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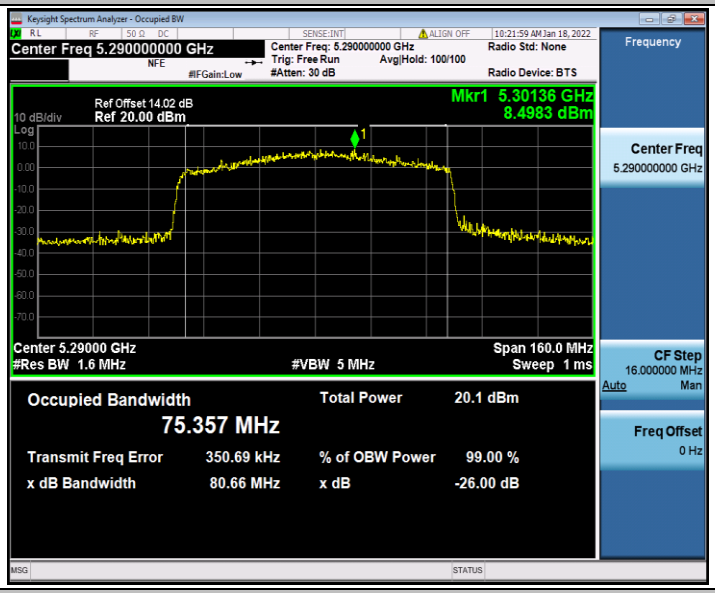
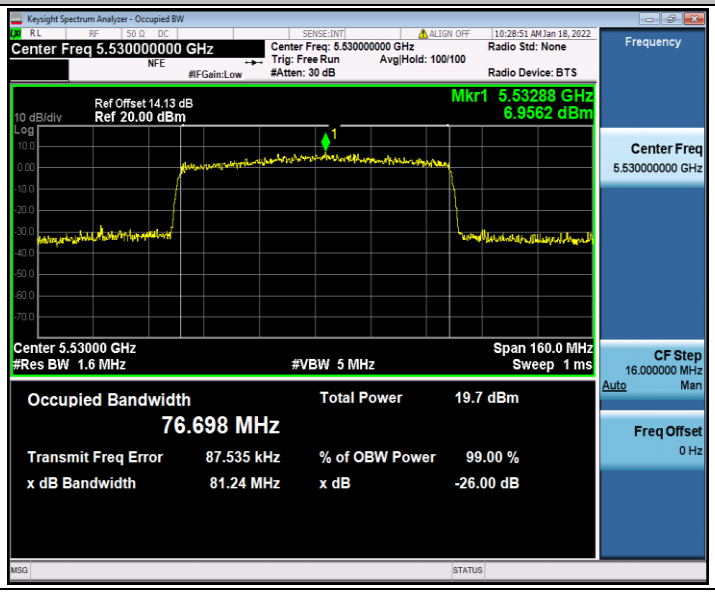


11AX80MIMO_Ant1_5530



11AX80MIMO_Ant2_5530

11AX80MIMO_Ant1_5775

11AX80MIMO_Ant2_5775

Keysight Spectrum Analyzer - Occupied BW
RL
RF
50 Ω DC
SENSE:INT
ALIGN OFF
10:57:13 AM Jan 18, 2022
Center Freq 5.775000000 GHz
NFE
#IFGain:Low
Center Freq: 5.775000000 GHz
Trig: Free Run
Avg|Hold: 100/100
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 14.18 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 5.75692 GHz
9.0416 dBm
Center Freq
5.775000000 GHz
Center 5.77500 GHz
#Res BW 1.6 MHz
#VBW 5 MHz
Span 160.0 MHz
Sweep 1 ms
CF Step
16.000000 MHz
Auto
Man
Occupied Bandwidth
77.407 MHz
Total Power
21.3 dBm
Transmit Freq Error
-242.70 kHz
% of OBW Power
99.00 %
x dB Bandwidth
81.43 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS

Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.480	5736.720	5753.200	0.5	PASS
	Ant2	5745	16.440	5736.720	5753.160	0.5	PASS
	Ant1	5785	16.520	5776.640	5793.160	0.5	PASS
	Ant2	5785	16.400	5776.680	5793.080	0.5	PASS
	Ant1	5825	16.440	5816.640	5833.080	0.5	PASS
	Ant2	5825	16.400	5816.680	5833.080	0.5	PASS
11N20SISO	Ant1	5745	17.680	5736.120	5753.800	0.5	PASS
	Ant2	5745	17.680	5736.080	5753.760	0.5	PASS
	Ant1	5785	17.640	5776.080	5793.720	0.5	PASS
	Ant2	5785	17.760	5776.040	5793.800	0.5	PASS
	Ant1	5825	17.760	5816.040	5833.800	0.5	PASS
	Ant2	5825	17.680	5816.040	5833.720	0.5	PASS
11N40SISO	Ant1	5755	35.280	5737.160	5772.440	0.5	PASS
	Ant2	5755	34.880	5737.880	5772.760	0.5	PASS
	Ant1	5795	34.720	5777.960	5812.680	0.5	PASS
	Ant2	5795	35.600	5777.160	5812.760	0.5	PASS
11AC20SISO	Ant1	5745	17.640	5736.080	5753.720	0.5	PASS
	Ant2	5745	17.680	5736.040	5753.720	0.5	PASS
	Ant1	5785	17.640	5776.080	5793.720	0.5	PASS
	Ant2	5785	17.640	5776.080	5793.720	0.5	PASS
	Ant1	5825	17.680	5816.040	5833.720	0.5	PASS
	Ant2	5825	17.800	5816.000	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	35.040	5737.400	5772.440	0.5	PASS
	Ant2	5755	35.600	5737.400	5773.000	0.5	PASS
	Ant1	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	64.960	5739.640	5804.600	0.5	PASS
	Ant2	5775	44.000	5754.840	5798.840	0.5	PASS
11AX20SISO	Ant1	5745	19.000	5735.440	5754.440	0.5	PASS
	Ant2	5745	19.000	5735.400	5754.400	0.5	PASS
	Ant1	5785	18.920	5775.440	5794.360	0.5	PASS
	Ant2	5785	19.040	5775.400	5794.440	0.5	PASS
	Ant1	5825	18.960	5815.400	5834.360	0.5	PASS
	Ant2	5825	19.000	5815.400	5834.400	0.5	PASS
11AX40SISO	Ant1	5755	36.000	5736.520	5772.520	0.5	PASS
	Ant2	5755	35.520	5737.400	5772.920	0.5	PASS

