

**Appendix A for SHEM201100997701****1.6dB Bandwidth**

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.10	0.5	PASS
11B	2437	Ant1	9.09	0.5	PASS
11B	2462	Ant1	9.09	0.5	PASS
11G	2412	Ant1	16.55	0.5	PASS
11G	2437	Ant1	16.54	0.5	PASS
11G	2462	Ant1	16.55	0.5	PASS
11N20SISO	2412	Ant1	17.79	0.5	PASS
11N20SISO	2437	Ant1	17.79	0.5	PASS
11N20SISO	2462	Ant1	17.78	0.5	PASS

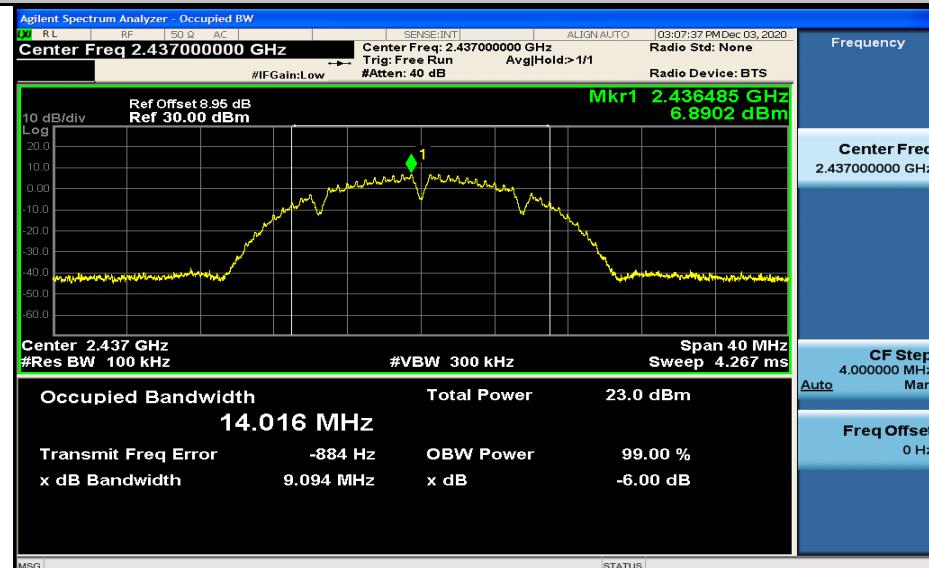
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## 6dB Bandwidth\_11B\_2412\_Ant1



## 6dB Bandwidth\_11B\_2437\_Ant1



## 6dB Bandwidth\_11B\_2462\_Ant1

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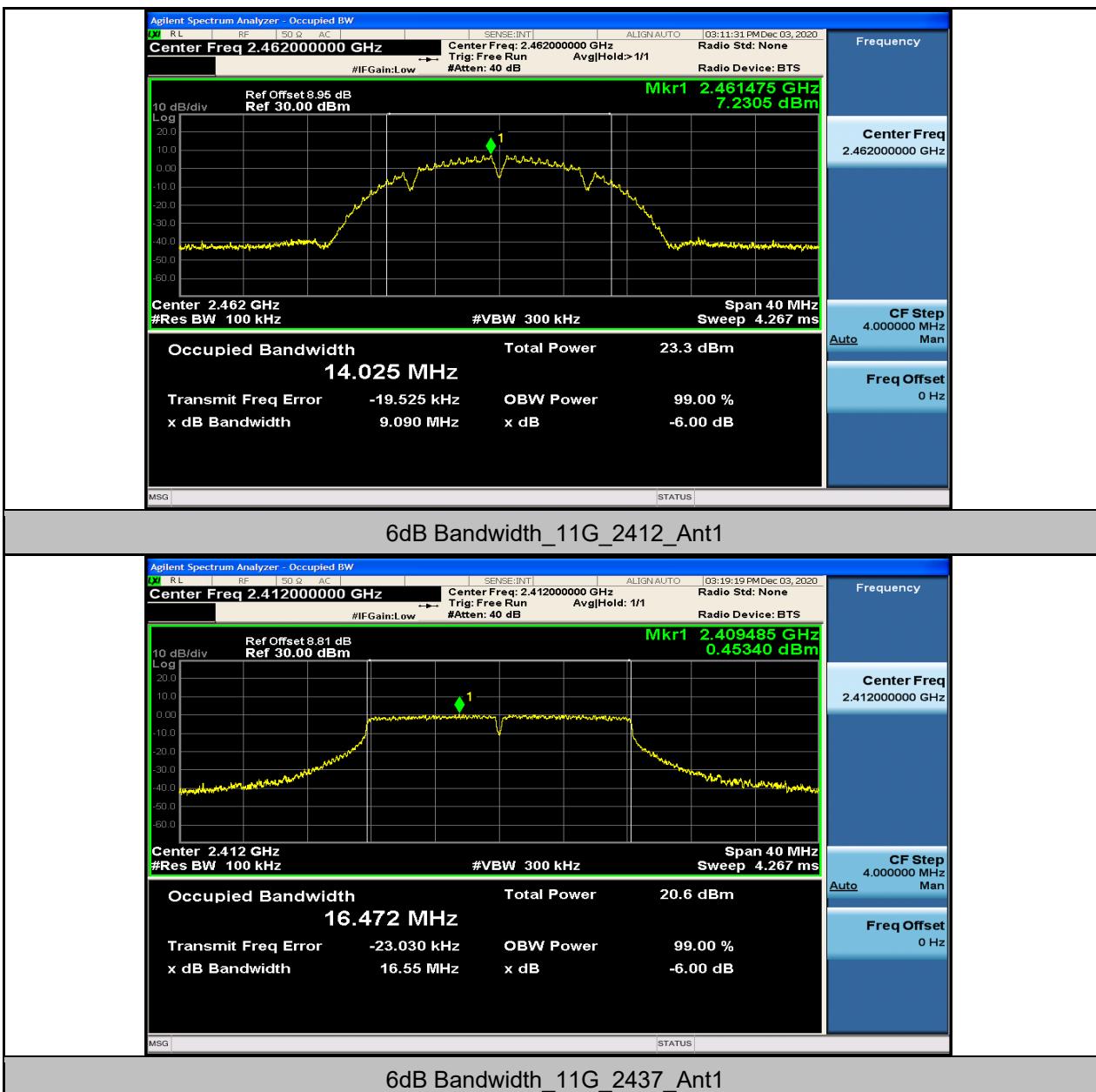


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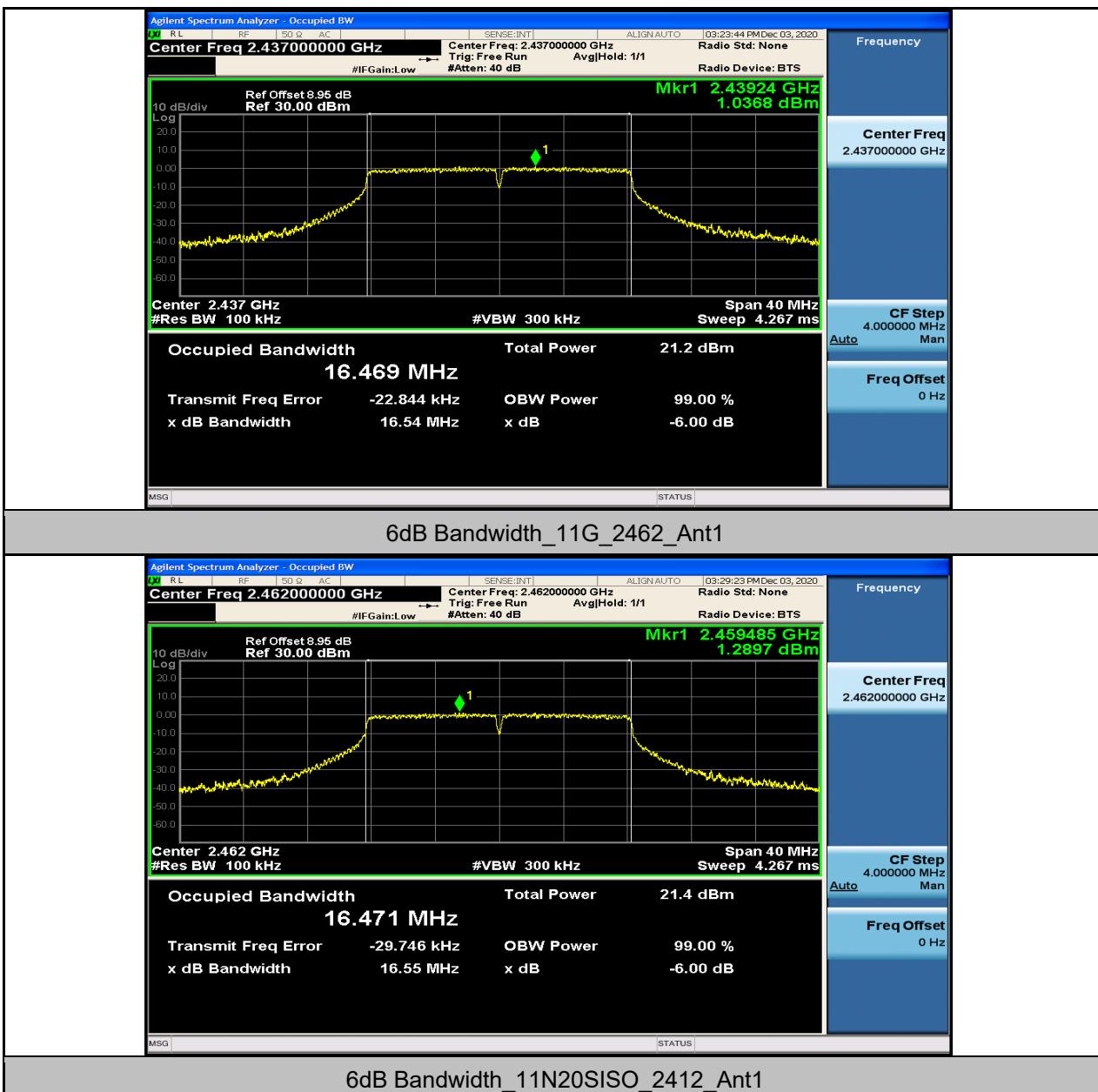
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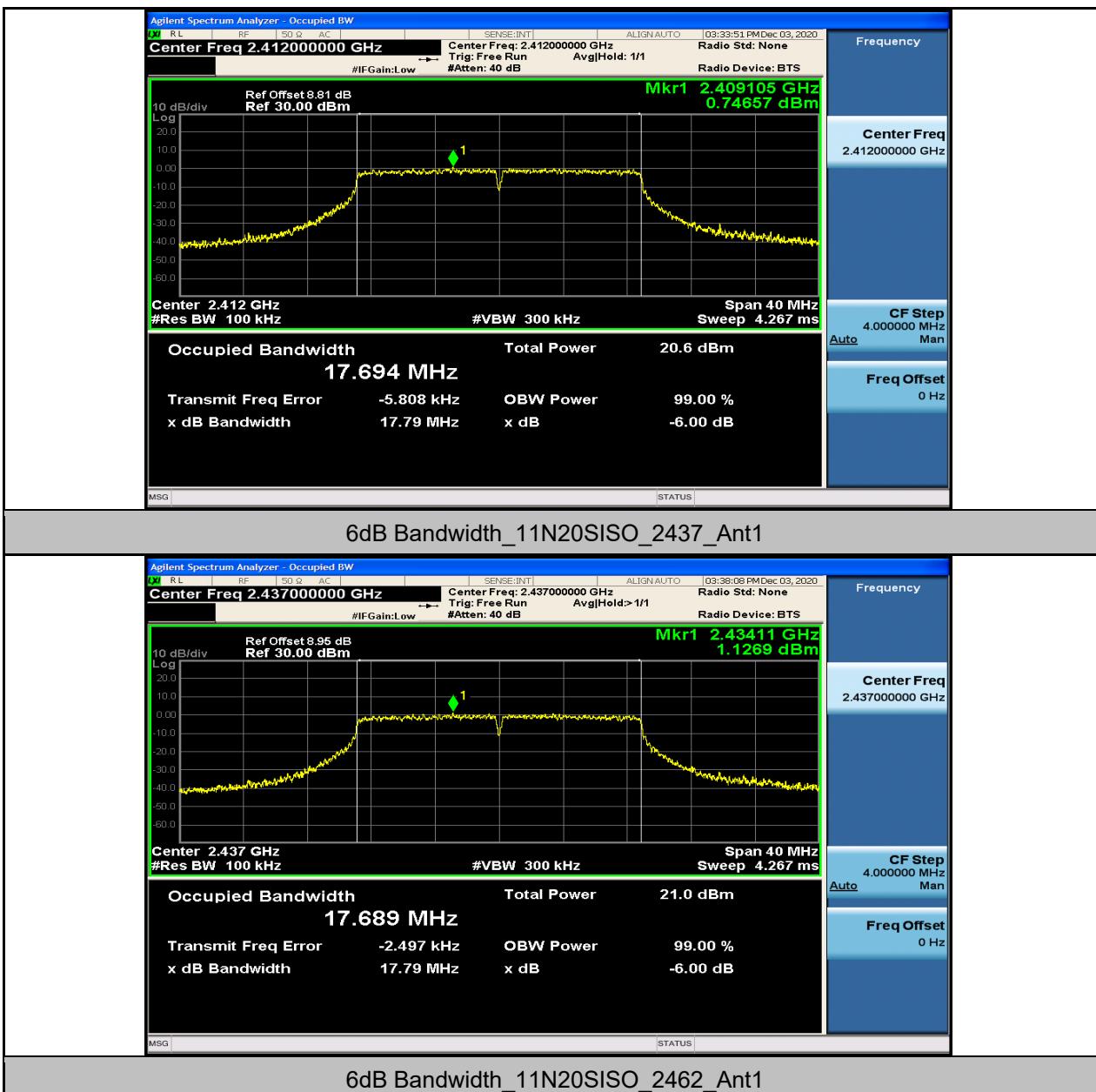
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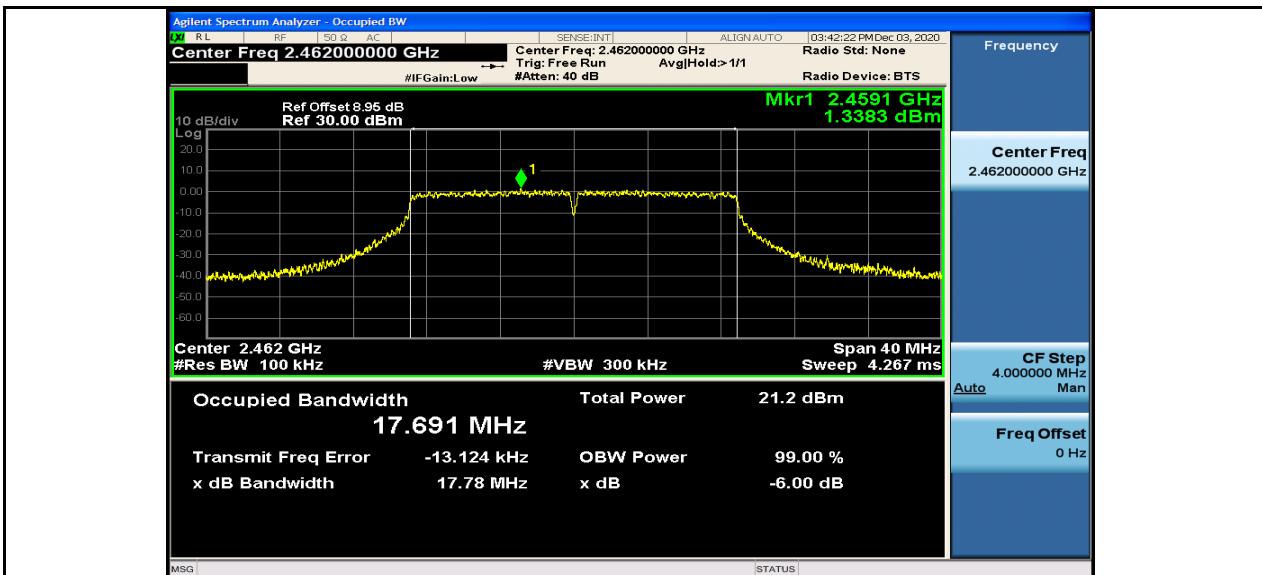
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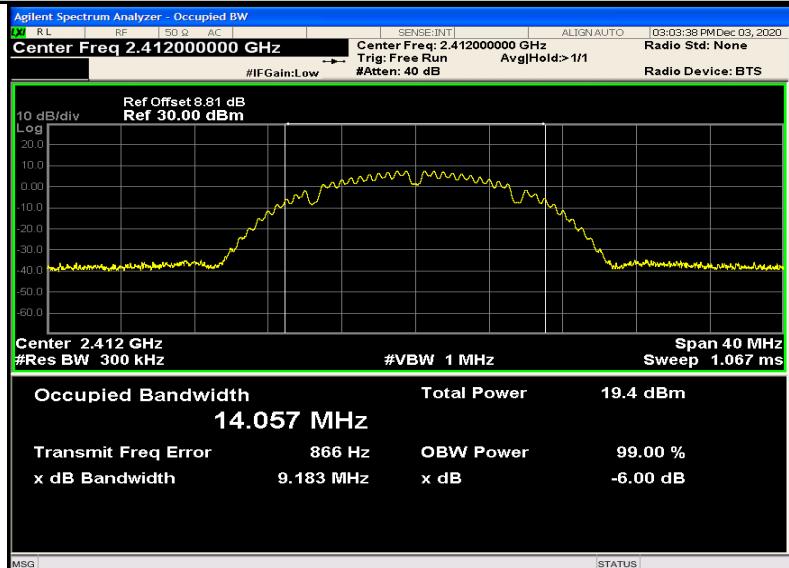
**2.Occupied Bandwidth**

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	Ant1	14.06	---	PASS
11B	2437	Ant1	14.05	---	PASS
11B	2462	Ant1	14.05	---	PASS
11G	2412	Ant1	16.82	---	PASS
11G	2437	Ant1	16.85	---	PASS
11G	2462	Ant1	16.83	---	PASS
11N20SISO	2412	Ant1	17.96	---	PASS
11N20SISO	2437	Ant1	17.96	---	PASS
11N20SISO	2462	Ant1	17.95	---	PASS

