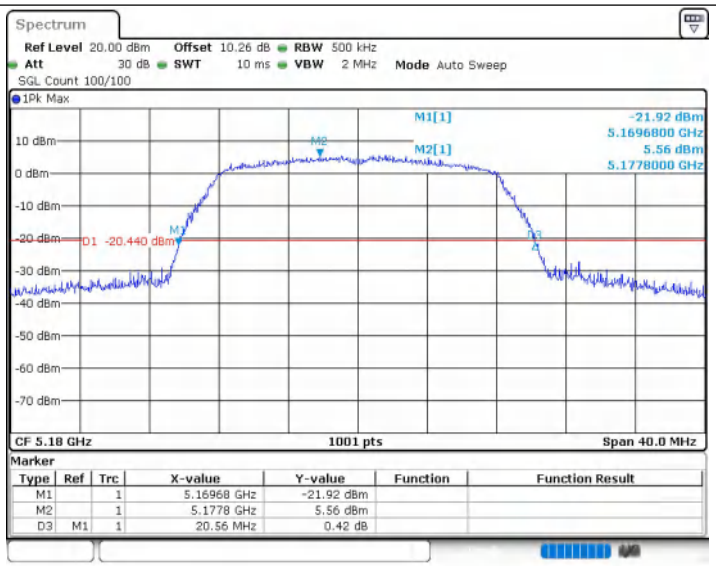
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.56	5169.68	5190.24	---	---
	Ant2	5180	20.48	5169.72	5190.20	---	---
	Ant1	5220	20.48	5209.76	5230.24	---	---
	Ant2	5220	20.44	5209.76	5230.20	---	---
	Ant1	5240	20.52	5229.80	5250.32	---	---
	Ant2	5240	20.64	5229.72	5250.36	---	---
	Ant1	5745	20.44	5734.84	5755.28	---	---
	Ant2	5745	20.48	5734.80	5755.28	---	---
	Ant1	5785	20.48	5774.68	5795.16	---	---
	Ant2	5785	20.44	5774.72	5795.16	---	---
	Ant1	5825	20.52	5814.76	5835.28	---	---
	Ant2	5825	20.44	5814.76	5835.20	---	---
11N20MIMO	Ant1	5180	20.76	5169.60	5190.36	---	---
	Ant2	5180	20.60	5169.68	5190.28	---	---
	Ant1	5220	20.88	5209.44	5230.32	---	---
	Ant2	5220	20.56	5209.72	5230.28	---	---
	Ant1	5240	20.76	5229.60	5250.36	---	---
	Ant2	5240	20.76	5229.64	5250.40	---	---
	Ant1	5745	20.80	5734.64	5755.44	---	---
	Ant2	5745	20.44	5734.72	5755.16	---	---
	Ant1	5785	20.76	5774.64	5795.40	---	---
	Ant2	5785	20.48	5774.76	5795.24	---	---
	Ant1	5825	20.84	5814.56	5835.40	---	---
	Ant2	5825	20.56	5814.72	5835.28	---	---
11N40MIMO	Ant1	5190	41.52	5169.28	5210.80	---	---
	Ant2	5190	41.76	5169.12	5210.88	---	---
	Ant1	5230	41.44	5209.20	5250.64	---	---
	Ant2	5230	41.44	5209.20	5250.64	---	---
	Ant1	5755	41.76	5734.04	5775.80	---	---
	Ant2	5755	41.36	5734.28	5775.64	---	---
	Ant1	5795	41.76	5774.04	5815.80	---	---
	Ant2	5795	41.28	5774.28	5815.56	---	---
11AC20MIMO	Ant1	5180	20.80	5169.68	5190.48	---	---
	Ant2	5180	20.56	5169.76	5190.32	---	---
	Ant1	5220	20.96	5209.52	5230.48	---	---
	Ant2	5220	20.56	5209.76	5230.32	---	---
	Ant1	5240	20.88	5229.56	5250.44	---	---
	Ant2	5240	20.36	5229.84	5250.20	---	---
	Ant1	5745	20.76	5734.60	5755.36	---	---
	Ant2	5745	20.48	5734.72	5755.20	---	---
	Ant1	5785	20.72	5774.64	5795.36	---	---

	Ant2	5785	20.48	5774.76	5795.24	---	---
	Ant1	5825	20.84	5814.60	5835.44	---	---
	Ant2	5825	20.56	5814.80	5835.36	---	---
11AC40MIMO	Ant1	5190	41.84	5169.04	5210.88	---	---
	Ant2	5190	41.28	5169.52	5210.80	---	---
	Ant1	5230	41.76	5209.04	5250.80	---	---
	Ant2	5230	41.52	5209.28	5250.80	---	---
	Ant1	5755	41.52	5734.20	5775.72	---	---
	Ant2	5755	41.20	5734.44	5775.64	---	---
	Ant1	5795	41.44	5774.20	5815.64	---	---
	Ant2	5795	41.28	5774.36	5815.64	---	---
11AC80MIMO	Ant1	5210	82.24	5168.88	5251.12	---	---
	Ant2	5210	81.76	5169.20	5250.96	---	---
	Ant1	5775	81.92	5734.04	5815.96	---	---
	Ant2	5775	81.60	5734.20	5815.80	---	---

Test Graphs



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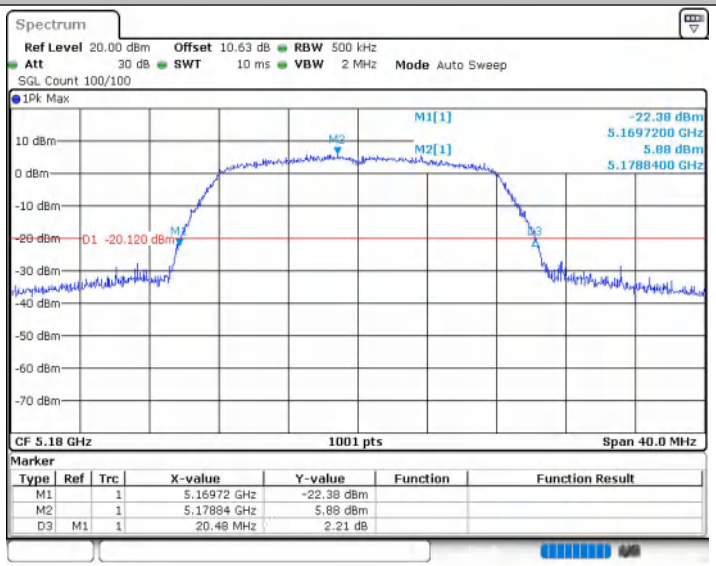

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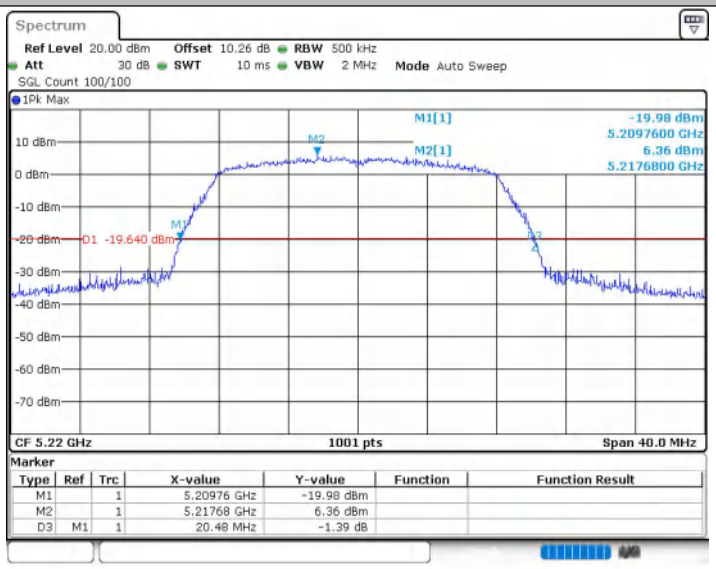

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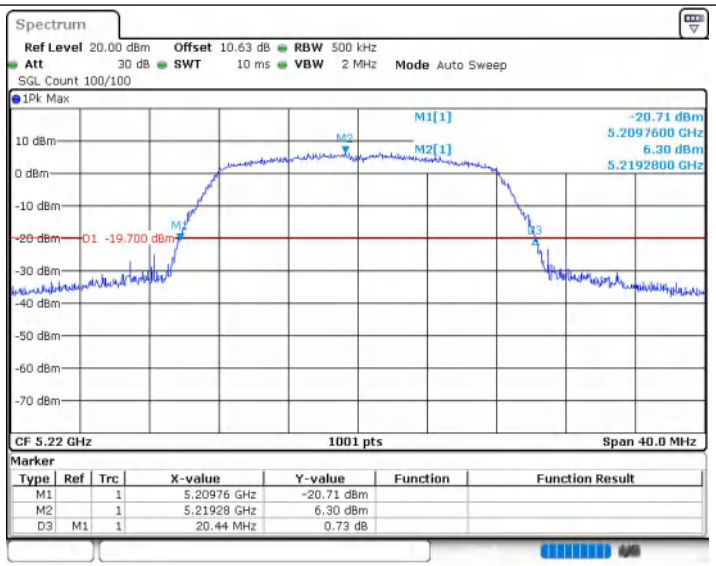

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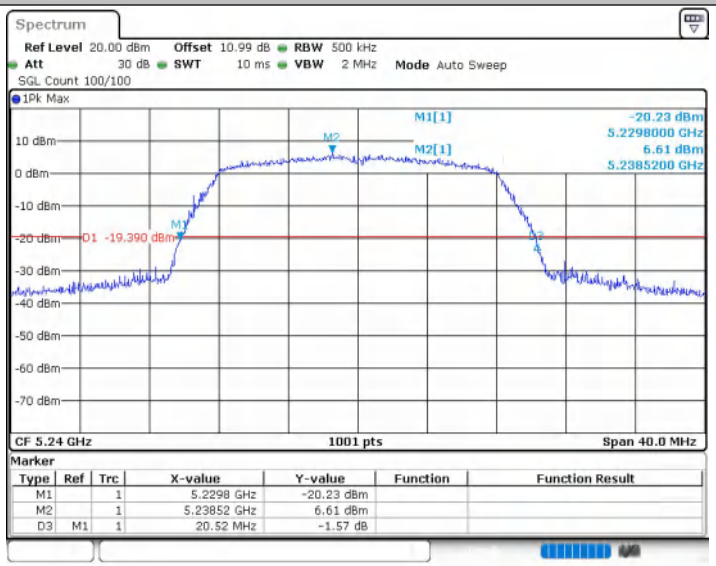

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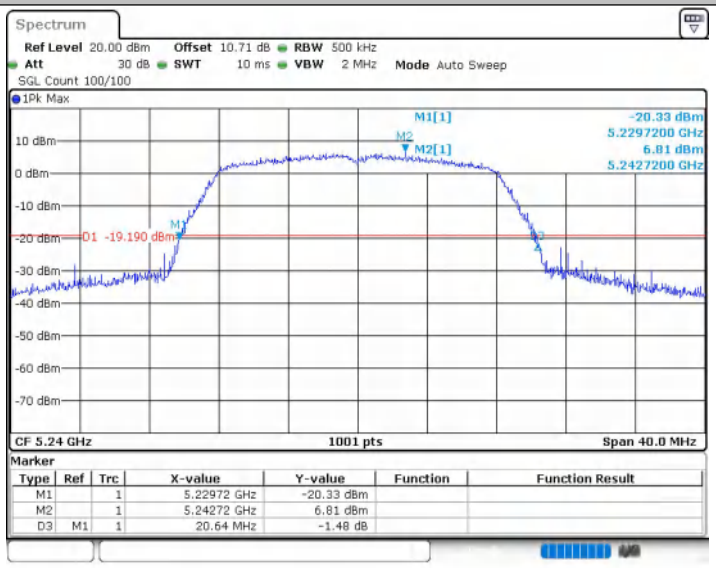

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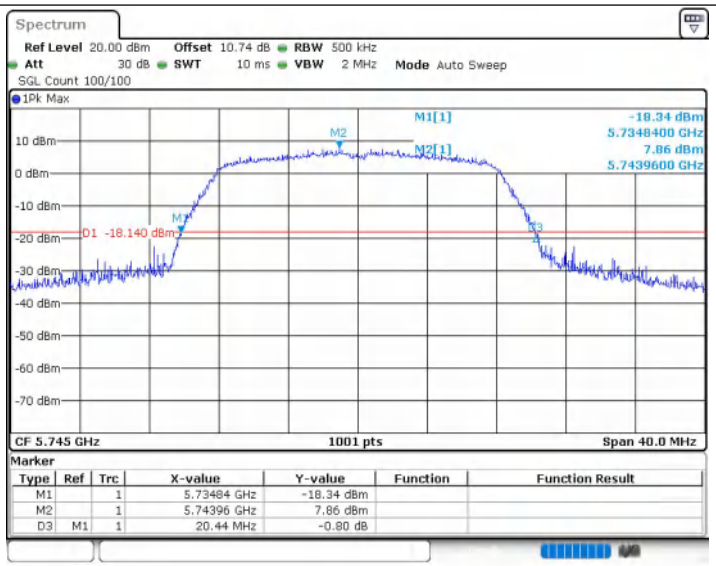

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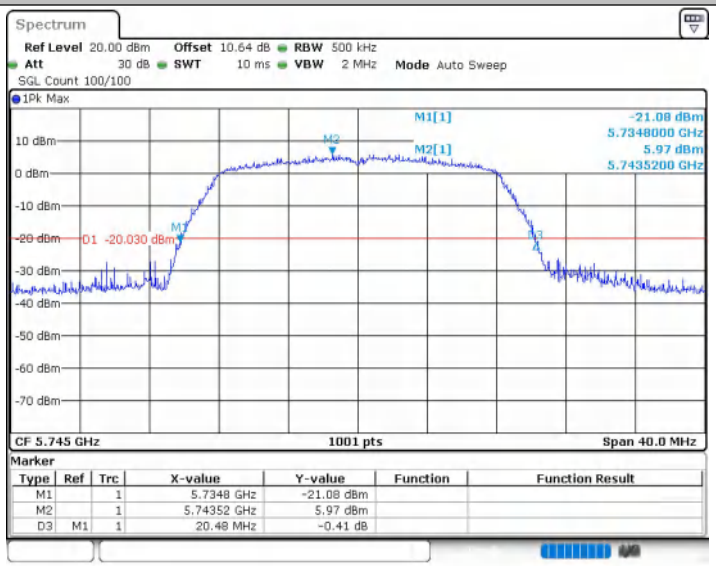

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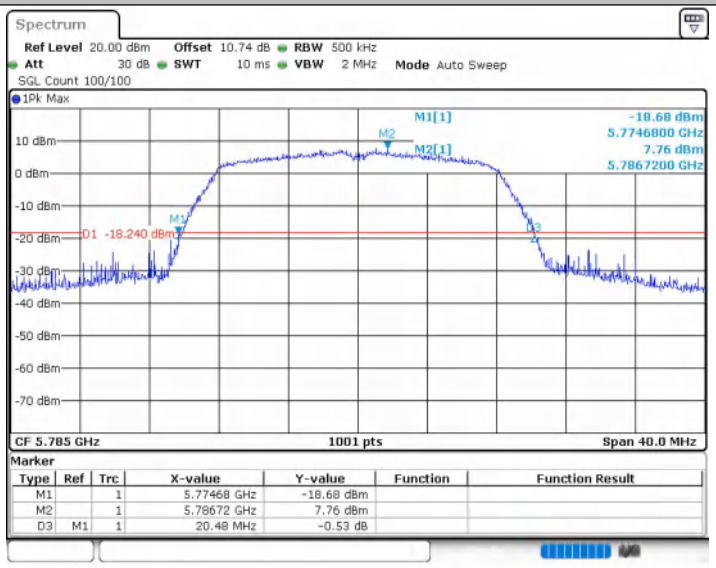

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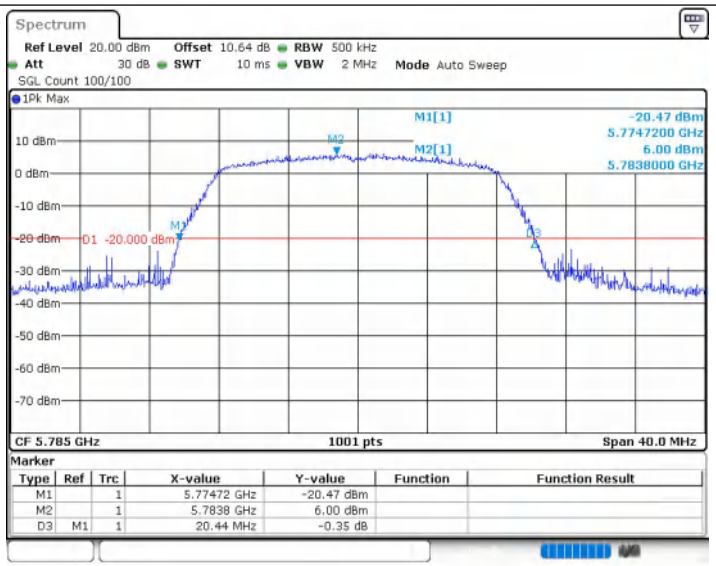

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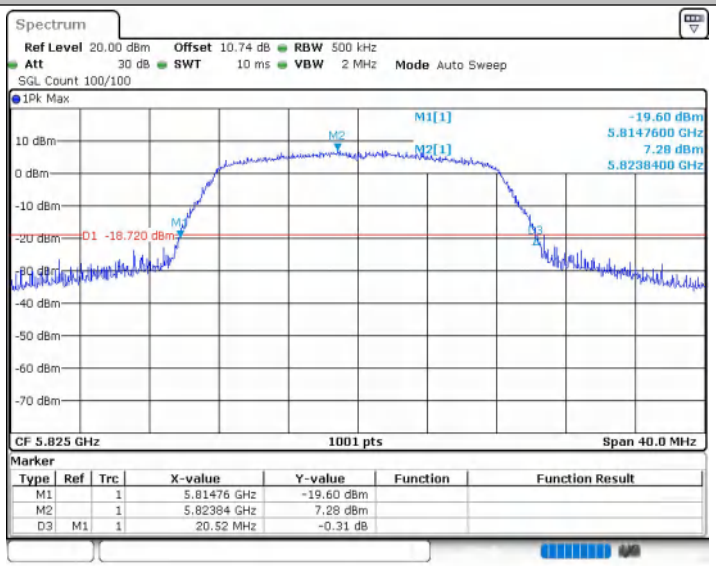

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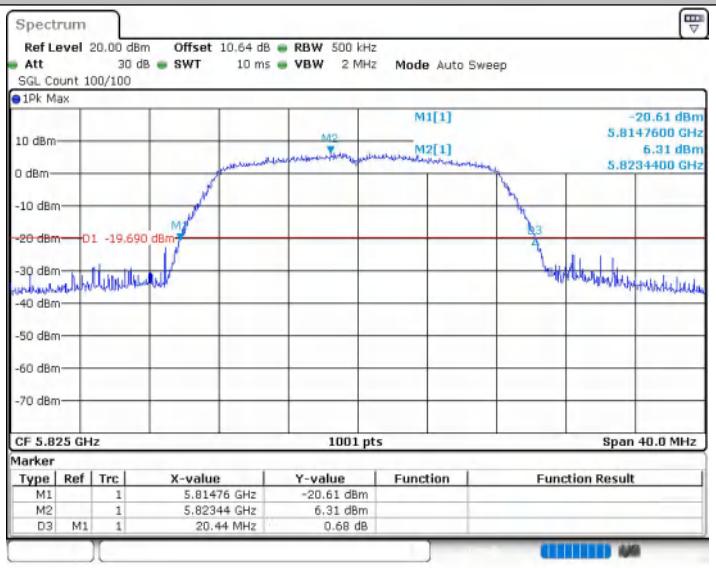

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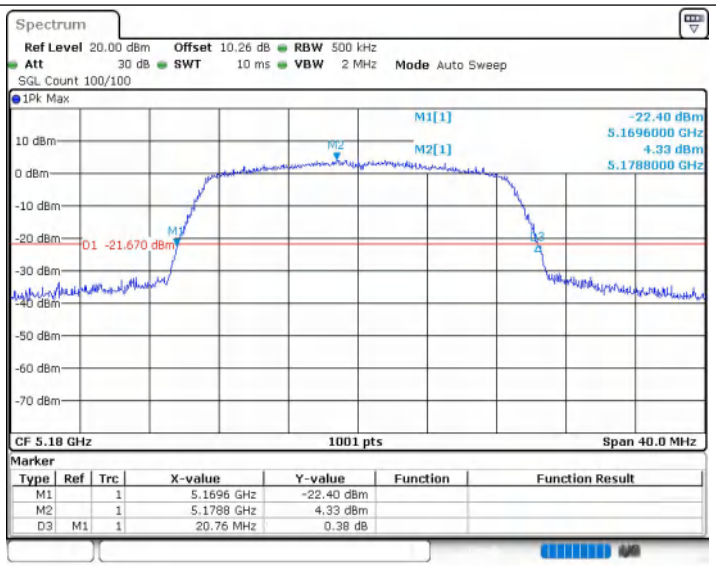

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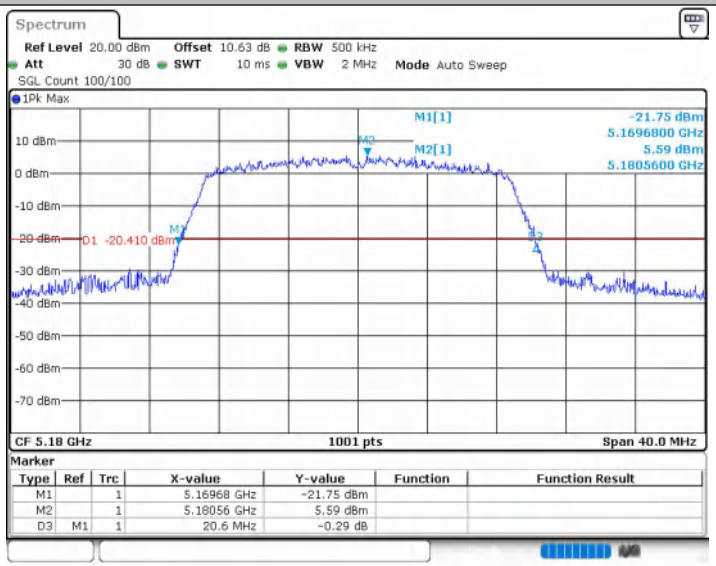

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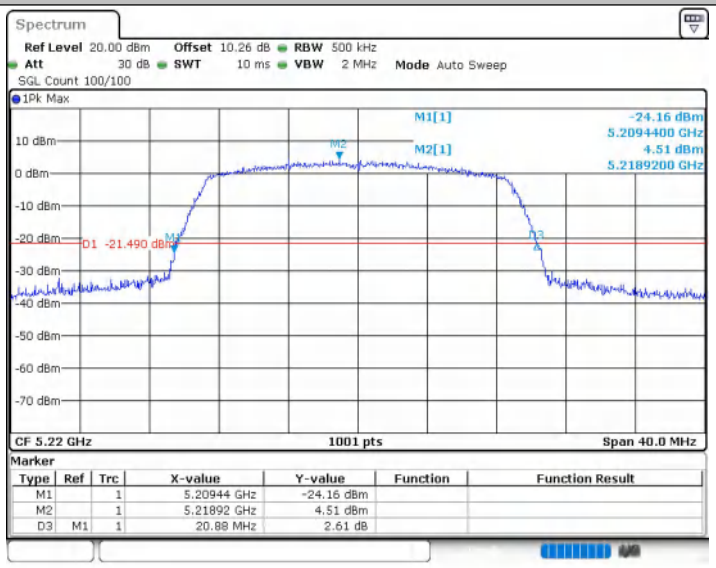

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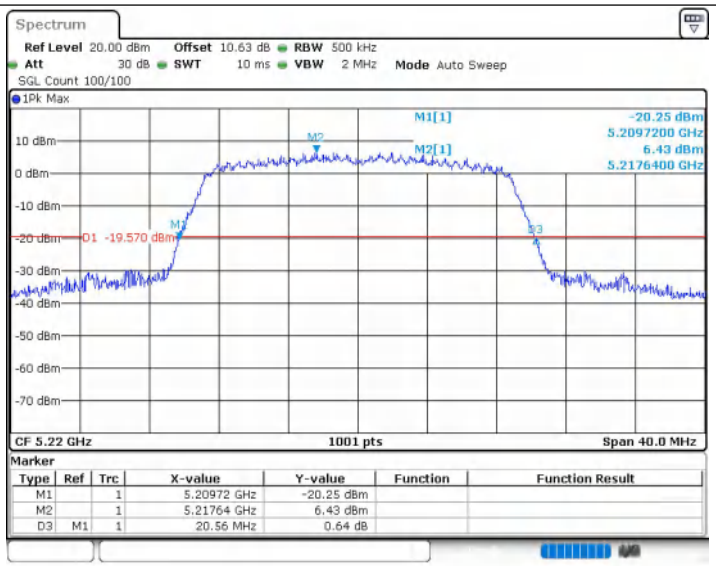

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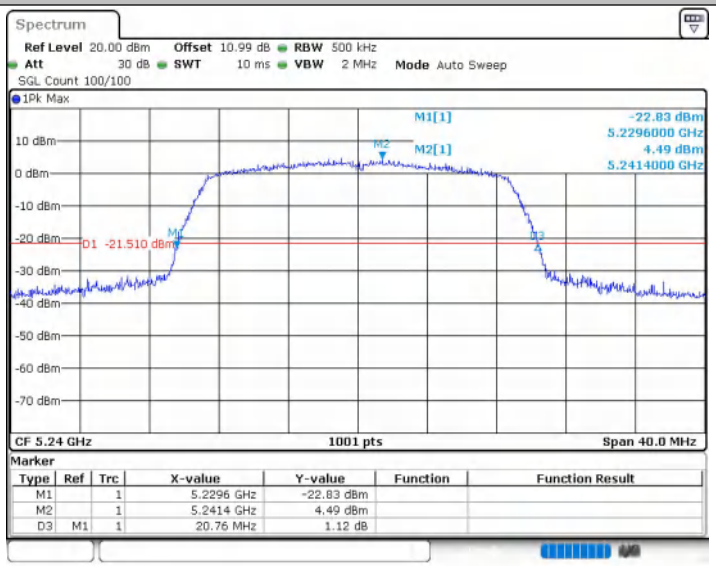

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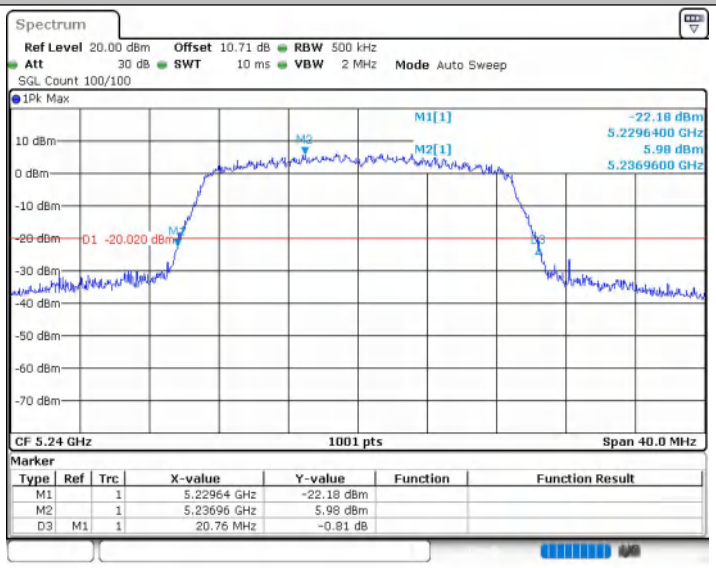

