

4.12.2 DFS Detection Thresholds
Table 3: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP \geq 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
<p>Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note 3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.</p>	

4.12.3 Response Requirements

Table 4: DFS Response Requirement Values

Parameter	Value
<i>Non-occupancy period</i>	Minimum 30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds See Note 1.
<i>Channel Closing Transmission Time</i>	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
<i>U-NII Detection Bandwidth</i>	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
<p>Note 1: <i>Channel Move Time</i> and the <i>Channel Closing Transmission Time</i> should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The <i>Channel Closing Transmission Time</i> is comprised of 200 milliseconds starting at the beginning of the <i>Channel Move Time</i> plus any additional intermittent control signals required to facilitate a <i>Channel</i> move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the <i>U-NII Detection Bandwidth</i> detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.</p>	



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4.12.4 Test plots

4.12.4.1 DFS Detection Thresholds

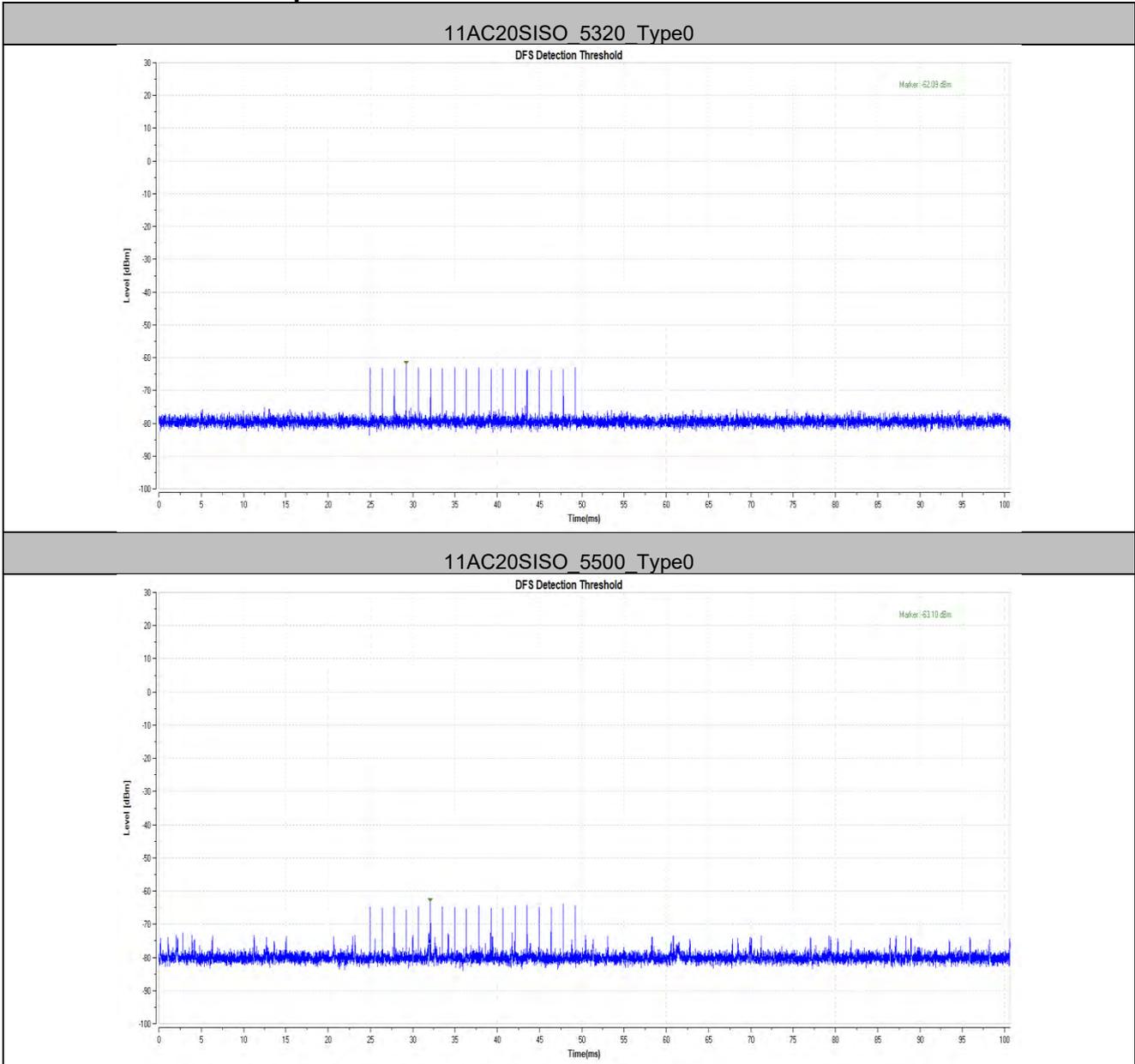
4.12.4.1.1 Test Result

TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC20SISO	5320	Type0	-62.09	-62.00	PASS
	5500	Type0	-63.10	-62.00	PASS
11AC80SISO	5290	Type0	-64.07	-62.00	PASS
	5530	Type0	-63.32	-62.00	PASS



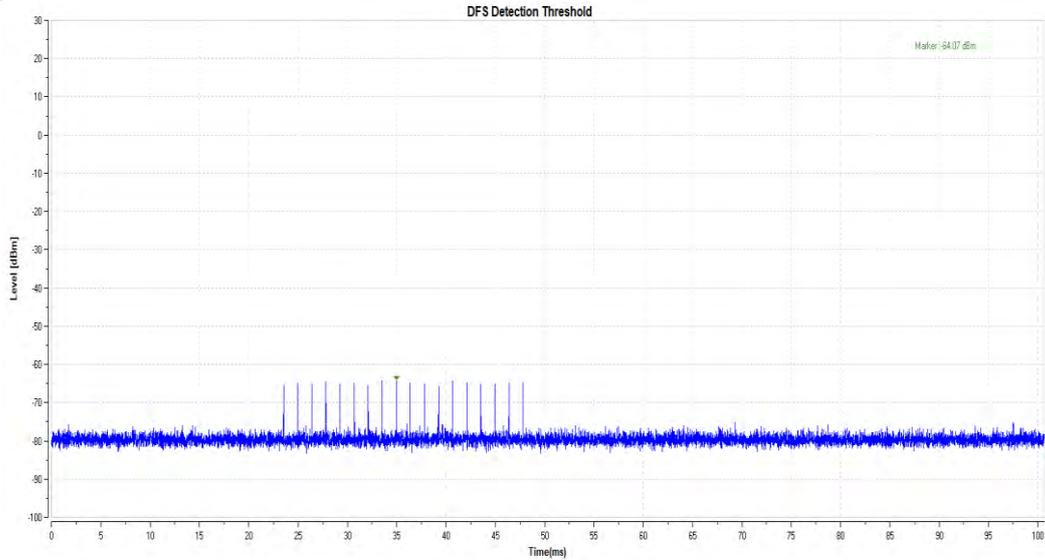
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4.12.4.1.2 Test Graphs

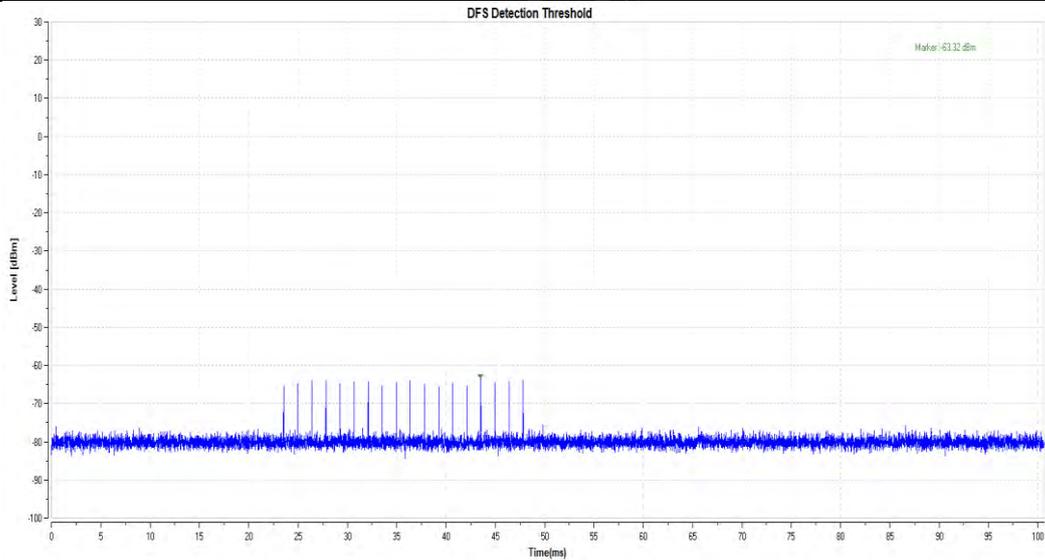


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11AC80SISO_5290_Type0



11AC80SISO_5530_Type0



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4.12.4.2 Channel Move Time and Channel Closing Transmission Time

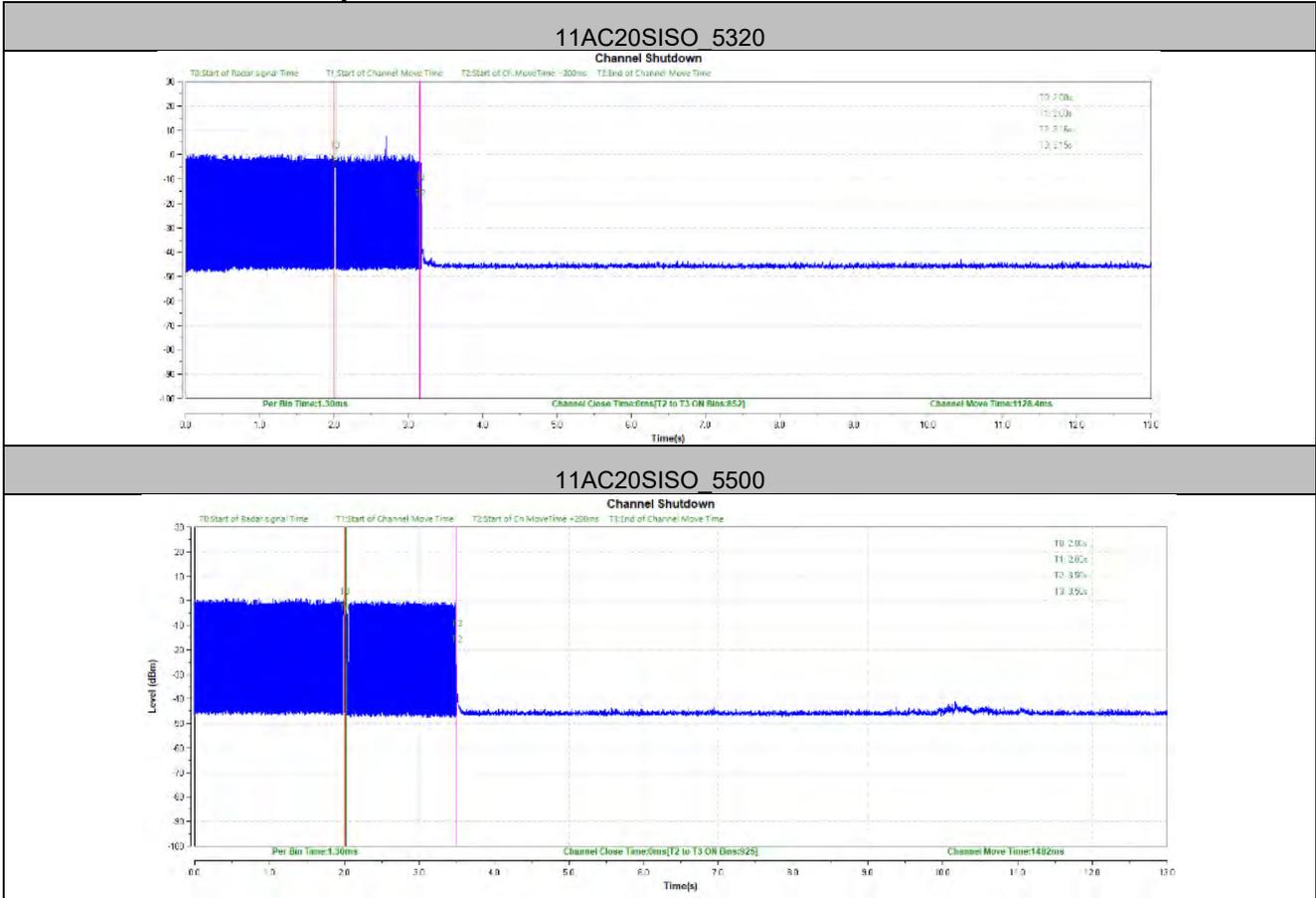
4.12.4.2.1 Test Result

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC20SISO	5320	0	60	1128.4	10000	PASS
	5500	0	60	1402	10000	PASS
11AC80SISO	5290	0	60	203.8	10000	PASS
	5530	0	60	206.7	10000	PASS



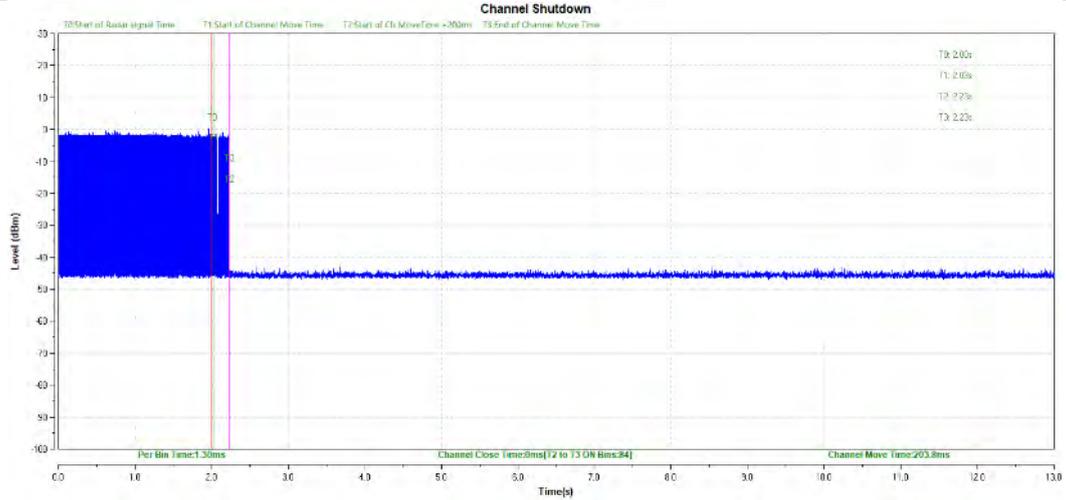
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4.12.4.2.2 Test Graphs

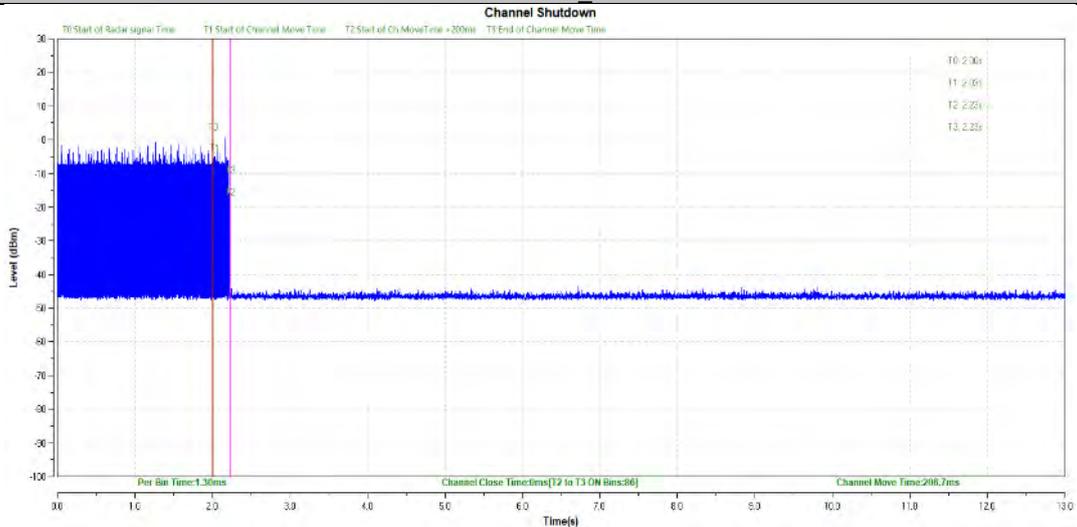


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11AC80SISO 5290



11AC80SISO 5530



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4.12.4.3 Non-Occupancy Period

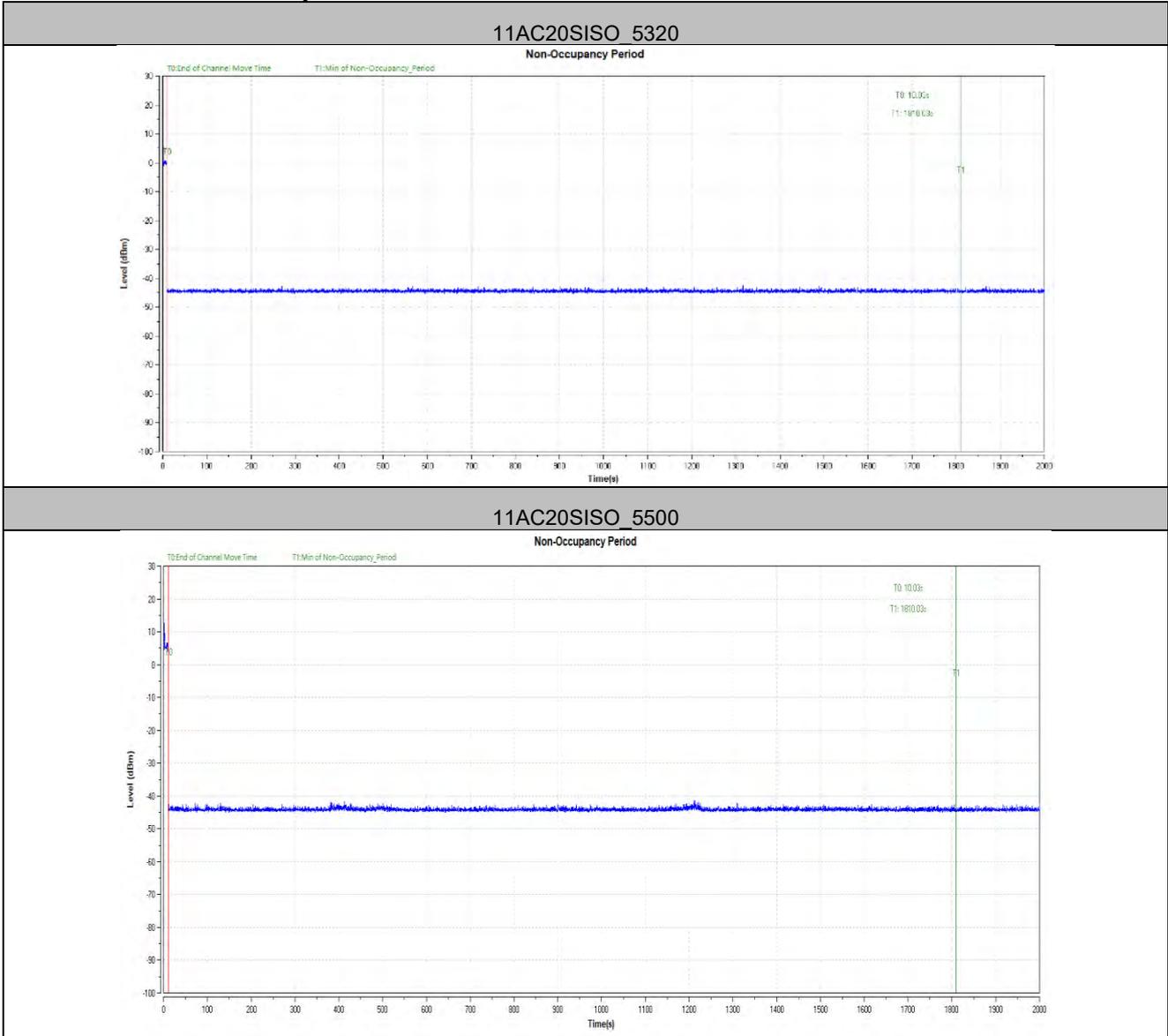
4.12.4.3.1 Test Result

TestMode	Channel	Result	Limit[s]	Verdict
11AC20SISO	5320	see test graph	>=1800	PASS
	5500	see test graph	>=1800	PASS
11AC80SISO	5290	see test graph	>=1800	PASS
	5530	see test graph	>=1800	PASS



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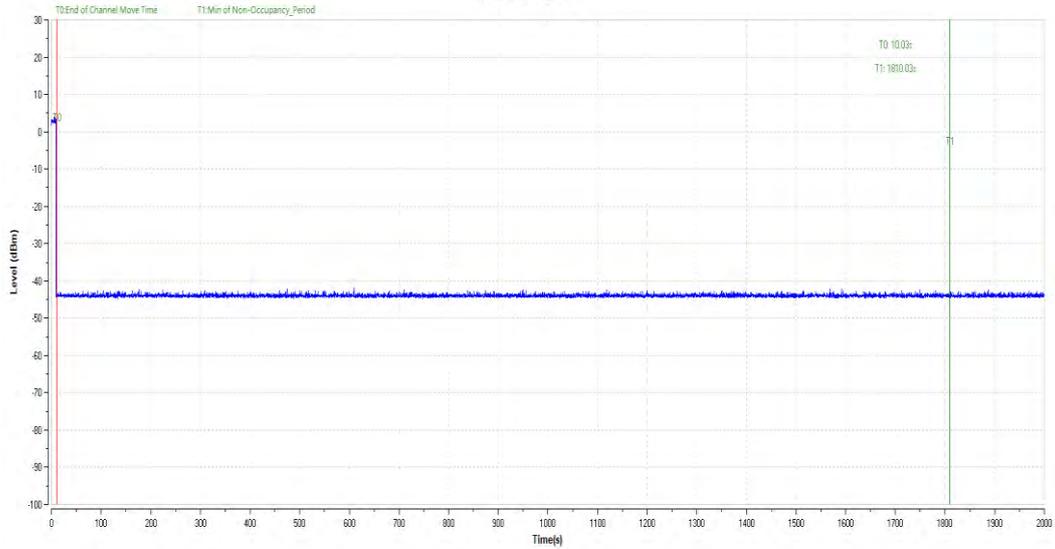


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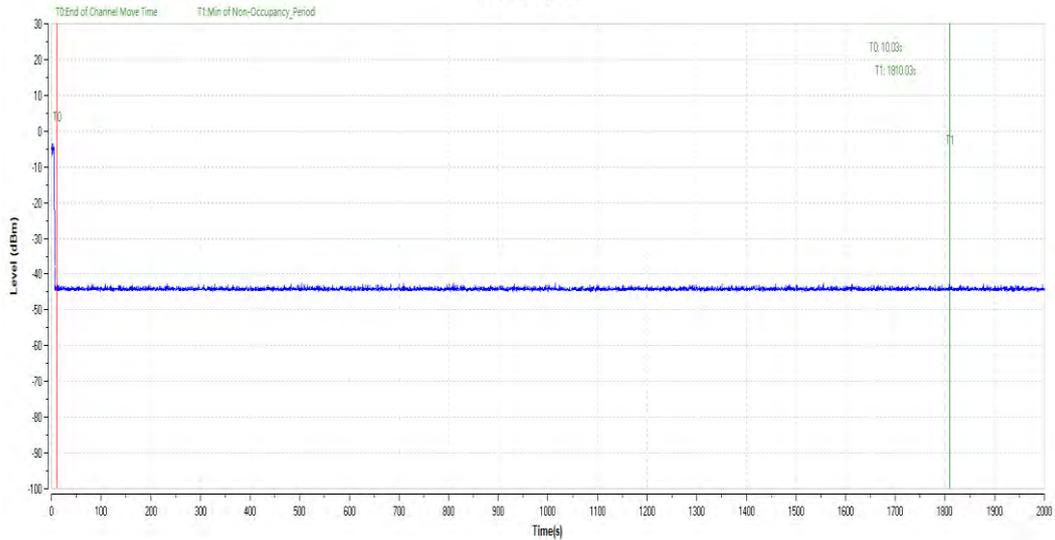
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Non-Occupancy Period



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5 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	±0.75dB
2	RF power density, conducted	±2.84dB
3	Spurious emissions, conducted	±0.75dB
4	Radiated Spurious emission test	±4.5dB (30MHz-1GHz)
		±4.8dB (1GHz-25GHz)
5	Conduct emission test	±3.12 dB(9KHz- 30MHz)
6	Temperature test	±1°C
7	Humidity test	±3%
8	DC and low frequency voltages	±0.5%



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6 Equipment List

Conducted Emission					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2020/5/10	2023/5/9
LISN	Rohde & Schwarz	ENV216	SEM007-01	2020/7/14	2021/7/14
LISN	ETS-LINDGREN	Feb-16	SEM007-02	2020/3/2	2021/3/1
Measurement Software	AUDIX	e3 V5.4.1221d	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2020/6/12	2021/6/11
8 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T8-02	EMC0120	2020/2/11	2021/2/10
4 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T4-02	EMC0121	2020/2/11	2021/2/10
2 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T2-02	EMC0122	2020/2/11	2021/2/10
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2020/3/2	2021/3/1
RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2020/7/14	2021/7/14
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2020/3/2	2021/3/1
Coaxial Cable	SGS	N/A	SEM031-01	2020/6/12	2021/6/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2020/7/14	2021/7/14
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2020/10/27	2021/10/27
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2020/7/14	2021/7/14
Master Device	Linksys pte.Ltd	WRT32X	FCC ID:Q87-WRT3200ACM IC ID:3839A-WRT3200ACM	N/A	N/A



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RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2020/8/5	2023/8/4
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2020/6/12	2021/6/11
MXE EMI Receiver (20Hz-8.4GHz)	Agilent Technologies	N9038A	SEM004-05	2020/7/14	2021/7/14
BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEM003-01	2020/6/27	2023/6/26
Pre-amplifier (0.1-1.3GHz)	Agilent Technologies	8447D	SEM005-01	2020/3/2	2021/3/1
RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018/3/13	2021/3/12
Spectrum Analyzer (20Hz-43GHz)	Rohde & Schwarz	FSU43	SEM004-08	2020/3/2	2021/3/1
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2020/6/27	2023/6/26
Horn Antenna (800MHz-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018/4/13	2021/4/12
Horn Antenna (15-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2020/10/17	2023/10/16
Amplifier(0.1-1300MHz)	HP	8447D	SEM005-02	2020/7/14	2021/7/14
Low Noise Amplifier (100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2020/7/14	2021/7/14
Pre-Amplifier(0.1-26.5GHz)	Compliance Directions Systems Inc.	PAP-0126	EMC2063	2020/10/20	2021/10/19
Pre-amplifier(26-40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2020/3/2	2021/3/1
Band filter	N/A	N/A	N/A	N/A	N/A
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2020/6/12	2021/6/11



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7 Photographs - EUT Constructional Details

Refer to Appendix A - Photographs of Set-Up for AR/2020/C0004.



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Appendix

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Emission Bandwidth
Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.830	5168.630	5191.460	---	PASS
		5200	22.860	5188.690	5211.550	---	PASS
		5240	22.920	5228.630	5251.550	---	PASS
		5260	23.250	5248.630	5271.880	---	PASS
		5300	24.180	5288.240	5312.420	---	PASS
		5320	23.970	5308.540	5332.510	---	PASS
		5500	23.820	5488.570	5512.390	---	PASS
		5580	22.680	5568.960	5591.640	---	PASS
		5700	23.490	5688.840	5712.330	---	PASS
		5745	21.720	5734.200	5755.920	---	PASS
		5785	21.870	5774.110	5795.980	---	PASS
		5825	21.660	5814.230	5835.890	---	PASS
11N20SISO	Ant1	5180	23.460	5168.480	5191.940	---	PASS
		5200	23.640	5188.450	5212.090	---	PASS
		5240	23.460	5228.360	5251.820	---	PASS
		5260	23.340	5248.480	5271.820	---	PASS
		5300	24.450	5288.570	5313.020	---	PASS
		5320	24.570	5308.360	5332.930	---	PASS
		5500	28.650	5486.320	5514.970	---	PASS
		5580	23.460	5568.540	5592.000	---	PASS
		5700	24.450	5688.480	5712.930	---	PASS
		5745	22.890	5733.690	5756.580	---	PASS
		5785	22.980	5773.660	5796.640	---	PASS
		5825	23.100	5813.720	5836.820	---	PASS
11N40SISO	Ant1	5190	41.700	5169.360	5211.060	---	PASS
		5230	41.460	5209.300	5250.760	---	PASS
		5270	41.760	5249.300	5291.060	---	PASS
		5310	41.880	5289.240	5331.120	---	PASS
		5510	42.000	5489.060	5531.060	---	PASS
		5550	42.240	5528.880	5571.120	---	PASS



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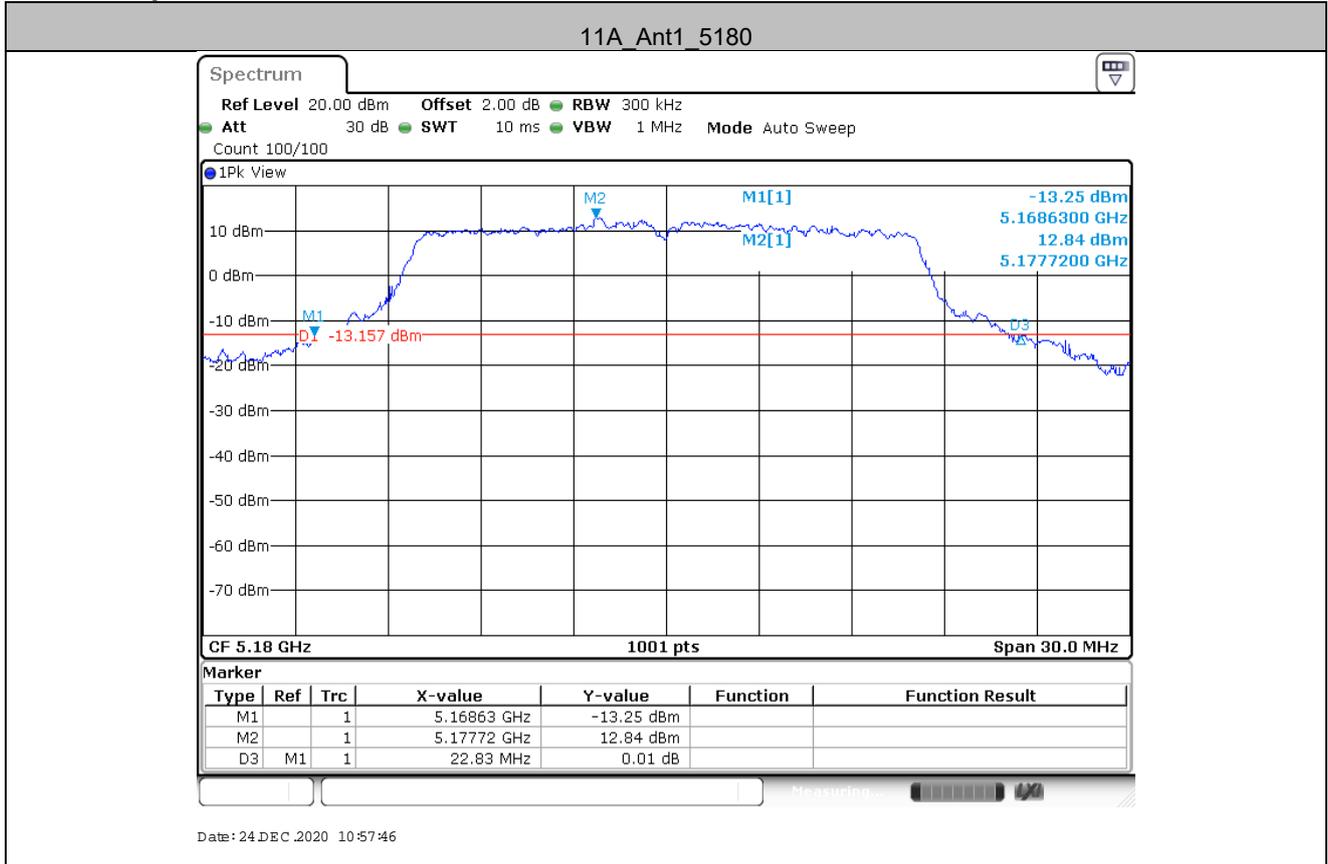
		5670	43.500	5647.560	5691.060	---	PASS
		5755	42.180	5733.580	5775.760	---	PASS
		5795	41.820	5773.880	5815.700	---	PASS
11AC20SISO	Ant1	5180	23.760	5168.060	5191.820	---	PASS
		5200	23.340	5188.450	5211.790	---	PASS
		5240	22.650	5228.720	5251.370	---	PASS
		5260	24.780	5248.390	5273.170	---	PASS
		5300	23.430	5288.540	5311.970	---	PASS
		5320	24.510	5308.390	5332.900	---	PASS
		5500	22.860	5488.600	5511.460	---	PASS
		5580	23.280	5568.510	5591.790	---	PASS
		5700	24.390	5688.510	5712.900	---	PASS
		5745	23.640	5733.060	5756.700	---	PASS
		5745	23.670	5733.270	5756.940	---	PASS
		5785	22.710	5773.660	5796.370	---	PASS
		5825	23.400	5813.510	5836.910	---	PASS
		11AC40SISO	Ant1	5190	41.940	5169.180	5211.120
5230	41.880			5209.240	5251.120	---	PASS
5270	48.240			5243.060	5291.300	---	PASS
5310	51.240			5280.180	5331.420	---	PASS
5510	50.820			5480.420	5531.240	---	PASS
5550	50.700			5520.480	5571.180	---	PASS
5670	45.060			5646.120	5691.180	---	PASS
5755	41.880			5733.820	5775.700	---	PASS
5795	41.820			5773.880	5815.700	---	PASS
11AC80SISO	Ant1	5210	83.400	5168.240	5251.640	---	PASS
		5290	83.040	5248.720	5331.760	---	PASS
		5530	110.520	5471.320	5581.840	---	PASS
		5610	94.440	5562.480	5656.920	---	PASS
		5775	84.240	5732.520	5816.760	---	PASS



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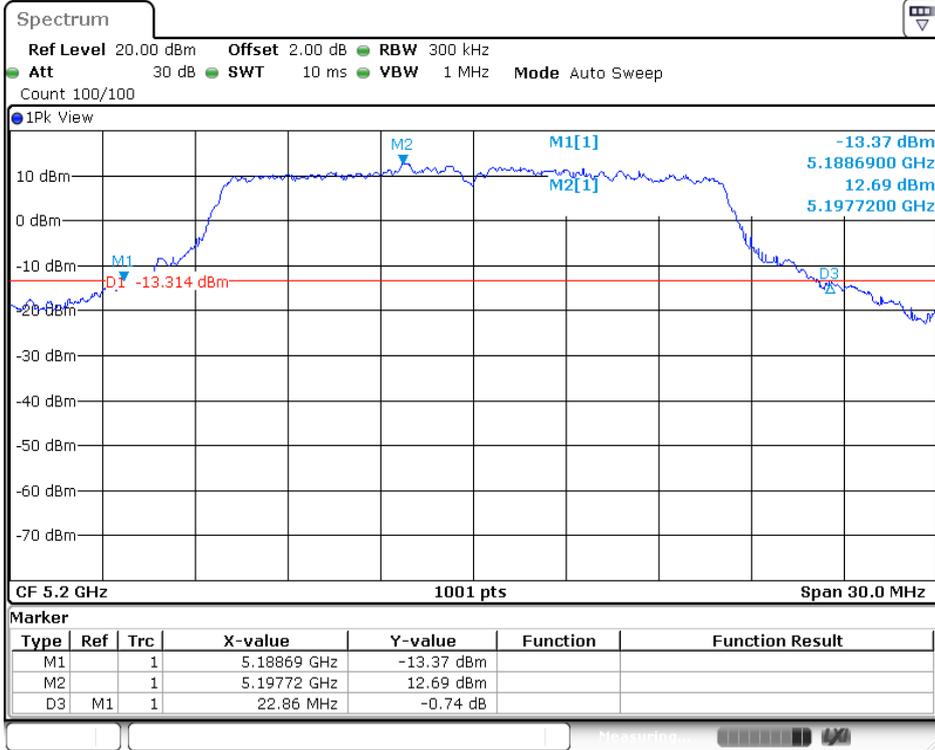
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Test Graphs



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11A Ant1 5200



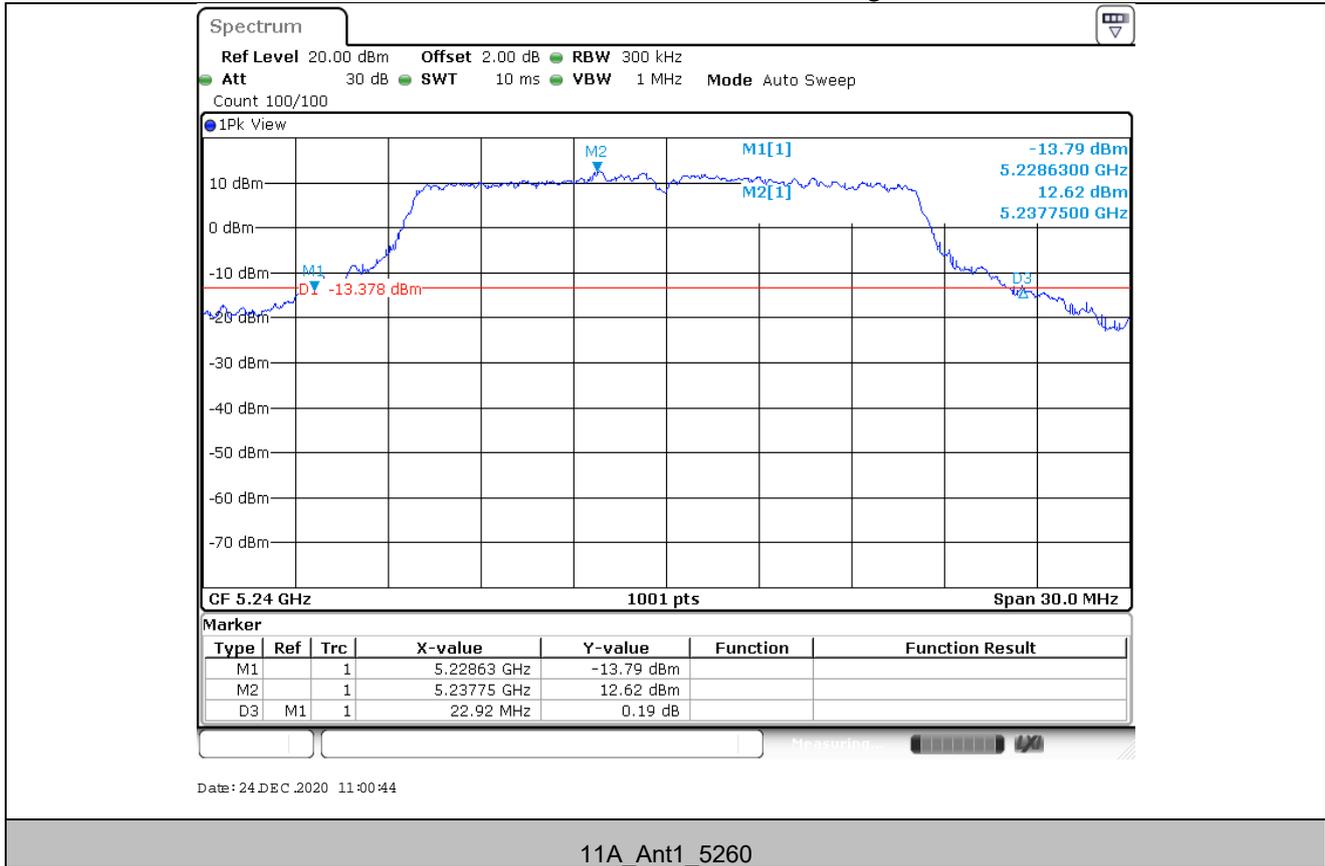
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11A Ant1 5240



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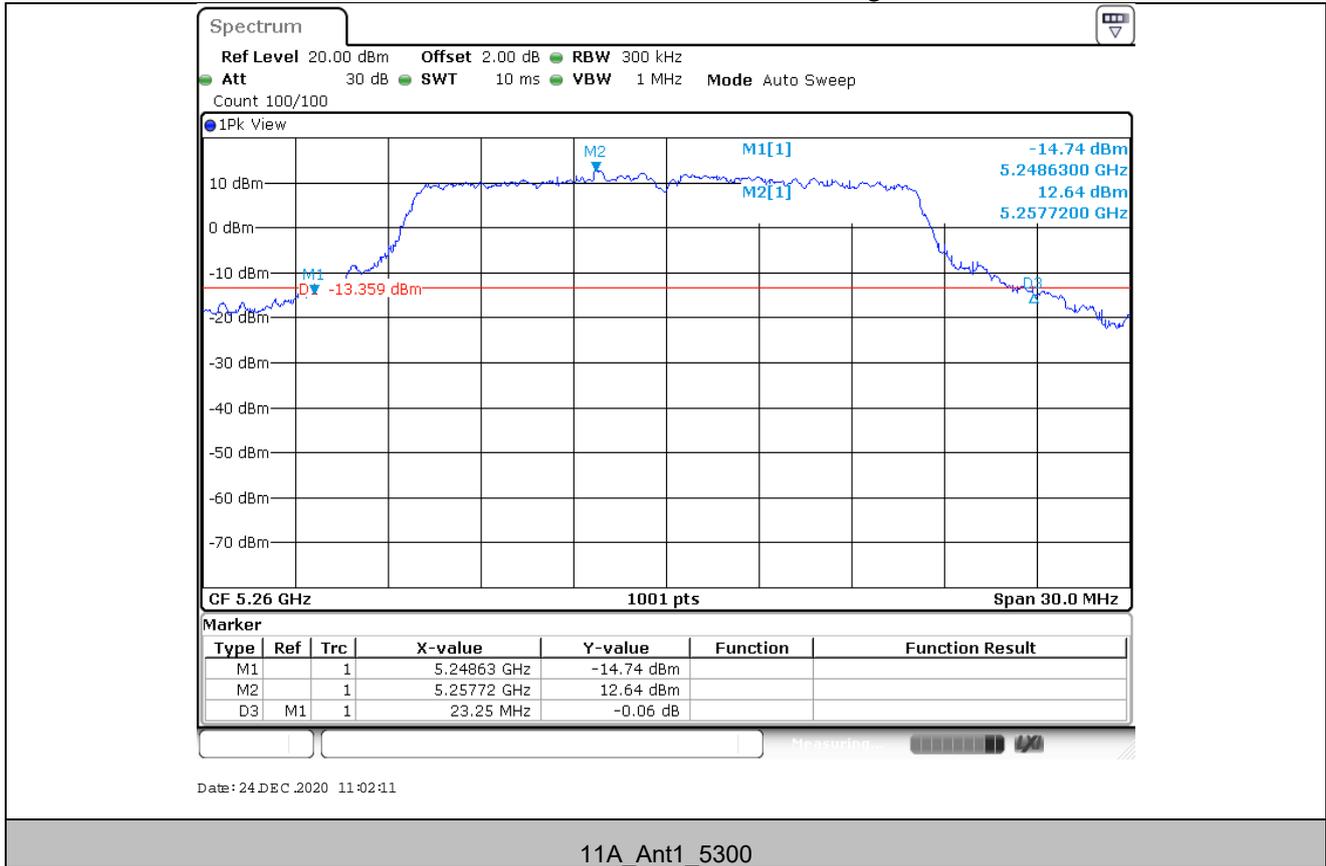
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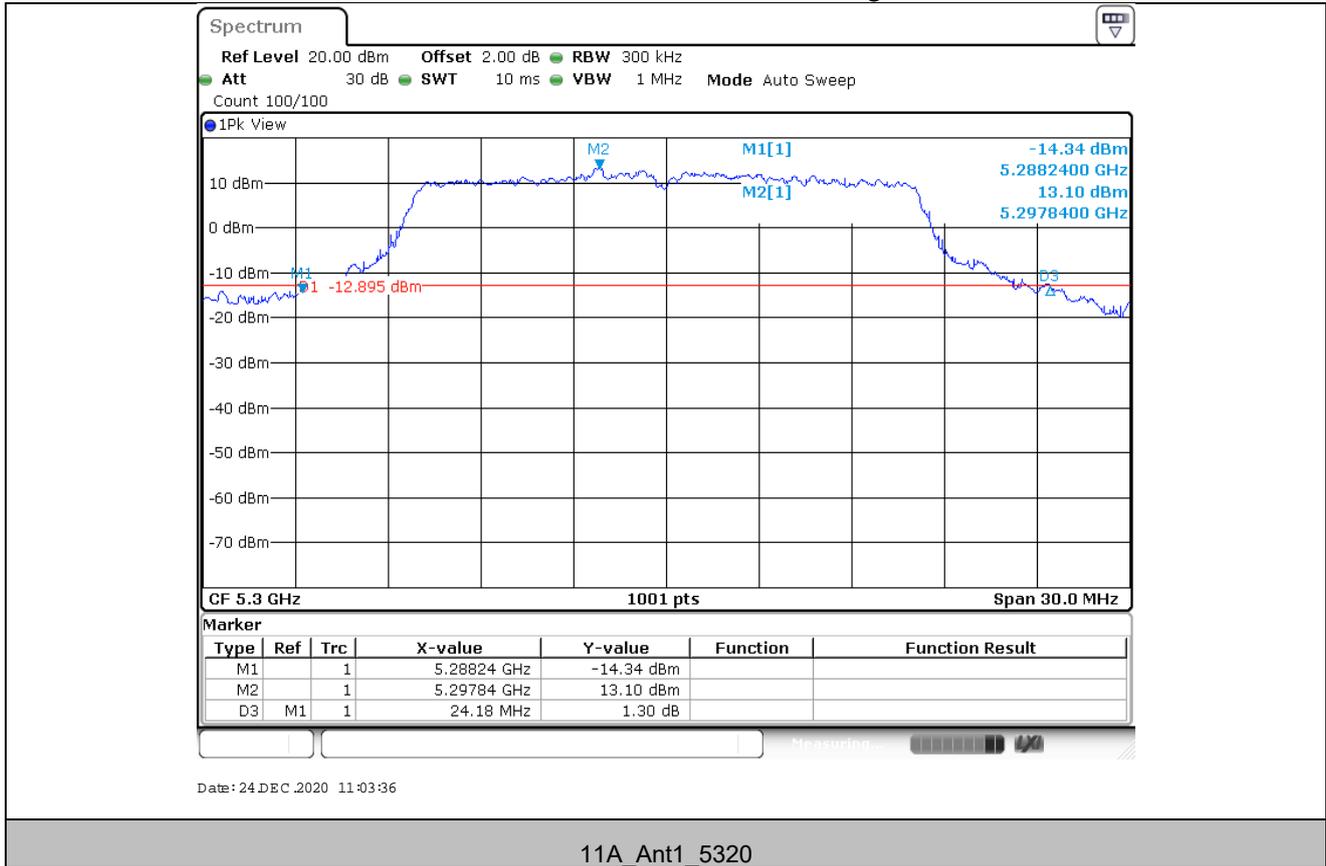


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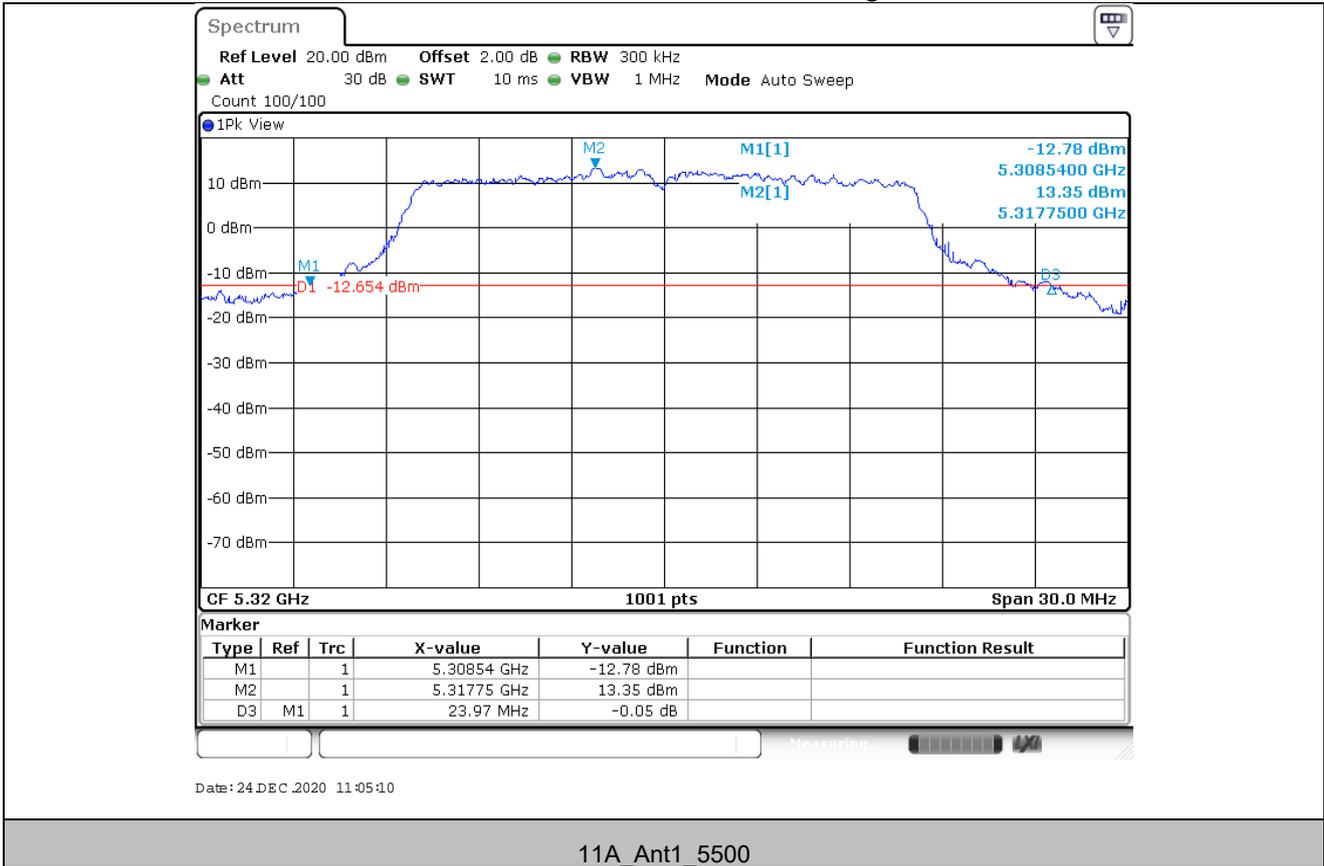


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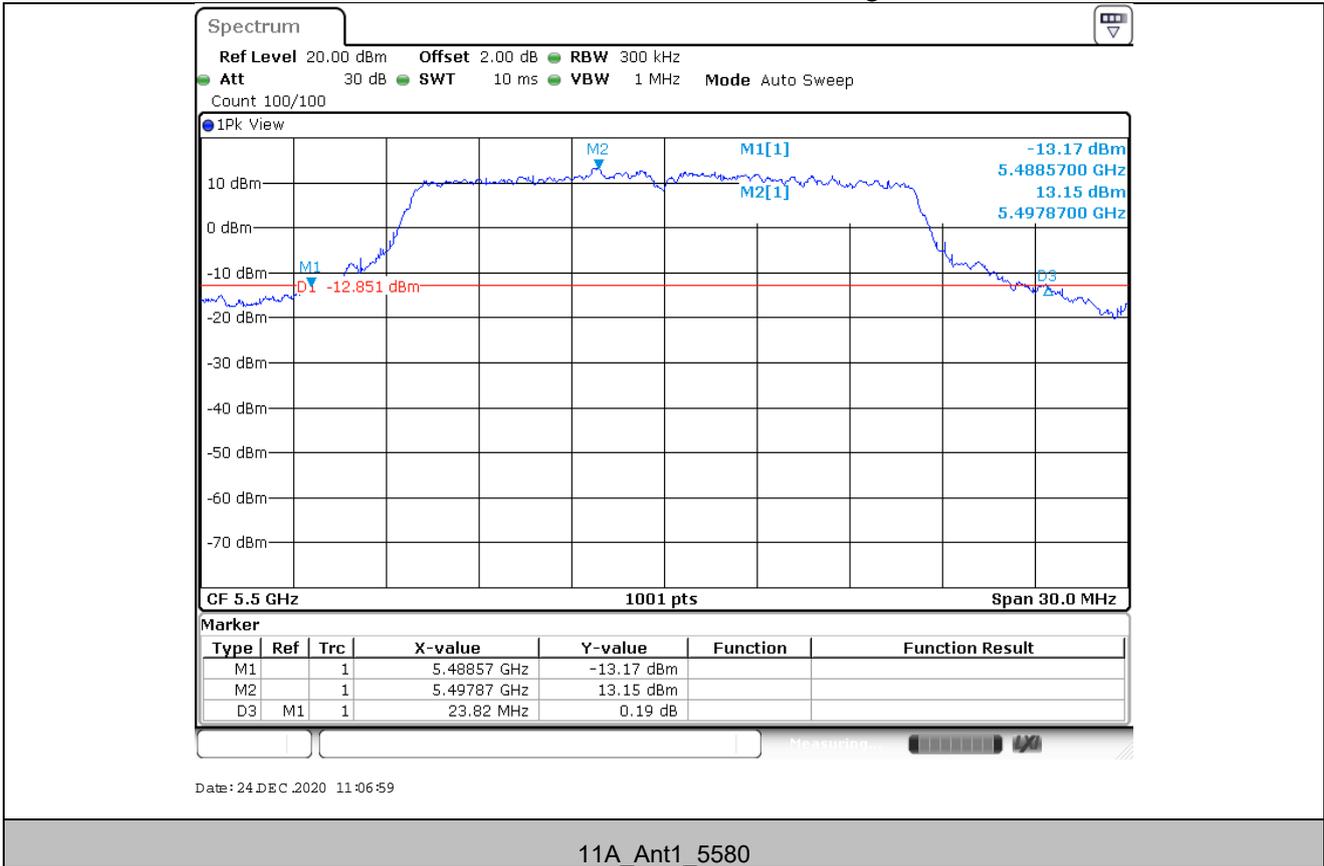


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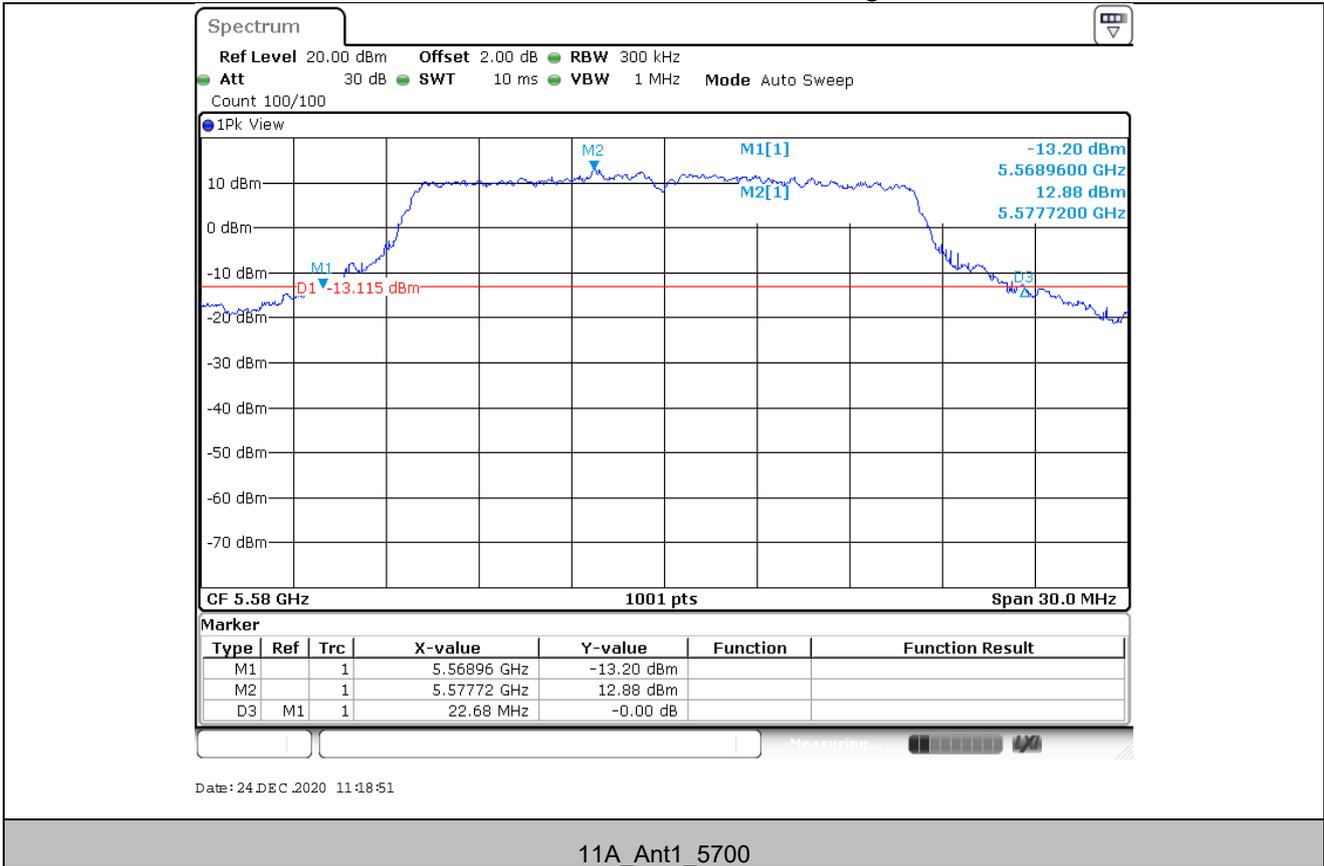
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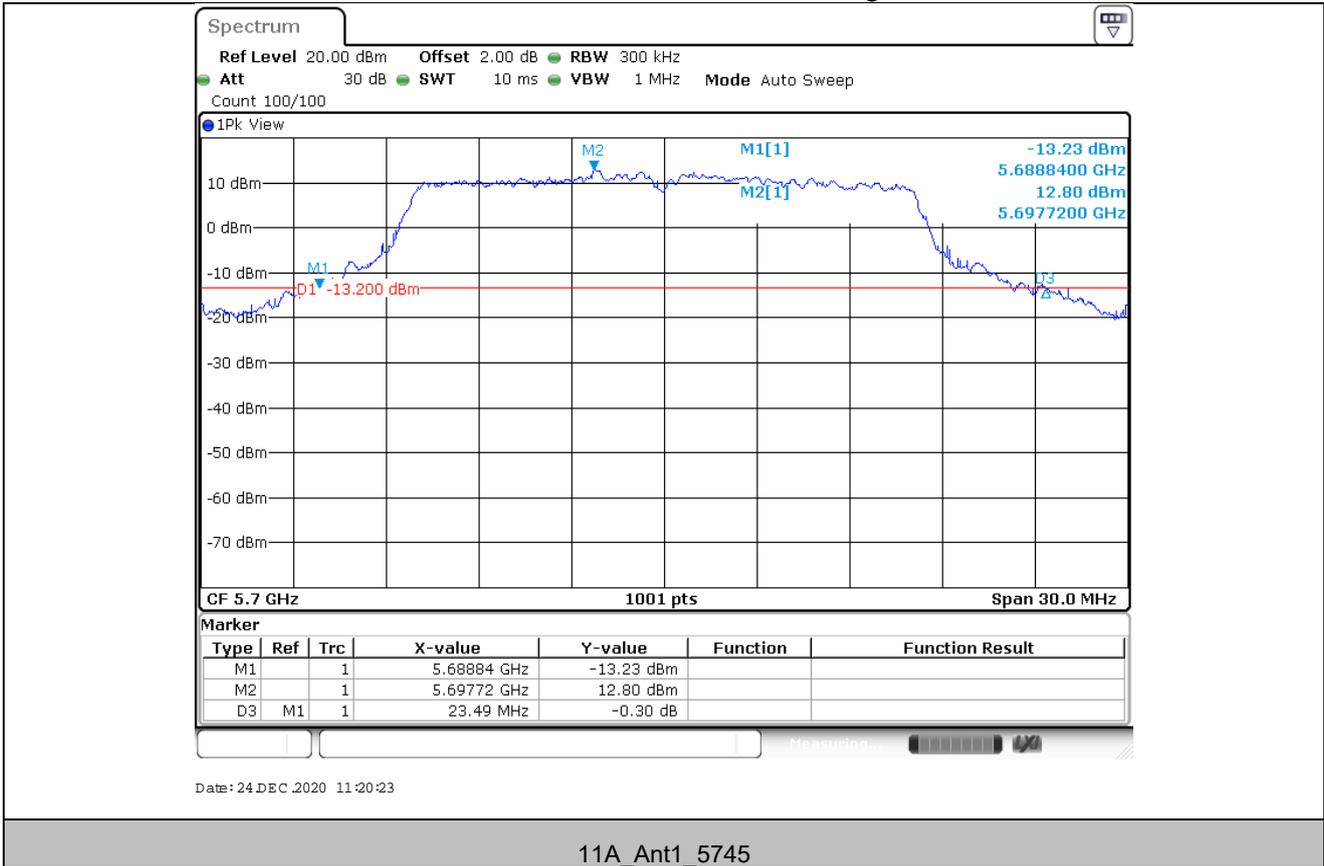
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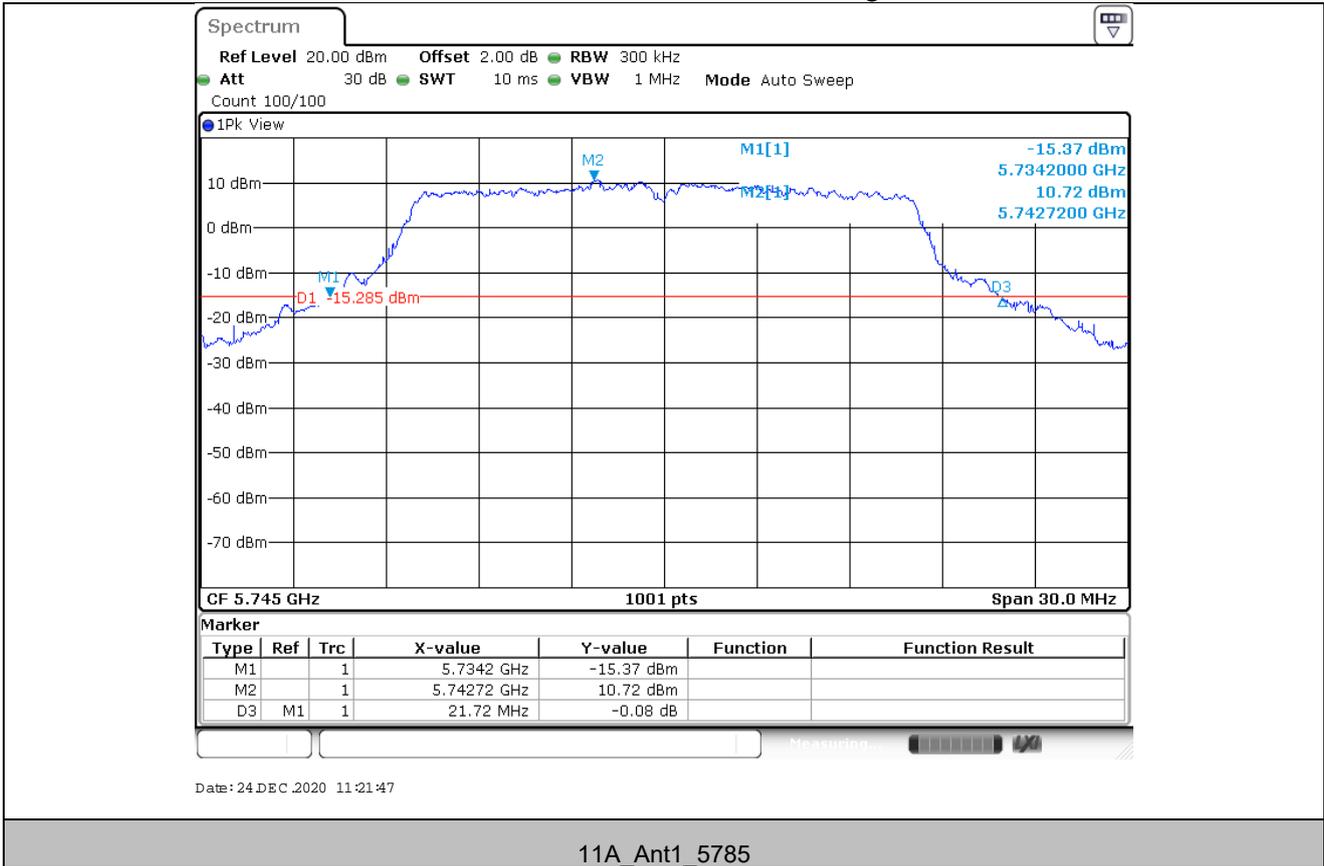
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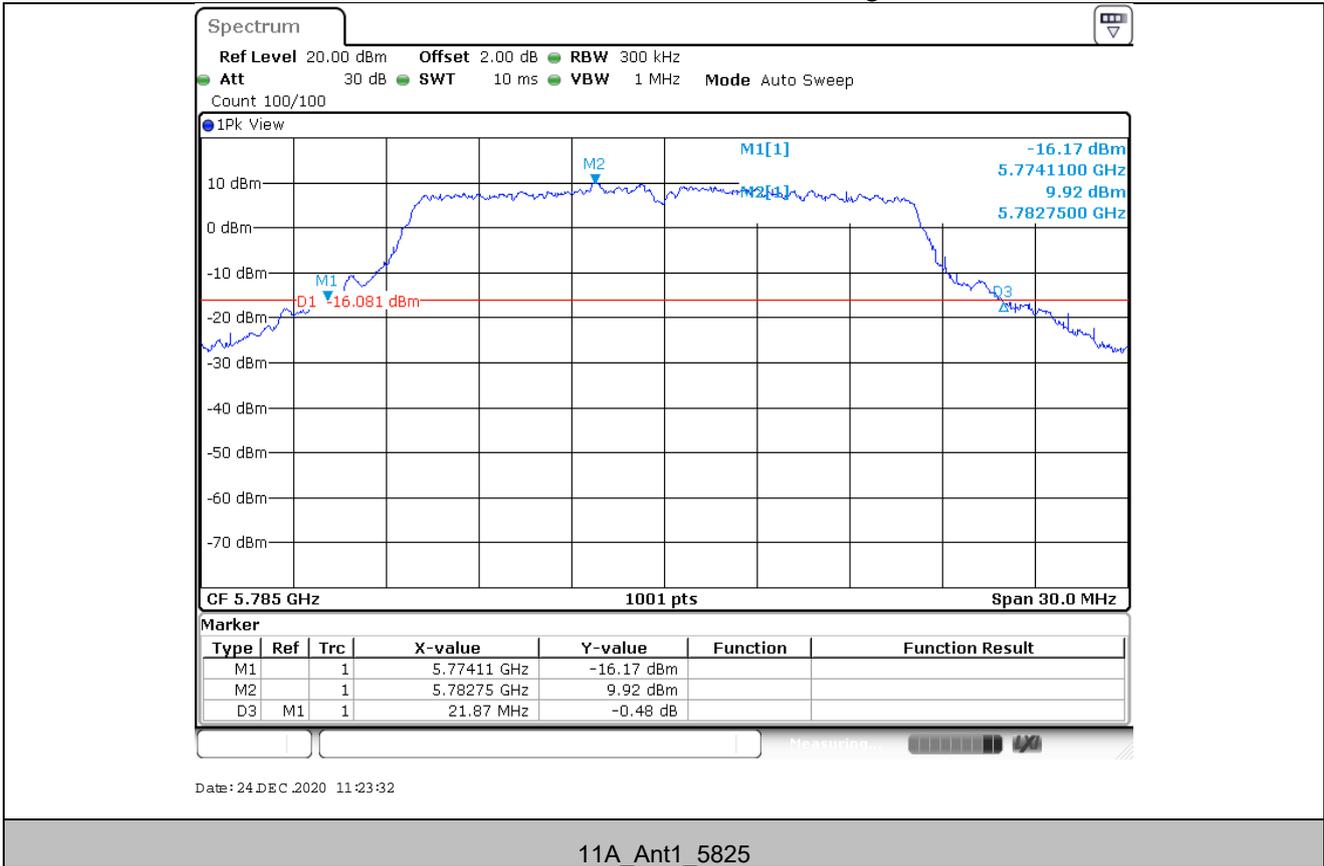


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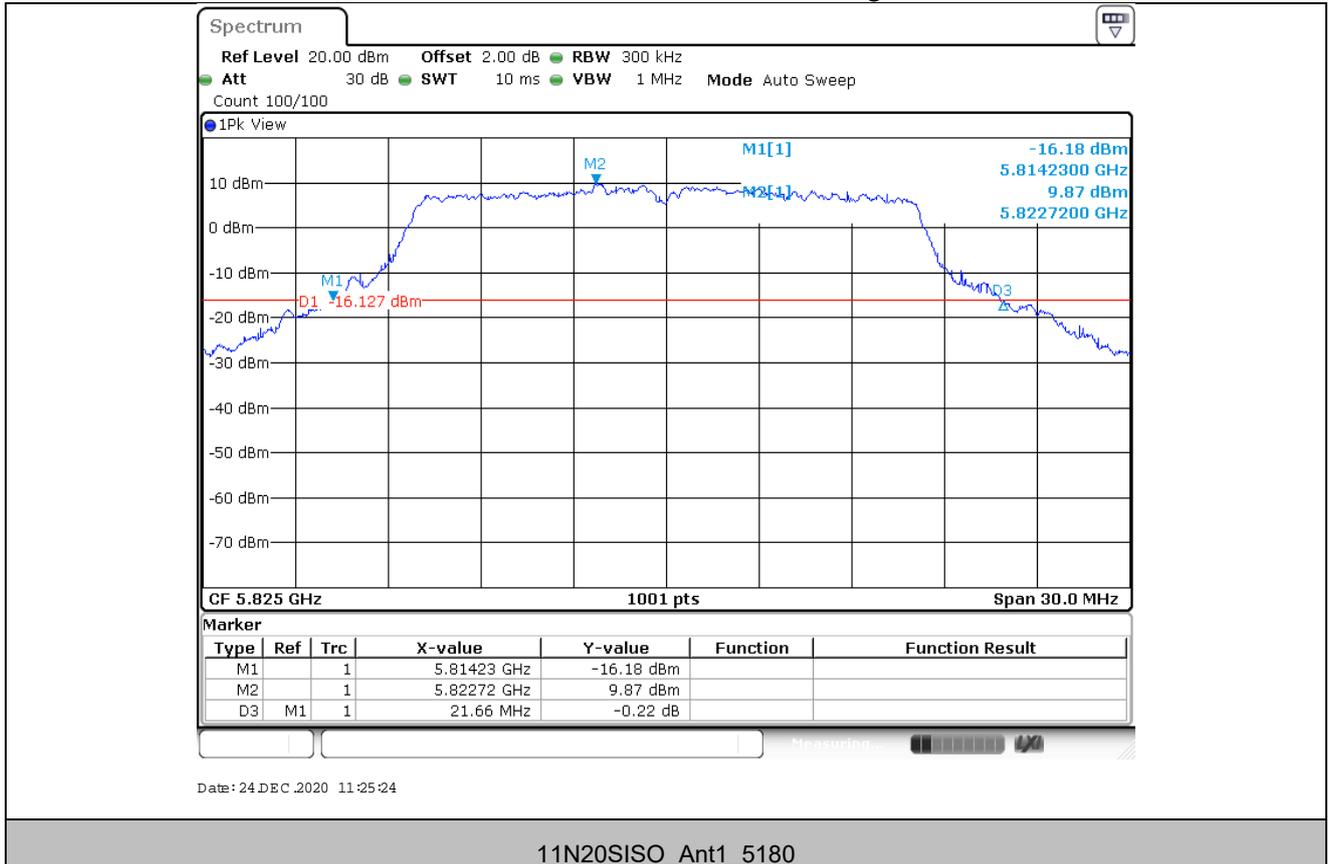


