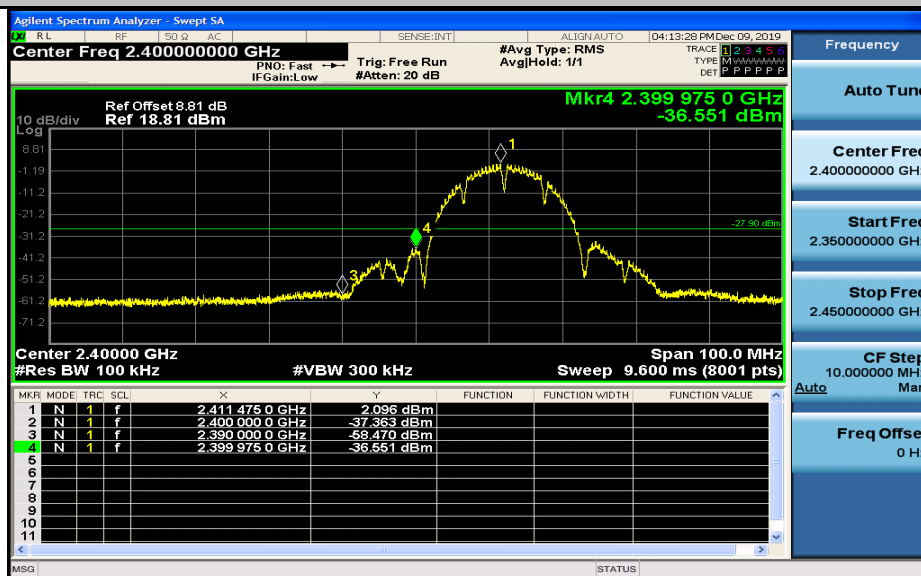
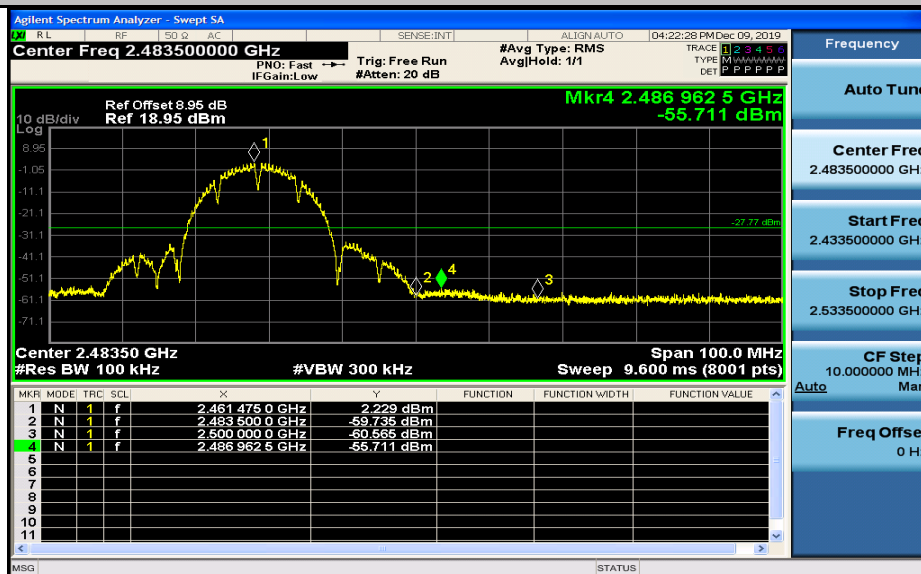


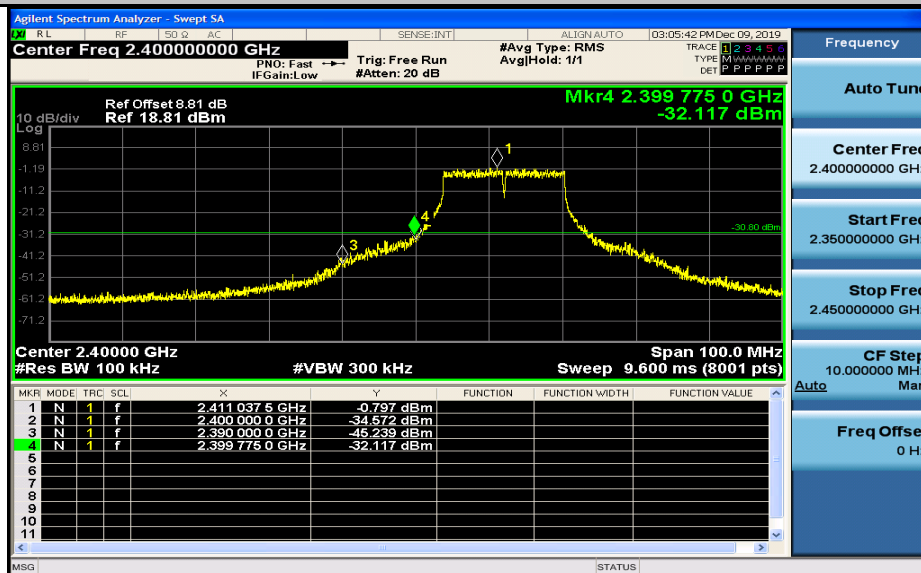
Band-edge for RF Conducted Emissions_11B_2412_Ant2



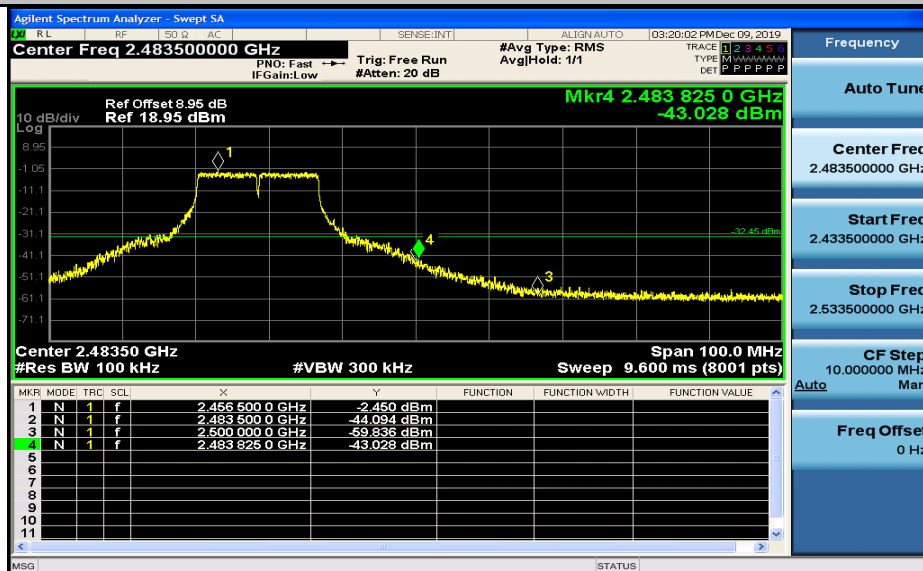
Band-edge for RF Conducted Emissions_11B_2462_Ant2



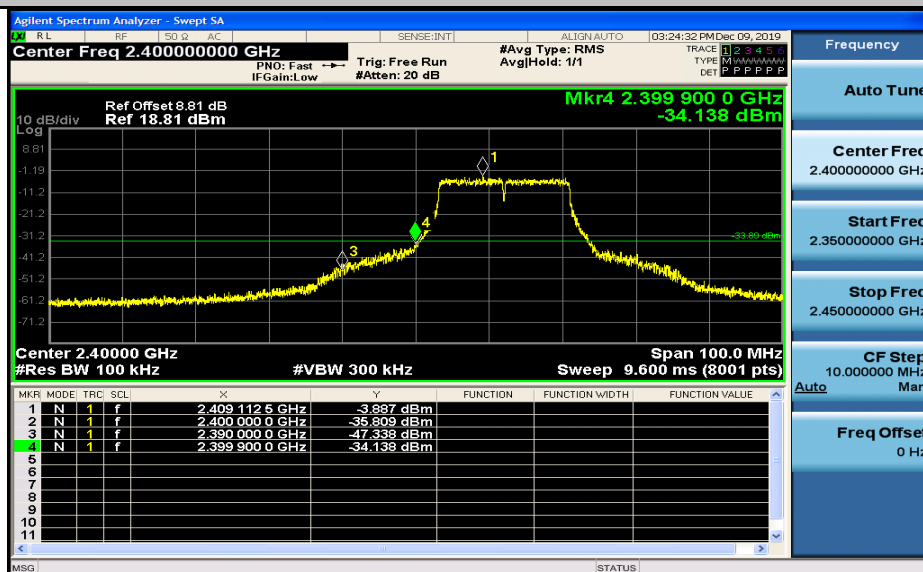
Band-edge for RF Conducted Emissions_11G_2412_Ant2



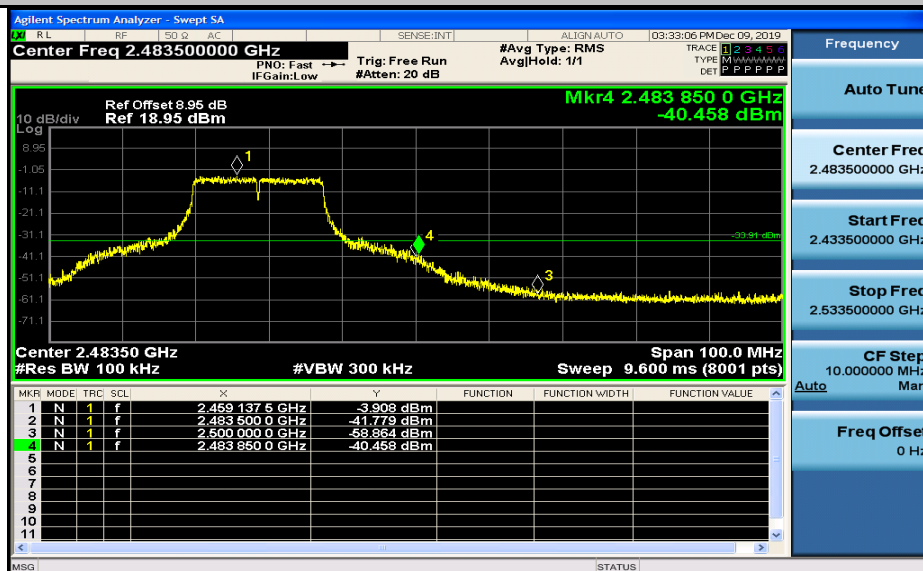
Band-edge for RF Conducted Emissions_11G_2462_Ant2



Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant2

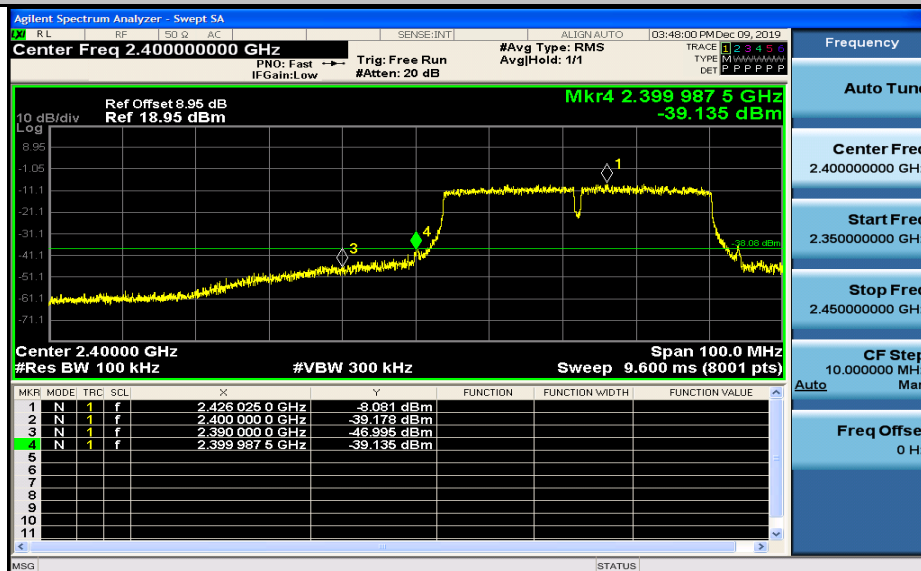


Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant2

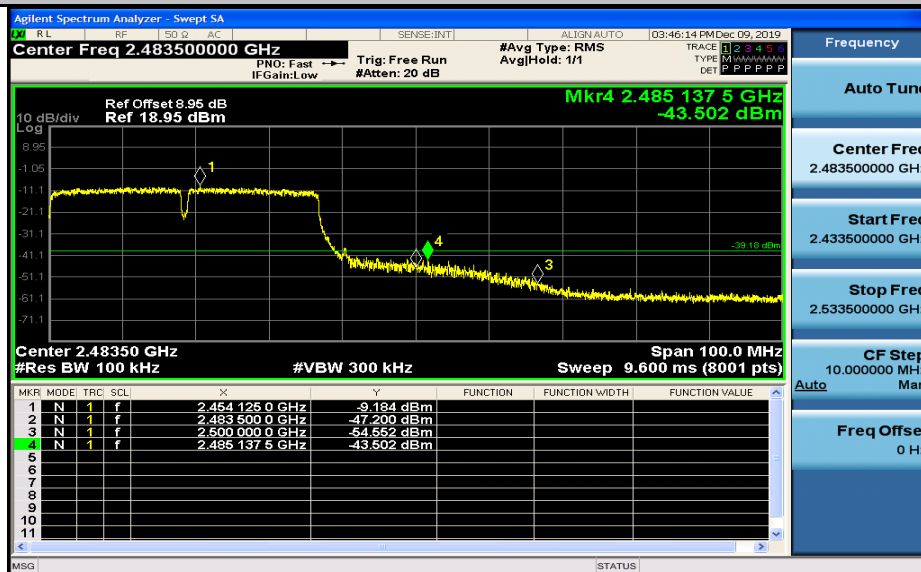




Band-edge for RF Conducted Emissions_11N40SISO_2422_Ant2



Band-edge for RF Conducted Emissions_11N40SISO_2452_Ant2



6.RF Conducted Spurious Emissions

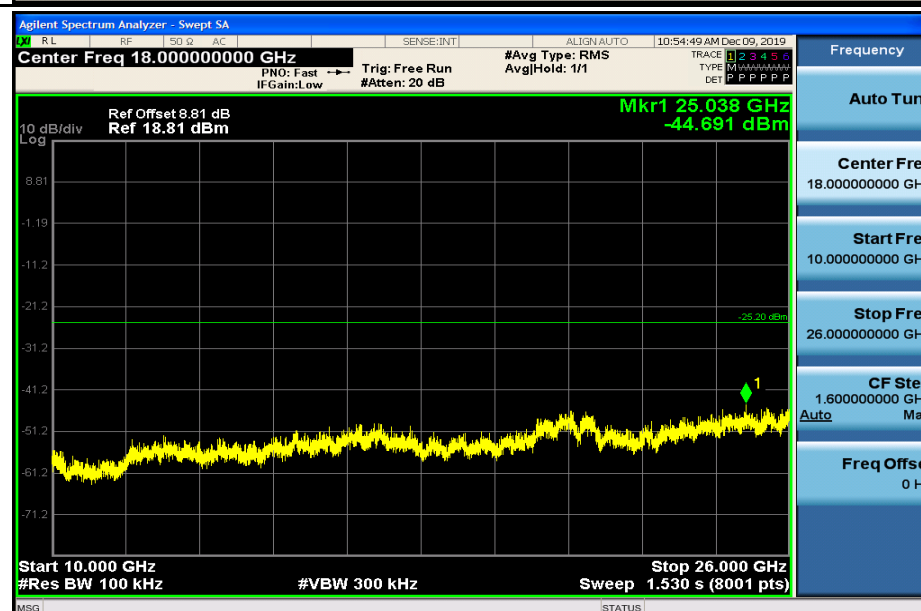
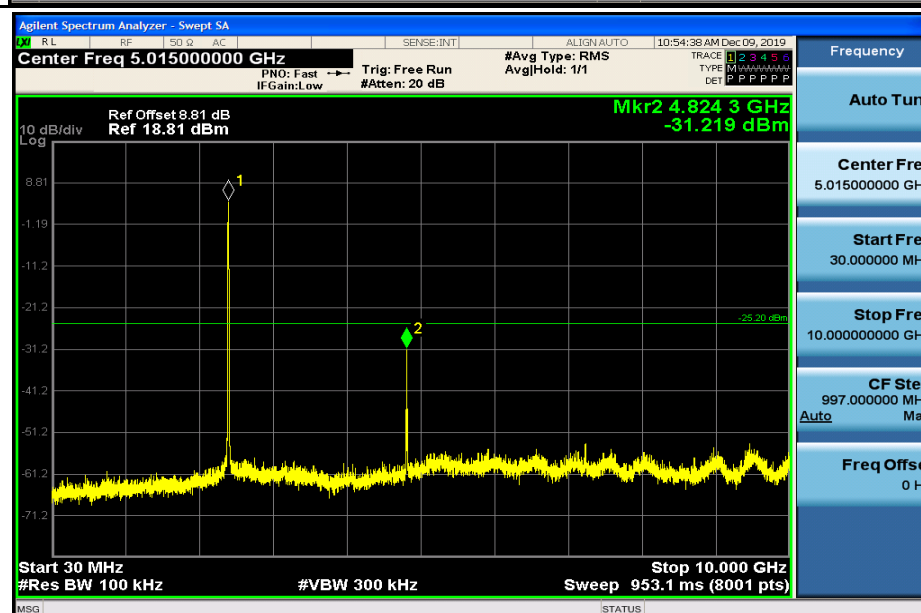
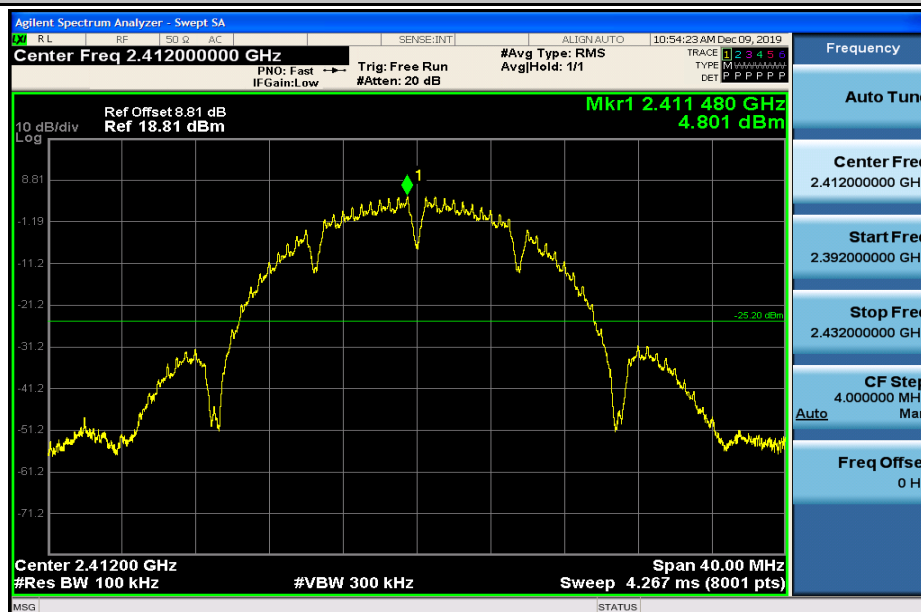
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]		Max. Level [dBm]		Limit [dBm]		Verdict
						Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11B	2412	30	10000	100	300	4.80	2.04	-31.22	-41.52	<- 25.20	<- 27.96	PASS
11B	2412	10000	26000	100	300	4.801	2.044	-44.691	-44.406	<- 25.199	<- 27.956	PASS
11B	2437	30	10000	100	300	4.61	2.49	-34.51	-42.32	<- 25.40	<- 27.51	PASS
11B	2437	10000	26000	100	300	4.605	2.49	-45.056	-44.581	<- 25.395	<- 27.51	PASS
11B	2462	30	10000	100	300	4.16	2.16	-34.49	-43.31	<- 25.84	<- 27.84	PASS
11B	2462	10000	26000	100	300	4.16	2.157	-44.858	-43.526	<- 25.84	<- 27.843	PASS
11G	2412	30	10000	100	300	-1.11	-0.51	-39.04	-53.42	<- 31.11	<- 30.51	PASS
11G	2412	10000	26000	100	300	-1.114	-0.509	-43.629	-44.430	<- 31.114	<- 30.509	PASS
11G	2437	30	10000	100	300	-0.75	-2.12	-45.94	-53.91	<- 30.75	<- 32.12	PASS
11G	2437	10000	26000	100	300	-0.747	-2.116	-44.516	-44.767	<- 30.747	<- 32.116	PASS
11G	2462	30	10000	100	300	-0.97	-2.35	-45.70	-53.64	<- 30.97	<- 32.35	PASS
11G	2462	10000	26000	100	300	-0.972	-2.352	-43.635	-43.447	<- 30.972	<- 32.352	PASS
11N20SISO	2412	30	10000	100	300	-2.70	-4.01	-46.72	-49.23	<- 32.70	<- 34.01	PASS
11N20SISO	2412	10000	26000	100	300	-2.703	-4.005	-44.489	-43.269	<- 32.703	<- 34.005	PASS
11N20SISO	2437	30	10000	100	300	-2.37	-3.63	-45.32	-52.23	<- 32.37	<- 33.63	PASS
11N20SISO	2437	10000	26000	100	300	-2.366	-3.626	-44.142	-44.375	<- 32.366	<- 33.626	PASS
11N20SISO	2462	30	10000	100	300	-2.77	-3.84	-46.48	-53.90	<- 32.77	<- 33.84	PASS
11N20SISO	2462	10000	26000	100	300	-2.766	-3.841	-44.599	-44.742	<- 32.766	<- 33.841	PASS
11N40SISO	2422	30	10000	100	300	-7.52	-8.68	-51.52	-54.34	<- 37.52	<- 38.68	PASS
11N40SISO	2422	10000	26000	100	300	-7.515	-8.681	-43.656	-43.917	<- 37.515	<- 38.681	PASS
11N40SISO	2437	30	10000	100	300	-7.49	-8.89	-49.22	-52.58	<- 37.49	<- 38.89	PASS
11N40SISO	2437	10000	26000	100	300	-7.488	-8.885	-44.527	-43.094	<- 37.488	<- 38.885	PASS
11N40SISO	2452	30	10000	100	300	-7.56	-9.20	-47.78	-53.54	<- 37.56	<- 39.20	PASS



