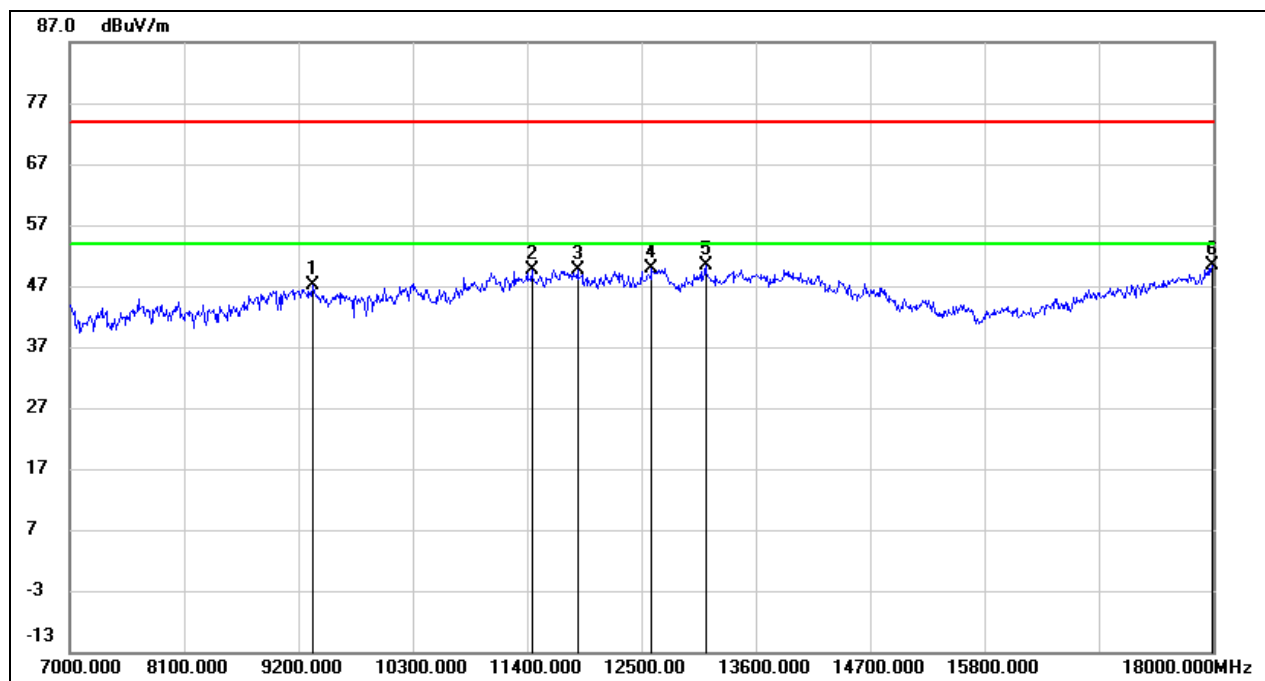
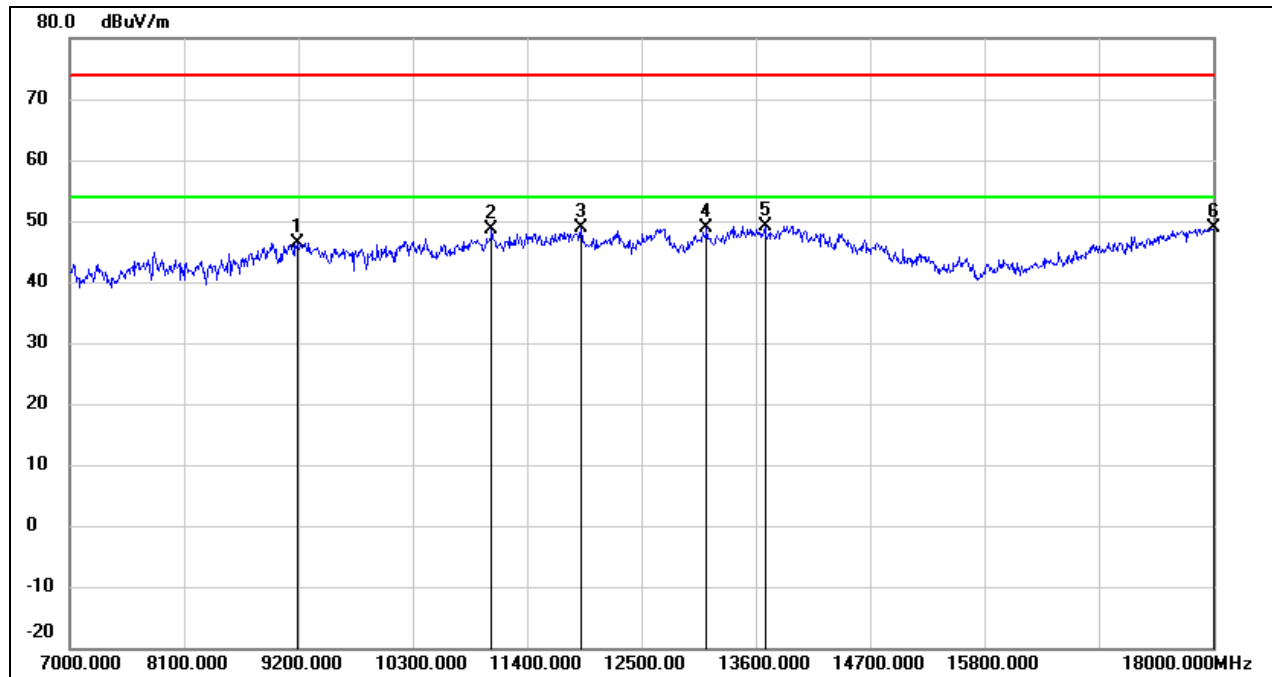


Test Mode:	802.11n HT20	Frequency(MHz):	5785
Polarity:	Vertical	Test Voltage:	DC 7.6 V



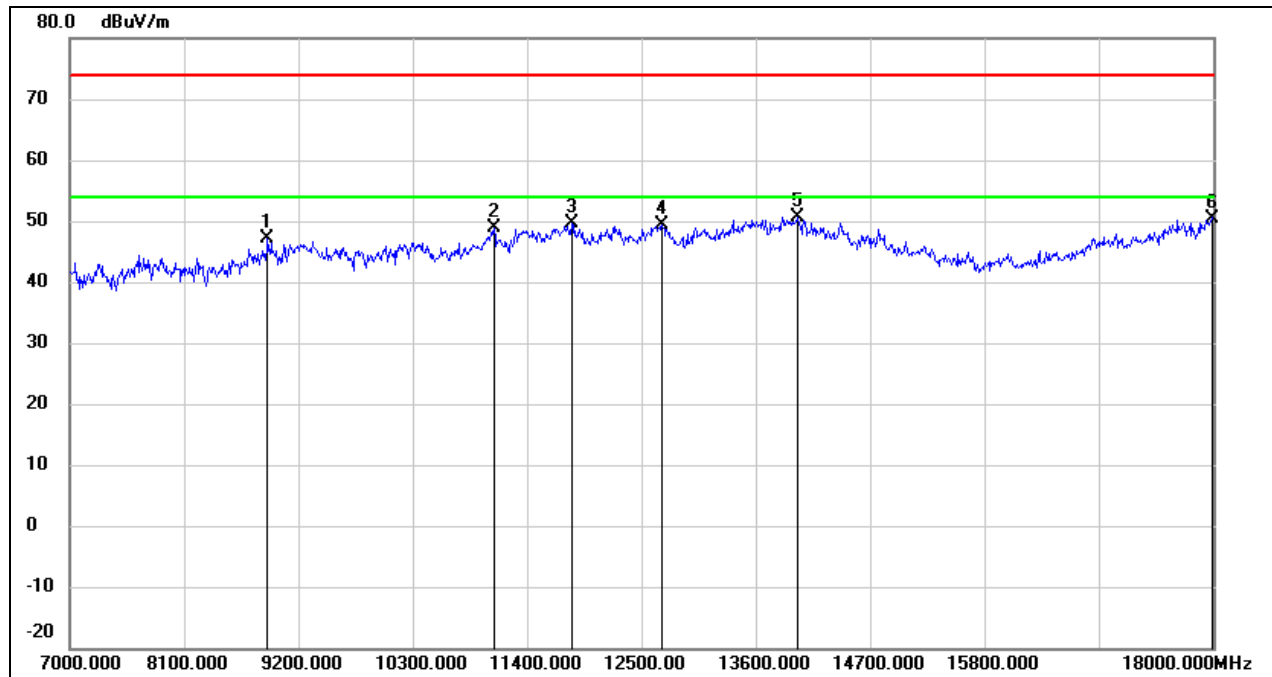
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9332.000	36.51	10.54	47.05	74.00	-26.95	peak
2	11444.000	33.12	16.53	49.65	74.00	-24.35	peak
3	11884.000	32.23	17.48	49.71	74.00	-24.29	peak
4	12599.000	31.97	17.95	49.92	74.00	-24.08	peak
5	13116.000	31.38	18.96	50.34	74.00	-23.66	peak
6	17989.000	24.24	26.04	50.28	74.00	-23.72	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



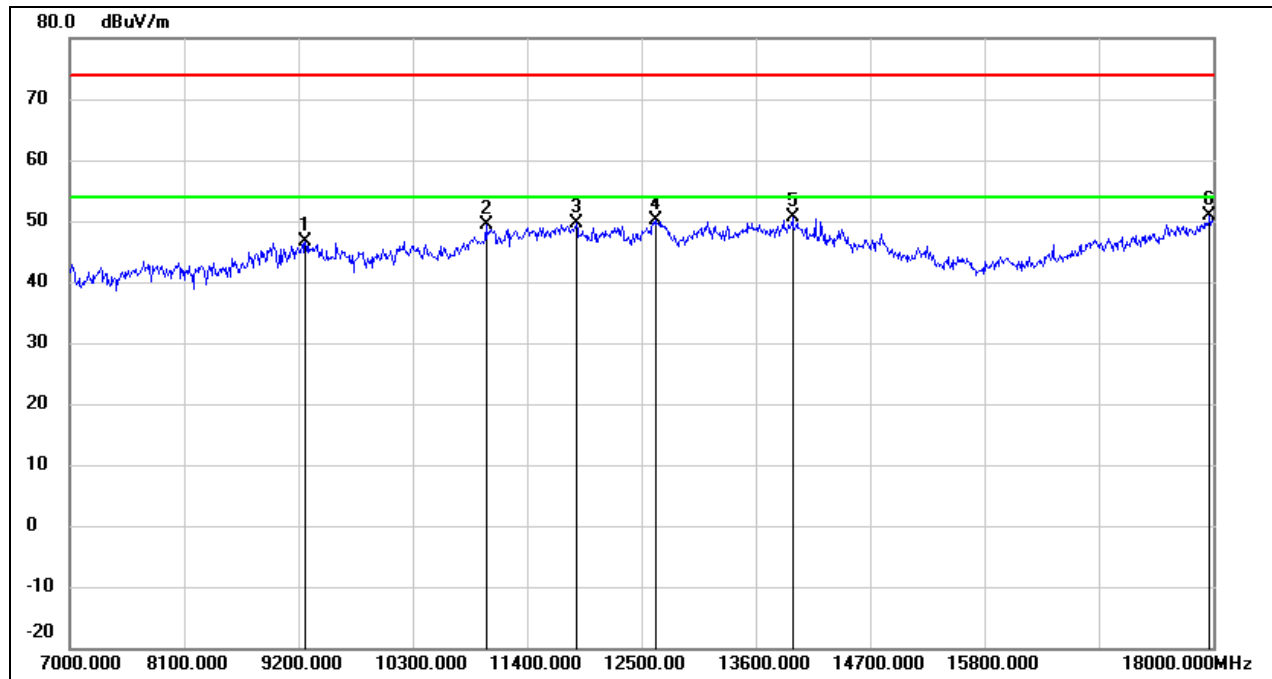
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	36.04	10.46	46.50	74.00	-27.50	peak
2	11059.000	33.74	14.96	48.70	74.00	-25.30	peak
3	11917.000	31.40	17.54	48.94	74.00	-25.06	peak
4	13127.000	29.84	19.01	48.85	74.00	-25.15	peak
5	13688.000	28.13	21.10	49.23	74.00	-24.77	peak
6	18000.000	22.69	26.12	48.81	74.00	-25.19	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5825
Polarity:	Vertical	Test Voltage:	DC 7.6 V



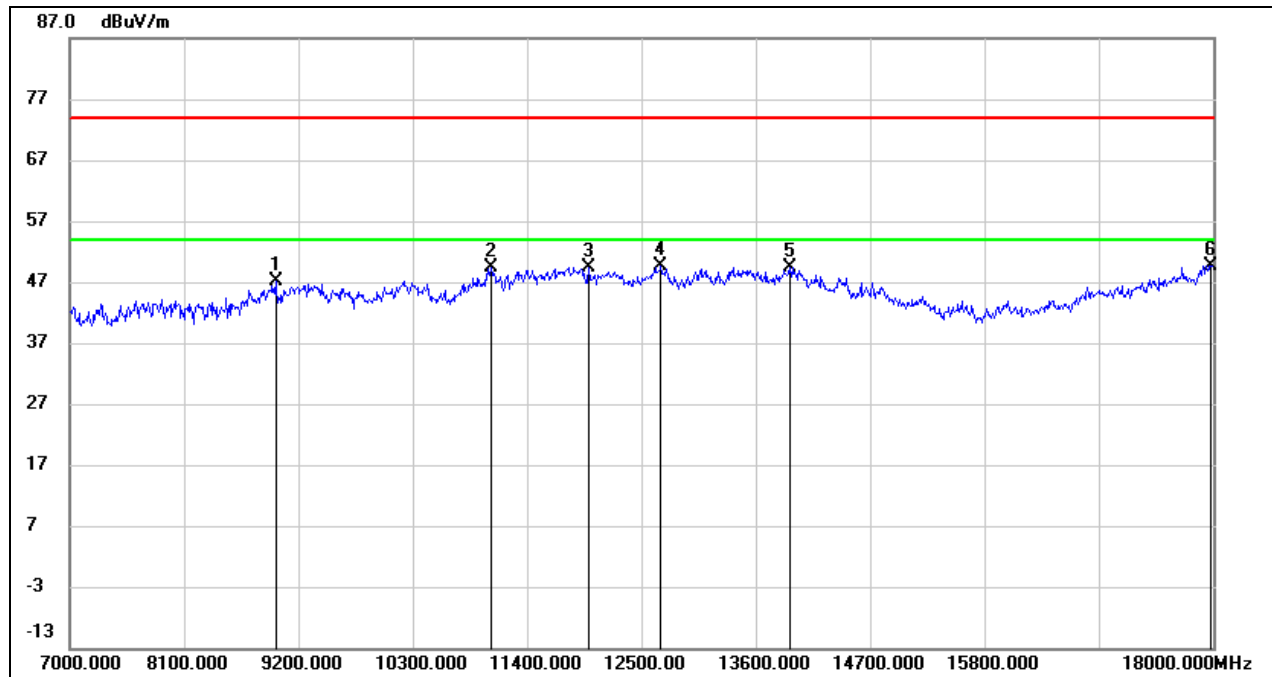
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8903.000	37.40	9.66	47.06	74.00	-26.94	peak
2	11081.000	33.74	15.05	48.79	74.00	-25.21	peak
3	11829.000	32.20	17.38	49.58	74.00	-24.42	peak
4	12698.000	31.25	18.08	49.33	74.00	-24.67	peak
5	14007.000	28.78	21.85	50.63	74.00	-23.37	peak
6	17989.000	24.46	26.04	50.50	74.00	-23.50	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



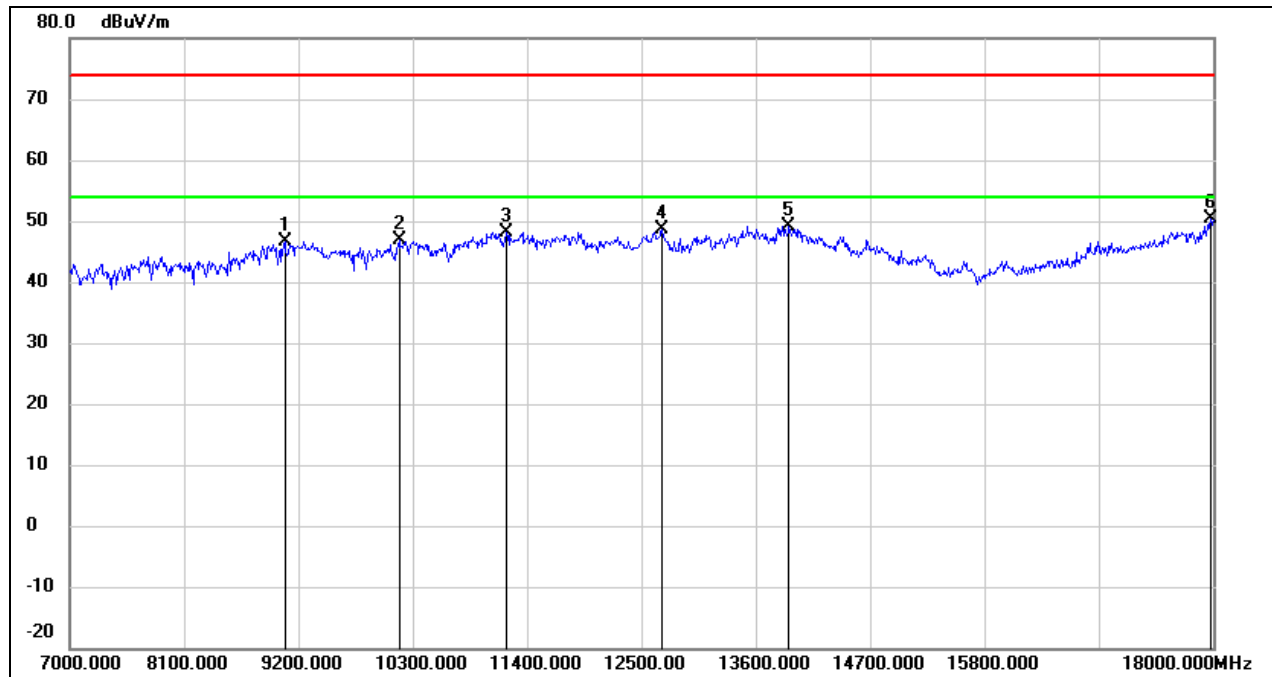
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	36.12	10.51	46.63	74.00	-27.37	peak
2	11004.000	34.56	14.74	49.30	74.00	-24.70	peak
3	11873.000	32.18	17.46	49.64	74.00	-24.36	peak
4	12632.000	32.07	17.99	50.06	74.00	-23.94	peak
5	13952.000	28.79	21.76	50.55	74.00	-23.45	peak
6	17967.000	24.93	25.89	50.82	74.00	-23.18	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5190
Polarity:	Vertical	Test Voltage:	DC 7.6 V



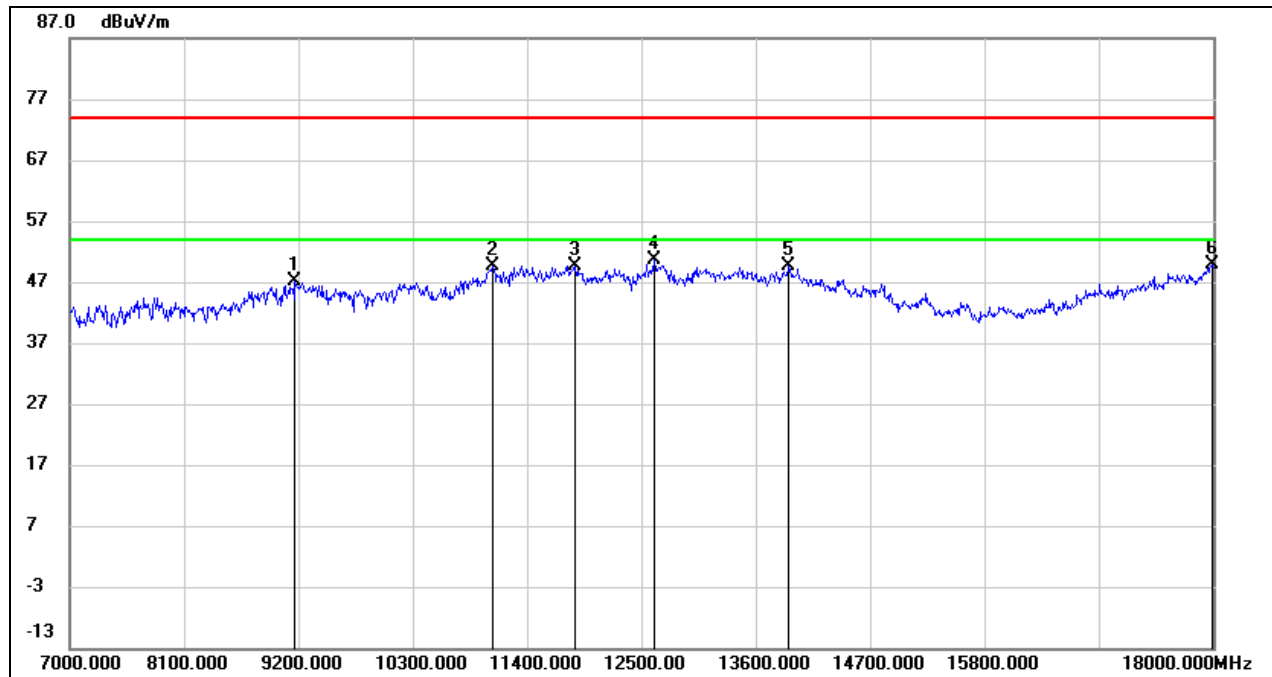
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8980.000	36.87	10.21	47.08	74.00	-26.92	peak
2	11048.000	34.59	14.91	49.50	74.00	-24.50	peak
3	11994.000	31.75	17.69	49.44	74.00	-24.56	peak
4	12687.000	31.55	18.05	49.60	74.00	-24.40	peak
5	13930.000	27.58	21.71	49.29	74.00	-24.71	peak
6	17978.000	23.74	25.97	49.71	74.00	-24.29	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



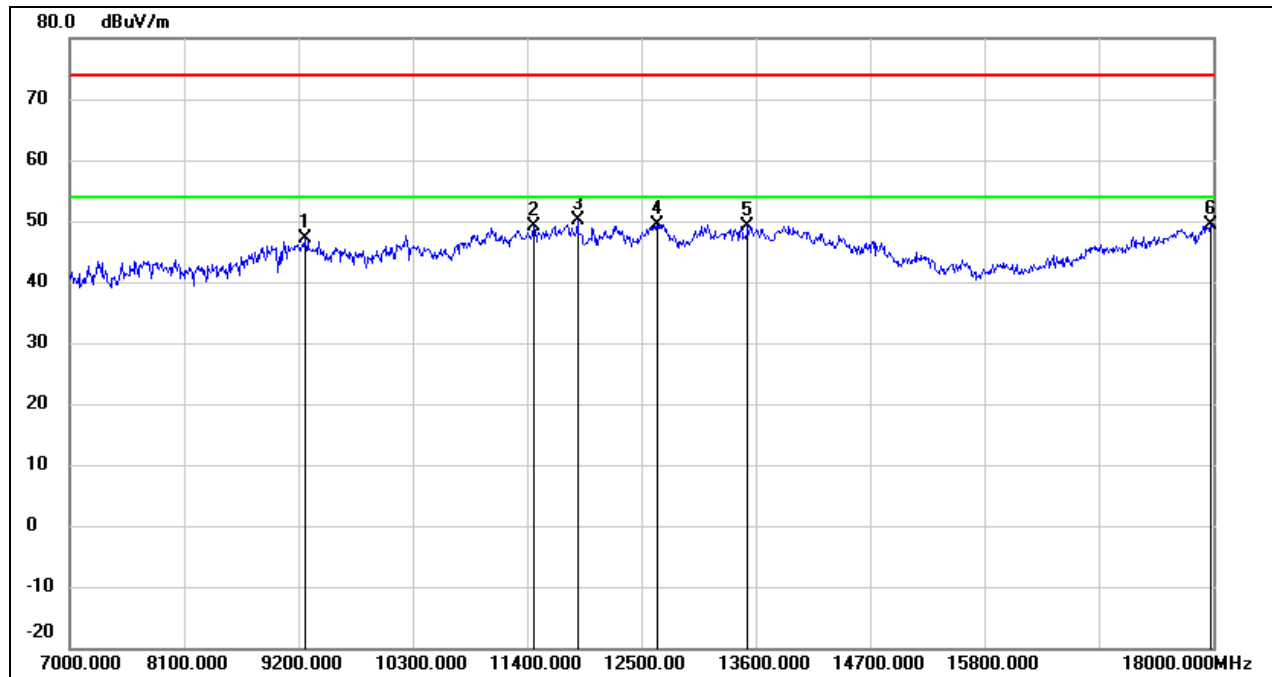
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9068.000	36.28	10.39	46.67	74.00	-27.33	peak
2	10168.000	34.80	12.13	46.93	74.00	-27.07	peak
3	11202.000	32.62	15.55	48.17	74.00	-25.83	peak
4	12698.000	30.44	18.08	48.52	74.00	-25.48	peak
5	13919.000	27.46	21.68	49.14	74.00	-24.86	peak
6	17978.000	24.42	25.97	50.39	74.00	-23.61	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5230
Polarity:	Vertical	Test Voltage:	DC 7.6 V



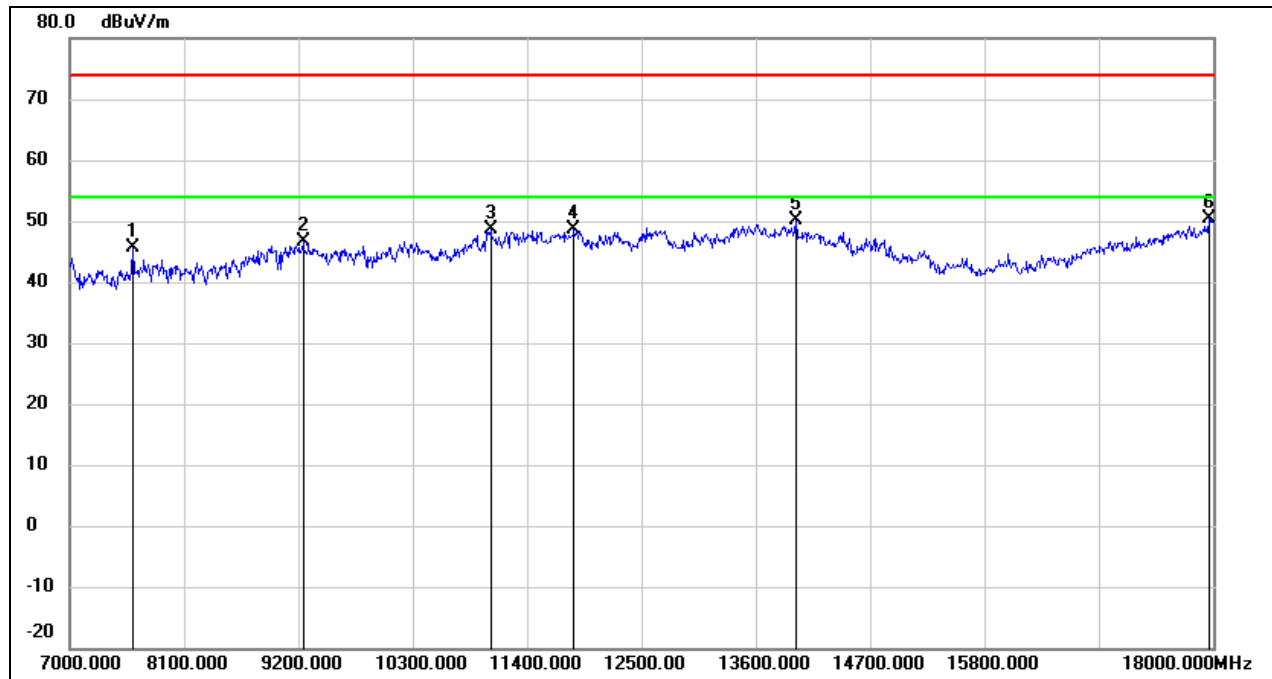
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9167.000	36.69	10.45	47.14	74.00	-26.86	peak
2	11070.000	34.66	15.01	49.67	74.00	-24.33	peak
3	11862.000	32.29	17.45	49.74	74.00	-24.26	peak
4	12621.000	32.54	17.98	50.52	74.00	-23.48	peak
5	13919.000	27.93	21.68	49.61	74.00	-24.39	peak
6	17989.000	23.72	26.04	49.76	74.00	-24.24	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



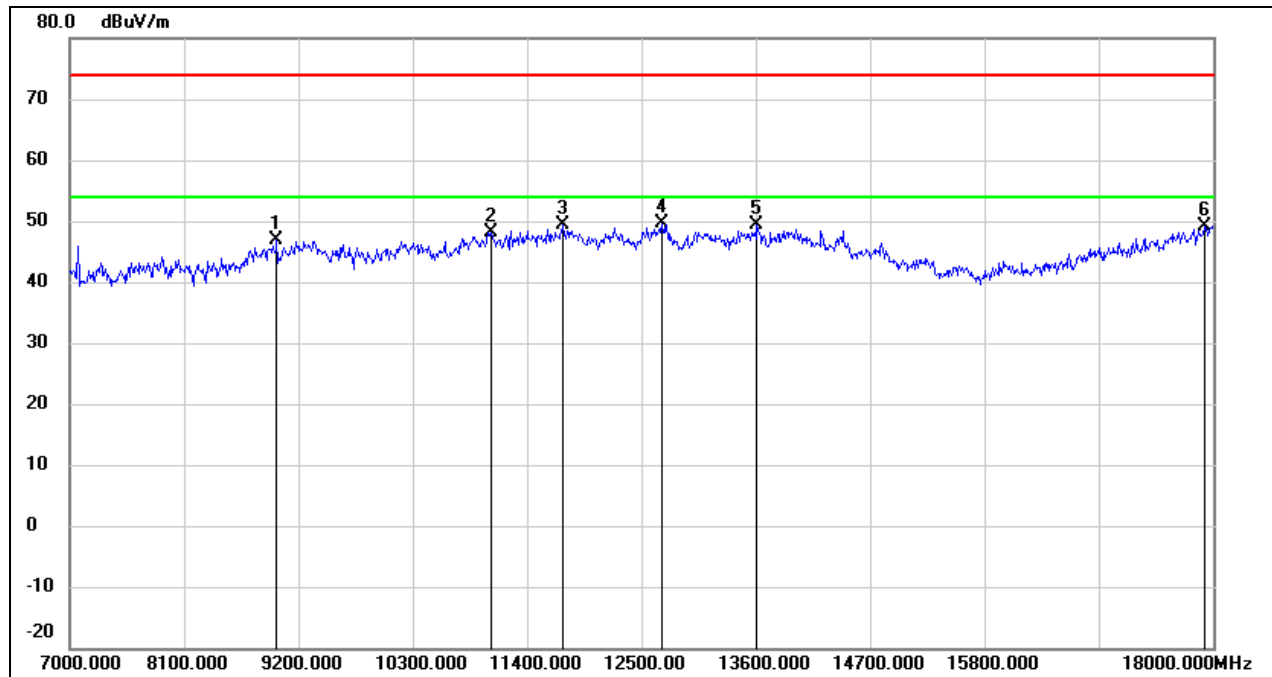
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	36.69	10.51	47.20	74.00	-26.80	peak
2	11466.000	32.42	16.63	49.05	74.00	-24.95	peak
3	11884.000	32.56	17.48	50.04	74.00	-23.96	peak
4	12654.000	31.43	18.01	49.44	74.00	-24.56	peak
5	13523.000	28.55	20.70	49.25	74.00	-24.75	peak
6	17978.000	23.29	25.97	49.26	74.00	-24.74	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5270
Polarity:	Vertical	Test Voltage:	DC 7.6 V



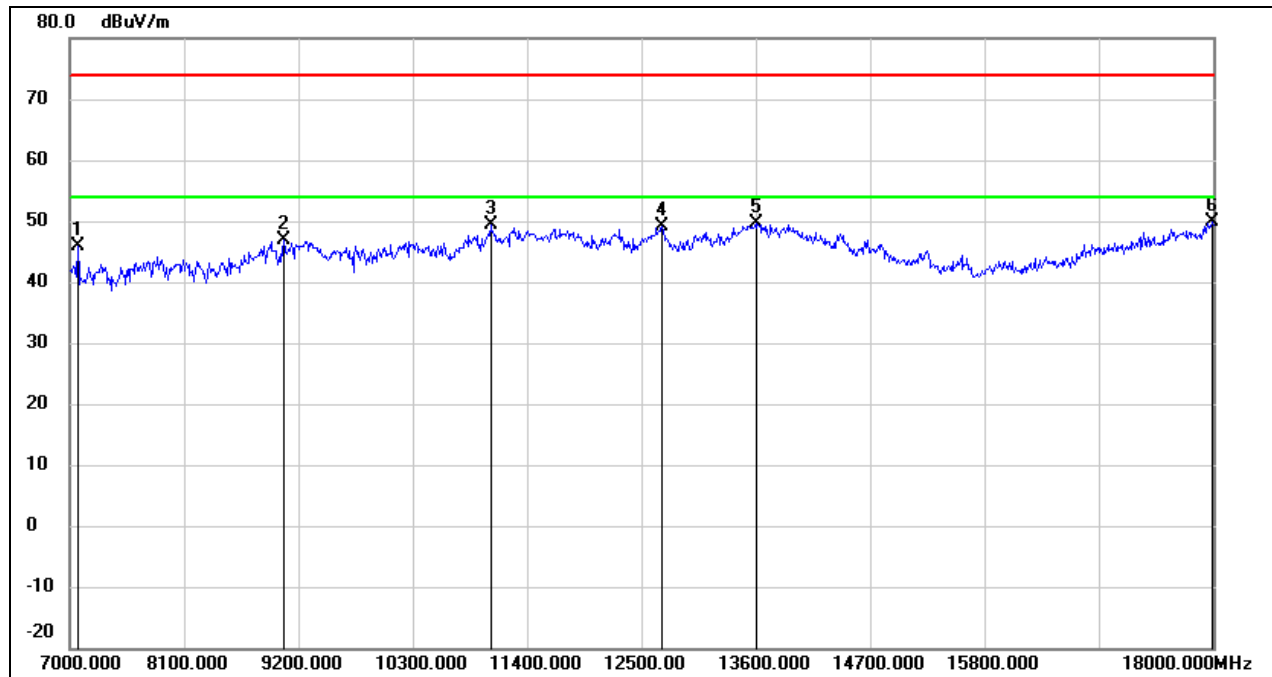
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7605.000	38.78	6.78	45.56	74.00	-28.44	peak
2	9244.000	36.18	10.49	46.67	74.00	-27.33	peak
3	11048.000	33.78	14.91	48.69	74.00	-25.31	peak
4	11851.000	31.12	17.43	48.55	74.00	-25.45	peak
5	13985.000	28.38	21.85	50.23	74.00	-23.77	peak
6	17956.000	24.65	25.82	50.47	74.00	-23.53	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



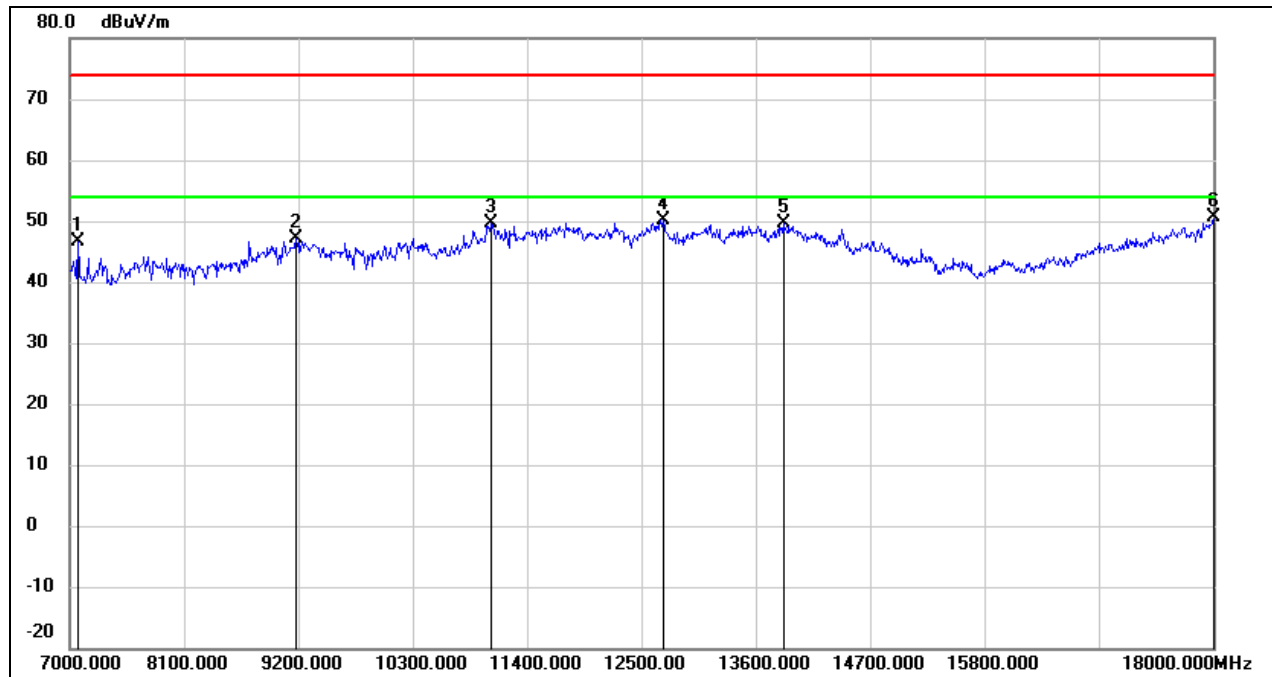
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	36.60	10.28	46.88	74.00	-27.12	peak
2	11059.000	33.23	14.96	48.19	74.00	-25.81	peak
3	11741.000	32.07	17.22	49.29	74.00	-24.71	peak
4	12698.000	31.61	18.08	49.69	74.00	-24.31	peak
5	13611.000	28.50	20.92	49.42	74.00	-24.58	peak
6	17923.000	23.62	25.60	49.22	74.00	-24.78	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5310
Polarity:	Vertical	Test Voltage:	DC 7.6 V



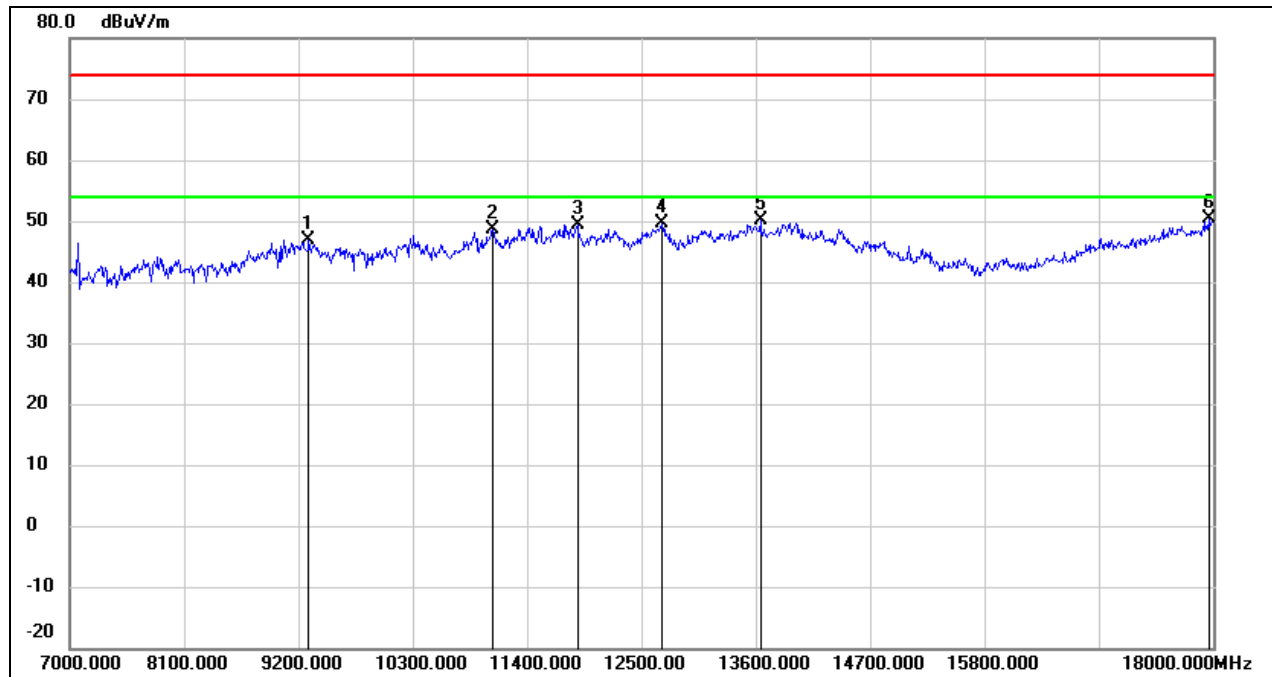
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7077.000	38.77	7.02	45.79	74.00	-28.21	peak
2	9057.000	36.44	10.38	46.82	74.00	-27.18	peak
3	11048.000	34.48	14.91	49.39	74.00	-24.61	peak
4	12698.000	31.01	18.08	49.09	74.00	-24.91	peak
5	13600.000	28.71	20.89	49.60	74.00	-24.40	peak
6	17989.000	23.88	26.04	49.92	74.00	-24.08	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



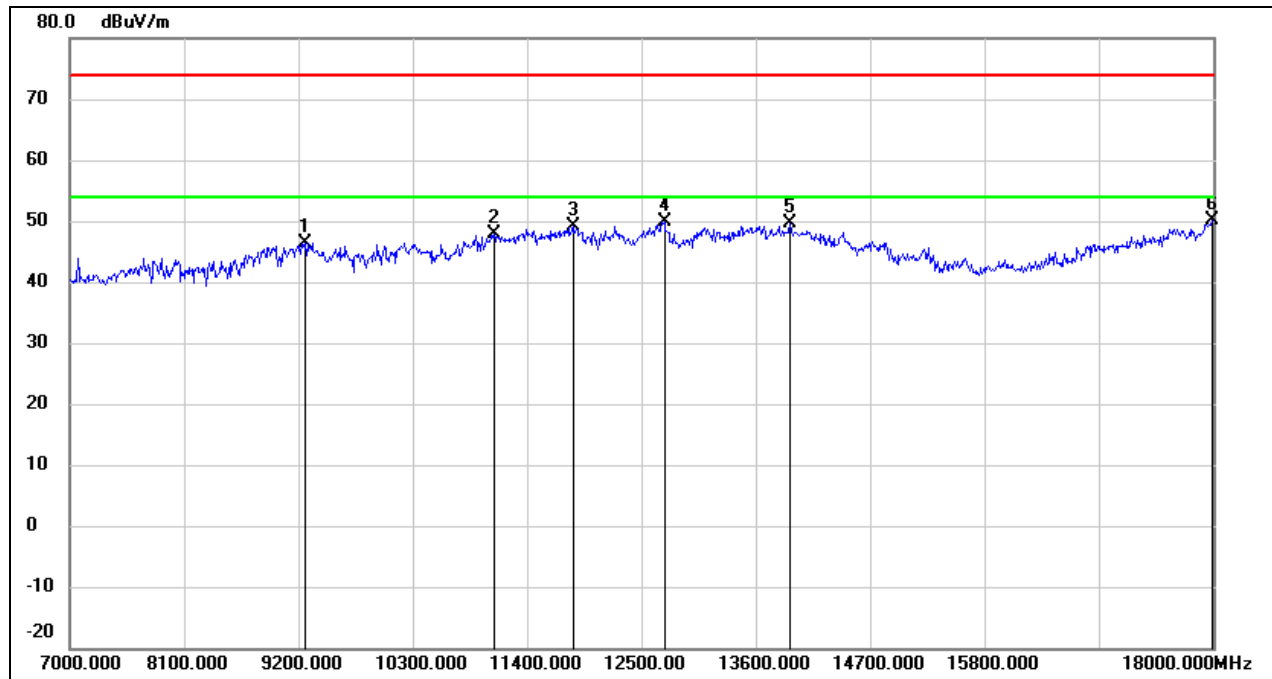
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7077.000	39.51	7.02	46.53	74.00	-27.47	peak
2	9178.000	36.74	10.45	47.19	74.00	-26.81	peak
3	11048.000	34.83	14.91	49.74	74.00	-24.26	peak
4	12709.000	32.15	18.09	50.24	74.00	-23.76	peak
5	13864.000	28.12	21.53	49.65	74.00	-24.35	peak
6	18000.000	24.48	26.12	50.60	74.00	-23.40	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5510
Polarity:	Vertical	Test Voltage:	DC 7.6 V



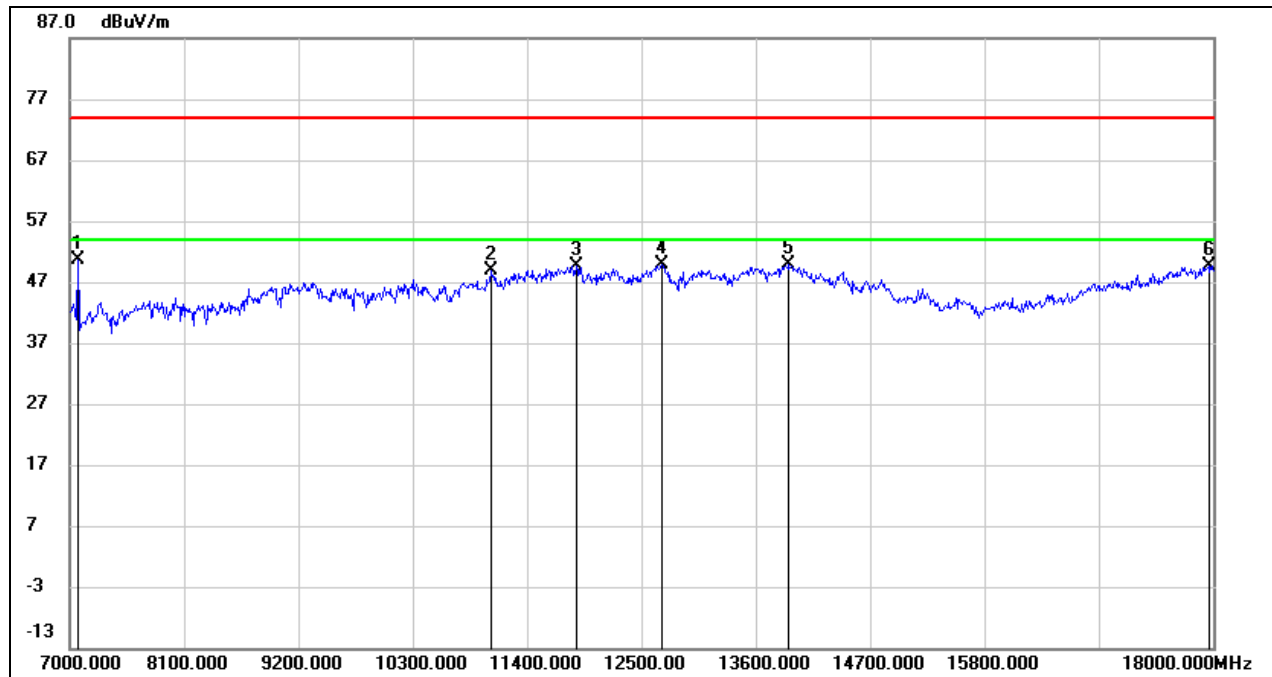
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9299.000	36.33	10.53	46.86	74.00	-27.14	peak
2	11070.000	33.53	15.01	48.54	74.00	-25.46	peak
3	11884.000	31.89	17.48	49.37	74.00	-24.63	peak
4	12698.000	31.57	18.08	49.65	74.00	-24.35	peak
5	13644.000	29.20	20.99	50.19	74.00	-23.81	peak
6	17956.000	24.44	25.82	50.26	74.00	-23.74	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



