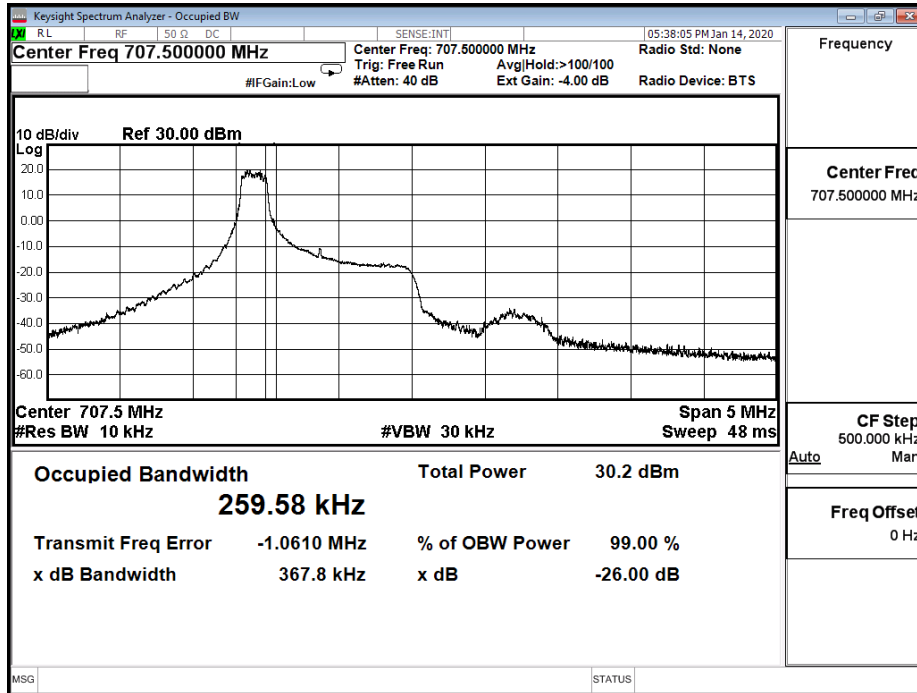
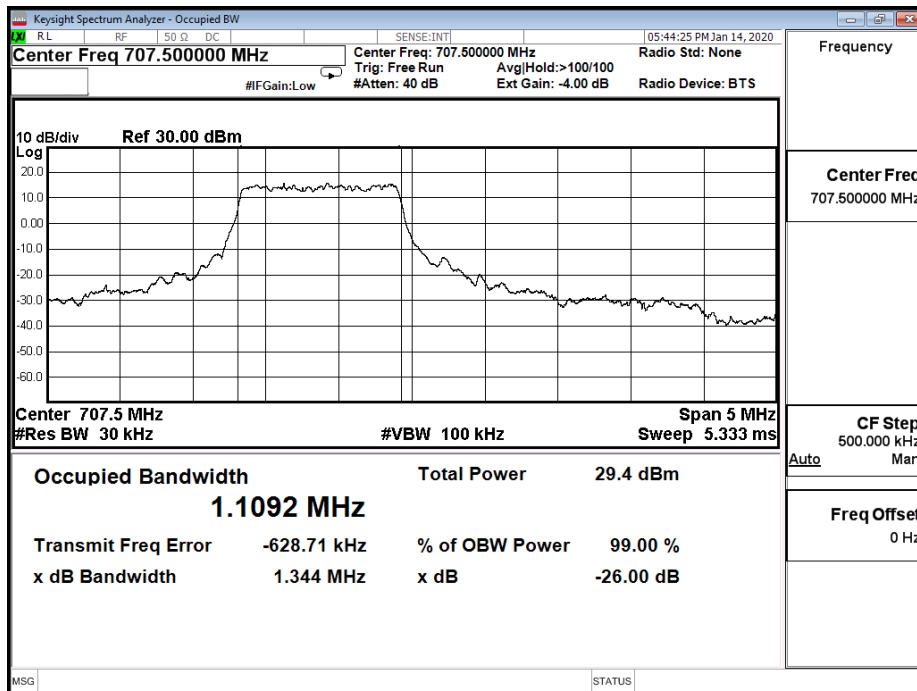


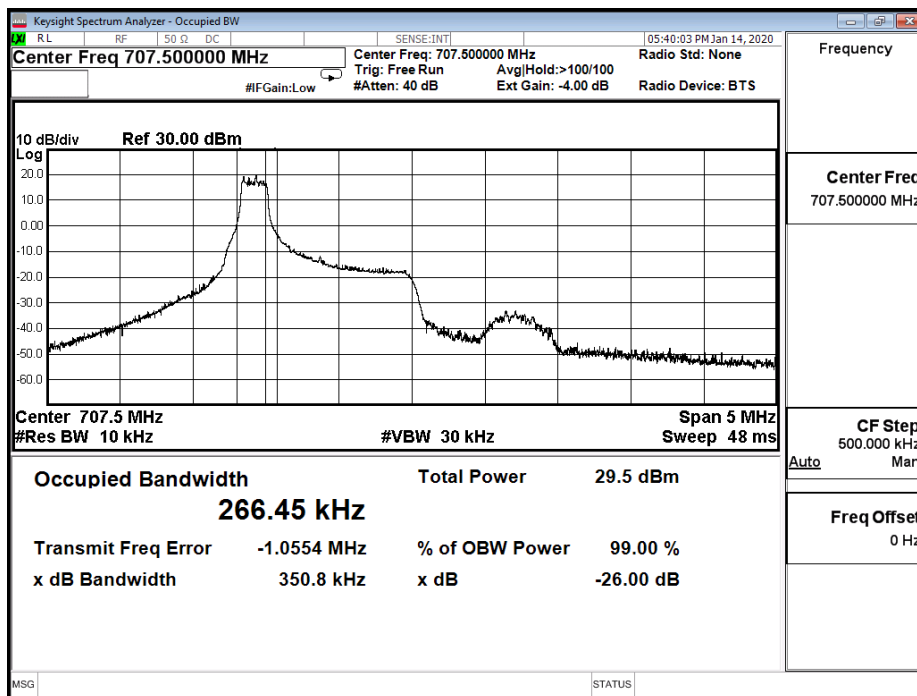
B12\_CH23095\_3M\_QPSK\_1RB0



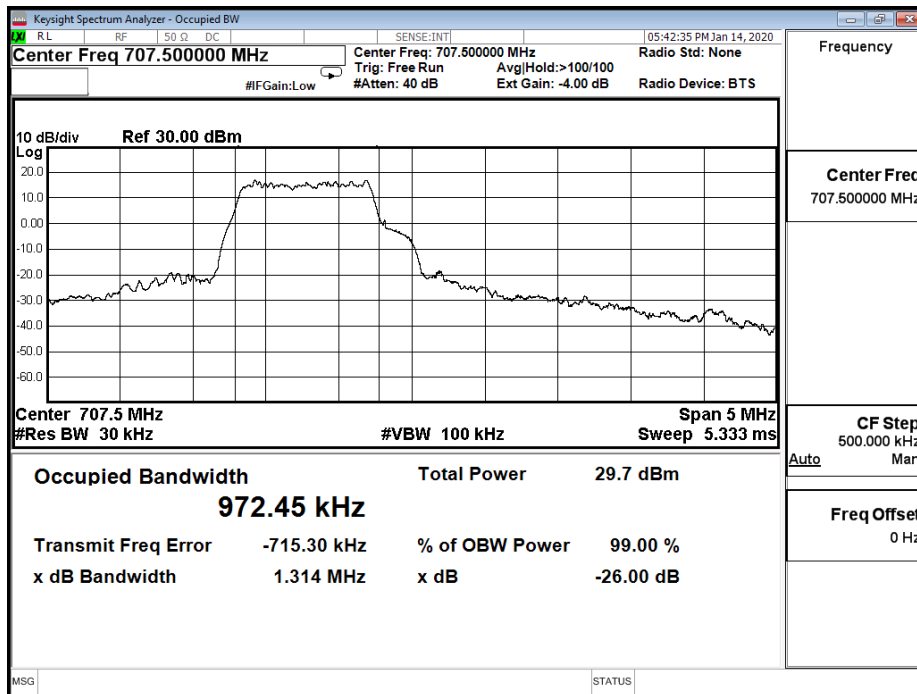
B12\_CH23095\_3M\_QPSK\_6RB0



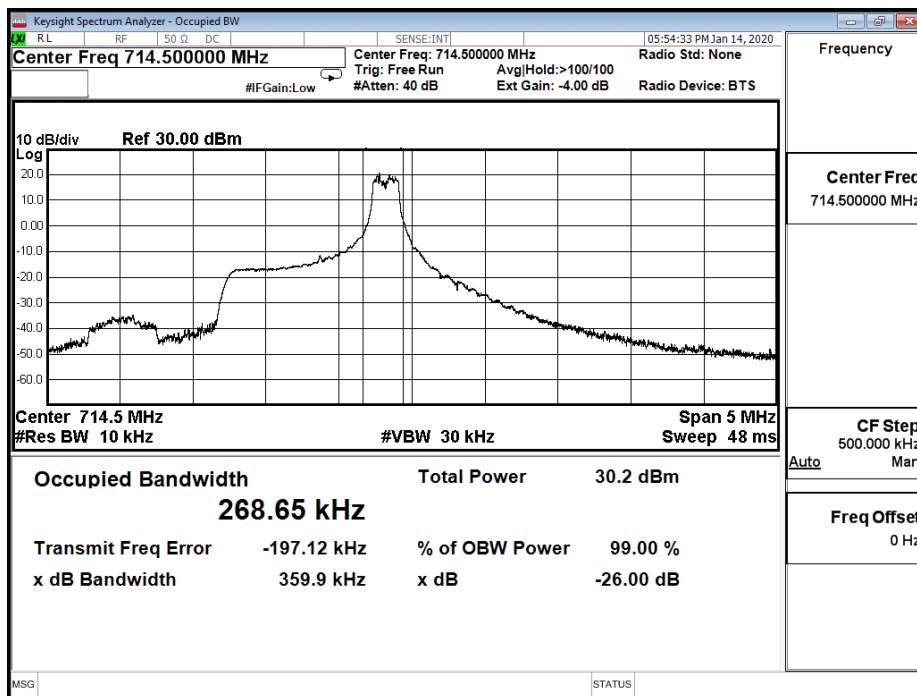
B12\_CH23095\_3M\_16-QAM\_1RB0



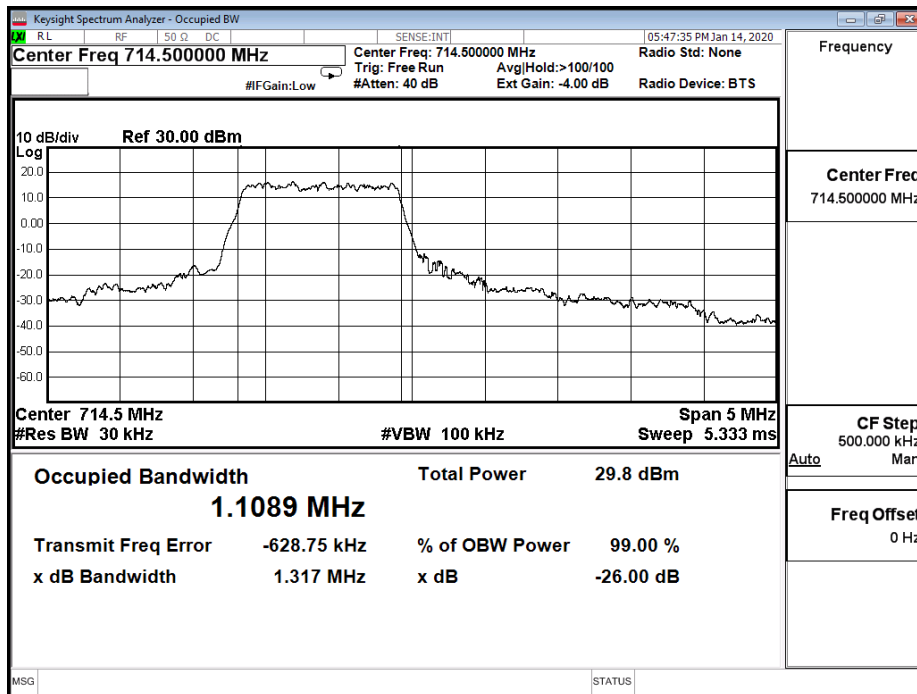
B12\_CH23095\_3M\_16-QAM\_5RB0



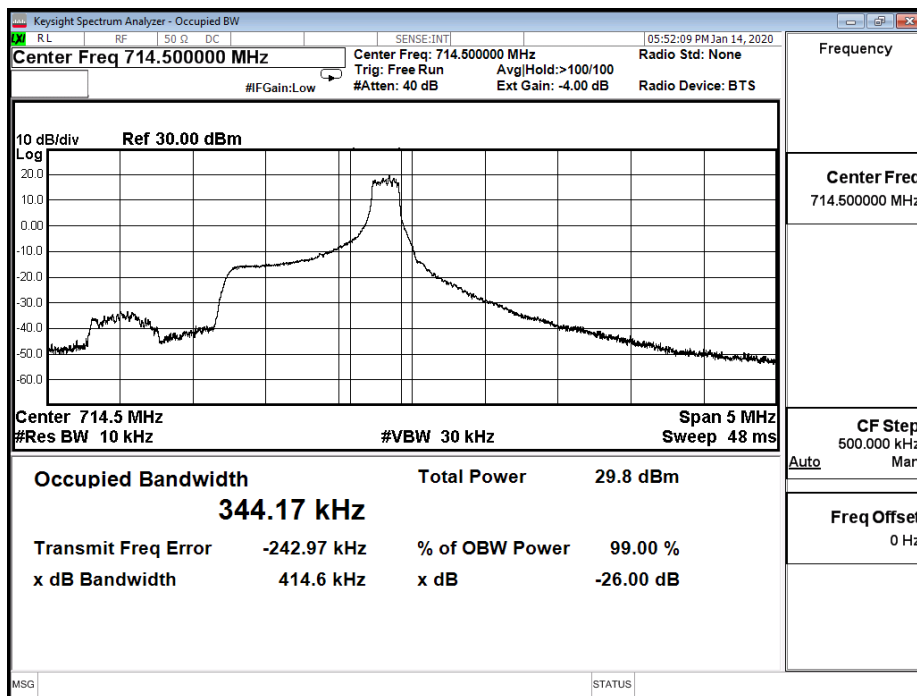
B12\_CH23165\_3M\_QPSK\_1RB5



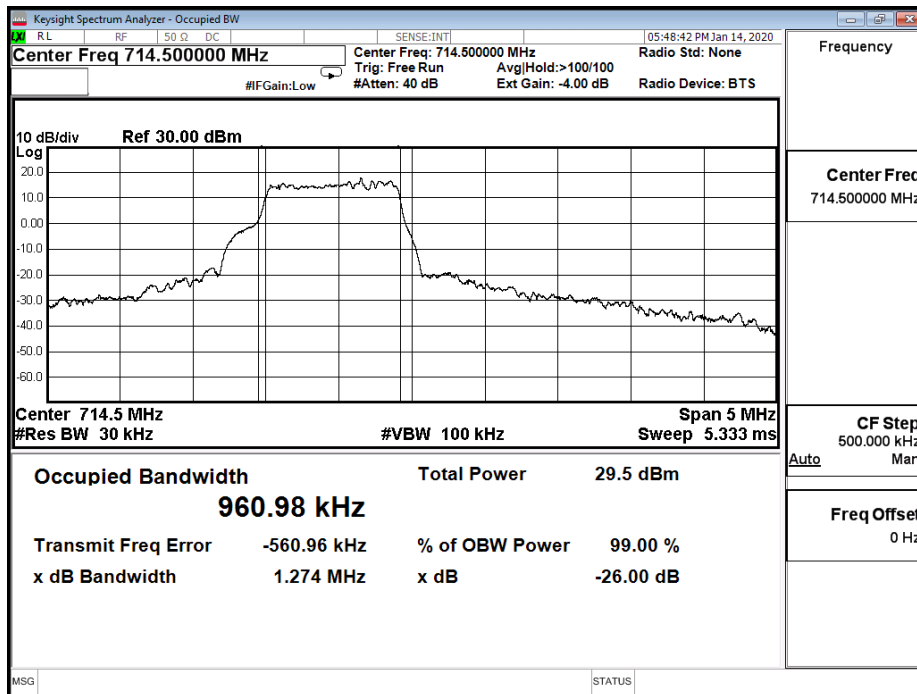
B12\_CH23165\_3M\_QPSK\_6RB0



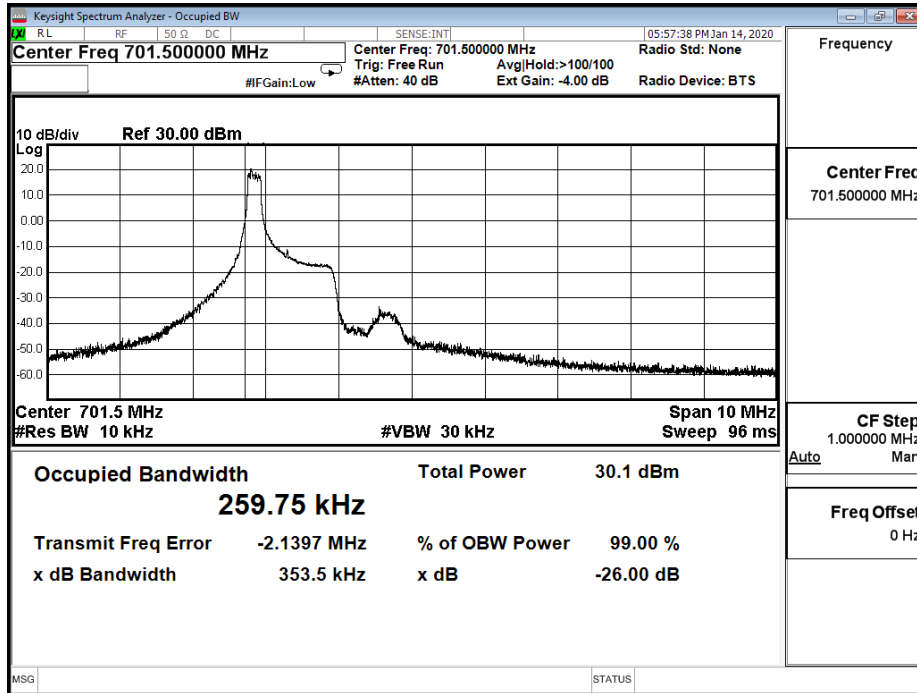
B12\_CH23165\_3M\_16-QAM\_1RB5



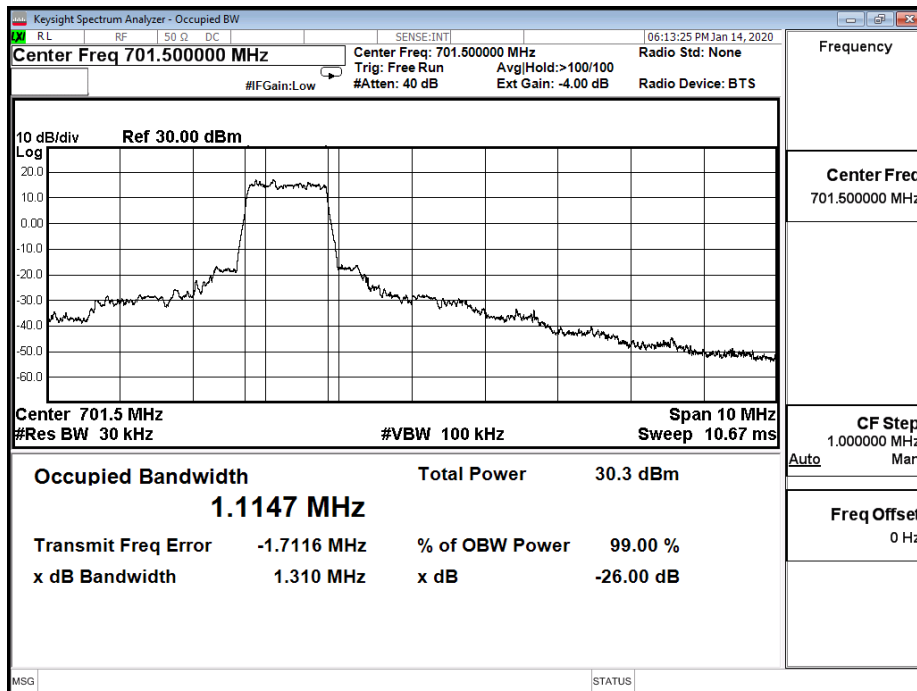
B12\_CH23165\_3M\_16-QAM\_5RB1



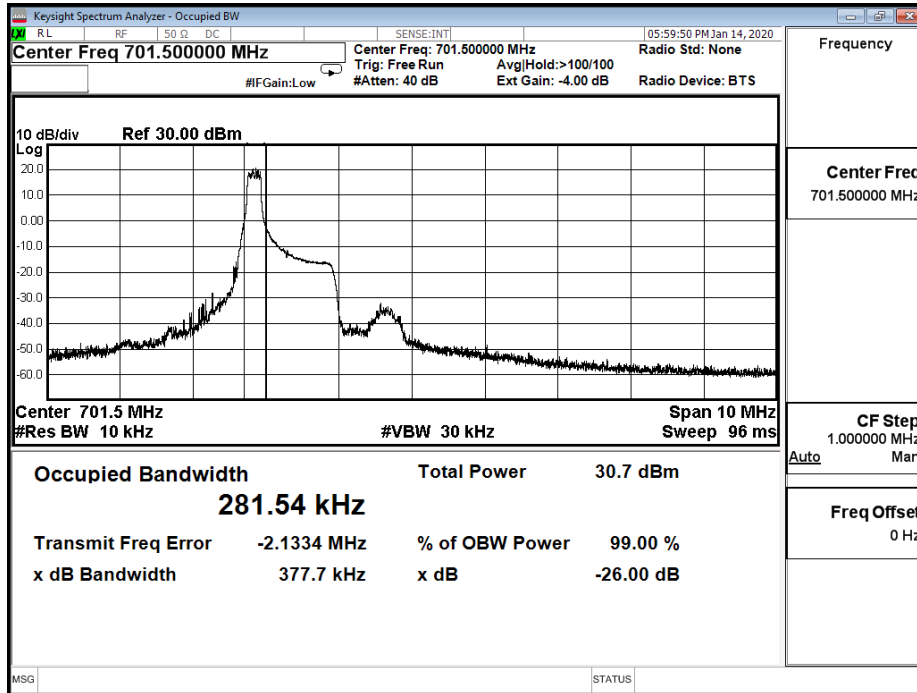
B12\_CH23035\_5M\_QPSK\_1RB0



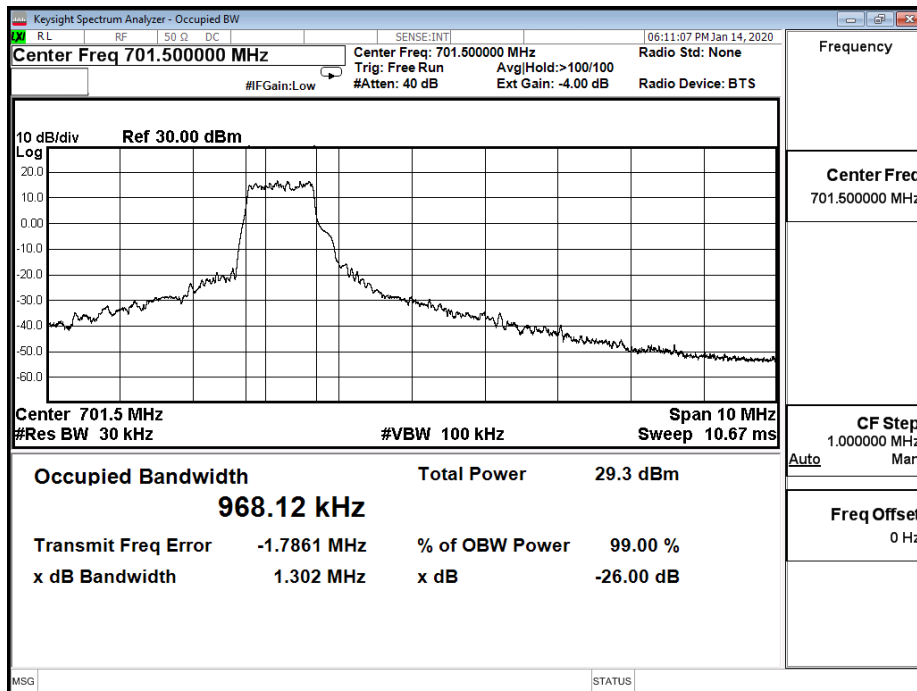
B12\_CH23035\_5M\_QPSK\_6RB0



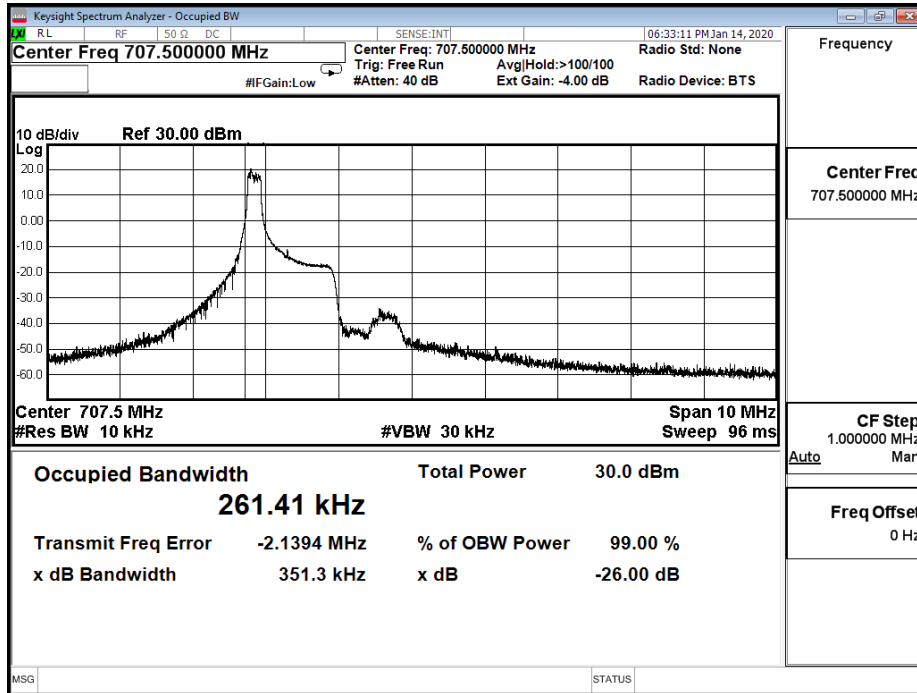
B12\_CH23035\_5M\_16-QAM\_1RB0



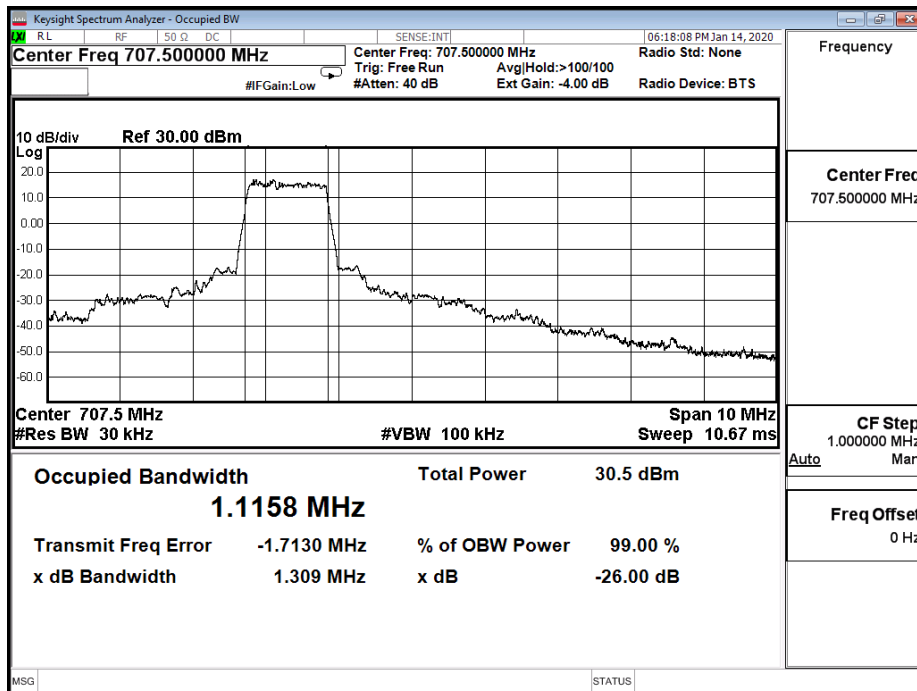
B12\_CH23035\_5M\_16-QAM\_5RB0



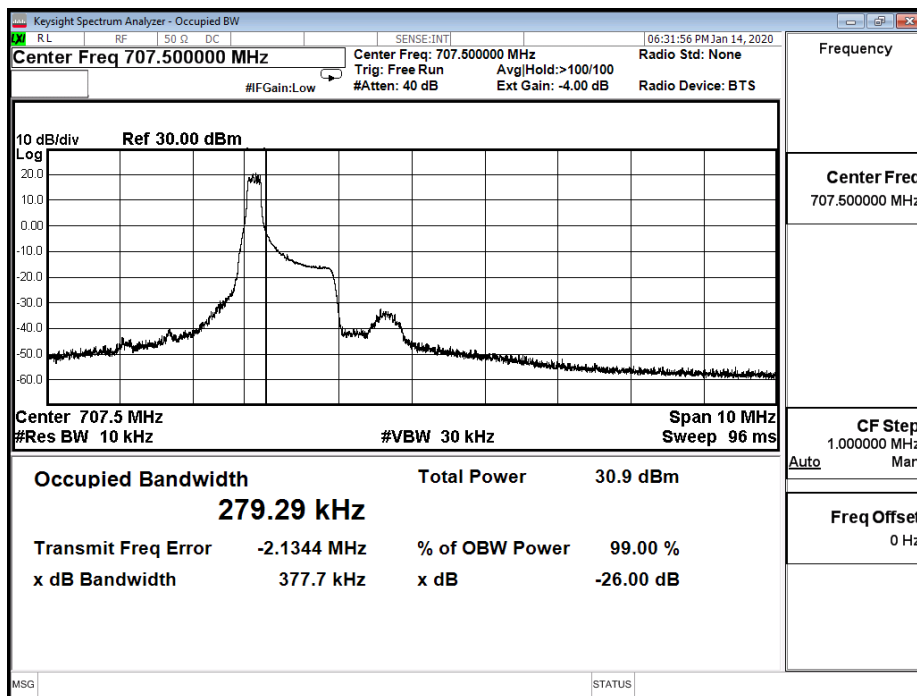
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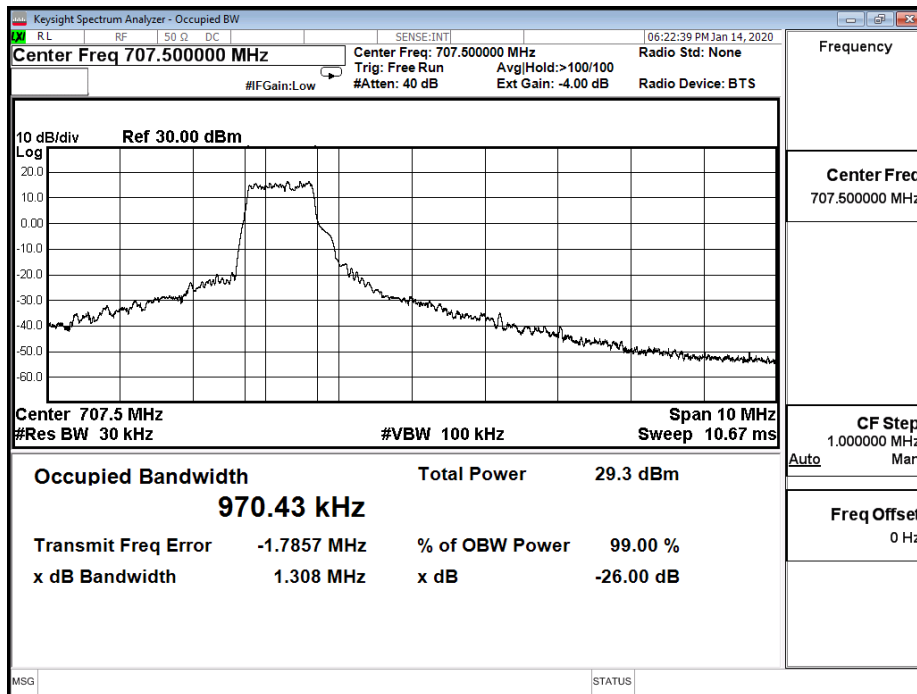
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B12\_CH23095\_5M\_16-QAM\_1RB0