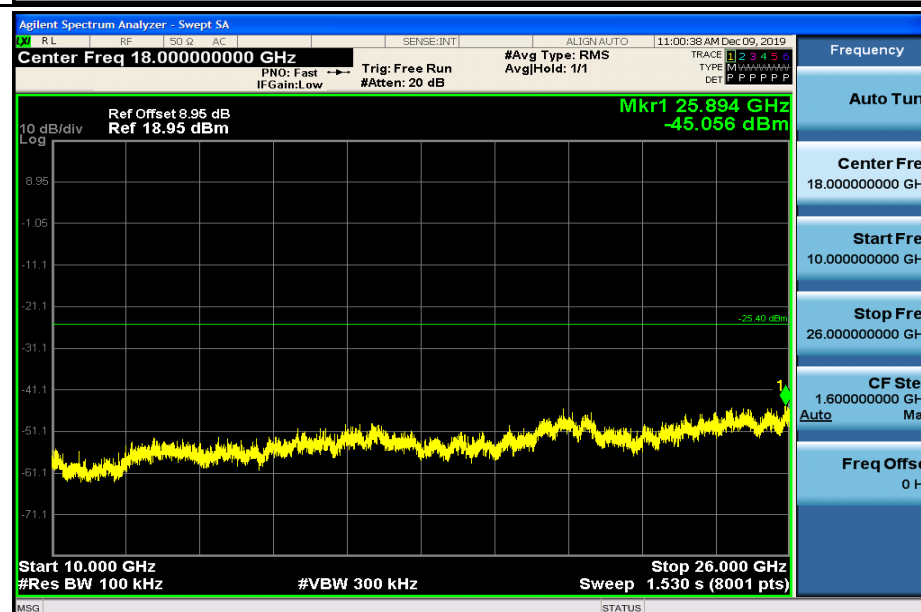
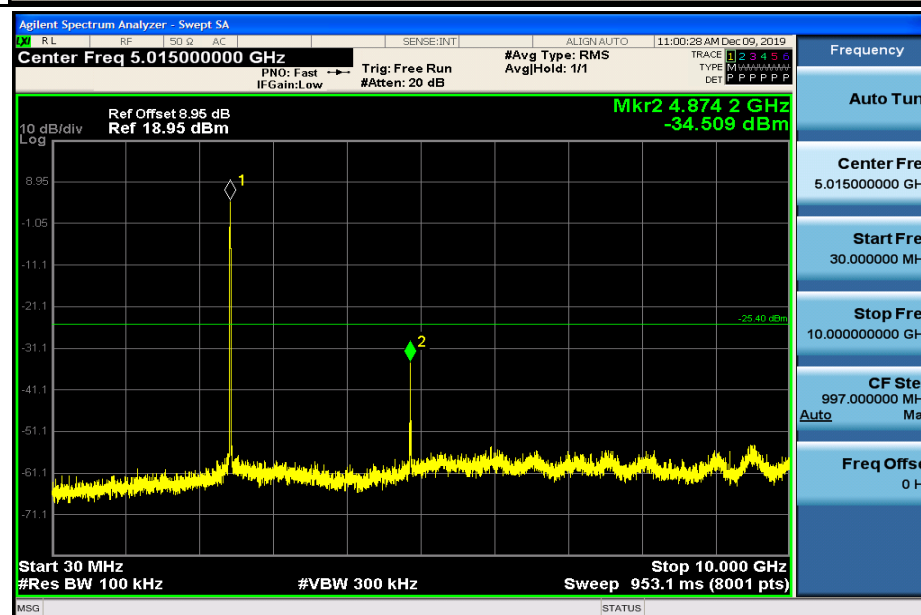
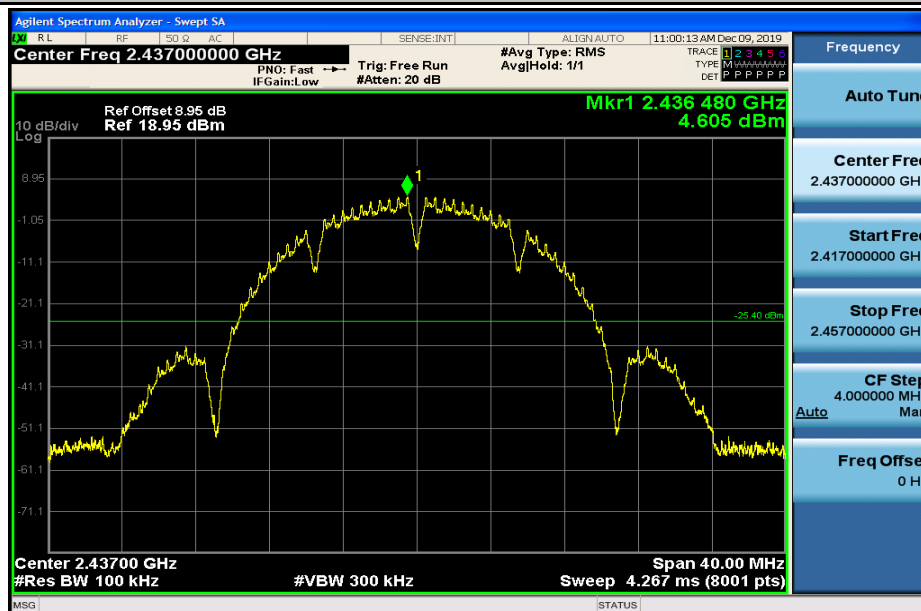
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Branch**

11N40SISO	2452	10000	26000	100	300	-7.56	-9.196	-43.697	-44.125	<- 37.56	<- 39.196	PASS
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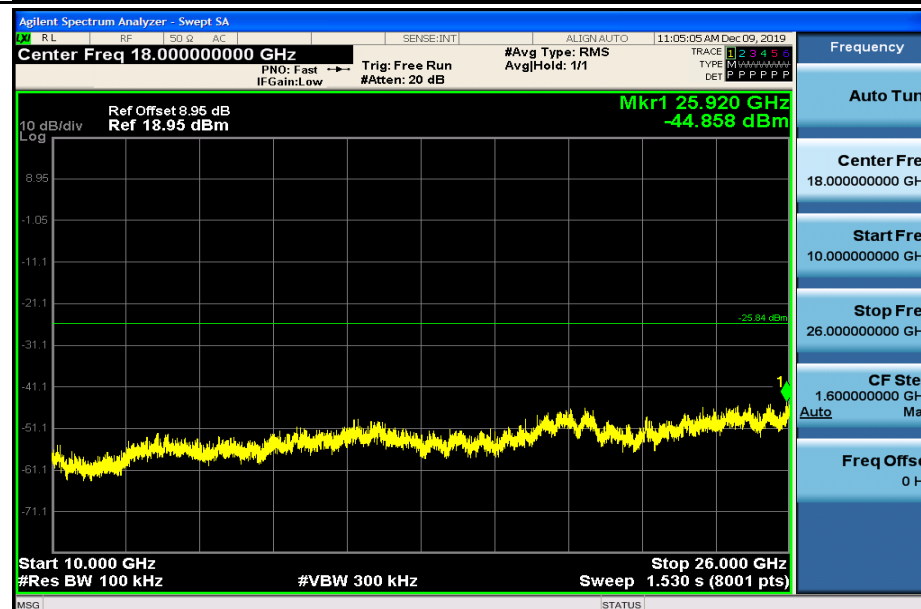
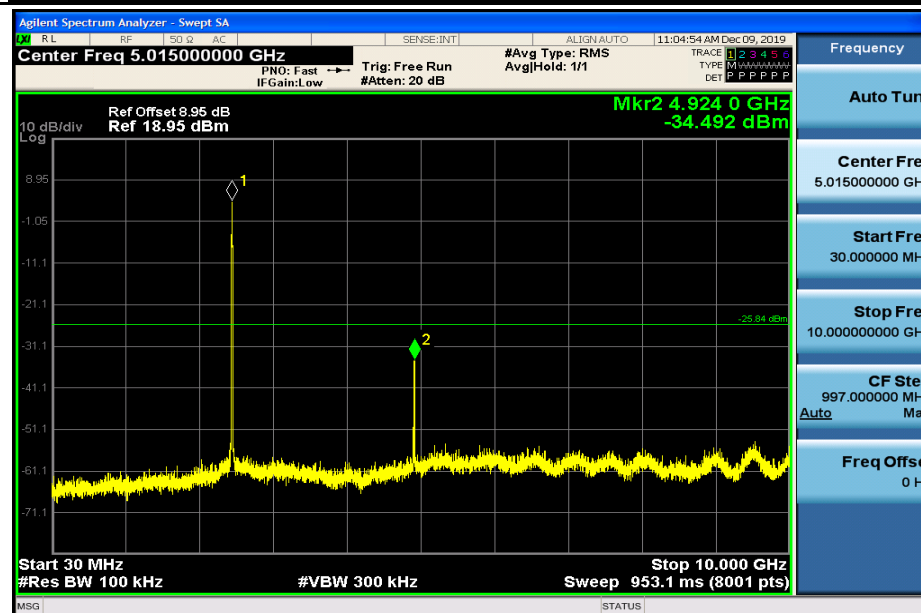
RF Conducted Spurious Emissions_11B_2412_Ant1



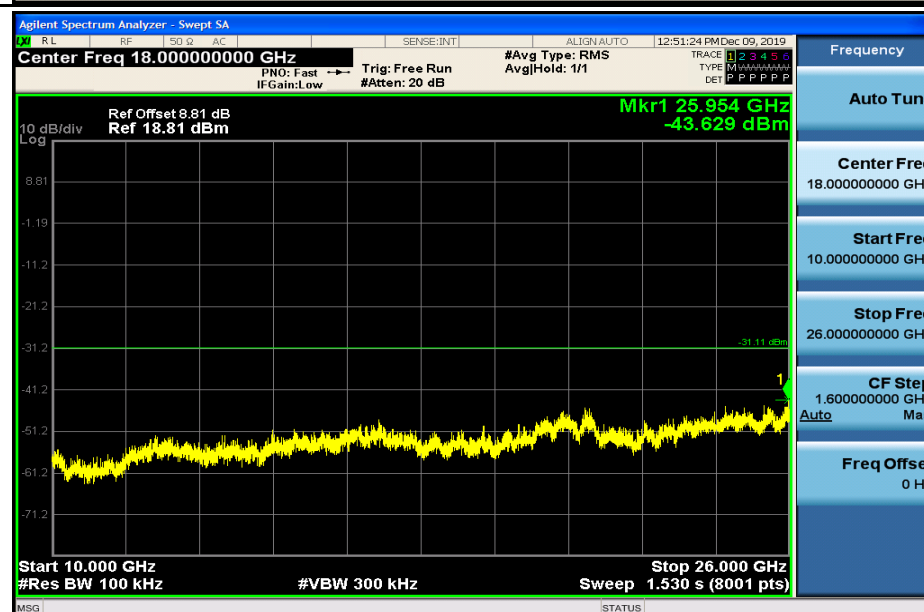
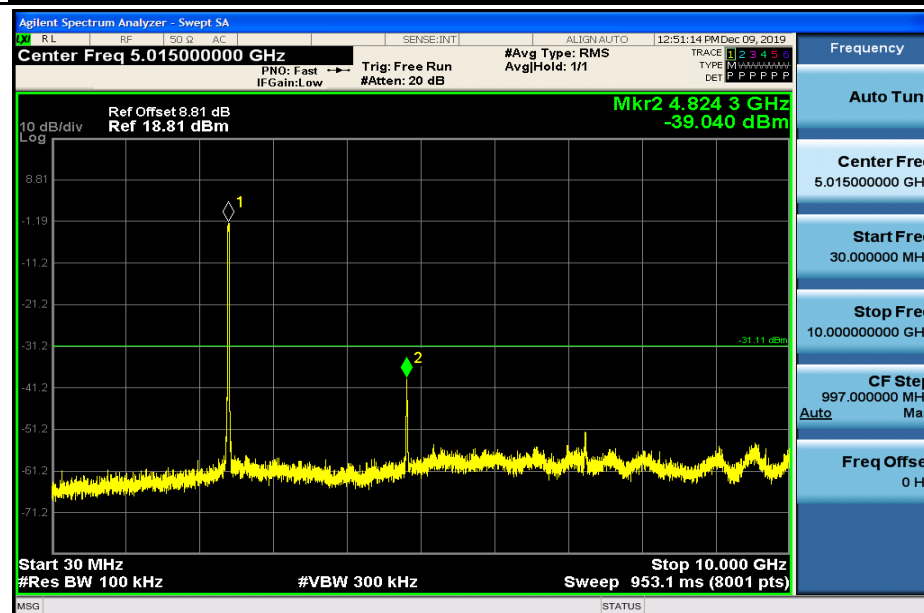
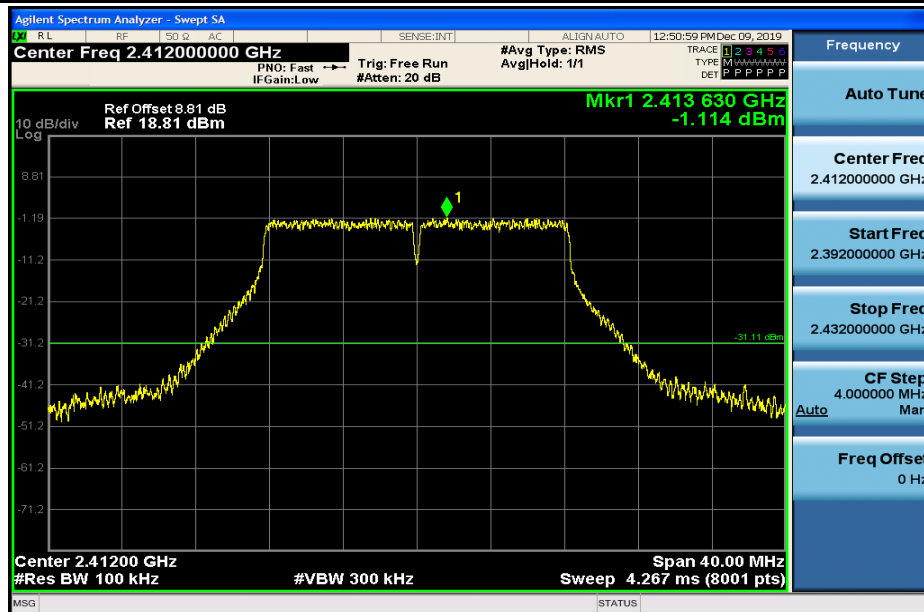
RF Conducted Spurious Emissions_11B_2437_Ant1