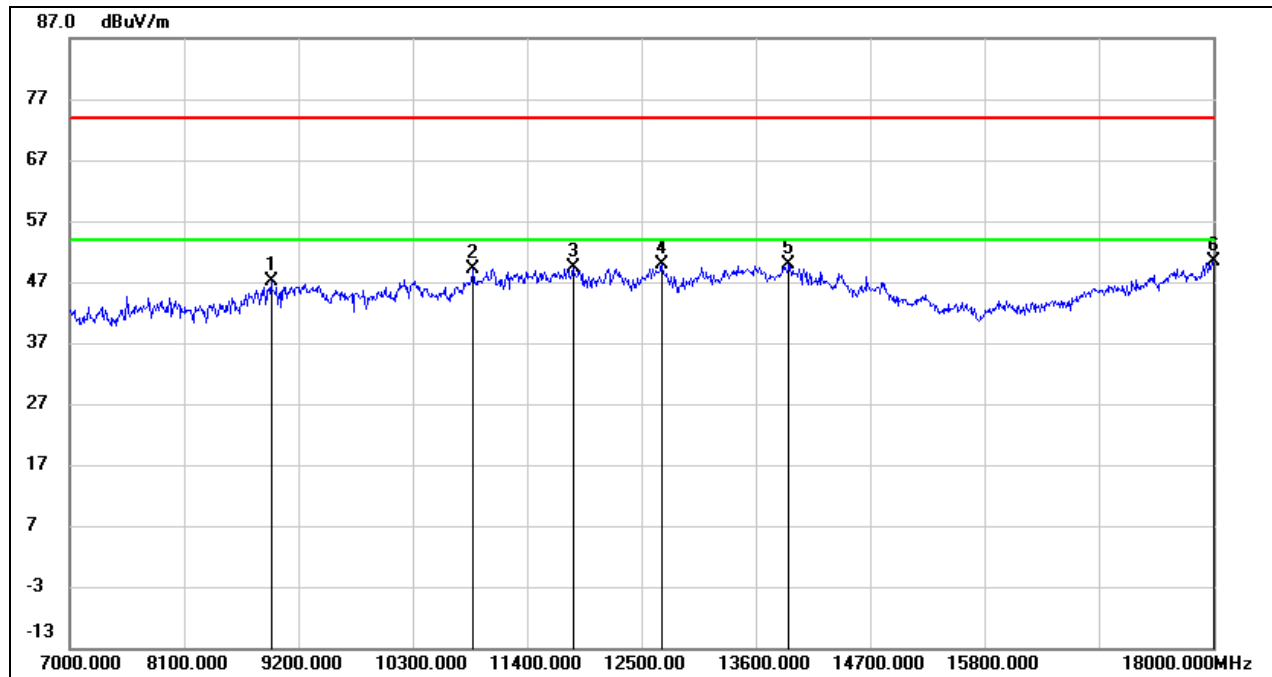
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	35.98	10.51	46.49	74.00	-27.51	peak
2	11081.000	32.76	15.05	47.81	74.00	-26.19	peak
3	11840.000	31.77	17.40	49.17	74.00	-24.83	peak
4	12720.000	31.88	18.09	49.97	74.00	-24.03	peak
5	13930.000	28.01	21.71	49.72	74.00	-24.28	peak
6	17989.000	24.02	26.04	50.06	74.00	-23.94	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5550
Polarity:	Vertical	Test Voltage:	DC 7.6 V



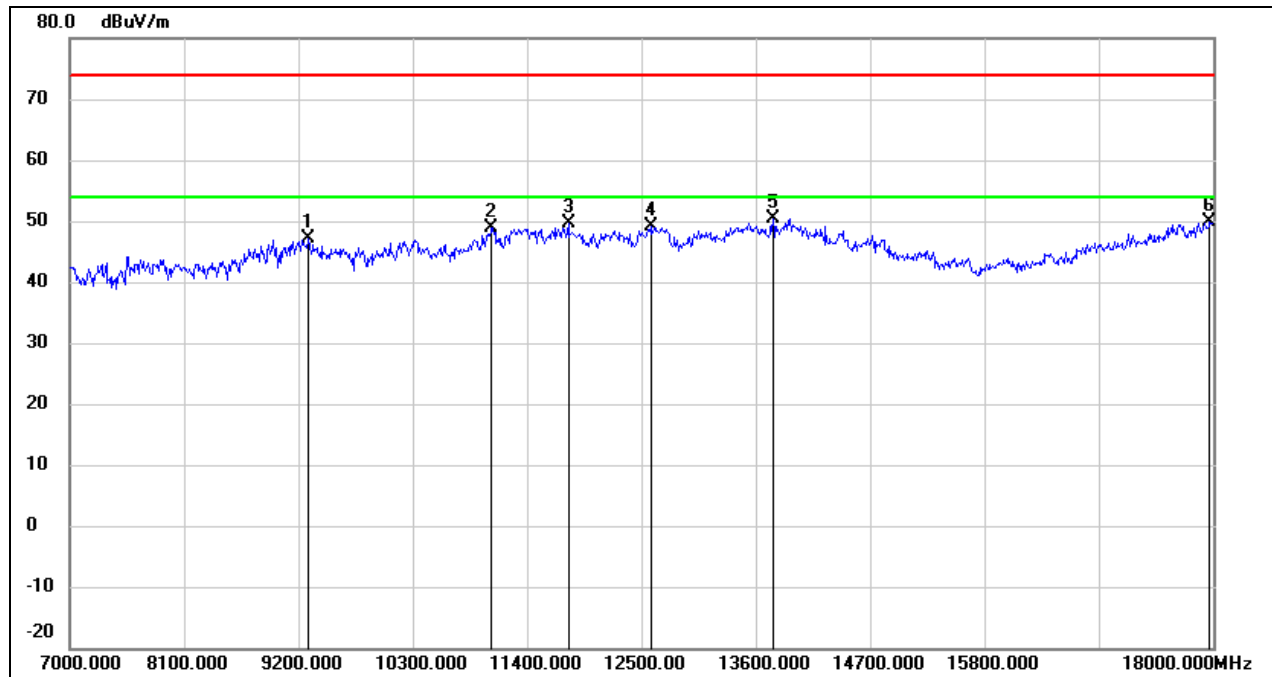
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7077.000	43.71	7.02	50.73	74.00	-23.27	peak
2	11048.000	33.86	14.91	48.77	74.00	-25.23	peak
3	11873.000	32.20	17.46	49.66	74.00	-24.34	peak
4	12698.000	31.69	18.08	49.77	74.00	-24.23	peak
5	13919.000	28.18	21.68	49.86	74.00	-24.14	peak
6	17956.000	23.75	25.82	49.57	74.00	-24.43	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



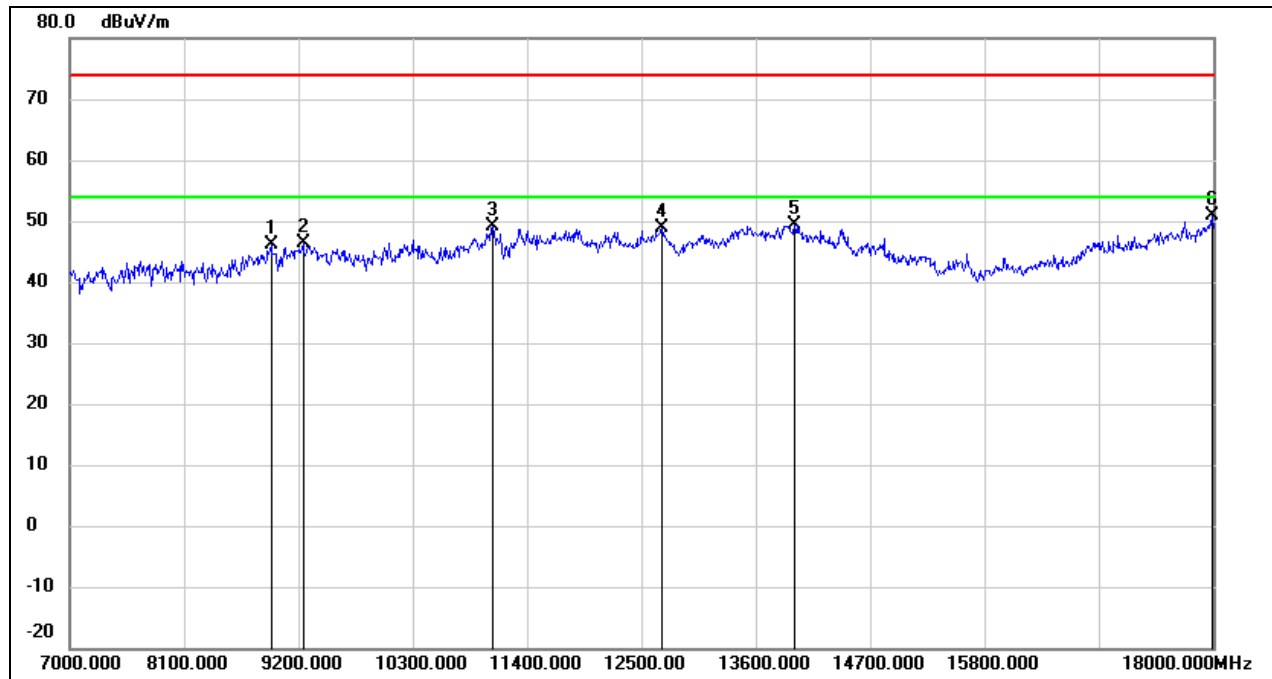
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	37.18	9.90	47.08	74.00	-26.92	peak
2	10883.000	34.83	14.27	49.10	74.00	-24.90	peak
3	11840.000	31.90	17.40	49.30	74.00	-24.70	peak
4	12698.000	31.75	18.08	49.83	74.00	-24.17	peak
5	13919.000	28.15	21.68	49.83	74.00	-24.17	peak
6	18000.000	24.23	26.12	50.35	74.00	-23.65	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5670
Polarity:	Vertical	Test Voltage:	DC 7.6 V



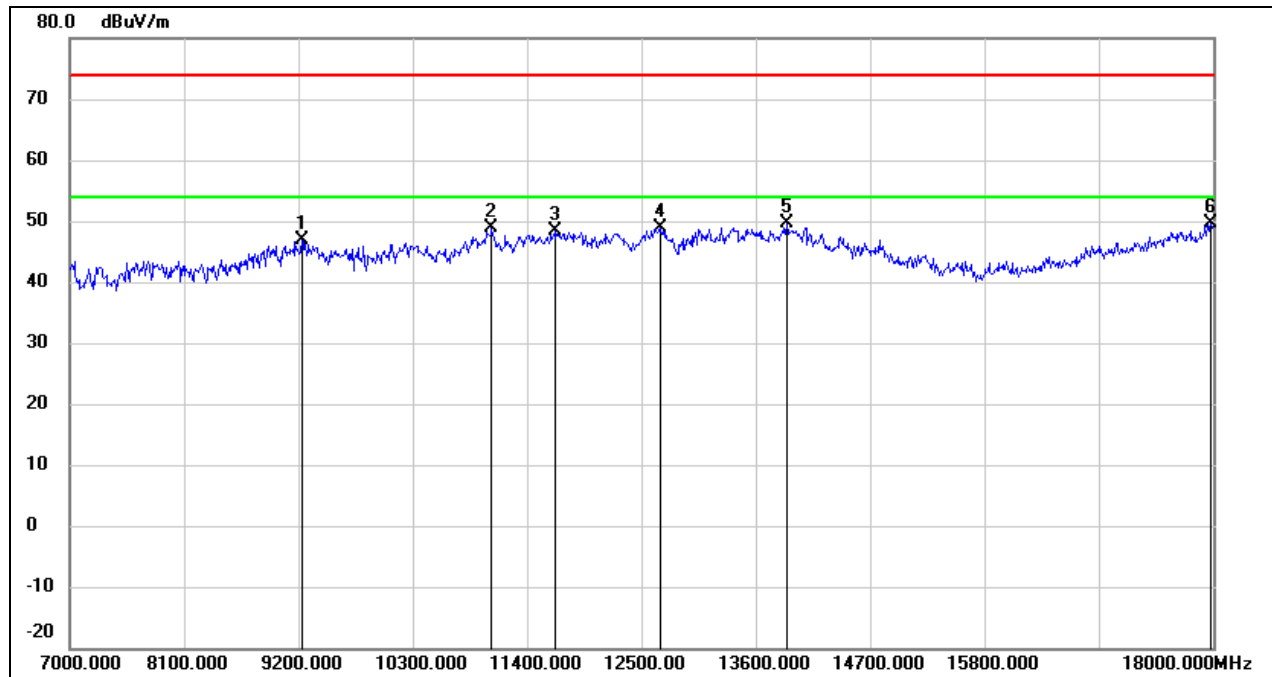
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9299.000	36.50	10.53	47.03	74.00	-26.97	peak
2	11059.000	34.04	14.96	49.00	74.00	-25.00	peak
3	11796.000	32.42	17.32	49.74	74.00	-24.26	peak
4	12599.000	31.28	17.95	49.23	74.00	-24.77	peak
5	13765.000	29.07	21.30	50.37	74.00	-23.63	peak
6	17967.000	24.06	25.89	49.95	74.00	-24.05	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5710
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



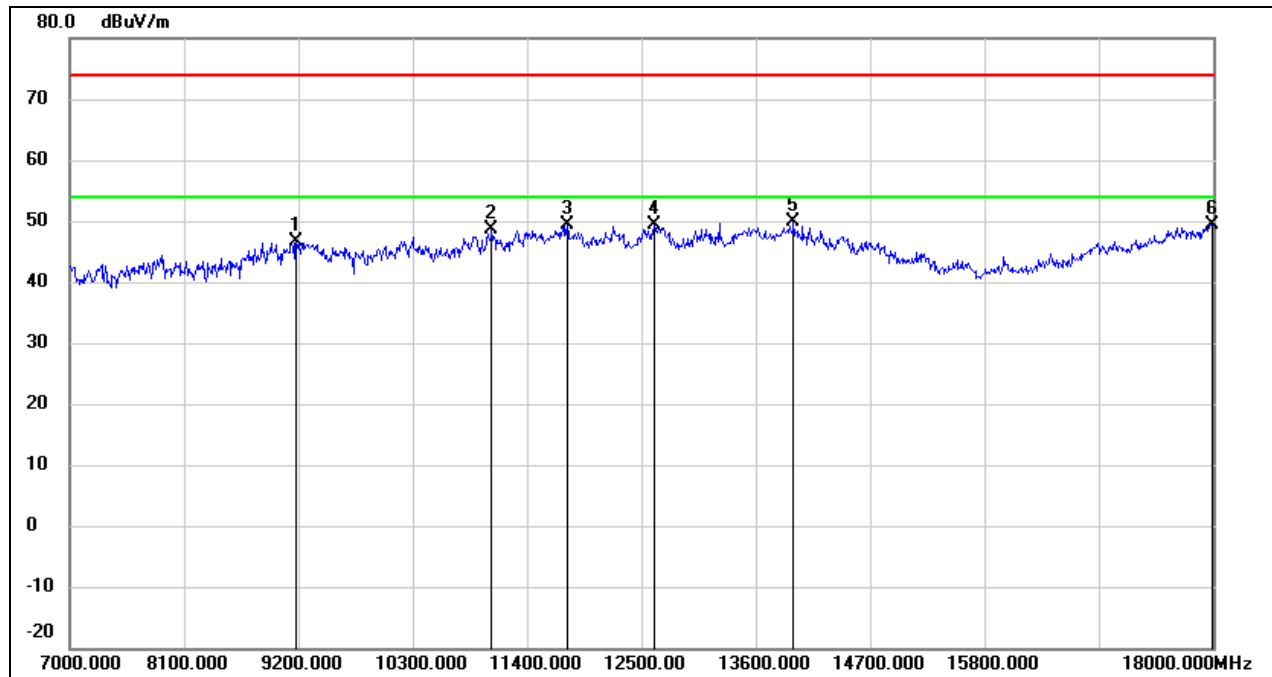
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	36.28	9.90	46.18	74.00	-27.82	peak
2	9244.000	35.82	10.49	46.31	74.00	-27.69	peak
3	11070.000	34.00	15.01	49.01	74.00	-24.99	peak
4	12698.000	30.71	18.08	48.79	74.00	-25.21	peak
5	13974.000	27.52	21.82	49.34	74.00	-24.66	peak
6	17989.000	24.82	26.04	50.86	74.00	-23.14	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5710
Polarity:	Vertical	Test Voltage:	DC 7.6 V



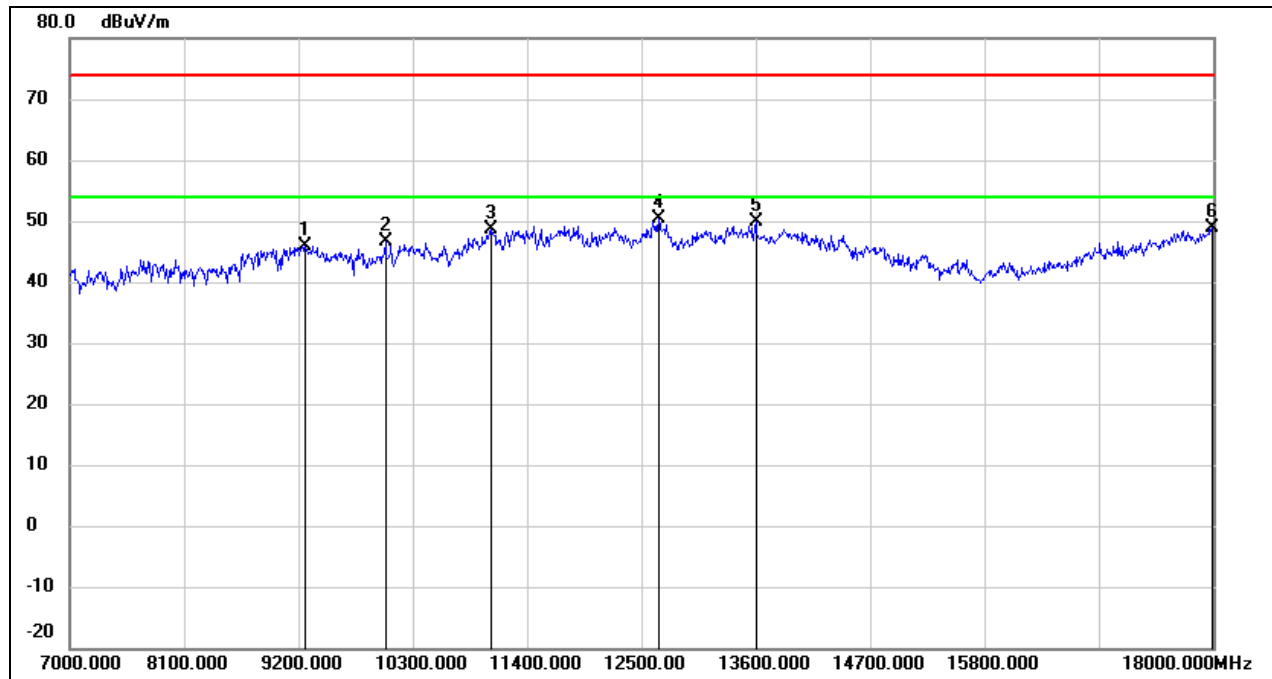
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9233.000	36.40	10.48	46.88	74.00	-27.12	peak
2	11059.000	34.03	14.96	48.99	74.00	-25.01	peak
3	11664.000	31.20	17.08	48.28	74.00	-25.72	peak
4	12676.000	30.88	18.05	48.93	74.00	-25.07	peak
5	13897.000	27.91	21.62	49.53	74.00	-24.47	peak
6	17978.000	23.63	25.97	49.60	74.00	-24.40	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



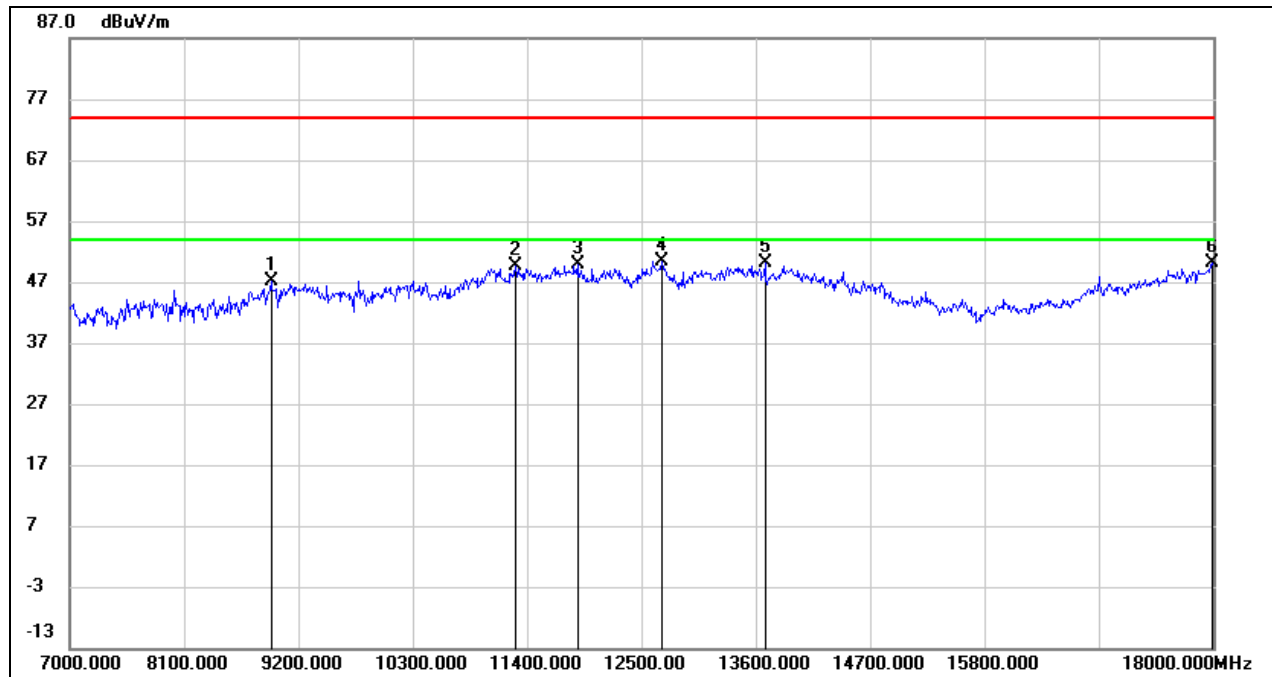
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9178.000	36.19	10.45	46.64	74.00	-27.36	peak
2	11059.000	33.71	14.96	48.67	74.00	-25.33	peak
3	11785.000	31.97	17.30	49.27	74.00	-24.73	peak
4	12621.000	31.36	17.98	49.34	74.00	-24.66	peak
5	13963.000	28.11	21.78	49.89	74.00	-24.11	peak
6	17989.000	23.30	26.04	49.34	74.00	-24.66	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5755
Polarity:	Vertical	Test Voltage:	DC 7.6 V



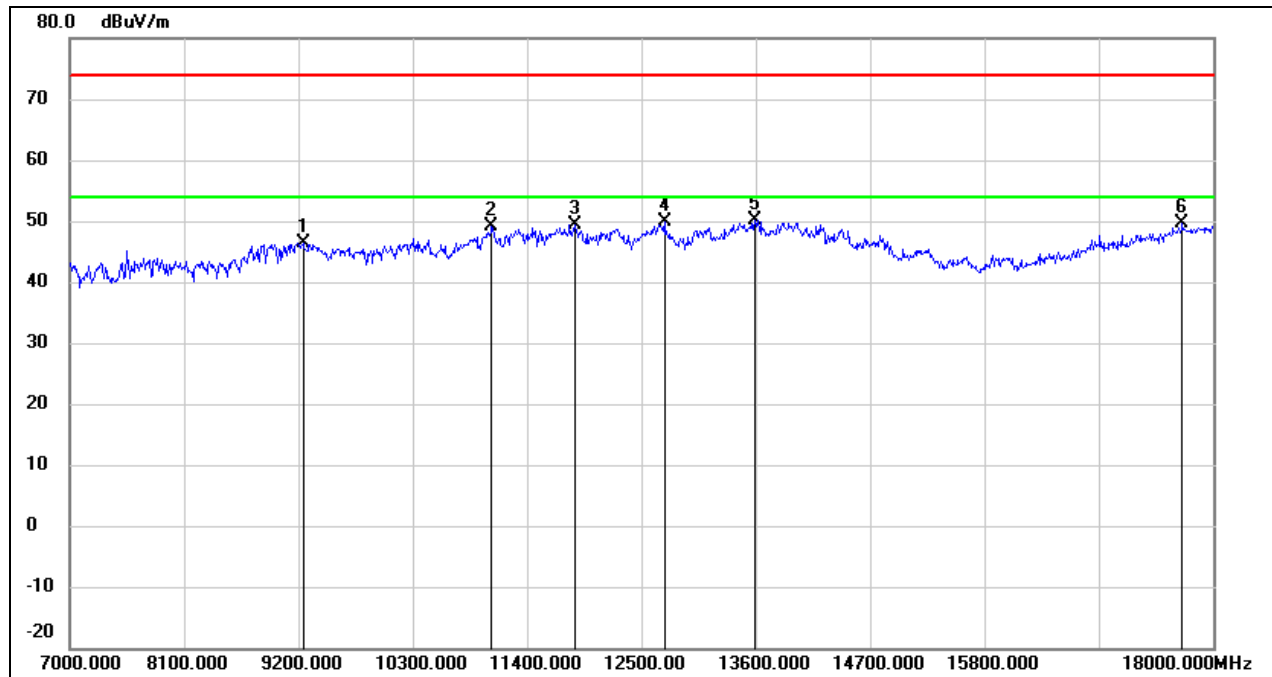
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	35.42	10.51	45.93	74.00	-28.07	peak
2	10036.000	34.77	11.84	46.61	74.00	-27.39	peak
3	11059.000	33.59	14.96	48.55	74.00	-25.45	peak
4	12665.000	32.44	18.04	50.48	74.00	-23.52	peak
5	13600.000	28.91	20.89	49.80	74.00	-24.20	peak
6	17989.000	22.93	26.04	48.97	74.00	-25.03	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



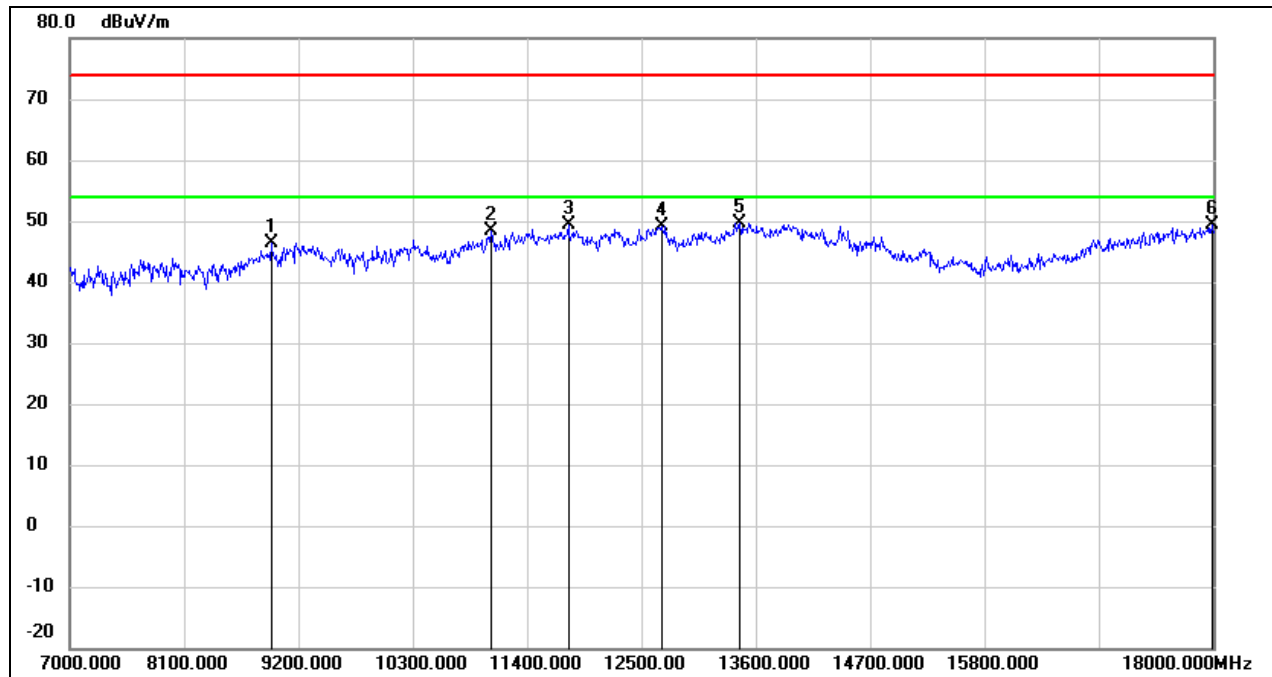
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	37.20	9.90	47.10	74.00	-26.90	peak
2	11290.000	33.67	15.90	49.57	74.00	-24.43	peak
3	11884.000	32.29	17.48	49.77	74.00	-24.23	peak
4	12698.000	32.25	18.08	50.33	74.00	-23.67	peak
5	13688.000	28.91	21.10	50.01	74.00	-23.99	peak
6	17989.000	23.99	26.04	50.03	74.00	-23.97	peak

Test Mode:	802.11n HT40	Frequency(MHz):	5795
Polarity:	Vertical	Test Voltage:	DC 7.6 V



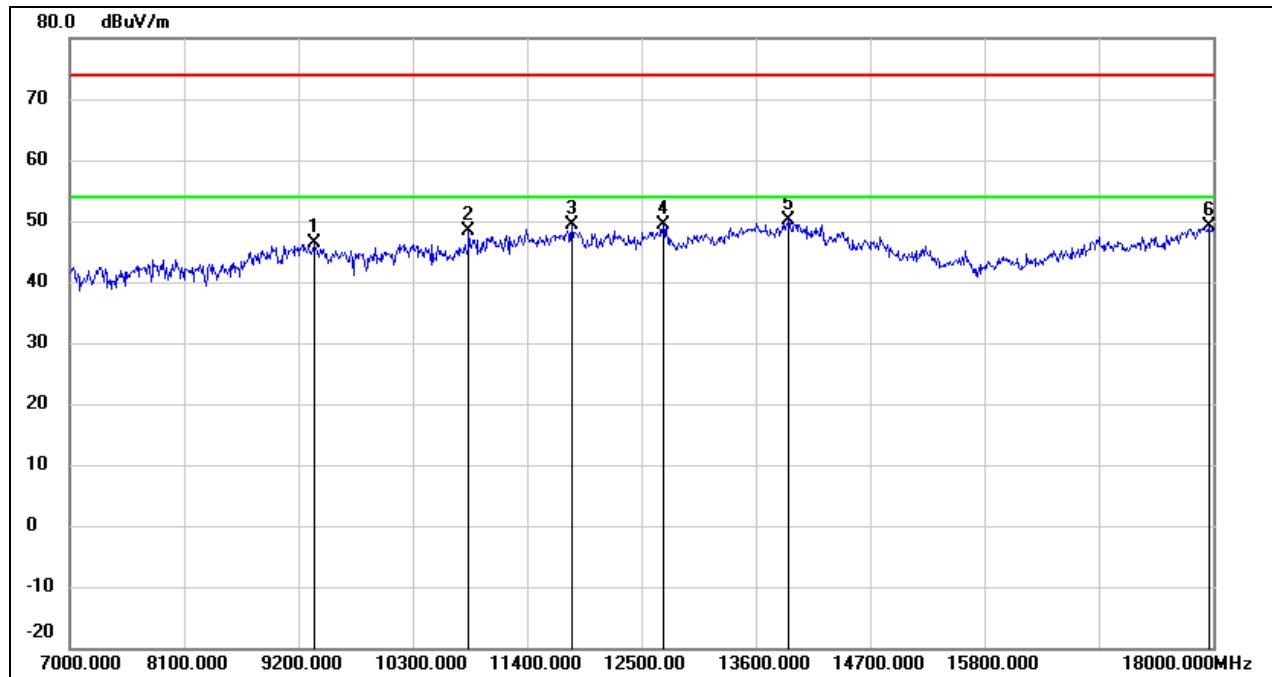
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	35.90	10.49	46.39	74.00	-27.61	peak
2	11059.000	34.23	14.96	49.19	74.00	-24.81	peak
3	11862.000	32.02	17.45	49.47	74.00	-24.53	peak
4	12720.000	31.81	18.09	49.90	74.00	-24.10	peak
5	13589.000	29.37	20.86	50.23	74.00	-23.77	peak
6	17703.000	25.54	24.09	49.63	74.00	-24.37	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



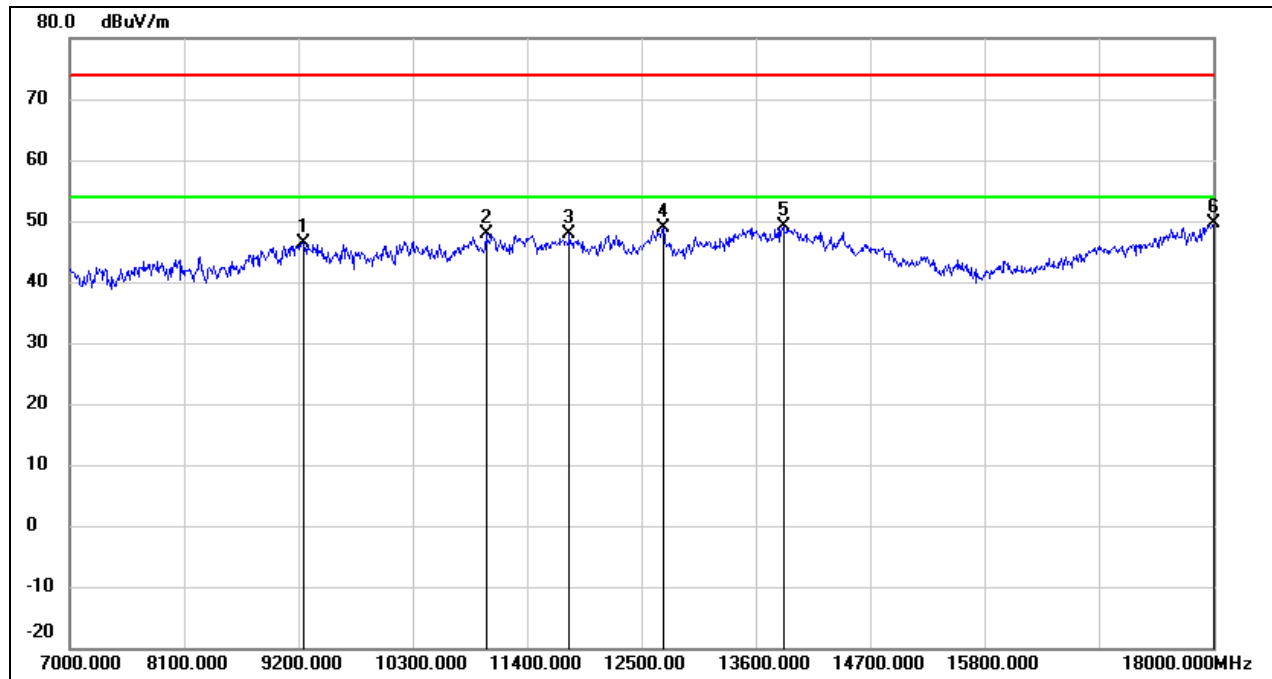
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	36.42	9.90	46.32	74.00	-27.68	peak
2	11048.000	33.50	14.91	48.41	74.00	-25.59	peak
3	11796.000	32.01	17.32	49.33	74.00	-24.67	peak
4	12698.000	31.16	18.08	49.24	74.00	-24.76	peak
5	13446.000	29.24	20.41	49.65	74.00	-24.35	peak
6	17989.000	23.23	26.04	49.27	74.00	-24.73	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5210
Polarity:	Vertical	Test Voltage:	DC 7.6 V



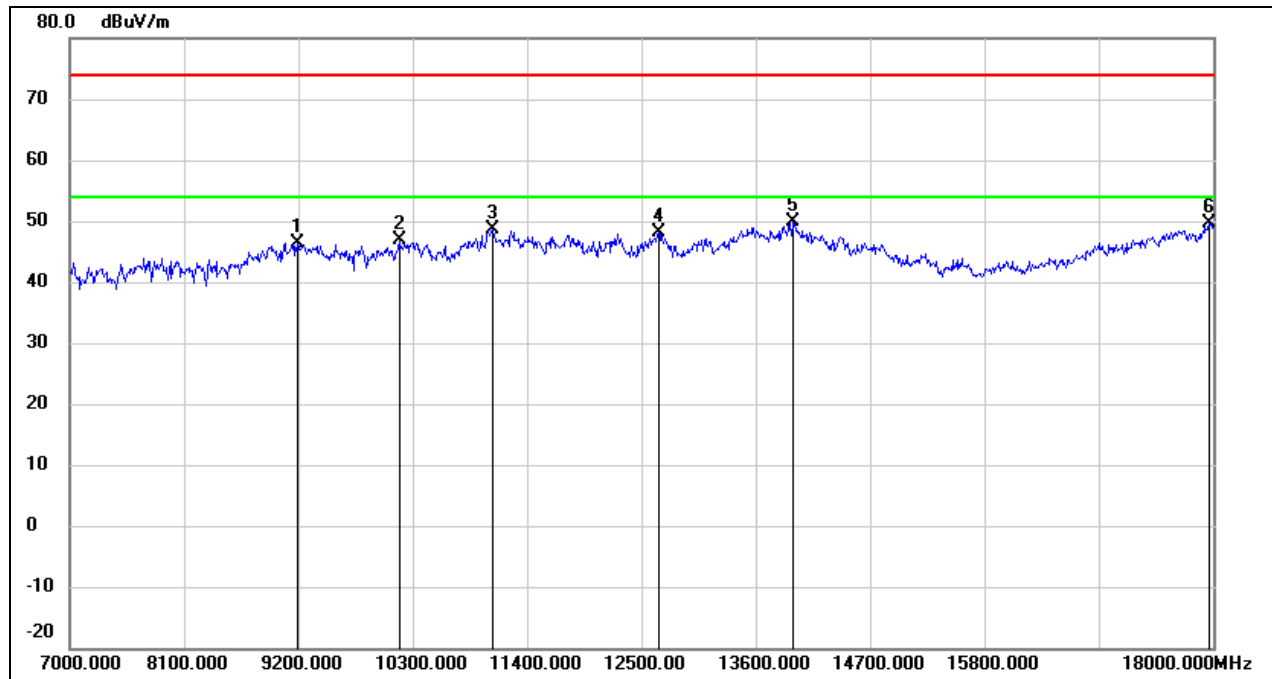
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.000	35.81	10.56	46.37	74.00	-27.63	peak
2	10839.000	34.27	14.10	48.37	74.00	-25.63	peak
3	11829.000	32.11	17.38	49.49	74.00	-24.51	peak
4	12709.000	31.22	18.09	49.31	74.00	-24.69	peak
5	13919.000	28.45	21.68	50.13	74.00	-23.87	peak
6	17956.000	23.25	25.82	49.07	74.00	-24.93	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5290
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



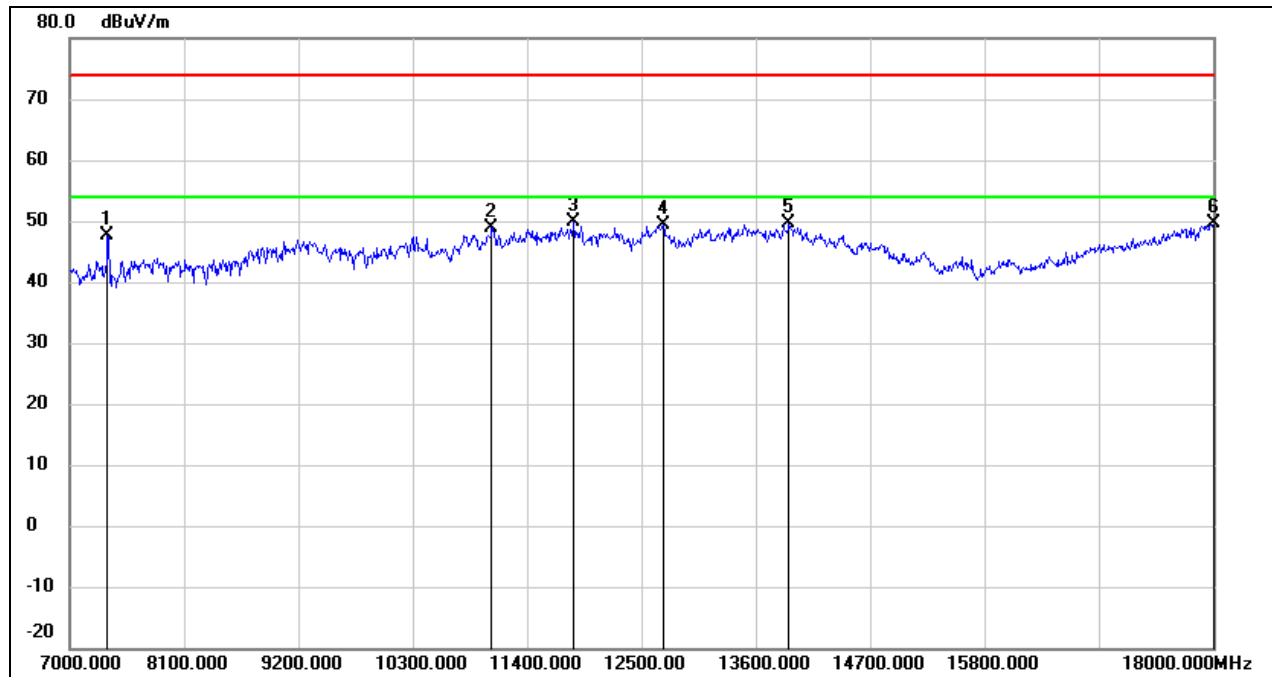
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9244.000	35.84	10.49	46.33	74.00	-27.67	peak
2	11004.000	33.15	14.74	47.89	74.00	-26.11	peak
3	11807.000	30.51	17.34	47.85	74.00	-26.15	peak
4	12709.000	30.82	18.09	48.91	74.00	-25.09	peak
5	13864.000	27.63	21.53	49.16	74.00	-24.84	peak
6	18000.000	23.43	26.12	49.55	74.00	-24.45	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5290
Polarity:	Vertical	Test Voltage:	DC 7.6 V



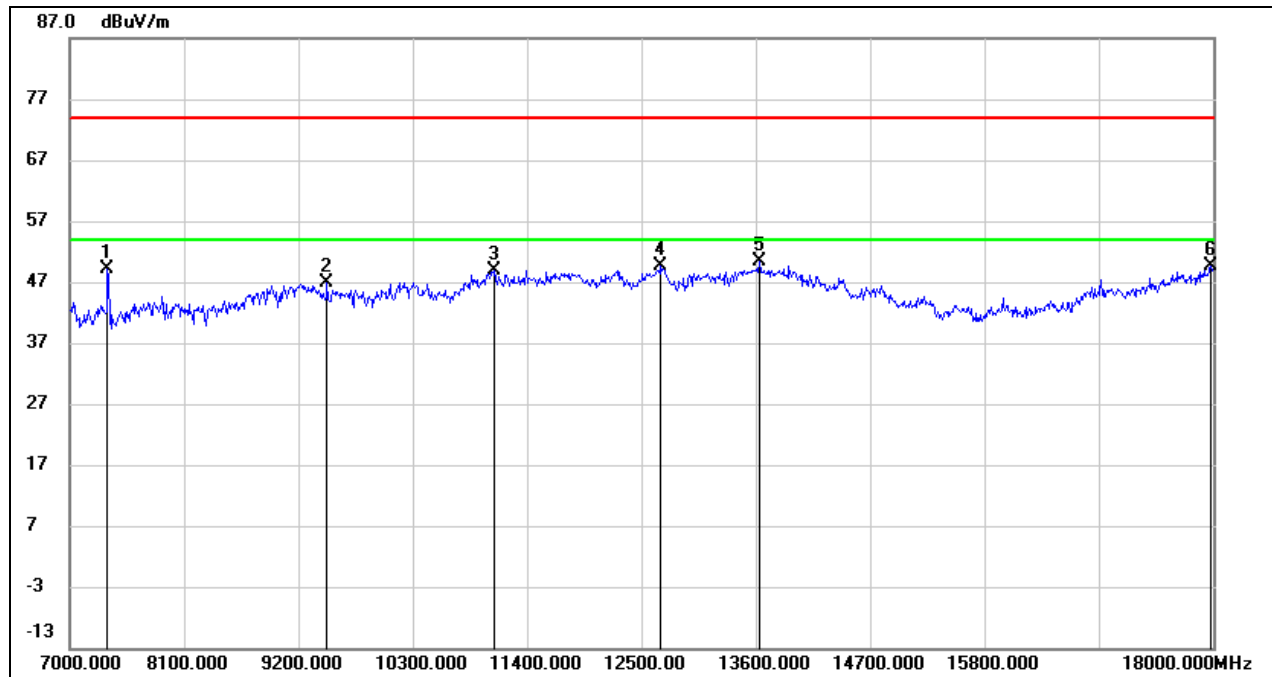
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	35.98	10.46	46.44	74.00	-27.56	peak
2	10168.000	34.83	12.13	46.96	74.00	-27.04	peak
3	11070.000	33.57	15.01	48.58	74.00	-25.42	peak
4	12665.000	29.99	18.04	48.03	74.00	-25.97	peak
5	13952.000	28.05	21.76	49.81	74.00	-24.19	peak
6	17956.000	23.90	25.82	49.72	74.00	-24.28	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5530
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