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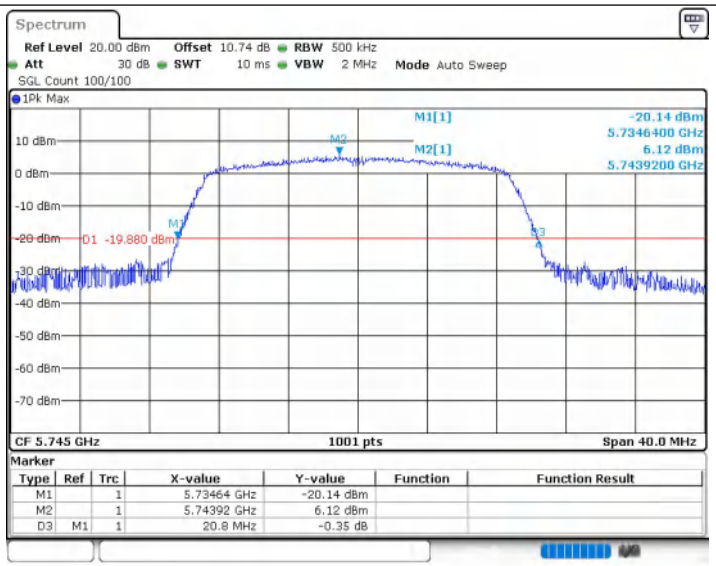

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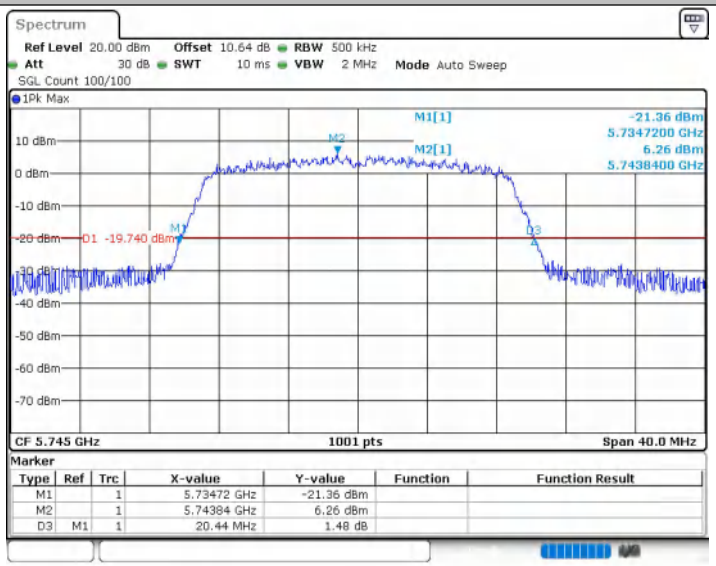

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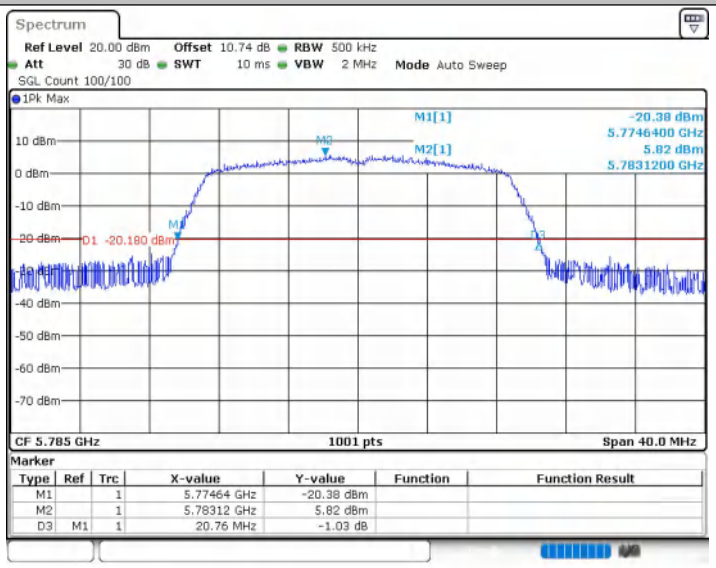

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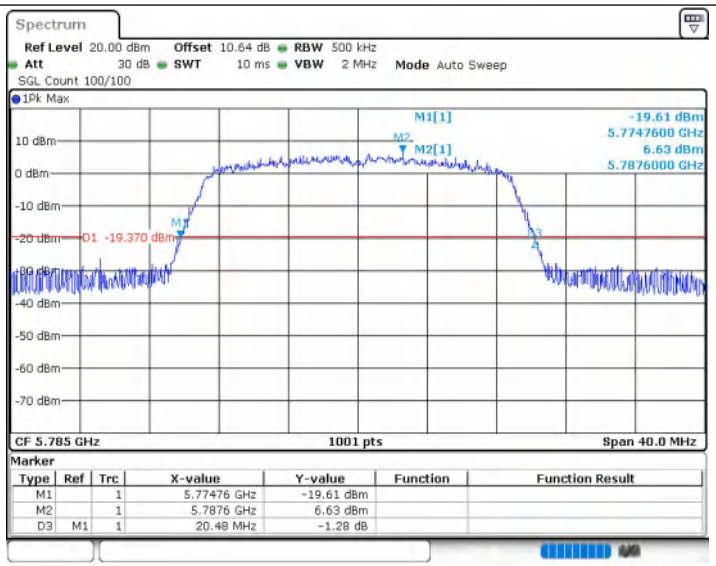

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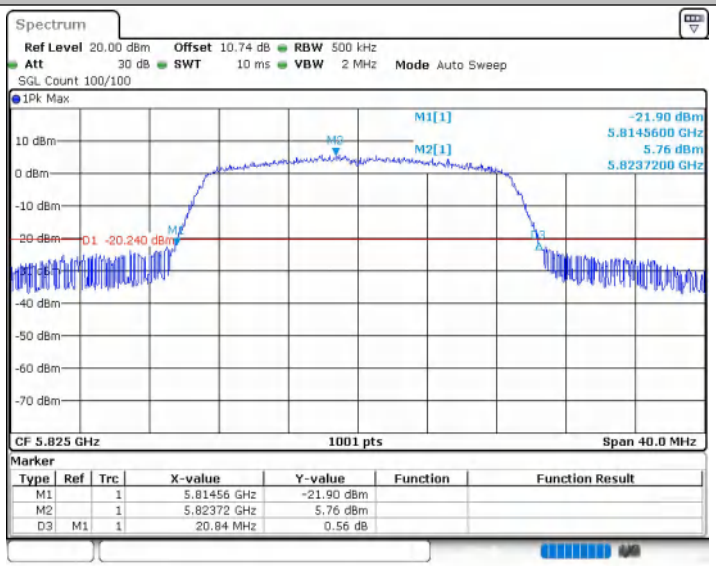

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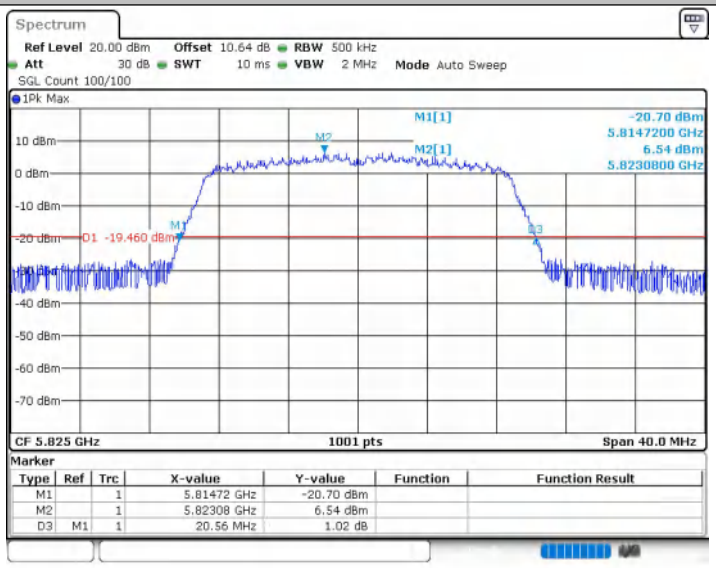

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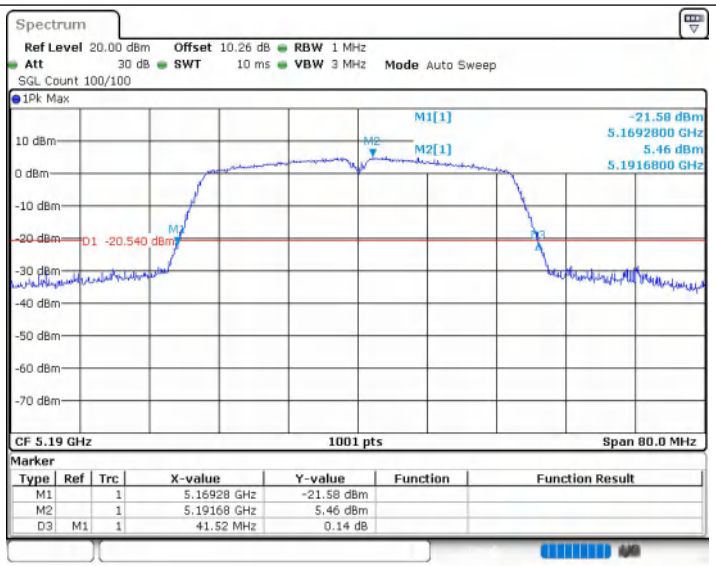

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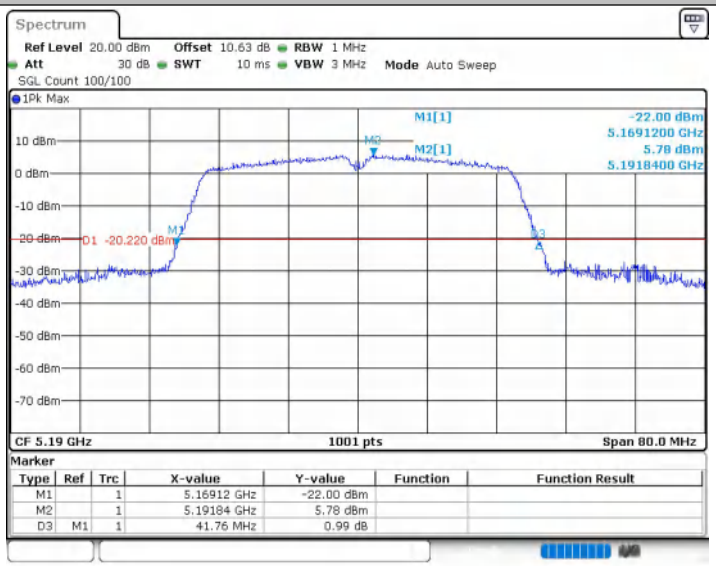

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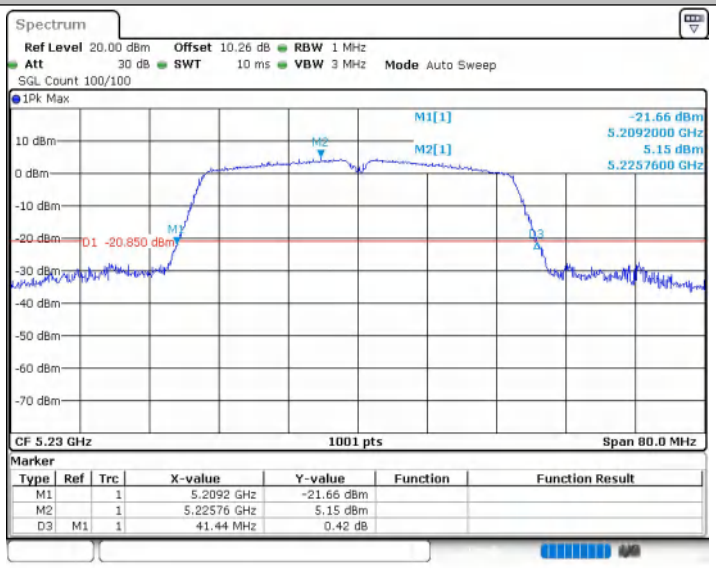

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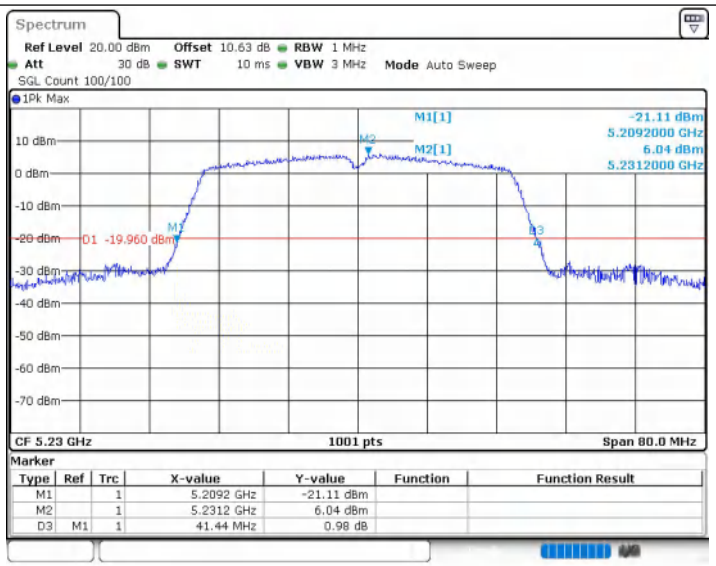

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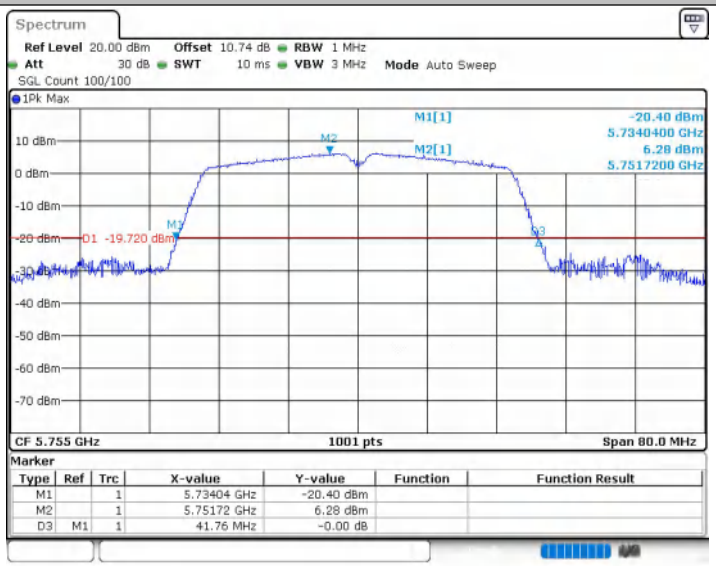

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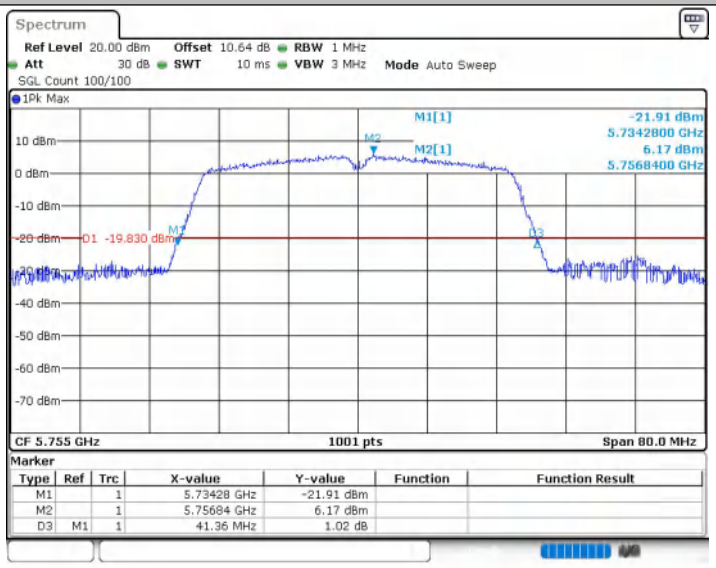

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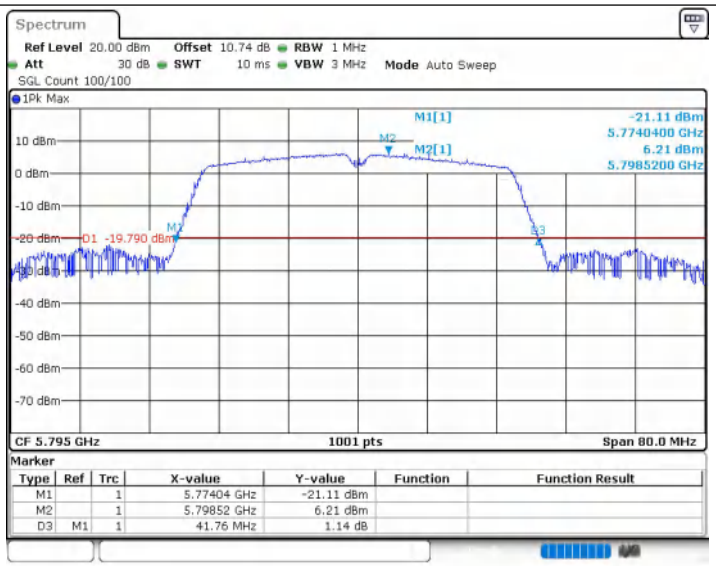

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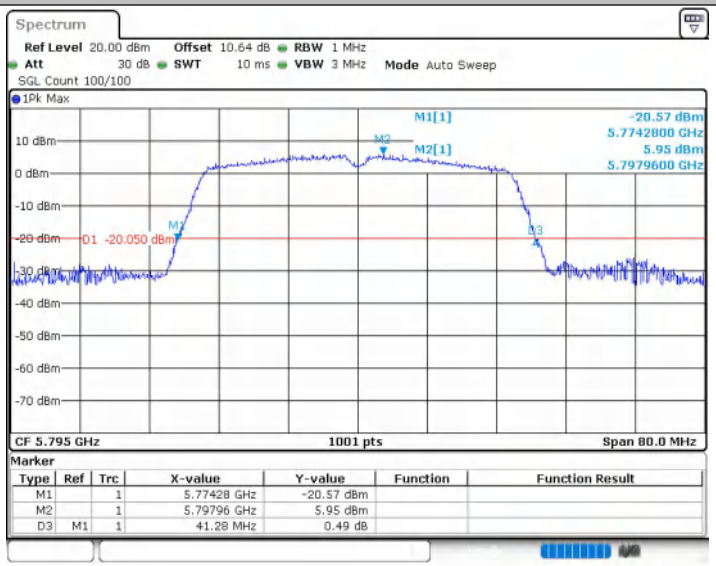

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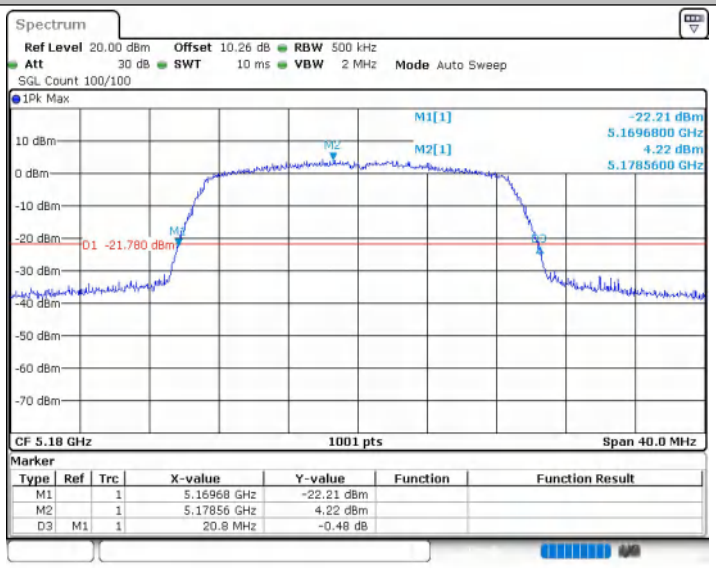

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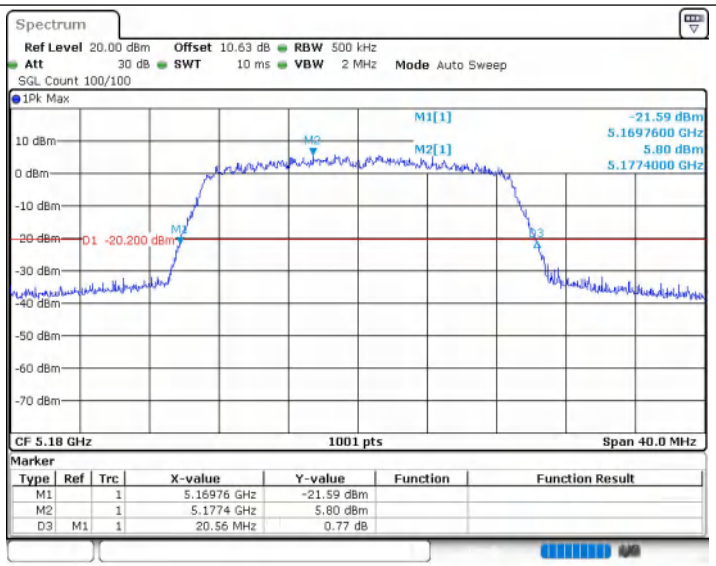

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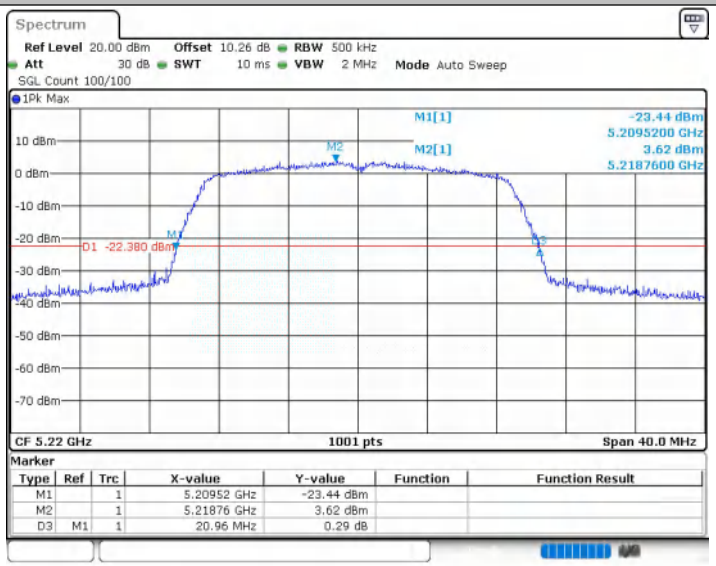

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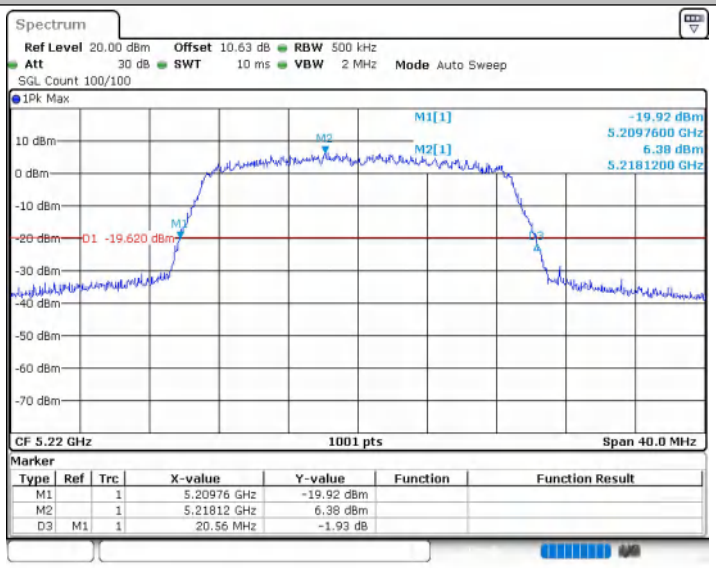

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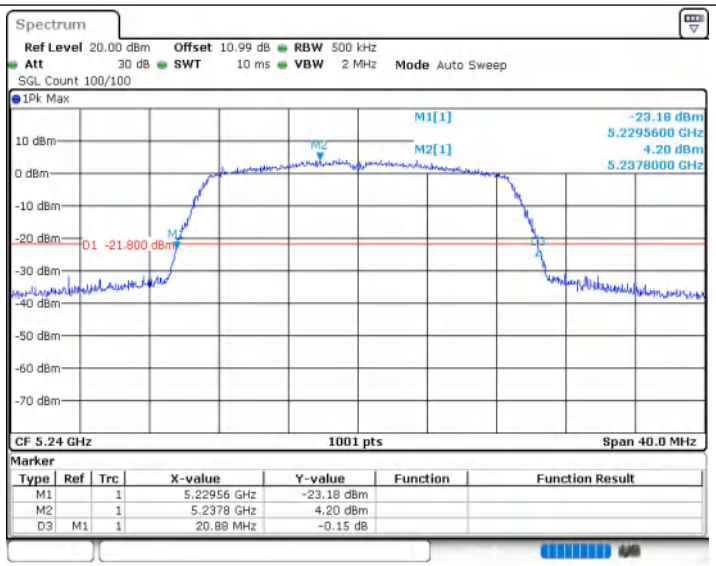

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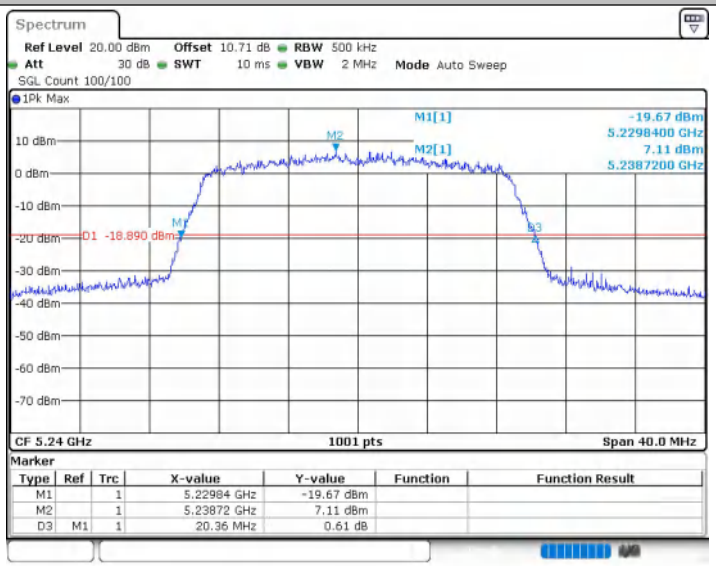

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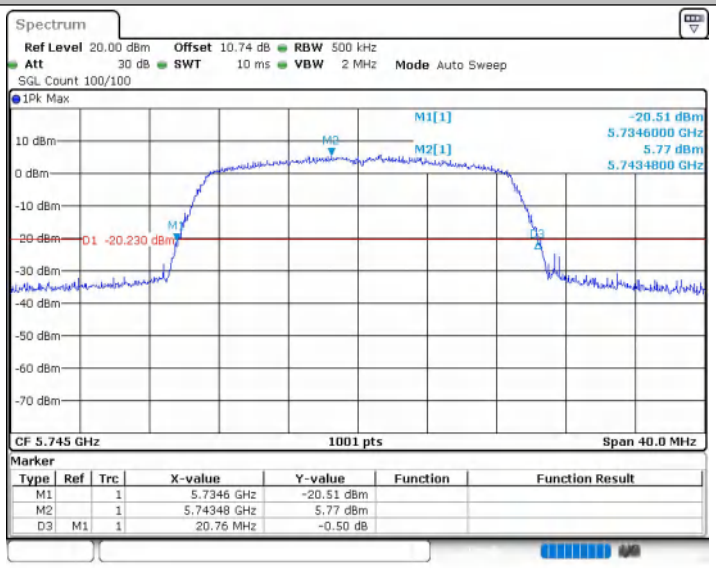

