

Appendix 15.247

Test Result for right earbud for GZEM2007013781CR



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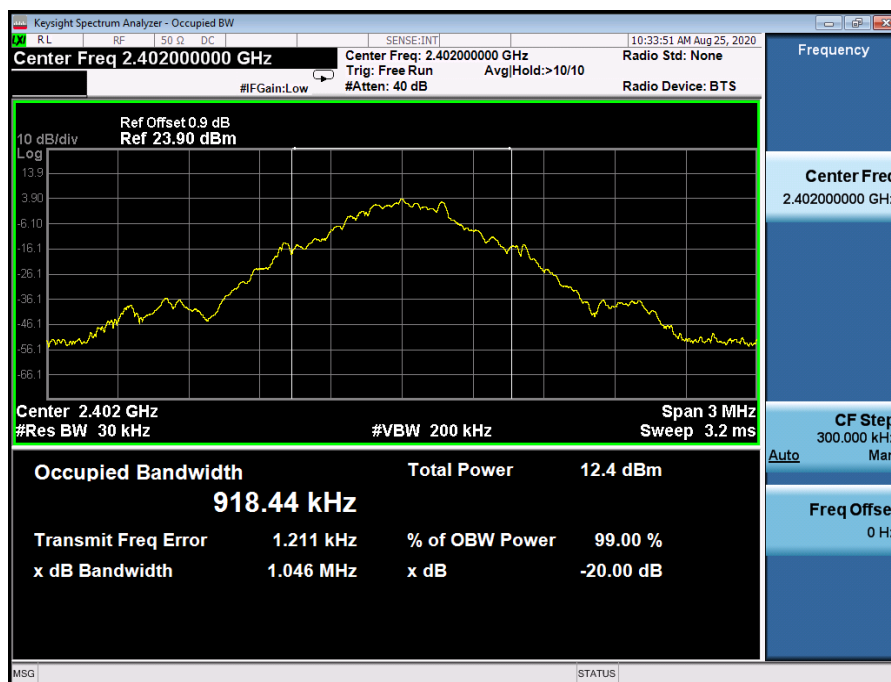
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All the conducted test performed with coaxial cable connect EUT antenna port and spectrum analyser.
The cable attenuation is 0.9dB at 2.4G band and offset the test equipment during testing.

1. 20 dB Bandwidth

Test Mode	Test Channel	20 dB Bandwidth [MHz]	Limit[MHz]	Verdict
DH5	2402	1.046	---	PASS
DH5	2441	1.043	---	PASS
DH5	2480	1.047	---	PASS
2DH5	2402	1.207	---	PASS
2DH5	2441	1.187	---	PASS
2DH5	2480	1.187	---	PASS
3DH5	2402	1.250	---	PASS
3DH5	2441	1.198	---	PASS
3DH5	2480	1.197	---	PASS

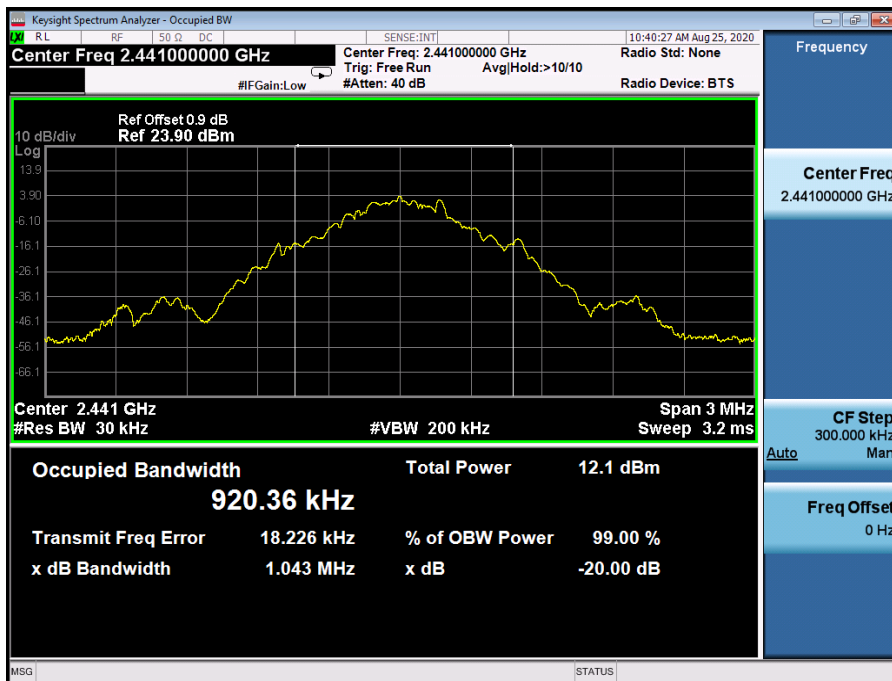
20 dB Bandwidth_DH5_2402



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20 dB Bandwidth_DH5_2441



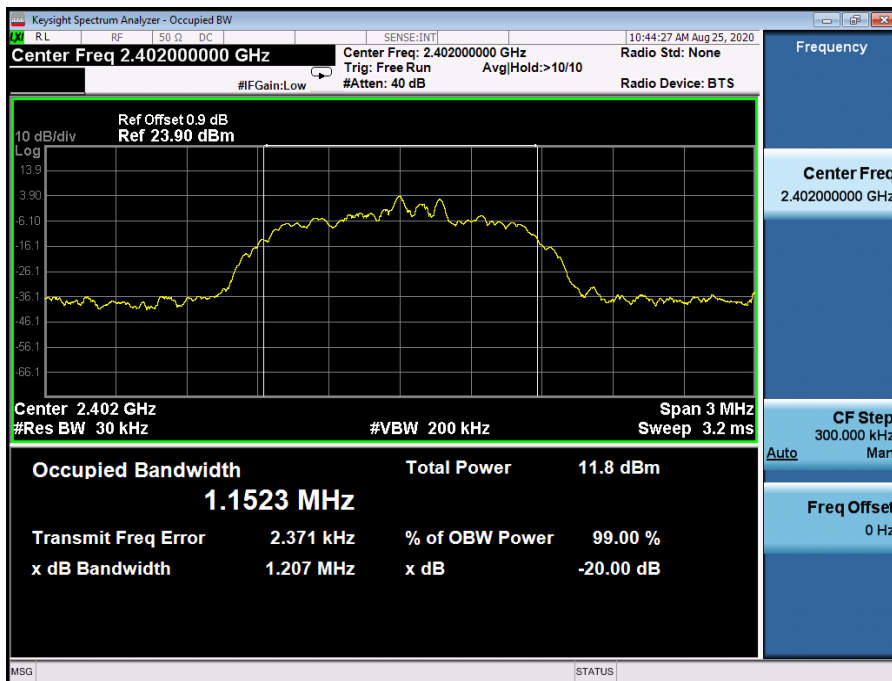
20 dB Bandwidth_DH5_2480



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20 dB Bandwidth_2DH5_2402



20 dB Bandwidth_2DH5_2441



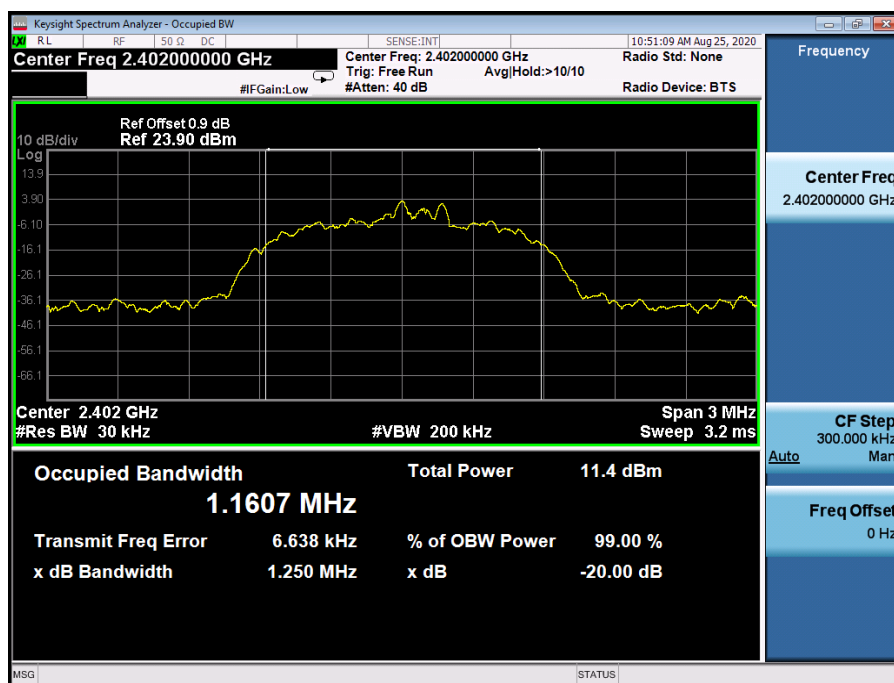
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20 dB Bandwidth_2DH5_2480



20 dB Bandwidth_3DH5_2402



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20 dB Bandwidth_3DH5_2441



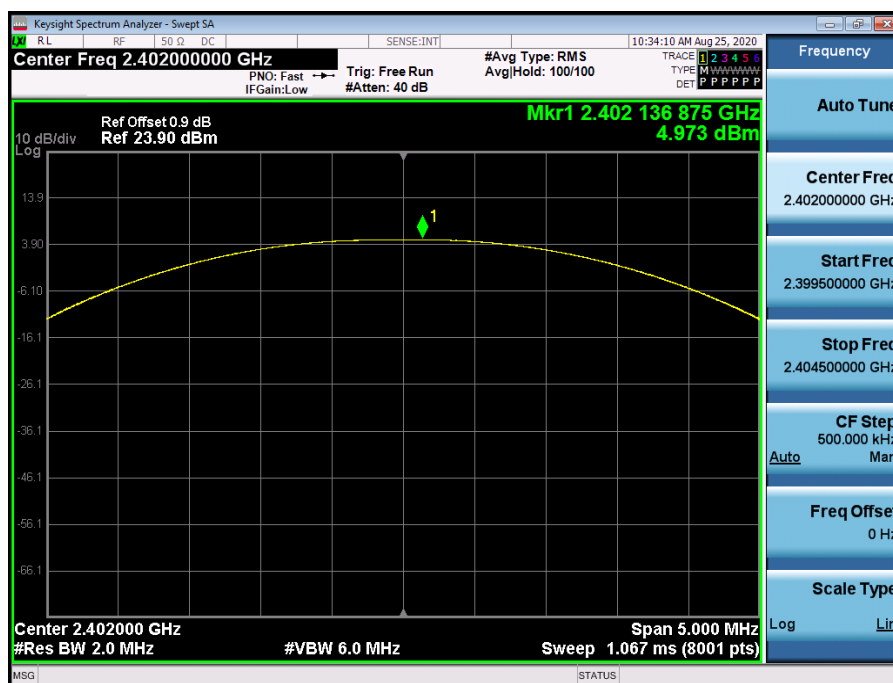
20 dB Bandwidth_3DH5_2480



2. Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
DH5	2402	4.973	<=21	PASS
DH5	2441	4.962	<=21	PASS
DH5	2480	1.227	<=21	PASS
2DH5	2402	5.008	<=21	PASS
2DH5	2441	4.902	<=21	PASS
2DH5	2480	1.271	<=21	PASS
3DH5	2402	4.734	<=21	PASS
3DH5	2441	4.797	<=21	PASS
3DH5	2480	1.154	<=21	PASS