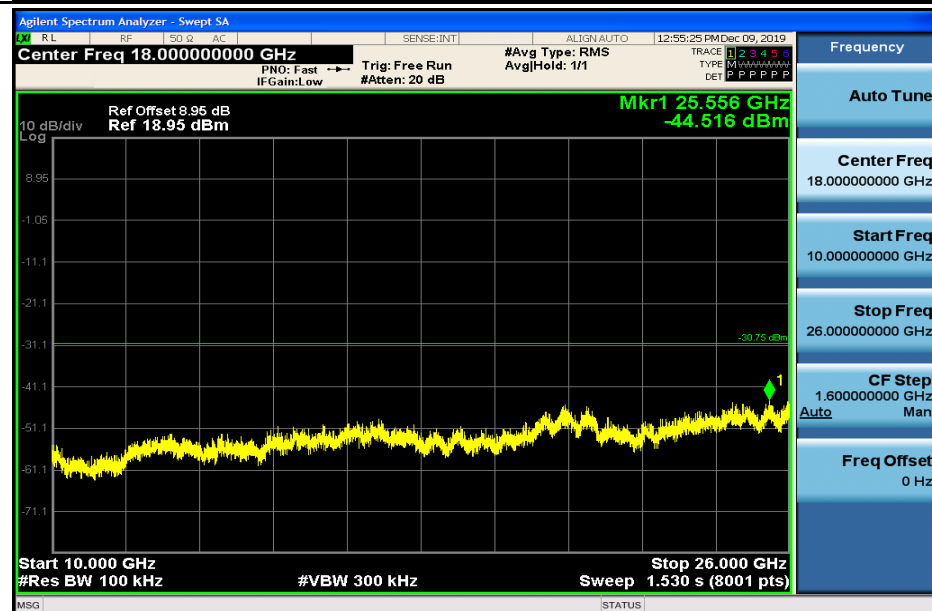
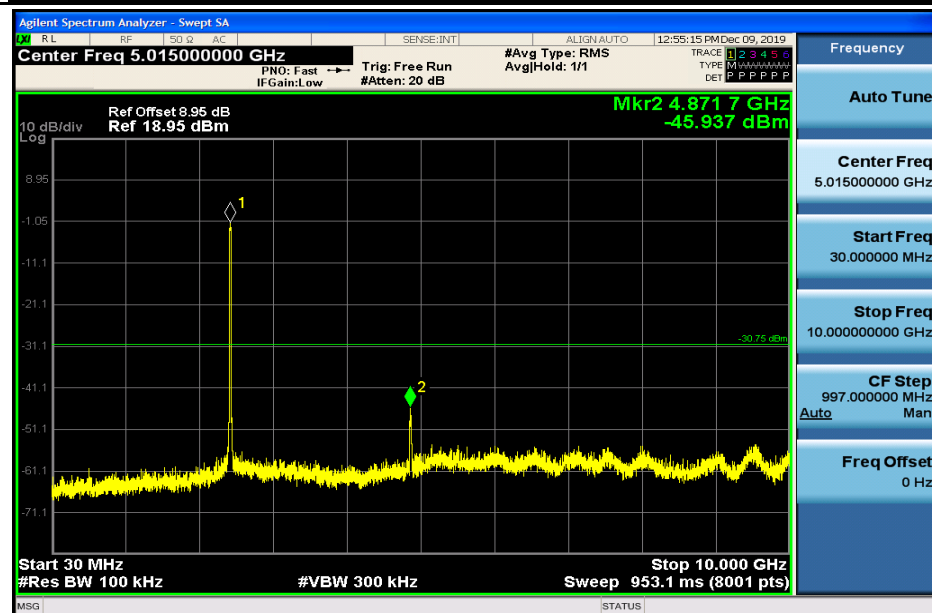
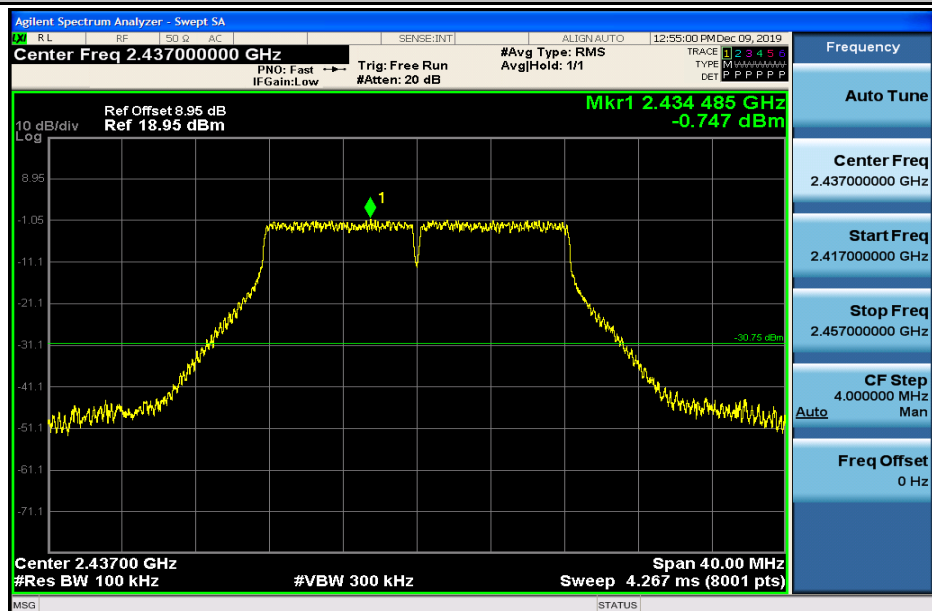
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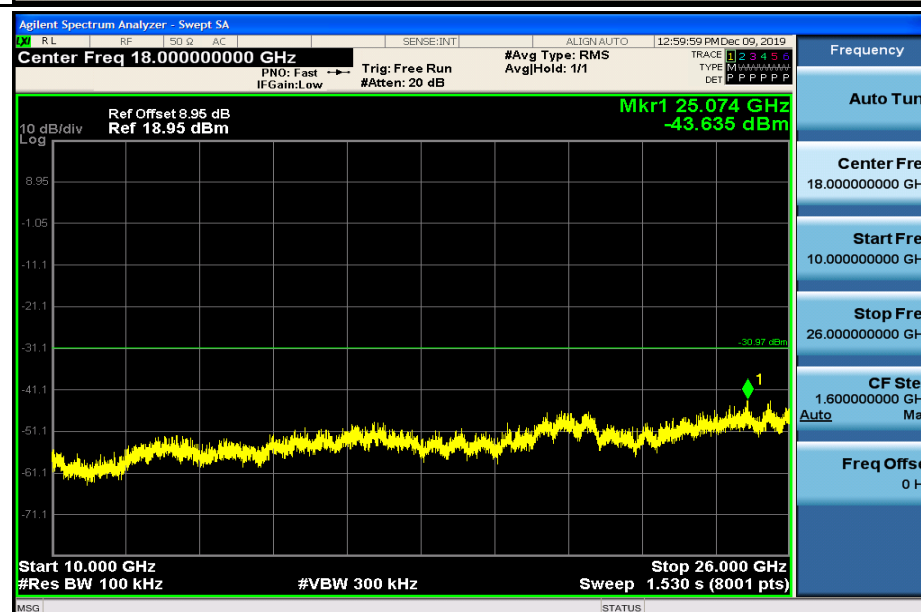
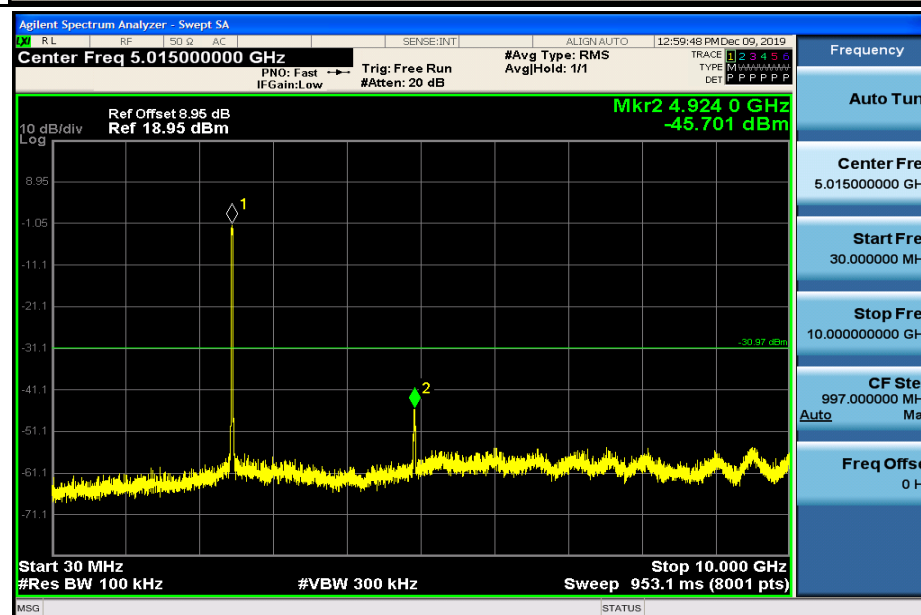
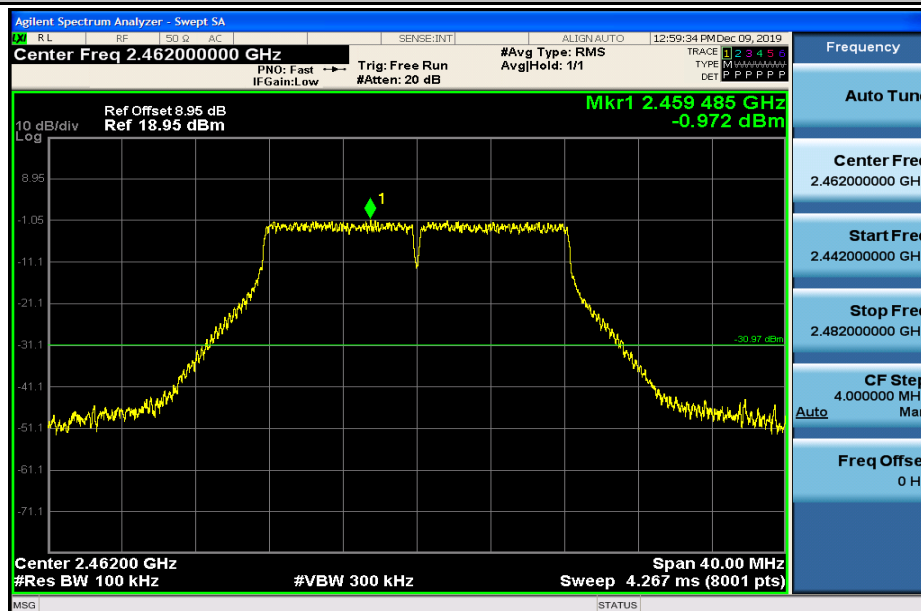
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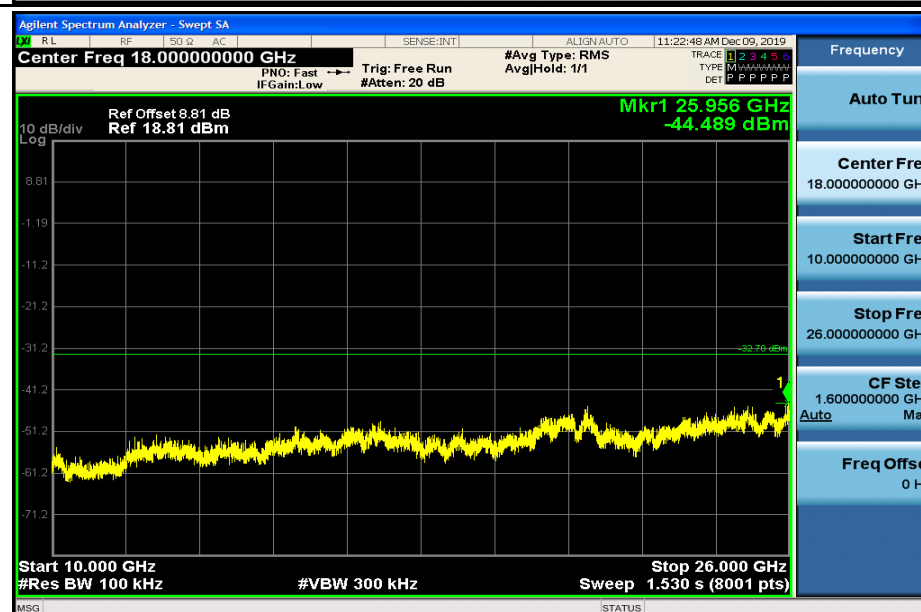
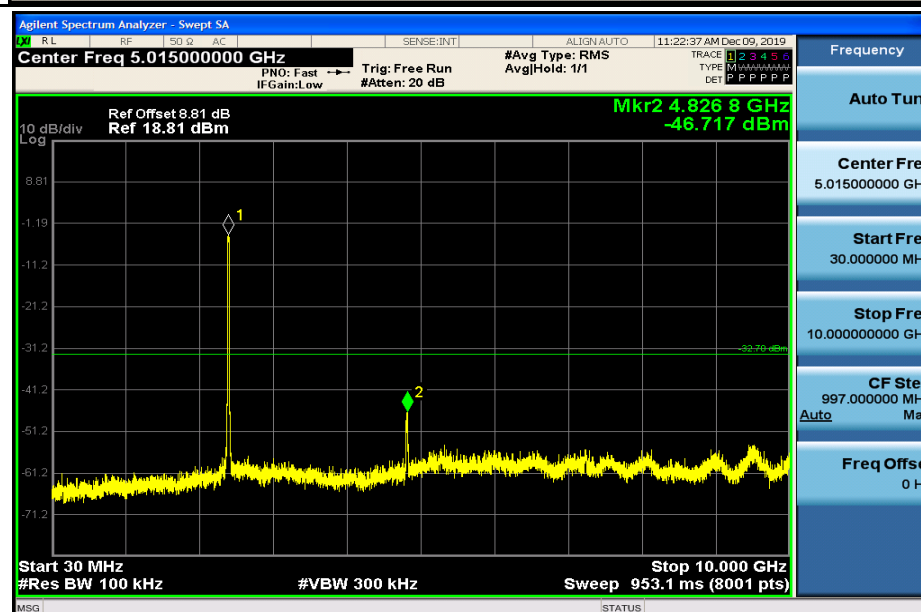
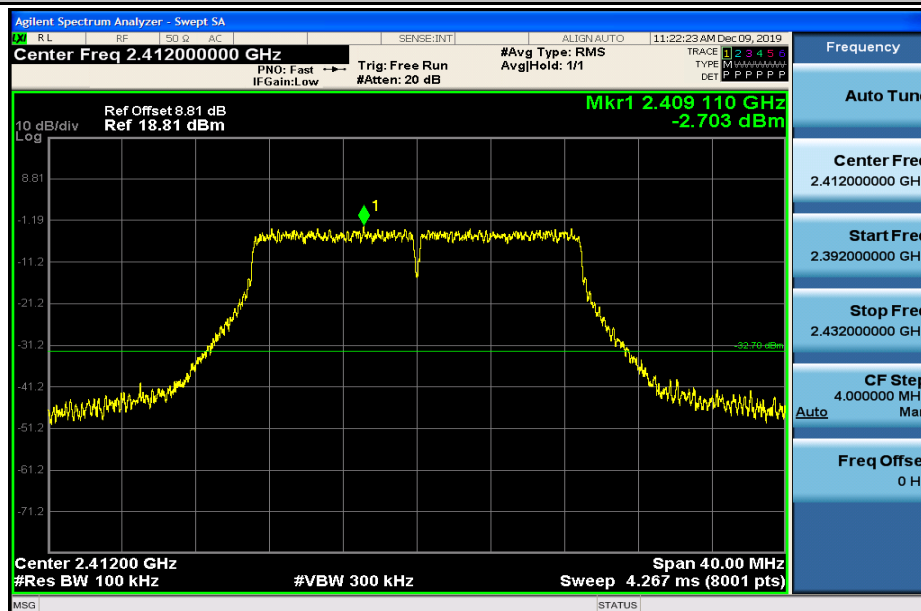
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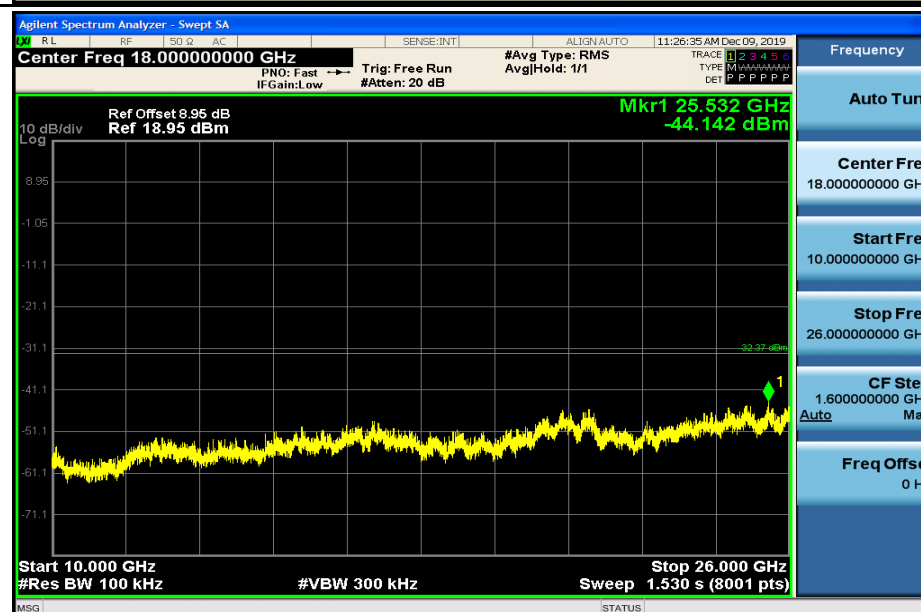
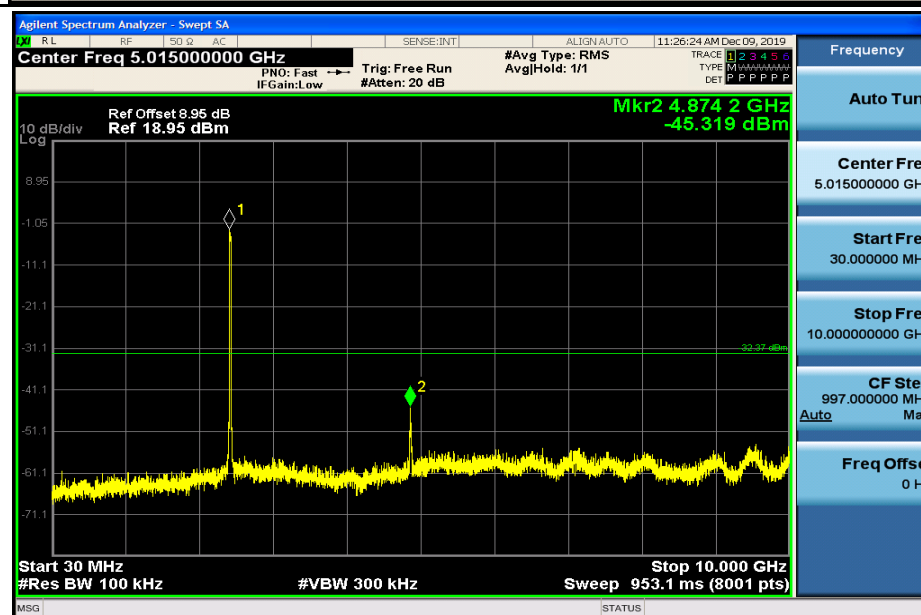
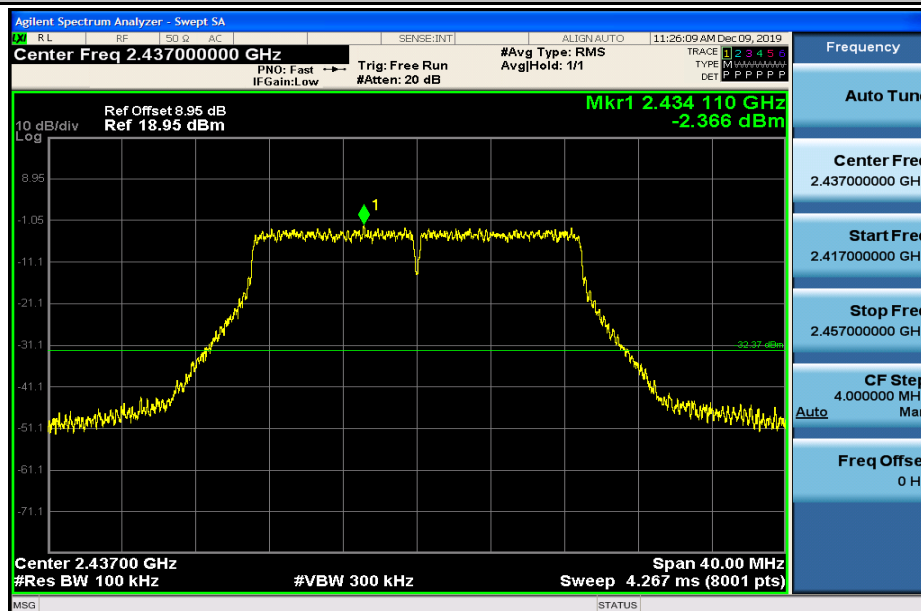
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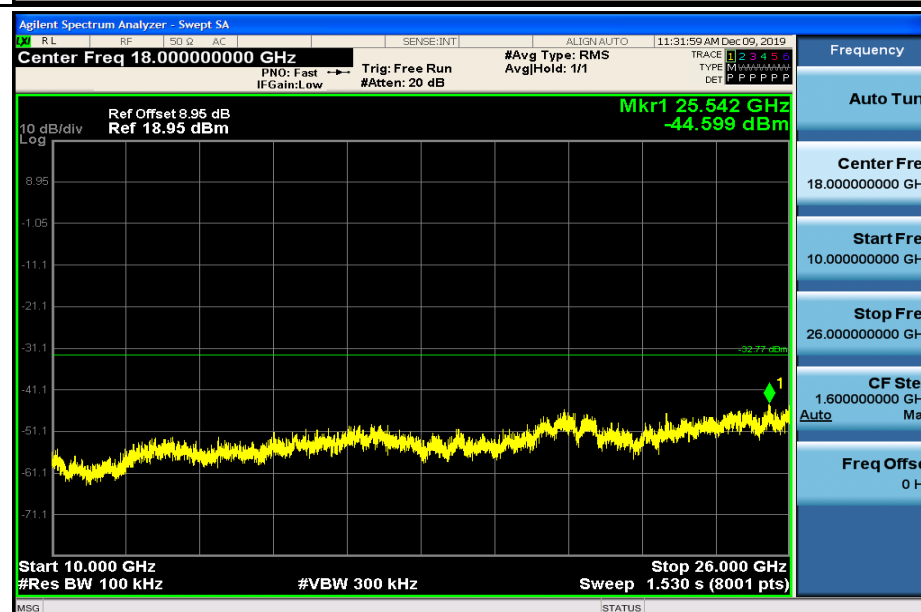
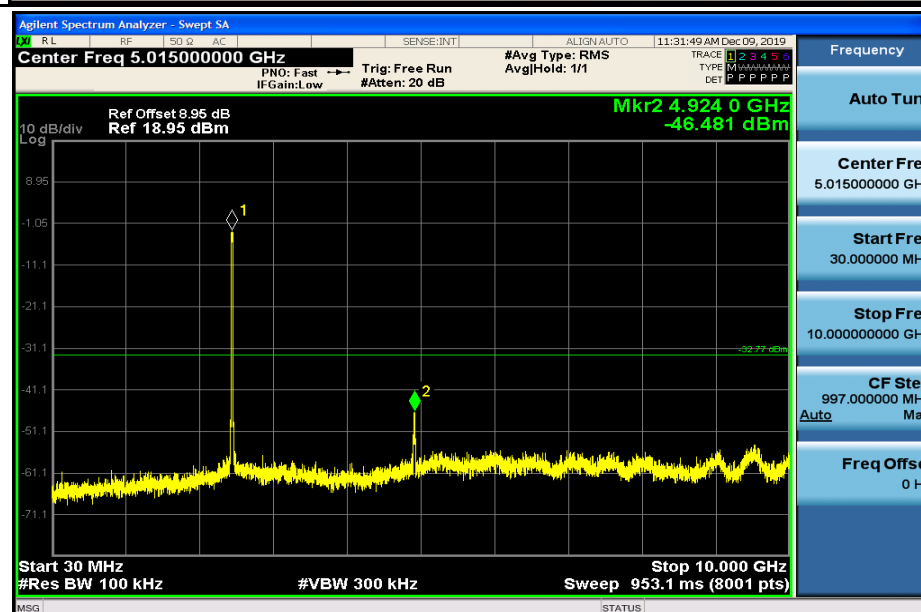
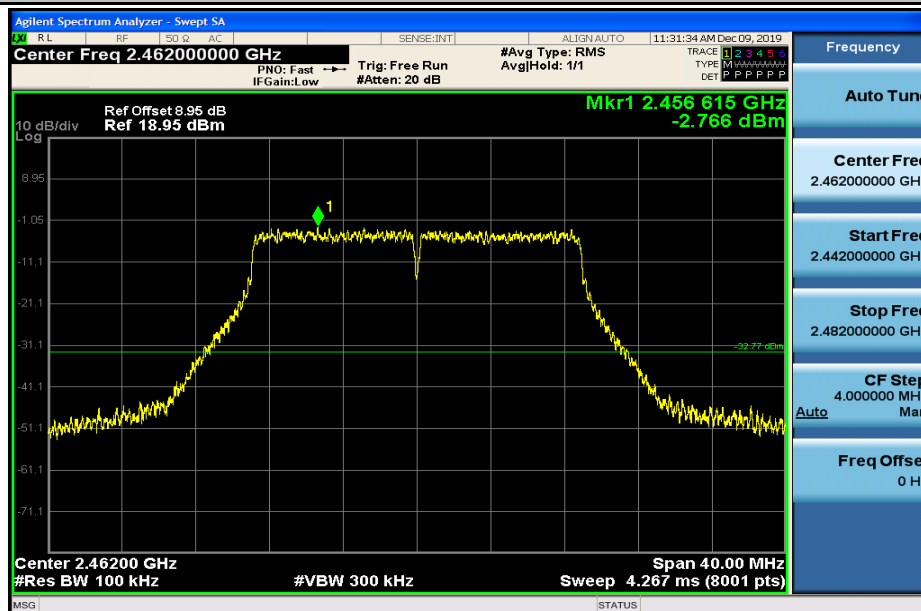
RF Conducted Spurious Emissions_11N20SISO_2412_Ant1



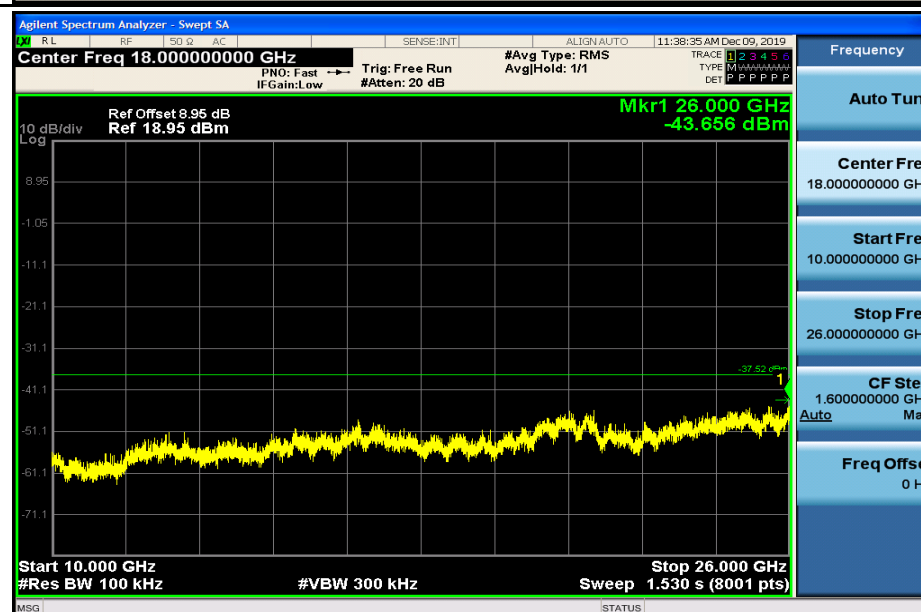
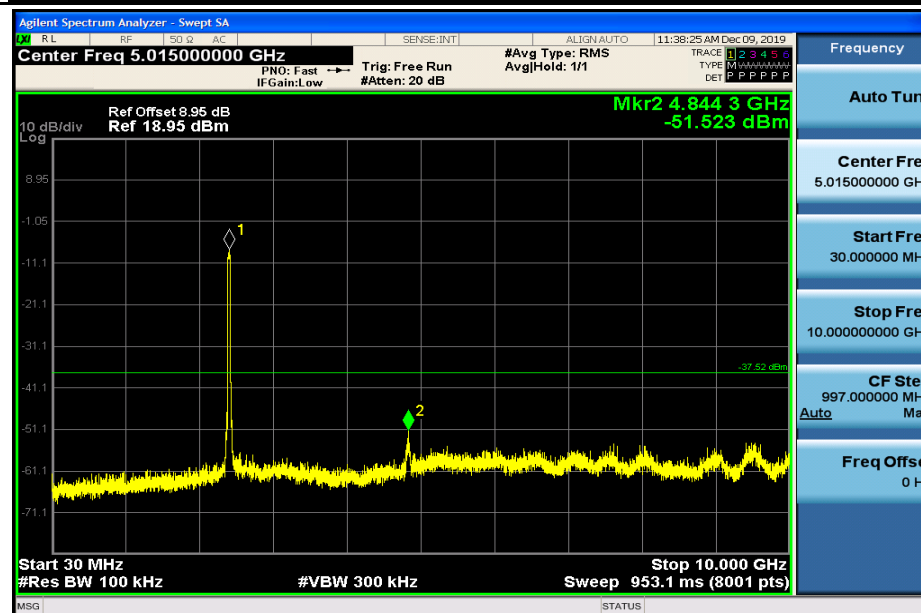
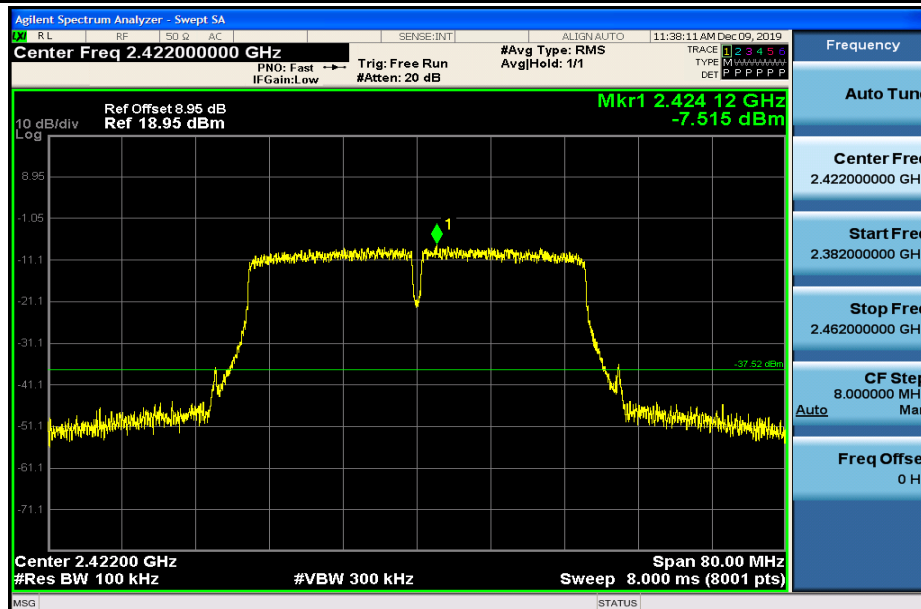
RF Conducted Spurious Emissions_11N20SISO_2437_Ant1