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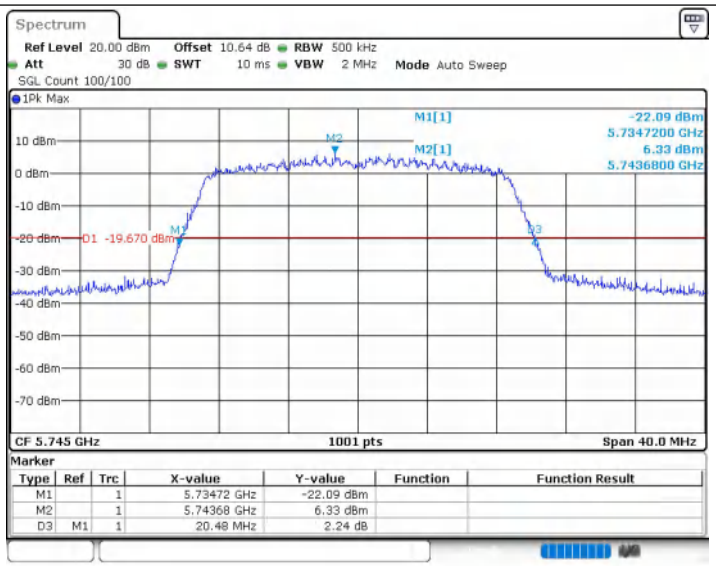

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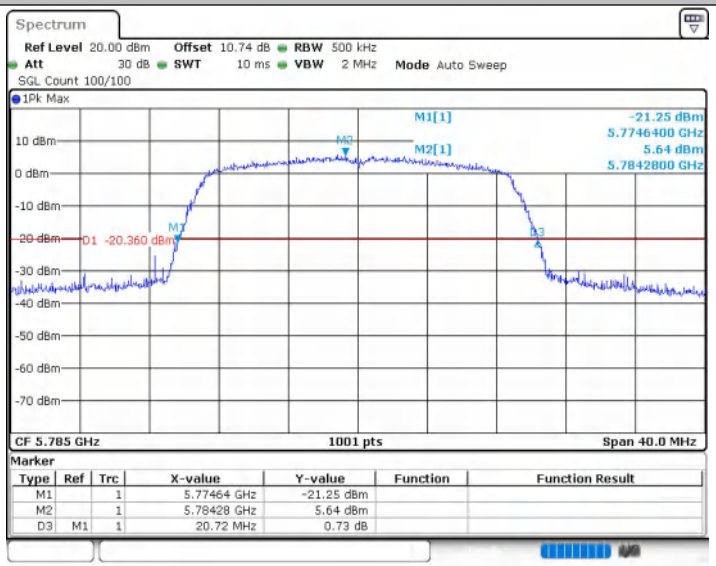

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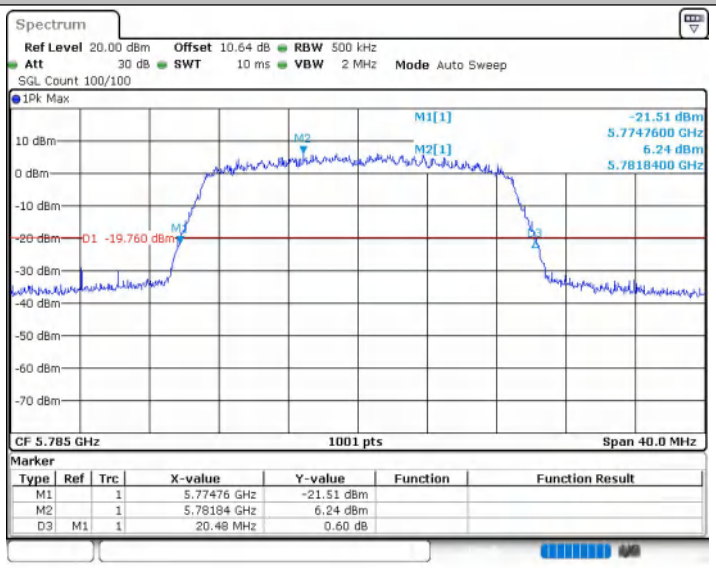

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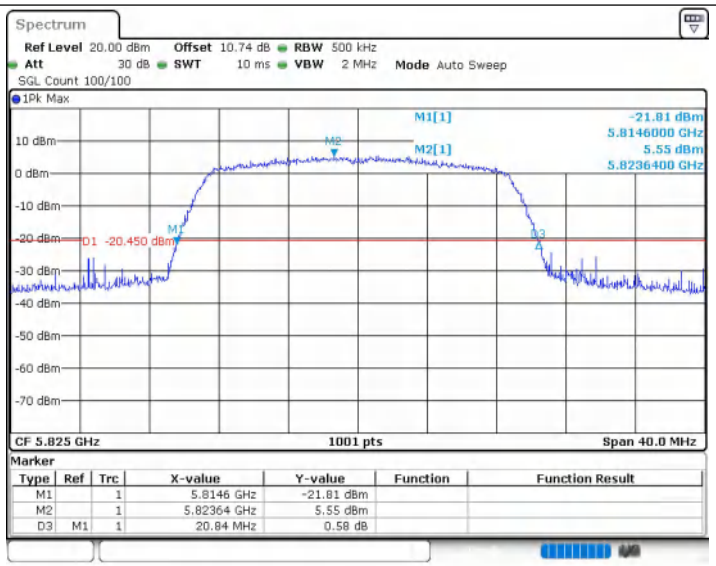

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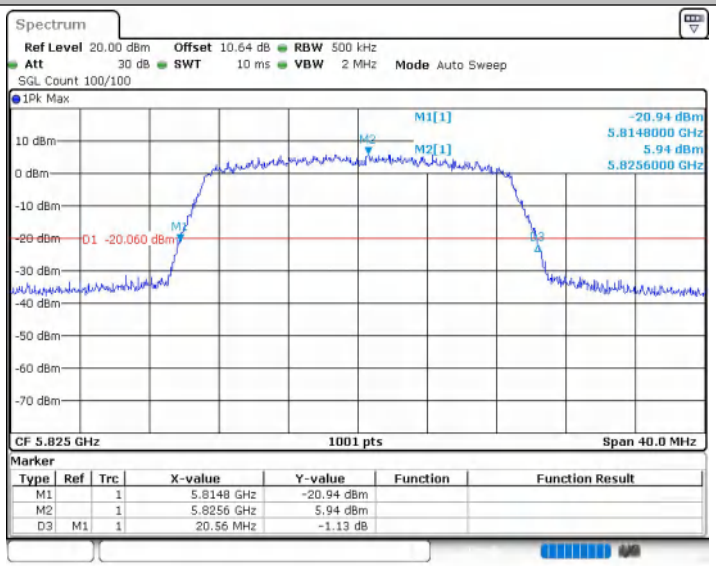

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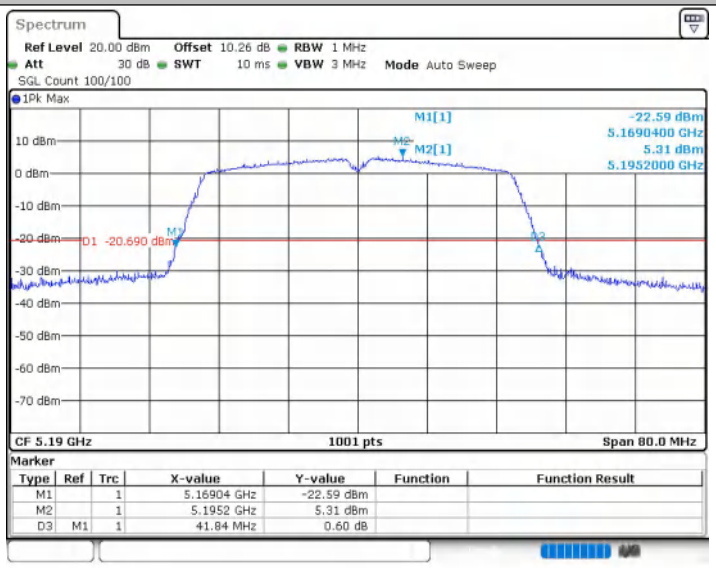

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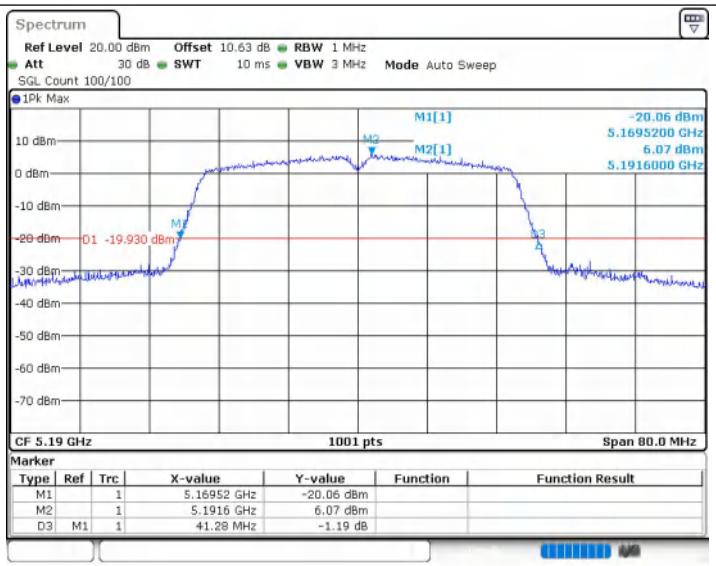

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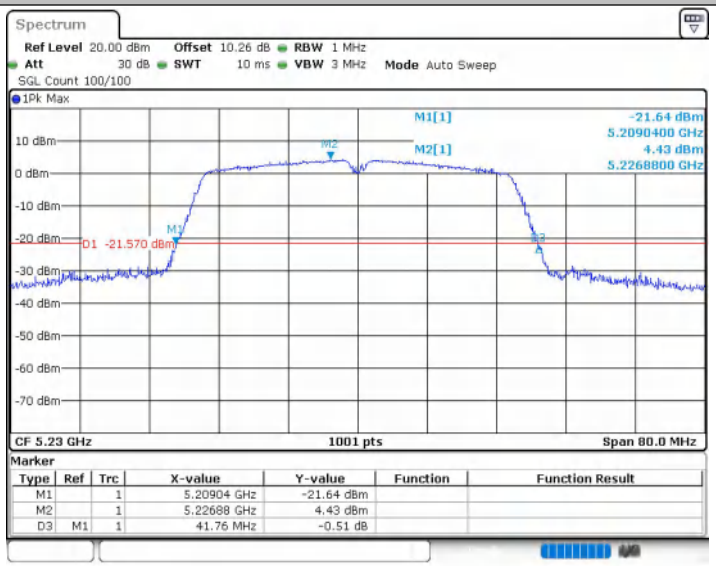

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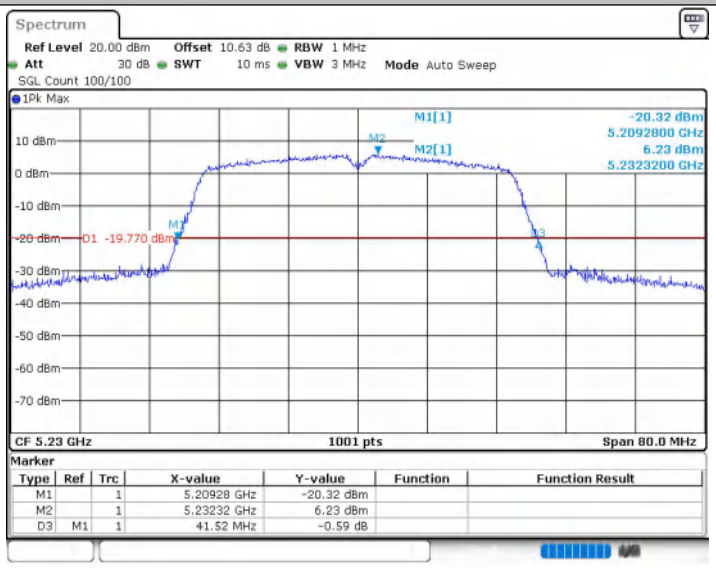

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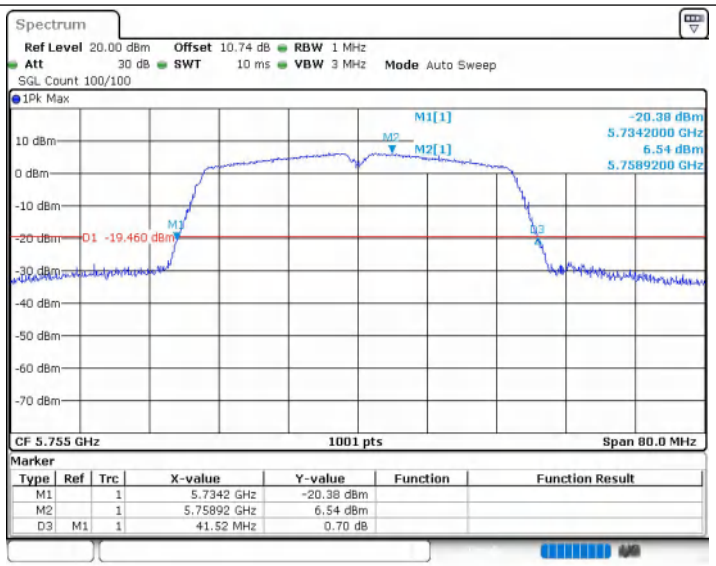

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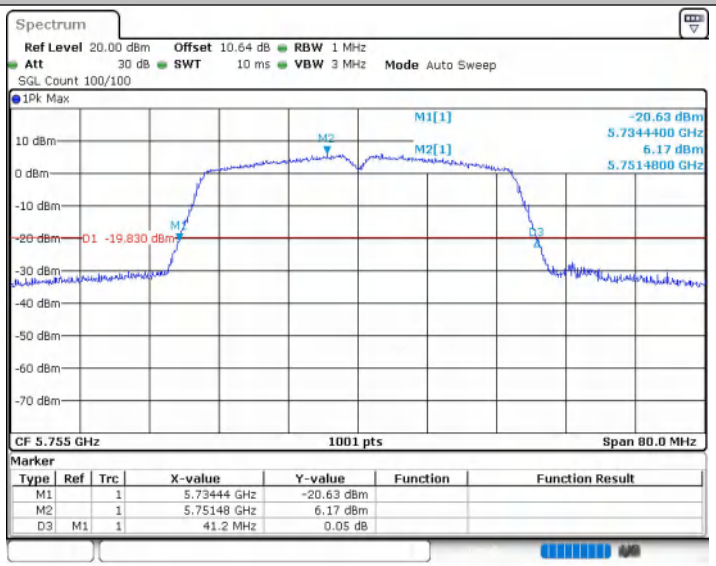

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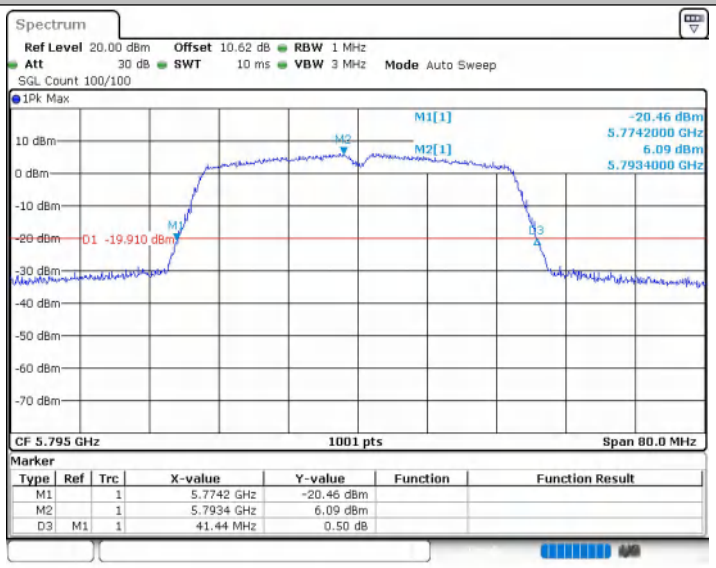

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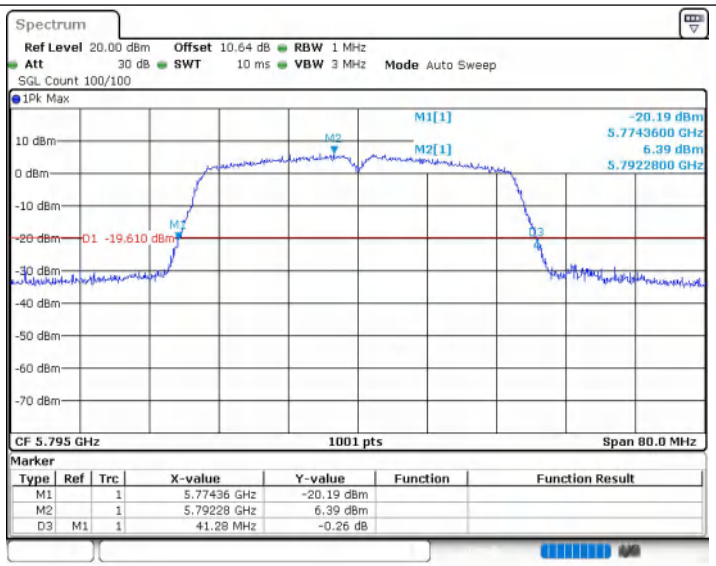

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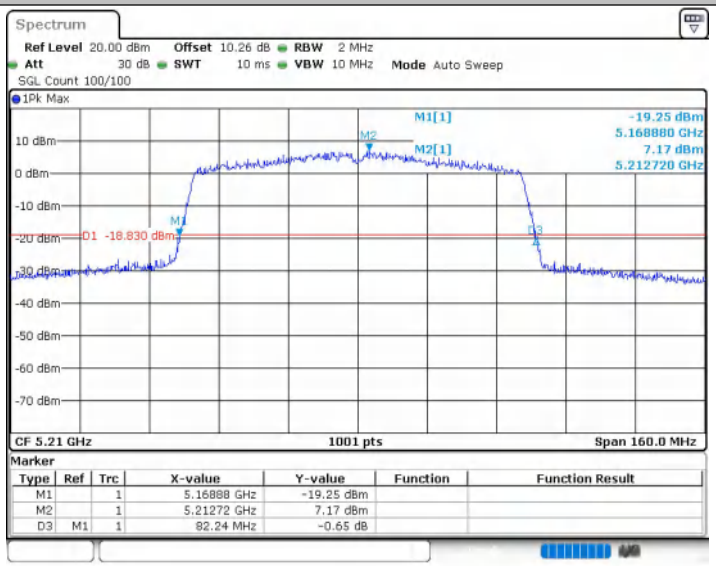

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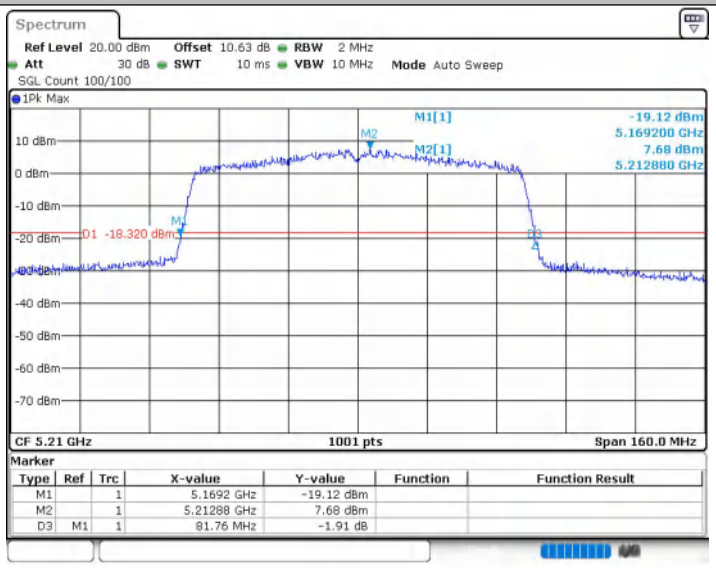

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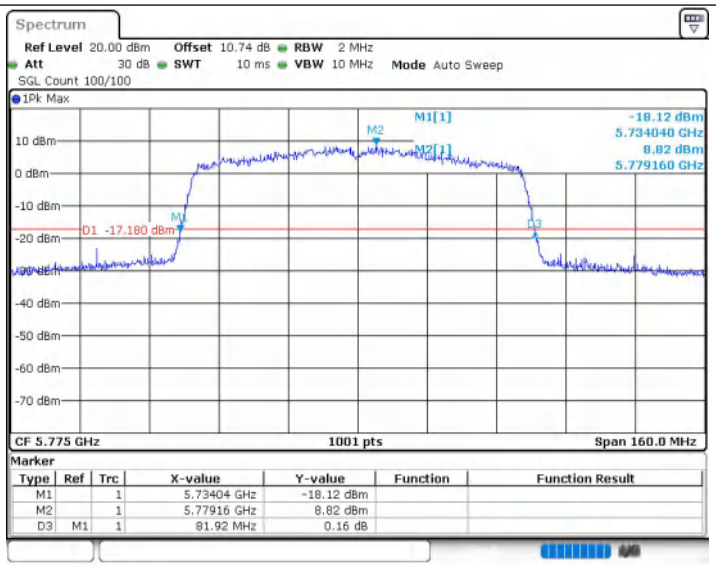

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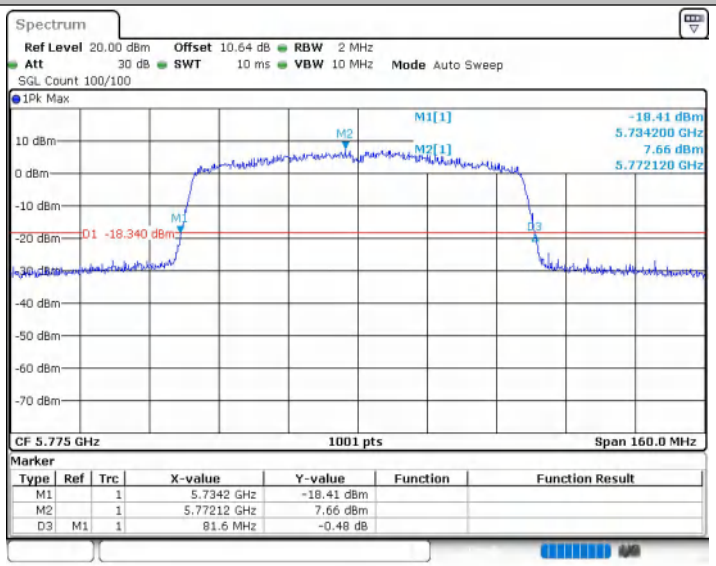


11AC80MIMO_Ant2_5775

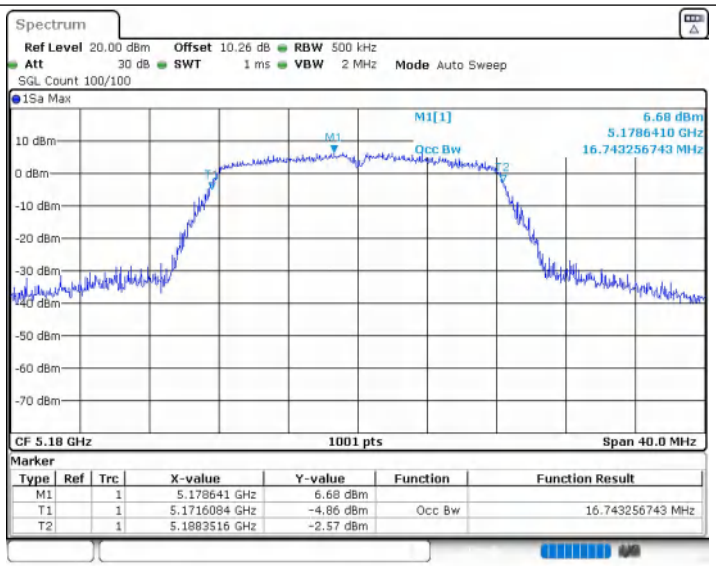
Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	16.743	5171.6084	5188.3516	---	---
	Ant2	5180	16.863	5171.6084	5188.4715	---	---
	Ant1	5220	16.783	5211.6084	5228.3916	---	---
	Ant2	5220	16.783	5211.6484	5228.4316	---	---
	Ant1	5240	16.823	5231.5684	5248.3916	---	---
	Ant2	5240	16.783	5231.6484	5248.4316	---	---
	Ant1	5745	16.863	5736.5684	5753.4316	---	---
	Ant2	5745	16.863	5736.5285	5753.3916	---	---
	Ant1	5785	16.823	5776.5684	5793.3916	---	---
	Ant2	5785	16.943	5776.5684	5793.5115	---	---
	Ant1	5825	16.863	5816.5684	5833.4316	---	---
	Ant2	5825	16.863	5816.5684	5833.4316	---	---
11N20MIMO	Ant1	5180	17.742	5171.0889	5188.8312	---	---
	Ant2	5180	17.782	5171.0889	5188.8711	---	---
	Ant1	5220	17.742	5211.1289	5228.8711	---	---
	Ant2	5220	17.742	5211.1688	5228.9111	---	---
	Ant1	5240	17.702	5231.1688	5248.8711	---	---
	Ant2	5240	17.822	5231.1289	5248.9510	---	---
	Ant1	5745	17.742	5736.1289	5753.8711	---	---
	Ant2	5745	17.822	5736.0889	5753.9111	---	---
	Ant1	5785	17.742	5776.1289	5793.8711	---	---
	Ant2	5785	17.822	5776.1289	5793.9510	---	---
	Ant1	5825	17.742	5816.1289	5833.8711	---	---
	Ant2	5825	17.862	5816.0889	5833.9510	---	---
11N40MIMO	Ant1	5190	36.124	5171.9381	5208.0619	---	---
	Ant2	5190	36.124	5171.9381	5208.0619	---	---
	Ant1	5230	36.124	5211.9381	5248.0619	---	---
	Ant2	5230	36.044	5212.0180	5248.0619	---	---
	Ant1	5755	36.124	5736.9381	5773.0619	---	---
	Ant2	5755	36.124	5736.9381	5773.0619	---	---
	Ant1	5795	36.124	5776.9381	5813.0619	---	---
	Ant2	5795	36.124	5777.0180	5813.1419	---	---
11AC20MIMO	Ant1	5180	17.702	5171.1289	5188.8312	---	---
	Ant2	5180	17.822	5171.0889	5188.9111	---	---
	Ant1	5220	17.742	5211.1289	5228.8711	---	---
	Ant2	5220	17.862	5211.0889	5228.9510	---	---
	Ant1	5240	17.742	5231.1289	5248.8711	---	---
	Ant2	5240	17.742	5231.1688	5248.9111	---	---
	Ant1	5745	17.742	5736.1688	5753.9111	---	---
	Ant2	5745	17.822	5736.0889	5753.9111	---	---

	Ant1	5785	17.742	5776.1289	5793.8711	---	---
	Ant2	5785	17.822	5776.1289	5793.9510	---	---
	Ant1	5825	17.702	5816.1289	5833.8312	---	---
	Ant2	5825	17.782	5816.1289	5833.9111	---	---
11AC40MIMO	Ant1	5190	36.204	5171.8581	5208.0619	---	---
	Ant2	5190	36.204	5171.9381	5208.1419	---	---
	Ant1	5230	36.204	5211.9381	5248.1419	---	---
	Ant2	5230	36.124	5212.0180	5248.1419	---	---
	Ant1	5755	36.124	5737.0180	5773.1419	---	---
	Ant2	5755	36.124	5736.9381	5773.0619	---	---
	Ant1	5795	36.204	5776.8581	5813.0619	---	---
	Ant2	5795	36.124	5777.0180	5813.1419	---	---
11AC80MIMO	Ant1	5210	75.604	5172.2777	5247.8821	---	---
	Ant2	5210	75.604	5172.2777	5247.8821	---	---
	Ant1	5775	75.125	5737.5974	5812.7223	---	---
	Ant2	5775	75.764	5737.2777	5813.0420	---	---

