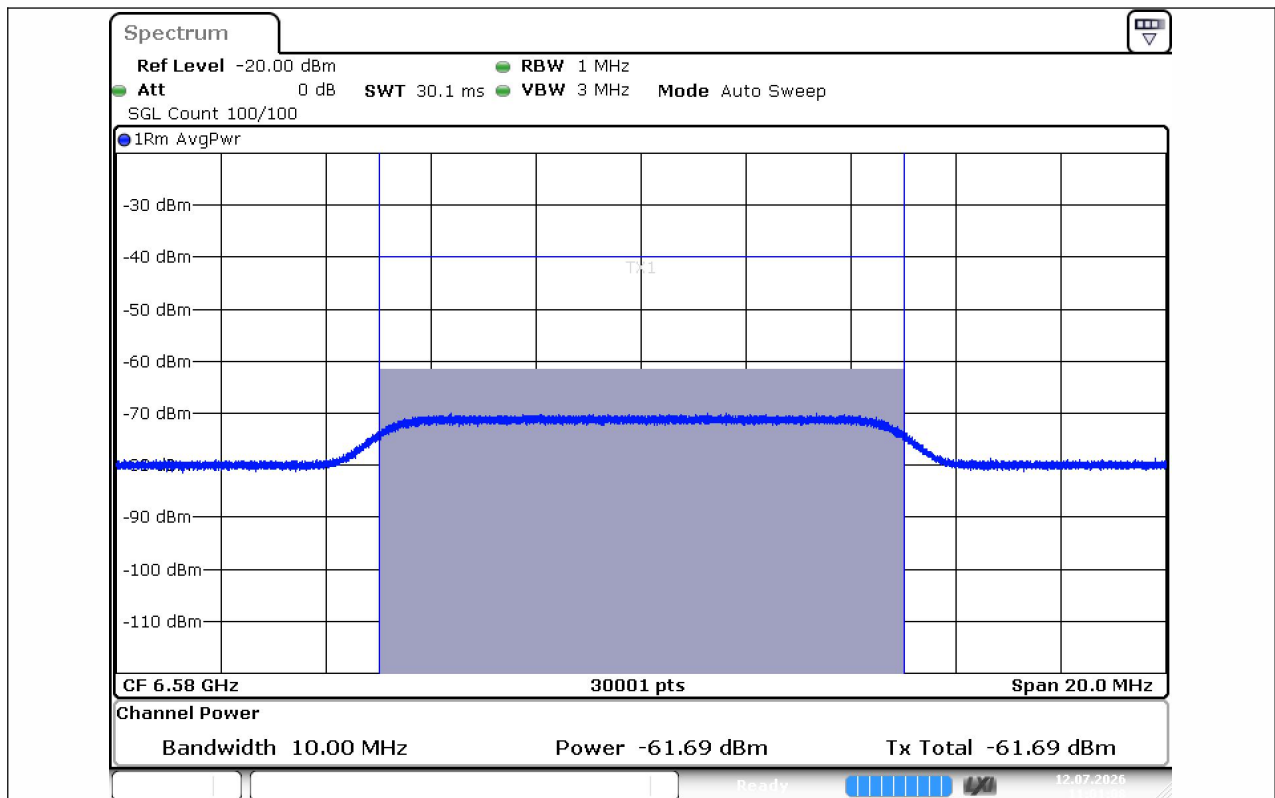
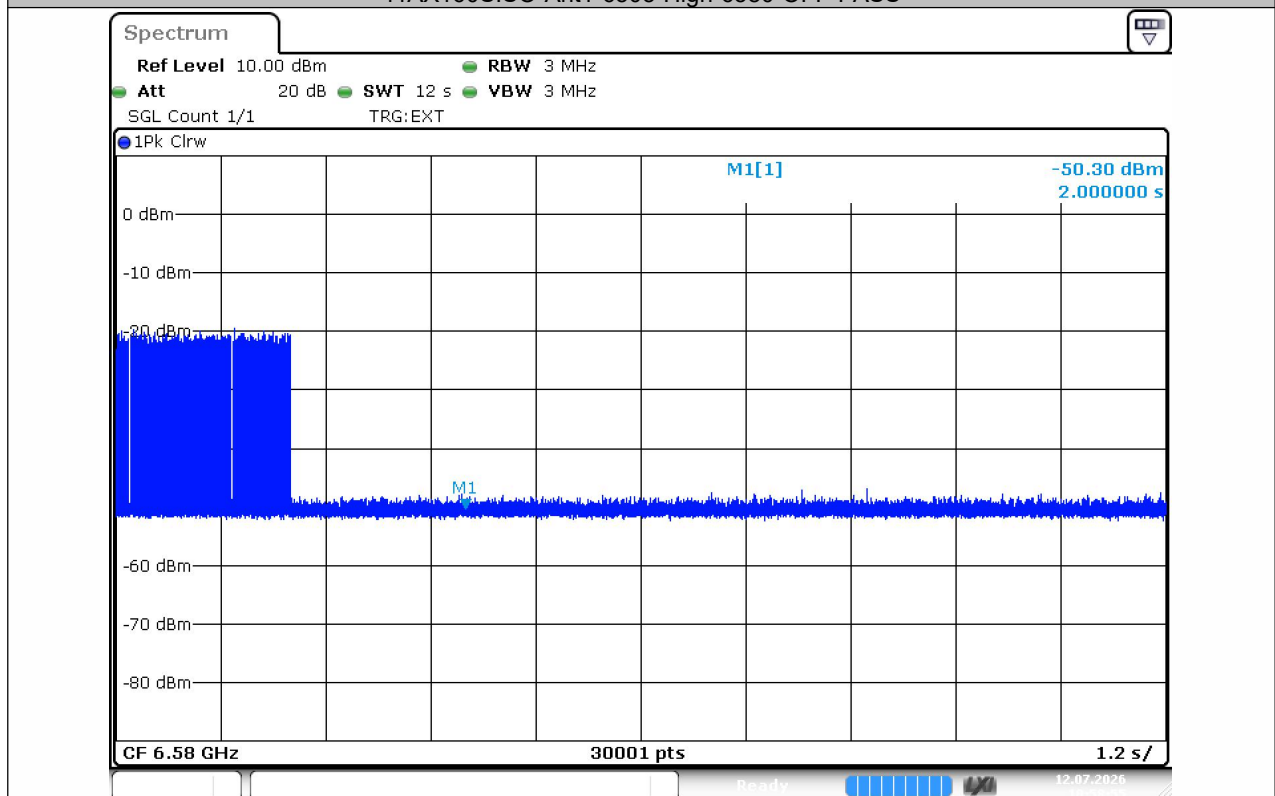


