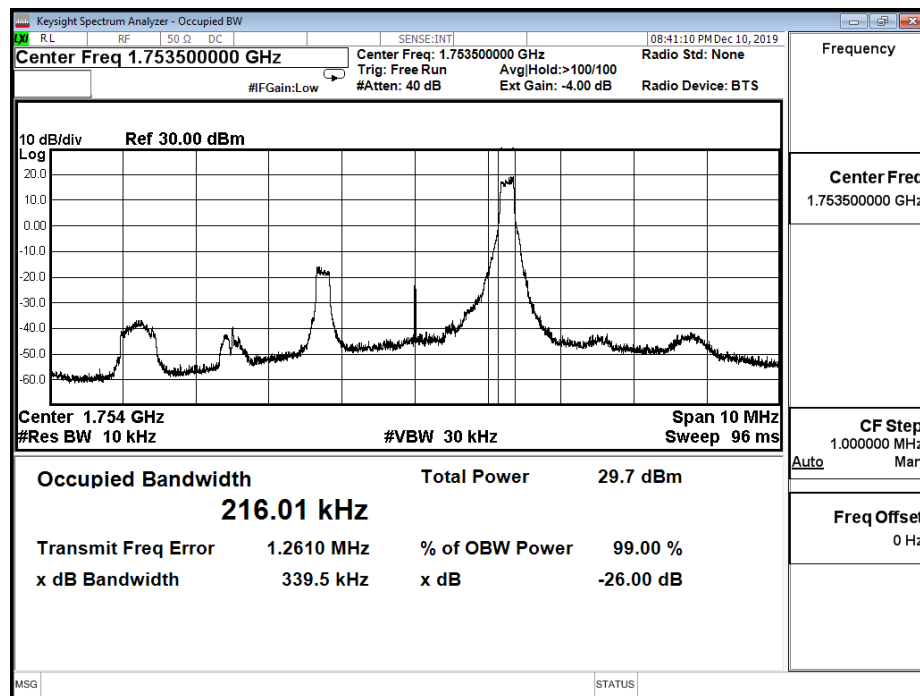
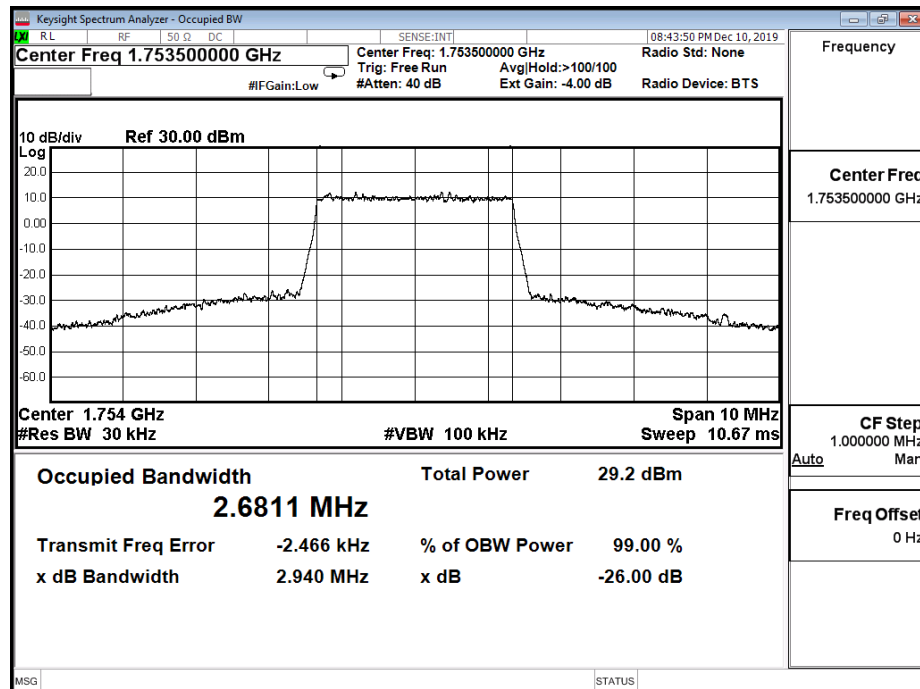


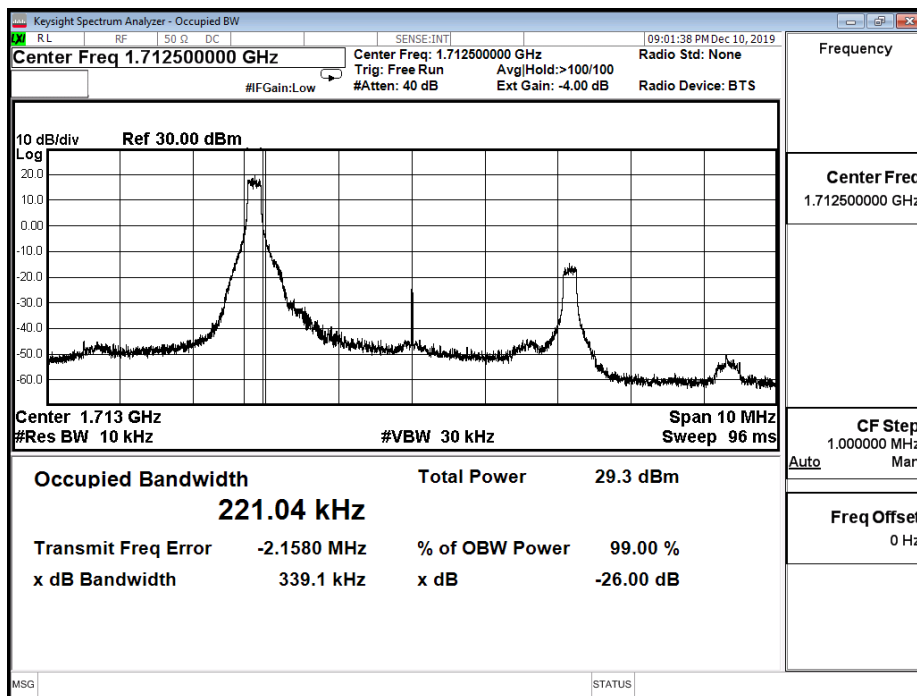
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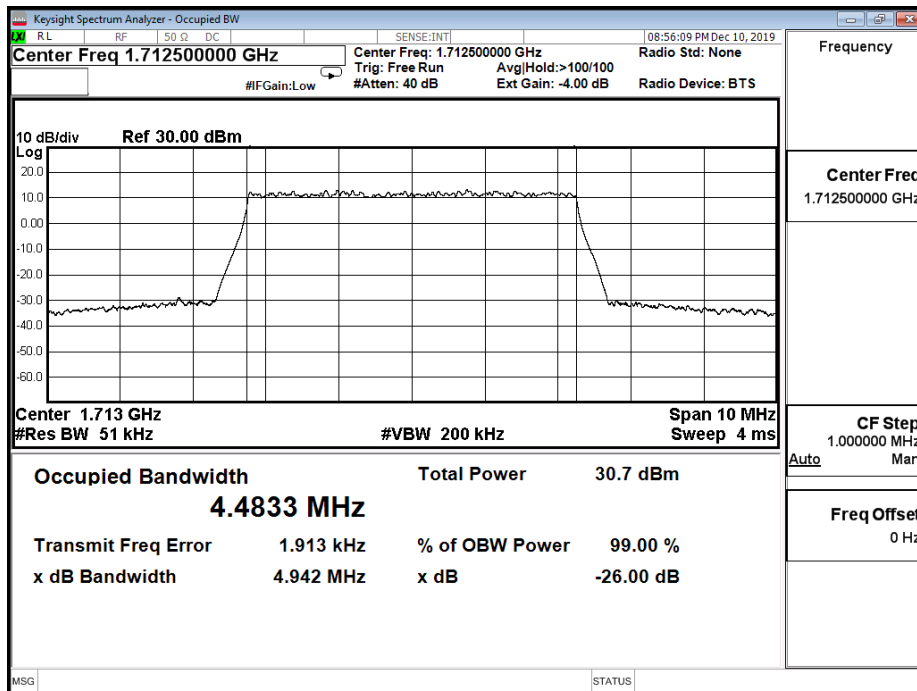
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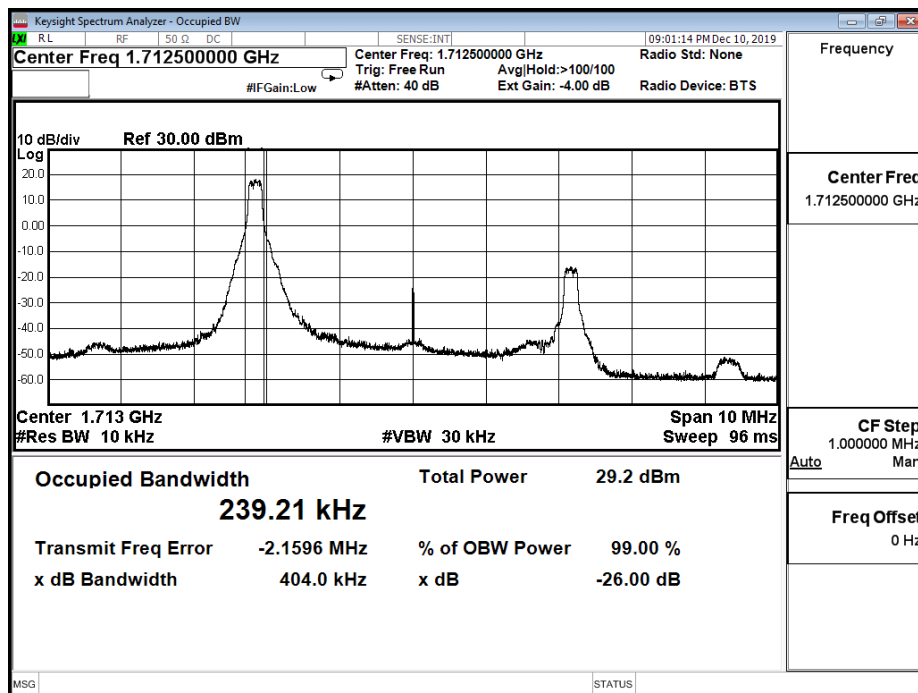
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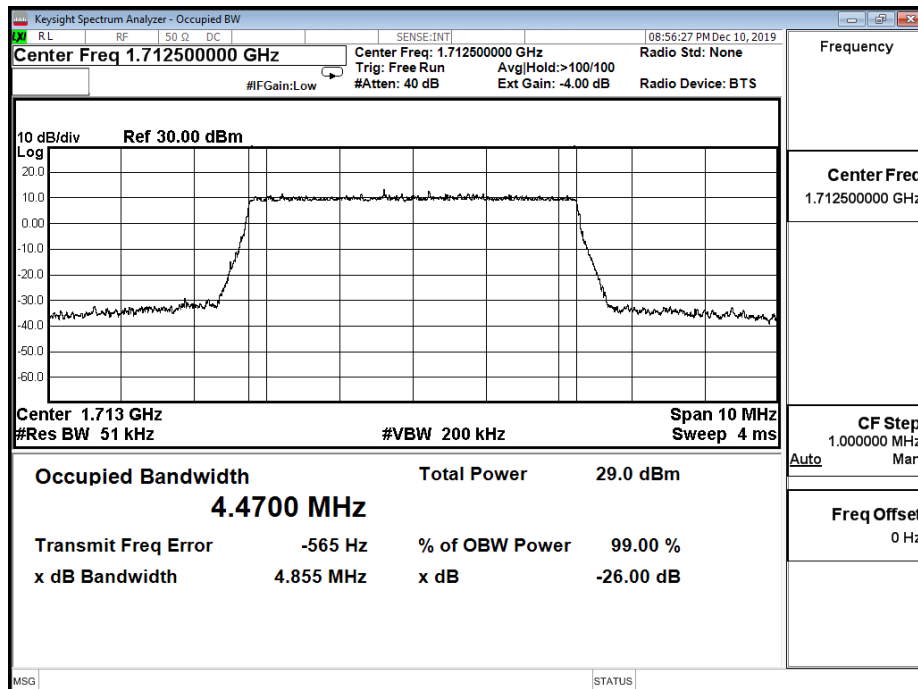
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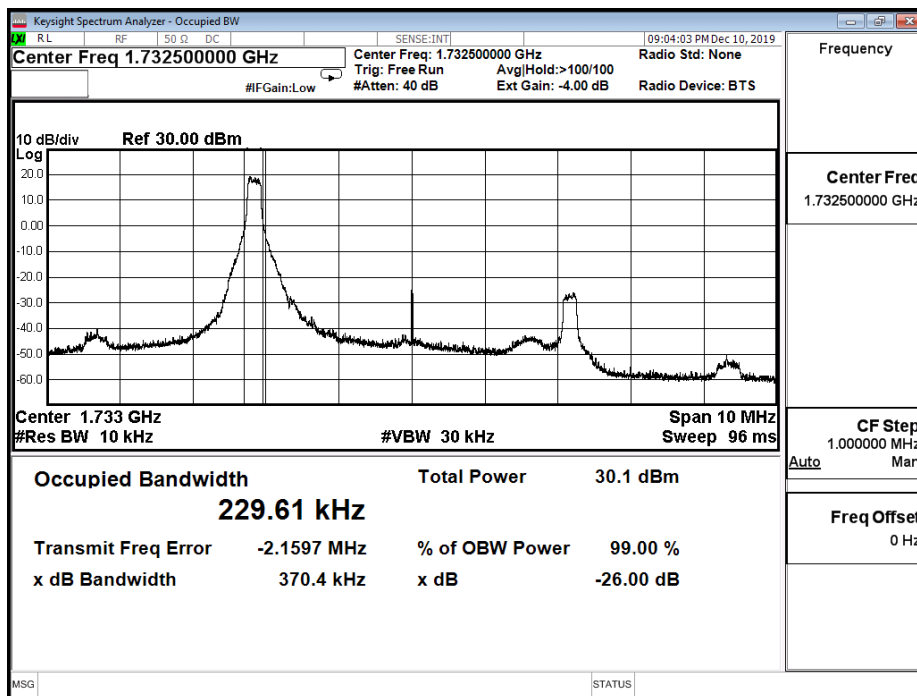
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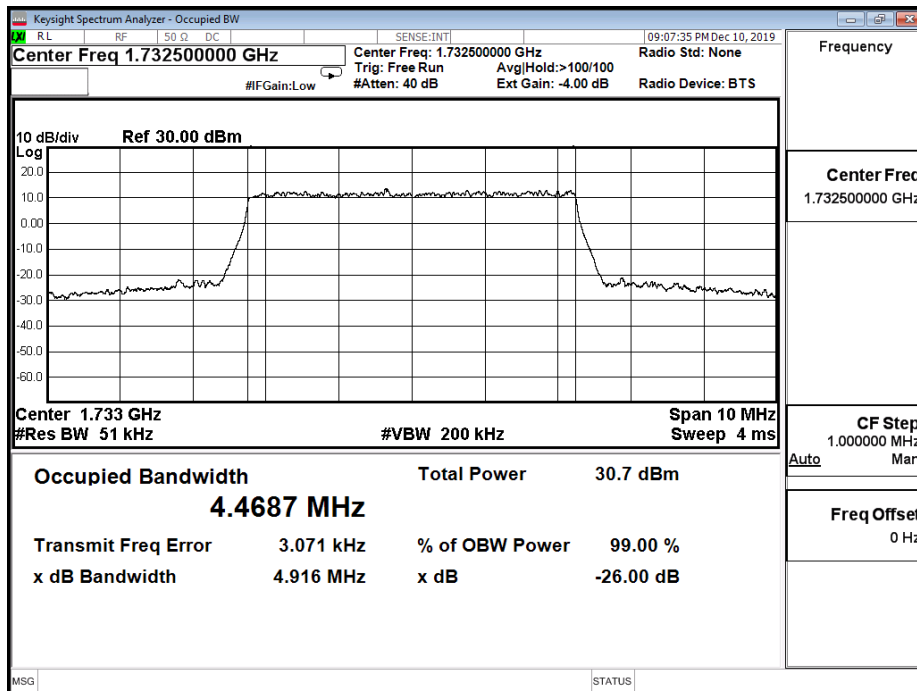
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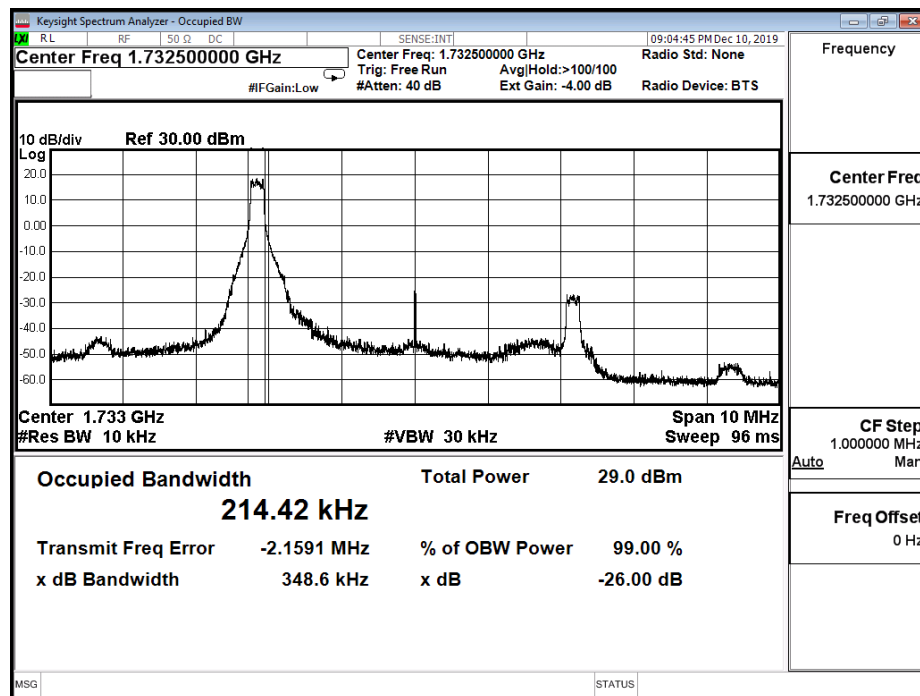
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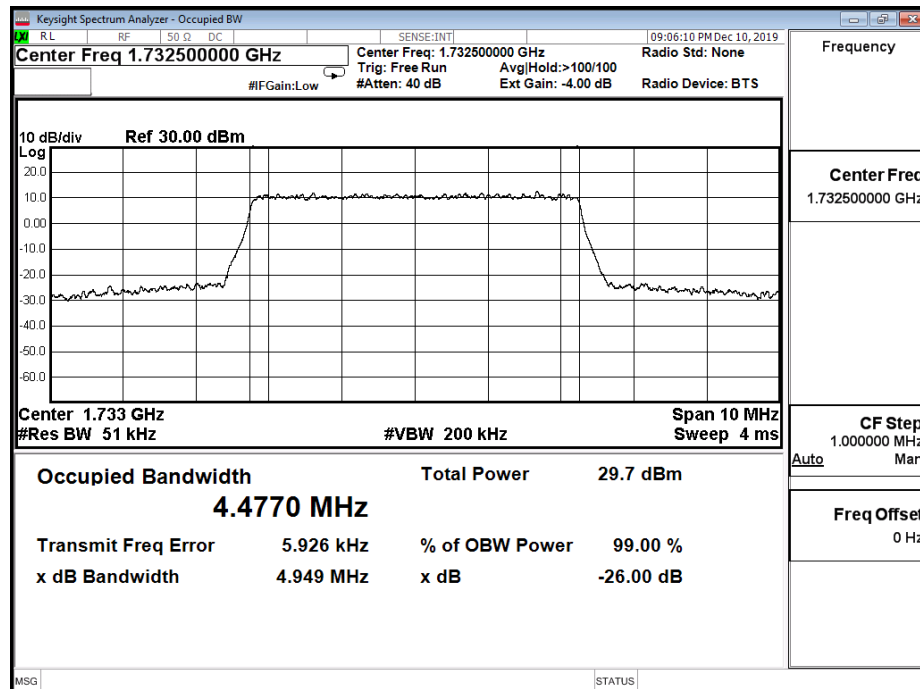
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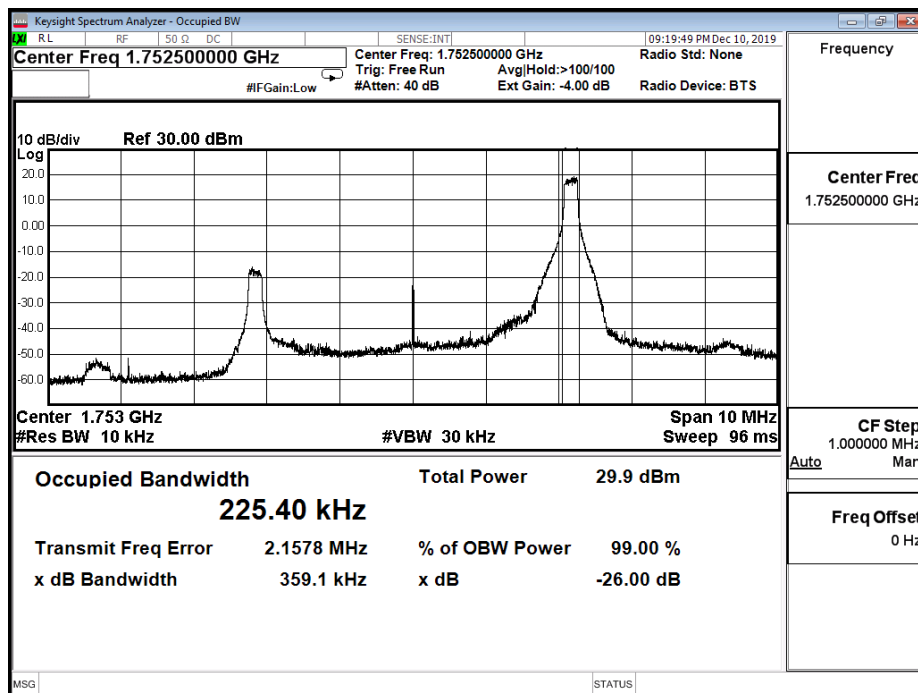
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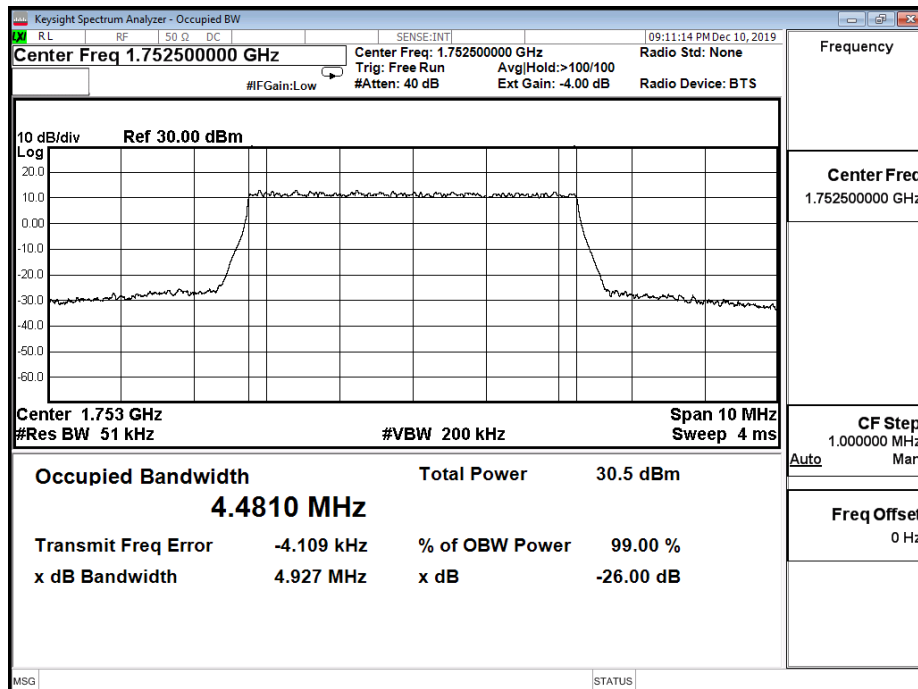
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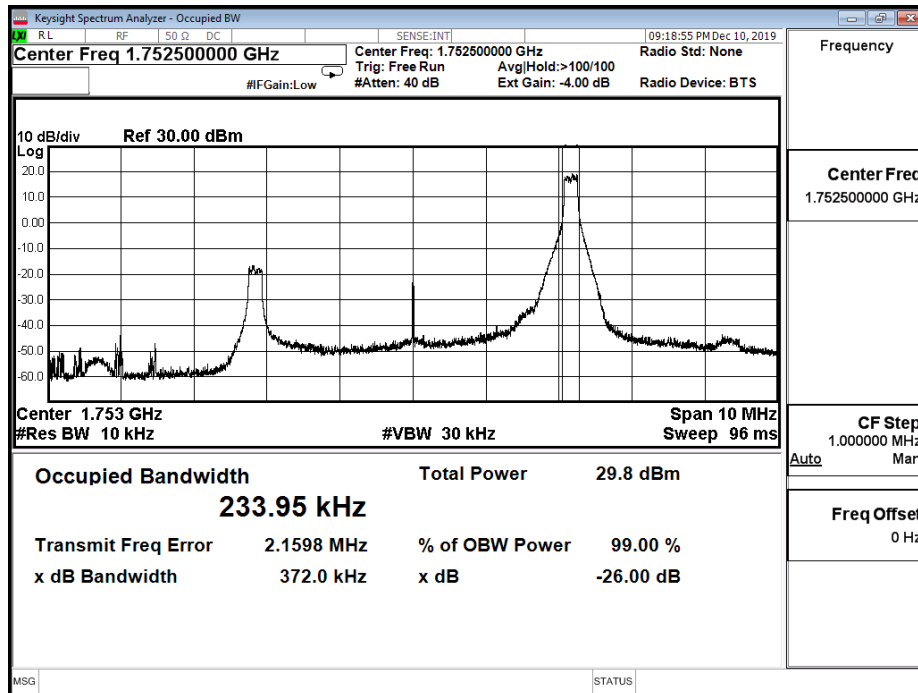
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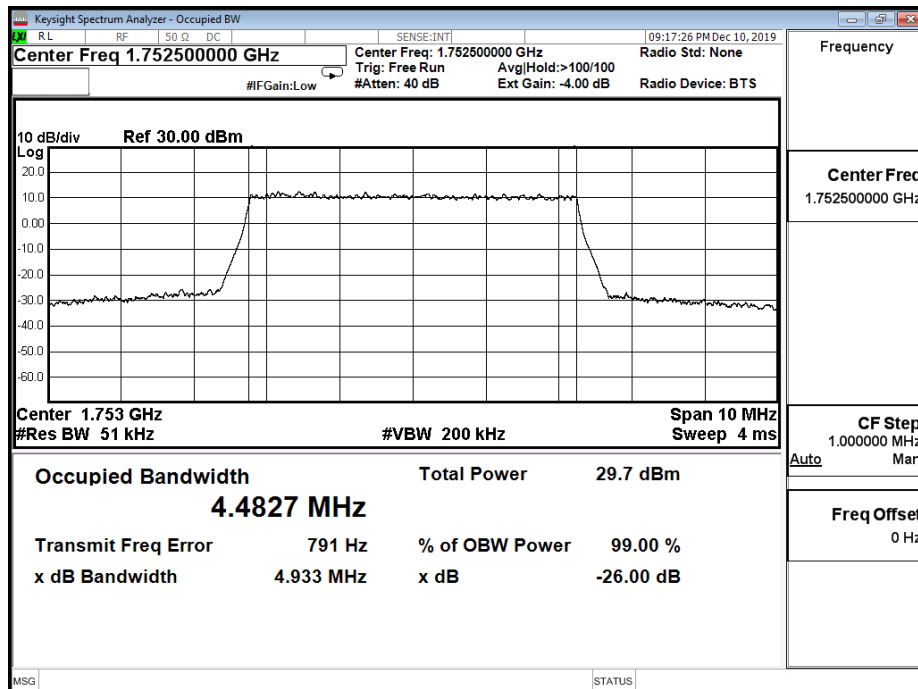
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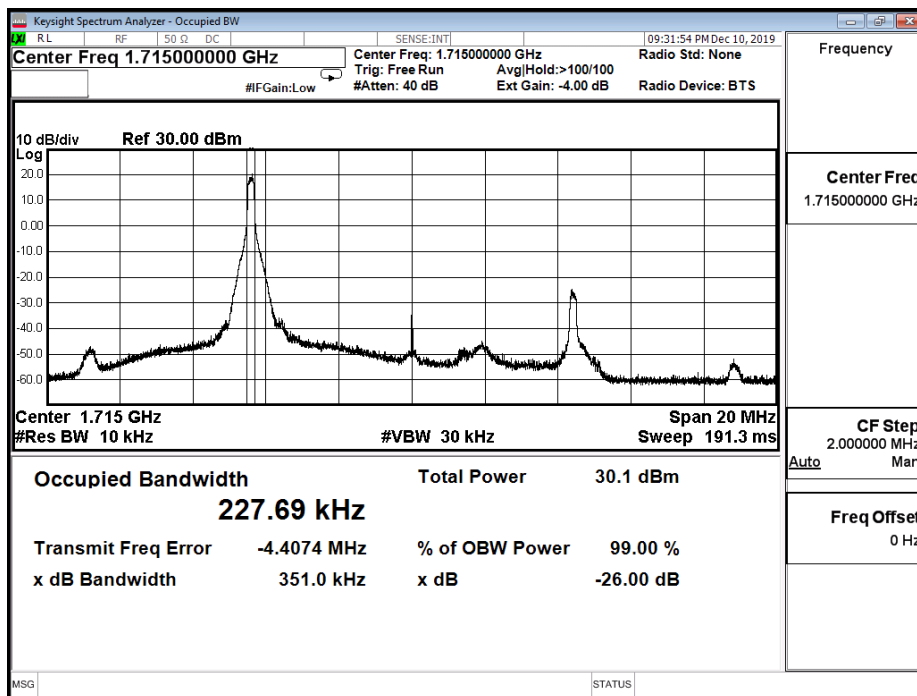
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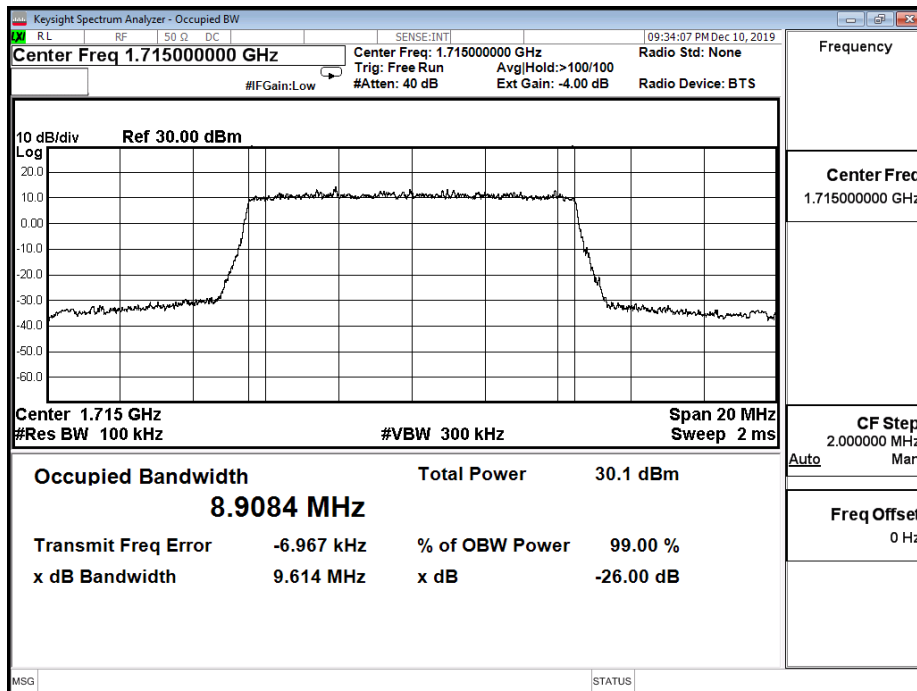
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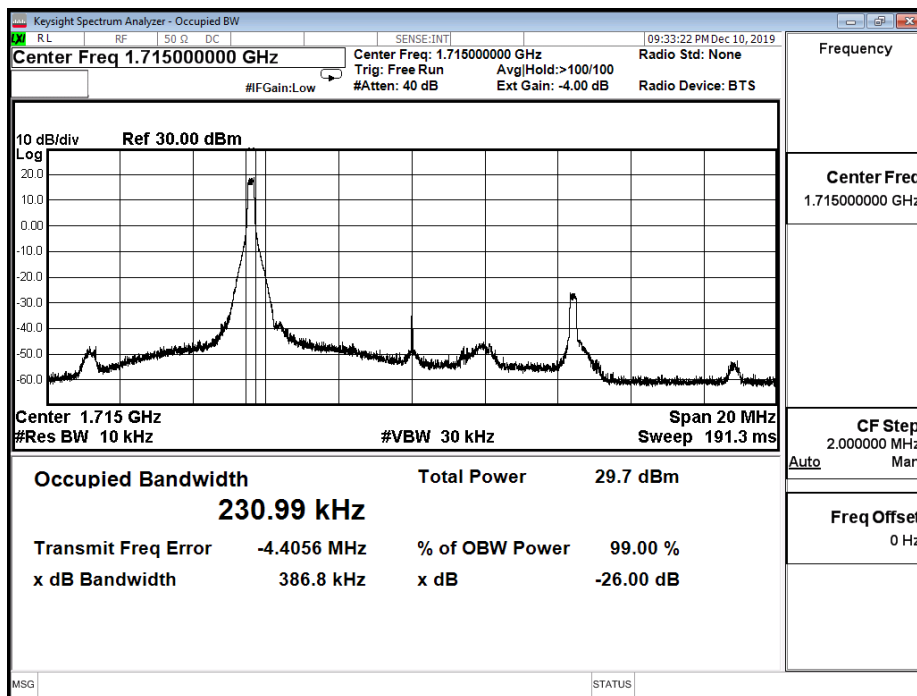
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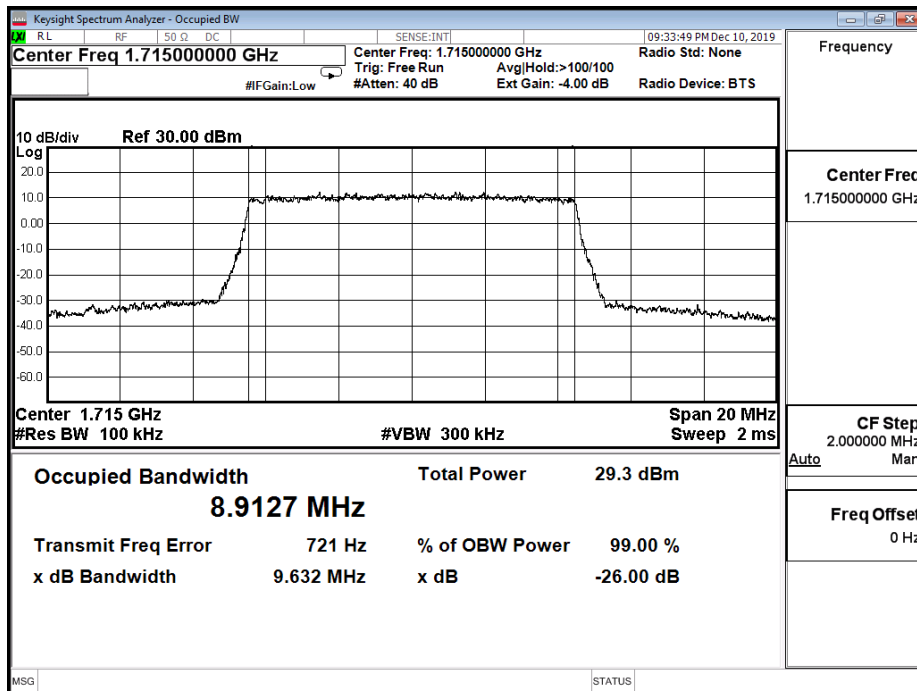
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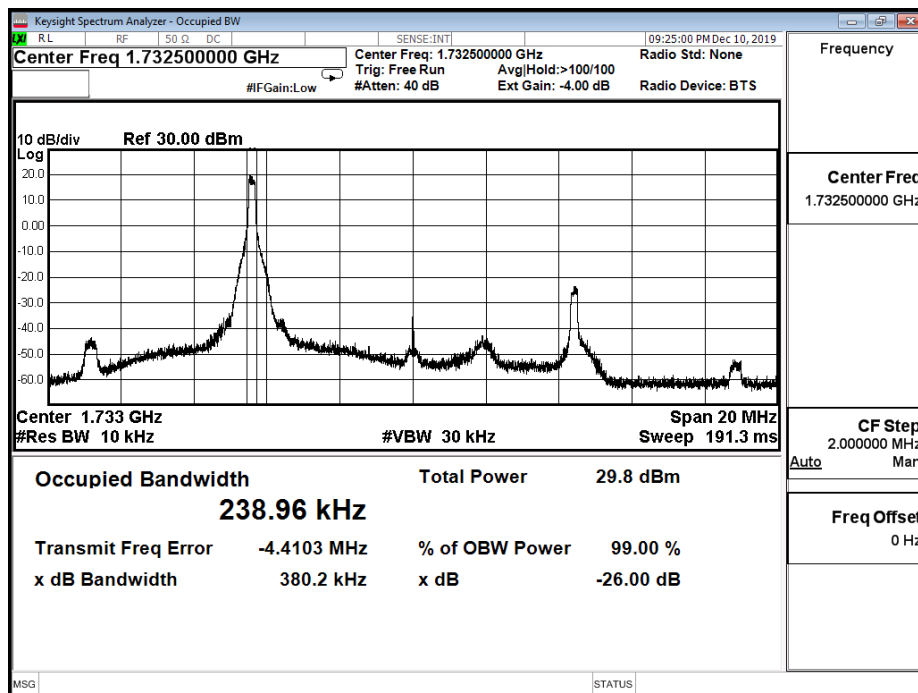
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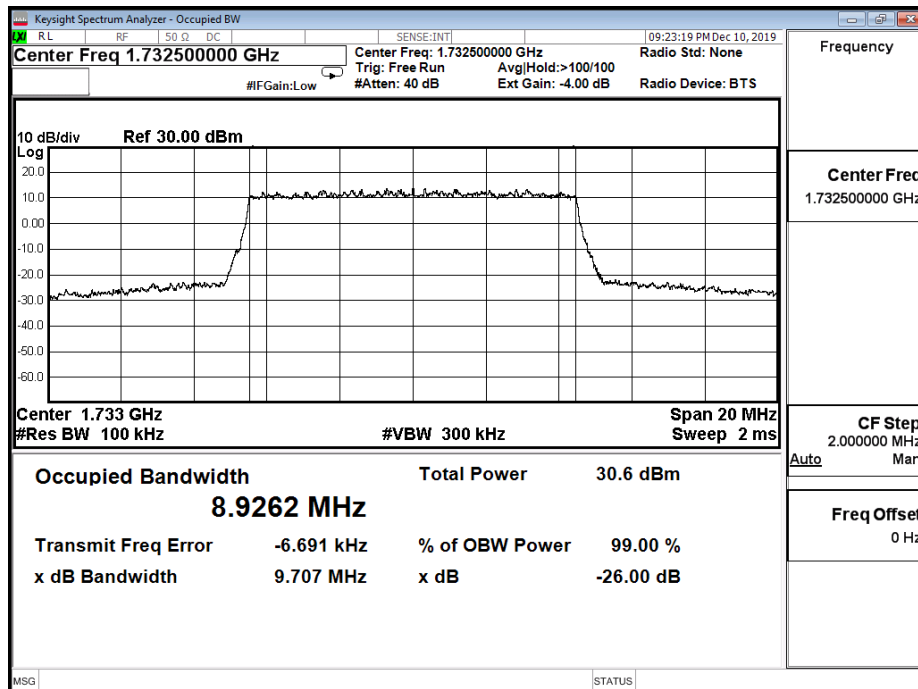
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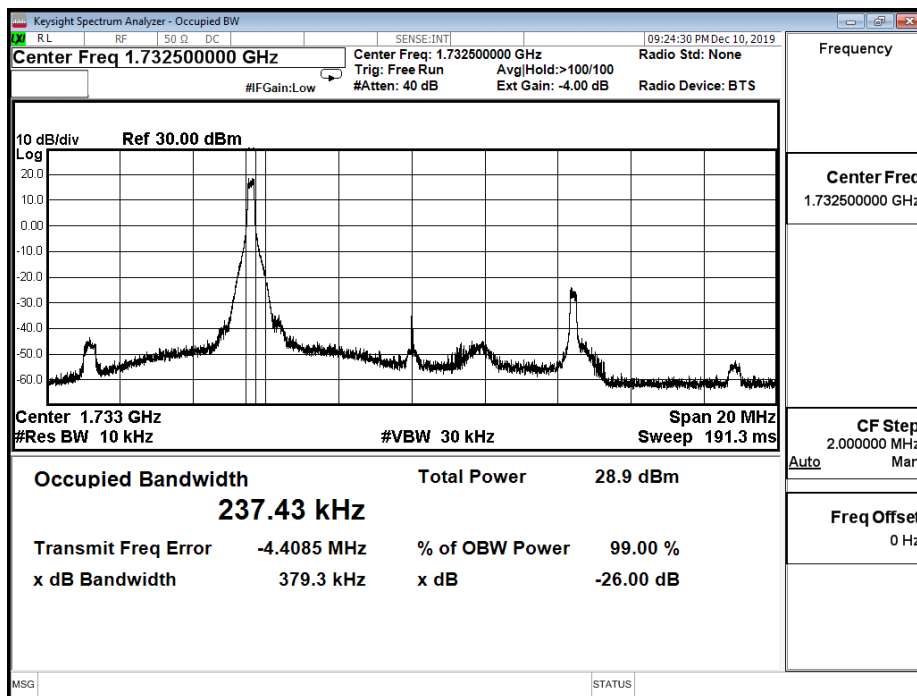