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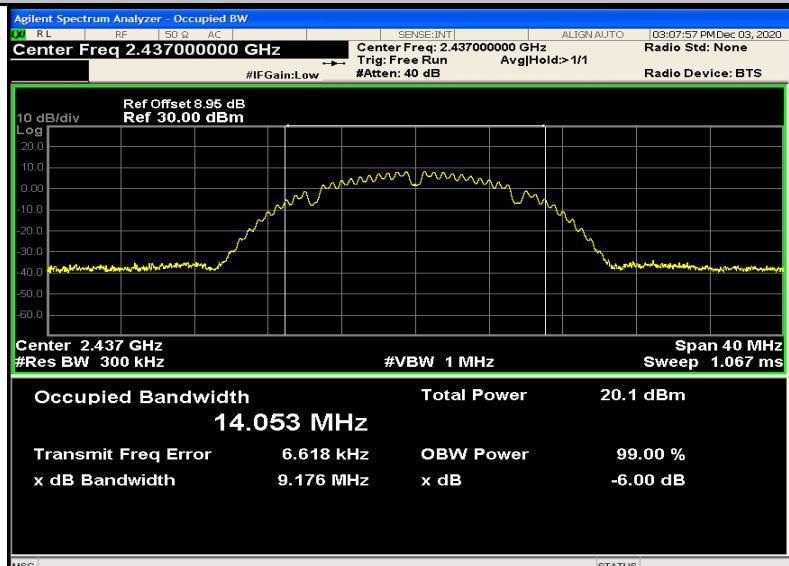
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## Occupied Bandwidth\_11B\_2412



Frequency  
Center Freq 2.412000000 GHz  
CF Step 4.000000 MHz Man  
Auto  
Freq Offset 0 Hz

## Occupied Bandwidth\_11B\_2437



Frequency  
Center Freq 2.437000000 GHz  
CF Step 4.000000 MHz Man  
Auto  
Freq Offset 0 Hz

## Occupied Bandwidth\_11B\_2462

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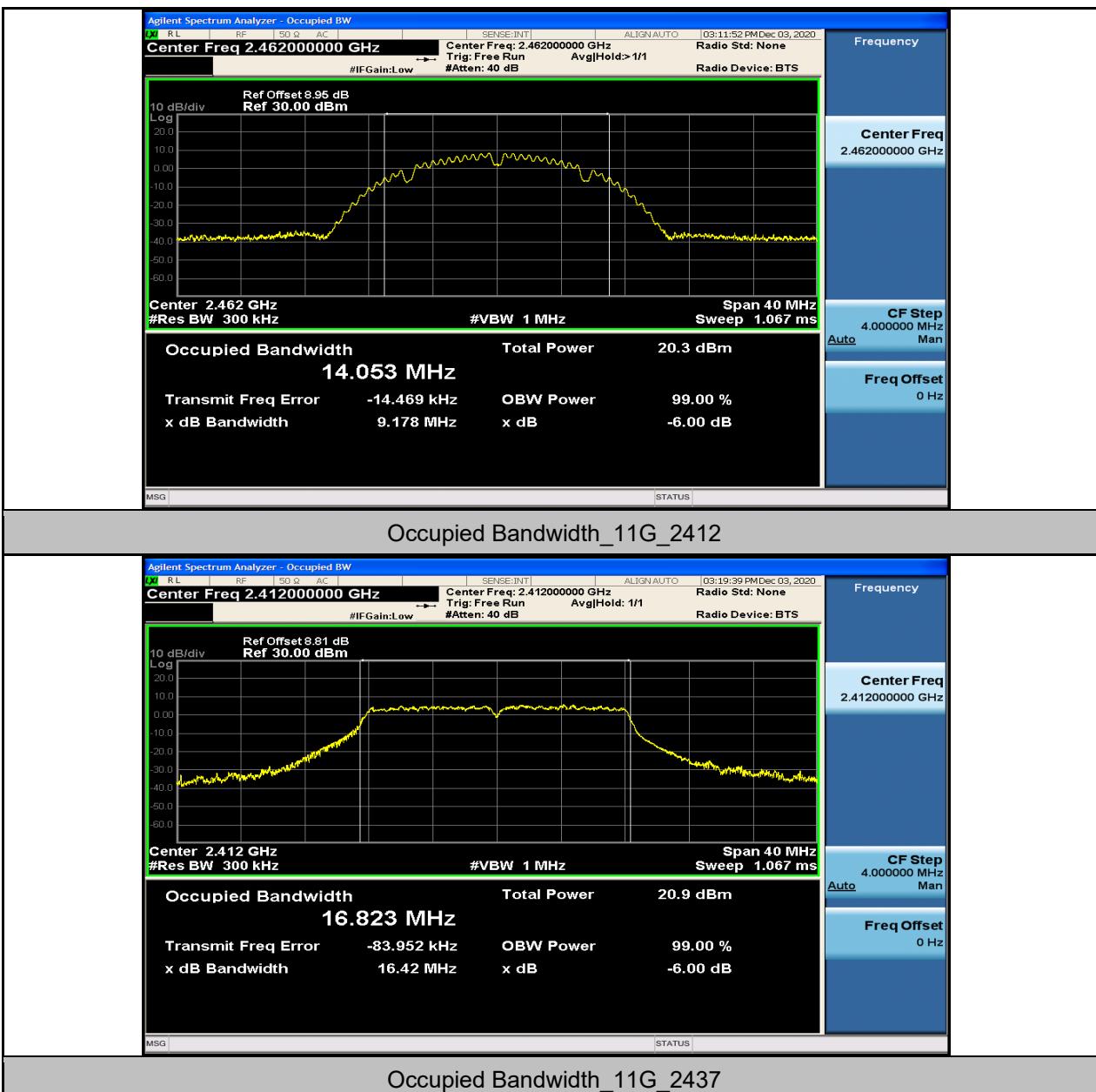


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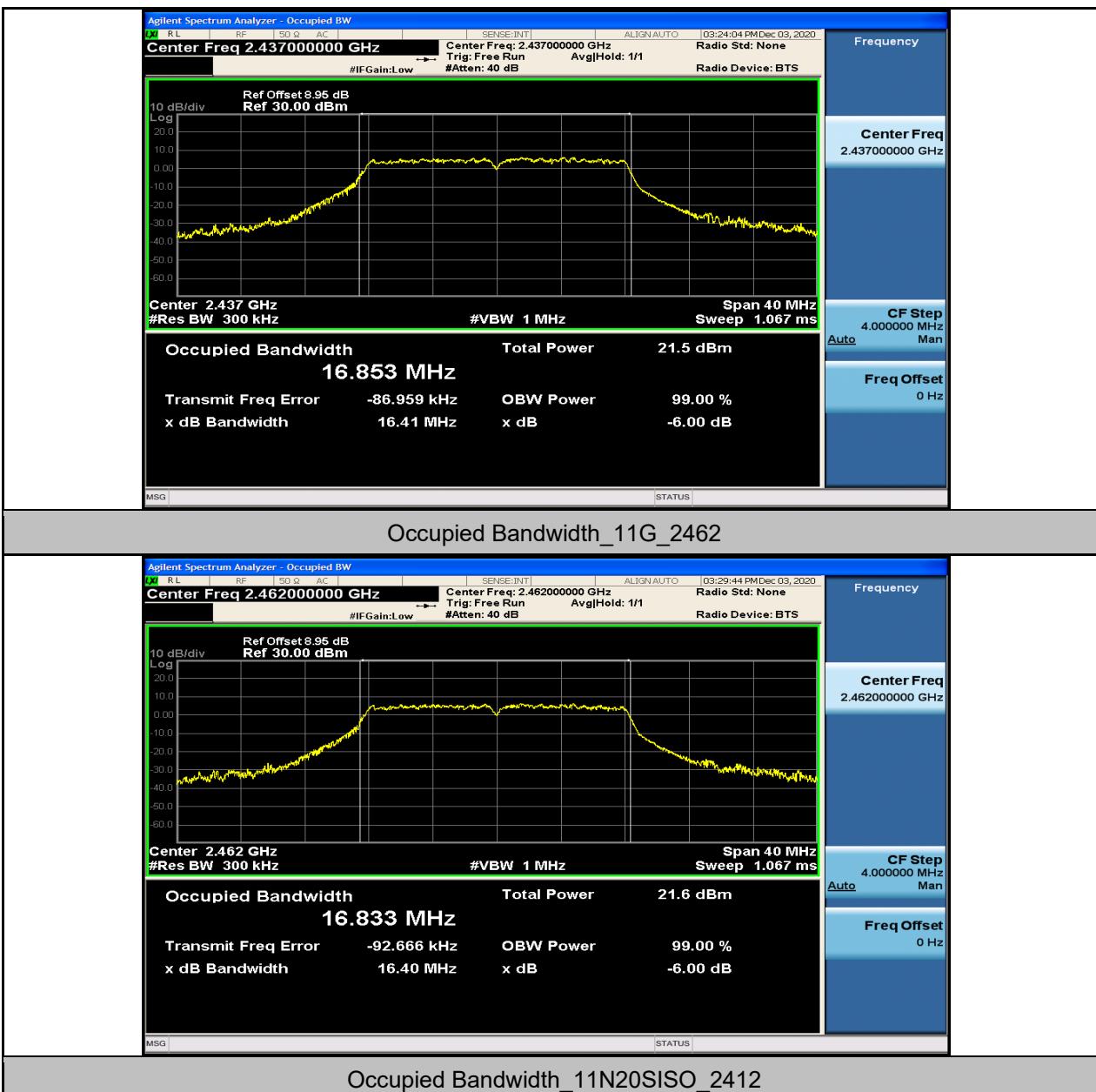


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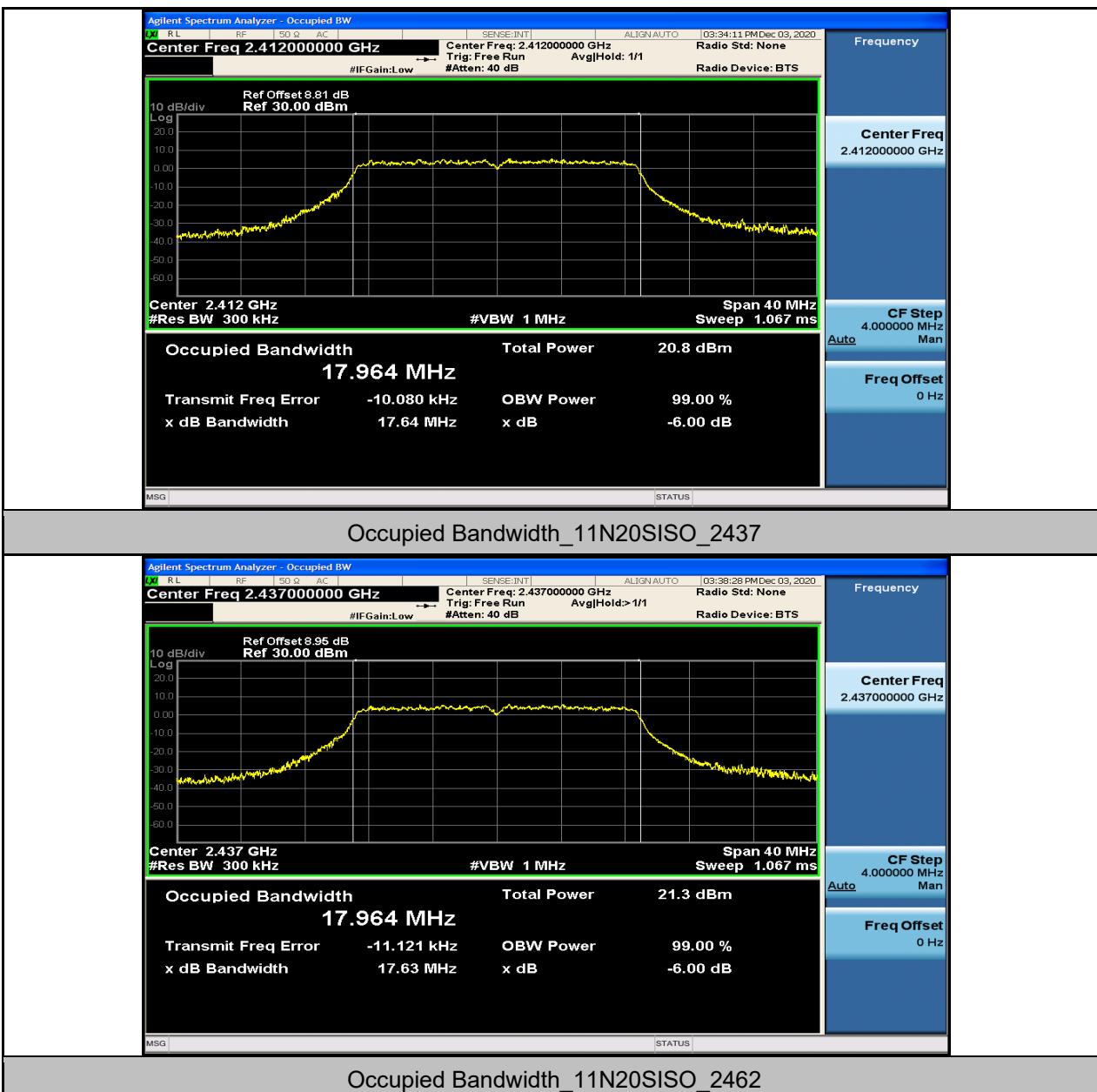
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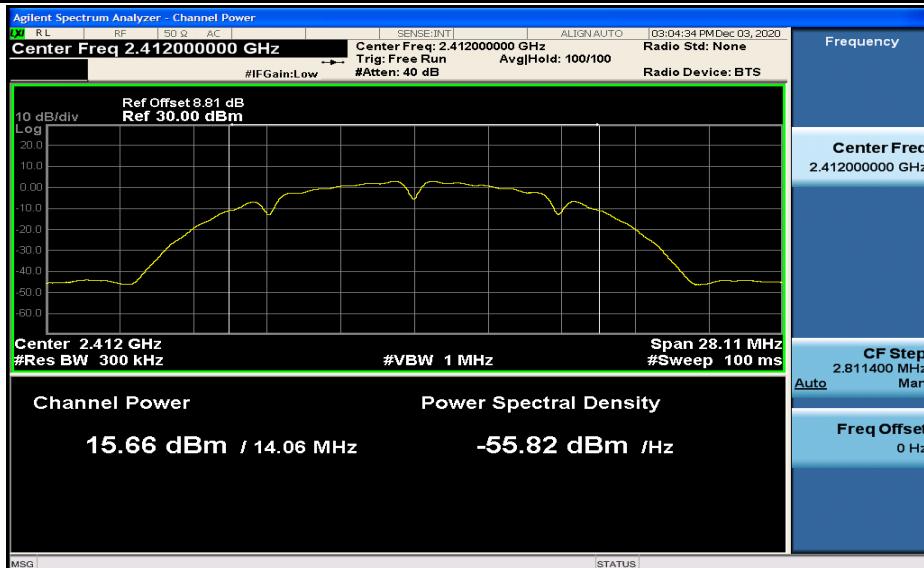
**3. Maximum conducted (average) output power**

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	15.66	0.00	15.66	30	PASS
11B	2437	Ant1	16.27	0.00	16.27	30	PASS
11B	2462	Ant1	16.47	0.00	16.47	30	PASS
11G	2412	Ant1	14.51	0.00	14.51	30	PASS
11G	2437	Ant1	15.08	0.00	15.08	30	PASS
11G	2462	Ant1	15.24	0.00	15.24	30	PASS
11N20SISO	2412	Ant1	14.47	0.00	14.47	30	PASS
11N20SISO	2437	Ant1	15.01	0.00	15.01	30	PASS
11N20SISO	2462	Ant1	15.19	0.00	15.19	30	PASS

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## Maximum conducted (average) output power\_11B\_2412\_Ant1



## Maximum conducted (average) output power\_11B\_2437\_Ant1



## Maximum conducted (average) output power\_11B\_2462\_Ant1

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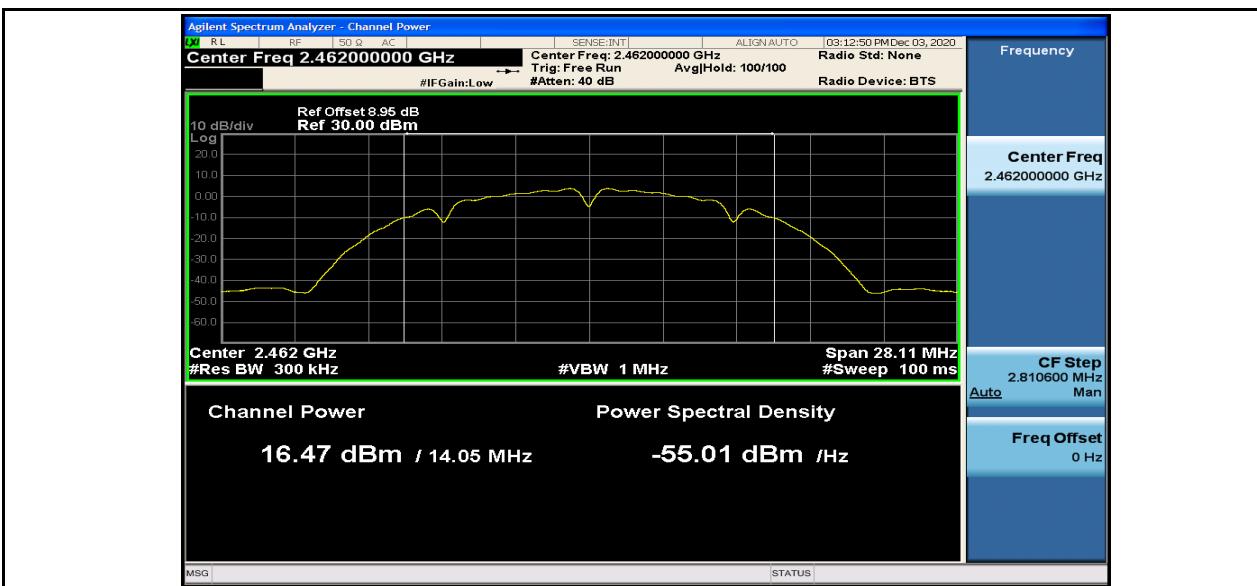
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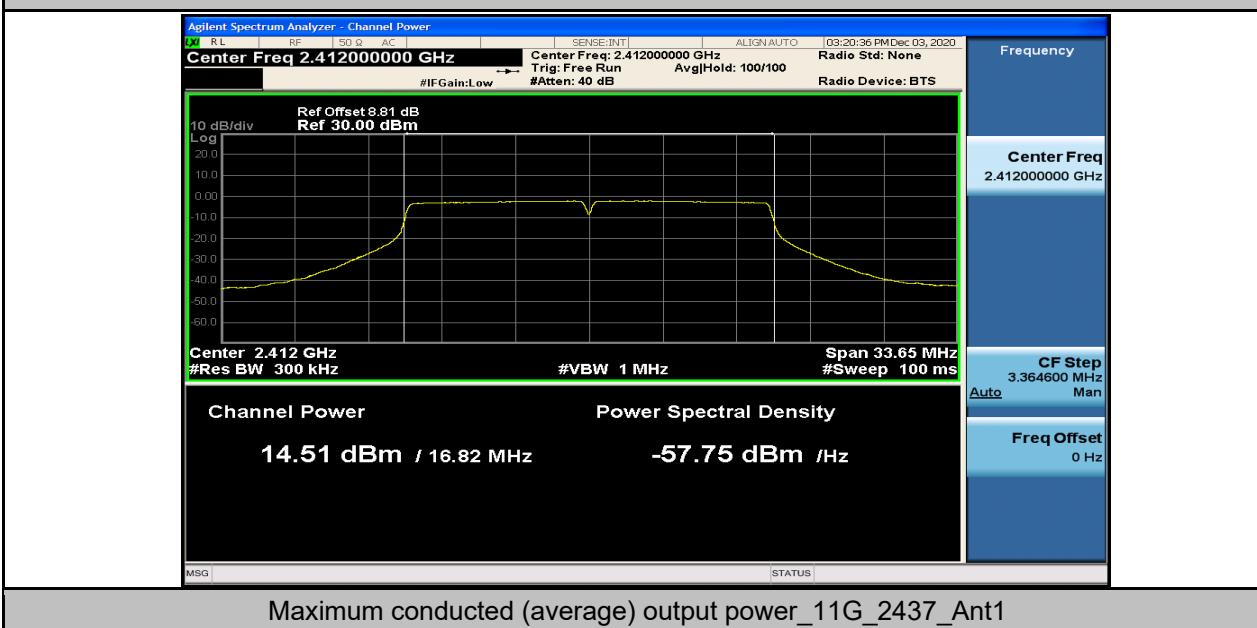
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Maximum conducted (average) output power\_11G\_2412\_Ant1



