

Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2019/12/10~2019/12/11	Test Site	SR12-H
Temperature (°C)	23.0~24.0°C	Humidity (%RH)	56~59%RH

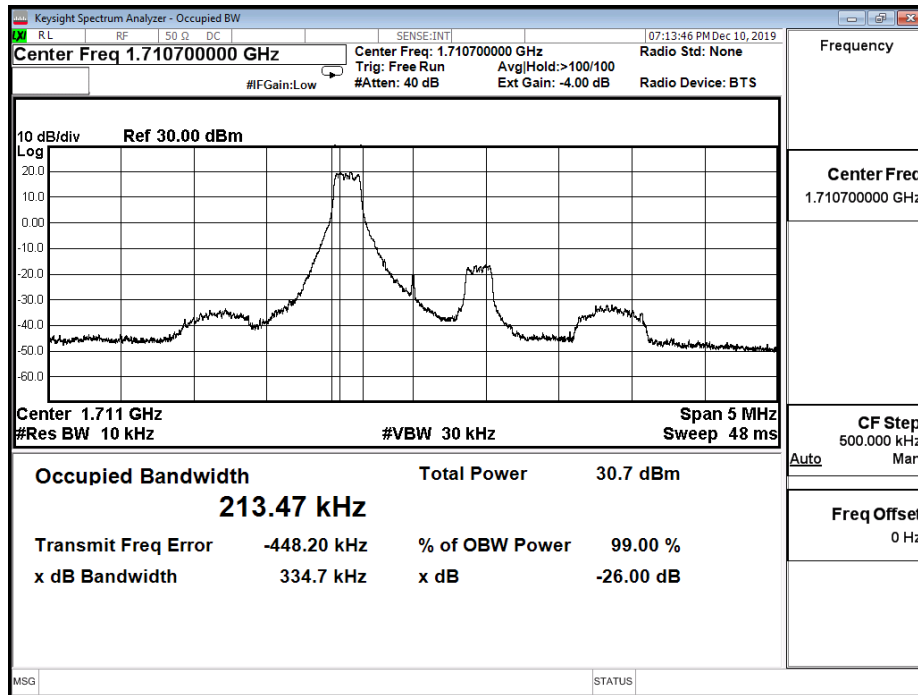
LTE Band 4_1RB Low/high					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	1710.7	0.334	0.213	N/A
		1732.5	0.319	0.207	N/A
		1754.3	0.320	0.213	N/A
	16-QAM	1710.7	0.343	0.217	N/A
		1732.5	0.343	0.221	N/A
		1754.3	0.324	0.212	N/A
3M	QPSK	1711.5	0.326	0.213	N/A
		1732.5	0.333	0.211	N/A
		1753.5	0.315	0.209	N/A
	16-QAM	1711.5	0.302	0.211	N/A
		1732.5	0.316	0.211	N/A
		1753.5	0.339	0.216	N/A
5M	QPSK	1712.5	0.339	0.221	N/A
		1732.5	0.370	0.229	N/A
		1752.2	0.359	0.225	N/A
	16-QAM	1712.5	0.404	0.239	N/A
		1732.5	0.348	0.214	N/A
		1752.2	0.372	0.233	N/A
10M	QPSK	1715	0.351	0.227	N/A
		1732.5	0.380	0.238	N/A
		1750	0.375	0.225	N/A
	16-QAM	1715	0.386	0.230	N/A
		1732.5	0.379	0.237	N/A
		1750	0.410	0.252	N/A

LTE Band 4_1RB Low/high					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
15M	QPSK	1717.5	0.399	0.238	N/A
		1732.5	0.396	0.248	N/A
		1747.5	0.373	0.257	N/A
	16-QAM	1717.5	0.386	0.259	N/A
		1732.5	0.428	0.260	N/A
		1747.5	0.404	0.261	N/A
20M	QPSK	1720	0.406	0.255	N/A
		1732.5	0.404	0.254	N/A
		1745	0.378	0.253	N/A
	16-QAM	1720	0.407	0.263	N/A
		1732.5	0.424	0.267	N/A
		1745	0.410	0.256	N/A

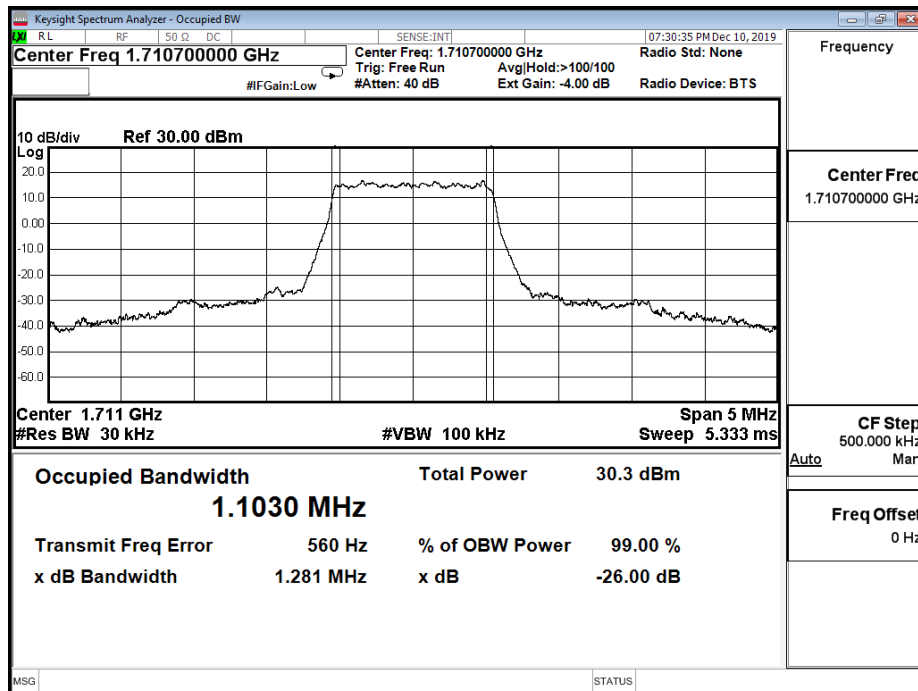
LTE Band 4_Full RB					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	1710.7	1.281	1.103	N/A
		1732.5	1.307	1.102	N/A
		1754.3	1.284	1.093	N/A
	16-QAM	1710.7	1.285	1.094	N/A
		1732.5	1.278	1.094	N/A
		1754.3	1.294	1.099	N/A
3M	QPSK	1711.5	2.913	2.685	N/A
		1732.5	2.946	2.684	N/A
		1753.5	2.927	2.686	N/A
	16-QAM	1711.5	2.946	2.683	N/A
		1732.5	2.933	2.680	N/A
		1753.5	2.940	2.681	N/A
5M	QPSK	1712.5	4.942	4.483	N/A
		1732.5	4.916	4.468	N/A
		1752.2	4.927	4.481	N/A
	16-QAM	1712.5	4.855	4.470	N/A
		1732.5	4.949	4.477	N/A
