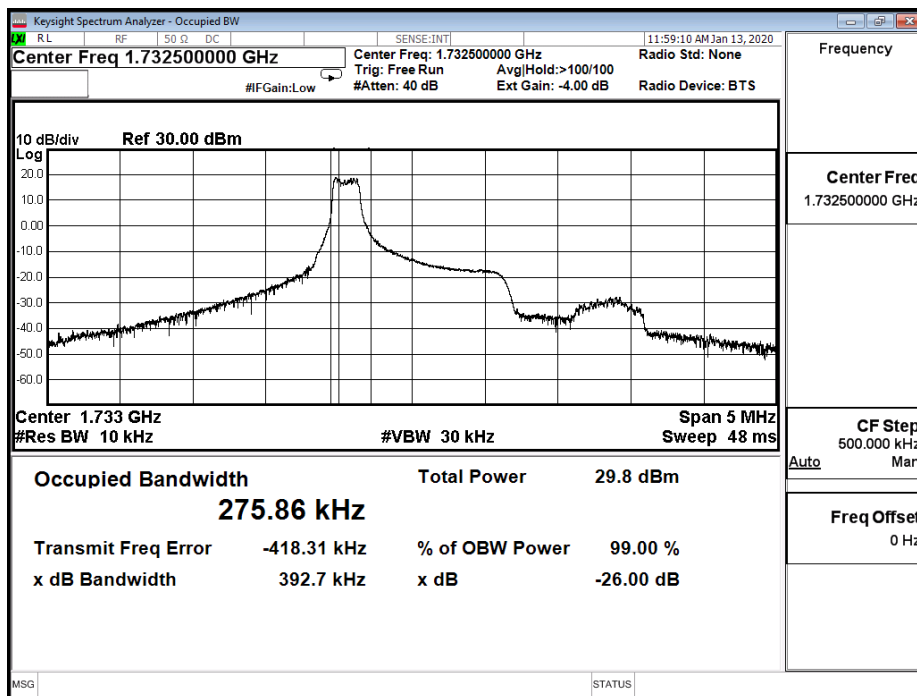
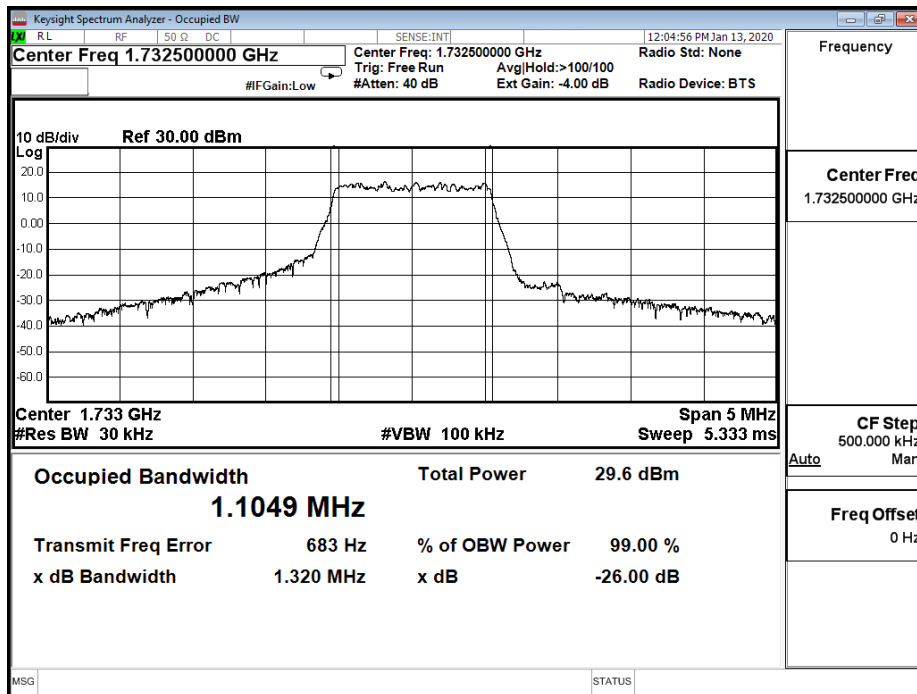