Test Graphs



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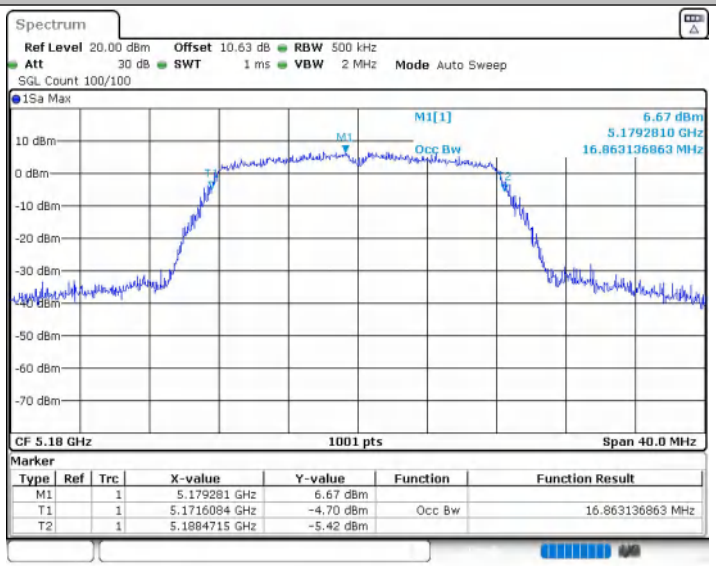

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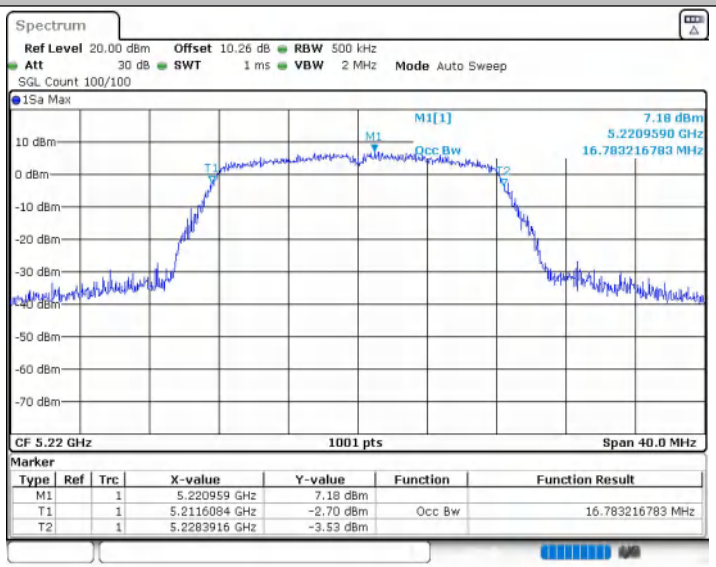

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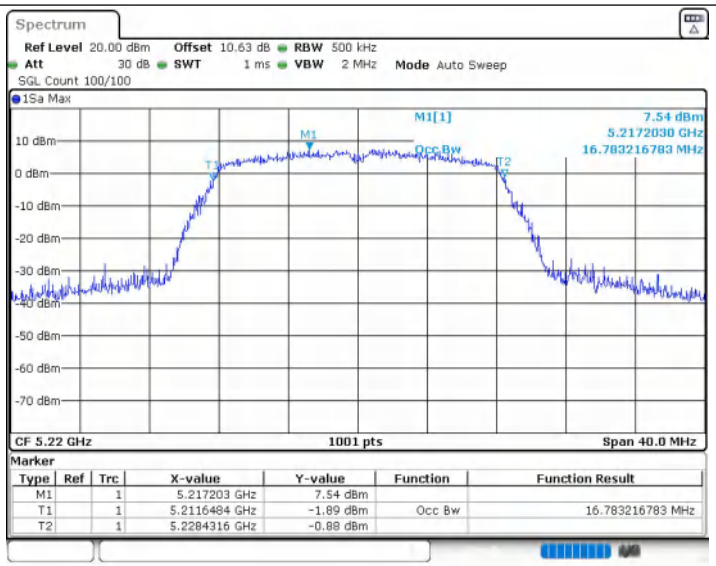

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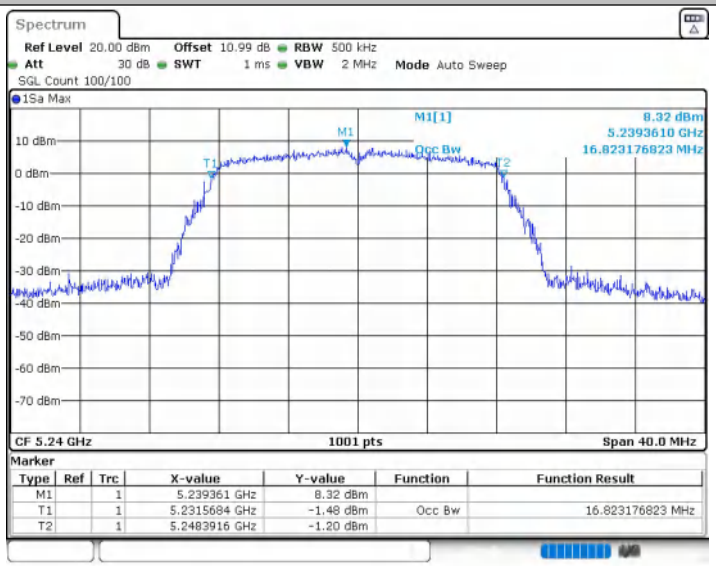

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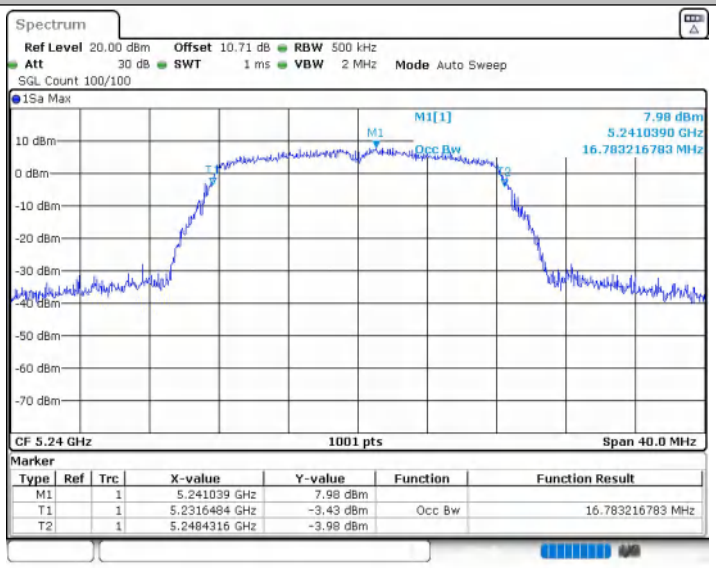

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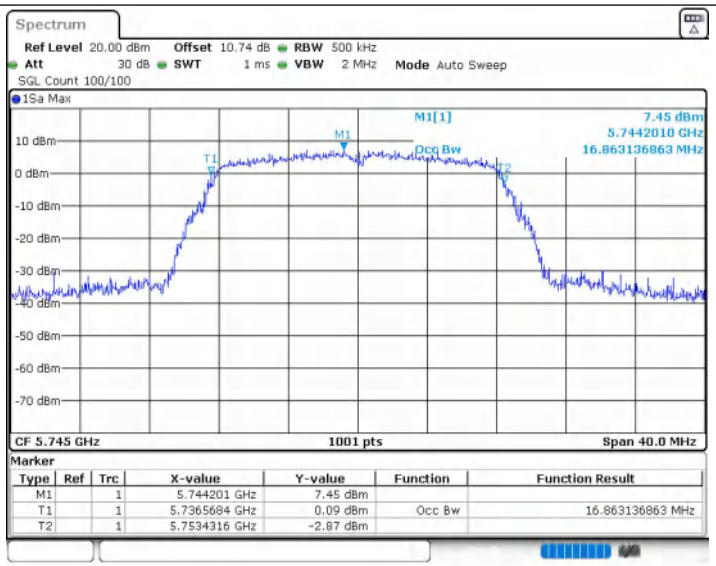

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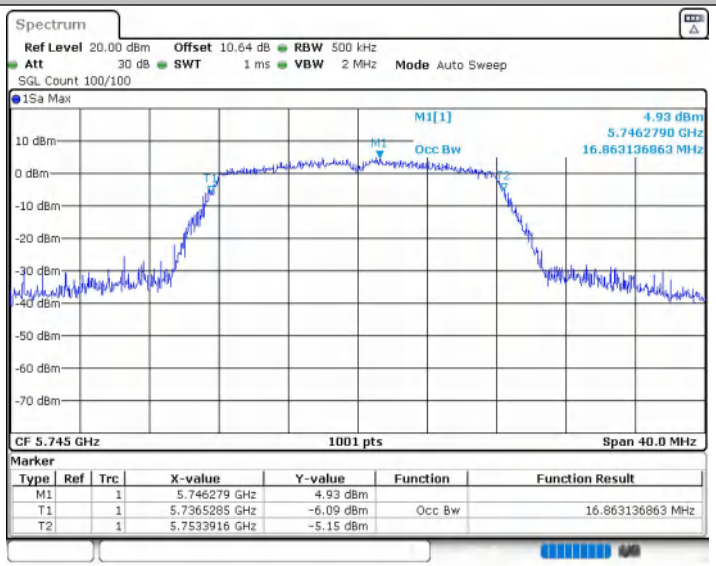

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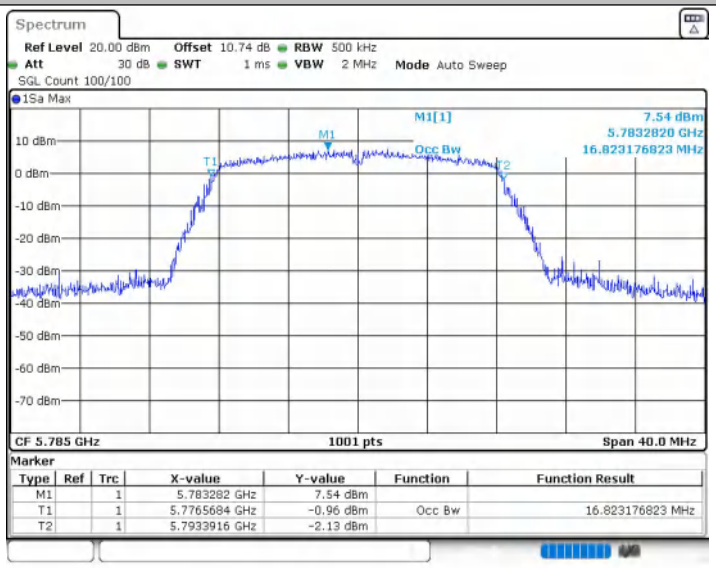

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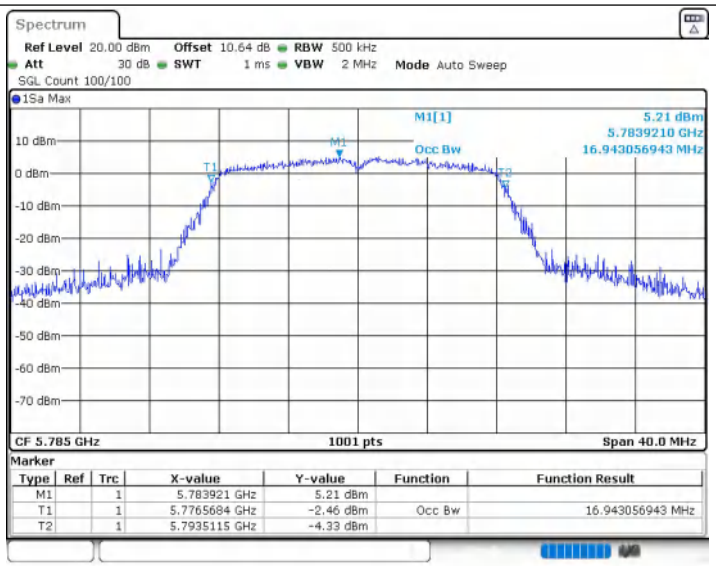

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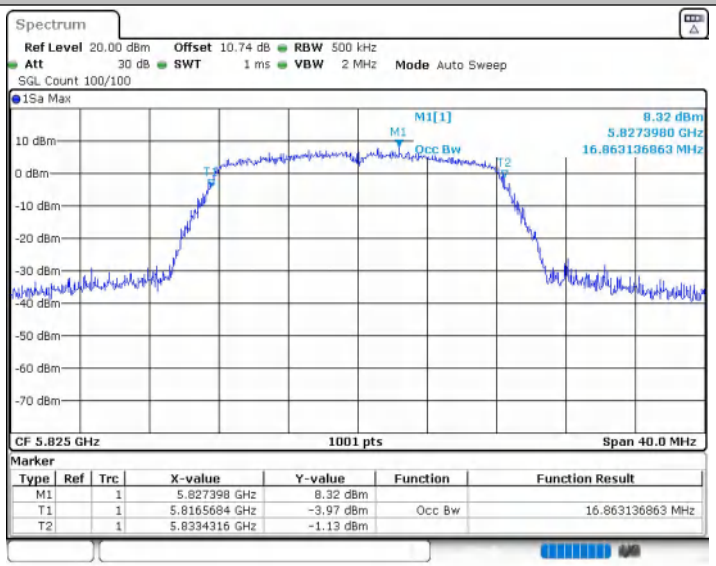

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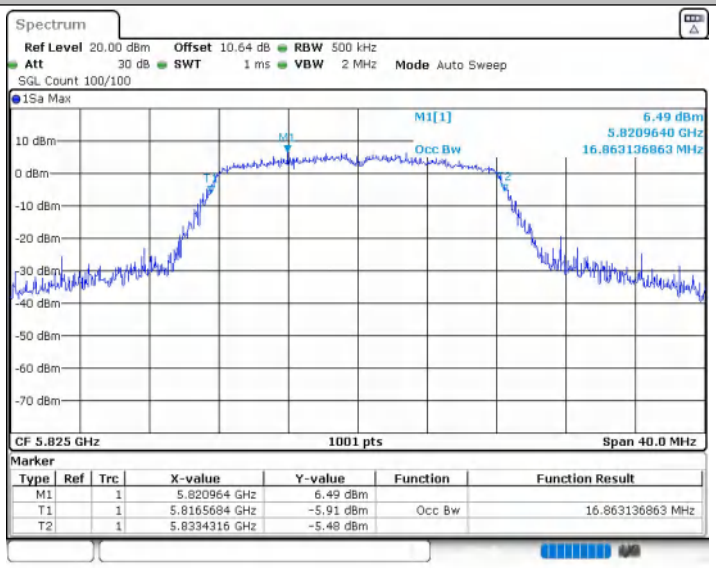

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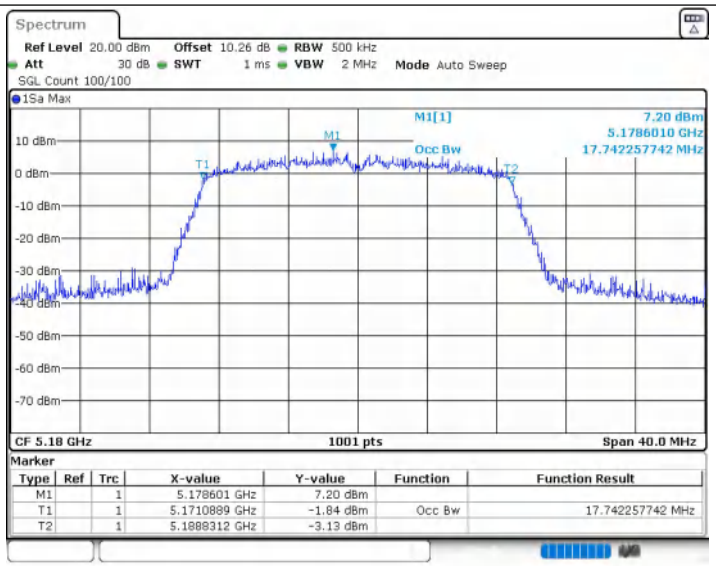

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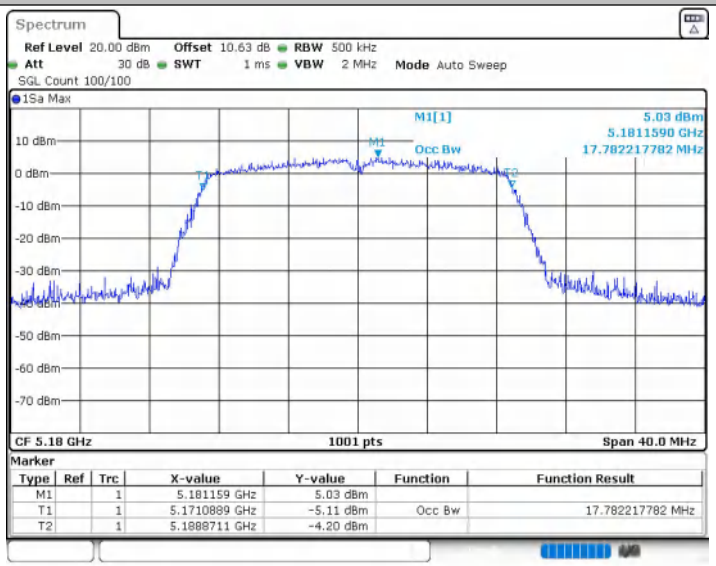

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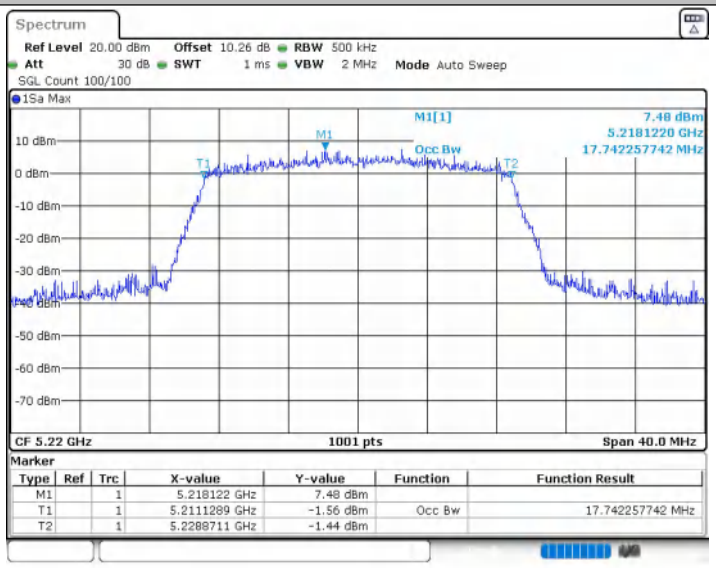

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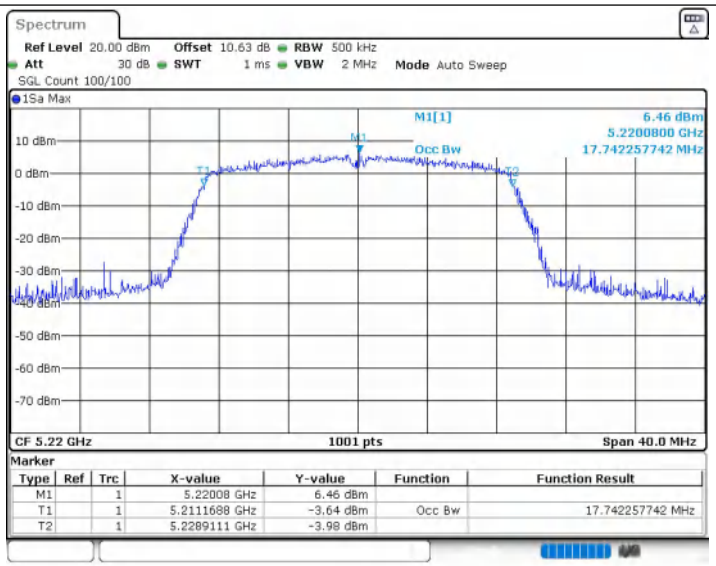

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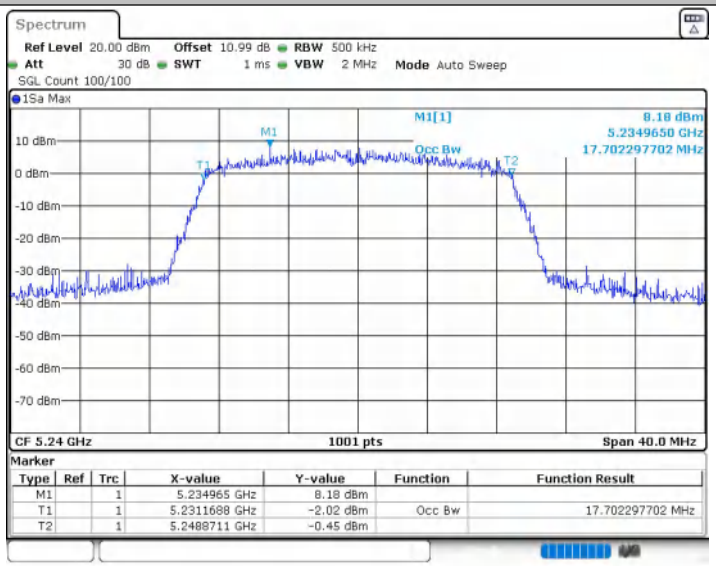

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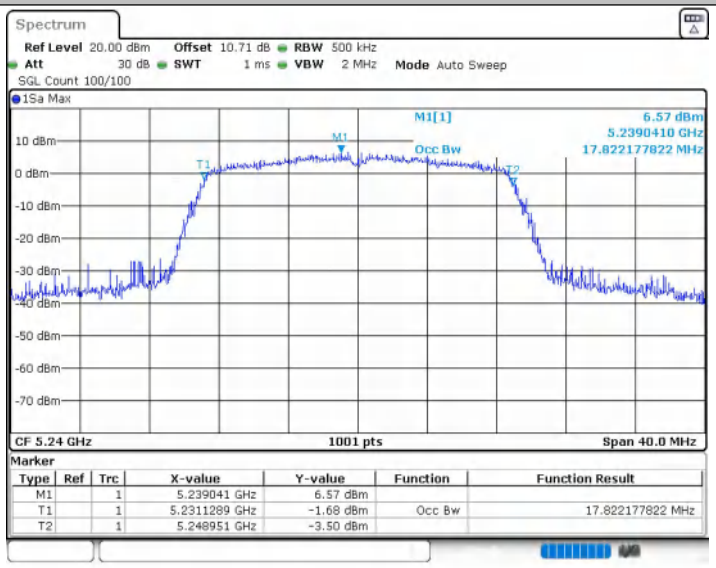

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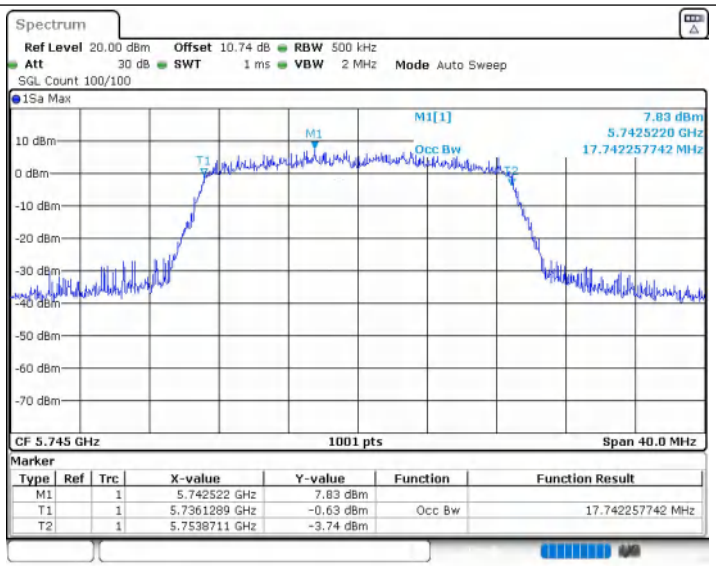

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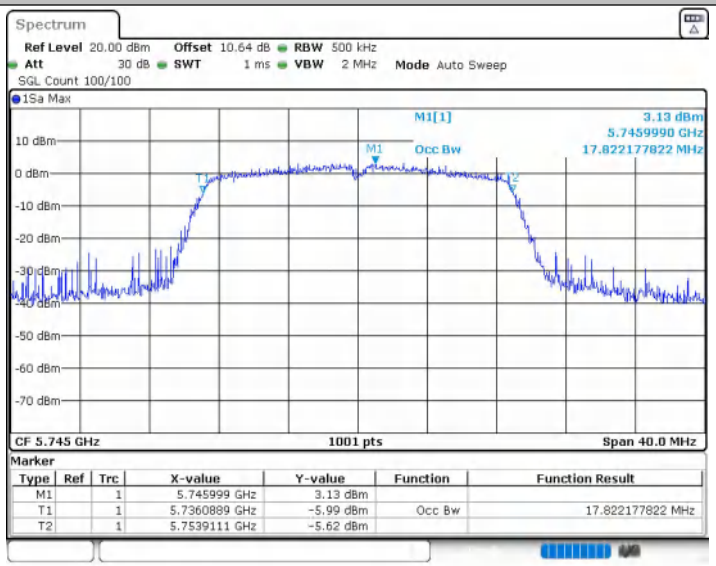

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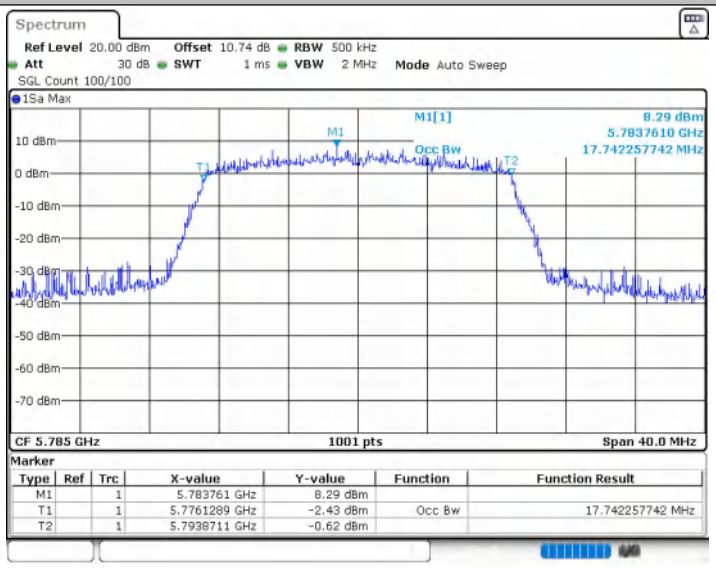

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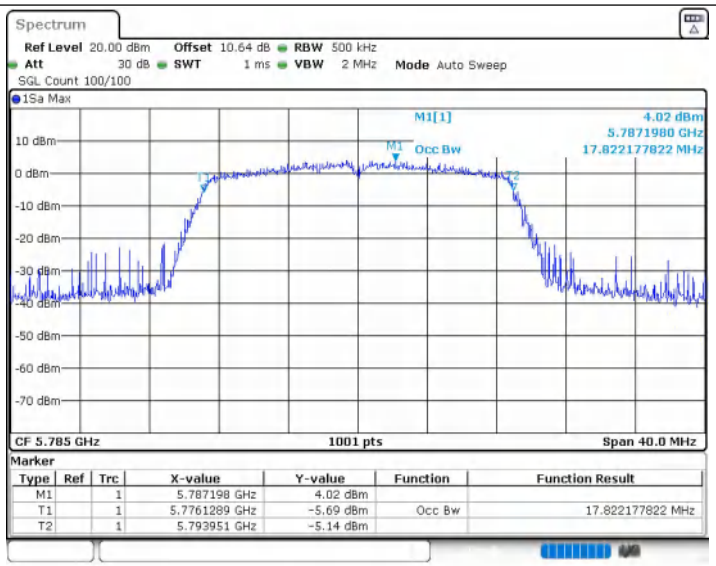

