



Appendix A for SHCR220100001901

1.6dB Bandwidth

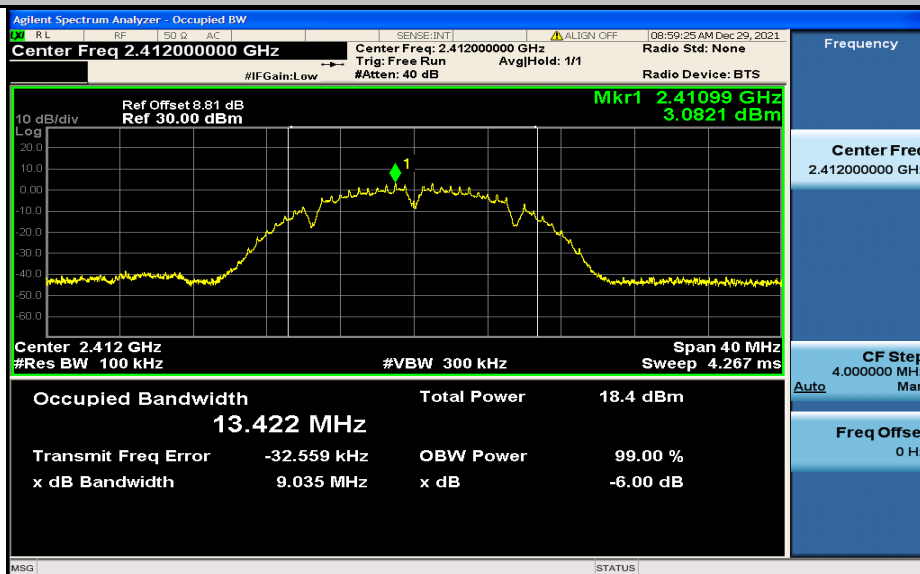
Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.04	0.5	PASS
11B	2437	Ant1	8.55	0.5	PASS
11B	2462	Ant1	8.56	0.5	PASS
11G	2412	Ant1	15.32	0.5	PASS
11G	2437	Ant1	15.11	0.5	PASS
11G	2462	Ant1	15.27	0.5	PASS
11N20SISO	2412	Ant1	15.35	0.5	PASS
11N20SISO	2437	Ant1	15.28	0.5	PASS
11N20SISO	2462	Ant1	15.14	0.5	PASS



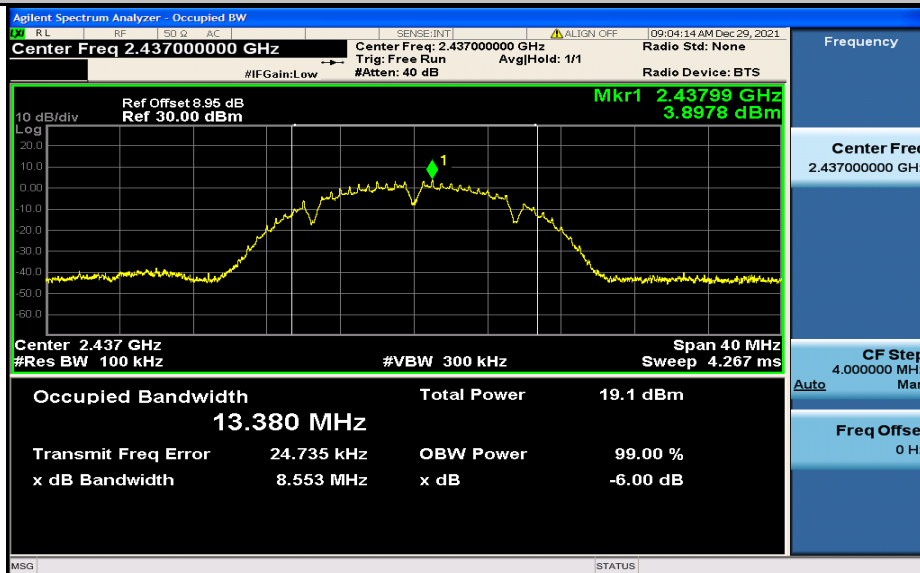
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6dB Bandwidth_11B_2412_Ant1



6dB Bandwidth_11B_2437_Ant1



6dB Bandwidth_11B_2462_Ant1

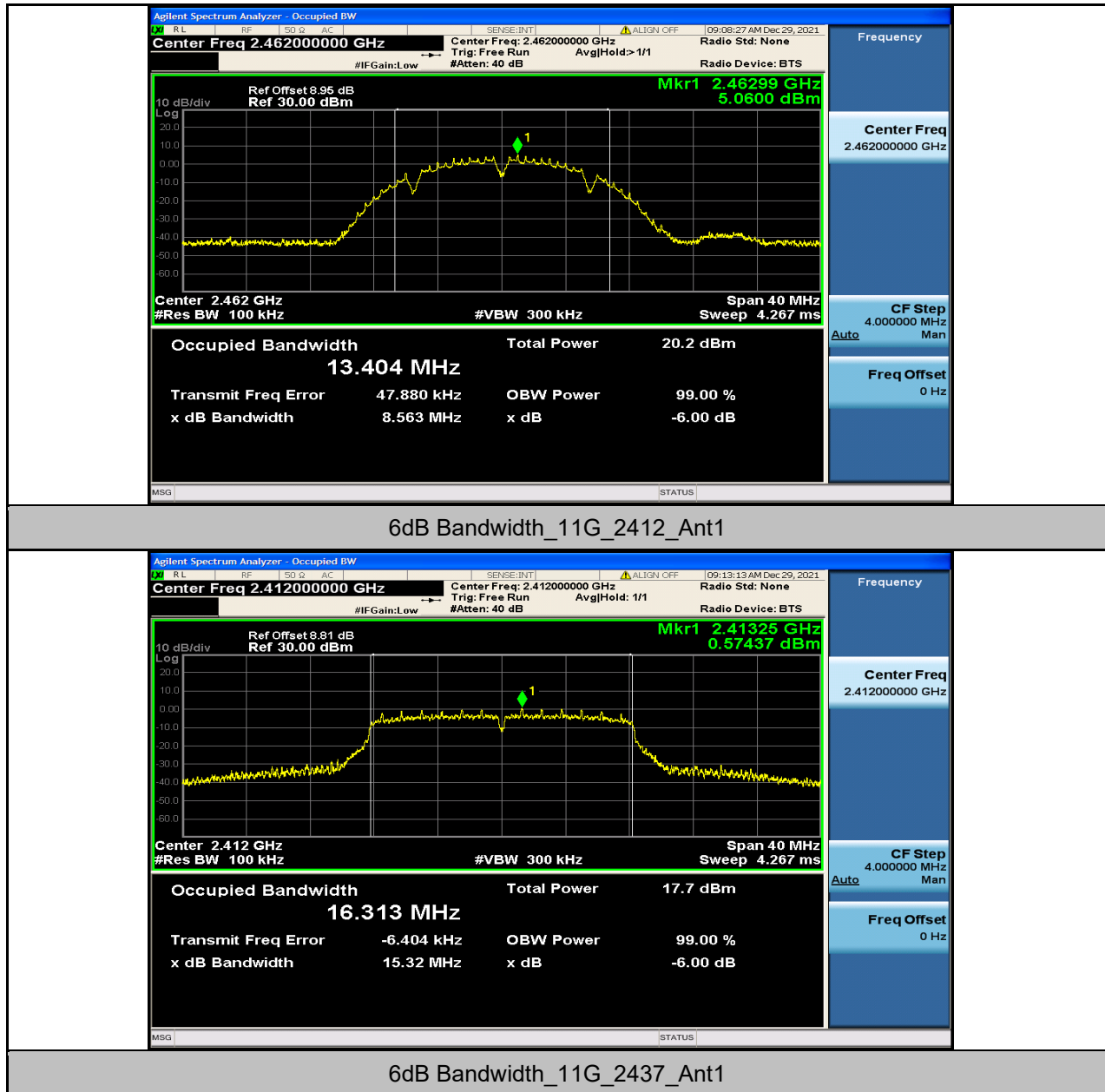


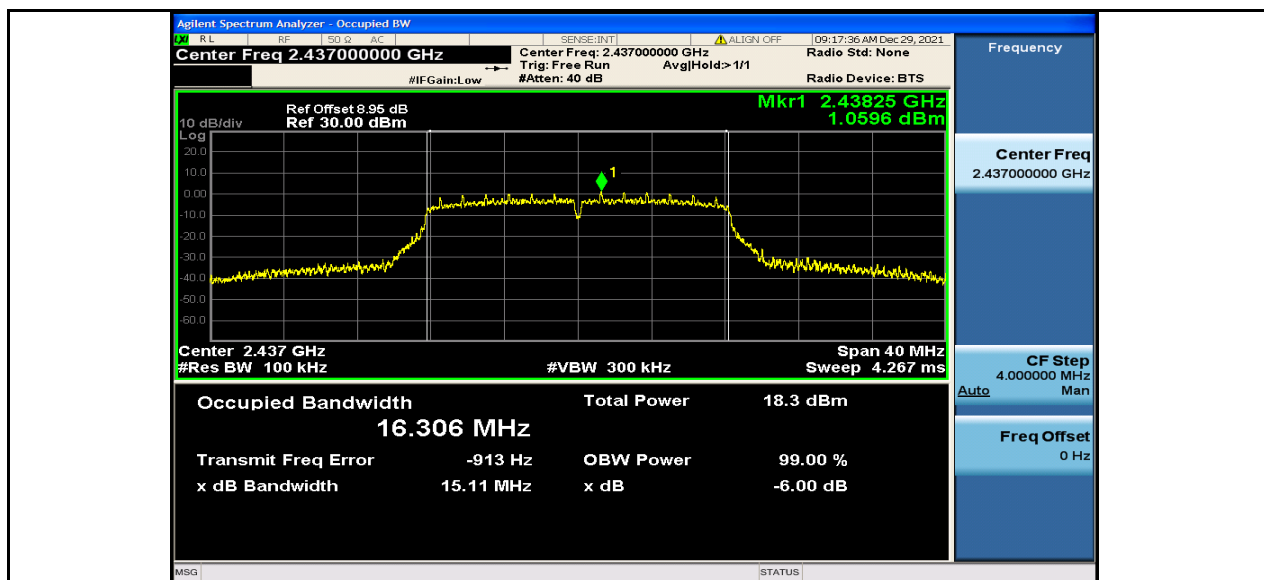
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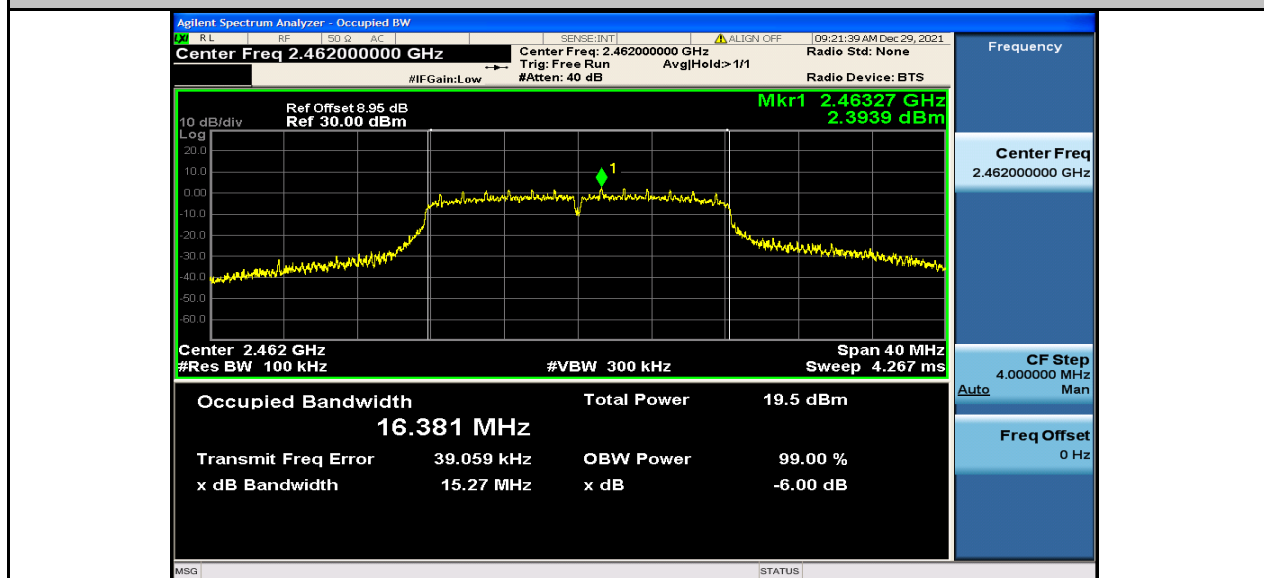
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6dB Bandwidth_11G_2462_Ant1



6dB Bandwidth_11N20SISO_2412_Ant1

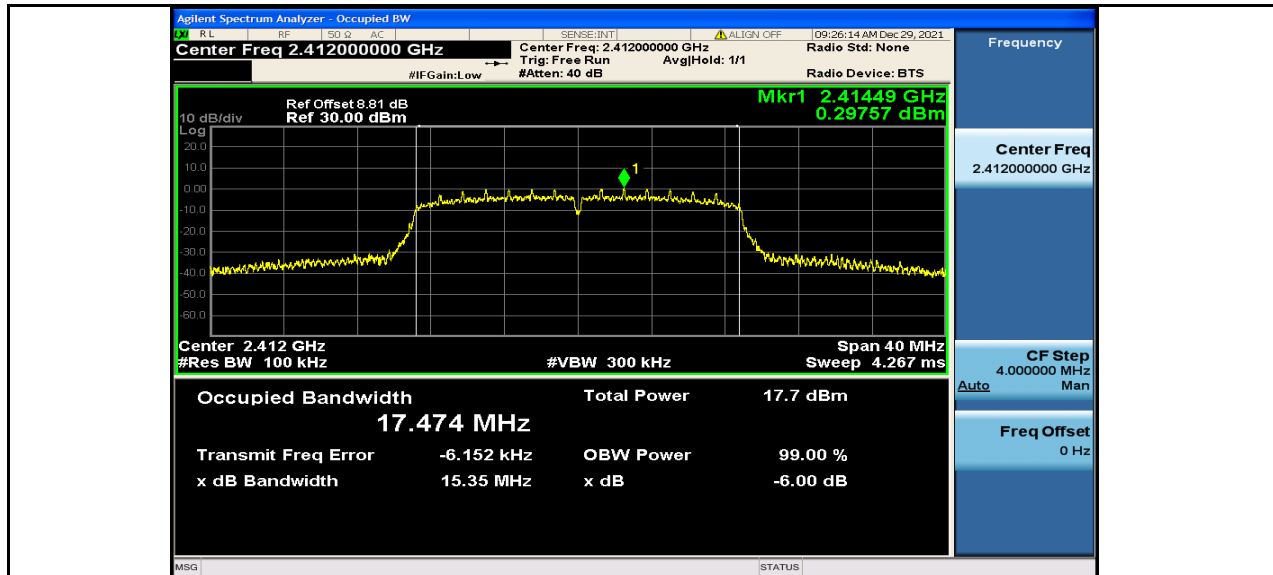


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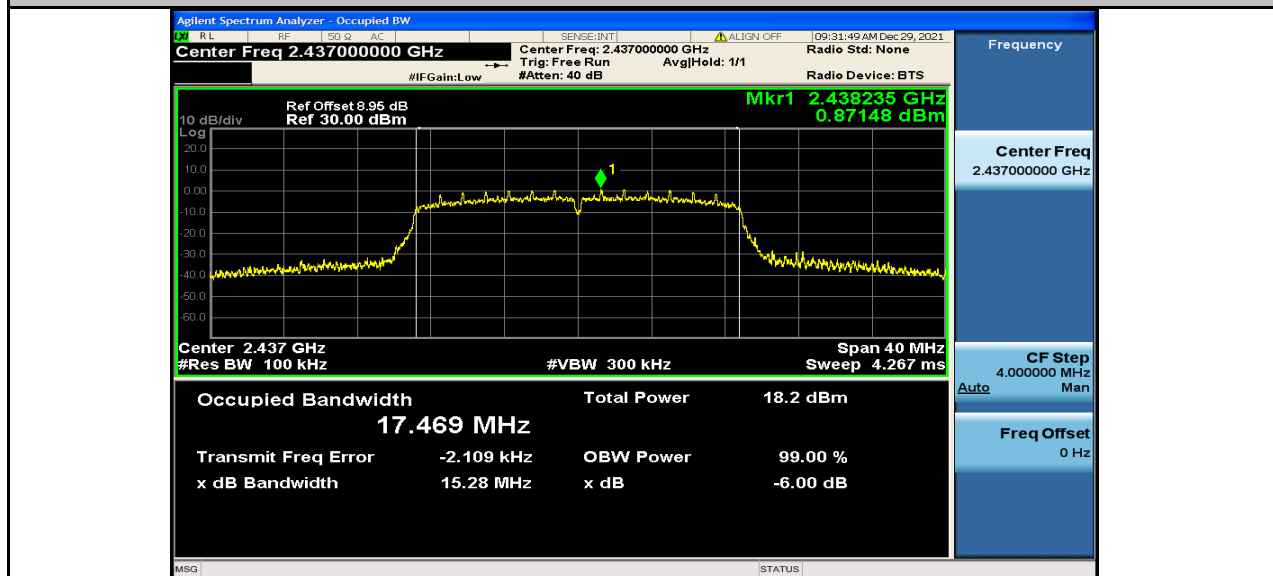
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6dB Bandwidth_11N20SISO_2437_Ant1



