Case No. : GTS20250107026-2-05	
Ambient Condition: 21 ℃, 49 %RH	
According Standard: ■Part15E	
Test Date: 2025.1.18	**Test Engineer:** Evan ouyang

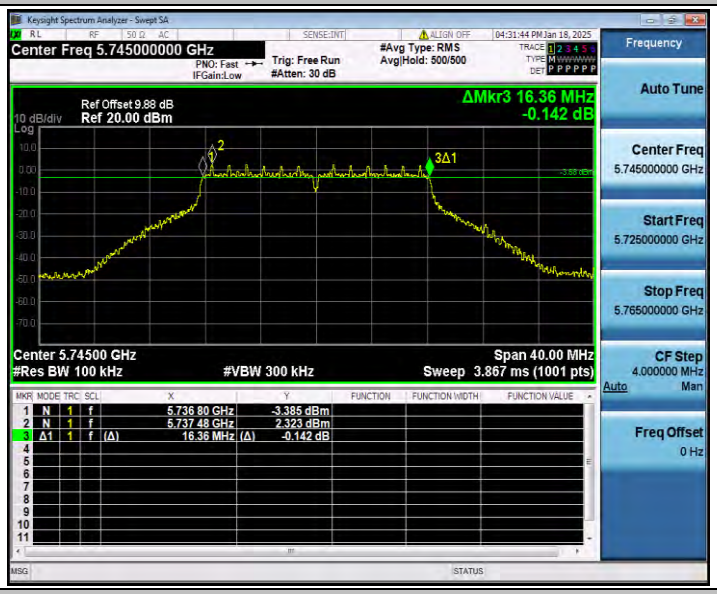
Appendix E.1: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.560	5736.240	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.560	5816.240	5833.800	0.5	PASS
11N40SISO	Ant1	5755	36.400	5736.840	5773.240	0.5	PASS
		5795	36.400	5776.840	5813.240	0.5	PASS
11AC20SISO	Ant1	5745	17.560	5736.240	5753.800	0.5	PASS
		5785	17.600	5776.240	5793.840	0.5	PASS
		5825	17.600	5816.240	5833.840	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.920	5773.240	0.5	PASS
		5795	36.320	5776.920	5813.240	0.5	PASS
11AX20SISO	Ant1	5745	18.960	5735.560	5754.520	0.5	PASS
		5785	18.760	5775.680	5794.440	0.5	PASS
		5825	18.800	5815.680	5834.480	0.5	PASS
11AX40SISO	Ant1	5755	37.920	5736.120	5774.040	0.5	PASS
		5795	37.920	5776.120	5814.040	0.5	PASS

Test Graphs B4

11A_Ant1_5745



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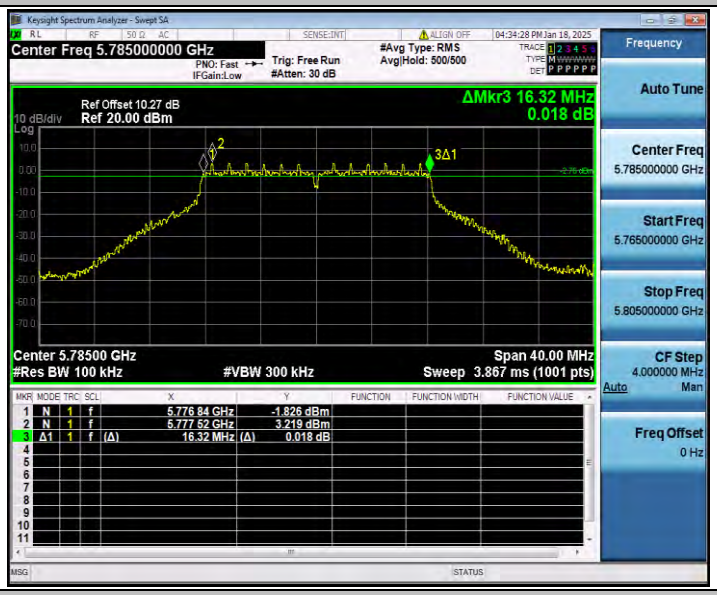

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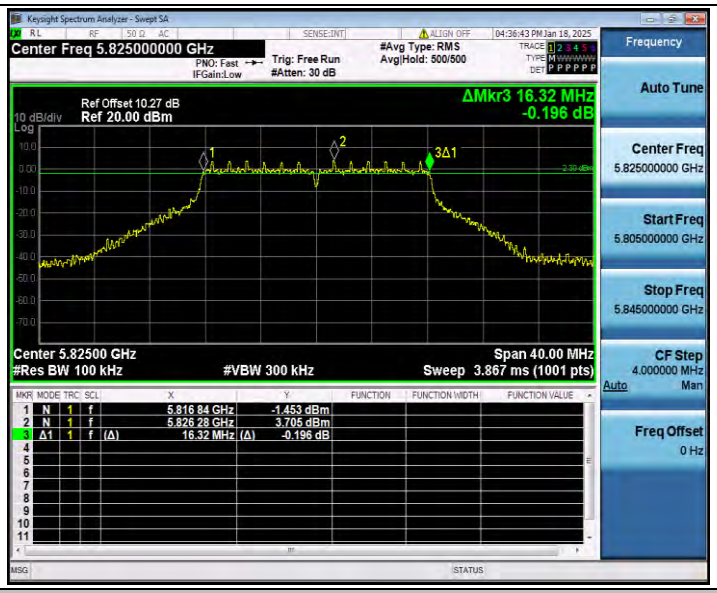

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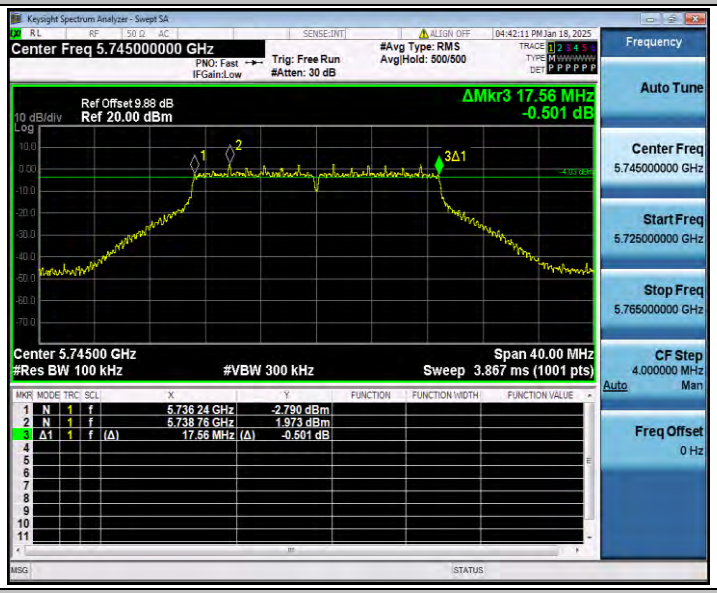