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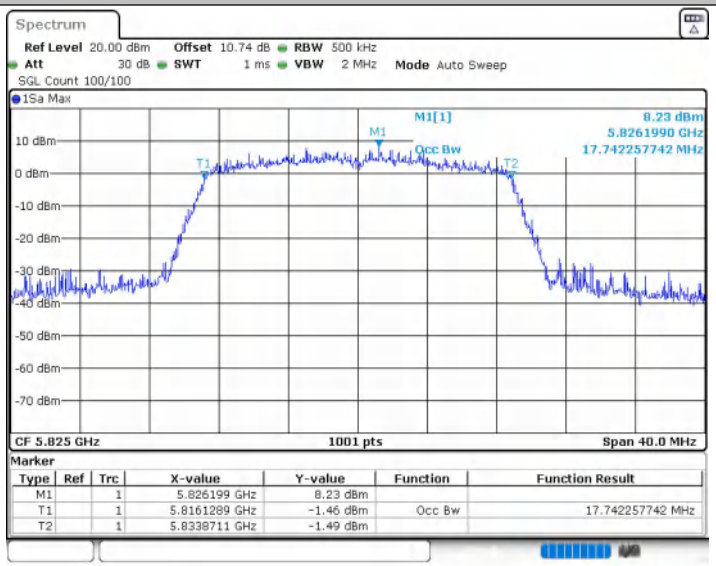

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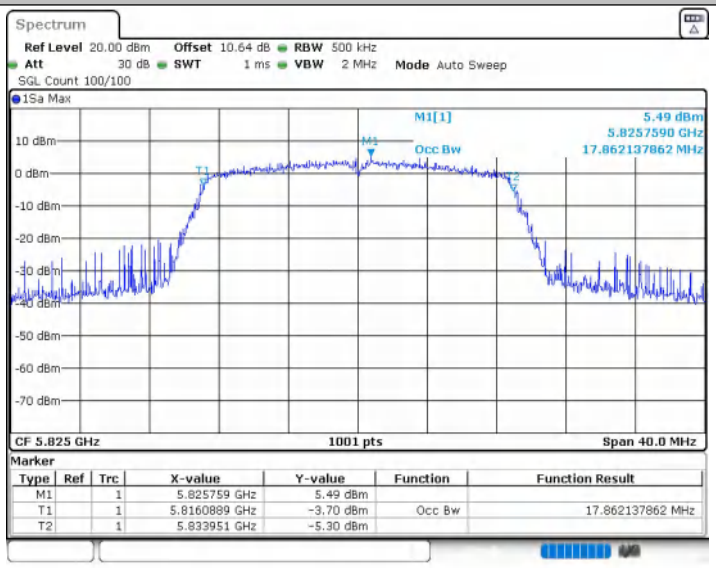

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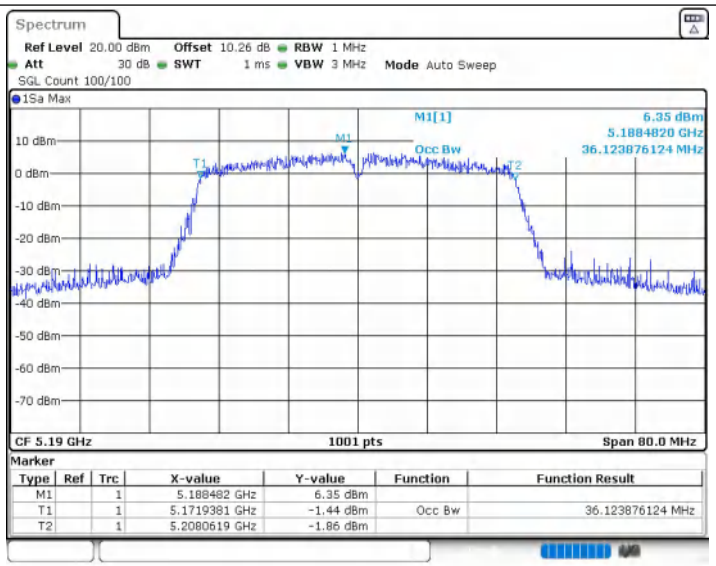

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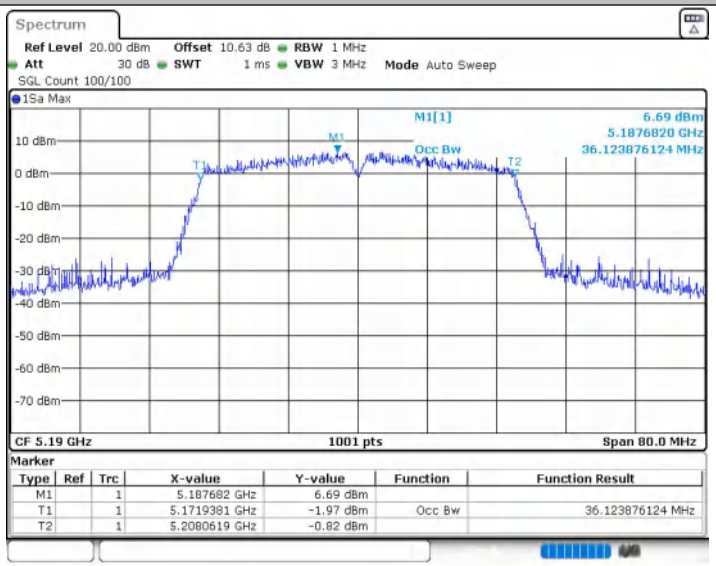

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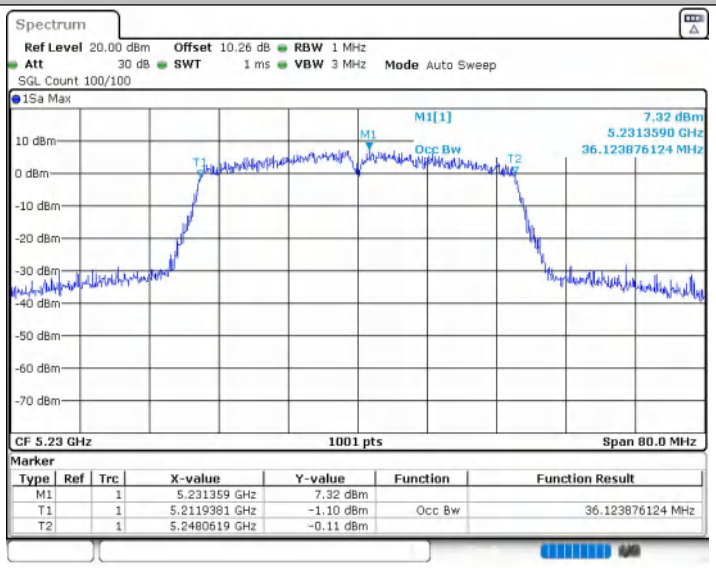

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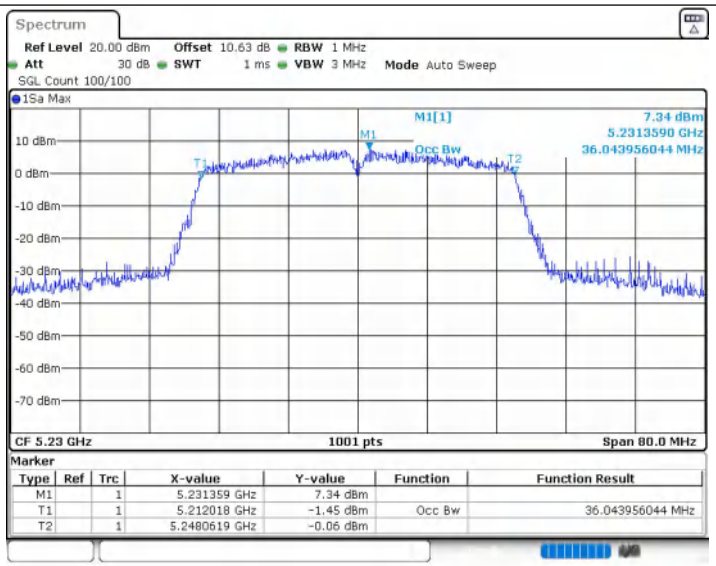
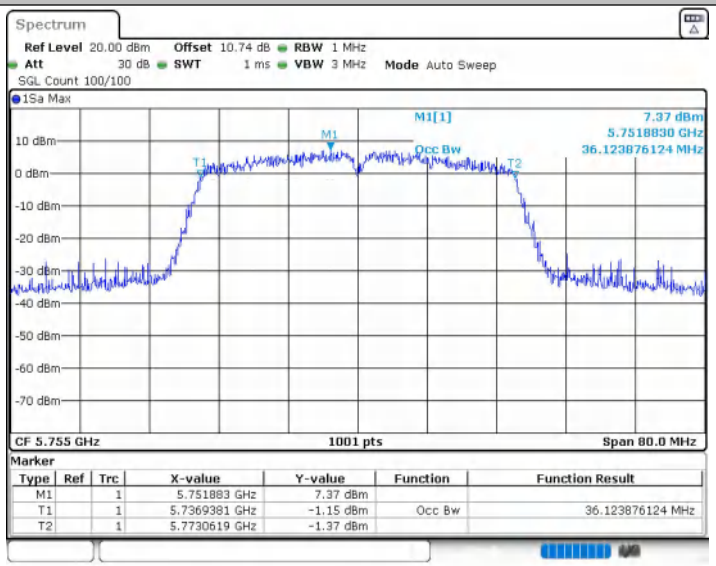
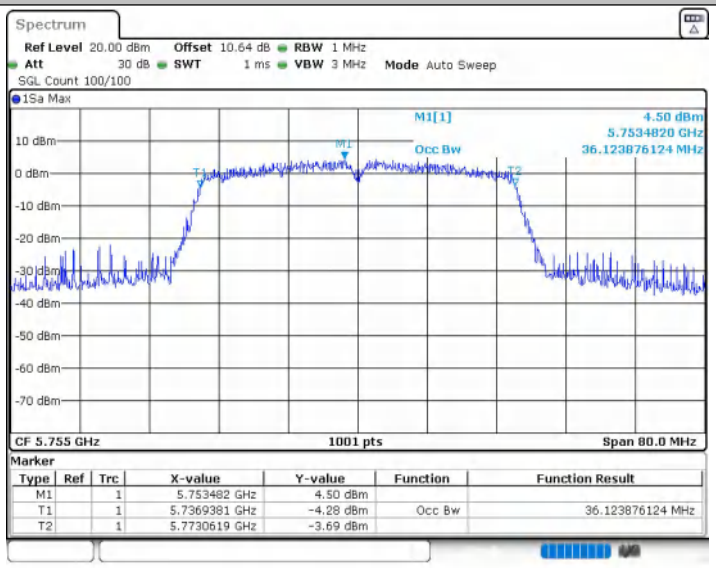


11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5755



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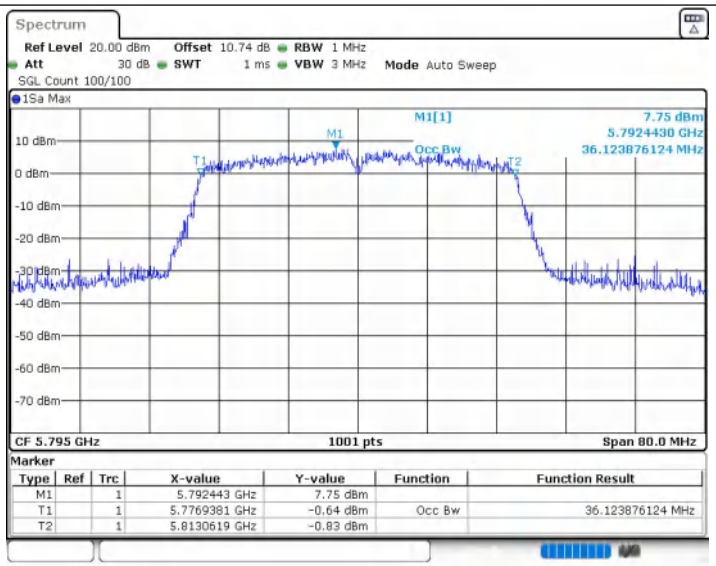

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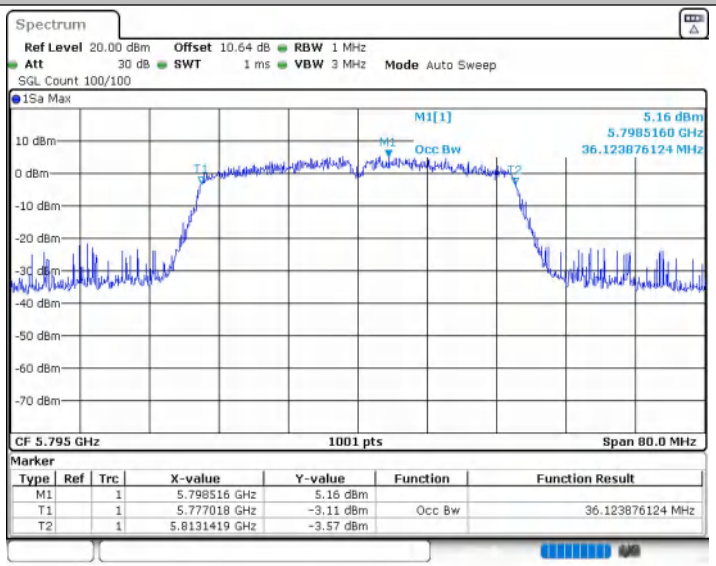

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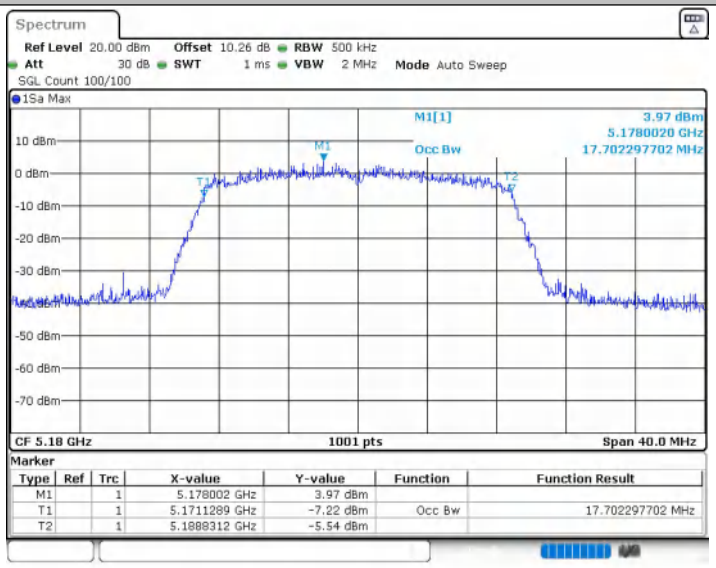

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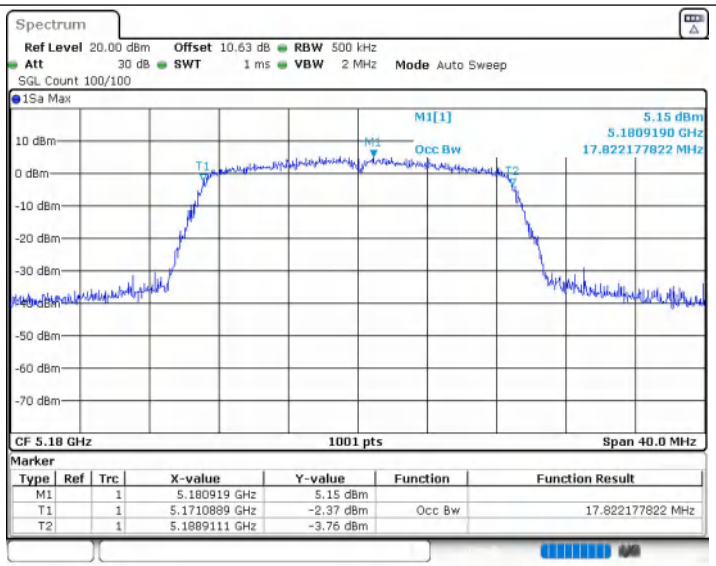

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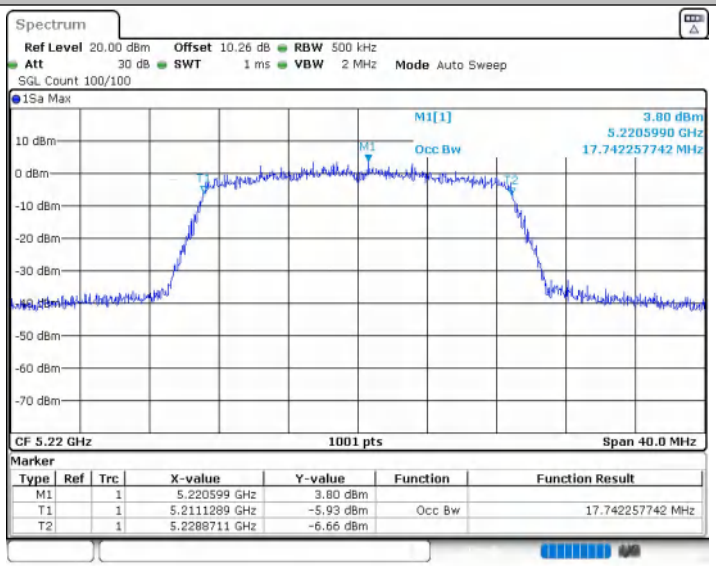

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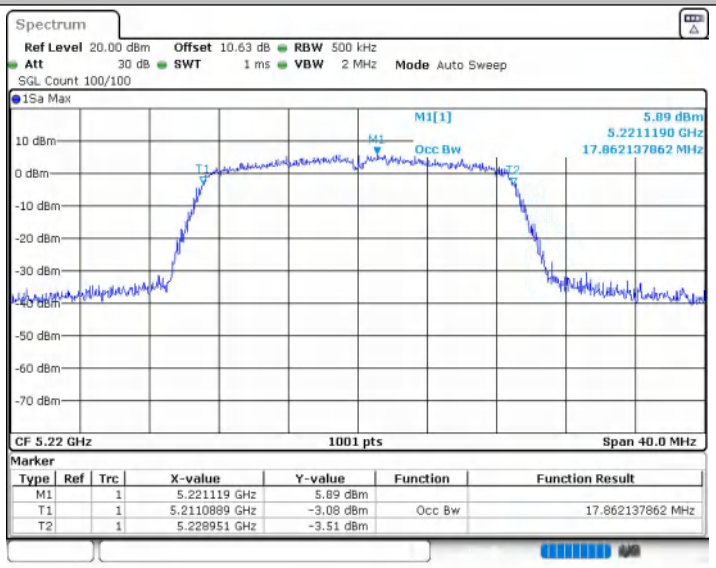

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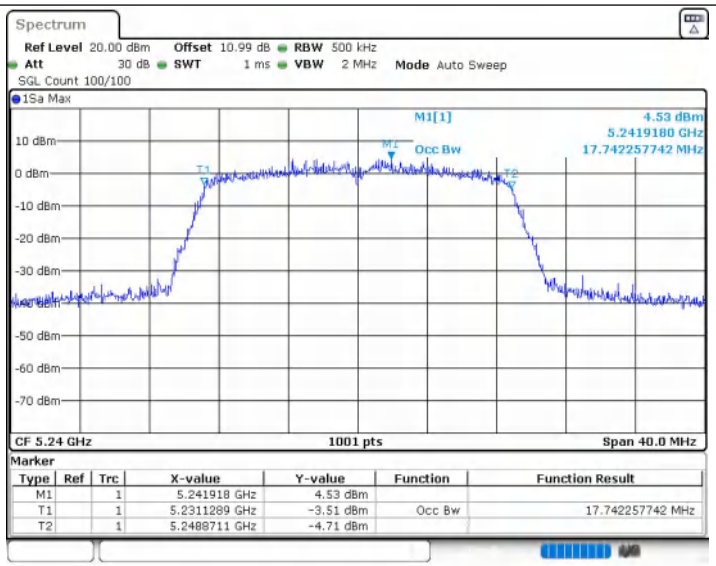

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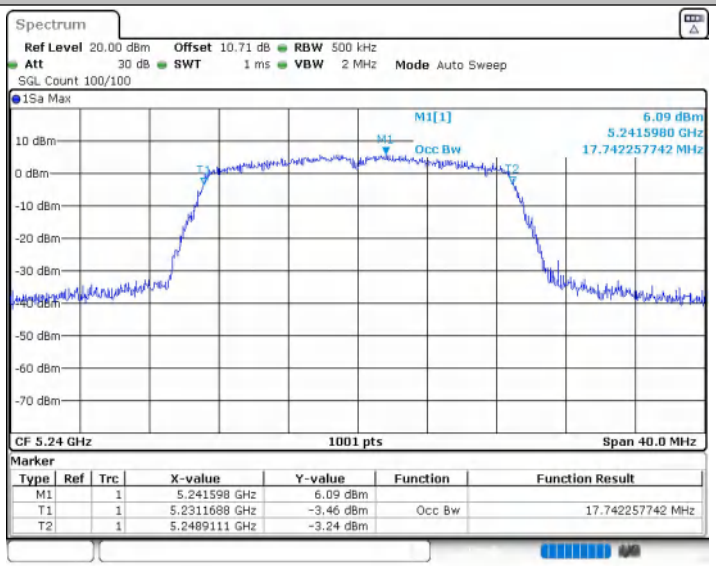

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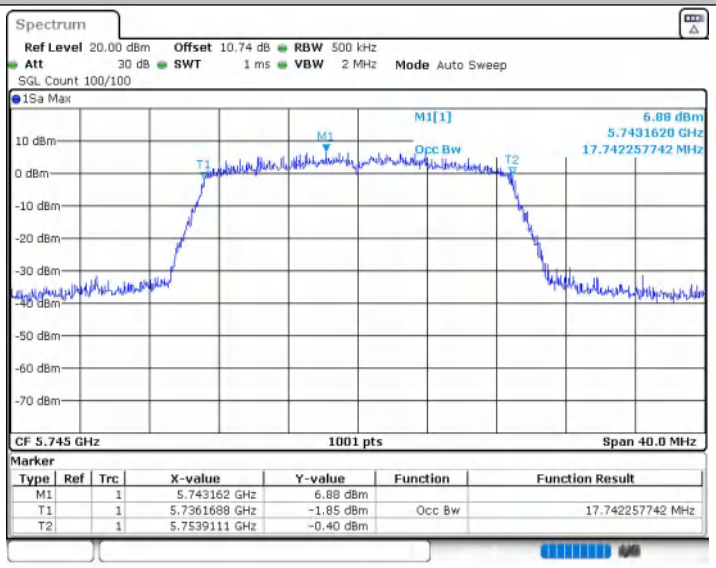

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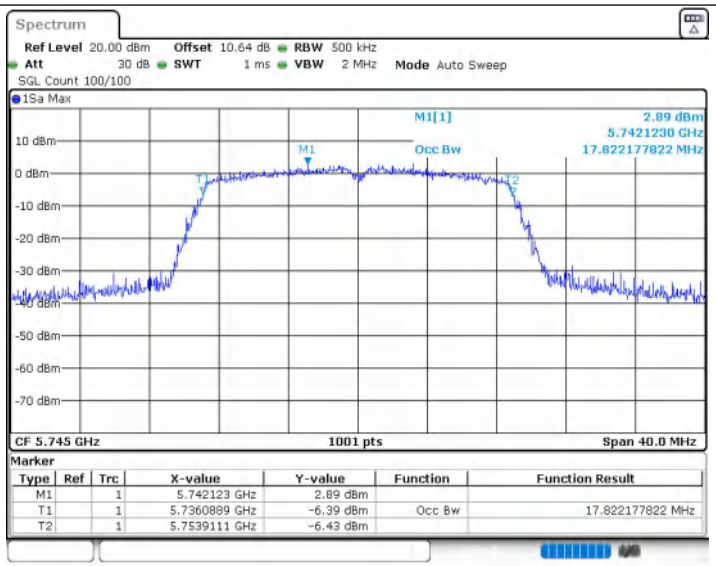

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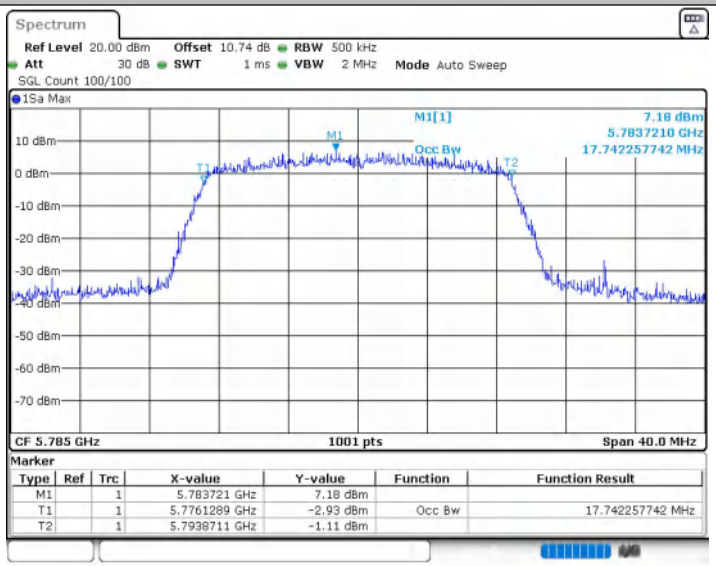

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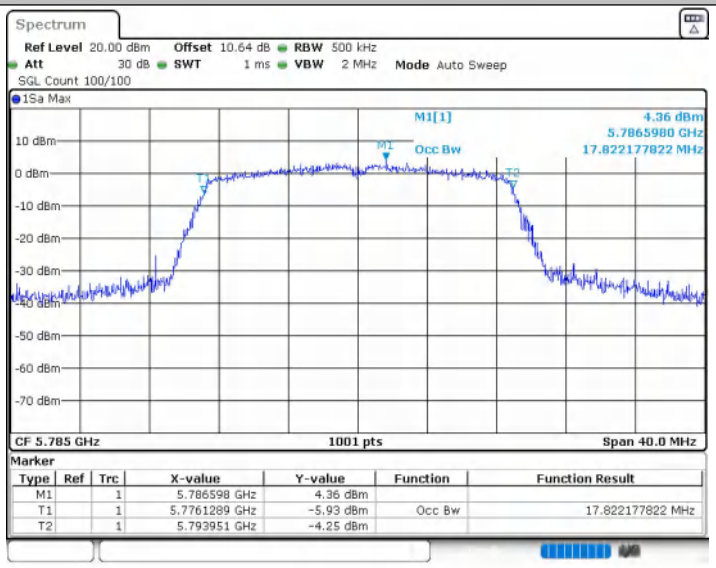

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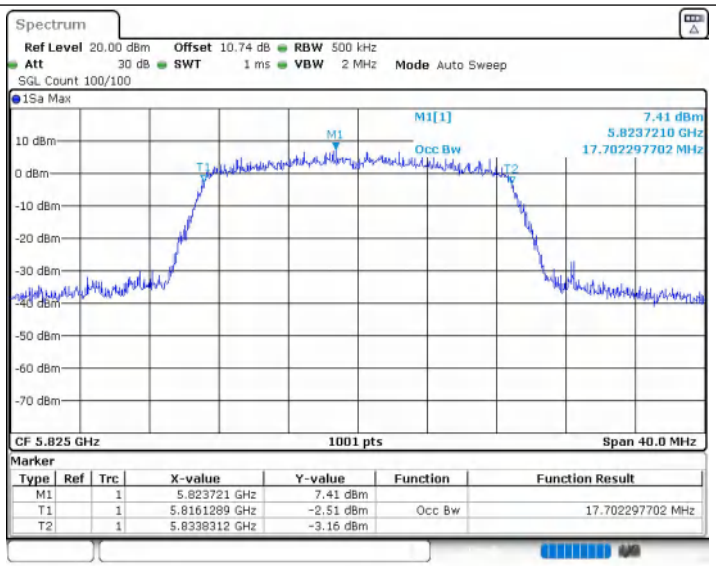