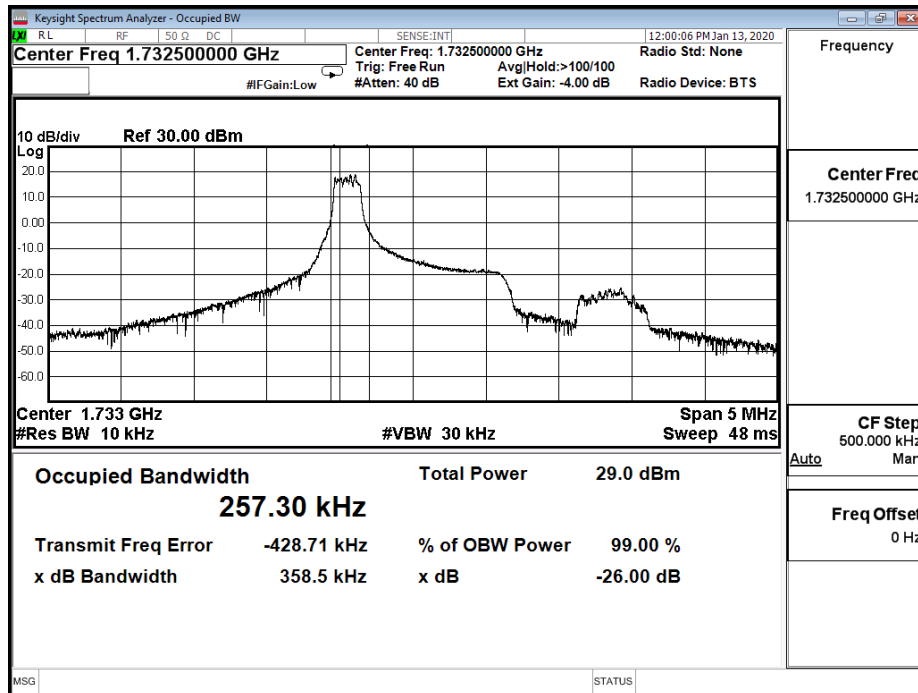
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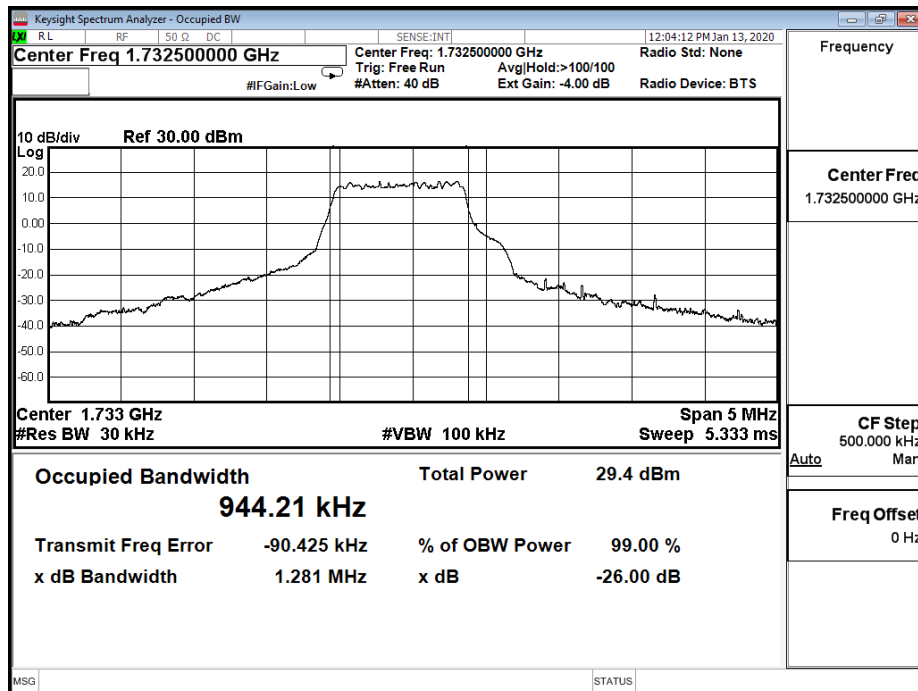
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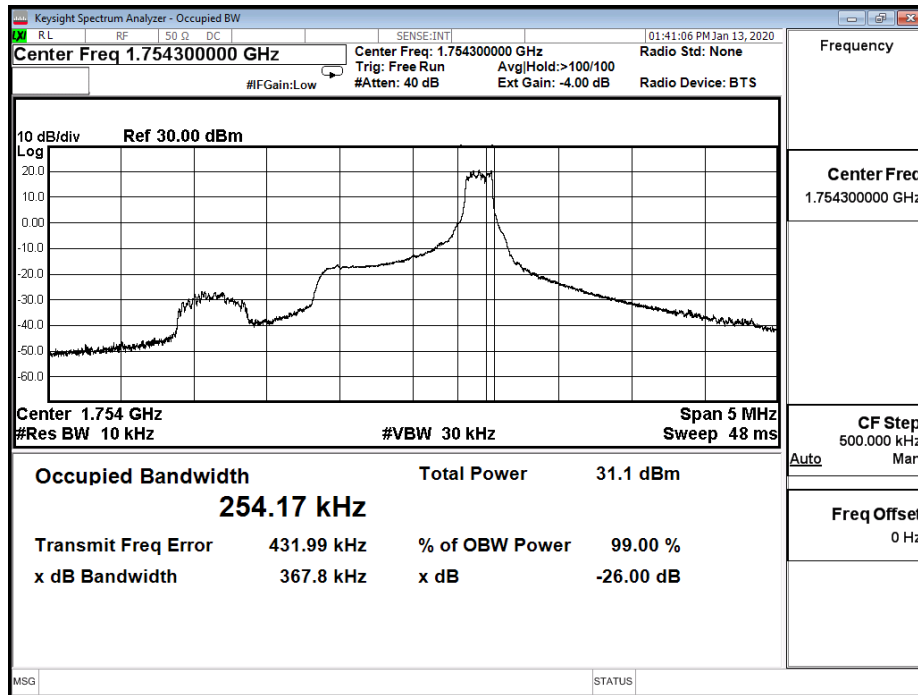
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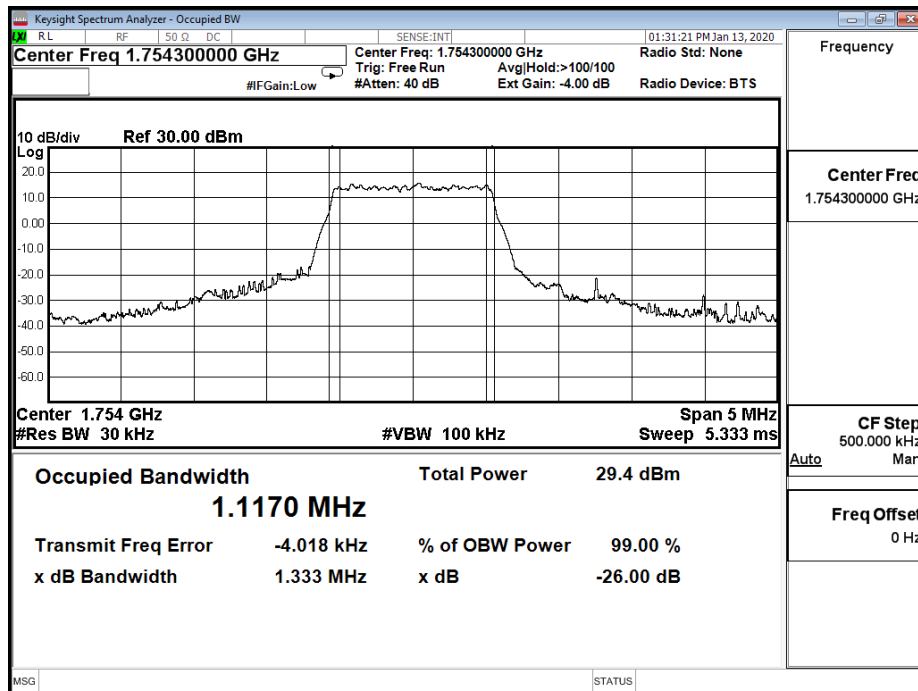
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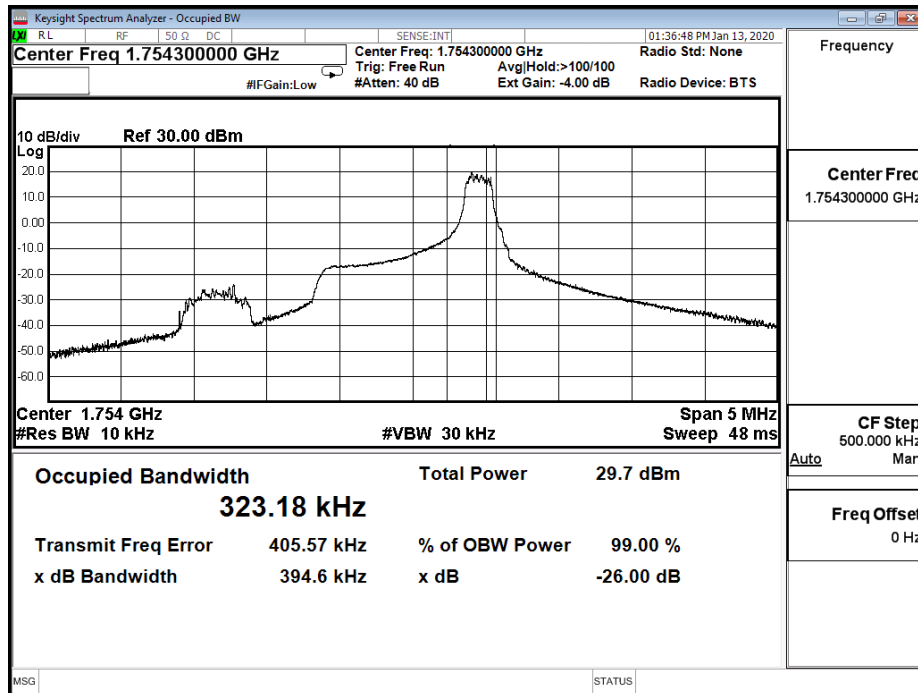
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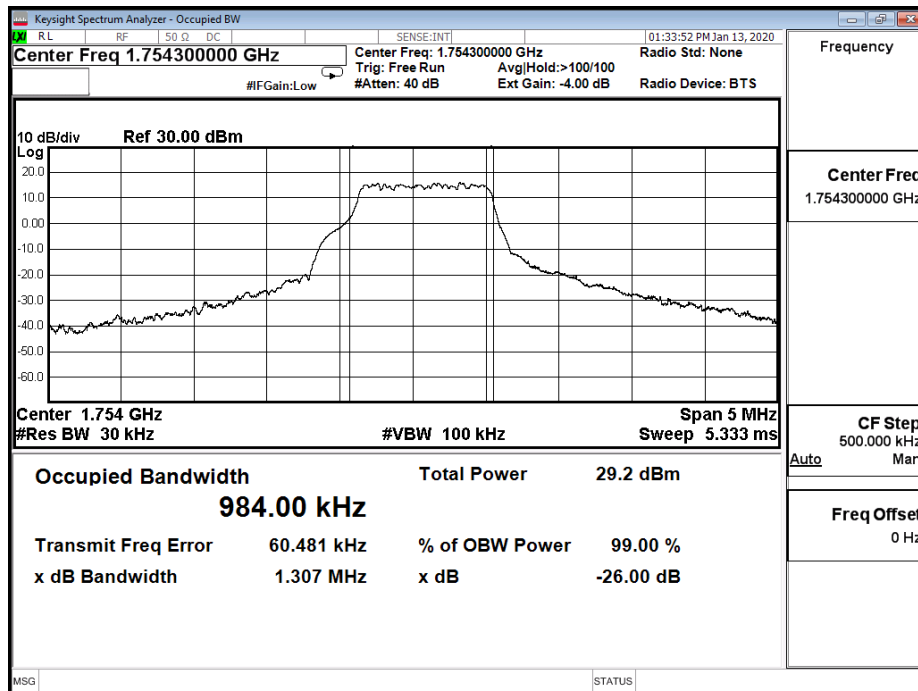
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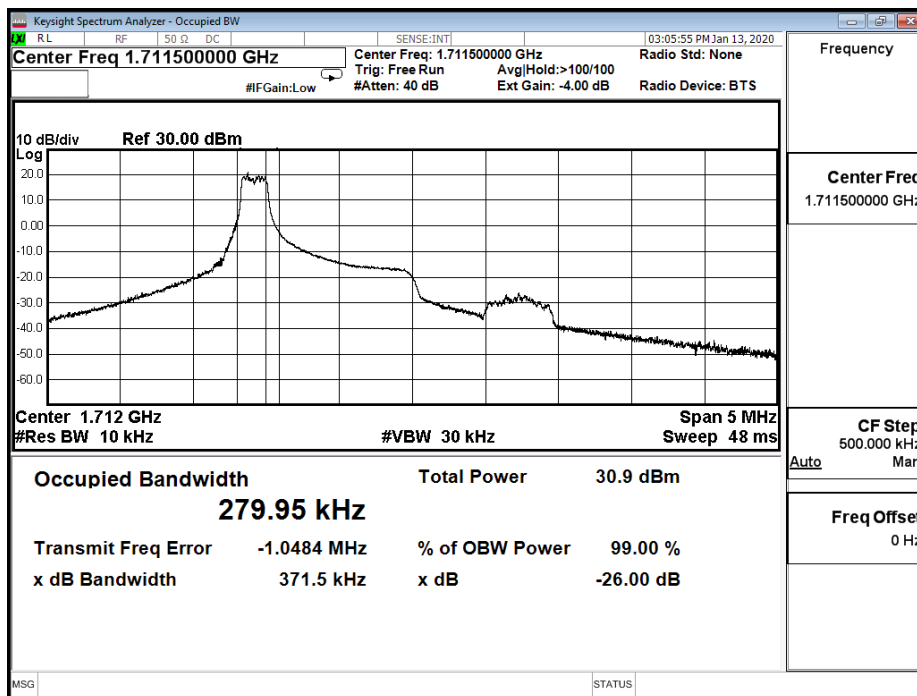
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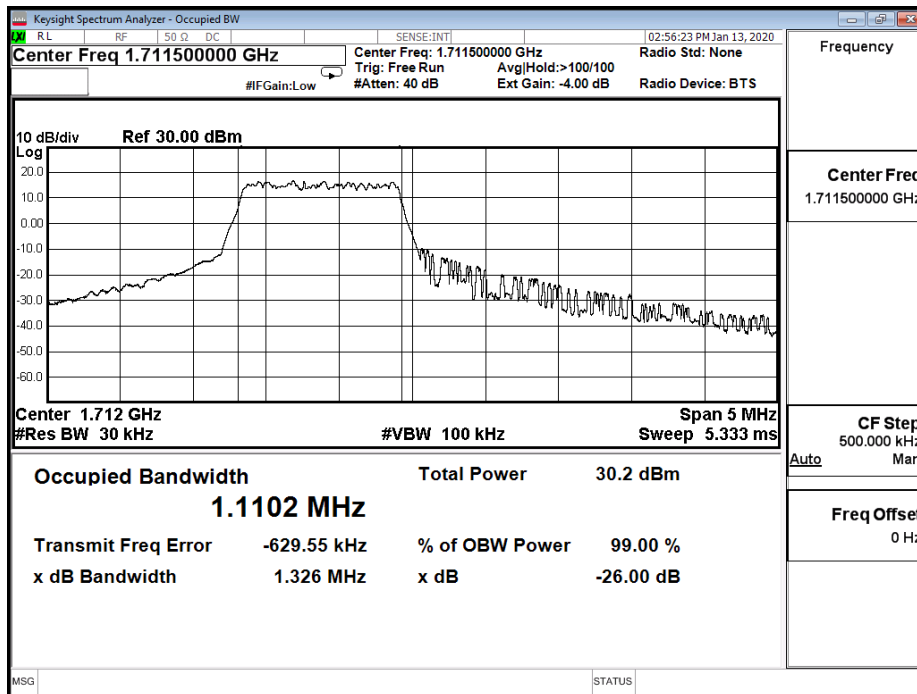
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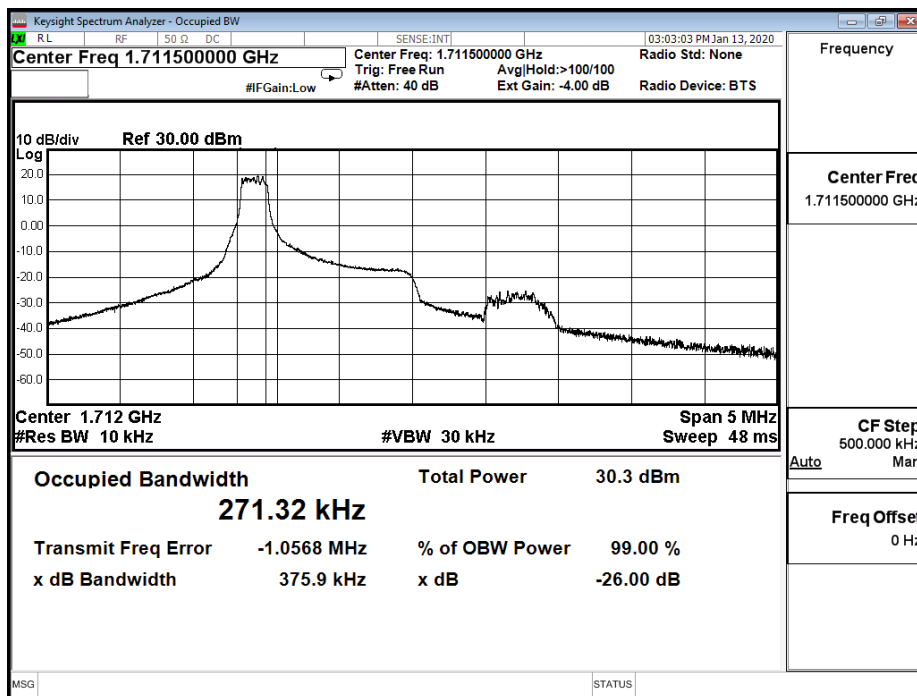
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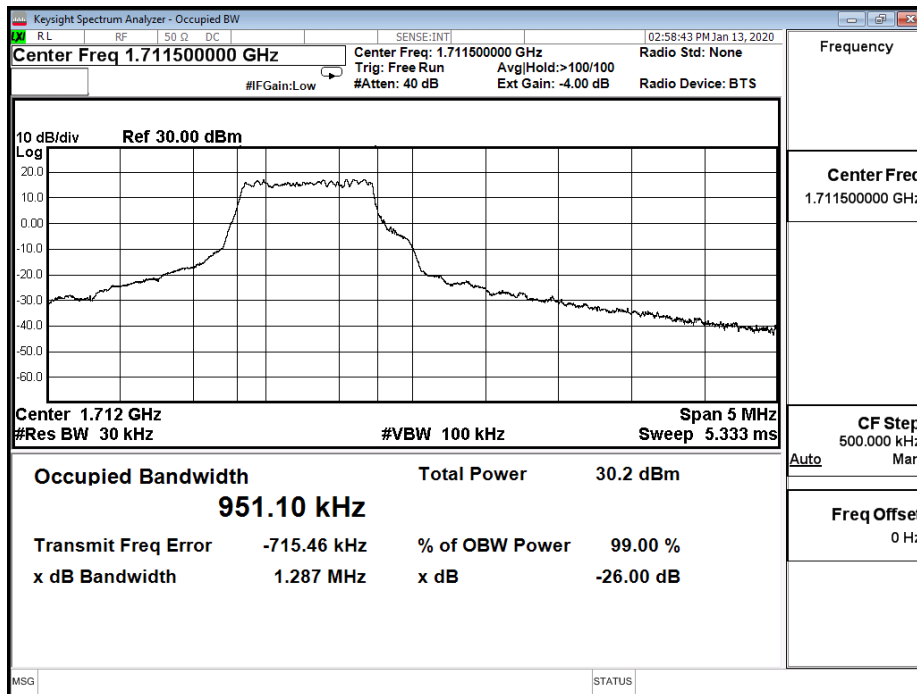
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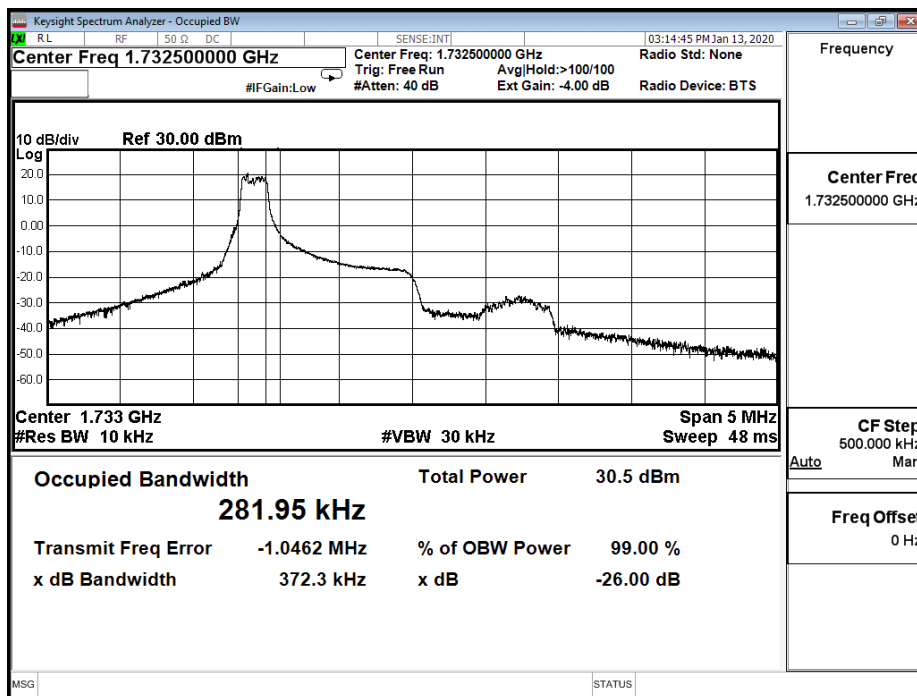
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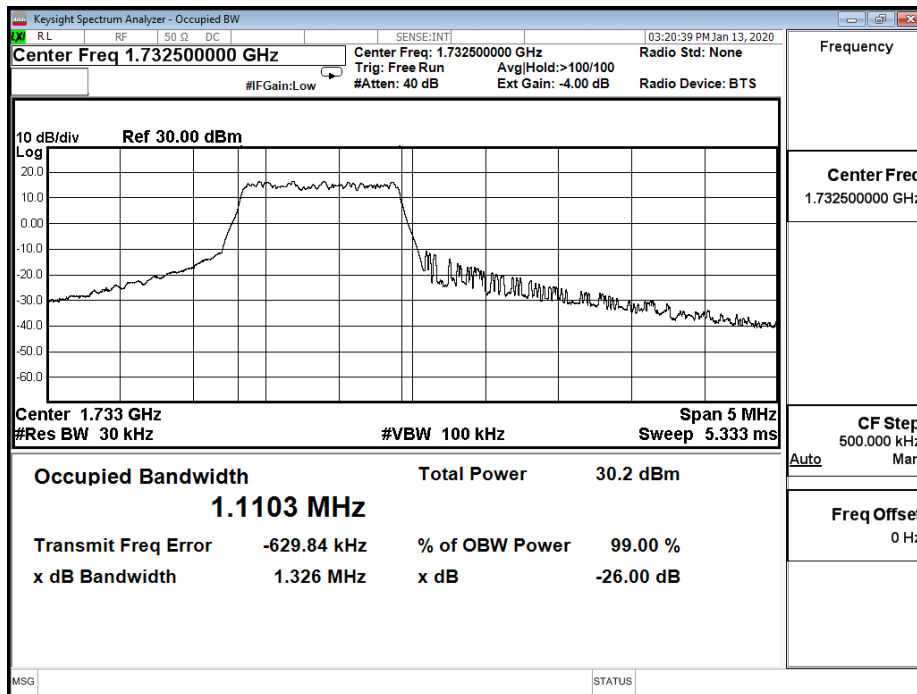
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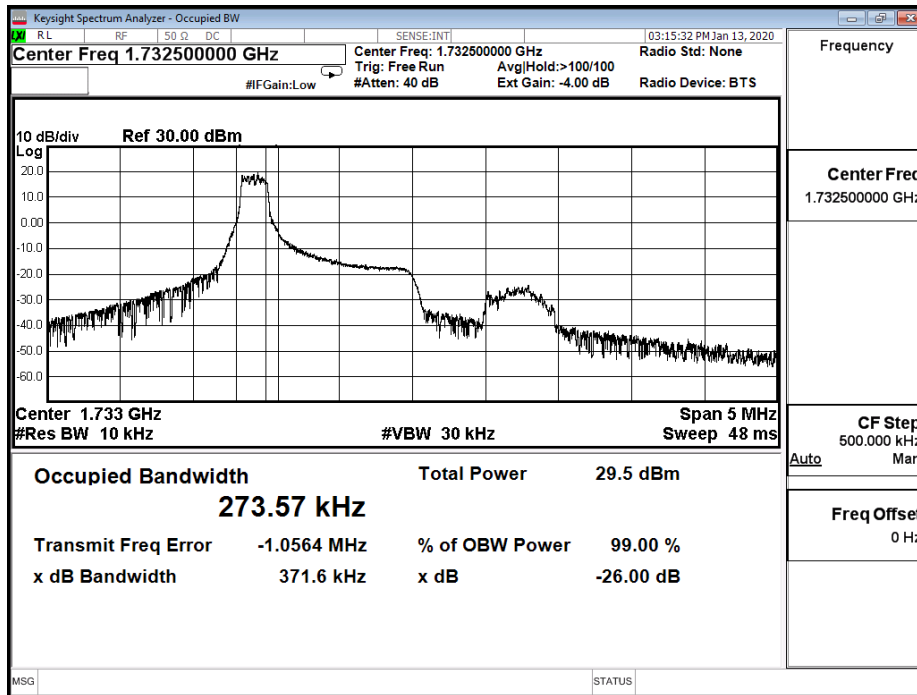
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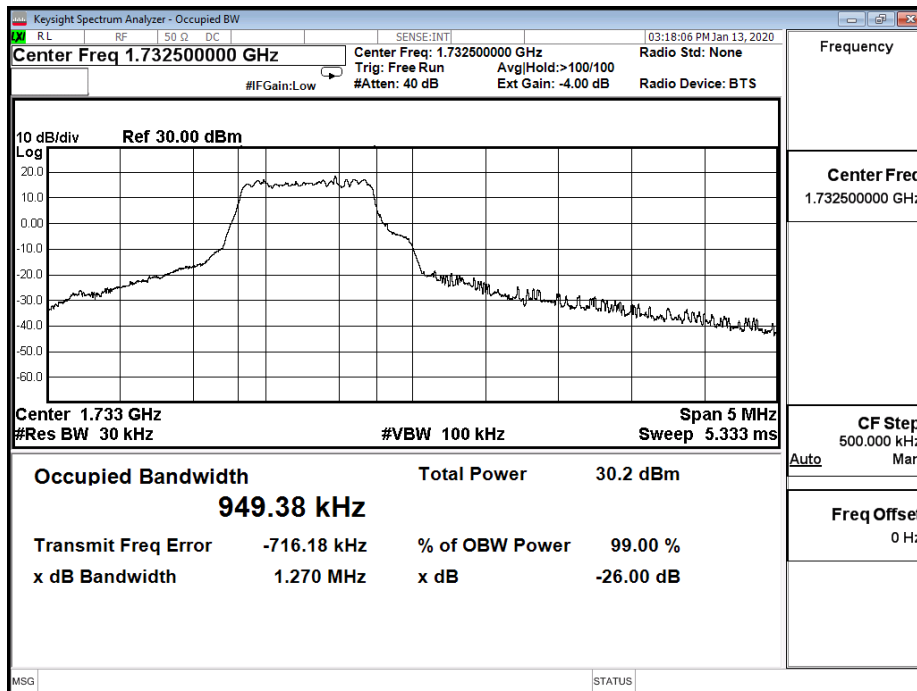
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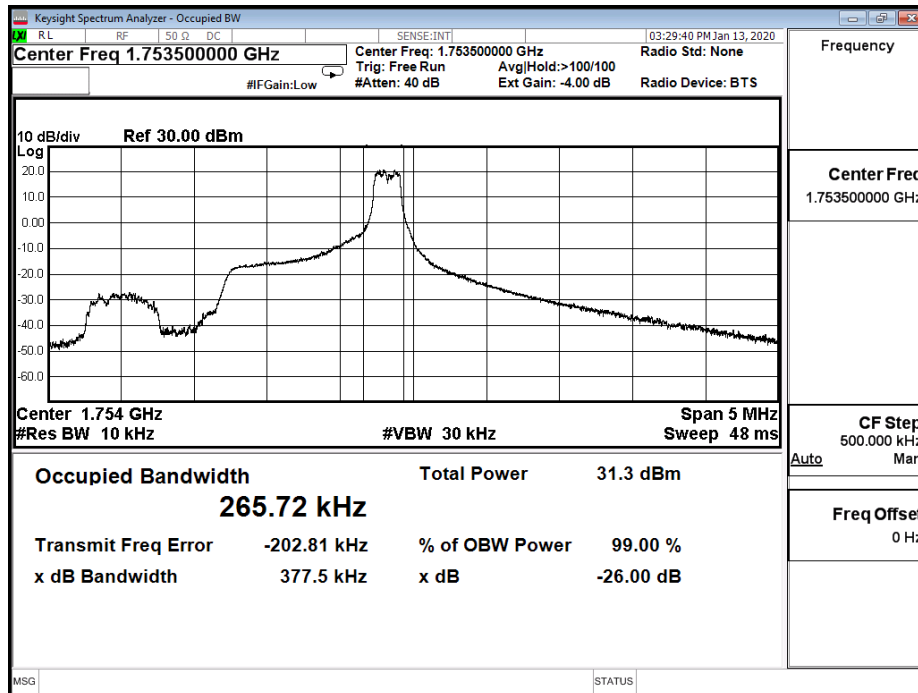
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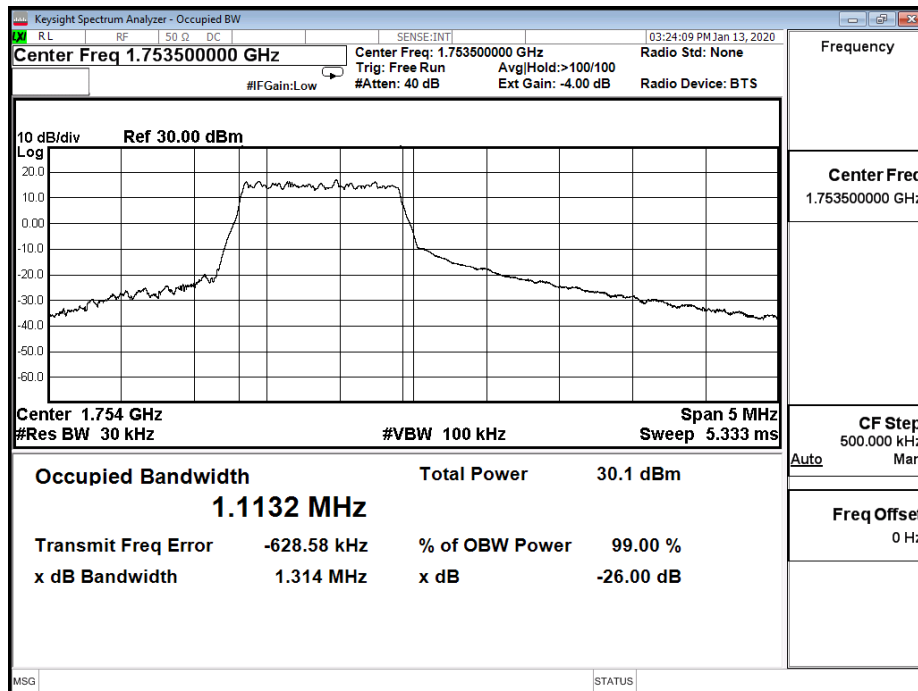
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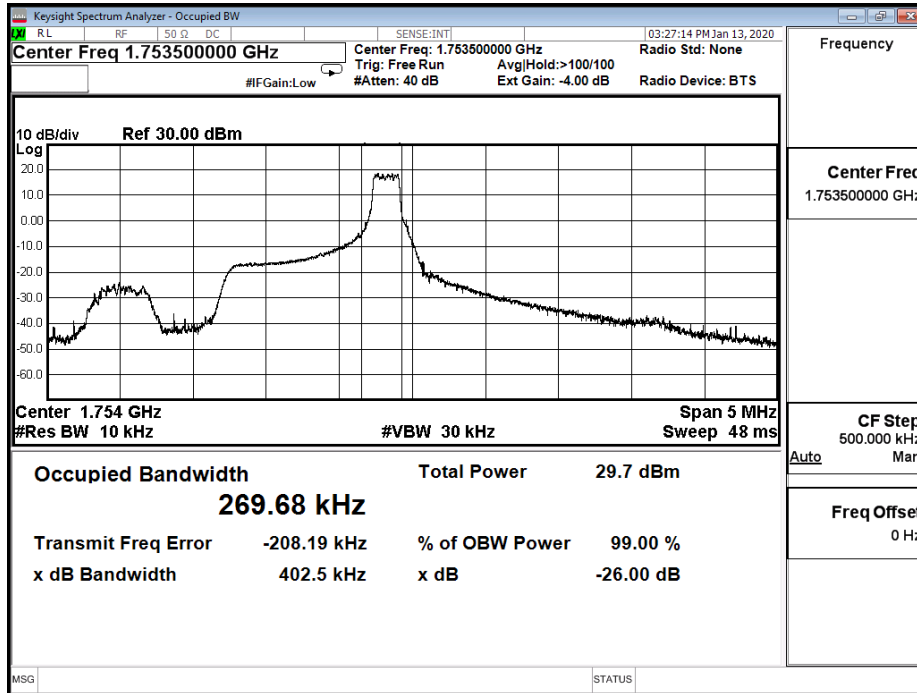
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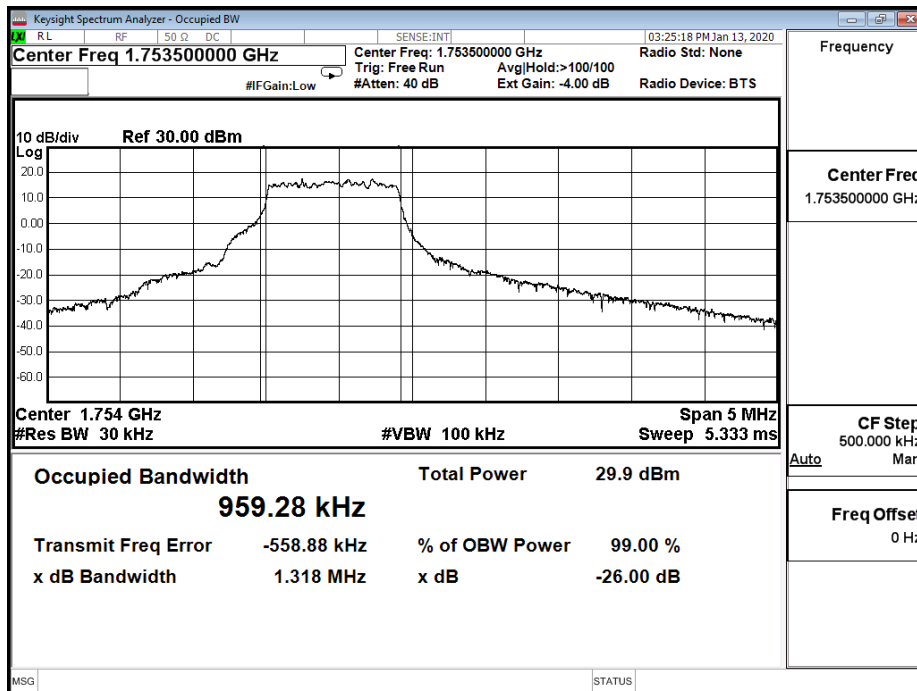
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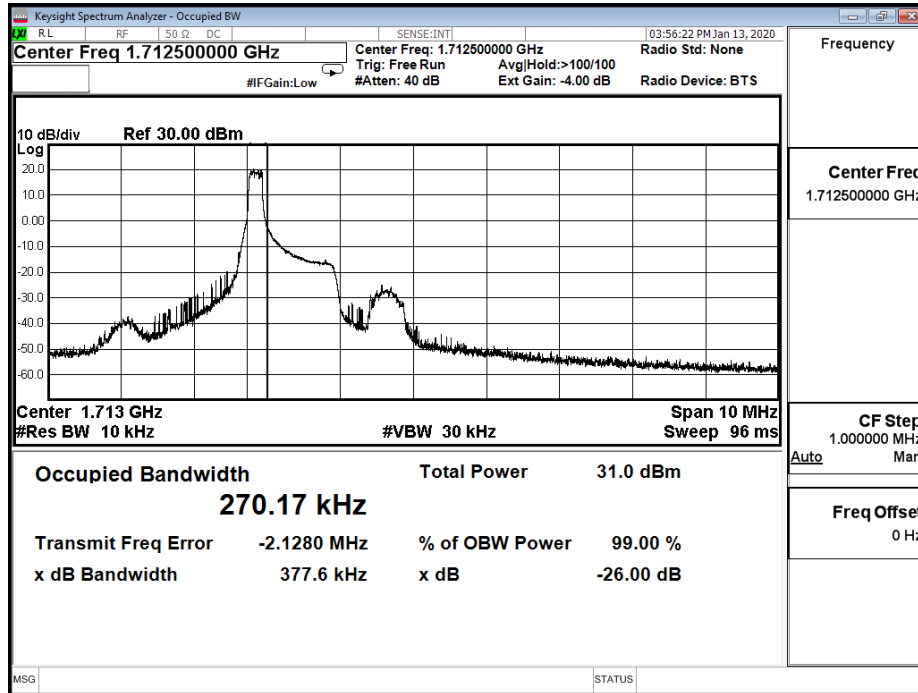
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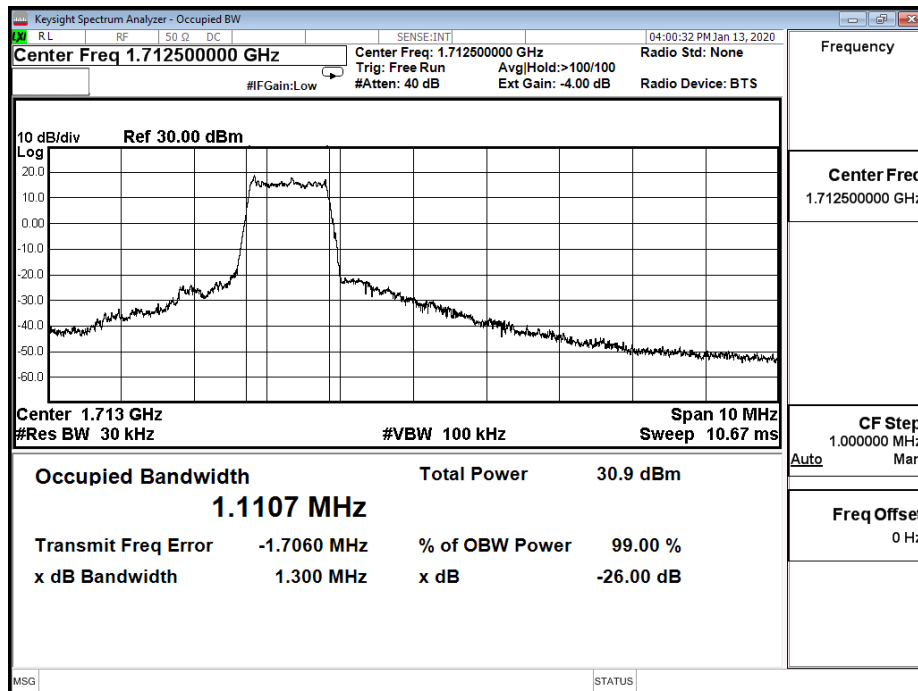
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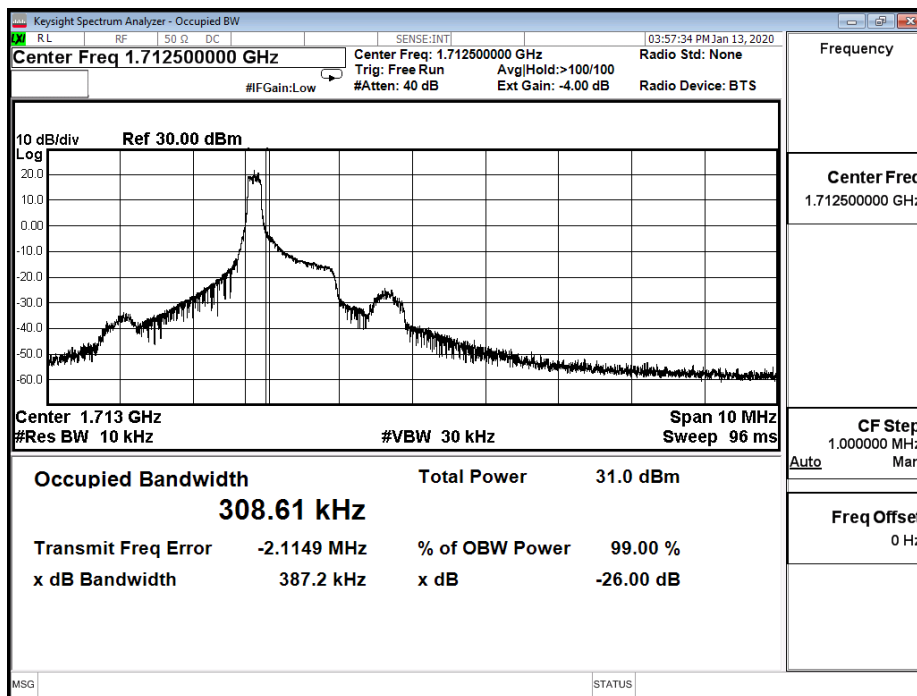
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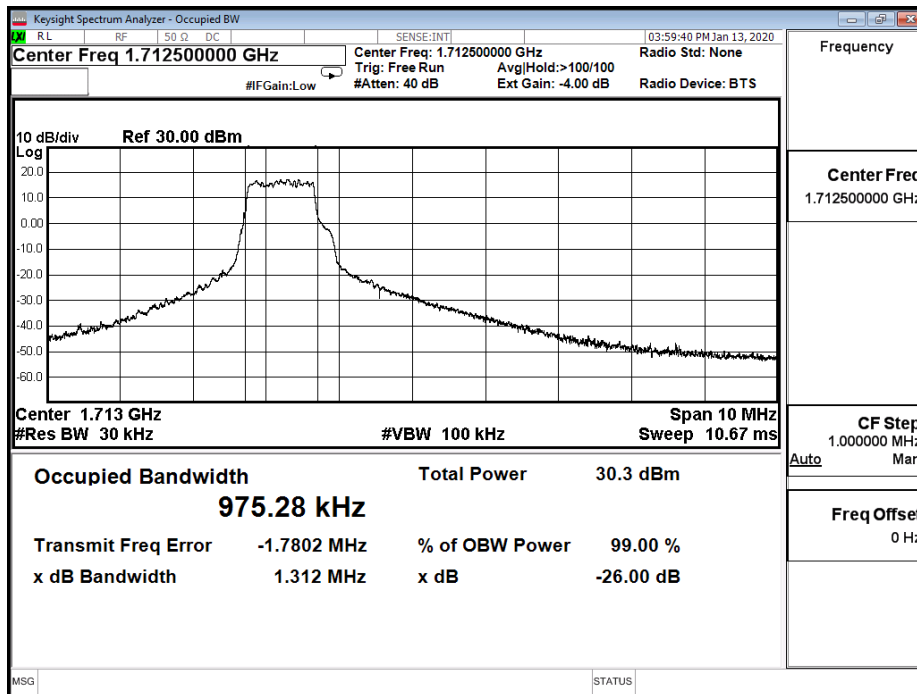
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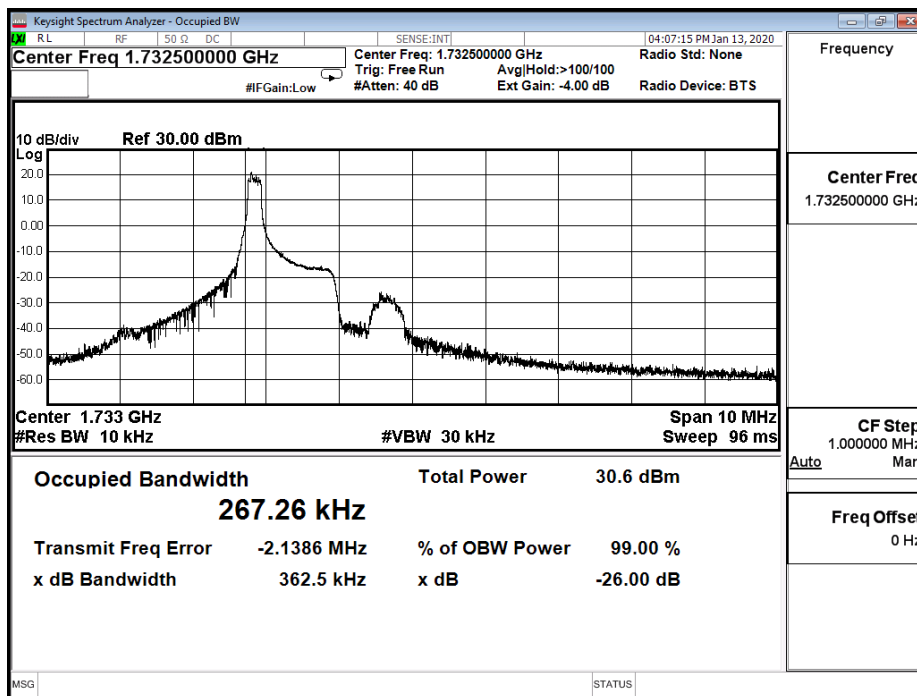
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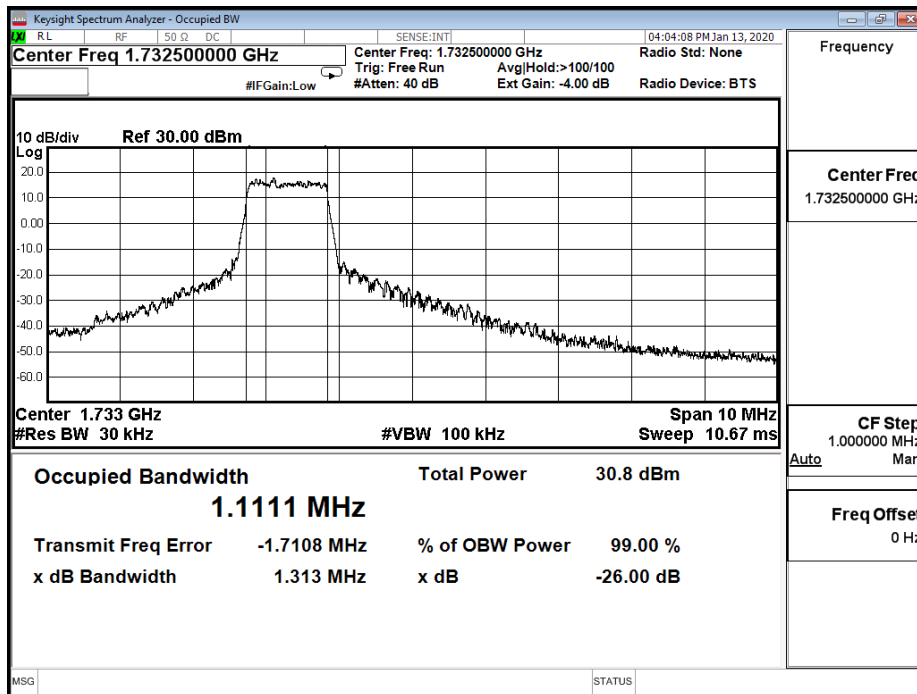
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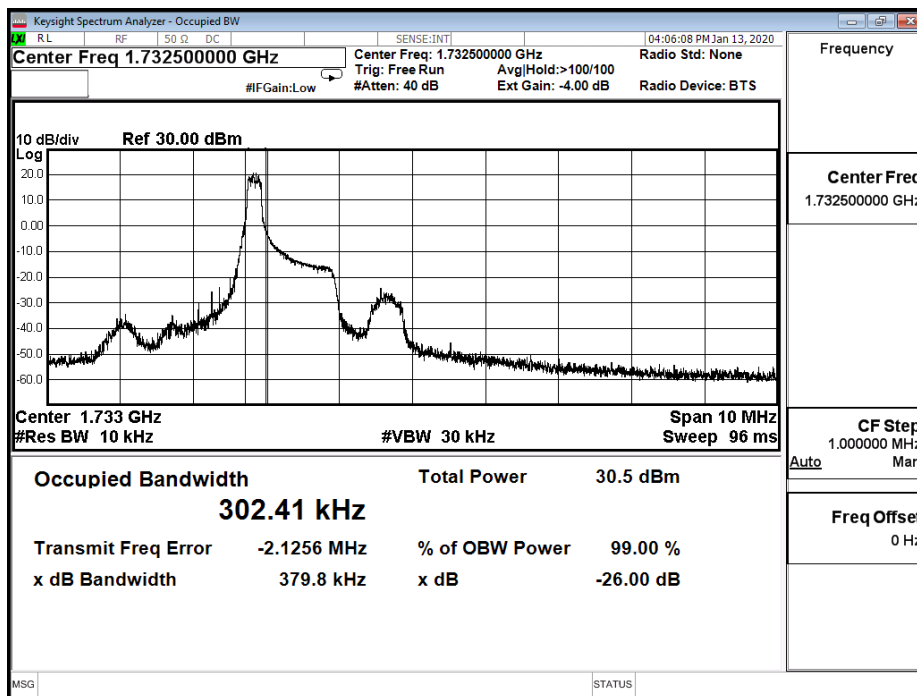
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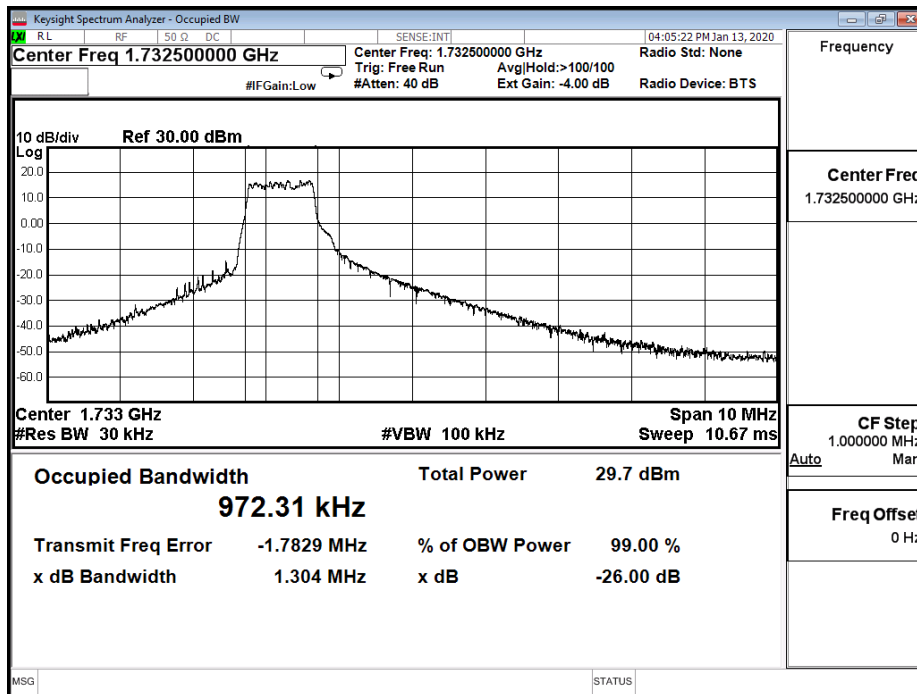
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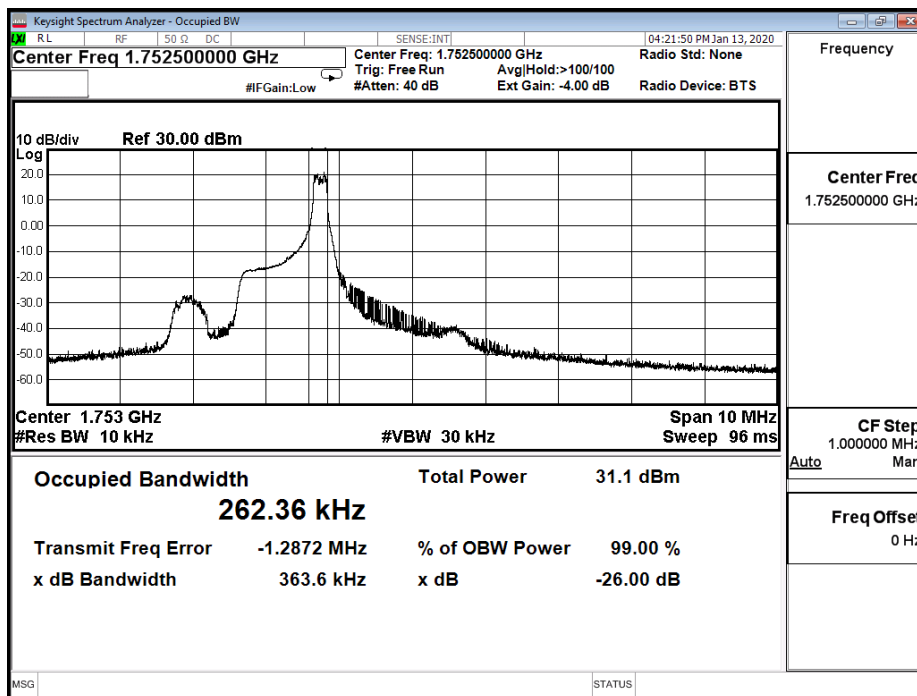
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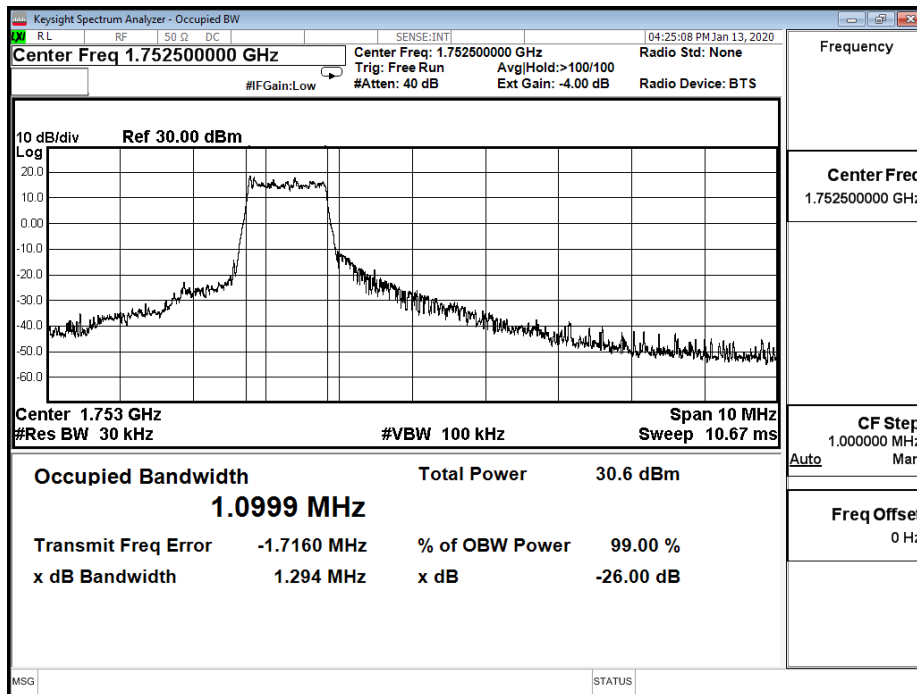
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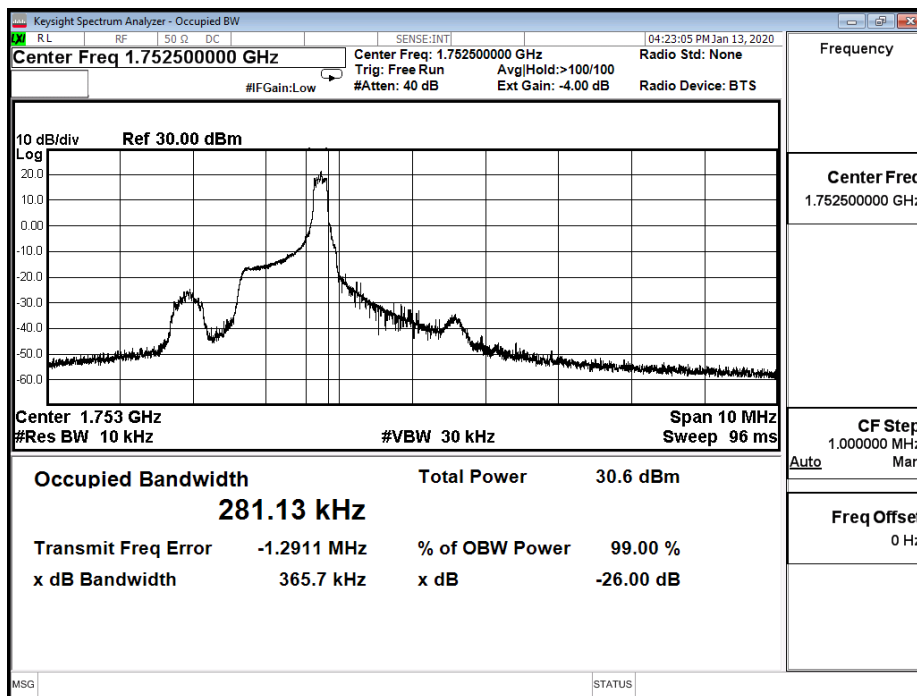
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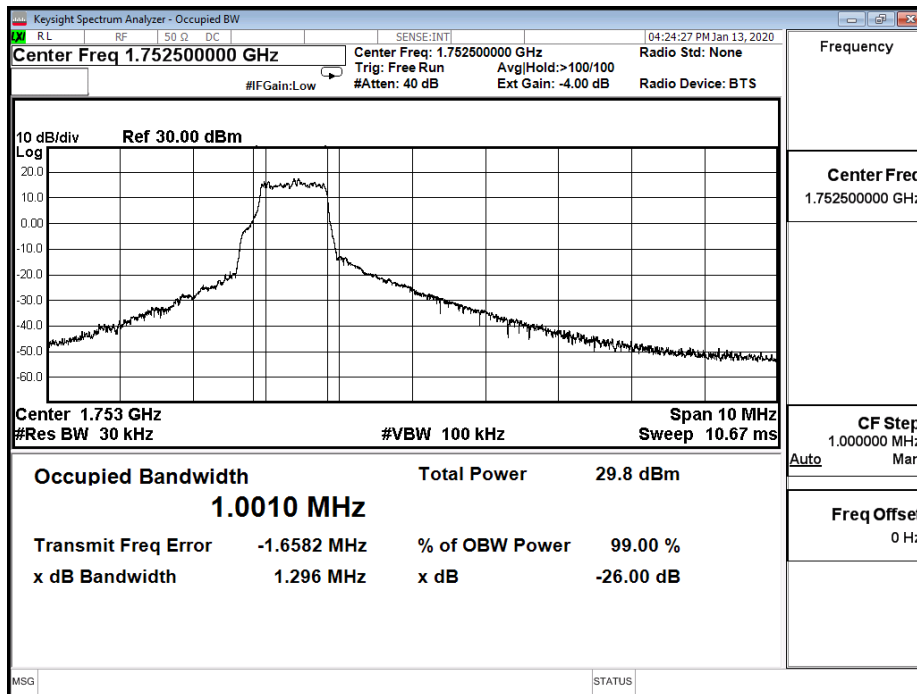
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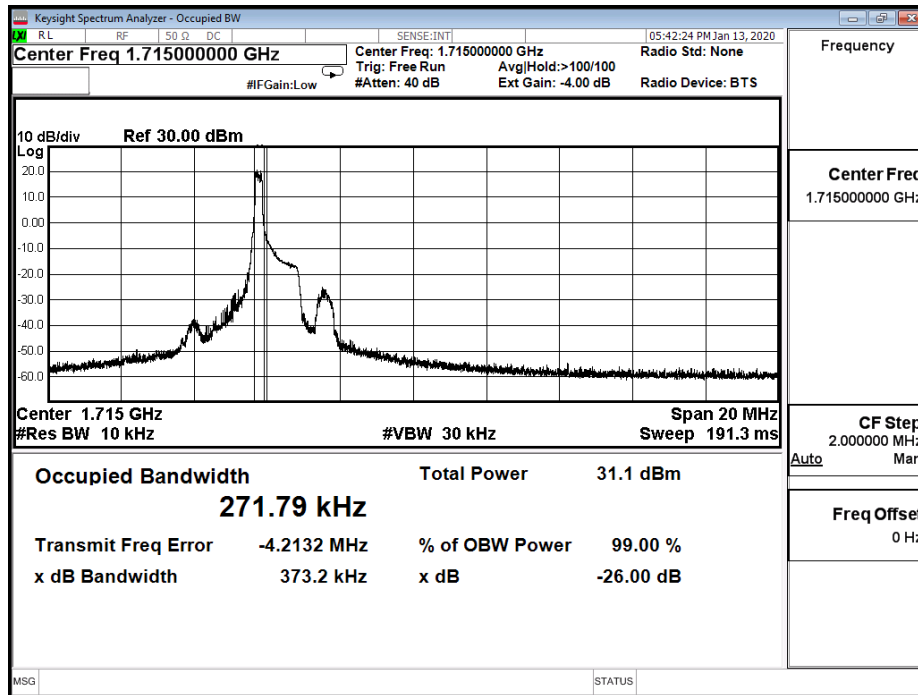
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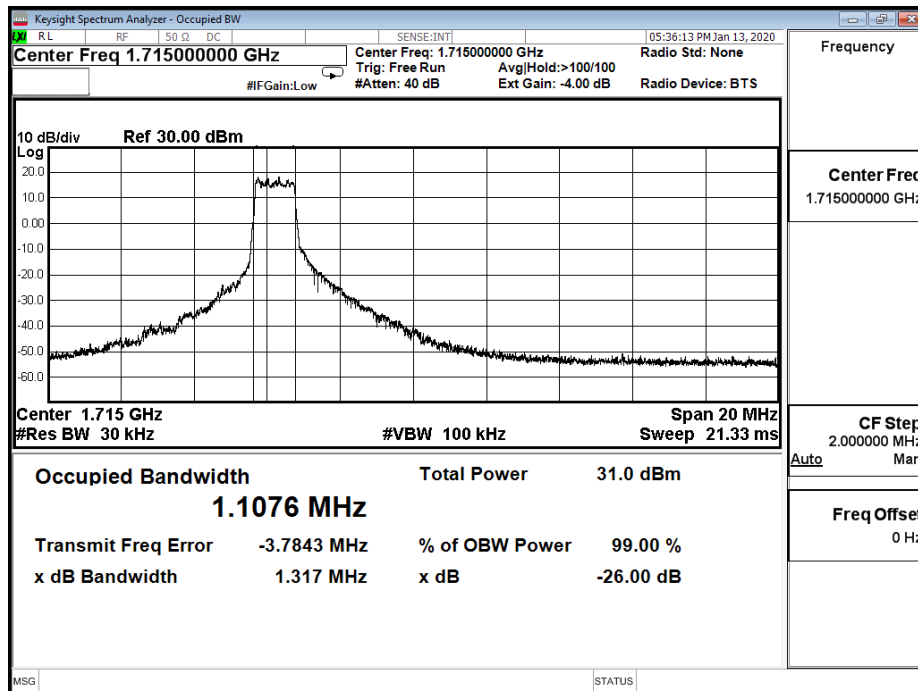
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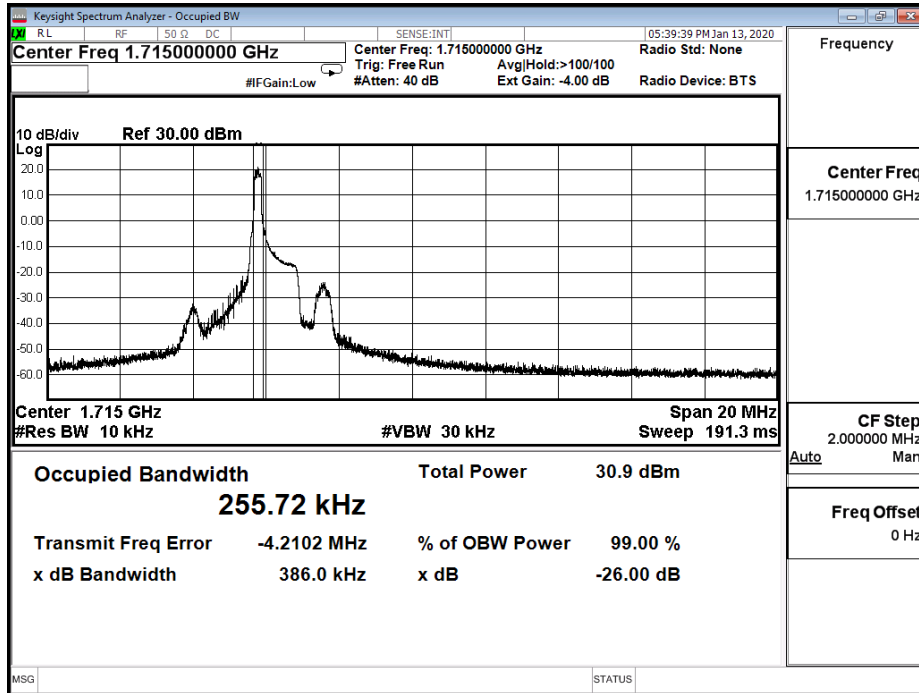
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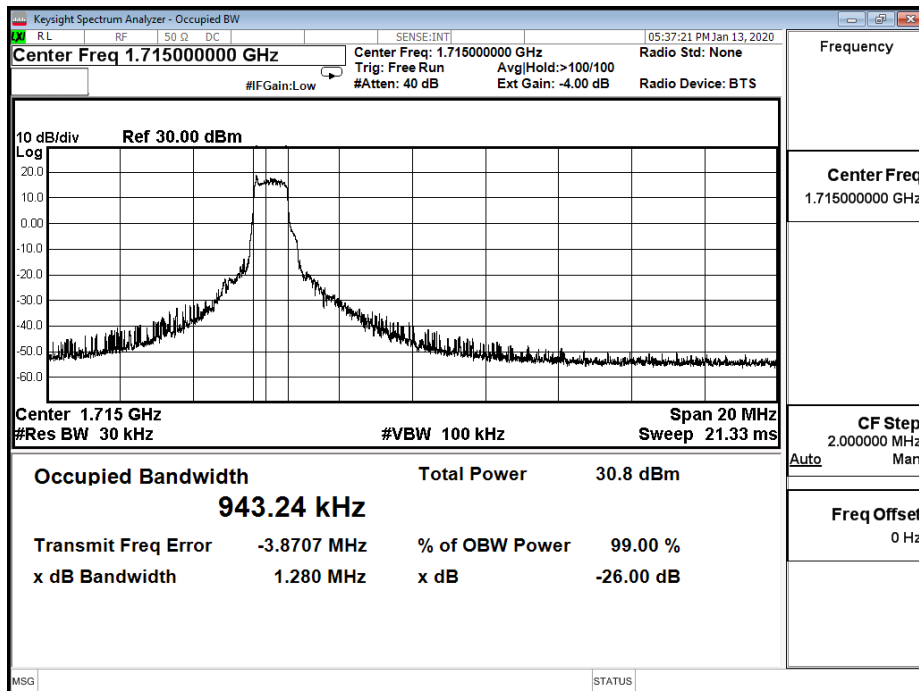