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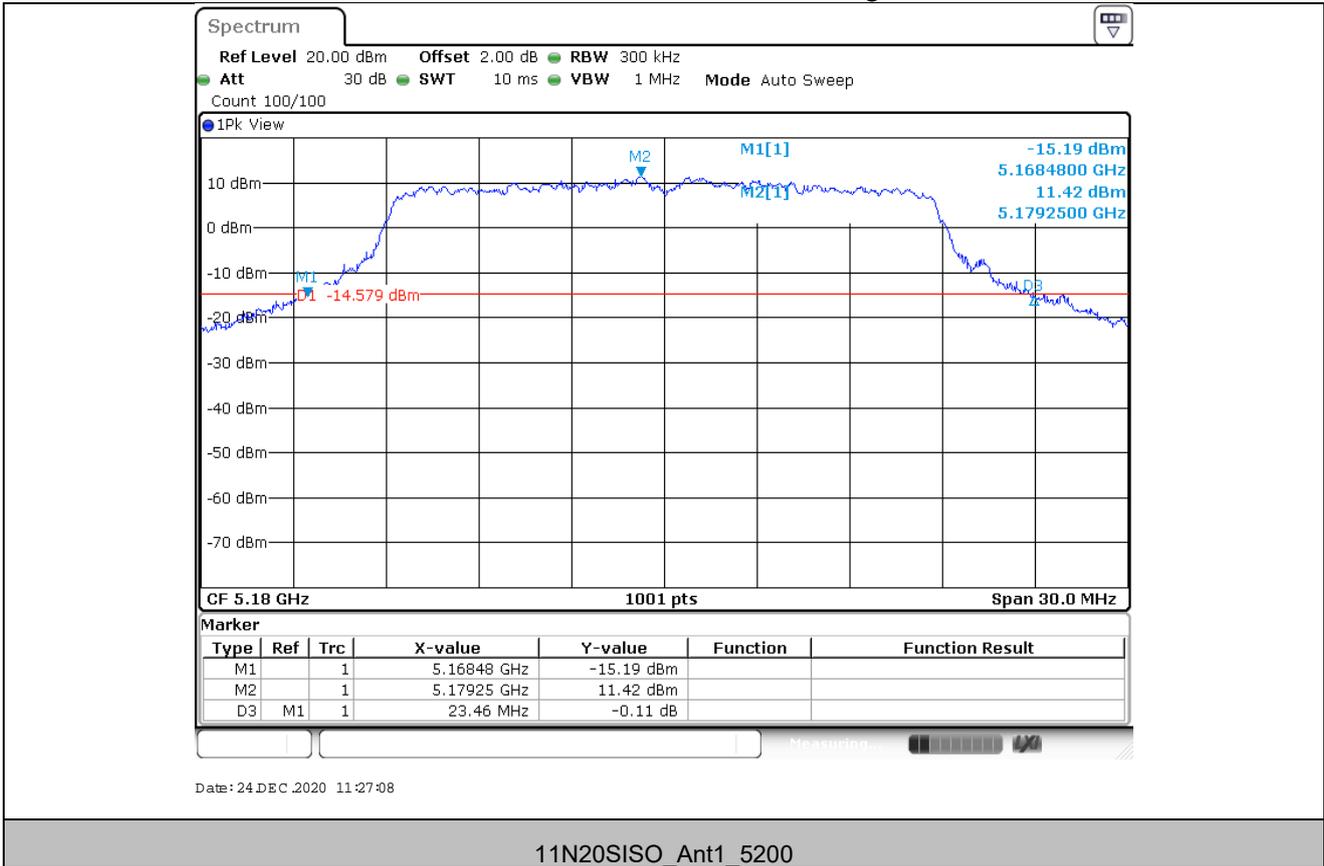
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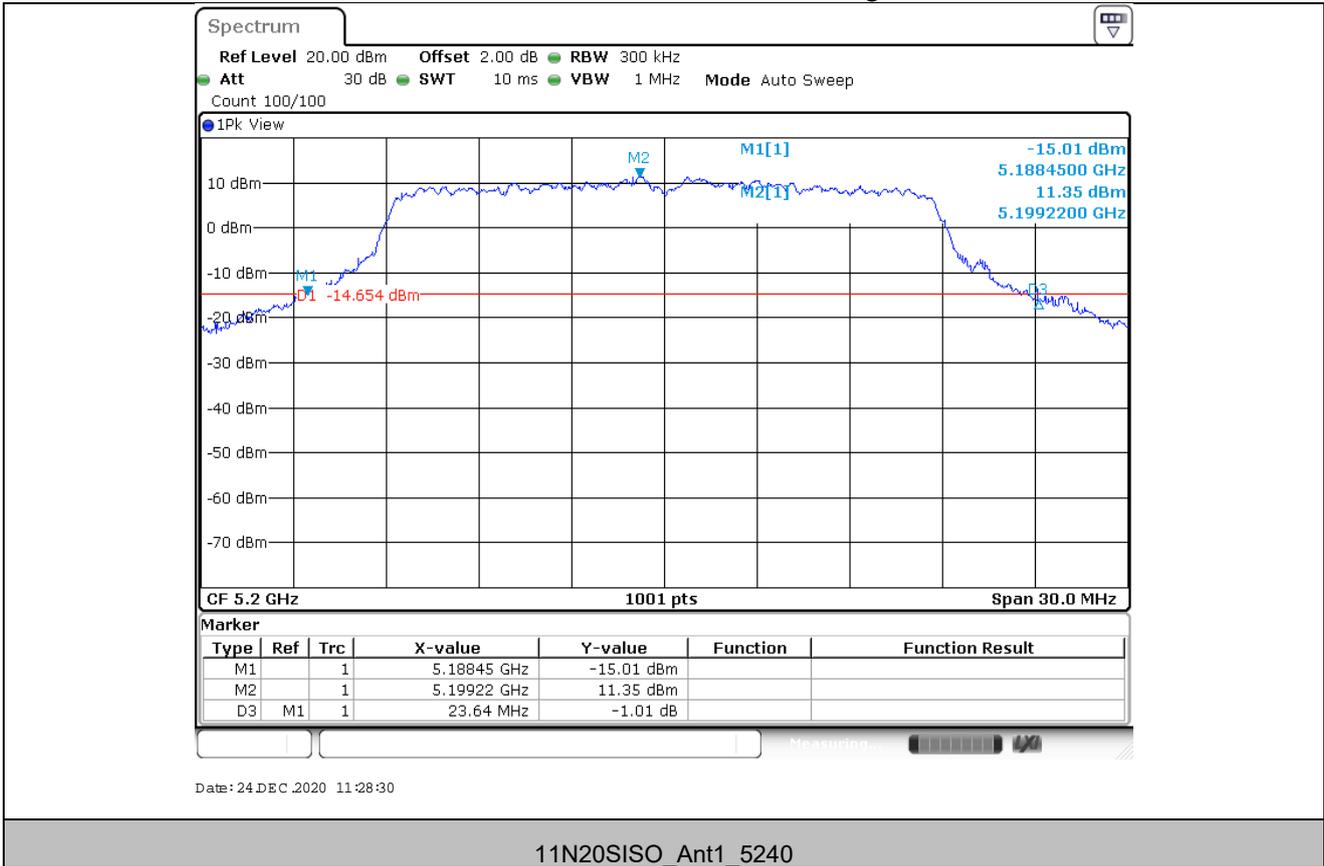
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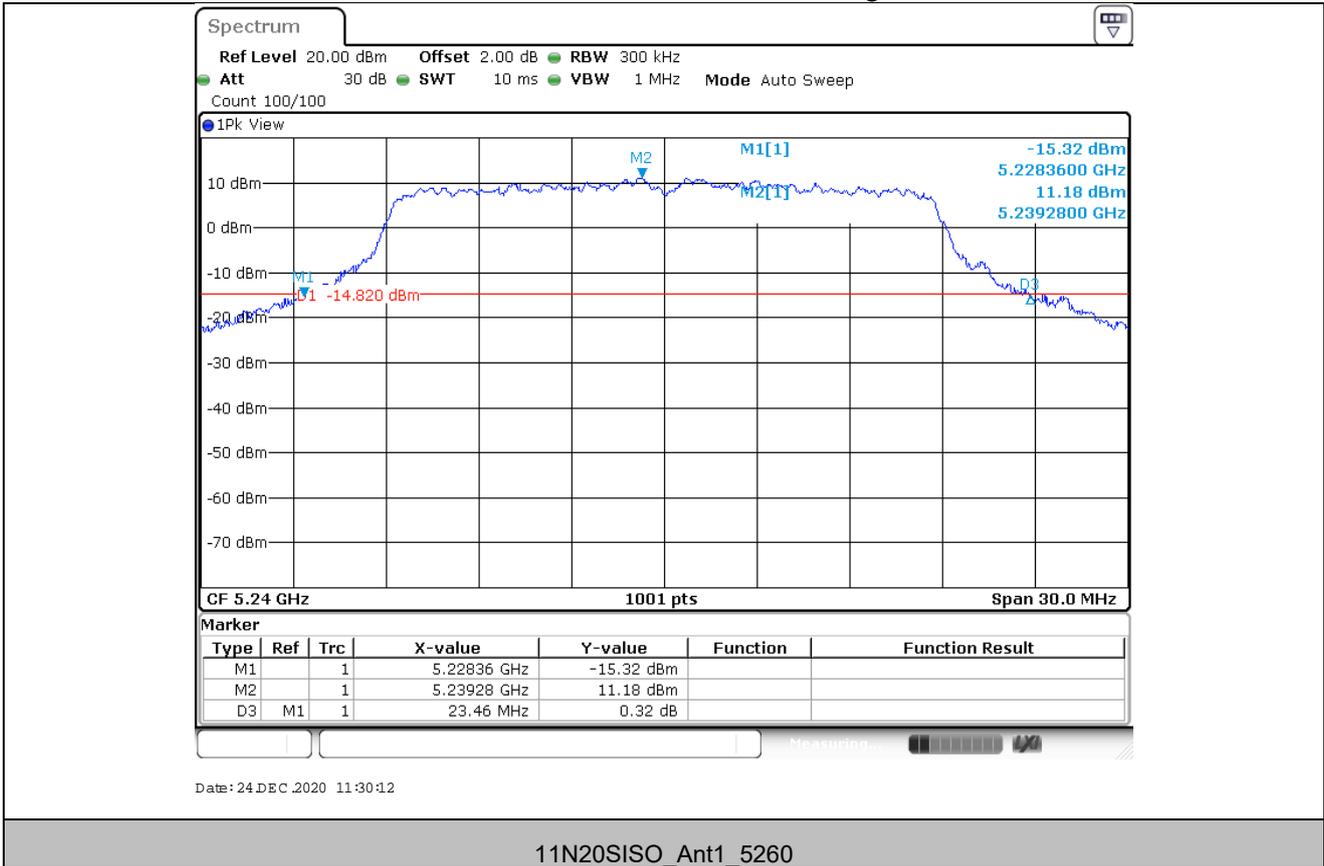


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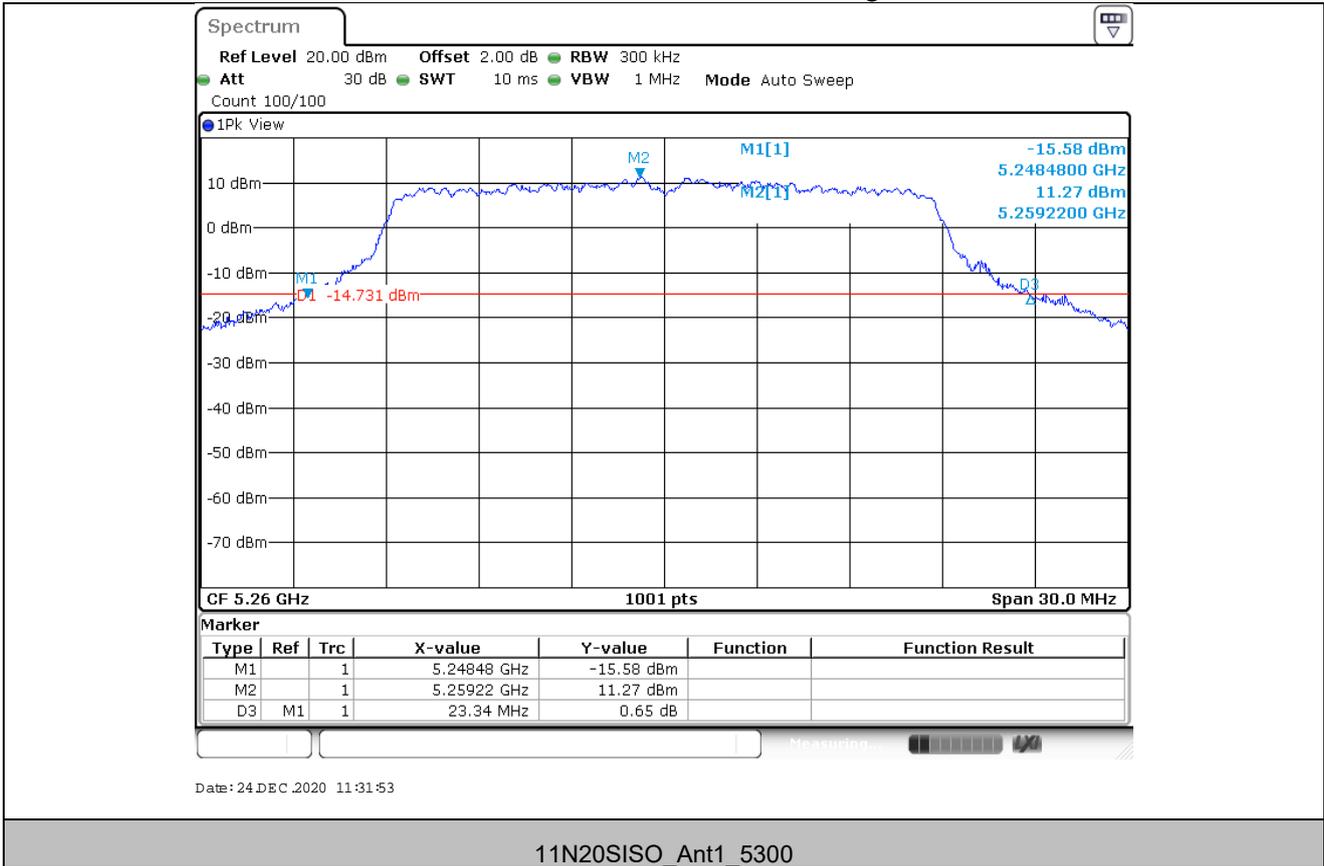


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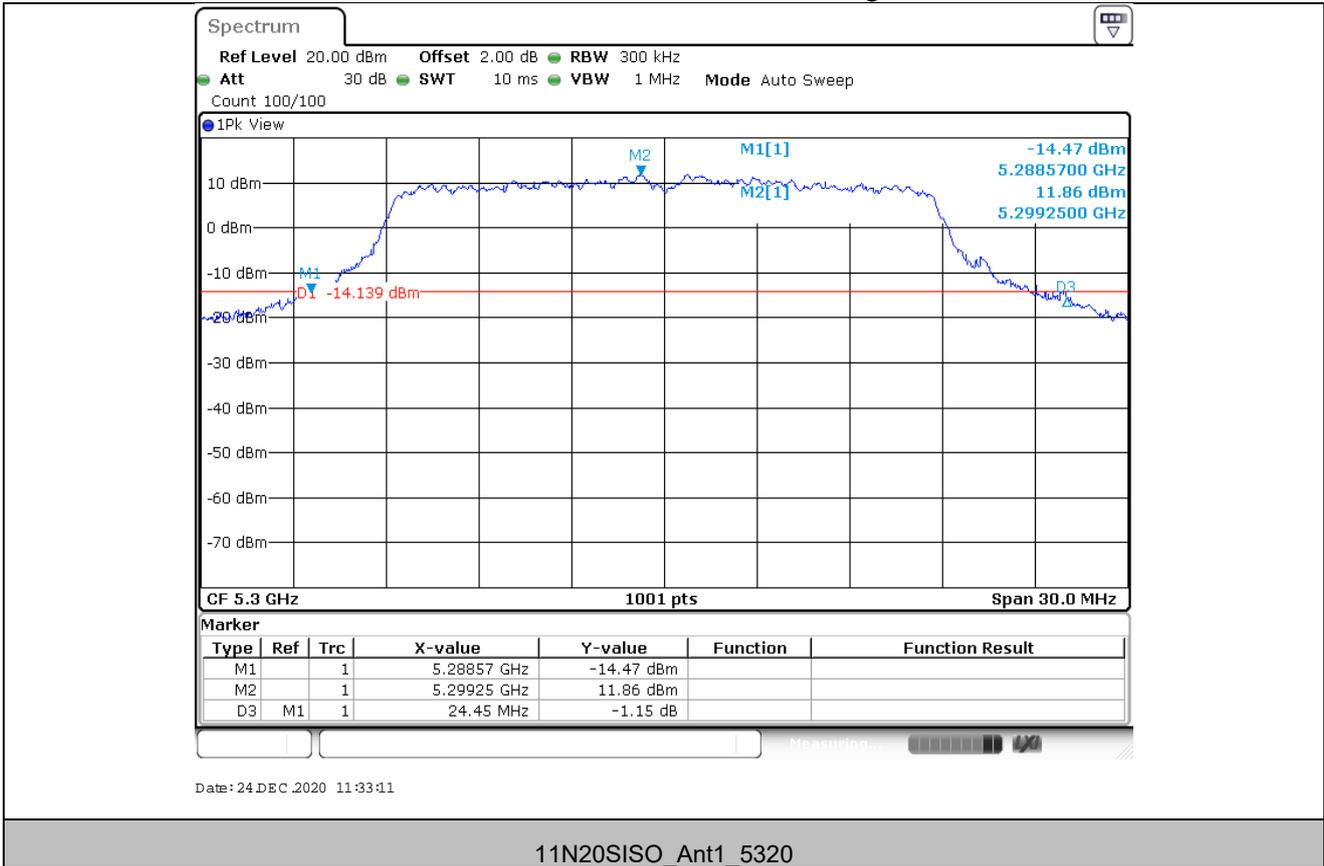
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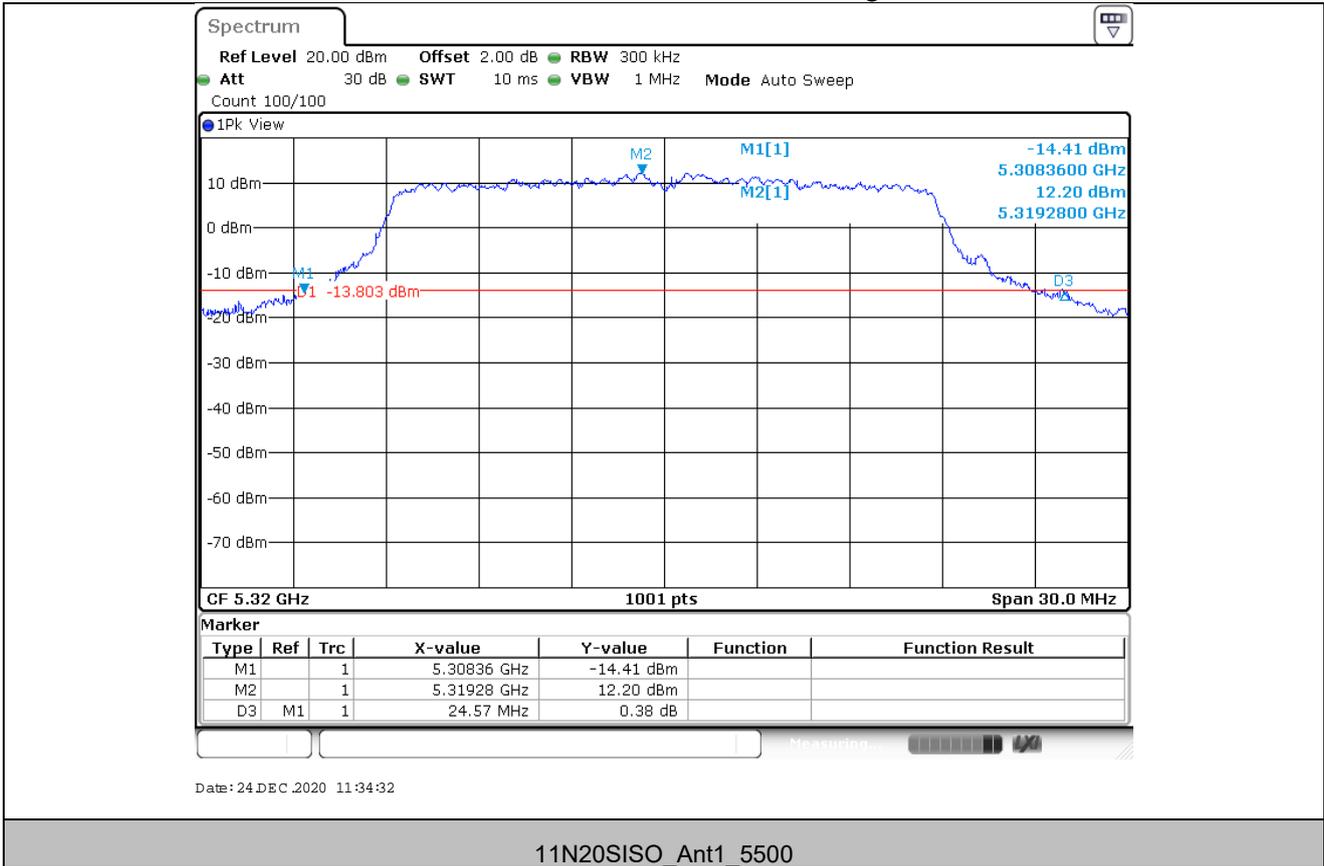
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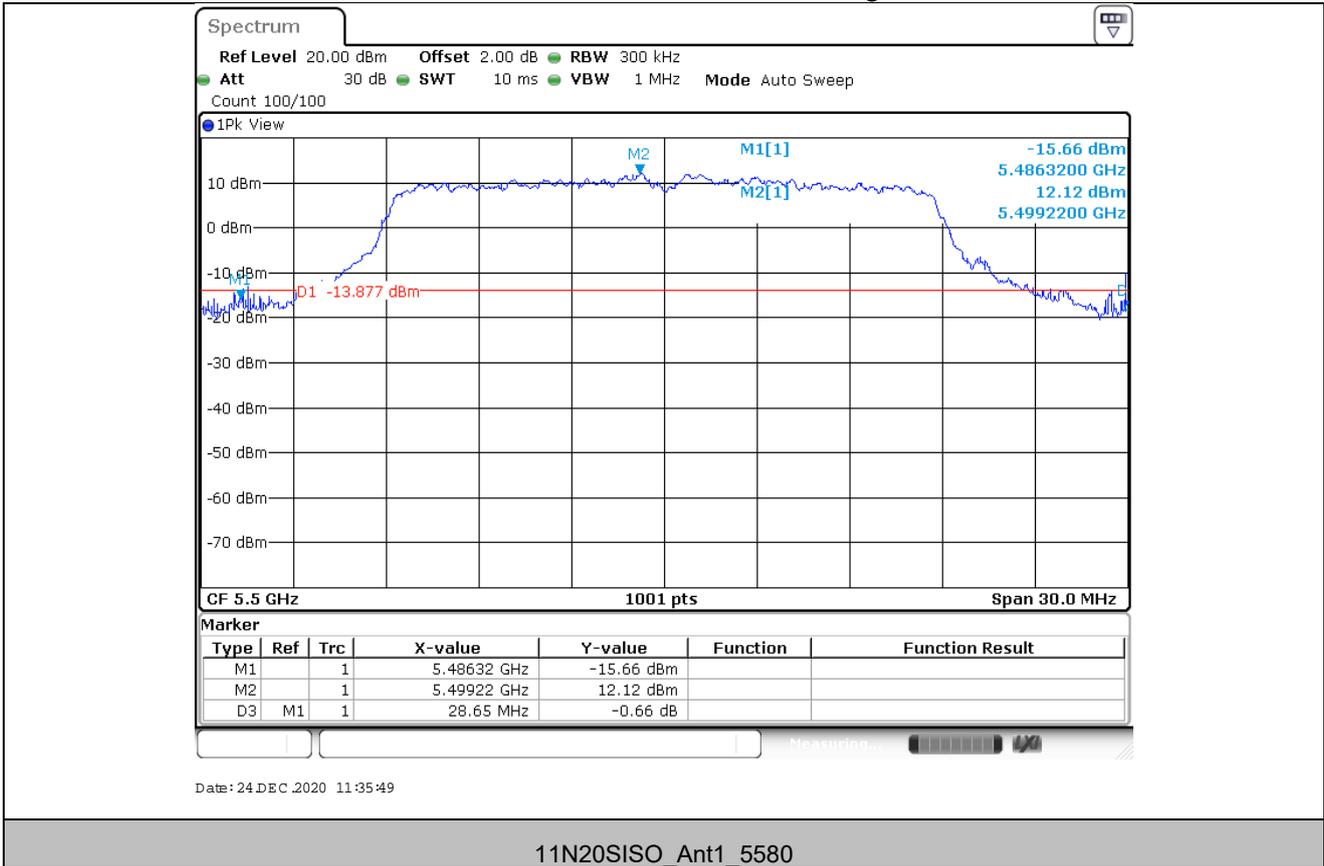
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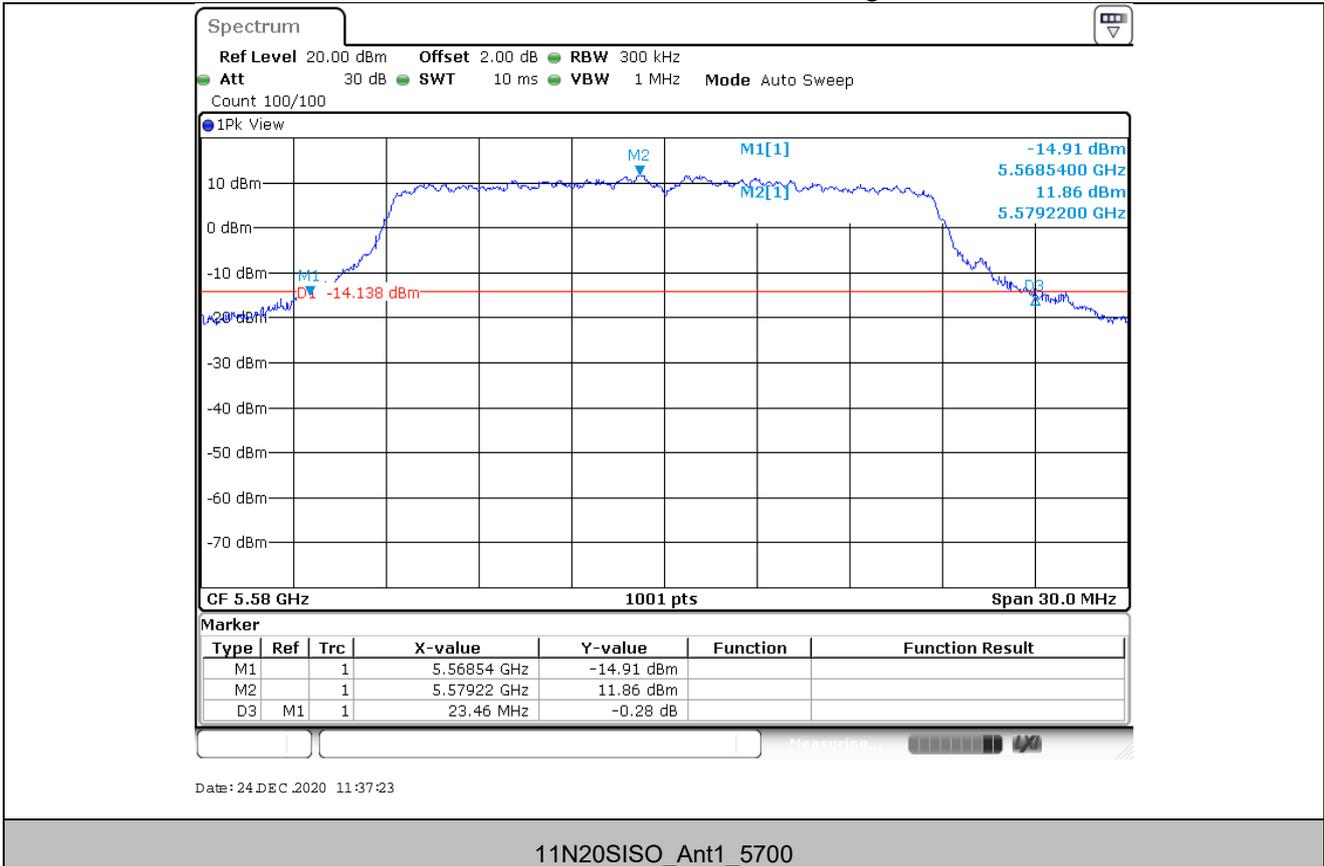
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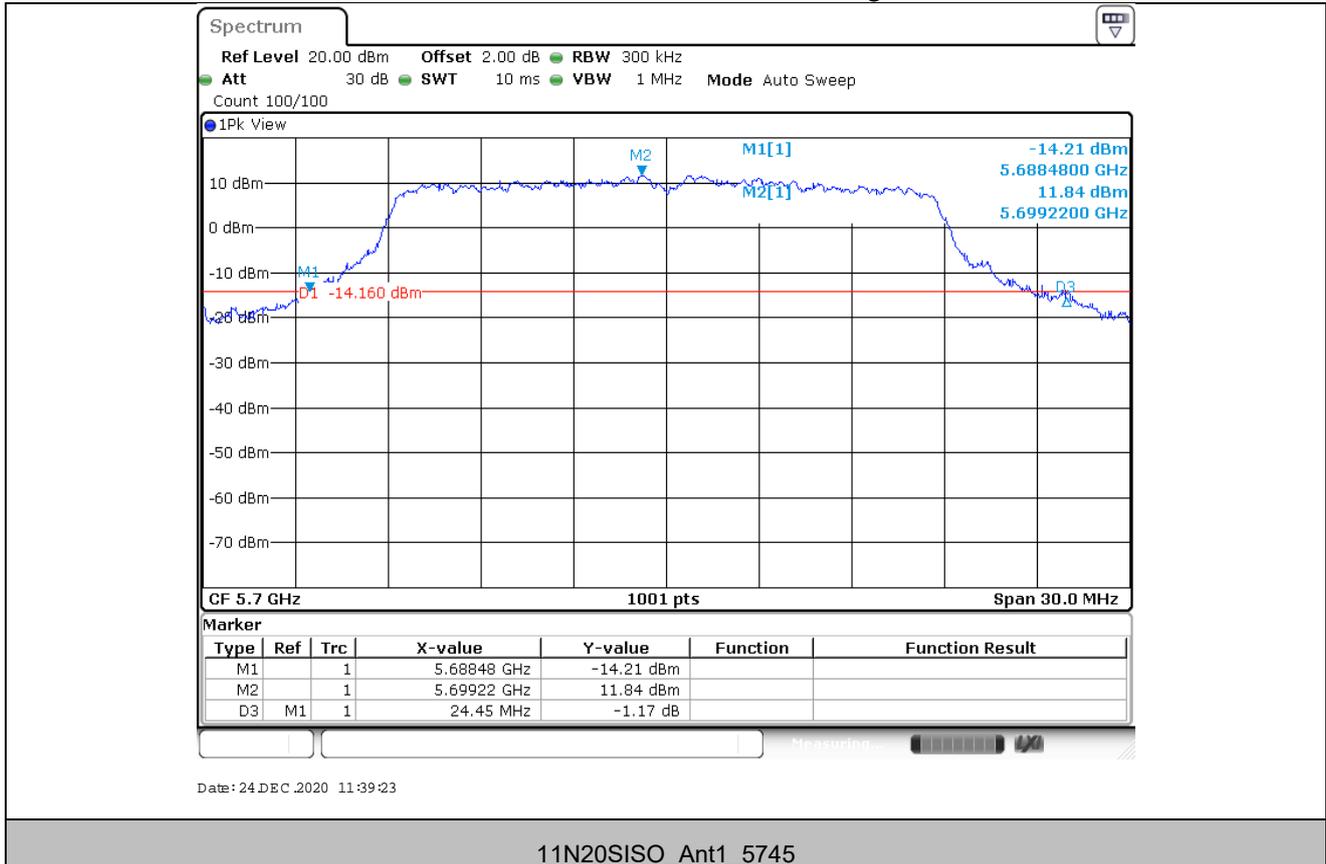


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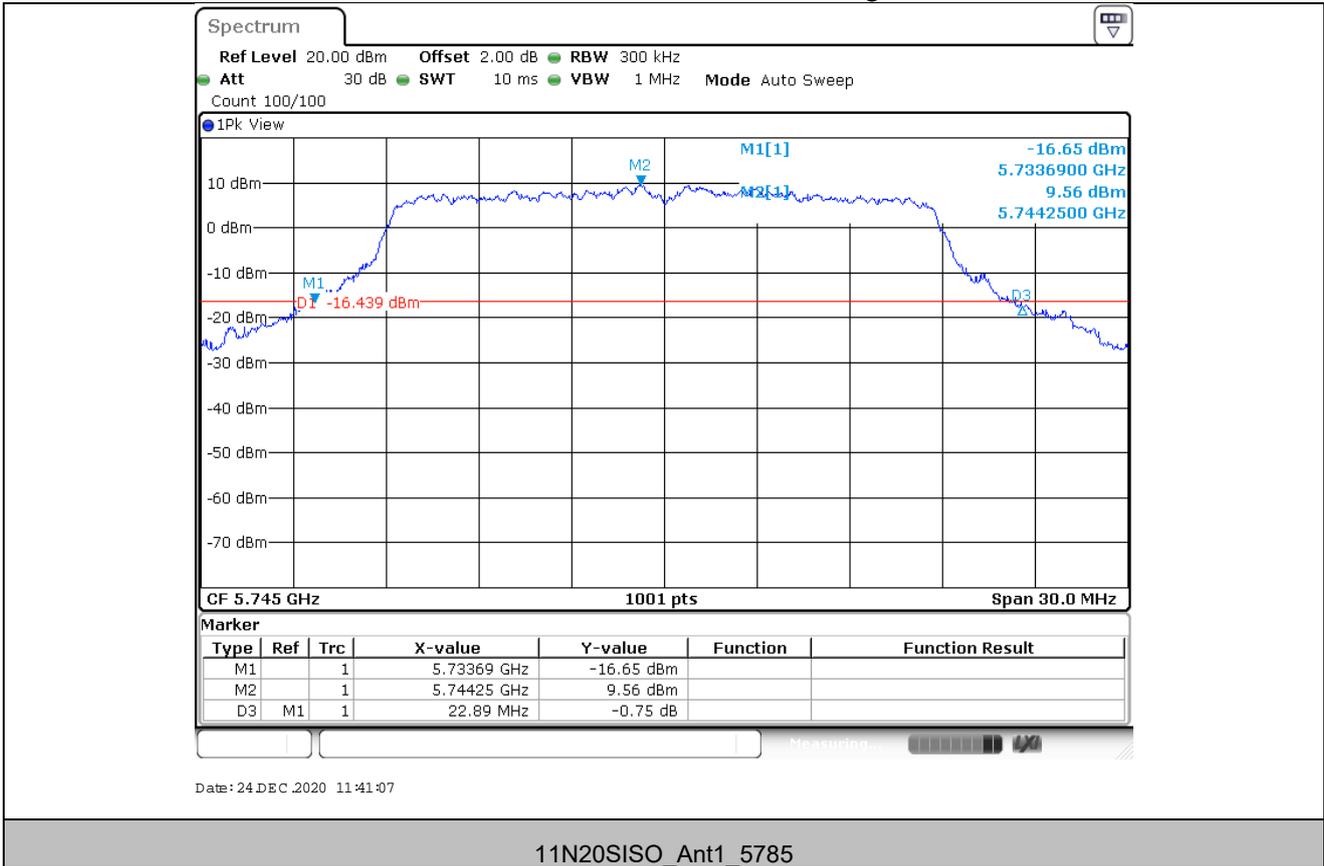
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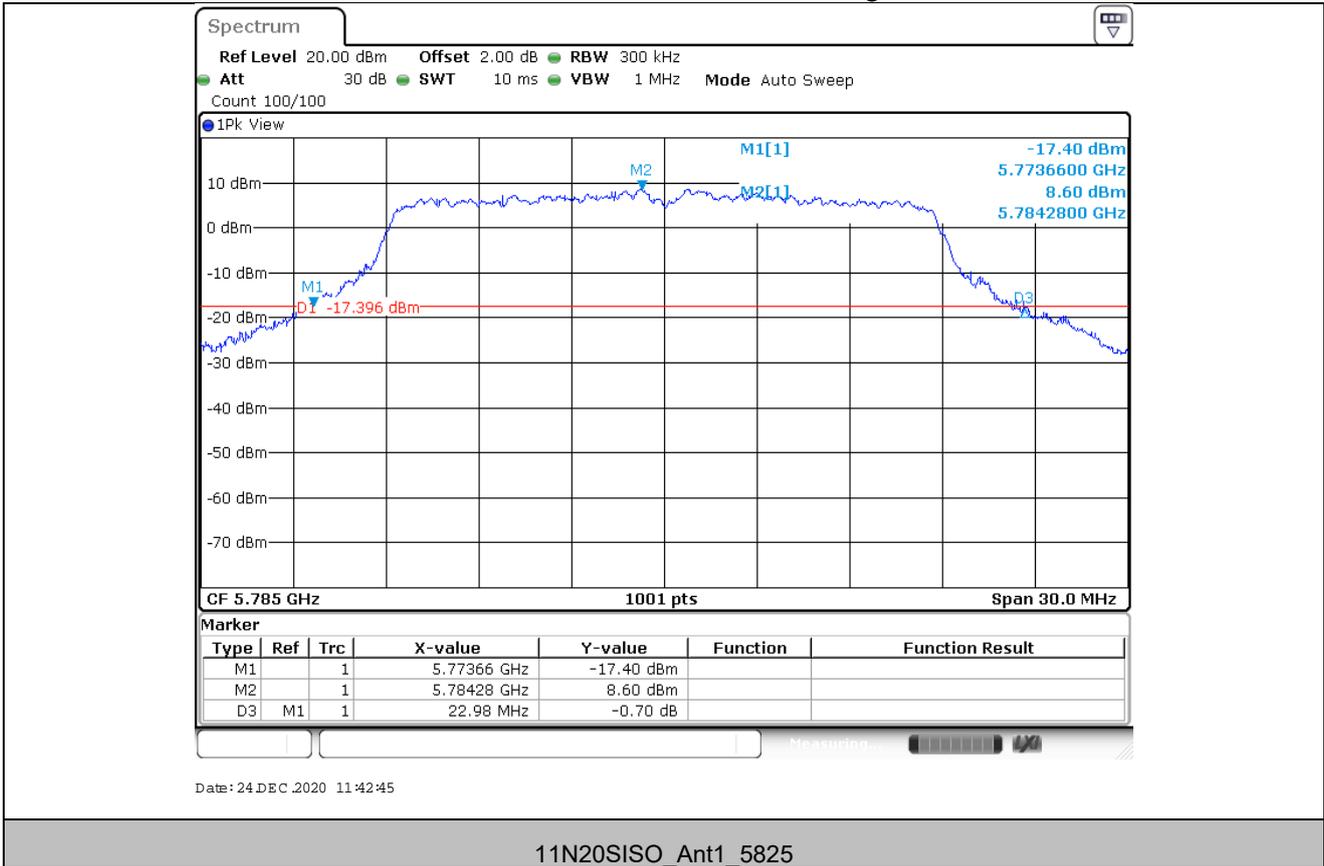
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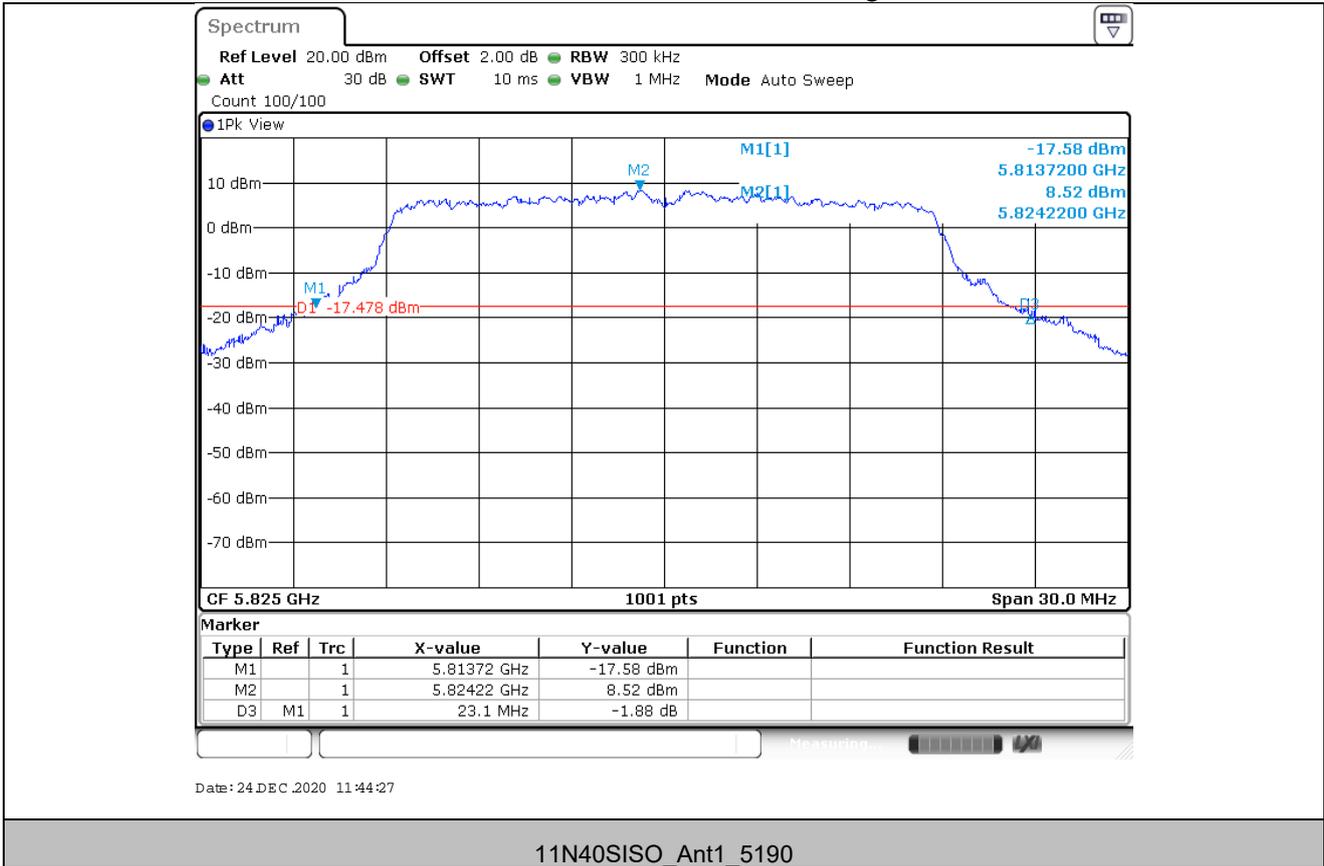
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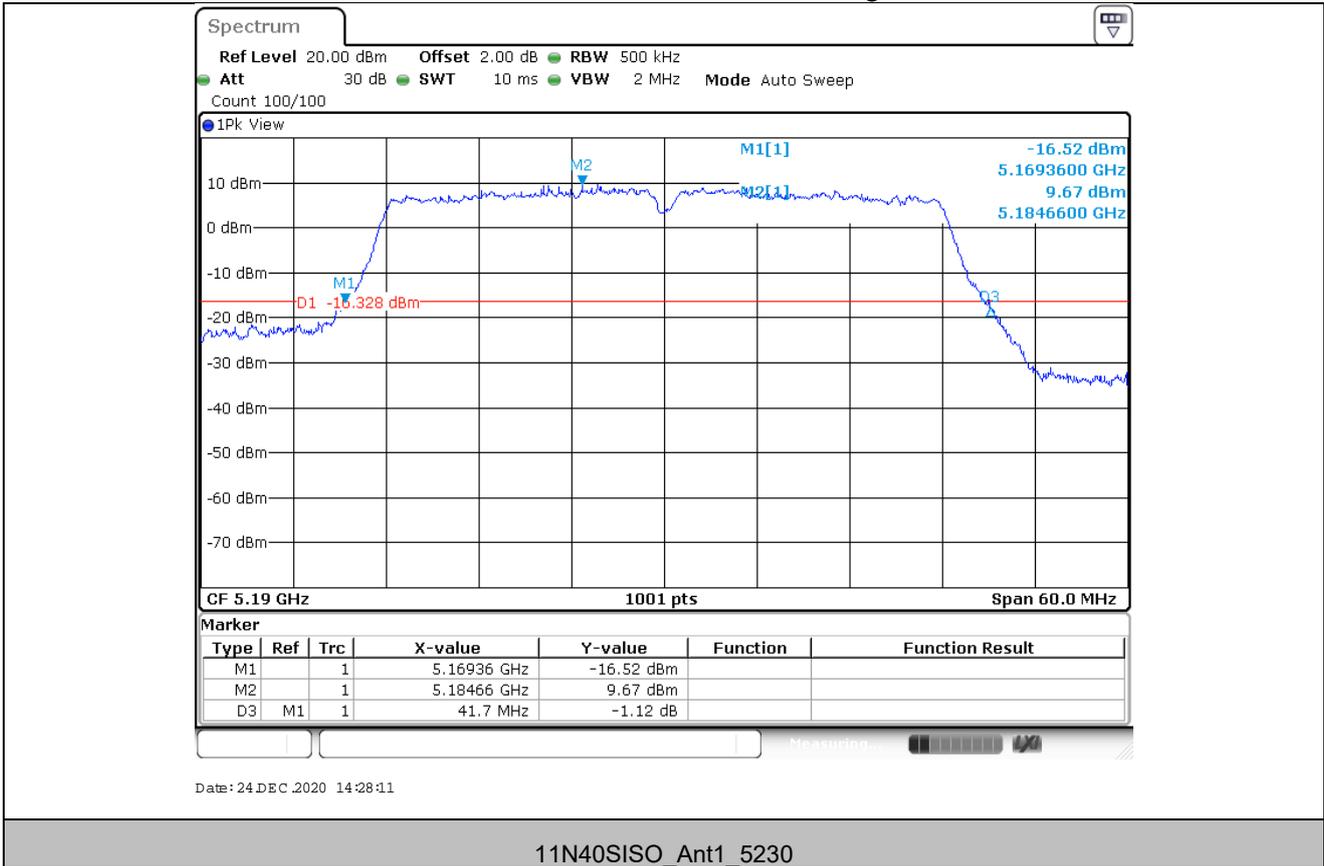
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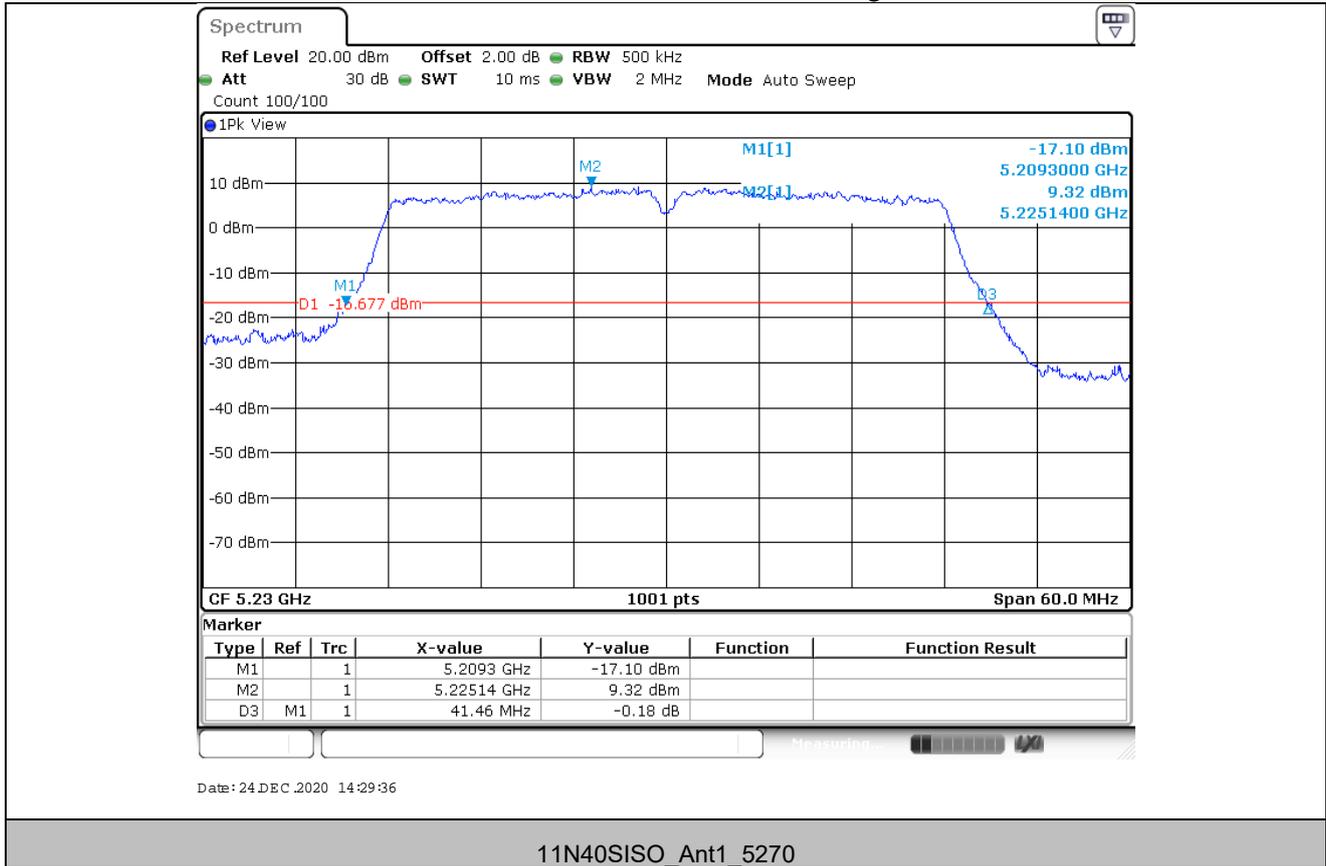
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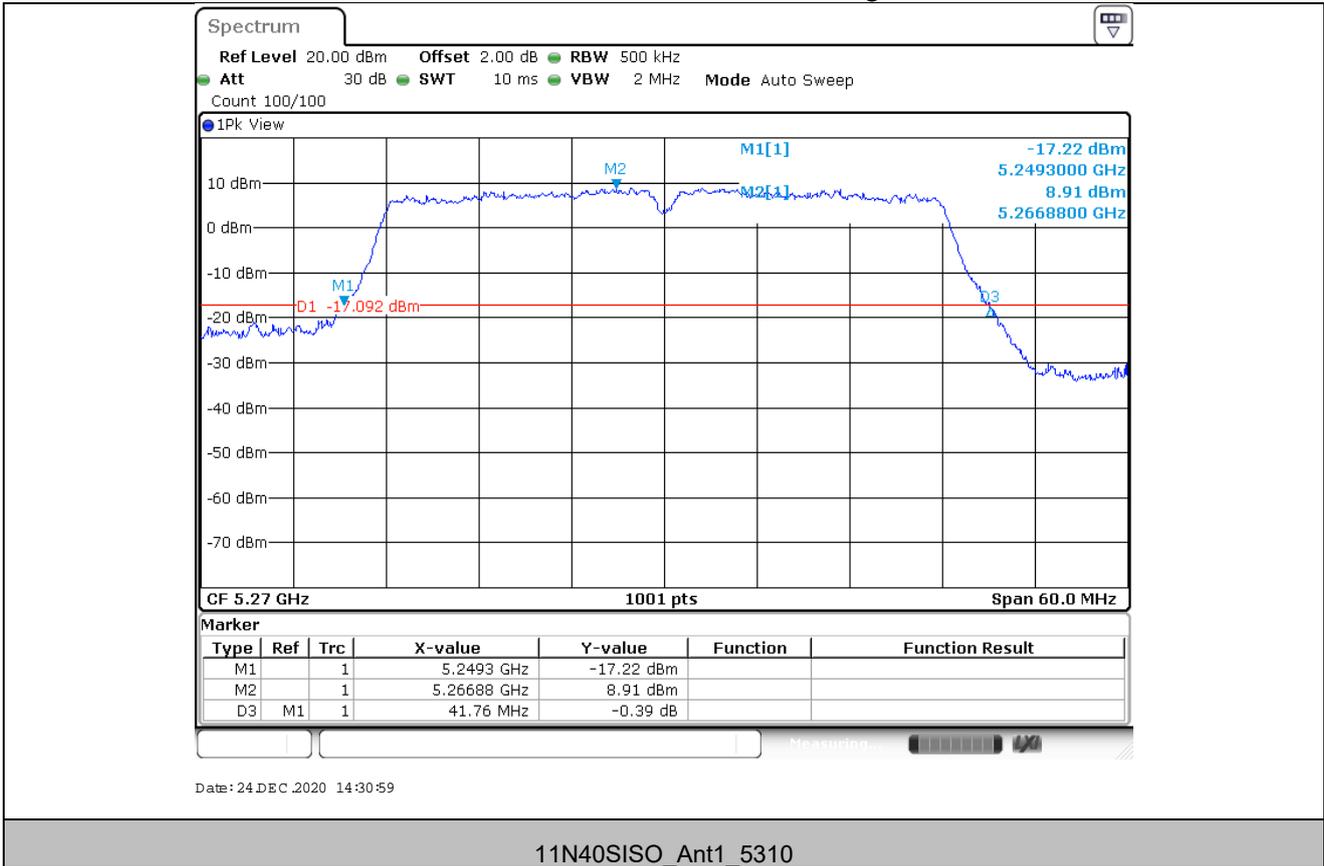
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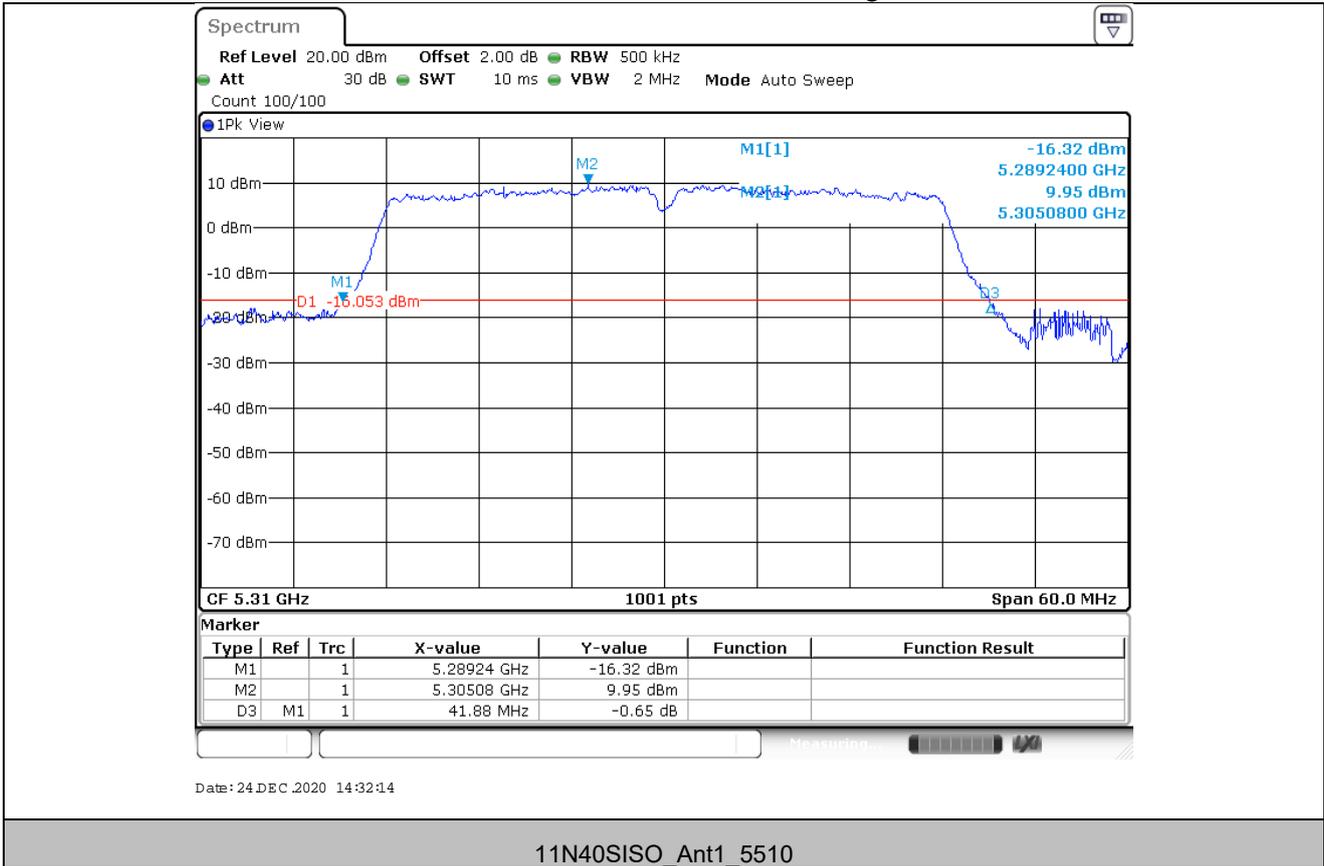
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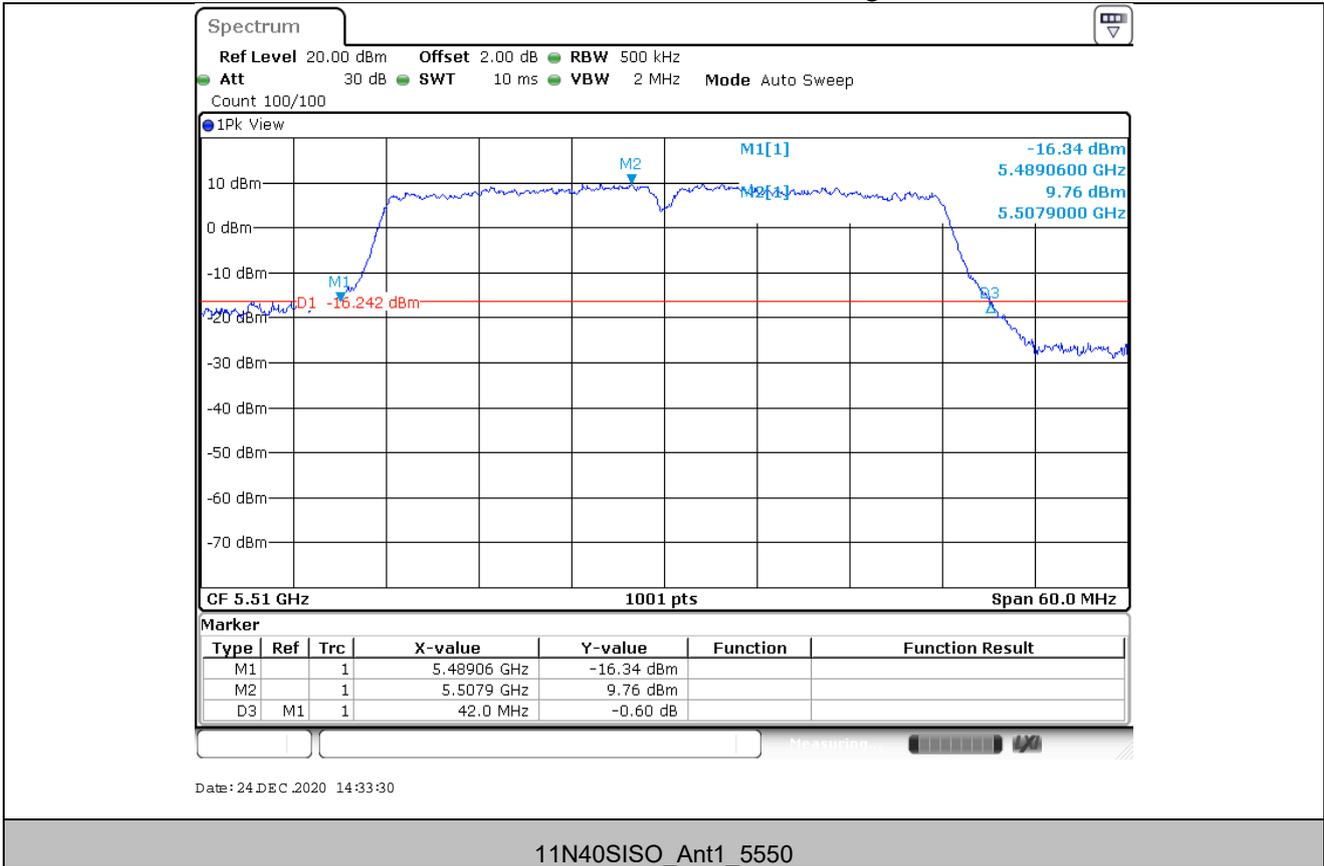
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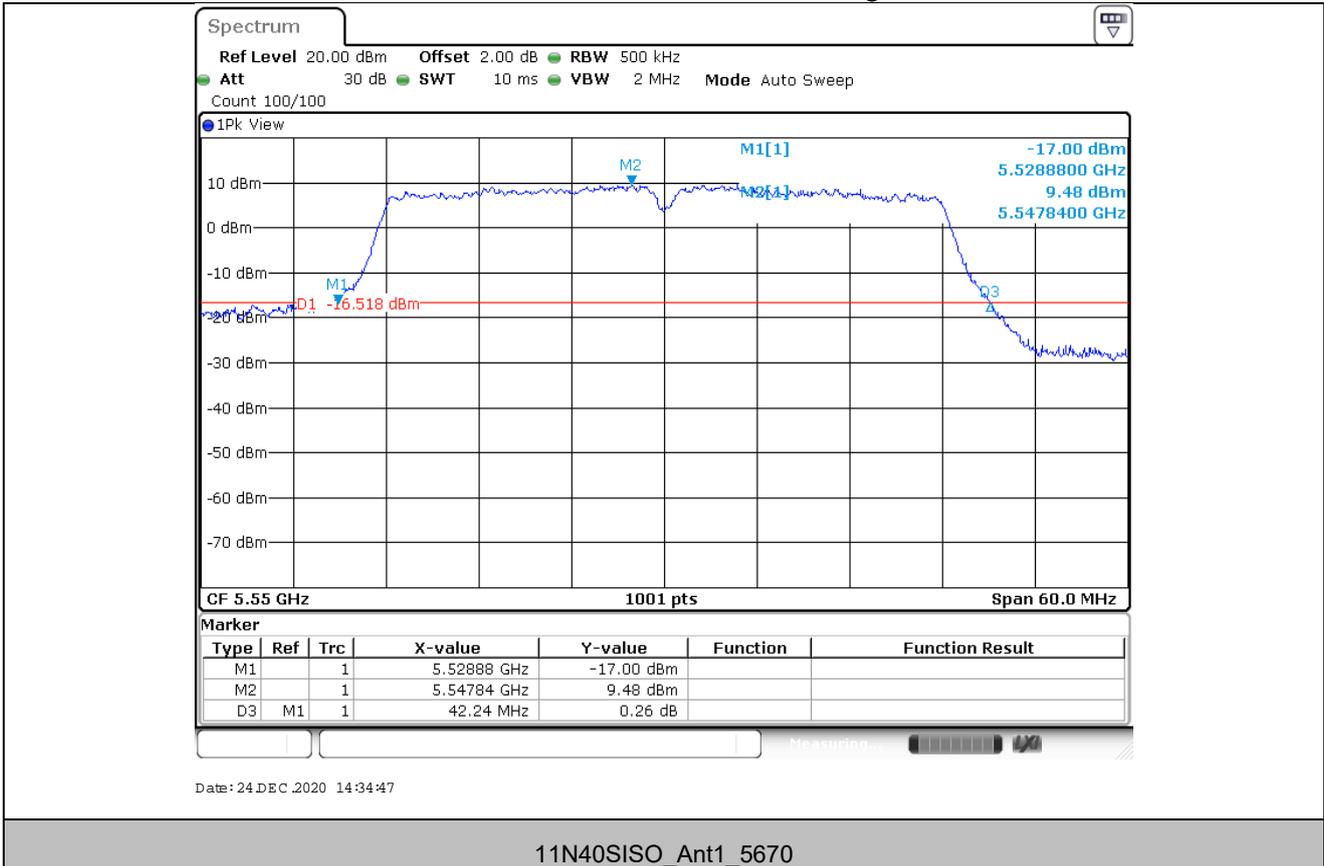
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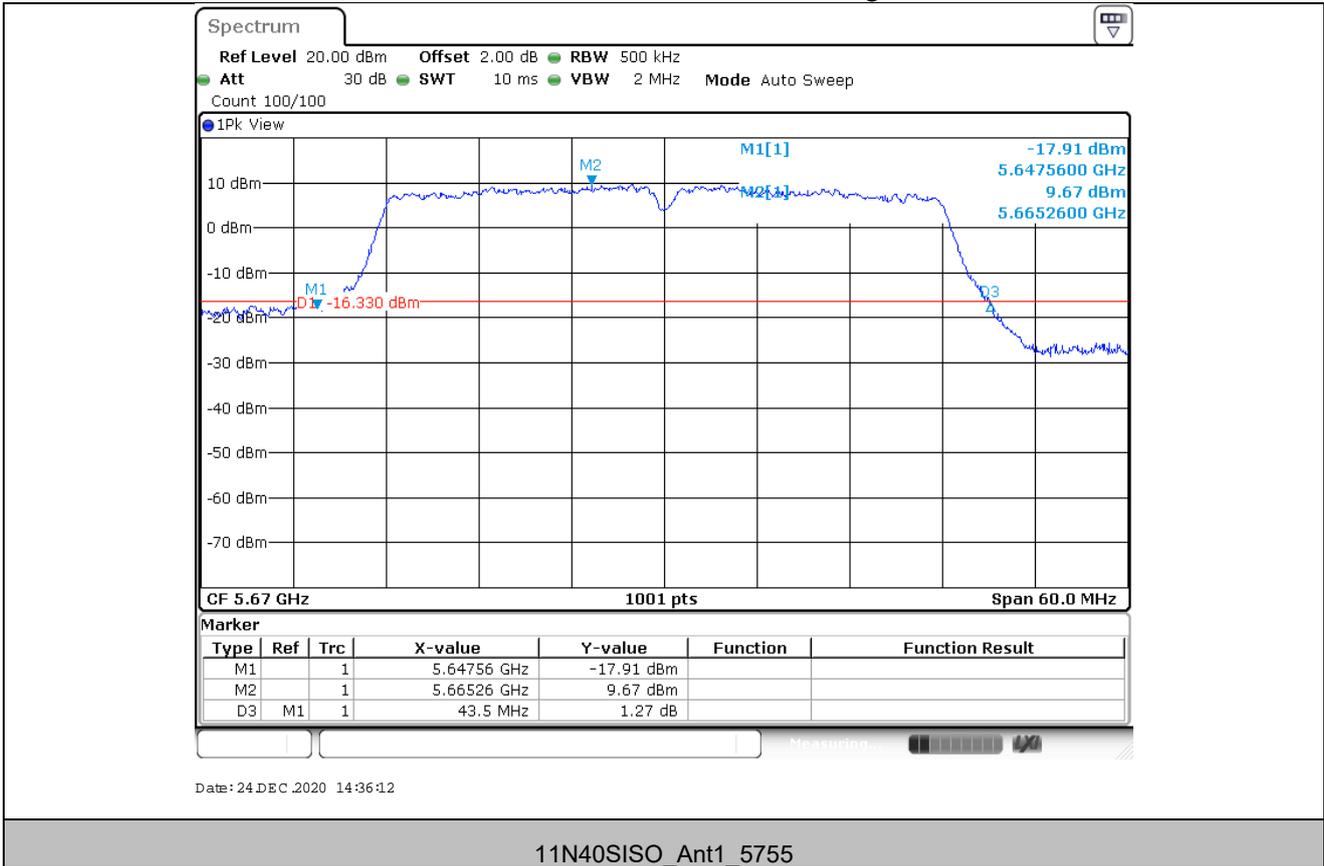
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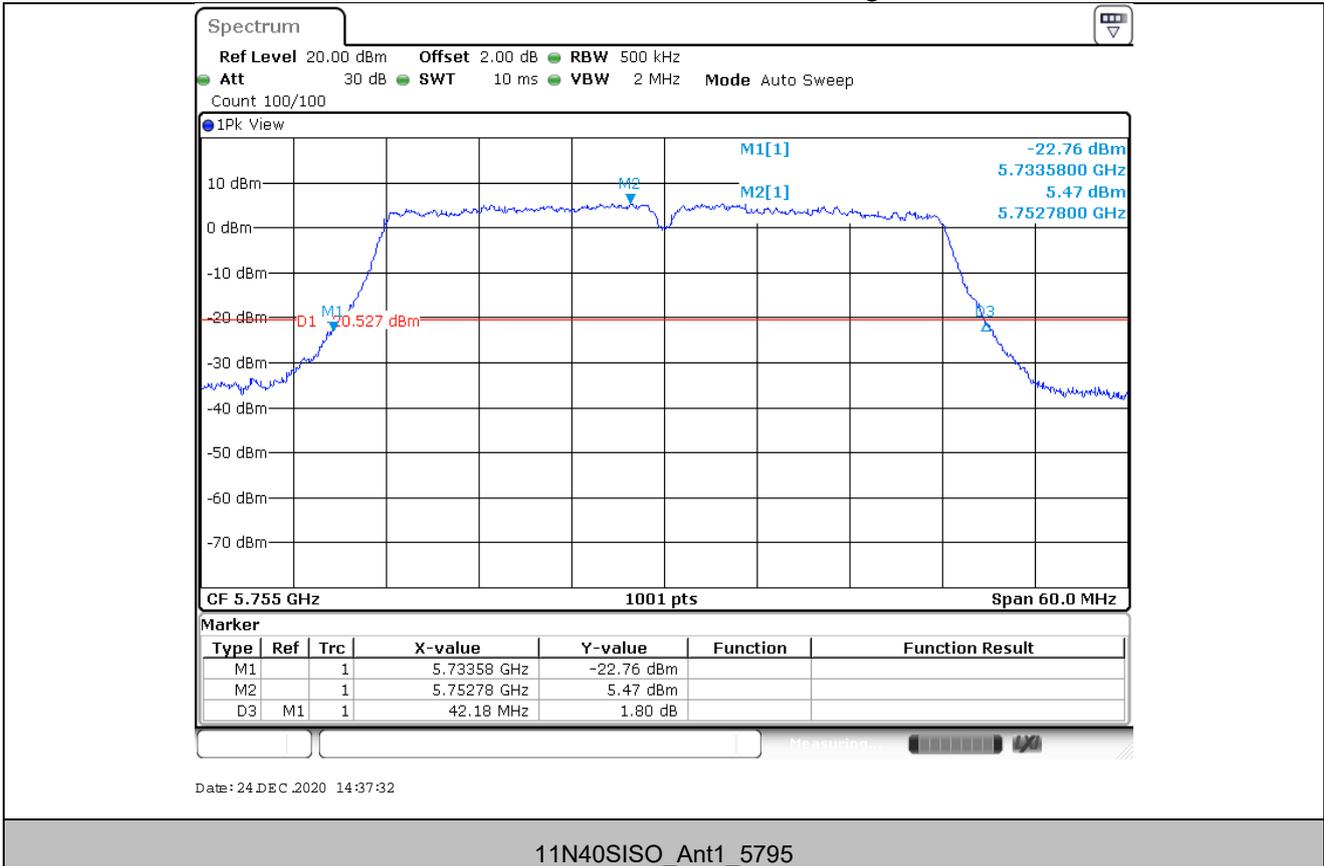
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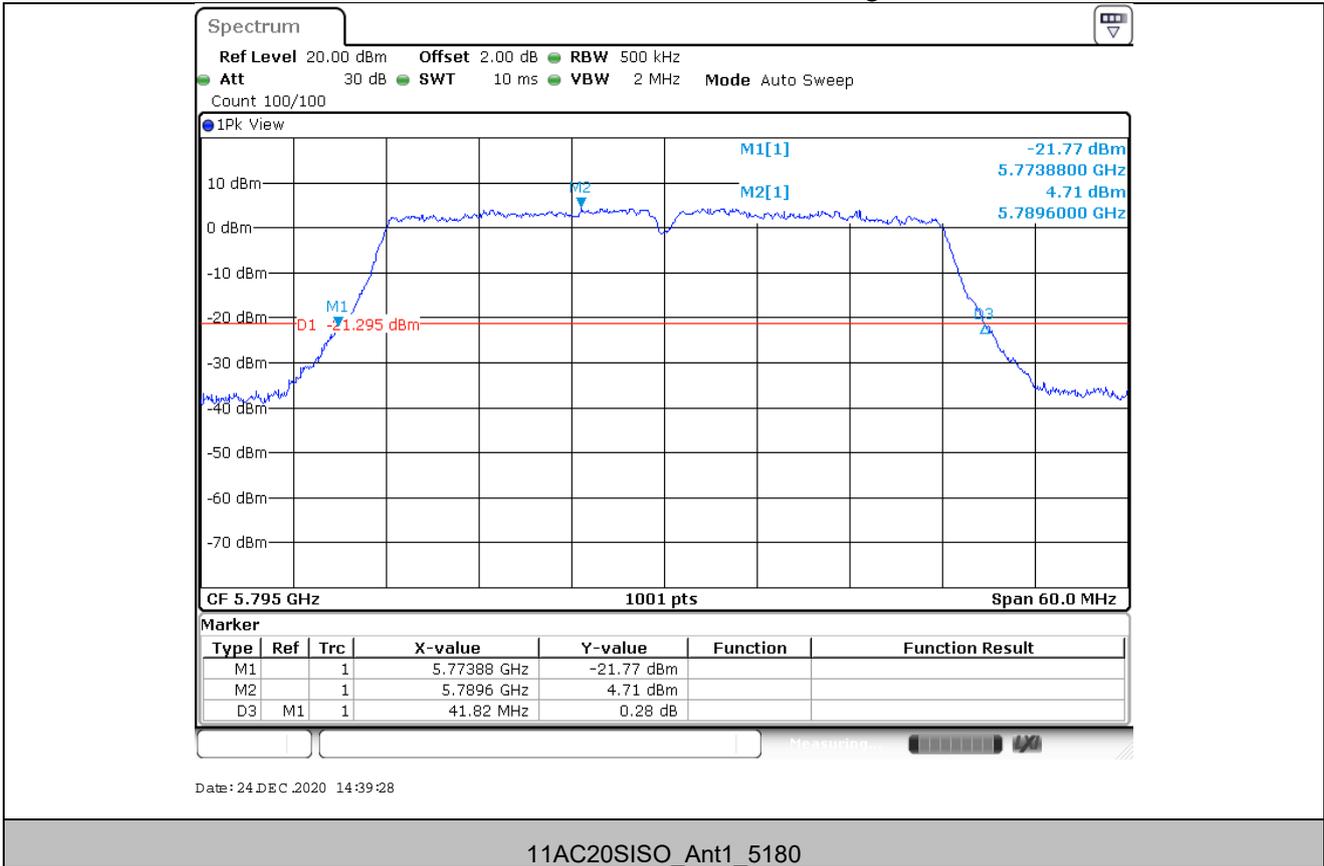


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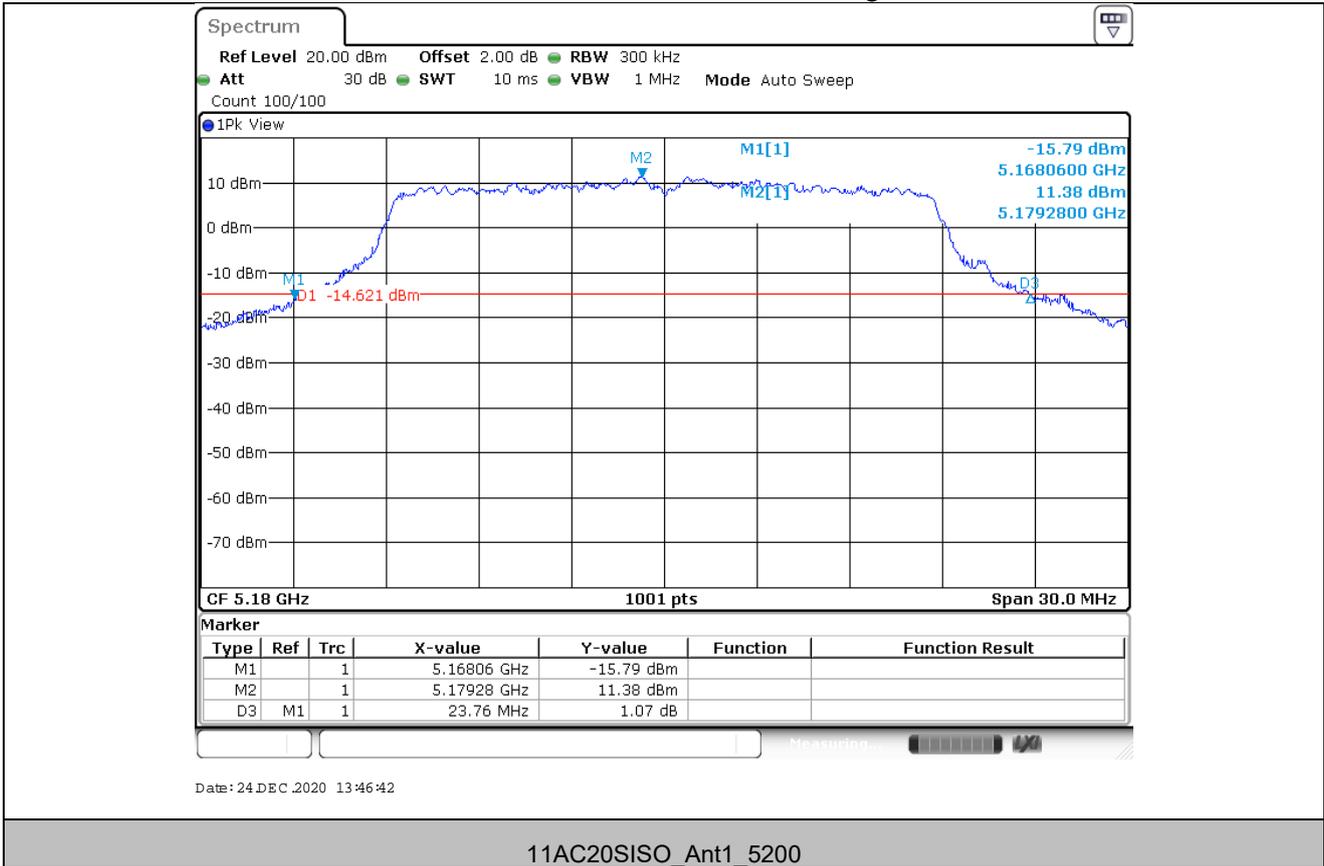
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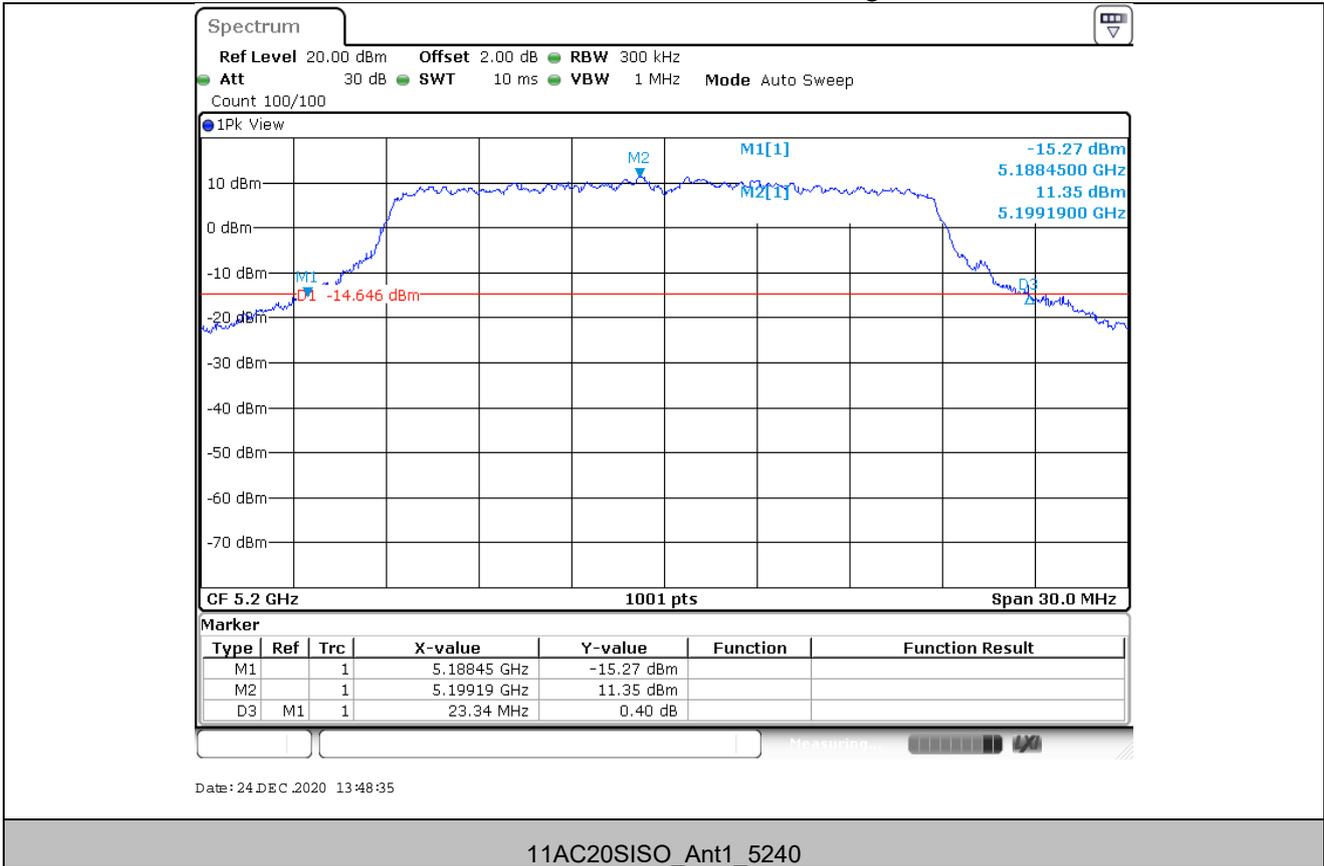