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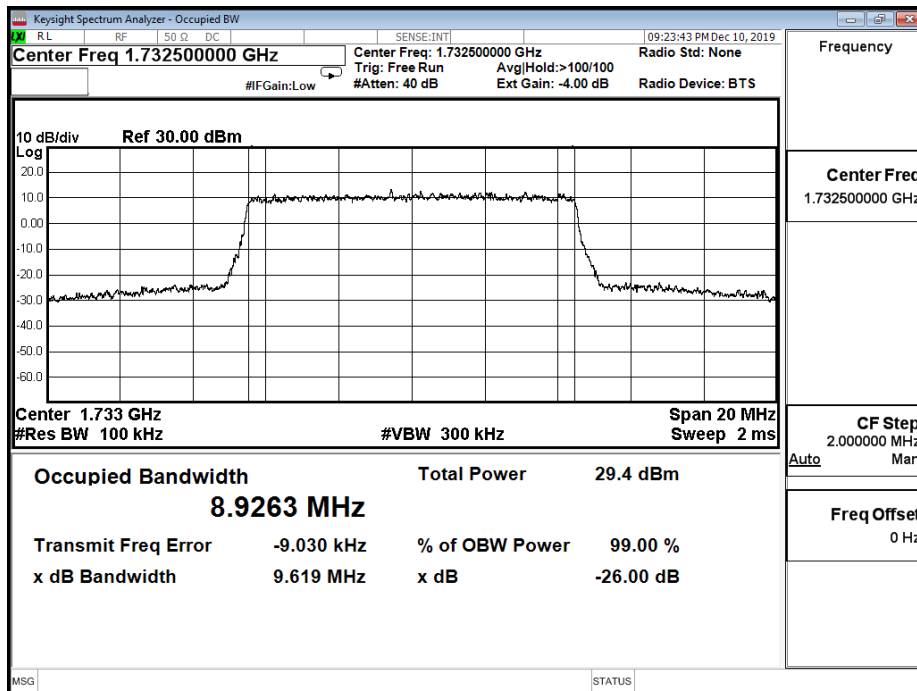
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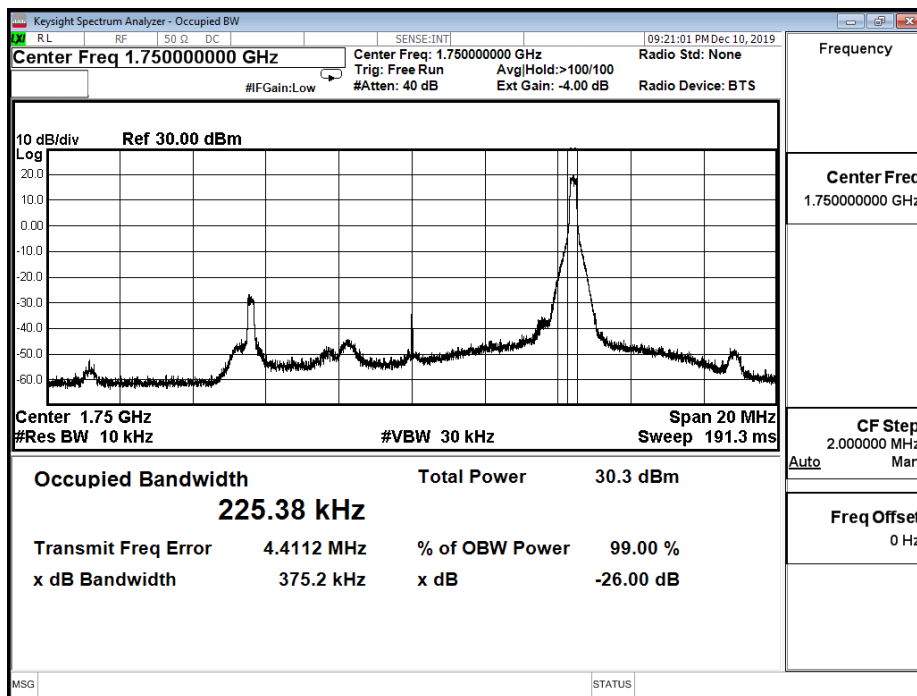
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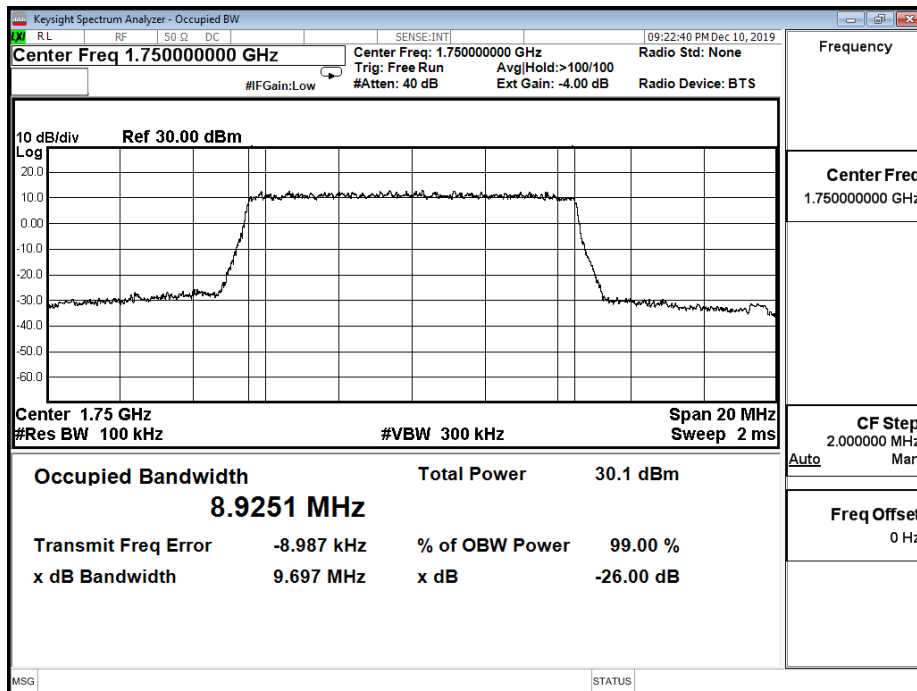
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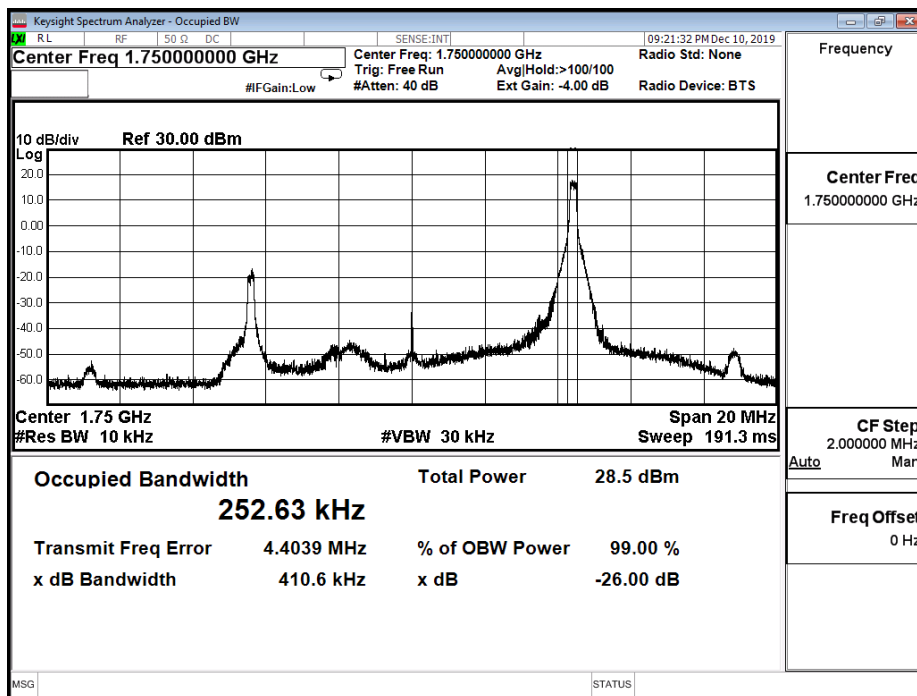
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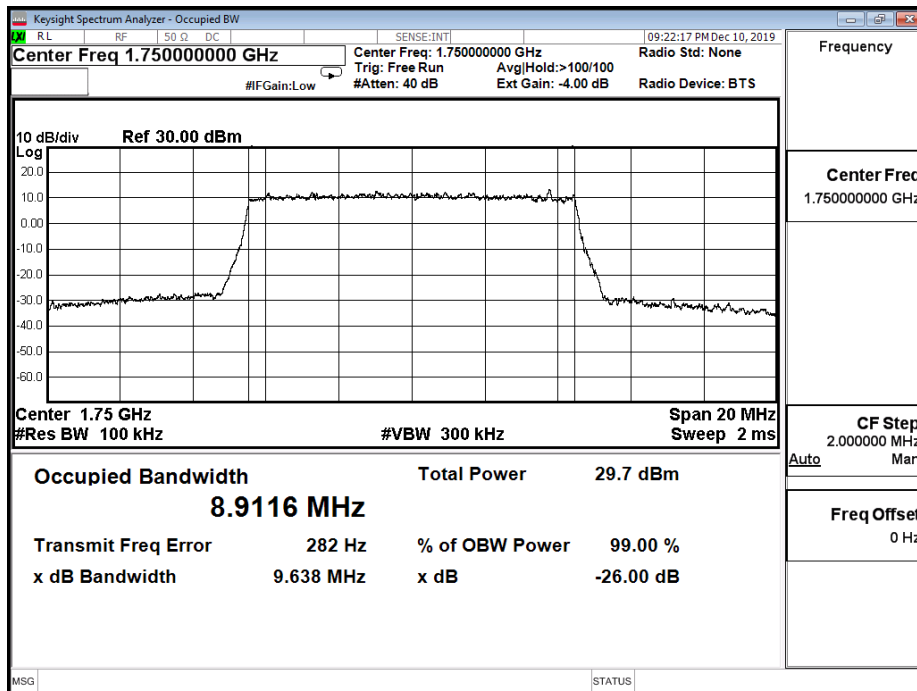
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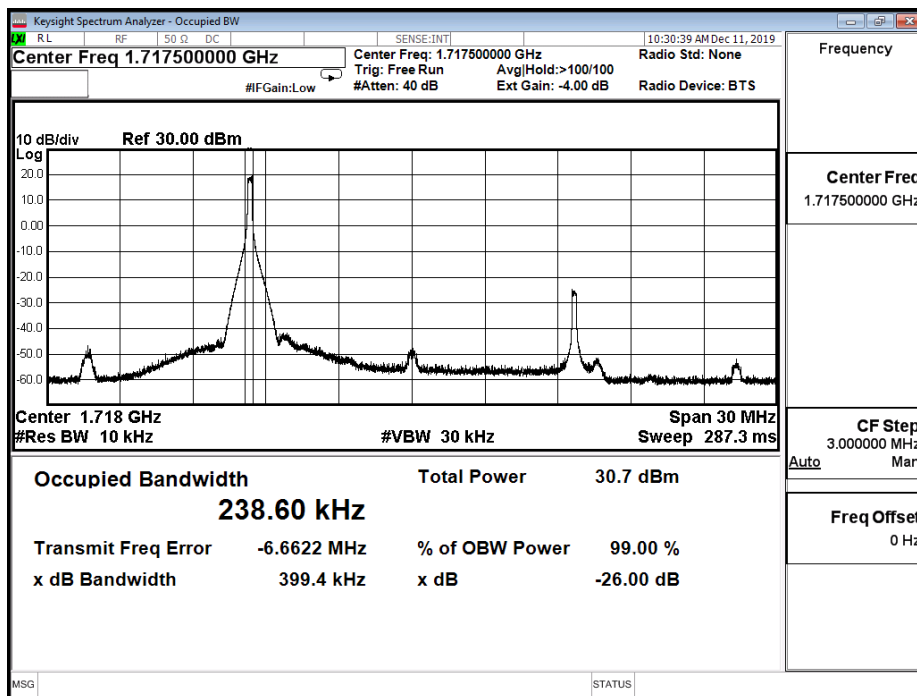
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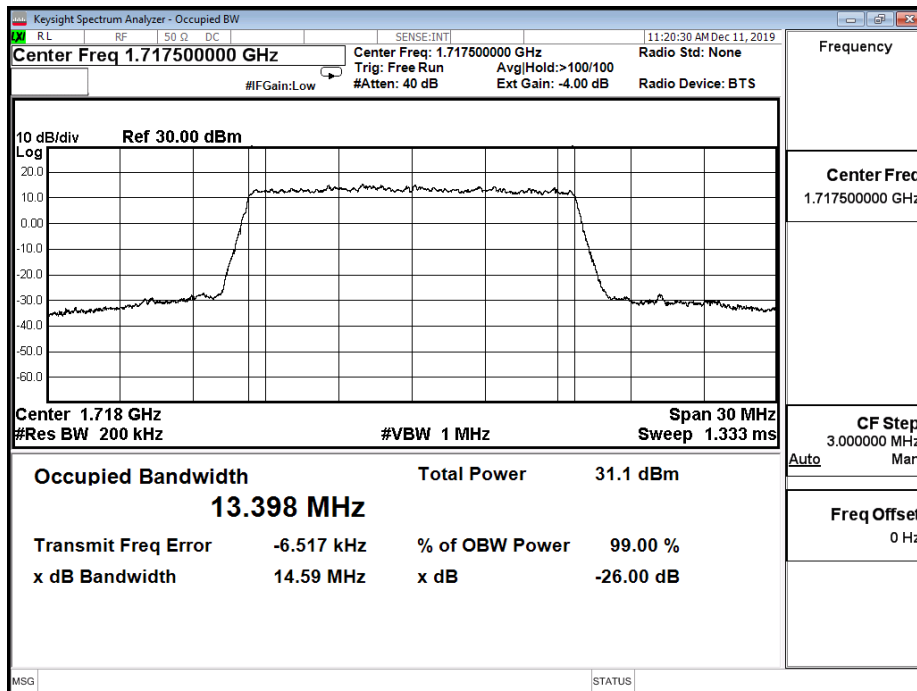
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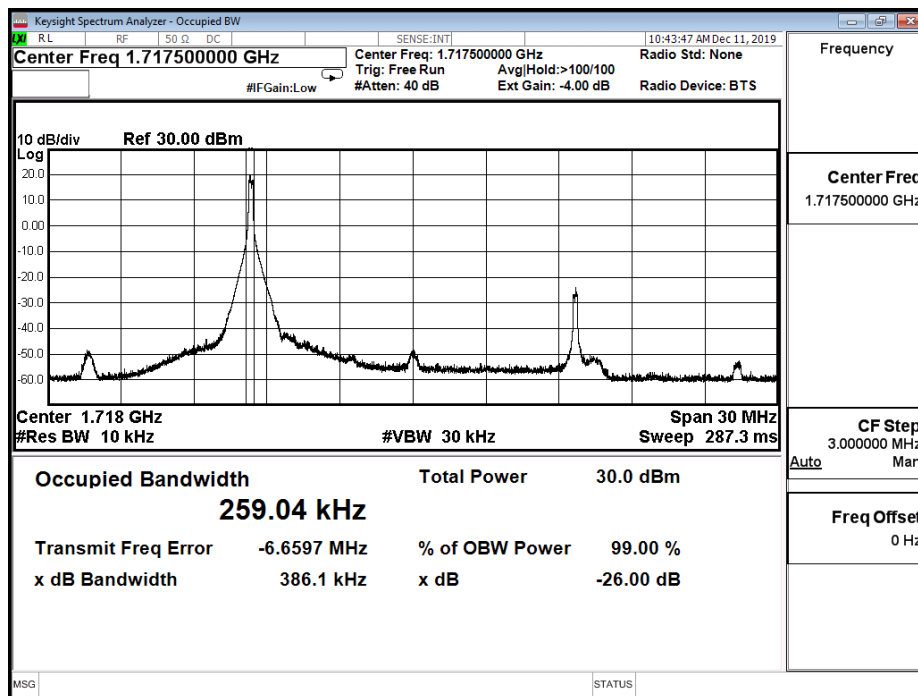
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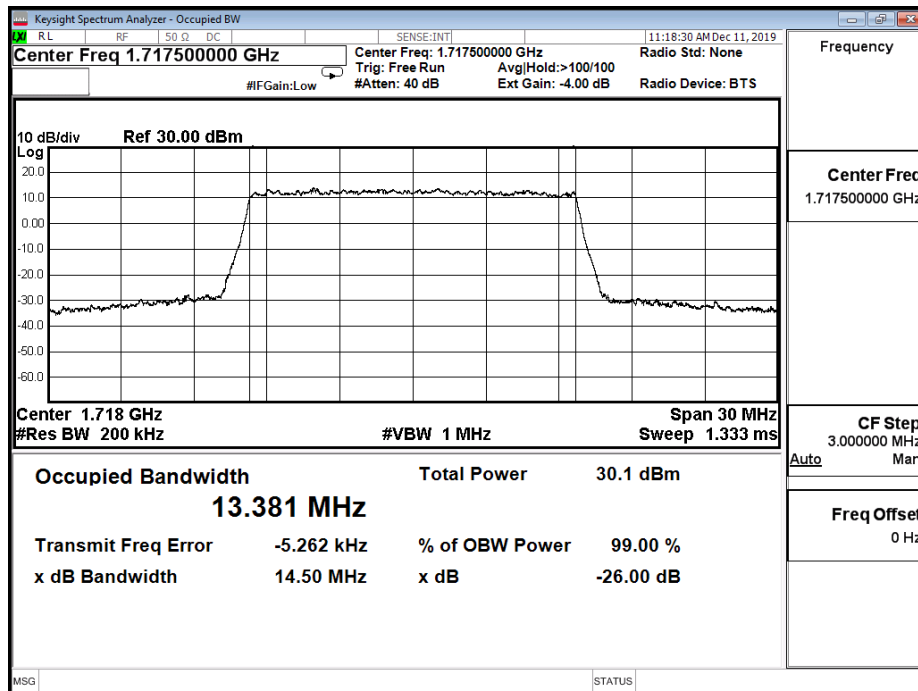
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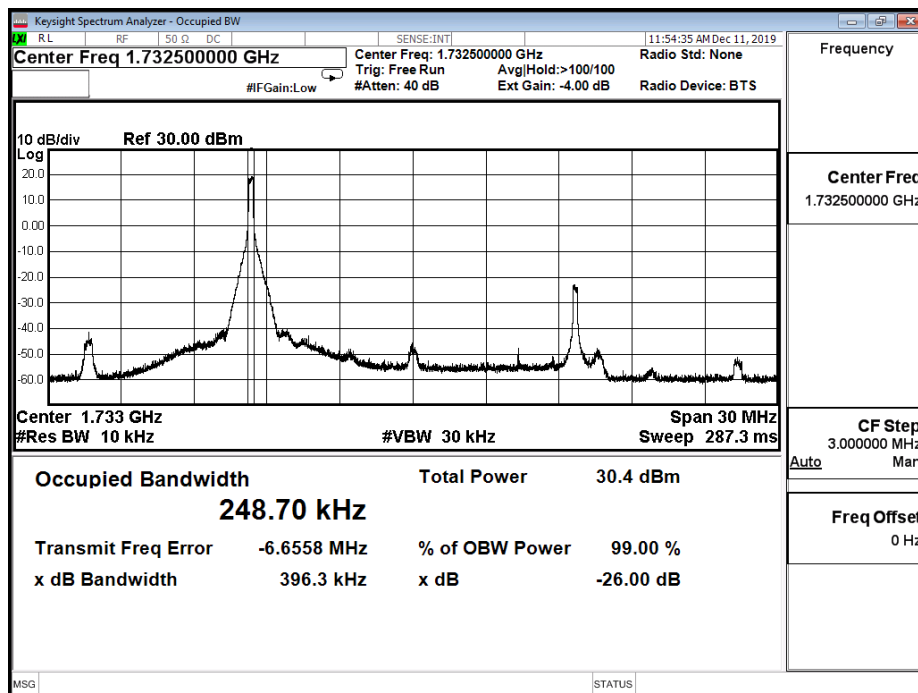
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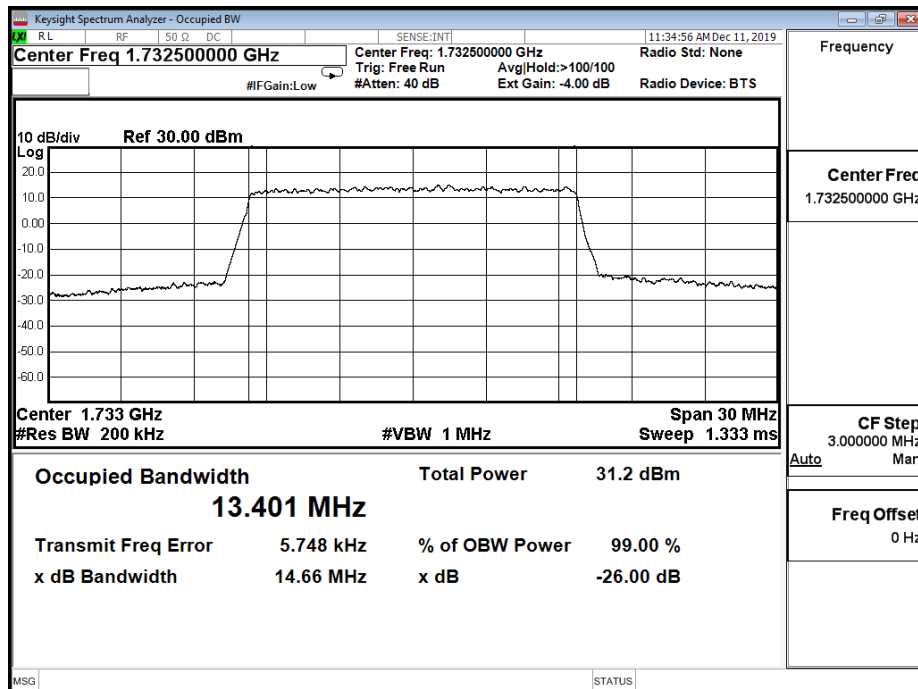
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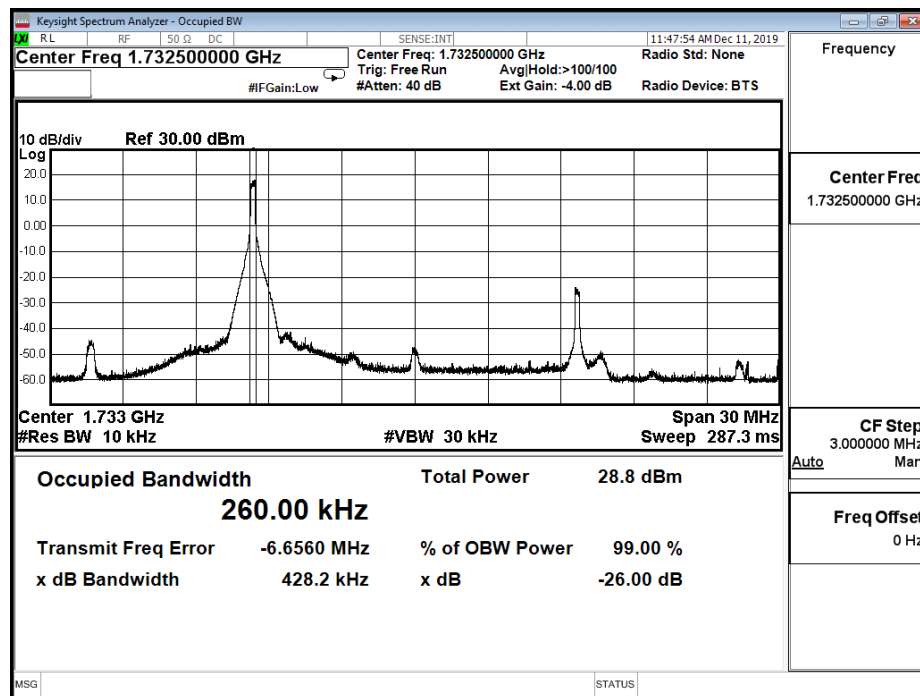
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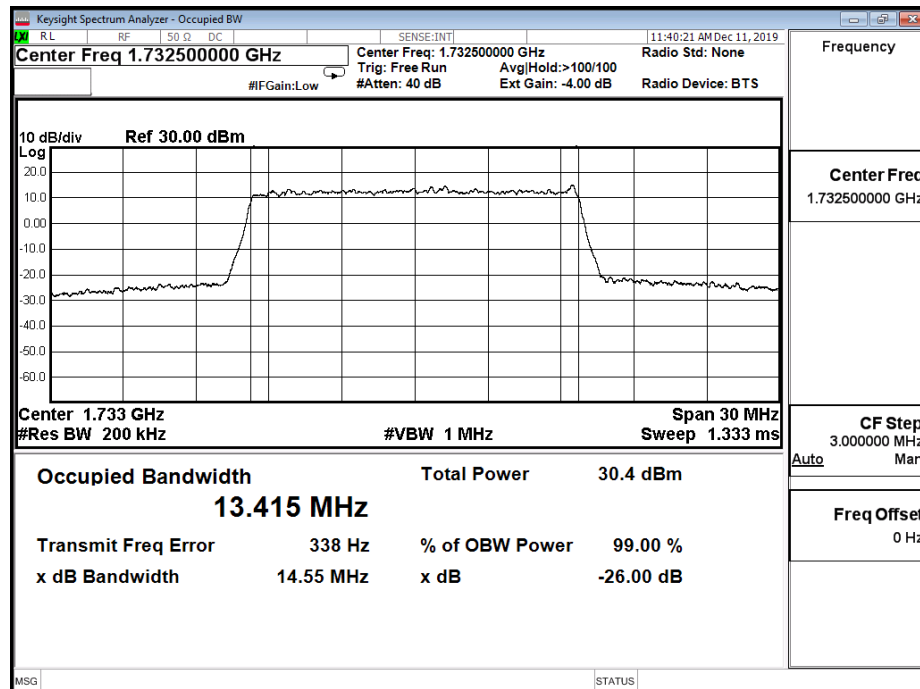
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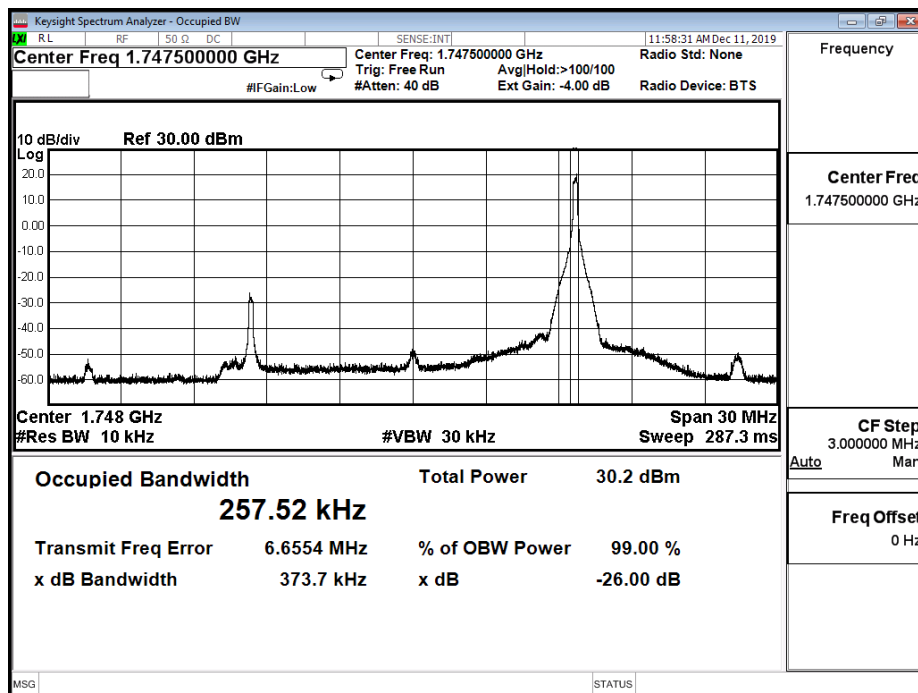
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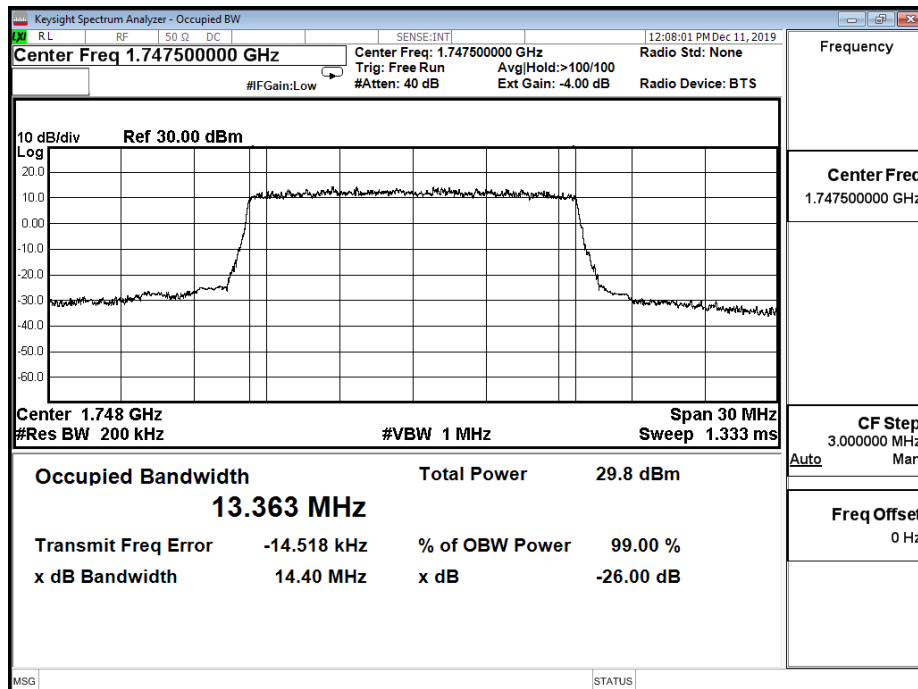
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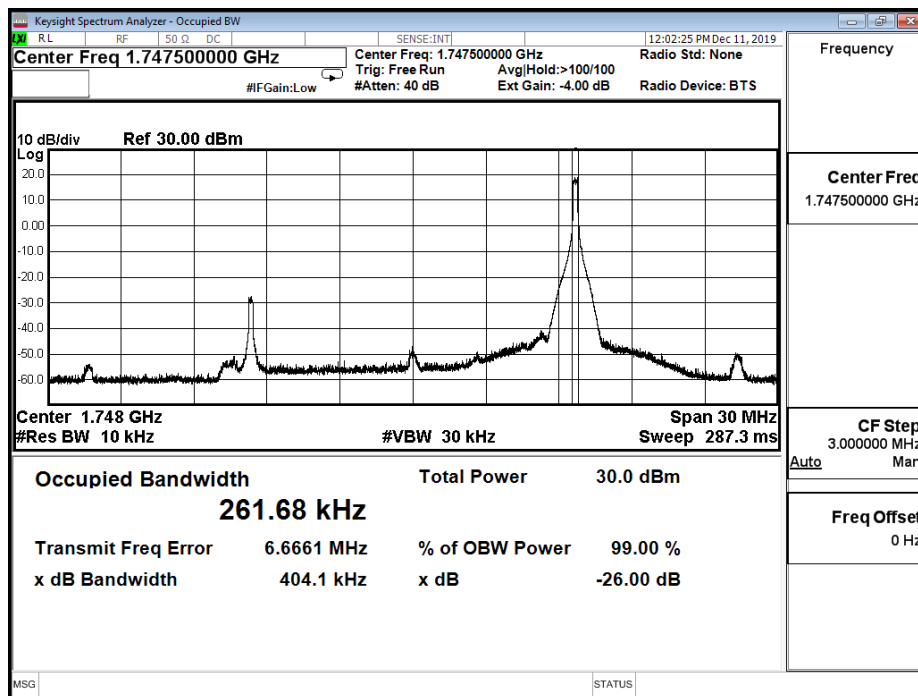
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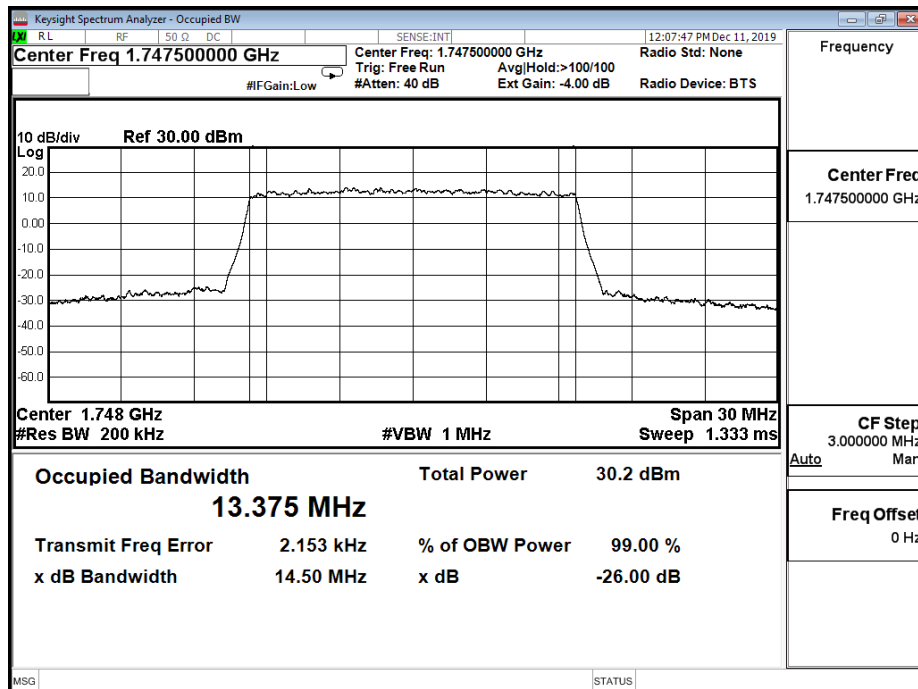
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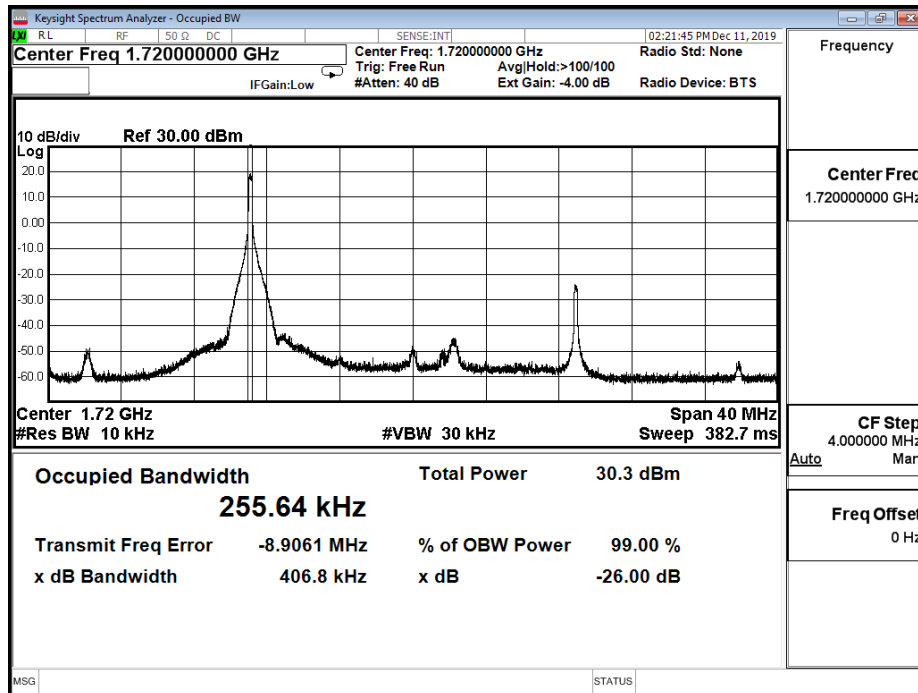
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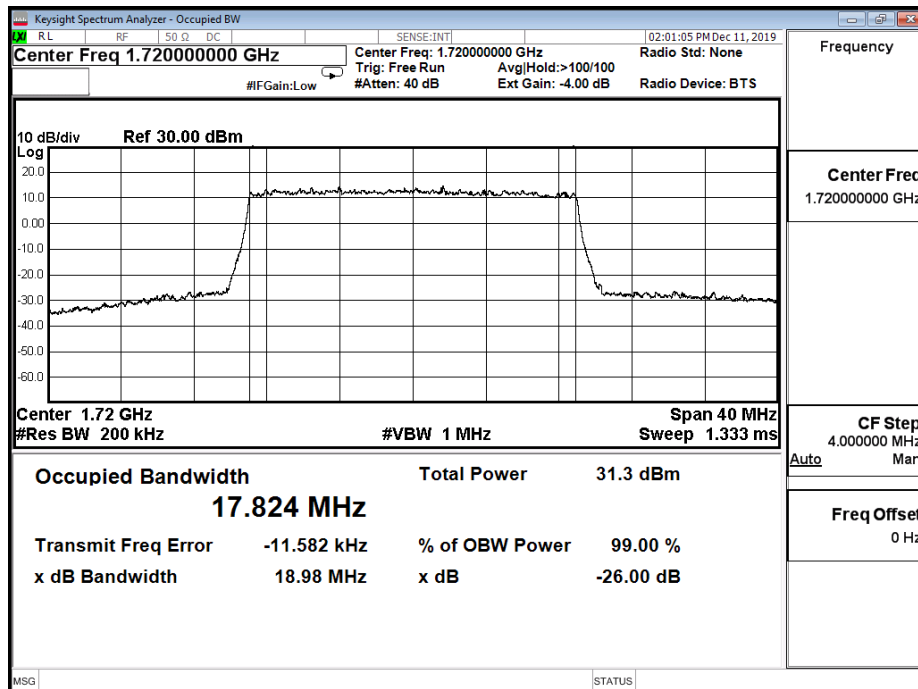
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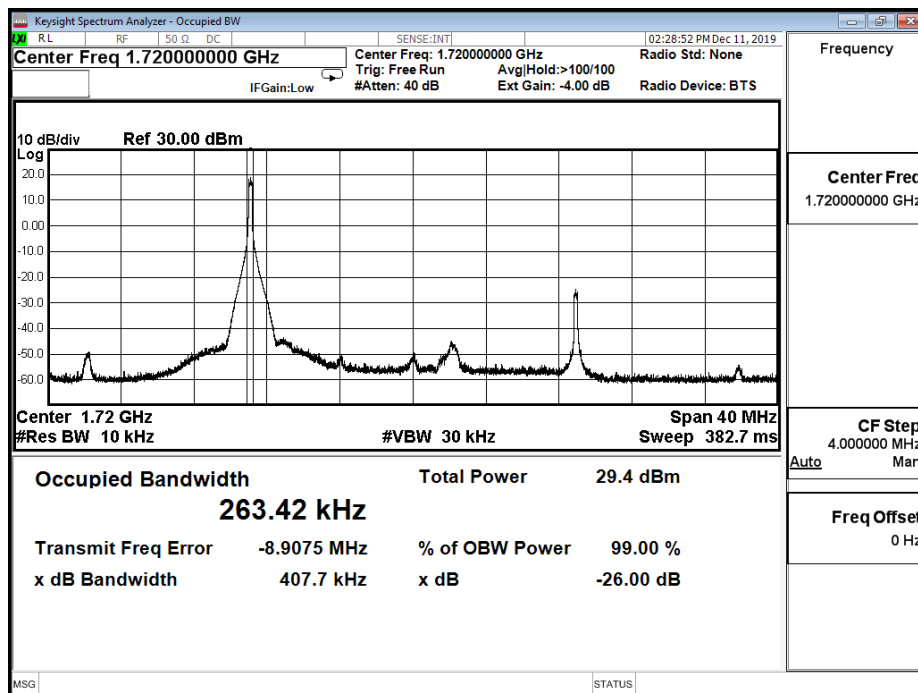