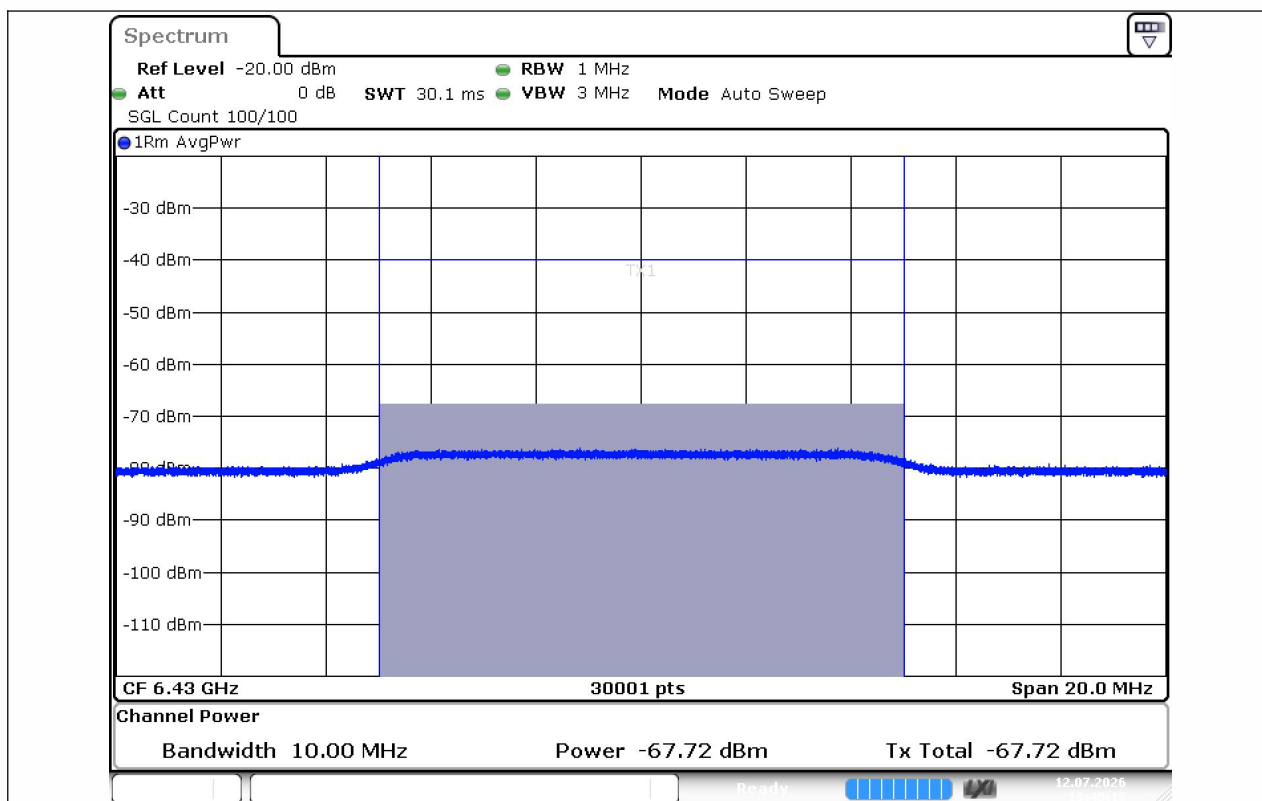


Date: 12.JUL.2026 11:01:08

11AX160SISO-Ant1-6505-High-6580-OFF-PASS

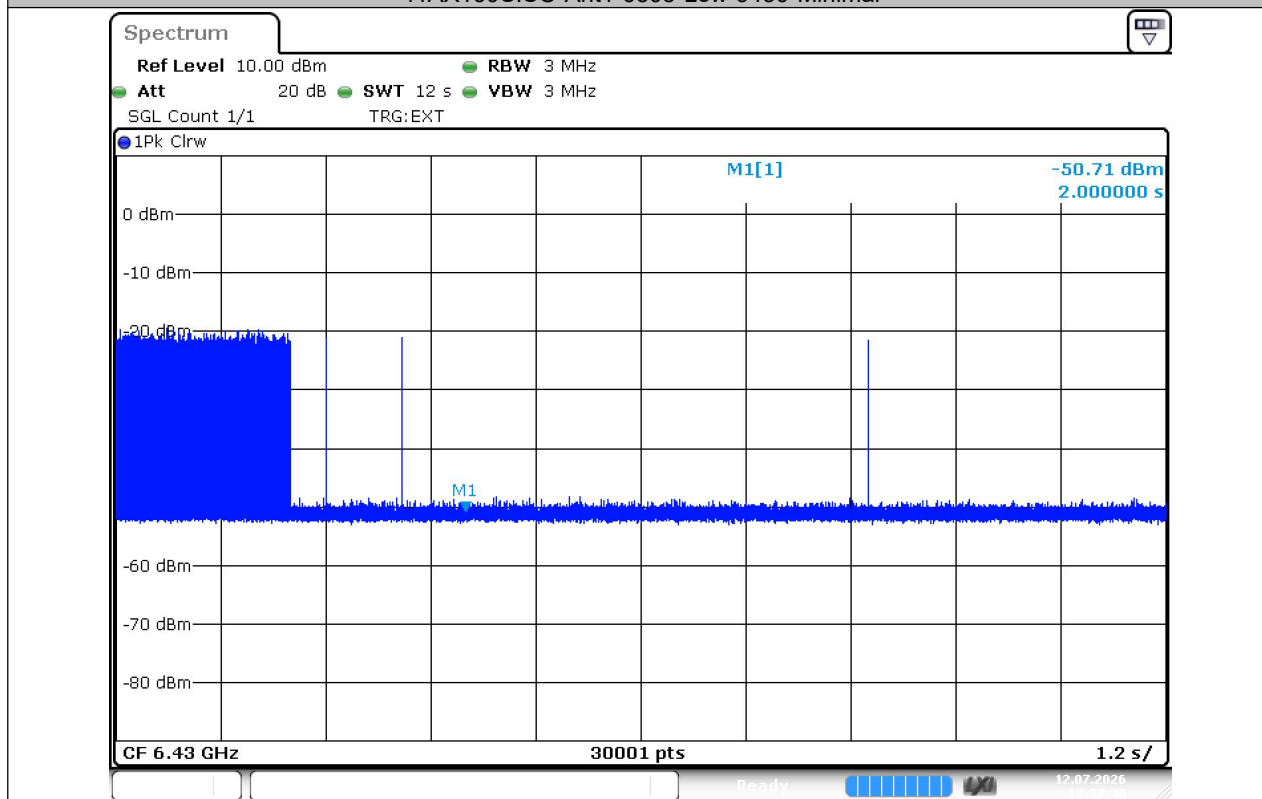


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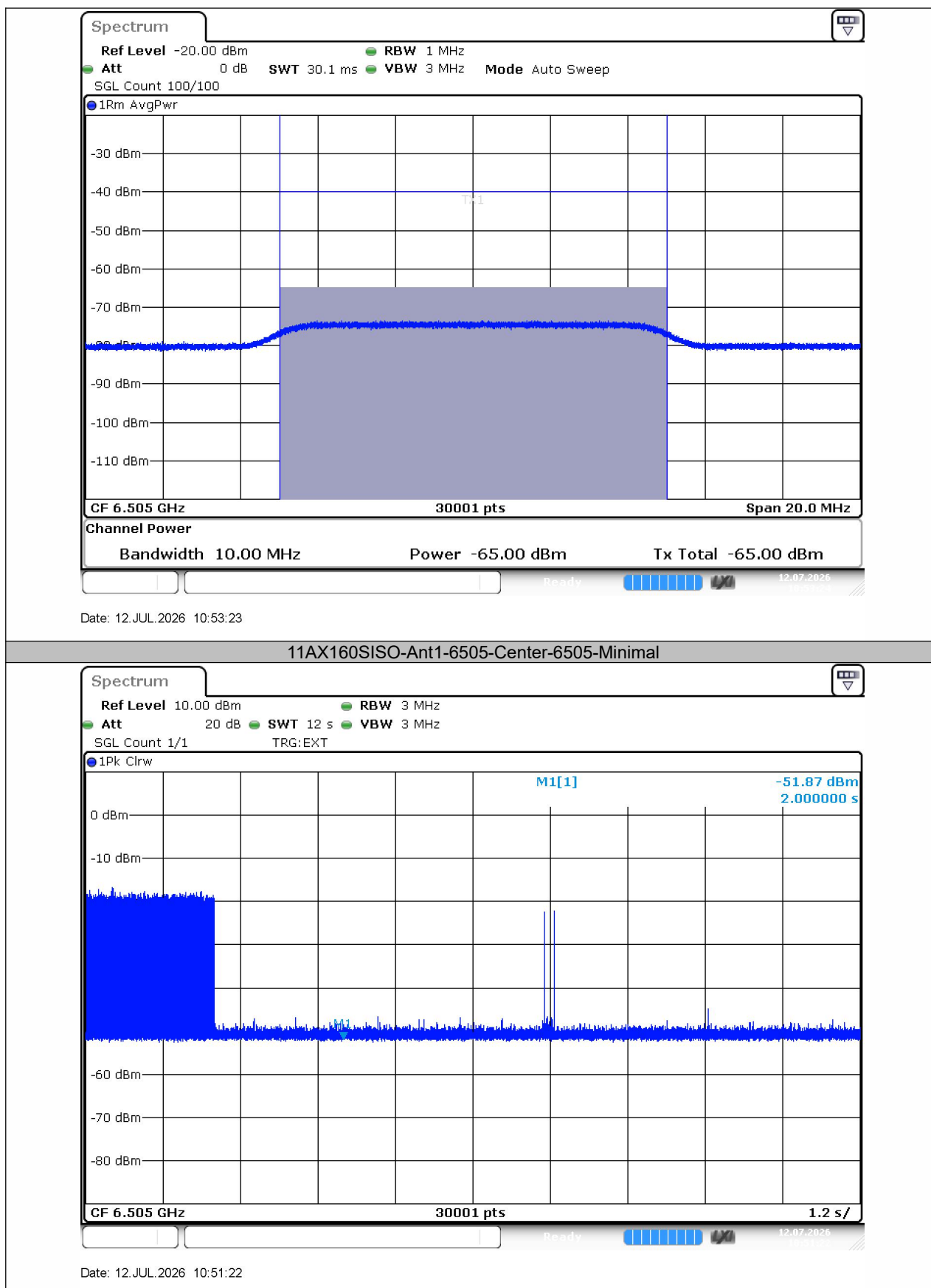


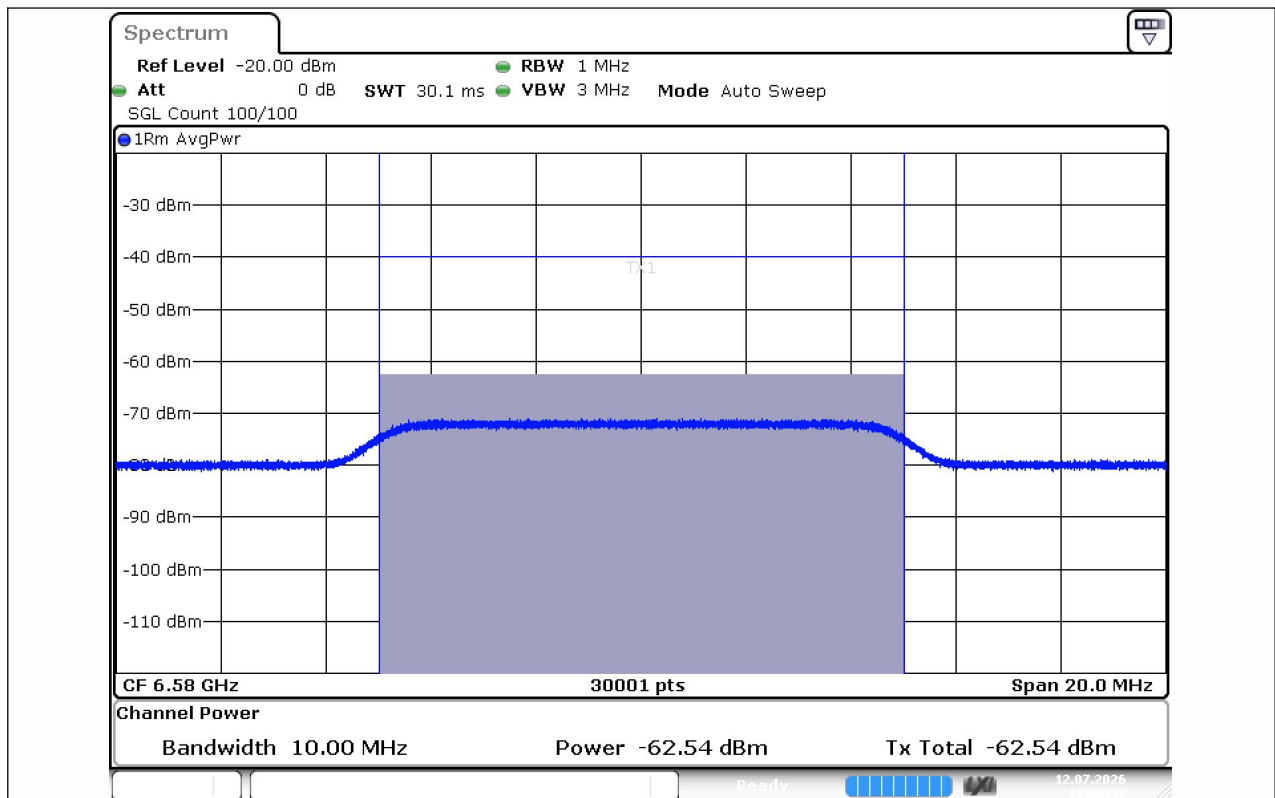
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11AX160SISO-Ant1-6505-Low-6430-Minimal



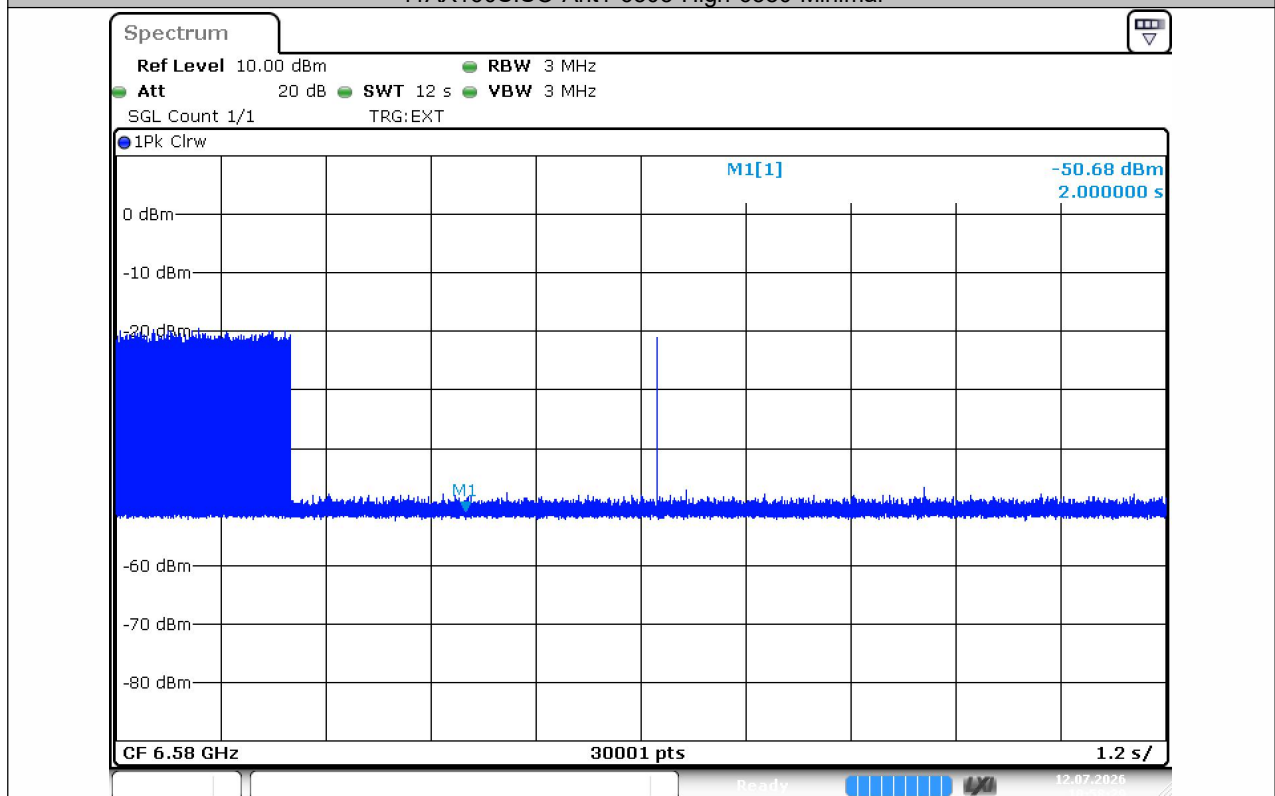
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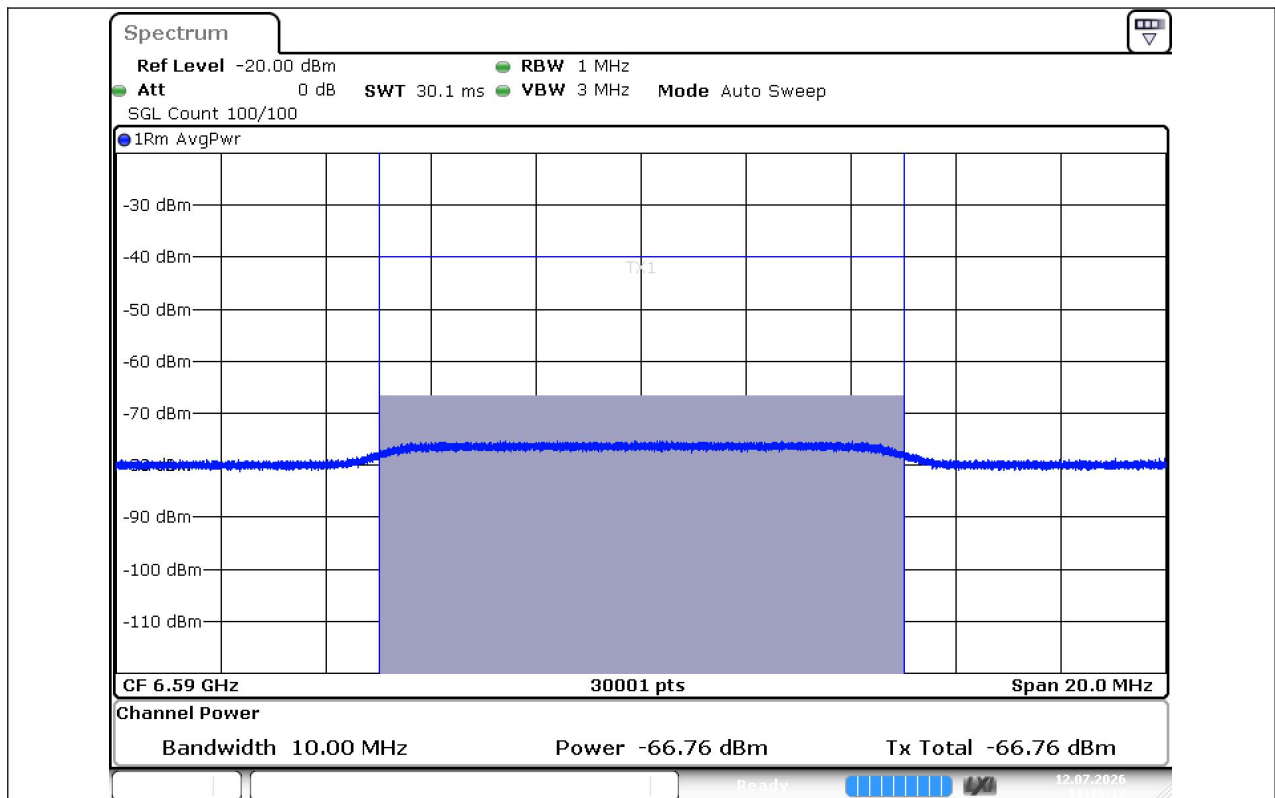


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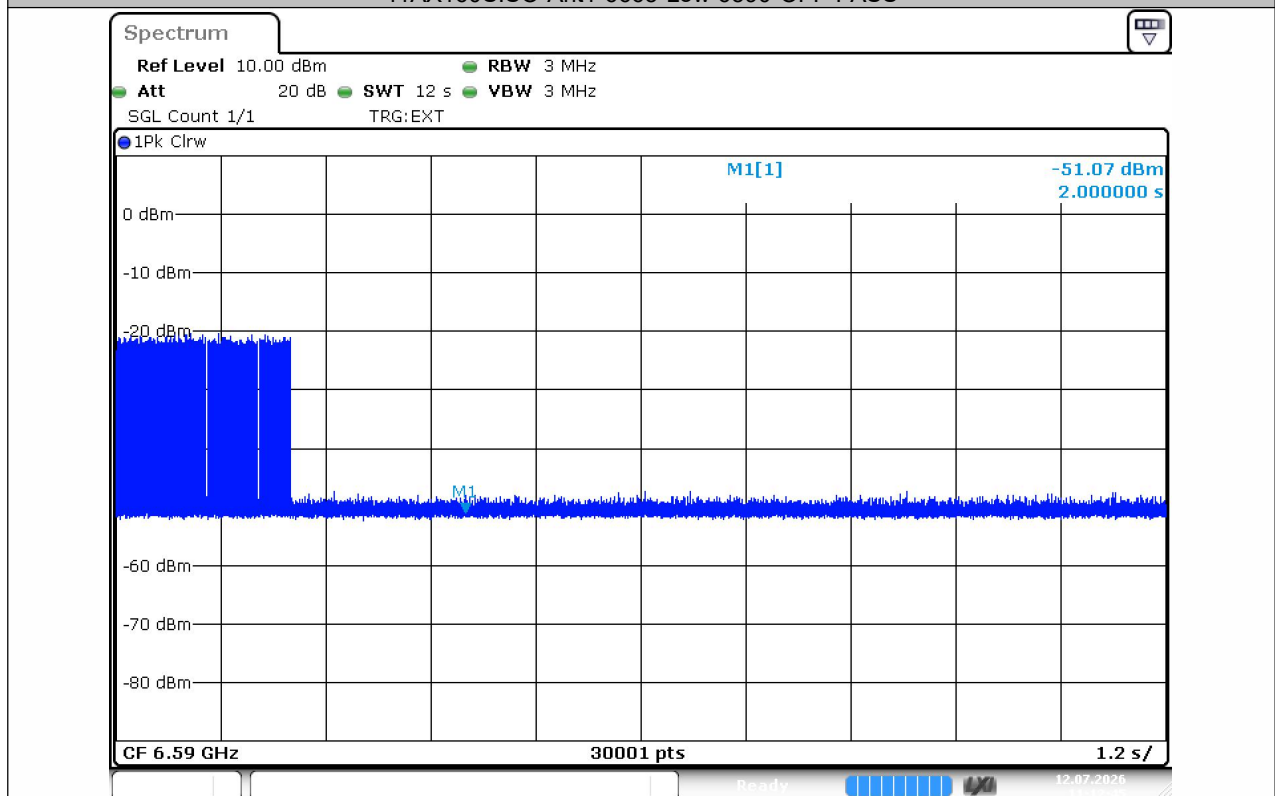