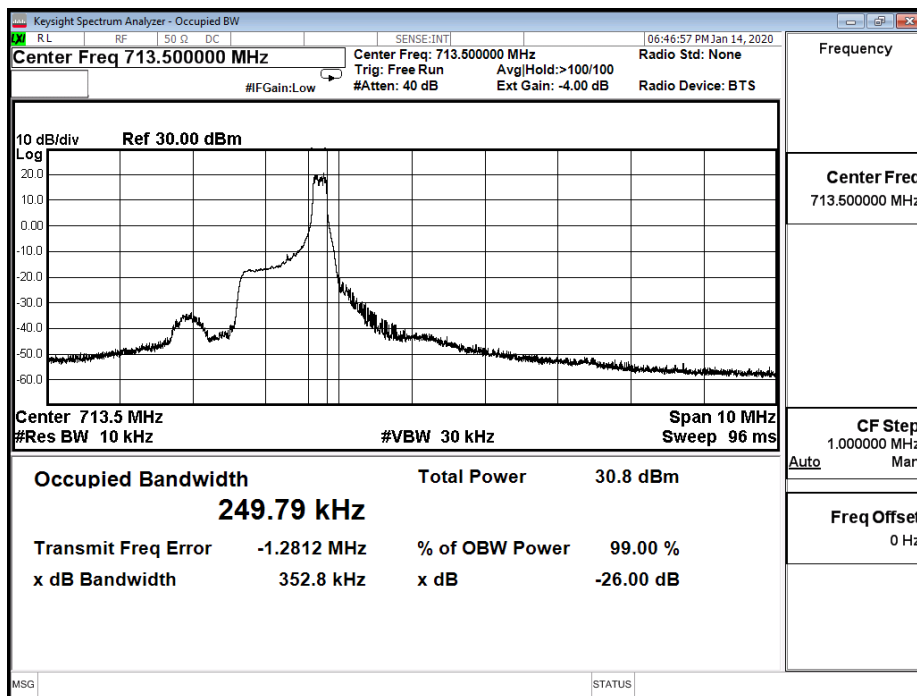


B12\_CH23095\_5M\_16-QAM\_5RB0

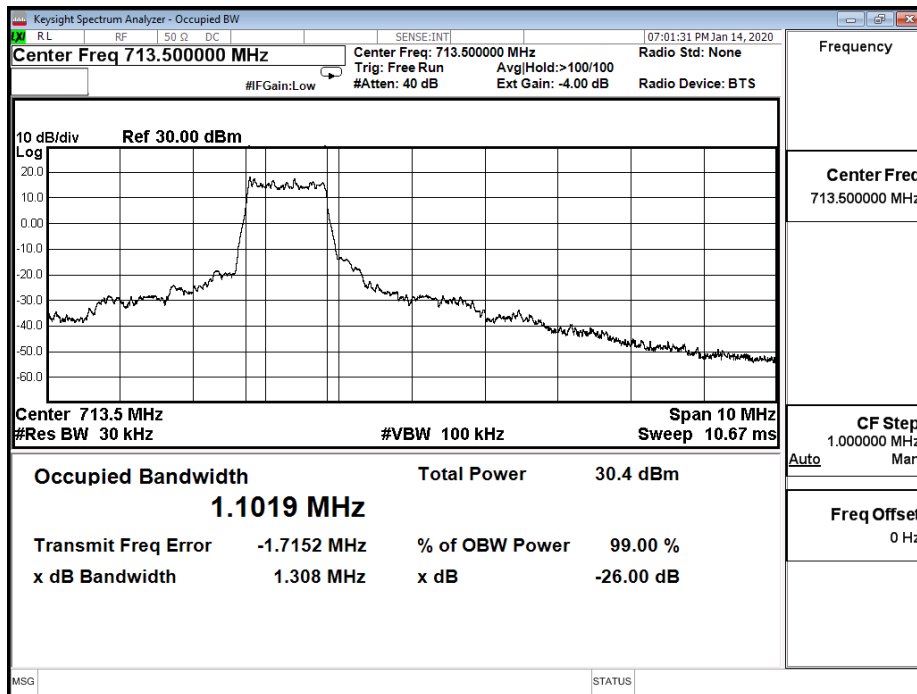




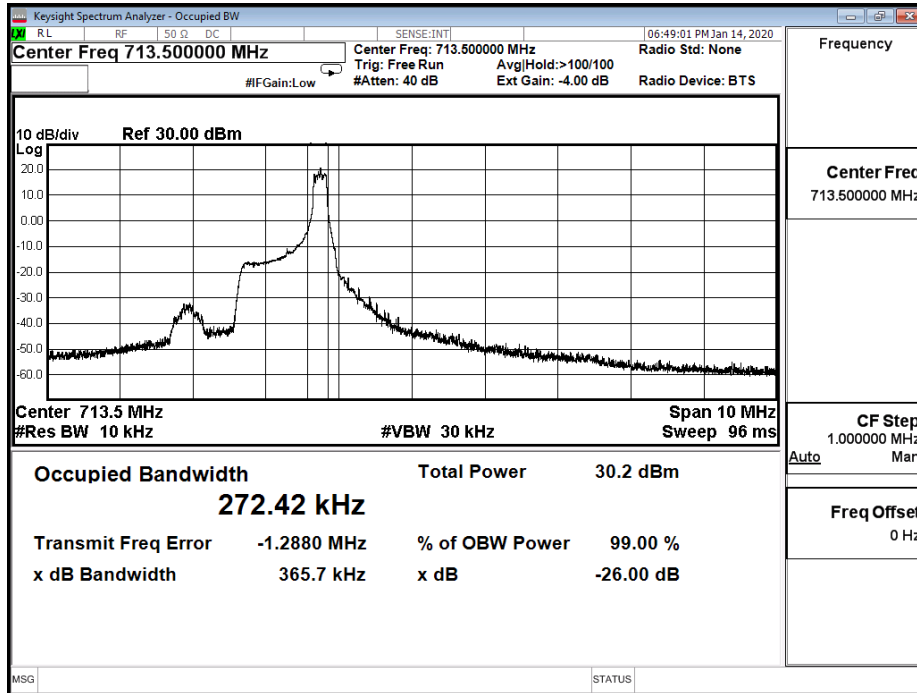
B12\_CH23155\_5M\_QPSK\_1RB5



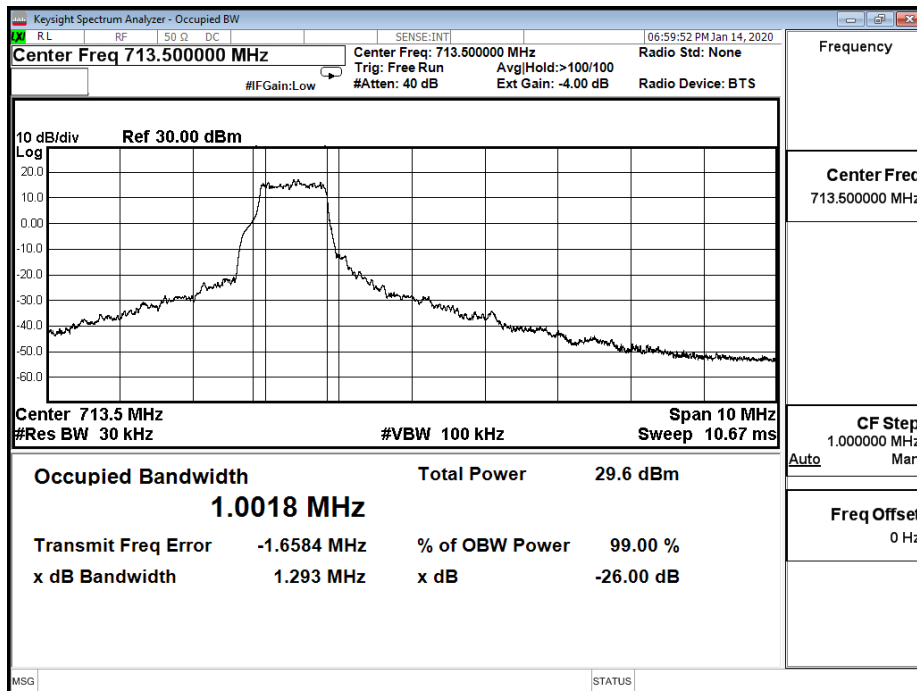
B12\_CH23155\_5M\_QPSK\_6RB0



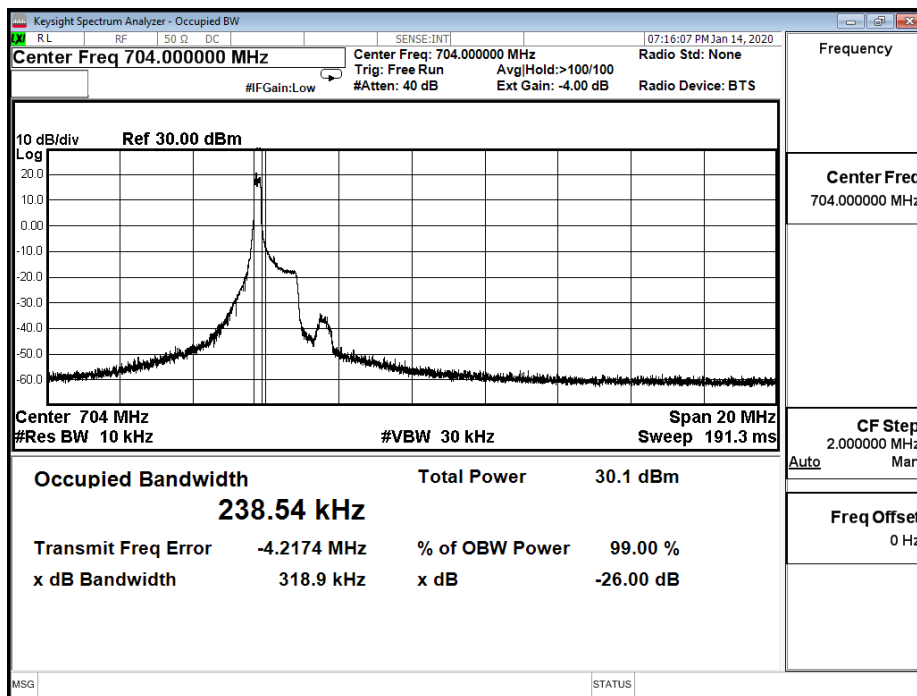
B12\_CH23155\_5M\_16-QAM\_1RB5



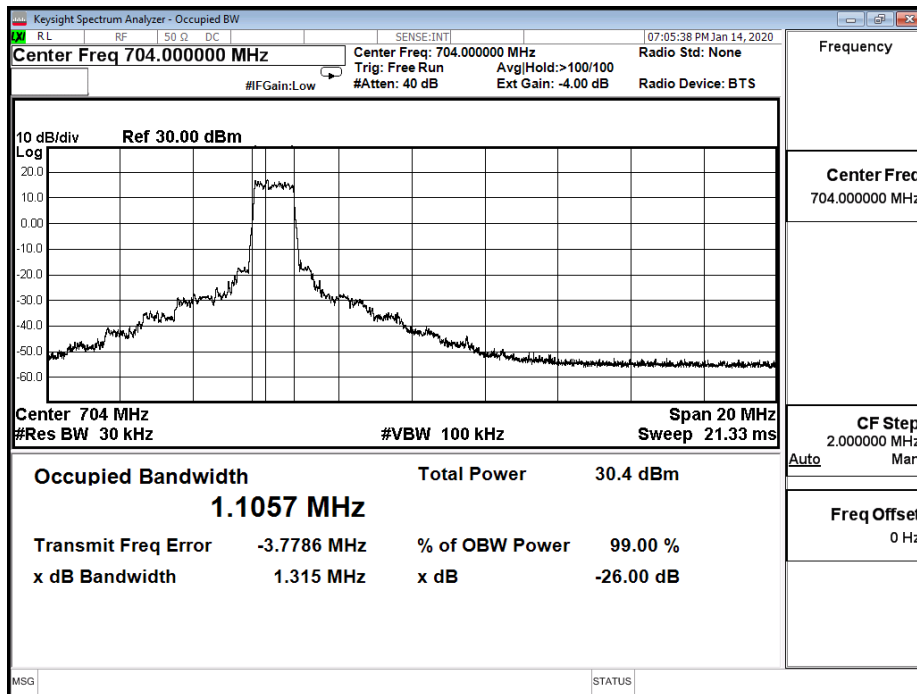
B12\_CH23155\_5M\_16-QAM\_5RB1



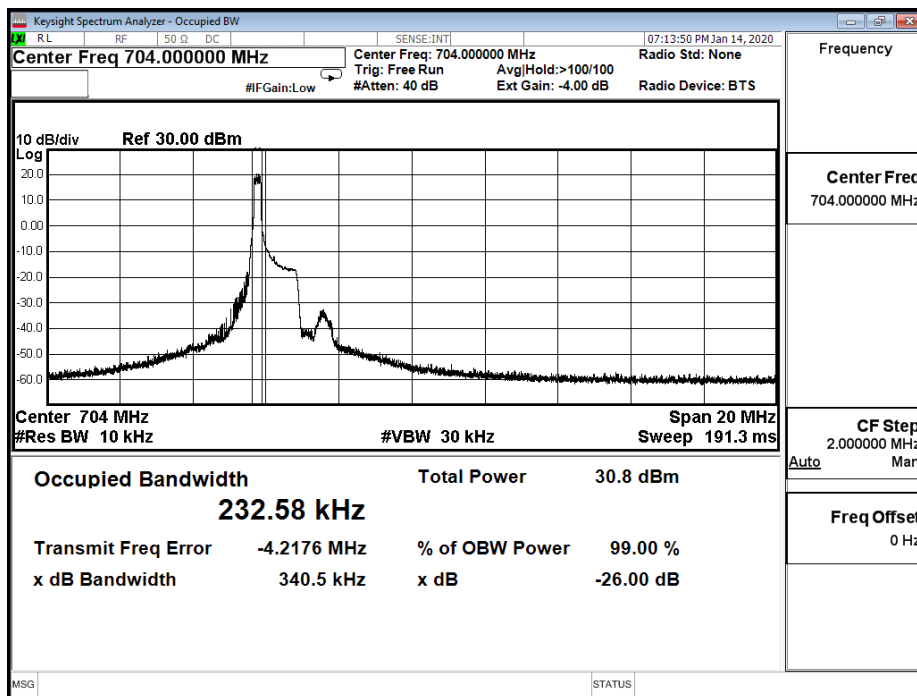
B12\_CH23060\_10M\_QPSK\_1RB0



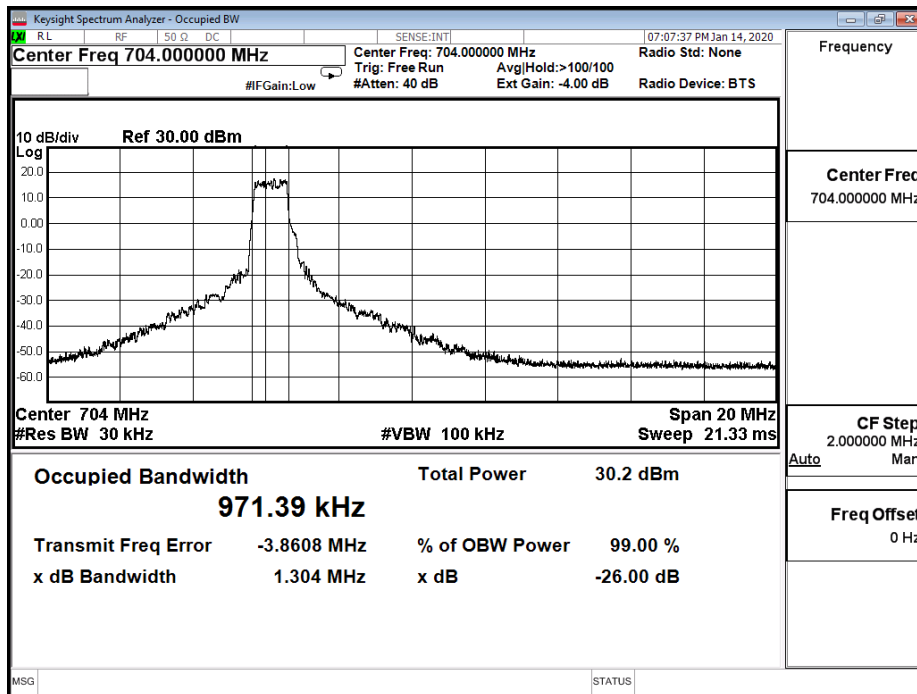
B12\_CH23060\_10M\_QPSK\_6RB0



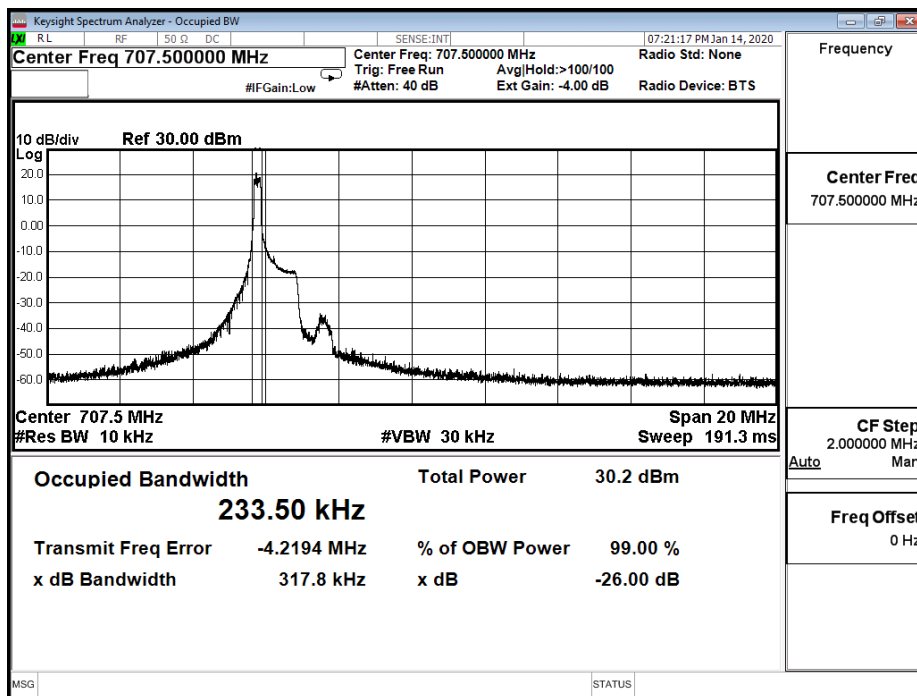
B12\_CH23060\_10M\_16-QAM\_1RB0



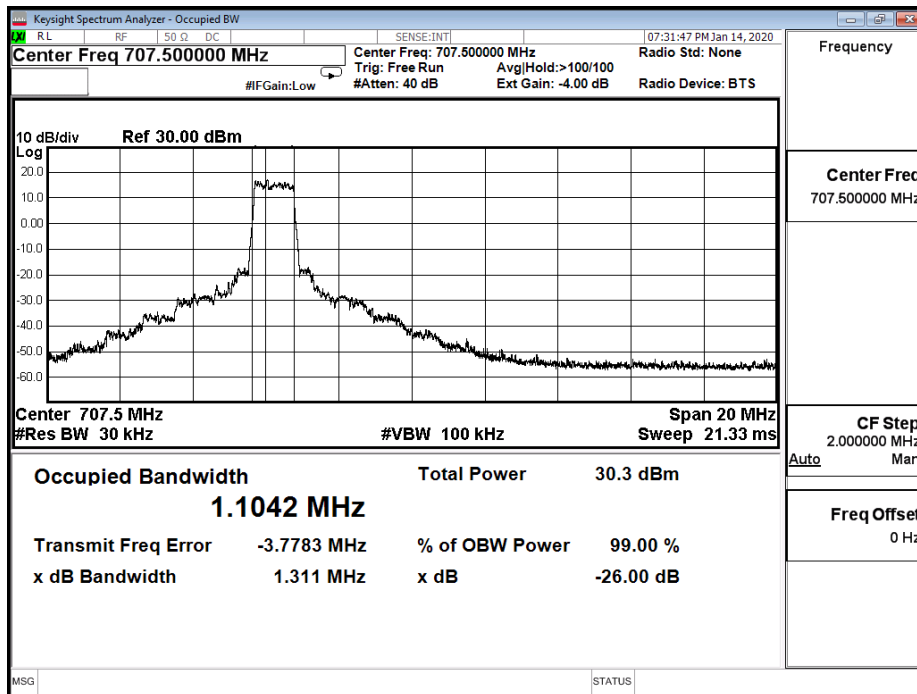
B12\_CH23060\_10M\_16-QAM\_5RB0



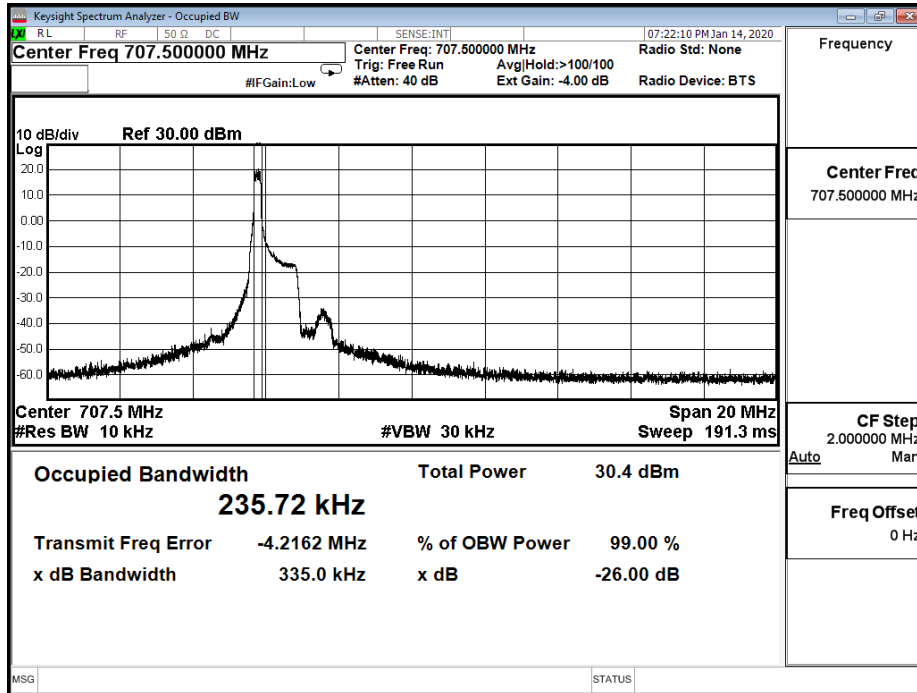
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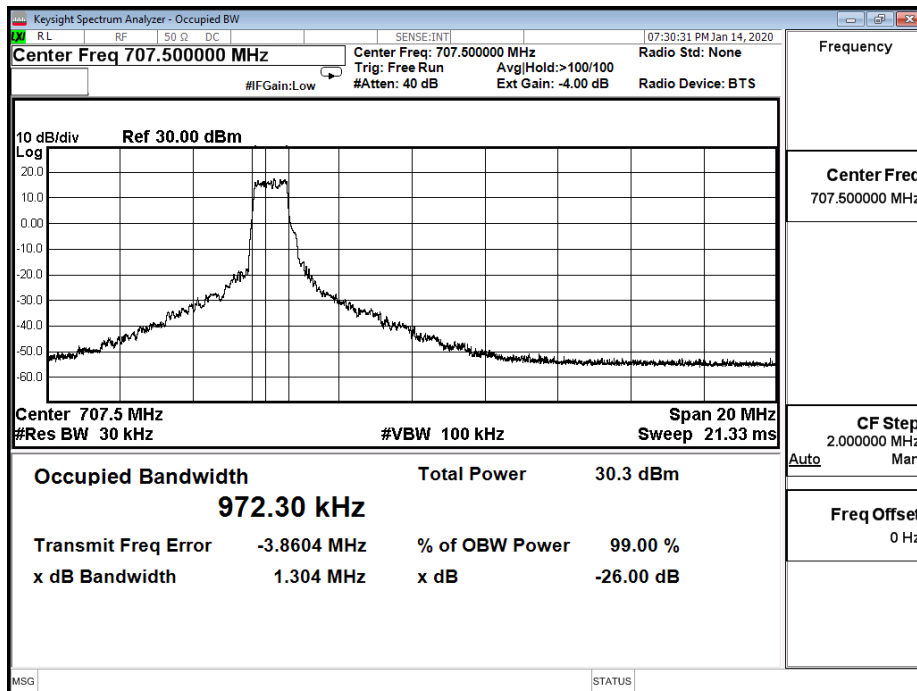
B12\_CH23095\_10M\_QPSK\_6RB0



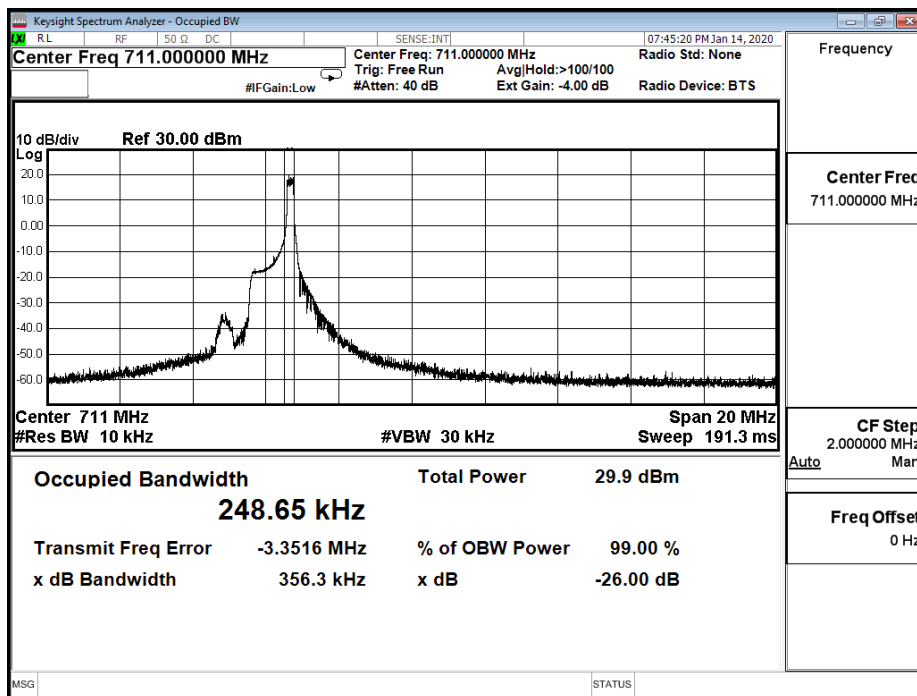
B12\_CH23095\_10M\_16-QAM\_1RB0



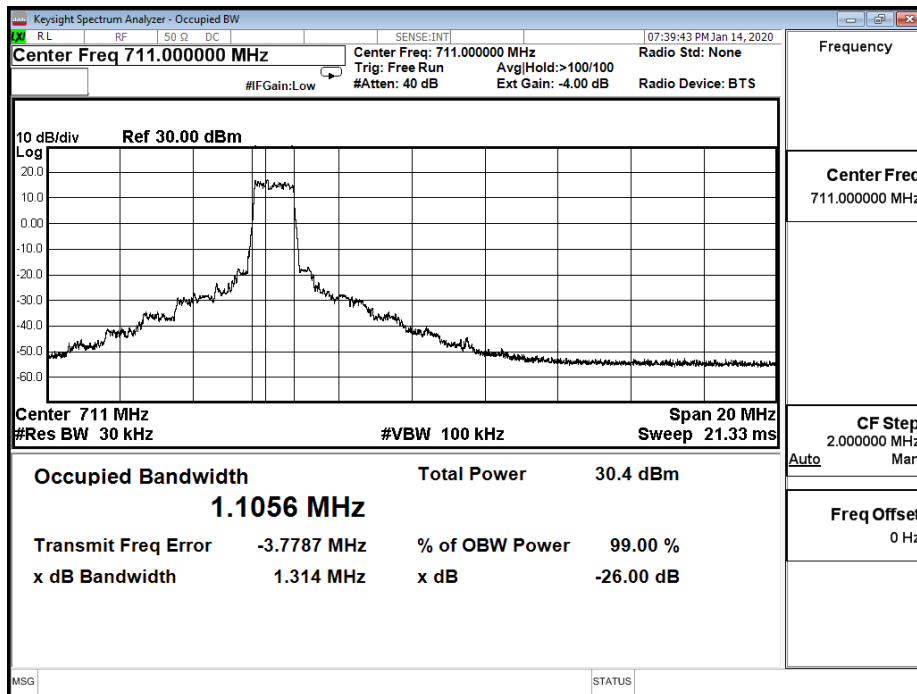
B12\_CH23095\_10M\_16-QAM\_5RB1



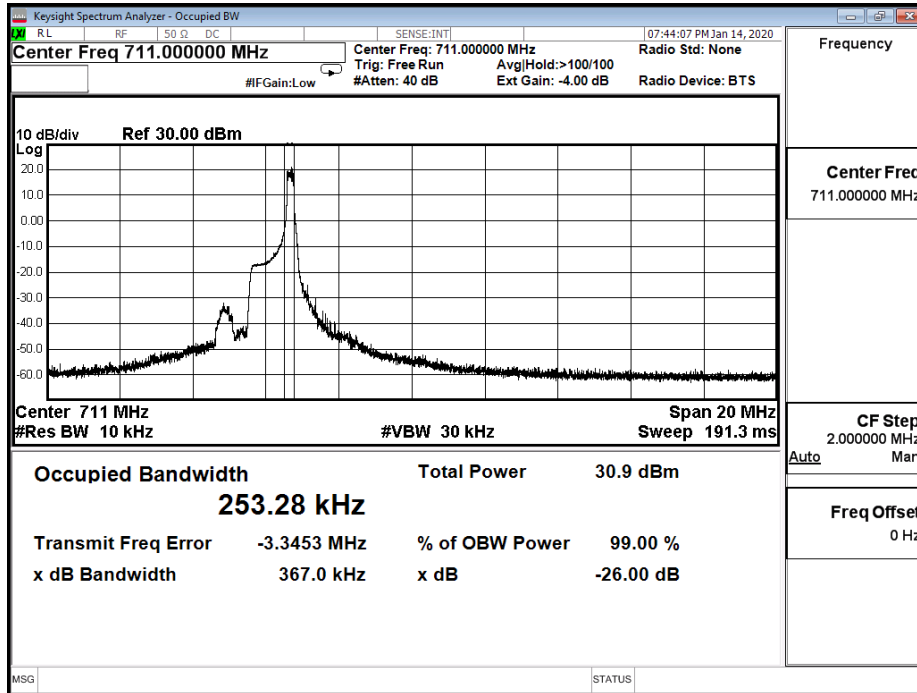
B12\_CH23130\_10M\_QPSK\_1RB5



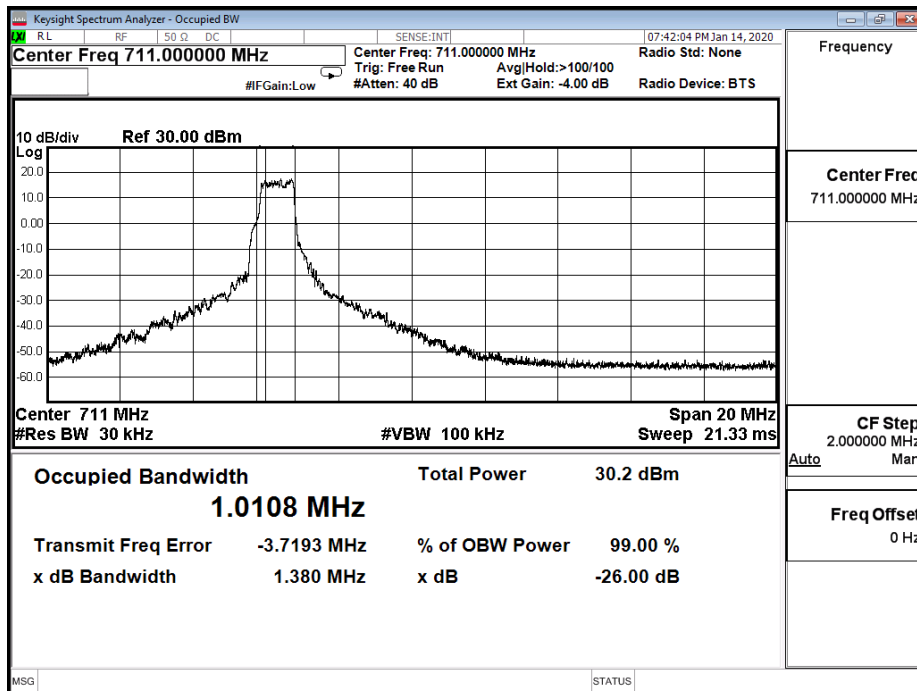
B12\_CH23130\_10M\_QPSK\_6RB0



B12\_CH23130\_10M\_16-QAM\_1RB5



B12\_CH23130\_10M\_16-QAM\_5RB1



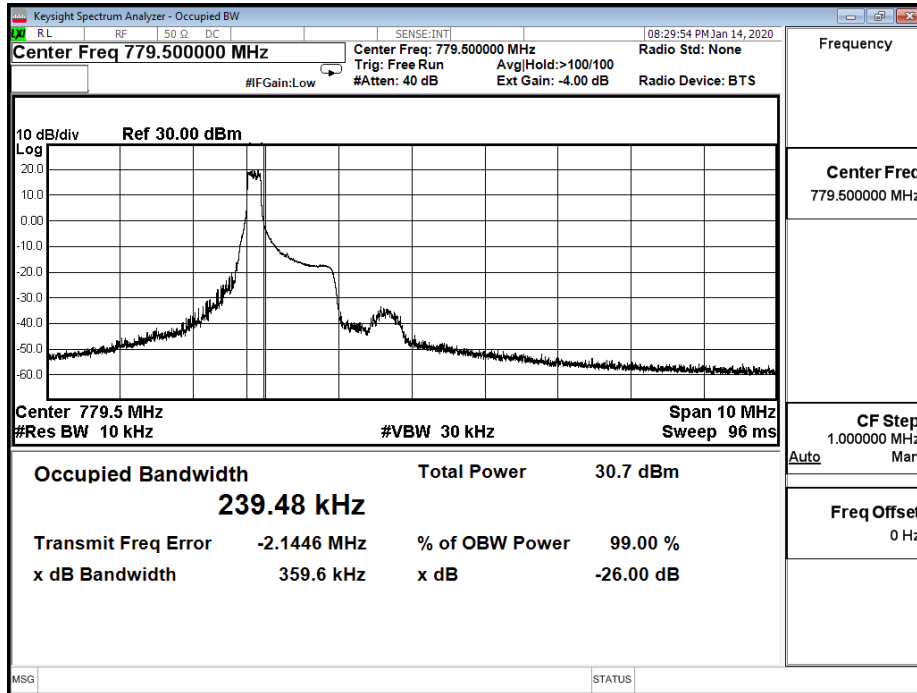


Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 5 : LTE Cat-M1_Band 13		
Date of Test	2020/01/14	Test Site	SR12-H
Temperature (°C)	21.0	Humidity (%RH)	59.0

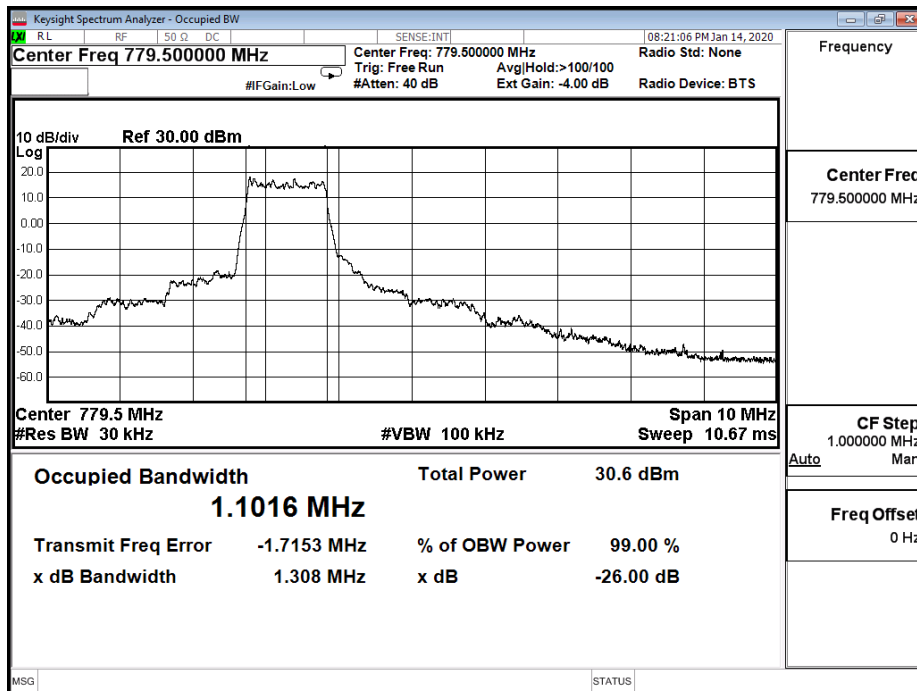
LTE Band 13_1RB Low/high					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
5M	QPSK	779.5	0.359	0.239	N/A
		782	0.359	0.262	N/A
		784.5	0.381	0.252	N/A
	16-QAM	779.5	0.349	0.287	N/A
		782	0.374	0.278	N/A
		784.5	0.384	0.271	N/A
10M	QPSK_LOW	782	0.338	0.234	N/A
	QPSK_HI	782	0.344	0.250	N/A
	16-QAM_LOW	782	0.350	0.238	N/A
	16-QAM_HI	782	0.384	0.280	N/A