	Ant1	5795	35.520	5777.000	5812.520	0.5	PASS
	Ant2	5795	35.520	5777.400	5812.920	0.5	PASS
11AX80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
	Ant2	5775	72.480	5739.960	5812.440	0.5	PASS
11N20MIMO	Ant1	5745	17.640	5736.080	5753.720	0.5	PASS
	Ant2	5745	17.680	5736.040	5753.720	0.5	PASS
	Ant1	5785	17.680	5776.040	5793.720	0.5	PASS
	Ant2	5785	17.640	5776.120	5793.760	0.5	PASS
	Ant1	5825	17.720	5816.080	5833.800	0.5	PASS
	Ant2	5825	17.640	5816.080	5833.720	0.5	PASS
11N40MIMO	Ant1	5755	34.960	5737.160	5772.120	0.5	PASS
	Ant2	5755	32.480	5736.760	5769.240	0.5	PASS
	Ant1	5795	33.280	5778.280	5811.560	0.5	PASS
	Ant2	5795	30.080	5783.000	5813.080	0.5	PASS
11AC20MIMO	Ant1	5745	17.720	5736.000	5753.720	0.5	PASS
	Ant2	5745	17.600	5736.080	5753.680	0.5	PASS
	Ant1	5785	17.720	5776.080	5793.800	0.5	PASS
	Ant2	5785	17.600	5776.120	5793.720	0.5	PASS
	Ant1	5825	17.720	5816.040	5833.760	0.5	PASS
	Ant2	5825	17.600	5816.120	5833.720	0.5	PASS
11AC40MIMO	Ant1	5755	35.440	5737.000	5772.440	0.5	PASS
	Ant2	5755	30.640	5736.760	5767.400	0.5	PASS
	Ant1	5795	32.560	5777.960	5810.520	0.5	PASS
	Ant2	5795	32.320	5780.520	5812.840	0.5	PASS
11AC80MIMO	Ant1	5775	75.360	5736.760	5812.120	0.5	PASS
	Ant2	5775	76.320	5736.760	5813.080	0.5	PASS
11AX20MIMO	Ant1	5745	18.960	5735.400	5754.360	0.5	PASS
	Ant2	5745	19.080	5735.320	5754.400	0.5	PASS
	Ant1	5785	19.040	5775.360	5794.400	0.5	PASS
	Ant2	5785	19.040	5775.400	5794.440	0.5	PASS
	Ant1	5825	18.920	5815.440	5834.360	0.5	PASS
	Ant2	5825	19.080	5815.400	5834.480	0.5	PASS
11AX40MIMO	Ant1	5755	35.040	5737.400	5772.440	0.5	PASS
	Ant2	5755	31.280	5737.400	5768.680	0.5	PASS
	Ant1	5795	33.840	5778.600	5812.440	0.5	PASS
	Ant2	5795	30.080	5783.640	5813.720	0.5	PASS
11AX80MIMO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
	Ant2	5775	77.440	5736.120	5813.560	0.5	PASS

Test Graphs B4

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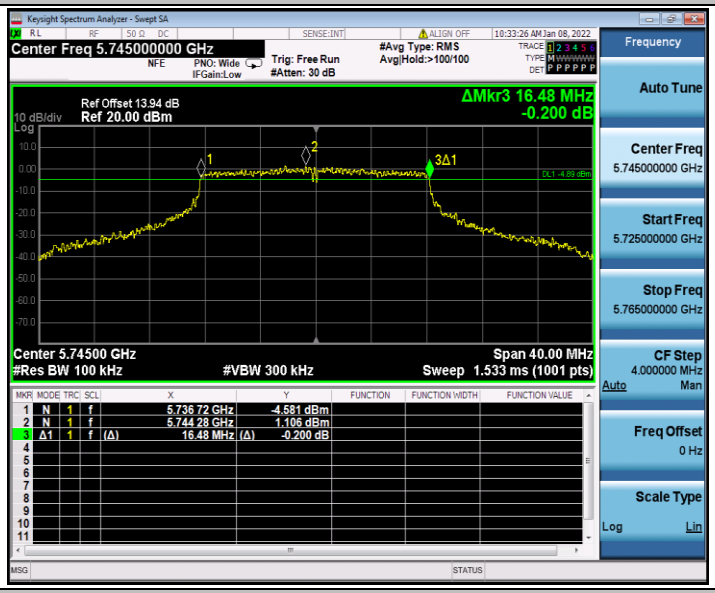

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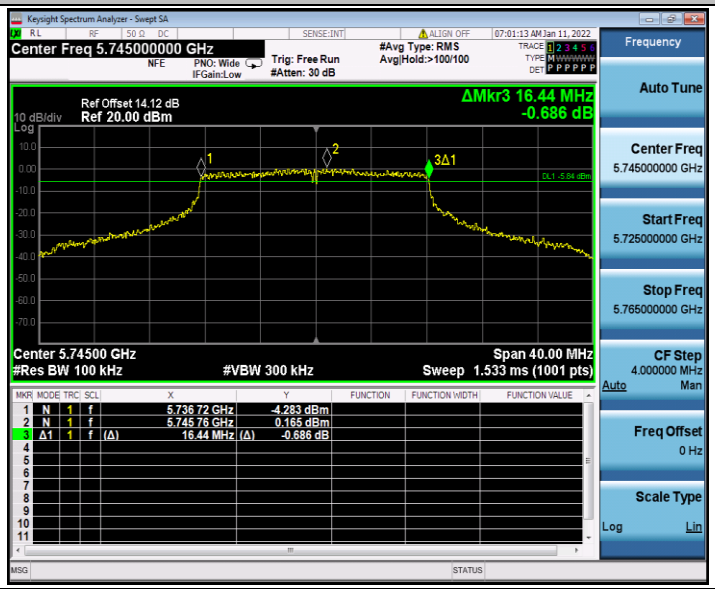

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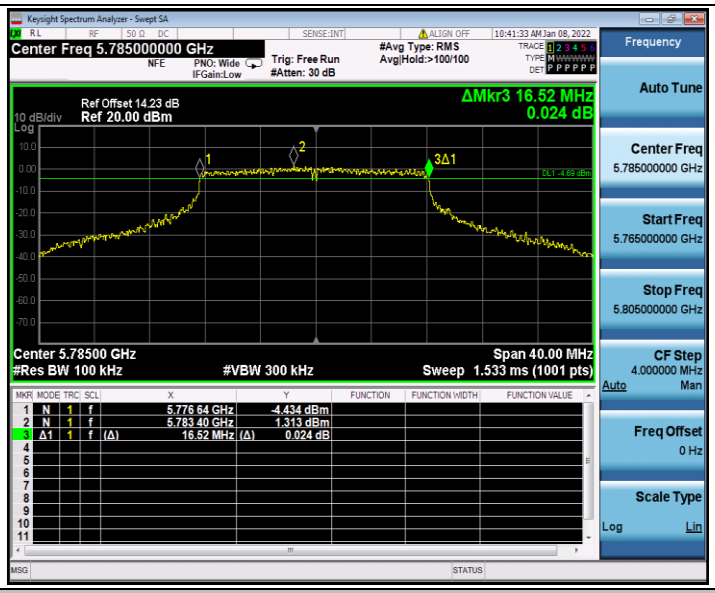

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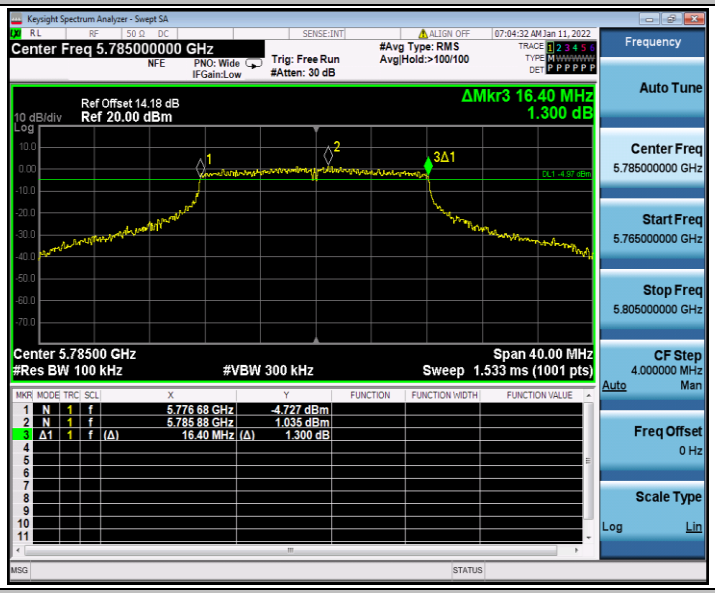