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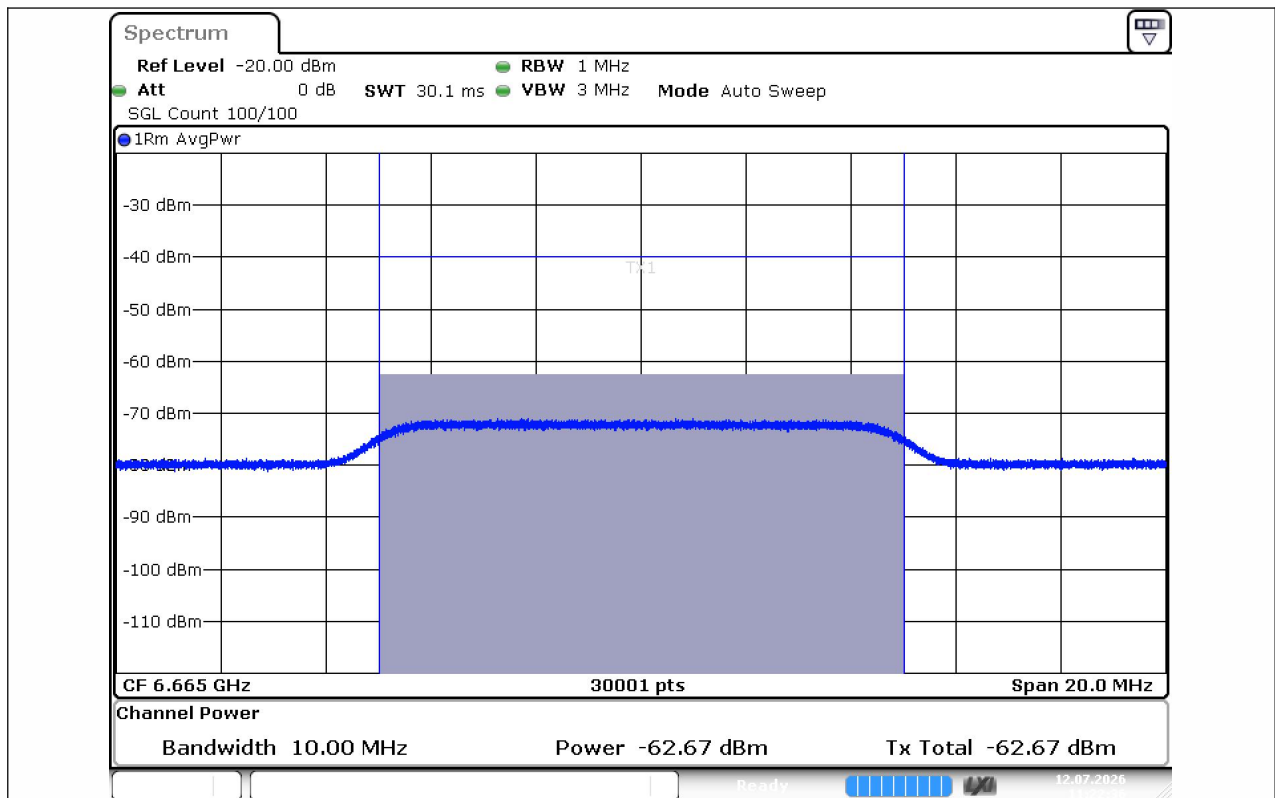


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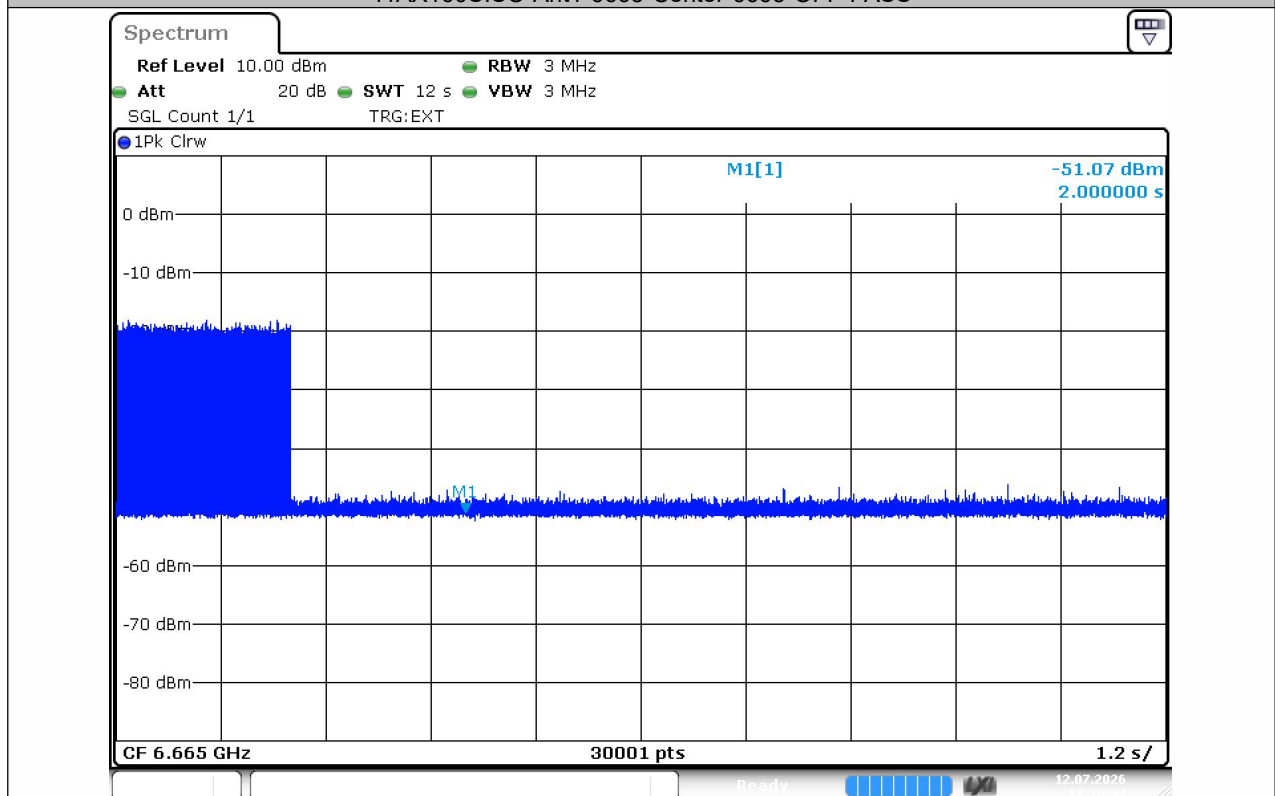


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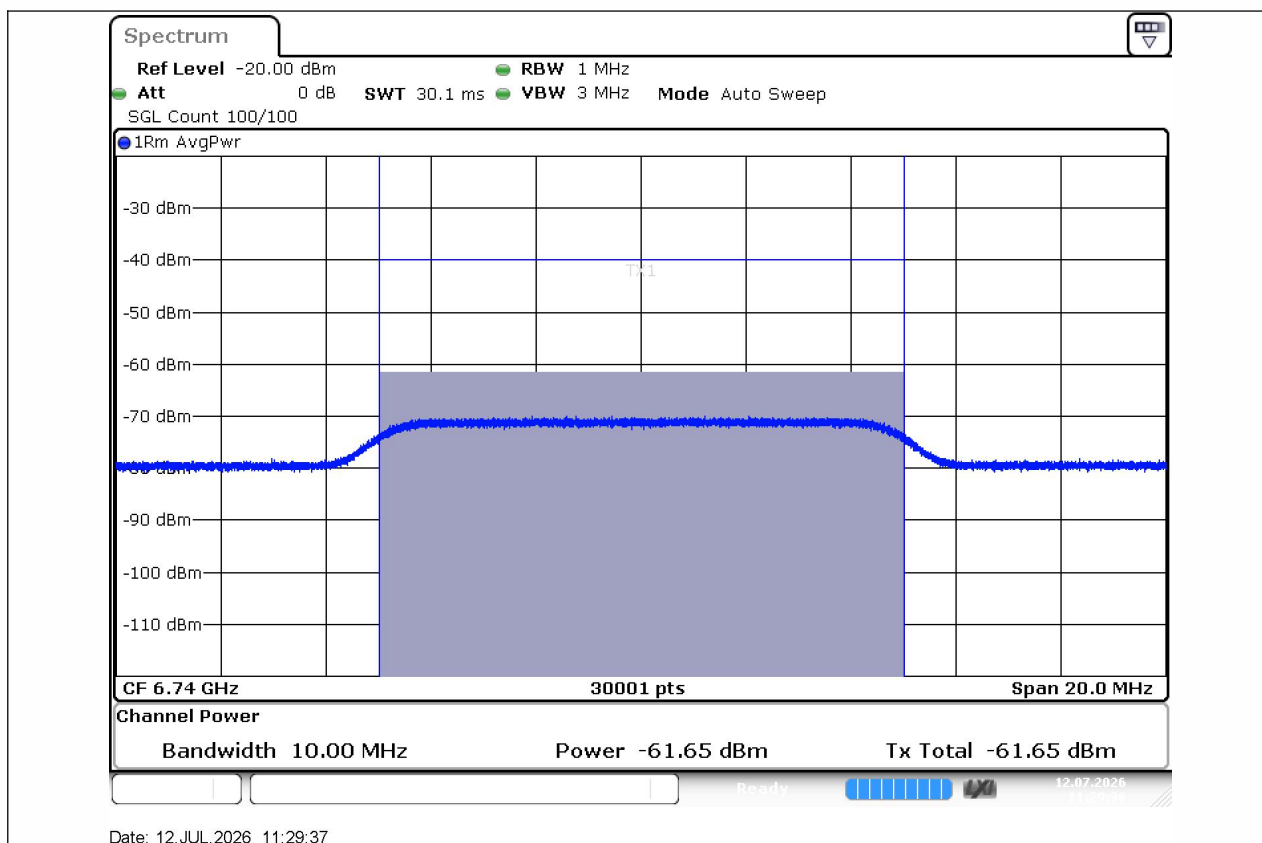


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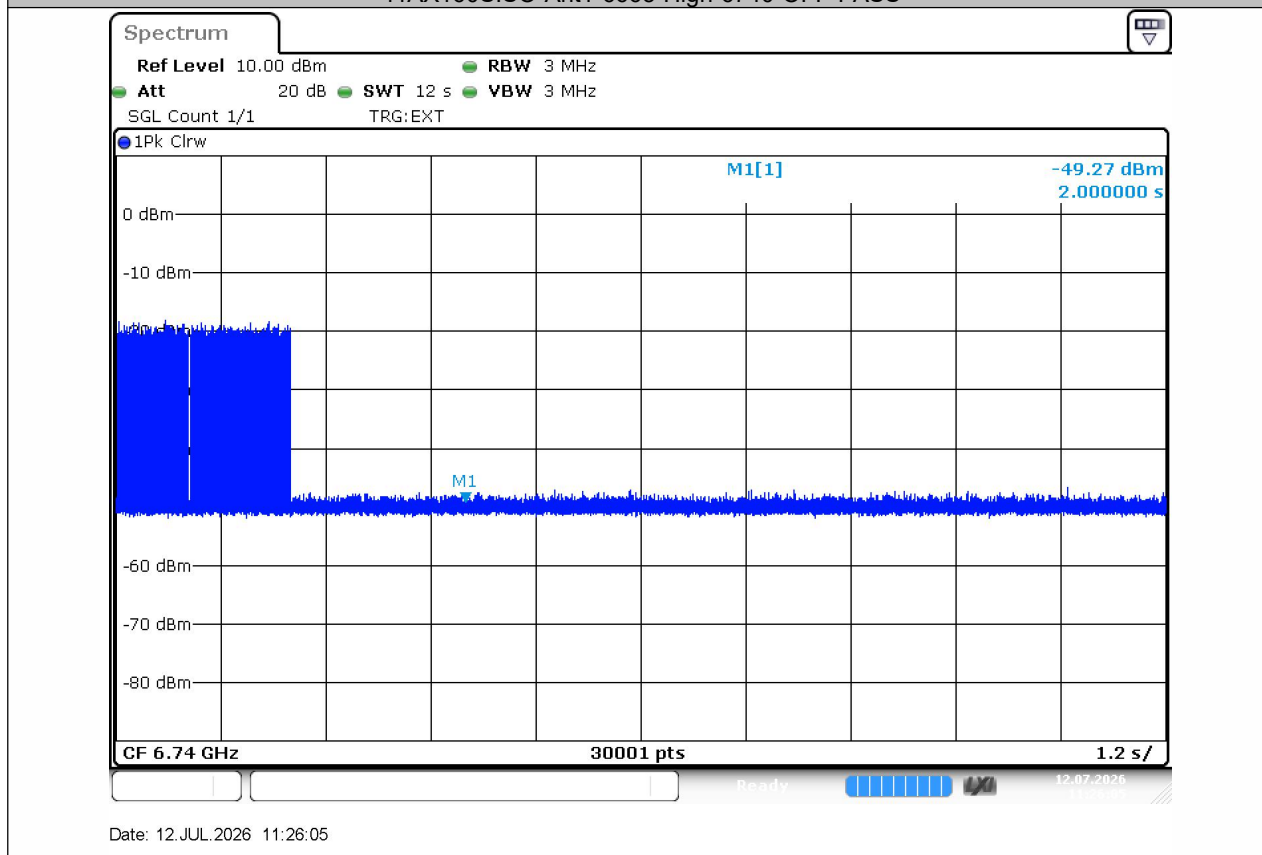
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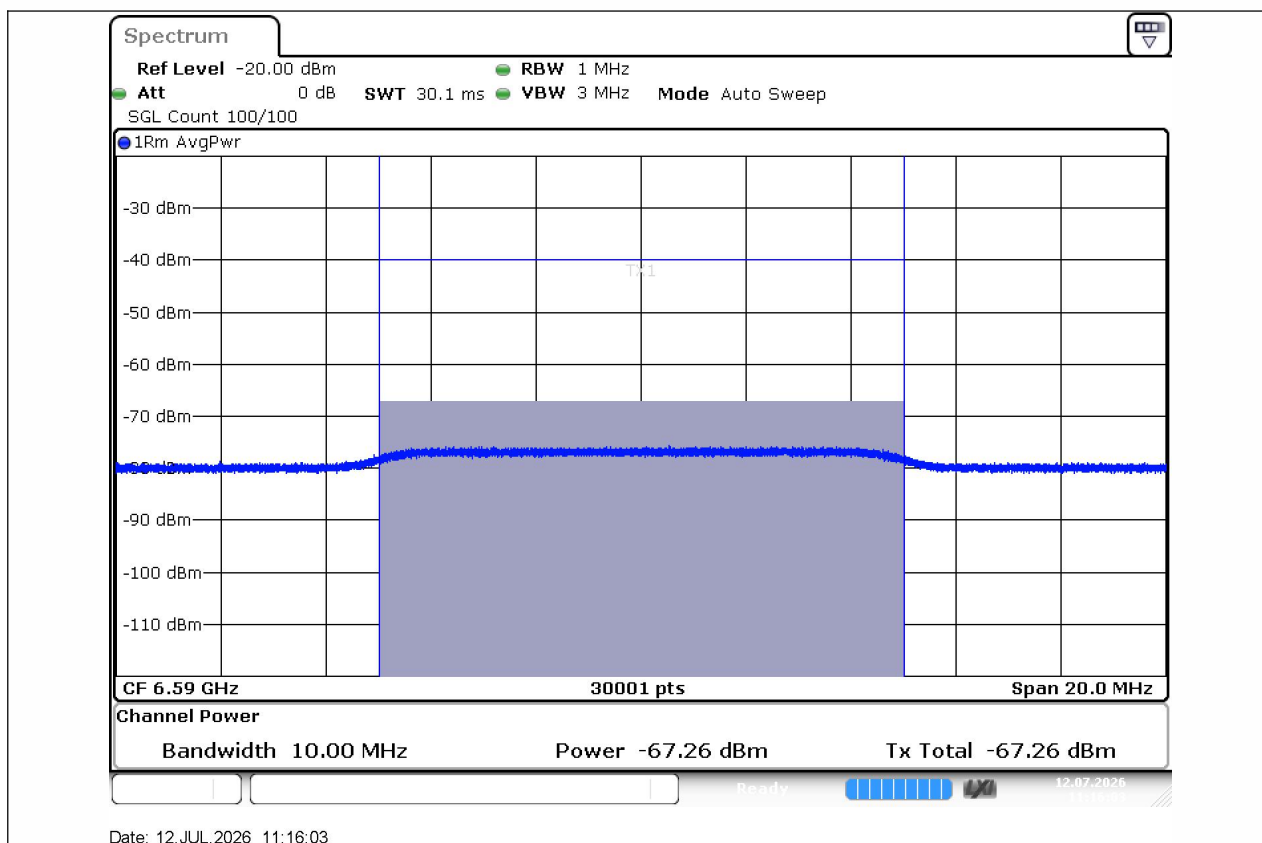