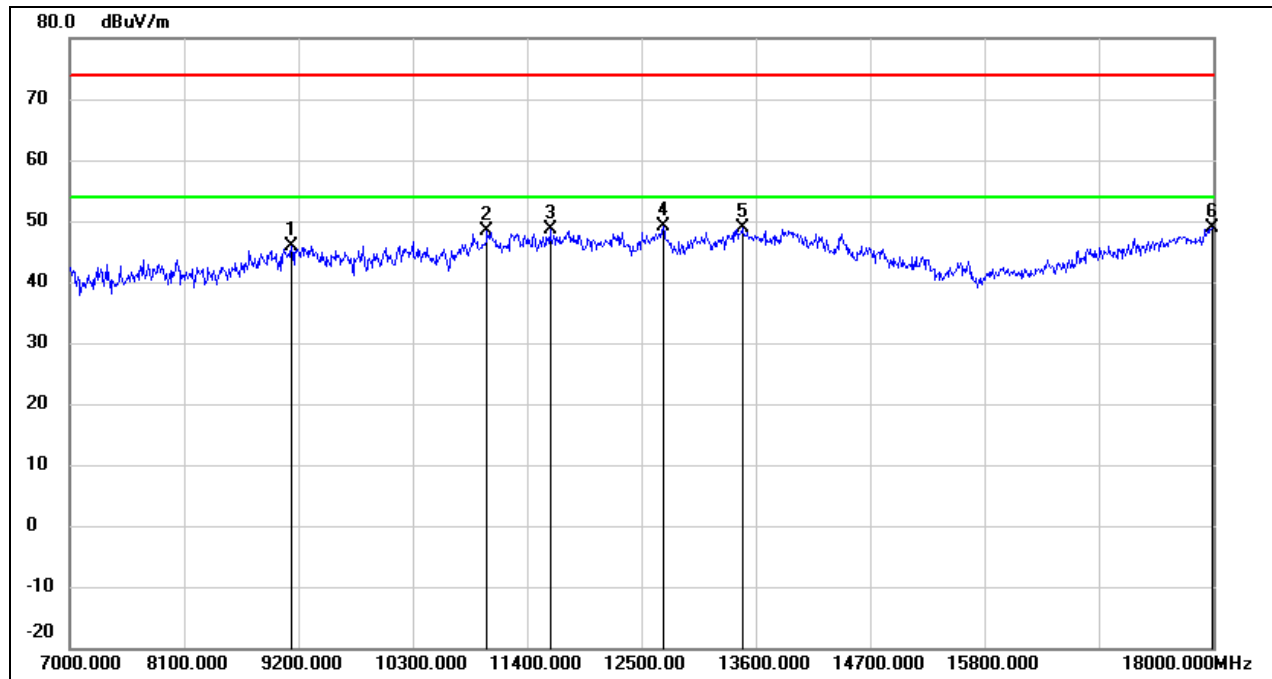
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7363.000	40.65	6.92	47.57	74.00	-26.43	peak
2	11059.000	34.04	14.96	49.00	74.00	-25.00	peak
3	11851.000	32.35	17.43	49.78	74.00	-24.22	peak
4	12709.000	31.19	18.09	49.28	74.00	-24.72	peak
5	13919.000	27.93	21.68	49.61	74.00	-24.39	peak
6	18000.000	23.59	26.12	49.71	74.00	-24.29	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5530
Polarity:	Vertical	Test Voltage:	DC 7.6 V



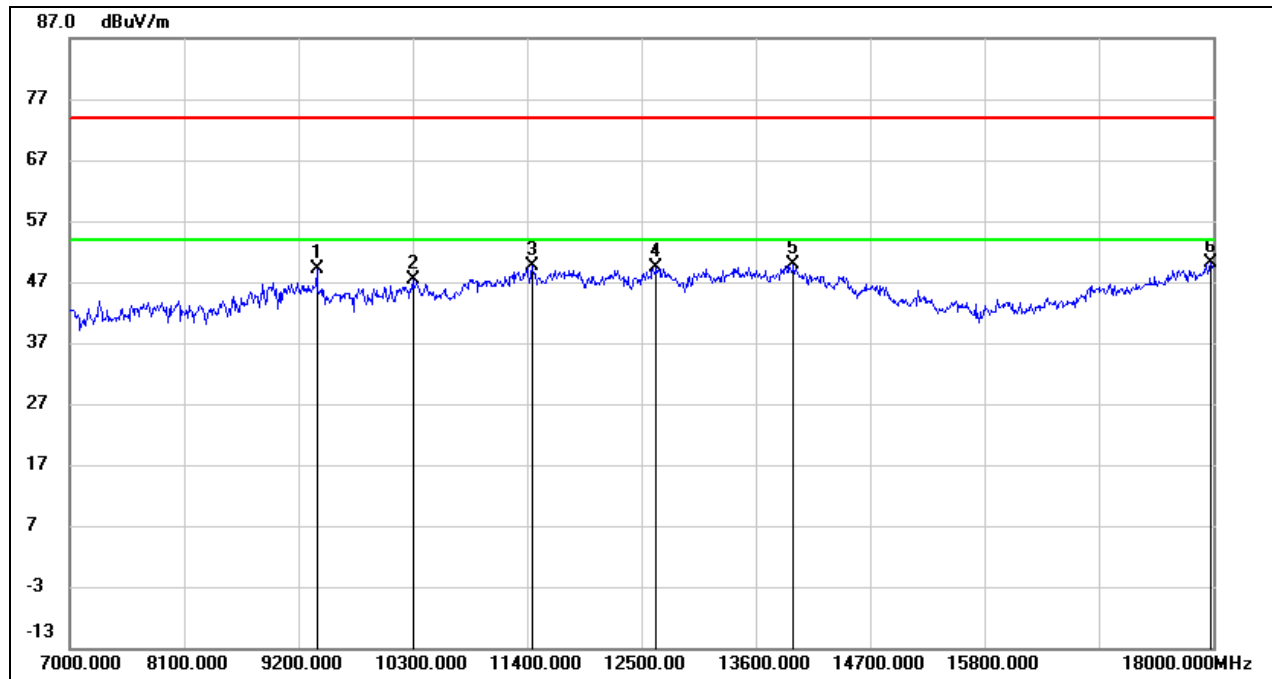
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7363.000	42.23	6.92	49.15	74.00	-24.85	peak
2	9475.000	36.16	10.64	46.80	74.00	-27.20	peak
3	11081.000	33.79	15.05	48.84	74.00	-25.16	peak
4	12687.000	31.46	18.05	49.51	74.00	-24.49	peak
5	13633.000	29.39	20.97	50.36	74.00	-23.64	peak
6	17978.000	23.55	25.97	49.52	74.00	-24.48	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5610
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



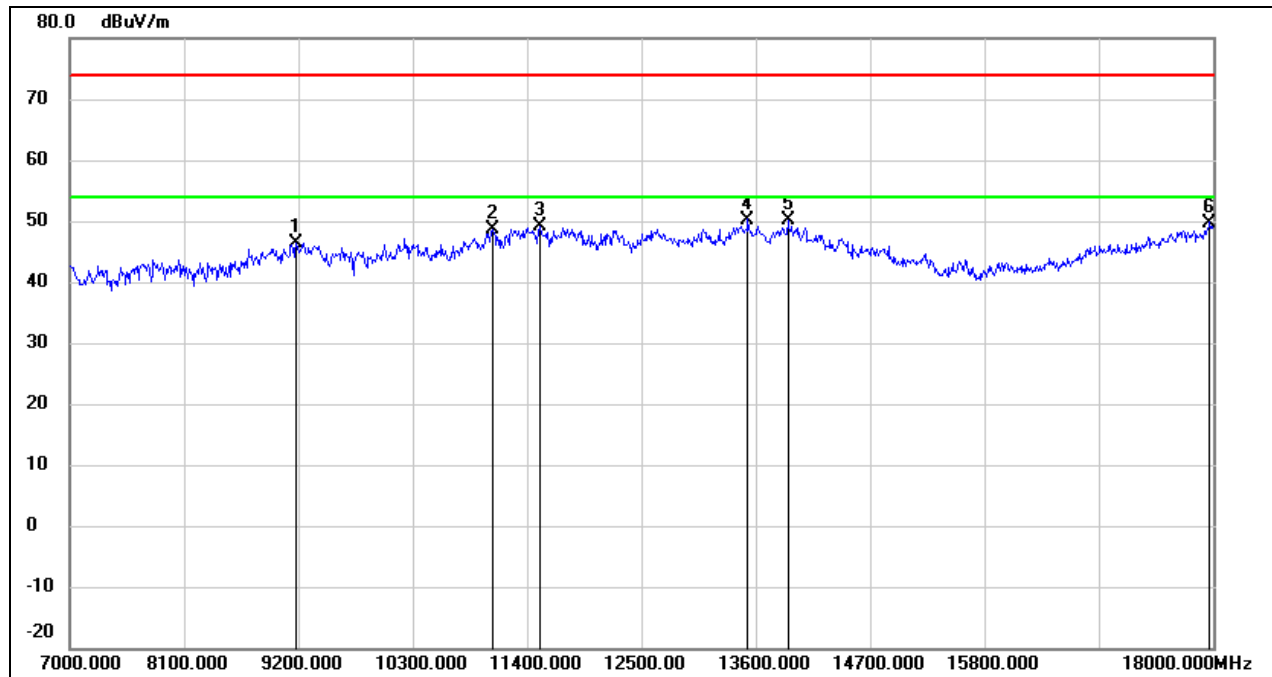
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9134.000	35.48	10.41	45.89	74.00	-28.11	peak
2	11015.000	33.52	14.79	48.31	74.00	-25.69	peak
3	11620.000	31.74	16.99	48.73	74.00	-25.27	peak
4	12709.000	30.95	18.09	49.04	74.00	-24.96	peak
5	13468.000	28.29	20.50	48.79	74.00	-25.21	peak
6	17989.000	22.86	26.04	48.90	74.00	-25.10	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5610
Polarity:	Vertical	Test Voltage:	DC 7.6 V



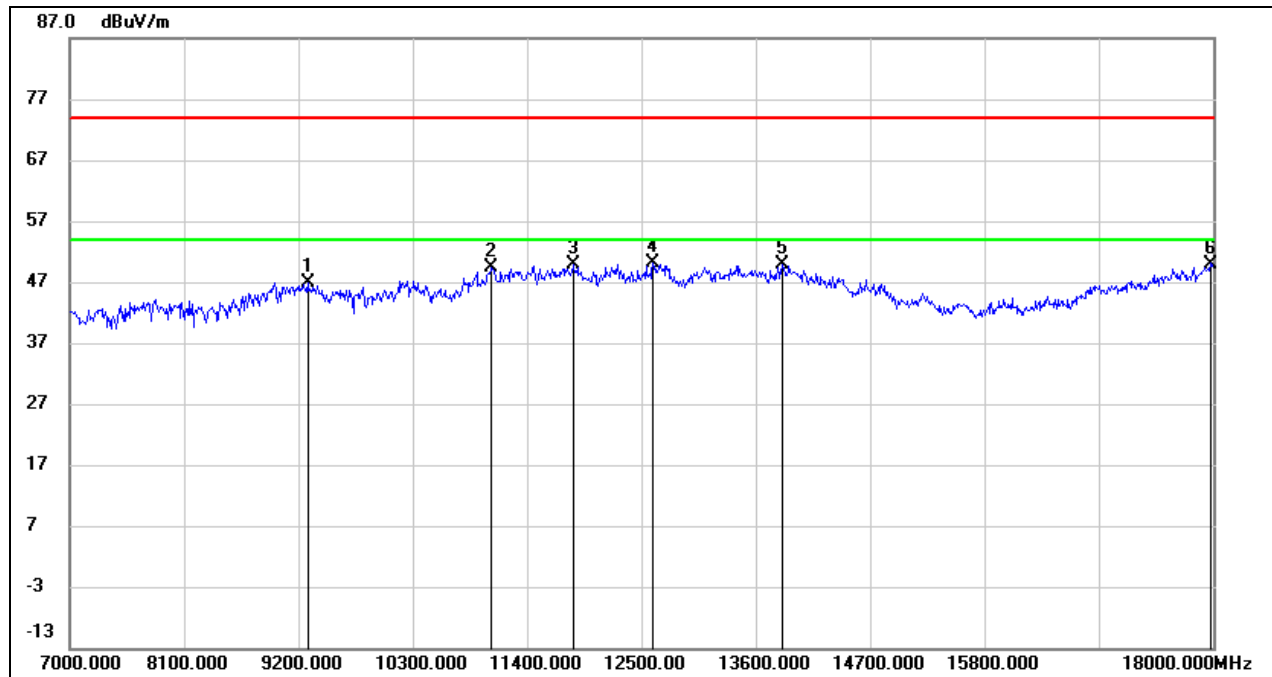
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	38.52	10.58	49.10	74.00	-24.90	peak
2	10300.000	34.92	12.40	47.32	74.00	-26.68	peak
3	11444.000	32.99	16.53	49.52	74.00	-24.48	peak
4	12643.000	31.30	18.01	49.31	74.00	-24.69	peak
5	13963.000	28.03	21.78	49.81	74.00	-24.19	peak
6	17978.000	24.09	25.97	50.06	74.00	-23.94	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5690
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



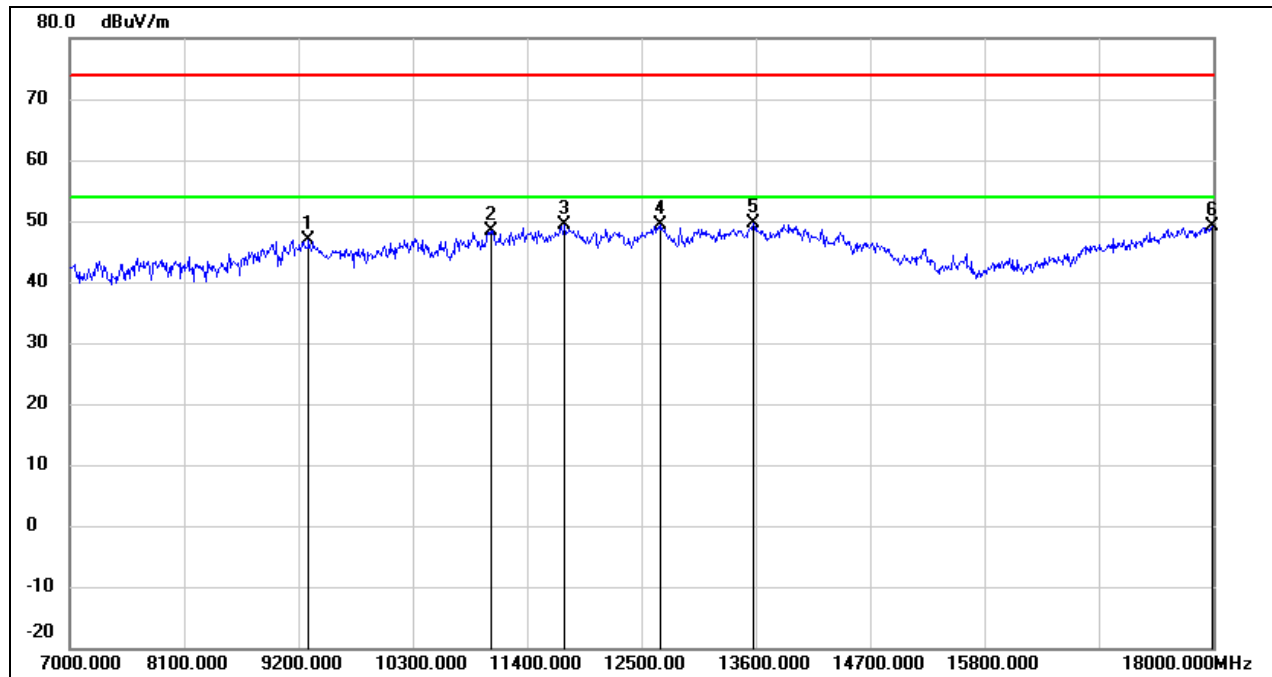
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9178.000	36.01	10.45	46.46	74.00	-27.54	peak
2	11070.000	33.65	15.01	48.66	74.00	-25.34	peak
3	11521.000	32.24	16.82	49.06	74.00	-24.94	peak
4	13523.000	29.55	20.70	50.25	74.00	-23.75	peak
5	13908.000	28.58	21.66	50.24	74.00	-23.76	peak
6	17967.000	23.86	25.89	49.75	74.00	-24.25	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5690
Polarity:	Vertical	Test Voltage:	DC 7.6 V



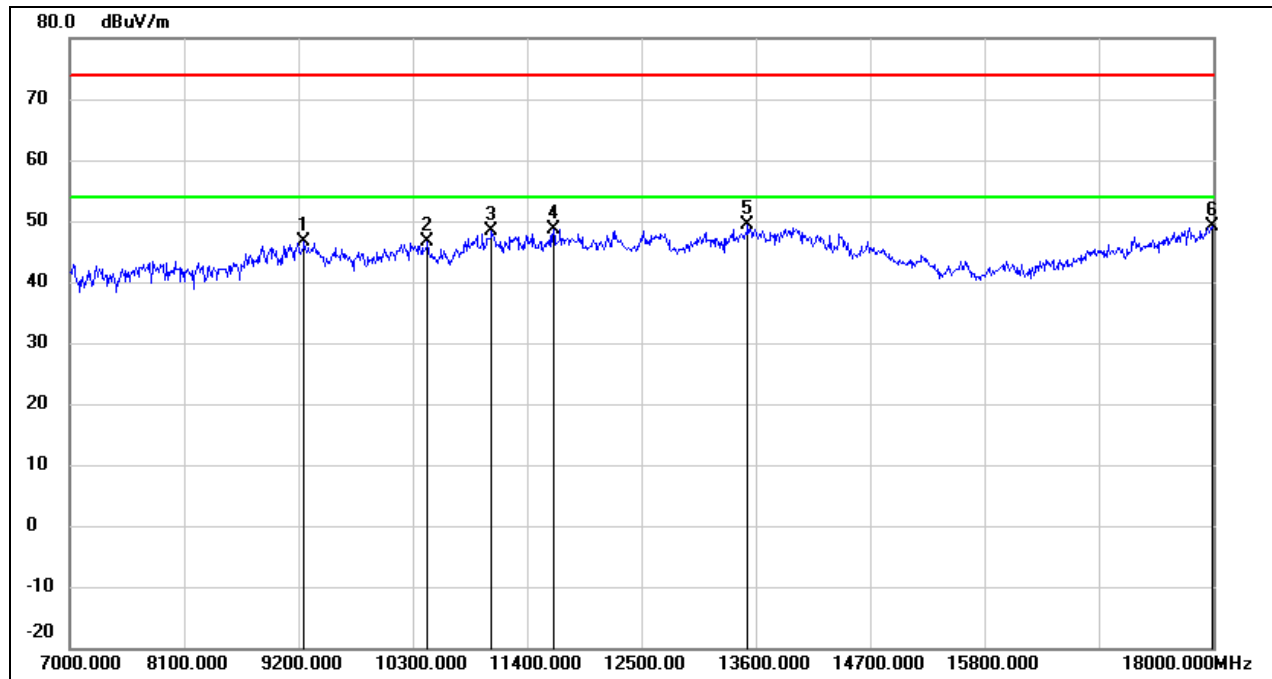
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9288.000	36.34	10.52	46.86	74.00	-27.14	peak
2	11059.000	34.41	14.96	49.37	74.00	-24.63	peak
3	11840.000	32.51	17.40	49.91	74.00	-24.09	peak
4	12610.000	32.25	17.97	50.22	74.00	-23.78	peak
5	13853.000	28.25	21.52	49.77	74.00	-24.23	peak
6	17978.000	24.03	25.97	50.00	74.00	-24.00	peak

Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9299.000	36.32	10.53	46.85	74.00	-27.15	peak
2	11048.000	33.55	14.91	48.46	74.00	-25.54	peak
3	11763.000	32.17	17.26	49.43	74.00	-24.57	peak
4	12676.000	31.27	18.05	49.32	74.00	-24.68	peak
5	13578.000	28.74	20.83	49.57	74.00	-24.43	peak
6	17989.000	23.13	26.04	49.17	74.00	-24.83	peak

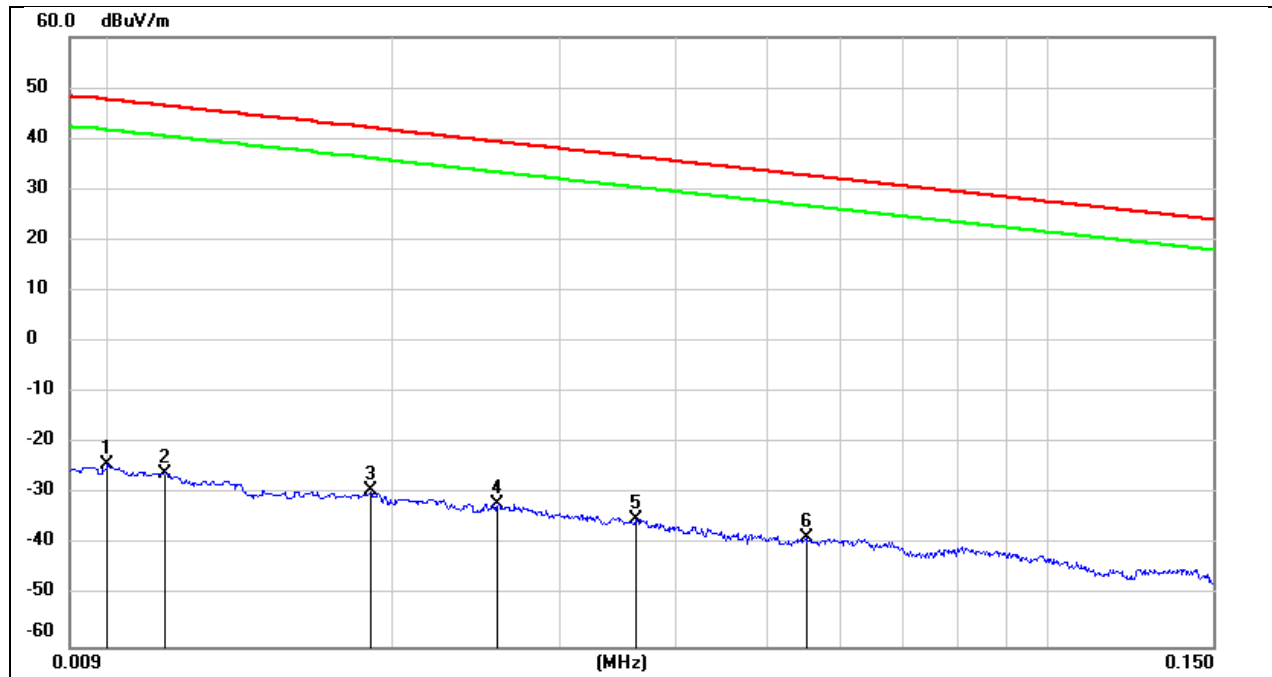
Test Mode:	802.11ac VHT80	Frequency(MHz):	5775
Polarity:	Vertical	Test Voltage:	DC 7.6 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	36.06	10.51	46.57	74.00	-27.43	peak
2	10443.000	33.87	12.70	46.57	74.00	-27.43	peak
3	11059.000	33.38	14.96	48.34	74.00	-25.66	peak
4	11653.000	31.65	17.05	48.70	74.00	-25.30	peak
5	13523.000	28.56	20.70	49.26	74.00	-24.74	peak
6	17989.000	23.20	26.04	49.24	74.00	-24.76	peak

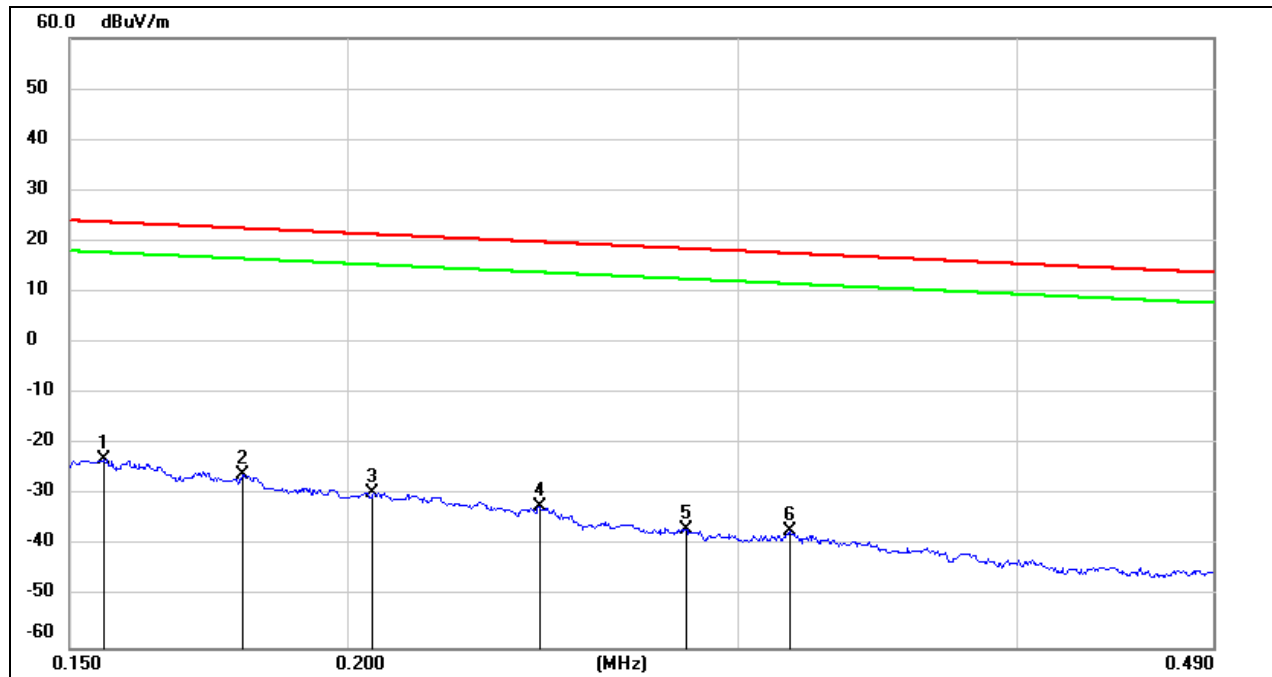
8.4. SPURIOUS EMISSIONS (9 KHZ ~ 30 MHZ)

Test Mode:	802.11n HT20	Frequency(MHz):	5700
Polarity:	Loop Antenna Face On To The EUT	Test Voltage	DC 7.6 V



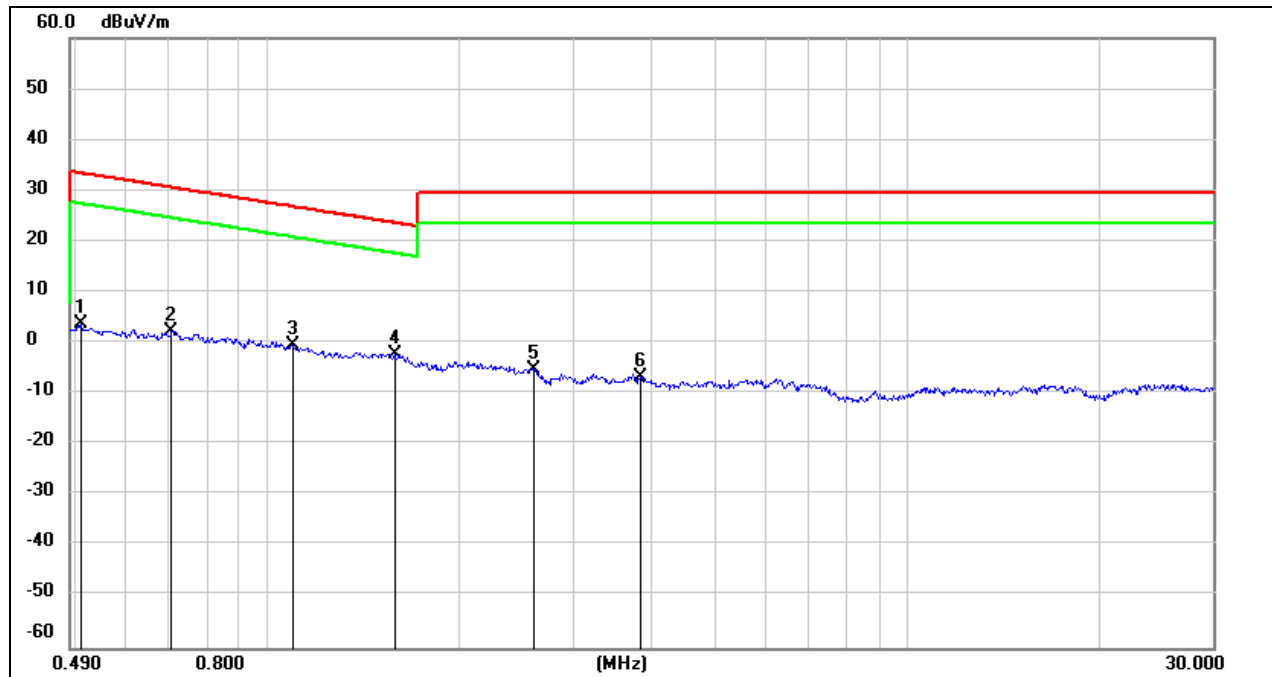
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0100	77.22	-101.40	-24.18	47.60	-71.78	peak
2	0.0114	75.50	-101.40	-25.90	46.46	-72.36	peak
3	0.0189	71.99	-101.35	-29.36	42.07	-71.43	peak
4	0.0258	69.46	-101.37	-31.91	39.37	-71.28	peak
5	0.0362	66.51	-101.42	-34.91	36.43	-71.34	peak
6	0.0551	62.95	-101.50	-38.55	32.78	-71.33	peak

Test Mode:	802.11n HT20	Frequency(MHz):	5700
Polarity:	Loop Antenna Face On To The EUT	Test Voltage	DC 7.6 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1554	78.77	-101.65	-22.88	23.77	-46.65	peak
2	0.1794	75.77	-101.68	-25.91	22.53	-48.44	peak
3	0.2053	72.29	-101.73	-29.44	21.35	-50.79	peak
4	0.2442	69.53	-101.79	-32.26	19.85	-52.11	peak
5	0.2837	65.22	-101.83	-36.61	18.54	-55.15	peak
6	0.3163	64.70	-101.87	-37.17	17.60	-54.77	peak

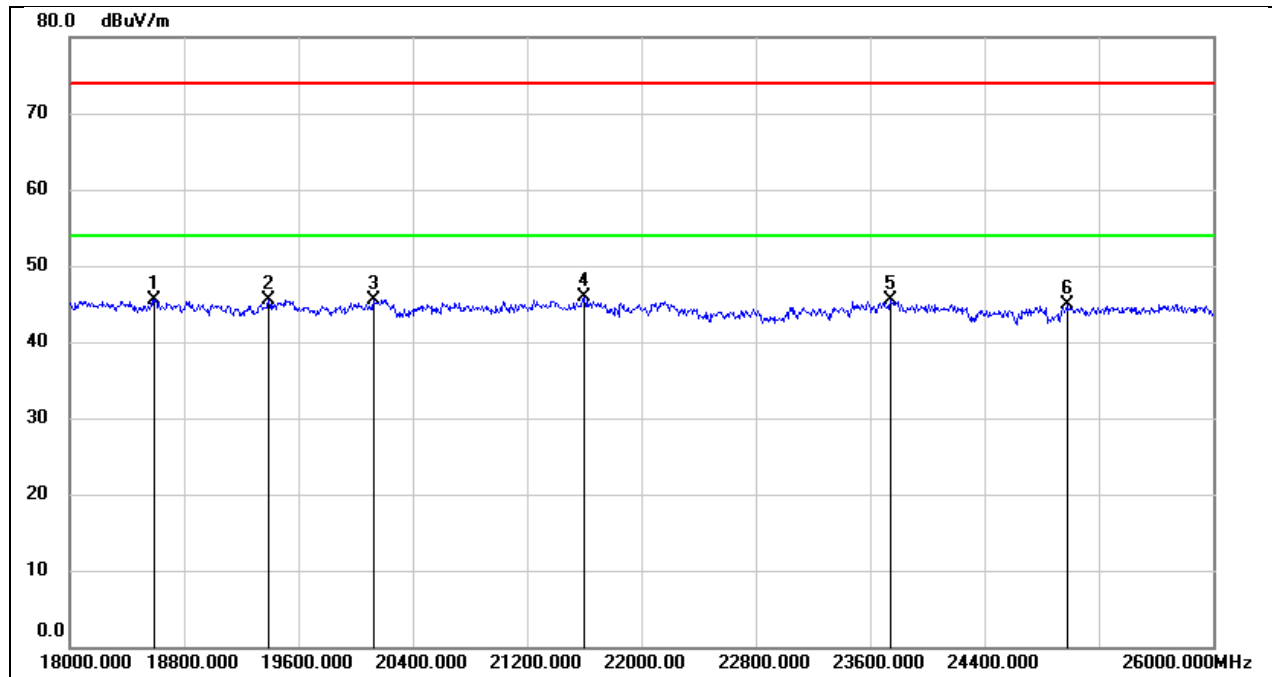
Test Mode:	802.11n HT20	Frequency(MHz):	5700
Polarity:	Loop Antenna Face On To The EUT	Test Voltage	DC 7.6 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.5106	65.80	-62.07	3.73	33.44	-29.71	peak
2	0.7066	64.40	-62.11	2.29	30.62	-28.33	peak
3	1.0927	61.78	-62.22	-0.44	26.84	-27.28	peak
4	1.5819	59.80	-62.01	-2.21	23.62	-25.83	peak
5	2.6147	56.28	-61.67	-5.39	29.54	-34.93	peak
6	3.8246	54.70	-61.38	-6.68	29.54	-36.22	peak

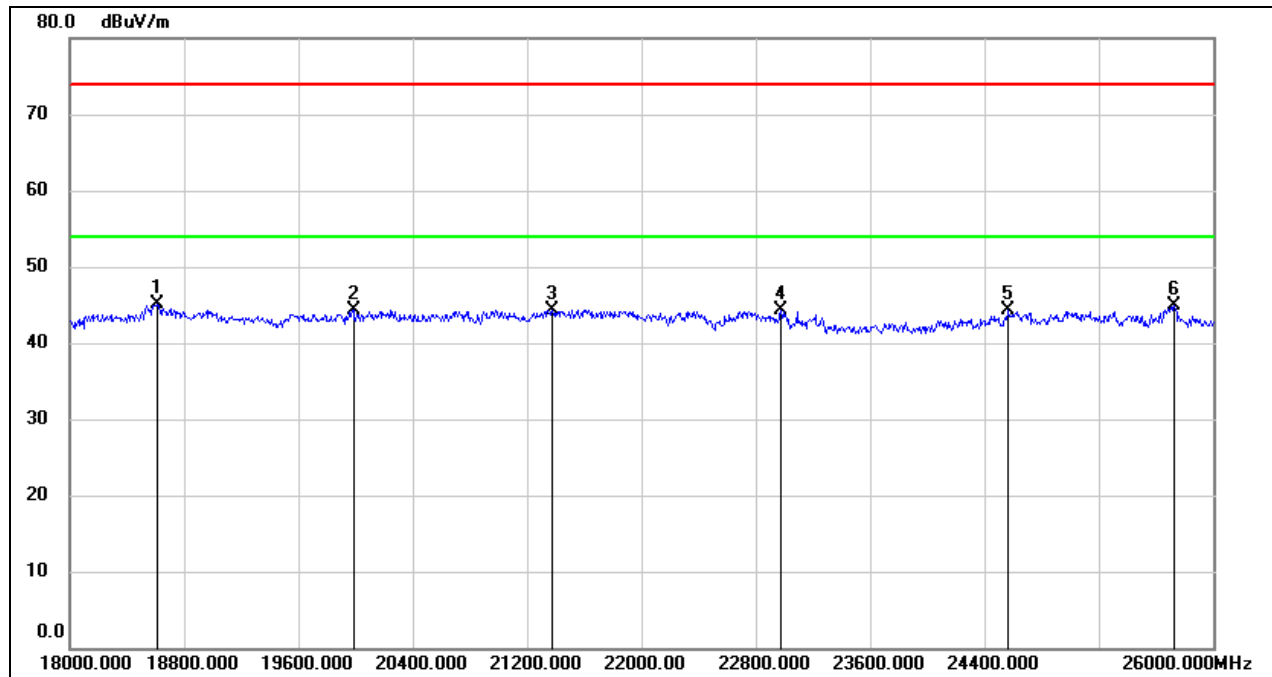
8.5. SPURIOUS EMISSIONS (18 GHZ ~ 26 GHZ)

Test Mode:	802.11n HT20	Frequency(MHz):	5700
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18592.000	50.75	-5.31	45.44	74.00	-28.56	peak
2	19392.000	51.12	-5.57	45.55	74.00	-28.45	peak
3	20128.000	51.12	-5.53	45.59	74.00	-28.41	peak
4	21600.000	50.52	-4.54	45.98	74.00	-28.02	peak
5	23744.000	48.65	-3.20	45.45	74.00	-28.55	peak
6	24976.000	46.99	-2.11	44.88	74.00	-29.12	peak

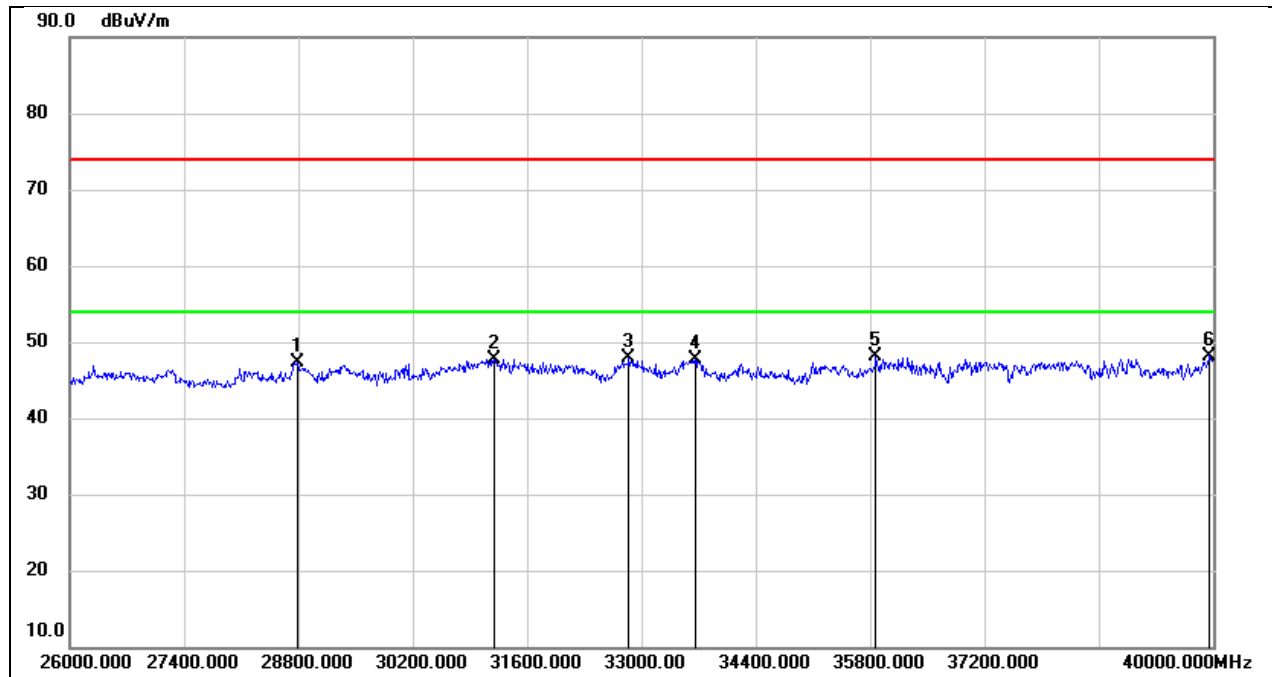
Test Mode:	802.11n HT20	Frequency(MHz):	5700
Polarity:	Vertical	Test Voltage:	DC 7.6 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18616.000	50.39	-5.34	45.05	74.00	-28.95	peak
2	19984.000	49.71	-5.44	44.27	74.00	-29.73	peak
3	21376.000	48.99	-4.73	44.26	74.00	-29.74	peak
4	22976.000	47.76	-3.46	44.30	74.00	-29.70	peak
5	24568.000	46.60	-2.33	44.27	74.00	-29.73	peak
6	25728.000	45.61	-0.72	44.89	74.00	-29.11	peak

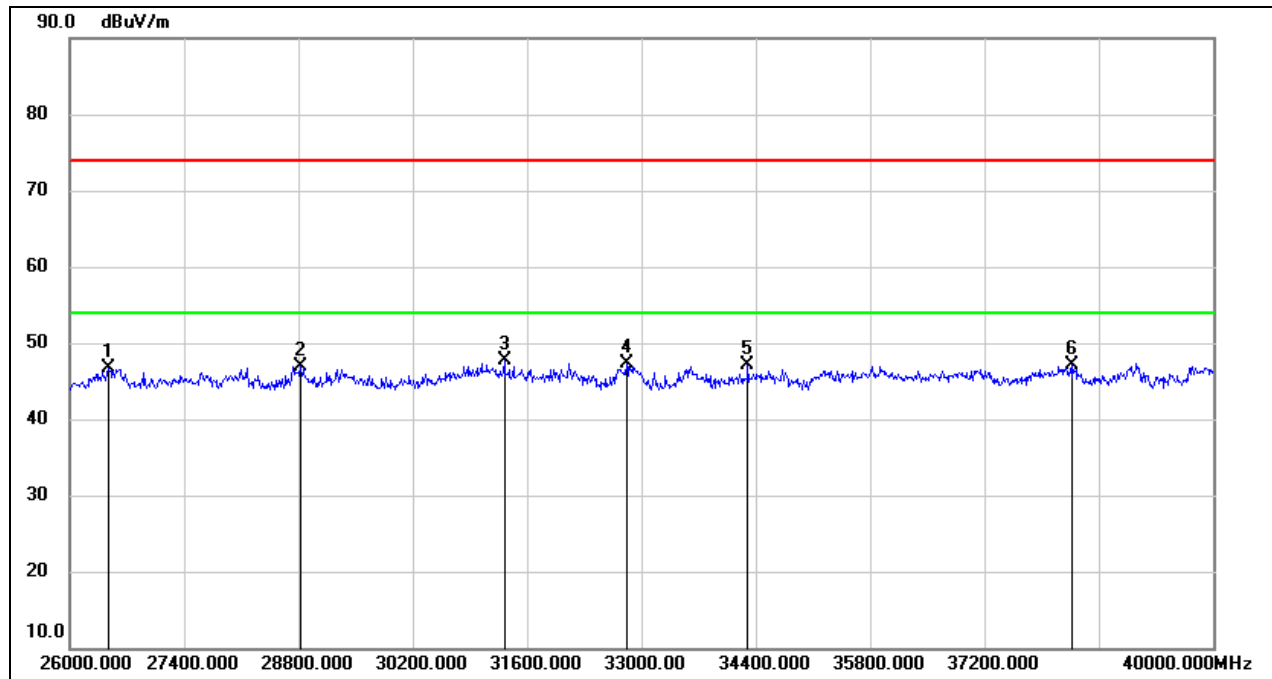
8.6. SPURIOUS EMISSIONS (26 GHZ ~ 40 GHZ)

Test Mode:	802.11n HT20	Frequency(MHz):	5700
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28786.000	47.99	-0.64	47.35	74.00	-26.65	peak
2	31194.000	48.54	-0.80	47.74	74.00	-26.26	peak
3	32846.000	48.88	-1.02	47.86	74.00	-26.14	peak
4	33658.000	47.28	0.41	47.69	74.00	-26.31	peak
5	35870.000	44.33	3.75	48.08	74.00	-25.92	peak
6	39958.000	43.08	5.12	48.20	74.00	-25.80	peak

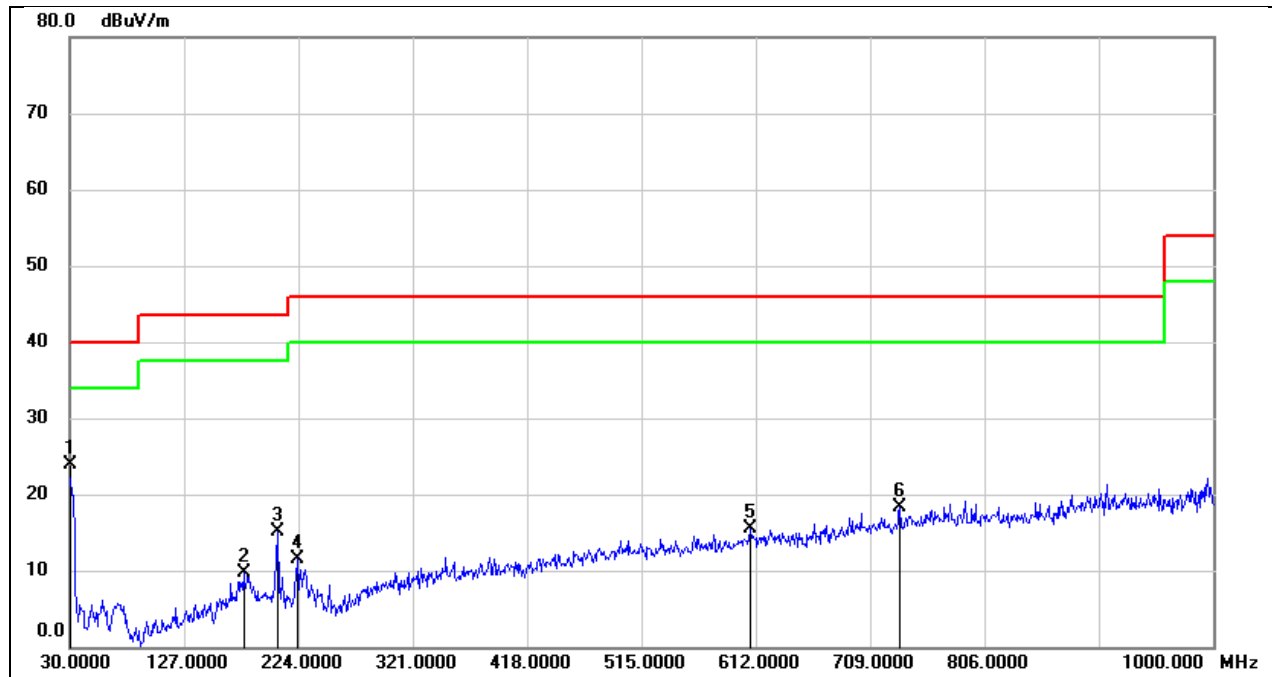
Test Mode:	802.11n HT20	Frequency(MHz):	5700
Polarity:	Vertical	Test Voltage:	DC 7.6 V



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	47.63	-0.79	46.84	74.00	-27.16	peak
3	31320.000	48.61	-0.93	47.68	74.00	-26.32	peak
4	32818.000	48.31	-1.08	47.23	74.00	-26.77	peak
5	34302.000	45.95	1.10	47.05	74.00	-26.95	peak
6	38278.000	43.32	3.82	47.14	74.00	-26.86	peak

