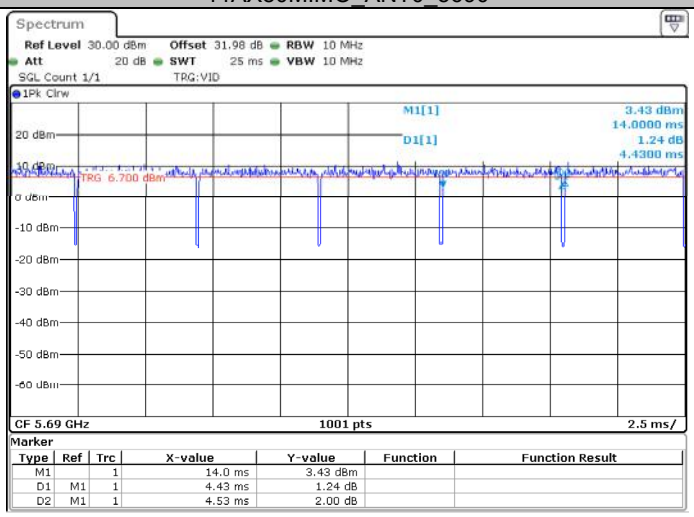
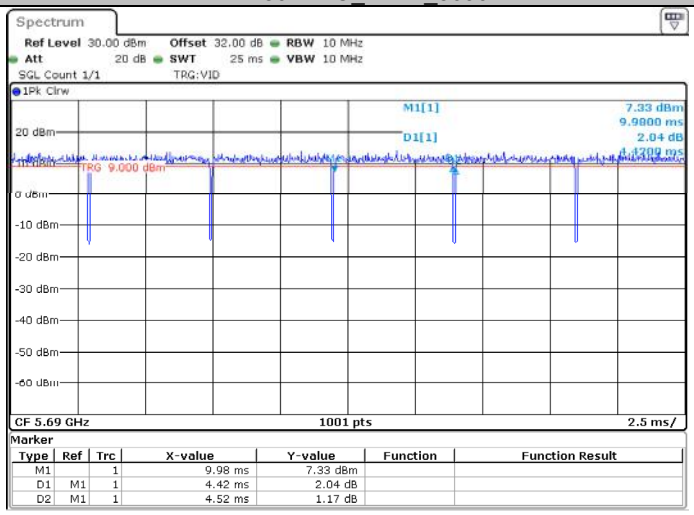
11AX80MIMO_ANT0_5690



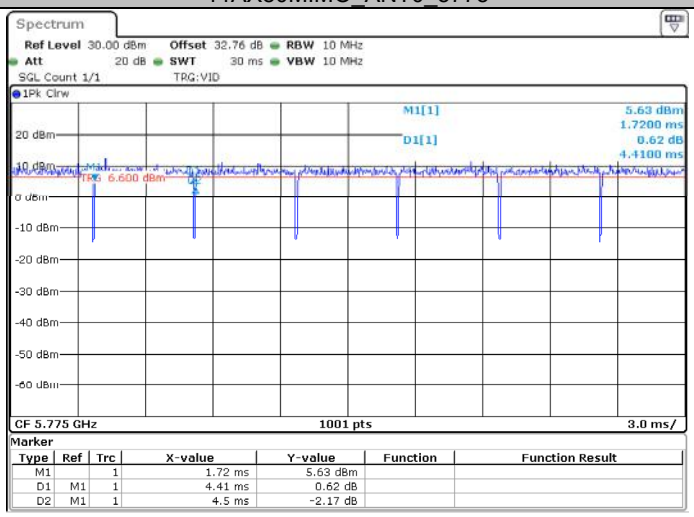
ProjectNo.:2401Y48404E-RFTester:Lee.LI
Date: 31.OCT.2024 08:17:00

11AX80MIMO_ANT1_5690



ProjectNo.:2401Y48404E-RFTester:Lee.LI
Date: 31.OCT.2024 08:18:19

11AX80MIMO_ANT0_5775



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72 ms	5.63 dBm		
D1	M1	1	4.41 ms	0.62 dB		
D2	M1	1	4.5 ms	-2.17 dB		

ProjectNo.:2401Y48404E-RFTester:Lee.LI
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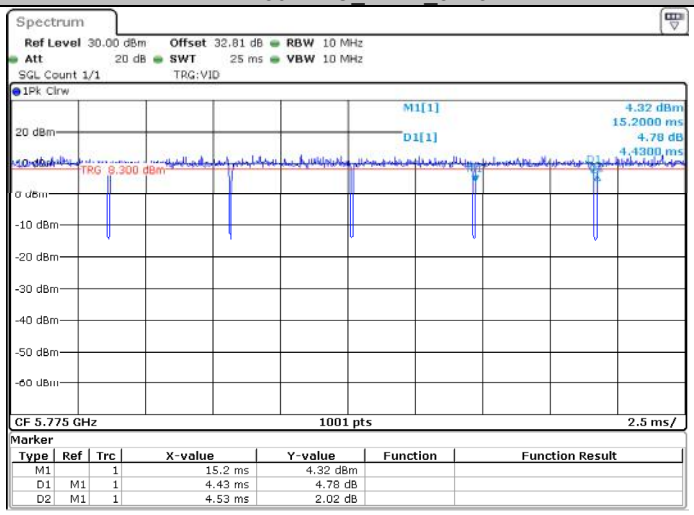
11AX80MIMO_ANT1_5775



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	15.2 ms	4.32 dBm		
D1	M1	1	4.43 ms	4.78 dB		
D2	M1	1	4.53 ms	2.02 dB		

ProjectNo.:2401Y48404E-RFTester:Lee.LI
Date: 31.OCT.2024 08:21:28

Appendix C: Maximum Conducted Output Power

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	ANT0	5180	13.44	≤23.98	PASS
	ANT1	5180	11.47	≤23.98	PASS
	ANT0	5200	12.95	≤23.98	PASS
	ANT1	5200	11.05	≤23.98	PASS
	ANT0	5240	12.51	≤23.98	PASS
	ANT1	5240	9.98	≤23.98	PASS
	ANT0	5260	13.19	≤23.98	PASS
	ANT1	5260	11.63	≤23.98	PASS
	ANT0	5280	13.23	≤23.98	PASS
	ANT1	5280	11.44	≤23.98	PASS
	ANT0	5320	13.73	≤23.98	PASS
	ANT1	5320	11.08	≤23.98	PASS
	ANT0	5500	12.11	≤23.98	PASS
	ANT1	5500	11.42	≤23.98	PASS
	ANT0	5580	12.09	≤23.98	PASS
	ANT1	5580	10.44	≤23.98	PASS
	ANT0	5700	9.21	≤23.98	PASS
	ANT1	5700	10.79	≤23.98	PASS
	ANT0	5720	8.81	≤23.98	PASS
	ANT1	5720	10.99	≤23.98	PASS
	ANT0	5745	10.10	≤30.00	PASS
	ANT1	5745	9.93	≤30.00	PASS
	ANT0	5785	9.17	≤30.00	PASS
	ANT1	5785	10.41	≤30.00	PASS
	ANT0	5825	8.43	≤30.00	PASS
	ANT1	5825	9.94	≤30.00	PASS
11AC20MIMO	ANT0	5180	15.12	≤23.09	PASS
	ANT1	5180	14.71	≤23.09	PASS
	total	5180	17.93	≤23.09	PASS
	ANT0	5200	14.53	≤23.09	PASS
	ANT1	5200	14.43	≤23.09	PASS
	total	5200	17.49	≤23.09	PASS
	ANT0	5240	13.54	≤23.09	PASS
	ANT1	5240	13.23	≤23.09	PASS
	total	5240	16.40	≤23.09	PASS
	ANT0	5260	13.83	≤23.09	PASS
	ANT1	5260	14.40	≤23.09	PASS
	total	5260	17.13	≤23.09	PASS
	ANT0	5280	14.22	≤23.09	PASS
	ANT1	5280	14.72	≤23.09	PASS
	total	5280	17.49	≤23.09	PASS
	ANT0	5320	14.62	≤23.09	PASS
	ANT1	5320	13.97	≤23.09	PASS
	total	5320	17.32	≤23.09	PASS
	ANT0	5500	14.24	≤23.09	PASS
	ANT1	5500	12.63	≤23.09	PASS
	total	5500	16.52	≤23.09	PASS
	ANT0	5580	14.27	≤23.09	PASS
	ANT1	5580	11.78	≤23.09	PASS
	total	5580	16.21	≤23.09	PASS
	ANT0	5700	13.64	≤23.09	PASS

	ANT1	5700	12.81	≤23.09	PASS
	total	5700	16.26	≤23.09	PASS
	ANT0	5720	8.07	≤23.09	PASS
	ANT1	5720	10.28	≤23.09	PASS
	total	5720	12.32	≤23.09	PASS
	ANT0	5745	14.98	≤29.11	PASS
	ANT1	5745	12.13	≤29.11	PASS
	total	5745	16.80	≤29.11	PASS
	ANT0	5785	12.77	≤29.11	PASS
	ANT1	5785	12.94	≤29.11	PASS
	total	5785	15.87	≤29.11	PASS
	ANT0	5825	12.06	≤29.11	PASS
	ANT1	5825	13.06	≤29.11	PASS
	total	5825	15.60	≤29.11	PASS
11AC40MIMO	ANT0	5190	12.04	≤23.09	PASS
	ANT1	5190	13.02	≤23.09	PASS
	total	5190	15.57	≤23.09	PASS
	ANT0	5230	11.43	≤23.09	PASS
	ANT1	5230	12.69	≤23.09	PASS
	total	5230	15.12	≤23.09	PASS
	ANT0	5270	11.99	≤23.09	PASS
	ANT1	5270	13.70	≤23.09	PASS
	total	5270	15.94	≤23.09	PASS
	ANT0	5310	13.25	≤23.09	PASS
	ANT1	5310	13.29	≤23.09	PASS
	total	5310	16.28	≤23.09	PASS
	ANT0	5510	9.66	≤23.09	PASS
	ANT1	5510	12.42	≤23.09	PASS
	total	5510	14.27	≤23.09	PASS
	ANT0	5550	9.78	≤23.09	PASS
	ANT1	5550	12.57	≤23.09	PASS
	total	5550	14.41	≤23.09	PASS
	ANT0	5670	10.32	≤23.09	PASS
	ANT1	5670	12.58	≤23.09	PASS
	total	5670	14.61	≤23.09	PASS
	ANT0	5710	10.37	≤23.09	PASS
	ANT1	5710	12.26	≤23.09	PASS
	total	5710	14.43	≤23.09	PASS
	ANT0	5755	10.55	≤29.11	PASS
	ANT1	5755	11.07	≤29.11	PASS
	total	5755	13.83	≤29.11	PASS
	ANT0	5795	11.29	≤29.11	PASS
	ANT1	5795	11.54	≤29.11	PASS
	total	5795	14.43	≤29.11	PASS
11AC80MIMO	ANT0	5210	10.61	≤23.09	PASS
	ANT1	5210	11.68	≤23.09	PASS
	total	5210	14.19	≤23.09	PASS
	ANT0	5290	10.87	≤23.09	PASS
	ANT1	5290	12.47	≤23.09	PASS
	total	5290	14.75	≤23.09	PASS
	ANT0	5530	8.90	≤23.09	PASS
	ANT1	5530	11.62	≤23.09	PASS
	total	5530	13.48	≤23.09	PASS
	ANT0	5610	8.63	≤23.09	PASS
	ANT1	5610	10.10	≤23.09	PASS
	total	5610	12.44	≤23.09	PASS
	ANT0	5690	9.26	≤23.09	PASS
	ANT1	5690	11.12	≤23.09	PASS

	total	5690	13.30	≤23.09	PASS
	ANT0	5775	9.27	≤29.11	PASS
	ANT1	5775	10.73	≤29.11	PASS
	total	5775	13.07	≤29.11	PASS
11AX20MIMO	ANT0	5180	14.59	≤23.09	PASS
	ANT1	5180	14.28	≤23.09	PASS
	total	5180	17.45	≤23.09	PASS
	ANT0	5200	14.00	≤23.09	PASS
	ANT1	5200	13.99	≤23.09	PASS
	total	5200	17.01	≤23.09	PASS
	ANT0	5240	13.38	≤23.09	PASS
	ANT1	5240	13.10	≤23.09	PASS
	total	5240	16.25	≤23.09	PASS
	ANT0	5260	13.64	≤23.09	PASS
	ANT1	5260	14.28	≤23.09	PASS
	total	5260	16.98	≤23.09	PASS
	ANT0	5280	14.07	≤23.09	PASS
	ANT1	5280	14.58	≤23.09	PASS
	total	5280	17.34	≤23.09	PASS
	ANT0	5320	14.74	≤23.09	PASS
	ANT1	5320	13.82	≤23.09	PASS
	total	5320	17.31	≤23.09	PASS
	ANT0	5500	14.04	≤23.09	PASS
	ANT1	5500	12.39	≤23.09	PASS
	total	5500	16.30	≤23.09	PASS
	ANT0	5580	14.06	≤23.09	PASS
	ANT1	5580	11.63	≤23.09	PASS
	total	5580	16.02	≤23.09	PASS
	ANT0	5700	10.44	≤23.09	PASS
	ANT1	5700	8.97	≤23.09	PASS
	total	5700	12.78	≤23.09	total
	ANT0	5720	8.04	≤23.09	PASS
	ANT1	5720	10.09	≤23.09	PASS
	total	5720	12.20	≤23.09	PASS
	ANT0	5745	14.59	≤30.00	PASS
	ANT1	5745	11.99	≤29.11	PASS
	total	5745	16.49	≤29.11	PASS
	ANT0	5785	12.57	≤29.11	PASS
	ANT1	5785	12.85	≤29.11	PASS
	total	5785	15.72	≤29.11	PASS
	ANT0	5825	11.81	≤29.11	PASS
	ANT1	5825	12.51	≤29.11	PASS
	total	5825	15.18	≤29.11	PASS
11AX40MIMO	ANT0	5190	10.95	≤23.09	PASS
	ANT1	5190	11.86	≤23.09	PASS
	total	5190	14.44	≤23.09	PASS
	ANT0	5230	10.35	≤23.09	PASS
	ANT1	5230	11.54	≤23.09	PASS
	total	5230	14.00	≤23.09	PASS
	ANT0	5270	10.93	≤23.09	PASS
	ANT1	5270	12.67	≤23.09	PASS
	total	5270	14.90	≤23.09	PASS
	ANT0	5310	11.96	≤23.09	PASS
	ANT1	5310	12.29	≤23.09	PASS
	total	5310	15.14	≤23.09	PASS
	ANT0	5510	9.67	≤23.09	PASS
	ANT1	5510	12.36	≤23.09	PASS
	total	5510	14.23	≤23.09	PASS

	ANT0	5550	9.79	≤23.09	PASS
	ANT1	5550	12.50	≤23.09	PASS
	total	5550	14.36	≤23.09	PASS
	ANT0	5670	10.32	≤23.09	PASS
	ANT1	5670	12.50	≤23.09	PASS
	total	5670	14.56	≤23.09	PASS
	ANT0	5710	10.32	≤23.09	PASS
	ANT1	5710	12.15	≤23.09	PASS
	total	5710	14.34	≤23.09	PASS
	ANT0	5755	10.58	≤29.11	PASS
	ANT1	5755	10.98	≤29.11	PASS
	total	5755	13.79	≤29.11	PASS
	ANT0	5795	11.24	≤29.11	PASS
	ANT1	5795	11.46	≤29.11	PASS
	total	5795	14.36	≤29.11	PASS
11AX80MIMO	ANT0	5210	9.83	≤23.09	PASS
	ANT1	5210	10.76	≤23.09	PASS
	total	5210	13.33	≤23.09	PASS
	ANT0	5290	10.12	≤23.09	PASS
	ANT1	5290	11.24	≤23.09	PASS
	total	5290	13.73	≤23.09	PASS
	ANT0	5530	9.04	≤23.09	PASS
	ANT1	5530	11.64	≤23.09	PASS
	total	5530	13.54	≤23.09	PASS
	ANT0	5610	8.77	≤23.09	PASS
	ANT1	5610	10.11	≤23.09	PASS
	total	5610	12.50	≤23.09	PASS
	ANT0	5690	9.31	≤23.09	PASS
	ANT1	5690	11.09	≤23.09	PASS
	total	5690	13.30	≤23.09	PASS
	ANT0	5775	9.43	≤29.11	PASS
	ANT1	5775	10.80	≤29.11	PASS
	total	5775	13.18	≤29.11	PASS

Note:
1. The device is a client device.
2. Additional channels cross the band 5470-5725MHz and 5725-5850 MHz, Conducted output power test with the additional channel to compliance with stricter limit of the two bands (5470-5725MHz more stricter)
3. For 802.11ac/ax modes, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01:

- $$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

where
Each antenna is driven by no more than one spatial stream;
N_{SS} = the number of independent spatial streams of data;
N_{ANT} = the total number of antennas
$g_{j,k} = 10^{G_k/20}$ if the k_{th} antenna is being fed by spatial stream j, or zero if it is not;
G_k is the gain in dBi of the k_{th} antenna.

ANT0 Gain:	4.16	dBi	Directional gain:	6.89	dBi
ANT1 Gain:	3.60	dBi			

Appendix D: Maximum Power Spectral Density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Result [dBm/MHz]	Verdict
11A	ANT0	5180	2.56	≤11.00	PASS
	ANT1	5180	0.11	≤11.00	PASS
	ANT0	5200	2.16	≤11.00	PASS
	ANT1	5200	-0.04	≤11.00	PASS
	ANT0	5240	1.78	≤11.00	PASS
	ANT1	5240	-1.31	≤11.00	PASS
	ANT0	5260	2.56	≤11.00	PASS
	ANT1	5260	0.99	≤11.00	PASS
	ANT0	5280	2.41	≤11.00	PASS
	ANT1	5280	0.66	≤11.00	PASS
	ANT0	5320	2.98	≤11.00	PASS
	ANT1	5320	0.22	≤11.00	PASS
	ANT0	5500	1.43	≤11.00	PASS
	ANT1	5500	0.63	≤11.00	PASS
	ANT0	5580	1.28	≤11.00	PASS
	ANT1	5580	-0.81	≤11.00	PASS
	ANT0	5700	-2.03	≤11.00	PASS
	ANT1	5700	-0.03	≤11.00	PASS
	ANT0	5720_UNII-2C	-1.40	≤11.00	PASS
	ANT1	5720_UNII-2C	0.85	≤11.00	PASS
	ANT0	5720_UNII-3	-4.44	≤30.00	PASS
	ANT1	5720_UNII-3	-3.16	≤30.00	PASS
	ANT0	5745	-3.76	≤30.00	PASS
	ANT1	5745	-4.19	≤30.00	PASS
	ANT0	5785	-4.80	≤30.00	PASS
	ANT1	5785	-3.52	≤30.00	PASS
	ANT0	5825	-5.87	≤30.00	PASS
	ANT1	5825	-4.26	≤30.00	PASS
11AC20MIMO	ANT0	5180	4.16	≤10.11	PASS
	ANT1	5180	3.71	≤10.11	PASS
	total	5180	6.95	≤10.11	PASS
	ANT0	5200	3.50	≤10.11	PASS
	ANT1	5200	3.37	≤10.11	PASS
	total	5200	6.45	≤10.11	PASS
	ANT0	5240	2.56	≤10.11	PASS
	ANT1	5240	2.27	≤10.11	PASS
	total	5240	5.43	≤10.11	PASS
	ANT0	5260	2.76	≤10.11	PASS
	ANT1	5260	3.43	≤10.11	PASS
	total	5260	6.12	≤10.11	PASS

	ANT0	5280	3.29	≤10.11	PASS
	ANT1	5280	3.79	≤10.11	PASS
	total	5280	6.56	≤10.11	PASS
	ANT0	5320	3.58	≤10.11	PASS
	ANT1	5320	2.97	≤10.11	PASS
	total	5320	6.30	≤10.11	PASS
	ANT0	5500	3.18	≤10.11	PASS
	ANT1	5500	1.70	≤10.11	PASS
	total	5500	5.51	≤10.11	PASS
	ANT0	5580	3.25	≤10.11	PASS
	ANT1	5580	0.86	≤10.11	PASS
	total	5580	5.23	≤10.11	PASS
	ANT0	5700	2.67	≤10.11	PASS
	ANT1	5700	1.80	≤10.11	PASS
	total	5700	5.27	≤10.11	PASS
	ANT0	5720_UNII-2C	-2.49	≤10.11	PASS
	ANT1	5720_UNII-2C	-0.03	≤10.11	PASS
	total	5720_UNII-2C	1.92	≤10.11	PASS
	ANT0	5720_UNII-3	-5.13	≤29.11	PASS
	ANT1	5720_UNII-3	-3.83	≤29.11	PASS
	total	5720_UNII-3	-1.42	≤29.11	PASS
	ANT0	5745	1.27	≤29.11	PASS
	ANT1	5745	-1.67	≤29.11	PASS
	total	5745	3.05	≤29.11	PASS
	ANT0	5785	-1.24	≤29.11	PASS
	ANT1	5785	-0.97	≤29.11	PASS
	total	5785	1.91	≤29.11	PASS
	ANT0	5825	-1.80	≤29.11	PASS
	ANT1	5825	-0.38	≤29.11	PASS
	total	5825	1.98	≤29.11	PASS
11AC40MIMO	ANT0	5190	-1.78	≤10.11	PASS
	ANT1	5190	-0.87	≤10.11	PASS
	total	5190	1.71	≤10.11	PASS
	ANT0	5230	-2.35	≤10.11	PASS
	ANT1	5230	-1.08	≤10.11	PASS
	total	5230	1.34	≤10.11	PASS
	ANT0	5270	-1.57	≤10.11	PASS
	ANT1	5270	0.10	≤10.11	PASS
	total	5270	2.36	≤10.11	PASS
	ANT0	5310	-0.48	≤10.11	PASS
	ANT1	5310	-0.40	≤10.11	PASS
	total	5310	2.57	≤10.11	PASS
	ANT0	5510	-4.04	≤10.11	PASS
	ANT1	5510	-1.20	≤10.11	PASS
	total	5510	0.62	≤10.11	PASS

	ANT0	5550	-3.98	≤10.11	PASS
	ANT1	5550	-1.06	≤10.11	PASS
	total	5550	0.73	≤10.11	PASS
	ANT0	5670	-3.41	≤10.11	PASS
	ANT1	5670	-1.13	≤10.11	PASS
	total	5670	0.89	≤10.11	PASS
	ANT0	5710_UNII-2C	-3.32	≤10.11	PASS
	ANT1	5710_UNII-2C	-1.18	≤10.11	PASS
	total	5710_UNII-2C	0.89	≤10.11	PASS
	ANT0	5710_UNII-3	-9.05	≤29.11	PASS
	ANT1	5710_UNII-3	-7.32	≤29.11	PASS
	total	5710_UNII-3	-5.09	≤29.11	PASS
	ANT0	5755	-6.36	≤29.11	PASS
	ANT1	5755	-5.65	≤29.11	PASS
	total	5755	-2.98	≤29.11	PASS
	ANT0	5795	-5.57	≤29.11	PASS
	ANT1	5795	-5.29	≤29.11	PASS
	total	5795	-2.42	≤29.11	PASS
11AC80MIMO	ANT0	5210	-6.54	≤10.11	PASS
	ANT1	5210	-5.27	≤10.11	PASS
	total	5210	-2.85	≤10.11	PASS
	ANT0	5290	-6.52	≤10.11	PASS
	ANT1	5290	-4.54	≤10.11	PASS
	total	5290	-2.41	≤10.11	PASS
	ANT0	5530	-7.48	≤10.11	PASS
	ANT1	5530	-5.40	≤10.11	PASS
	total	5530	-3.31	≤10.11	PASS
	ANT0	5610	-8.22	≤10.11	PASS
	ANT1	5610	-7.18	≤10.11	PASS
	total	5610	-4.66	≤10.11	PASS
	ANT0	5690_UNII-2C	-7.19	≤10.11	PASS
	ANT1	5690_UNII-2C	-5.91	≤10.11	PASS
	total	5690_UNII-2C	-3.49	≤10.11	PASS
	ANT0	5690_UNII-3	-11.20	≤29.11	PASS
	ANT1	5690_UNII-3	-11.12	≤29.11	PASS
	total	5690_UNII-3	-8.15	≤29.11	PASS
	ANT0	5775	-10.19	≤29.11	PASS
	ANT1	5775	-9.21	≤29.11	PASS
	total	5775	-6.66	≤29.11	PASS
11AX20MIMO	ANT0	5180	3.70	≤10.11	PASS
	ANT1	5180	3.42	≤10.11	PASS
	total	5180	6.57	≤10.11	PASS
	ANT0	5200	3.04	≤10.11	PASS
	ANT1	5200	3.02	≤10.11	PASS
	total	5200	6.04	≤10.11	PASS