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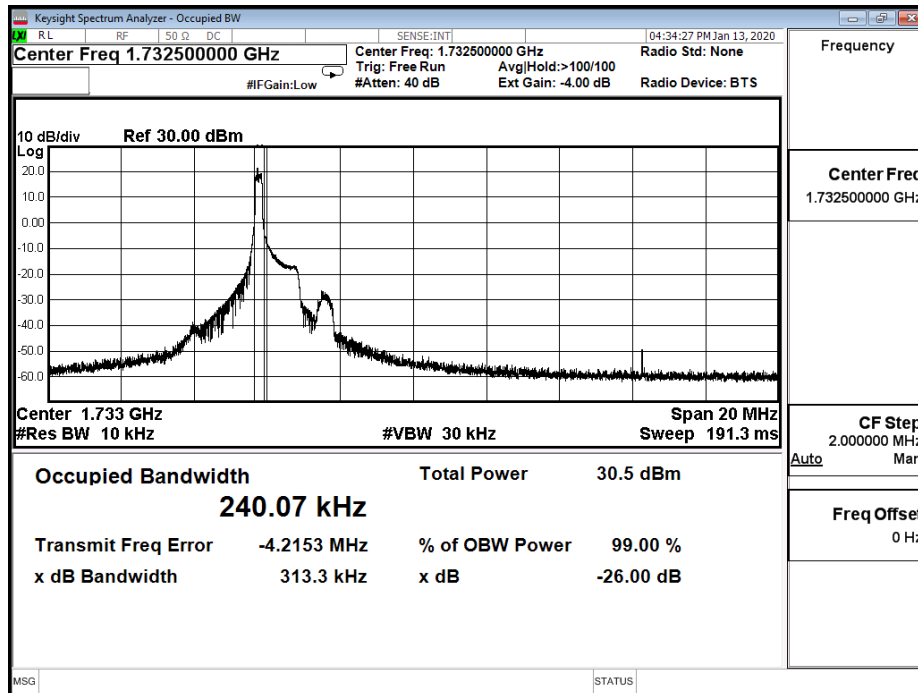
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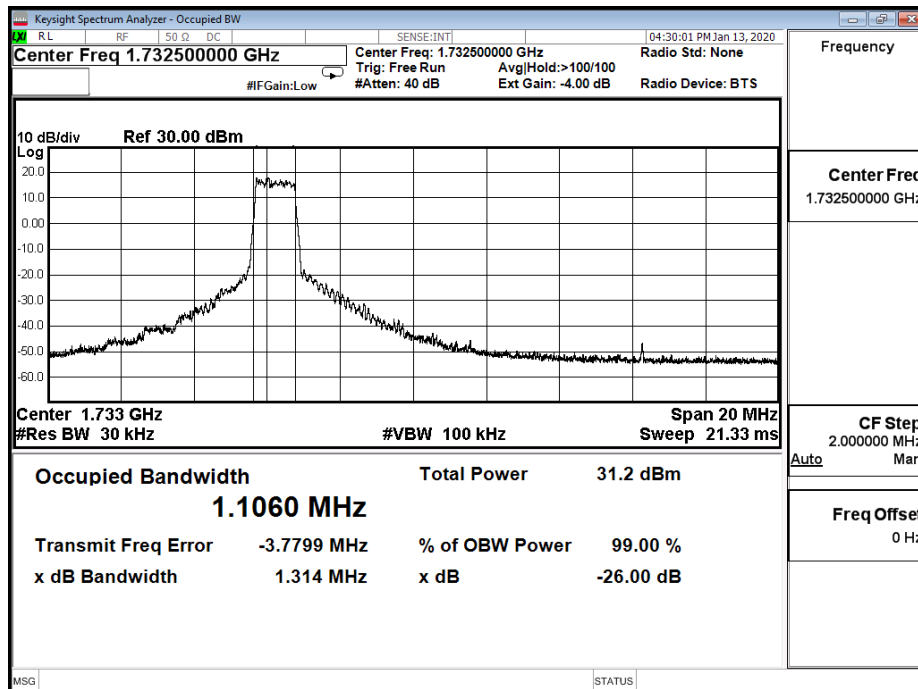
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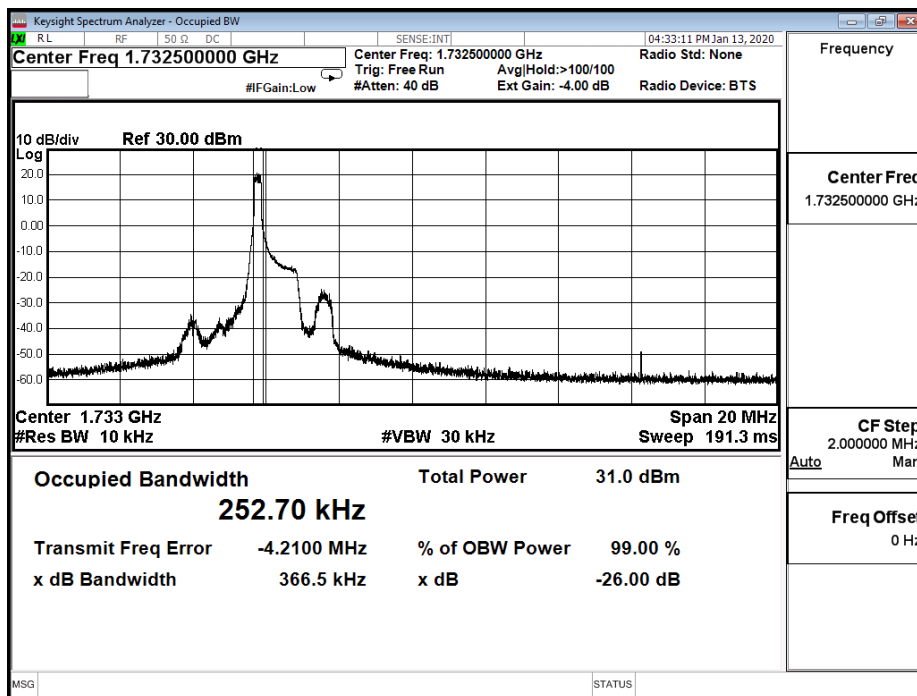
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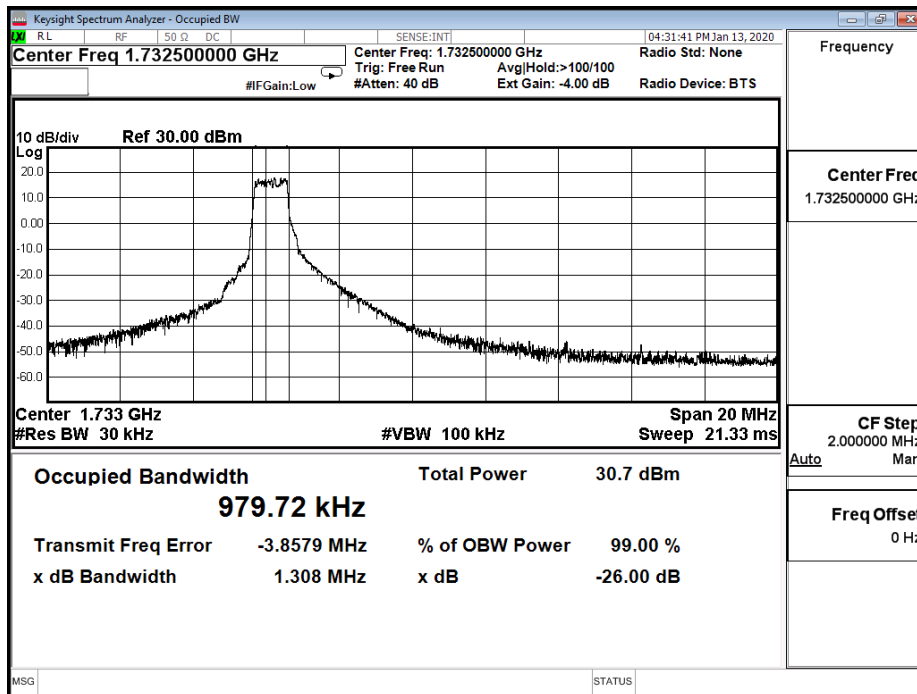
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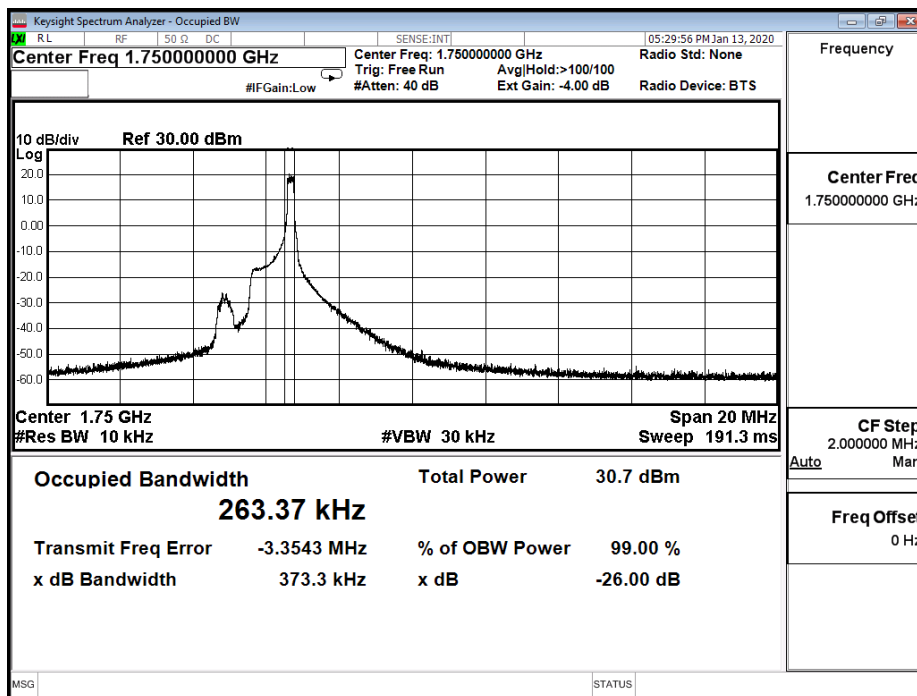
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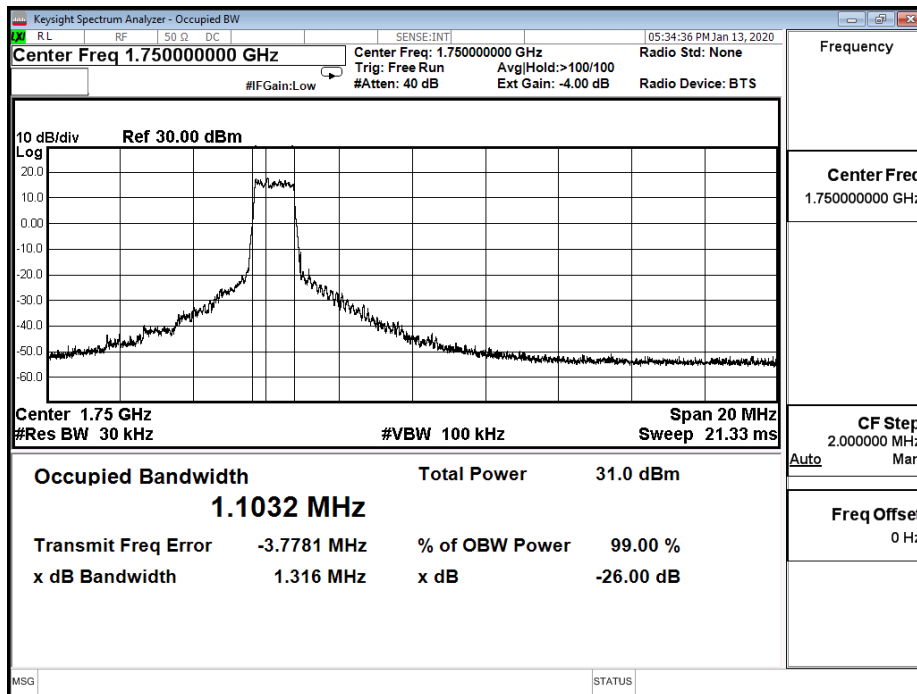
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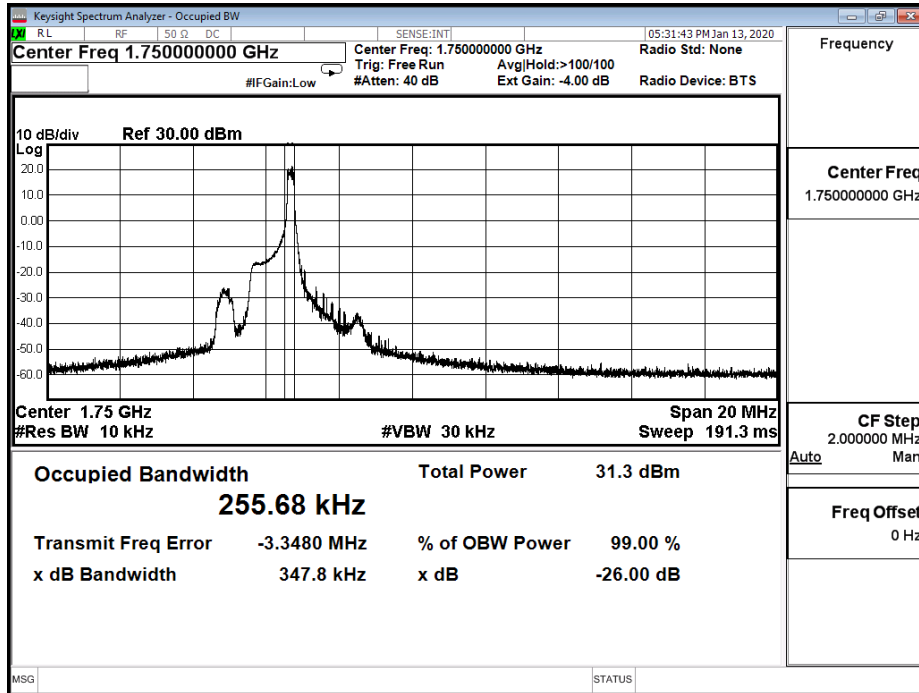
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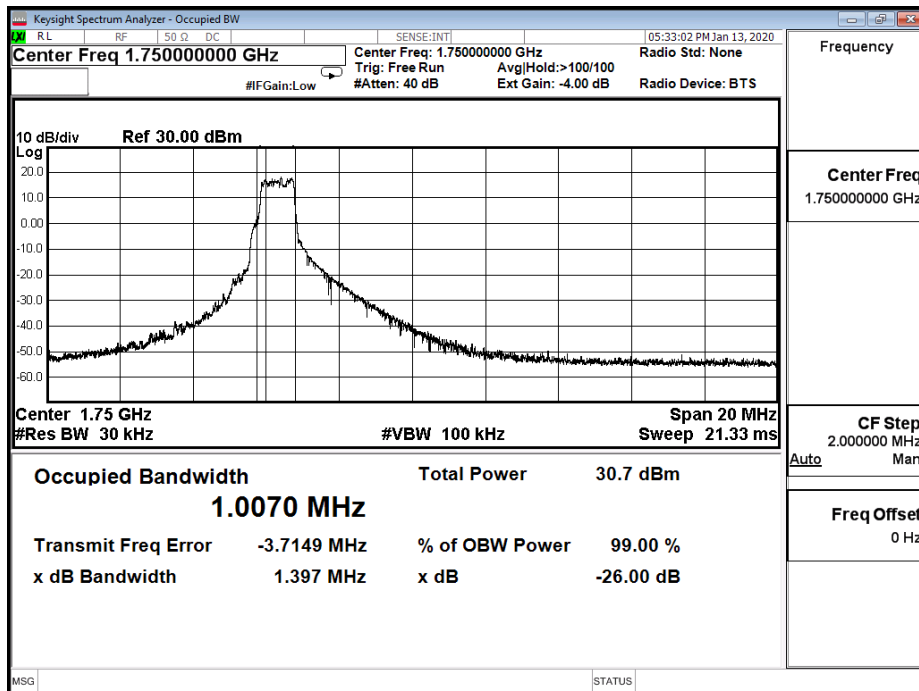
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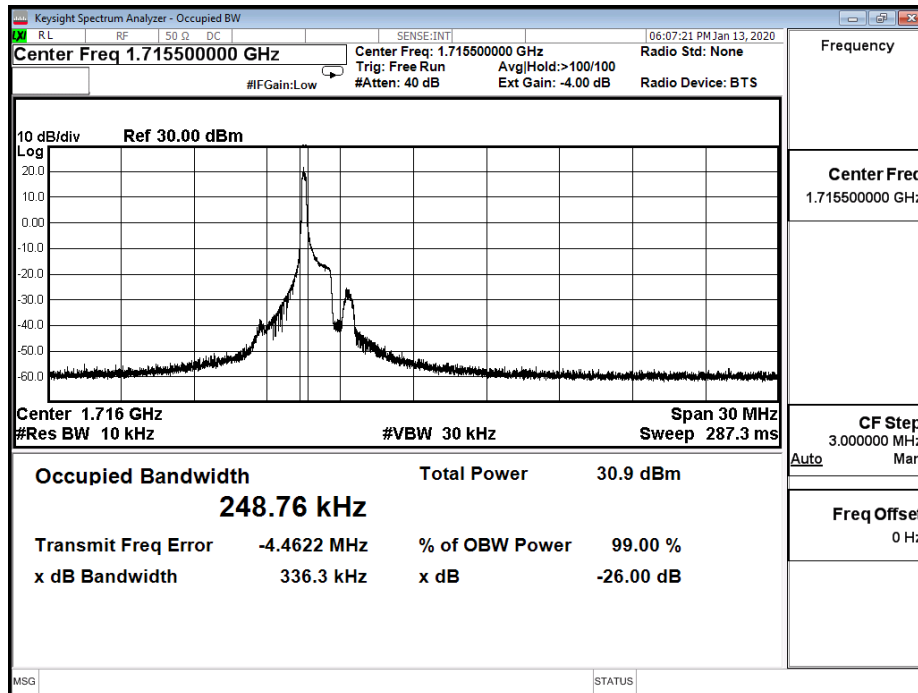
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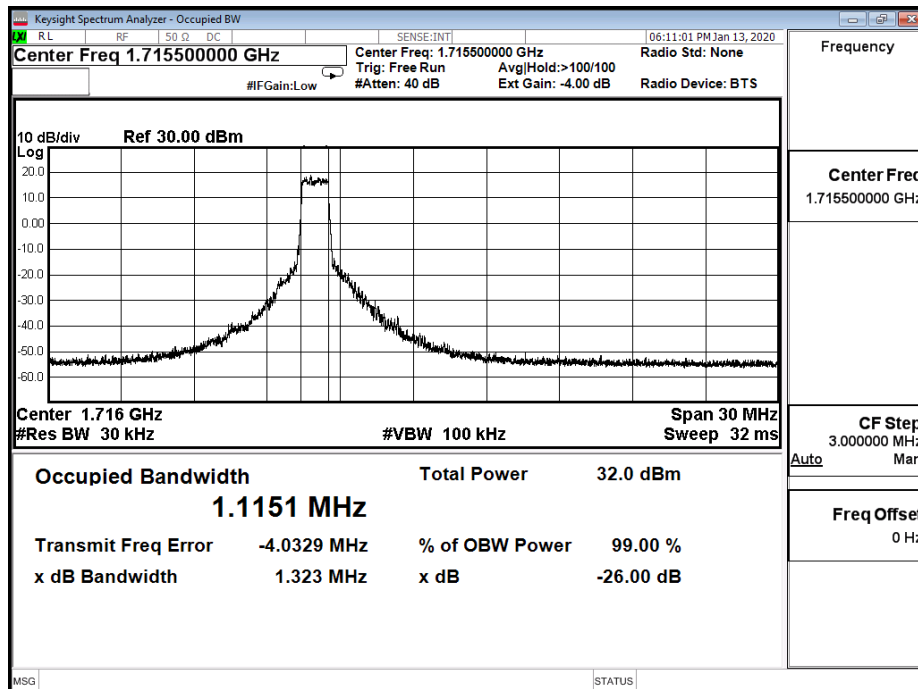
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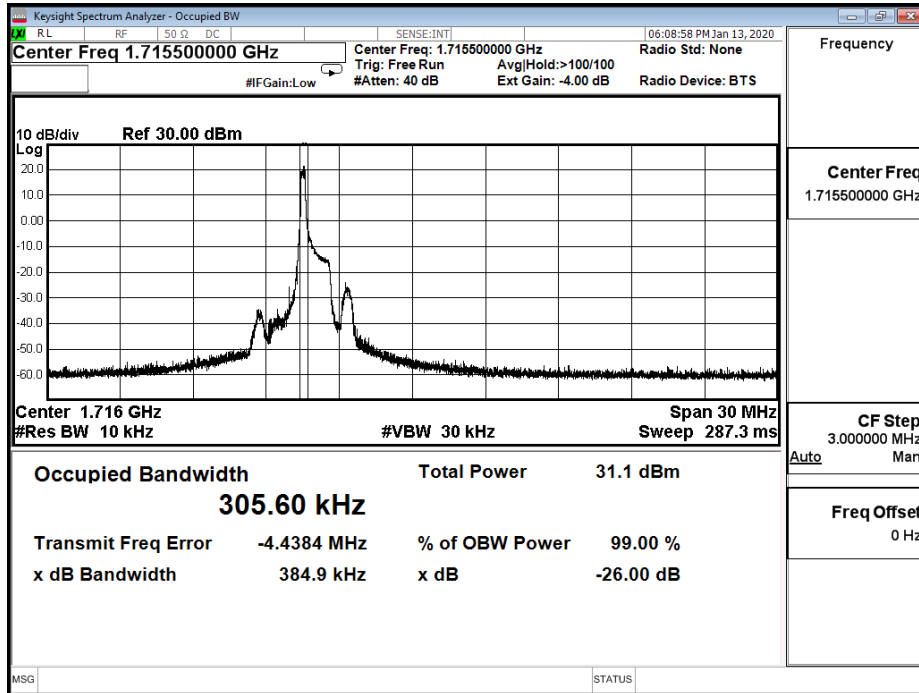
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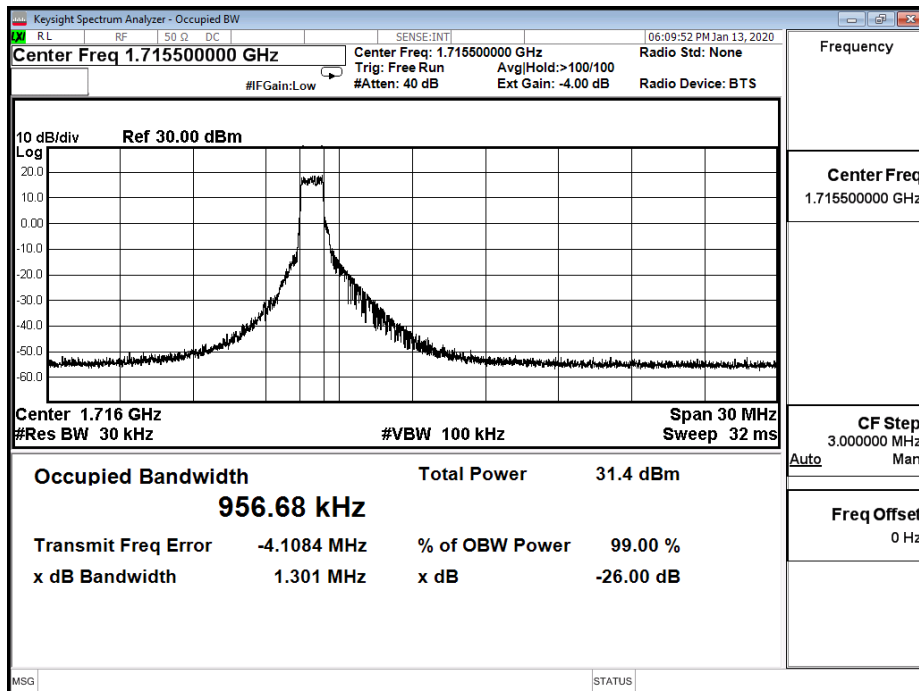
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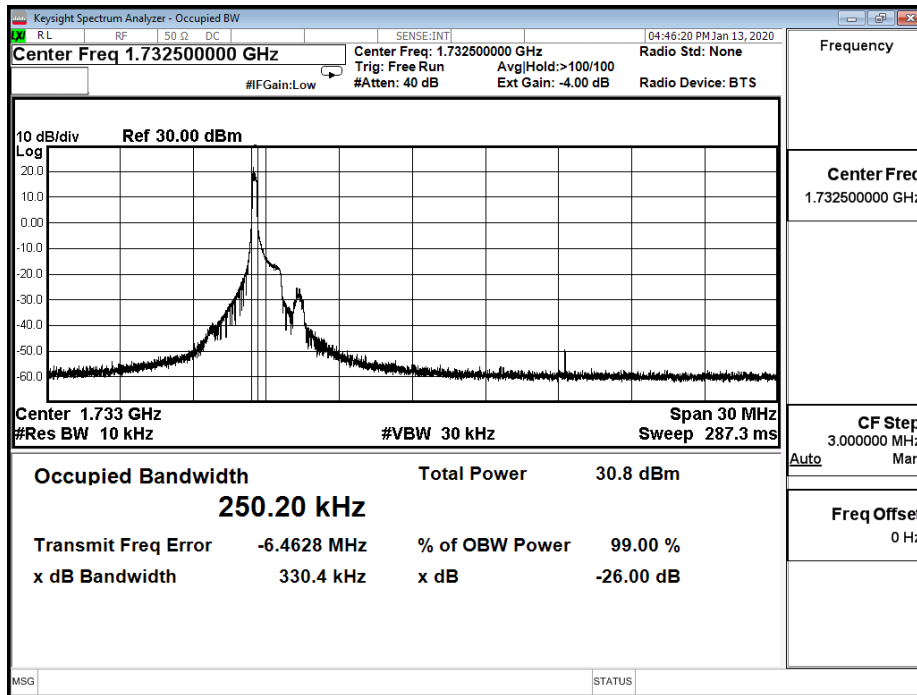
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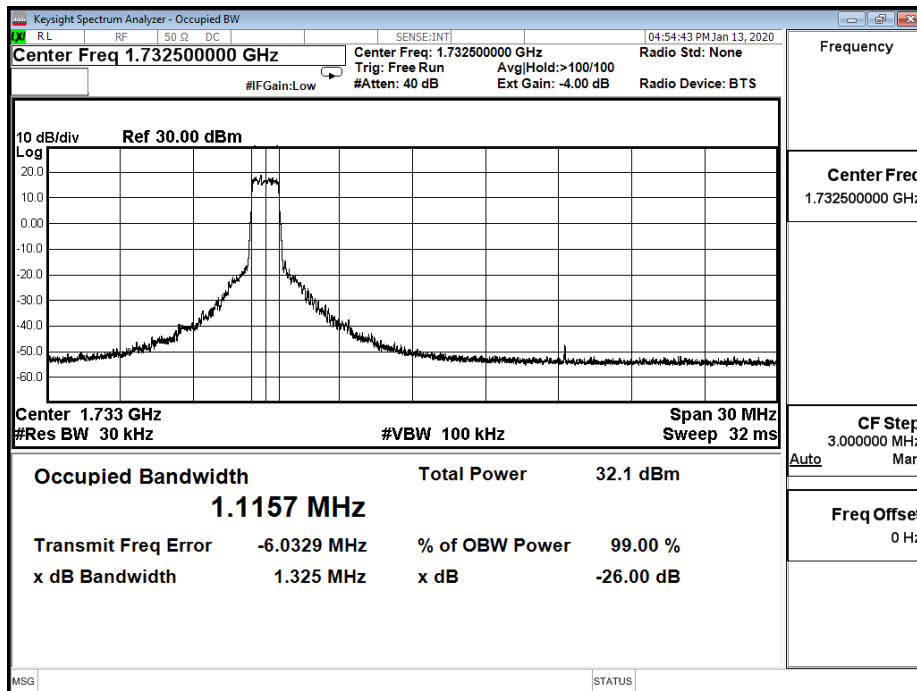
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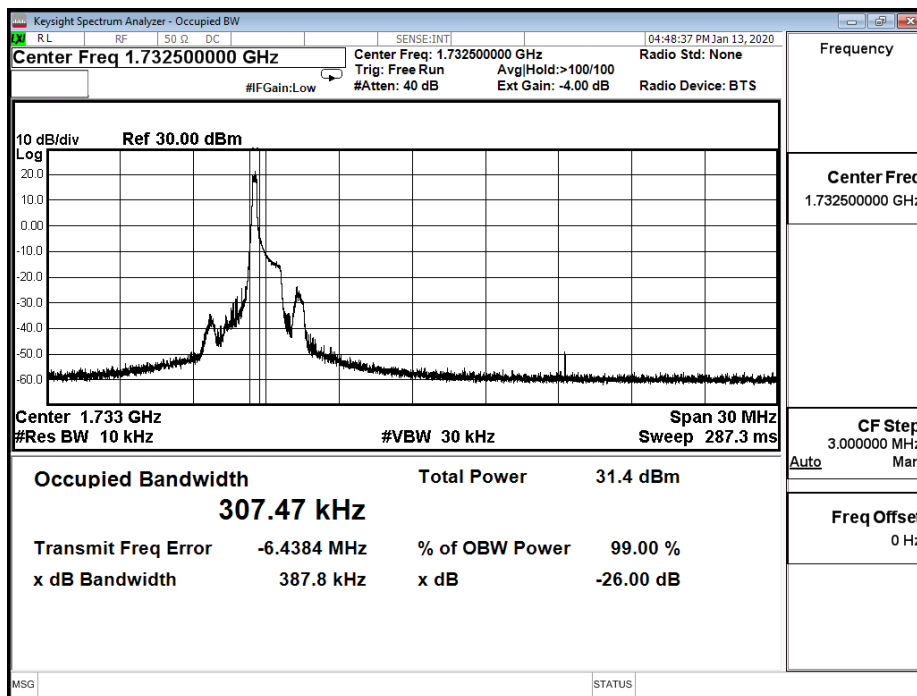
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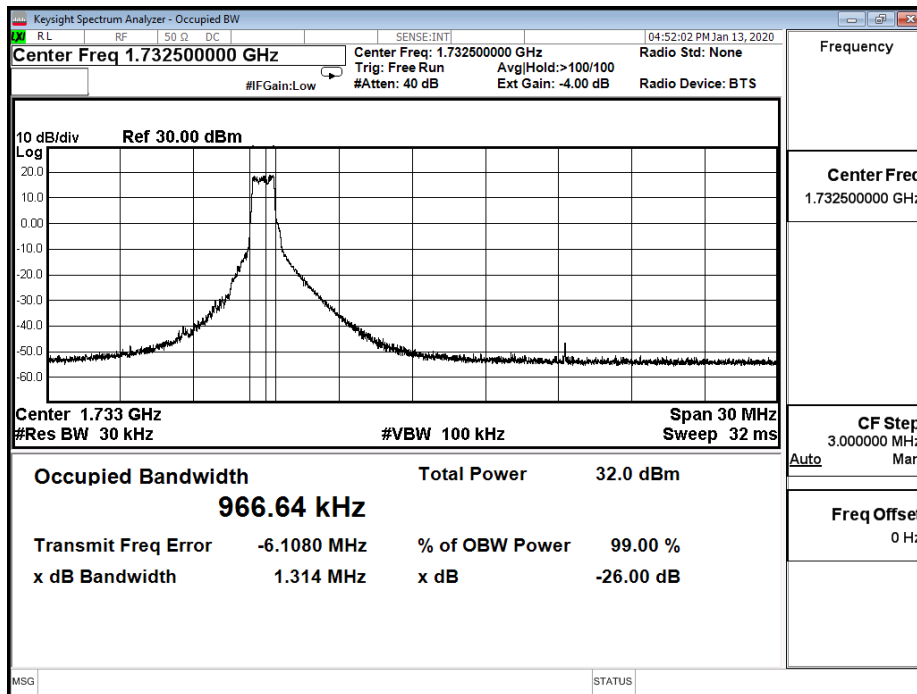
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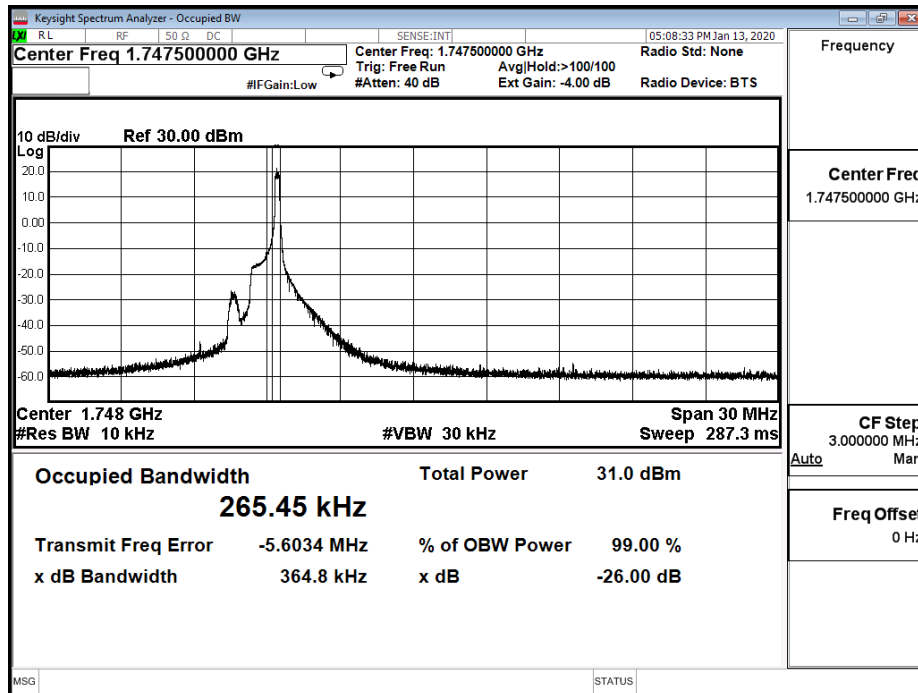
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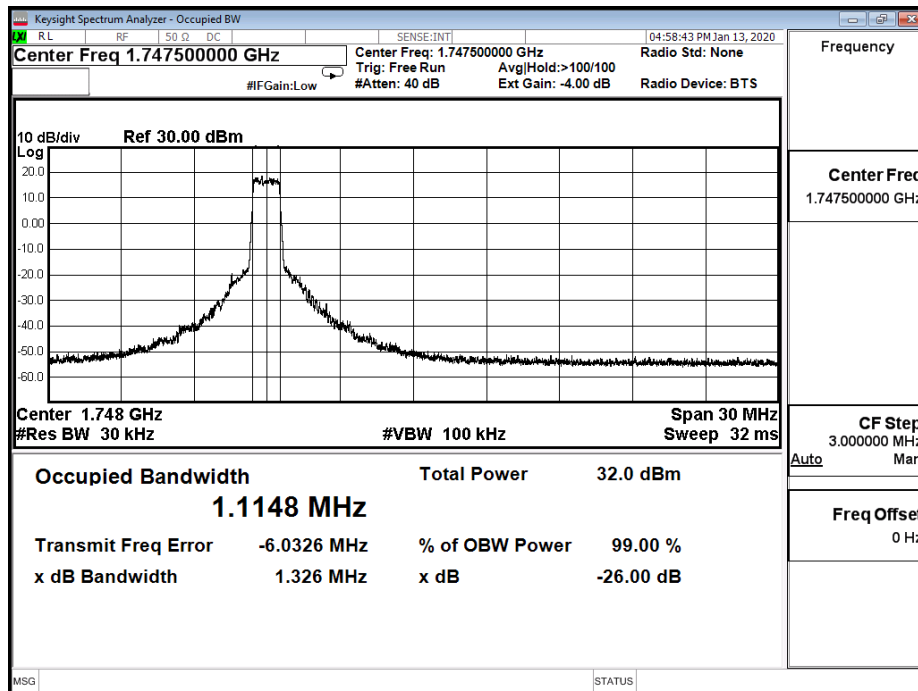
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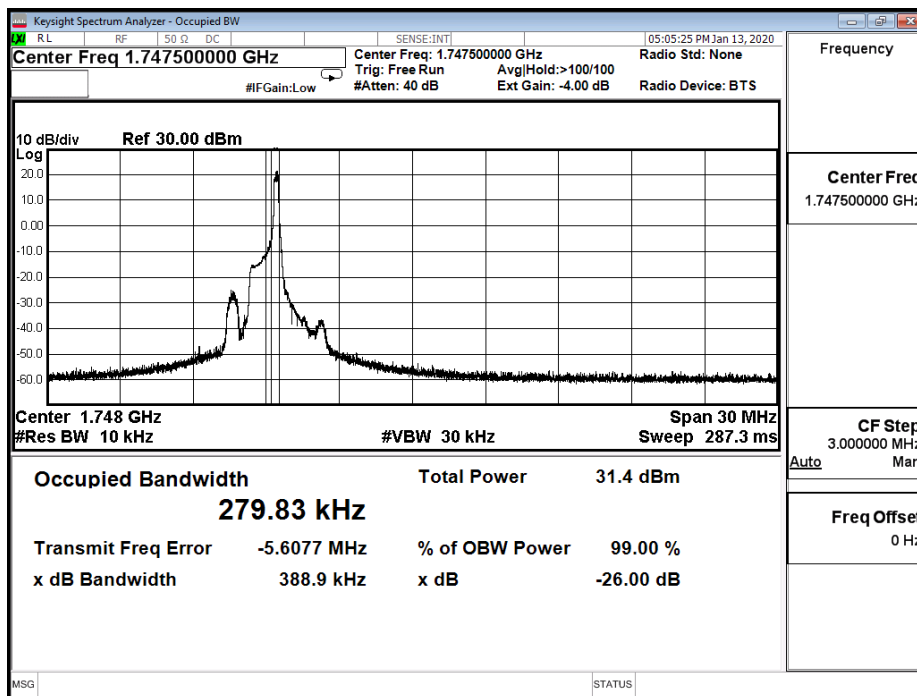
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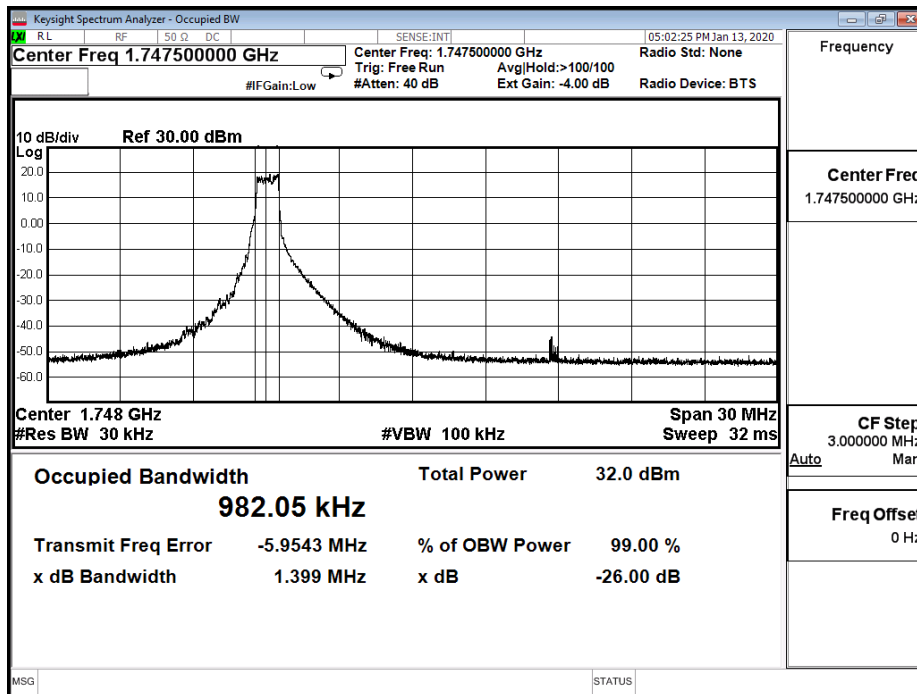
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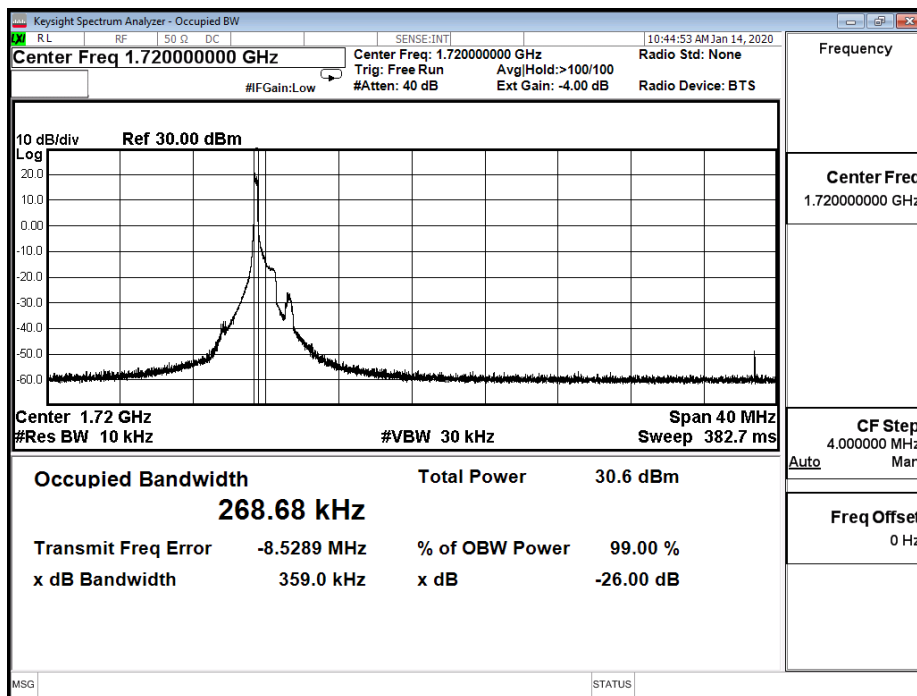
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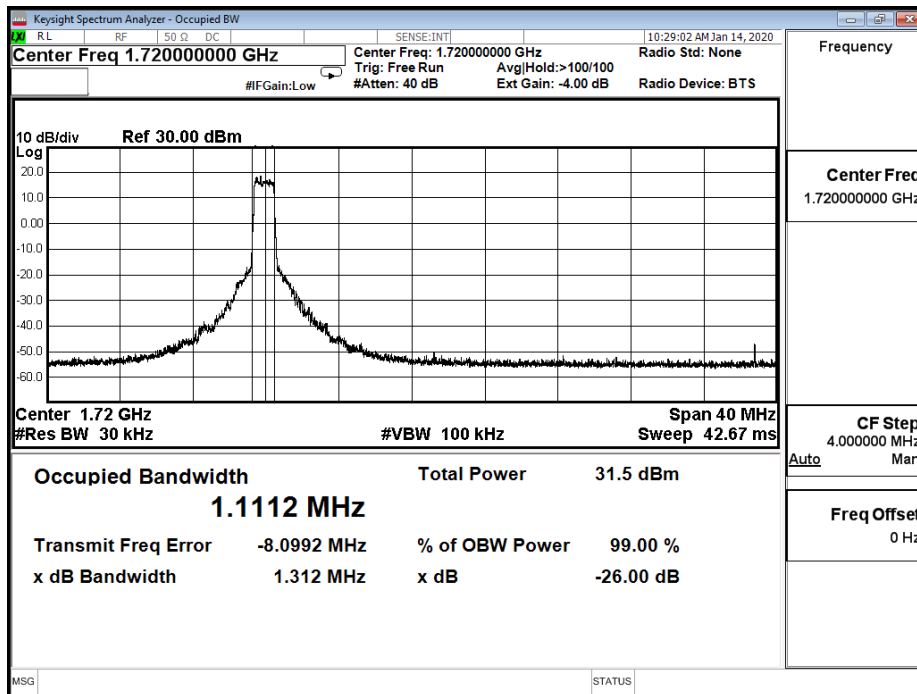
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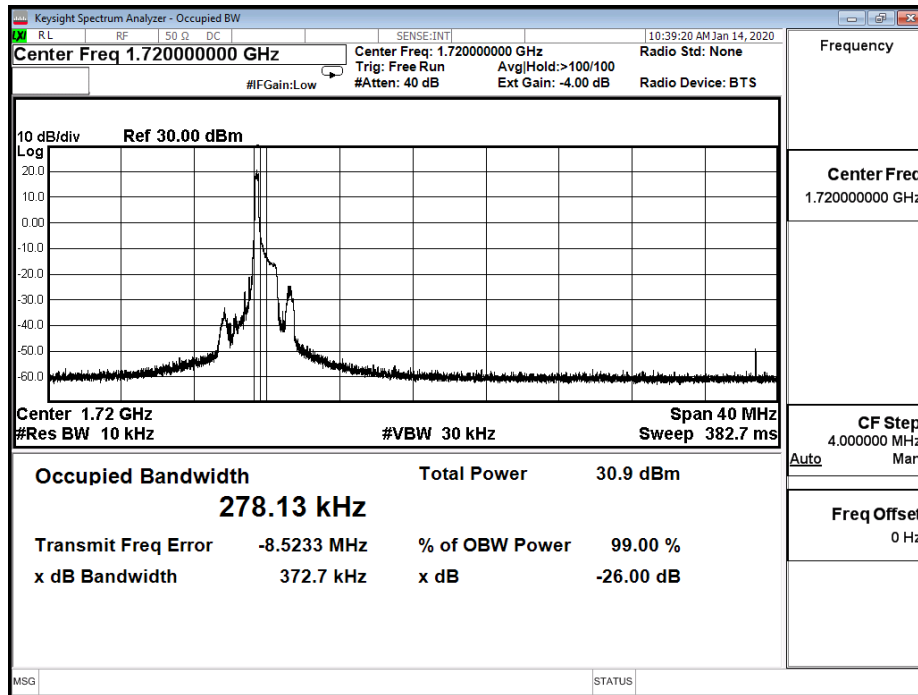
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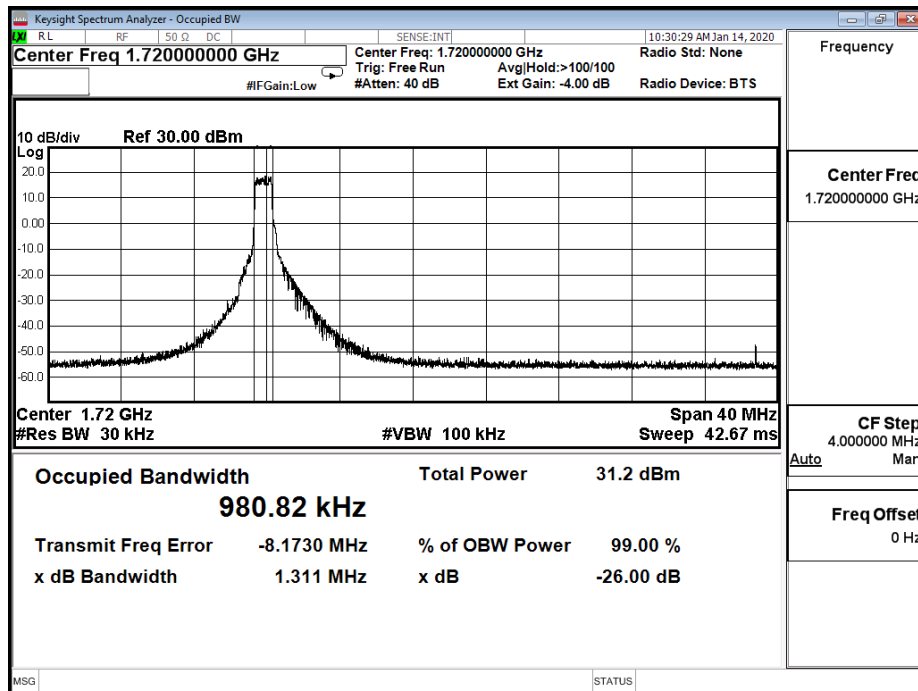
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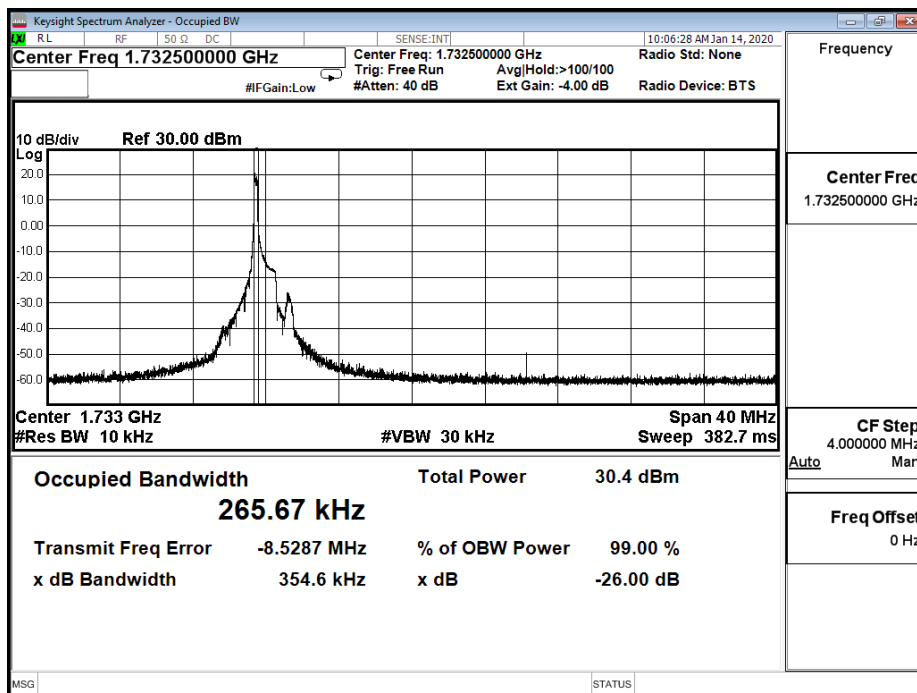
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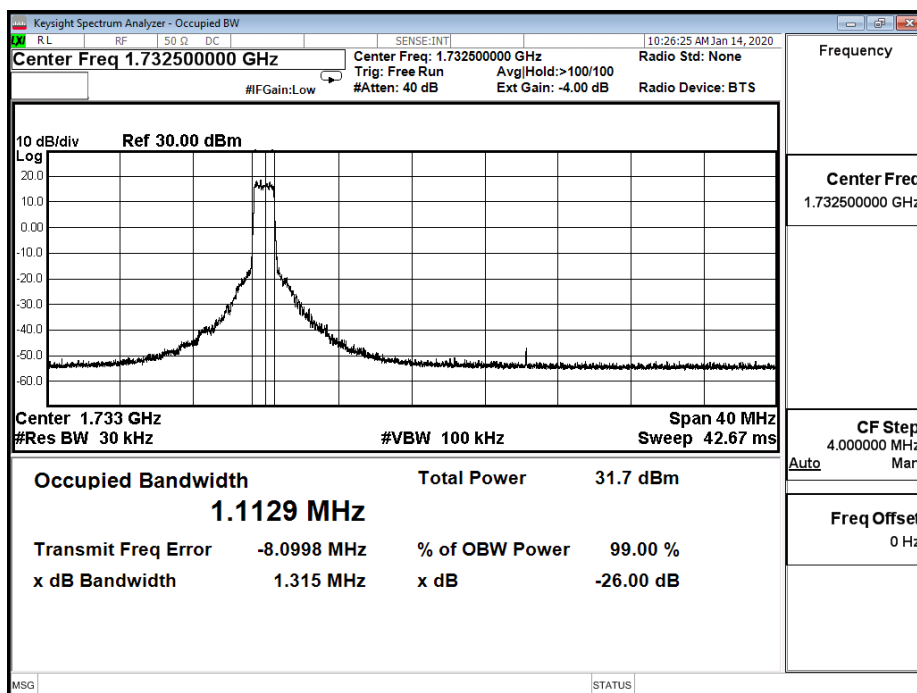
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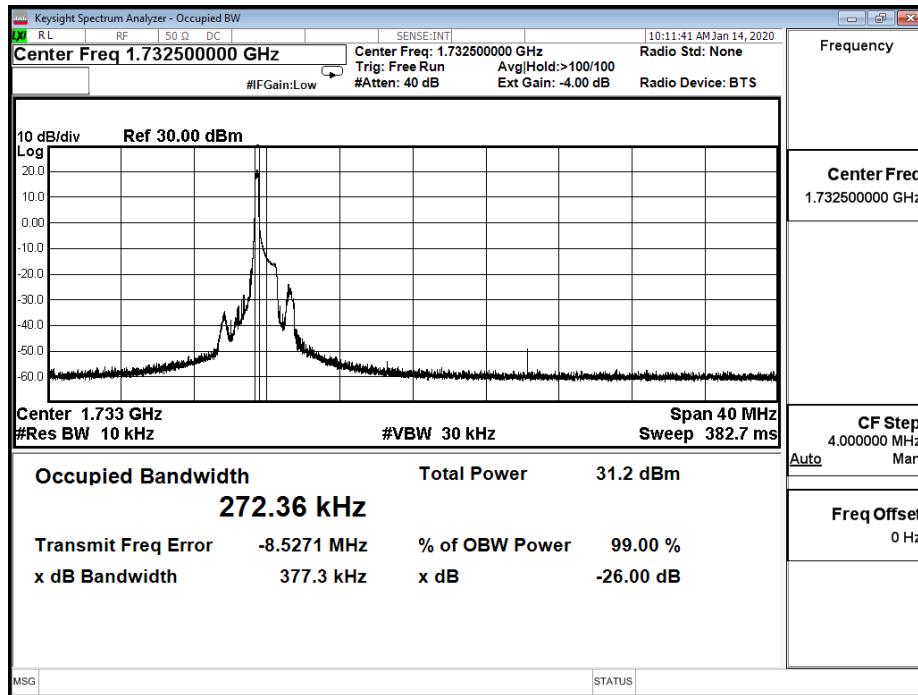
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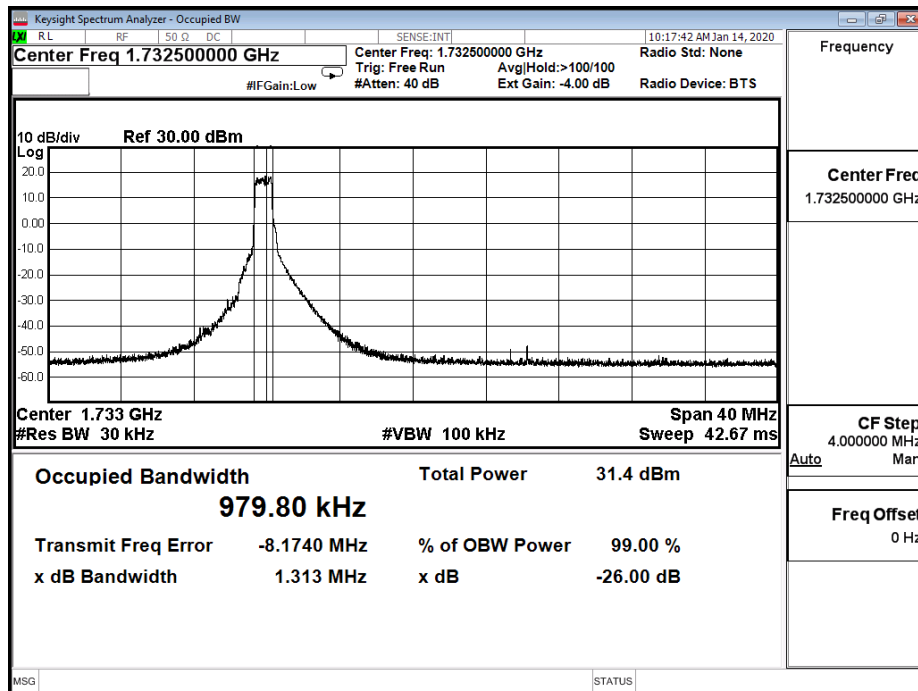
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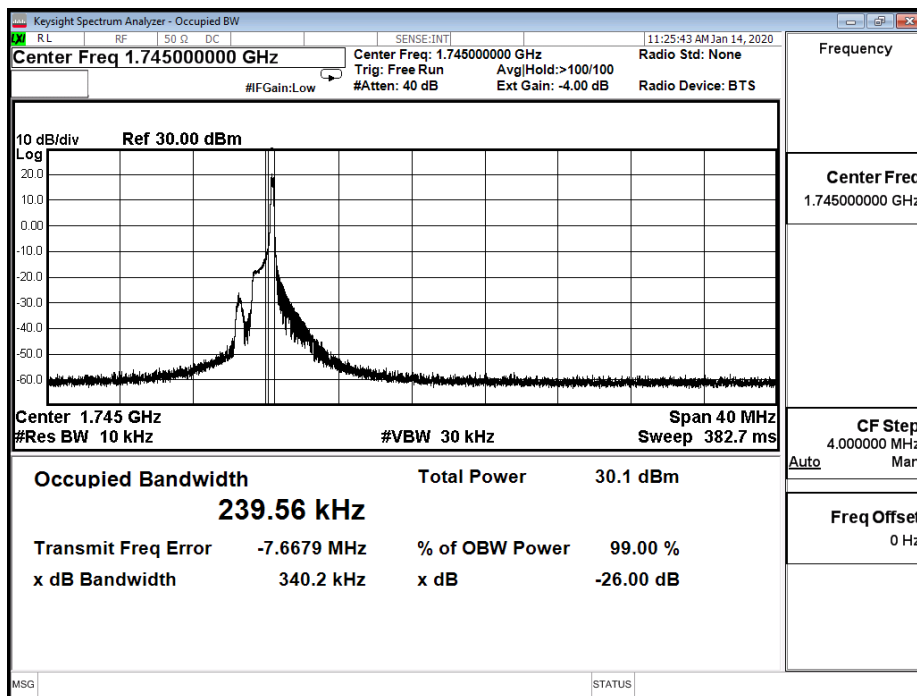
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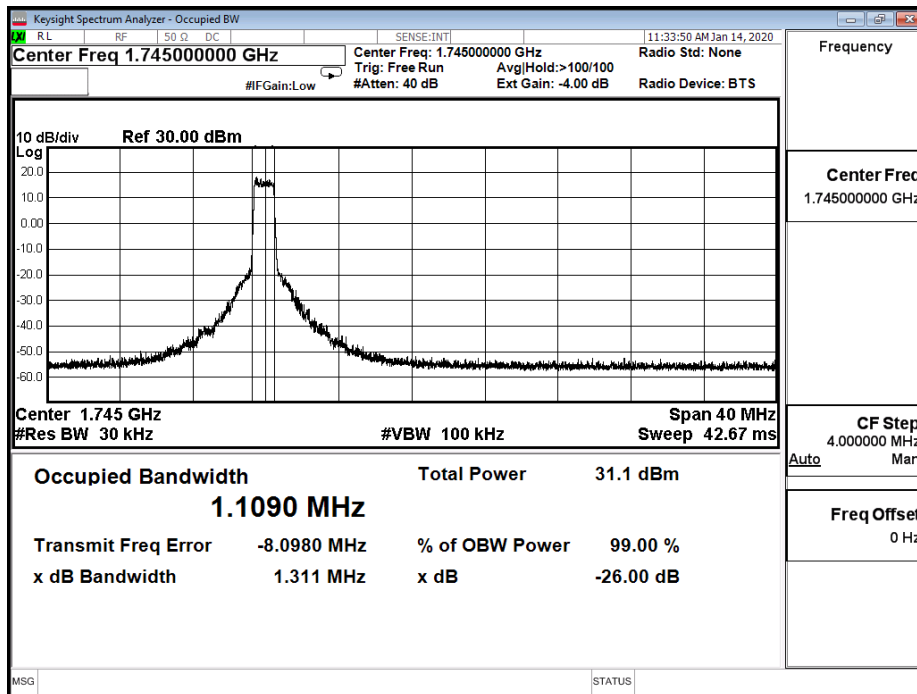
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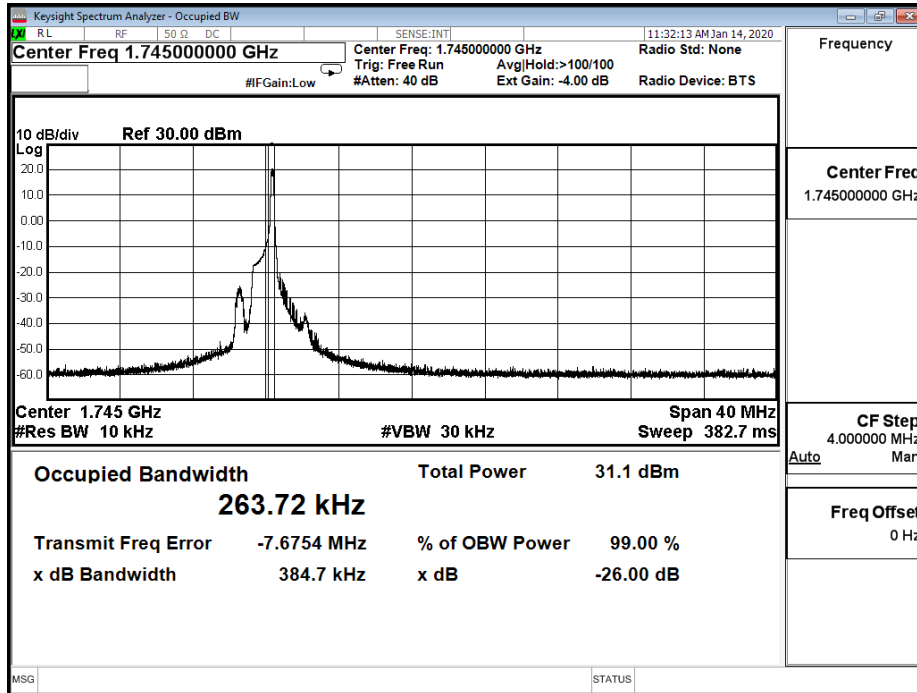
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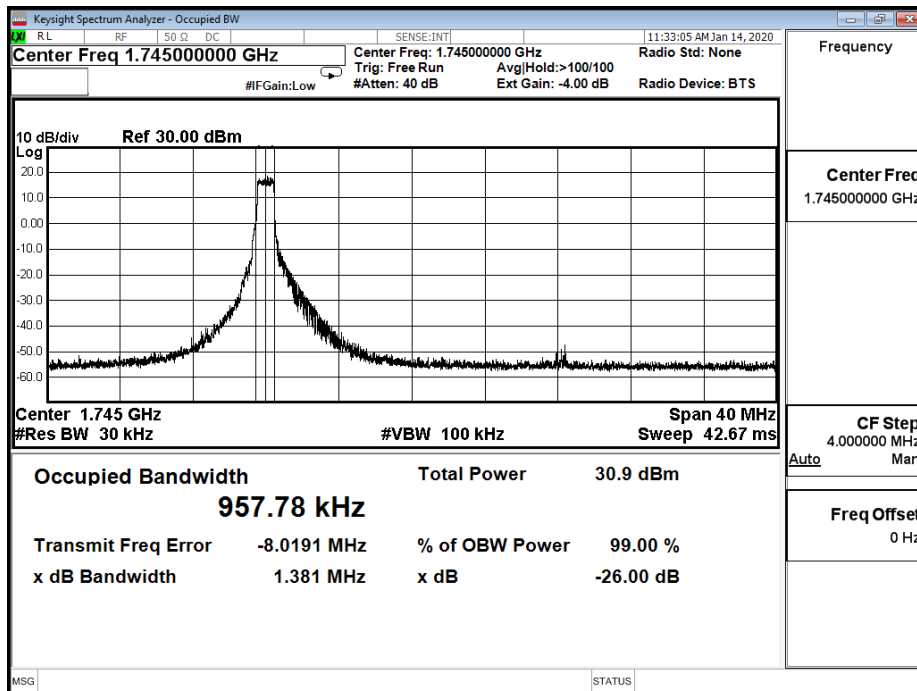
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B4_CH20300_20M_16-QAM_1RB5



