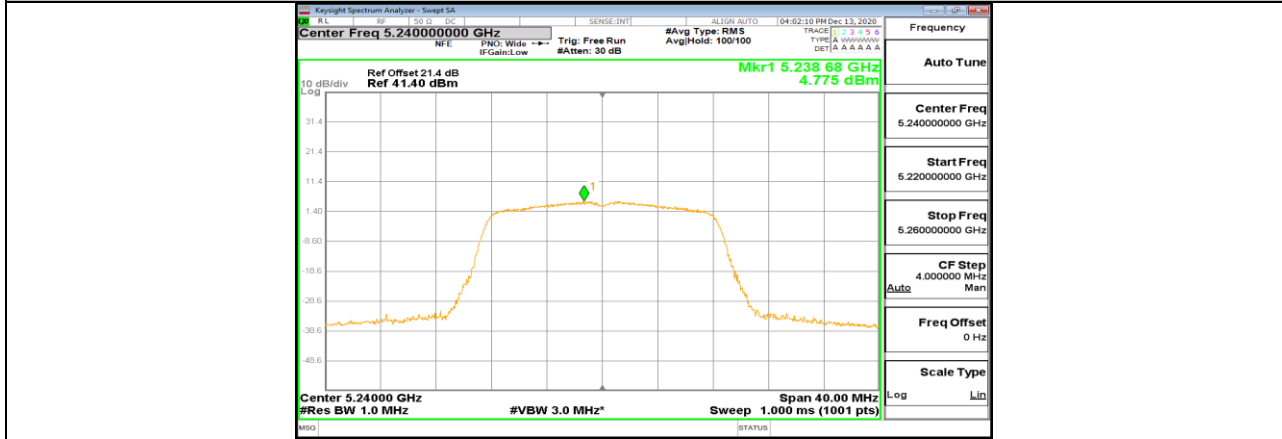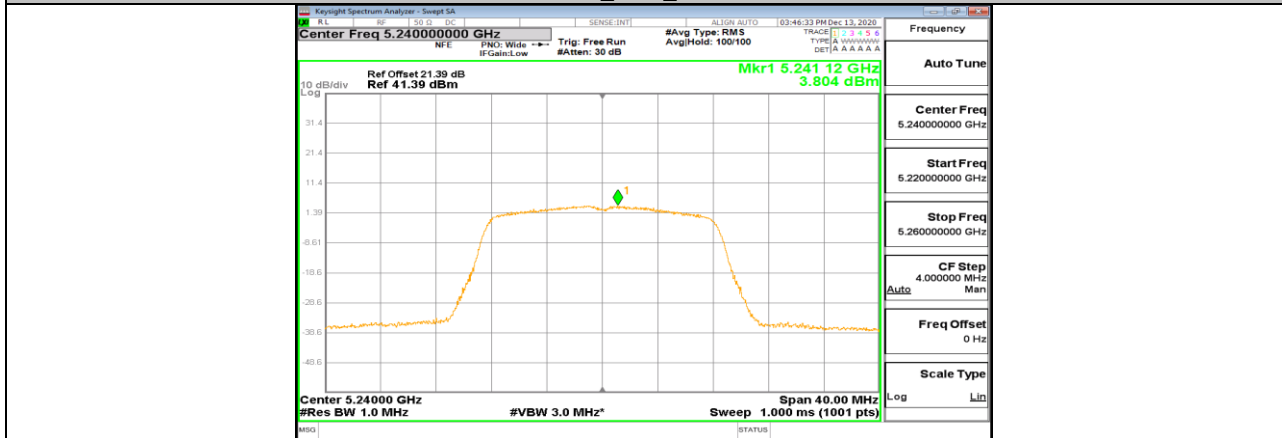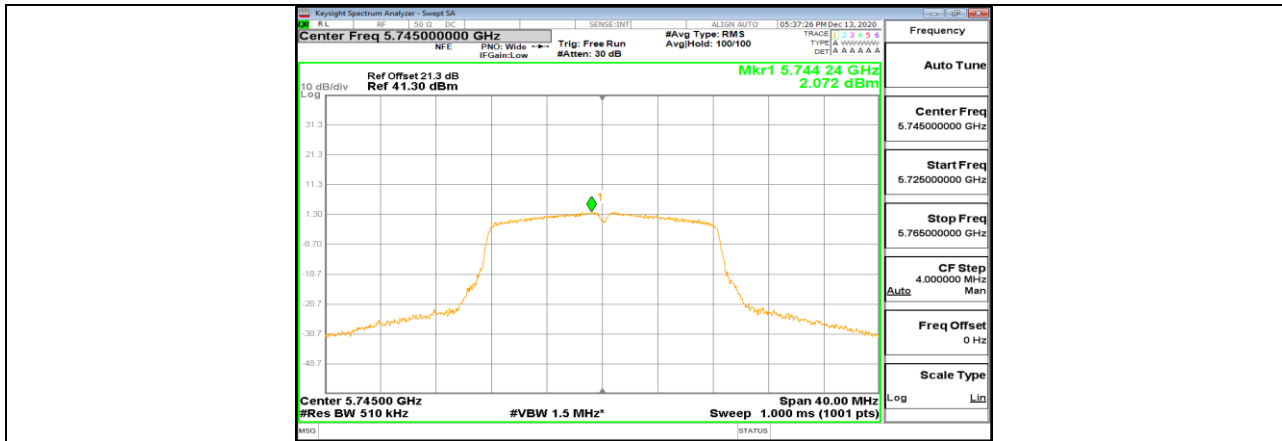11A_Ant2_5200
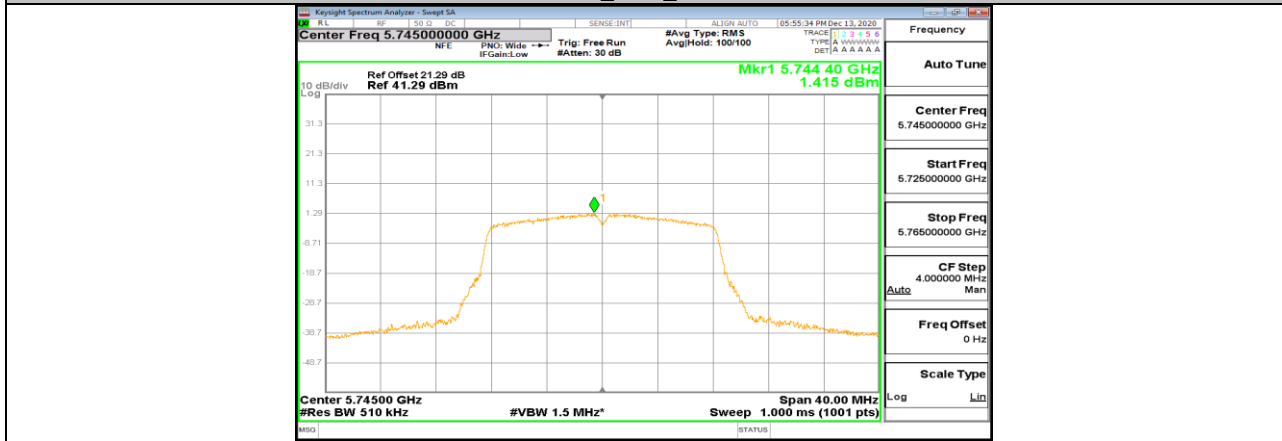