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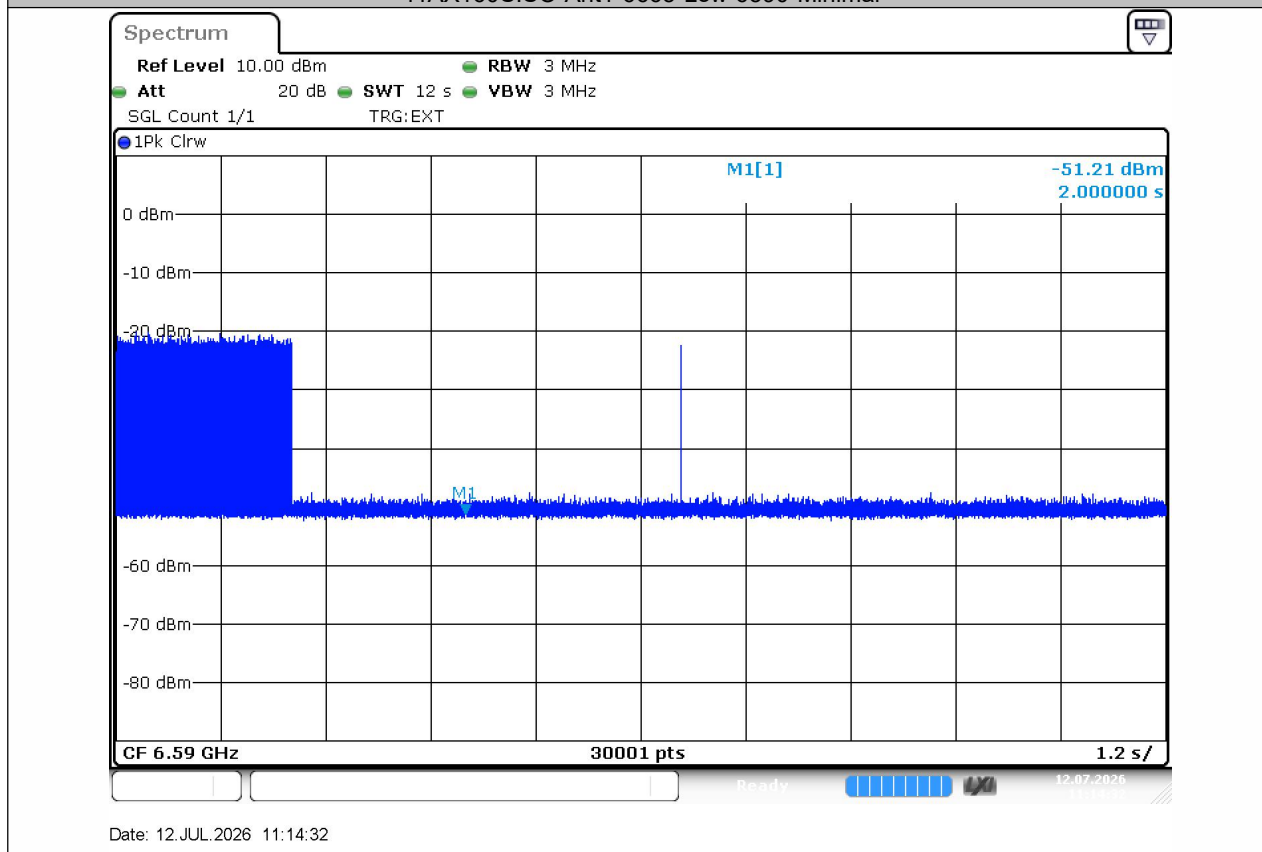


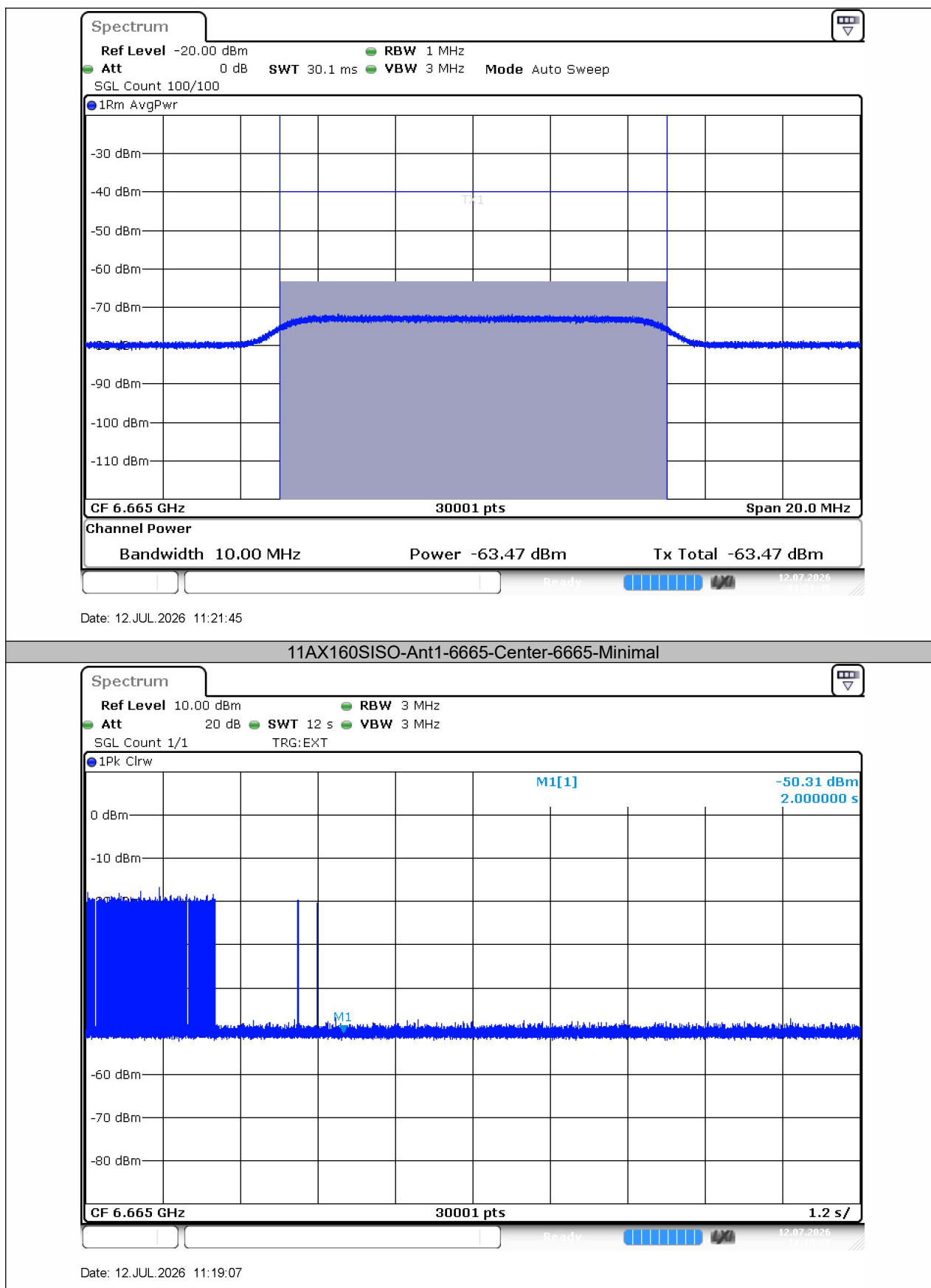
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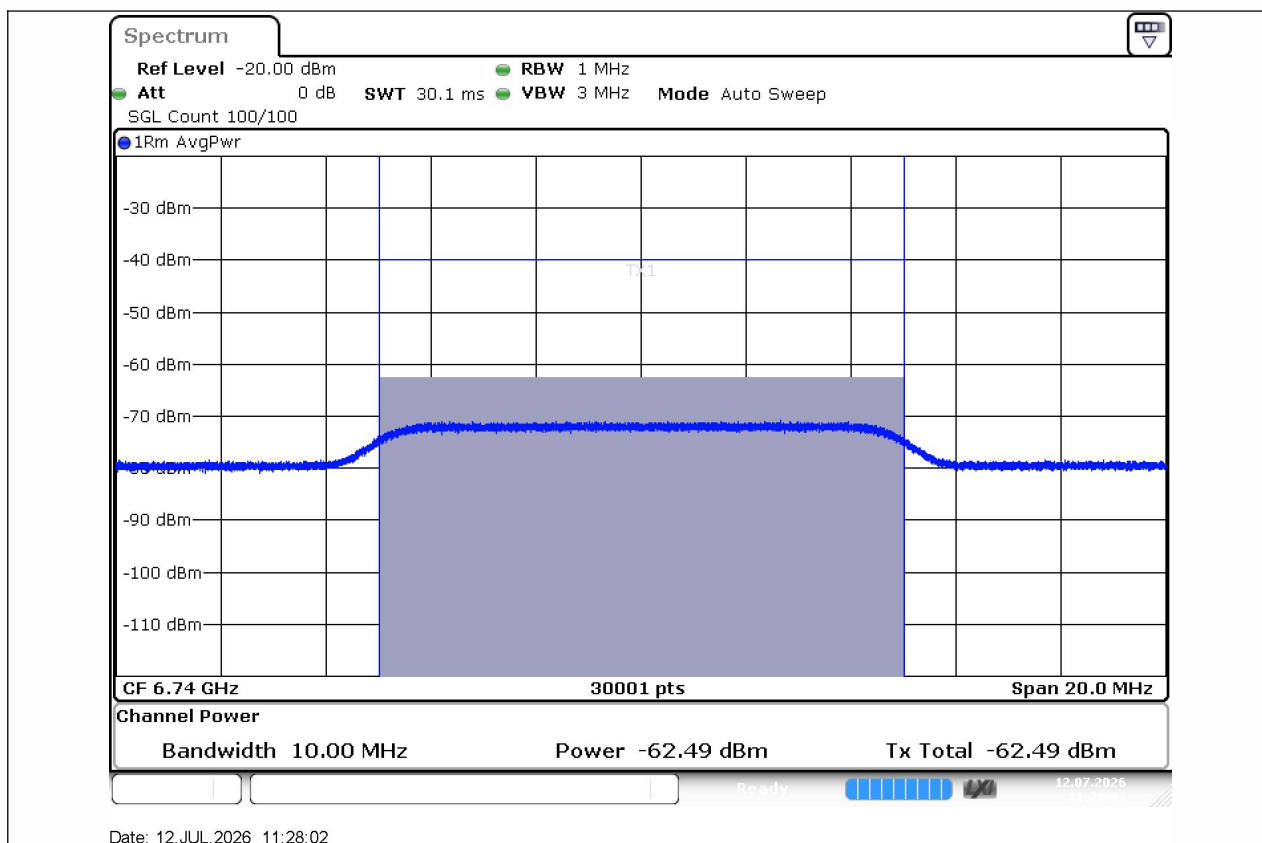