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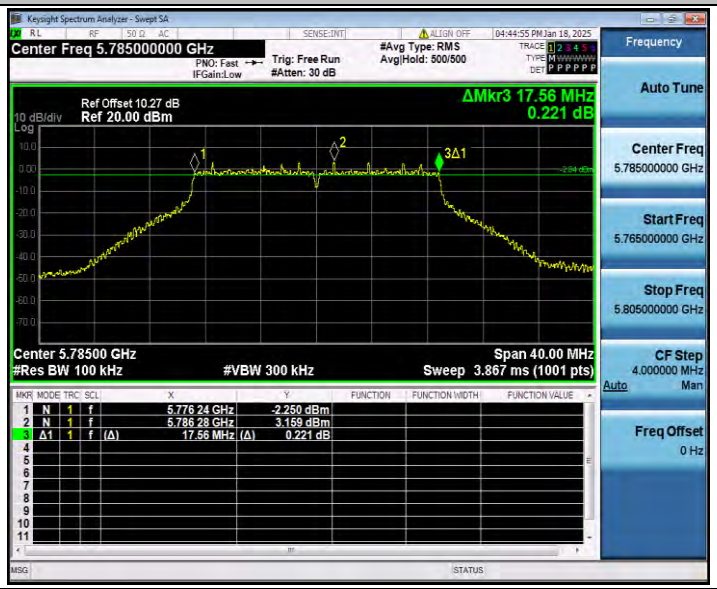

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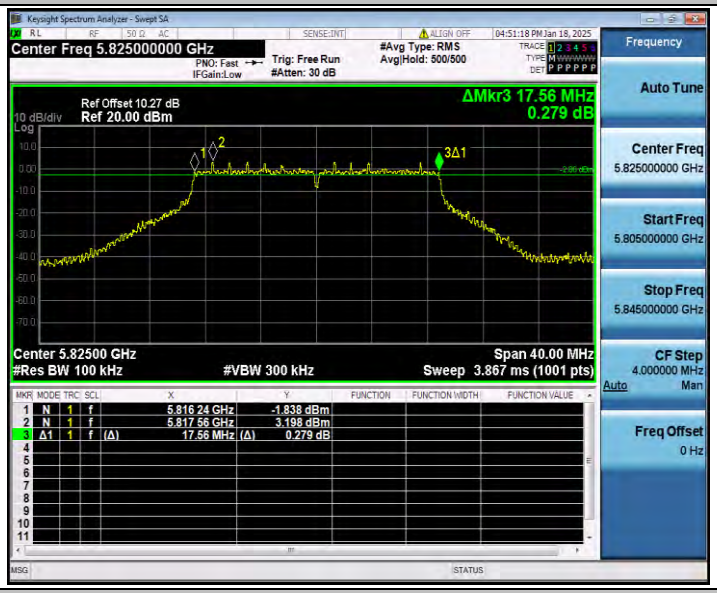

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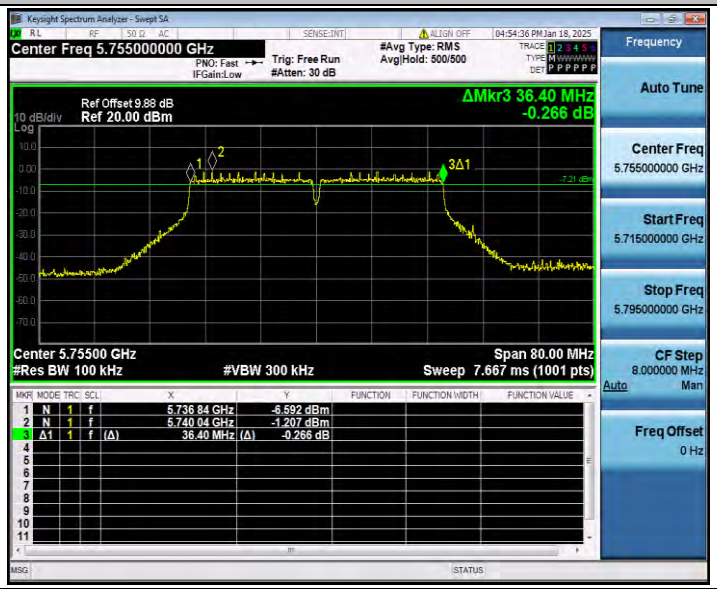

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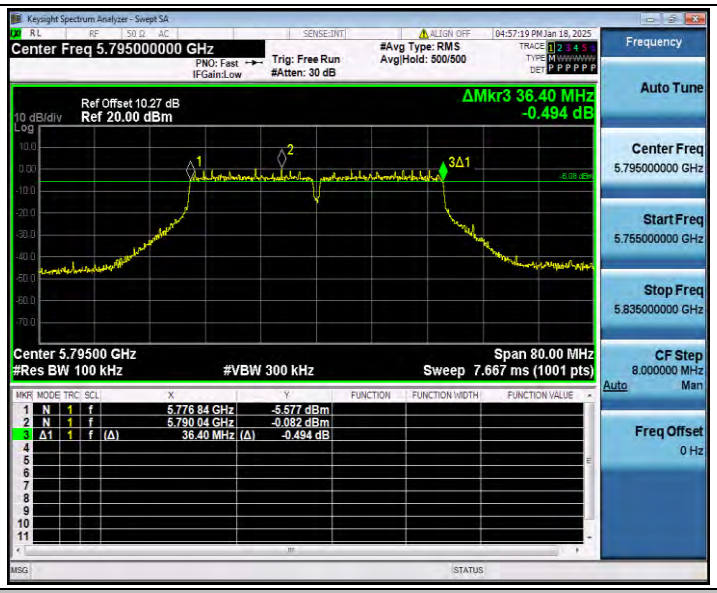

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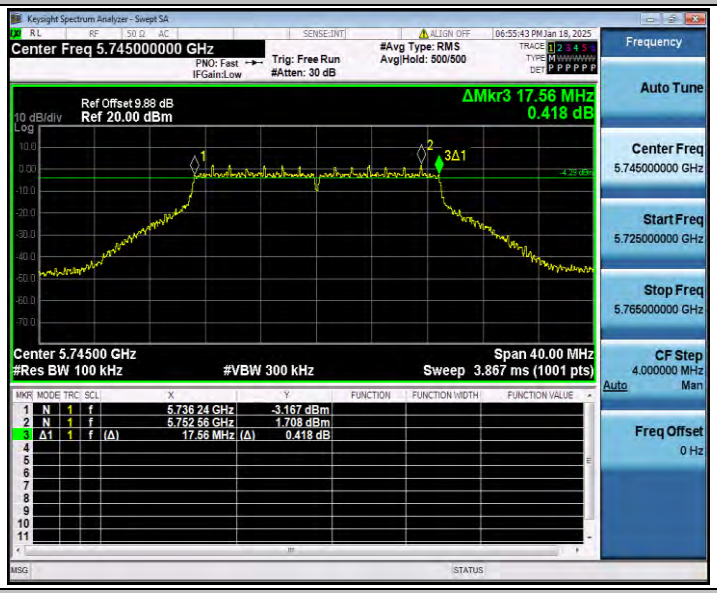

