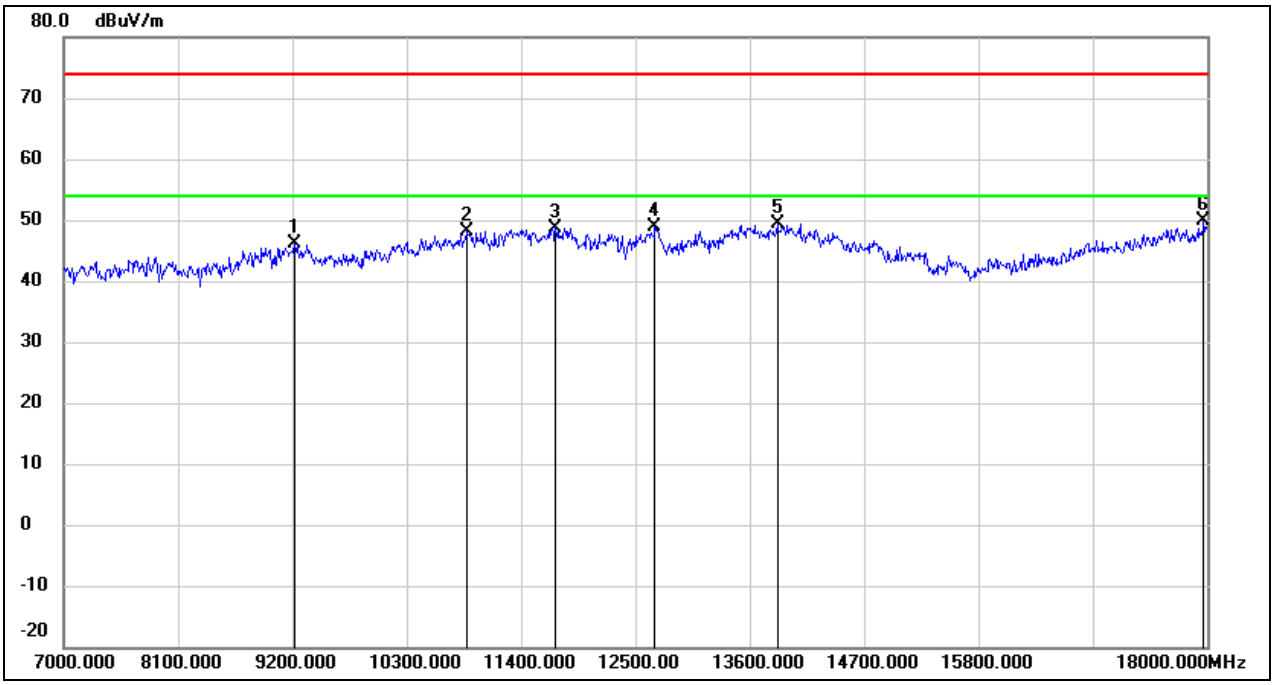
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	36.00	10.41	46.41	74.00	-27.59	peak
2	11279.000	34.08	15.86	49.94	74.00	-24.06	peak
3	11598.000	33.80	16.96	50.76	74.00	-23.24	peak
4	12676.000	32.64	18.05	50.69	74.00	-23.31	peak
5	13864.000	29.32	21.53	50.85	74.00	-23.15	peak
6	17989.000	24.83	26.04	50.87	74.00	-23.13	peak

Test Mode:	802.11ac VHT80	Channel:	5290
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



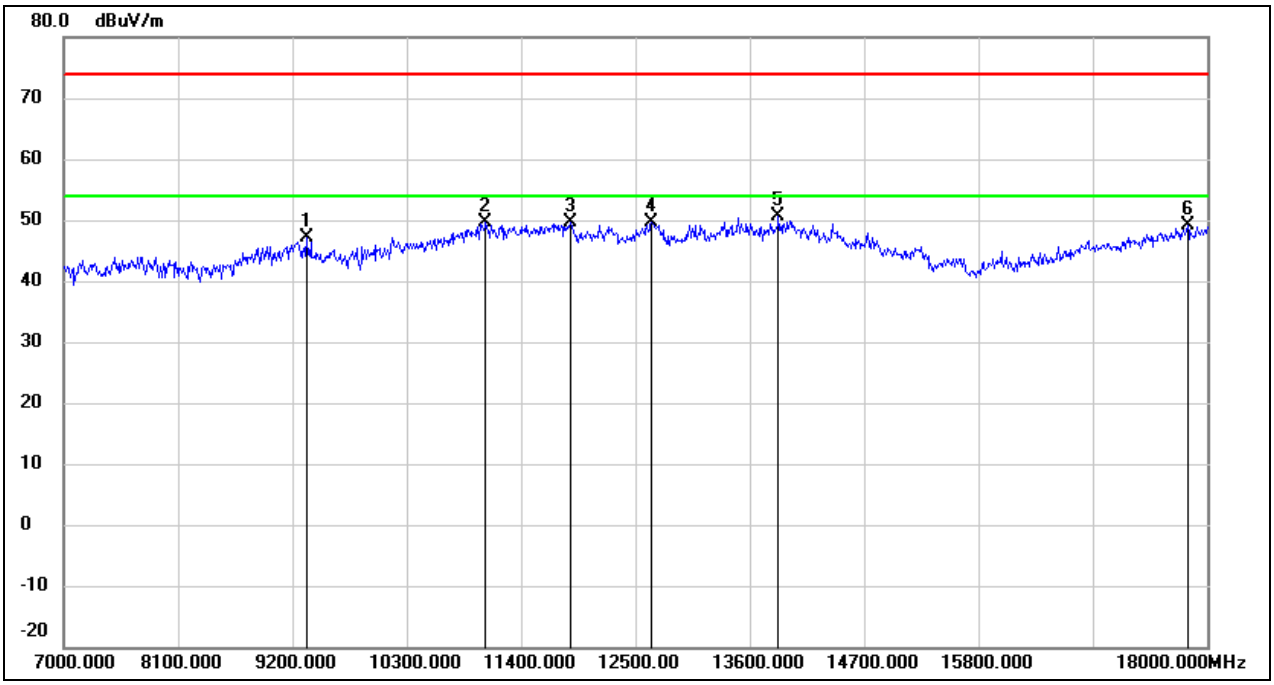
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	36.51	10.48	46.99	74.00	-27.01	peak
2	10564.000	35.54	13.06	48.60	74.00	-25.40	peak
3	11752.000	33.16	17.24	50.40	74.00	-23.60	peak
4	12654.000	31.77	18.01	49.78	74.00	-24.22	peak
5	13853.000	28.27	21.52	49.79	74.00	-24.21	peak
6	18000.000	23.83	26.12	49.95	74.00	-24.05	peak

Test Mode:	802.11ac VHT80	Channel:	5290
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



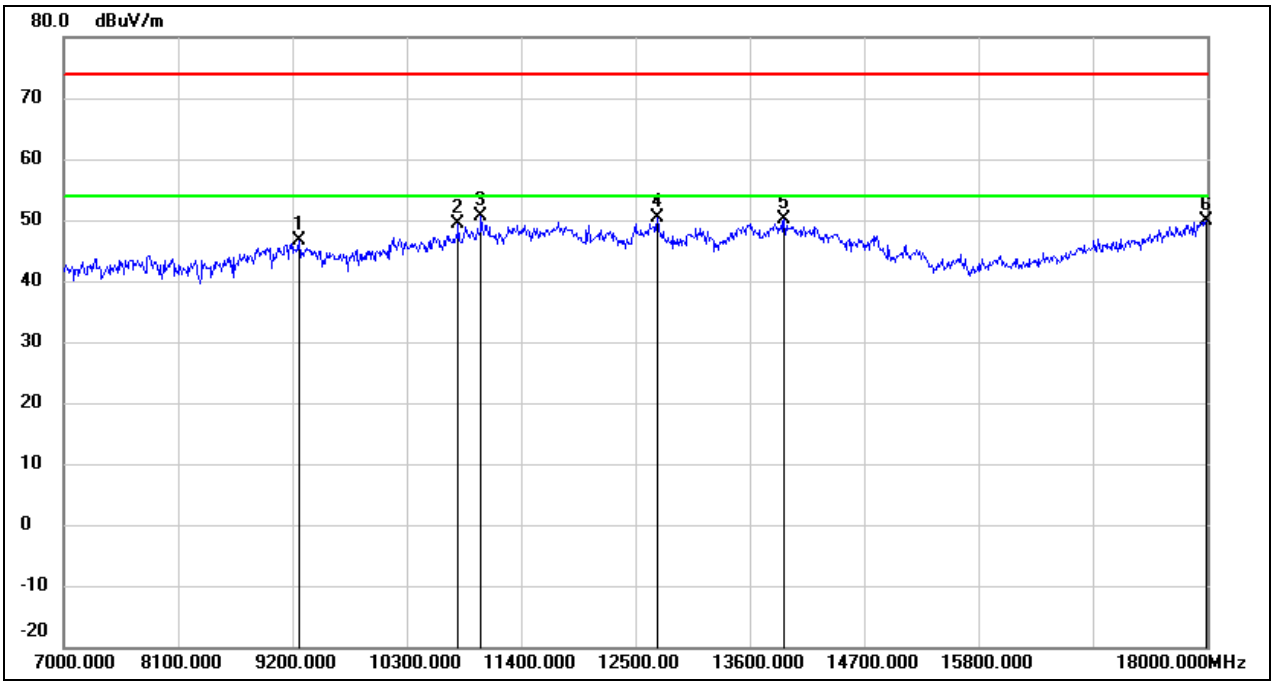
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9222.000	35.63	10.48	46.11	74.00	-27.89	peak
2	10872.000	33.78	14.23	48.01	74.00	-25.99	peak
3	11730.000	31.56	17.19	48.75	74.00	-25.25	peak
4	12687.000	30.90	18.05	48.95	74.00	-25.05	peak
5	13864.000	27.96	21.53	49.49	74.00	-24.51	peak
6	17967.000	24.11	25.89	50.00	74.00	-24.00	peak

Test Mode:	802.11ac VHT80	Channel:	5530
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



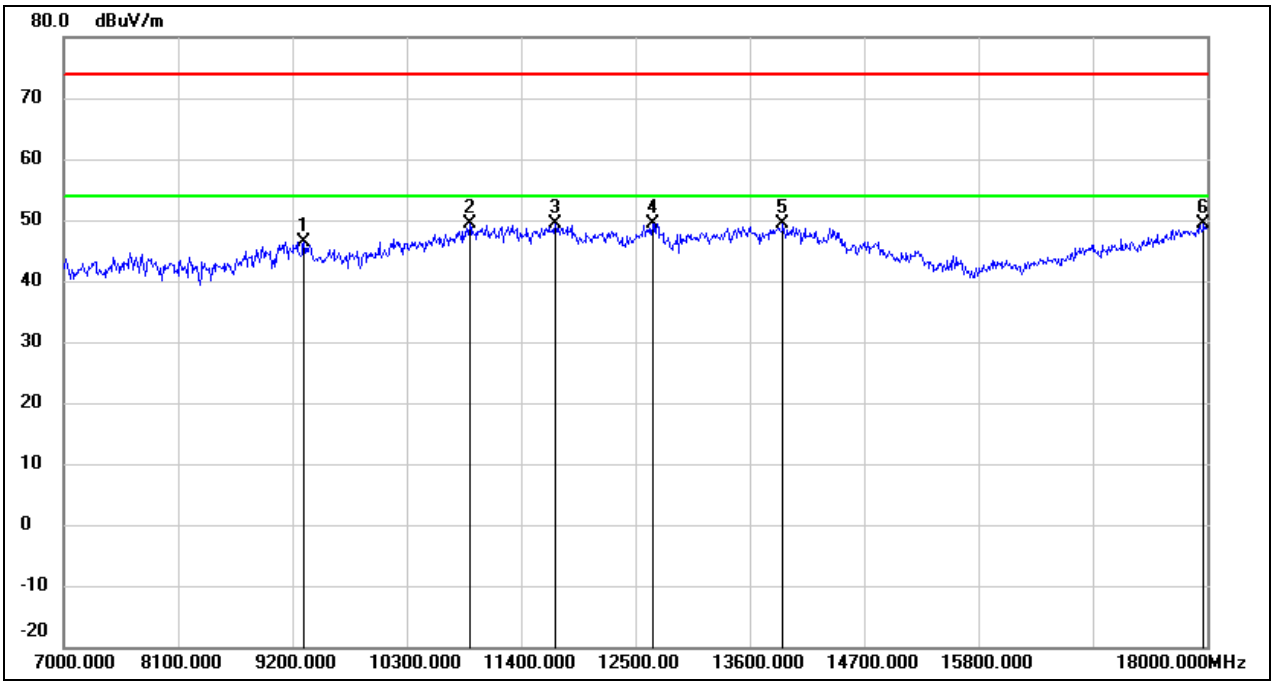
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9332.000	36.62	10.54	47.16	74.00	-26.84	peak
2	11059.000	34.60	14.96	49.56	74.00	-24.44	peak
3	11873.000	32.16	17.46	49.62	74.00	-24.38	peak
4	12654.000	31.69	18.01	49.70	74.00	-24.30	peak
5	13875.000	29.09	21.57	50.66	74.00	-23.34	peak
6	17813.000	24.23	24.84	49.07	74.00	-24.93	peak

Test Mode:	802.11ac VHT80	Channel:	5530
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



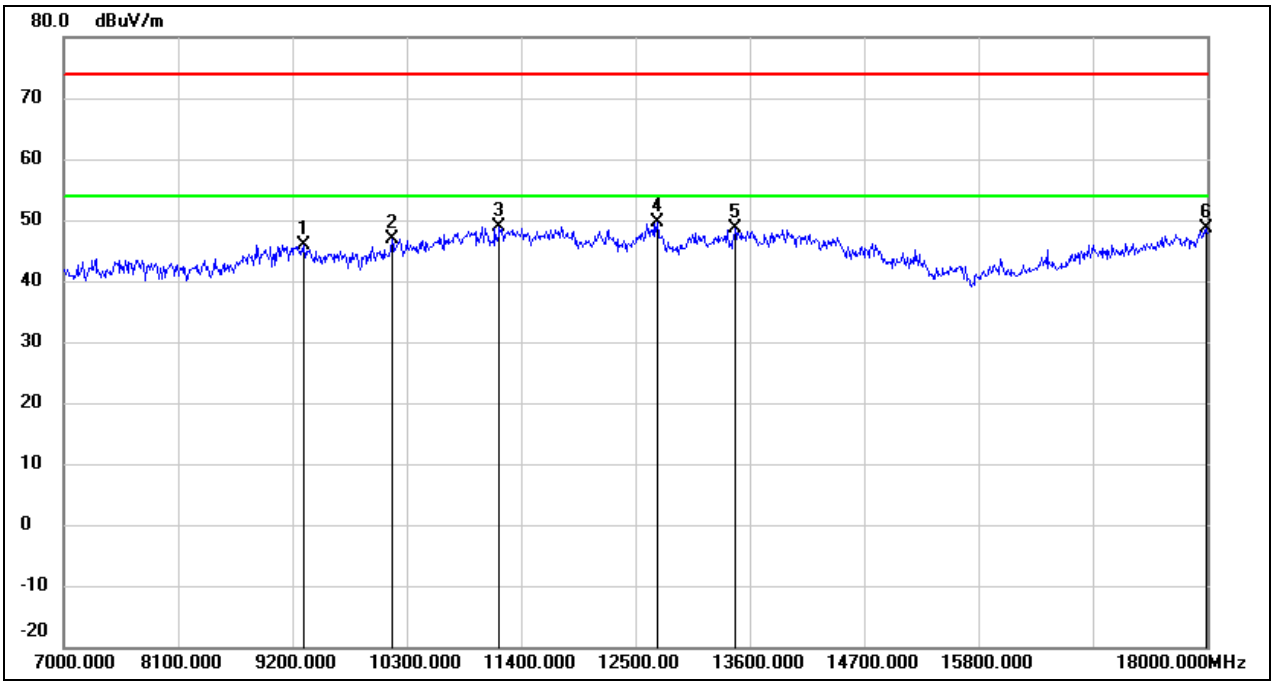
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	36.09	10.51	46.60	74.00	-27.40	peak
2	10795.000	35.40	13.94	49.34	74.00	-24.66	peak
3	11015.000	35.81	14.79	50.60	74.00	-23.40	peak
4	12709.000	32.27	18.09	50.36	74.00	-23.64	peak
5	13930.000	28.30	21.71	50.01	74.00	-23.99	peak
6	17989.000	23.84	26.04	49.88	74.00	-24.12	peak

Test Mode:	802.11ac VHT80	Channel:	5610
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