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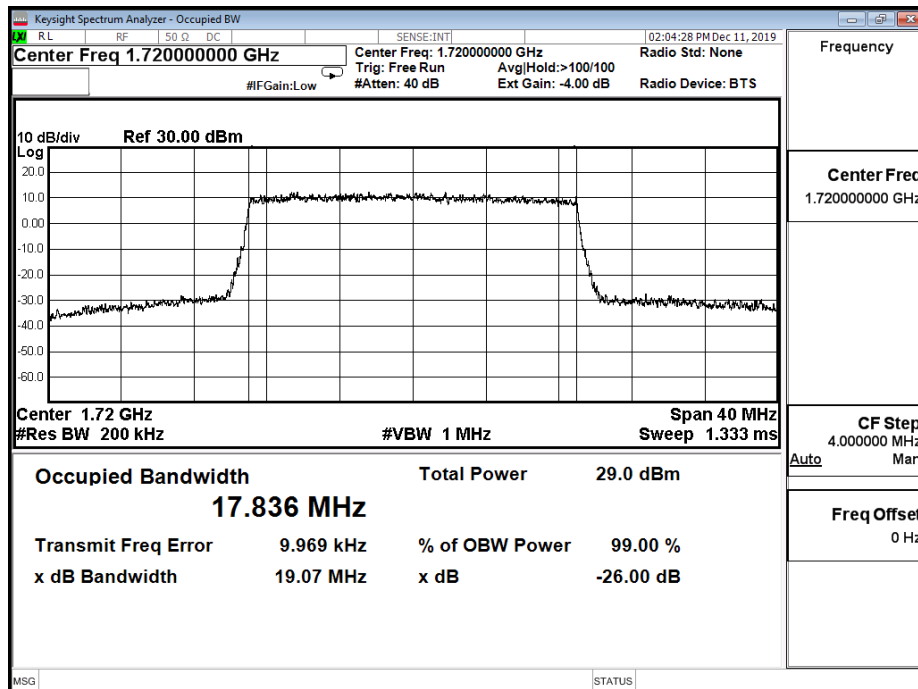
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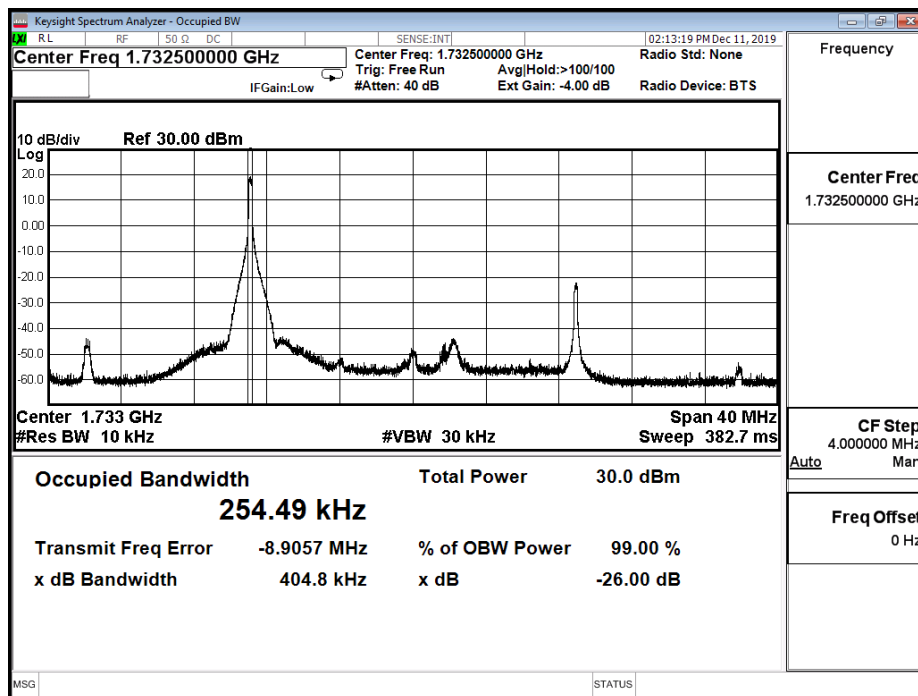
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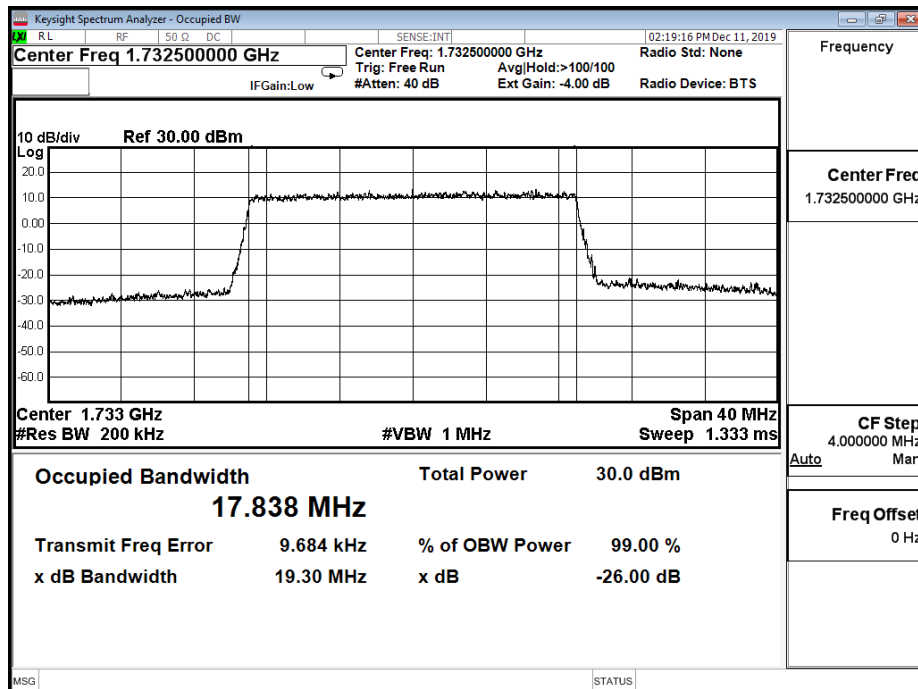
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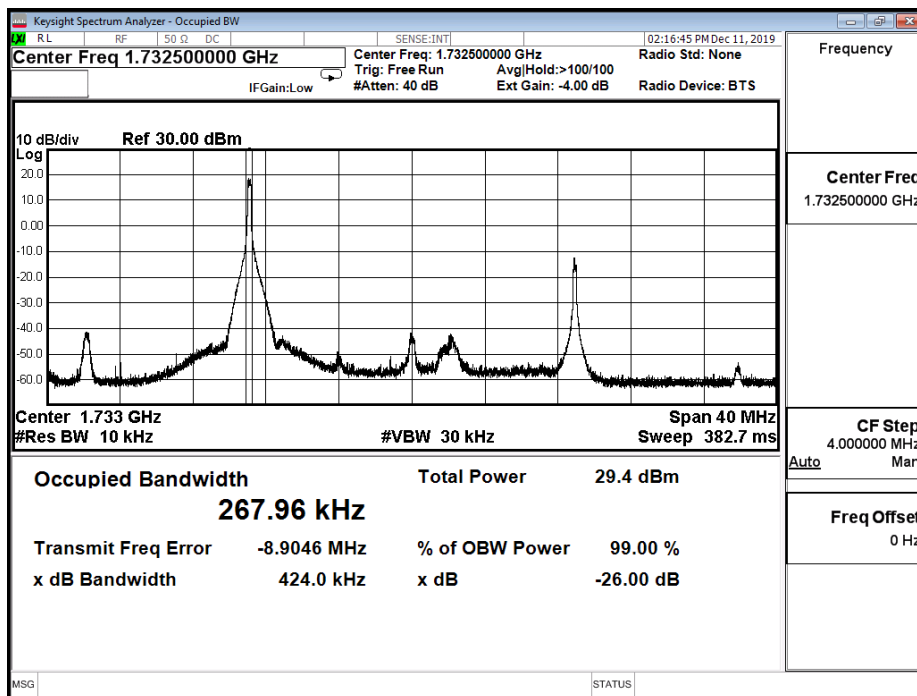
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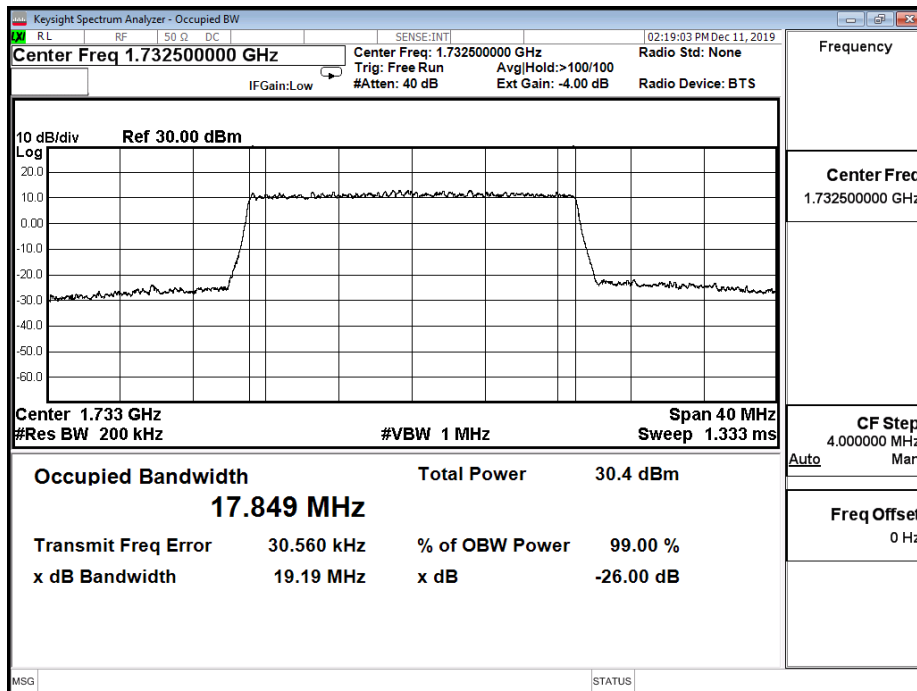
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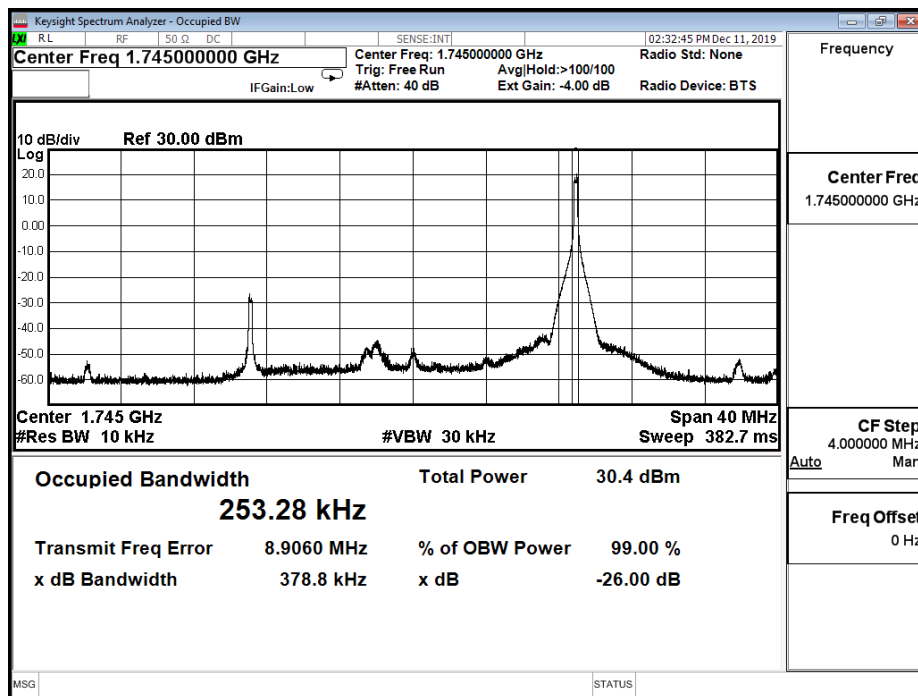
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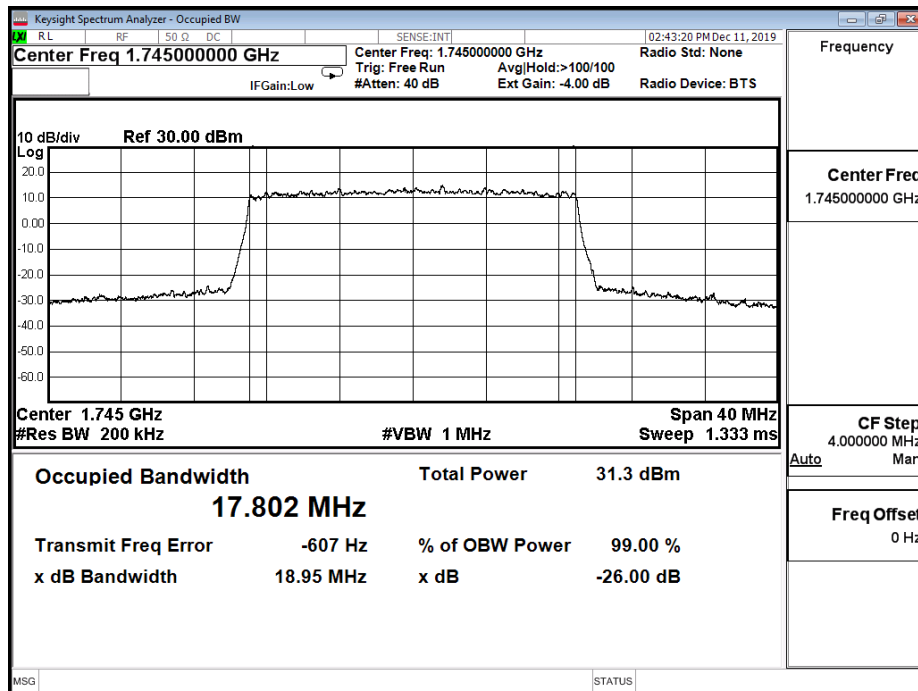
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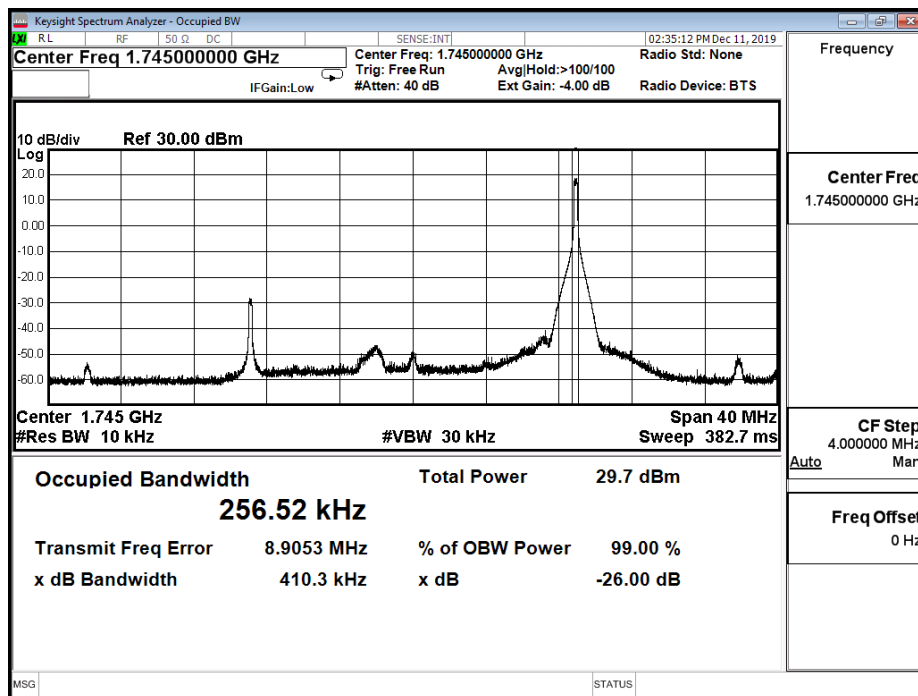
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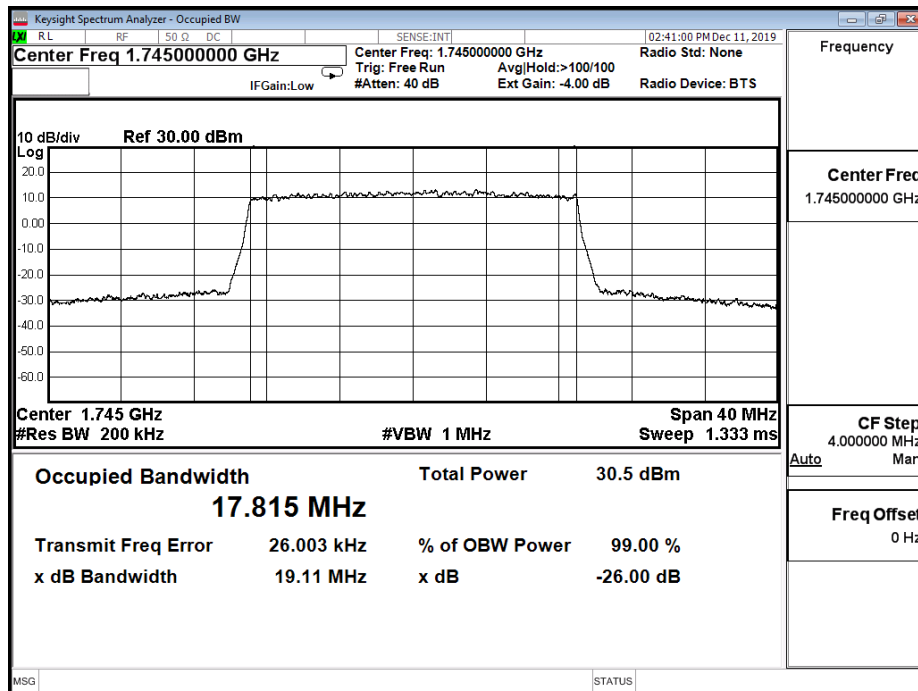
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B4_CH20300_20M_16-QAM_1RB99



B4_CH20300_20M_16-QAM_100RB0

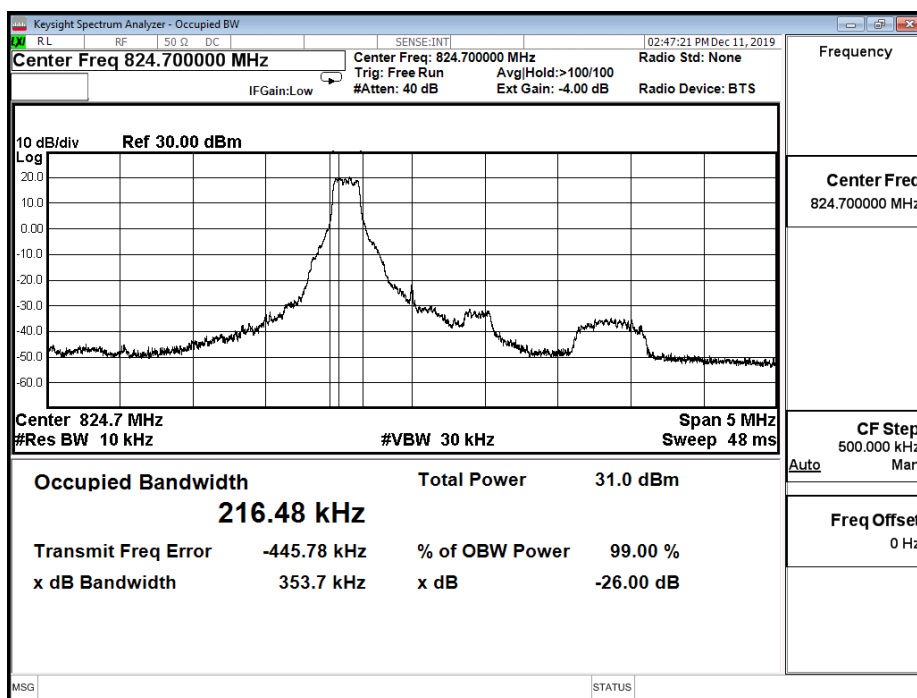


Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2019/12/11	Test Site	SR12-H
Temperature (°C)	24.0°C	Humidity (%RH)	59%RH

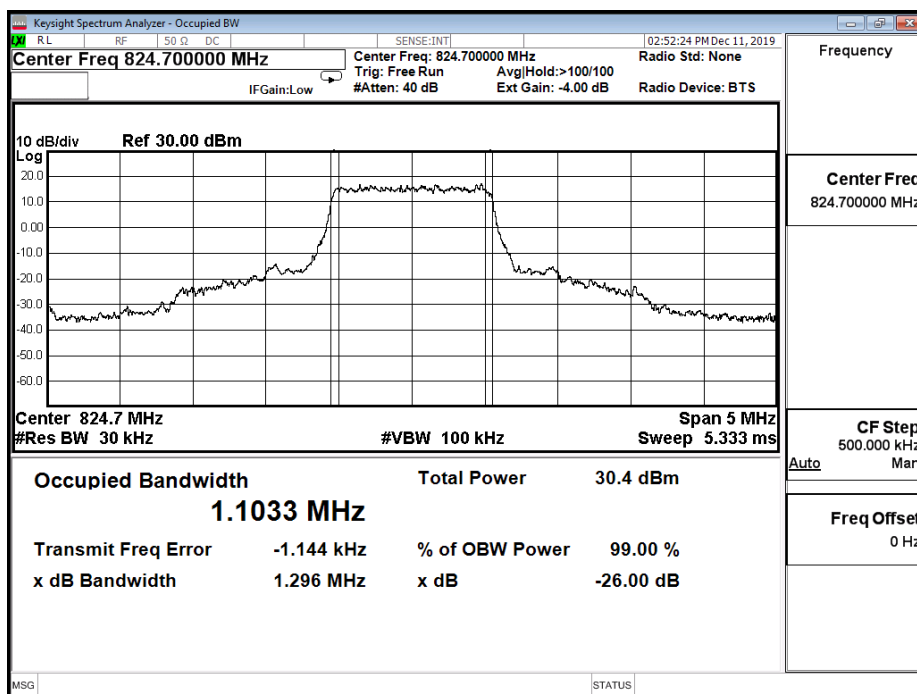
LTE Band 5_1RB Low/high					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	824.7	0.353	0.216	N/A
		836.5	0.360	0.219	N/A
		848.3	0.346	0.213	N/A
	16-QAM	824.7	0.356	0.221	N/A
		836.5	0.366	0.237	N/A
		848.3	0.347	0.219	N/A
3M	QPSK	825.5	0.335	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

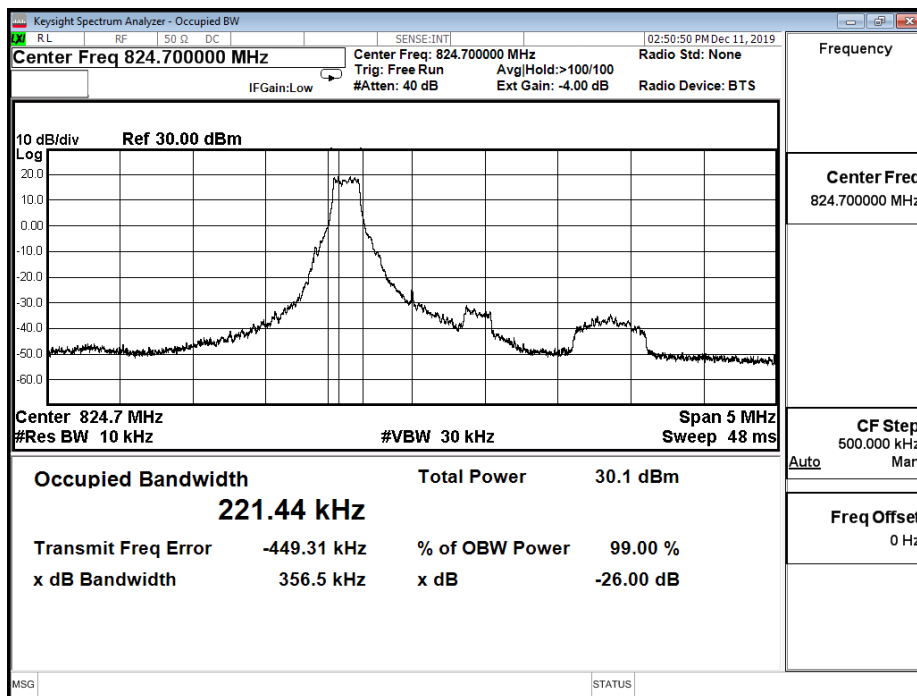
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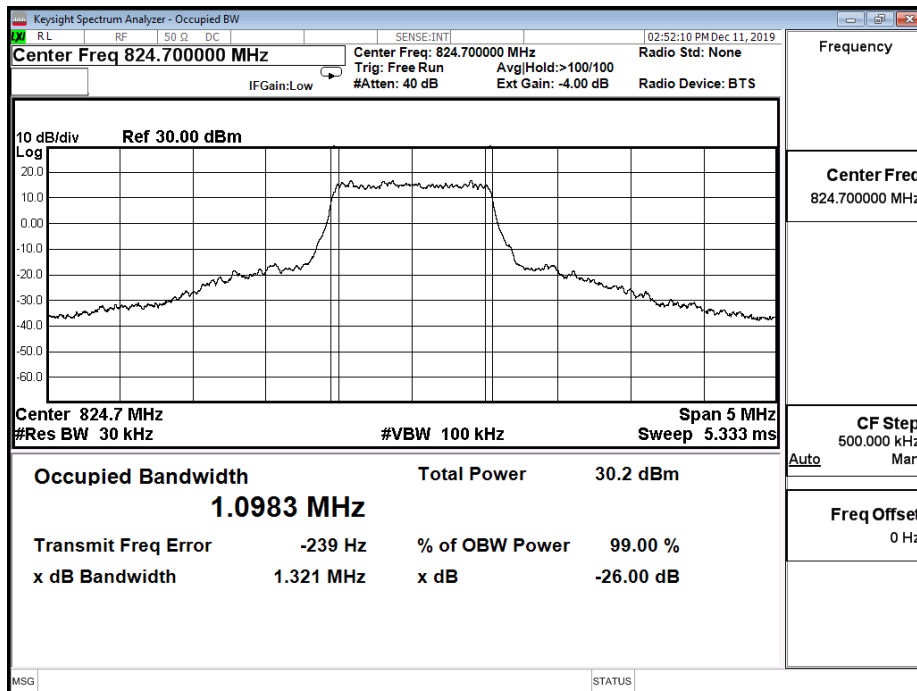
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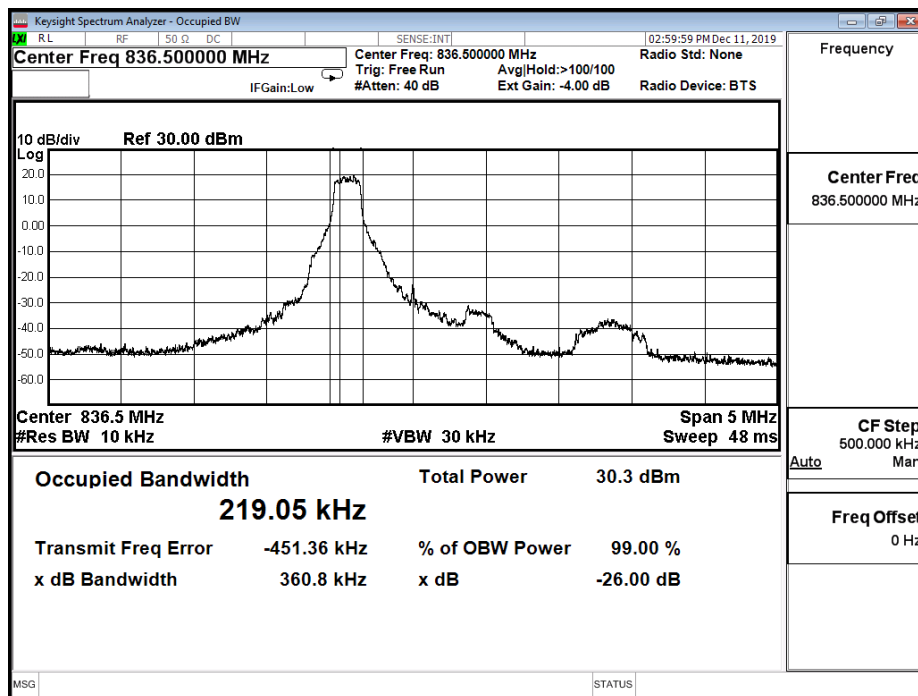
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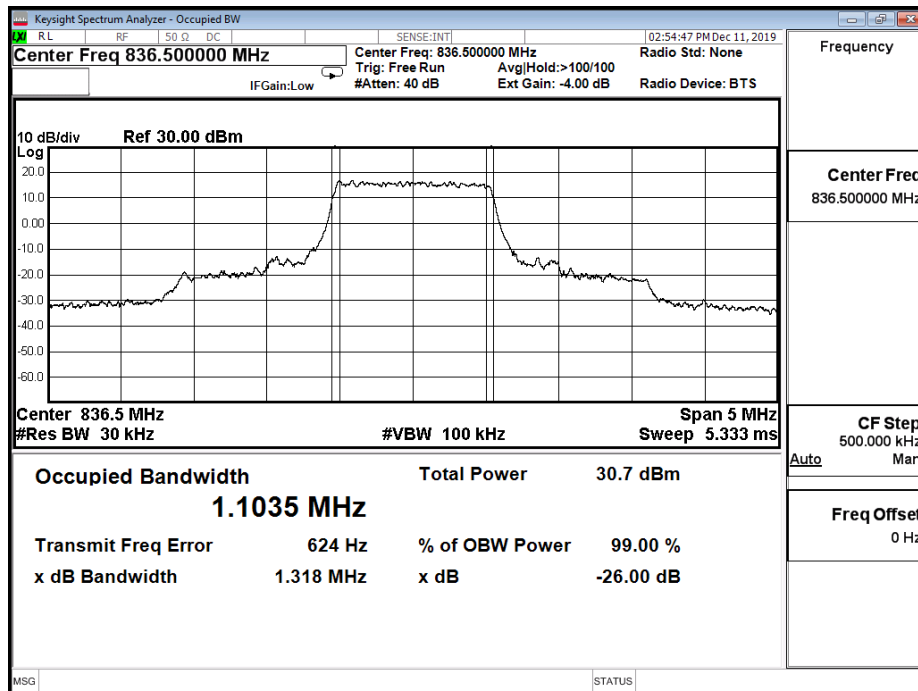
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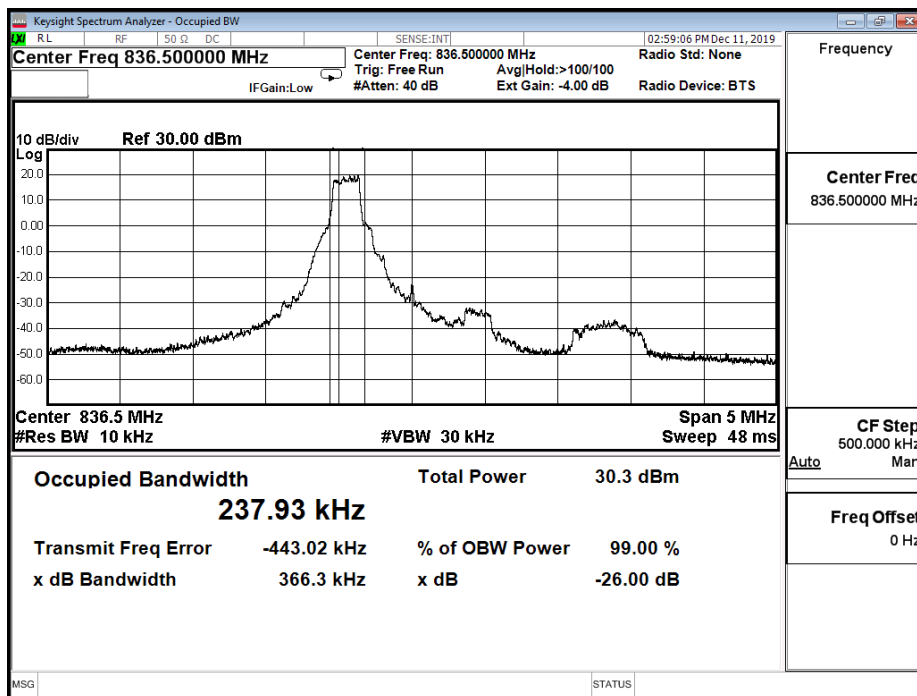