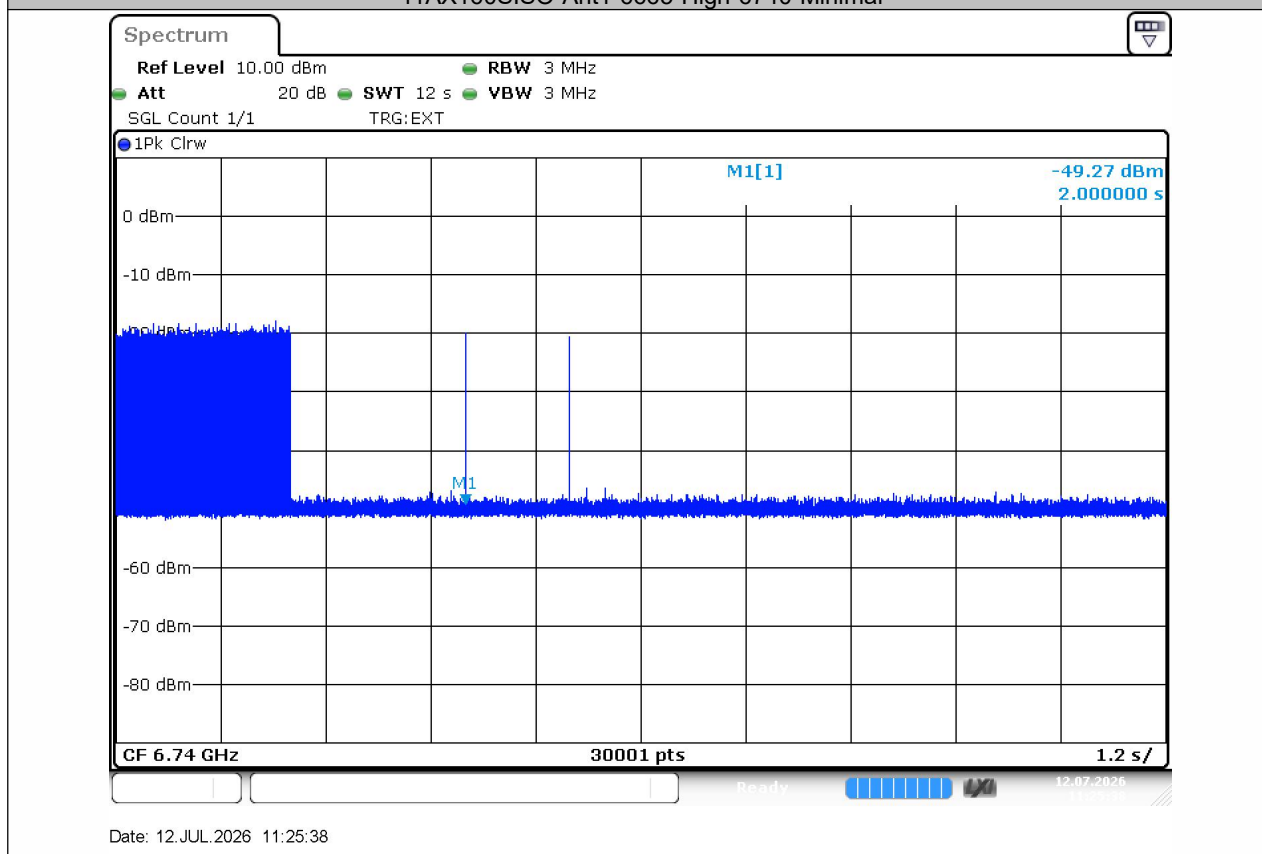
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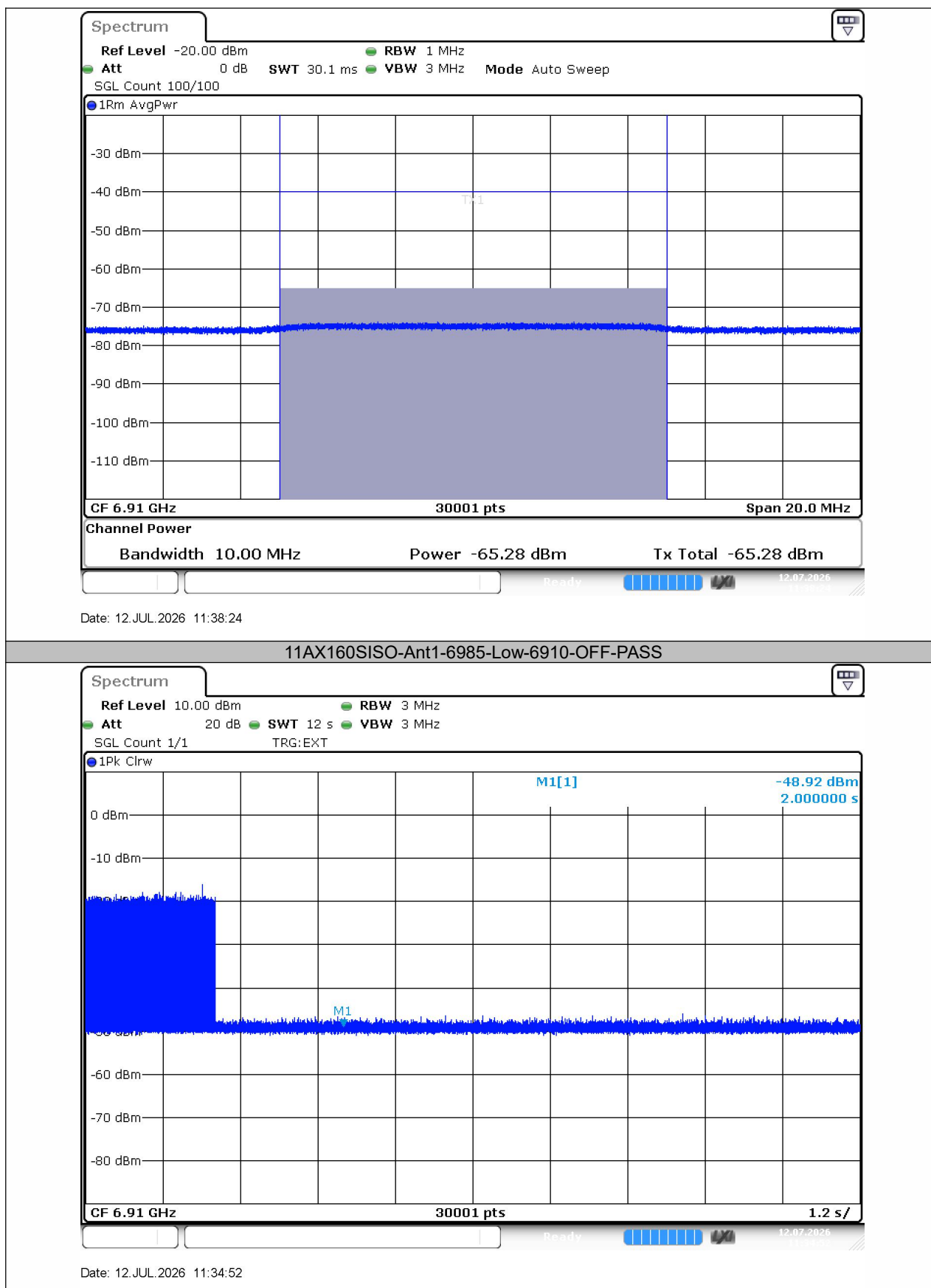


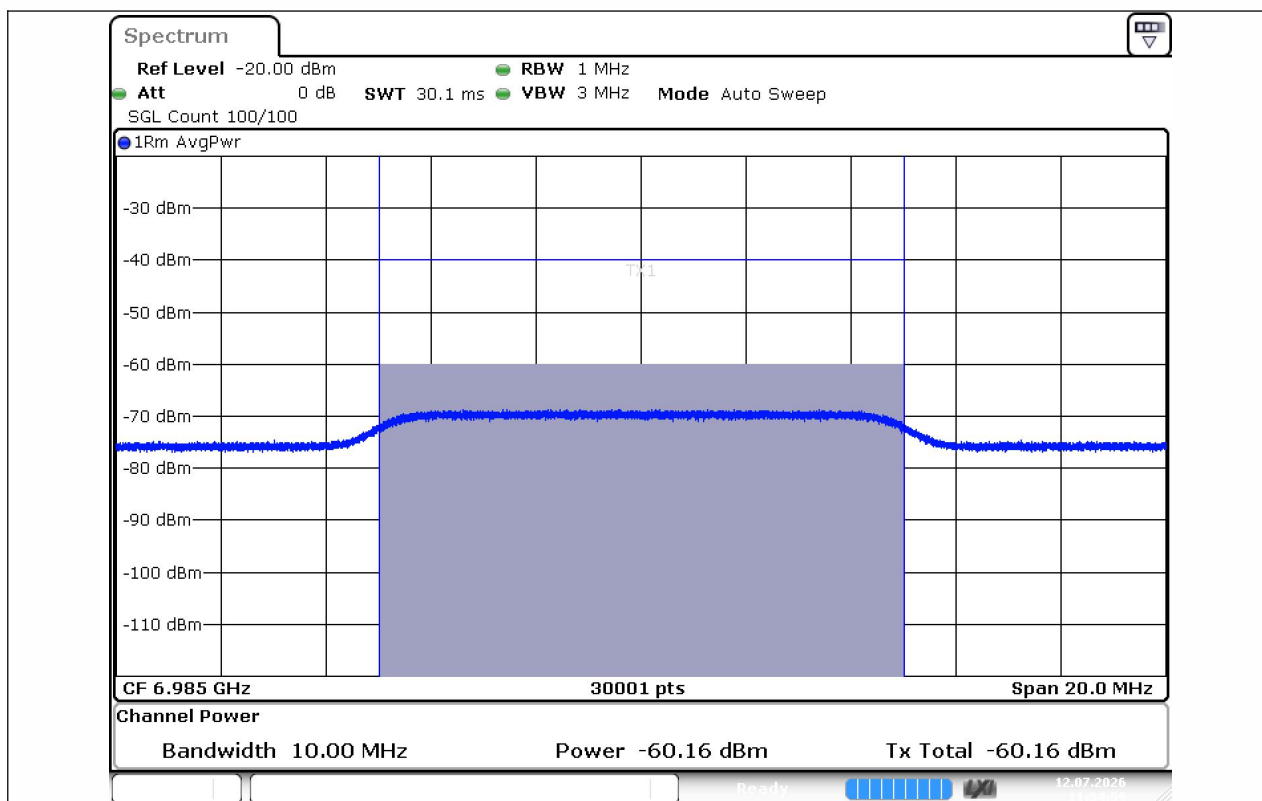




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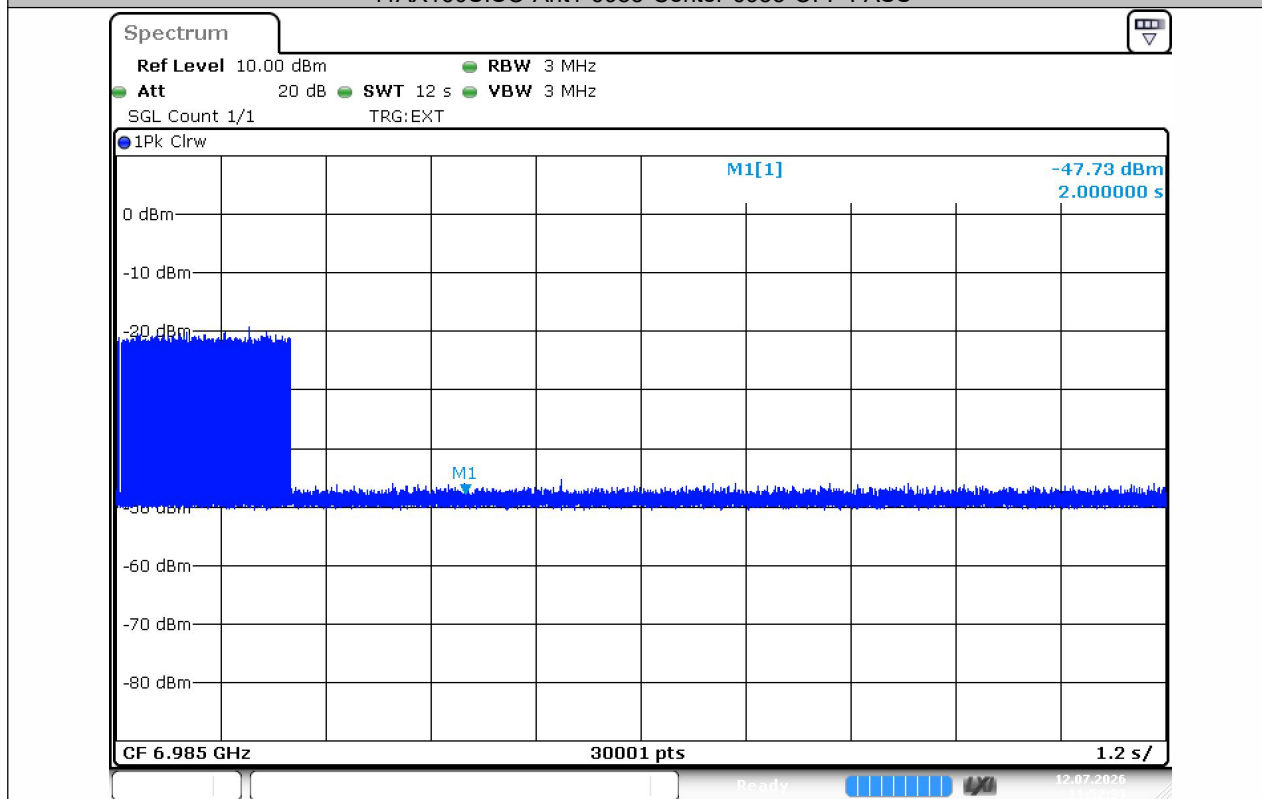