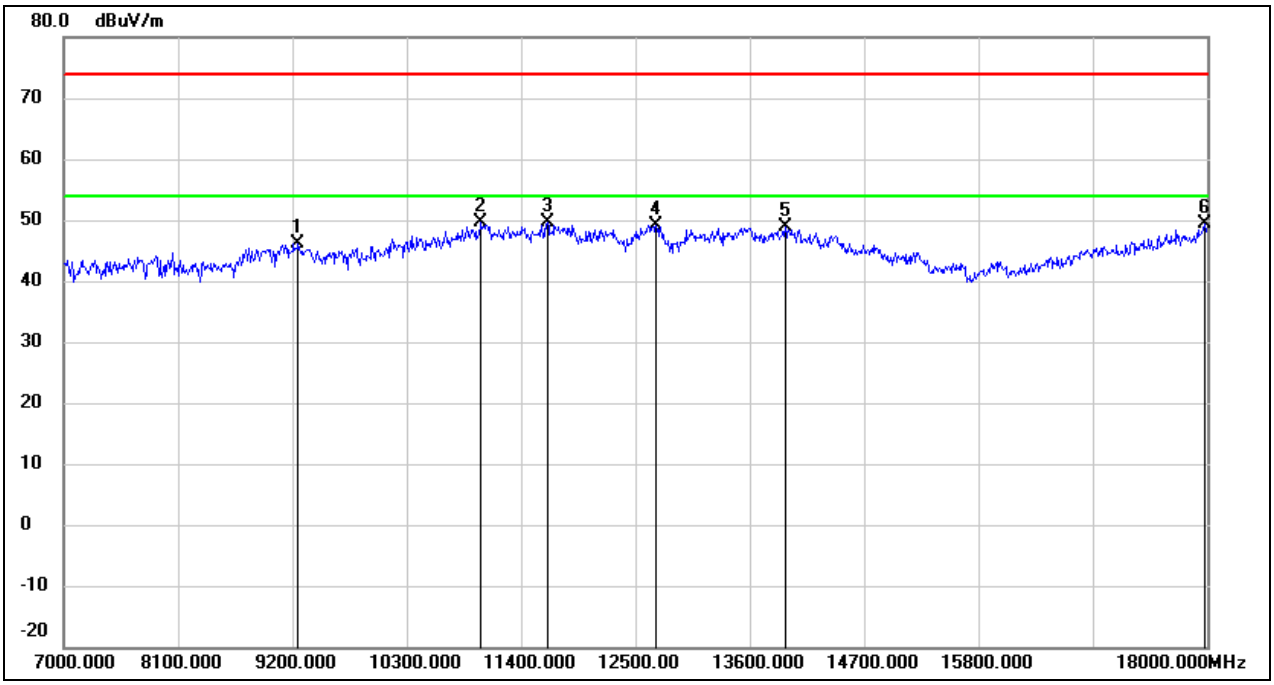
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9310.000	35.88	10.54	46.42	74.00	-27.58	peak
2	10905.000	34.95	14.36	49.31	74.00	-24.69	peak
3	11730.000	32.18	17.19	49.37	74.00	-24.63	peak
4	12665.000	31.42	18.04	49.46	74.00	-24.54	peak
5	13919.000	27.65	21.68	49.33	74.00	-24.67	peak
6	17967.000	23.52	25.89	49.41	74.00	-24.59	peak

Test Mode:	802.11ac VHT80	Channel:	5610
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



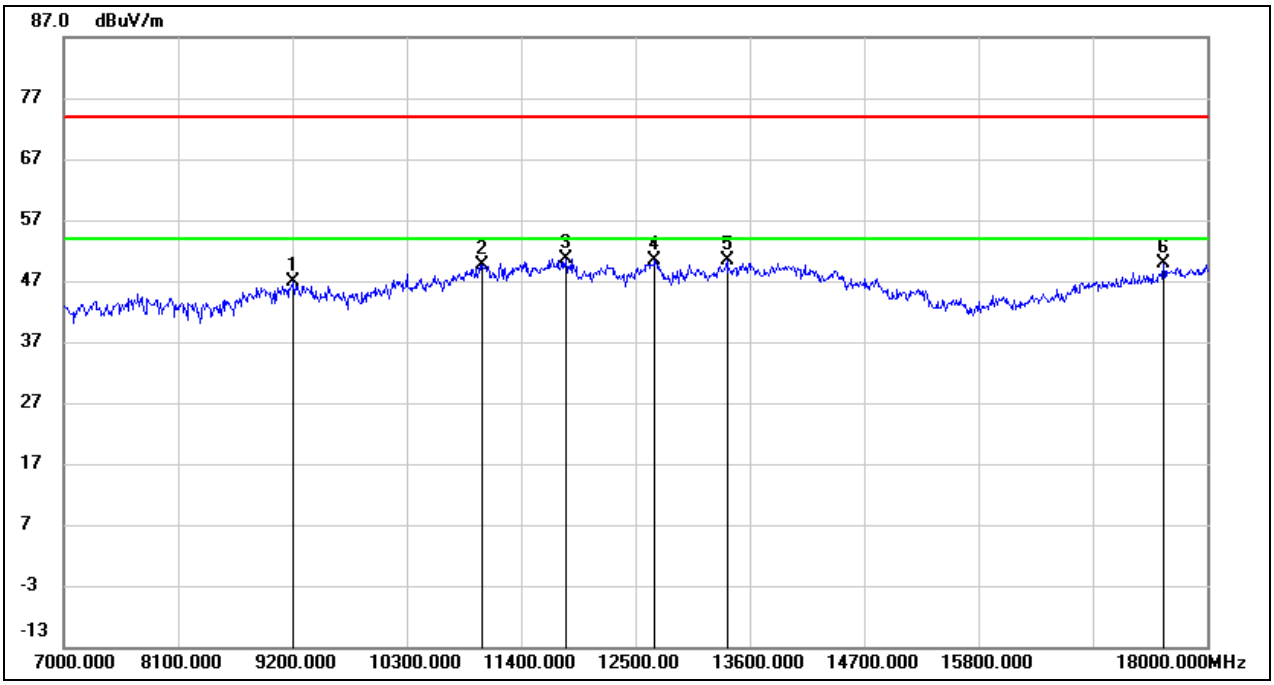
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9310.000	35.44	10.54	45.98	74.00	-28.02	peak
2	10157.000	34.75	12.10	46.85	74.00	-27.15	peak
3	11191.000	33.46	15.50	48.96	74.00	-25.04	peak
4	12709.000	31.64	18.09	49.73	74.00	-24.27	peak
5	13457.000	28.08	20.46	48.54	74.00	-25.46	peak
6	17989.000	22.65	26.04	48.69	74.00	-25.31	peak

Test Mode:	802.11ac VHT80	Channel:	5690
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



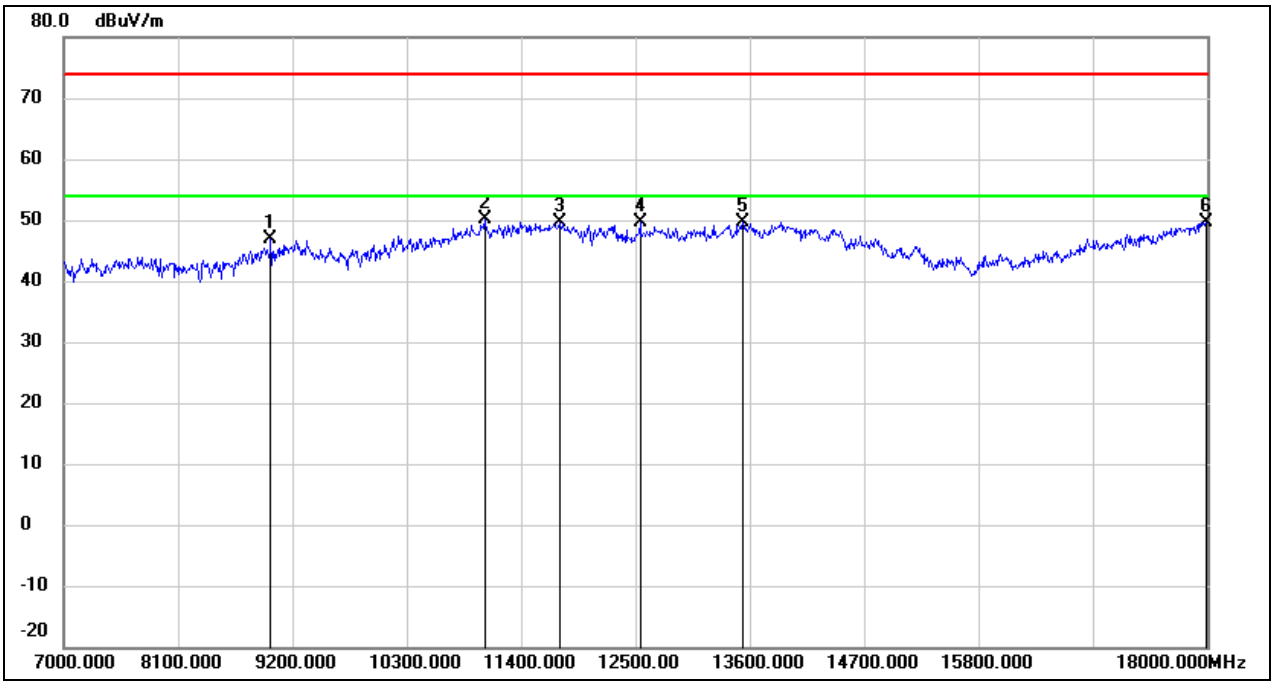
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	35.72	10.51	46.23	74.00	-27.77	peak
2	11015.000	34.77	14.79	49.56	74.00	-24.44	peak
3	11653.000	32.58	17.05	49.63	74.00	-24.37	peak
4	12698.000	31.16	18.08	49.24	74.00	-24.76	peak
5	13941.000	27.09	21.73	48.82	74.00	-25.18	peak
6	17978.000	23.39	25.97	49.36	74.00	-24.64	peak

Test Mode:	802.11ac VHT80	Channel:	5690
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



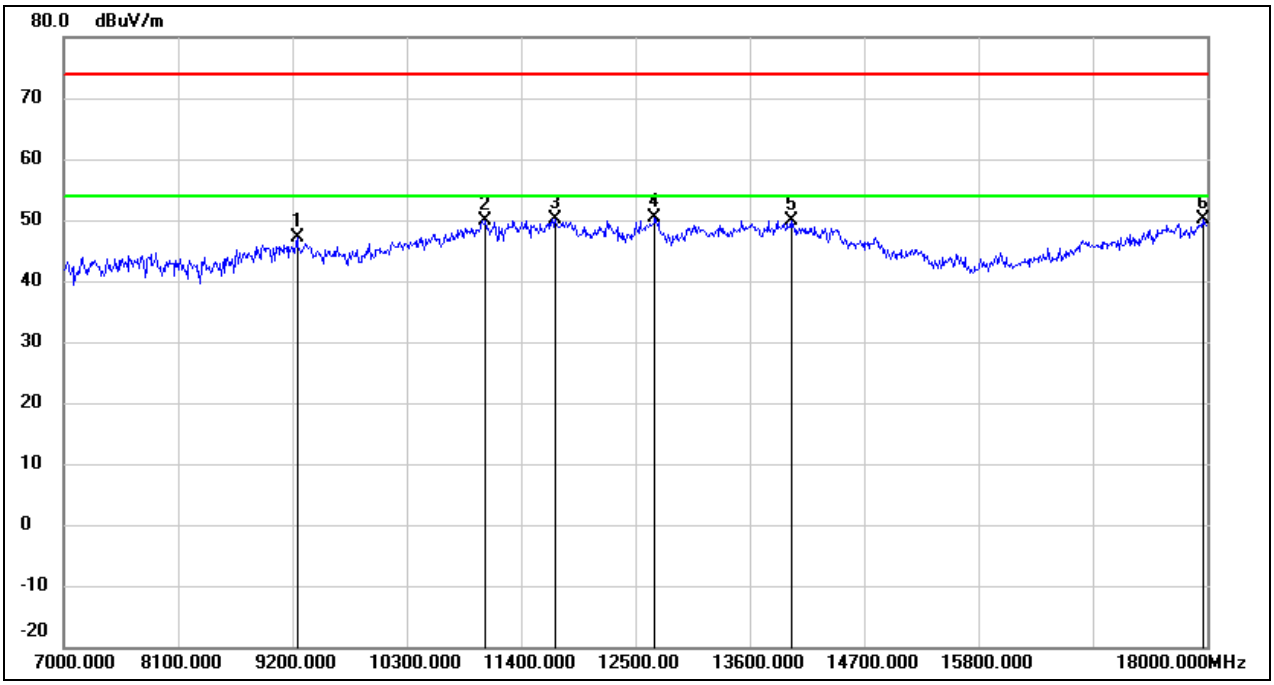
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9211.000	36.30	10.47	46.77	74.00	-27.23	peak
2	11026.000	34.91	14.82	49.73	74.00	-24.27	peak
3	11829.000	33.34	17.38	50.72	74.00	-23.28	peak
4	12687.000	32.33	18.05	50.38	74.00	-23.62	peak
5	13380.000	30.17	20.12	50.29	74.00	-23.71	peak
6	17582.000	26.58	23.26	49.84	74.00	-24.16	peak

Test Mode:	802.11ac VHT80	Channel:	5775
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	36.51	10.28	46.79	74.00	-27.21	peak
2	11048.000	35.14	14.91	50.05	74.00	-23.95	peak
3	11774.000	32.28	17.28	49.56	74.00	-24.44	peak
4	12544.000	31.84	17.88	49.72	74.00	-24.28	peak
5	13534.000	28.87	20.73	49.60	74.00	-24.40	peak
6	17989.000	23.55	26.04	49.59	74.00	-24.41	peak

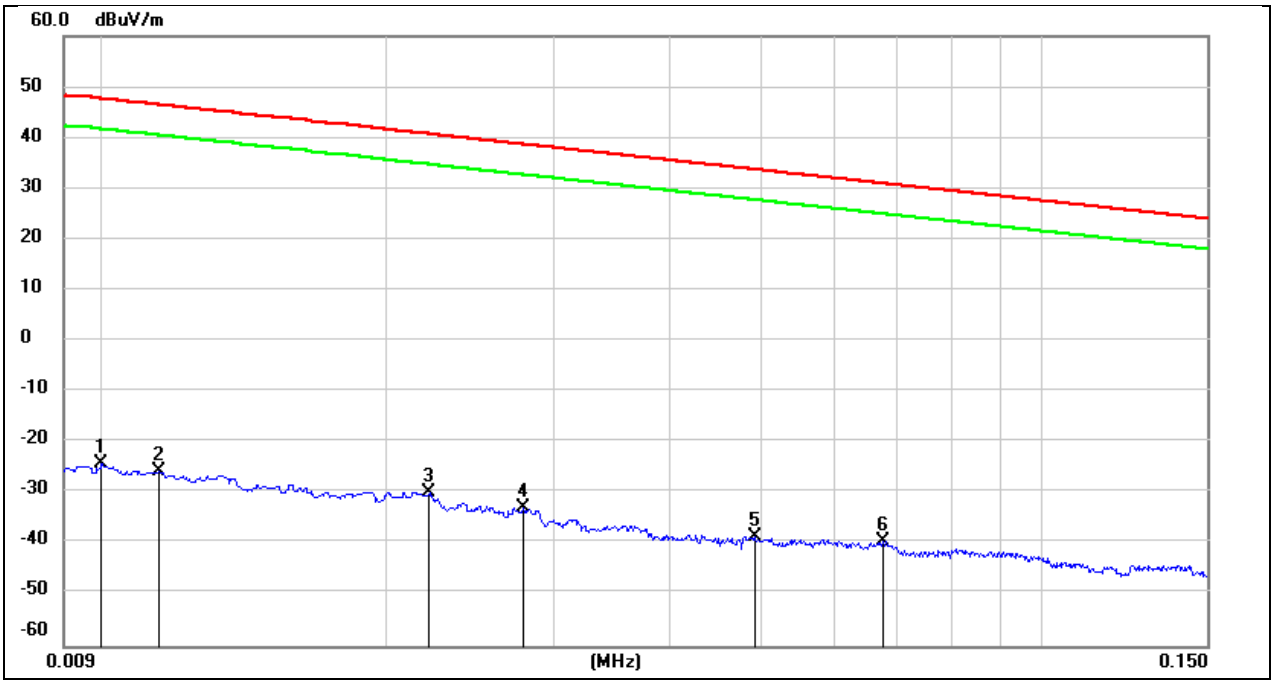
Test Mode:	802.11ac VHT80	Channel:	5775
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	36.56	10.49	47.05	74.00	-26.95	peak
2	11059.000	34.95	14.96	49.91	74.00	-24.09	peak
3	11730.000	32.97	17.19	50.16	74.00	-23.84	peak
4	12687.000	32.21	18.05	50.26	74.00	-23.74	peak
5	13996.000	28.09	21.87	49.96	74.00	-24.04	peak
6	17956.000	24.30	25.82	50.12	74.00	-23.88	peak

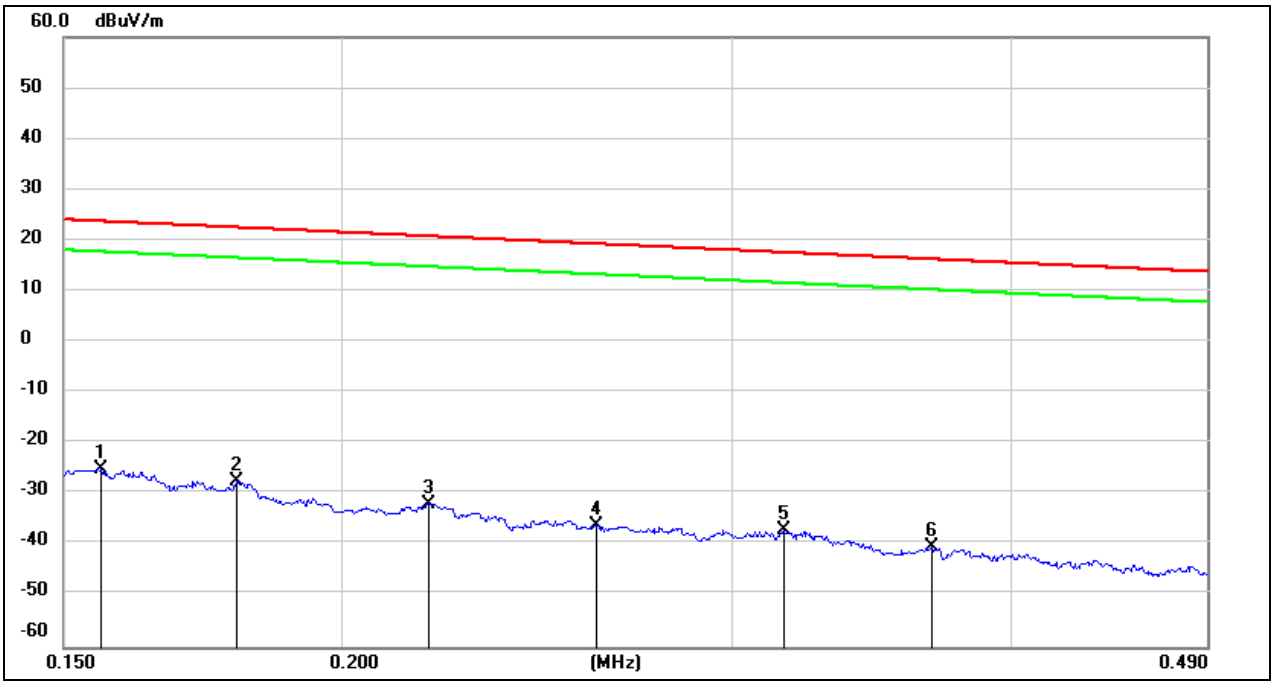
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	AC 120V_60HZ