LTE Band 13_Full RB					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
5M	QPSK	779.5	1.308	1.101	N/A
		782	1.314	1.114	N/A
		784.5	1.319	1.110	N/A
	16-QAM	779.5	1.274	0.942	N/A
		782	1.307	0.966	N/A
		784.5	1.283	0.971	N/A
10M	QPSK_LOW	782	1.311	1.104	N/A
	QPSK_HI	782	1.322	1.114	N/A
	16-QAM_LOW	782	1.306	0.967	N/A
	16-QAM_HI	782	1.317	0.963	N/A

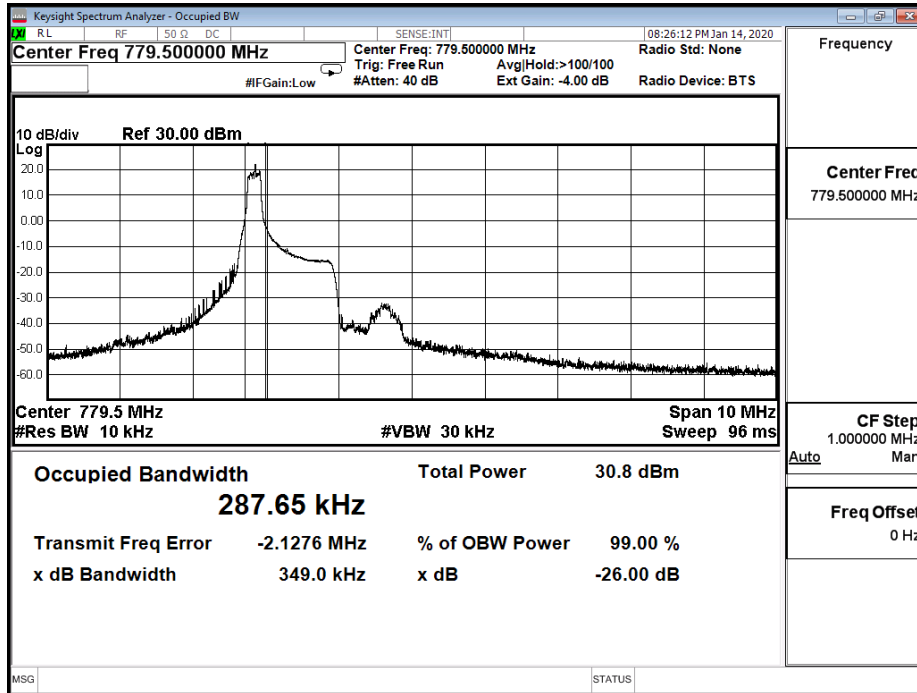
B13\_CH23205\_5M\_QPSK\_1RB0



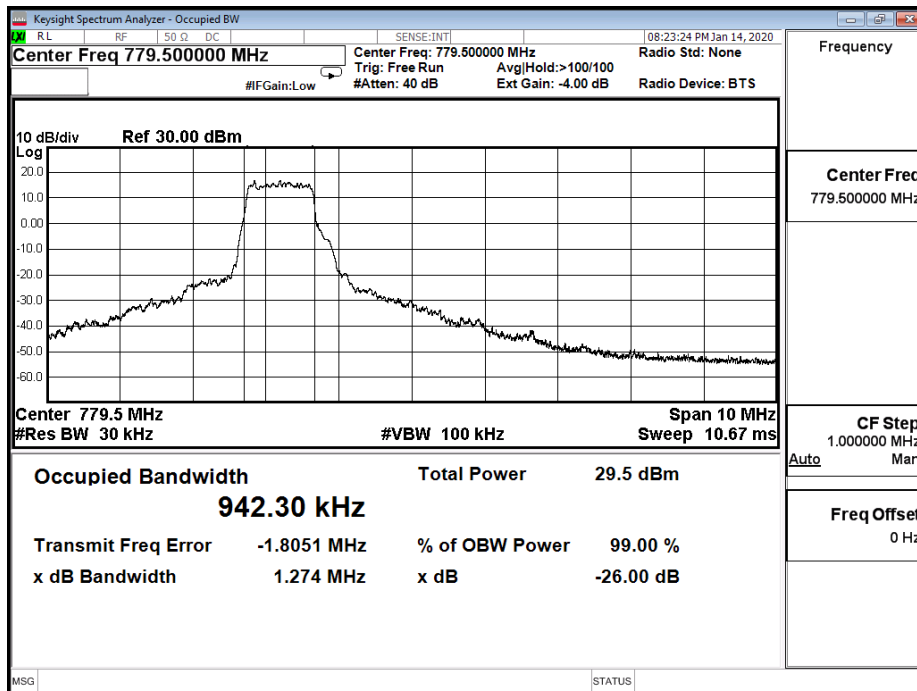
B13\_CH23205\_5M\_QPSK\_6RB0



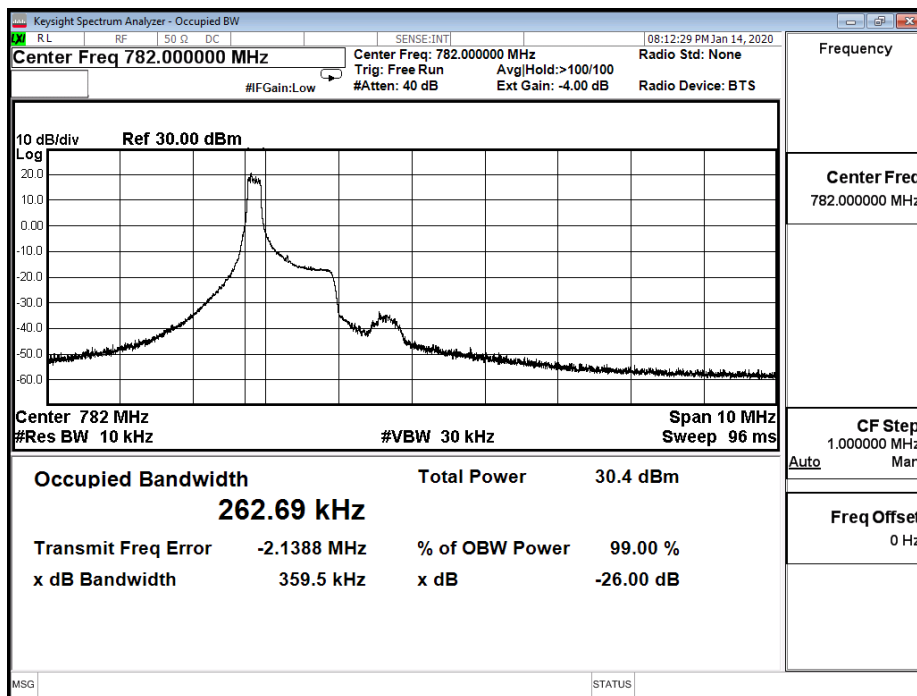
B13\_CH23205\_5M\_16-QAM\_1RB0



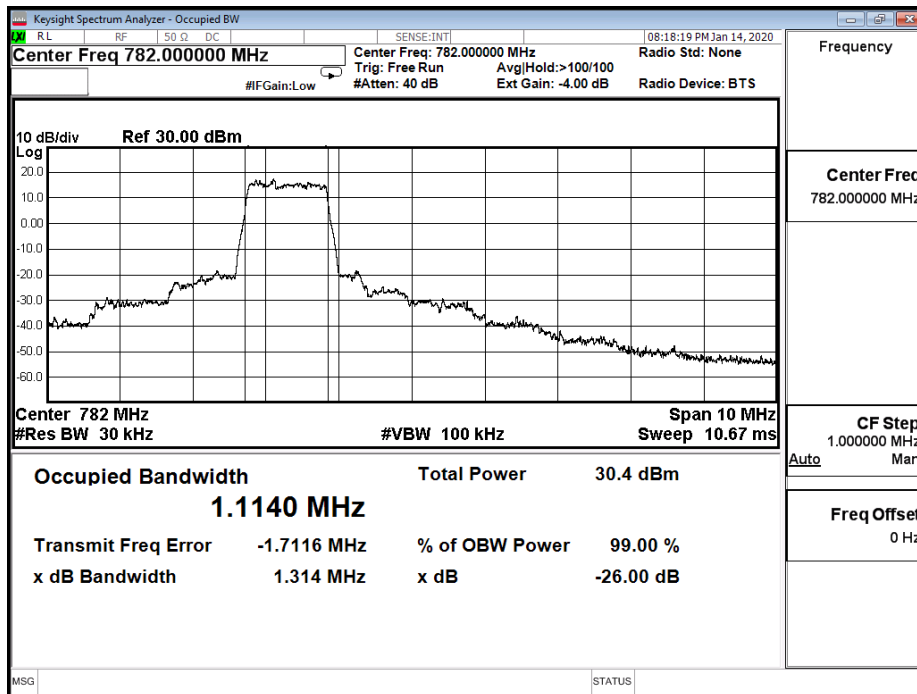
B13\_CH23205\_5M\_16-QAM\_5RB0



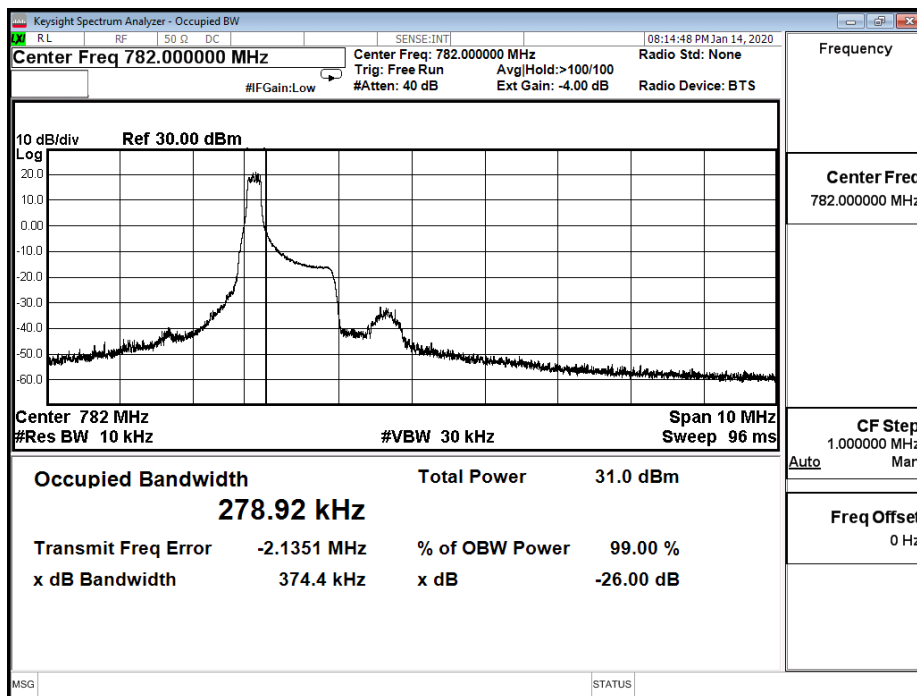
B13\_CH23230\_5M\_QPSK\_1RB0



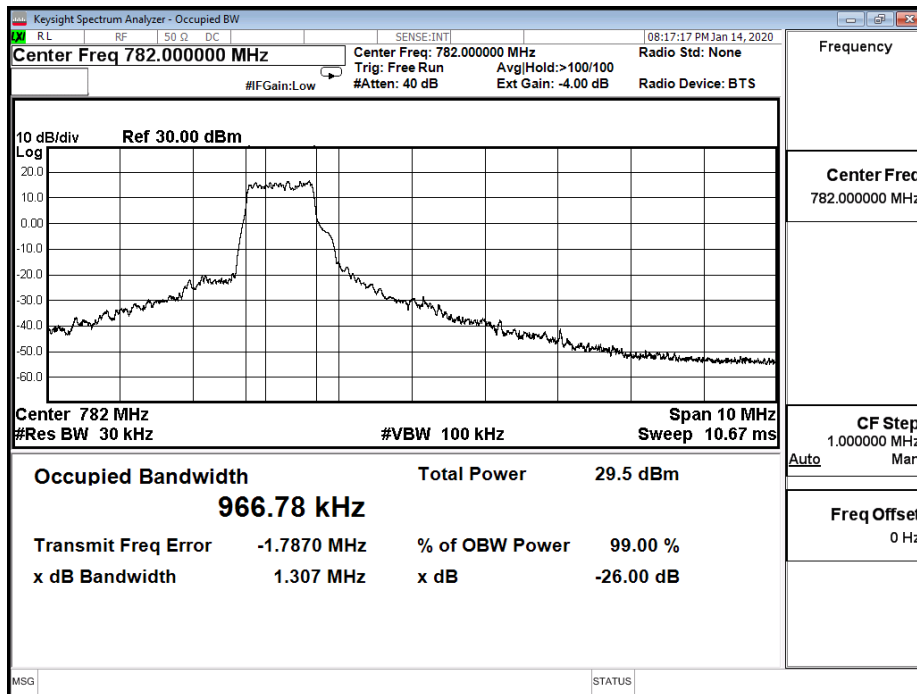
B13\_CH23230\_5M\_QPSK\_6RB0



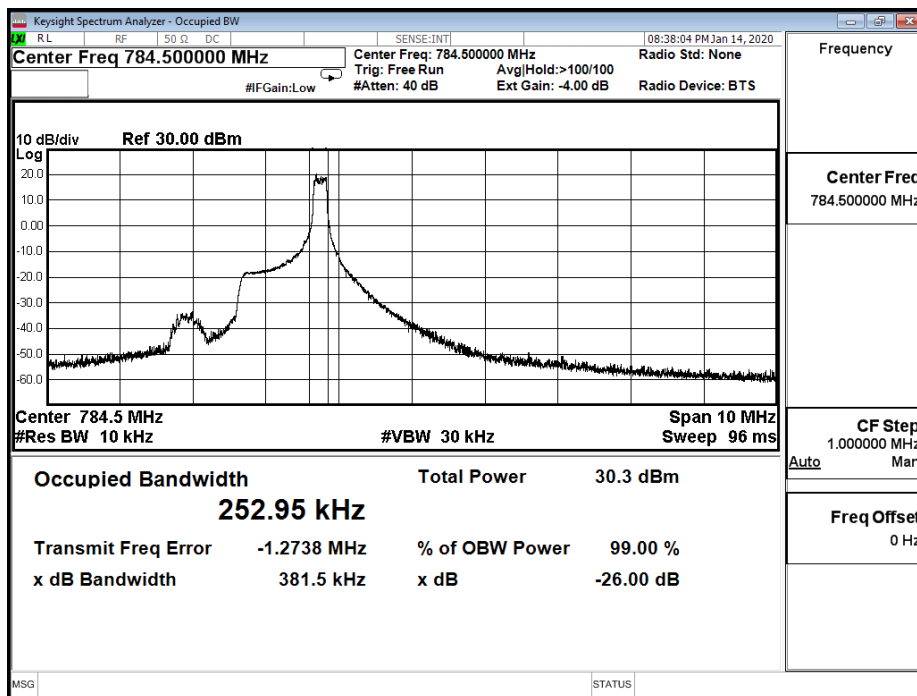
B13\_CH23230\_5M\_16-QAM\_1RB0



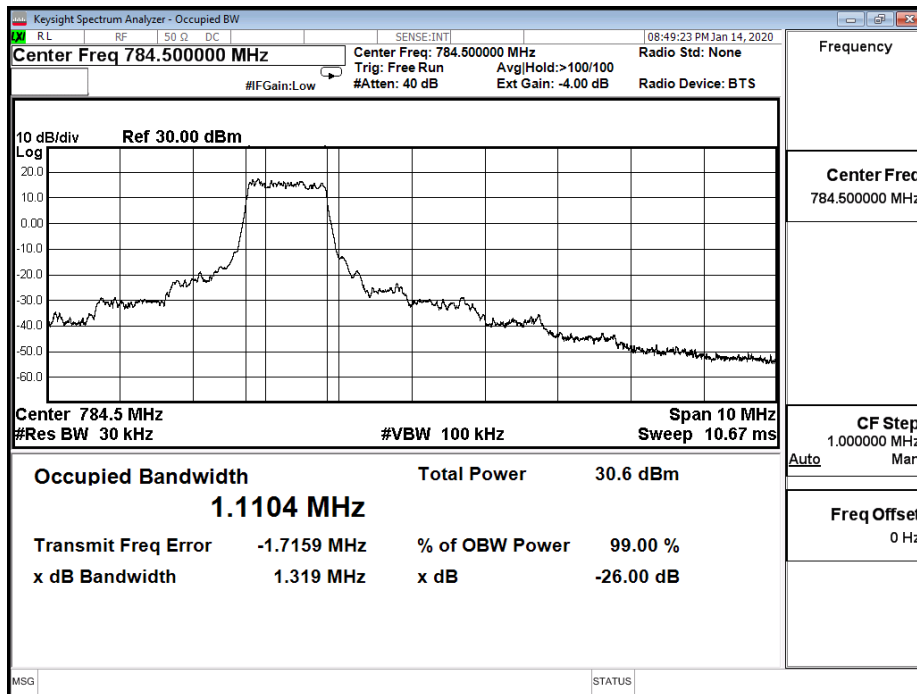
B13\_CH23230\_5M\_16-QAM\_5RB0



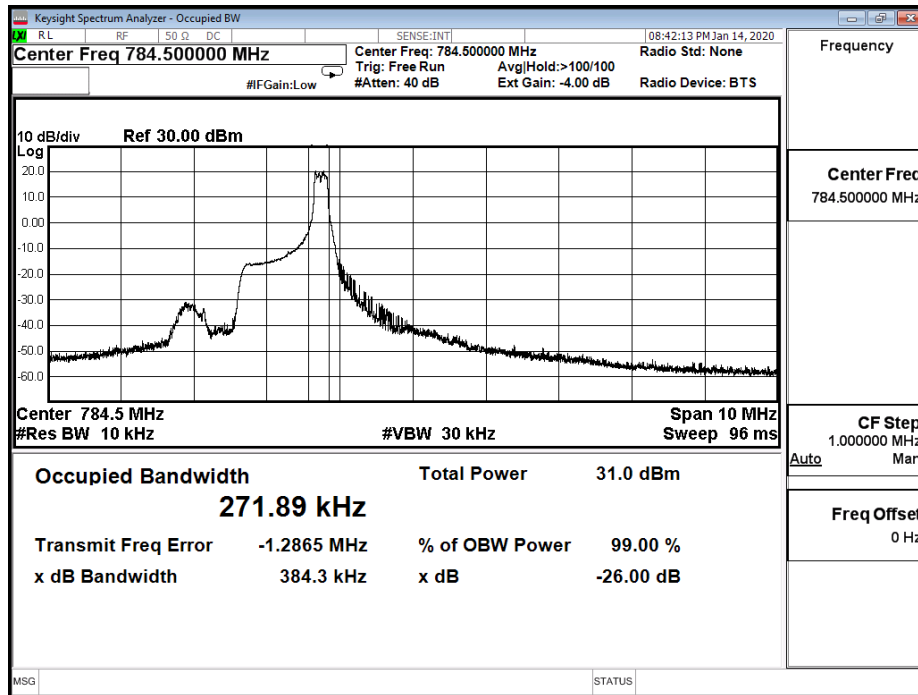
B13\_CH23255\_5M\_QPSK\_1RB5



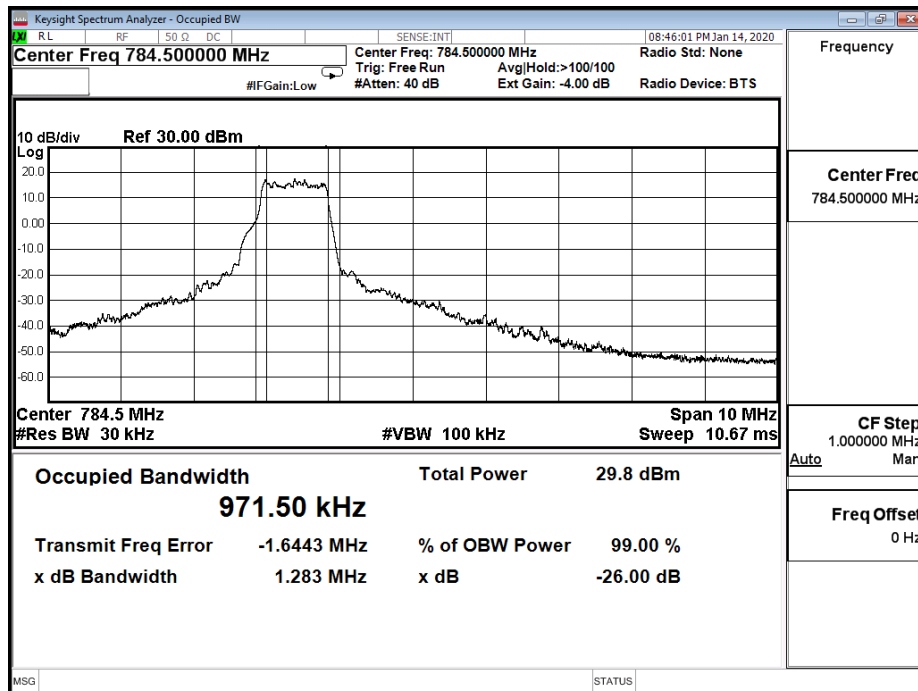
B13\_CH23255\_5M\_QPSK\_6RB0



B13\_CH23255\_5M\_16-QAM\_1RB5

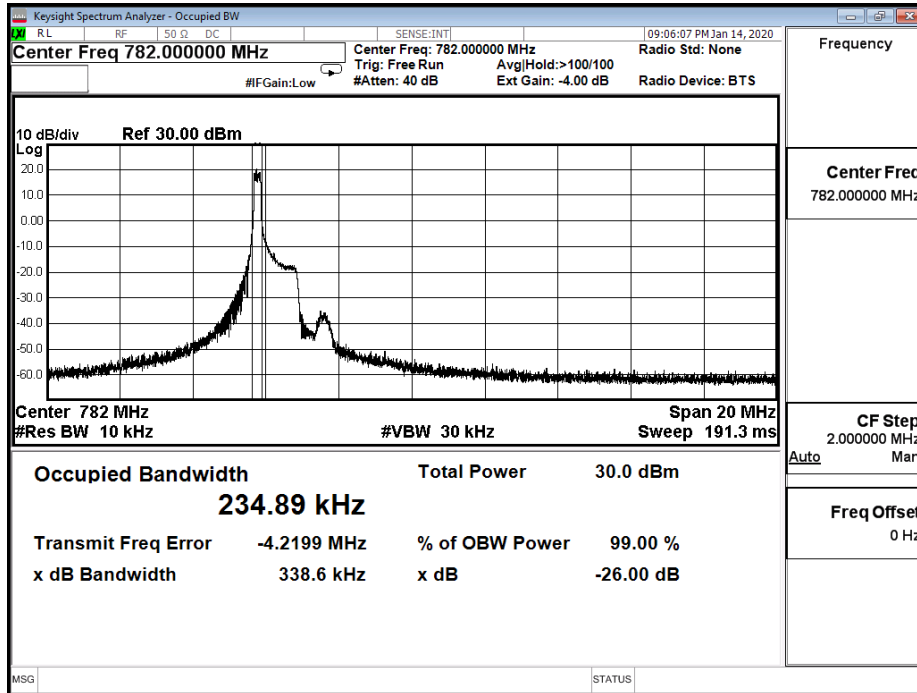


B13\_CH23255\_5M\_16-QAM\_5RB1

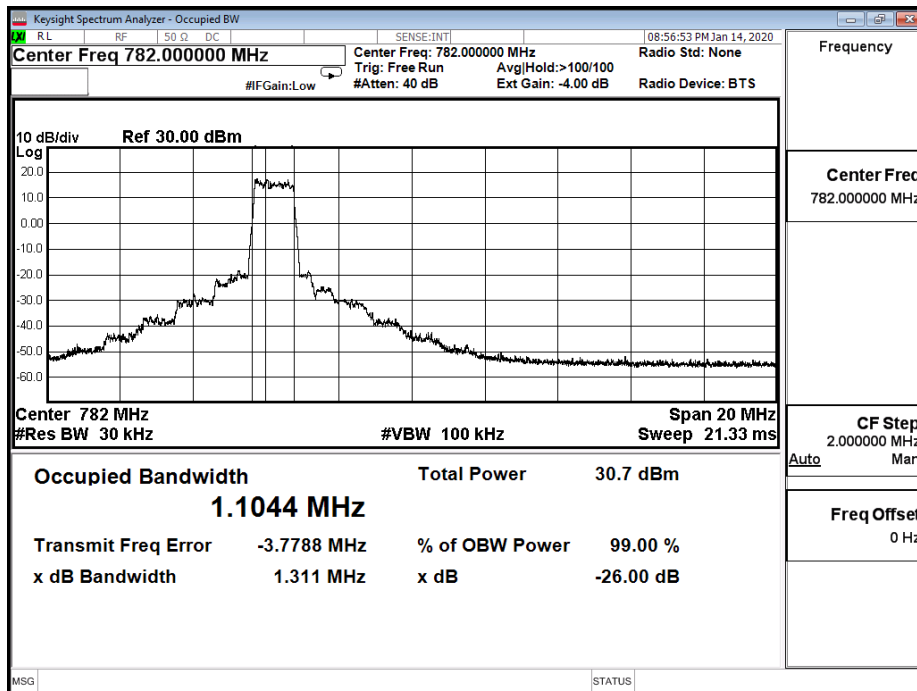




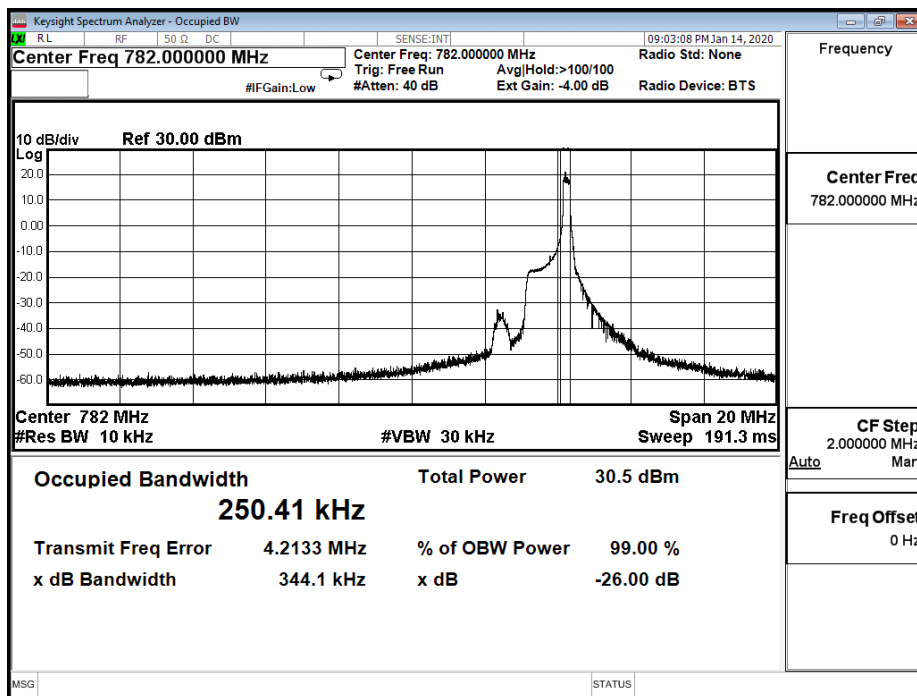
B13\_CH23230\_10M\_QPSK\_1RB0\_LOW



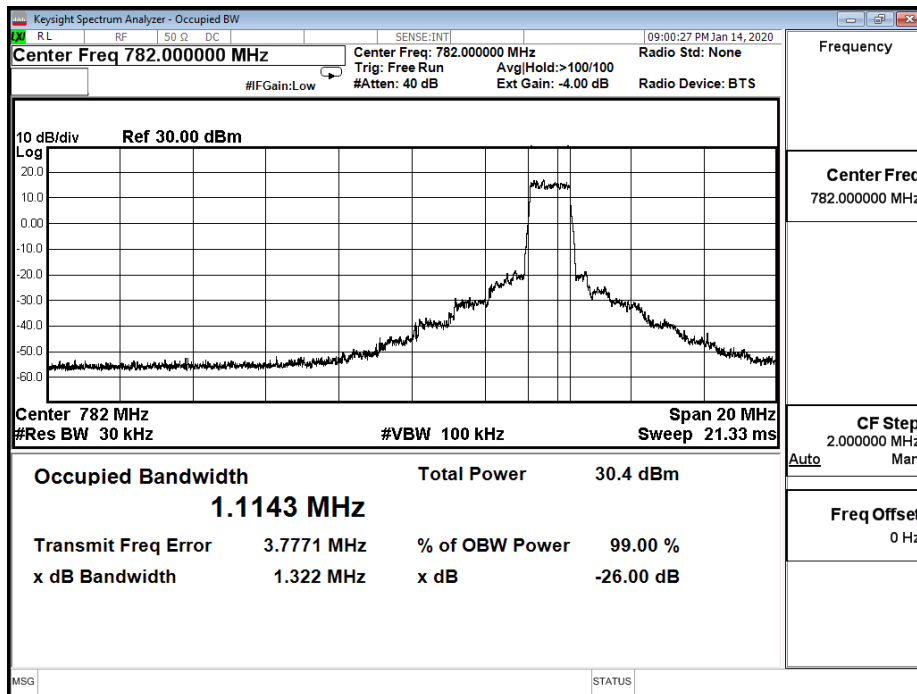
B13\_CH23230\_10M\_QPSK\_6RB0\_LOW



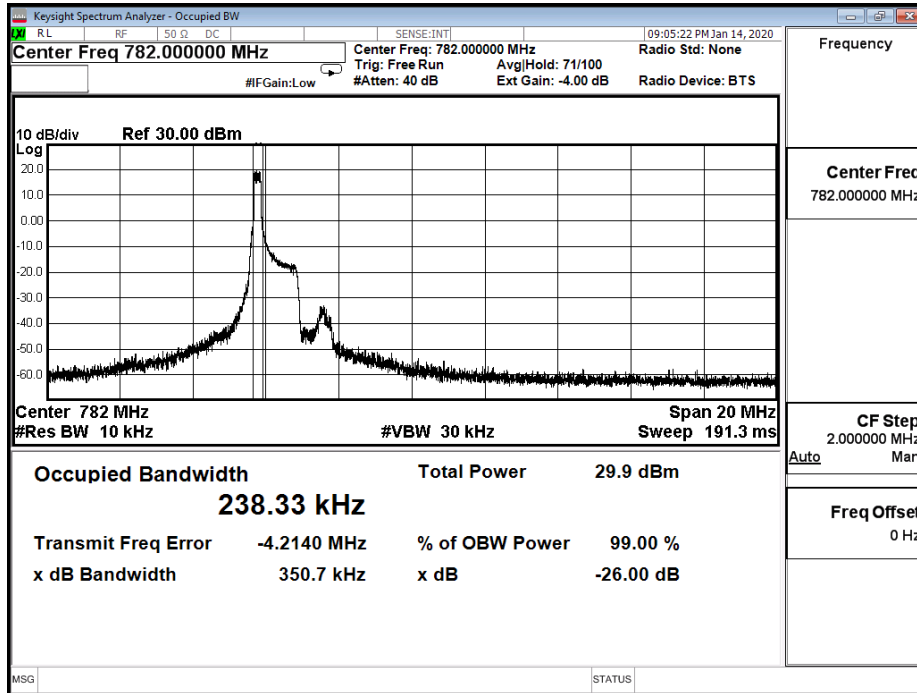
B13\_CH23230\_10M\_QPSK\_1RB5\_HIGH



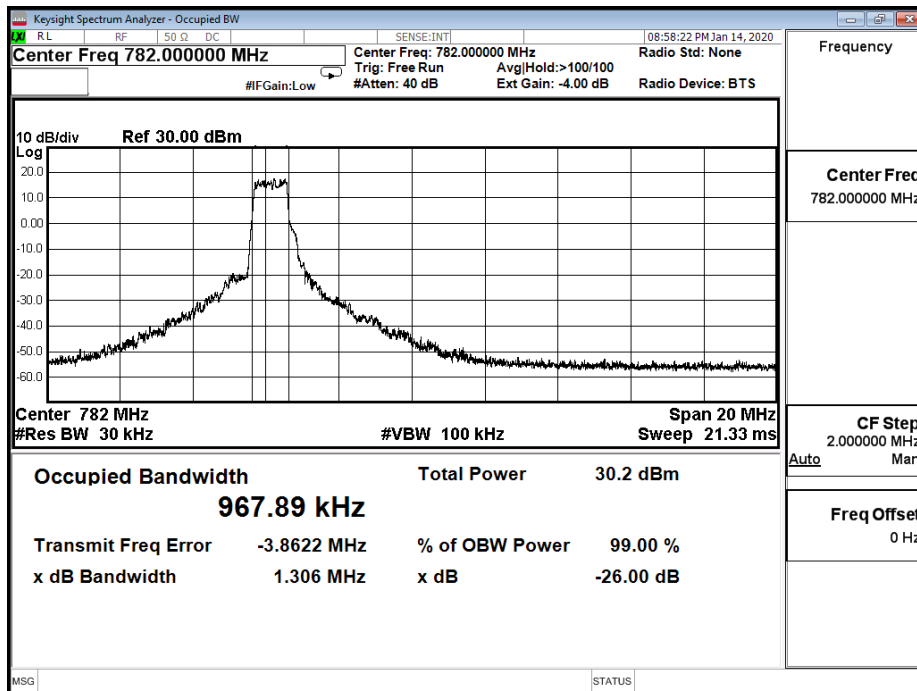
B13\_CH23230\_10M\_QPSK\_6RB0\_HIGH



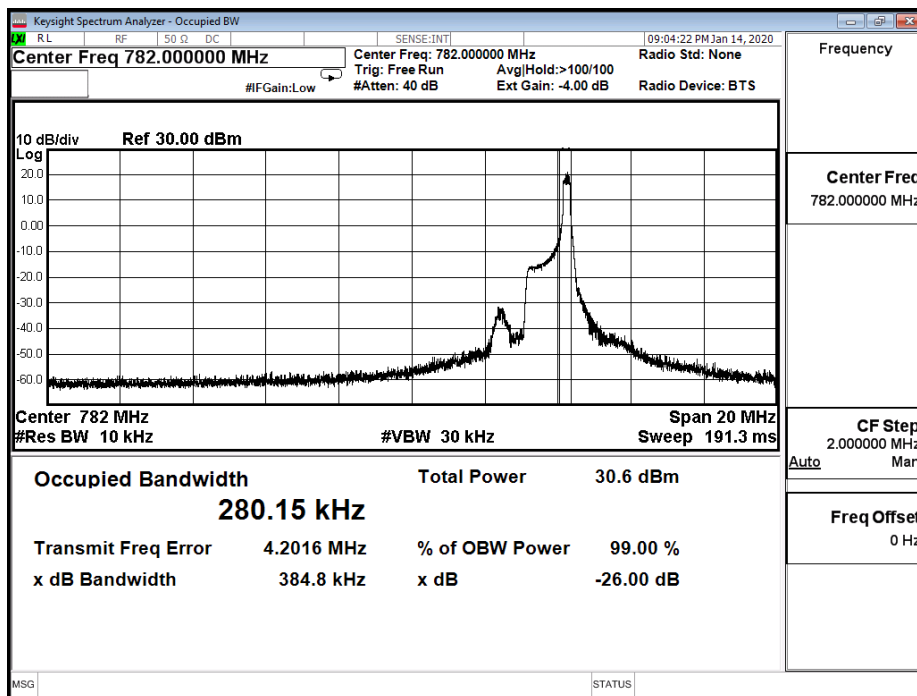
B13\_CH23230\_10M\_16-QAM\_1RB0\_LOW



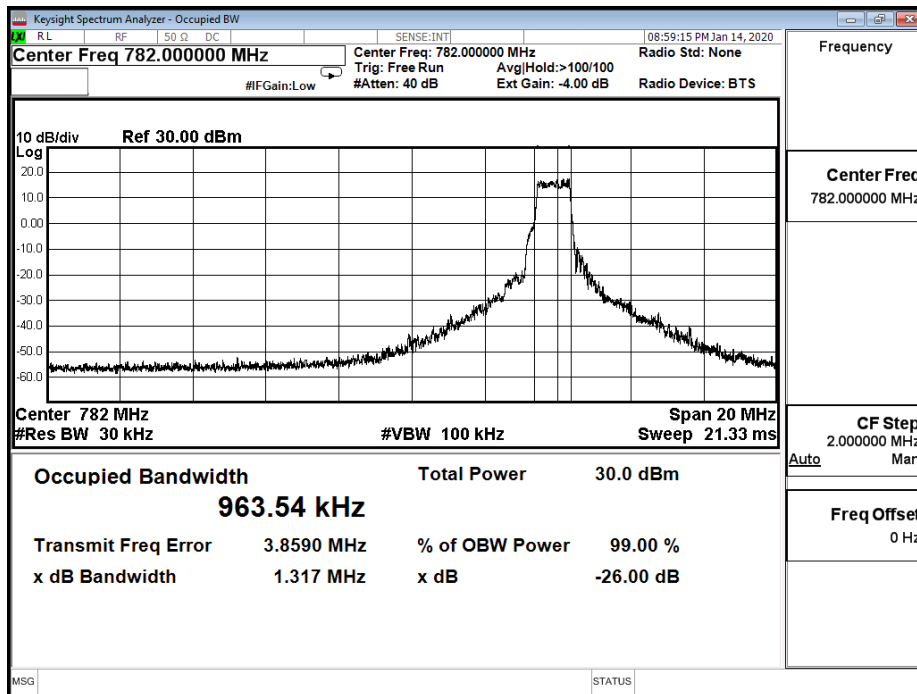
B13\_CH23230\_10M\_16-QAM\_5RB0\_LOW



B13\_CH23230\_10M\_16-QAM\_1RB5\_HIGH



B13\_CH23230\_10M\_16-QAM\_5RB1\_HIGH



Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 6 : LTE Cat-M1_Band 25		
Date of Test	2020/01/16	Test Site	SR12-H
Temperature (°C)	22.0	Humidity (%RH)	61.0