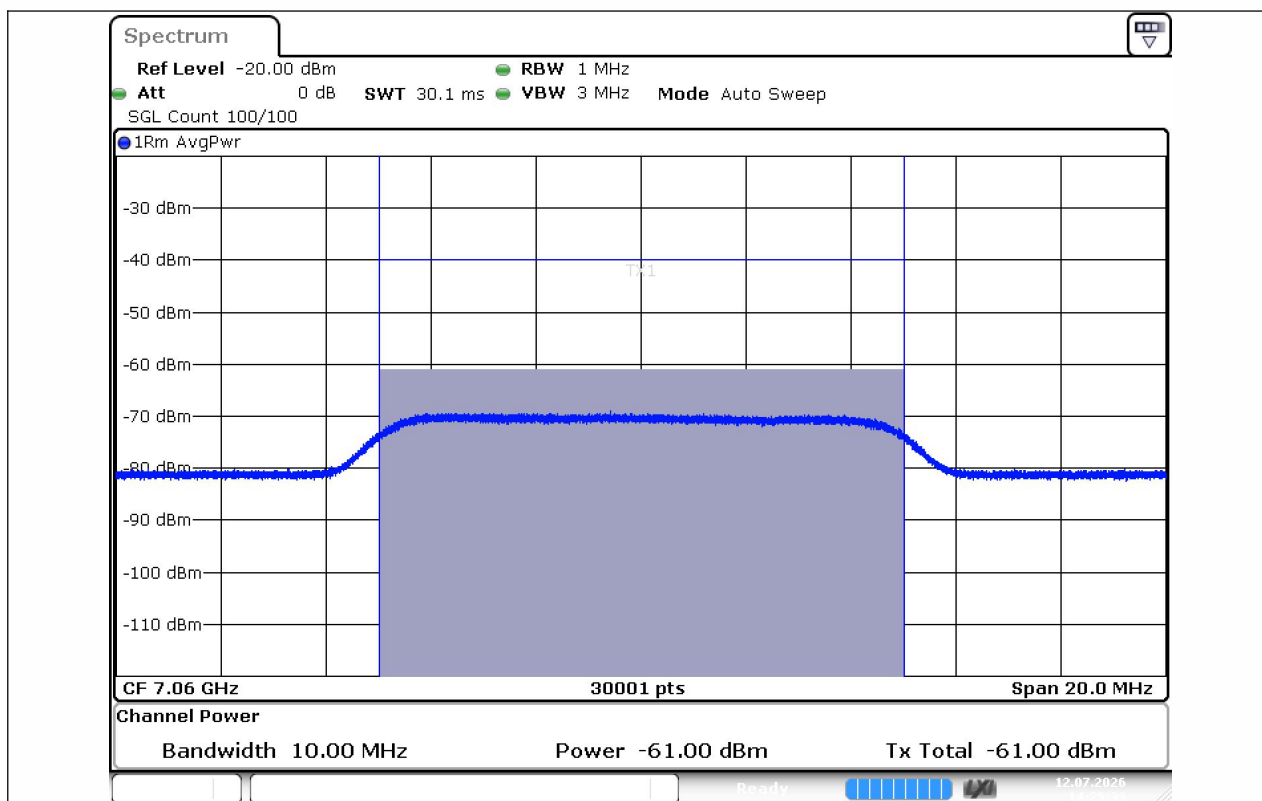


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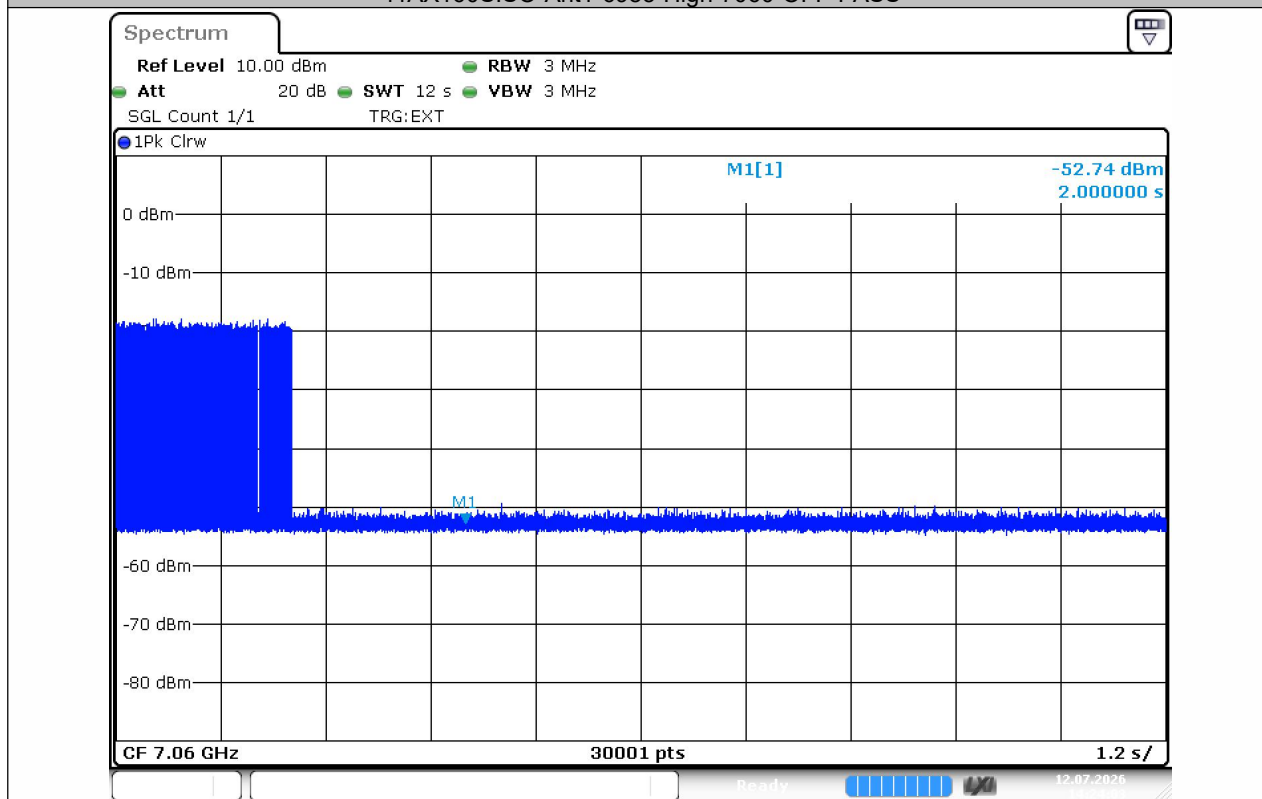


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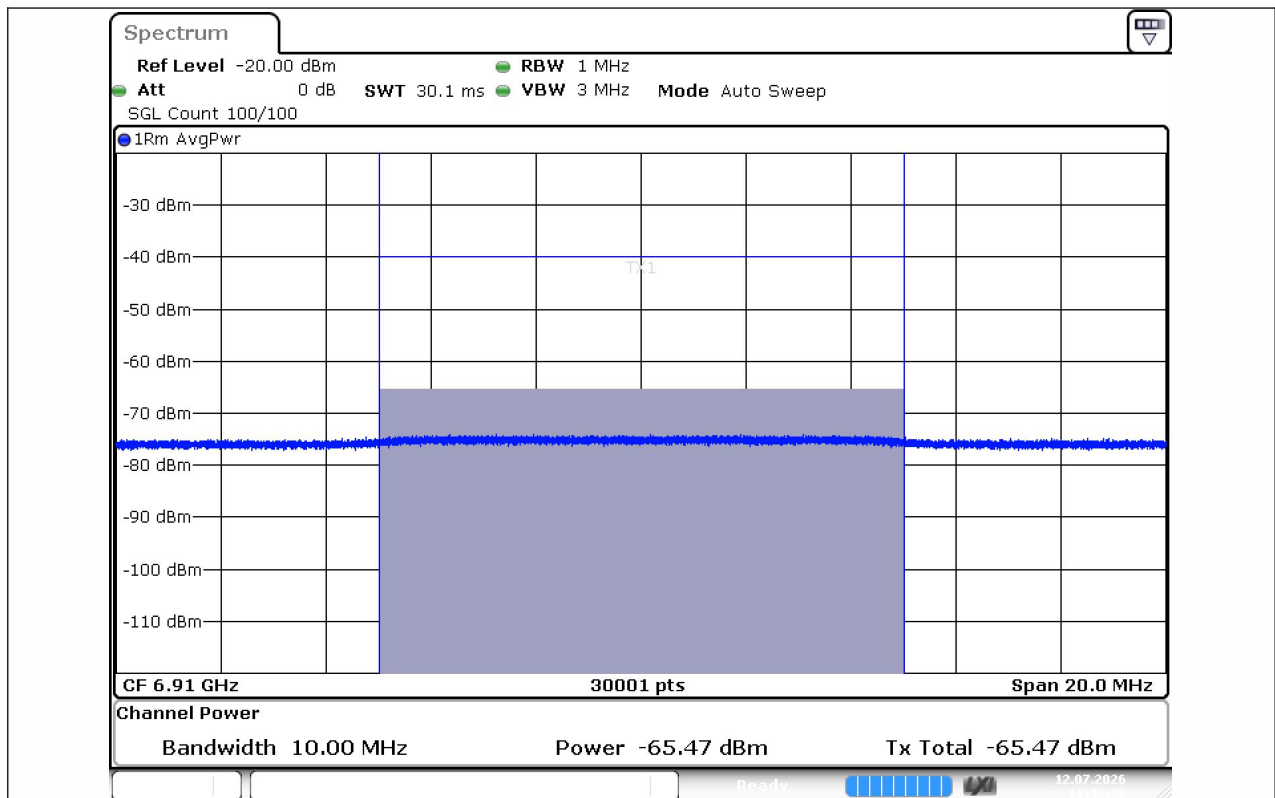


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11AX160SISO-Ant1-6985-High-7060-OFF-PASS

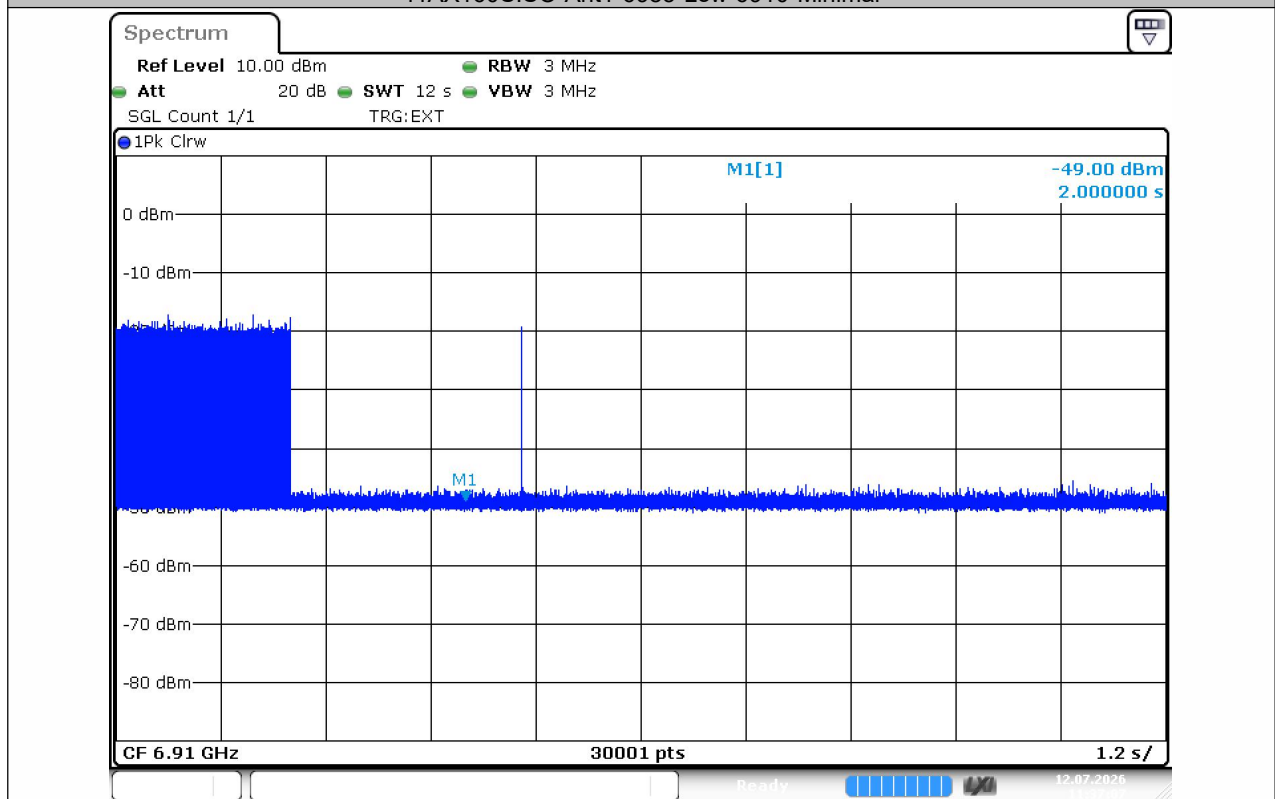


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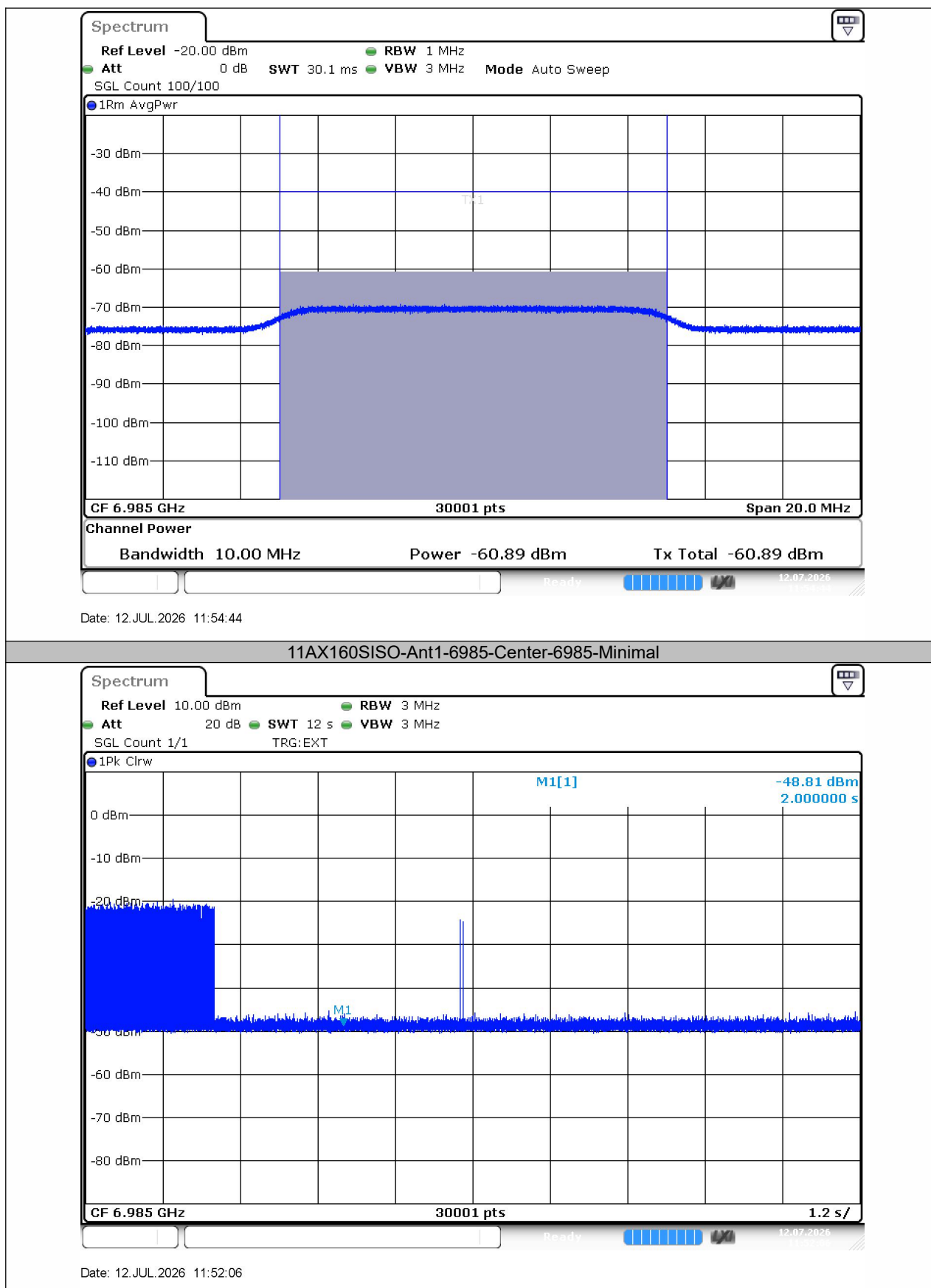