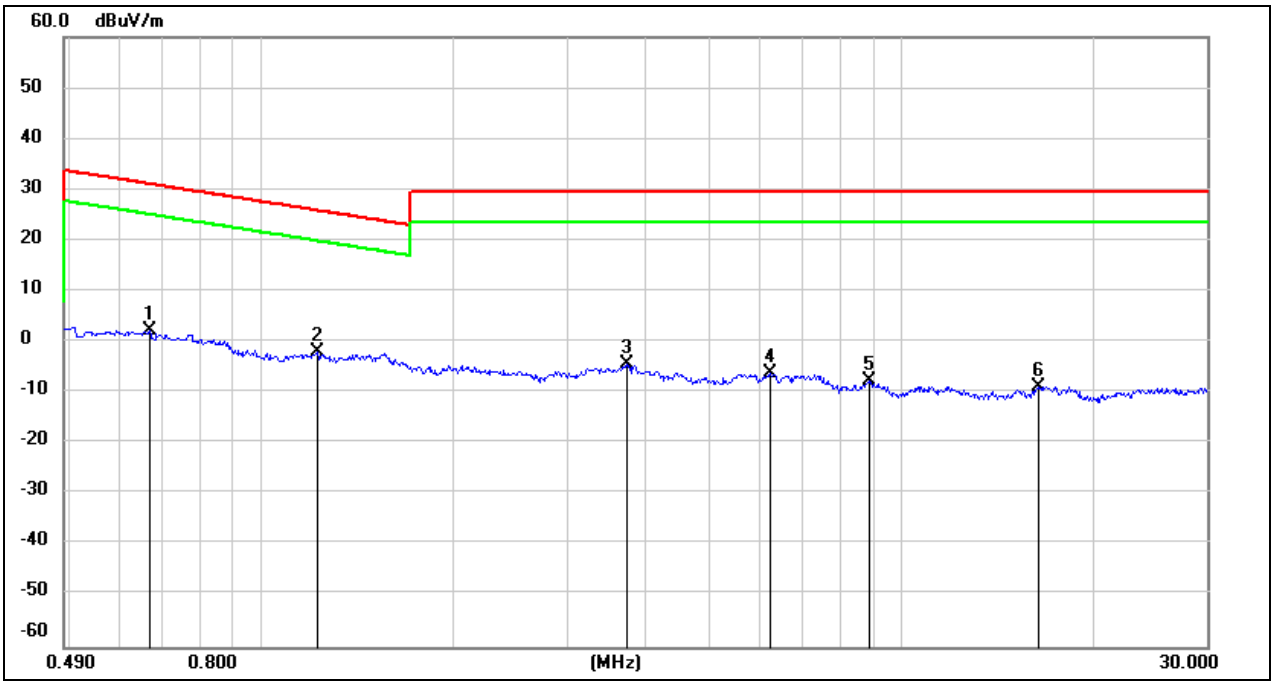
No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.01	77.22	-101.4	-24.18	47.6	-75.68	-3.9	-71.78	peak
2	0.0114	75.88	-101.4	-25.52	46.46	-77.02	-5.04	-71.98	peak
3	0.0221	71.63	-101.35	-29.72	40.71	-81.22	-10.79	-70.43	peak
4	0.0279	68.67	-101.38	-32.71	38.69	-84.21	-12.81	-71.4	peak
5	0.0492	63.05	-101.47	-38.42	33.76	-89.92	-17.74	-72.18	peak
6	0.0675	62.14	-101.56	-39.42	31.02	-90.92	-20.48	-70.44	peak

Test Mode:	802.11a20	Channel:	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	0.1559	76.65	-101.65	-25	23.74	-76.5	-27.76	-48.74	peak
2	0.1794	74.27	-101.68	-27.41	22.53	-78.91	-28.97	-49.94	peak
3	0.219	69.77	-101.75	-31.98	20.79	-83.48	-30.71	-52.77	peak
4	0.2605	65.64	-101.81	-36.17	19.28	-87.67	-32.22	-55.45	peak
5	0.3163	64.7	-101.87	-37.17	17.6	-88.67	-33.9	-54.77	peak
6	0.3684	61.48	-101.93	-40.45	16.27	-91.95	-35.23	-56.72	peak

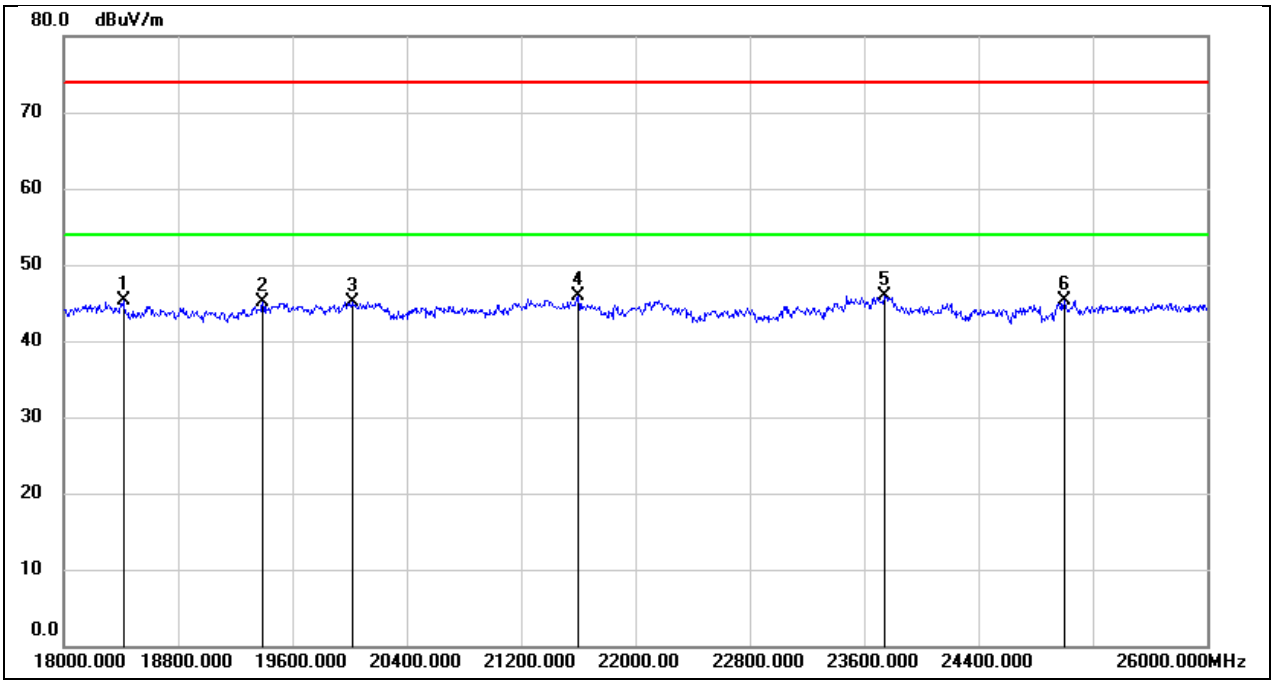
Test Mode:	802.11a20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	AC 120V_60HZ



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	0.6671	64.25	-62.1	2.15	31.12	-49.35	-20.38	-28.97	peak
2	1.2214	60.12	-62.16	-2.04	25.87	-53.54	-25.63	-27.91	peak
3	3.71	57.2	-61.41	-4.21	29.54	-55.71	-21.96	-33.75	peak
4	6.2445	55.13	-61.32	-6.19	29.54	-57.69	-21.96	-35.73	peak
5	8.9001	53.41	-60.95	-7.54	29.54	-59.04	-21.96	-37.08	peak
6	16.3959	52.17	-60.96	-8.79	29.54	-60.29	-21.96	-38.33	peak

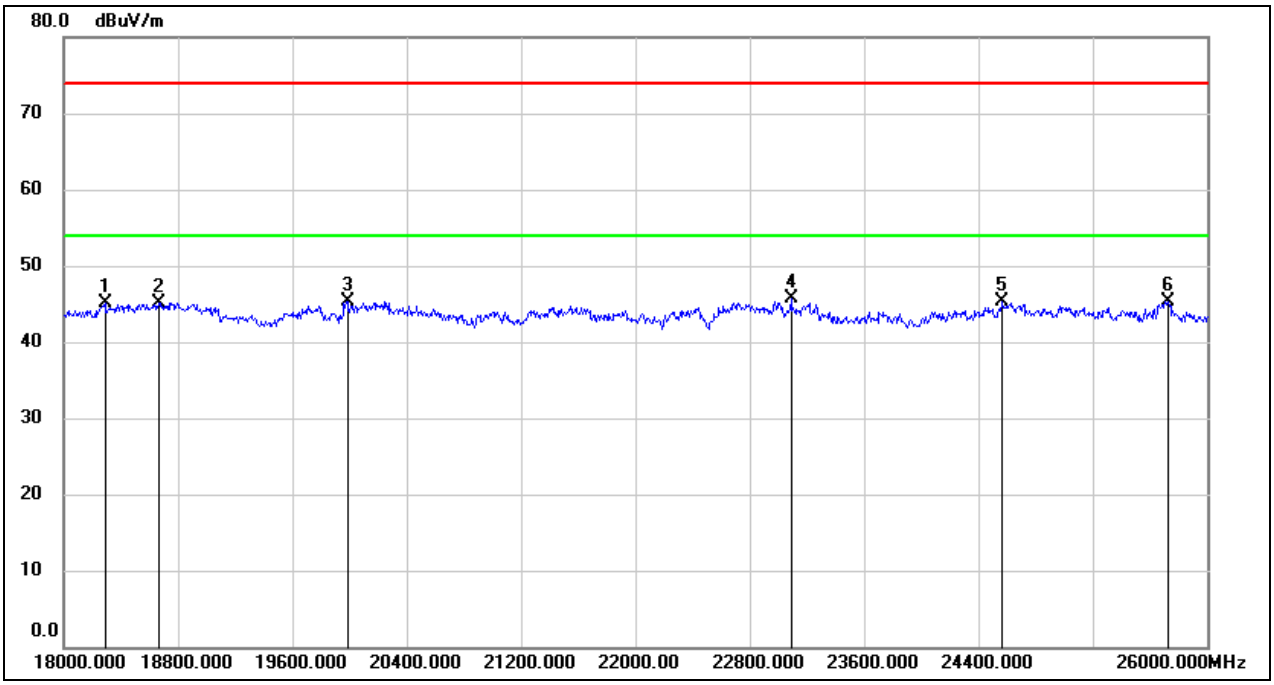
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Channel:	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	18416.000	50.73	-5.35	45.38	74.00	-28.62	peak
2	19392.000	50.62	-5.57	45.05	74.00	-28.95	peak
3	20016.000	50.56	-5.47	45.09	74.00	-28.91	peak
4	21600.000	50.52	-4.54	45.98	74.00	-28.02	peak
5	23744.000	49.15	-3.20	45.95	74.00	-28.05	peak
6	25000.000	47.36	-2.10	45.26	74.00	-28.74	peak

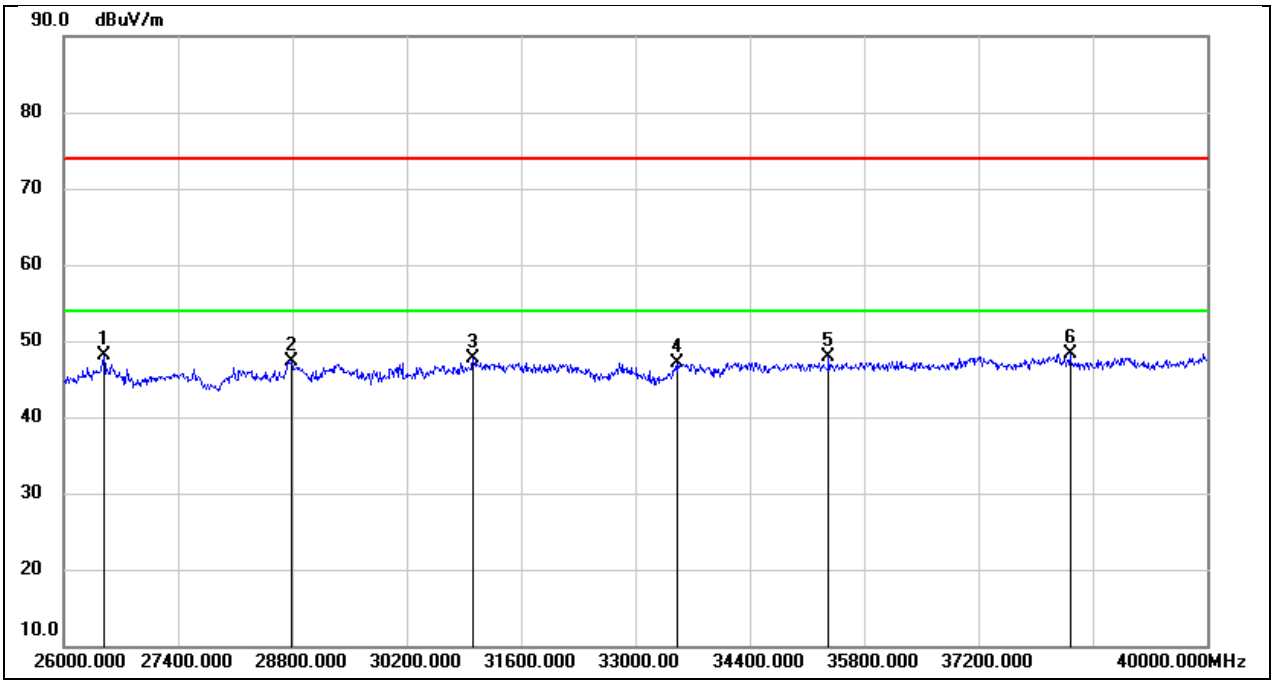
Test Mode:	802.11a 20	Channel:	5180
Polarity:	Vertical	Test Voltage:	AC 120V_60HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18288.000	50.69	-5.50	45.19	74.00	-28.81	peak
2	18664.000	50.55	-5.37	45.18	74.00	-28.82	peak
3	19984.000	50.71	-5.44	45.27	74.00	-28.73	peak
4	23088.000	49.02	-3.41	45.61	74.00	-28.39	peak
5	24568.000	47.60	-2.33	45.27	74.00	-28.73	peak
6	25728.000	46.11	-0.72	45.39	74.00	-28.61	peak

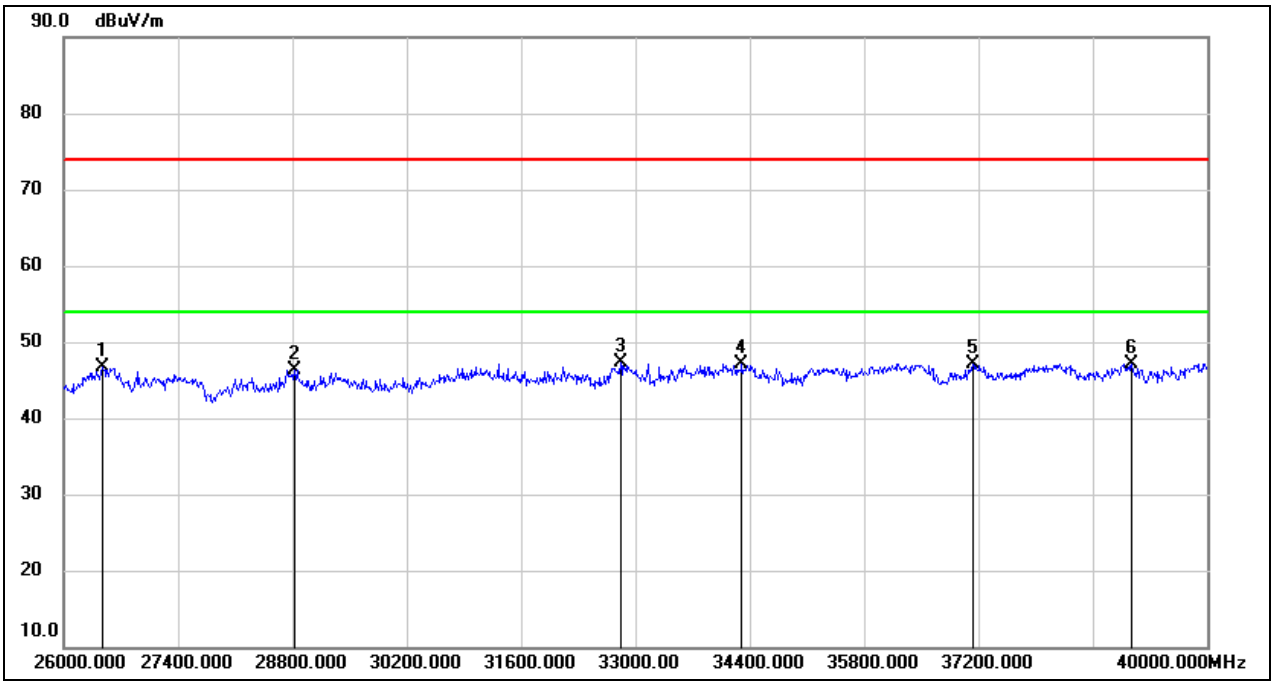
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Channel:	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	52.79	-4.74	48.05	74.00	-25.95	peak
2	28786.000	47.99	-0.64	47.35	74.00	-26.65	peak
3	31012.000	48.33	-0.71	47.62	74.00	-26.38	peak
4	33518.000	46.52	0.56	47.08	74.00	-26.92	peak
5	35366.000	45.40	2.59	47.99	74.00	-26.01	peak
6	38320.000	44.56	3.77	48.33	74.00	-25.67	peak