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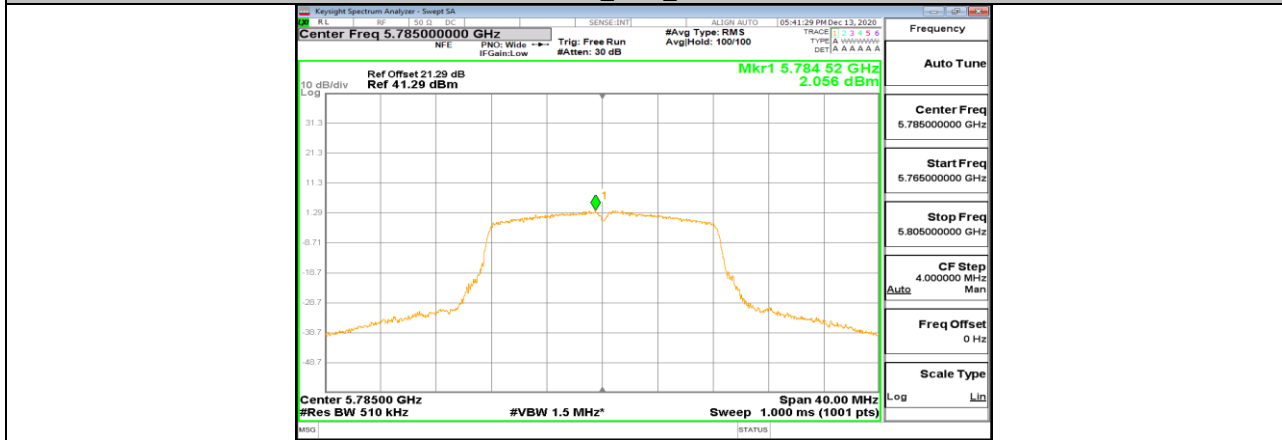

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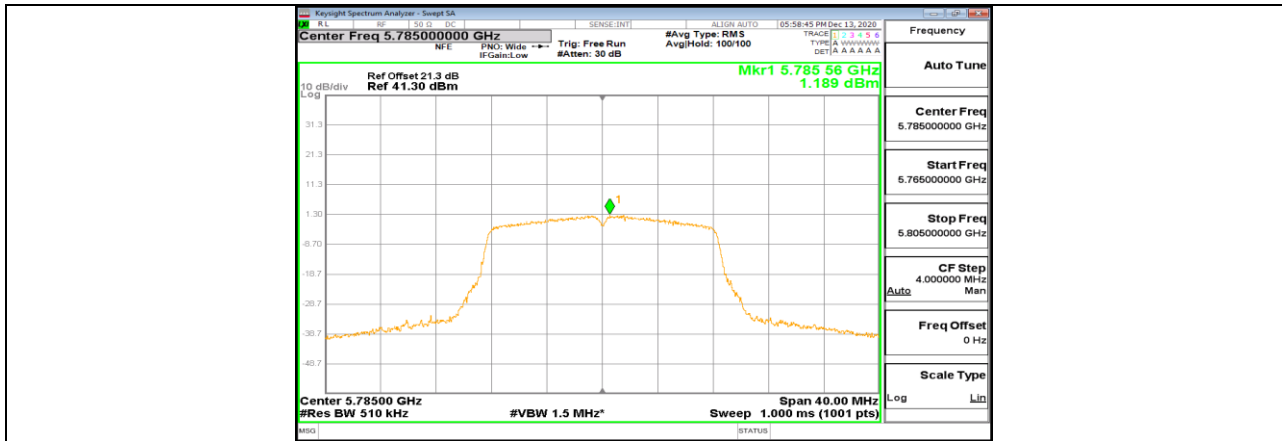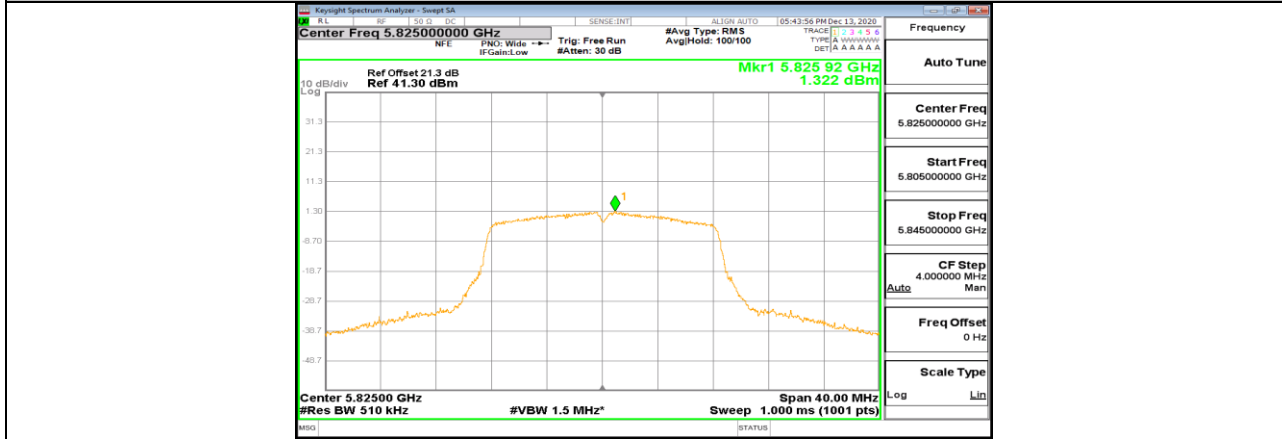11A_Ant2_5745