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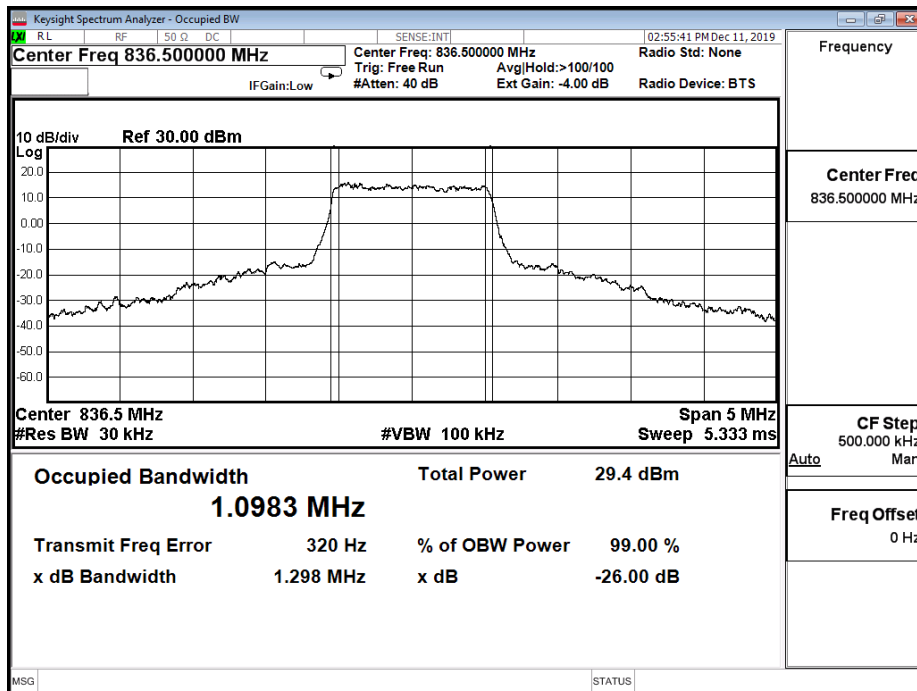
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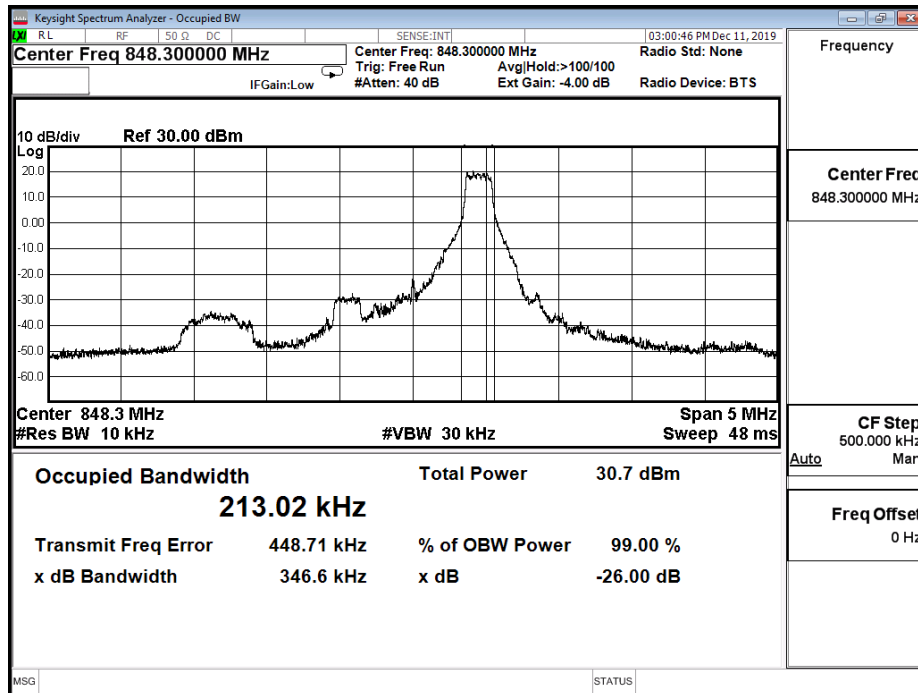
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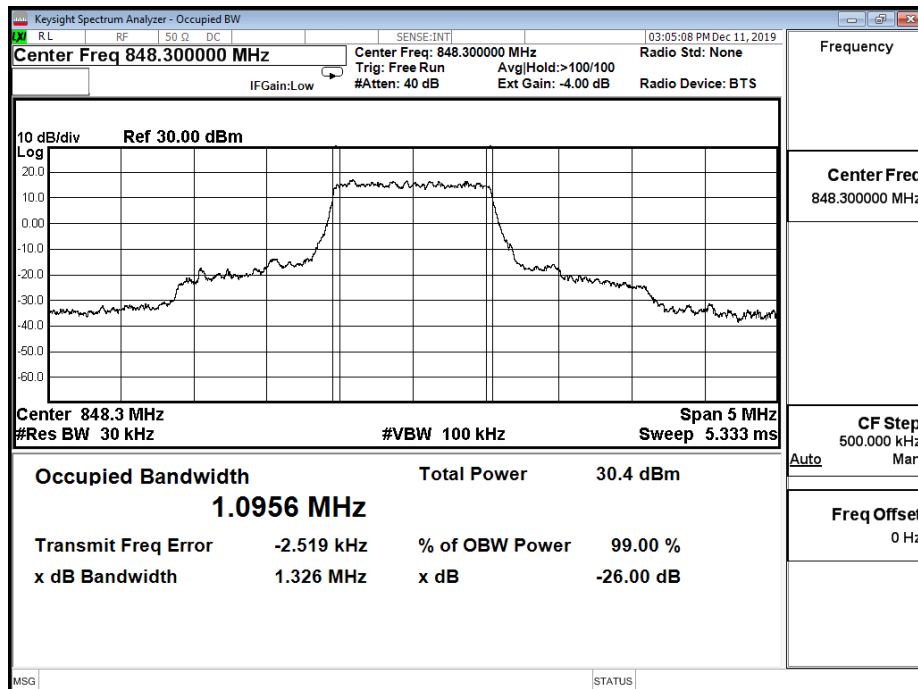
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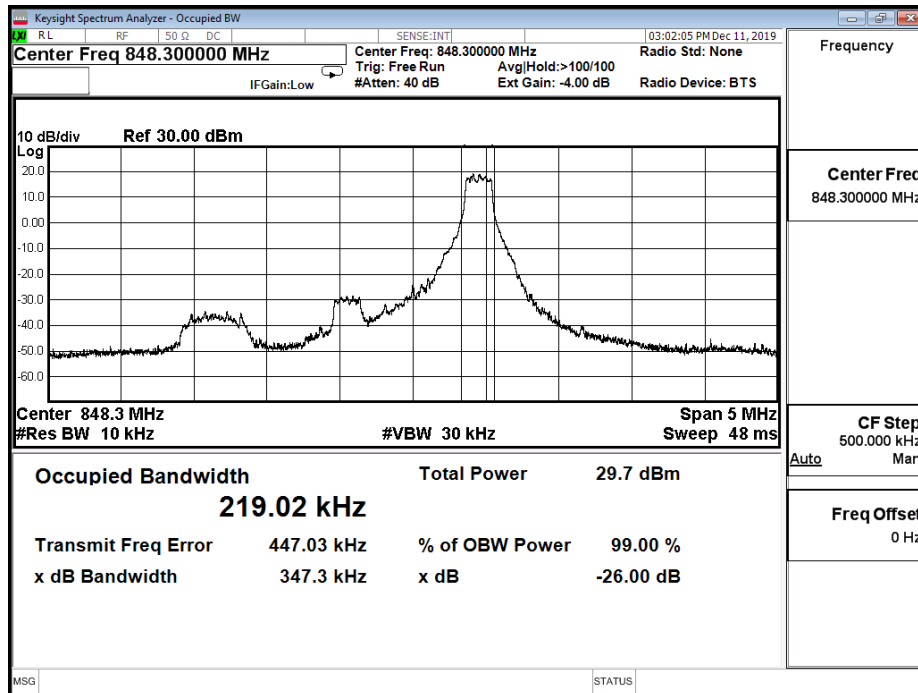
B5_CH20643_1.4M_QPSK_1RB5



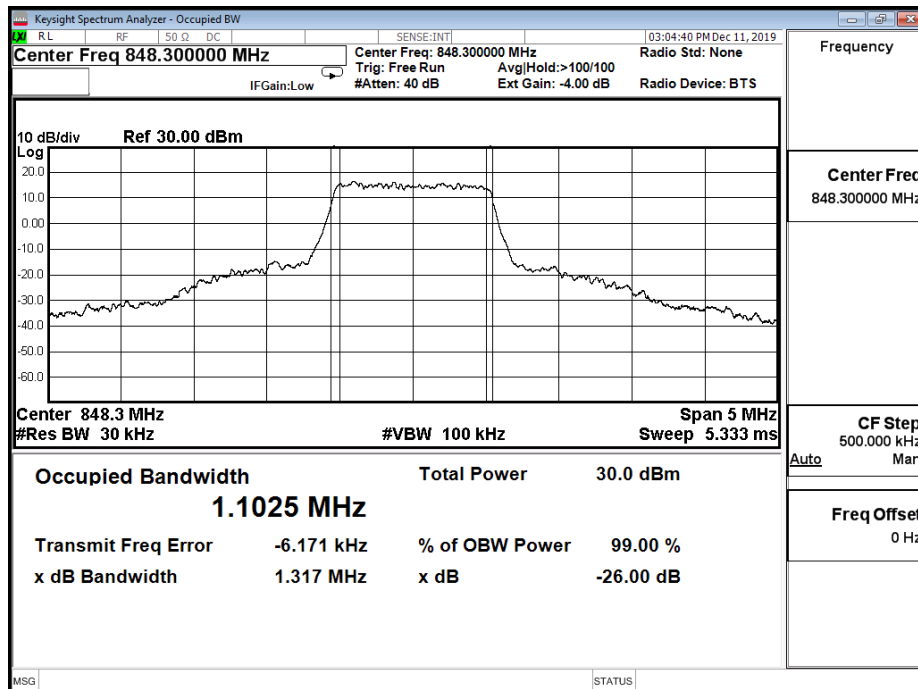
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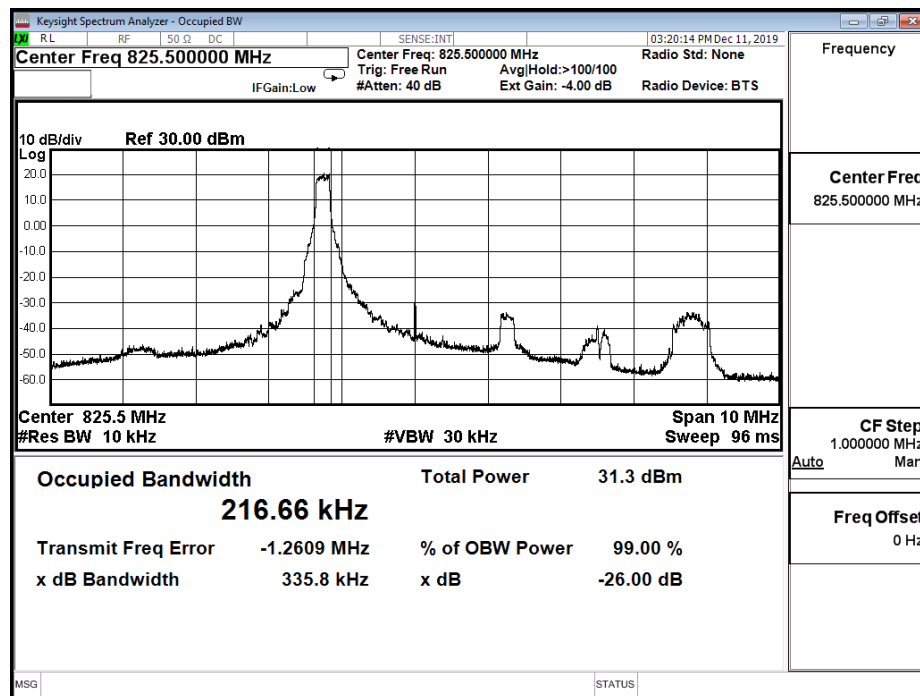
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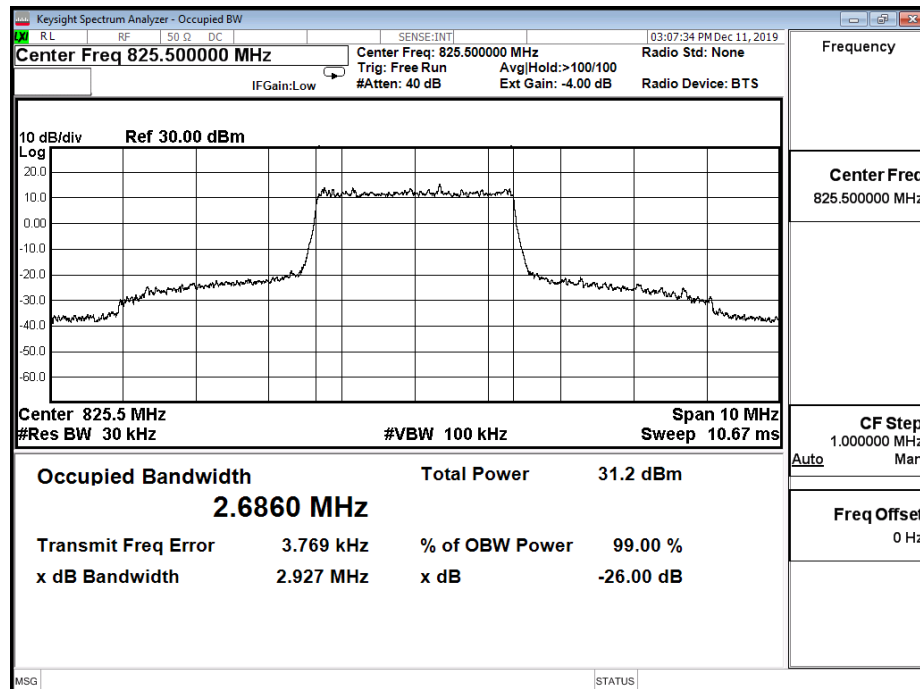
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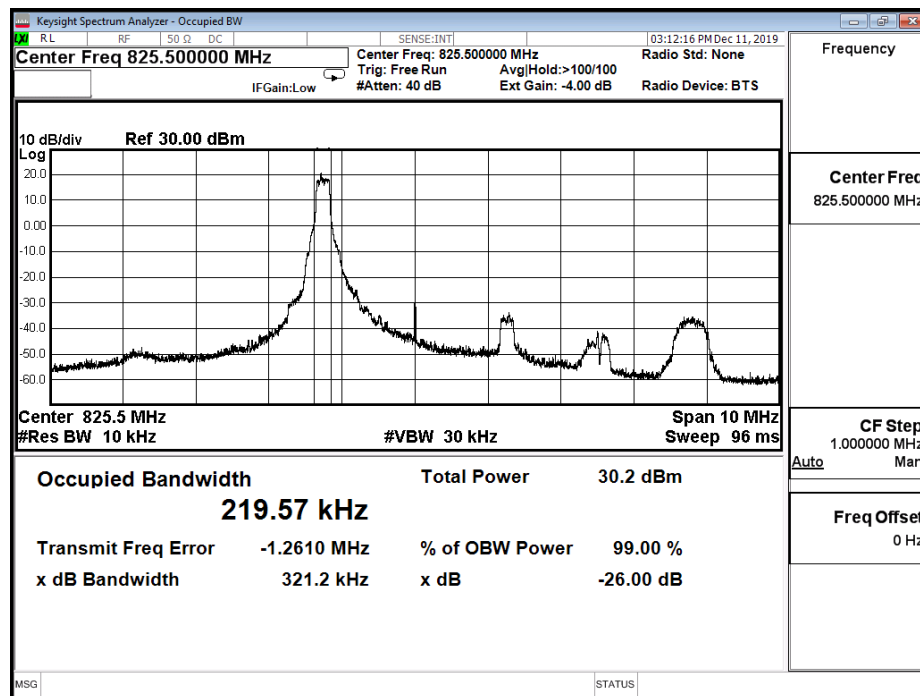
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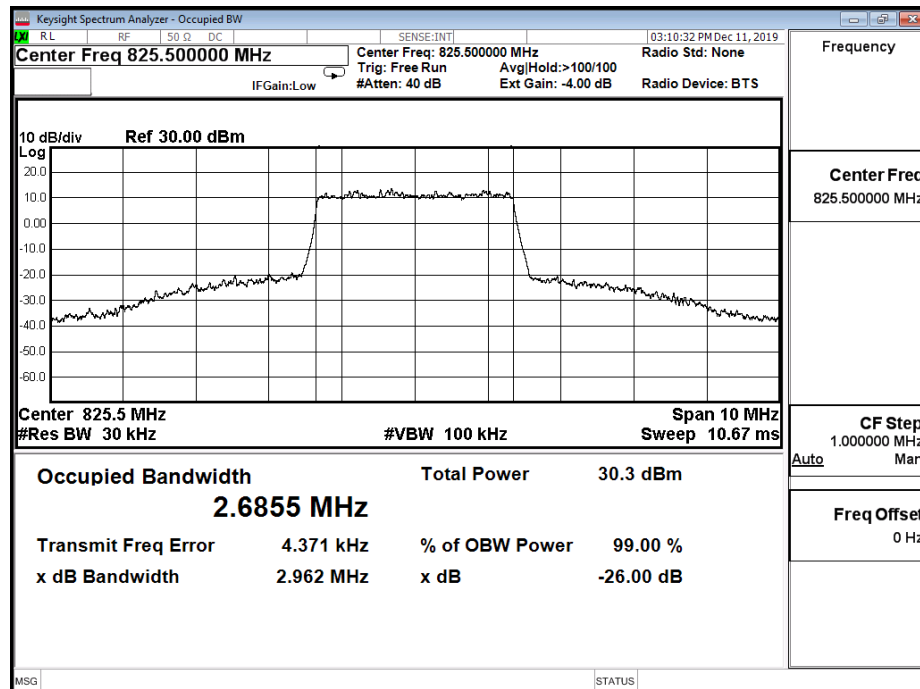
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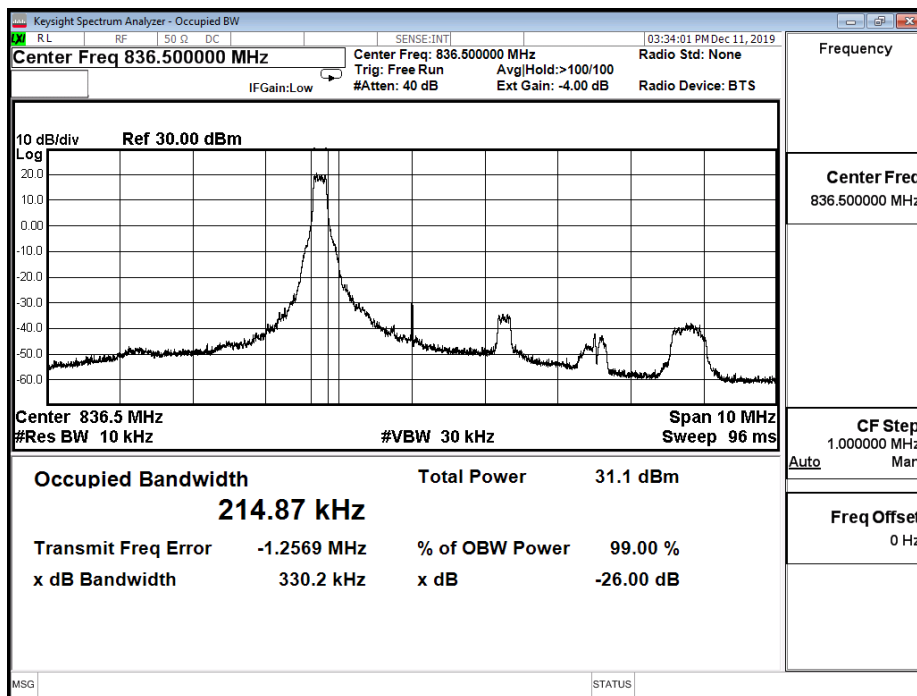
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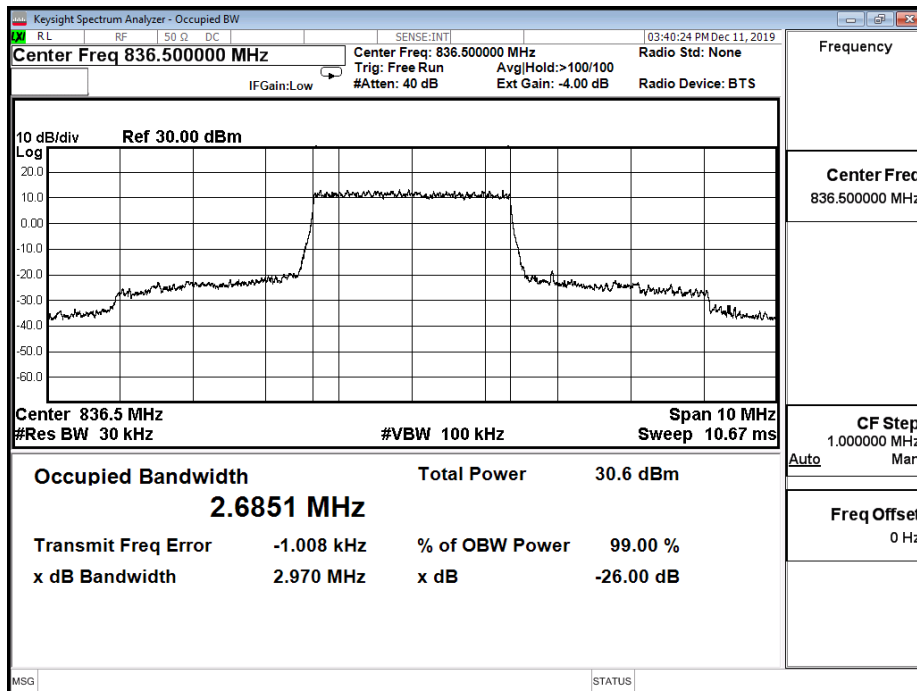
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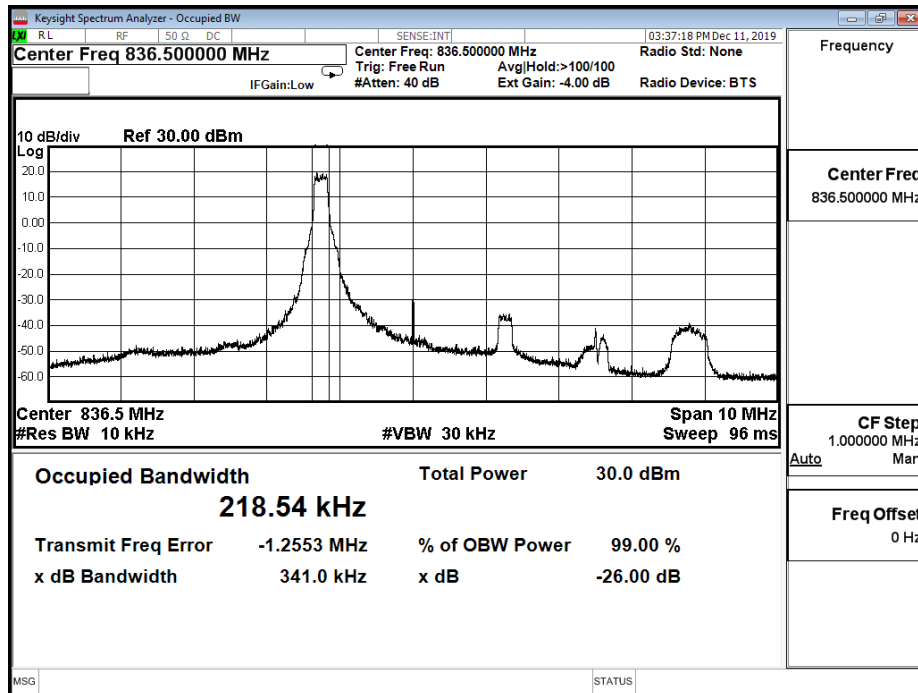
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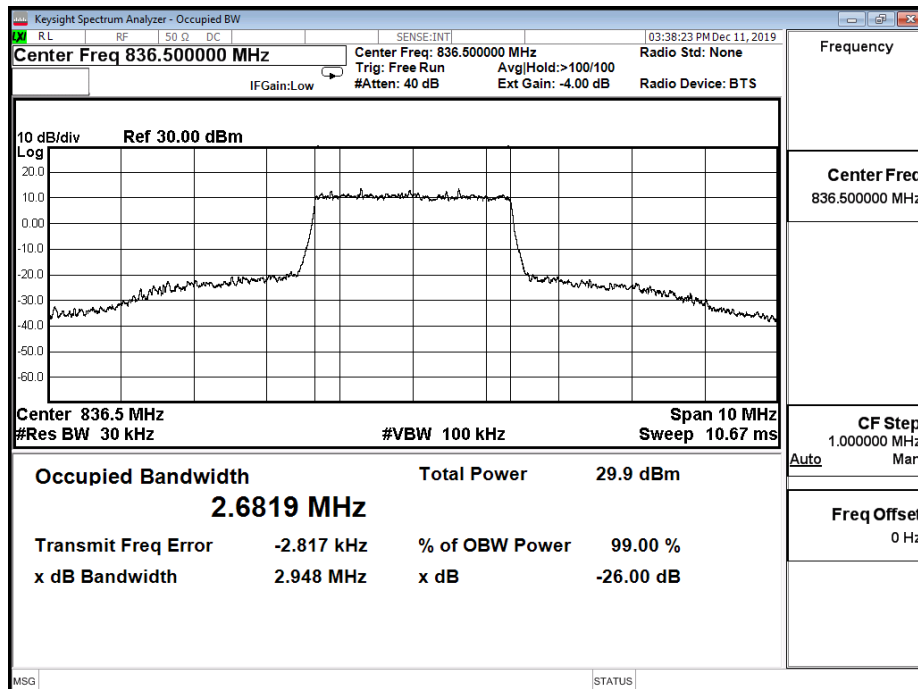
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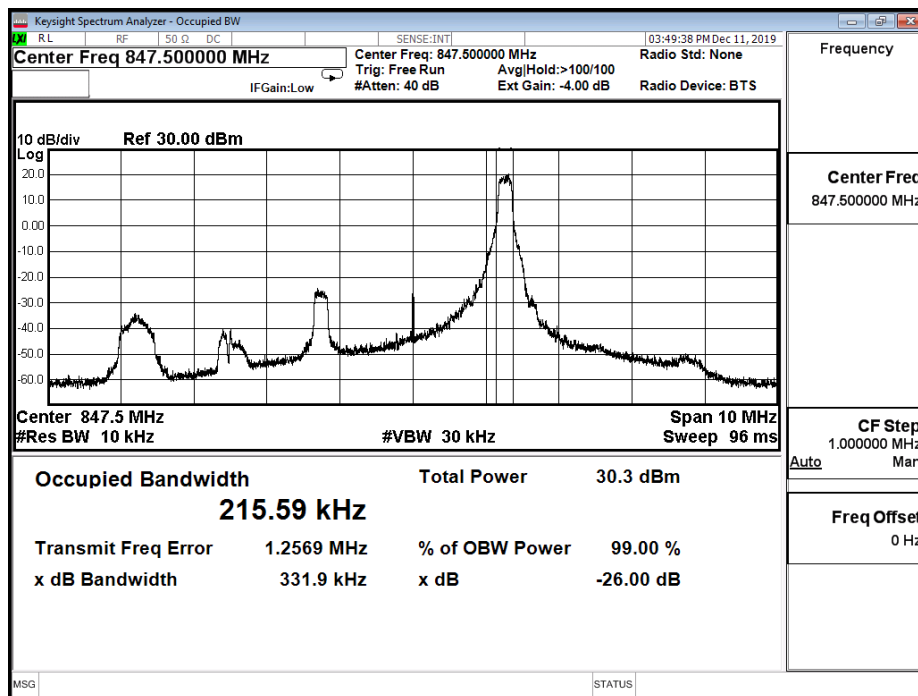
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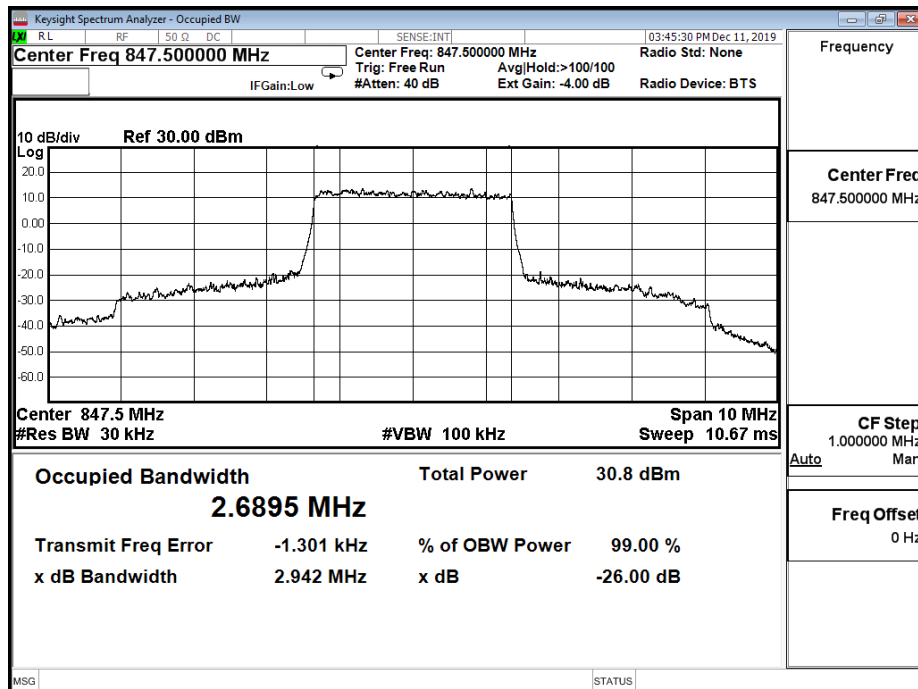
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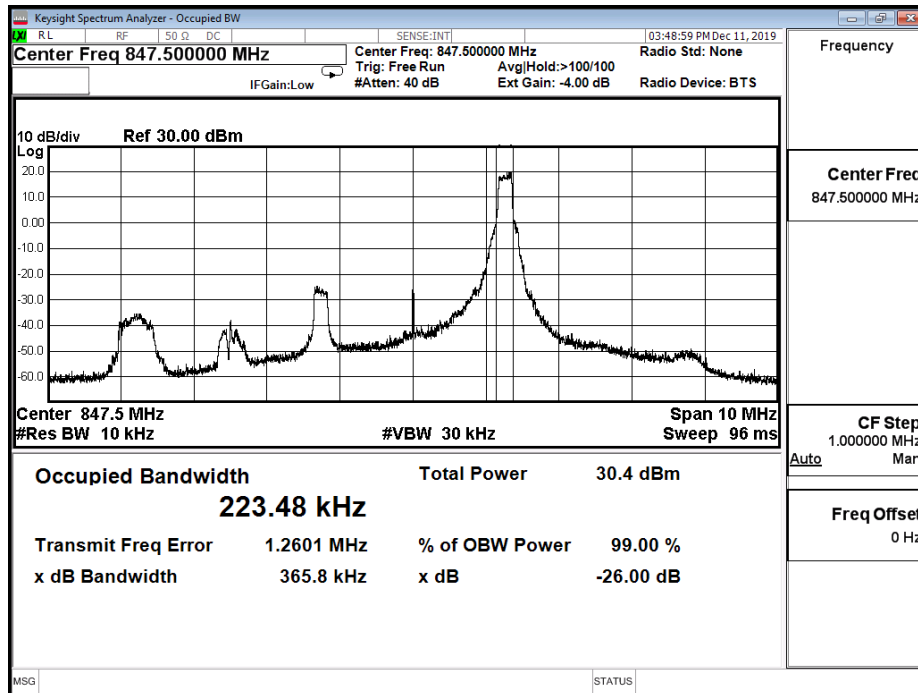
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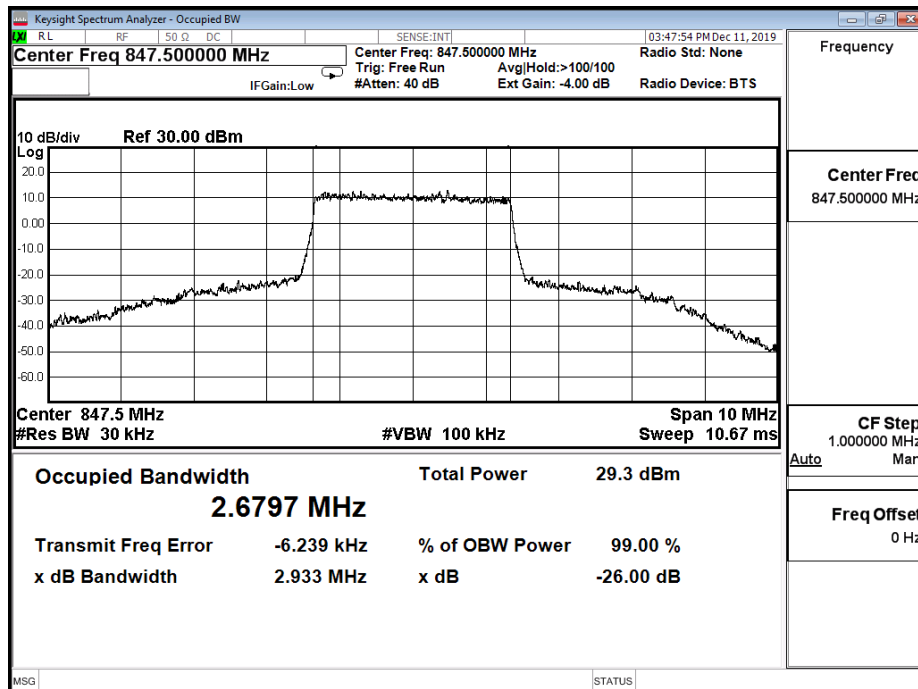
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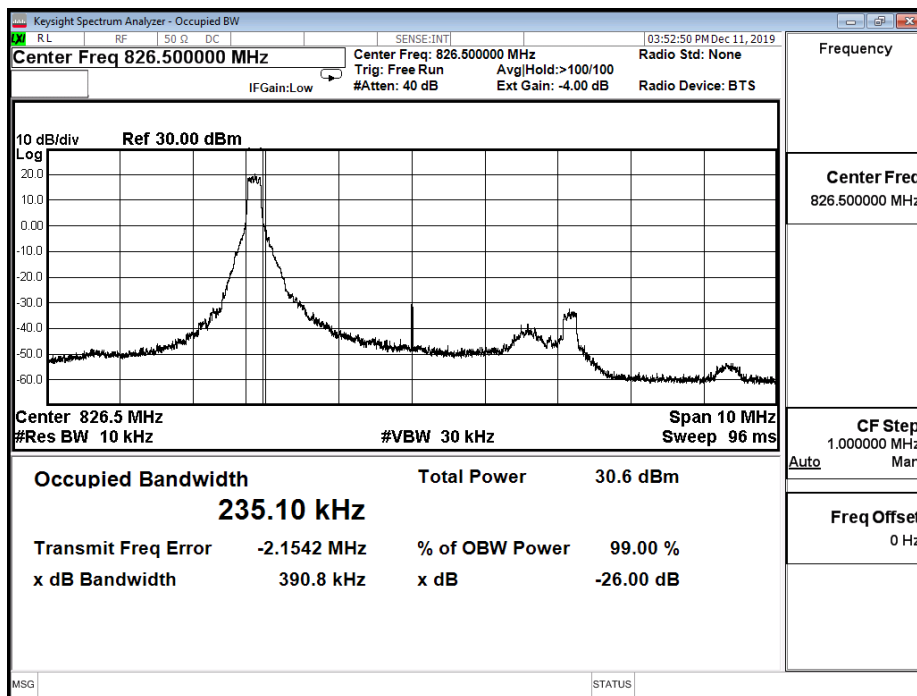
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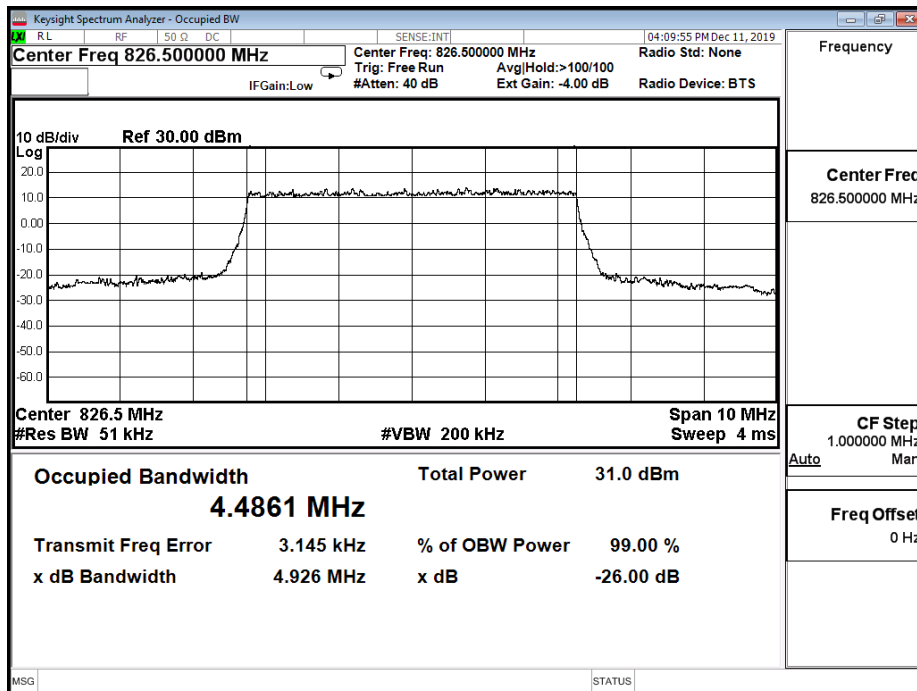
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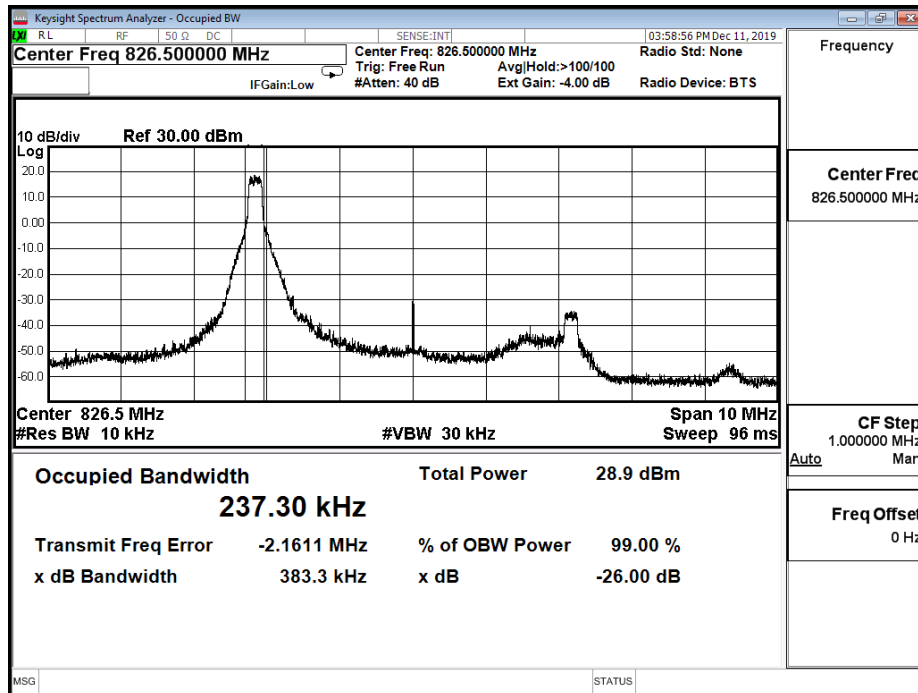