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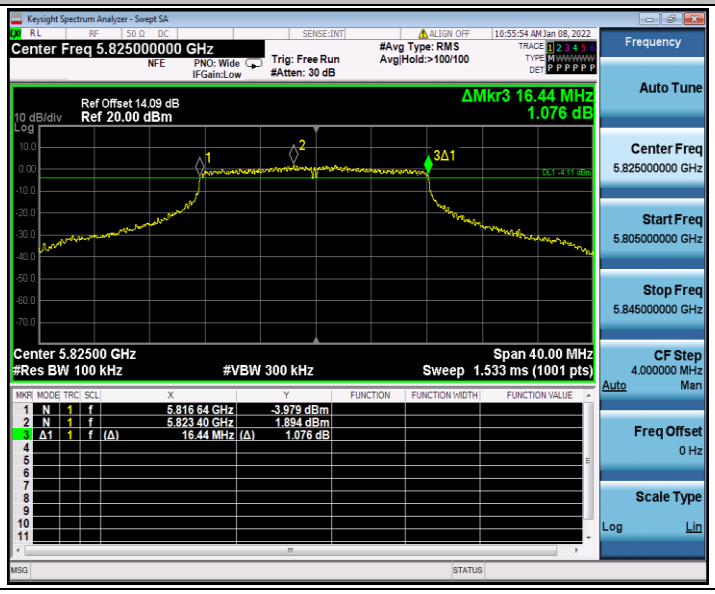

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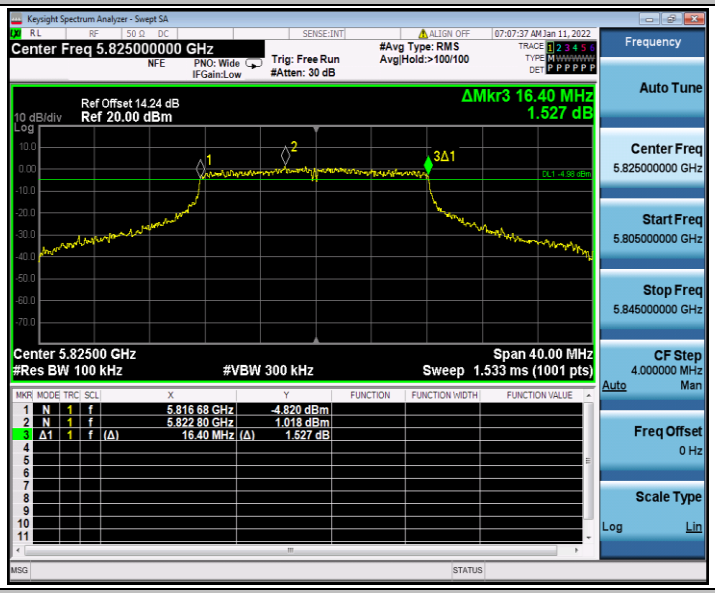

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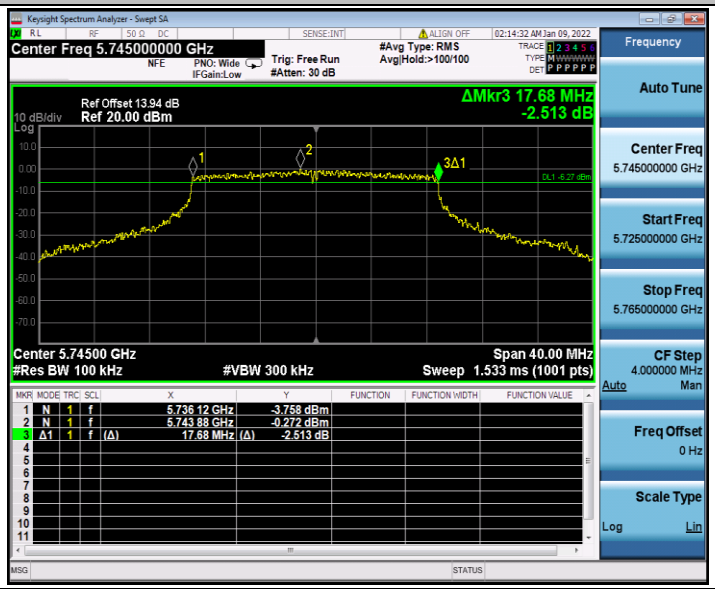

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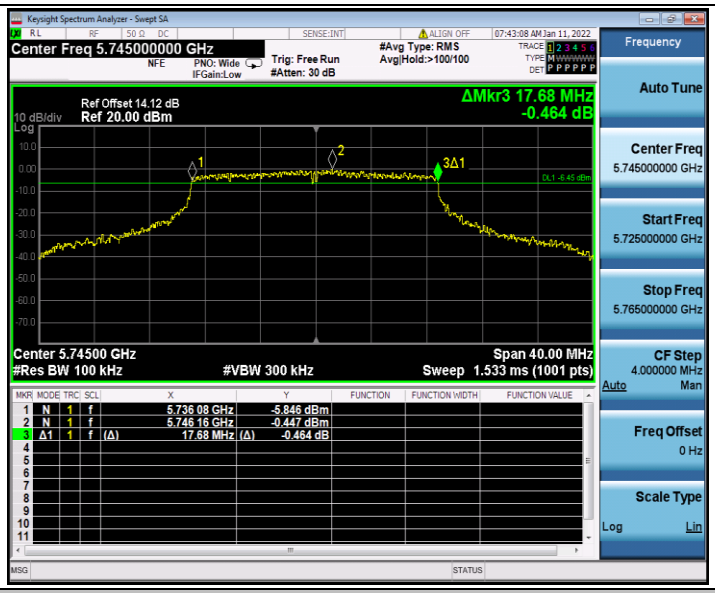

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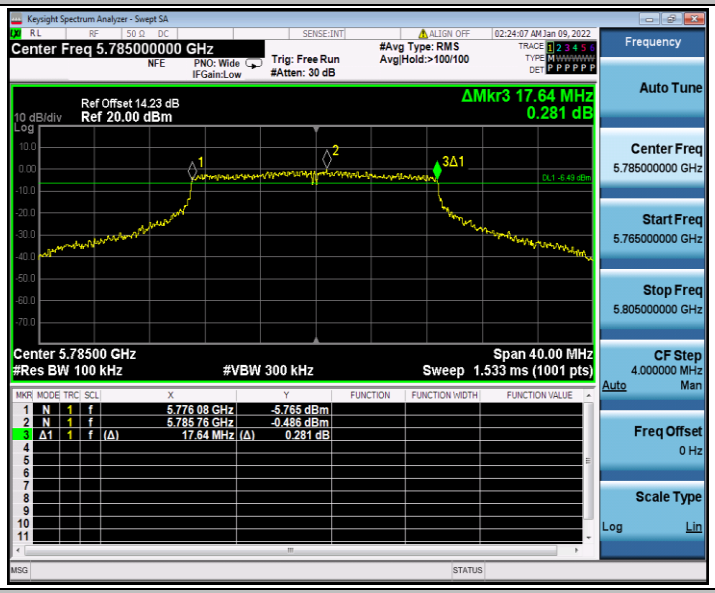