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11A_Ant2_5785

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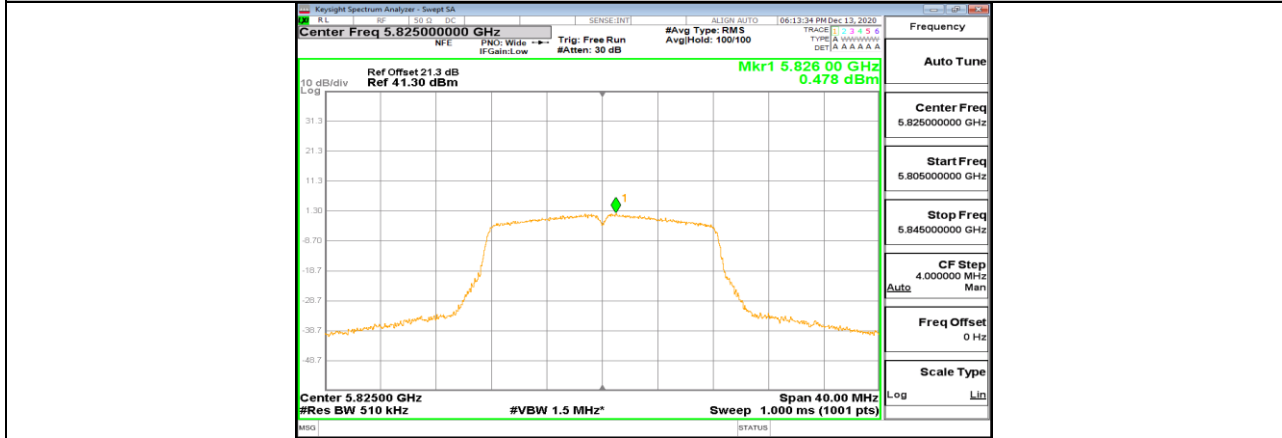
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11N20MIMO_Ant1_5180