Maximum conducted (average) output power\_11G\_2437\_Ant1

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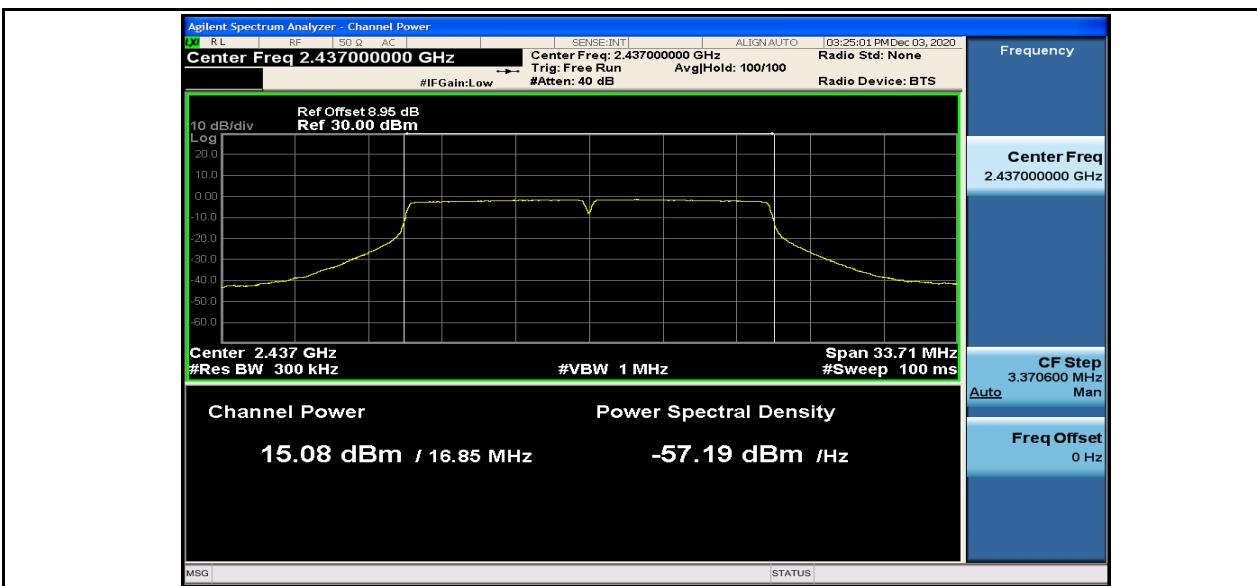


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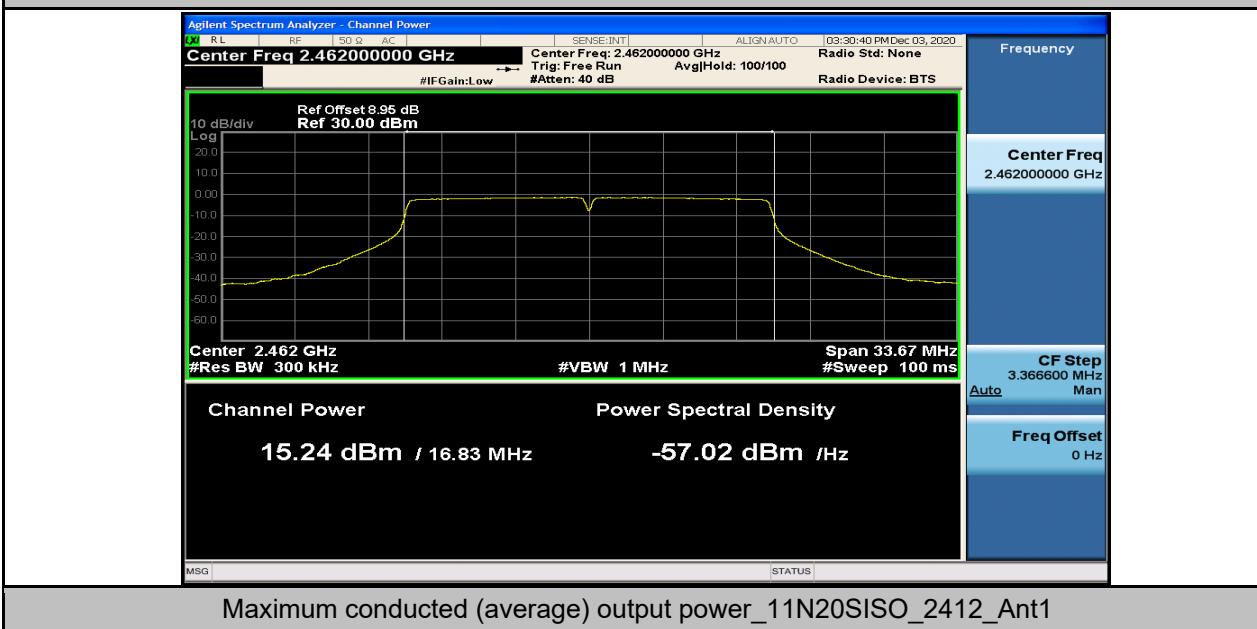
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Maximum conducted (average) output power\_11G\_2462\_Ant1



Maximum conducted (average) output power\_11N20SISO\_2412\_Ant1

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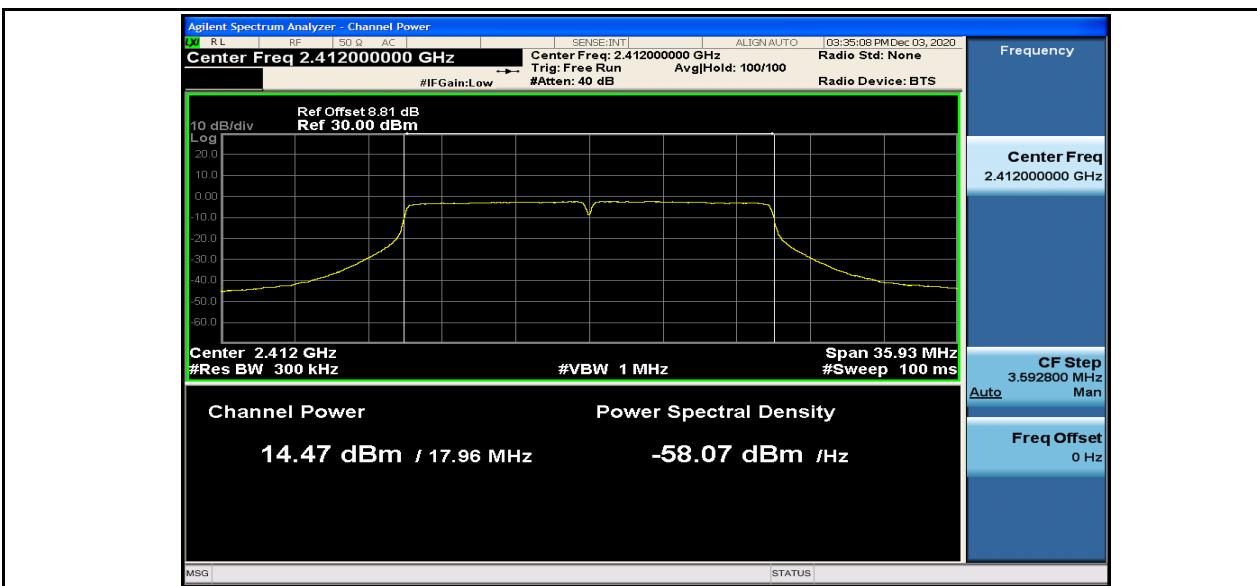


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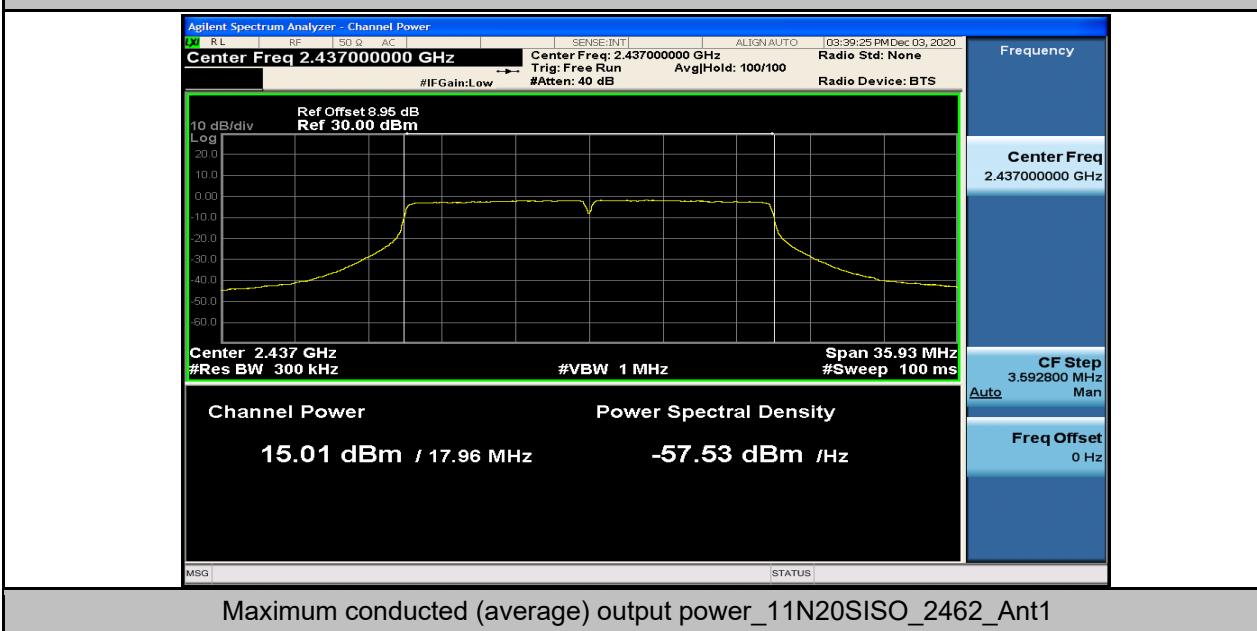
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Maximum conducted (average) output power\_11N20SISO\_2437\_Ant1



Maximum conducted (average) output power\_11N20SISO\_2462\_Ant1

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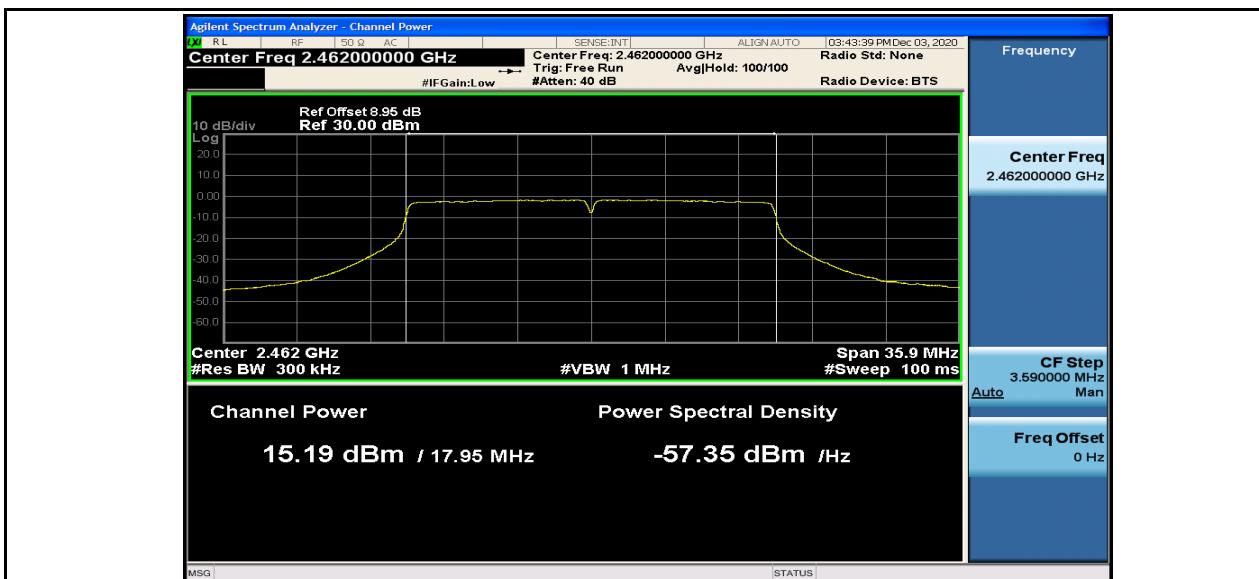


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**4. Maximum(average) power spectral density**

Test Mode	Test Channel	Ant	Level [dBm/3kHz]	10log(1/x) Factor[dB]	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-16.61	0.00	-16.61	8.00	PASS
11B	2437	Ant1	-16.01	0.00	-16.01	8.00	PASS
11B	2462	Ant1	-15.81	0.00	-15.81	8.00	PASS
11G	2412	Ant1	-19.87	0.00	-19.87	8.00	PASS
11G	2437	Ant1	-19.31	0.00	-19.31	8.00	PASS
11G	2462	Ant1	-19.16	0.00	-19.16	8.00	PASS
11N20SISO	2412	Ant1	-20.14	0.00	-20.14	8.00	PASS
11N20SISO	2437	Ant1	-19.56	0.00	-19.56	8.00	PASS
11N20SISO	2462	Ant1	-19.36	0.00	-19.36	8.00	PASS

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## Maximum(average) power spectral density\_11B\_2412\_Ant1



## Maximum(average) power spectral density\_11B\_2437\_Ant1



## Maximum(average) power spectral density\_11B\_2462\_Ant1

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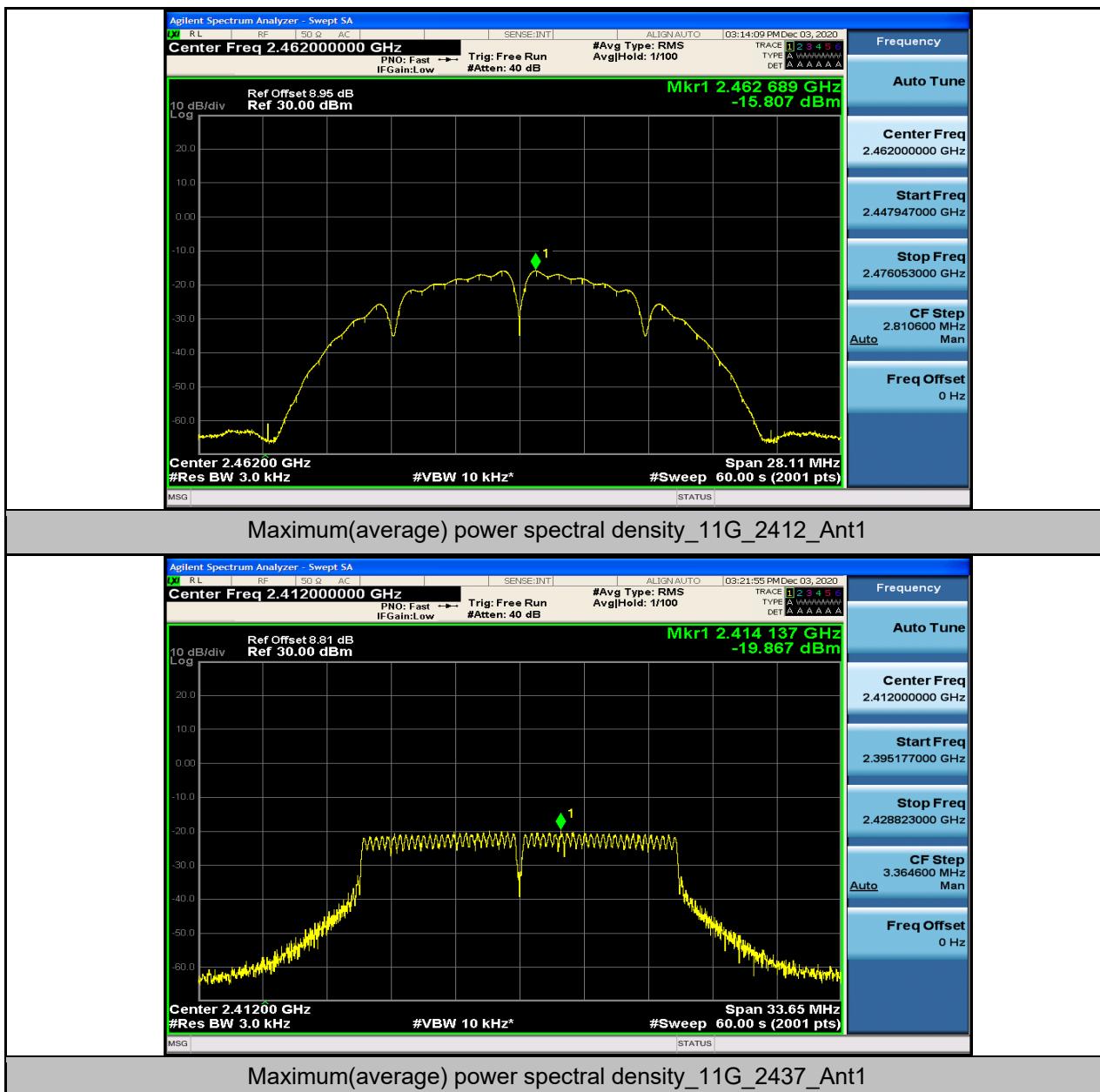