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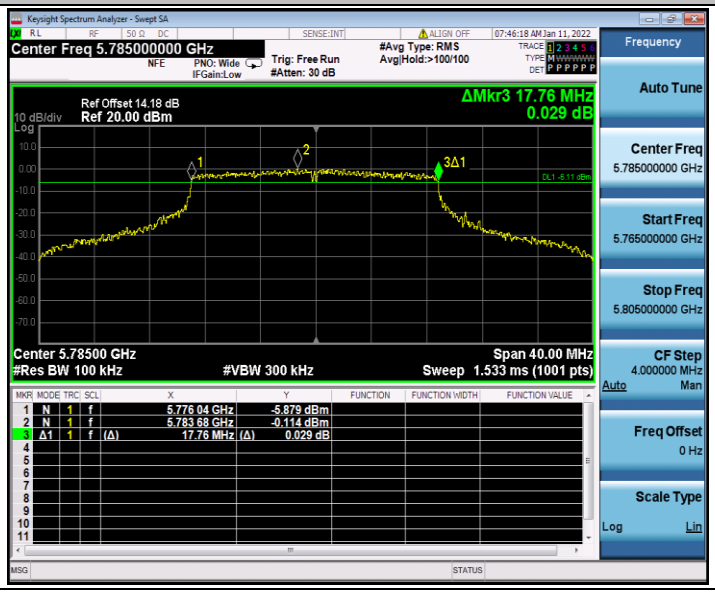

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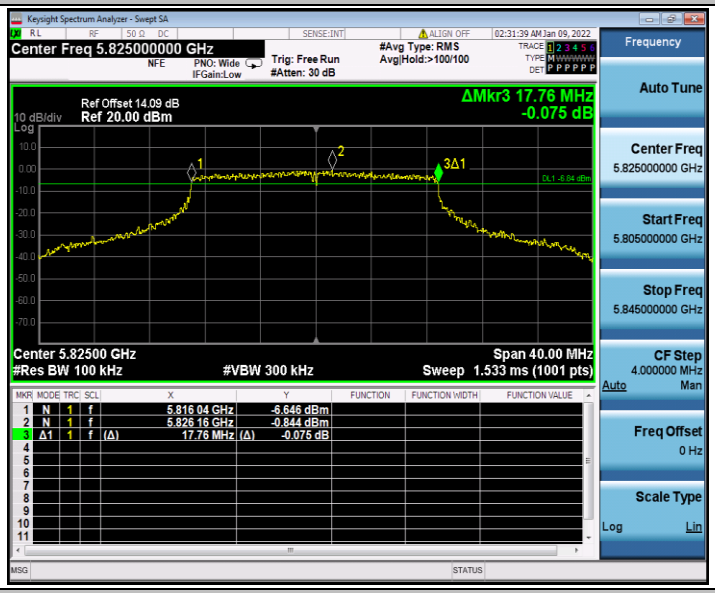

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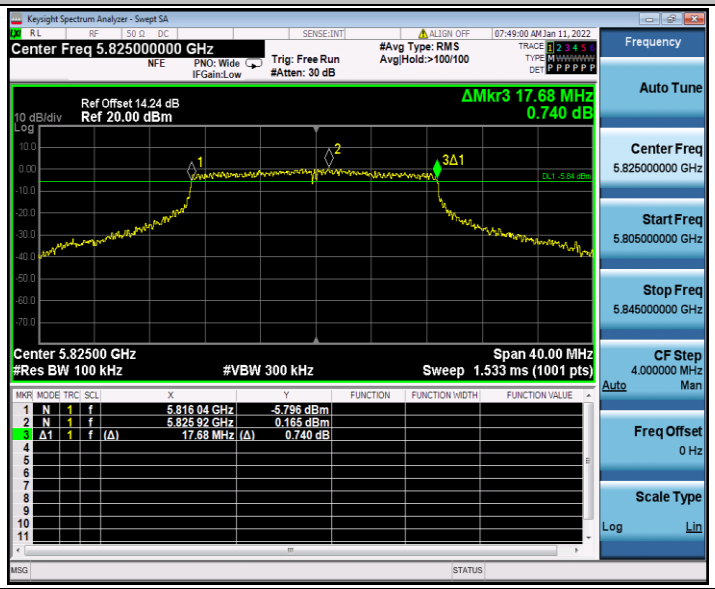

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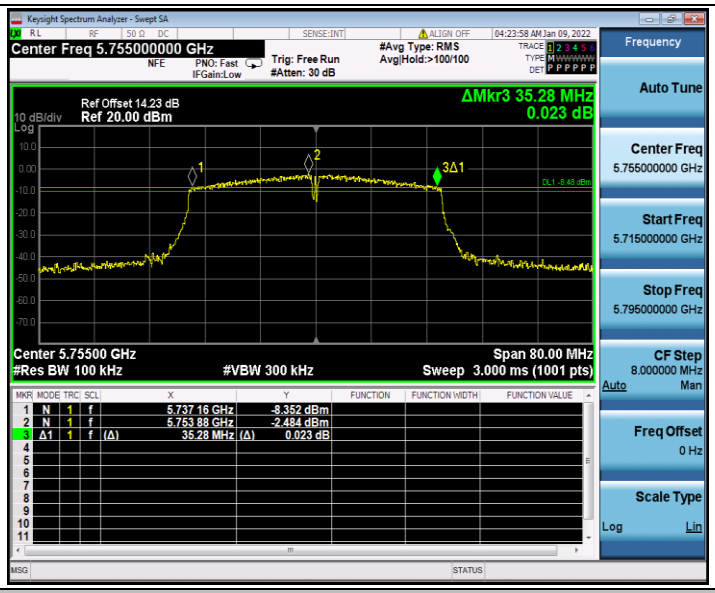

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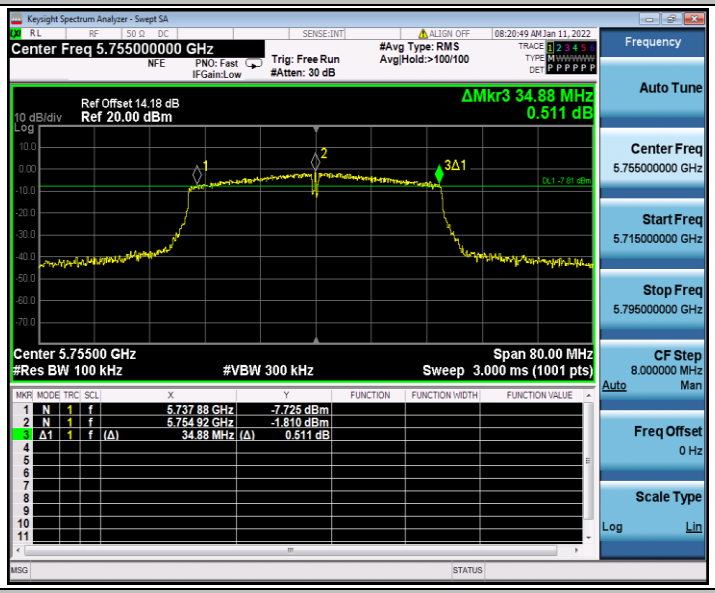