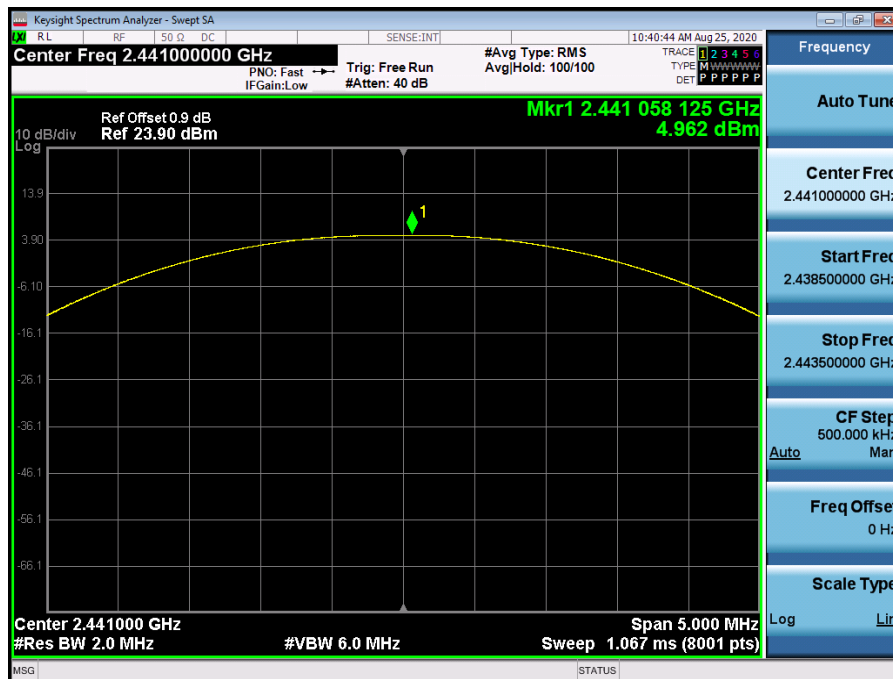
Conducted Peak Output Power_DH5_2402



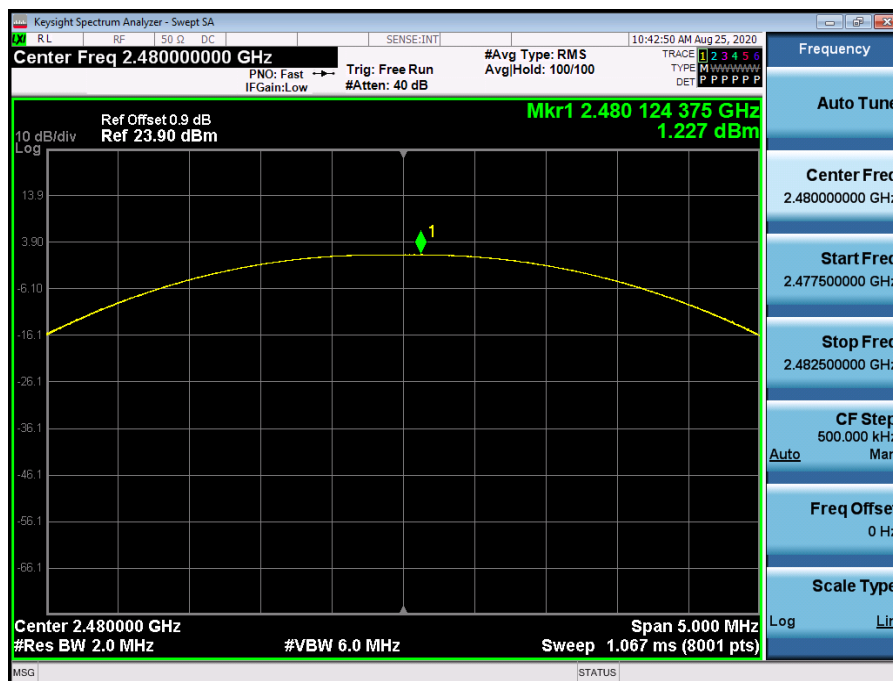
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Conducted Peak Output Power_DH5_2441



Conducted Peak Output Power_DH5_2480



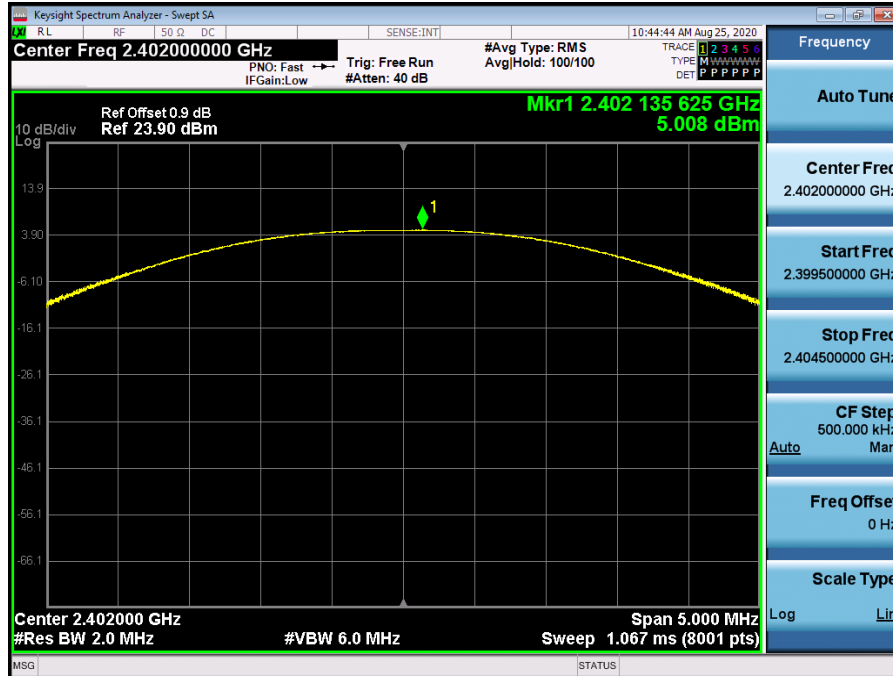
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Conducted Peak Output Power_2DH5_2402



Conducted Peak Output Power_2DH5_2441



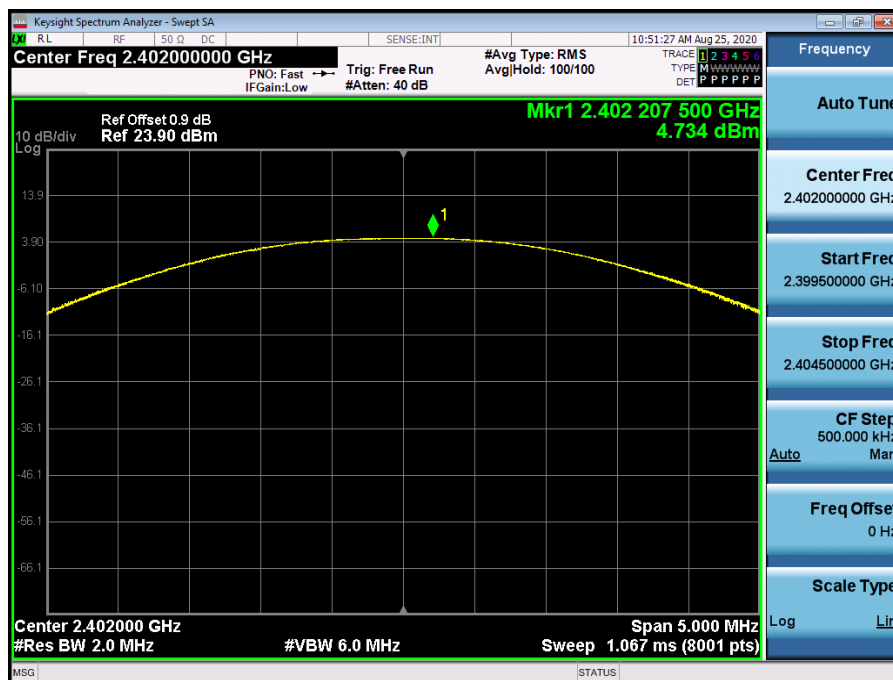
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Conducted Peak Output Power_2DH5_2480



Conducted Peak Output Power_3DH5_2402



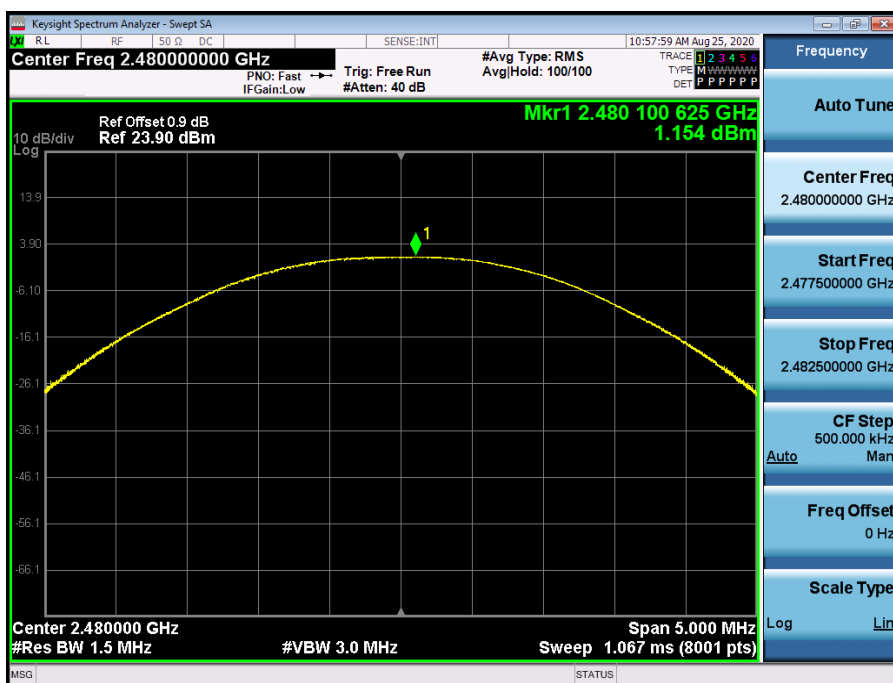
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Conducted Peak Output Power_3DH5_2441