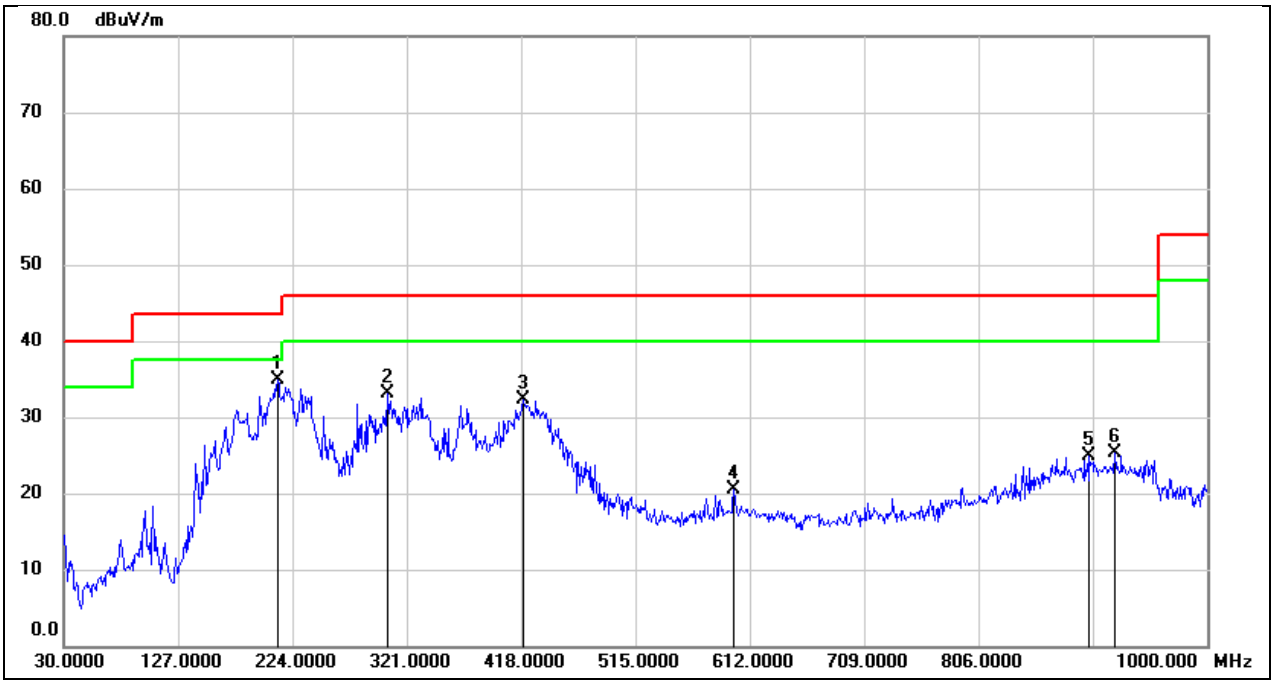
Test Mode:	802.11a 20	Channel:	5180
Polarity:	Vertical	Test Voltage:	AC 120V_60HZ



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	51.53	-4.78	46.75	74.00	-27.25	peak
2	28828.000	47.13	-0.79	46.34	74.00	-27.66	peak
3	32818.000	48.31	-1.08	47.23	74.00	-26.77	peak
4	34302.000	45.95	1.10	47.05	74.00	-26.95	peak
5	37130.000	44.03	3.17	47.20	74.00	-26.80	peak
6	39076.000	42.87	4.29	47.16	74.00	-26.84	peak

8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11a 20	Channel:	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	211.3900	51.94	-17.10	34.84	43.50	-8.66	QP
2	304.5100	48.15	-15.08	33.07	46.00	-12.93	QP
3	419.9400	44.71	-12.49	32.22	46.00	-13.78	QP
4	598.4200	29.85	-9.30	20.55	46.00	-25.45	QP
5	900.0900	29.67	-4.81	24.86	46.00	-21.14	QP
6	921.4300	29.88	-4.64	25.24	46.00	-20.76	QP

Test Mode:	802.11a 20	Channel:	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	51.3400	49.21	-20.53	28.68	40.00	-11.32	QP
2	96.9300	48.69	-21.58	27.11	43.50	-16.39	QP
3	182.2899	45.27	-16.51	28.76	43.50	-14.74	QP
4	216.2400	47.90	-17.33	30.57	46.00	-15.43	QP
5	334.5799	40.03	-13.64	26.39	46.00	-19.61	QP
6	385.0200	38.70	-12.88	25.82	46.00	-20.18	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

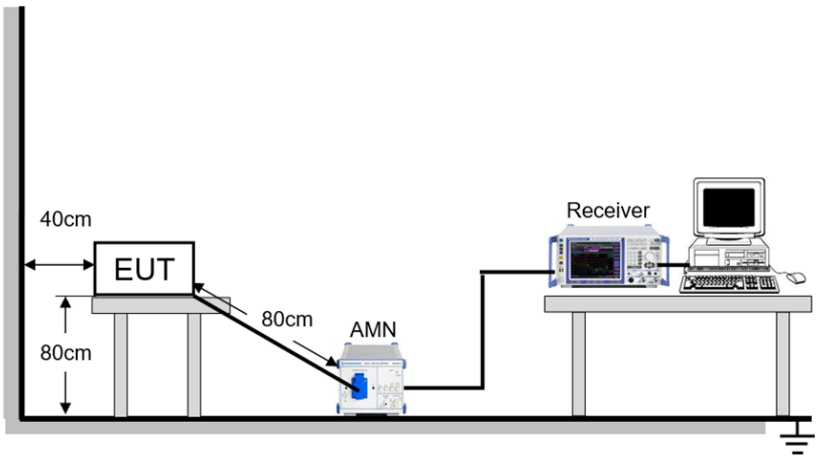
TEST PROCEDURE

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	26.5℃	Relative Humidity	50%

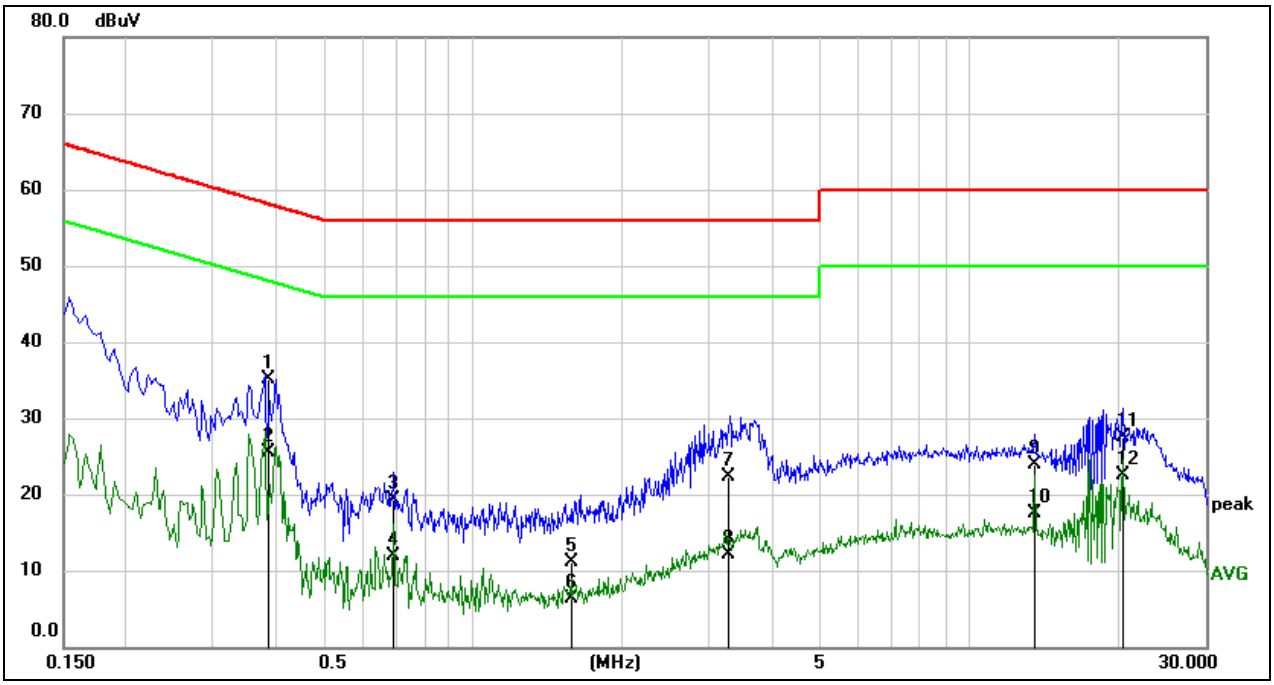
Atmosphere Pressure	101kPa	Test Voltage	AC 120V, 60 Hz

TEST DATE / ENGINEER

Test Date	July 13, 2023	Test By	Andy Wan

TEST RESULTS

Test Mode:	802.11a	Channel:	5180
Line:	Line		

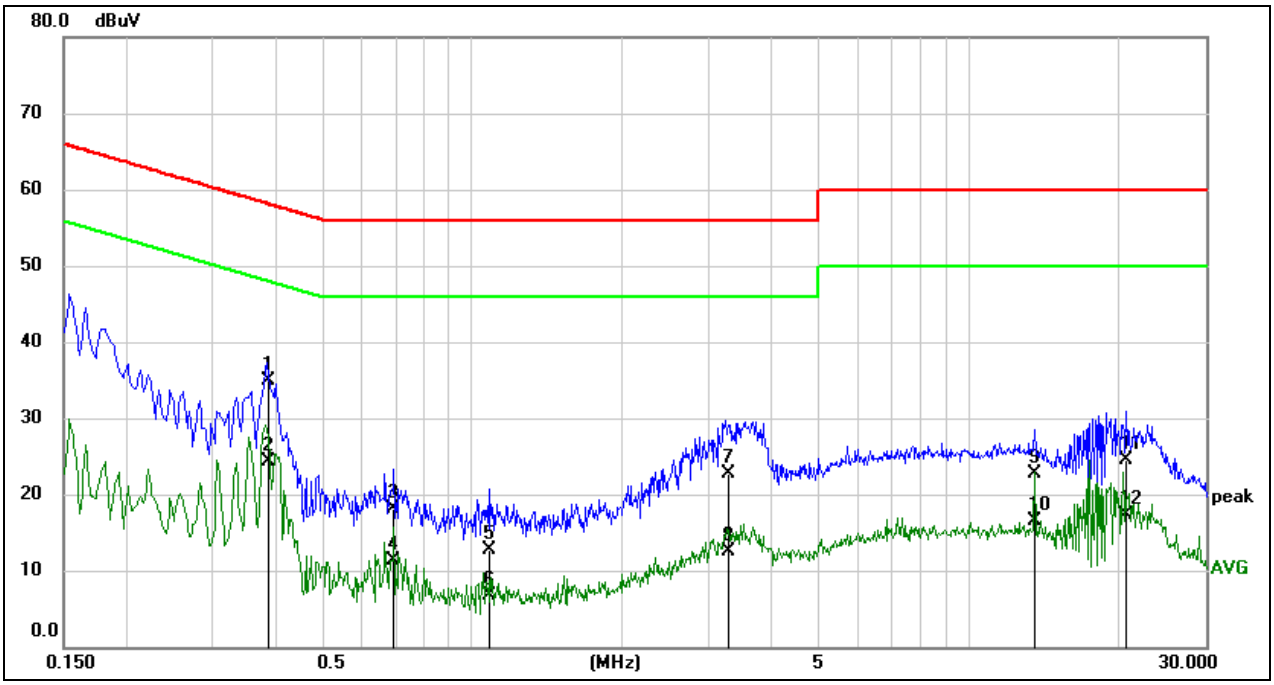


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3864	25.51	9.59	35.10	58.14	-23.04	QP
2	0.3864	15.96	9.59	25.55	48.14	-22.59	AVG
3	0.6923	9.71	9.60	19.31	56.00	-36.69	QP
4	0.6923	2.35	9.60	11.95	46.00	-34.05	AVG
5	1.5799	1.40	9.62	11.02	56.00	-44.98	QP
6	1.5799	-3.24	9.62	6.38	46.00	-39.62	AVG
7	3.2697	12.63	9.67	22.30	56.00	-33.70	QP
8	3.2697	2.50	9.67	12.17	46.00	-33.83	AVG
9	13.5629	14.19	9.76	23.95	60.00	-36.05	QP
10	13.5629	7.69	9.76	17.45	50.00	-32.55	AVG
11	20.4216	17.72	9.83	27.55	60.00	-32.45	QP
12	20.4216	12.73	9.83	22.56	50.00	-27.44	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	Channel:	5180
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.3871	25.41	9.53	34.94	58.13	-23.19	QP
2	0.3871	14.82	9.53	24.35	48.13	-23.78	AVG
3	0.6894	8.52	9.50	18.02	56.00	-37.98	QP
4	0.6894	1.80	9.50	11.30	46.00	-34.70	AVG
5	1.0821	3.15	9.52	12.67	56.00	-43.33	QP
6	1.0821	-2.79	9.52	6.73	46.00	-39.27	AVG
7	3.2959	13.15	9.61	22.76	56.00	-33.24	QP
8	3.2959	2.85	9.61	12.46	46.00	-33.54	AVG
9	13.5638	13.09	9.66	22.75	60.00	-37.25	QP
10	13.5638	6.90	9.66	16.56	50.00	-33.44	AVG
11	20.7131	14.76	9.74	24.50	60.00	-35.50	QP
12	20.7131	7.47	9.74	17.21	50.00	-32.79	AVG

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

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

10. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC part 15.407(a)
For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

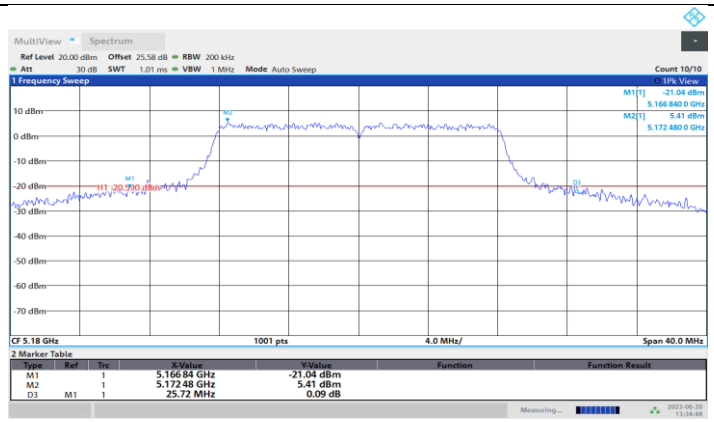
11. TEST DATA

11.1. APPENDIX A: EMISSION BANDWIDTH

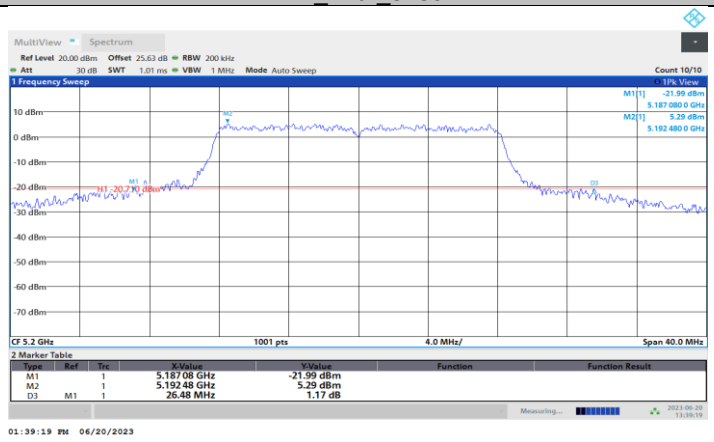
11.1.1. Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	25.72	5166.84	5192.56	PASS
		5200	26.48	5187.08	5213.56	PASS
		5240	25.40	5226.84	5252.24	PASS
		5260	25.80	5246.16	5271.96	PASS
		5280	25.88	5266.08	5291.96	PASS
		5320	26.24	5306.08	5332.32	PASS
		5500	27.24	5485.36	5512.60	PASS
		5580	23.92	5567.68	5591.60	PASS
		5700	25.96	5686.80	5712.76	PASS
		5720	25.16	5707.12	5732.28	PASS
		5720_UNII-2C	17.88	5707.12	5725	PASS
		5720_UNII-3	7.28	5725	5732.28	PASS
		5745	24.80	5731.84	5756.64	PASS
		5785	26.88	5770.44	5797.32	PASS
		5825	22.92	5812.72	5835.64	PASS
11N20SISO	Ant1	5180	24.08	5167.80	5191.88	PASS
		5200	26.00	5185.92	5211.92	PASS
		5240	27.44	5226.44	5253.88	PASS
		5260	26.00	5246.60	5272.60	PASS
		5280	26.80	5265.80	5292.60	PASS
		5320	27.68	5306.04	5333.72	PASS
		5500	25.88	5486.40	5512.28	PASS
		5580	26.76	5566.72	5593.48	PASS
		5700	25.32	5687.28	5712.60	PASS
		5720	25.52	5707.08	5732.60	PASS
		5720_UNII-2C	17.92	5707.08	5725	PASS
		5720_UNII-3	7.6	5725	5732.60	PASS
		5745	27.44	5730.16	5757.60	PASS
		5785	28.80	5769.96	5798.76	PASS
		5825	26.72	5811.12	5837.84	PASS
11N40SISO	Ant1	5190	46.56	5165.92	5212.48	PASS
		5230	50.48	5202.40	5252.88	PASS
		5270	53.52	5241.44	5294.96	PASS
		5310	45.68	5286.32	5332.00	PASS
		5510	50.00	5485.92	5535.92	PASS
		5550	46.40	5526.56	5572.96	PASS
		5670	45.60	5648.56	5694.16	PASS
		5710	44.88	5687.20	5732.08	PASS
		5710_UNII-2C	37.8	5687.20	5725	PASS
		5710_UNII-3	7.08	5725	5732.08	PASS
		5755	50.64	5728.60	5779.24	PASS
		5795	54.64	5769.00	5823.64	PASS
11AC80SISO	Ant1	5210	85.60	5166.32	5251.92	PASS
		5290	87.36	5246.48	5333.84	PASS
		5530	95.52	5483.60	5579.12	PASS
		5610	86.88	5567.12	5654.00	PASS
		5690	91.20	5642.00	5733.20	PASS
		5690_UNII-2C	83	5642.00	5725	PASS
		5690_UNII-3	8.2	5725	5733.20	PASS
		5775	85.76	5731.64	5817.40	PASS