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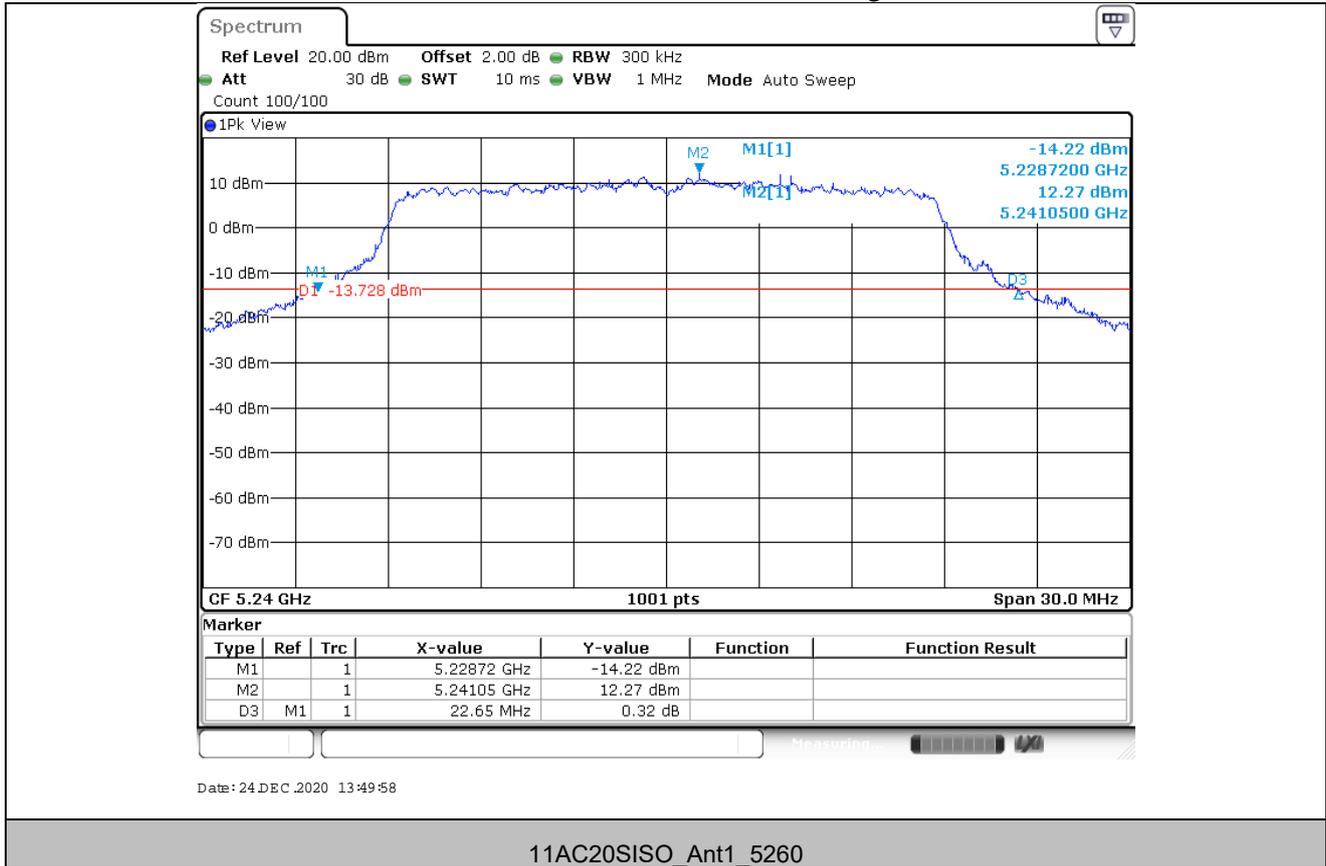


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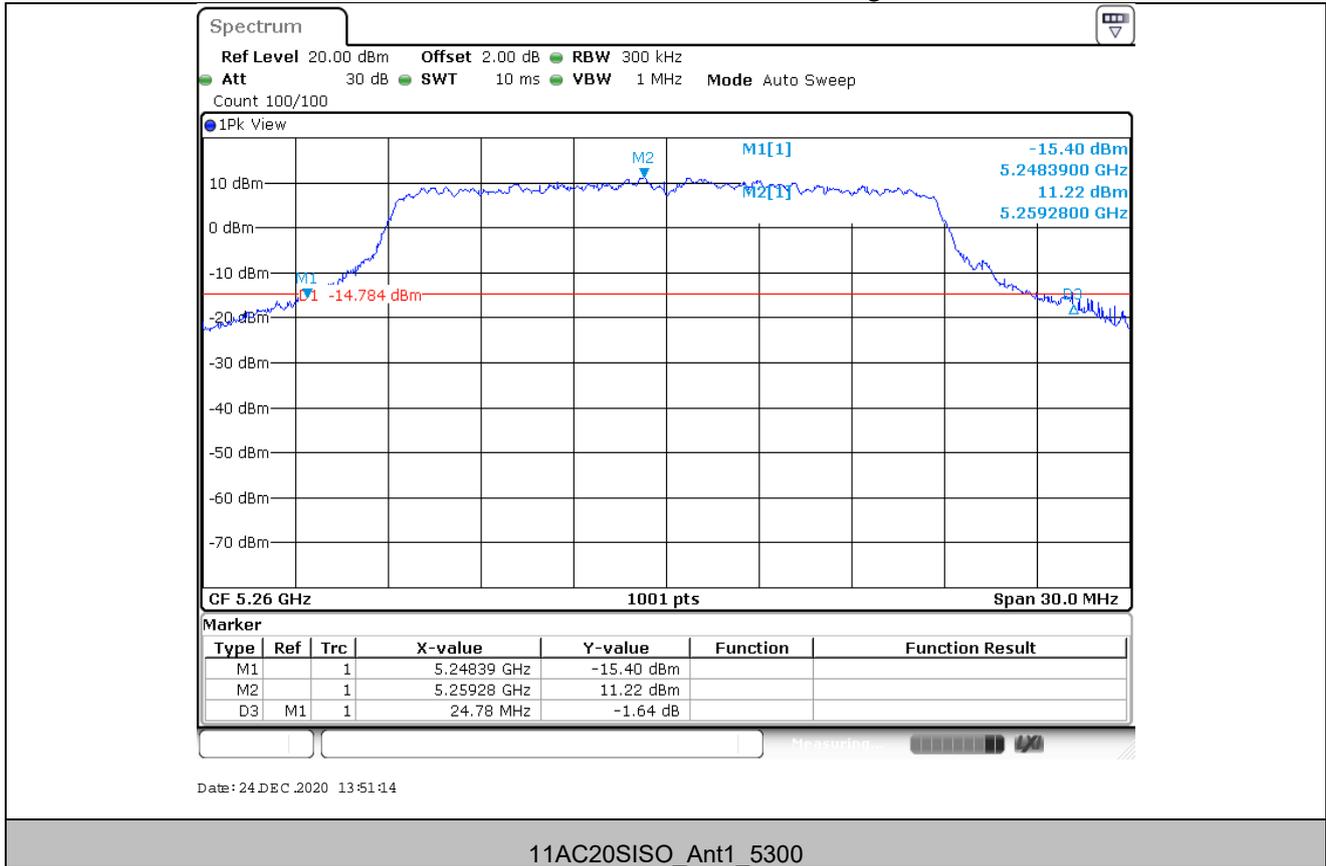
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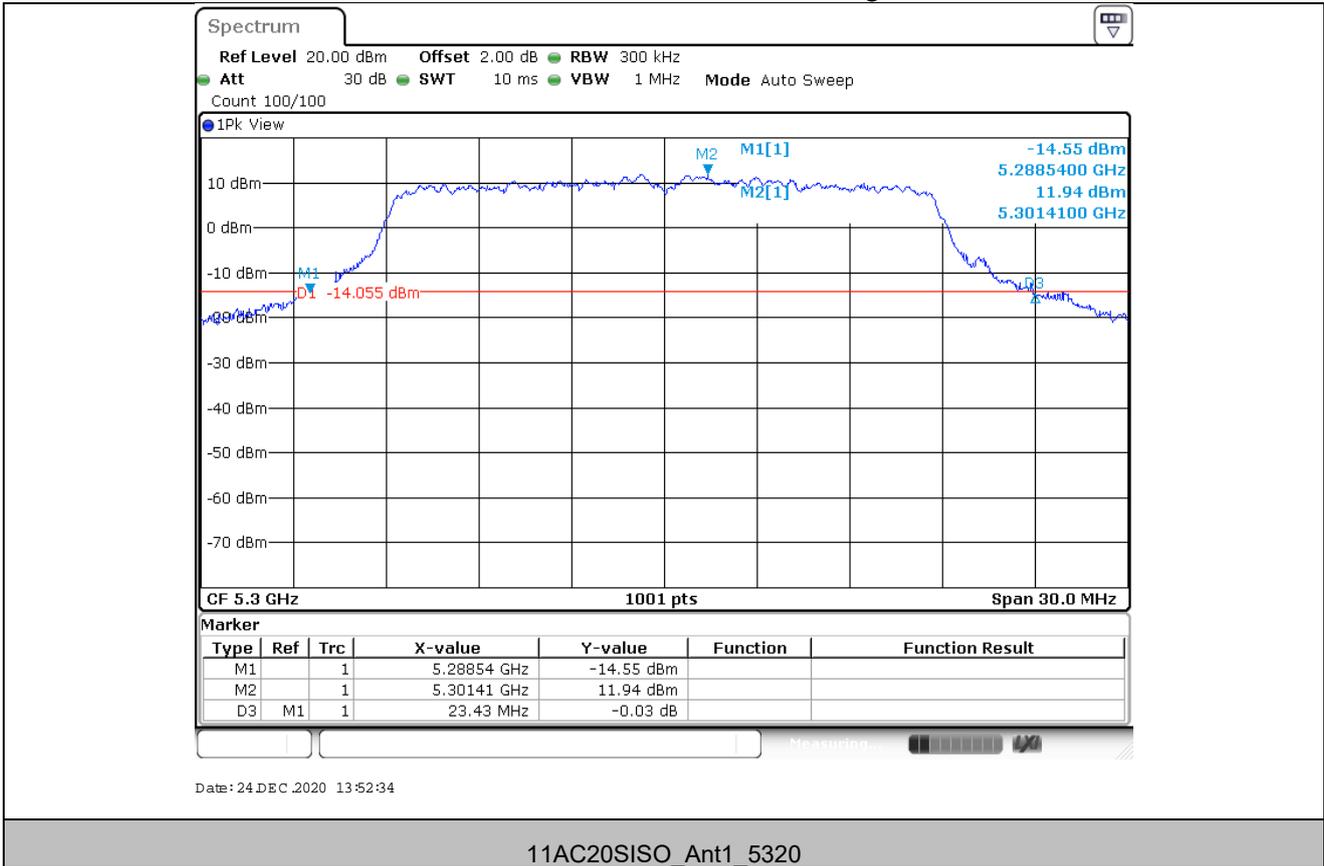
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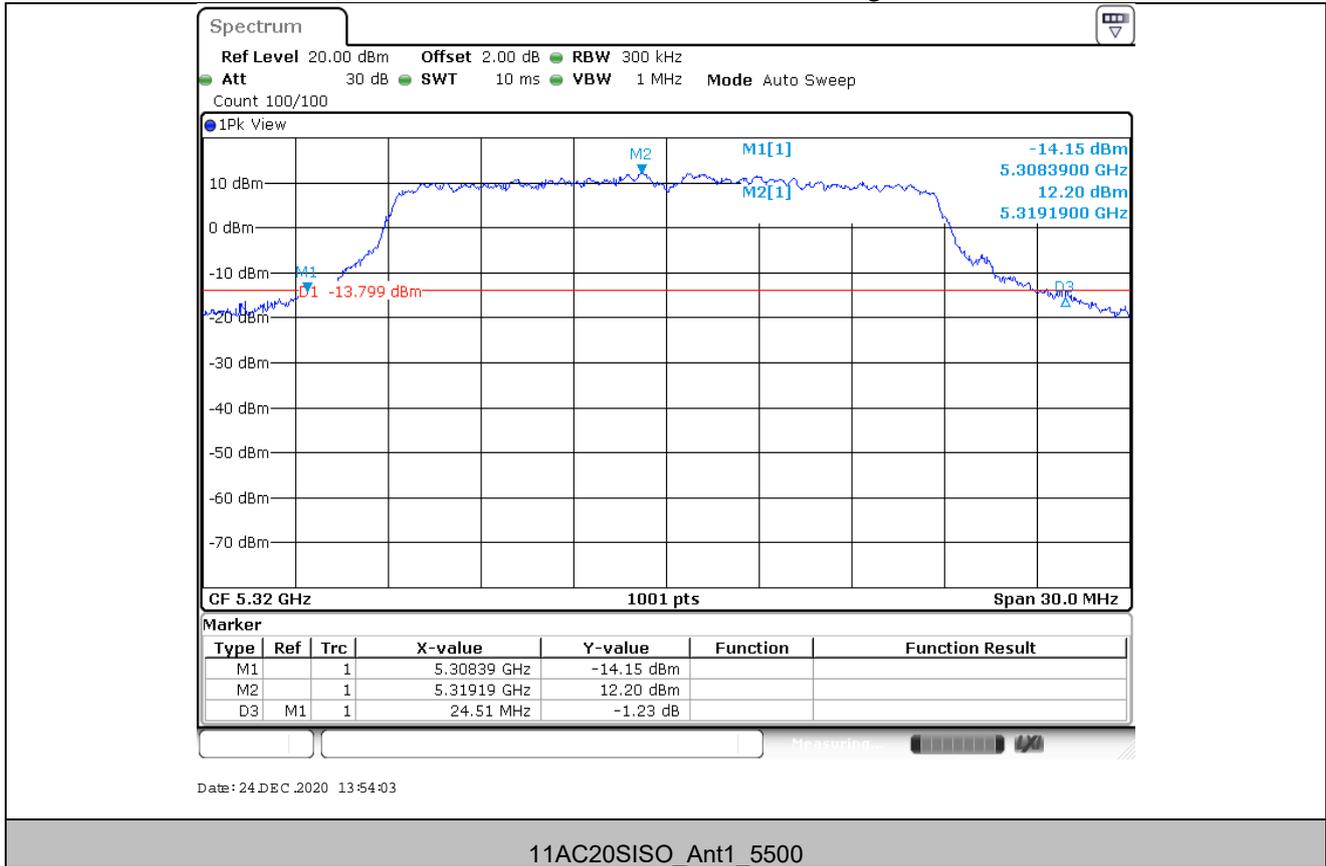


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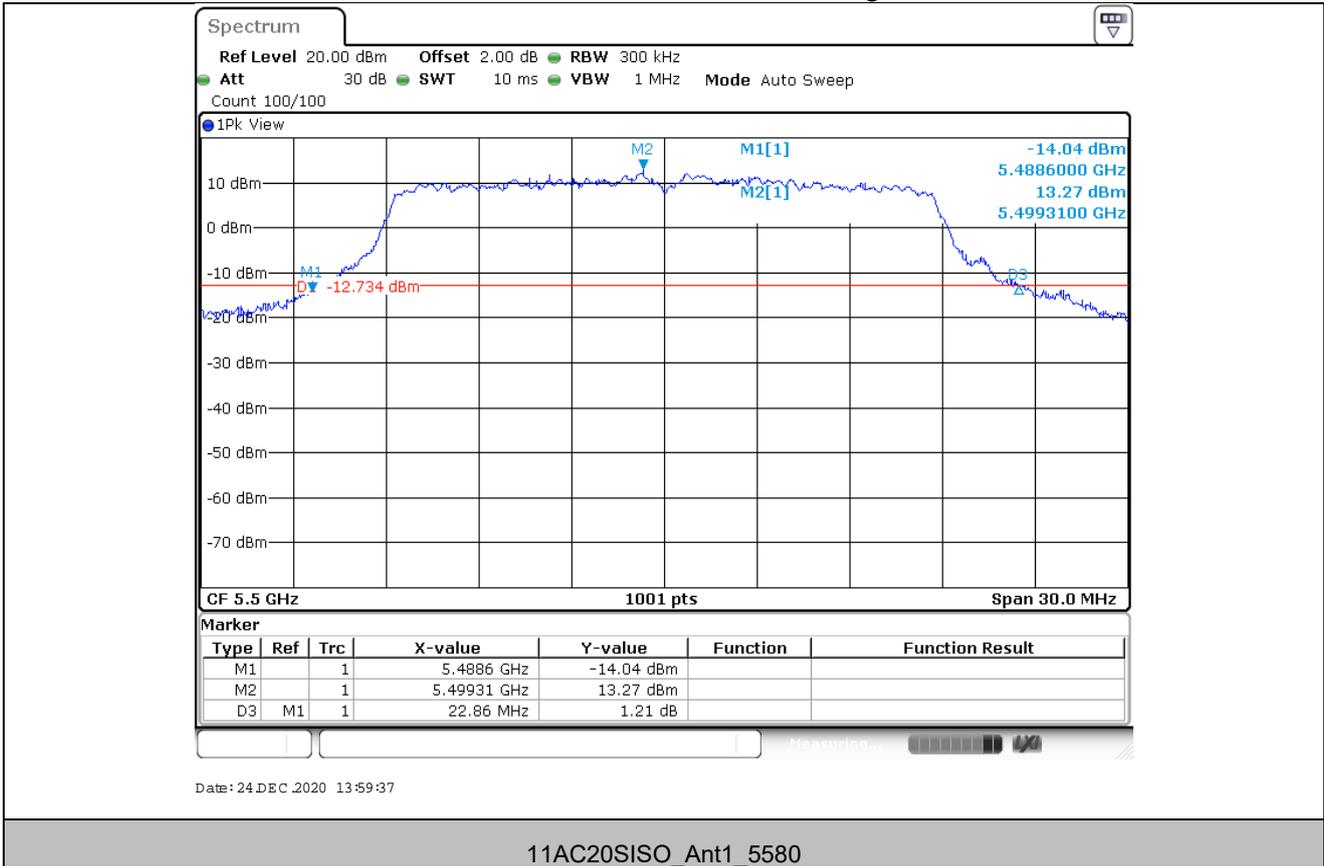


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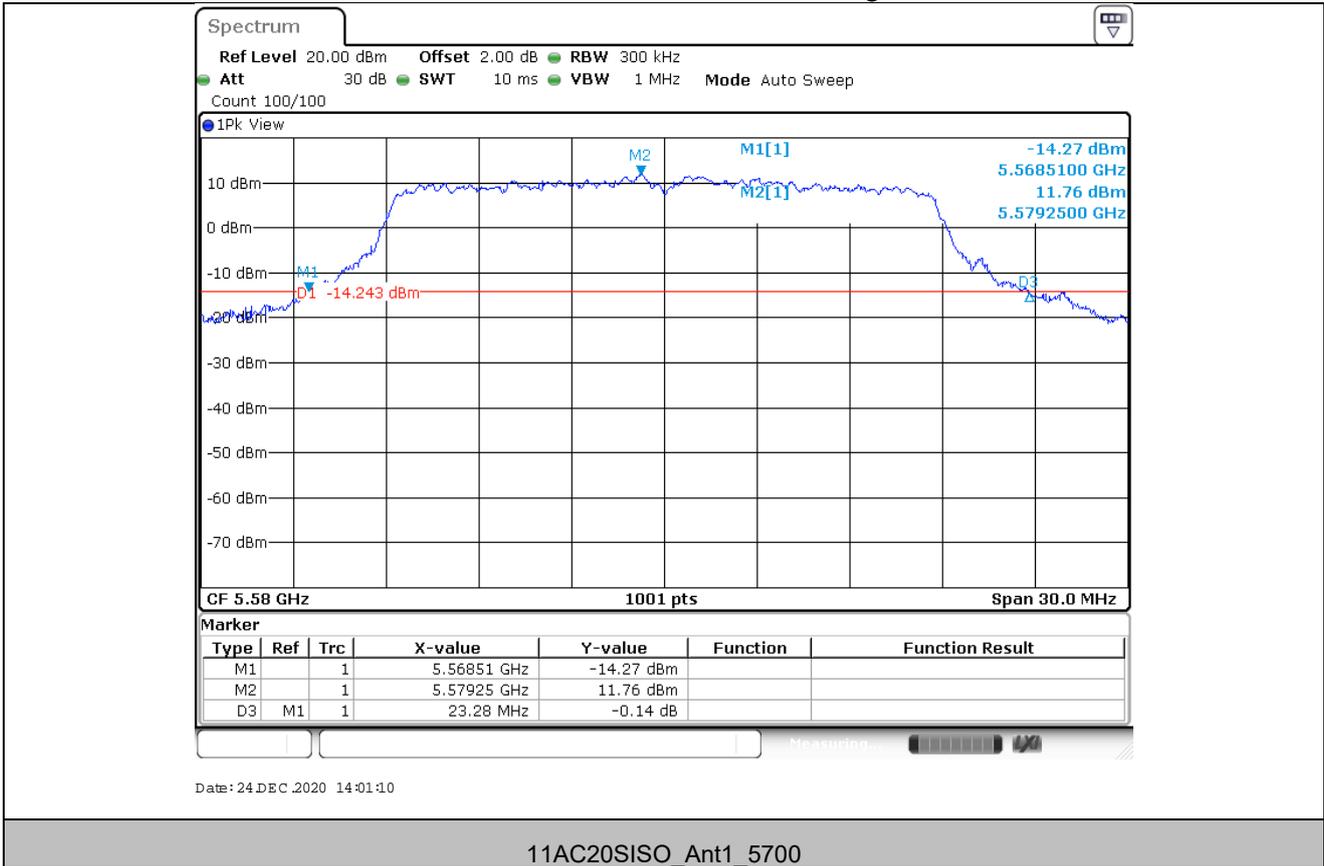
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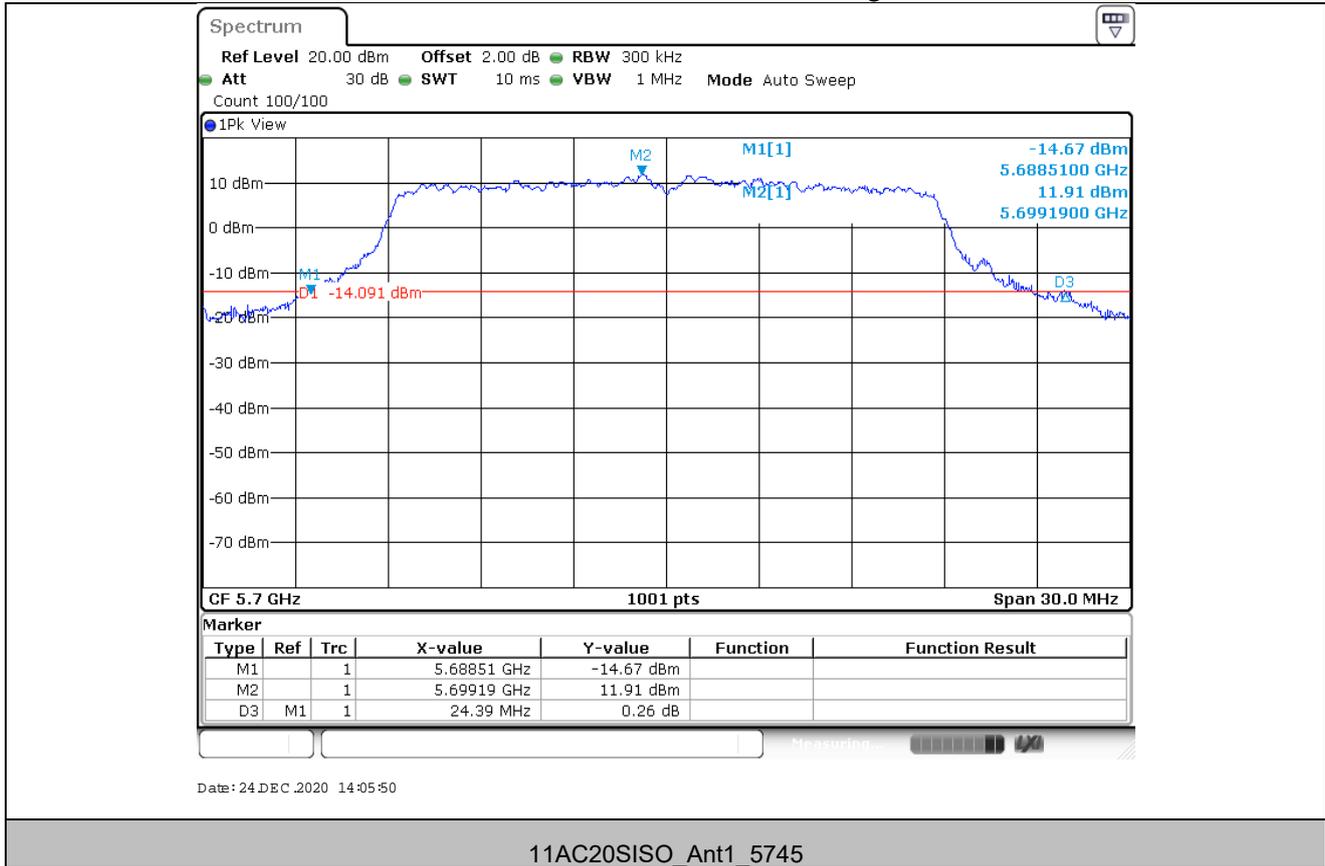
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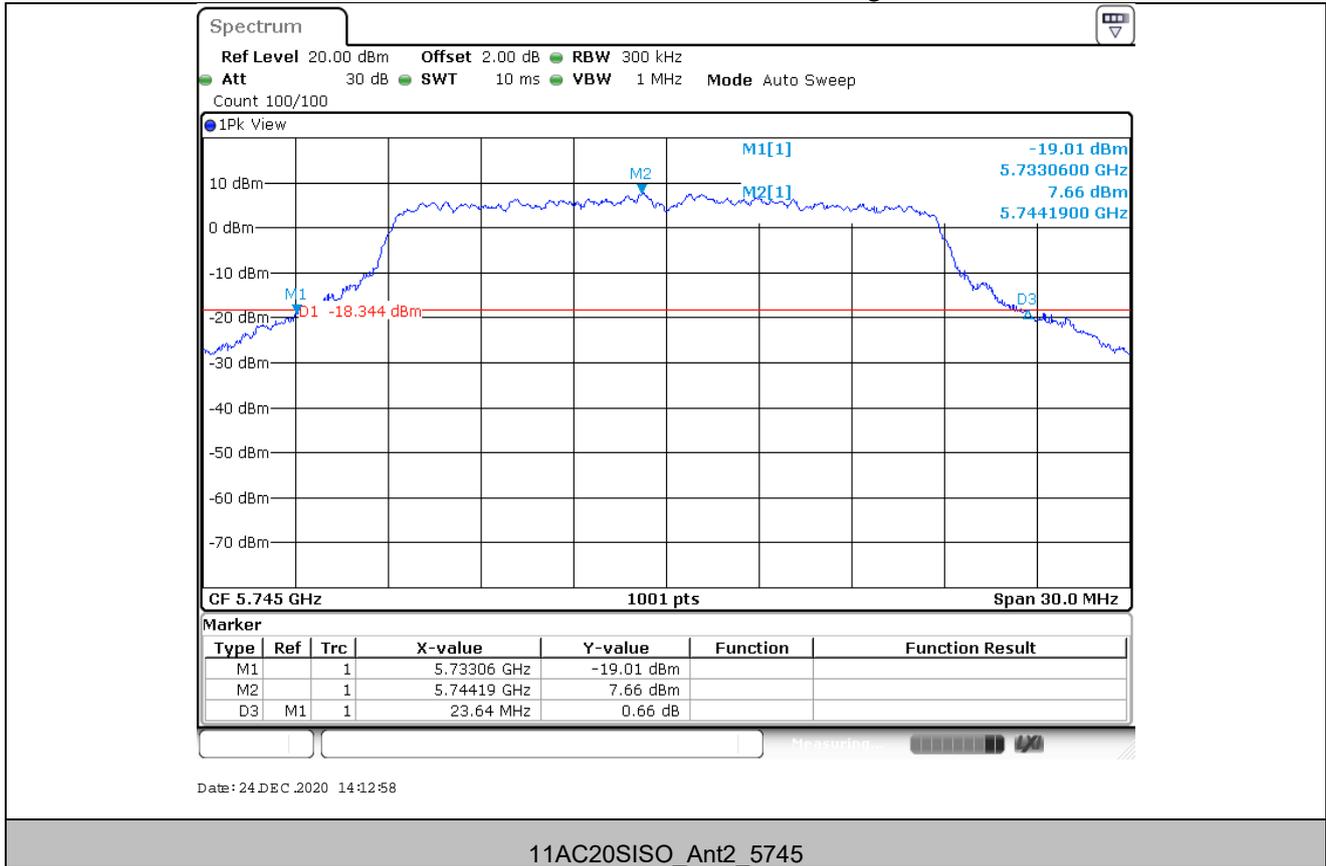


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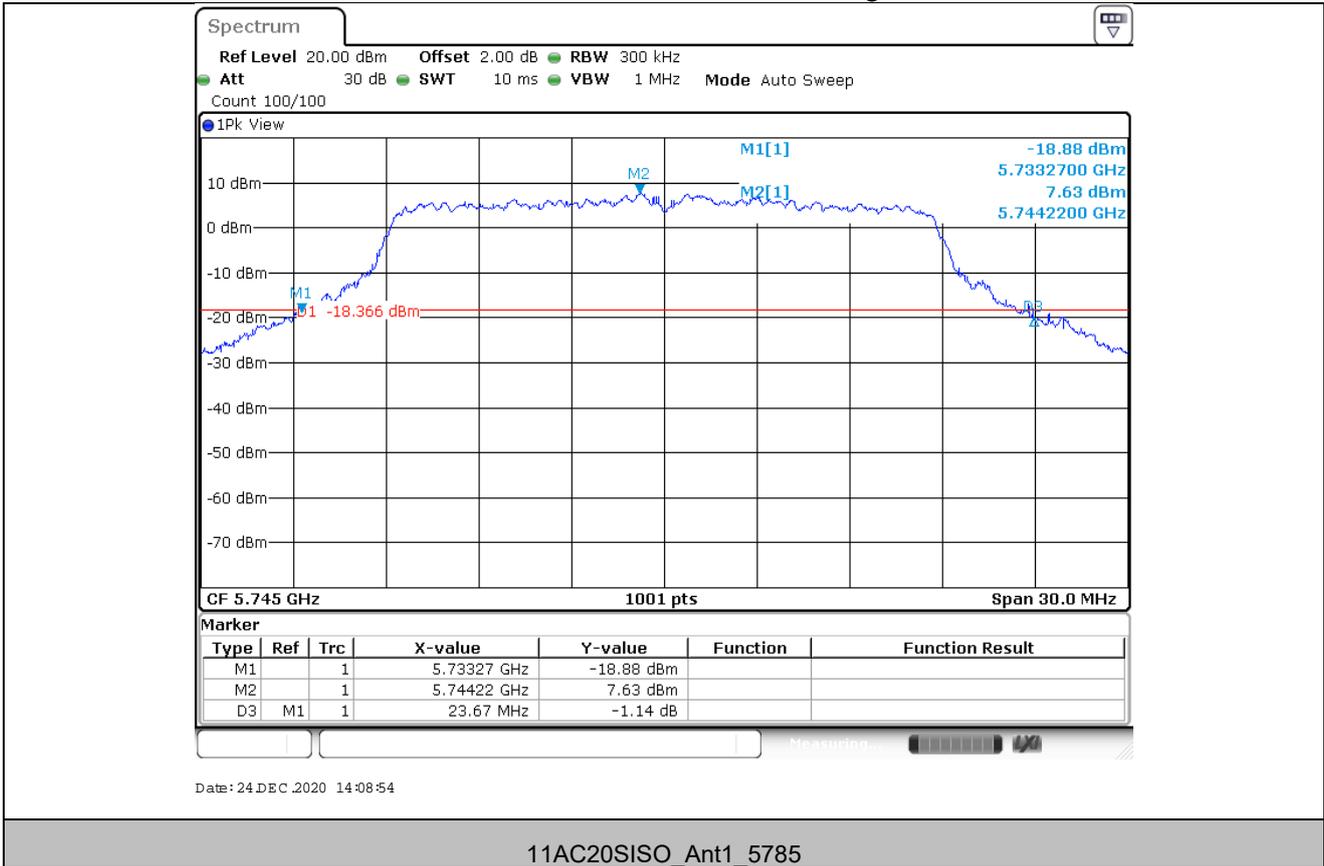
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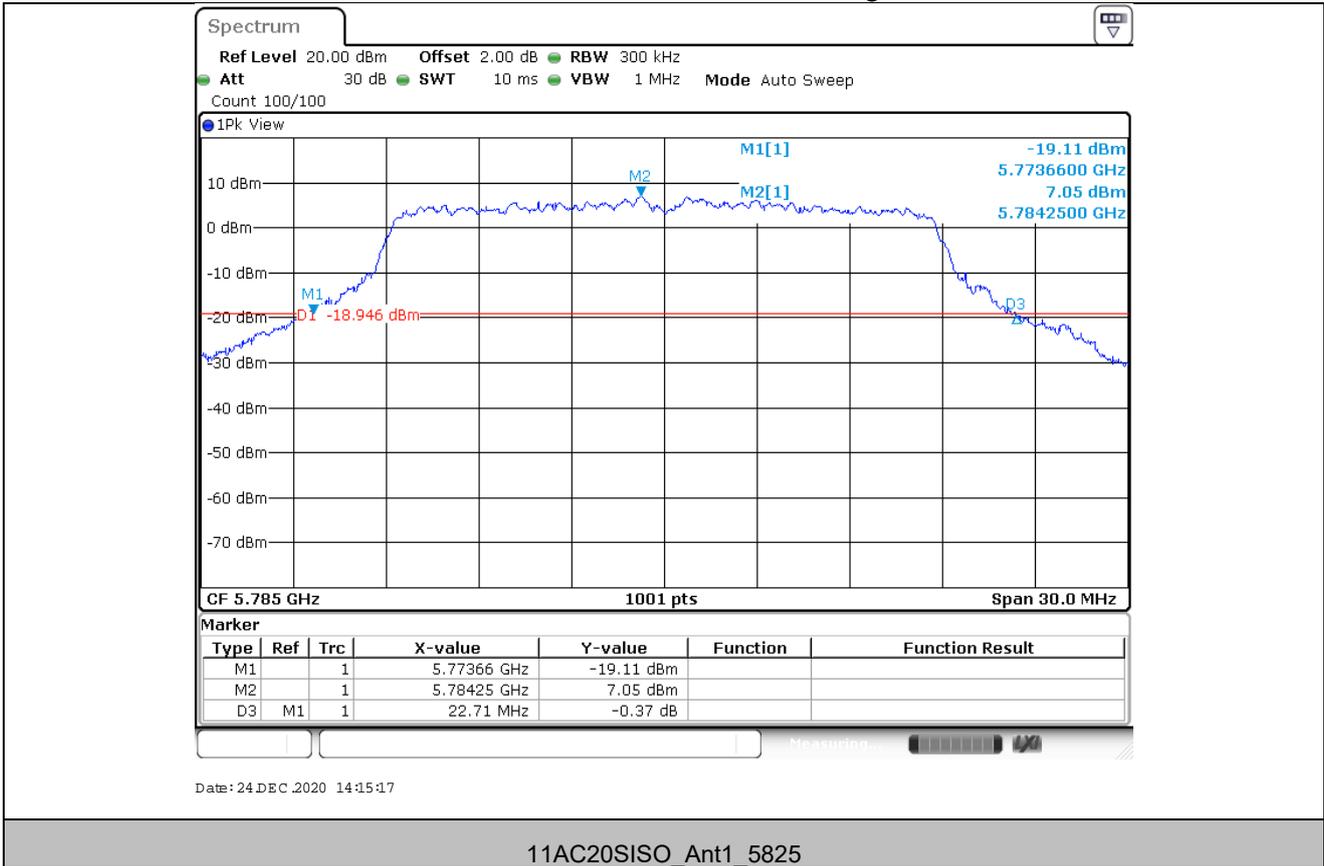
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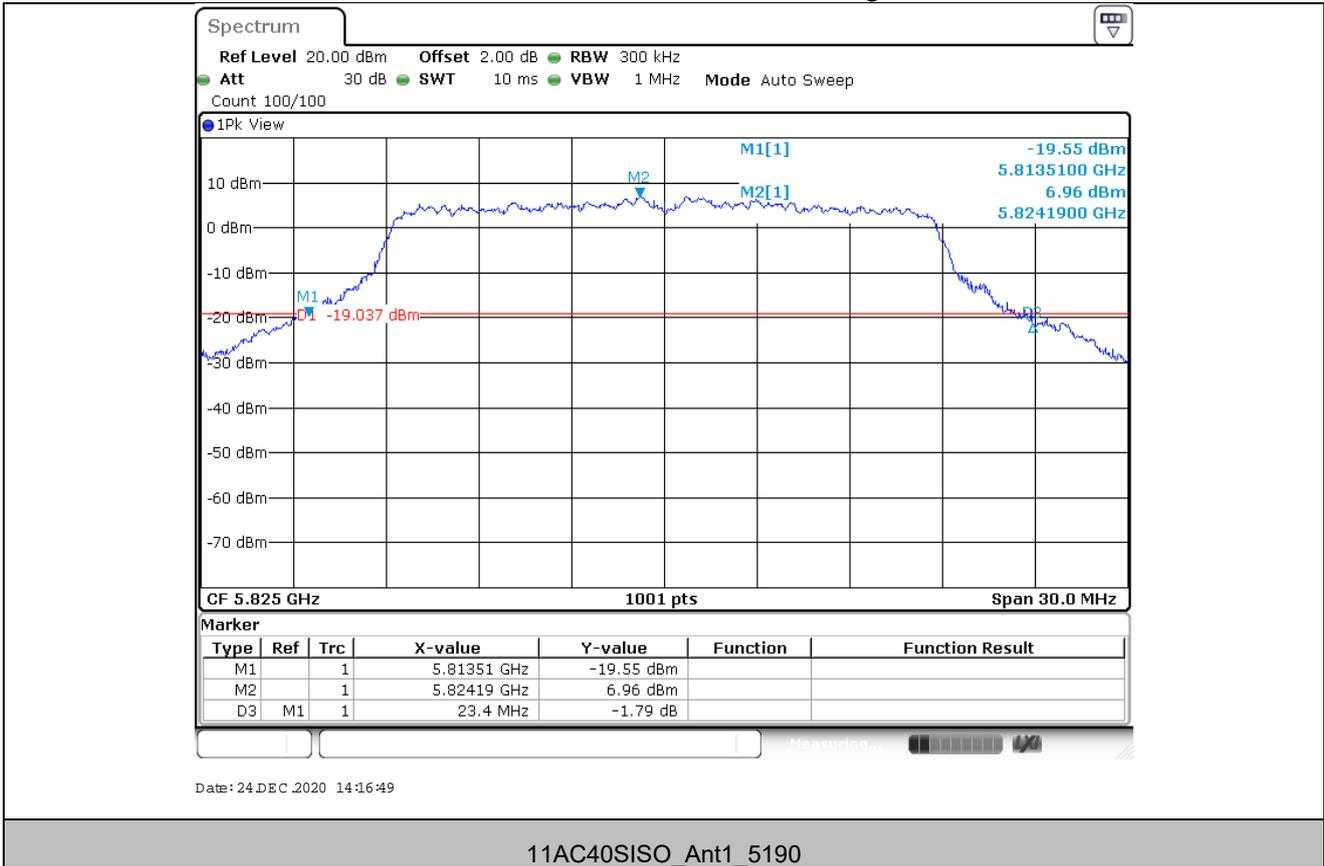
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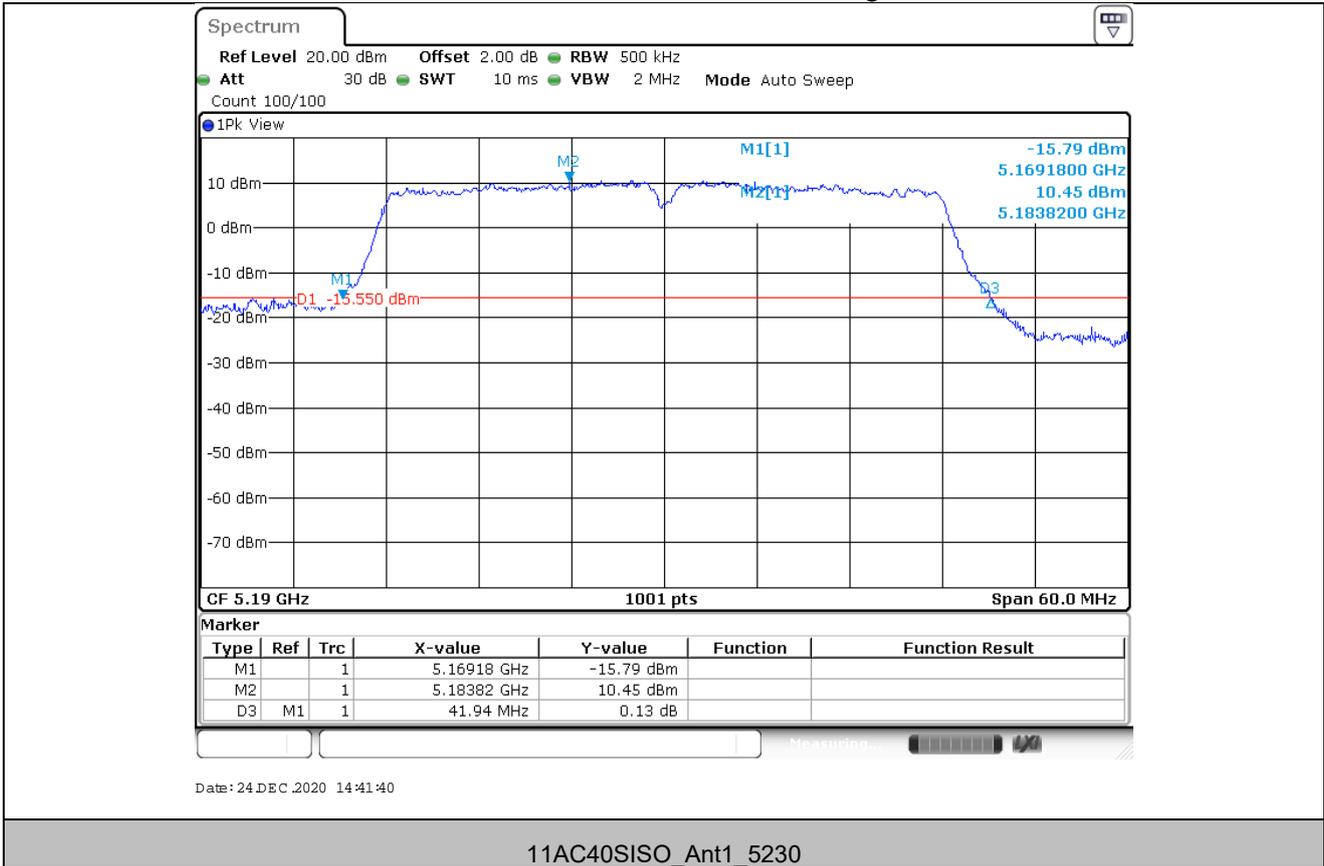
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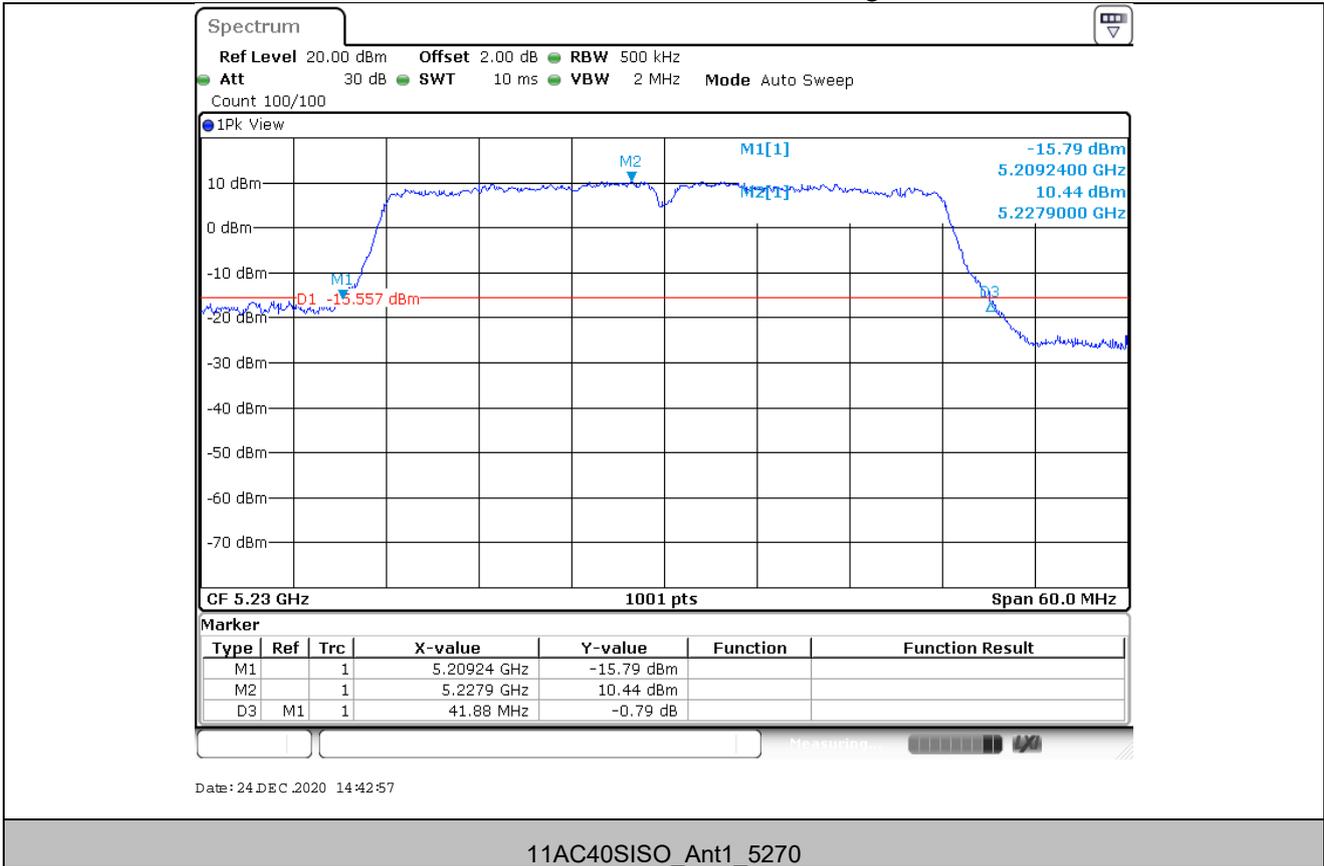
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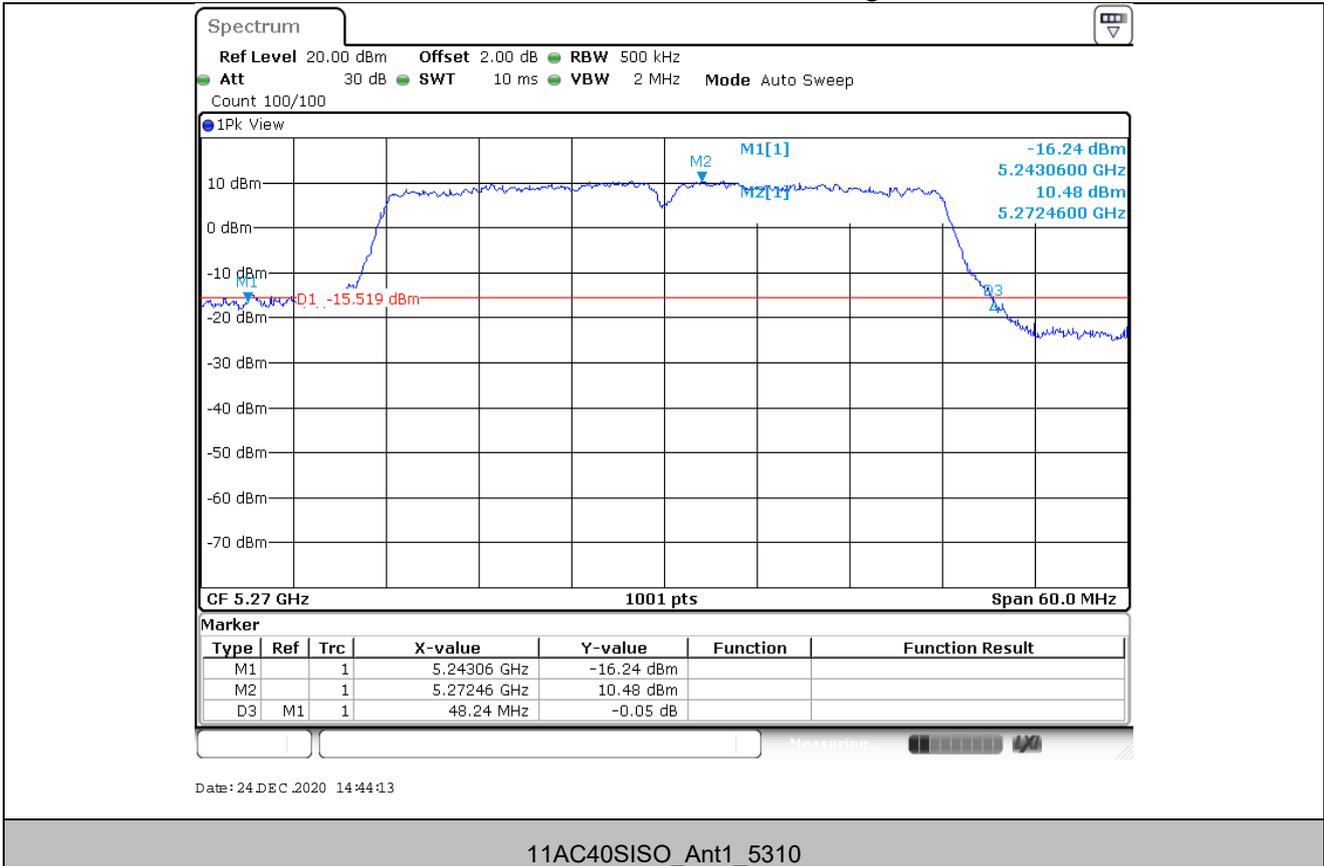


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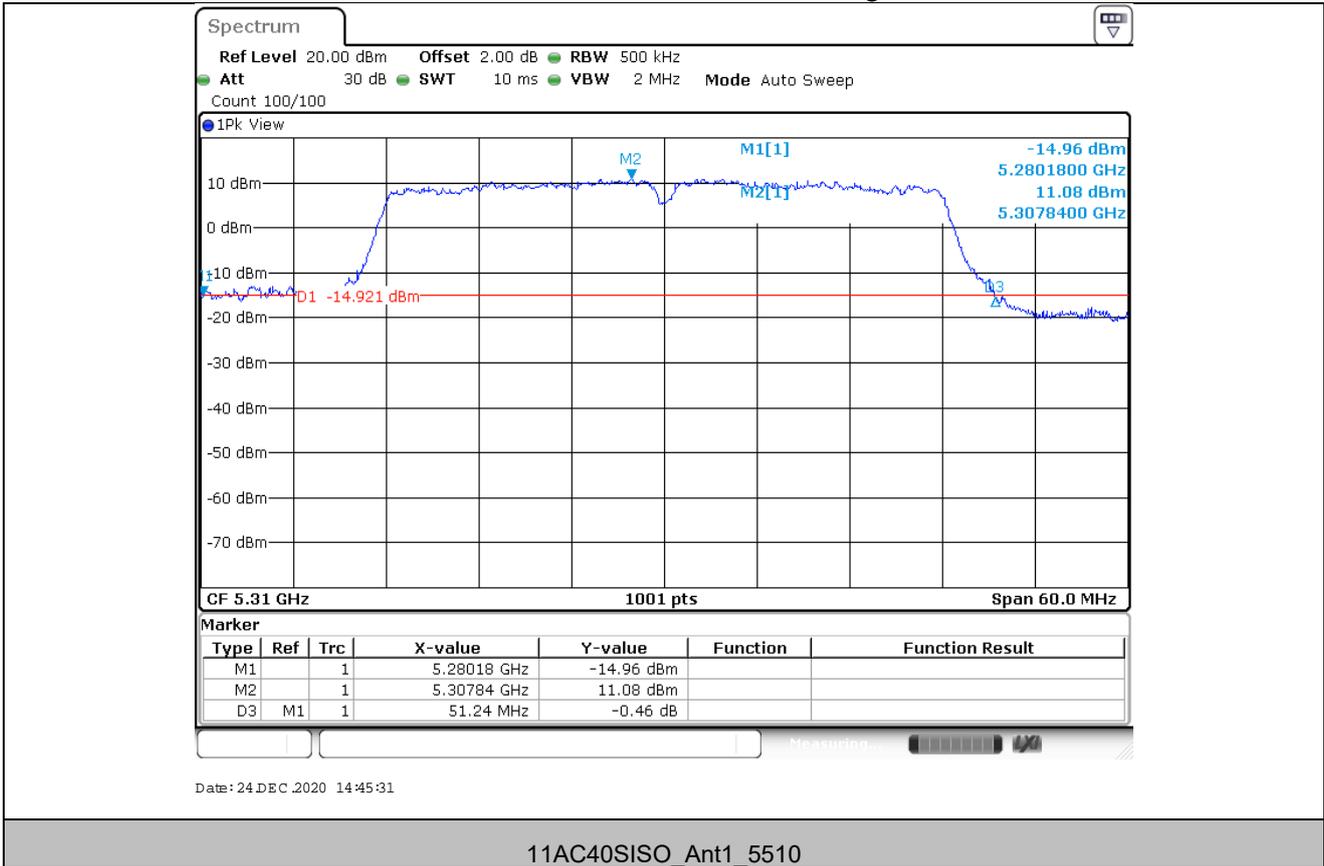


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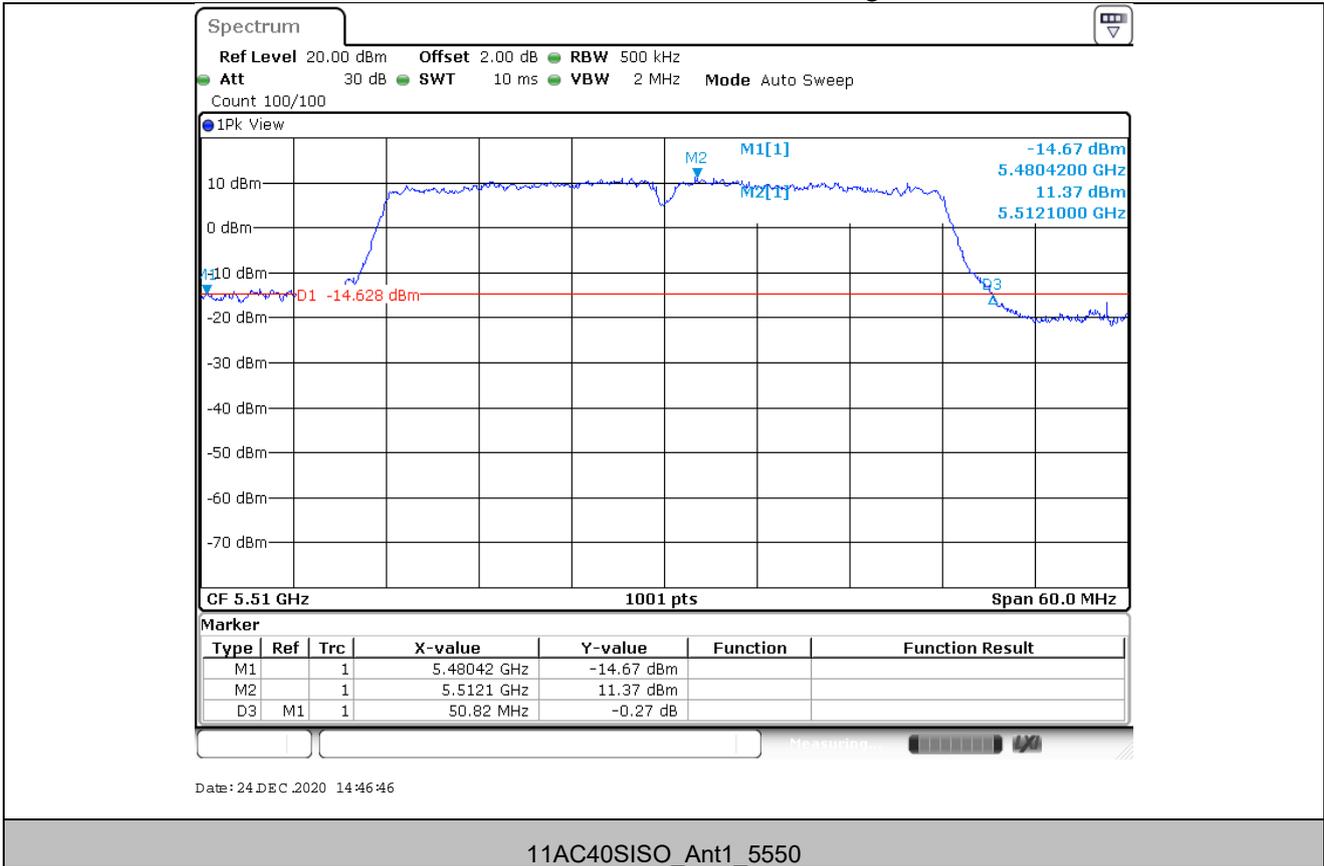
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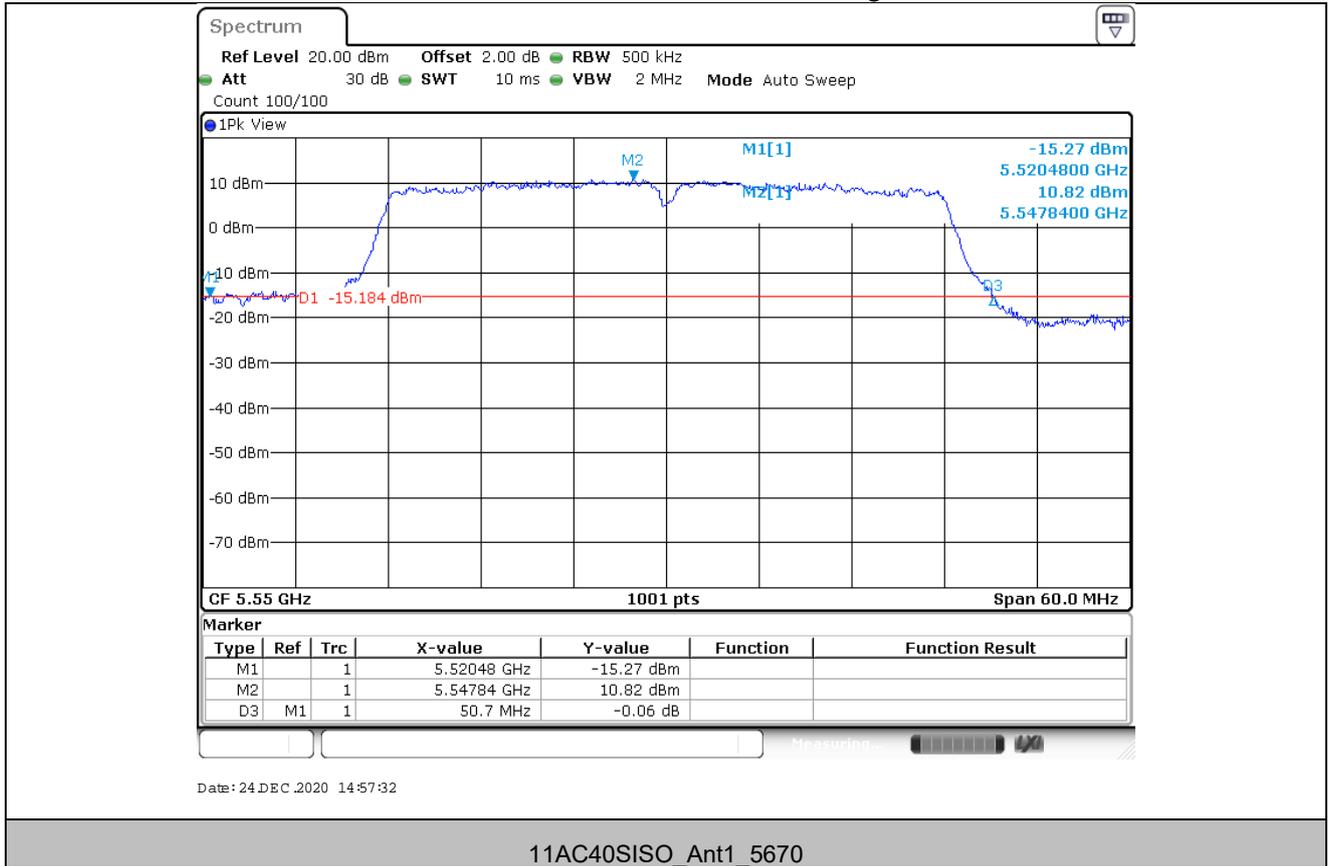
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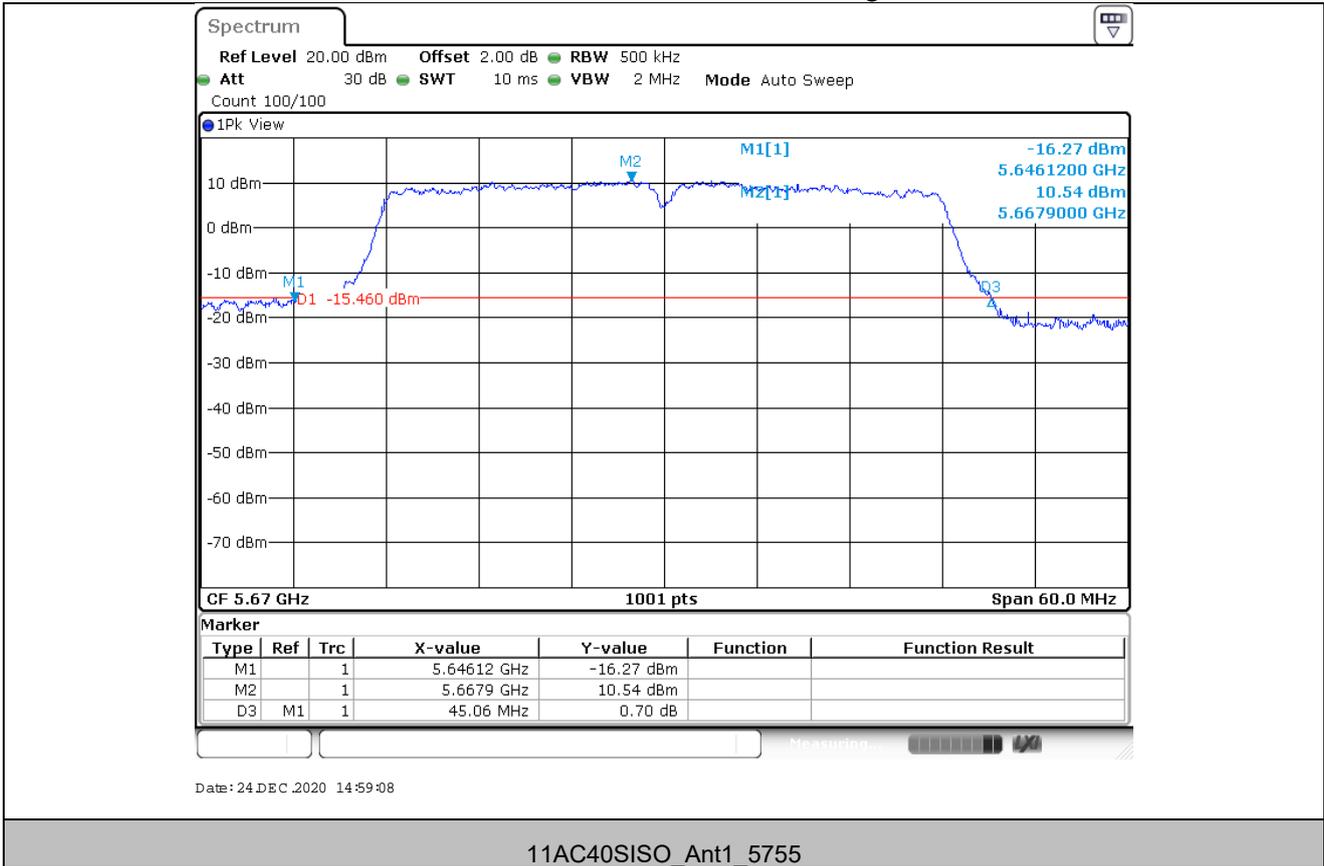


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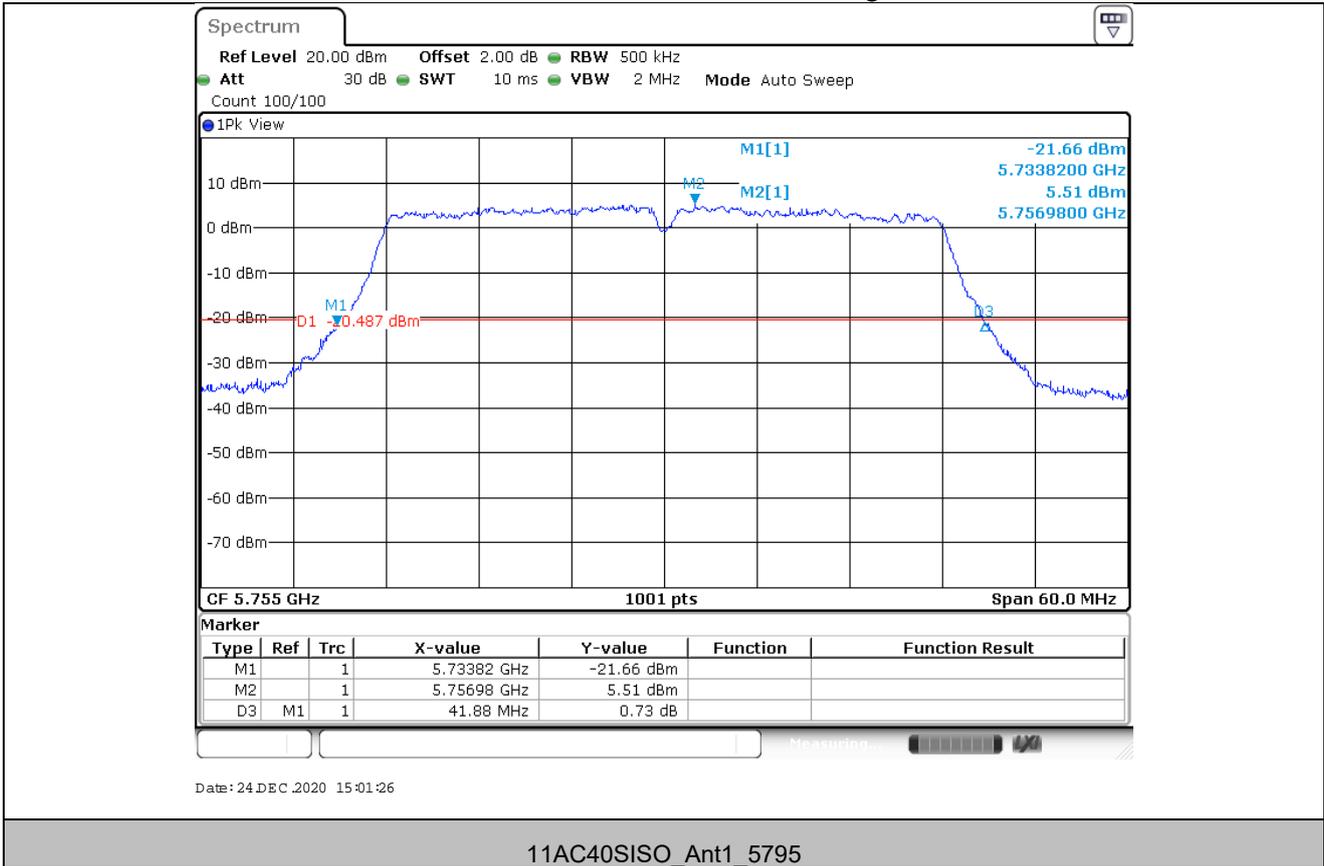
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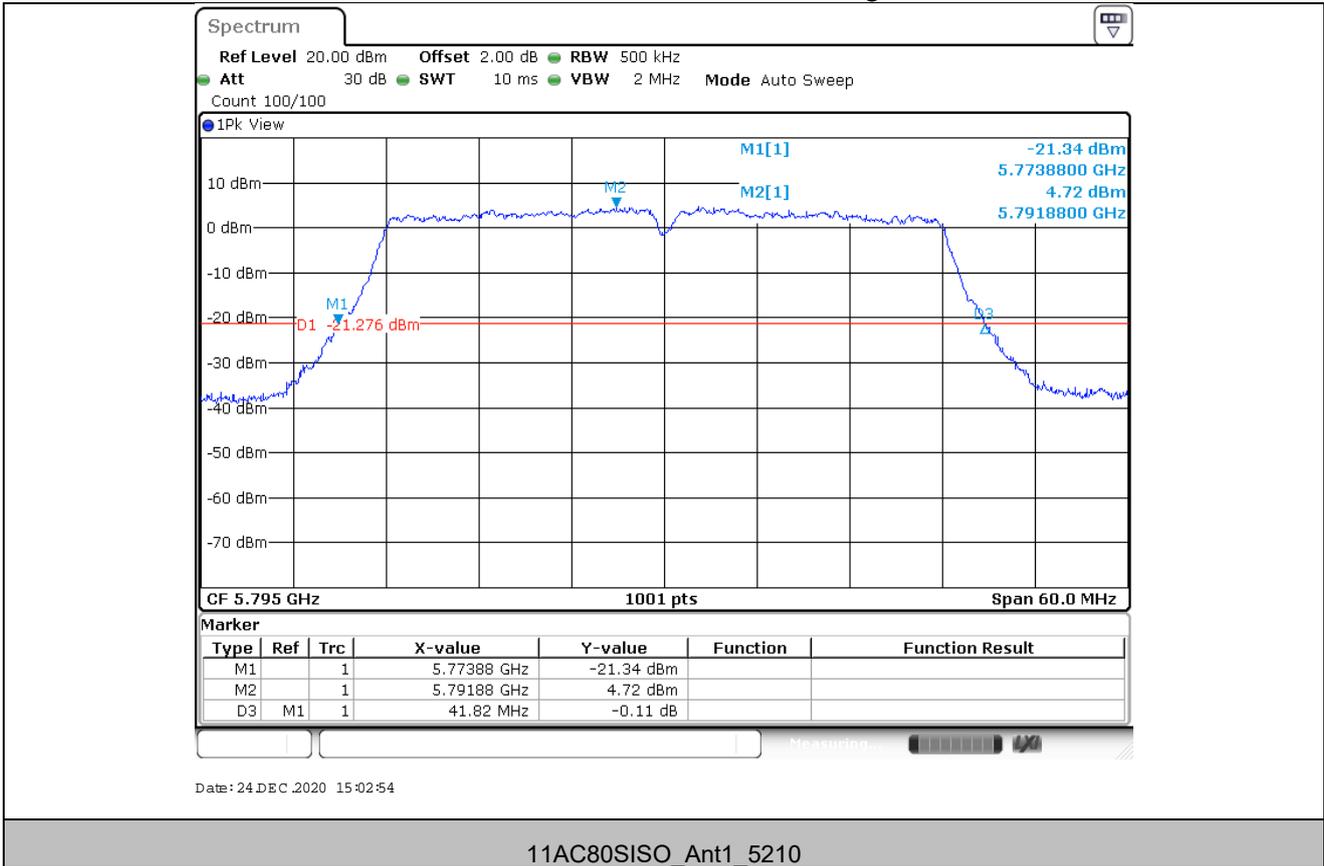
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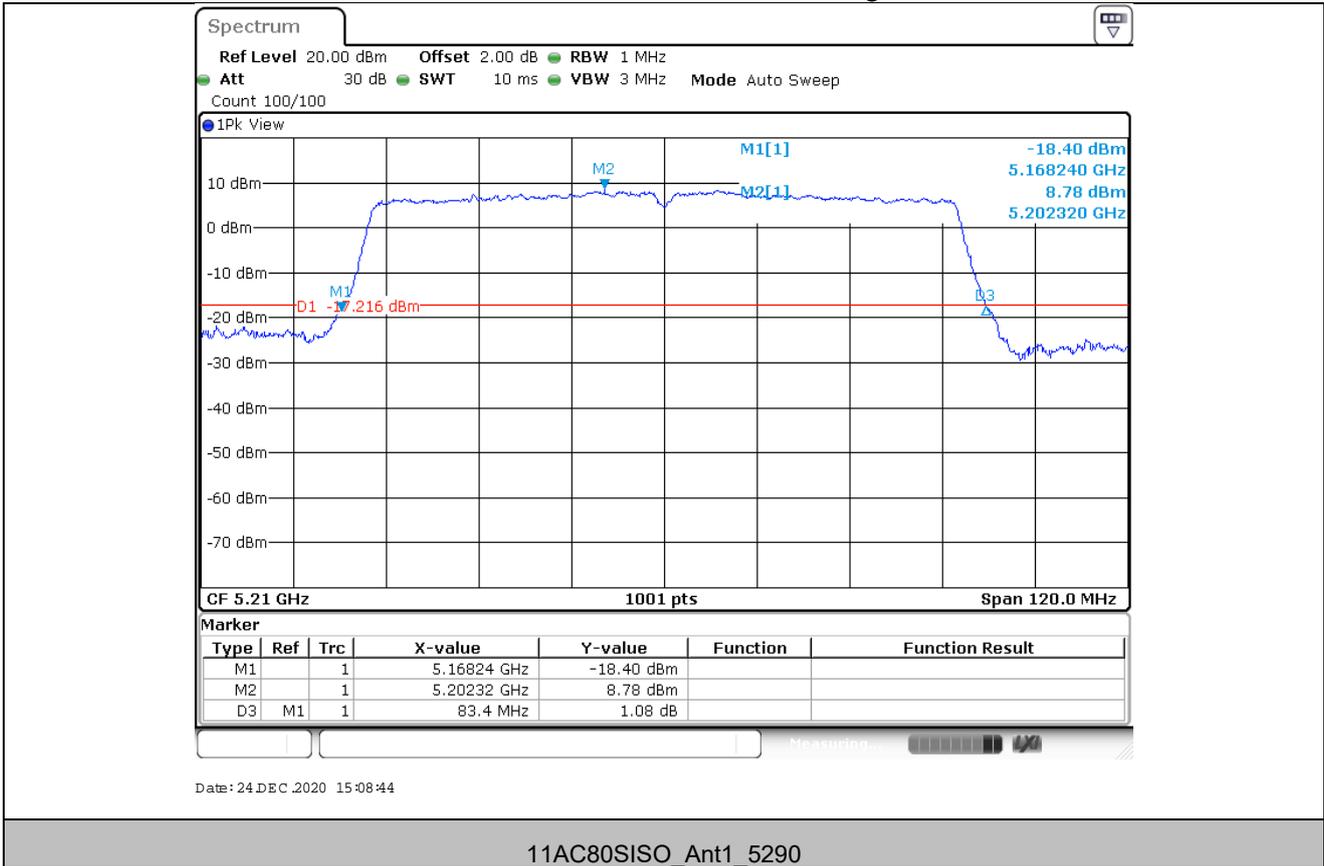
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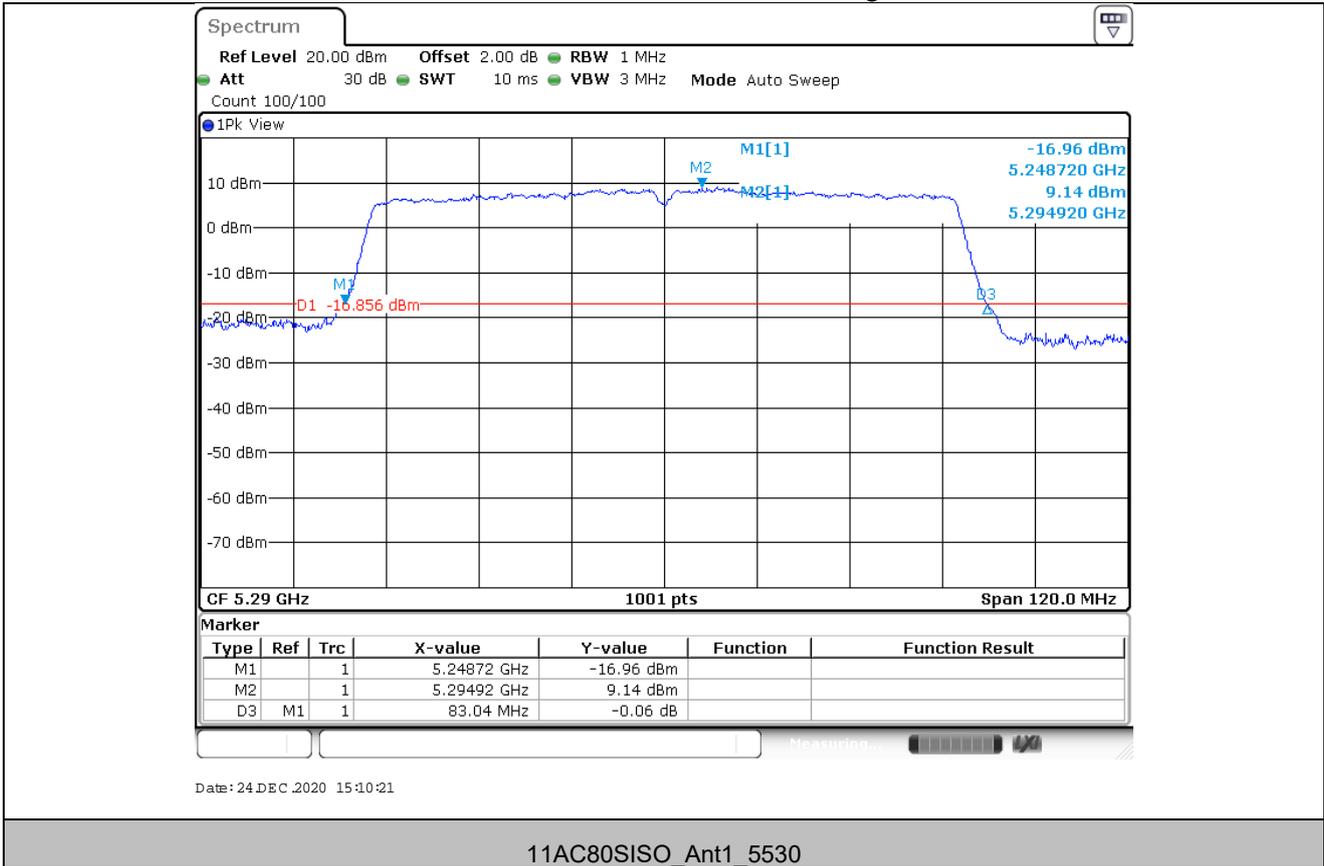