B4_CH20300_20M_16-QAM_5RB1

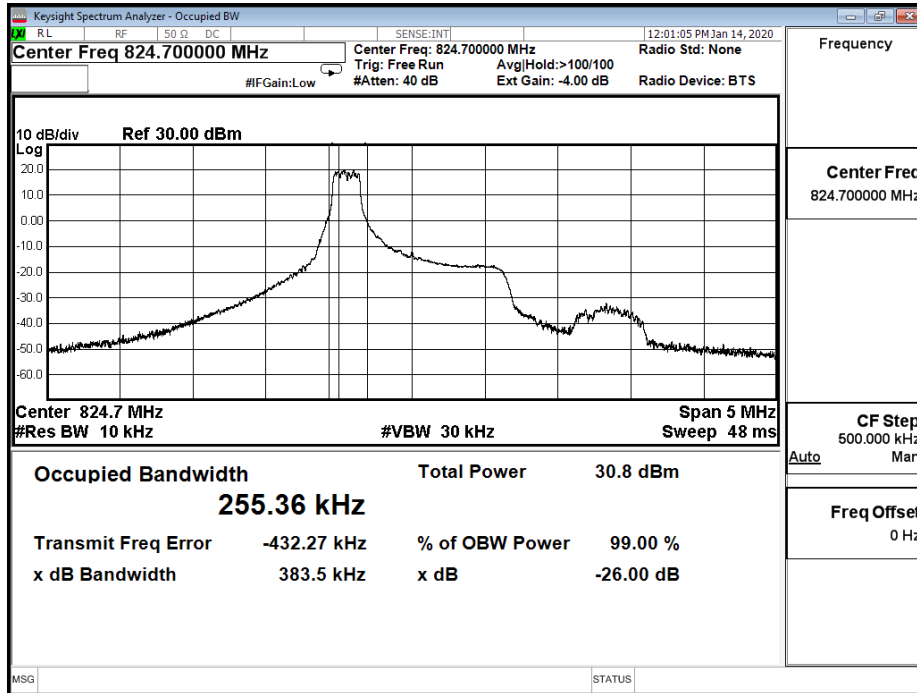


Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 3 : LTE Cat-M1_Band 5		
Date of Test	2020/01/14	Test Site	SR12-H
Temperature (°C)	21.0	Humidity (%RH)	59.0