LTE Band 25_1RB Low/high					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	1850.7	0.394	0.278	N/A
		1882.5	0.397	0.277	N/A
		1914.3	0.340	0.253	N/A
	16-QAM	1850.7	0.360	0.256	N/A
		1882.5	0.365	0.260	N/A
		1914.3	0.384	0.273	N/A
3M	QPSK	1851.5	0.400	0.283	N/A
		1882.5	0.421	0.288	N/A
		1913.5	0.391	0.265	N/A
	16-QAM	1851.5	0.373	0.268	N/A
		1882.5	0.354	0.268	N/A
		1913.5	0.408	0.270	N/A
5M	QPSK	1852.5	0.360	0.265	N/A
		1882.5	0.358	0.262	N/A
		1912.5	0.366	0.256	N/A
	16-QAM	1852.5	0.378	0.285	N/A
		1882.5	0.378	0.286	N/A
		1912.5	0.367	0.277	N/A
10M	QPSK	1855	0.323	0.238	N/A
		1882.5	0.329	0.240	N/A
		1910	0.356	0.255	N/A
	16-QAM	1855	0.343	0.240	N/A
		1882.5	0.358	0.242	N/A
		1910	0.372	0.259	N/A

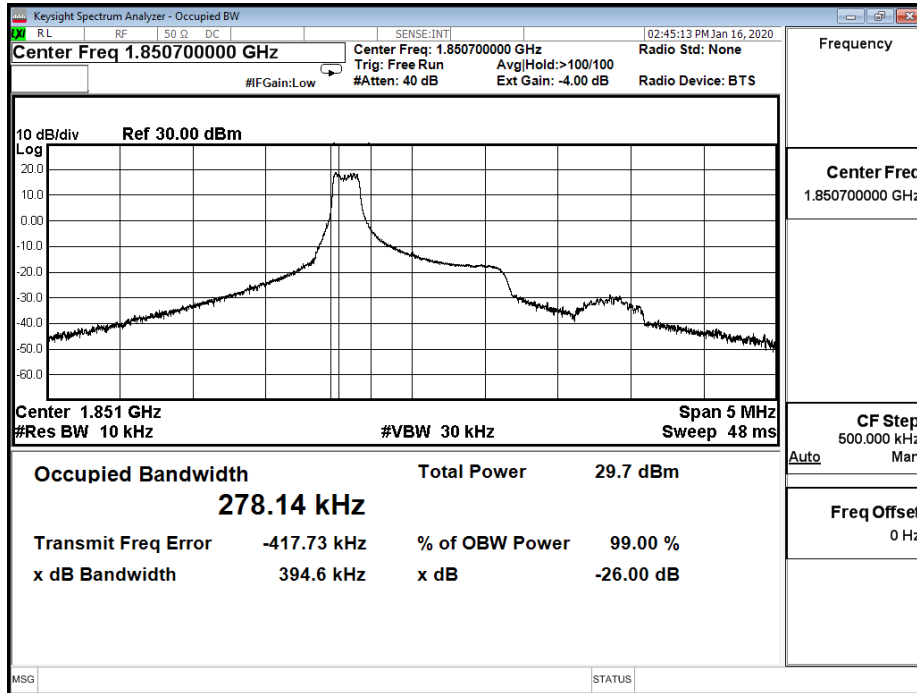
LTE Band 25_1RB Low/high					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
15M	QPSK	1857.5	0.331	0.251	N/A
		1882.5	0.333	0.249	N/A
		1907.5	0.358	0.249	N/A
	16-QAM	1857.5	0.391	0.305	N/A
		1882.5	0.387	0.304	N/A
		1907.5	0.355	0.289	N/A
20M	QPSK	1860	0.348	0.260	N/A
		1882.5	0.362	0.265	N/A
		1905	0.378	0.265	N/A
	16-QAM	1860	0.384	0.273	N/A
		1882.5	0.361	0.276	N/A
		1905	0.370	0.253	N/A

LTE Band 25_Full RB					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	1850.7	1.317	1.106	N/A
		1882.5	1.322	1.107	N/A
		1914.3	1.301	1.100	N/A
	16-QAM	1850.7	1.282	0.944	N/A
		1882.5	1.278	0.945	N/A
		1914.3	1.311	0.963	N/A
3M	QPSK	1851.5	1.320	1.109	N/A
		1882.5	1.333	1.110	N/A
		1913.5	1.334	1.116	N/A
	16-QAM	1851.5	1.282	0.949	N/A
		1882.5	1.273	0.956	N/A
		1913.5	1.320	0.963	N/A
5M	QPSK	1852.5	1.318	1.114	N/A
		1882.5	1.315	1.112	N/A
		1912.5	1.320	1.103	N/A
	16-QAM	1852.5	1.309	0.973	N/A
		1882.5	1.304	0.975	N/A
		1912.5	1.296	1.085	N/A
10M	QPSK	1855	1.315	1.104	N/A
		1882.5	1.315	1.104	N/A
		1910	1.318	1.107	N/A
	16-QAM	1855	1.311	0.978	N/A
		1882.5	1.309	0.979	N/A
		1910	1.396	1.013	N/A

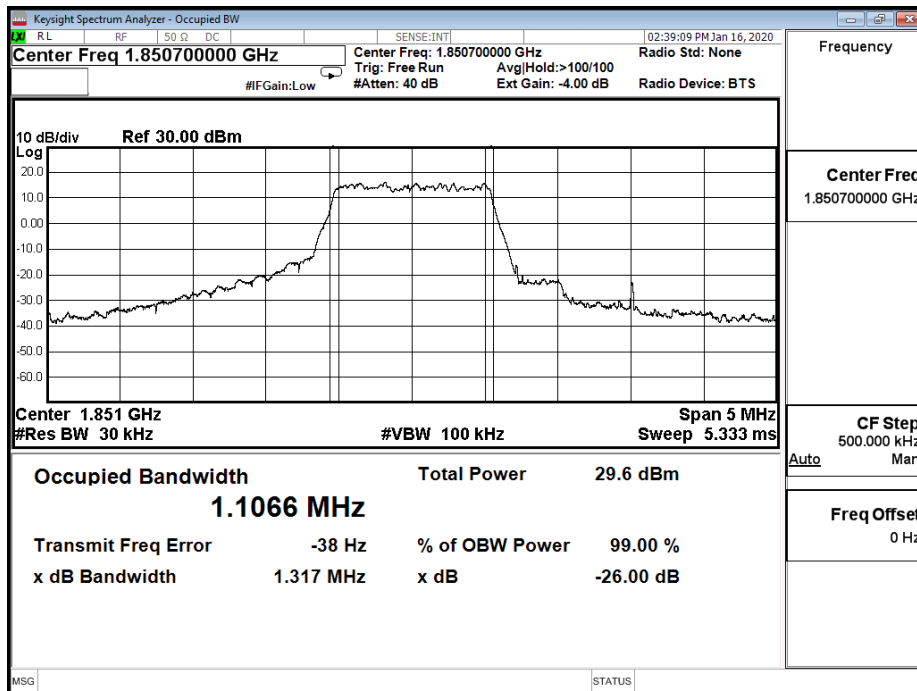
LTE Band 25_Full RB					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
15M	QPSK	1857.5	1.325	1.115	N/A
		1882.5	1.323	1.115	N/A
		1907.5	1.325	1.116	N/A
	16-QAM	1857.5	1.305	0.969	N/A
		1882.5	1.300	0.976	N/A
		1907.5	1.298	0.974	N/A
20M	QPSK	1860	1.313	1.113	N/A
		1882.5	1.313	1.113	N/A
		1905	1.315	1.104	N/A
	16-QAM	1860	1.306	0.982	N/A
		1882.5	1.310	0.978	N/A
		1905	1.300	0.996	N/A



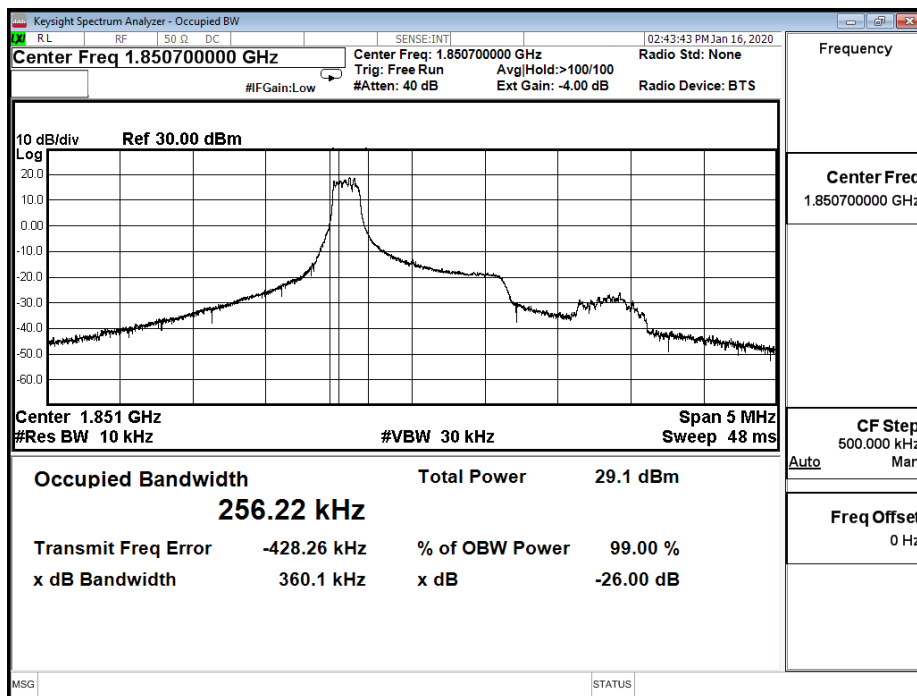
B25\_CH26047\_1.4M\_QPSK\_1RB0



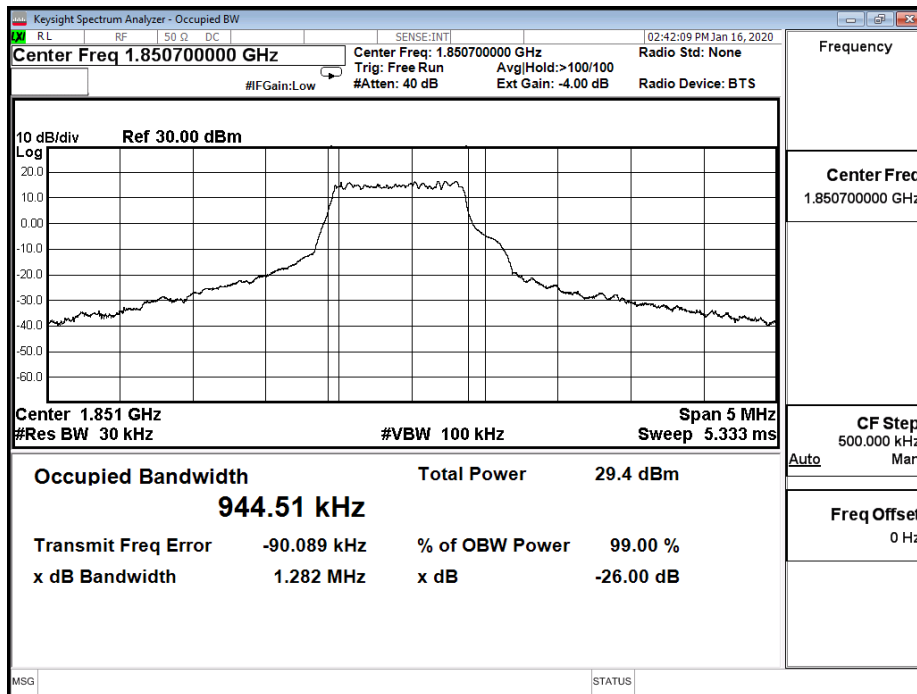
B25\_CH26047\_1.4M\_QPSK\_6RB0



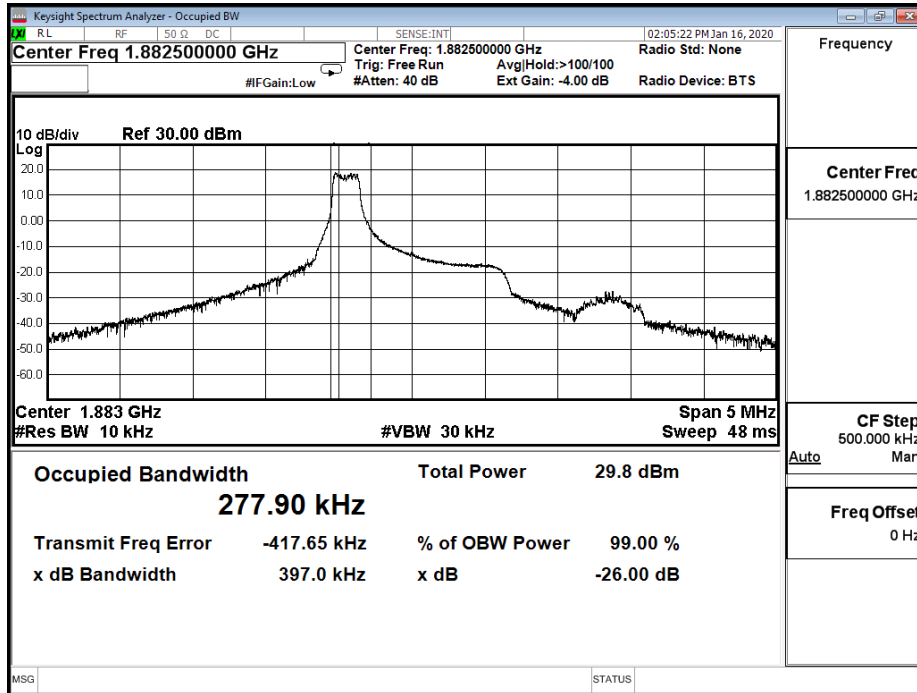
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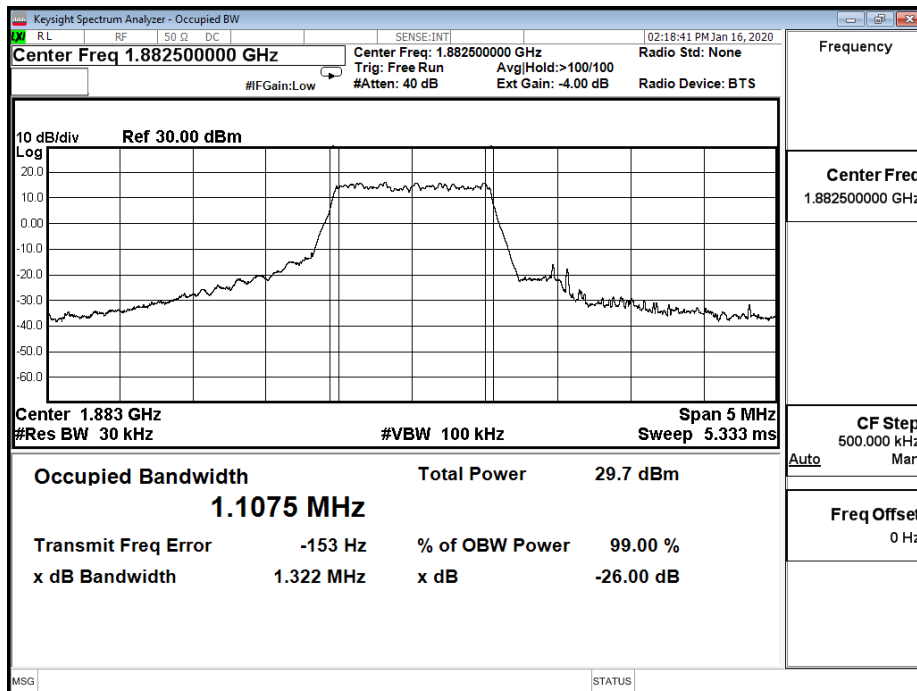
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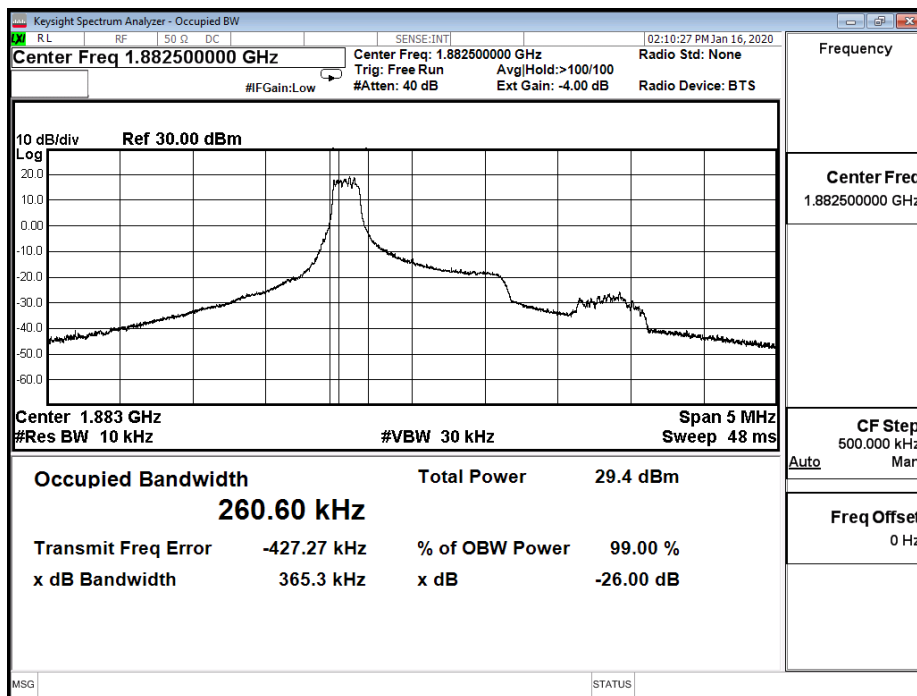
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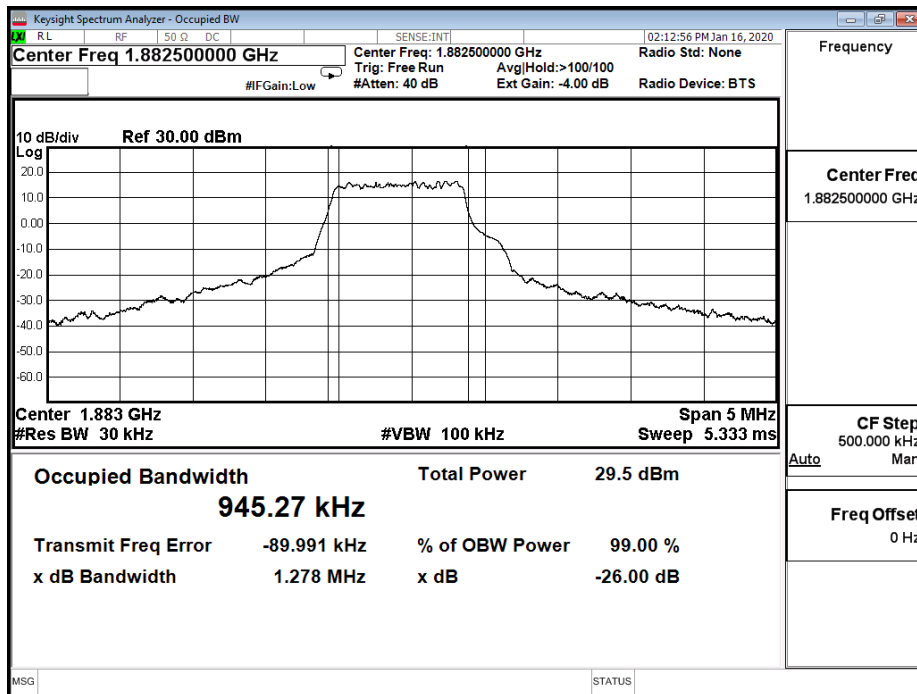
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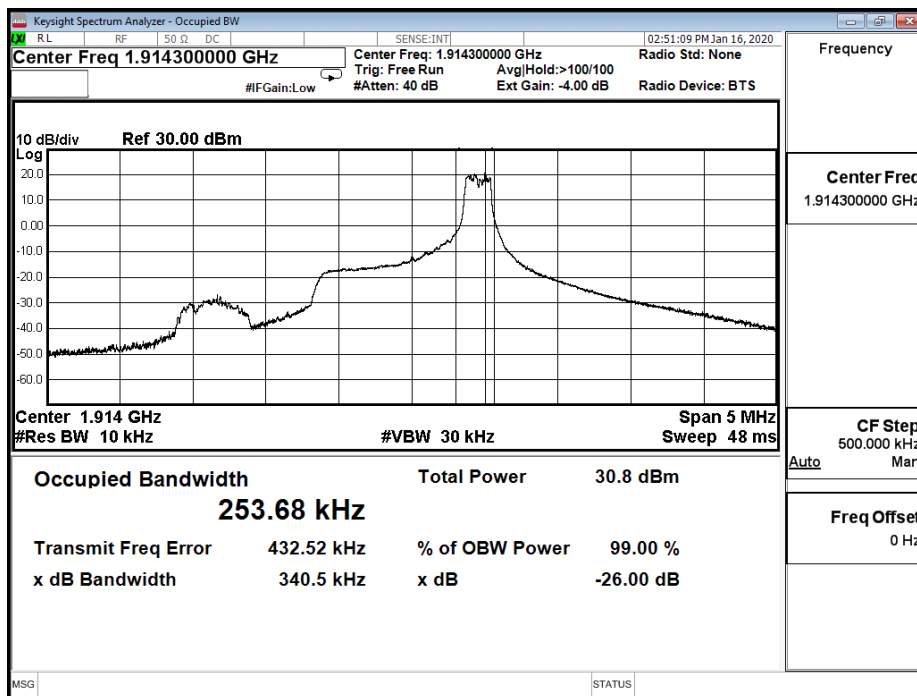
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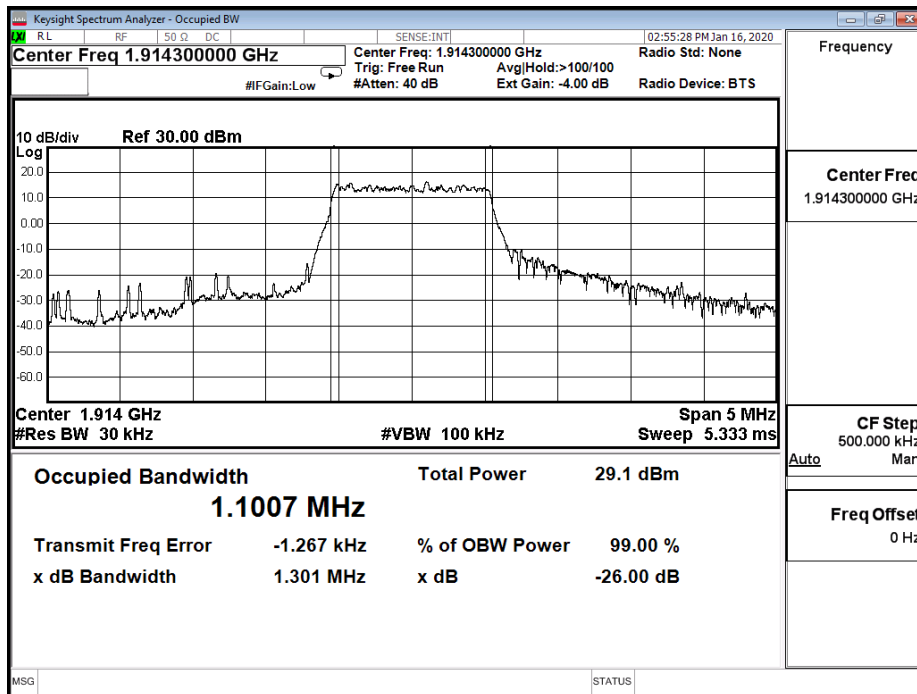
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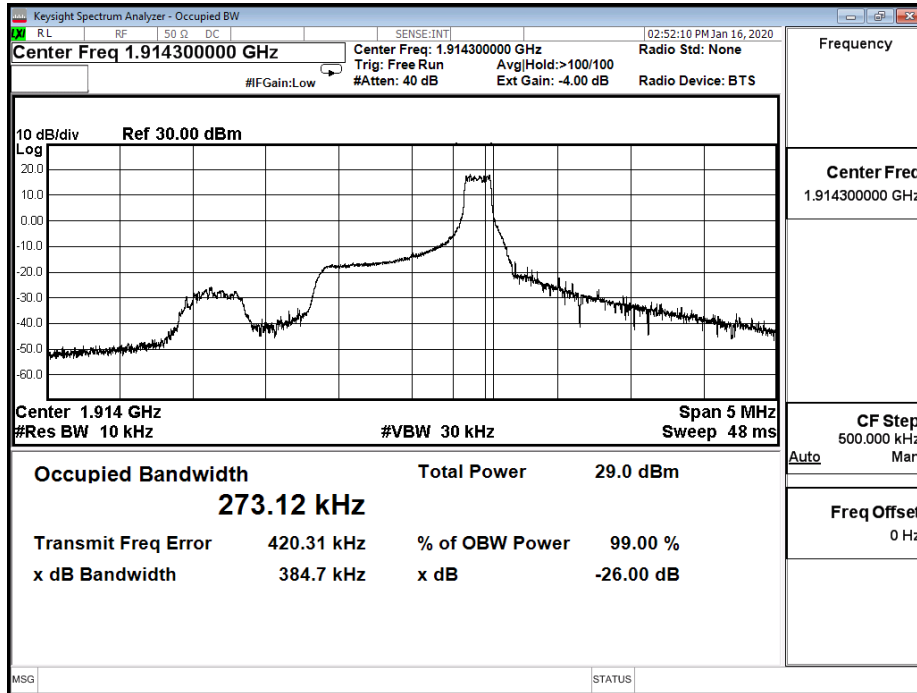
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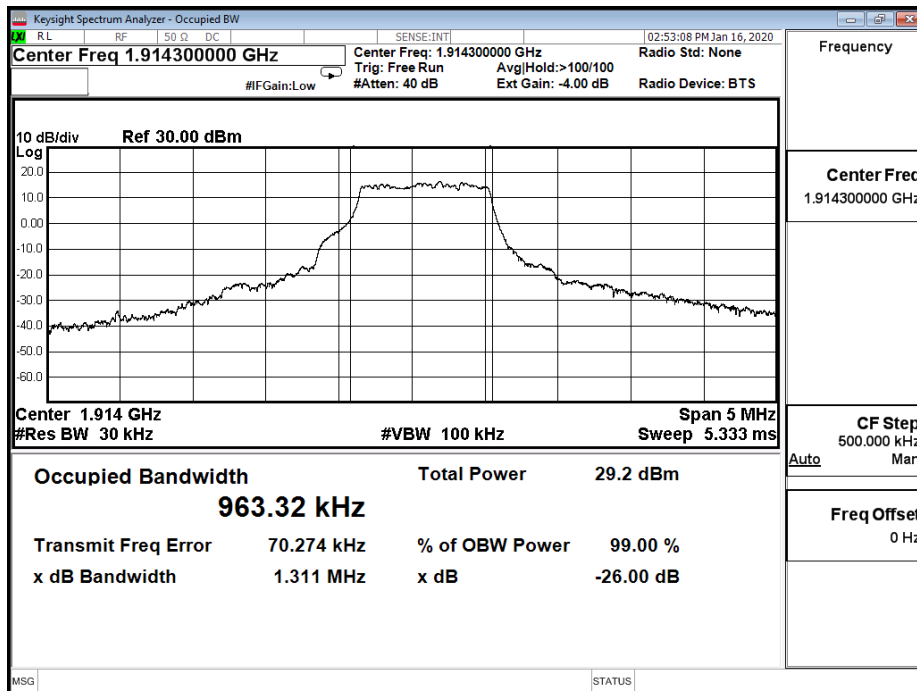
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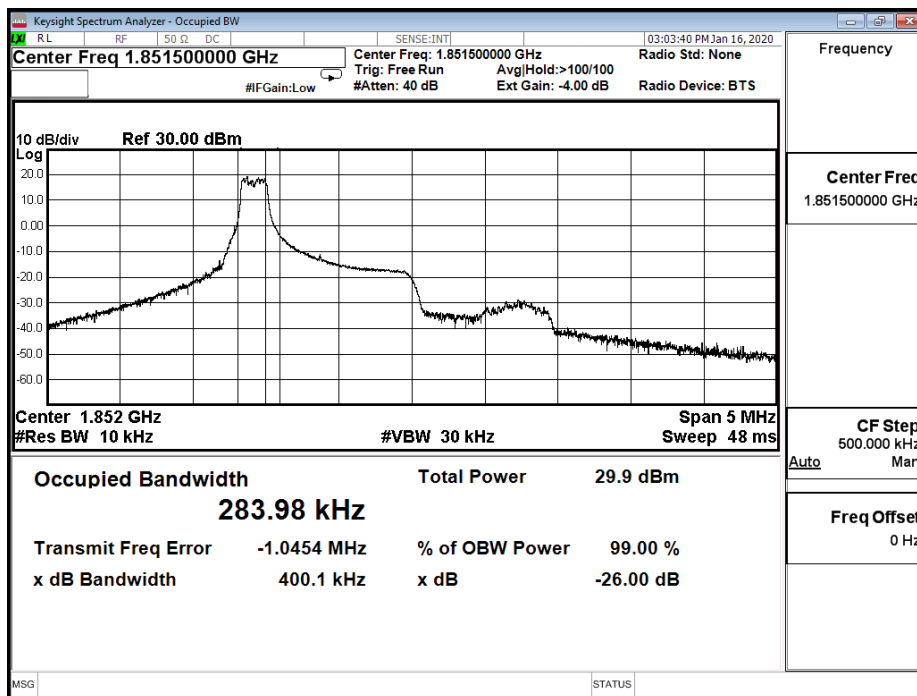
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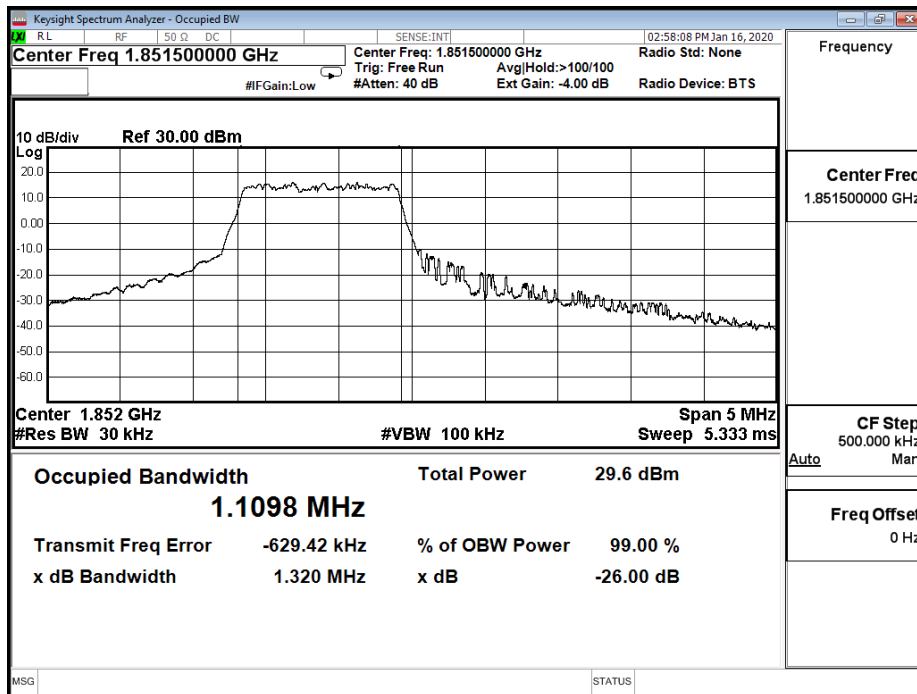
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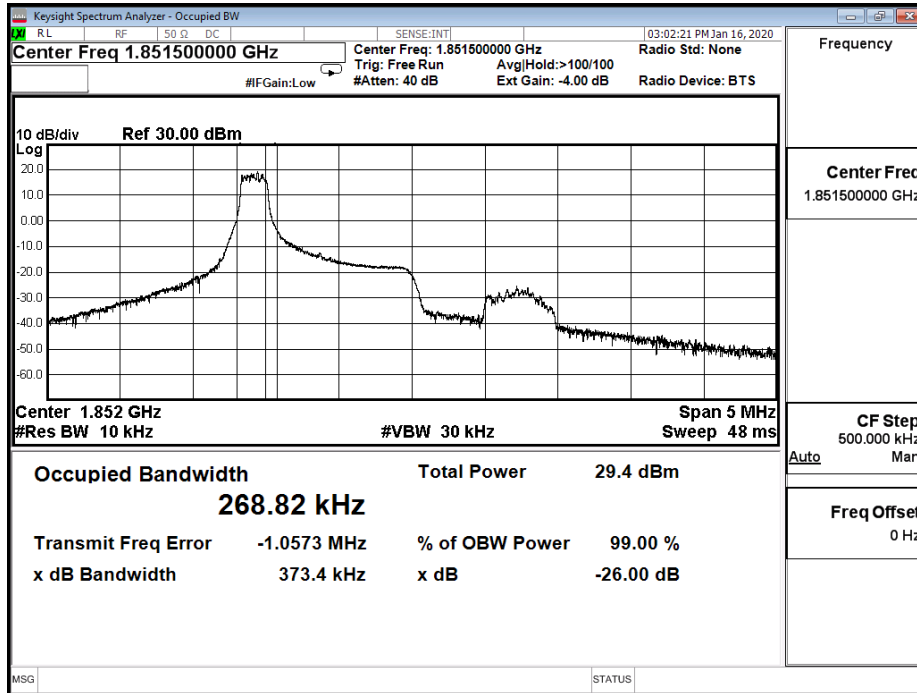
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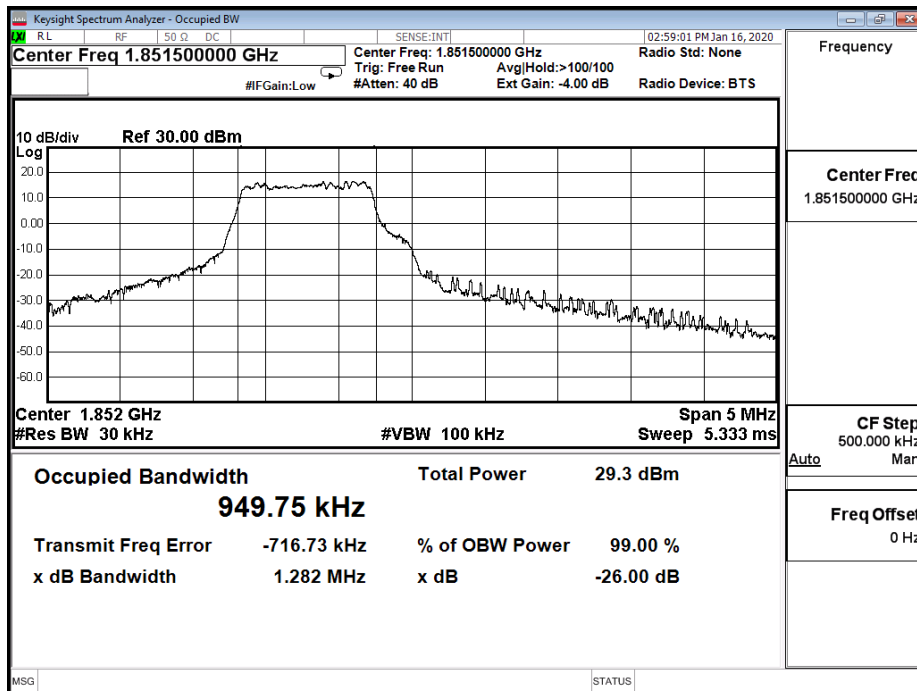
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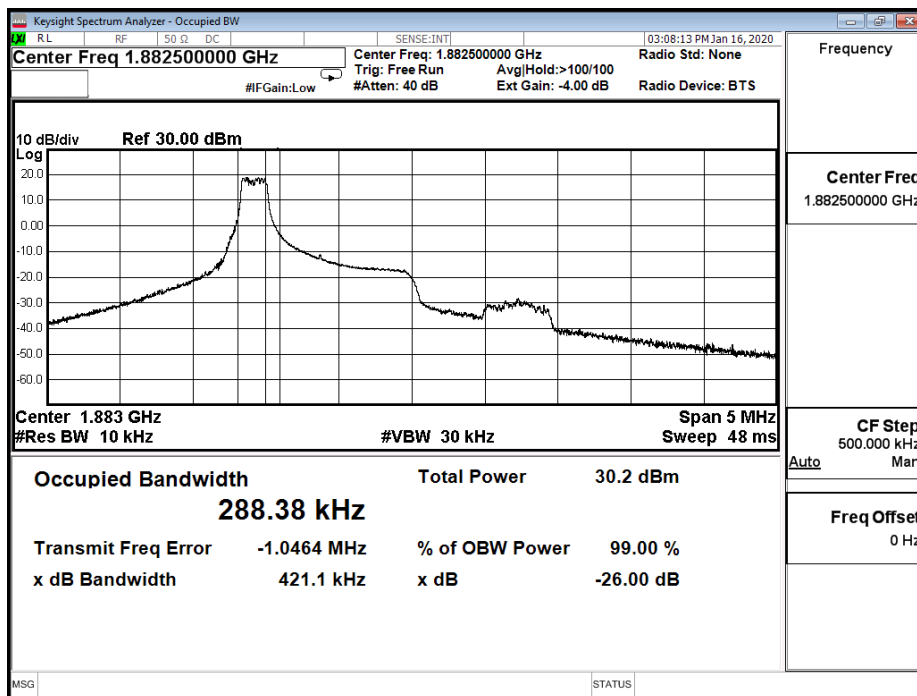