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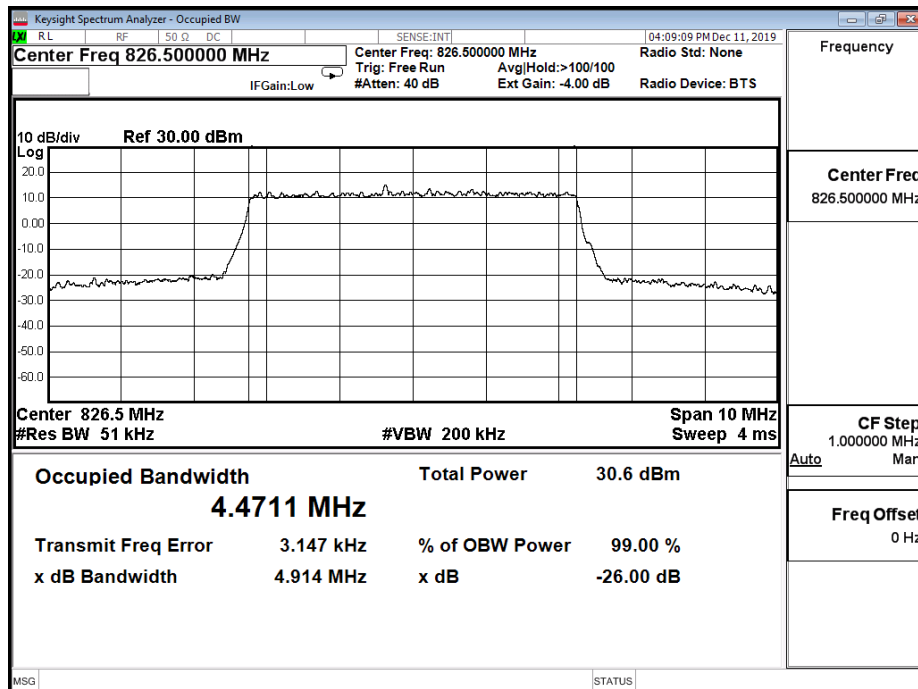
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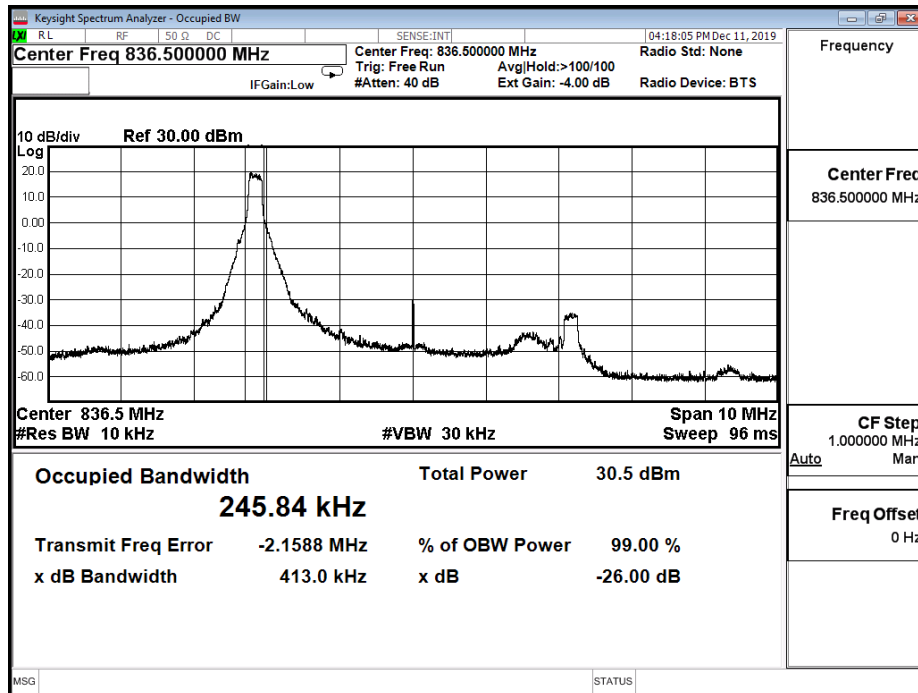
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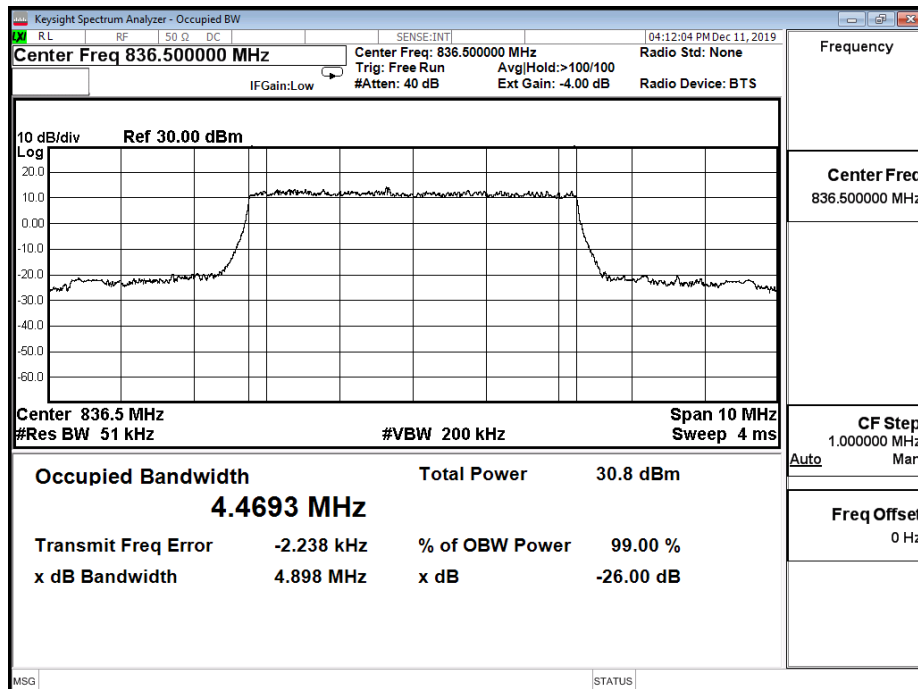
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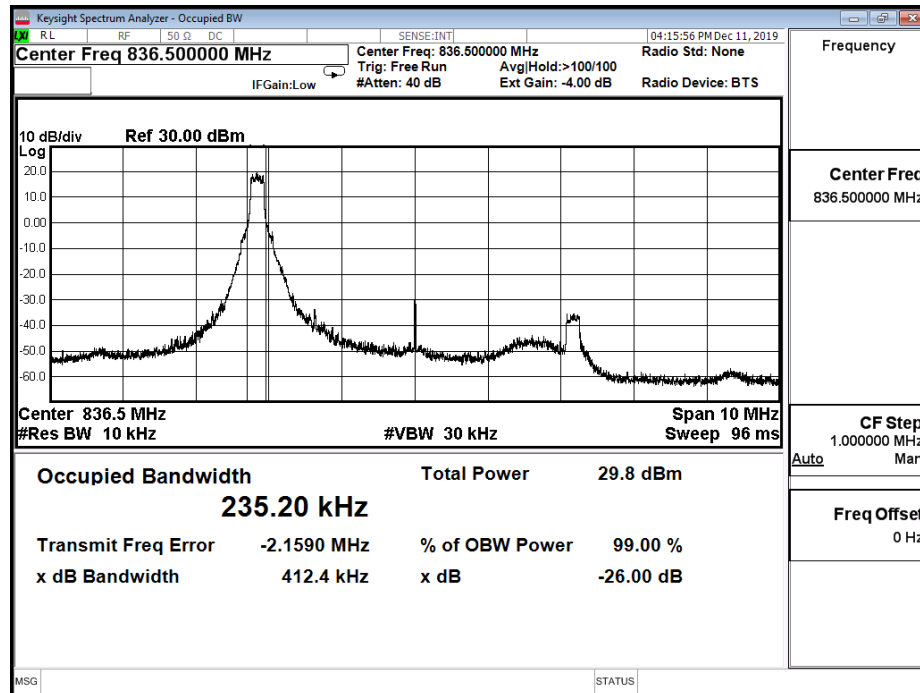
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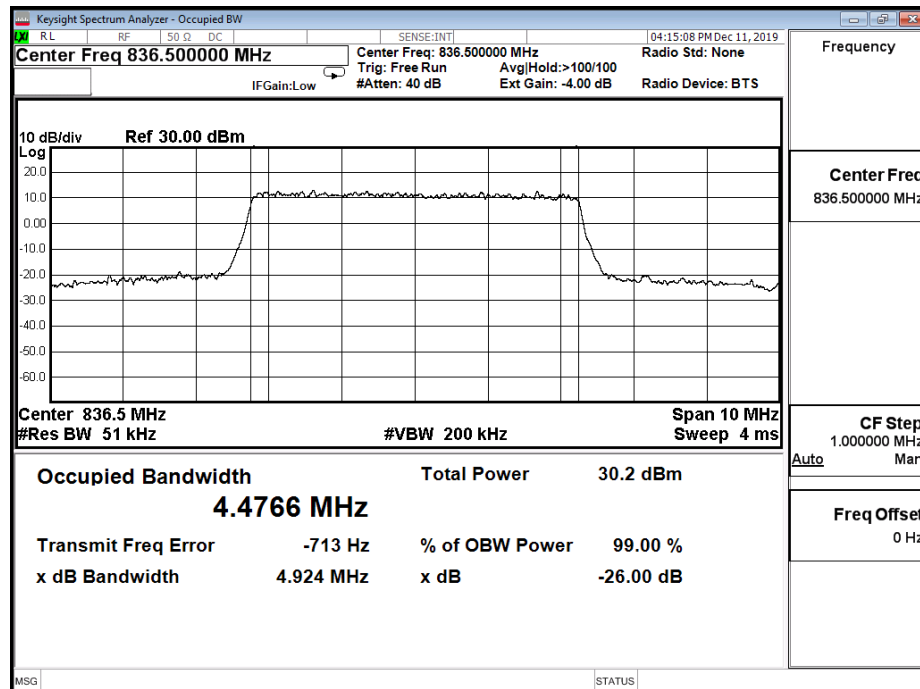
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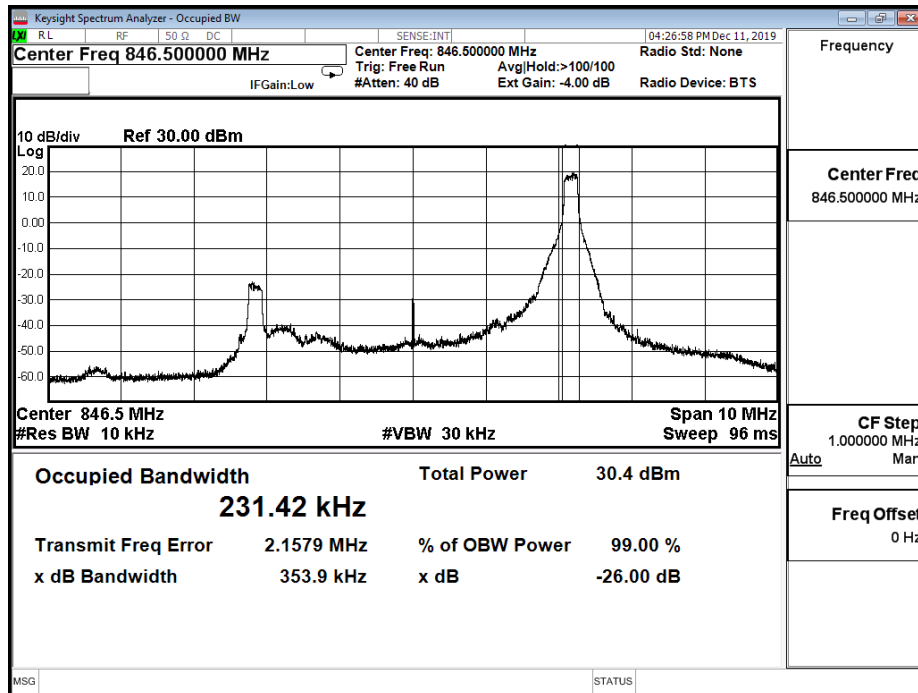
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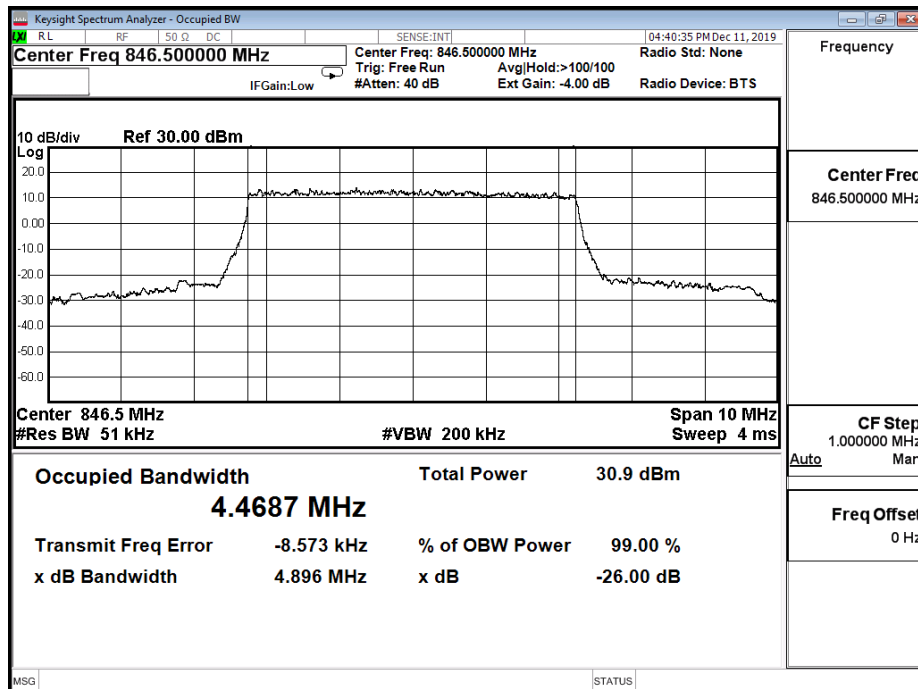
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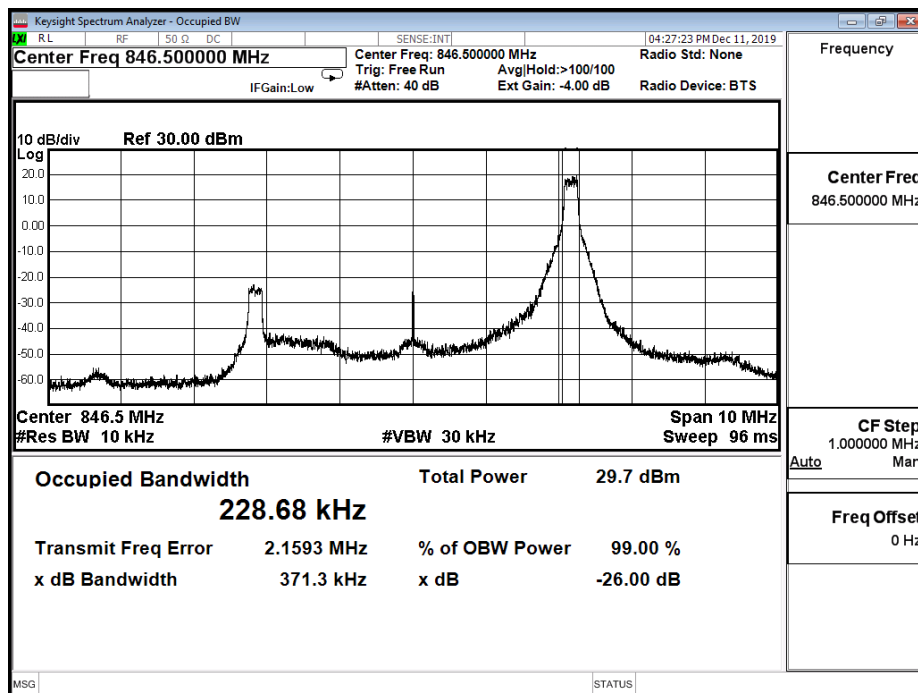
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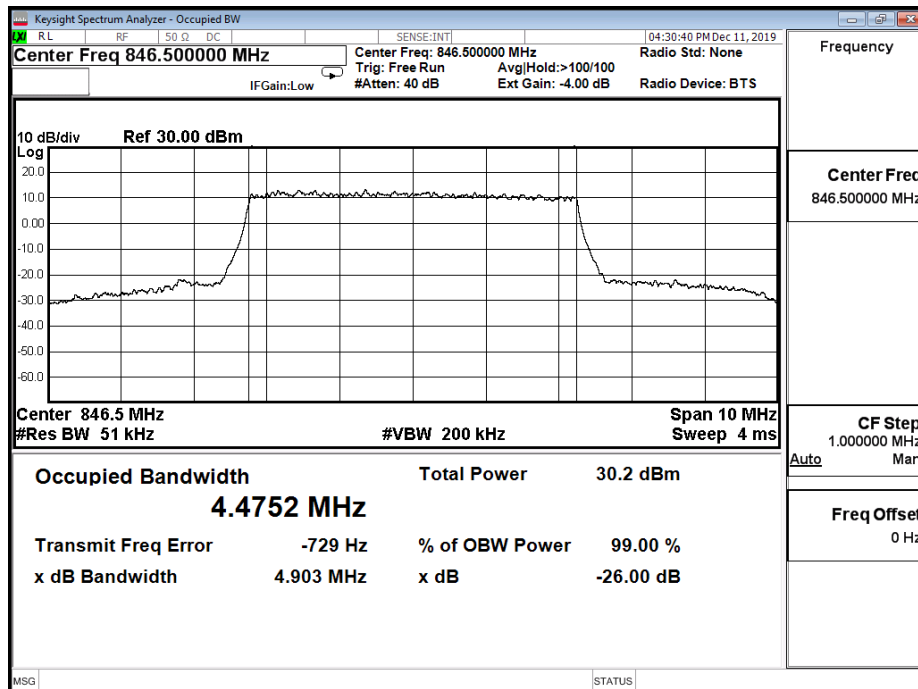
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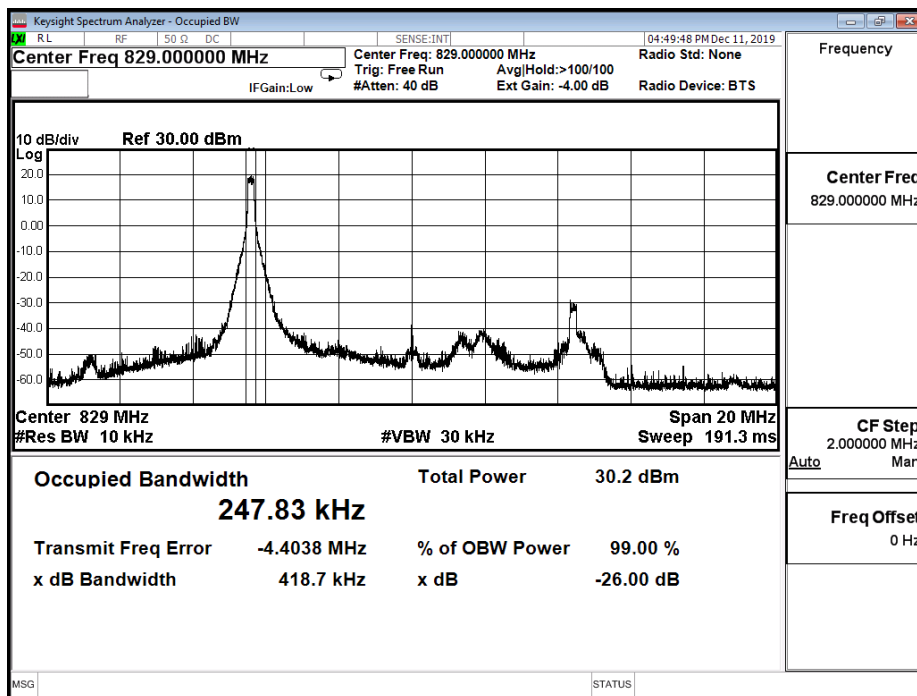
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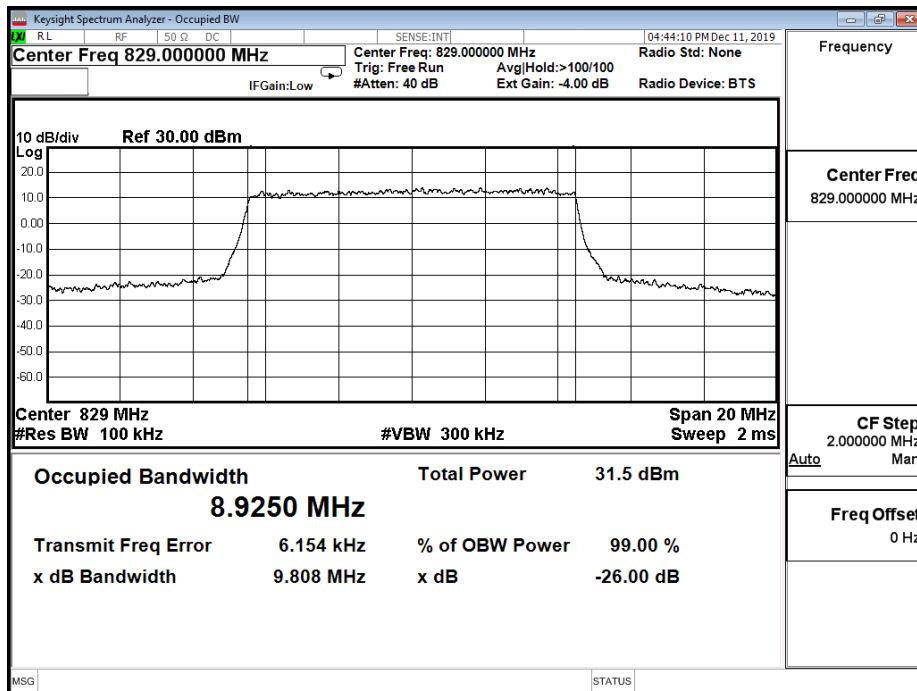
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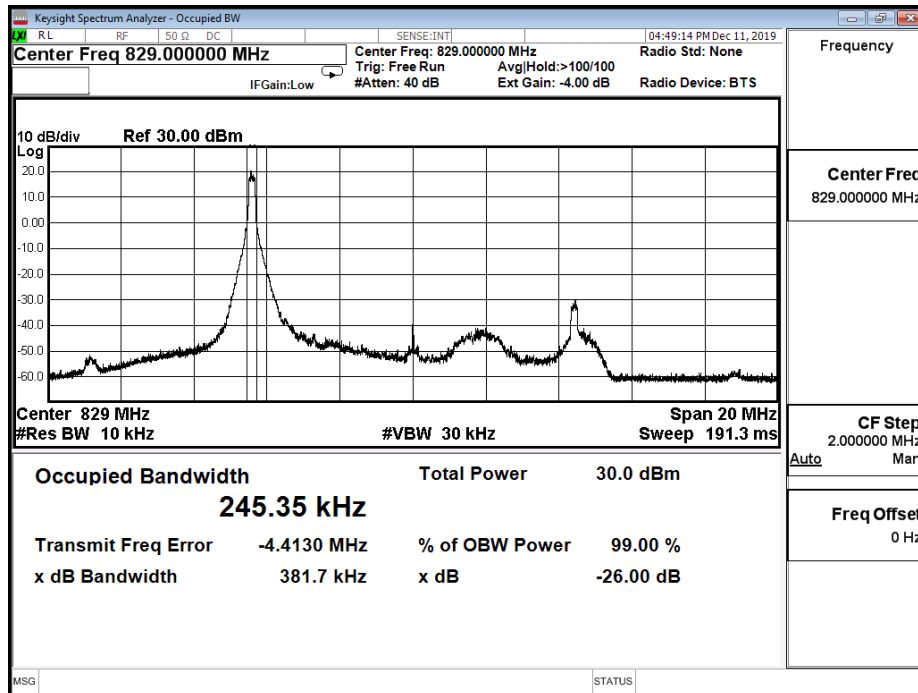
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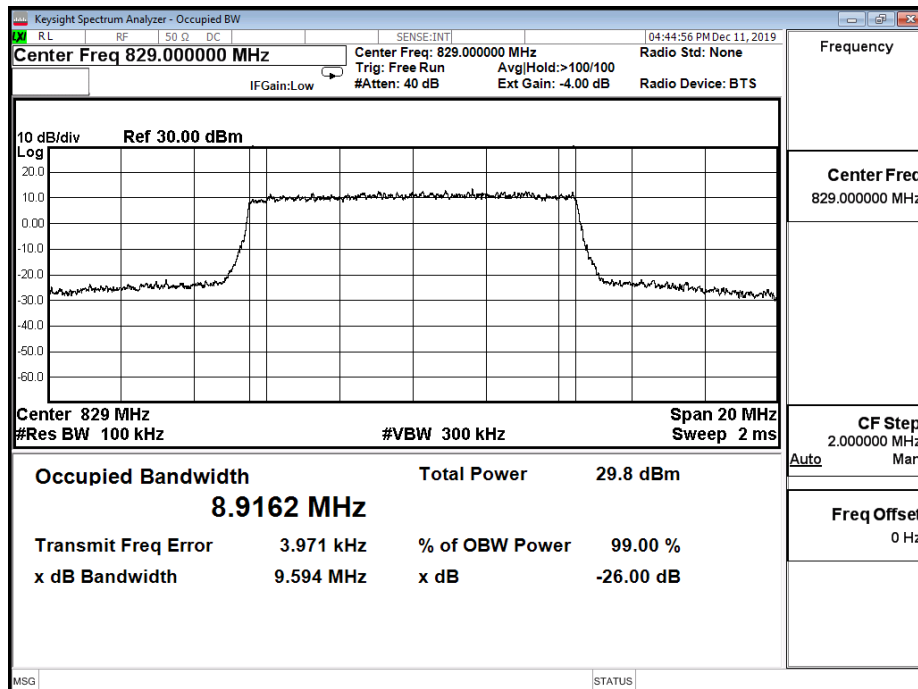
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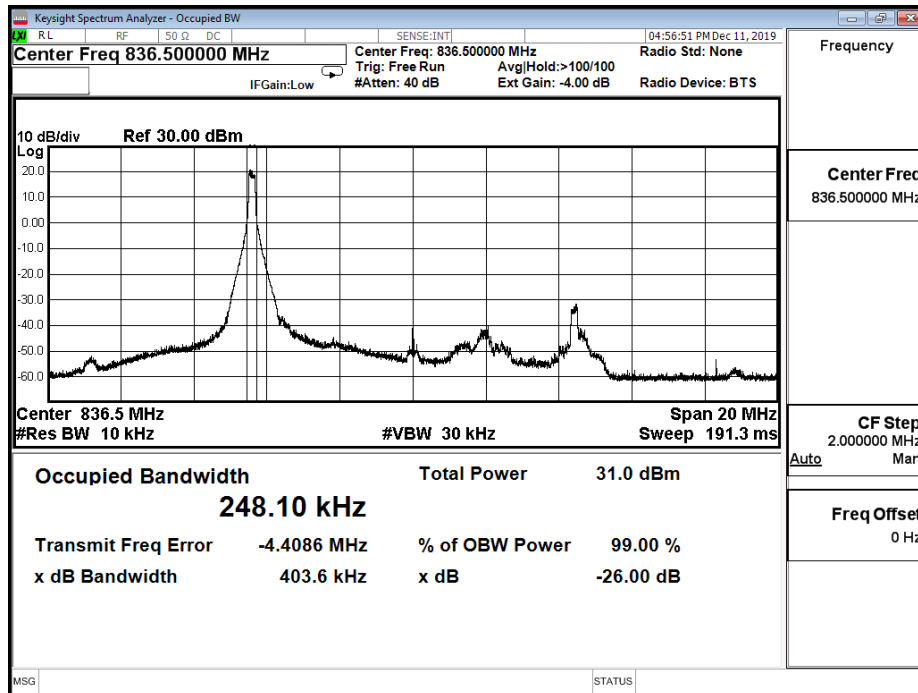
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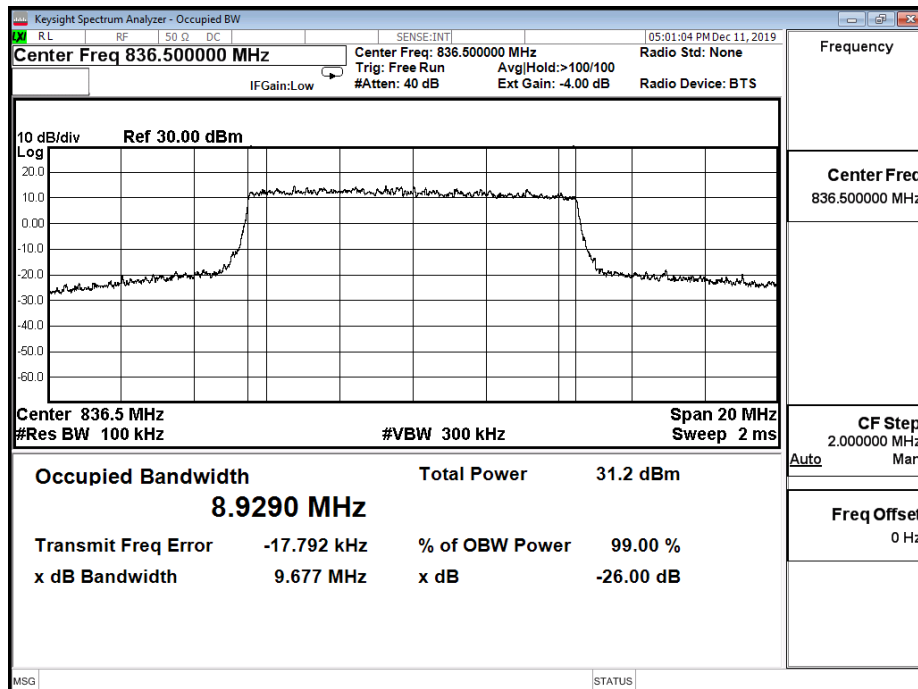
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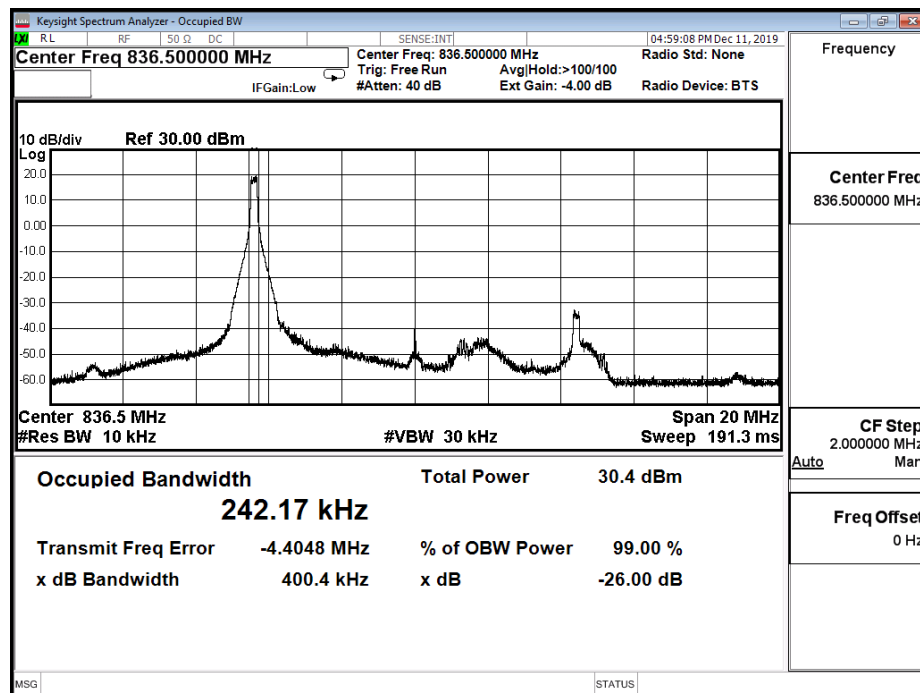
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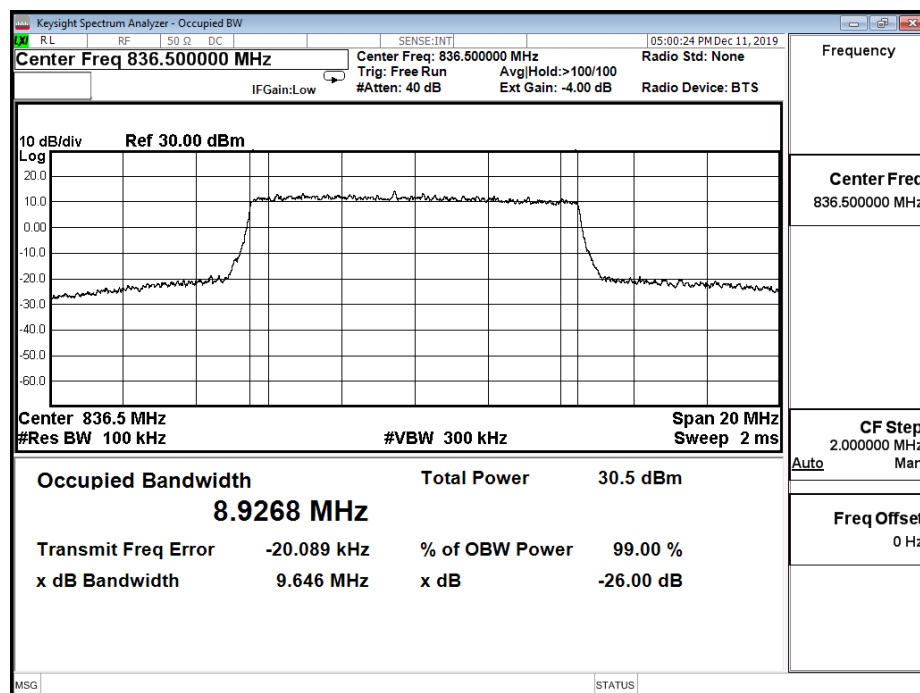
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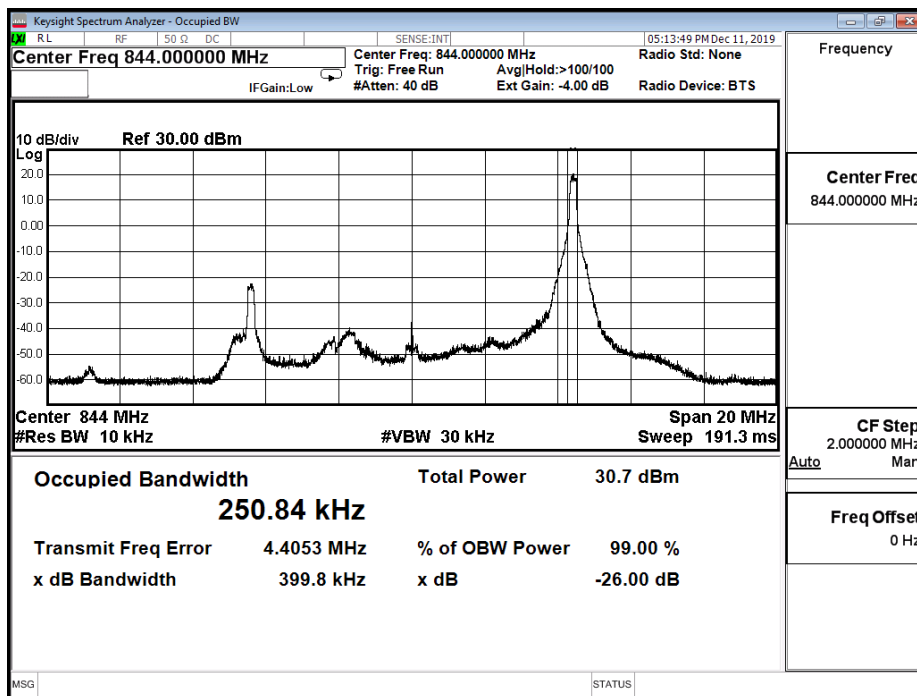
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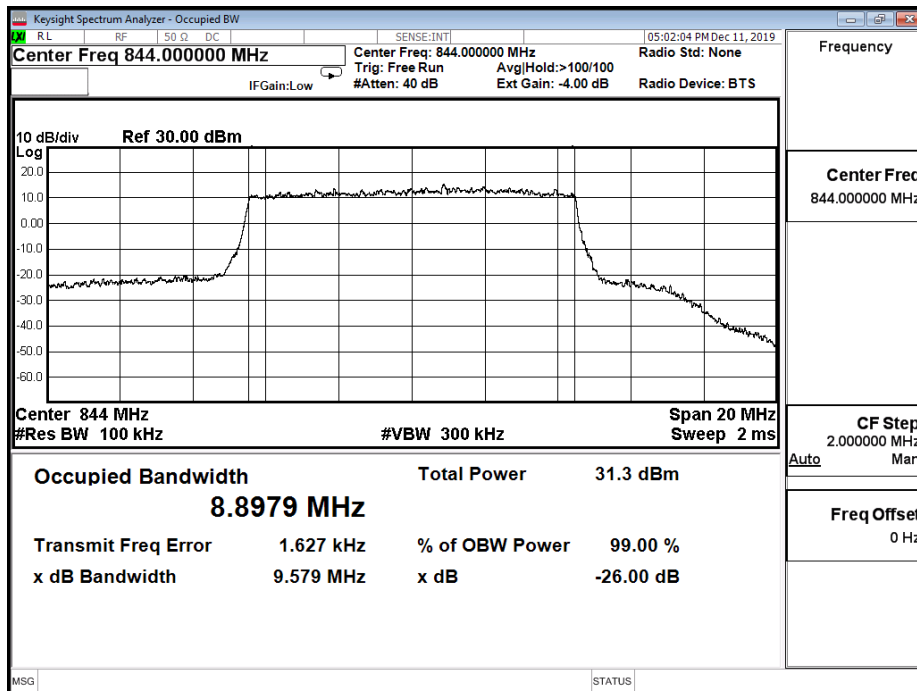