	ANT0	5240	2.23	≤10.11	PASS
	ANT1	5240	2.24	≤10.11	PASS
	total	5240	5.25	≤10.11	PASS
	ANT0	5260	2.77	≤10.11	PASS
	ANT1	5260	3.43	≤10.11	PASS
	total	5260	6.12	≤10.11	PASS
	ANT0	5280	3.15	≤10.11	PASS
	ANT1	5280	3.67	≤10.11	PASS
	total	5280	6.43	≤10.11	PASS
	ANT0	5320	4.05	≤10.11	PASS
	ANT1	5320	3.30	≤10.11	PASS
	total	5320	6.70	≤10.11	PASS
	ANT0	5500	3.17	≤10.11	PASS
	ANT1	5500	1.53	≤10.11	PASS
	total	5500	5.44	≤10.11	PASS
	ANT0	5580	3.17	≤10.11	PASS
	ANT1	5580	0.65	≤10.11	PASS
	total	5580	5.10	≤10.11	PASS
	ANT0	5700	-1.28	≤10.11	PASS
	ANT1	5700	-2.07	≤10.11	PASS
	total	5700	1.35	≤10.11	PASS
	ANT0	5720_UNII-2C	-2.81	≤10.11	PASS
	ANT1	5720_UNII-2C	0.13	≤10.11	PASS
	total	5720_UNII-2C	1.91	≤10.11	PASS
	ANT0	5720_UNII-3	-5.38	≤29.11	PASS
	ANT1	5720_UNII-3	-4.01	≤29.11	PASS
	total	5720_UNII-3	-1.63	≤29.11	PASS
	ANT0	5745	0.95	≤29.11	PASS
	ANT1	5745	-1.74	≤29.11	PASS
	total	5745	2.82	≤29.11	PASS
	ANT0	5785	-1.08	≤29.11	PASS
	ANT1	5785	-0.83	≤29.11	PASS
	total	5785	2.06	≤29.11	PASS
	ANT0	5825	-1.70	≤29.11	PASS
	ANT1	5825	-1.00	≤29.11	PASS
	total	5825	1.67	≤29.11	PASS
11AX40MIMO	ANT0	5190	-3.21	≤10.11	PASS
	ANT1	5190	-2.30	≤10.11	PASS
	total	5190	0.28	≤10.11	PASS
	ANT0	5230	-3.56	≤10.11	PASS
	ANT1	5230	-2.48	≤10.11	PASS
	total	5230	0.02	≤10.11	PASS
	ANT0	5270	-2.90	≤10.11	PASS
	ANT1	5270	-1.17	≤10.11	PASS
	total	5270	1.06	≤10.11	PASS

	ANT0	5310	-2.00	≤10.11	PASS
	ANT1	5310	-1.28	≤10.11	PASS
	total	5310	1.39	≤10.11	PASS
	ANT0	5510	-4.47	≤10.11	PASS
	ANT1	5510	-1.50	≤10.11	PASS
	total	5510	0.27	≤10.11	PASS
	ANT0	5550	-4.10	≤10.11	PASS
	ANT1	5550	-1.48	≤10.11	PASS
	total	5550	0.41	≤10.11	PASS
	ANT0	5670	-3.54	≤10.11	PASS
	ANT1	5670	-1.37	≤10.11	PASS
	total	5670	0.69	≤10.11	PASS
	ANT0	5710_UNII-2C	-3.55	≤10.11	PASS
	ANT1	5710_UNII-2C	-1.49	≤10.11	PASS
	total	5710_UNII-2C	0.61	≤10.11	PASS
	ANT0	5710_UNII-3	-9.17	≤29.11	PASS
	ANT1	5710_UNII-3	-7.35	≤29.11	PASS
	total	5710_UNII-3	-5.16	≤29.11	PASS
	ANT0	5755	-6.44	≤29.11	PASS
	ANT1	5755	-5.87	≤29.11	PASS
	total	5755	-3.14	≤29.11	PASS
	ANT0	5795	-5.53	≤29.11	PASS
	ANT1	5795	-5.63	≤29.11	PASS
	total	5795	-2.57	≤29.11	PASS
11AX80MIMO	ANT0	5210	-7.64	≤10.11	PASS
	ANT1	5210	-5.74	≤10.11	PASS
	total	5210	-3.58	≤10.11	PASS
	ANT0	5290	-6.99	≤10.11	PASS
	ANT1	5290	-5.92	≤10.11	PASS
	total	5290	-3.41	≤10.11	PASS
	ANT0	5530	-7.96	≤10.11	PASS
	ANT1	5530	-4.26	≤10.11	PASS
	total	5530	-2.72	≤10.11	PASS
	ANT0	5610	-8.75	≤10.11	PASS
	ANT1	5610	-7.18	≤10.11	PASS
	total	5610	-4.88	≤10.11	PASS
	ANT0	5690_UNII-2C	-7.66	≤10.11	PASS
	ANT1	5690_UNII-2C	-4.89	≤10.11	PASS
	total	5690_UNII-2C	-3.05	≤10.11	PASS
	ANT0	5690_UNII-3	-11.52	≤29.11	PASS
	ANT1	5690_UNII-3	-11.99	≤29.11	PASS
	total	5690_UNII-3	-8.74	≤29.11	PASS
	ANT0	5775	-10.48	≤29.11	PASS
	ANT1	5775	-9.38	≤29.11	PASS
	total	5775	-6.88	≤29.11	PASS

Note:
1. The device is a client device.
2. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
3. The Duty Cycle Factor is compensated in the graph.
4. For 802.11ac/ax modes, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01:

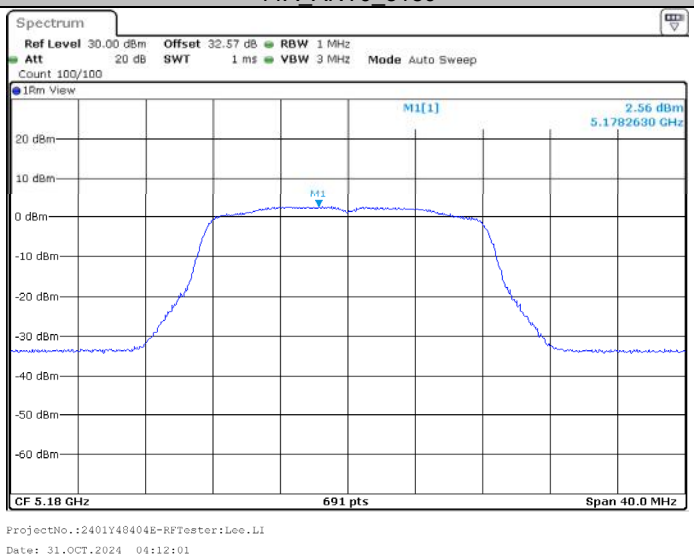
- $$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

where
Each antenna is driven by no more than one spatial stream;
N_{SS} = the number of independent spatial streams of data;
N_{ANT} = the total number of antennas
$g_{j,k} = 10^{G_k/20}$ if the k_{th} antenna is being fed by spatial stream j, or zero if it is not;
G_k is the gain in dBi of the k_{th} antenna.

ANT0 Gain:	4.16	dBi	Directional gain:	6.89	dBi
ANT1 Gain:	3.60	dBi			

Test Graphs

11A_ANT0_5180



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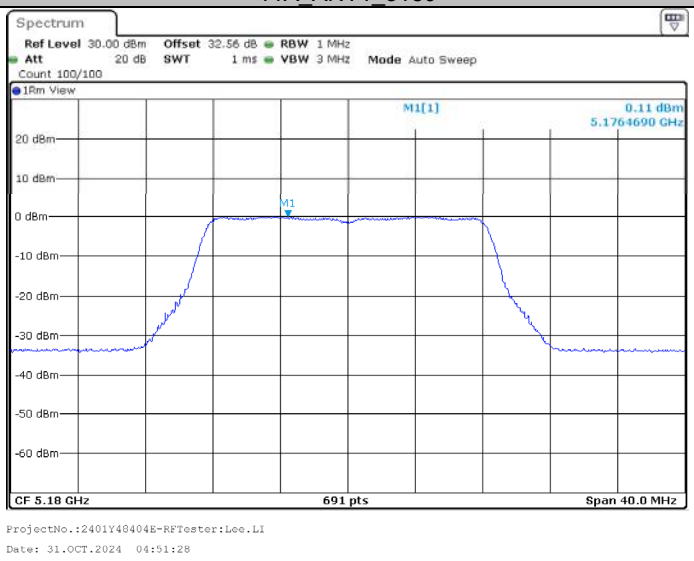

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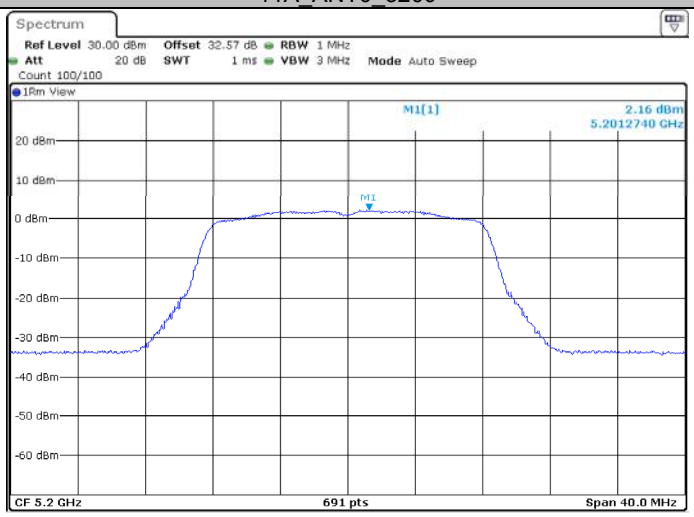

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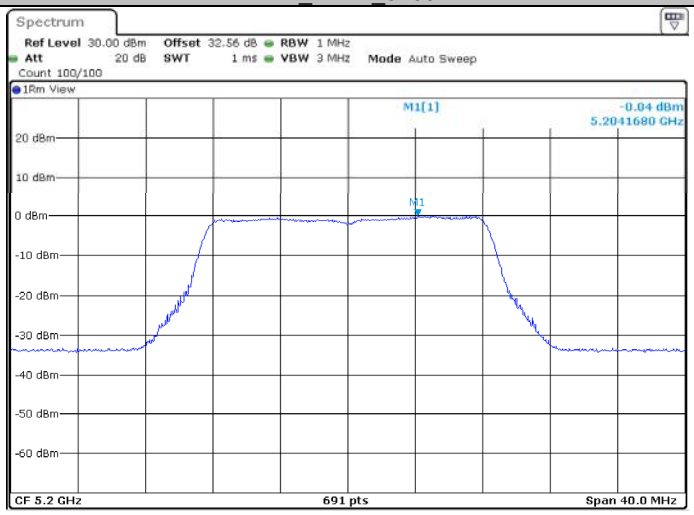

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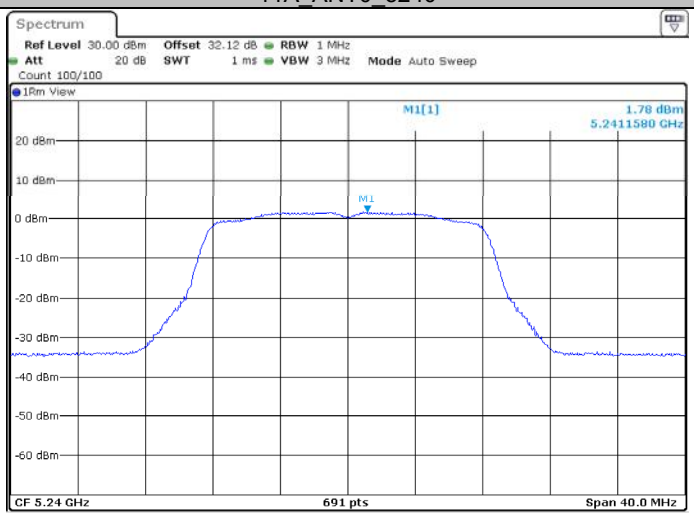

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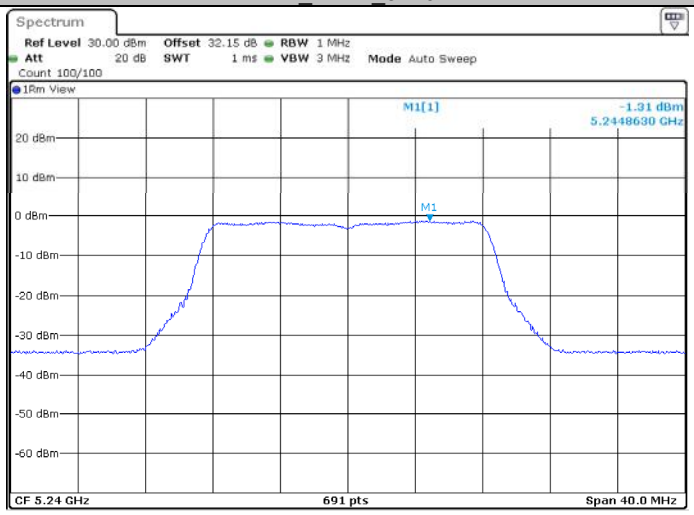

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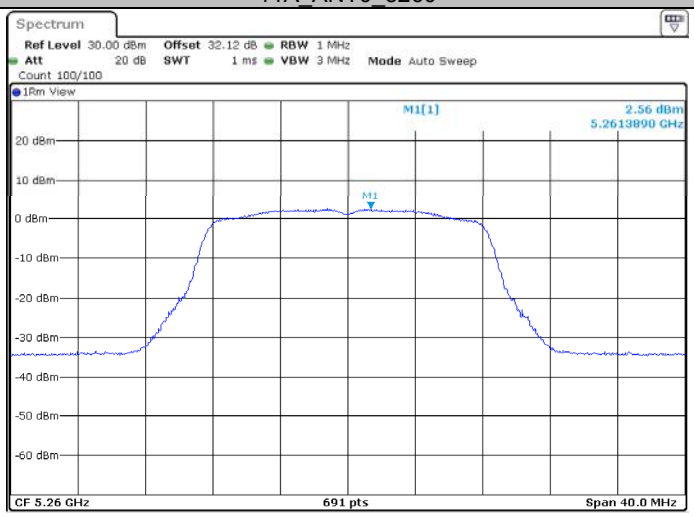

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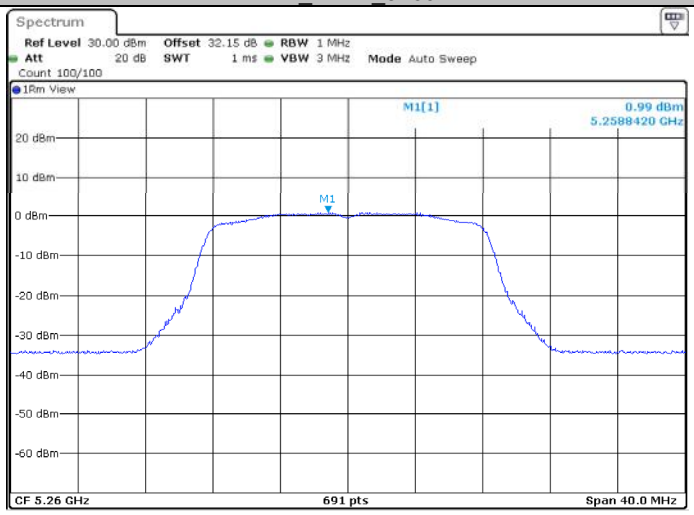

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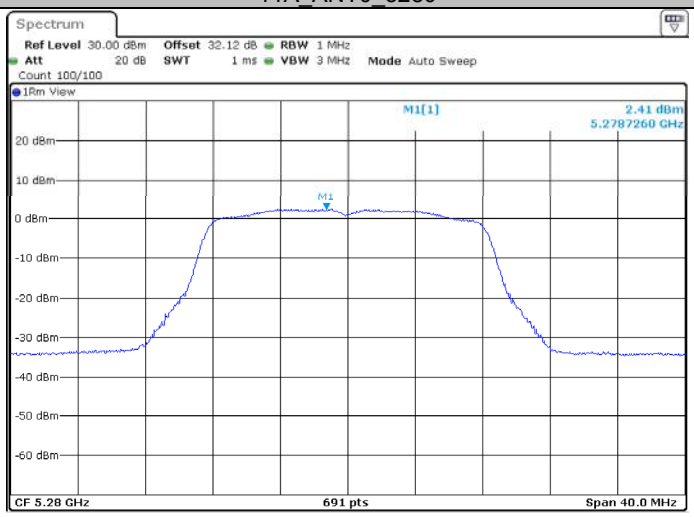

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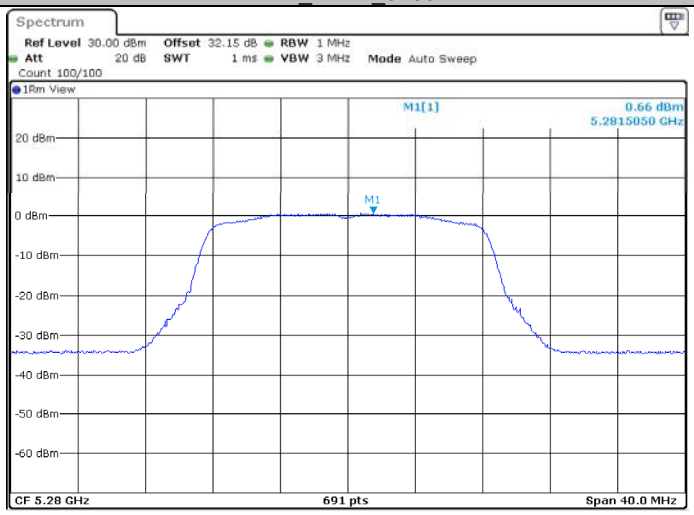

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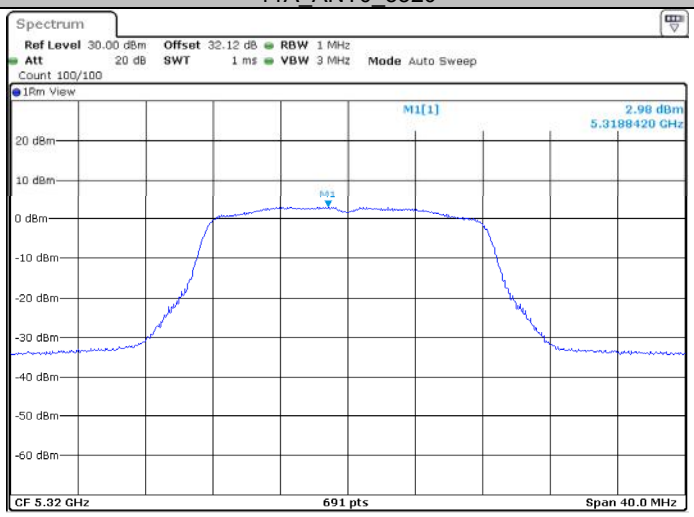

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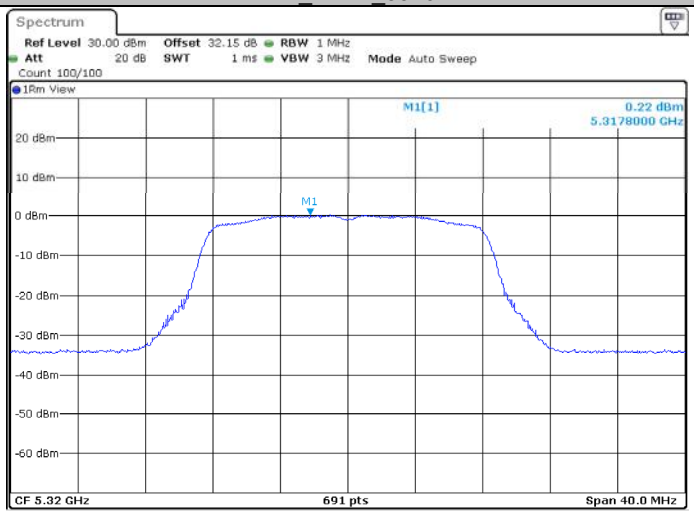

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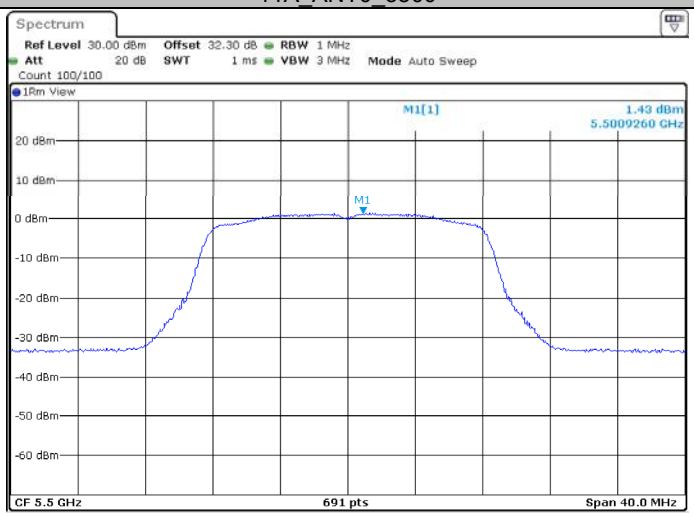

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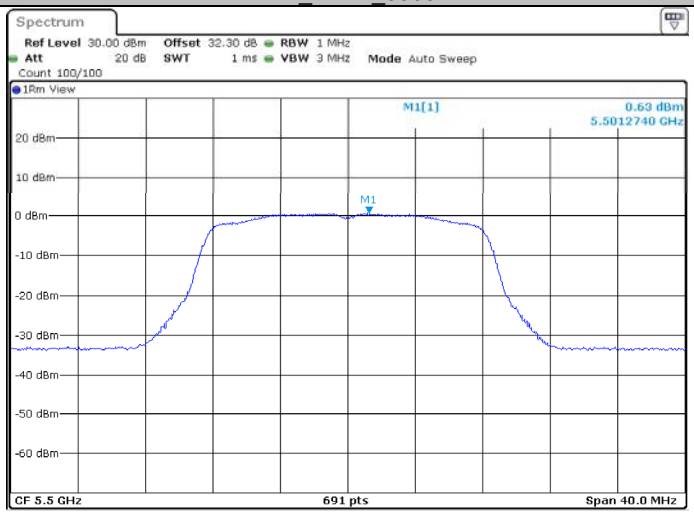

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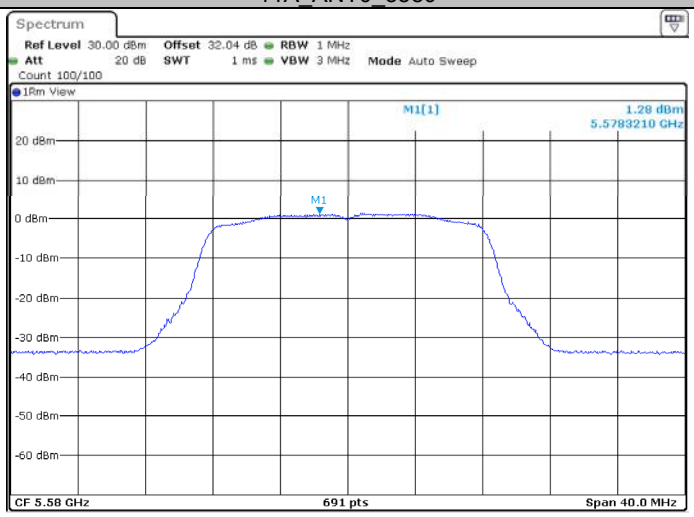