11N20MIMO_Ant2_5180

11N20MIMO_Ant1_5200

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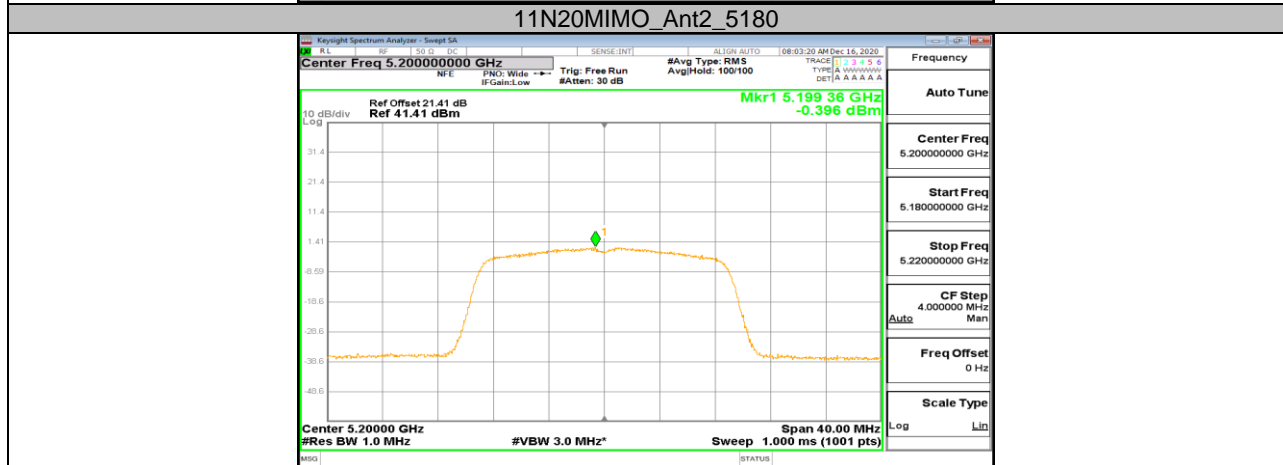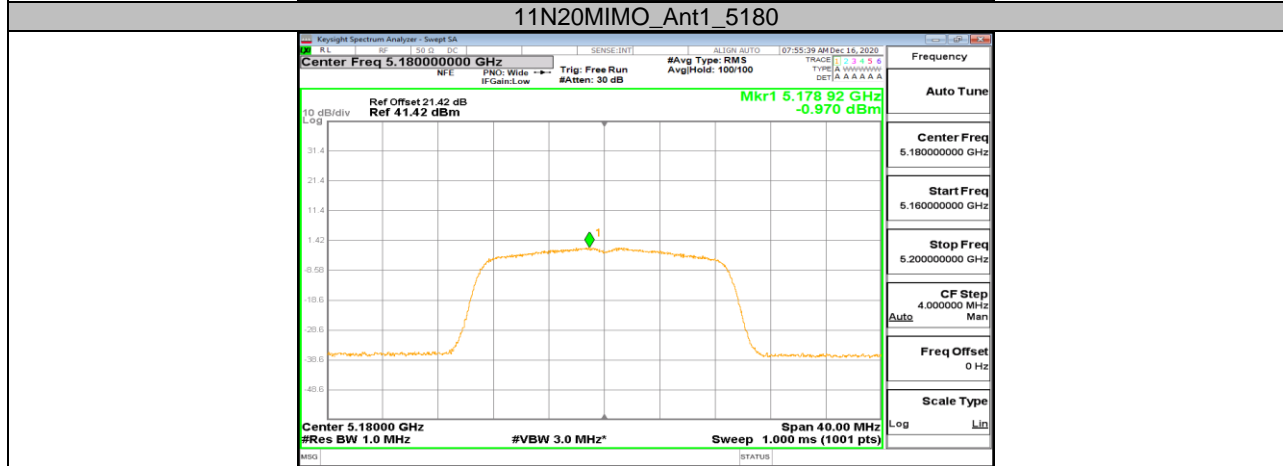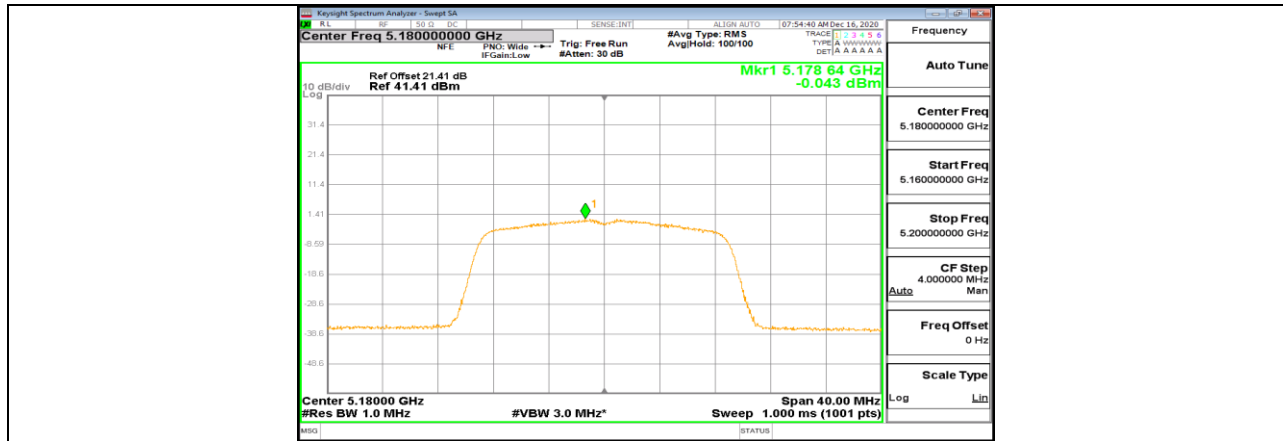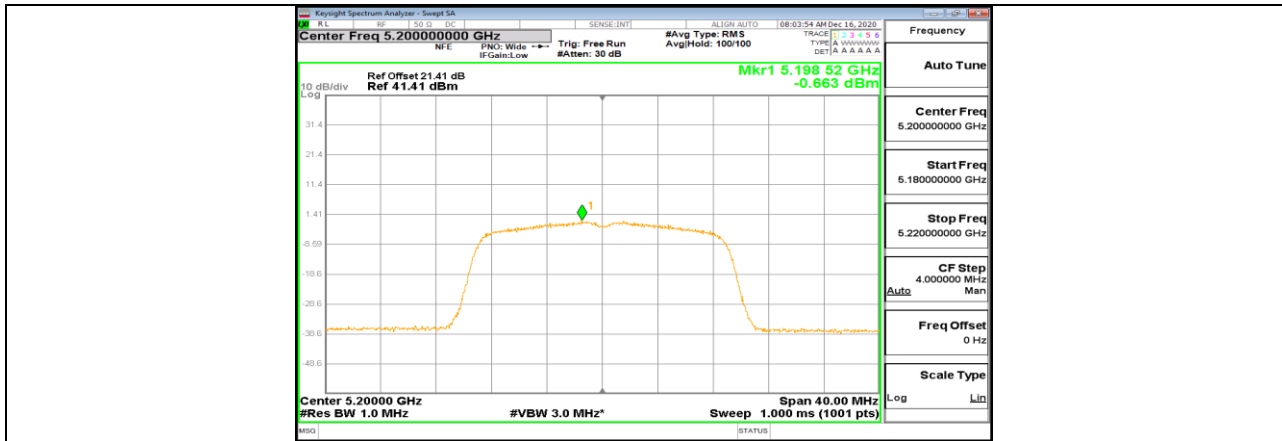
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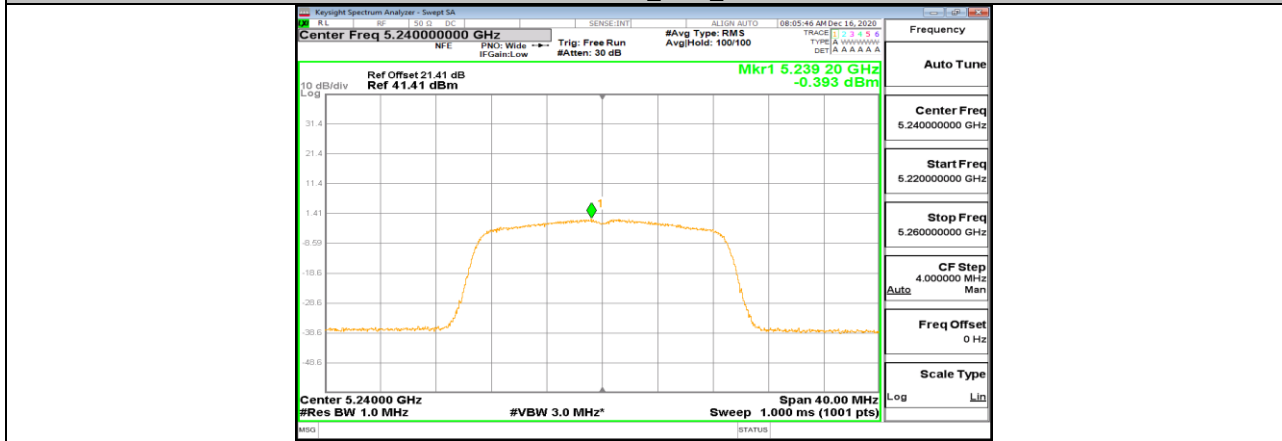