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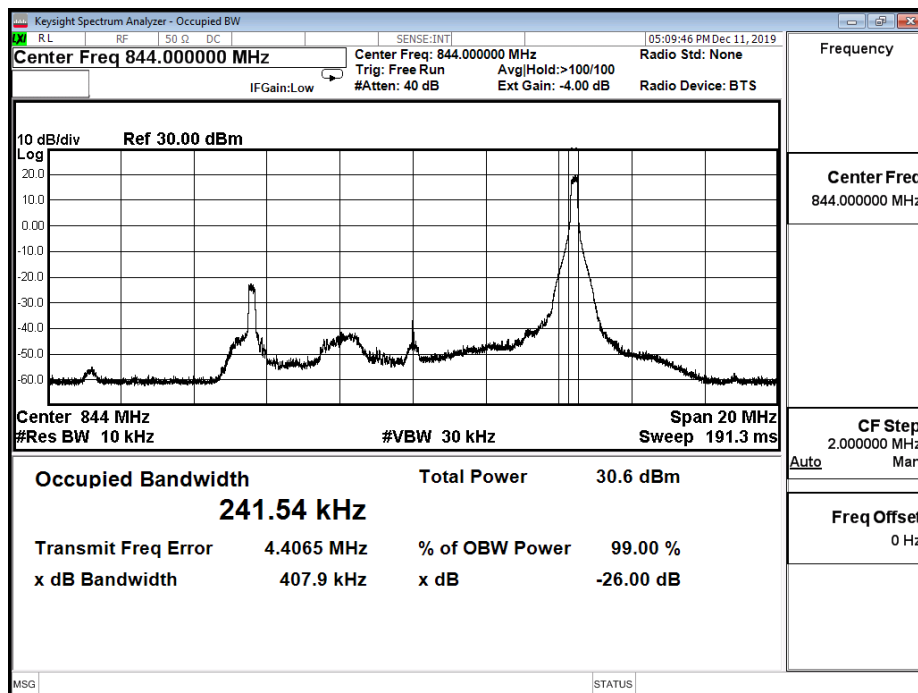
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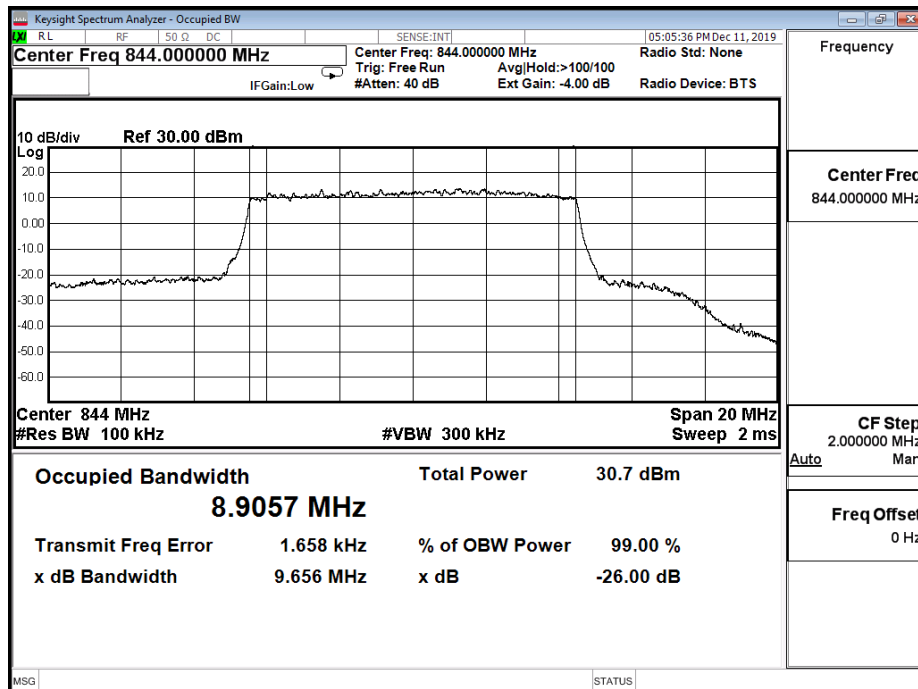
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B5_CH20600_10M_16-QAM_1RB49



B5_CH20600_10M_16-QAM_50RB0

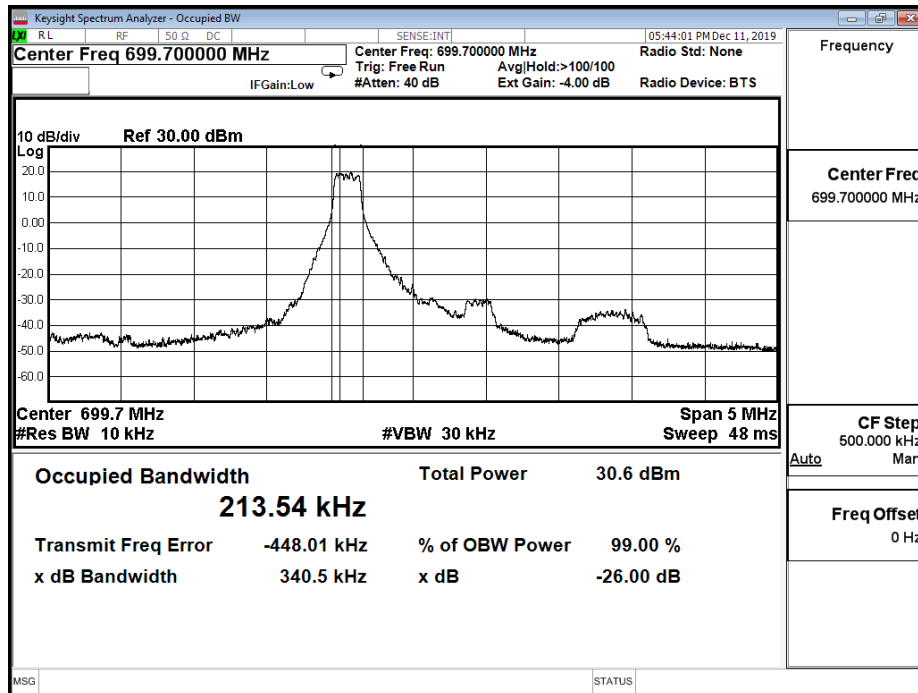


Product	Module		
Test Item	Occupied Bandwidth		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2019/12/11	Test Site	SR12-H
Temperature (°C)	24.0°C	Humidity (%RH)	59%RH

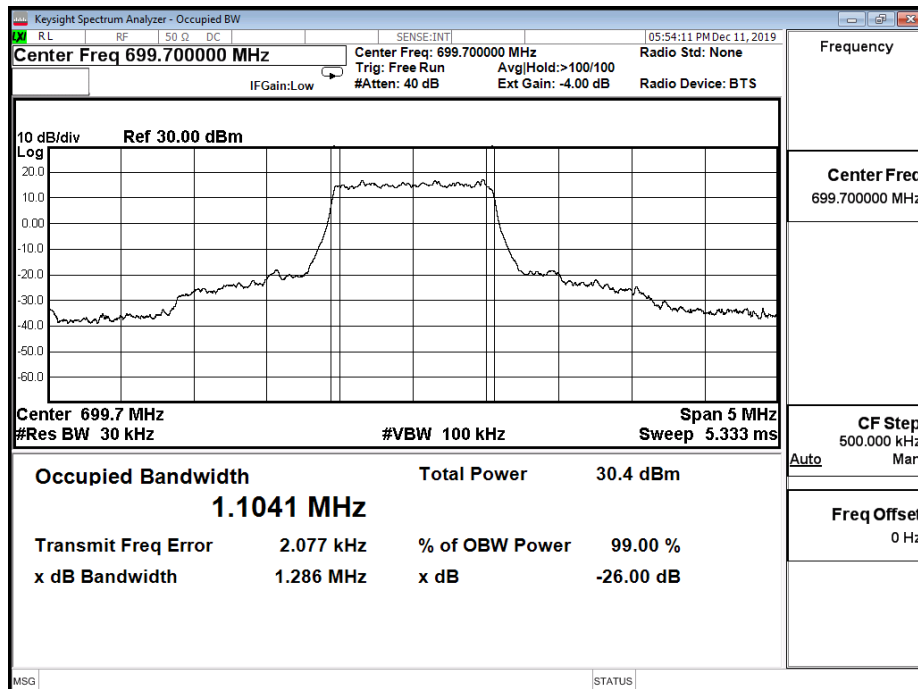
LTE Band 12_1RB Low/high					
Band width (MHz)	Modulation	Frequency (MHz)	Measure Level (MHz)		Limit (MHz)
			26dB BW	99% BW	
1.4M	QPSK	699.7	0.340	0.213	N/A
		707.5	0.332	0.211	N/A
		715.3	0.344	0.215	N/A
	16-QAM	699.7	0.351	0.219	N/A
		707.5	0.357	0.226	N/A
		715.3	0.337	0.215	N/A
3M	QPSK	700.5	0.328	0.213	N/A
		707.5	0.322	0.211	N/A
		714.5	0.330	0.210	N/A
	16-QAM	700.5	0.313	0.211	N/A
		707.5	0.320	0.213	N/A
		714.5	0.359	0.223	N/A
5M	QPSK	710.5	0.383	0.228	N/A
		707.5	0.400	0.236	N/A
		713.5	0.367	0.228	N/A
	16-QAM	710.5	0.386	0.234	N/A
		707.5	0.401	0.226	N/A
		713.5	0.374	0.229	N/A
10M	QPSK	704.0	0.378	0.244	N/A
		707.5	0.392	0.242	N/A
		711.0	0.385	0.246	N/A
	16-QAM	704.0	0.394	0.242	N/A
		707.5	0.364	0.232	N/A
		711.0	0.391	0.242	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	1.286	1.104	N/A
		707.5	1.310	1.095	N/A
		715.3	1.296	1.096	N/A
	16-QAM	699.7	1.297	1.097	N/A
		707.5	1.289	1.090	N/A
		715.3	1.308	1.100	N/A
3M	QPSK	700.5	2.923	2.687	N/A
		707.5	2.930	2.682	N/A
		714.5	2.920	2.684	N/A
	16-QAM	700.5	2.948	2.685	N/A
		707.5	2.925	2.680	N/A
		714.5	2.935	2.678	N/A
5M	QPSK	710.5	4.911	4.479	N/A
		707.5	4.912	4.467	N/A
		713.5	4.865	4.463	N/A
	16-QAM	710.5	4.891	4.464	N/A
		707.5	4.921	4.476	N/A
		713.5	4.891	4.468	N/A
10M	QPSK	704.0	9.551	8.852	N/A
		707.5	9.593	8.921	N/A
		711.0	9.758	8.943	N/A