Conducted Peak Output Power_3DH5_2480



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3. Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	2402	1.012	>0.697	PASS
DH5	2441	0.996	>0.695	PASS
DH5	2480	1.175	>0.698	PASS

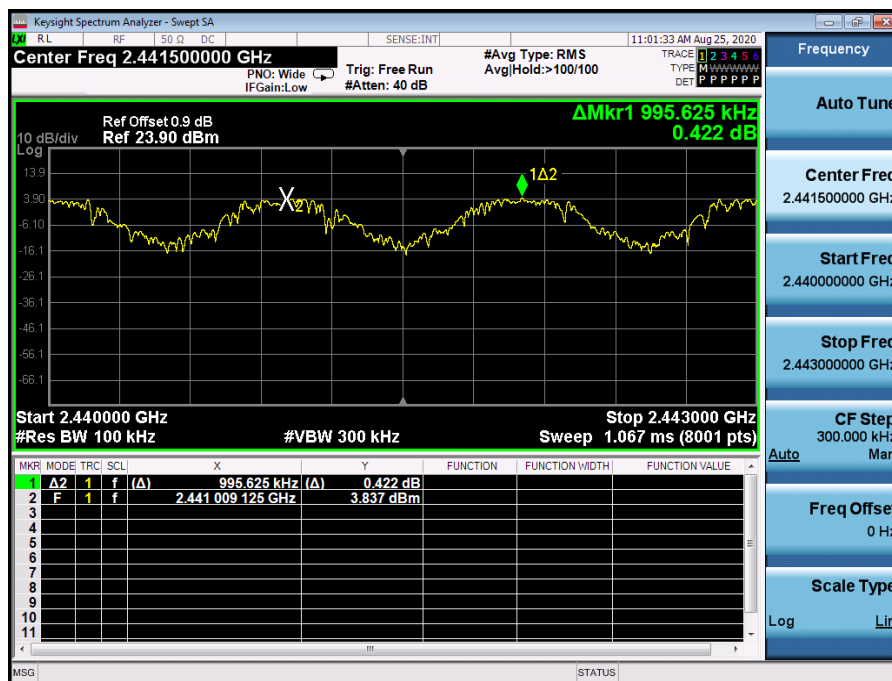
Carrier Frequency Separation_DH5_2402



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Carrier Frequency Separation_DH5_2441



Carrier Frequency Separation_DH5_2480



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4. Dwell Time

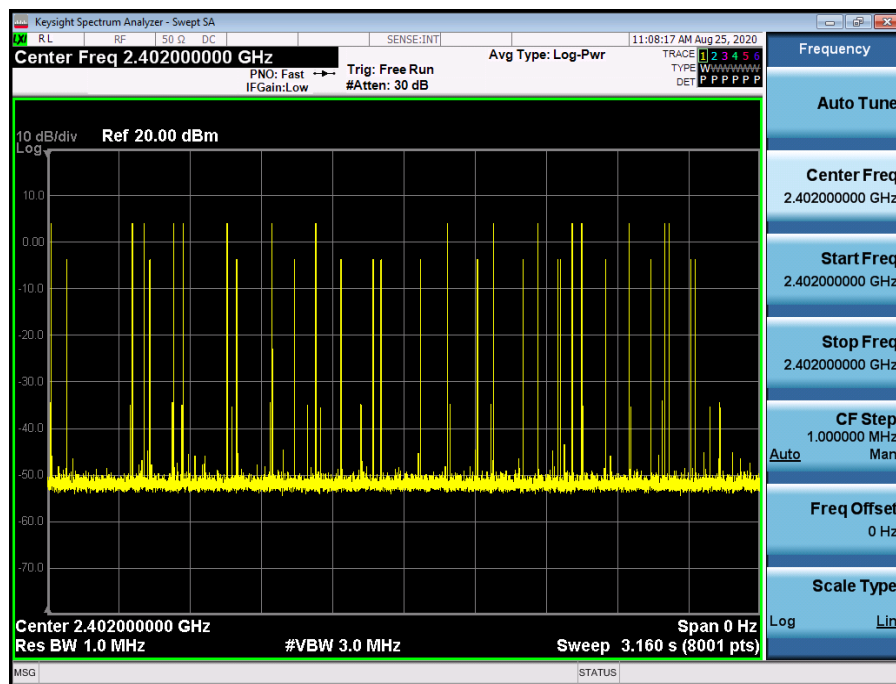
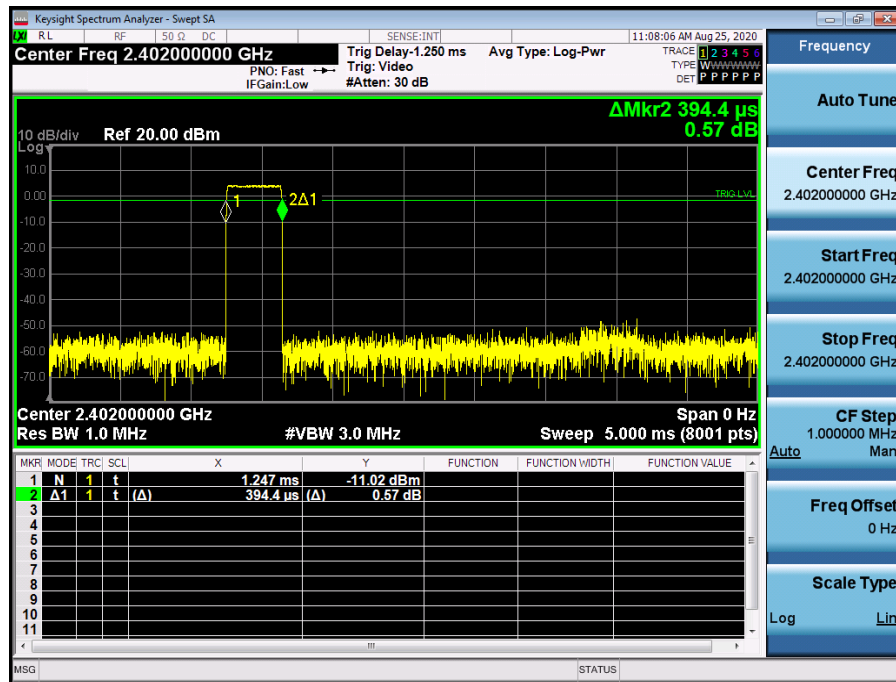
Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
DH1	2402	0.39	160	0.06	<0.4	PASS
DH1	2441	0.39	180	0.07	<0.4	PASS
DH1	2480	0.39	150	0.06	<0.4	PASS
DH3	2402	1.65	170	0.28	<0.4	PASS
DH3	2441	1.65	130	0.21	<0.4	PASS
DH3	2480	1.65	100	0.17	<0.4	PASS
DH5	2402	2.90	70	0.20	<0.4	PASS
DH5	2441	2.89	60	0.17	<0.4	PASS
DH5	2480	2.89	80	0.23	<0.4	PASS
2DH1	2402	0.40	140	0.06	<0.4	PASS
2DH1	2441	0.40	130	0.05	<0.4	PASS
2DH1	2480	0.40	150	0.06	<0.4	PASS
2DH3	2402	1.65	120	0.20	<0.4	PASS
2DH3	2441	1.65	80	0.13	<0.4	PASS
2DH3	2480	1.65	140	0.23	<0.4	PASS
2DH5	2402	2.90	70	0.20	<0.4	PASS
2DH5	2441	2.90	60	0.17	<0.4	PASS
2DH5	2480	2.90	70	0.20	<0.4	PASS
3DH1	2402	0.40	150	0.06	<0.4	PASS
3DH1	2441	0.40	160	0.06	<0.4	PASS
3DH1	2480	0.40	170	0.07	<0.4	PASS
3DH3	2402	1.65	120	0.20	<0.4	PASS
3DH3	2441	1.65	90	0.15	<0.4	PASS
3DH3	2480	1.65	130	0.21	<0.4	PASS
3DH5	2402	2.90	70	0.20	<0.4	PASS
3DH5	2441	2.90	60	0.17	<0.4	PASS
3DH5	2480	2.90	70	0.20	<0.4	PASS



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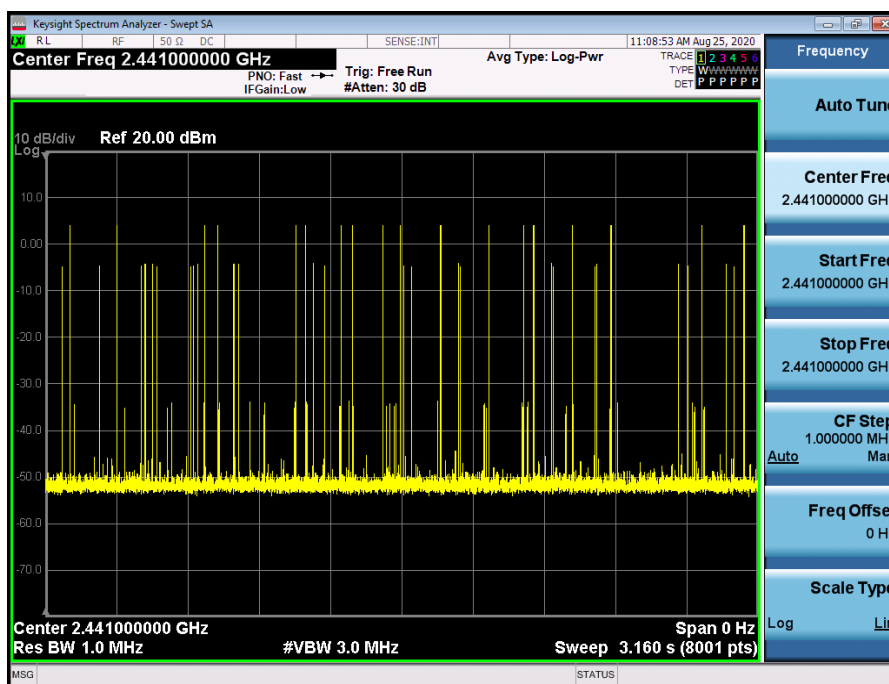
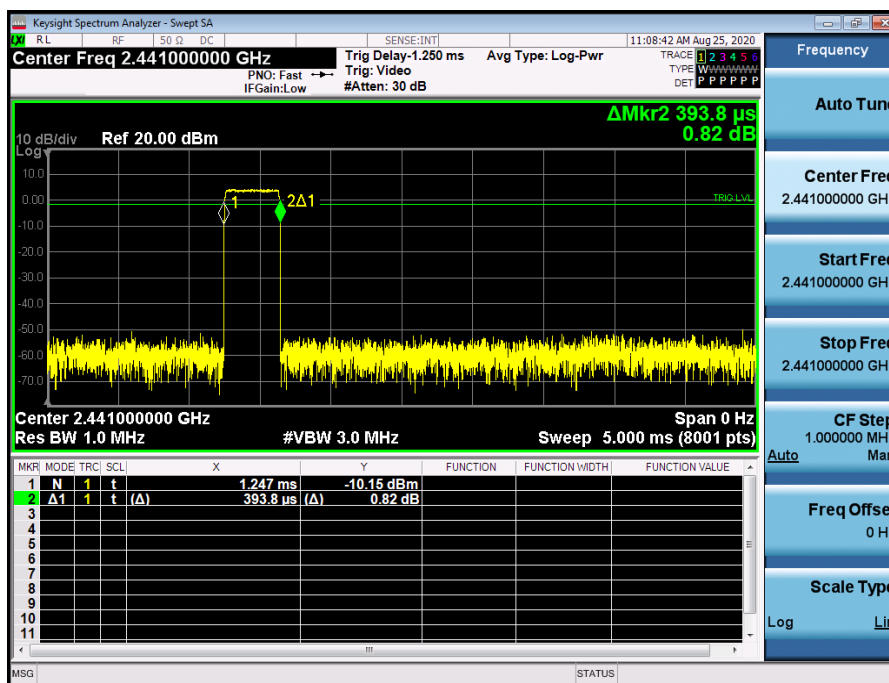
Dwell Time_DH1_2402