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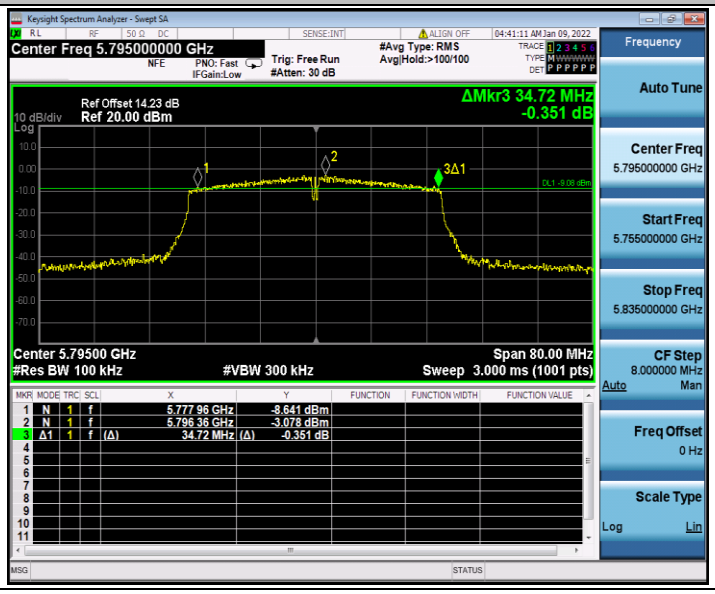

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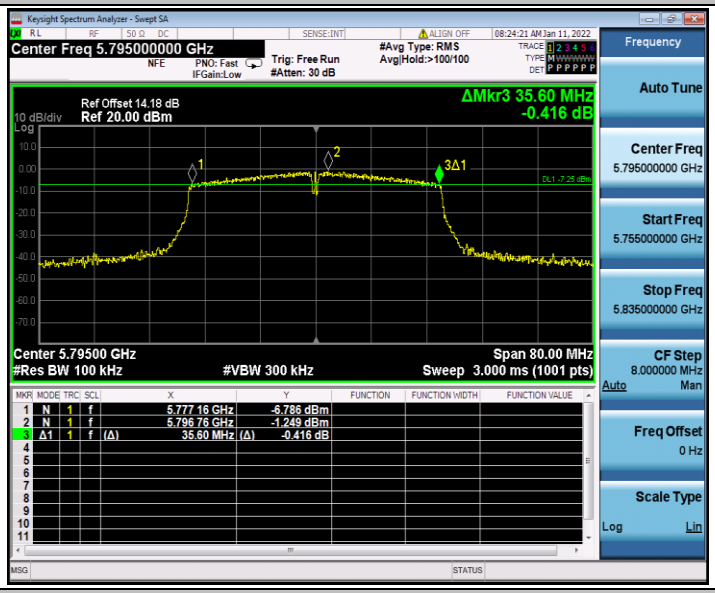

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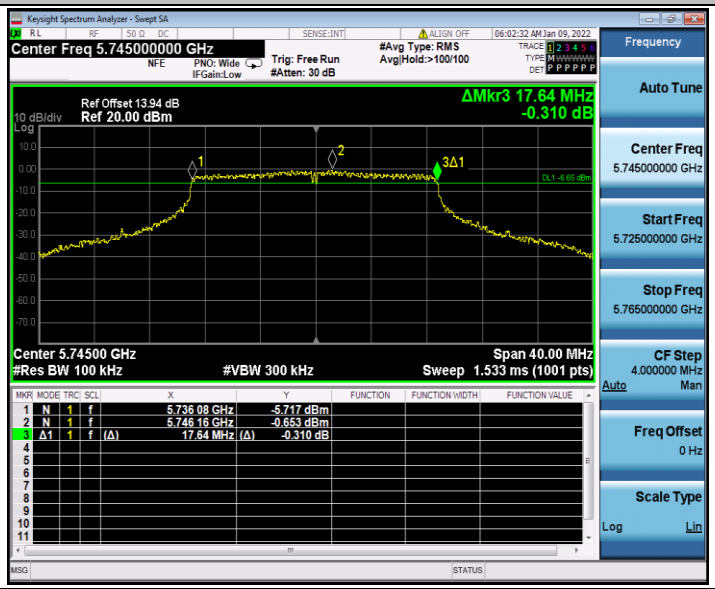

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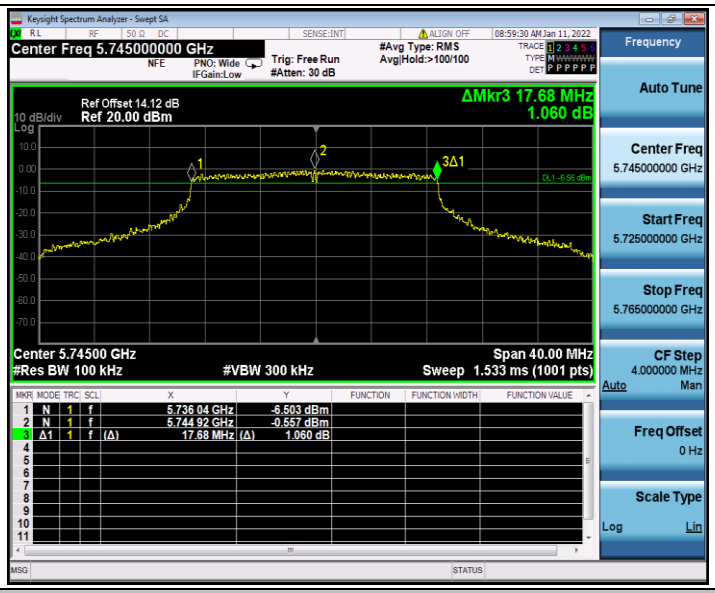

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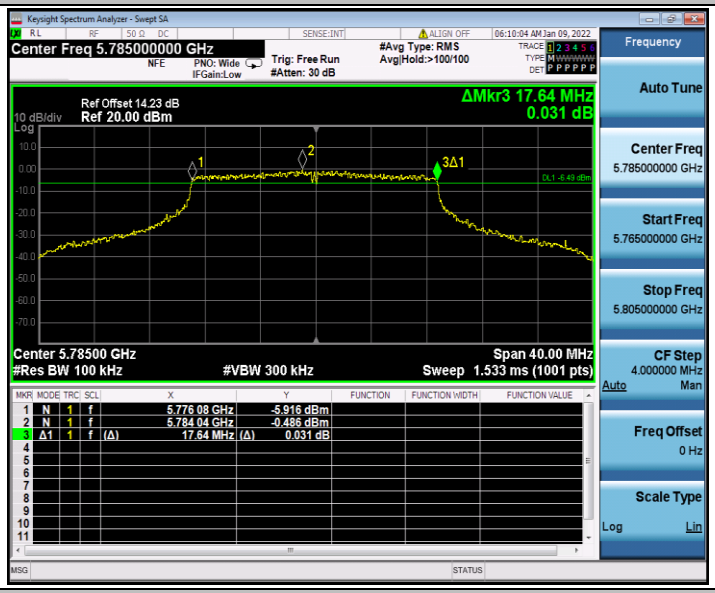