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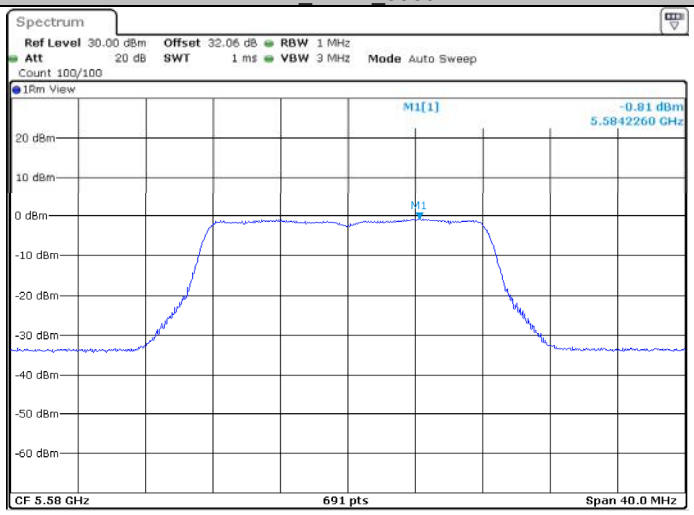

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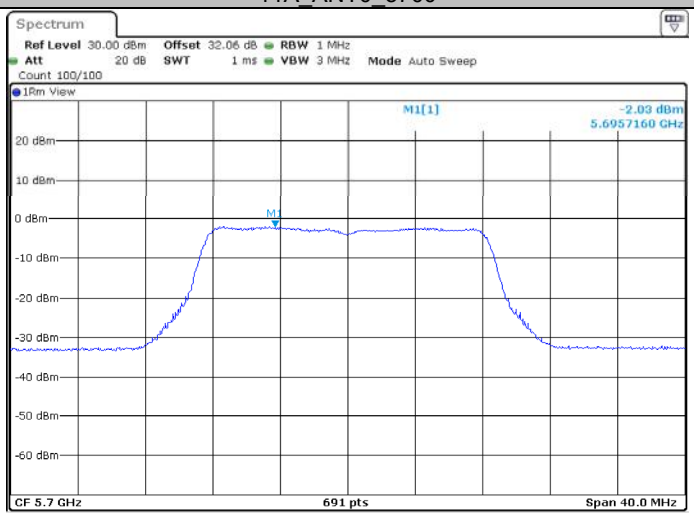

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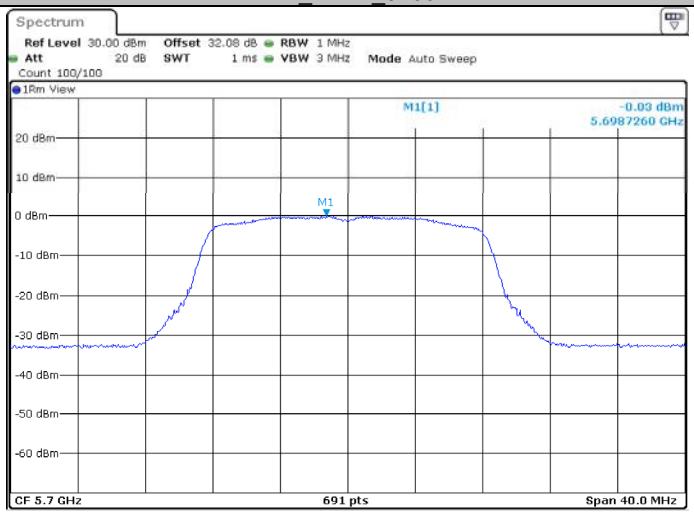

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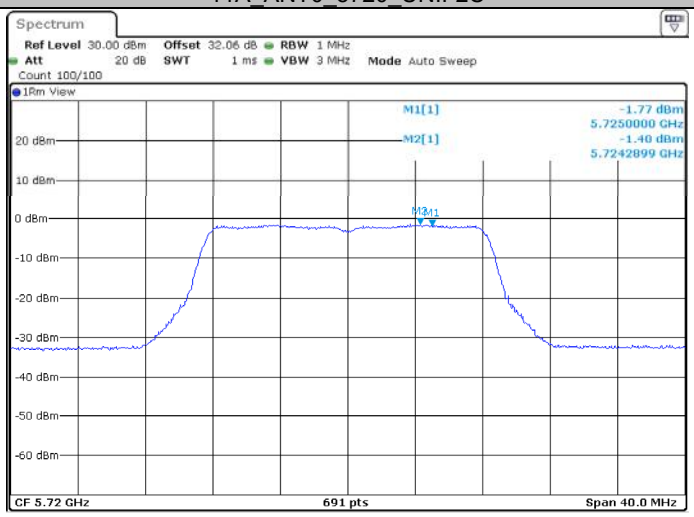

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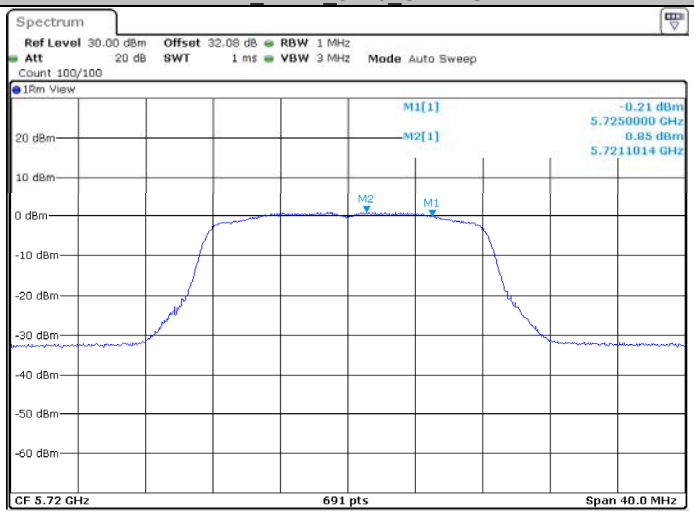

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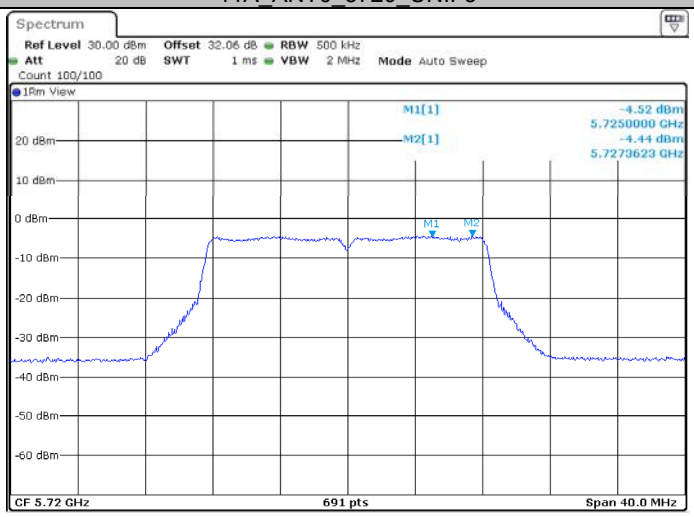

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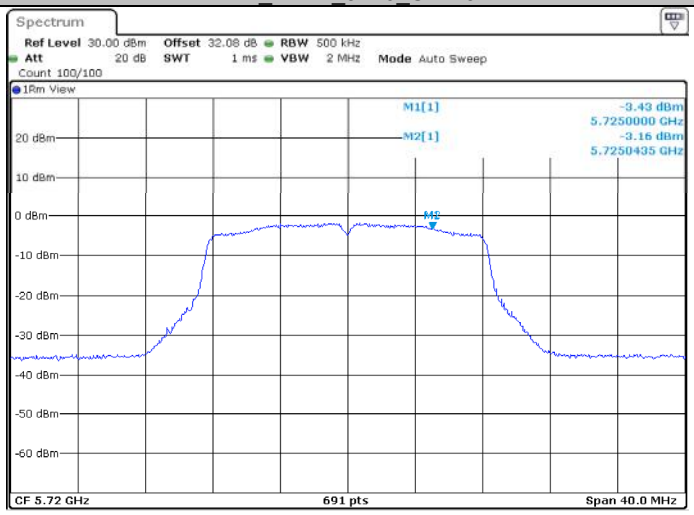

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11A_ANT1_5745

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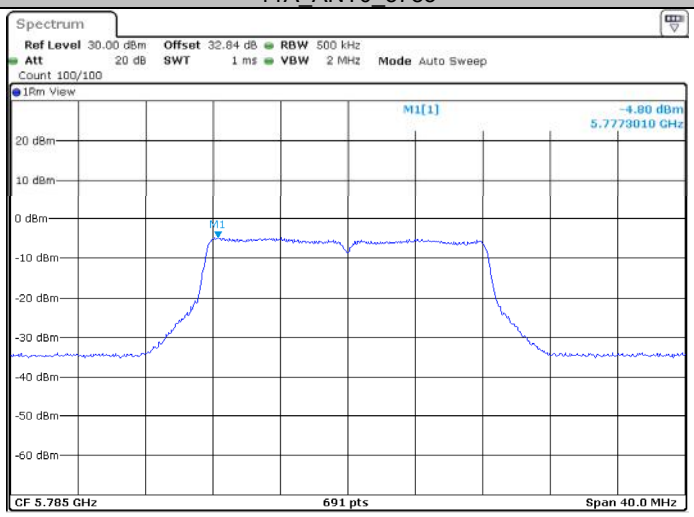

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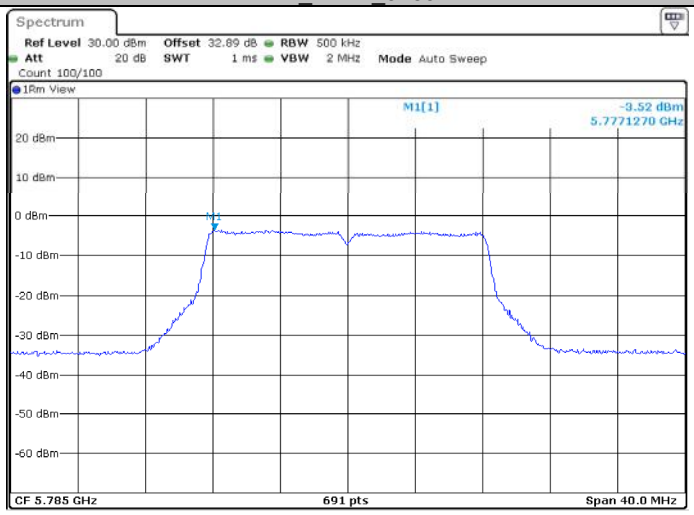

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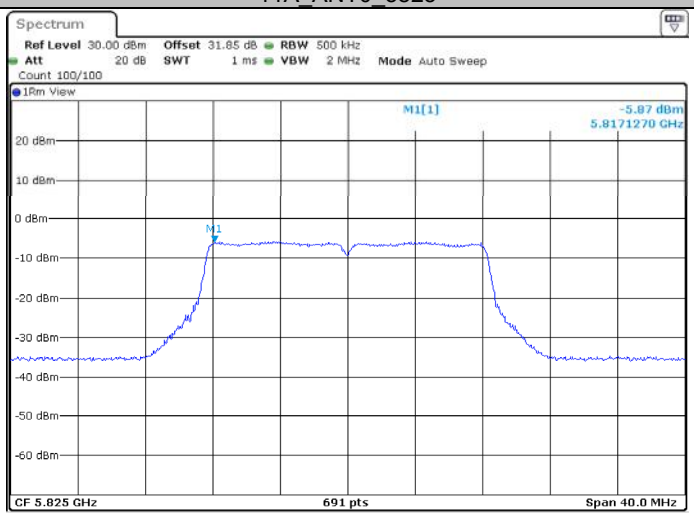

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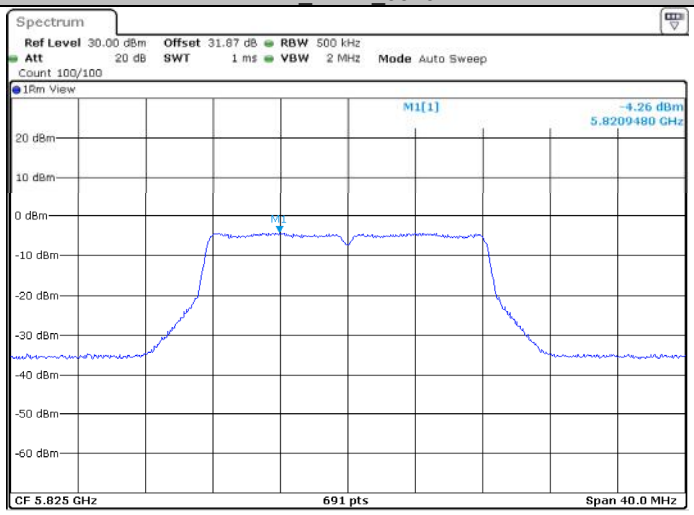

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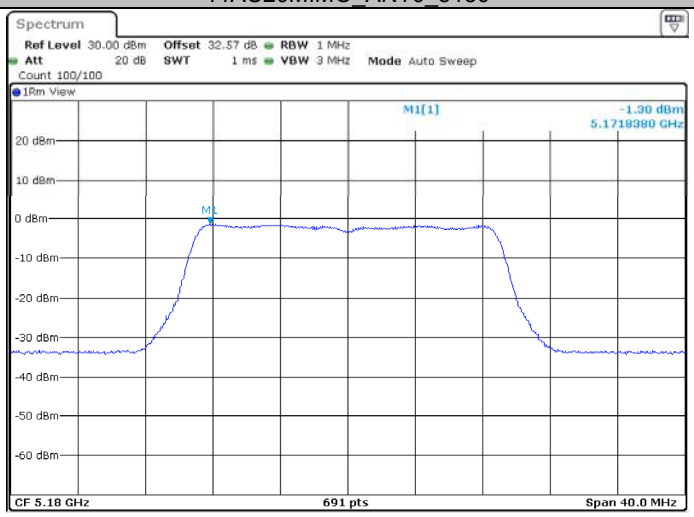

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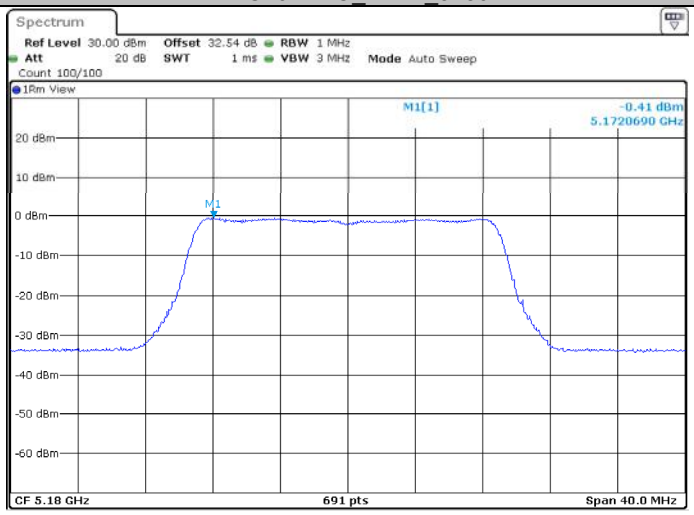

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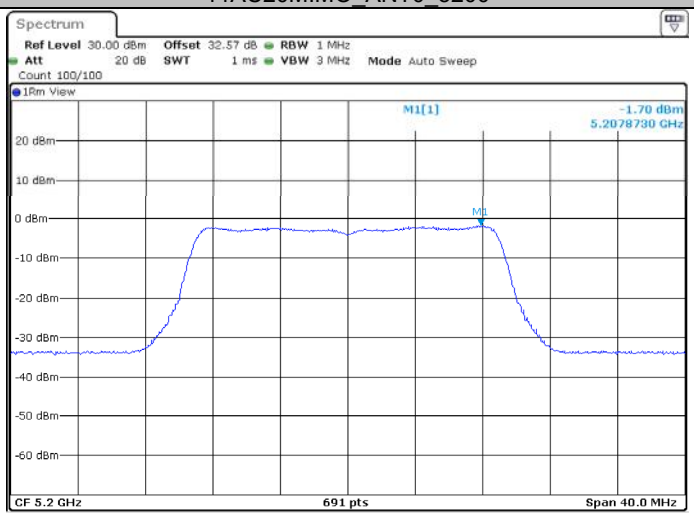

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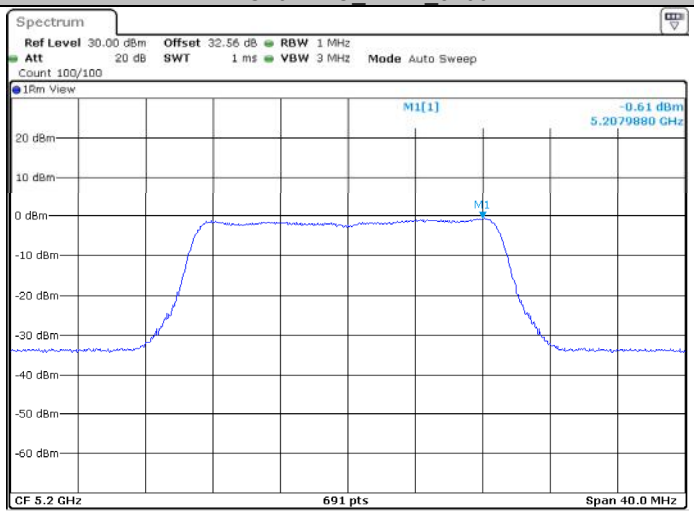

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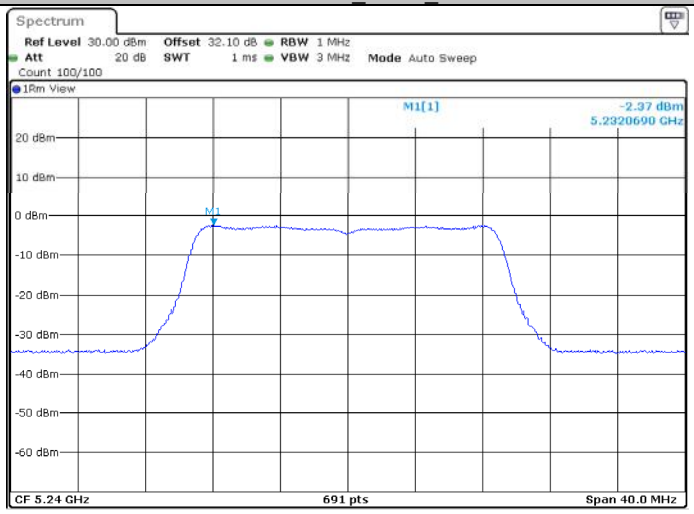

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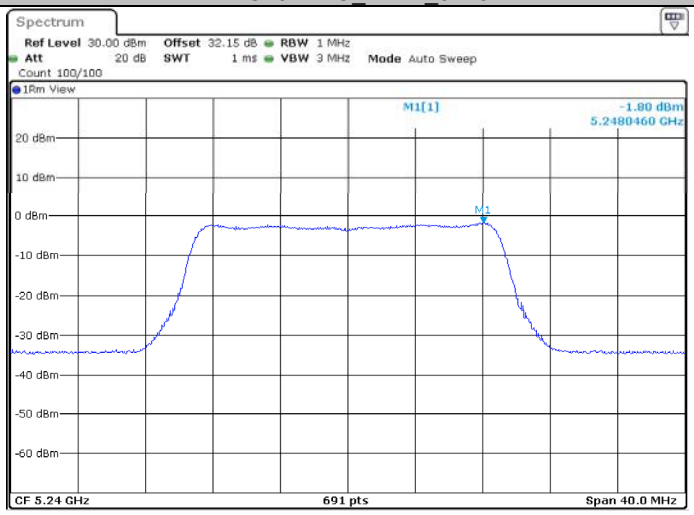

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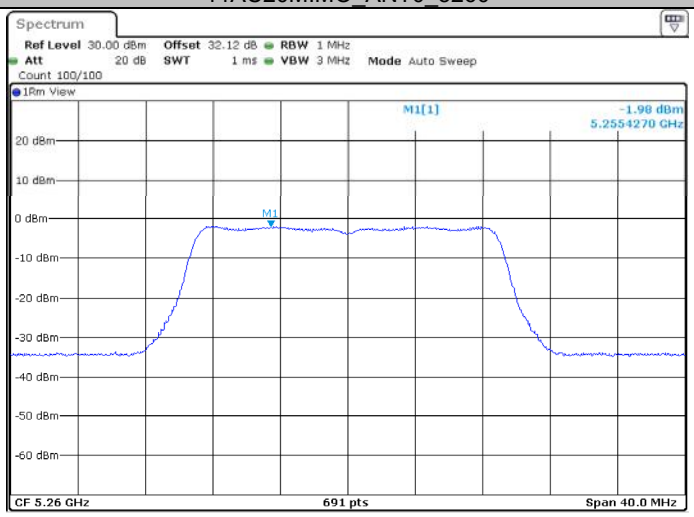

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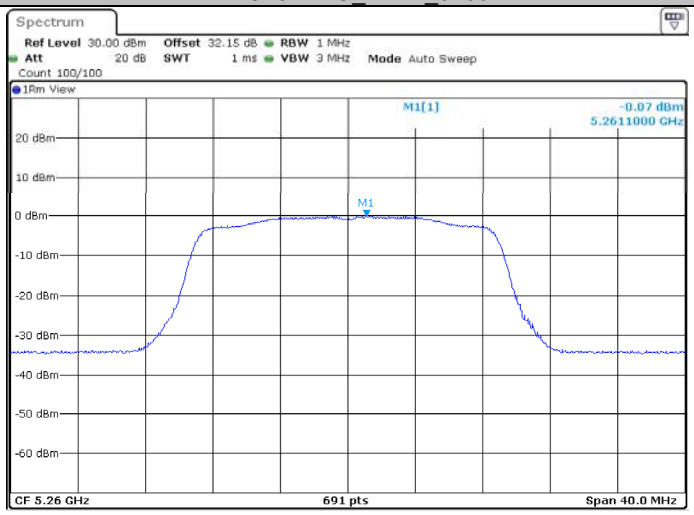

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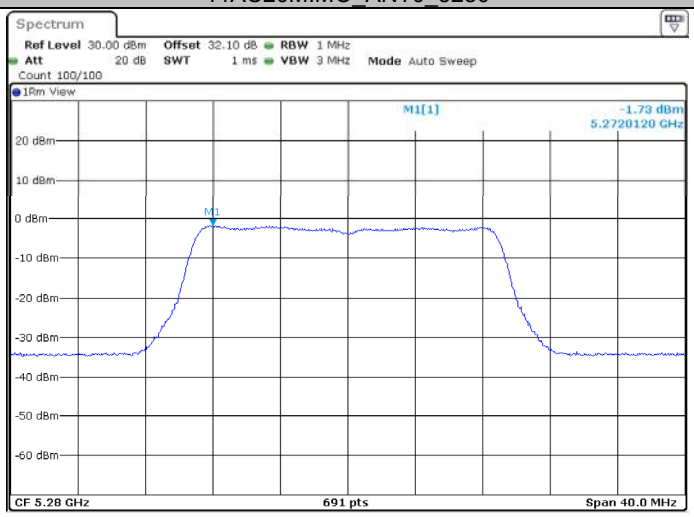

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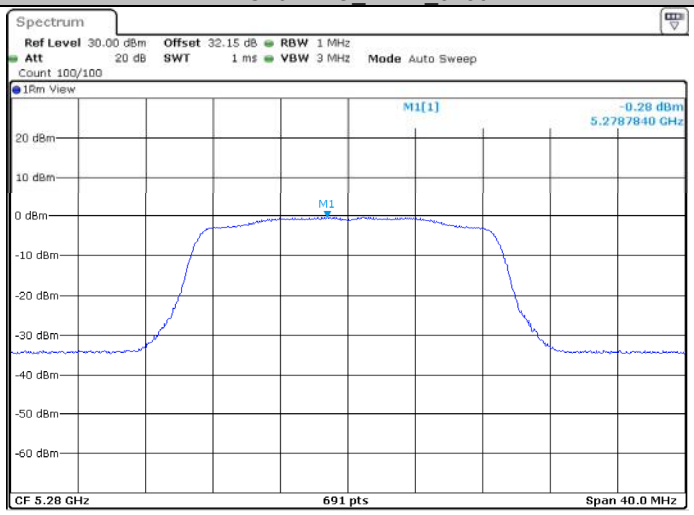