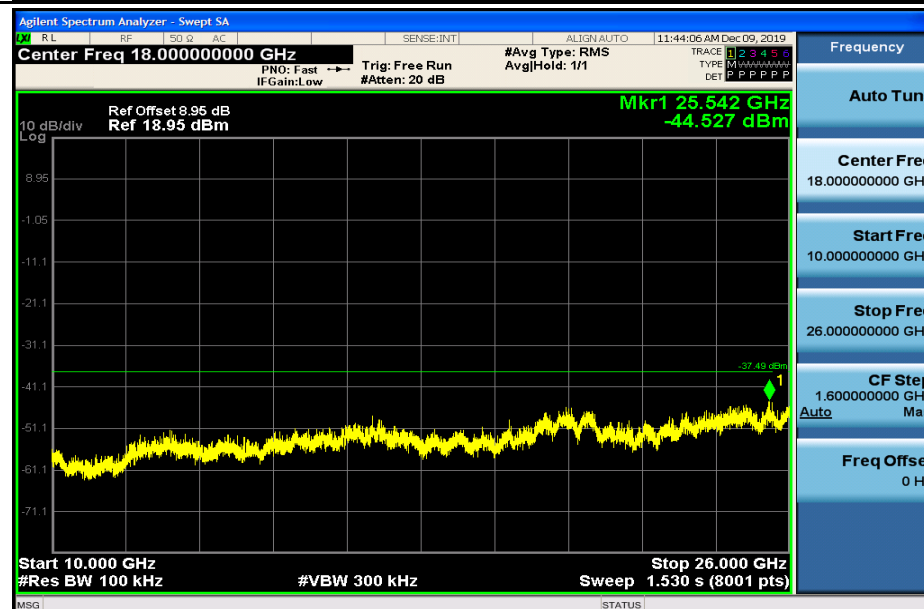
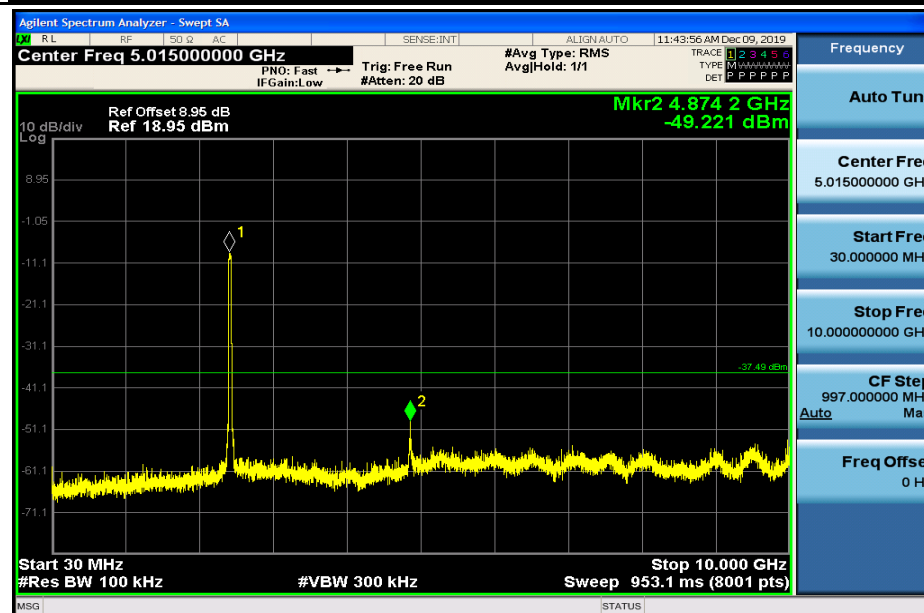
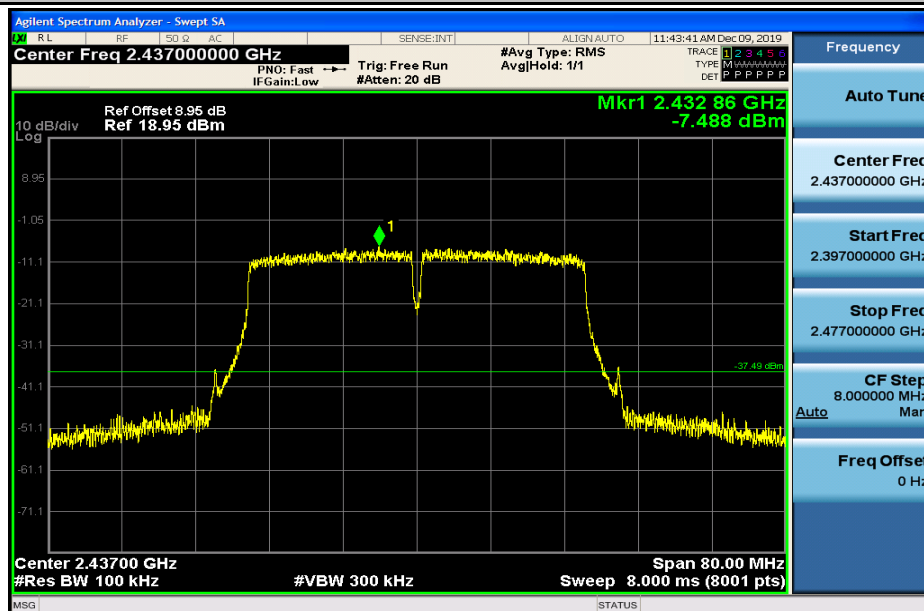
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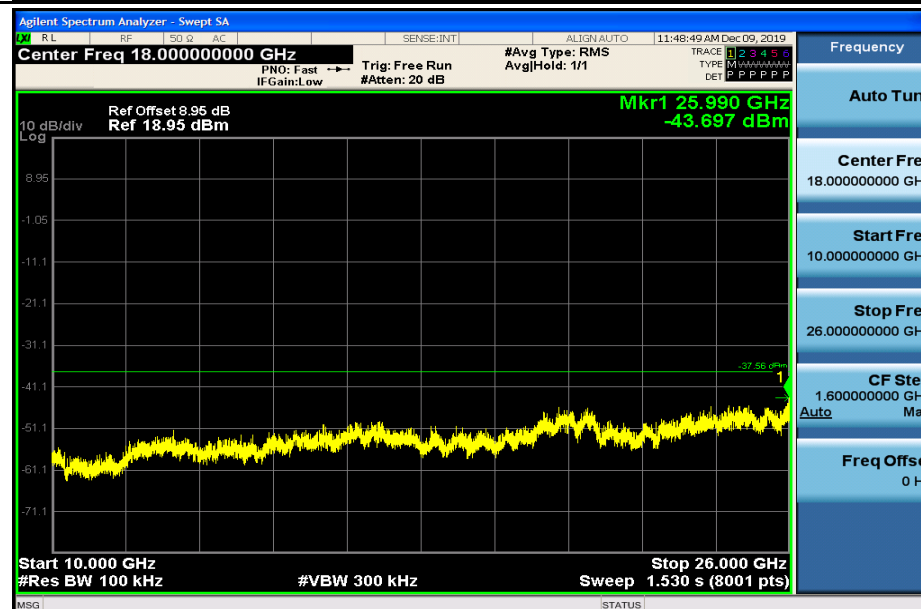
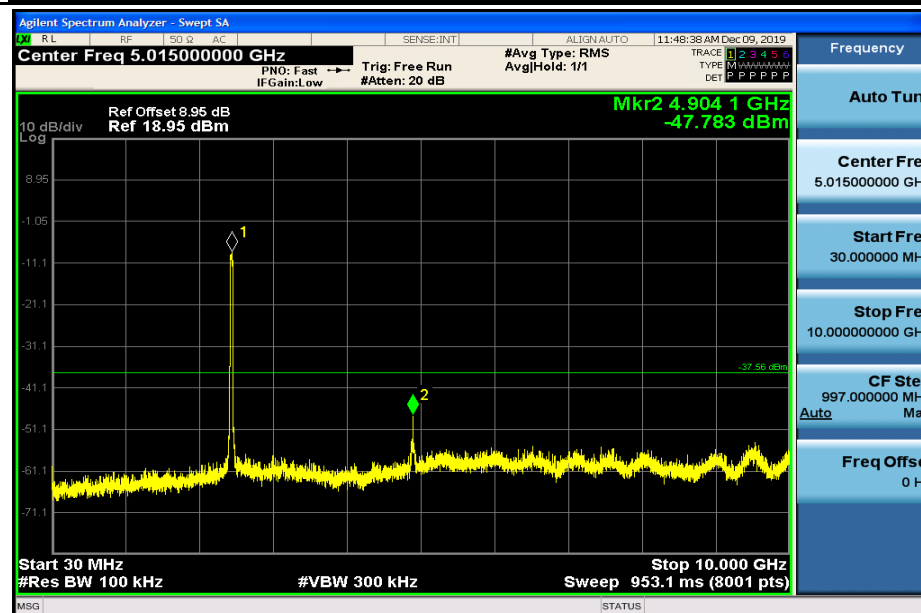
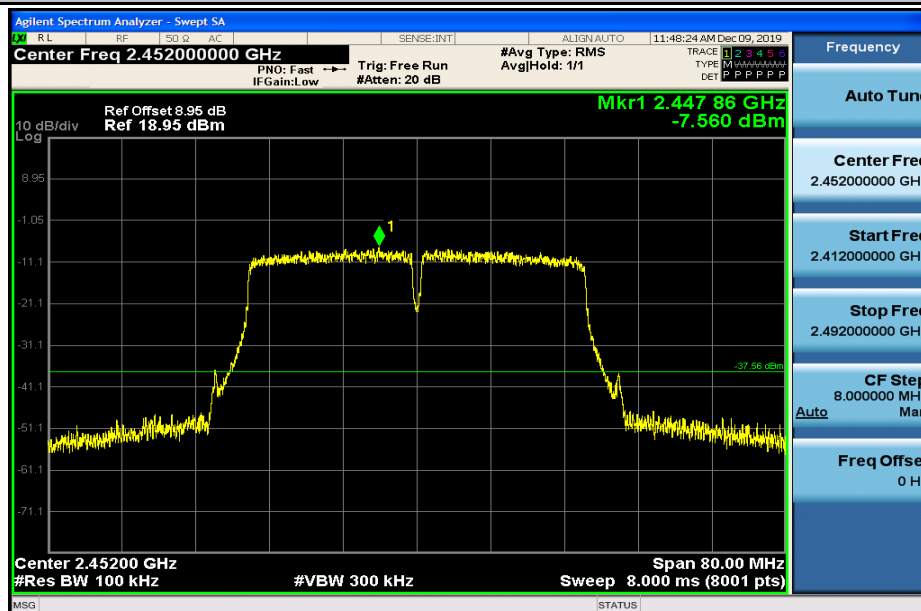
RF Conducted Spurious Emissions_11N40SISO_2422_Ant1