		1752.2	4.933	4.482	N/A
10M	QPSK	1715	9.614	8.908	N/A
		1732.5	9.707	8.926	N/A
		1750	9.697	8.925	N/A
	16-QAM	1715	9.632	8.912	N/A
		1732.5	9.619	8.926	N/A
		1750	9.638	8.911	N/A

LTE Band 4_Full RB					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
15M	QPSK	1717.5	14.590	13.398	N/A
		1732.5	14.660	13.401	N/A
		1747.5	14.400	13.363	N/A
	16-QAM	1717.5	14.500	13.381	N/A
		1732.5	14.550	13.415	N/A
		1747.5	14.500	13.375	N/A
20M	QPSK	1720	18.980	17.824	N/A
		1732.5	19.300	17.838	N/A
		1745	18.950	17.802	N/A
	16-QAM	1720	19.070	17.836	N/A
		1732.5	19.190	17.849	N/A
		1745	19.110	17.815	N/A

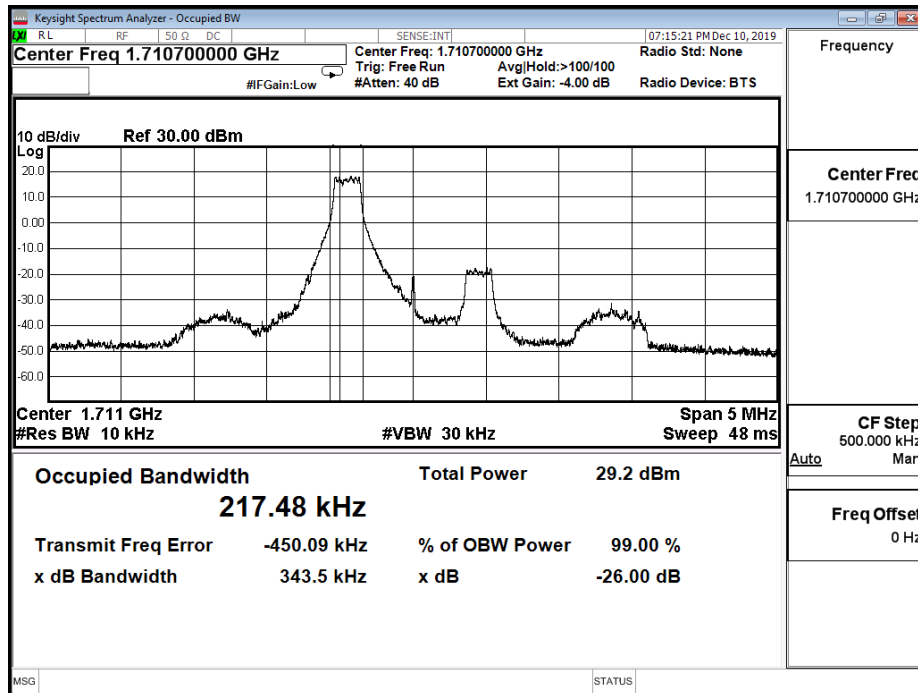
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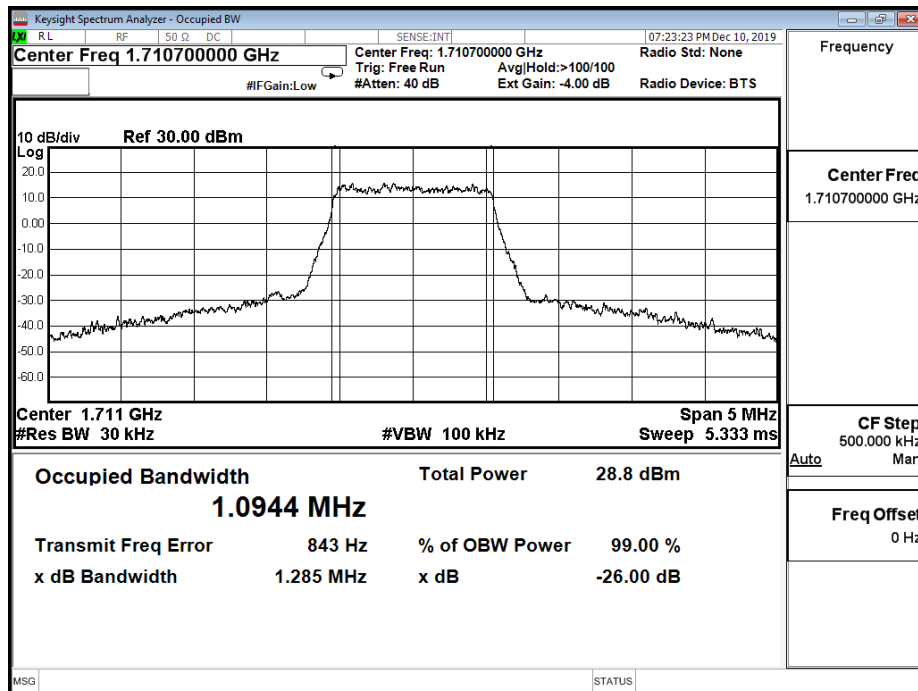
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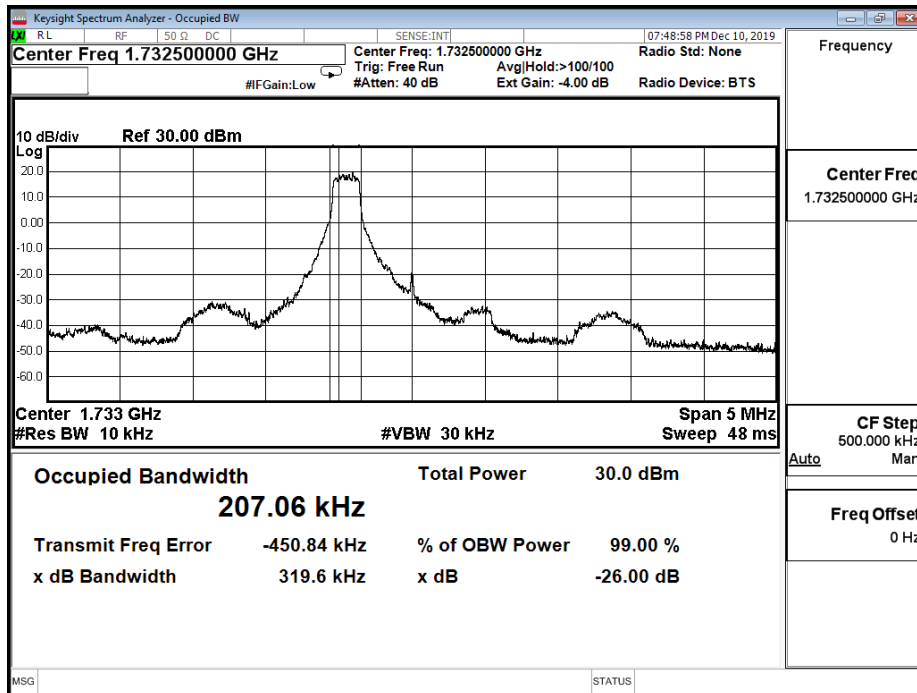
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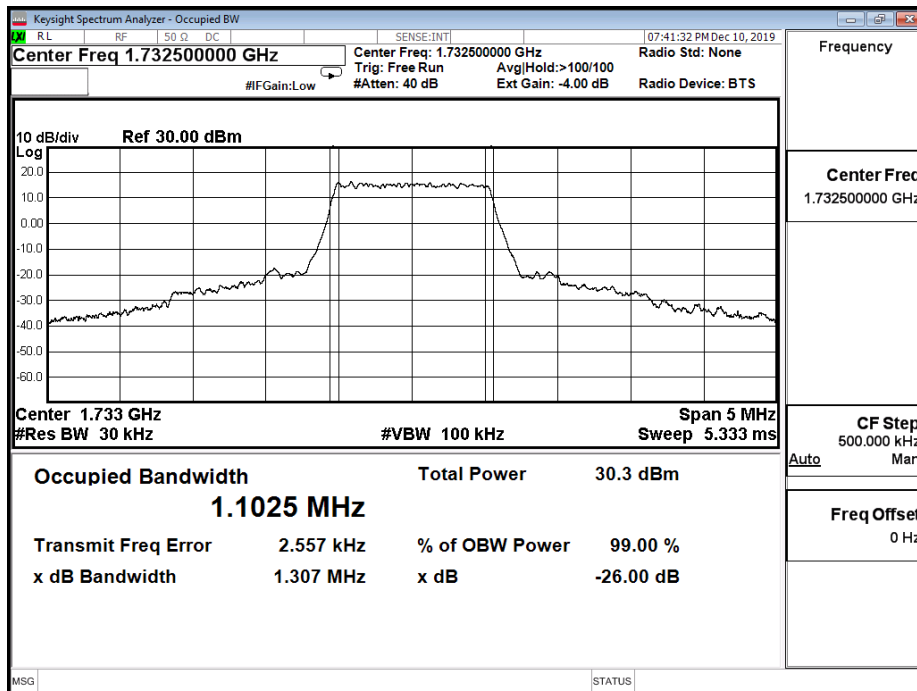
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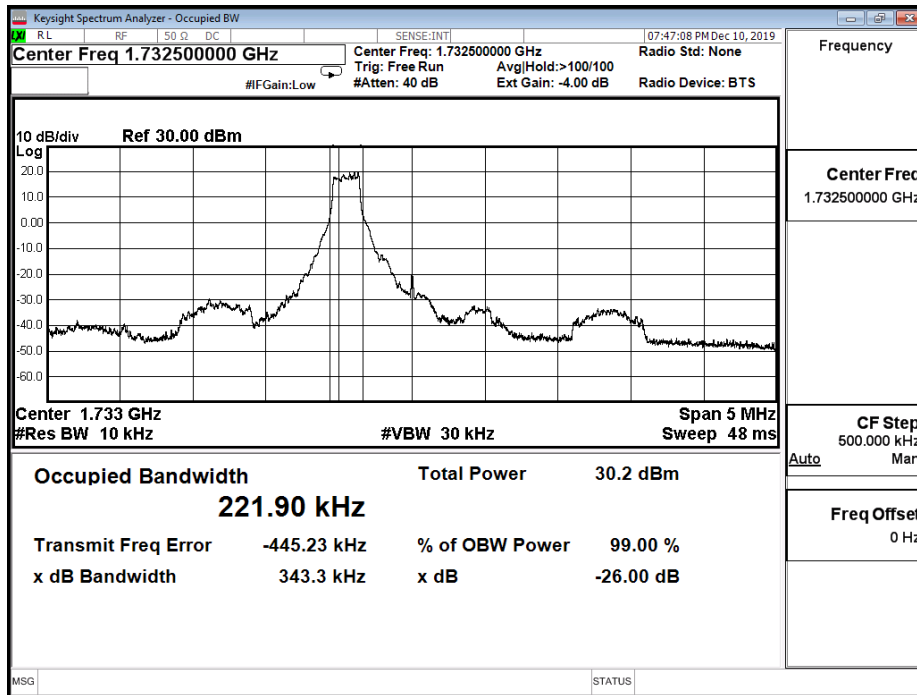
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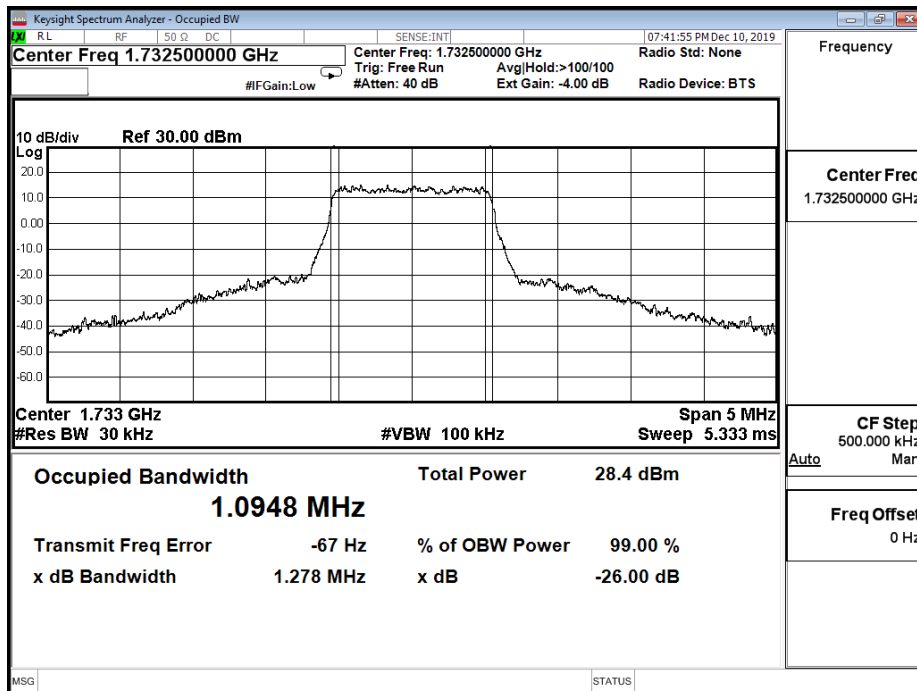
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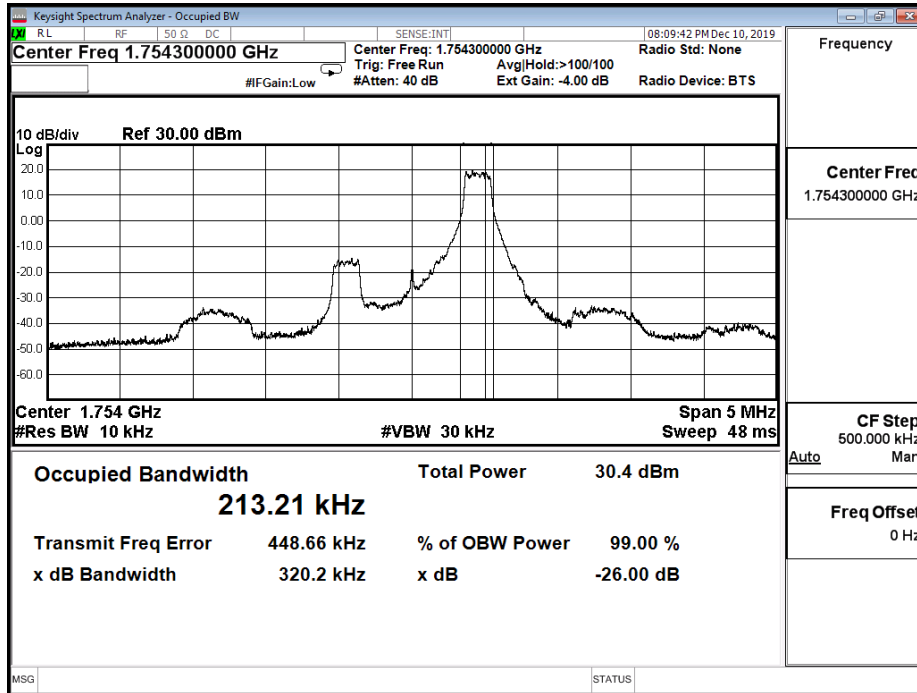
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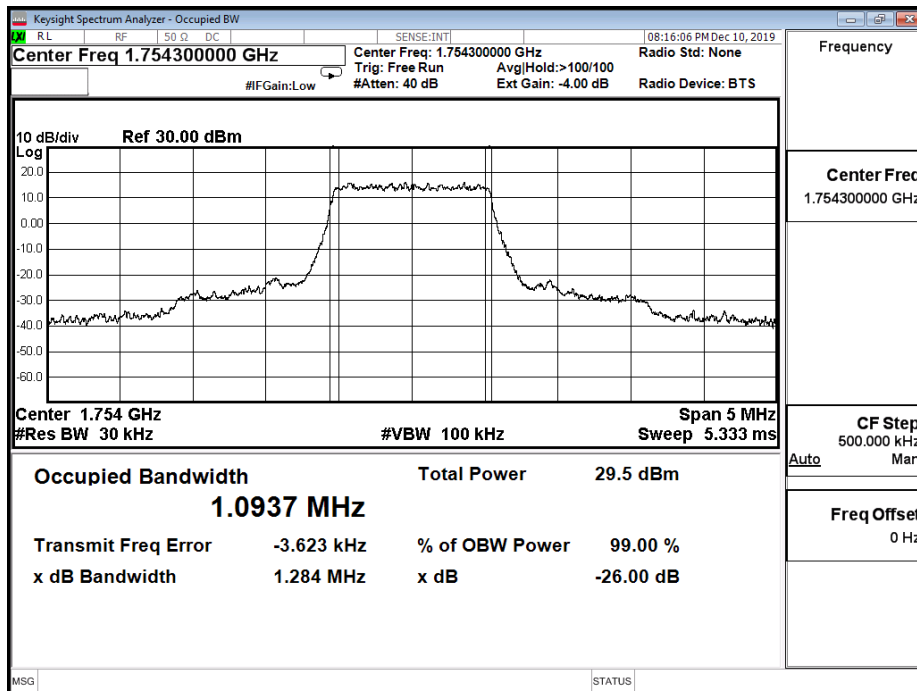
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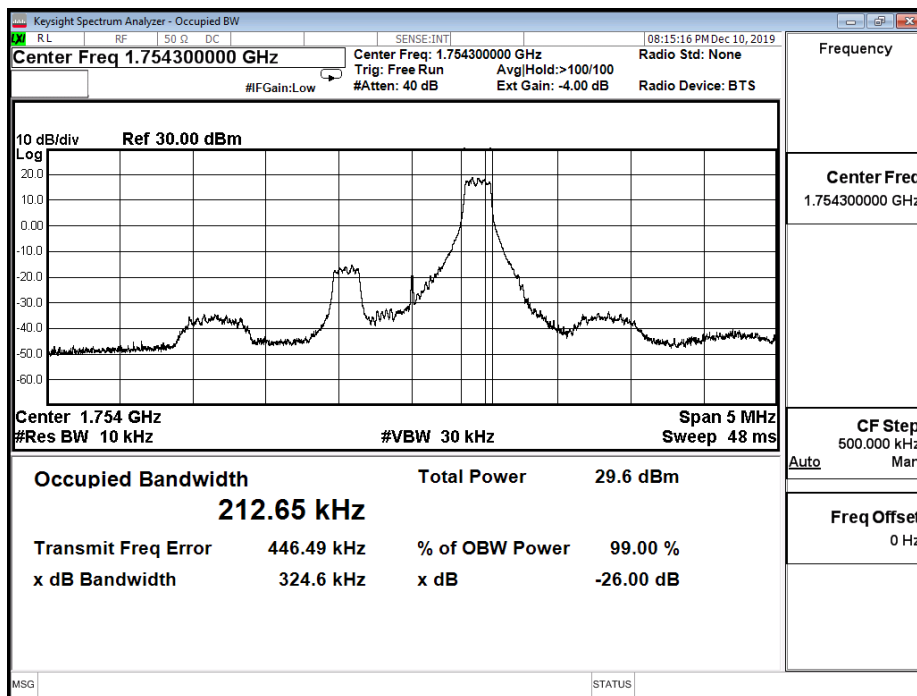
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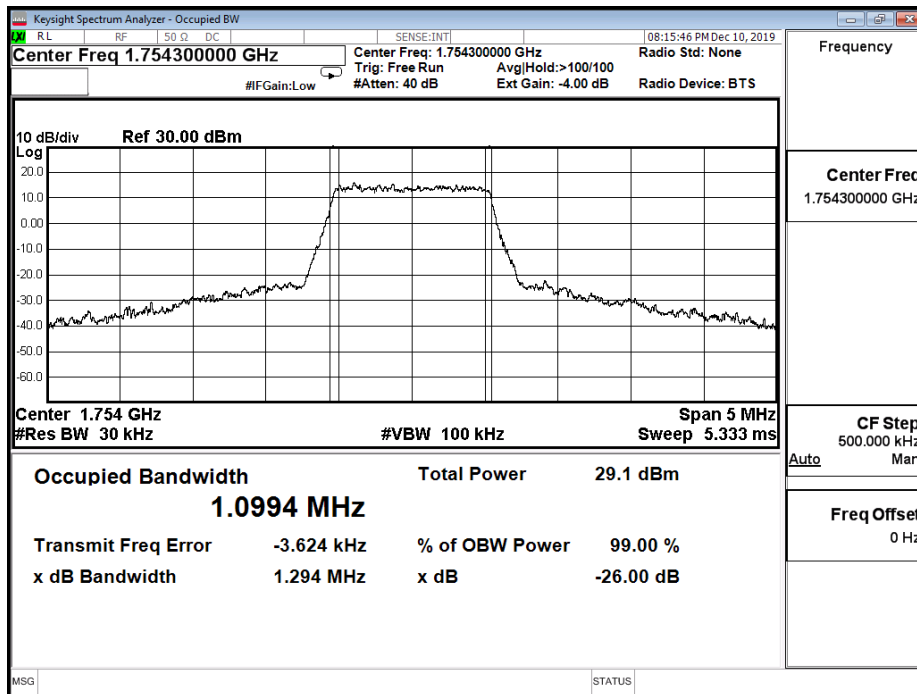
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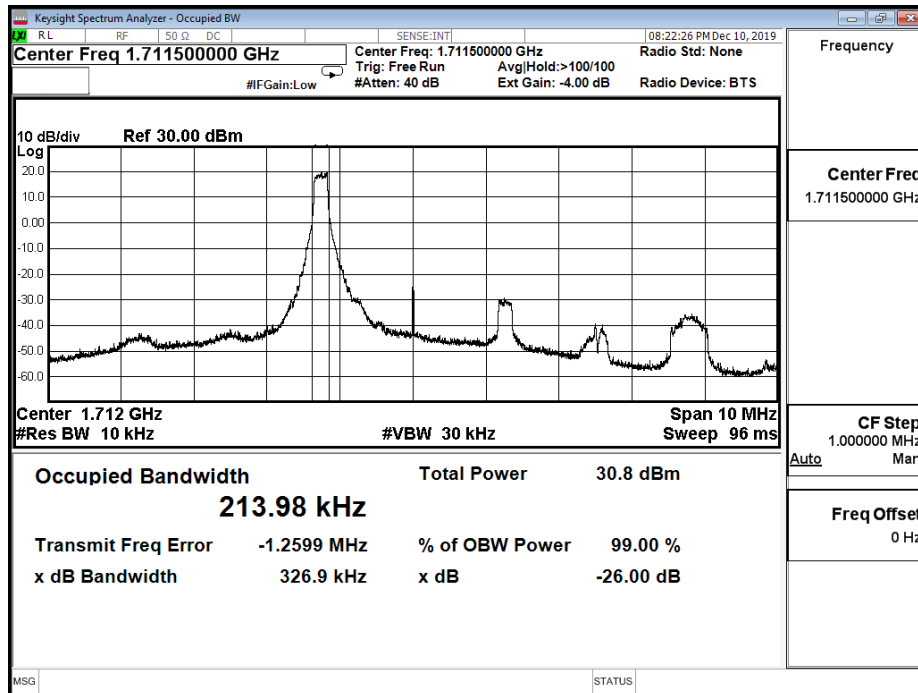
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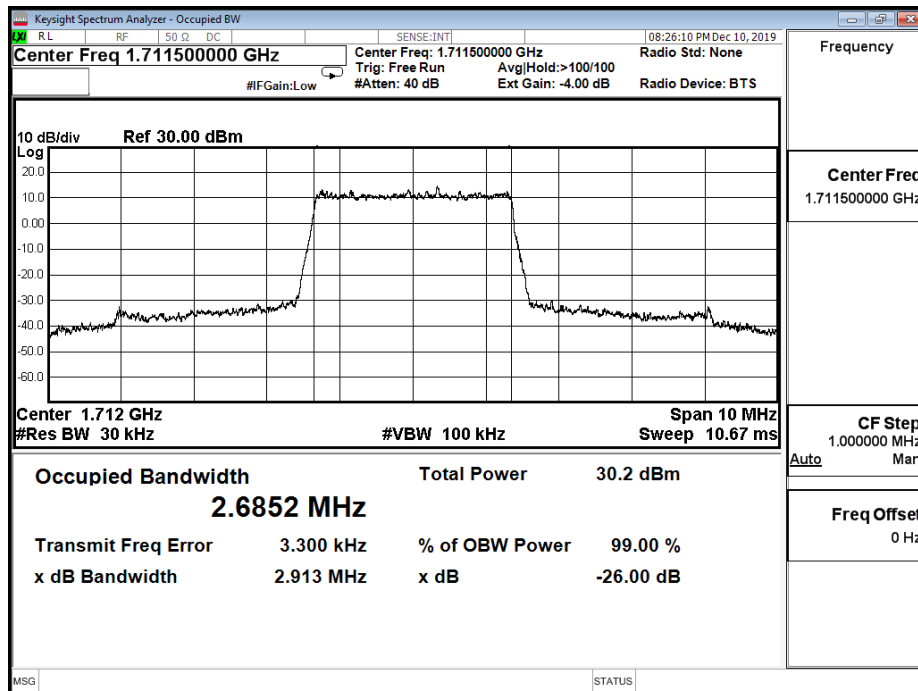
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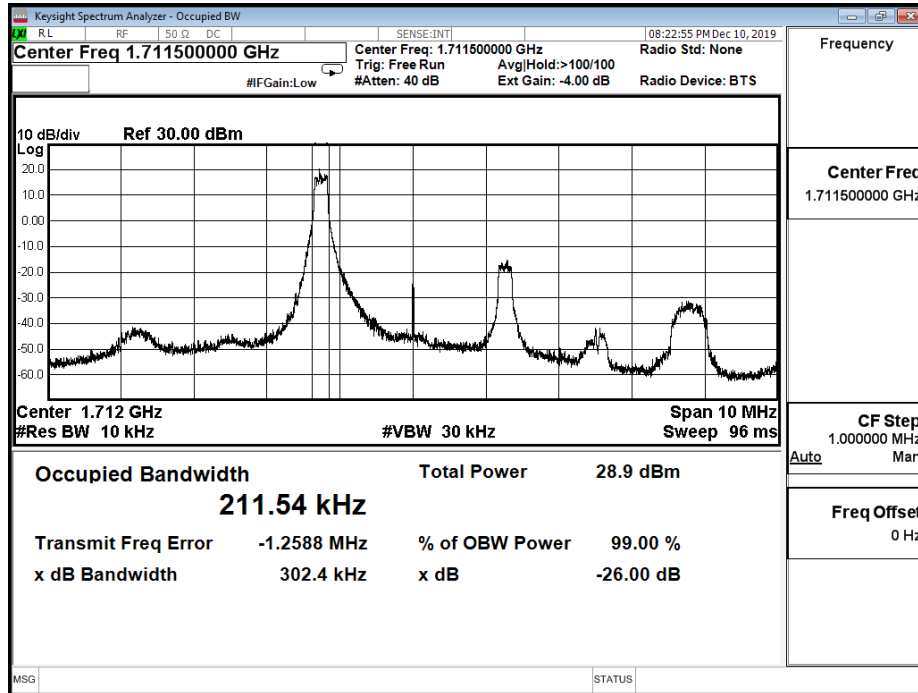
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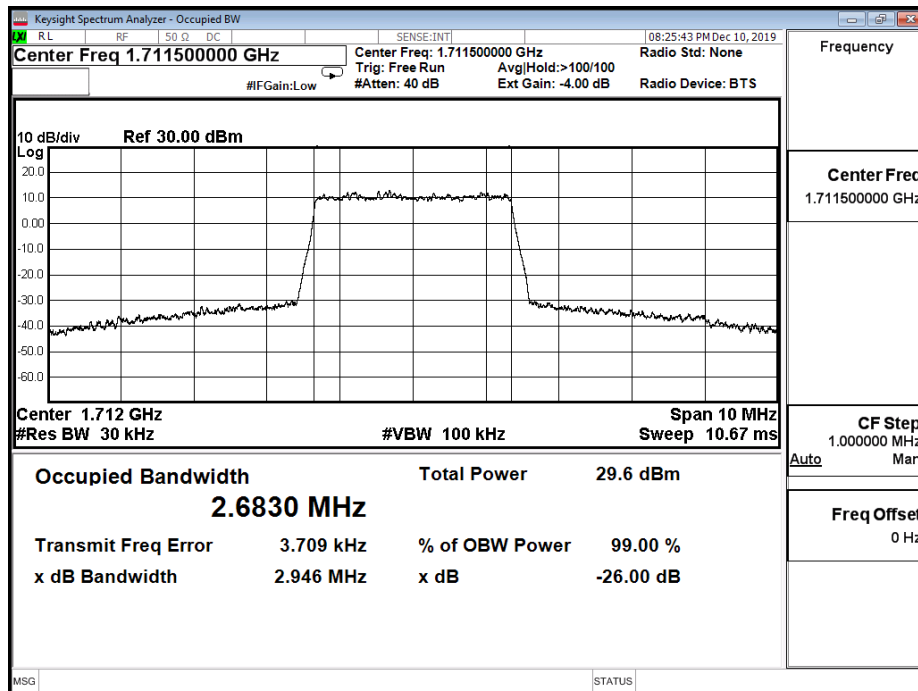