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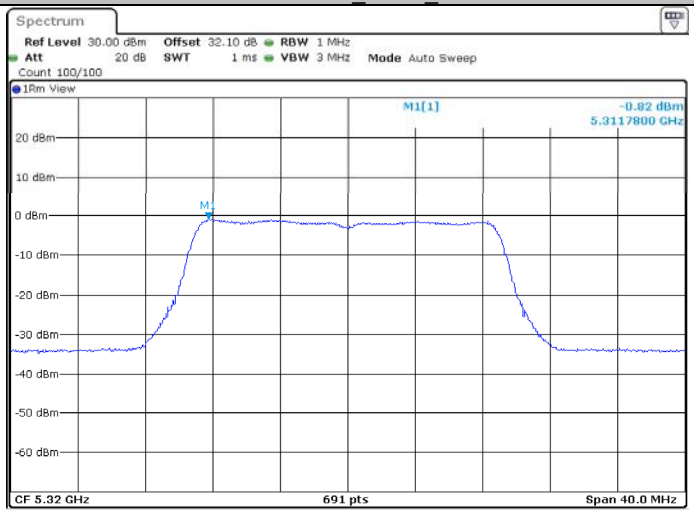

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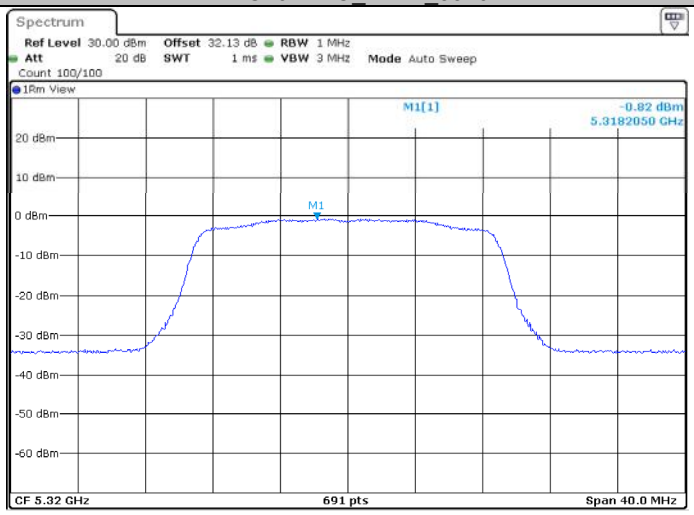

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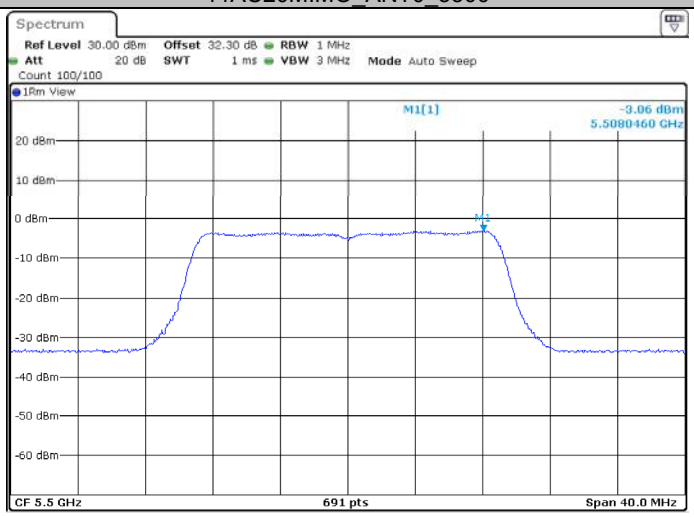

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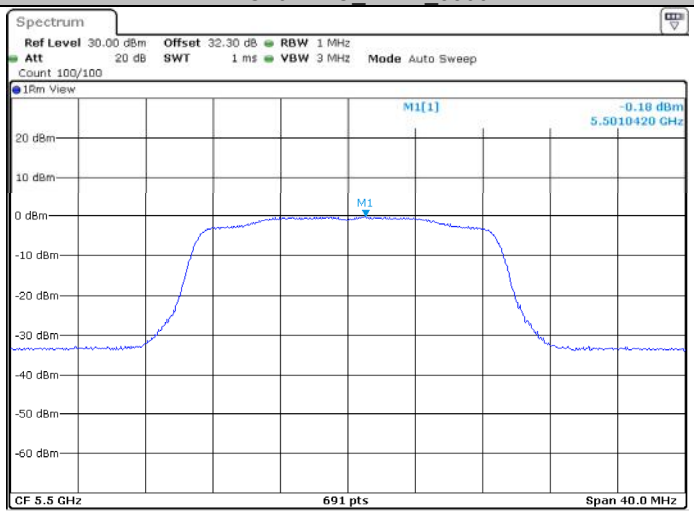

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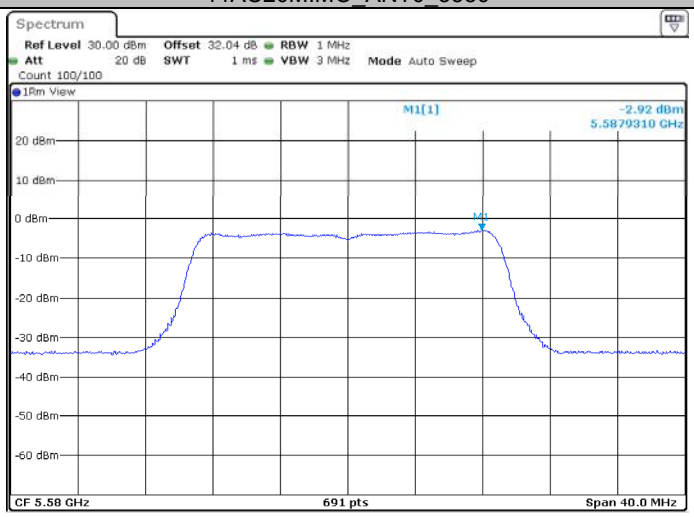

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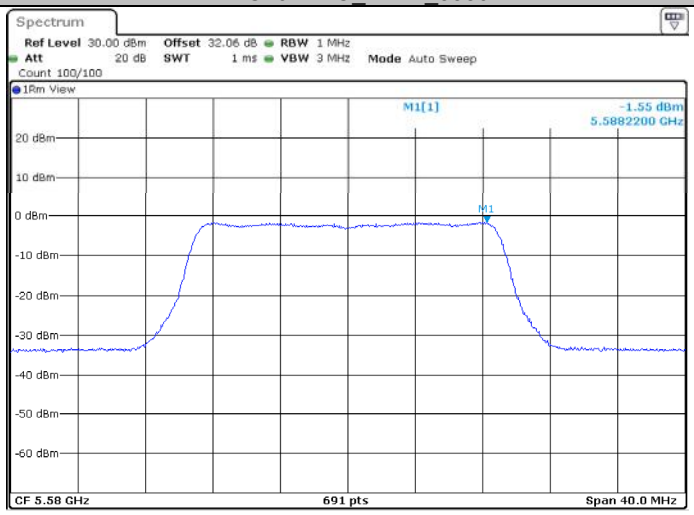

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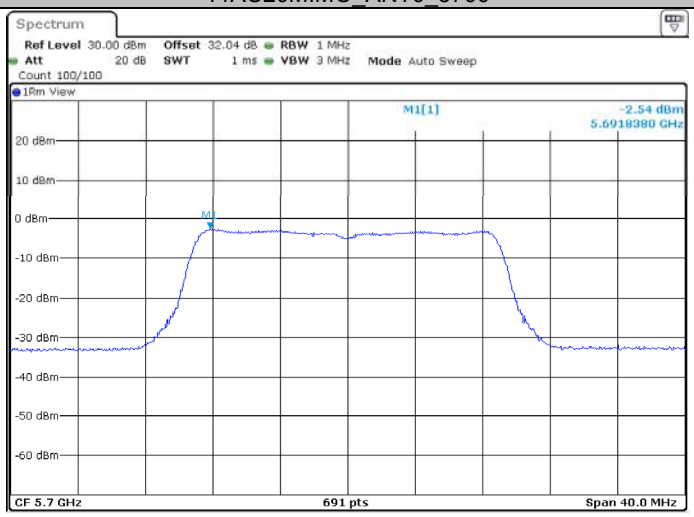

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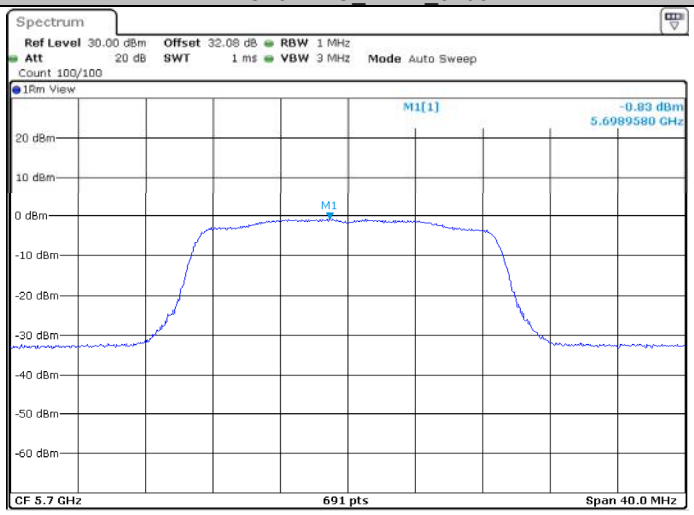

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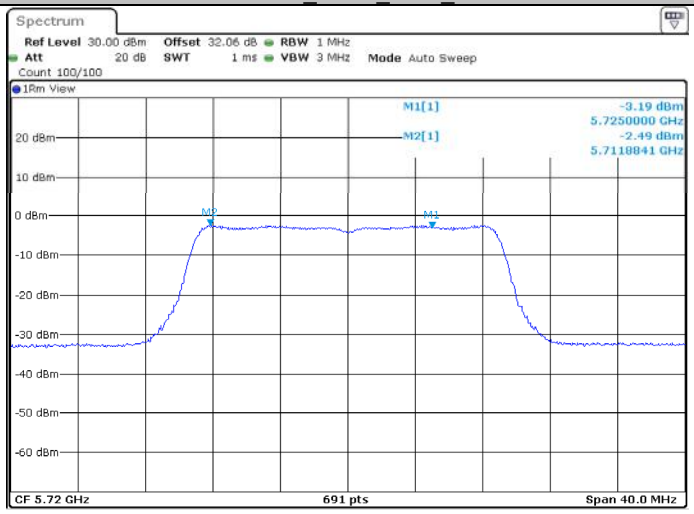

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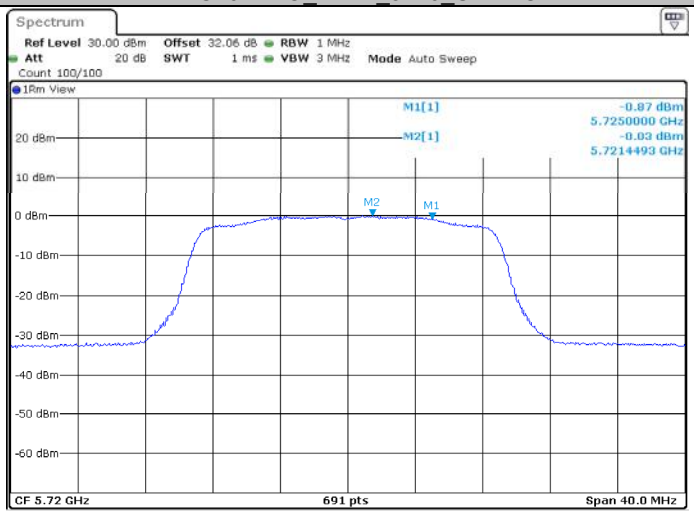

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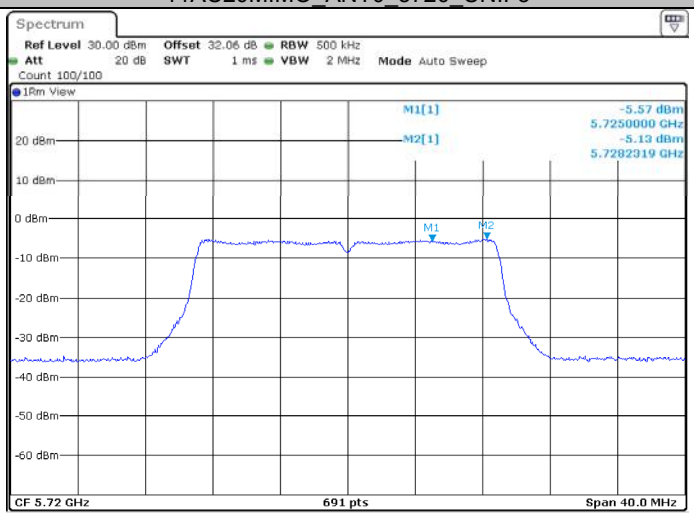

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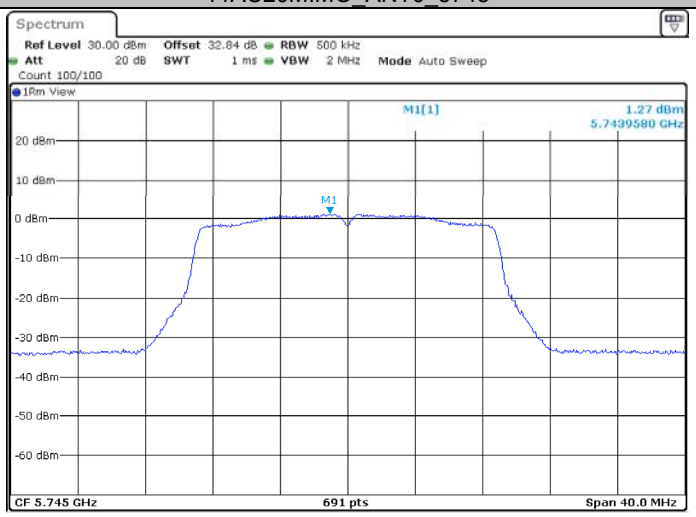

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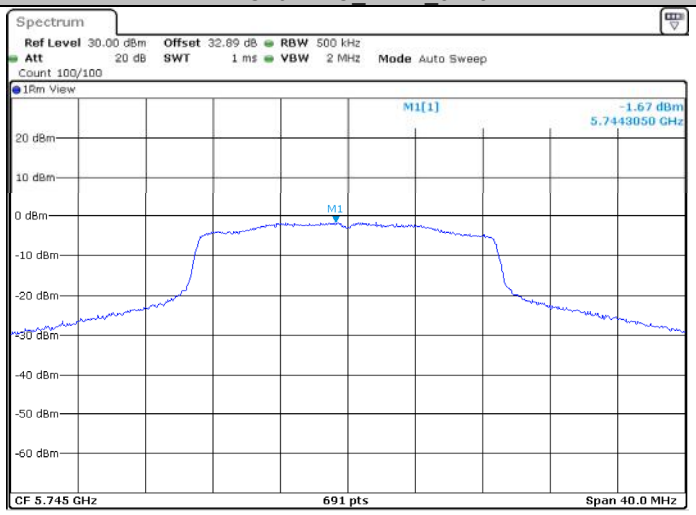

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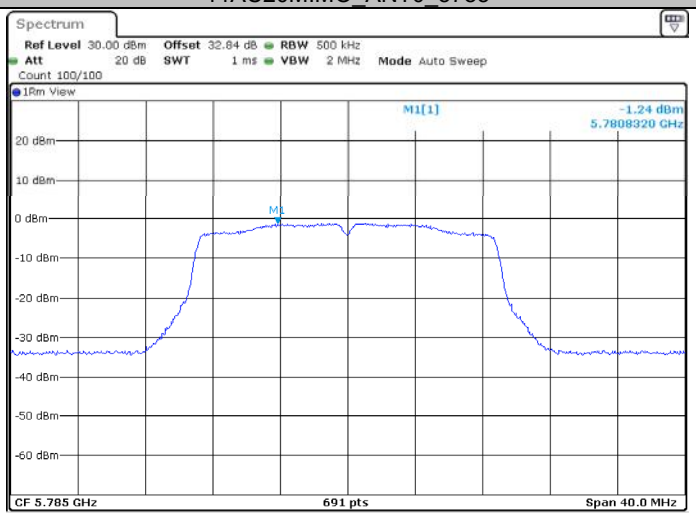

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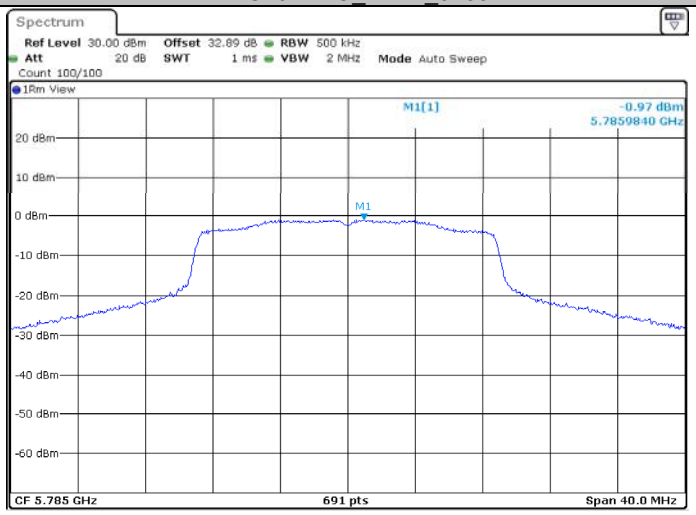

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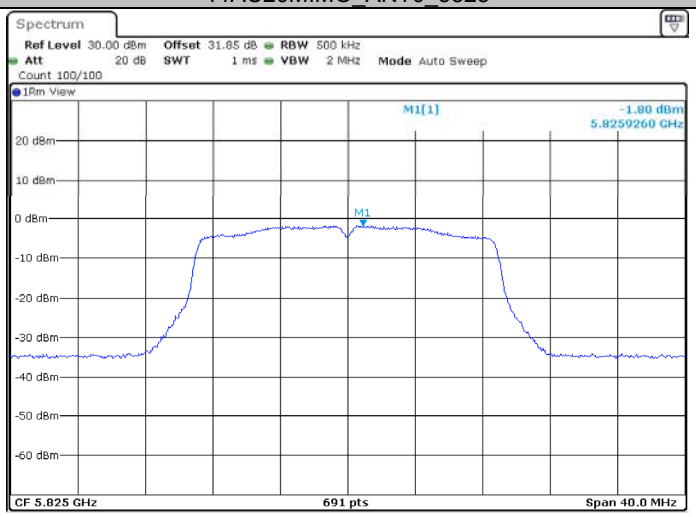

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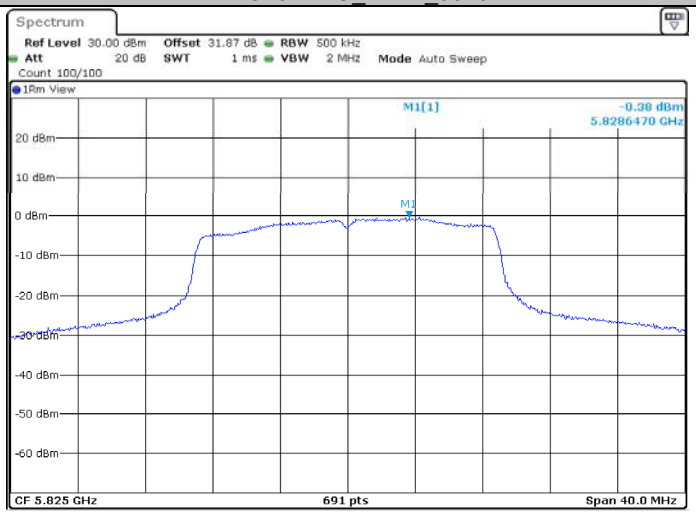

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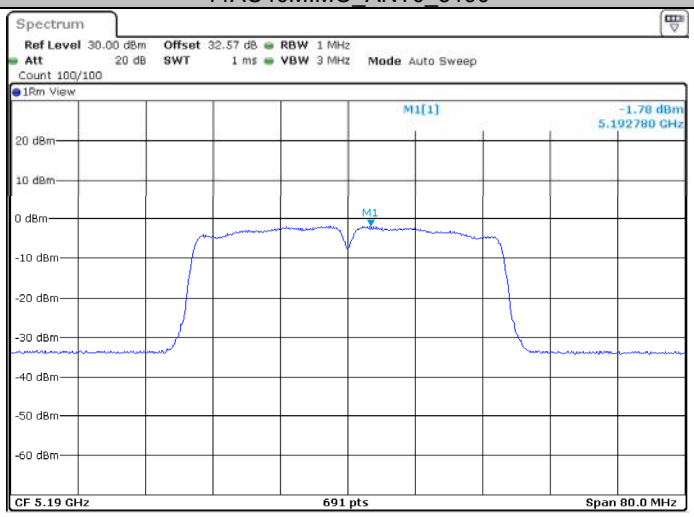

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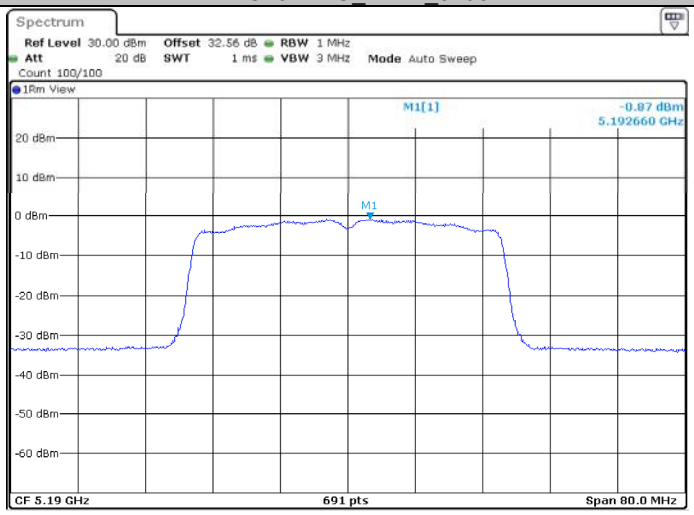

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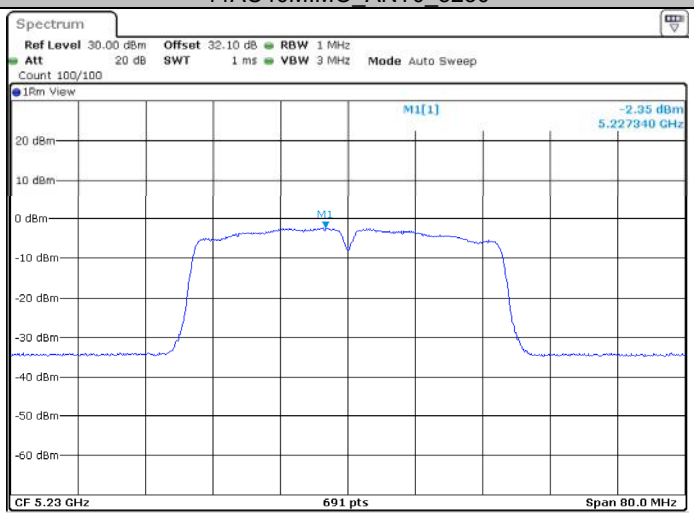

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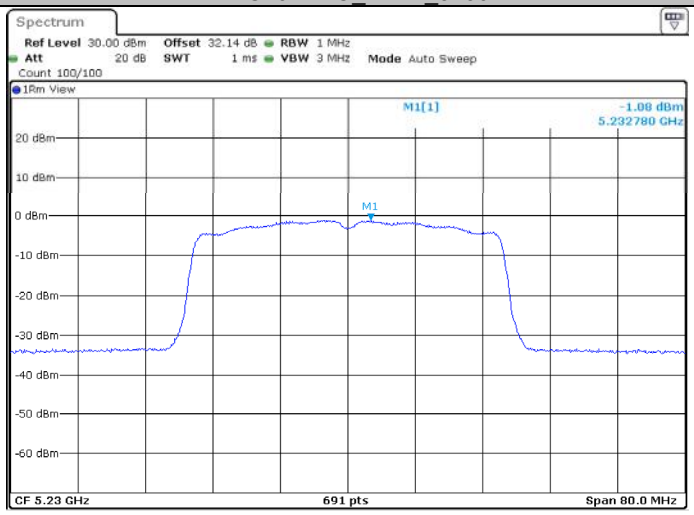