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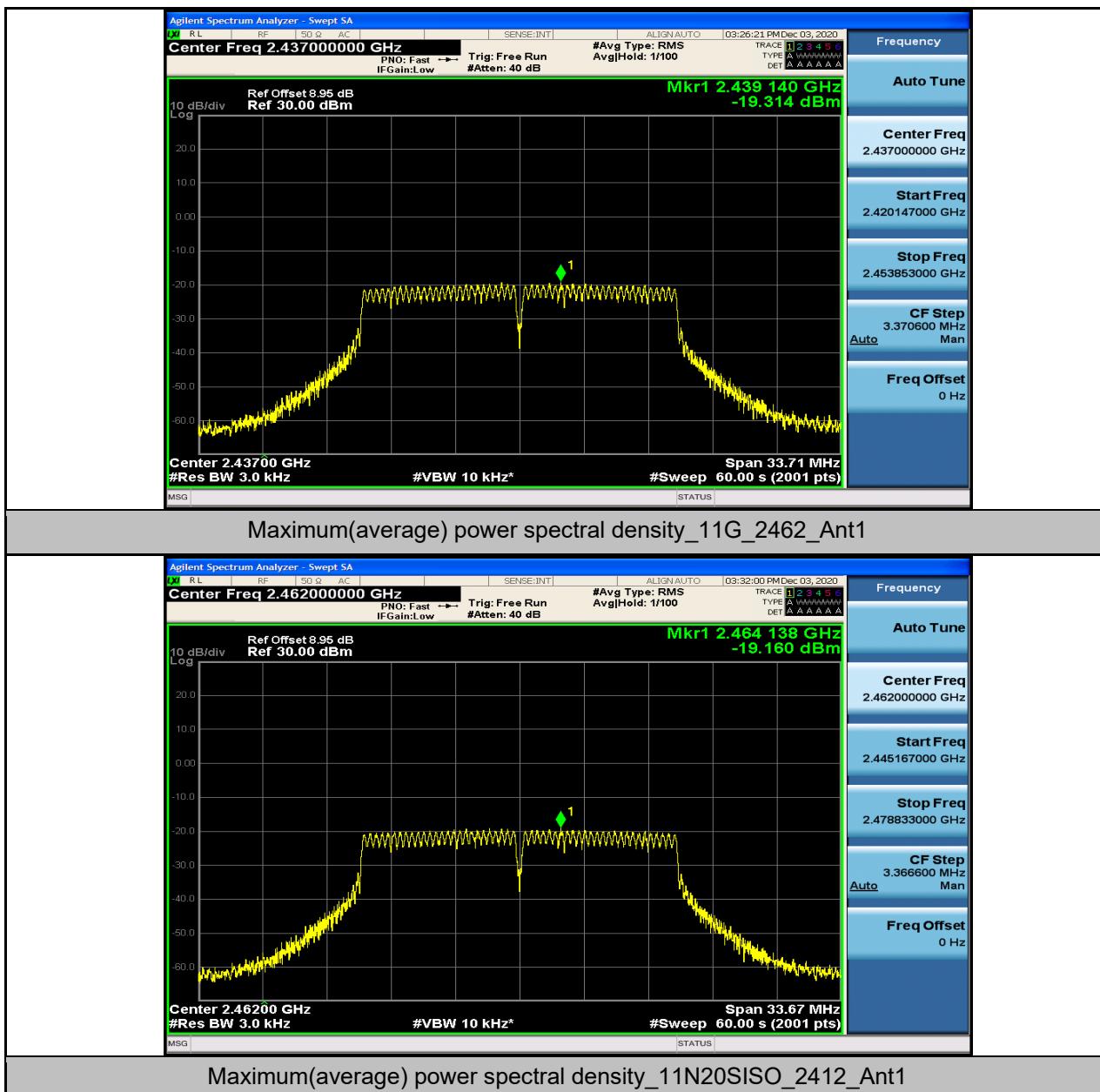
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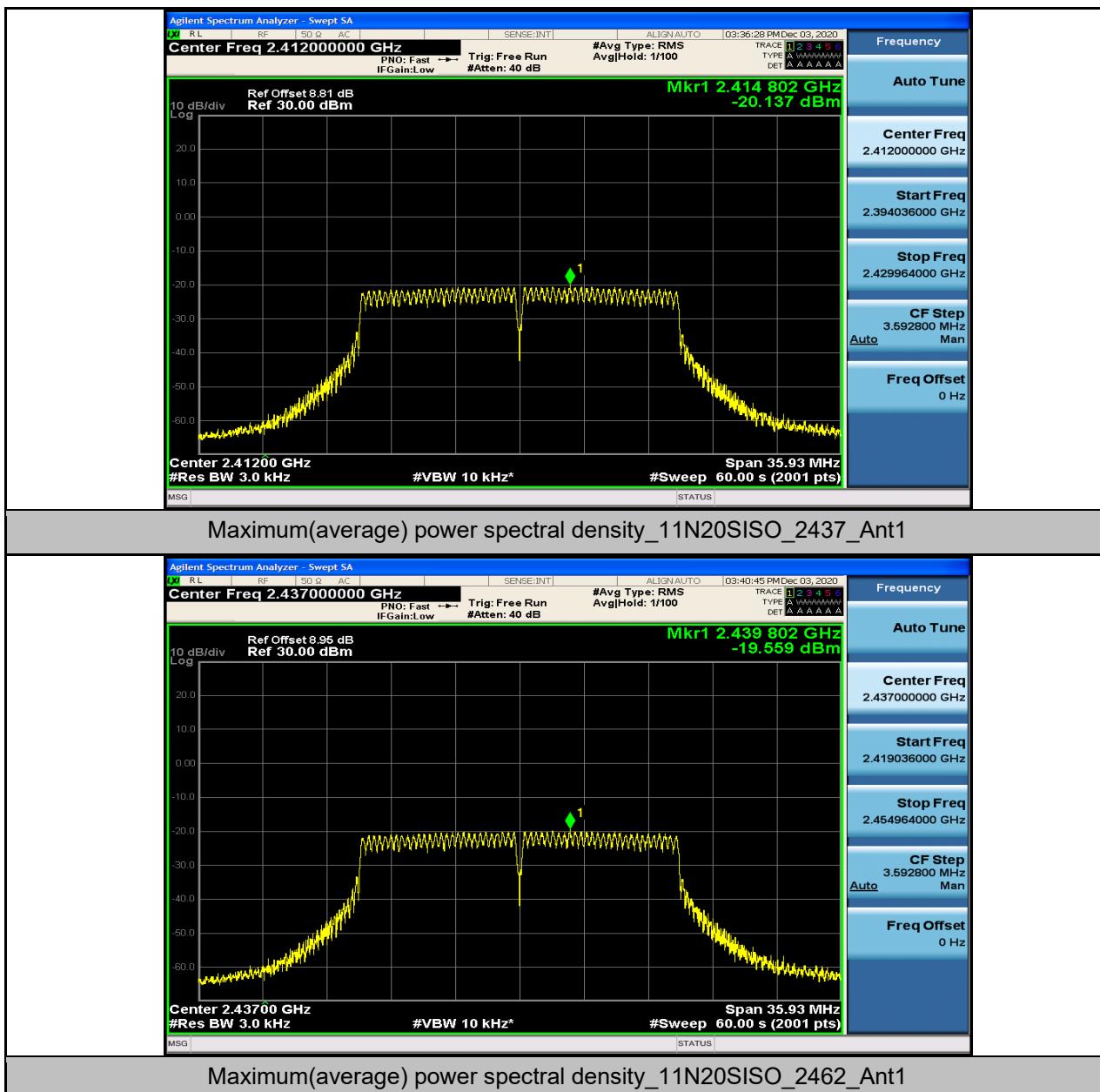
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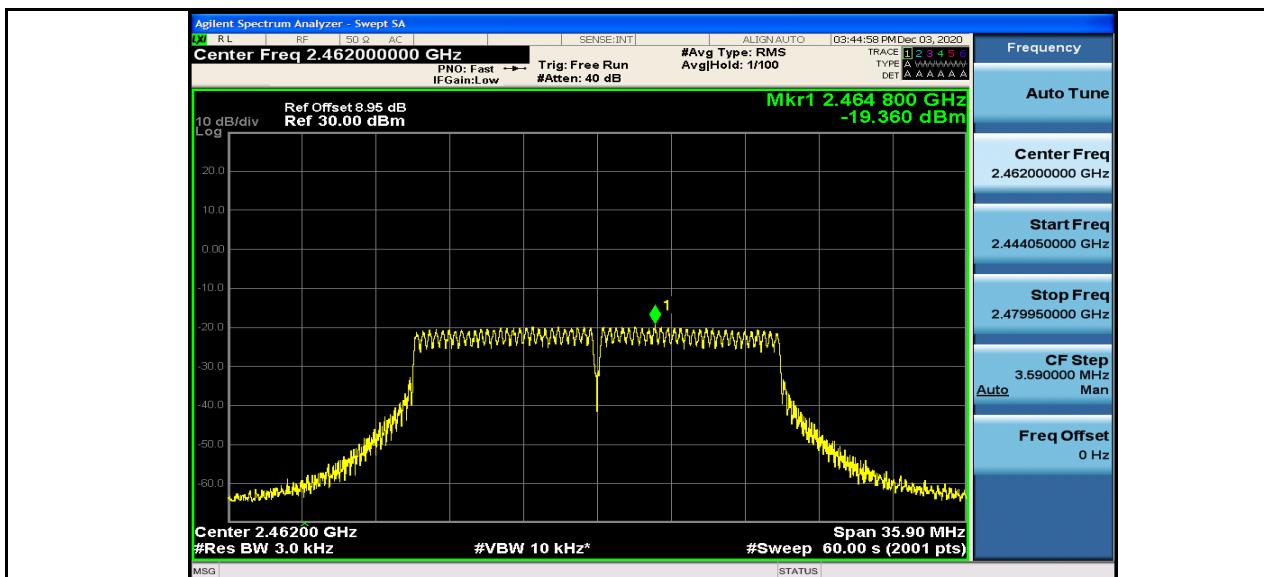
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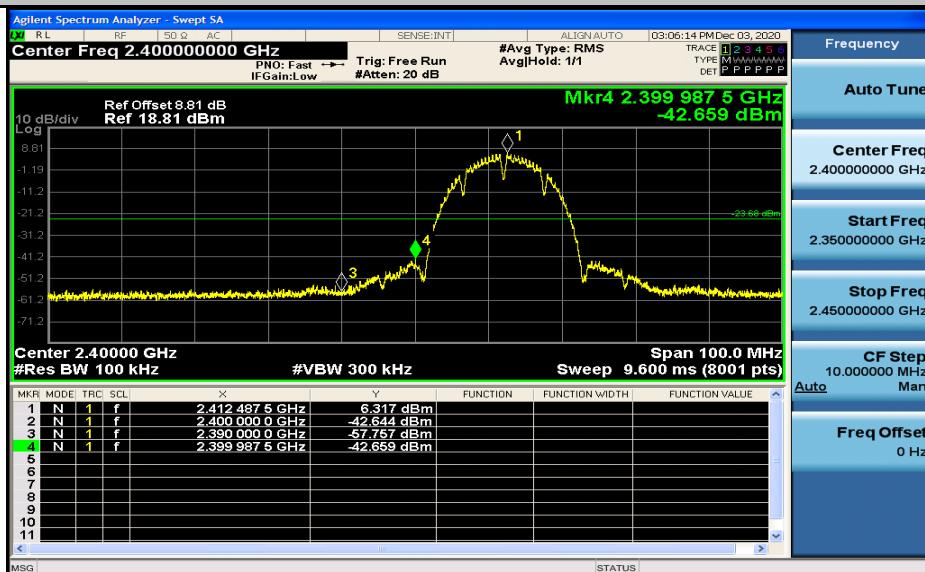
**5. Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	6.32	-42.64	-23.68	PASS
11B	2462	Ant1	7.16	-53.37	-22.84	PASS
11G	2412	Ant1	0.25	-30.83	-29.75	PASS
11G	2462	Ant1	0.96	-43.31	-29.04	PASS
11N20SISO	2412	Ant1	-0.10	-31.11	-30.10	PASS
11N20SISO	2462	Ant1	1.51	-42.42	-28.49	PASS

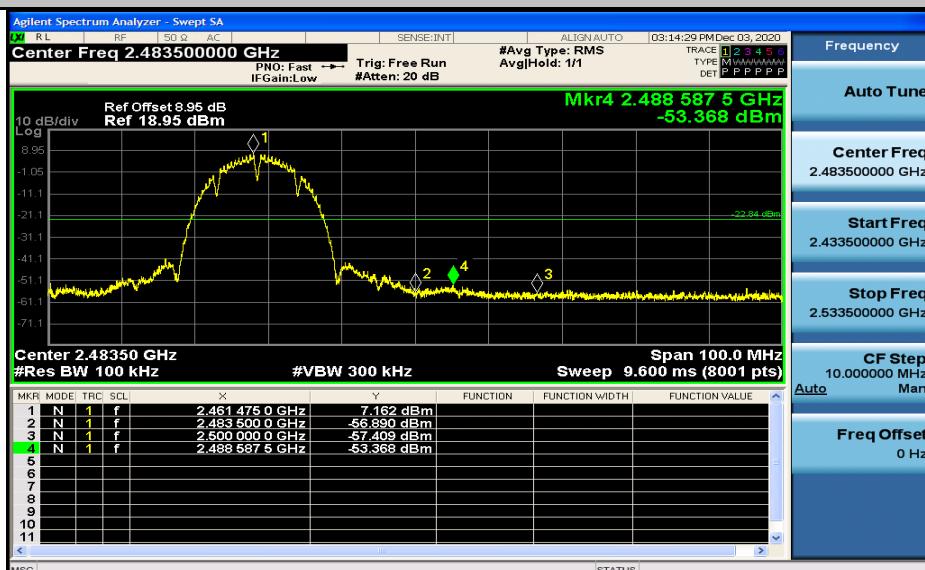
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## Band-edge for RF Conducted Emissions\_11B\_2412\_Ant1



## Band-edge for RF Conducted Emissions\_11B\_2462\_Ant1



## Band-edge for RF Conducted Emissions\_11G\_2412\_Ant1

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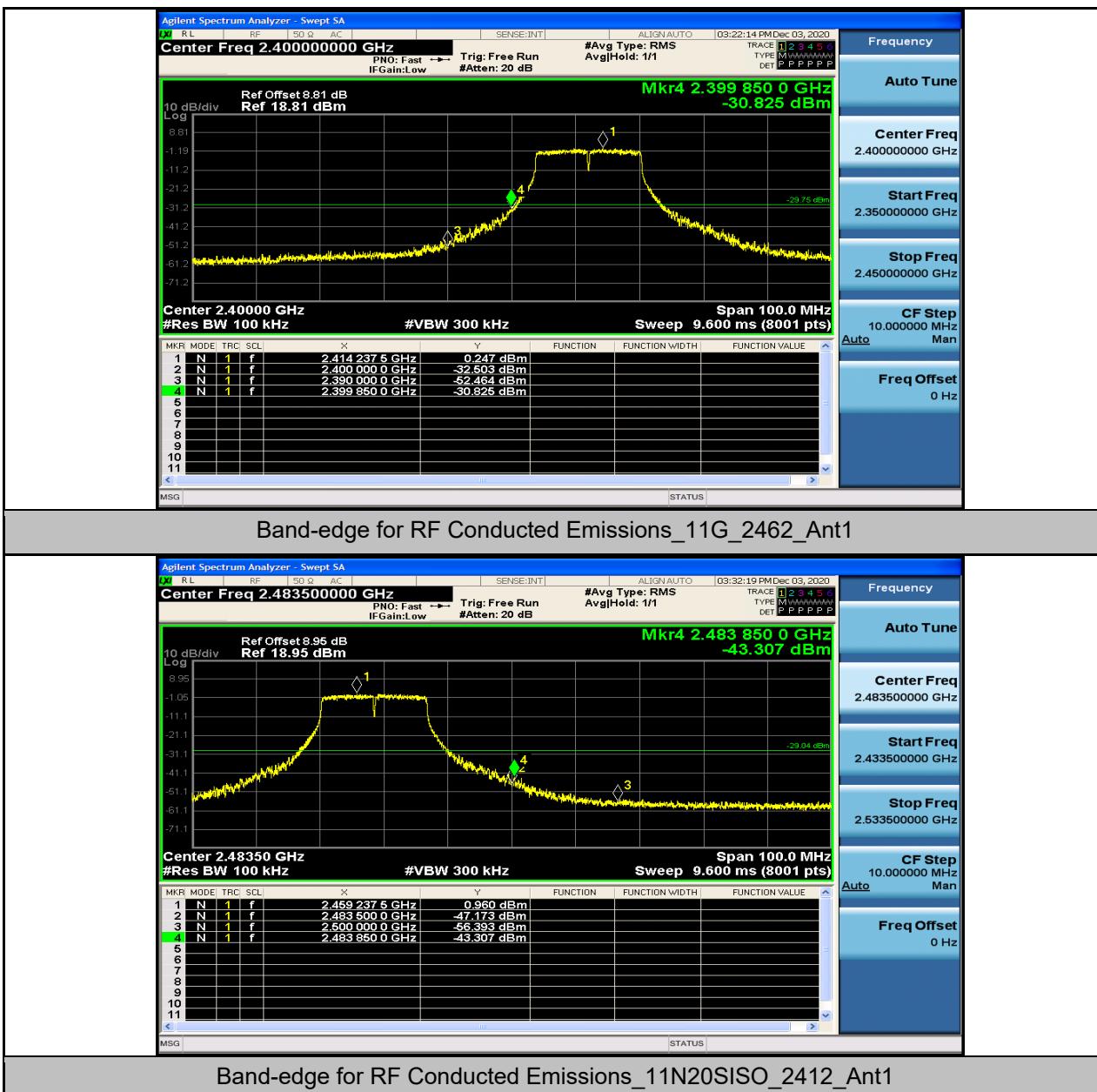