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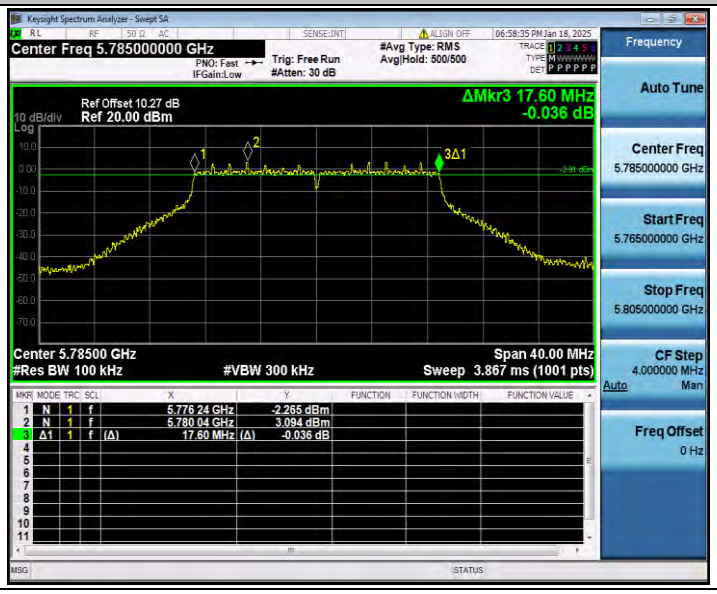

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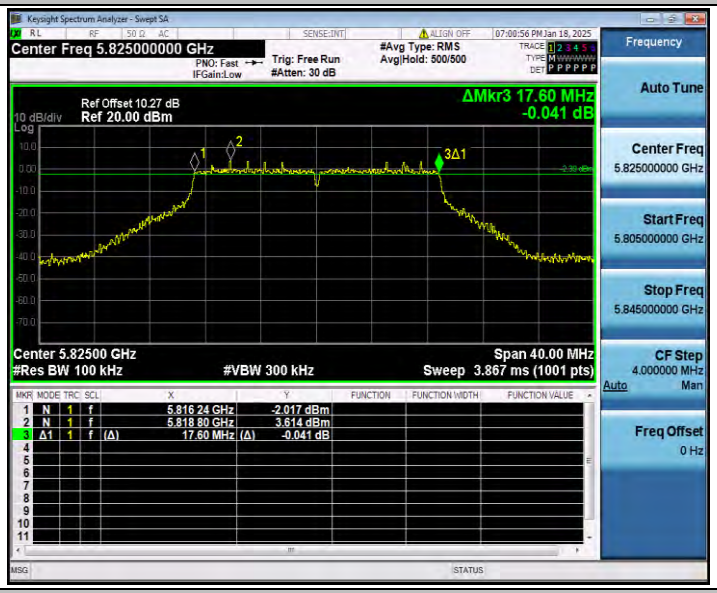

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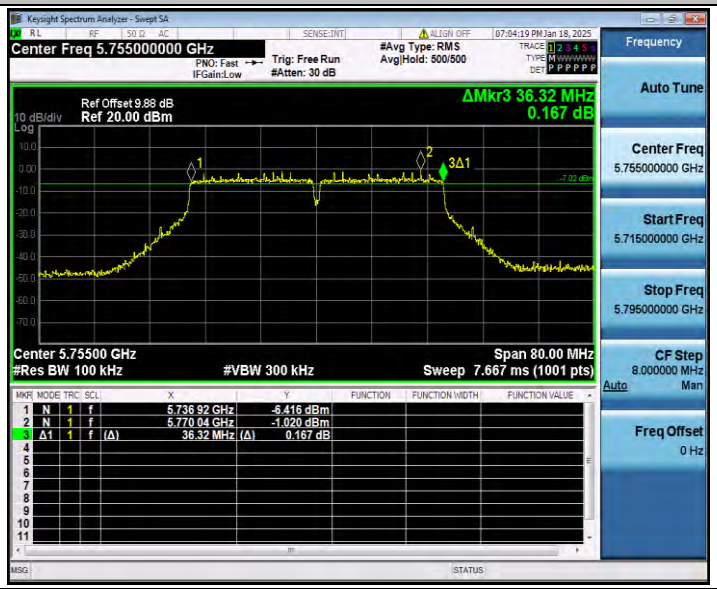

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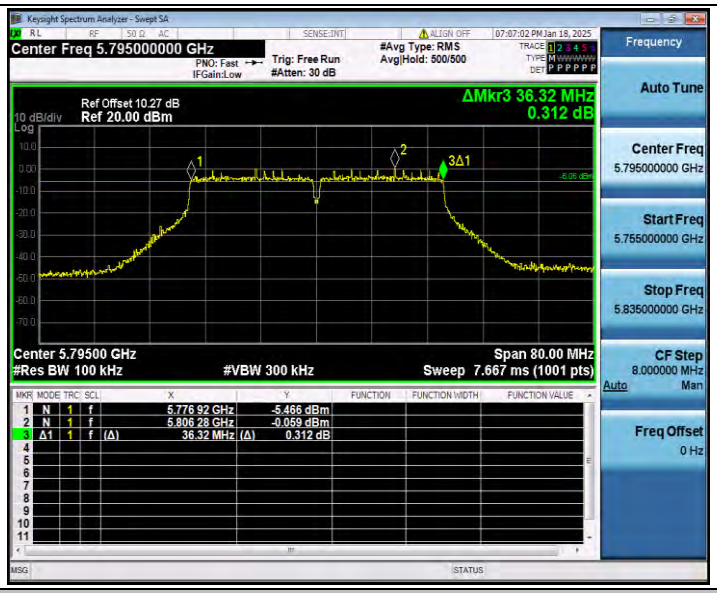

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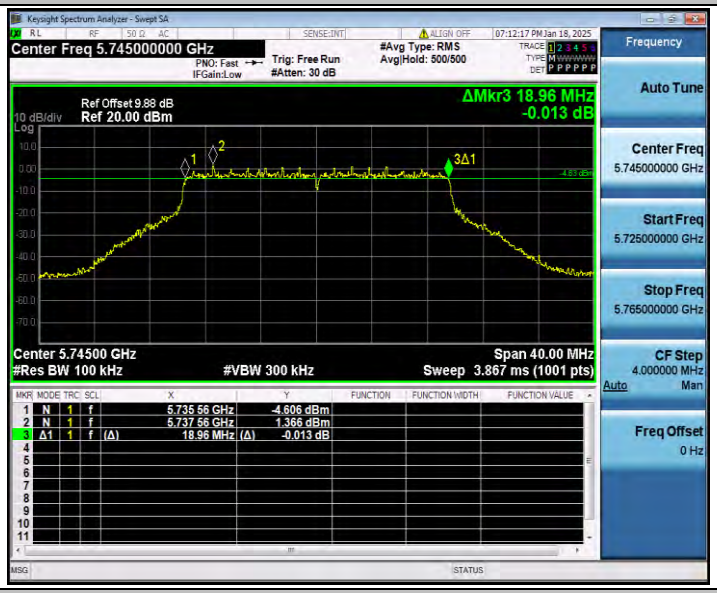