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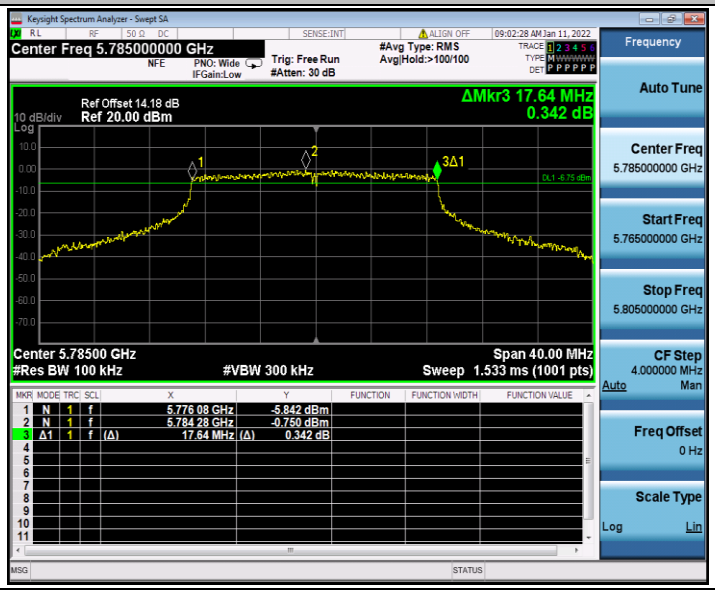

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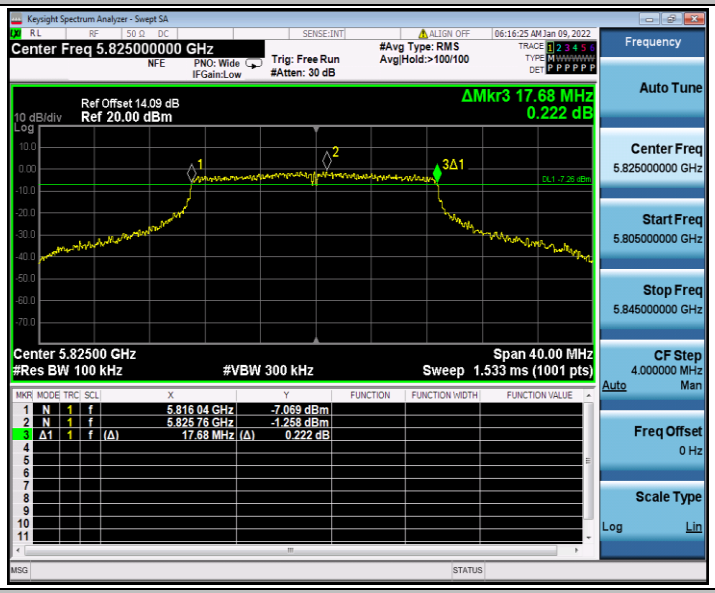

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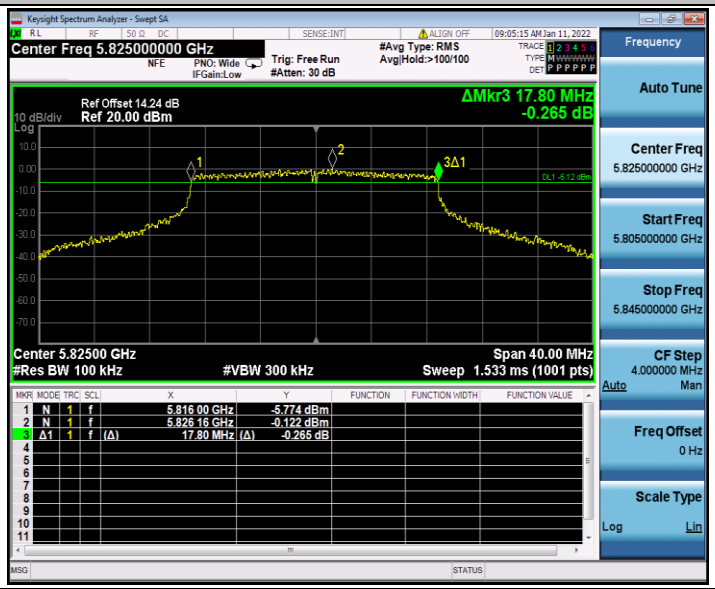

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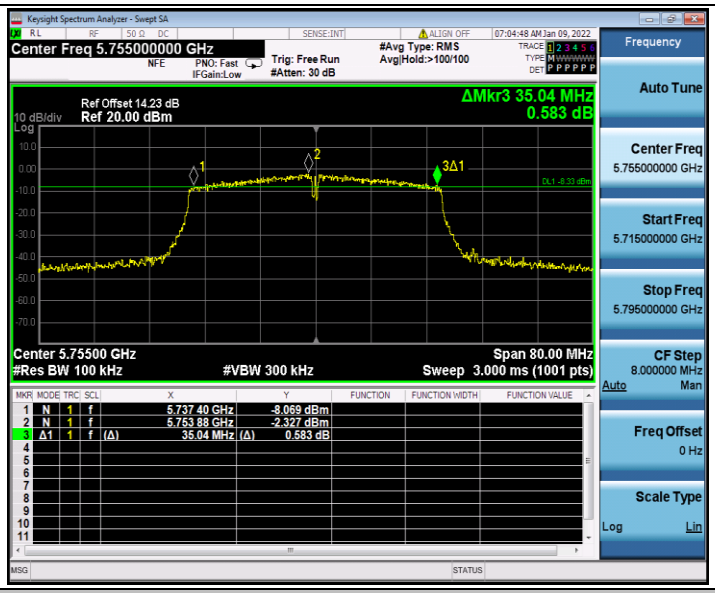

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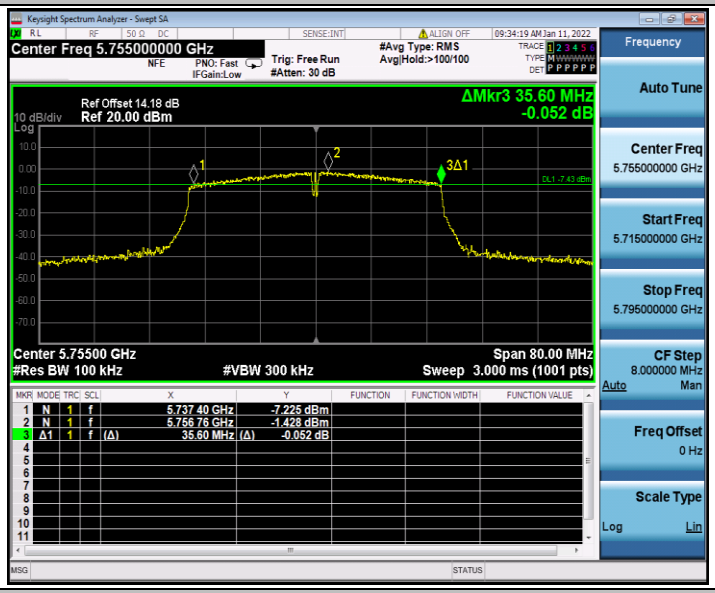

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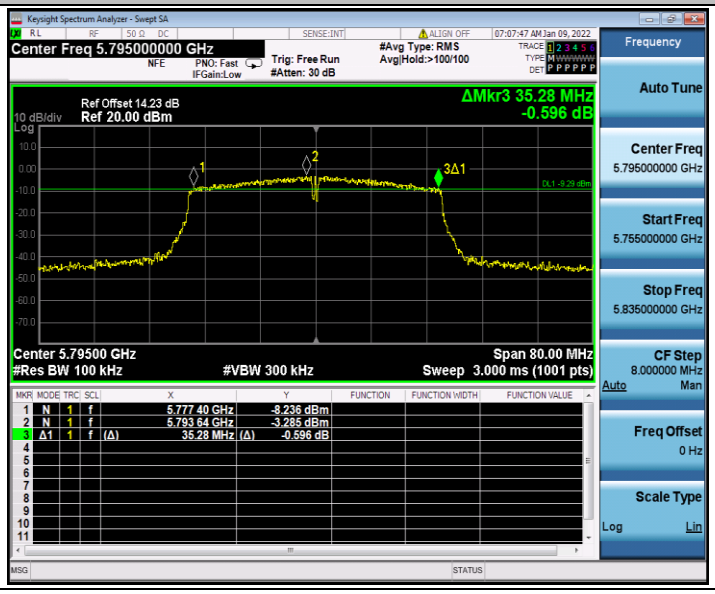