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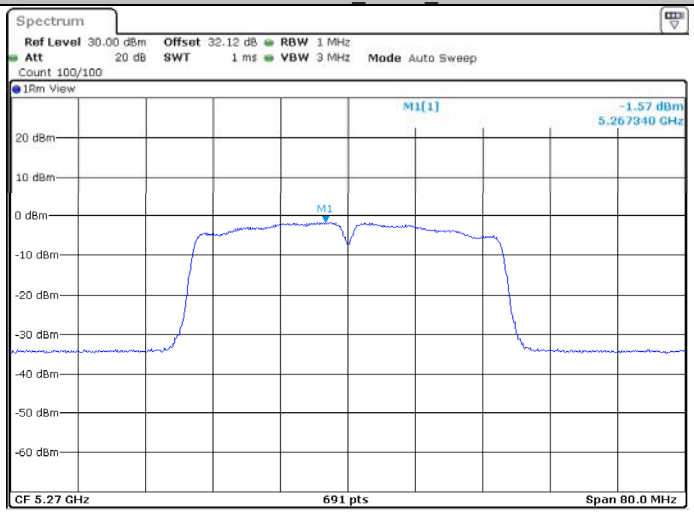

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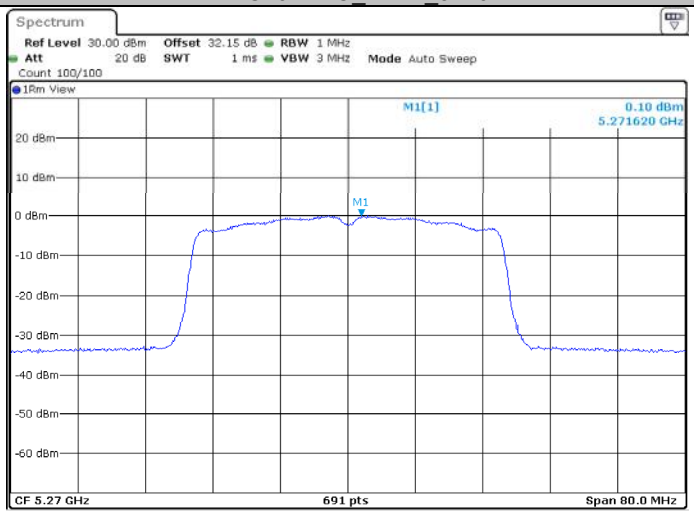

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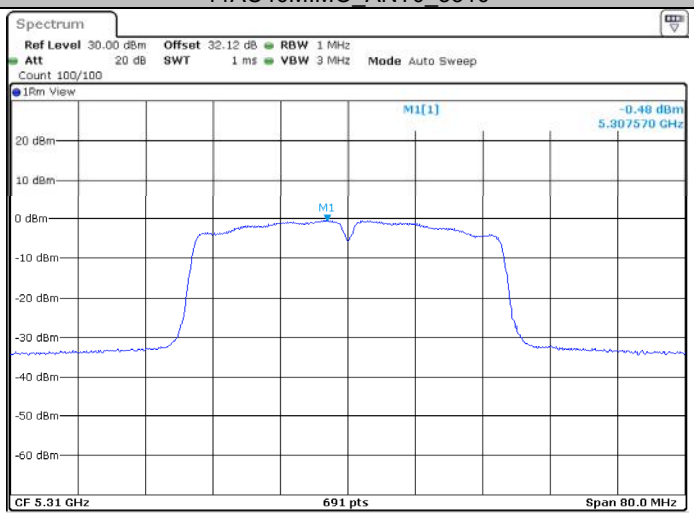

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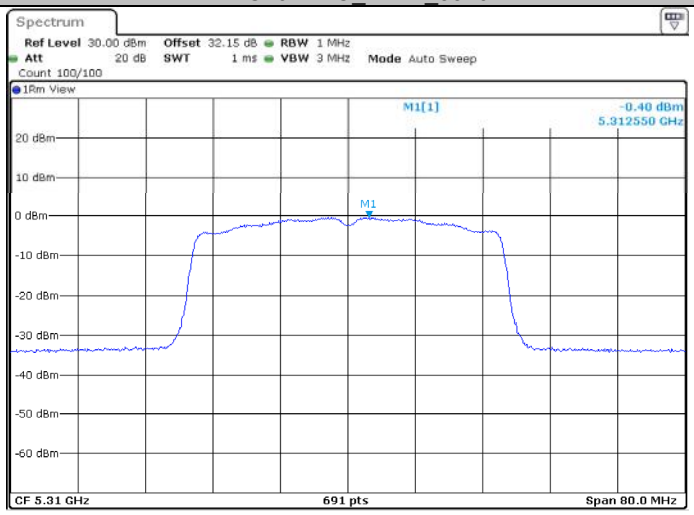

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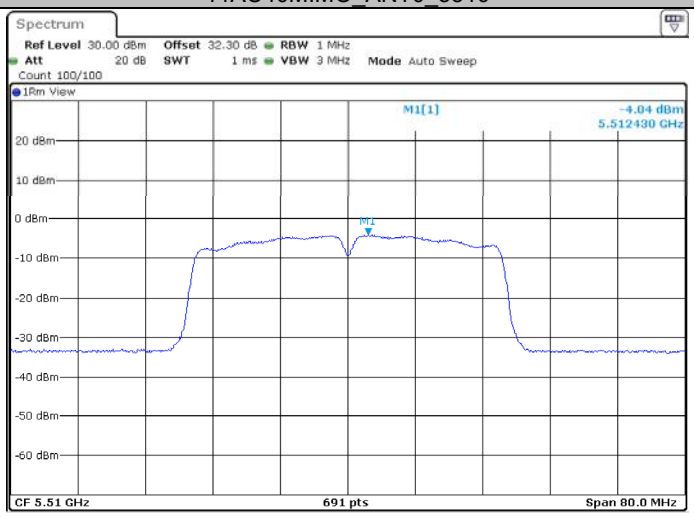

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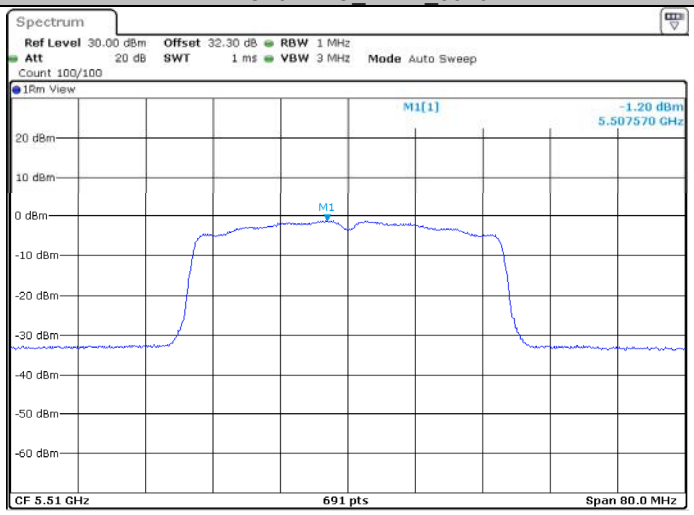

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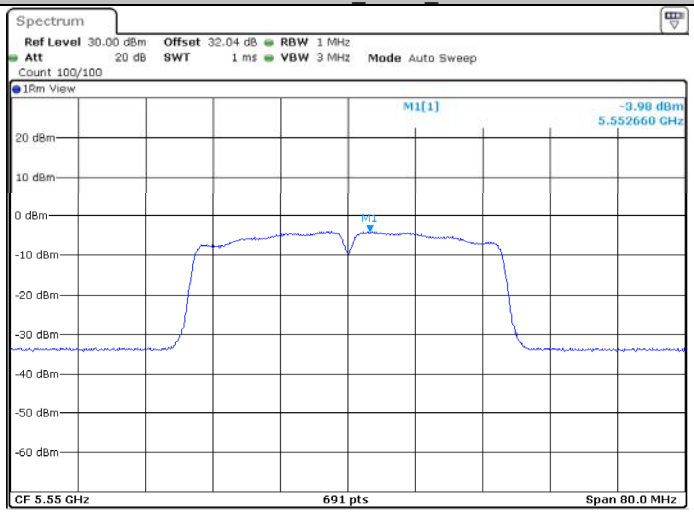

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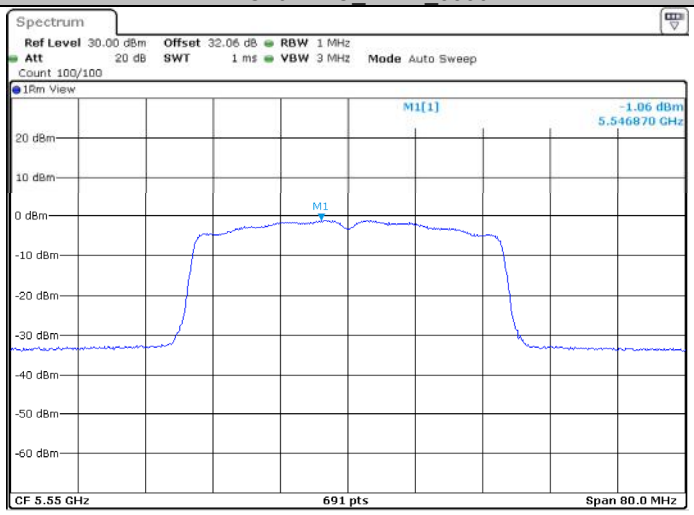

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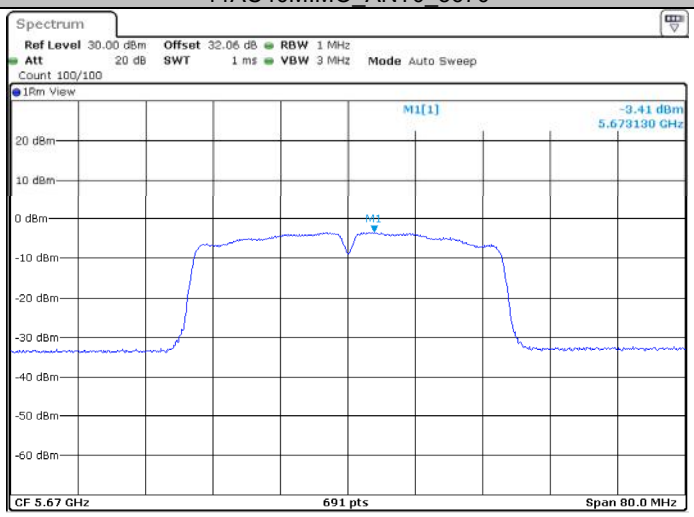

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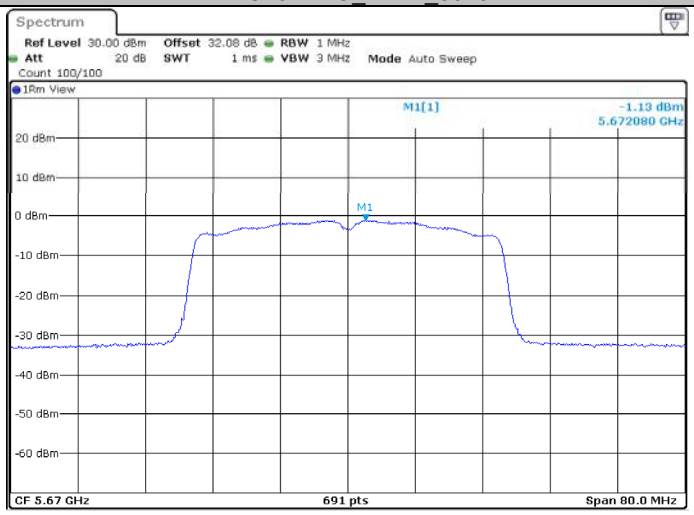

11AC40MIMO_ANT0_5710_UNII-2C

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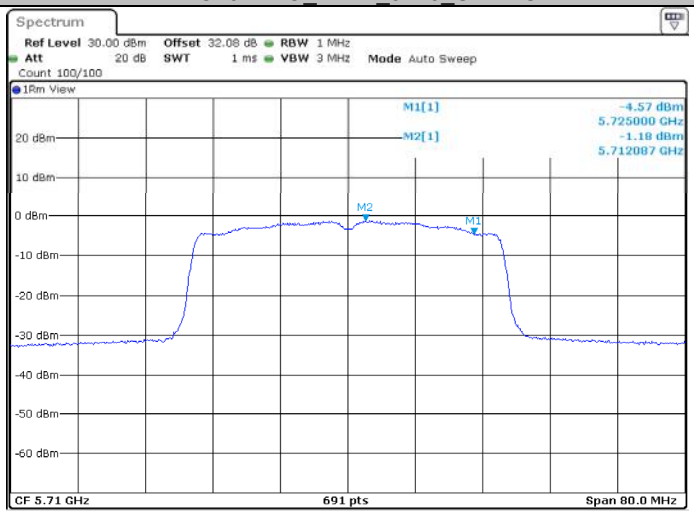

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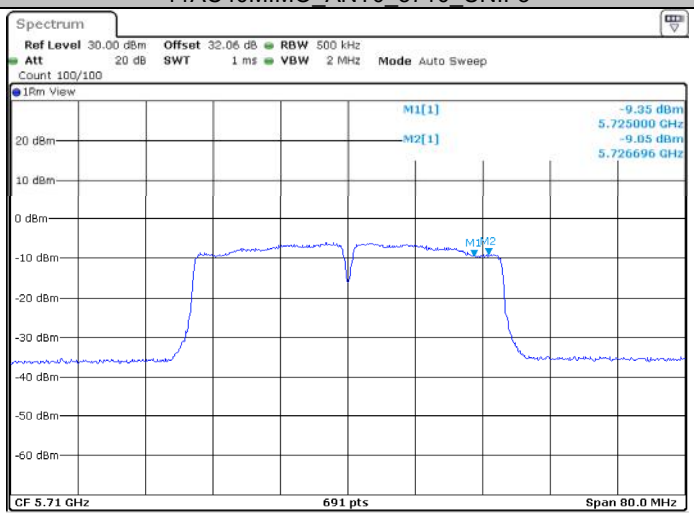

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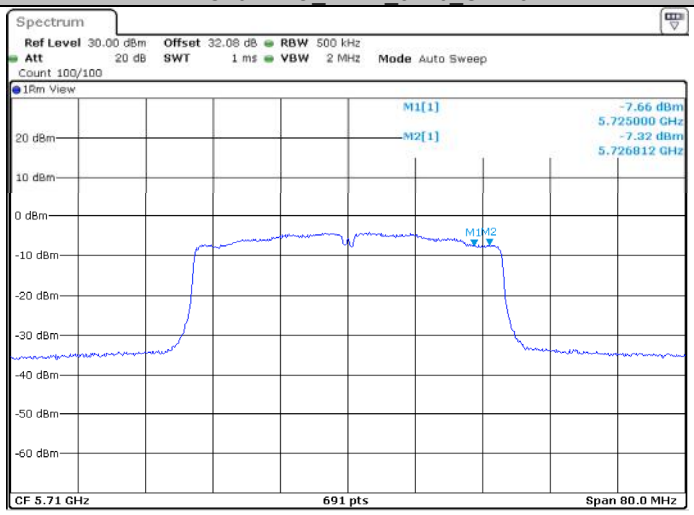

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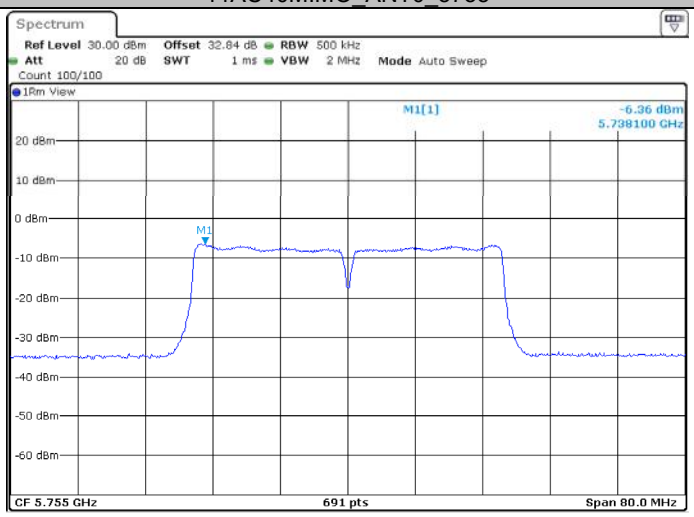

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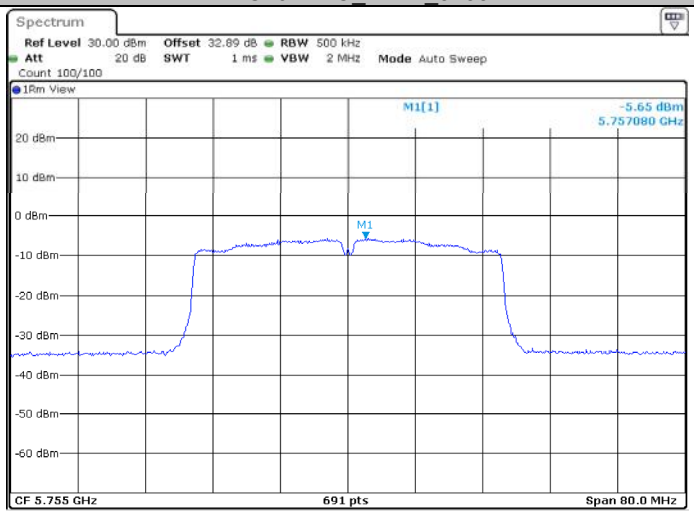

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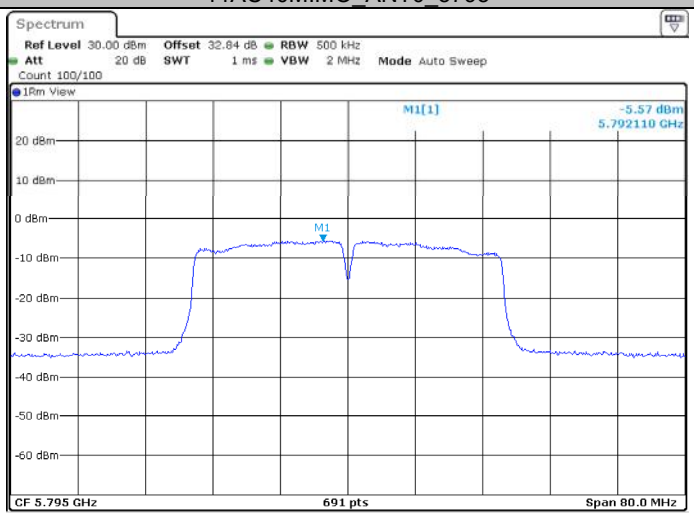

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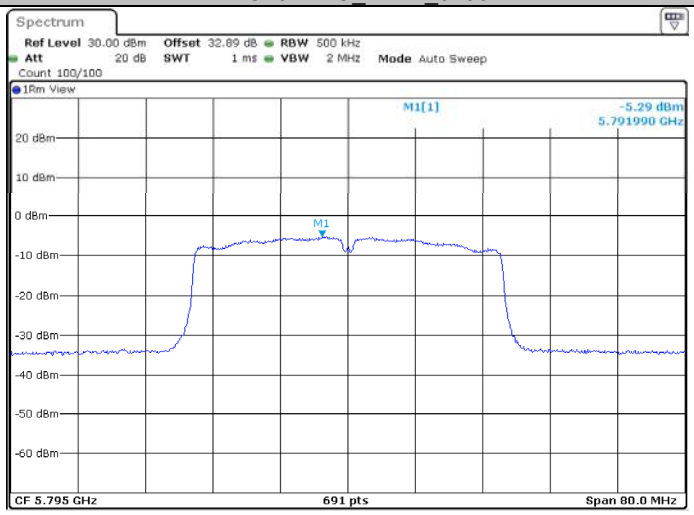

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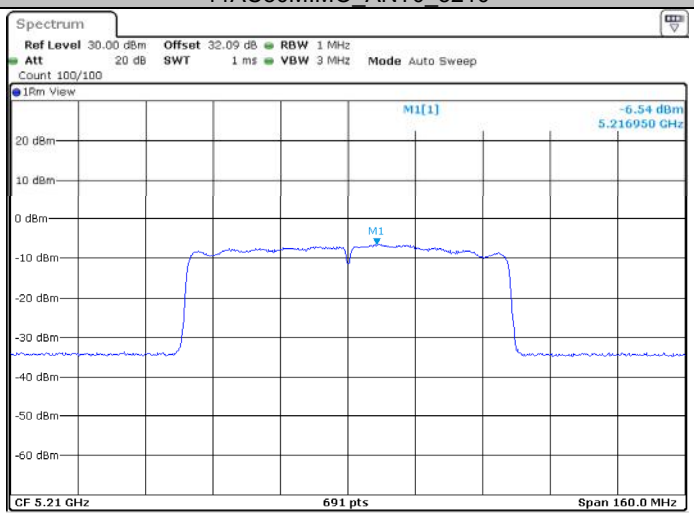

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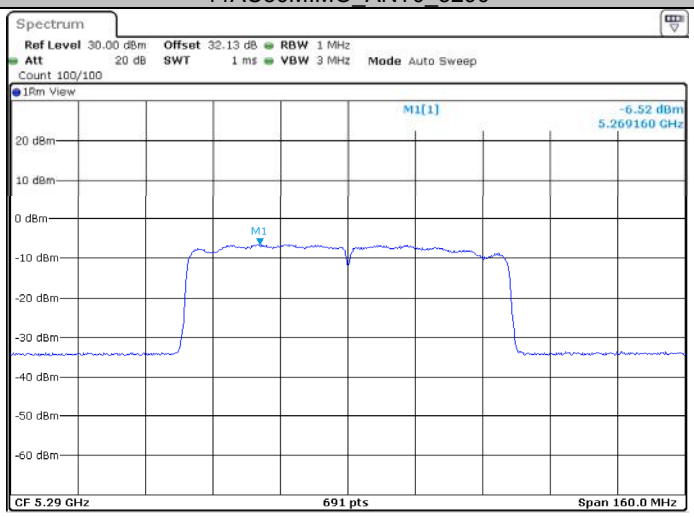

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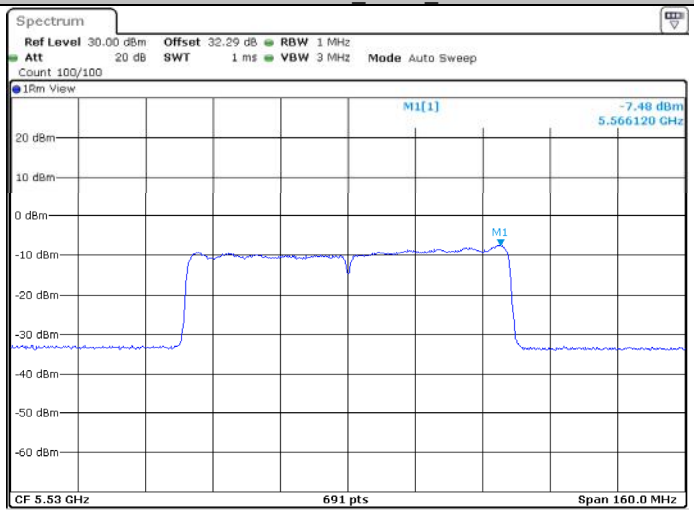

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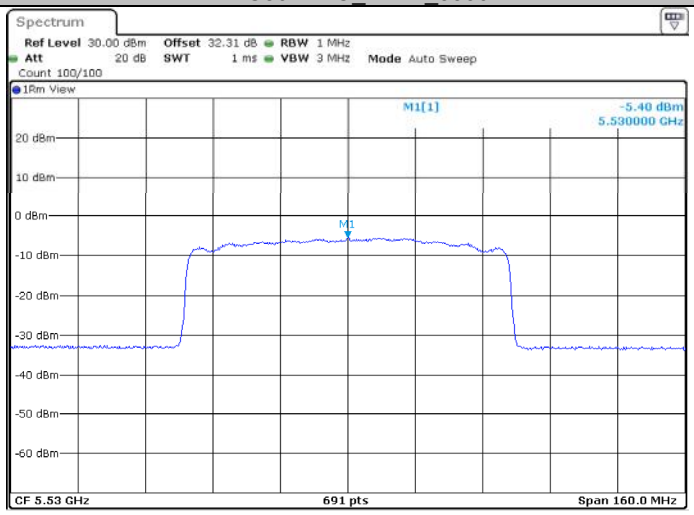