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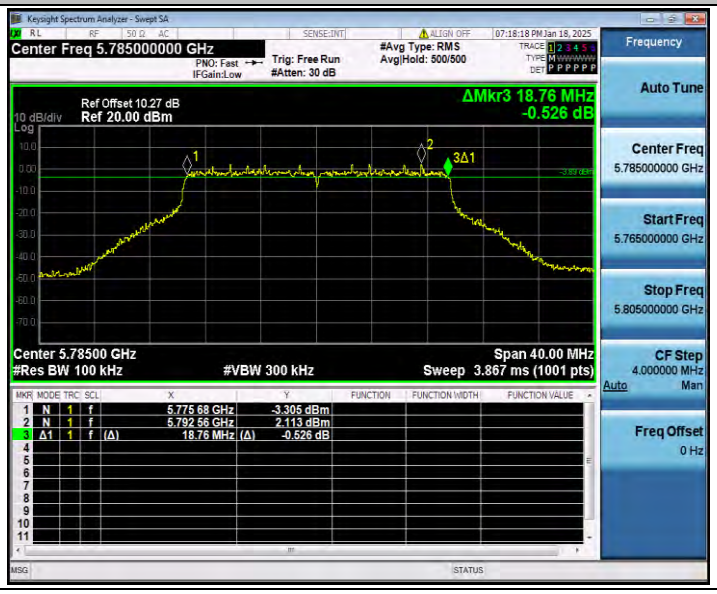

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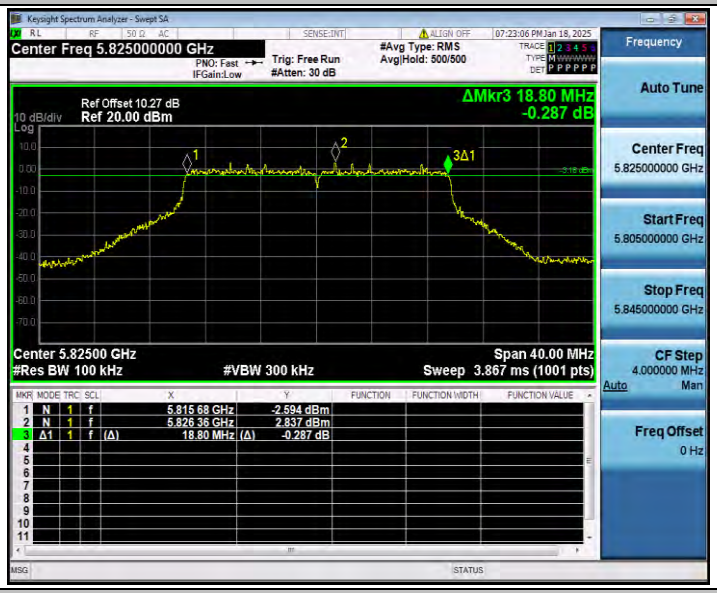
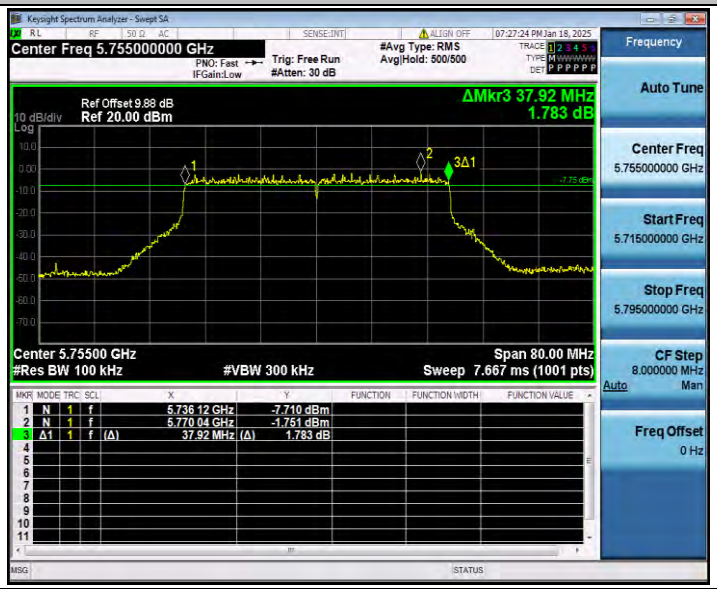
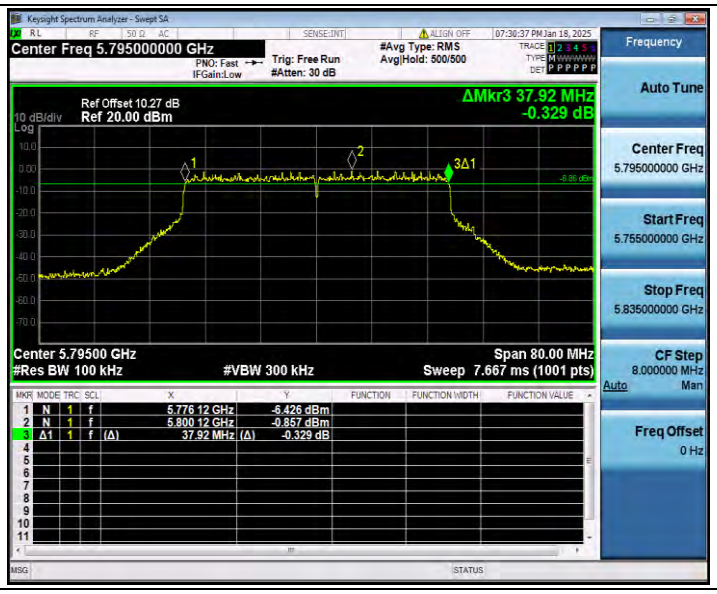


11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795


Keysight Spectrum Analyzer - Swept SA
Center Freq 5.795000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 500/500
07:30:37 PM Jan 18, 2025
Frequency
Auto Tune
Center Freq
5.795000000 GHz
Start Freq
5.755000000 GHz
Stop Freq
5.835000000 GHz
CF Step
8.000000 MHz
Auto
Man
Freq Offset
0 Hz
Ref Offset 10.27 dB
10 dB/div
Ref 20.00 dBm
Log
ΔMkr3 37.92 MHz
-0.329 dB
Center 5.79500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 80.00 MHz
Sweep 7.667 ms (1001 pts)
1 N 1 f 5.776 12 GHz -6.426 dBm
2 N 1 f 5.800 12 GHz -0.857 dBm
3 Δ1 1 f (Δ) 37.92 MHz (Δ) -0.329 dB