11.1.2. Test Graphs



11A_Ant1_5180



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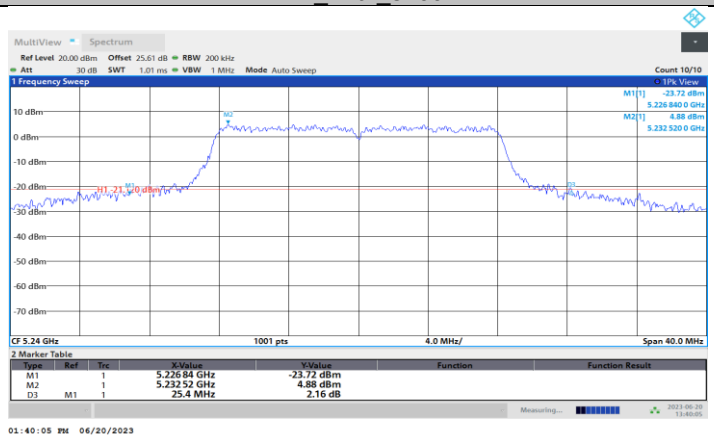

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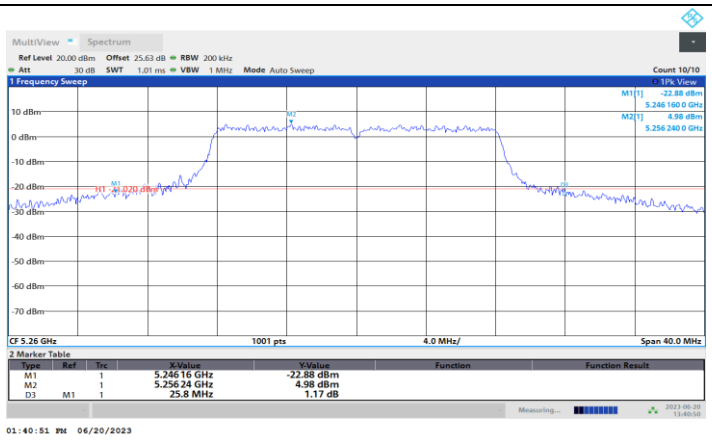

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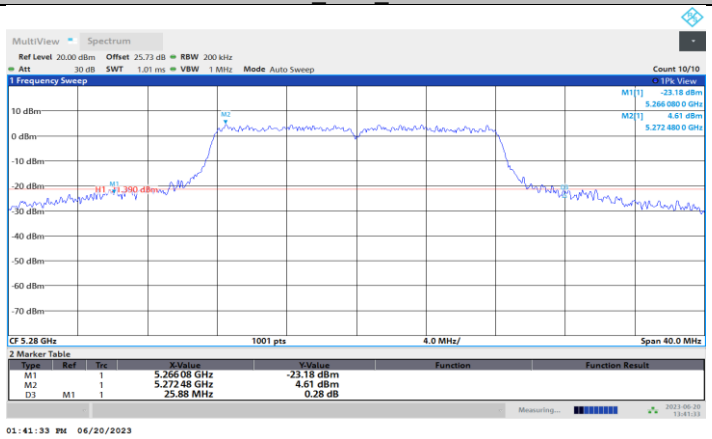

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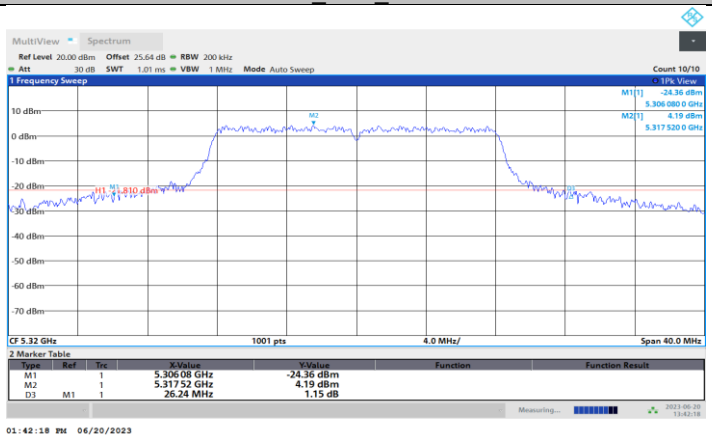

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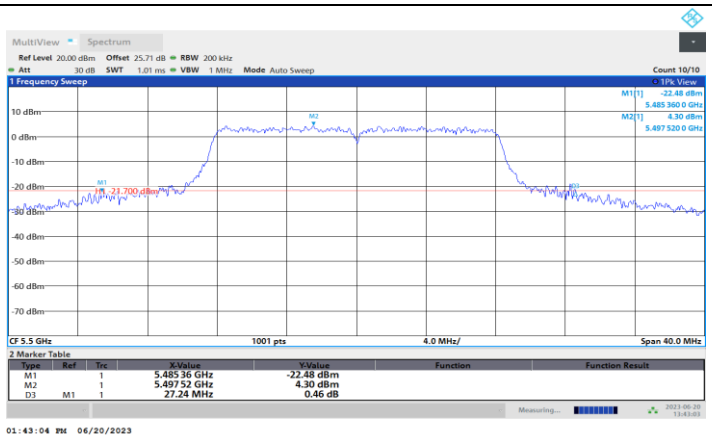

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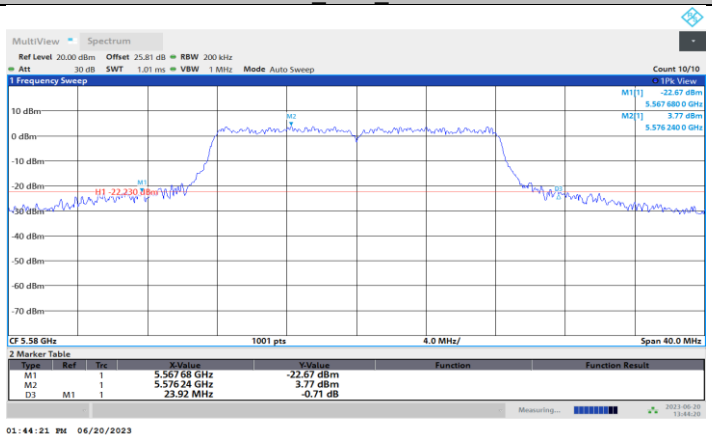

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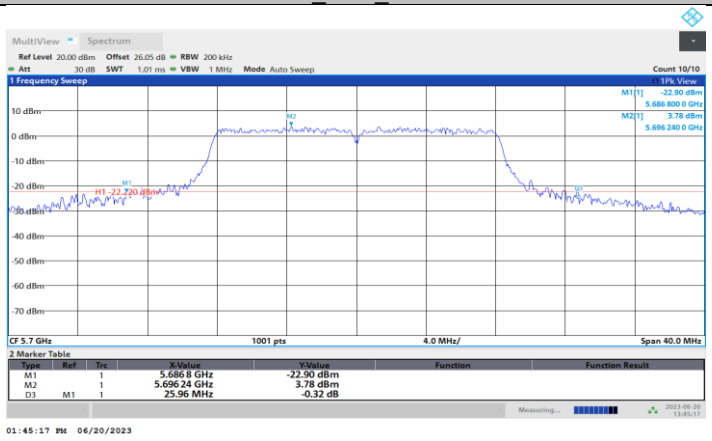

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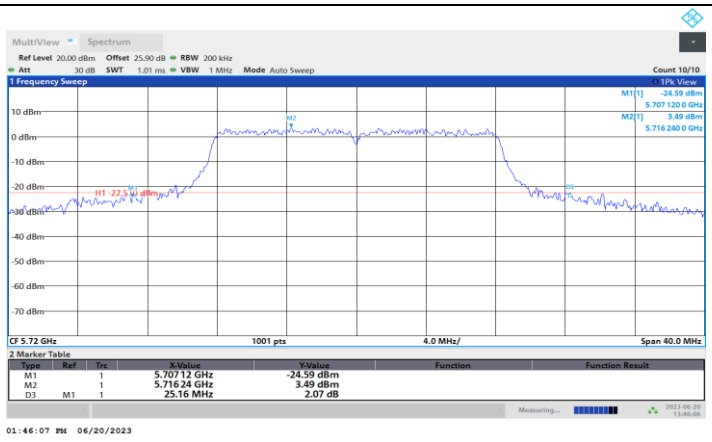

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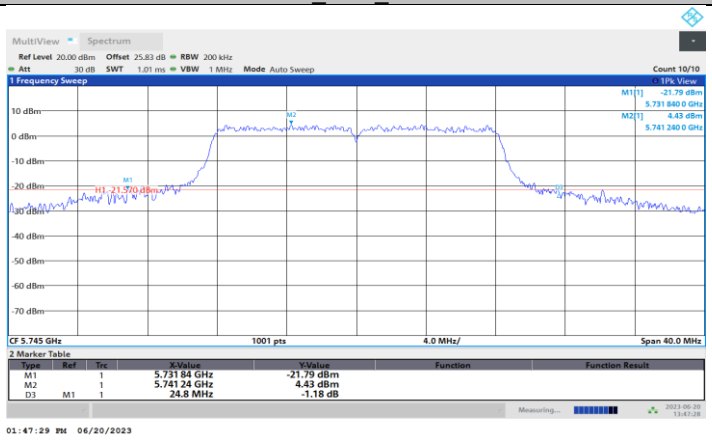

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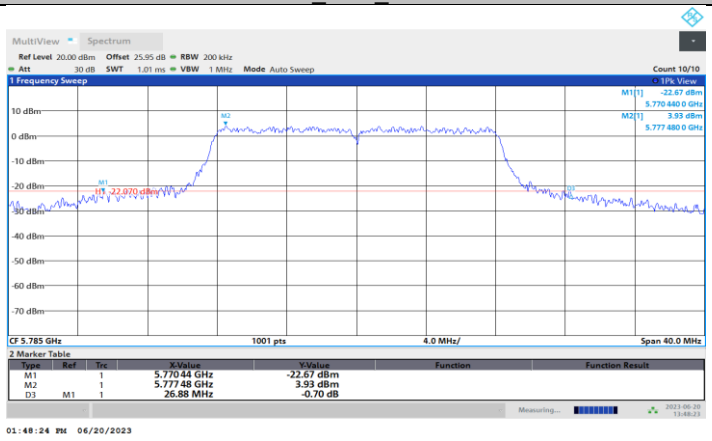

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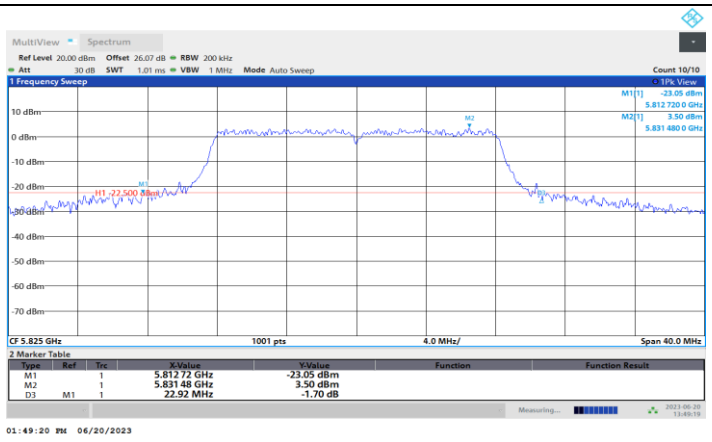

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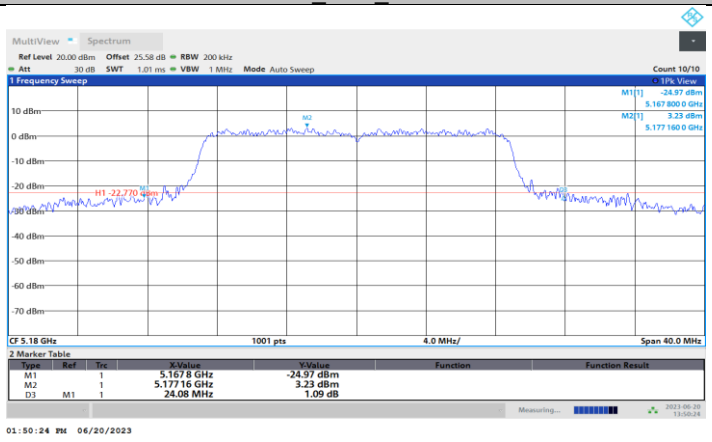

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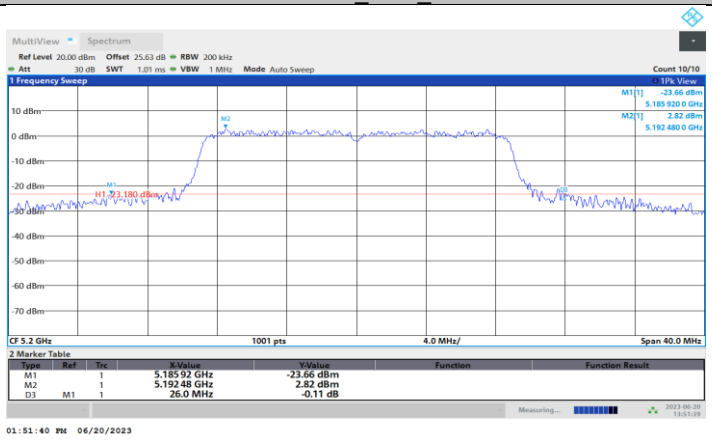

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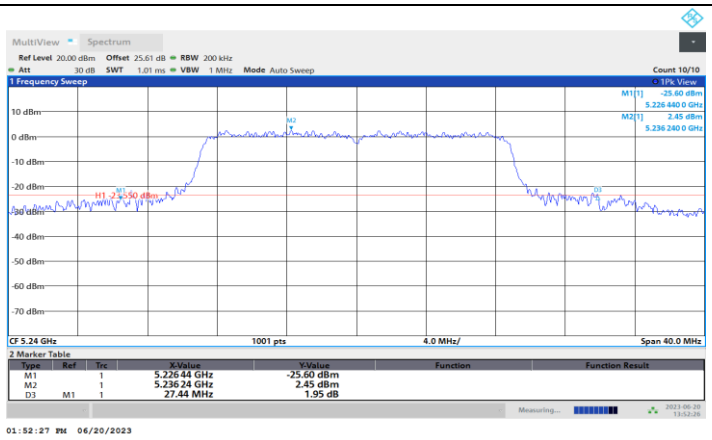

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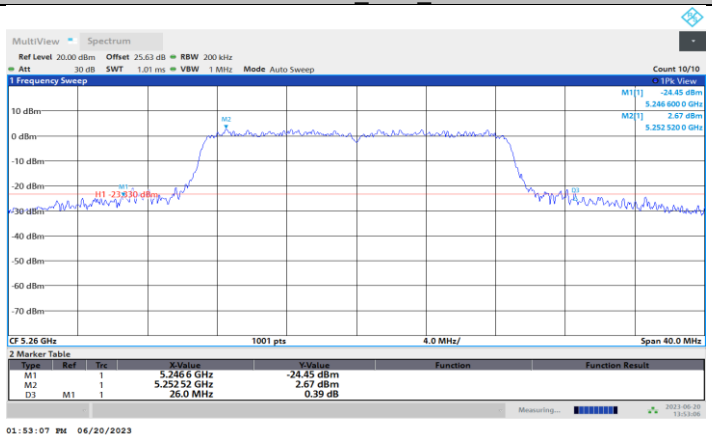