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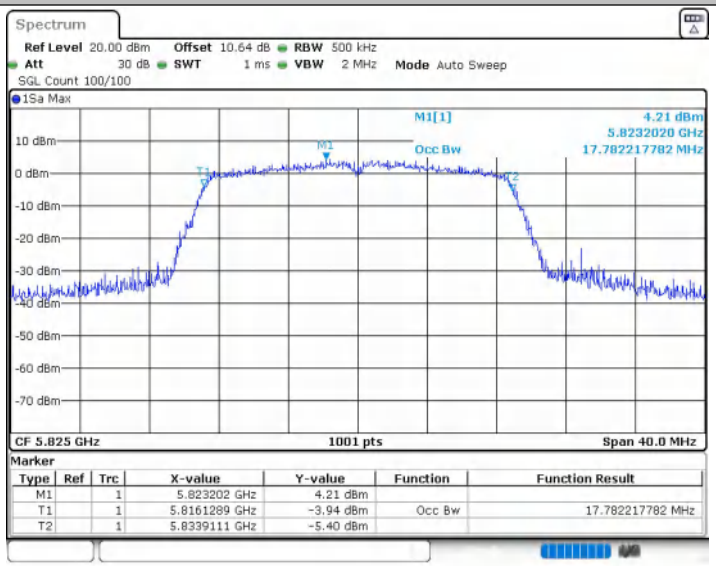

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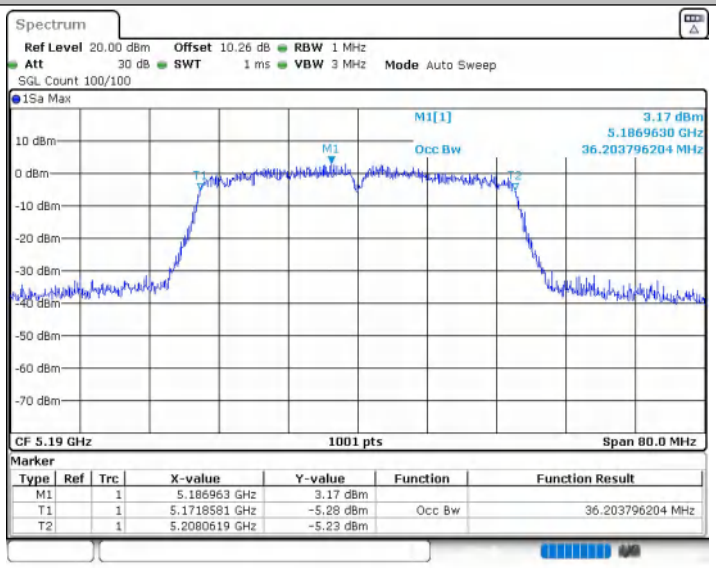

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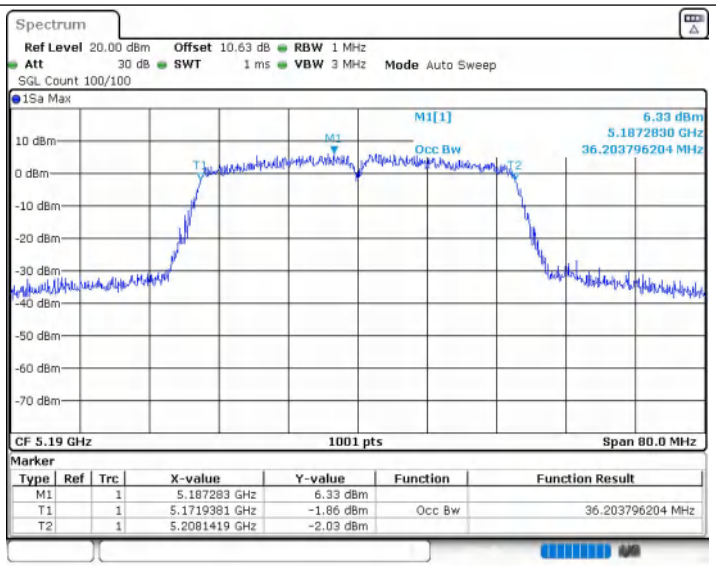

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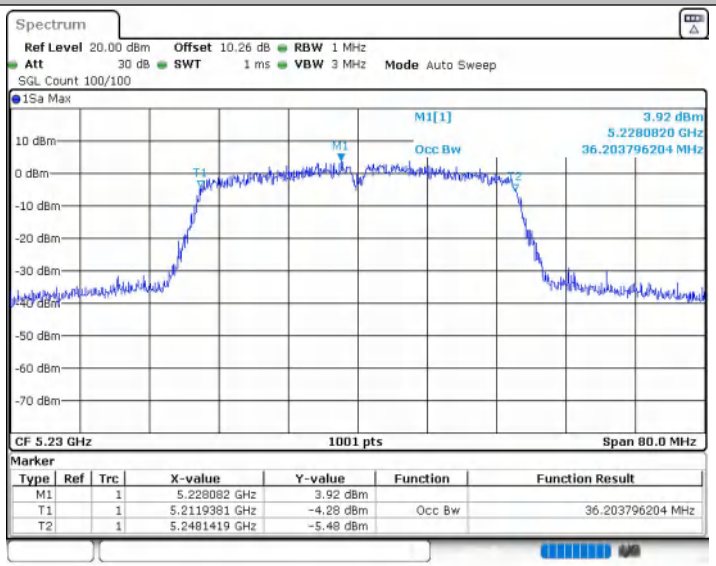

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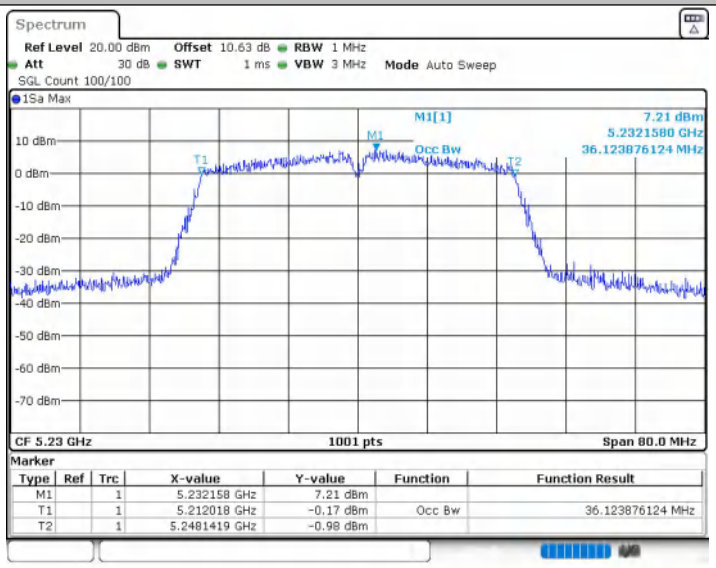

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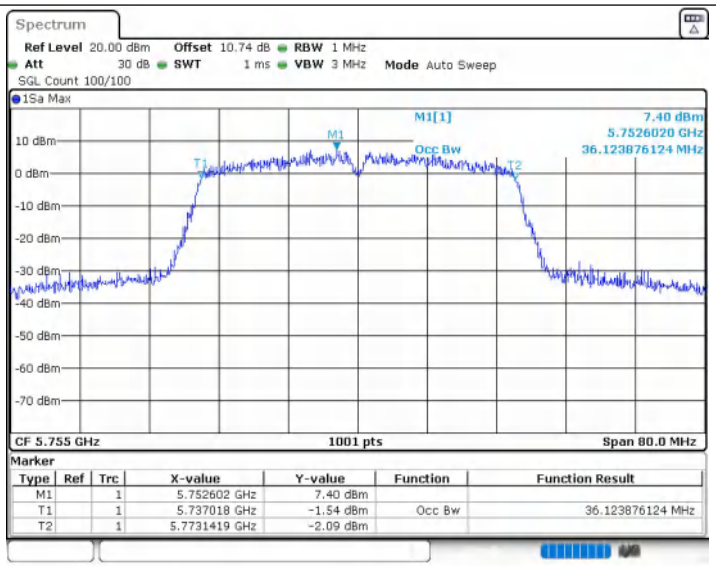

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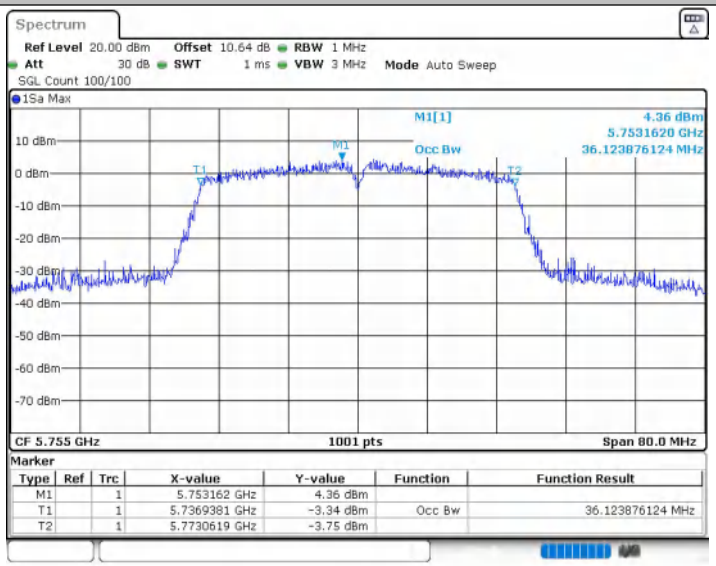

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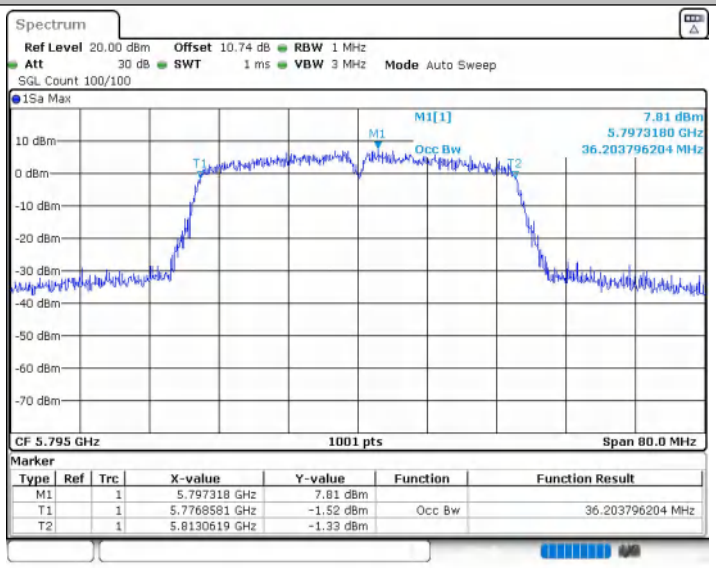

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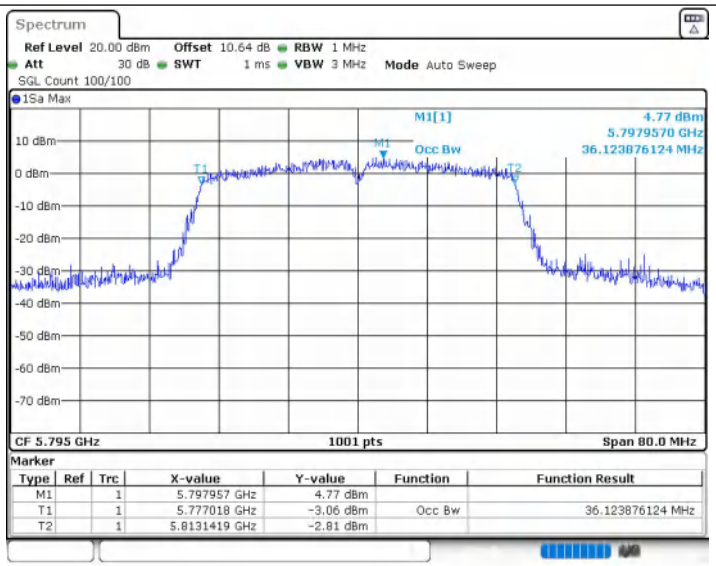

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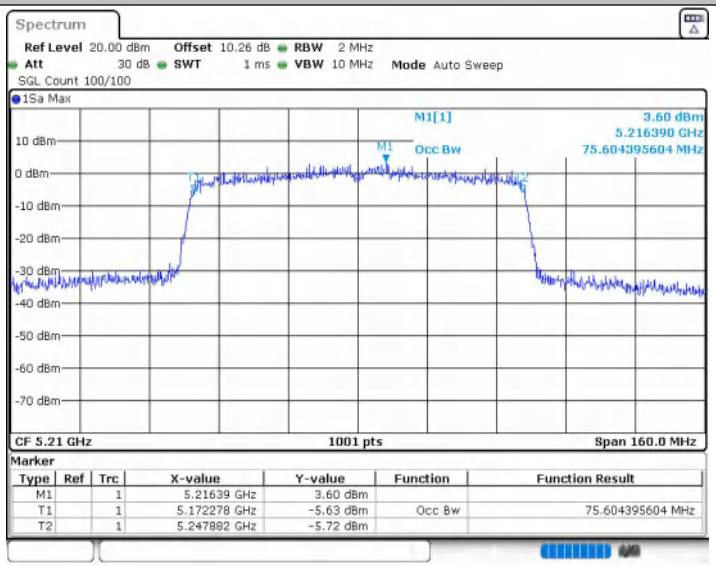

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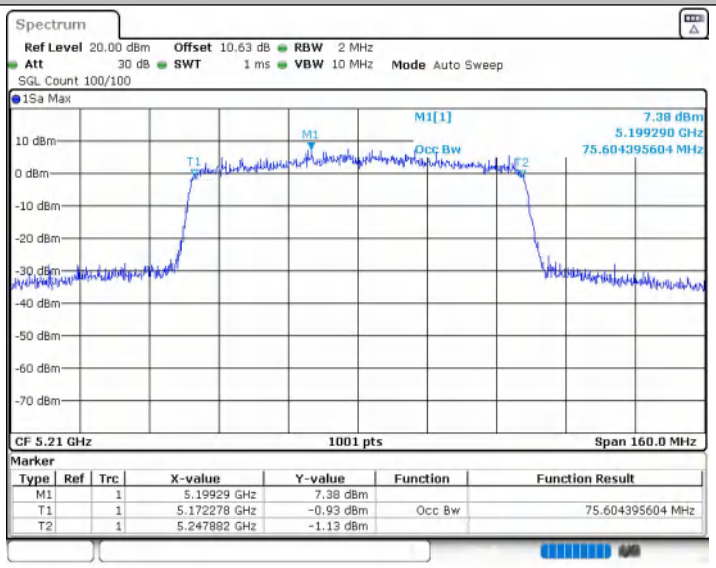

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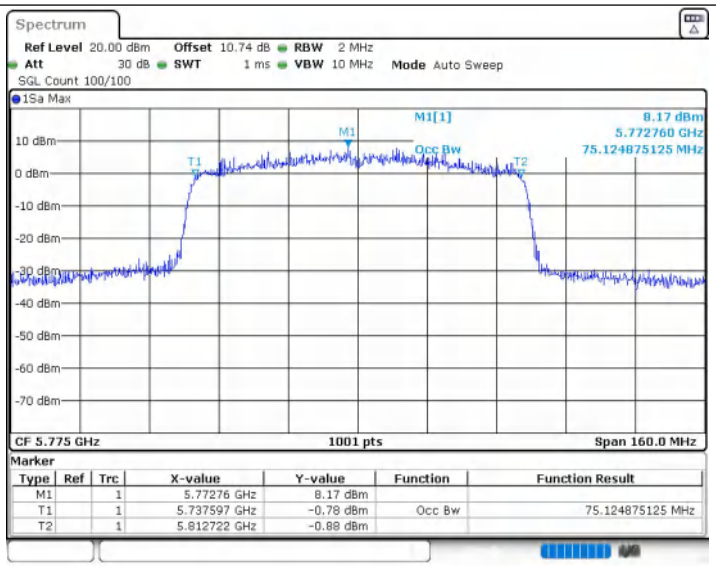

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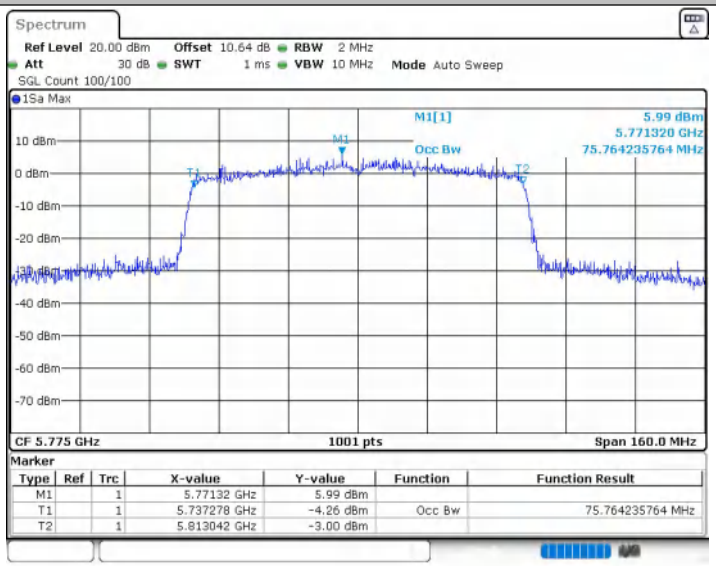


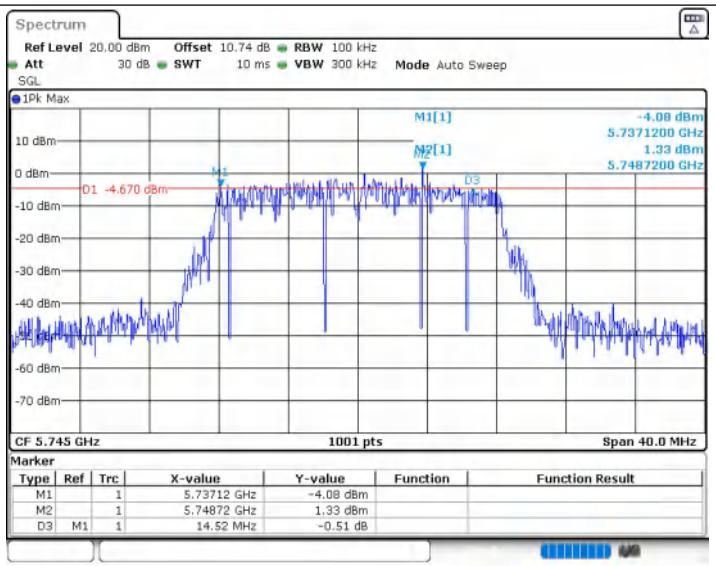
11AC80MIMO_Ant2_5775

Appendix A3: Min emission bandwidth

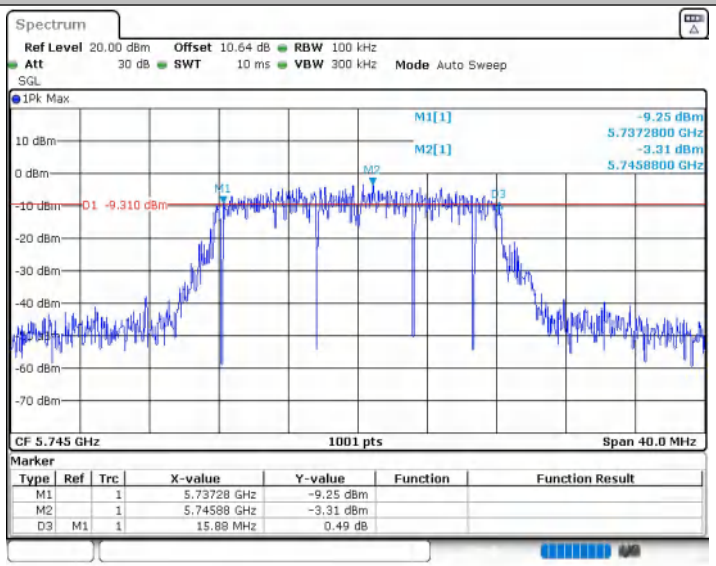
Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	14.52	5737.12	5751.64	≥0.5	PASS
	Ant2	5745	15.88	5737.28	5753.16	≥0.5	PASS
	Ant1	5785	16.32	5776.84	5793.16	≥0.5	PASS
	Ant2	5785	15.68	5777.52	5793.20	≥0.5	PASS
	Ant1	5825	16.00	5817.12	5833.12	≥0.5	PASS
	Ant2	5825	15.72	5817.44	5833.16	≥0.5	PASS
11N20MIMO	Ant1	5745	16.48	5736.84	5753.32	≥0.5	PASS
	Ant2	5745	17.28	5736.52	5753.80	≥0.5	PASS
	Ant1	5785	14.92	5778.48	5793.40	≥0.5	PASS
	Ant2	5785	17.24	5776.56	5793.80	≥0.5	PASS
	Ant1	5825	13.04	5818.52	5831.56	≥0.5	PASS
	Ant2	5825	16.92	5816.60	5833.52	≥0.5	PASS
11N40MIMO	Ant1	5755	33.20	5738.68	5771.88	≥0.5	PASS
	Ant2	5755	35.84	5737.32	5773.16	≥0.5	PASS
	Ant1	5795	34.40	5778.20	5812.60	≥0.5	PASS
	Ant2	5795	35.60	5777.24	5812.84	≥0.5	PASS
11AC20MIMO	Ant1	5745	15.72	5737.44	5753.16	≥0.5	PASS
	Ant2	5745	15.08	5737.48	5752.56	≥0.5	PASS
	Ant1	5785	15.72	5776.84	5792.56	≥0.5	PASS
	Ant2	5785	15.12	5777.44	5792.56	≥0.5	PASS
	Ant1	5825	15.72	5816.84	5832.56	≥0.5	PASS
	Ant2	5825	15.00	5817.52	5832.52	≥0.5	PASS
11AC40MIMO	Ant1	5755	35.04	5737.48	5772.52	≥0.5	PASS
	Ant2	5755	35.12	5737.48	5772.60	≥0.5	PASS
	Ant1	5795	35.20	5777.40	5812.60	≥0.5	PASS
	Ant2	5795	35.12	5777.48	5812.60	≥0.5	PASS
11AC80MIMO	Ant1	5775	75.20	5737.40	5812.60	≥0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	≥0.5	PASS

Test Graphs B4



11A_Ant1_5745



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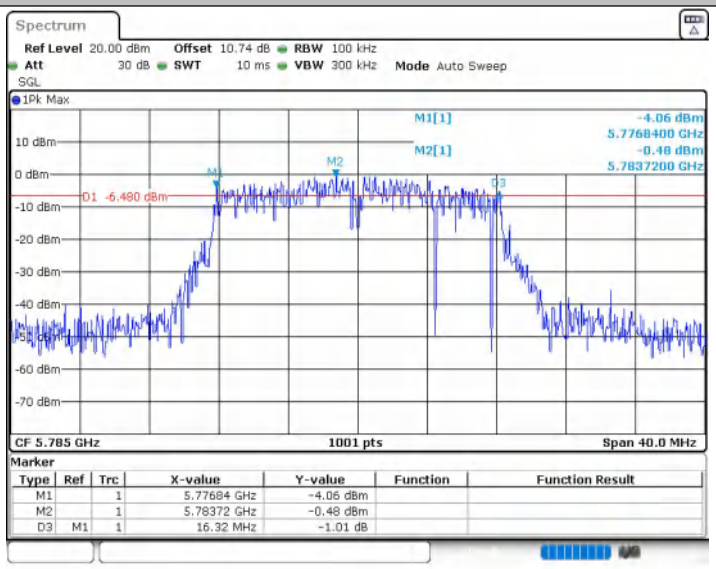

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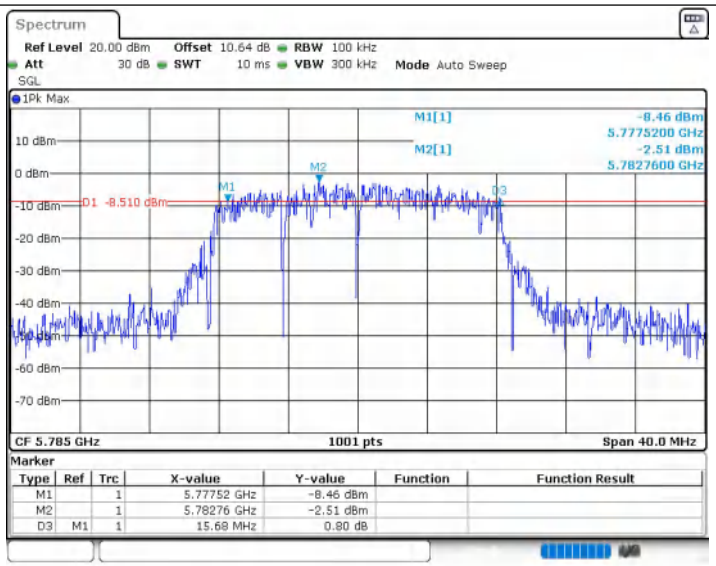

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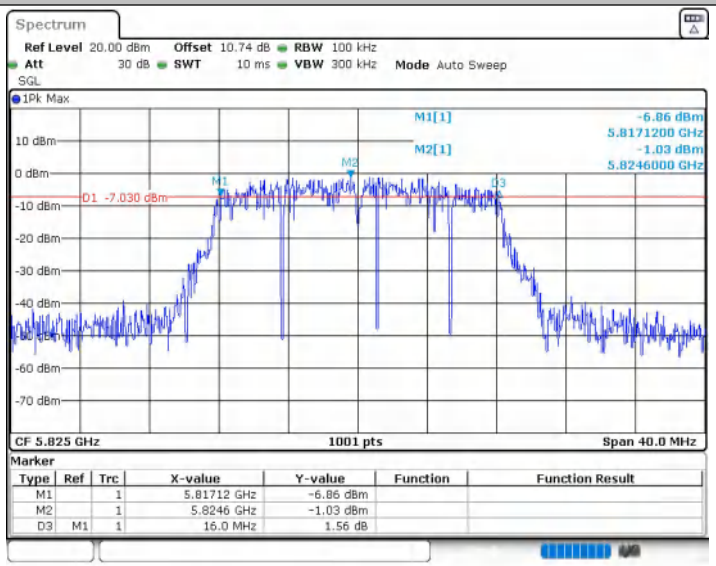

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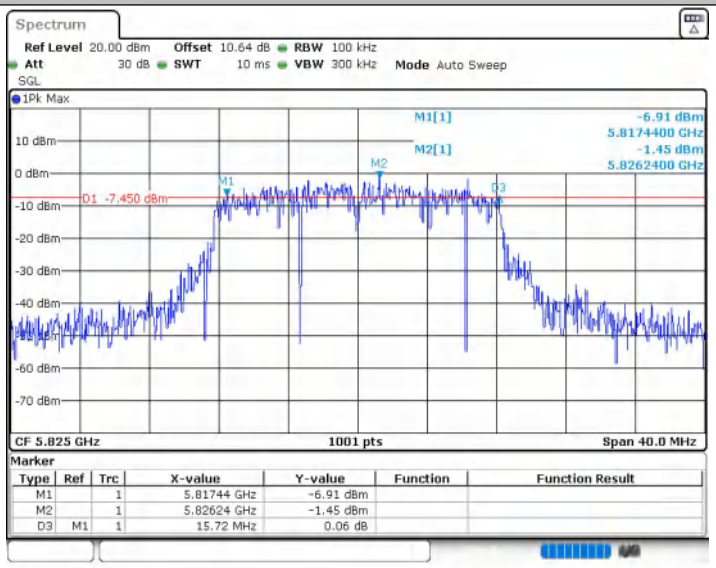

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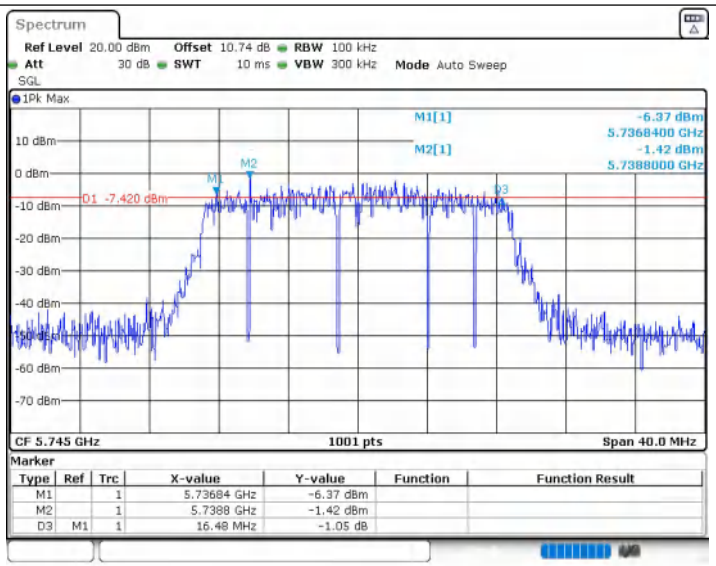