Appendix E.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.289	5736.3320	5753.6210	---	---
		5785	17.284	5776.3491	5793.6331	---	---
		5825	17.301	5816.3548	5833.6558	---	---
11N20SISO	Ant1	5745	18.360	5735.8382	5754.1982	---	---
		5785	18.340	5775.8430	5794.1830	---	---
		5825	18.331	5815.8338	5834.1648	---	---
11N40SISO	Ant1	5755	36.774	5736.6950	5773.4690	---	---
		5795	36.755	5776.7087	5813.4637	---	---
11AC20SISO	Ant1	5745	18.397	5735.8310	5754.2280	---	---
		5785	18.380	5775.8437	5794.2237	---	---
		5825	18.421	5815.8209	5834.2419	---	---
11AC40SISO	Ant1	5755	36.803	5736.7324	5773.5354	---	---
		5795	36.778	5776.7724	5813.5504	---	---
11AX20SISO	Ant1	5745	19.309	5735.3947	5754.7037	---	---
		5785	19.244	5775.4386	5794.6826	---	---
		5825	19.263	5815.4313	5834.6943	---	---
11AX40SISO	Ant1	5755	38.049	5736.0653	5774.1143	---	---
		5795	38.026	5776.0602	5814.0862	---	---

Test Graphs

11A_Ant1_5745

11A_Ant1_5785

11A_Ant1_5825

11N20SISO_Ant1_5745

11N20SISO_Ant1_5785

11N20SISO_Ant1_5825

11N40SISO_Ant1_5755

11N40SISO_Ant1_5795

11AC20SISO_Ant1_5745

11AC20SISO_Ant1_5785

11AC20SISO_Ant1_5825

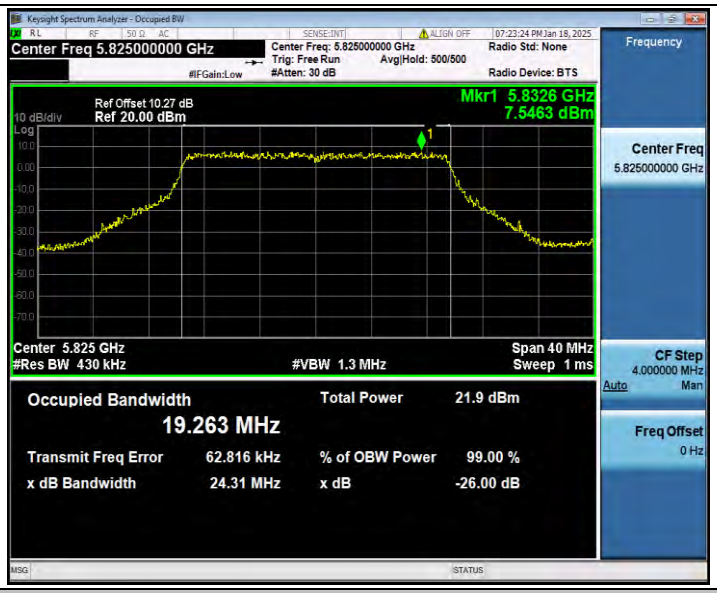
11AC40SISO_Ant1_5755

11AC40SISO_Ant1_5795

11AX20SISO_Ant1_5745

11AX20SISO_Ant1_5785

11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755

11AX40SISO_Ant1_5795

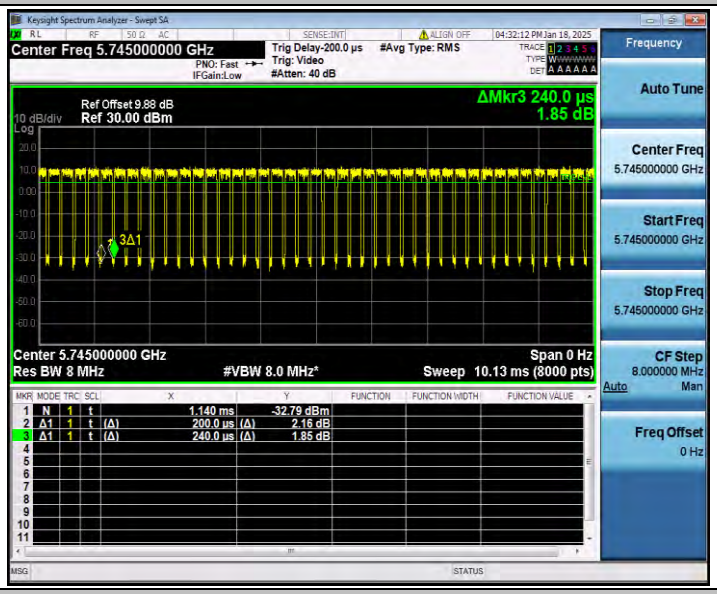
Appendix E.3: Duty Cycle

Test Result

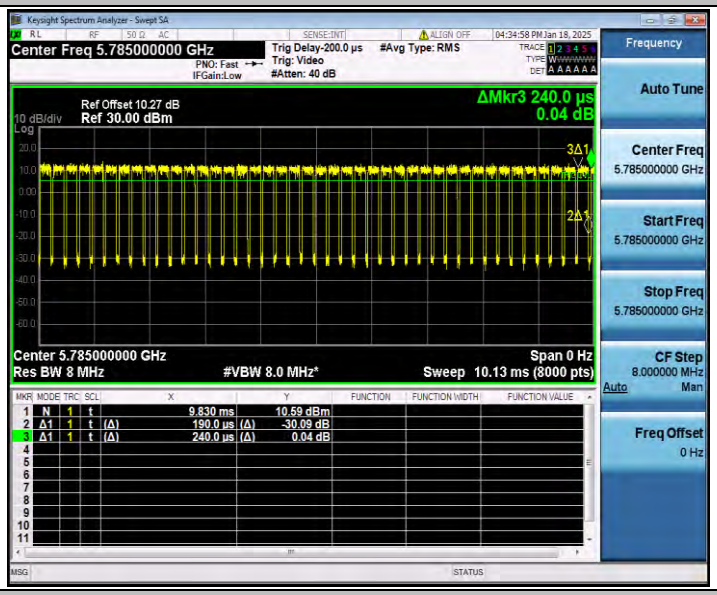
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	0.20	0.24	83.33	0.79	5.00
		5785	0.19	0.24	79.17	1.01	5.26
		5825	0.19	0.24	79.17	1.01	5.26
11N20SISO	Ant1	5745	4.02	4.06	99.01	0.04	0.25
		5785	4.01	4.06	98.77	0.05	0.25
		5825	4.02	4.06	99.01	0.04	0.25
11N40SISO	Ant1	5755	4.00	4.04	99.01	0.04	0.25
		5795	3.99	4.04	98.76	0.05	0.25
11AC20SISO	Ant1	5745	4.00	4.05	98.77	0.05	0.25
		5785	4.01	4.05	99.01	0.04	0.25
		5825	4.00	4.05	98.77	0.05	0.25
11AC40SISO	Ant1	5755	3.98	4.03	98.76	0.05	0.25
		5795	3.98	4.02	99.00	0.04	0.25
11AX20SISO	Ant1	5745	4.00	4.04	99.01	0.04	0.25
		5785	4.00	4.05	98.77	0.05	0.25
		5825	4.00	4.05	98.77	0.05	0.25
11AX40SISO	Ant1	5755	3.99	4.03	99.01	0.04	0.25
		5795	3.99	4.03	99.01	0.04	0.25