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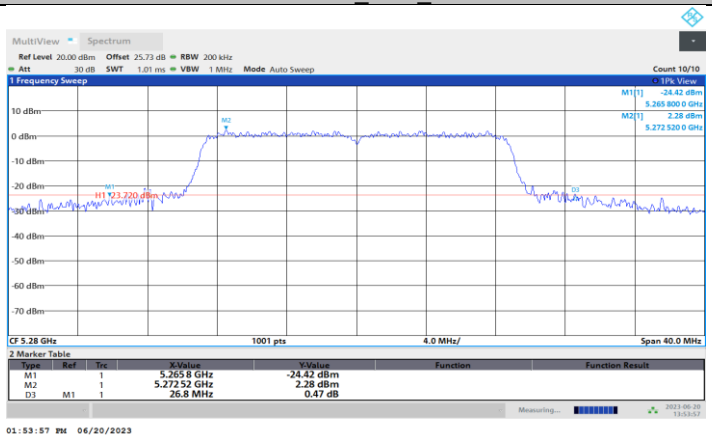

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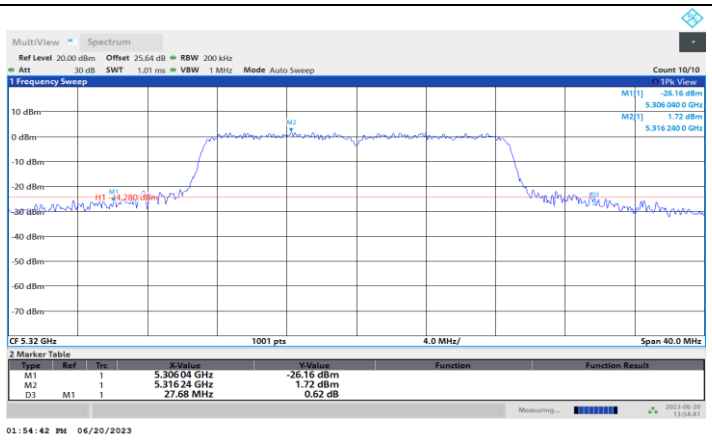

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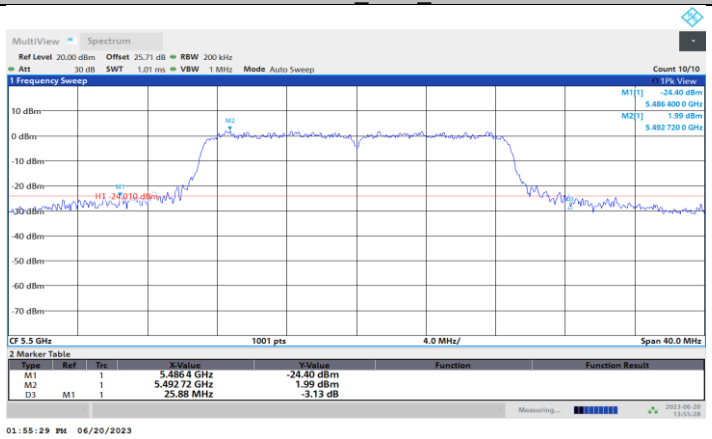

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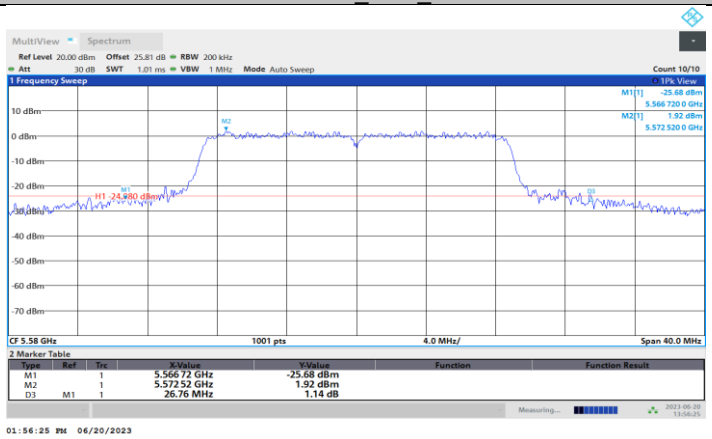

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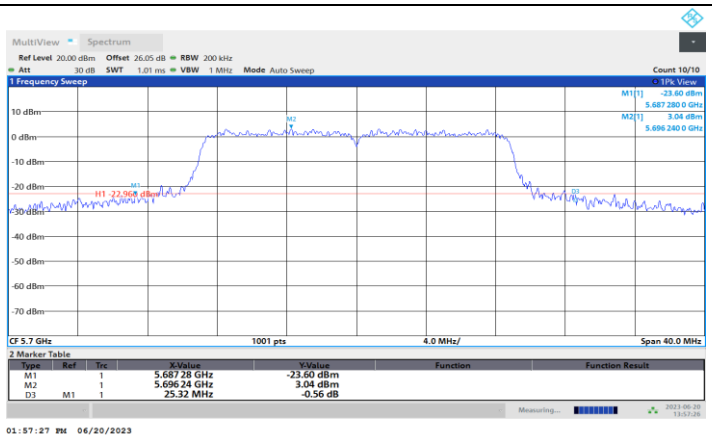

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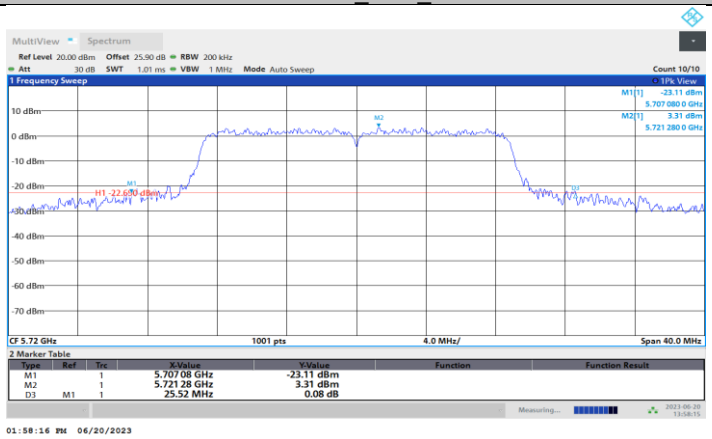

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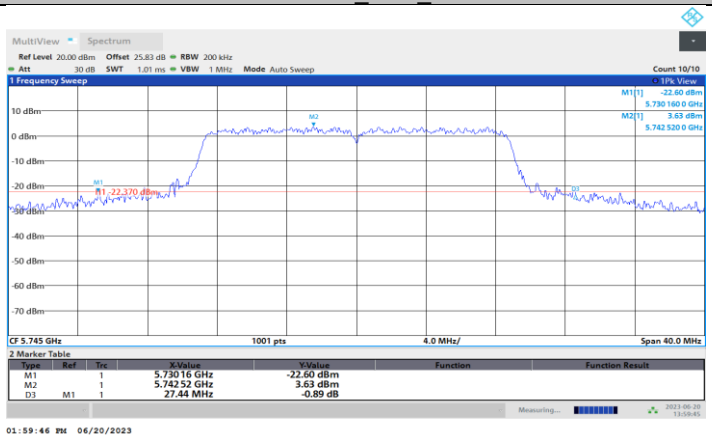

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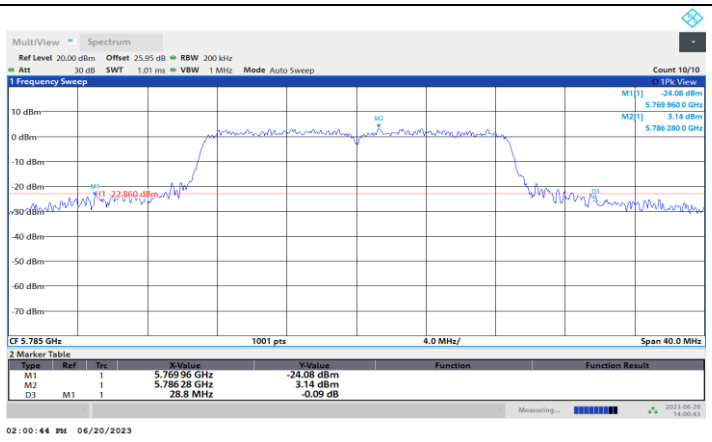

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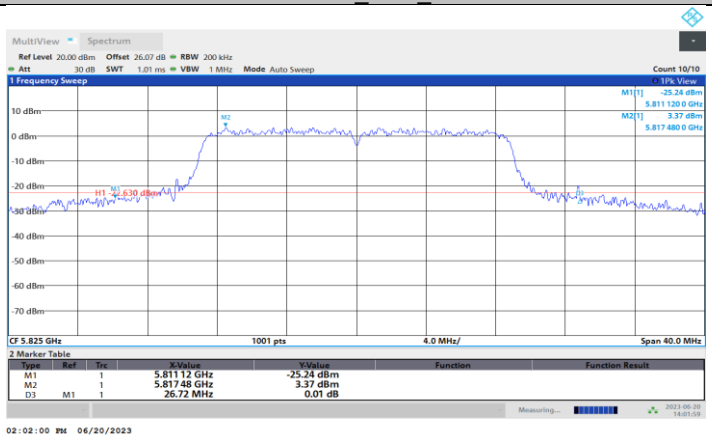

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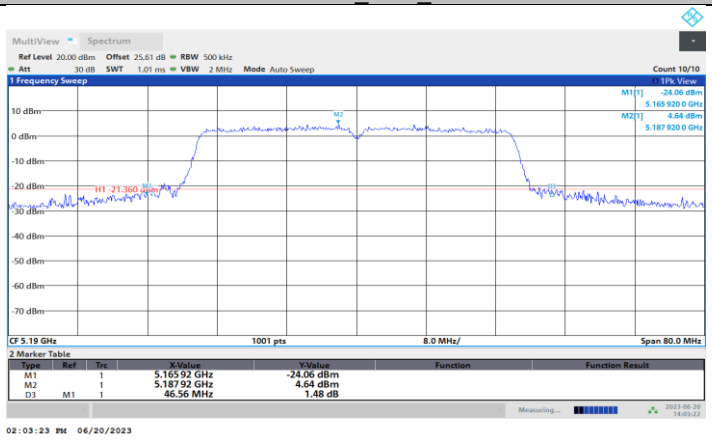

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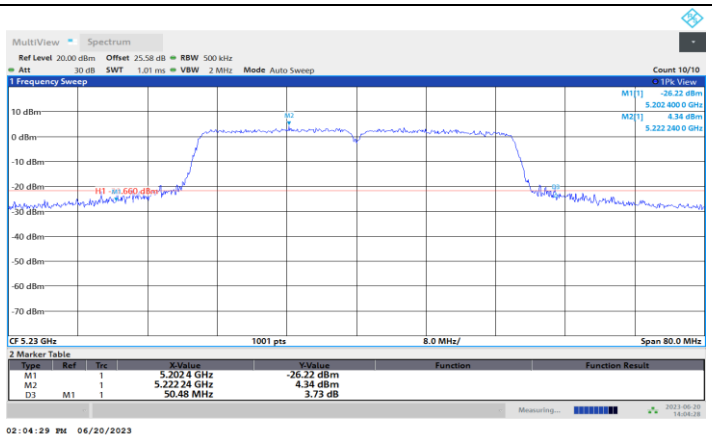

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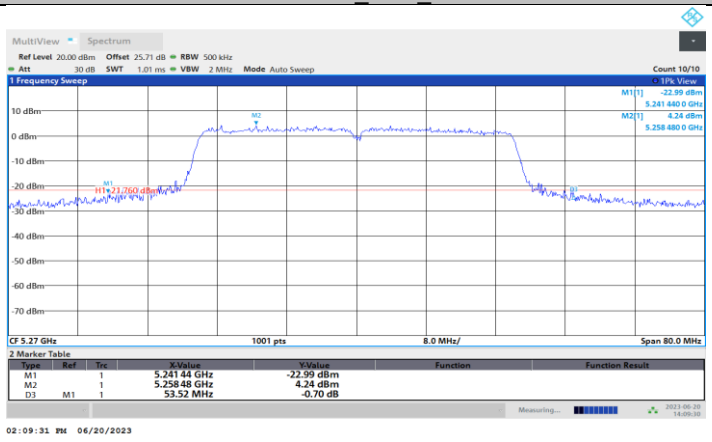

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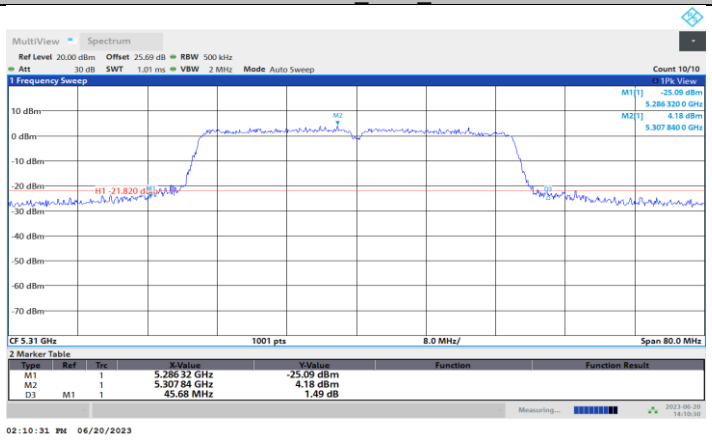

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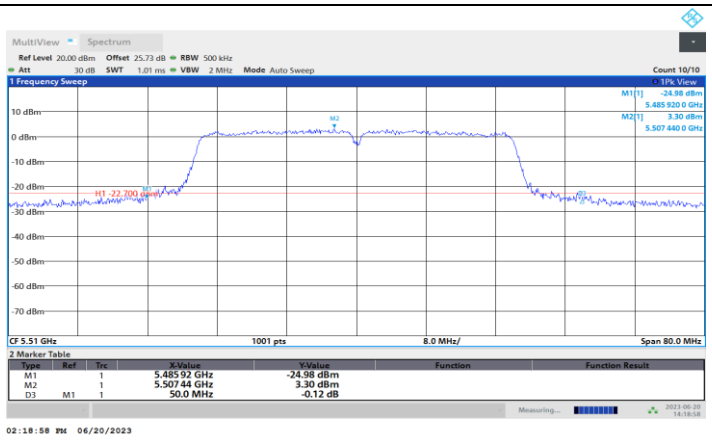

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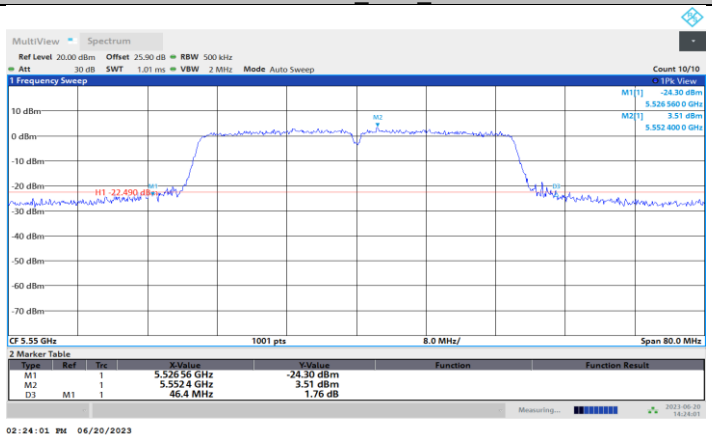

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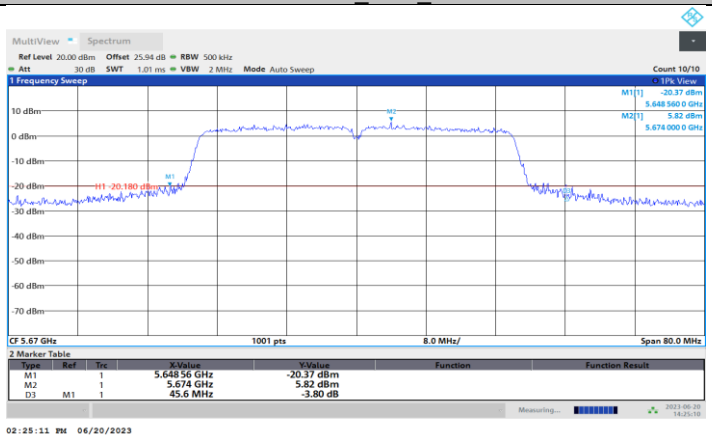

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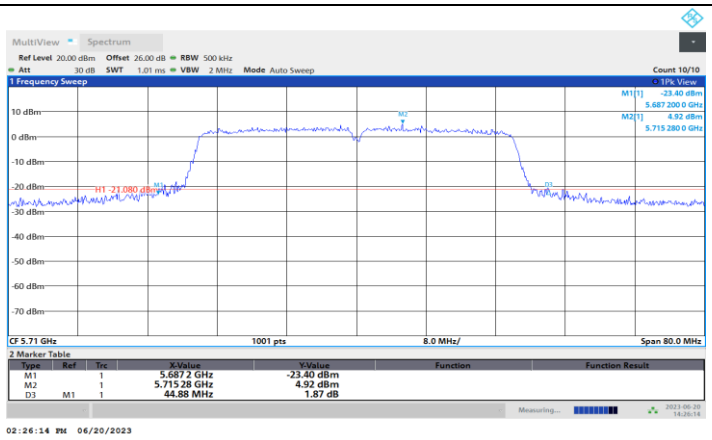

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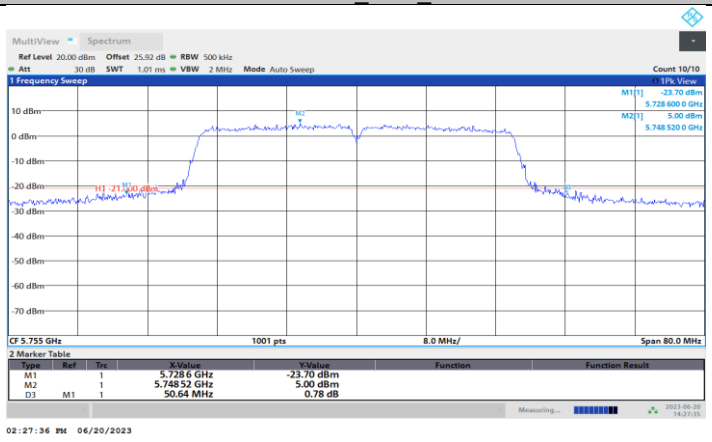