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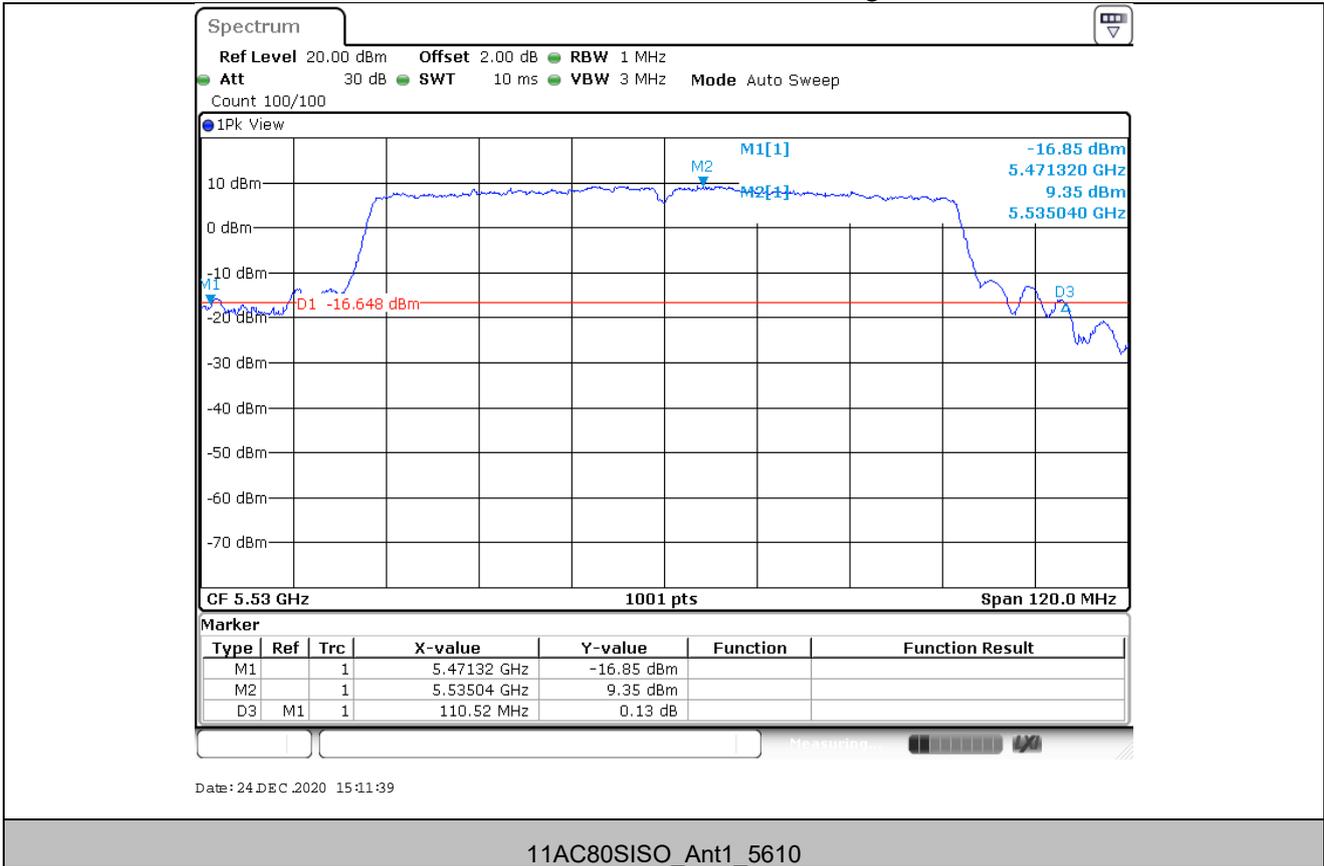


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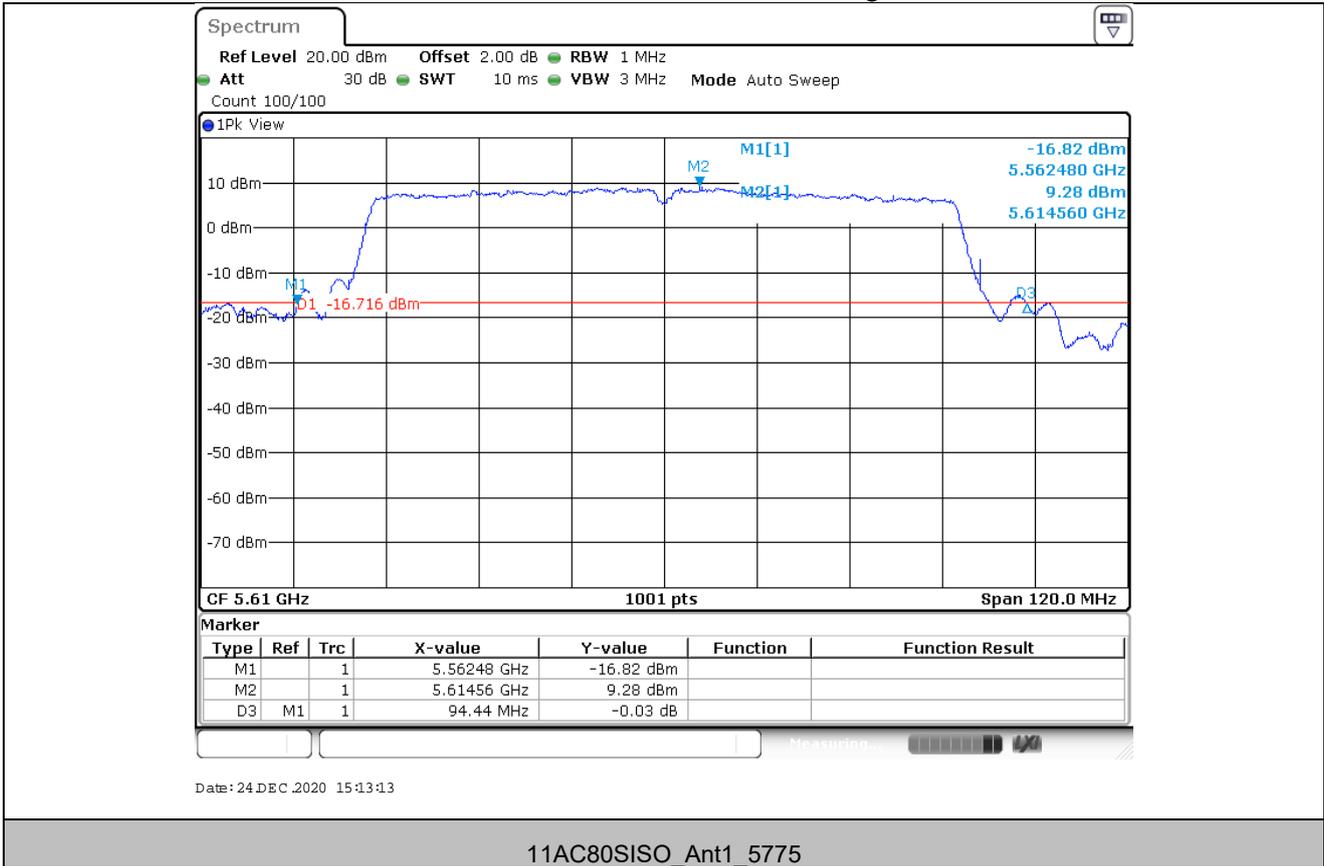
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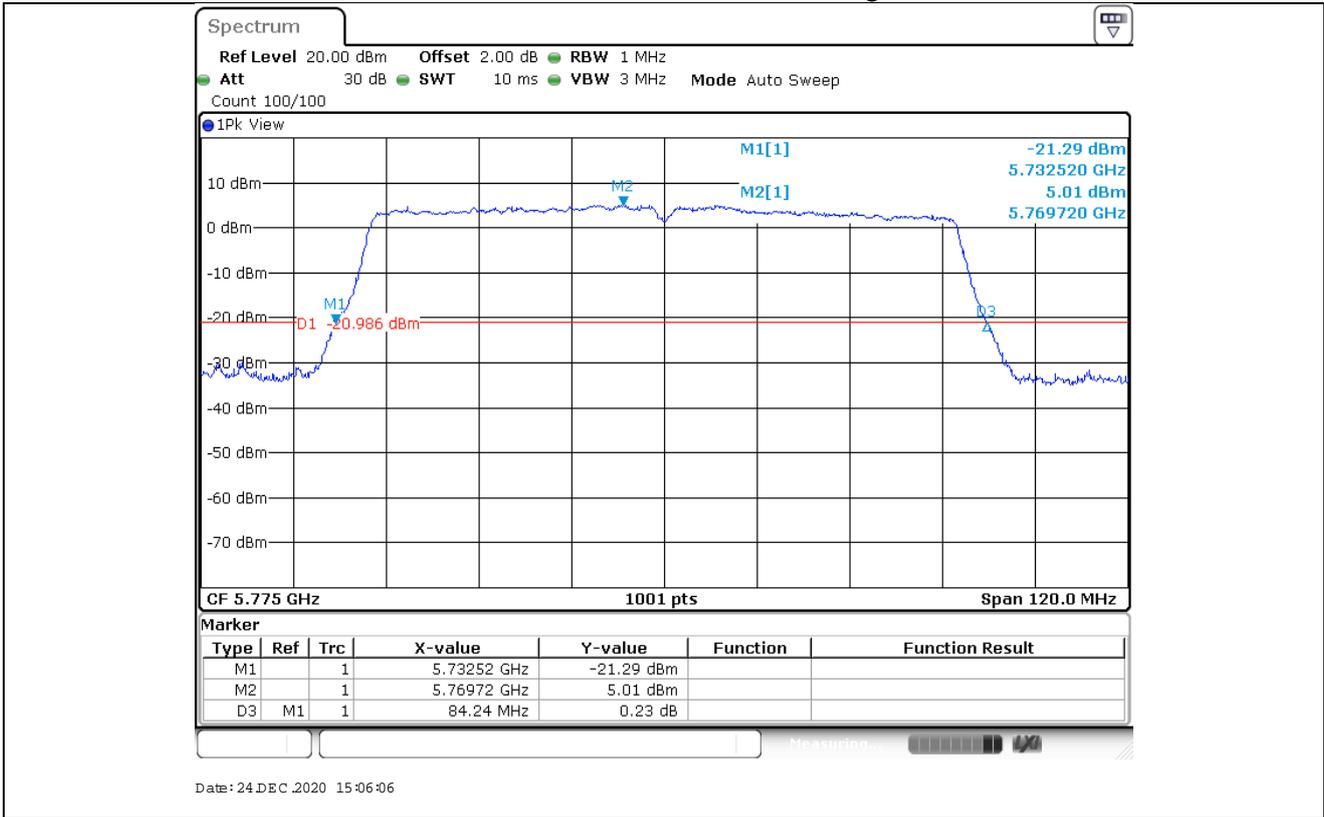
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Occupied channel bandwidth
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.723	5171.638	5188.362	---	PASS
		5200	16.723	5191.638	5208.362	---	PASS
		5240	16.723	5231.638	5248.362	---	PASS
		5260	16.753	5251.608	5268.362	---	PASS
		5300	16.783	5291.608	5308.392	---	PASS
		5320	16.783	5311.608	5328.392	---	PASS
		5500	16.753	5491.608	5508.362	---	PASS
		5580	16.723	5571.608	5588.332	---	PASS
		5700	16.783	5691.578	5708.362	---	PASS
		5745	16.693	5736.608	5753.302	---	PASS
		5785	16.663	5776.638	5793.302	---	PASS
		5825	16.693	5816.608	5833.302	---	PASS
11N20SISO	Ant1	5180	17.892	5171.069	5188.961	---	PASS
		5200	17.892	5191.069	5208.961	---	PASS
		5240	17.892	5231.069	5248.961	---	PASS
		5260	17.892	5251.069	5268.961	---	PASS
		5300	17.892	5291.099	5308.991	---	PASS
		5320	17.892	5311.099	5328.991	---	PASS
		5500	17.892	5491.069	5508.961	---	PASS
		5580	17.892	5571.069	5588.961	---	PASS
		5700	17.922	5691.039	5708.961	---	PASS
		5745	17.832	5736.069	5753.901	---	PASS
		5785	17.862	5776.069	5793.931	---	PASS
		5825	17.832	5816.069	5833.901	---	PASS
11N40SISO	Ant1	5190	36.324	5171.838	5208.162	---	PASS
		5230	36.384	5211.838	5248.222	---	PASS
		5270	36.324	5251.898	5288.222	---	PASS
		5310	36.384	5291.838	5328.222	---	PASS
		5510	36.324	5491.838	5528.162	---	PASS



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		5550	36.384	5531.778	5568.162	---	PASS
		5670	36.384	5651.778	5688.162	---	PASS
		5755	36.384	5736.778	5773.162	---	PASS
		5795	36.324	5776.838	5813.162	---	PASS
11AC20SISO	Ant1	5180	17.892	5171.069	5188.961	---	PASS
		5200	17.892	5191.069	5208.961	---	PASS
		5240	17.892	5231.069	5248.961	---	PASS
		5260	17.892	5251.069	5268.961	---	PASS
		5300	17.922	5291.069	5308.991	---	PASS
		5320	17.922	5311.069	5328.991	---	PASS
		5500	17.892	5491.069	5508.961	---	PASS
		5580	17.892	5571.069	5588.961	---	PASS
		5700	17.922	5691.039	5708.961	---	PASS
		5745	17.892	5736.039	5753.931	---	PASS
		5745	17.892	5736.039	5753.931	---	PASS
		5785	17.832	5776.069	5793.901	---	PASS
		5825	17.862	5816.069	5833.931	---	PASS
11AC40SISO	Ant1	5190	36.324	5171.838	5208.162	---	PASS
		5230	36.324	5211.838	5248.162	---	PASS
		5270	36.384	5251.838	5288.222	---	PASS
		5310	36.384	5291.838	5328.222	---	PASS
		5510	36.384	5491.778	5528.162	---	PASS
		5550	36.384	5531.778	5568.162	---	PASS
		5670	36.384	5651.778	5688.162	---	PASS
		5755	36.384	5736.778	5773.162	---	PASS
		5795	36.384	5776.778	5813.162	---	PASS
11AC80SISO	Ant1	5210	75.644	5172.238	5247.882	---	PASS
		5290	75.644	5252.238	5327.882	---	PASS
		5530	75.884	5491.998	5567.882	---	PASS
		5610	75.884	5571.998	5647.882	---	PASS
		5775	75.764	5736.998	5812.762	---	PASS

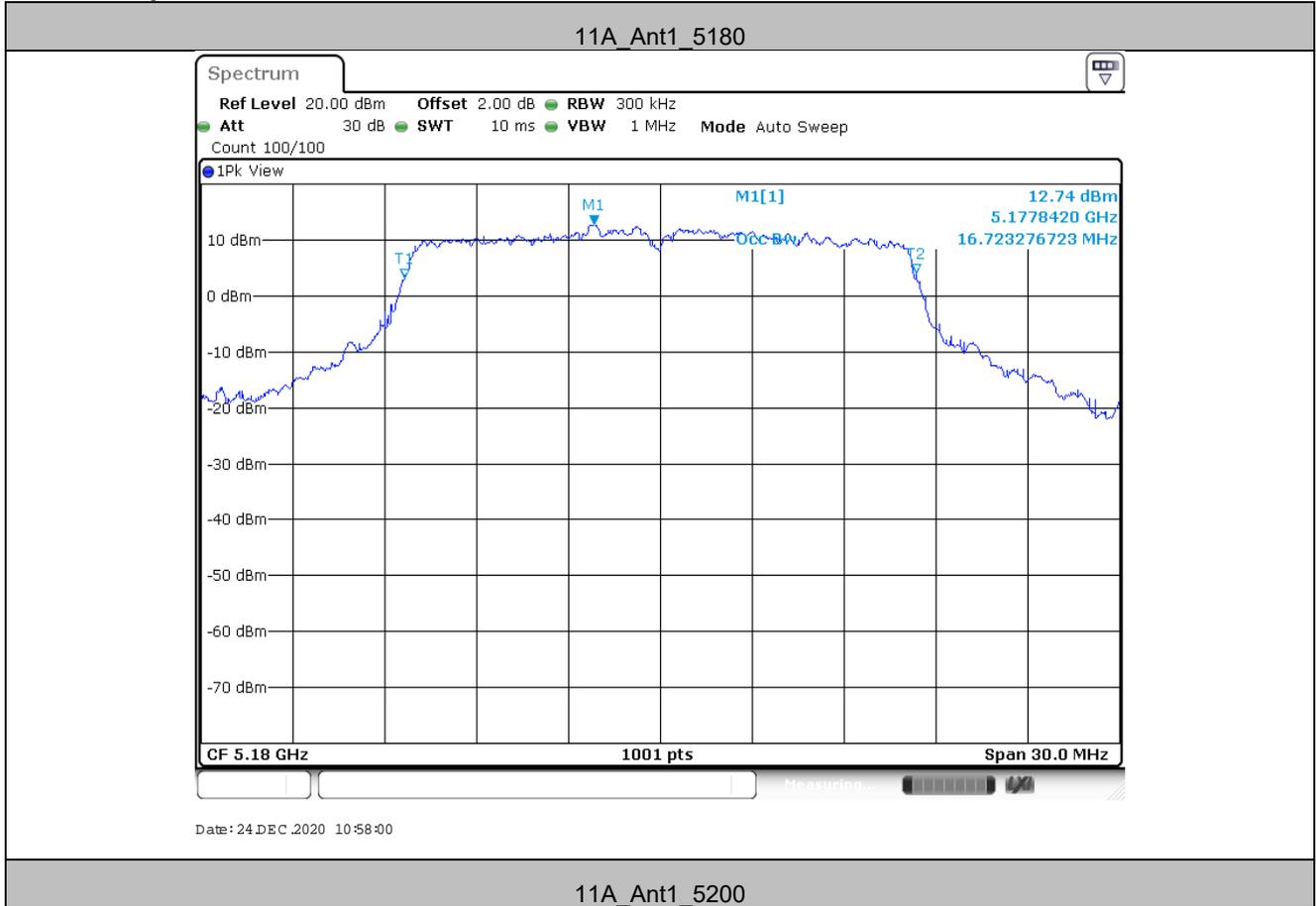


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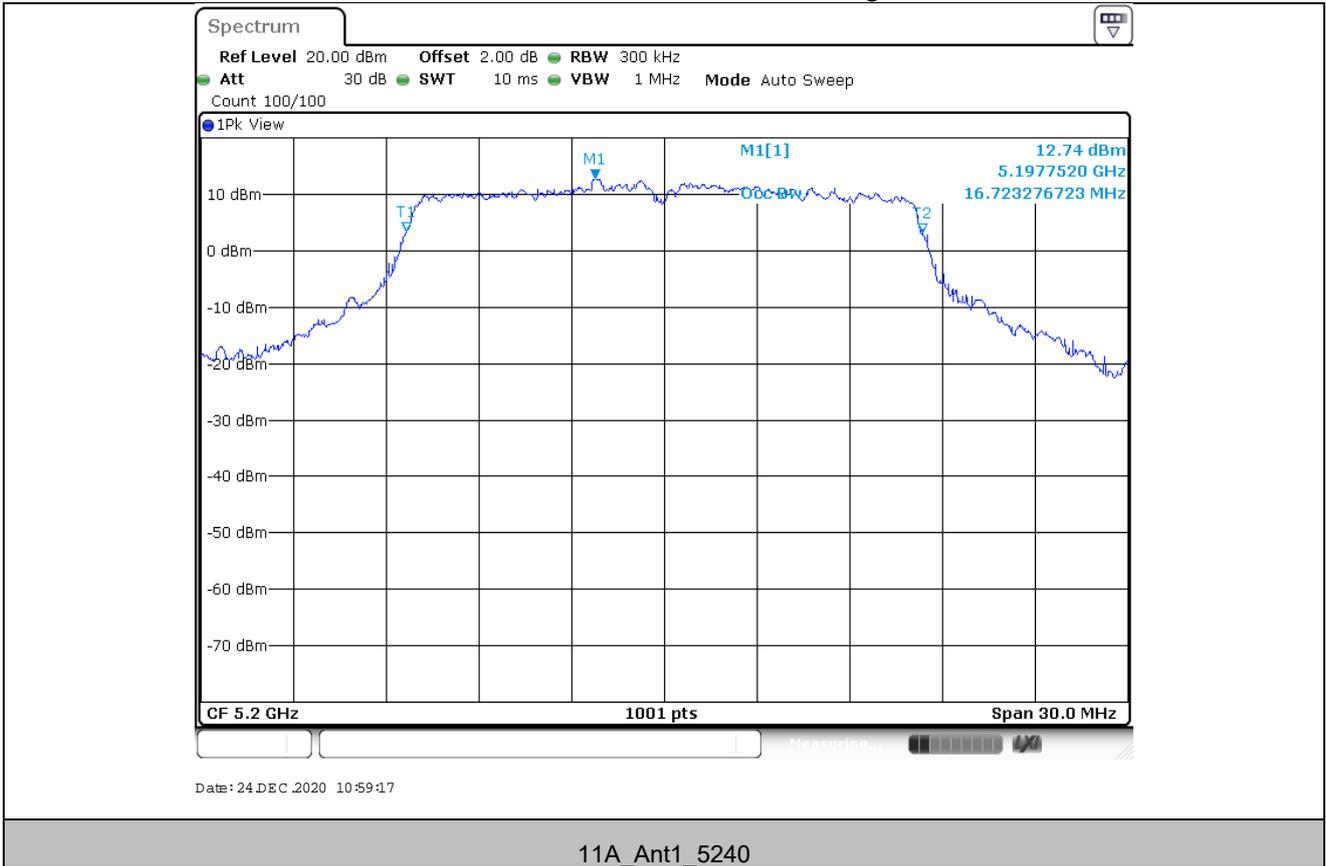
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Test Graphs



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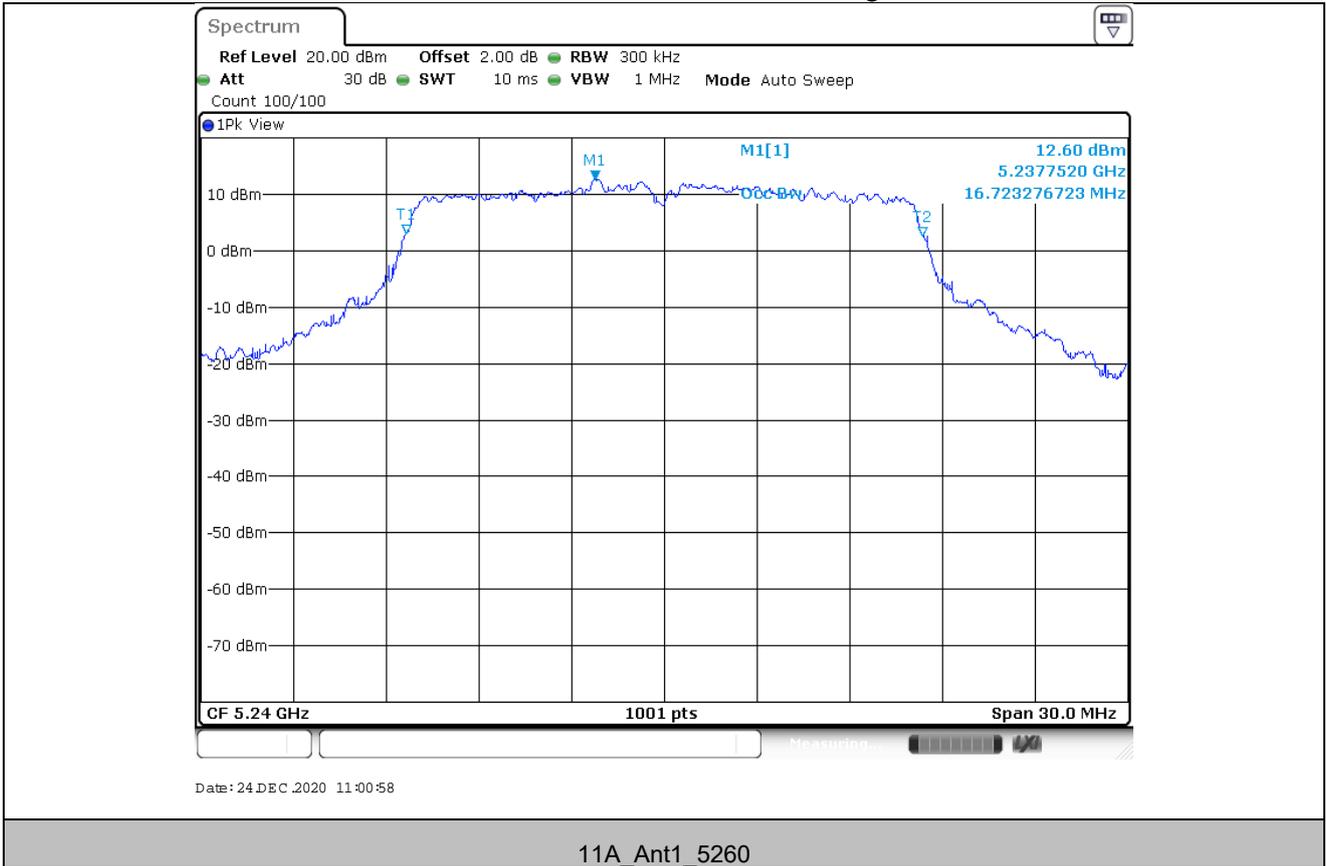
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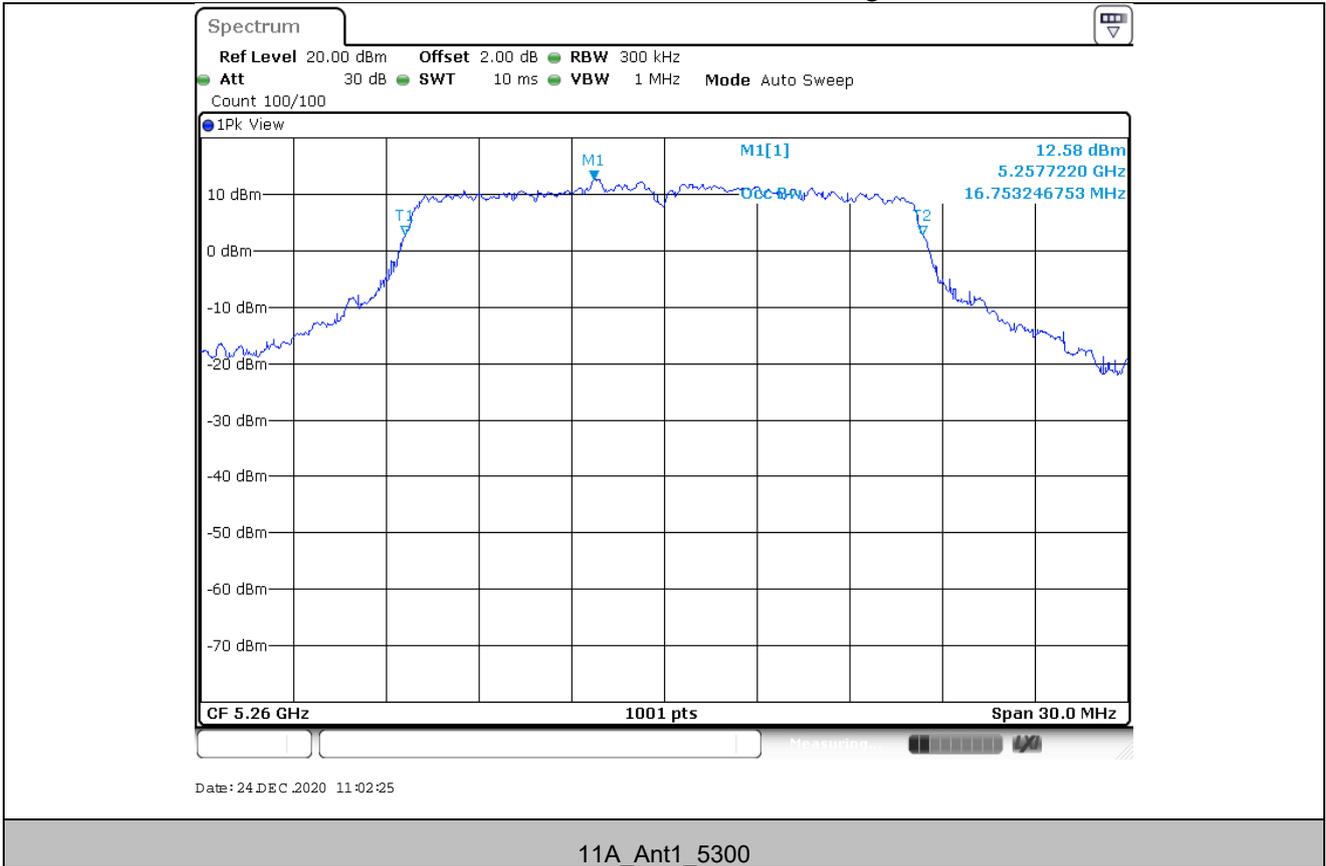
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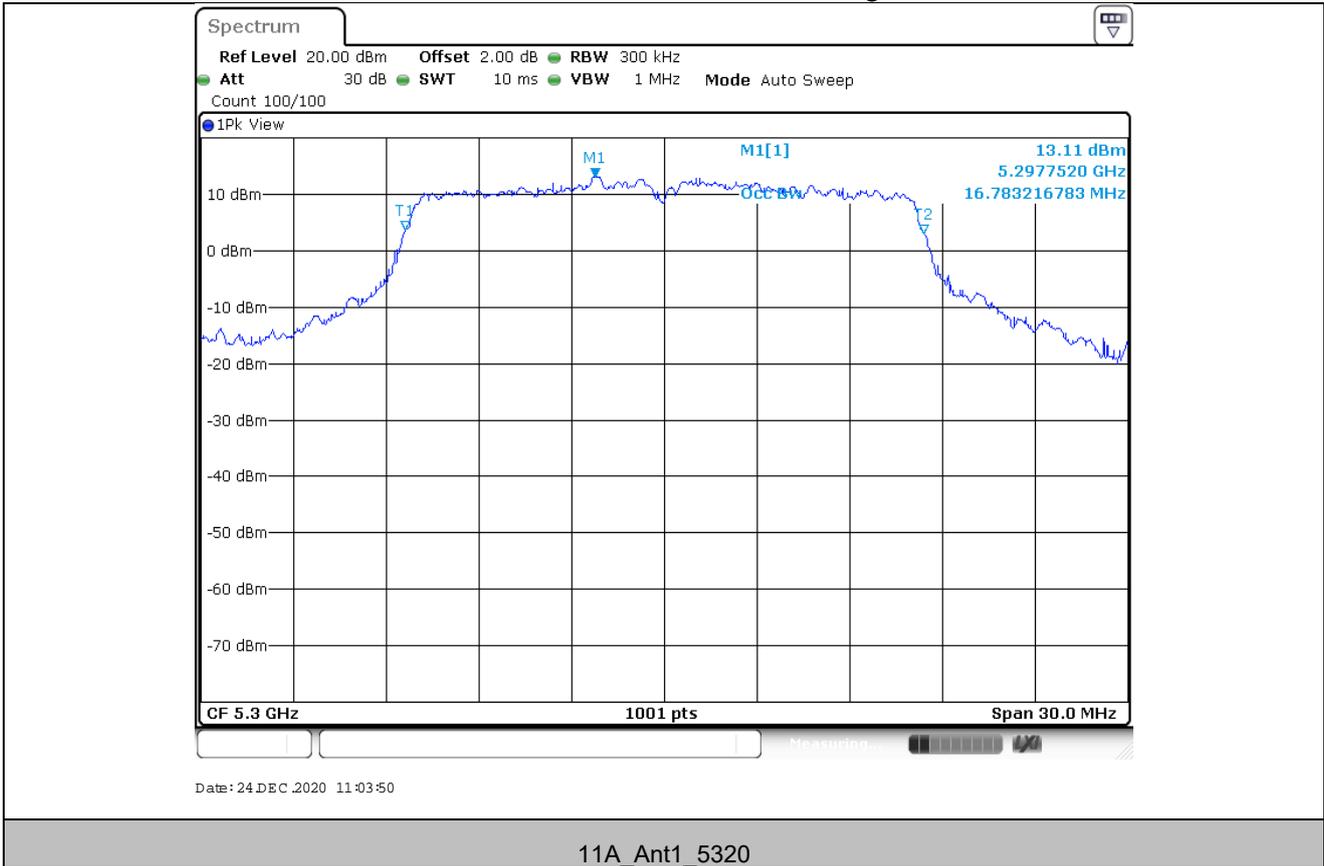
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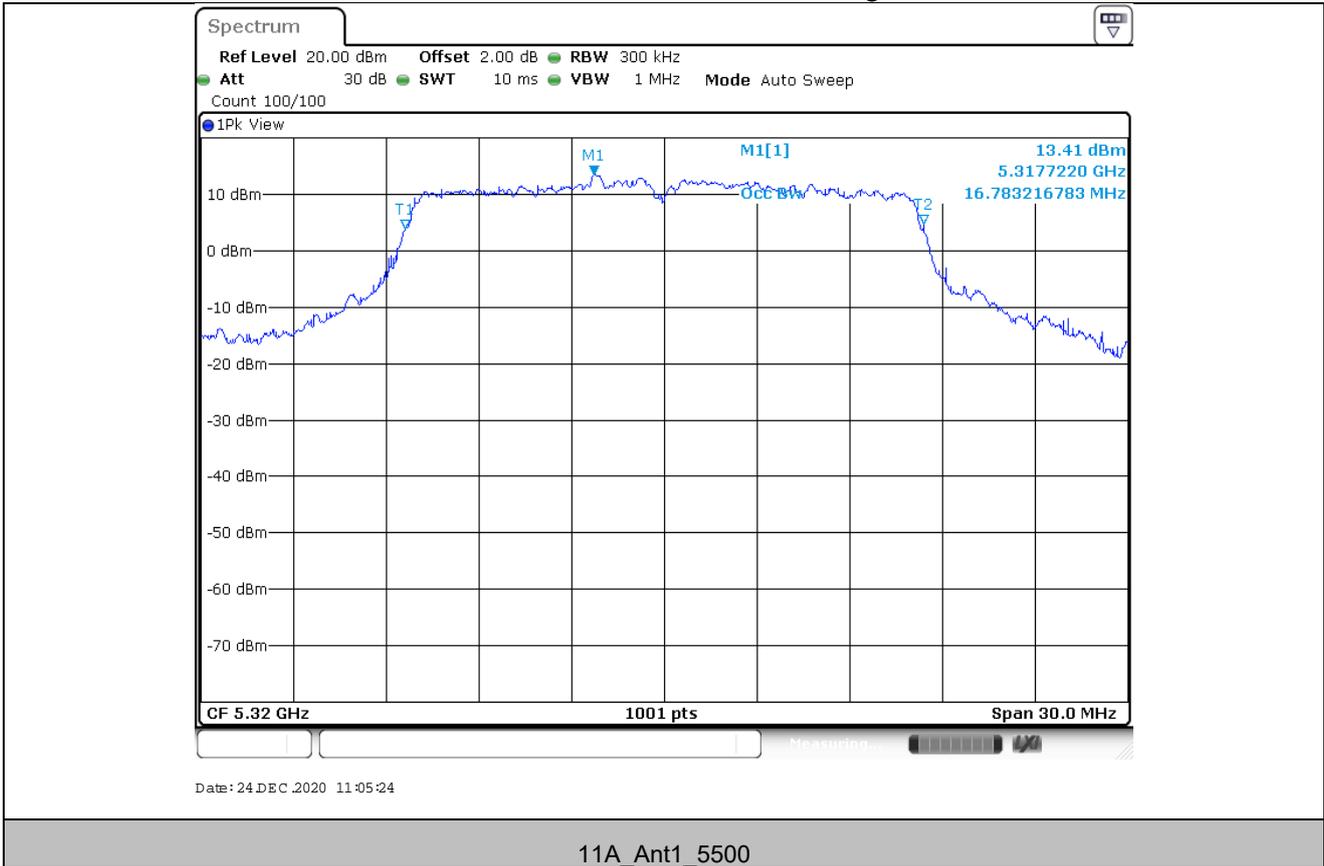
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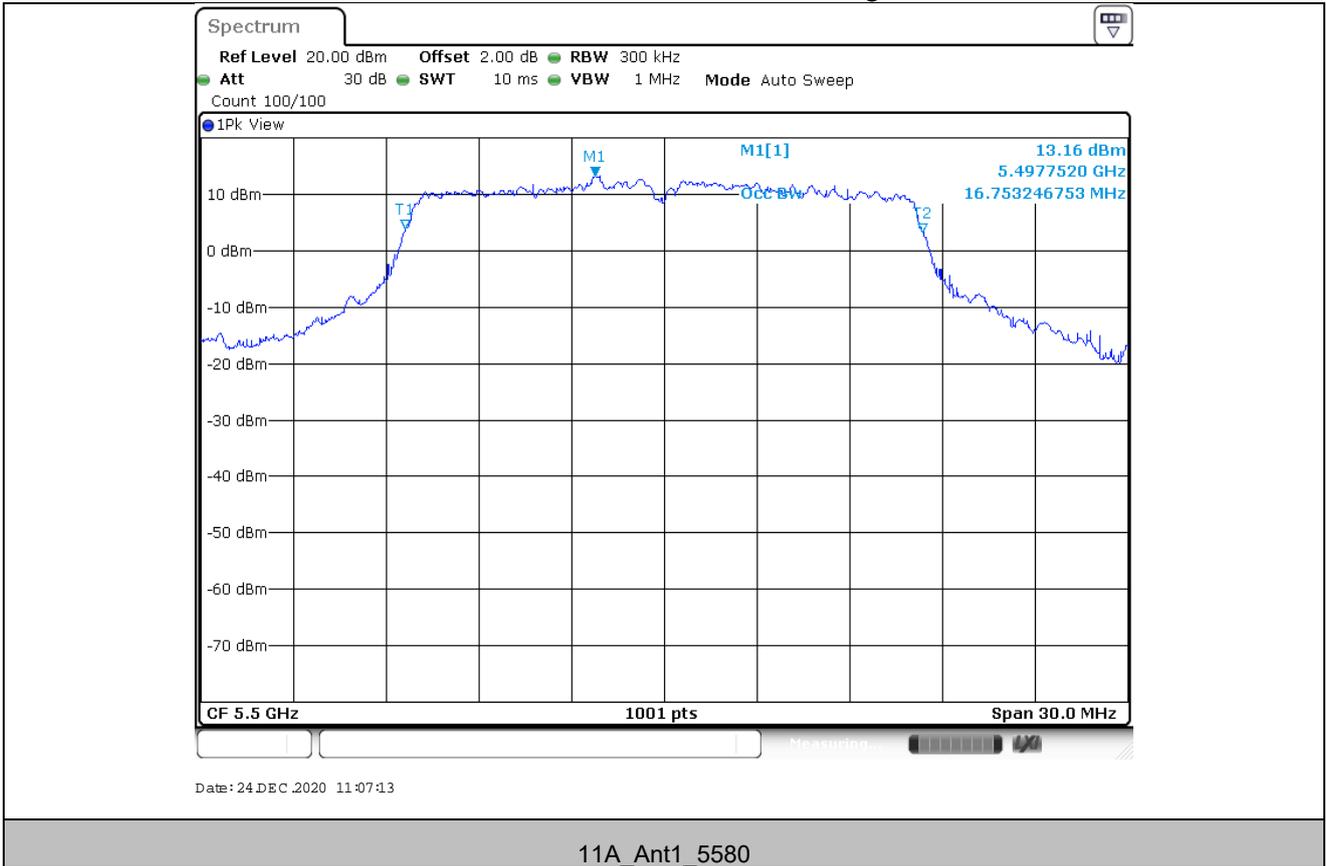
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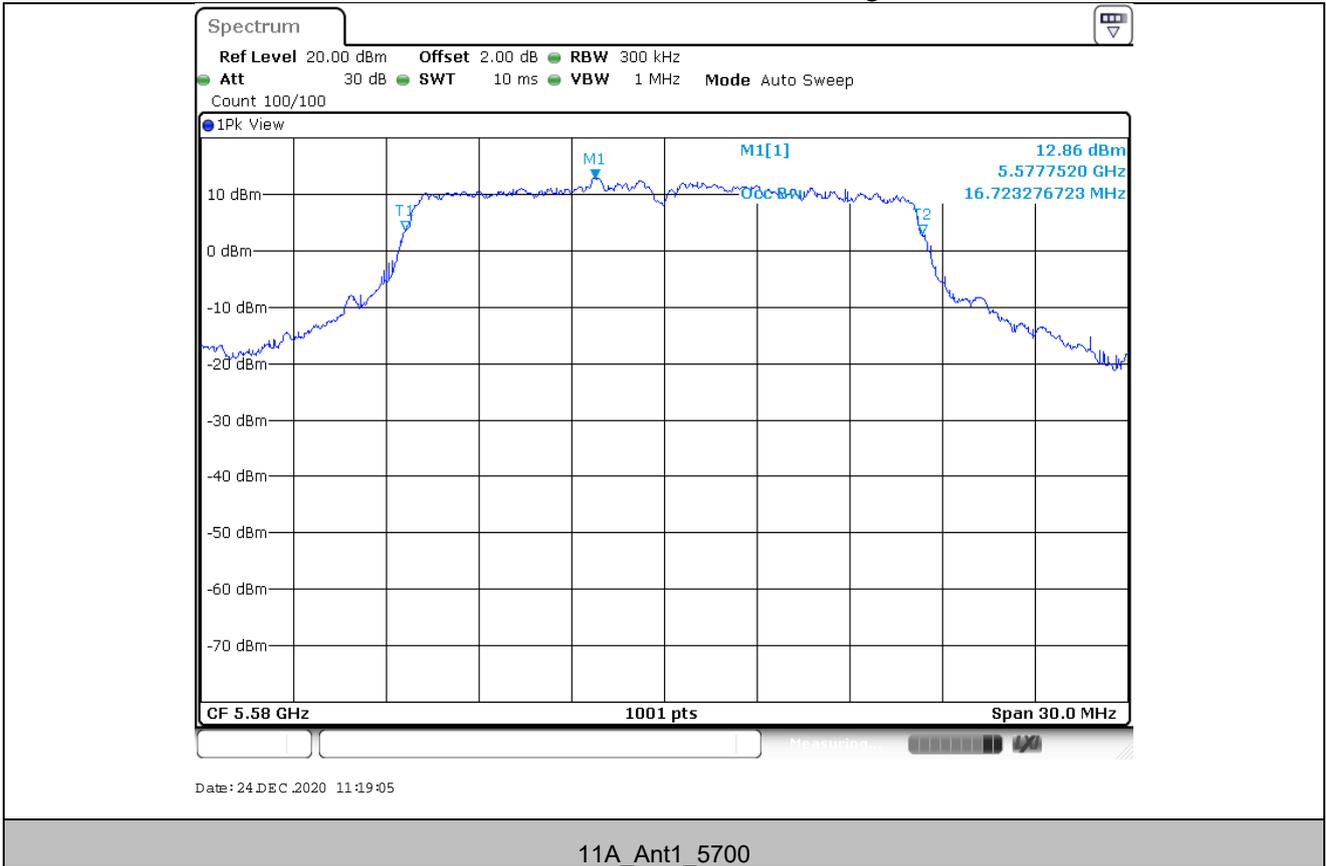
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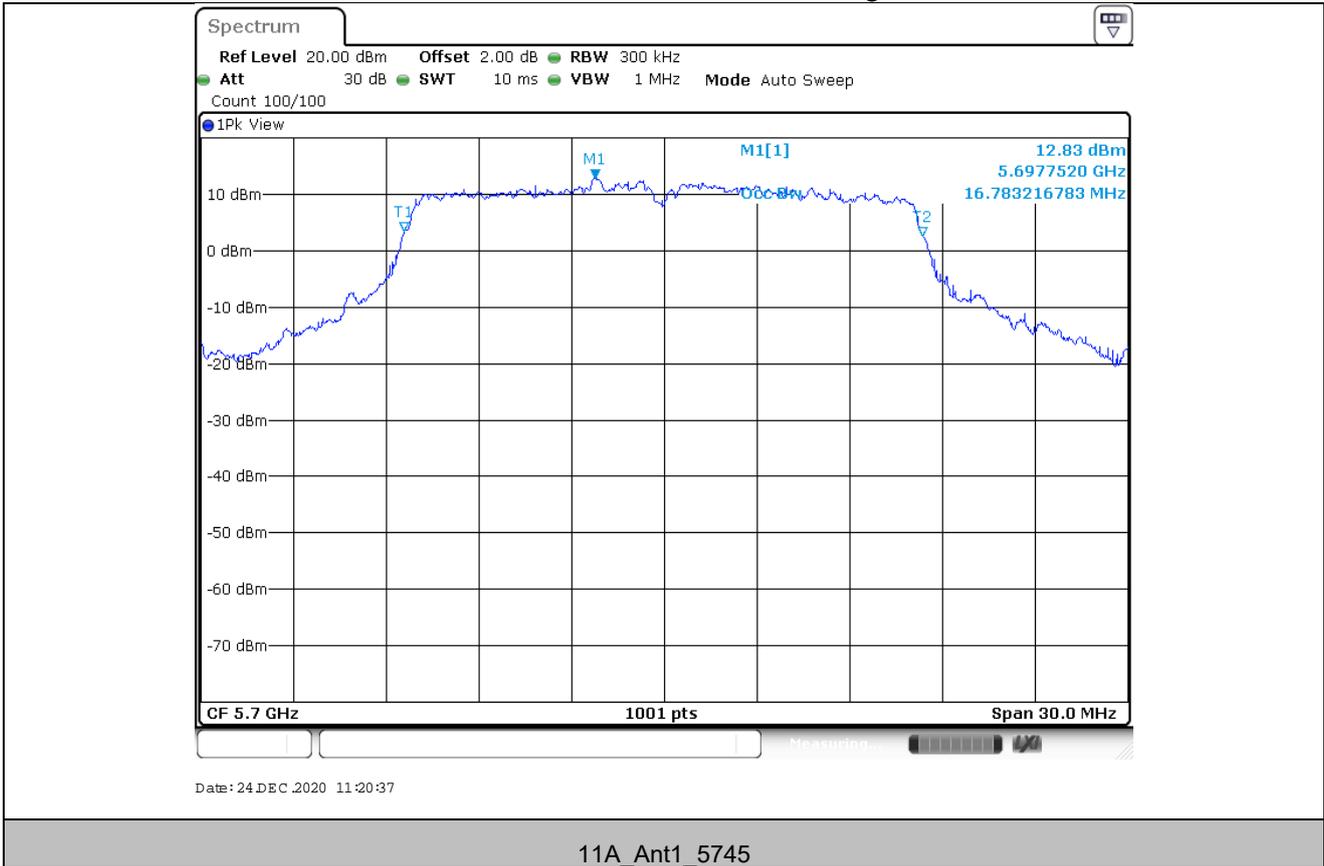
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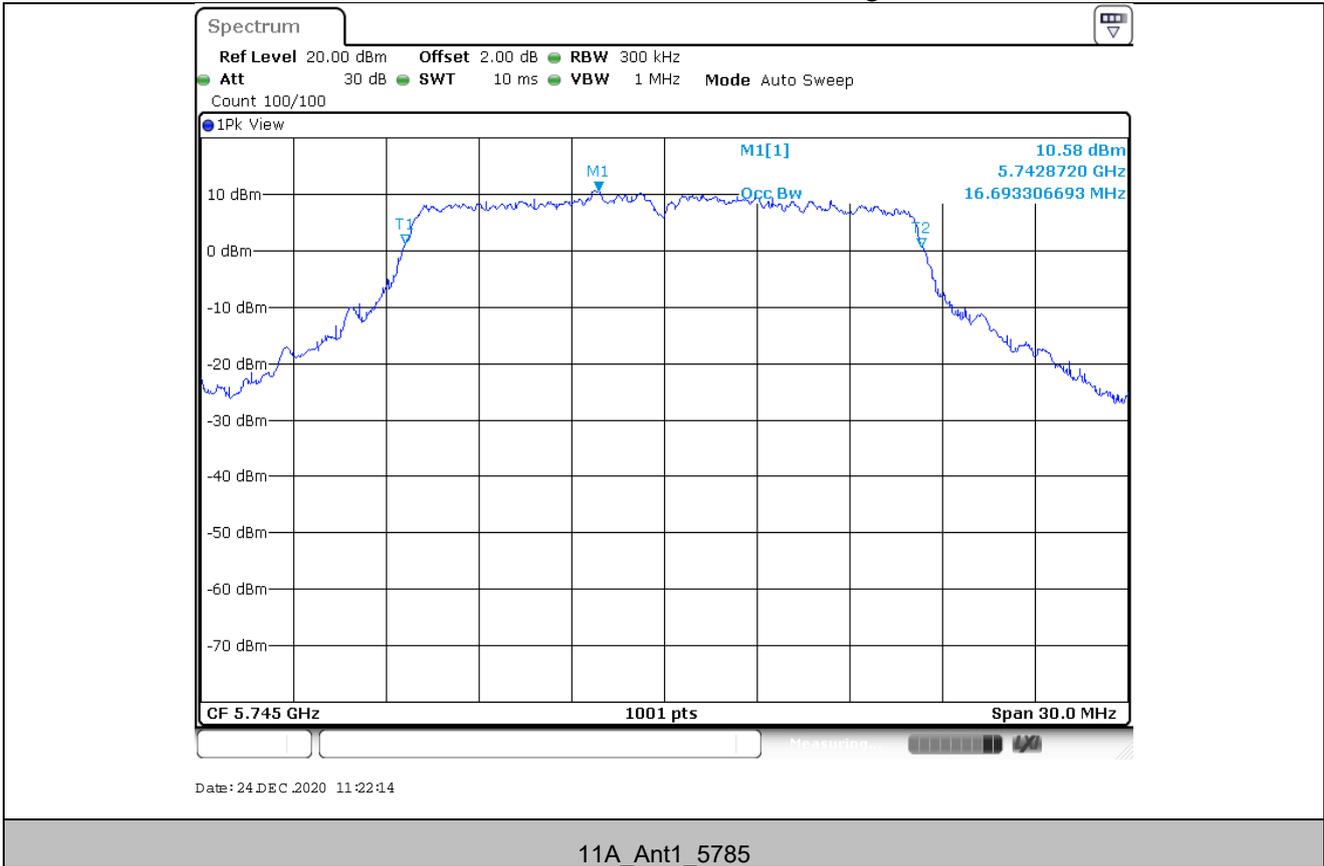
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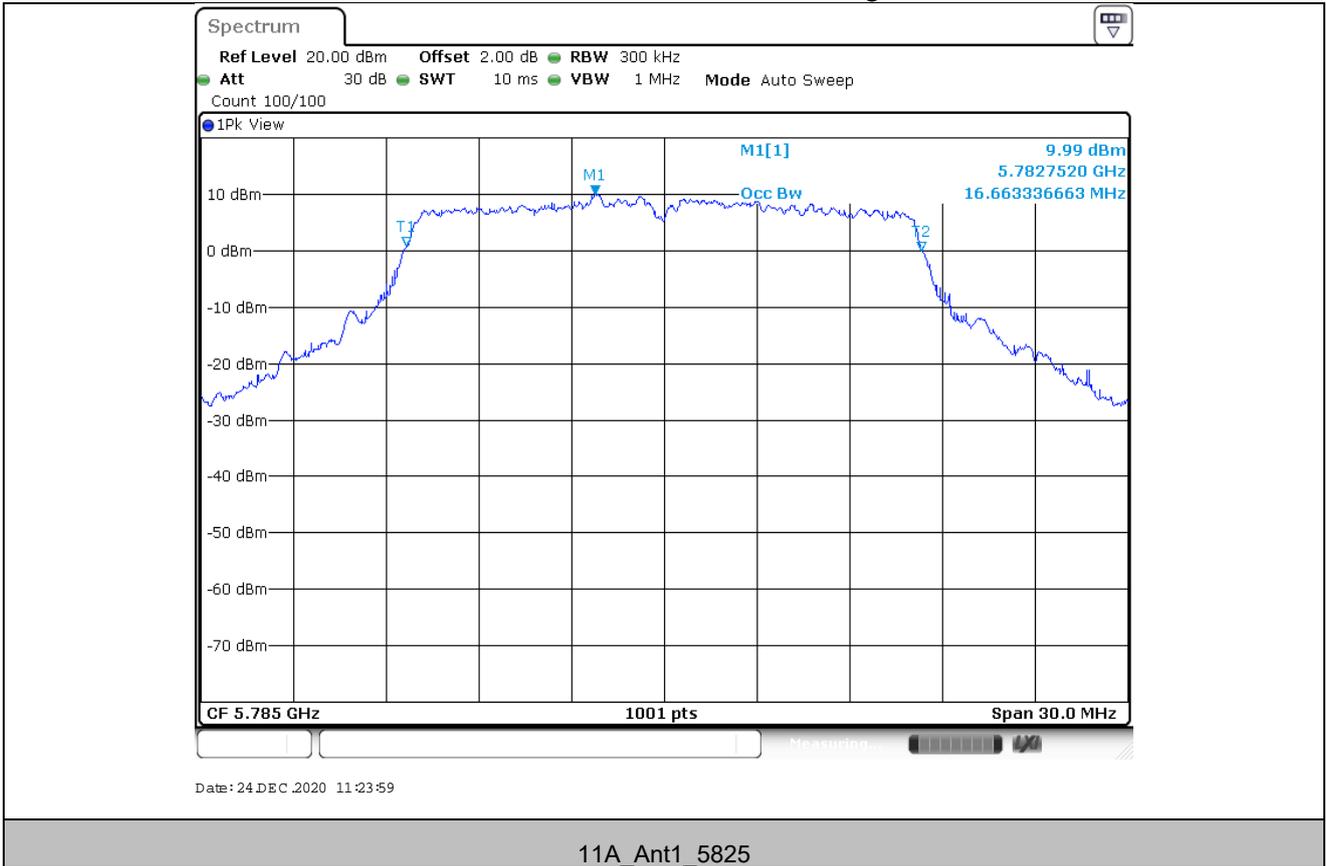


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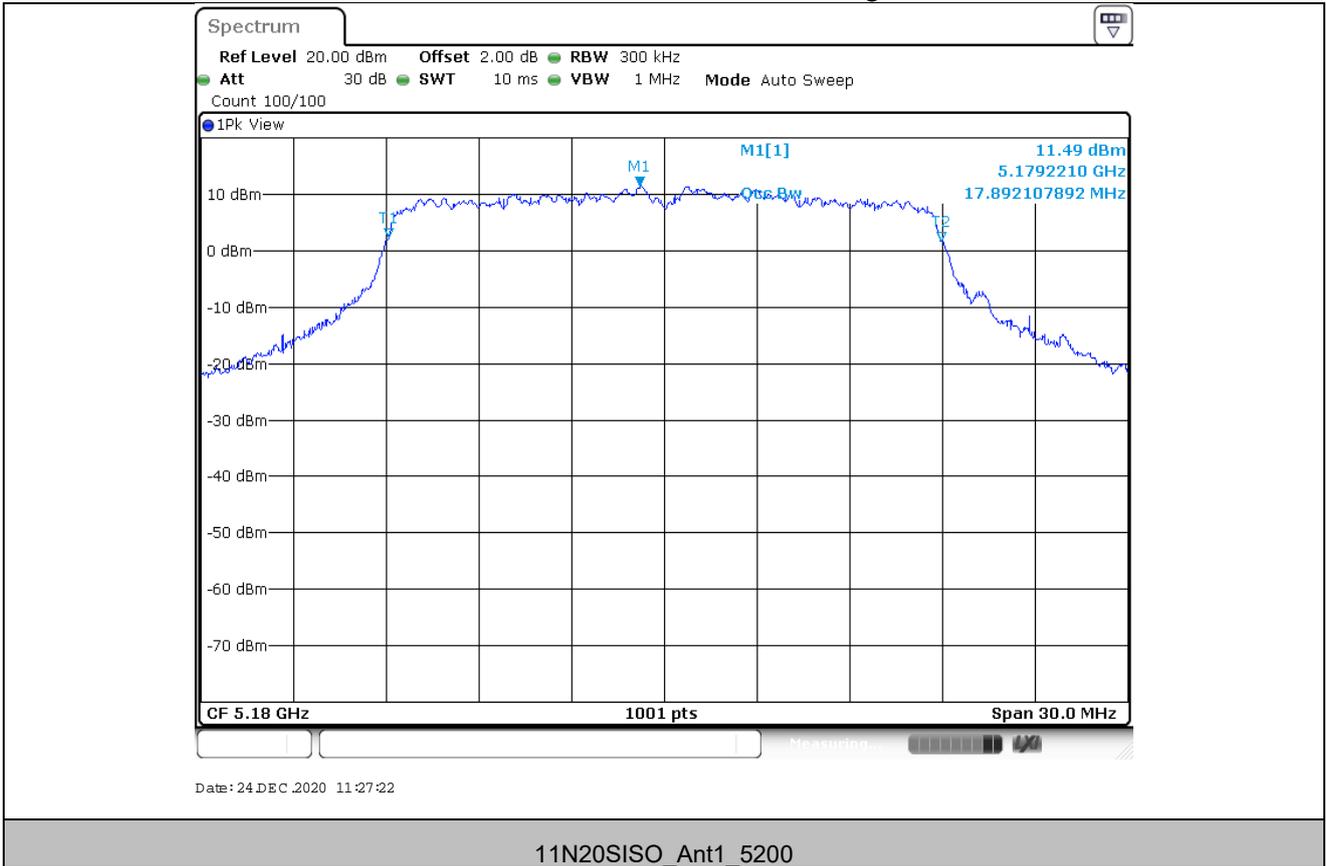
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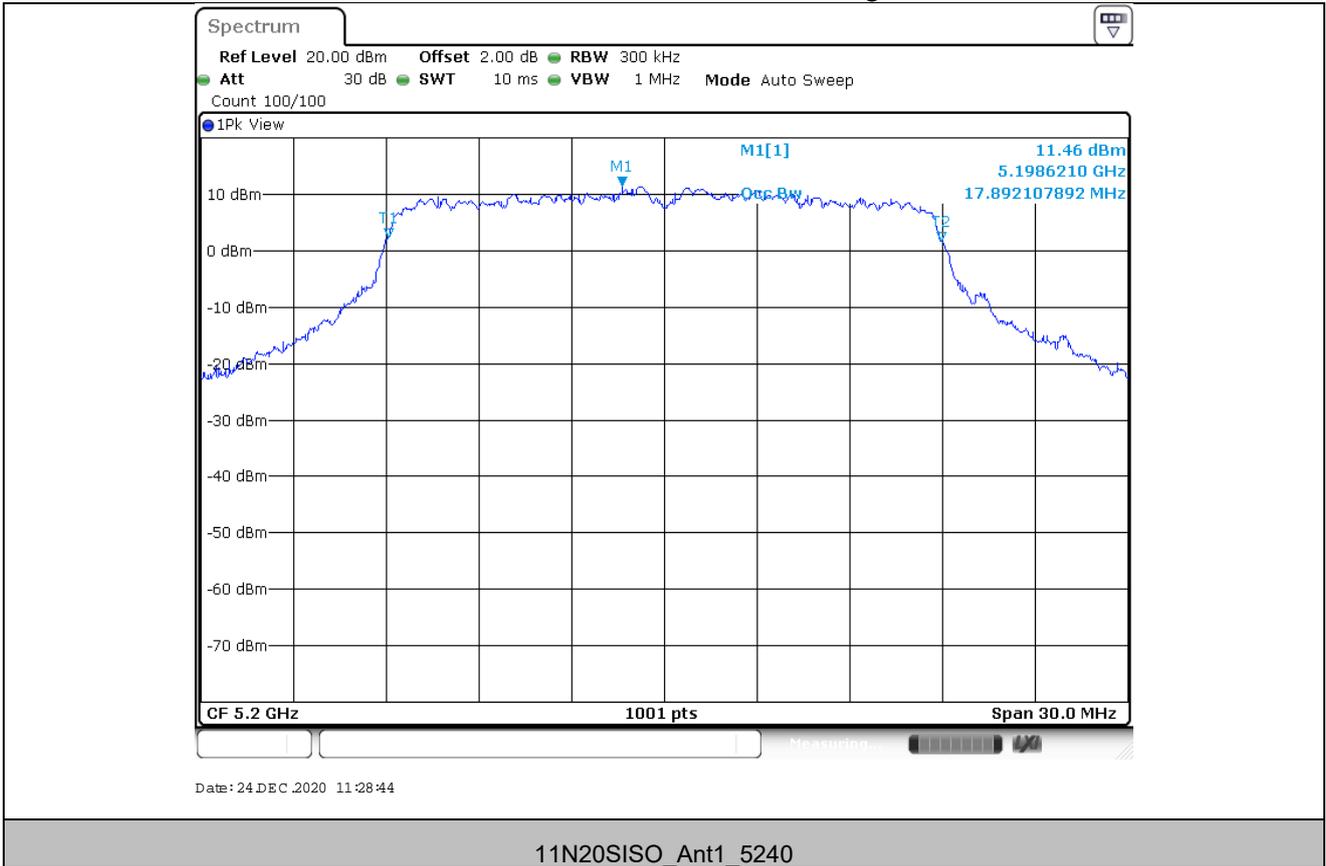
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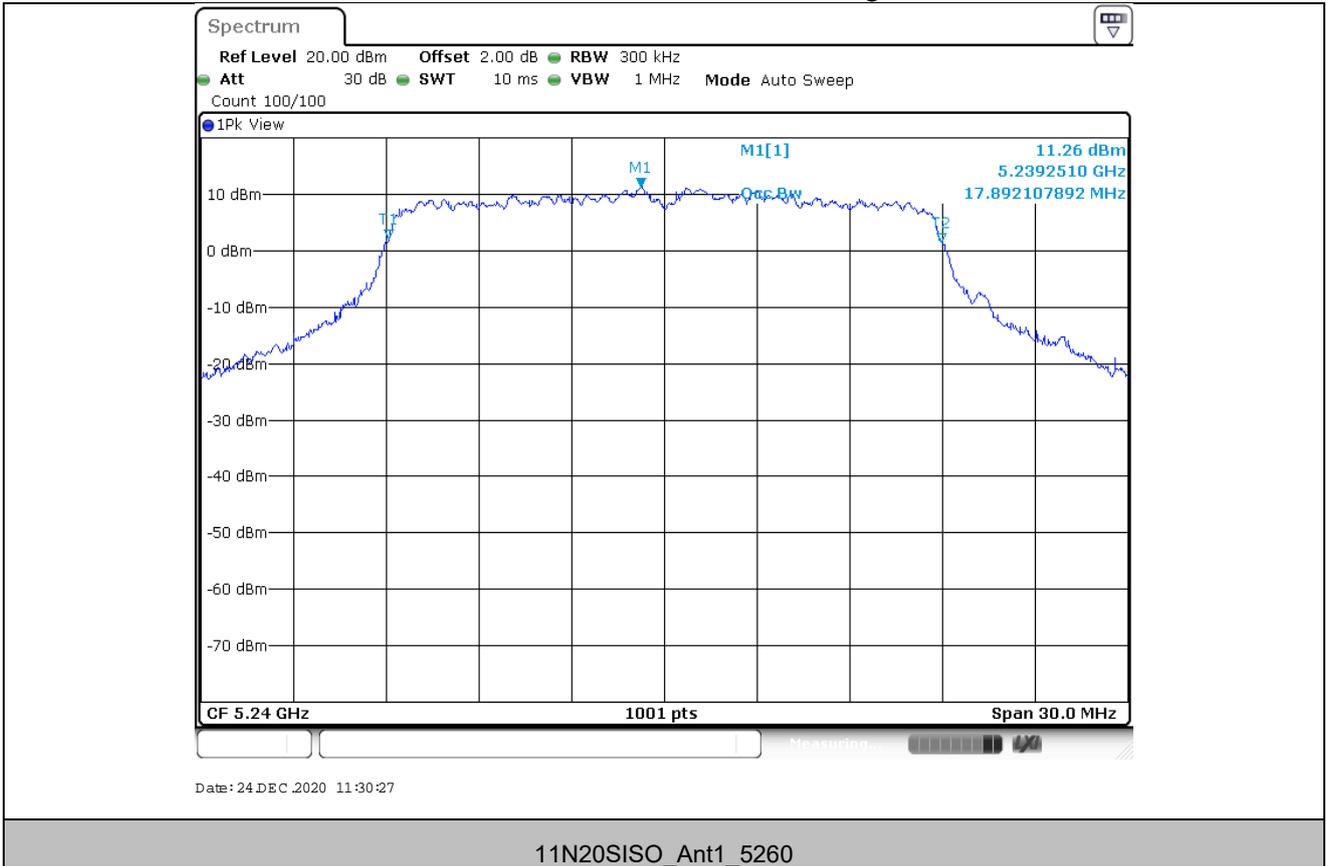


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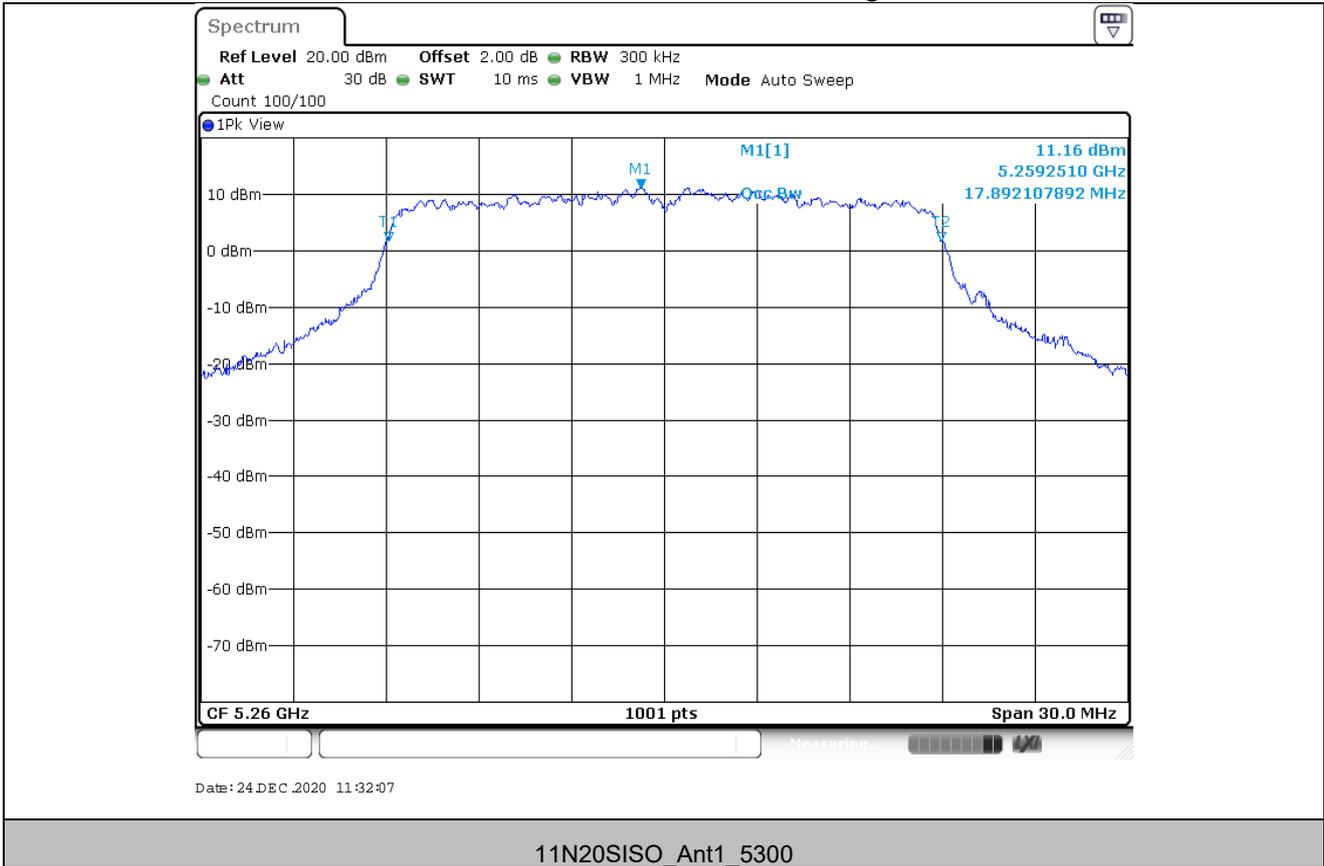
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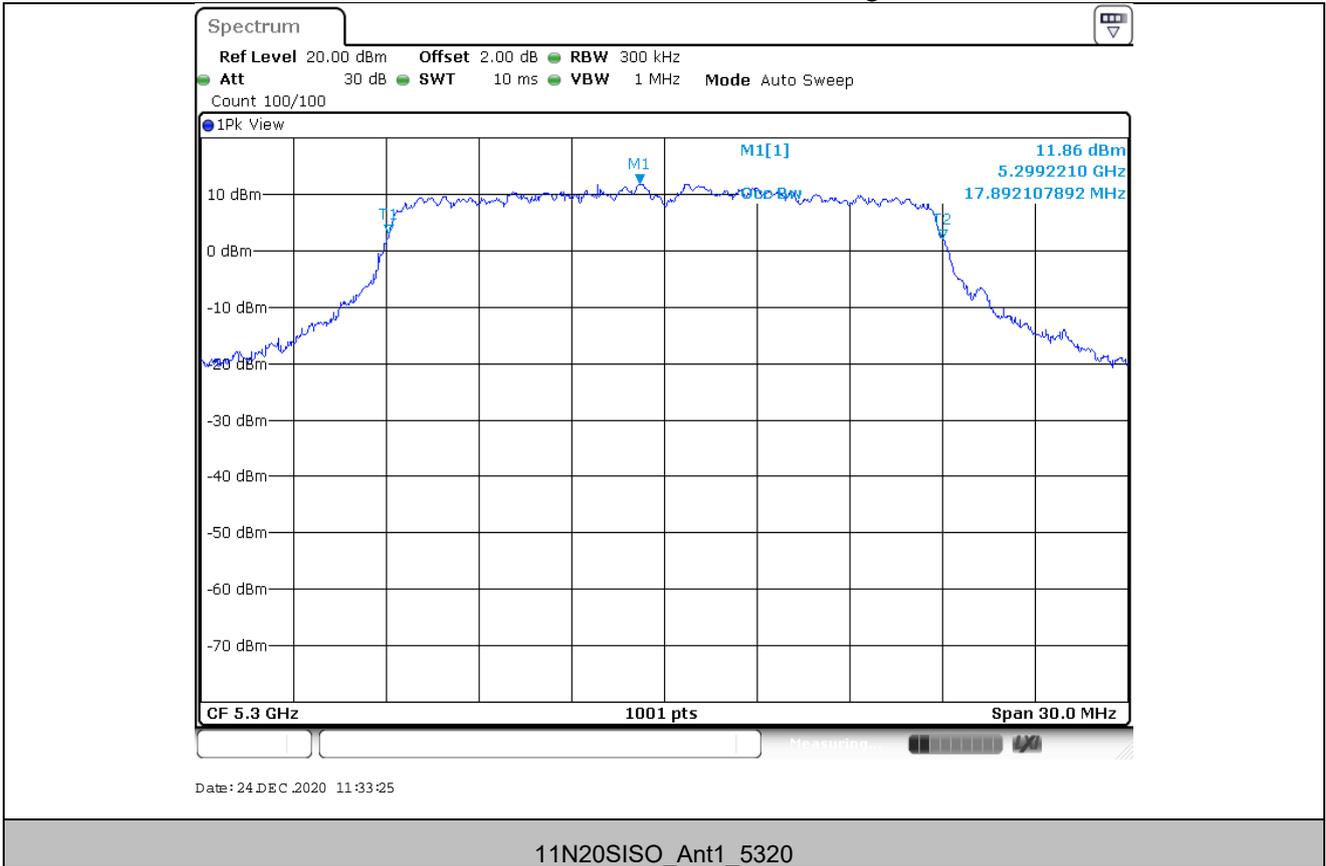