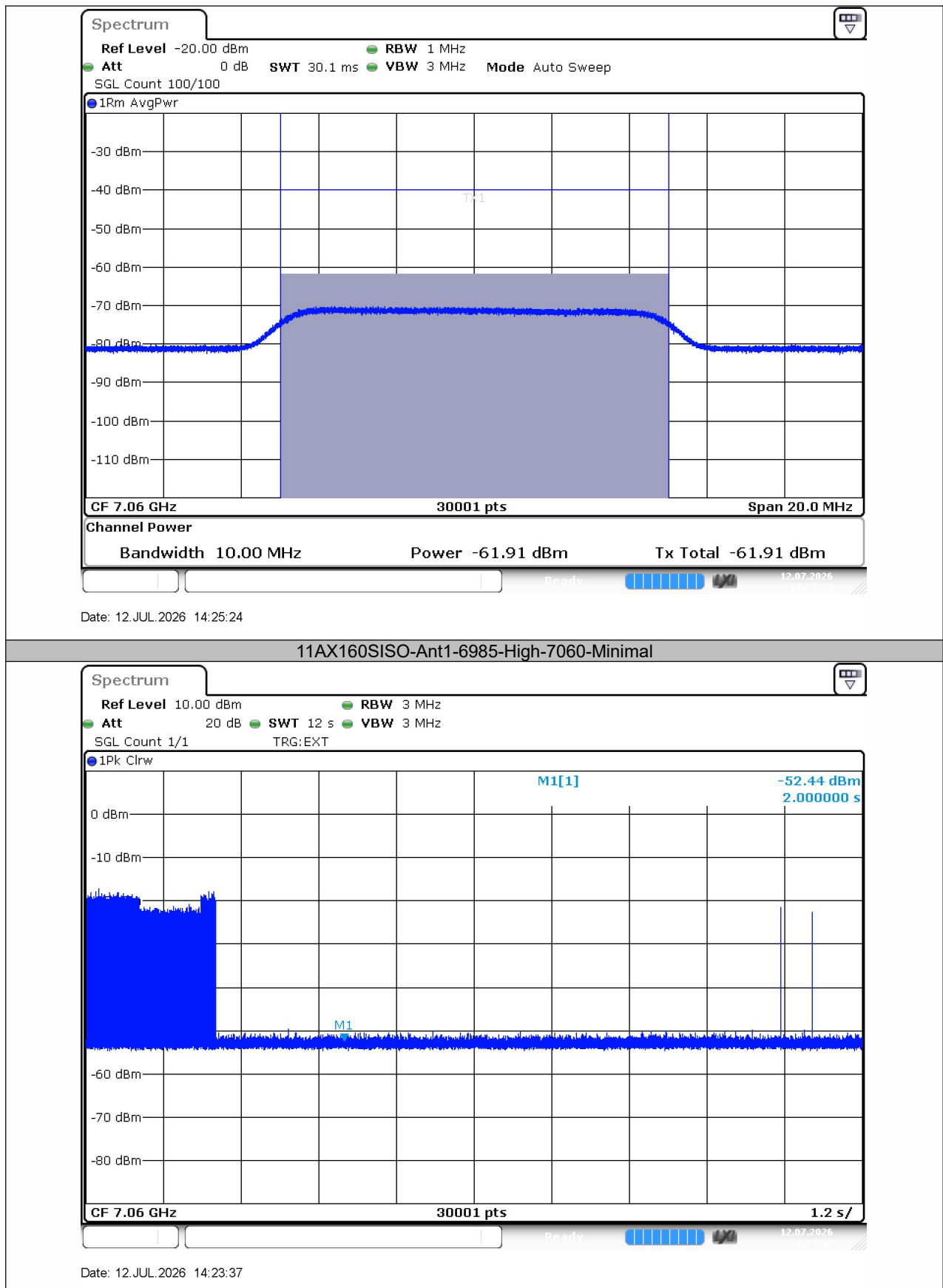
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11AX160SISO-Ant1-6985-Low-6910-Minimal



Date: 12.JUL.2026 11:37:07





8.6 RADIATED SPURIOUS EMISSION

8.6.1 Applicable Standard

According to FCC Part 15.407 (b), 15.209, 15.205
 According to 789033 D02 Section II.G
 According to 987594 D02 Section II.G
 According to RSS-GEN 8.9, 8.10 and 6.13
 According to RSS-248 4.7

8.6.2 Conformance Limit

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.
 Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209
 The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

Restricted Frequency(MHz)	Field Strength (μV/m)	Field Strength (dBμV/m)	Measurement Distance
0.009-0.490	2400/F(KHz)	20 log (uV/m)	300
0.490-1.705	24000/F(KHz)	20 log (uV/m)	30
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

The provisions of §15.205 apply to intentional radiators operating under this section, 15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			

8.6.3 Test Configuration

Test according to clause 7.2 radio frequency test setup

8.6.4 Test Procedure

■ Unwanted Emissions Measurements below 1000 MHz

Compliance shall be demonstrated using CISPR quasi-peak detection; however, peak detection is permitted as an alternative to quasi-peak detection.

The EUT was placed on a turn table which is 0.8m above ground plane.

And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.

Repeat above procedures until all frequency measured was complete.

We use software control the EUT, Let EUT hopping on and transmit with highest power, All the modes have been tested and the worst result was reported.

Use the following spectrum analyzer settings:

Set RBW=120kHz for $f < 1$ GHz(30MHz to 1GHz), 200Hz for $f < 150$ KHz(9KHz to 150KHz), 9KHz for $f < 30$ MHz(150KHz to 30MHz).

Set the VBW > RBW.

Detector = Peak.

Trace mode = max hold.

Follow the guidelines in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit specified in Section 15.35(b). Submit this data.

Repeat above procedures until all frequency measured was complete.

■ Unwanted Maximum peak Emissions Measurements above 1000 MHz

Maximum emission levels are measured by setting the analyzer as follows:

RBW = 1 MHz.

VBW $\geq$ 3 MHz.

Detector = Peak.

Sweep time = auto.

Trace mode = max hold.

Allow sweeps to continue until the trace stabilizes. Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately $1/x$, where x is the duty cycle. For example, at 50 percent duty cycle, the measurement time will increase by a factor of two relative to measurement time for continuous transmission.

■ Unwanted Average Emissions Measurements above 1000 MHz

Method AD (Average Detection): Primary method

RBW = 1 MHz.

VBW $\geq$ 3 MHz.

Detector = power averaging (rms), if $\text{span}/(\# \text{ of points in sweep}) \leq \text{RBW}/2$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, the detector mode shall be set to peak.

Averaging type = power averaging (rms)

Sweep time = auto.

Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, the number of traces shall be increased by a factor of $1/x$, where x is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—rather than turning on and off with the transmit cycle, at least 100 traces shall be averaged.)

If tests are performed with the EUT transmitting at a duty cycle less than 98%, a correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is $10 \log (1/x)$, where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB must be added to the measured emission levels.

8.6.5 Test Results

PASS

Temperature :	25℃	ATM Pressure:	1011 mbar
Humidity :	45 %	Test Engineer:	HZB

■ Spurious Emission below 30MHz(9KHz to 30MHz)

For Spurious Emission below 30MHz (9KHz to 30MHz), was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.



■ Undesirable radiated Spurious Emission Above 1GHz (1GHz to 40GHz)

All antennas and modulation modes are tested, the data of the worst mode is described as below.

U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11AX(20) Frequency(MHz): 5955

Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10117.5	58.97	2.67	74.00	15.03	PK	Vertical	100
2	13784.7	61.72	7.30	74.00	12.28	PK	Vertical	134
3	16988.9	64.61	9.51	74.00	9.39	PK	Vertical	191

AV Final Data List							
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10117.536	44.92	54.00	9.08	AV	Vertical	121
2	13784.752	45.64	54.00	8.36	AV	Vertical	161
3	16988.940	44.72	54.00	9.28	AV	Vertical	192

Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9981.52	57.49	2.05	74.00	16.51	PK	Horizontal	110
2	13867.7	63.31	7.19	74.00	10.69	PK	Horizontal	120
3	17027.9	64.51	9.68	74.00	9.49	PK	Horizontal	191

AV Final Data List							
NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9981.528	44.37	54.00	9.63	AV	Horizontal	113
2	13867.75	45.43	54.00	8.57	AV	Horizontal	164
3	17027.94	44.79	54.00	9.21	AV	Horizontal	185

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6175

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10017.5	58.17	2.36	74.00	15.83	PK	Vertical	117
2	13129.7	62.19	7.78	74.00	11.81	PK	Vertical	158
3	17384.9	64.63	9.82	74.00	9.37	PK	Vertical	194

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10017.53	44.69	54.00	9.31	AV	Vertical	105
2	13129.71	46.05	54.00	7.95	AV	Vertical	153
3	17384.96	45.18	54.00	8.82	AV	Vertical	192

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9288.49	56.77	0.49	74.00	17.23	PK	Horizontal	108
2	11756.6	59.87	2.99	74.00	14.13	PK	Horizontal	145
3	17445.9	65.44	9.86	74.00	8.56	PK	Horizontal	164

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9288.487	43.2	54.00	10.8	AV	Horizontal	114
2	11756.63	41.24	54.00	12.76	AV	Horizontal	157
3	17445.96	45.2	54.00	8.8	AV	Horizontal	188

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 5 Band (5925 ~ 6425MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6415

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9380.49	57.71	0.34	74.00	16.29	PK	Vertical	108
2	12842.7	60.09	6.92	74.00	13.91	PK	Vertical	134
3	17170.9	63.51	8.80	74.00	10.49	PK	Vertical	166

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9380.493	42.7	54.00	11.3	AV	Vertical	118
2	12842.69	45.34	54.00	8.66	AV	Vertical	136
3	17170.95	43.91	54.00	10.09	AV	Vertical	172

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10053.5	58.48	2.52	74.00	15.52	PK	Horizontal	109
2	13134.7	60.82	7.80	74.00	13.18	PK	Horizontal	138
3	17441.9	64.59	9.90	74.00	9.41	PK	Horizontal	188

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10053.53	44.68	54.00	9.32	AV	Horizontal	117
2	13134.71	46.26	54.00	7.74	AV	Horizontal	151
3	17441.96	45.15	54.00	8.85	AV	Horizontal	190

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6435

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10016.5	58.22	2.36	74.00	15.78	PK	Vertical	108
2	13083.7	60.57	7.25	74.00	13.43	PK	Vertical	160
3	17409.9	63.81	10.21	74.00	10.19	PK	Vertical	181

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10016.53	45.14	54.00	8.86	AV	Vertical	117
2	13083.71	45.46	54.00	8.54	AV	Vertical	159
3	17409.96	45.57	54.00	8.43	AV	Vertical	177

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10056.5	58.21	2.54	74.00	15.79	PK	Horizontal	120
2	13151.7	61.02	7.91	74.00	12.98	PK	Horizontal	150
3	17006.9	63.45	9.64	74.00	10.55	PK	Horizontal	165

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10056.53	45.3	54.00	8.7	AV	Horizontal	120
2	13151.71	46.55	54.00	7.45	AV	Horizontal	146
3	17006.94	45.45	54.00	8.55	AV	Horizontal	198

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6475

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10146.5	58.13	2.55	74.00	15.87	PK	Vertical	109
2	13162.7	60.92	7.97	74.00	13.08	PK	Vertical	136
3	17394.9	64.29	10.14	74.00	9.71	PK	Vertical	163

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10146.53	45.16	54.00	8.84	AV	Vertical	102
2	13162.71	46.28	54.00	7.72	AV	Vertical	130
3	17394.96	45.91	54.00	8.09	AV	Vertical	171

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10061.5	58.40	2.56	74.00	15.60	PK	Horizontal	119
2	13206.7	61.14	8.03	74.00	12.86	PK	Horizontal	132
3	17387.9	64.76	9.92	74.00	9.24	PK	Horizontal	195

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10061.53	45.23	54.00	8.77	AV	Horizontal	108
2	13206.71	46.64	54.00	7.36	AV	Horizontal	156
3	17387.96	45.18	54.00	8.82	AV	Horizontal	179

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 6 Band (6425 ~ 6525MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6515

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10700.5	58.73	5.36	74.00	15.27	PK	Vertical	119
2	13141.7	60.72	7.85	74.00	13.28	PK	Vertical	136
3	17462.9	64.52	9.70	74.00	9.48	PK	Vertical	174

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10700.57	48.02	54.00	5.98	AV	Vertical	111
2	13141.71	46.13	54.00	7.87	AV	Vertical	143
3	17462.96	45.25	54.00	8.75	AV	Vertical	165

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9949.53	58.02	1.66	74.00	15.98	PK	Horizontal	110
2	13152.7	62.10	7.91	74.00	11.90	PK	Horizontal	156
3	17410.9	64.62	10.20	74.00	9.38	PK	Horizontal	186

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9949.526	43.84	54.00	10.16	AV	Horizontal	106
2	13152.71	46.15	54.00	7.85	AV	Horizontal	147
3	17410.96	45.84	54.00	8.16	AV	Horizontal	198

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6535

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9970.53	59.10	1.92	74.00	14.90	PK	Vertical	119
2	12881.7	59.96	6.37	74.00	14.04	PK	Vertical	153
3	17001.9	63.19	9.62	74.00	10.81	PK	Vertical	180

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9970.527	44.77	54.00	9.23	AV	Vertical	101
2	12881.69	44.58	54.00	9.42	AV	Vertical	159
3	17001.94	45.34	54.00	8.66	AV	Vertical	174

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10016.5	57.78	2.36	74.00	16.22	PK	Horizontal	115
2	13162.7	60.86	7.97	74.00	13.14	PK	Horizontal	143
3	16986.9	64.98	9.49	74.00	9.02	PK	Horizontal	193

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10016.53	45.03	54.00	8.97	AV	Horizontal	110
2	13162.71	46.28	54.00	7.72	AV	Horizontal	148
3	16986.94	44.75	54.00	9.25	AV	Horizontal	190

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6695

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9984.53	59.22	2.09	74.00	14.78	PK	Vertical	102
2	13541.7	60.38	4.54	74.00	13.62	PK	Vertical	159
3	17445.9	64.64	9.86	74.00	9.36	PK	Vertical	197

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9984.528	44.47	54.00	9.53	AV	Vertical	106
2	13541.73	42.8	54.00	11.2	AV	Vertical	146
3	17445.96	45.29	54.00	8.71	AV	Vertical	172

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9995.53	58.05	2.23	74.00	15.95	PK	Horizontal	120
2	13131.7	61.28	7.79	74.00	12.72	PK	Horizontal	156
3	17410.9	64.13	10.20	74.00	9.87	PK	Horizontal	185