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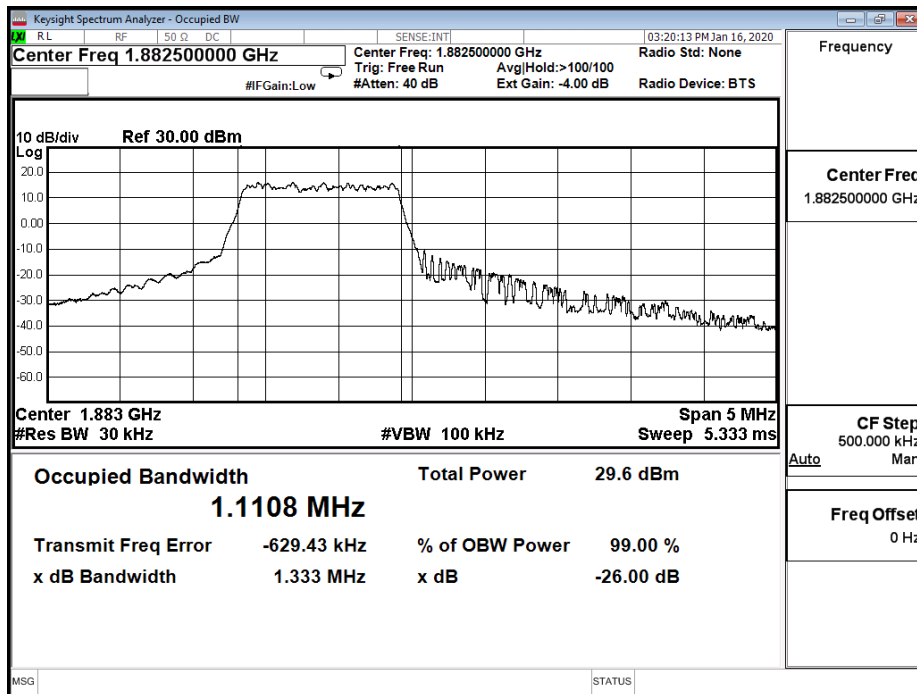




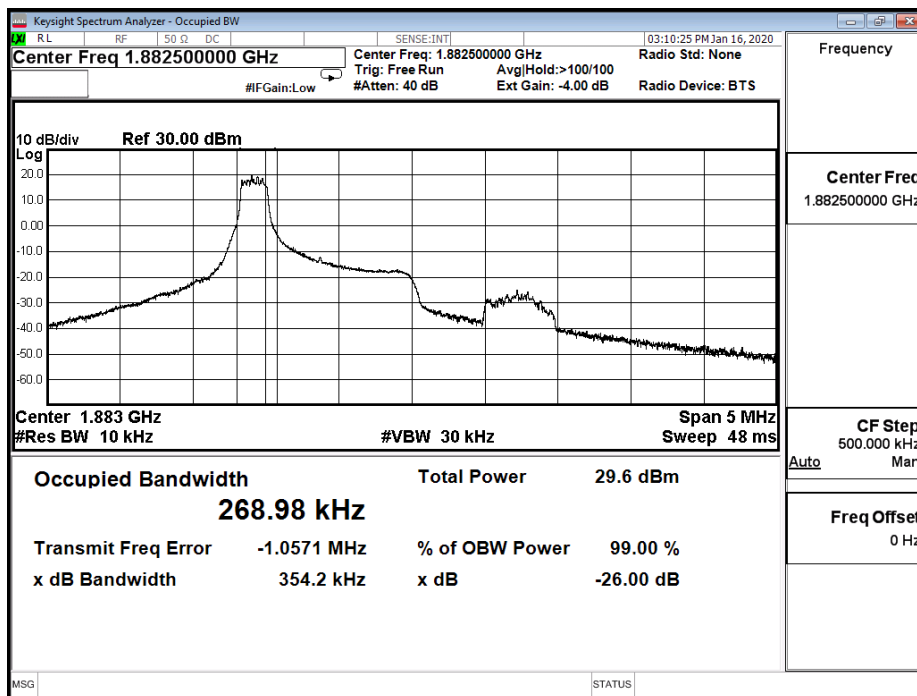
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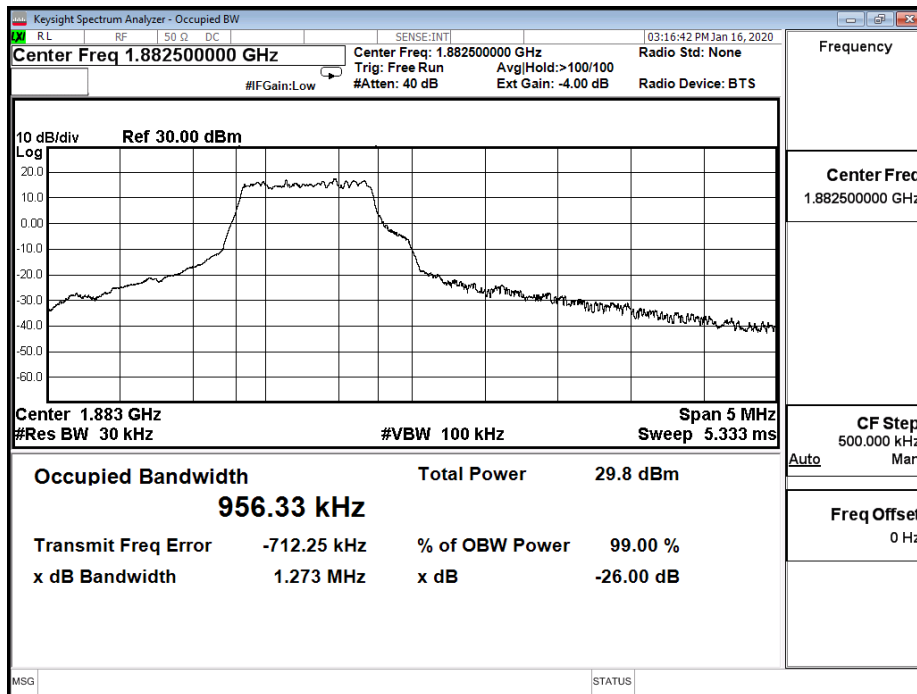
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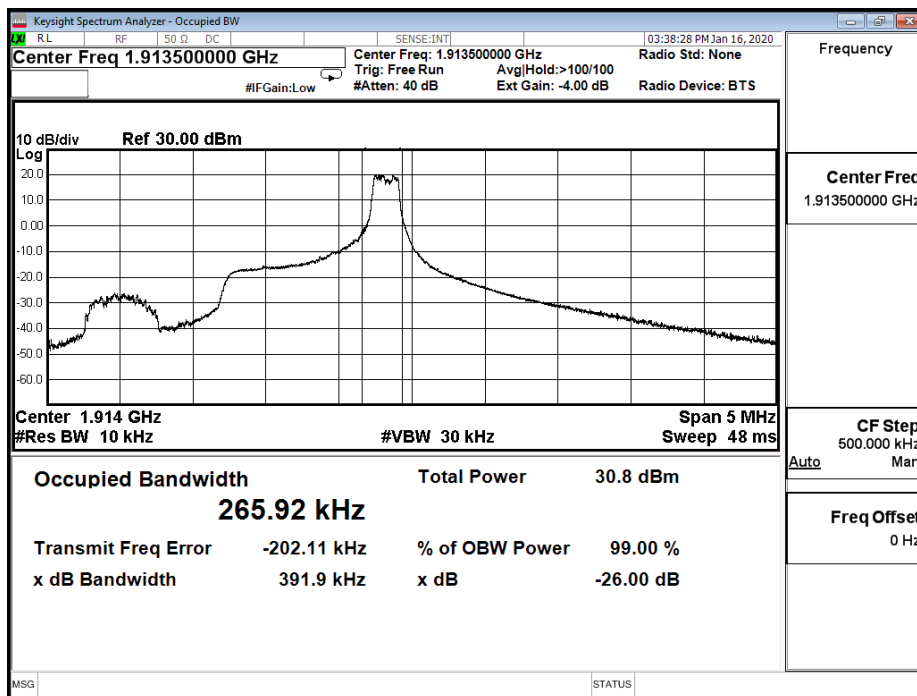
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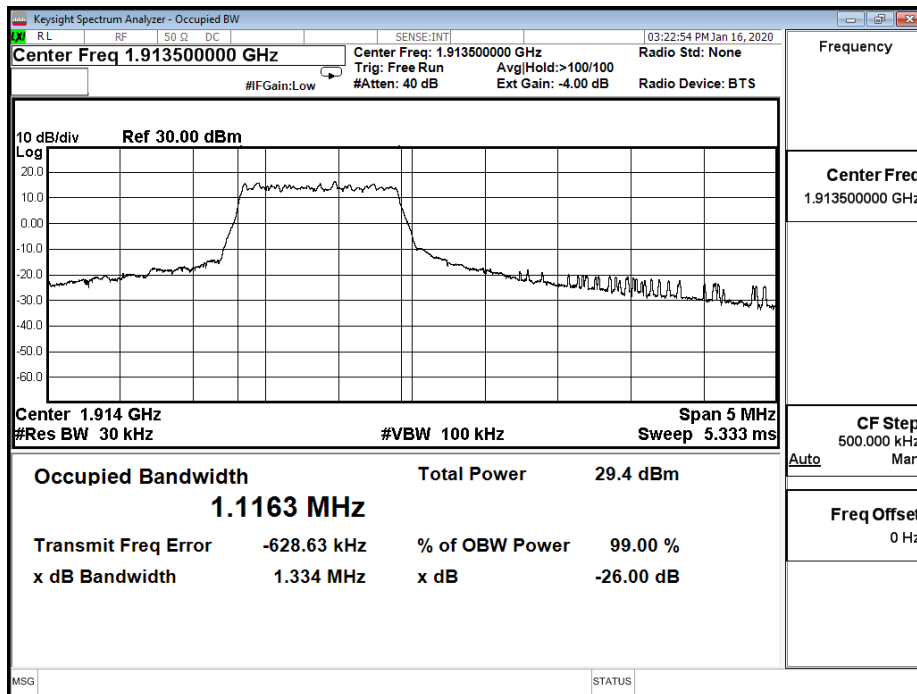
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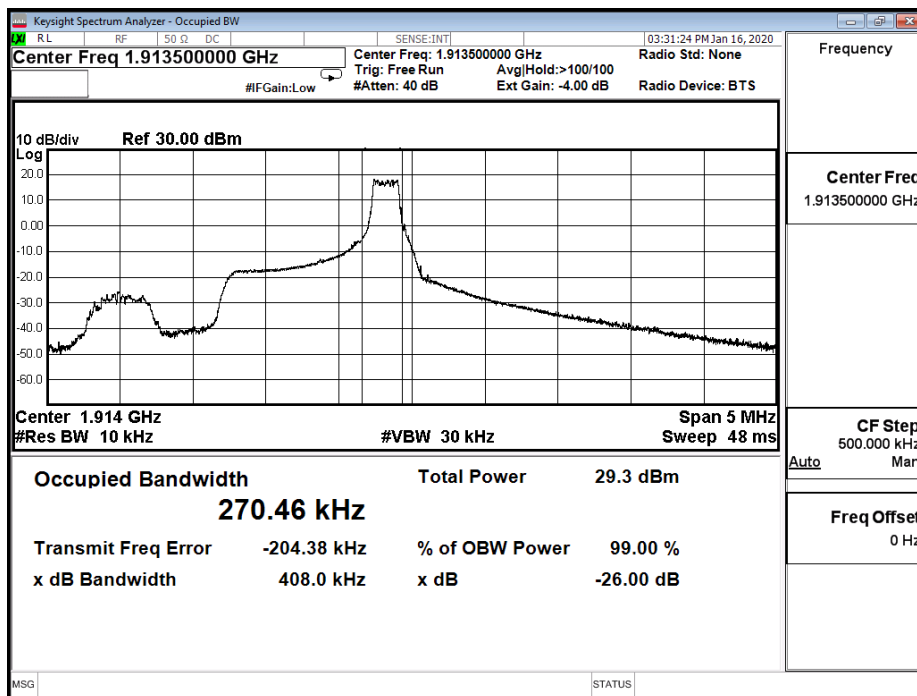
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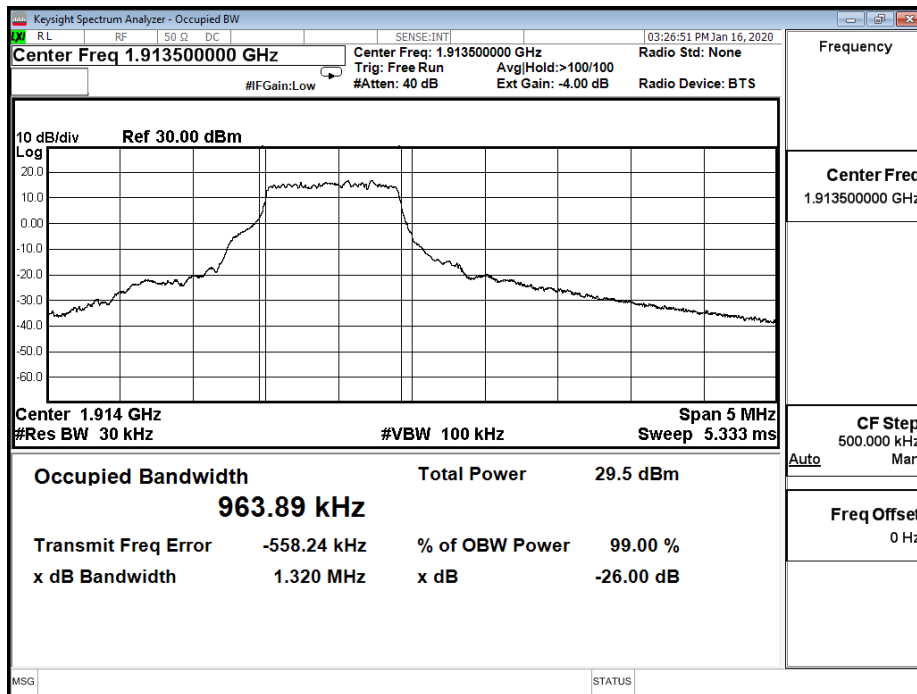
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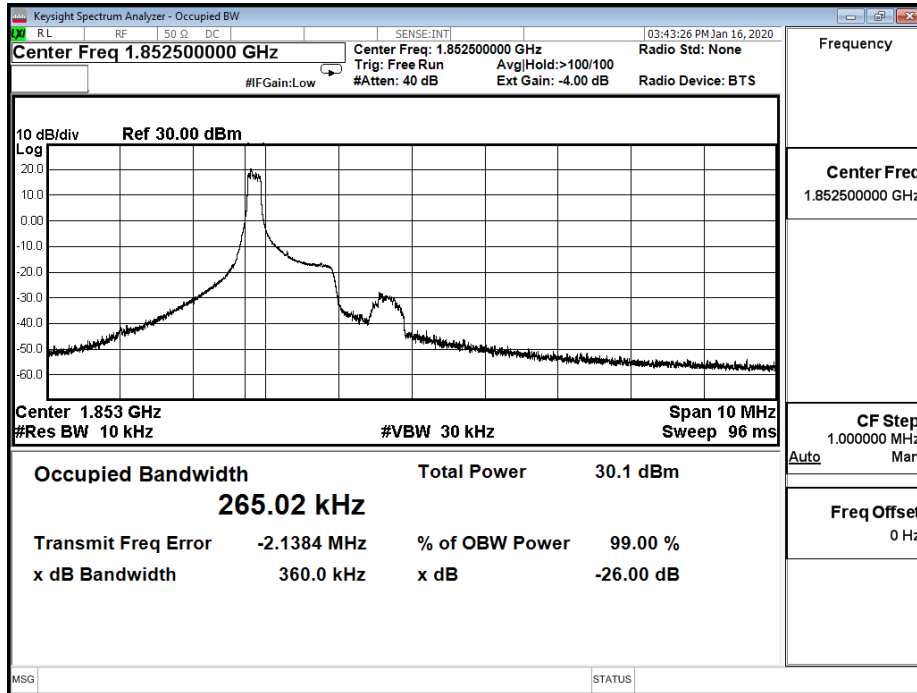
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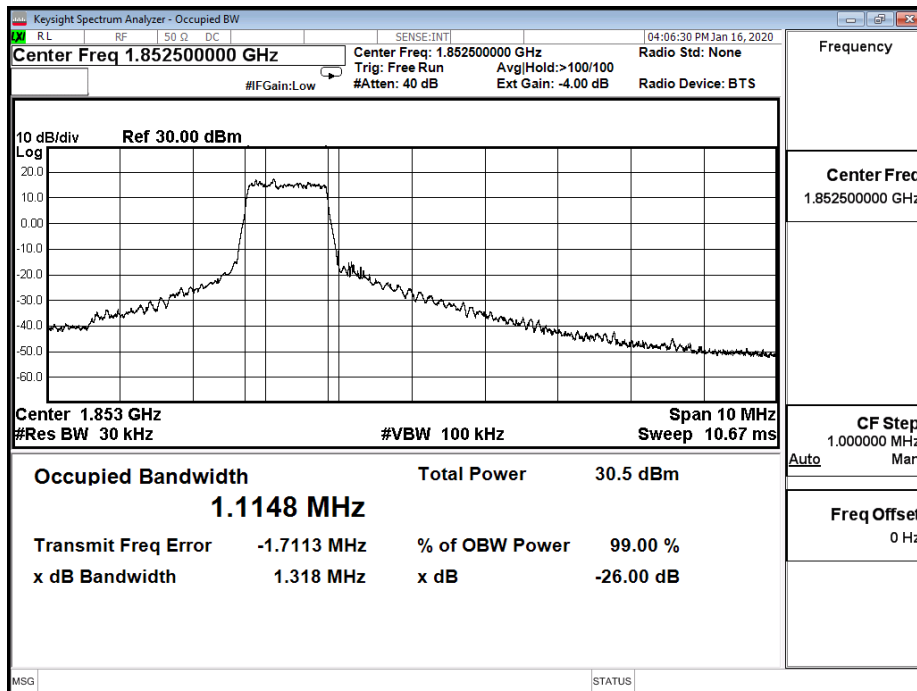
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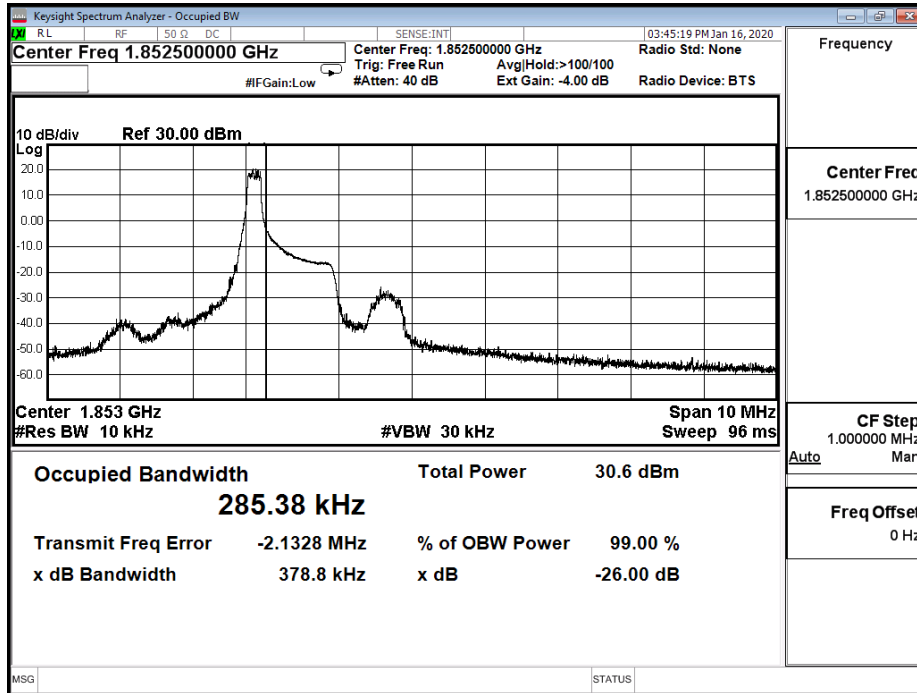
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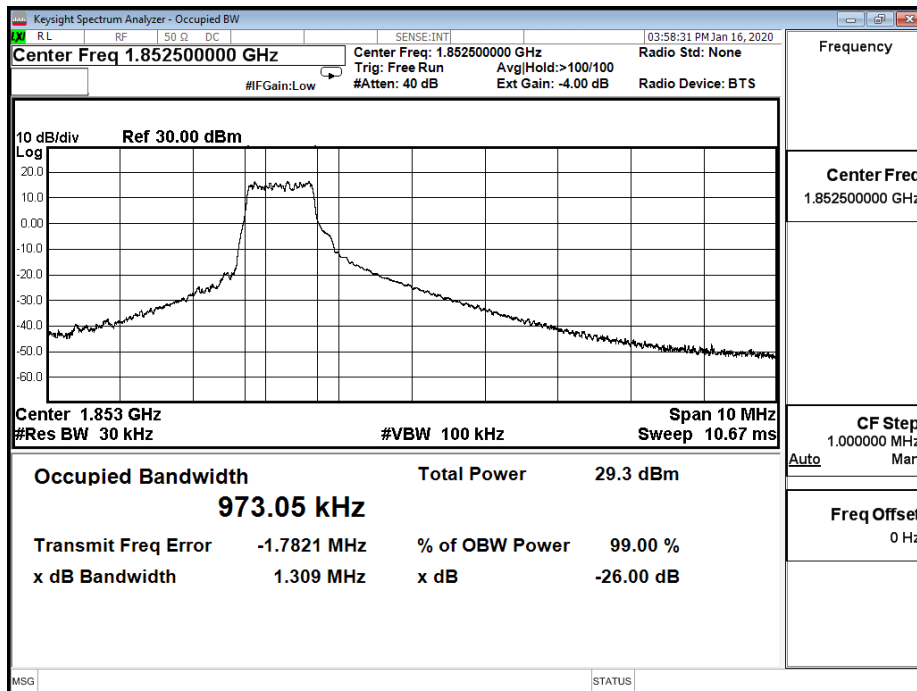
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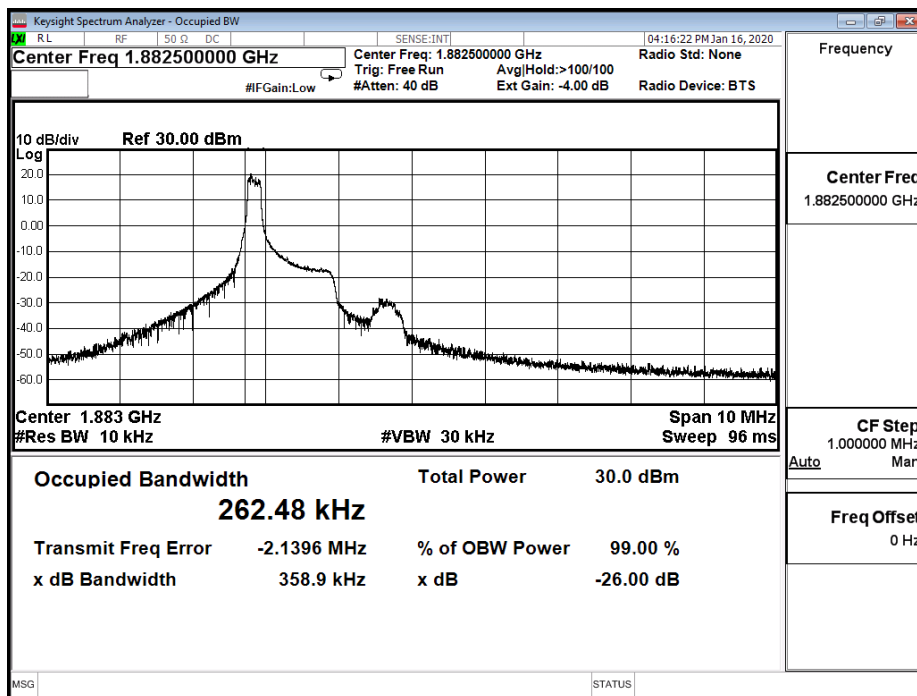
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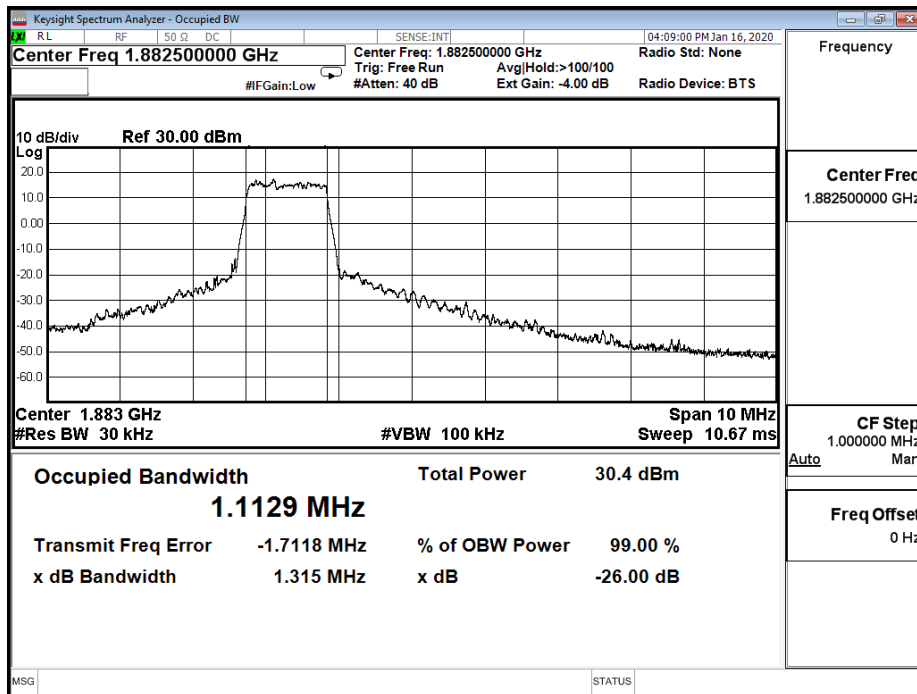
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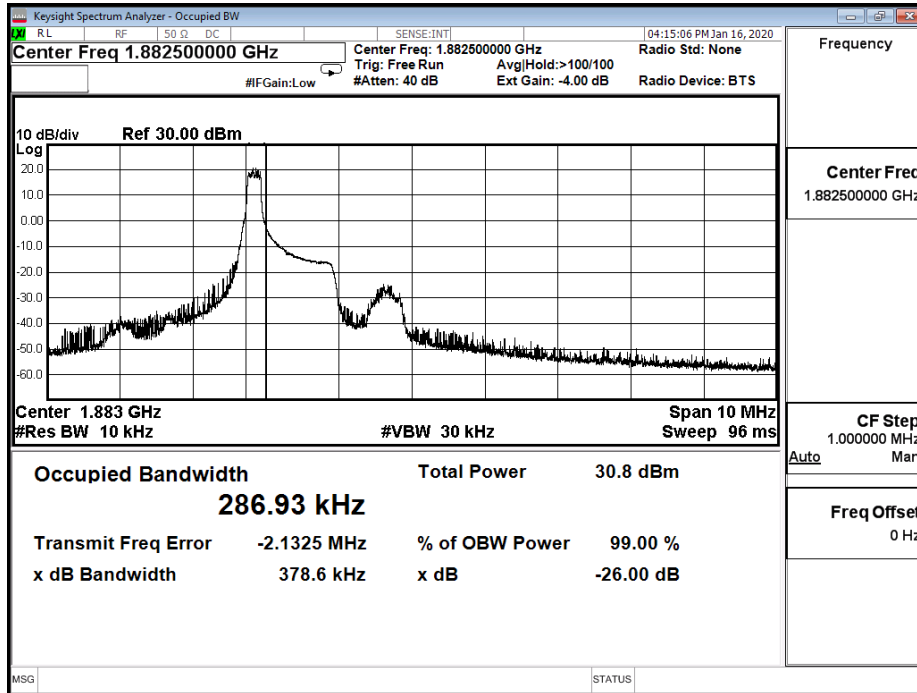
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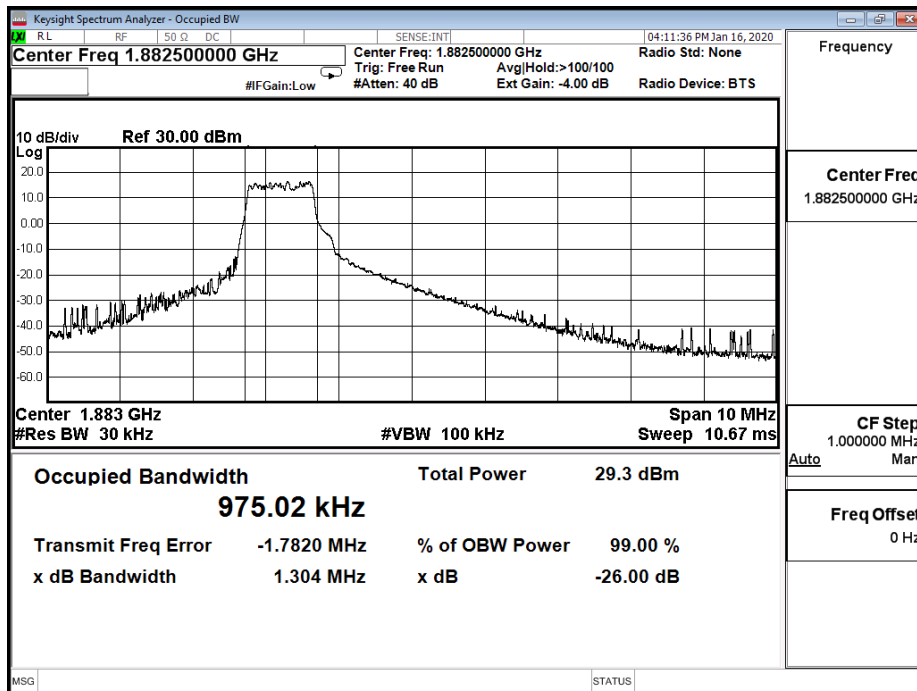
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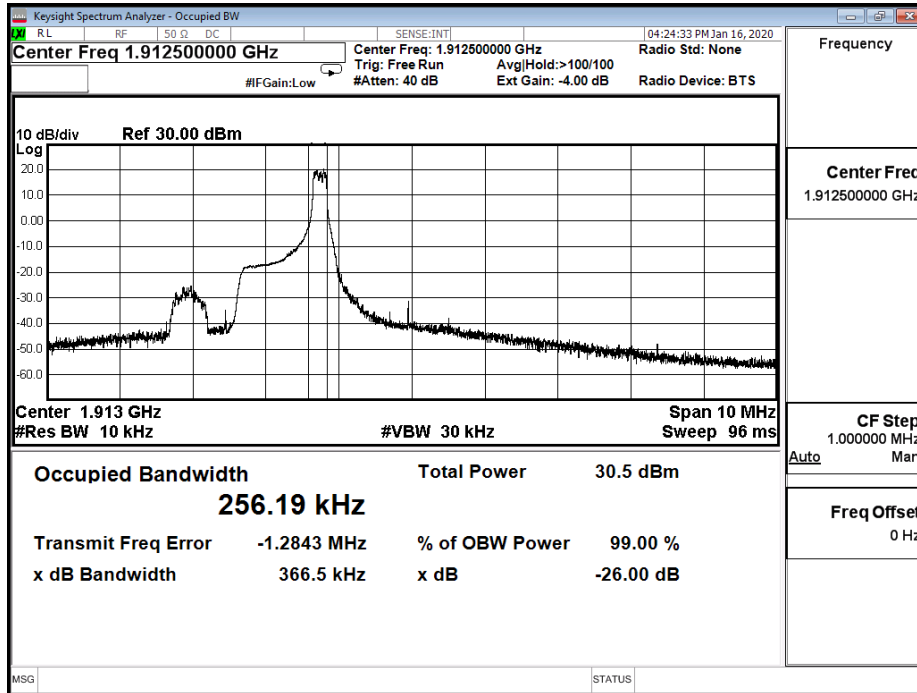