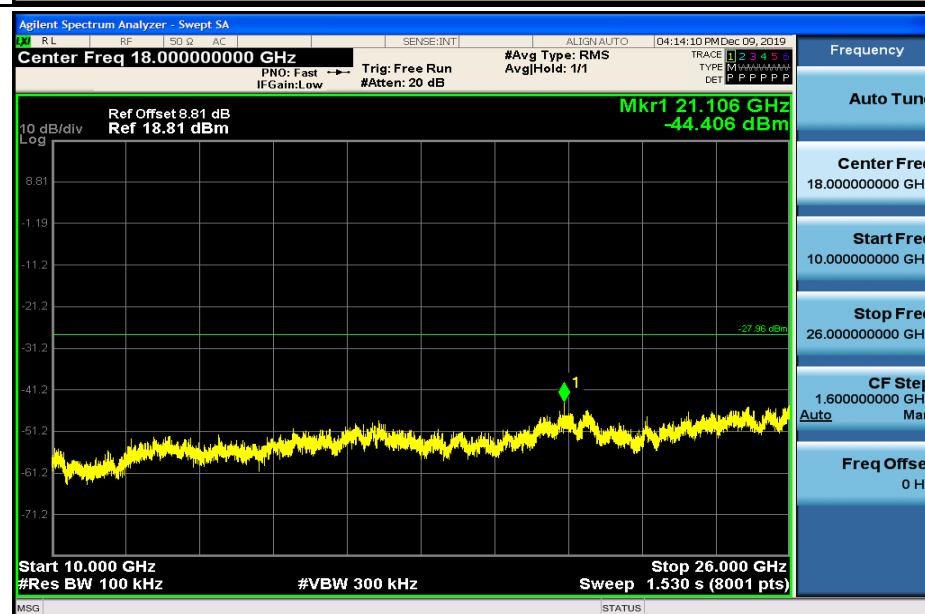
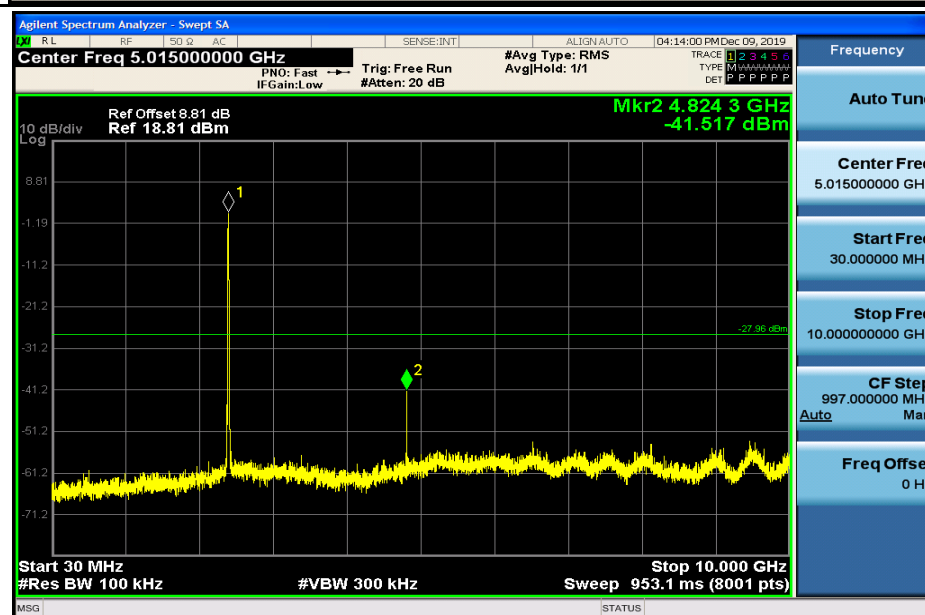
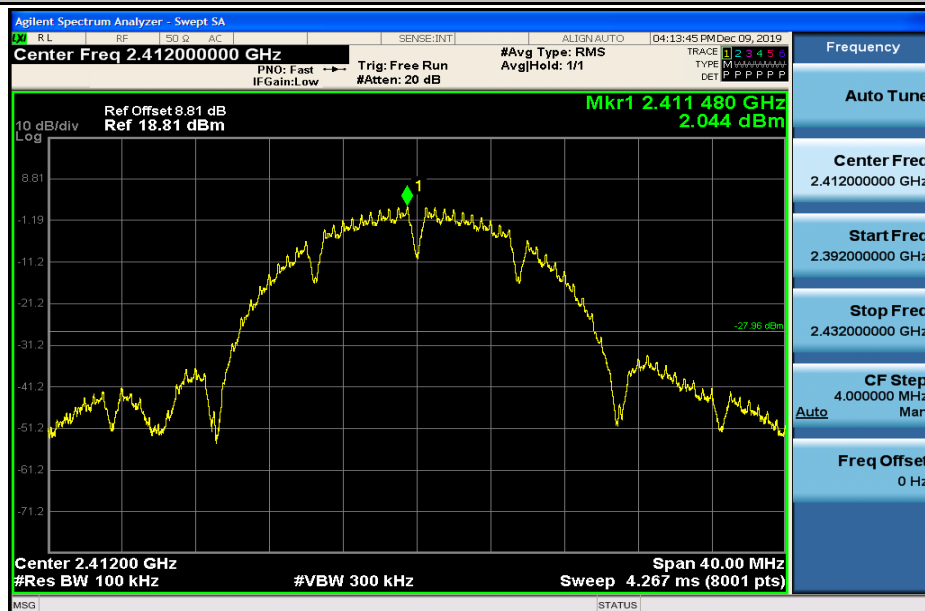
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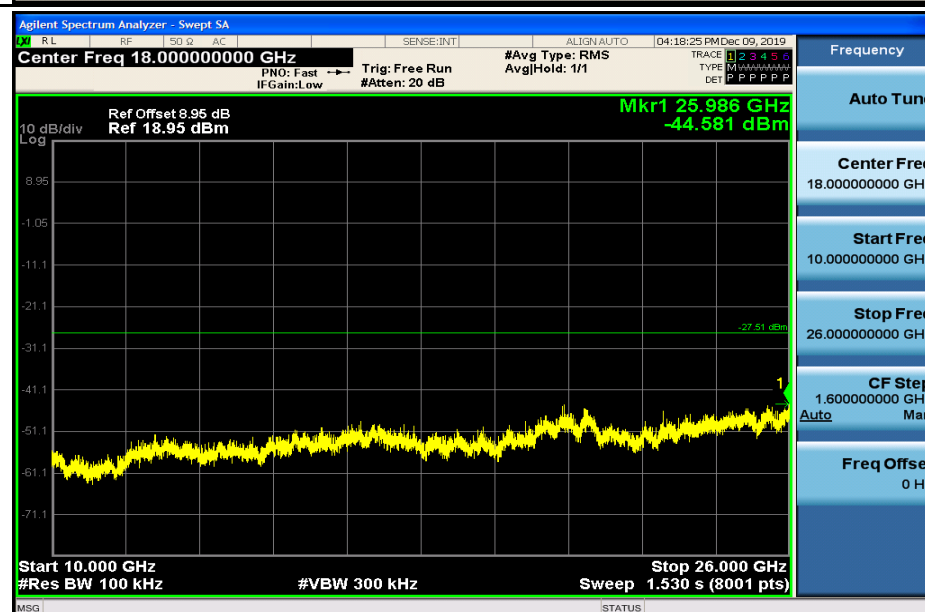
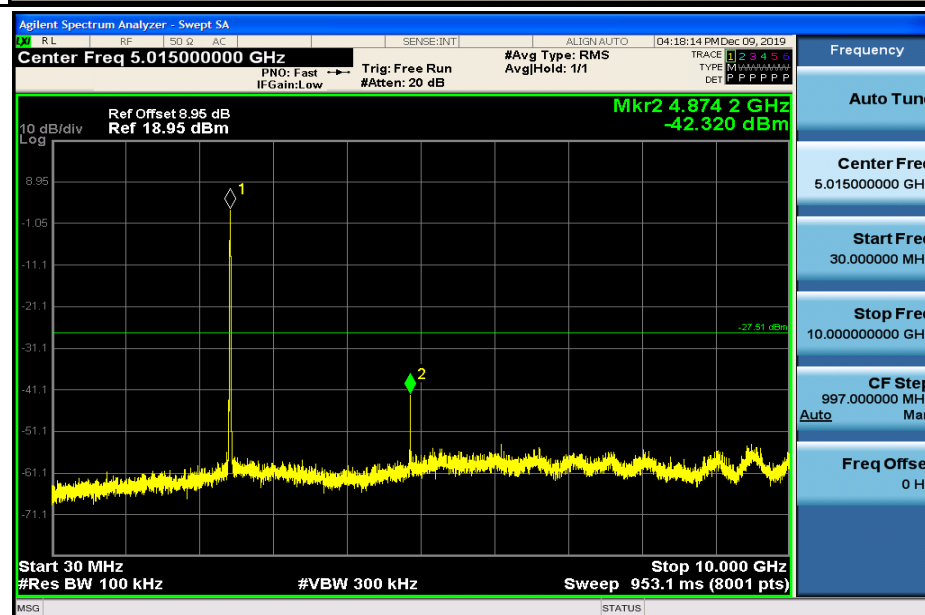
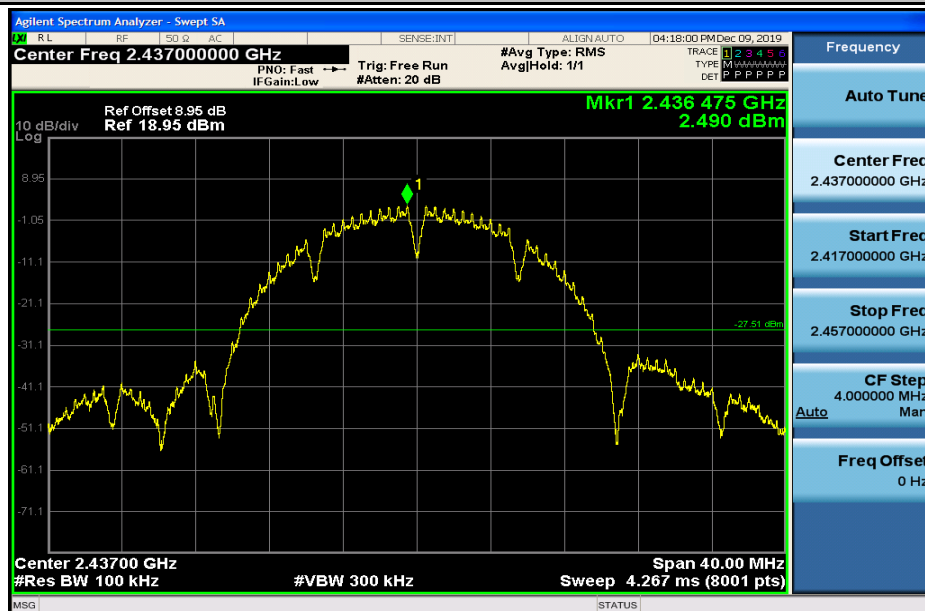
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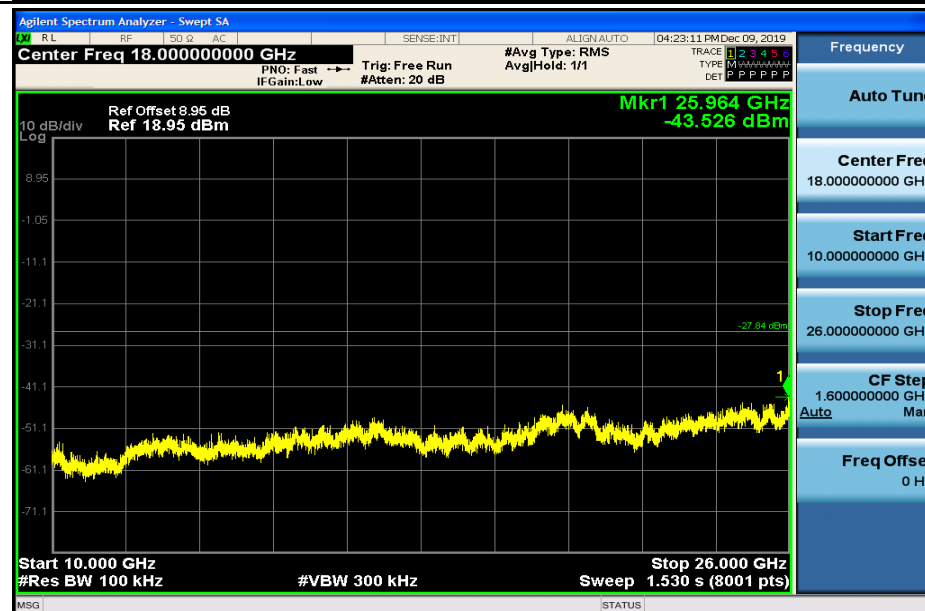
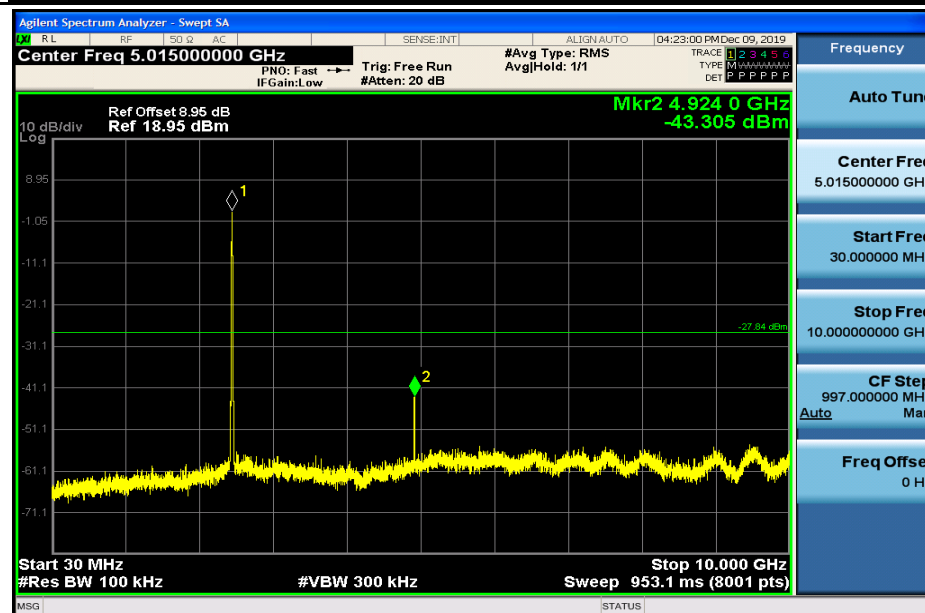
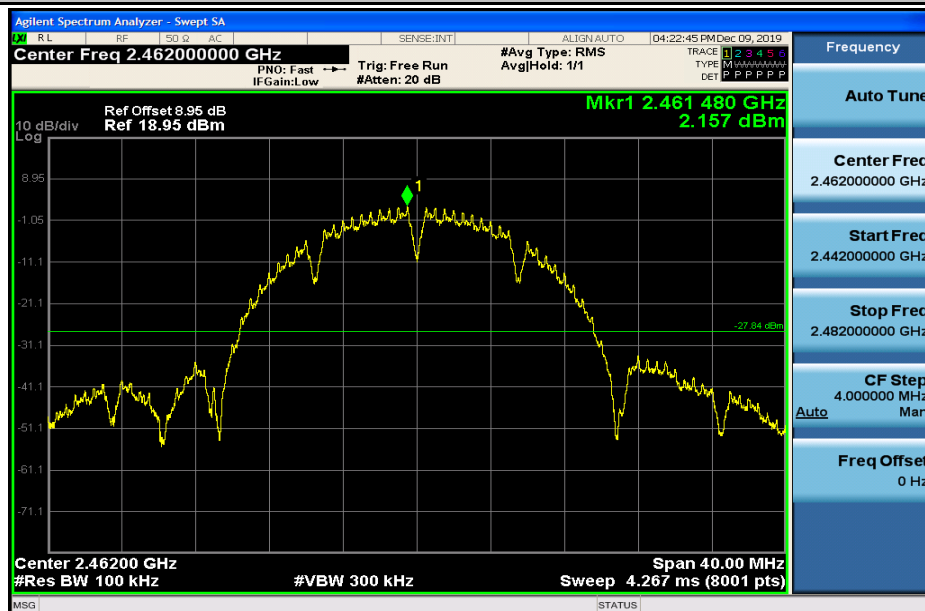
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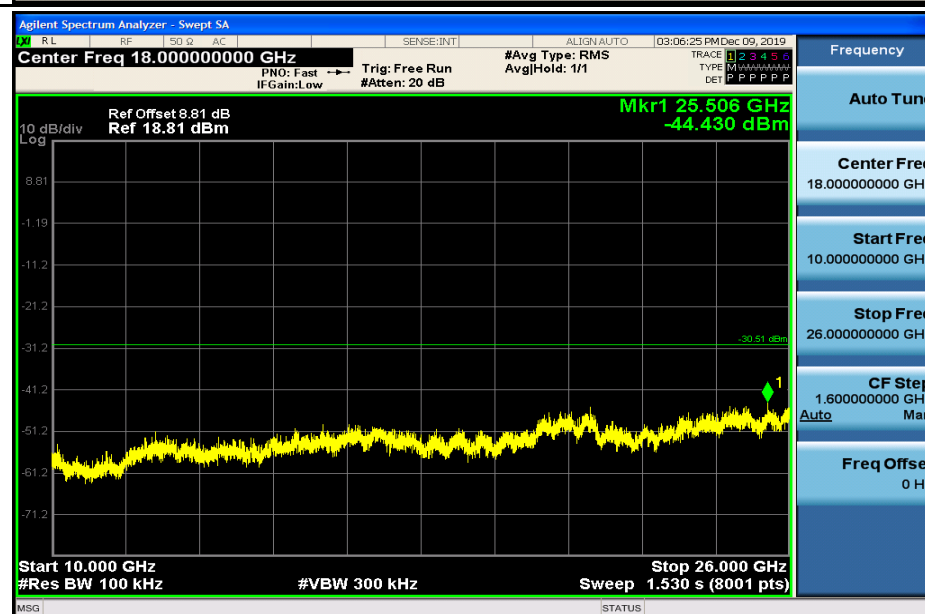
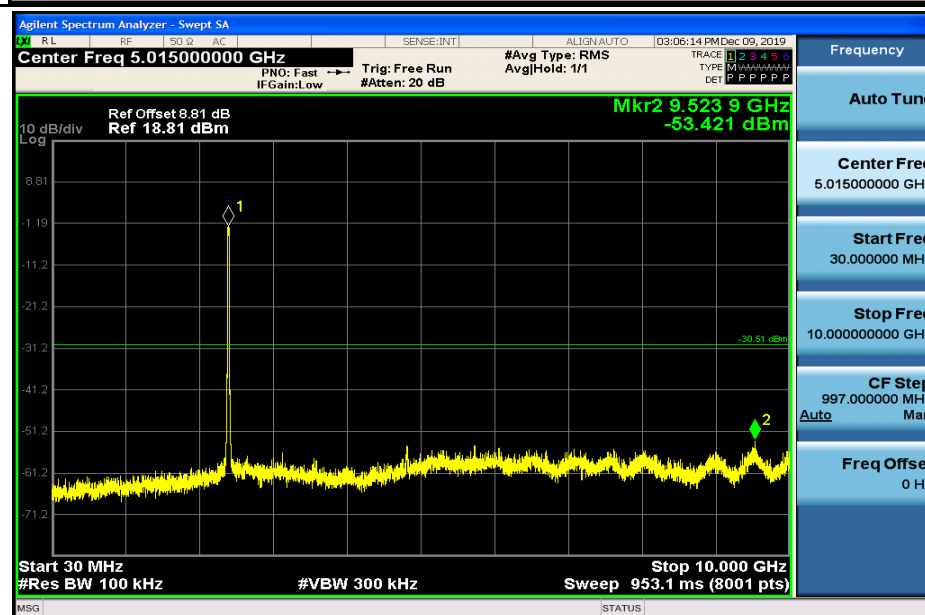
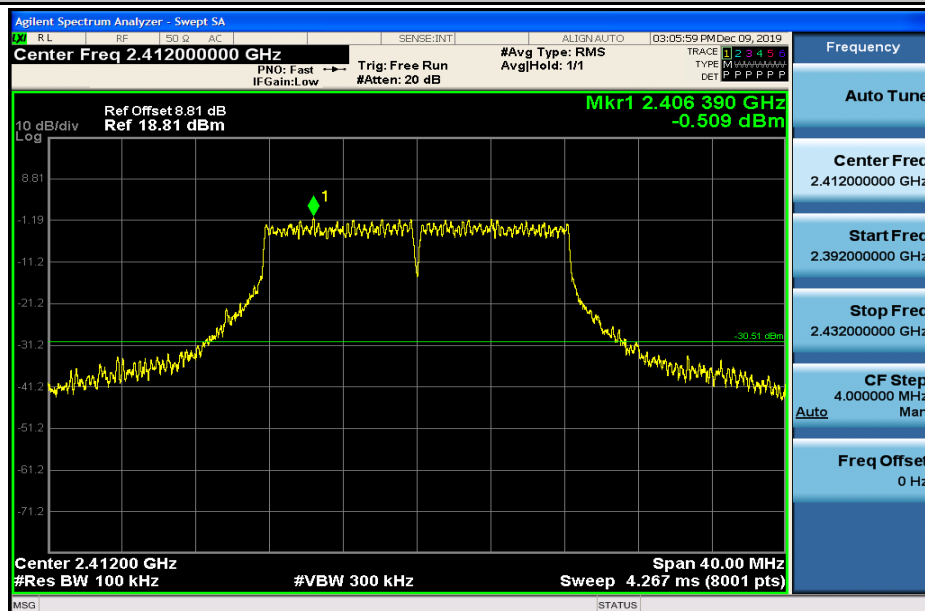
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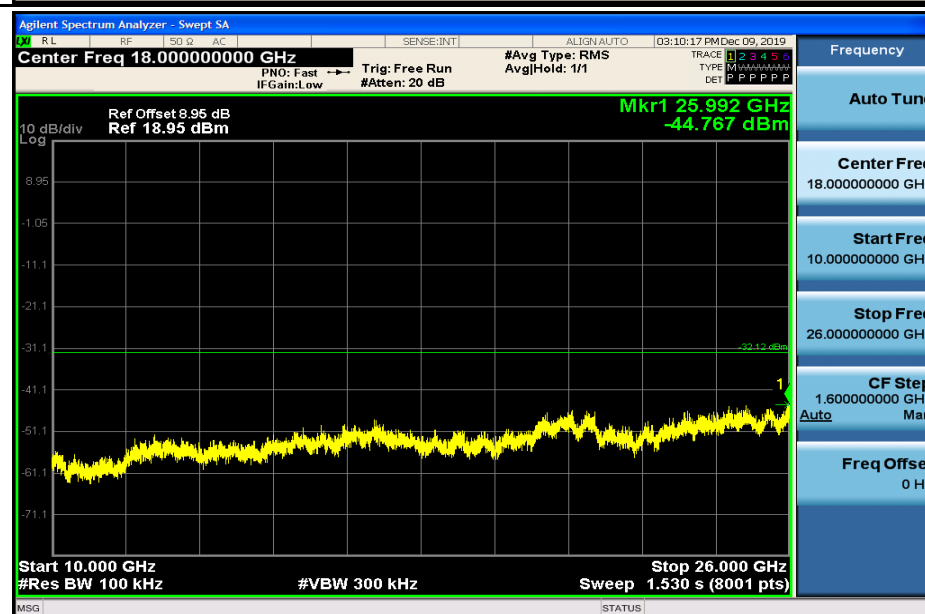
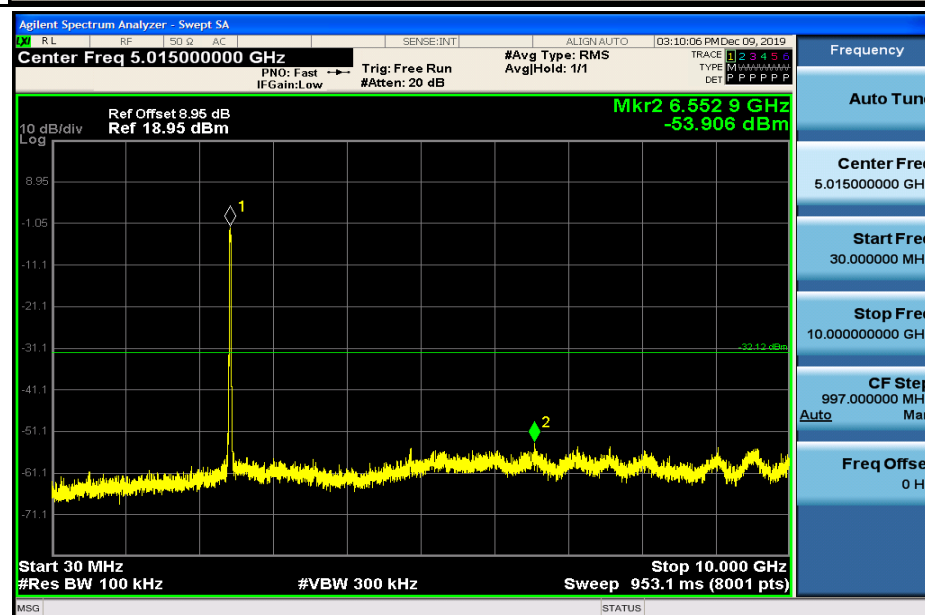
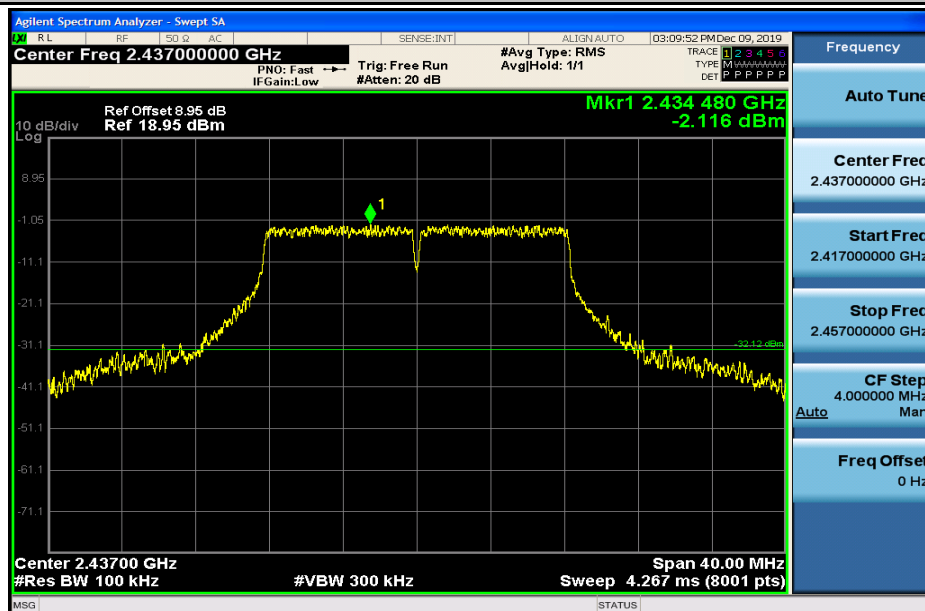
RF Conducted Spurious Emissions_11B_2462_Ant2