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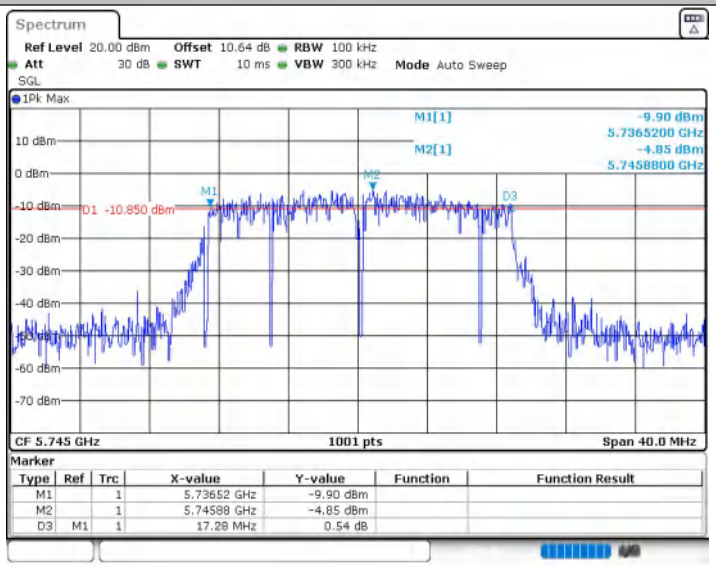

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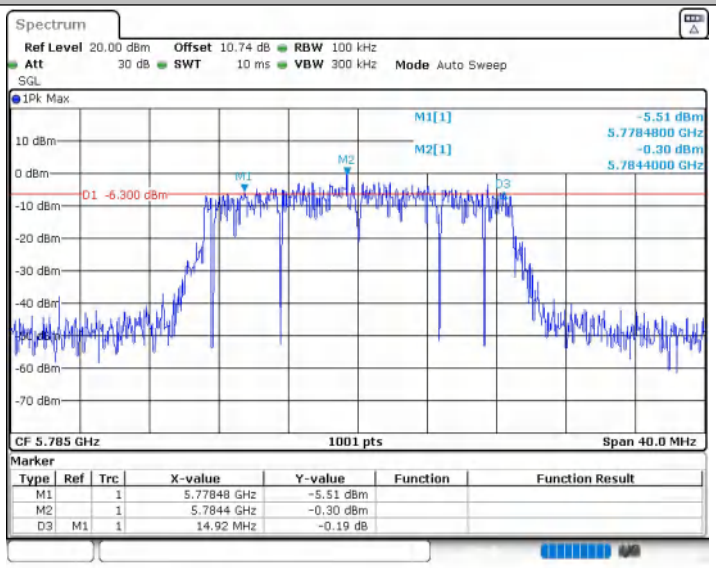

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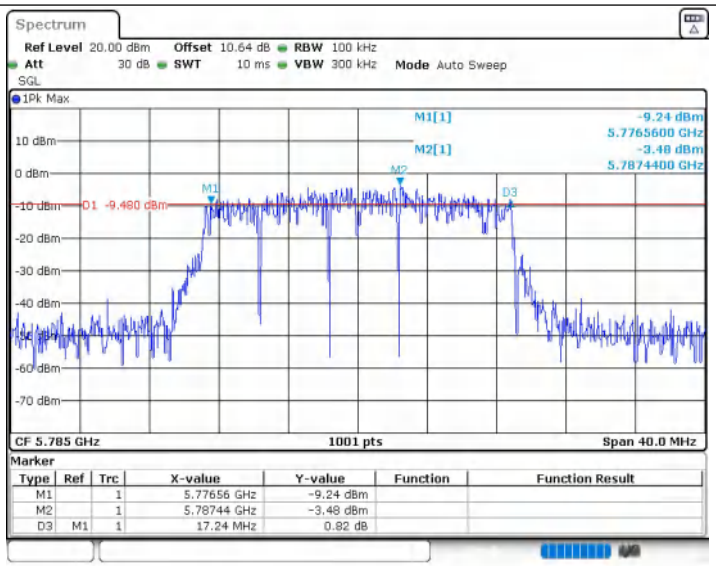

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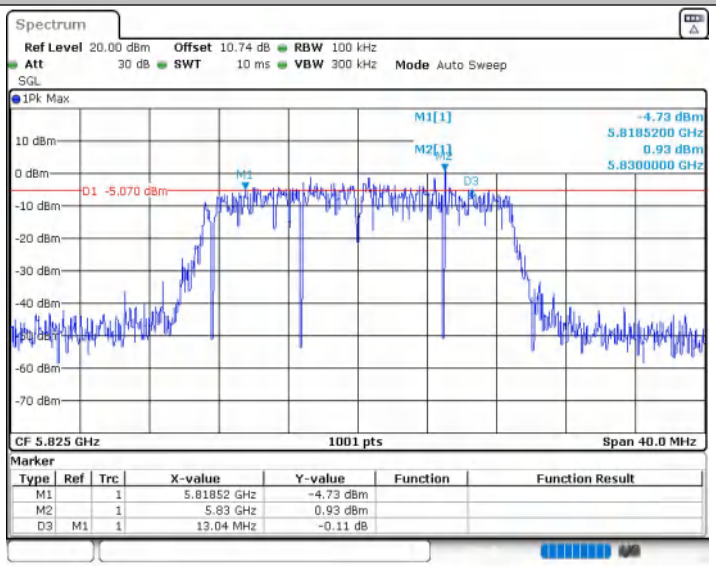

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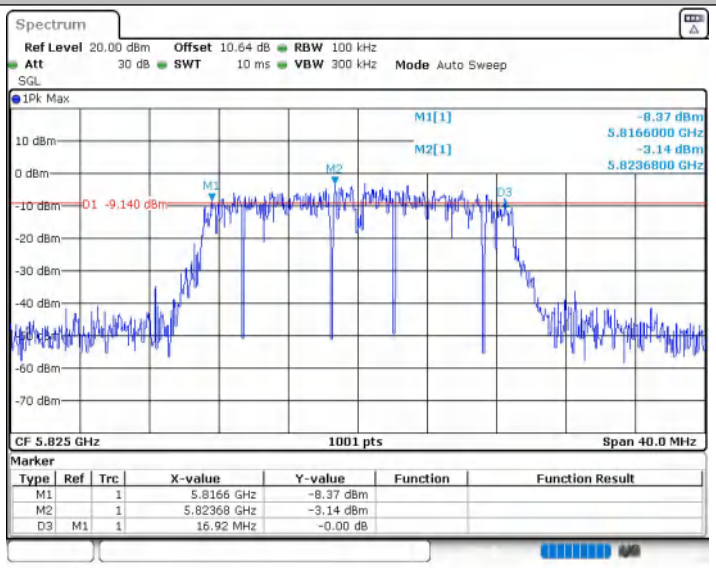

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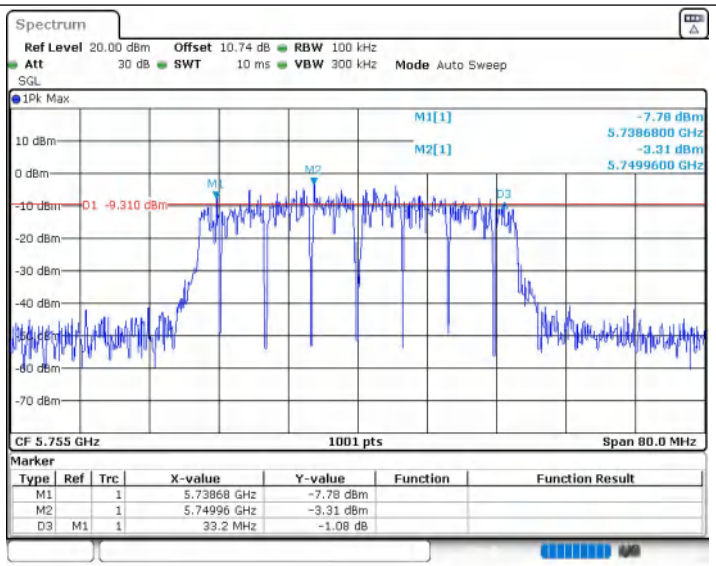

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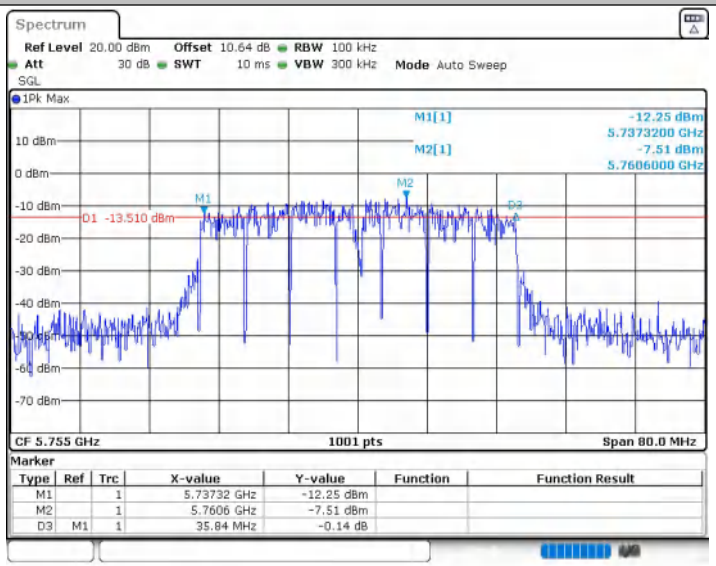

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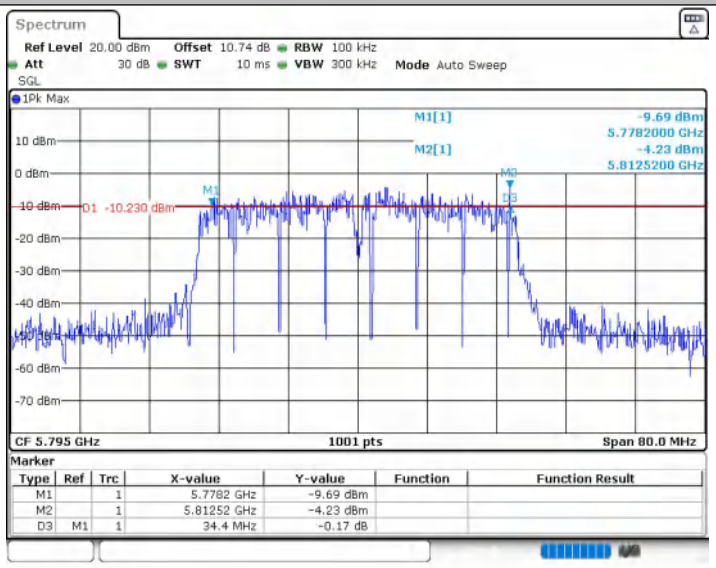

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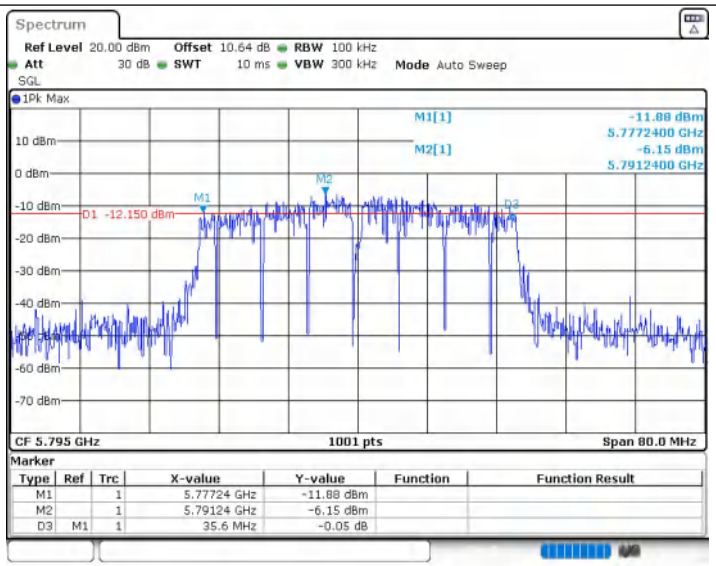

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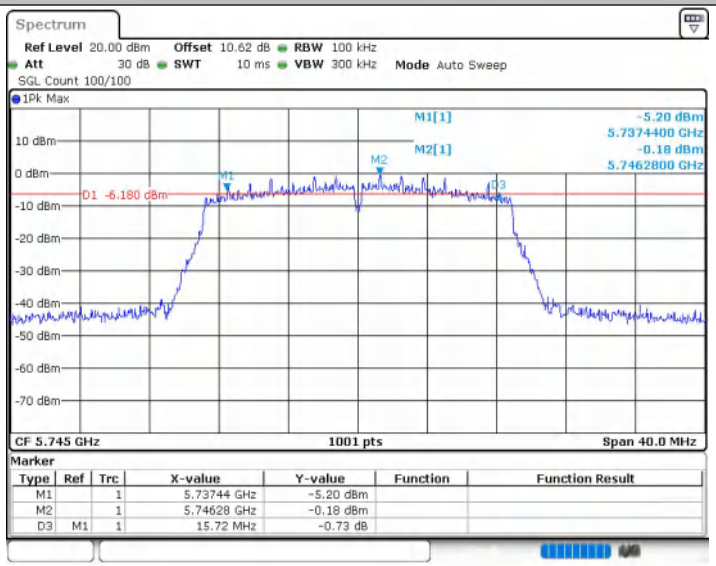

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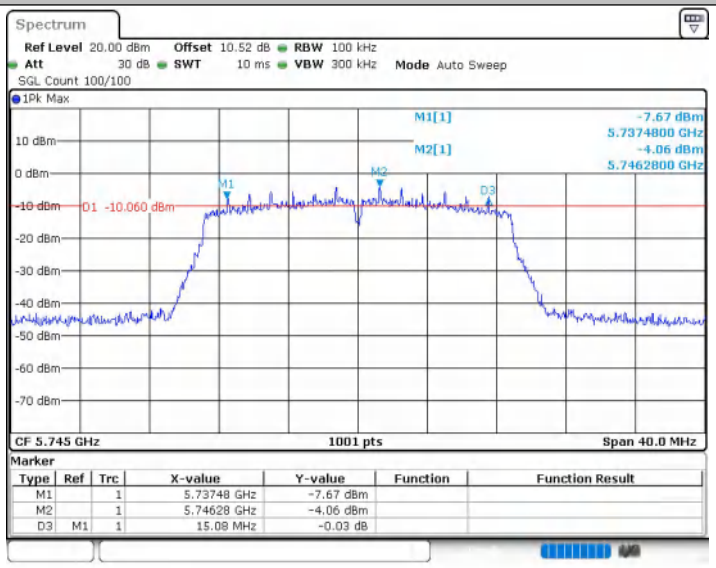
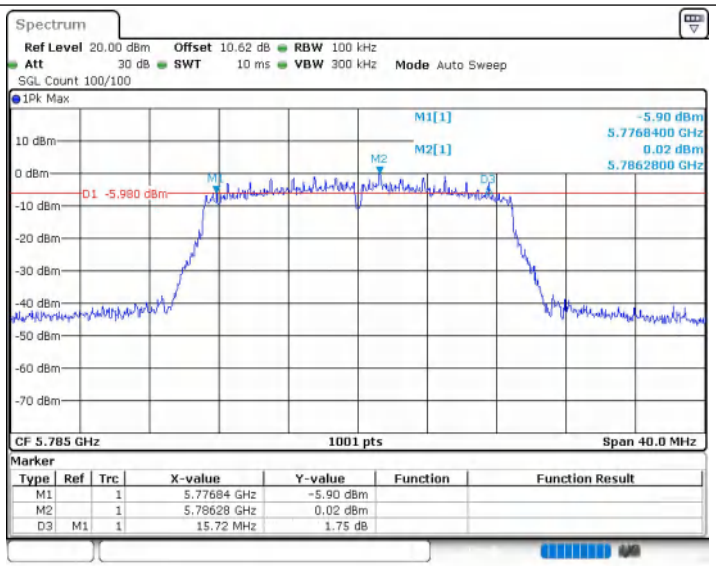


11AC20MIMO_Ant2_5745



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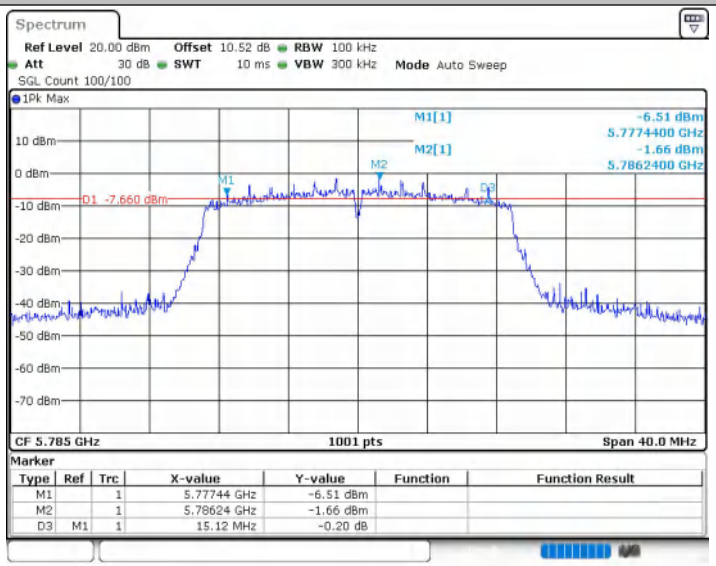

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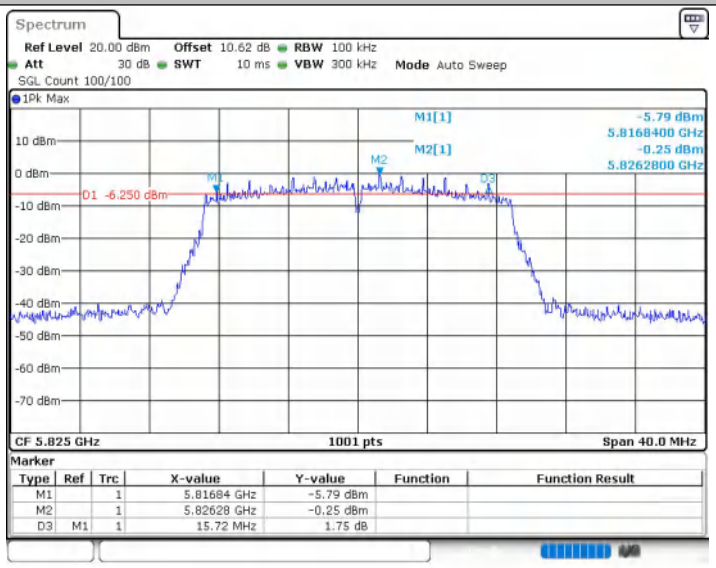

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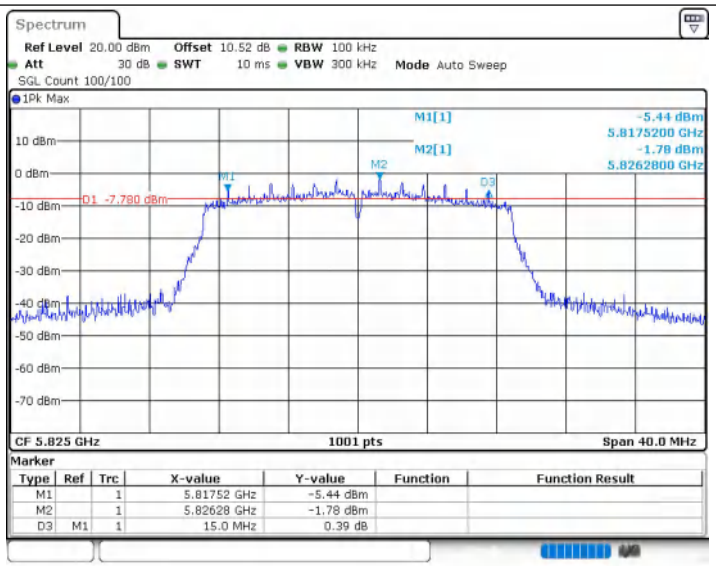

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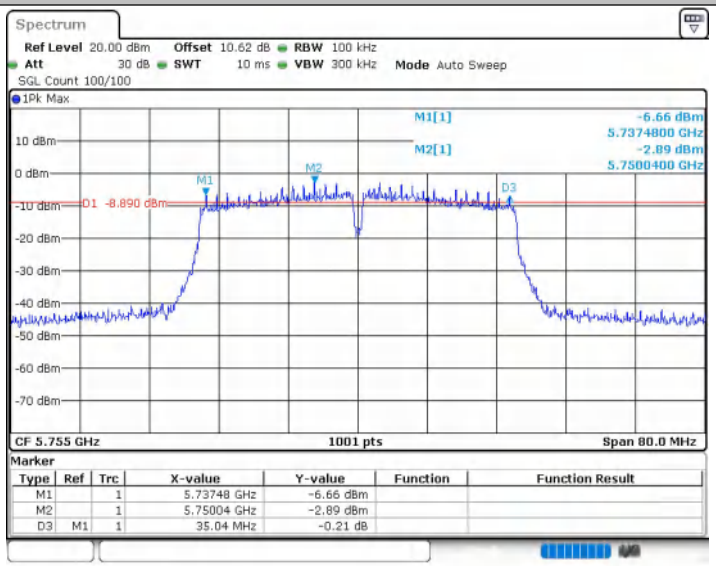

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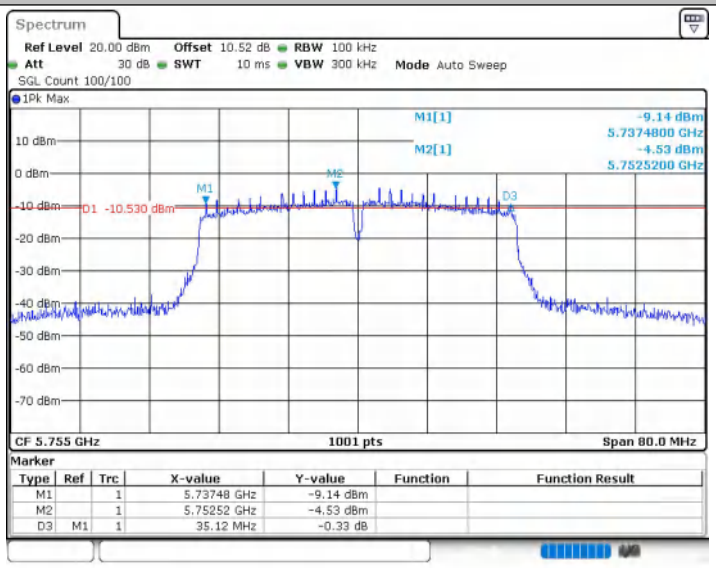

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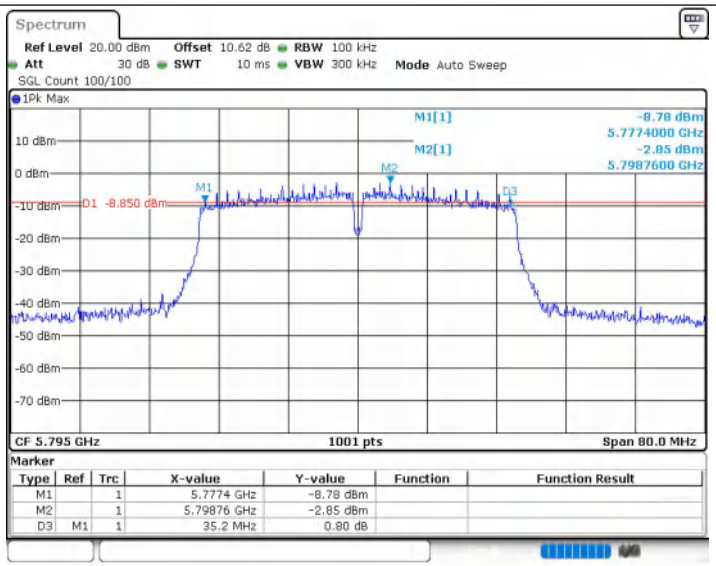

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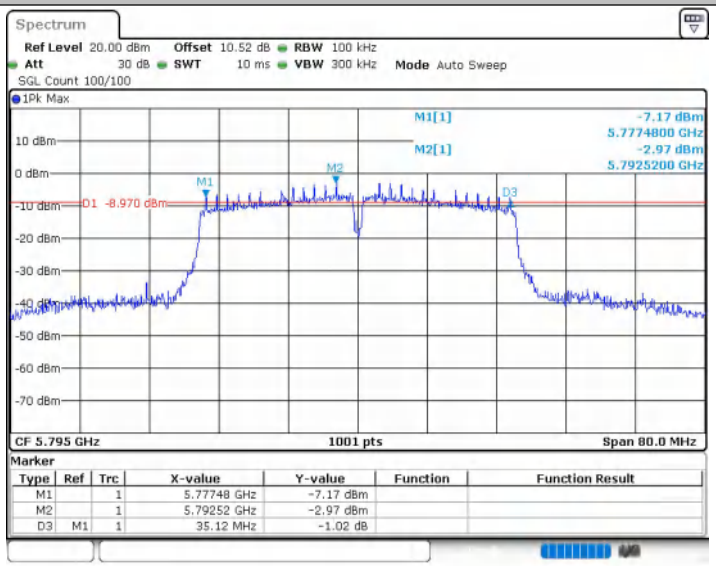

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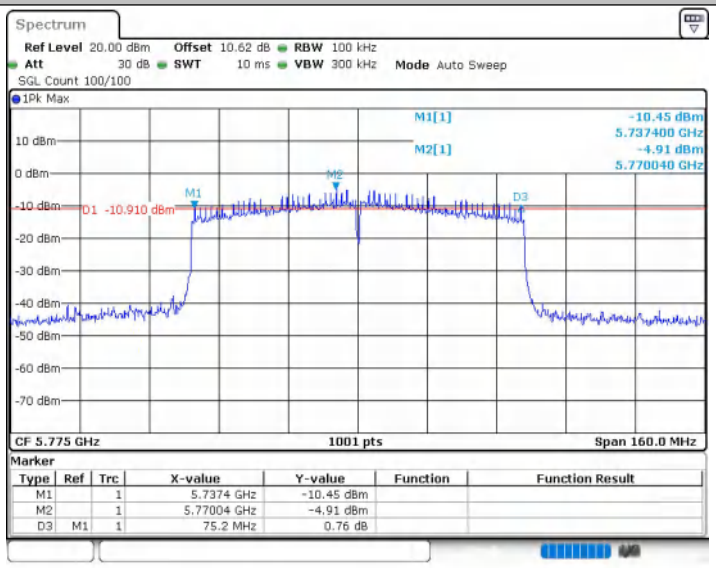

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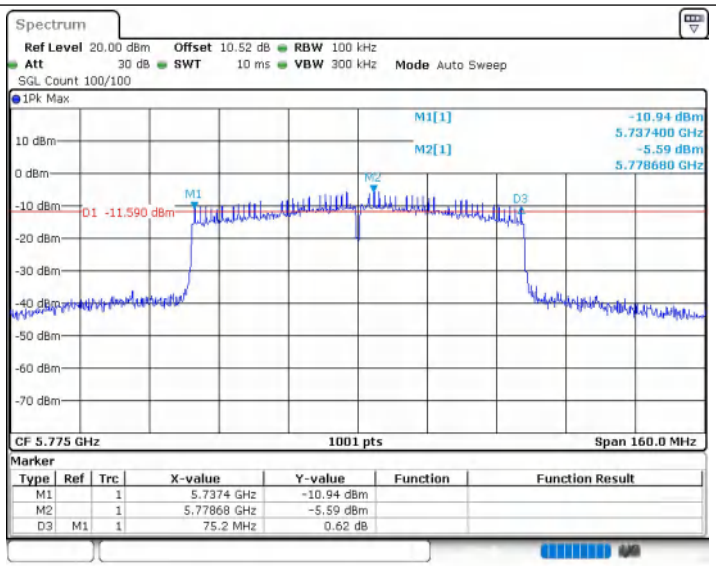