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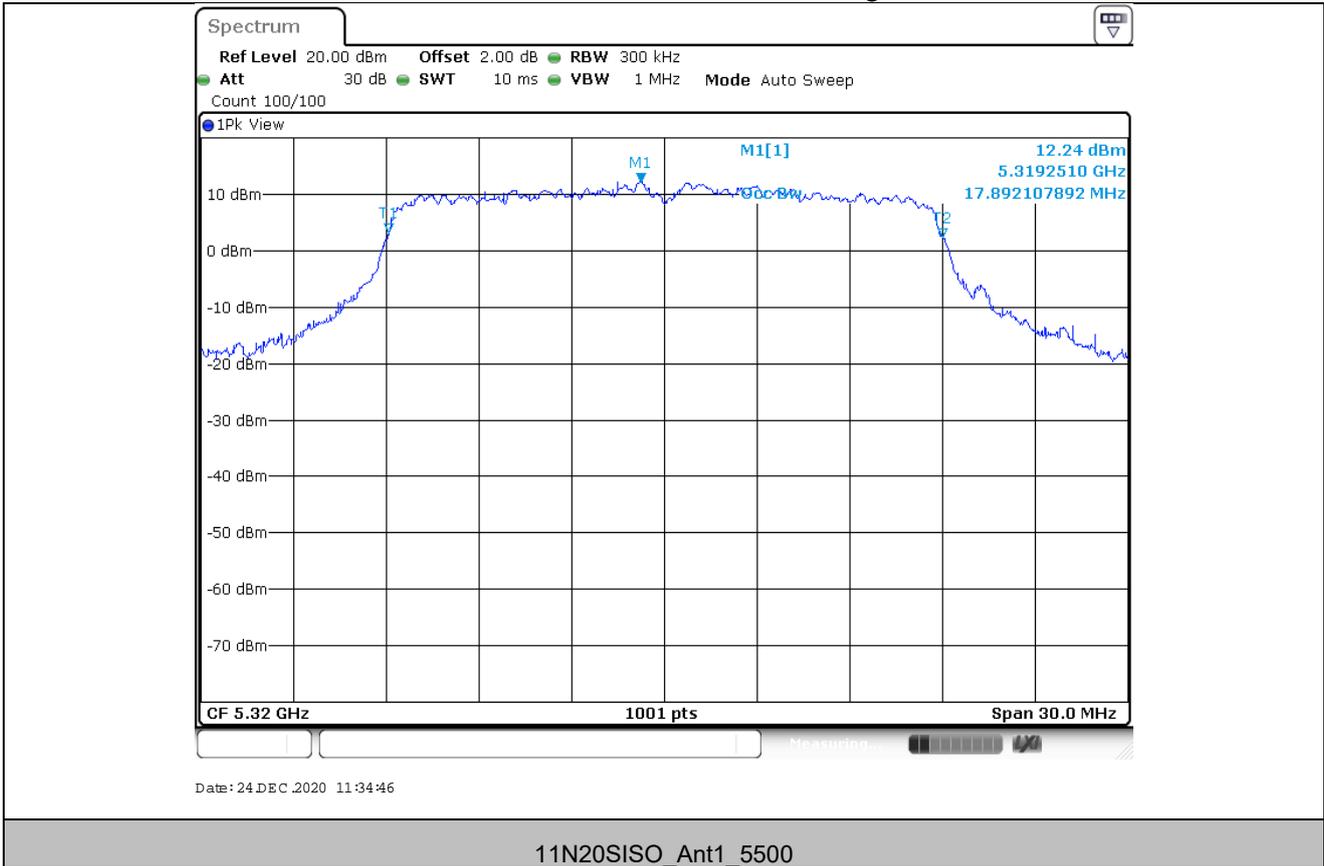
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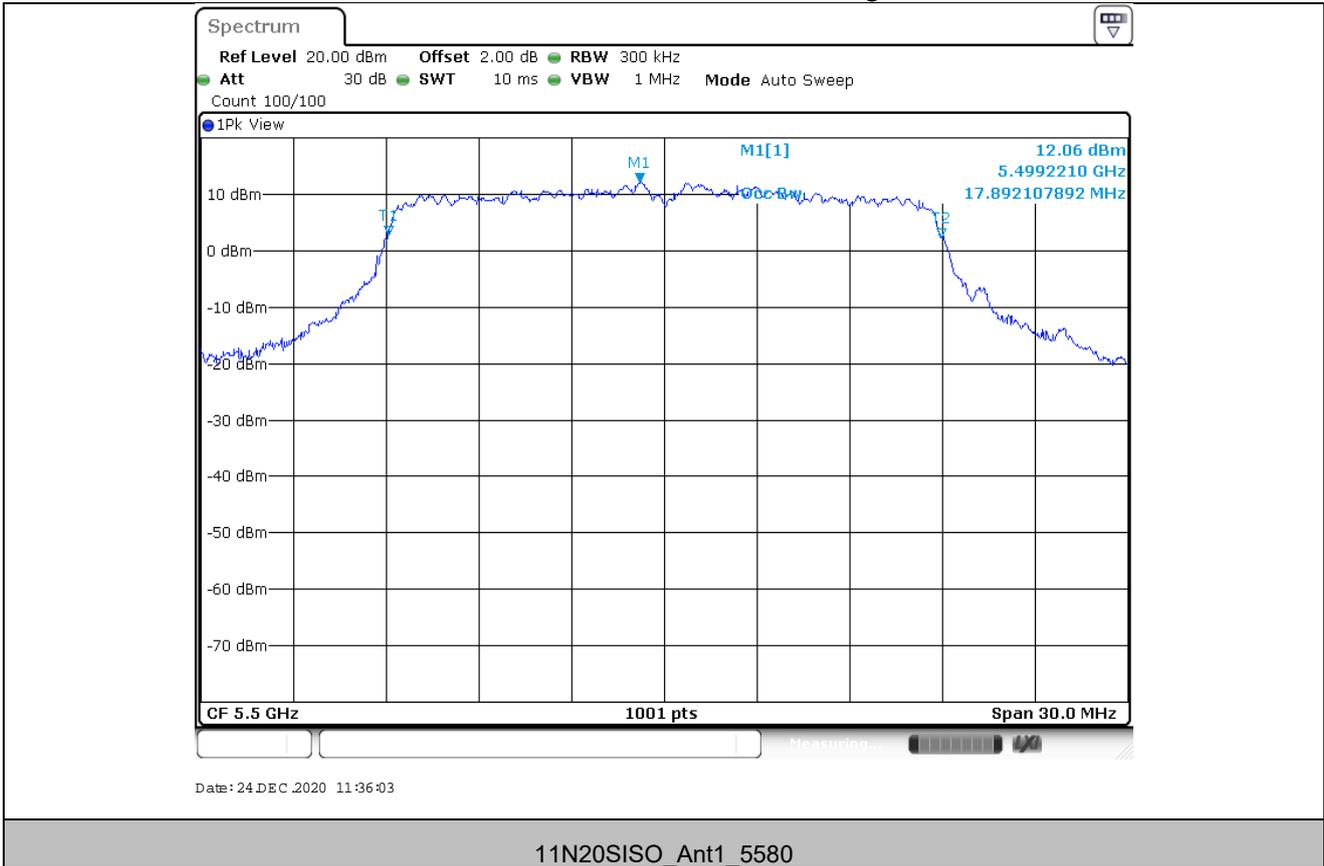
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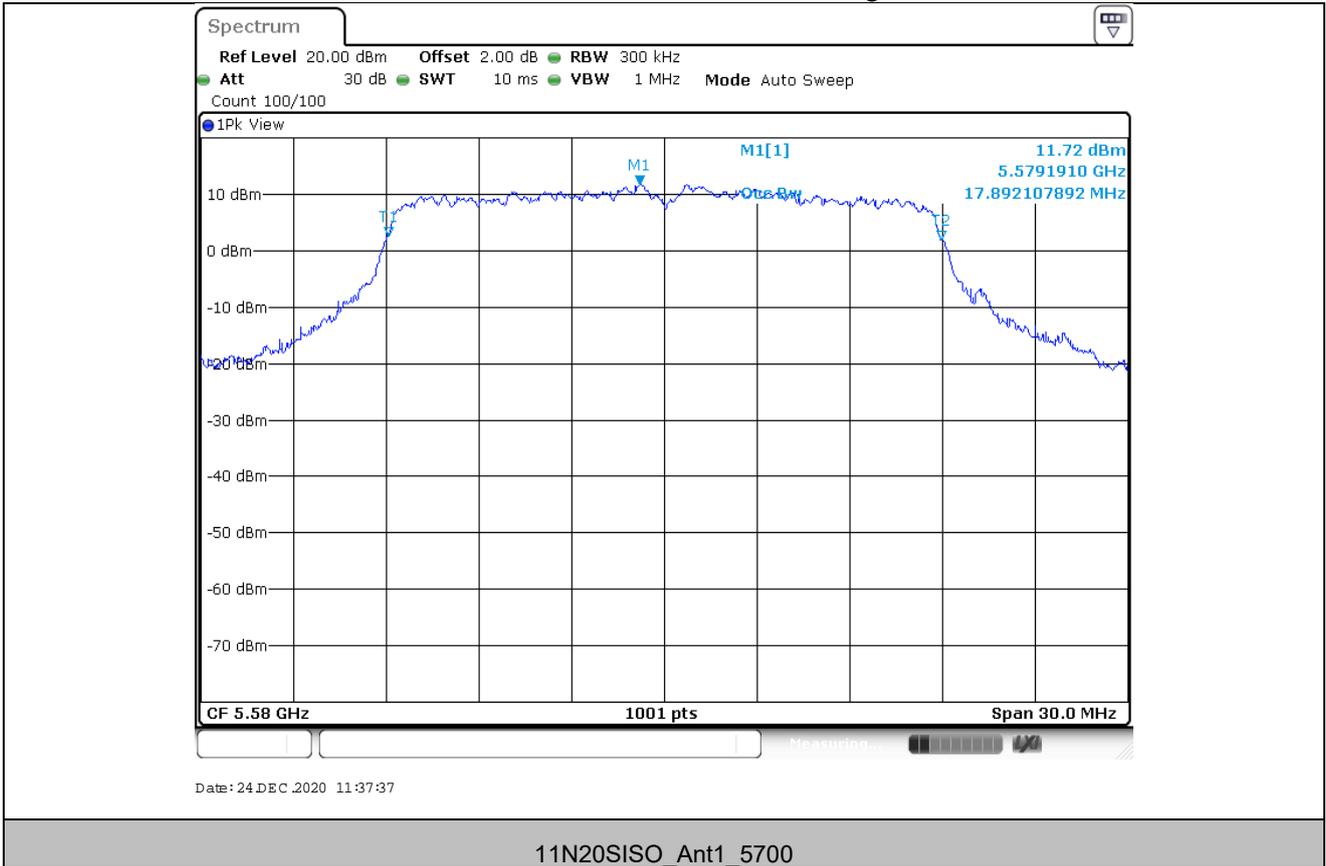
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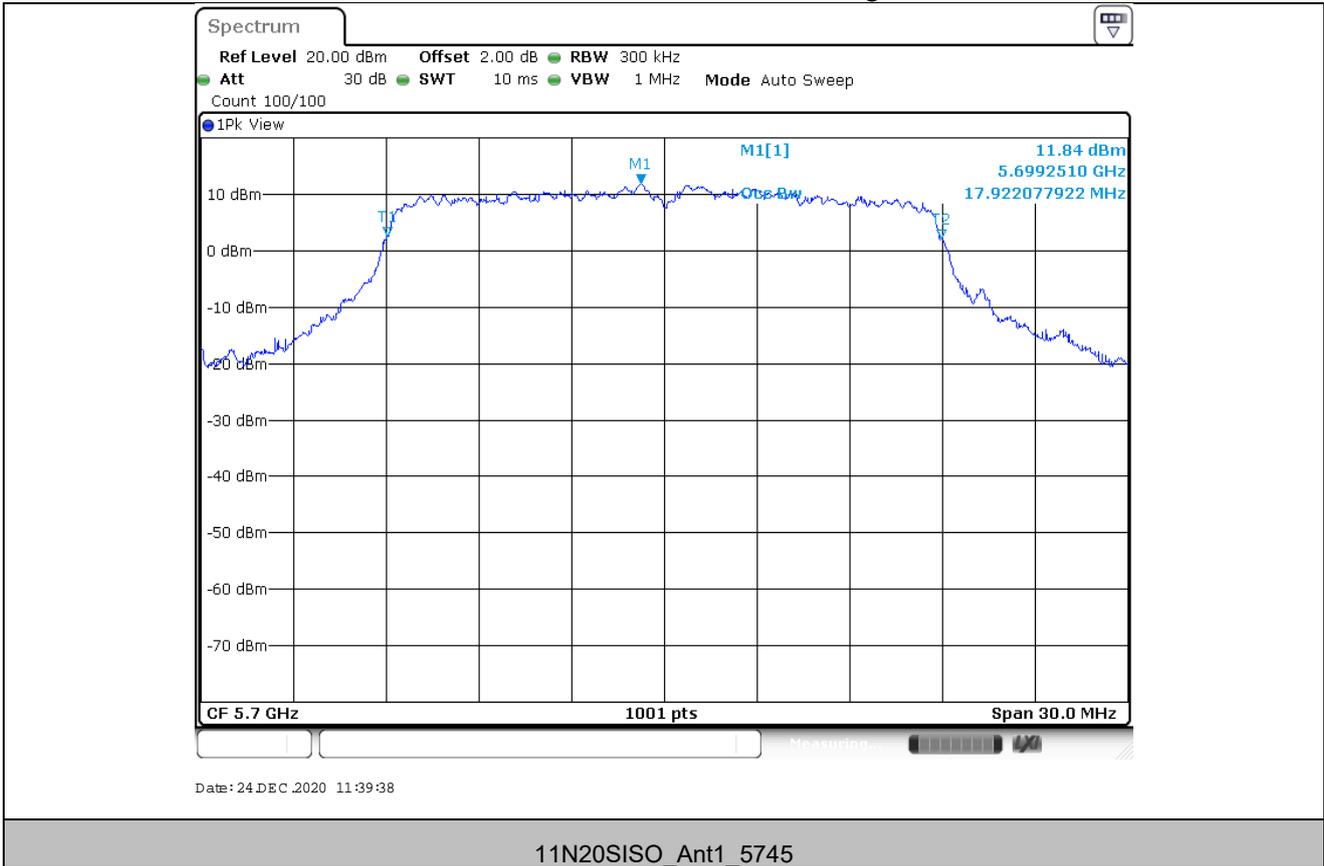
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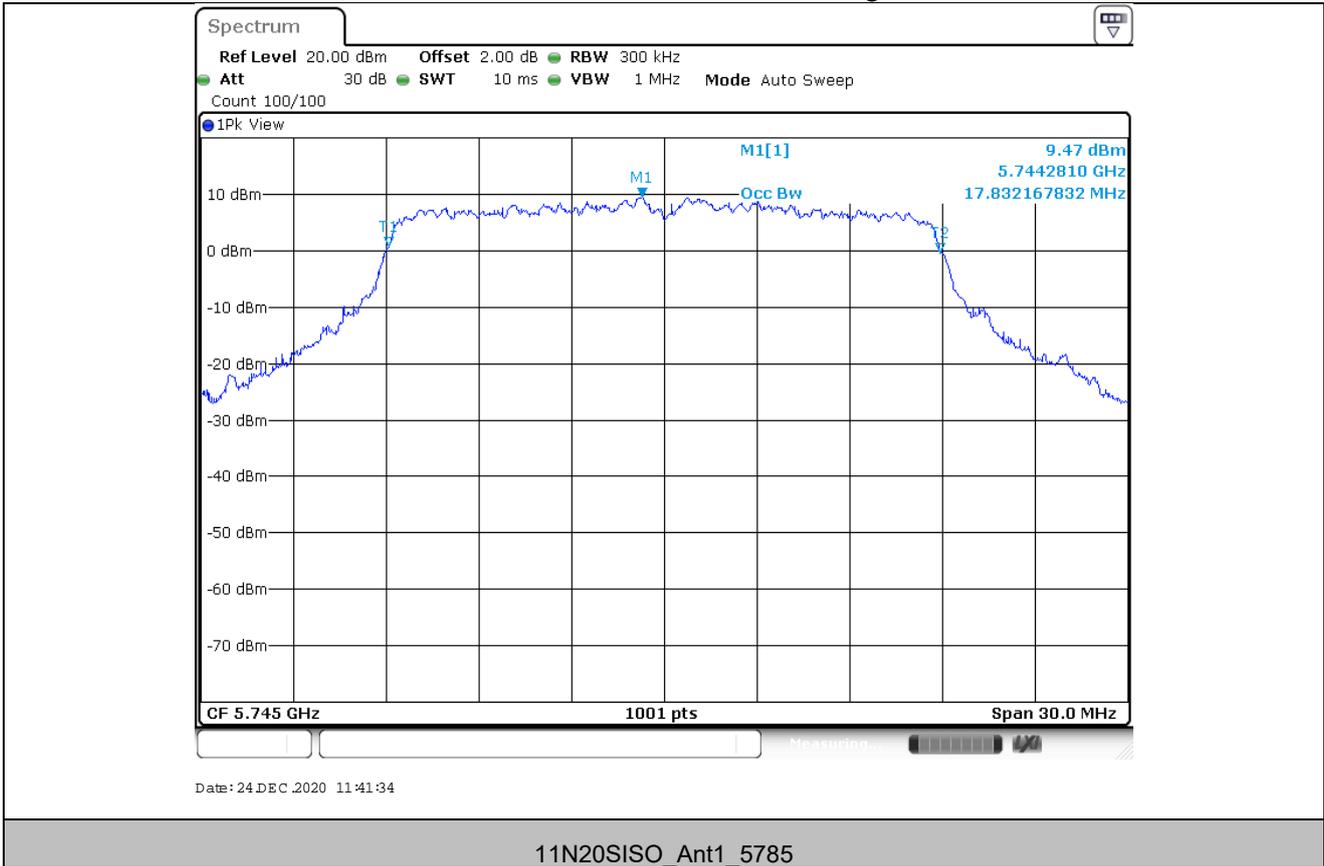


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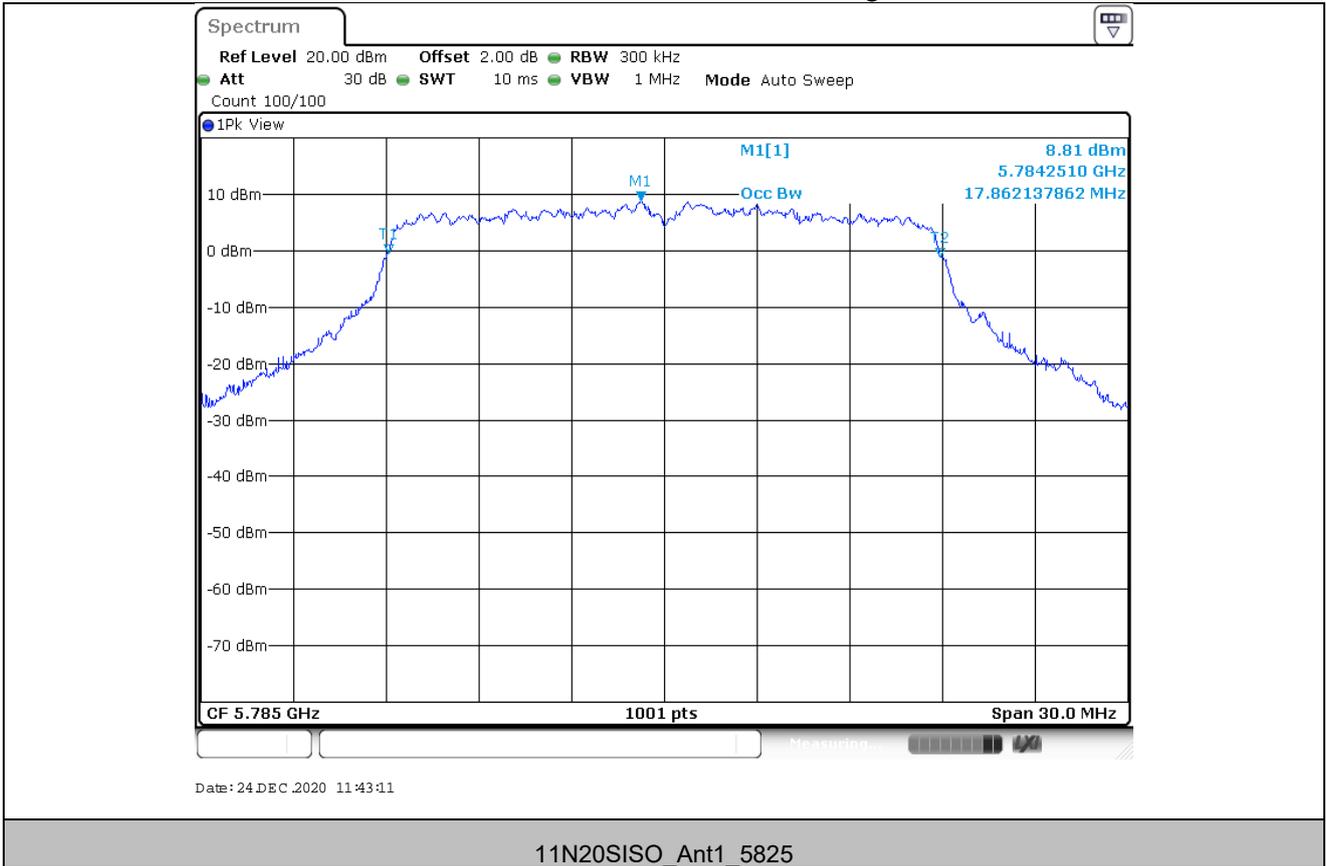
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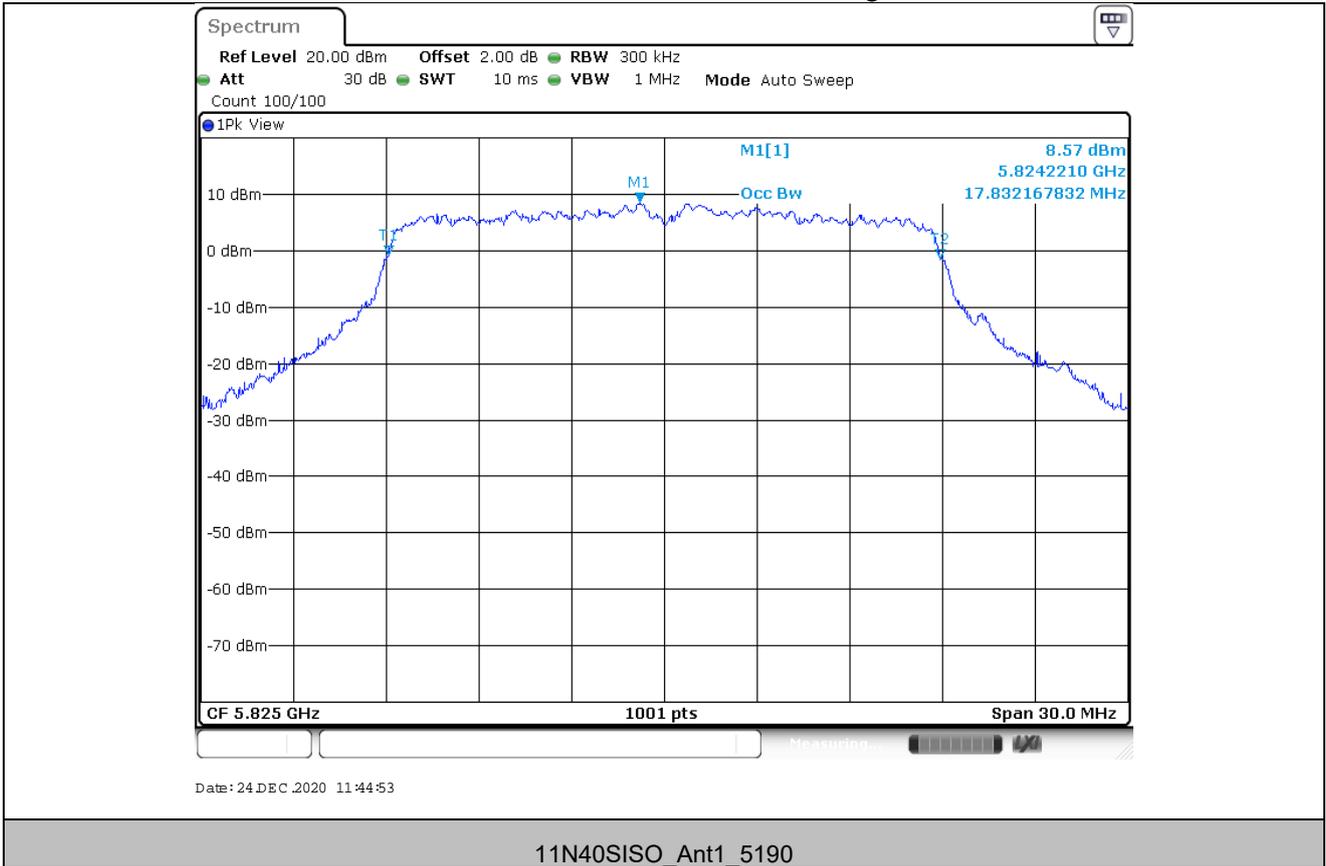
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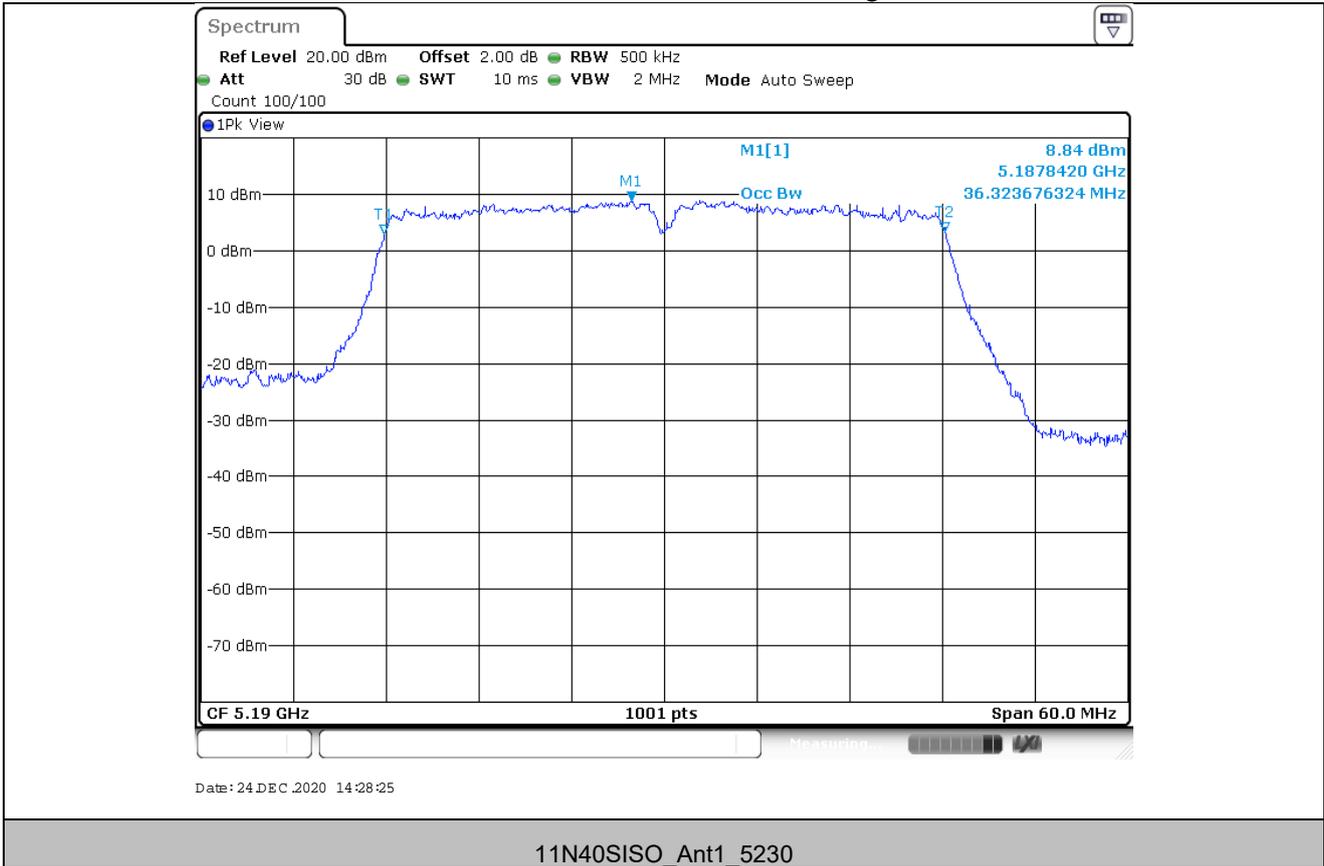
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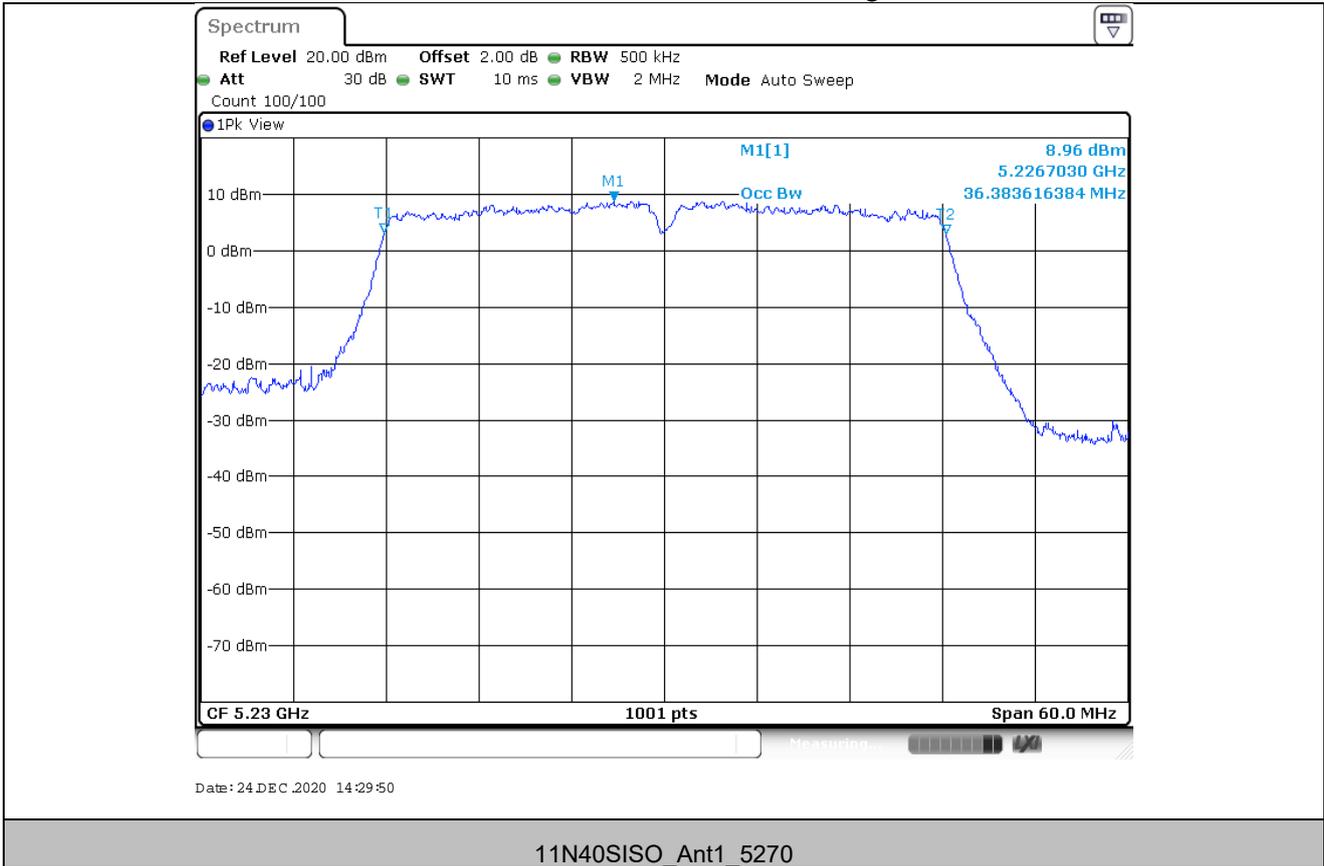
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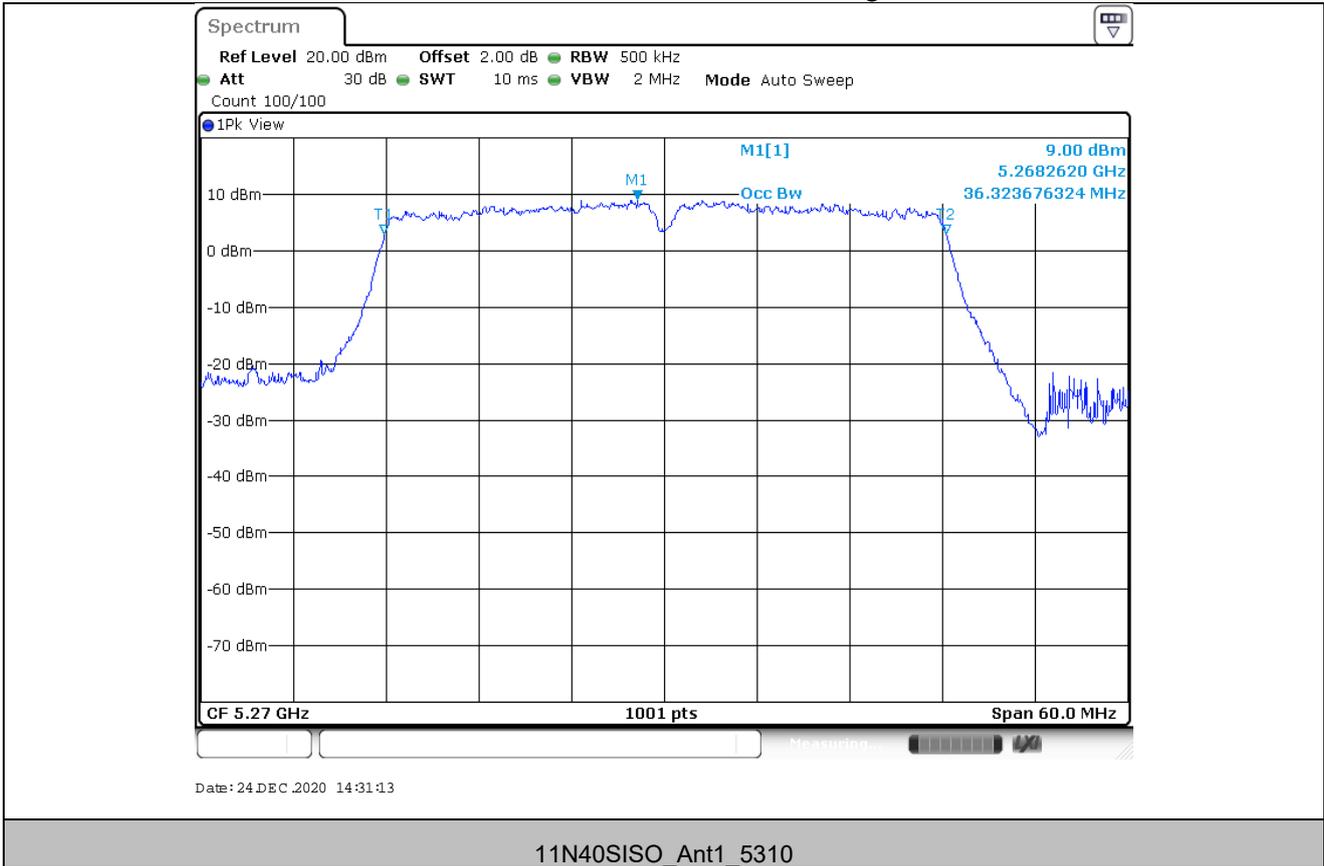
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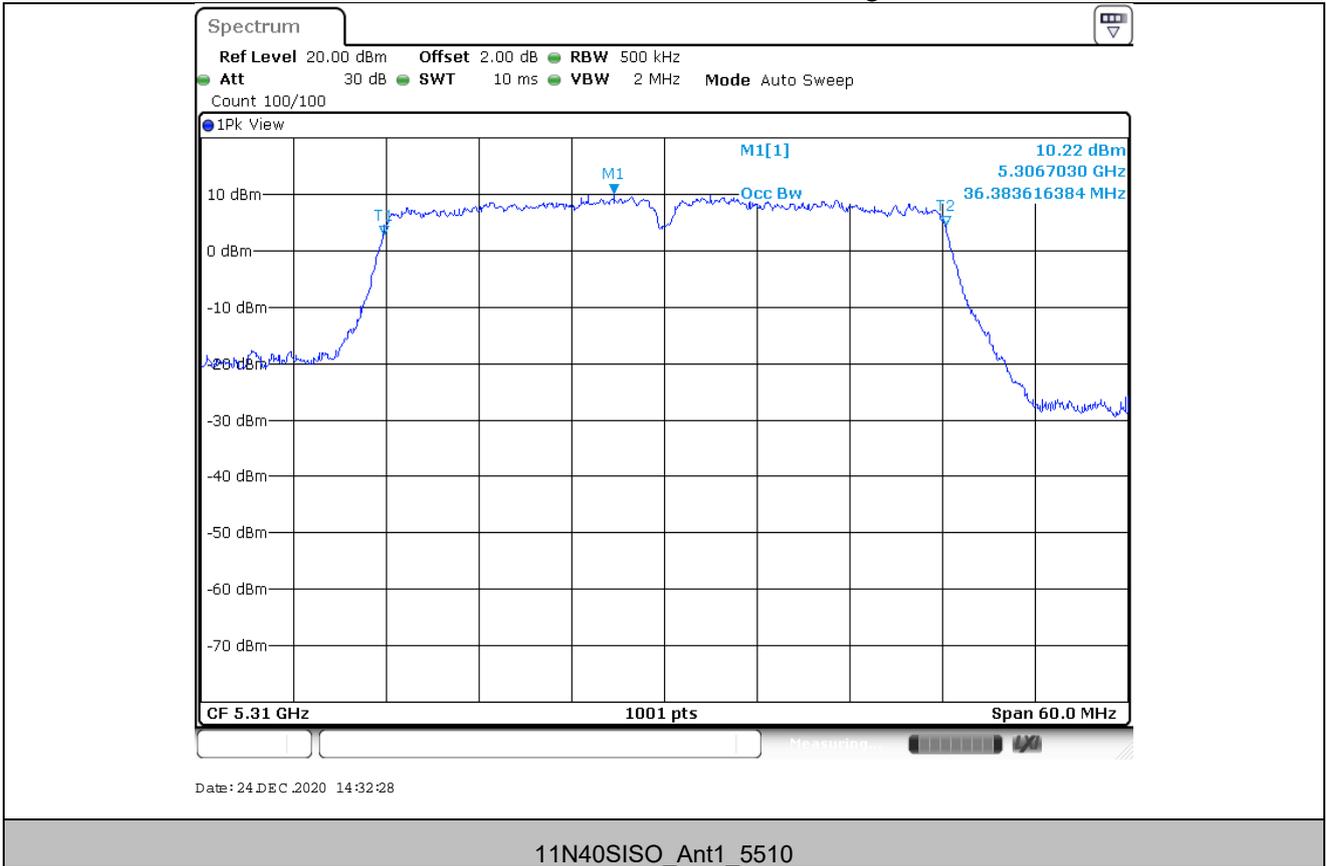


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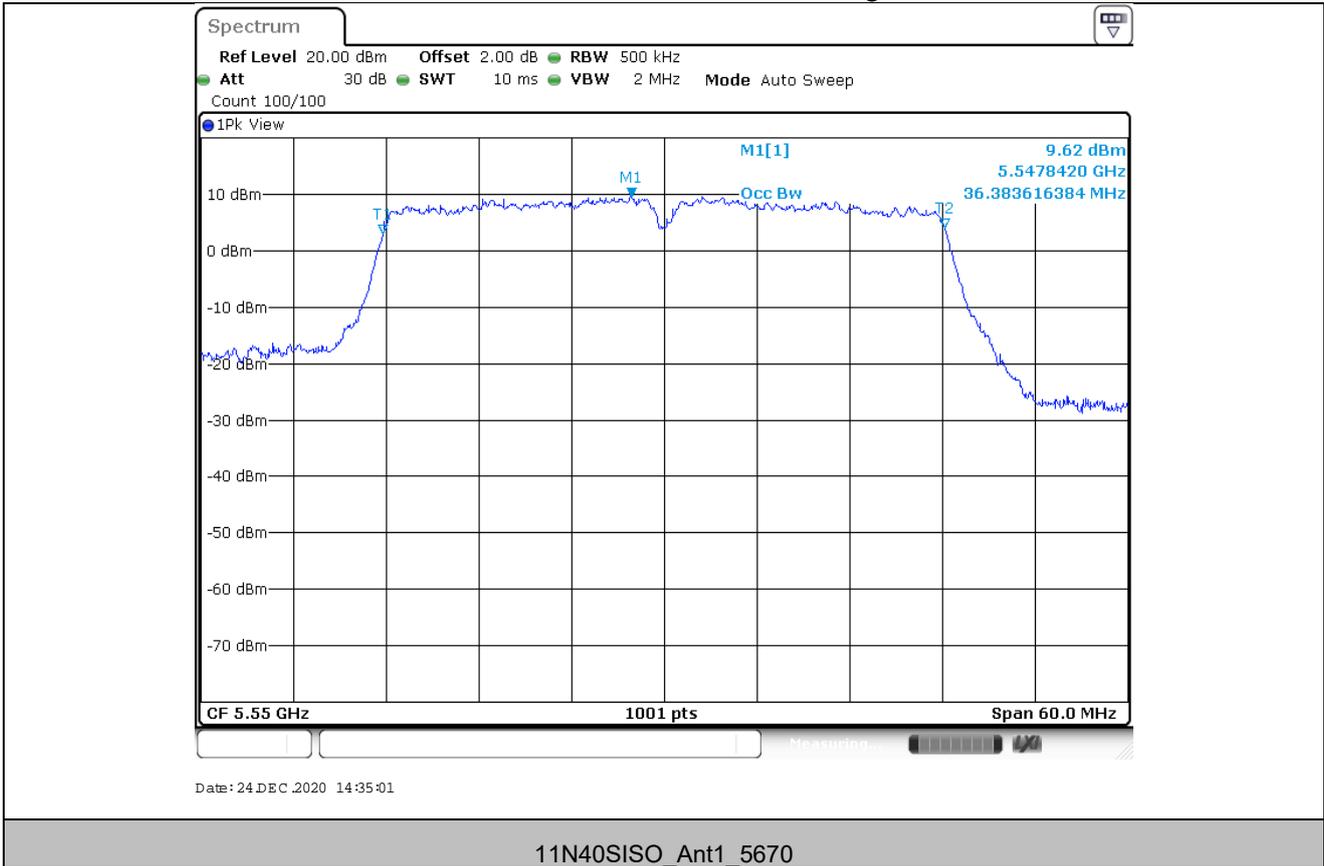


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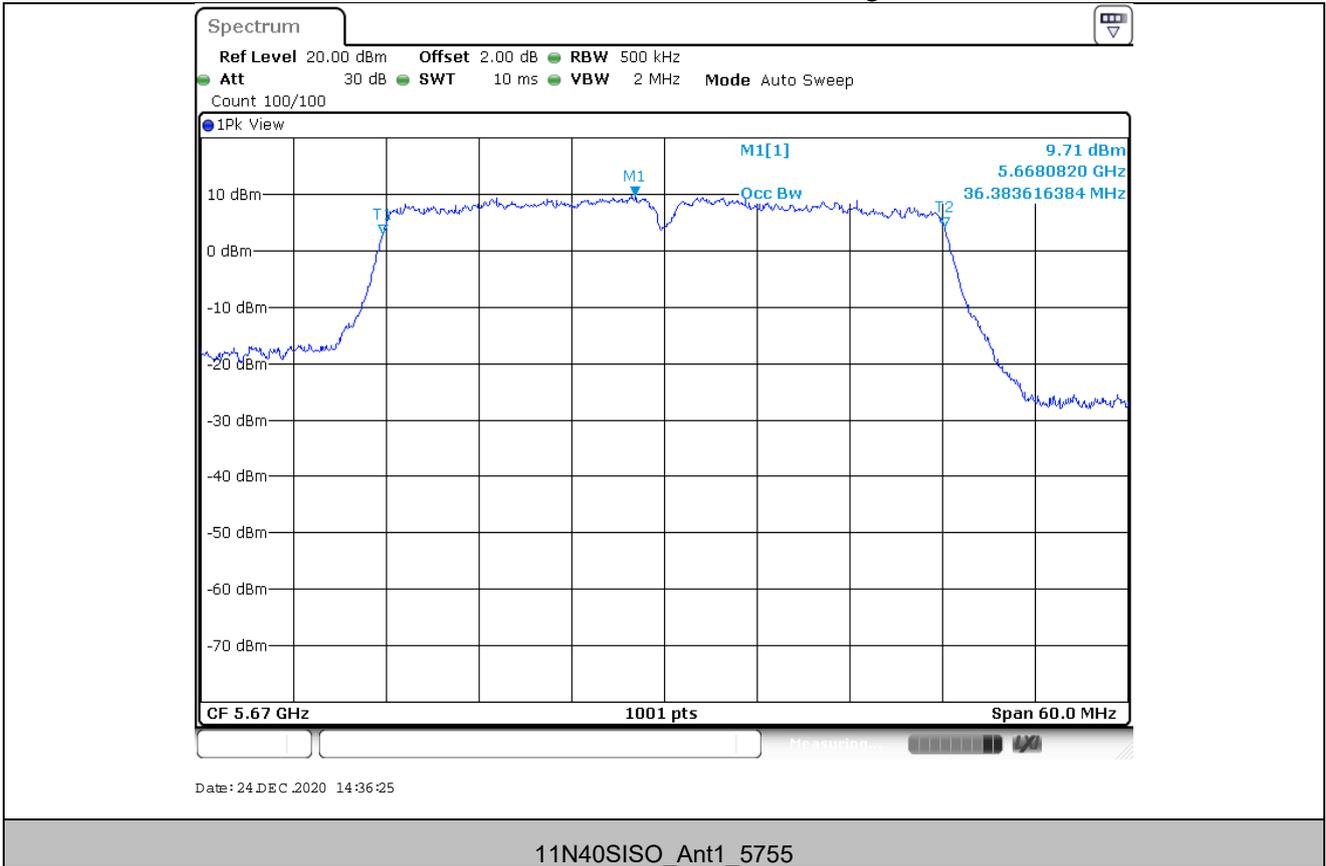
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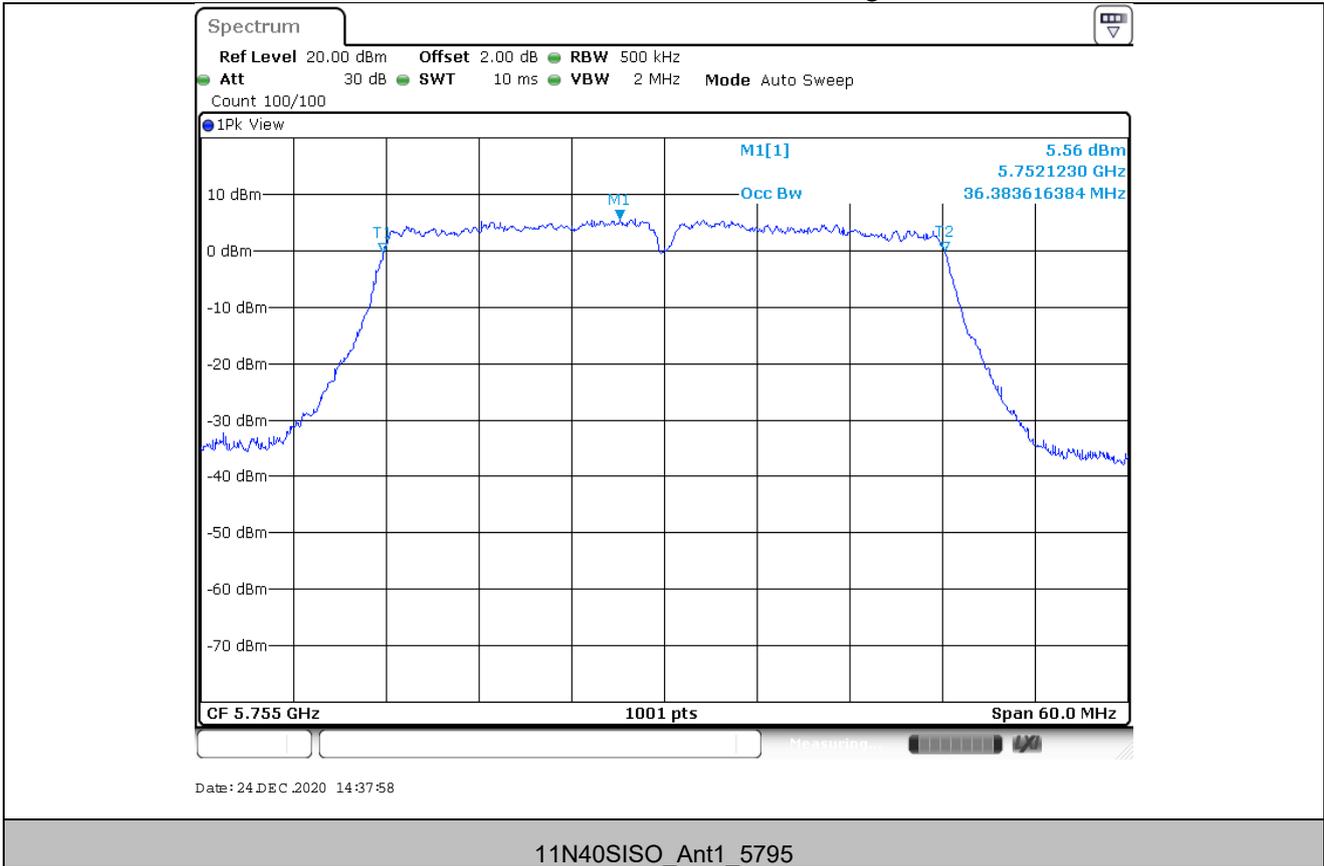
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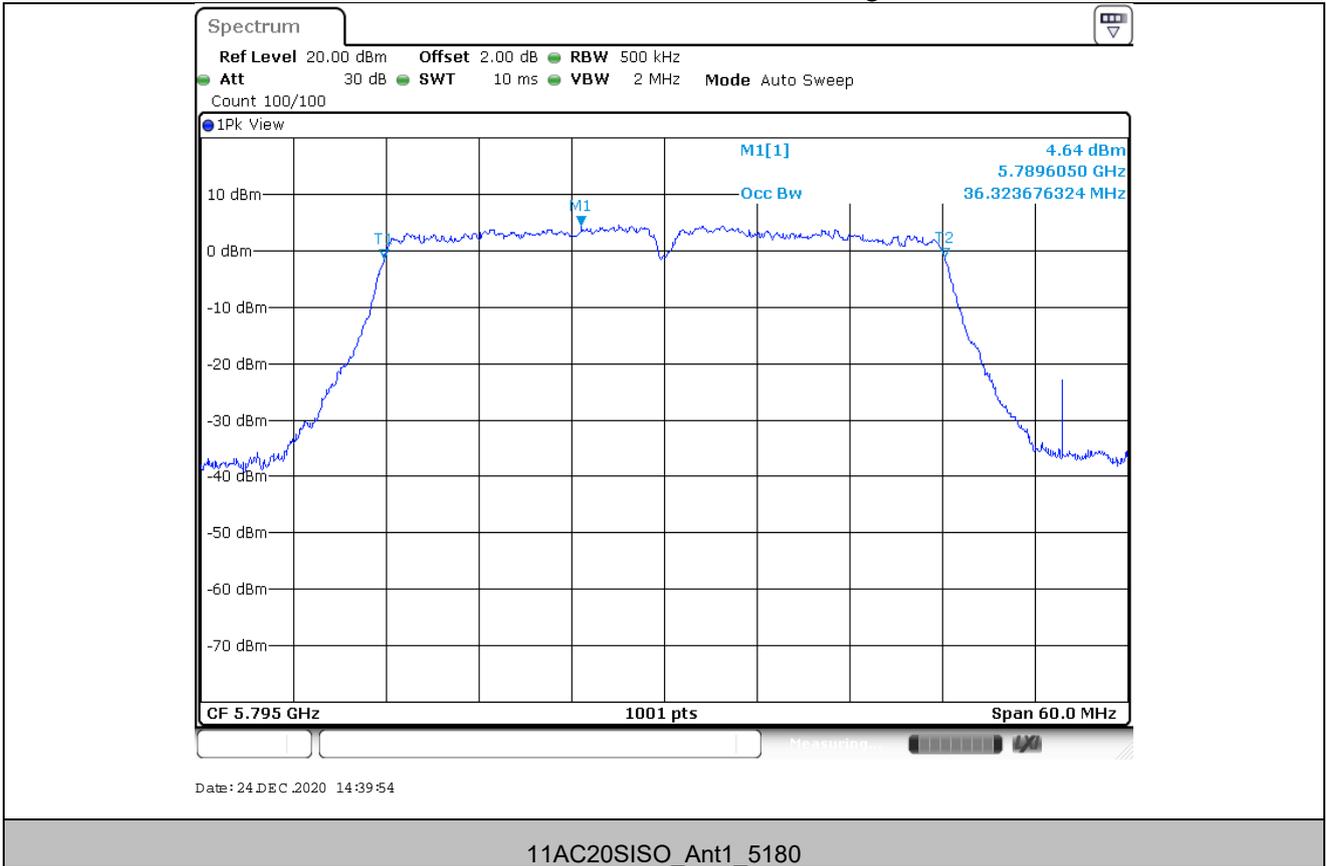
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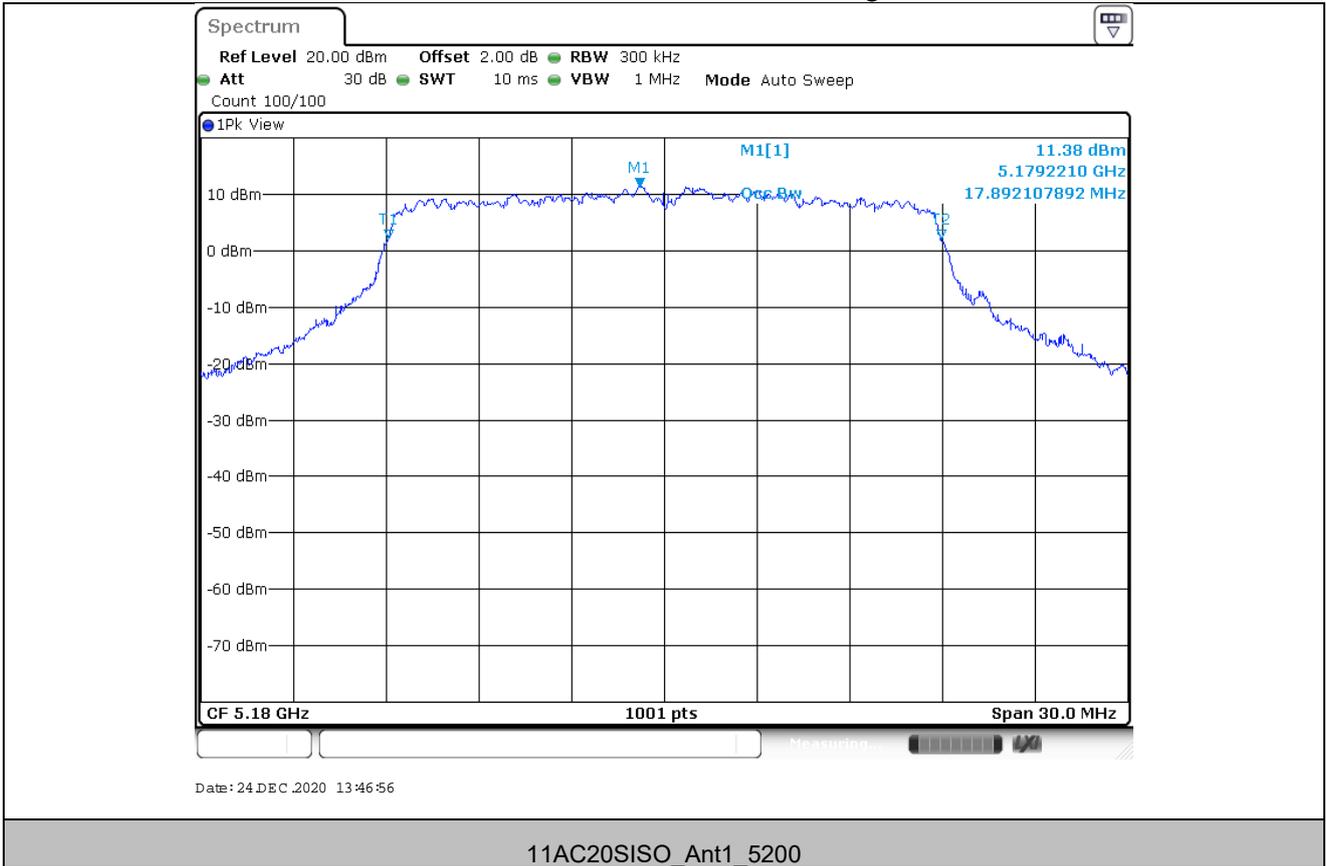
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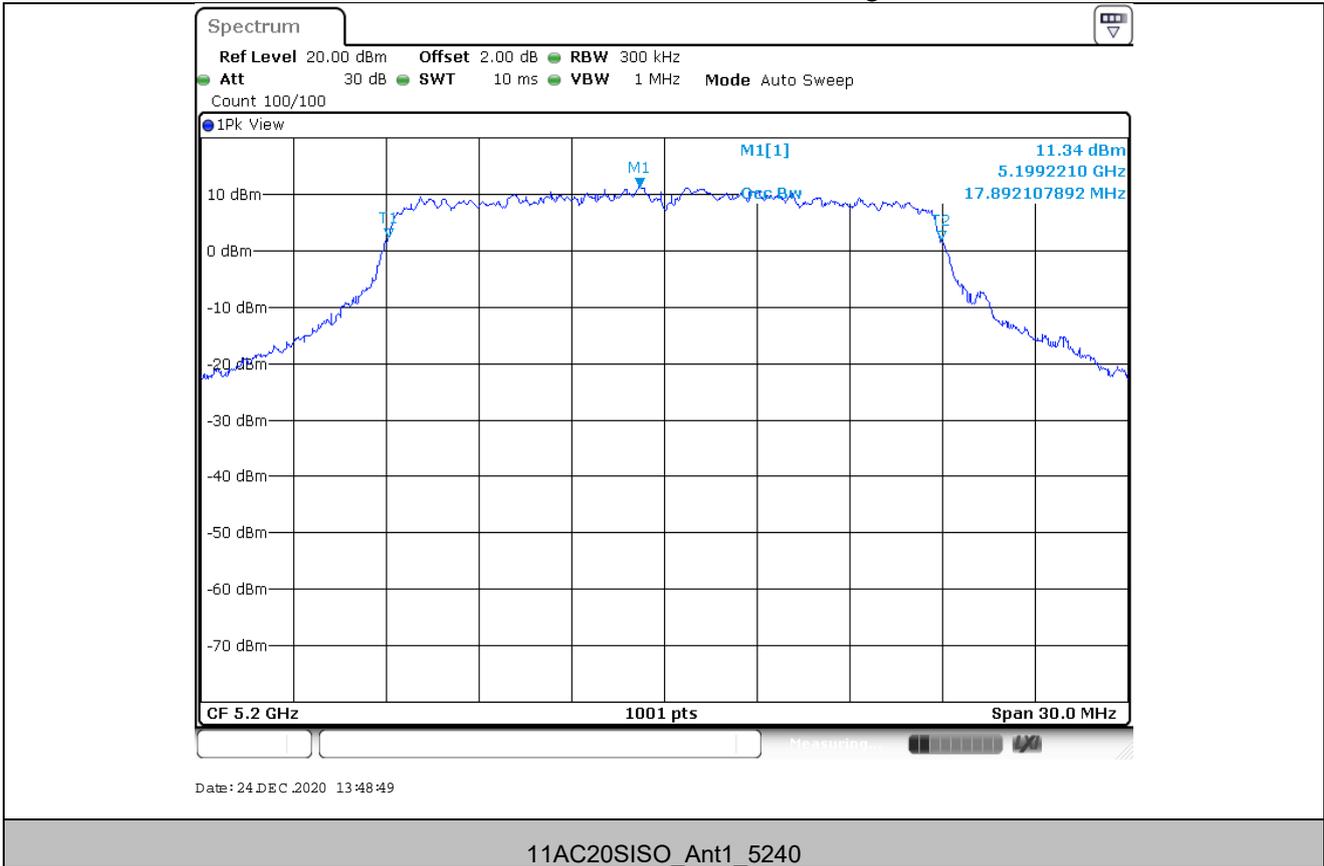
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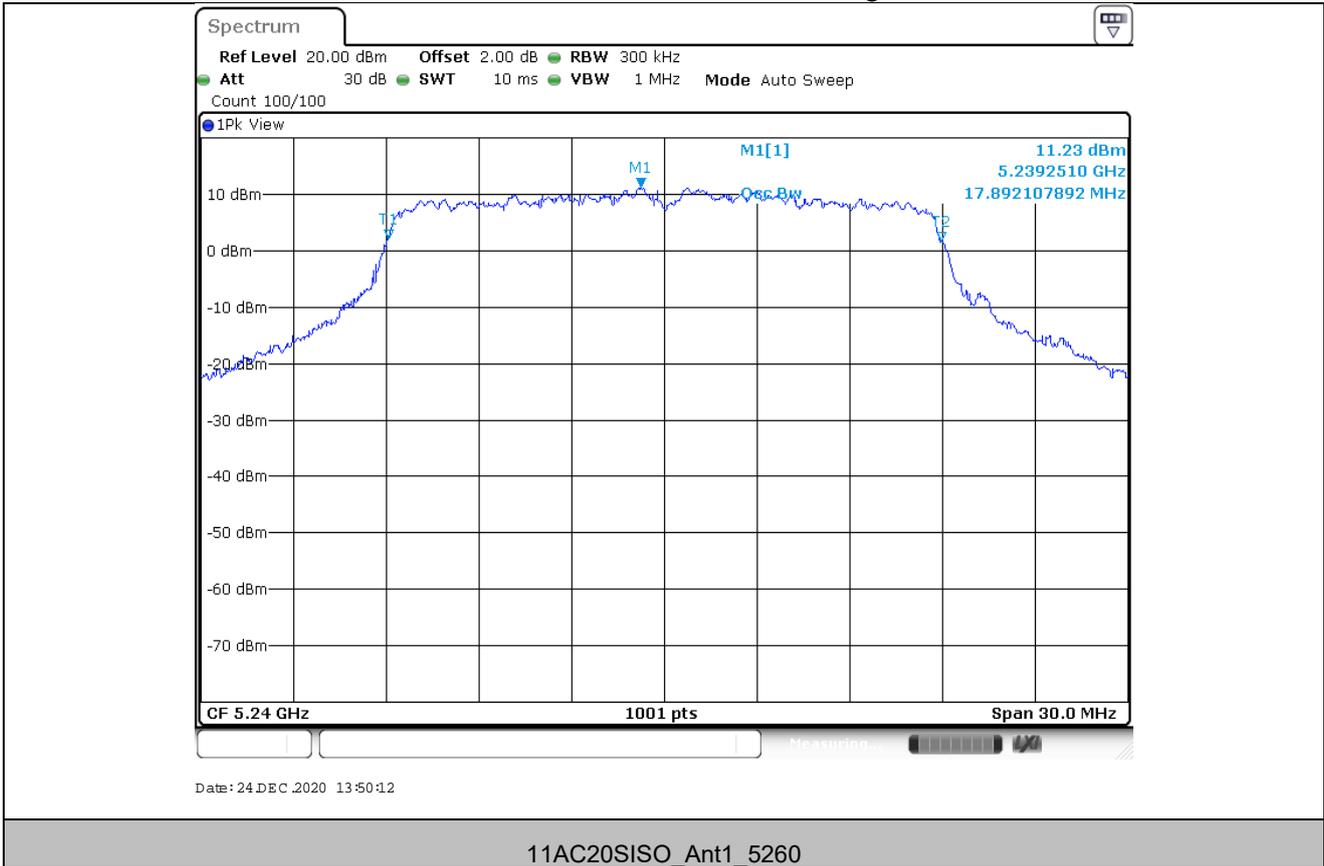
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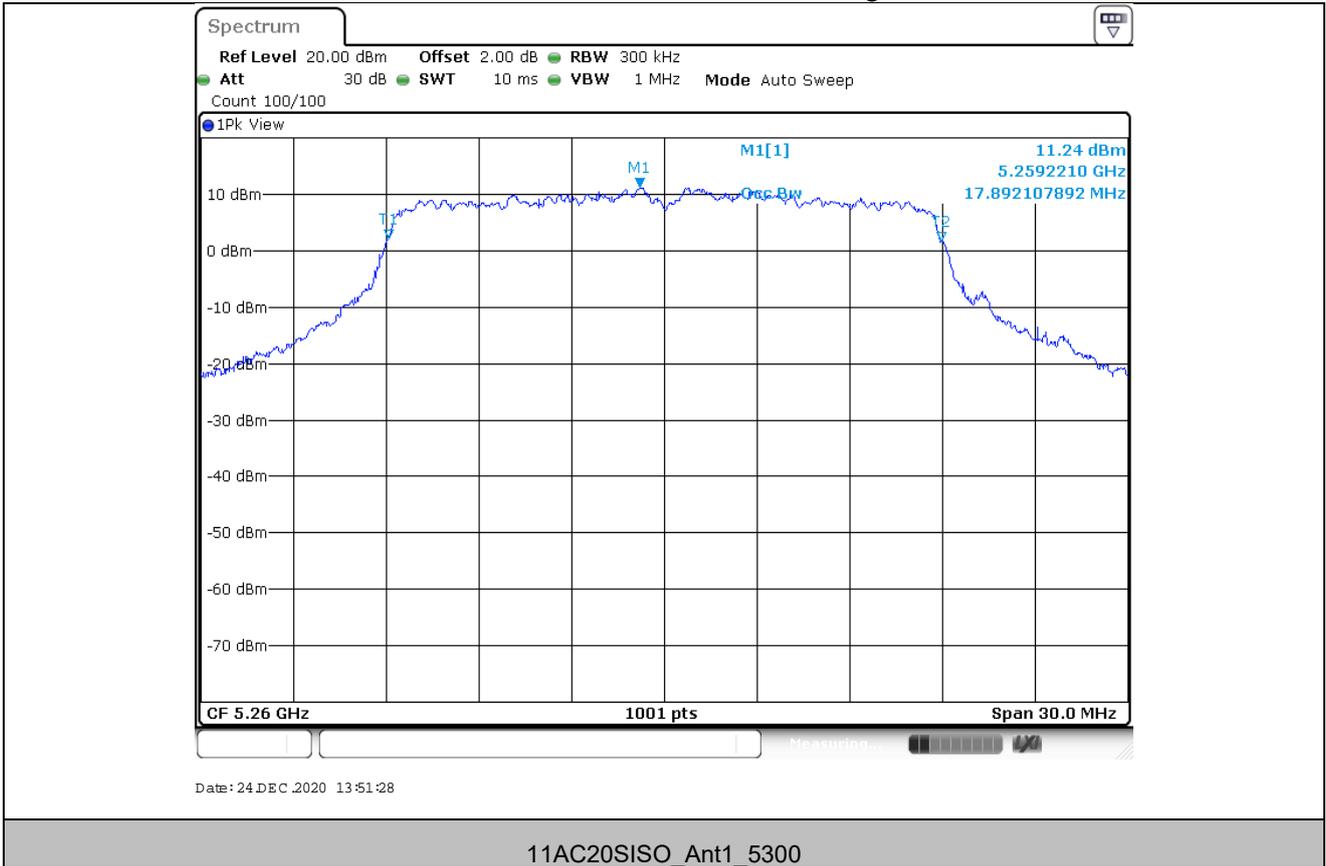
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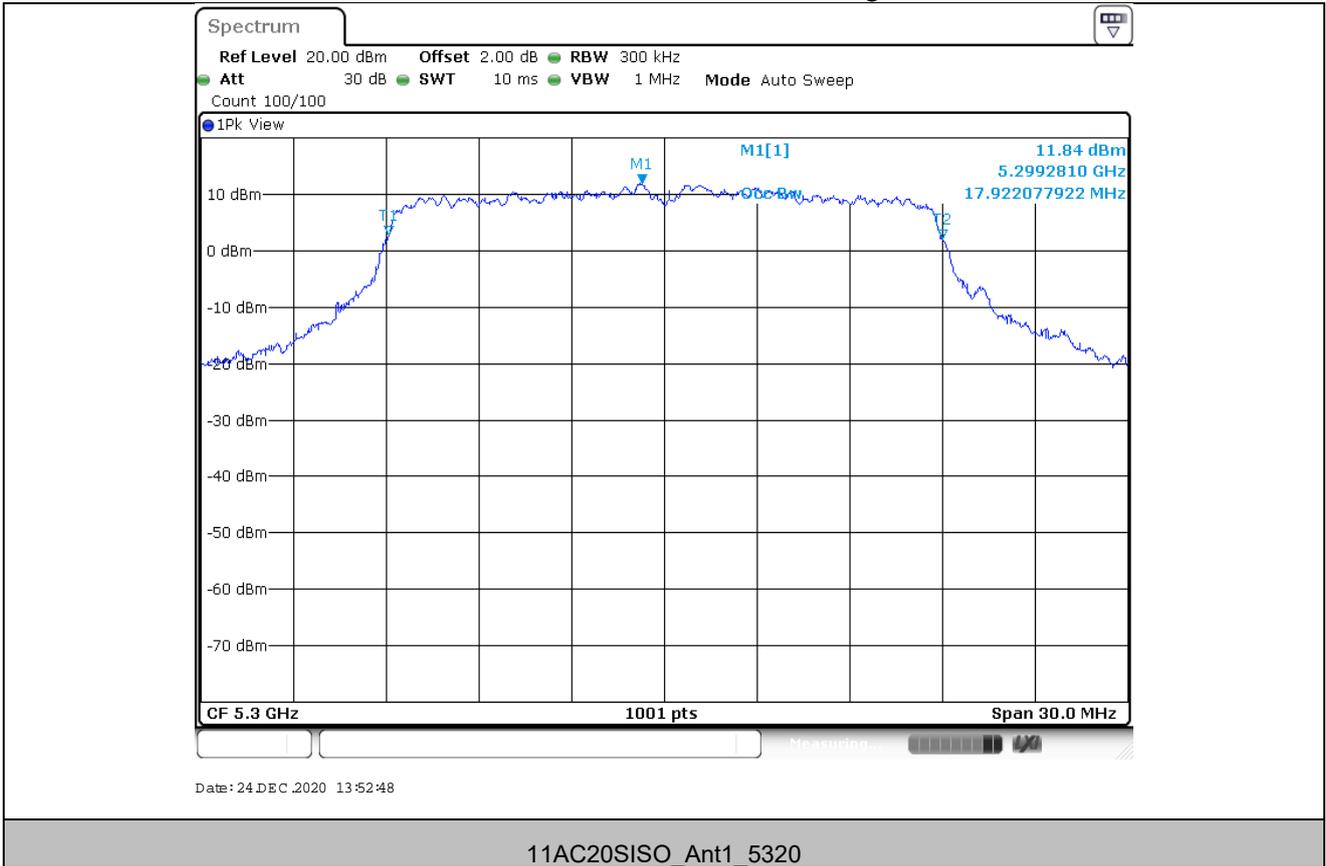