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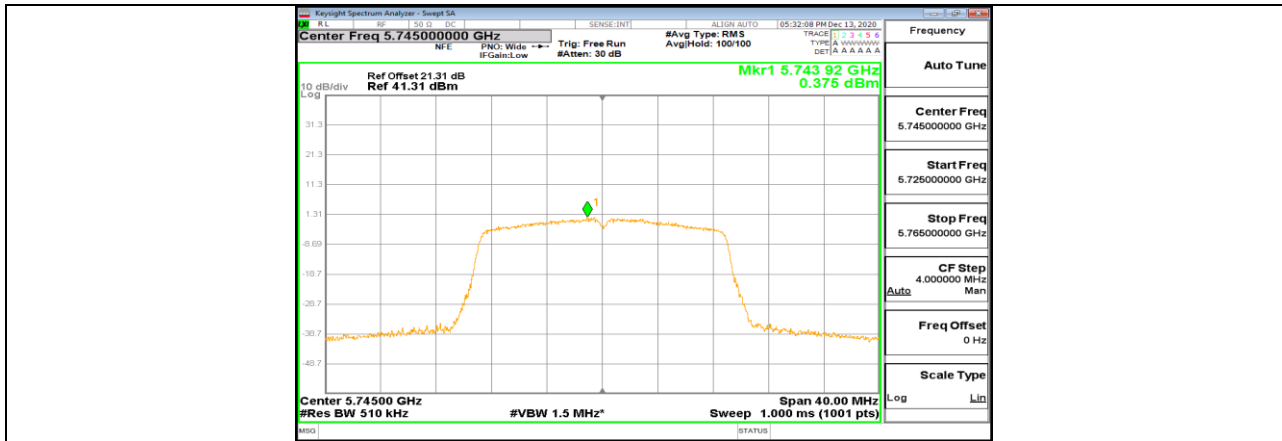
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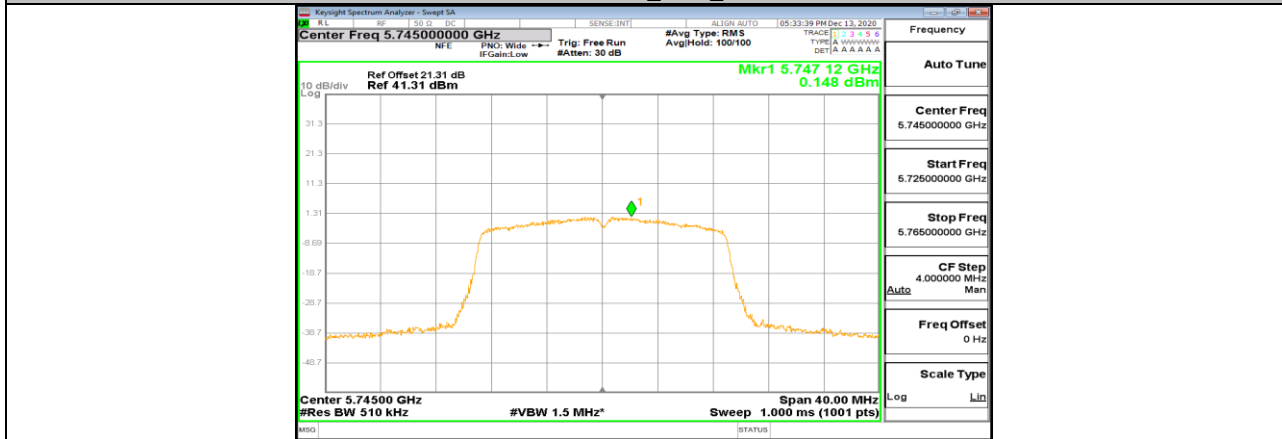
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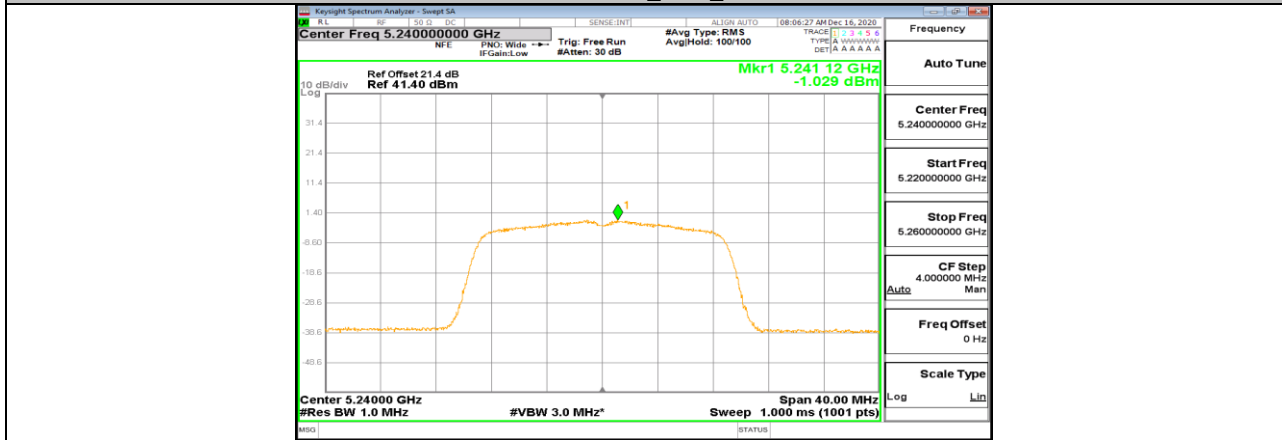
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11N20MIMO_Ant1_5825