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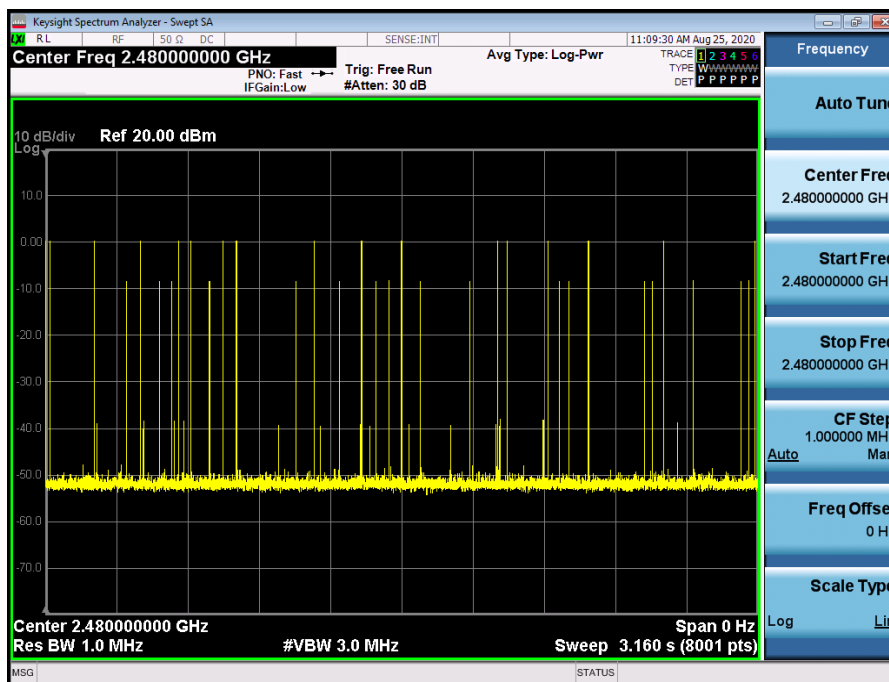
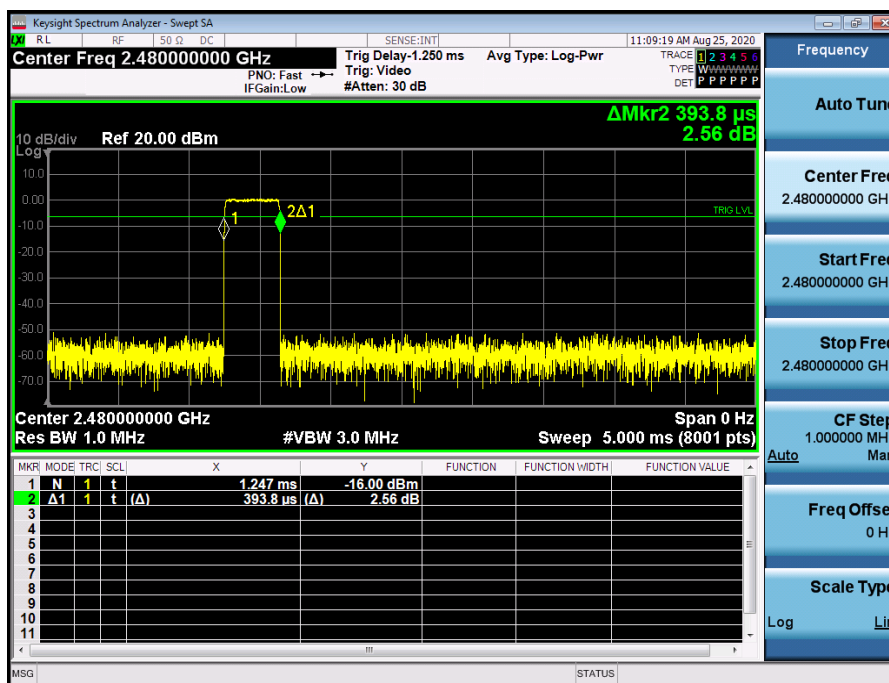
Dwell Time_DH1_2441



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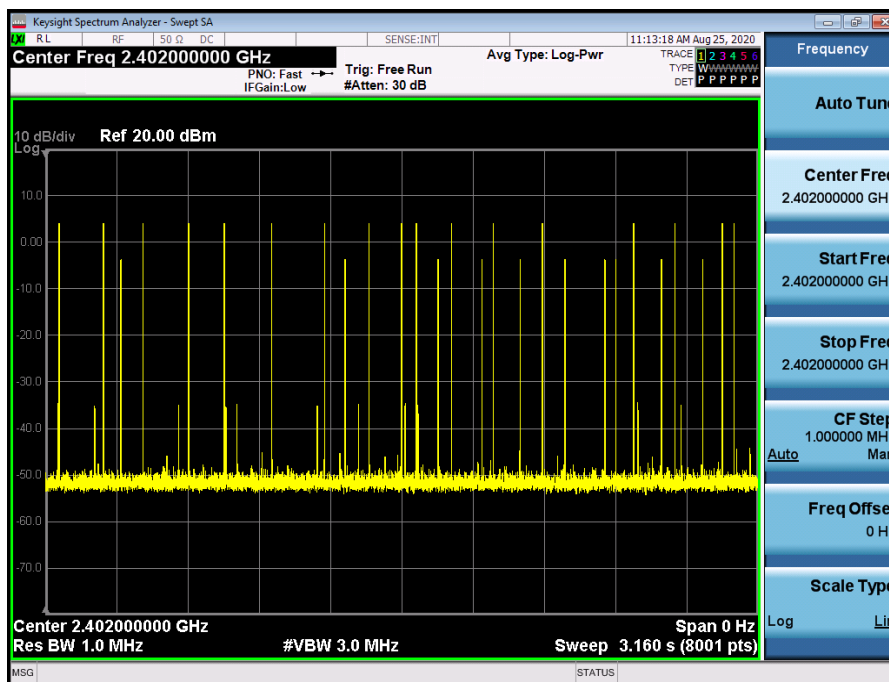
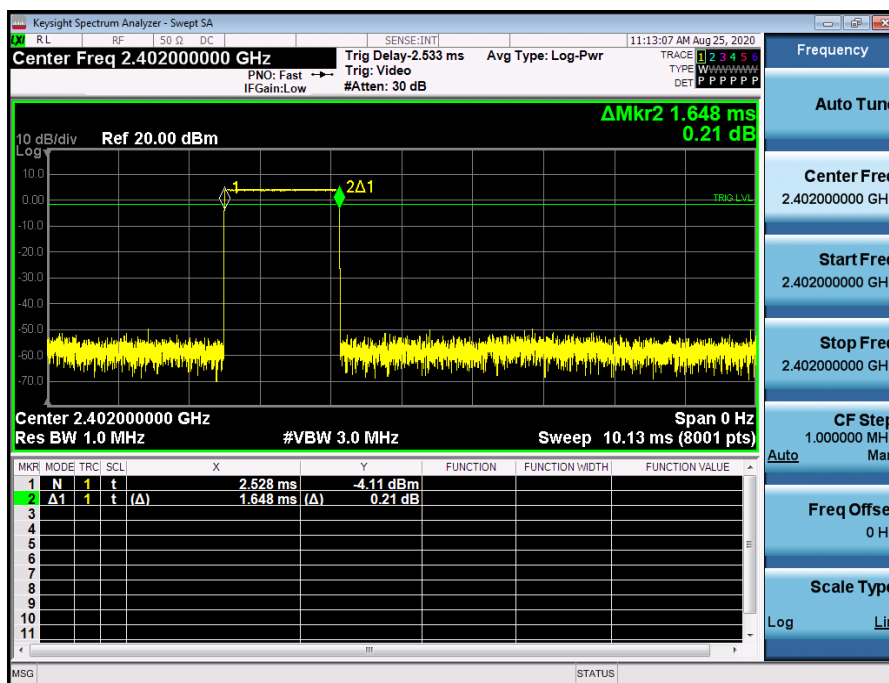
Dwell Time_DH1_2480