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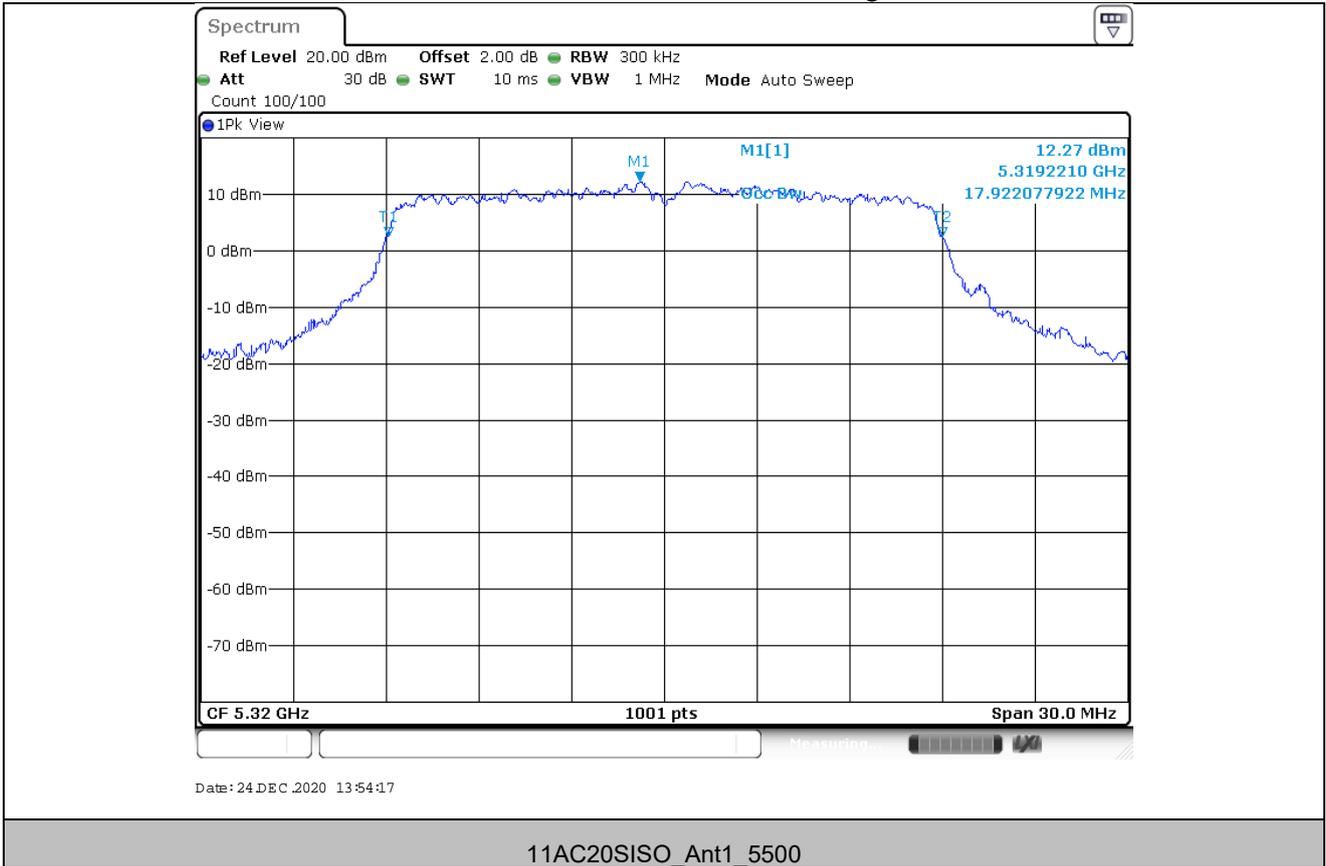
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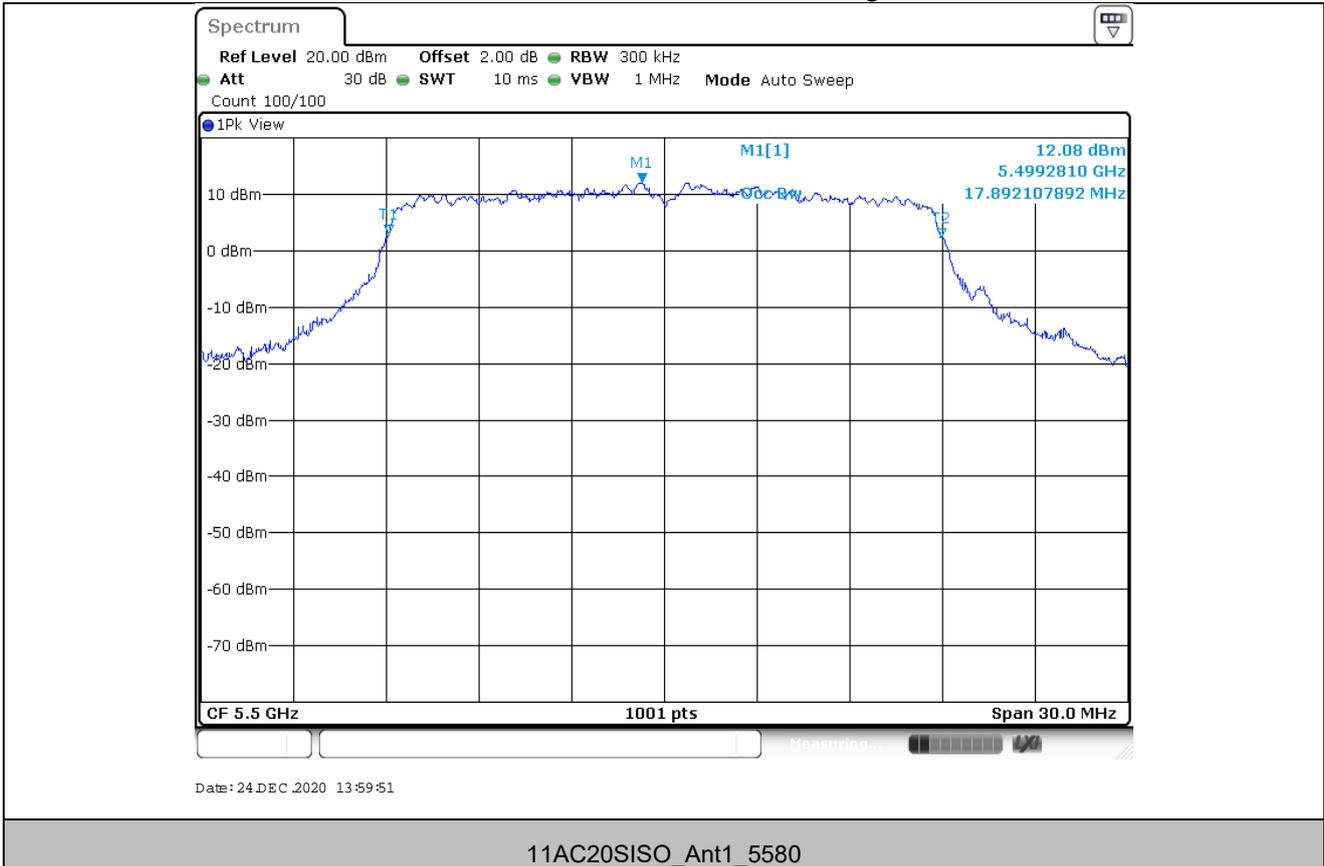
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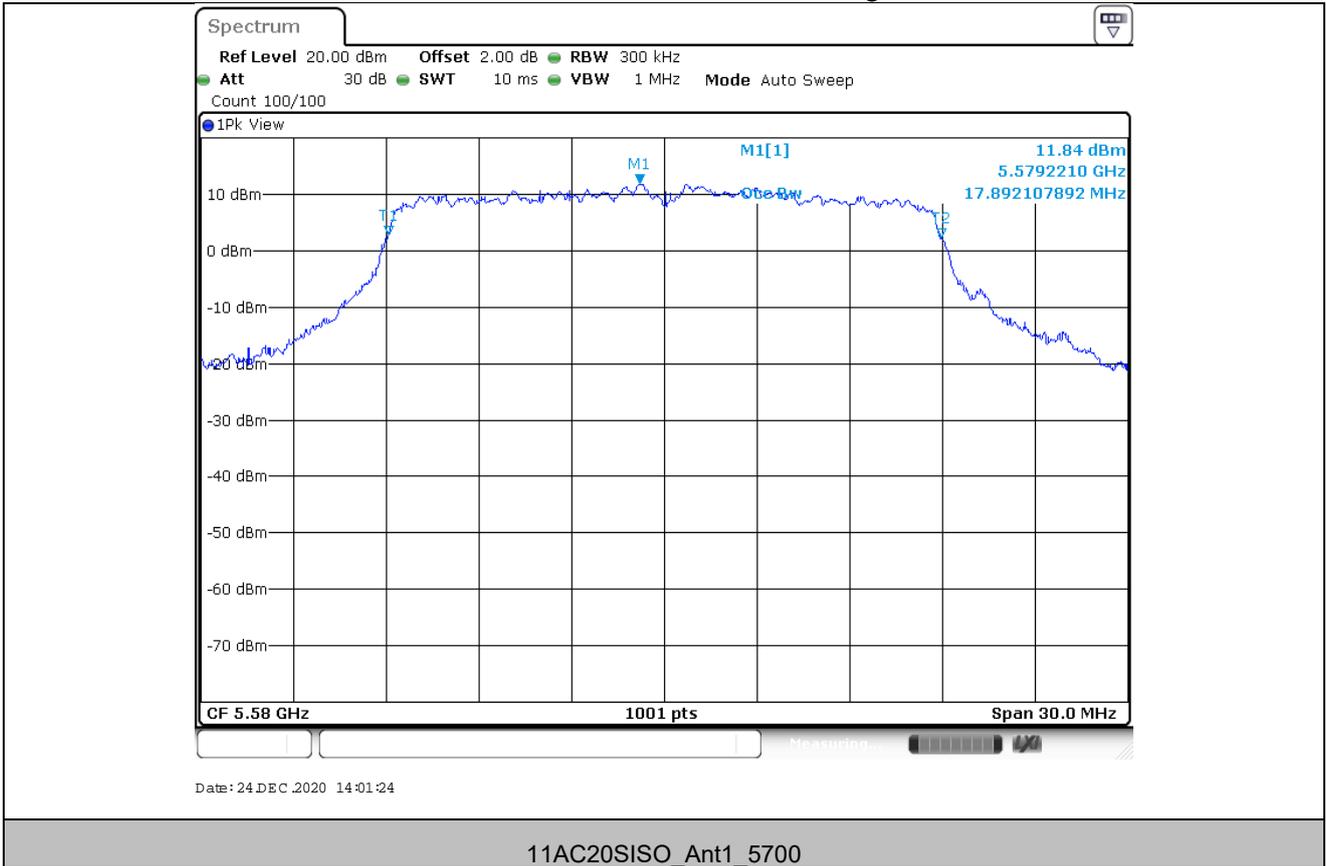
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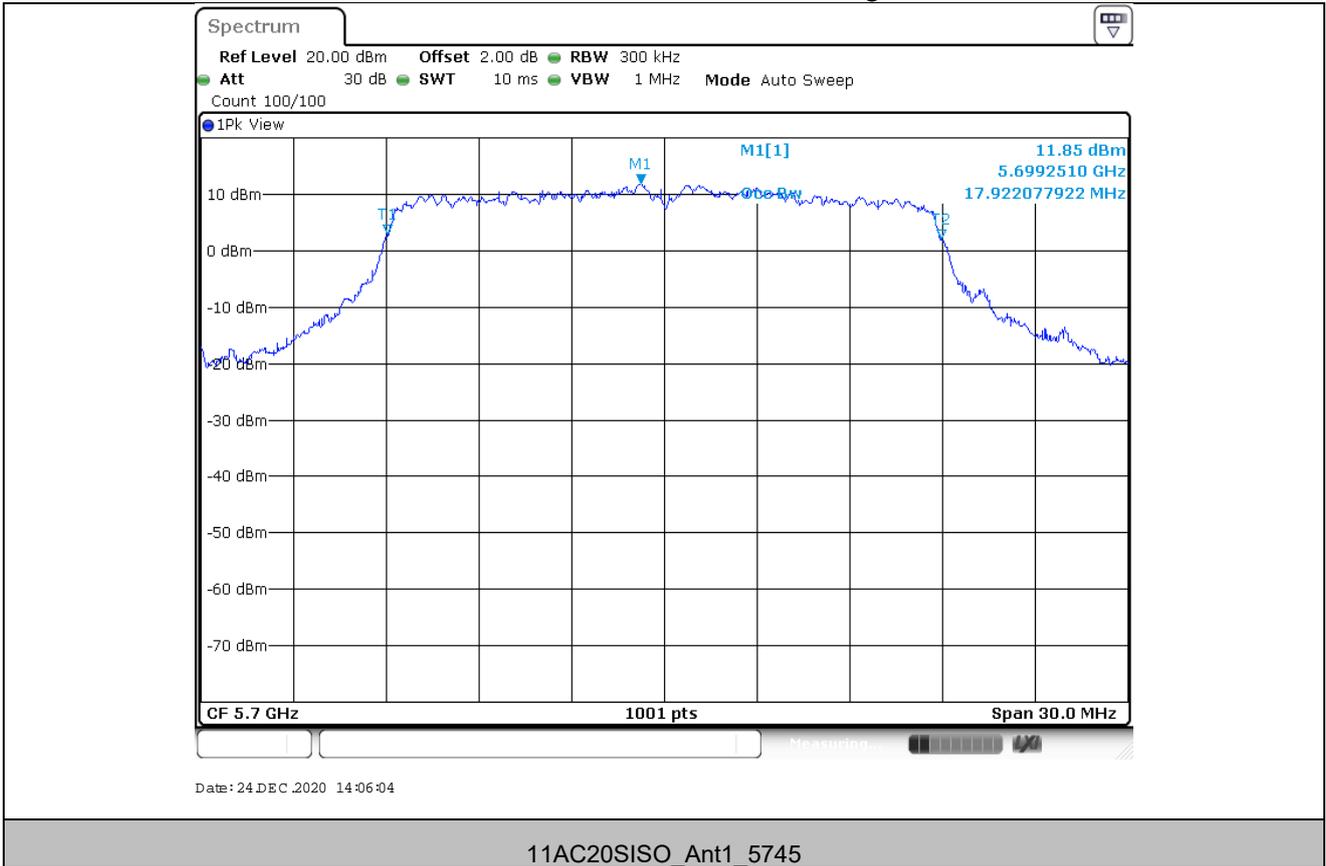
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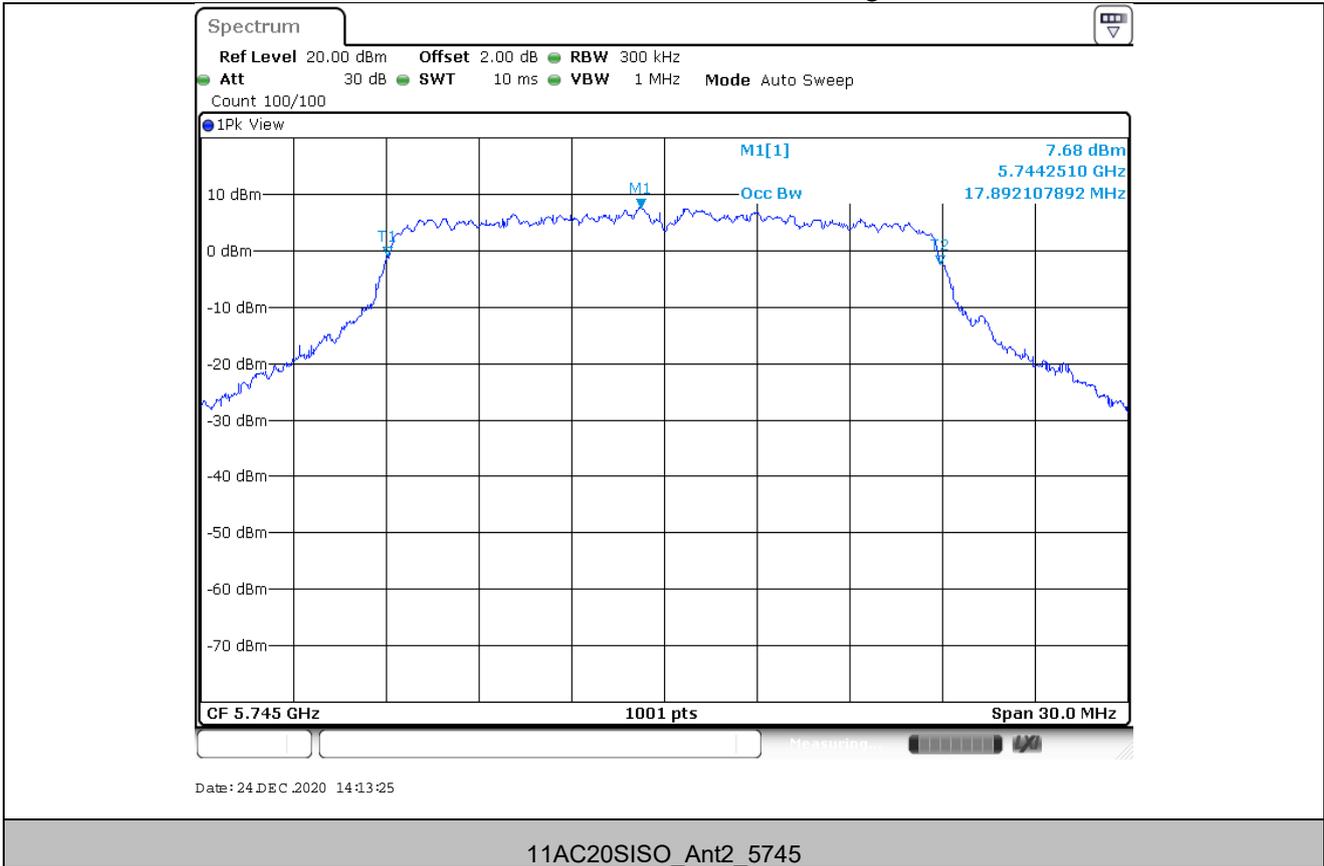
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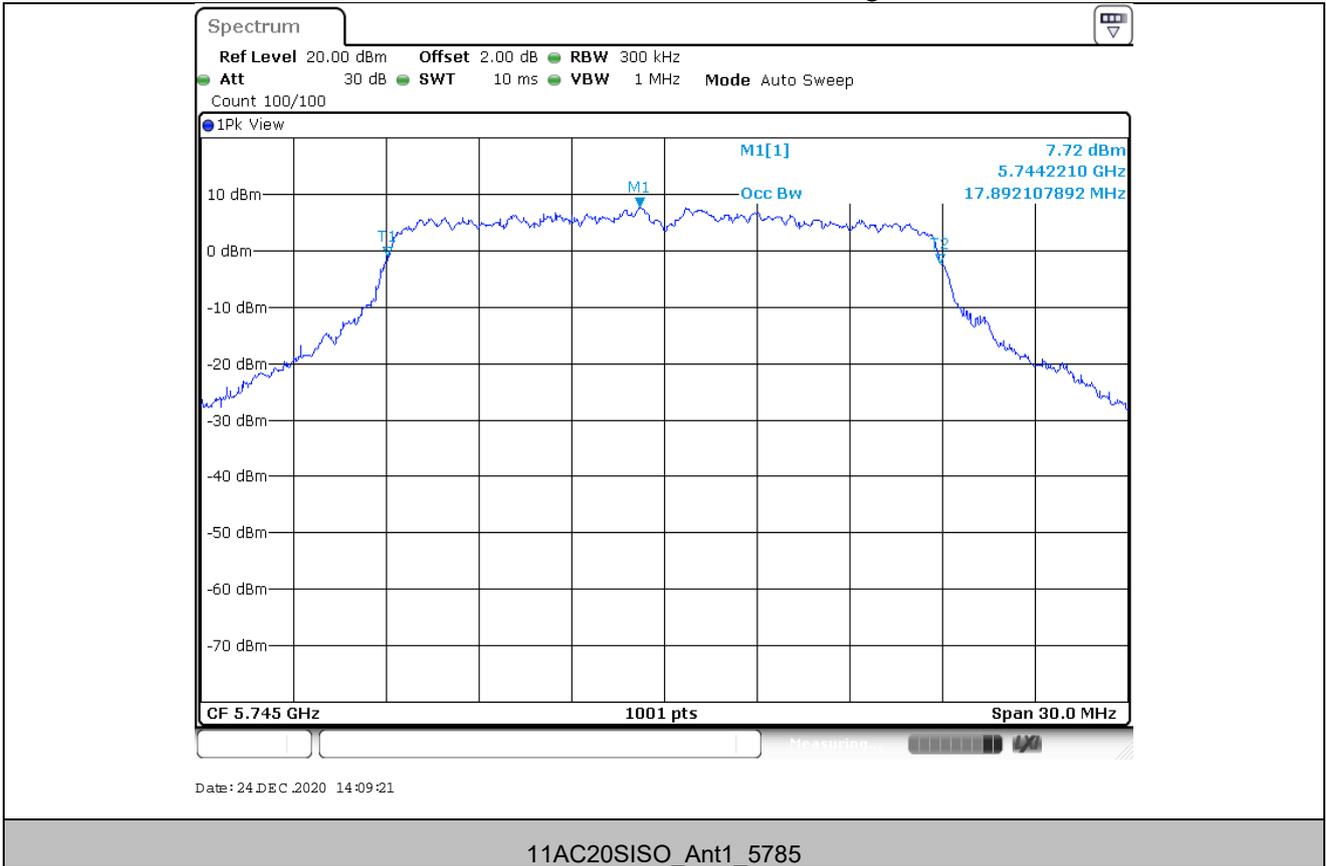
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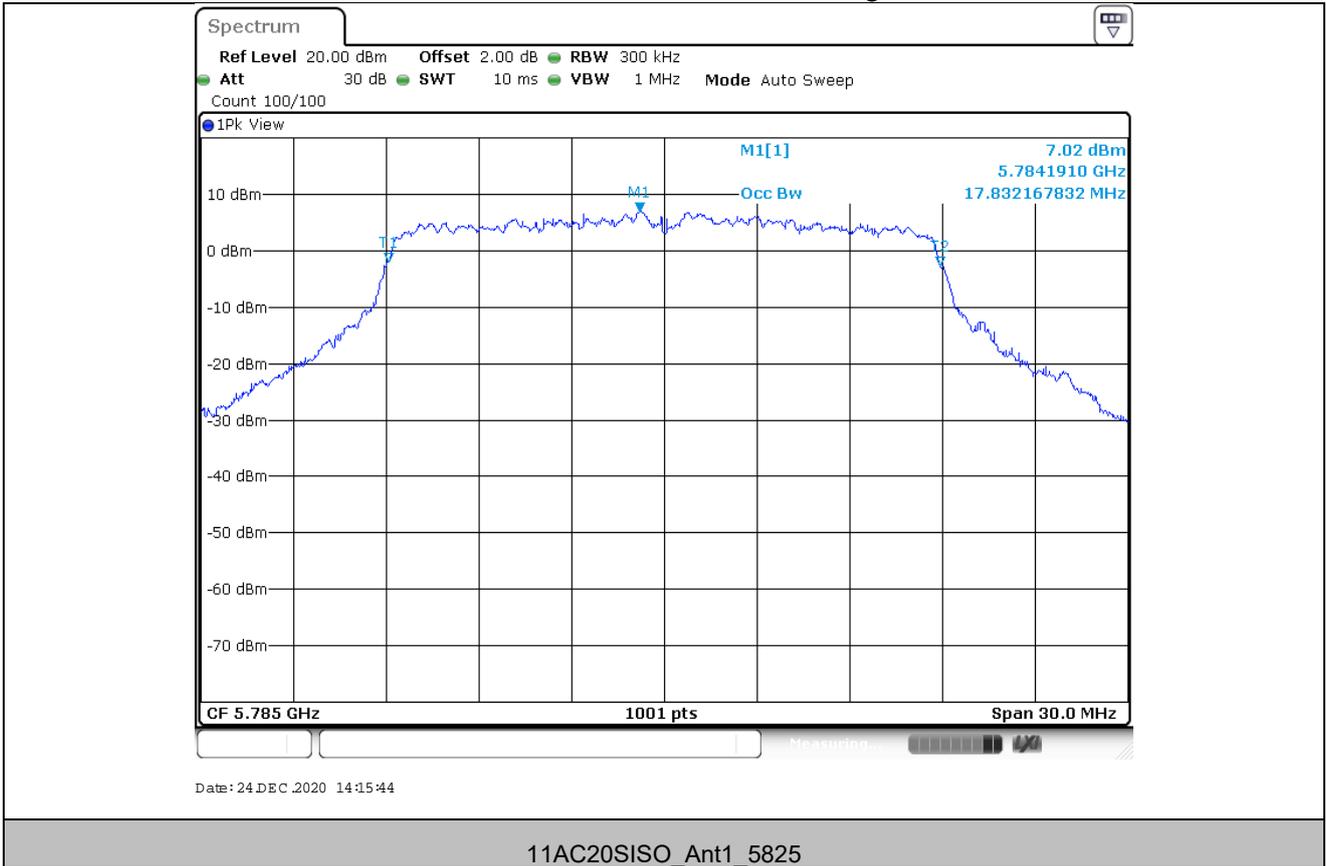
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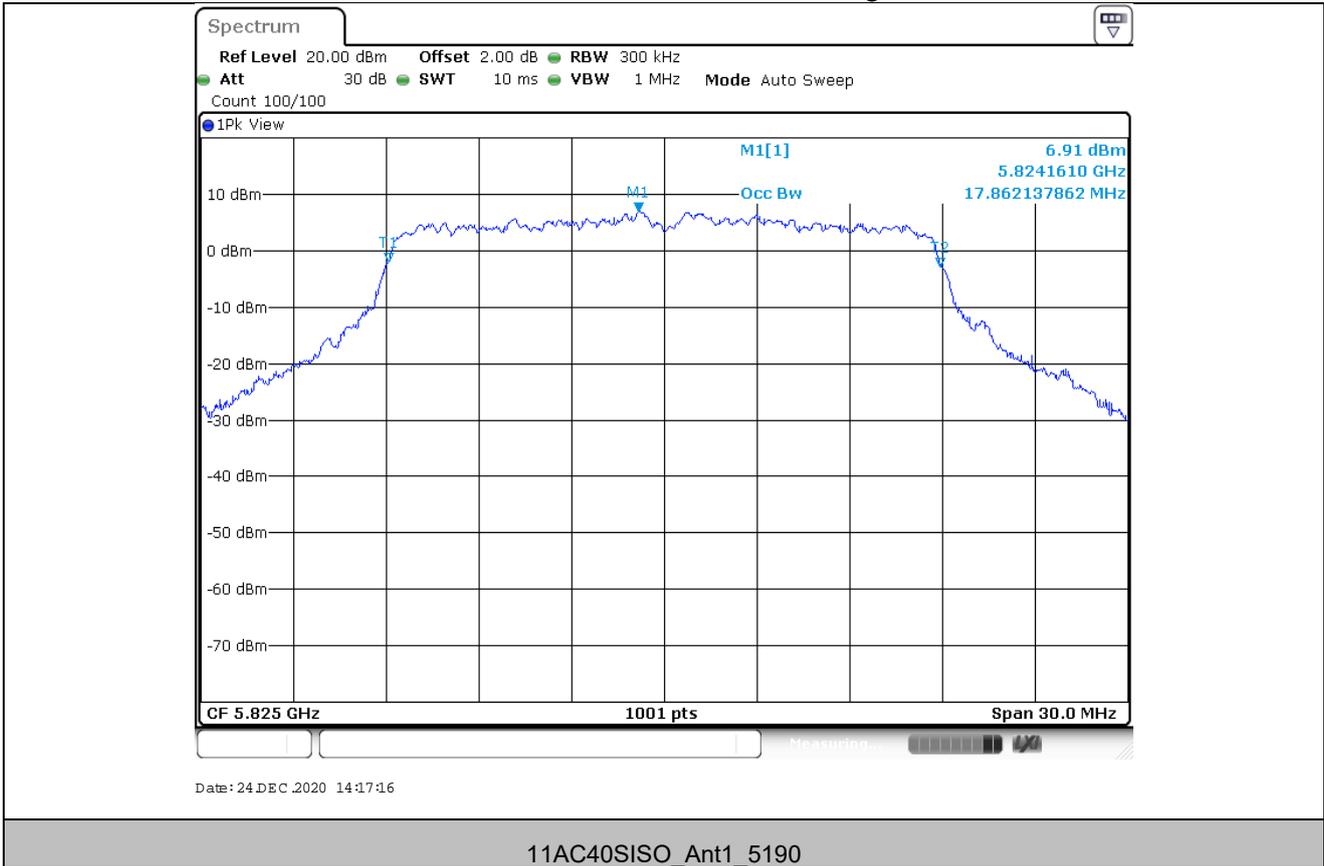
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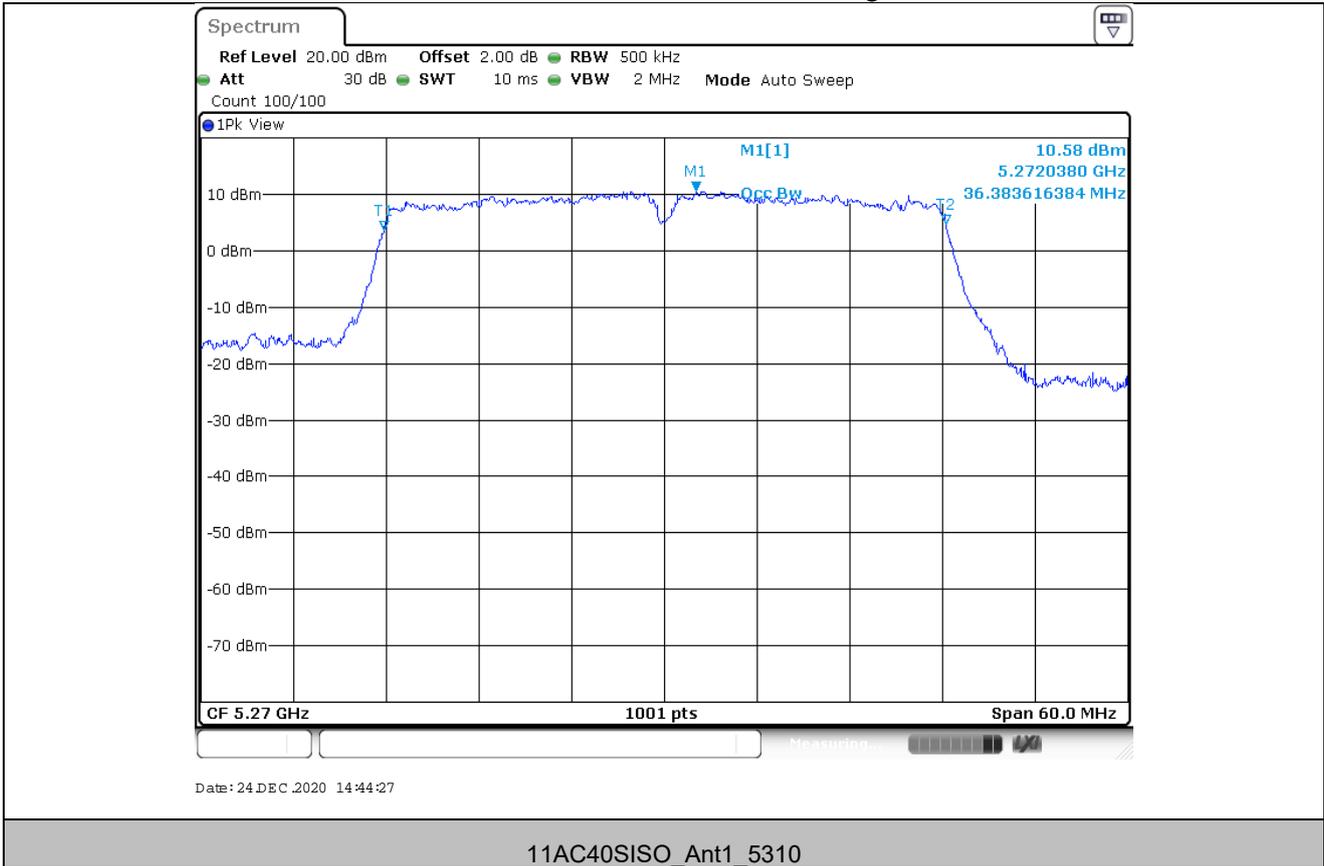
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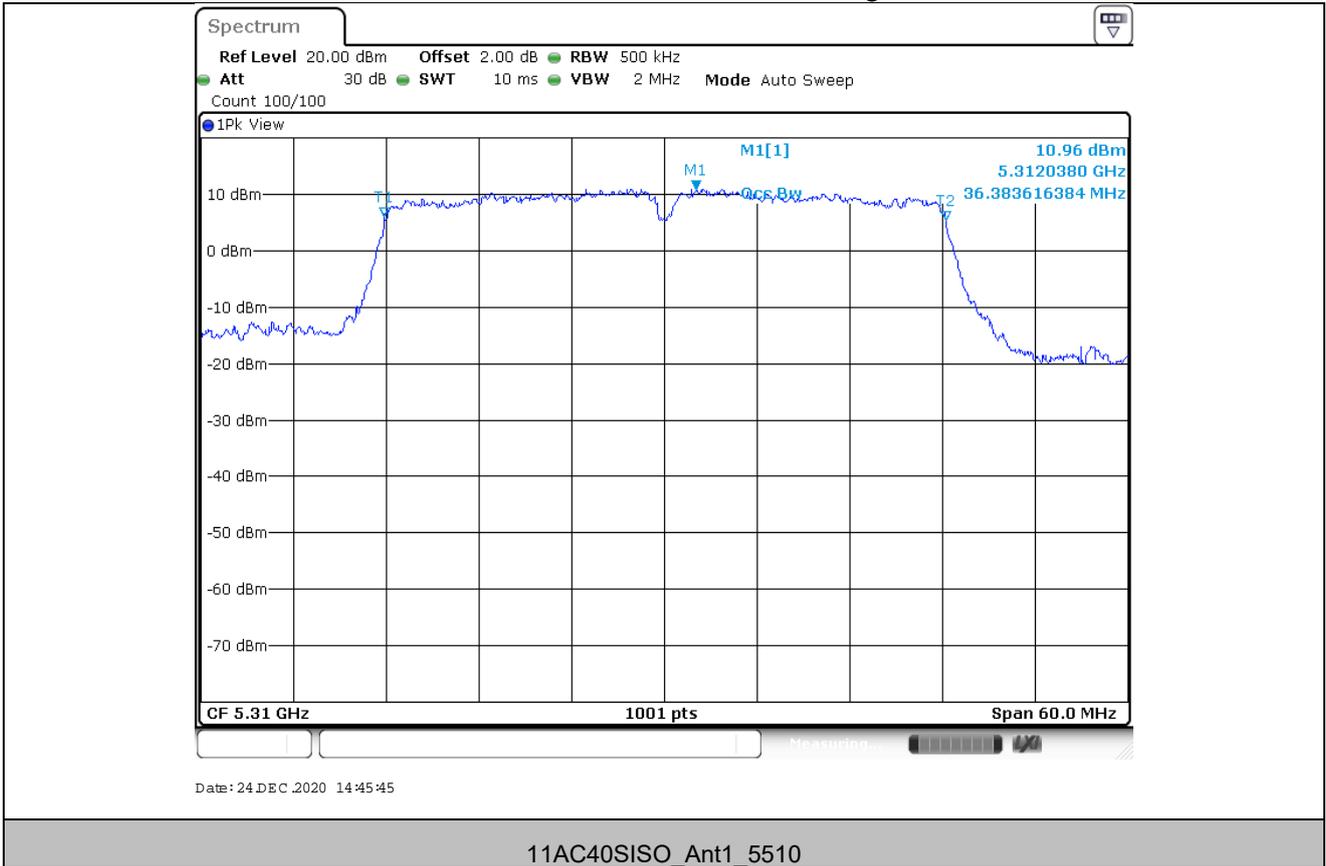
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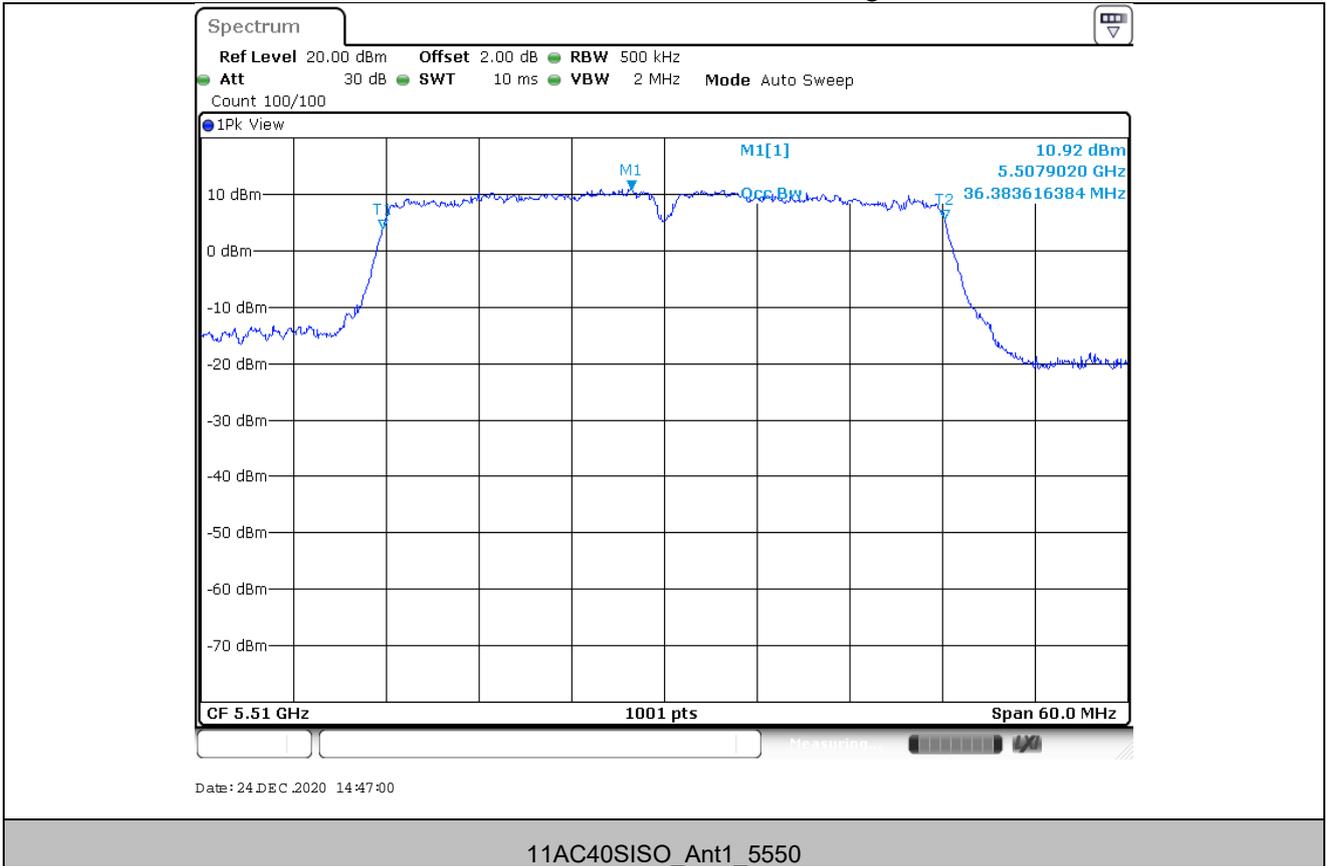
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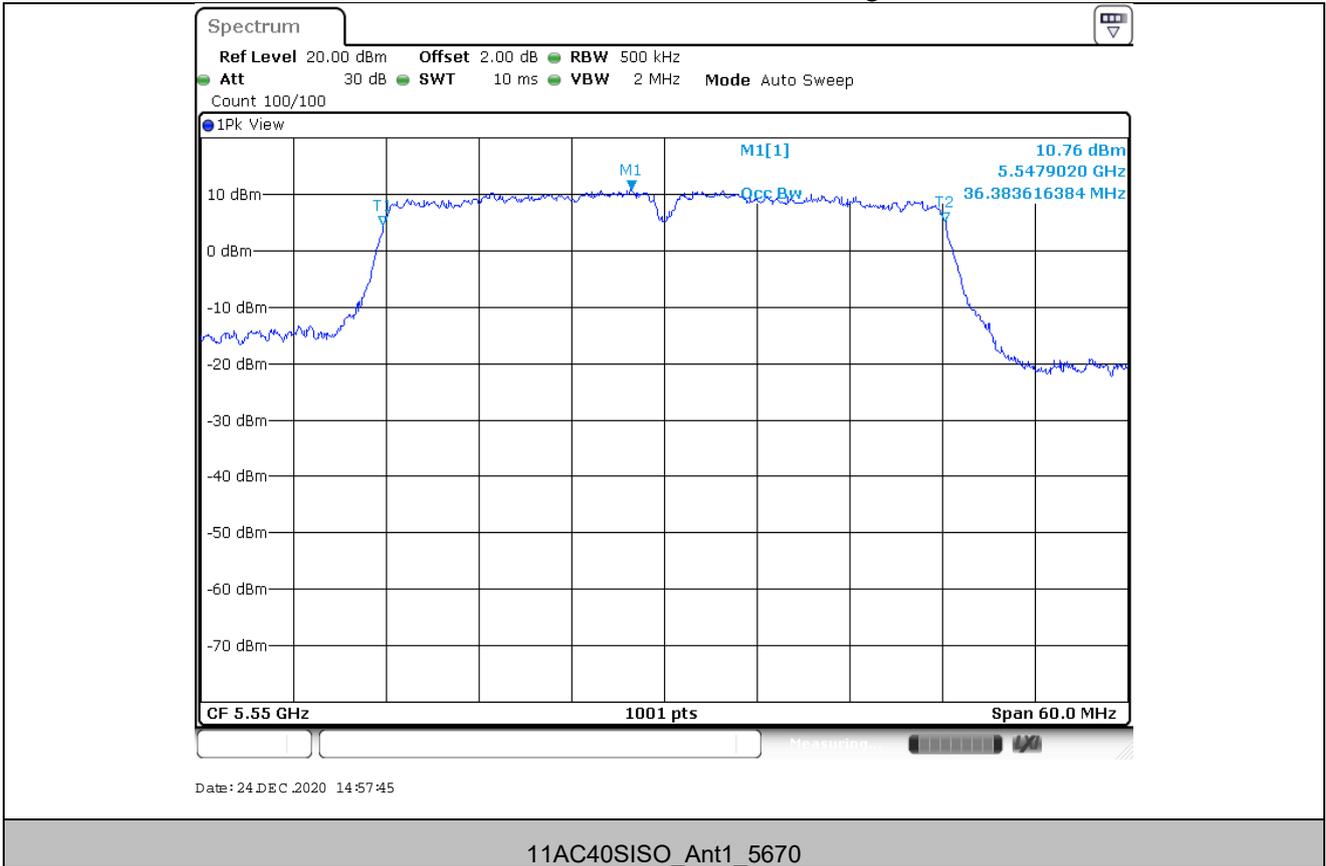
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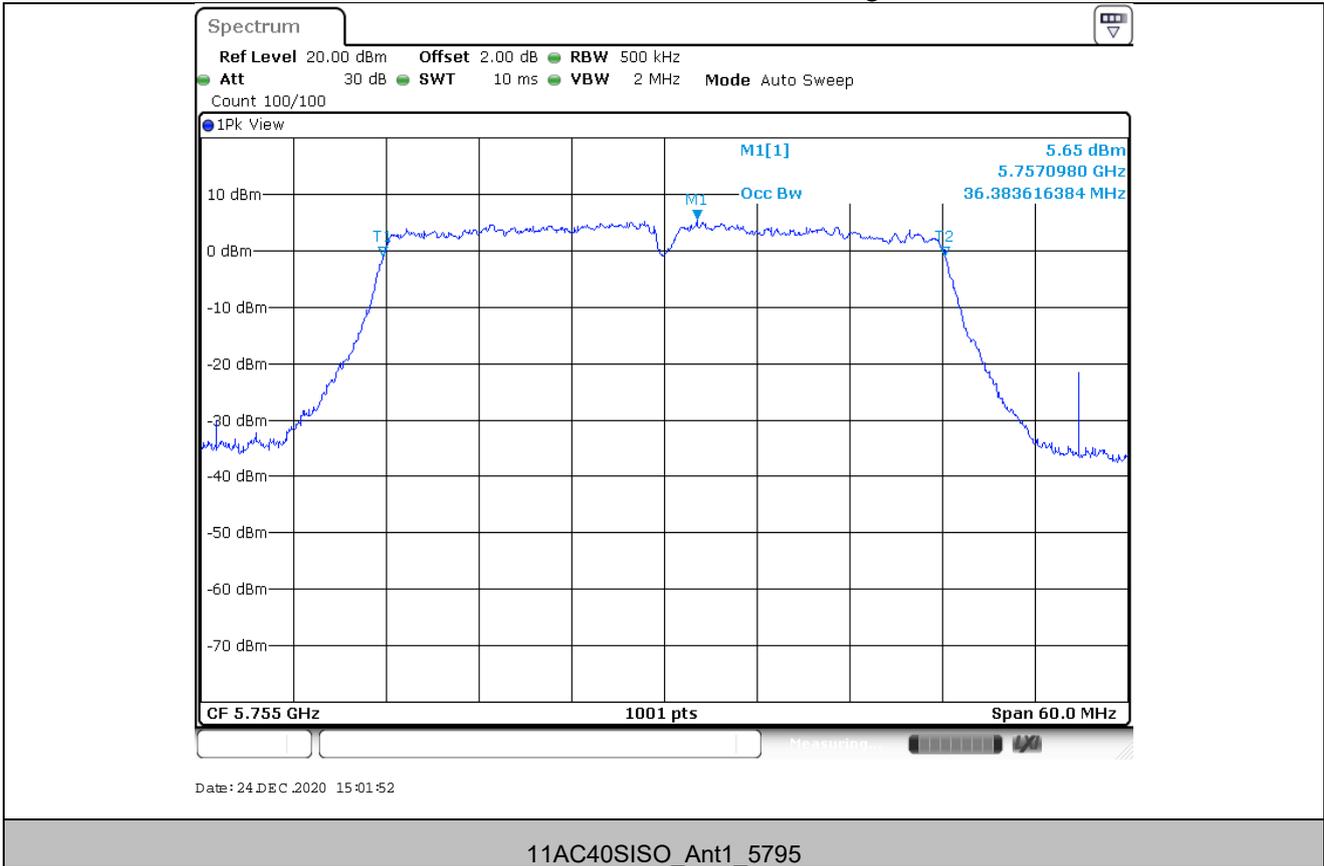


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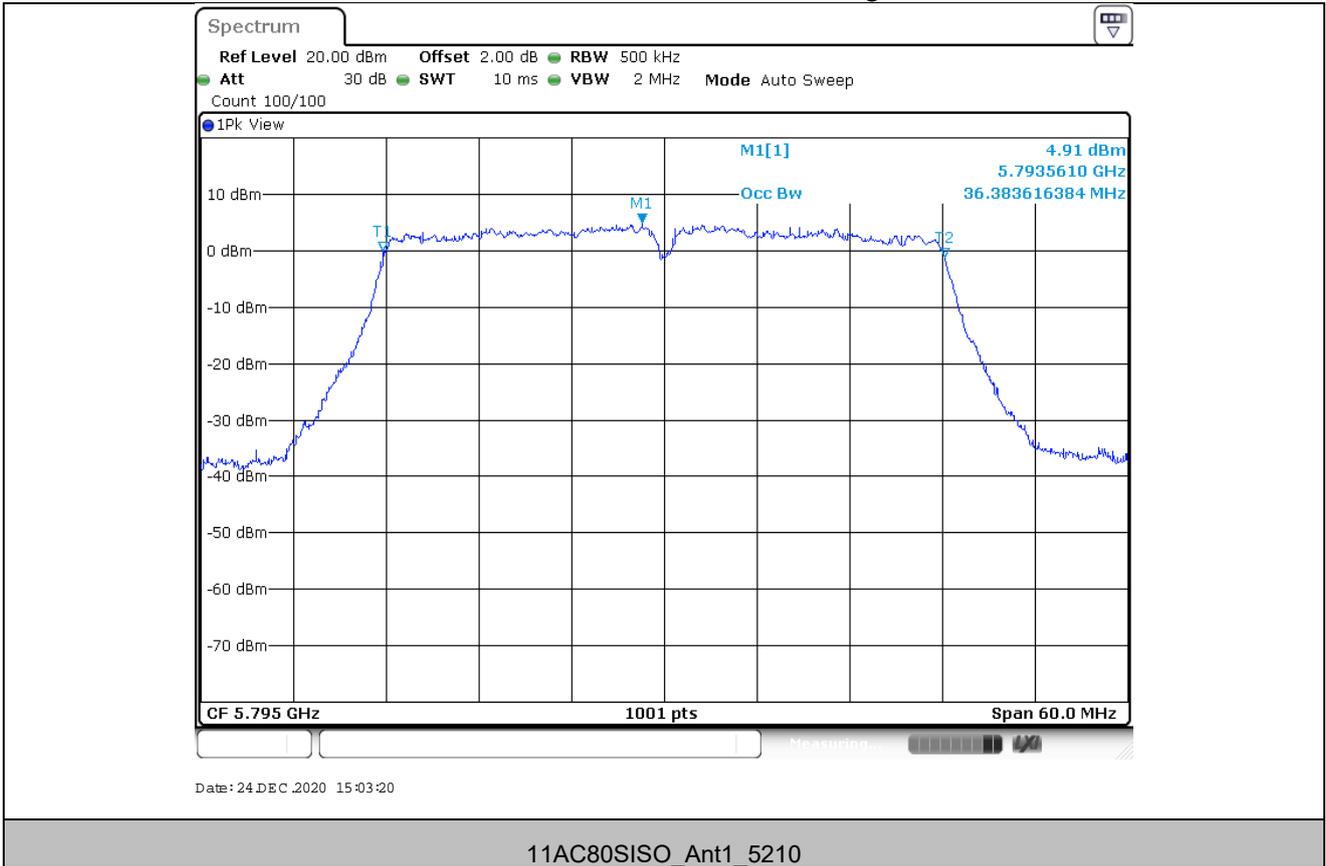
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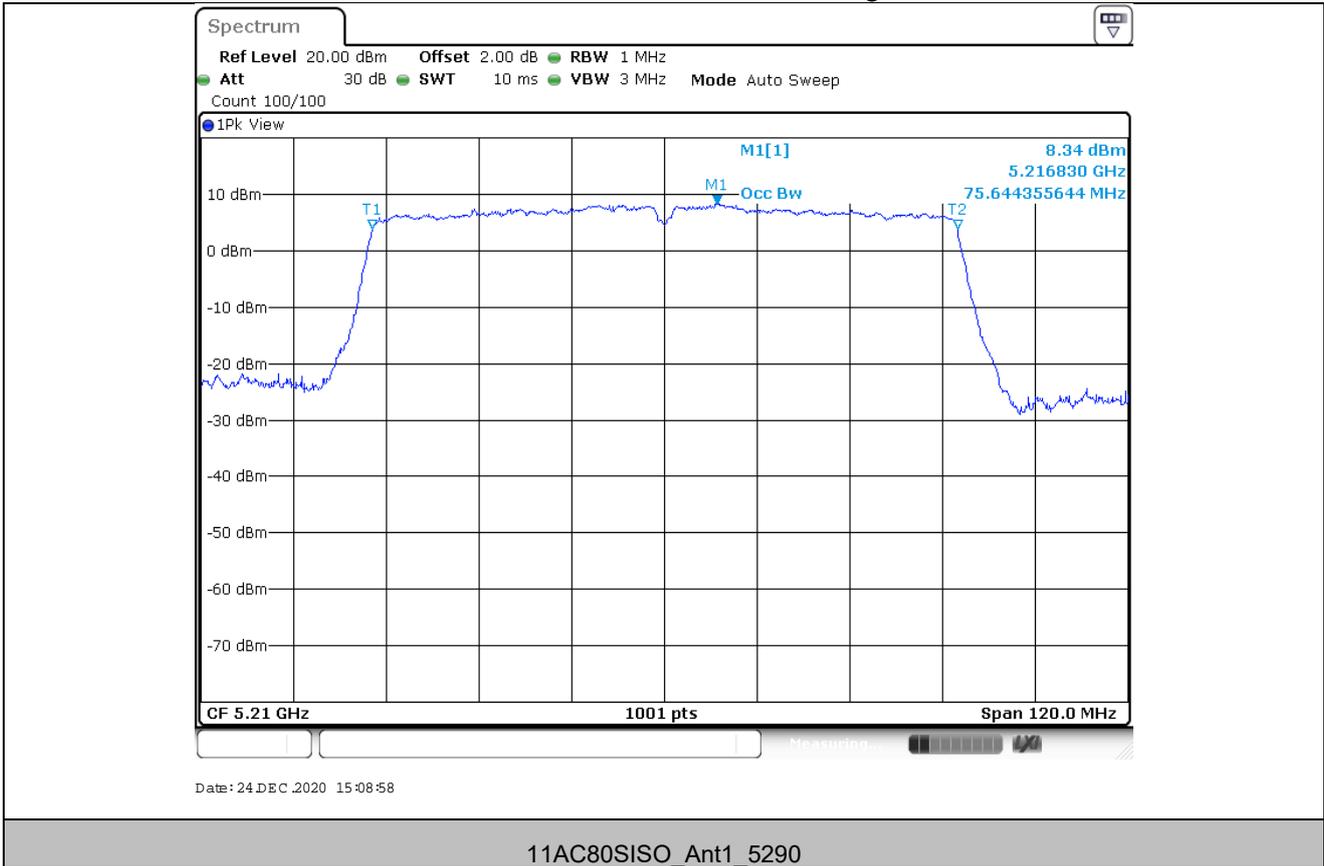


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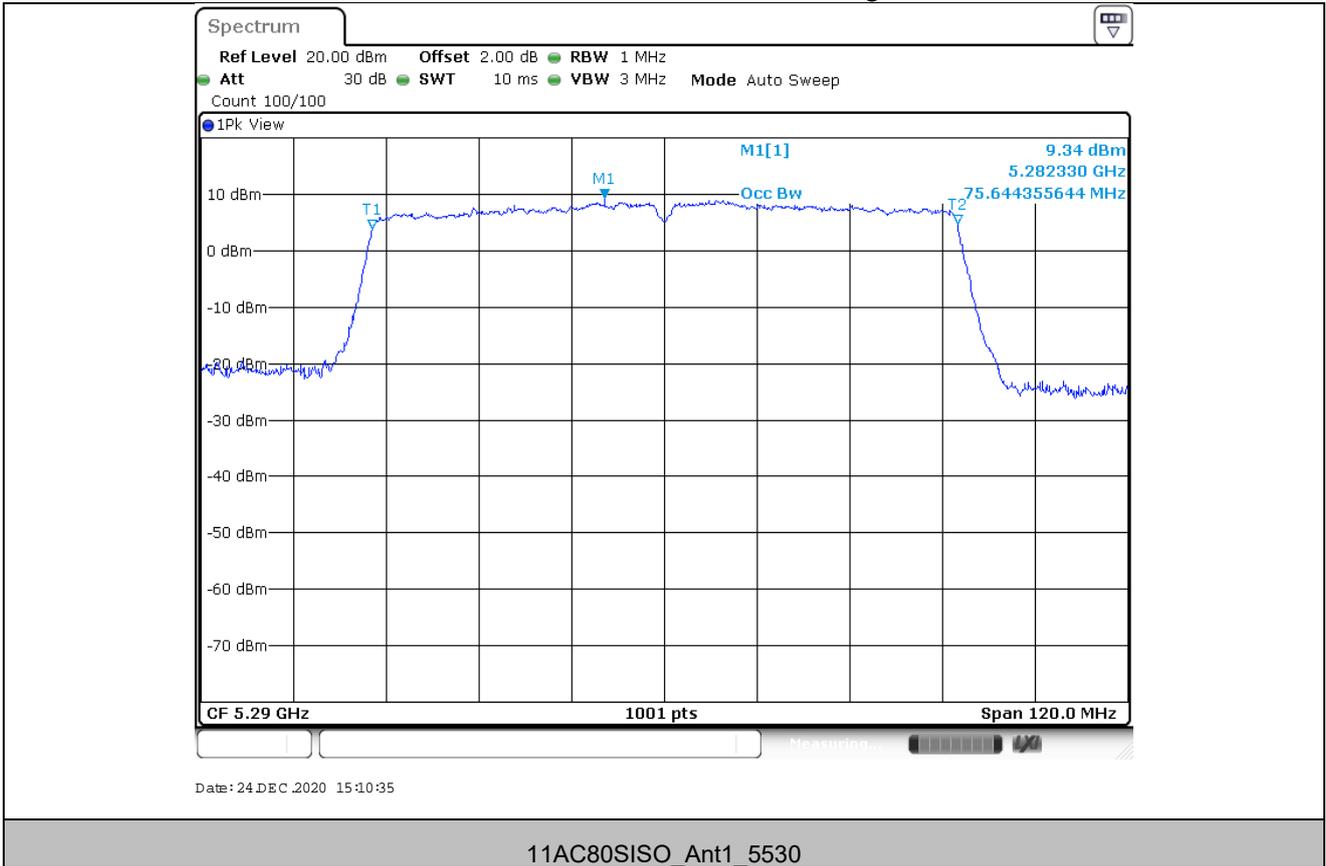
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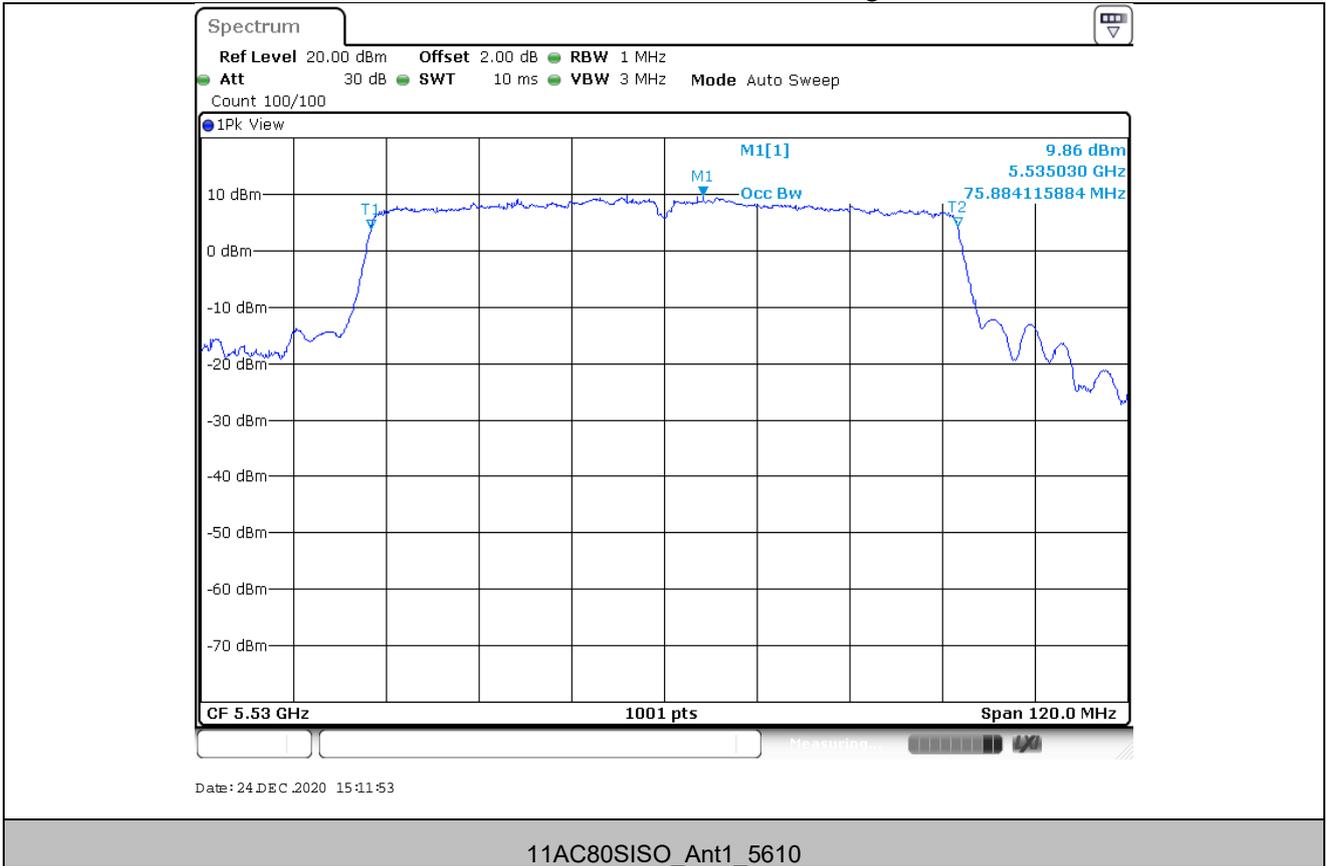
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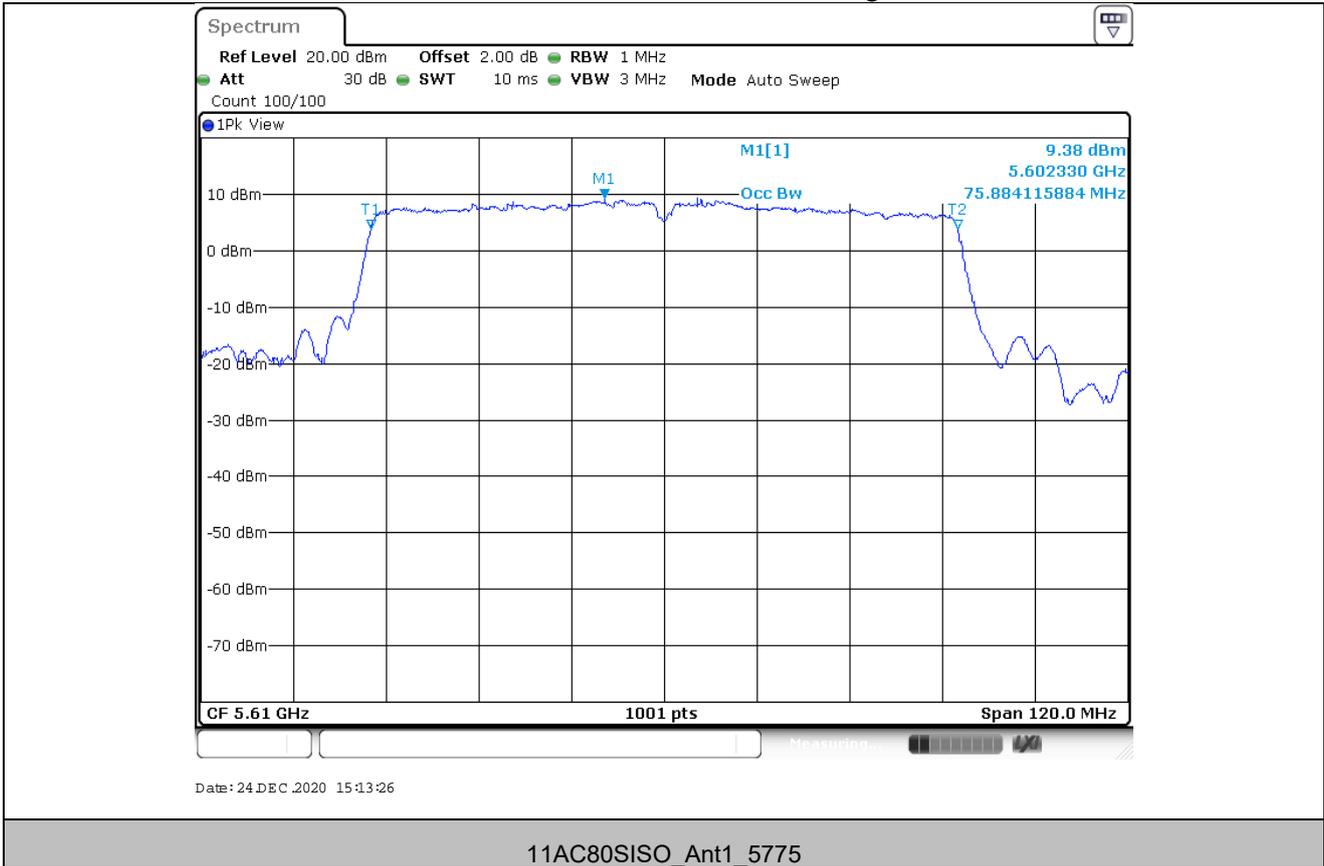


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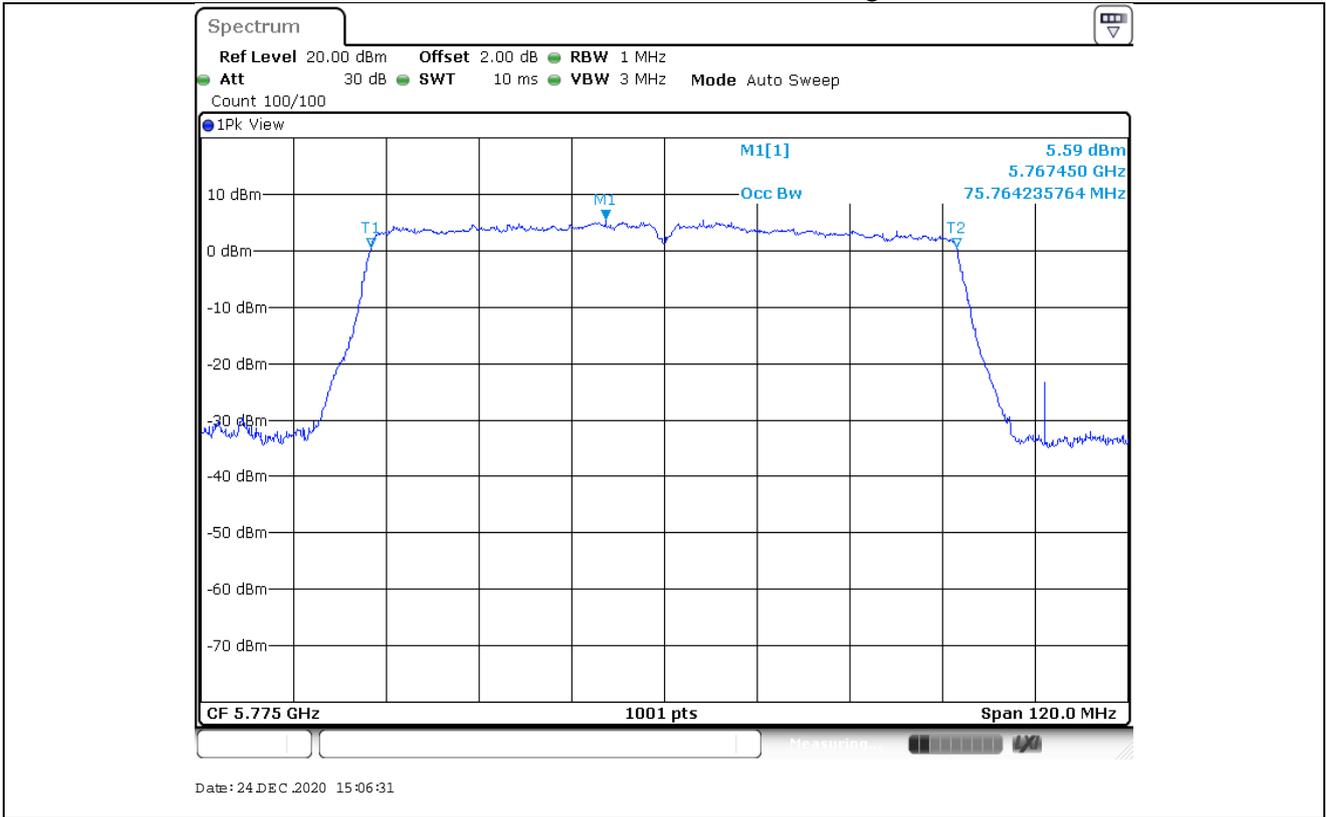
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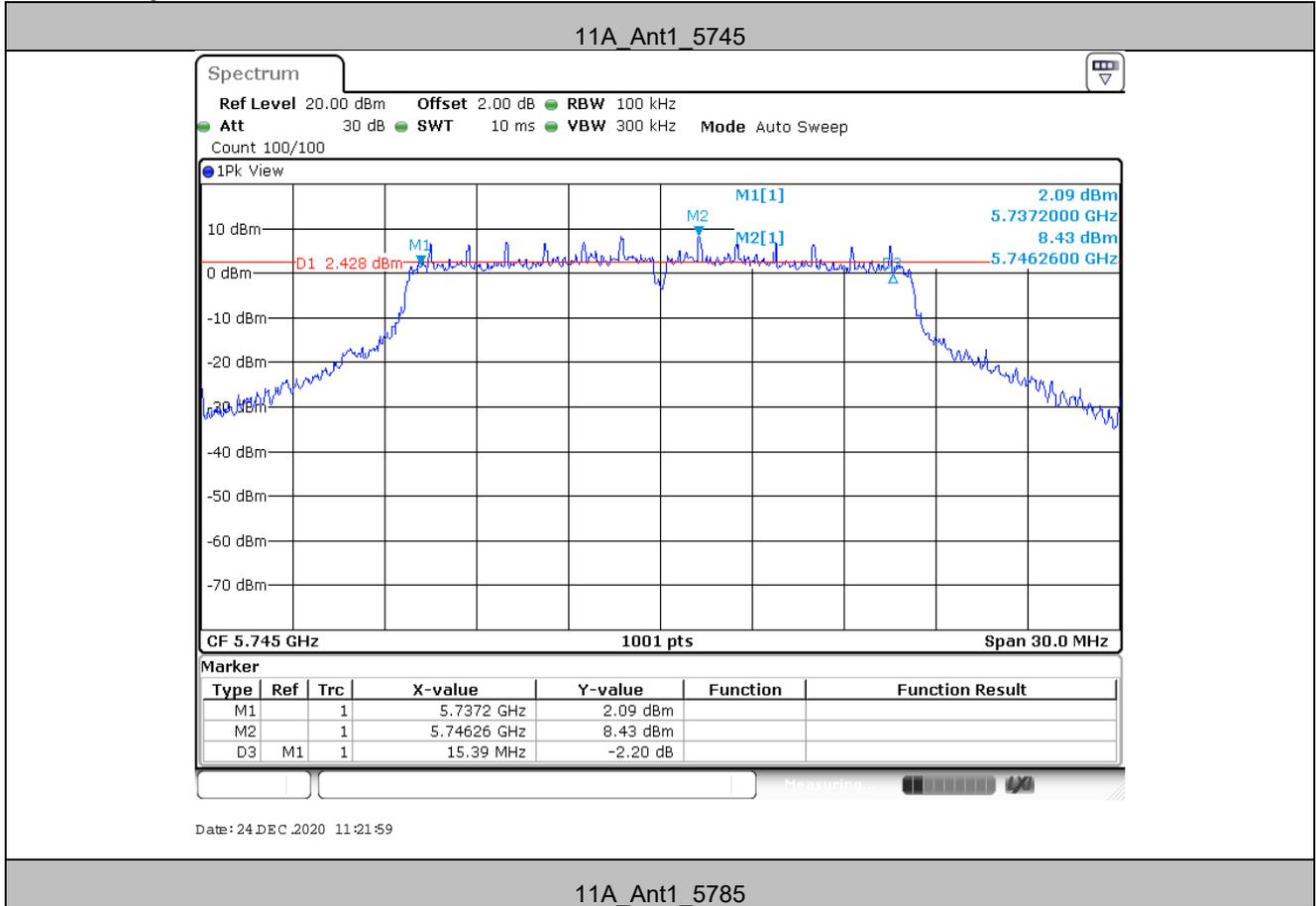
Min emission bandwidth
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5745	15.390	5737.200	5752.590	PASS
		5785	15.360	5777.200	5792.560	PASS
		5825	15.390	5817.200	5832.590	PASS
11N20SISO	Ant1	5745	15.540	5737.050	5752.590	PASS
		5785	16.020	5776.570	5792.590	PASS
		5825	16.020	5816.570	5832.590	PASS
11N40SISO	Ant1	5755	35.880	5736.760	5772.640	PASS
		5795	35.880	5776.760	5812.640	PASS
11AC20SISO	Ant1	5745	16.020	5736.570	5752.590	PASS
		5745	16.020	5736.570	5752.590	PASS
		5785	15.720	5777.050	5792.770	PASS
		5825	16.020	5816.570	5832.590	PASS
11AC40SISO	Ant1	5755	35.880	5736.760	5772.640	PASS
		5795	35.640	5777.000	5812.640	PASS
11AC80SISO	Ant1	5775	75.600	5737.080	5812.680	PASS

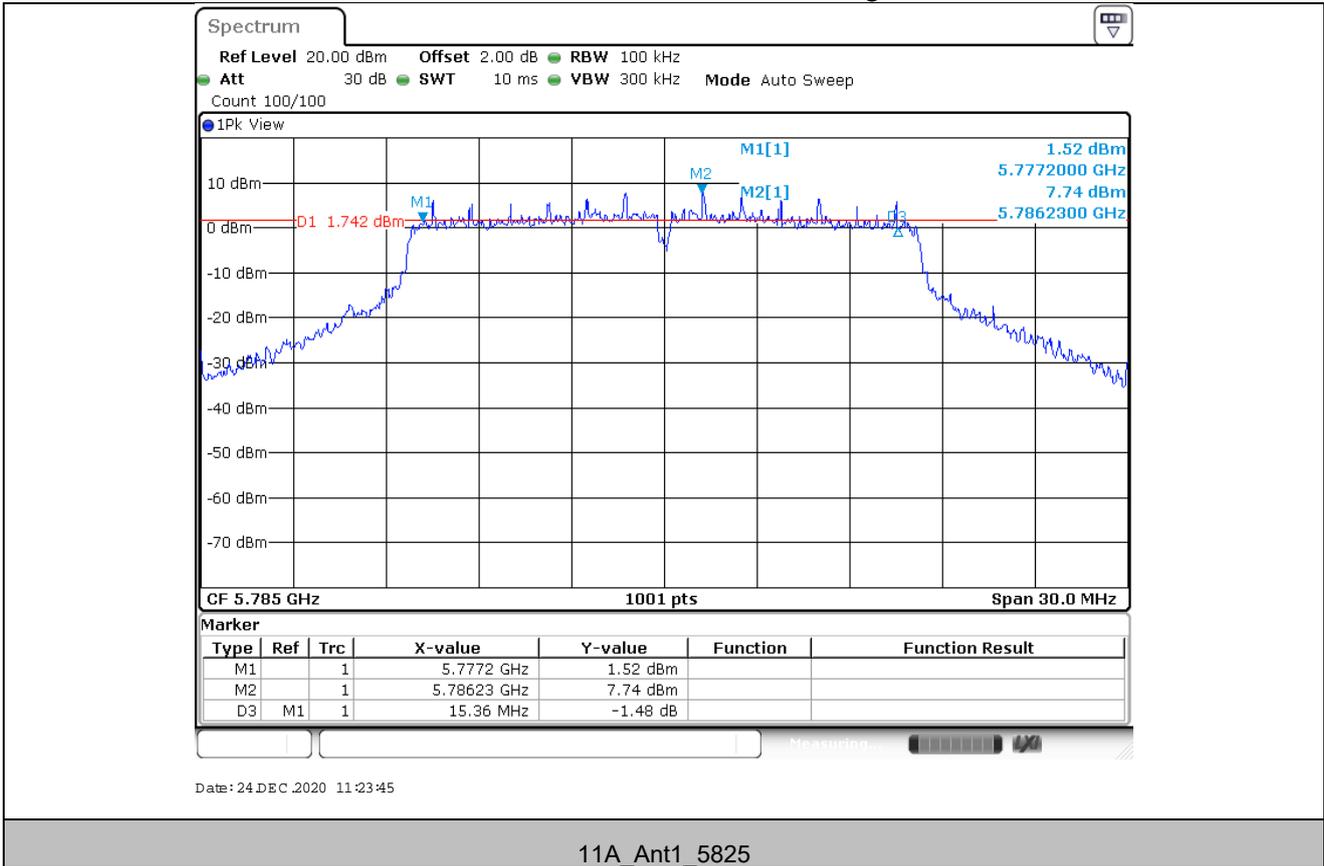


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Test Graphs



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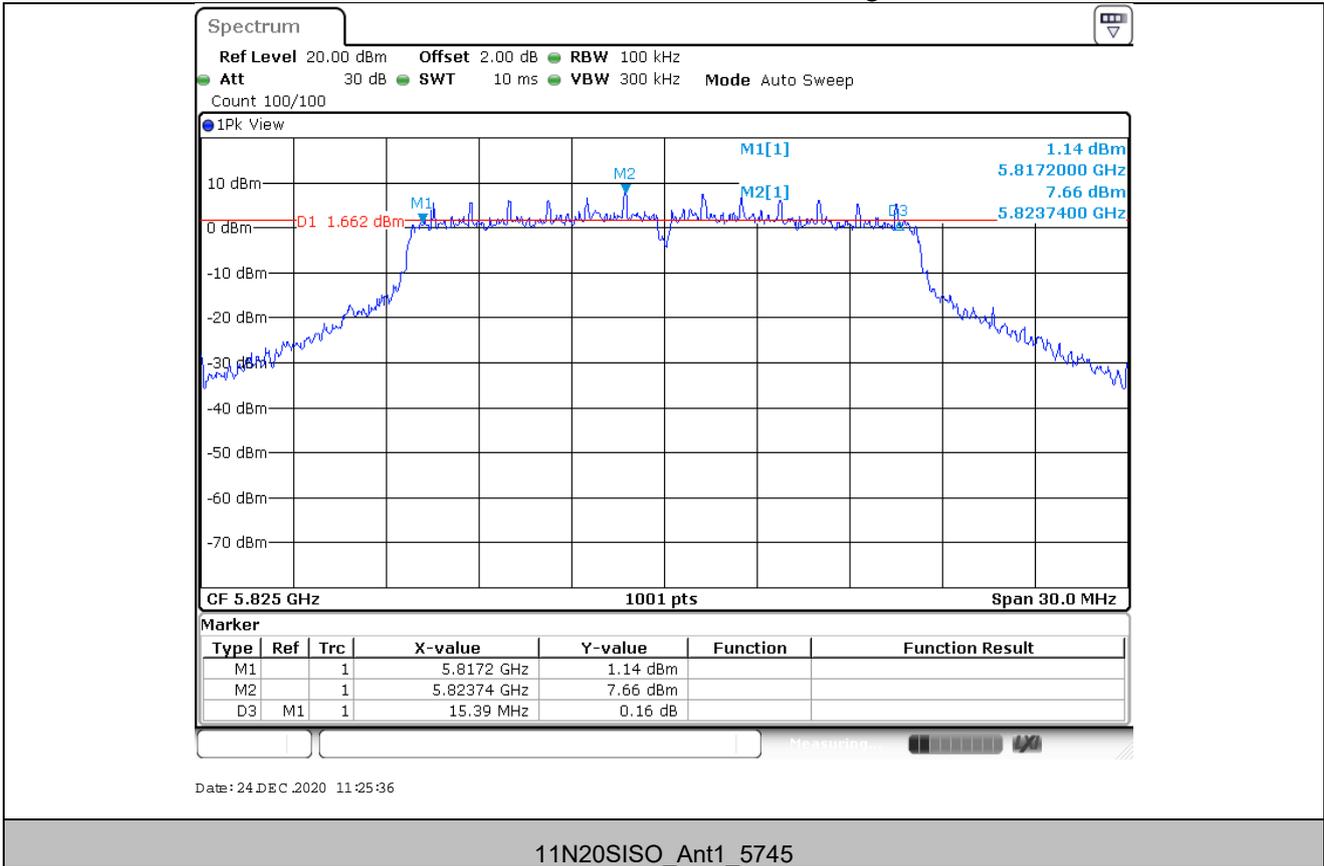


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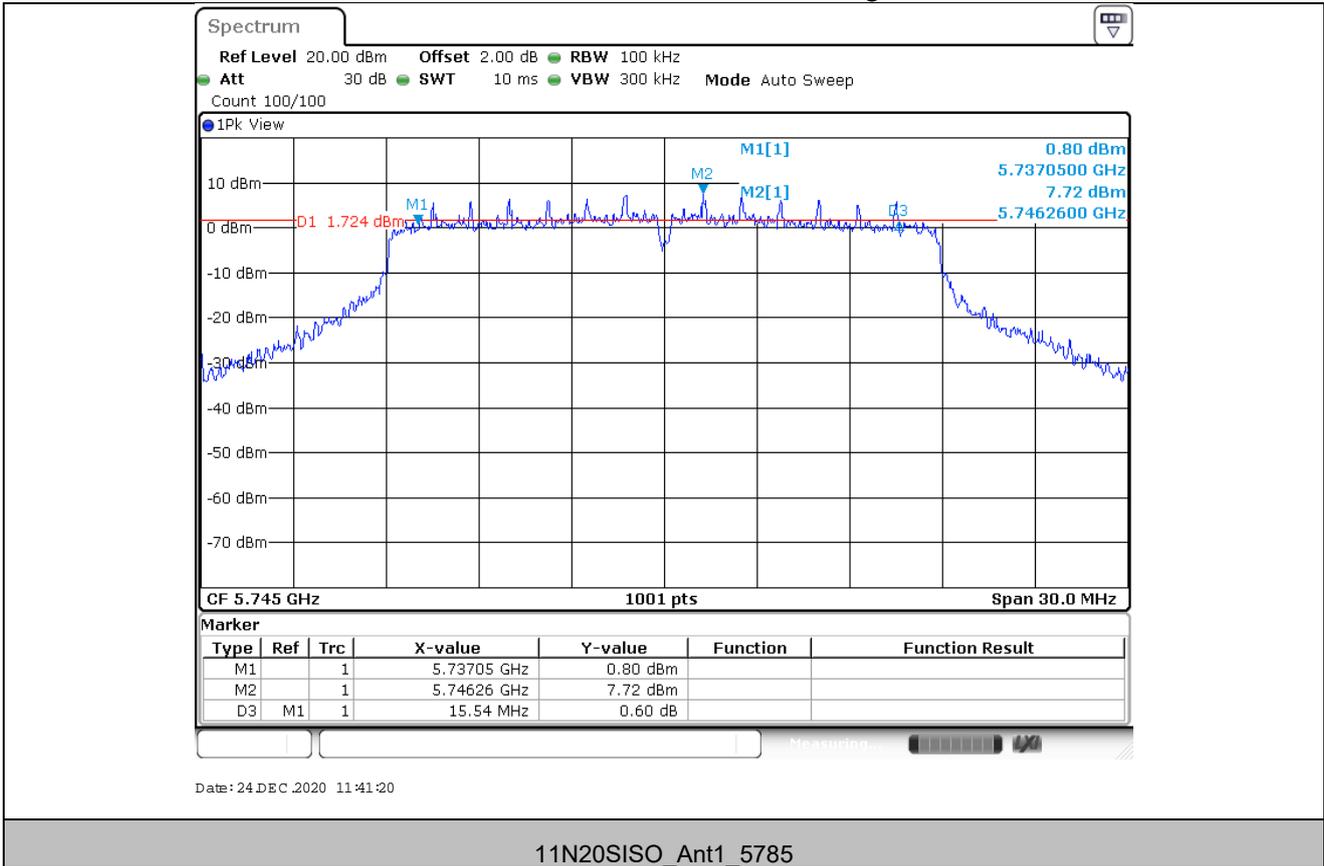
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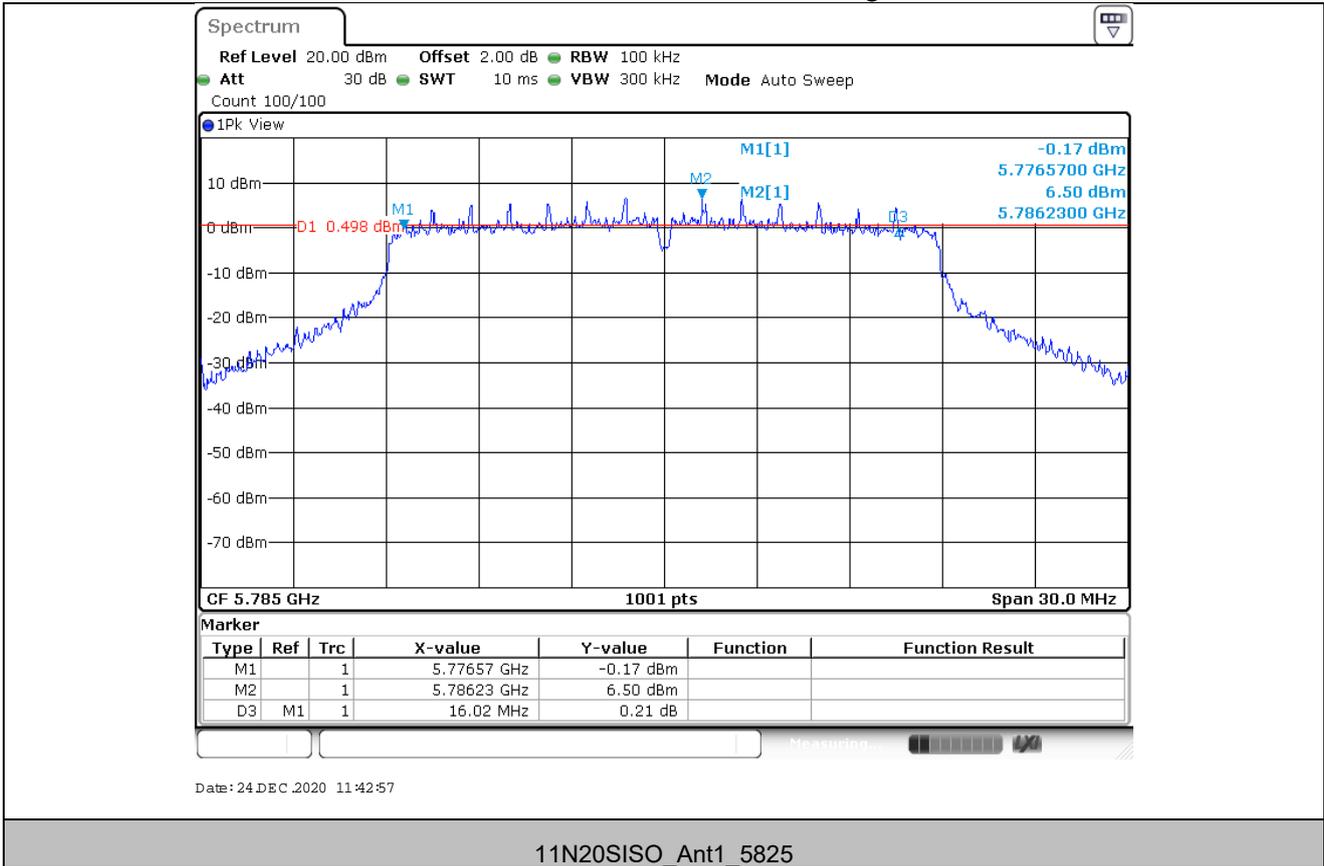
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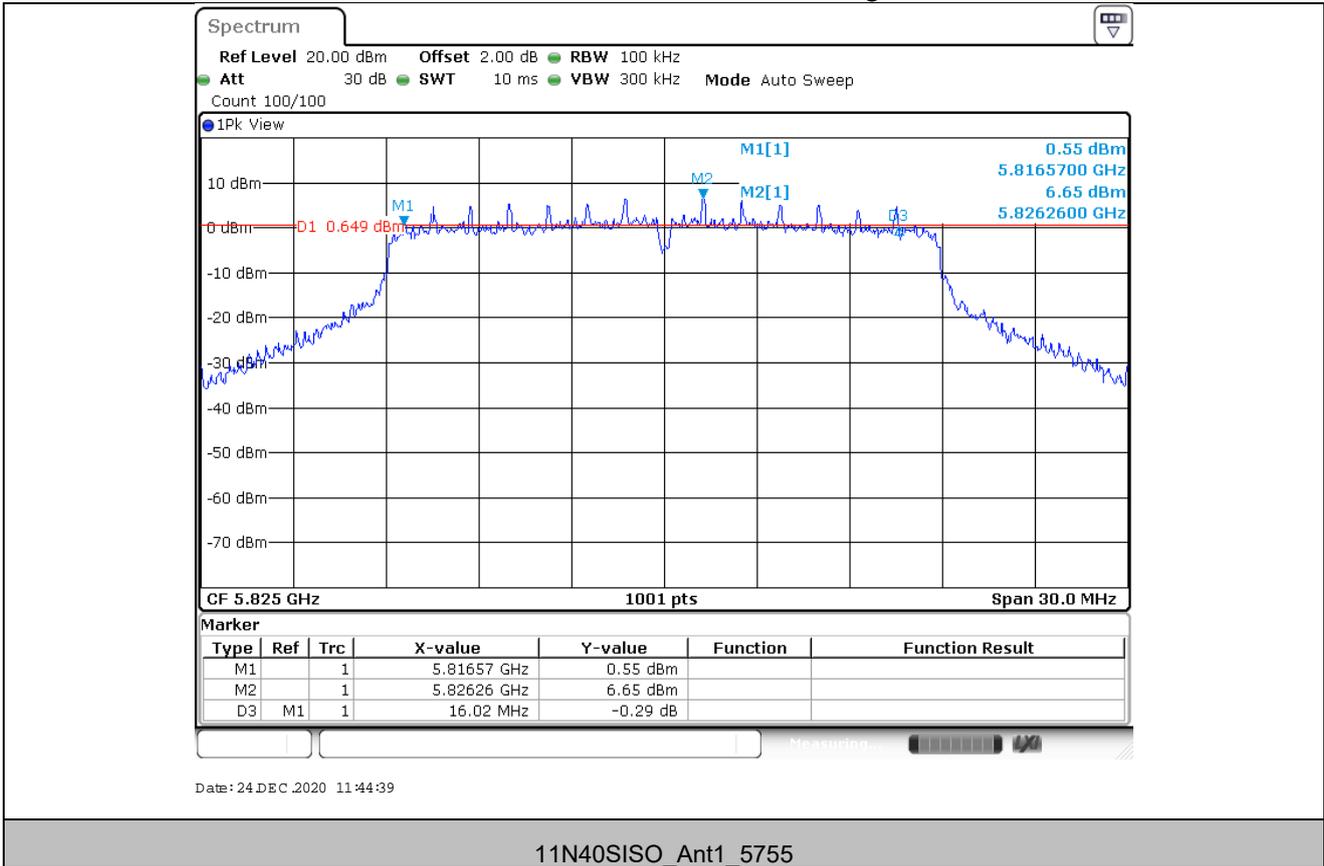