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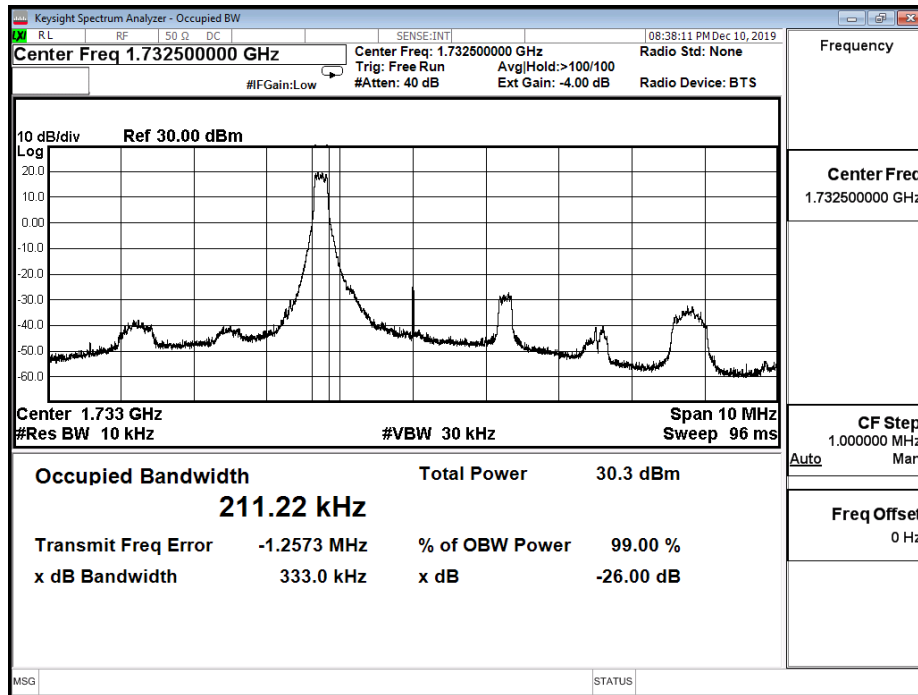
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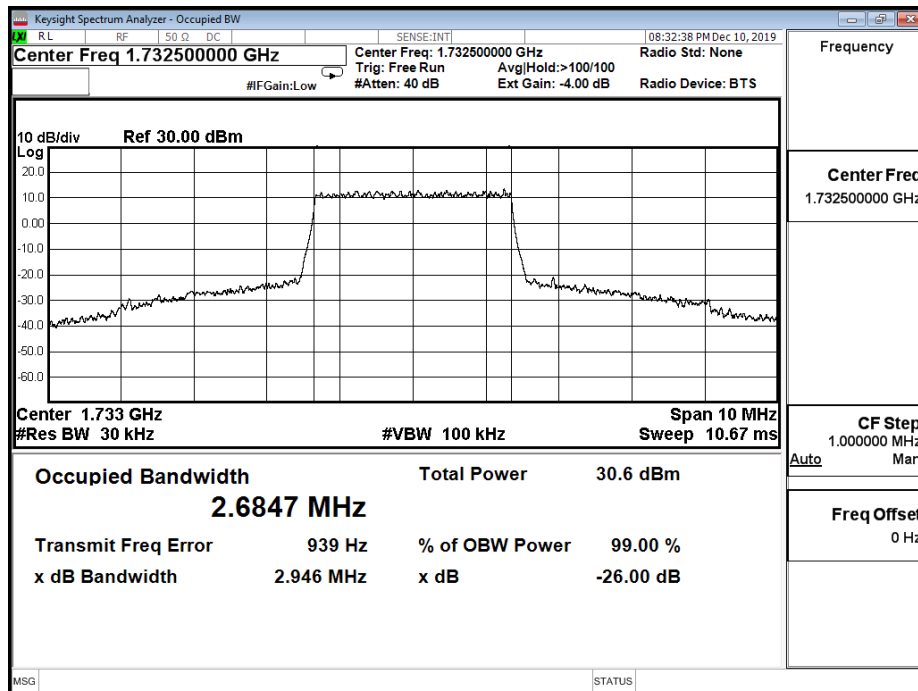
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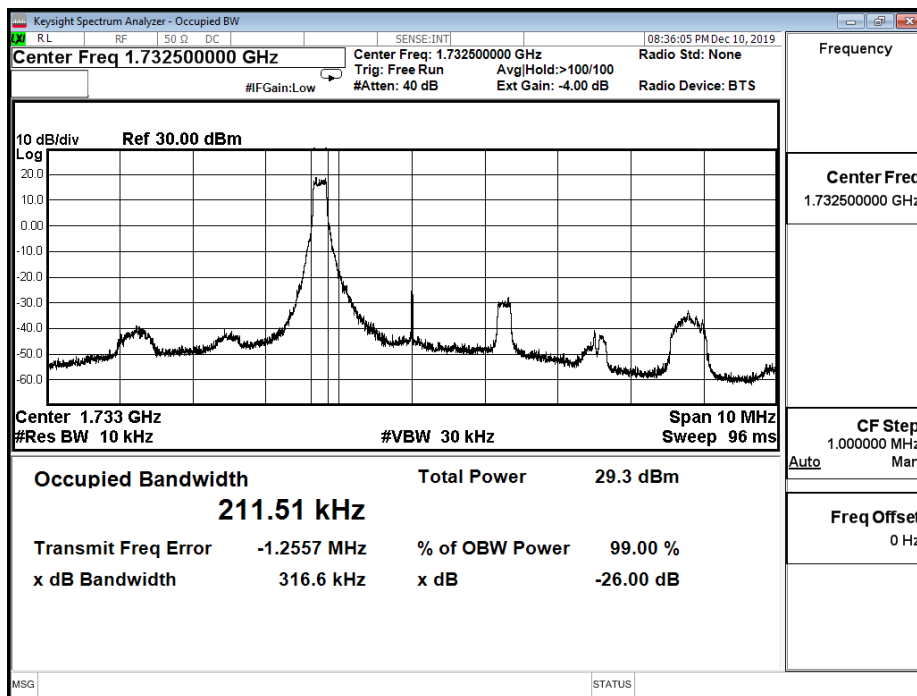
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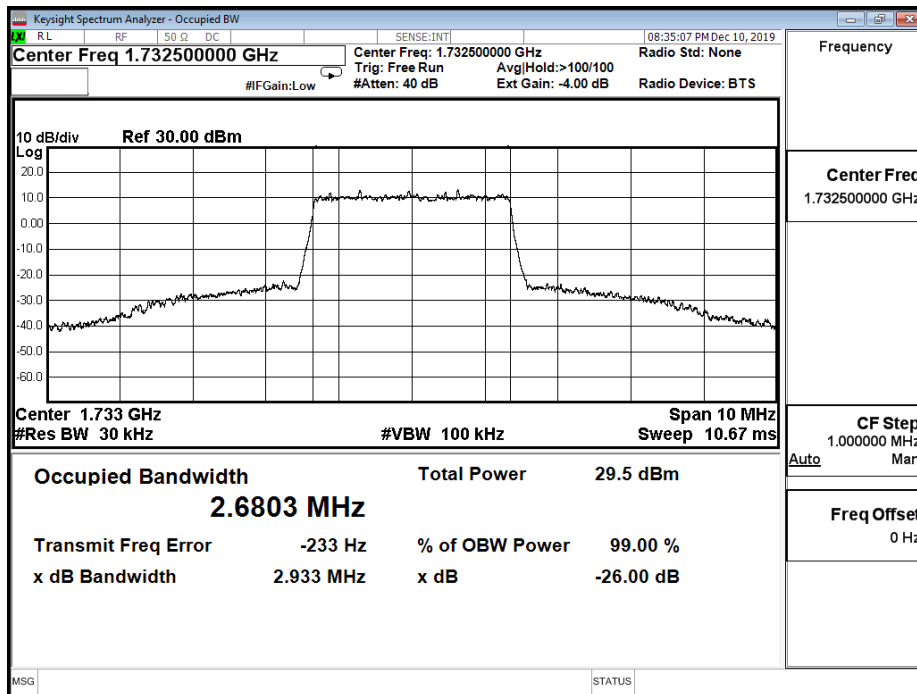
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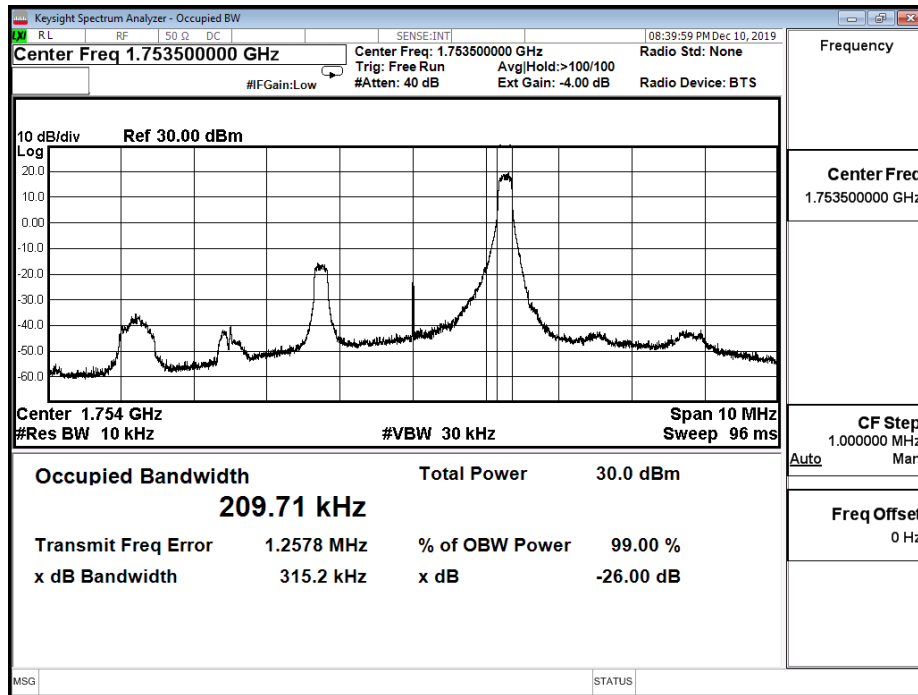
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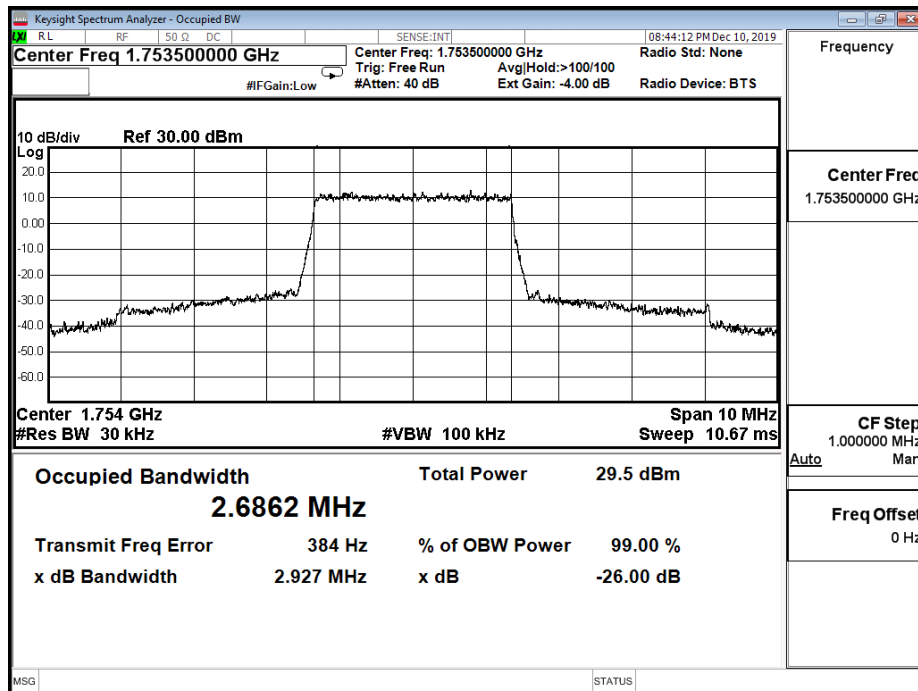
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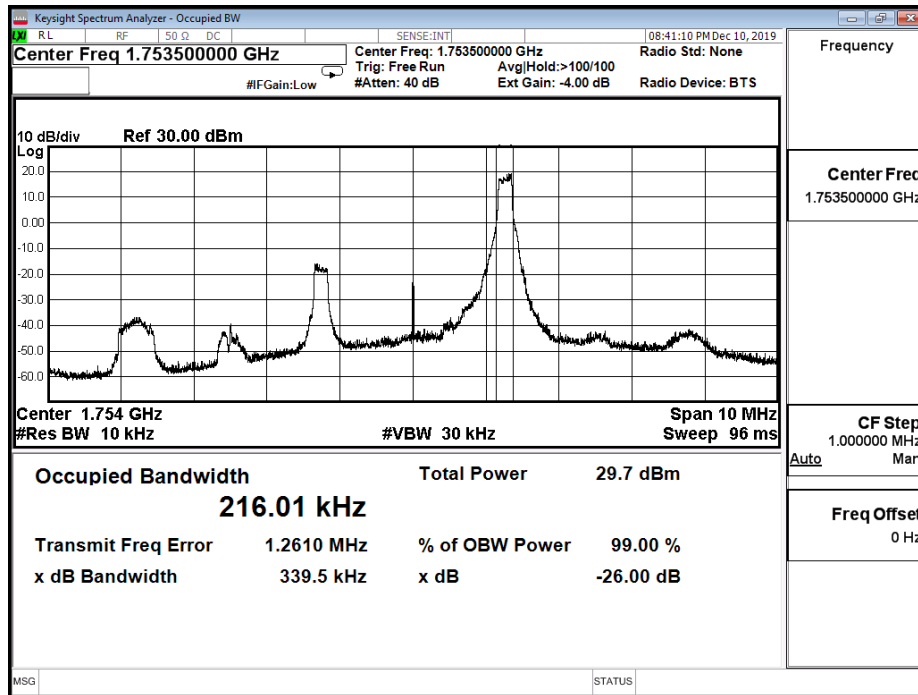
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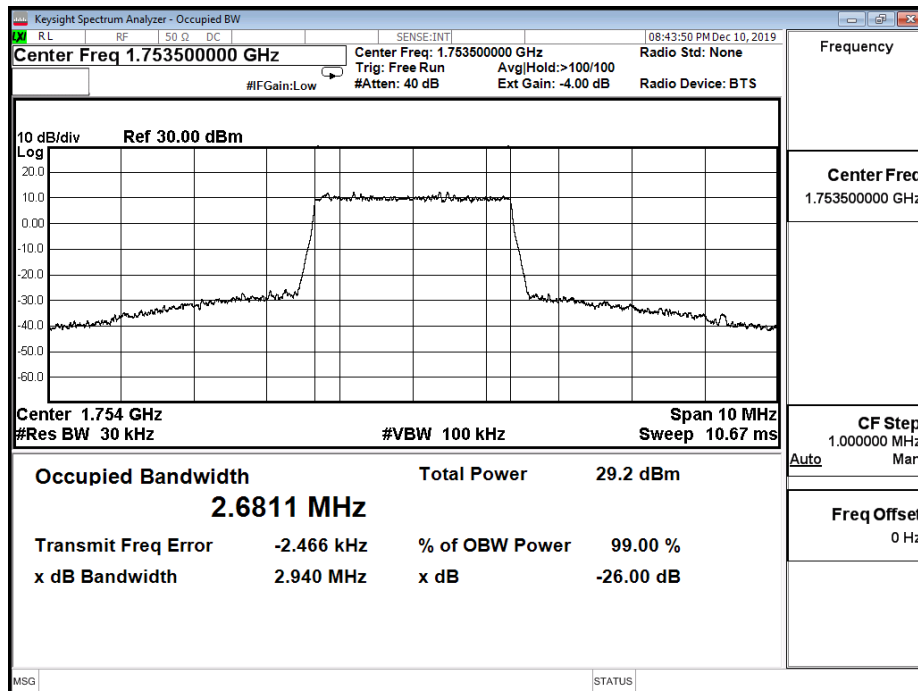
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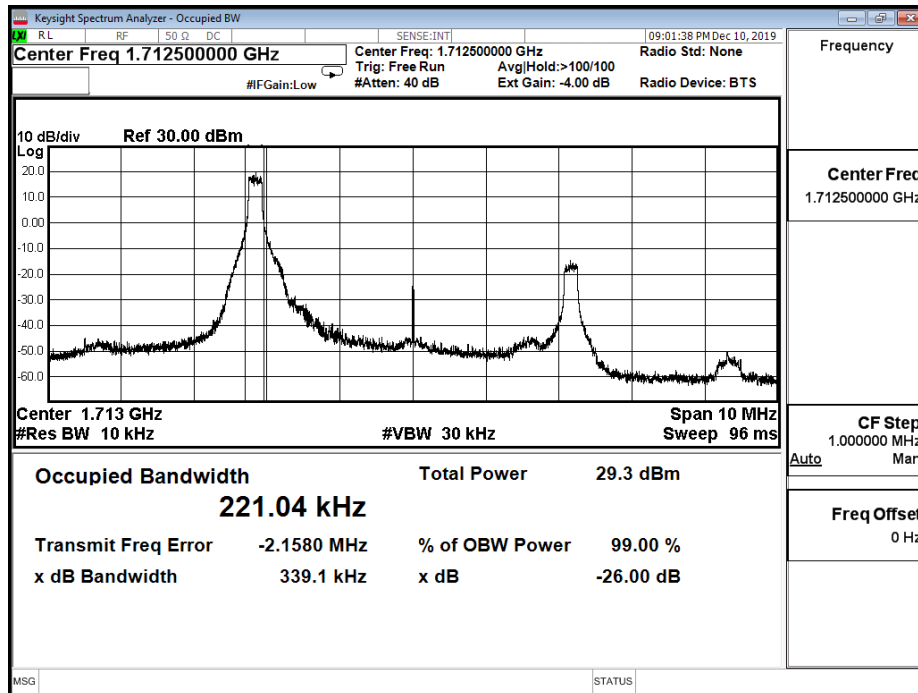
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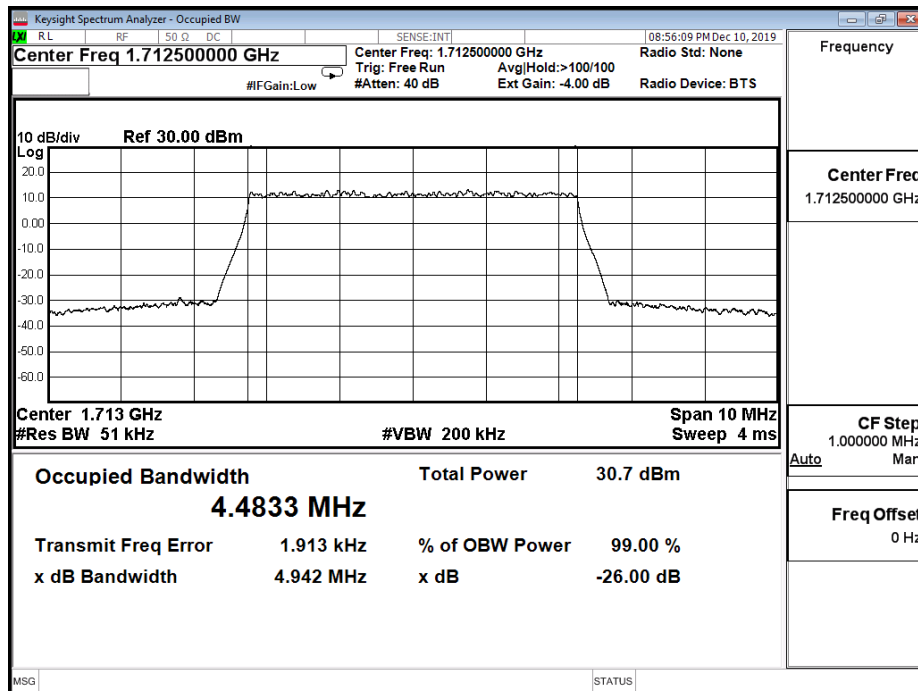
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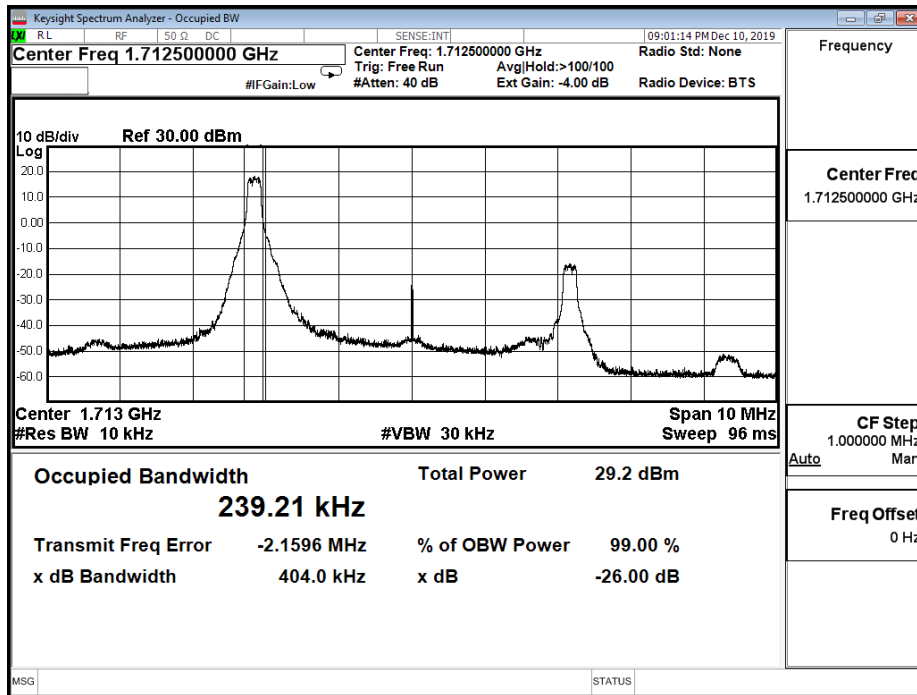
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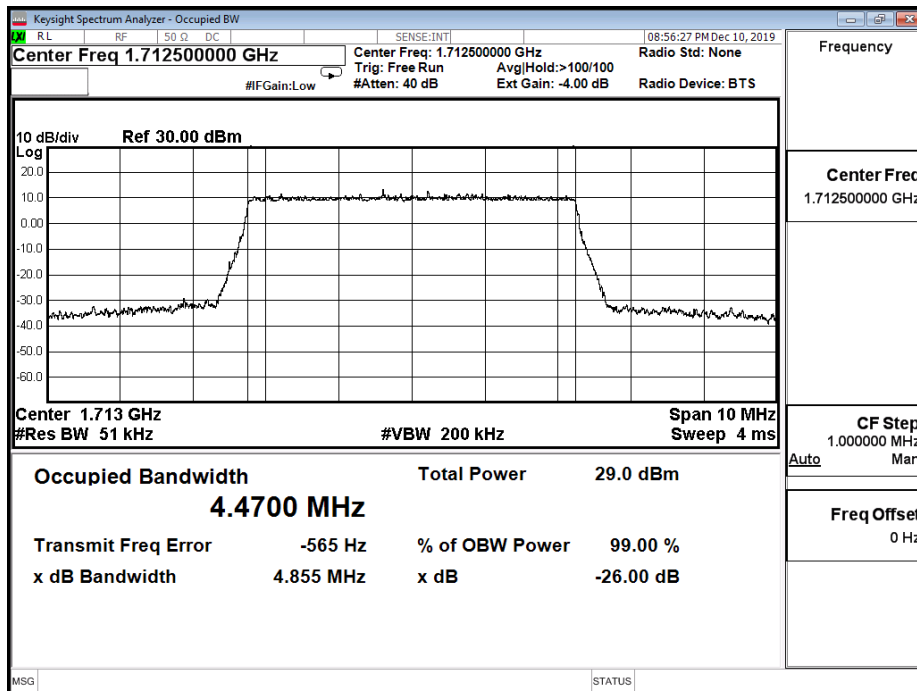
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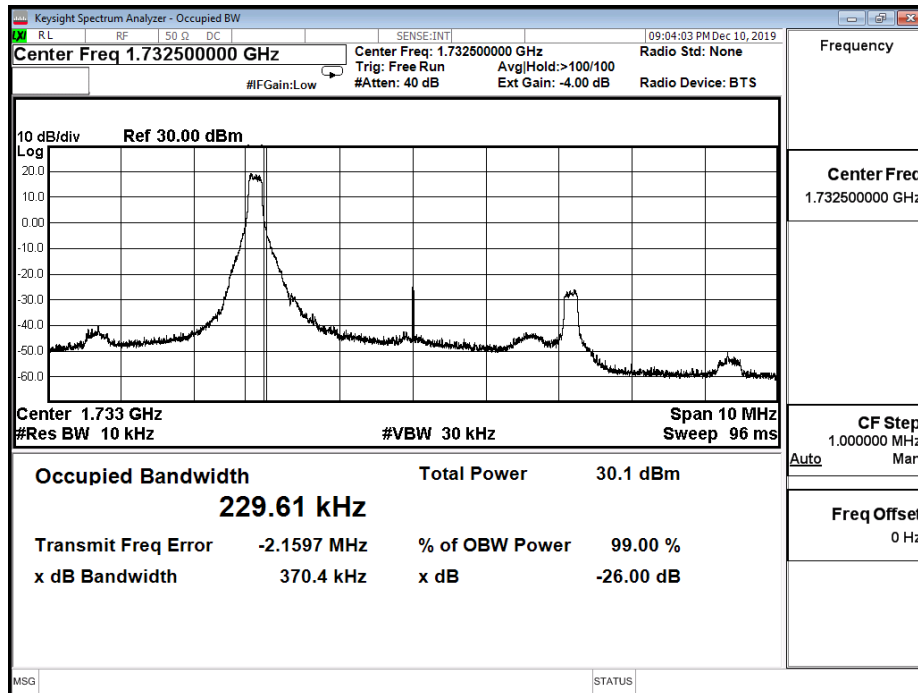
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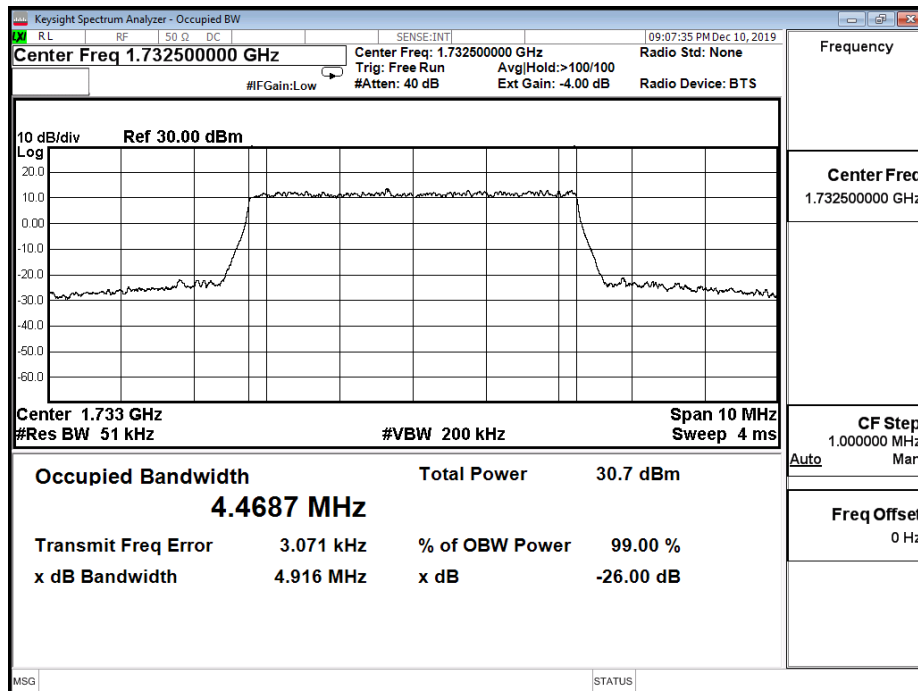
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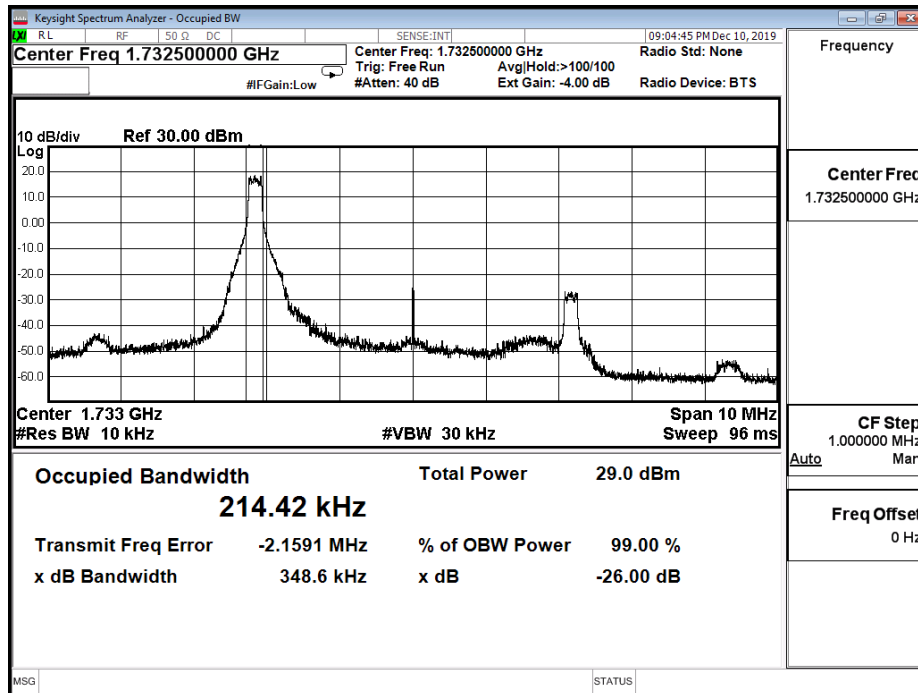
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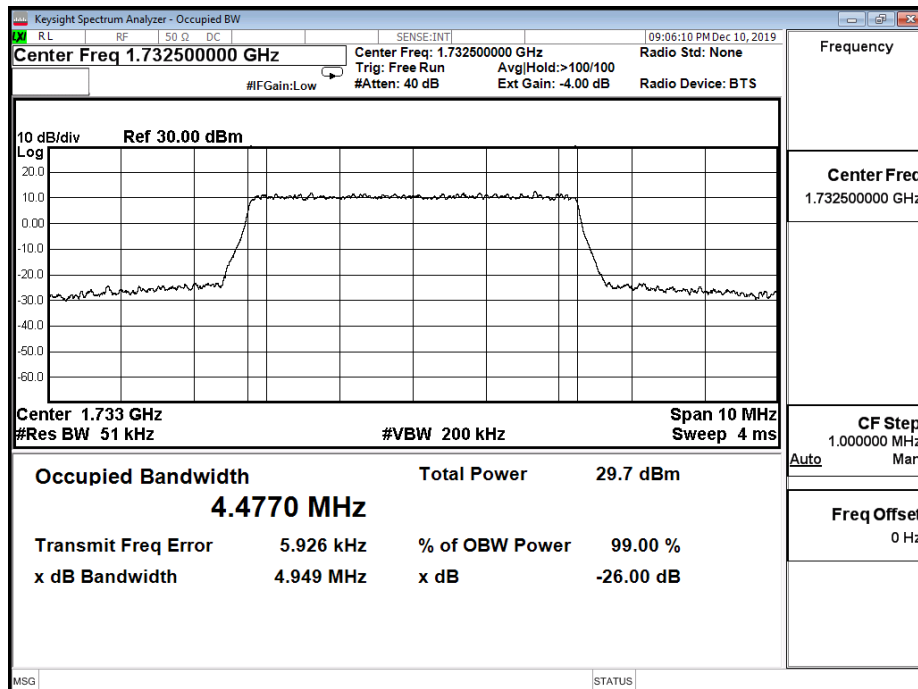
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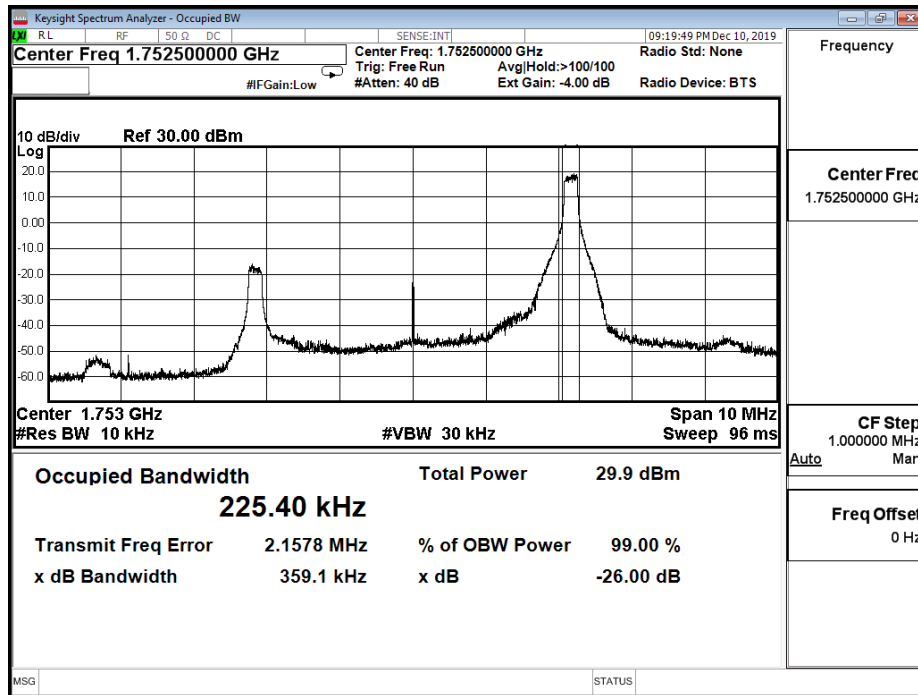
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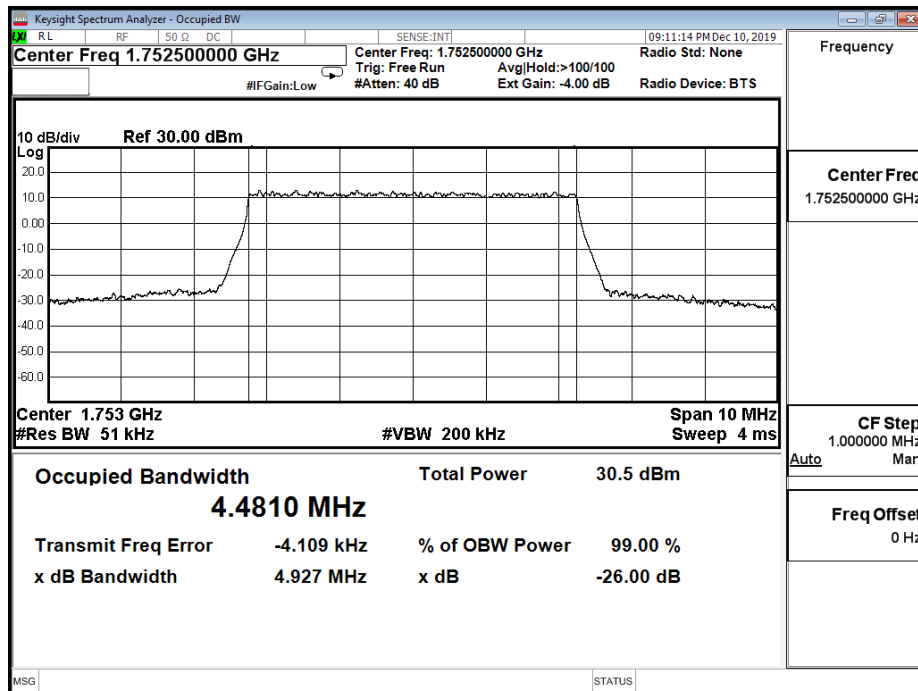
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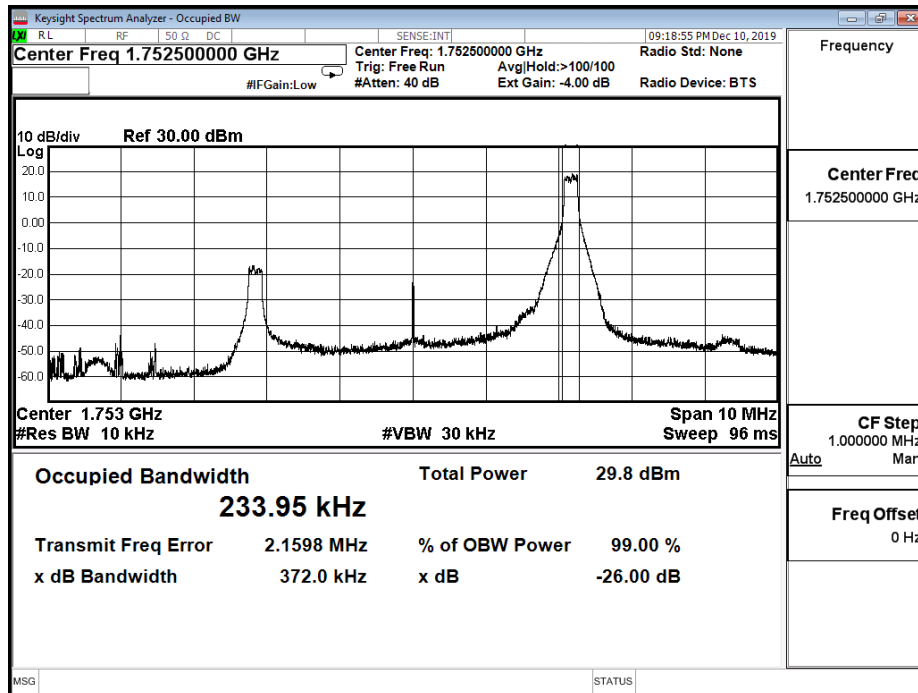
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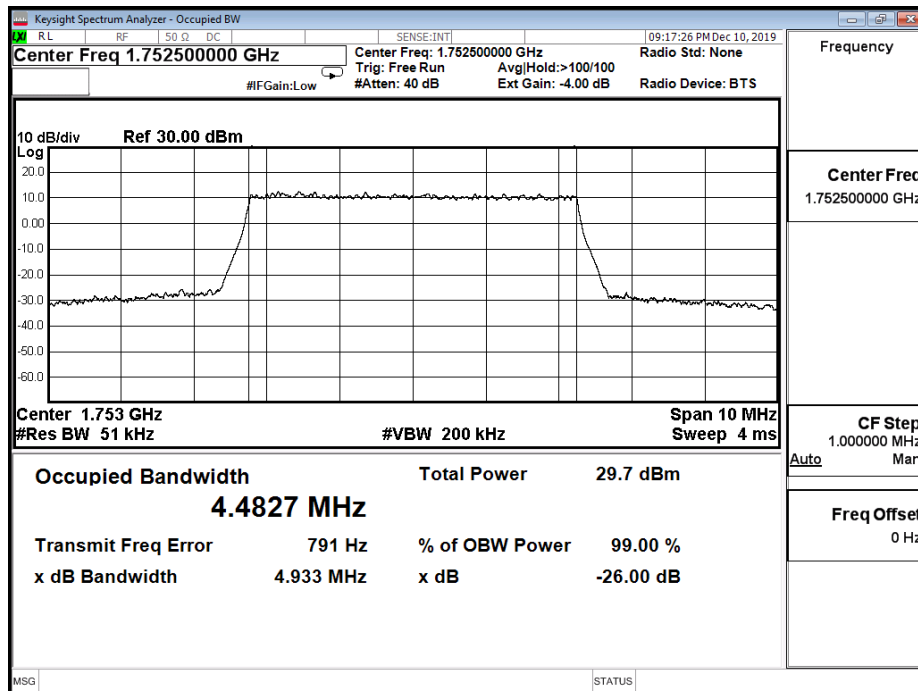