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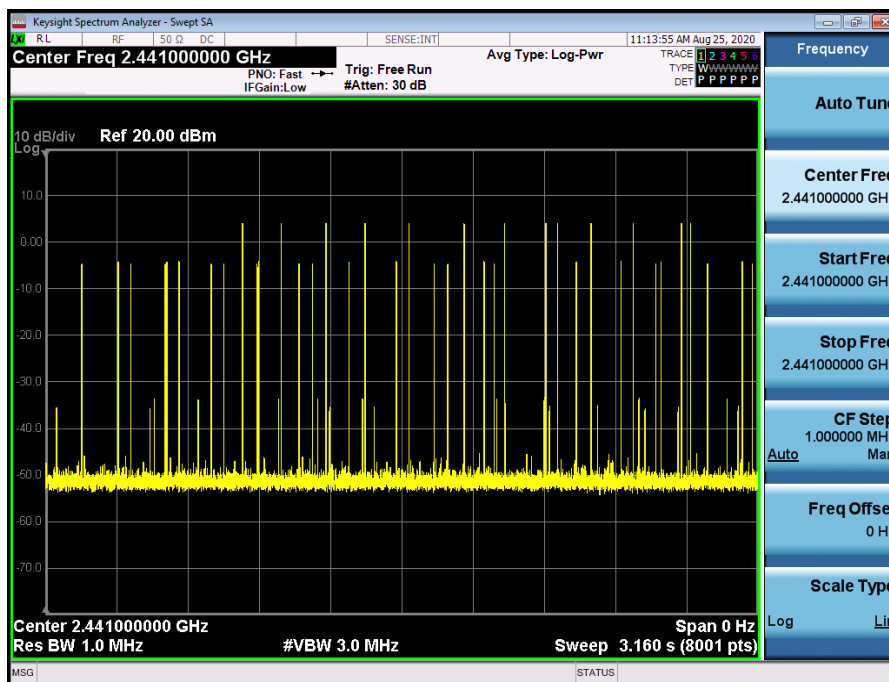
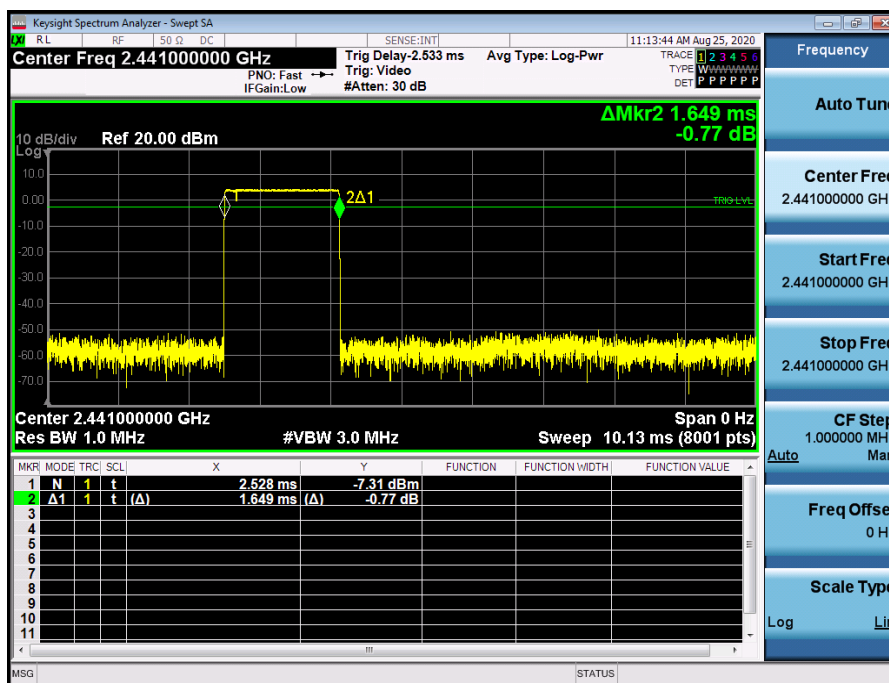
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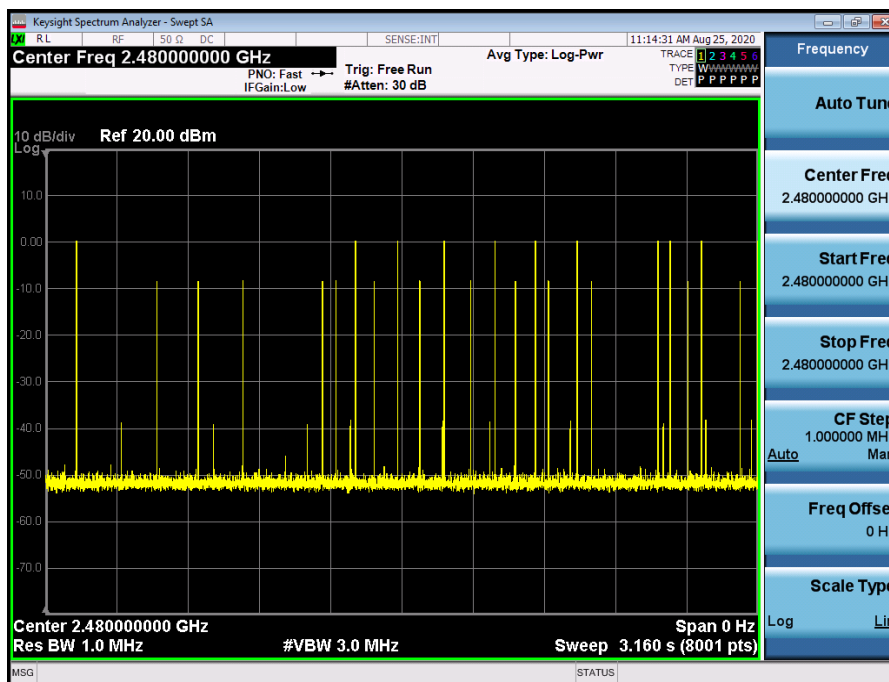
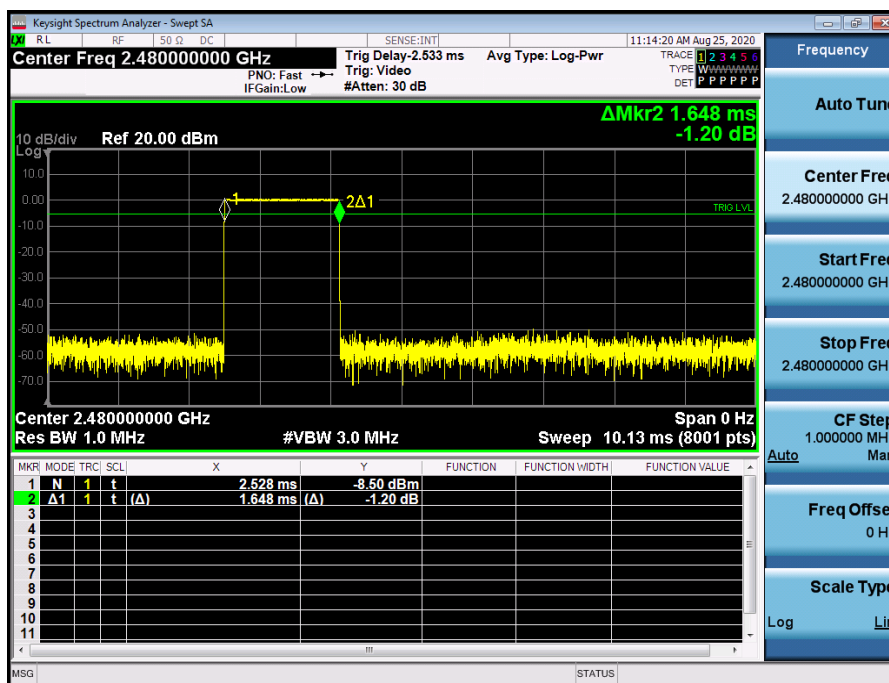
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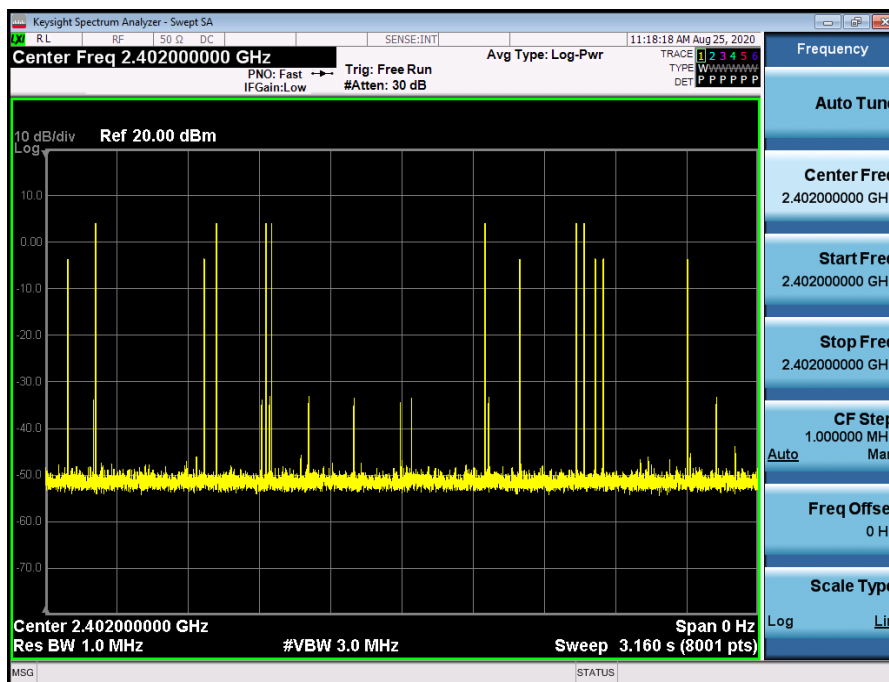
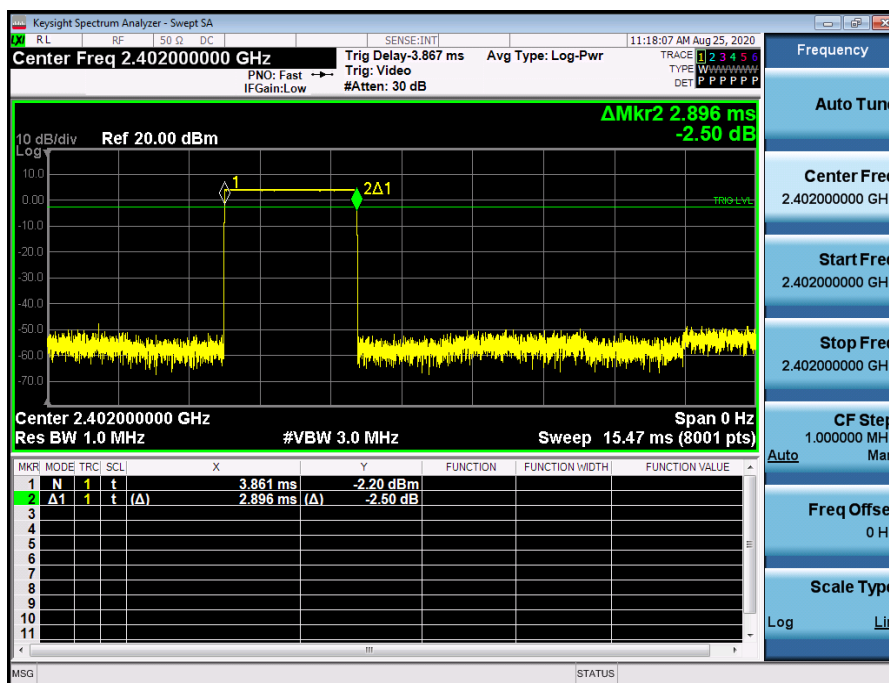