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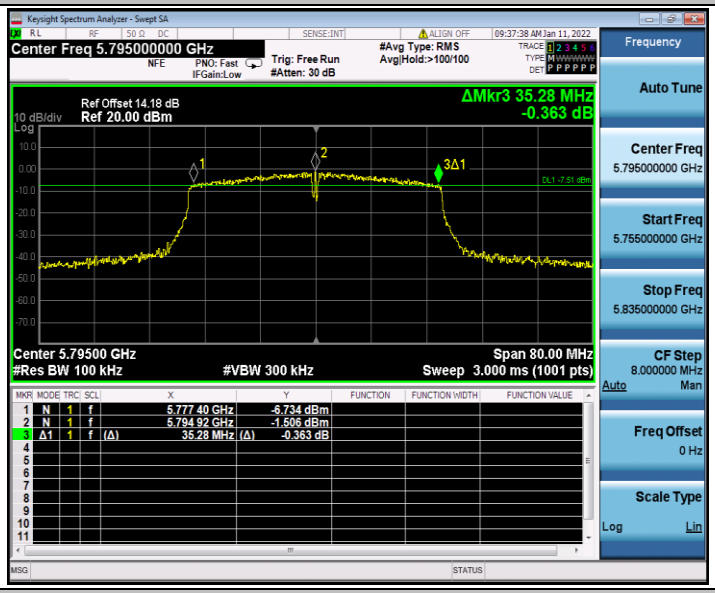

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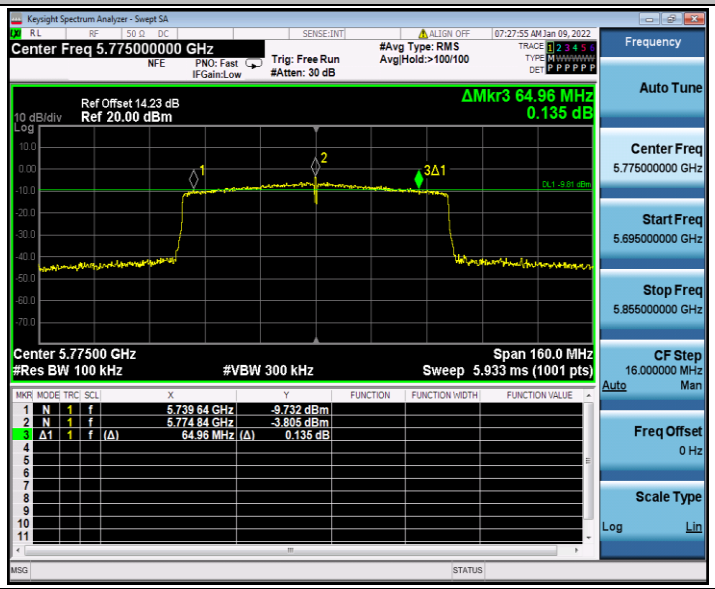

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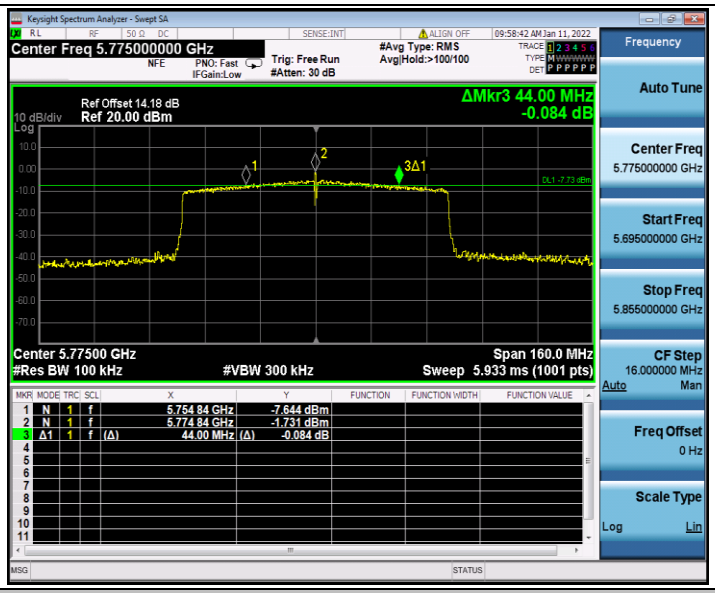

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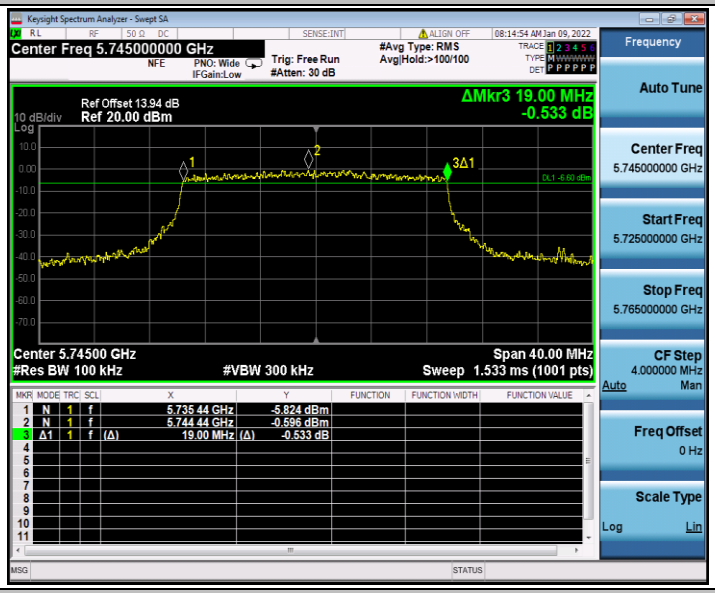

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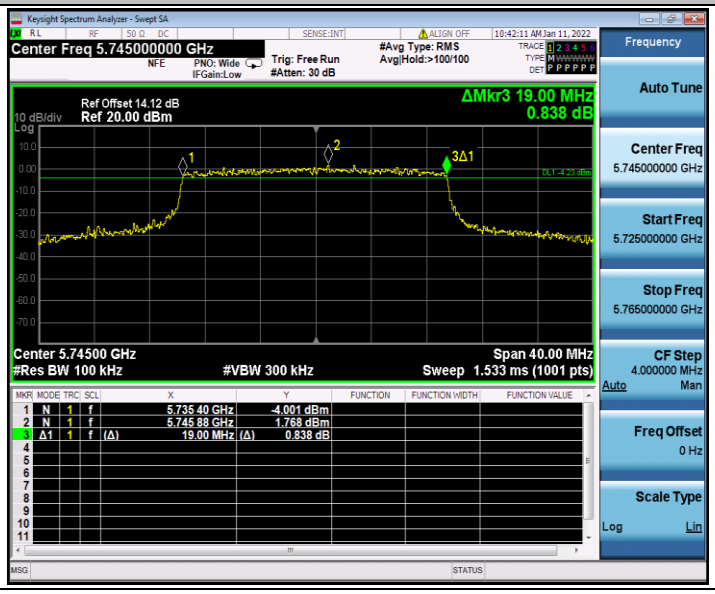