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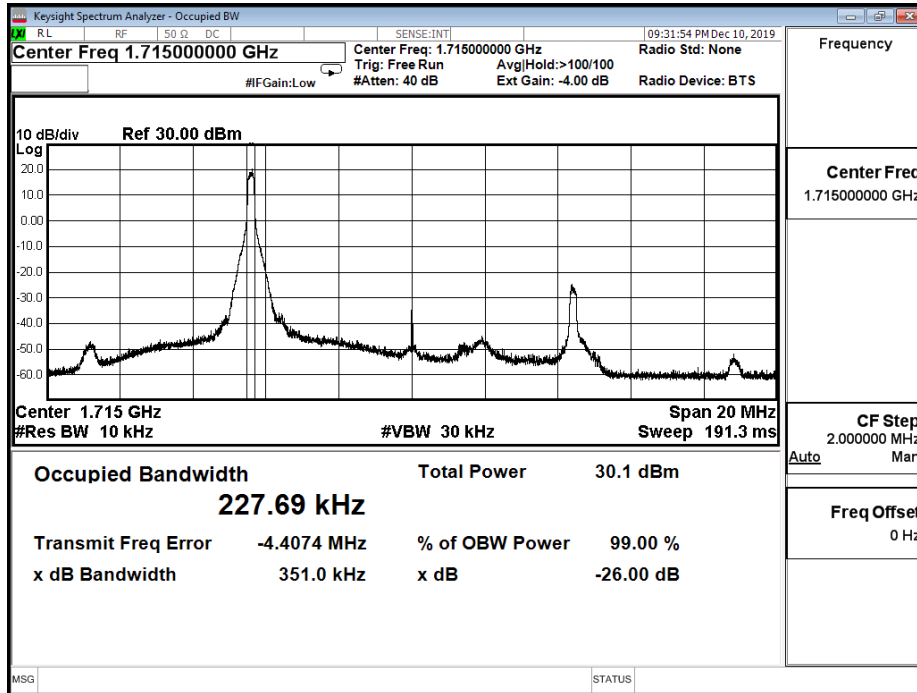
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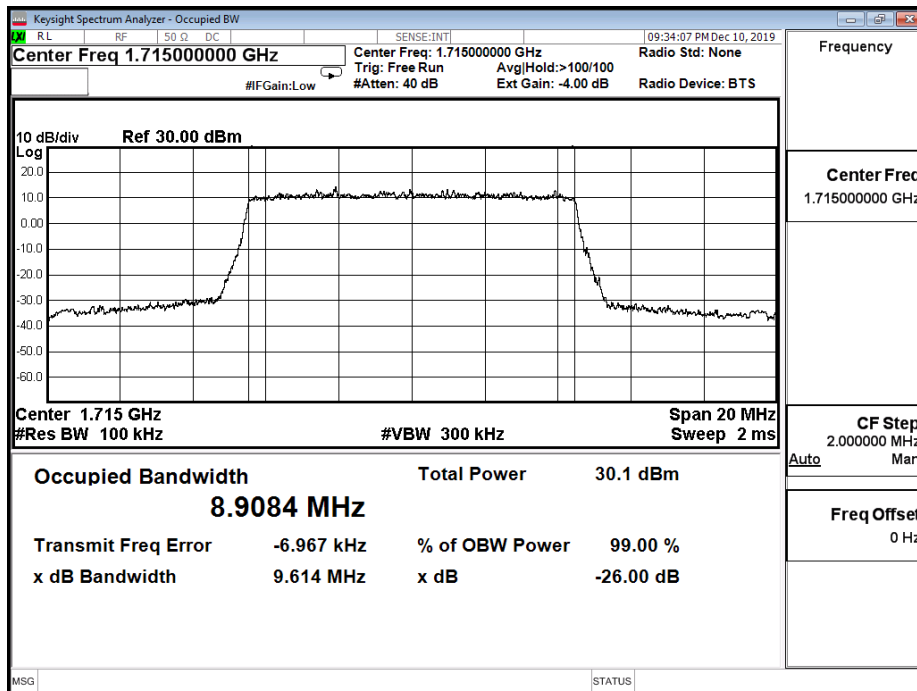
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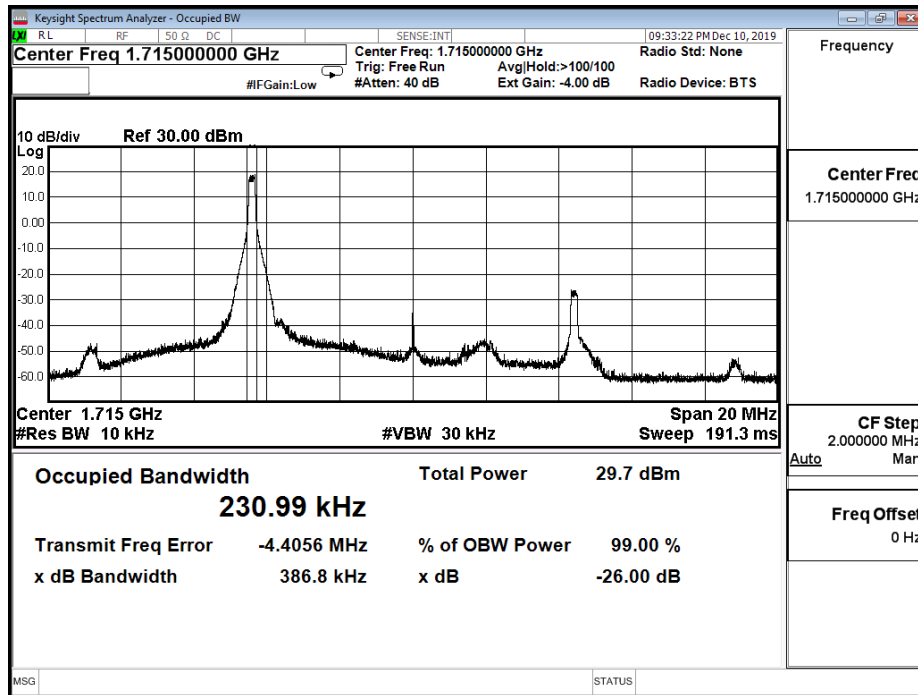
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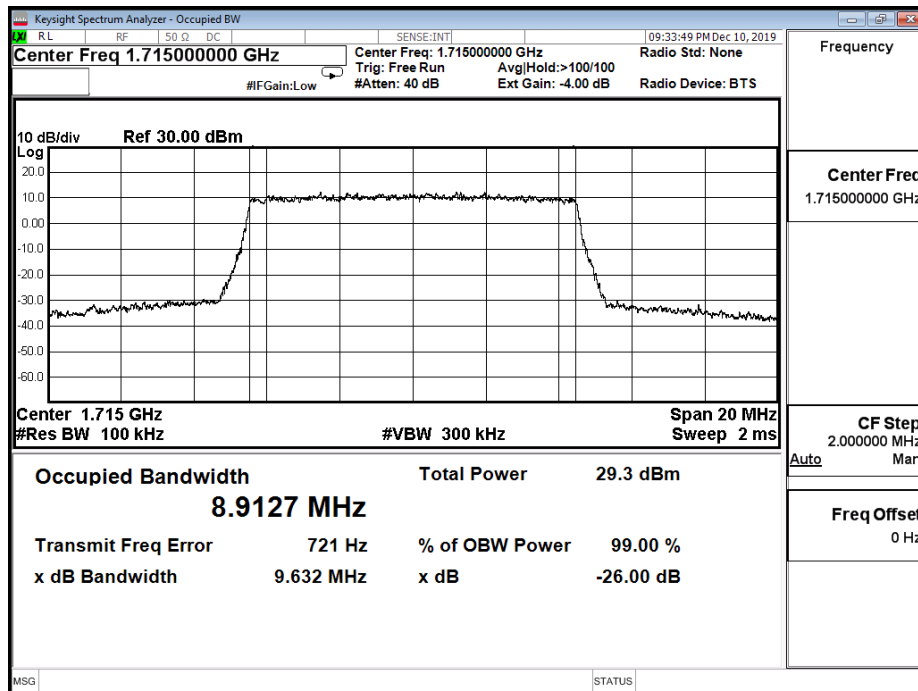
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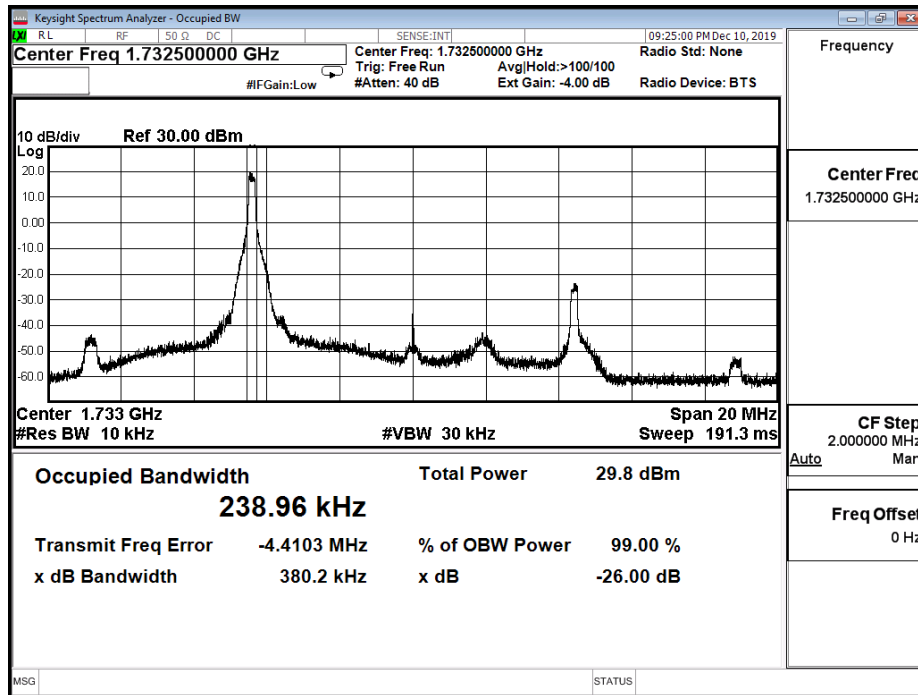
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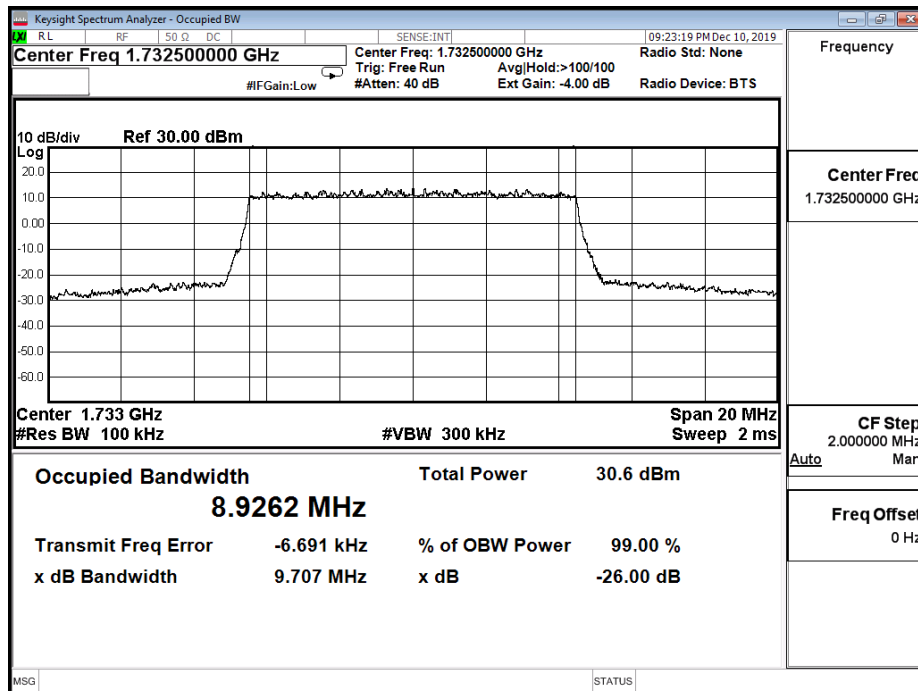
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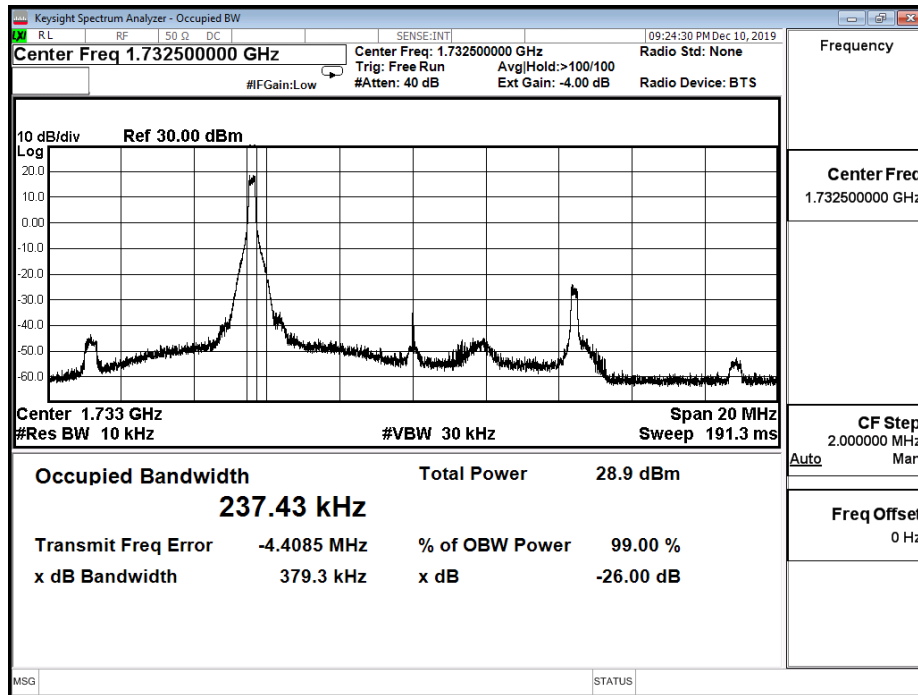
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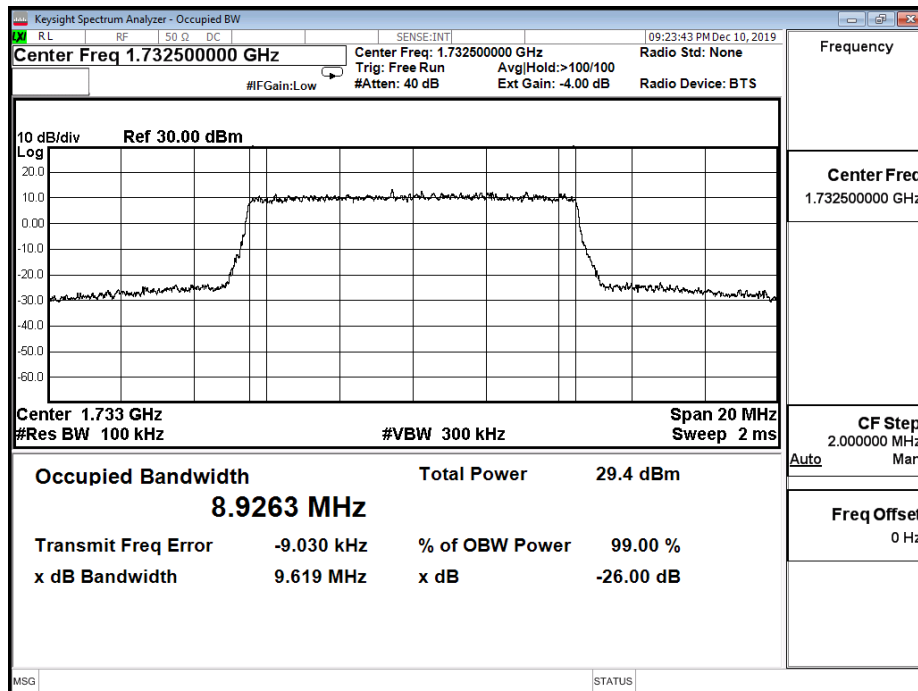
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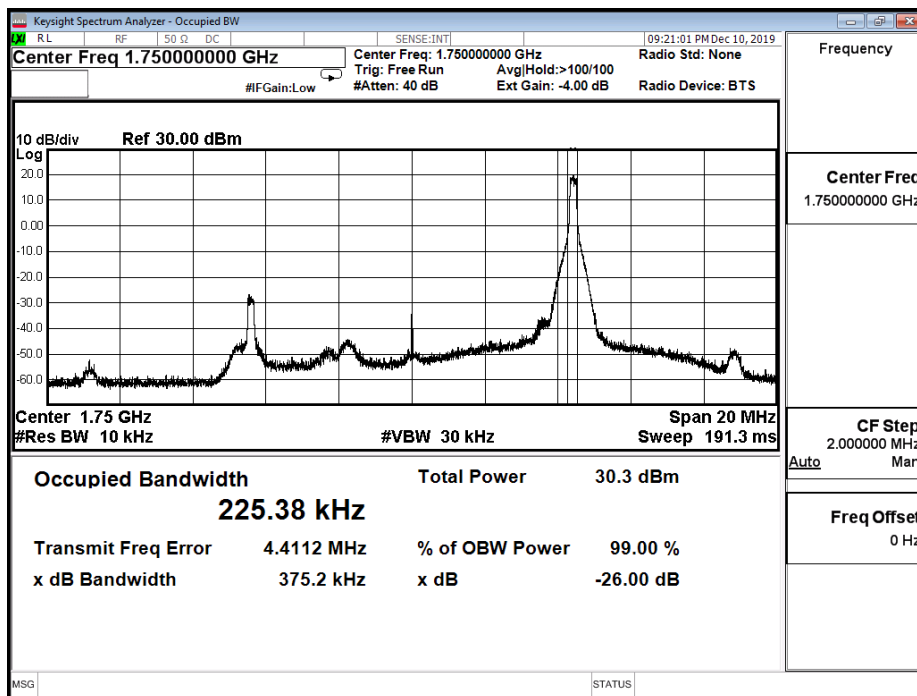
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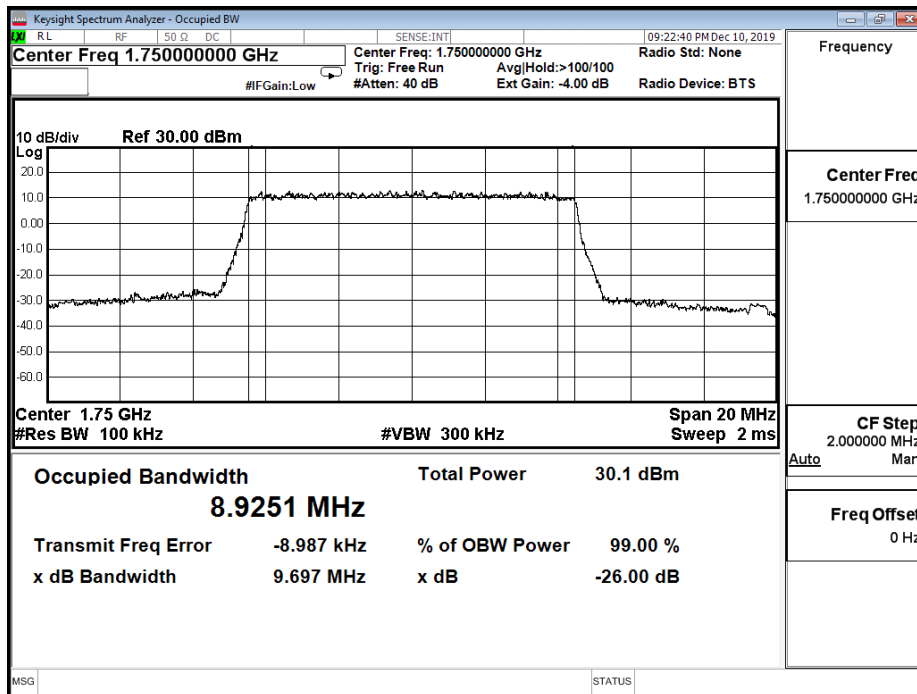
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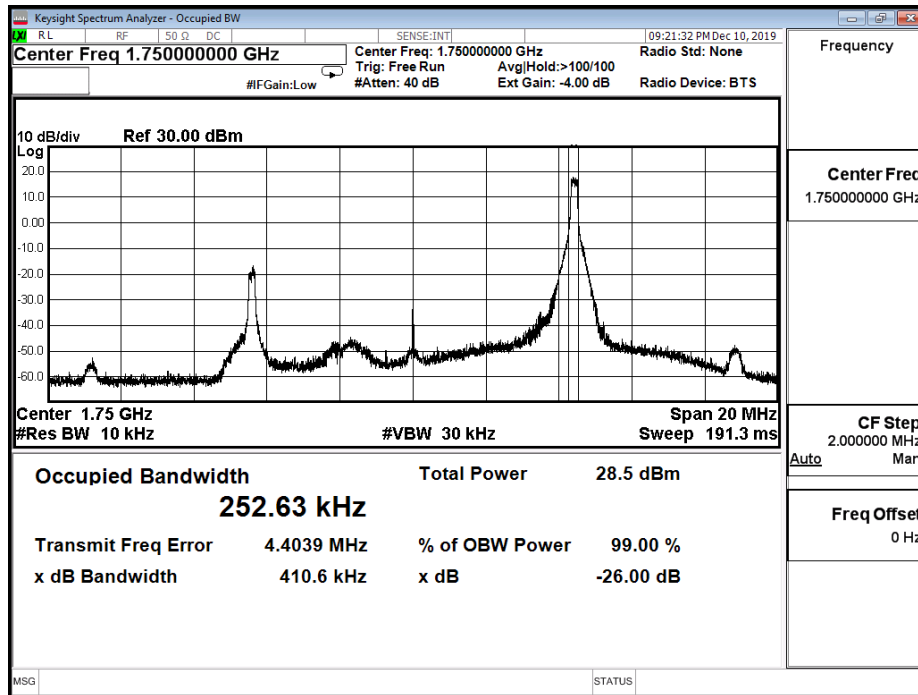
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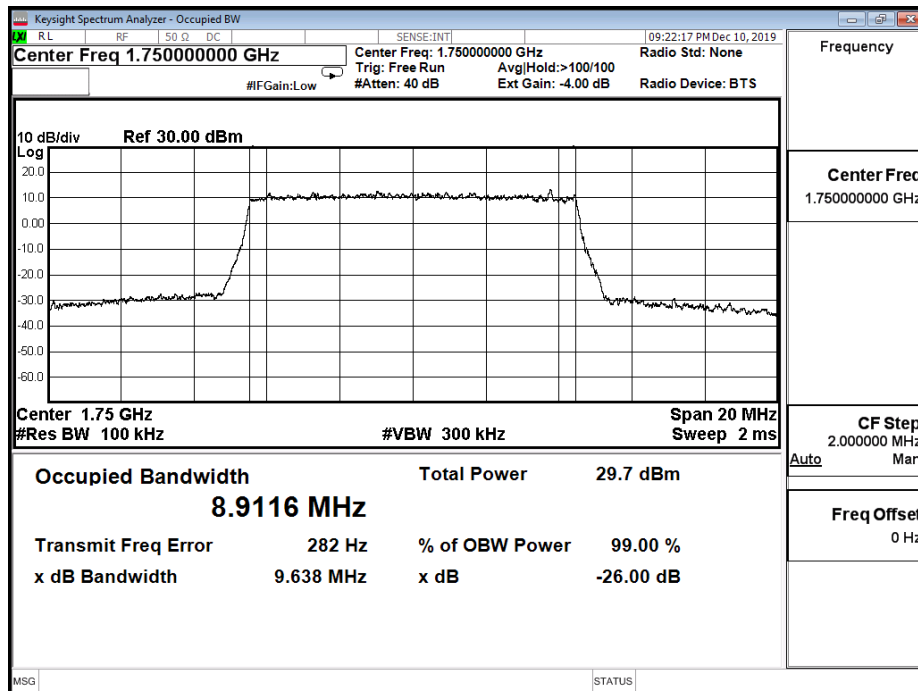
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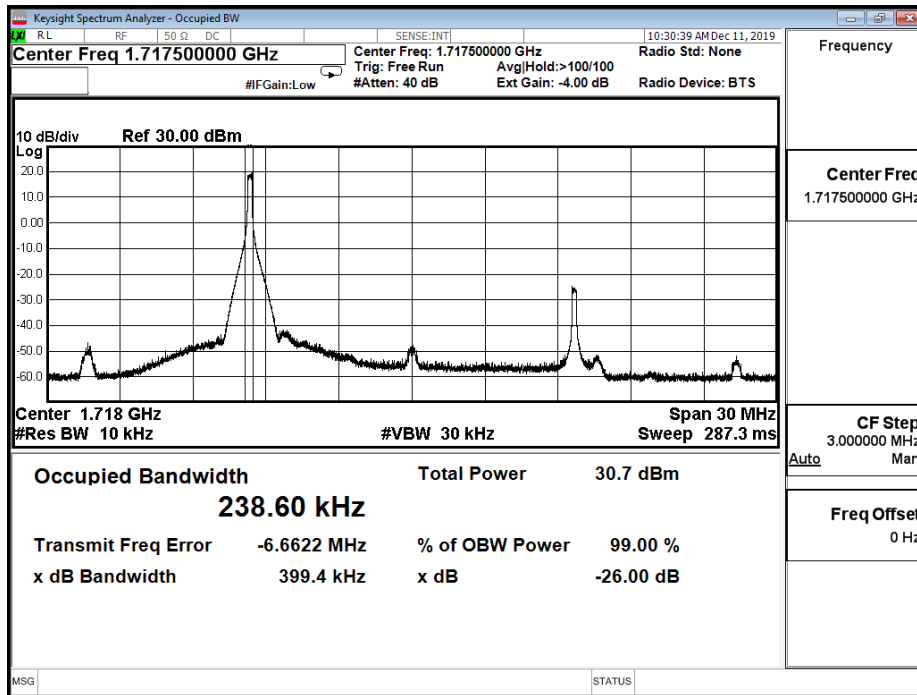
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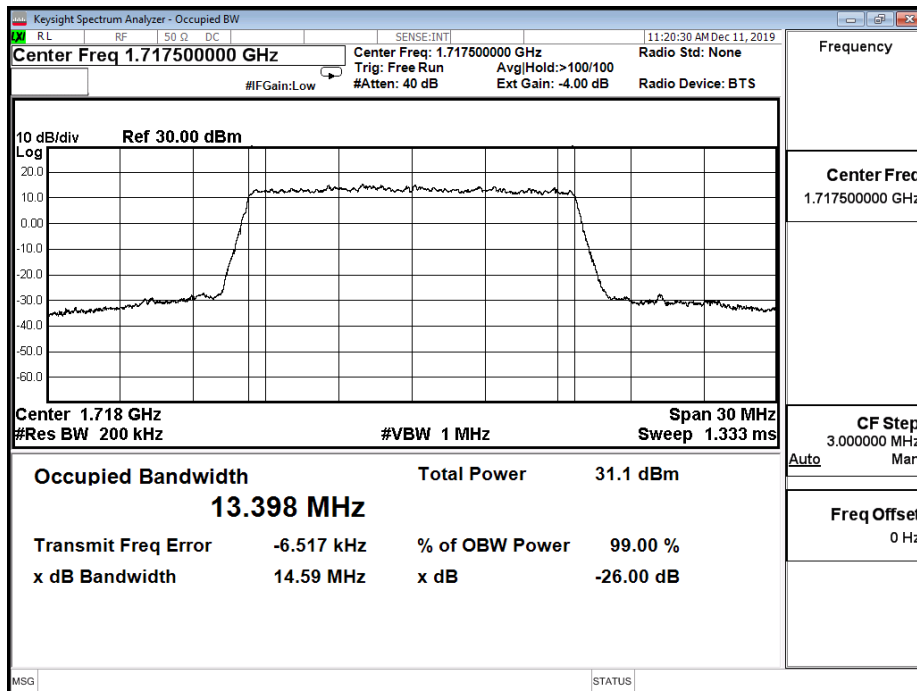
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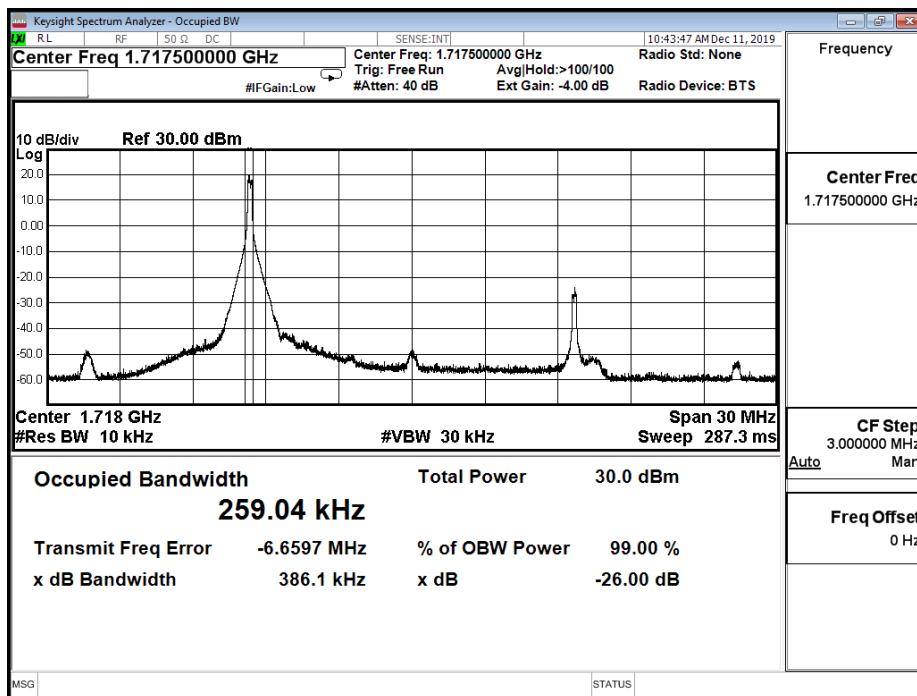
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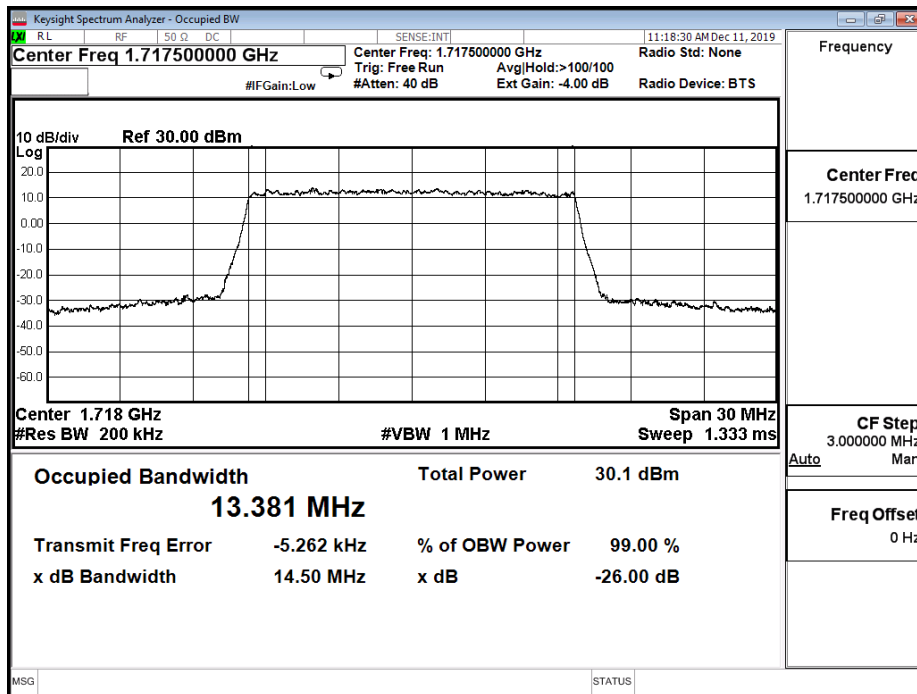
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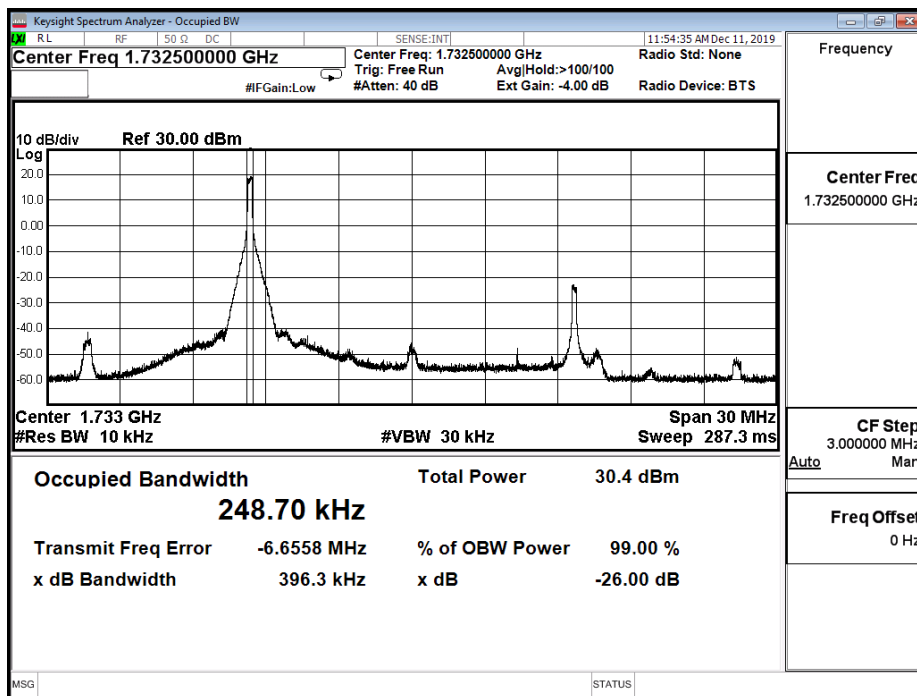
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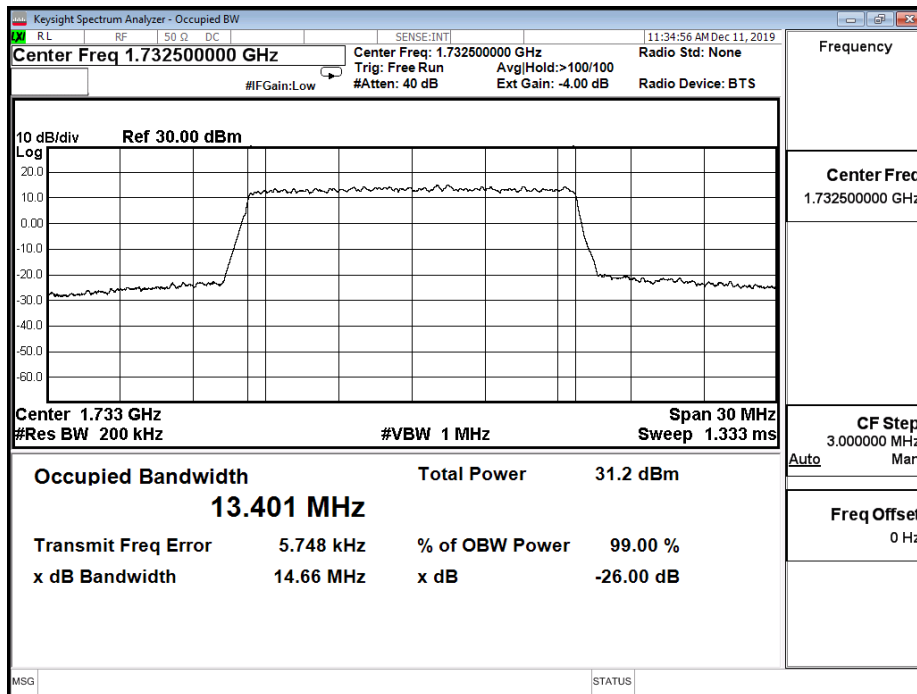
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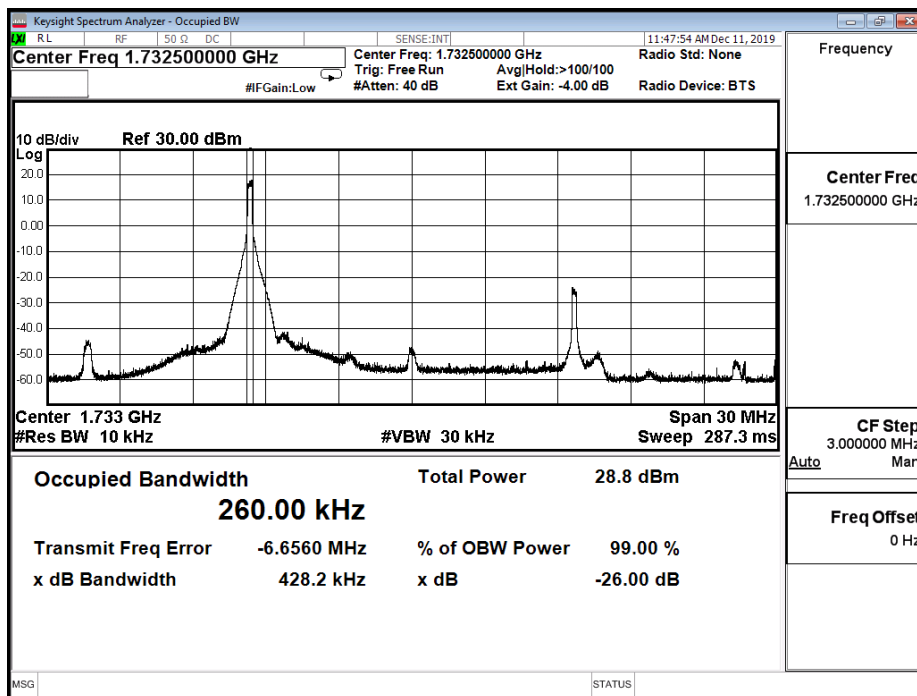
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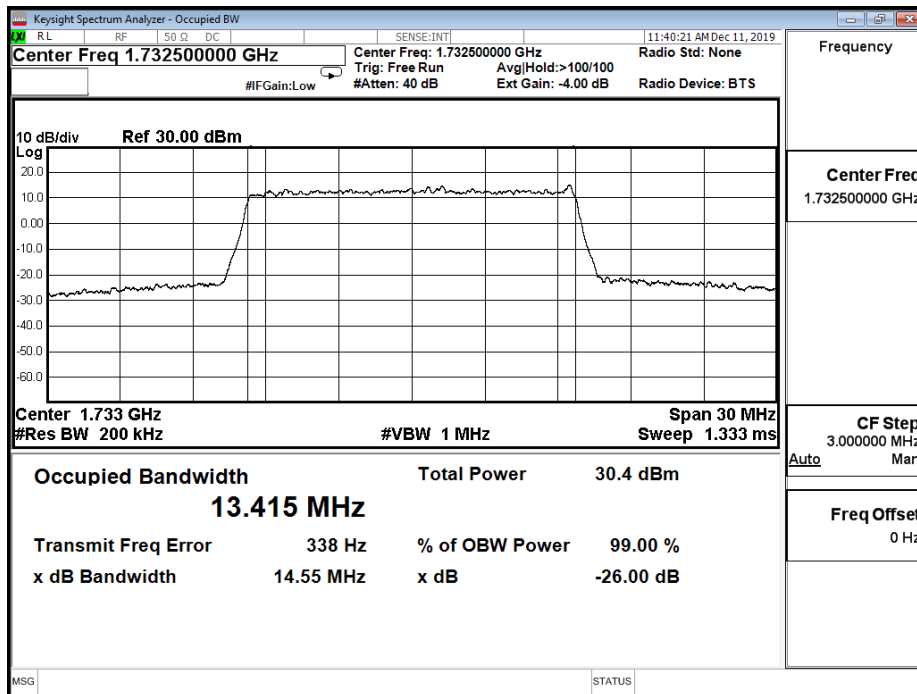