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	9995.529	45.01	54.00	8.99	AV	Horizontal	111
2	13131.71	46.04	54.00	7.96	AV	Horizontal	135
3	17410.96	45.55	54.00	8.45	AV	Horizontal	175

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 7 Band (6525 ~ 6875MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6855

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10059.5	59.01	2.55	74.00	14.99	PK	Vertical	109
2	13154.7	61.36	7.92	74.00	12.64	PK	Vertical	141
3	17418.9	64.36	10.13	74.00	9.64	PK	Vertical	192

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10059.53	45.28	54.00	8.72	AV	Vertical	103
2	13154.71	46.18	54.00	7.82	AV	Vertical	158
3	17418.96	46.01	54.00	7.99	AV	Vertical	196

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10076.5	58.04	2.64	74.00	15.96	PK	Horizontal	104
2	13140.7	62.05	7.84	74.00	11.95	PK	Horizontal	150
3	17613.9	64.45	10.97	74.00	9.55	PK	Horizontal	194

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10076.53	45.58	54.00	8.42	AV	Horizontal	105
2	13140.71	46.45	54.00	7.55	AV	Horizontal	136
3	17613.97	46.79	54.00	7.21	AV	Horizontal	184

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6895

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10037.5	58.71	2.46	74.00	15.29	PK	Vertical	113
2	13110.7	61.62	7.66	74.00	12.38	PK	Vertical	132
3	17407.9	63.79	10.24	74.00	10.21	PK	Vertical	191

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10037.53	45.07	54.00	8.93	AV	Vertical	118
2	13110.71	45.99	54.00	8.01	AV	Vertical	157
3	17407.96	46.06	54.00	7.94	AV	Vertical	182

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10205.5	58.74	2.29	74.00	15.26	PK	Horizontal	113
2	13174.7	61.15	8.04	74.00	12.85	PK	Horizontal	130
3	17020.9	63.54	9.66	74.00	10.46	PK	Horizontal	168

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10205.54	44.62	54.00	9.38	AV	Horizontal	107
2	13174.71	46.65	54.00	7.35	AV	Horizontal	138
3	17020.94	45.33	54.00	8.67	AV	Horizontal	178

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 6995

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10060.5	58.61	2.56	74.00	15.39	PK	Vertical	119
2	13085.7	59.92	7.29	74.00	14.08	PK	Vertical	131
3	17396.9	63.98	10.21	74.00	10.02	PK	Vertical	186

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10060.53	45.38	54.00	8.62	AV	Vertical	107
2	13085.71	45.95	54.00	8.05	AV	Vertical	152
3	17396.96	45.93	54.00	8.07	AV	Vertical	177

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10692.5	58.61	5.16	74.00	15.39	PK	Horizontal	119
2	13152.7	61.25	7.91	74.00	12.75	PK	Horizontal	135
3	17415.9	64.41	10.15	74.00	9.59	PK	Horizontal	193

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10692.57	48.04	54.00	5.96	AV	Horizontal	120
2	13152.71	46.55	54.00	7.45	AV	Horizontal	136
3	17415.96	45.77	54.00	8.23	AV	Horizontal	189

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

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Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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U-NII 8 Band (6875 ~ 7125MHz)

Test mode: 802.11AX(20)

Frequency(MHz): 7115

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10055.5	58.66	2.54	74.00	15.34	PK	Vertical	100
2	13115.7	60.55	7.69	74.00	13.45	PK	Vertical	152
3	17024.9	63.82	9.66	74.00	10.18	PK	Vertical	191

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10055.53	45.21	54.00	8.79	AV	Vertical	106
2	13115.71	45.93	54.00	8.07	AV	Vertical	148
3	17024.94	44.89	54.00	9.11	AV	Vertical	163

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10978.5	58.73	3.39	74.00	15.27	PK	Horizontal	114
2	13146.7	61.62	7.88	74.00	12.38	PK	Horizontal	138
3	16991.9	63.53	9.54	74.00	10.47	PK	Horizontal	186

AV Final Data List

NO.	Freq. [MHz]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Detector	Polarity	Antenna Height (cm)
1	10978.58	46.07	54.00	7.93	AV	Horizontal	108
2	13146.71	46.14	54.00	7.86	AV	Horizontal	150
3	16991.94	44.85	54.00	9.15	AV	Horizontal	193

Remark: The radiation measurements are performed in X, Y, Z axis positioning for transmitting mode, and found the X axis positioning which it is the worst case, only the worst data is recorded in the report.

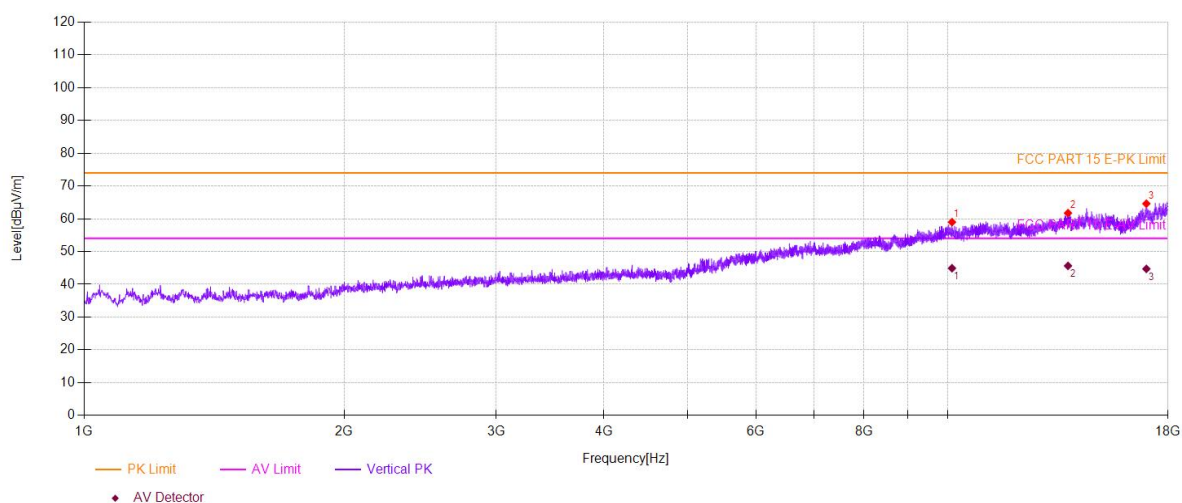
Note:	(1) Peak RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = Peak; (2) Avg RBW = 1 MHz, VBW ≥ 3 × RBW, Detector = RMS; (3) Corrected Reading = Reading Level + Correct Factor; (4) Correct Factor = Ant_F + Cab_L - Preamp; (5) Margin = Limit - Corrected Reading; (6) If the emissions less than the peak limit, it also complied with the -47dBm/MHz (88.2dBuV/m) limit. (7) If the emissions less than the average limit, it also complied with the -27dBm/MHz (68.2dBuV/m) limit.
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Test Graph

Channel 1: 5955MHz

802.11AX(20)

Vertical

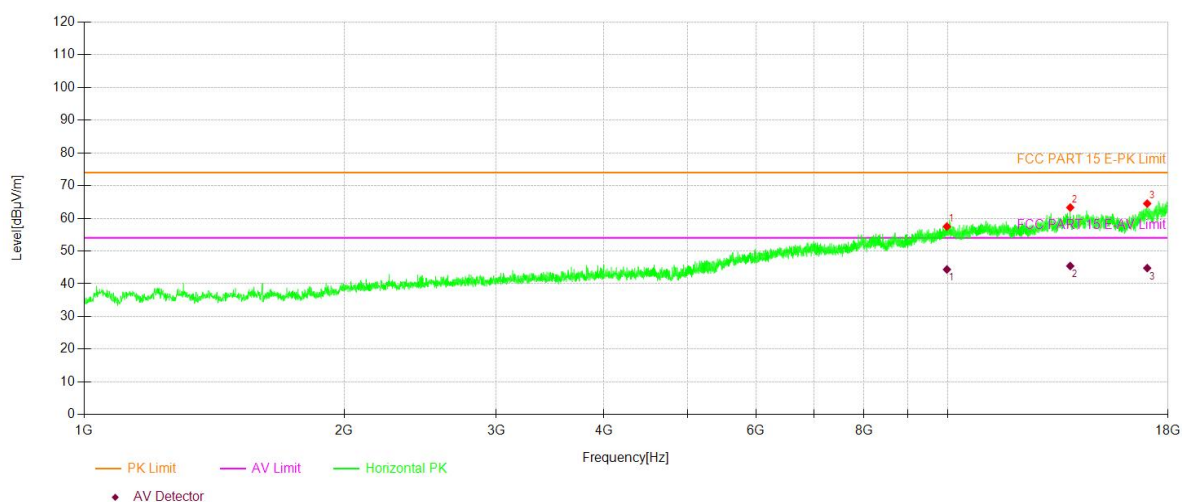


Test Graph

Channel 1: 5955MHz

802.11AX(20)

Horizontal

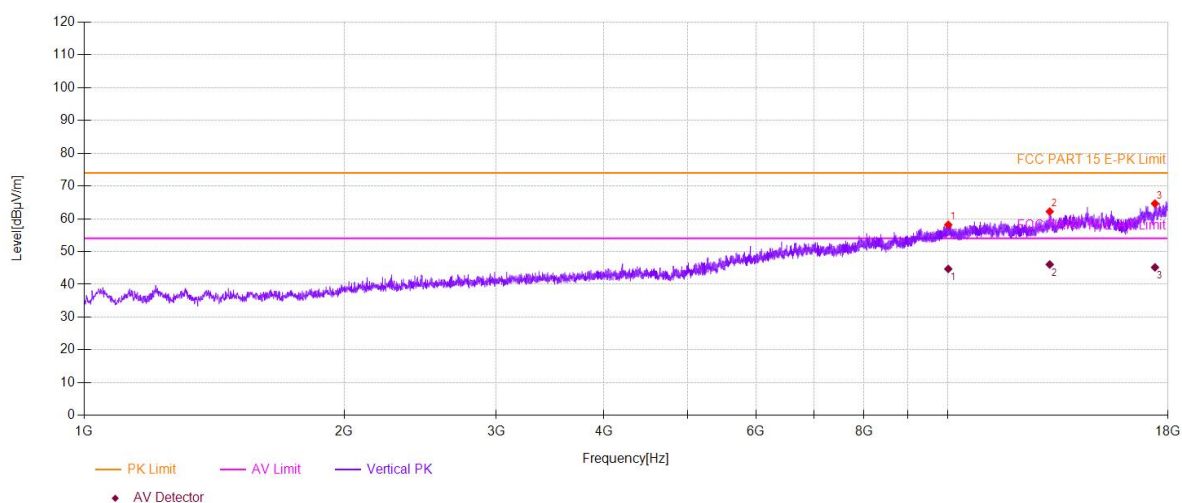


Test Graph

Channel 45: 6175MHz

802.11AX(20)

Vertical

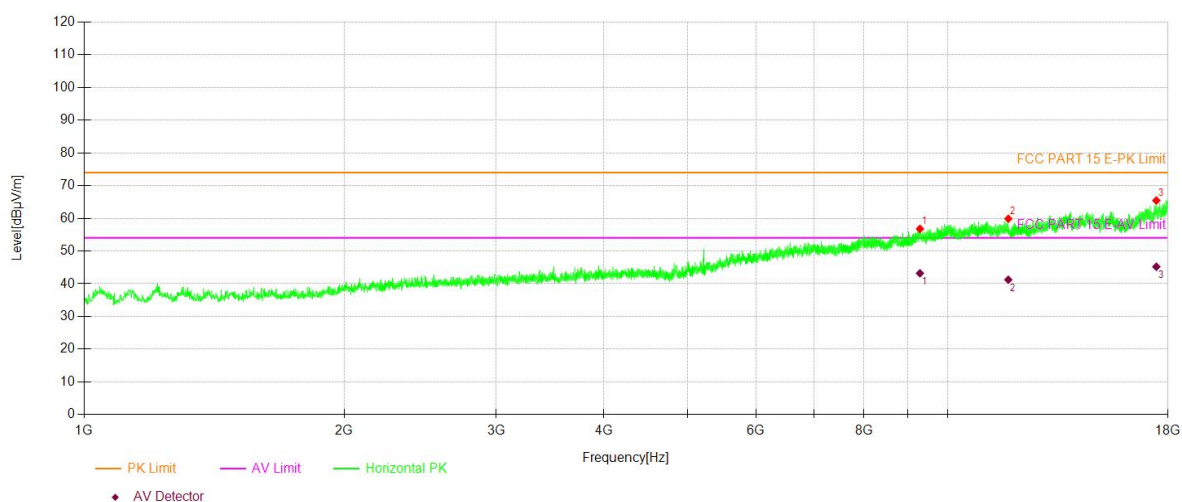


Test Graph

Channel 45: 6175MHz

802.11AX(20)

Horizontal

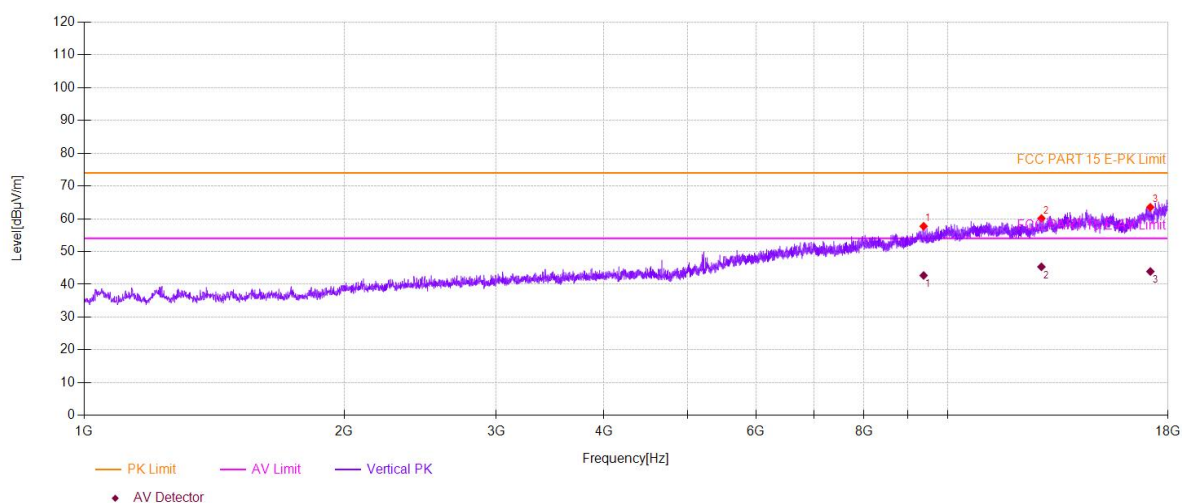


Test Graph

Channel 93: 6415MHz

802.11AX(20)

Vertical



Test Graph

Channel 93: 6415MHz

802.11AX(20)

Horizontal