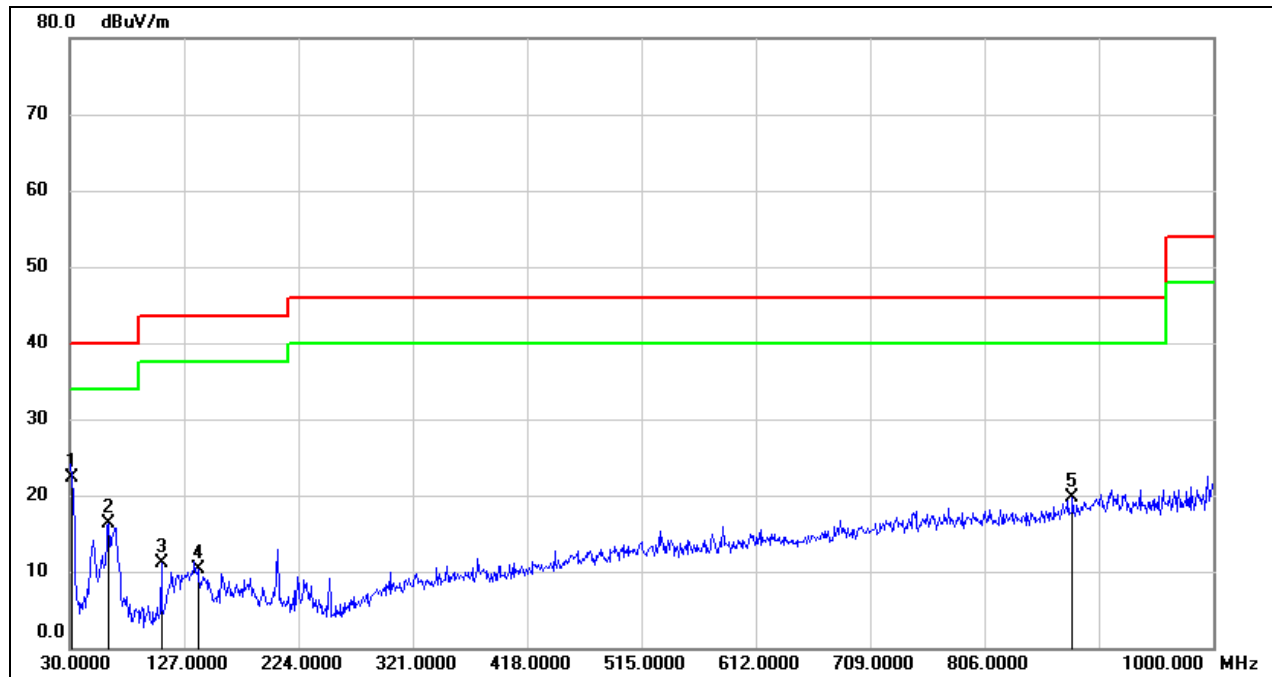
8.7. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

Test Mode:	802.11n HT20	Frequency(MHz):	5700
Polarity:	Horizontal	Test Voltage:	DC 7.6 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	42.24	-18.24	24.00	40.00	-16.00	QP
2	177.4400	26.18	-16.57	9.61	43.50	-33.89	QP
3	206.5399	32.01	-16.89	15.12	43.50	-28.38	QP
4	223.0300	29.22	-17.63	11.59	46.00	-34.41	QP
5	607.1500	24.69	-9.27	15.42	46.00	-30.58	QP
6	734.2199	25.72	-7.35	18.37	46.00	-27.63	QP

Test Mode:	802.11n HT20	Frequency(MHz):	5700
Polarity:	Vertical	Test Voltage:	DC 7.6 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.9400	40.93	-18.55	22.38	40.00	-17.62	QP
2	62.9800	36.81	-20.44	16.37	40.00	-23.63	QP
3	107.6000	31.59	-20.52	11.07	43.50	-32.43	QP
4	138.6400	29.26	-18.90	10.36	43.50	-33.14	QP
5	880.6900	24.89	-5.27	19.62	46.00	-26.38	QP

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a)

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

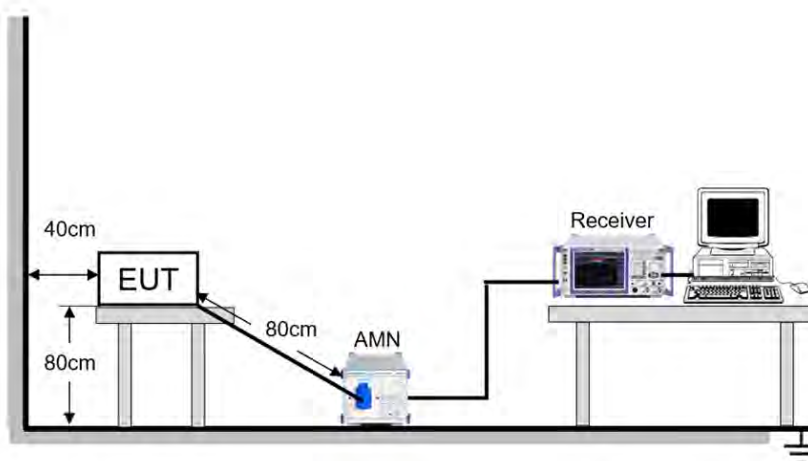
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

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

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

TEST SETUP

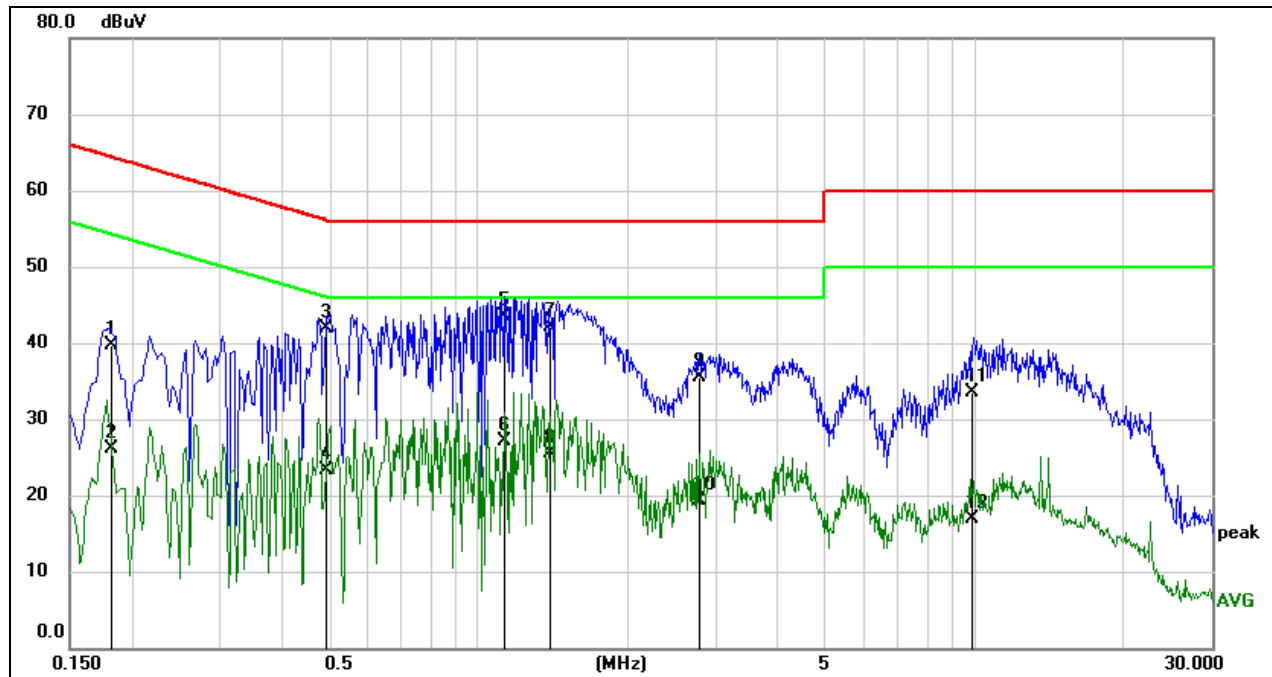


TEST ENVIRONMENT

Temperature	22.5 °C	Relative Humidity	54%
Atmosphere Pressure	101kPa	Test Voltage	AC 120 V, 60 Hz

TEST RESULTS

Test Mode:	802.11n HT20	Frequency(MHz):	5700
Line	L1	Test Voltage	AC 120 V, 60 Hz

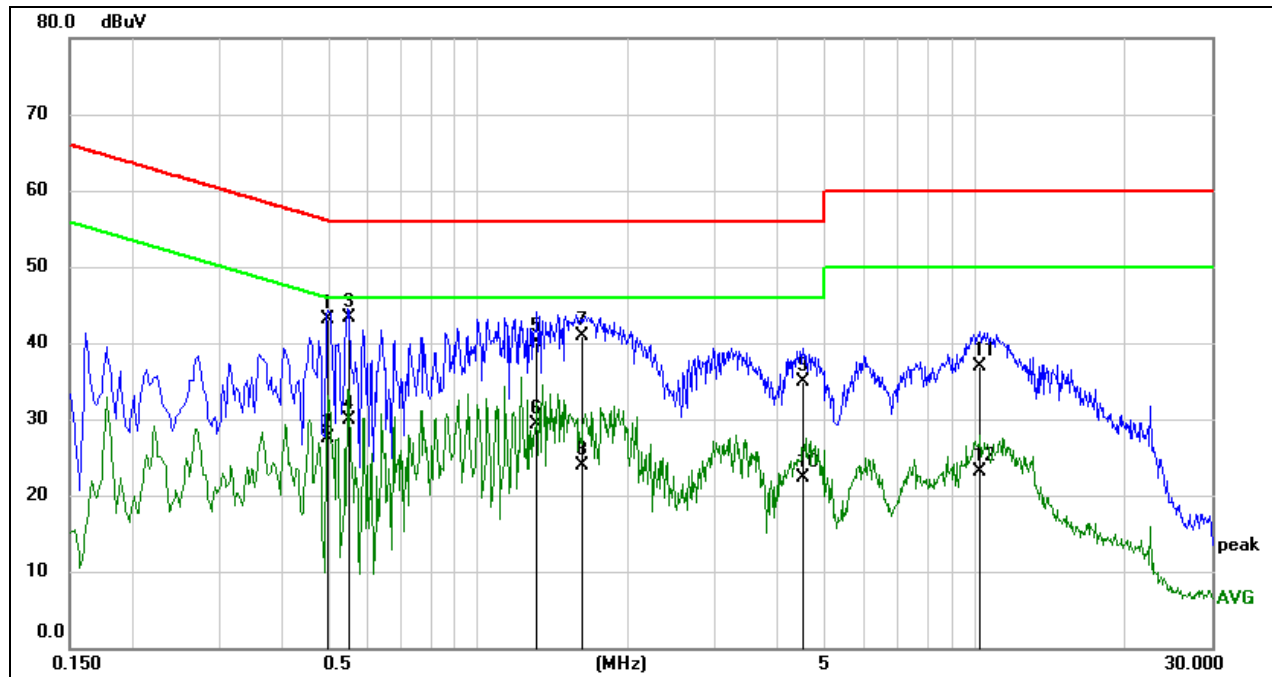


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1807	30.21	9.59	39.80	64.45	-24.65	QP
2	0.1807	16.45	9.59	26.04	54.45	-28.41	AVG
3	0.4960	32.35	9.60	41.95	56.07	-14.12	QP
4	0.4960	13.76	9.60	23.36	46.07	-22.71	AVG
5	1.1309	33.98	9.61	43.59	56.00	-12.41	QP
6	1.1309	17.58	9.61	27.19	46.00	-18.81	AVG
7	1.3969	32.51	9.61	42.12	56.00	-13.88	QP
8	1.3969	15.85	9.61	25.46	46.00	-20.54	AVG
9	2.7888	25.85	9.66	35.51	56.00	-20.49	QP
10	2.7888	9.55	9.66	19.21	46.00	-26.79	AVG
11	9.8914	23.75	9.72	33.47	60.00	-26.53	QP
12	9.8914	7.15	9.72	16.87	50.00	-33.13	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.

Test Mode:	802.11n HT20	Frequency(MHz):	5700
Line	N	Test Voltage	AC 120 V, 60 Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.4964	33.46	9.60	43.06	56.06	-13.00	QP
2	0.4964	17.94	9.60	27.54	46.06	-18.52	AVG
3	0.5472	33.80	9.60	43.40	56.00	-12.60	QP
4	0.5472	20.24	9.60	29.84	46.00	-16.16	AVG
5	1.3148	30.57	9.61	40.18	56.00	-15.82	QP
6	1.3148	19.67	9.61	29.28	46.00	-16.72	AVG
7	1.6213	31.21	9.62	40.83	56.00	-15.17	QP
8	1.6213	14.33	9.62	23.95	46.00	-22.05	AVG
9	4.5182	25.14	9.71	34.85	56.00	-21.15	QP
10	4.5182	12.61	9.71	22.32	46.00	-23.68	AVG
11	10.2777	27.24	9.72	36.96	60.00	-23.04	QP
12	10.2777	13.45	9.72	23.17	50.00	-26.83	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

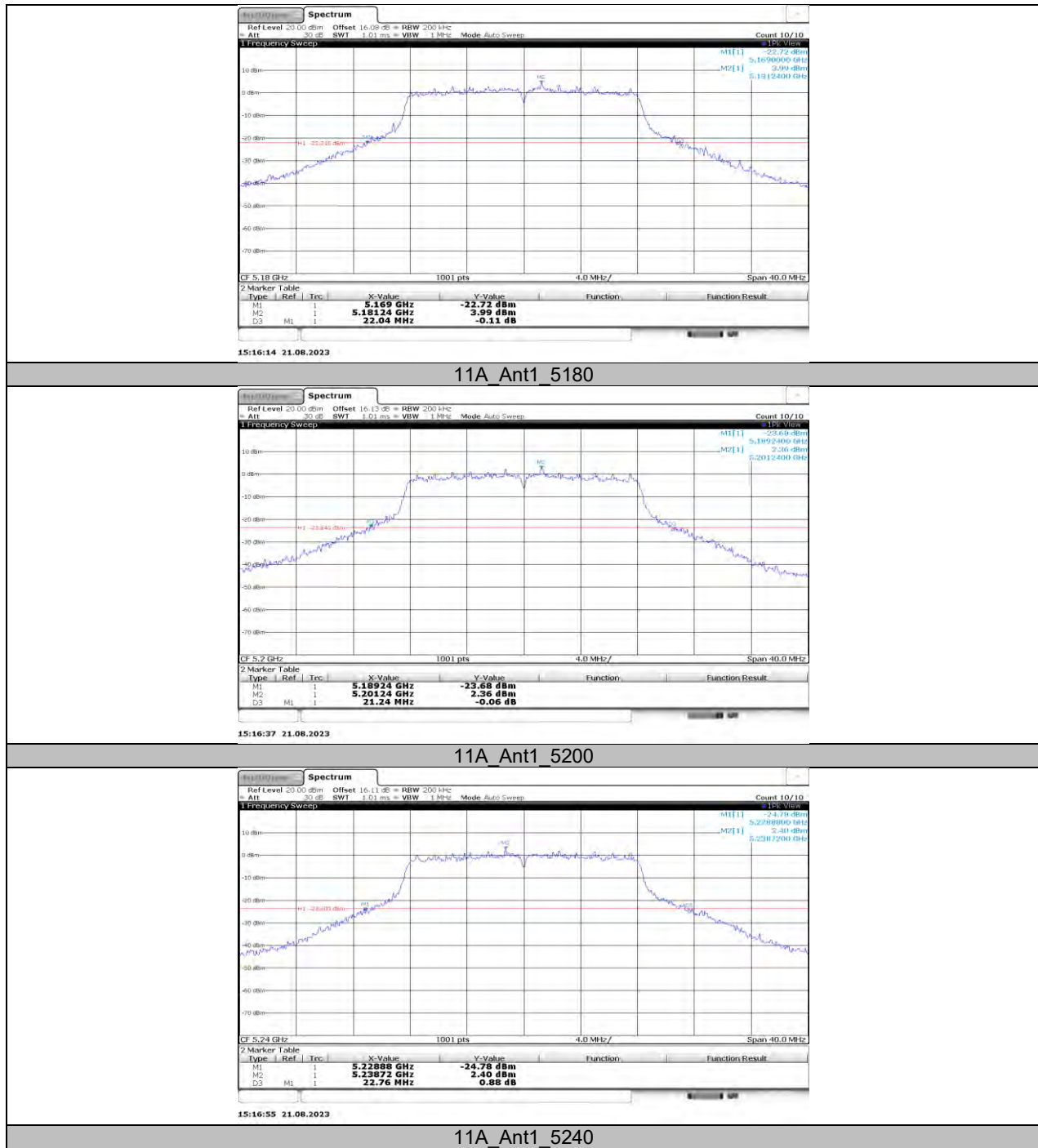
11. TEST DATA

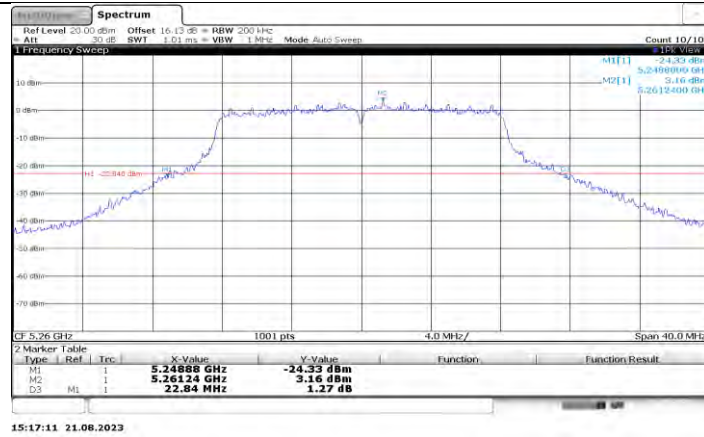
11.1. APPENDIX A1: EMISSION BANDWIDTH

11.1.1. Test Result

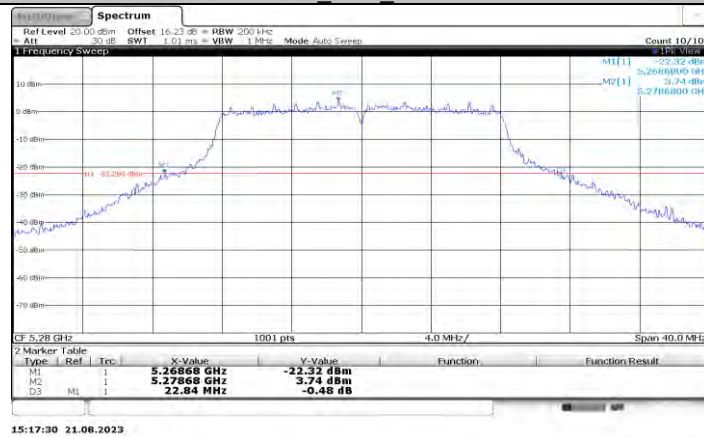
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	22.04	5169.00	5191.04	PASS
		5200	21.24	5189.24	5210.48	PASS
		5240	22.76	5228.88	5251.64	PASS
		5260	22.84	5248.88	5271.72	PASS
		5280	22.84	5268.68	5291.52	PASS
		5320	22.36	5309.56	5331.92	PASS
		5500	22.24	5488.88	5511.12	PASS
		5580	21.92	5569.20	5591.12	PASS
		5700	22.44	5688.88	5711.32	PASS
		5720	21.64	5708.92	5730.56	PASS
		5720 UNII-2C	16.08	5708.92	5725	PASS
		5720 UNII-3	5.56	5725	5730.56	PASS
		5745	21.80	5733.92	5755.72	PASS
		5785	22.64	5773.96	5796.60	PASS
		5825	21.40	5814.24	5835.64	PASS
11N20SISO	Ant1	5180	23.32	5168.32	5191.64	PASS
		5200	22.76	5188.28	5211.04	PASS
		5240	22.84	5229.04	5251.88	PASS
		5260	22.88	5248.80	5271.68	PASS
		5280	22.72	5268.76	5291.48	PASS
		5320	23.44	5308.08	5331.52	PASS
		5500	22.80	5488.52	5511.32	PASS
		5580	23.16	5568.68	5591.84	PASS
		5700	22.24	5688.68	5710.92	PASS
		5720	22.88	5708.64	5731.52	PASS
		5720 UNII-2C	16.36	5708.64	5725	PASS
		5720 UNII-3	6.52	5725	5731.52	PASS
		5745	22.48	5733.60	5756.08	PASS
		5785	22.48	5774.24	5796.72	PASS
		5825	22.24	5813.88	5836.12	PASS
11N40SISO	Ant1	5190	41.36	5169.52	5210.88	PASS
		5230	41.60	5209.28	5250.88	PASS
		5270	41.44	5249.52	5290.96	PASS
		5310	41.60	5289.12	5330.72	PASS
		5510	41.76	5489.36	5531.12	PASS
		5550	41.76	5529.36	5571.12	PASS
		5670	41.60	5649.36	5690.96	PASS
		5710	41.84	5688.96	5730.80	PASS
		5710 UNII-2C	36.04	5688.96	5725	PASS
		5710 UNII-3	5.8	5725	5730.80	PASS
		5755	41.92	5734.04	5775.96	PASS
		5795	41.28	5774.52	5815.80	PASS
		5210	84.32	5168.08	5252.40	PASS
		5290	82.88	5248.88	5331.76	PASS
		5530	83.04	5489.04	5572.08	PASS
11AC80SISO	Ant1	5610	82.88	5568.56	5651.44	PASS
		5690	83.04	5648.40	5731.44	PASS
		5690 UNII-2C	76.6	5648.40	5725	PASS
		5690 UNII-3	6.44	5725	5731.44	PASS
		5775	83.84	5733.24	5817.08	PASS

11.1.2. Test Graphs

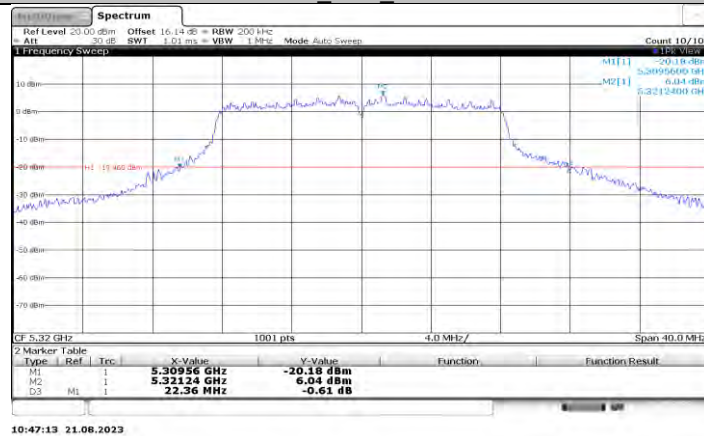




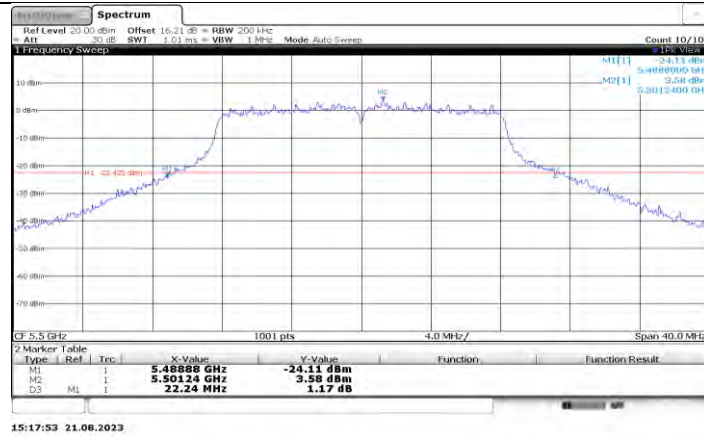
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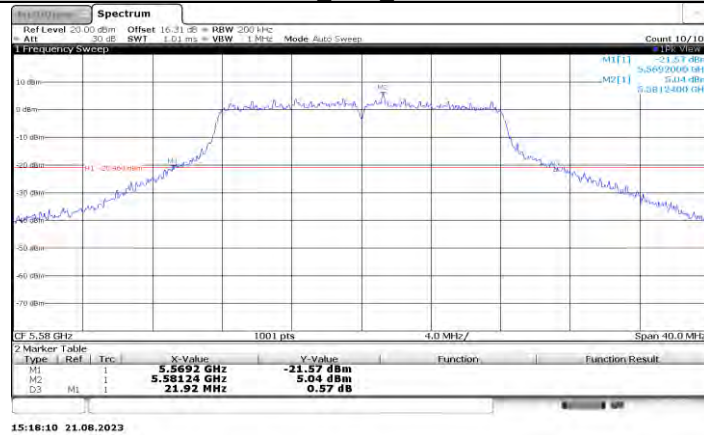
11A_Ant1_5280



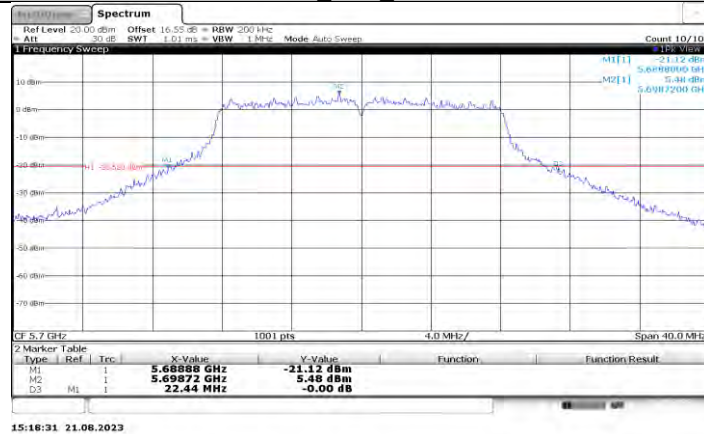
11A_Ant1_5320



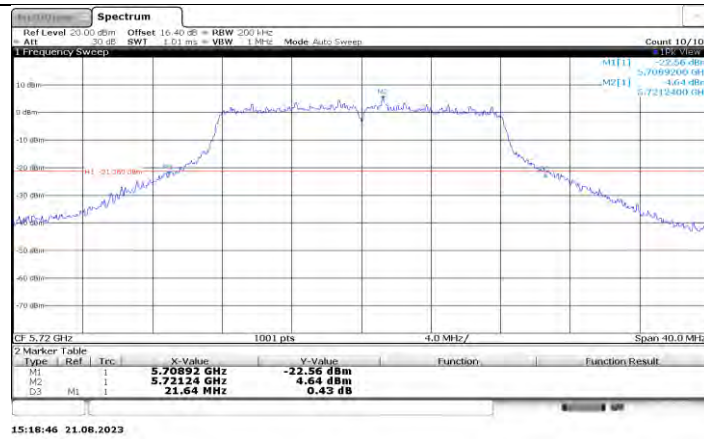
11A_Ant1_5500



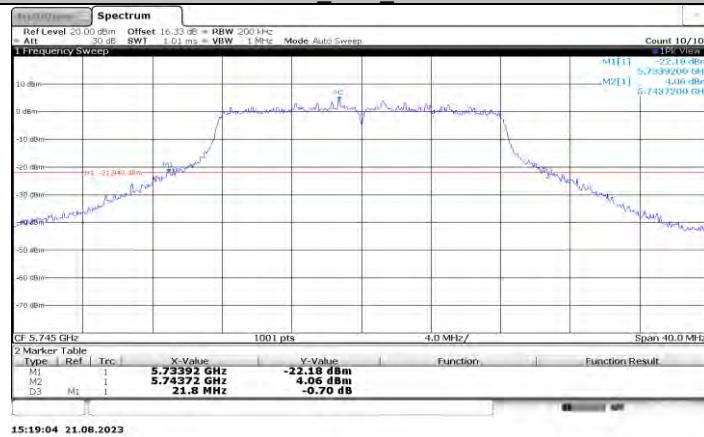
11A_Ant1_5580



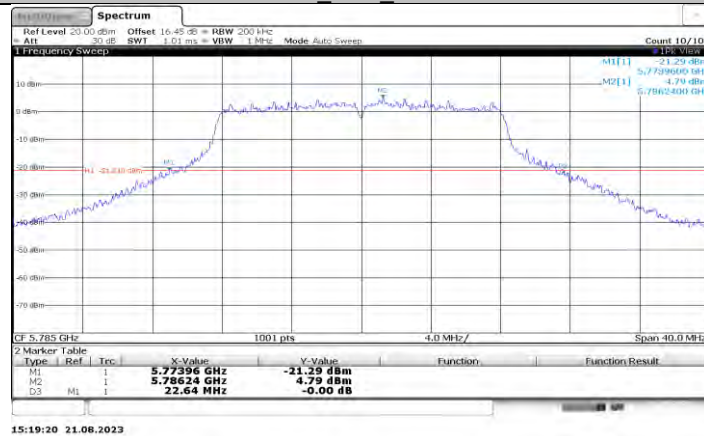
11A_Ant1_5700



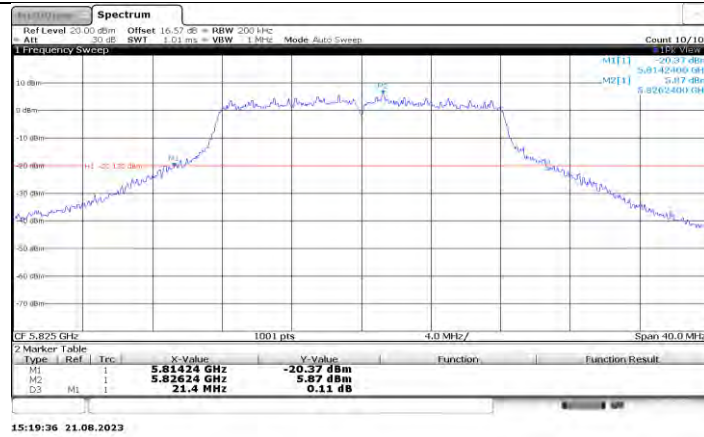
11A_Ant1_5720



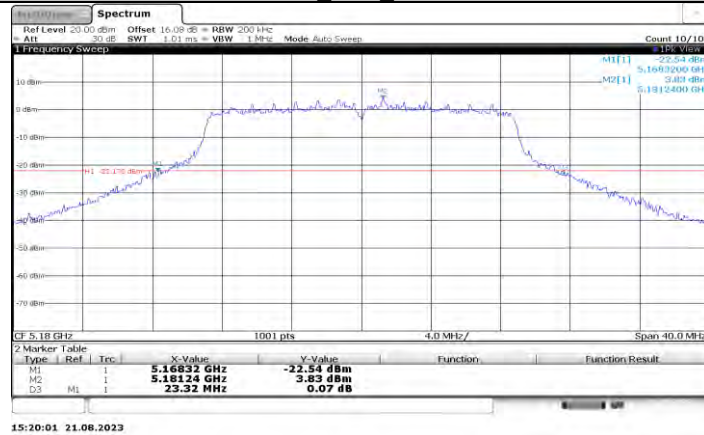
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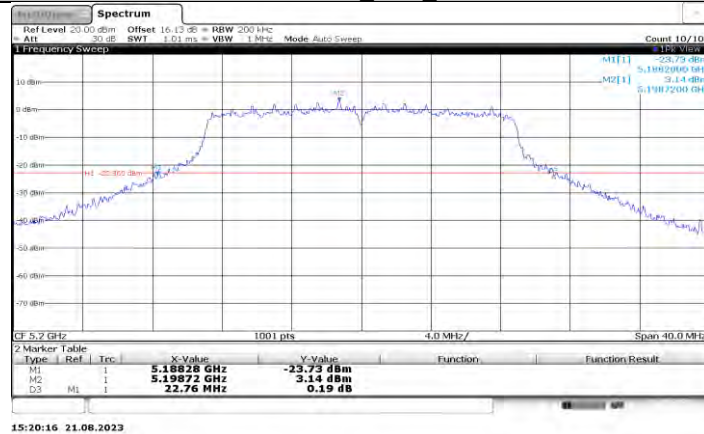
11A_Ant1_5785



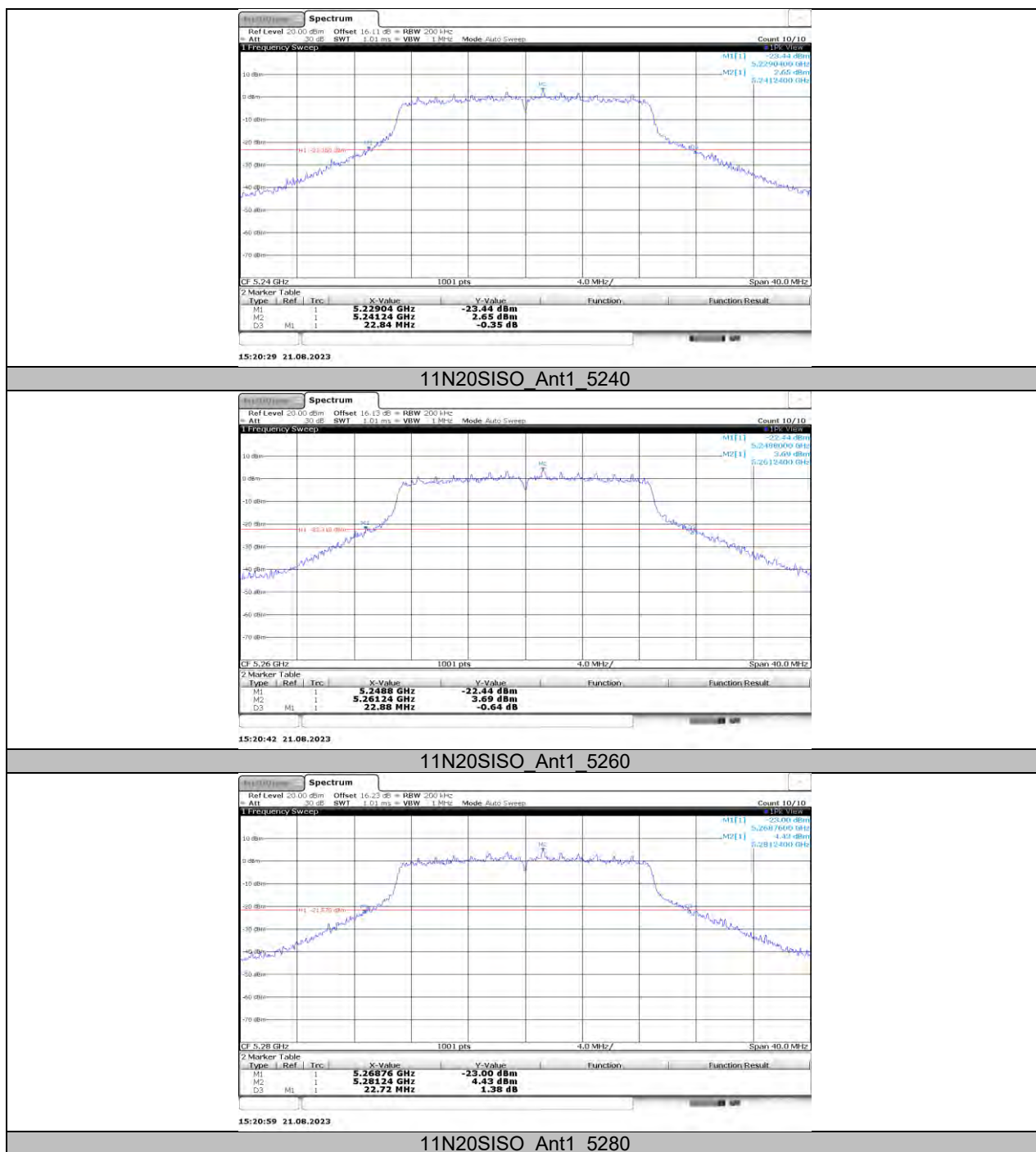
11A Ant1 5825

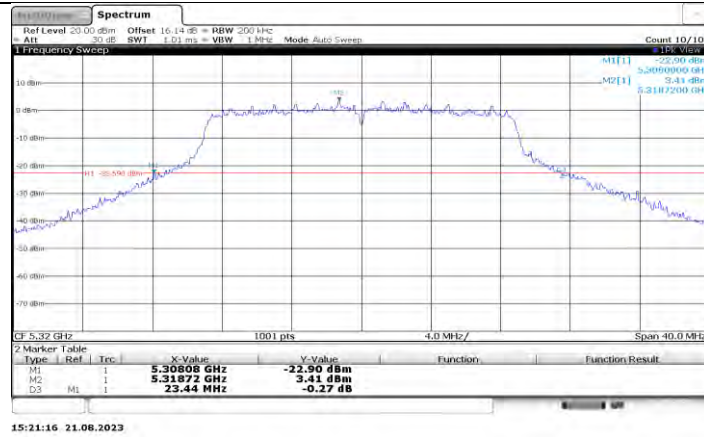


11N20SISO Ant1 5180

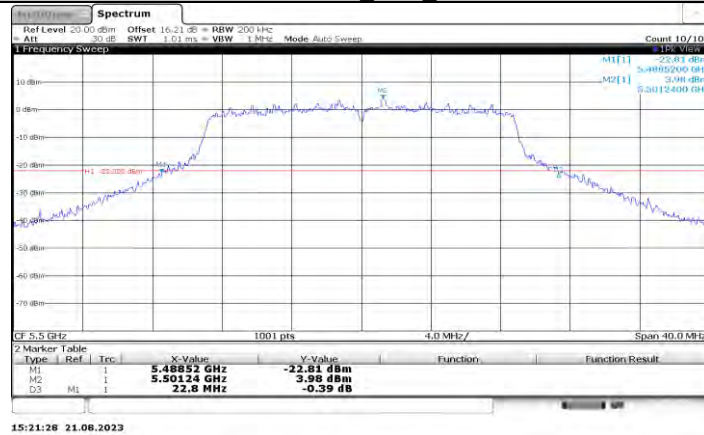


11N20SISO Ant1 5200

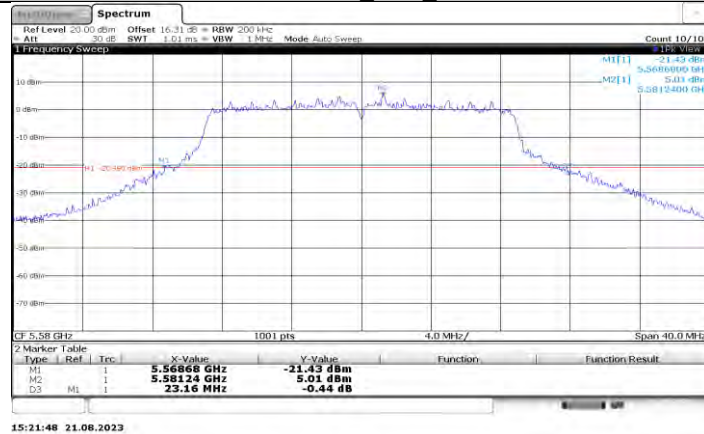




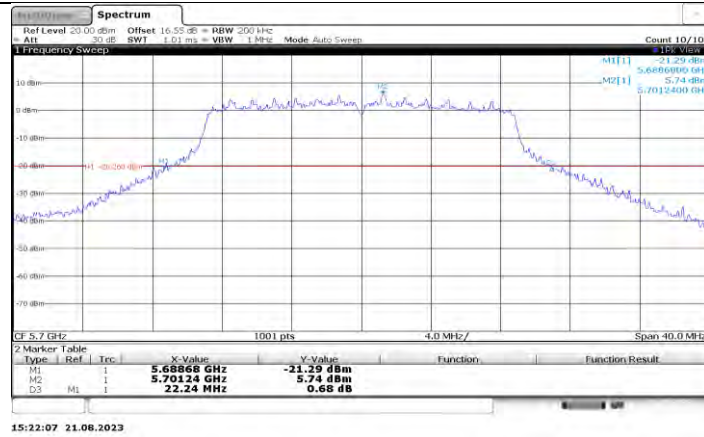
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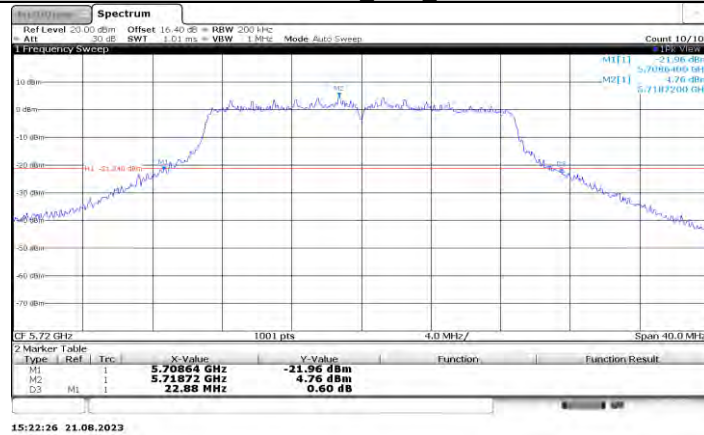
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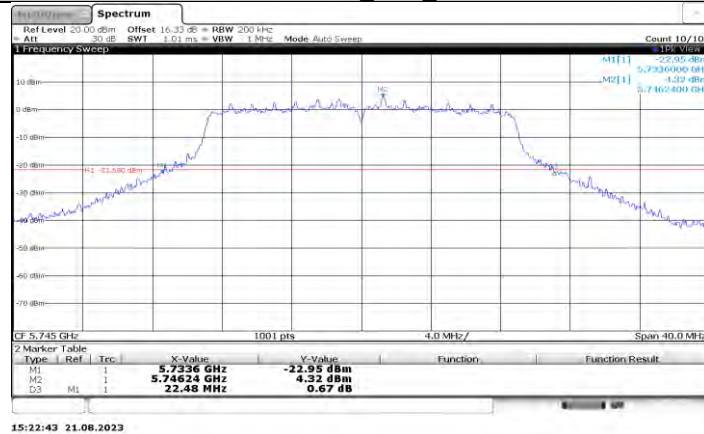
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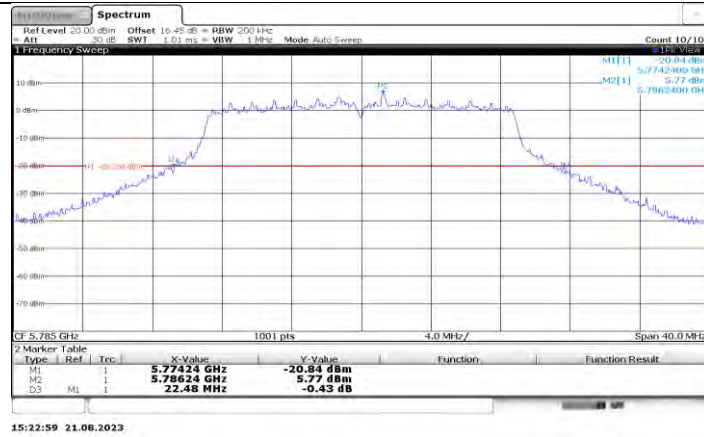
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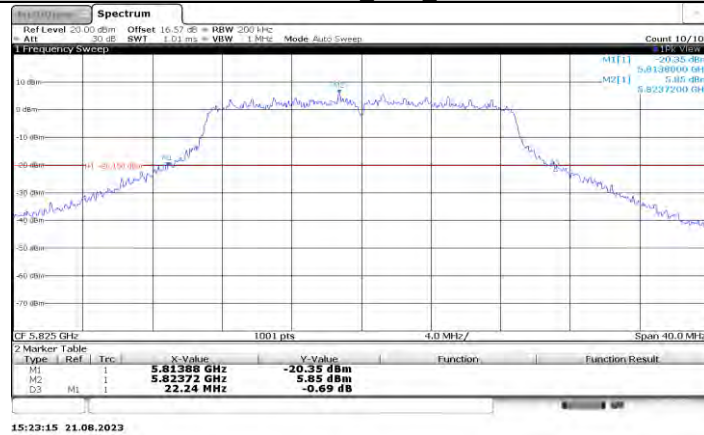
11N20SISO_Ant1_5720



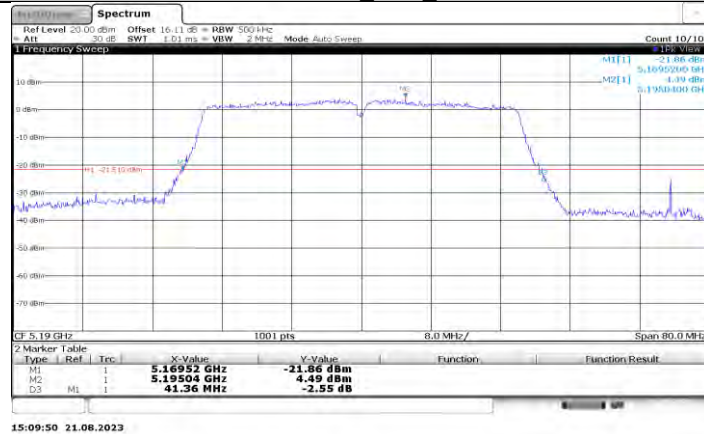
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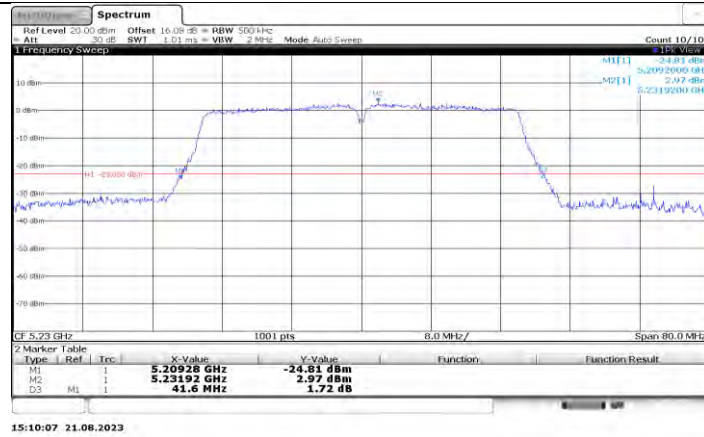
11N20SISO_Ant1_5785