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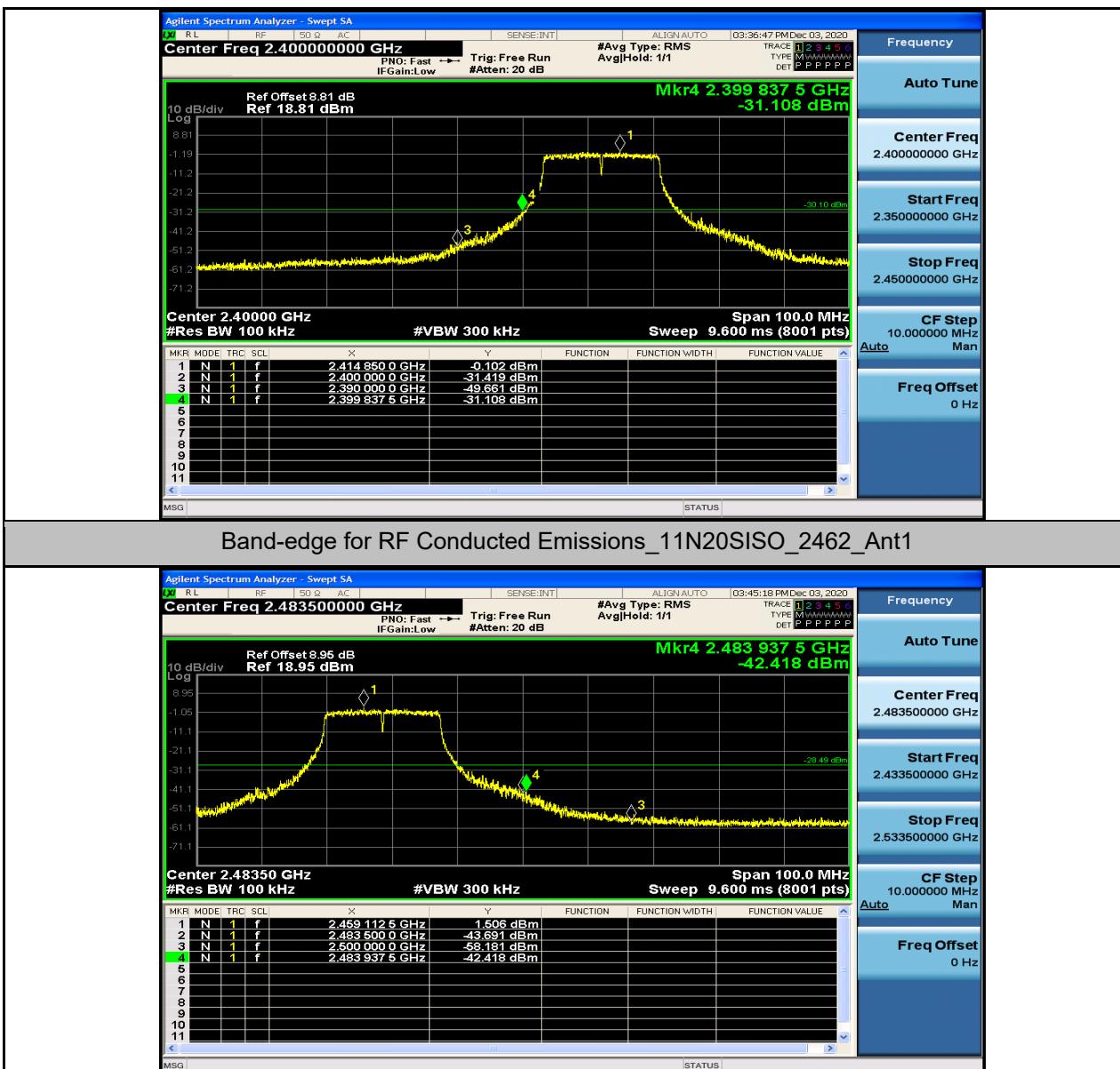


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**6.RF Conducted Spurious Emissions**

Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	6.21	-52.54	<- 23.79	PASS
11B	2412	Ant1	10000	26000	100	300	6.207	-44.264	<- 23.793	PASS
11B	2437	Ant1	30	10000	100	300	6.86	-54.17	<- 23.14	PASS
11B	2437	Ant1	10000	26000	100	300	6.863	-44.078	<- 23.137	PASS
11B	2462	Ant1	30	10000	100	300	7.07	-54.05	<- 22.94	PASS
11B	2462	Ant1	10000	26000	100	300	7.065	-44.196	<- 22.935	PASS
11G	2412	Ant1	30	10000	100	300	0.17	-54.53	<- 29.83	PASS
11G	2412	Ant1	10000	26000	100	300	0.166	-44.683	<- 29.834	PASS
11G	2437	Ant1	30	10000	100	300	0.95	-53.86	<- 29.05	PASS
11G	2437	Ant1	10000	26000	100	300	0.95	-43.678	<- 29.05	PASS
11G	2462	Ant1	30	10000	100	300	1.22	-53.84	<- 28.78	PASS
11G	2462	Ant1	10000	26000	100	300	1.219	-43.989	<- 28.781	PASS
11N20SISO	2412	Ant1	30	10000	100	300	0.63	-54.66	<- 29.37	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	0.63	-44.496	<- 29.37	PASS
11N20SISO	2437	Ant1	30	10000	100	300	1.15	-54.37	<- 28.85	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	1.151	-44.815	<- 28.849	PASS
11N20SISO	2462	Ant1	30	10000	100	300	1.28	-53.26	<- 28.73	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	1.275	-43.886	<- 28.725	PASS

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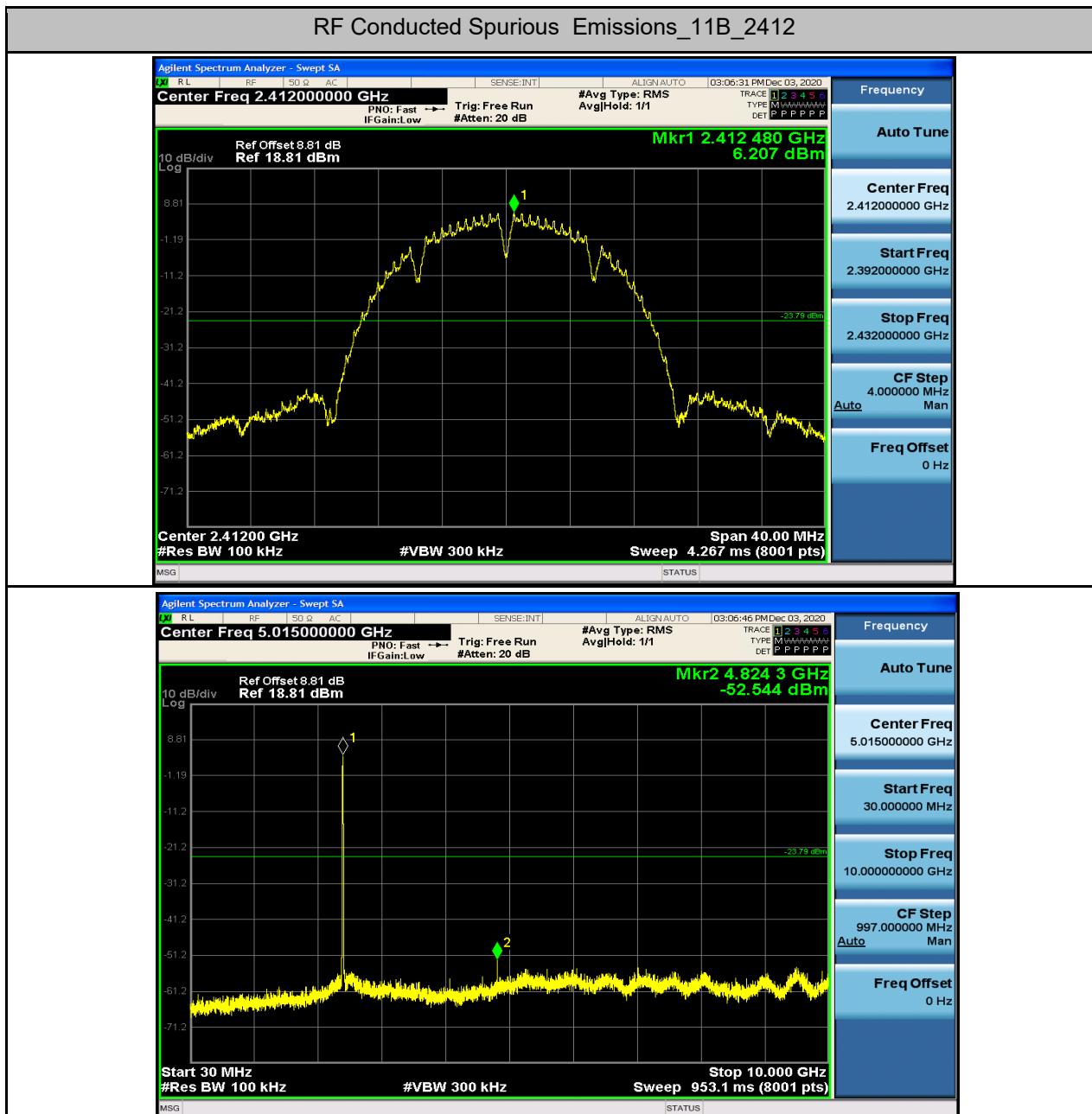
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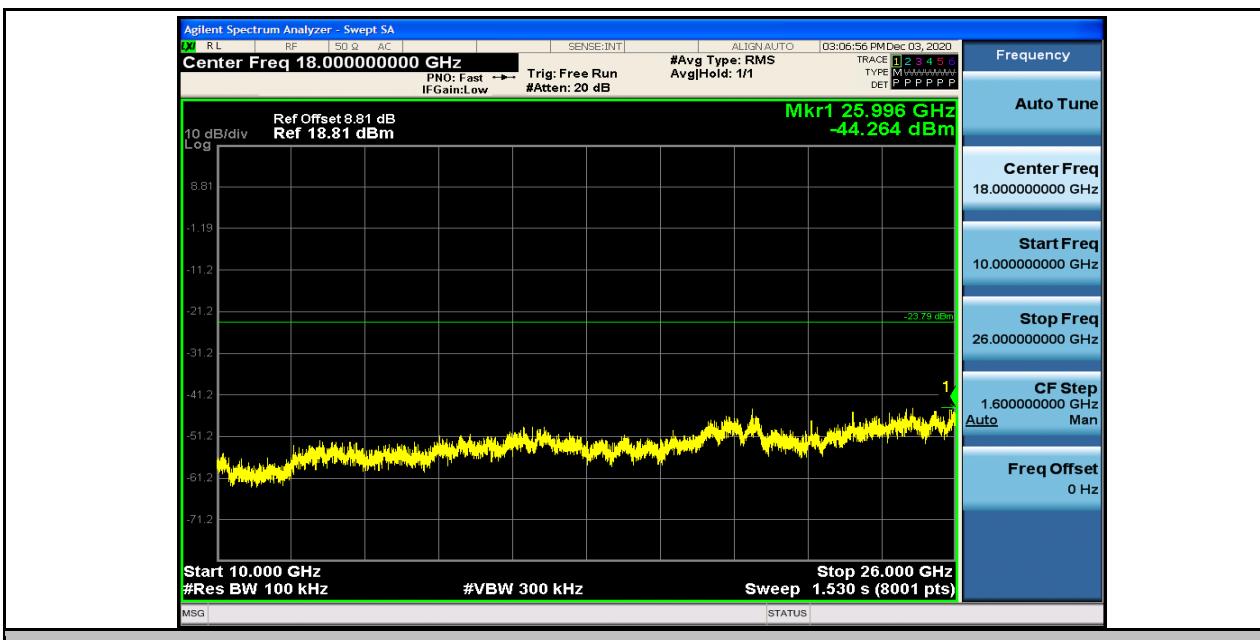
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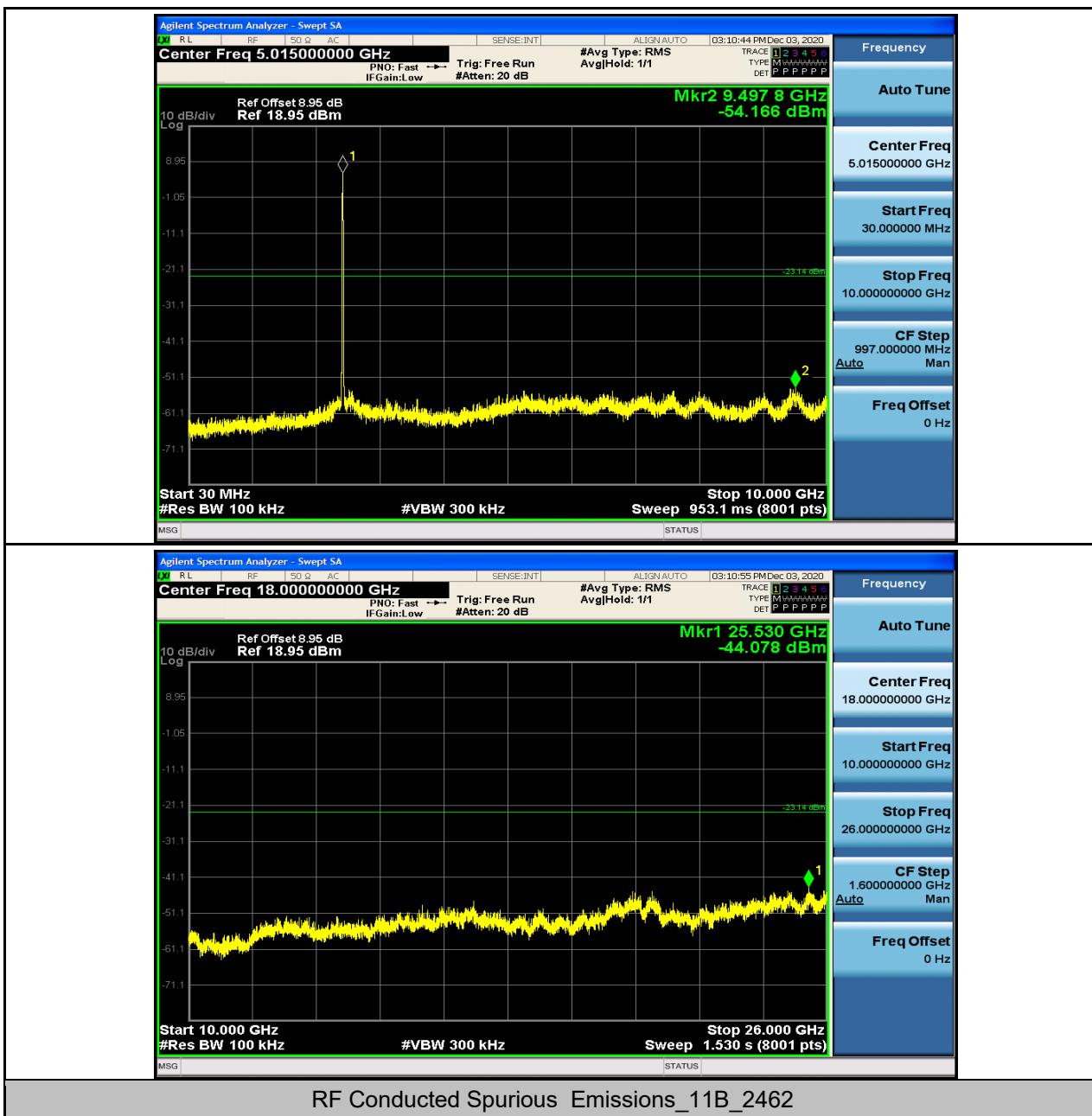


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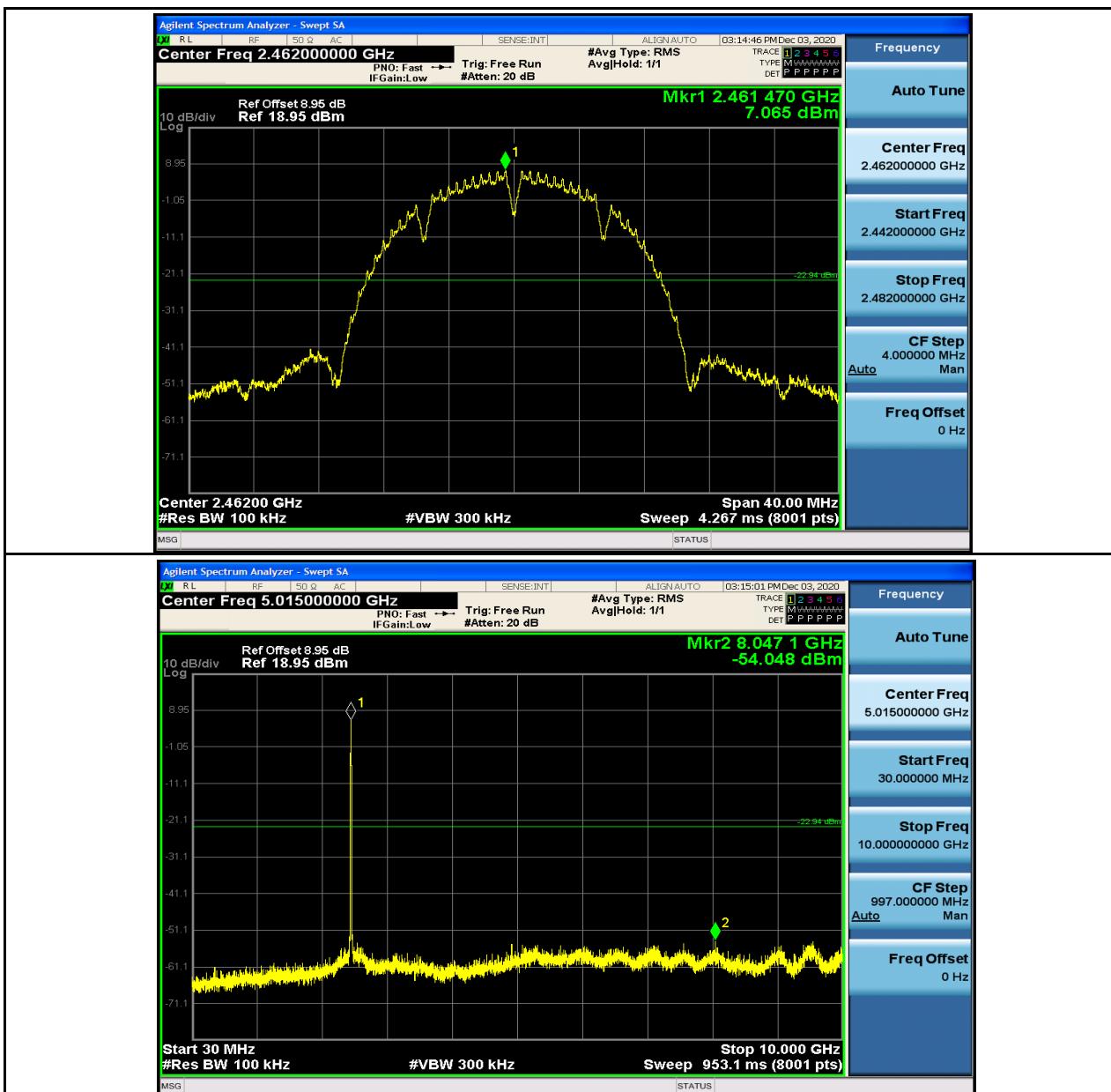
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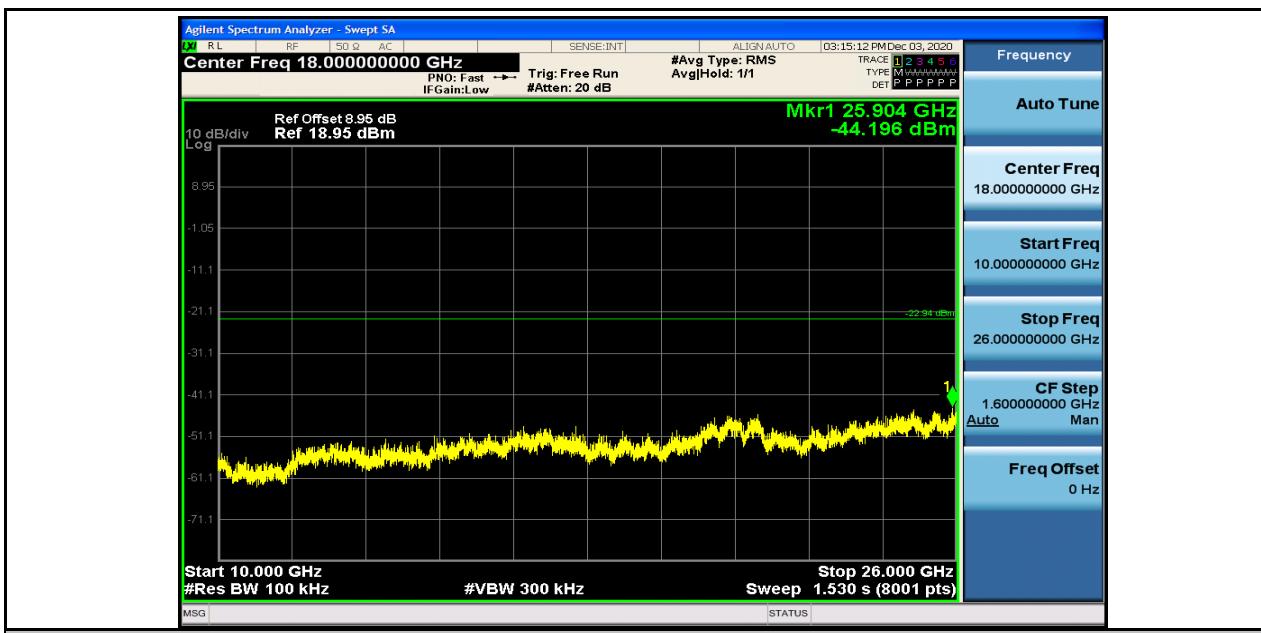