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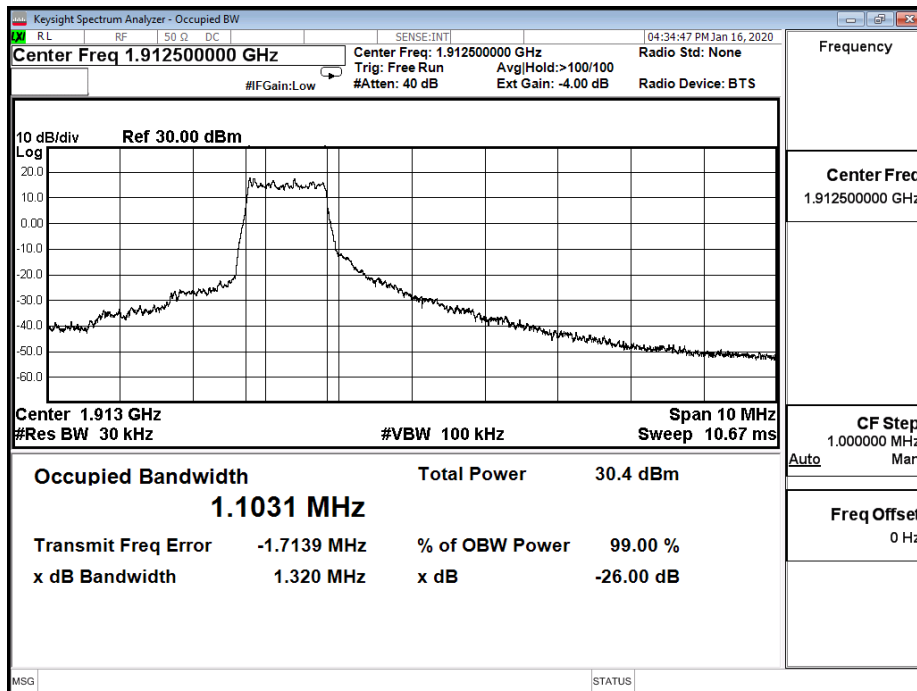




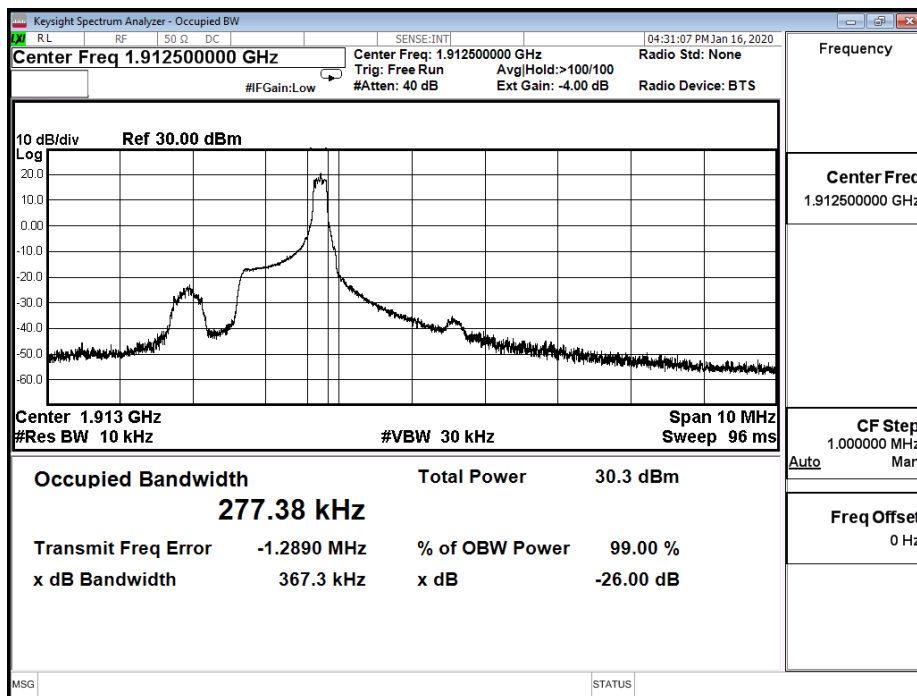
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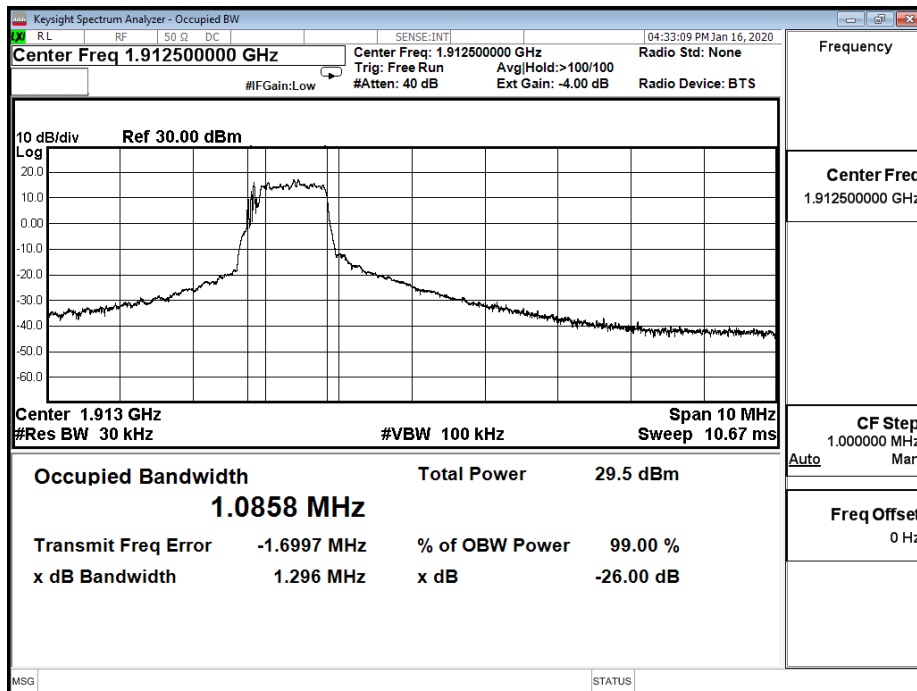
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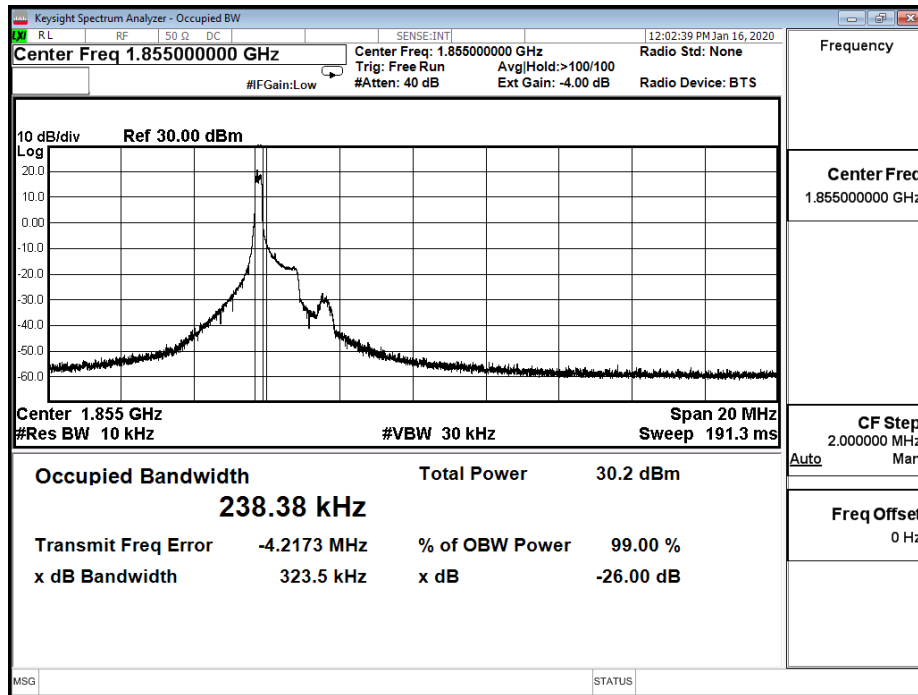
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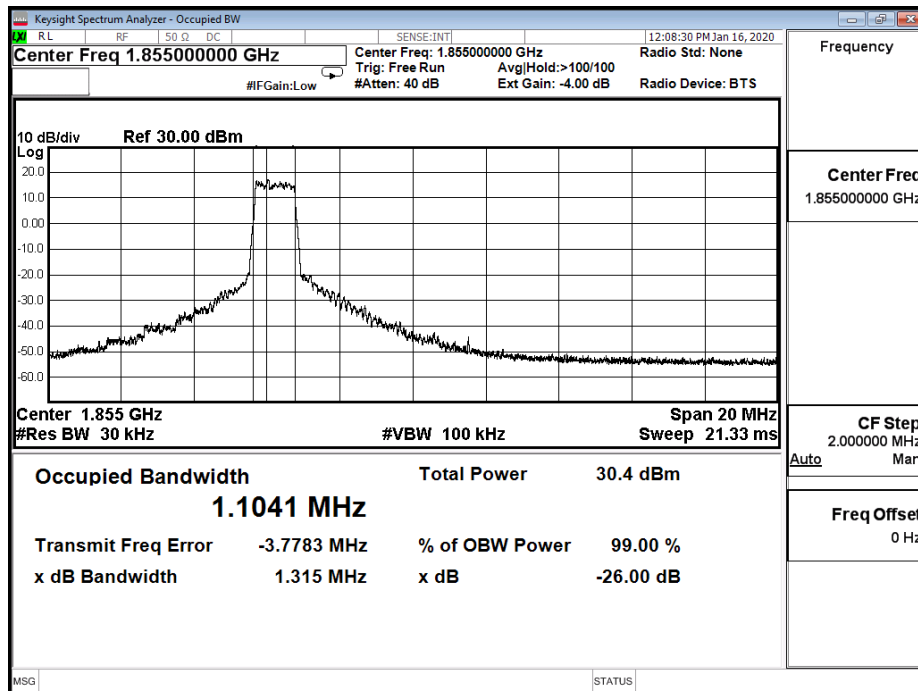
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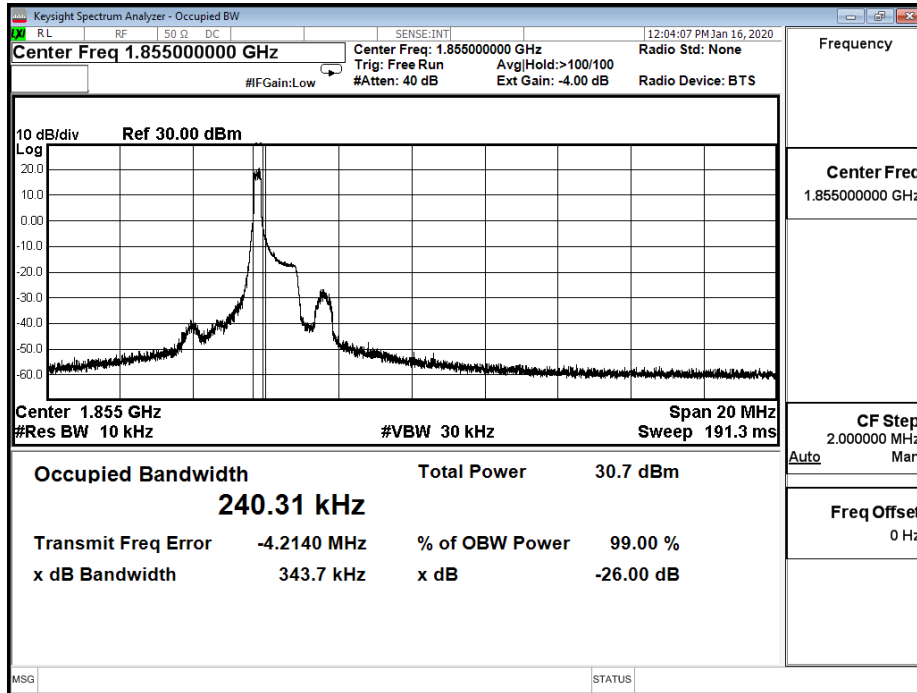
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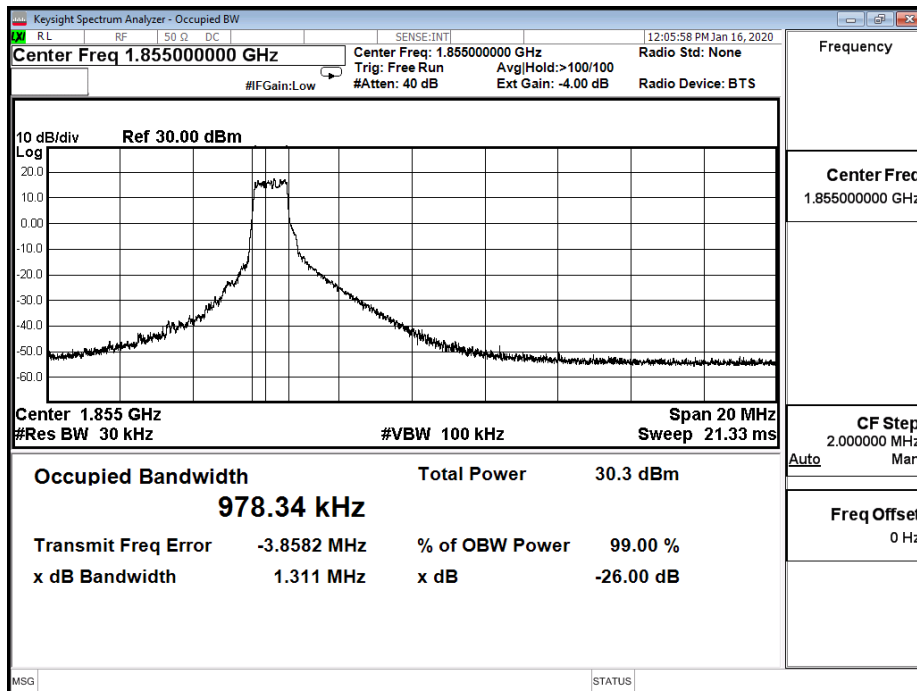
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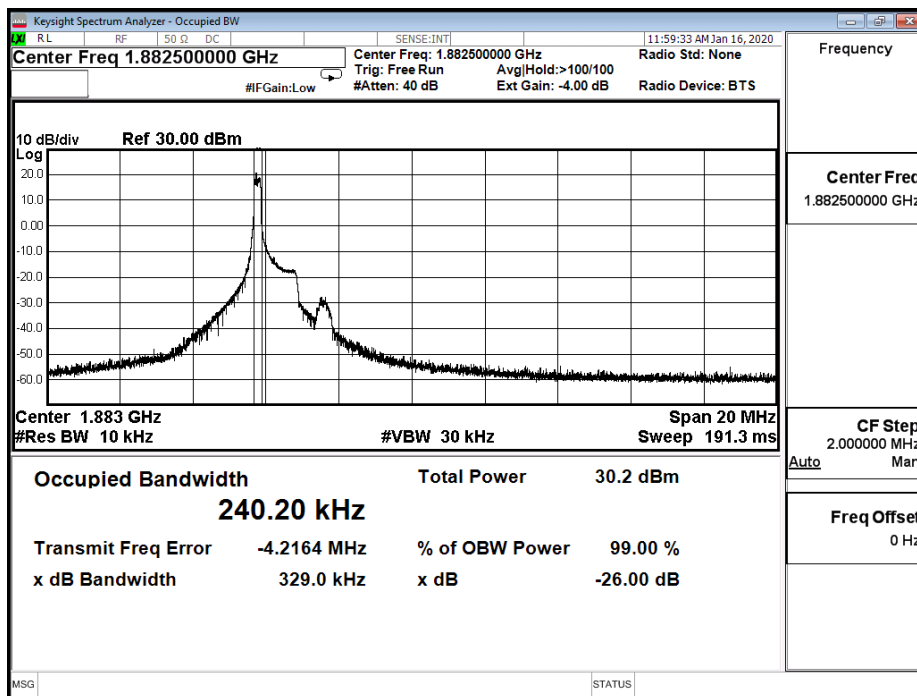
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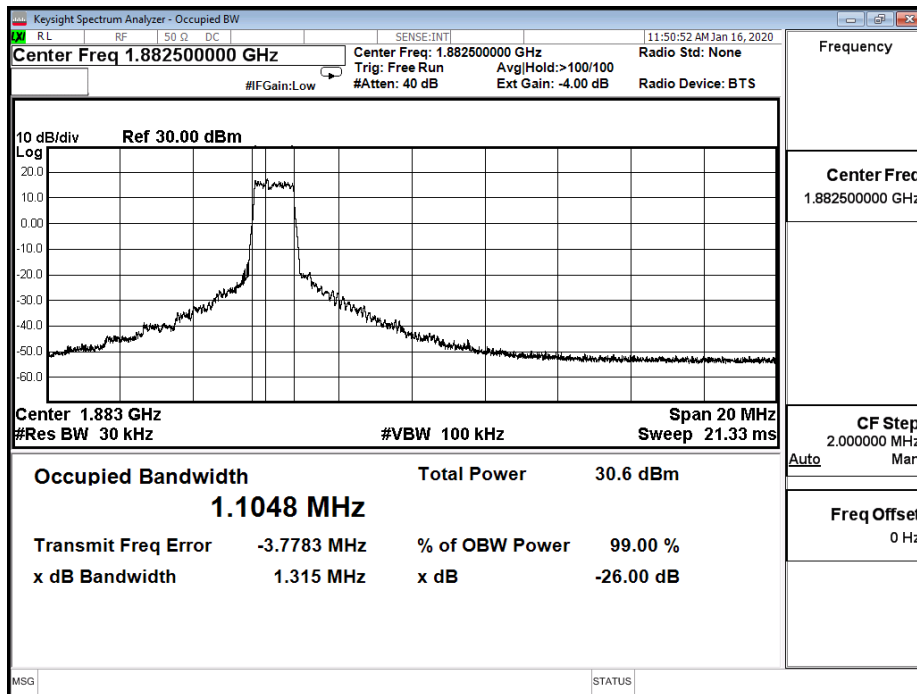
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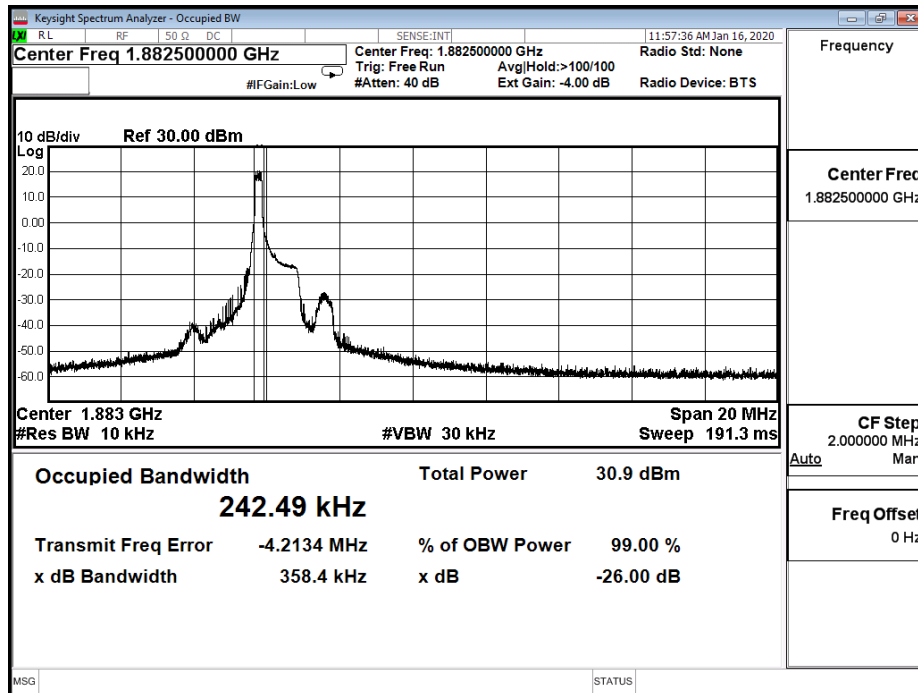
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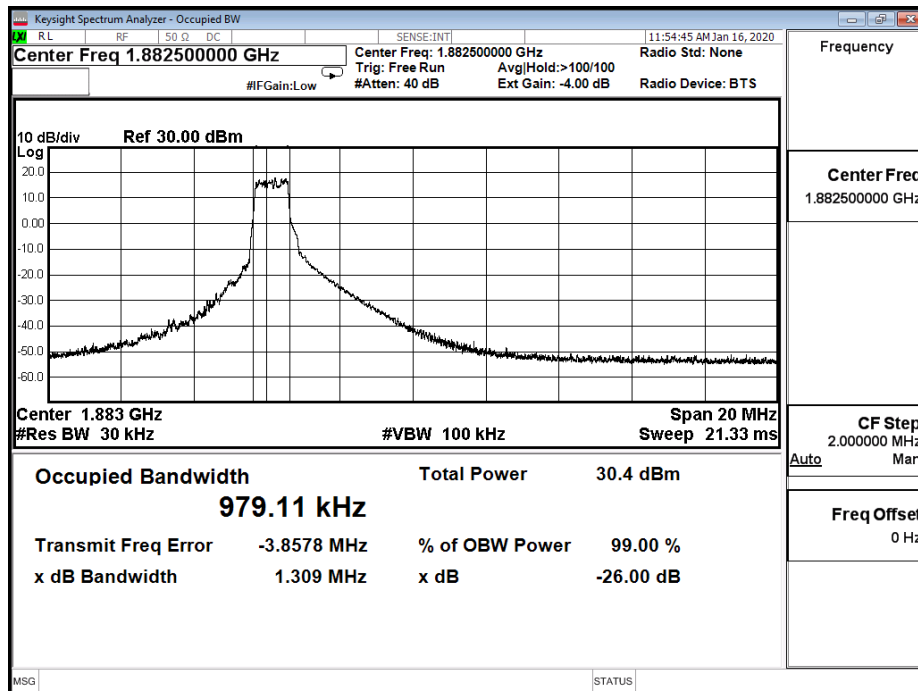
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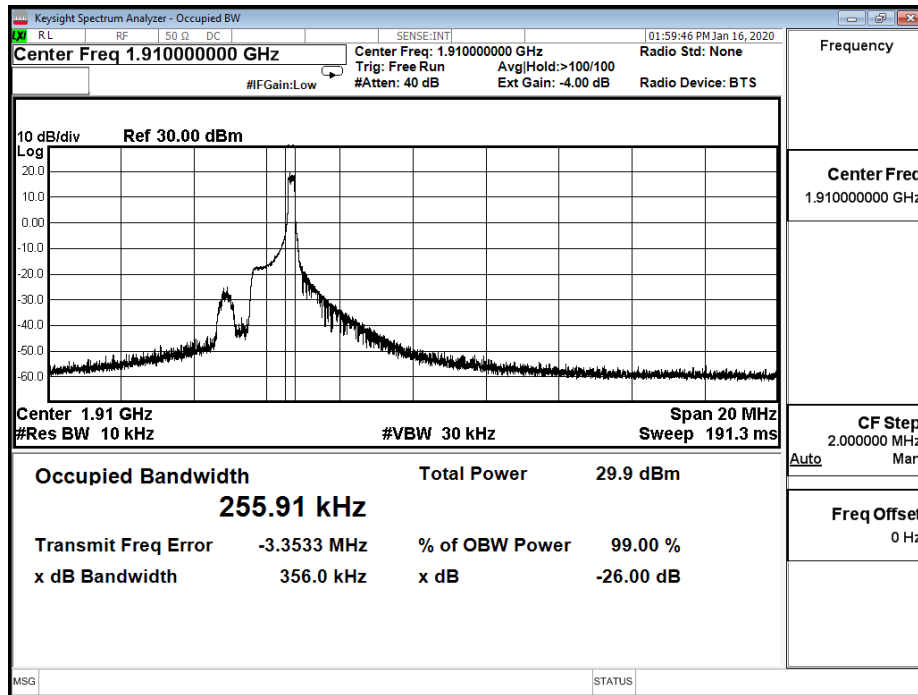
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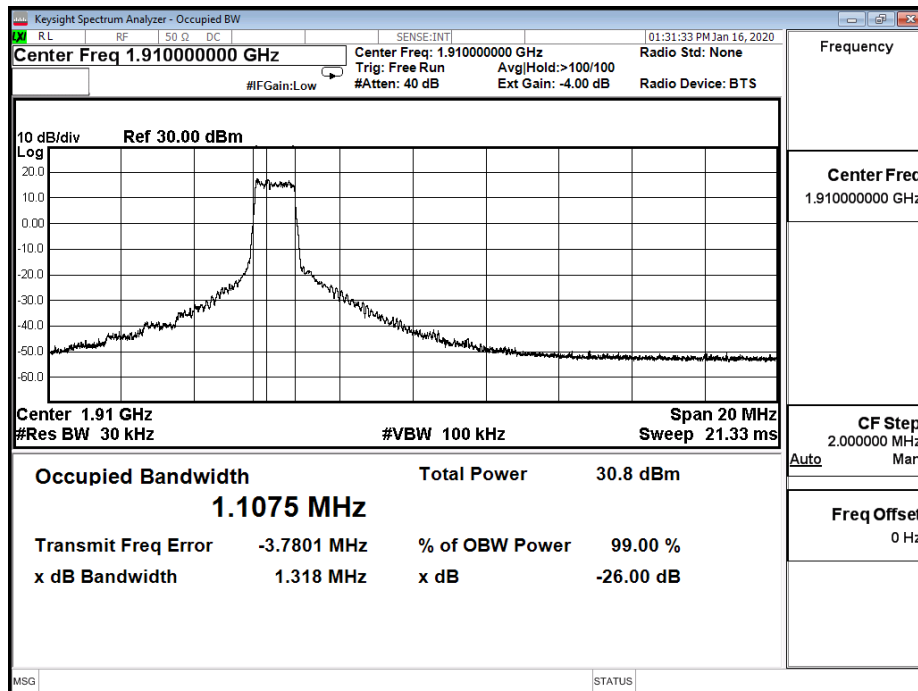
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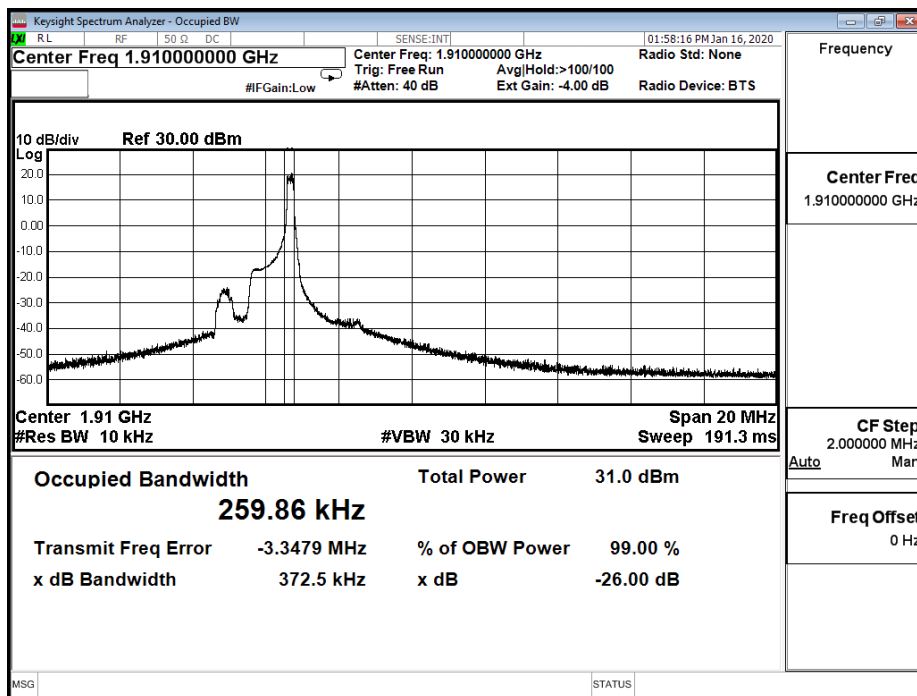
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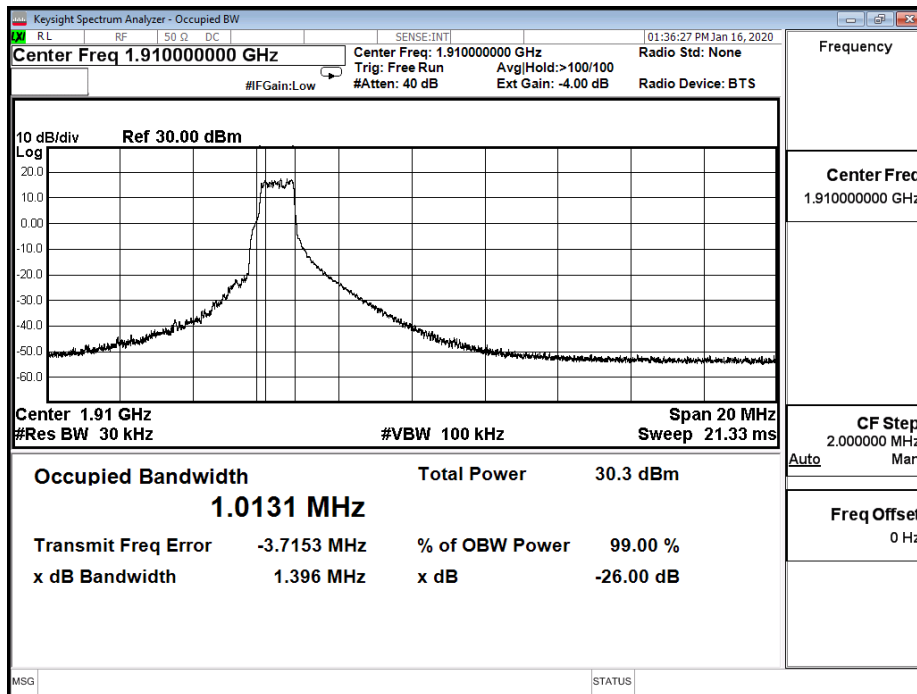
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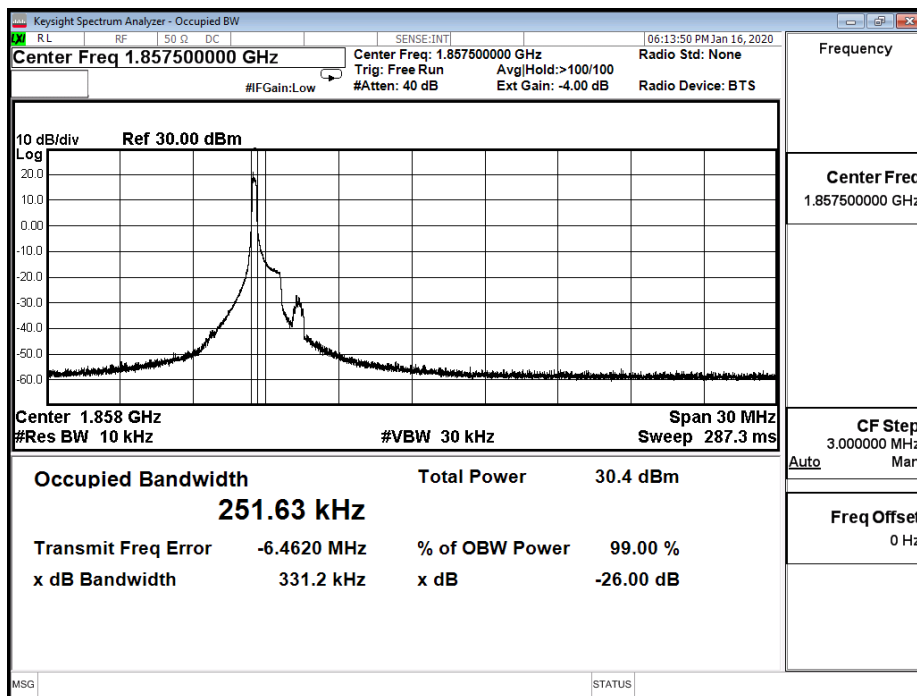