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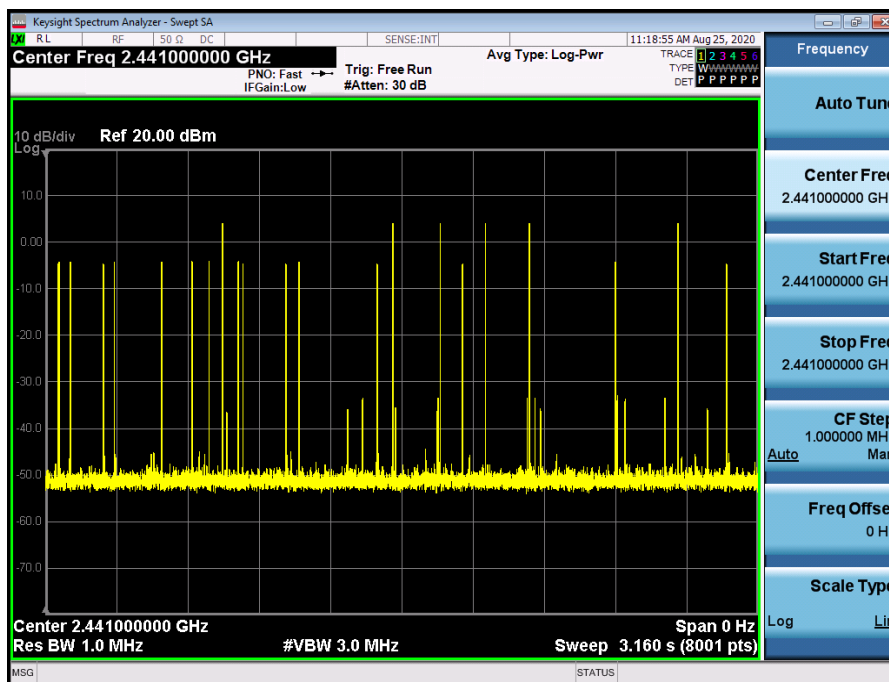
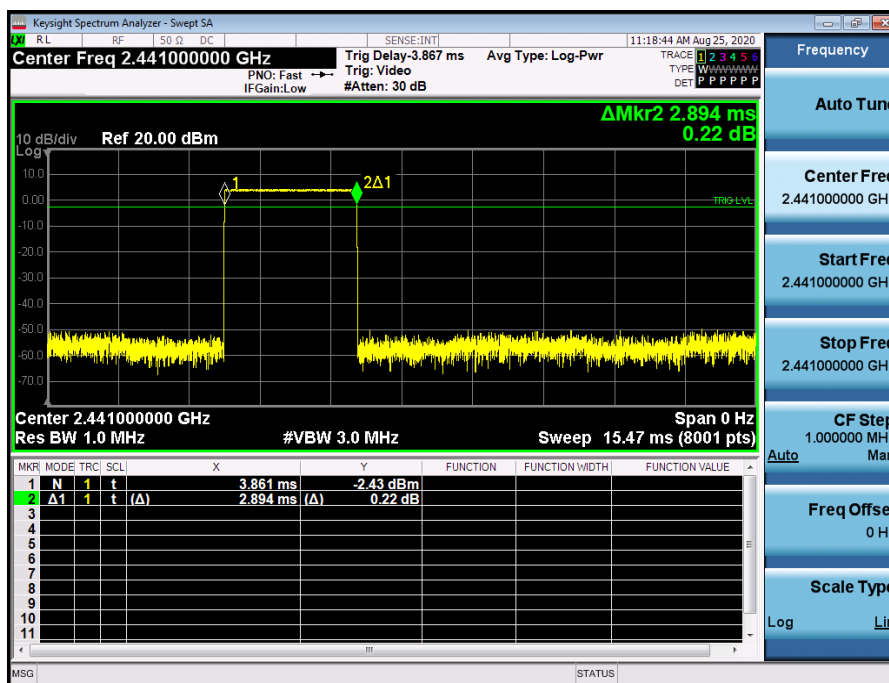
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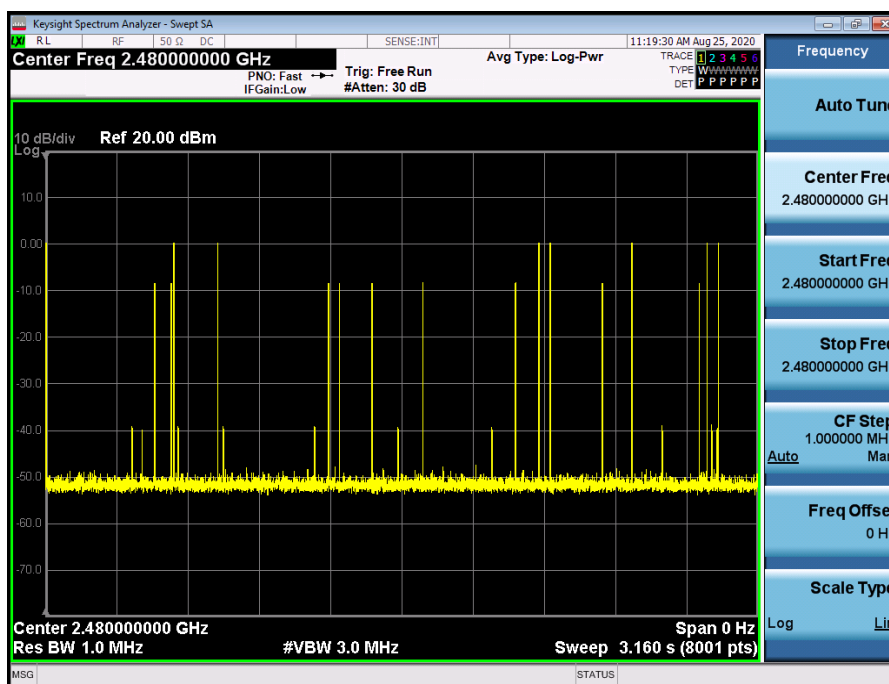
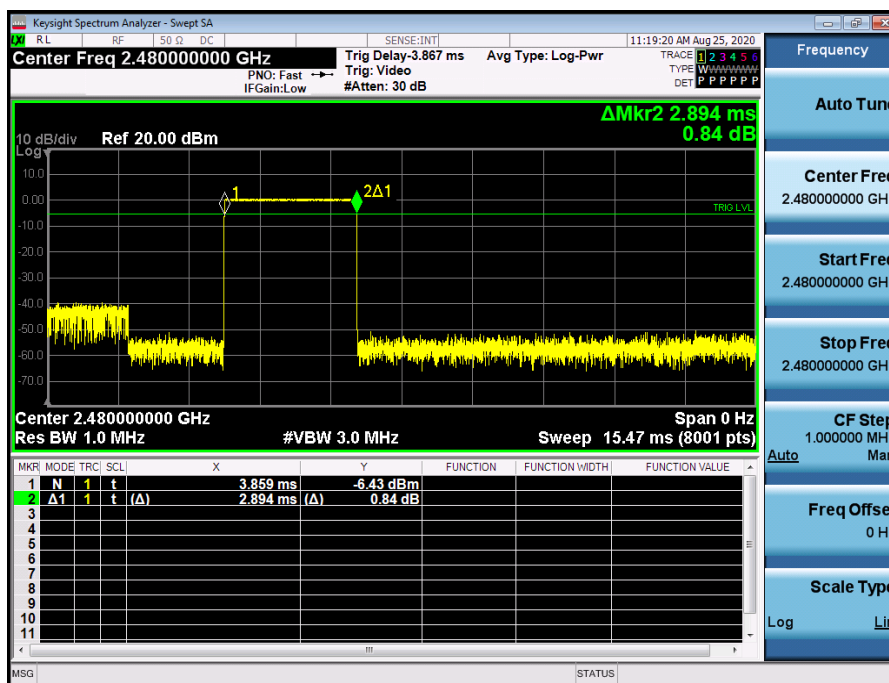
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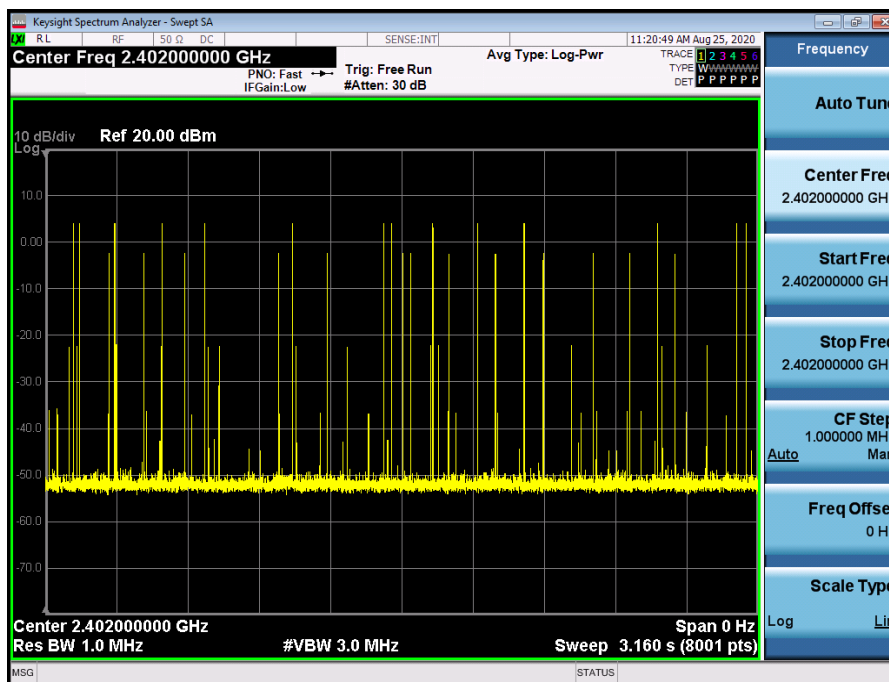
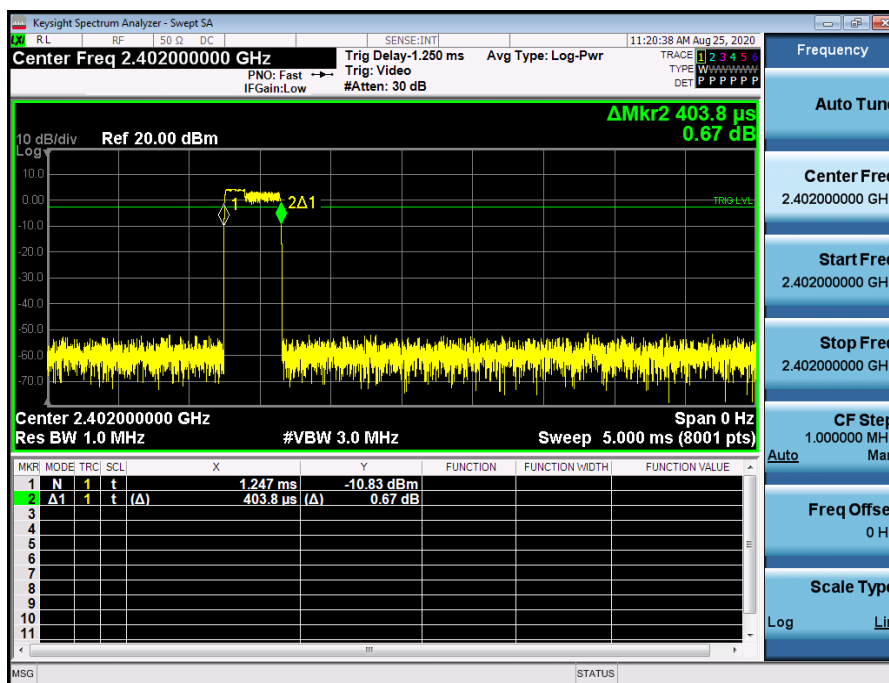