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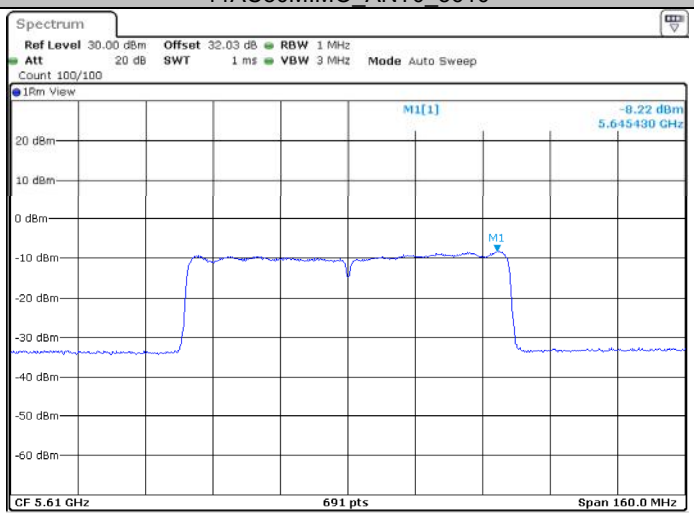

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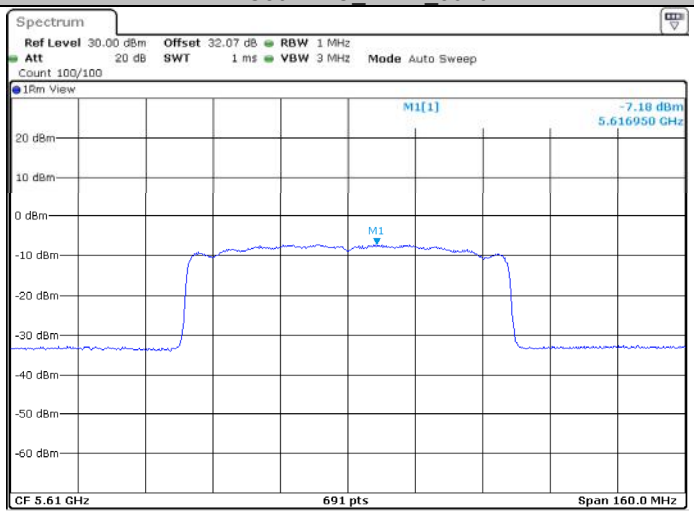

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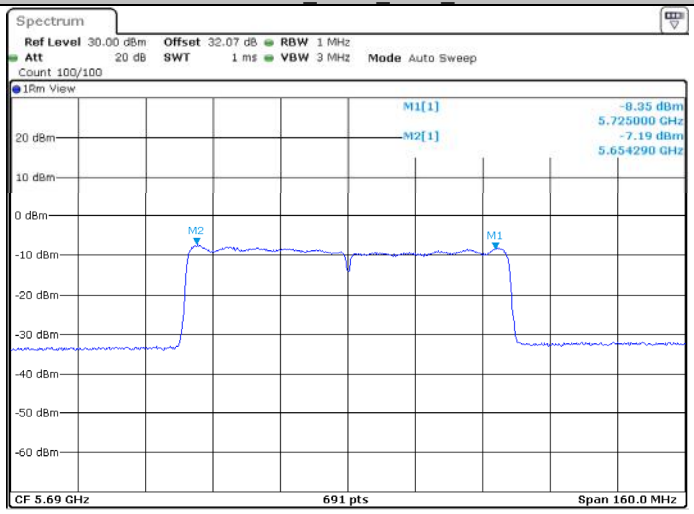

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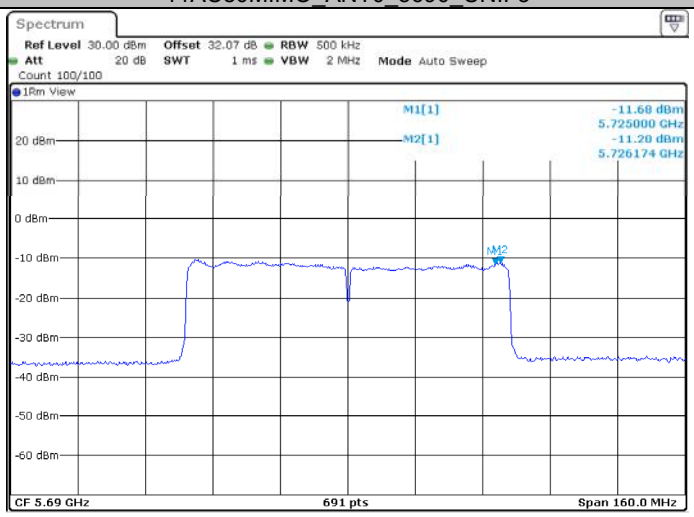
11AC80MIMO_ANT1_5690_UNII-2C

ProjectNo.:2401Y48404E-RFTester:Lee.LI
Date: 31.OCT.2024 06:54:13

11AC80MIMO_ANT0_5690_UNII-3



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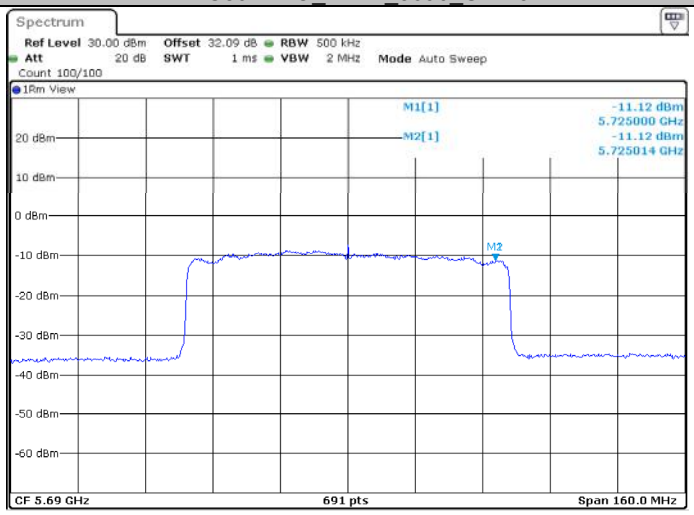

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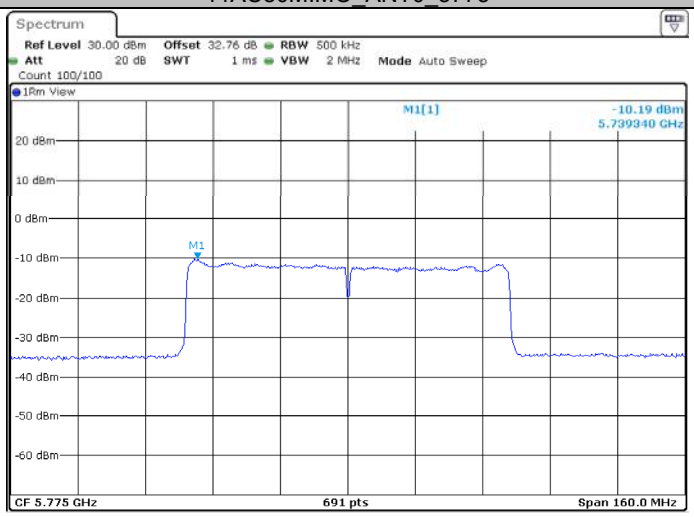

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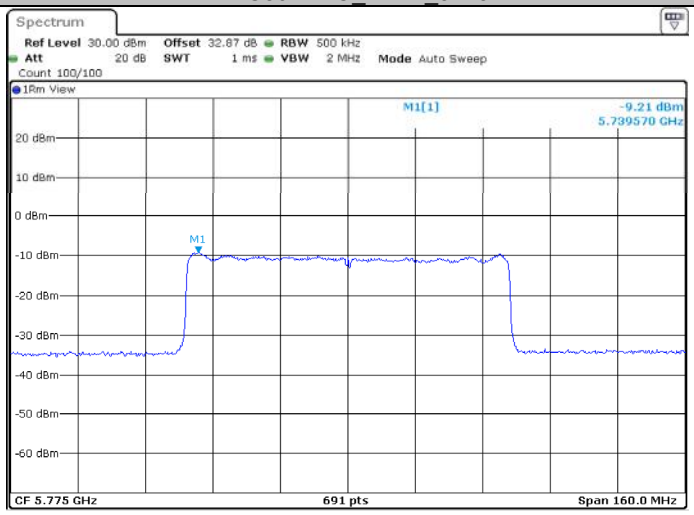

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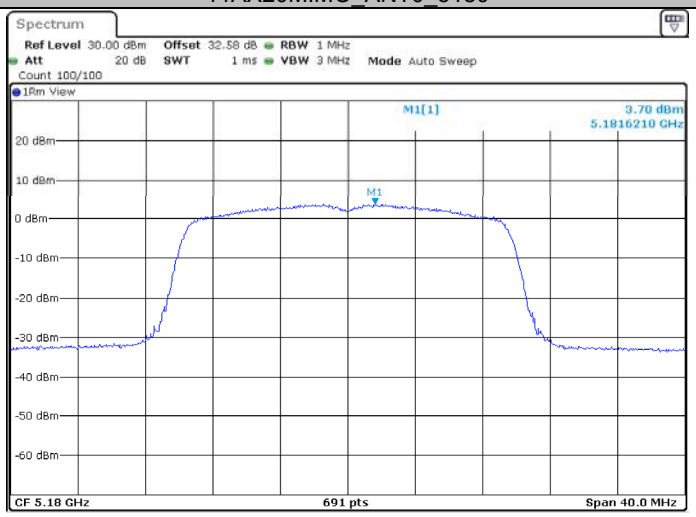

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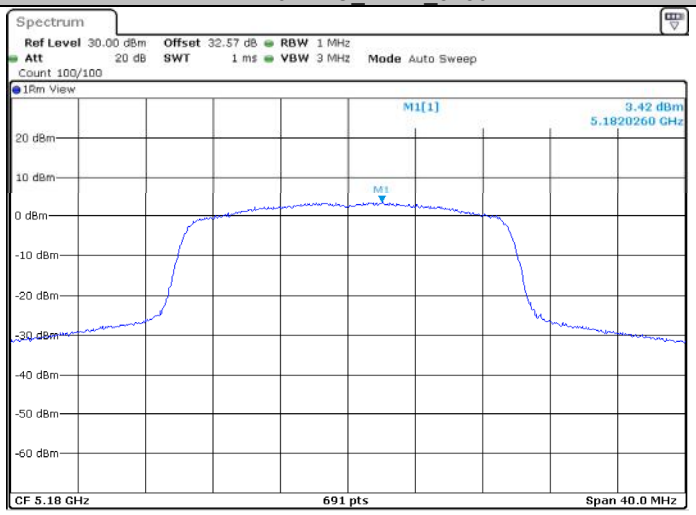

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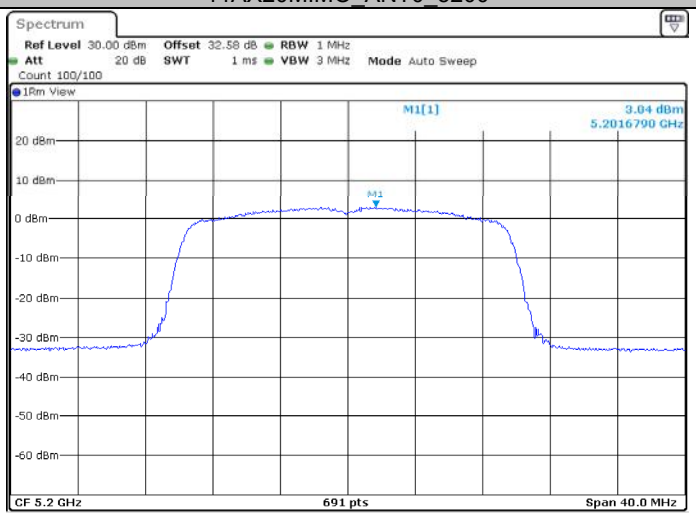

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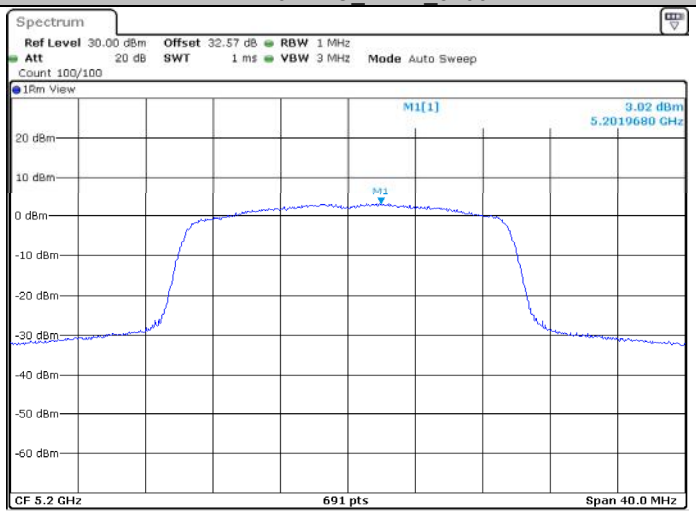

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11AX20MIMO_ANT0_5260

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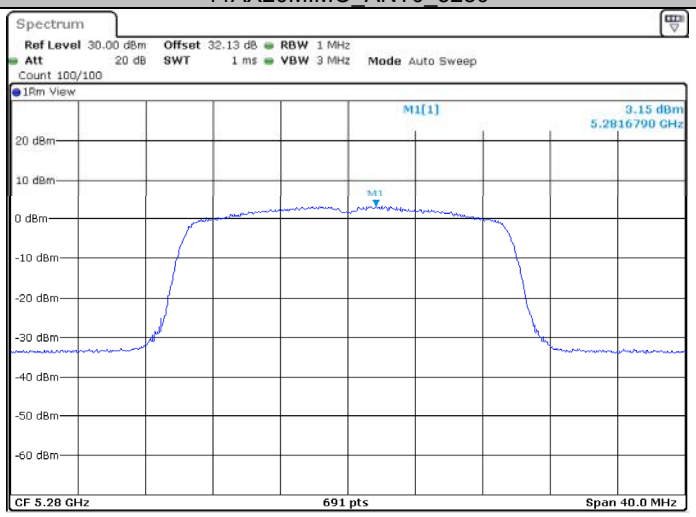
11AX20MIMO_ANT0_5280



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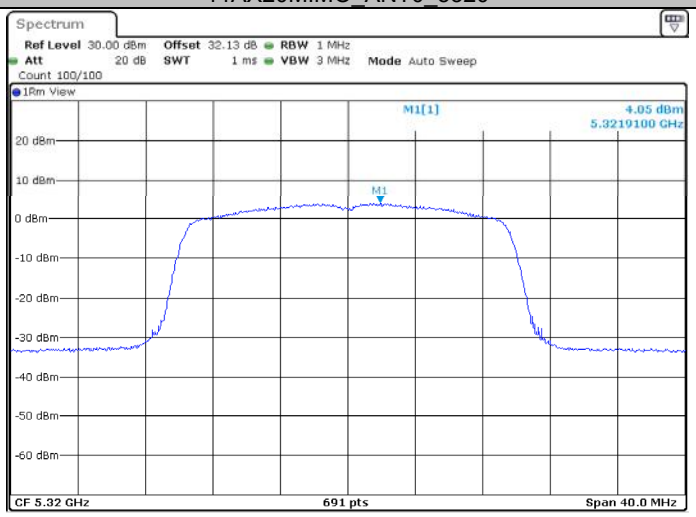

ProjectNo.:2401Y48404E-RFTester:Tom Tan
Date: 7.NOV.2024 00:20:36

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ProjectNo.:2401Y48404E-RFTester:Tom Tan
Date: 7.NOV.2024 00:20:57

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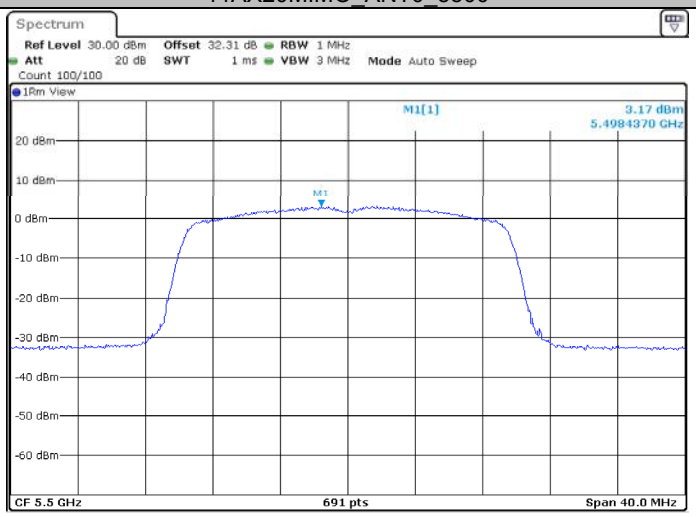

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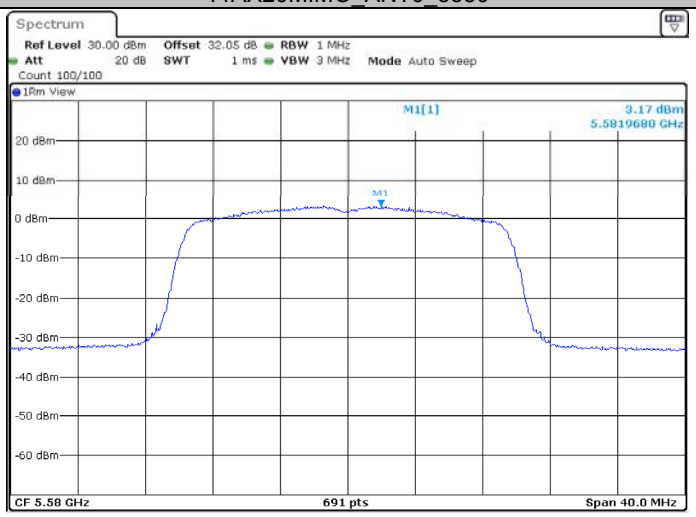

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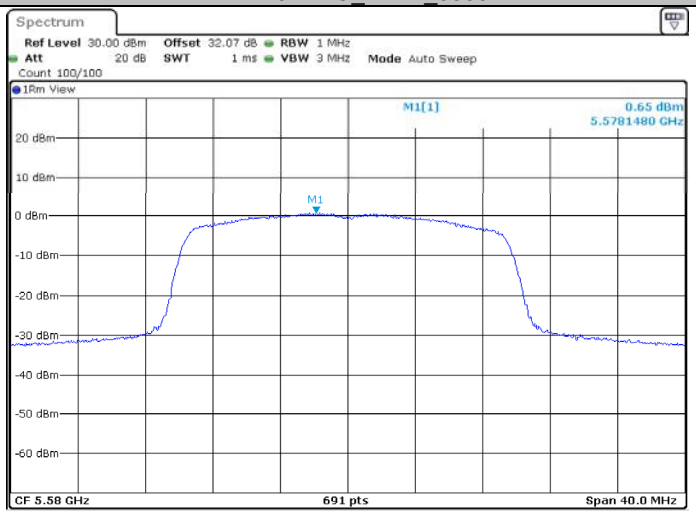

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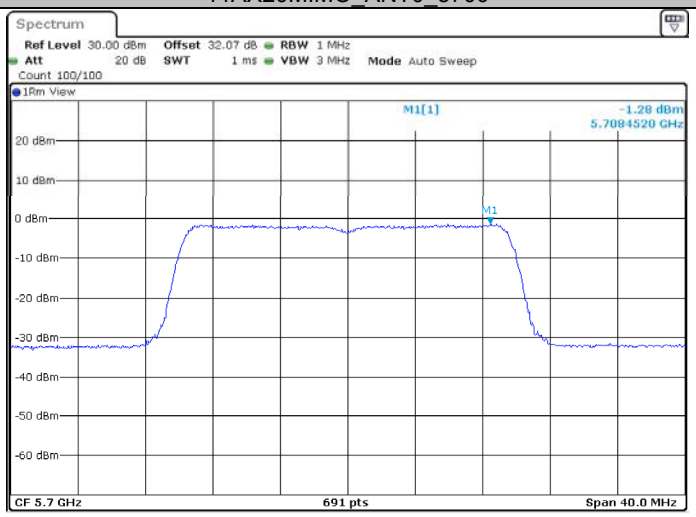

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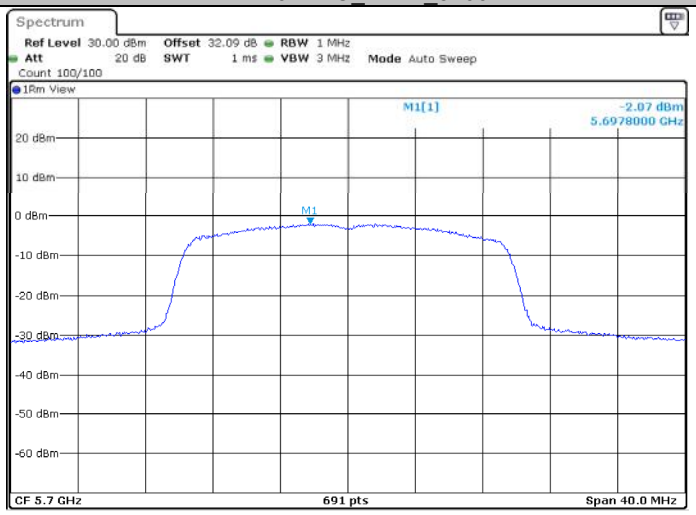

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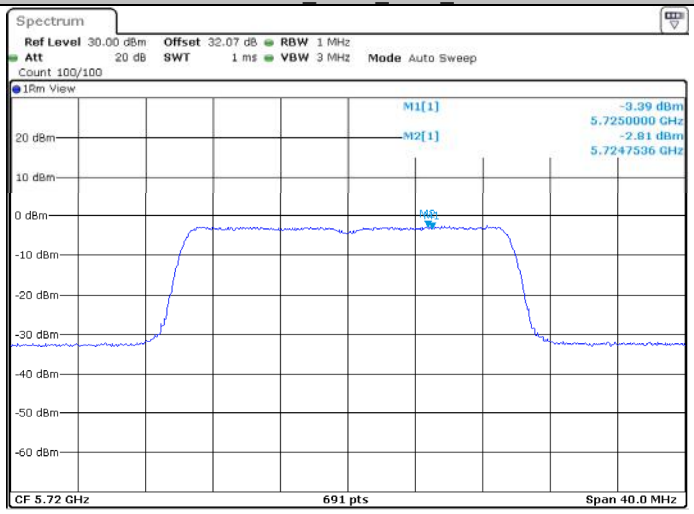

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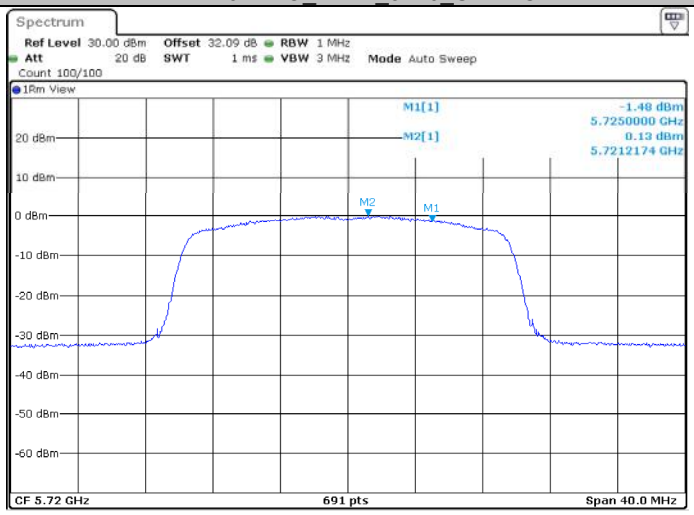