6dB Bandwidth_11N20SISO_2462_Ant1

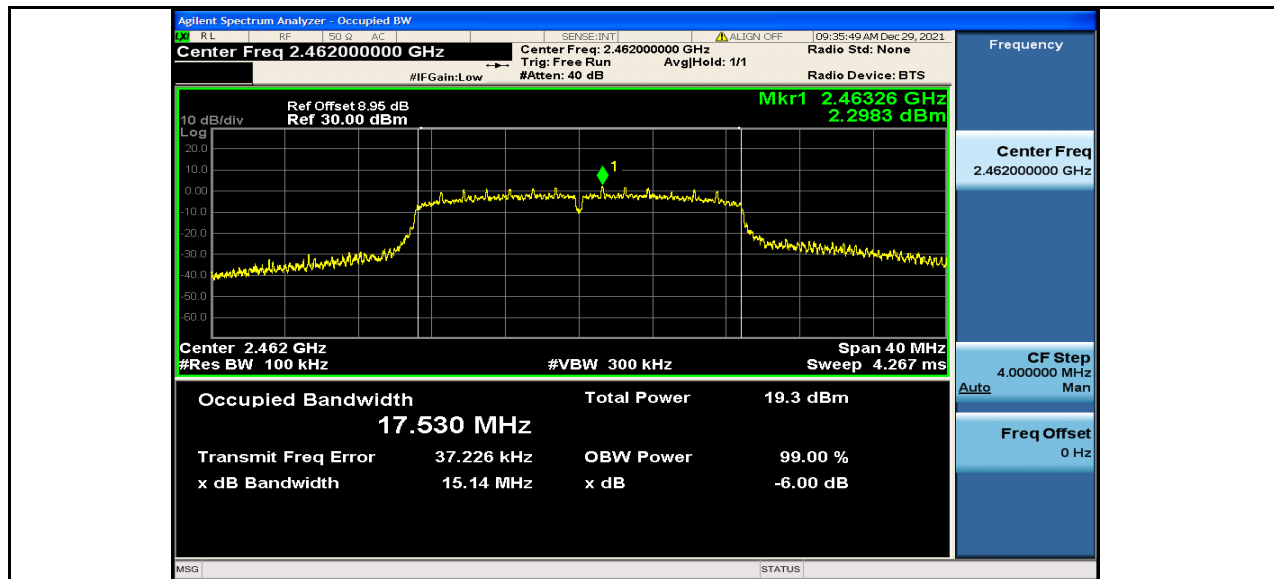


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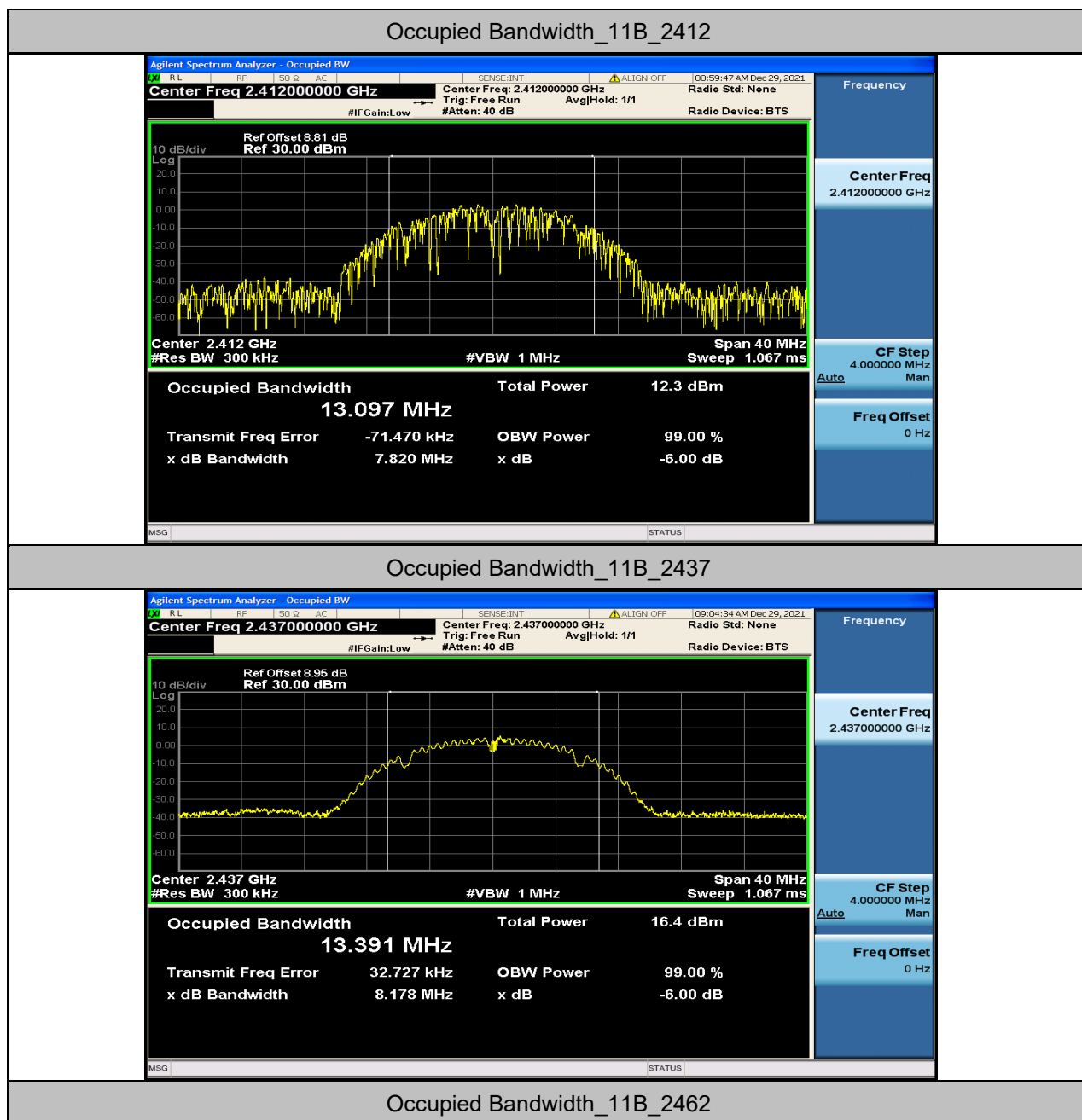


2.Occupied Bandwidth

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	Ant1	13.10	---	PASS
11B	2437	Ant1	13.39	---	PASS
11B	2462	Ant1	13.40	---	PASS
11G	2412	Ant1	16.55	---	PASS
11G	2437	Ant1	16.50	---	PASS
11G	2462	Ant1	16.76	---	PASS
11N20SISO	2412	Ant1	17.57	---	PASS
11N20SISO	2437	Ant1	17.55	---	PASS
11N20SISO	2462	Ant1	17.71	---	PASS



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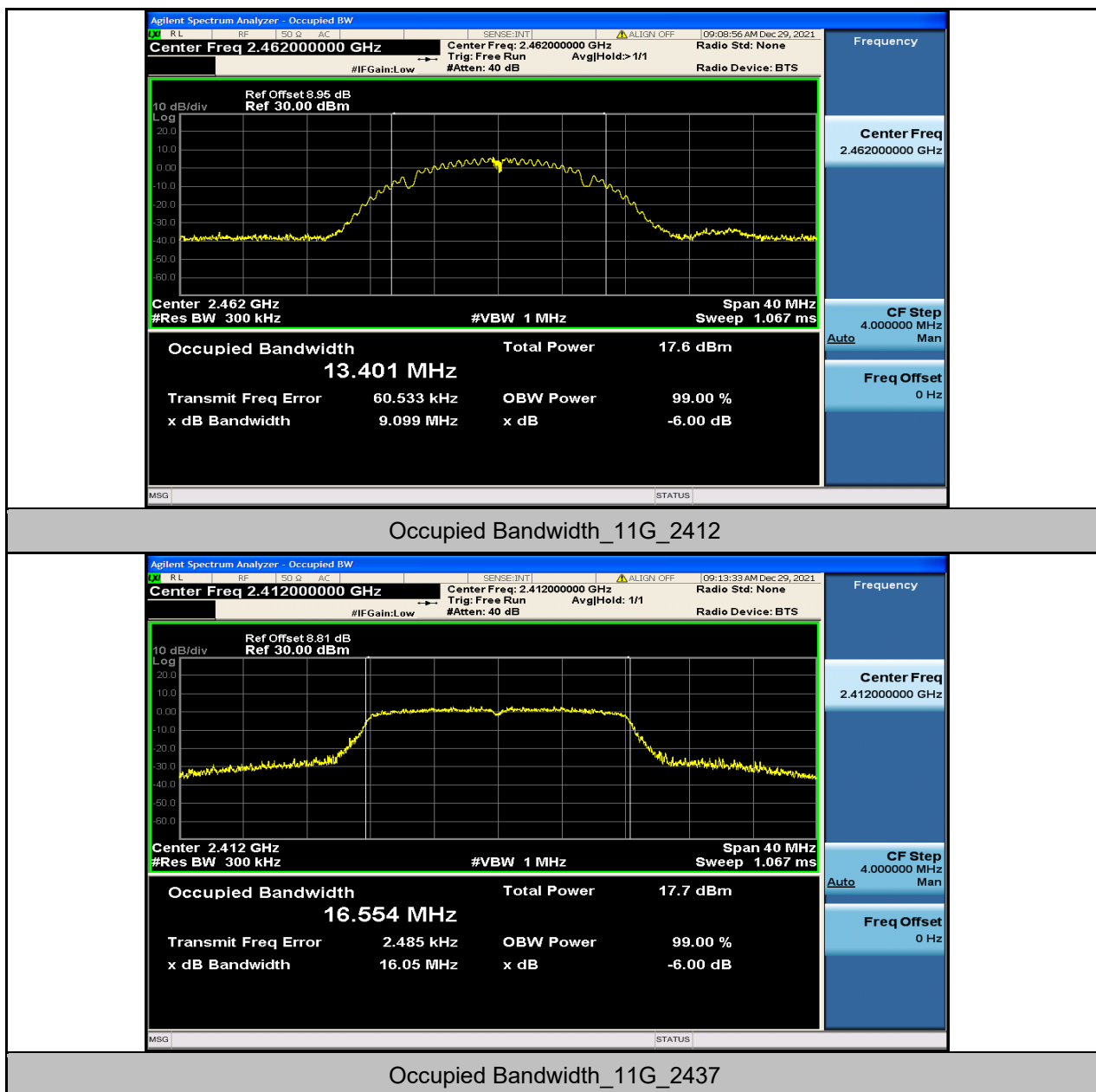


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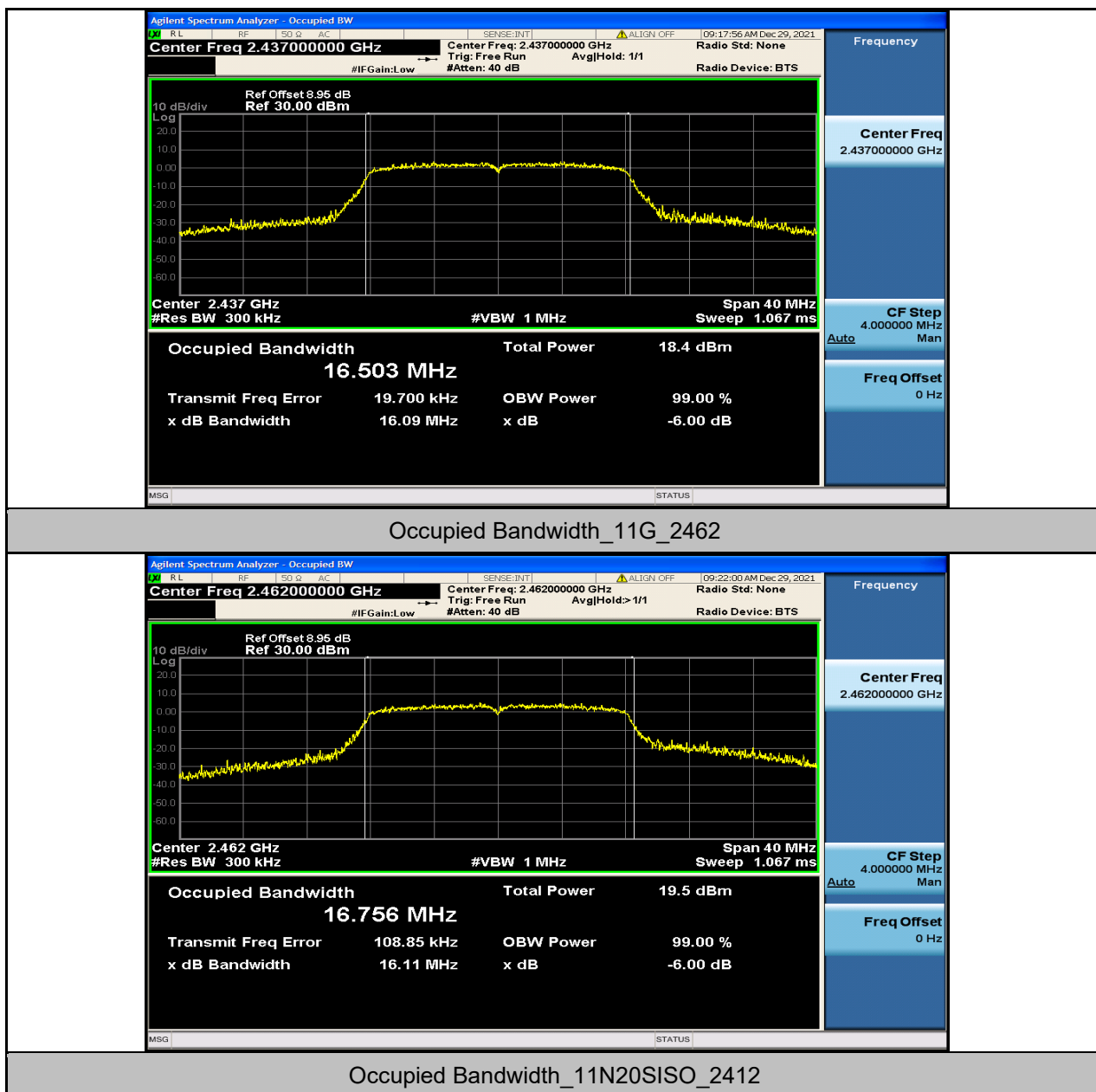


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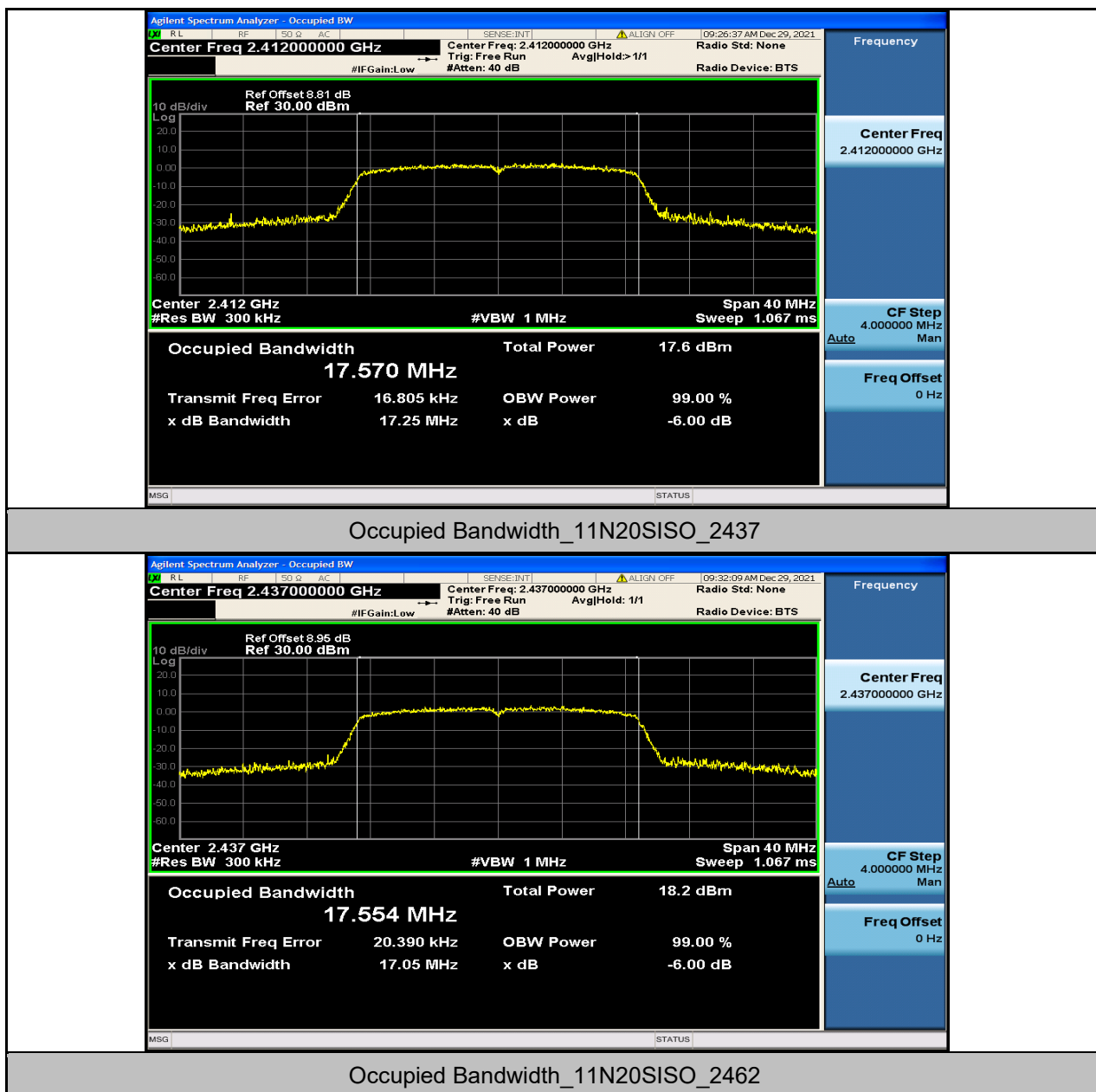


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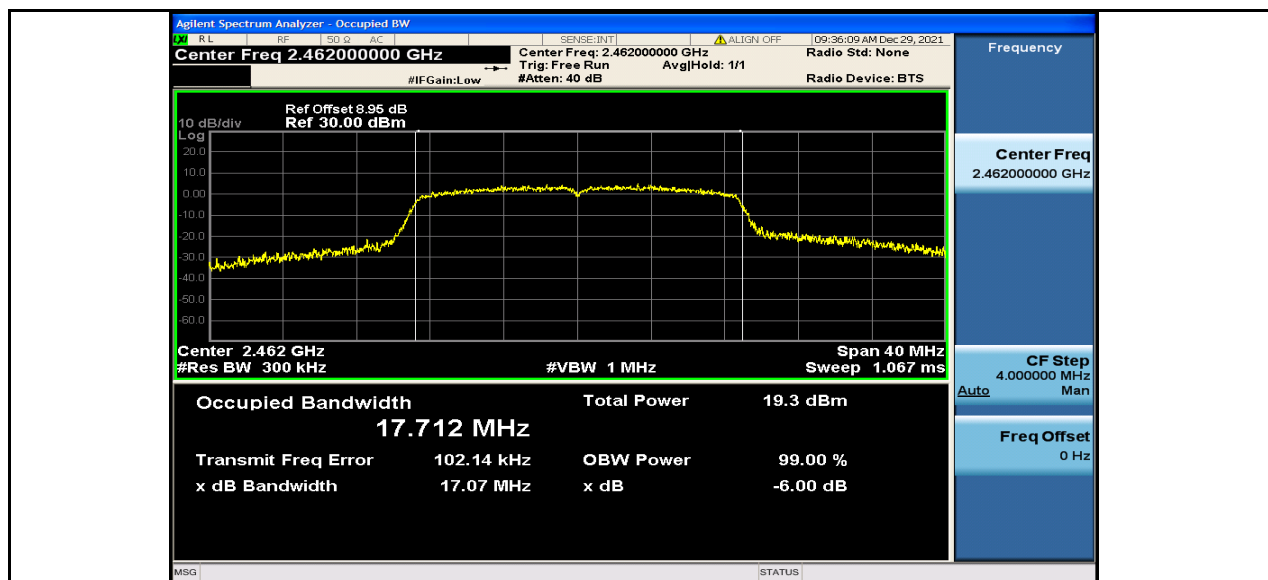


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3.Maximum conducted (average) output power

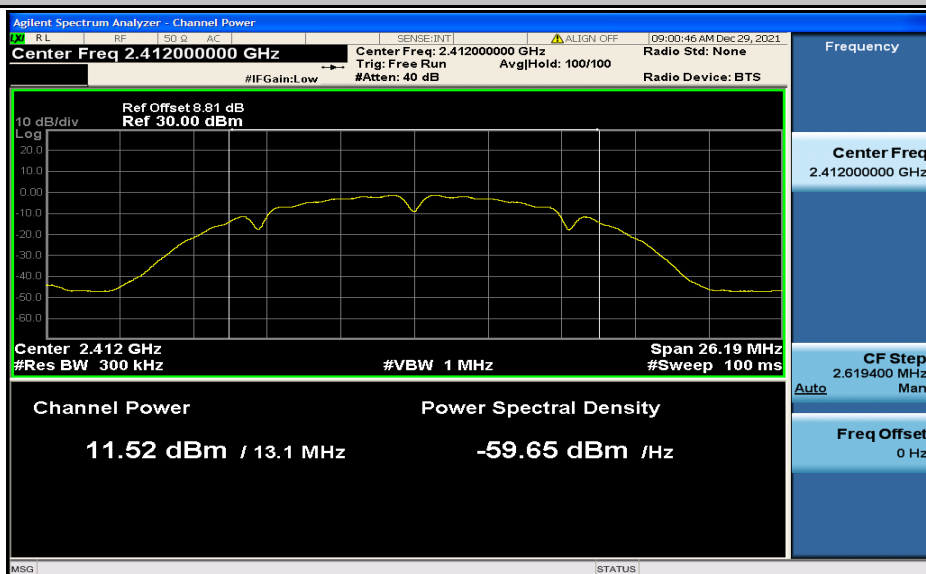
Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	11.52	0.24	11.76	30	PASS
11B	2437	Ant1	12.21	0.24	12.45	30	PASS
11B	2462	Ant1	13.38	0.24	13.62	30	PASS
11G	2412	Ant1	10.97	0.26	11.23	30	PASS
11G	2437	Ant1	11.61	0.26	11.87	30	PASS
11G	2462	Ant1	11.46	1.88	13.34	30	PASS
11N20SISO	2412	Ant1	10.82	0.28	11.10	30	PASS
11N20SISO	2437	Ant1	11.43	0.28	11.71	30	PASS
11N20SISO	2462	Ant1	12.64	0.28	12.92	30	PASS