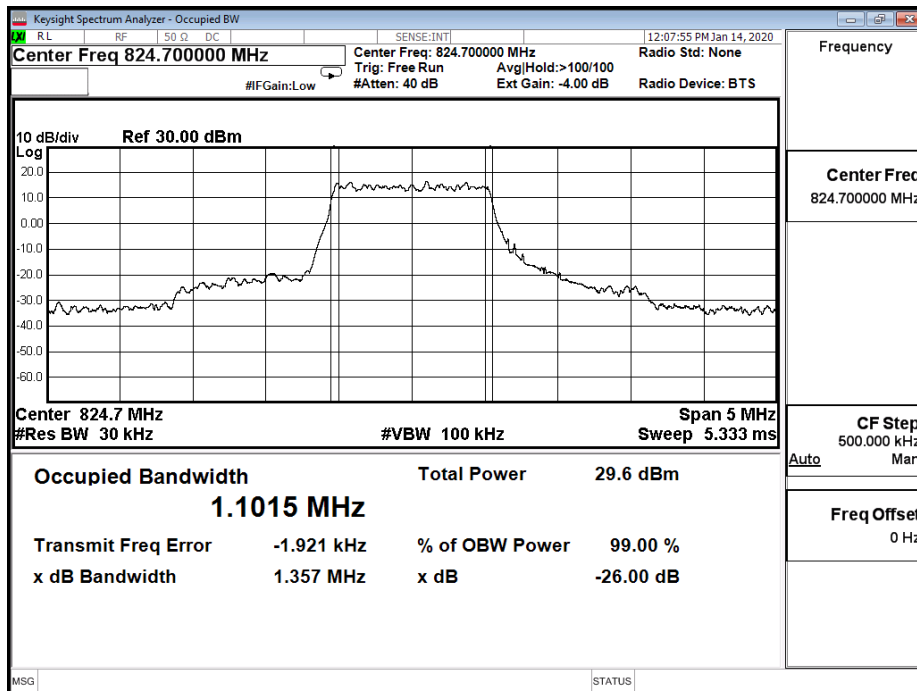
LTE Band 5_1RB Low/high					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	824.7	0.383	0.255	N/A
		836.5	0.397	0.277	N/A
		848.3	0.359	0.239	N/A
	16-QAM	824.7	0.409	0.308	N/A
		836.5	0.351	0.254	N/A
		848.3	0.390	0.313	N/A
3M	QPSK	825.5	0.383	0.276	N/A
		836.5	0.364	0.253	N/A
		847.5	0.344	0.245	N/A
	16-QAM	825.5	0.374	0.268	N/A
		836.5	0.376	0.264	N/A
		847.5	0.377	0.292	N/A
5M	QPSK	826.5	0.361	0.260	N/A
		836.5	0.360	0.260	N/A
		846.5	0.340	0.252	N/A
	16-QAM	826.5	0.373	0.276	N/A
		836.5	0.373	0.279	N/A
		846.5	0.364	0.257	N/A
10M	QPSK	829.0	0.368	0.264	N/A
		836.5	0.327	0.235	N/A
		844.0	0.363	0.248	N/A
	16-QAM	829.0	0.344	0.243	N/A
		836.5	0.345	0.235	N/A
		844.0	0.349	0.255	N/A

LTE Band 5_Full RB					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	824.7	1.357	1.101	N/A
		836.5	1.309	1.106	N/A
		848.3	1.332	1.115	N/A
	16-QAM	824.7	1.288	0.957	N/A
		836.5	1.279	0.944	N/A
		848.3	1.297	0.983	N/A
3M	QPSK	825.5	1.132	1.109	N/A
		836.5	1.327	1.110	N/A
		847.5	1.332	1.107	N/A
	16-QAM	825.5	1.281	0.947	N/A
		836.5	1.280	0.943	N/A
		847.5	1.296	0.979	N/A
5M	QPSK	826.5	1.318	1.113	N/A
		836.5	1.315	1.113	N/A
		846.5	1.316	1.113	N/A
	16-QAM	826.5	1.302	0.963	N/A
		836.5	1.304	0.946	N/A
		846.5	1.353	0.950	N/A
10M	QPSK	829.0	1.323	1.106	N/A
		836.5	1.311	1.103	N/A
		844.0	1.308	1.100	N/A
	16-QAM	829.0	1.267	0.945	N/A
		836.5	1.304	0.970	N/A
		844.0	1.366	1.001	N/A