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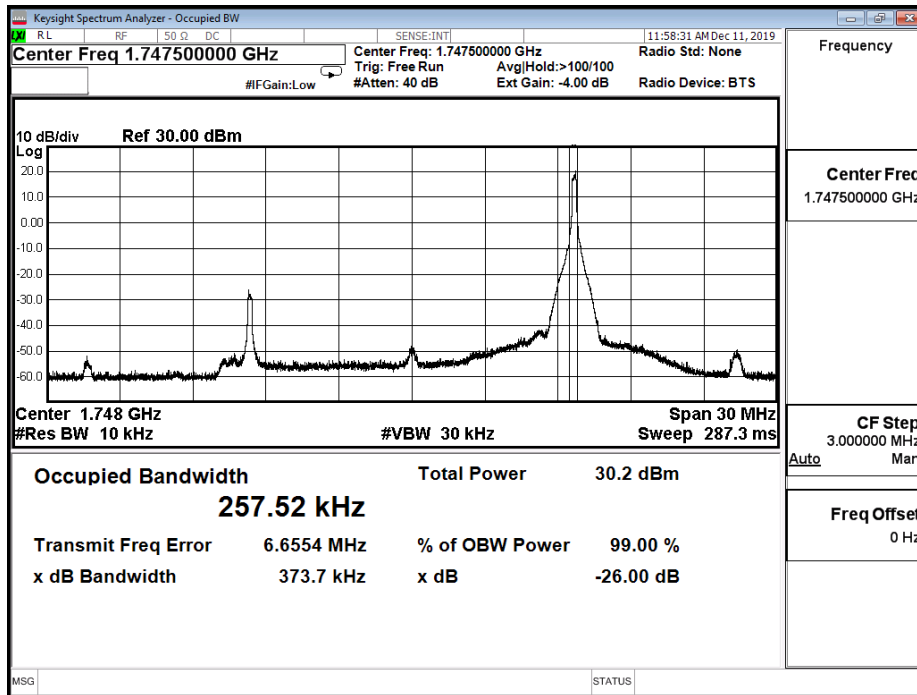
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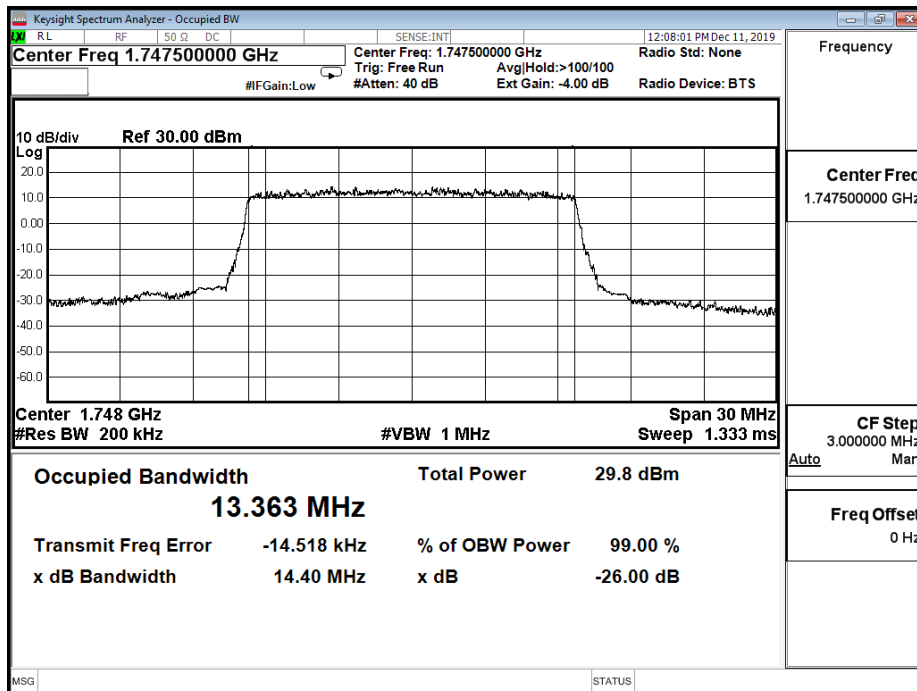
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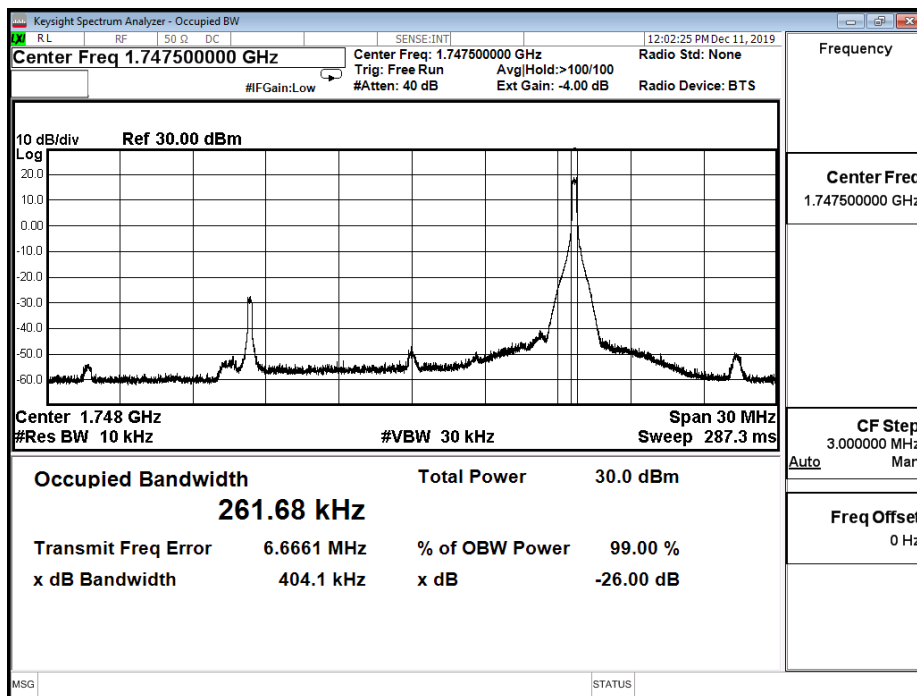
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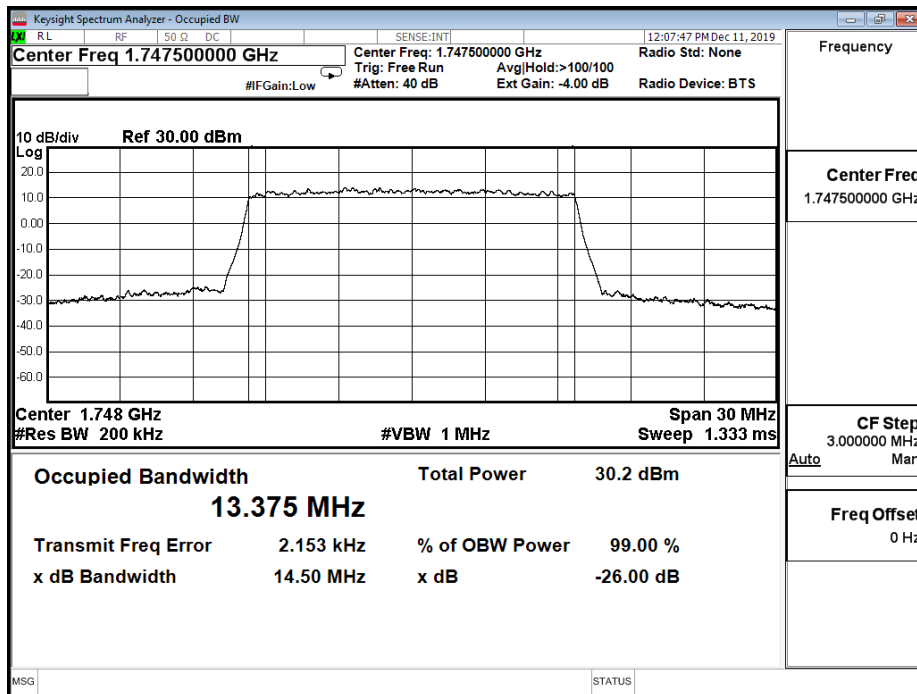
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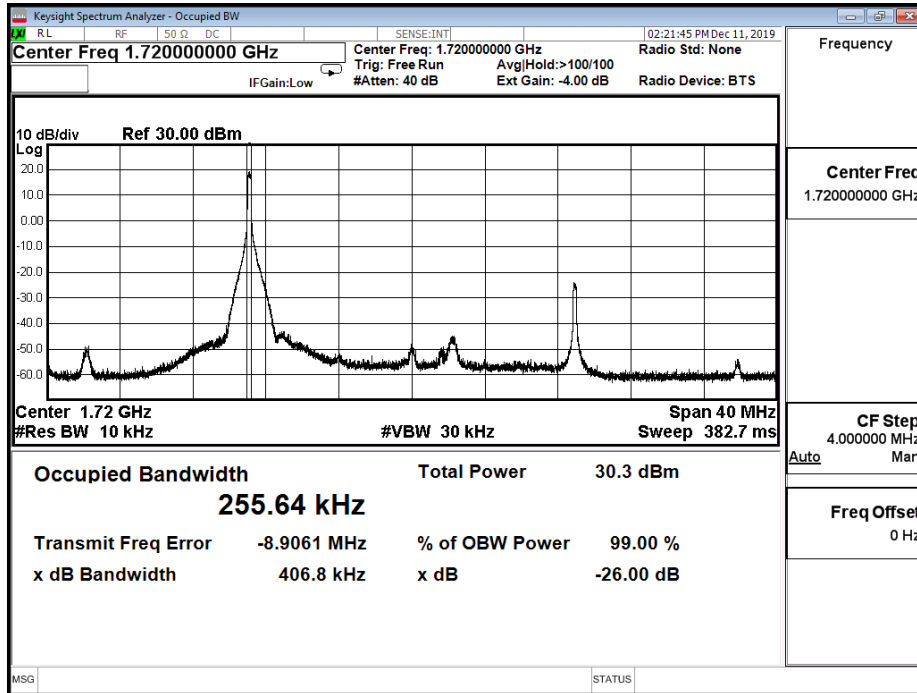
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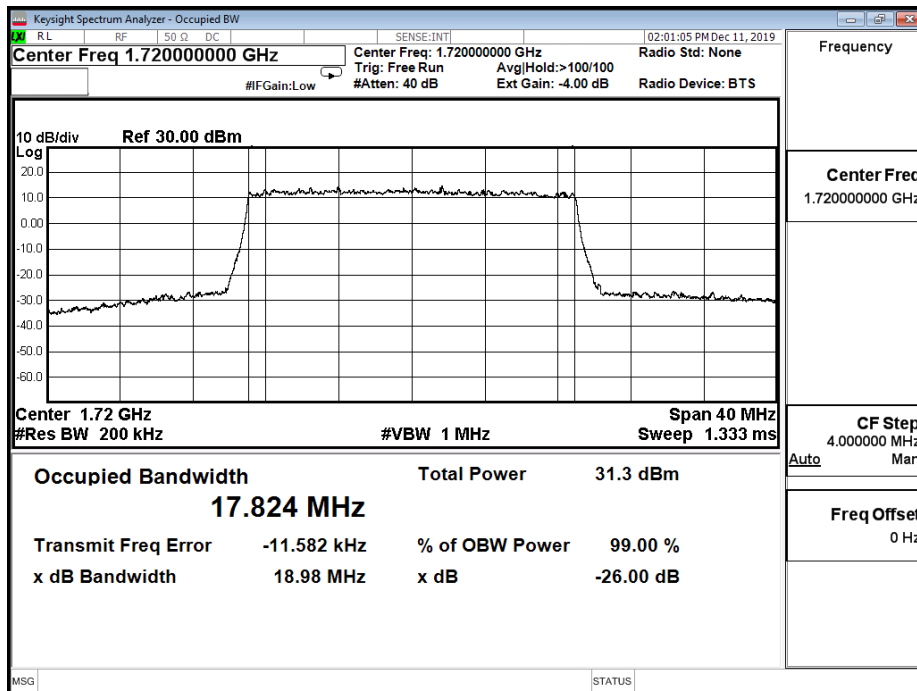
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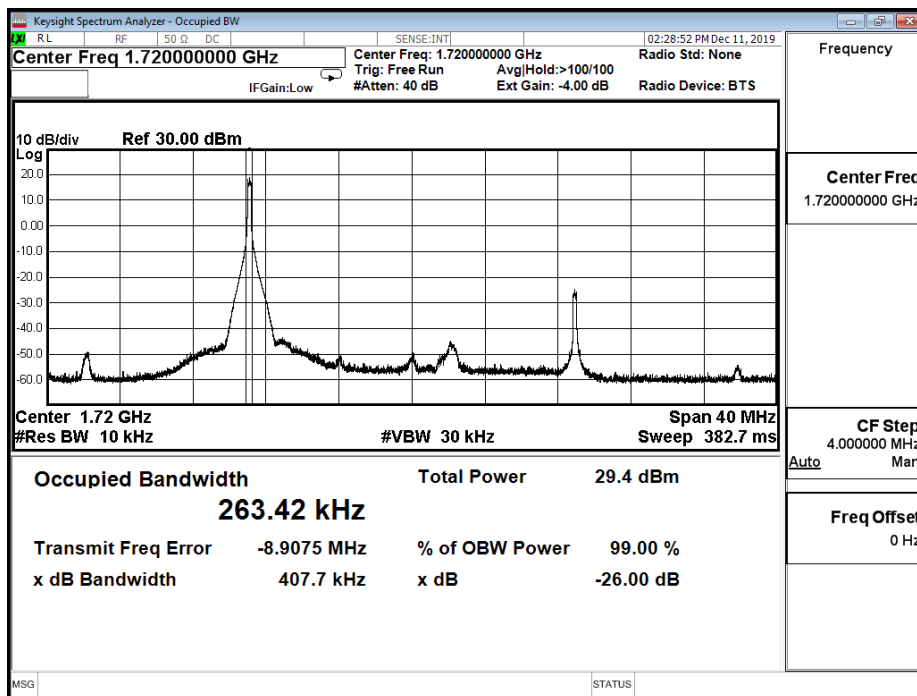
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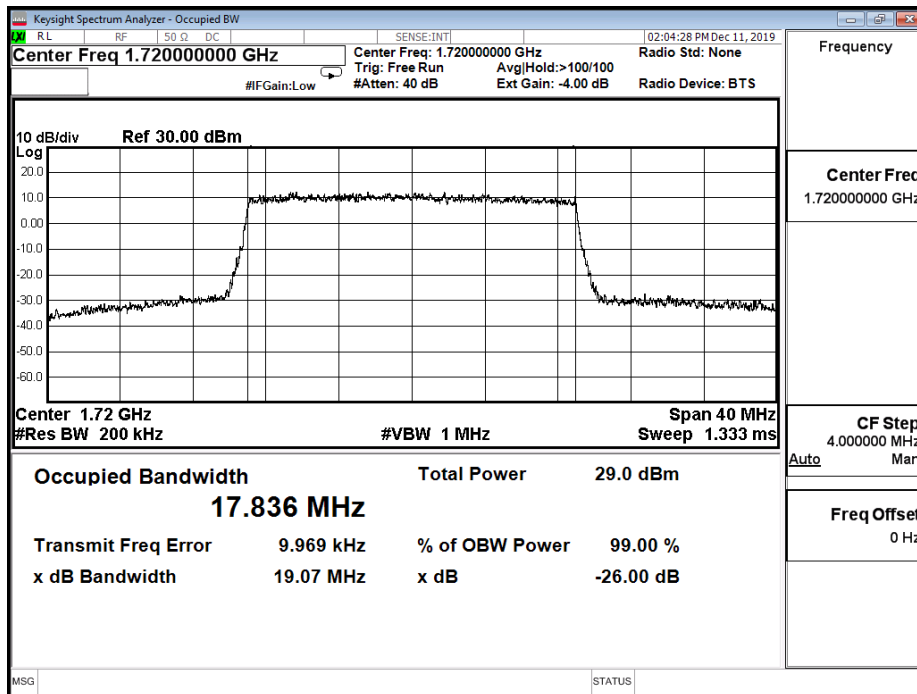
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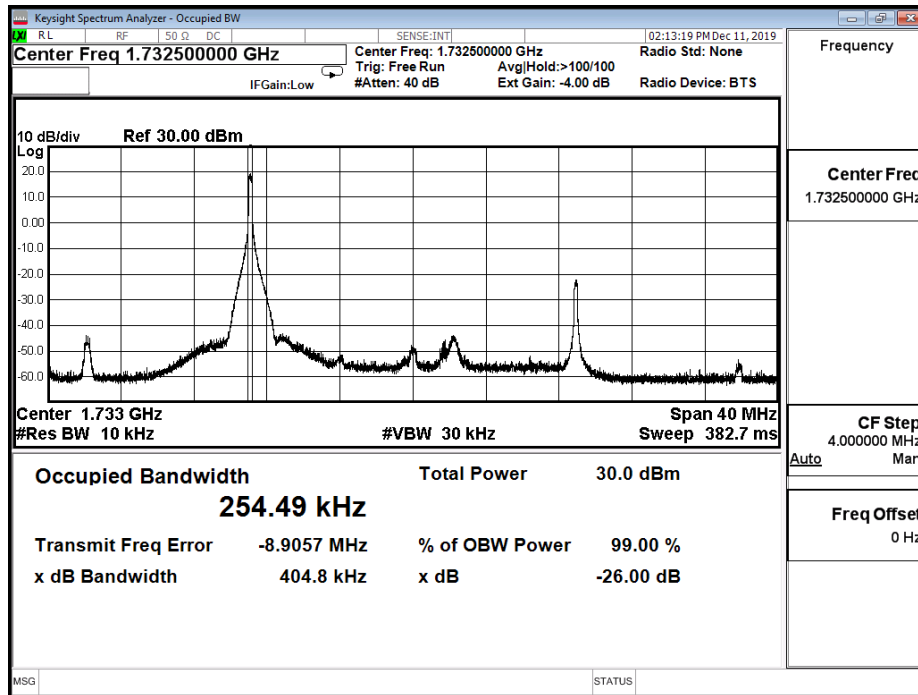
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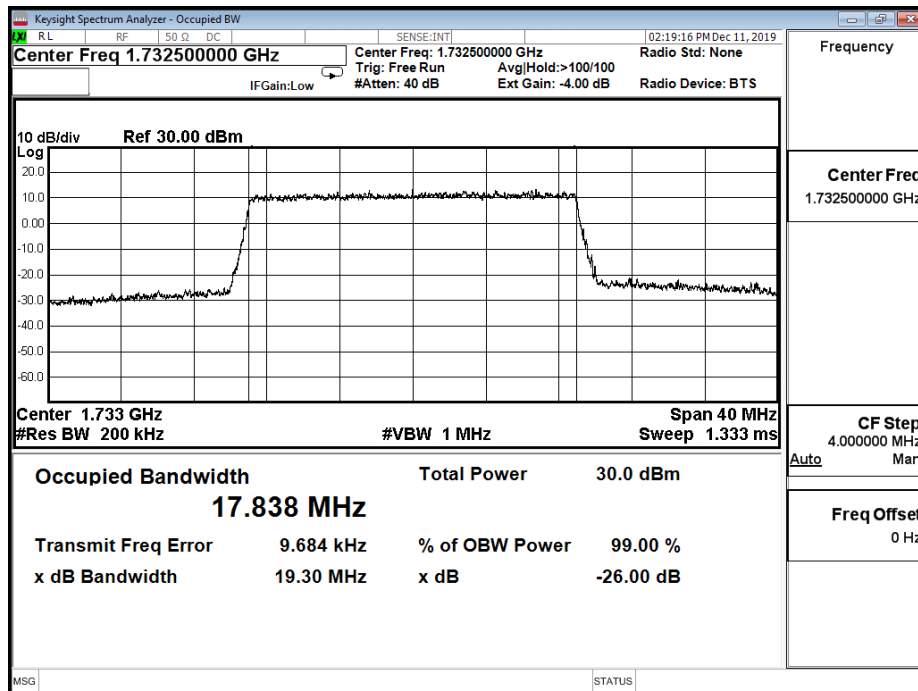
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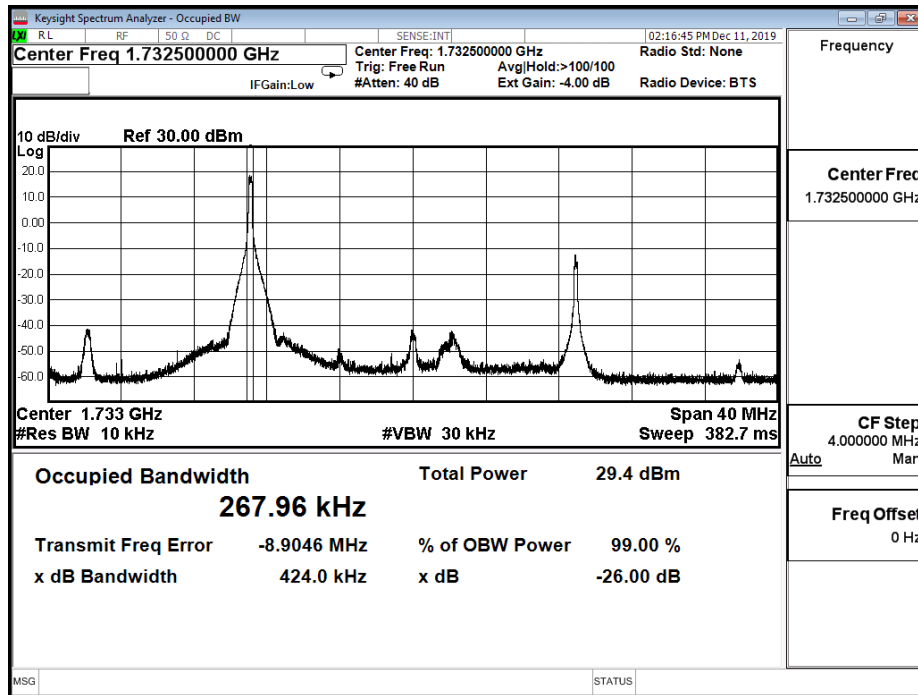
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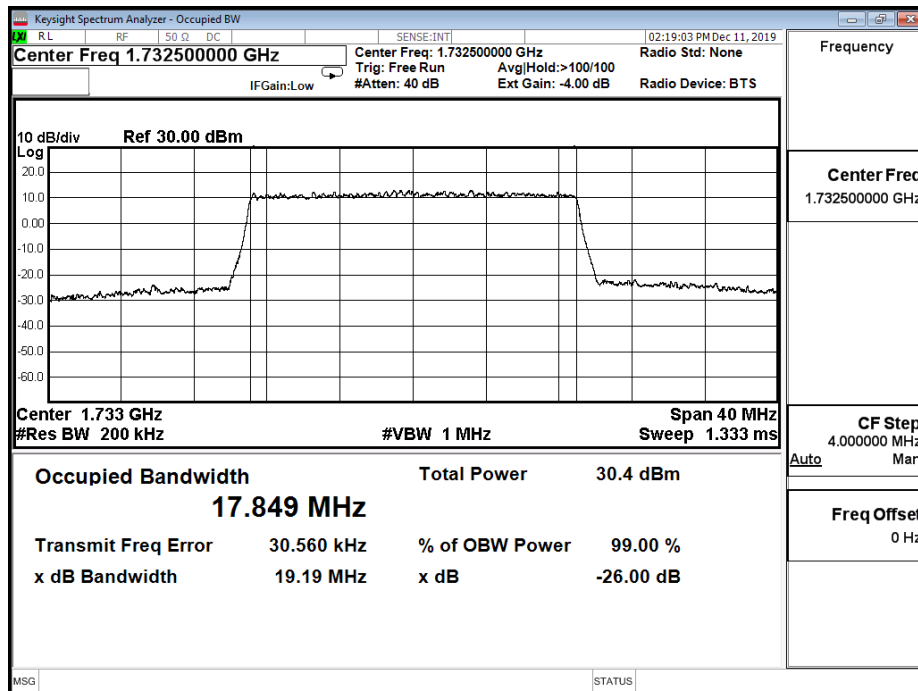
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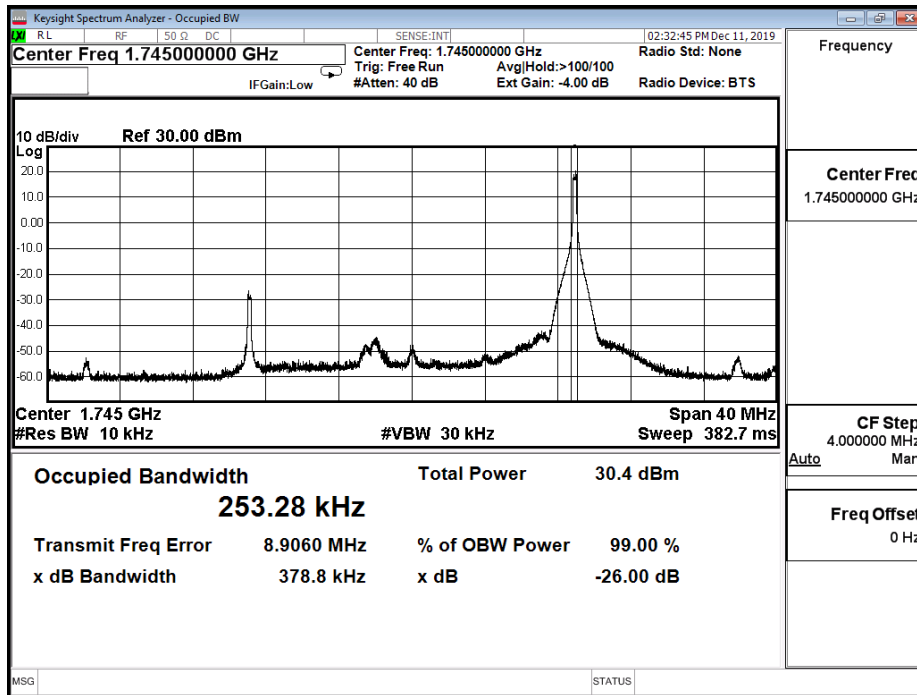
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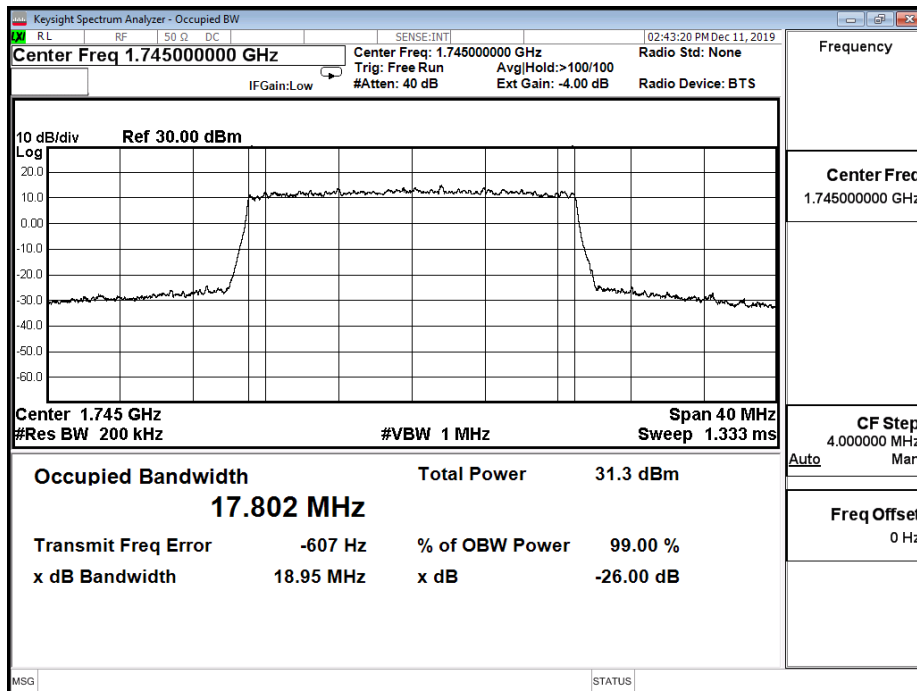
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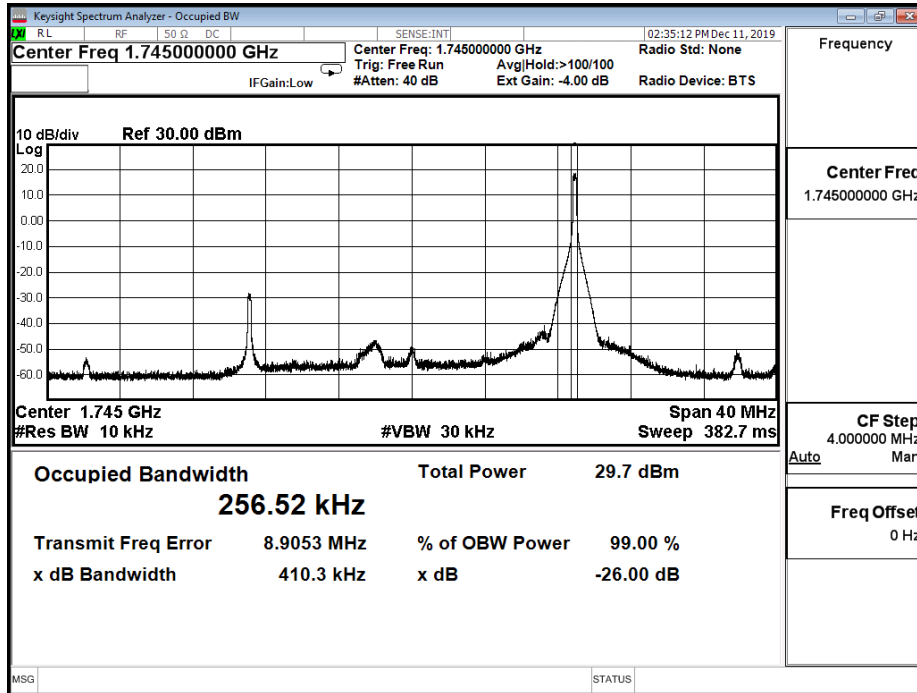
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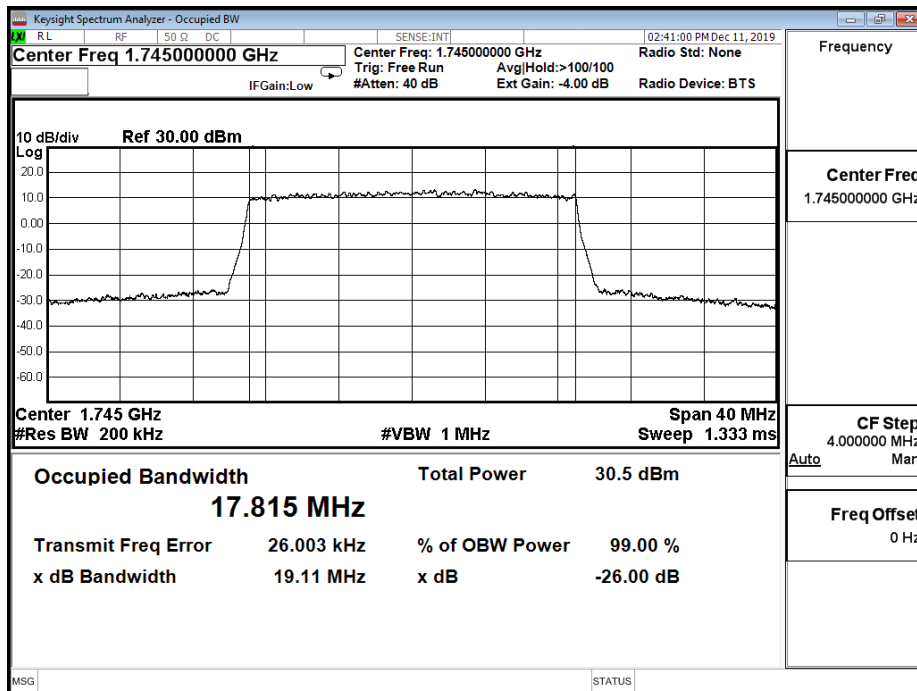
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B4_CH20300_20M_16-QAM_1RB99



B4_CH20300_20M_16-QAM_100RB0

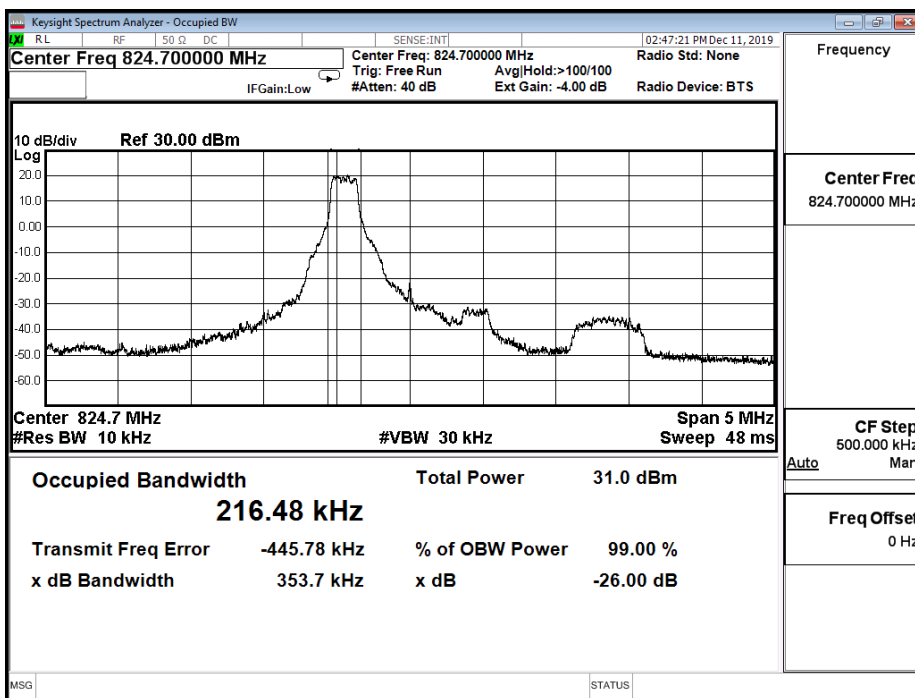


Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2019/12/11	Test Site	SR12-H
Temperature (°C)	24.0°C	Humidity (%RH)	59%RH

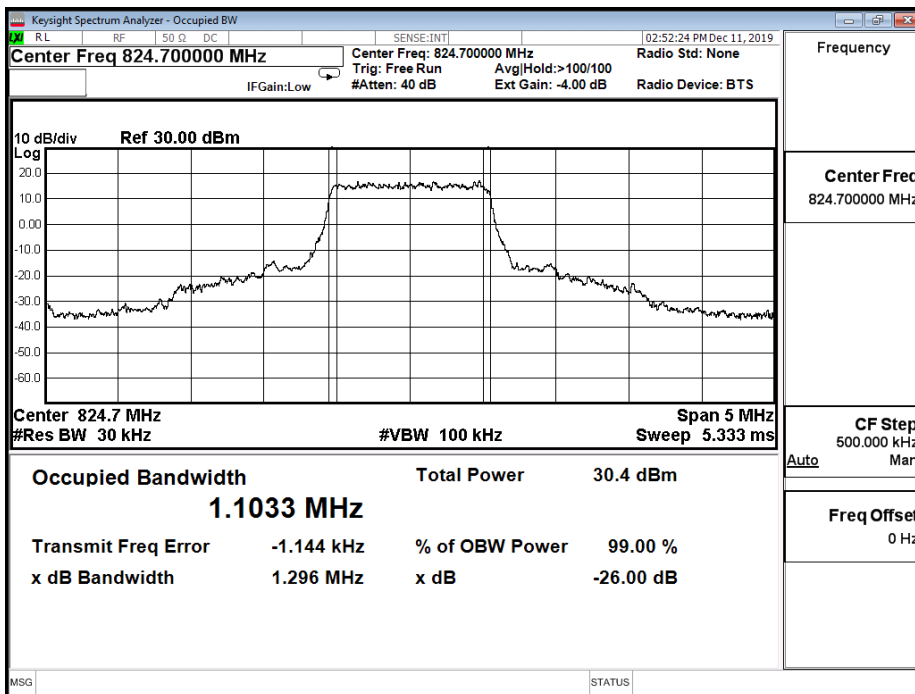