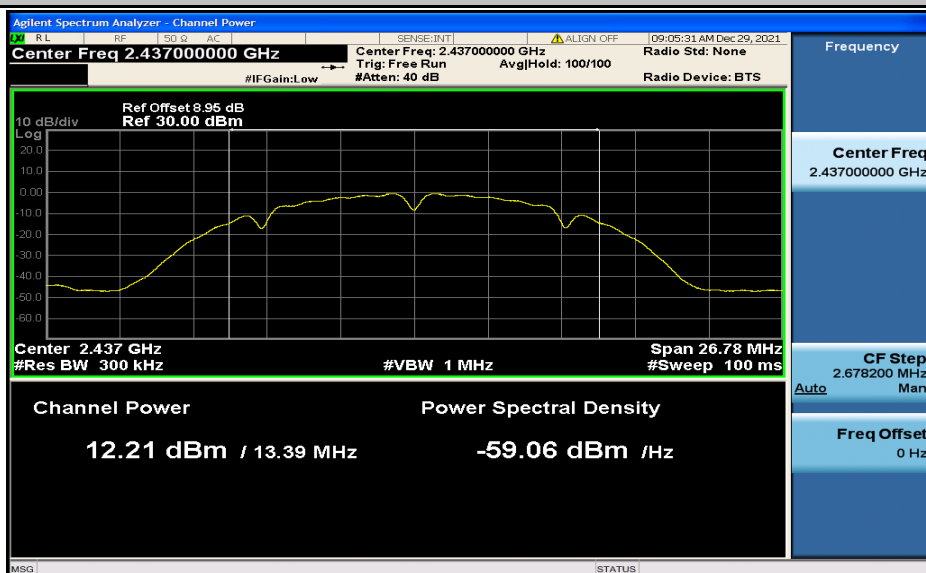
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Maximum conducted (average) output power_11B_2412_Ant1



Maximum conducted (average) output power_11B_2437_Ant1



Maximum conducted (average) output power_11B_2462_Ant1

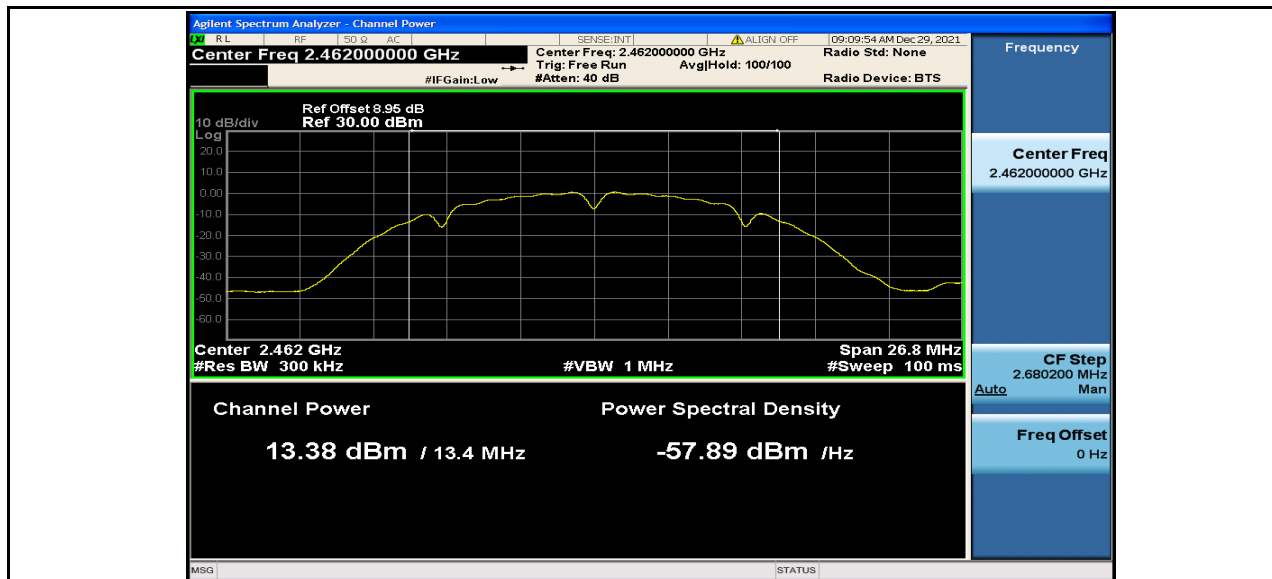


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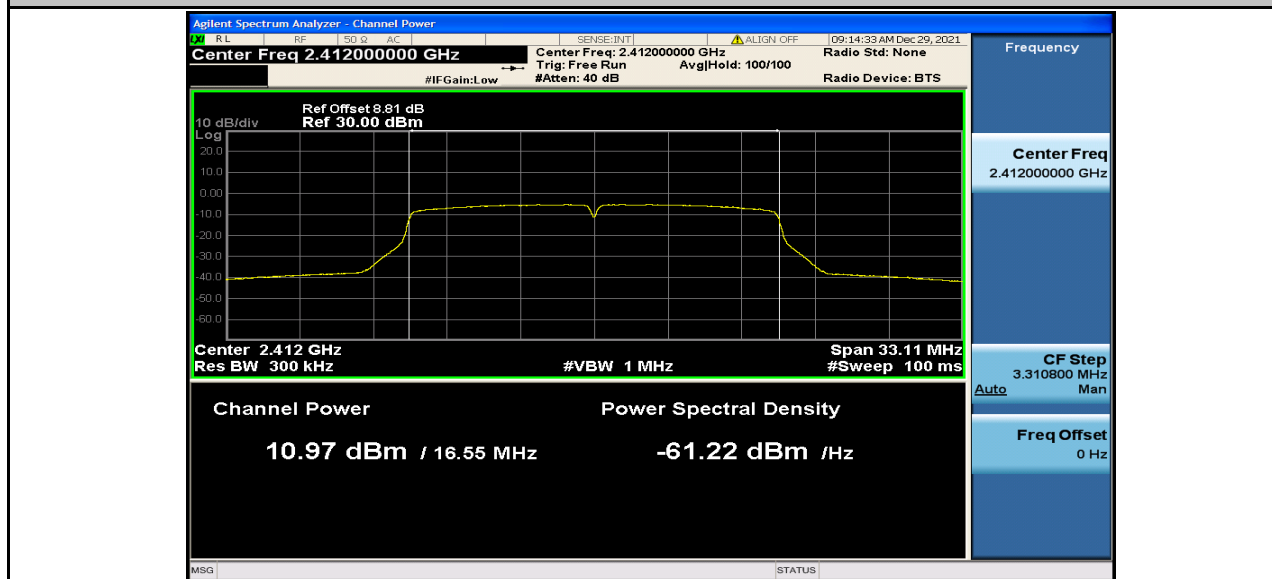
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Maximum conducted (average) output power_11G_2412_Ant1



Maximum conducted (average) output power_11G_2437_Ant1

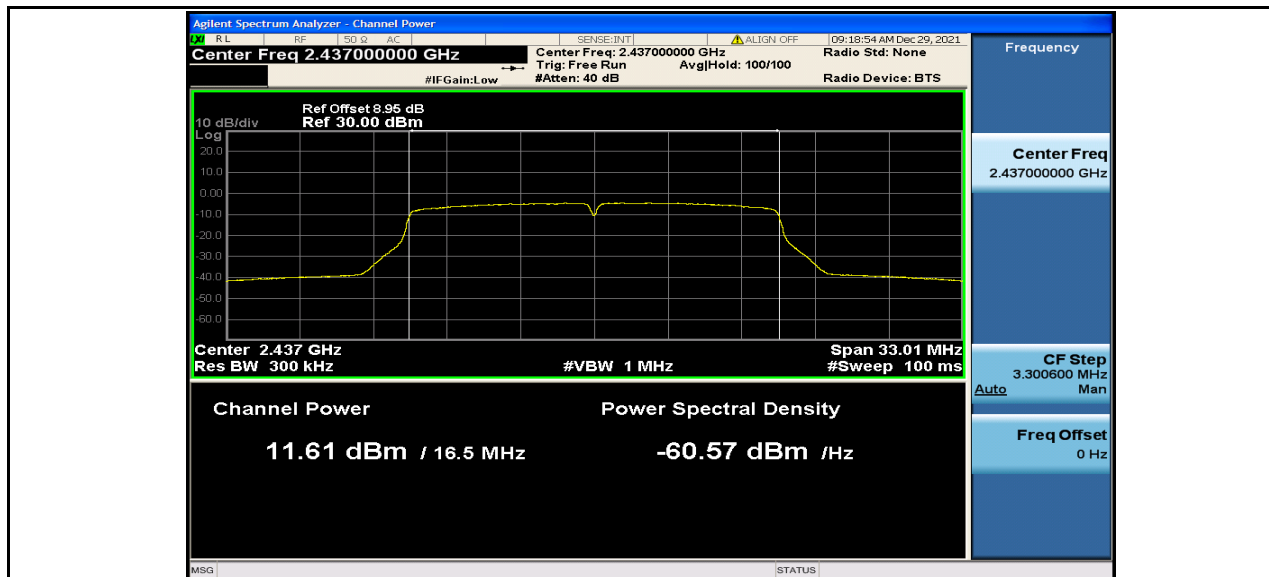


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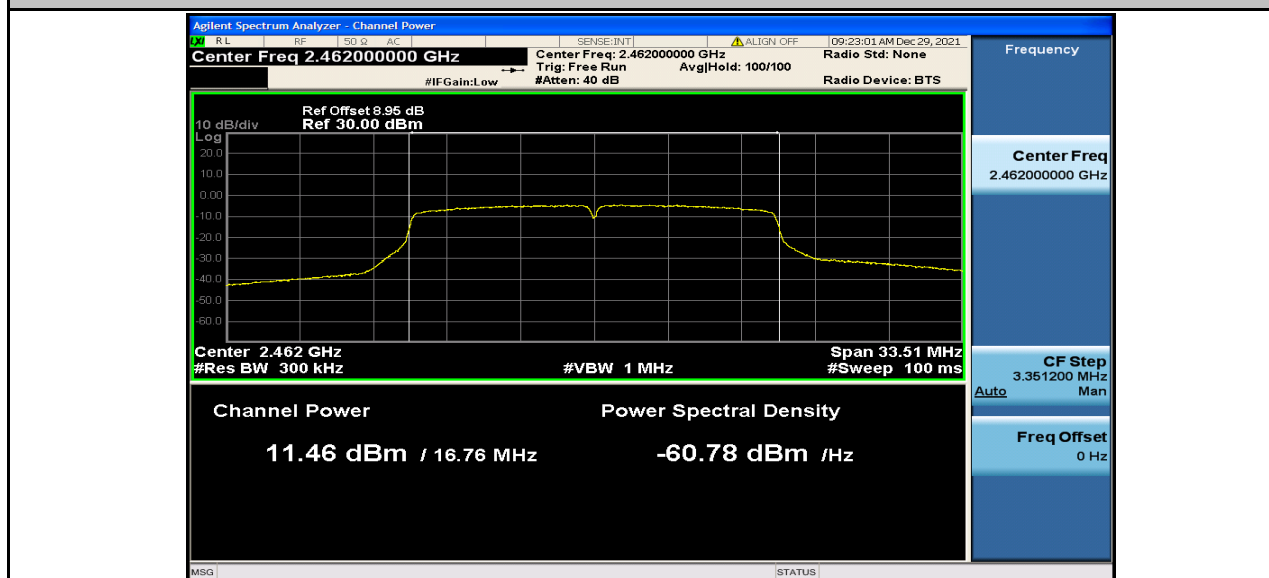
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Maximum conducted (average) output power_11G_2462_Ant1



Maximum conducted (average) output power_11N20SISO_2412_Ant1

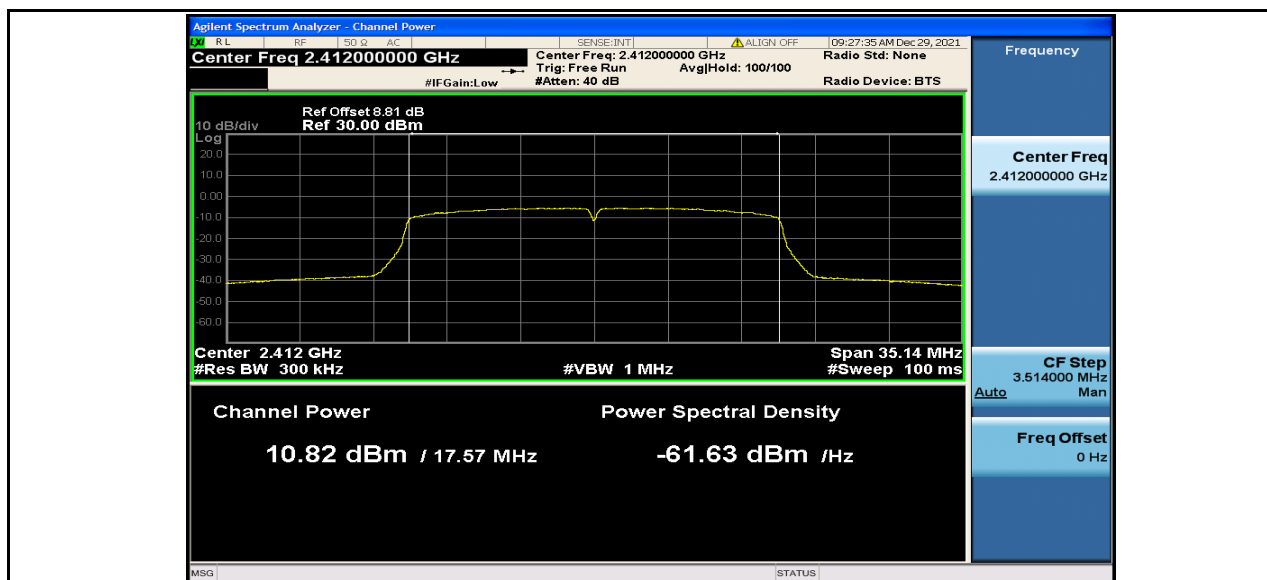


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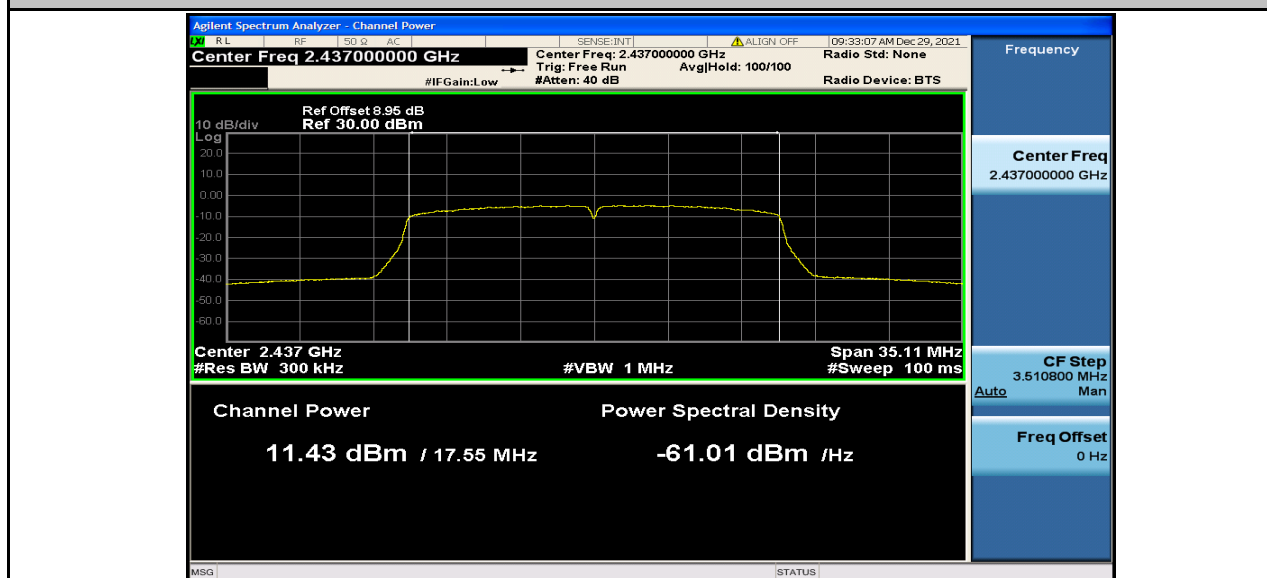
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Maximum conducted (average) output power_11N20SISO_2437_Ant1

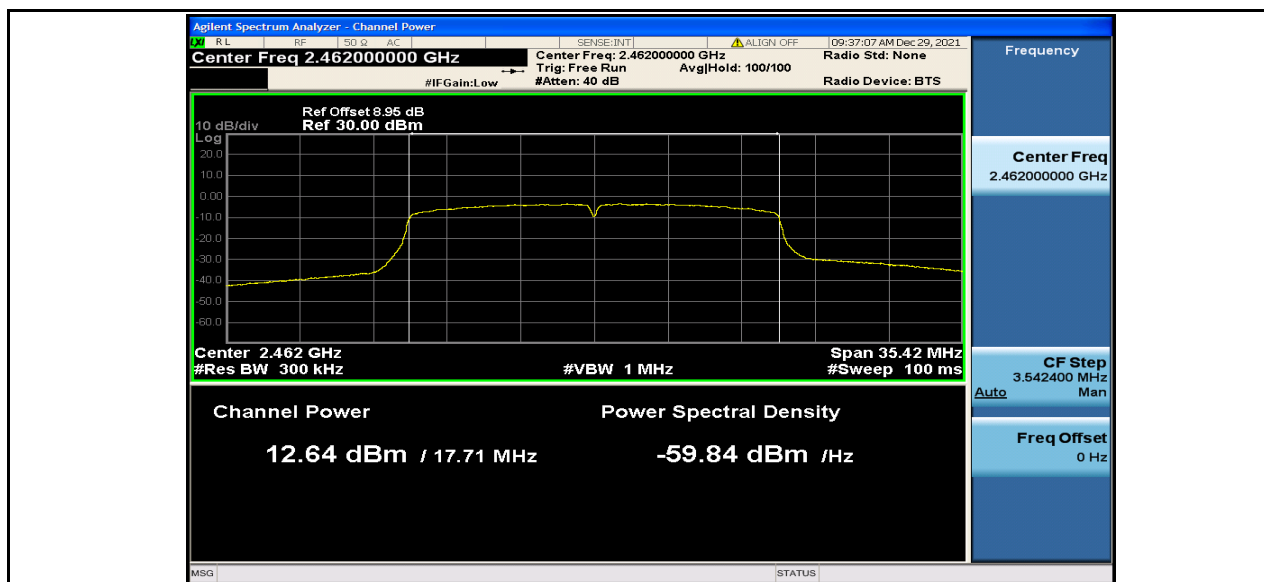


Maximum conducted (average) output power_11N20SISO_2462_Ant1



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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	-19.53	0.24	-19.29	8.00	PASS
11B	2437	Ant1	-18.90	0.24	-18.66	8.00	PASS
11B	2462	Ant1	-17.71	0.24	-17.47	8.00	PASS
11G	2412	Ant1	-22.82	0.26	-22.56	8.00	PASS
11G	2437	Ant1	-22.19	0.26	-21.93	8.00	PASS
11G	2462	Ant1	-22.40	1.88	-20.52	8.00	PASS
11N20SISO	2412	Ant1	-22.75	0.28	-22.47	8.00	PASS
11N20SISO	2437	Ant1	-21.89	0.28	-21.61	8.00	PASS
11N20SISO	2462	Ant1	-20.25	0.28	-19.97	8.00	PASS



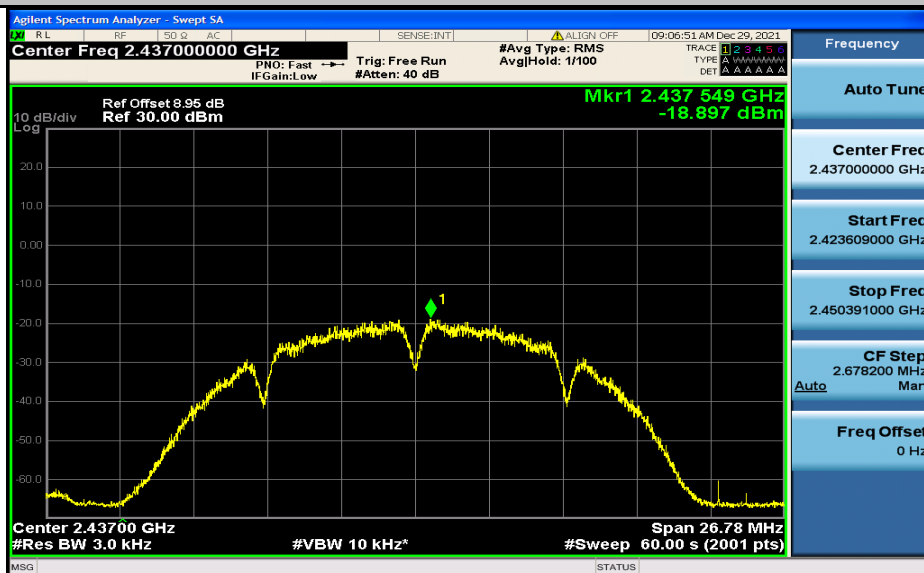
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Maximum(average) power spectral density_11B_2412_Ant1