11N20MIMO_Ant2_5825

11N40MIMO_Ant1_5190

11N40MIMO_Ant2_5190

11N40MIMO_Ant1_5230

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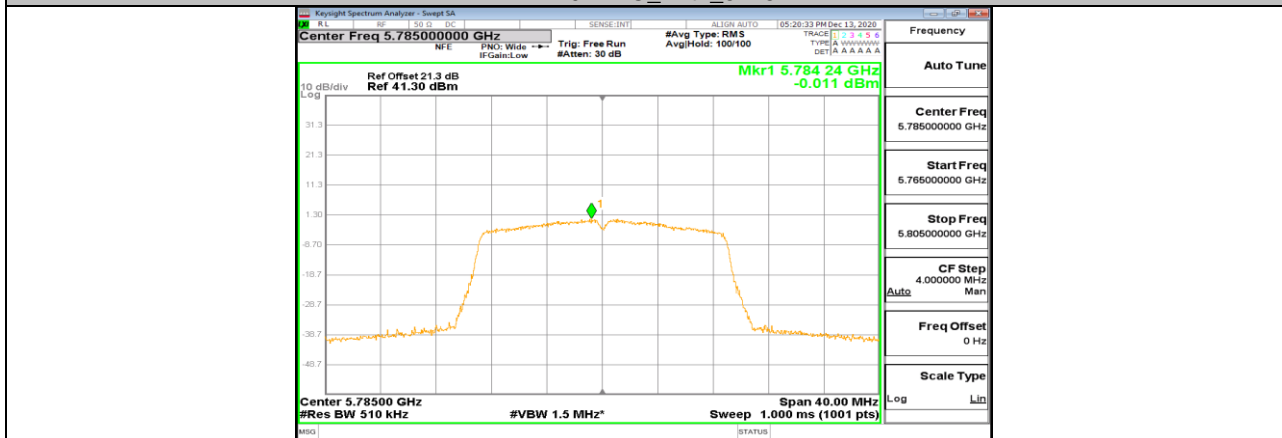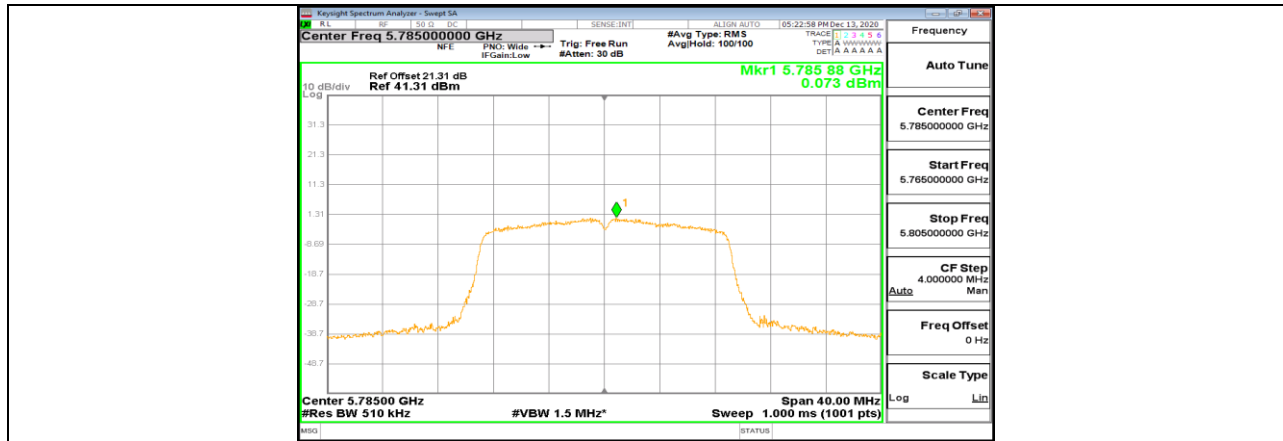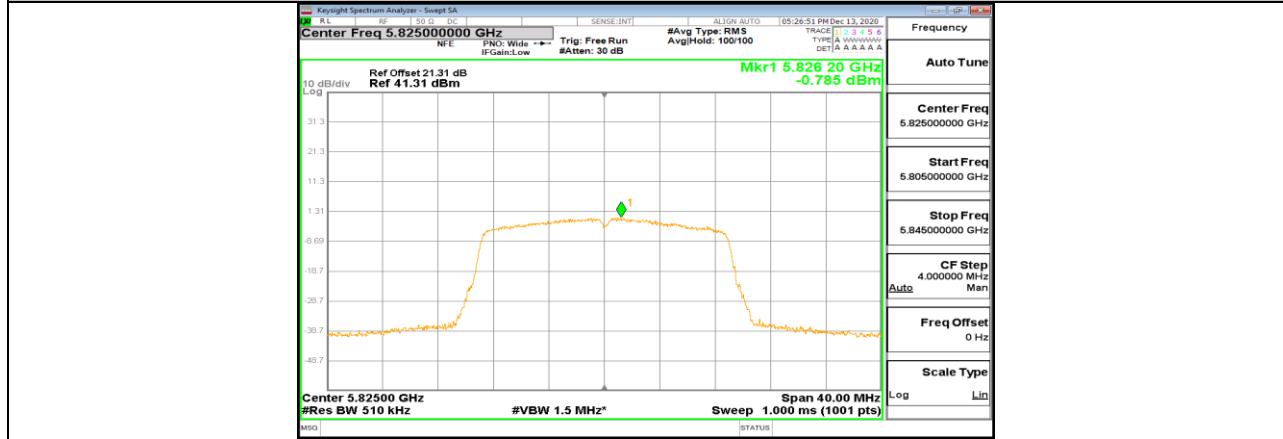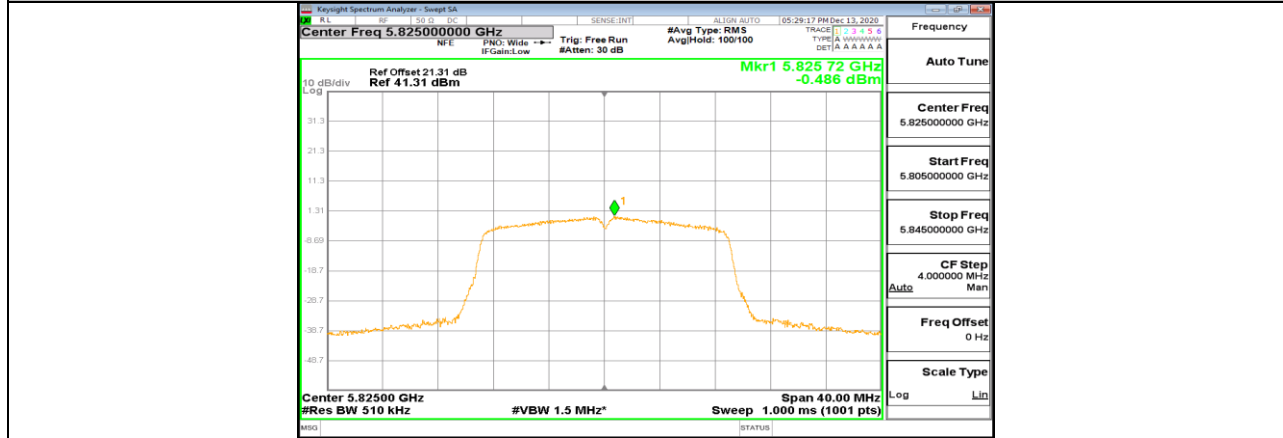
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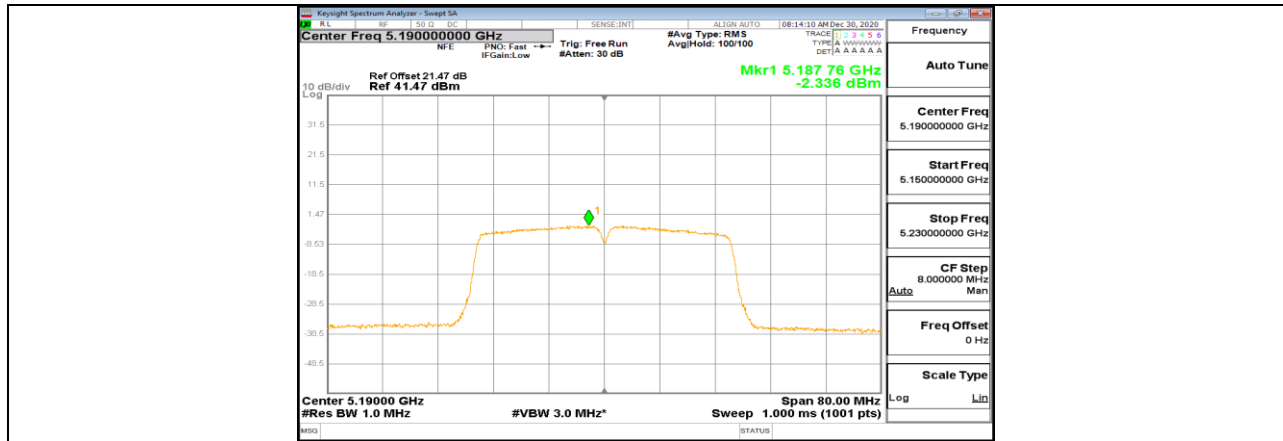