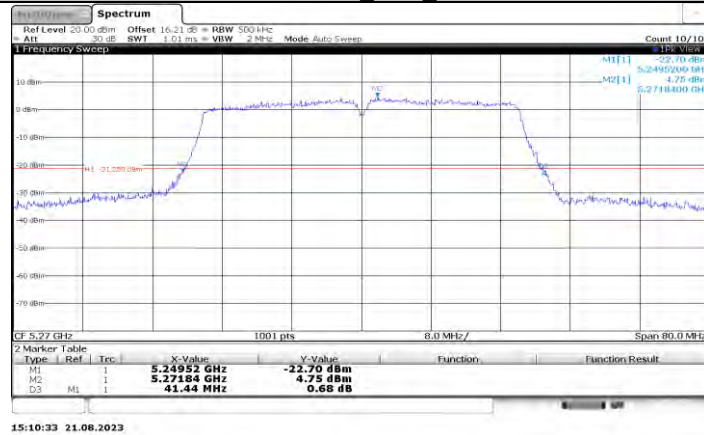
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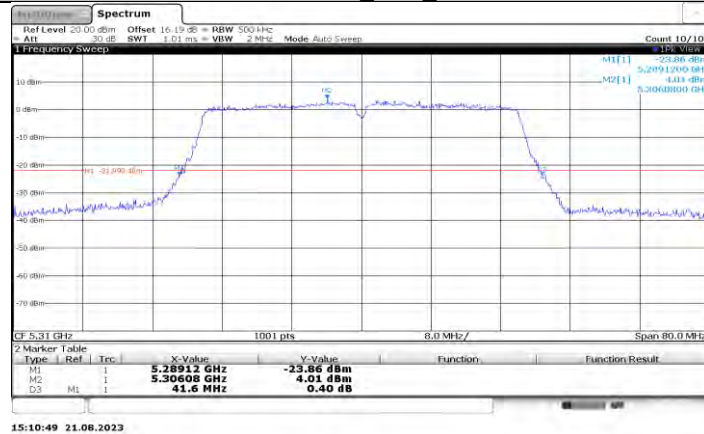
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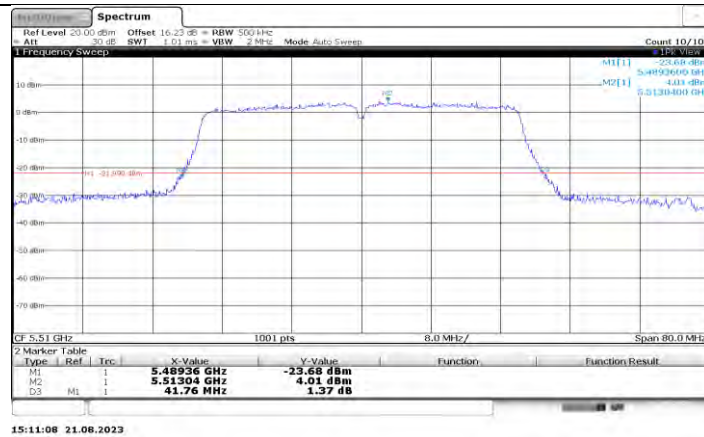
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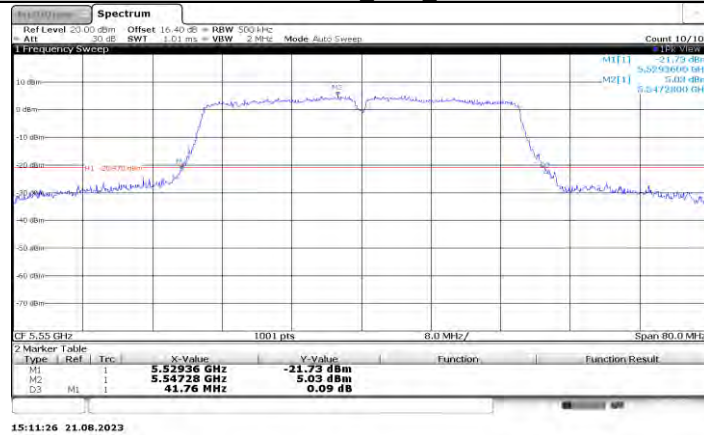
11N40SISO_Ant1_5270



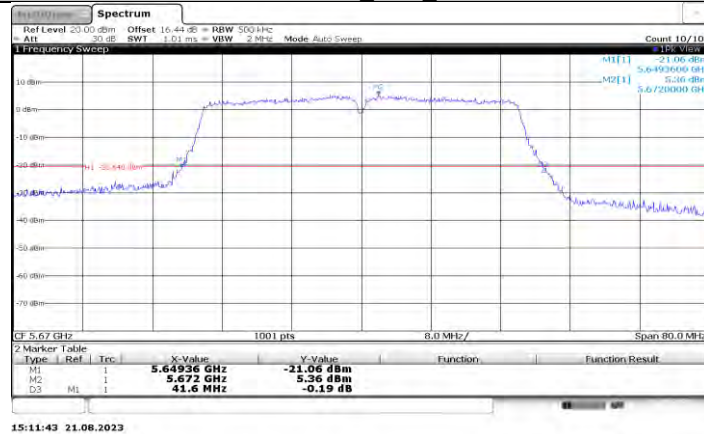
11N40SISO_Ant1_5310



11N40ISO_Ant1_5510



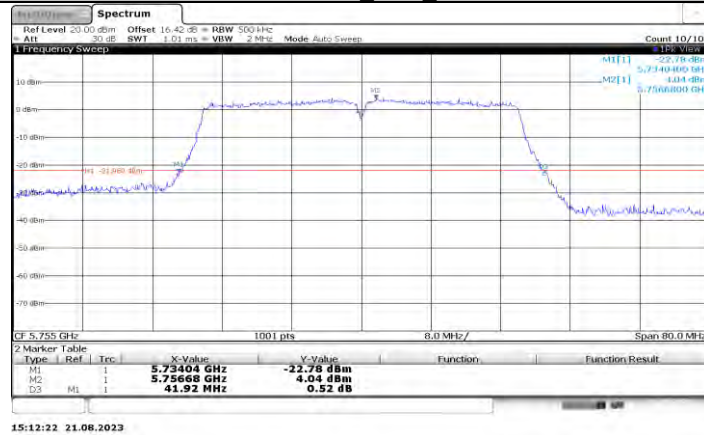
11N40ISO_Ant1_5550



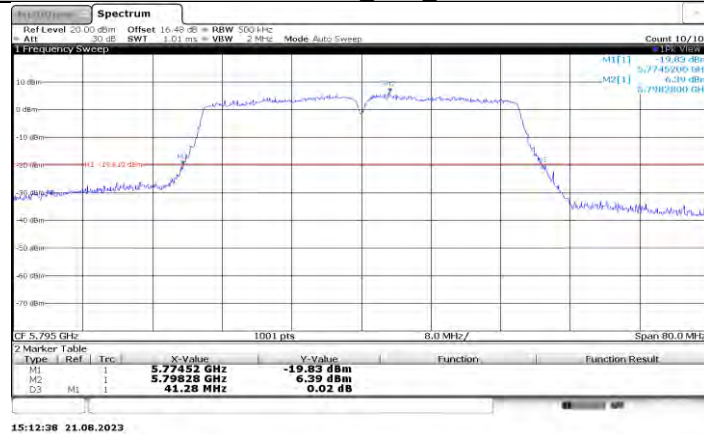
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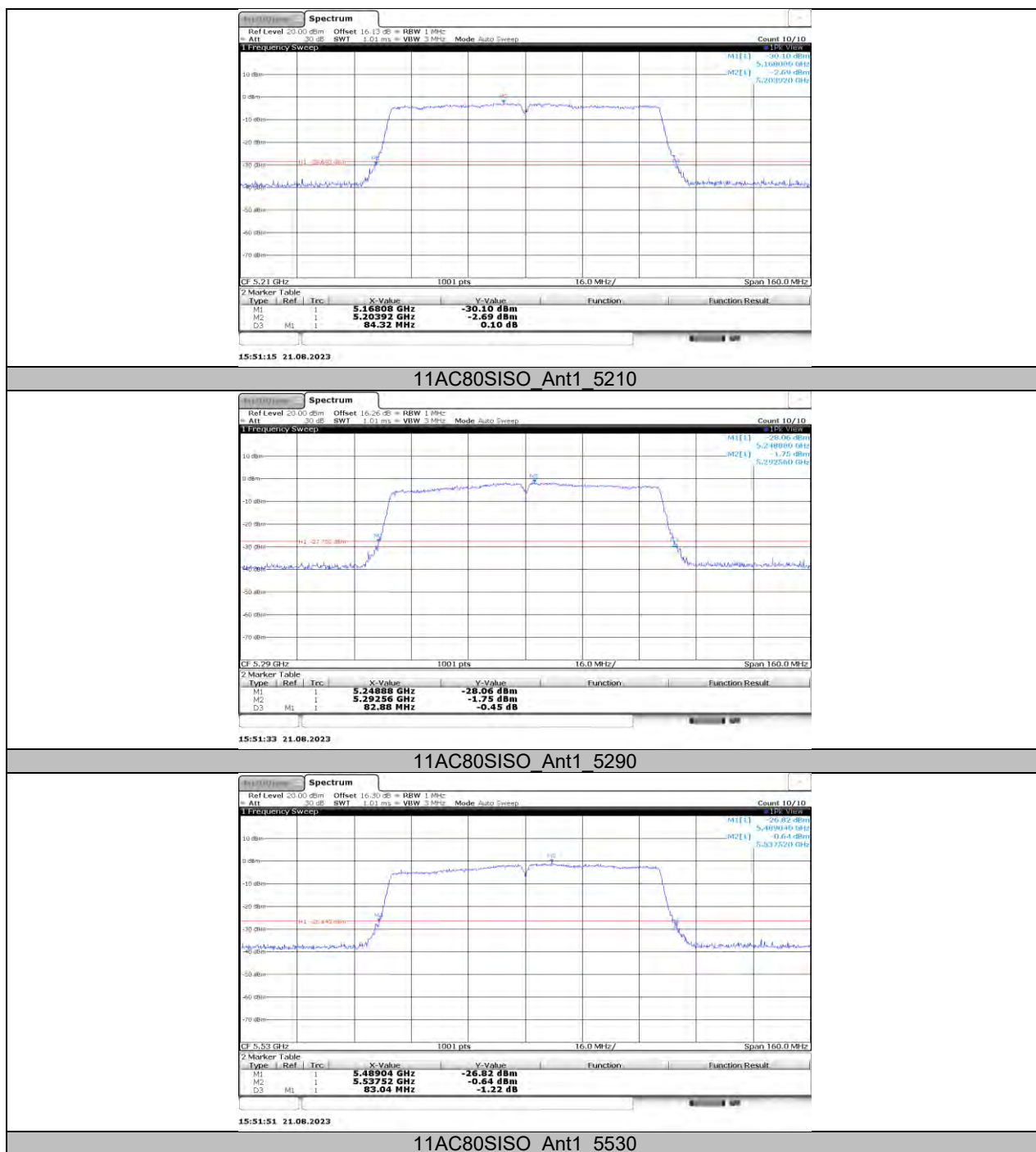
11N40SISO_Ant1_5710

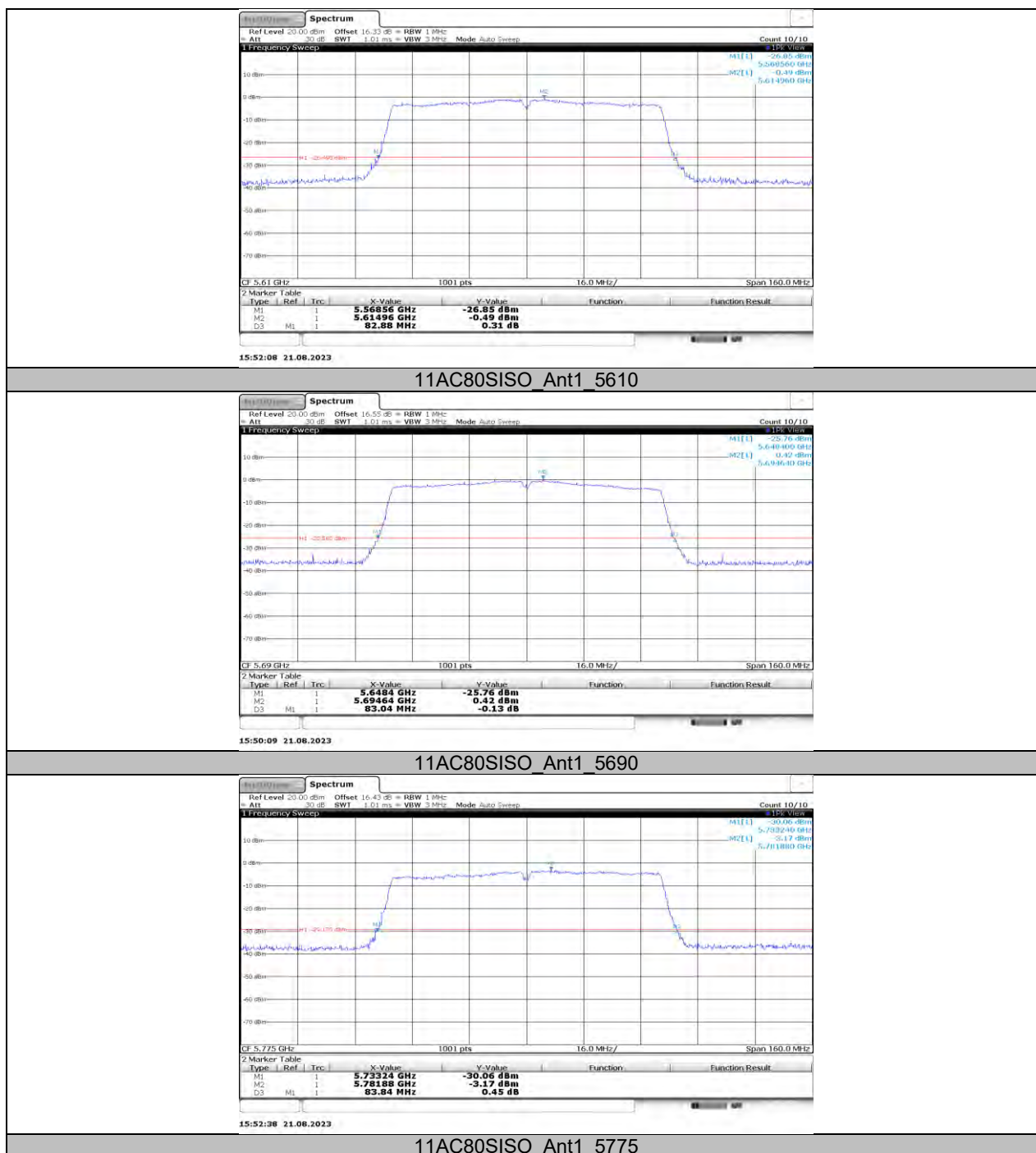


11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



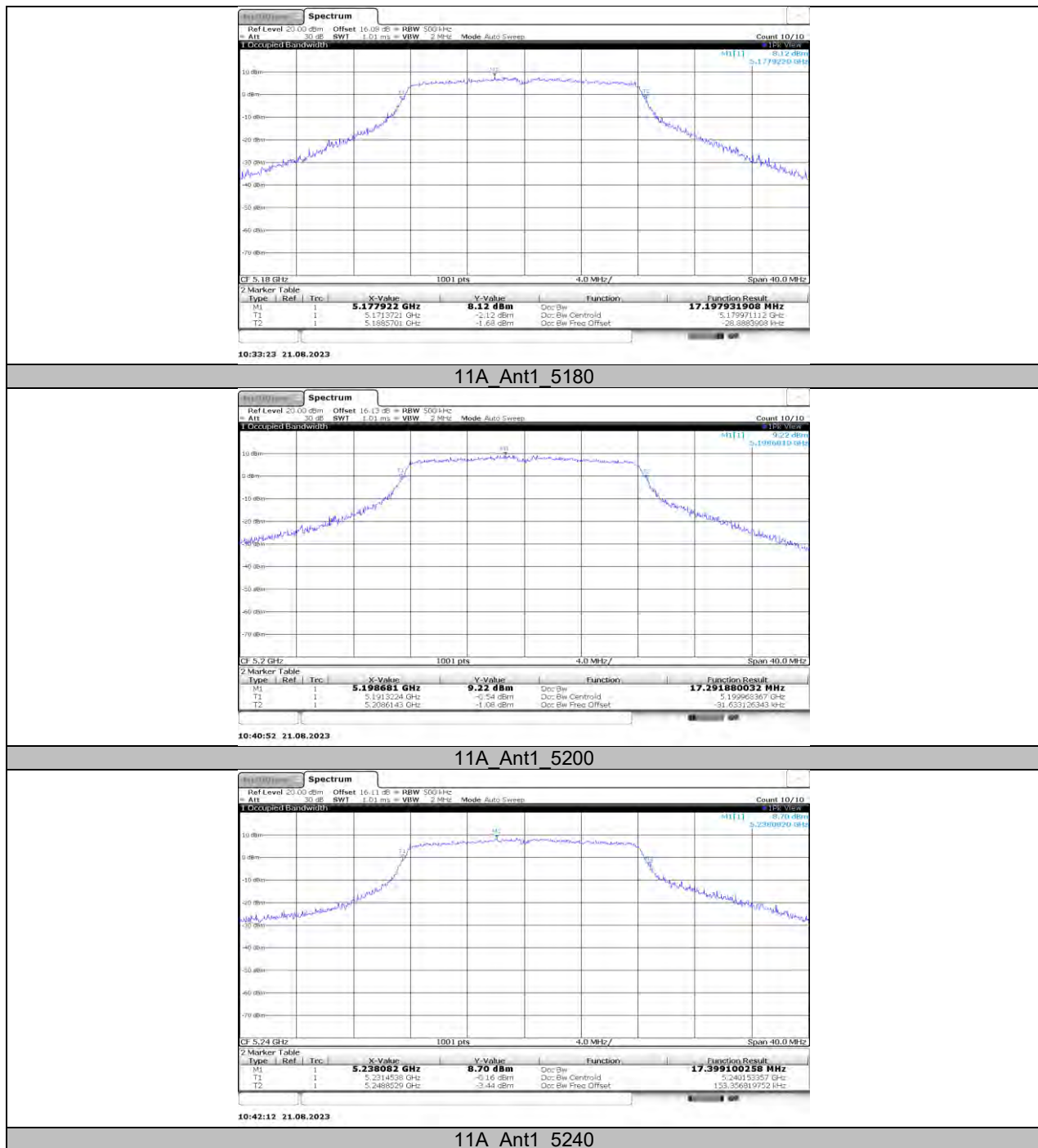


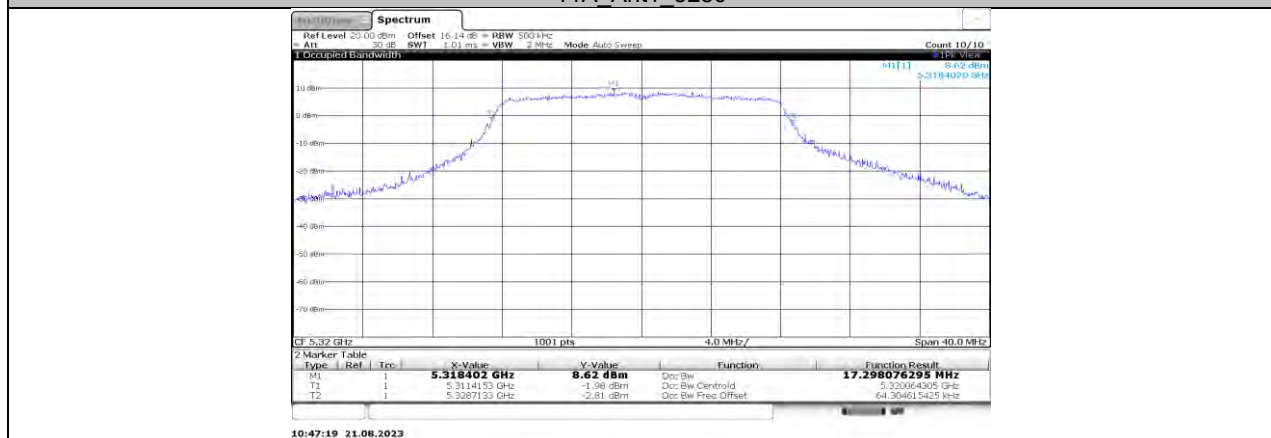
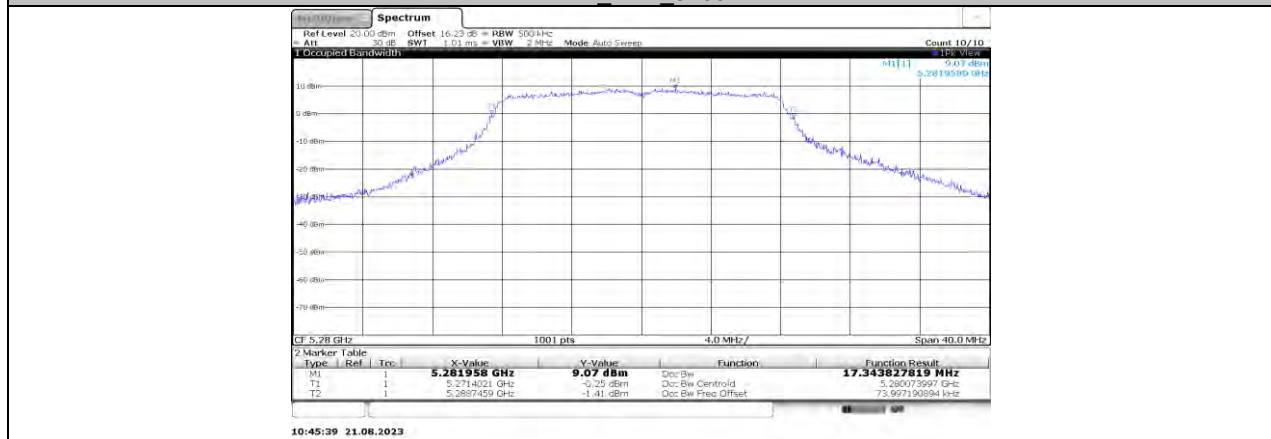
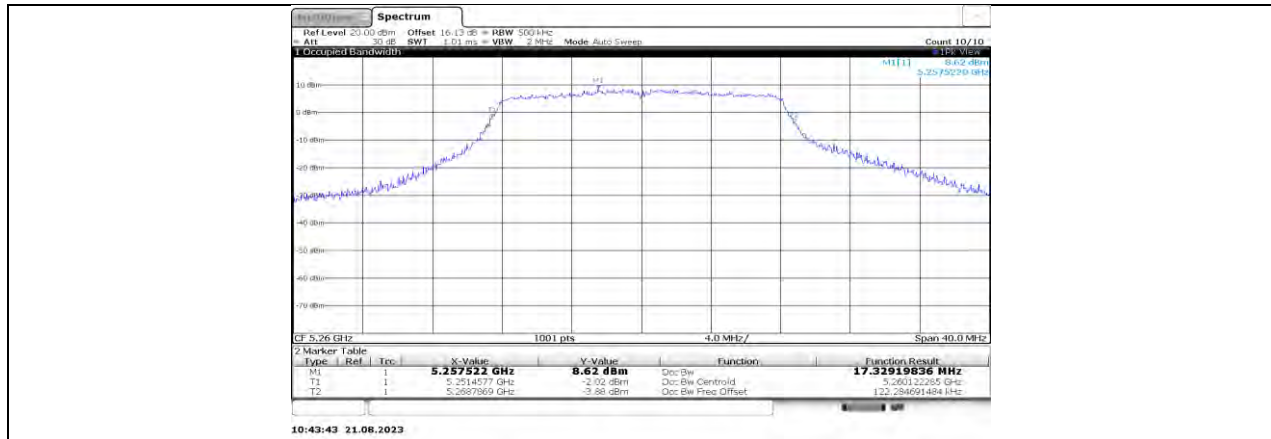
11.2. APPENDIX A2: OCCUPIED CHANNEL BANDWIDTH

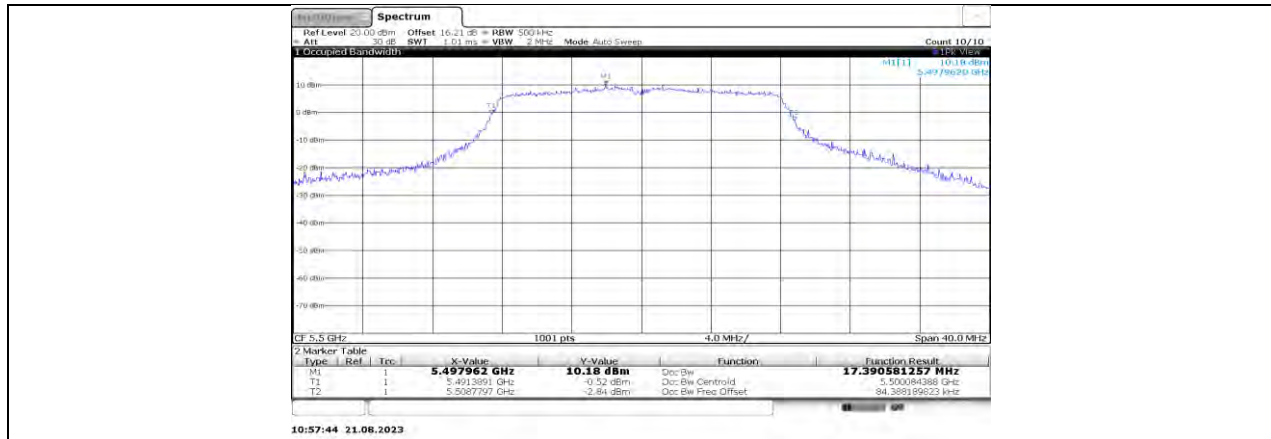
11.2.1. Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	17.198	5171.3721	5188.5701	PASS
		5200	17.292	5191.3224	5208.6143	PASS
		5240	17.399	5231.4538	5248.8529	PASS
		5260	17.329	5251.4577	5268.7869	PASS
		5280	17.344	5271.4021	5288.7459	PASS
		5320	17.298	5311.4153	5328.7133	PASS
		5500	17.391	5491.3891	5508.7797	PASS
		5580	17.509	5571.2941	5588.8029	PASS
		5700	17.241	5691.3518	5708.5928	PASS
		5720	17.443	5711.2269	5728.6695	PASS
		5720 UNII-2C	13.773	5711.2269	5725	PASS
		5720 UNII-3	3.669	5725	5728.6695	PASS
		5745	17.2	5736.3562	5753.5562	PASS
		5785	17.694	5776.2945	5793.9888	PASS
		5825	17.285	5816.3471	5833.6320	PASS
11N20SISO	Ant1	5180	18.5	5170.7567	5189.2567	PASS
		5200	18.367	5190.7906	5209.1578	PASS
		5240	18.519	5230.8527	5249.3719	PASS
		5260	18.682	5250.8558	5269.5382	PASS
		5280	18.832	5270.8103	5289.6422	PASS
		5320	18.609	5310.7919	5329.4007	PASS
		5500	18.516	5490.8002	5509.3166	PASS
		5580	18.65	5570.7065	5589.3566	PASS
		5700	18.31	5690.8104	5709.1203	PASS
		5720	18.281	5710.7884	5729.0695	PASS
		5720 UNII-2C	14.212	5710.7884	5725	PASS
		5720 UNII-3	4.069	5725	5729.0695	PASS
		5745	18.336	5735.8006	5754.1362	PASS
		5785	18.373	5775.8576	5794.2306	PASS
		5825	18.293	5815.8182	5834.1108	PASS
11N40SISO	Ant1	5190	36.923	5171.6184	5208.5415	PASS
		5230	37.163	5211.7782	5248.9411	PASS
		5270	36.849	5251.7503	5288.5992	PASS
		5310	36.728	5291.6153	5328.3433	PASS
		5510	36.763	5491.7782	5528.5415	PASS
		5550	36.763	5531.6983	5568.4615	PASS
		5670	36.923	5651.6184	5688.5415	PASS
		5710	36.843	5691.5385	5728.3816	PASS
		5710 UNII-2C	33.462	5691.5385	5725	PASS
		5710 UNII-3	3.382	5725	5728.3816	PASS
		5755	36.681	5736.6027	5773.2838	PASS
		5795	36.57	5776.7679	5813.3382	PASS
11AC80SISO	Ant1	5210	77.522	5171.6384	5249.1608	PASS
		5290	77.842	5251.7982	5329.6404	PASS
		5530	76.723	5491.7982	5568.5215	PASS
		5610	77.842	5570.6793	5648.5215	PASS
		5690	77.203	5650.9990	5728.2018	PASS
		5690 UNII-2C	74.001	5650.9990	5725	PASS
		5690 UNII-3	3.202	5725	5728.2018	PASS
		5775	78.66	5735.6975	5814.3578	PASS

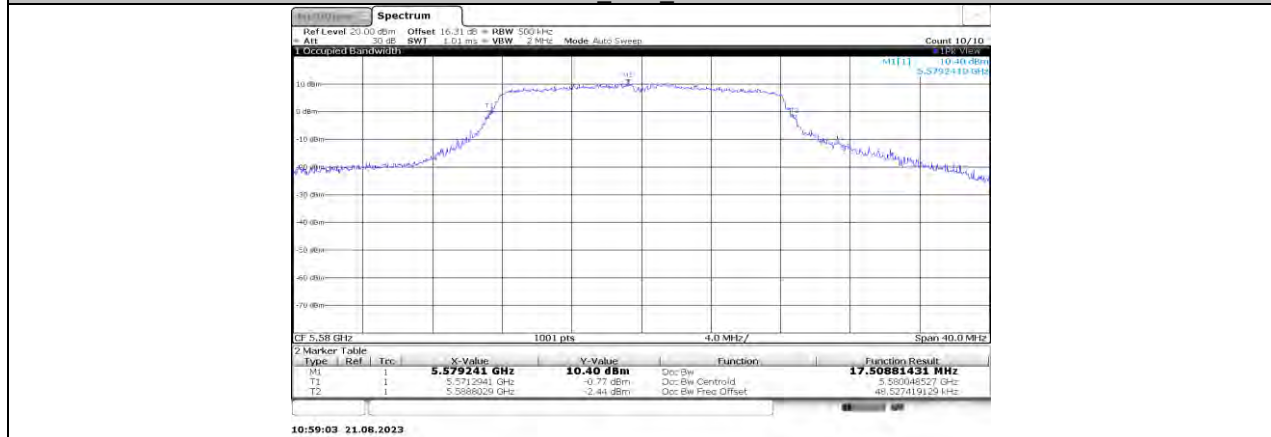
11.2.2. Test Graphs



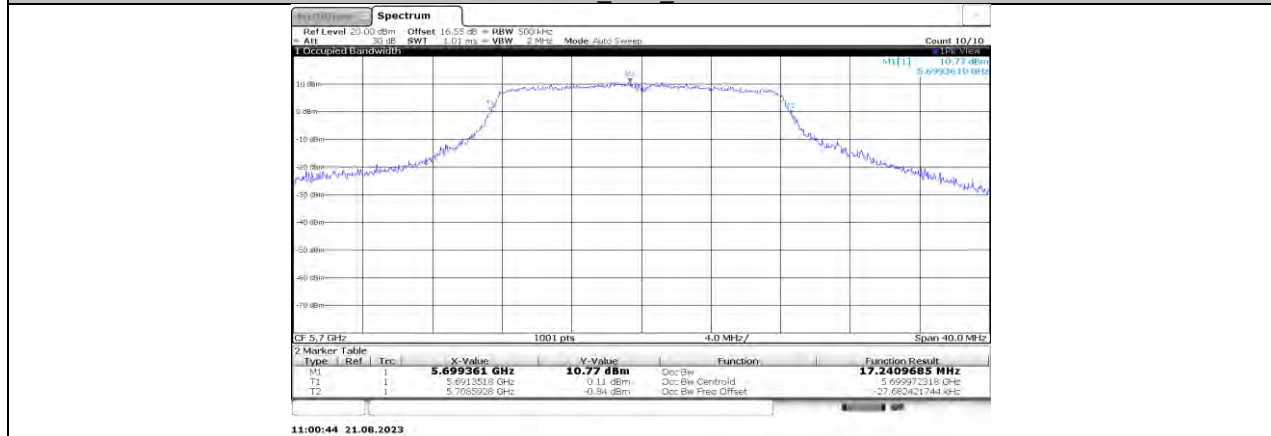




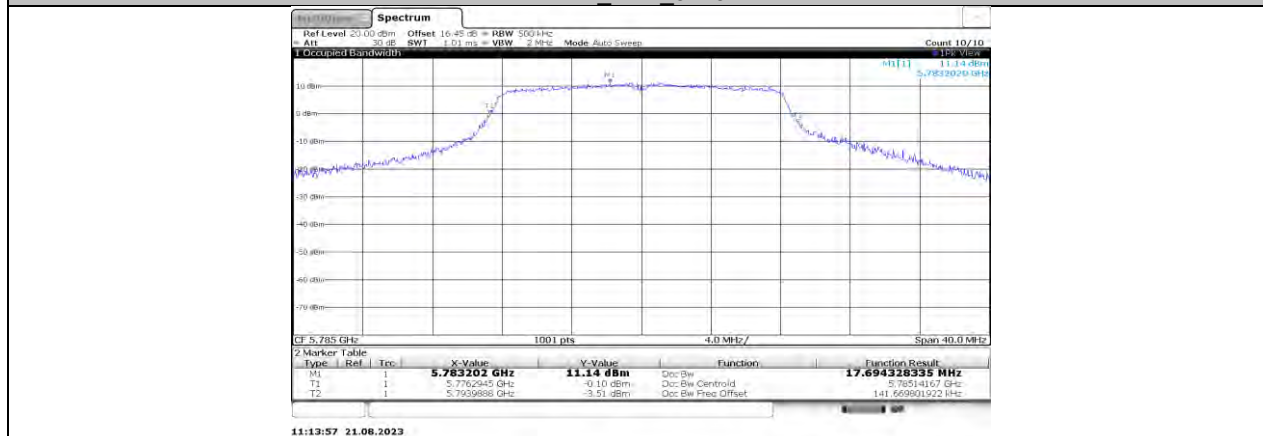
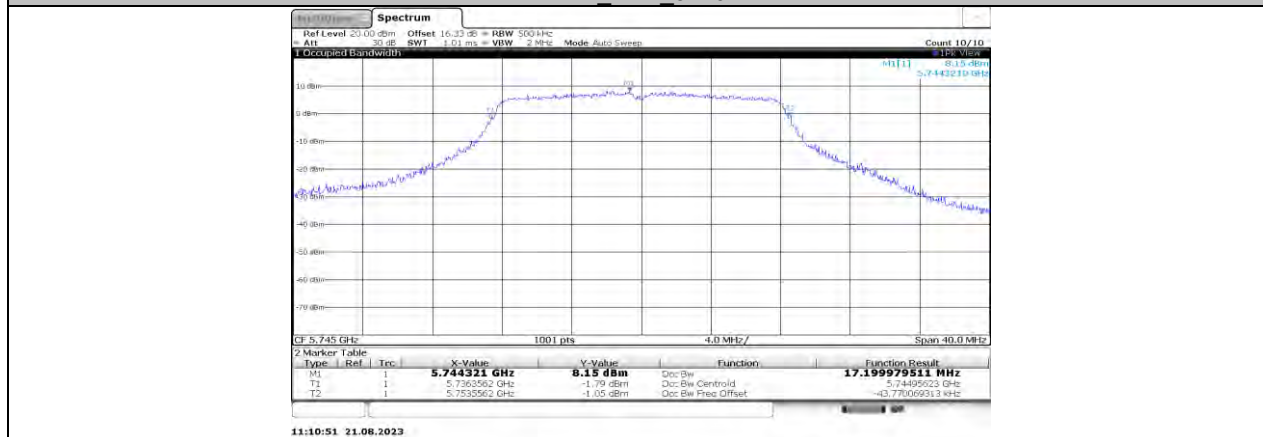
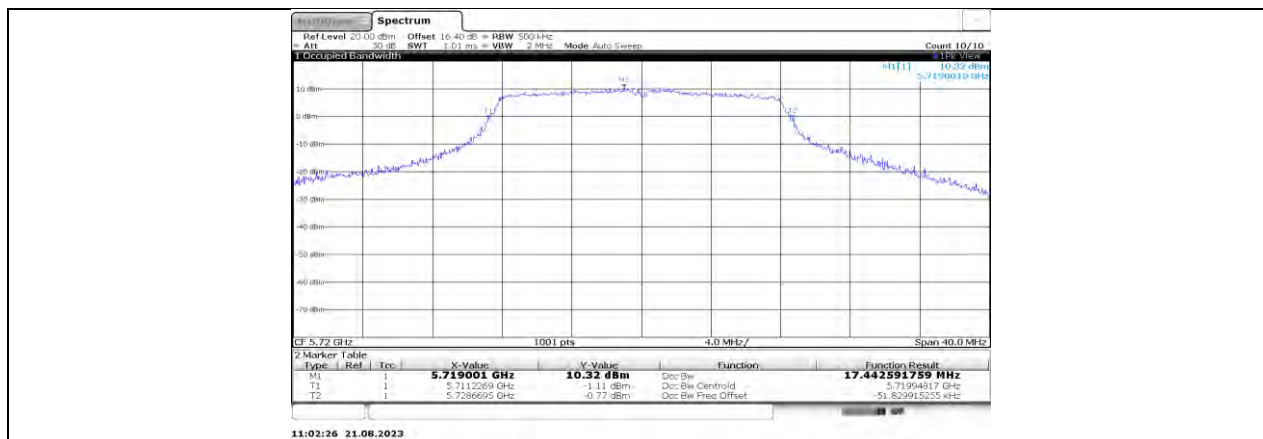
11A_Ant1_5500