Maximum(average) power spectral density_11B_2437_Ant1



Maximum(average) power spectral density_11B_2462_Ant1

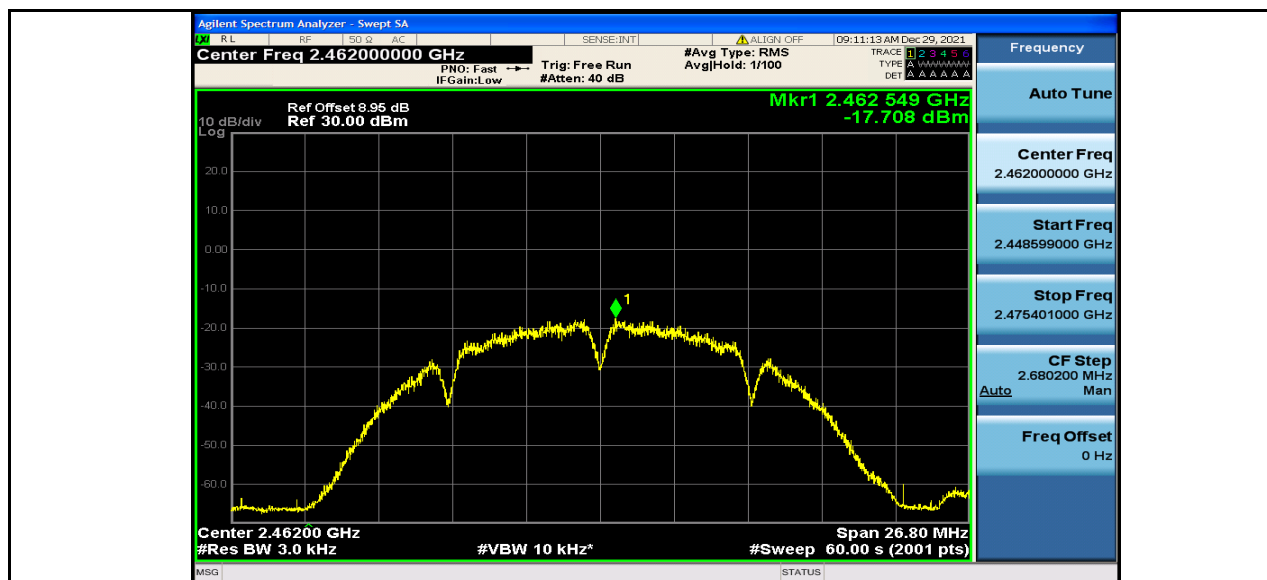


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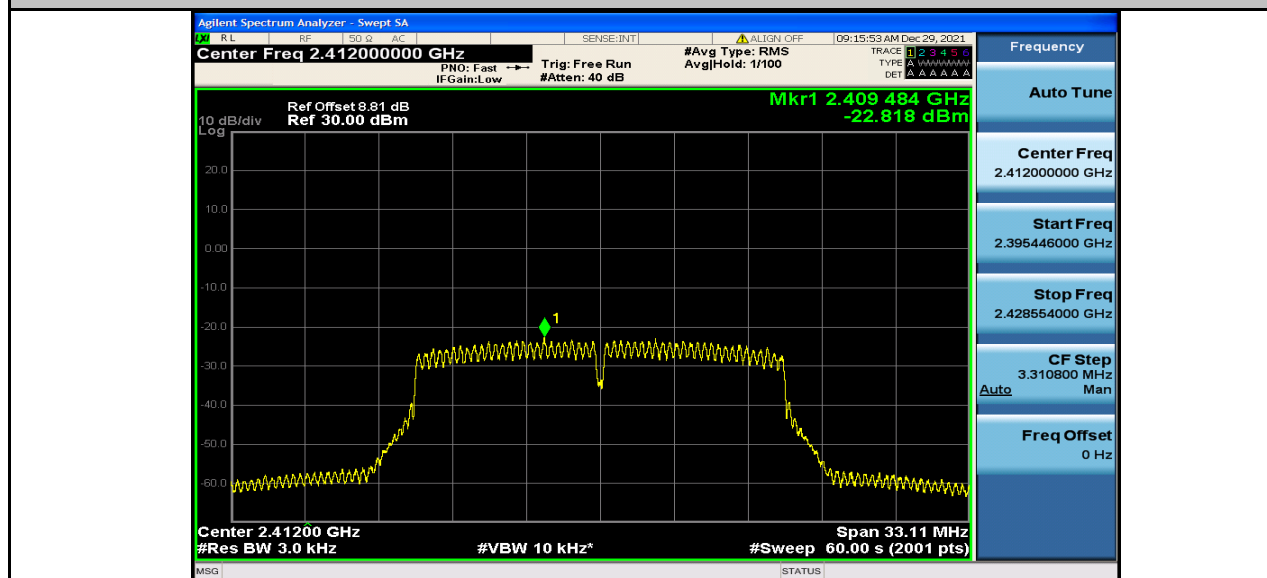
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Maximum(average) power spectral density_11G_2412_Ant1



Maximum(average) power spectral density_11G_2437_Ant1



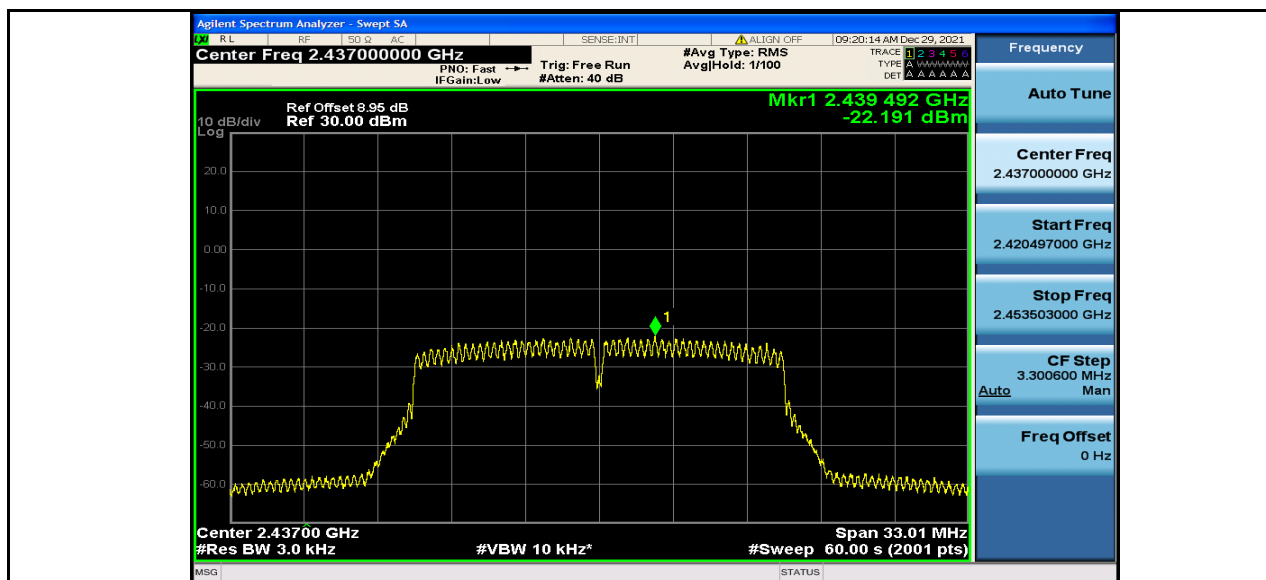
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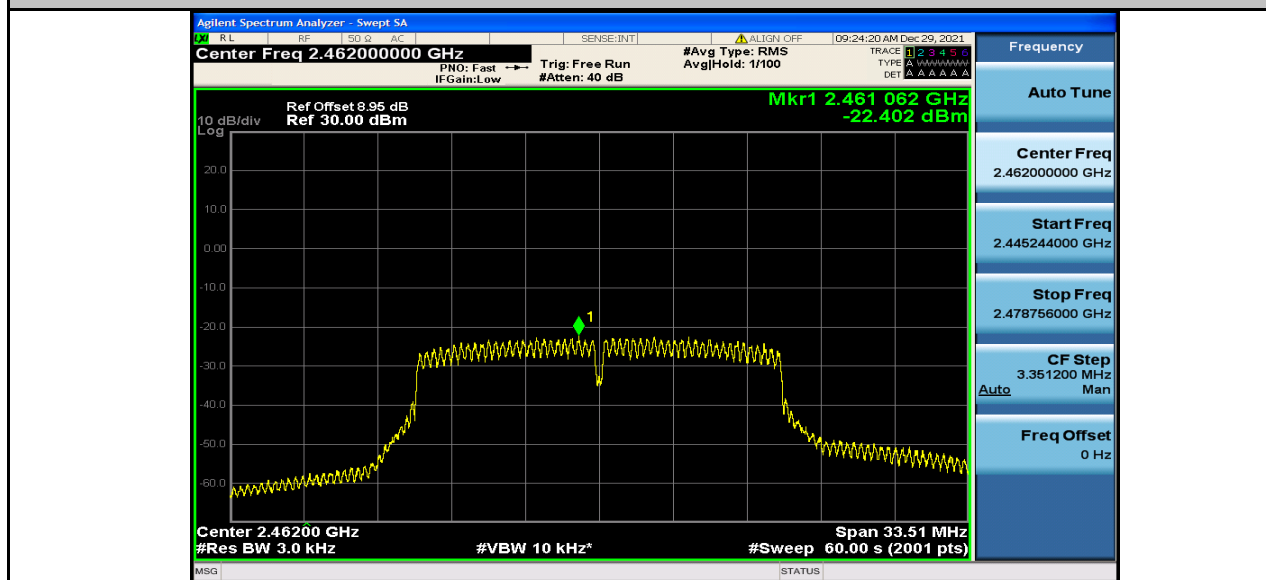
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Testing Center EMC Laboratory

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Maximum(average) power spectral density_11G_2462_Ant1



Maximum(average) power spectral density_11N20SISO_2412_Ant1

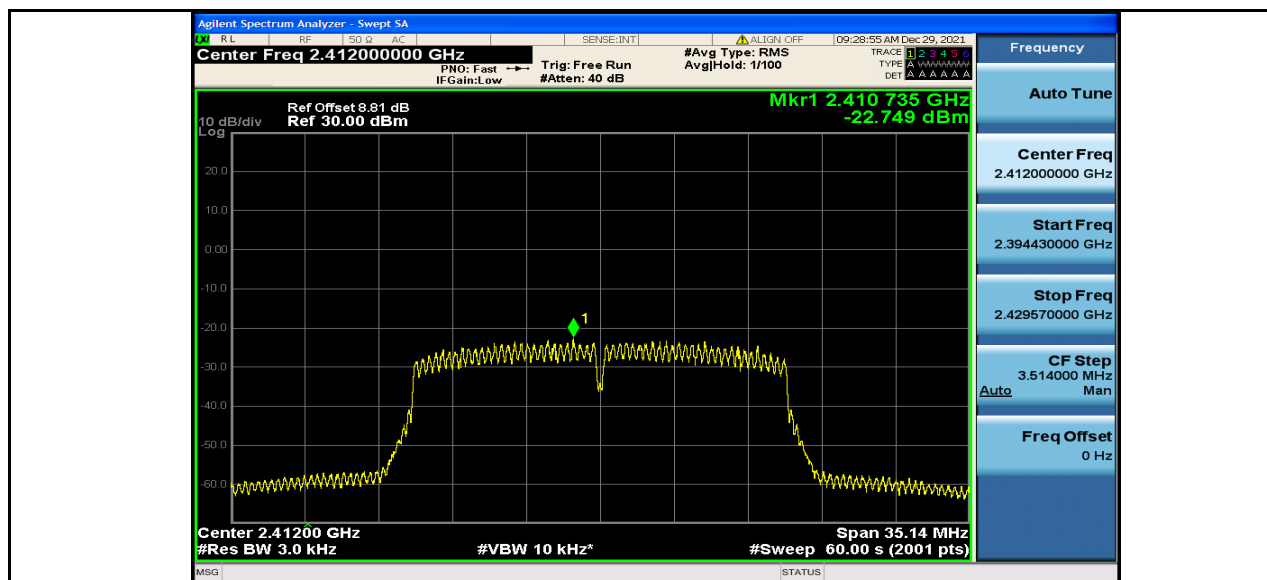


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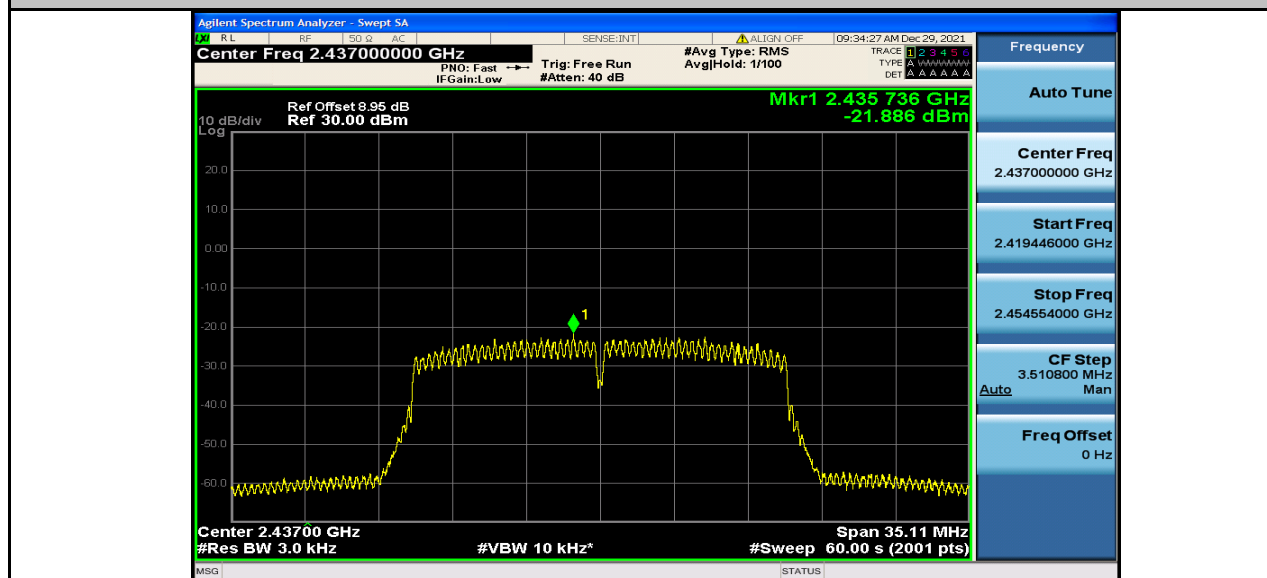
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Maximum(average) power spectral density_11N20ISO_2437_Ant1



Maximum(average) power spectral density_11N20ISO_2462_Ant1



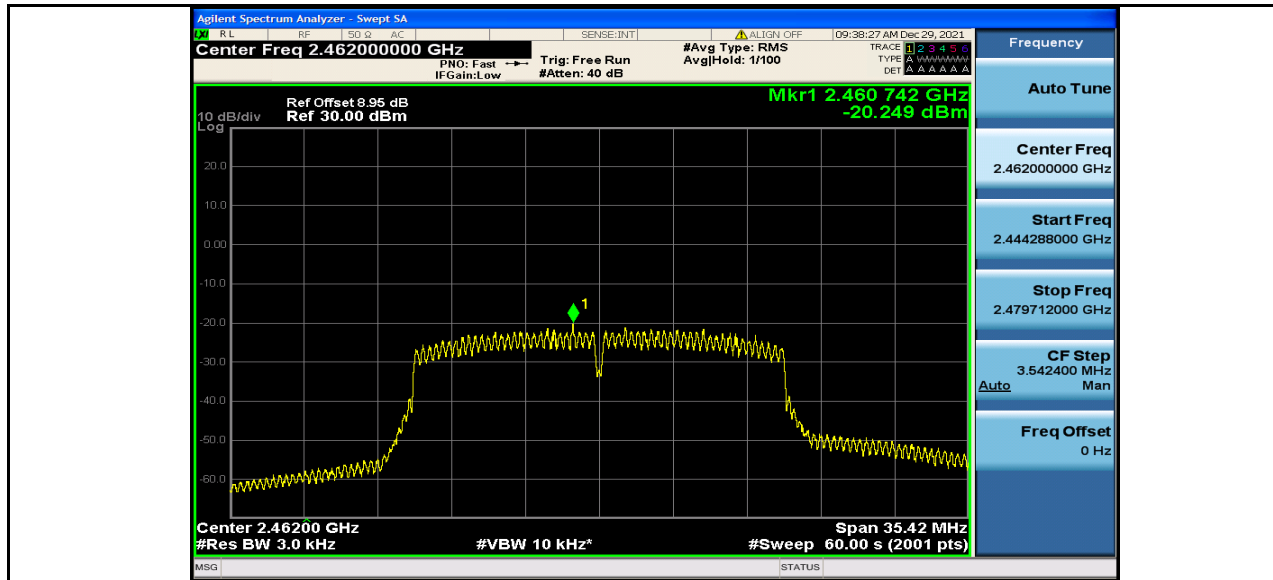
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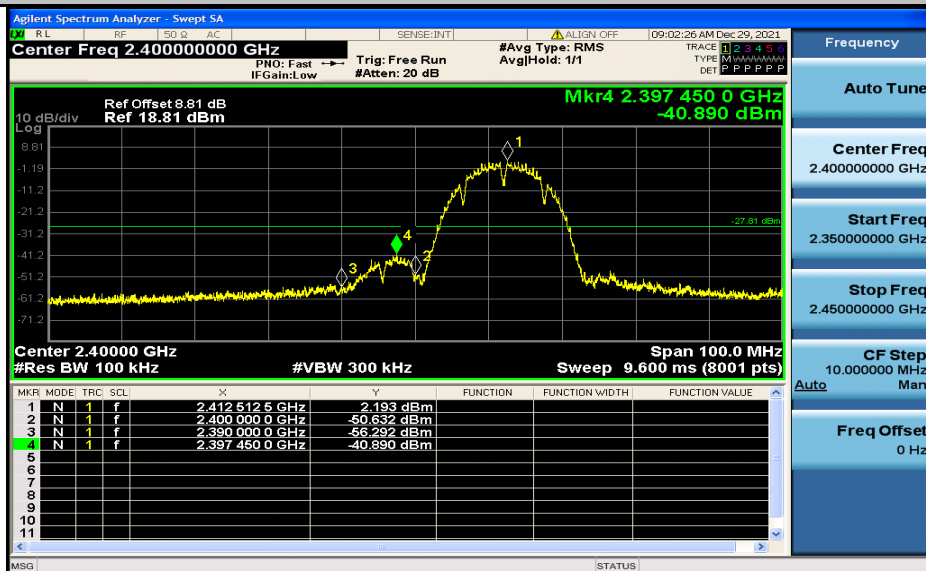
5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	2.19	-40.89	-27.81	PASS
11B	2462	Ant1	4.99	-51.46	-25.01	PASS
11G	2412	Ant1	0.42	-31.54	-29.58	PASS
11G	2462	Ant1	2.42	-37.11	-27.58	PASS
11N20SISO	2412	Ant1	0.02	-32.24	-29.98	PASS
11N20SISO	2462	Ant1	2.05	-35.34	-27.95	PASS