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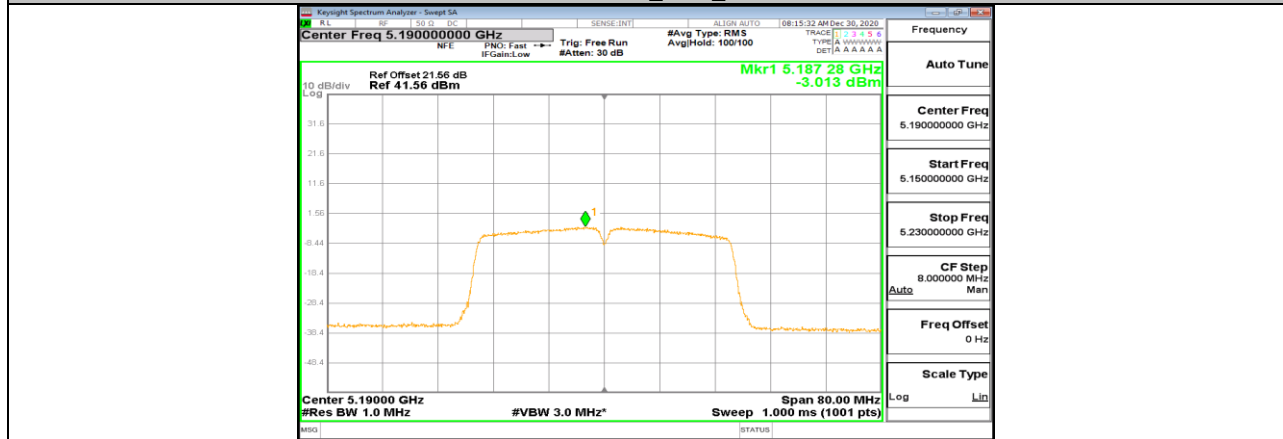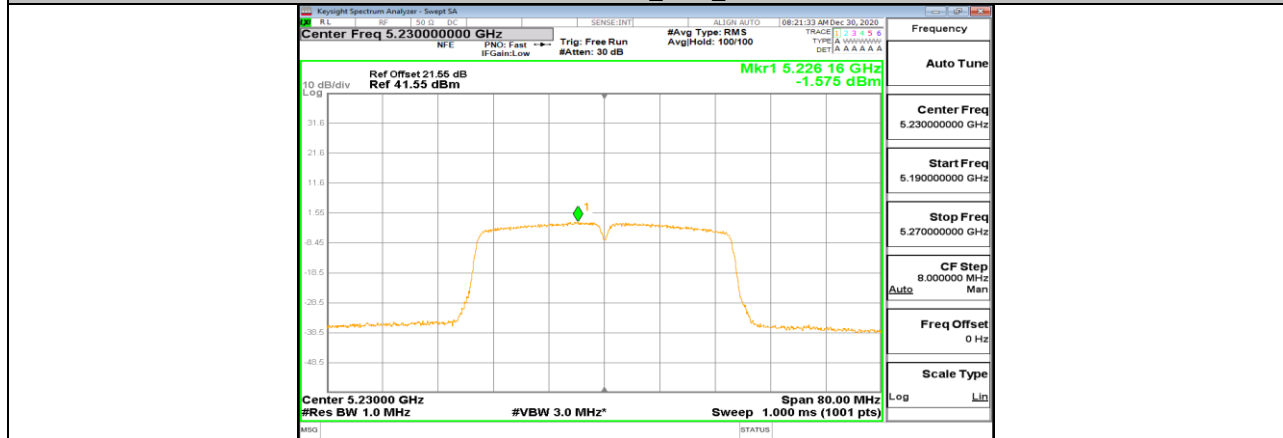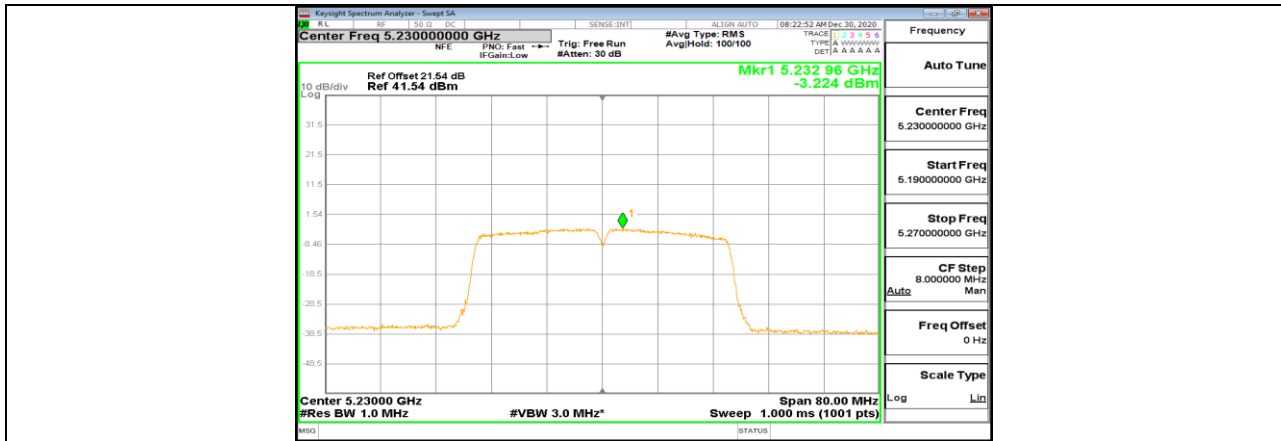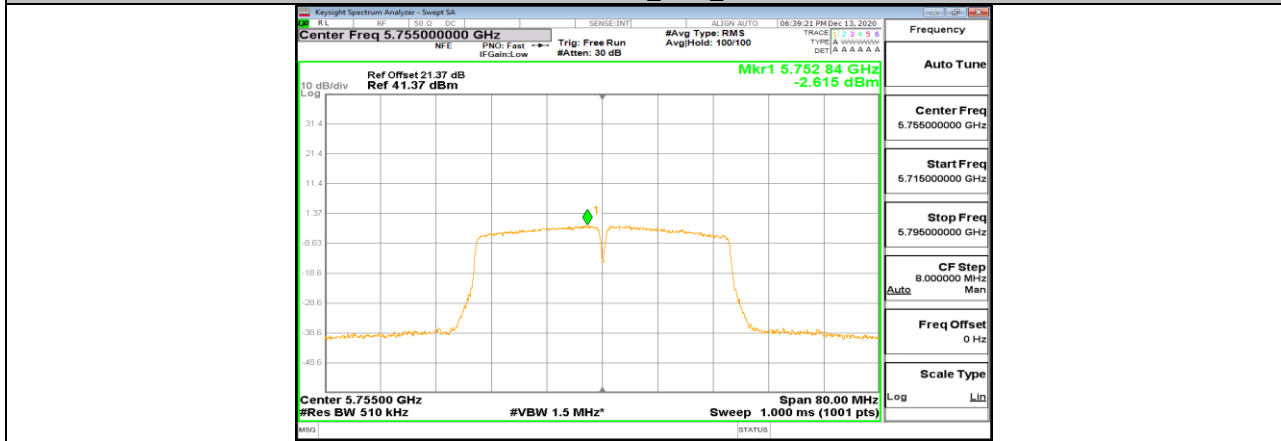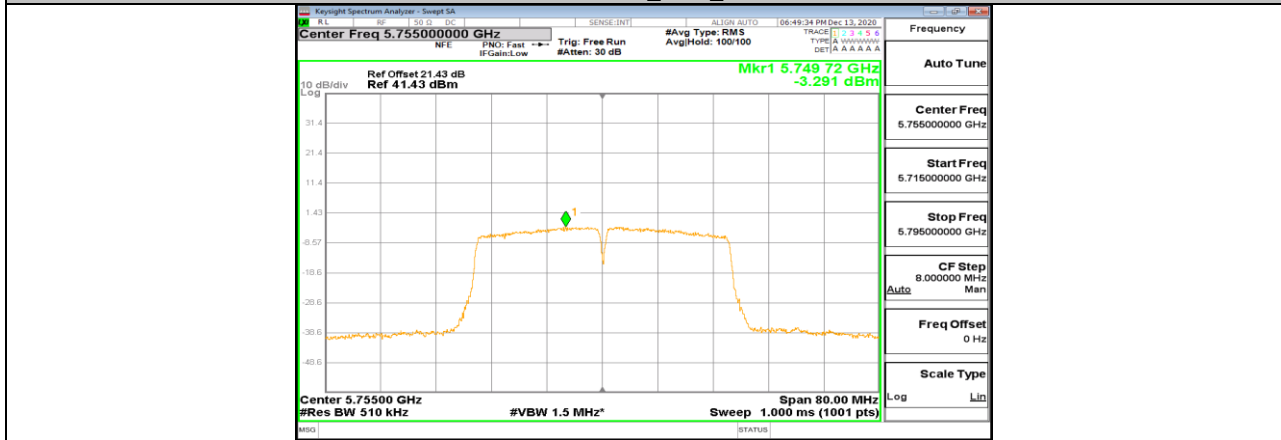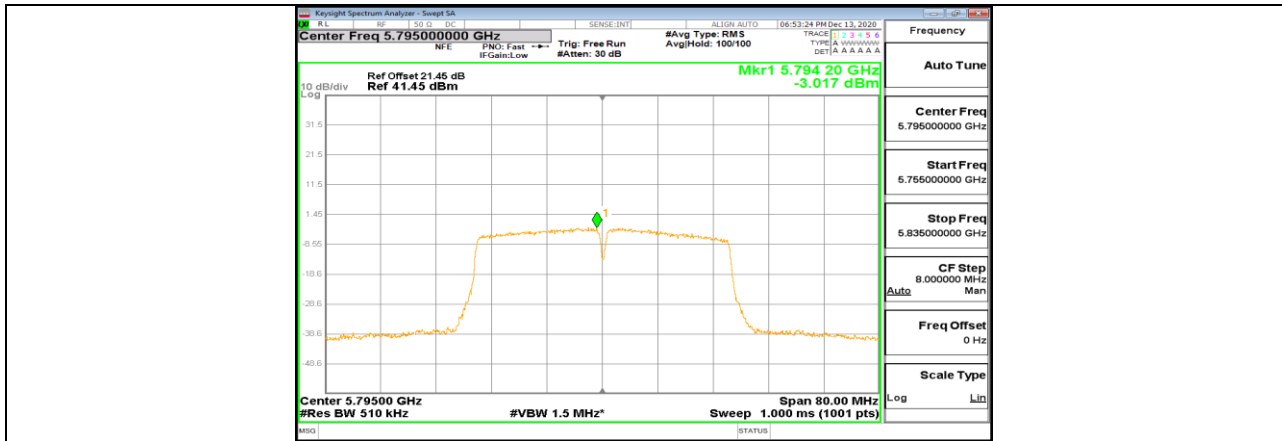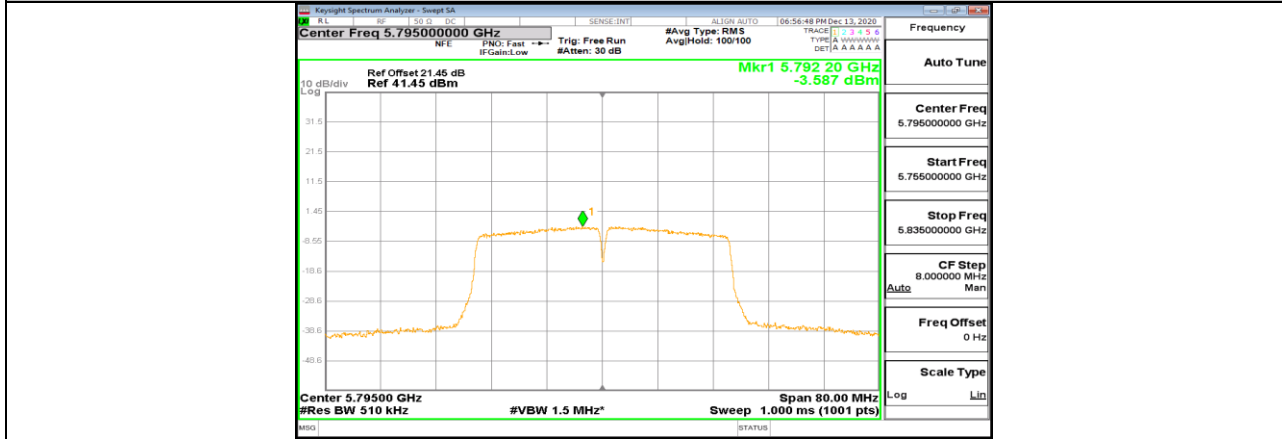