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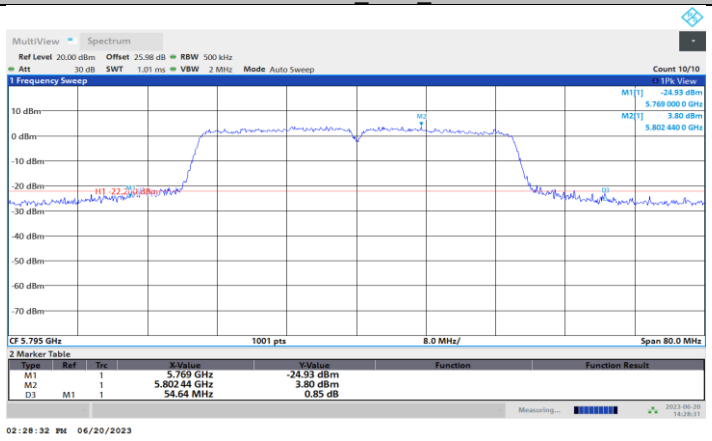

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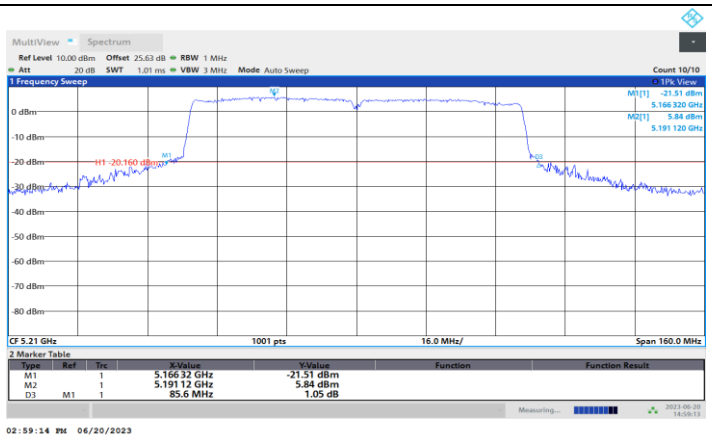

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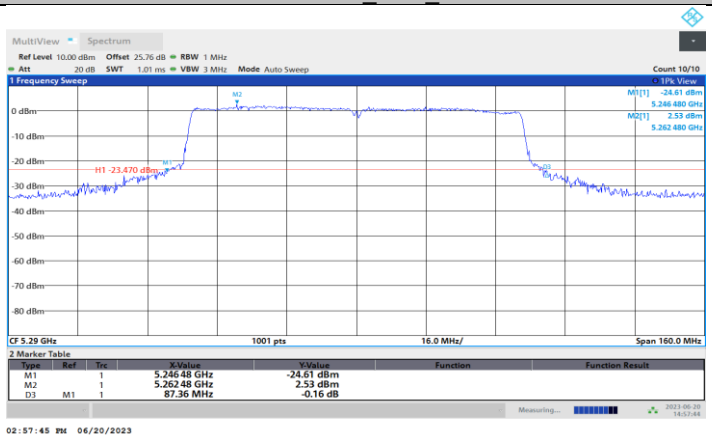

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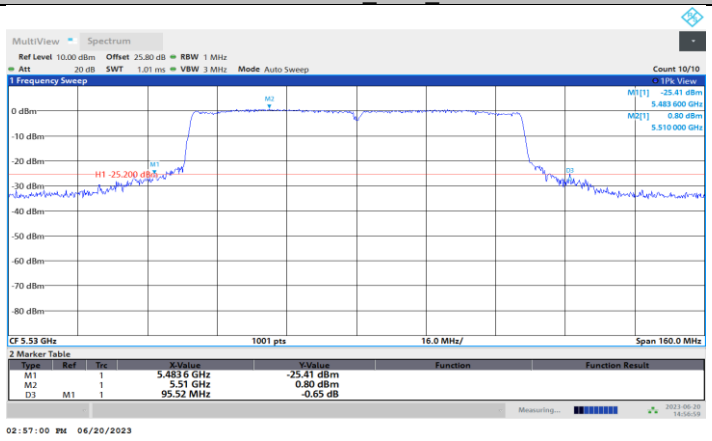

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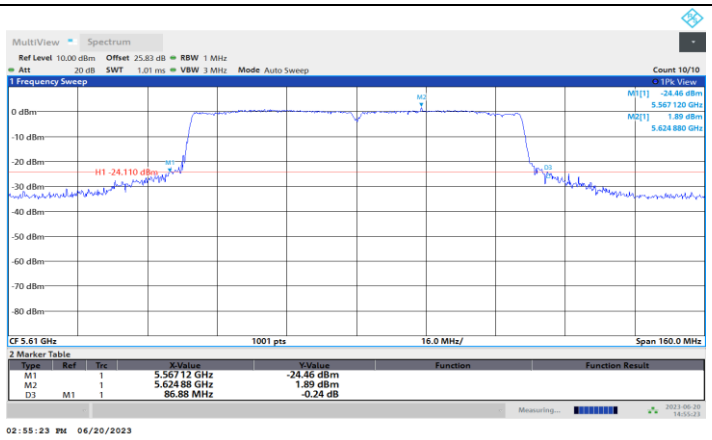

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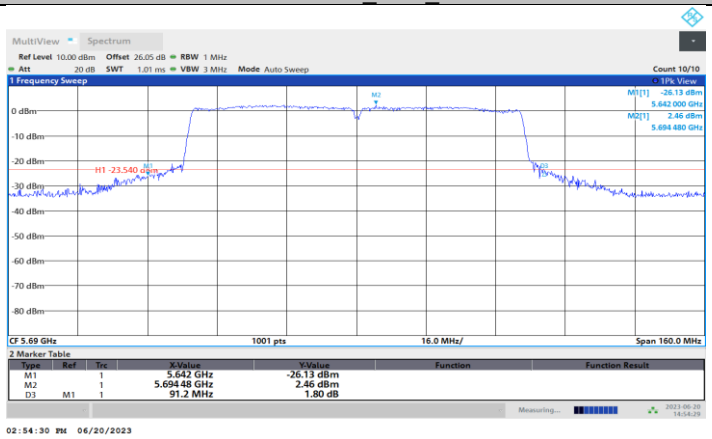
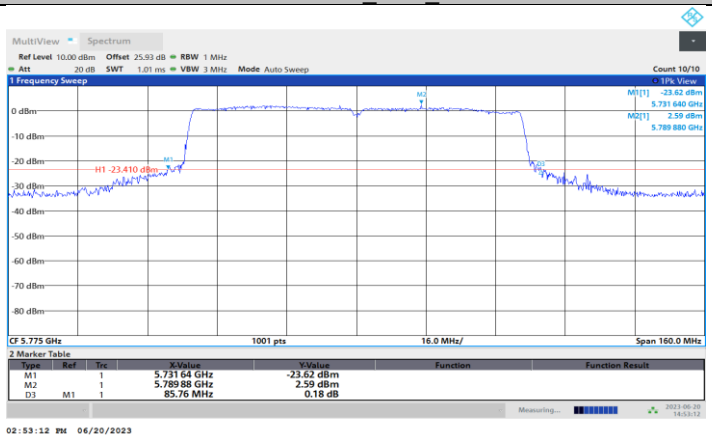


11AC80SISO_Ant1_5690



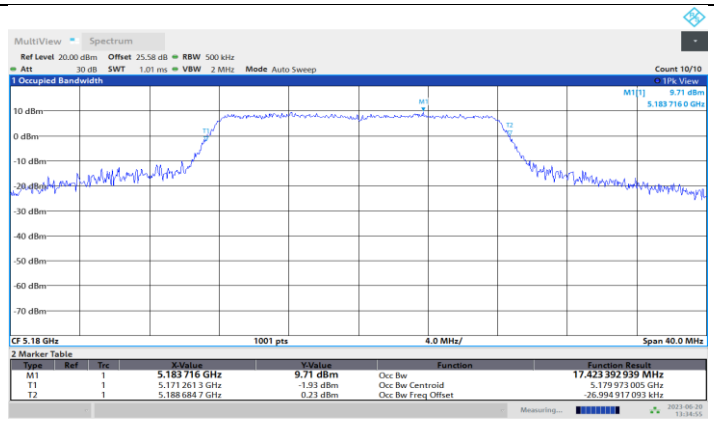
11AC80SISO_Ant1_5775

11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

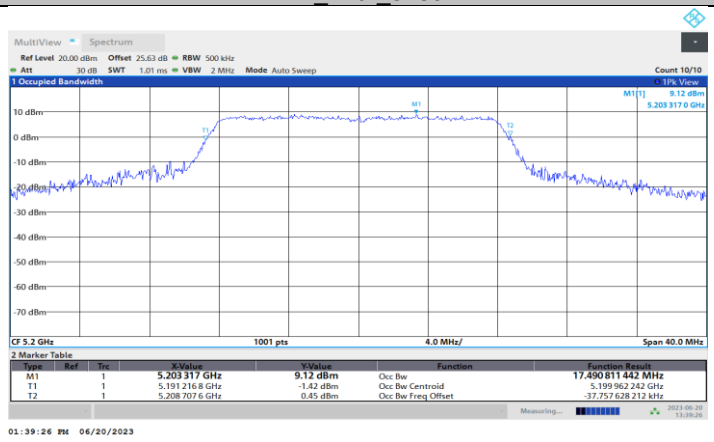
11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	17.423	5171.2613	5188.6847	PASS
		5200	17.491	5191.2168	5208.7076	PASS
		5240	17.476	5231.2215	5248.6979	PASS
		5260	17.421	5251.2318	5268.6528	PASS
		5280	17.363	5271.2675	5288.6304	PASS
		5320	17.462	5311.2308	5328.6923	PASS
		5500	17.368	5491.2924	5508.6605	PASS
		5580	17.363	5571.3025	5588.6653	PASS
		5700	17.377	5691.2807	5708.6576	PASS
		5720	17.382	5711.2903	5728.6727	PASS
		5720_UNII-2C	13.71	5711.2903	5725	PASS
		5720_UNII-3	3.673	5725	5728.6727	PASS
		5745	17.299	5736.3152	5753.6144	PASS
		5785	17.338	5776.2936	5793.6317	PASS
		5825	17.406	5816.2802	5833.6865	PASS
11N20SISO	Ant1	5180	18.133	5170.9410	5189.0743	PASS
		5200	18.134	5190.9158	5209.0499	PASS
		5240	18.197	5230.8745	5249.0714	PASS
		5260	18.21	5250.8832	5269.0932	PASS
		5280	18.168	5270.8604	5289.0289	PASS
		5320	18.17	5310.9078	5329.0775	PASS
		5500	18.138	5490.9189	5509.0565	PASS
		5580	18.165	5570.8932	5589.0583	PASS
		5700	18.13	5690.9045	5709.0343	PASS
		5720	18.185	5710.8795	5729.0645	PASS
		5720_UNII-2C	14.121	5710.8795	5725	PASS
		5720_UNII-3	4.065	5725	5729.0645	PASS
		5745	18.164	5735.9036	5754.0676	PASS
		5785	18.141	5775.8964	5794.0370	PASS
		5825	18.132	5815.9258	5834.0573	PASS
11N40SISO	Ant1	5190	36.462	5171.7369	5208.1988	PASS
		5230	36.492	5211.7086	5248.2005	PASS
		5270	36.495	5251.6827	5288.1778	PASS
		5310	36.481	5291.6949	5328.1755	PASS
		5510	36.476	5491.7418	5528.2179	PASS
		5550	36.457	5531.7646	5568.2213	PASS
		5670	36.346	5651.7955	5688.1413	PASS
		5710	36.357	5691.7911	5728.1483	PASS
		5710_UNII-2C	33.209	5691.7911	5725	PASS
		5710_UNII-3	3.148	5725	5728.1483	PASS
		5755	36.334	5736.7969	5773.1306	PASS
		5795	36.374	5776.7830	5813.1566	PASS
11AC80SISO	Ant1	5210	76.101	5171.8486	5247.9492	PASS
		5290	76.192	5251.7861	5327.9777	PASS
		5530	76.083	5491.9517	5568.0347	PASS
		5610	76.088	5571.9600	5648.0481	PASS
		5690	76.063	5651.9264	5727.9890	PASS
		5690_UNII-2C	73.074	5651.9264	5725	PASS
		5690_UNII-3	2.989	5725	5727.9890	PASS
		5775	76.032	5736.8967	5812.9286	PASS

11.2.2. Test Graphs



11A_Ant1_5180



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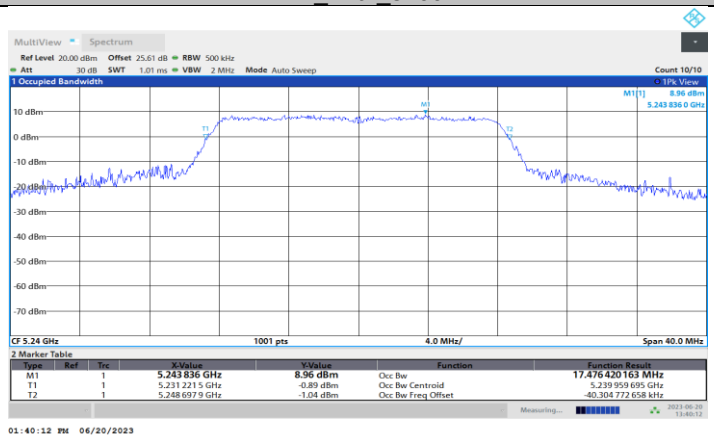

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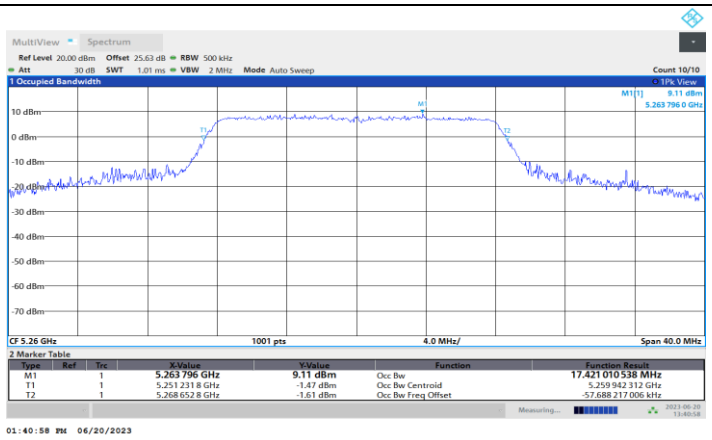

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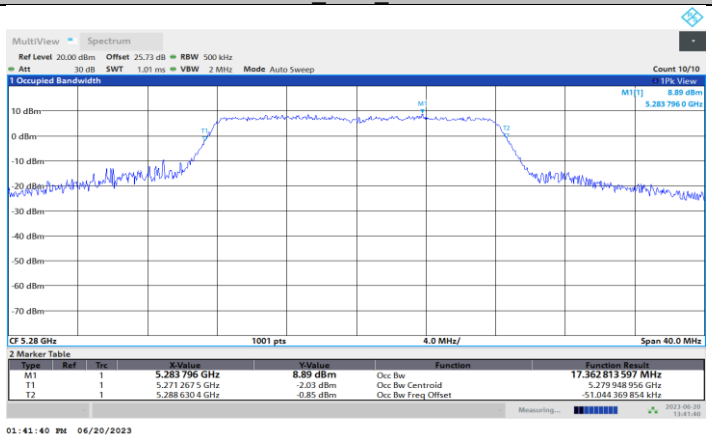

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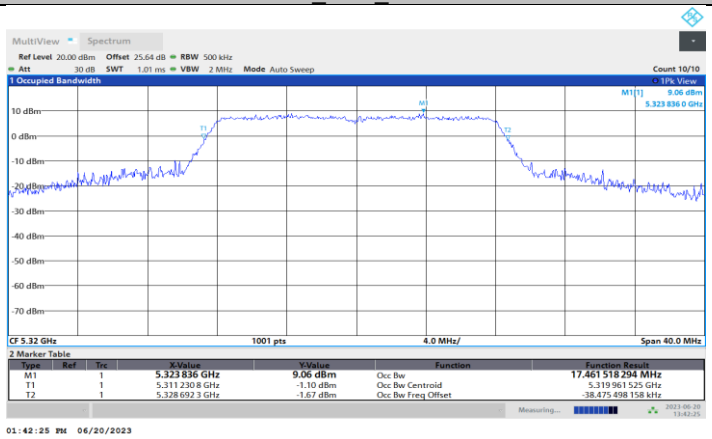