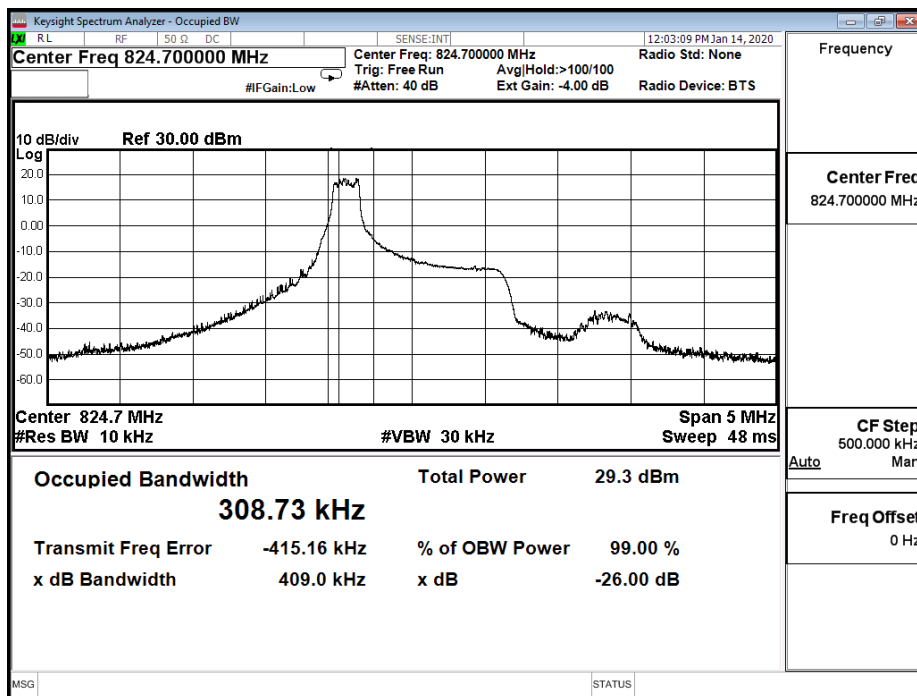
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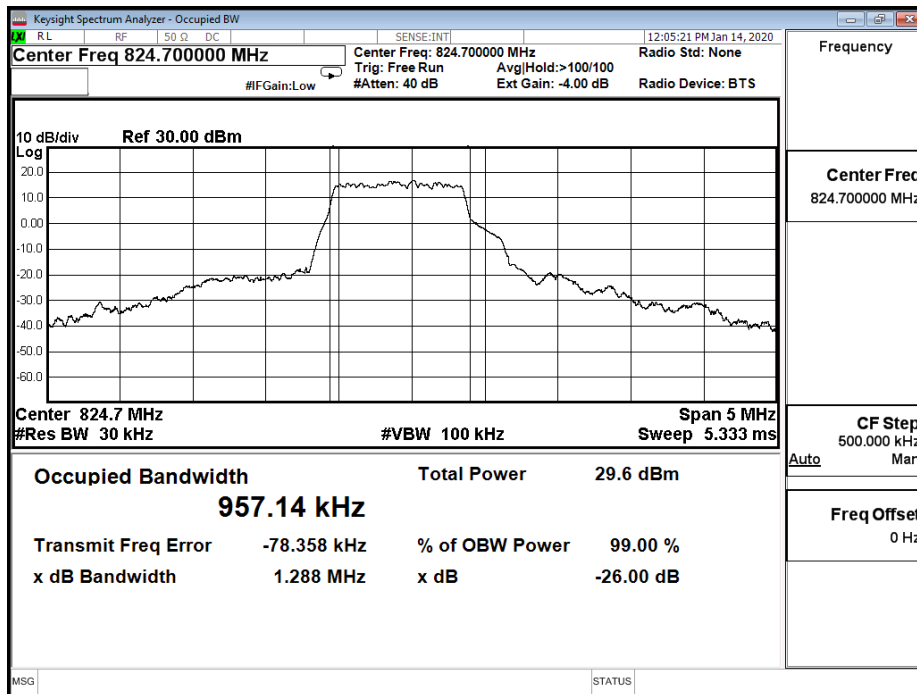
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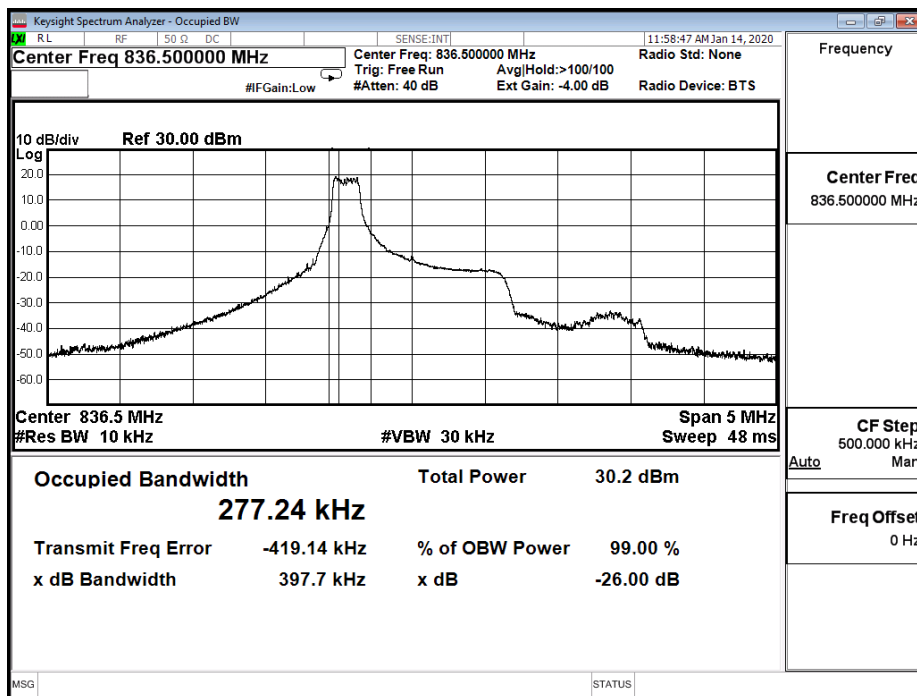
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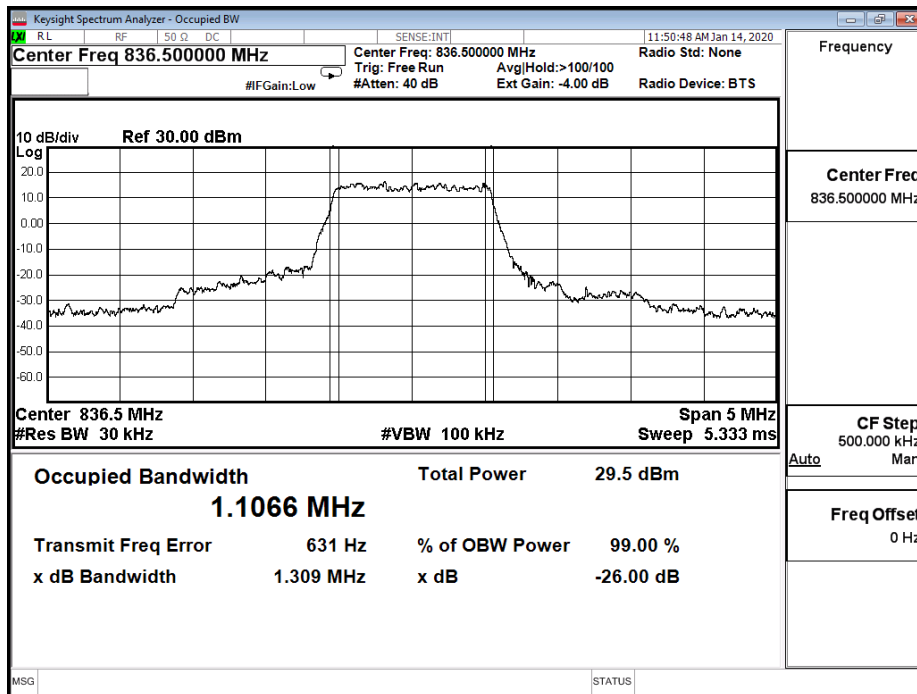
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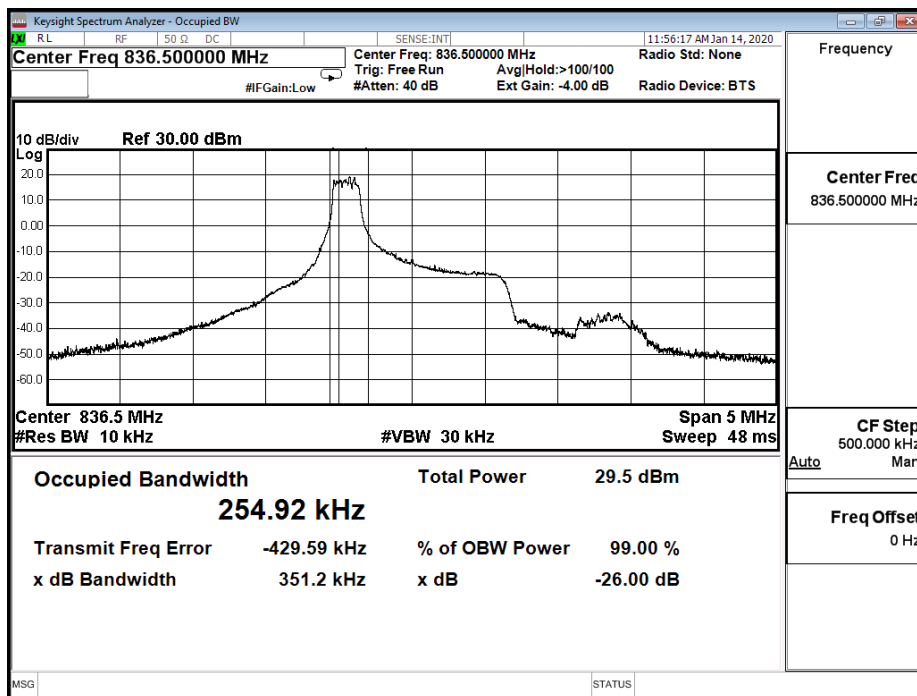
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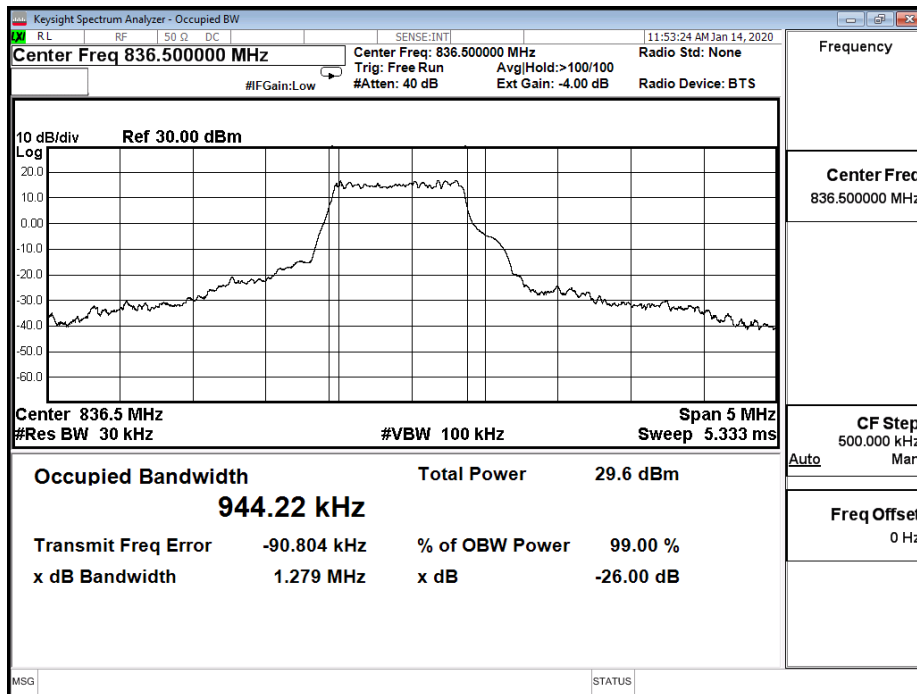
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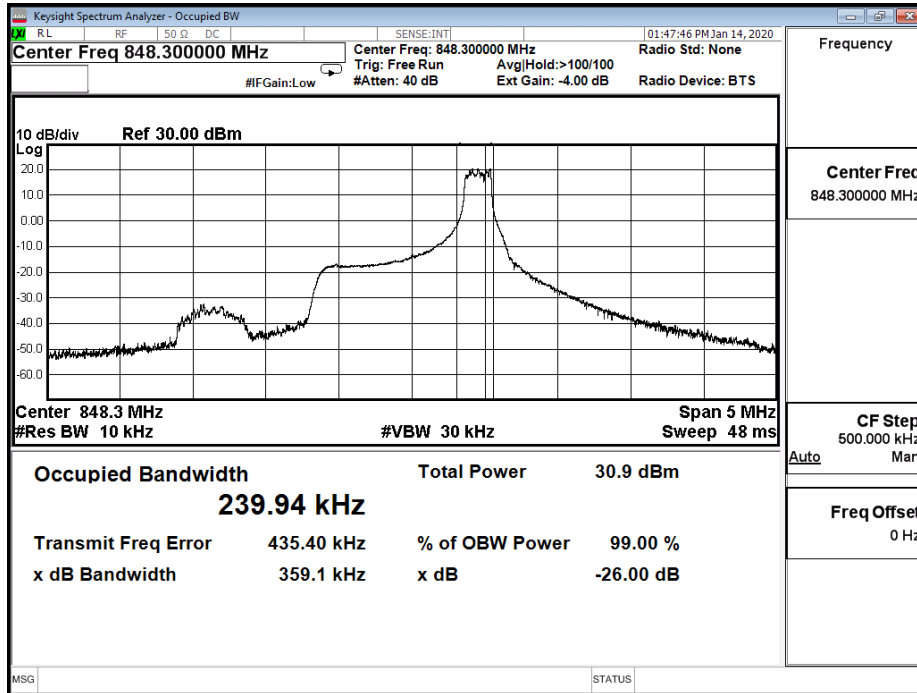
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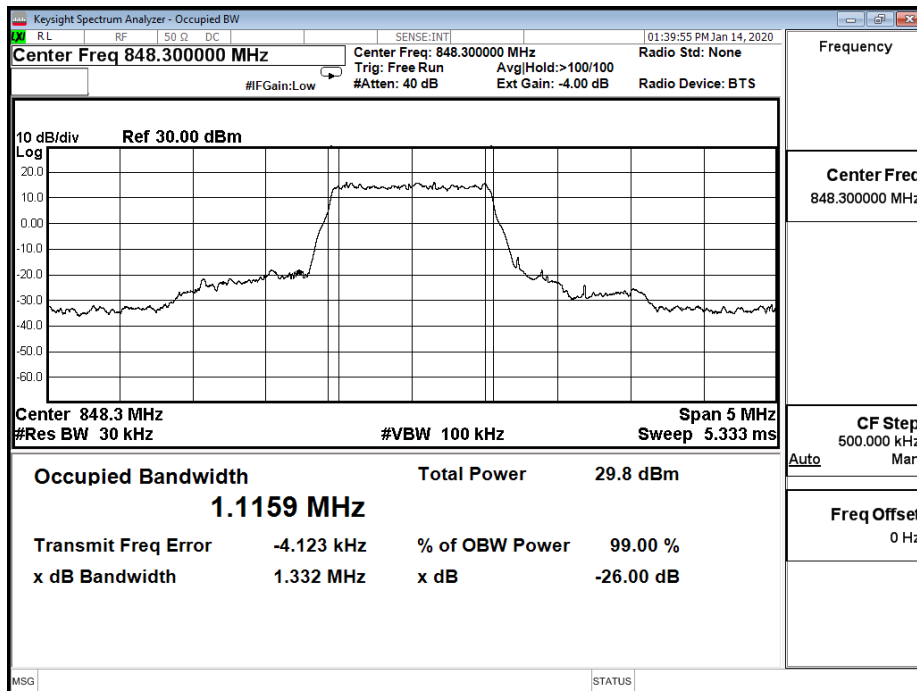
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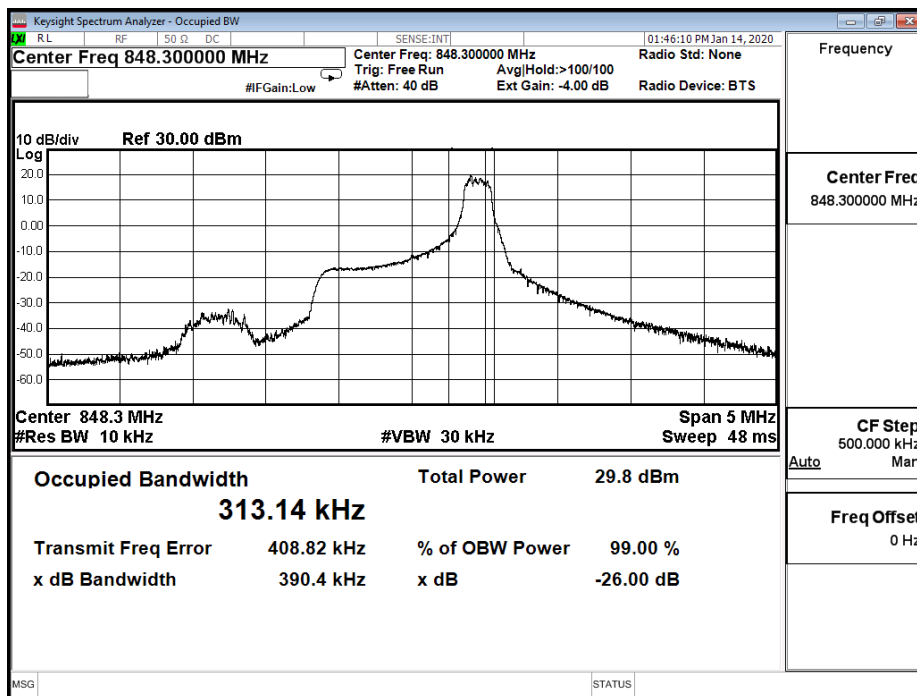
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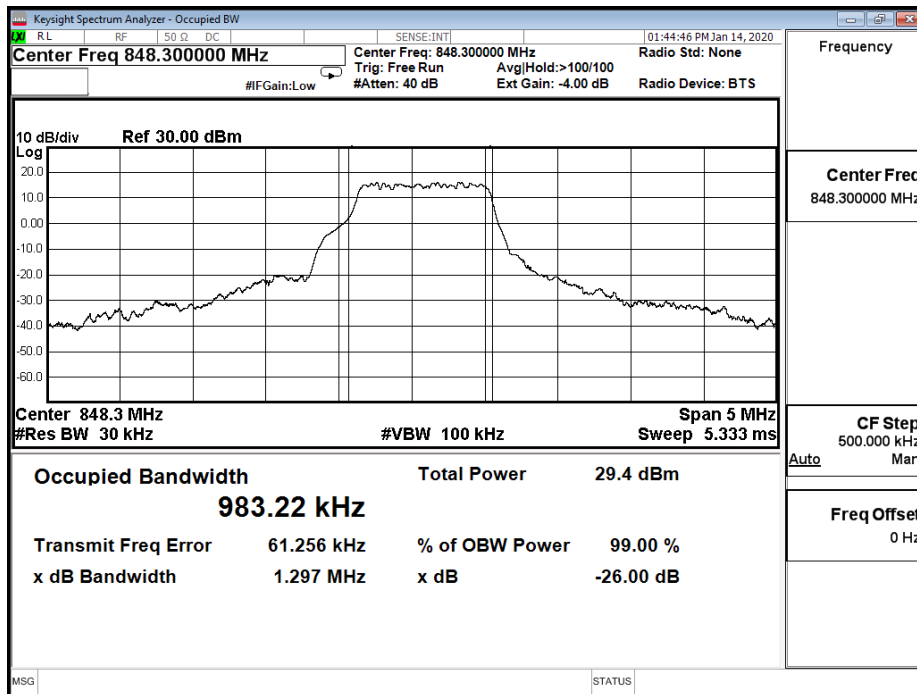
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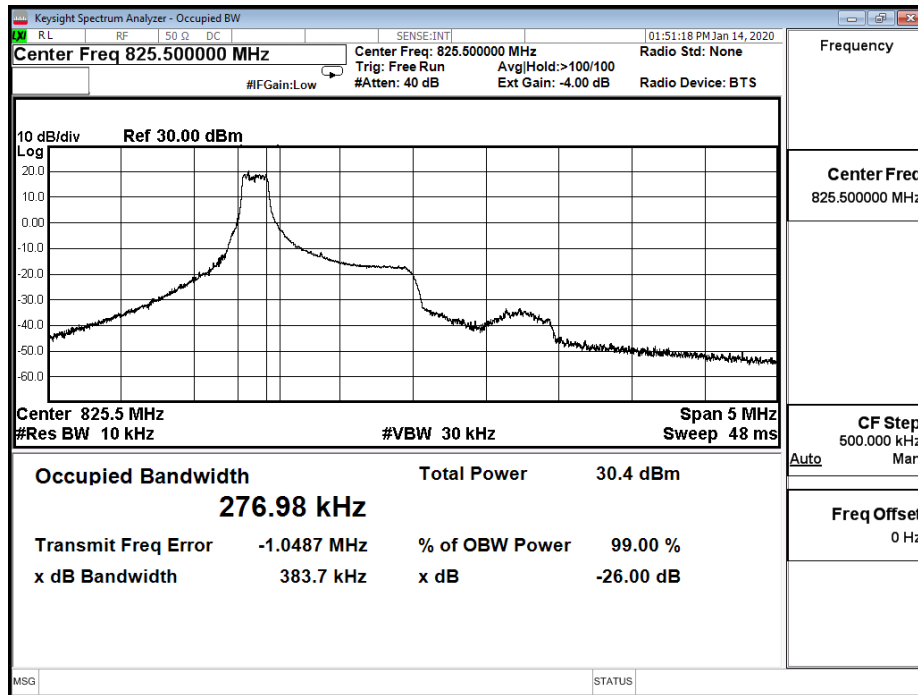
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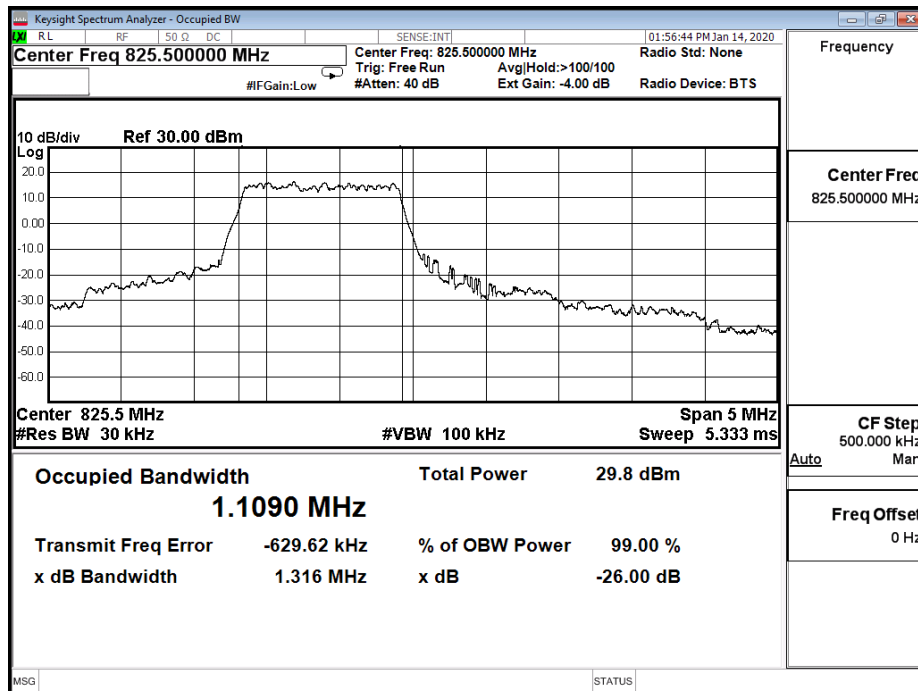
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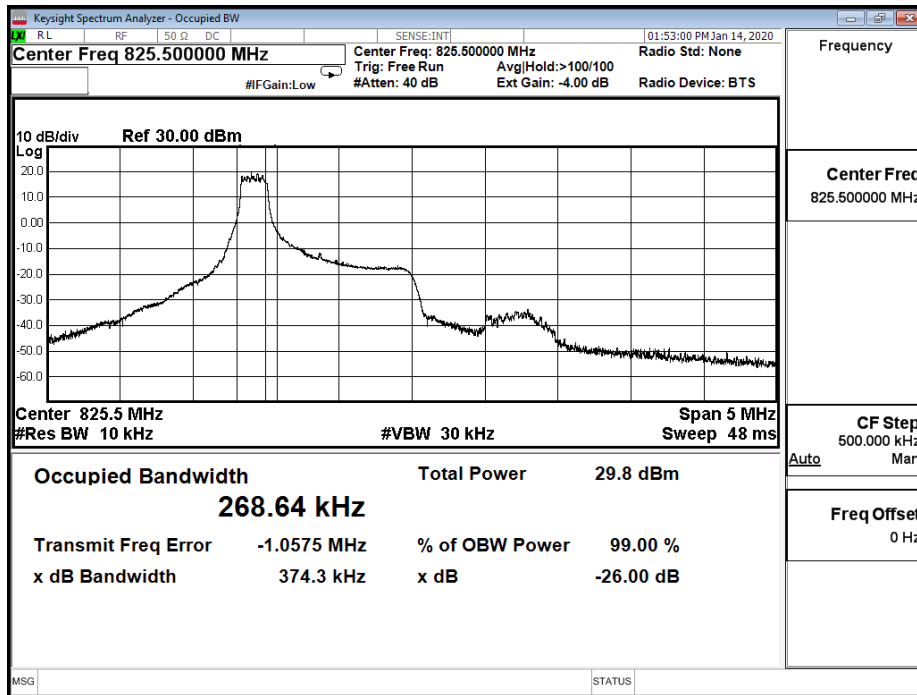
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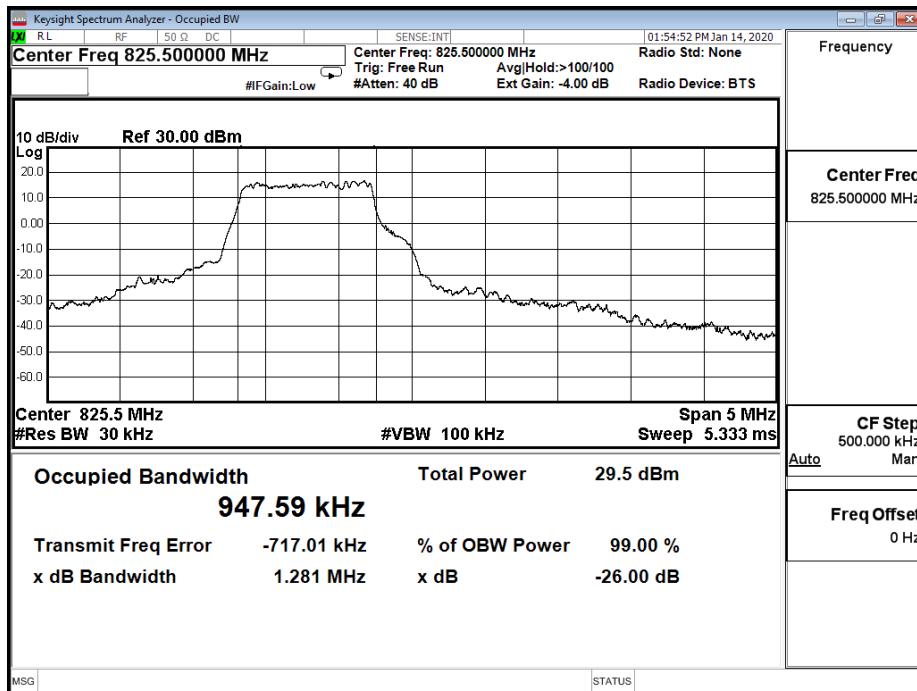
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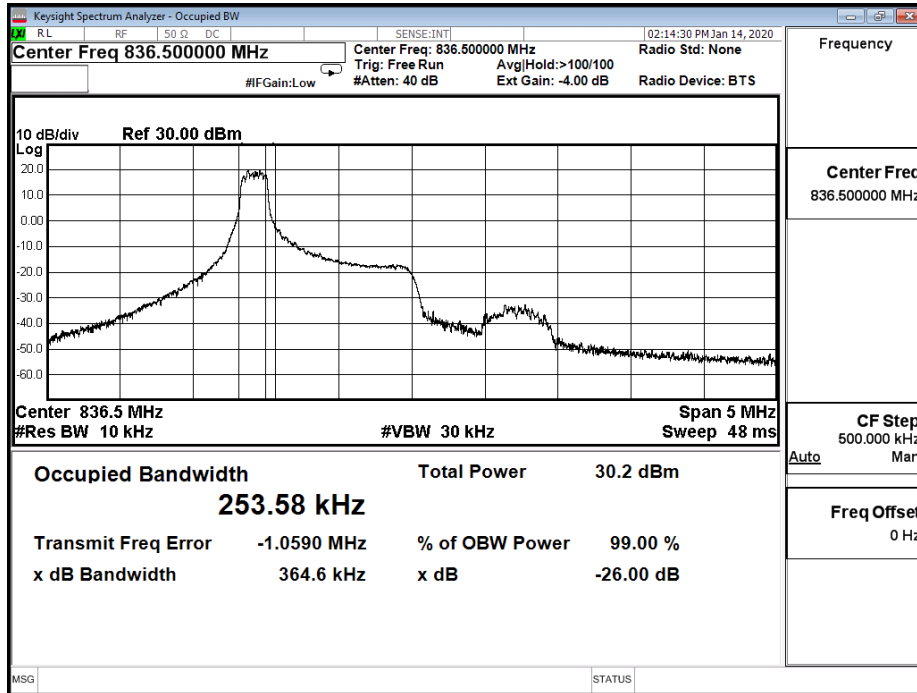
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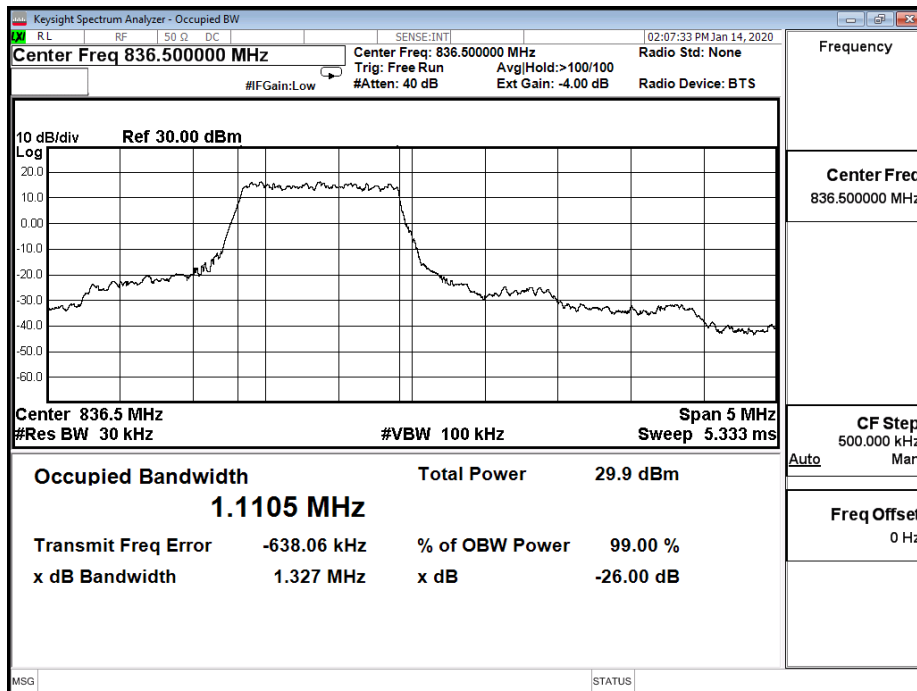
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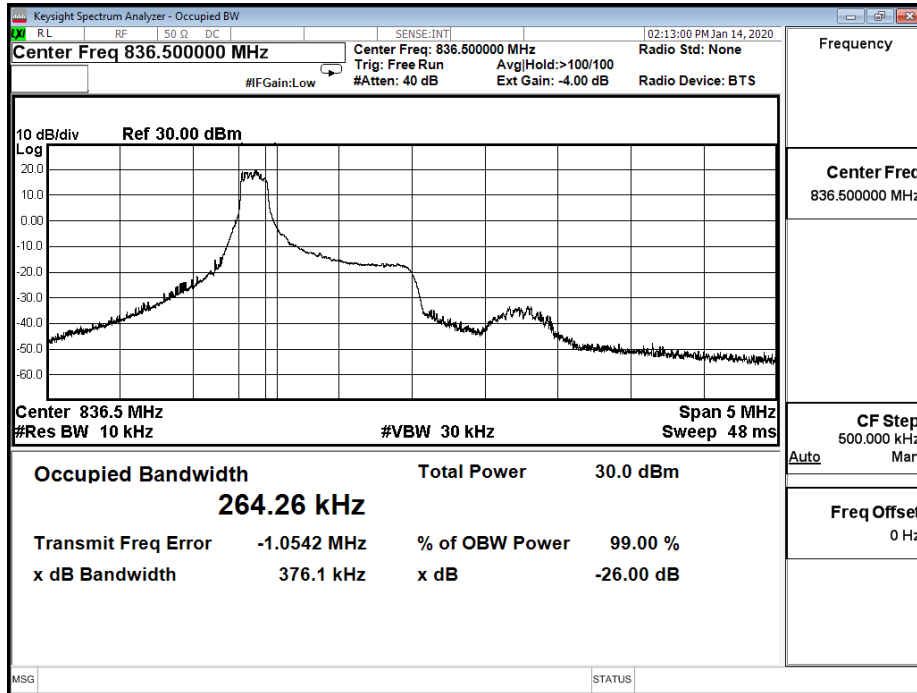
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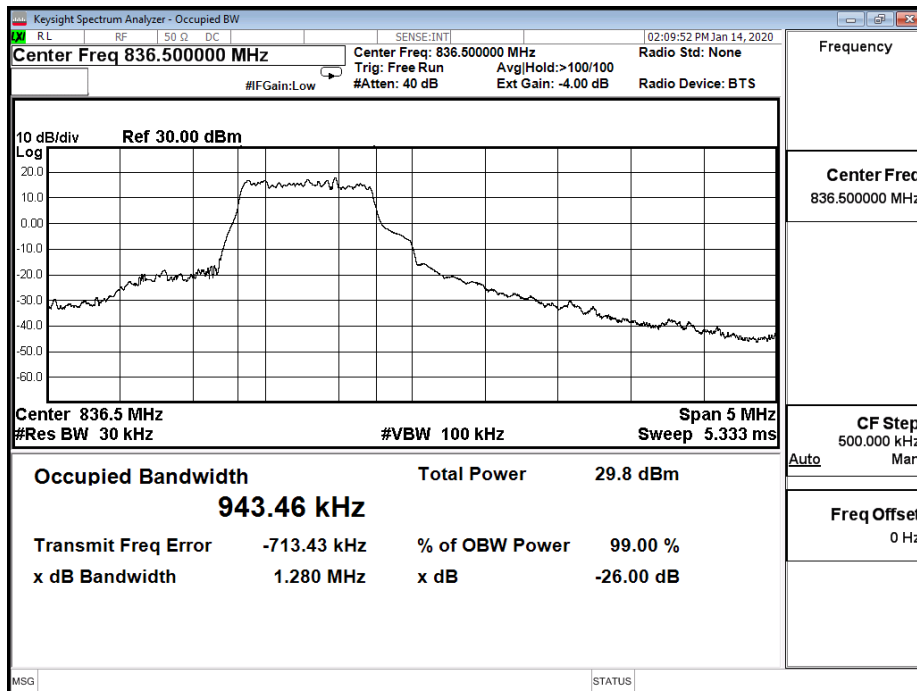
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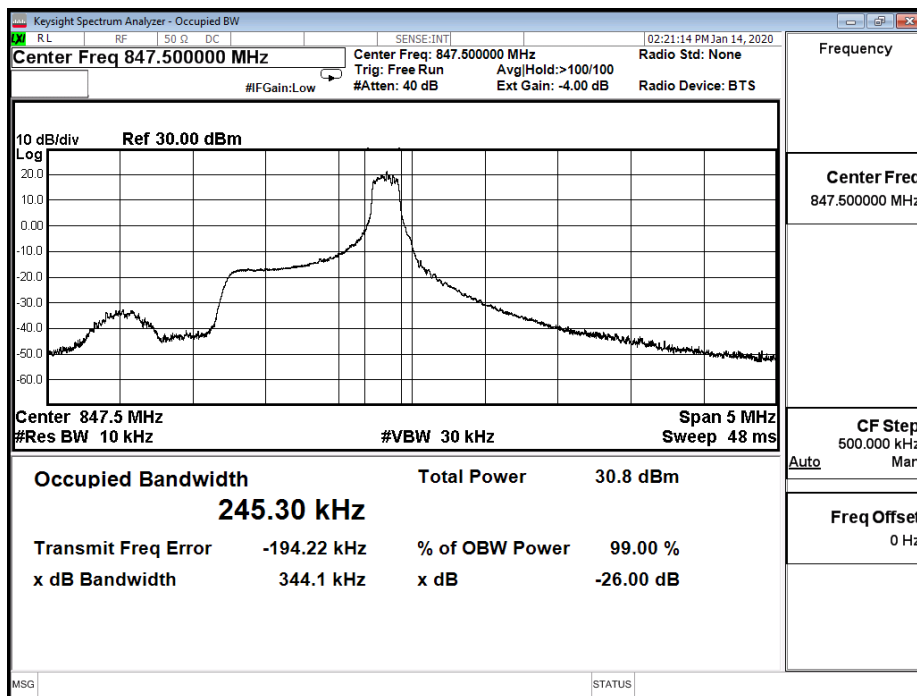
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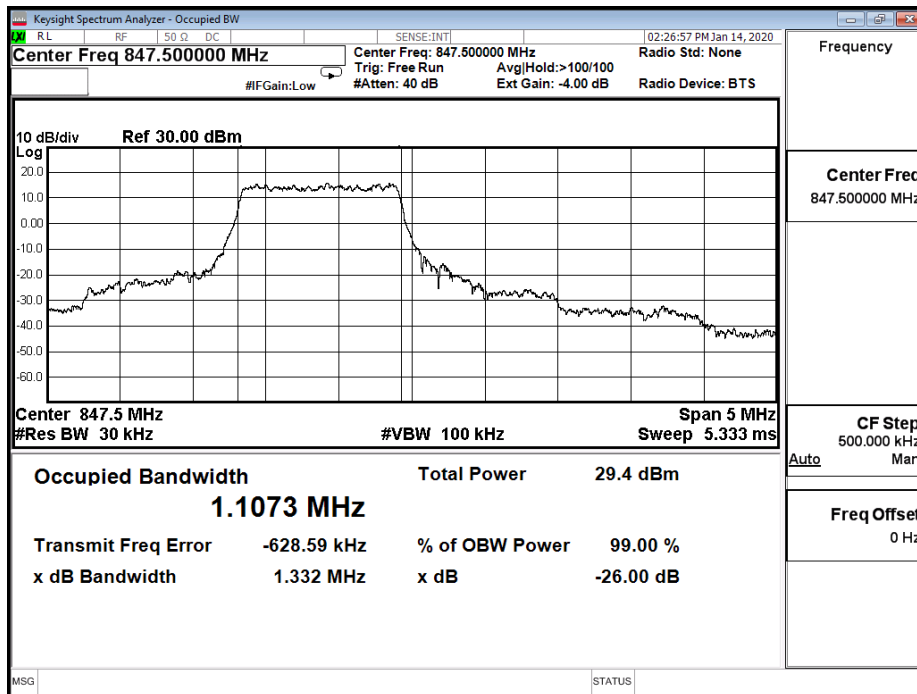
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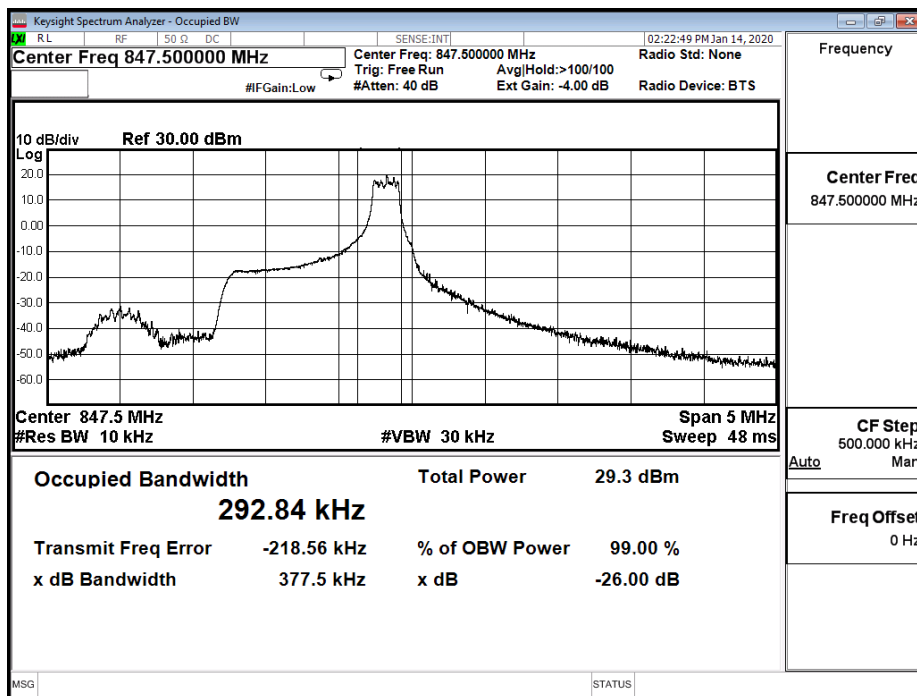
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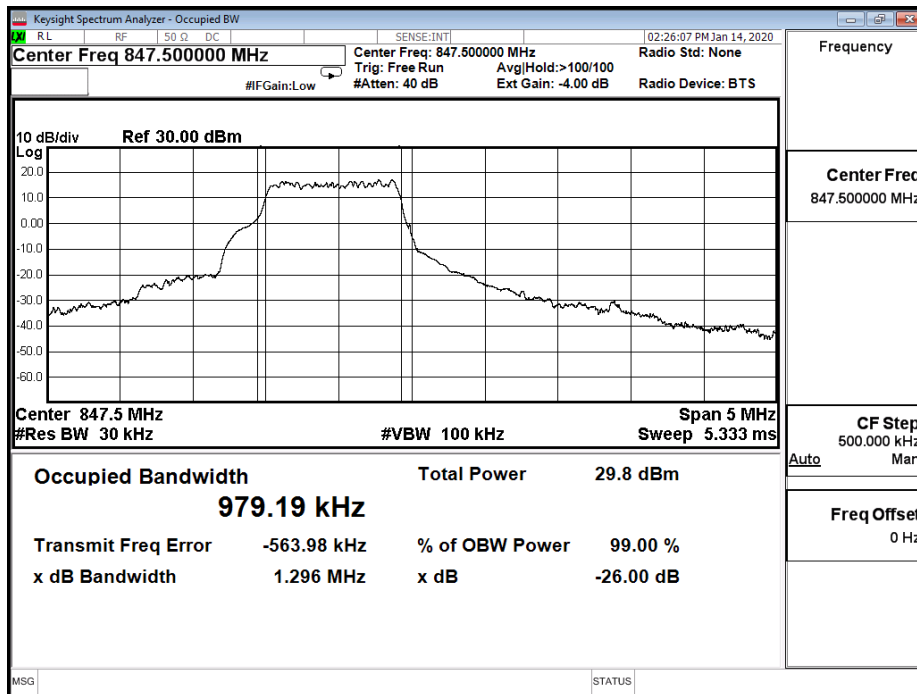
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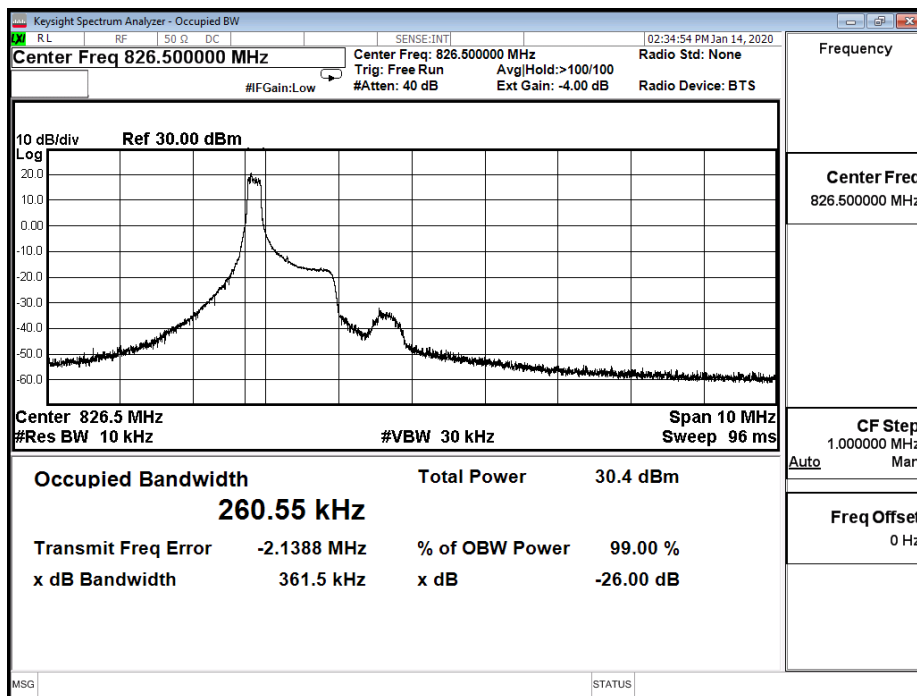
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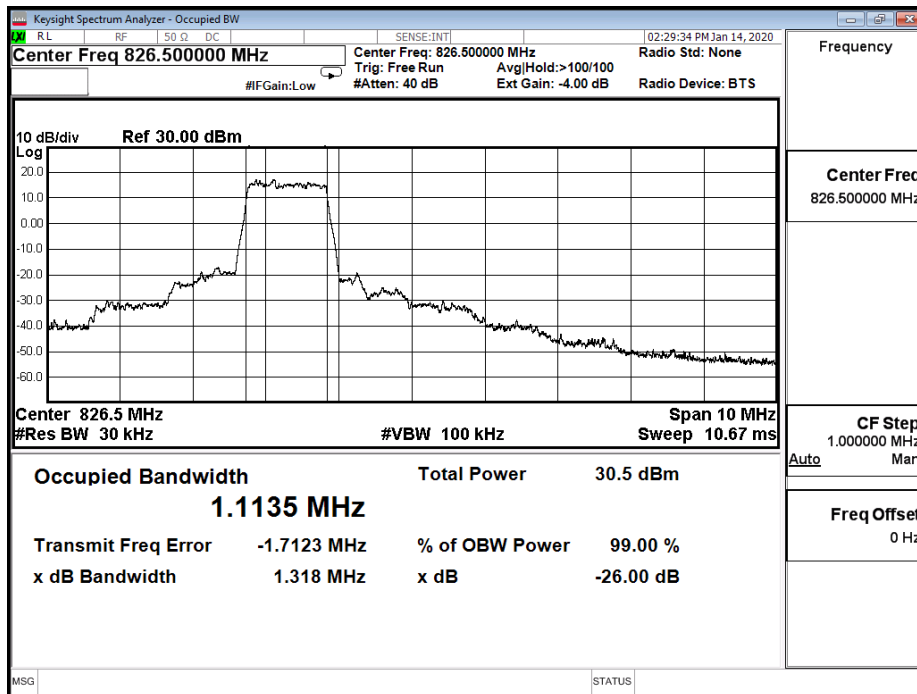
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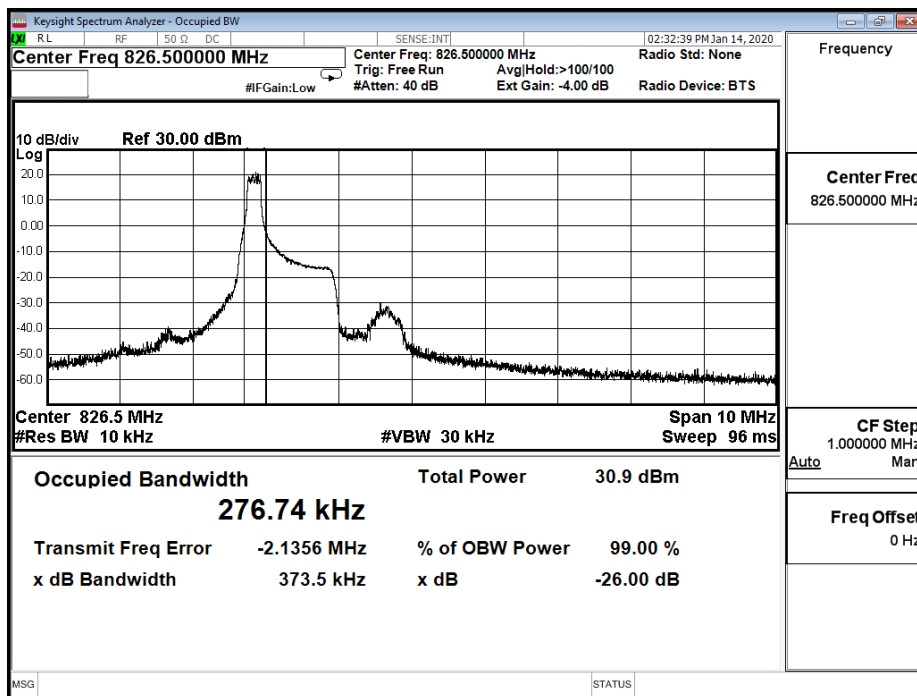
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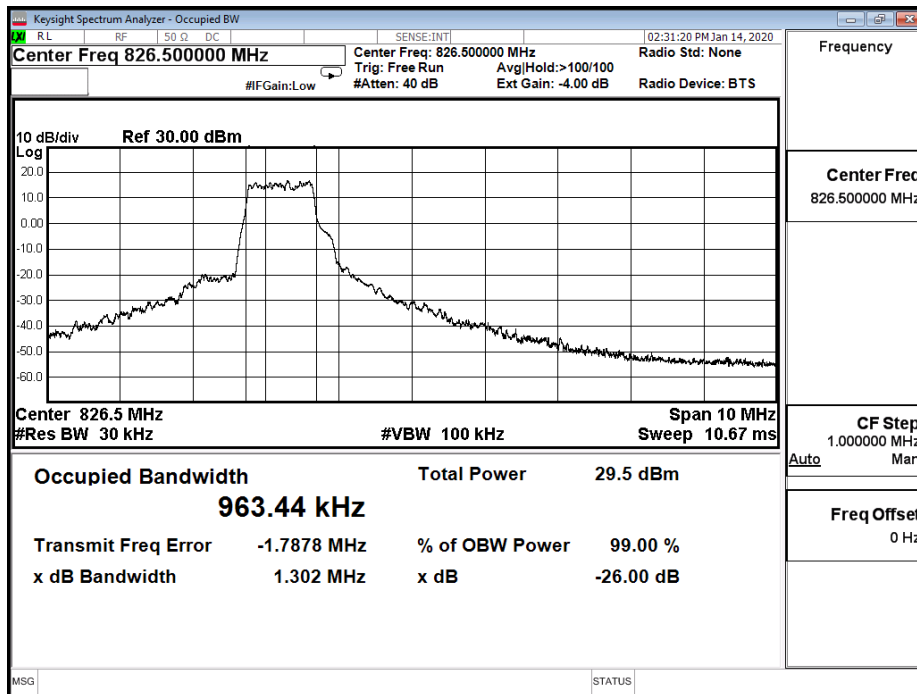
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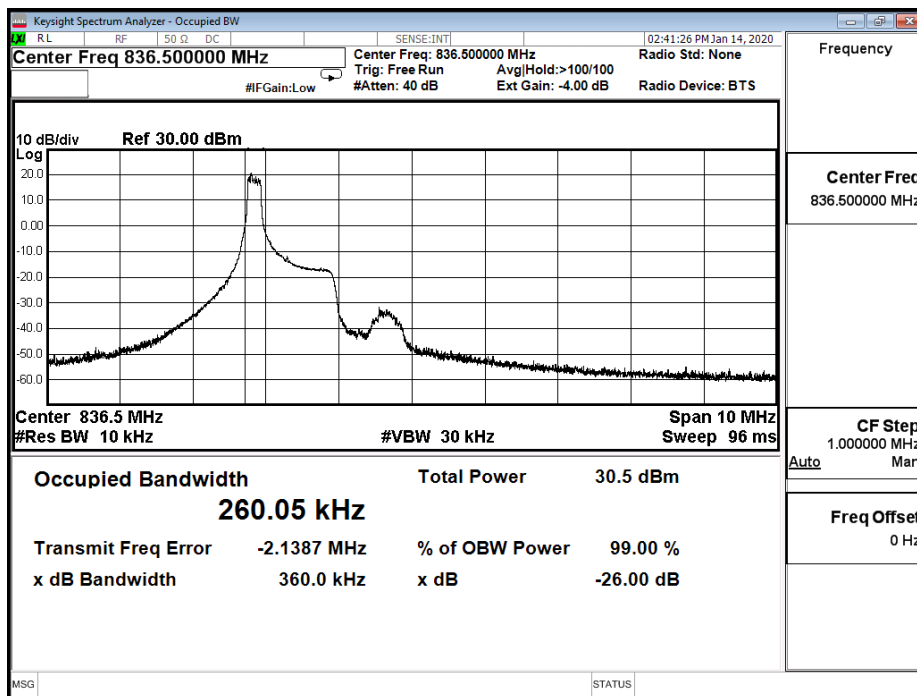
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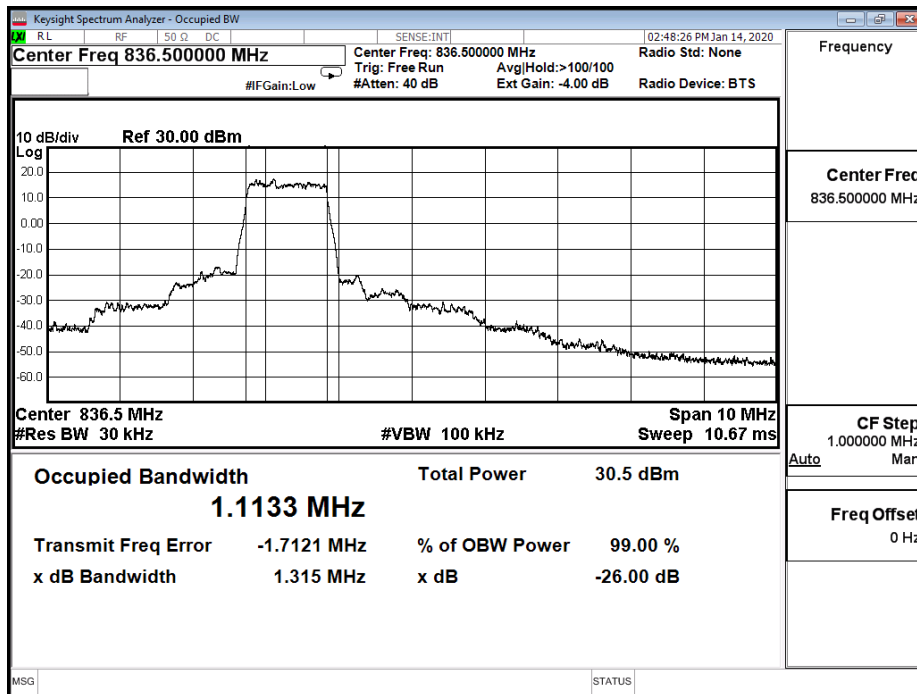
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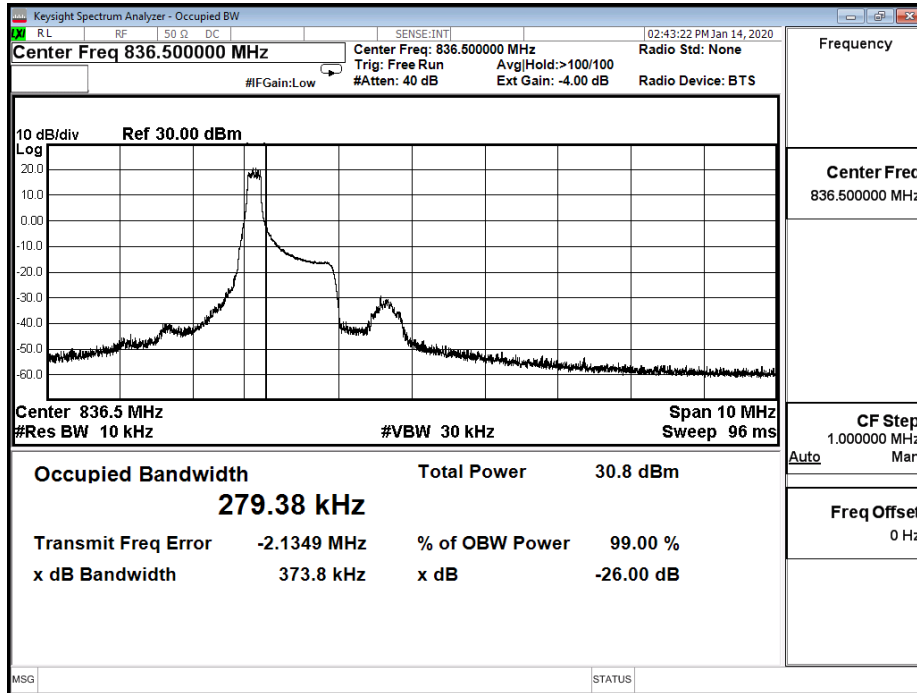
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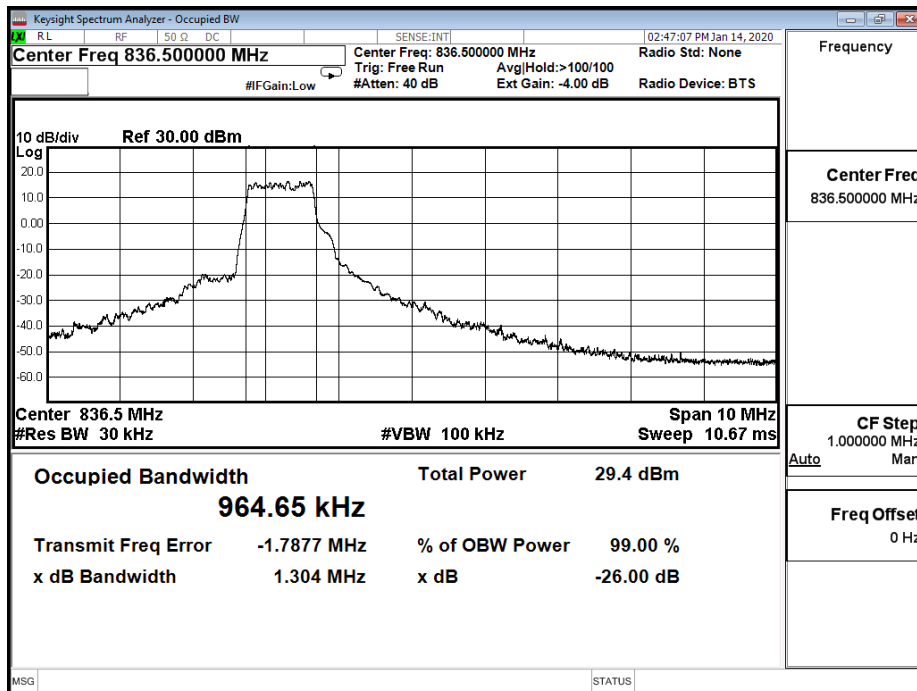
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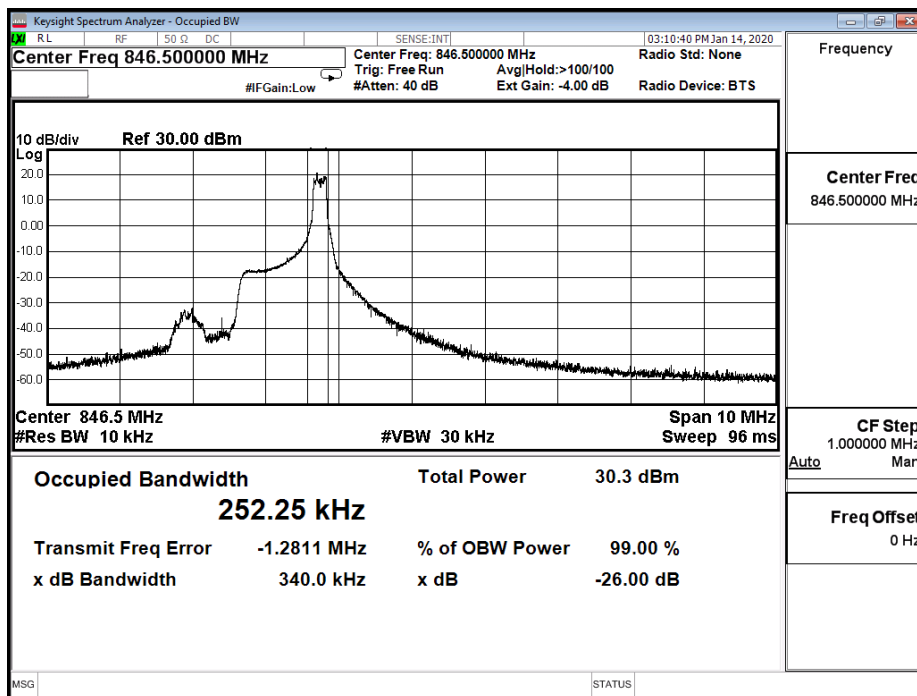
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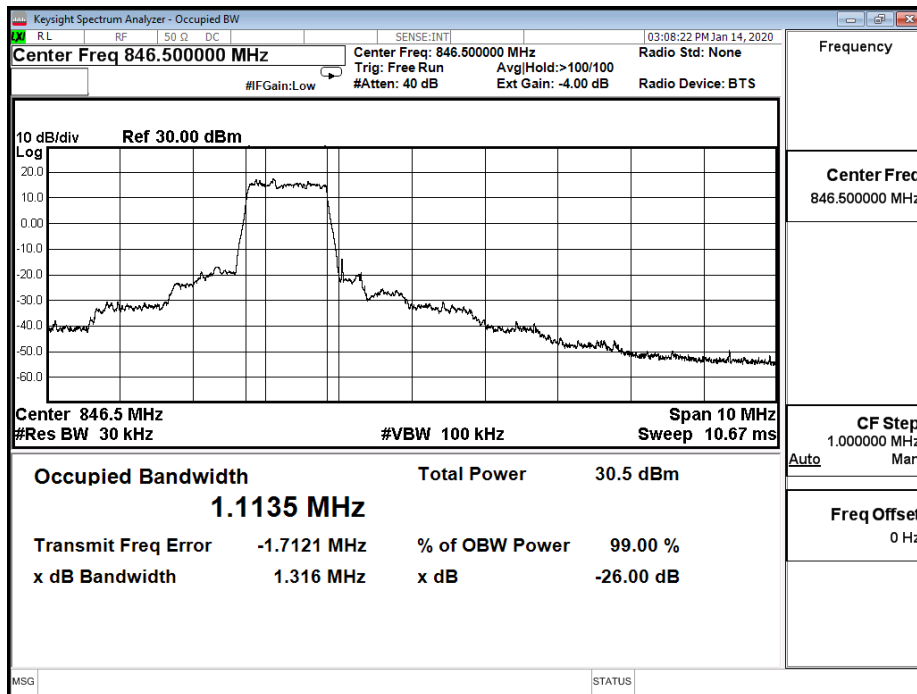
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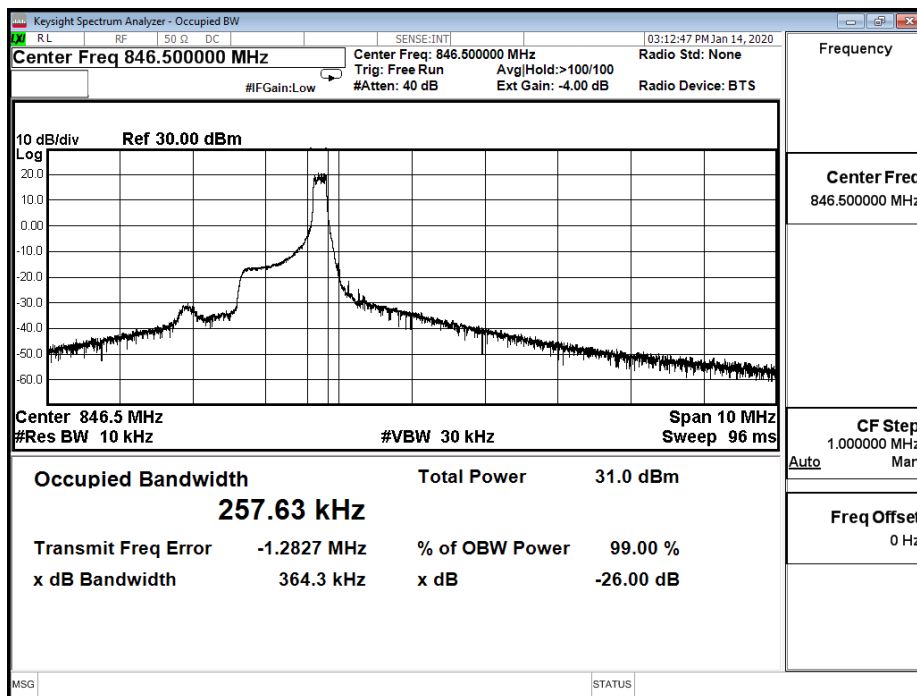
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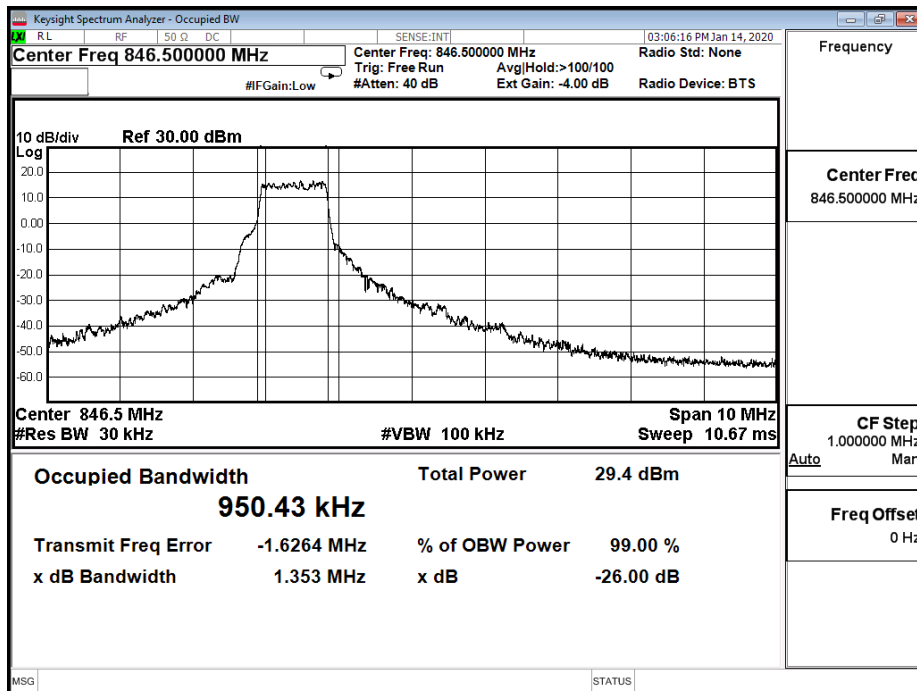
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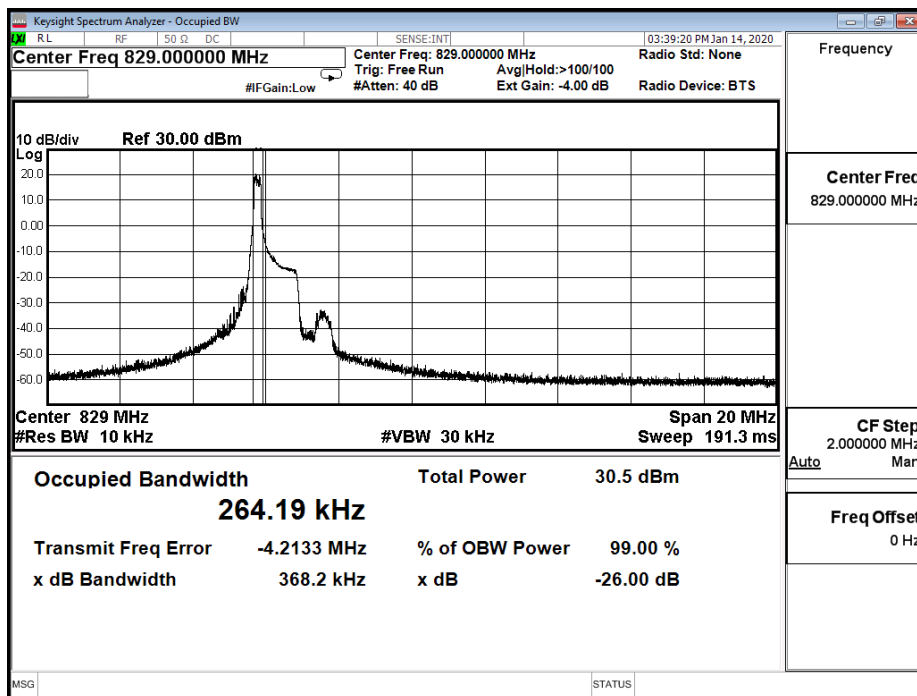
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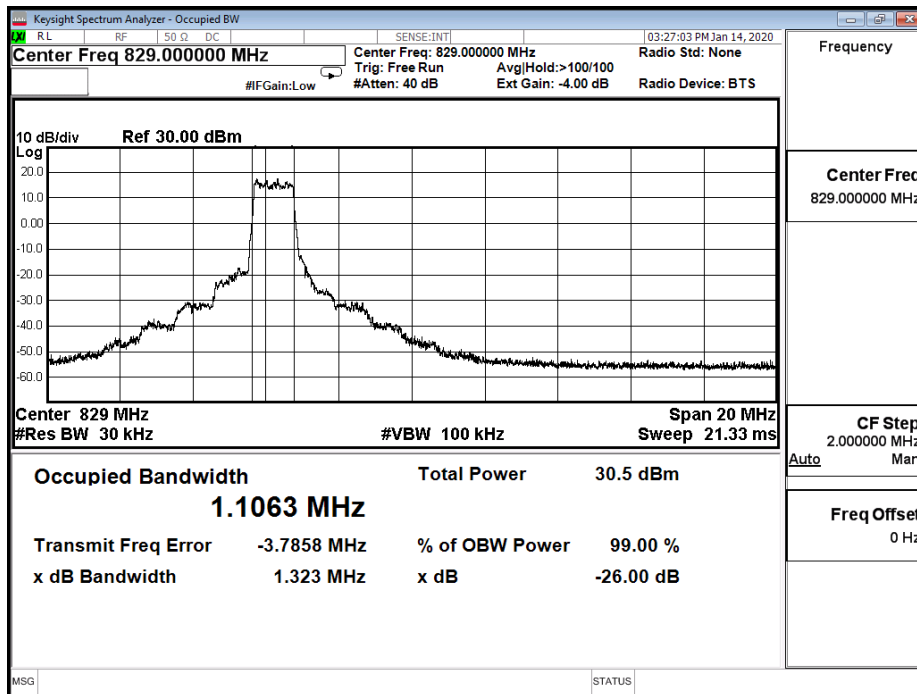
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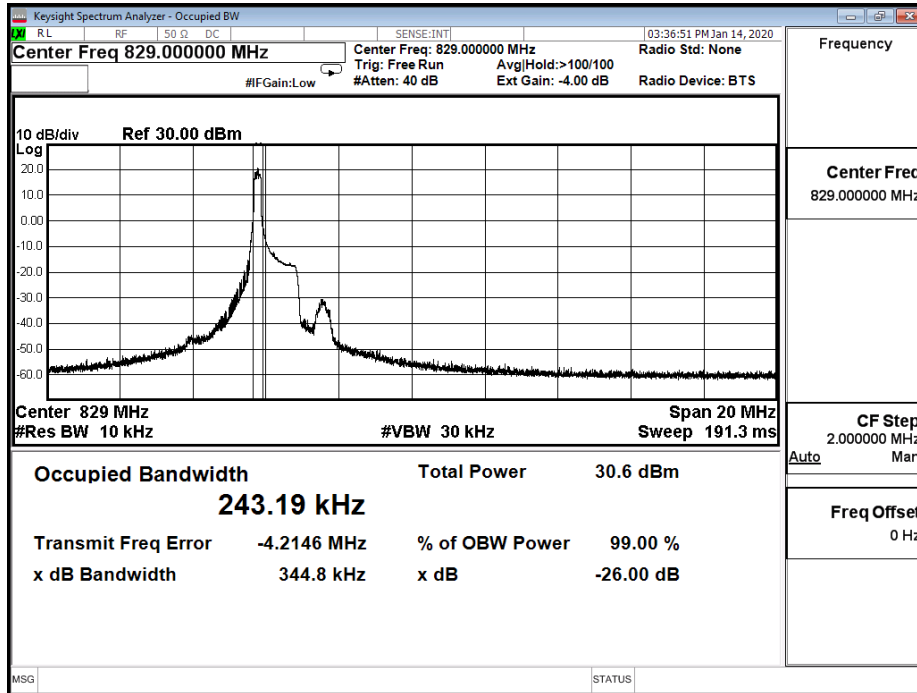
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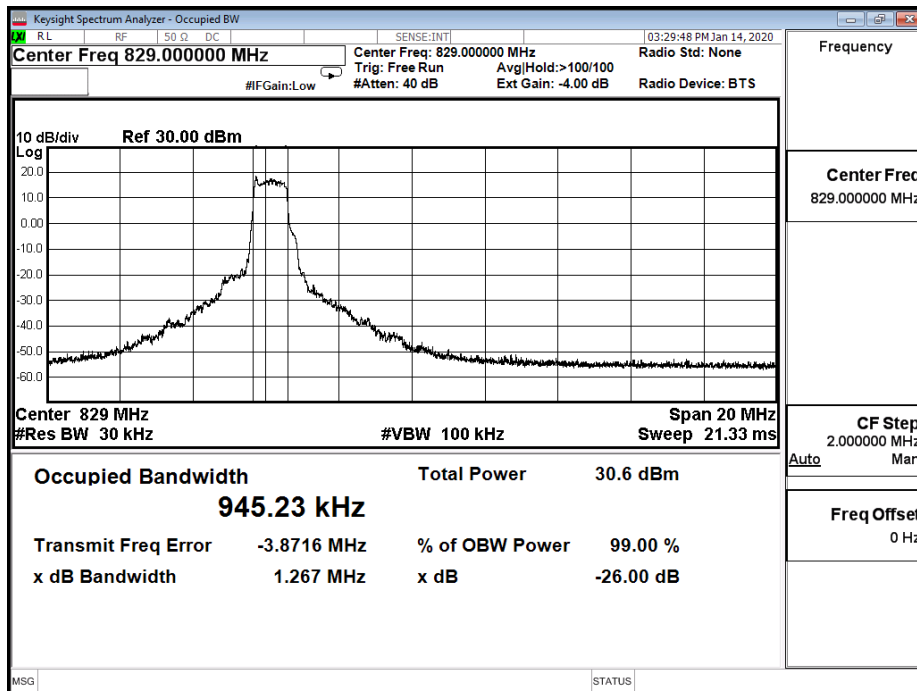
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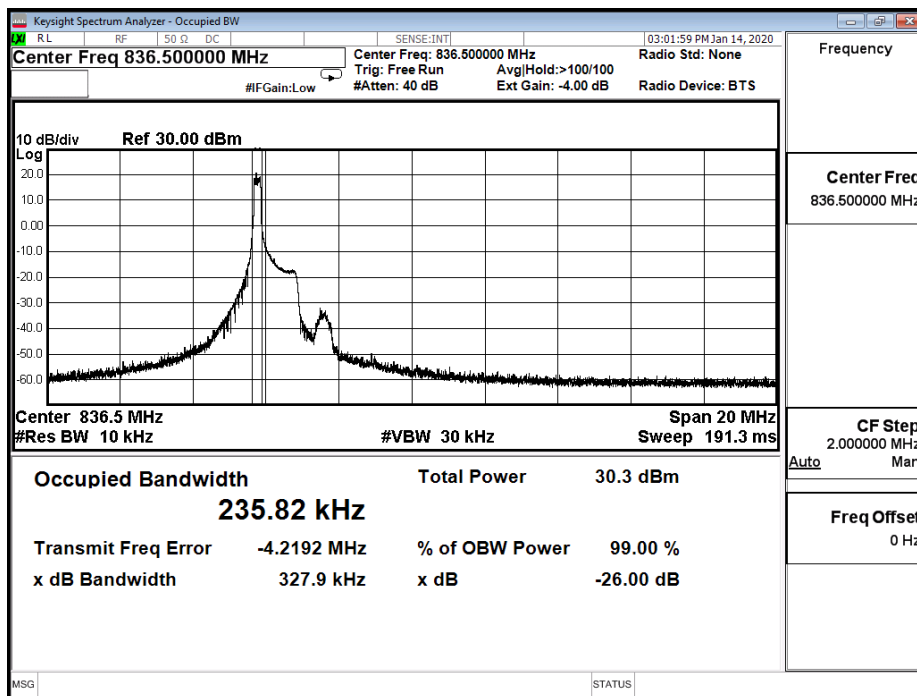
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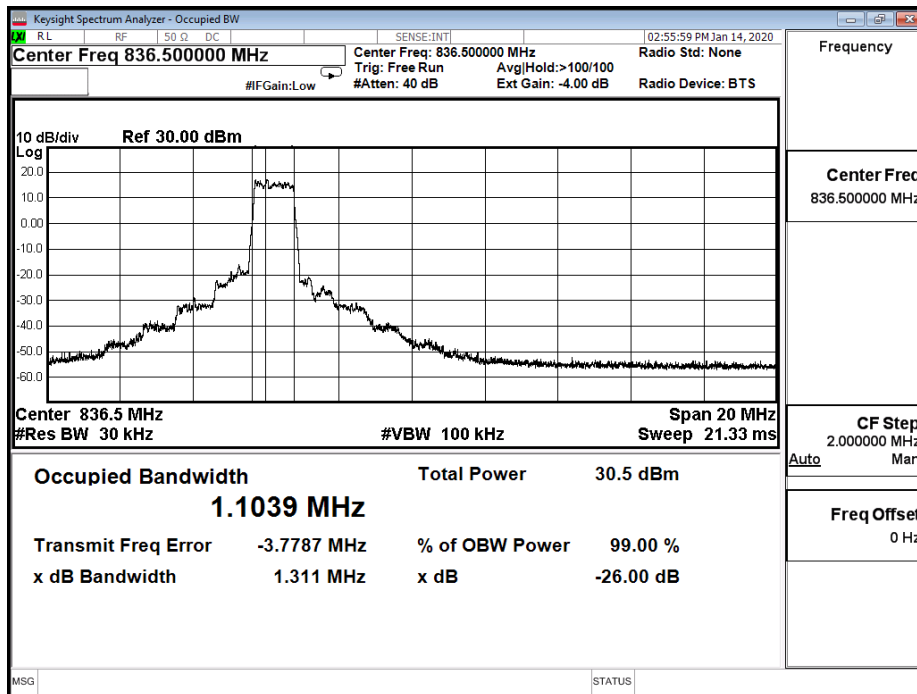
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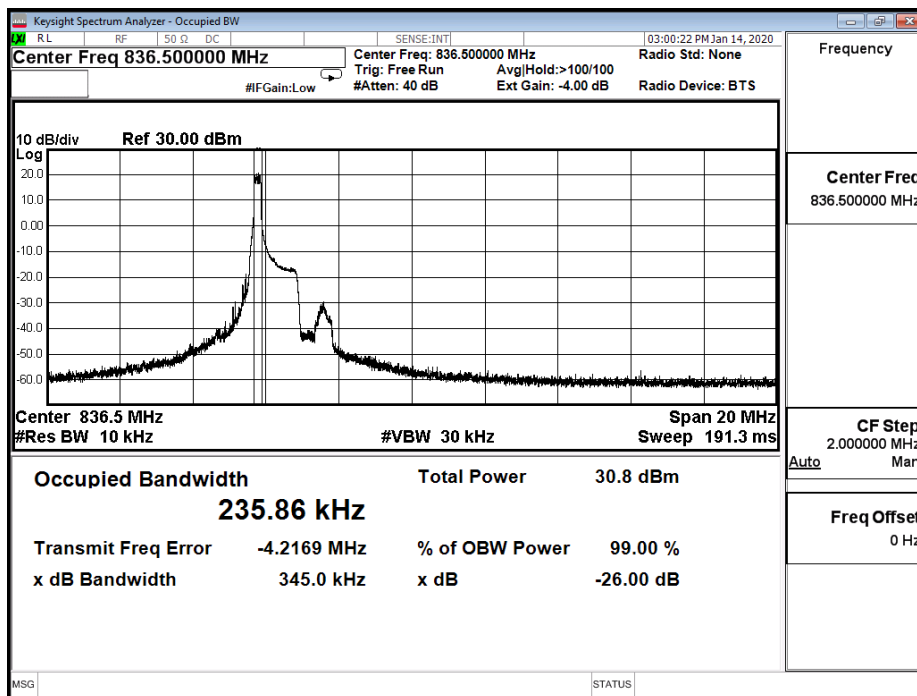
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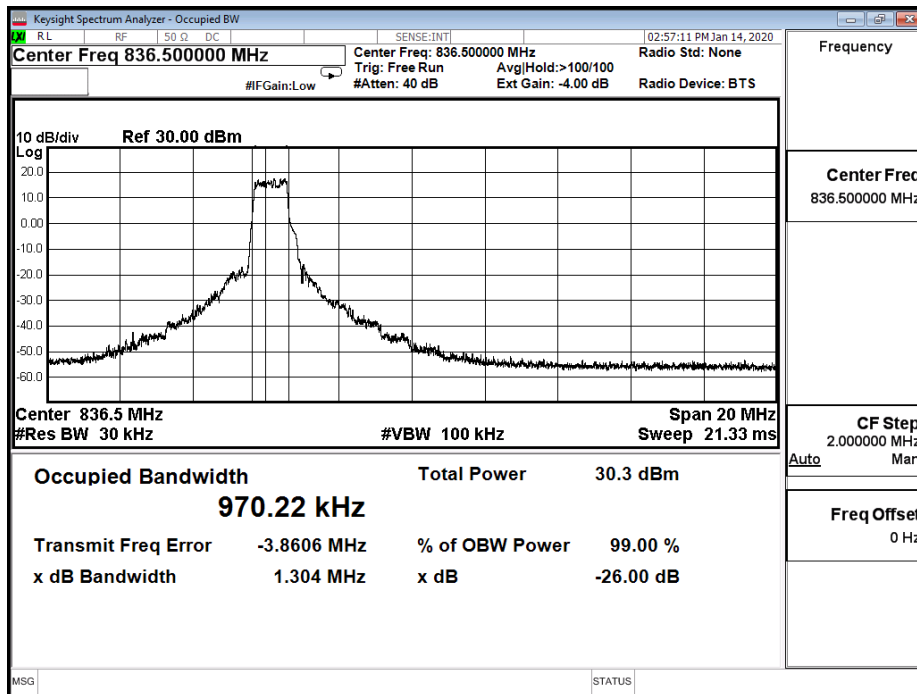
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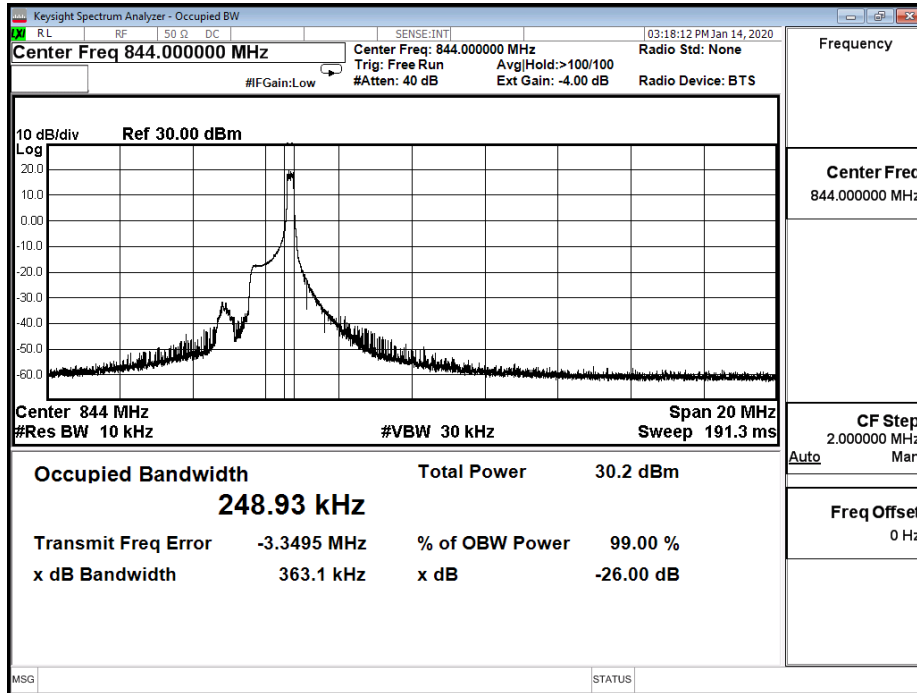
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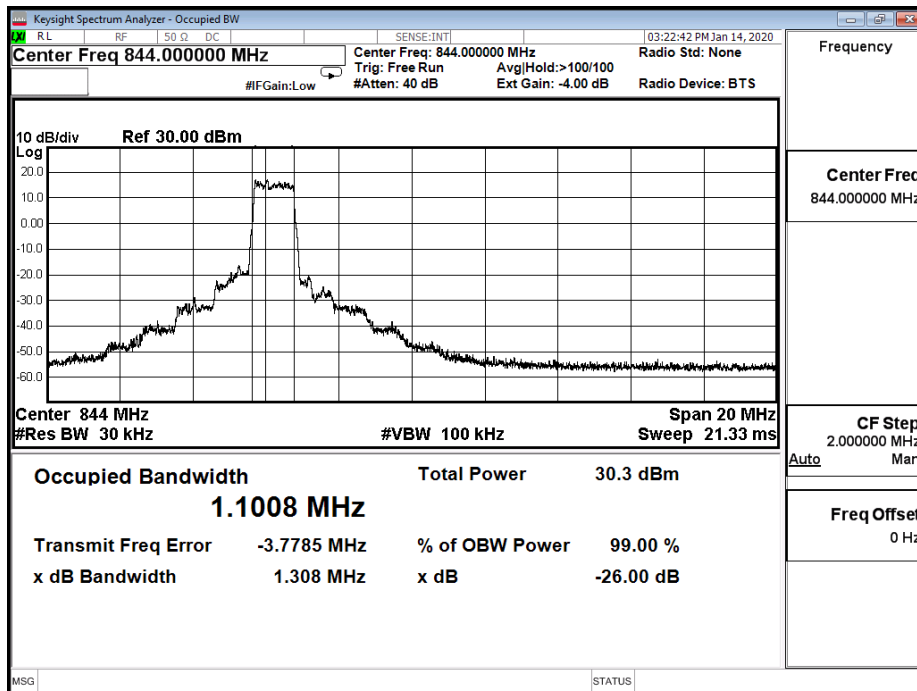
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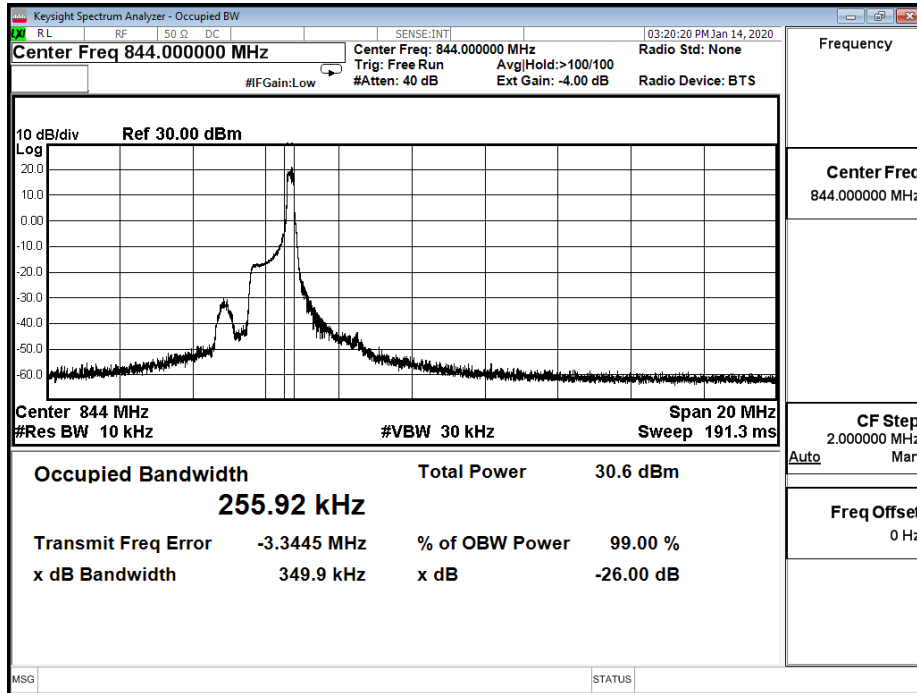
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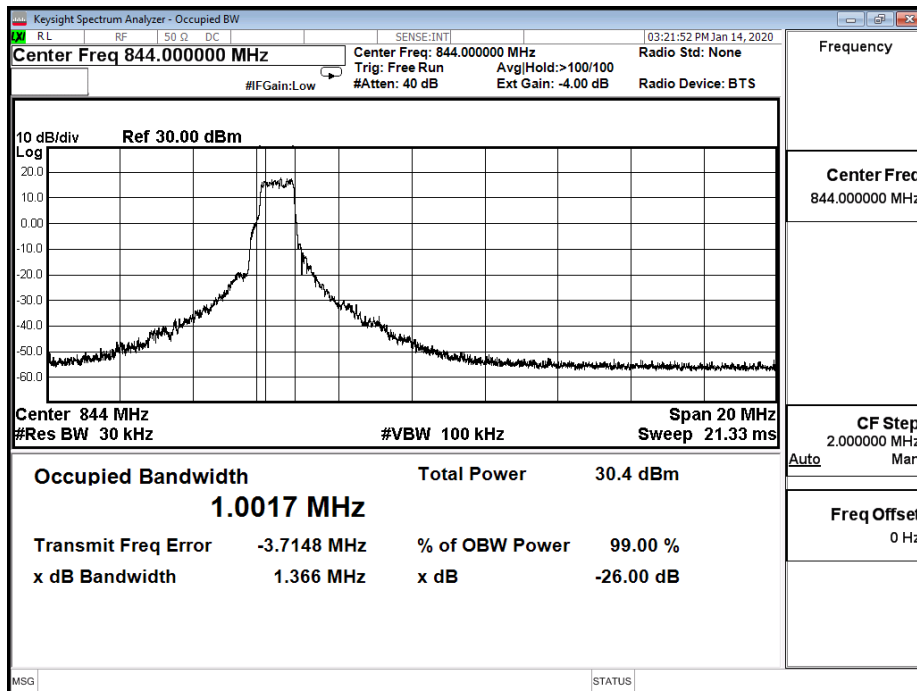
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B5_CH20600_10M_16-QAM_1RB5