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



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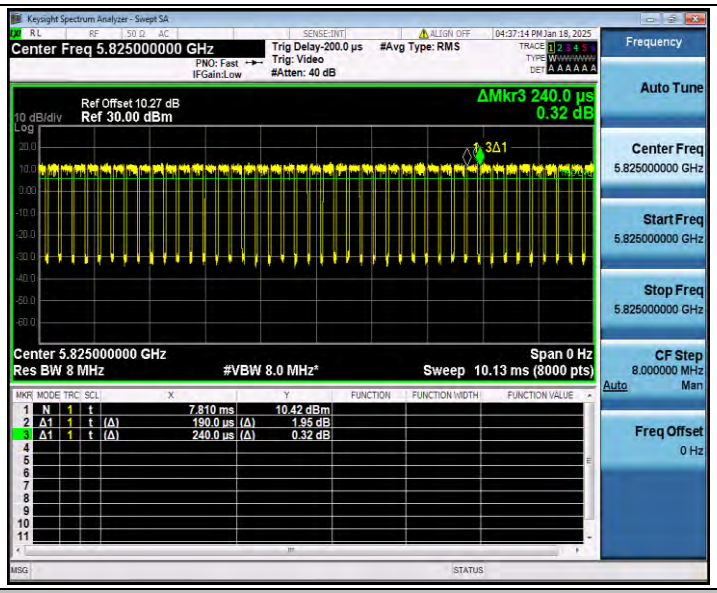

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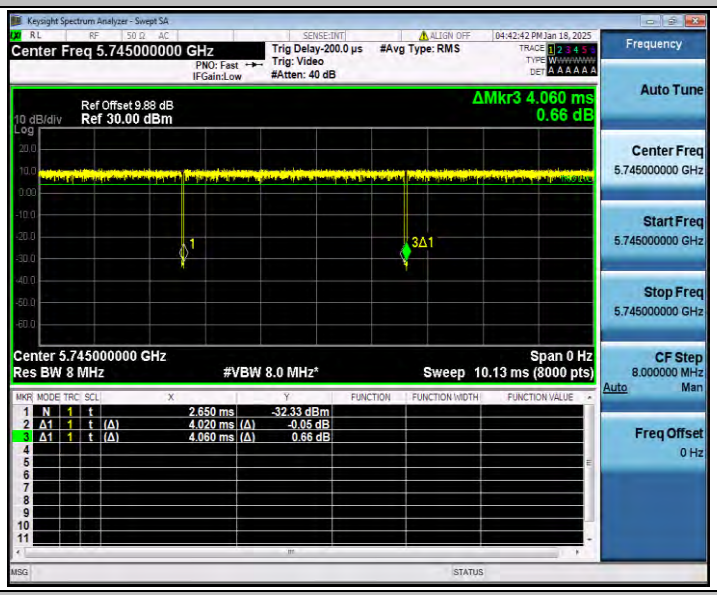

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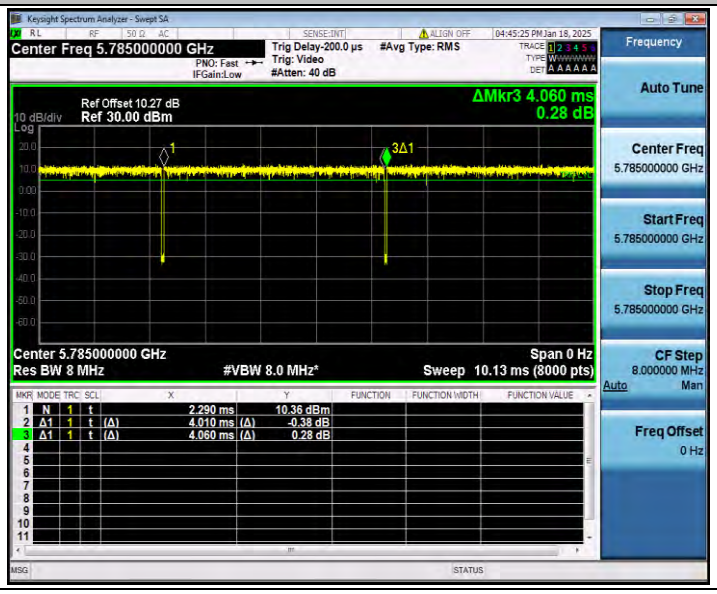

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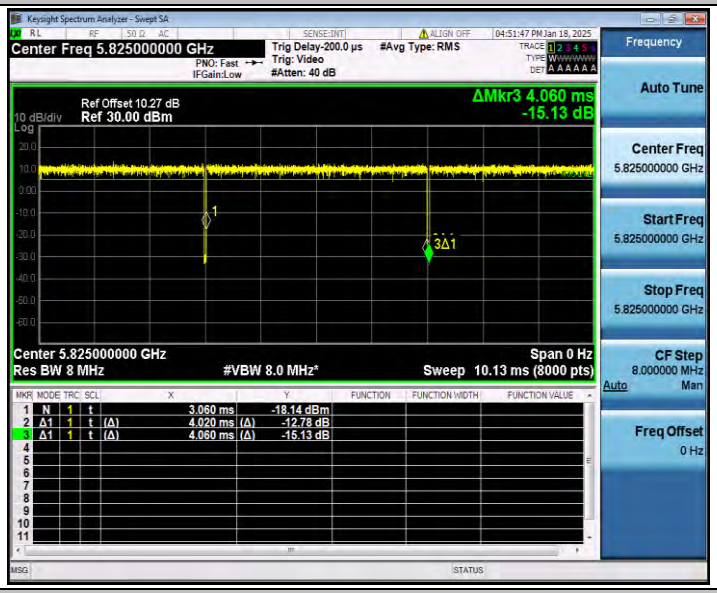

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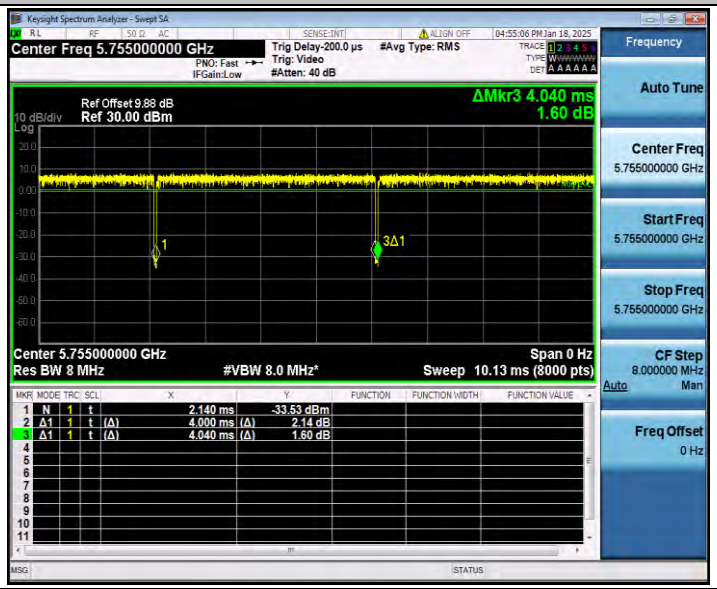