LTE Band 5_1RB Low/high					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	824.7	0.353	0.216	N/A
		836.5	0.360	0.219	N/A
		848.3	0.346	0.213	N/A
	16-QAM	824.7	0.356	0.221	N/A
		836.5	0.366	0.237	N/A
		848.3	0.347	0.219	N/A
3M	QPSK	825.5	0.335	0.216	N/A
		836.5	0.330	0.214	N/A
		847.5	0.331	0.215	N/A
	16-QAM	825.5	0.321	0.219	N/A
		836.5	0.341	0.218	N/A
		847.5	0.365	0.223	N/A
5M	QPSK	826.5	0.390	0.235	N/A
		836.5	0.413	0.245	N/A
		846.5	0.353	0.231	N/A
	16-QAM	826.5	0.383	0.237	N/A
		836.5	0.412	0.235	N/A
		846.5	0.371	0.228	N/A
10M	QPSK	829.0	0.418	0.247	N/A
		836.5	0.403	0.248	N/A
		844.0	0.399	0.250	N/A
	16-QAM	829.0	0.381	0.245	N/A
		836.5	0.400	0.242	N/A
		844.0	0.407	0.241	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	1.296	1.103	N/A
		836.5	1.318	1.103	N/A
		848.3	1.326	1.095	N/A
	16-QAM	824.7	1.321	1.098	N/A
		836.5	1.298	1.098	N/A
		848.3	1.317	1.102	N/A
3M	QPSK	825.5	2.927	2.686	N/A
		836.5	2.970	2.685	N/A
		847.5	2.942	2.689	N/A
	16-QAM	825.5	2.962	2.685	N/A
		836.5	2.948	2.681	N/A
		847.5	2.933	2.679	N/A
5M	QPSK	826.5	4.926	4.486	N/A
		836.5	4.898	4.469	N/A
		846.5	4.896	4.468	N/A
	16-QAM	826.5	4.914	4.471	N/A
		836.5	4.924	4.476	N/A
		846.5	4.903	4.475	N/A
10M	QPSK	829.0	9.808	8.925	N/A
		836.5	9.677	8.929	N/A
		844.0	9.579	8.897	N/A
	16-QAM	829.0	9.594	8.916	N/A
		836.5	9.646	8.926	N/A
		844.0	9.656	8.905	N/A

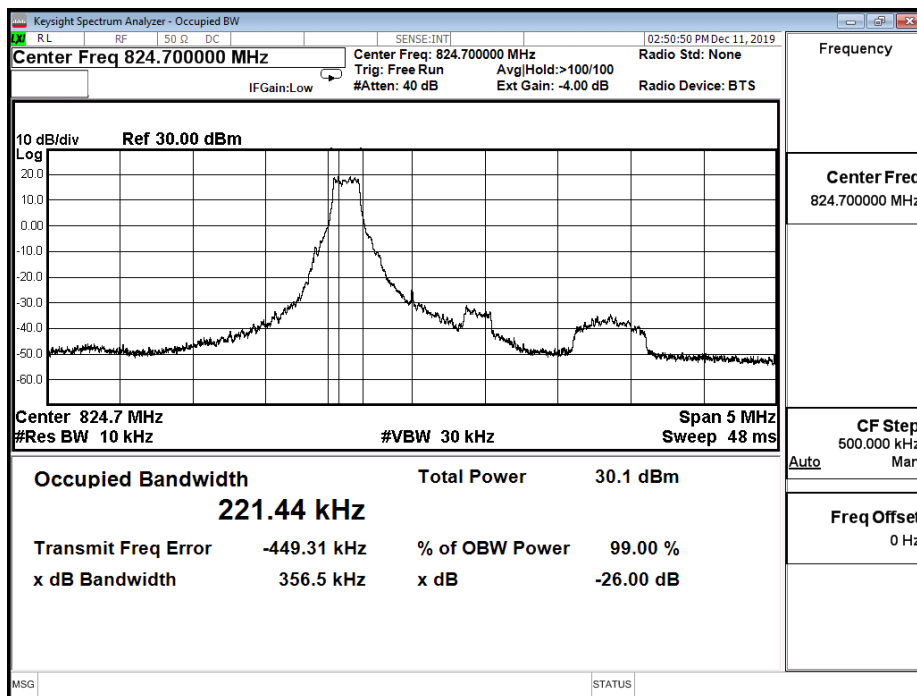
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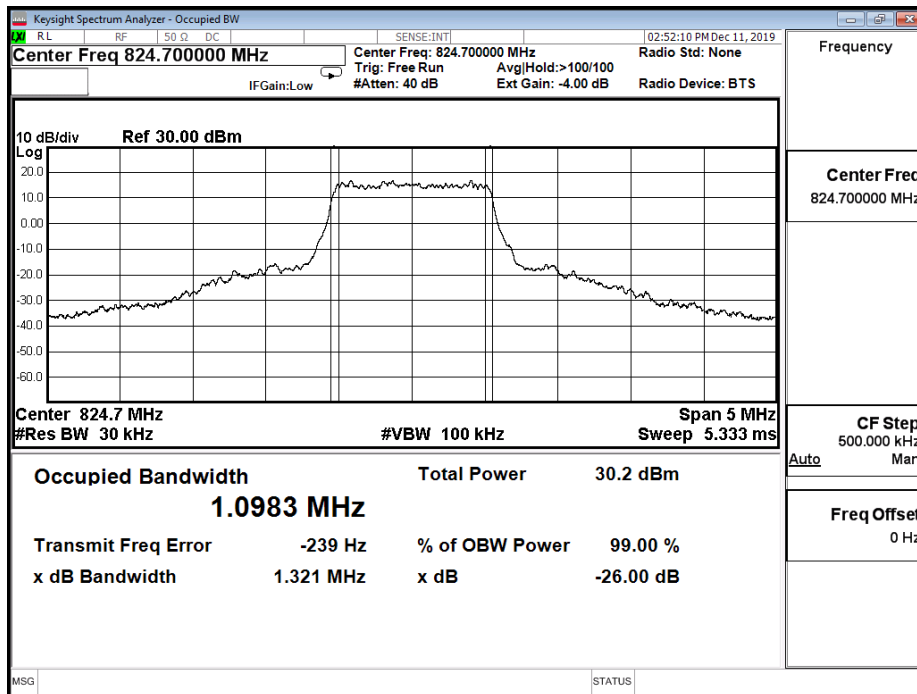
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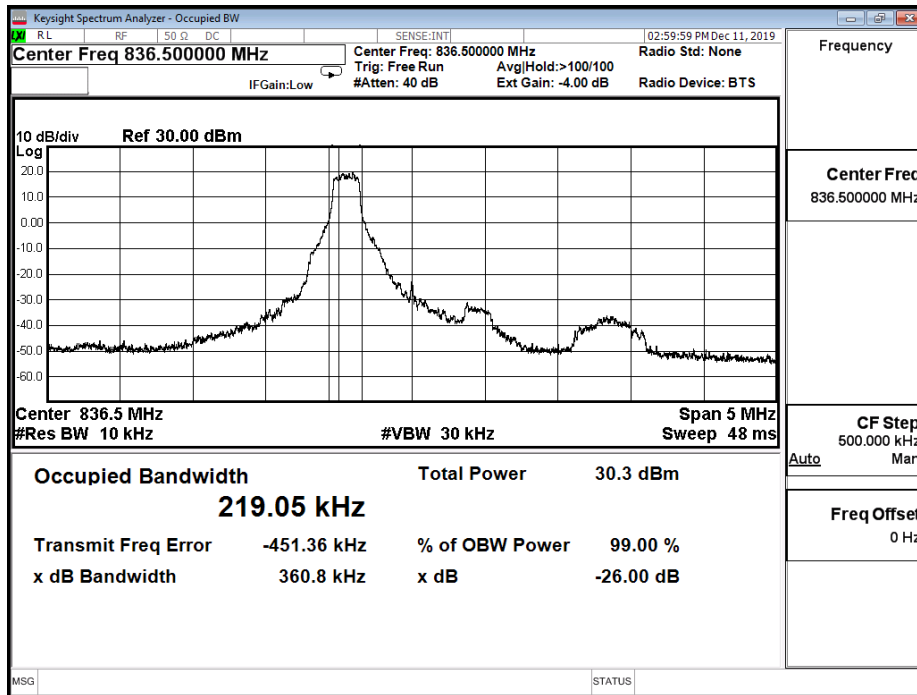
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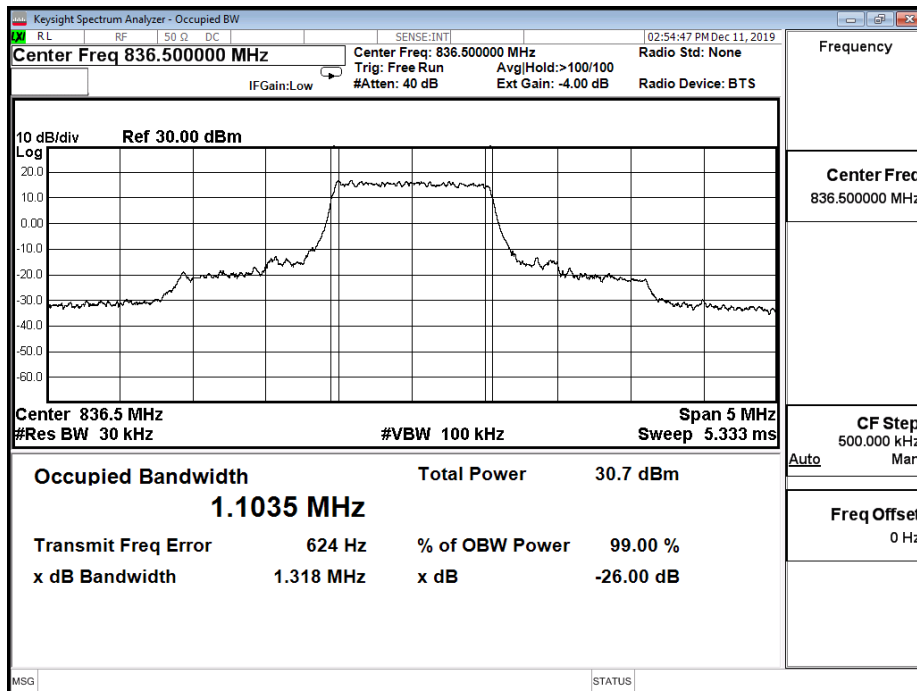
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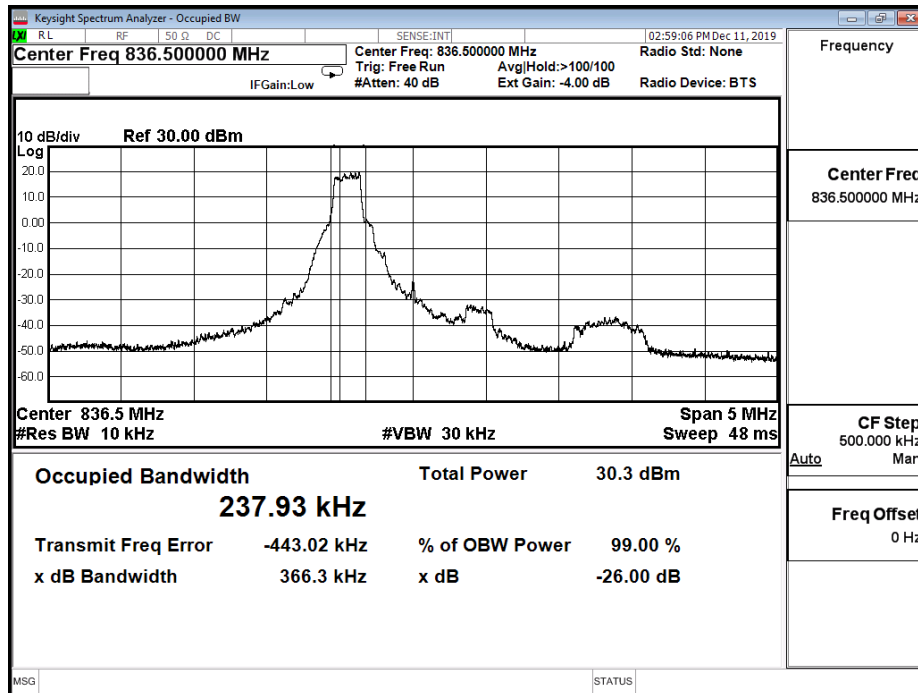
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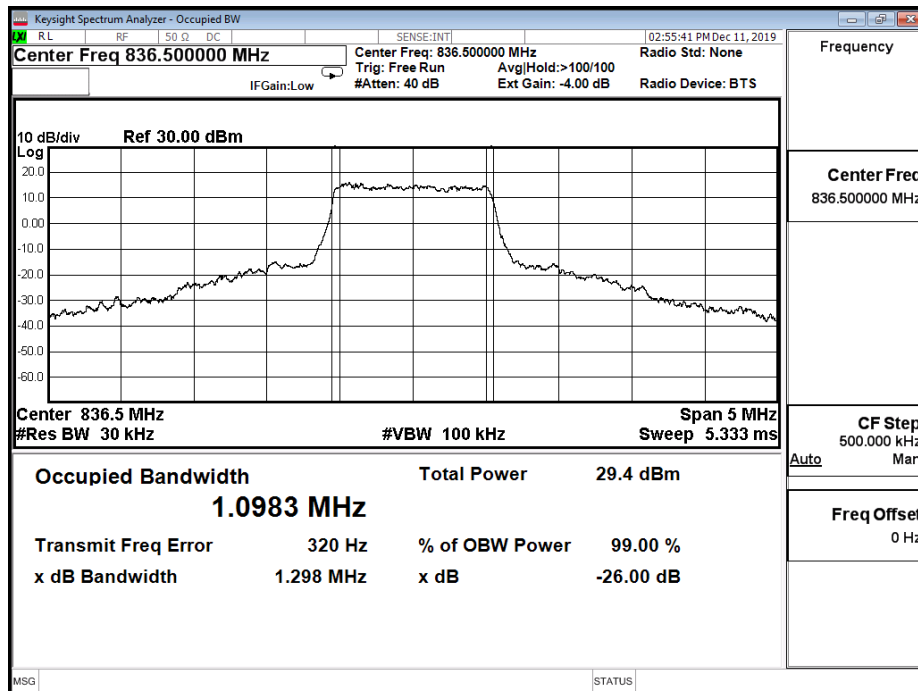