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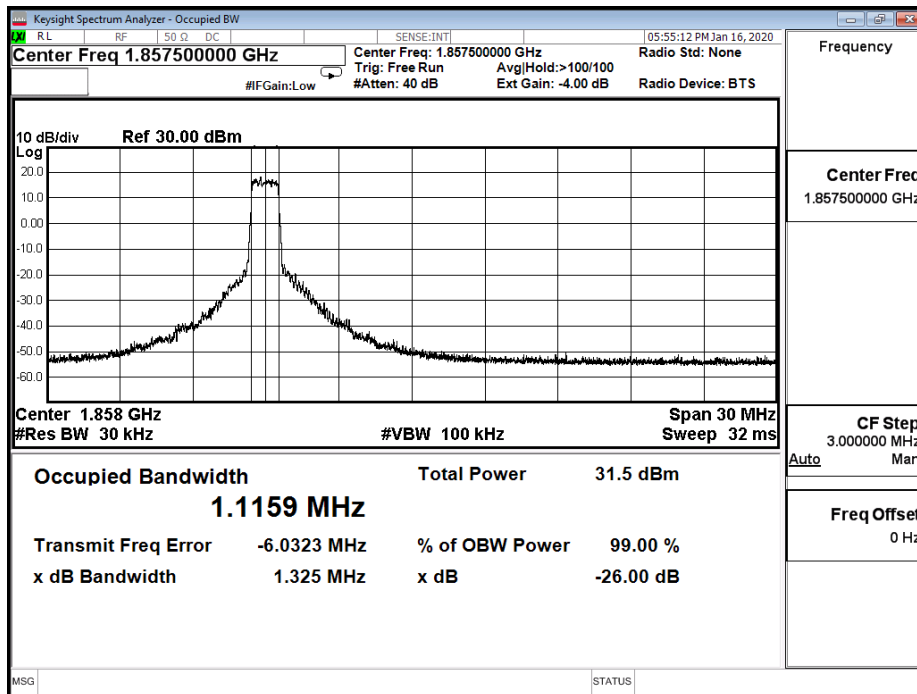




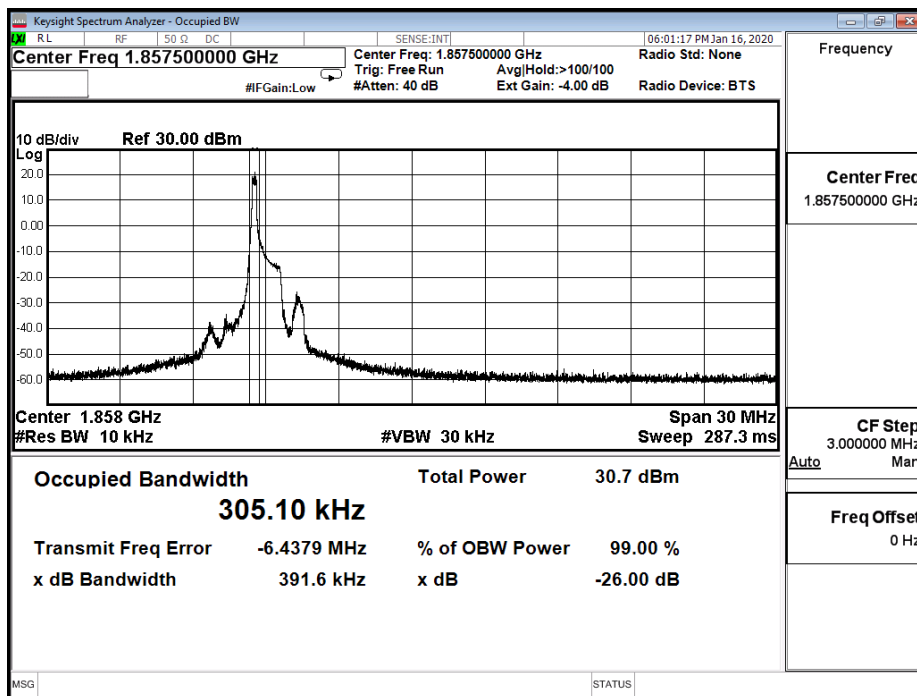
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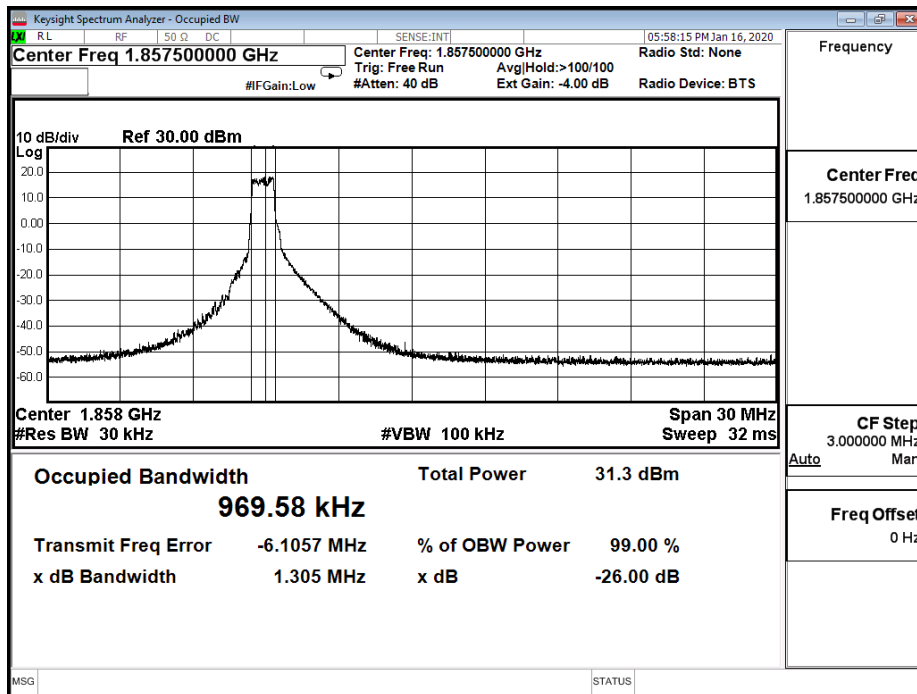
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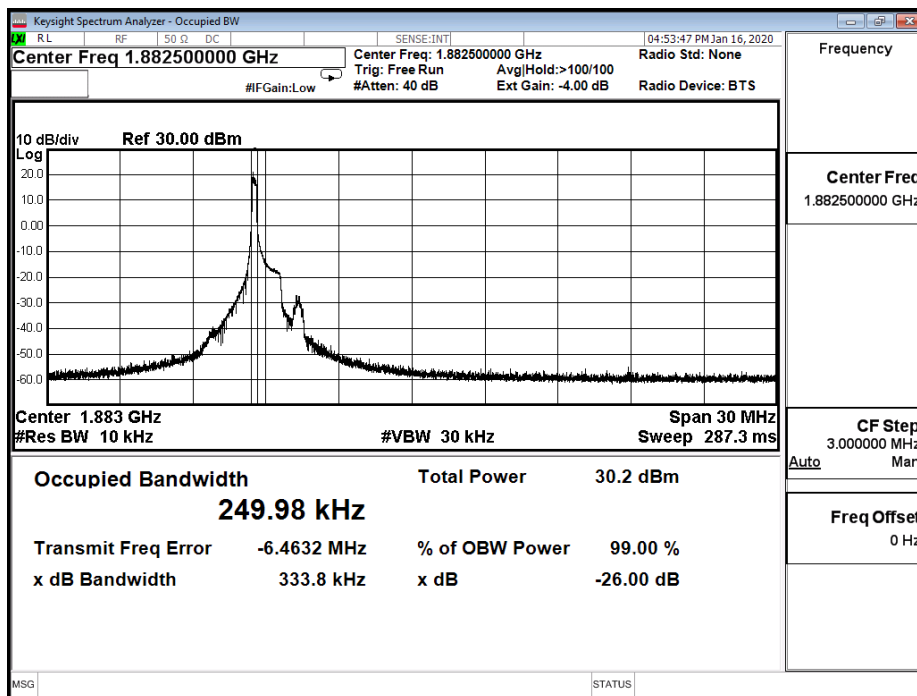
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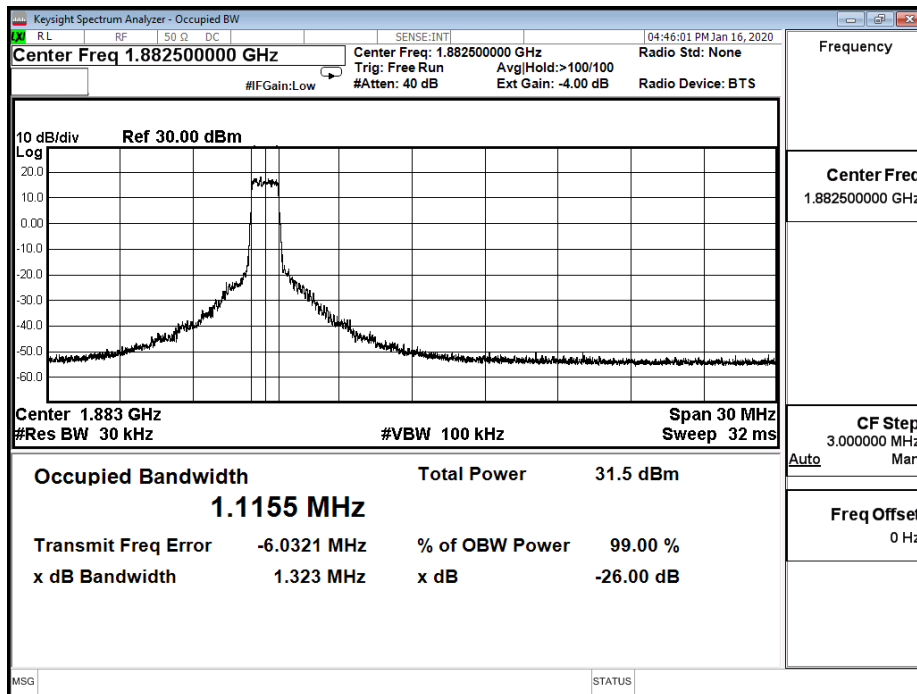
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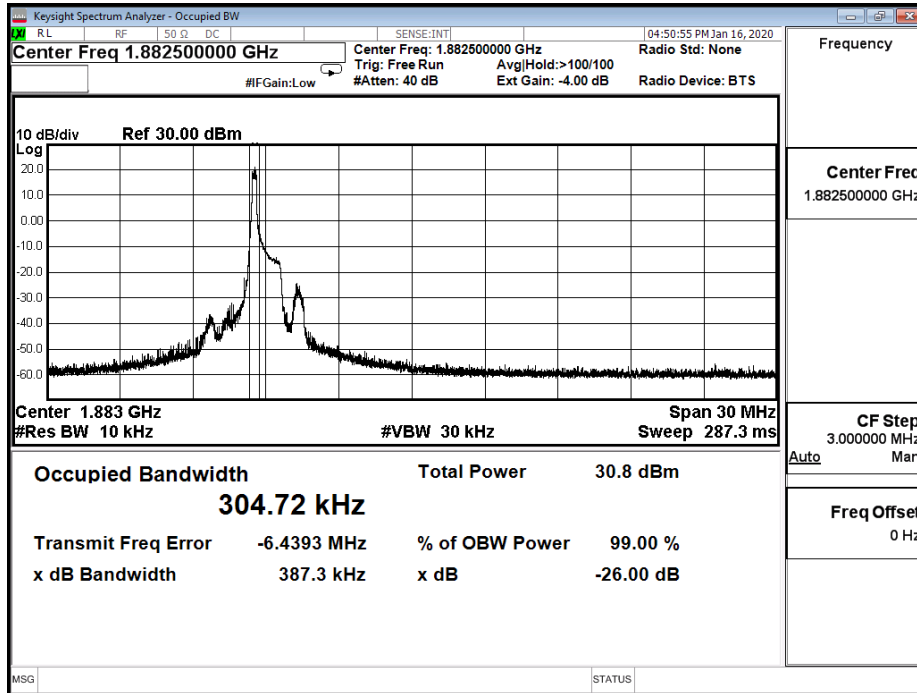
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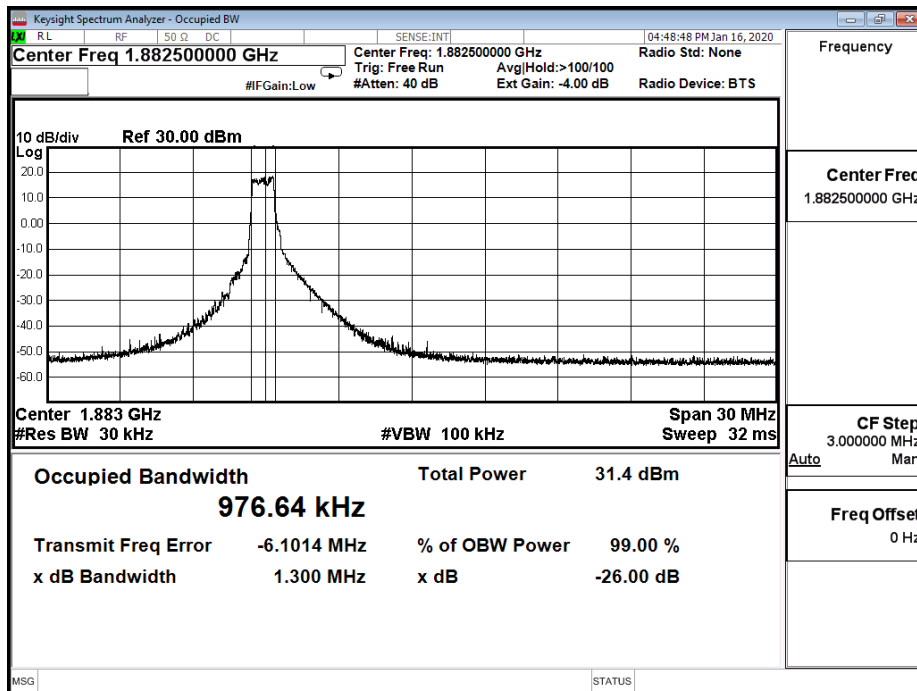
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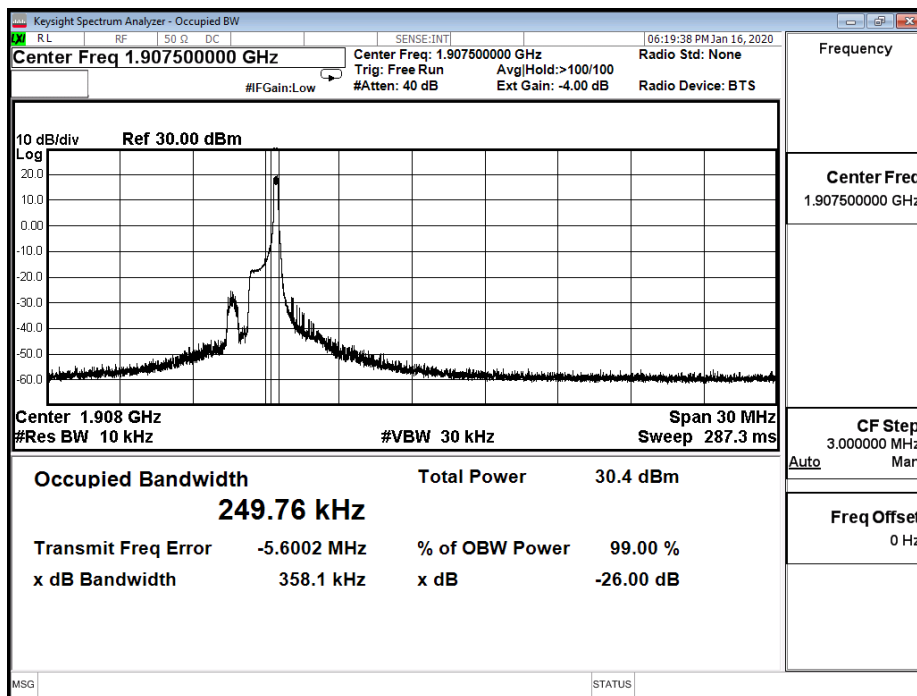
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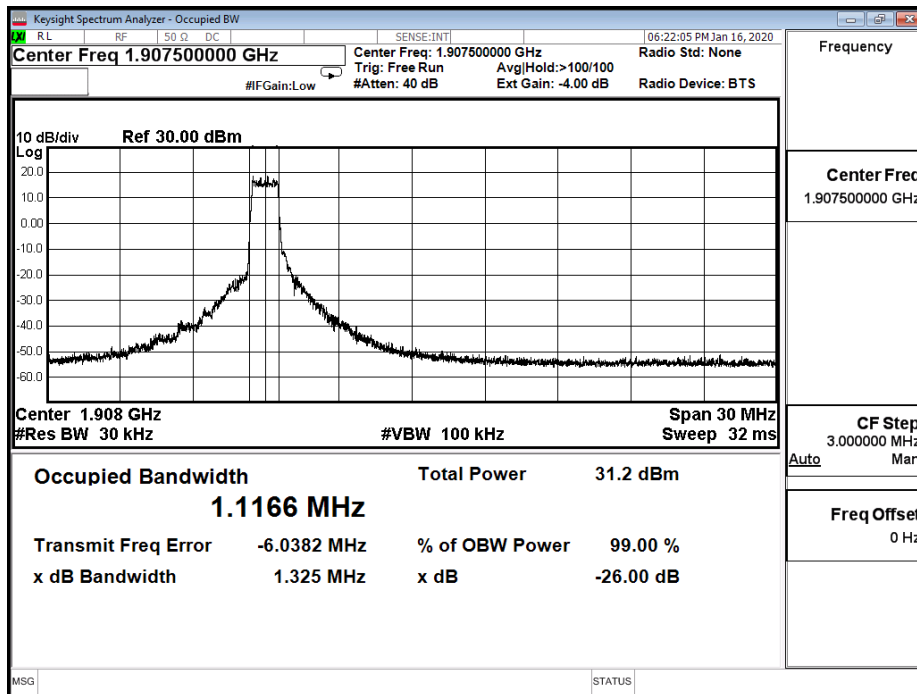
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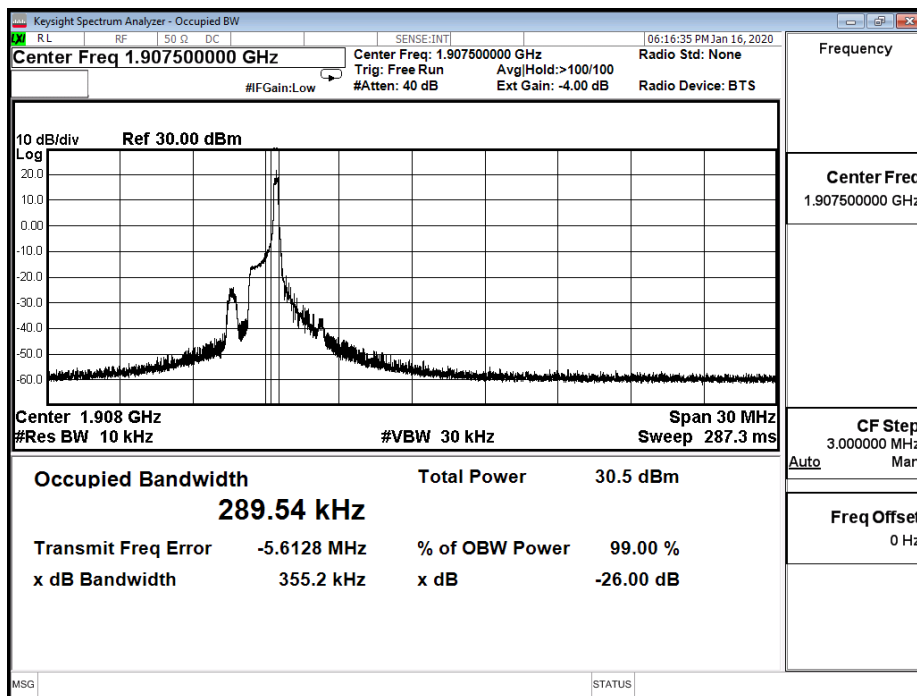
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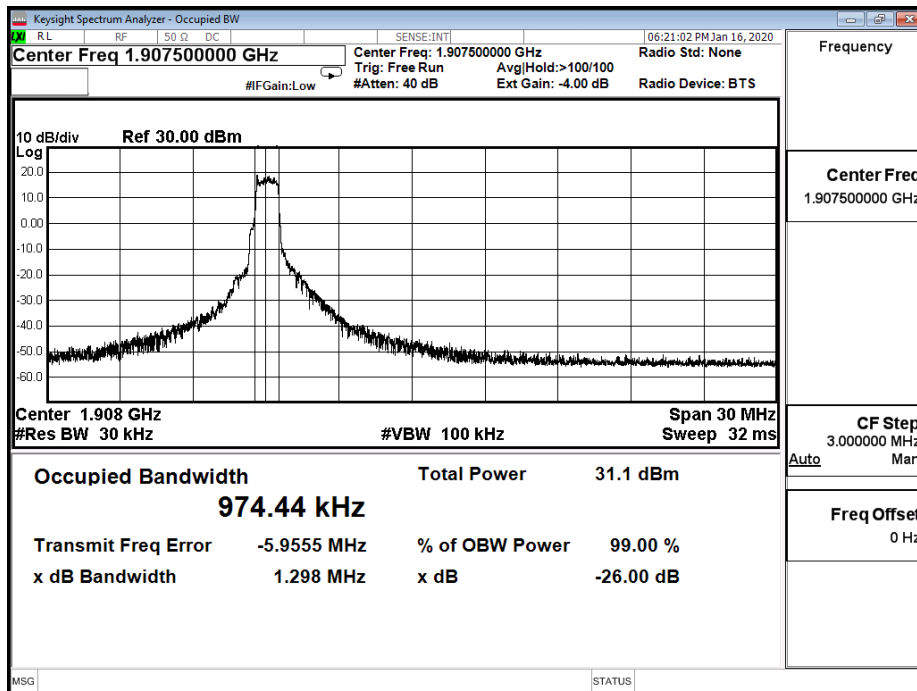
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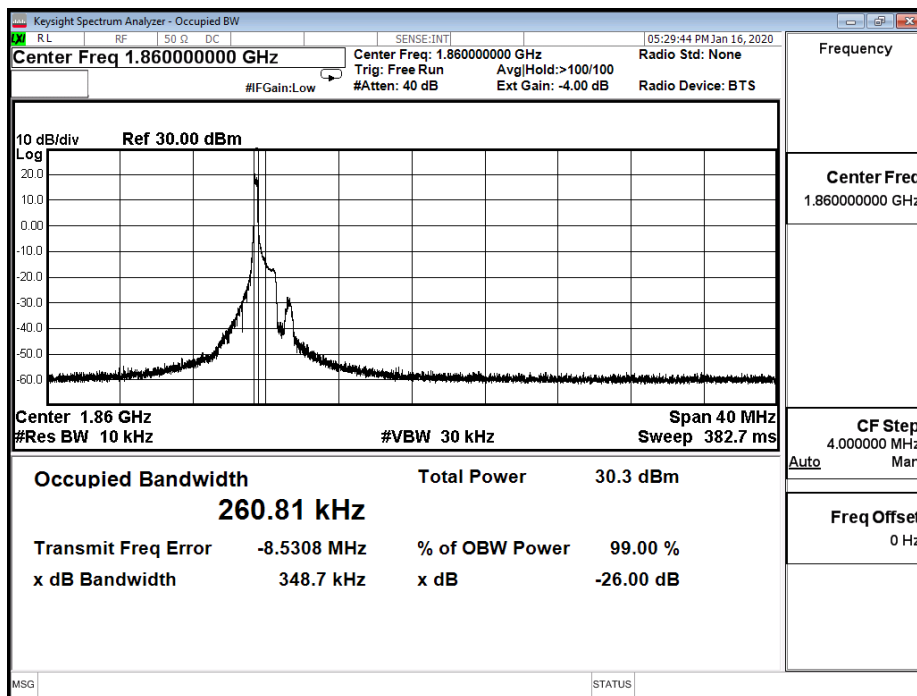
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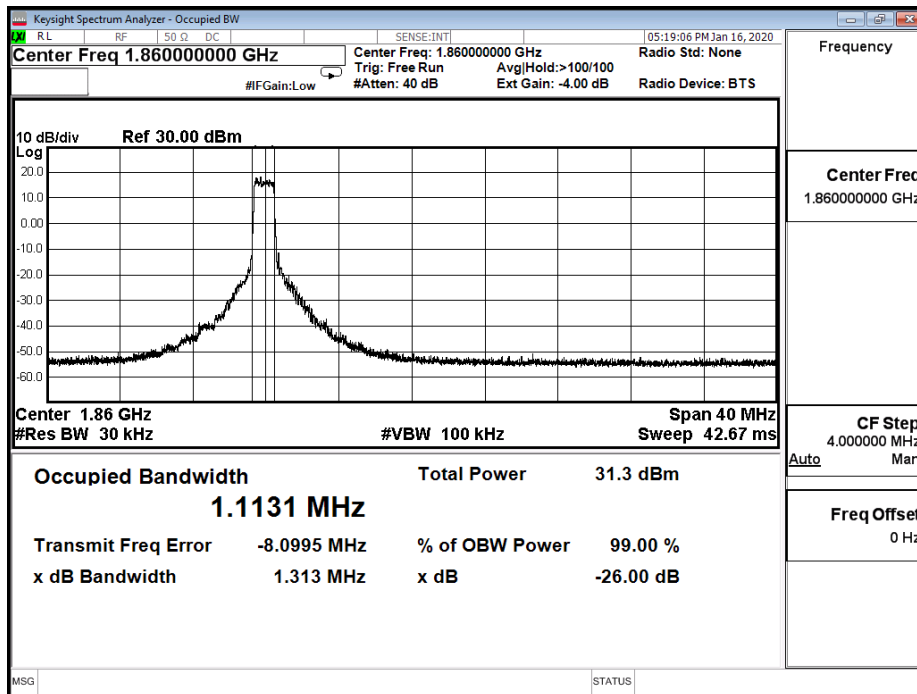
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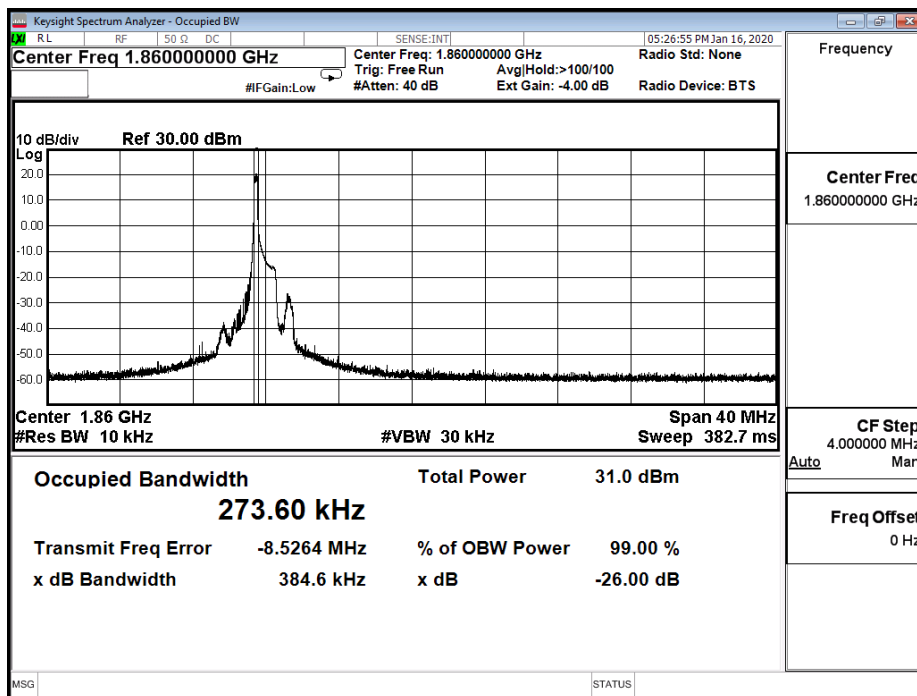
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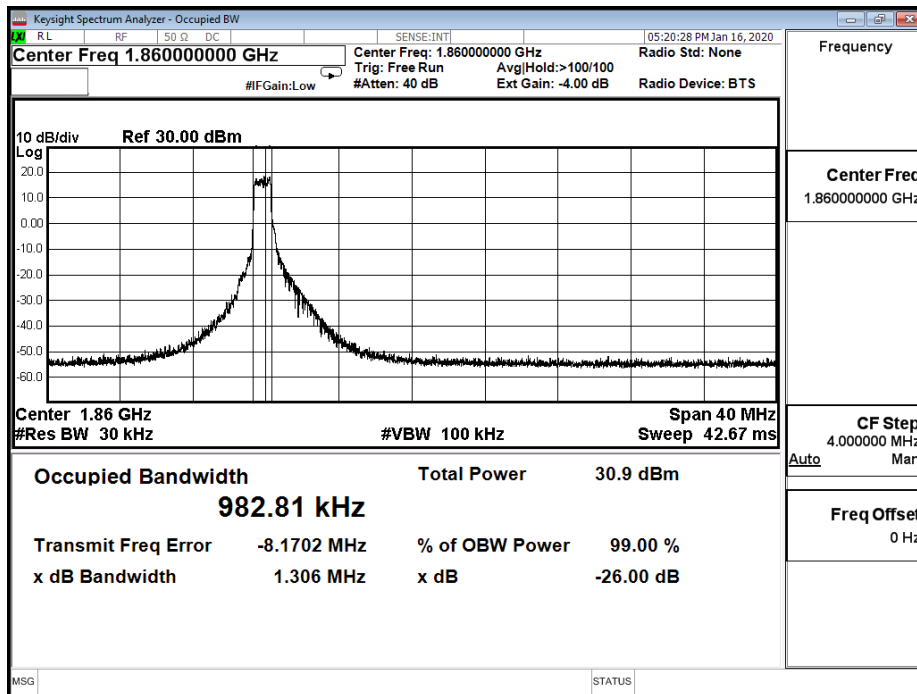
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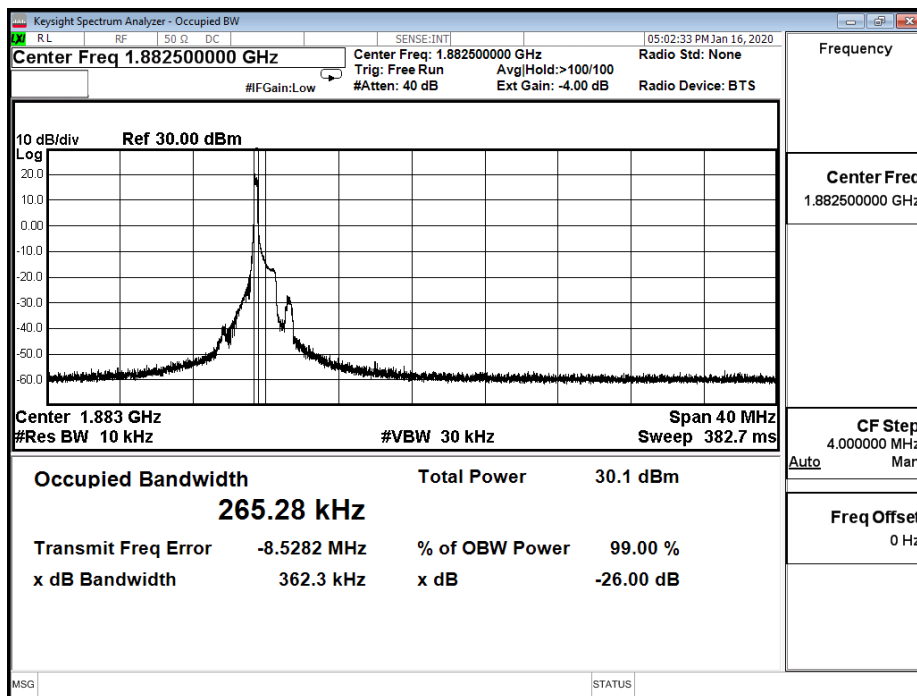


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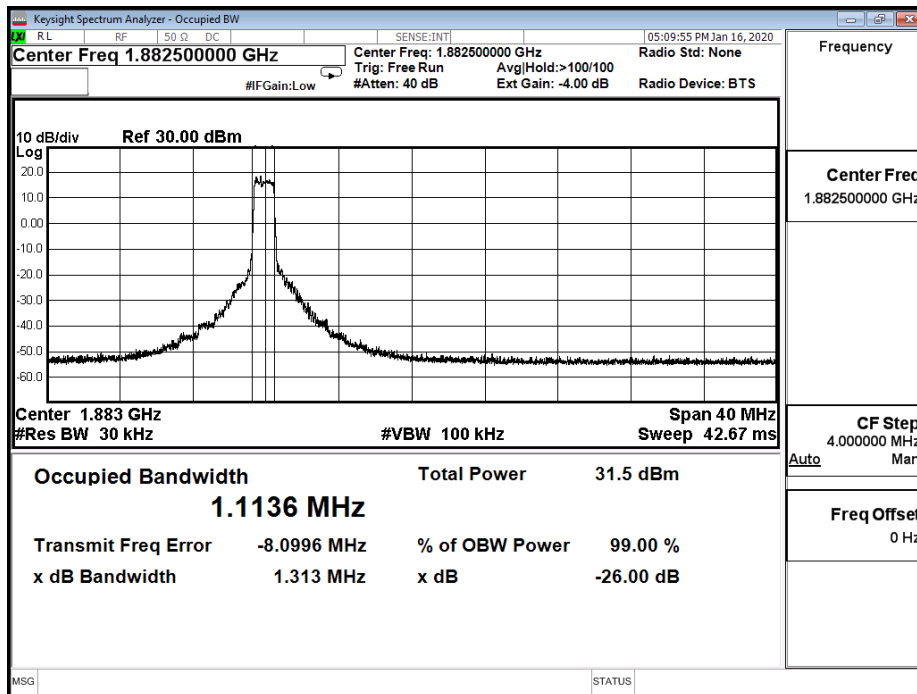