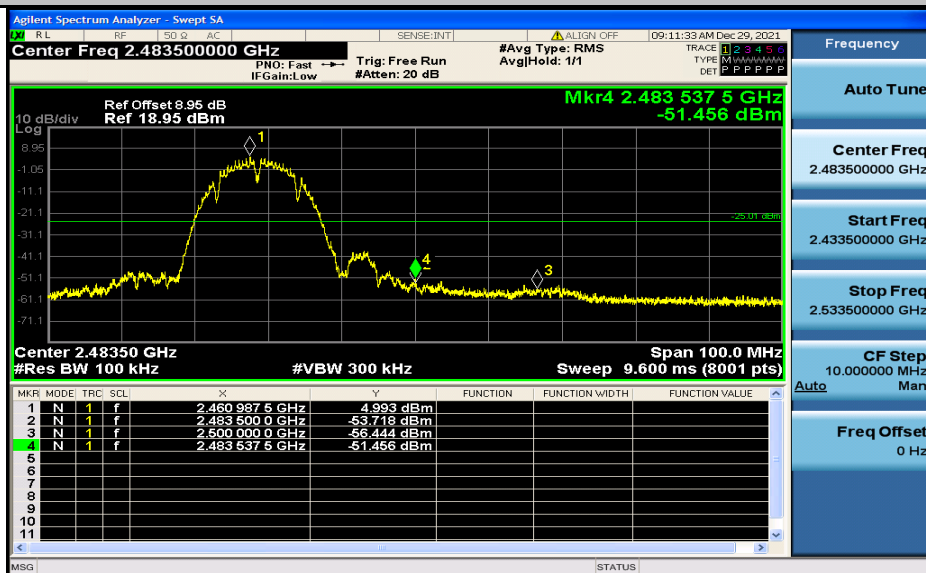


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Band-edge for RF Conducted Emissions_11B_2412_Ant1



Band-edge for RF Conducted Emissions_11B_2462_Ant1



Band-edge for RF Conducted Emissions_11G_2412_Ant1

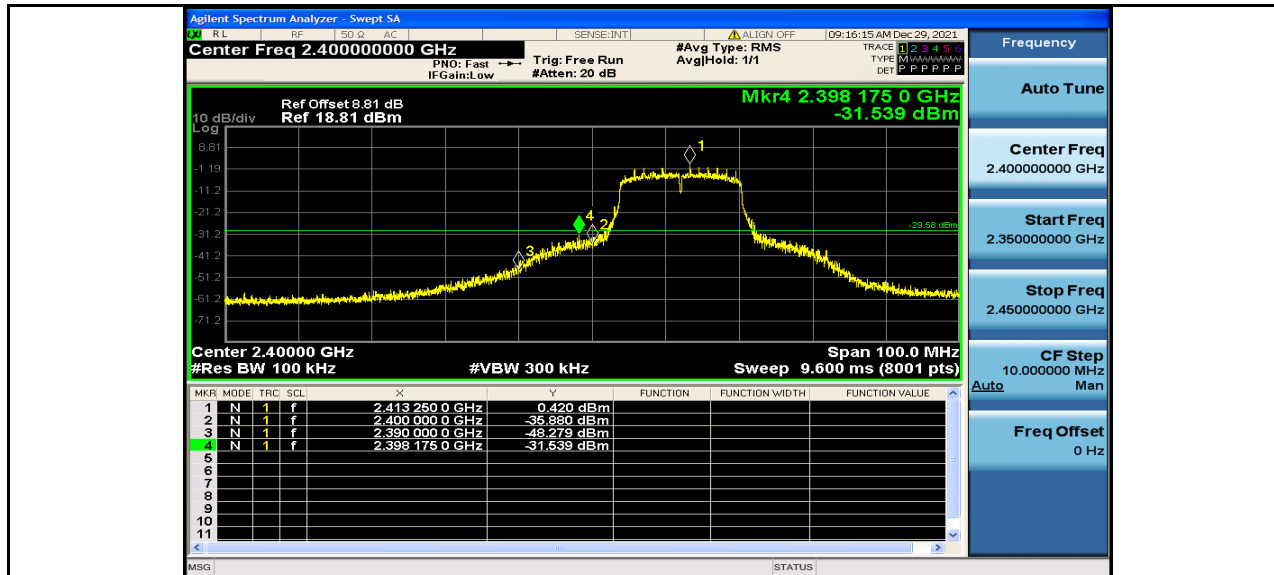


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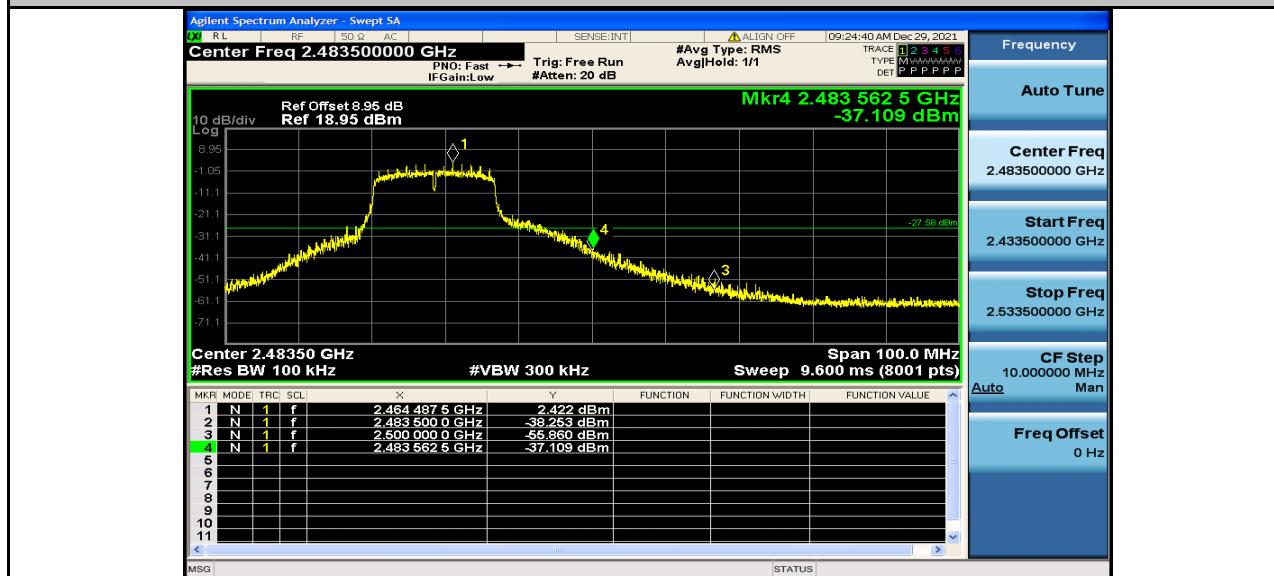
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Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant1

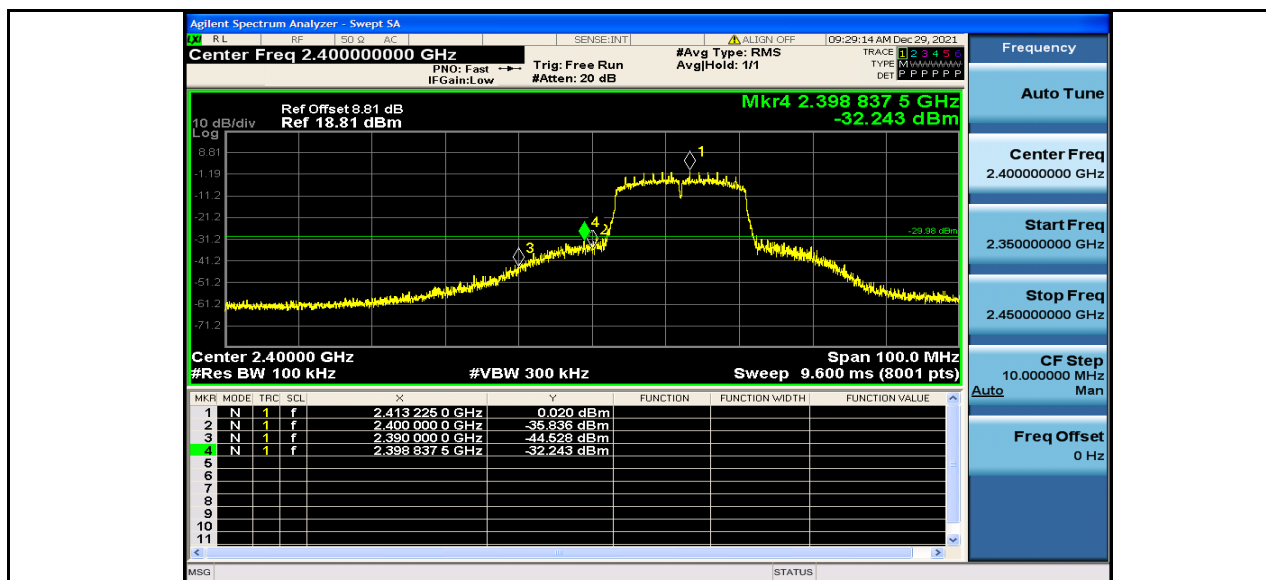


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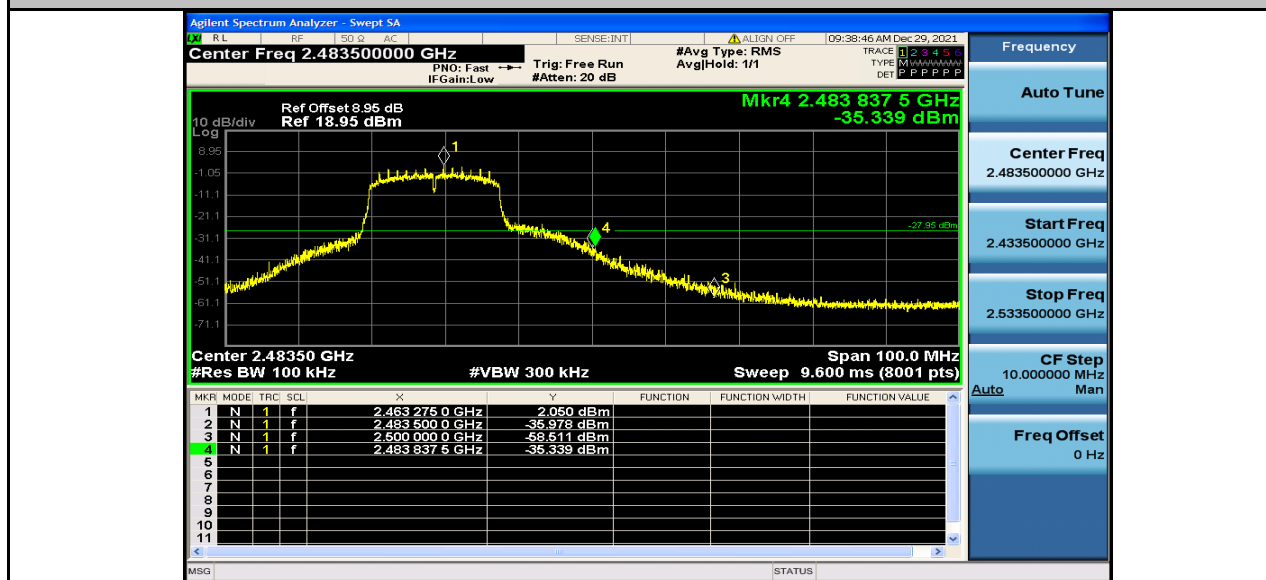
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Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1



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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	3.01	-49.64	<-26.99	PASS
11B	2412	Ant1	10000	26000	100	300	3.01	-45.409	<-26.99	PASS
11B	2437	Ant1	30	10000	100	300	3.87	-48.12	<-26.14	PASS
11B	2437	Ant1	10000	26000	100	300	3.865	-45.019	<-26.135	PASS
11B	2462	Ant1	30	10000	100	300	4.98	-44.52	<-25.02	PASS
11B	2462	Ant1	10000	26000	100	300	4.98	-45.887	<-25.02	PASS
11G	2412	Ant1	30	10000	100	300	-0.05	-54.98	<-30.05	PASS
11G	2412	Ant1	10000	26000	100	300	-0.053	-45.860	<-30.053	PASS
11G	2437	Ant1	30	10000	100	300	1.03	-54.15	<-28.97	PASS
11G	2437	Ant1	10000	26000	100	300	1.034	-45.482	<-28.966	PASS
11G	2462	Ant1	30	10000	100	300	2.69	-53.51	<-27.31	PASS
11G	2462	Ant1	10000	26000	100	300	2.693	-45.304	<-27.307	PASS
11N20SISO	2412	Ant1	30	10000	100	300	0.26	-55.01	<-29.75	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	0.255	-45.253	<-29.745	PASS
11N20SISO	2437	Ant1	30	10000	100	300	1.09	-54.63	<-28.91	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	1.086	-44.959	<-28.914	PASS
11N20SISO	2462	Ant1	30	10000	100	300	2.34	-54.36	<-27.66	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	2.341	-45.229	<-27.659	PASS



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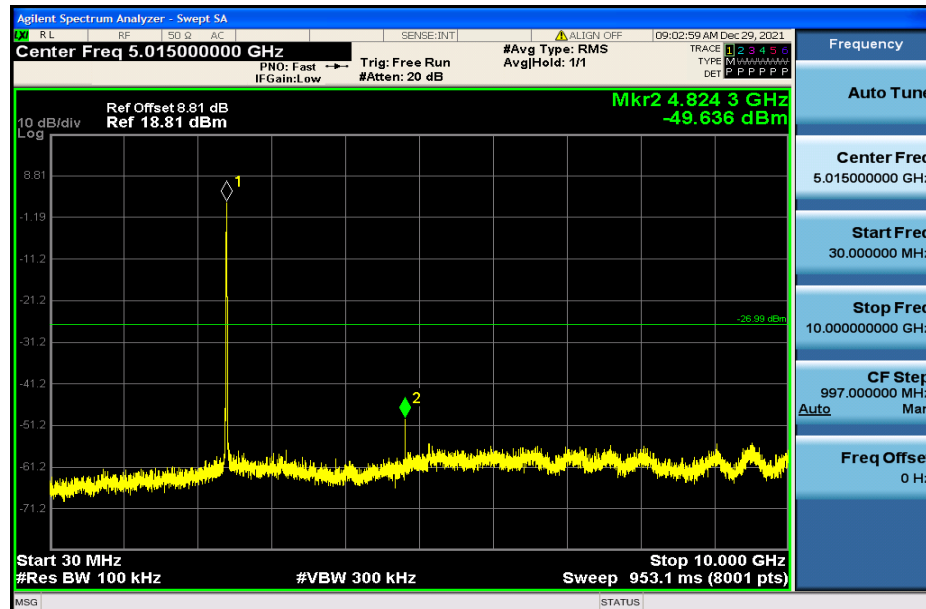
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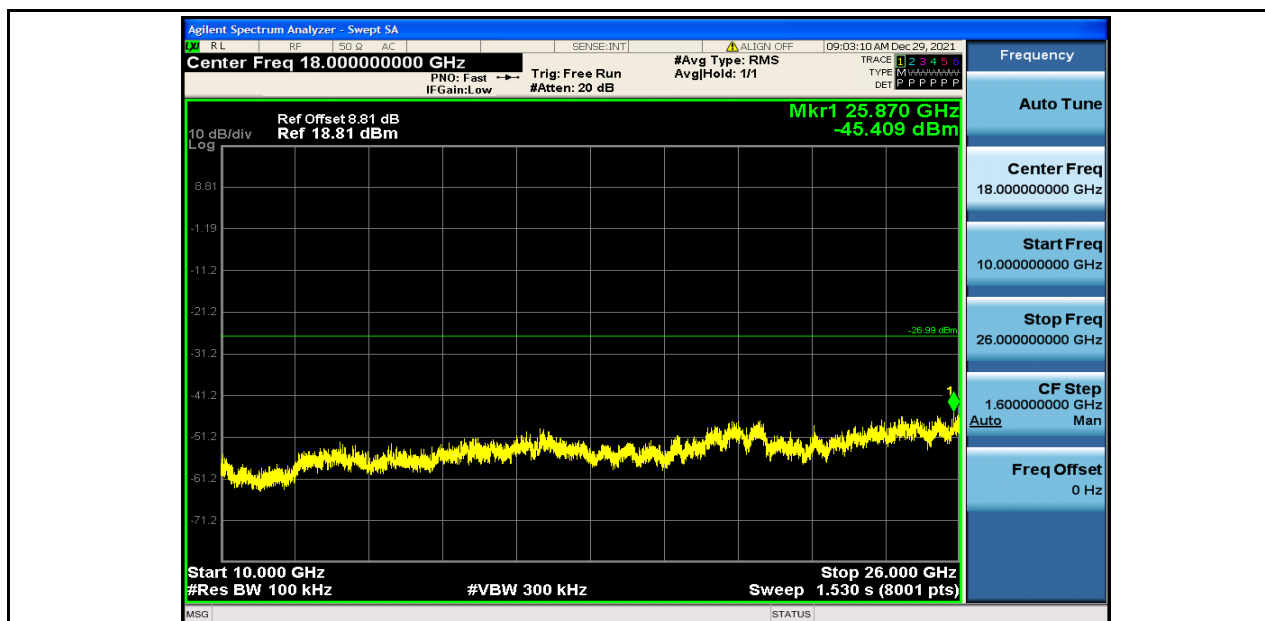


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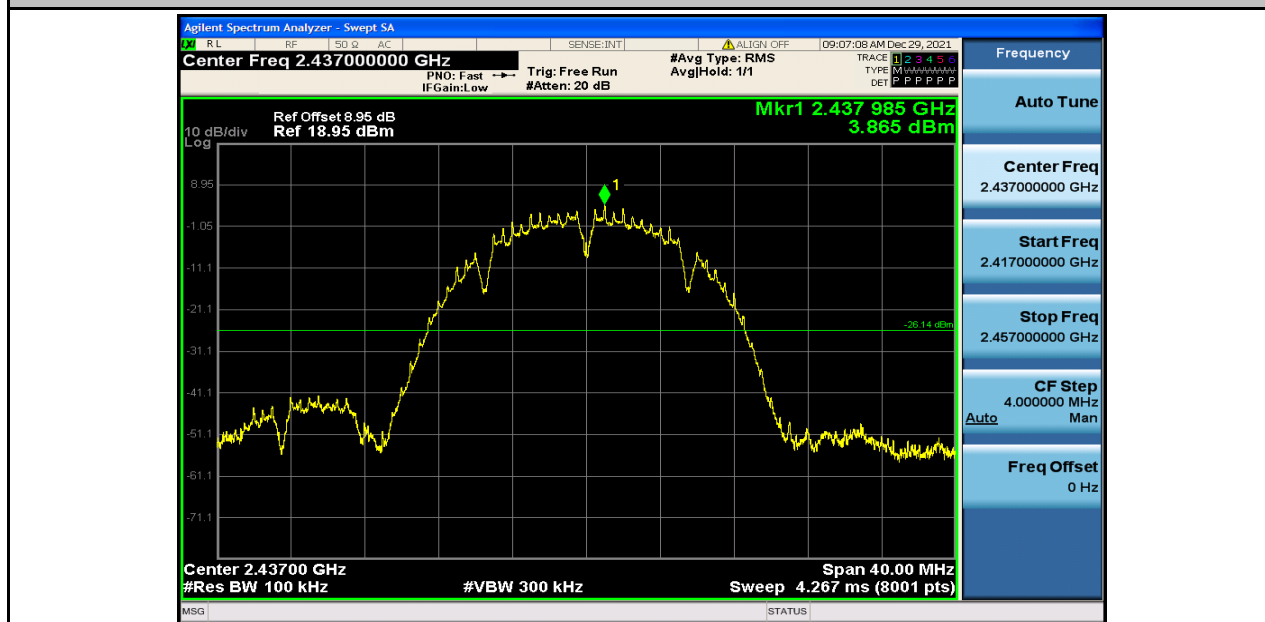
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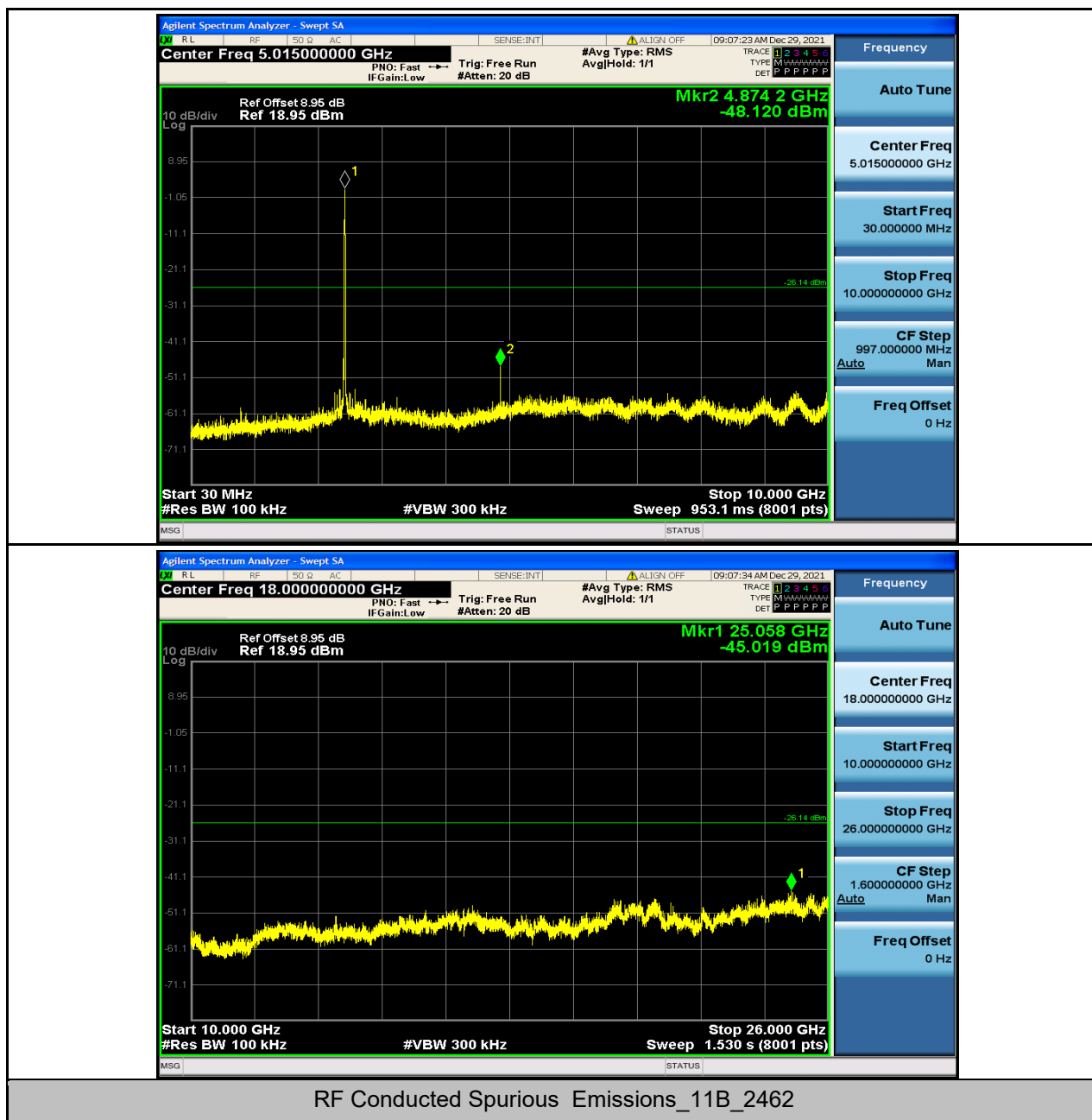