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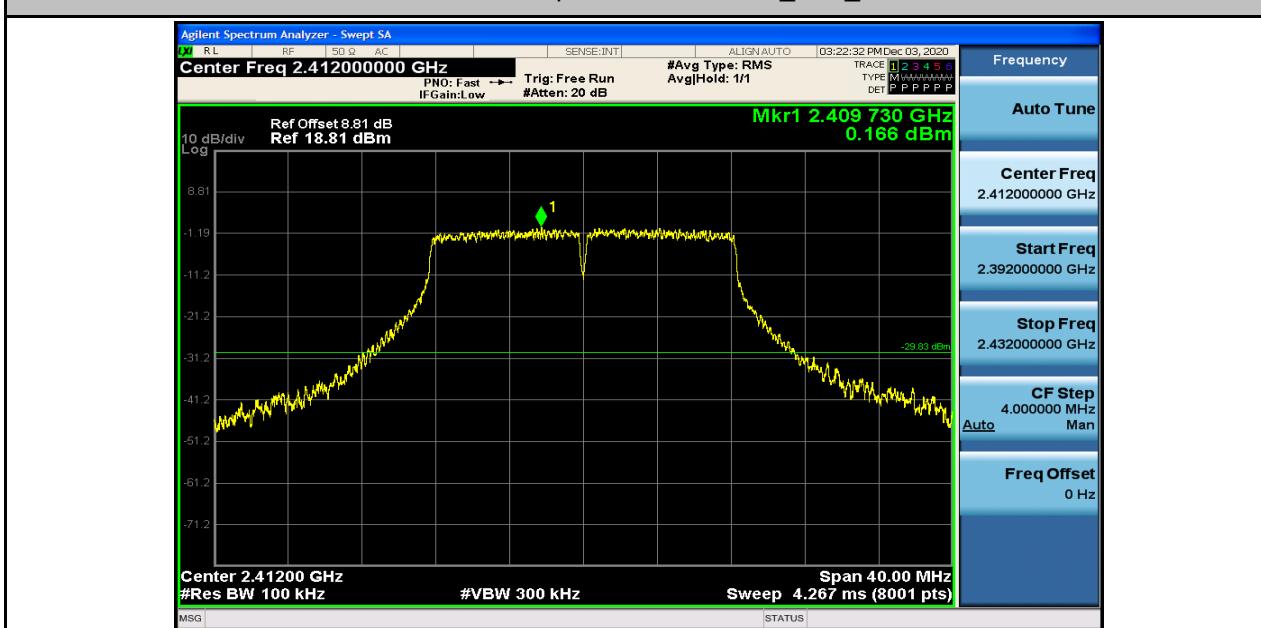
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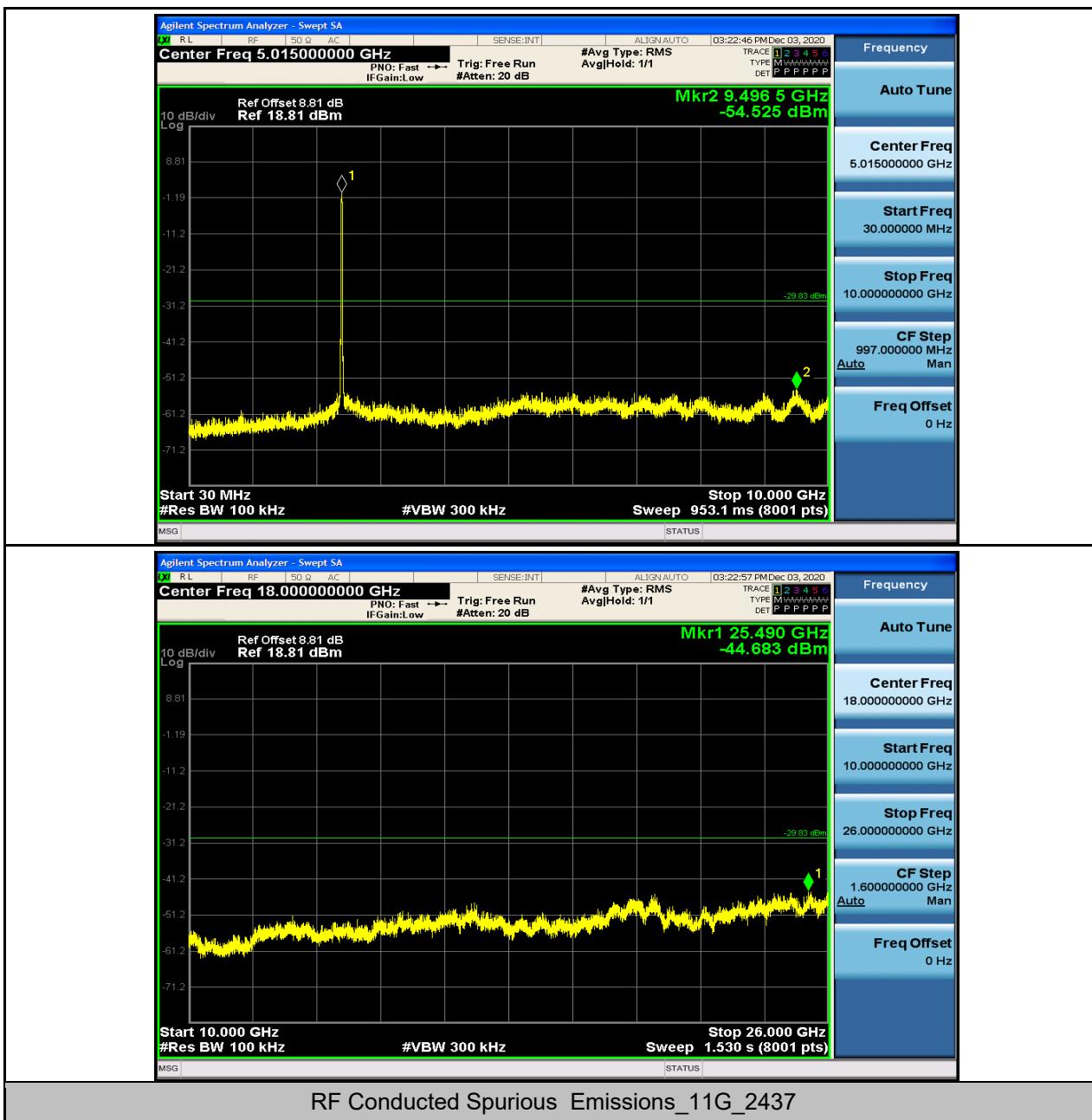
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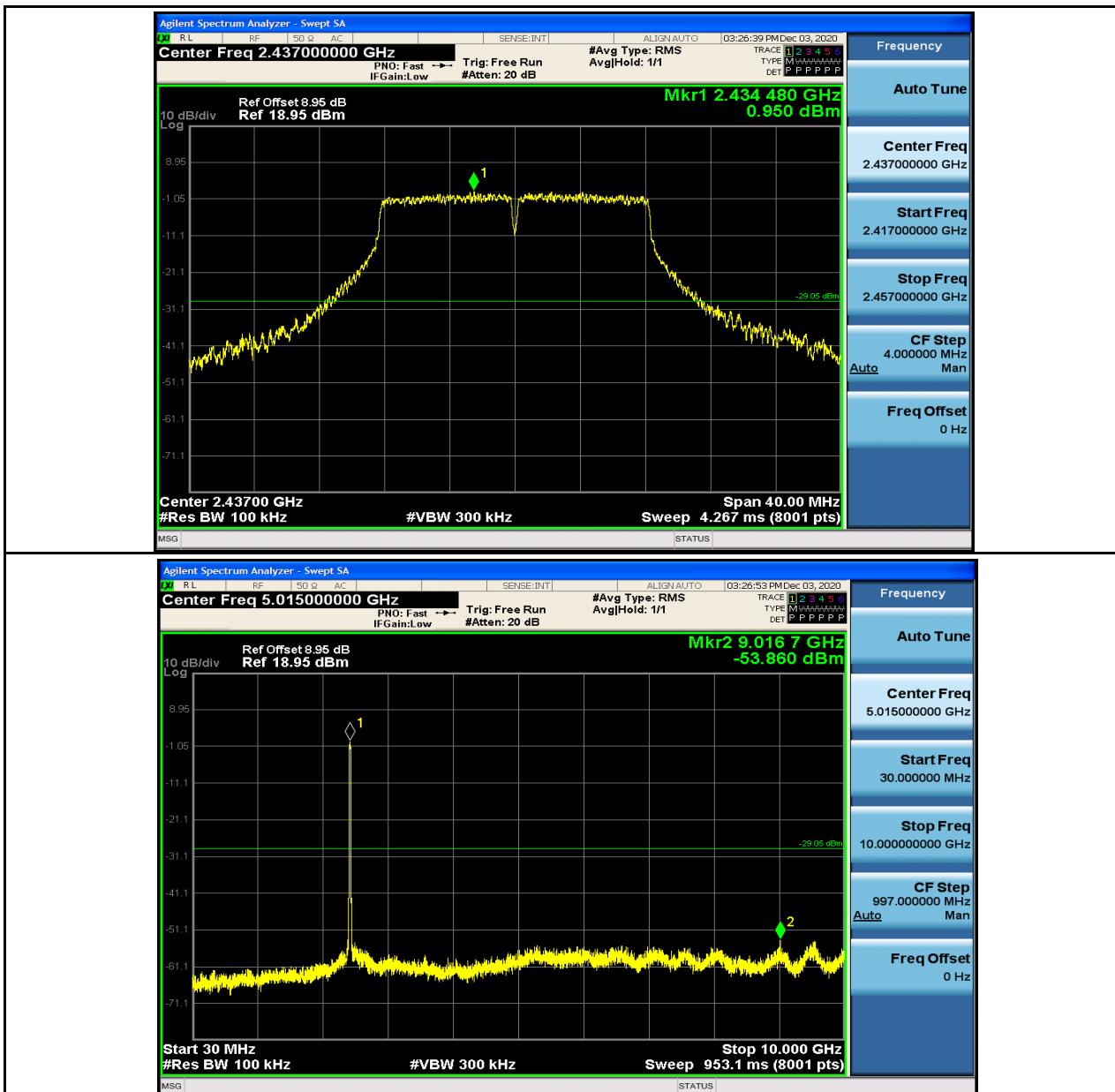


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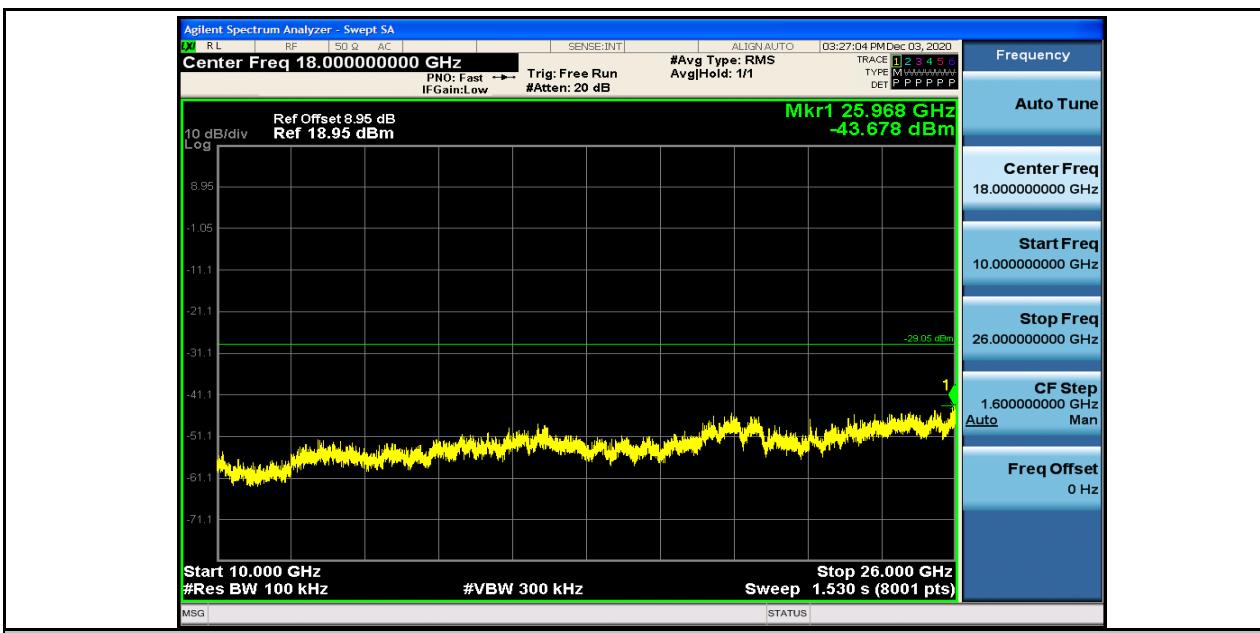


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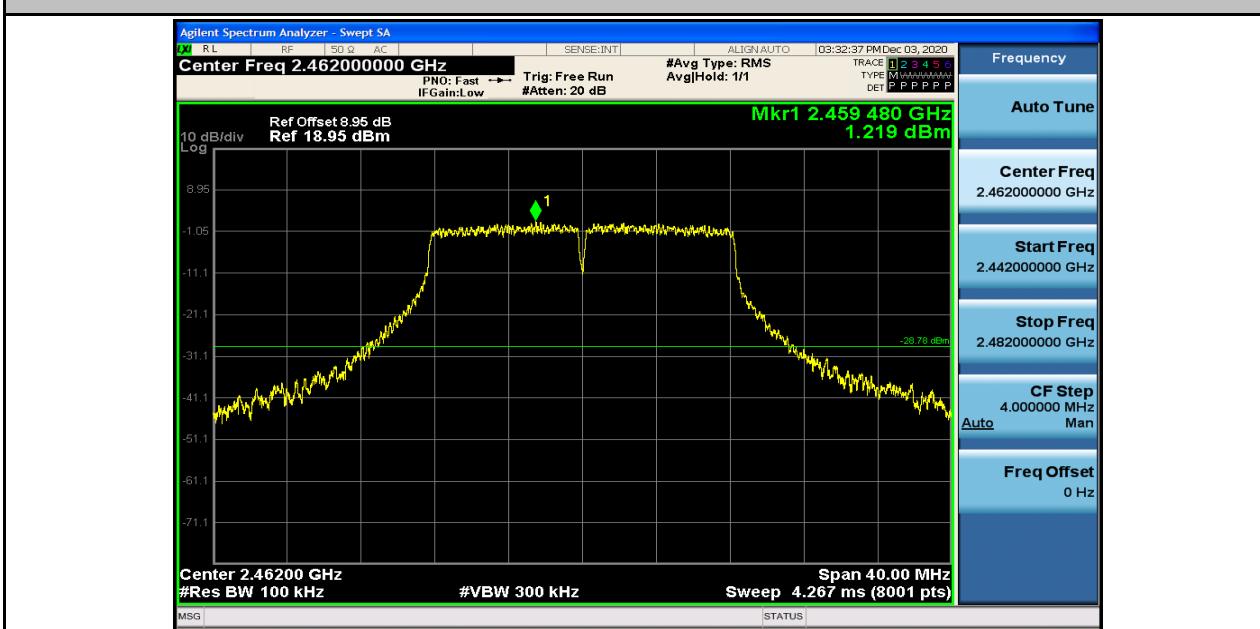
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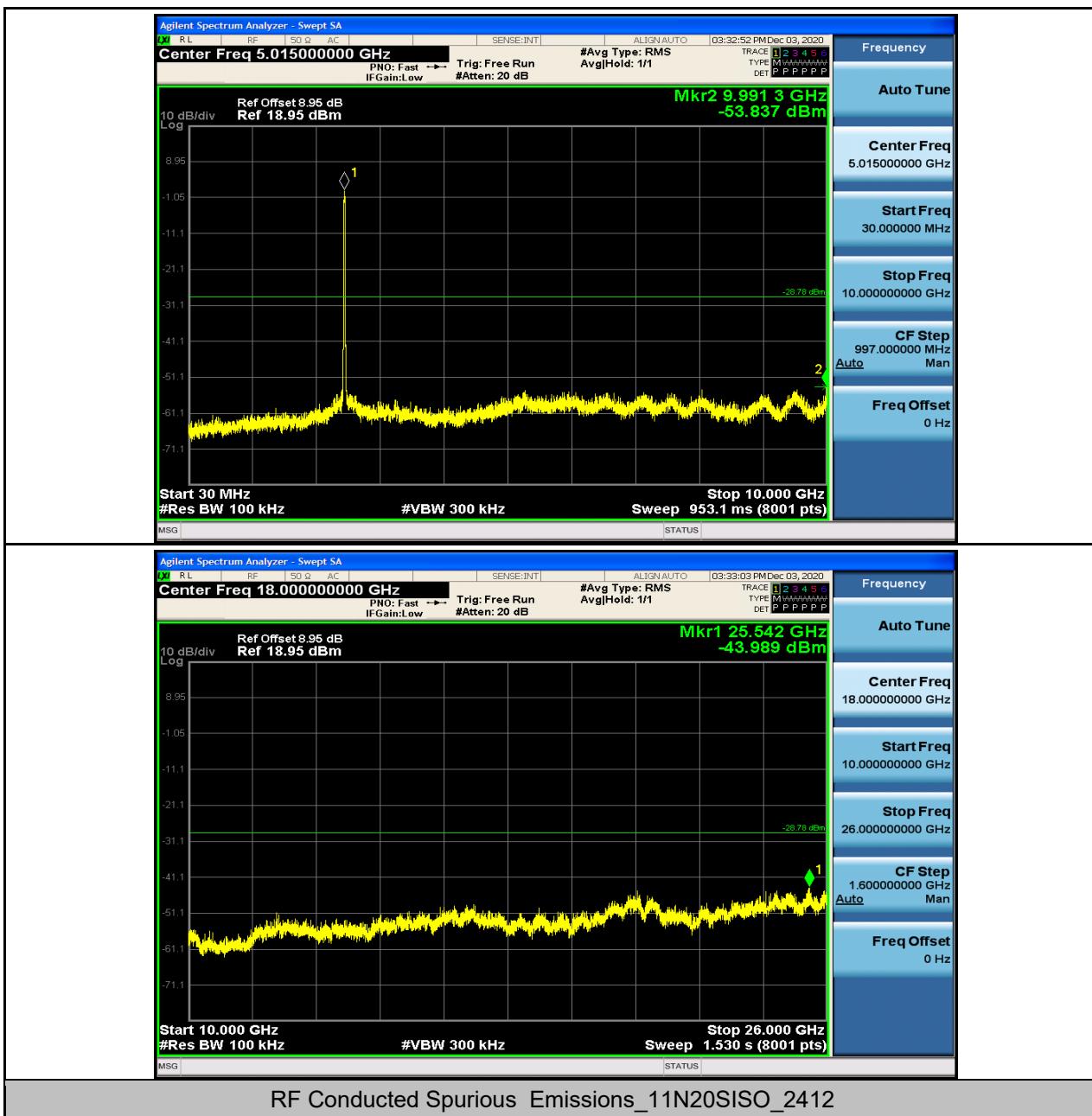