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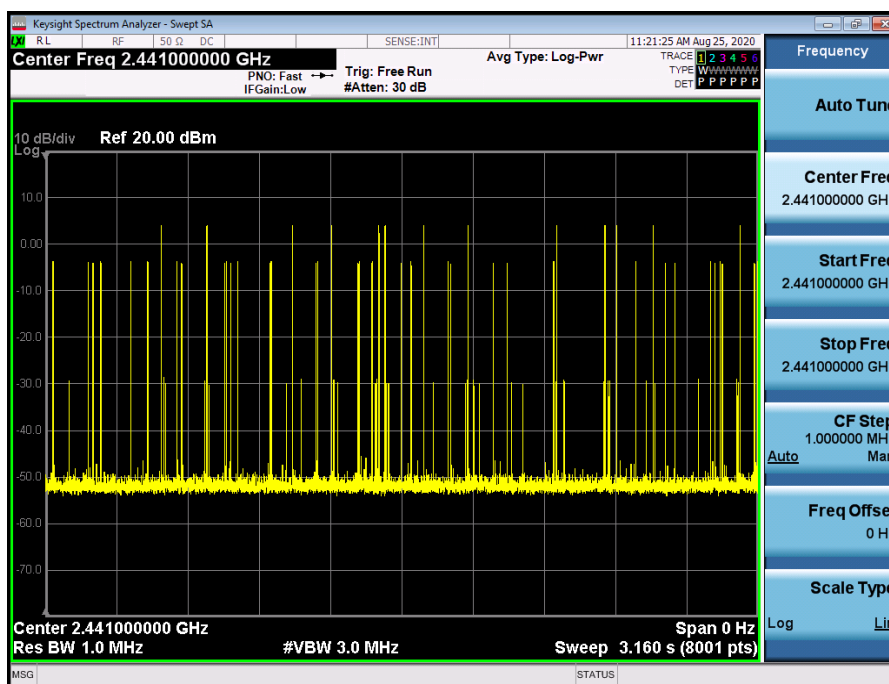
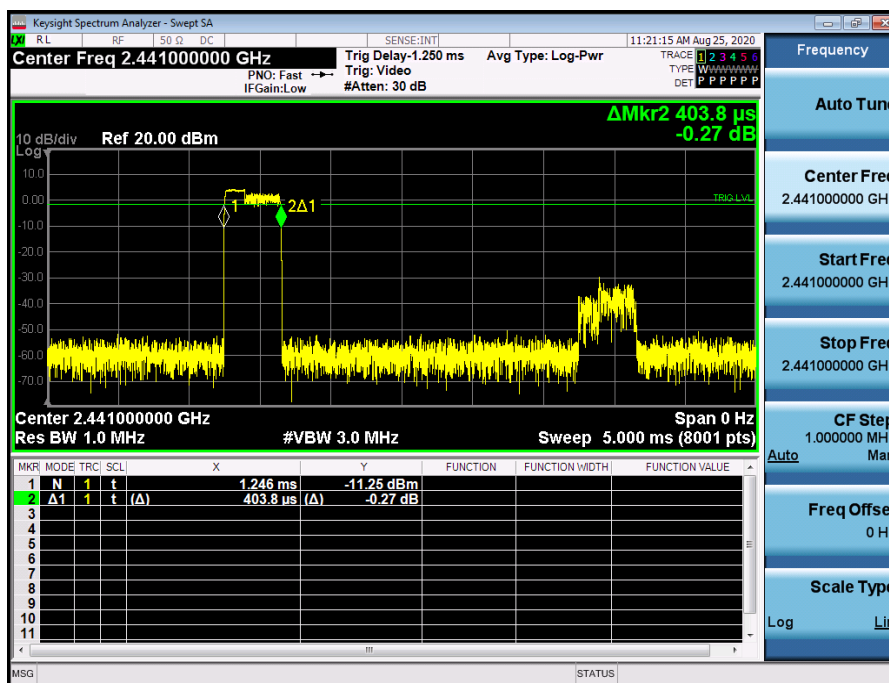
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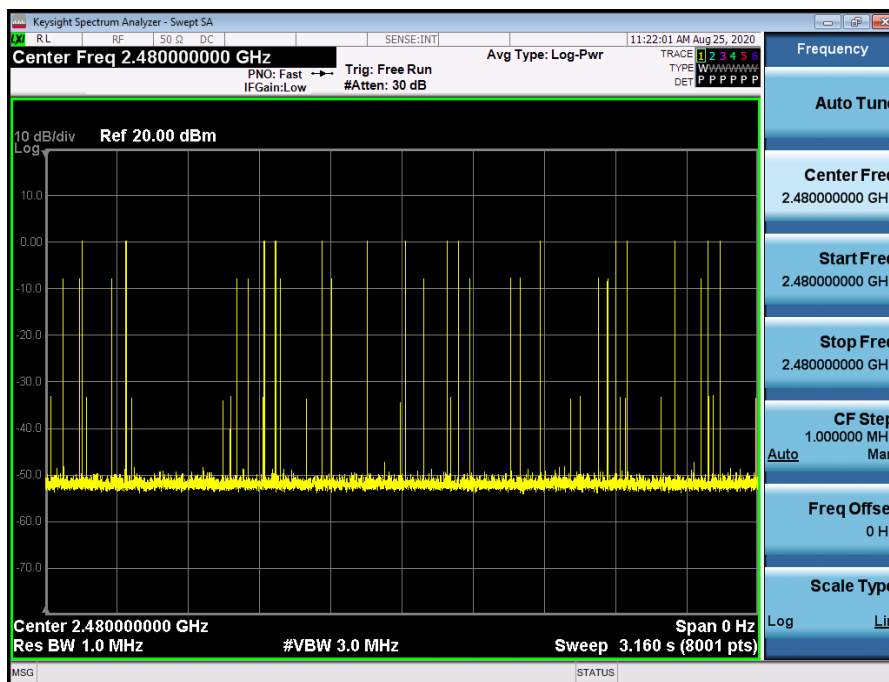
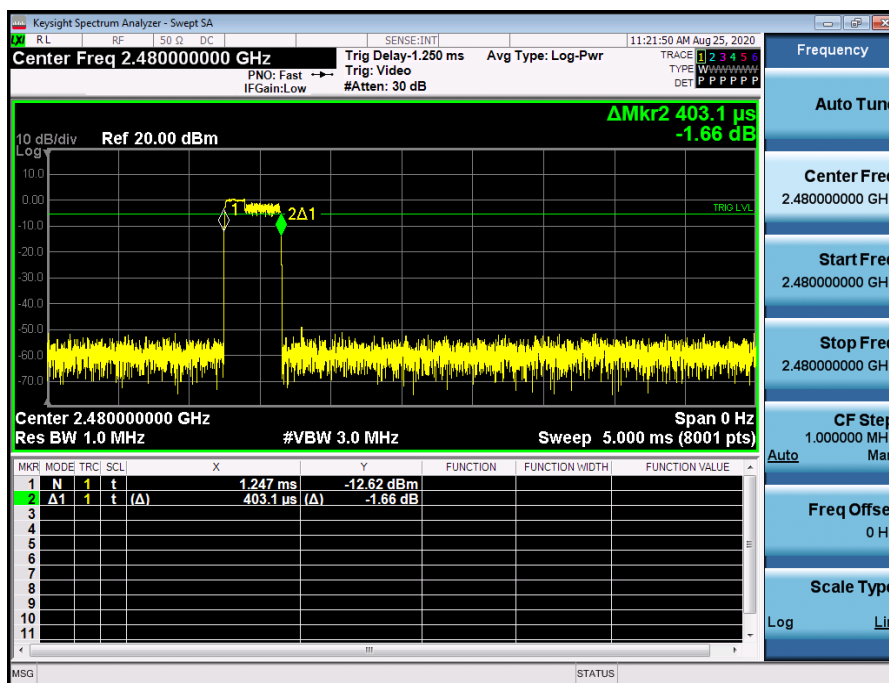
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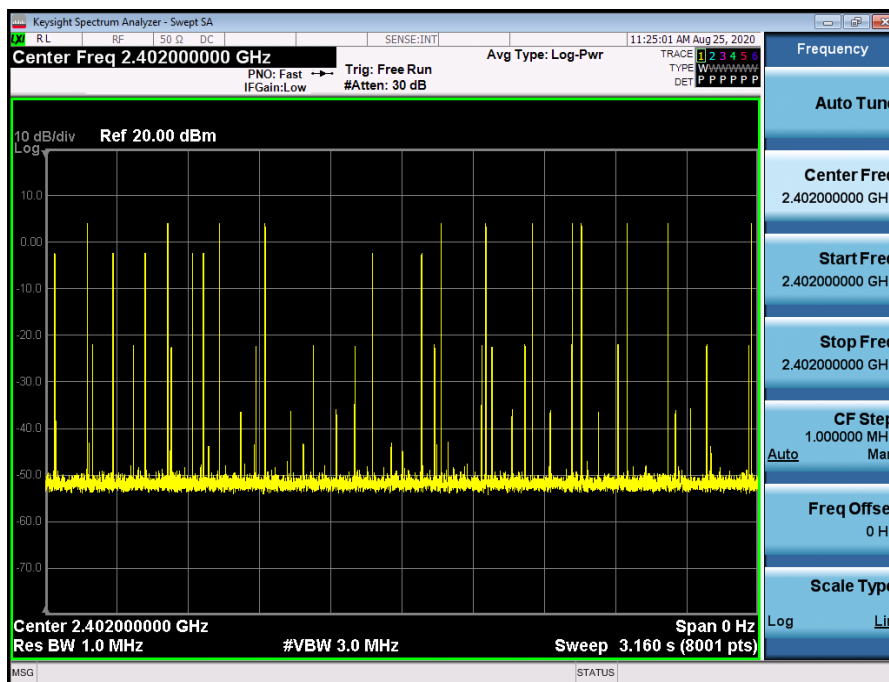
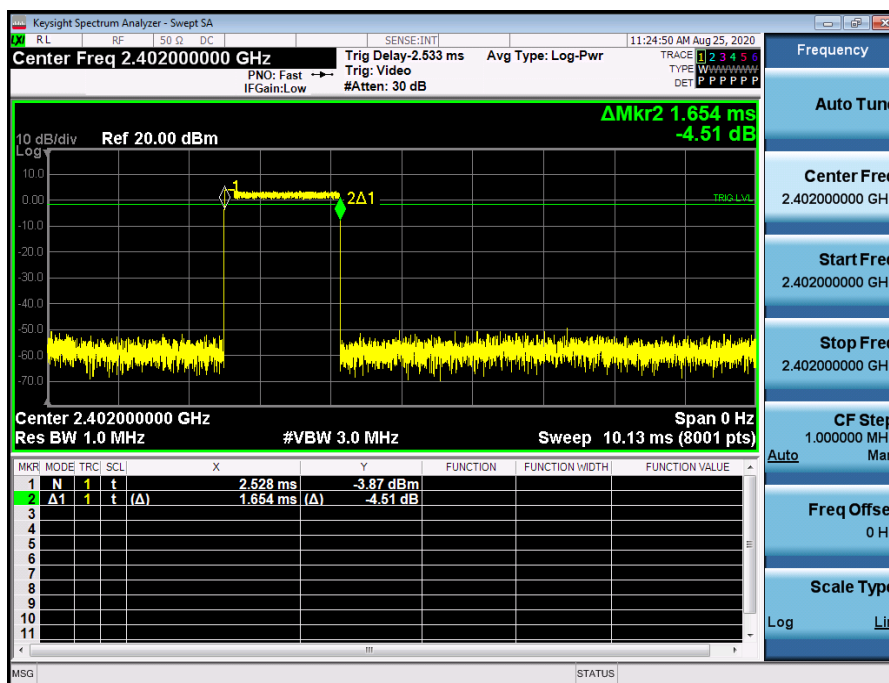