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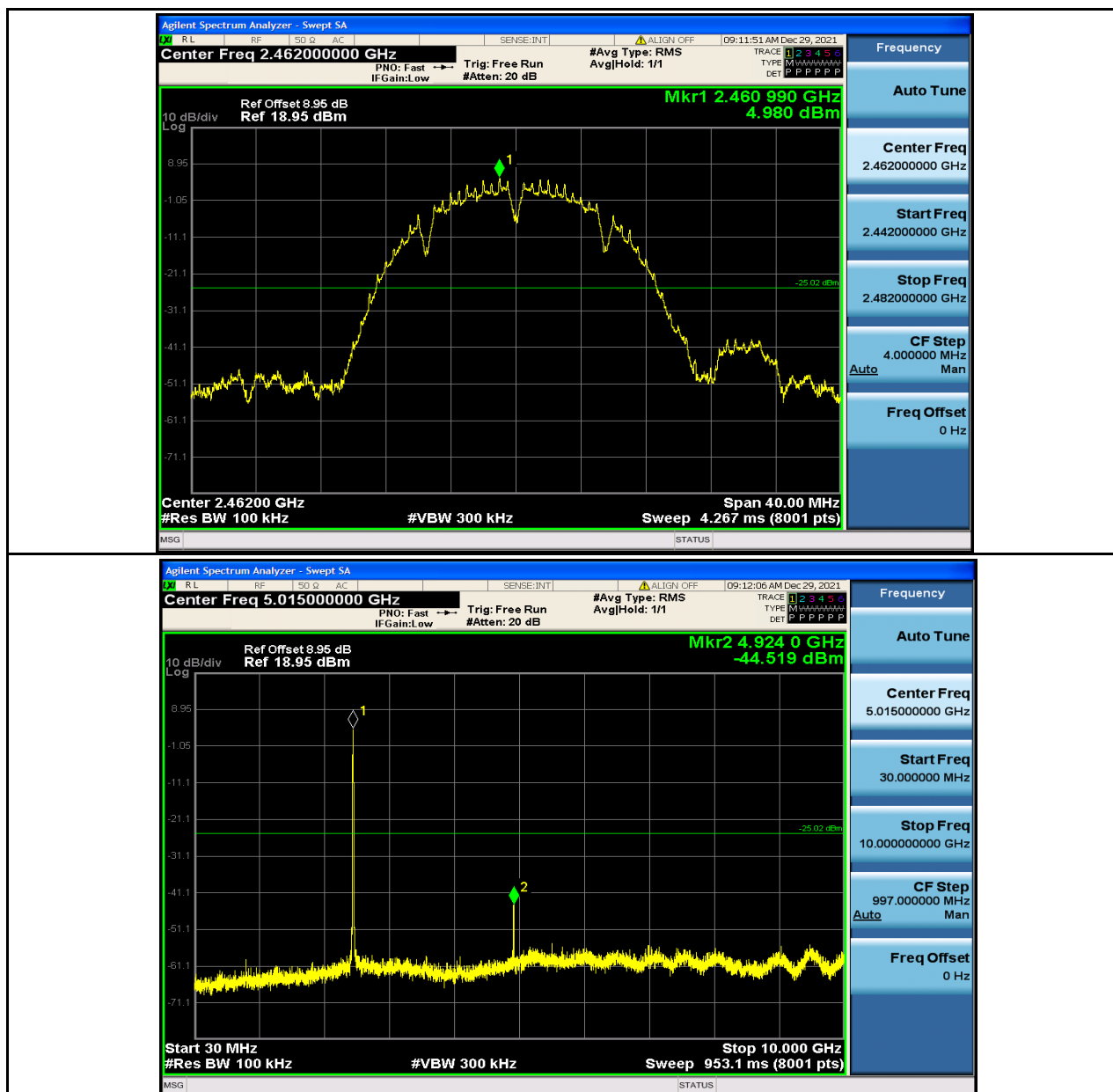


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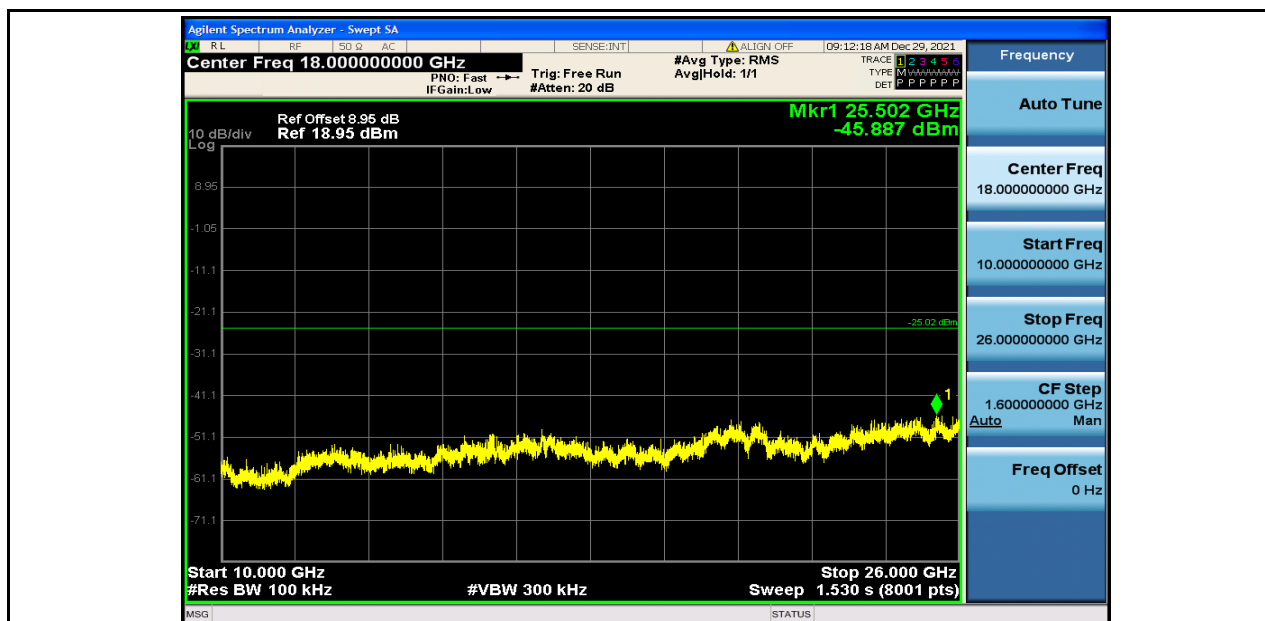
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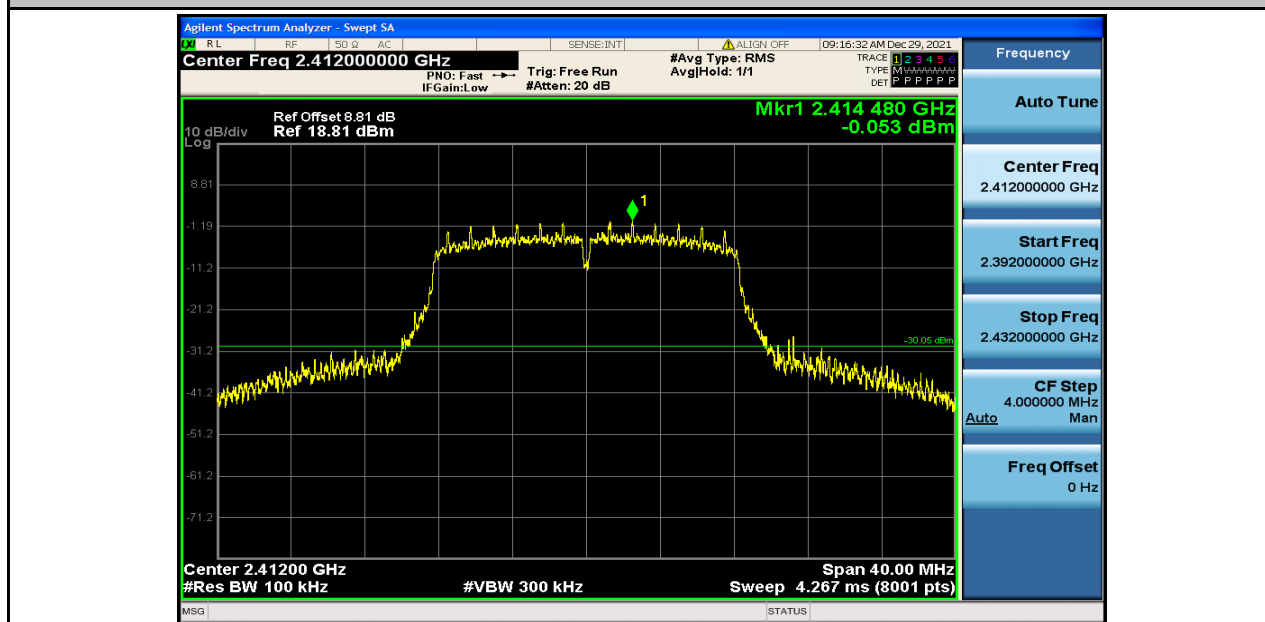


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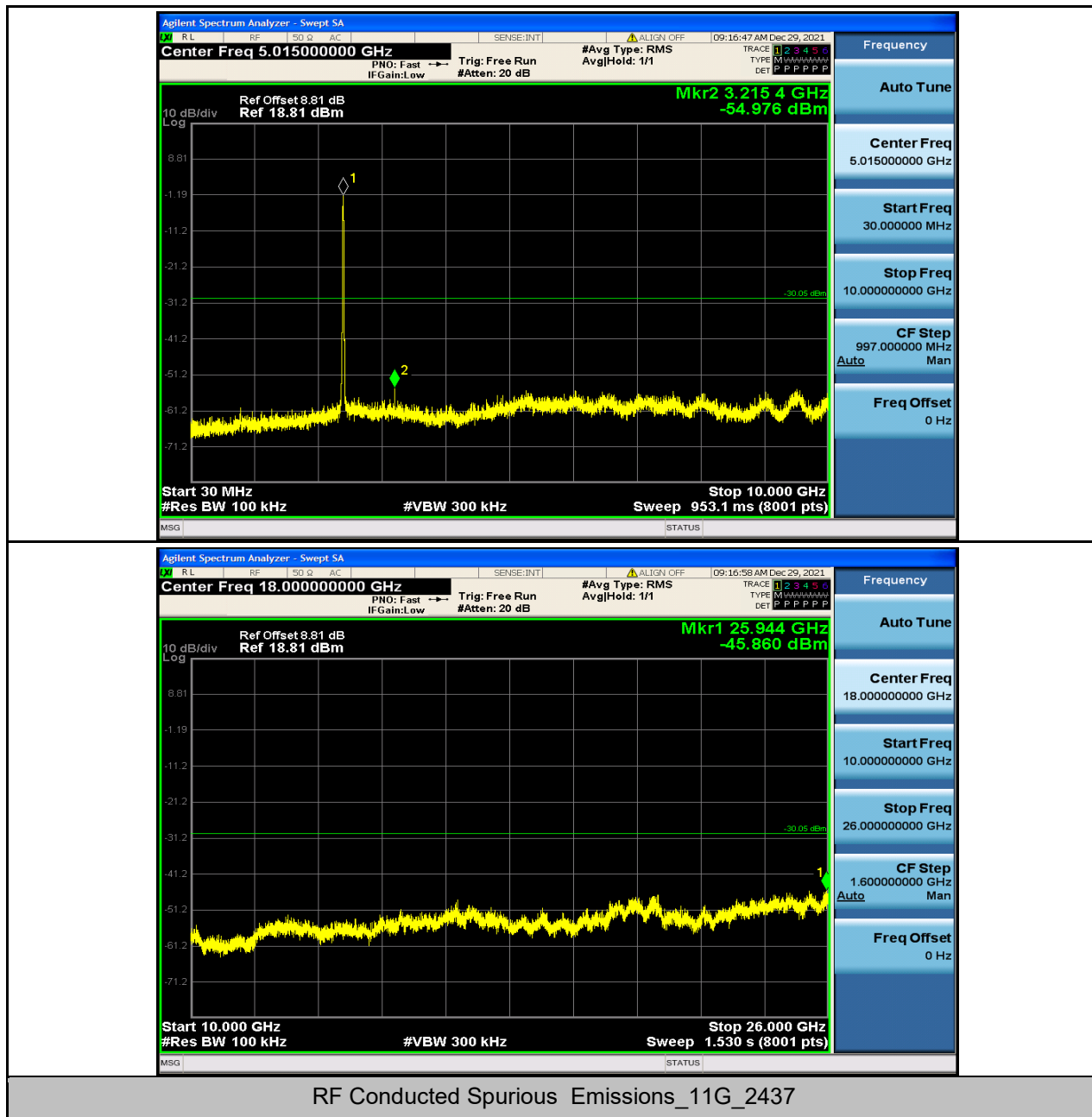


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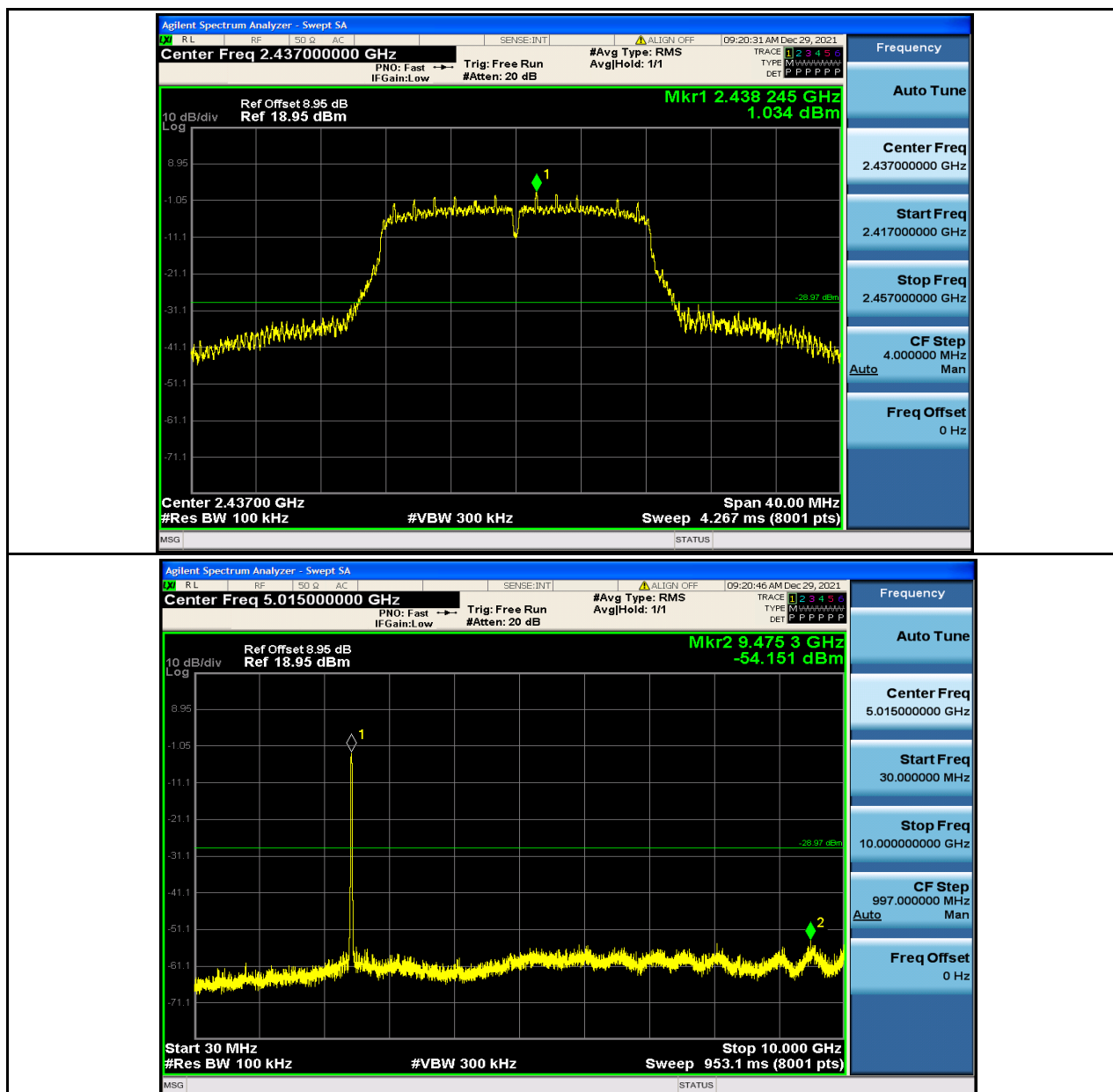