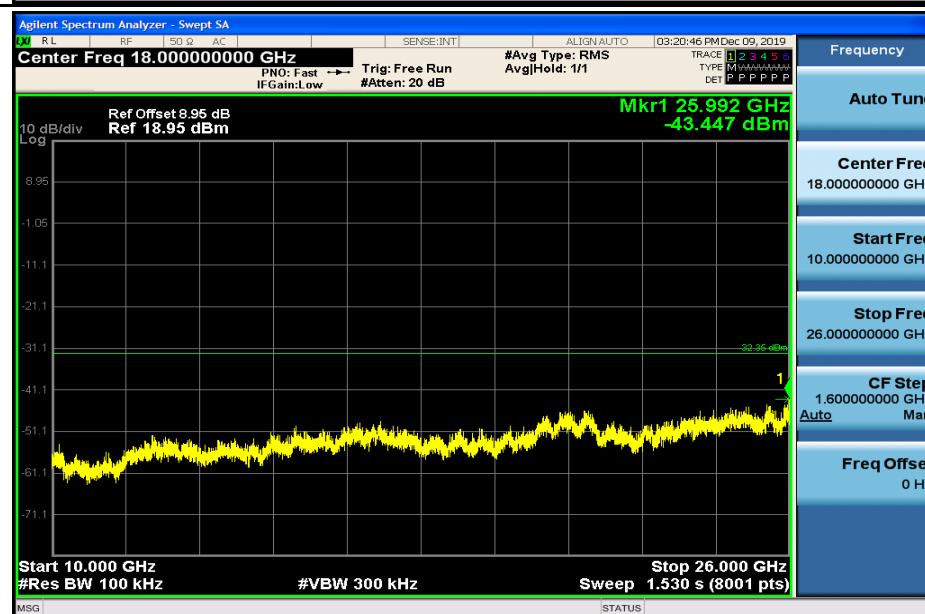
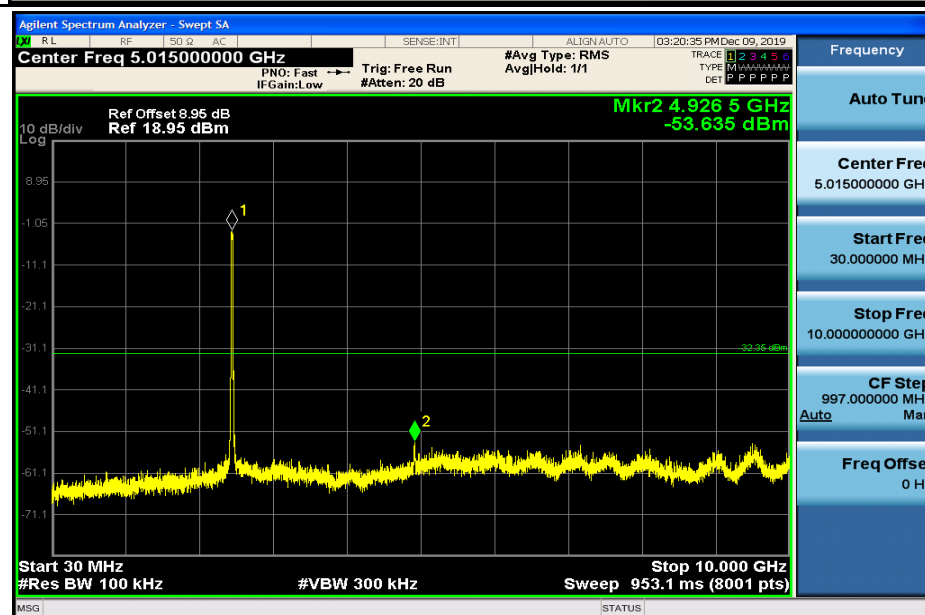
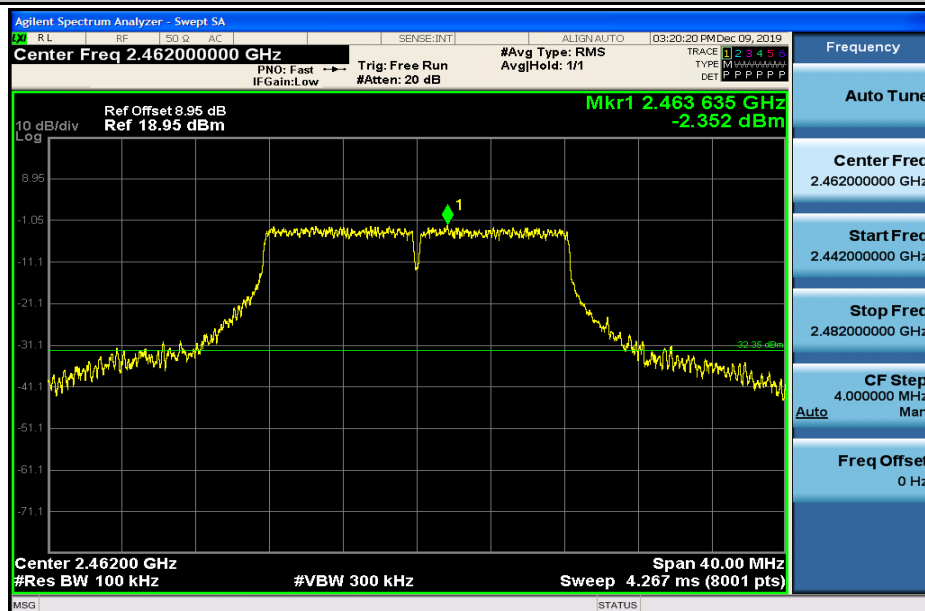
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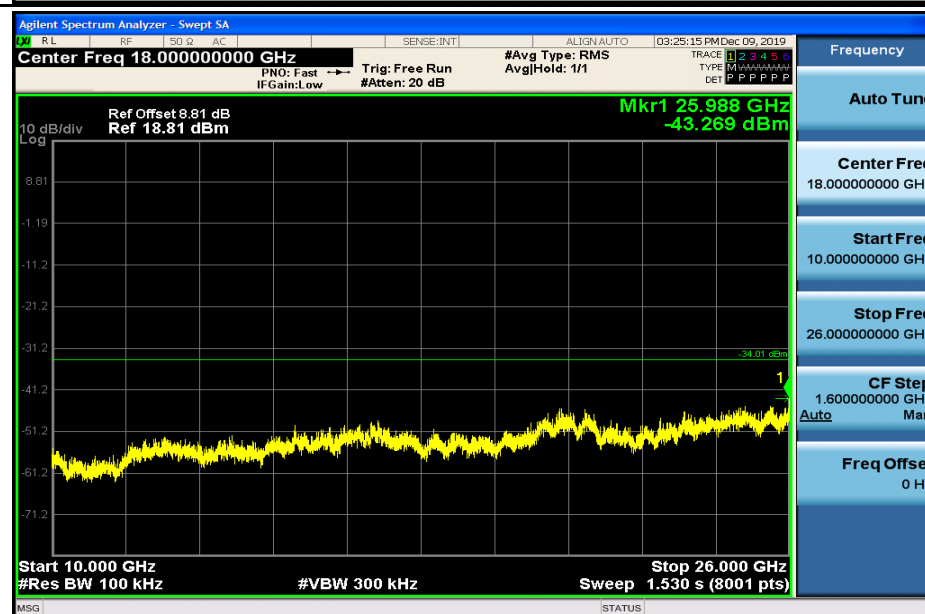
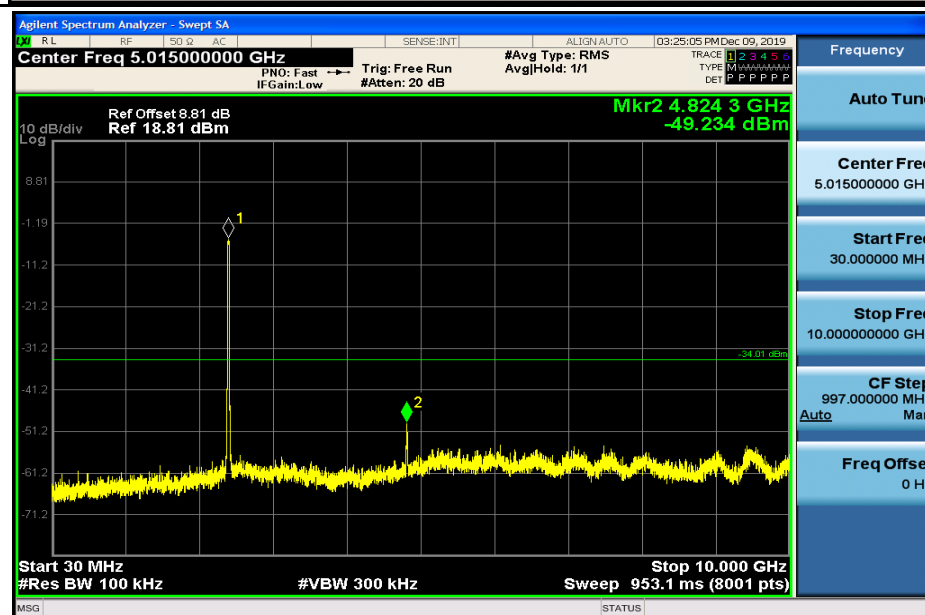
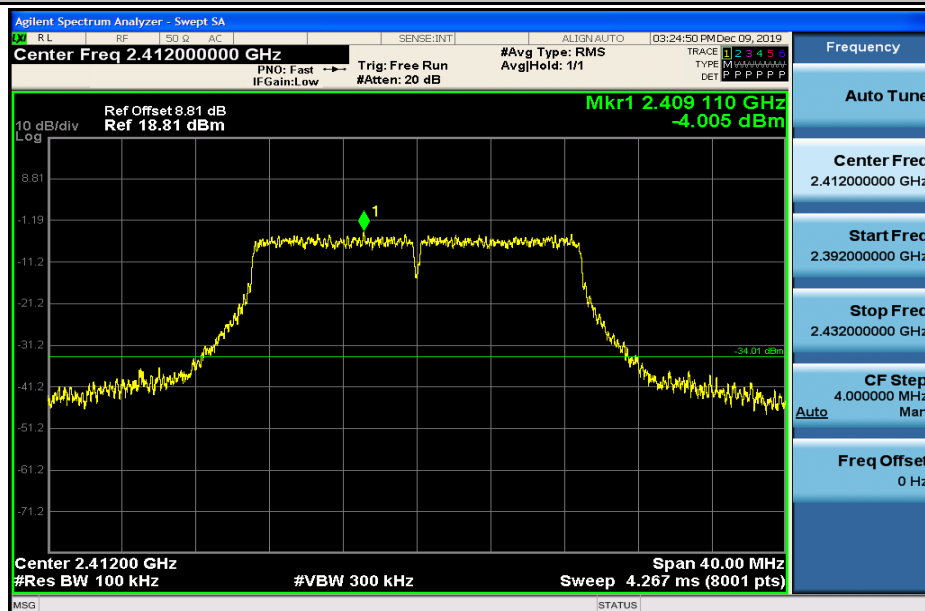
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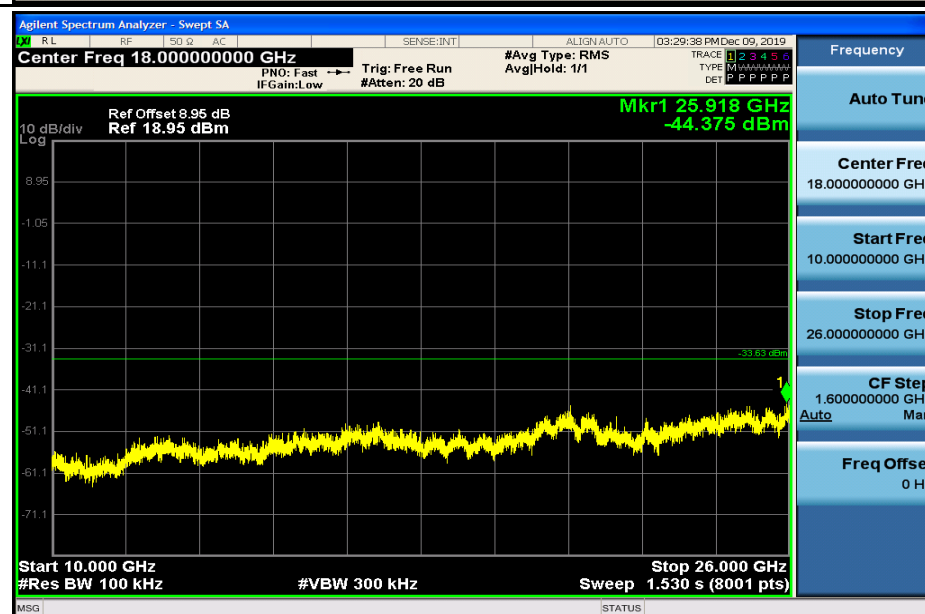
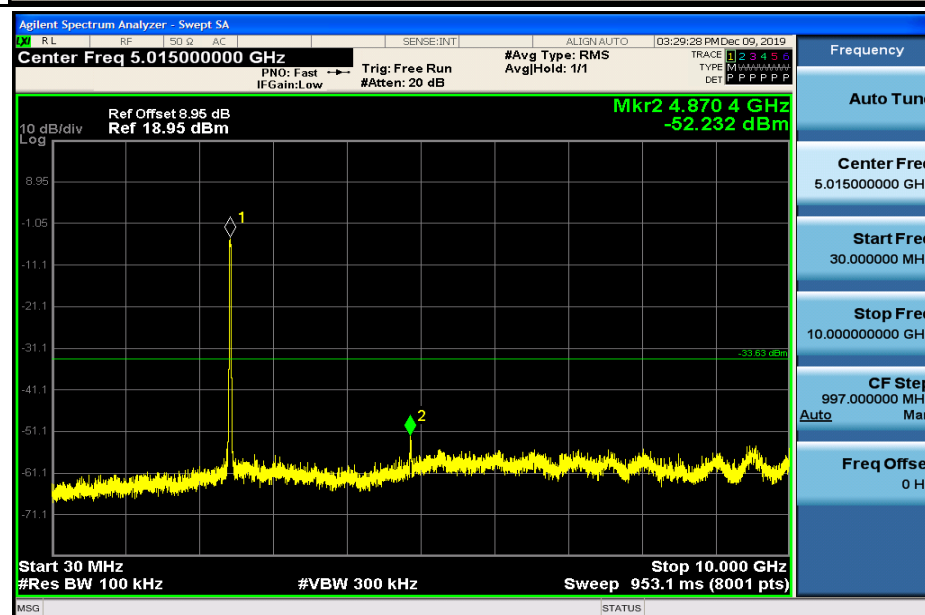
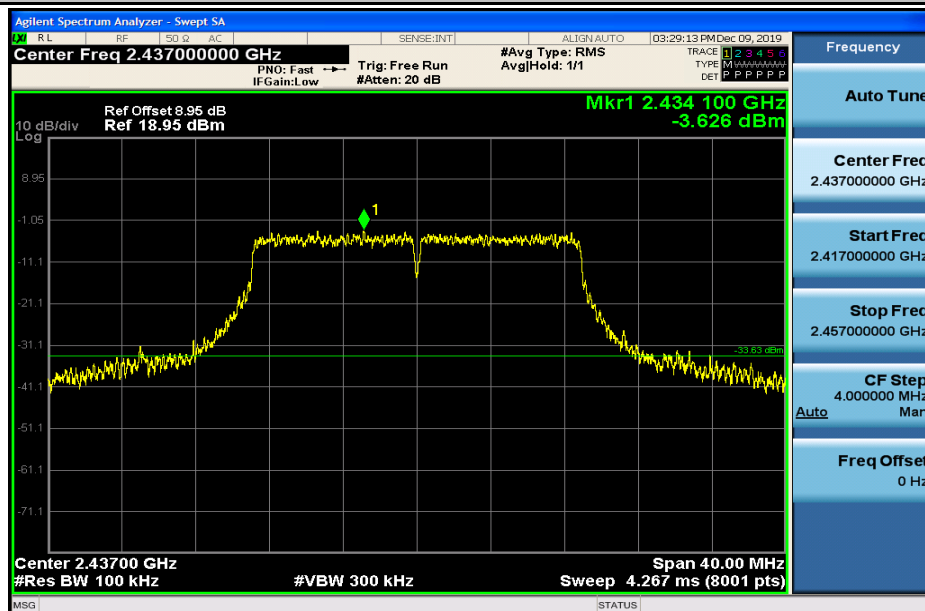
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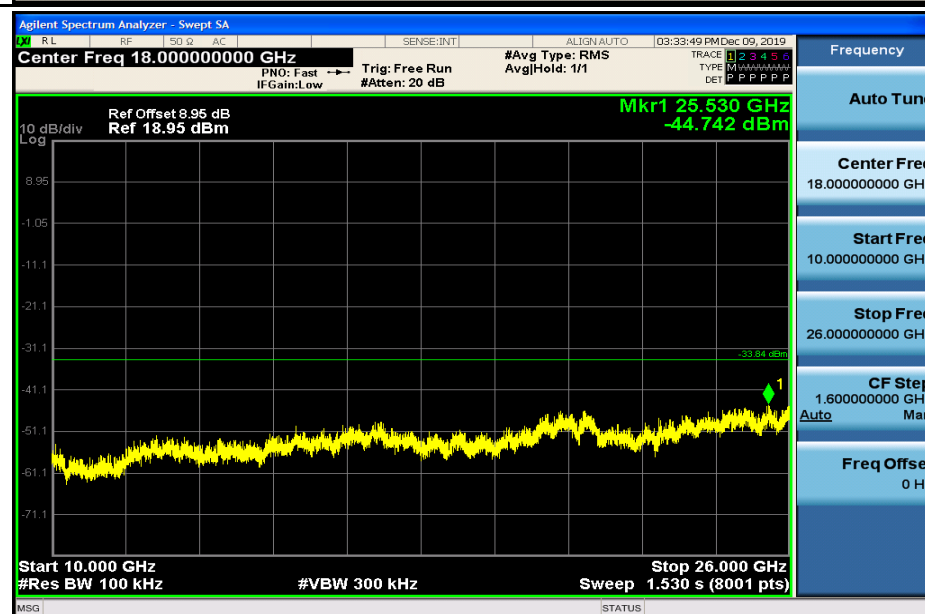
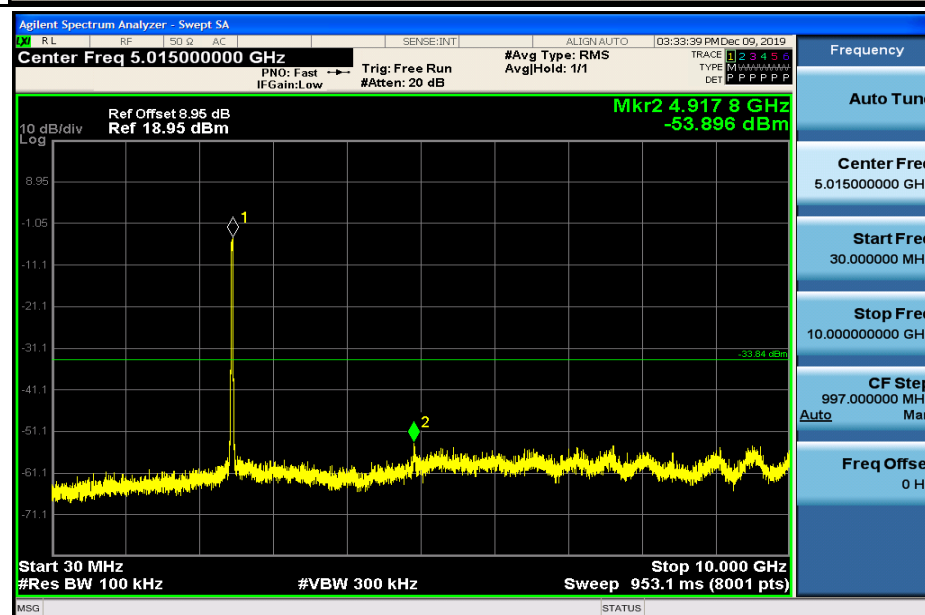
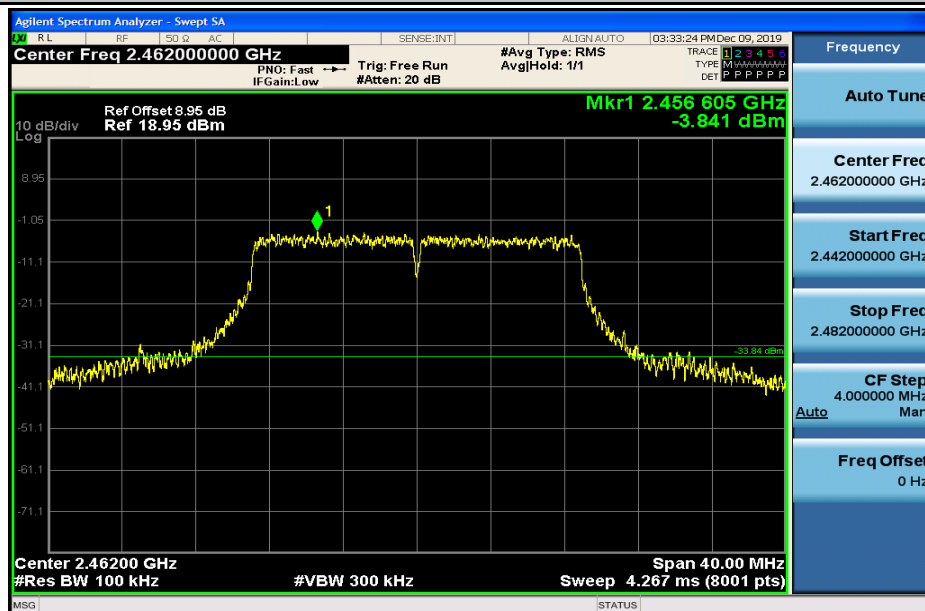
RF Conducted Spurious Emissions_11N20SISO_2412_Ant2



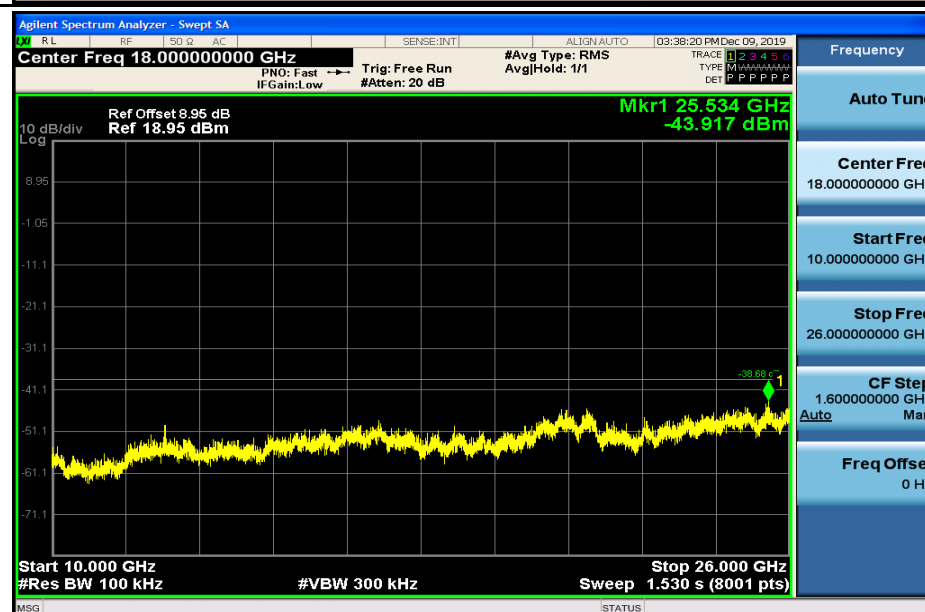
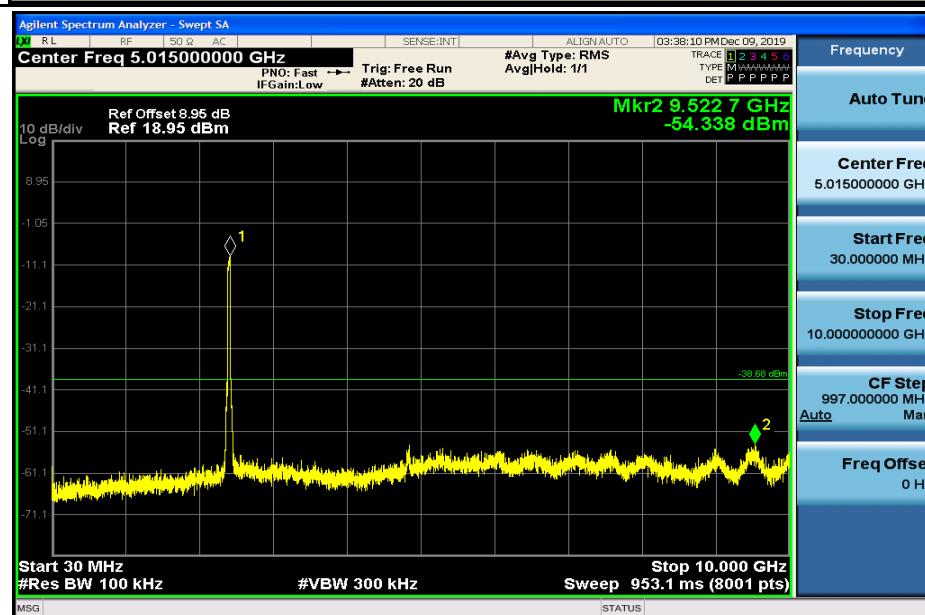
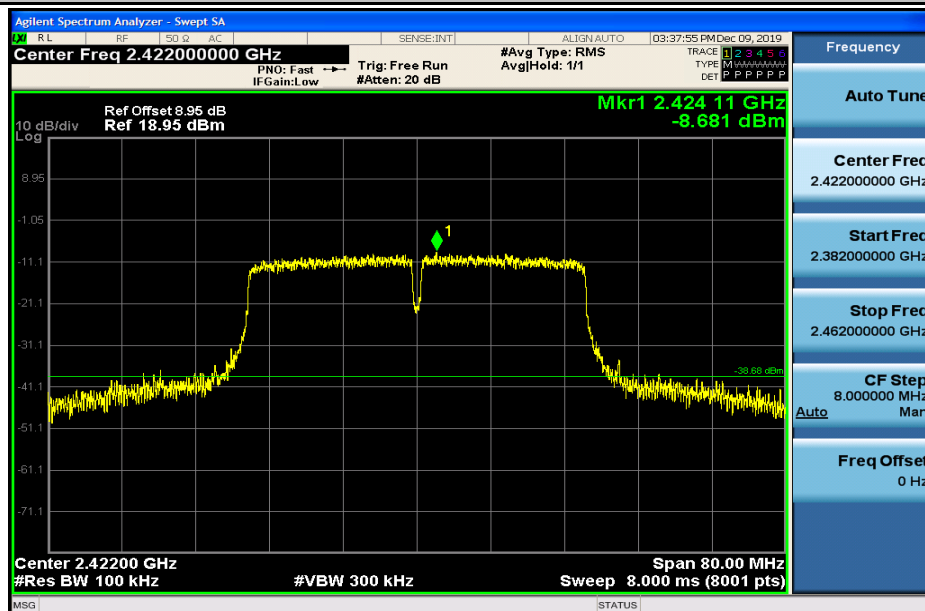
RF Conducted Spurious Emissions_11N20SISO_2437_Ant2



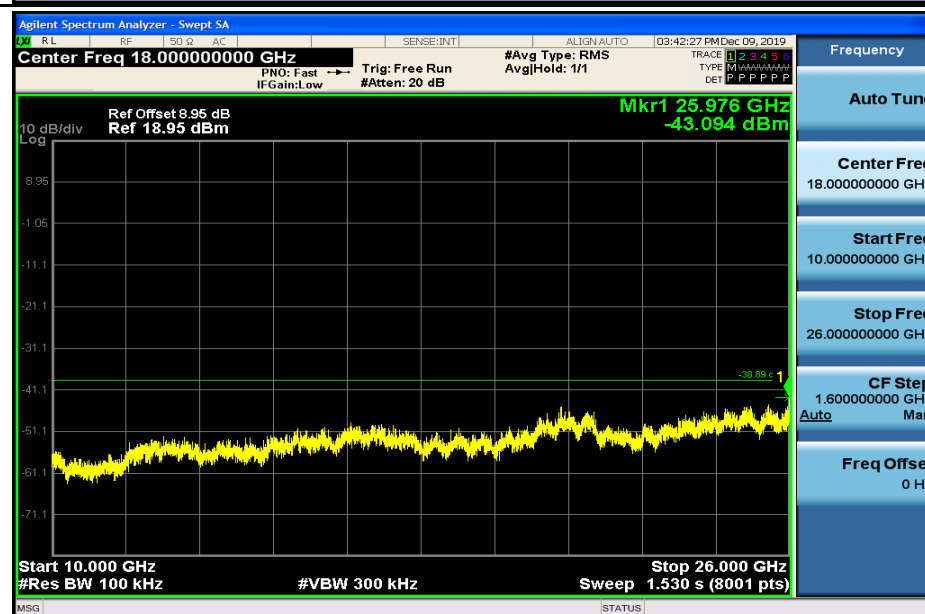
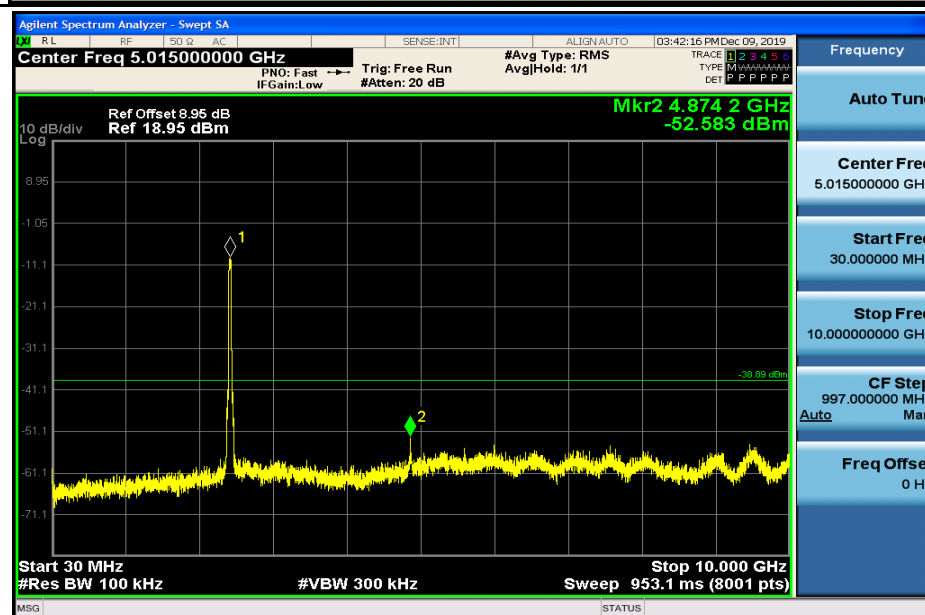
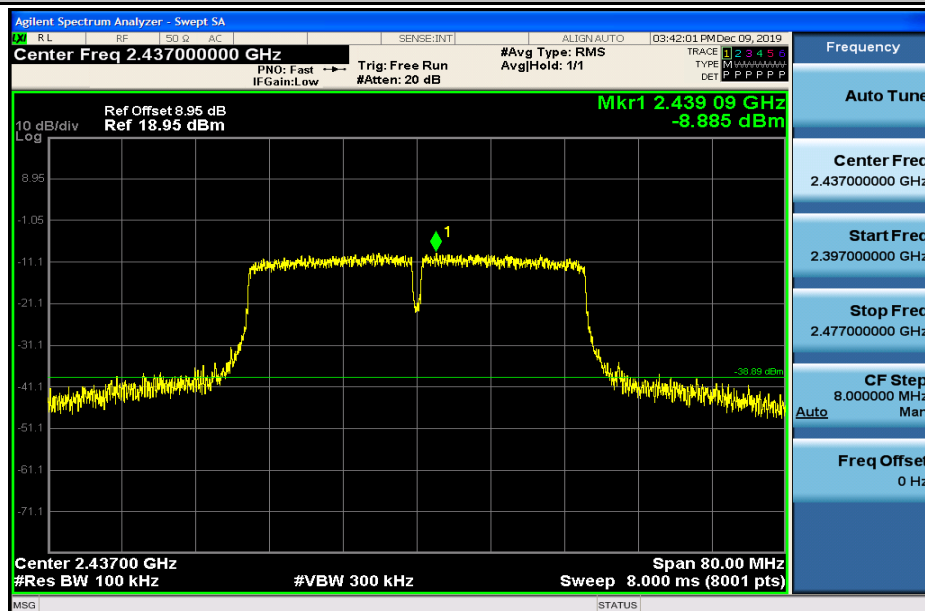
RF Conducted Spurious Emissions_11N20SISO_2462_Ant2