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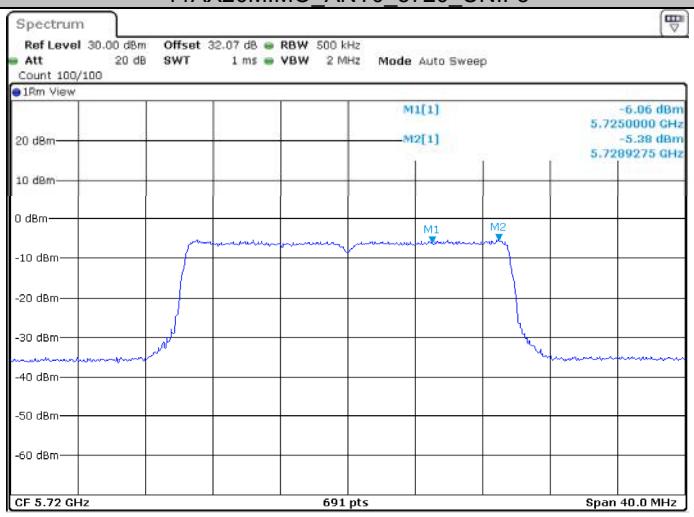

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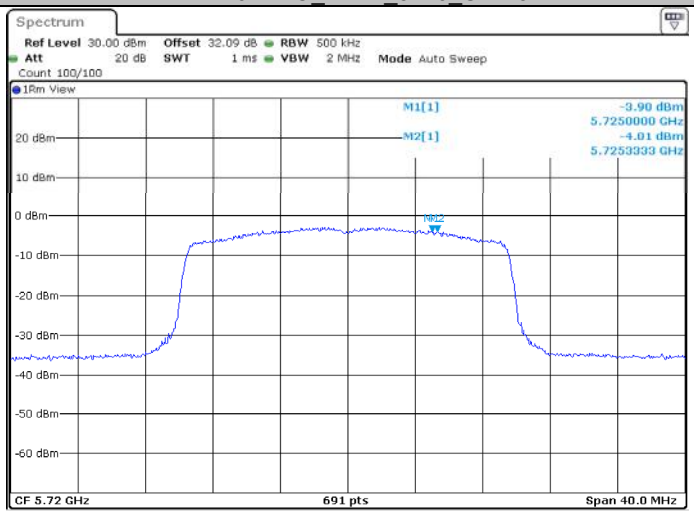

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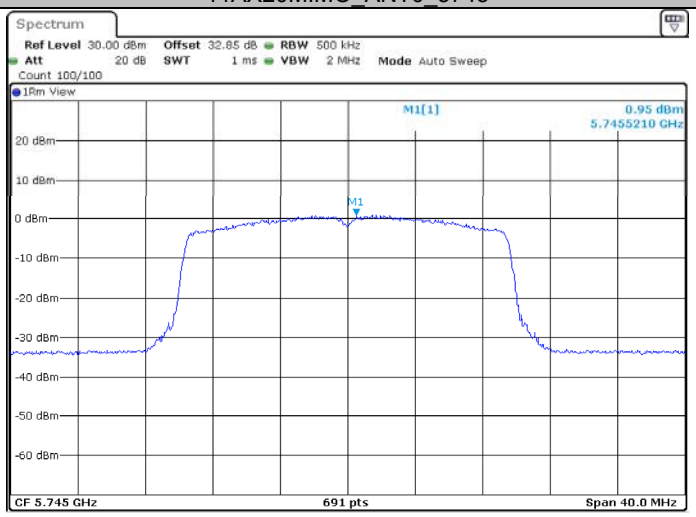

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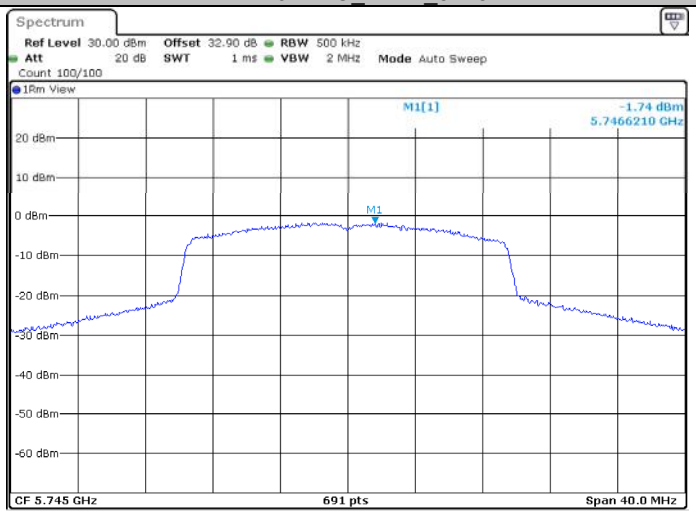

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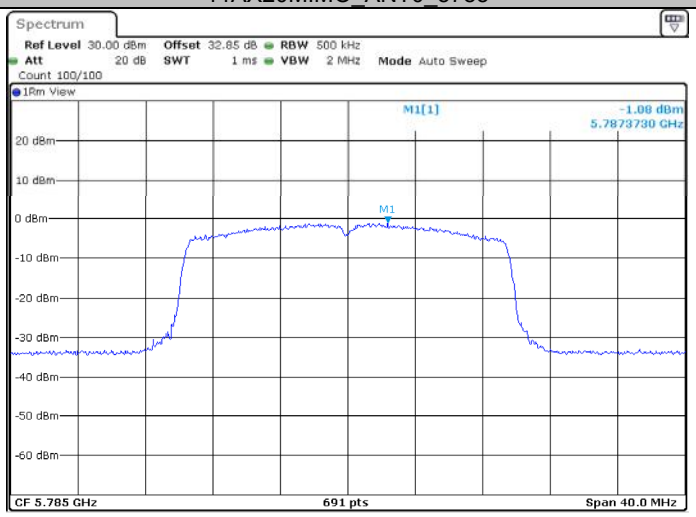

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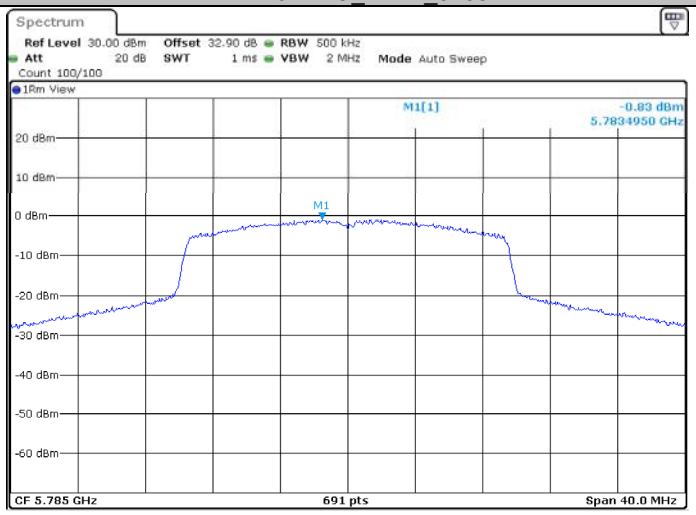

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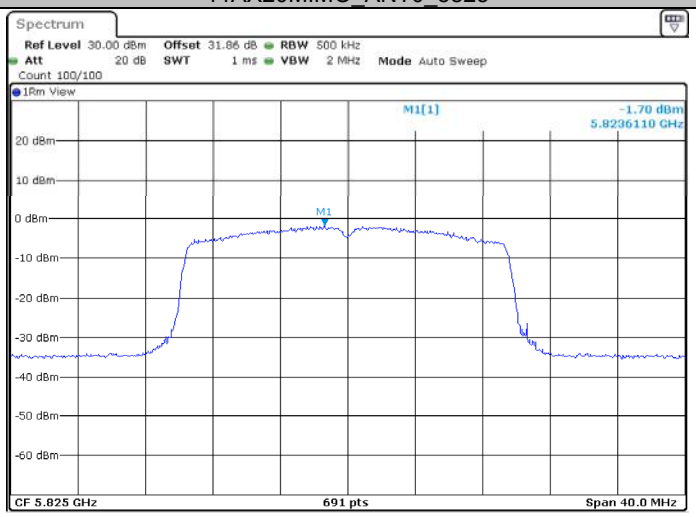

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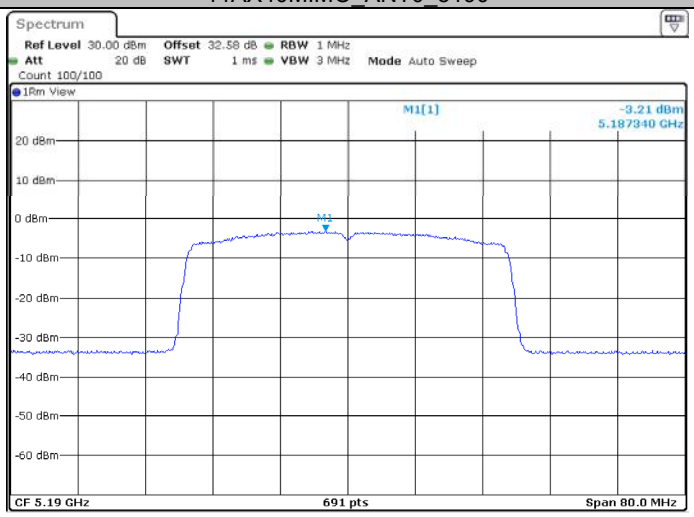

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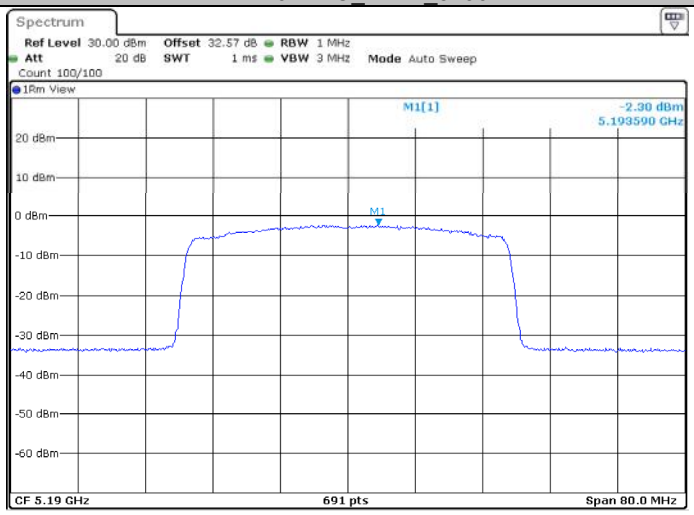

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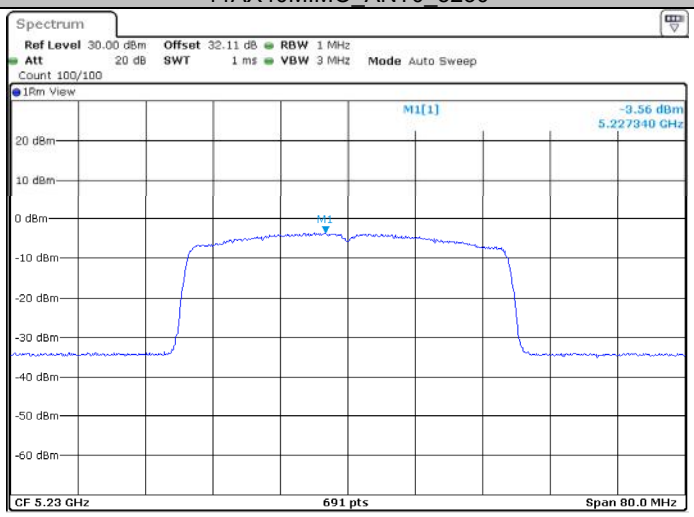

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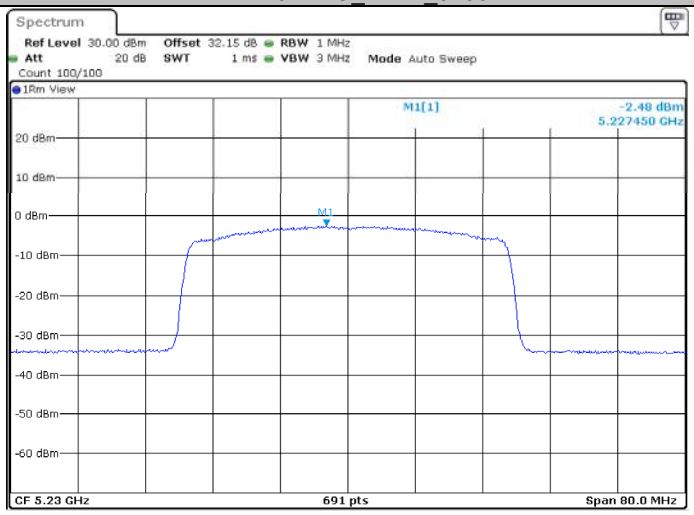

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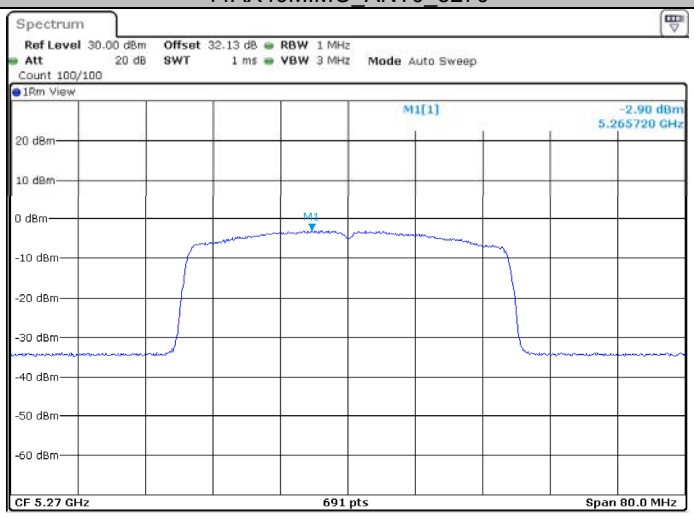

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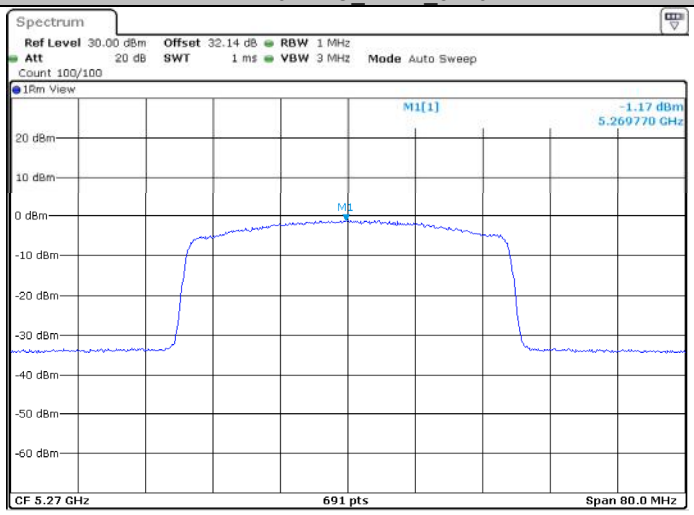

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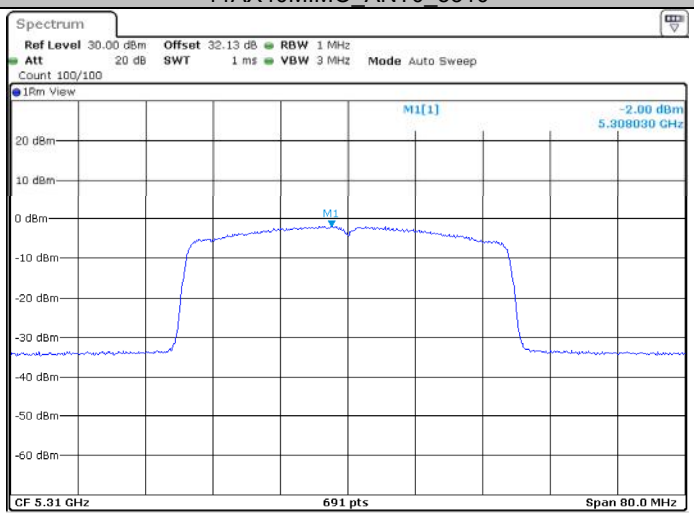

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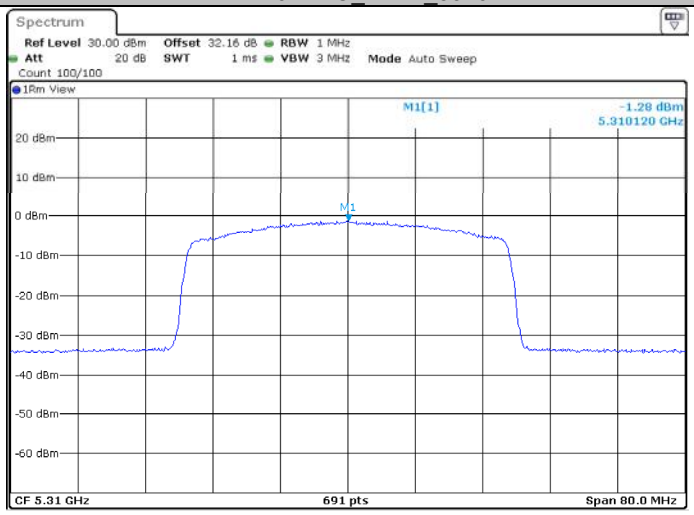

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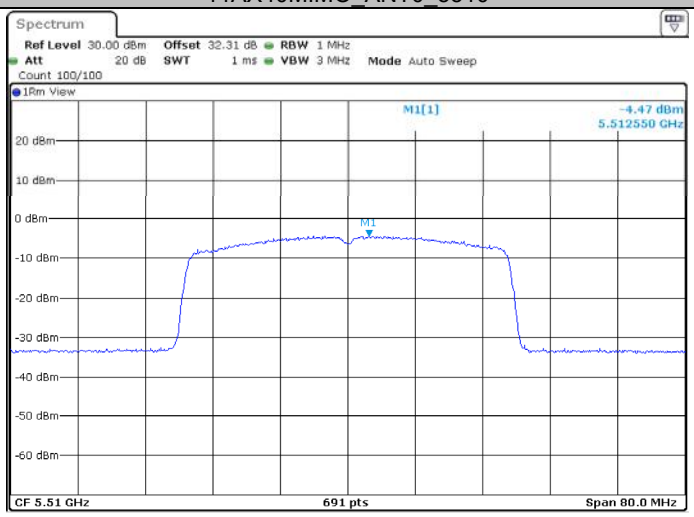

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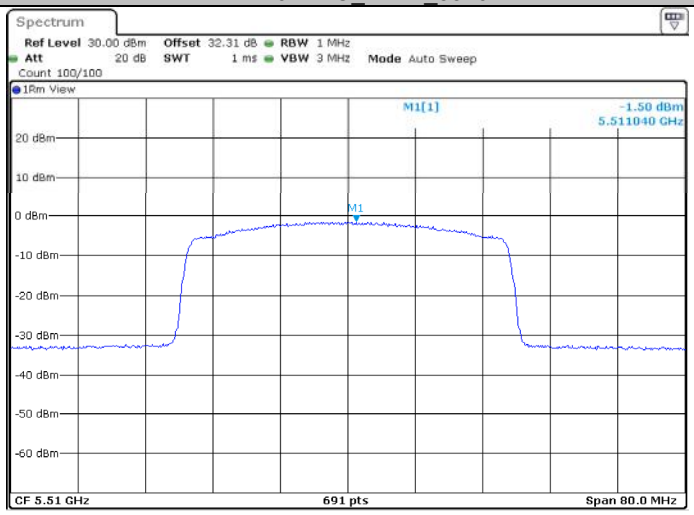

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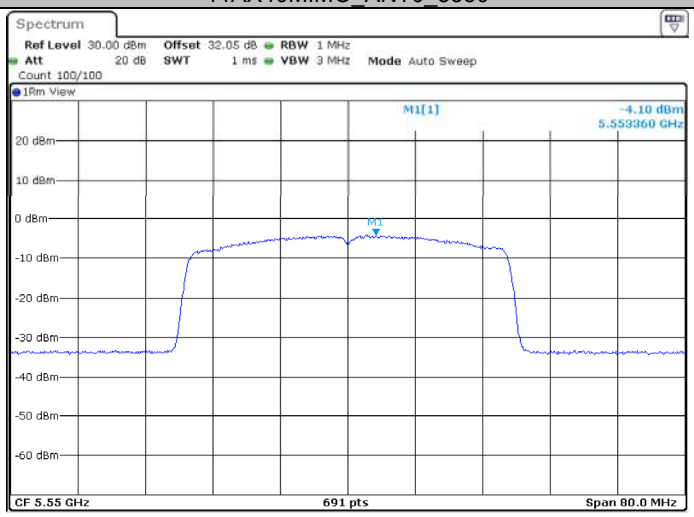

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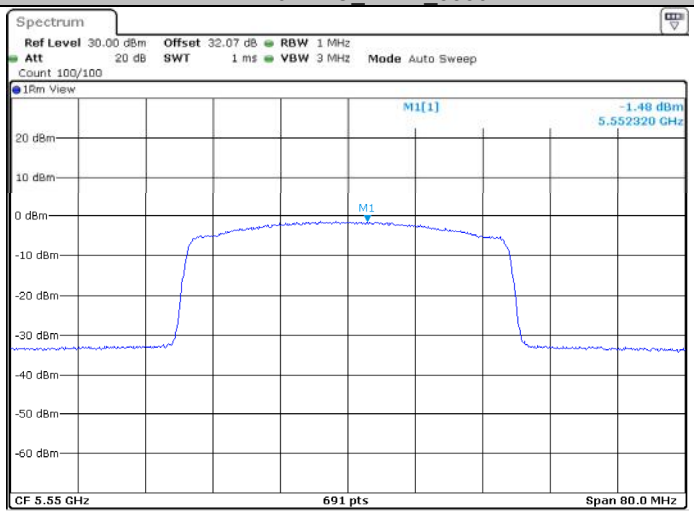

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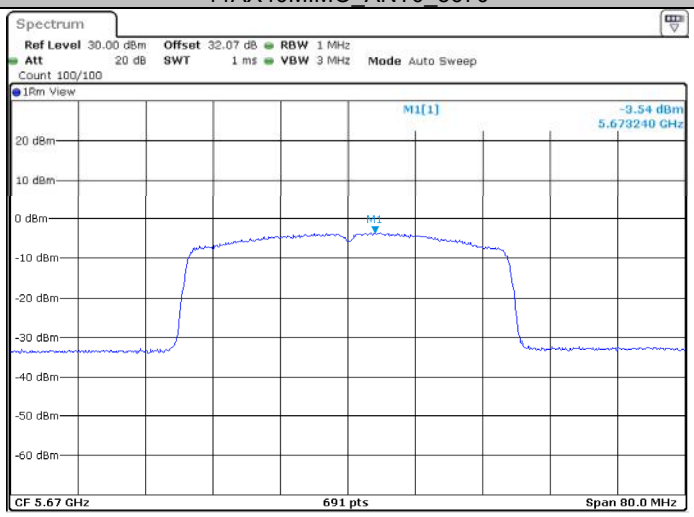

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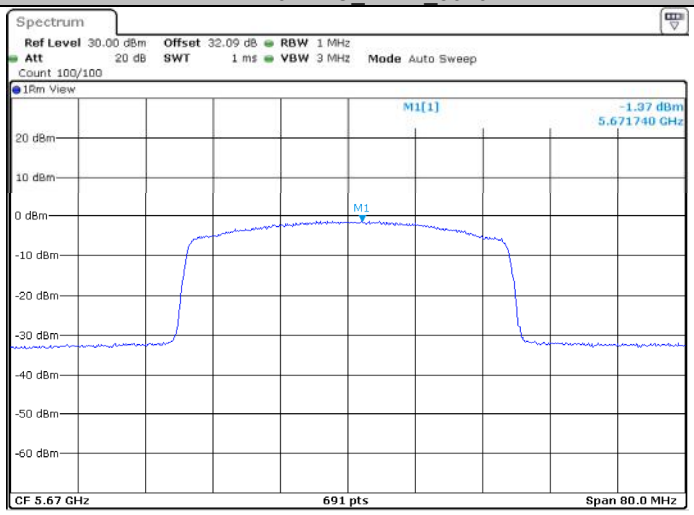