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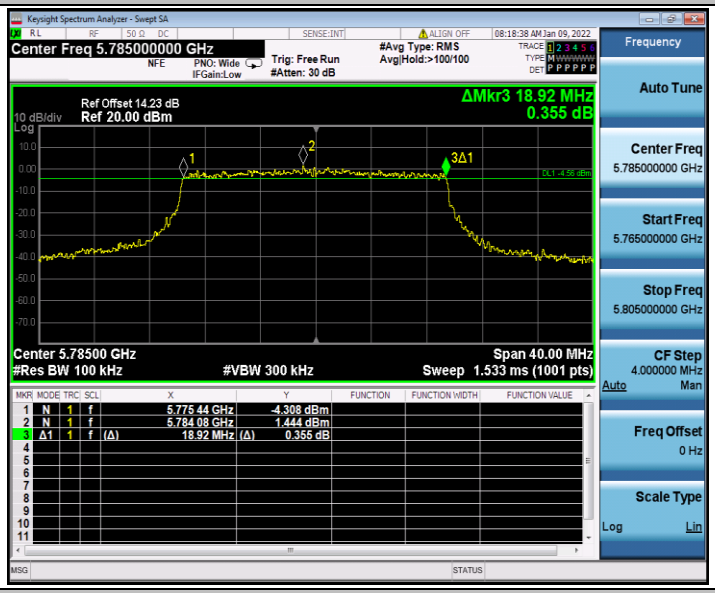

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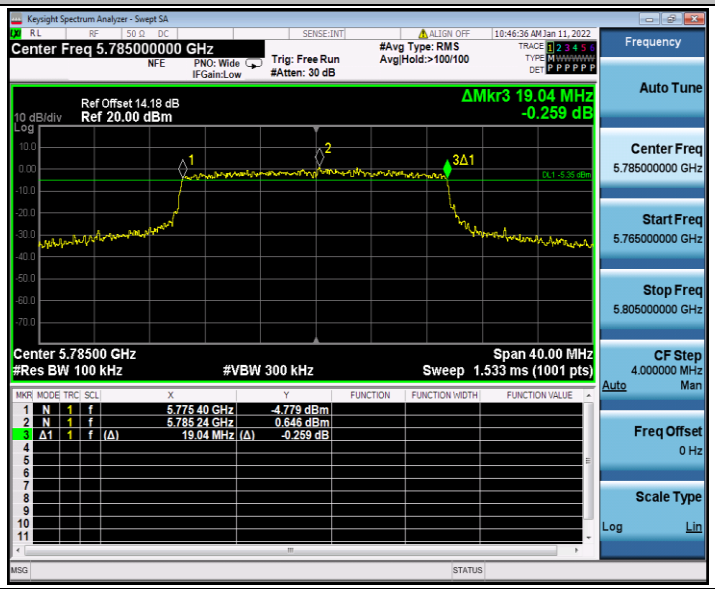

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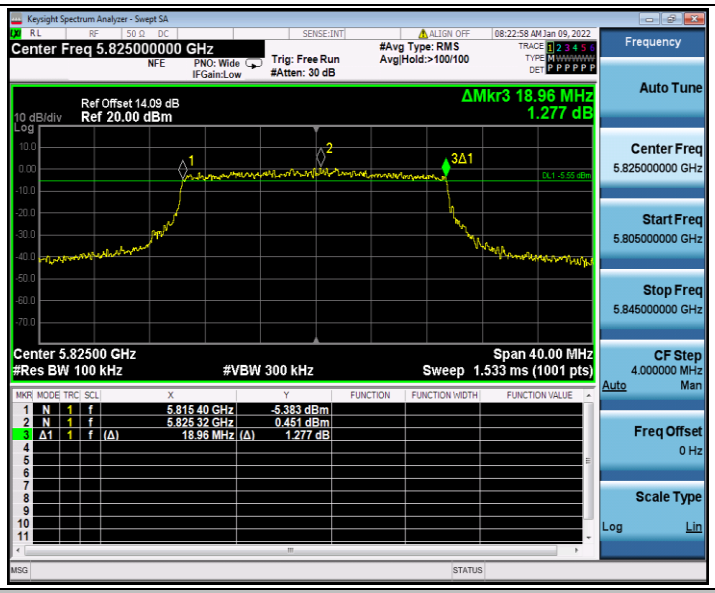

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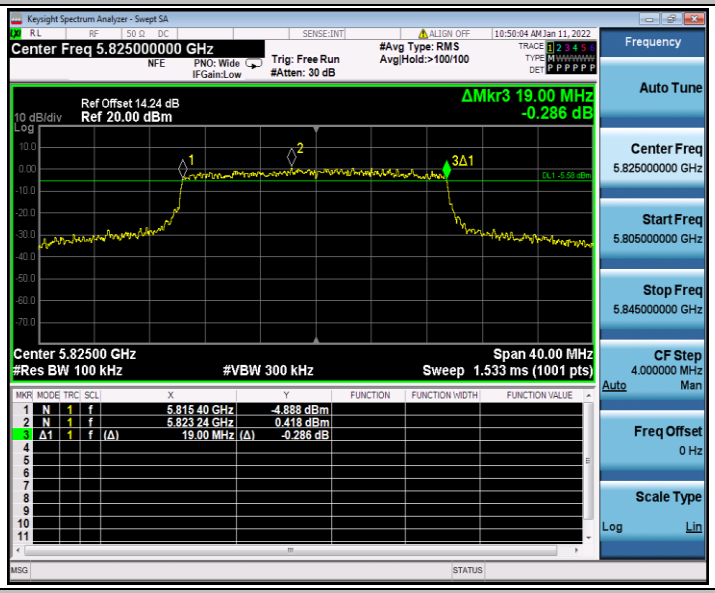
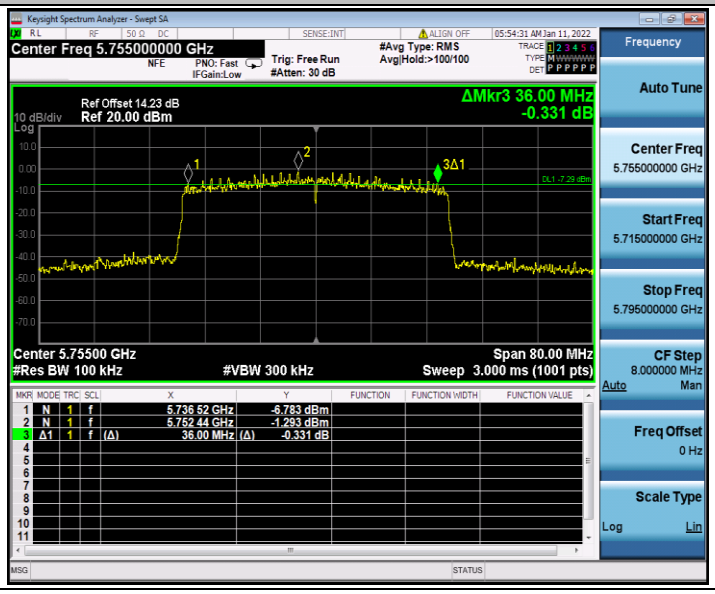
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