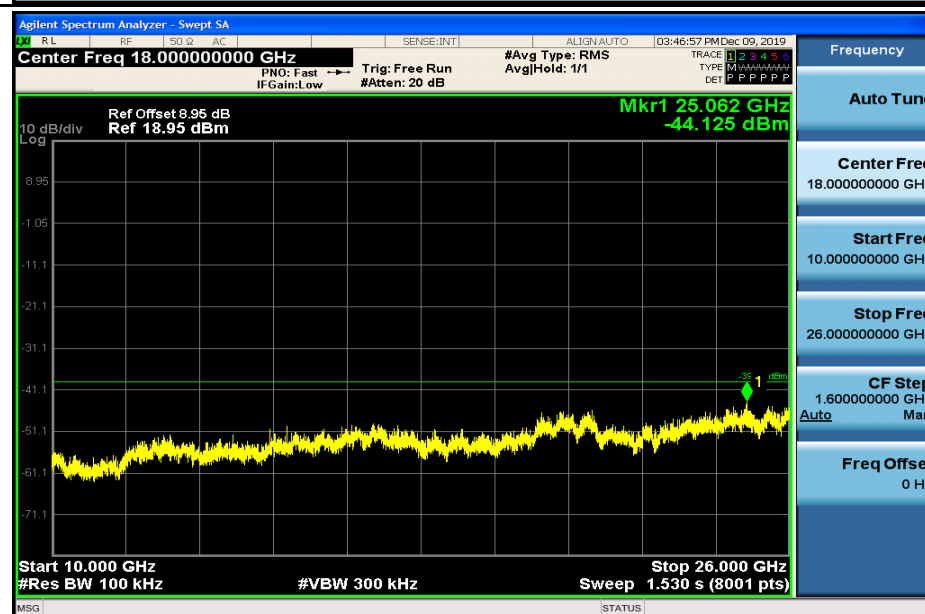
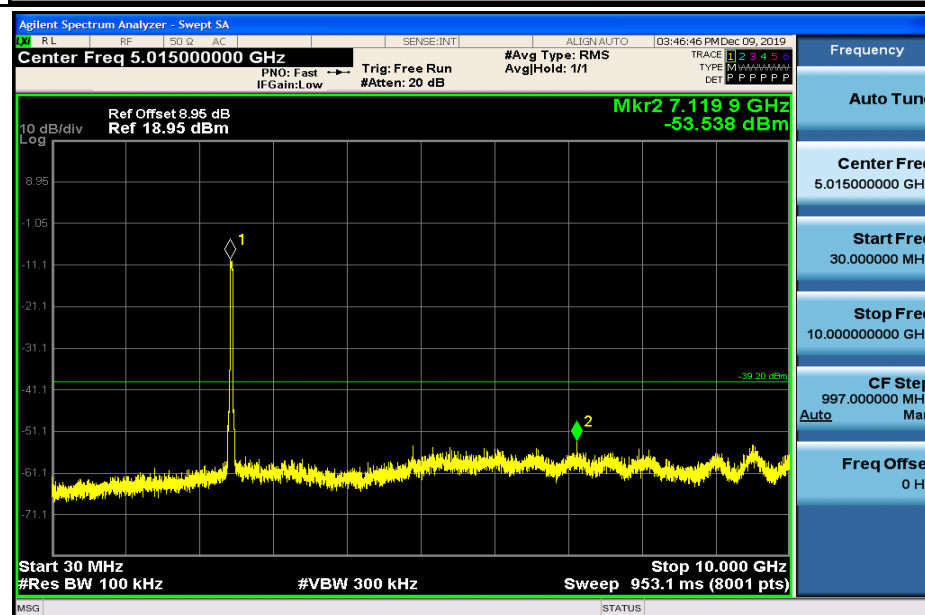
RF Conducted Spurious Emissions_11N40SISO_2422_Ant2



RF Conducted Spurious Emissions_11N40SISO_2437_Ant2



RF Conducted Spurious Emissions_11N40SISO_2452_Ant2

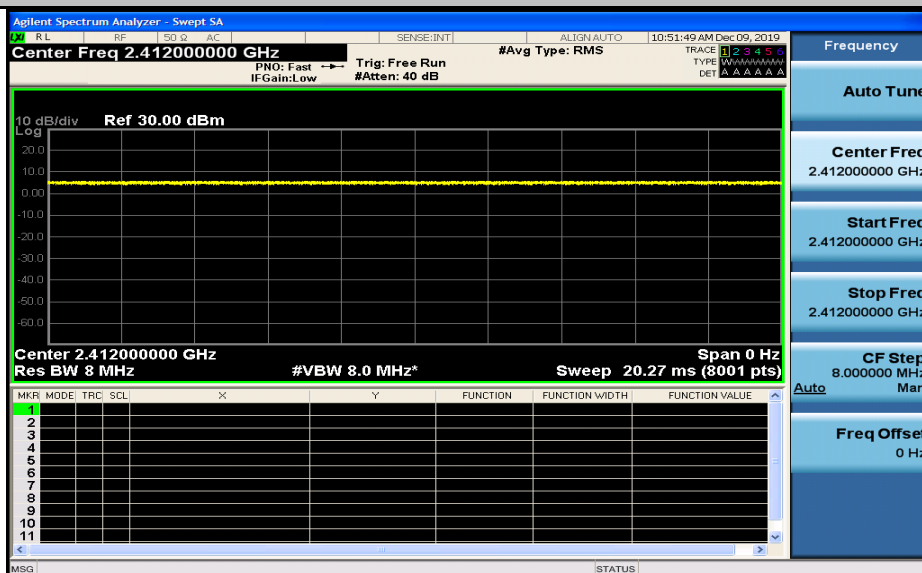




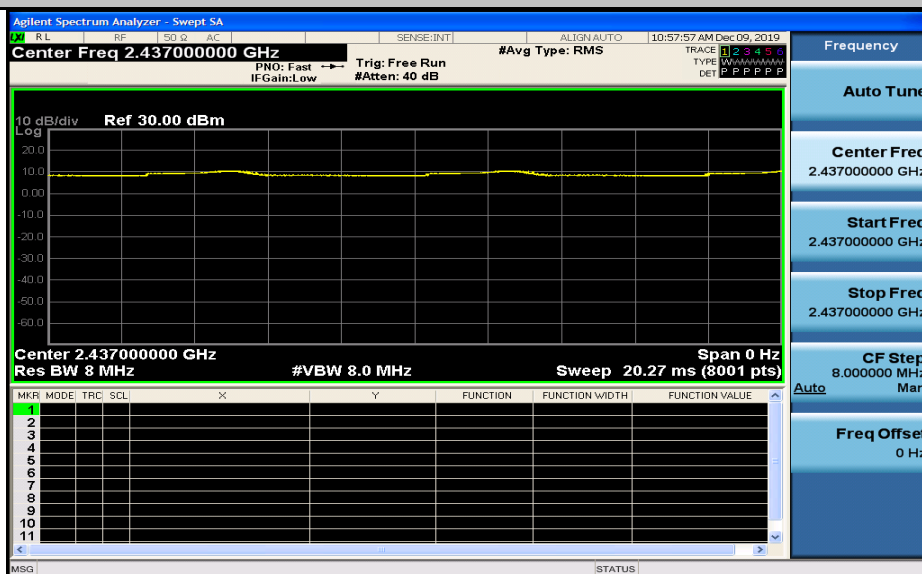
7.Duty Cycle

Test Mode	Test Channel	Duty Cycle[%]		10log(1/x) Factor[dB]	
		Ant1	Ant2	Ant1	Ant2
11B	2412	100.00	100.00	0.00	0.00
11B	2437	100.00	100.00	0.00	0.00
11B	2462	100.00	100.00	0.00	0.00
11G	2412	100.00	100.00	0.00	0.00
11G	2437	100.00	100.00	0.00	0.00
11G	2462	100.00	100.00	0.00	0.00
11N20SISO	2412	100.00	100.00	0.00	0.00
11N20SISO	2437	100.00	100.00	0.00	0.00
11N20SISO	2462	100.00	100.00	0.00	0.00
11N40SISO	2422	100.00	100.00	0.00	0.00
11N40SISO	2437	100.00	100.00	0.00	0.00
11N40SISO	2452	100.00	100.00	0.00	0.00