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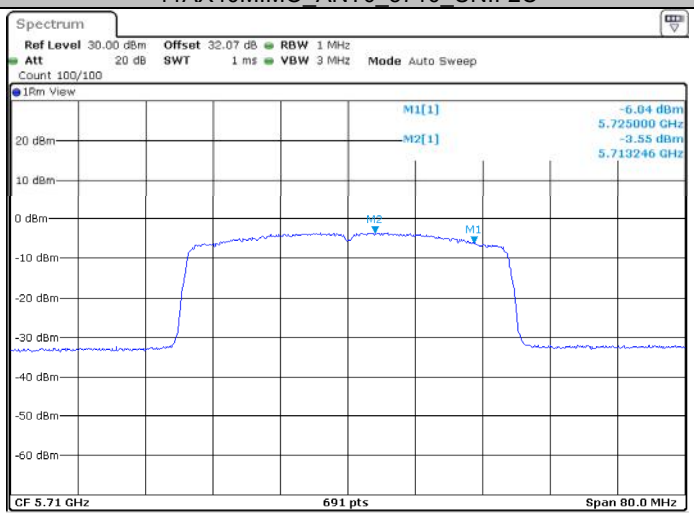

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Date: 31.OCT.2024 07:56:16

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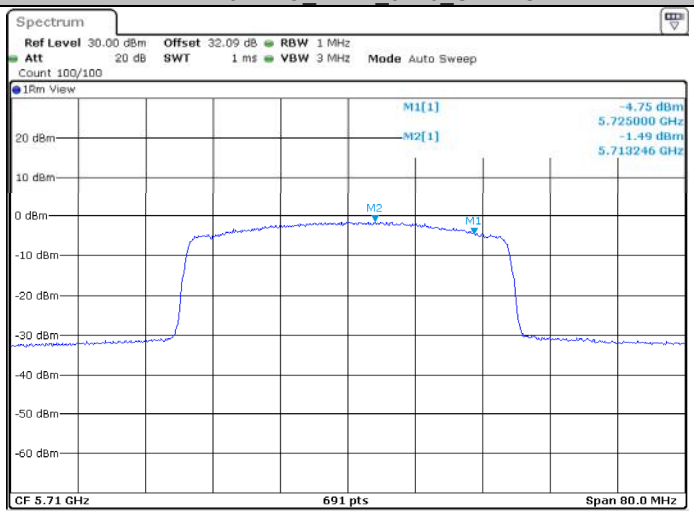

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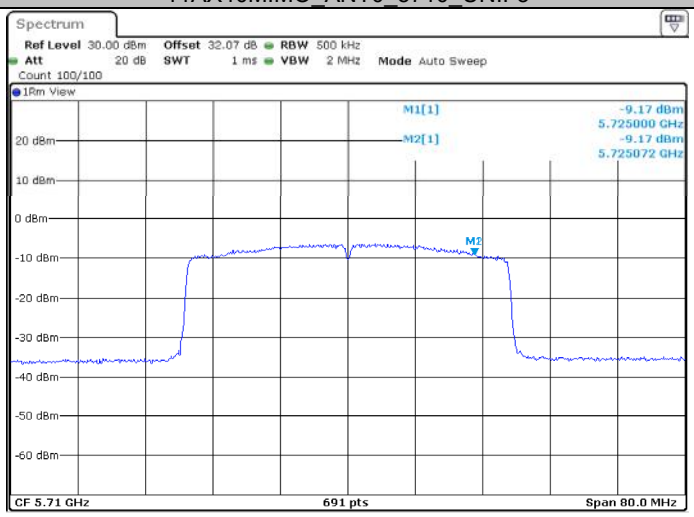

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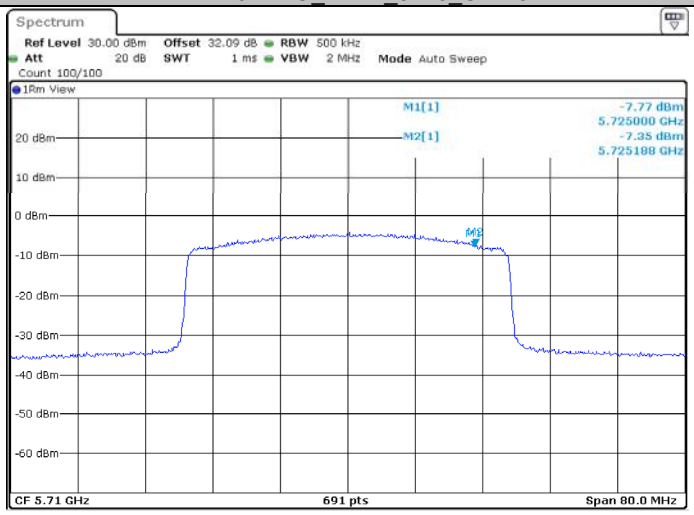

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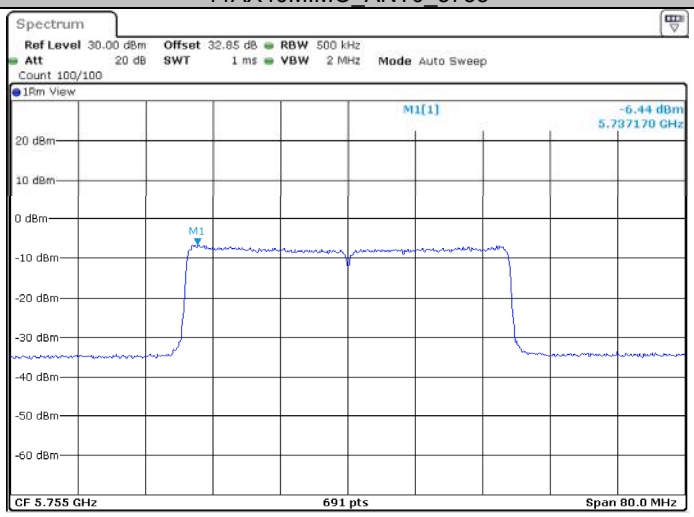

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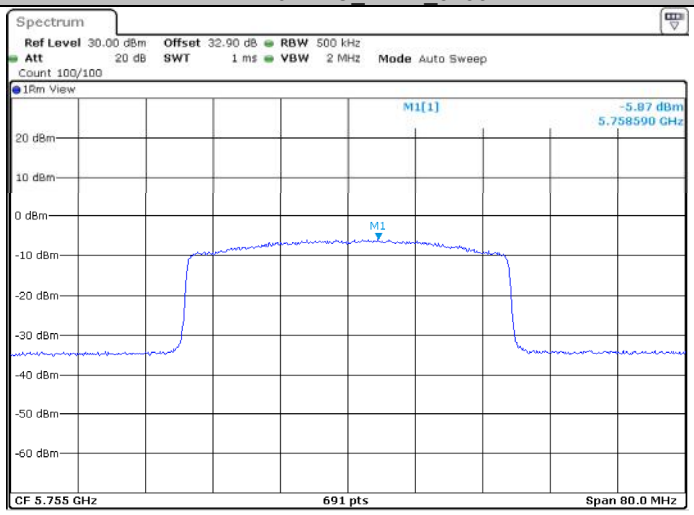

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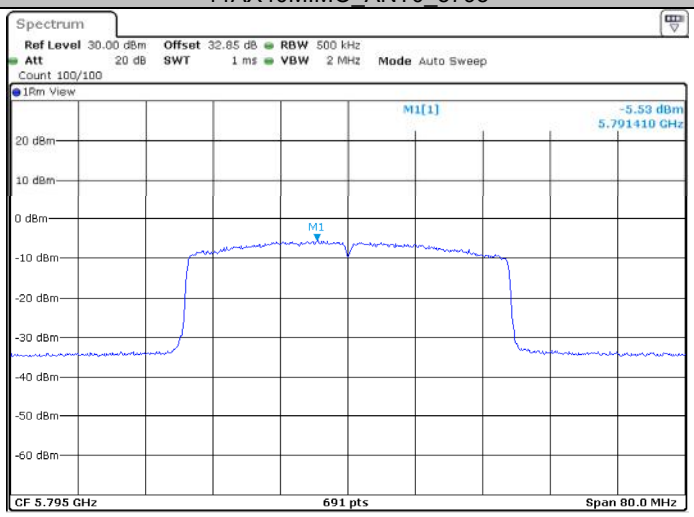

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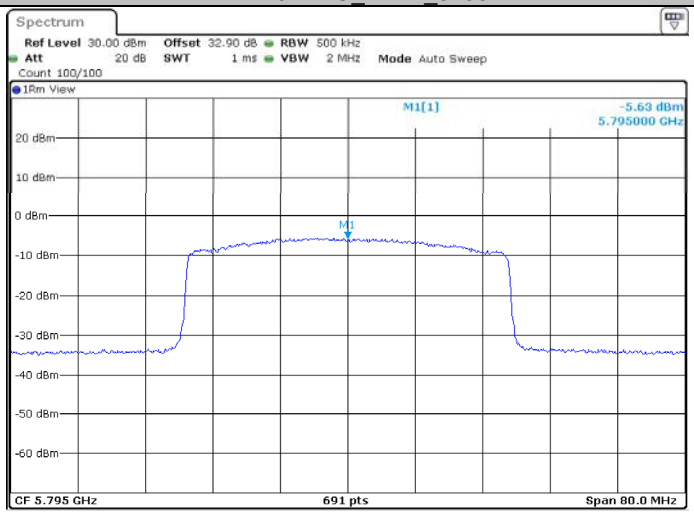

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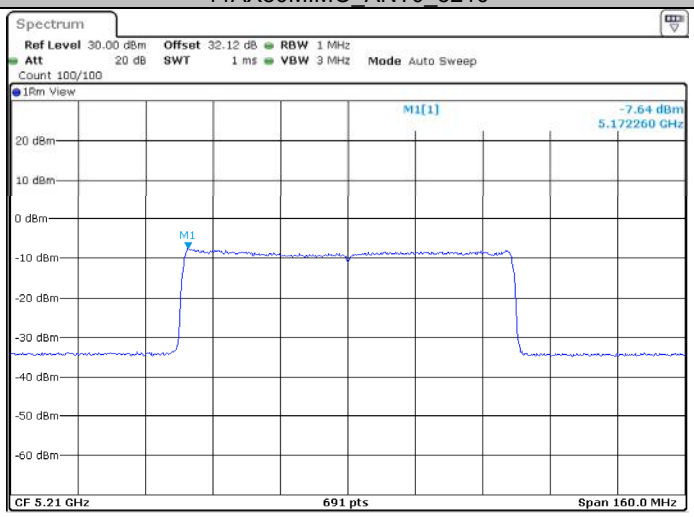

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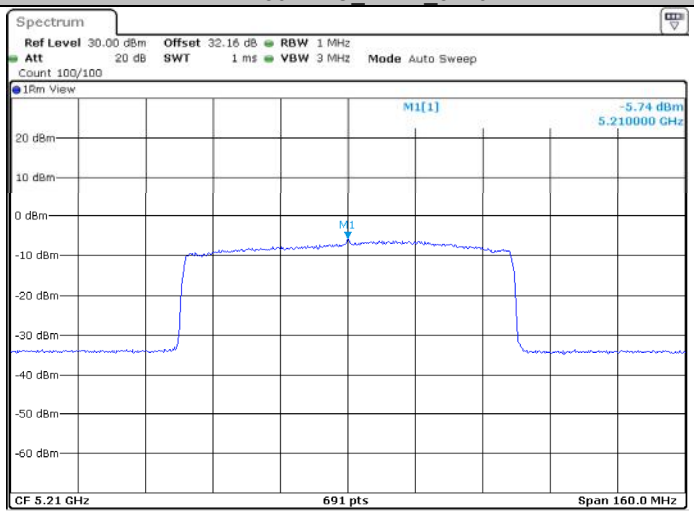

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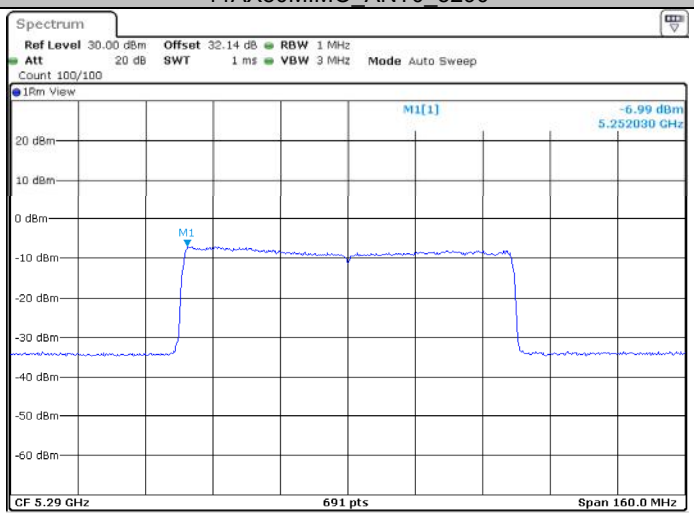

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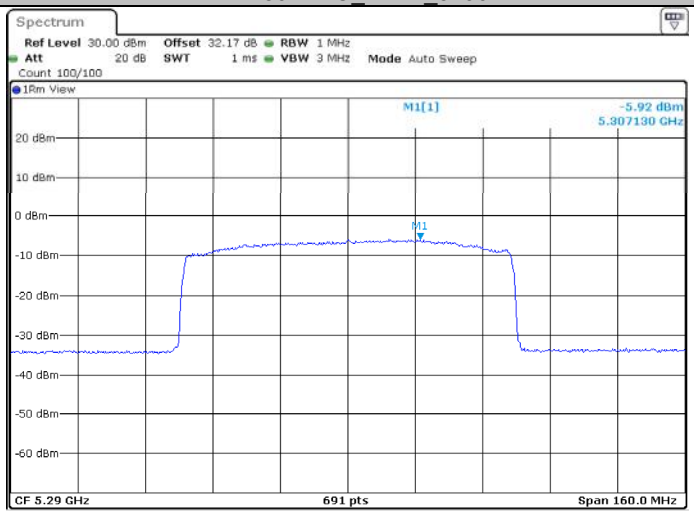

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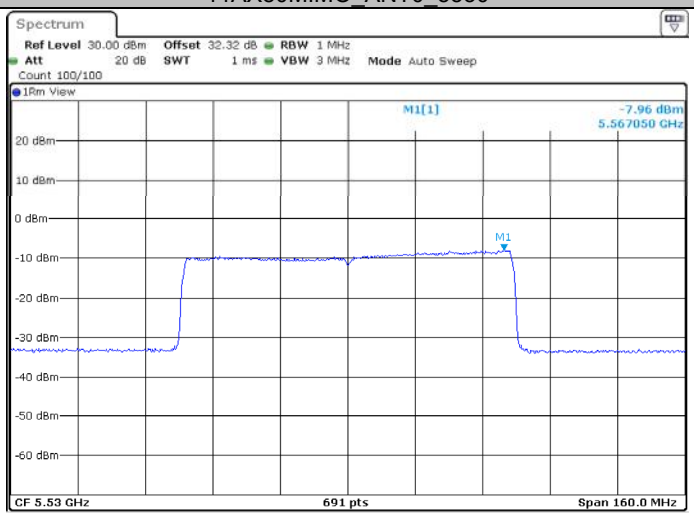

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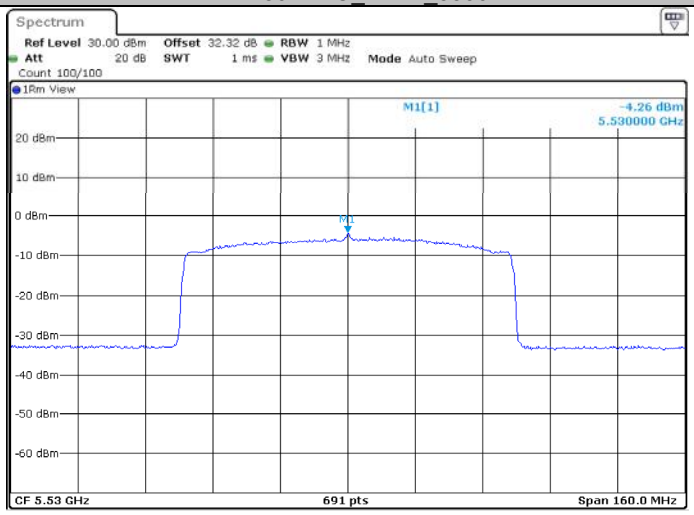

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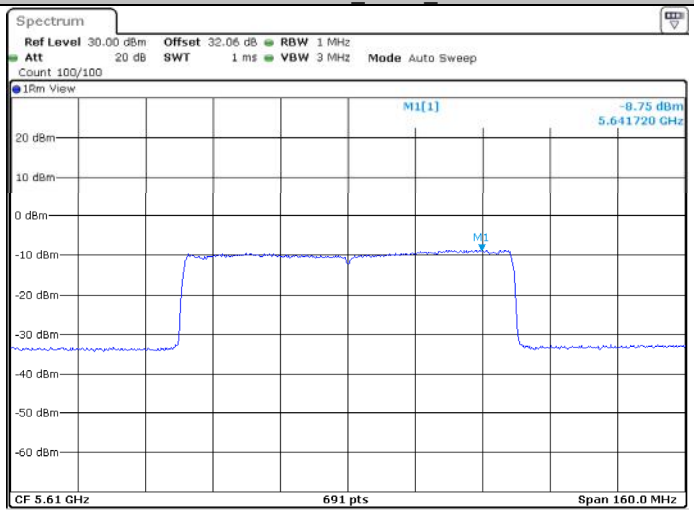

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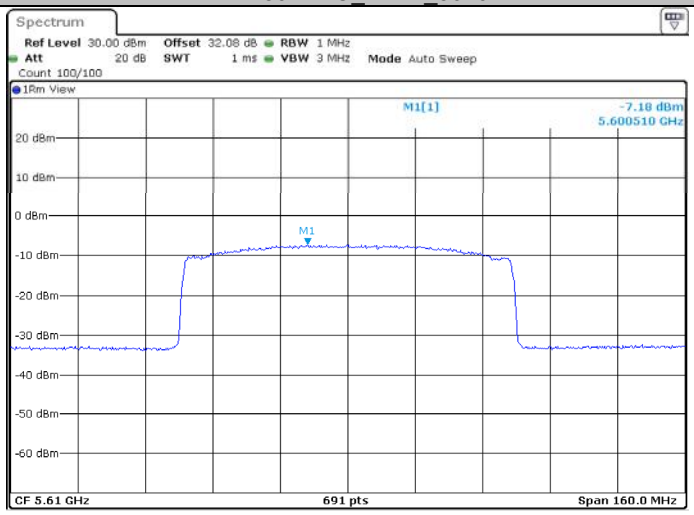

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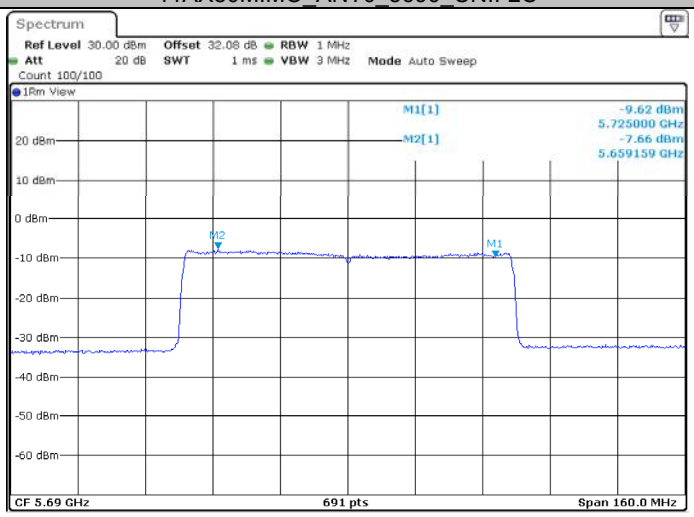

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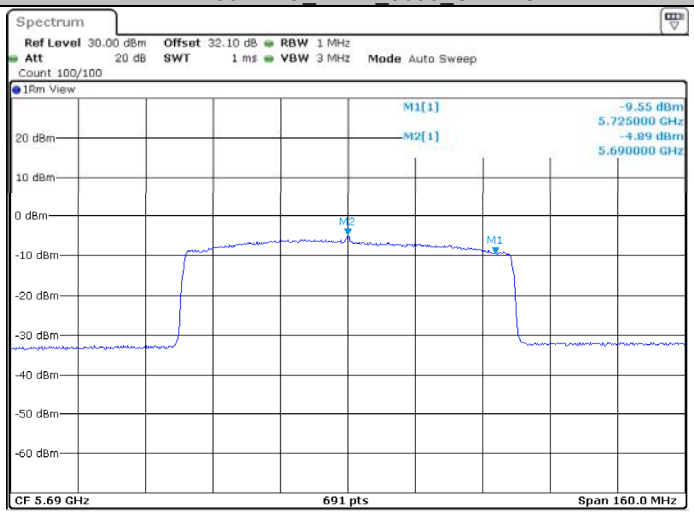

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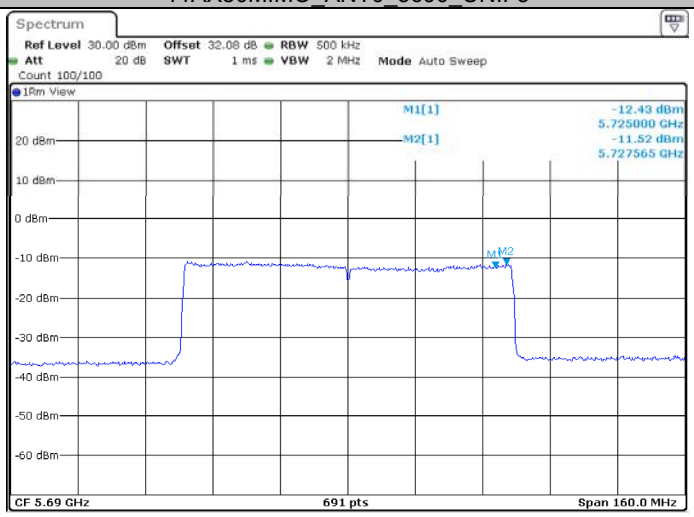

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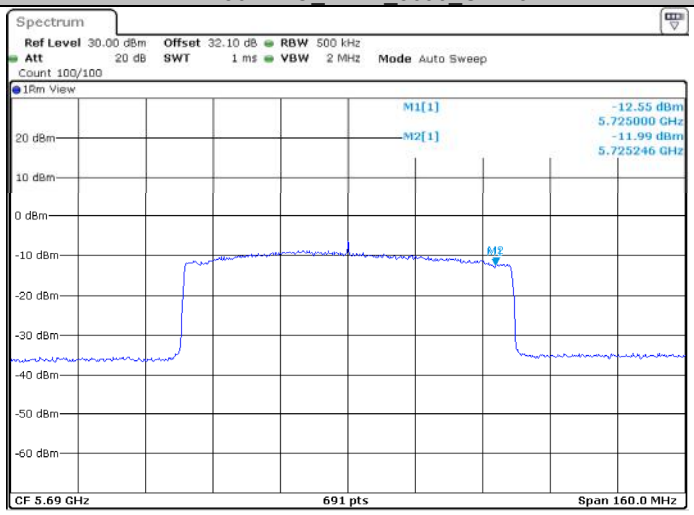

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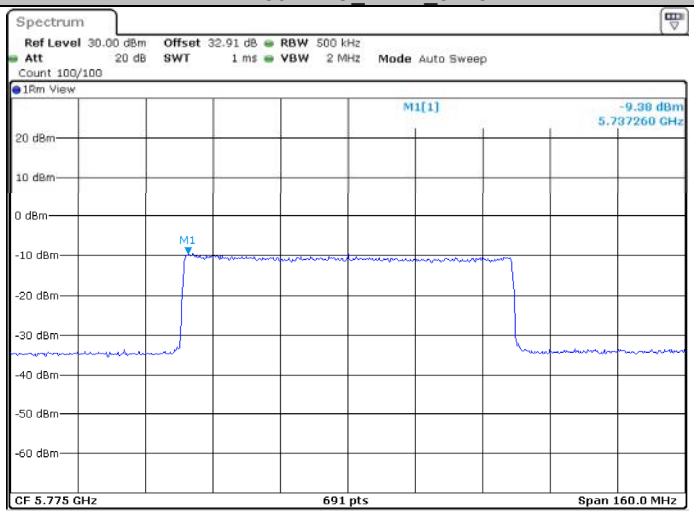

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