	16-QAM	704.0	9.494	8.843	N/A
		707.5	9.695	8.925	N/A
		711.0	9.789	8.959	N/A

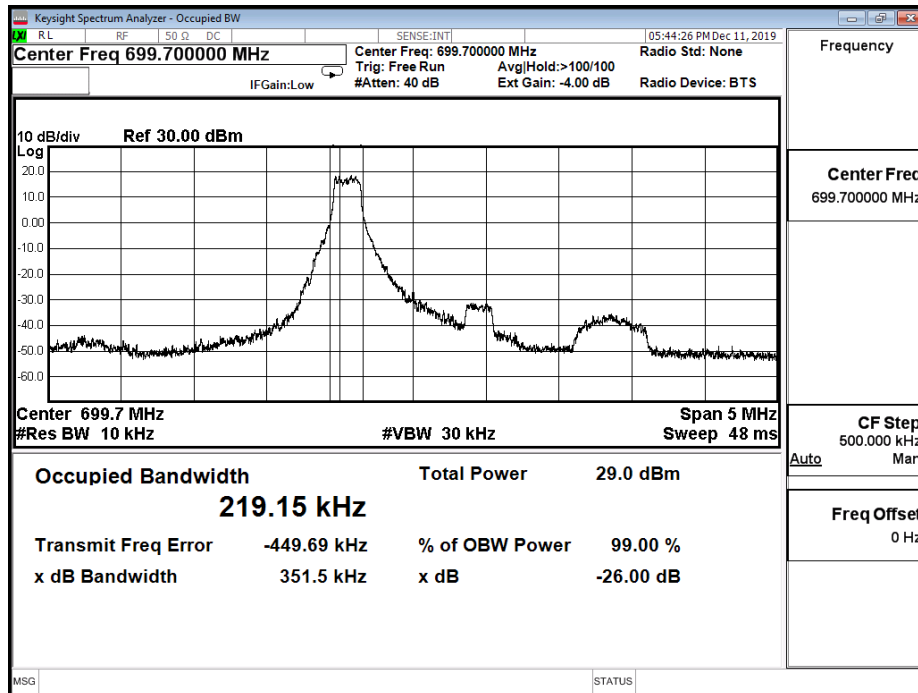
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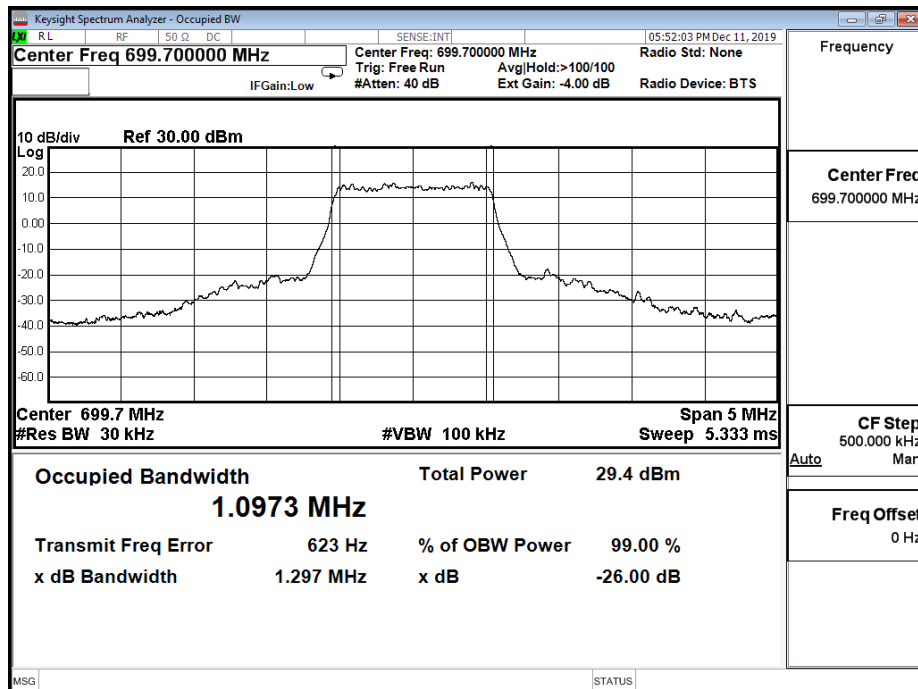
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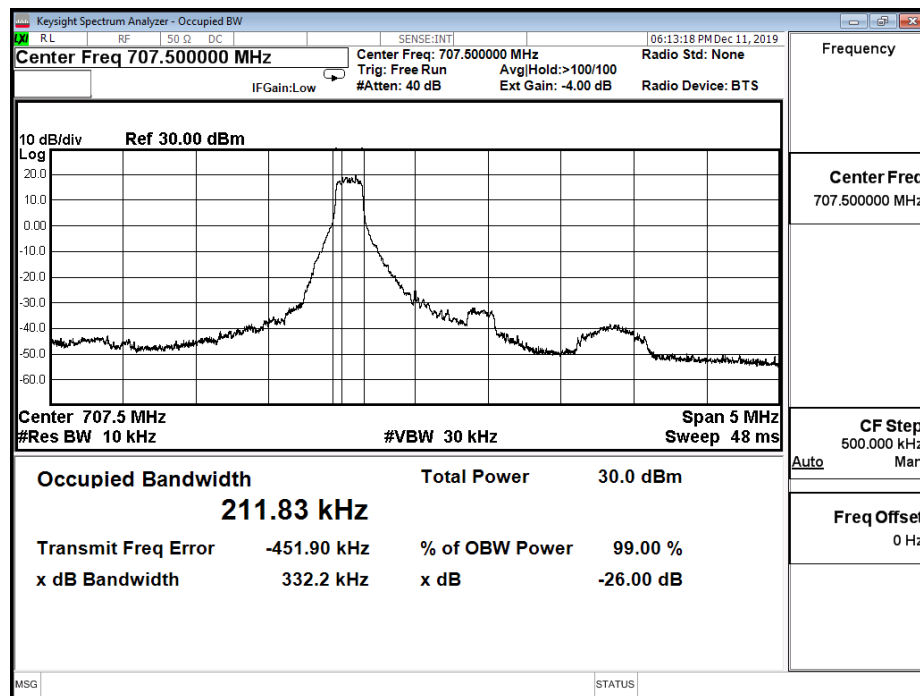
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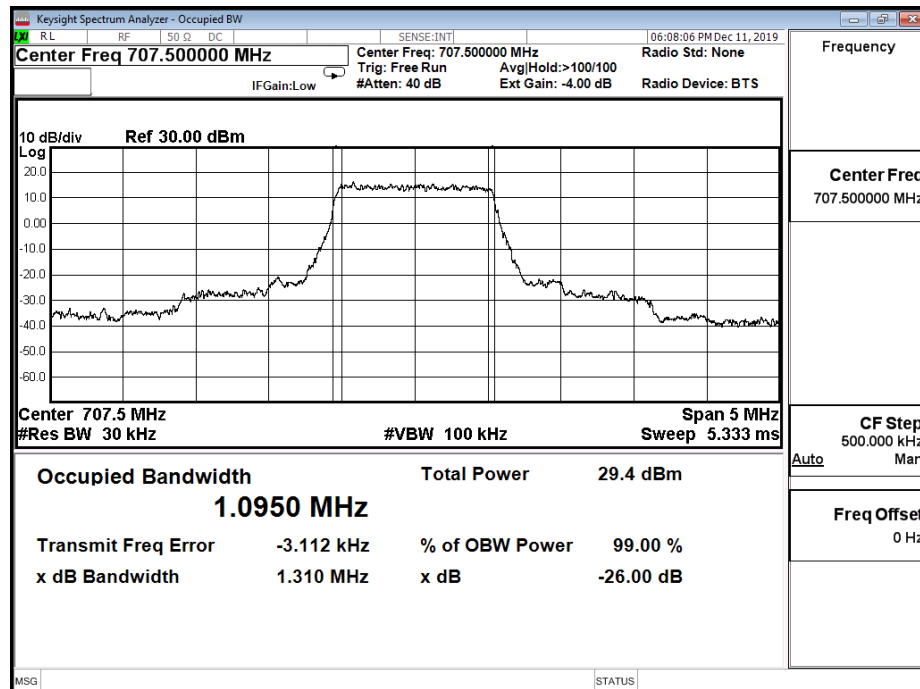
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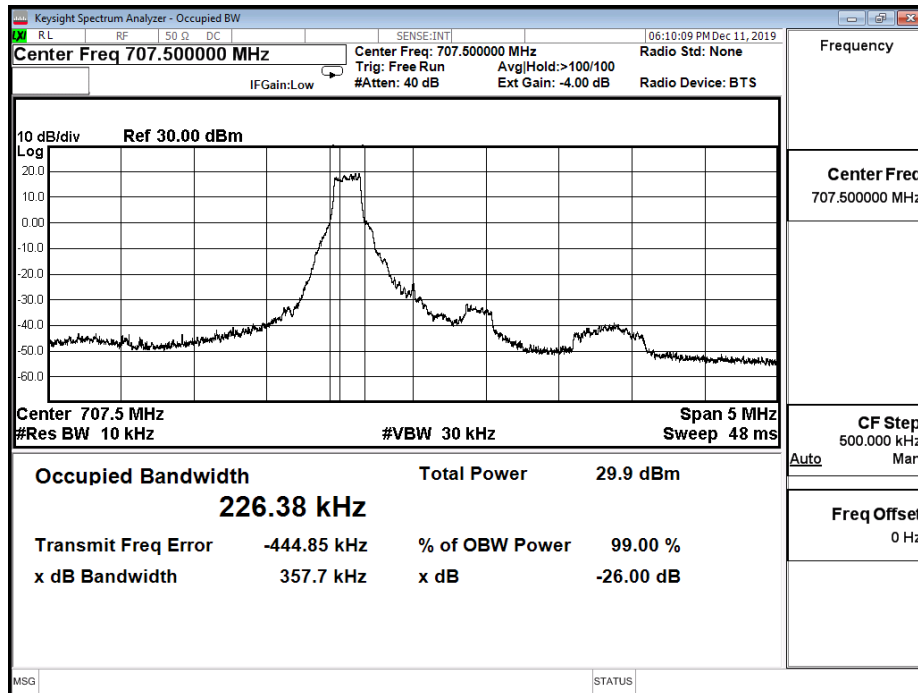
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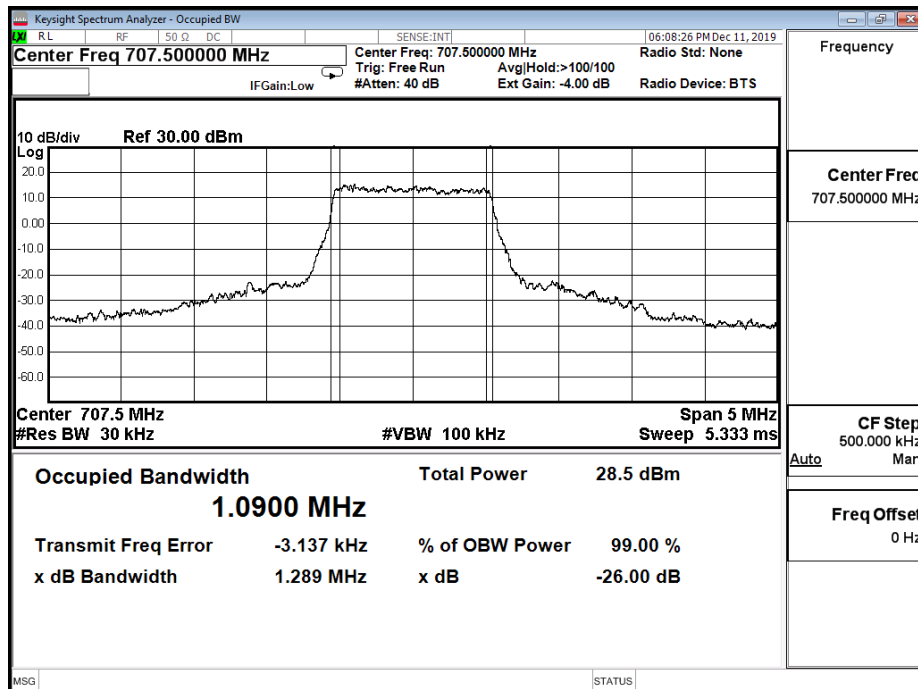
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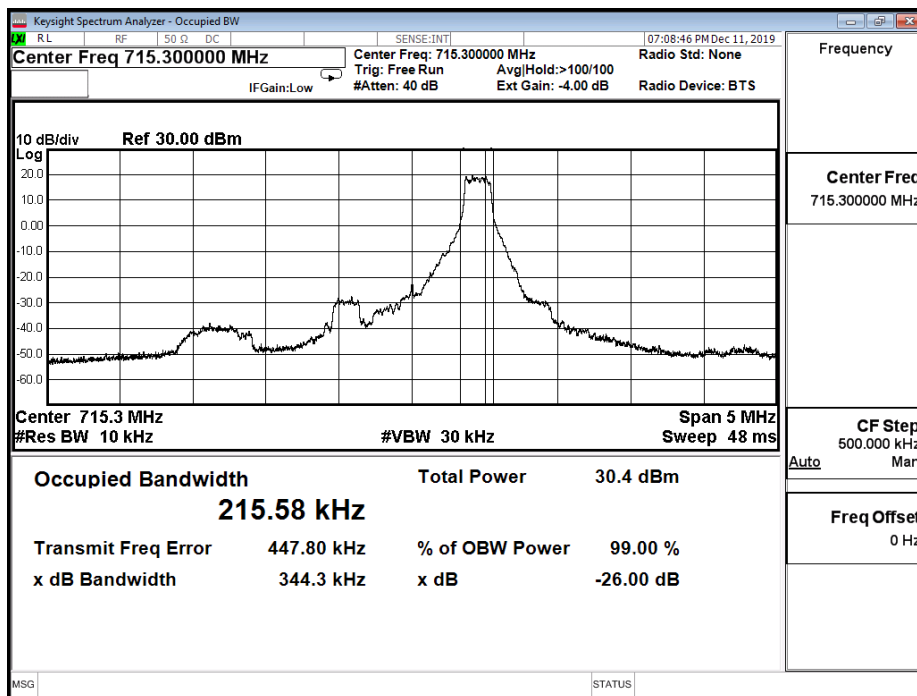
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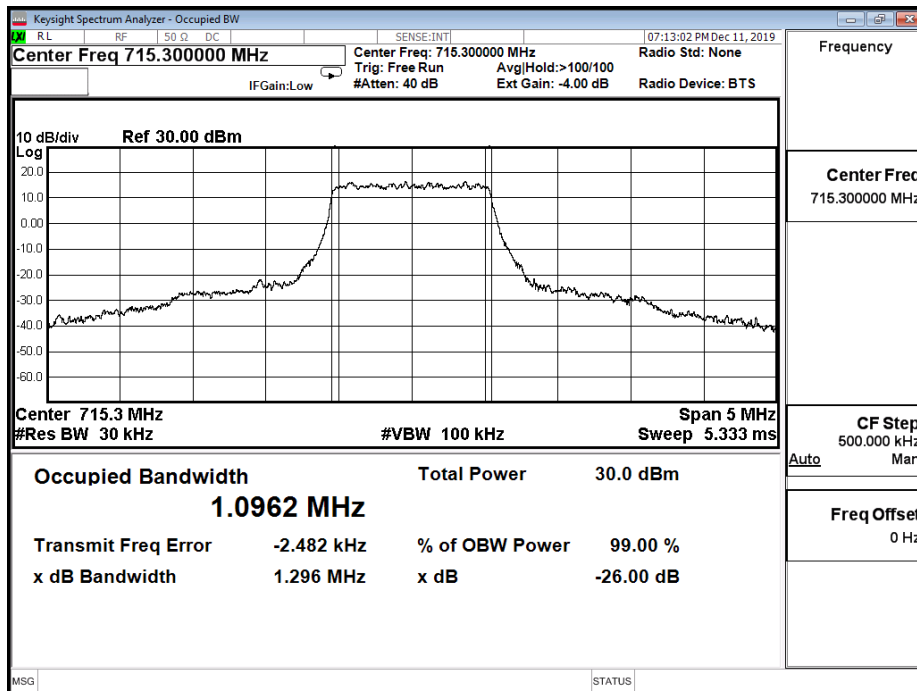
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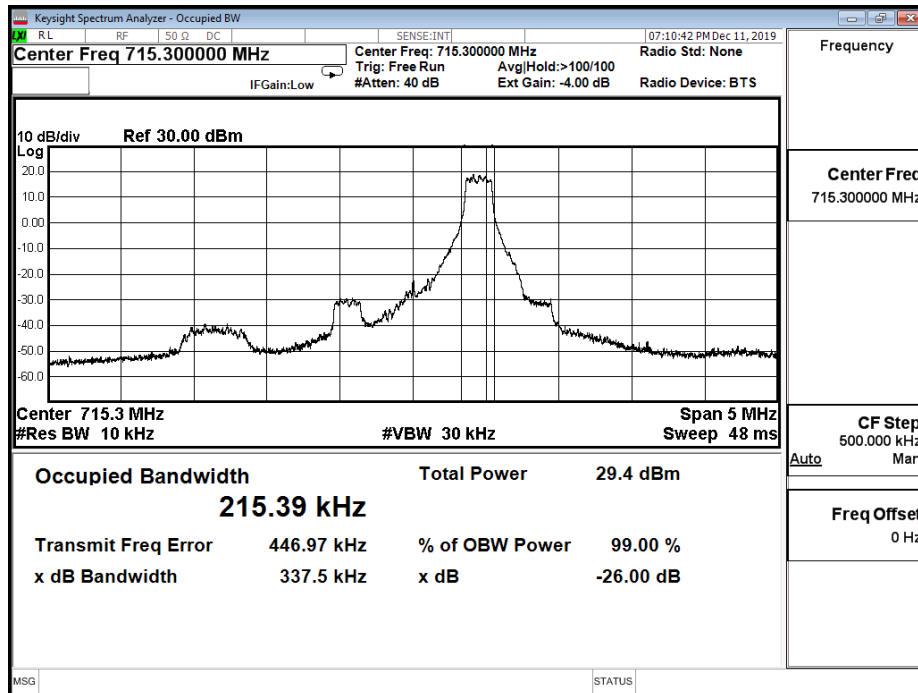
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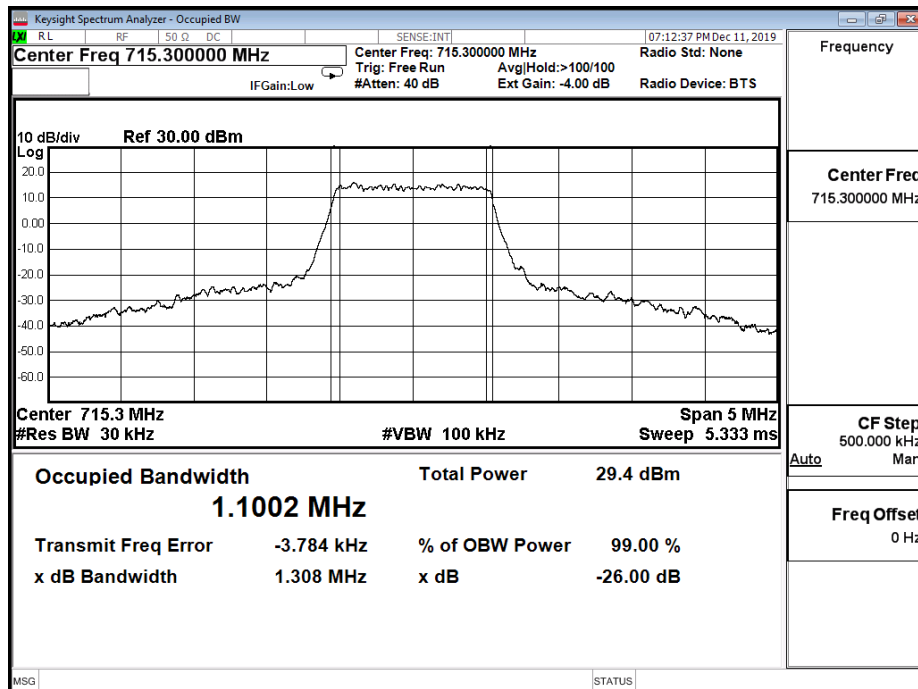
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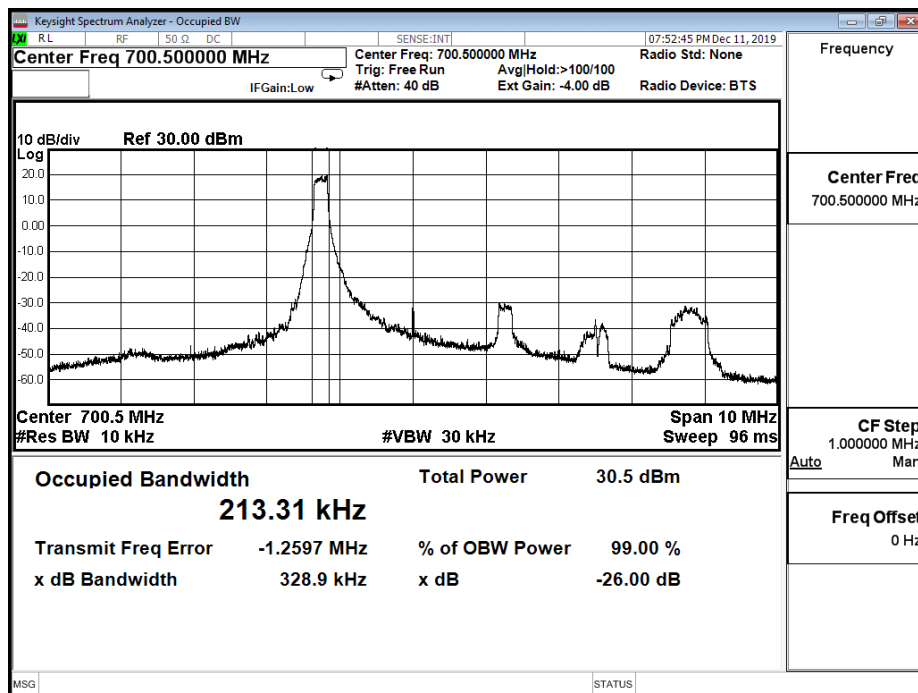
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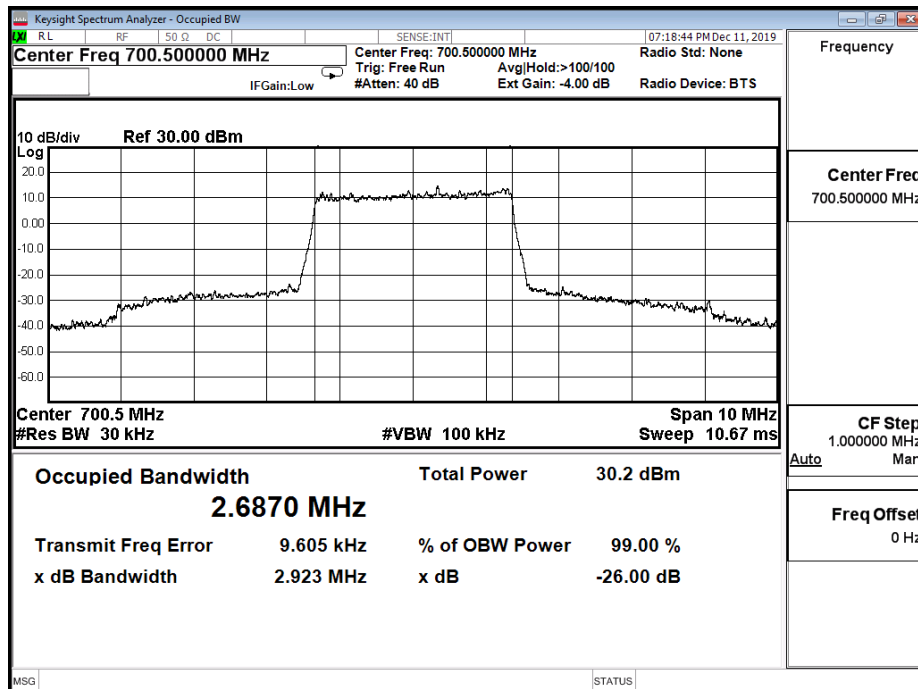
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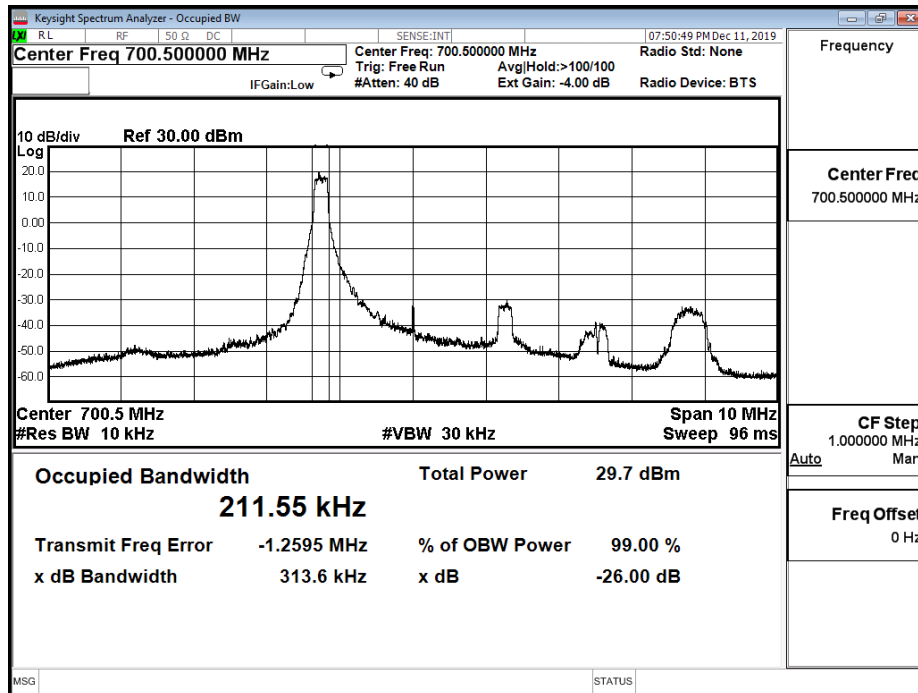
B12_CH23025_3M_QPSK_1RB0



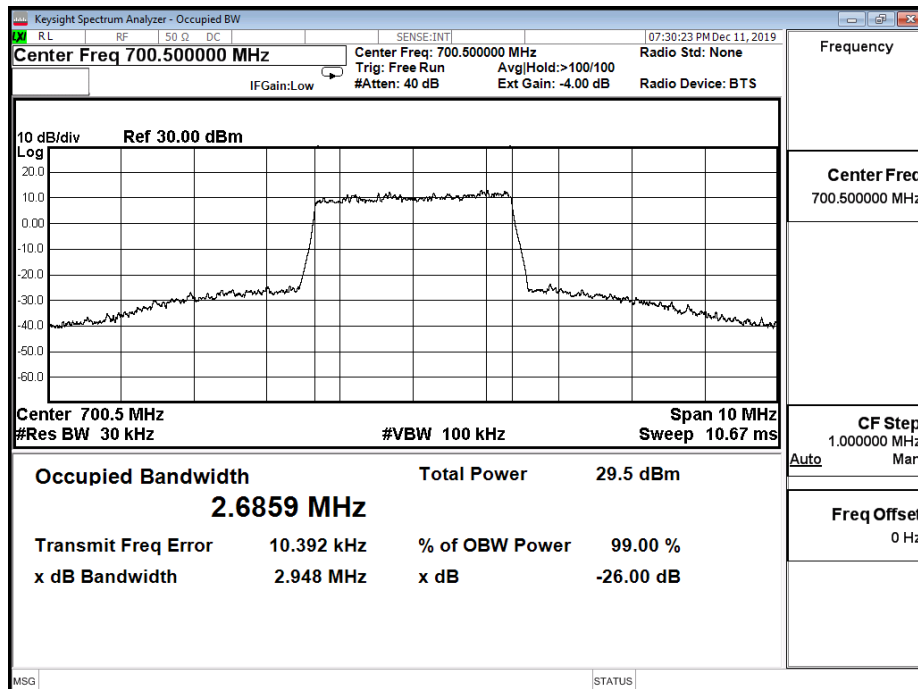
B12_CH23025_3M_QPSK_15RB0



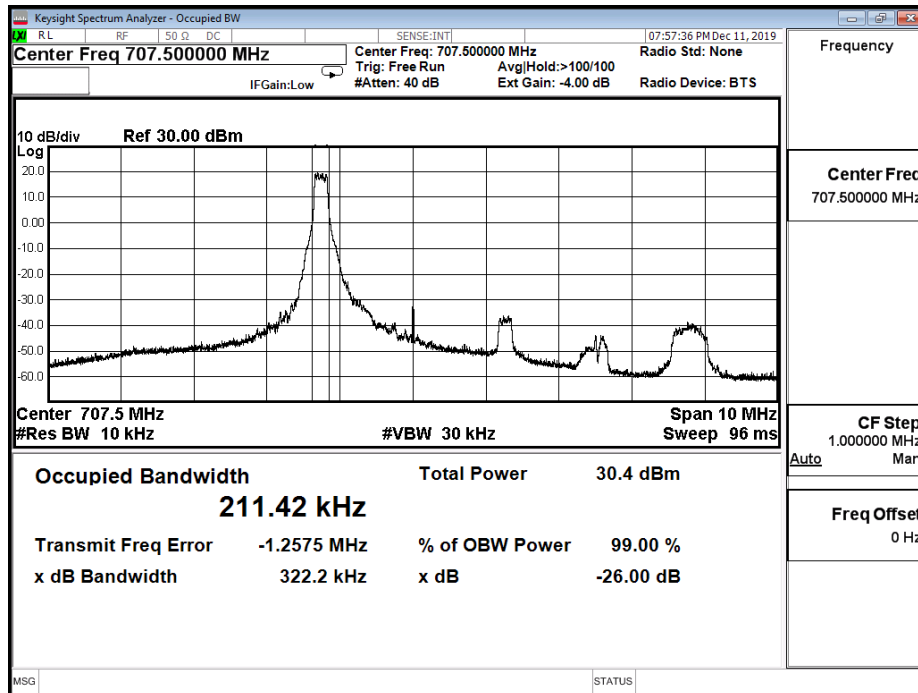
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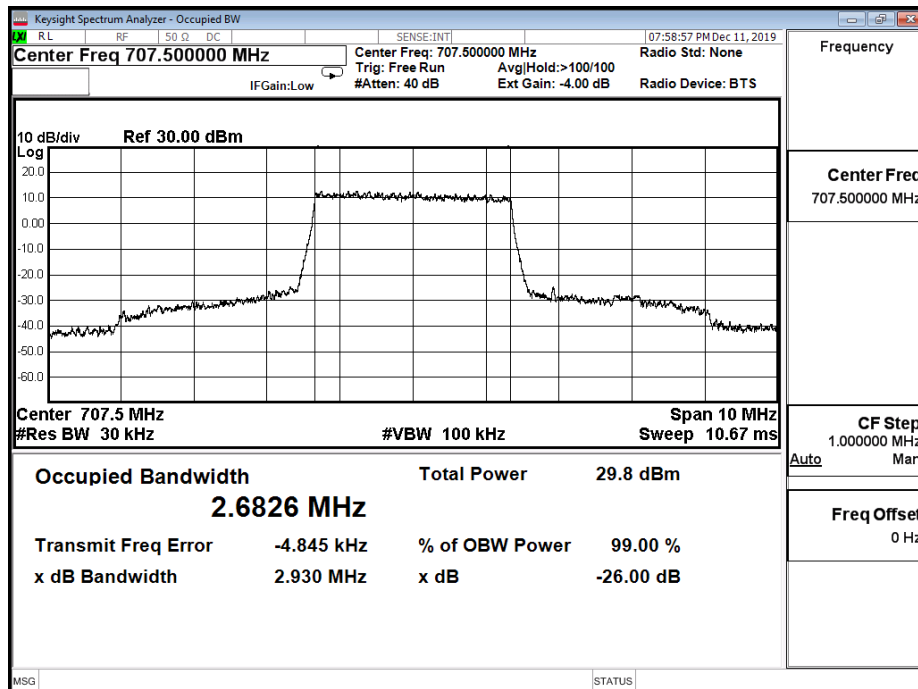
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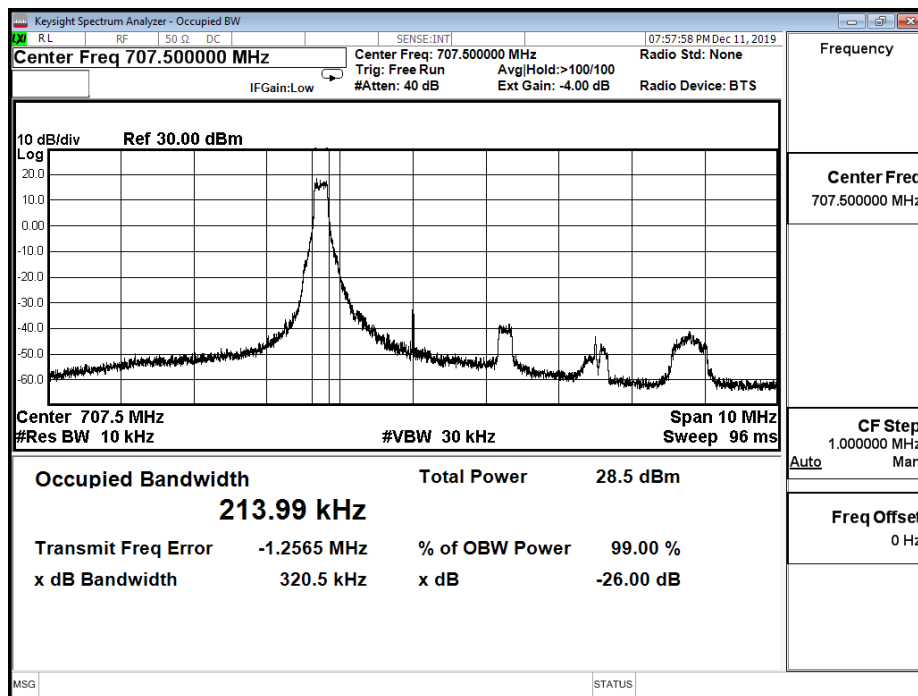
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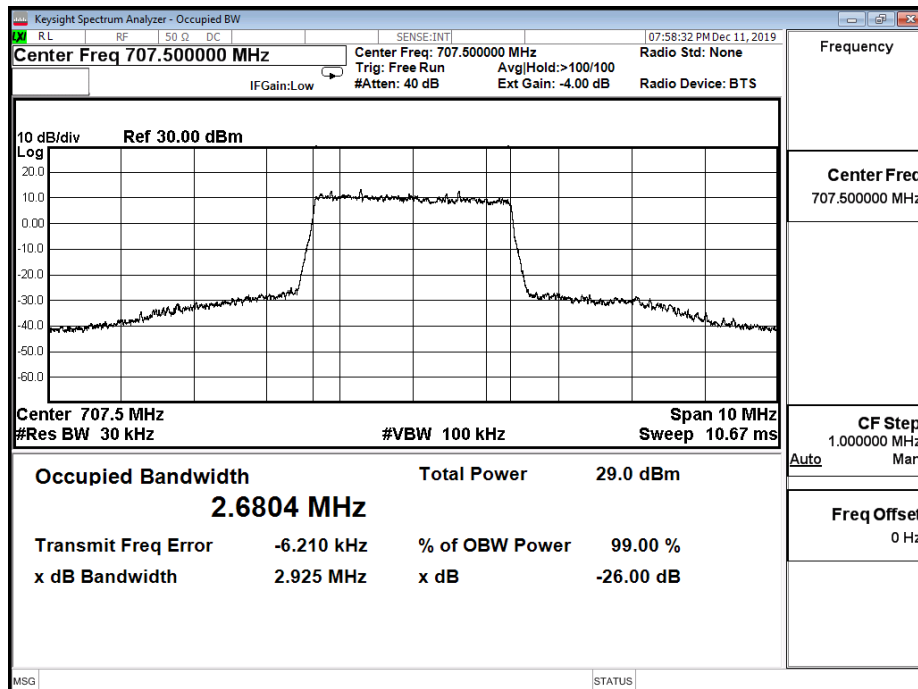
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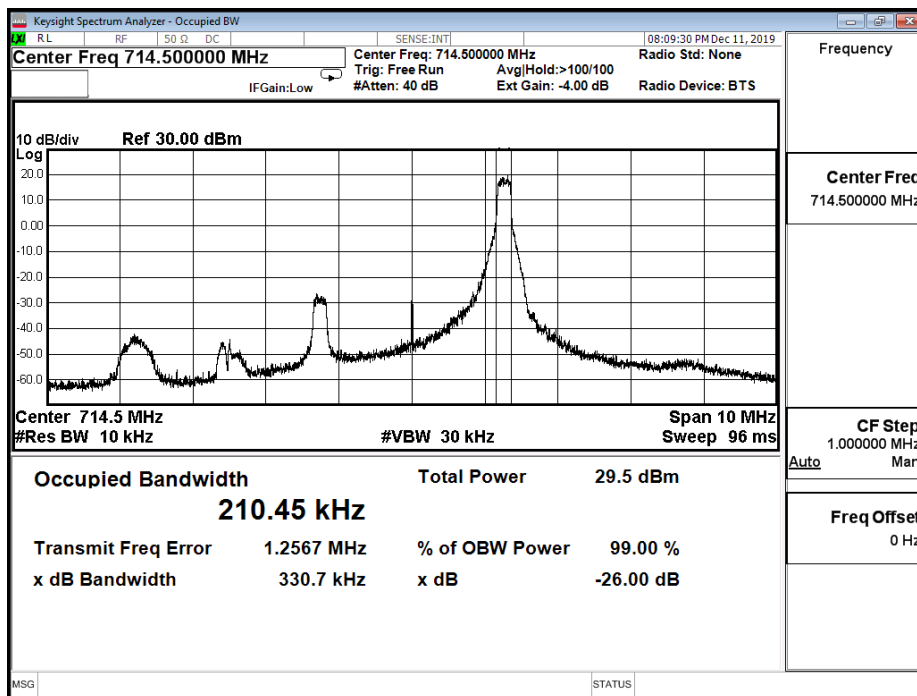
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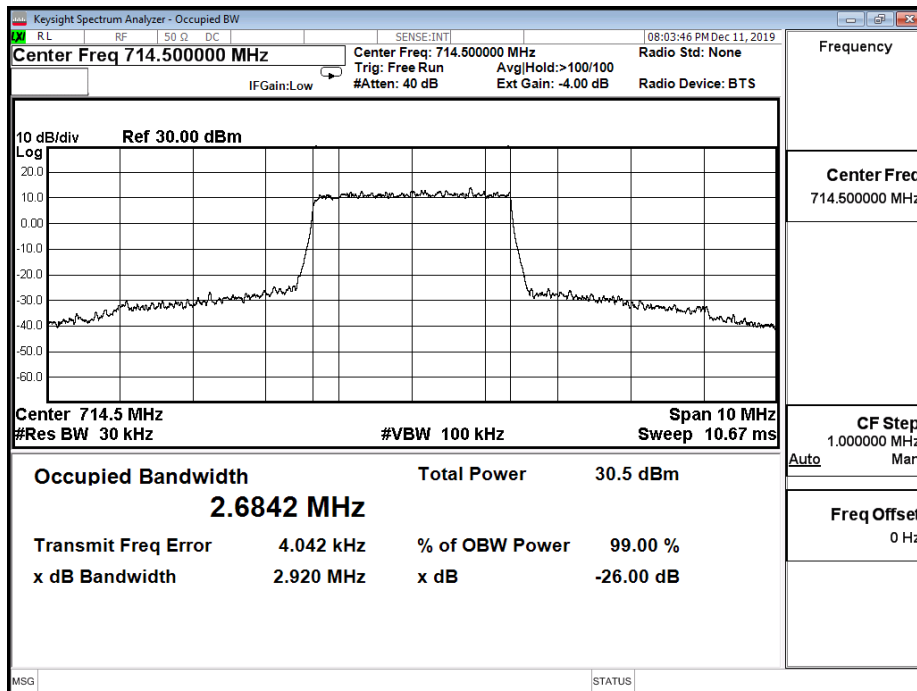