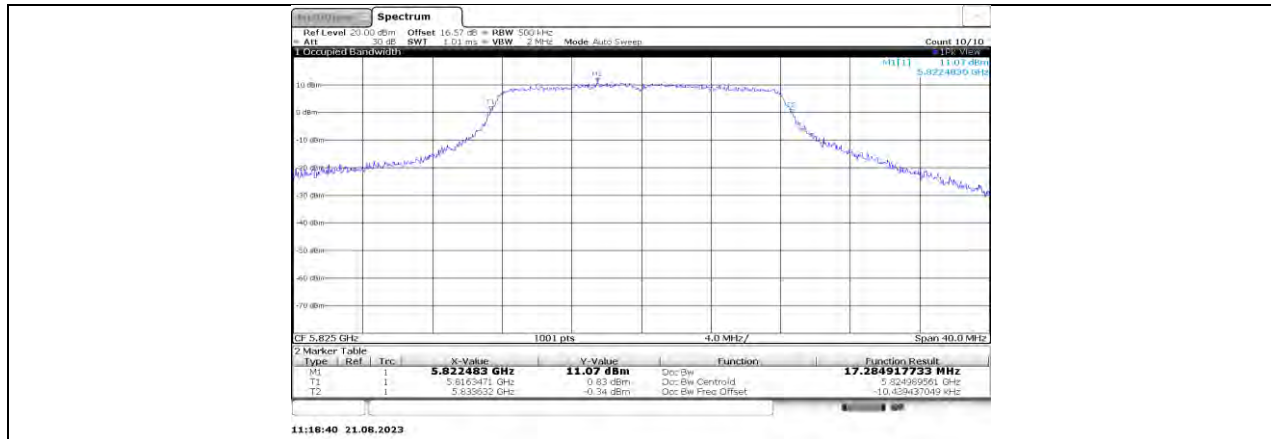


11A_Ant1_5580

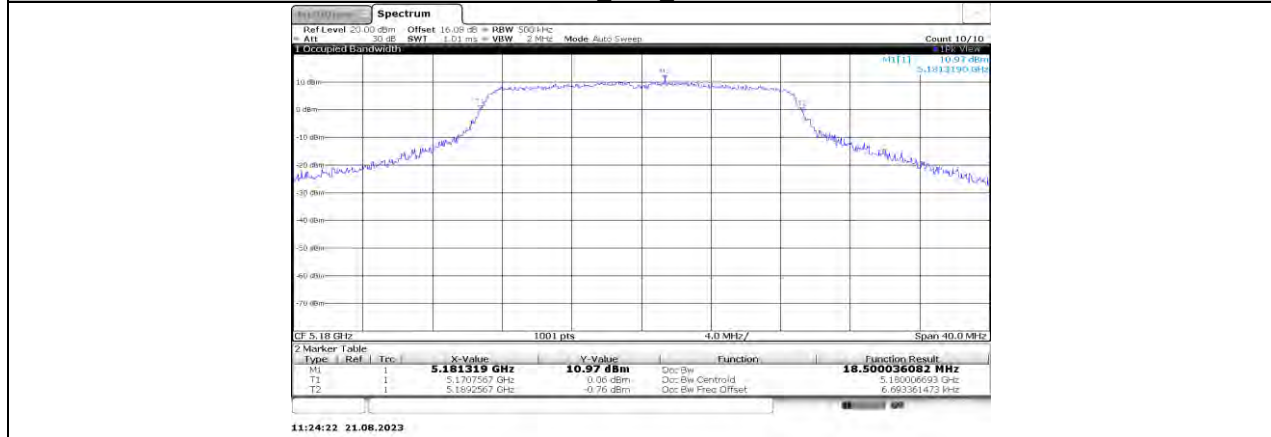


11A_Ant1_5700

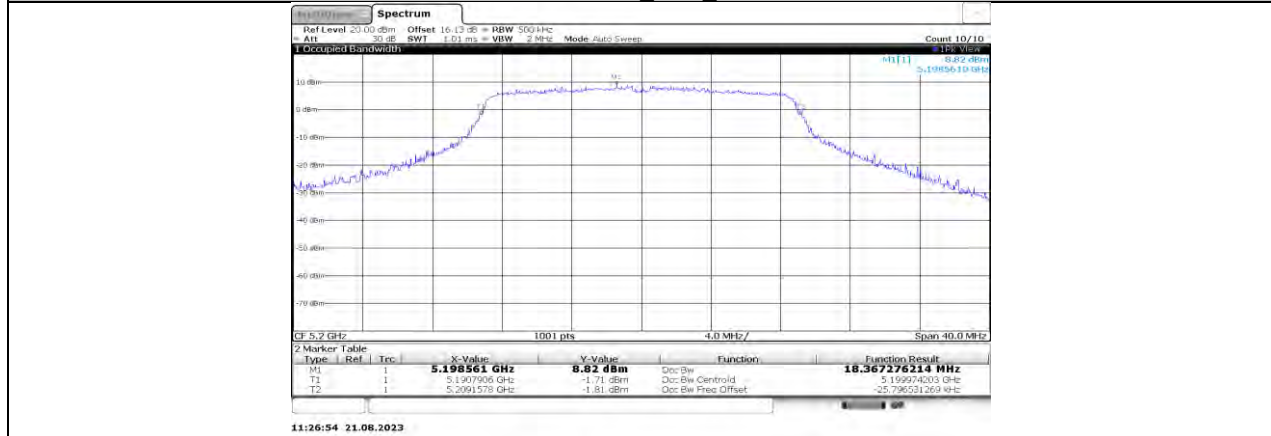




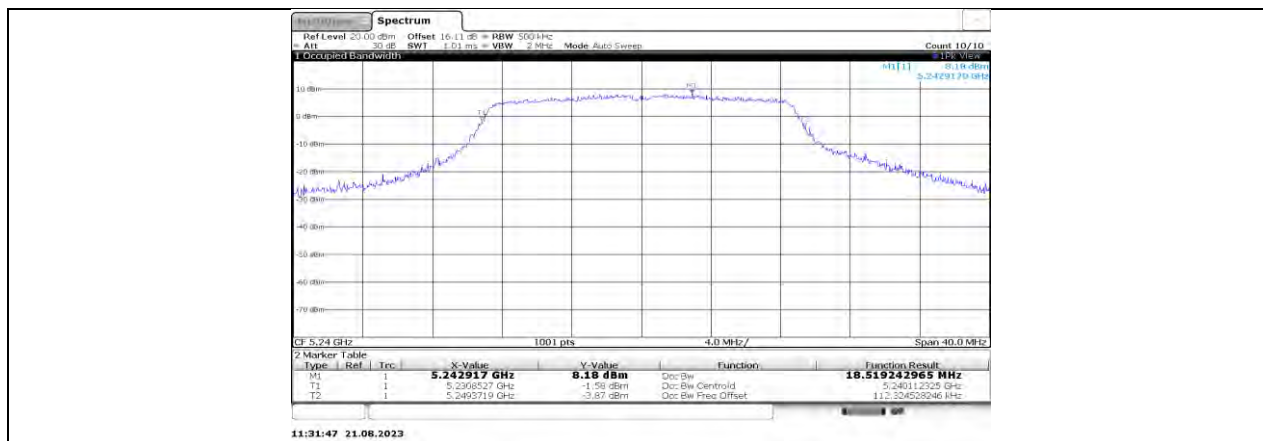
11A Ant1 5825



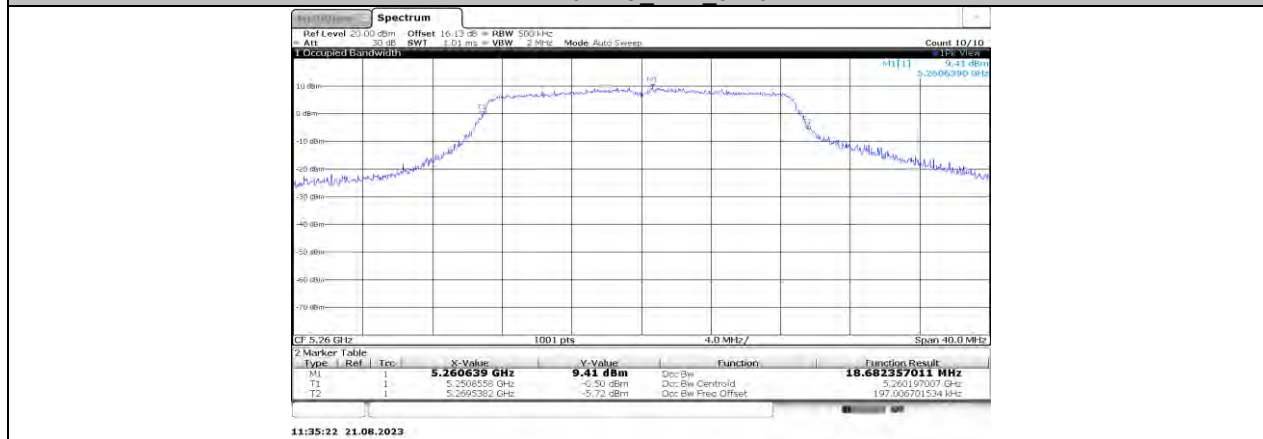
11N20SISO Ant1 5180



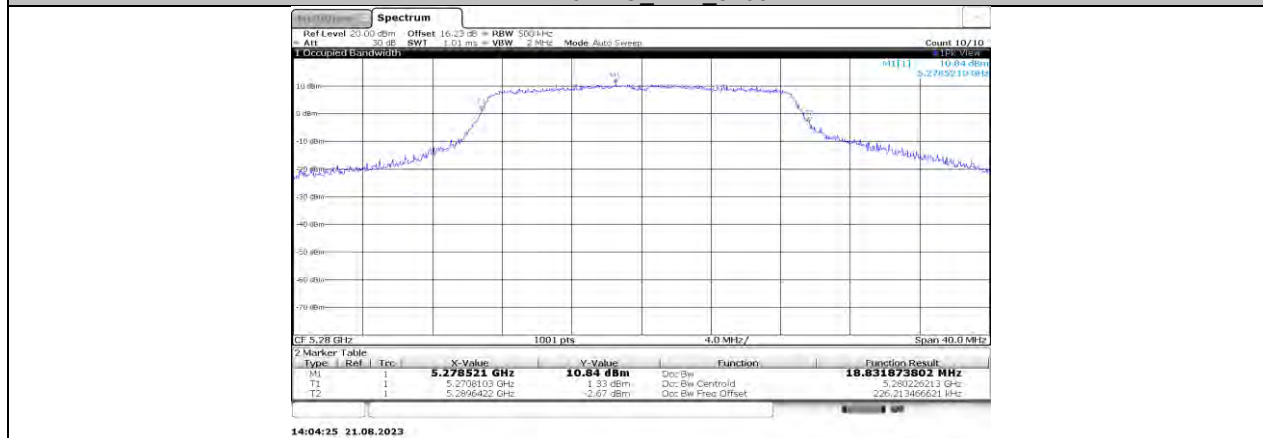
11N20SISO Ant1 5200



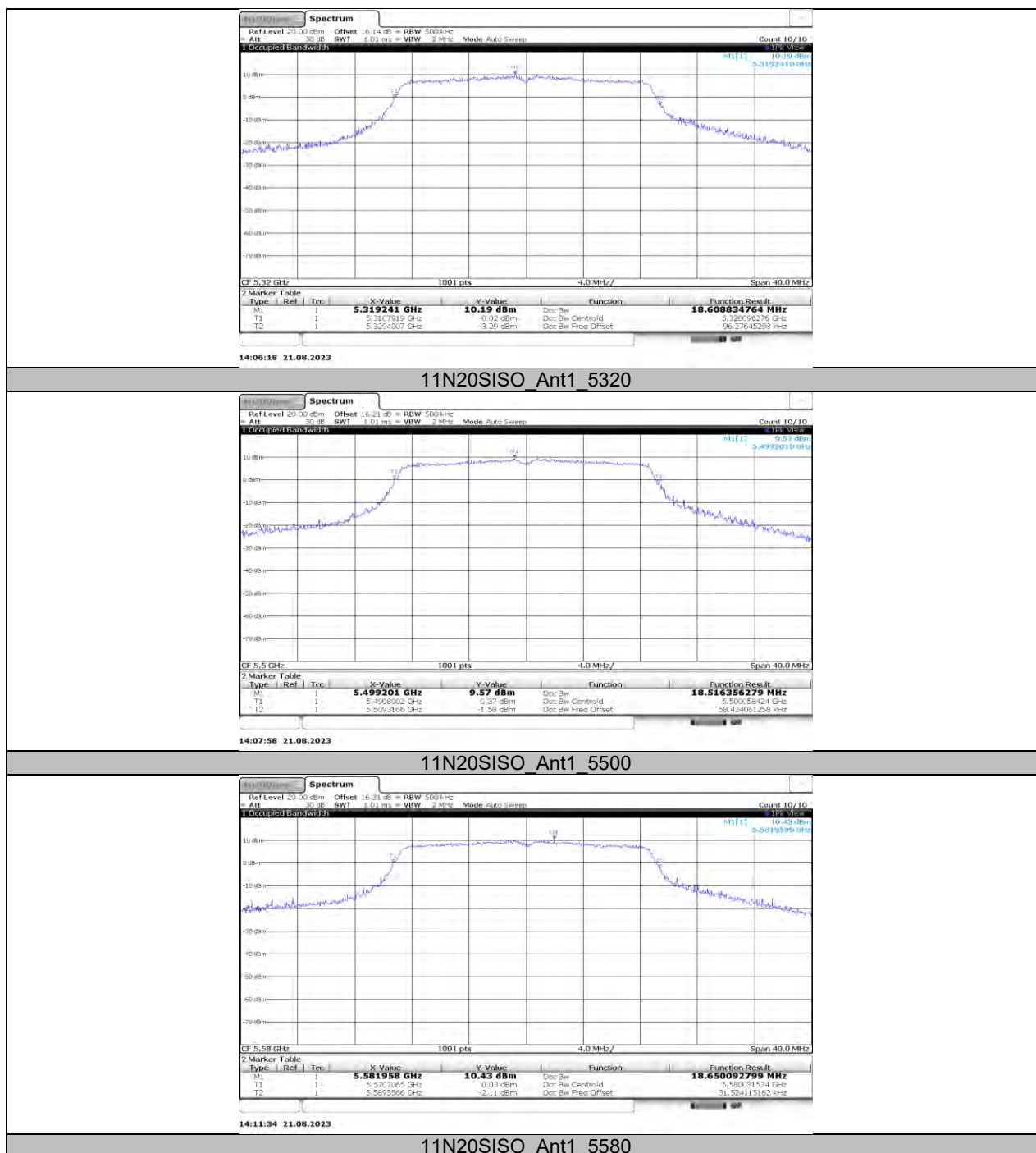
11N20SISO Ant1 5240

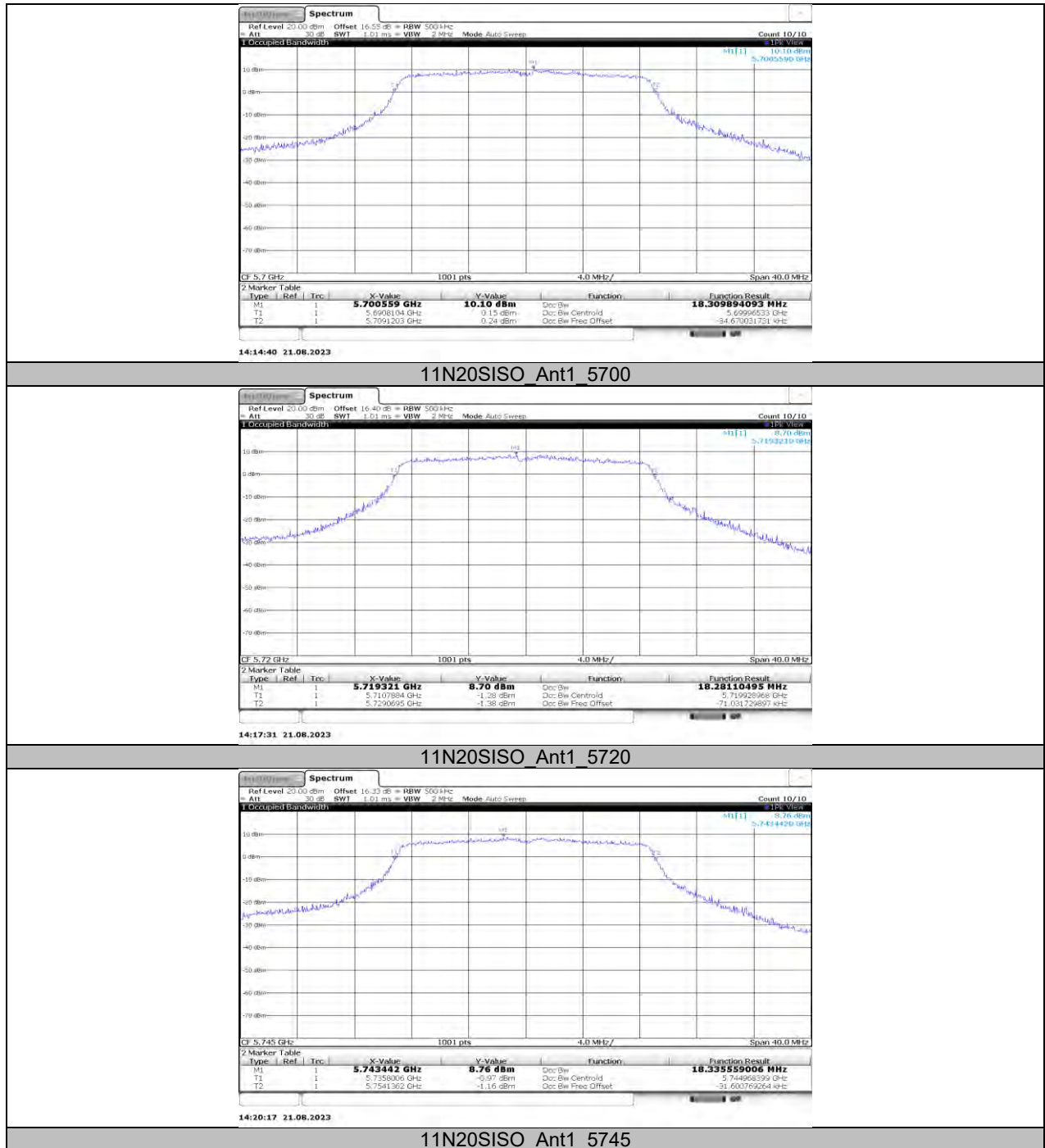


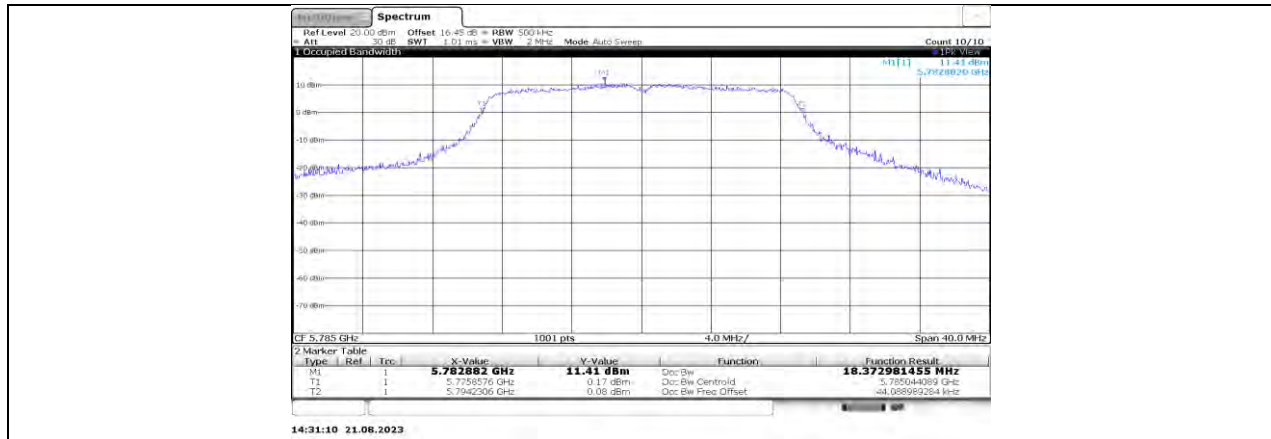
11N20SISO Ant1 5260



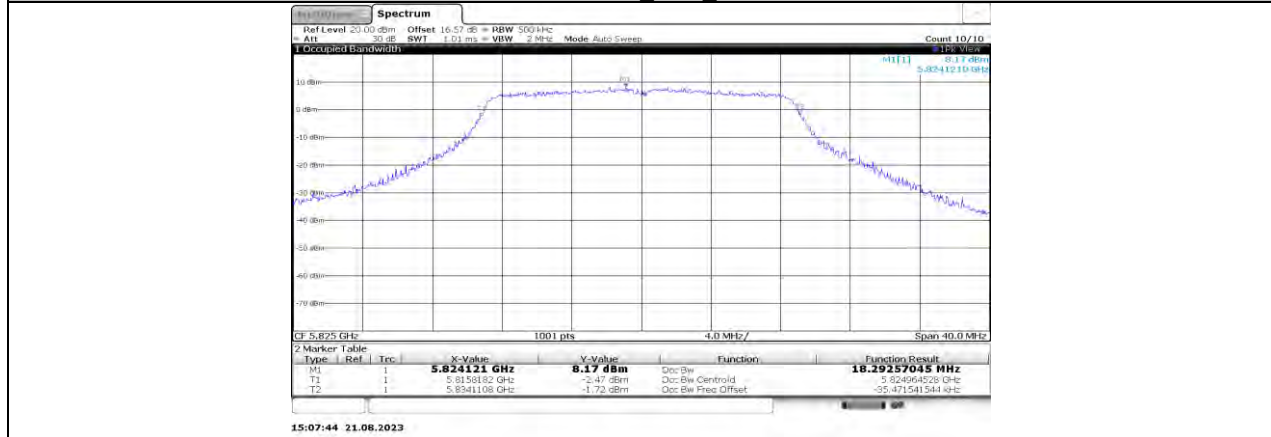
11N20SISO Ant1 5280



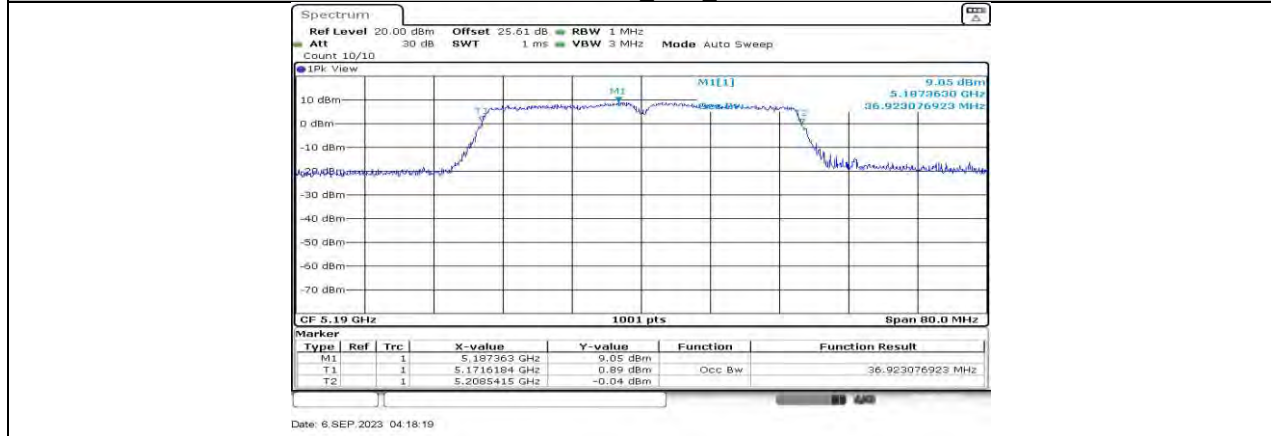




11N20SISO Ant1 5785



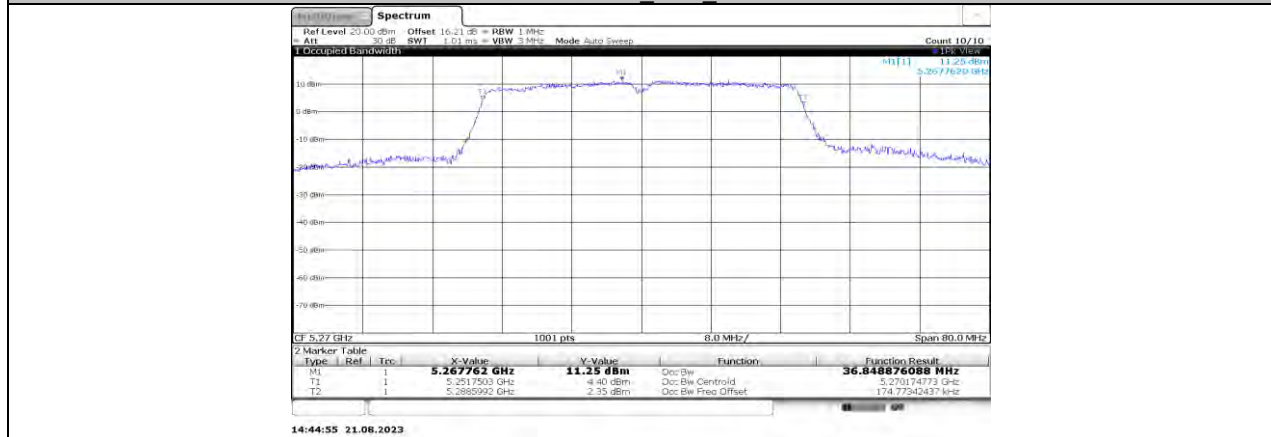
11N20SISO Ant1 5825



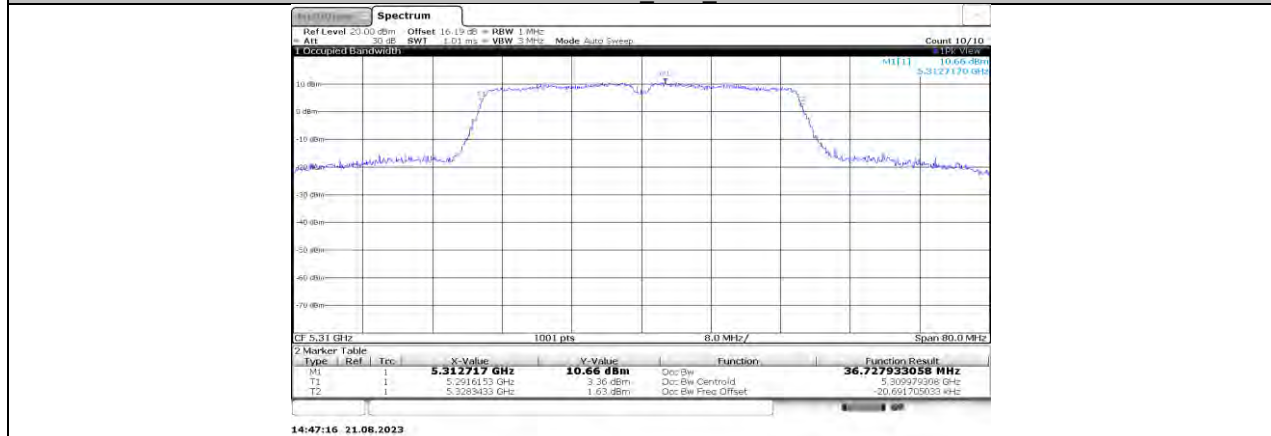
11N40SISO Ant1 5190



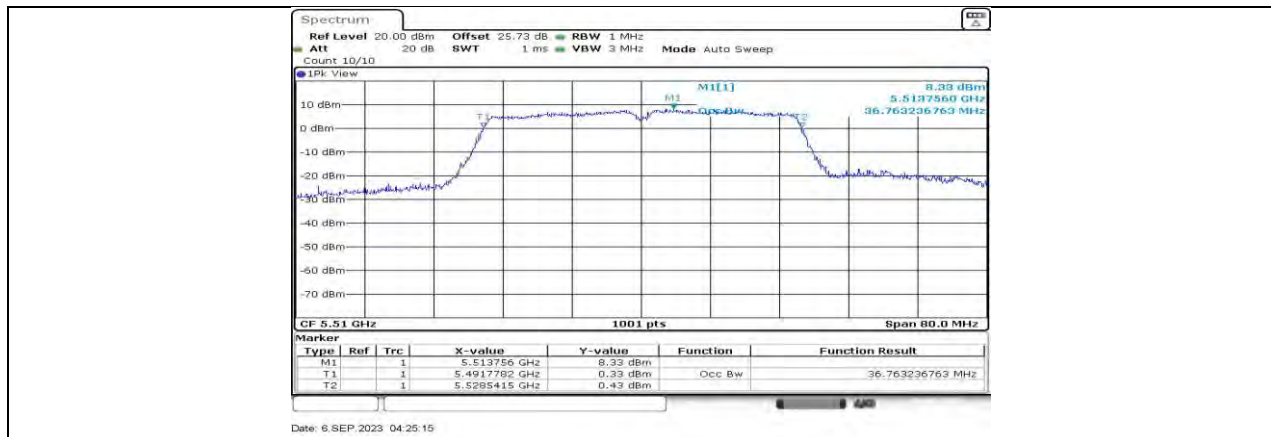
11N40SISO_Ant1_5230



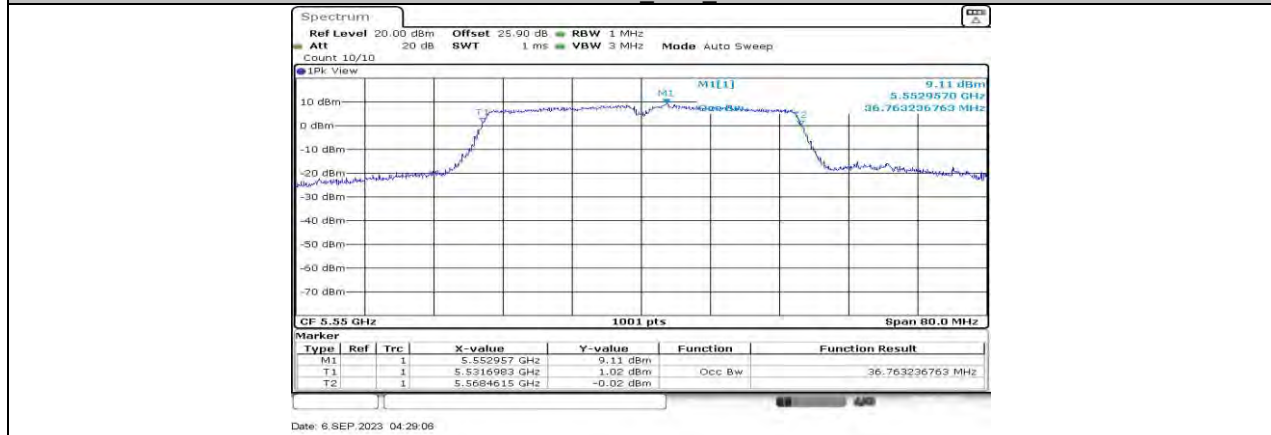
11N40SISO_Ant1_5270



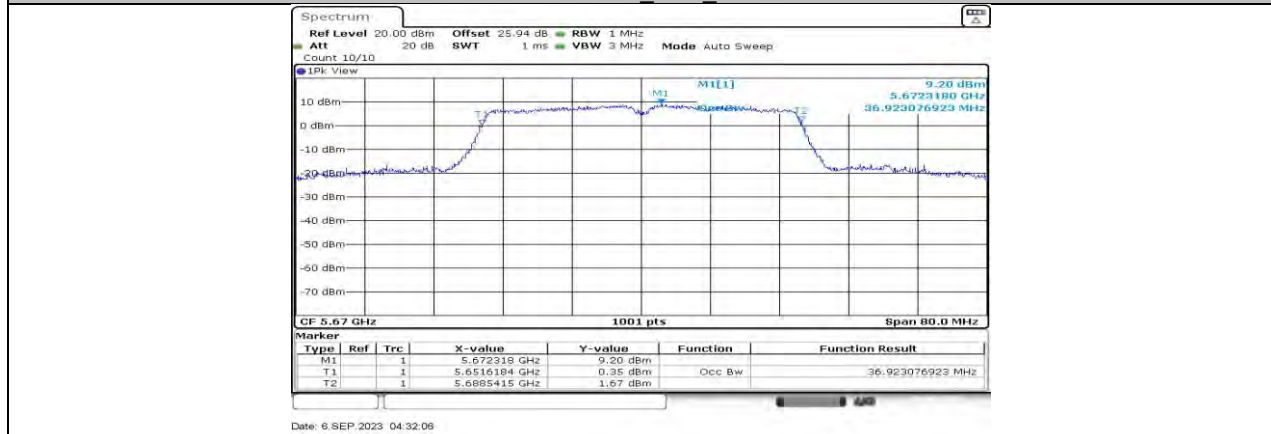
11N40SISO_Ant1_5310



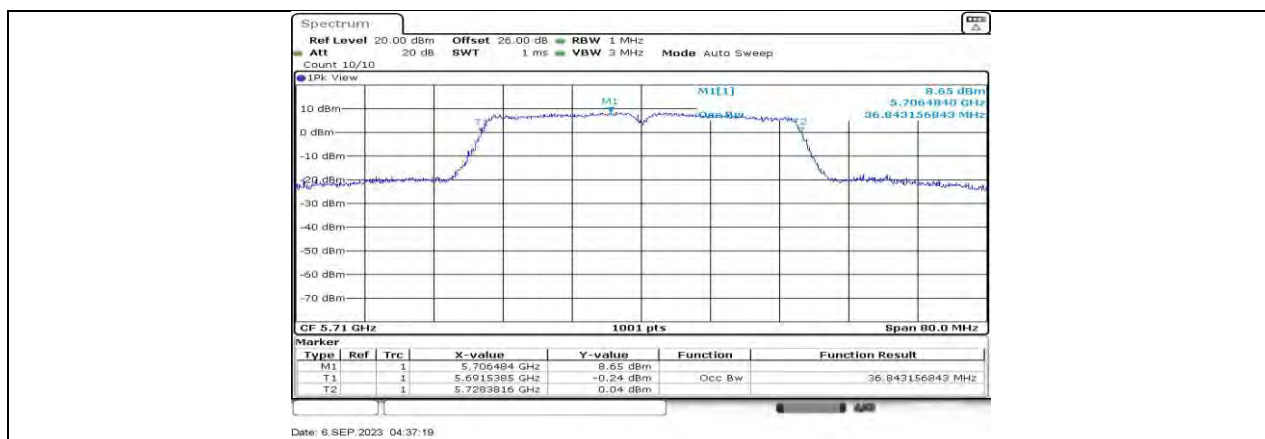
11N40SISO_Ant1_5510



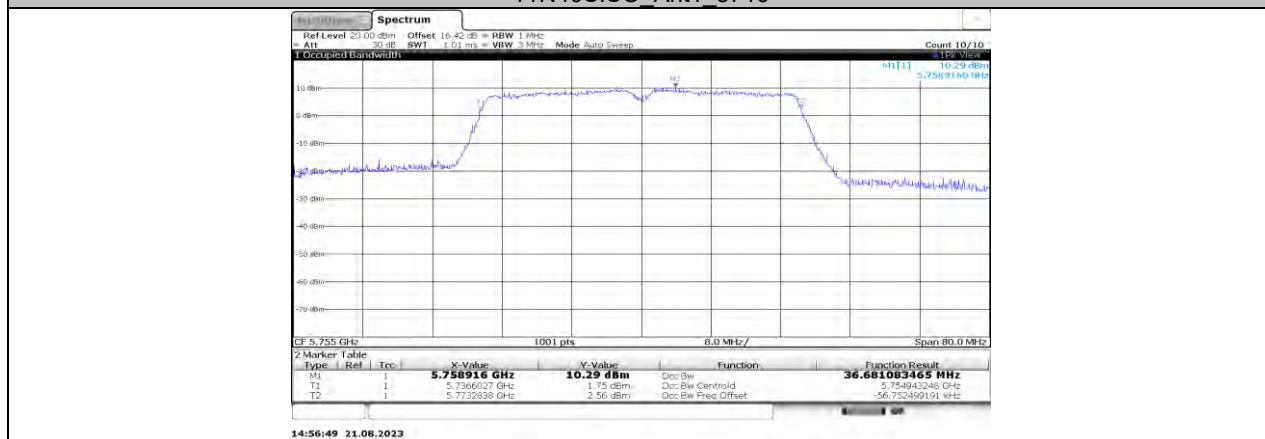
11N40SISO_Ant1_5550



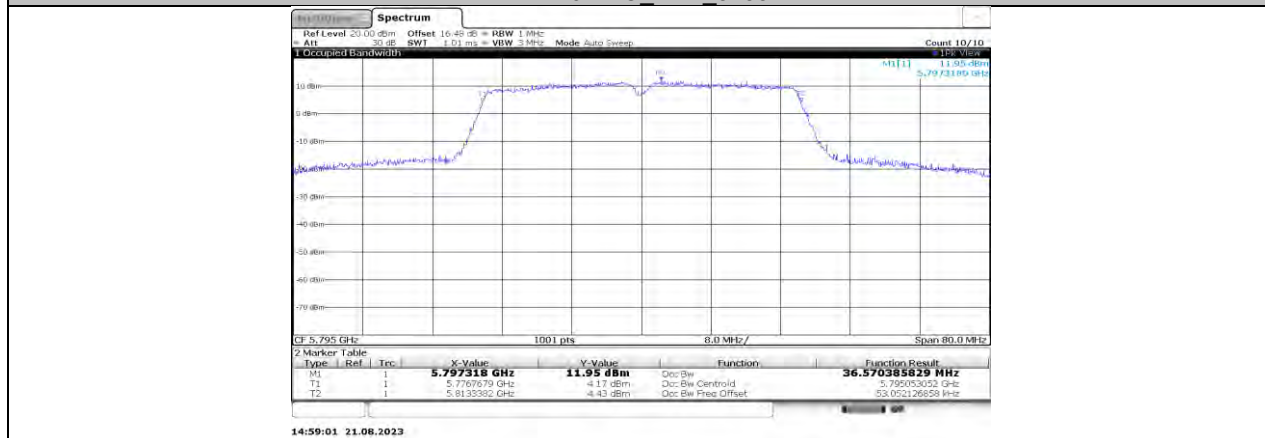
11N40SISO_Ant1_5670



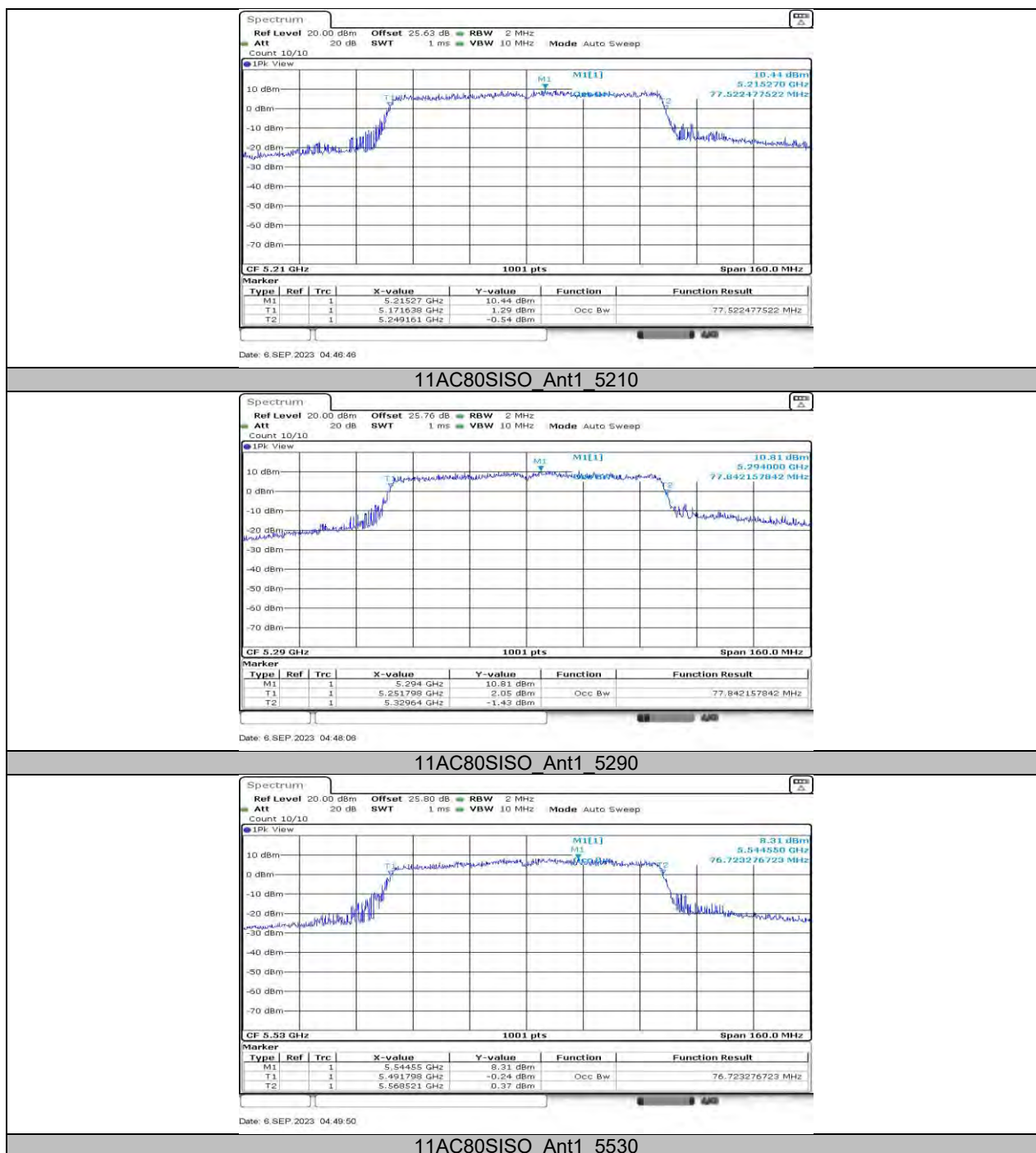
11N40SISO_Ant1_5710

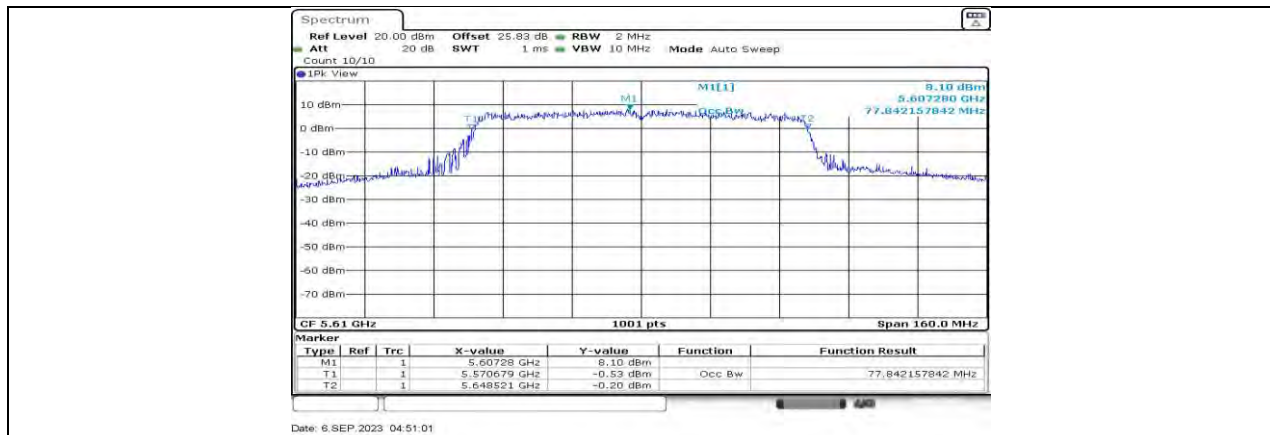


11N40SISO_Ant1_5755

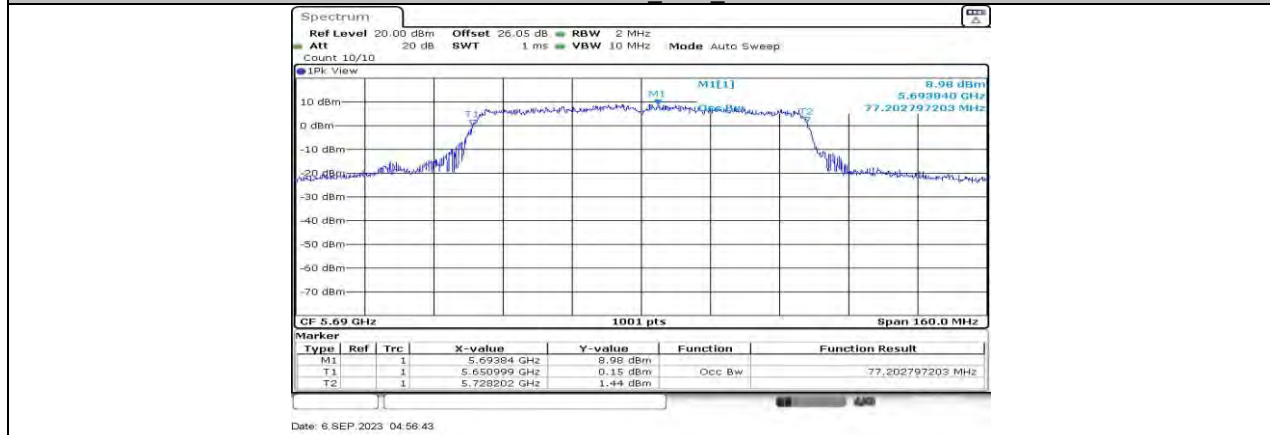


11N40SISO_Ant1_5795

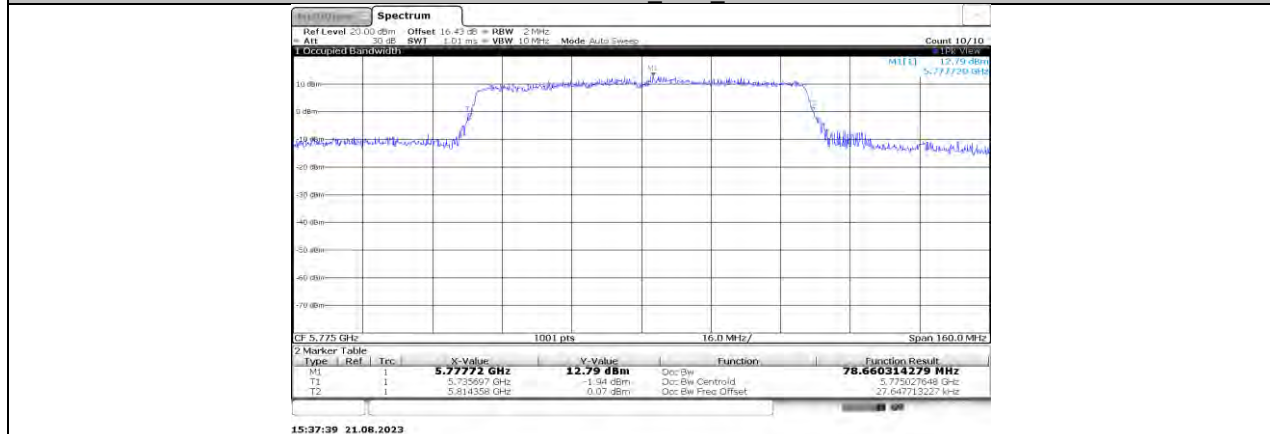




11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5690



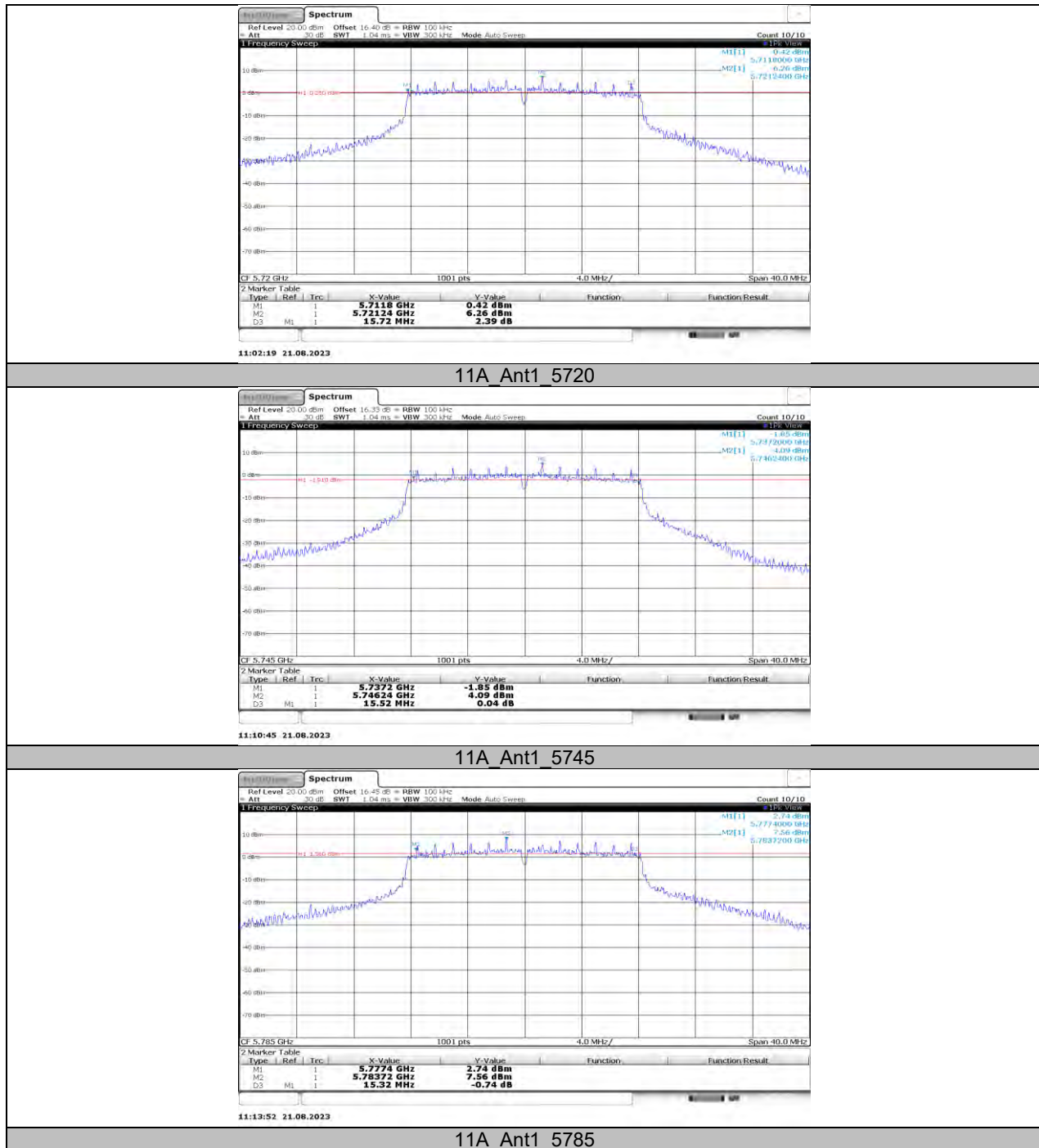
11AC80SISO_Ant1_5775

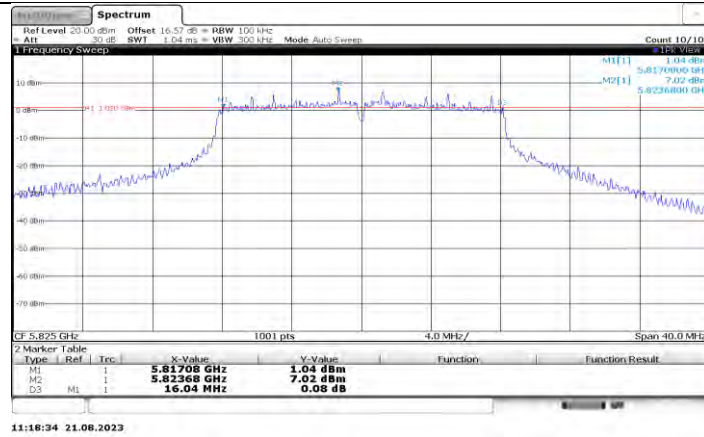
11.3. APPENDIX A3: MIN EMISSION BANDWIDTH

11.3.1. Test Result

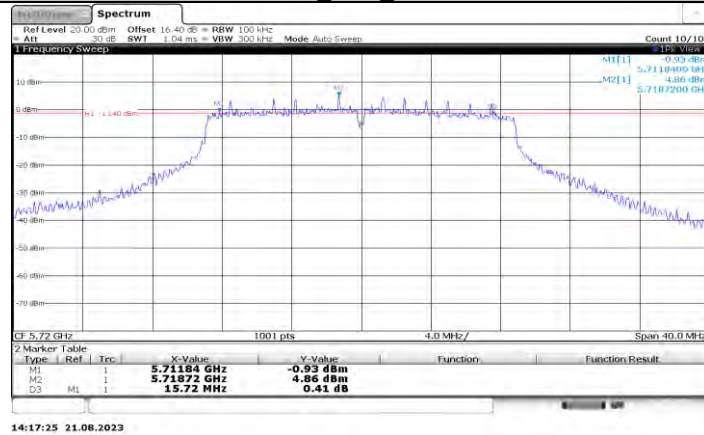
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	15.72	5711.80	5727.52	≥ 0.5	PASS
		5720_UNII-3	2.52	5725	5727.52	≥ 0.5	PASS
		5745	15.52	5737.20	5752.72	≥ 0.5	PASS
		5785	15.32	5777.40	5792.72	≥ 0.5	PASS
		5825	16.04	5817.08	5833.12	≥ 0.5	PASS
11N20SISO	Ant1	5720	15.72	5711.84	5727.56	≥ 0.5	PASS
		5720_UNII-3	2.56	5725	5727.56	≥ 0.5	PASS
		5745	15.64	5737.24	5752.88	≥ 0.5	PASS
		5785	15.72	5777.40	5793.12	≥ 0.5	PASS
		5825	16.04	5817.08	5833.12	≥ 0.5	PASS
11N40SISO	Ant1	5710	35.12	5692.40	5727.52	≥ 0.5	PASS
		5710_UNII-3	2.52	5725	5727.52	≥ 0.5	PASS
		5755	35.68	5737.16	5772.84	≥ 0.5	PASS
		5795	35.68	5777.40	5813.08	≥ 0.5	PASS
11AC80SISO	Ant1	5690	75.04	5652.40	5727.44	≥ 0.5	PASS
		5690_UNII-3	2.44	5725	5727.44	≥ 0.5	PASS
		5775	75.36	5737.40	5812.76	≥ 0.5	PASS