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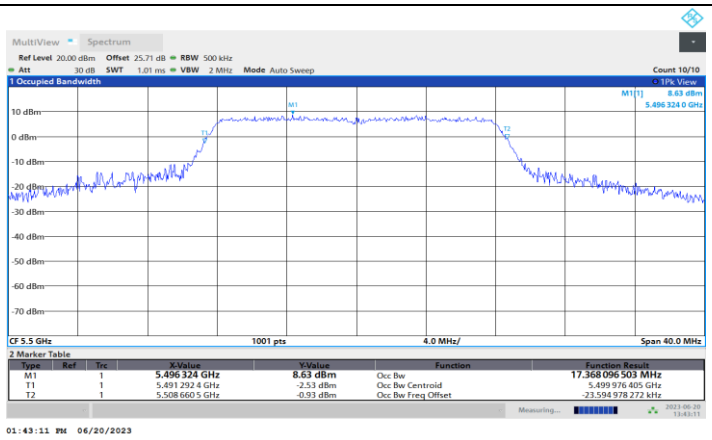
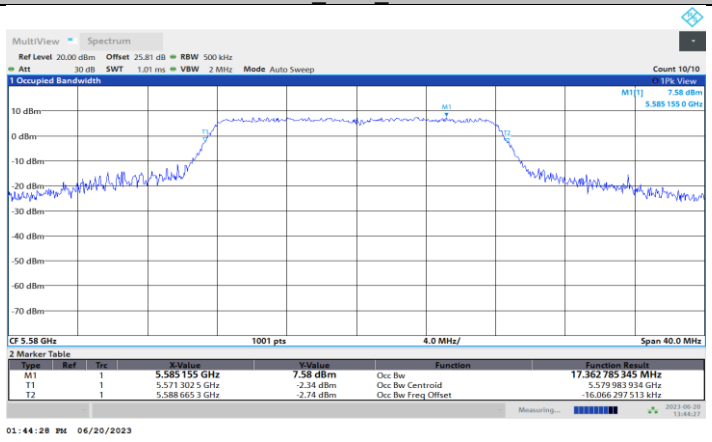


11A_Ant1_5500



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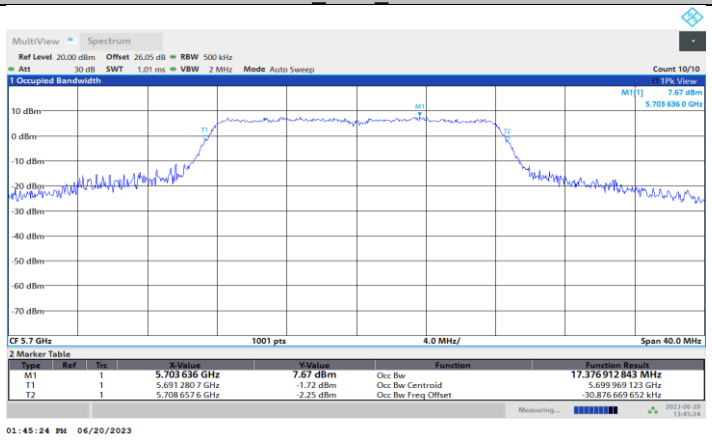

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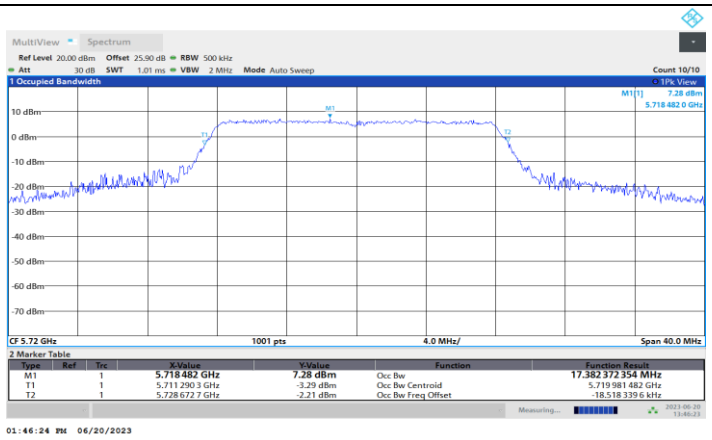

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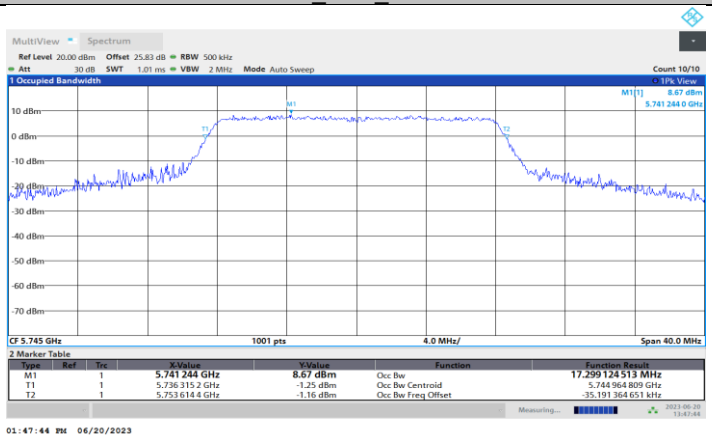

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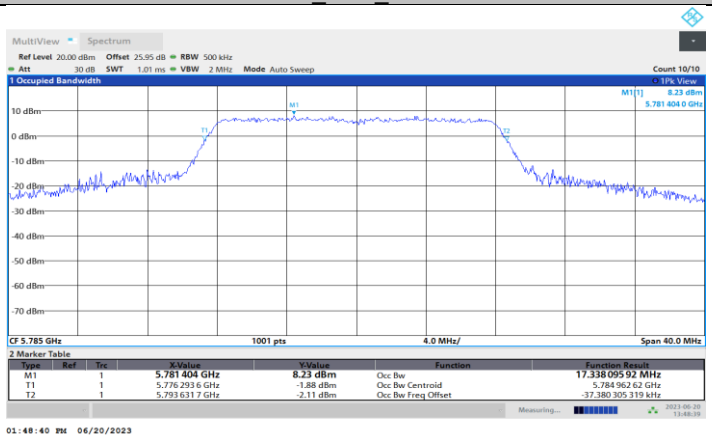
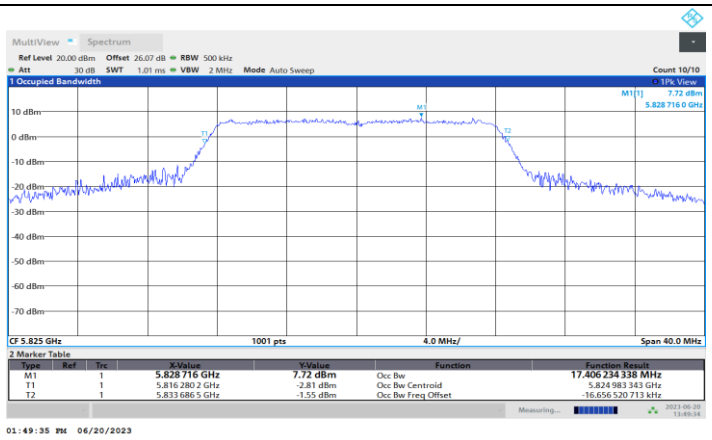


11A_Ant1_5785



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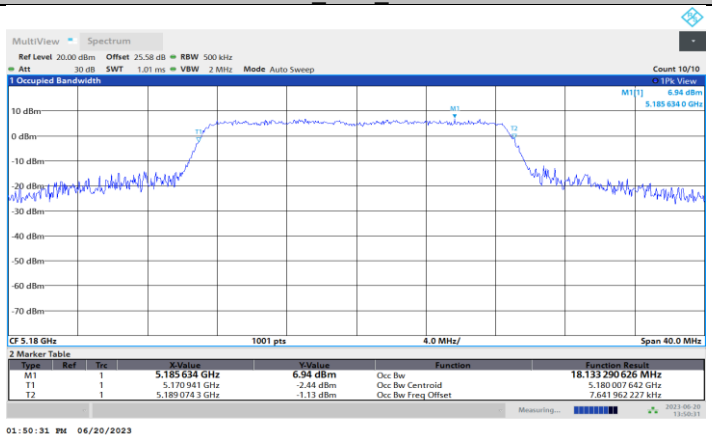

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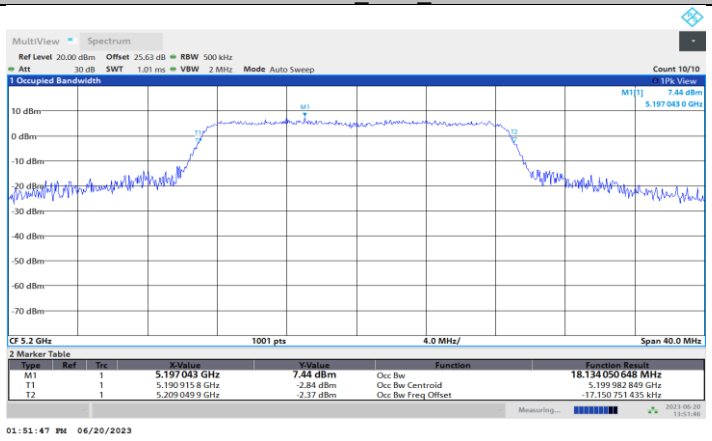

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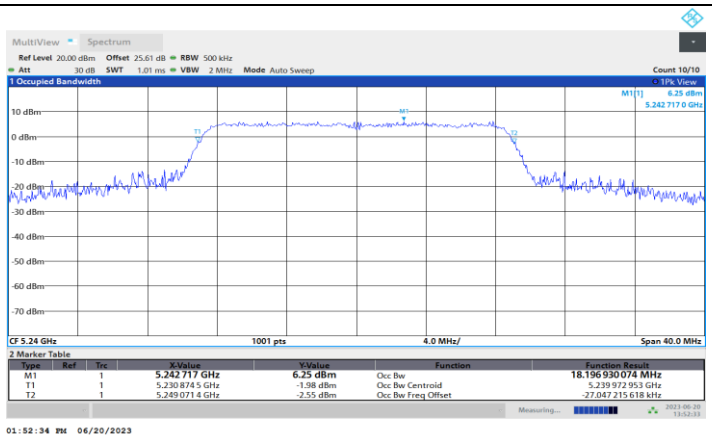
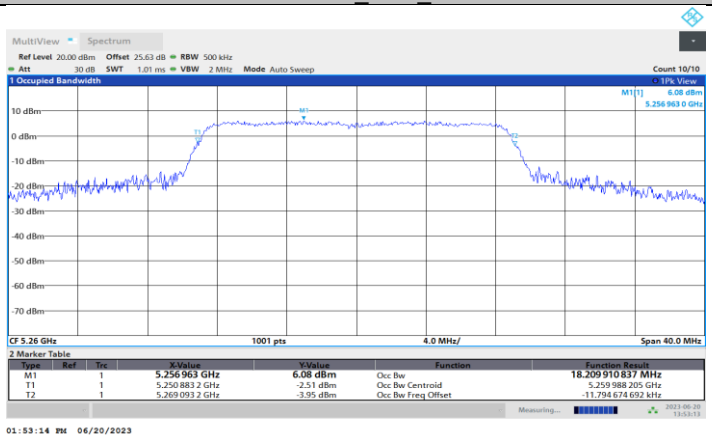


11N20SISO_Ant1_5240



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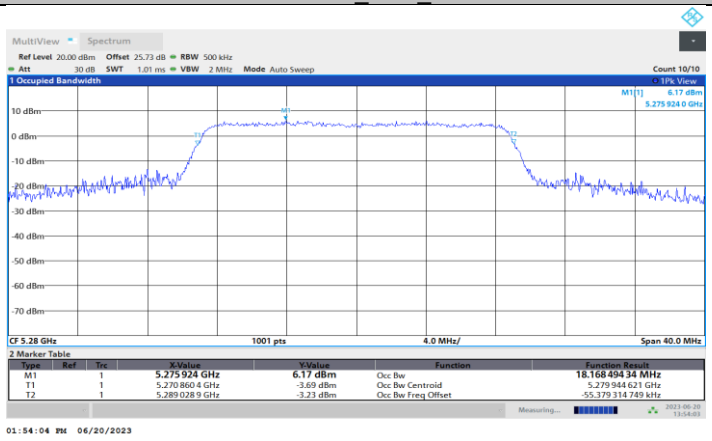

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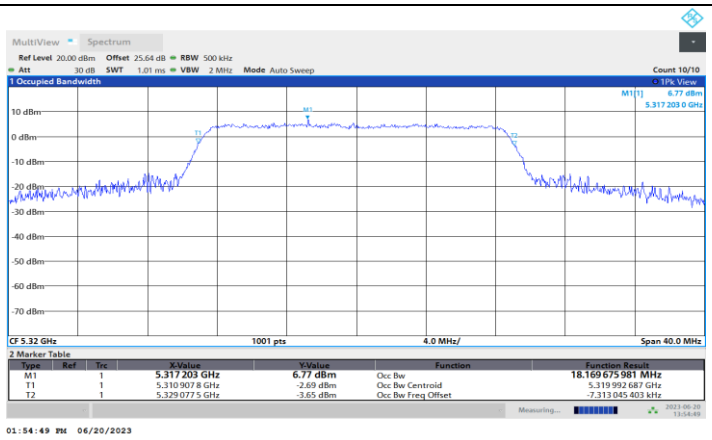

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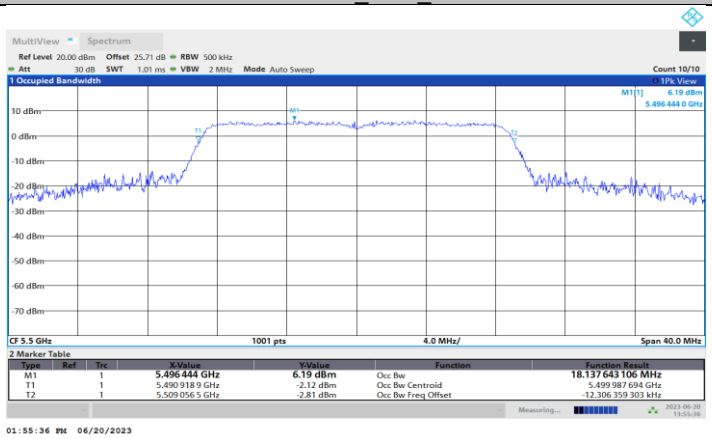

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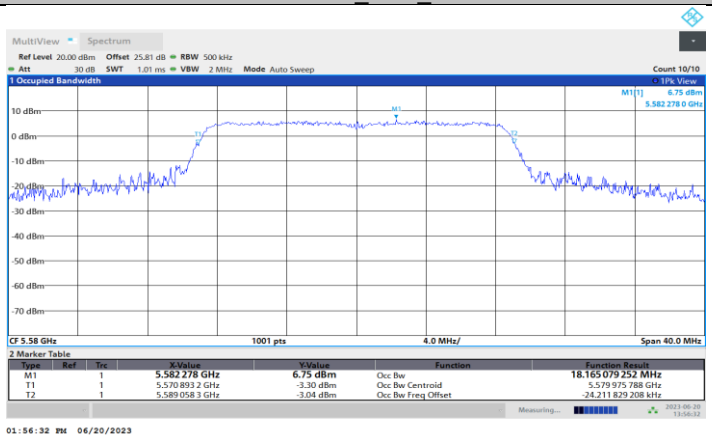

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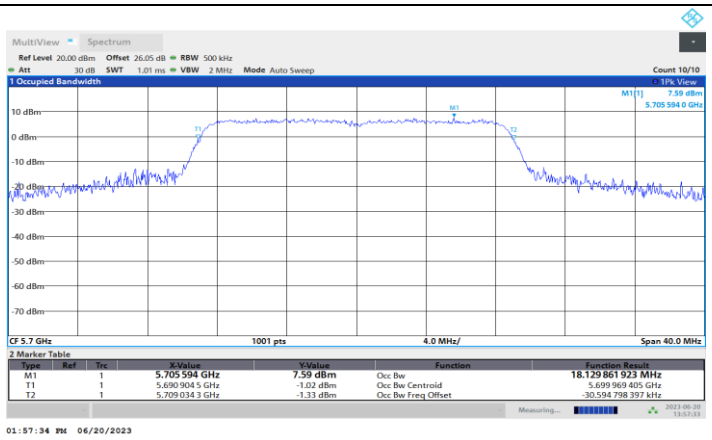

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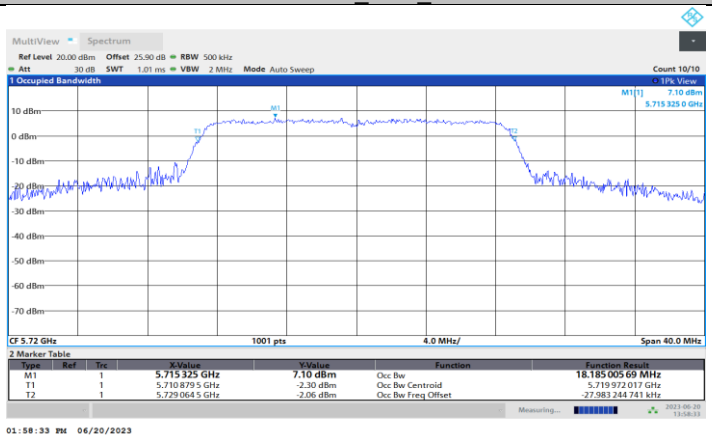

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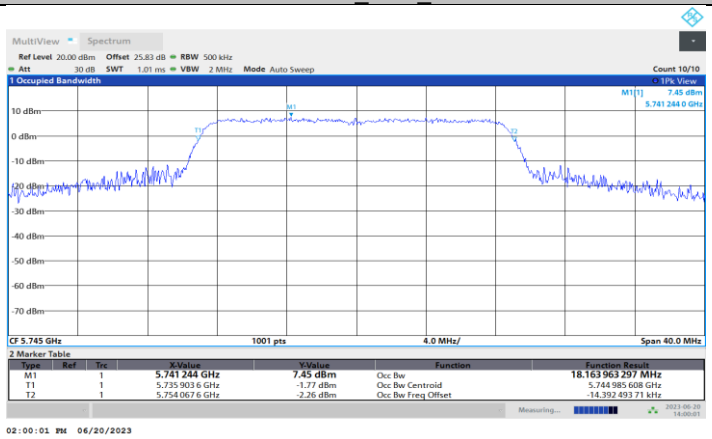

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