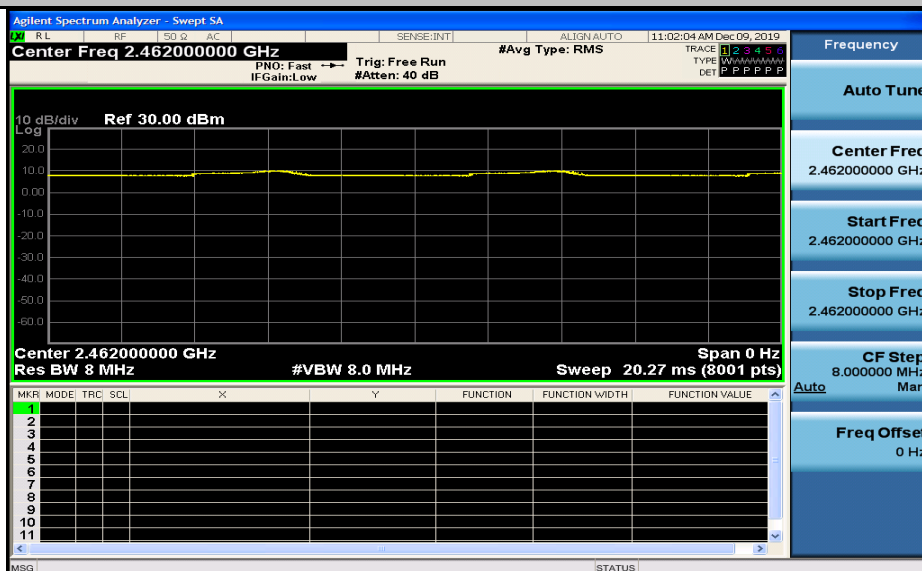
Duty Cycle 11B 2412 Ant1



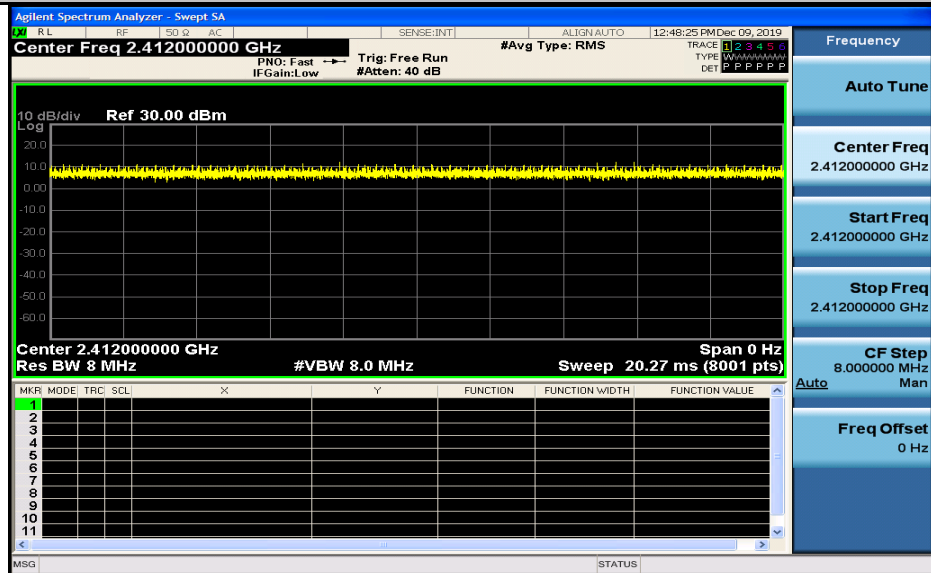
Duty Cycle 11B 2437 Ant1



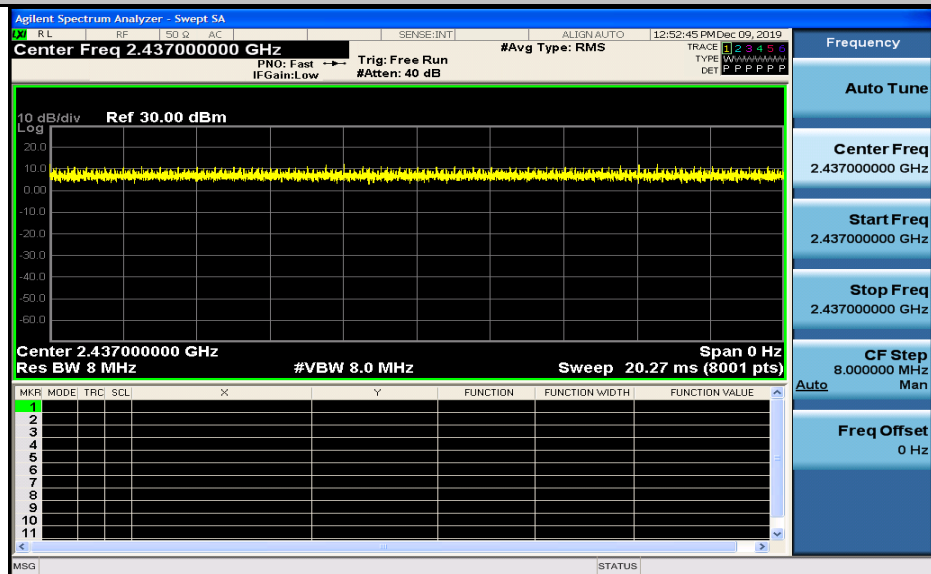
Duty Cycle_11B_2462_Ant1



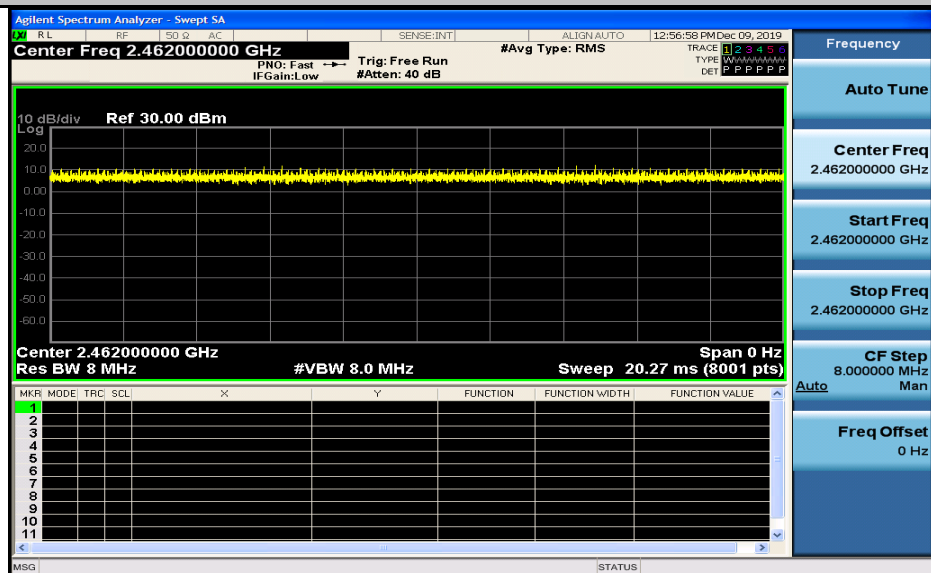
Duty Cycle_11G_2412_Ant1



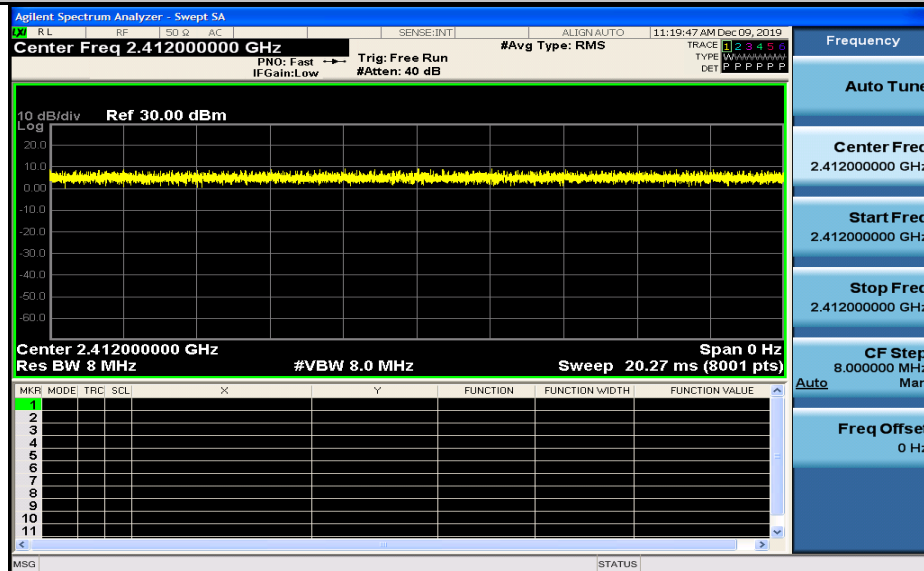
Duty Cycle_11G_2437_Ant1



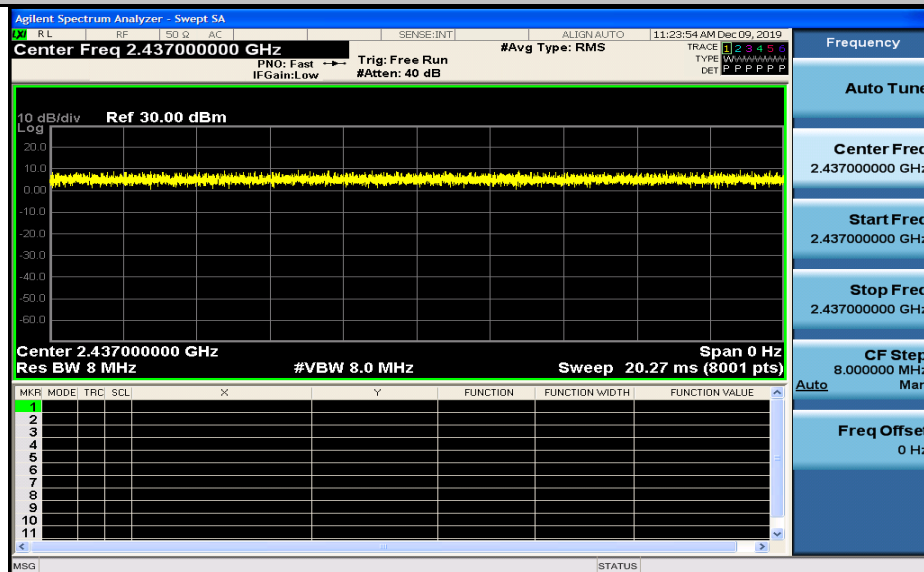
Duty Cycle_11G_2462_Ant1



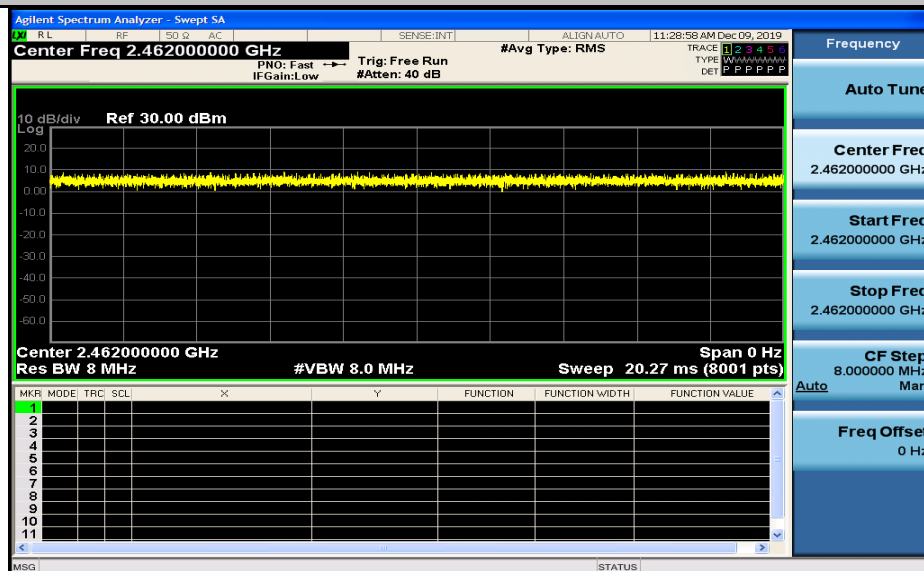
Duty Cycle_11N20SISO_2412_Ant1



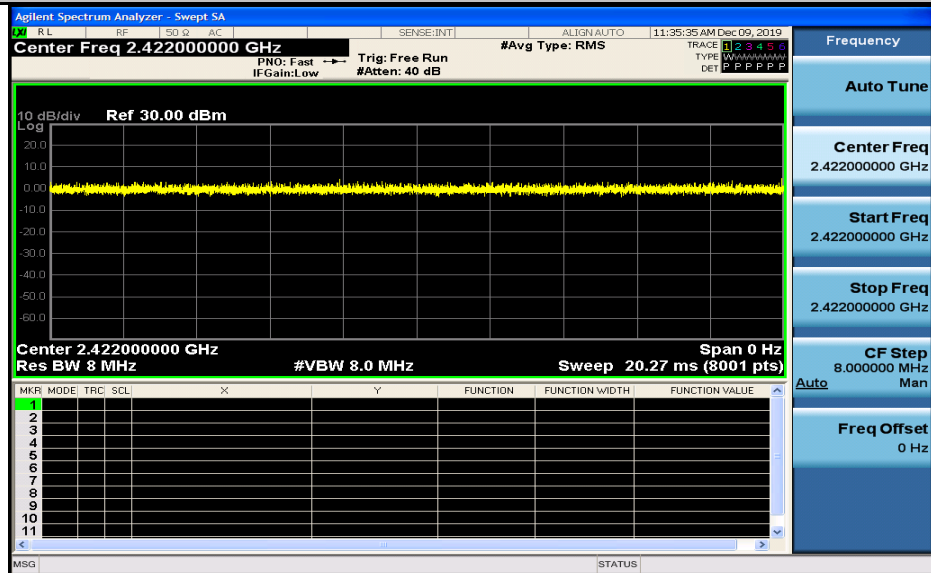
Duty Cycle_11N20SISO_2437_Ant1



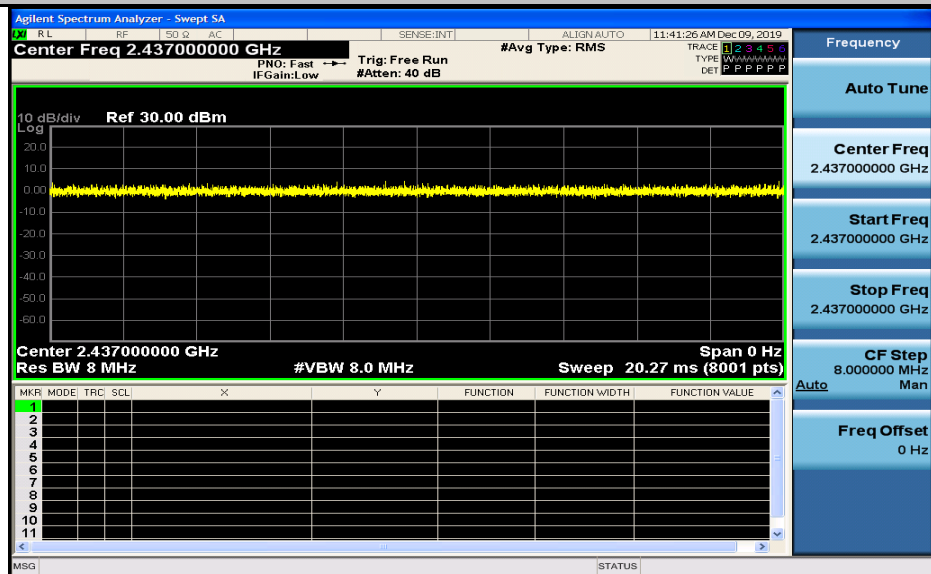
Duty Cycle_11N20SISO_2462_Ant1



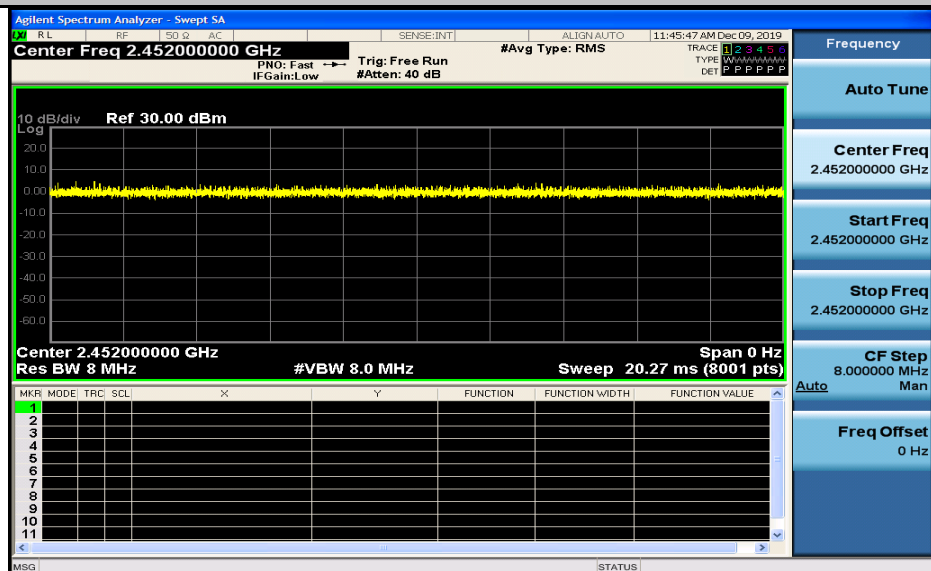
Duty Cycle_11N40SISO_2422_Ant1



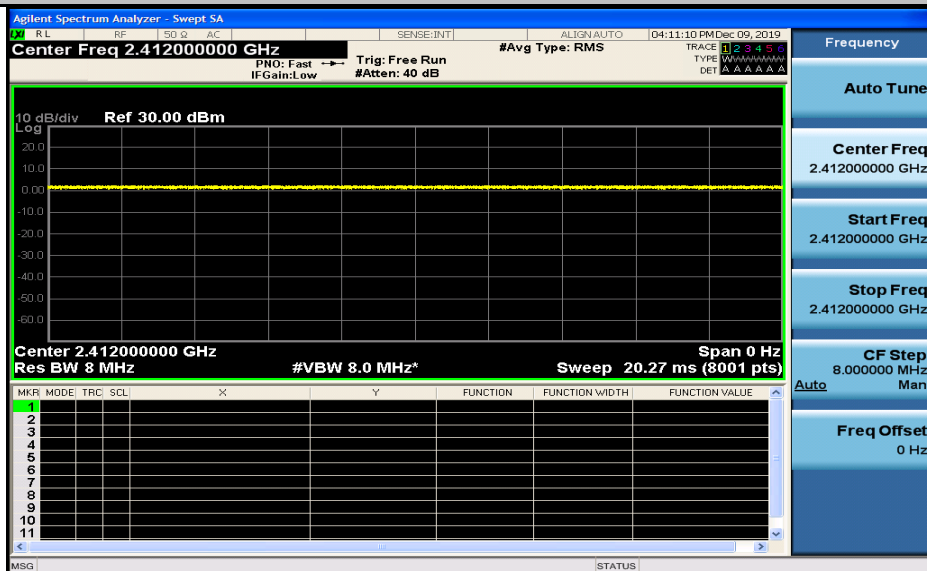
Duty Cycle_11N40SISO_2437_Ant1



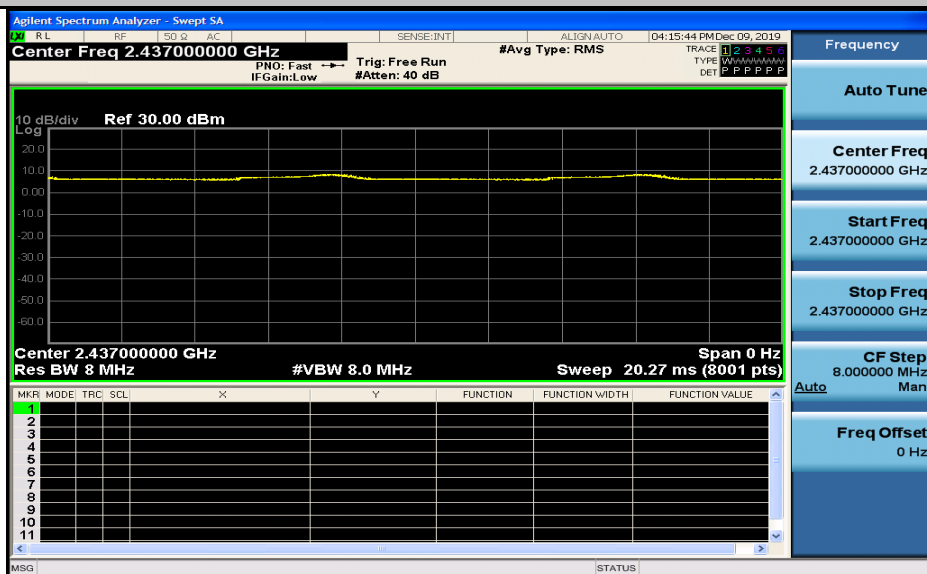
Duty Cycle_11N40SISO_2452_Ant1



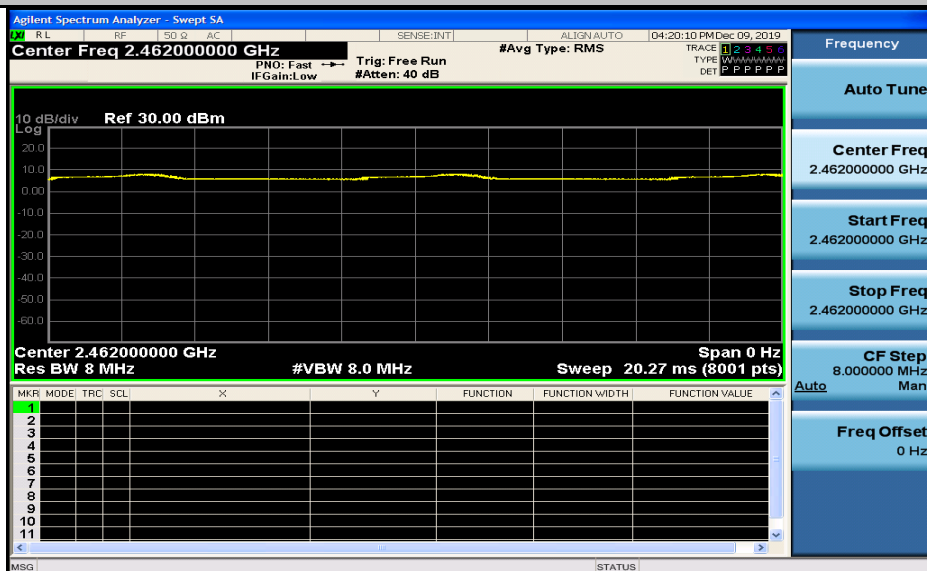
Duty Cycle_11B_2412_Ant2



Duty Cycle_11B_2437_Ant2

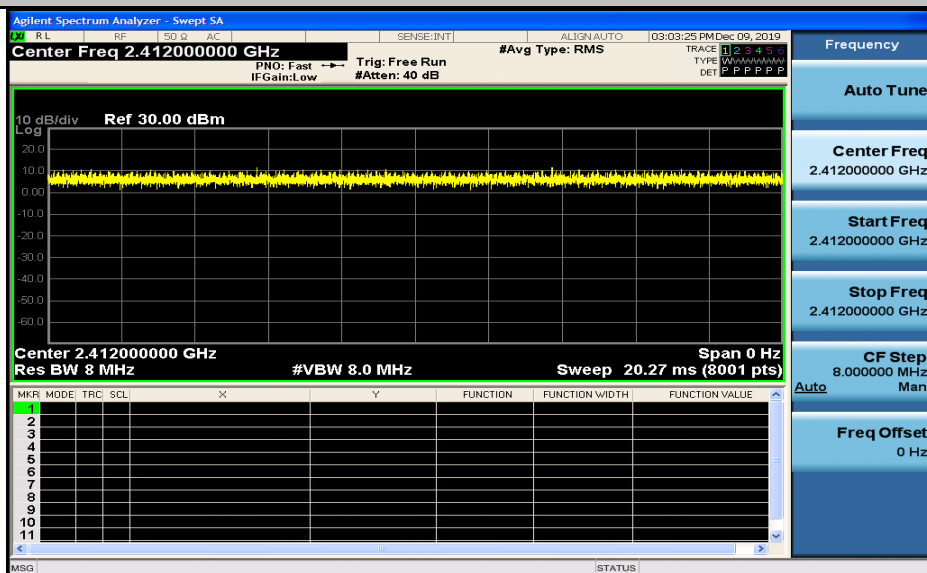


Duty Cycle_11B_2462_Ant2

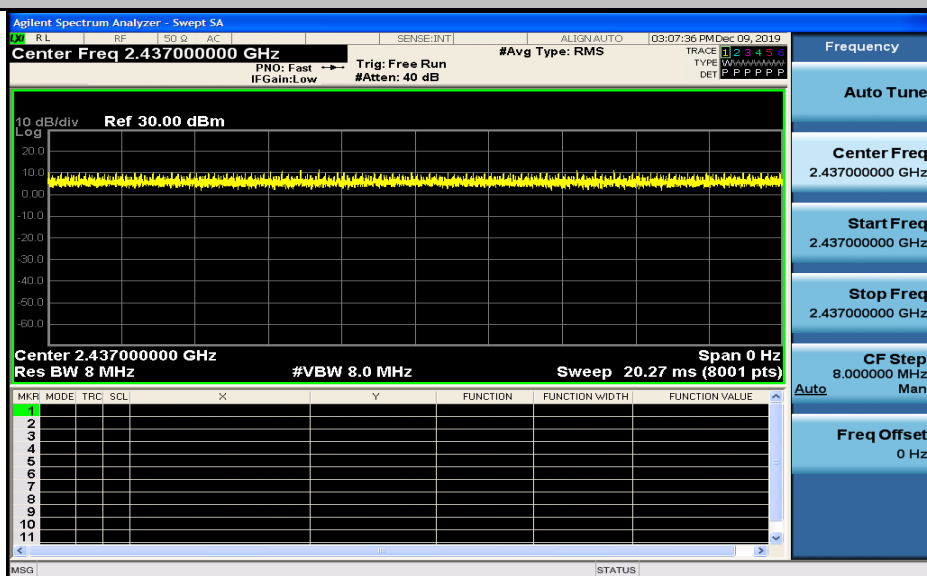




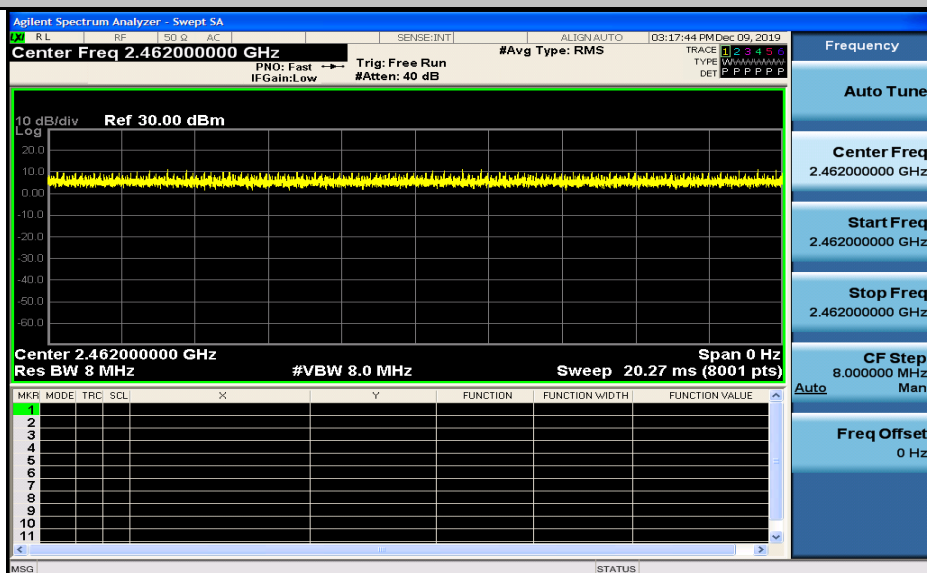
Duty Cycle_11G_2412_Ant2



Duty Cycle_11G_2437_Ant2

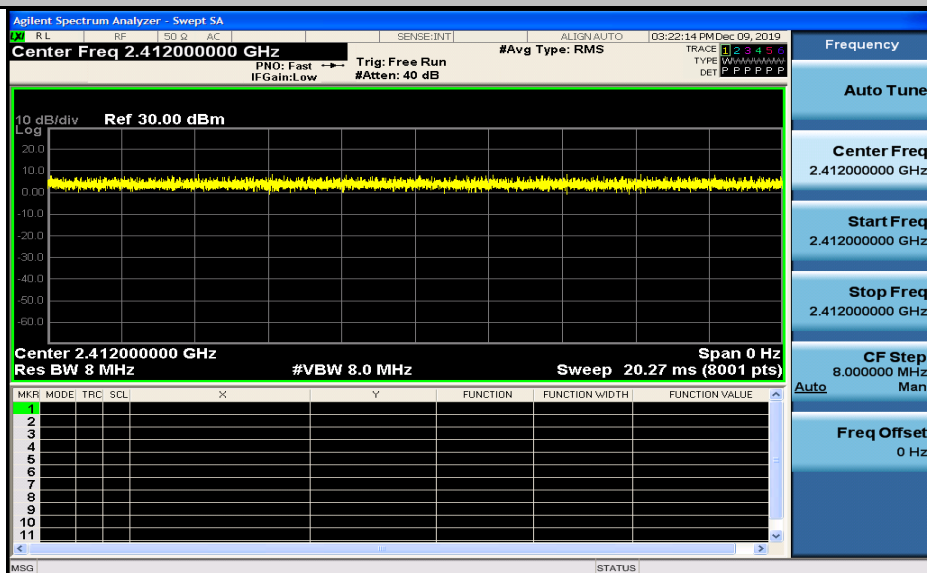


Duty Cycle_11G_2462_Ant2

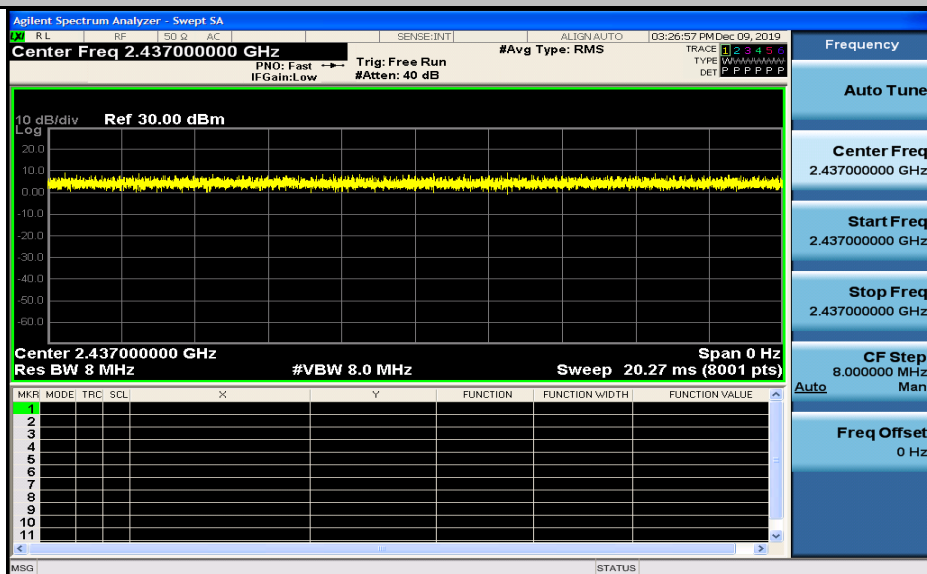




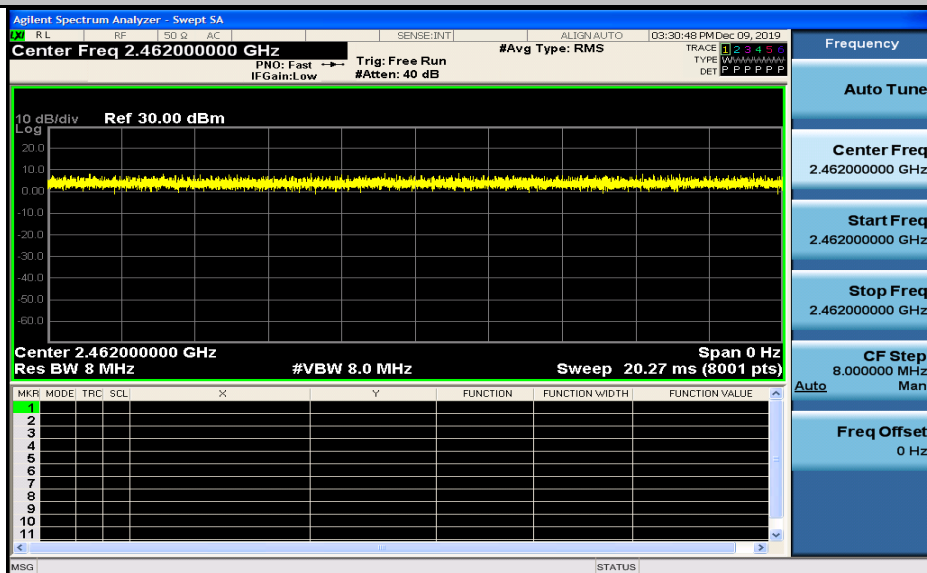
Duty Cycle_11N20SISO_2412_Ant2



Duty Cycle_11N20SISO_2437_Ant2



Duty Cycle_11N20SISO_2462_Ant2



Duty Cycle_11N40SISO_2422_Ant2

The screenshot displays the Agilent Spectrum Analyzer interface. The main plot shows a flat noise floor at approximately -30 dBm across the entire frequency span. The settings are as follows:

- Title:** Duty Cycle_11N40SISO_2422_Ant2
- Header:** Agilent Spectrum Analyzer - Swept SA
- Center Freq:** 2.422000000 GHz
- Span:** 0 Hz
- Res BW:** 8 MHz
- #VBW:** 8.0 MHz
- Sweep:** 20.27 ms (8001 pts)

The right-hand panel shows the following parameters:

- Frequency:** Auto Tune
- Center Freq:** 2.422000000 GHz
- Start Freq:** 2.422000000 GHz
- Stop Freq:** 2.422000000 GHz
- CF Step:** 8.000000 MHz Man
- Freq Offset:** 0 Hz

The bottom status bar indicates "MSG" and "STATUS".

[illegible]

Duty Cycle_11N40SISO_2452_Ant2

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 03:43:55 PM Dec 09, 2019

Center Freq 2.452000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Avg Type: RMS TRACE 1 2 3 4 5 6 TYPE 0000000000 DET P P P P P P

10 dB/div Ref 30.00 dBm

Log

20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

Center 2.452000000 GHz **Span 0 Hz**
Res BW 8 MHz **#VBW 8.0 MHz** **Sweep 20.27 ms (8001 pts)**

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq
2.452000000 GHz

Start Freq
2.452000000 GHz

Stop Freq
2.452000000 GHz

CF Step
8.000000 MHz
Man

Auto

Freq Offset
0 Hz