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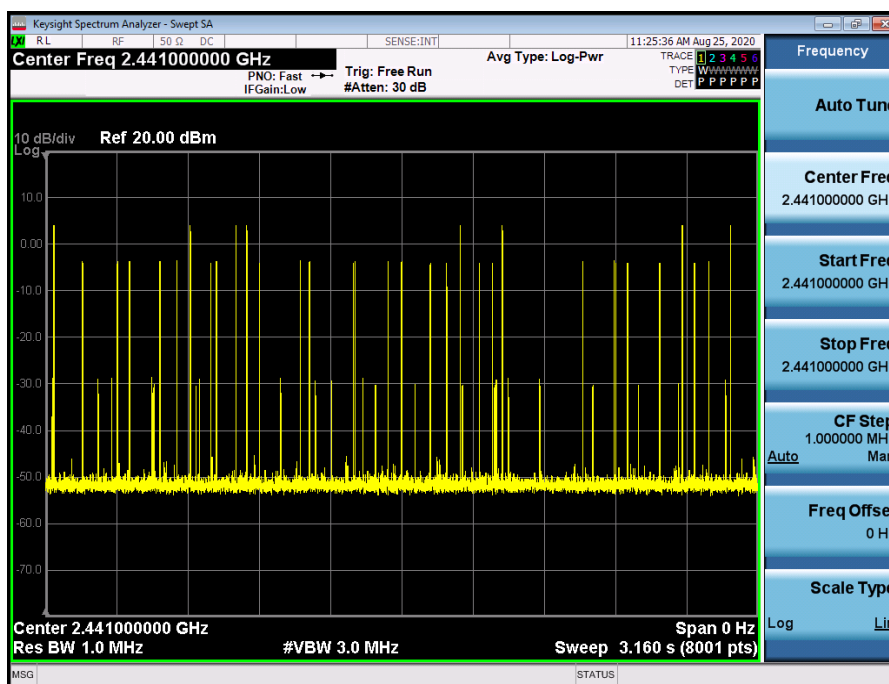
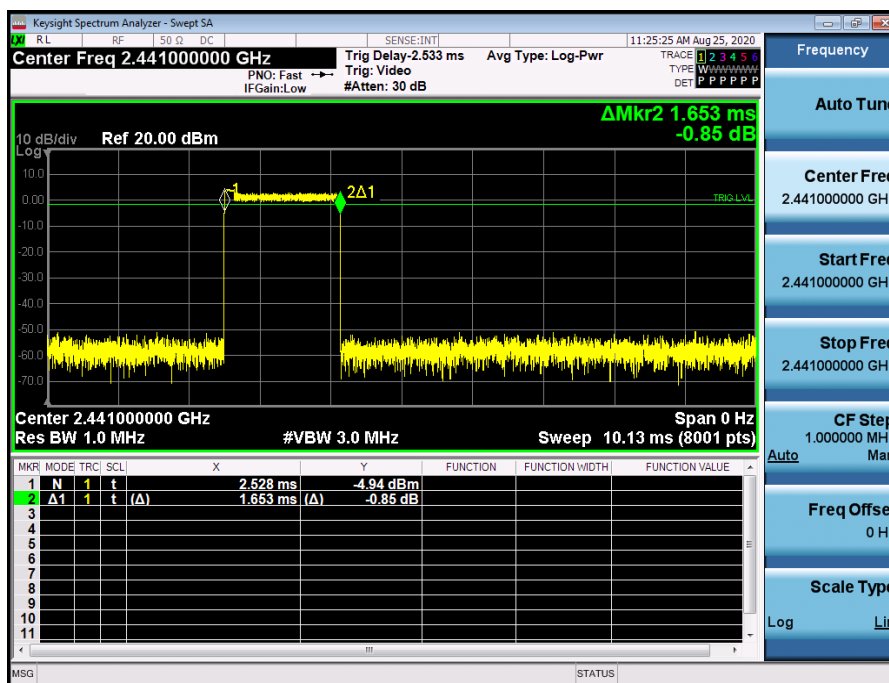
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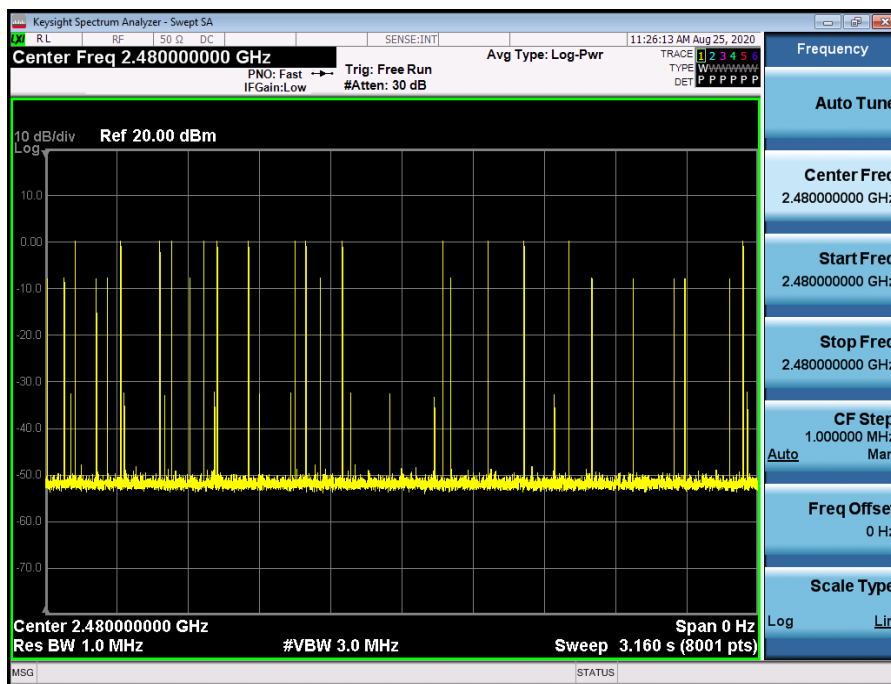
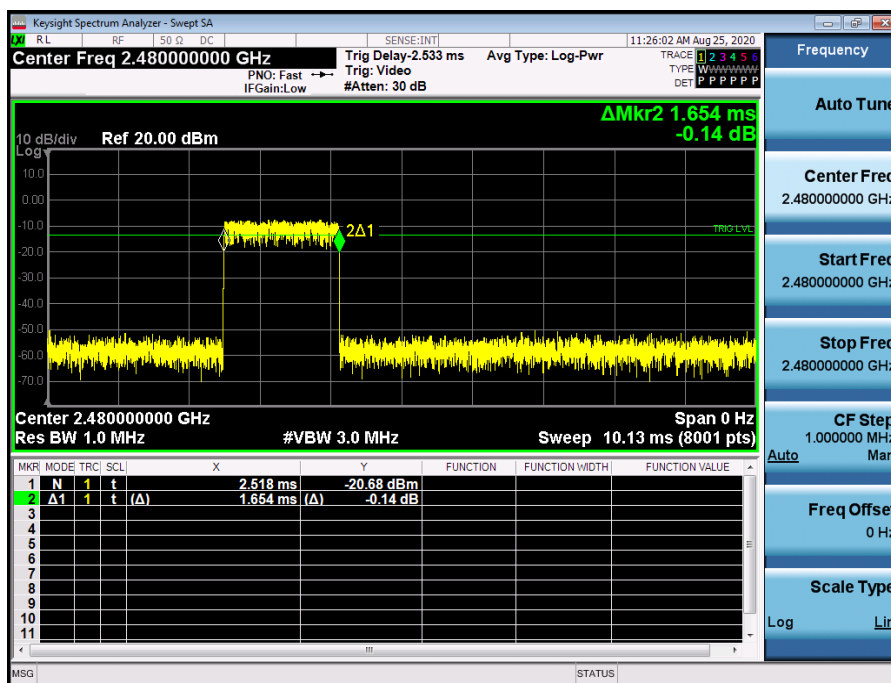
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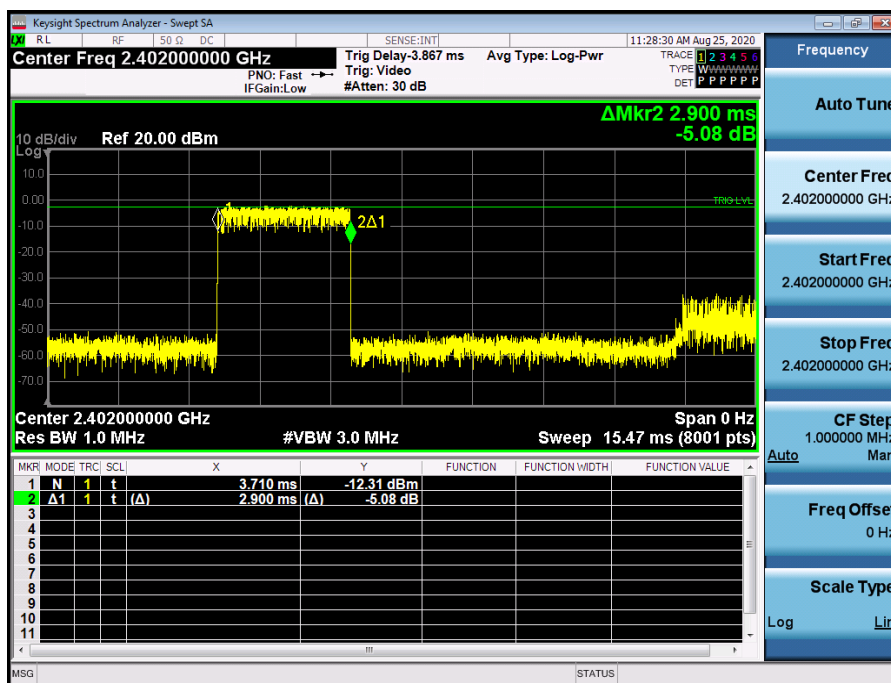
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