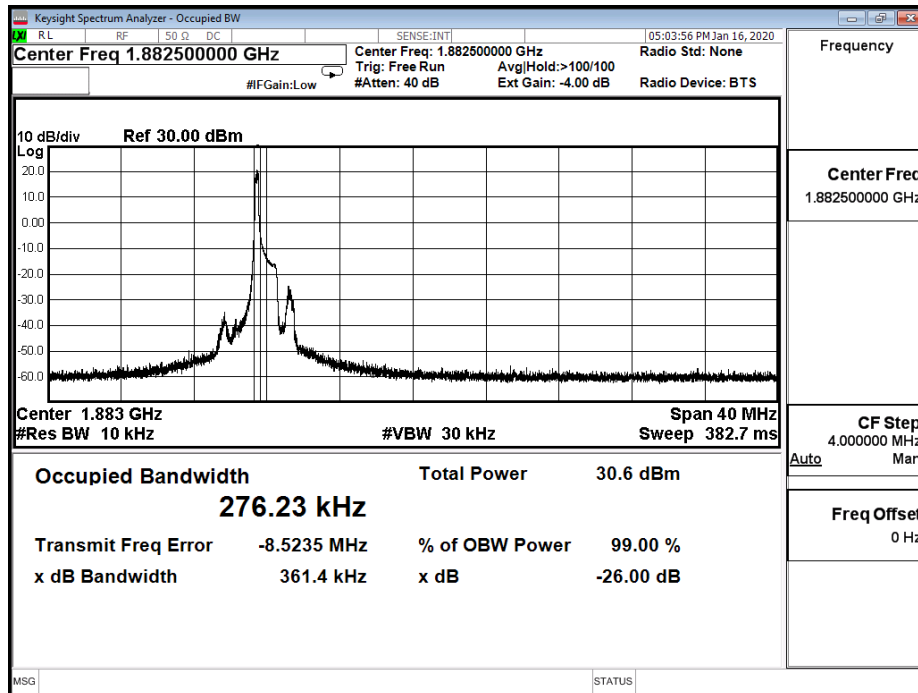
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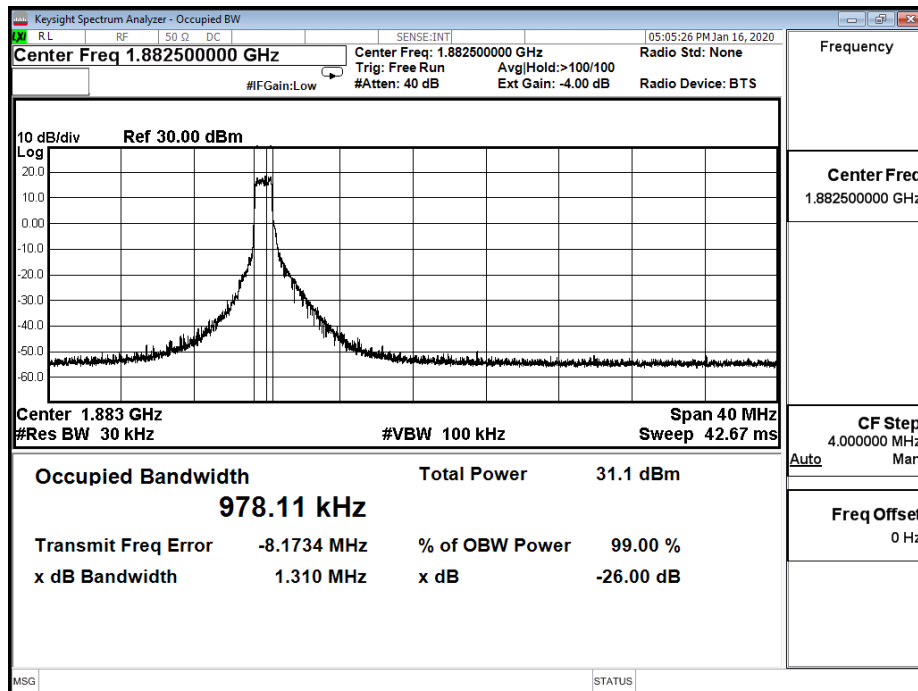
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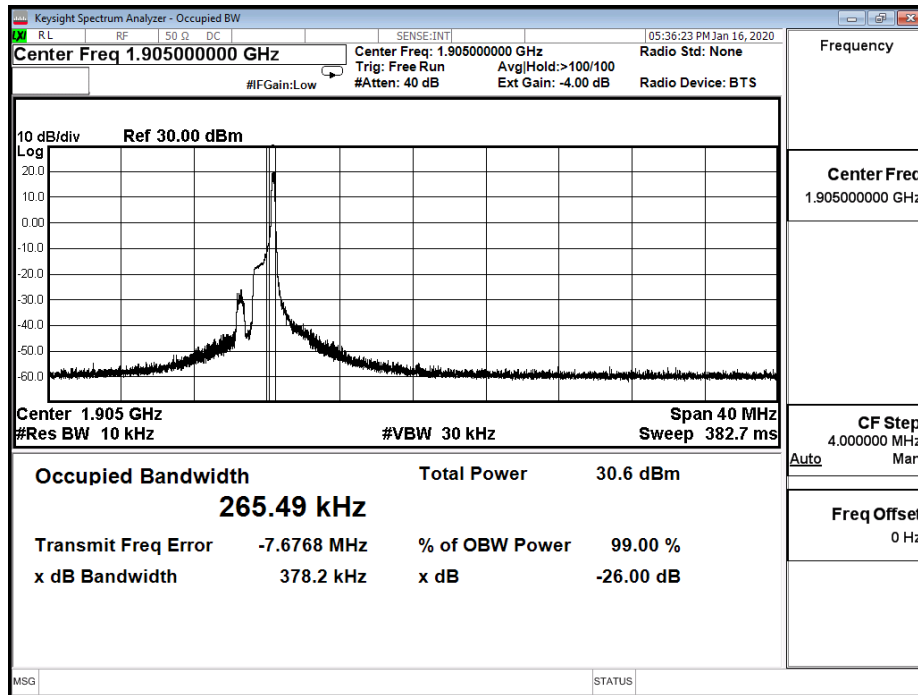
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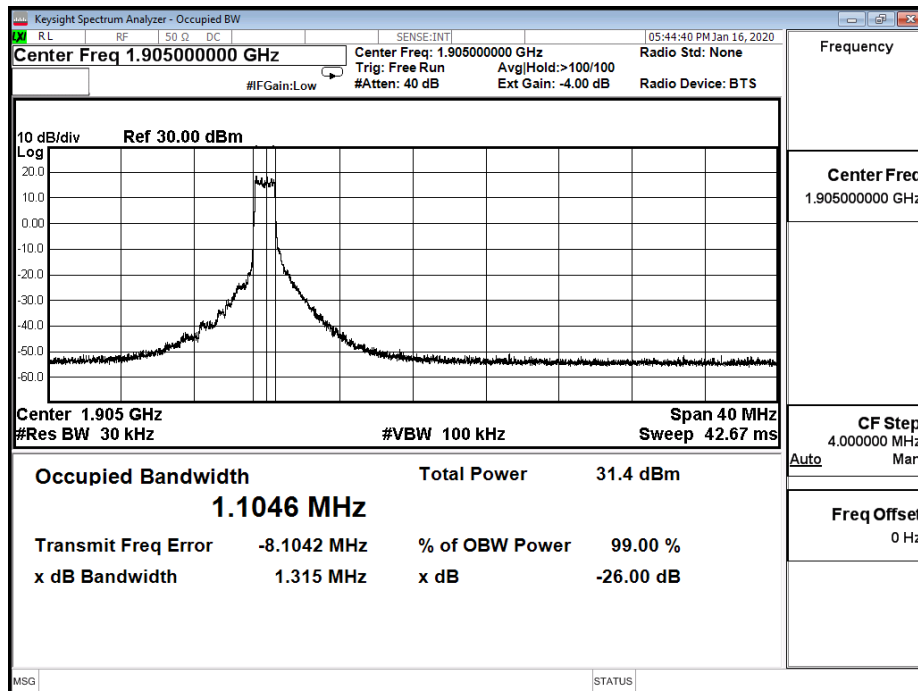
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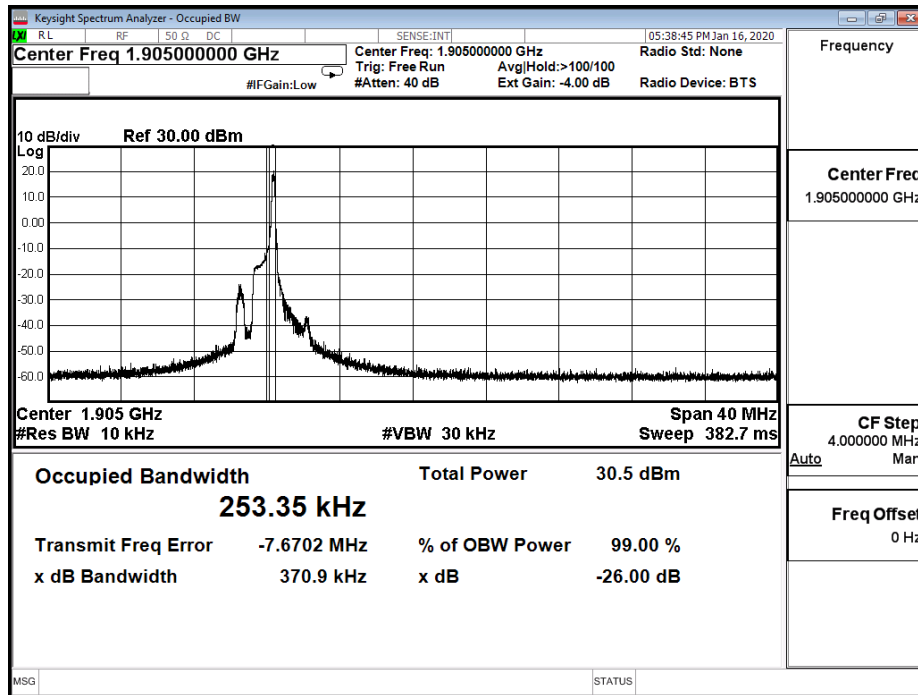
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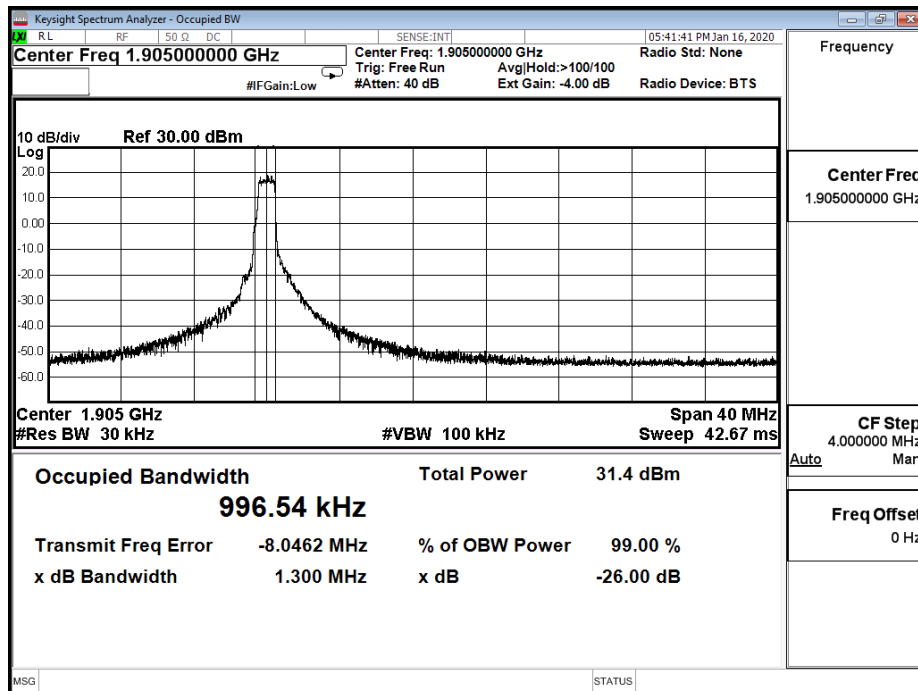
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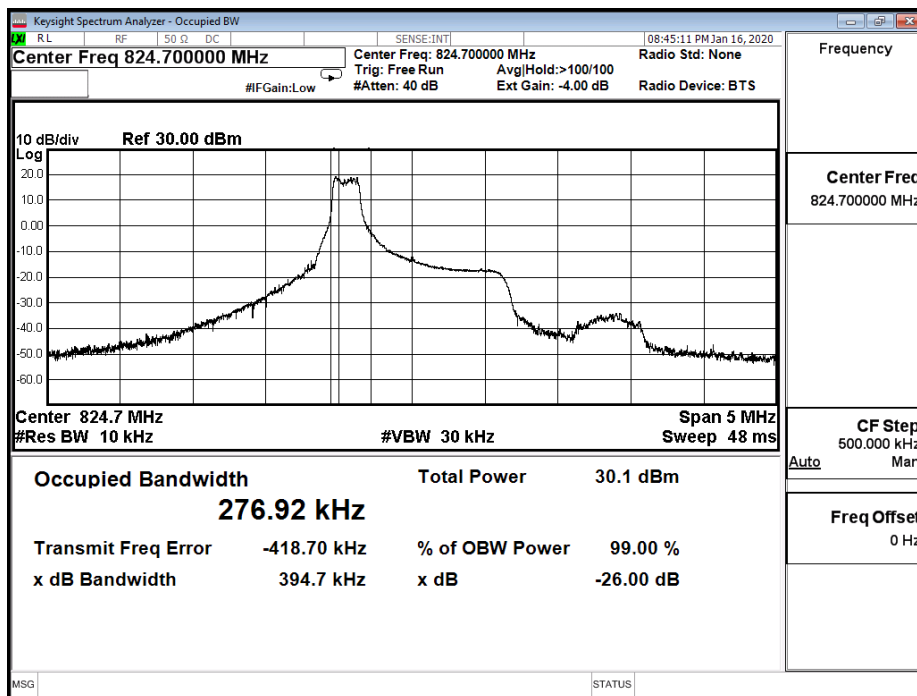


Product	Module		
Test Item	Occupied Bandwidth (Part 22)		
Test Mode	Mode 7 : LTE Cat-M1_Band 26		
Date of Test	2020/01/16~2020/01/20	Test Site	SR12-H
Temperature (°C)	22.0	Humidity (%RH)	61.0

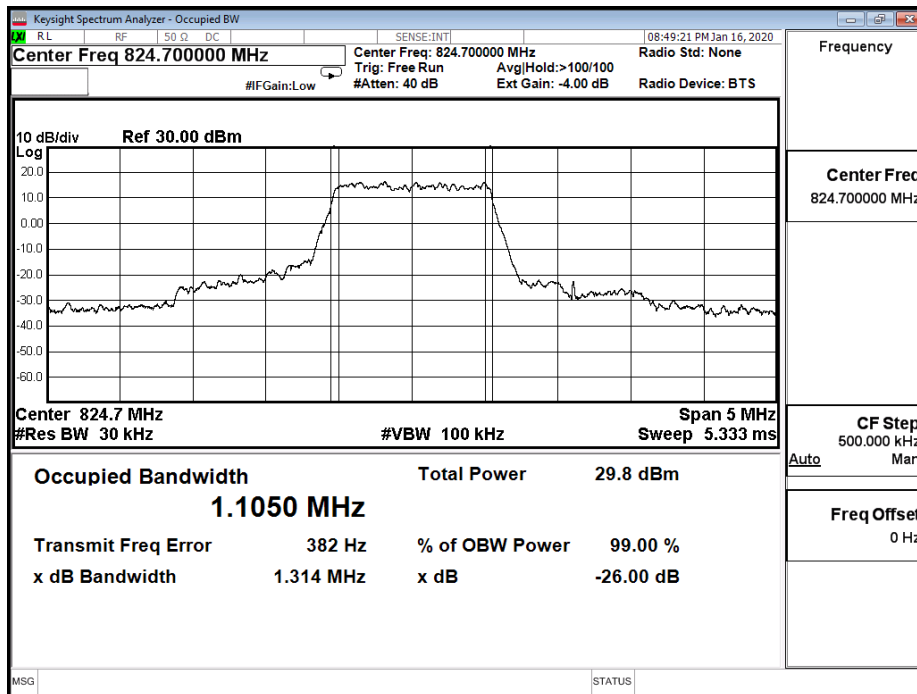
LTE Band 26_1RB Low/high (Part 22)					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	824.7	0.394	0.276	N/A
		836.5	0.397	0.275	N/A
		848.3	0.367	0.241	N/A
	16-QAM	824.7	0.341	0.251	N/A
		836.5	0.346	0.256	N/A
		848.3	0.386	0.310	N/A
3M	QPSK	825.5	0.384	0.278	N/A
		836.5	0.392	0.279	N/A
		847.5	0.382	0.258	N/A
	16-QAM	825.5	0.374	0.271	N/A
		836.5	0.372	0.270	N/A
		847.5	0.366	0.261	N/A
5M	QPSK	826.5	0.359	0.259	N/A
		836.5	0.365	0.260	N/A
		846.5	0.363	0.253	N/A
	16-QAM	826.5	0.373	0.267	N/A
		836.5	0.374	0.277	N/A
		846.5	0.364	0.267	N/A
10M	QPSK	829	0.330	0.236	N/A
		836.5	0.334	0.236	N/A
		844	0.356	0.251	N/A
	16-QAM	829	0.342	0.235	N/A
		836.5	0.346	0.238	N/A
		844	0.371	0.253	N/A
15M	QPSK	831.5	0.365	0.252	N/A
		836.5	0.366	0.253	N/A
		841.5	0.357	0.248	N/A
	16-QAM	831.5	0.359	0.293	N/A
		836.5	0.382	0.288	N/A
		841.5	0.345	0.275	N/A

LTE Band 26_Part 22_Full RB (Part 22)					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	824.7	1.314	1.105	N/A
		836.5	1.313	1.105	N/A
		848.3	1.324	1.115	N/A
	16-QAM	824.7	1.280	0.944	N/A
		836.5	1.278	0.943	N/A
		848.3	1.298	0.981	N/A
3M	QPSK	825.5	1.317	1.108	N/A
		836.5	1.314	1.103	N/A
		847.5	1.308	1.111	N/A
	16-QAM	825.5	1.272	0.948	N/A
		836.5	1.278	0.950	N/A
		847.5	1.283	0.956	N/A
5M	QPSK	826.5	1.316	1.114	N/A
		836.5	1.321	1.112	N/A
		846.5	1.309	1.101	N/A
	16-QAM	826.5	1.306	0.965	N/A
		836.5	1.305	0.963	N/A
		846.5	1.291	0.999	N/A
10M	QPSK	829	1.312	1.103	N/A
		836.5	1.312	1.104	N/A
		844	1.306	1.104	N/A
	16-QAM	829	1.305	0.972	N/A
		836.5	1.306	0.973	N/A
		844	1.366	1.006	N/A
15M	QPSK	831.5	1.309	1.115	N/A
		836.5	1.331	1.117	N/A
		841.5	1.322	1.114	N/A
	16-QAM	831.5	1.294	0.960	N/A
		836.5	1.292	0.958	N/A
		841.5	1.283	0.968	N/A

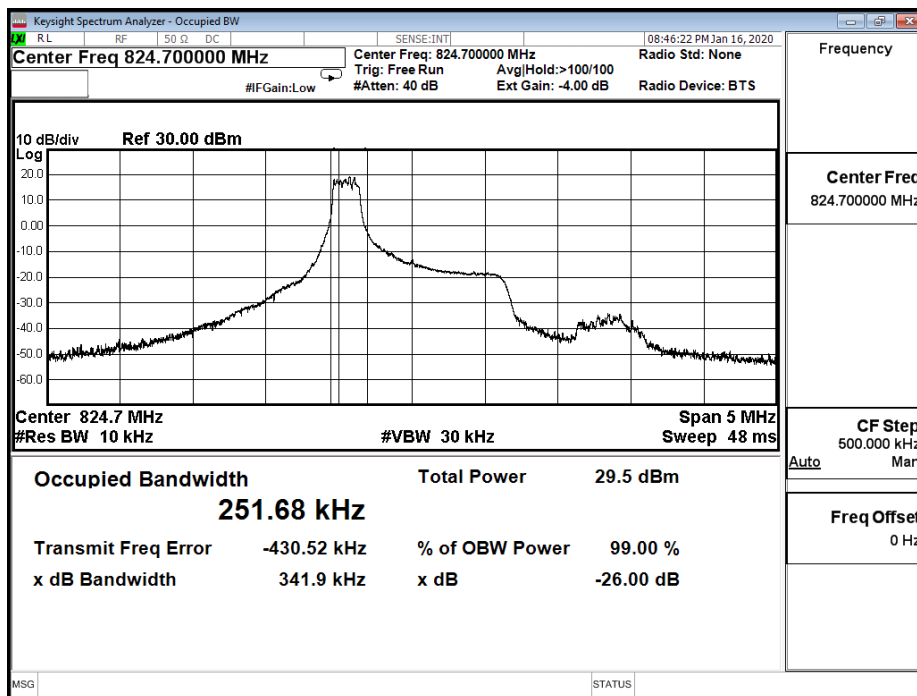
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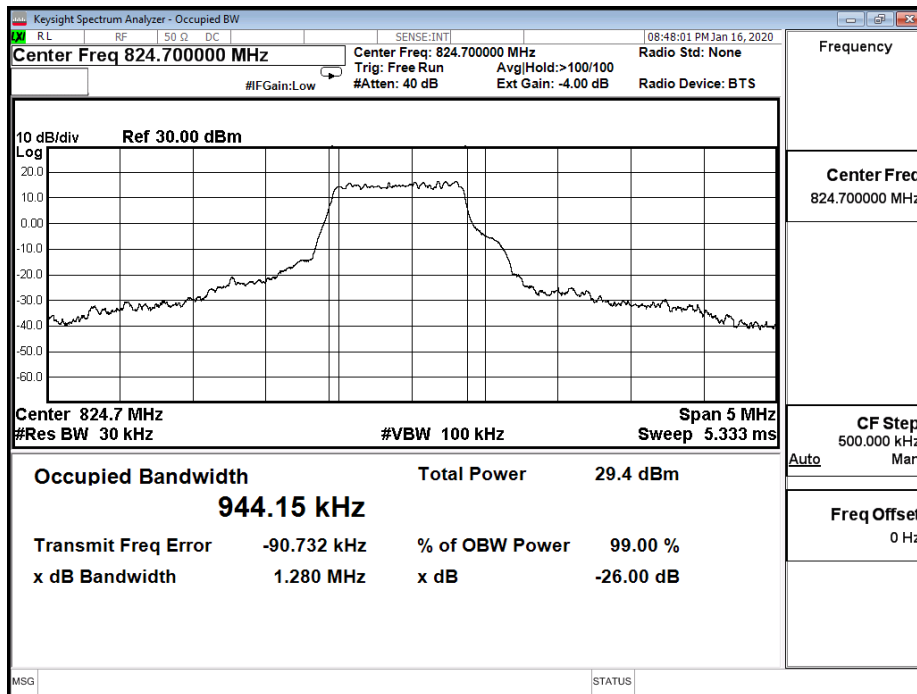
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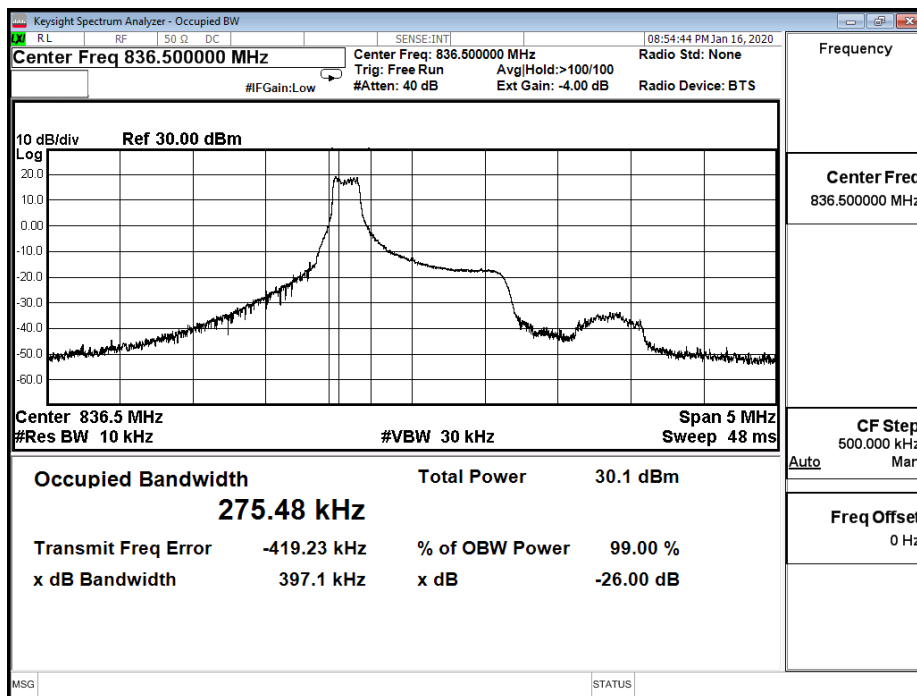


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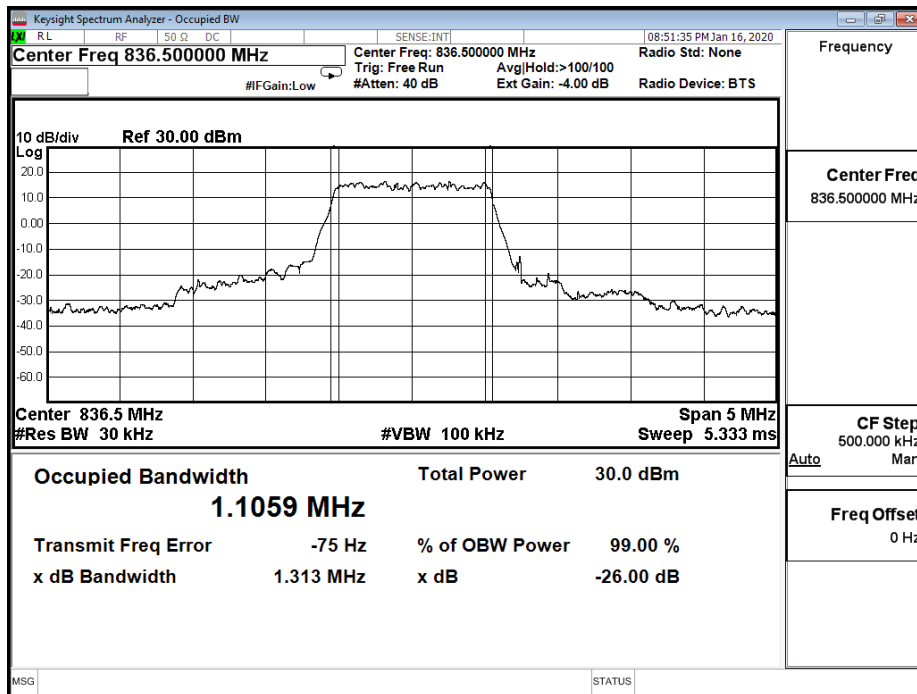




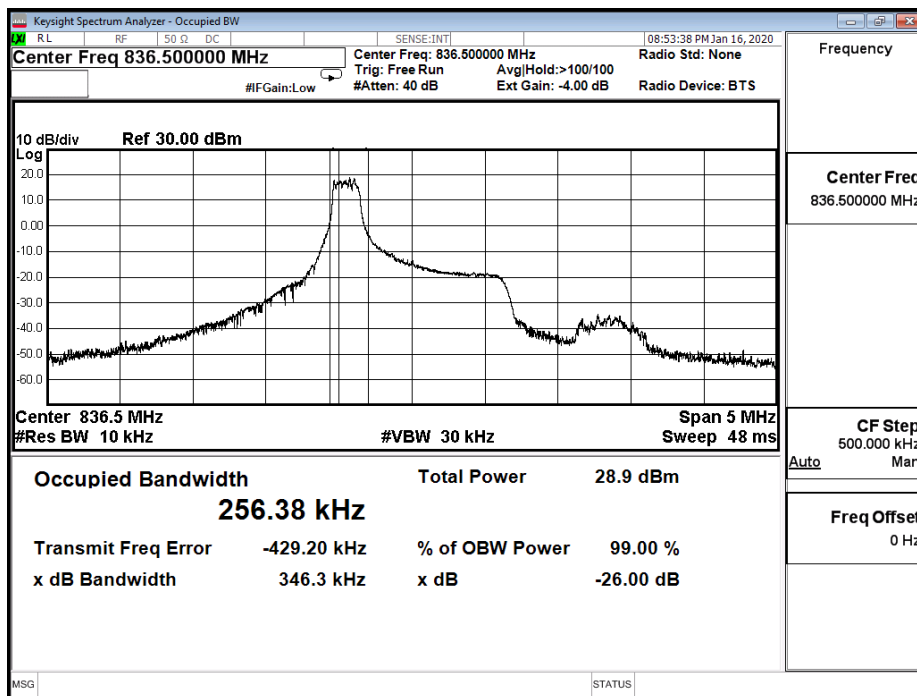
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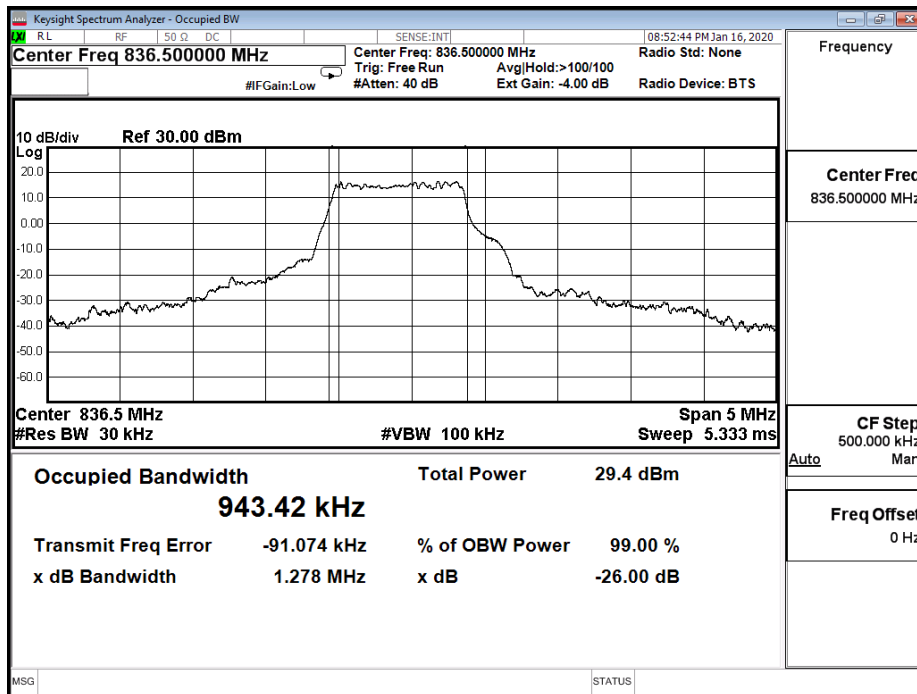
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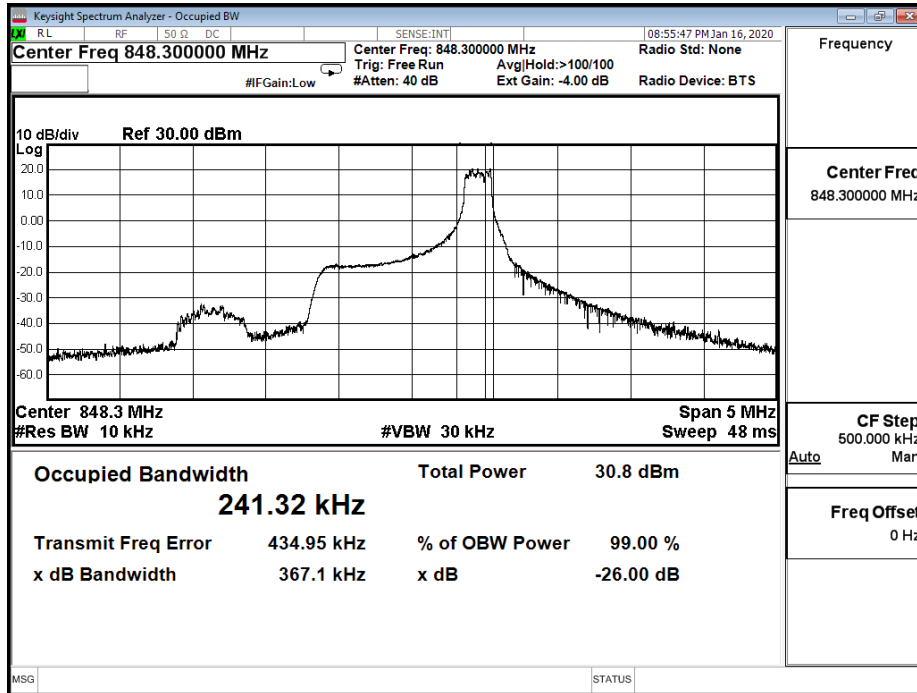
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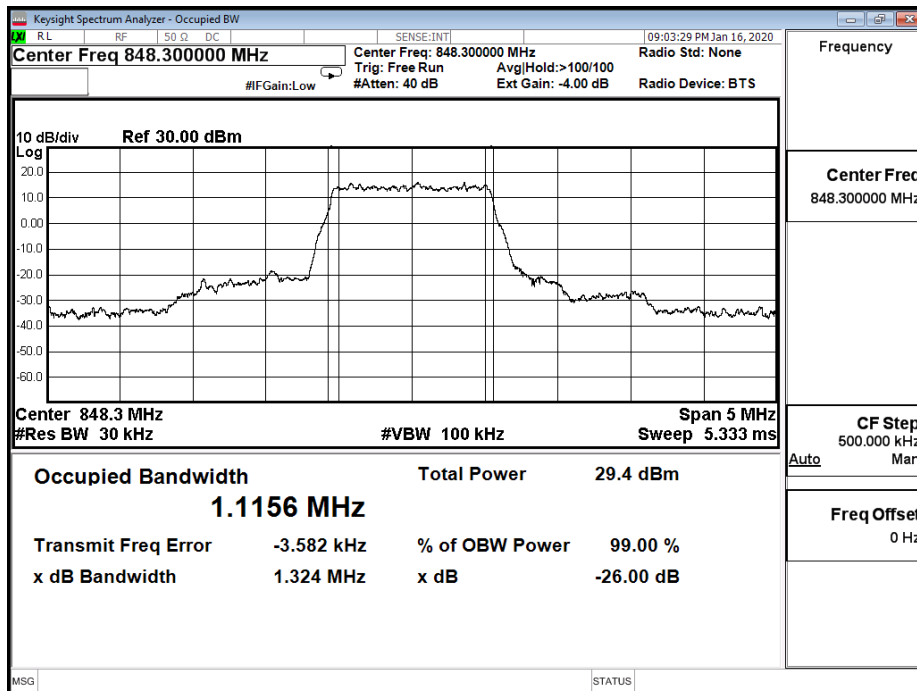
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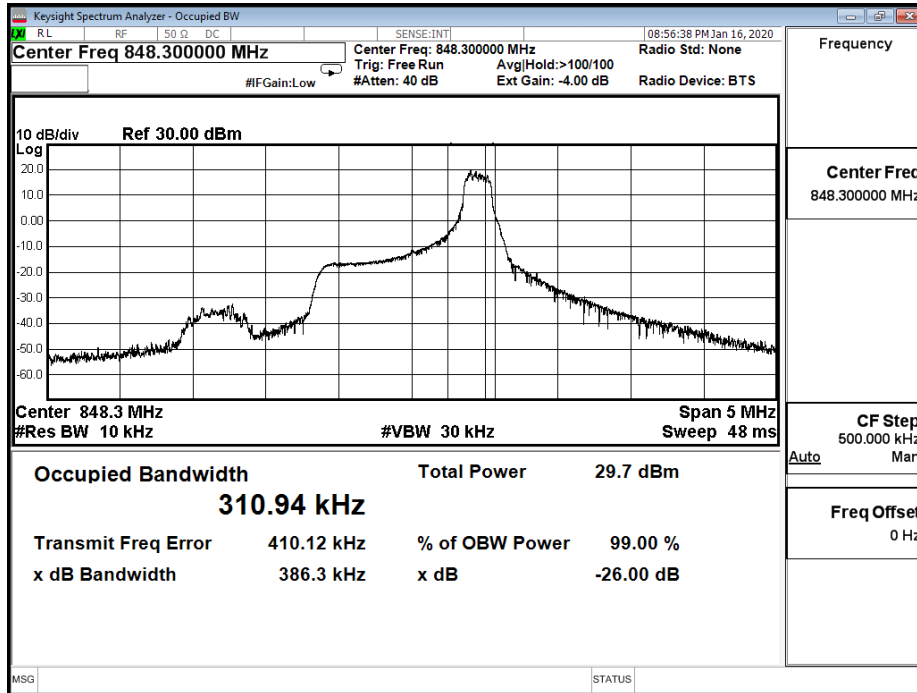
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B26\_CH27033\_1.4M\_16-QAM\_5RB1