11N40MIMO_Ant2_5755

11N40MIMO_Ant1_5795

11N40MIMO_Ant2_5795

12.6. Appendix D: Frequency Stability
12.6.1. Test Result

Voltage								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5200	NV	NT	-30000	-5.769231	20	PASS
			LV	NT	-30000	-5.769231	20	PASS
			HV	NT	-30000	-5.769231	20	PASS
	Ant1	5825	NV	NT	-30000	-5.150215	20	PASS
			LV	NT	-30000	-5.150215	20	PASS
			HV	NT	-30000	-5.150215	20	PASS

Temperature								
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5200	NV	-30	-30000	-5.769231	20	PASS
			NV	-20	-30000	-5.769231	20	PASS
			NV	-10	-45000	-8.653846	20	PASS
			NV	0	-30000	-5.769231	20	PASS
			NV	10	-30000	-5.769231	20	PASS
			NV	20	-30000	-5.769231	20	PASS
			NV	30	-30000	-5.769231	20	PASS
			NV	40	-30000	-5.769231	20	PASS
			NV	50	-30000	-5.769231	20	PASS
	Ant1	5825	NV	-30	-30000	-5.150215	20	PASS
			NV	-20	-30000	-5.150215	20	PASS
			NV	-10	-30000	-5.150215	20	PASS
			NV	0	-30000	-5.150215	20	PASS
			NV	10	-30000	-5.150215	20	PASS
			NV	20	-30000	-5.150215	20	PASS
			NV	30	-30000	-5.150215	20	PASS
			NV	40	-30000	-5.150215	20	PASS
			NV	50	-30000	-5.150215	20	PASS

12.7. Appendix E: Duty Cycle
12.7.1.   Test Result

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	1.39	1.43	0.9720	97.20	0.12	0.72	1
11N20MIMO	1.30	1.34	0.9701	97.01	0.13	0.77	1
11N40MIMO	0.65	0.68	0.9559	95.59	0.20	1.54	2

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

12.7.2. Test Graphs

11A_Ant1_5200

11N20MIMO_Ant1_5200

11N40MIMO_Ant1_5190

END OF REPORT

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