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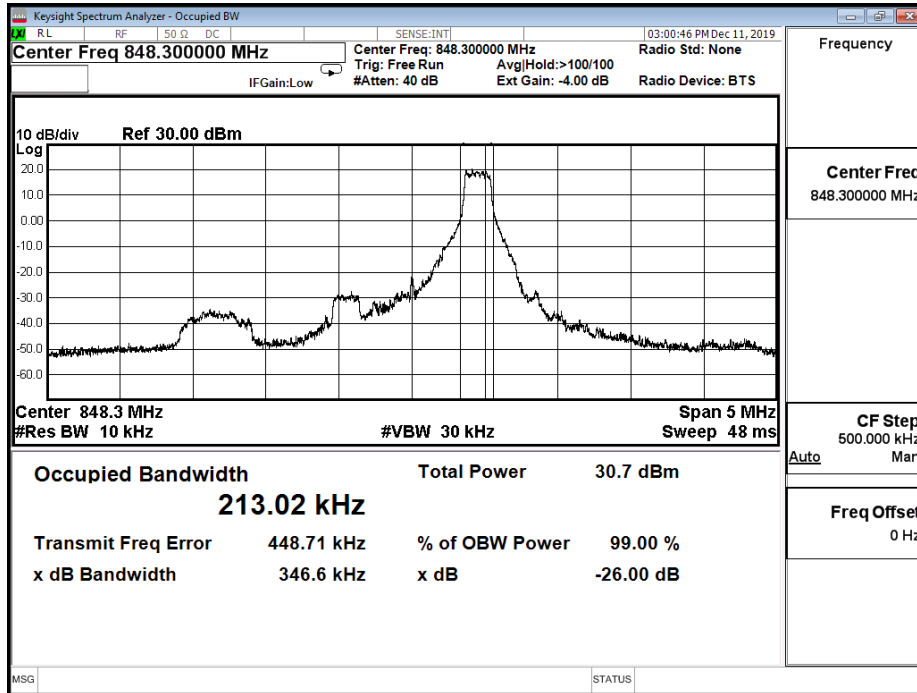
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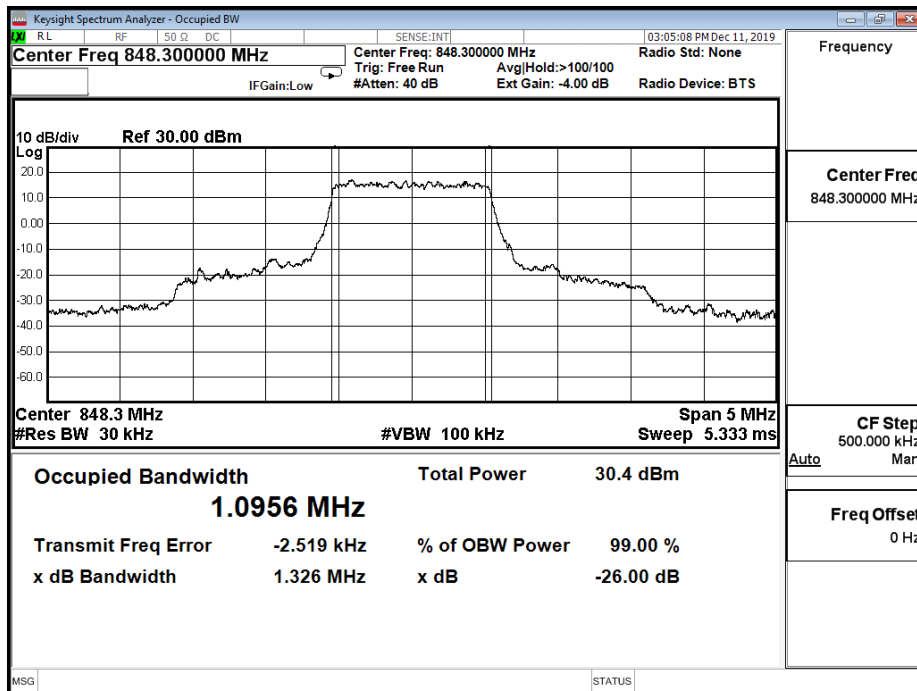
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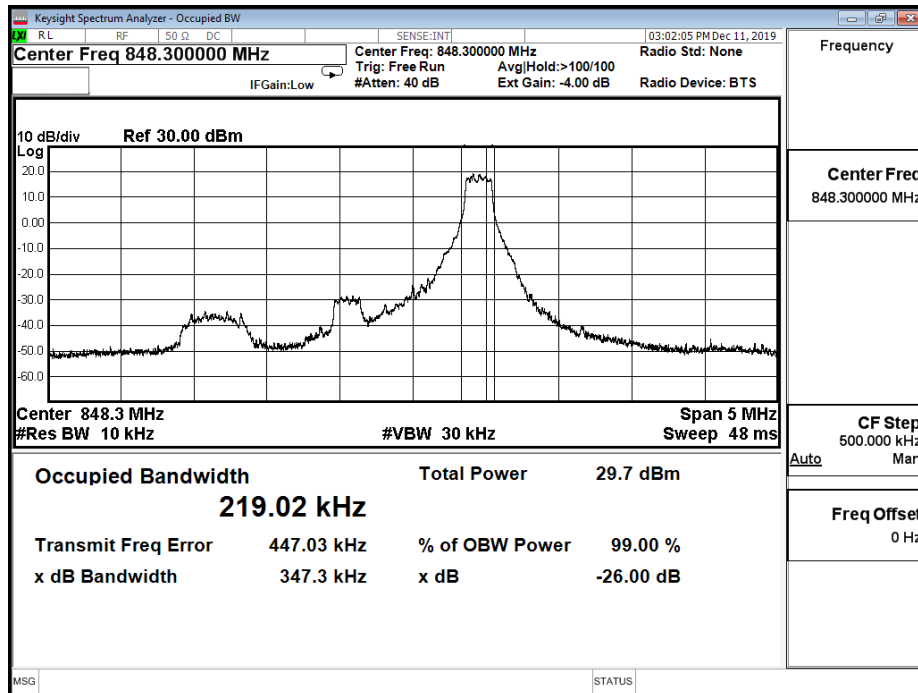
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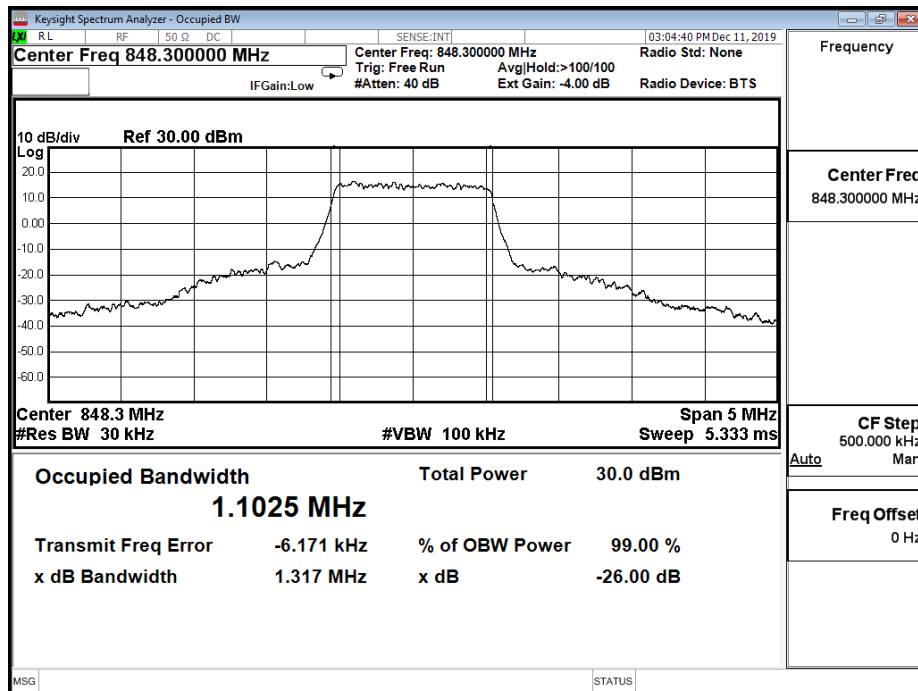
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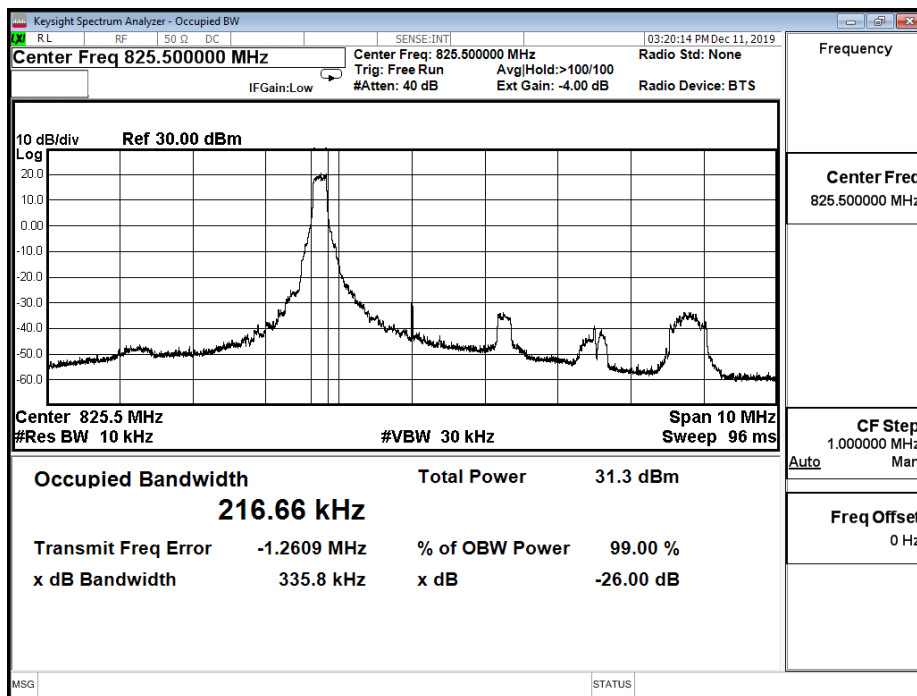
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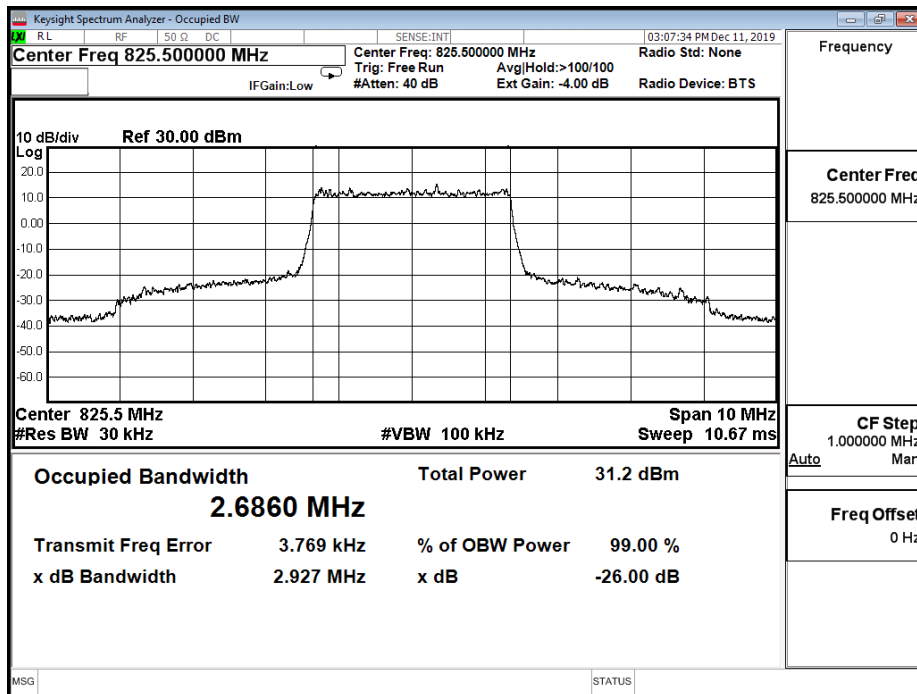
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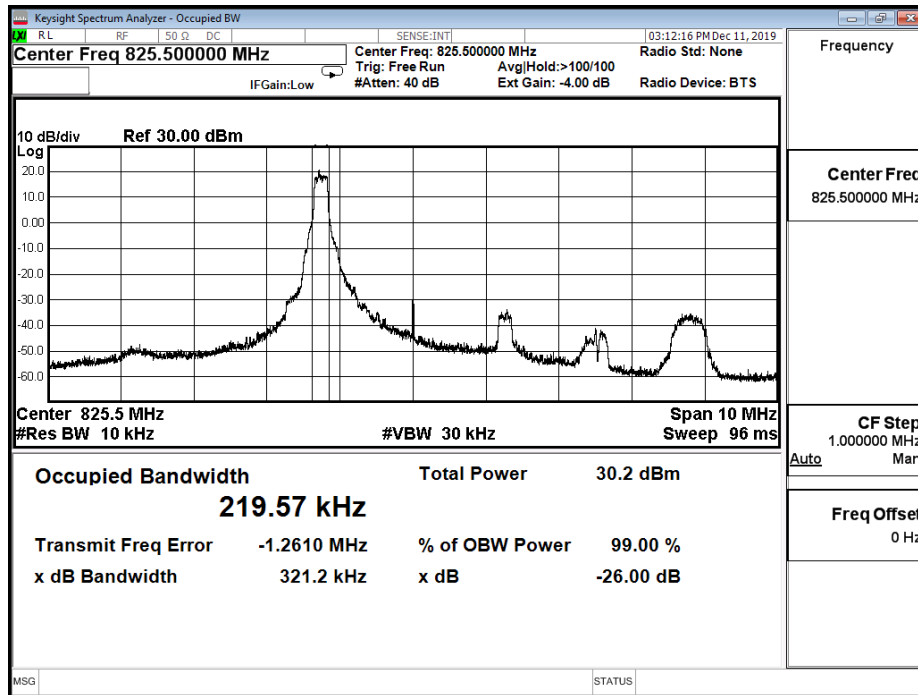
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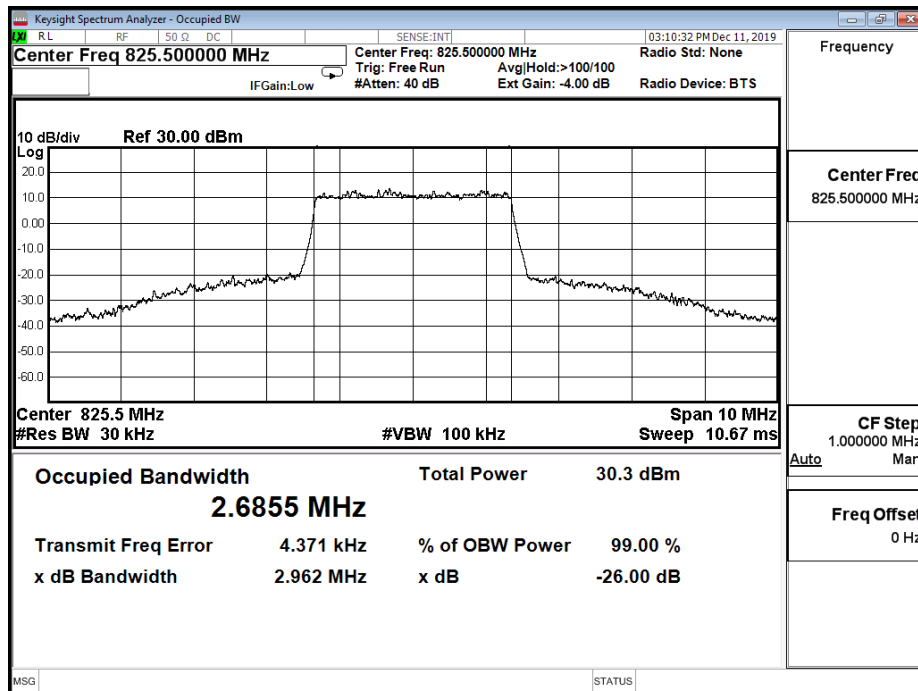
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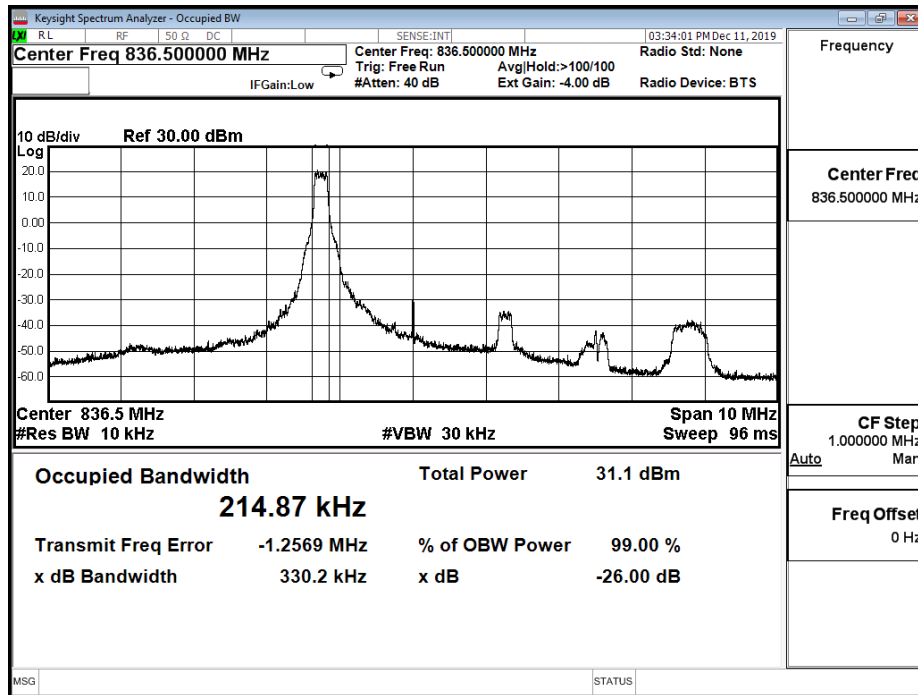
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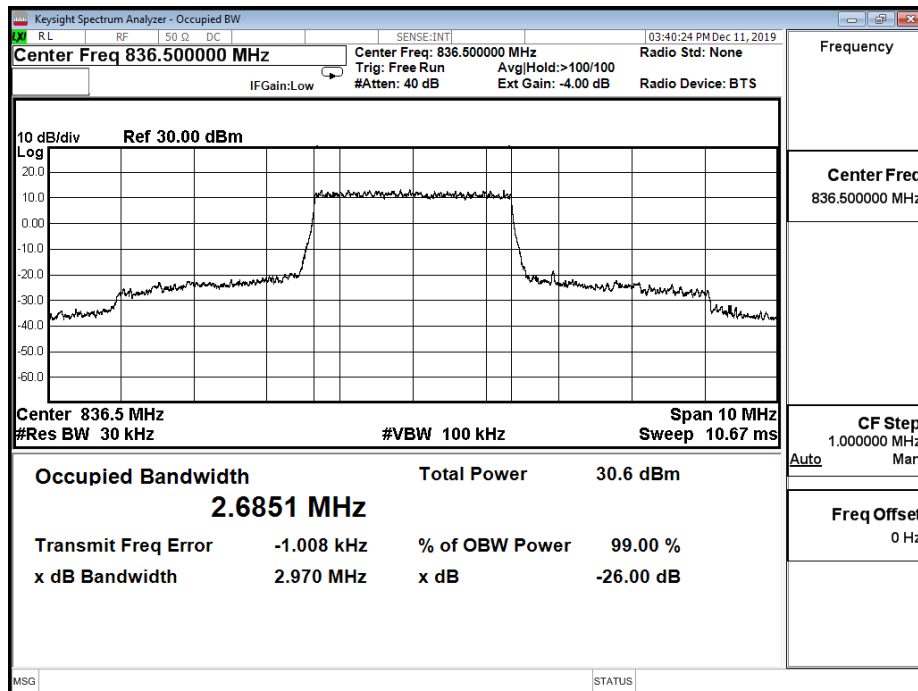
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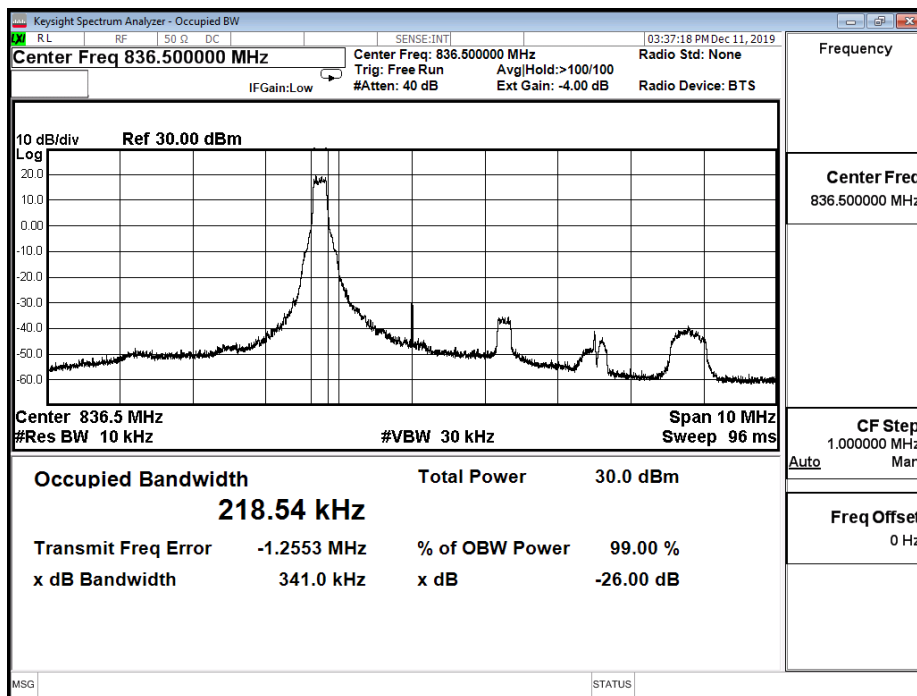
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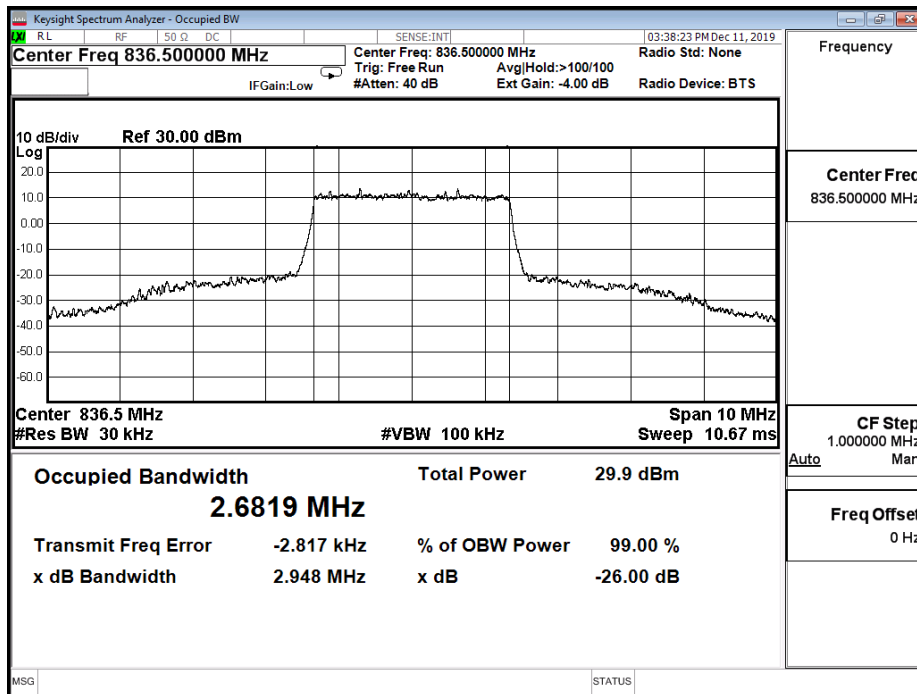
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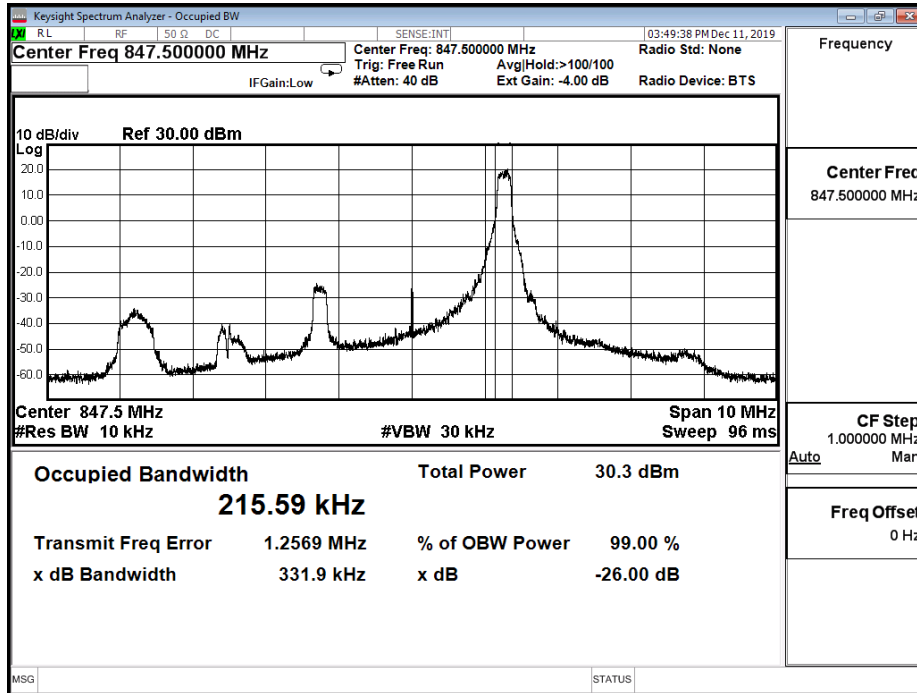
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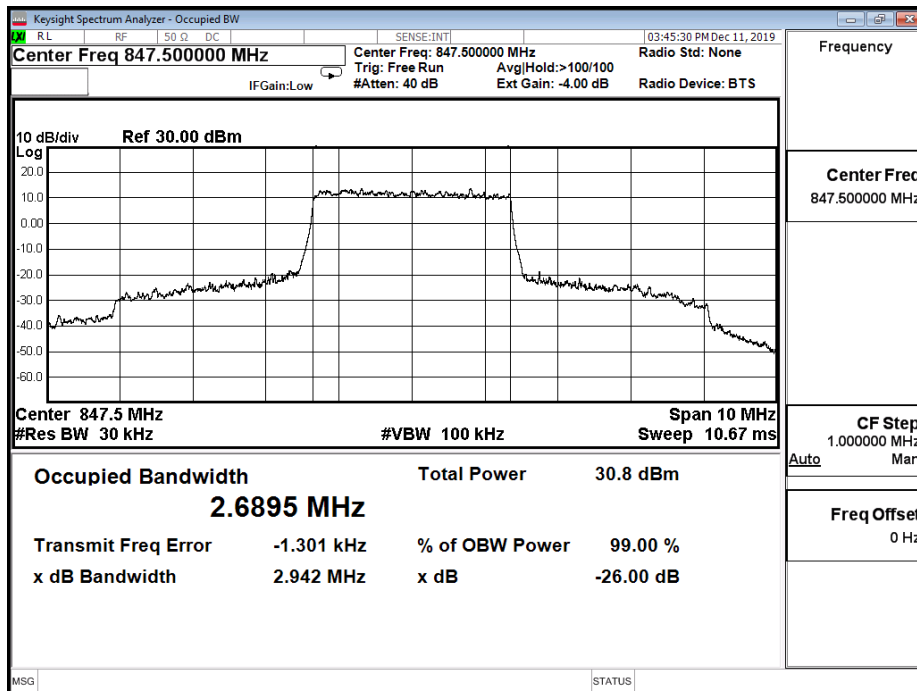
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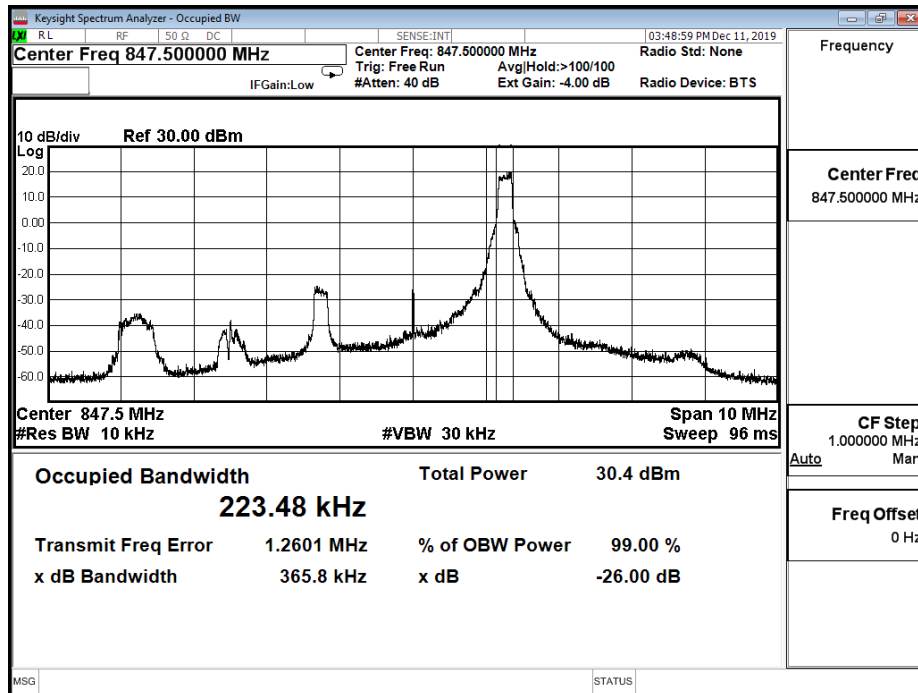
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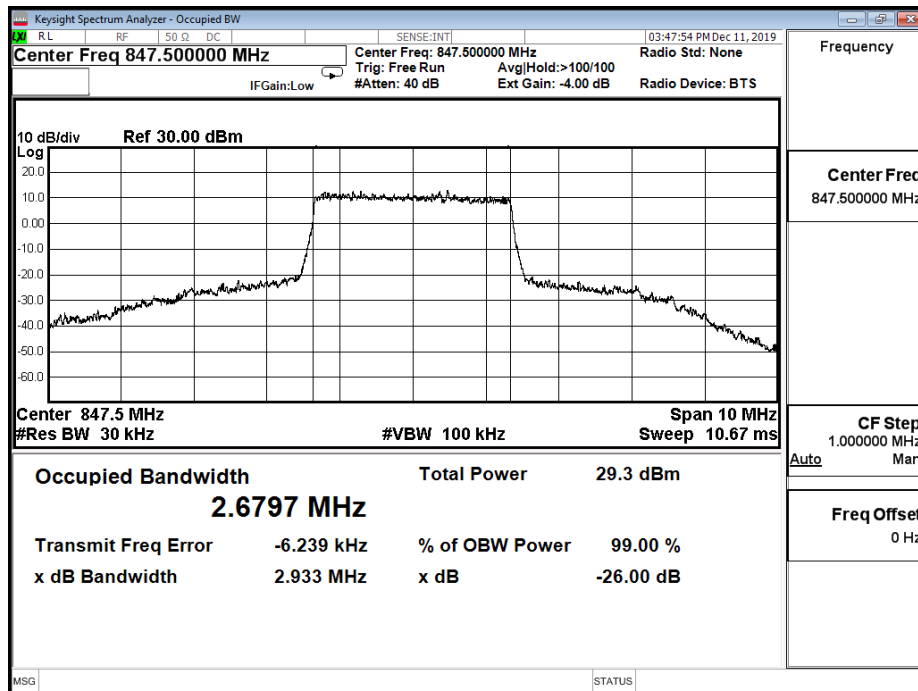
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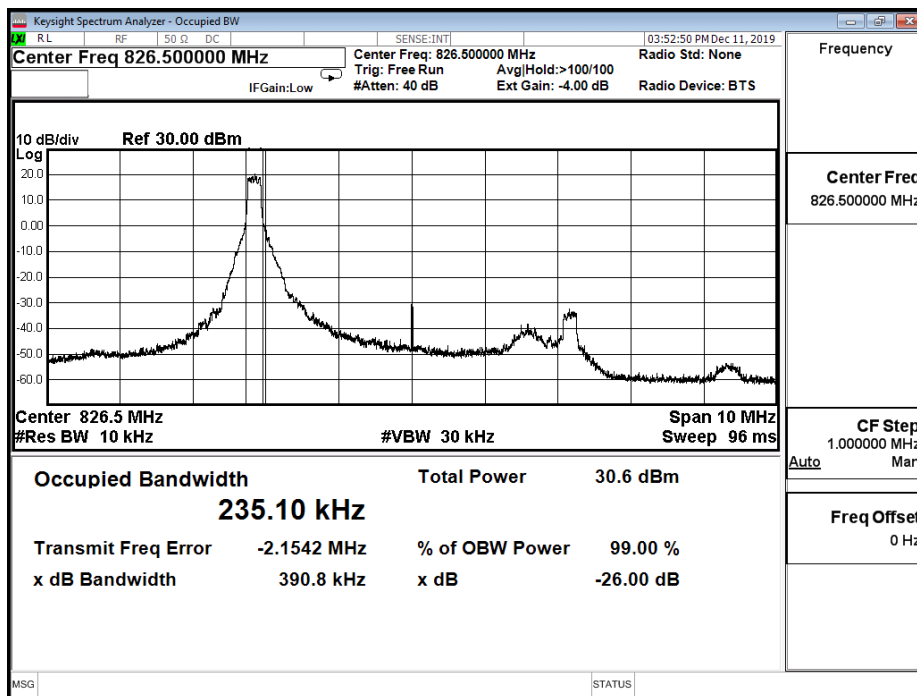
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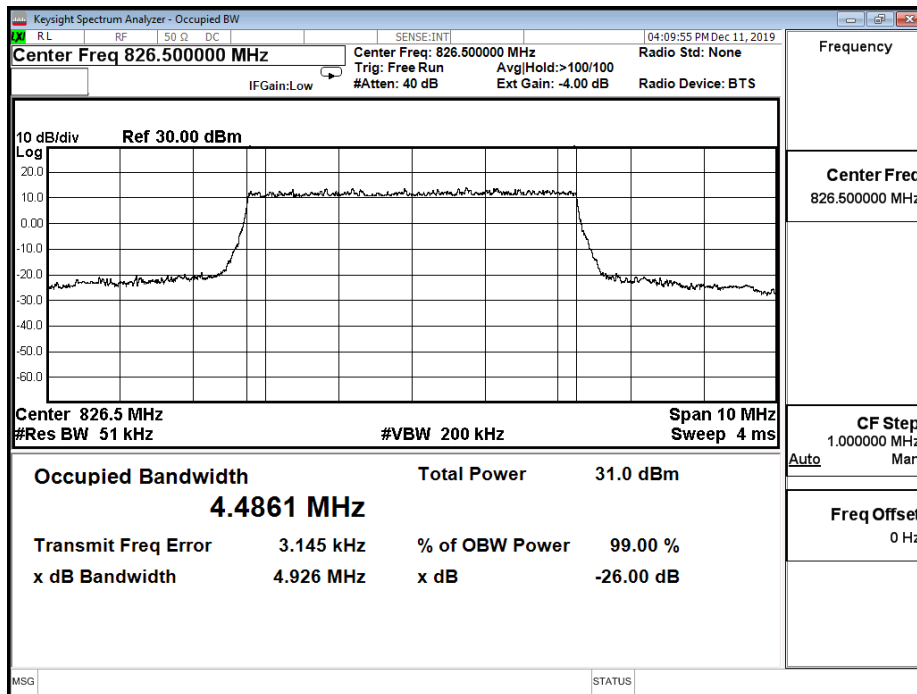
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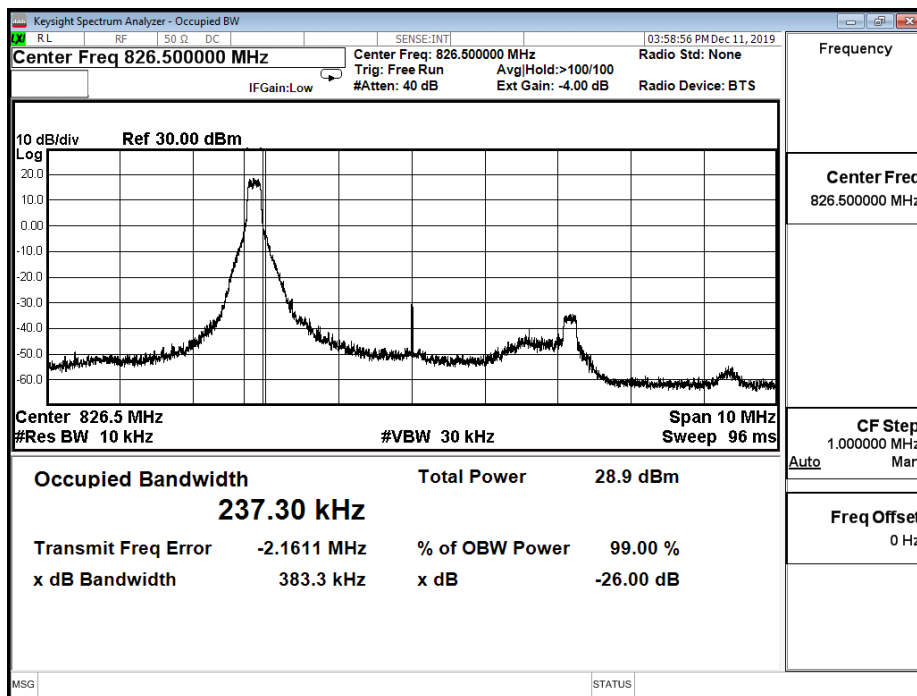
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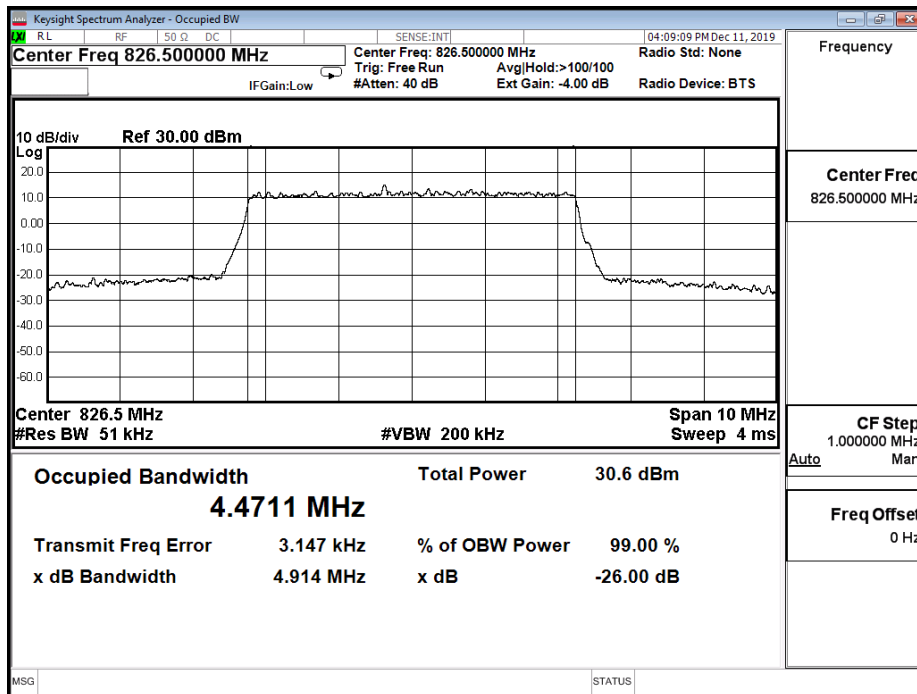