B5_CH20600_10M_16-QAM_5RB1

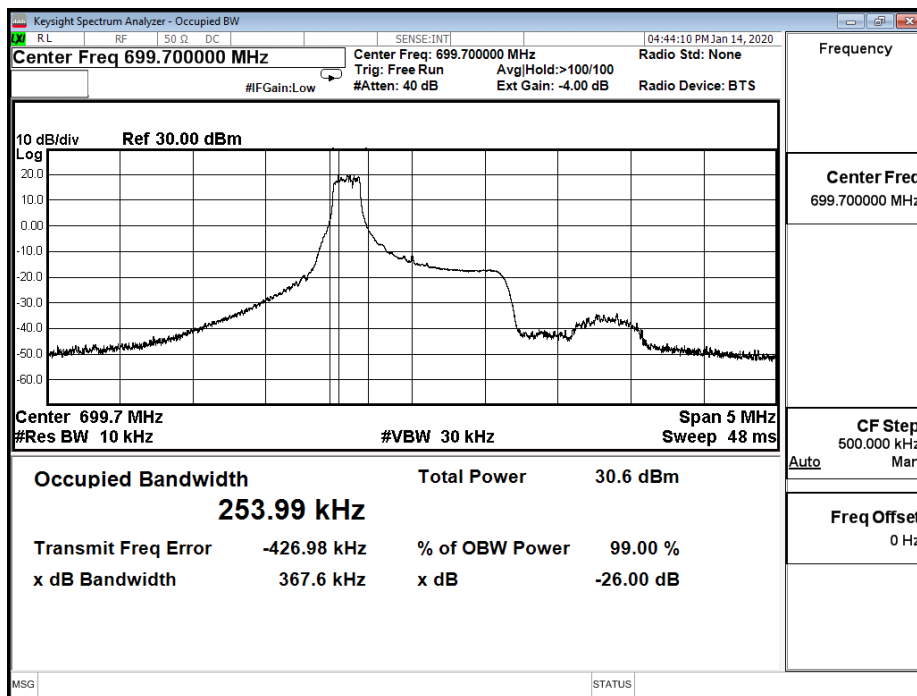


Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 4 : LTE Cat-M1_Band 12		
Date of Test	2020/01/14	Test Site	SR12-H
Temperature (°C)	21.0	Humidity (%RH)	59.0