11.3.2. Test Graphs

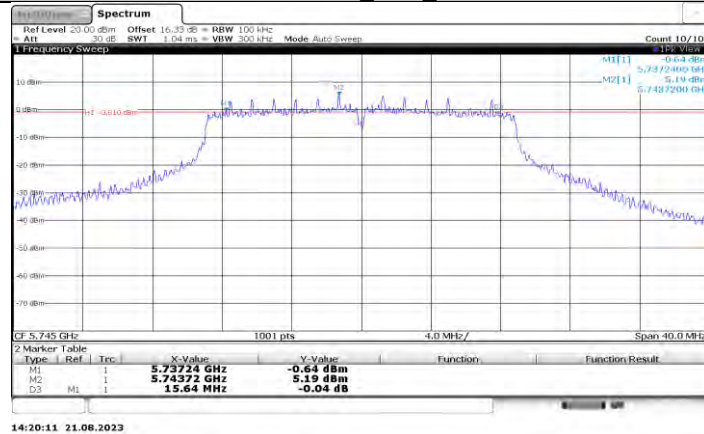




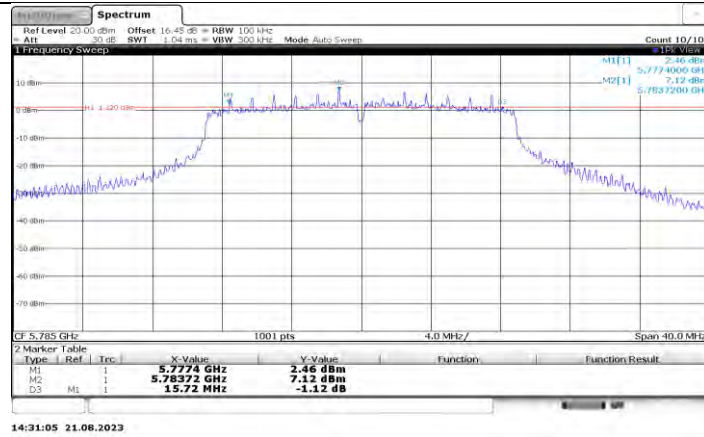
11A Ant1 5825



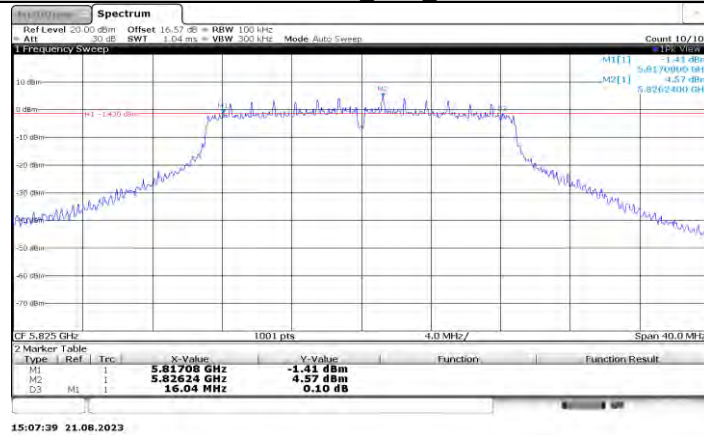
11N20SISO Ant1 5720



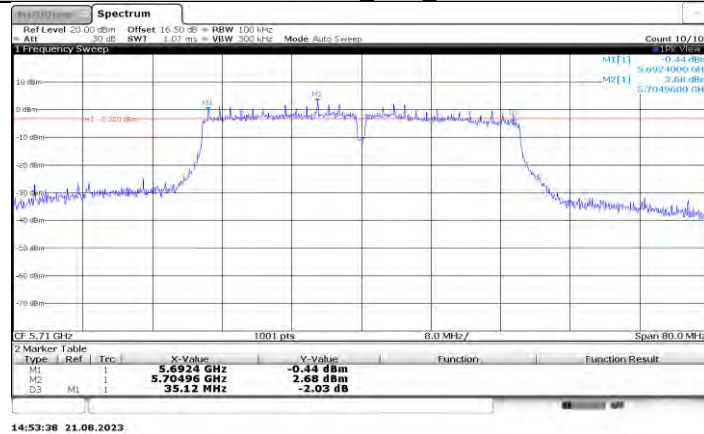
11N20SISO Ant1 5745



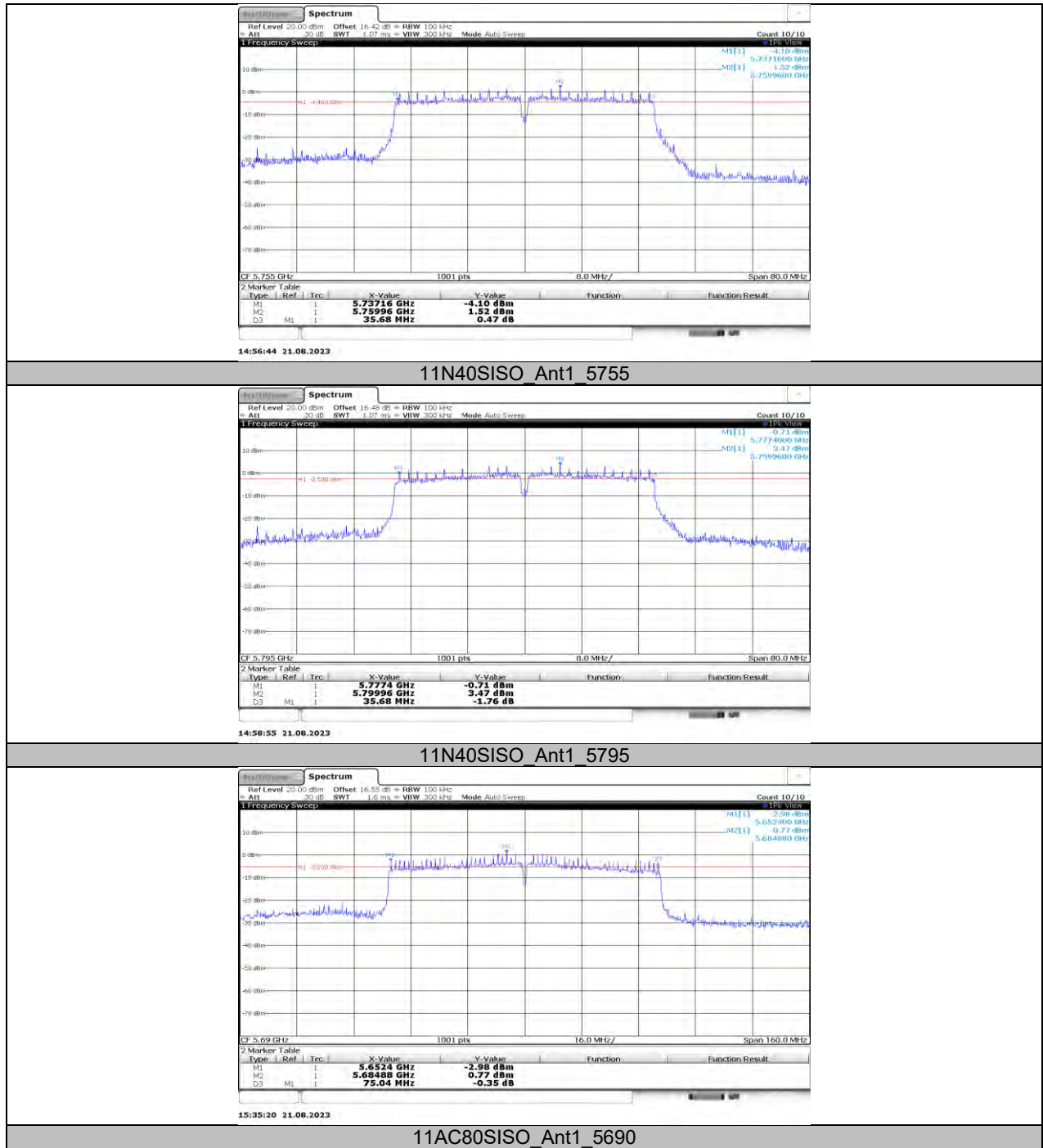
11N20SISO_Ant1_5785

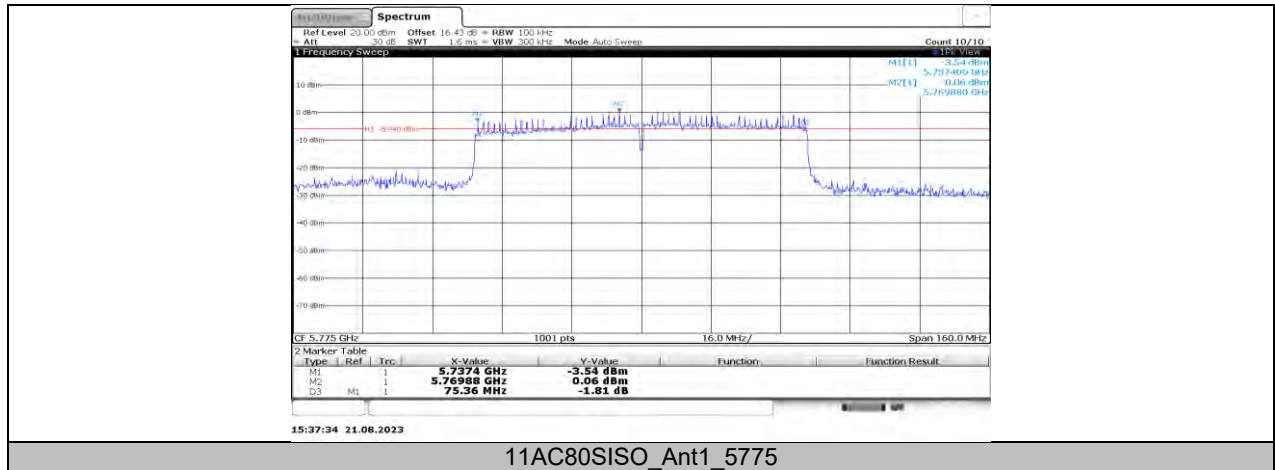


11N20SISO_Ant1_5825



11N40SISO_Ant1_5710





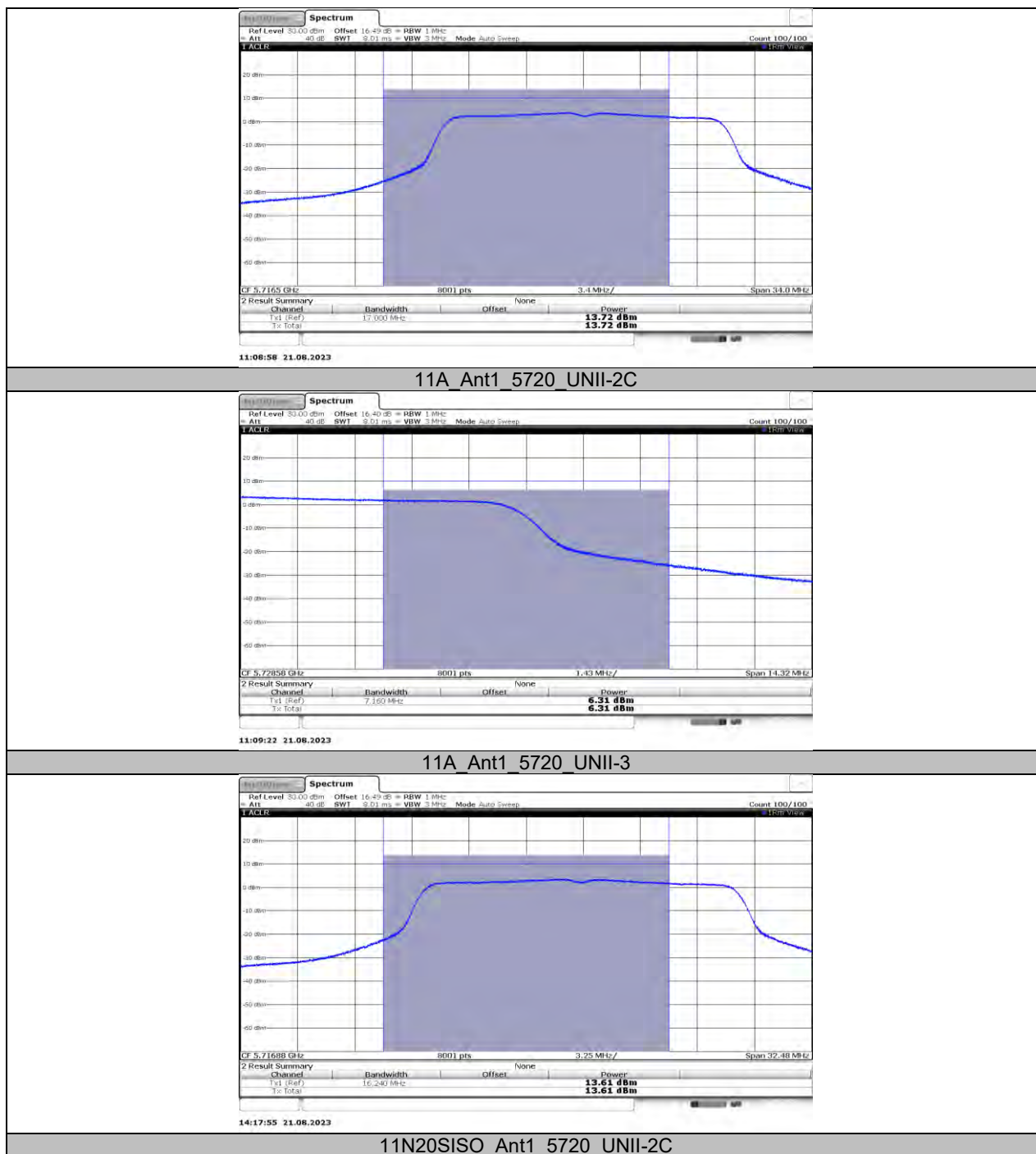
11.4. APPENDIX B: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

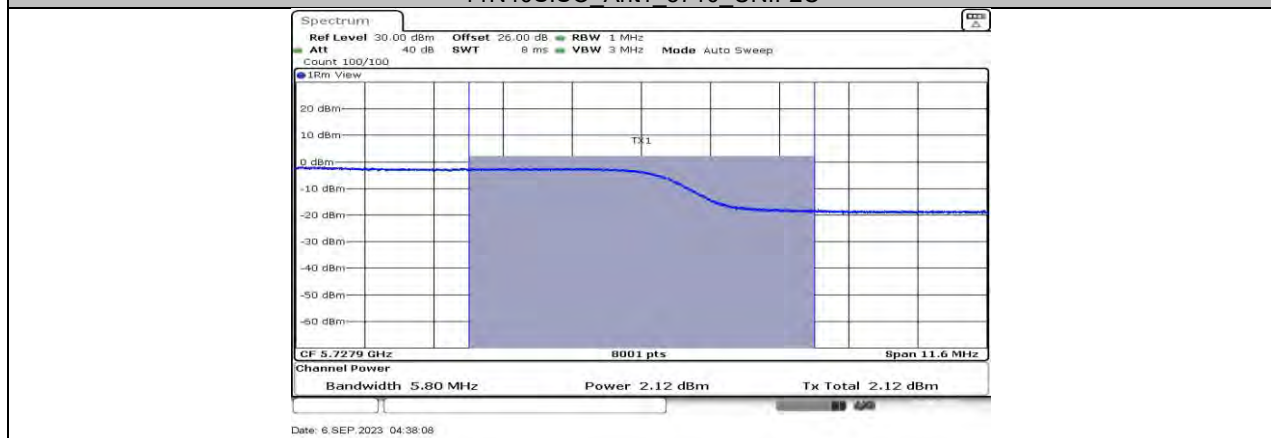
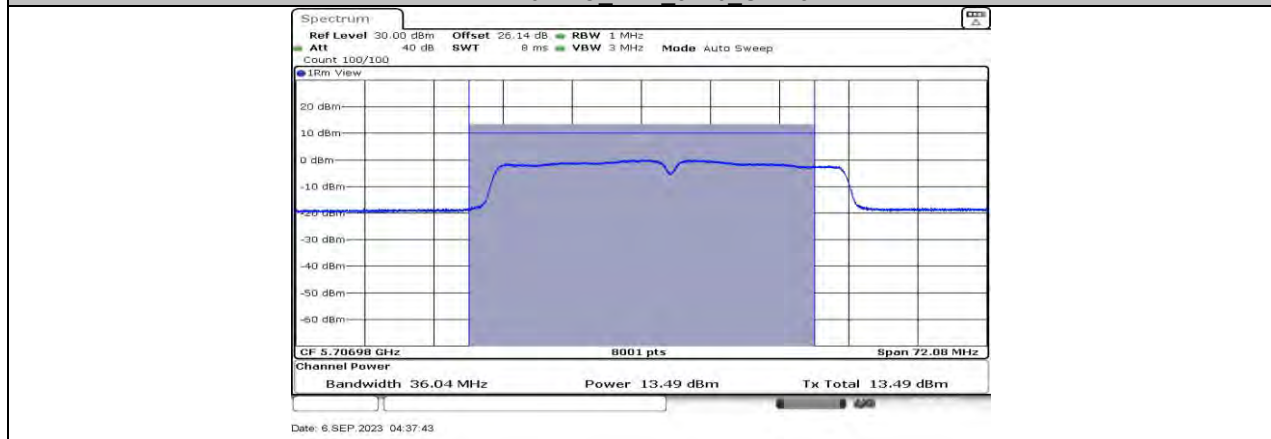
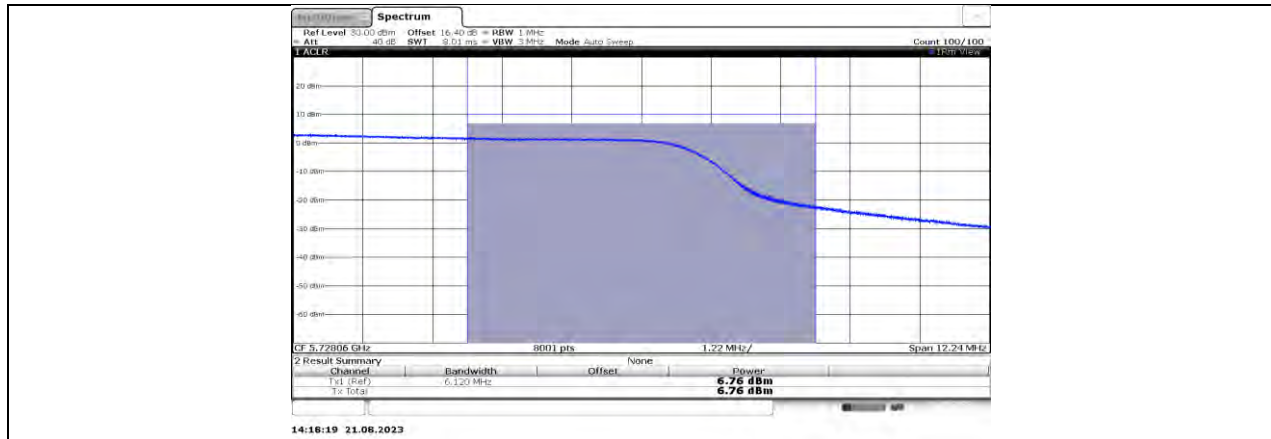
11.4.1. Test Result

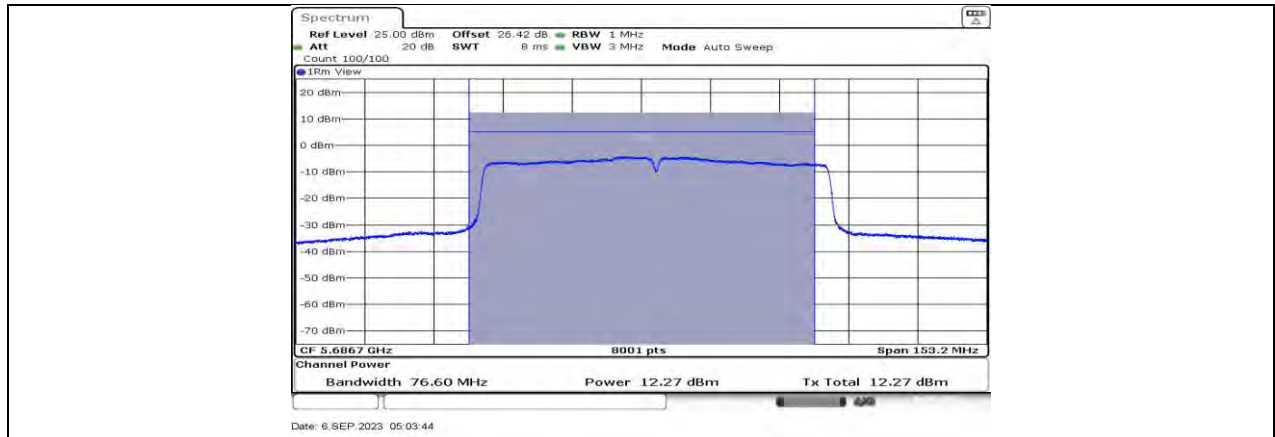
Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	15.52	≤23.98	PASS
		5200	15.78	≤23.98	PASS
		5240	15.34	≤23.98	PASS
		5260	15.20	≤23.98	PASS
		5280	15.81	≤23.98	PASS
		5320	15.23	≤23.98	PASS
		5500	15.21	≤23.98	PASS
		5580	15.98	≤23.98	PASS
		5700	15.30	≤23.98	PASS
		5720 UNII-2C	13.72	≤23.30	PASS
		5720 UNII-3	6.31	≤30.00	PASS
		5745	15.61	≤30.00	PASS
		5785	15.87	≤30.00	PASS
		5825	15.62	≤30.00	PASS
11N20SISO	Ant1	5180	15.37	≤23.98	PASS
		5200	15.69	≤23.98	PASS
		5240	15.47	≤23.98	PASS
		5260	15.43	≤23.98	PASS
		5280	15.26	≤23.98	PASS
		5320	15.63	≤23.98	PASS
		5500	15.56	≤23.98	PASS
		5580	15.62	≤23.98	PASS
		5700	16.03	≤23.98	PASS
		5720 UNII-2C	13.61	≤23.11	PASS
		5720 UNII-3	6.76	≤30.00	PASS
		5745	15.30	≤30.00	PASS
		5785	15.39	≤30.00	PASS
		5825	15.57	≤30.00	PASS
11N40SISO	Ant1	5190	14.47	≤23.98	PASS
		5230	14.67	≤23.98	PASS
		5270	15.65	≤23.98	PASS
		5310	15.69	≤23.98	PASS
		5510	13.13	≤23.98	PASS
		5550	14.00	≤23.98	PASS
		5670	14.01	≤23.98	PASS
		5710 UNII-2C	13.49	≤23.98	PASS
		5710 UNII-3	2.12	≤30.00	PASS
		5755	15.25	≤30.00	PASS
		5795	15.89	≤30.00	PASS
11AC80SISO	Ant1	5210	13.94	≤23.98	PASS
		5290	14.68	≤23.98	PASS
		5530	12.51	≤23.98	PASS
		5610	12.50	≤23.98	PASS
		5690 UNII-2C	12.27	≤23.98	PASS
		5690 UNII-3	-3.11	≤30.00	PASS
		5775	15.77	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

11.4.2. Test Graphs







11AC80SISO_Ant1_5690_UNII-2C



11AC80SISO_Ant1_5690_UNII-3

11.5. APPENDIX C: MAXIMUM POWER SPECTRAL DENSITY

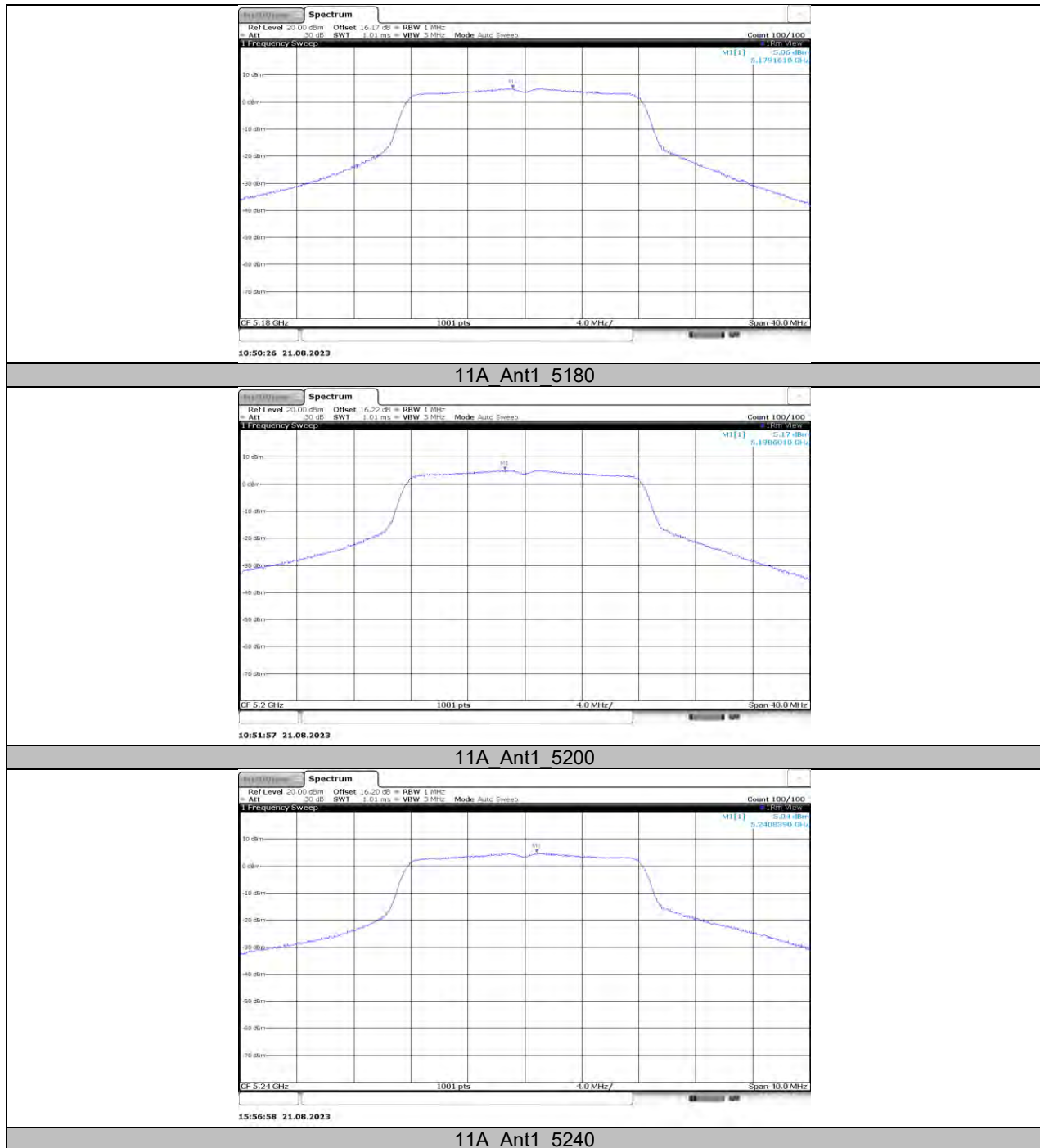
11.5.1. Test Result

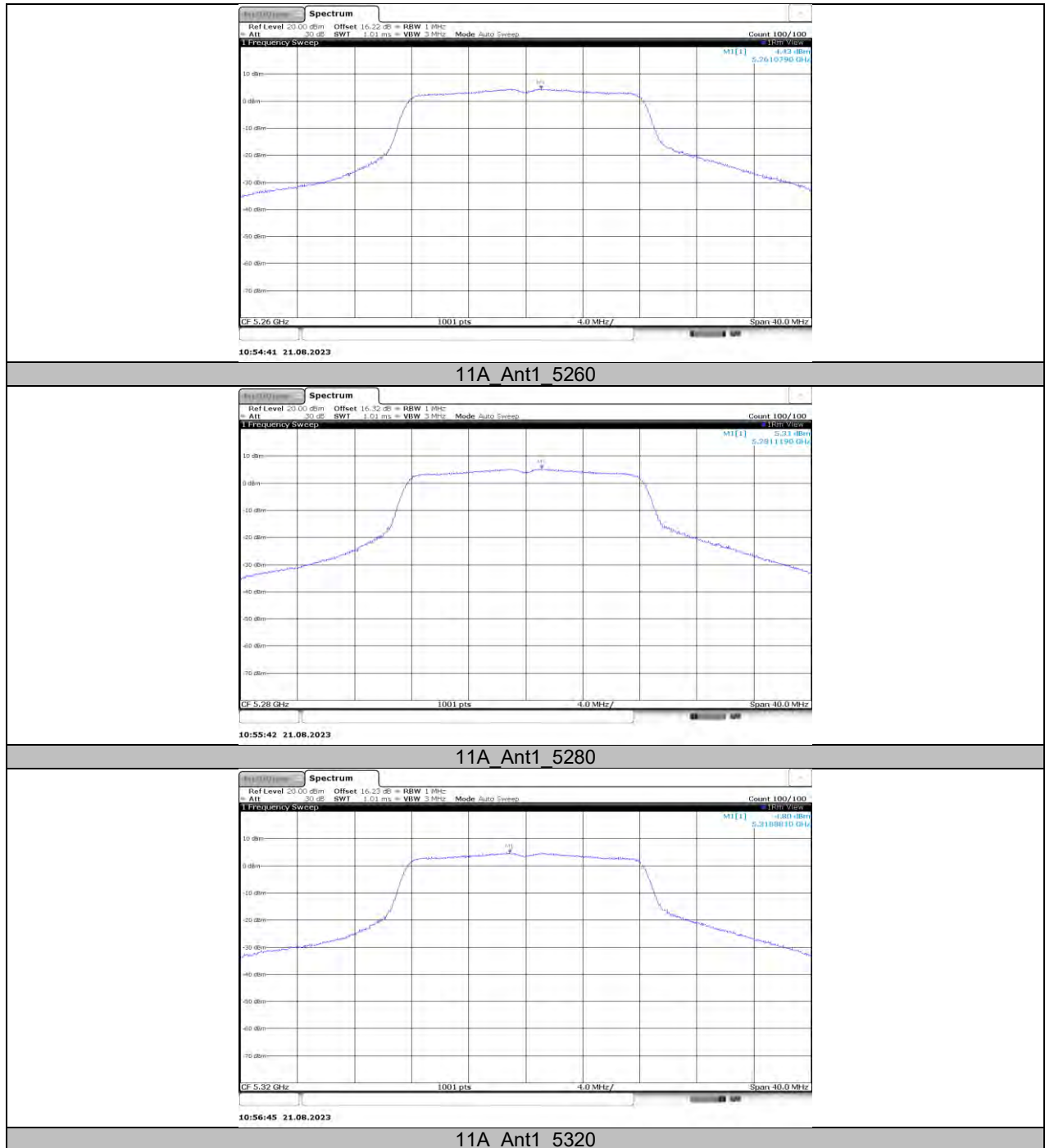
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	5.06	≤11.00	PASS
		5200	5.17	≤11.00	PASS
		5240	5.04	≤11.00	PASS
		5260	4.43	≤11.00	PASS
		5280	5.31	≤11.00	PASS
		5320	4.8	≤11.00	PASS
		5500	4.61	≤11.00	PASS
		5580	5.58	≤11.00	PASS
		5700	4.78	≤11.00	PASS
		5720 UNII-2C	3.88	≤11.00	PASS
		5720 UNII-3	-0.96	≤30.00	PASS
		5745	2.22	≤30.00	PASS
		5785	2.66	≤30.00	PASS
		5825	2.44	≤30.00	PASS
11N20SISO	Ant1	5180	4.52	≤11.00	PASS
		5200	5.07	≤11.00	PASS
		5240	4.64	≤11.00	PASS
		5260	4.39	≤11.00	PASS
		5280	4.61	≤11.00	PASS
		5320	5.03	≤11.00	PASS
		5500	4.89	≤11.00	PASS
		5580	4.89	≤11.00	PASS
		5700	5.3	≤11.00	PASS
		5720 UNII-2C	3.65	≤11.00	PASS
		5720 UNII-3	-1.24	≤30.00	PASS
		5745	1.81	≤30.00	PASS
		5785	2.02	≤30.00	PASS
		5825	2.11	≤30.00	PASS
11N40SISO	Ant1	5190	0.42	≤11.00	PASS
		5230	0.7	≤11.00	PASS
		5270	2	≤11.00	PASS
		5310	1.88	≤11.00	PASS
		5510	-0.85	≤11.00	PASS
		5550	0.11	≤11.00	PASS
		5670	0.14	≤11.00	PASS
		5710 UNII-2C	-0.11	≤11.00	PASS
		5710 UNII-3	-5.28	≤30.00	PASS
		5755	-1.54	≤30.00	PASS
		5795	-0.85	≤30.00	PASS
11AC80SISO	Ant1	5210	-3.42	≤11.00	PASS
		5290	-2.43	≤11.00	PASS
		5530	-4.34	≤11.00	PASS
		5610	-4.82	≤11.00	PASS
		5690 UNII-2C	-4.5	≤11.00	PASS
		5690 UNII-3	-9.93	≤30.00	PASS
		5775	-3.87	≤30.00	PASS

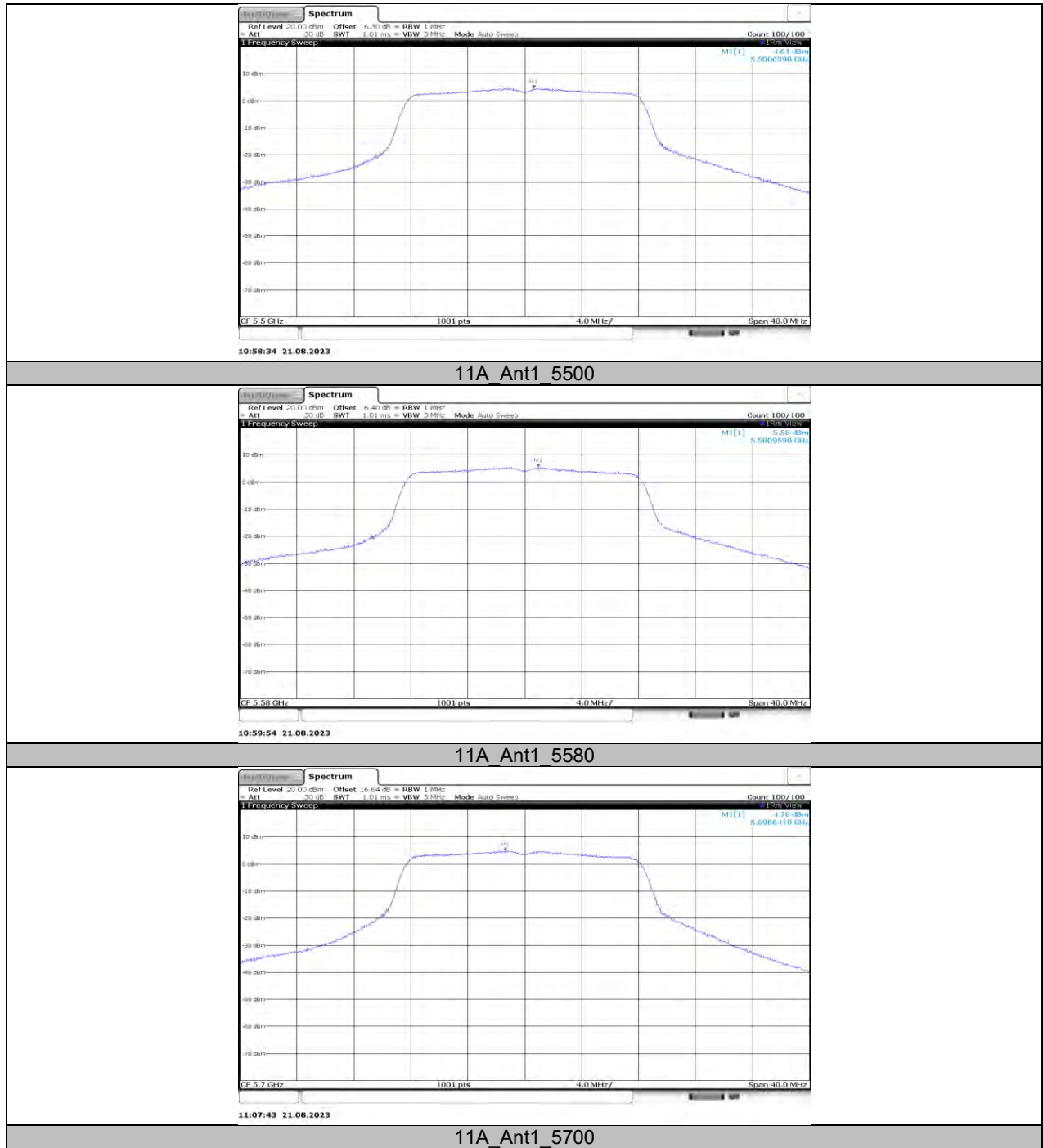
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

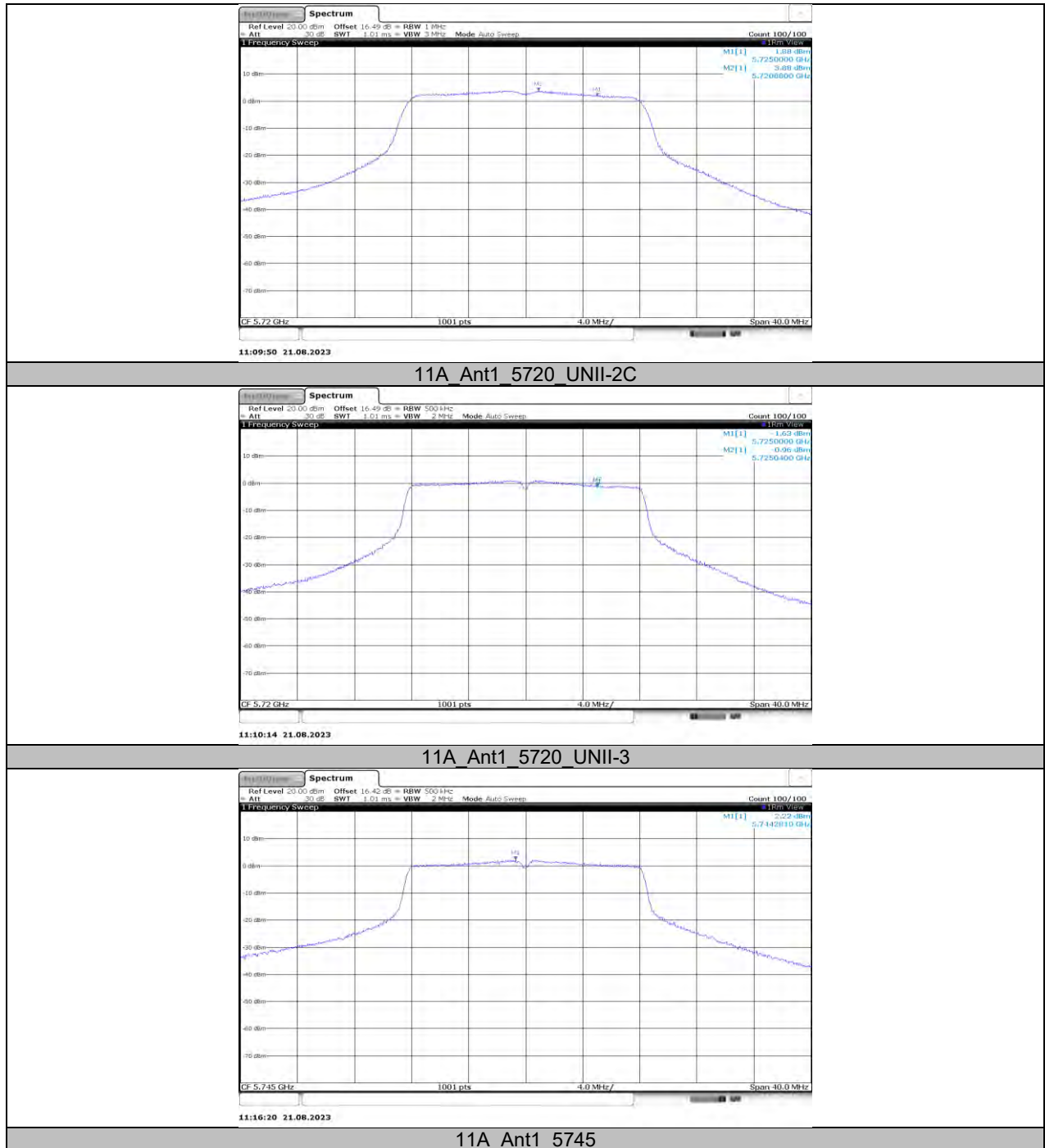
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