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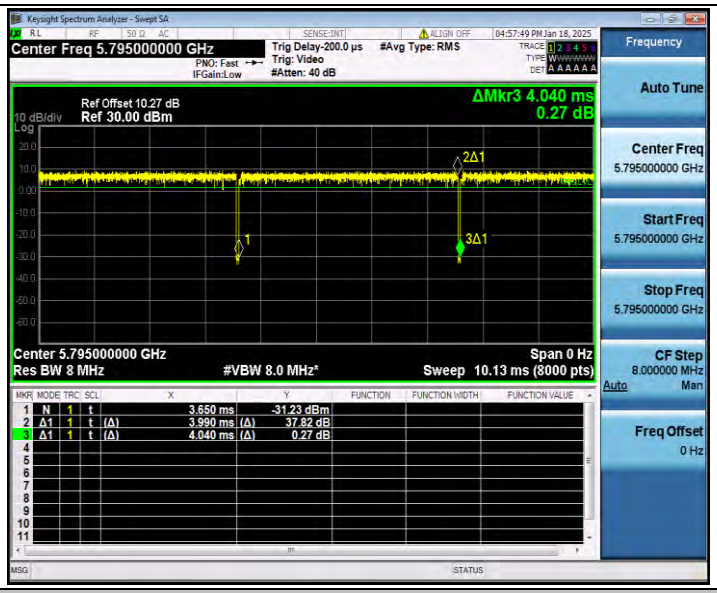

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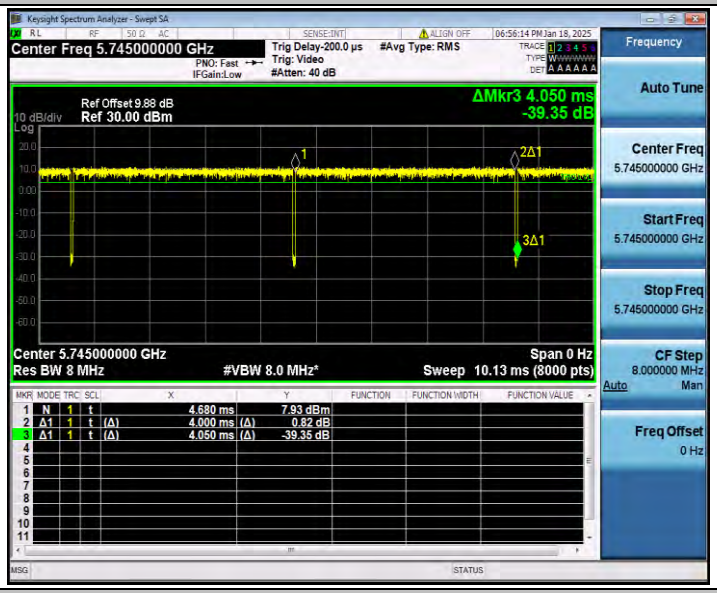

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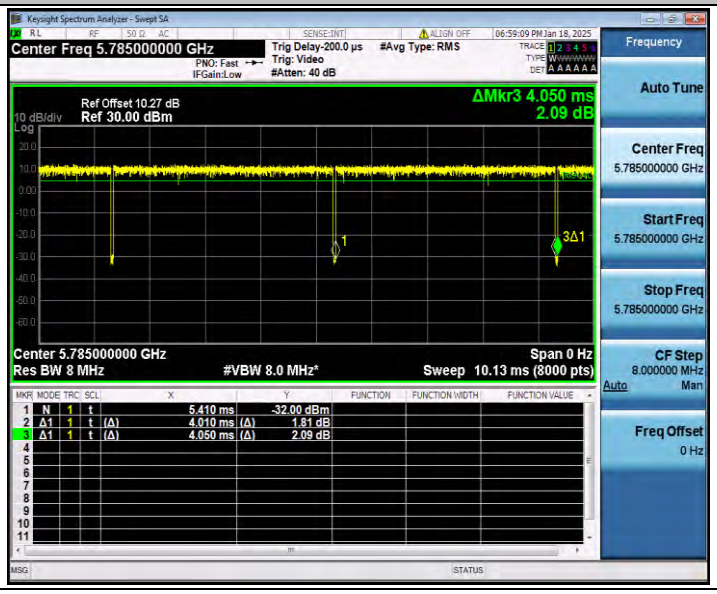

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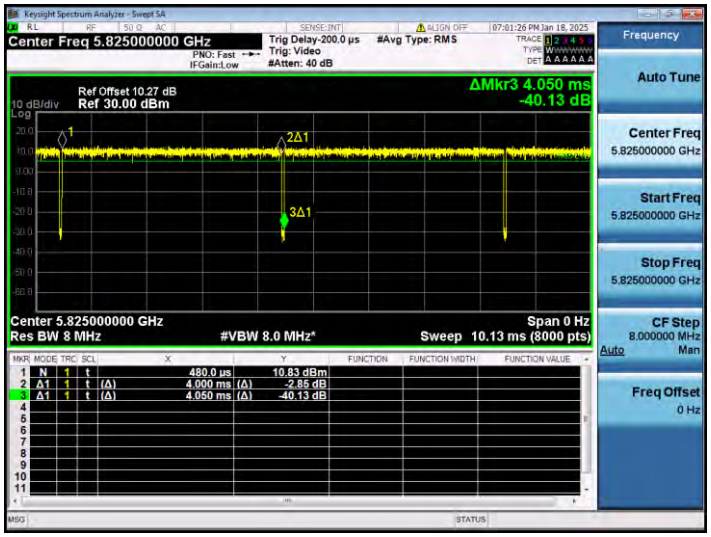

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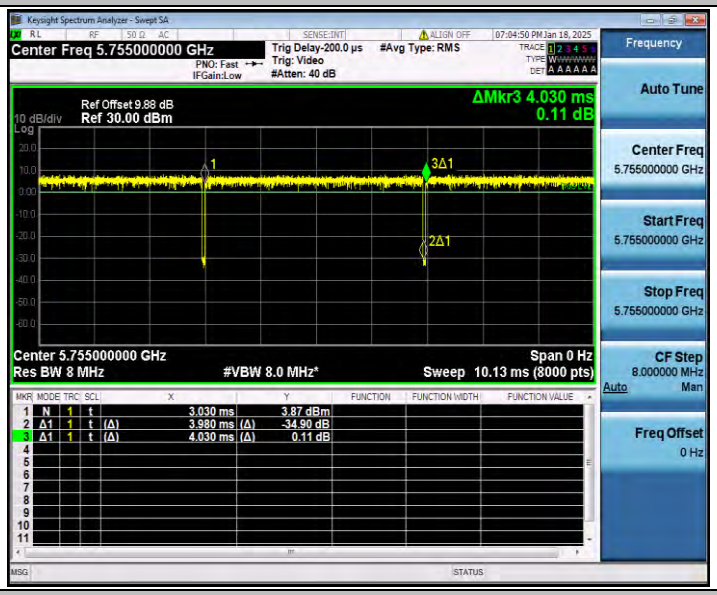