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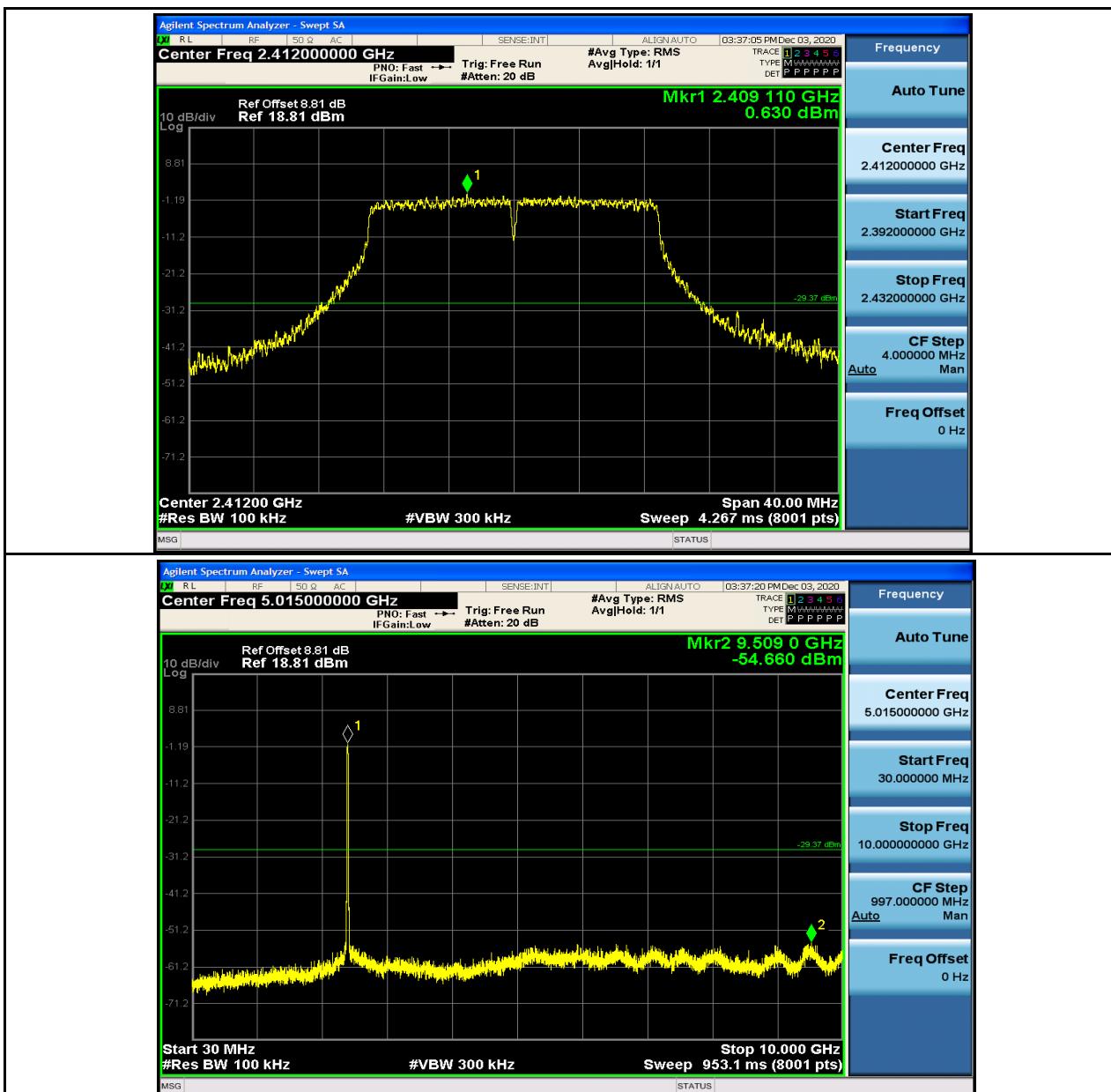
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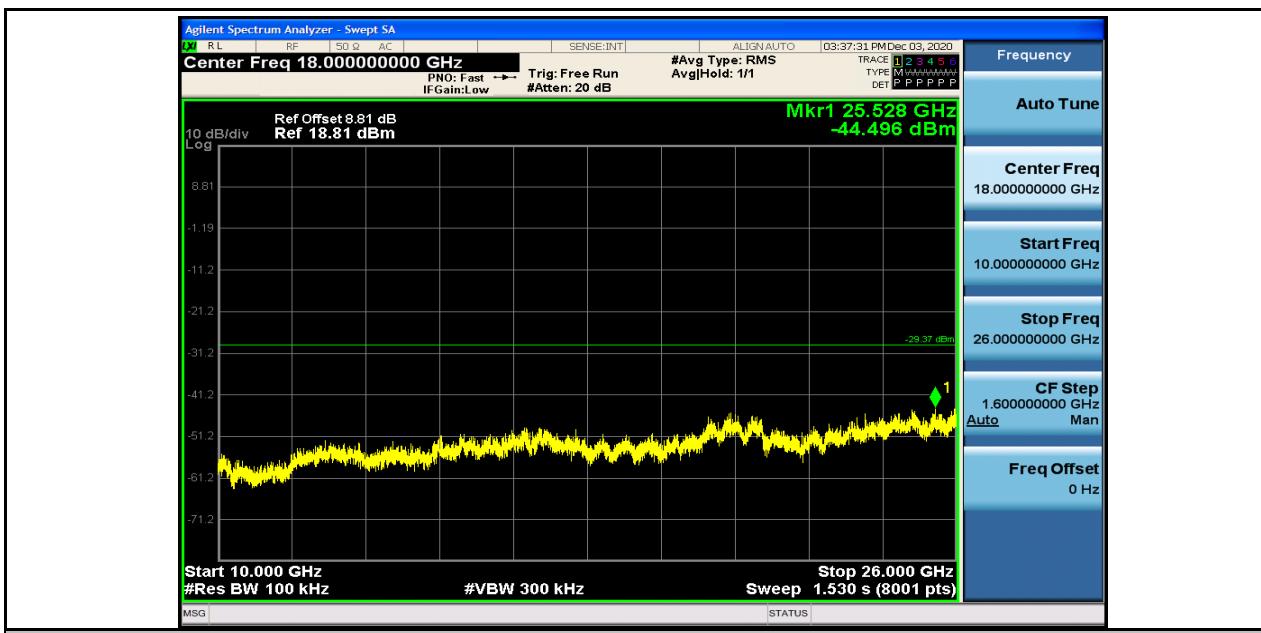
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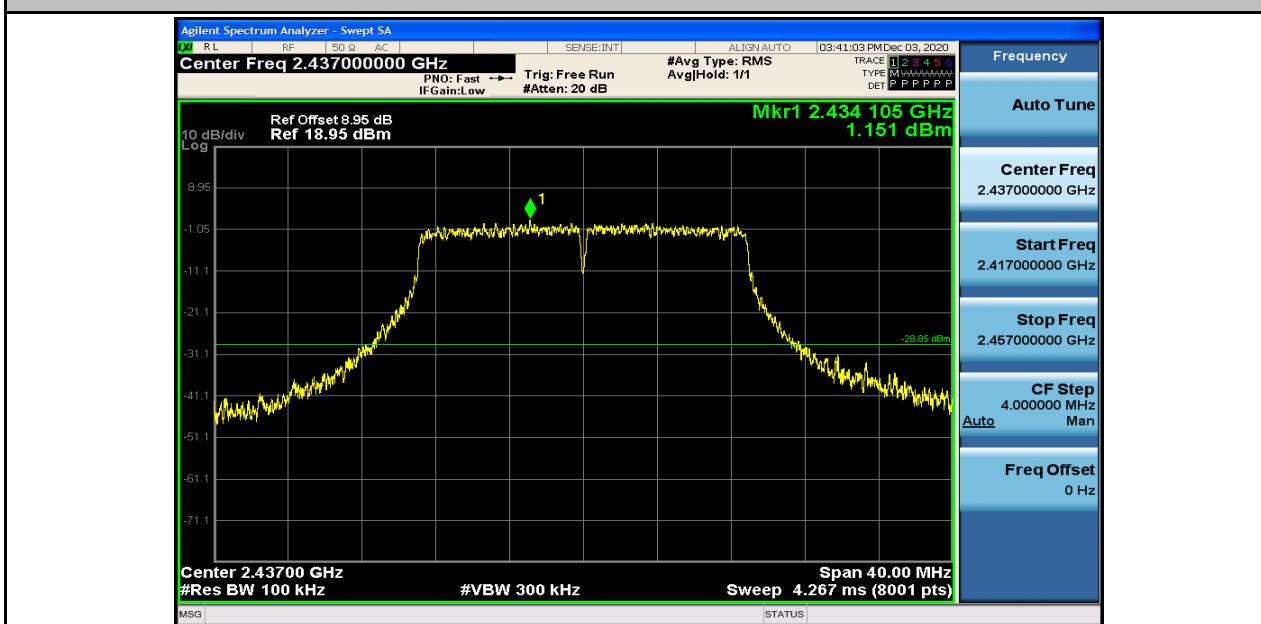


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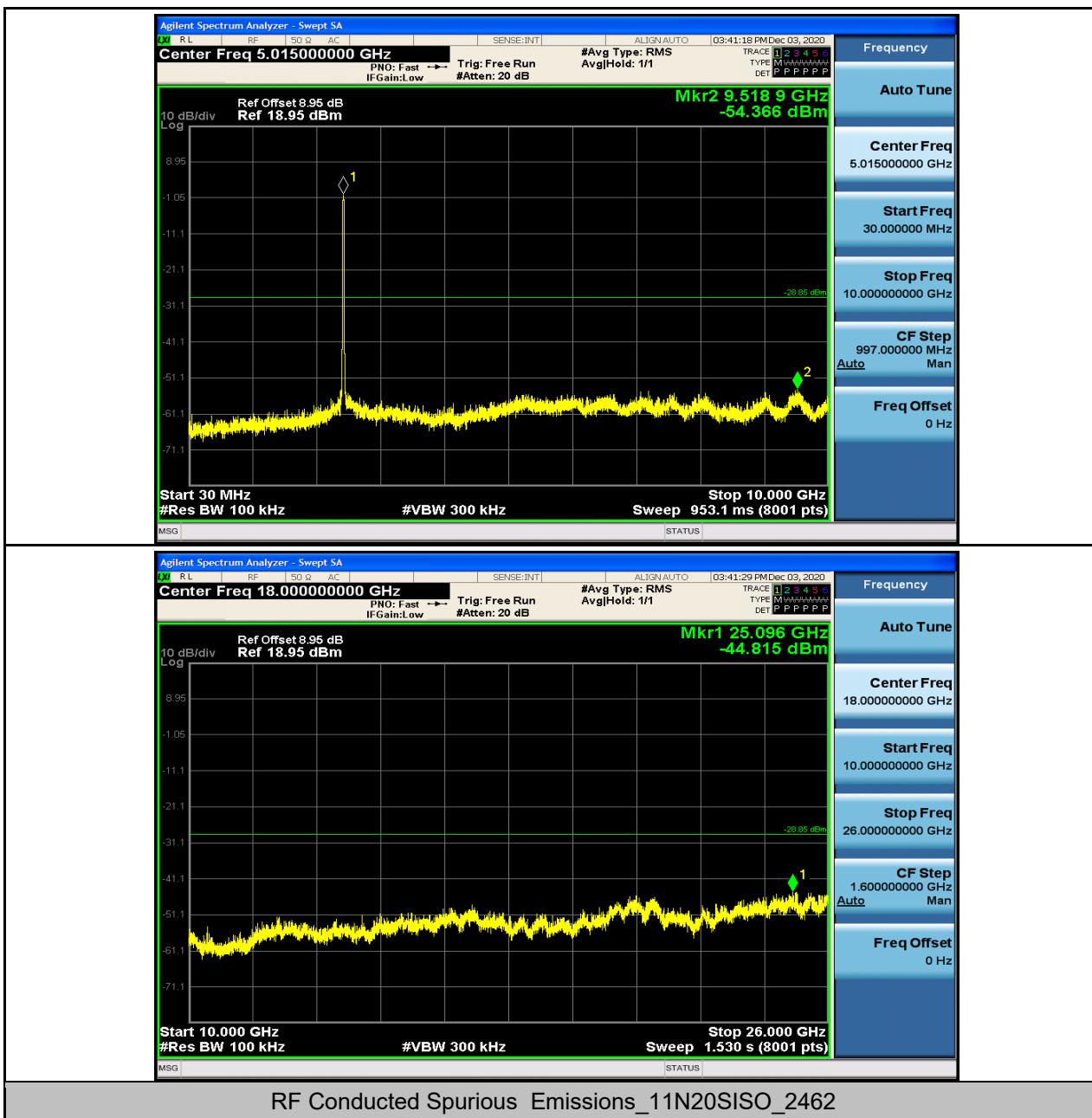


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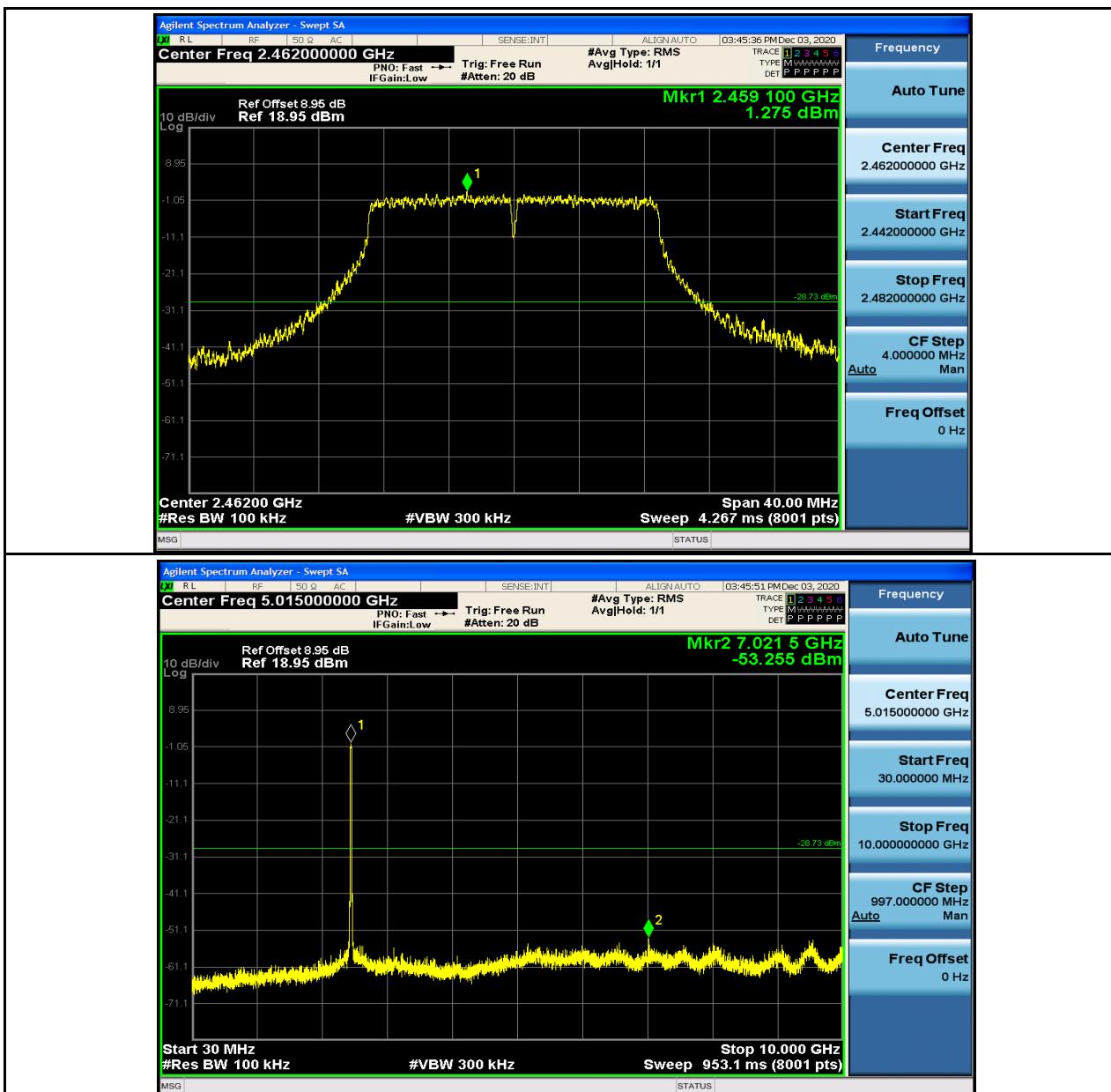
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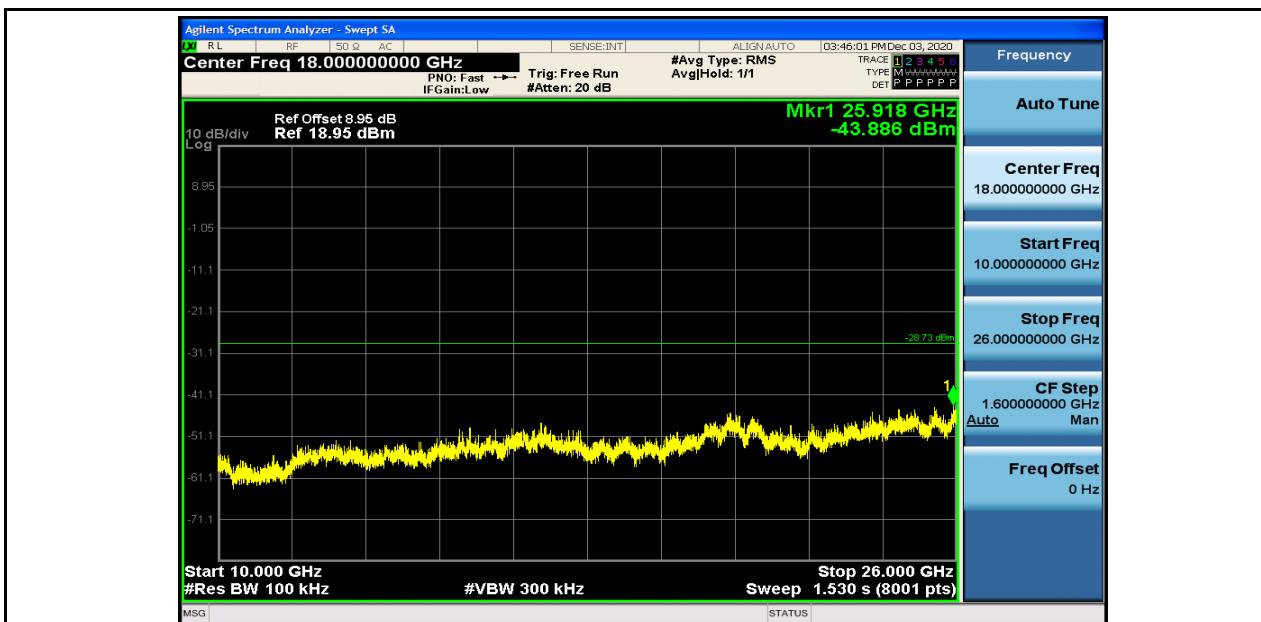
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## 7.Duty Cycle