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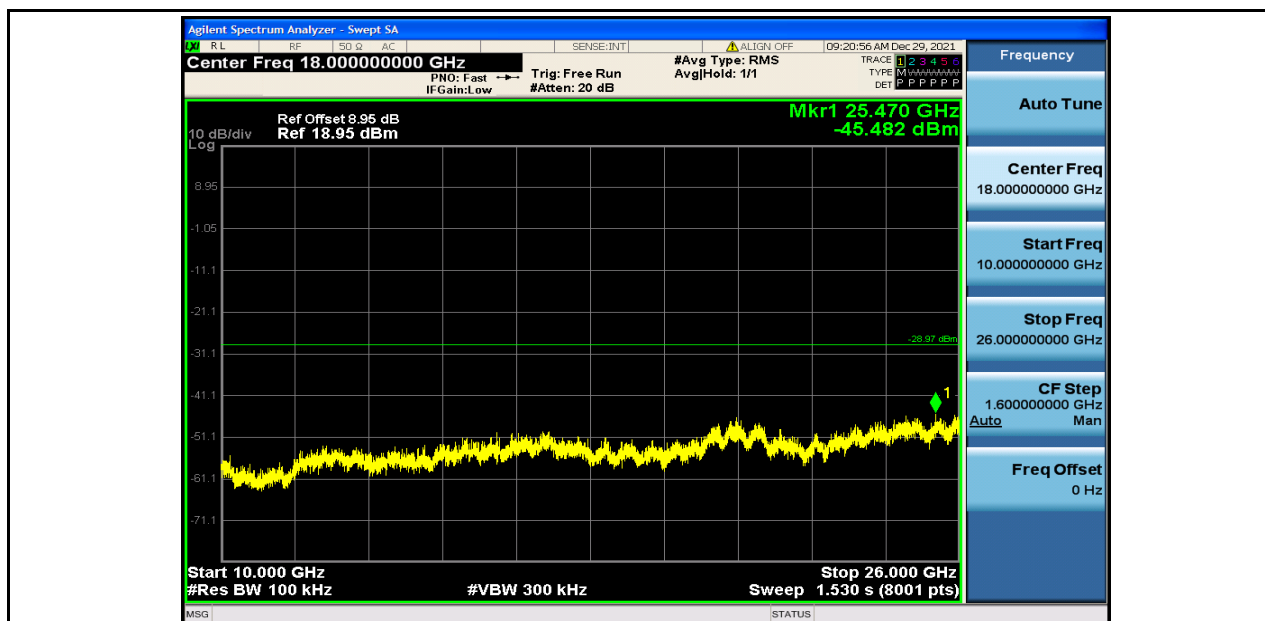
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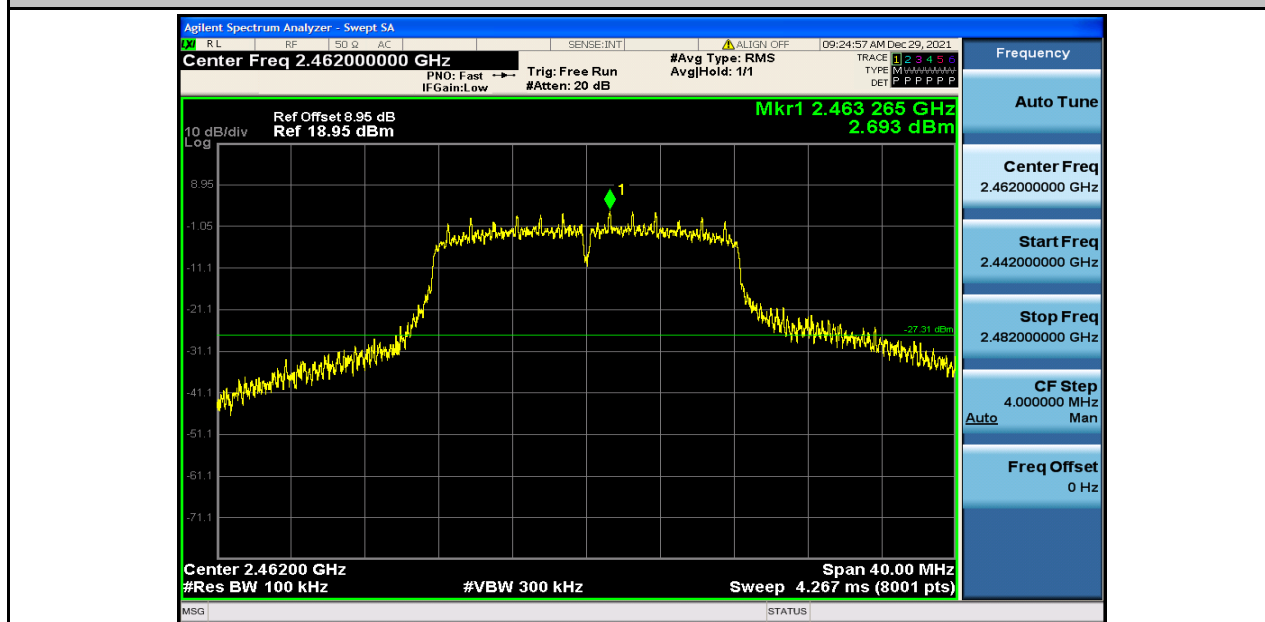


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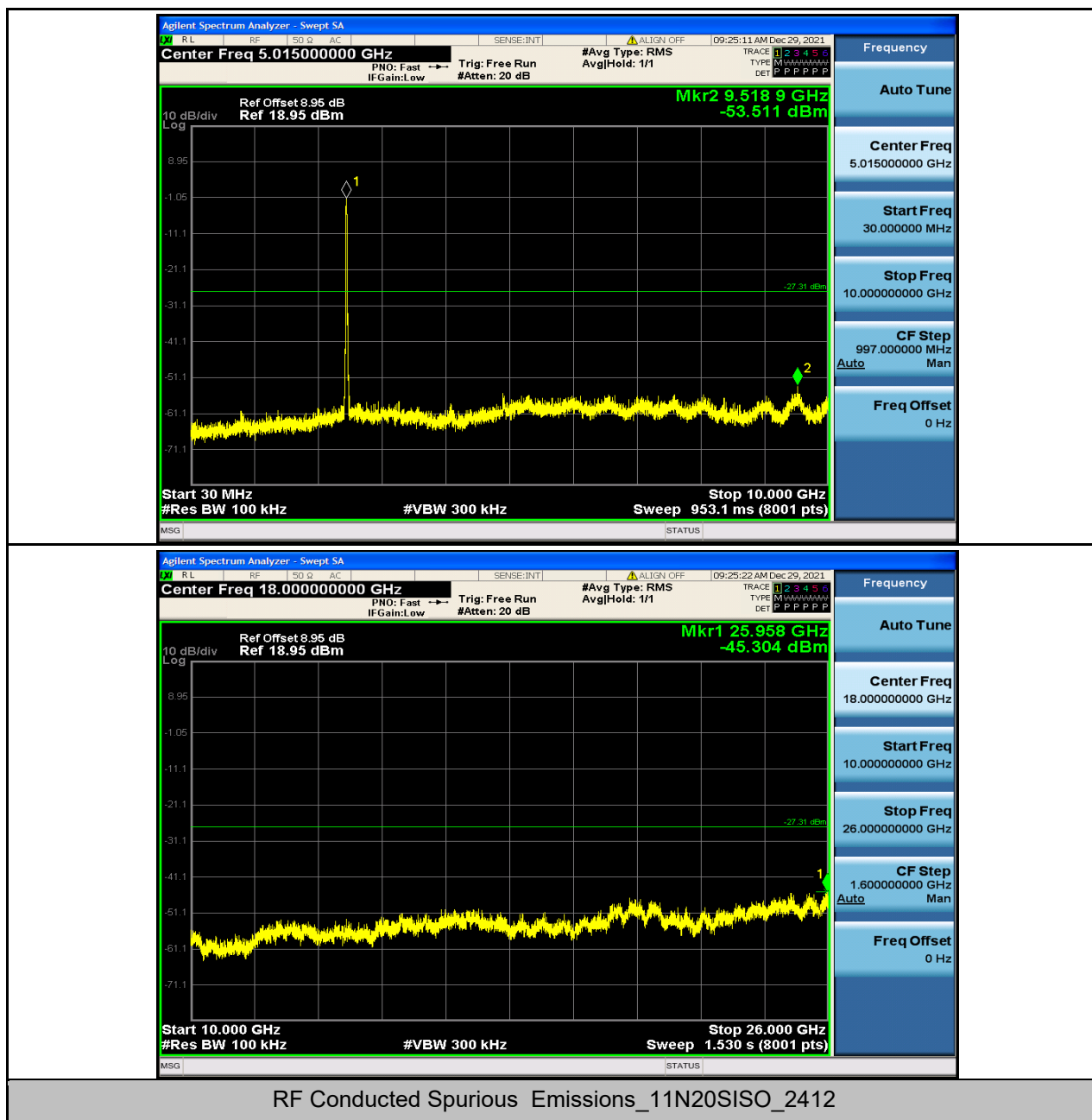


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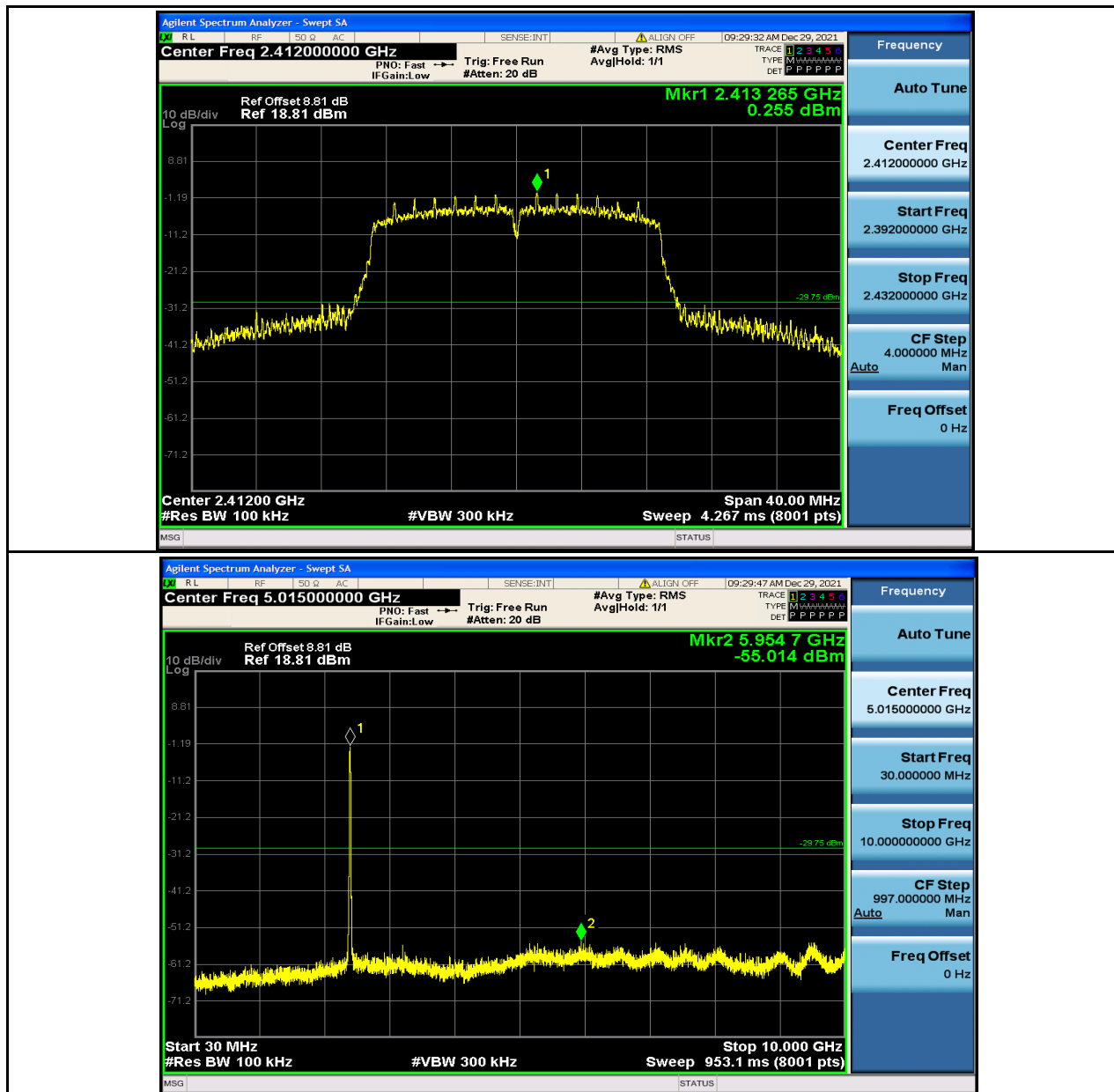


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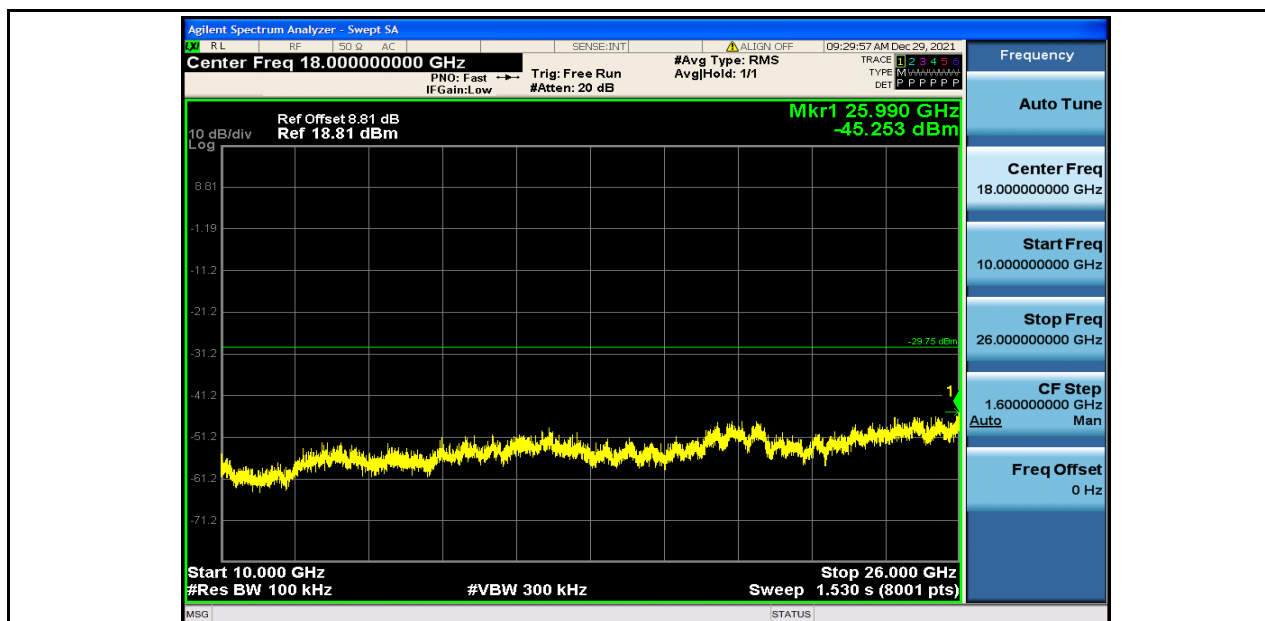


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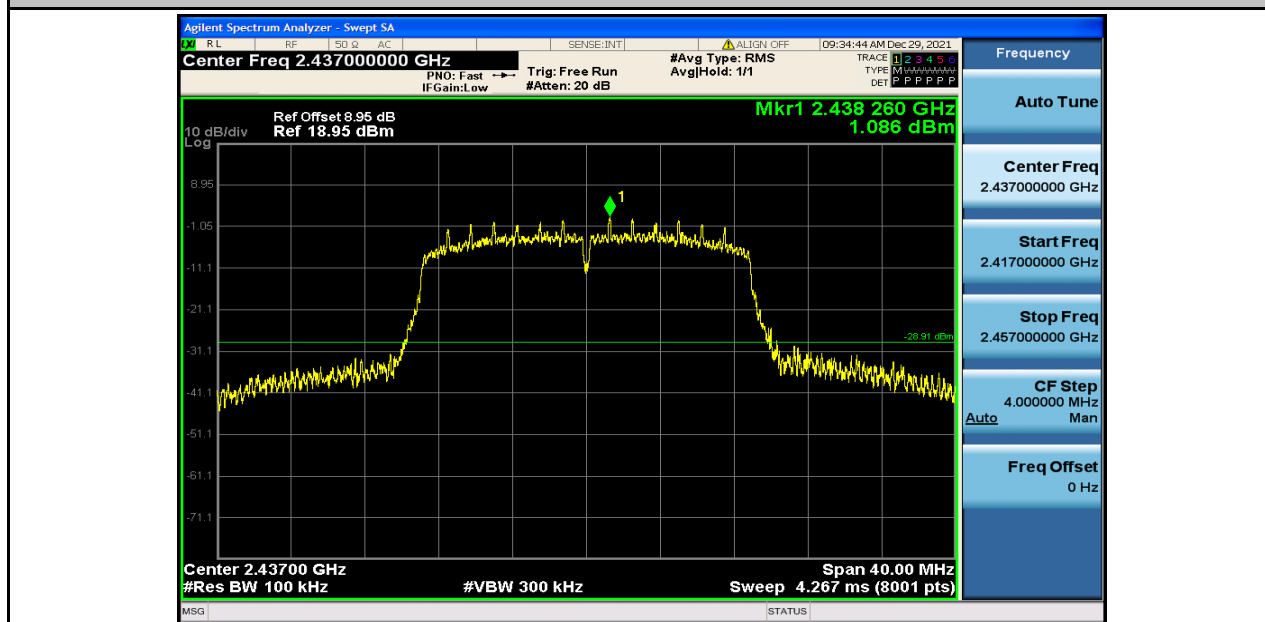
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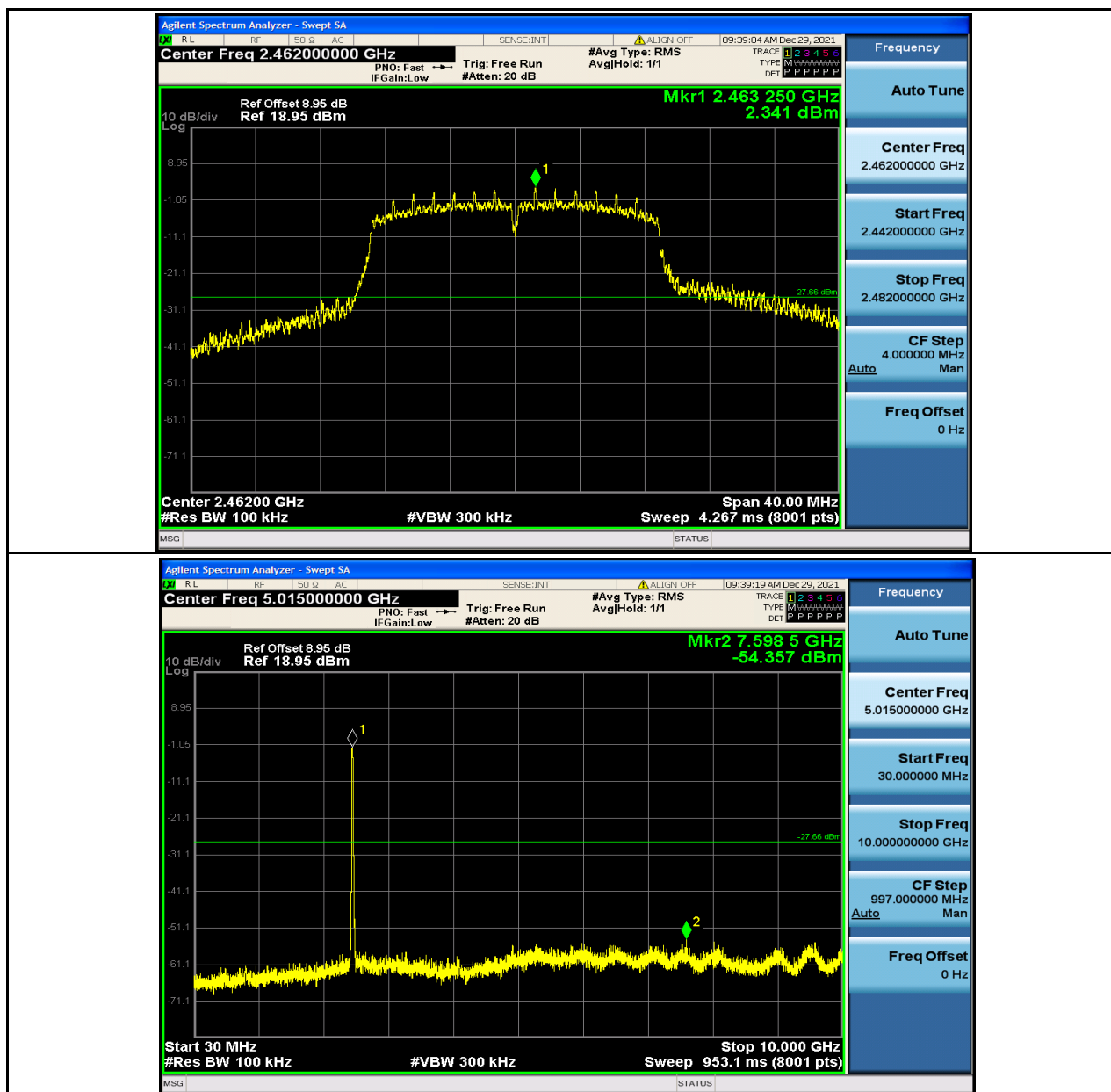