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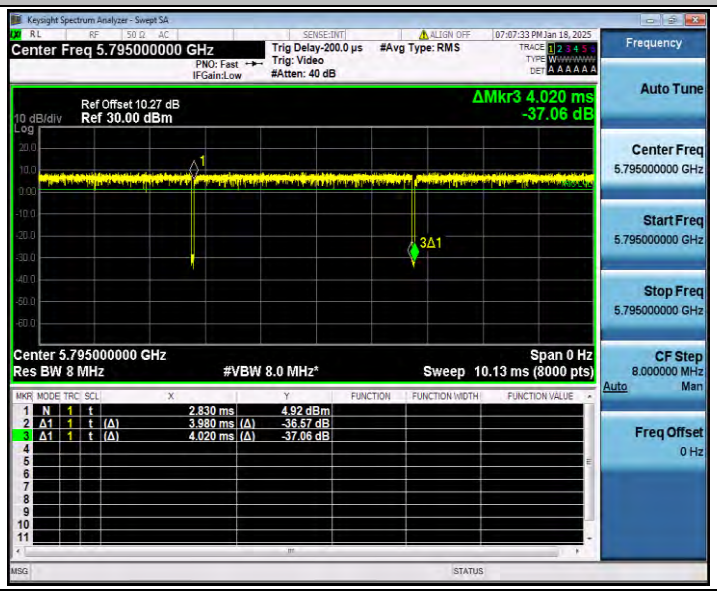

11AX20SISO_Ant1_5745

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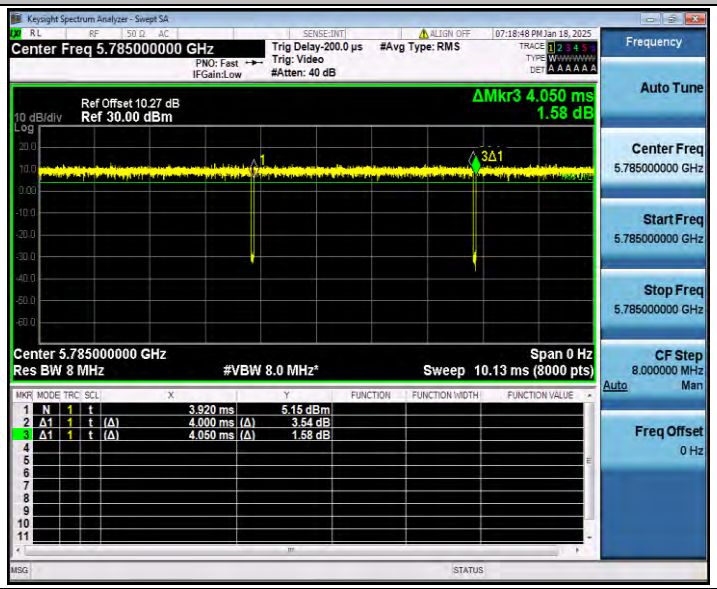

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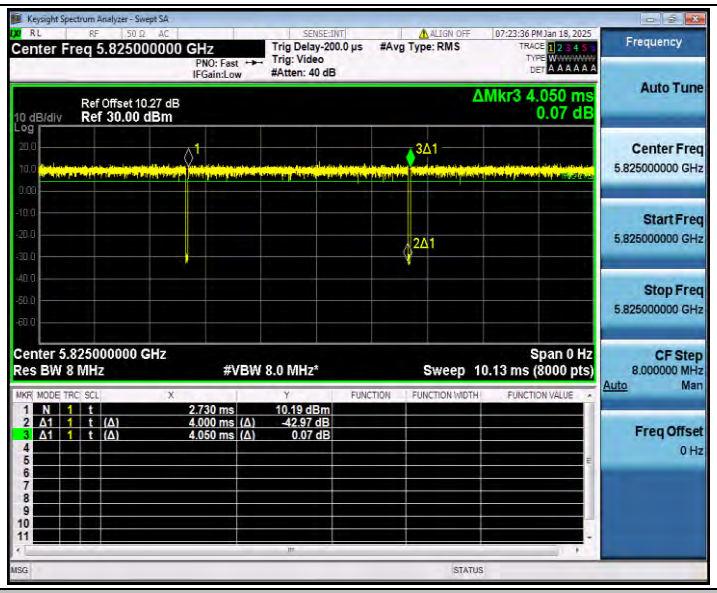

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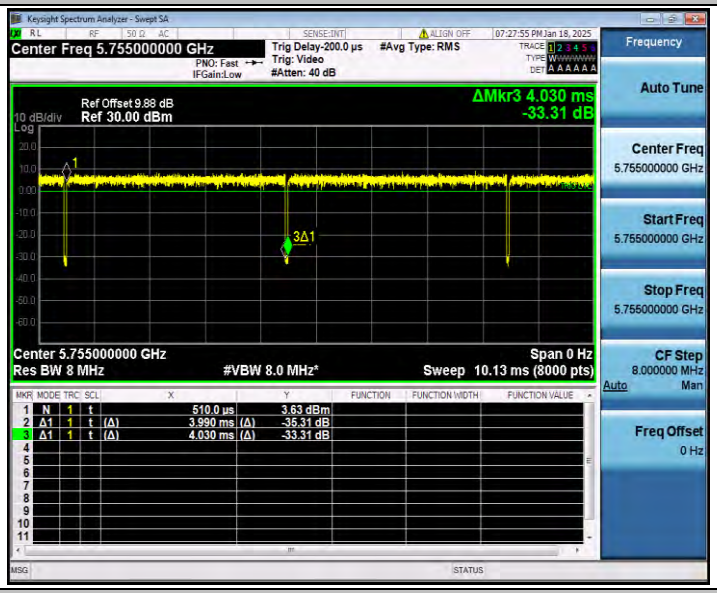
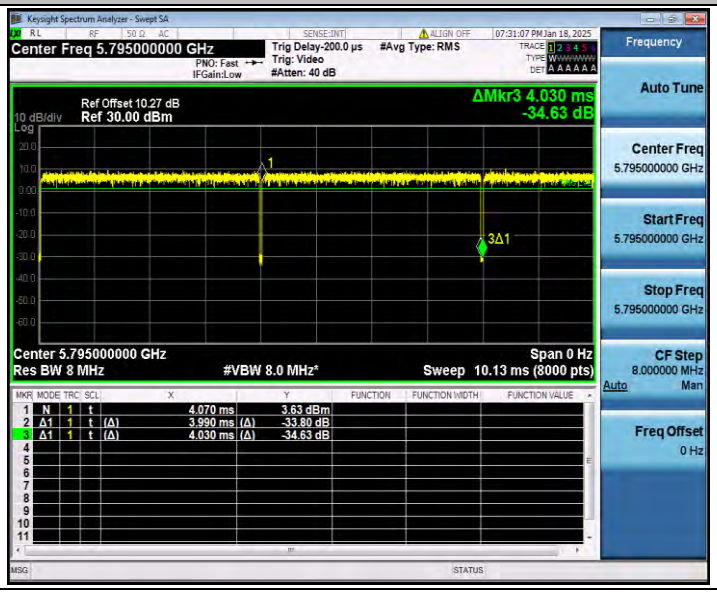
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