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



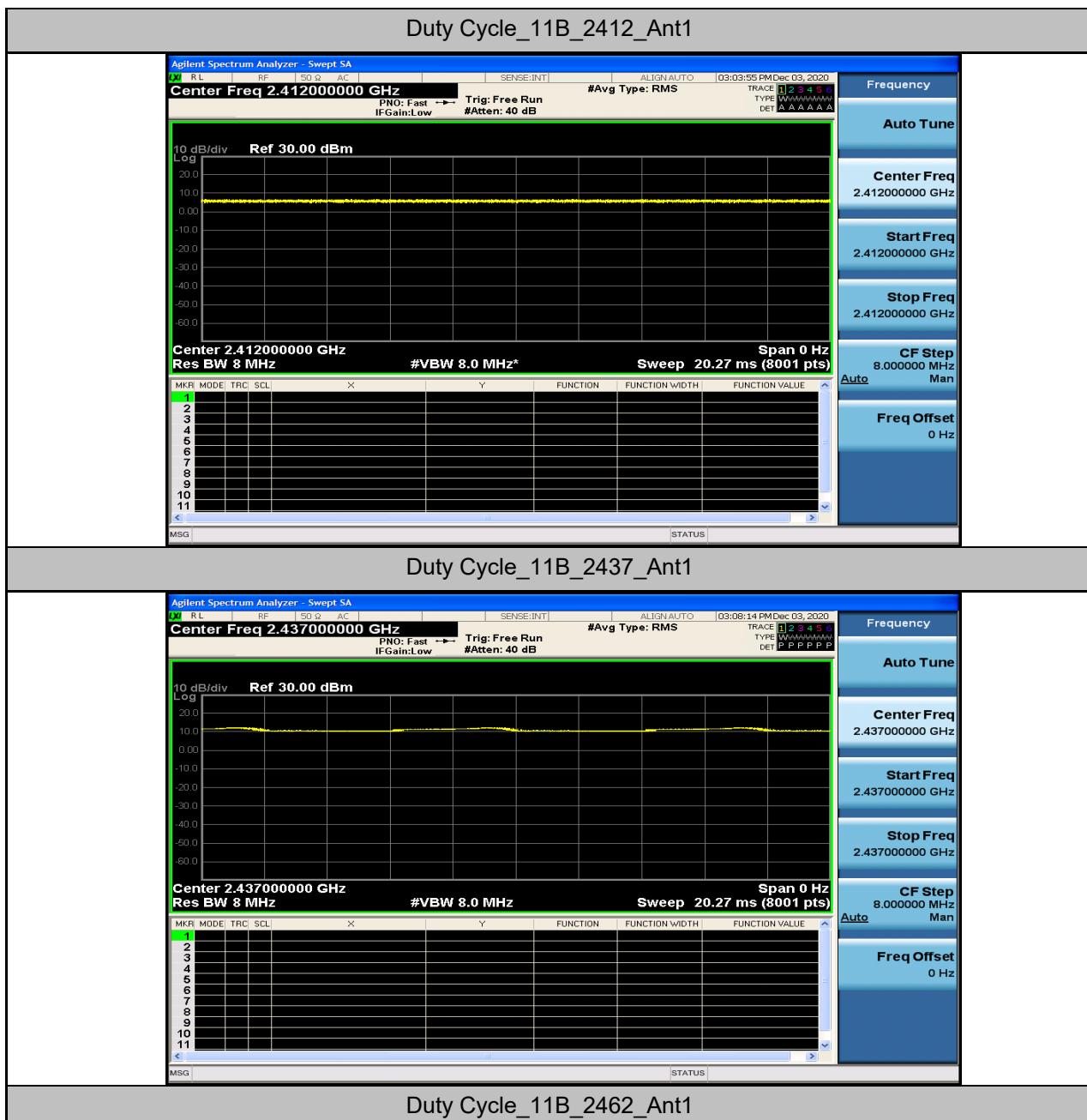
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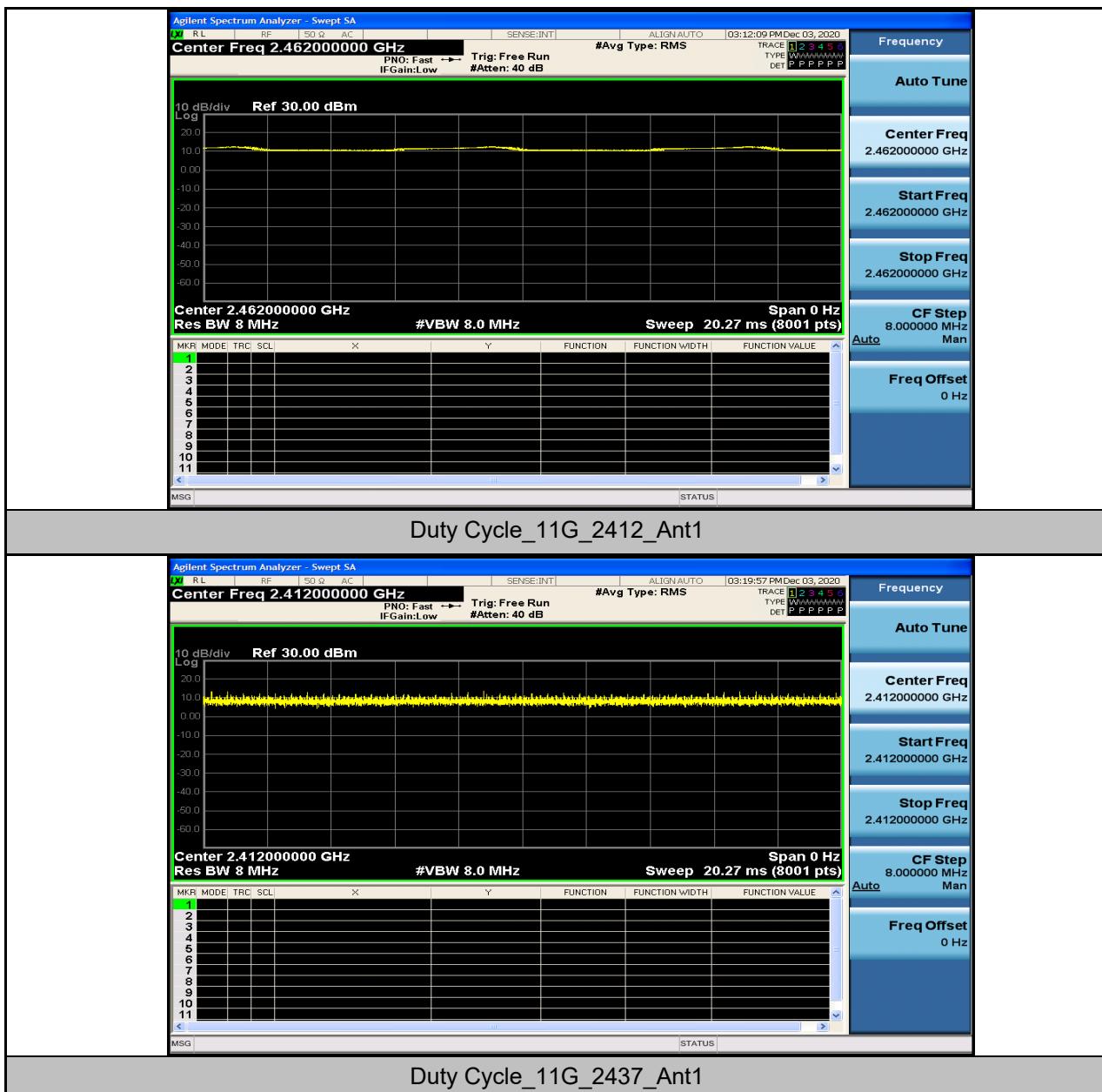


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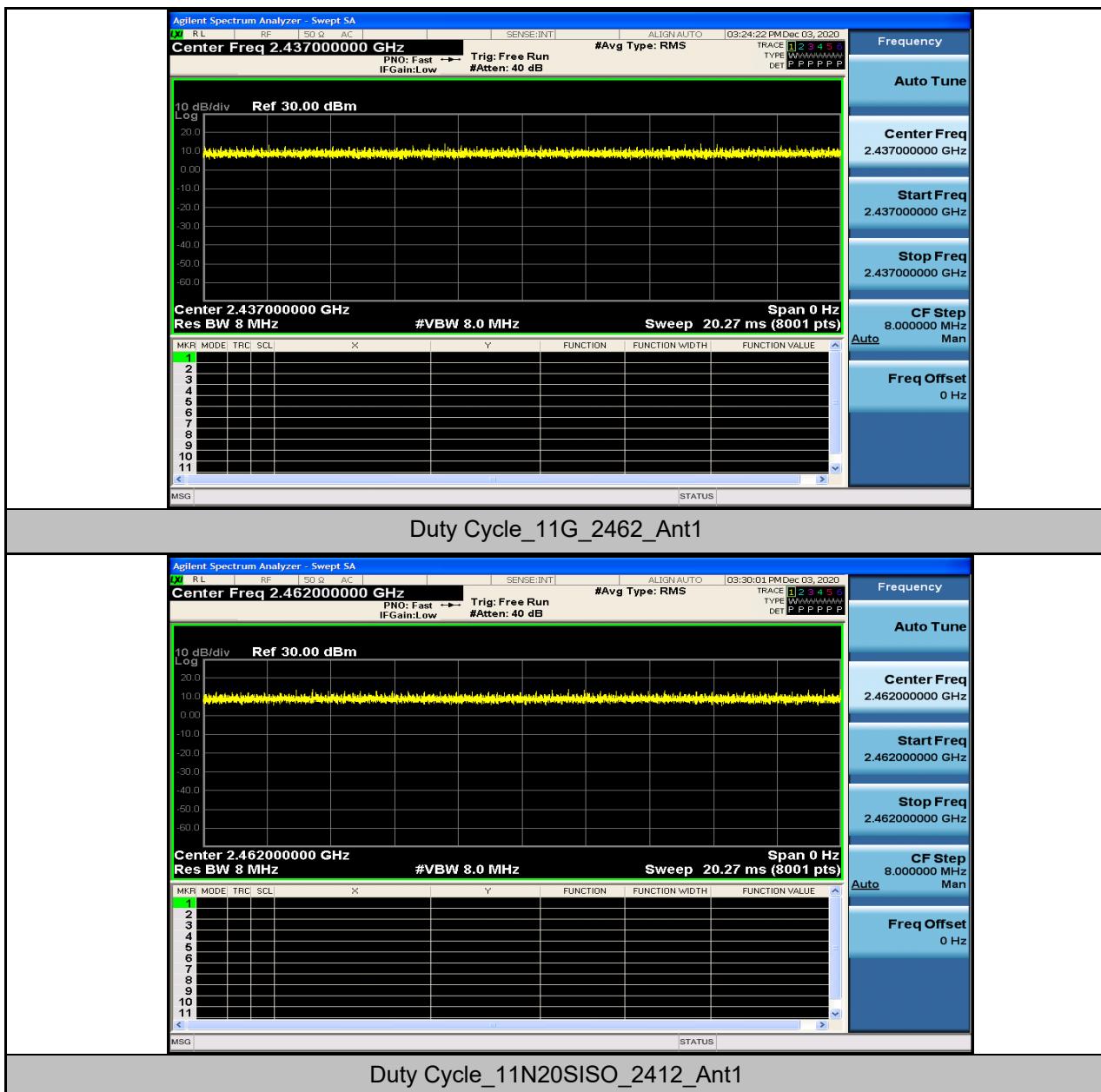
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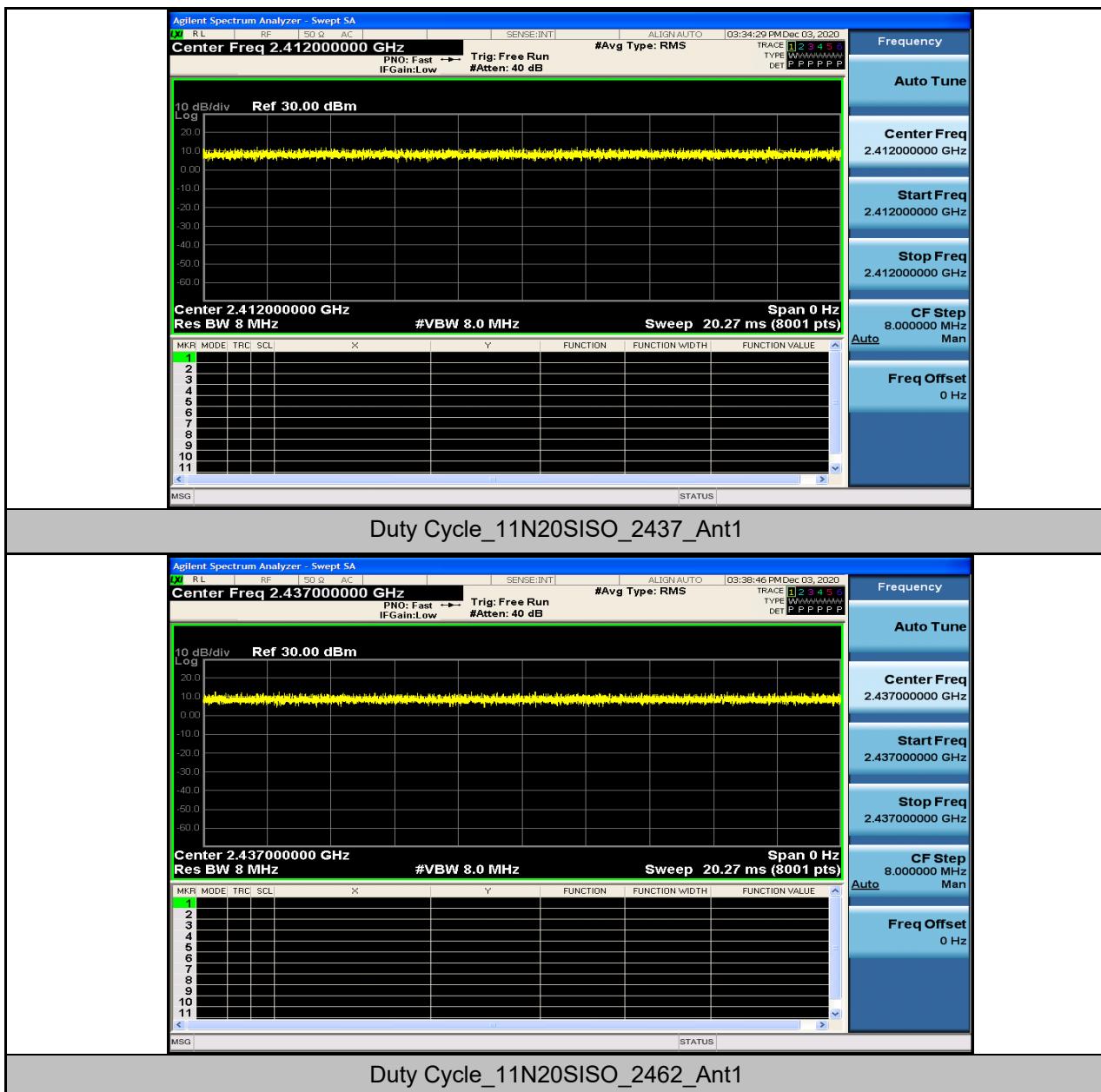
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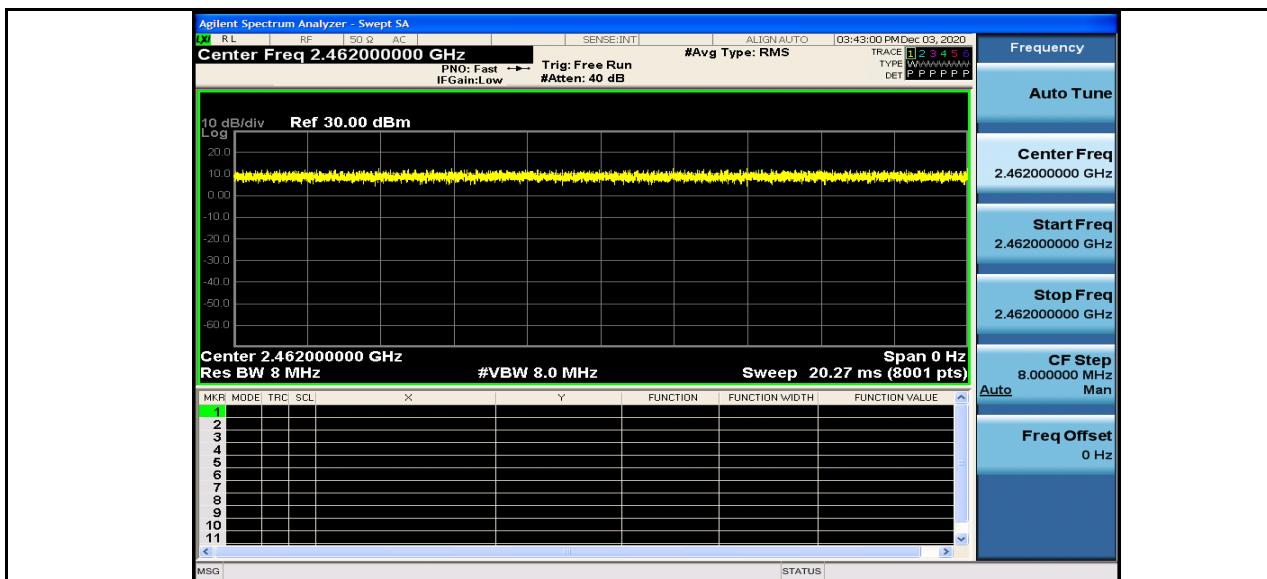
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