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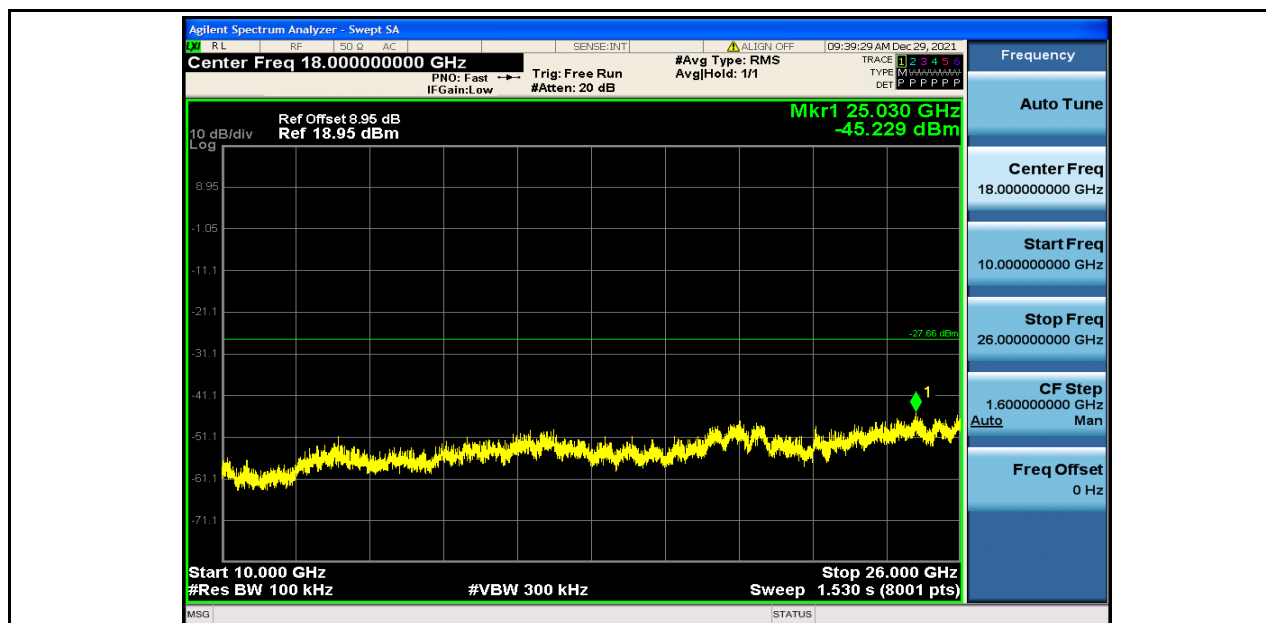
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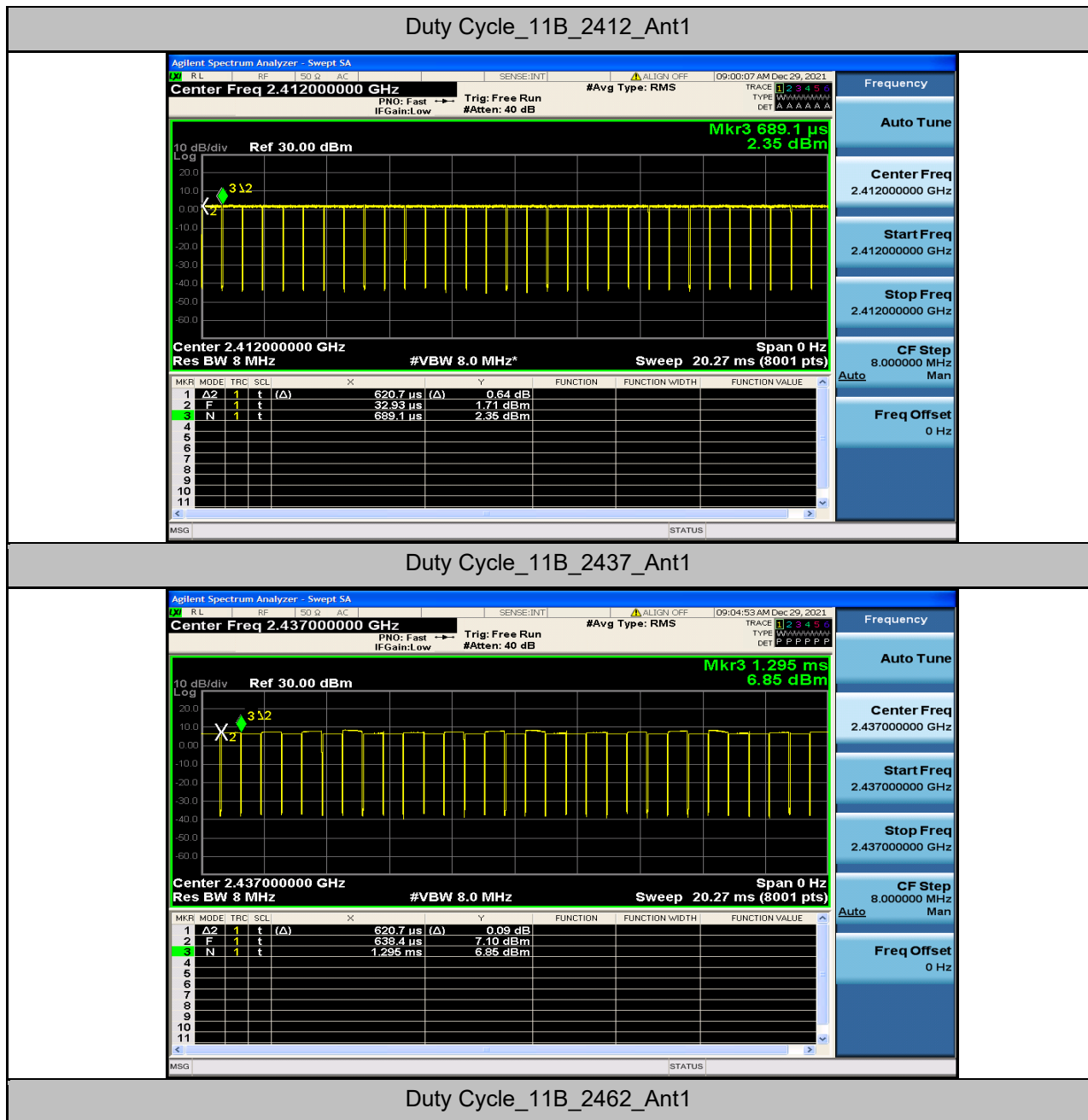


7. Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11B	2412	Ant1	94.59	0.24
11B	2437	Ant1	94.59	0.24
11B	2462	Ant1	94.59	0.24
11G	2412	Ant1	94.14	0.26
11G	2437	Ant1	94.14	0.26
11G	2462	Ant1	64.85	1.88
11N20SISO	2412	Ant1	93.84	0.28
11N20SISO	2437	Ant1	93.84	0.28
11N20SISO	2462	Ant1	93.82	0.28



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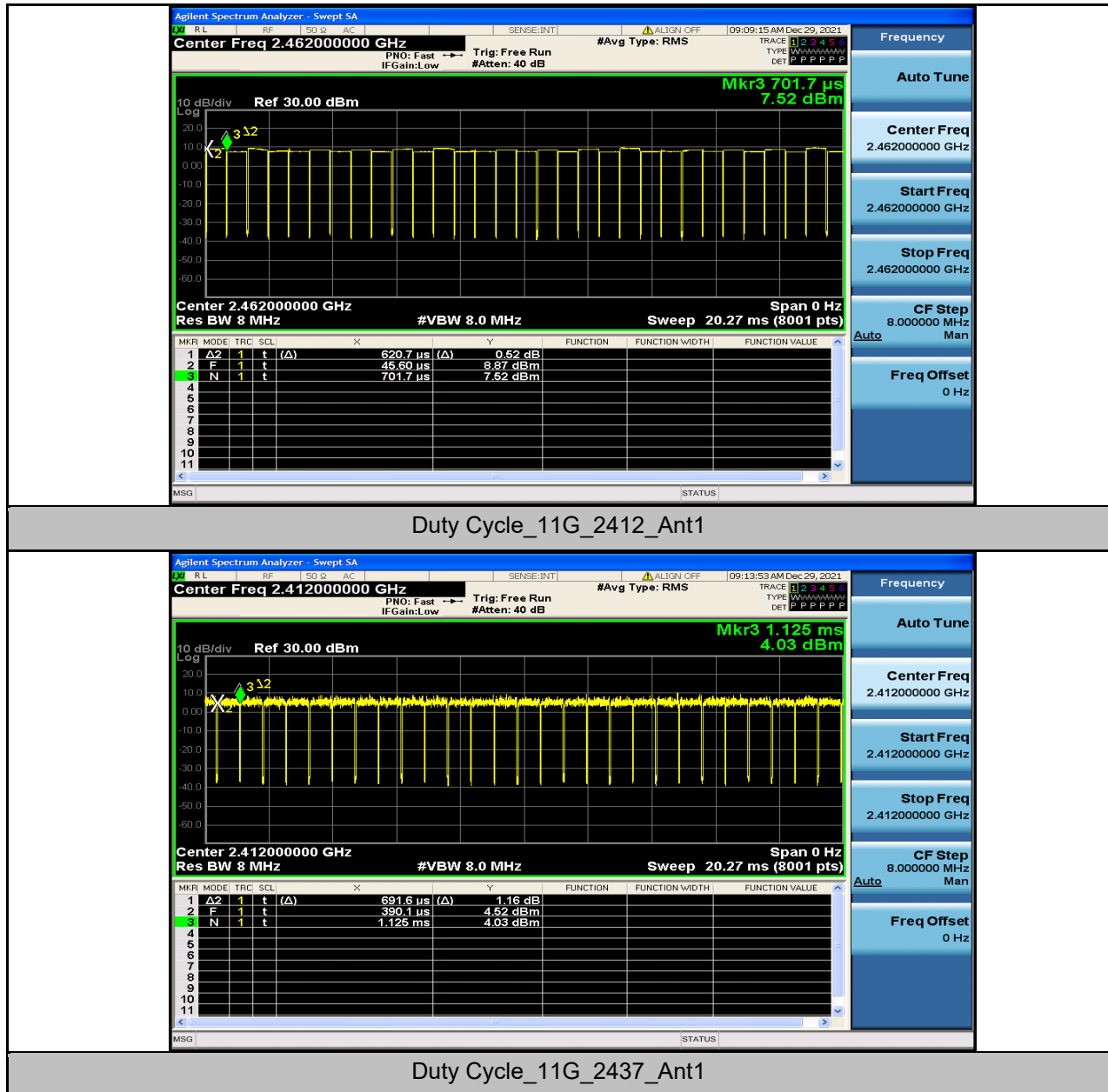


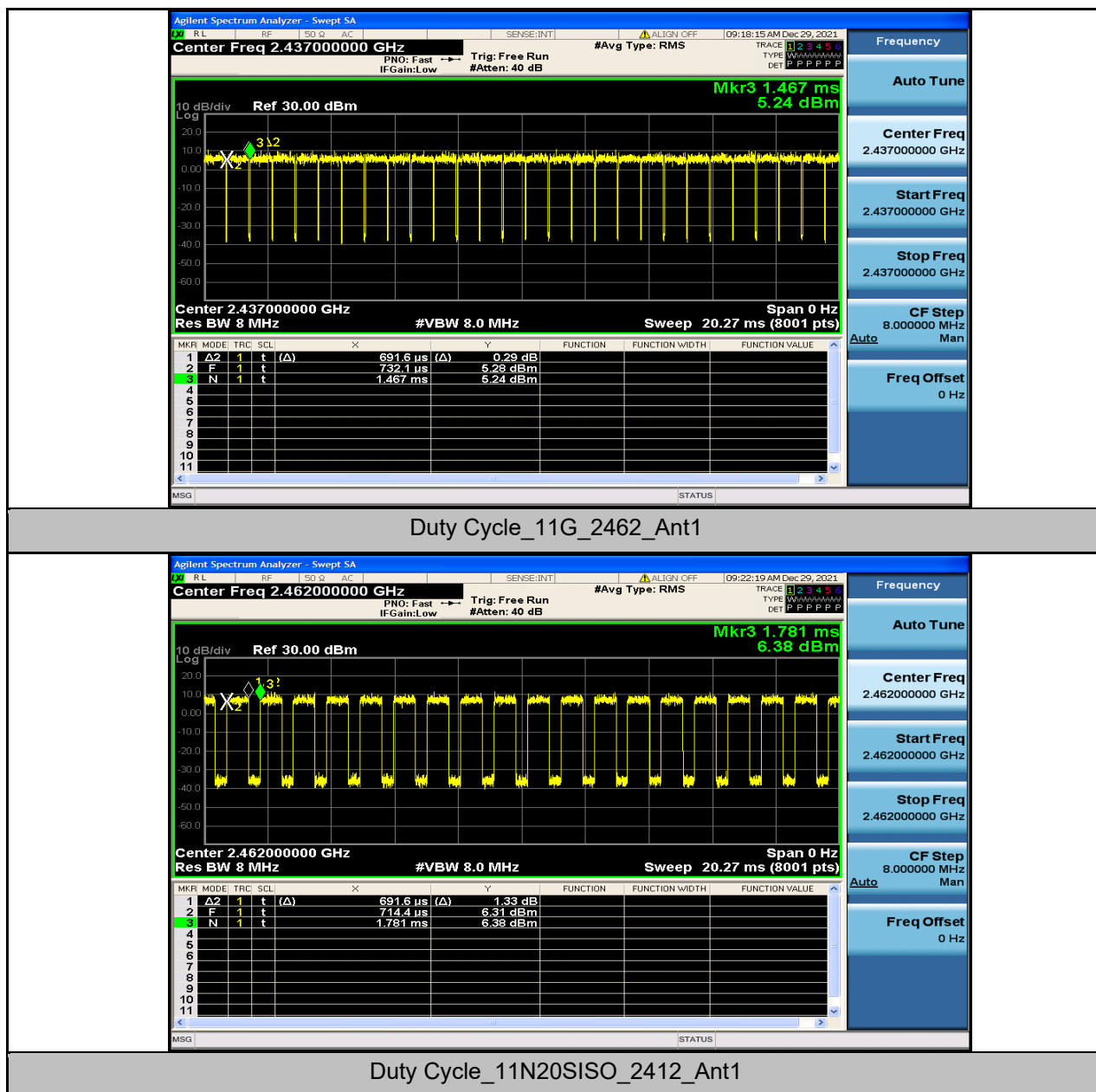
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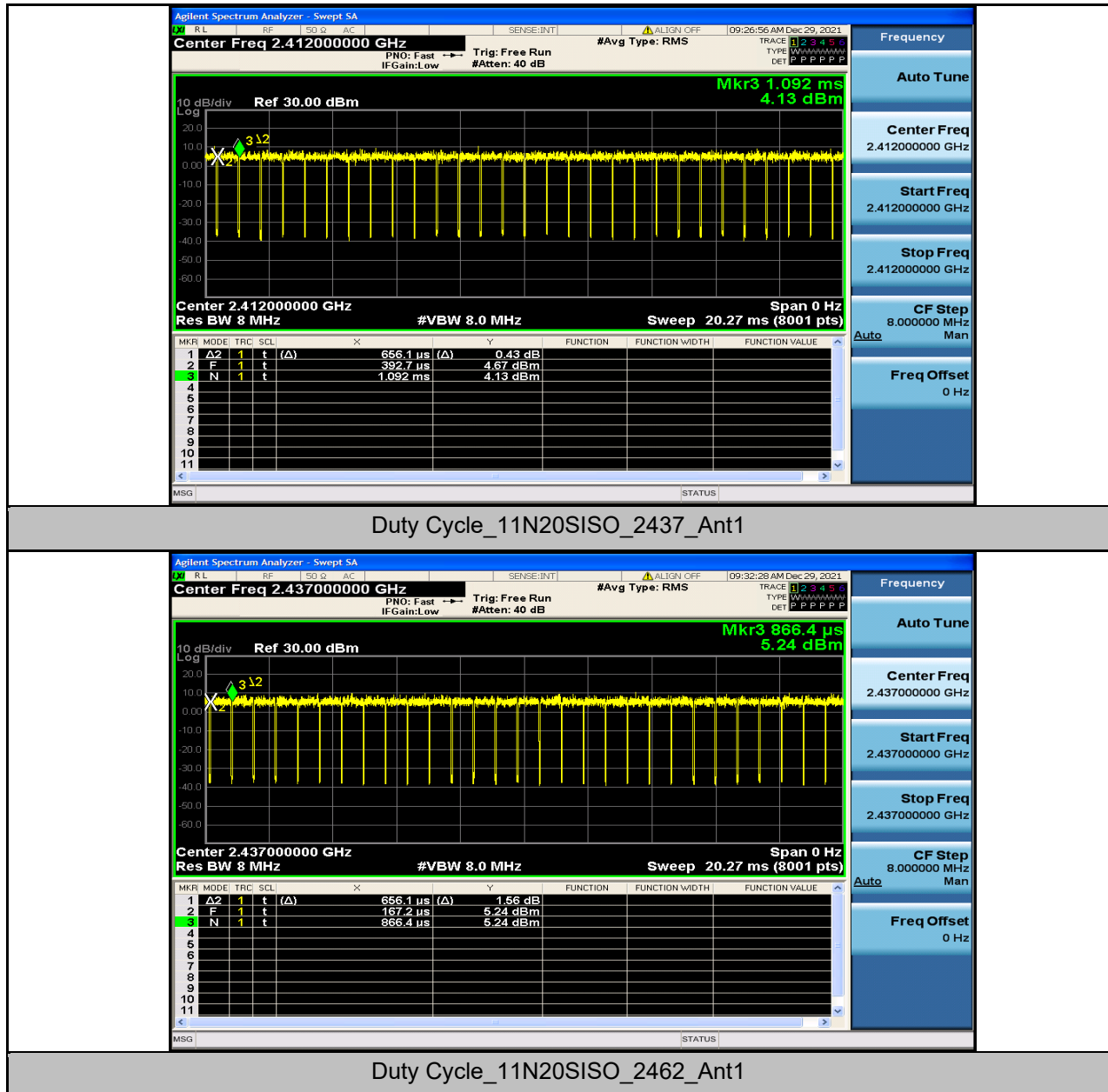
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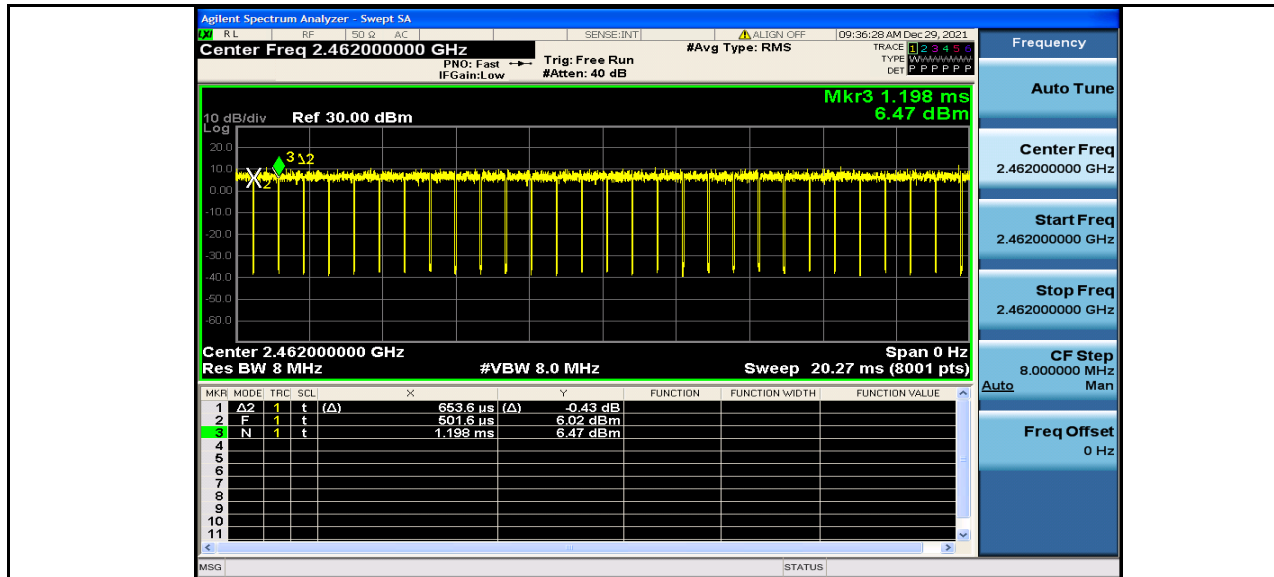


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