11AC80MIMO_Ant2_5775

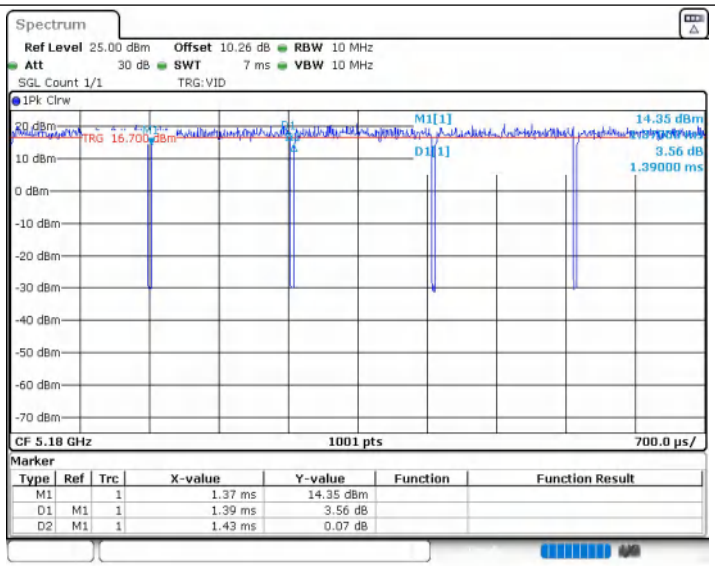
Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.39	1.43	97.20	---	---
	Ant2	5180	1.39	1.43	97.20	---	---
	Ant1	5220	1.39	1.43	97.20	---	---
	Ant2	5220	1.38	1.43	96.50	---	---
	Ant1	5240	1.39	1.43	97.20	---	---
	Ant2	5240	1.39	1.42	97.89	---	---
	Ant1	5745	1.39	1.43	97.20	---	---
	Ant2	5745	1.40	1.43	97.90	---	---
	Ant1	5785	1.39	1.43	97.20	---	---
	Ant2	5785	1.39	1.43	97.20	---	---
	Ant1	5825	1.39	1.43	97.20	---	---
	Ant2	5825	1.39	1.43	97.20	---	---
11N20MIMO	Ant1	5180	1.29	1.33	96.99	---	---
	Ant2	5180	1.30	1.33	97.74	---	---
	Ant1	5220	1.29	1.33	96.99	---	---
	Ant2	5220	1.30	1.34	97.01	---	---
	Ant1	5240	1.30	1.33	97.74	---	---
	Ant2	5240	1.29	1.34	96.27	---	---
	Ant1	5745	1.29	1.34	96.27	---	---
	Ant2	5745	1.30	1.34	97.01	---	---
	Ant1	5785	1.29	1.33	96.99	---	---
	Ant2	5785	1.30	1.34	97.01	---	---
	Ant1	5825	1.30	1.33	97.74	---	---
	Ant2	5825	1.30	1.34	97.01	---	---
11N40MIMO	Ant1	5190	0.65	0.69	94.20	---	---
	Ant2	5190	0.65	0.69	94.20	---	---
	Ant1	5230	0.65	0.69	94.20	---	---
	Ant2	5230	0.65	0.69	94.20	---	---
	Ant1	5755	0.65	0.69	94.20	---	---
	Ant2	5755	0.65	0.69	94.20	---	---
	Ant1	5795	0.65	0.68	95.59	---	---
	Ant2	5795	0.64	0.68	94.12	---	---
11AC20MIMO	Ant1	5180	0.68	0.72	94.44	---	---
	Ant2	5180	0.68	0.72	94.44	---	---
	Ant1	5220	0.68	0.72	94.44	---	---
	Ant2	5220	0.68	0.71	95.77	---	---
	Ant1	5240	0.68	0.72	94.44	---	---
	Ant2	5240	0.68	0.72	94.44	---	---
	Ant1	5745	0.68	0.72	94.44	---	---
	Ant2	5745	0.68	0.72	94.44	---	---
	Ant1	5785	0.68	0.71	95.77	---	---

	Ant2	5785	0.68	0.71	95.77	---	---
	Ant1	5825	0.68	0.71	95.77	---	---
	Ant2	5825	0.68	0.72	94.44	---	---
11AC40MIMO	Ant1	5190	0.35	0.39	89.74	---	---
	Ant2	5190	0.35	0.39	89.74	---	---
	Ant1	5230	0.35	0.39	89.74	---	---
	Ant2	5230	0.35	0.38	92.11	---	---
	Ant1	5755	0.35	0.39	89.74	---	---
	Ant2	5755	0.35	0.39	89.74	---	---
	Ant1	5795	0.35	0.39	89.74	---	---
	Ant2	5795	0.35	0.39	89.74	---	---
11AC80MIMO	Ant1	5210	0.19	0.22	86.36	---	---
	Ant2	5210	0.19	0.23	82.61	---	---
	Ant1	5775	0.19	0.23	82.61	---	---
	Ant2	5775	0.18	0.22	81.82	---	---

Test Graphs



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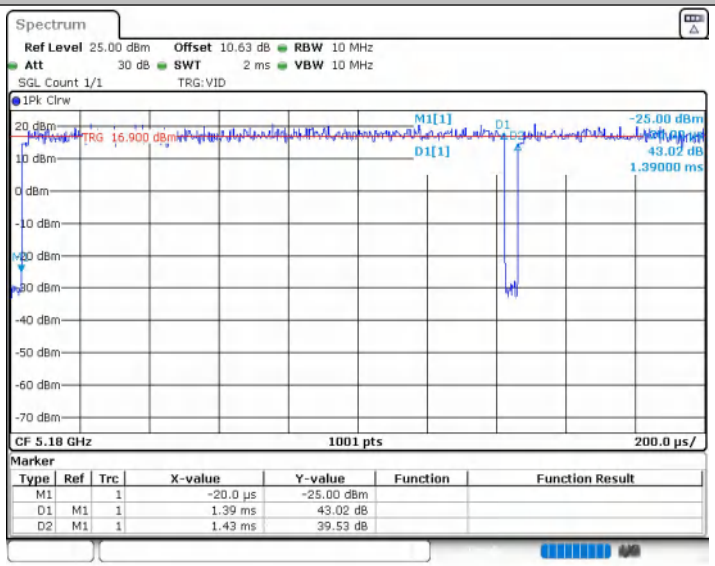

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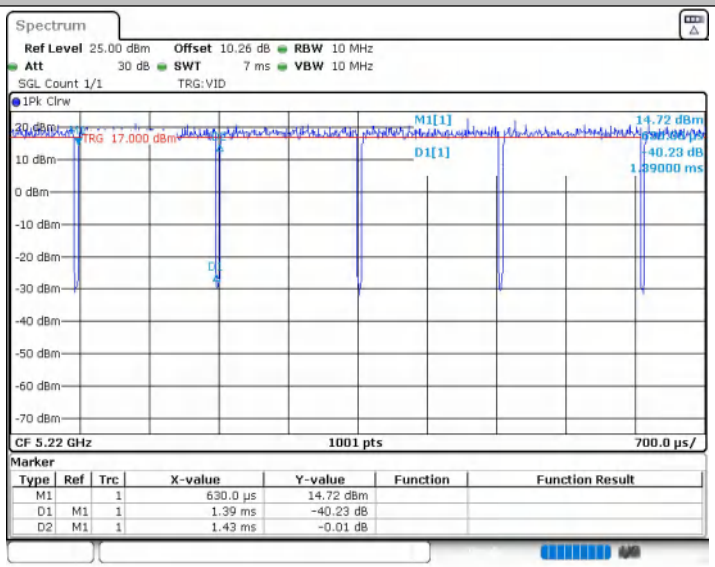

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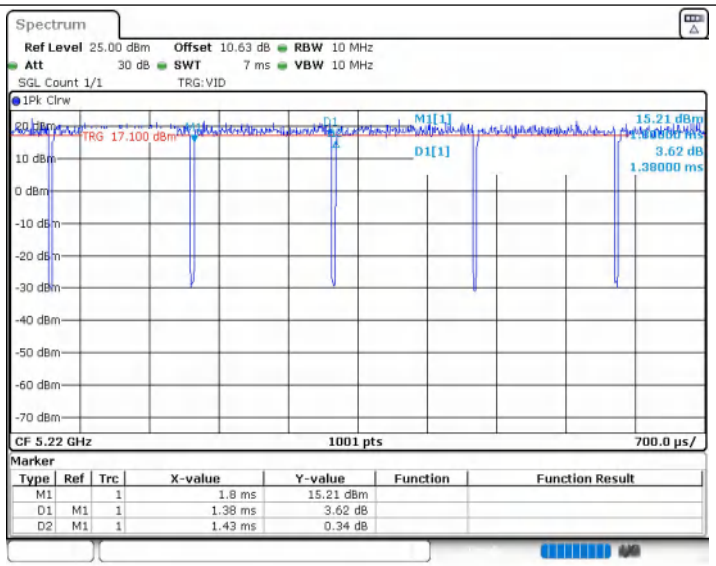

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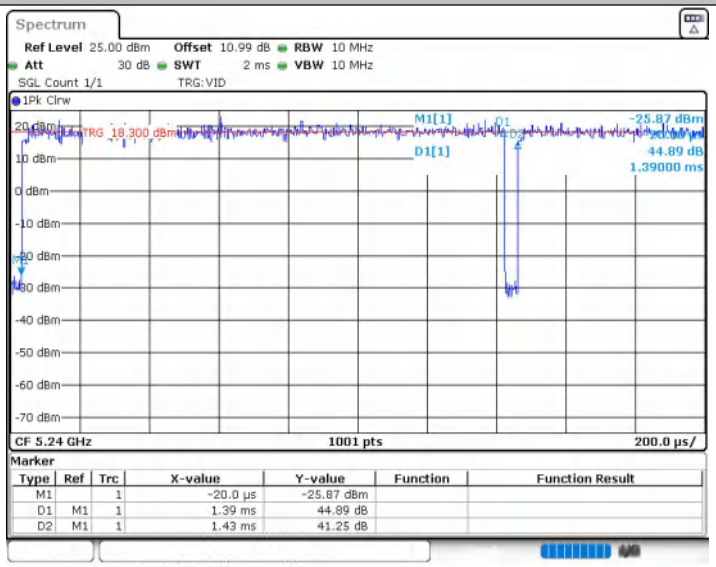

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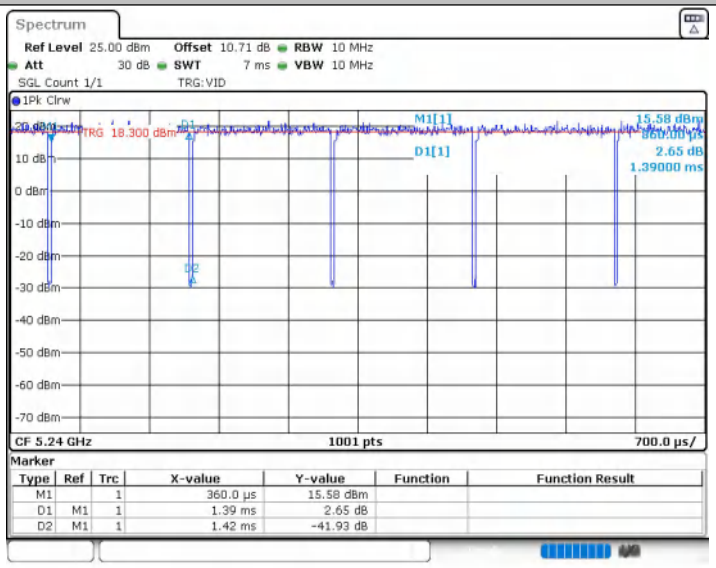

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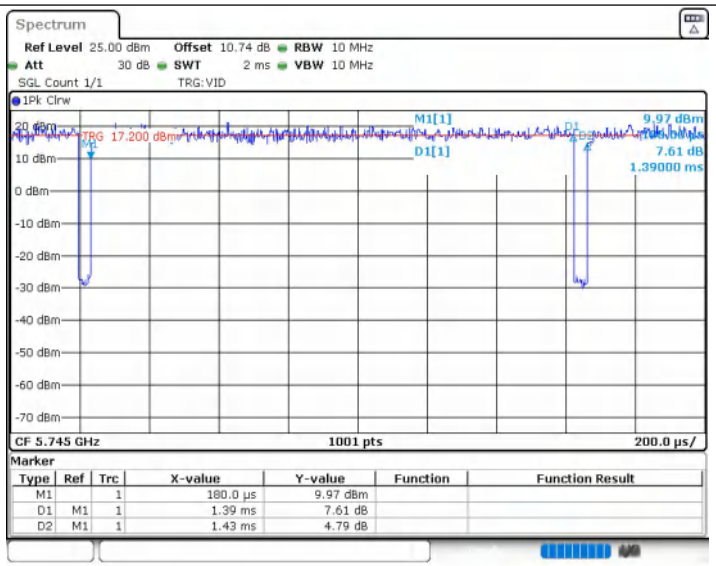

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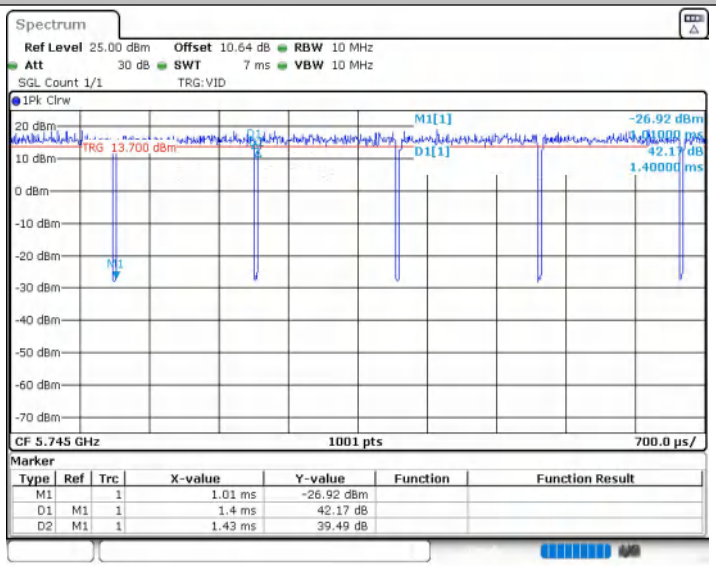

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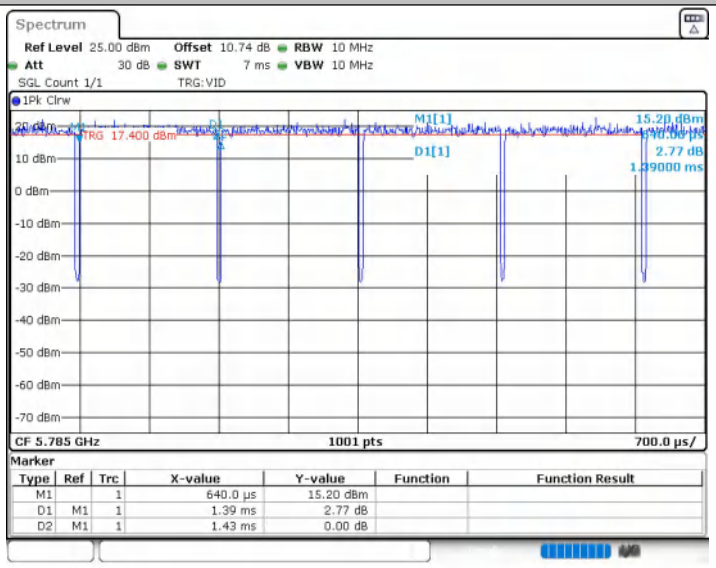

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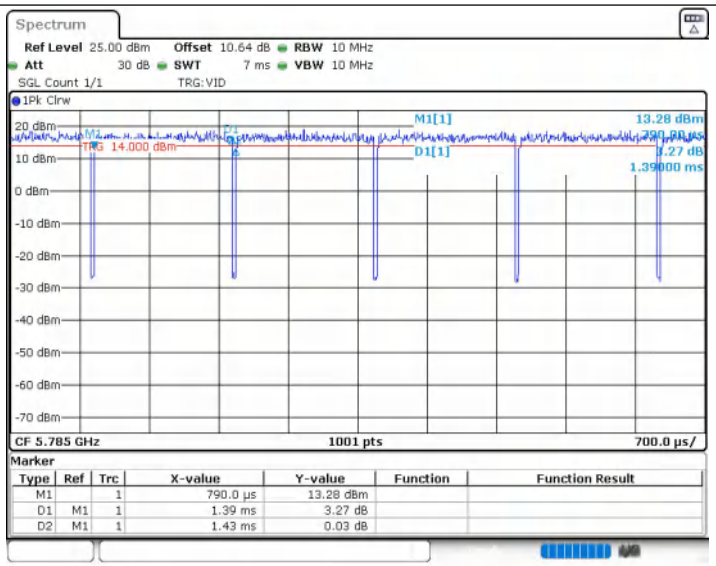

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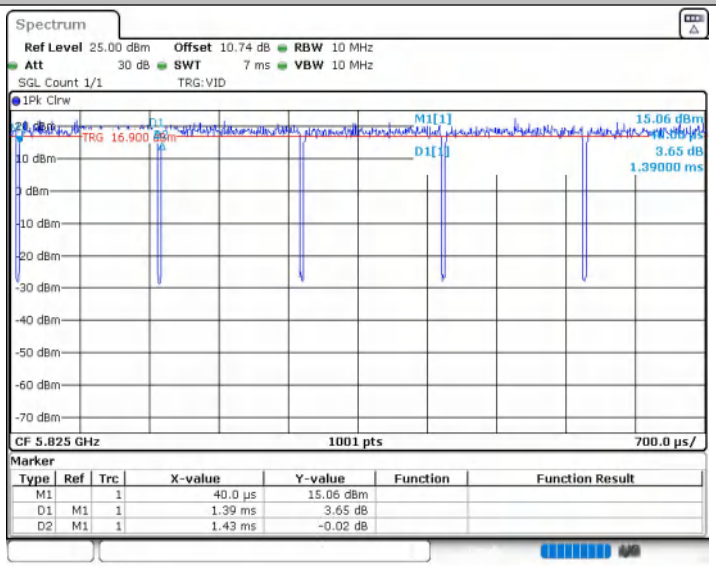

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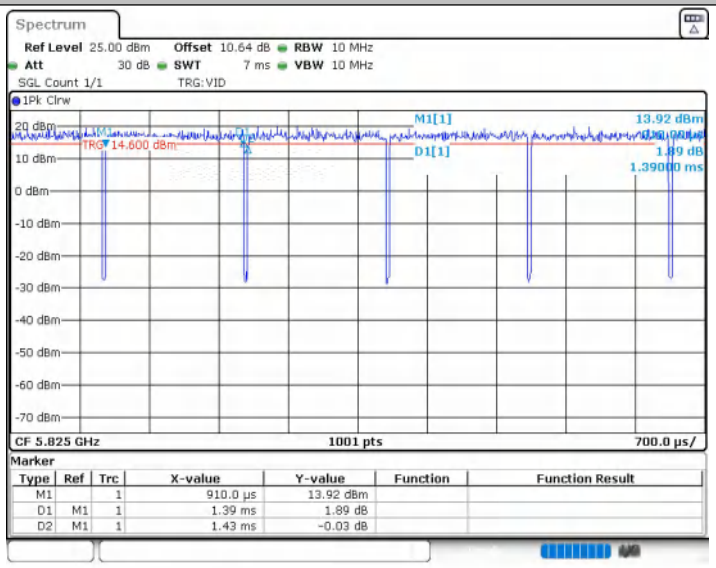

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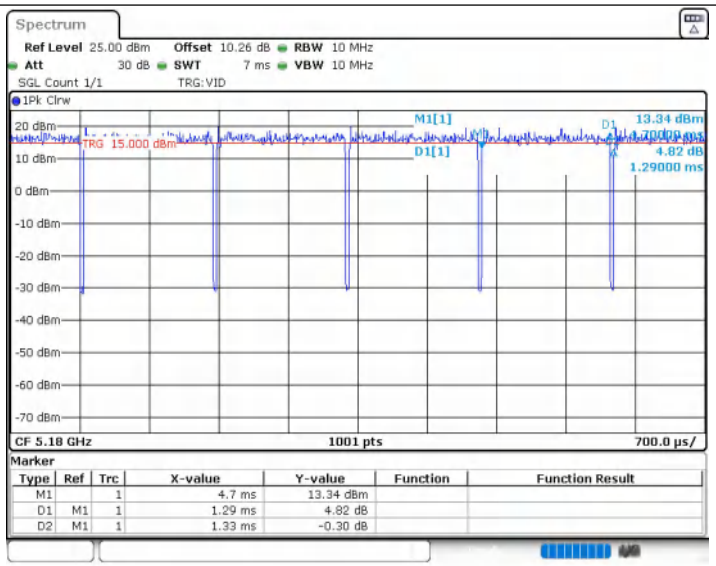
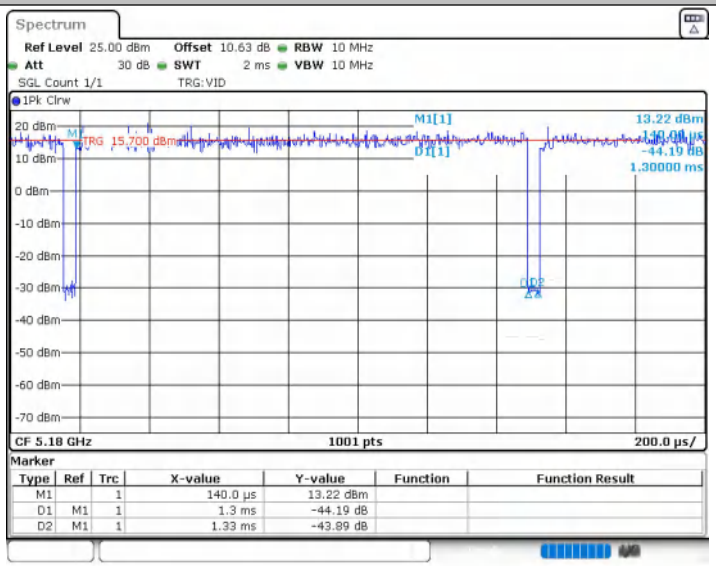


11N20MIMO_Ant1_5180



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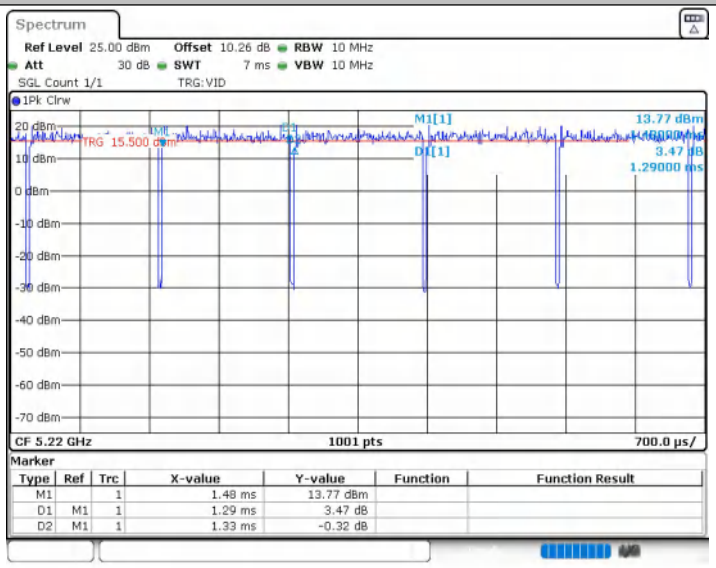

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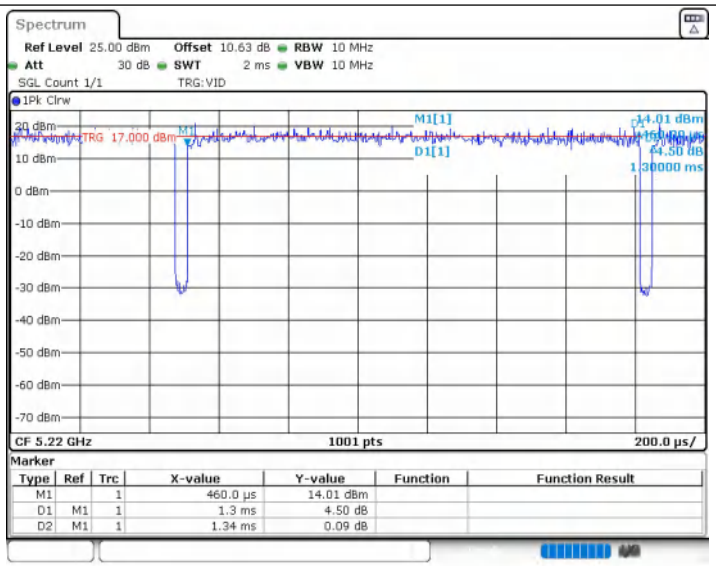

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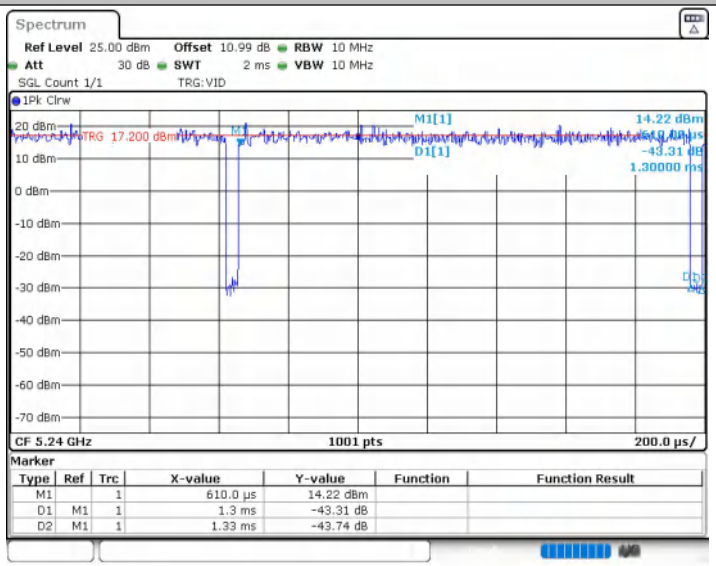

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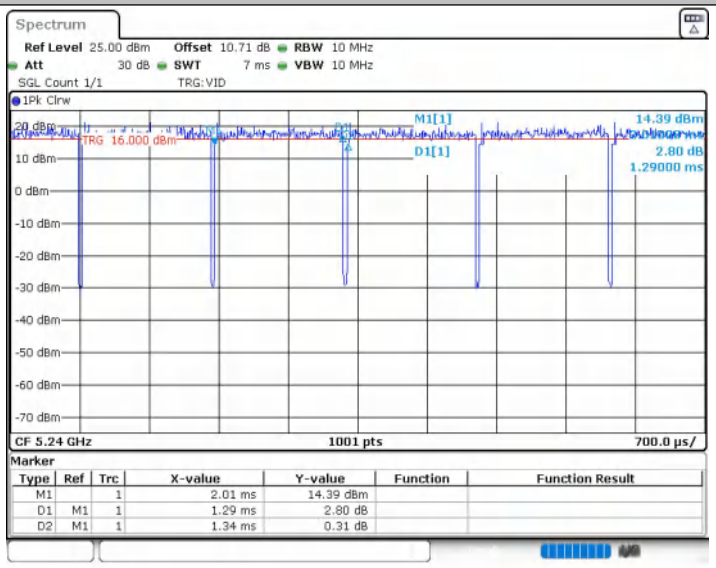

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