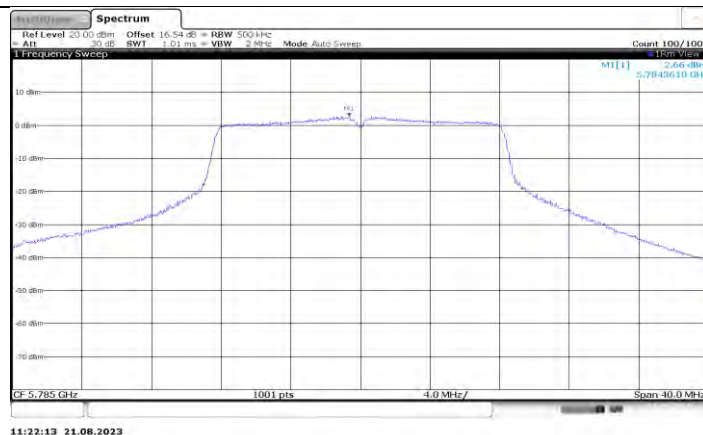
11.5.2. Test Graphs



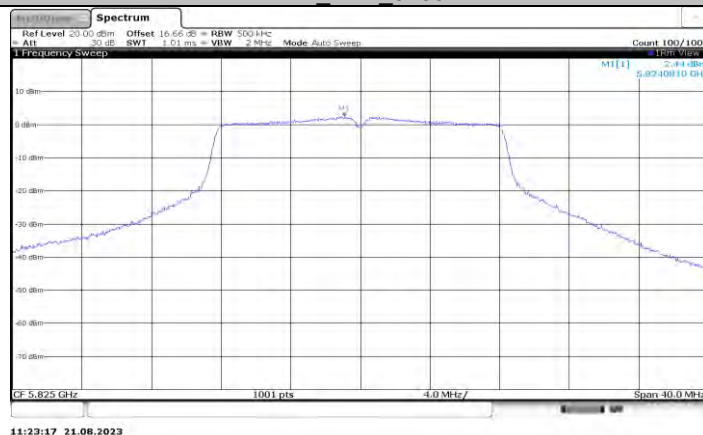




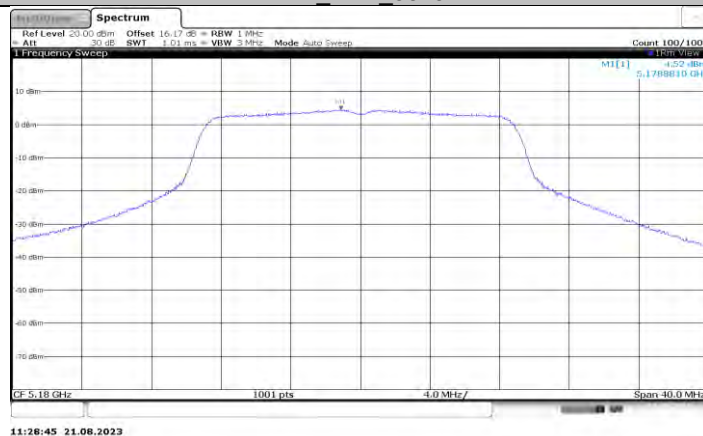




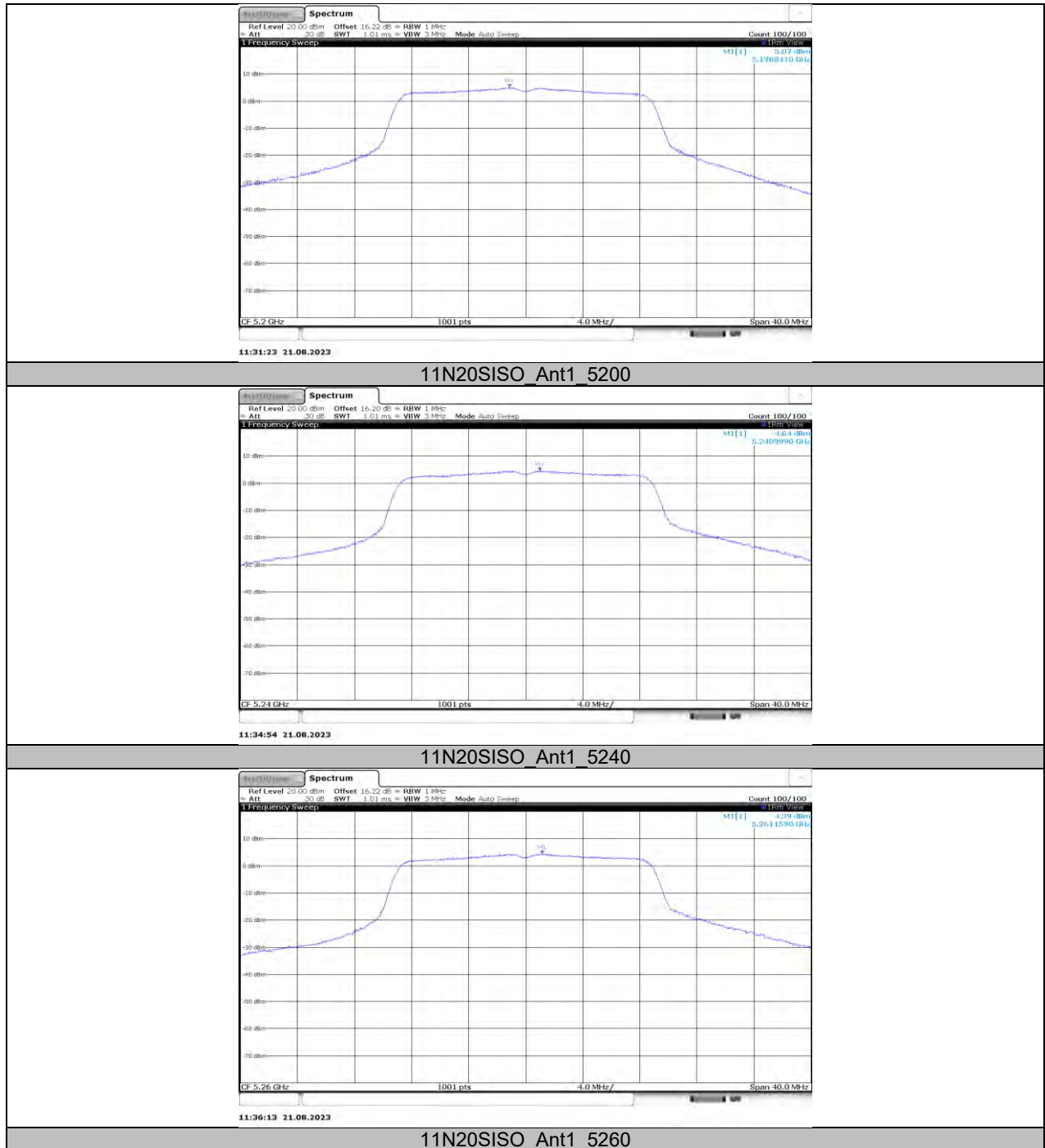
11A_Ant1_5785

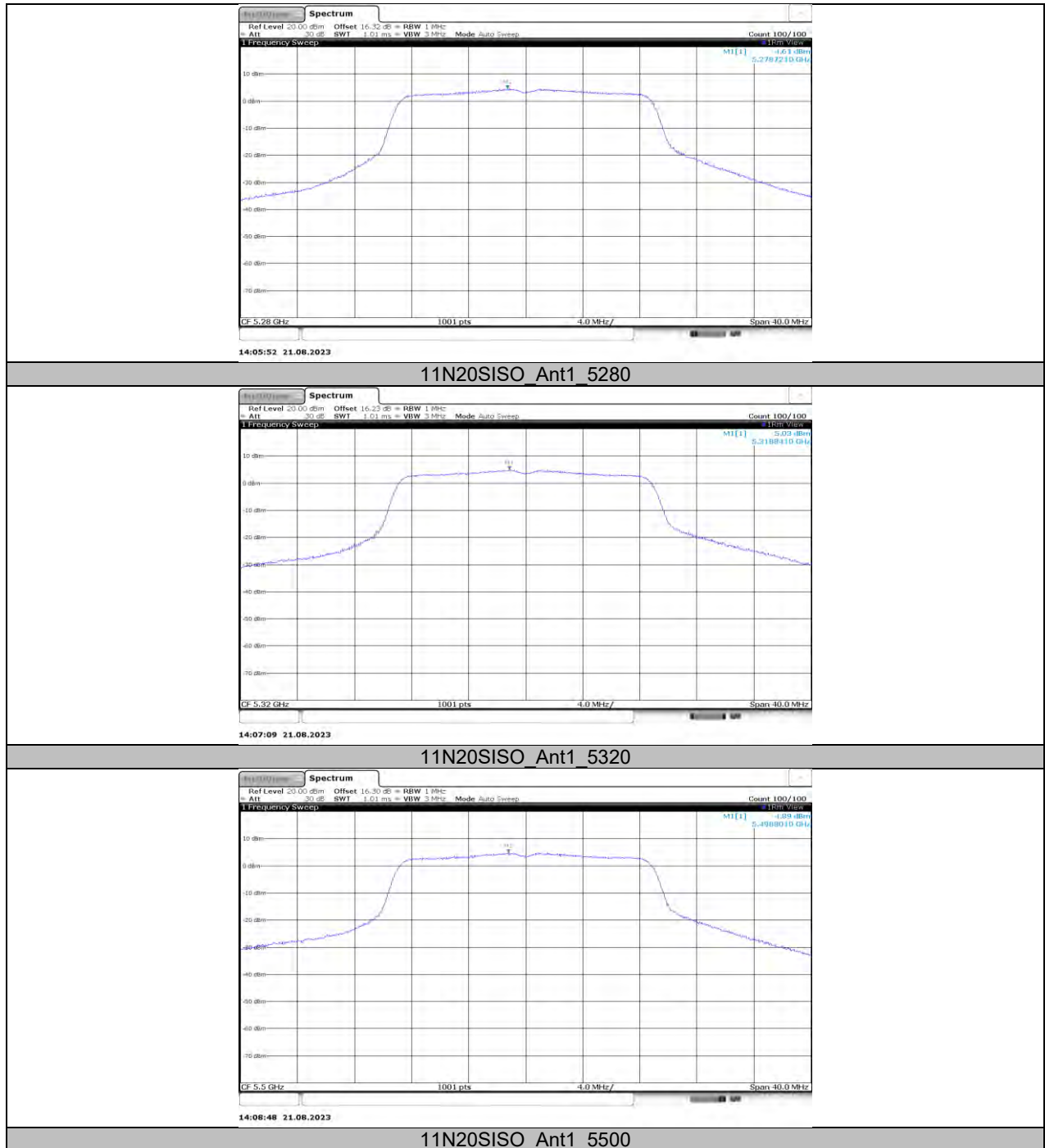


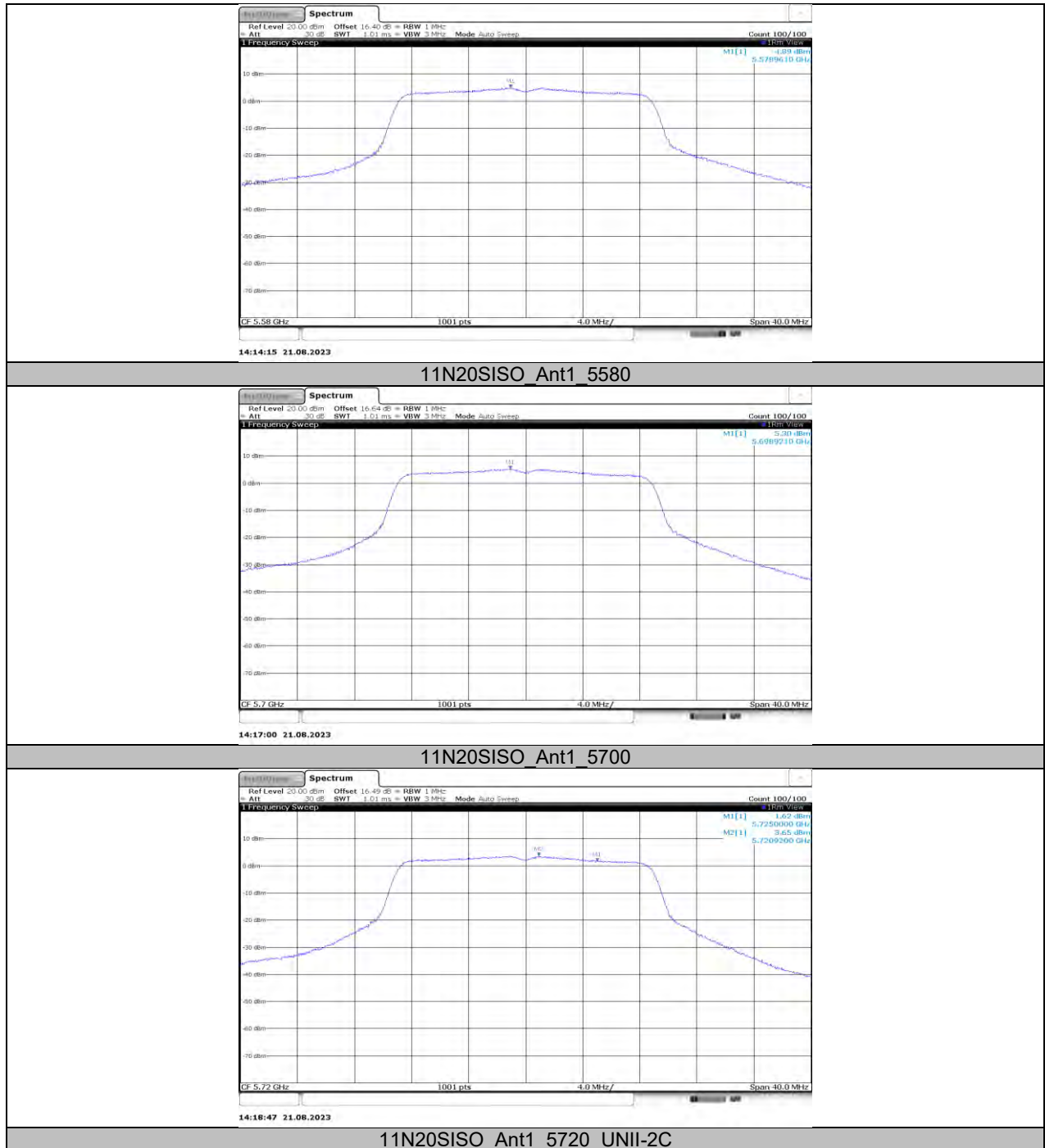
11A_Ant1_5825

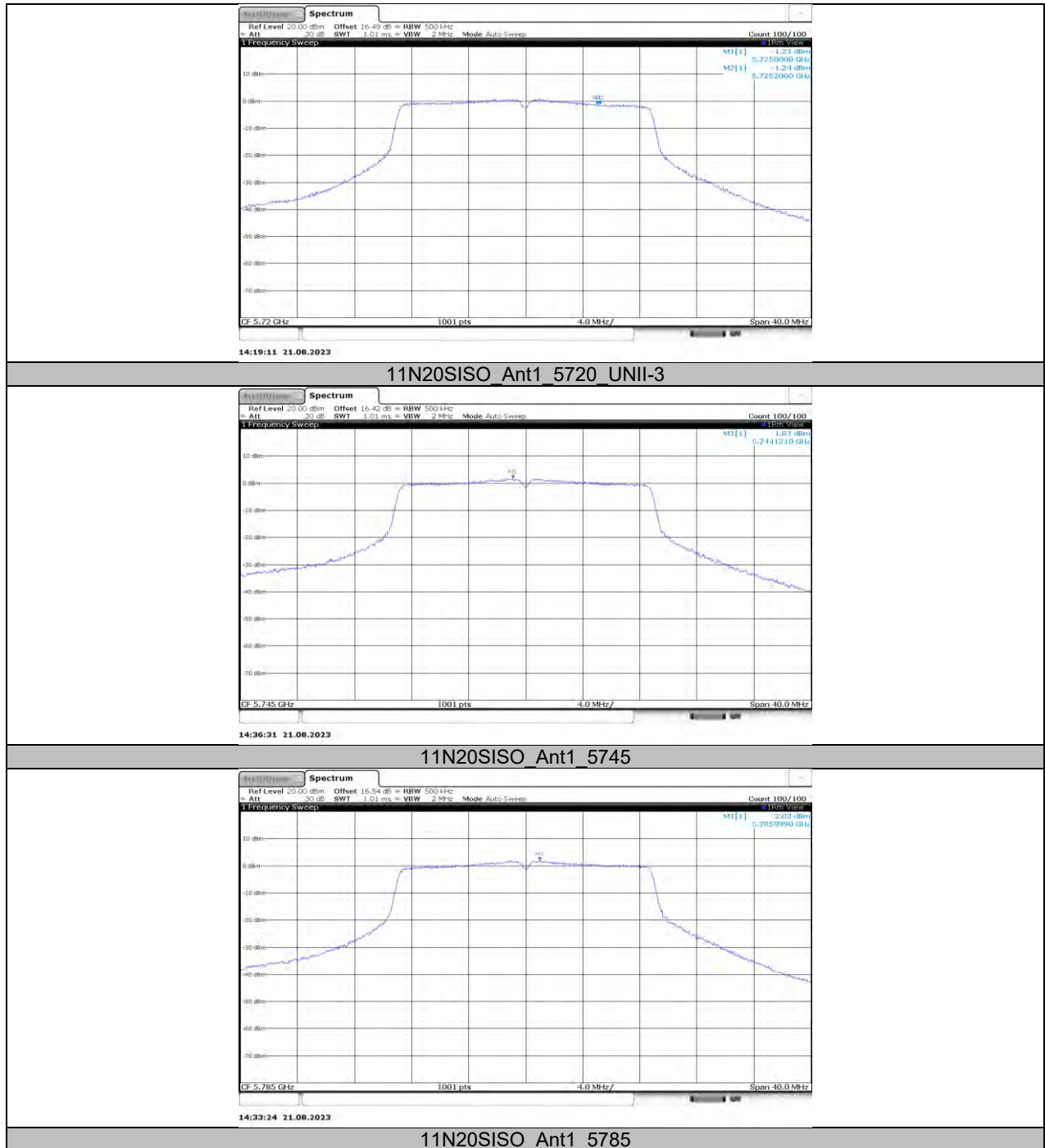


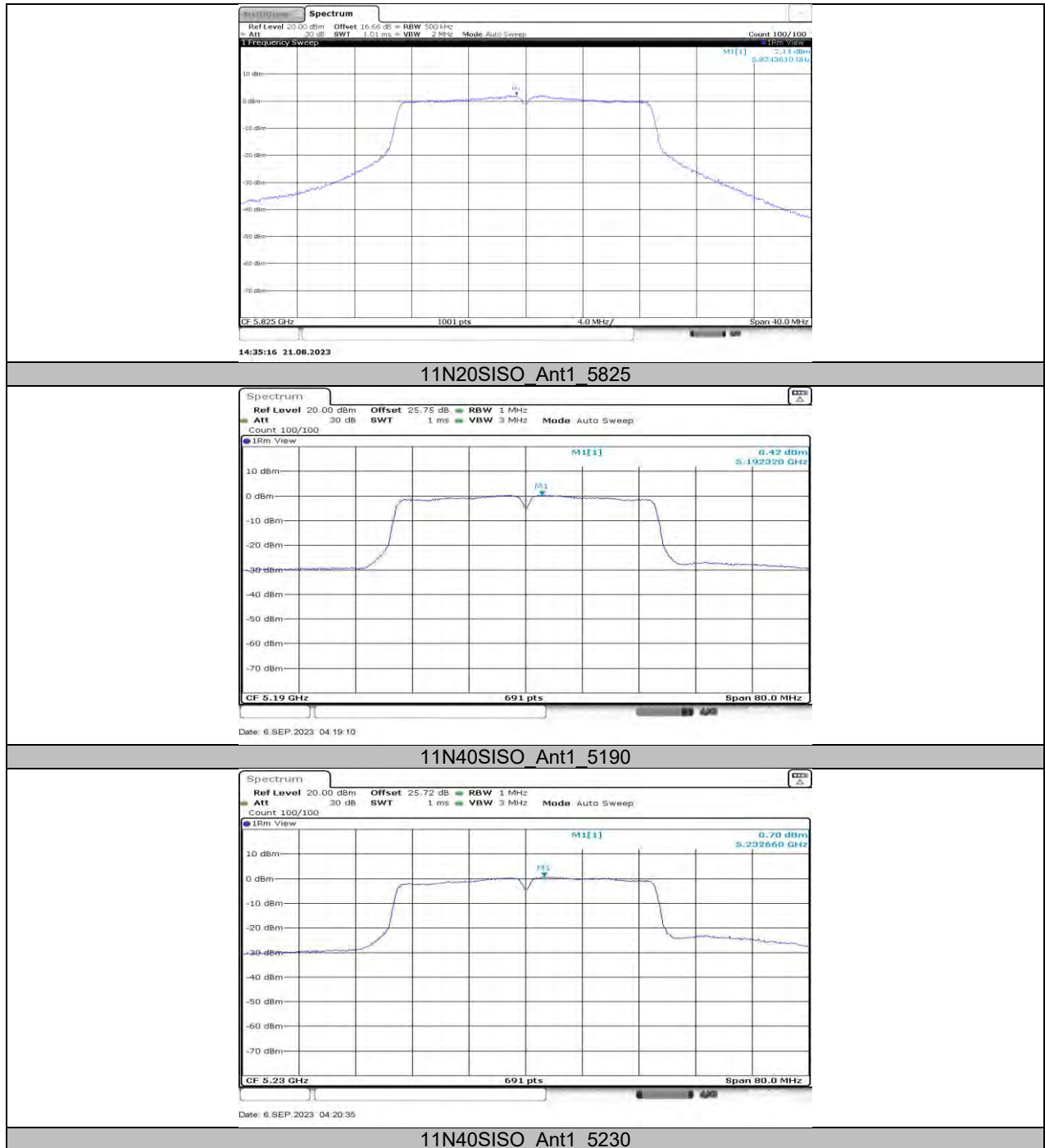
11N20SISO_Ant1_5180

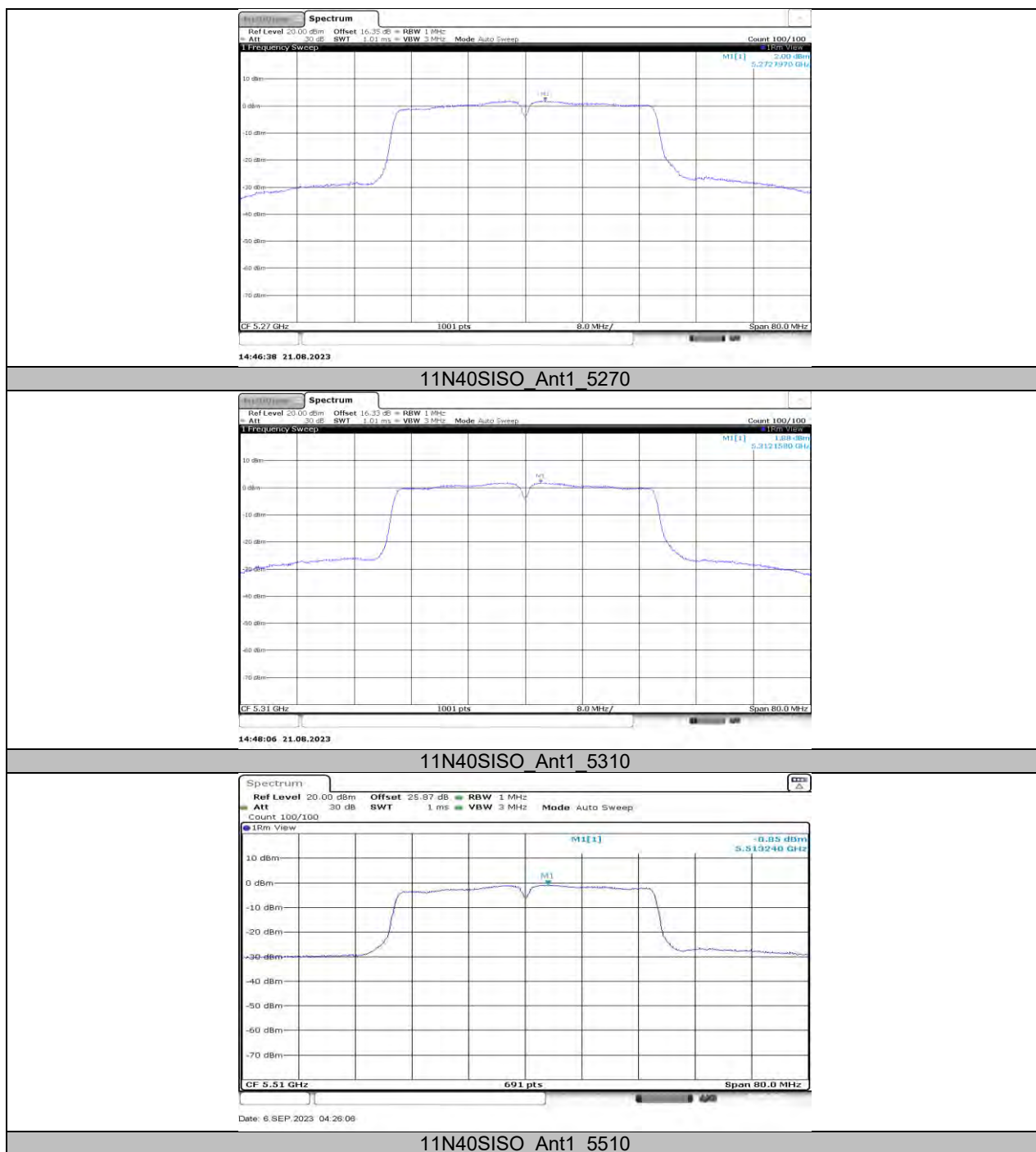


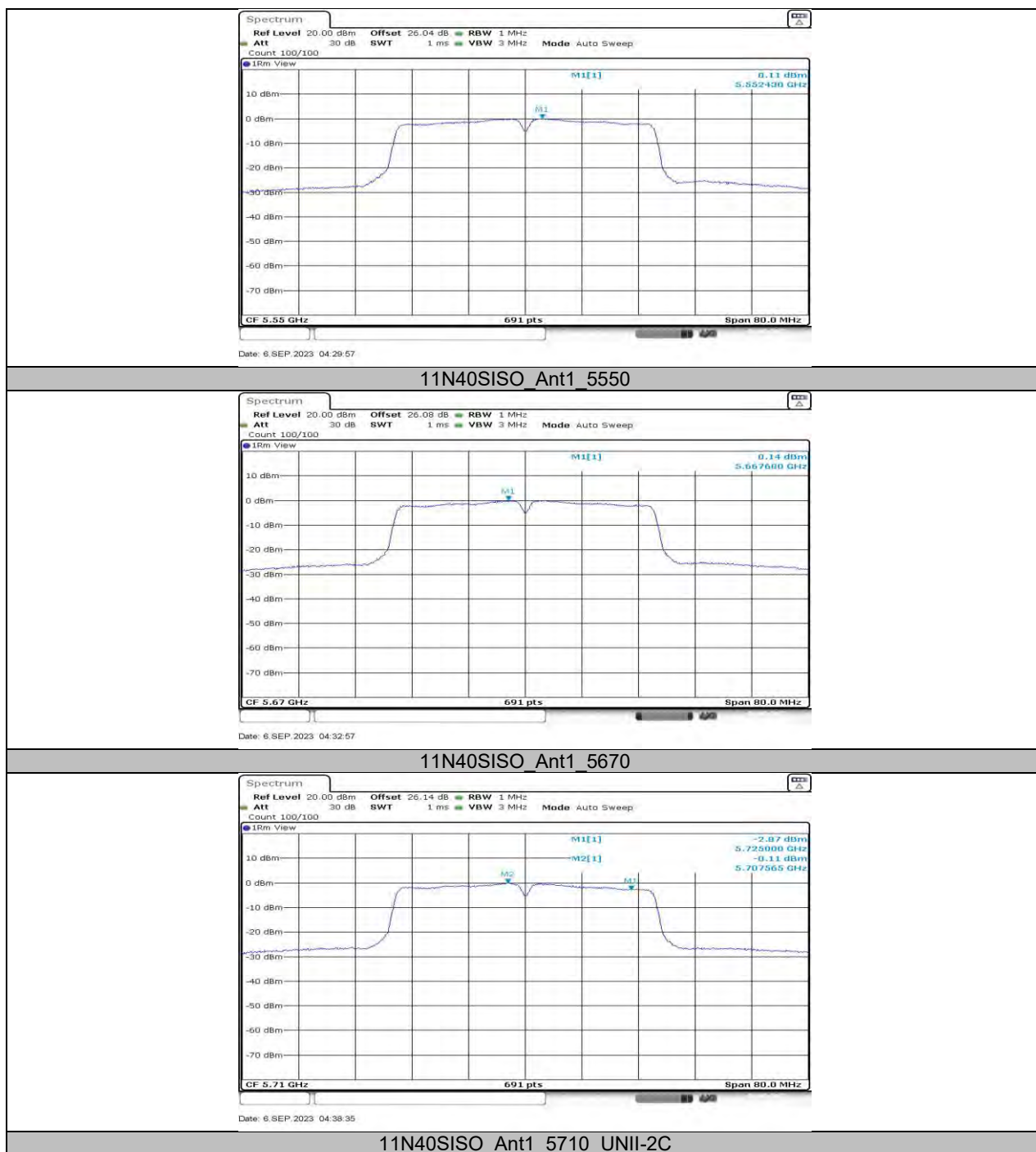


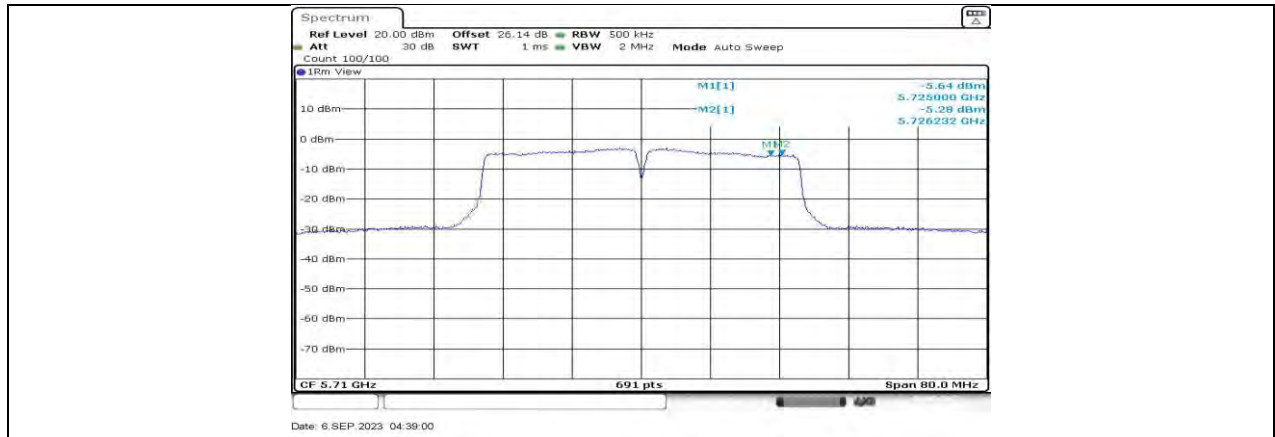




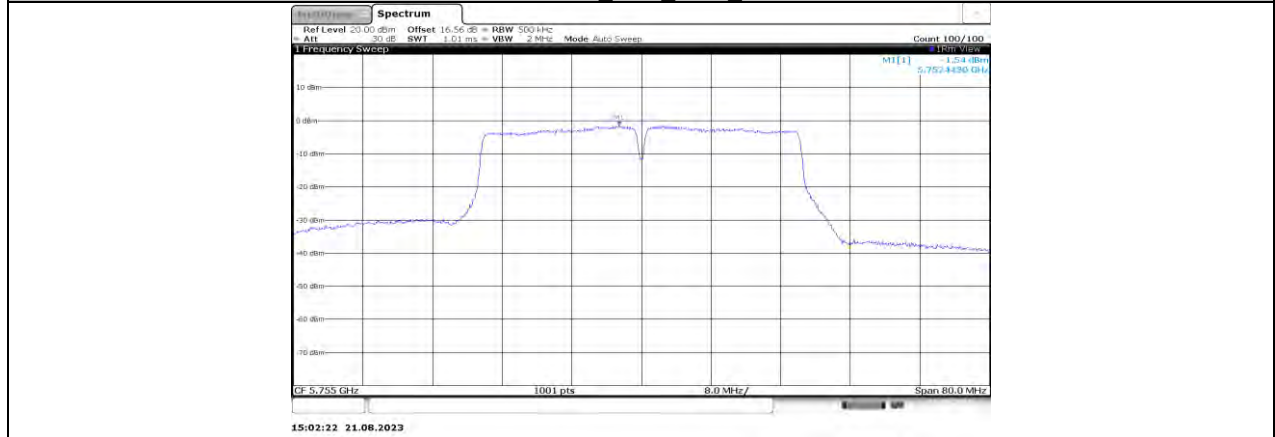




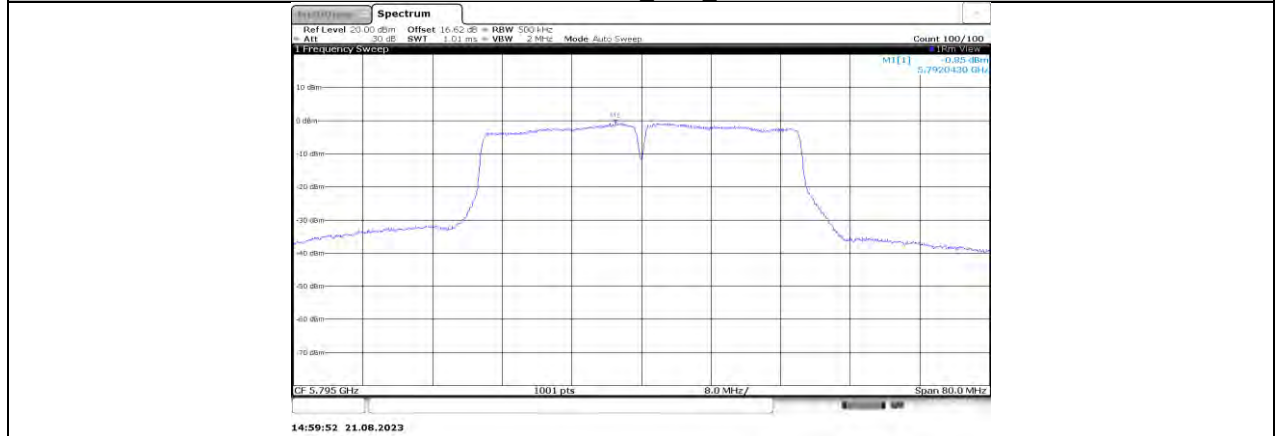




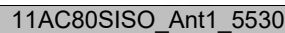
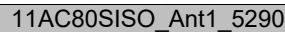
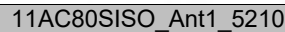
11N40SISO_Ant1_5710_UNII-3

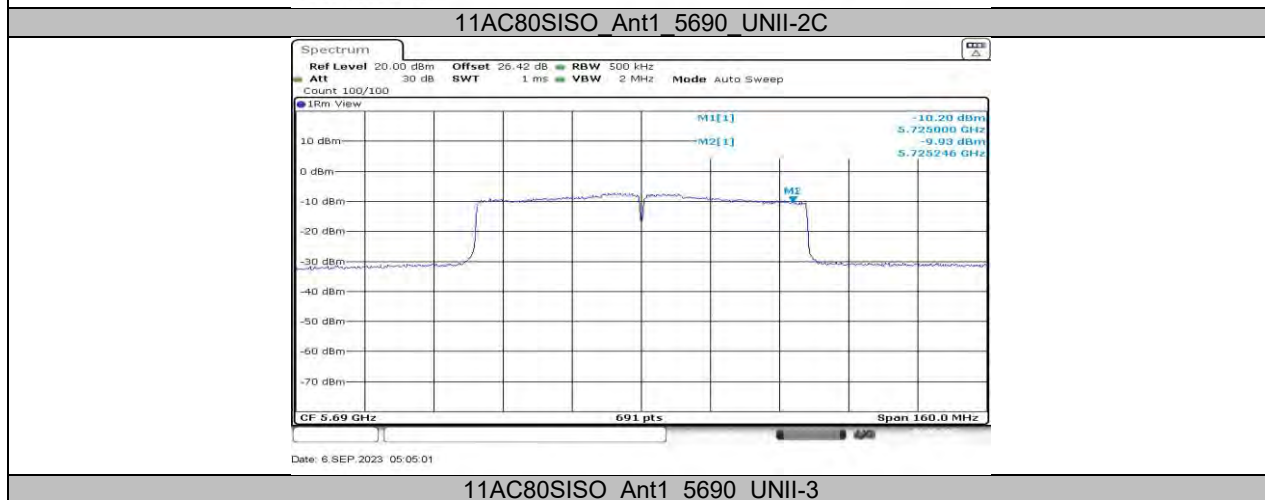
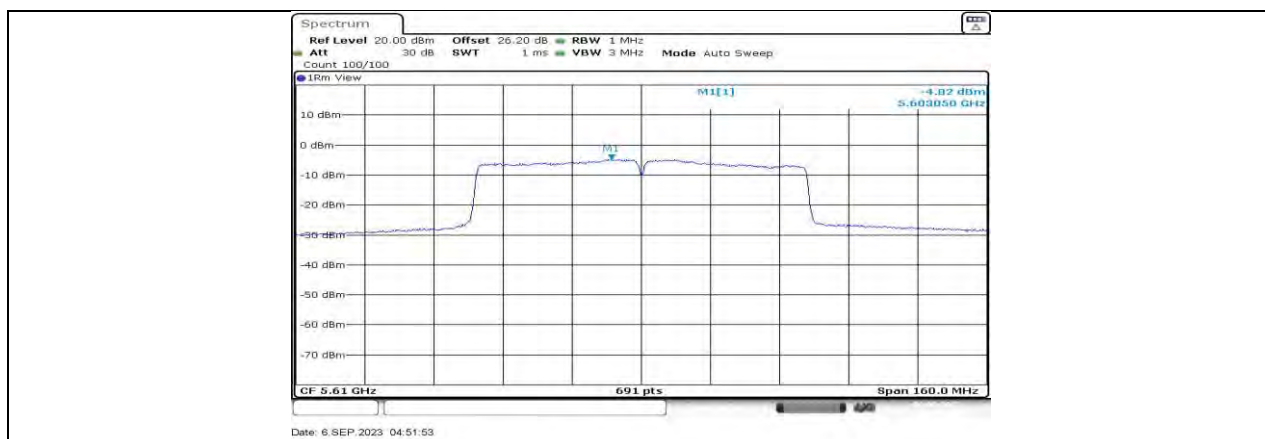


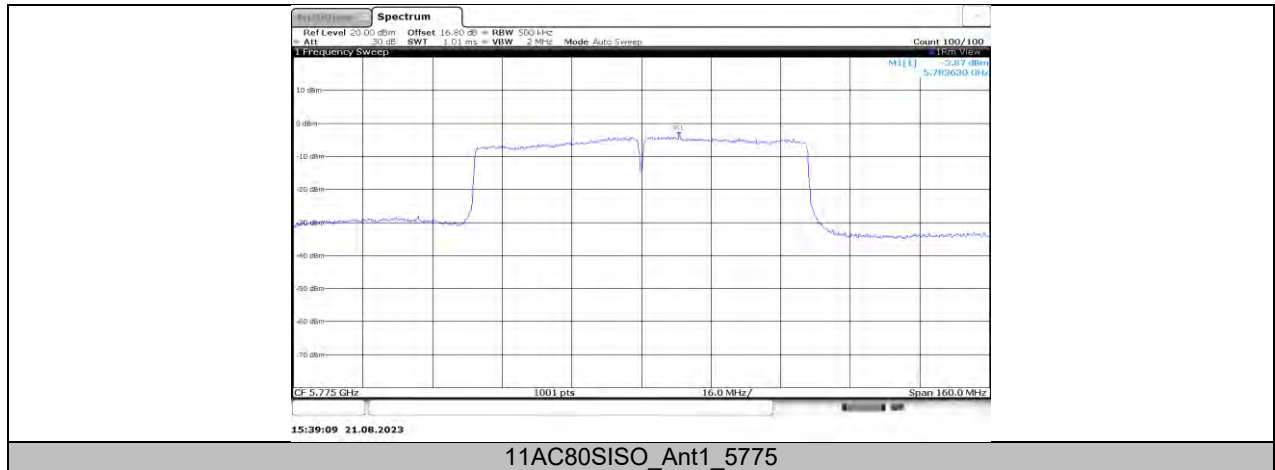
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795







11.6. APPENDIX G: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a: 5180 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5179.9906	-1.82	5180.0228	4.40	5179.9755	-4.74	5179.9982	-0.35
TN	VN	5179.9837	-3.15	5180.0173	3.33	5180.0133	2.57	5180.0055	1.06
TN	VH	5180.0229	4.41	5179.9751	-4.81	5179.9866	-2.59	5180.0145	2.80
Frequency Error vs. Temperature									
802.11a: 5180 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
50	VN	5180.0142	2.75	5180.0197	3.81	5180.0008	0.15	5180.0093	1.79
40	VN	5180.0200	3.86	5179.9949	-0.99	5179.9994	-0.11	5179.9942	-1.12
30	VN	5180.0239	4.61	5179.9771	-4.43	5179.9889	-2.15	5180.0068	1.32
20	VN	5179.9777	-4.30	5180.0242	4.68	5180.0126	2.43	5180.0075	1.45
10	VN	5179.9891	-2.11	5179.9941	-1.14	5179.9991	-0.16	5179.9821	-3.46
0	VN	5179.9760	-4.64	5180.0234	4.51	5180.0071	1.38	5179.9938	-1.20

Note:

1. All modes and channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

Frequency Error vs. Voltage									
802.11a: 5825 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5824.9947	-0.90	5824.9839	-2.76	5824.9978	-0.37	5825.0167	2.87
TN	VN	5825.0112	1.92	5825.0232	3.99	5825.0143	2.45	5824.9928	-1.24
TN	VH	5825.0238	4.09	5824.9763	-4.06	5824.9781	-3.76	5825.0085	1.45
Frequency Error vs. Temperature									
802.11a: 5825 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5824.9898	-1.75	5824.9862	-2.37	5825.0246	4.22	5825.0106	1.83
30	VN	5825.0084	1.44	5824.9826	-2.99	5825.0230	3.94	5825.0193	3.31
20	VN	5825.0248	4.25	5824.9880	-2.06	5825.0211	3.61	5825.0244	4.19
10	VN	5825.0012	0.21	5825.0044	0.76	5825.0059	1.02	5825.0026	0.44
0	VN	5824.9952	-0.83	5825.0093	1.59	5824.9888	-1.91	5824.9863	-2.36

Note:

1. All modes and channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.7. APPENDIX H: DUTY CYCLE

11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	2.01	2.05	0.9805	98.05	0.09	0.50	0.01
11N20SISO	1.87	1.91	0.9791	97.91	0.09	0.53	1
11N40SISO	0.92	0.95	0.9684	96.84	0.14	1.09	2
11AC80SISO	0.45	0.49	0.9184	91.84	0.37	2.22	3

Note:

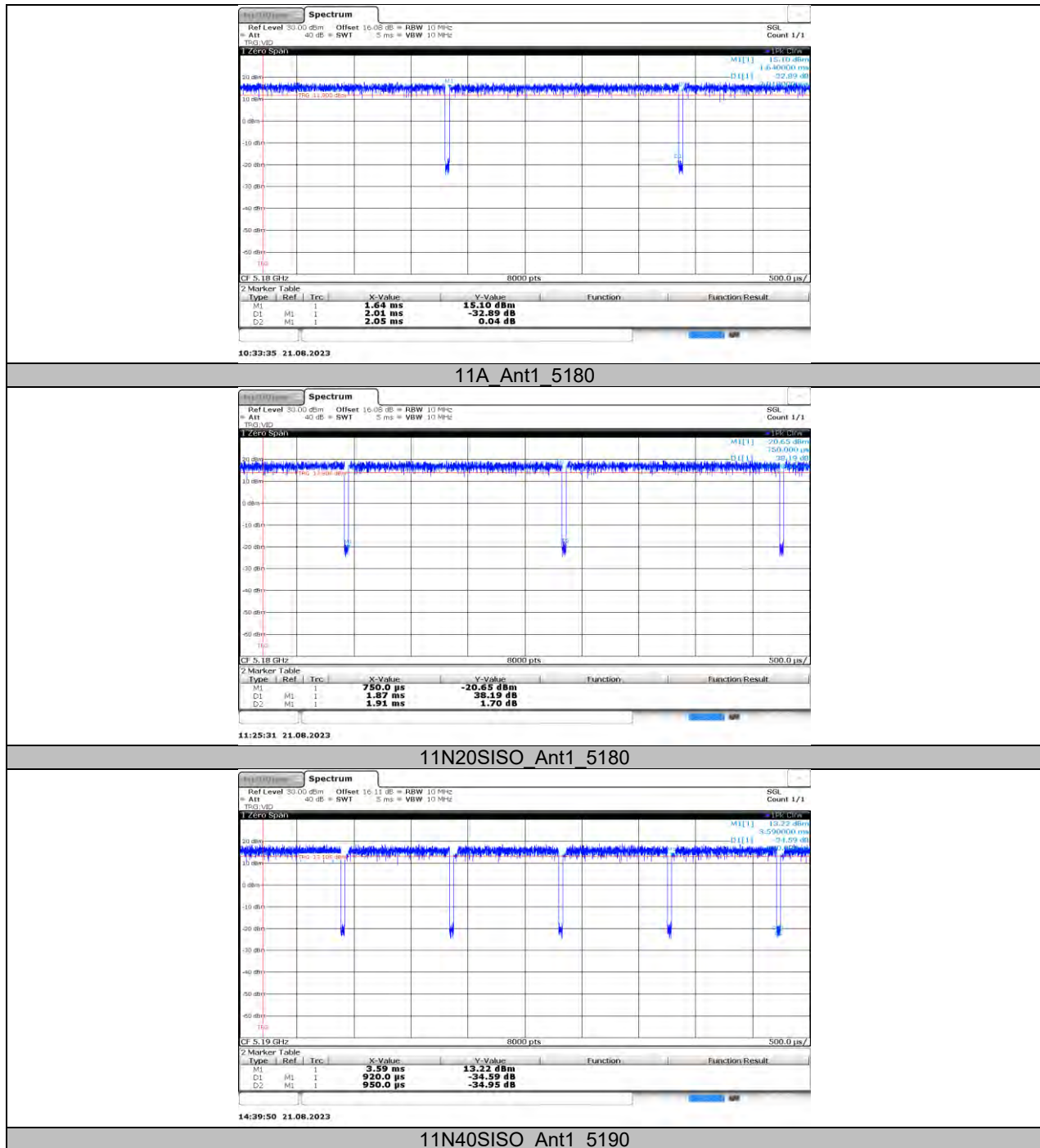
Duty Cycle Correction Factor= $10\log(1/x)$.

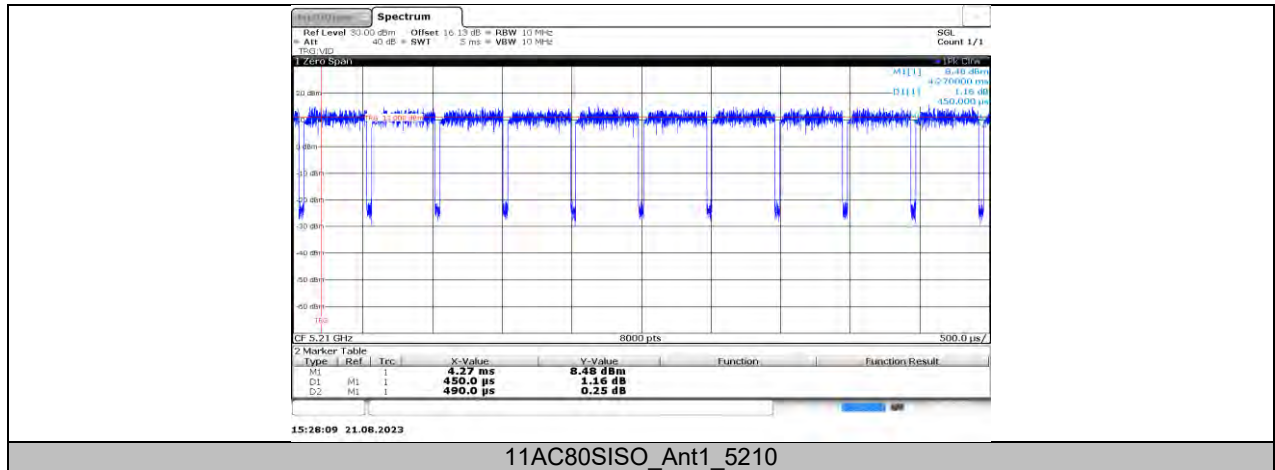
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs



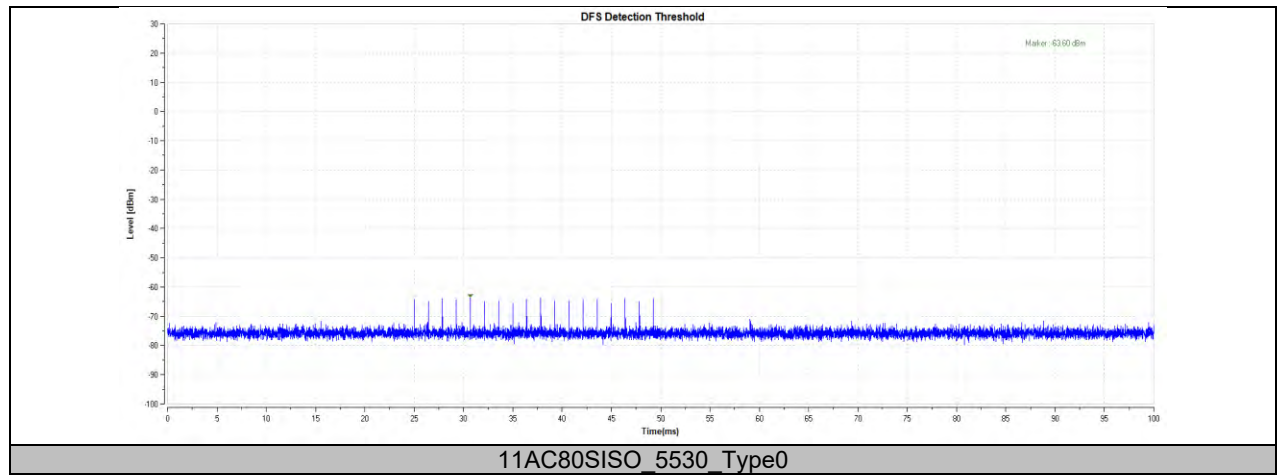


11.8. APPENDIX I: DFS DETECTION THRESHOLDS

11.8.1. Test Result

Test Mode	Frequency[MHz]	Radar Type	Result	Limit[dbm]	Verdict
11AC80SISO	5530	Type0	-63.60	-57.35	PASS

11.8.2. Test Graphs

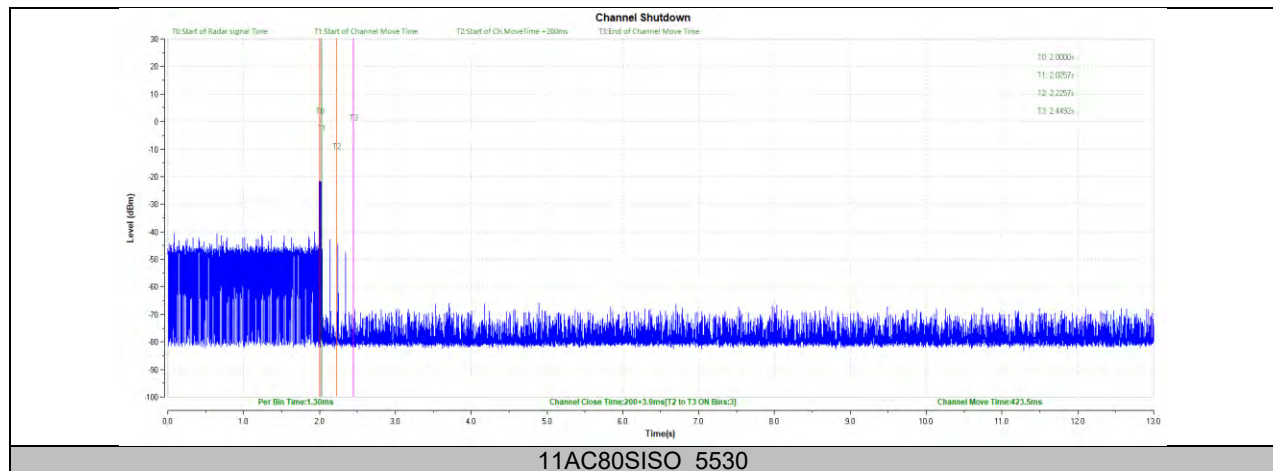


11.9. APPENDIX J: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

Test Mode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80SISO	5530	200+3.9	200+60	423.5	10000	PASS

11.9.2. Test Graphs

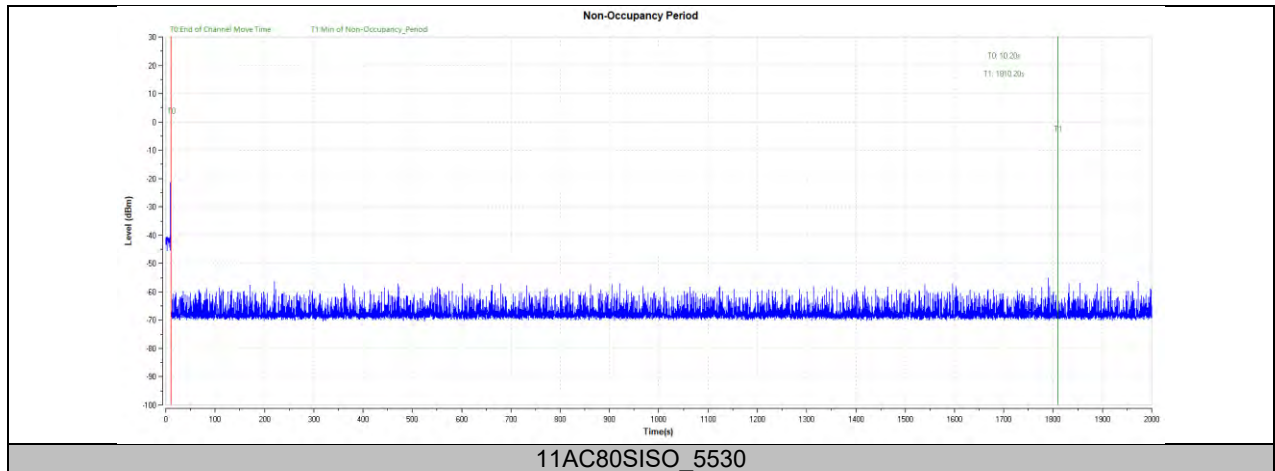


11.10. APPENDIX K: NON-OCCUPANCY PERIOD

11.10.1. Test Result

Test Mode	Channel	Result	Limit[s]	Verdict
11AC80SISO	5530	see test graph	≥ 1800	PASS

11.10.2. Test Graphs



END OF REPORT