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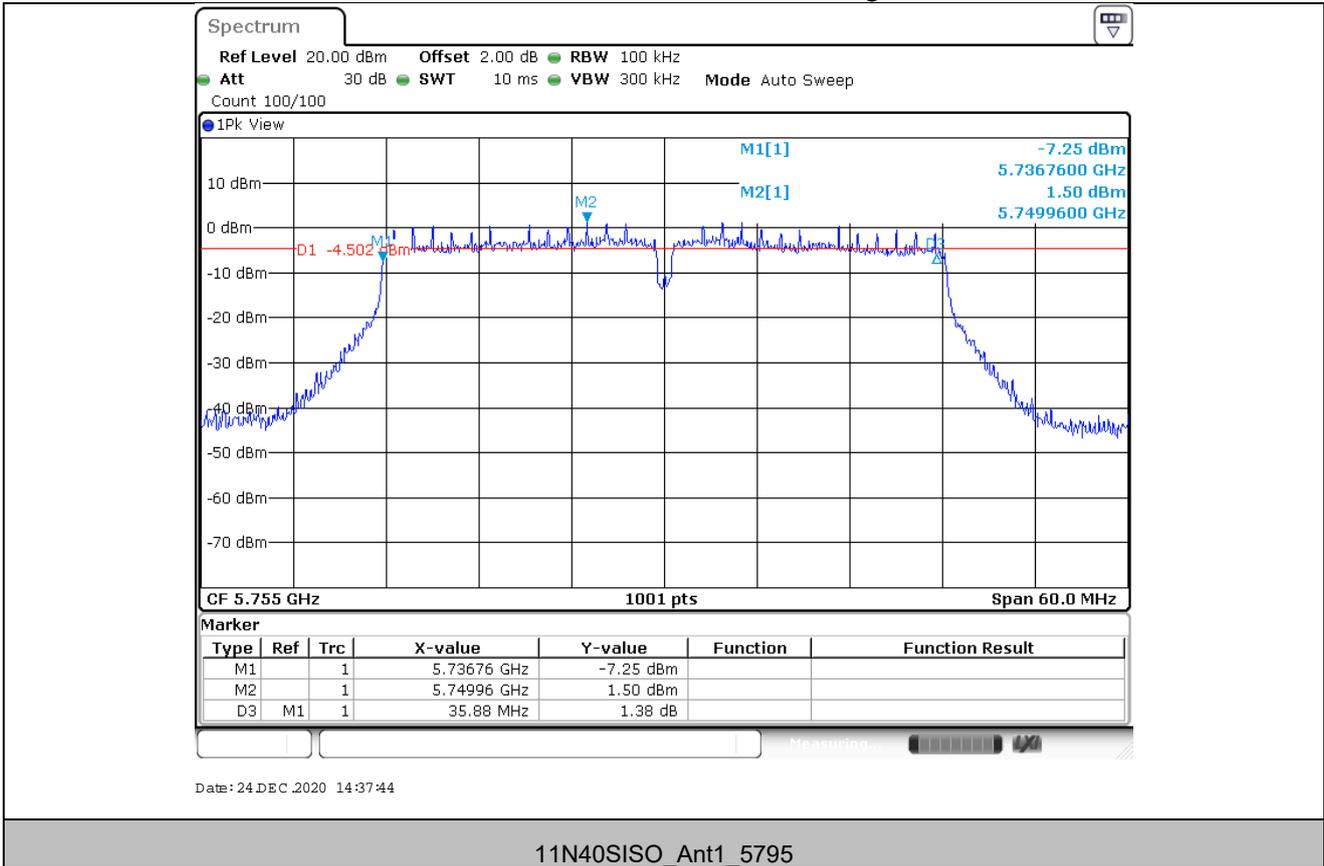
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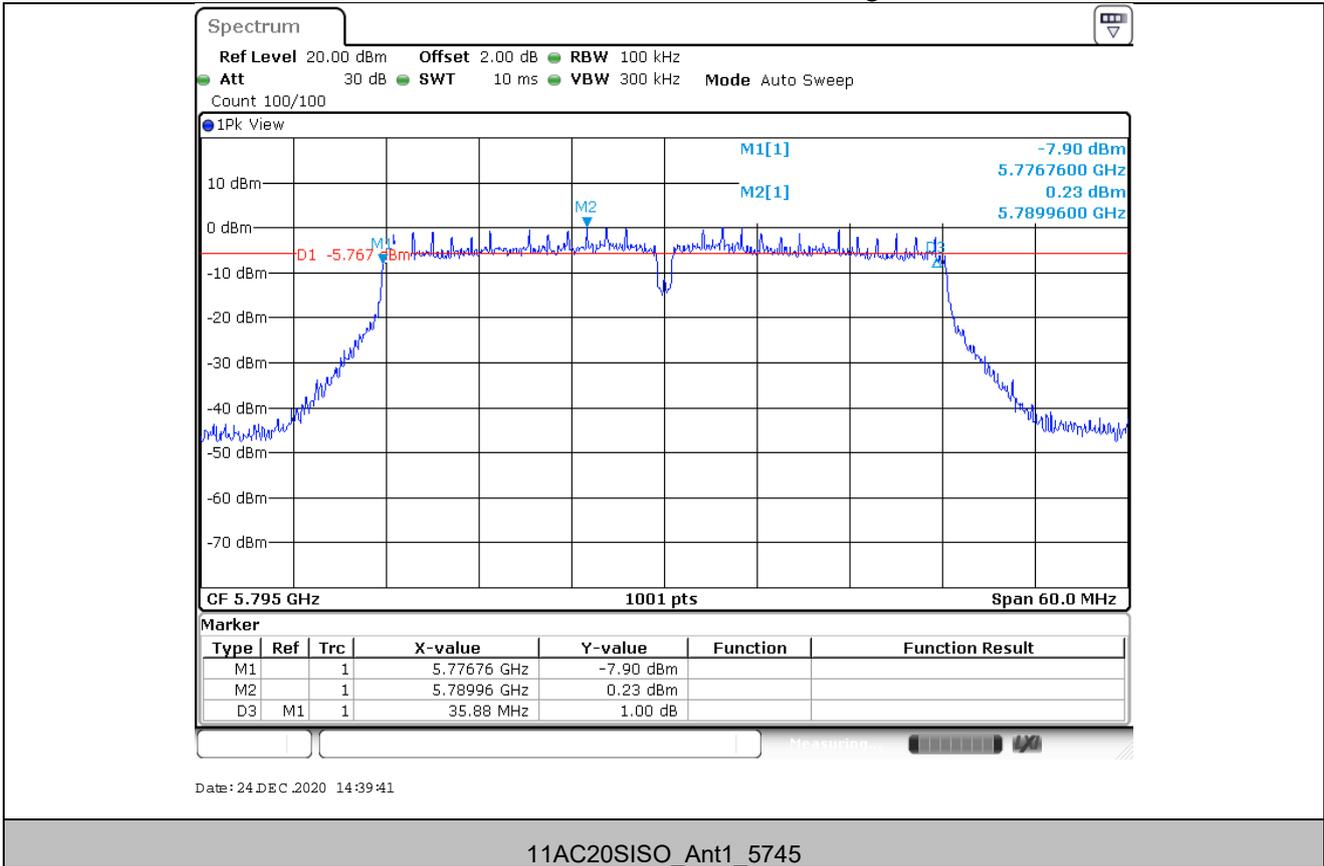
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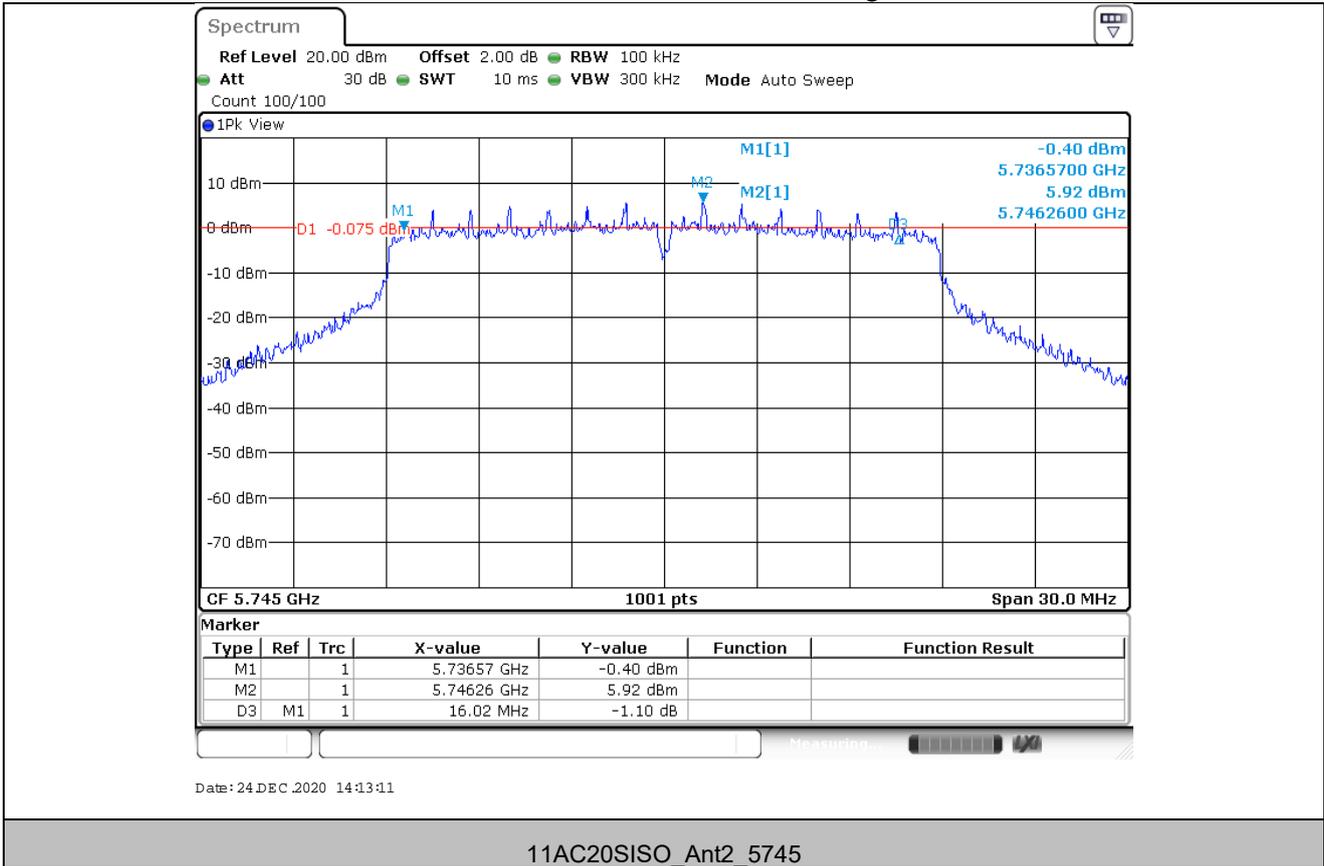
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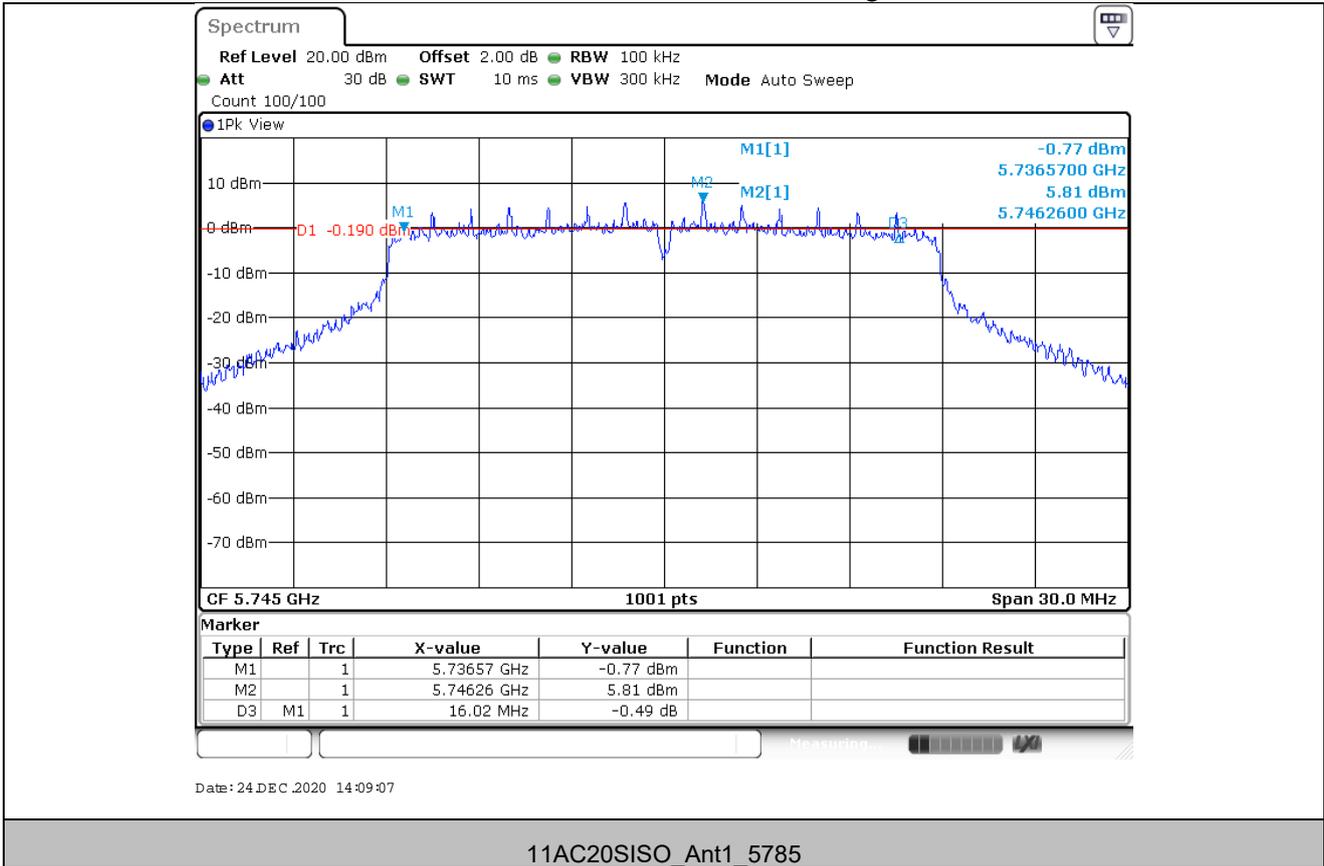
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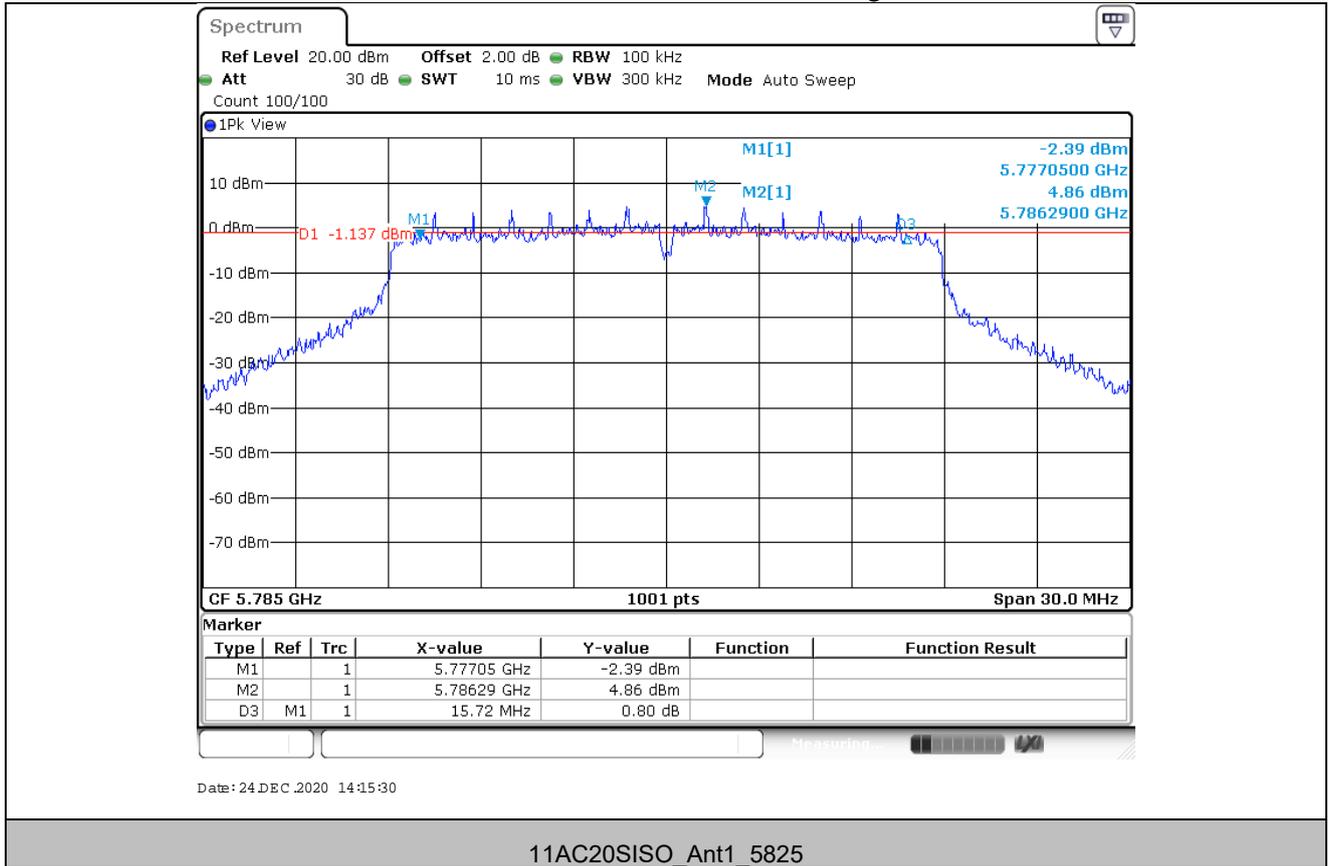


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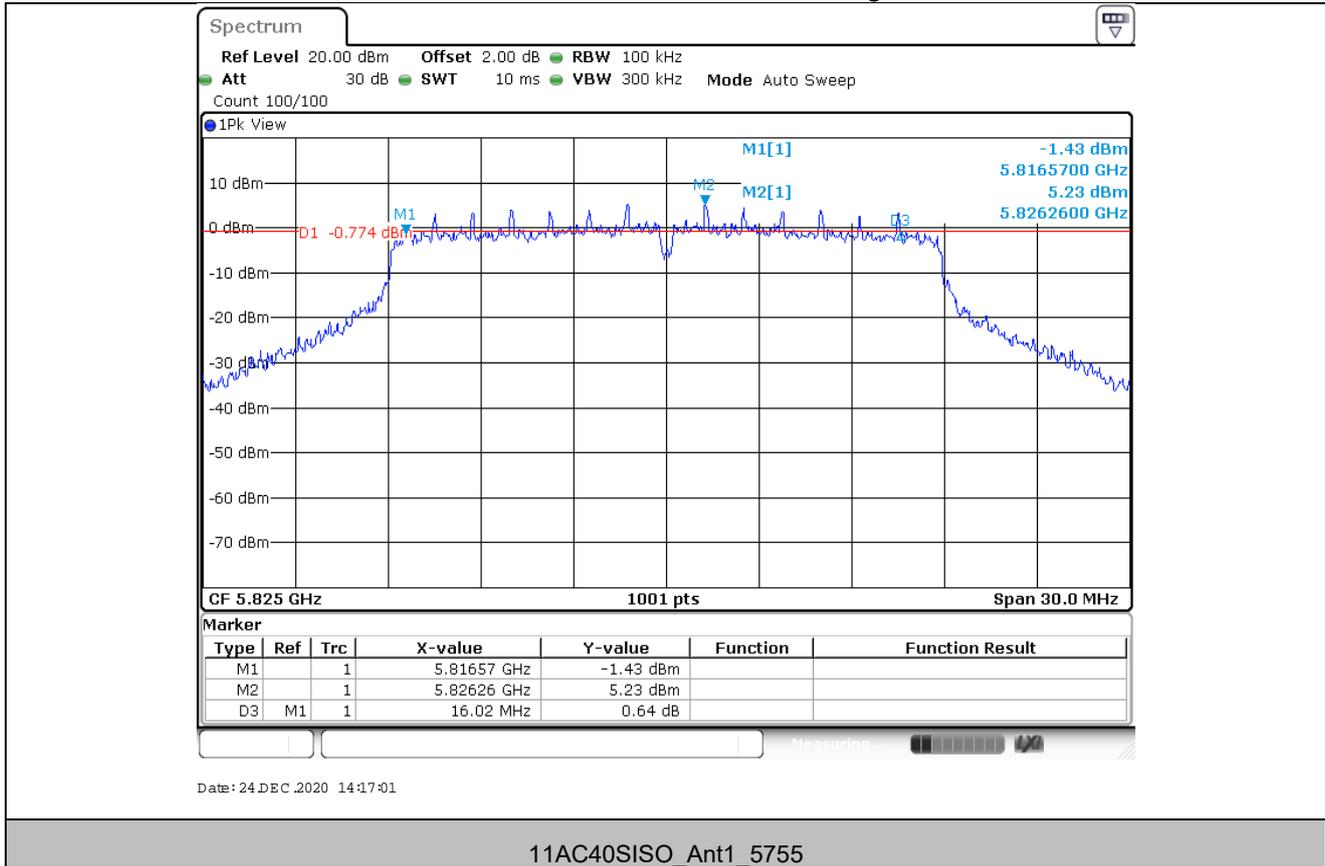


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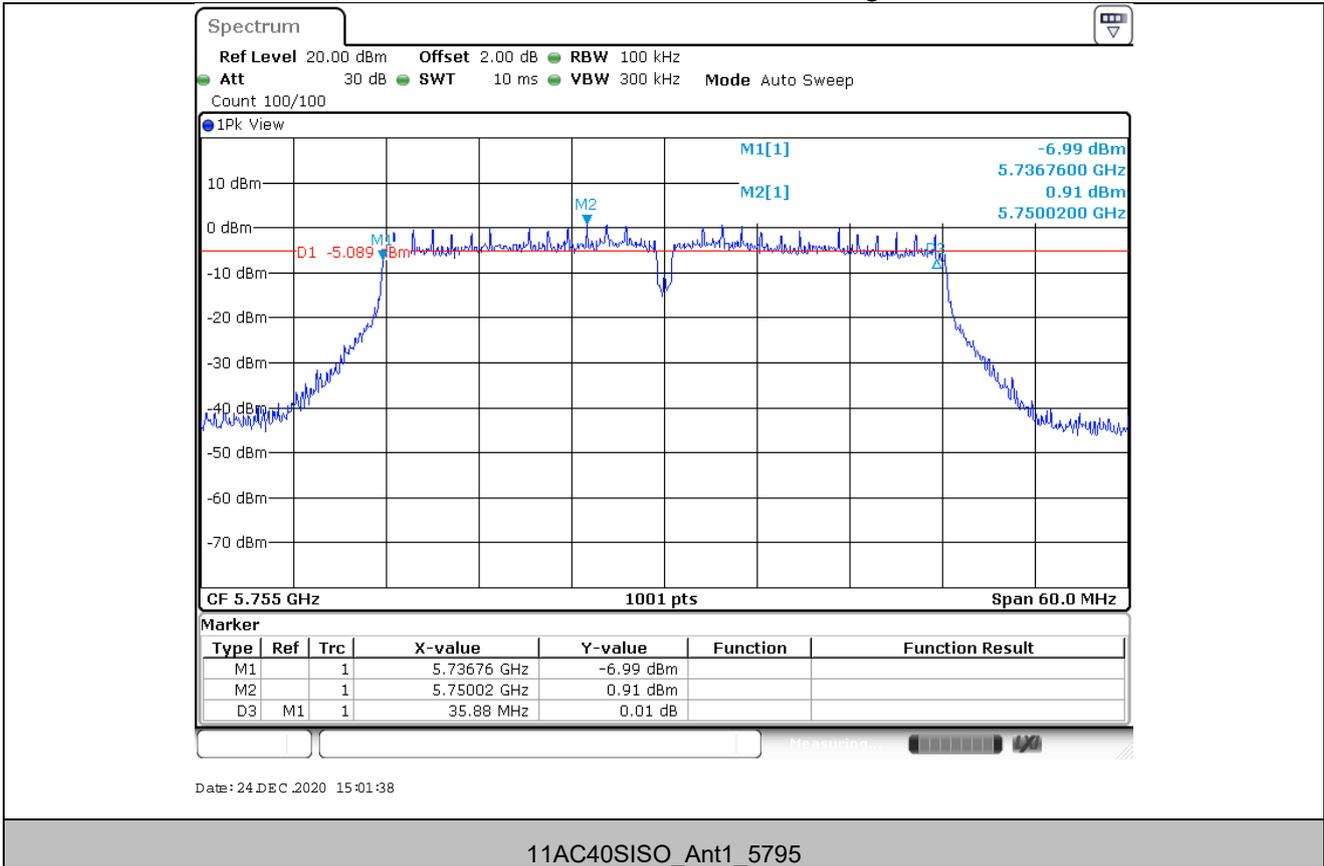
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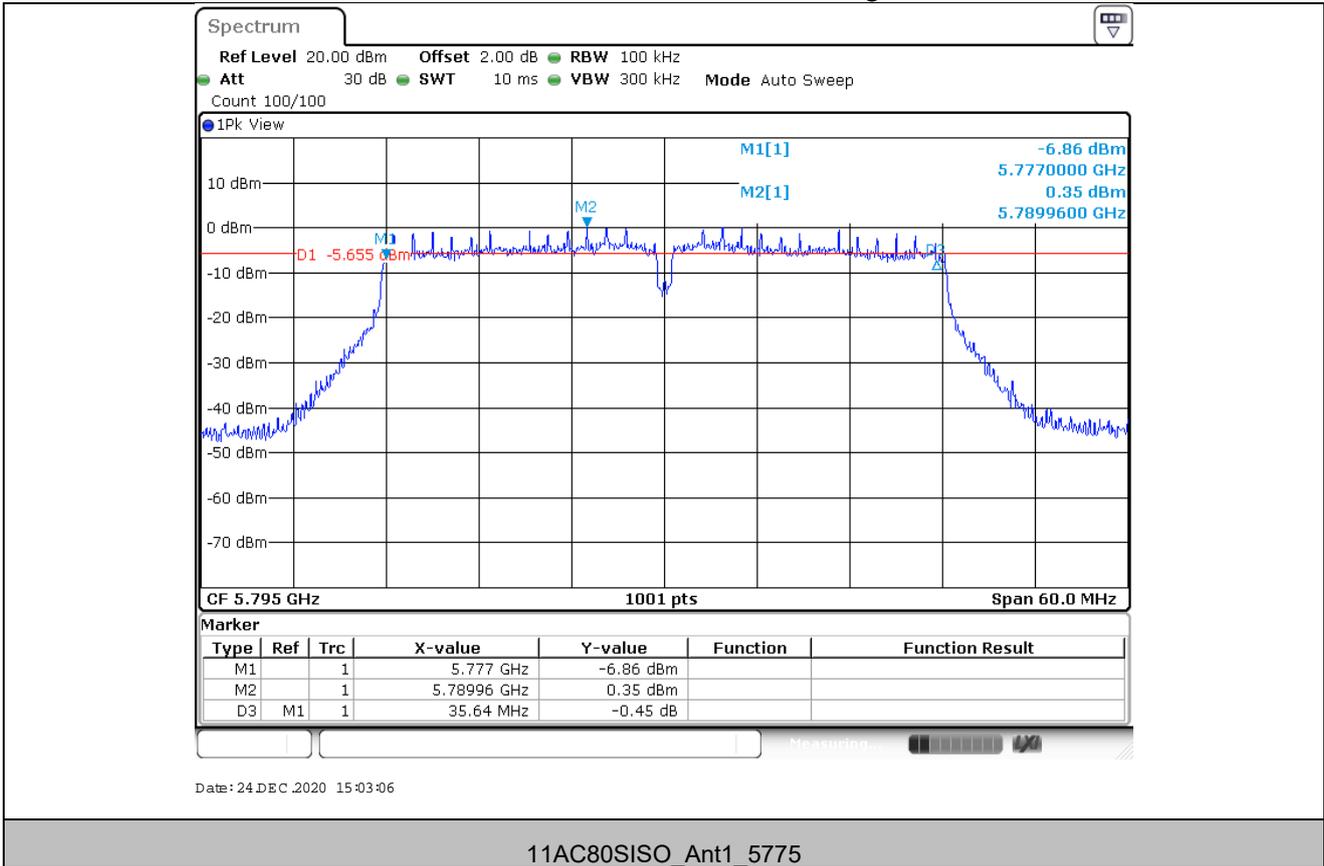
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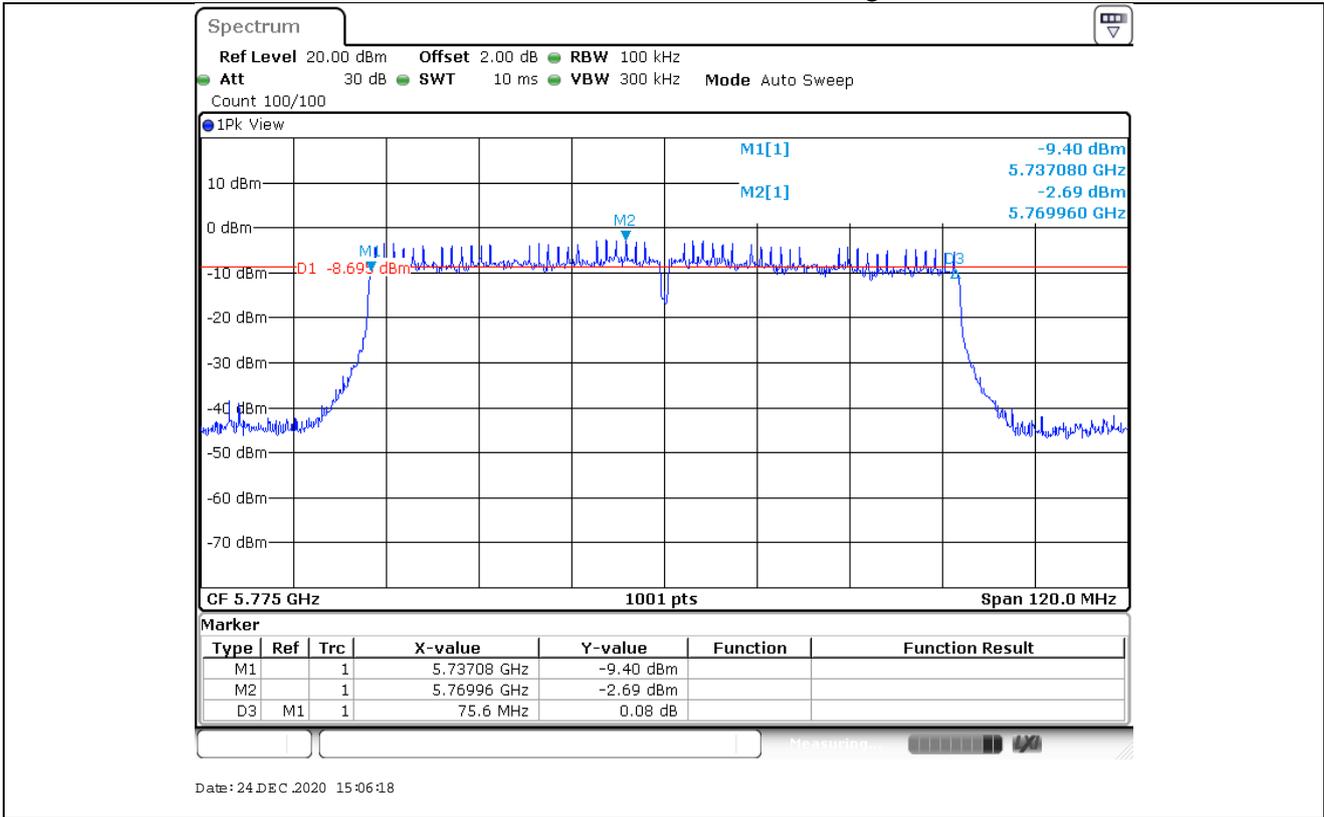
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Maximum conducted output power
Test Result

TestMode	Antenna	Channel	Meas. Level (Cond.) [dBm]	Meas. Level (EIRP.) [dBm]	Verdict
11A	Ant1	5180	15.63	16.53	PASS
		5200	15.98	16.88	PASS
		5240	16.69	17.59	PASS
		5260	16.58	17.48	PASS
		5300	16.51	17.41	PASS
		5320	16.99	17.89	PASS
		5500	15.77	16.67	PASS
		5580	16.59	17.49	PASS
		5700	16.09	16.99	PASS
		5745	14.31	15.21	PASS
		5785	13.45	14.35	PASS
		5825	13.64	14.54	PASS
		11N20SISO	Ant1	5180	16.08
5200	16.58			17.48	PASS
5240	16.90			17.8	PASS
5260	17.07			17.97	PASS
5300	17.05			17.95	PASS
5320	17.06			17.96	PASS
5500	16.10			17	PASS
5580	16.79			17.69	PASS
5700	16.47			17.37	PASS
5745	13.99			14.89	PASS
5785	13.45			14.35	PASS
5825	13.22			14.12	PASS
11N40SISO	Ant1			5190	14.90
		5230	15.40	16.3	PASS
		5270	16.14	17.04	PASS
		5310	16.21	17.11	PASS



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		5510	14.74	15.64	PASS
		5550	15.45	16.35	PASS
		5670	15.01	15.91	PASS
		5755	14.36	15.26	PASS
		5795	13.93	14.83	PASS
11AC20SISO	Ant1	5180	16.20	17.1	PASS
		5200	16.29	17.19	PASS
		5240	16.80	17.7	PASS
		5260	17.09	17.99	PASS
		5300	17.13	18.03	PASS
		5320	17.23	18.13	PASS
		5500	16.10	17	PASS
		5580	16.92	17.82	PASS
		5700	16.65	17.55	PASS
		5745	15.22	16.12	PASS
		5785	13.21	14.11	PASS
		5825	13.45	14.35	PASS
11AC40SISO	Ant1	5190	14.68	15.58	PASS
		5230	15.55	16.45	PASS
		5270	15.42	16.32	PASS
		5310	15.32	16.22	PASS
		5510	14.75	15.65	PASS
		5550	15.45	16.35	PASS
		5670	14.91	15.81	PASS
		5755	14.34	15.24	PASS
		5795	13.96	14.86	PASS
11AC80SISO	Ant1	5210	14.01	14.91	PASS
		5290	14.81	15.71	PASS
		5530	13.41	14.31	PASS
		5610	13.85	14.75	PASS
		5775	13.69	14.59	PASS



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Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Meas. Level [dBm/1MHz(For UNII Band I/II)/500KHz(For UNII Band III)]	Corr'd Level(Cond.) [dBm/1MHz(For UNII Band I/II)/500KHz(For UNII Band III)]	Verdict
11A	Ant1	5180	4.87	4.87	PASS
		5200	5.12	5.12	PASS
		5240	5.7	5.7	PASS
		5260	5.82	5.82	PASS
		5300	5.88	5.88	PASS
		5320	5.98	5.98	PASS
		5500	5.04	5.04	PASS
		5580	5.76	5.76	PASS
		5700	5.37	5.37	PASS
		5745	0.55	0.55	PASS
		5785	-0.13	-0.13	PASS
		5825	-0.26	-0.26	PASS
11N20SISO	Ant1	5180	4.92	5.01	PASS
		5200	5.26	5.35	PASS
		5240	5.67	5.76	PASS
		5260	5.76	5.85	PASS
		5300	5.9	5.99	PASS
		5320	6.04	6.13	PASS
		5500	5.07	5.16	PASS
		5580	5.73	5.82	PASS
		5700	5.39	5.48	PASS
		5745	0.03	0.12	PASS
		5785	-0.69	-0.6	PASS
		5825	-0.75	-0.66	PASS
11N40SISO	Ant1	5190	0.81	0.99	PASS
		5230	1.44	1.62	PASS
		5270	2.05	2.23	PASS
		5310	2.02	2.2	PASS
		5510	0.73	0.91	PASS
		5550	1.33	1.51	PASS



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		5670	1.1	1.28	PASS
		5755	-2.72	-2.54	PASS
		5795	-3.38	-3.2	PASS
11AC20SISO	Ant1	5180	4.94	5.03	PASS
		5200	5.27	5.36	PASS
		5240	5.65	5.74	PASS
		5260	5.79	5.88	PASS
		5300	5.85	5.94	PASS
		5320	6	6.09	PASS
		5500	5.02	5.11	PASS
		5580	5.71	5.8	PASS
		5700	5.39	5.48	PASS
		5745	0.03	0.12	PASS
		5745	4.21	4.3	PASS
		5785	-0.66	-0.57	PASS
		5825	-0.76	-0.67	PASS
		11AC40SISO	Ant1	5190	0.86
5230	1.44			1.62	PASS
5270	1.41			1.59	PASS
5310	1.45			1.63	PASS
5510	0.68			0.86	PASS
5550	1.39			1.57	PASS
5670	1.05			1.23	PASS
5755	-2.7			-2.52	PASS
5795	-3.34			-3.16	PASS
11AC80SISO	Ant1	5210	-2.89	-2.53	PASS
		5290	-2.49	-2.13	PASS
		5530	-3.49	-3.13	PASS
		5610	-3.11	-2.75	PASS
		5775	-6.38	-6.02	PASS

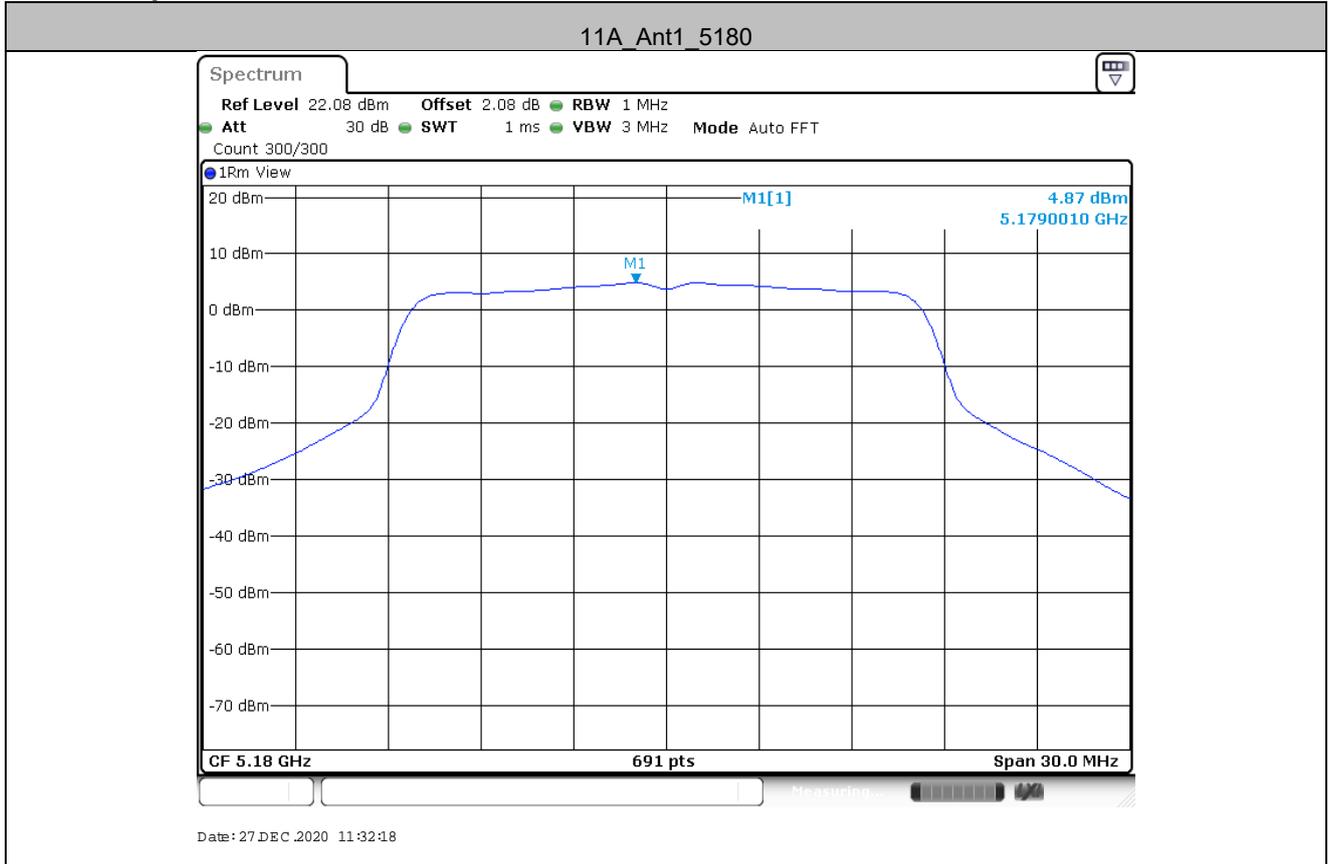
Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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



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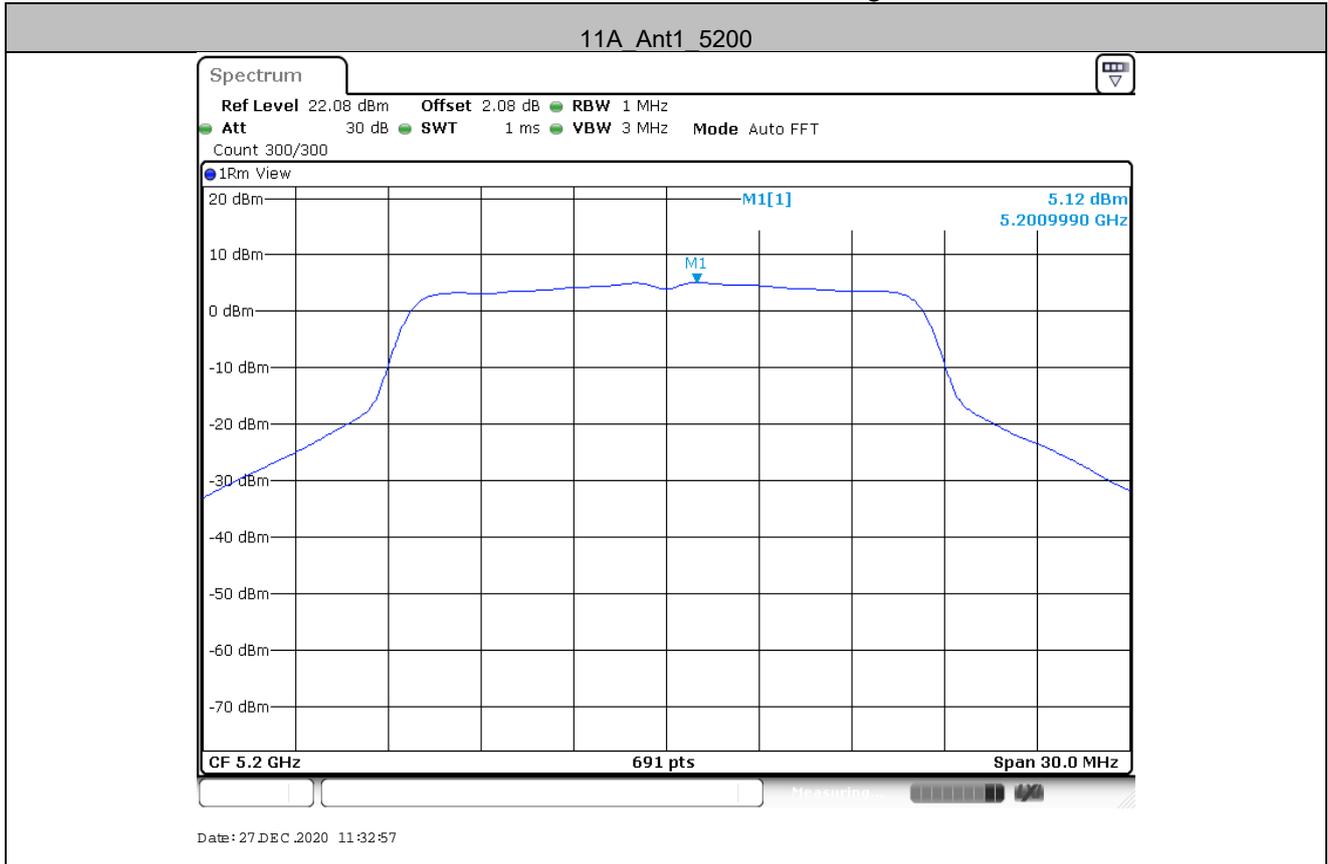
Test Graphs



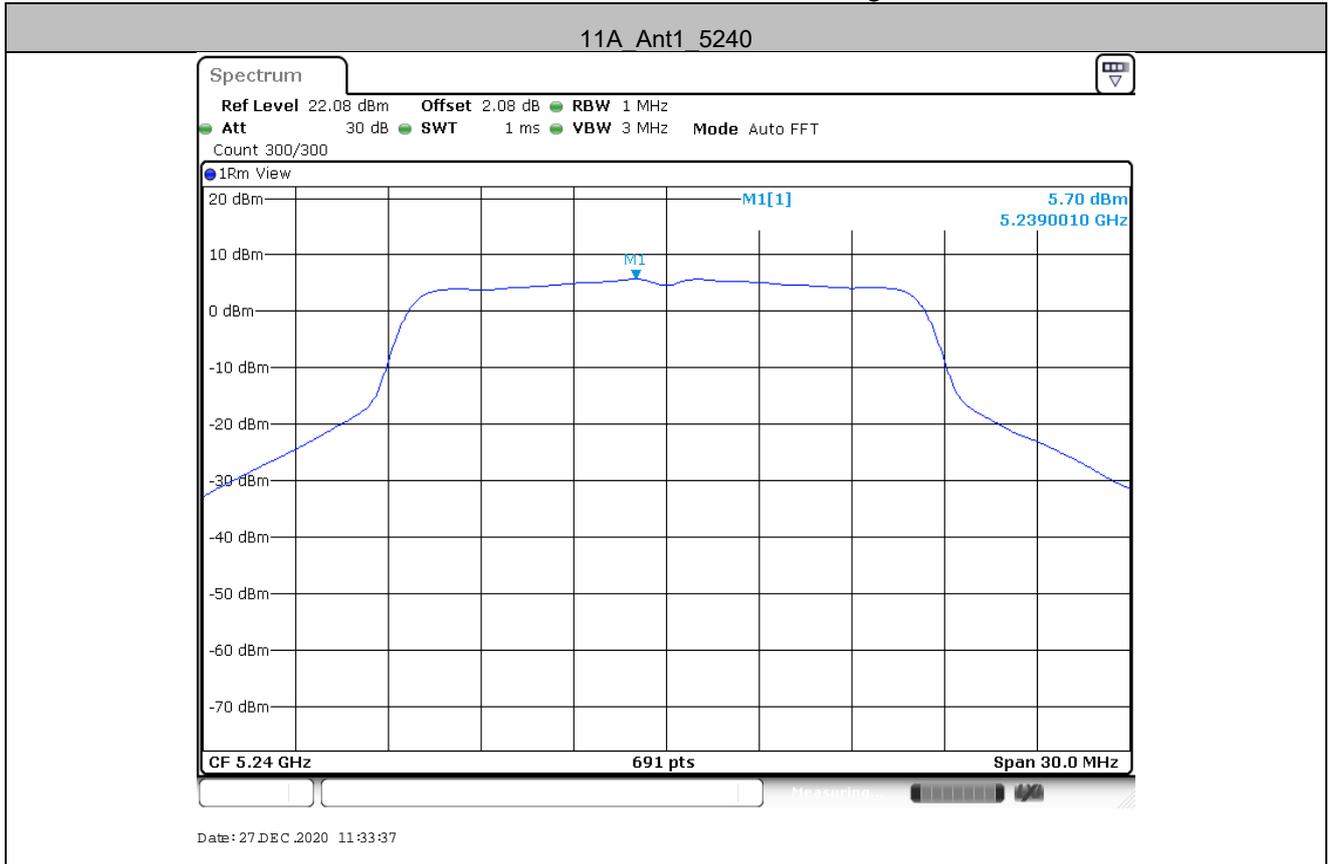
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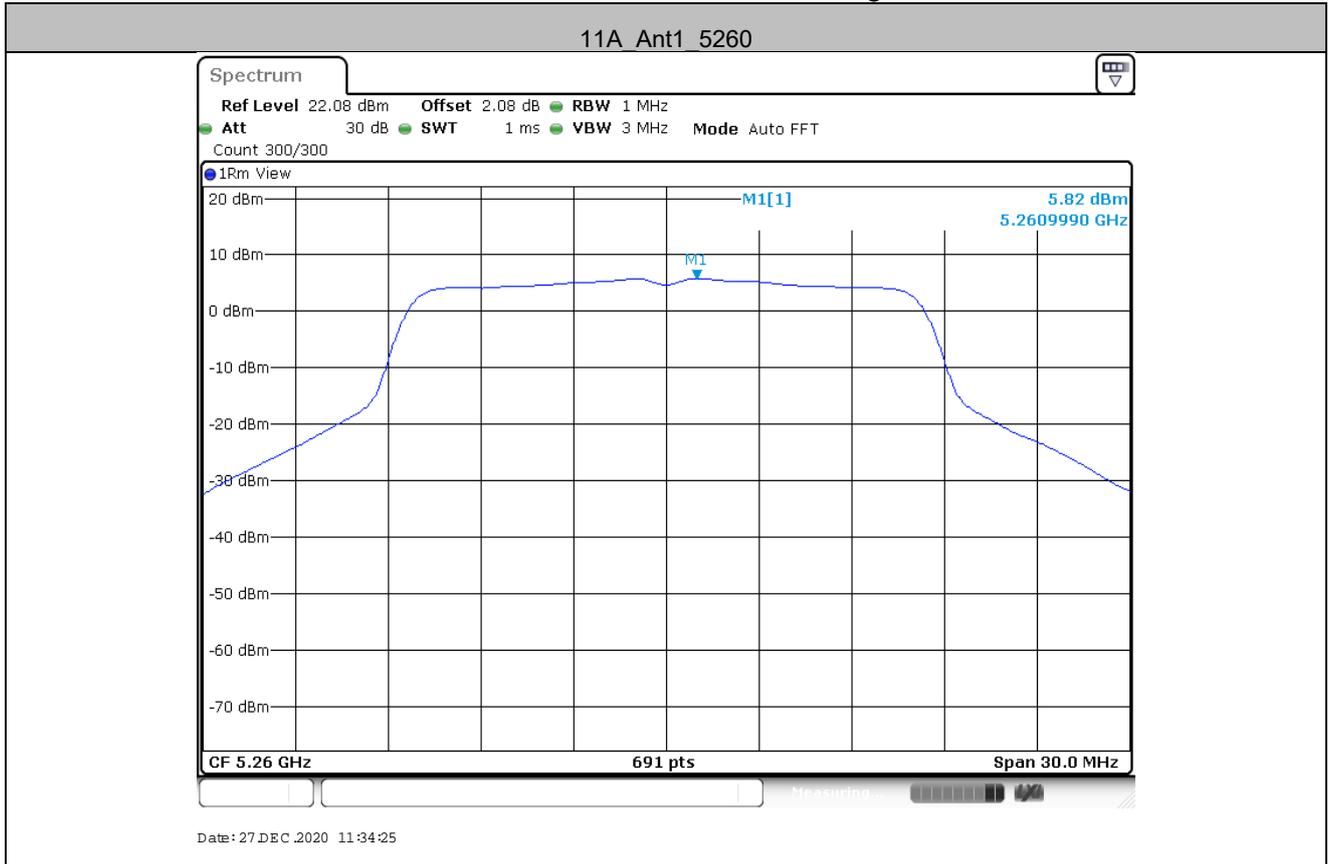




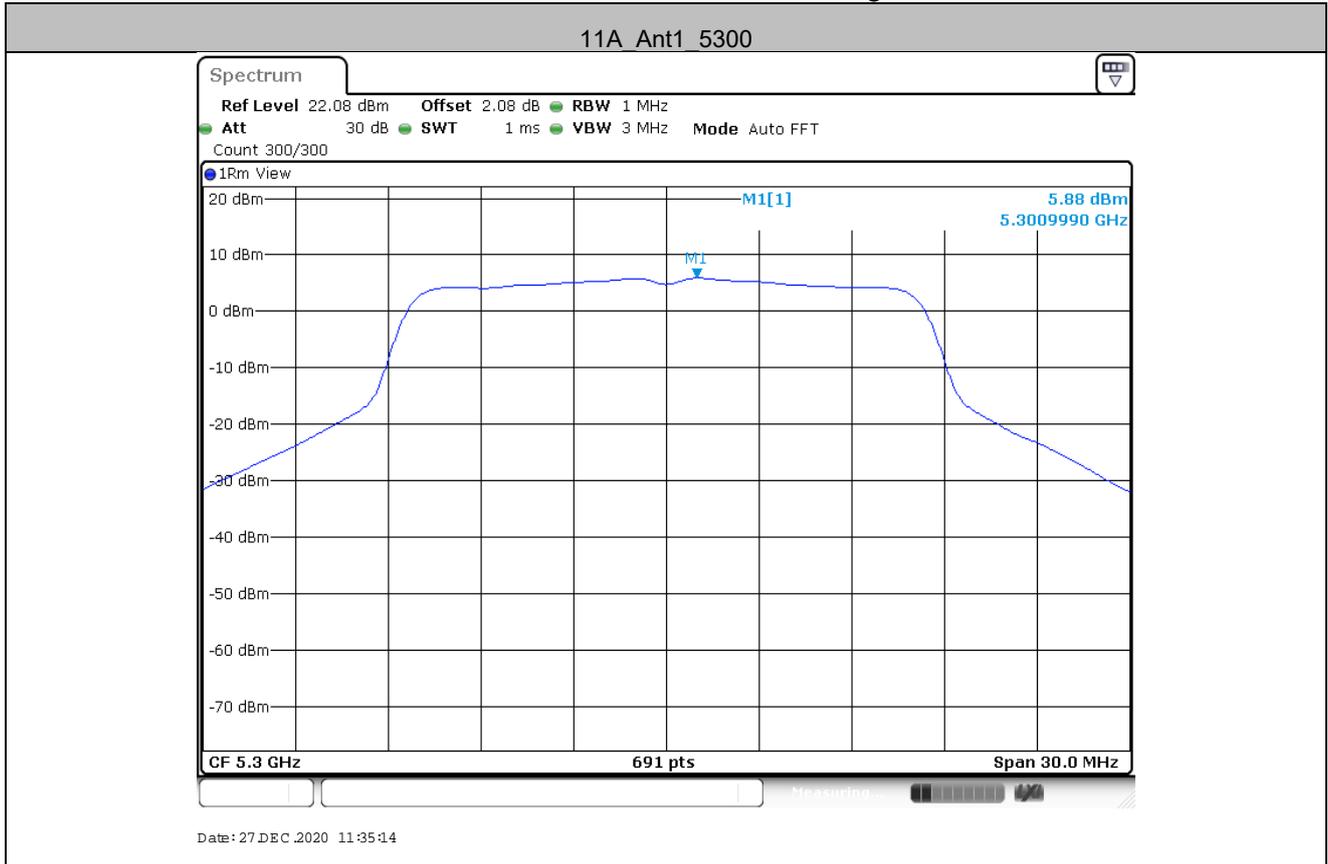
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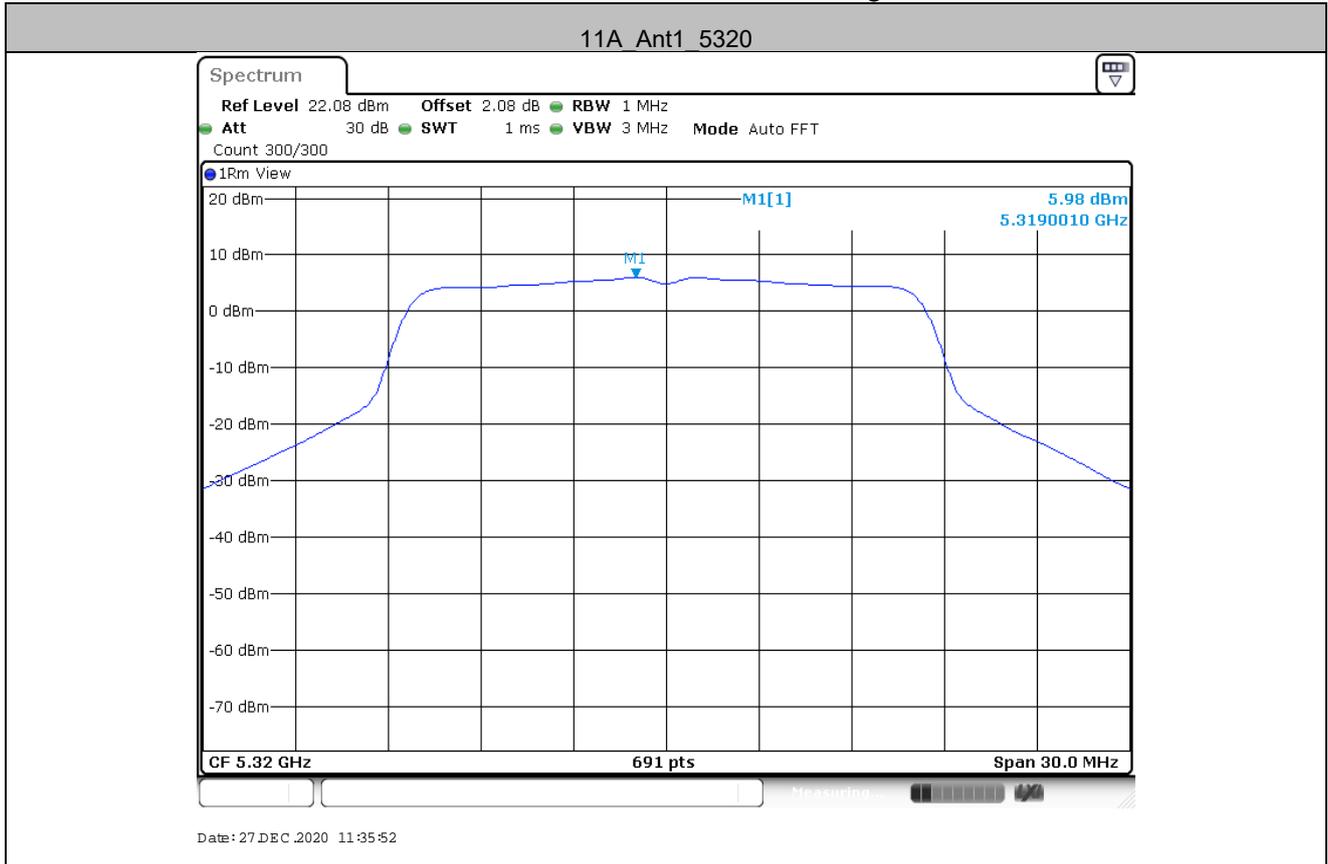


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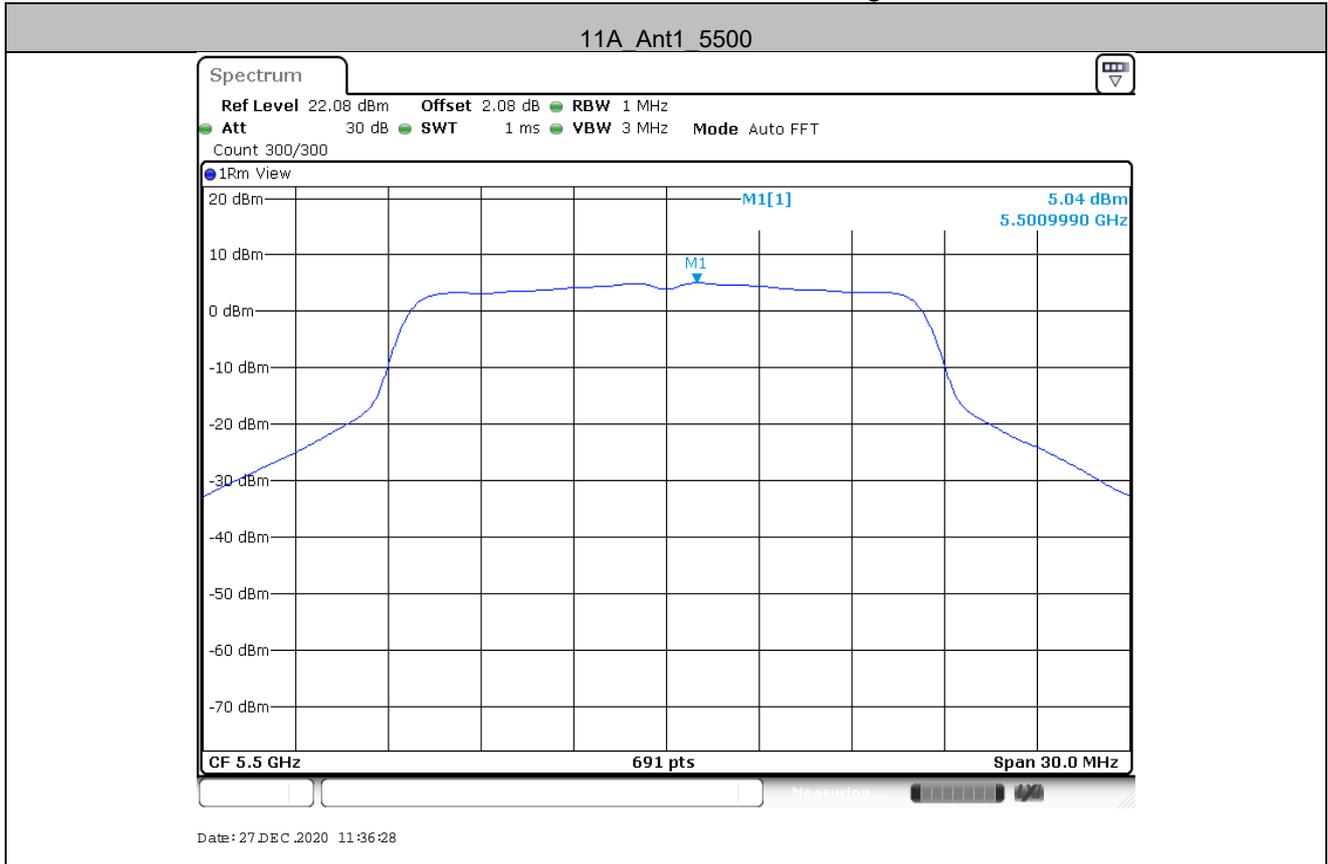


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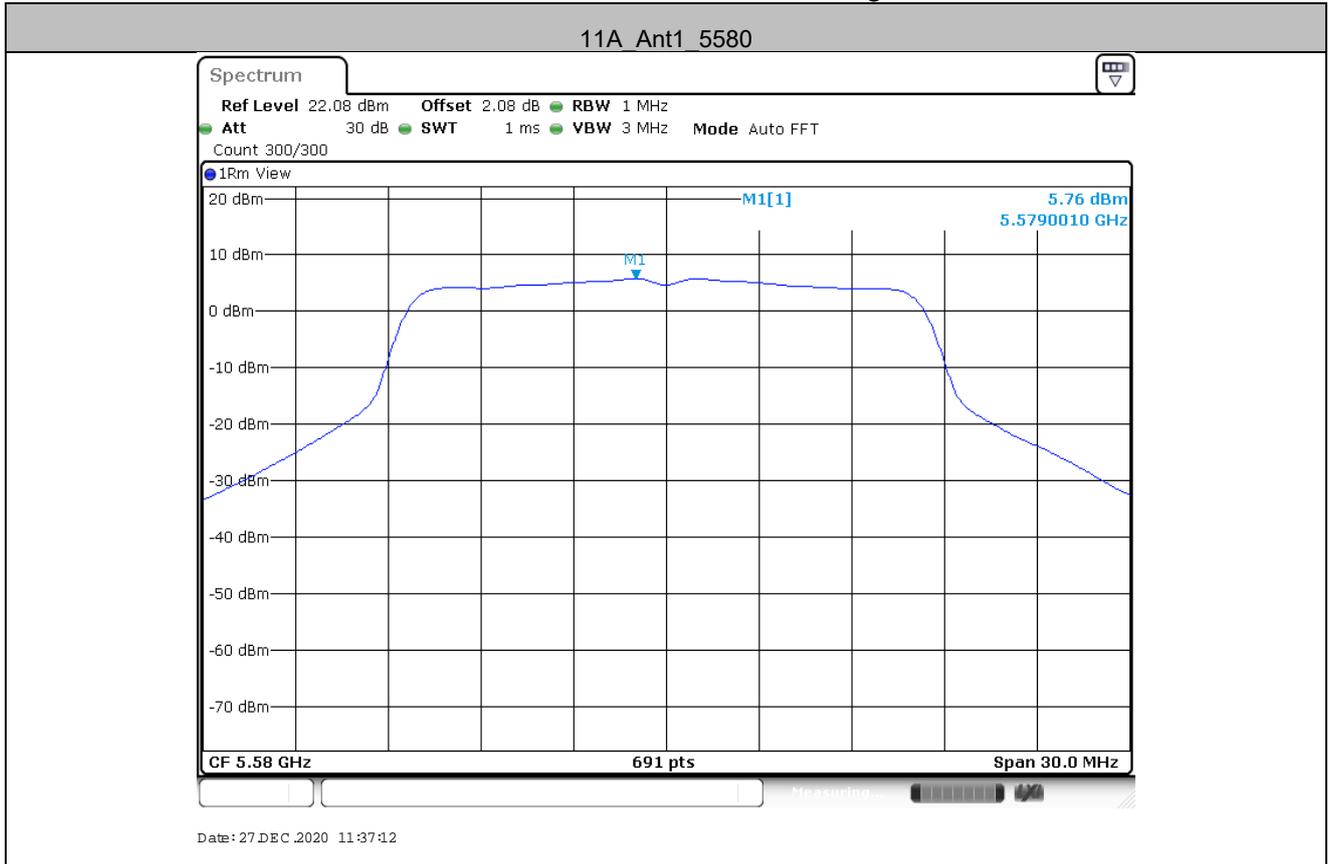
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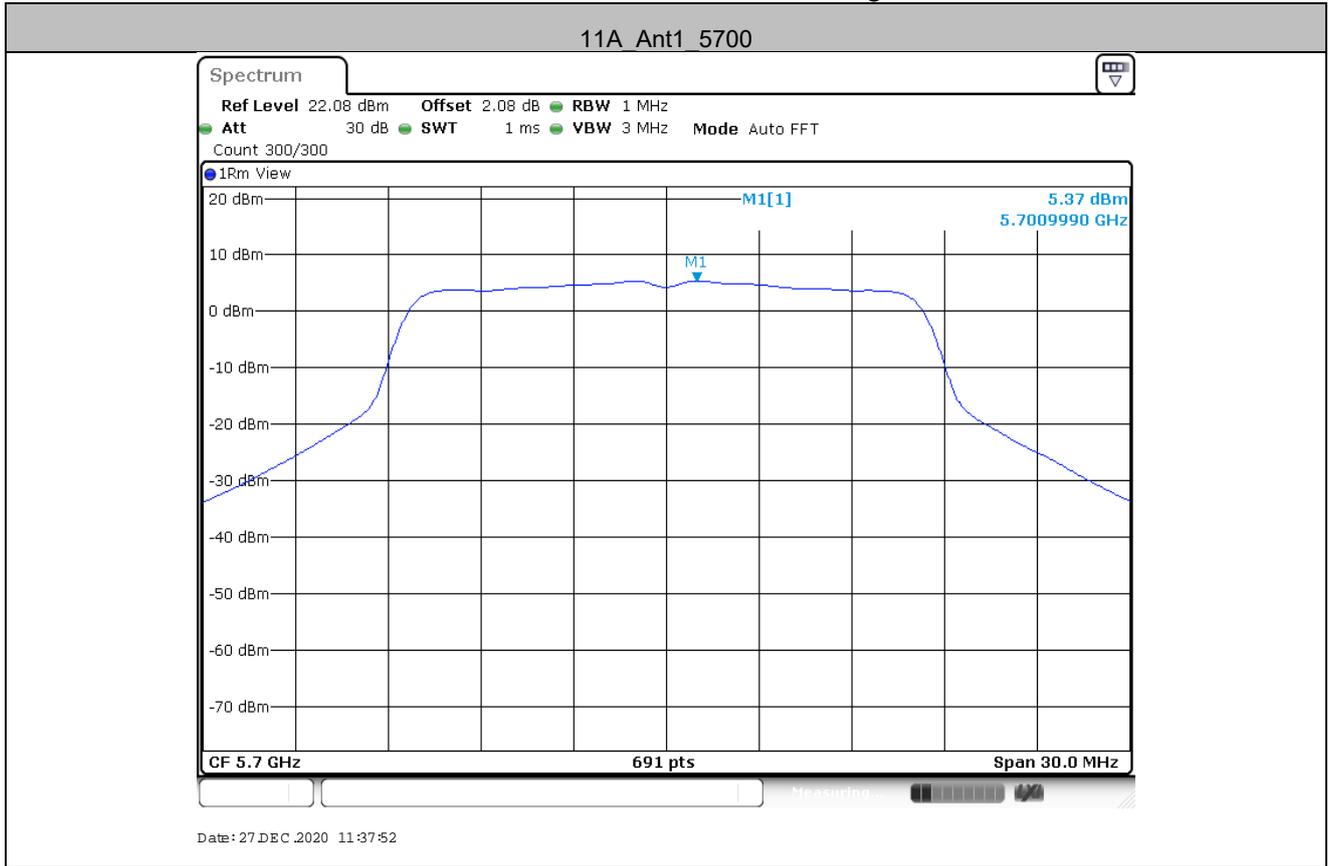
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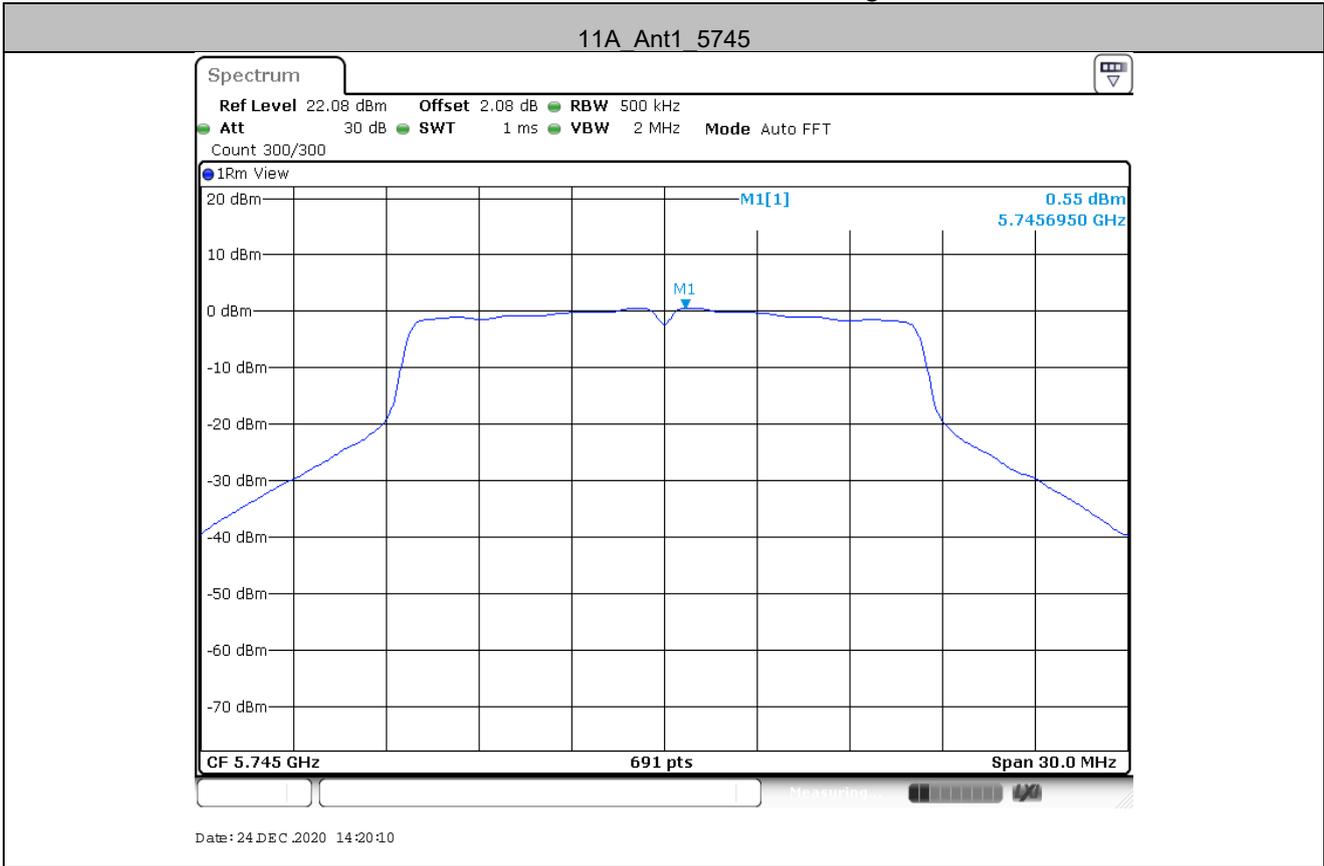
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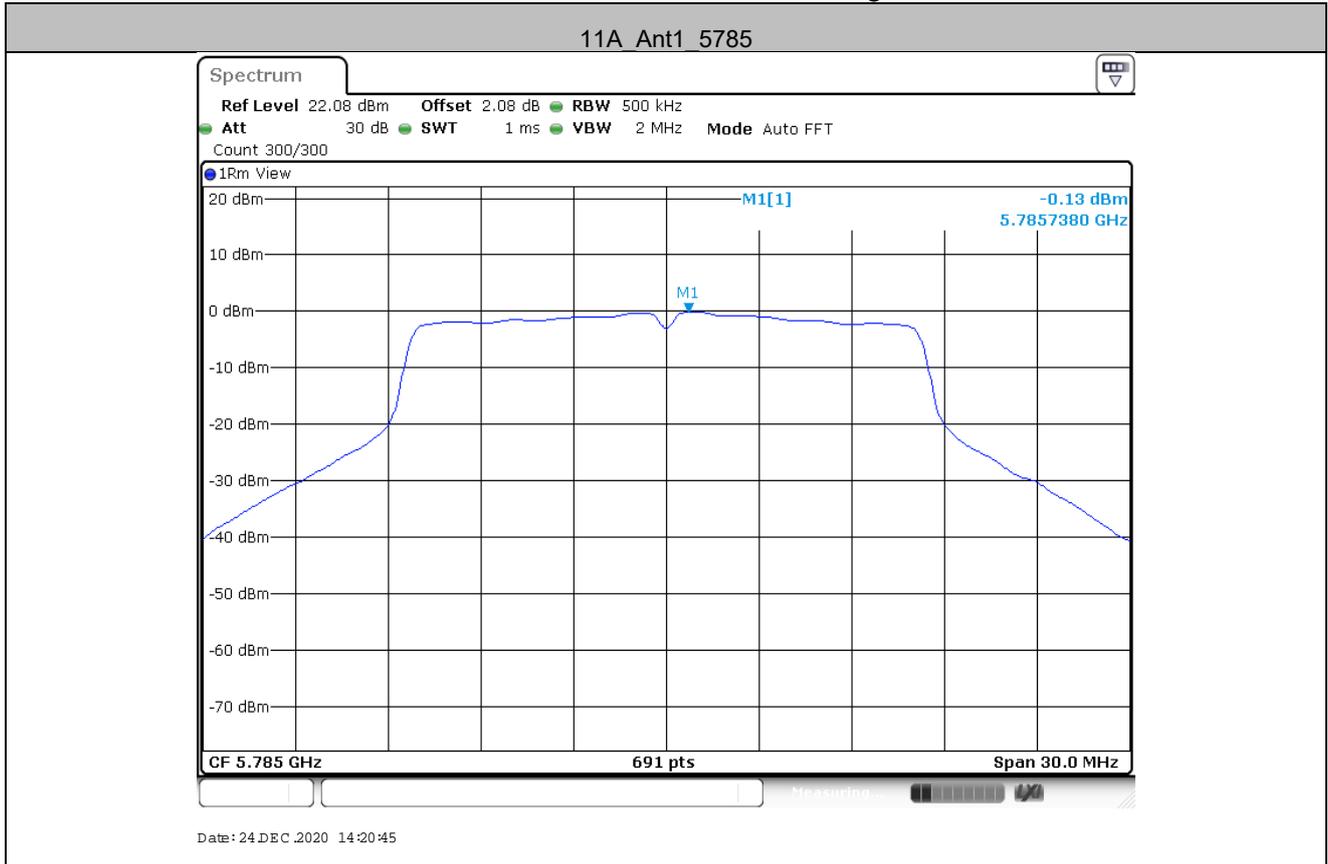