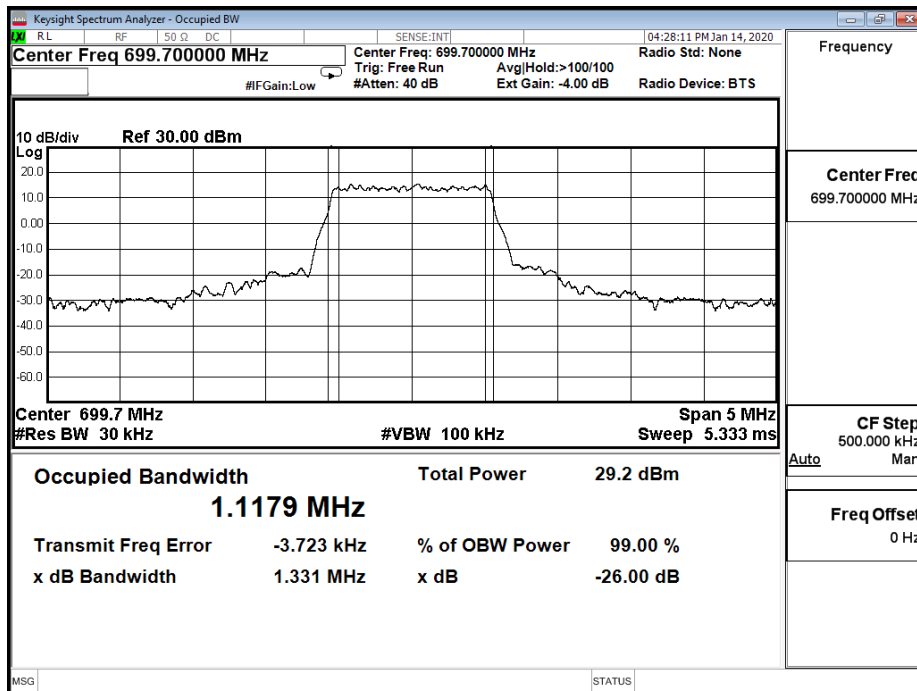
LTE Band 12_1RB Low/high					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	699.7	0.367	0.253	N/A
		707.5	0.370	0.257	N/A
		715.3	0.360	0.252	N/A
	16-QAM	699.7	0.355	0.267	N/A
		707.5	0.407	0.314	N/A
		715.3	0.363	0.290	N/A
3M	QPSK	700.5	0.380	0.280	N/A
		707.5	0.367	0.259	N/A
		714.5	0.359	0.268	N/A
	16-QAM	700.5	0.378	0.268	N/A
		707.5	0.350	0.266	N/A
		714.5	0.414	0.344	N/A
5M	QPSK	710.5	0.353	0.259	N/A
		707.5	0.351	0.261	N/A
		713.5	0.352	0.249	N/A
	16-QAM	710.5	0.377	0.281	N/A
		707.5	0.377	0.279	N/A
		713.5	0.365	0.272	N/A
10M	QPSK	704.0	0.318	0.238	N/A
		707.5	0.317	0.233	N/A
		711.0	0.356	0.248	N/A
	16-QAM	704.0	0.340	0.232	N/A
		707.5	0.335	0.235	N/A
		711.0	0.367	0.253	N/A

LTE Band 12_Full RB					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	699.7	1.331	1.117	N/A
		707.5	1.301	1.101	N/A
		715.3	1.337	1.110	N/A
	16-QAM	699.7	1.292	0.965	N/A
		707.5	1.289	0.956	N/A
		715.3	1.294	0.999	N/A
3M	QPSK	700.5	1.319	1.109	N/A
		707.5	1.344	1.109	N/A
		714.5	1.317	1.108	N/A
	16-QAM	700.5	1.281	0.949	N/A
		707.5	1.314	0.972	N/A
		714.5	1.274	0.960	N/A
5M	QPSK	710.5	1.310	1.114	N/A
		707.5	1.309	1.115	N/A
		713.5	1.308	1.101	N/A
	16-QAM	710.5	1.302	0.968	N/A
		707.5	1.308	0.970	N/A
		713.5	1.293	1.001	N/A
10M	QPSK	704.0	1.315	1.105	N/A
		707.5	1.311	1.104	N/A
		711.0	1.314	1.105	N/A
	16-QAM	704.0	1.304	0.971	N/A
		707.5	1.304	0.972	N/A
		711.0	1.380	1.010	N/A

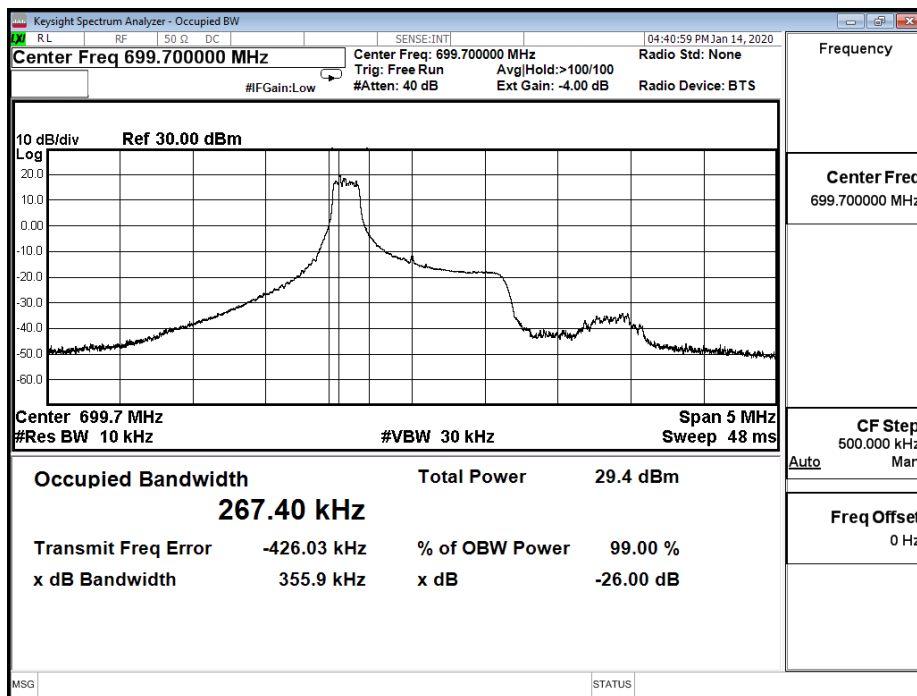
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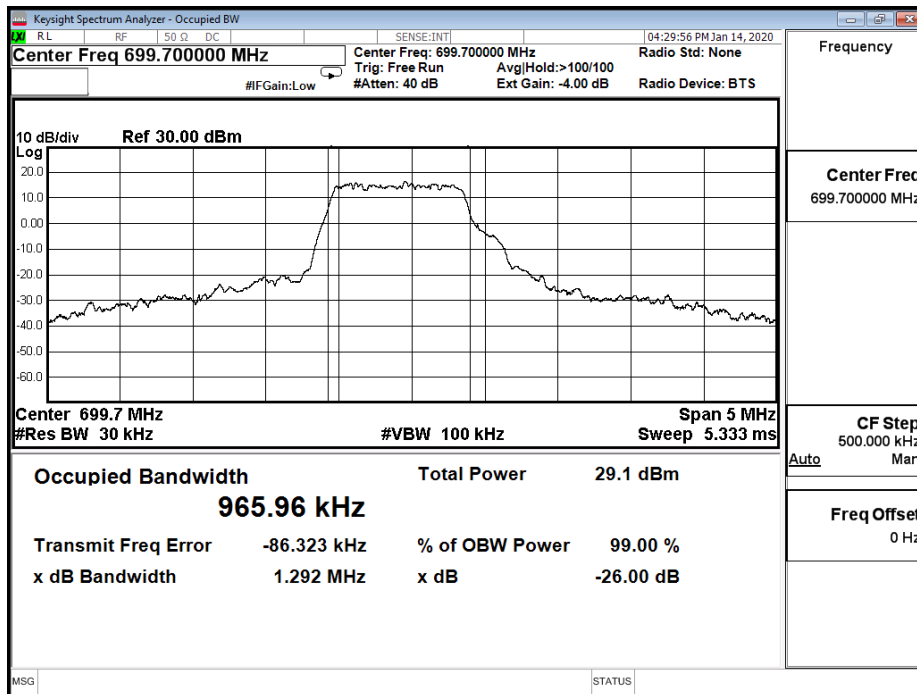
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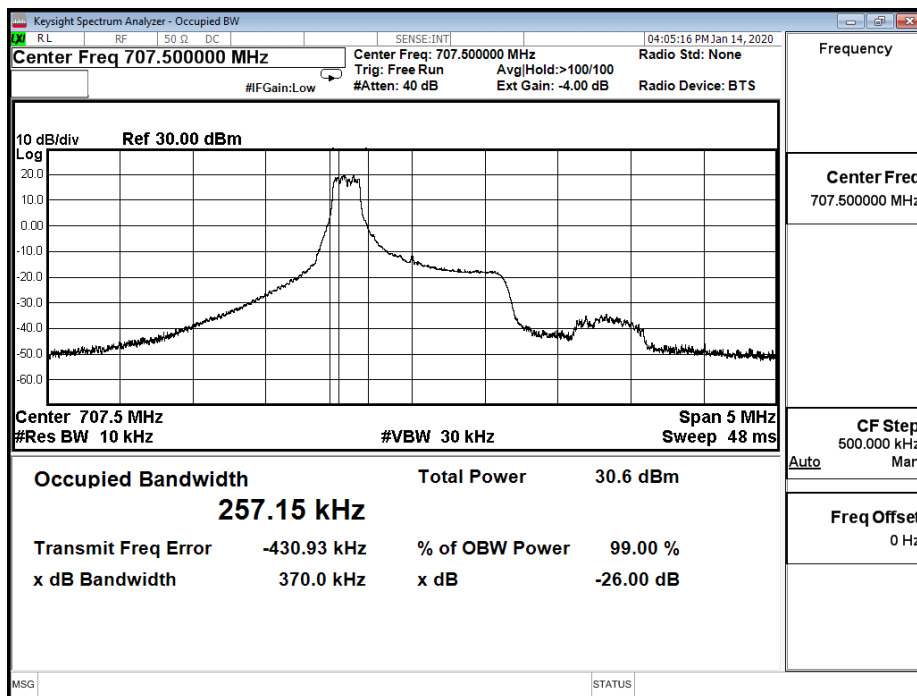
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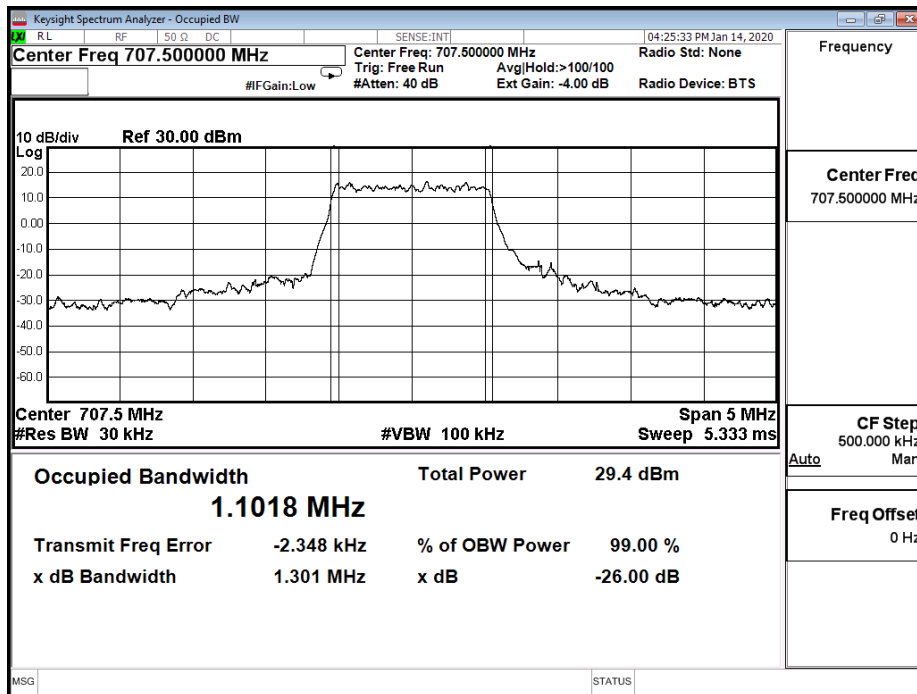
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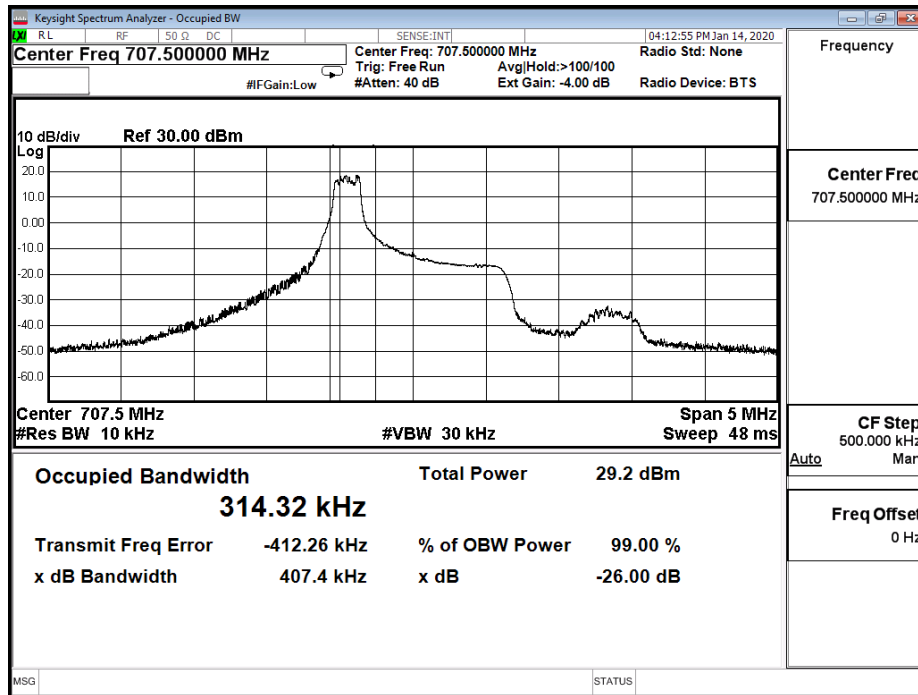
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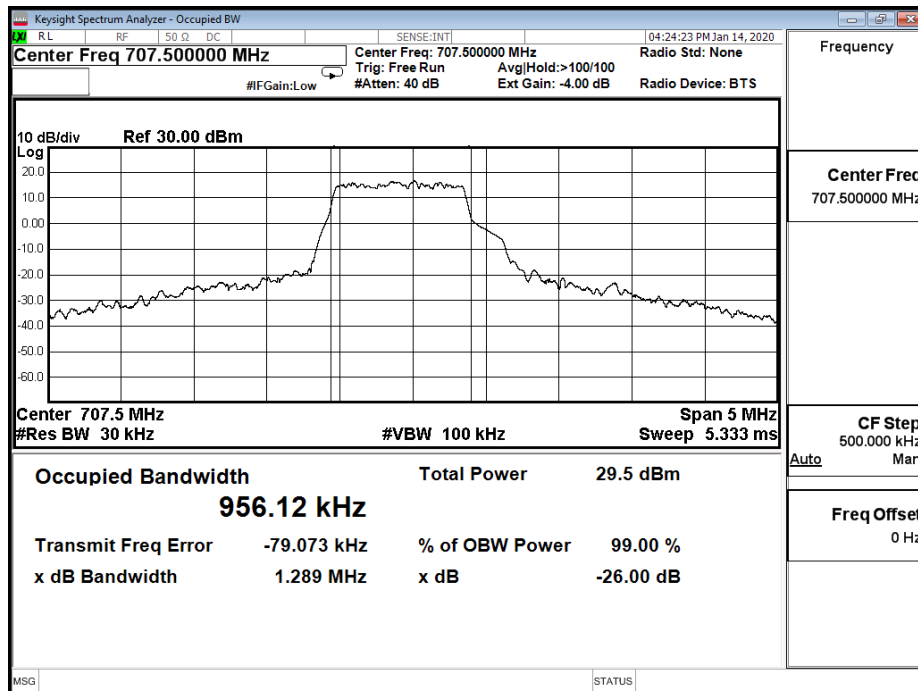
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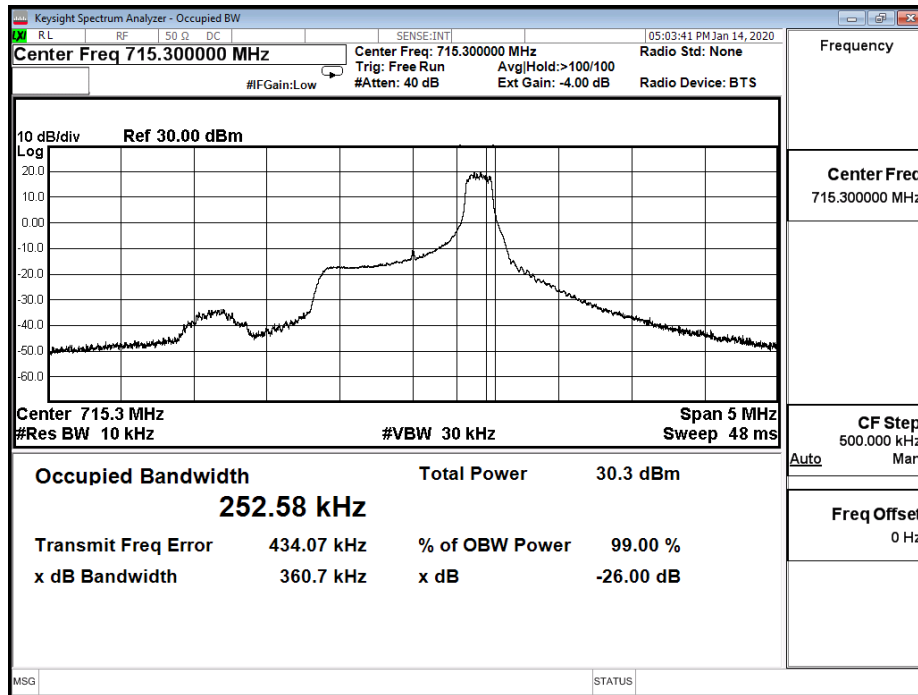
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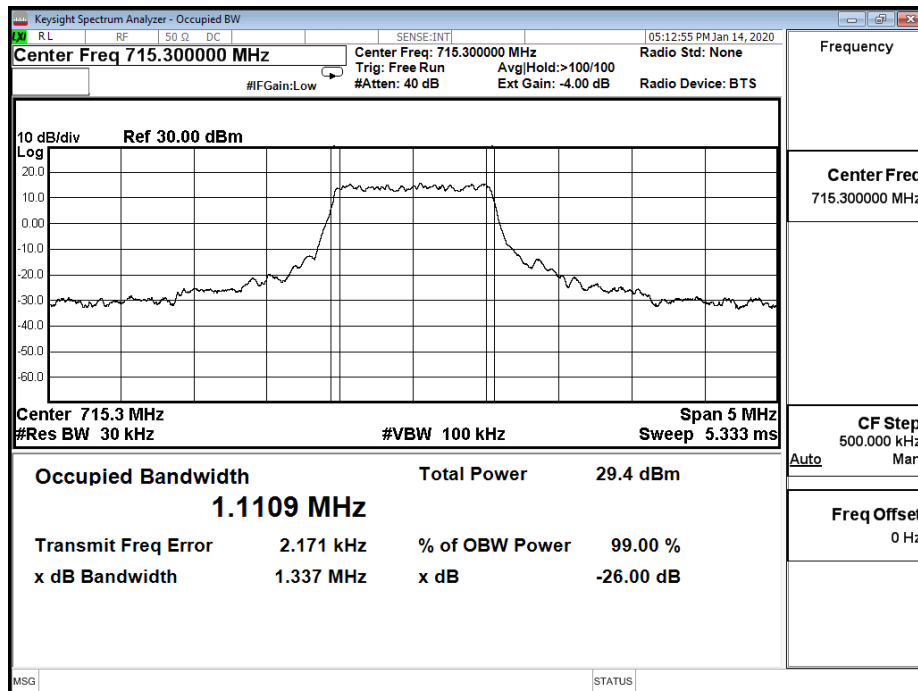
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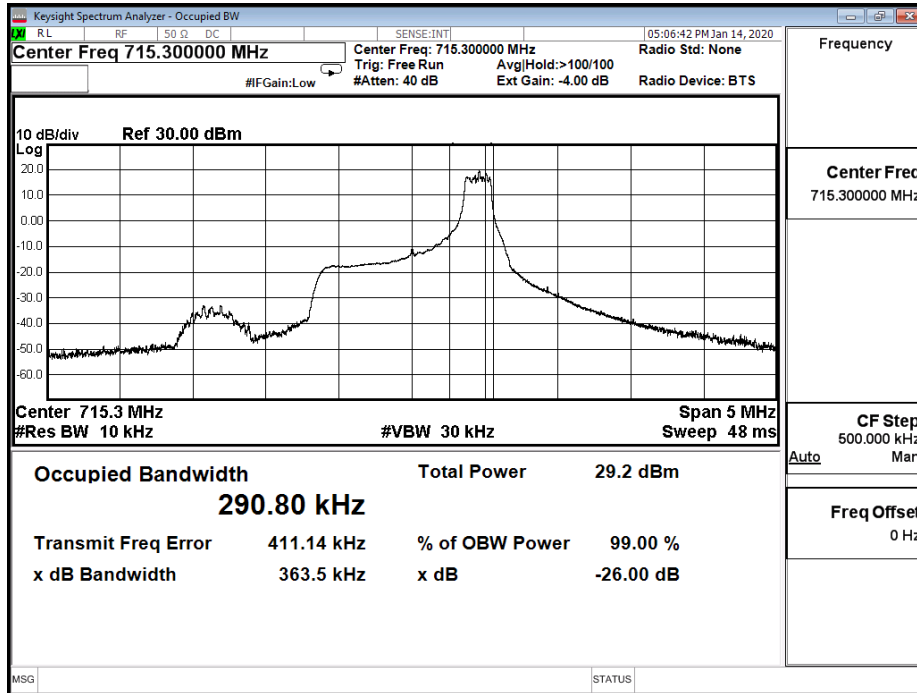
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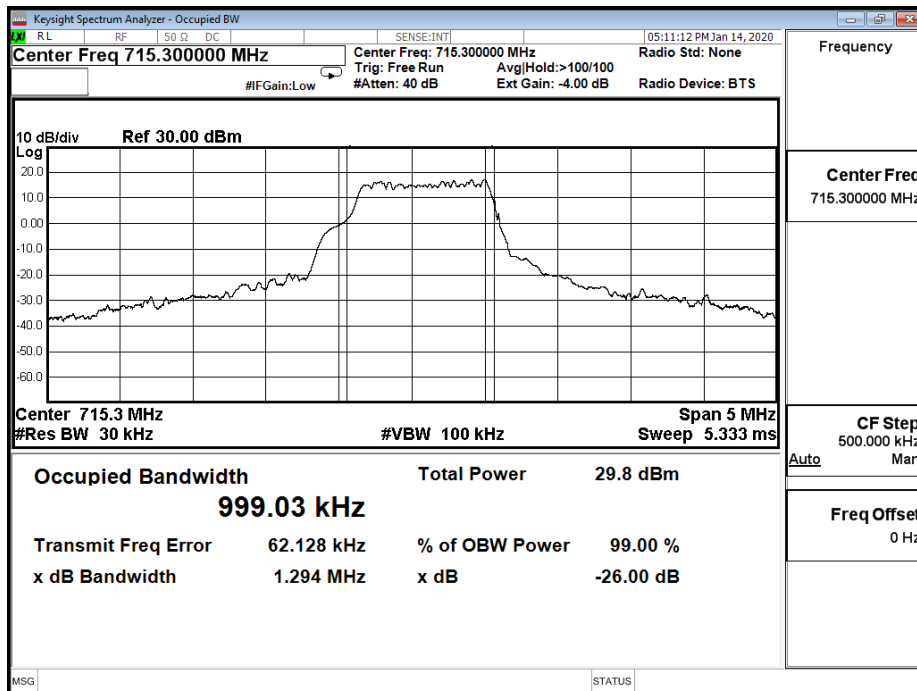
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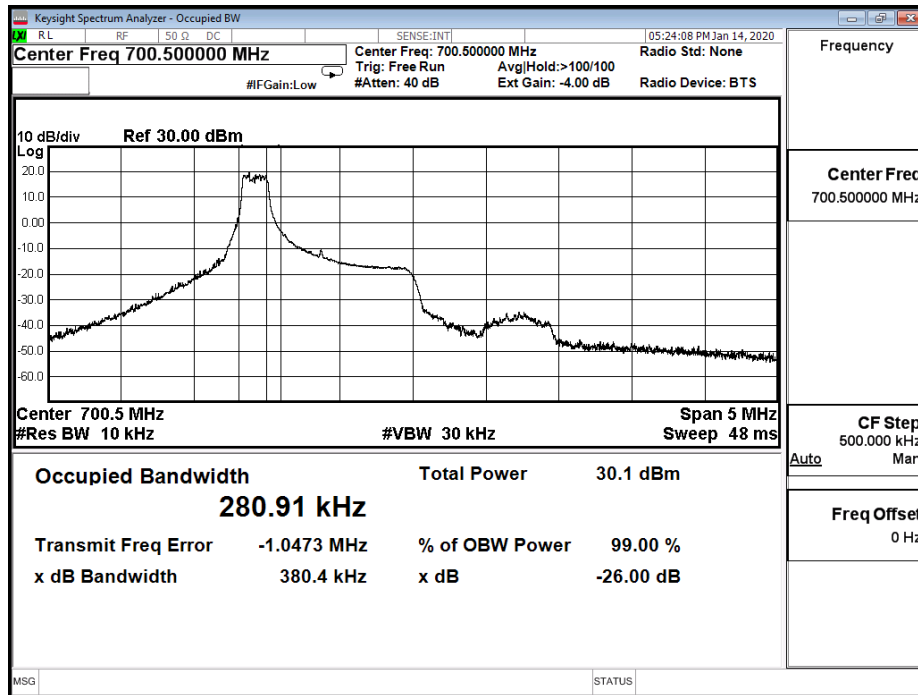
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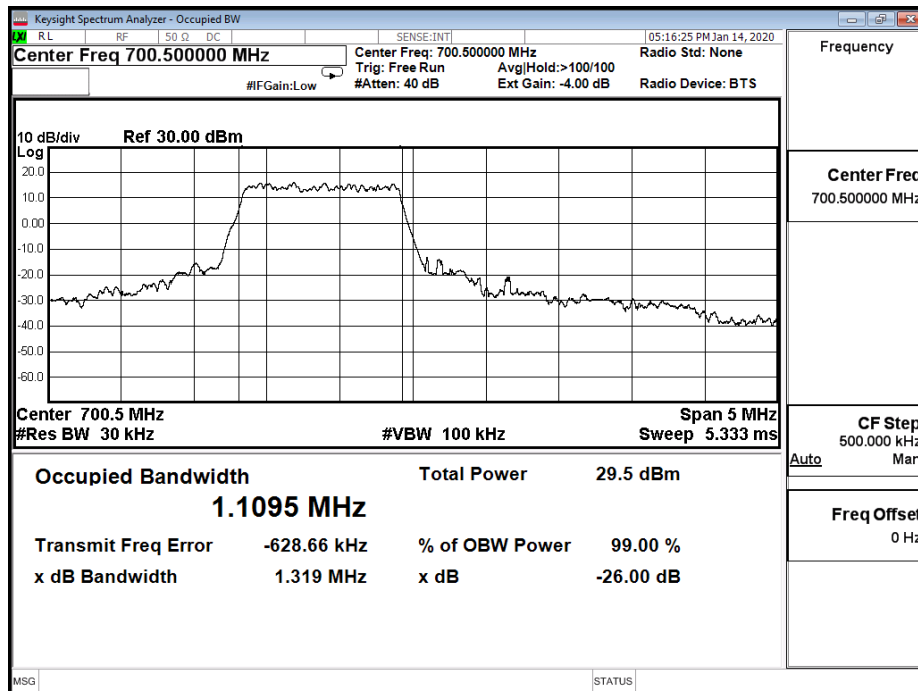
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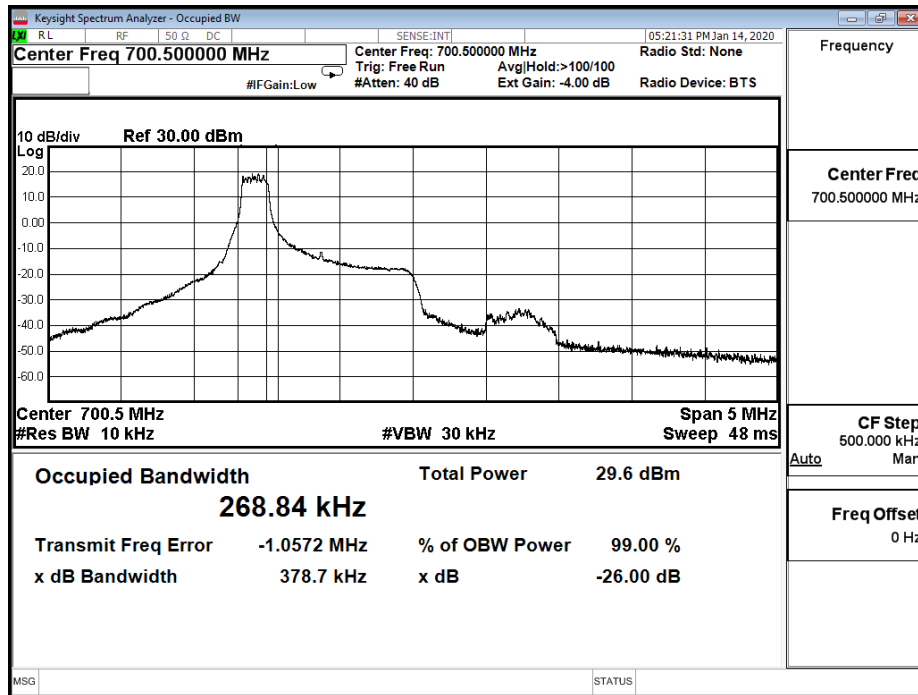
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B12_CH23025_3M_QPSK_6RB0



B12_CH23025_3M_16-QAM_1RB0



B12_CH23025_3M_16-QAM_5RB0