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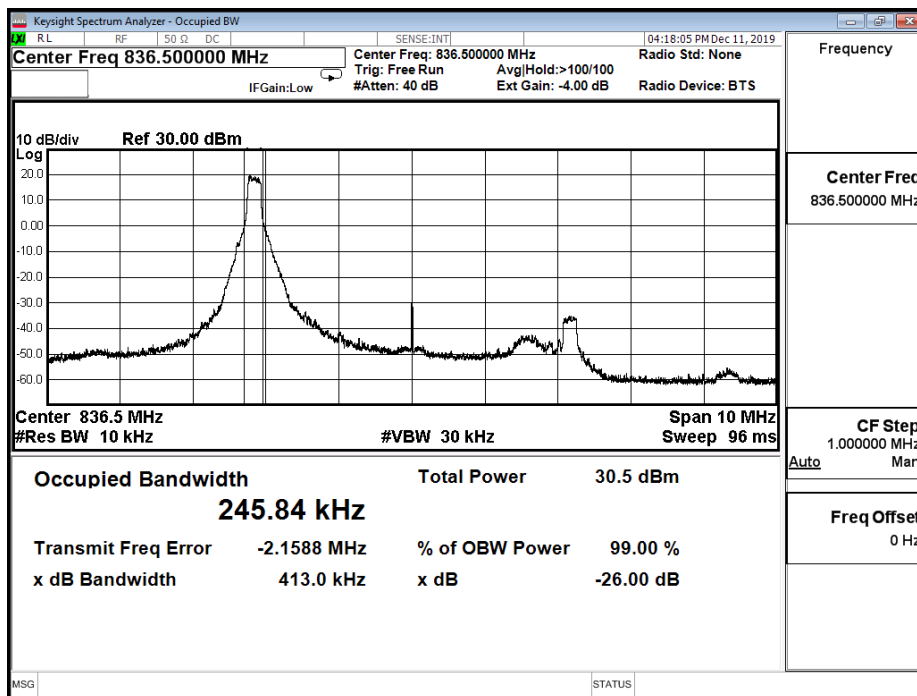
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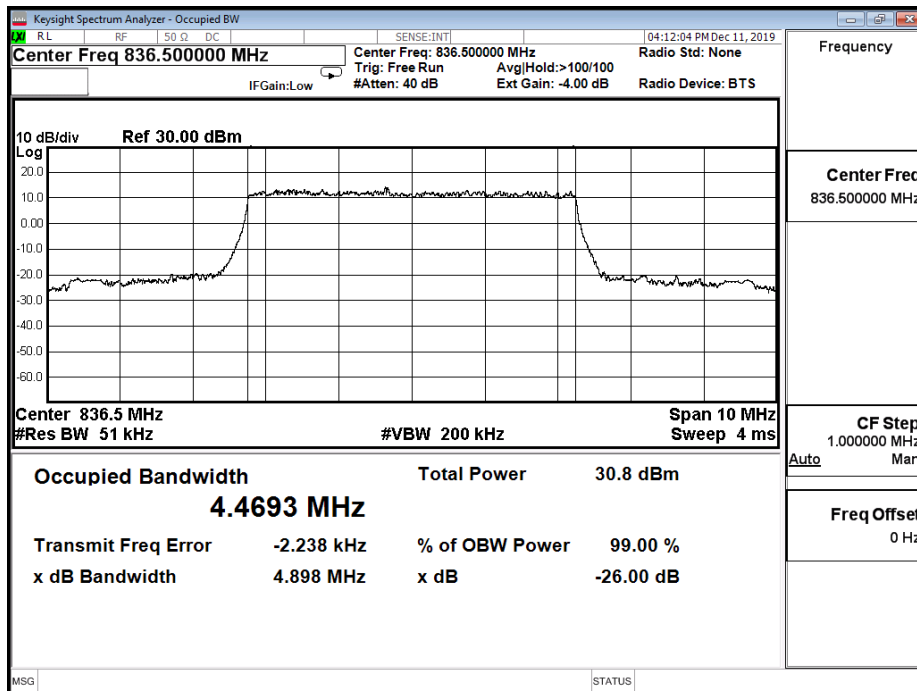
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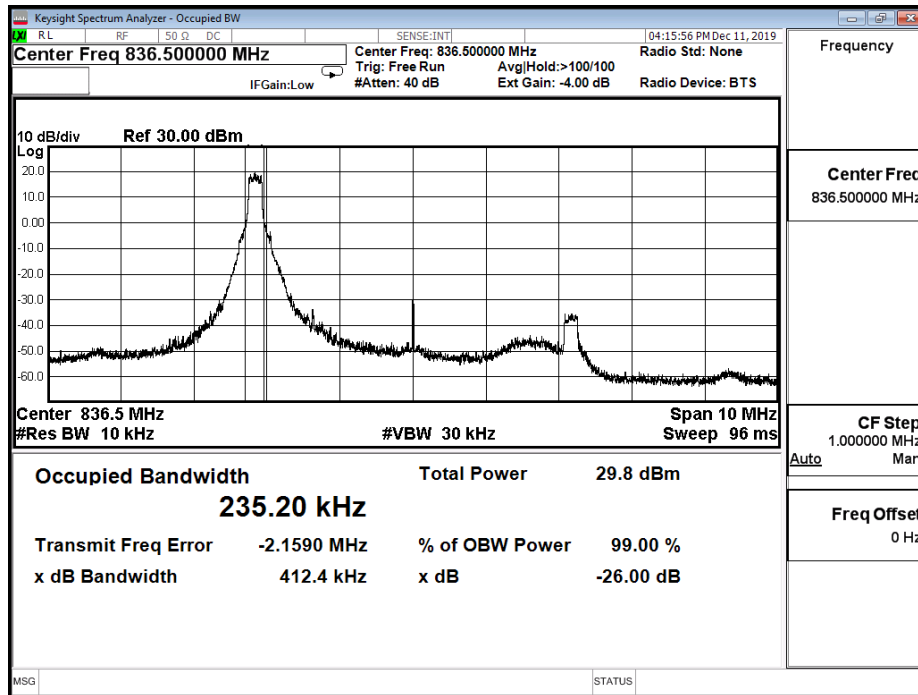
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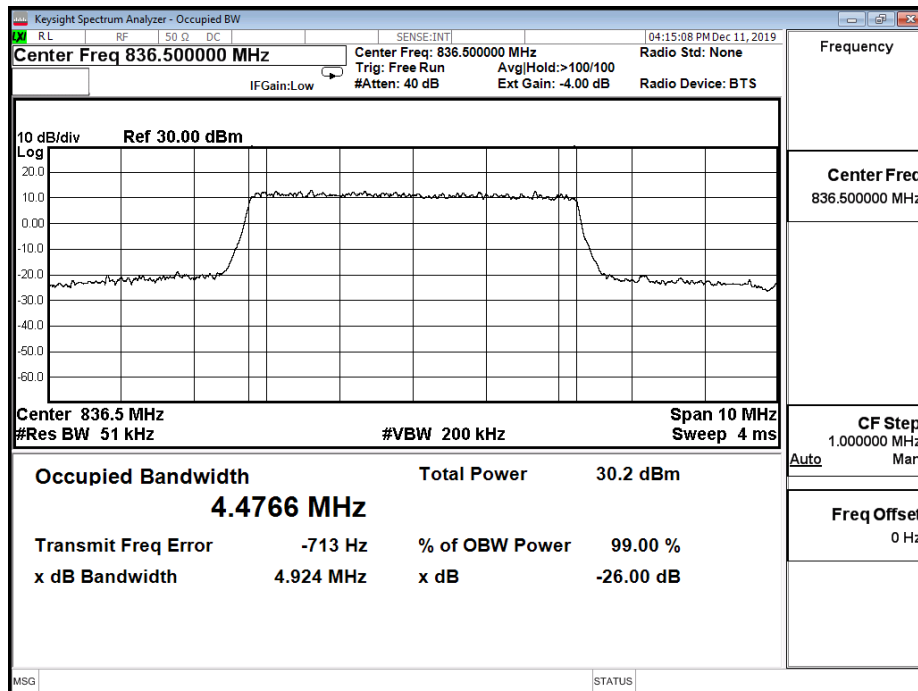
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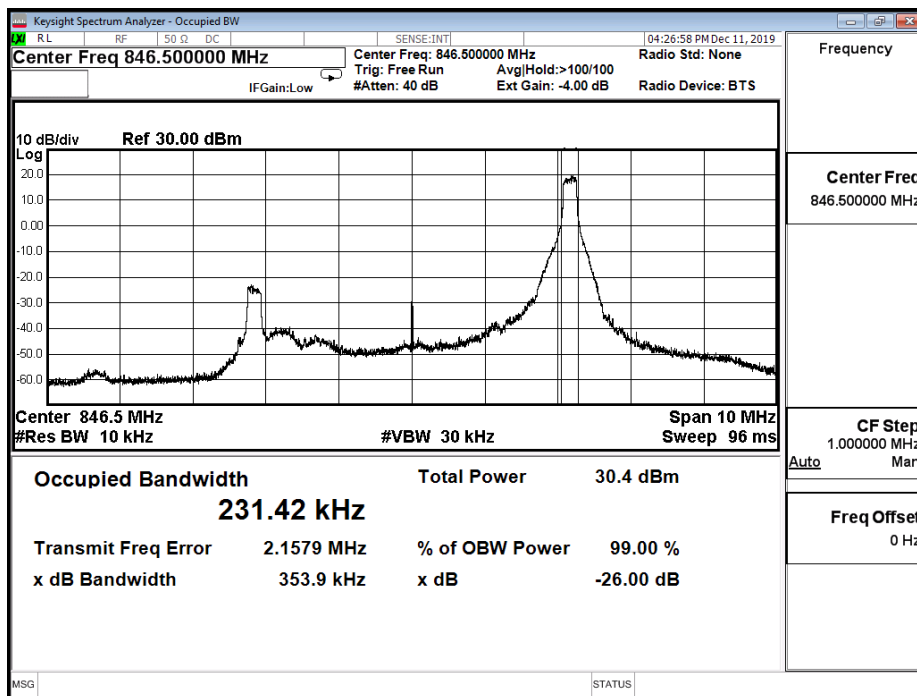
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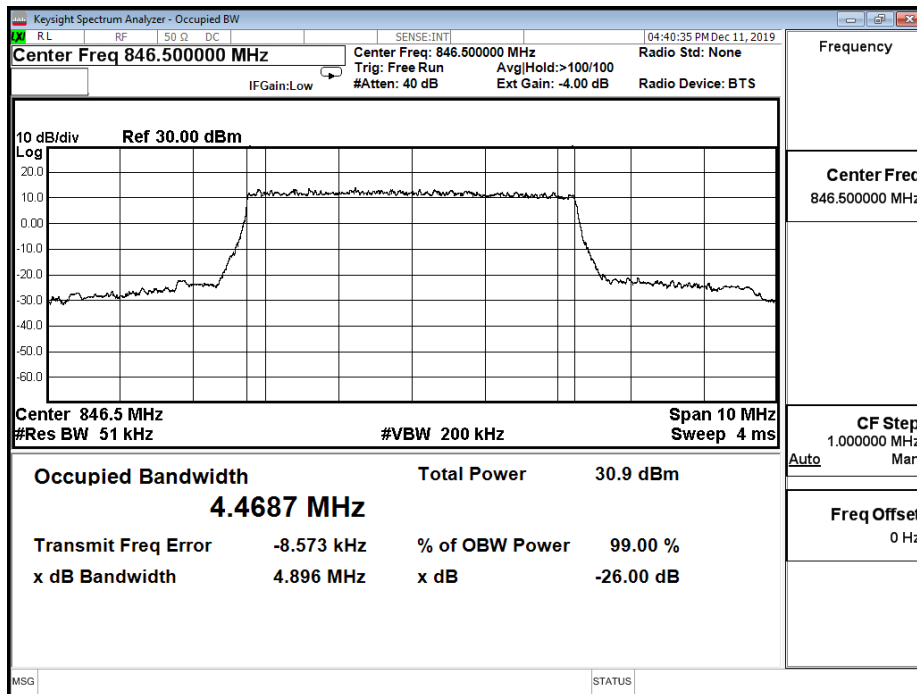
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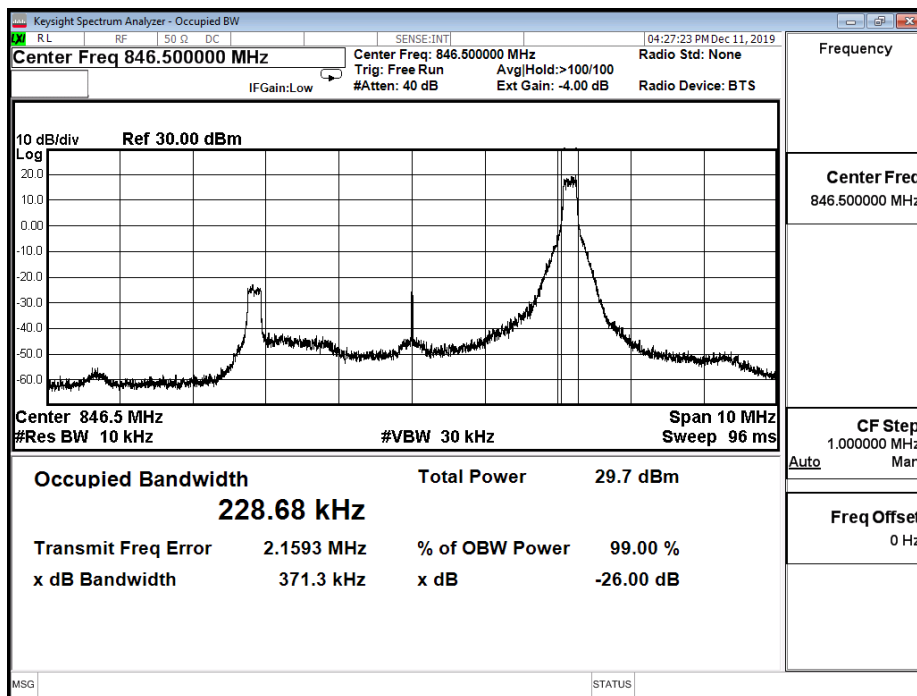
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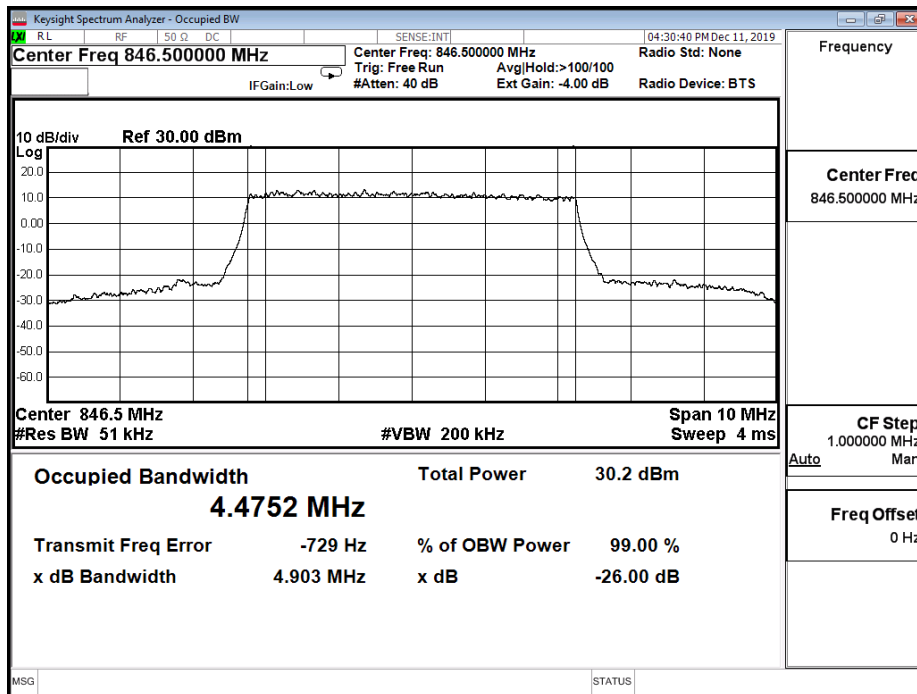
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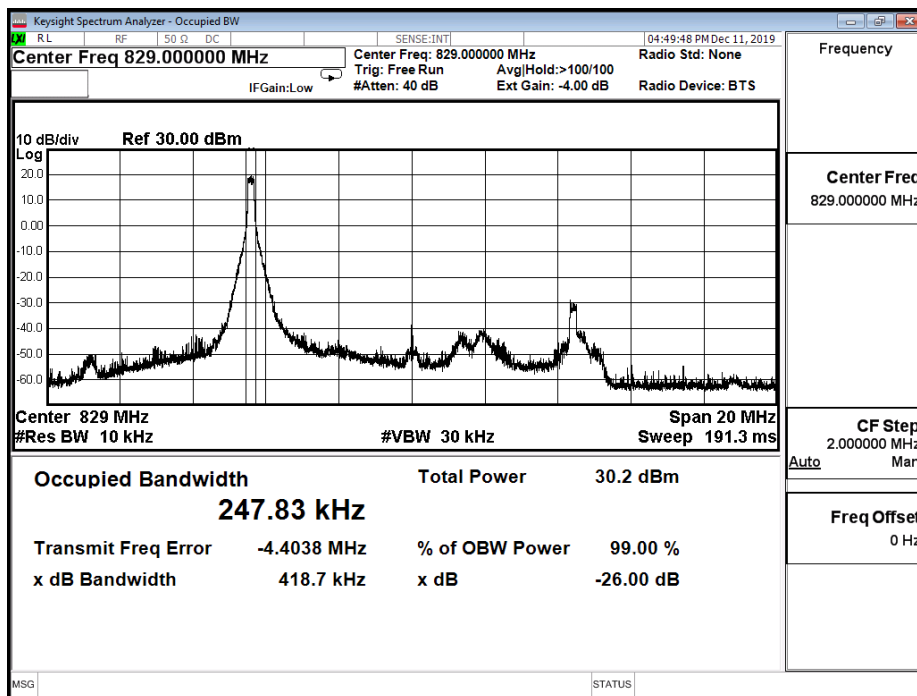
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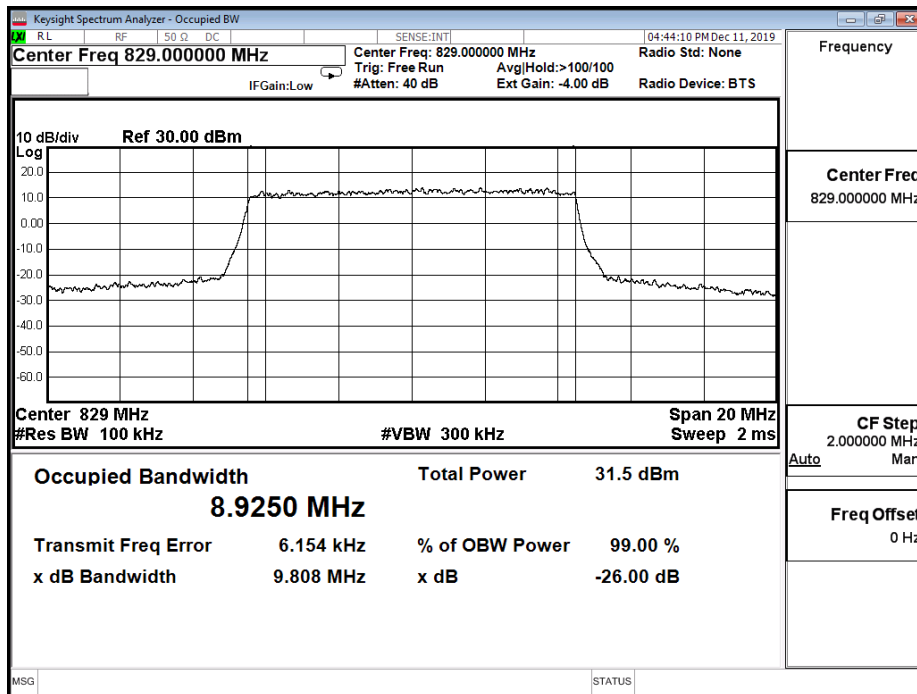
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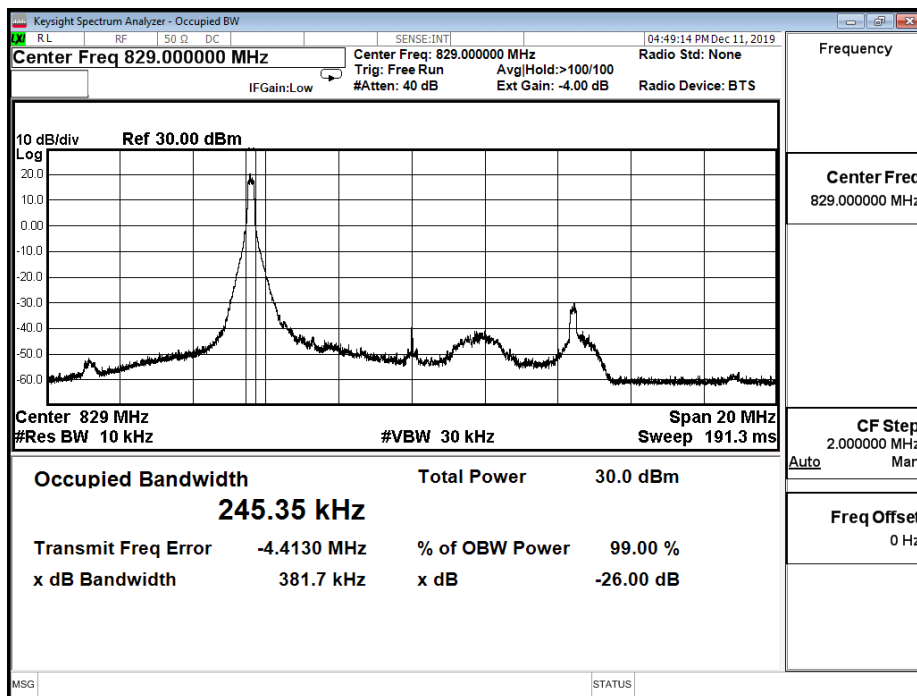
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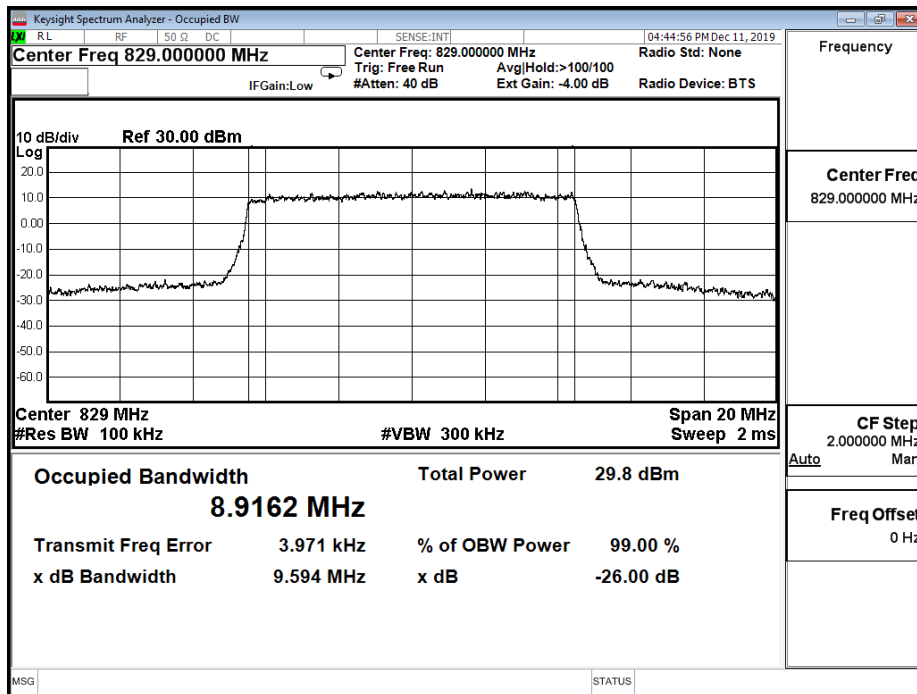
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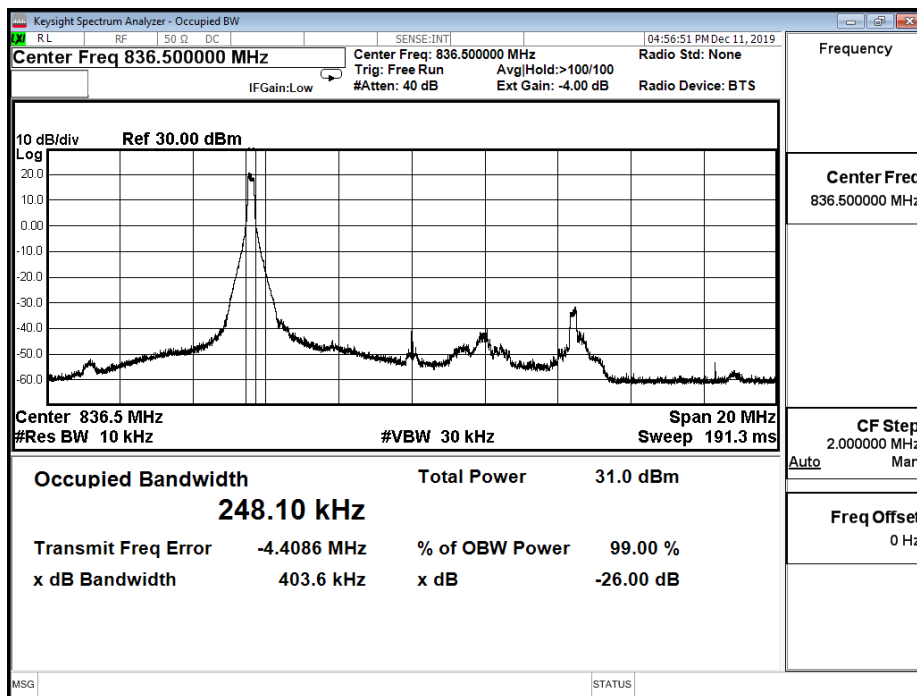
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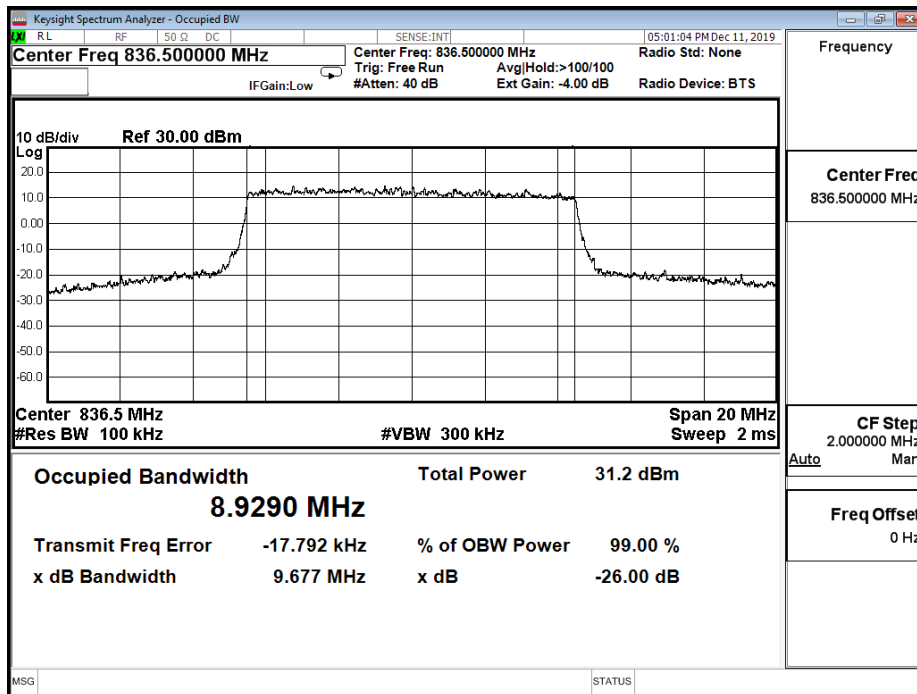
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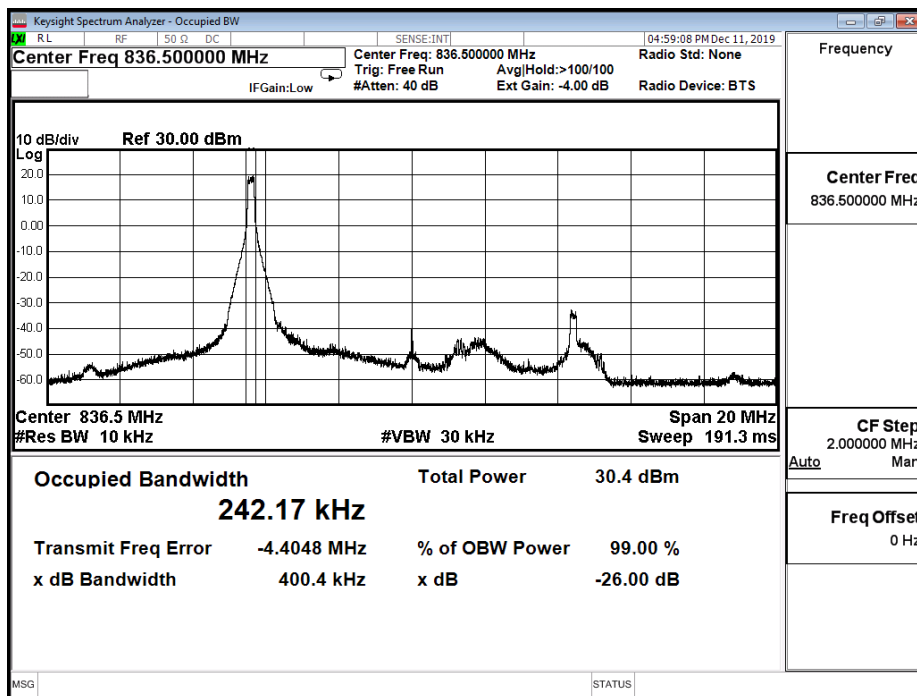
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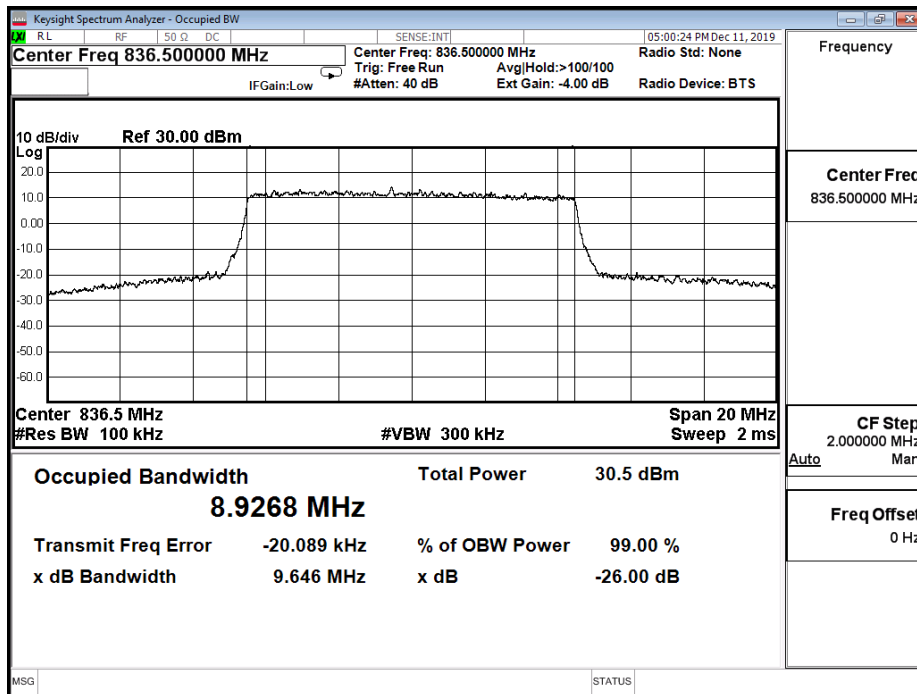
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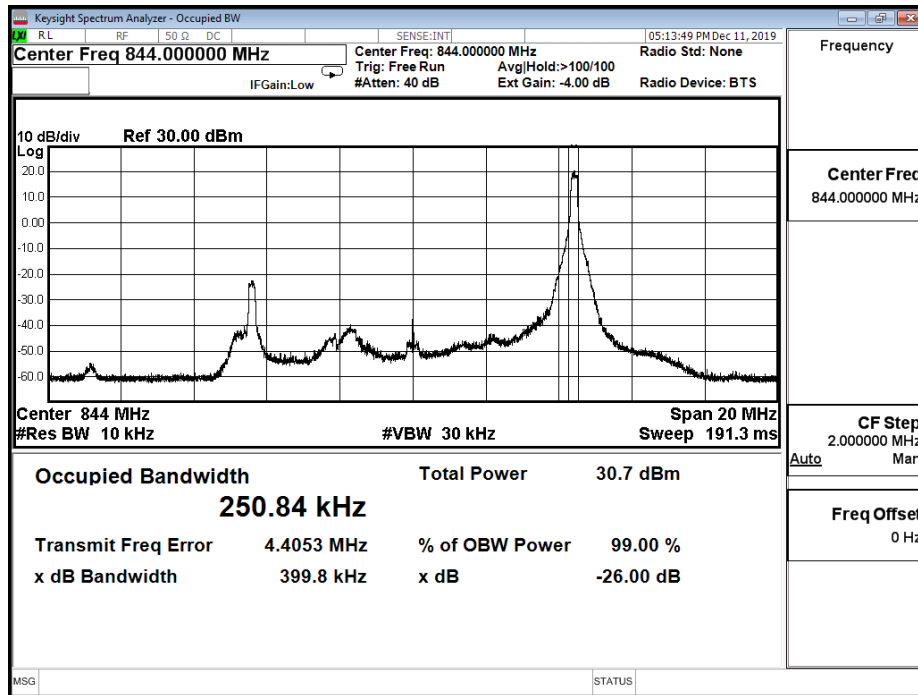
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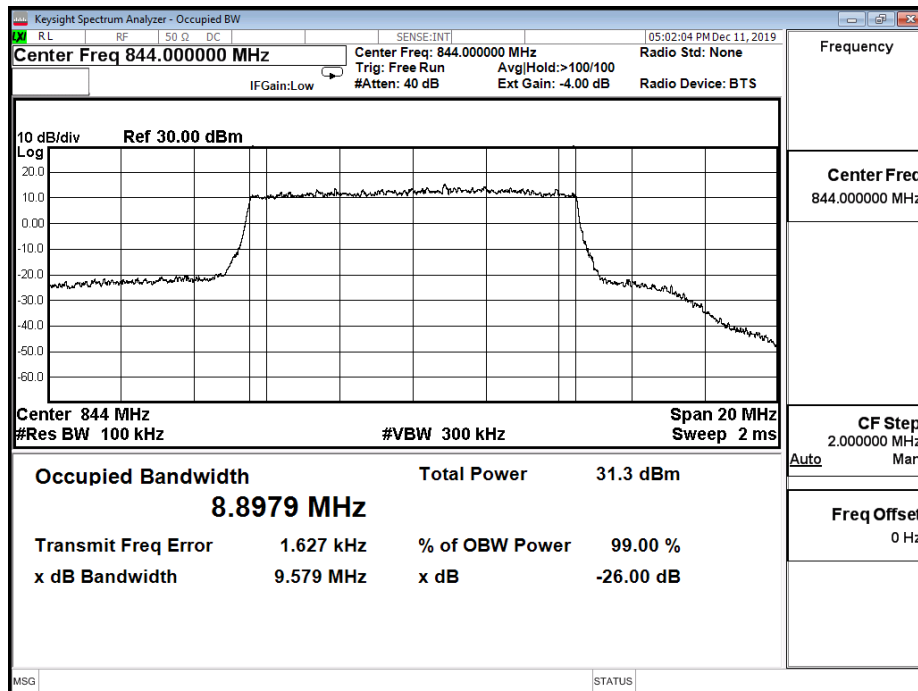
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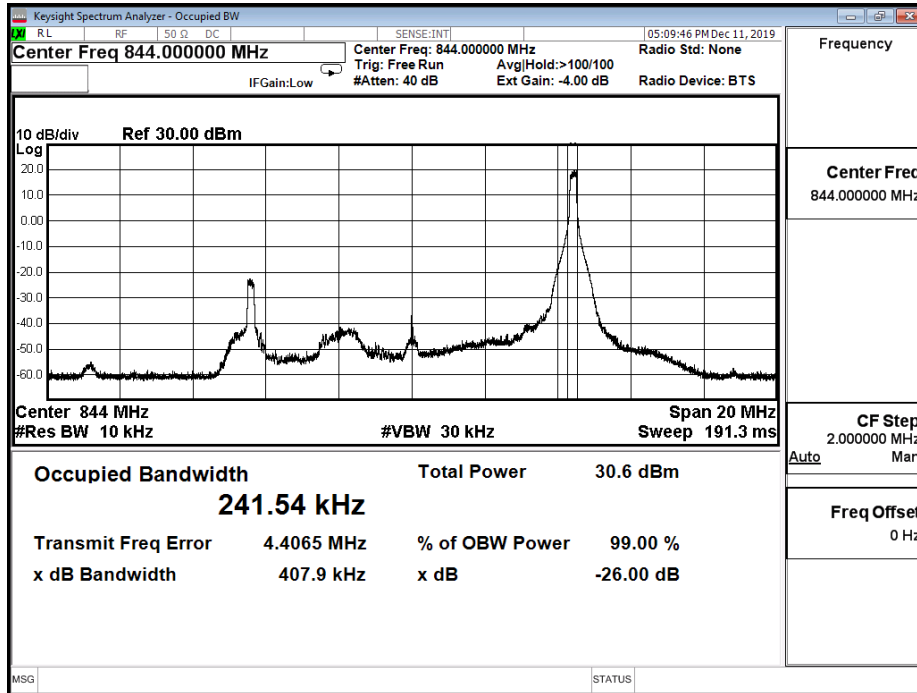
B5_CH20600_10M_QPSK_1RB49



B5_CH20600_10M_QPSK_50RB0



B5_CH20600_10M_16-QAM_1RB49



B5_CH20600_10M_16-QAM_50RB0