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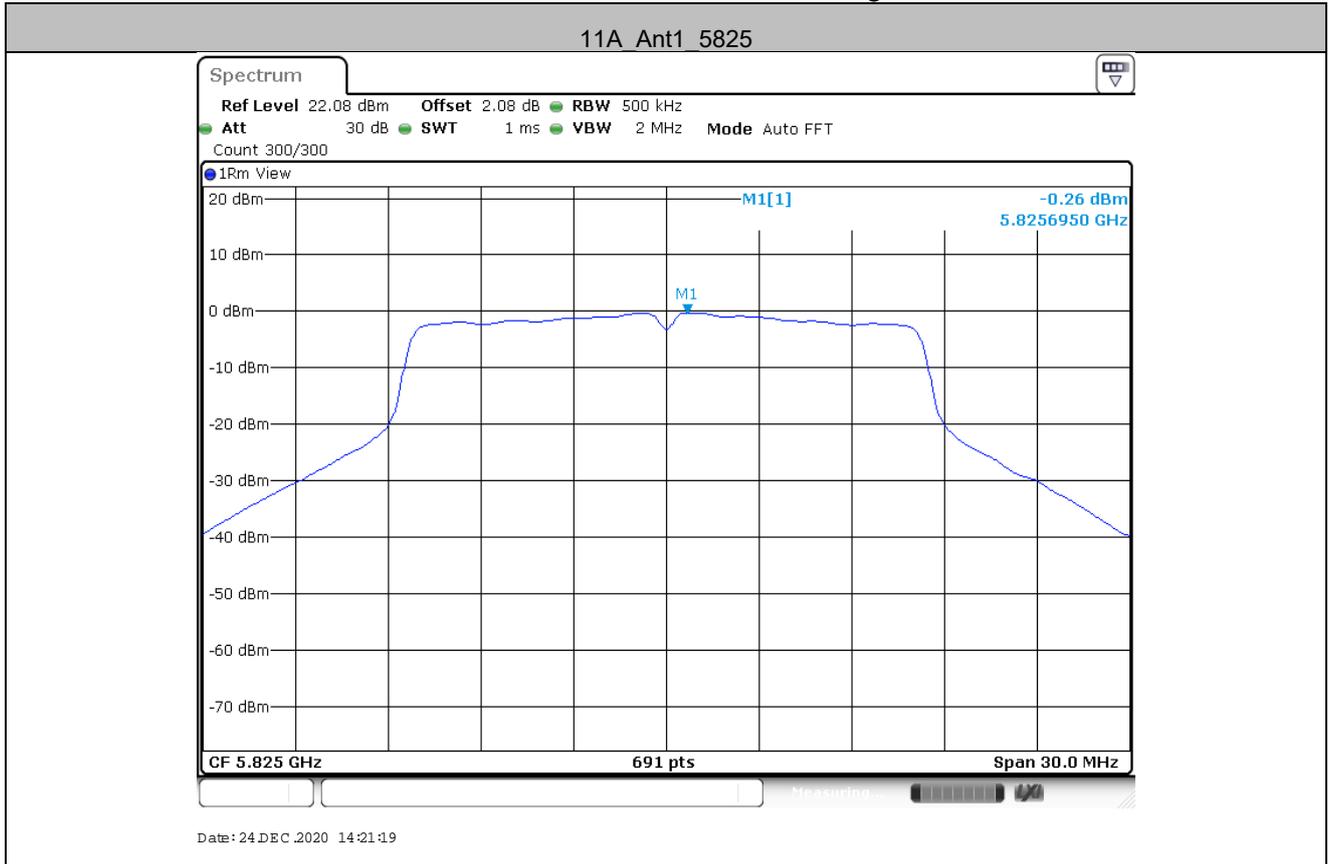
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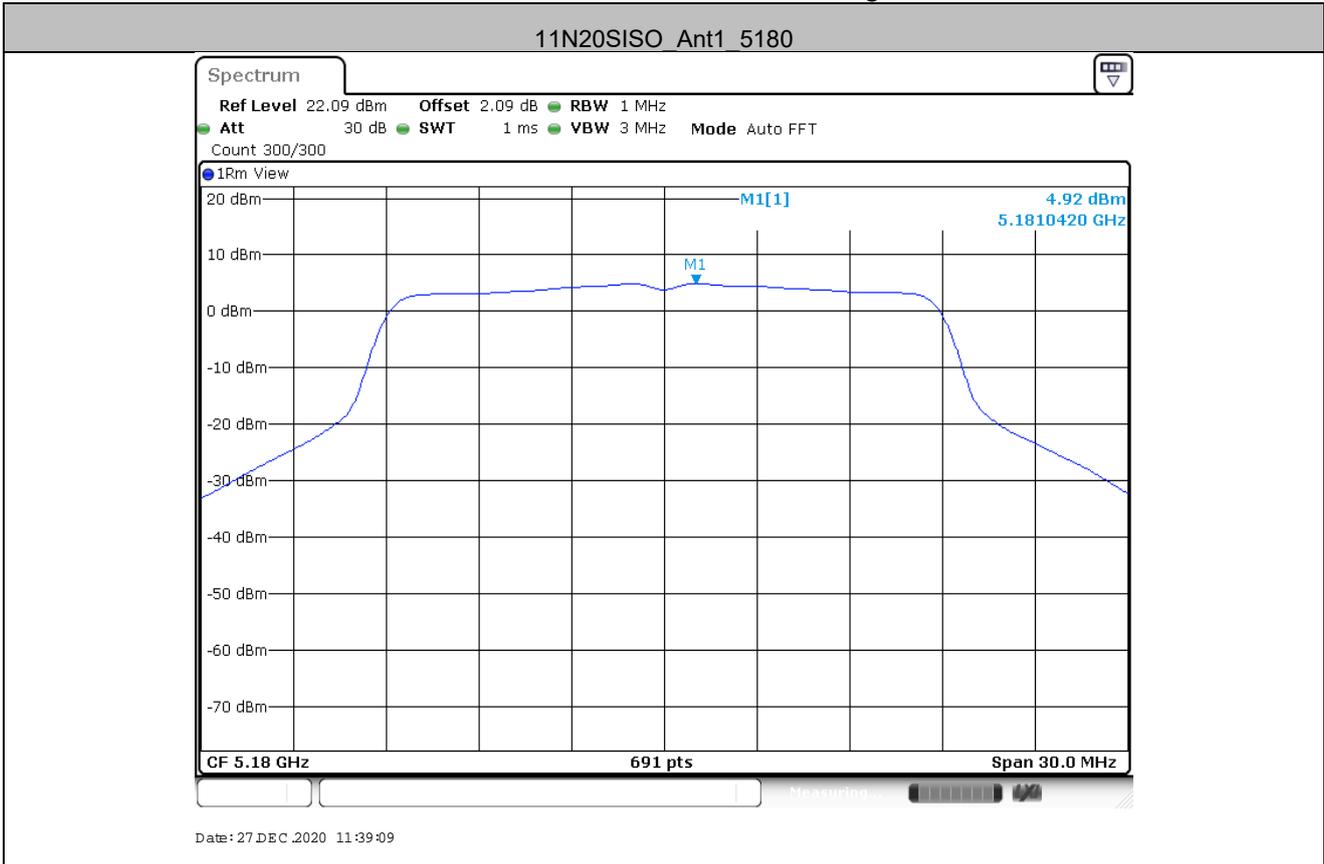
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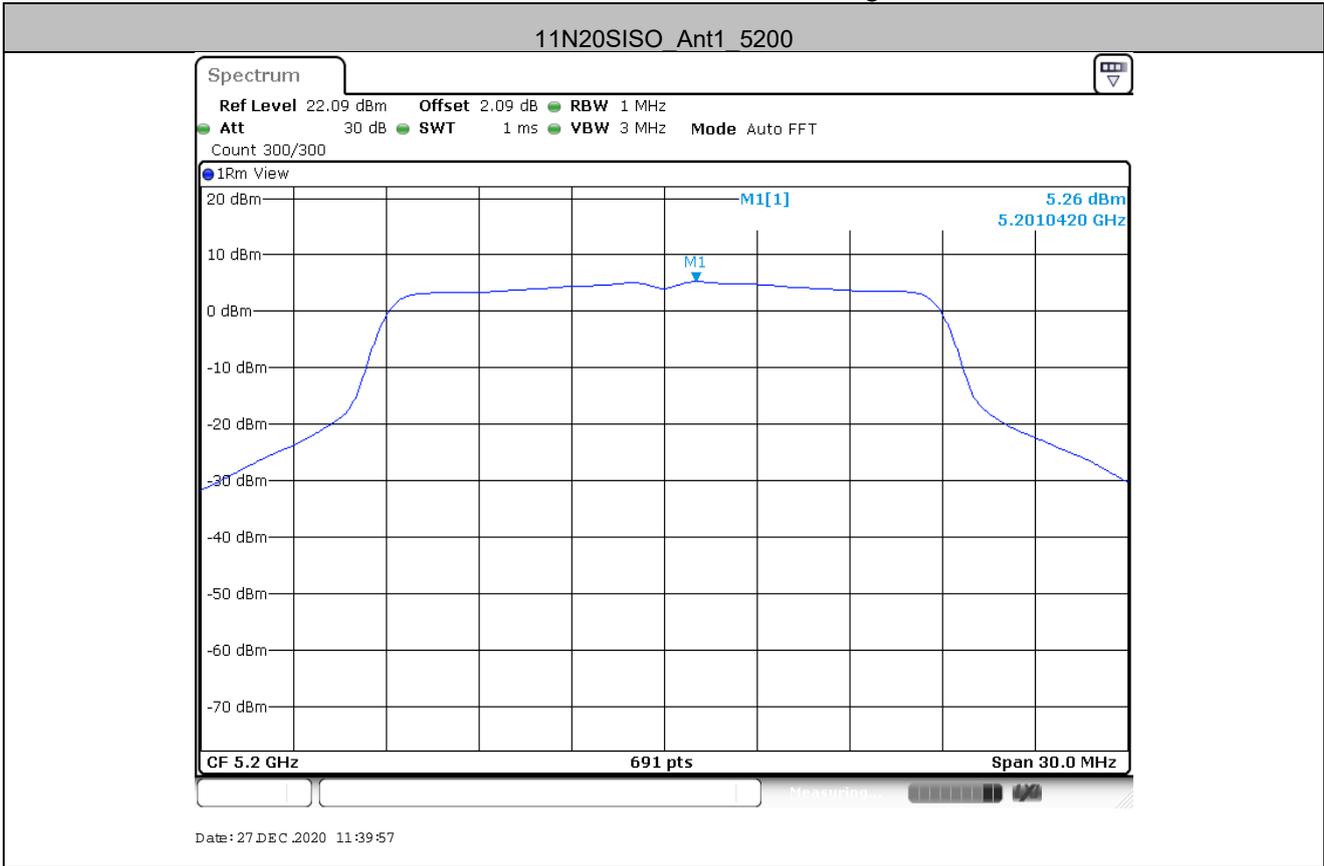


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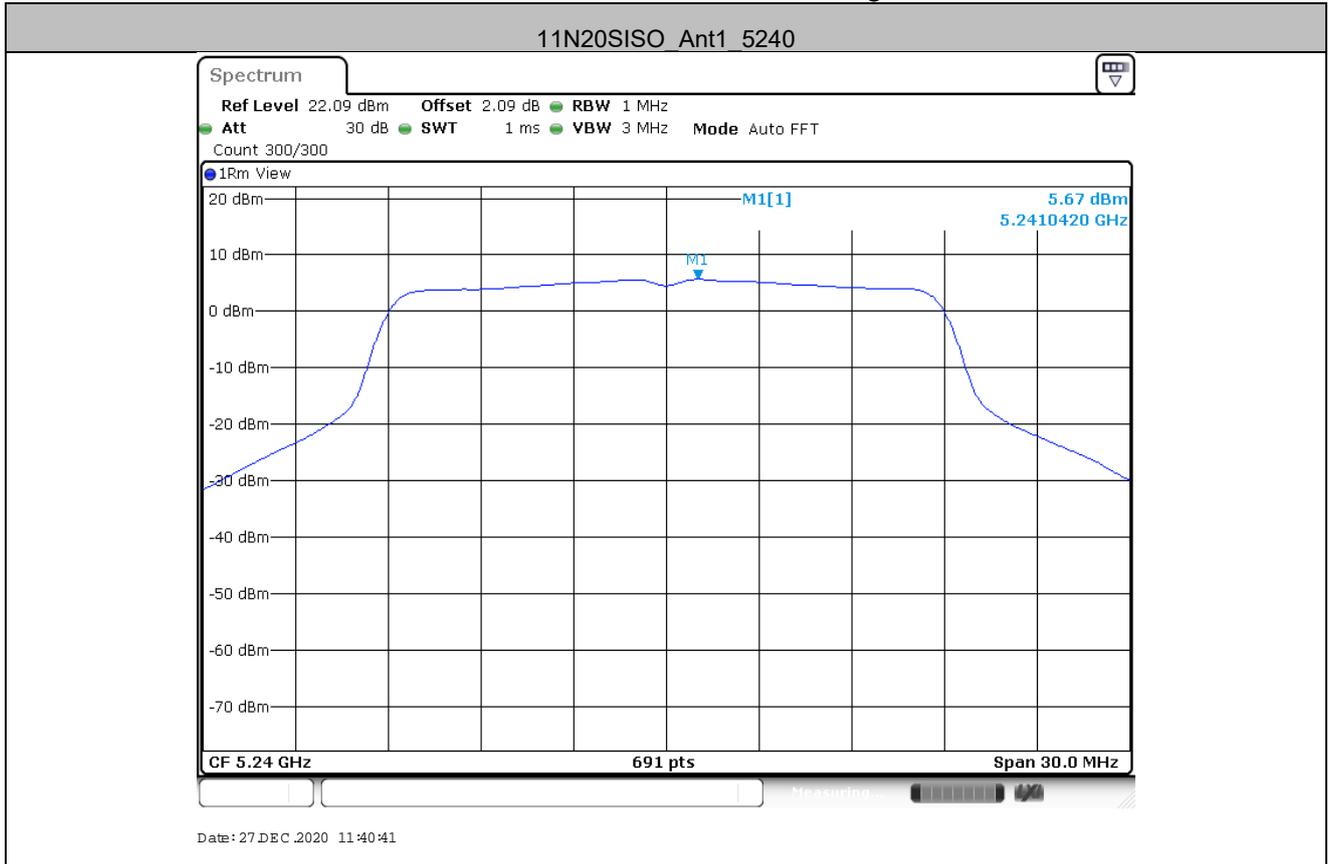
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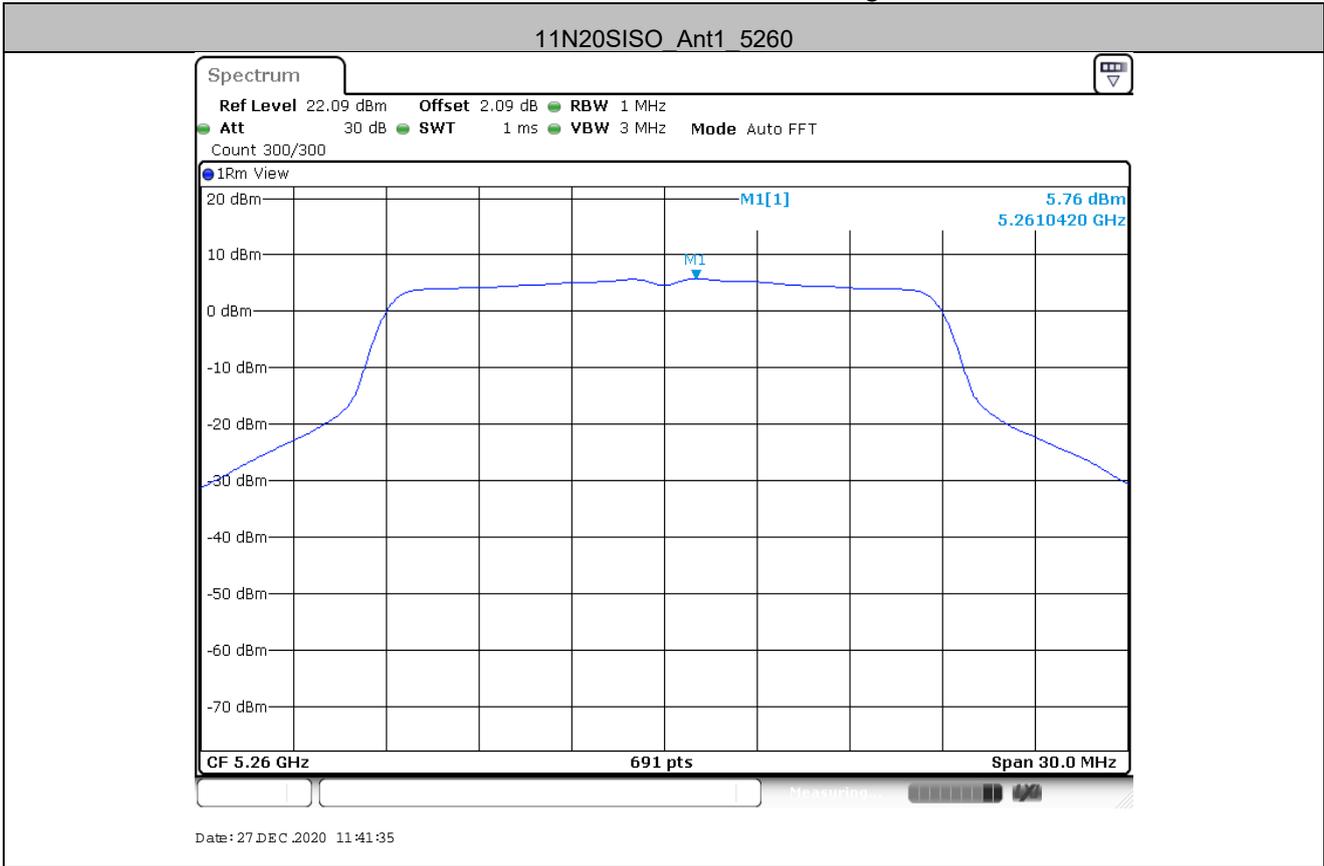


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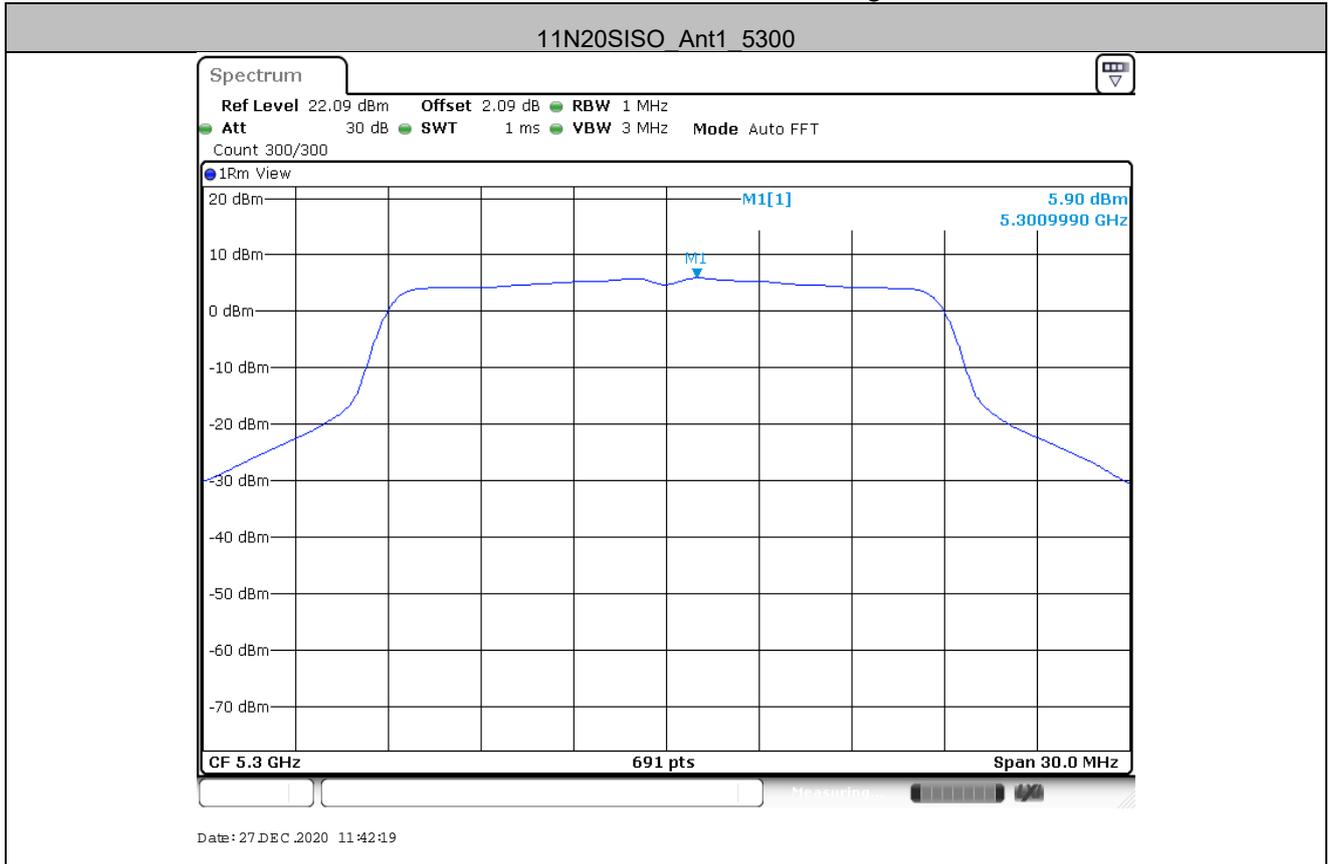


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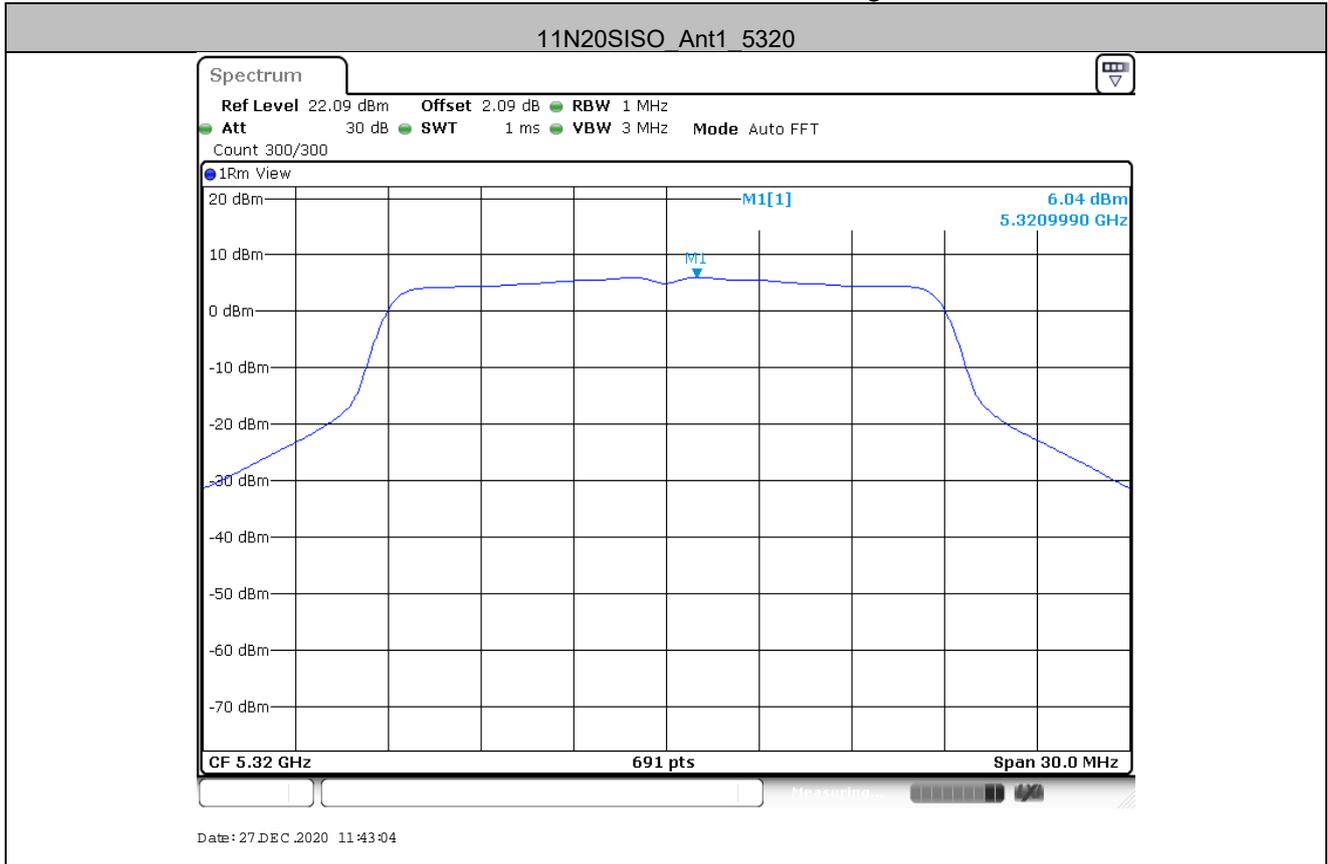


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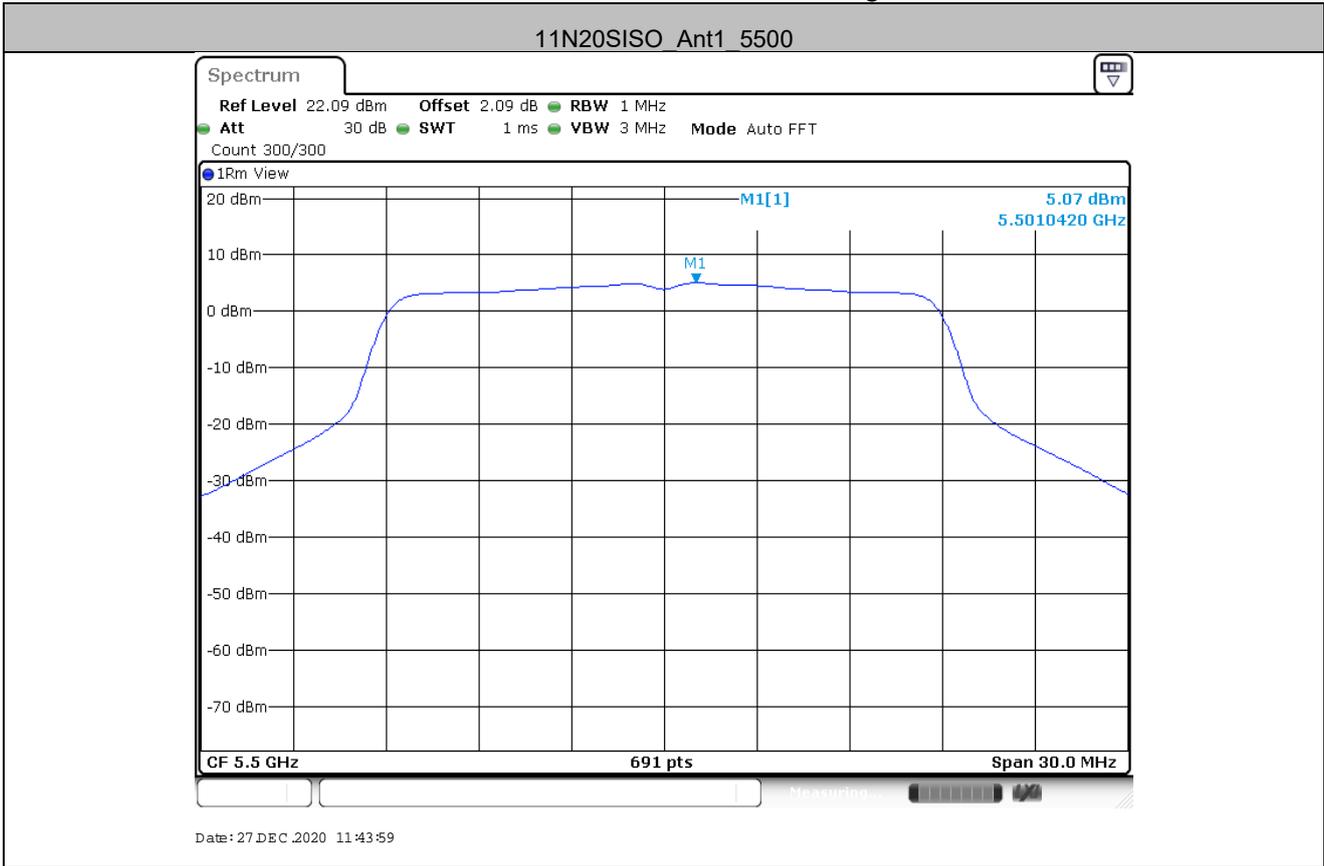


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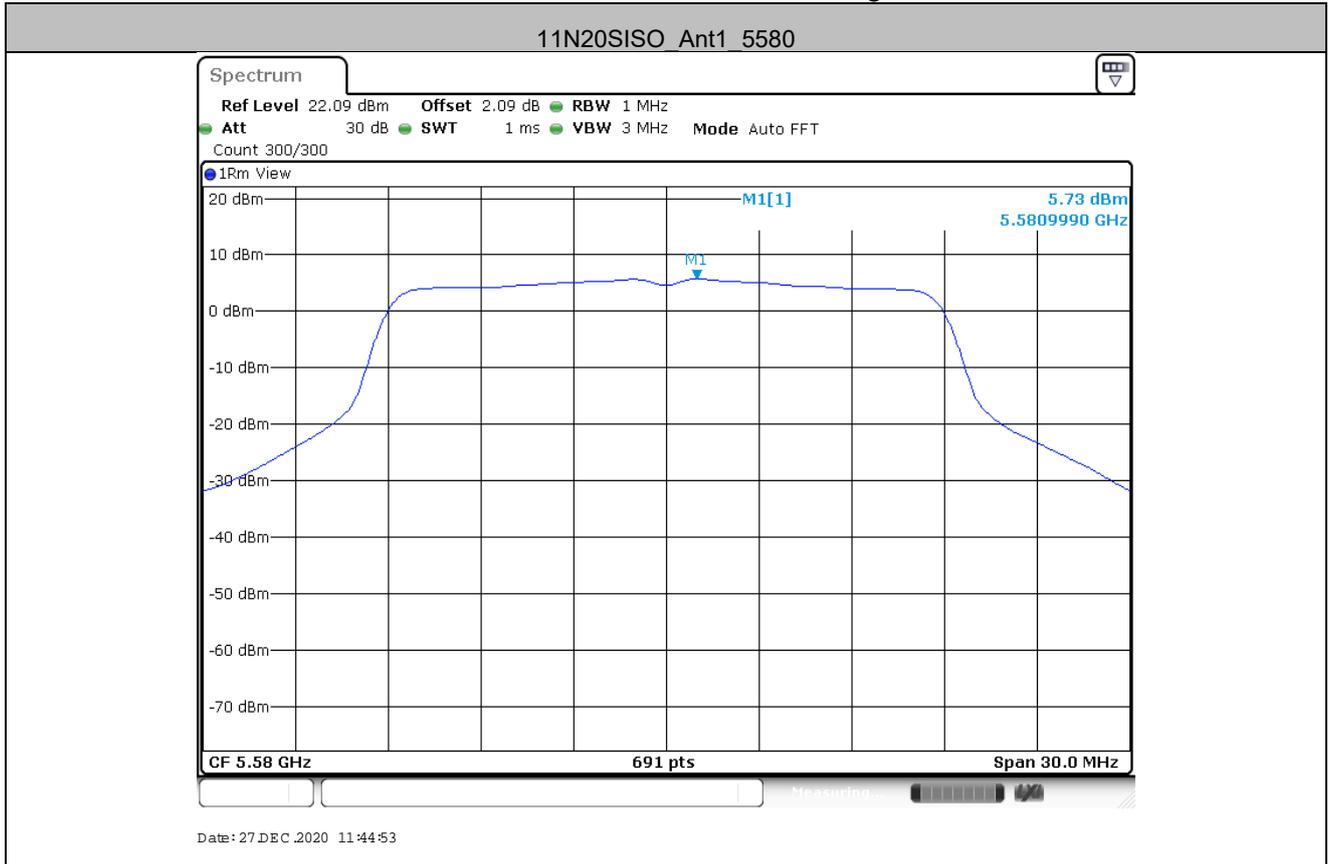
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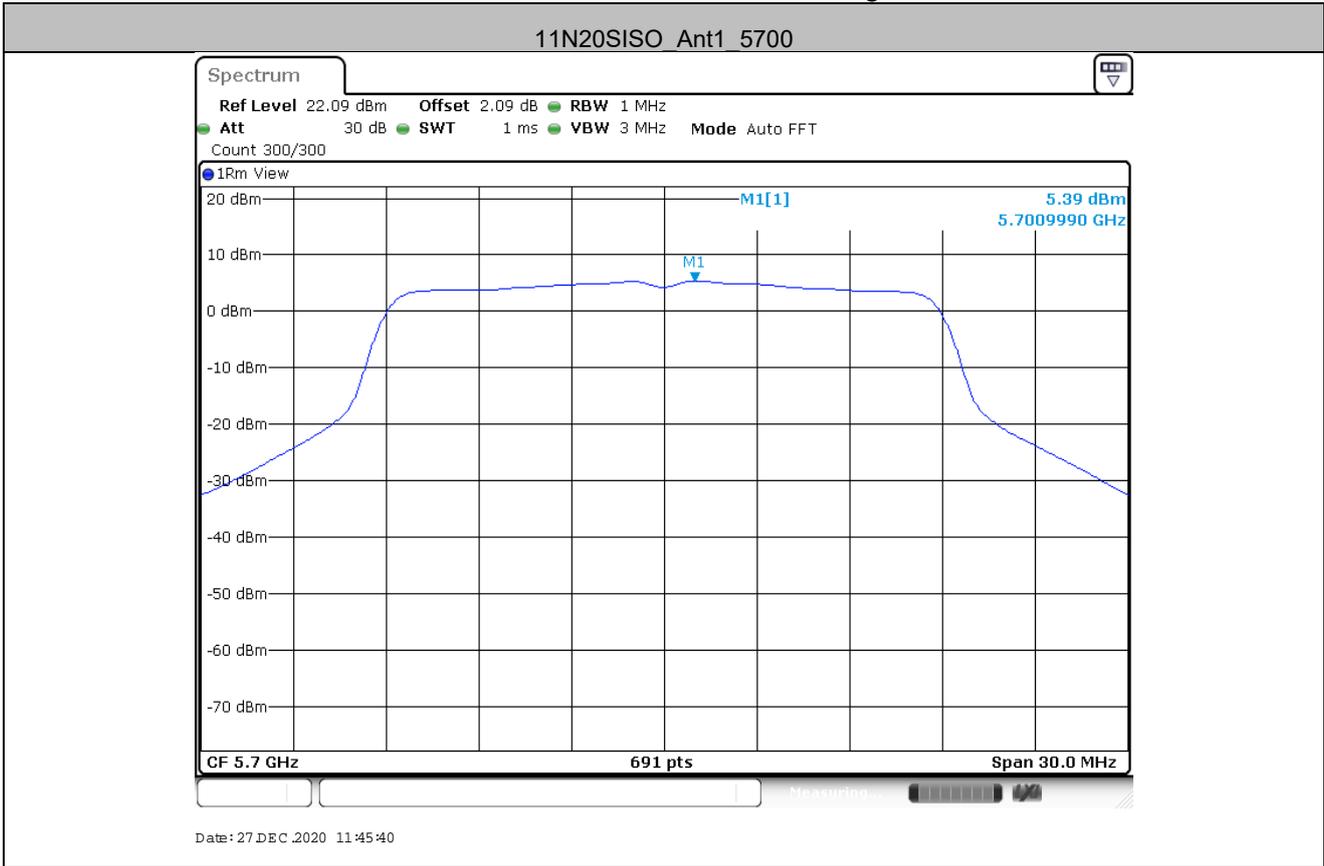
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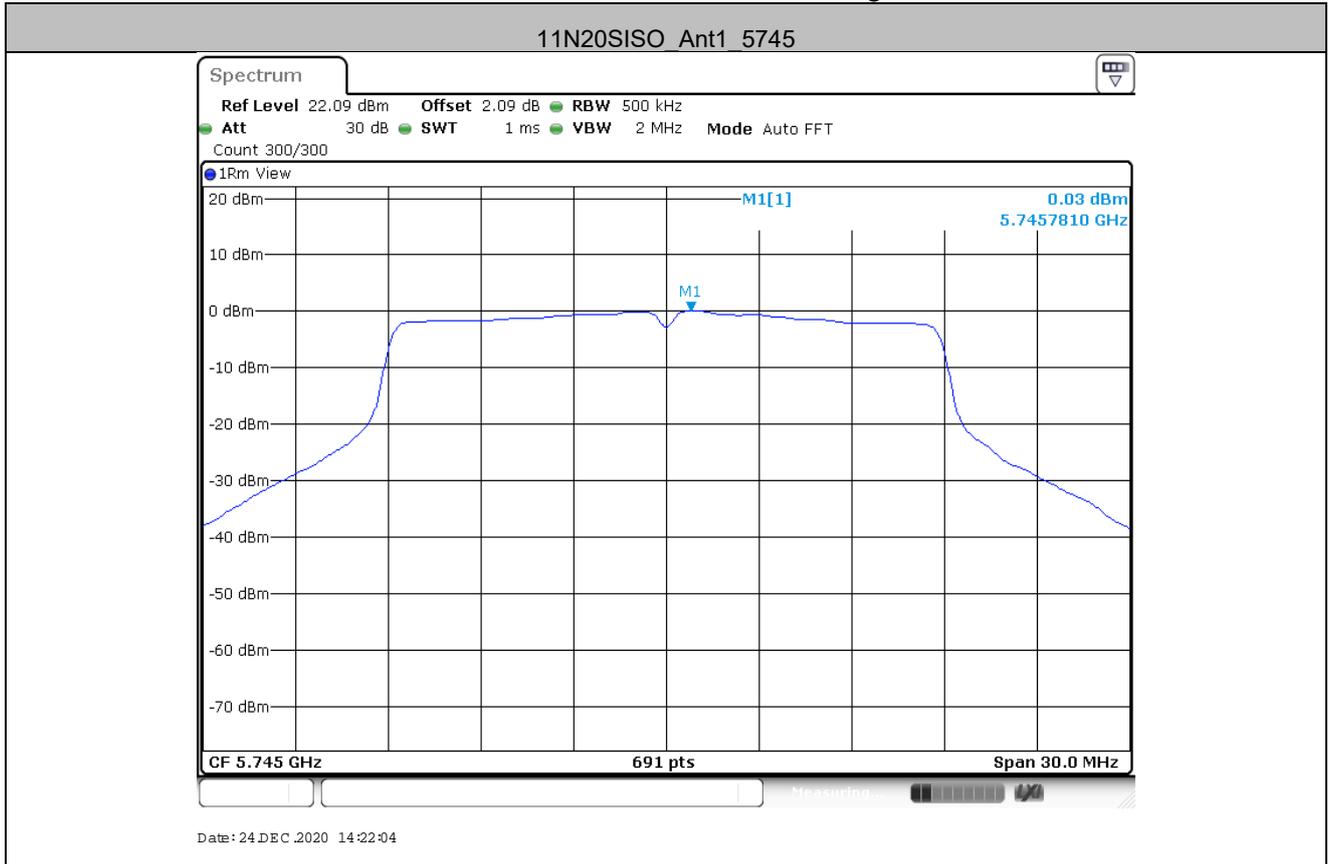
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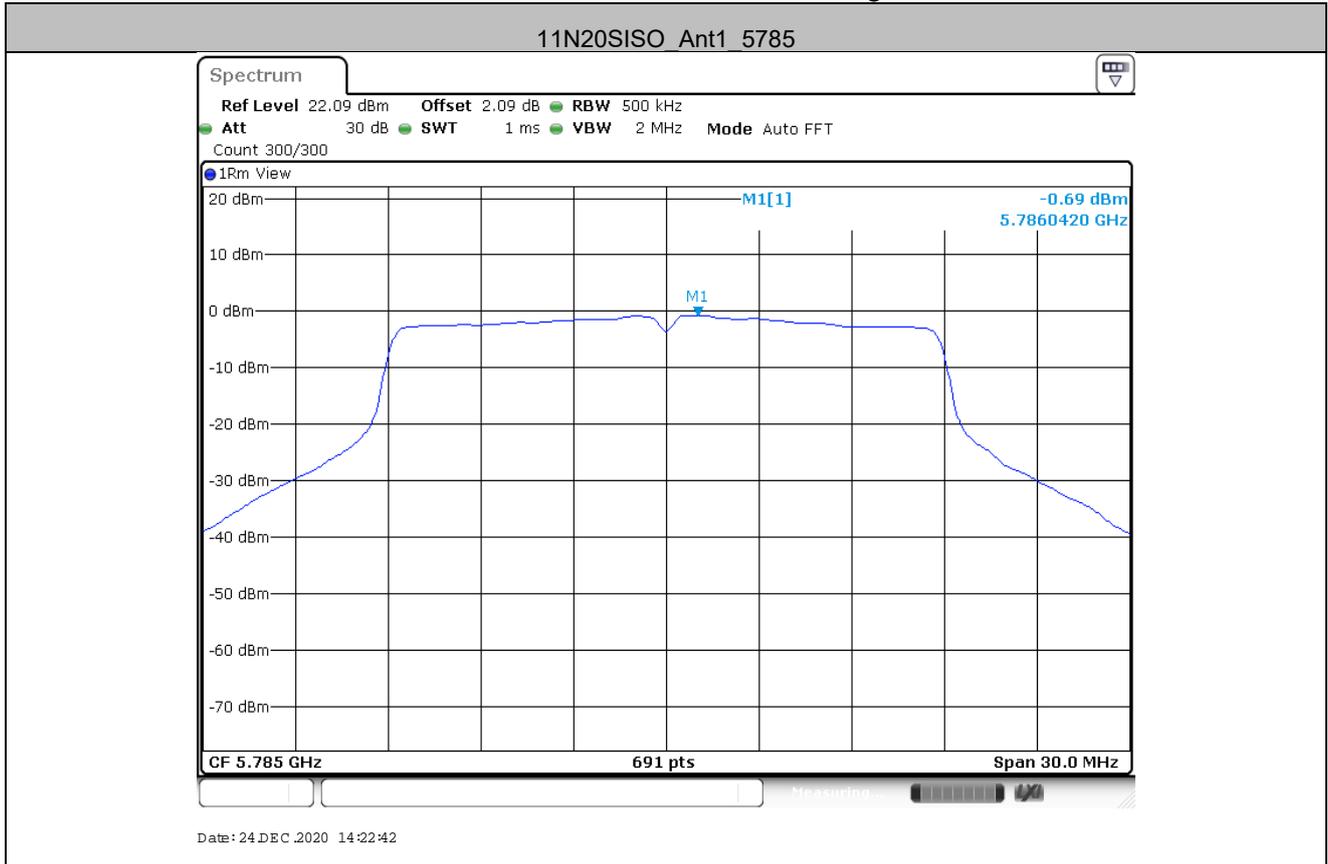
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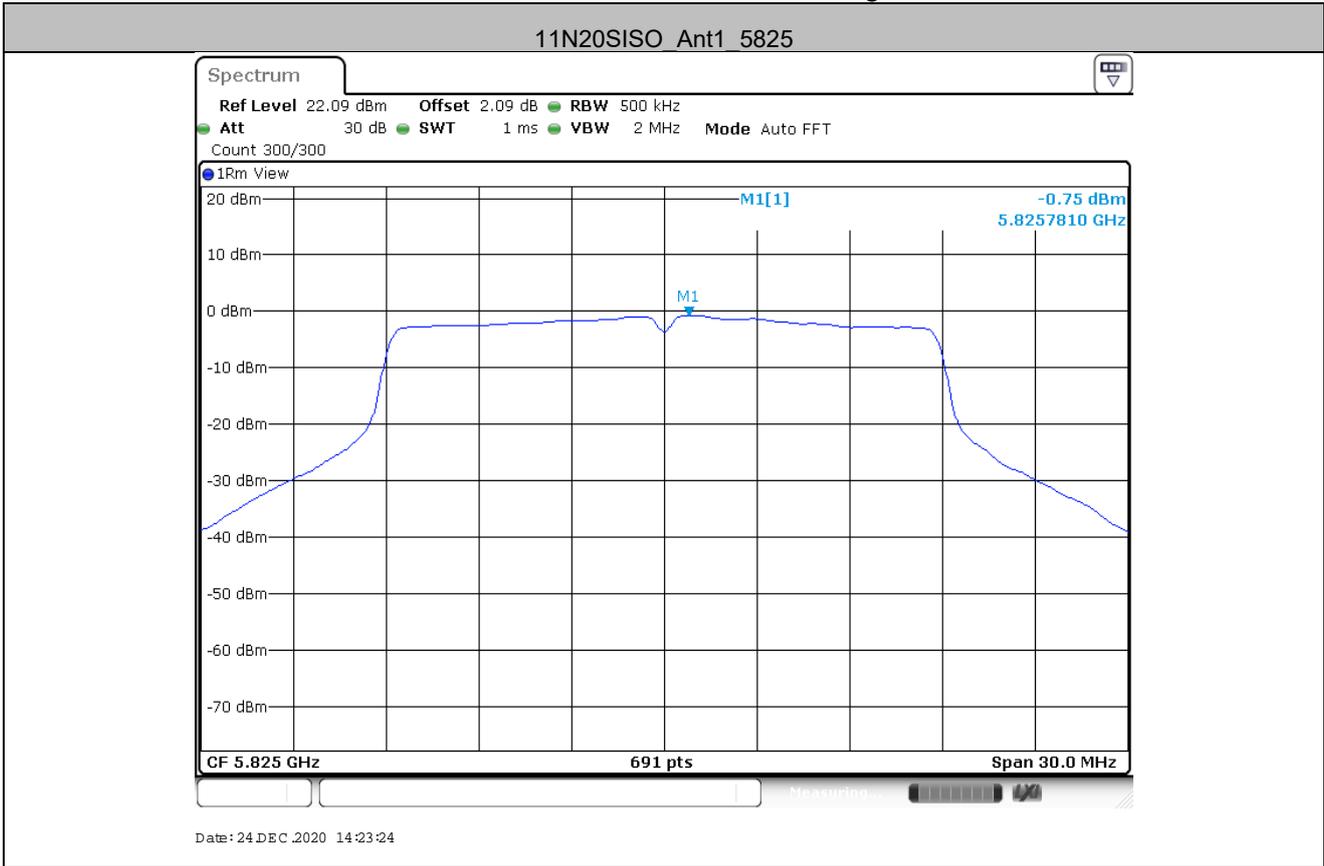
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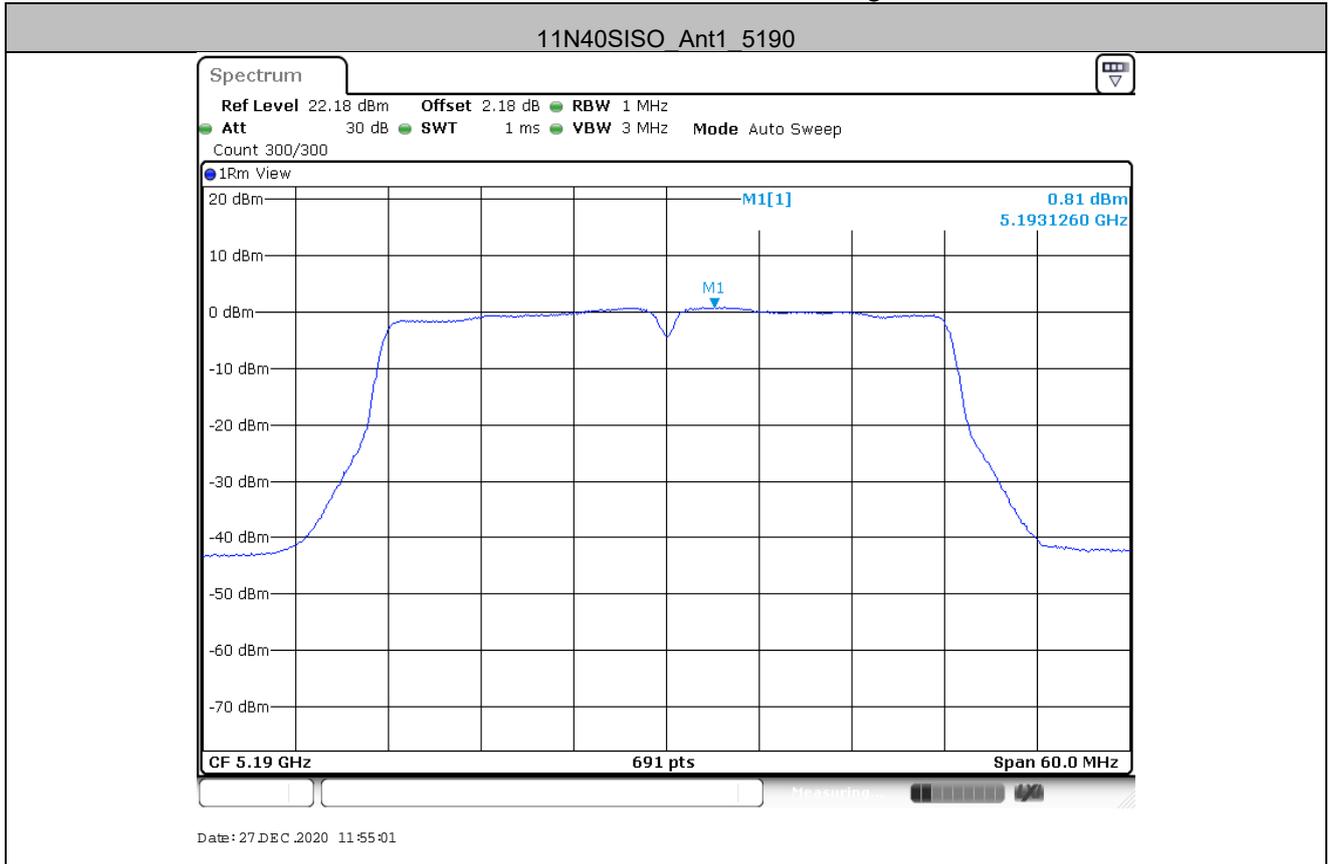
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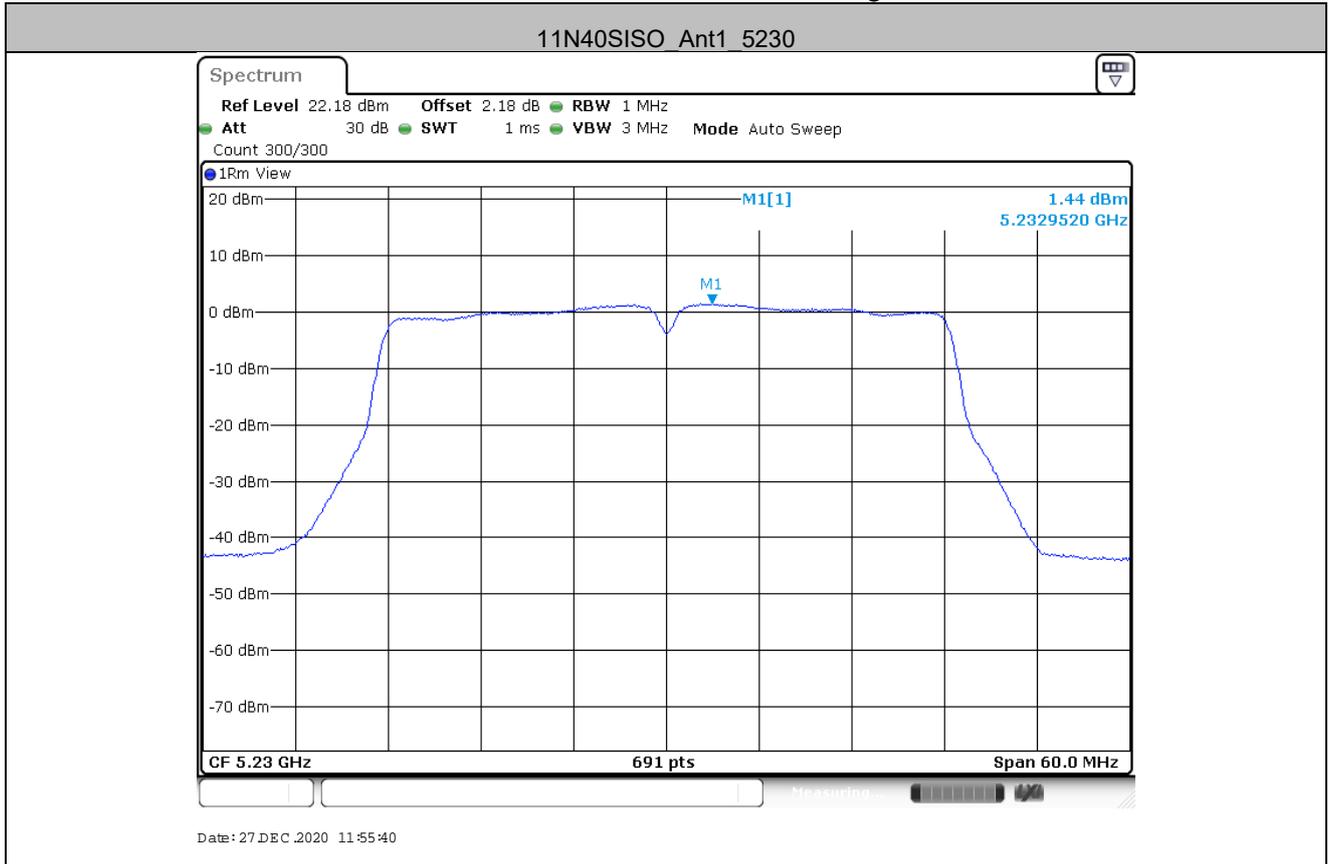
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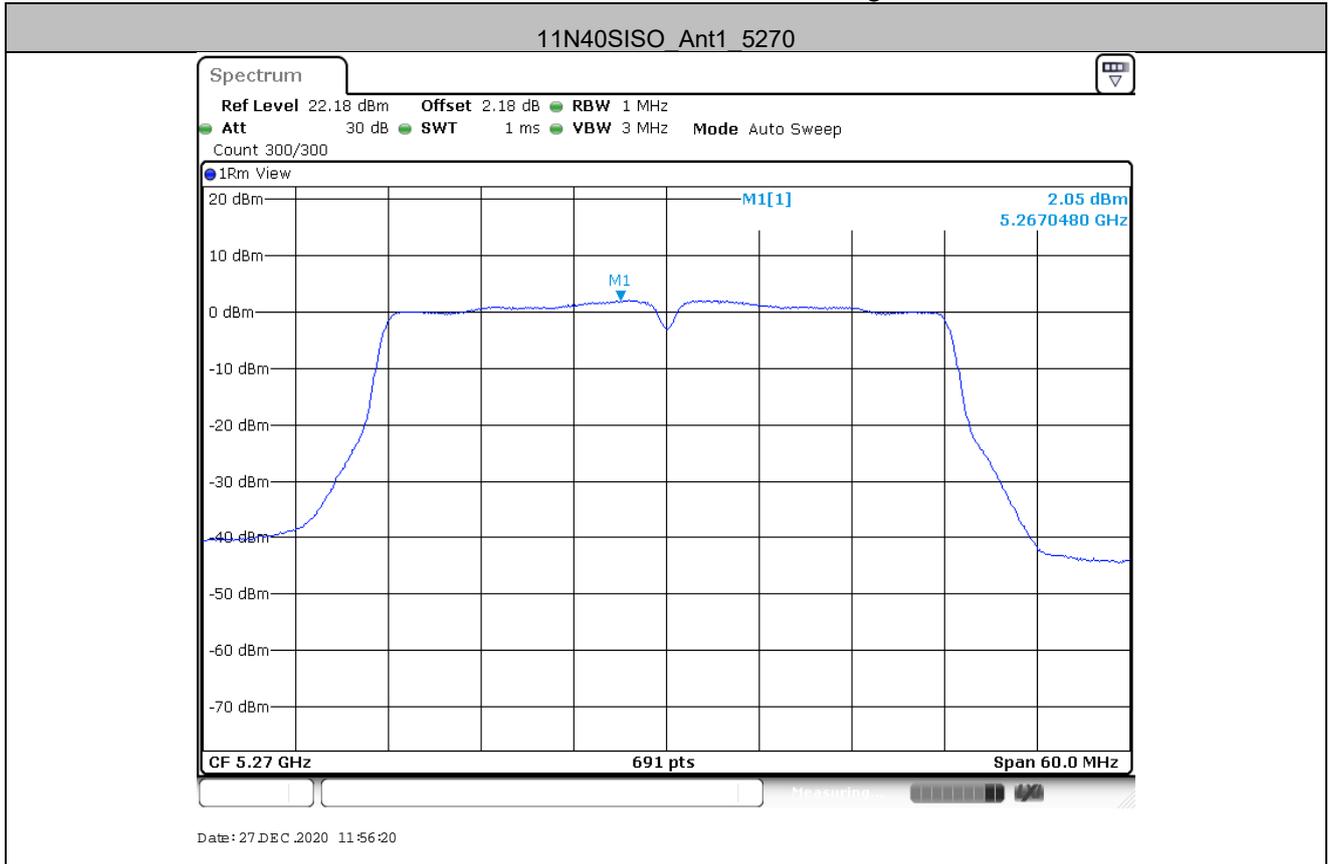


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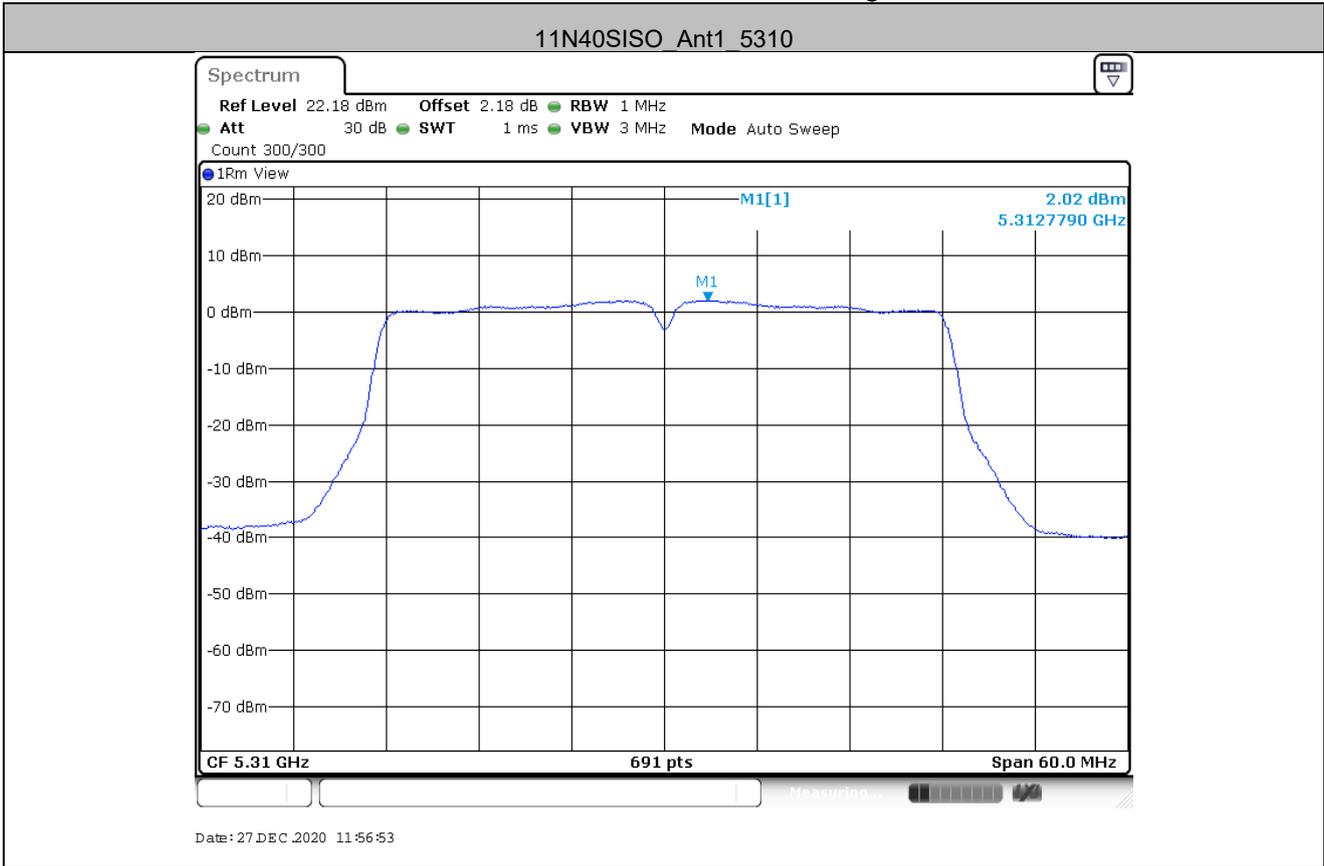


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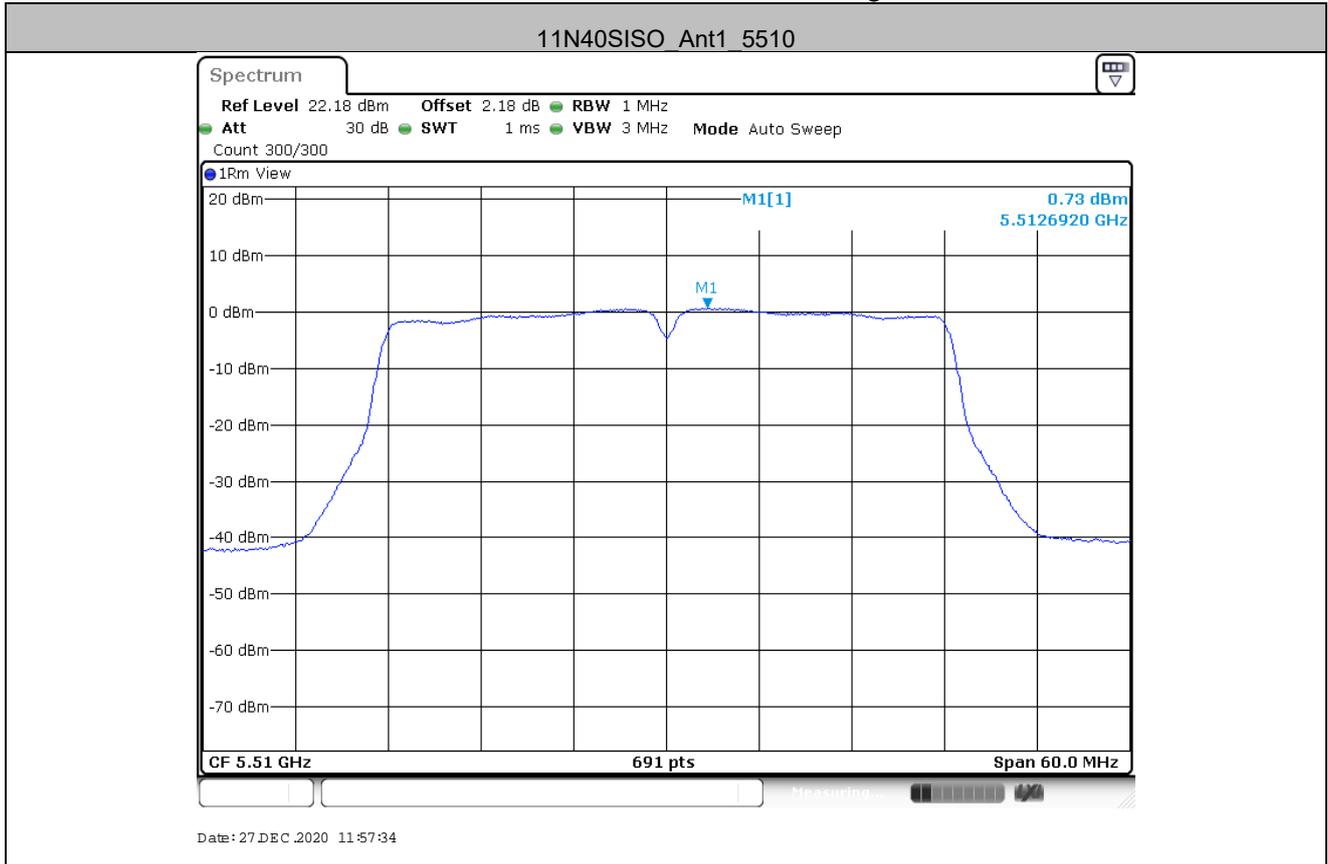


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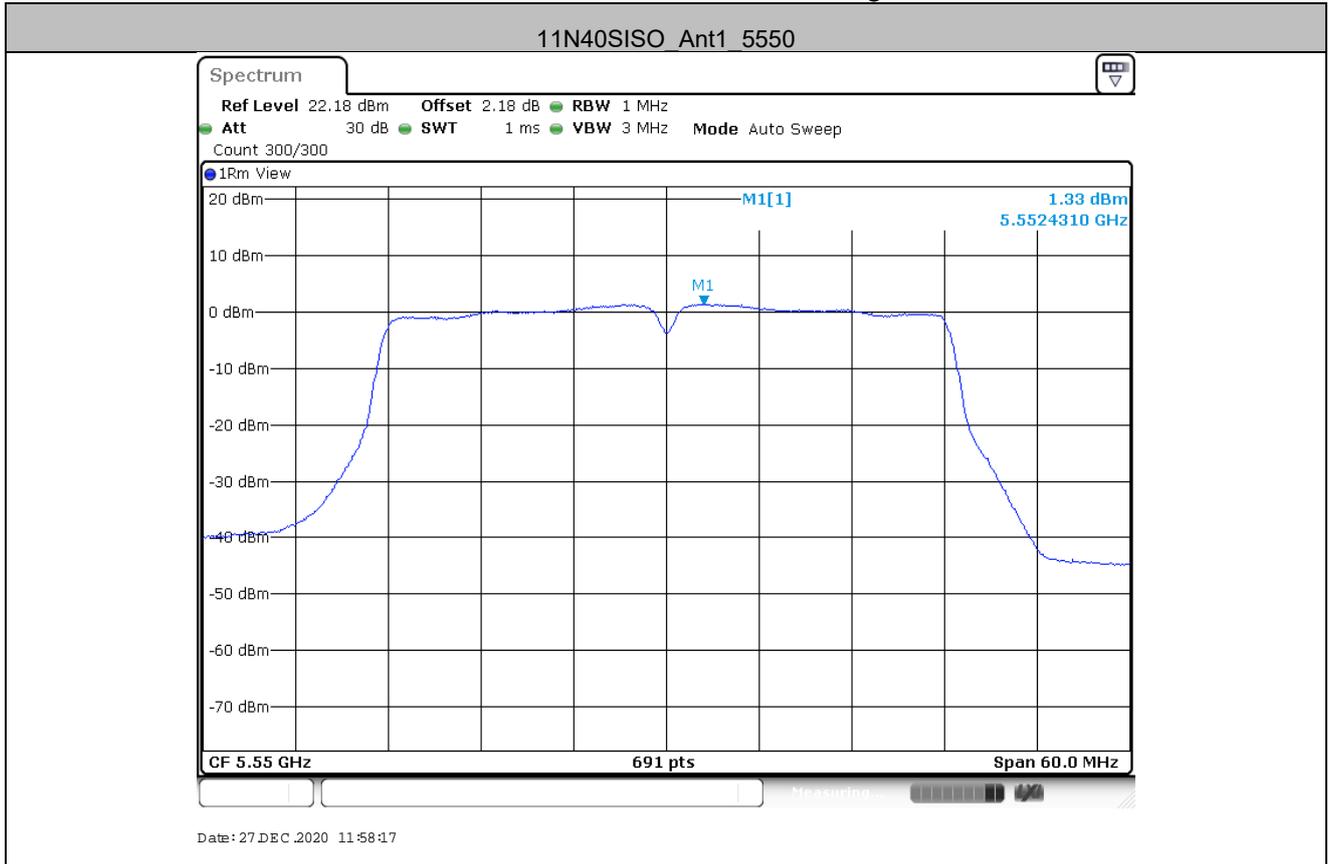
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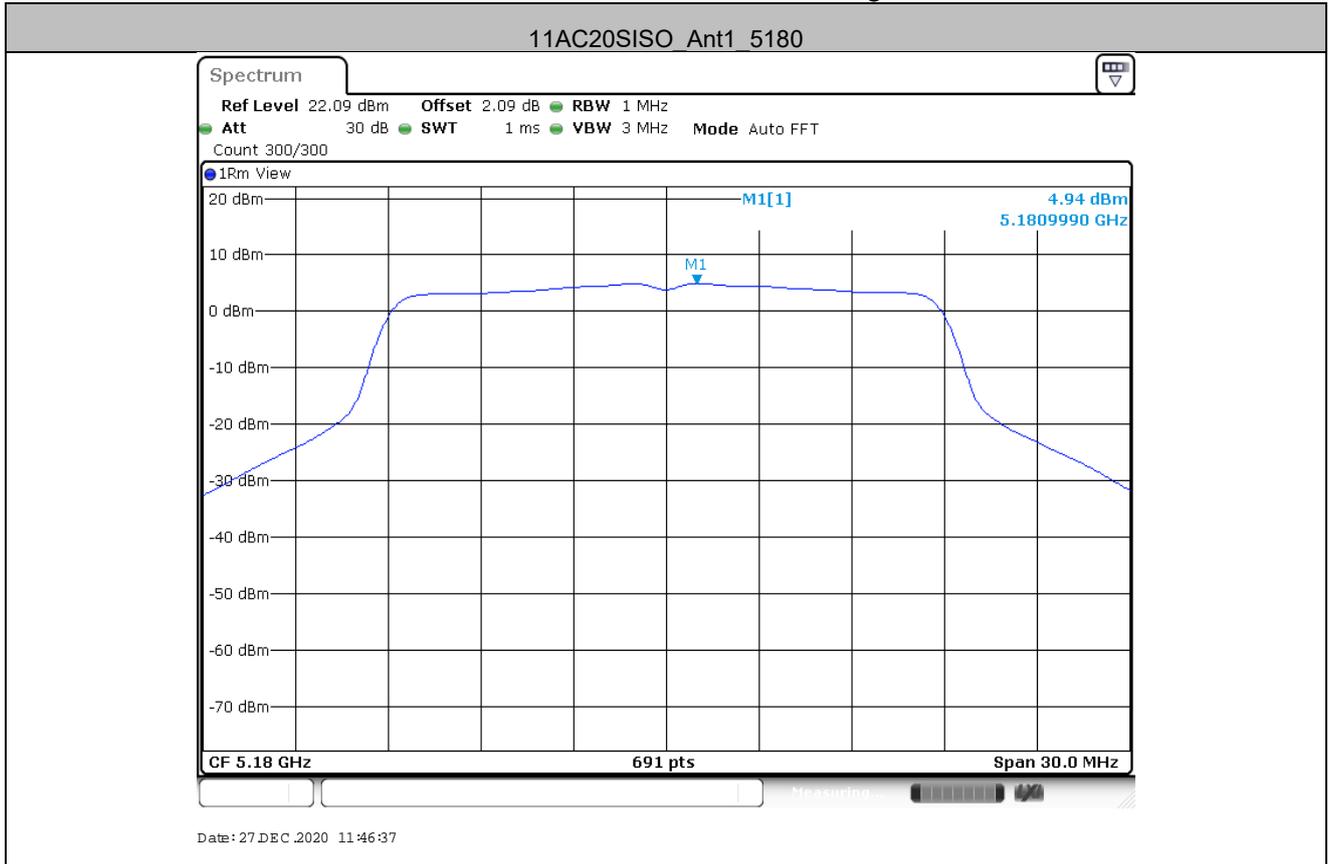
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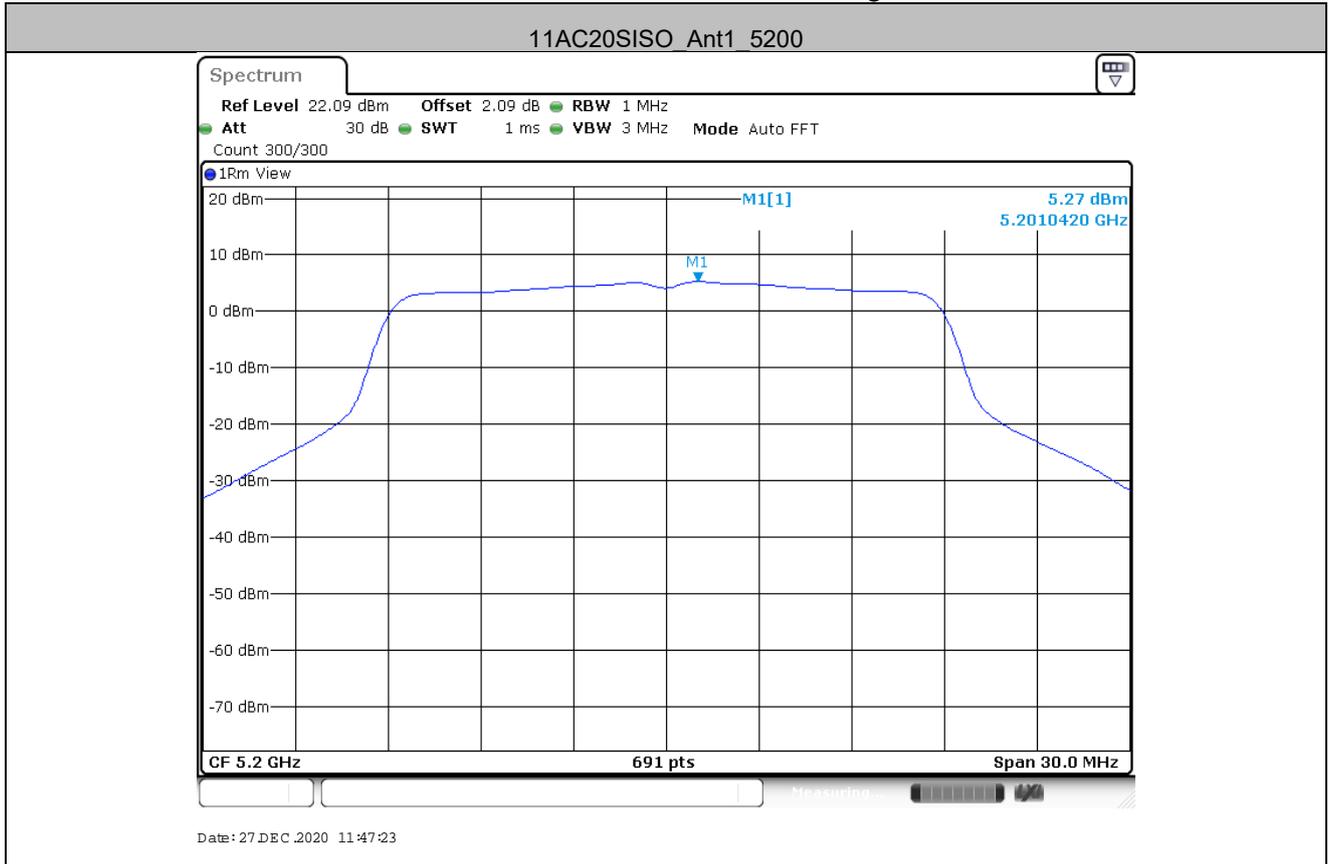


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