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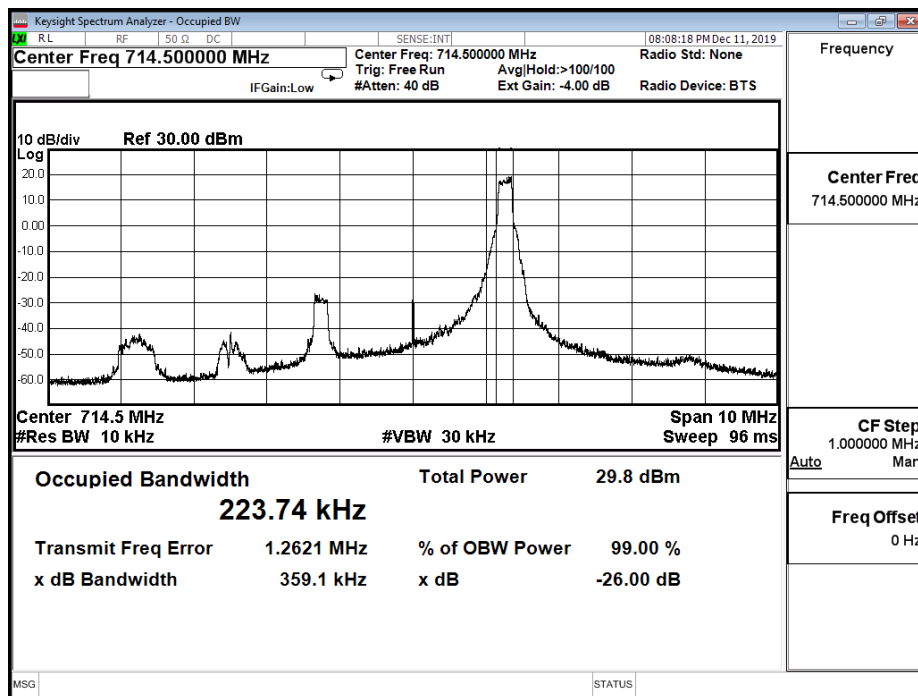
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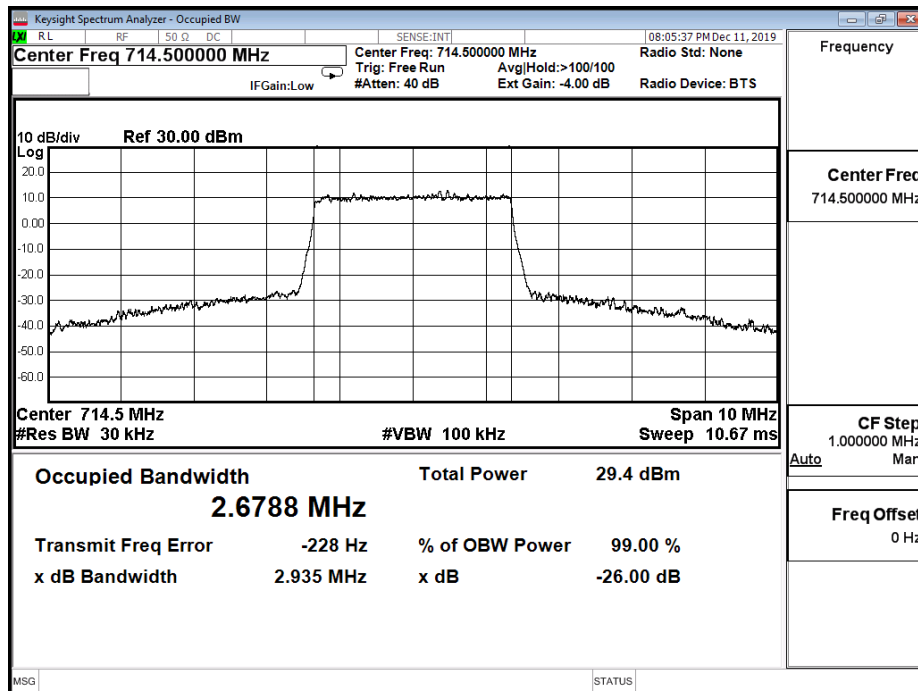
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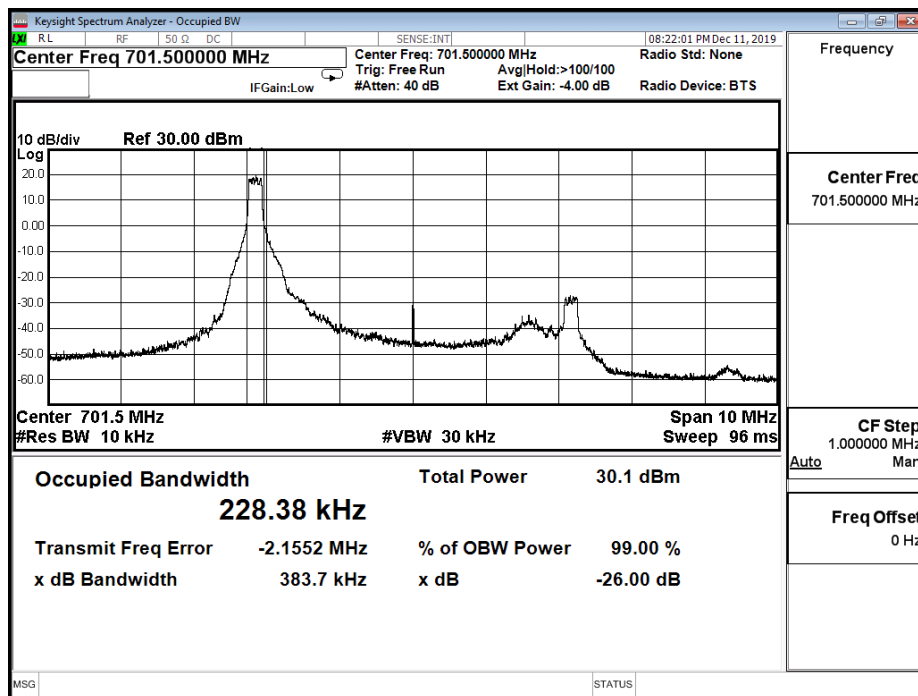
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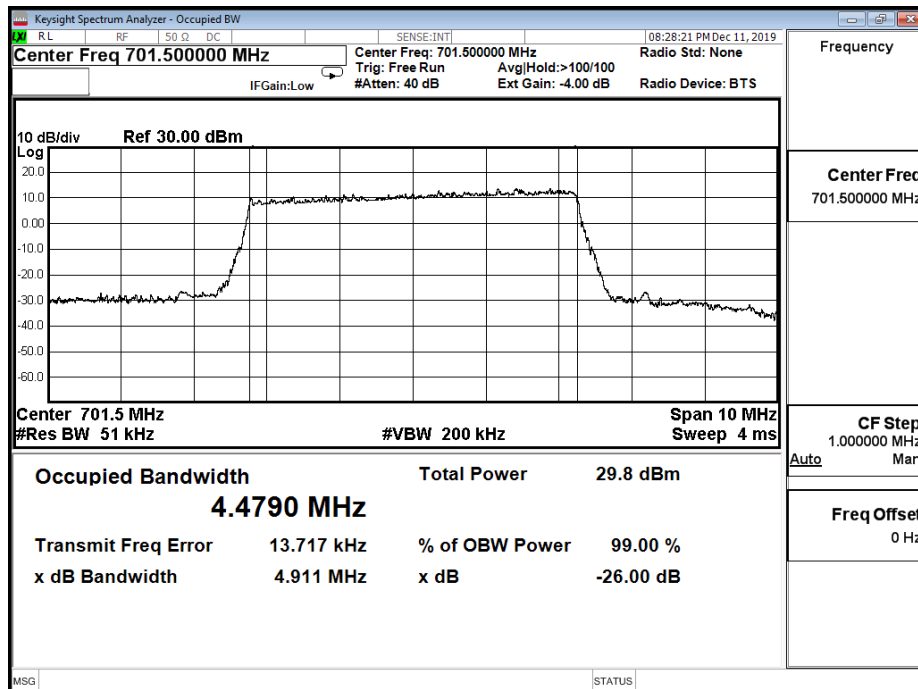
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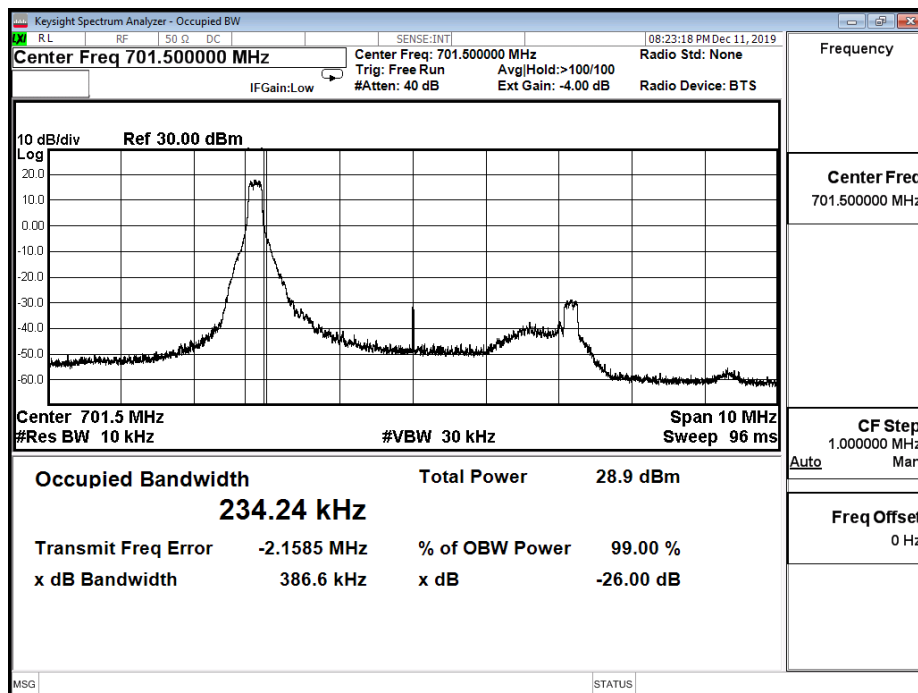
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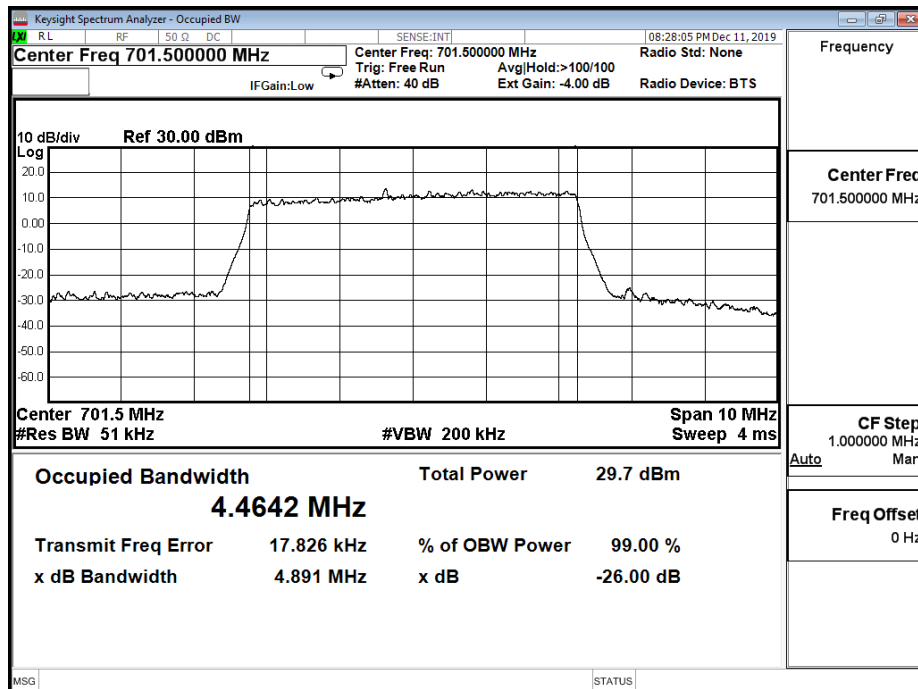
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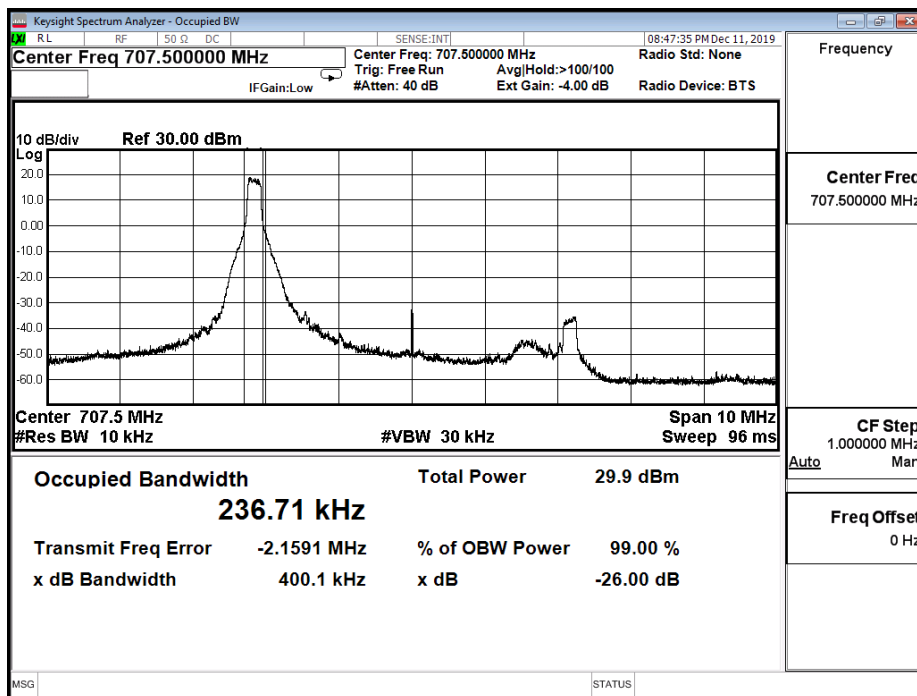
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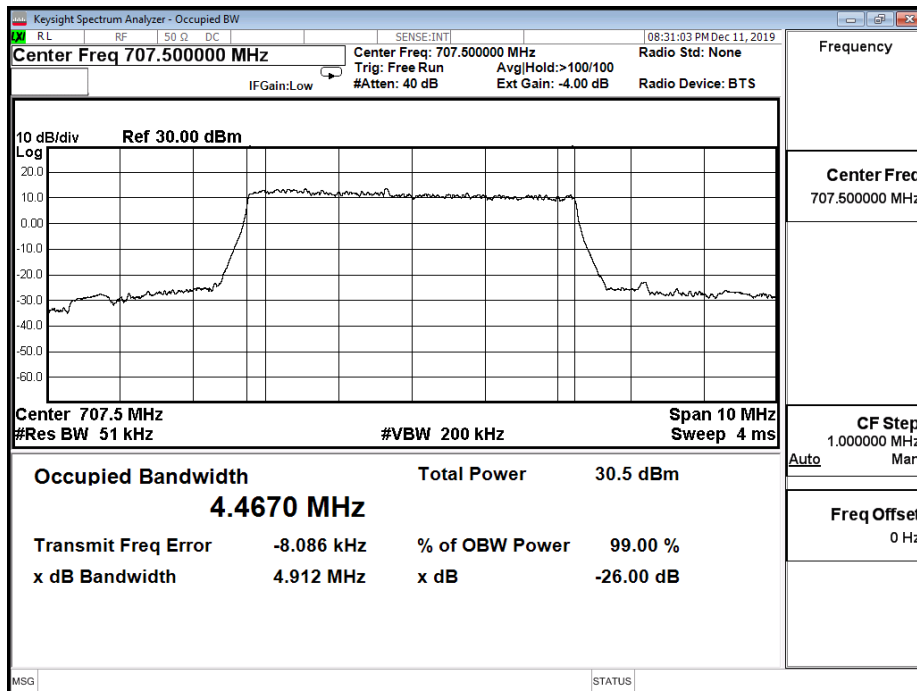
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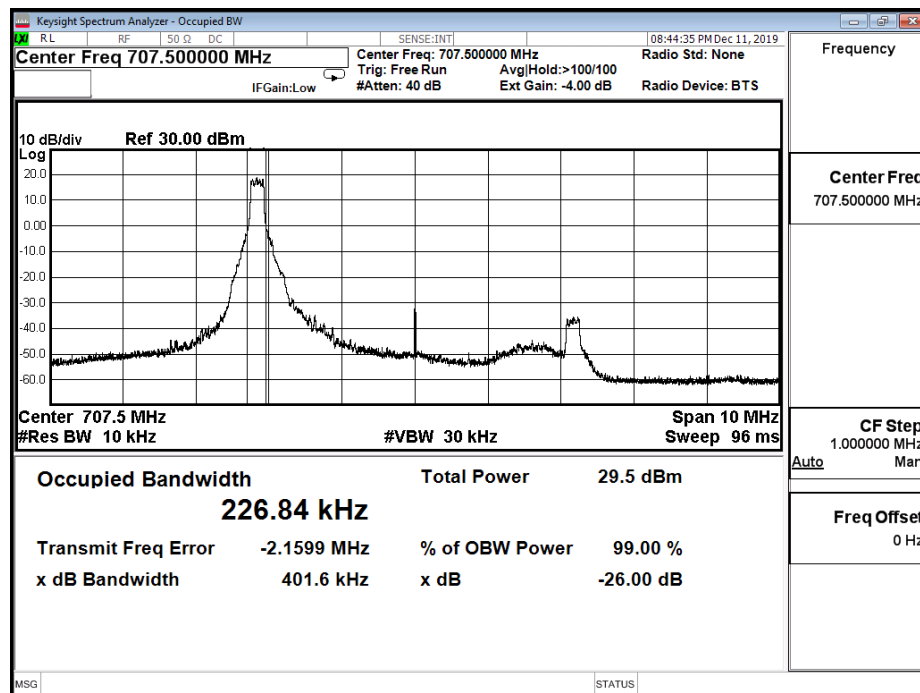
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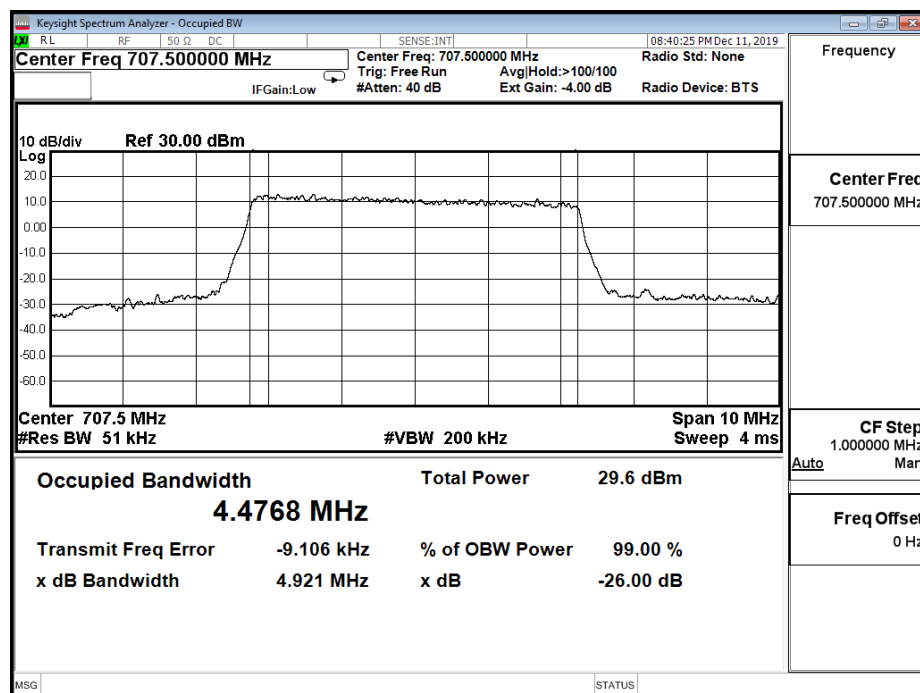
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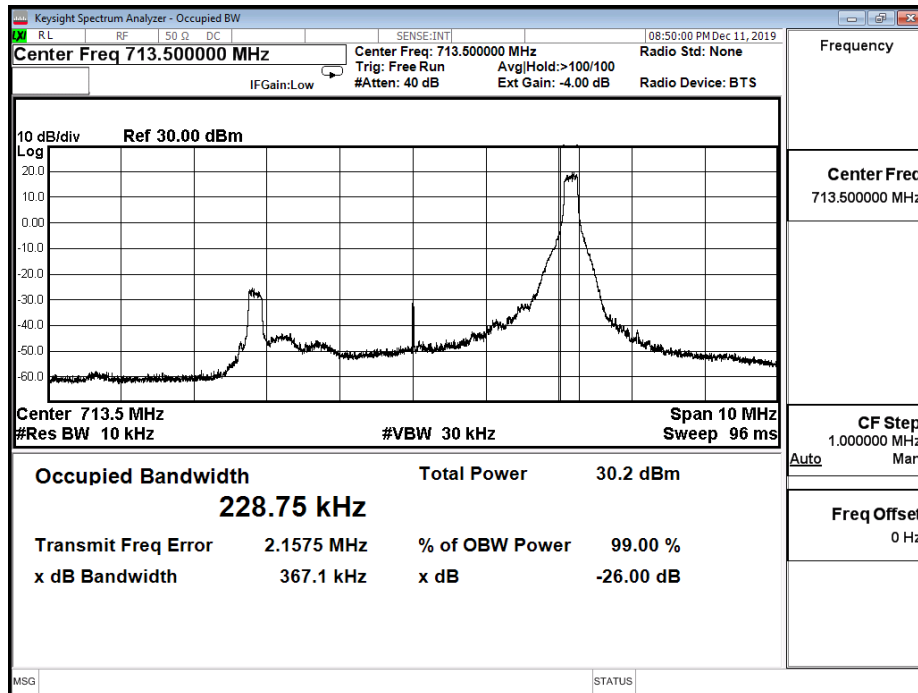
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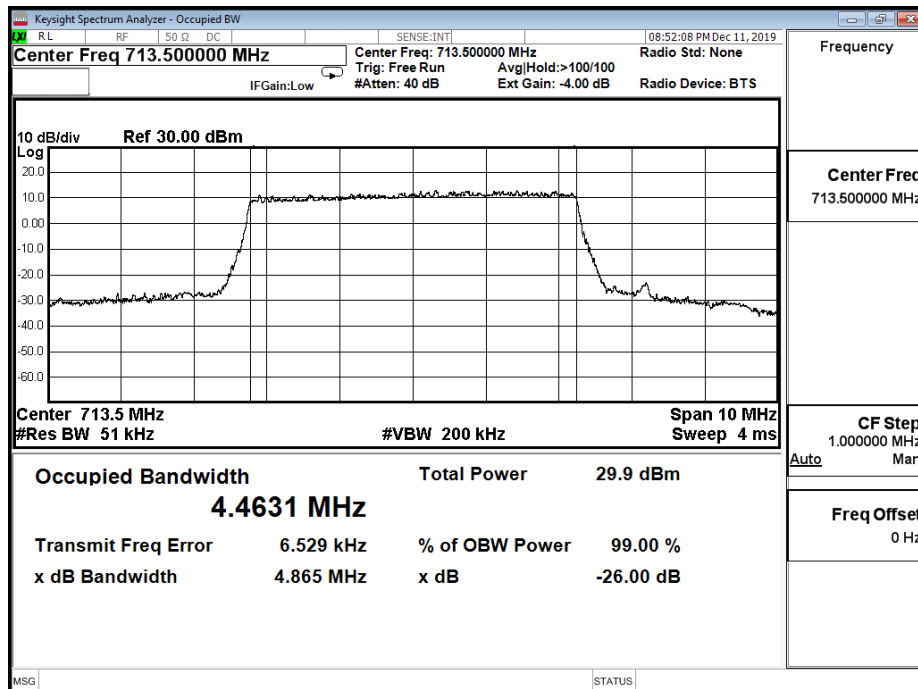
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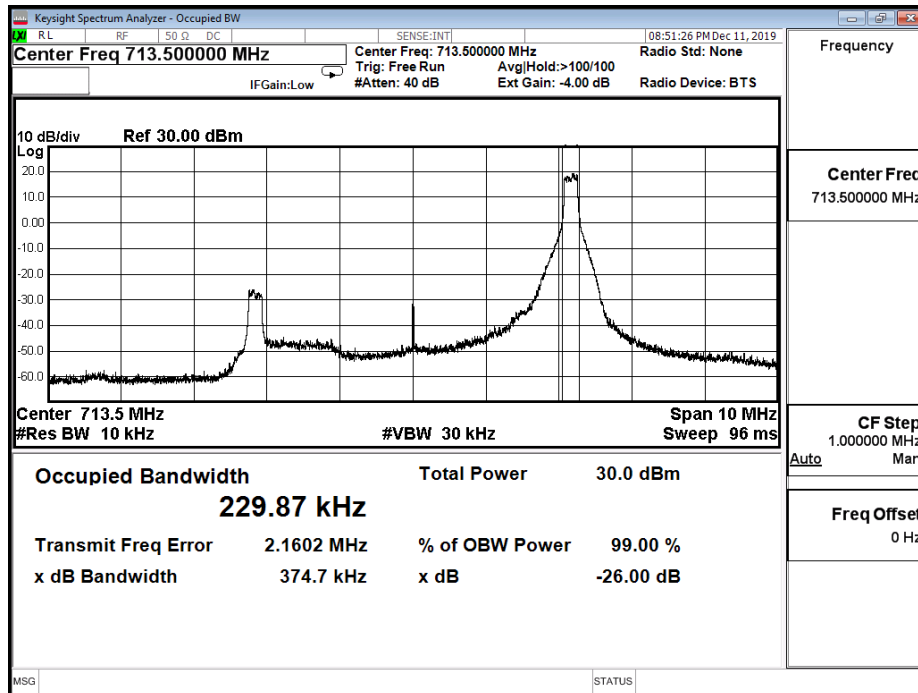
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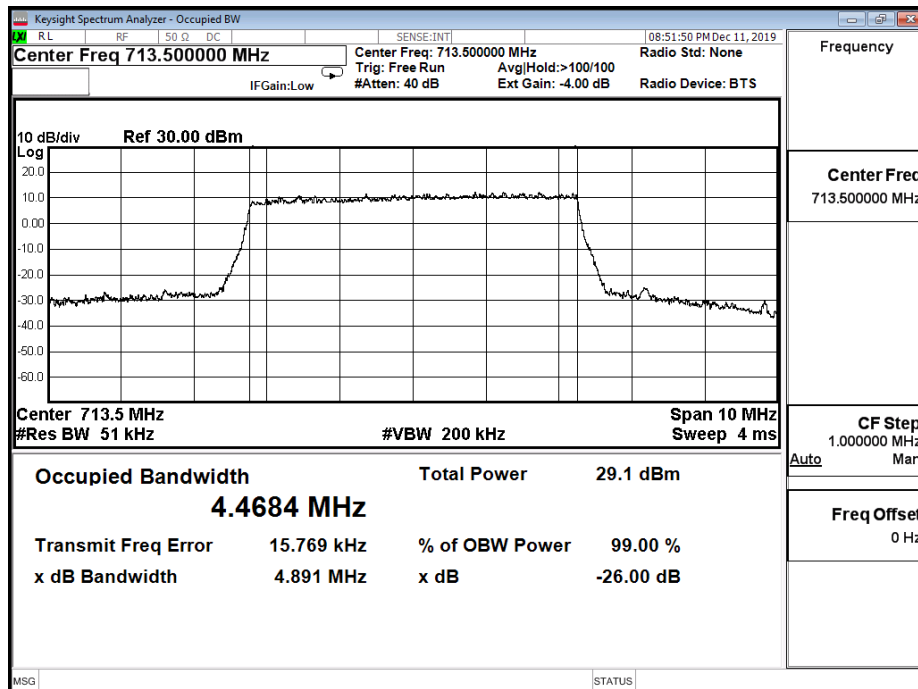
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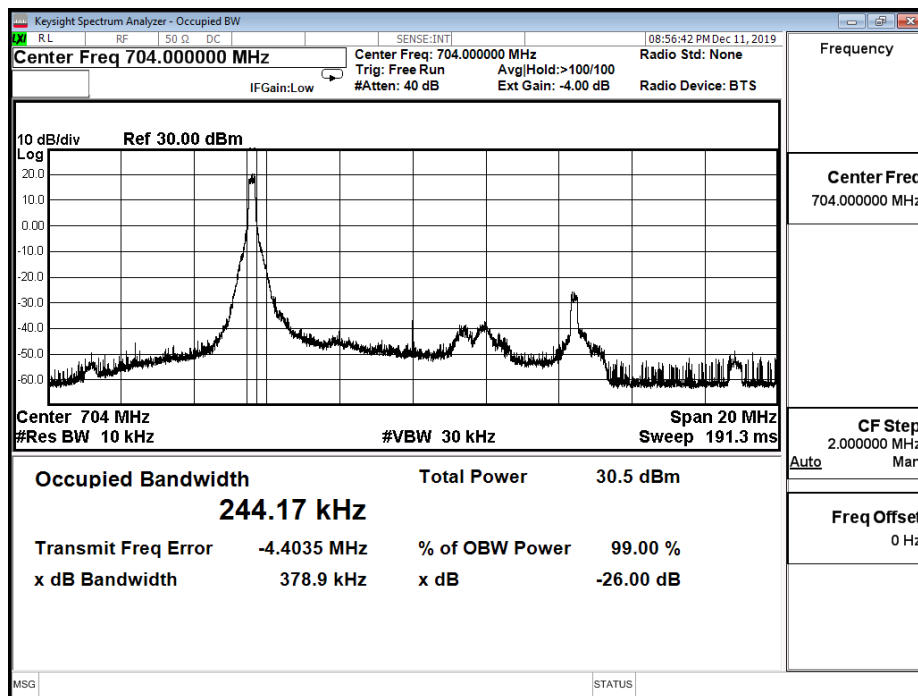
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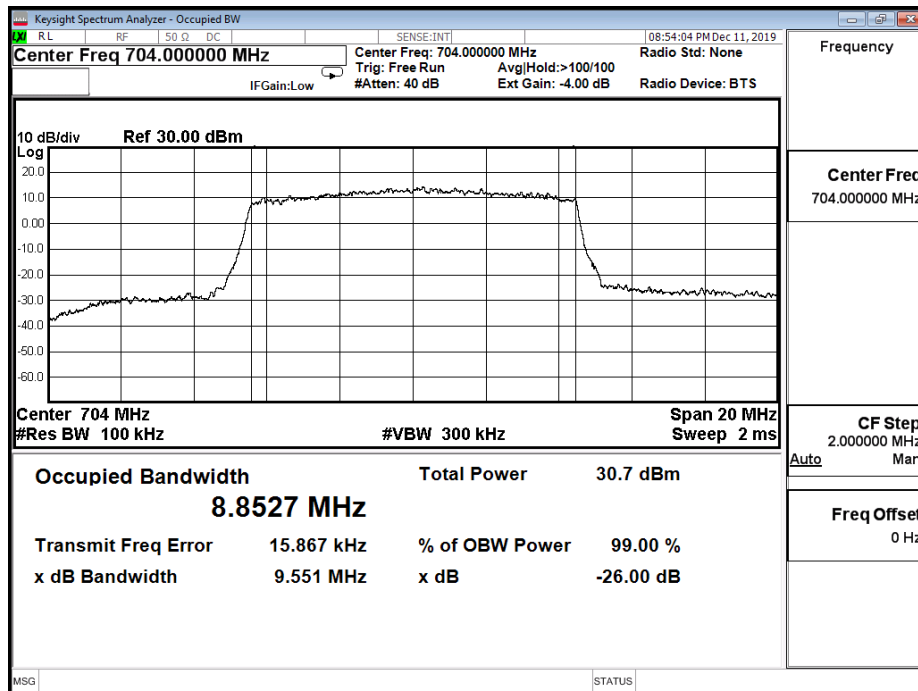
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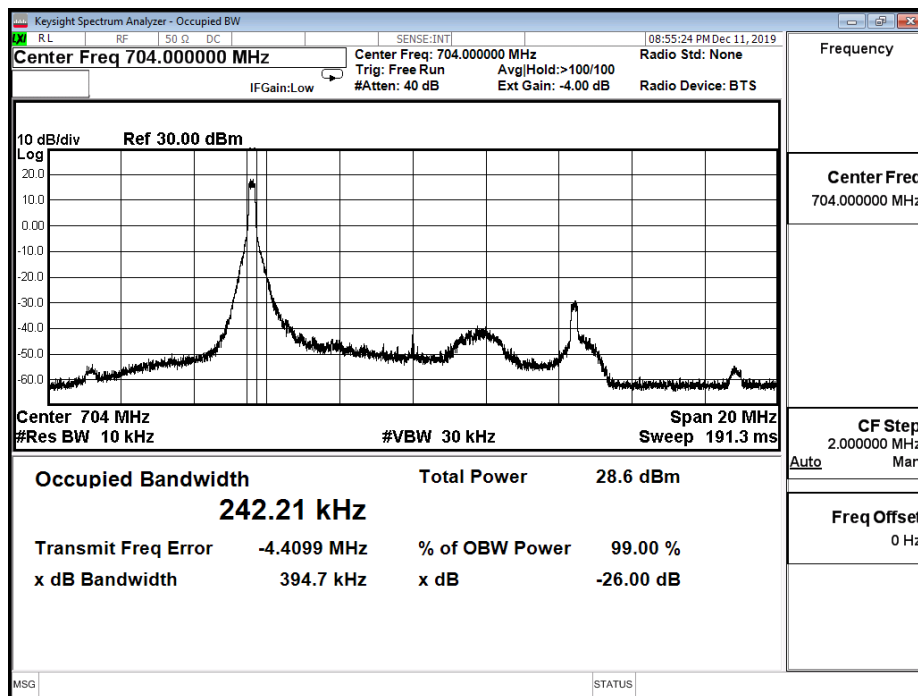
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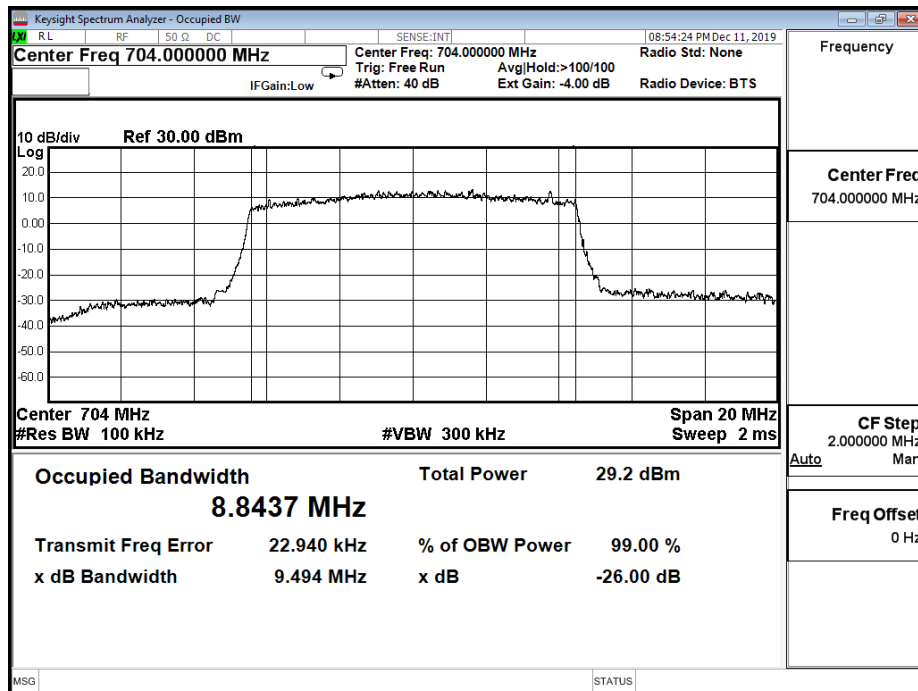
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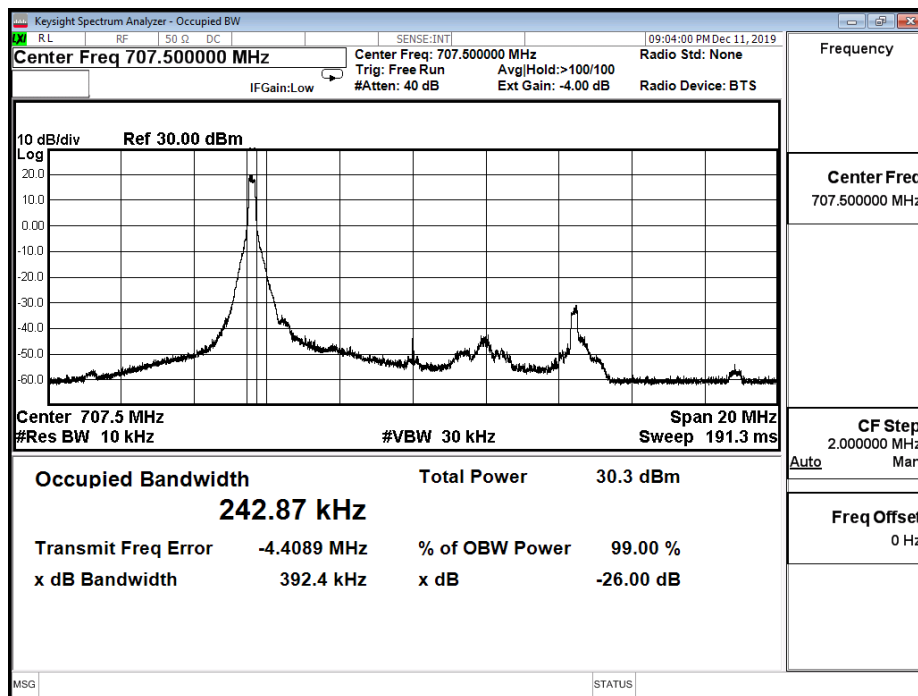
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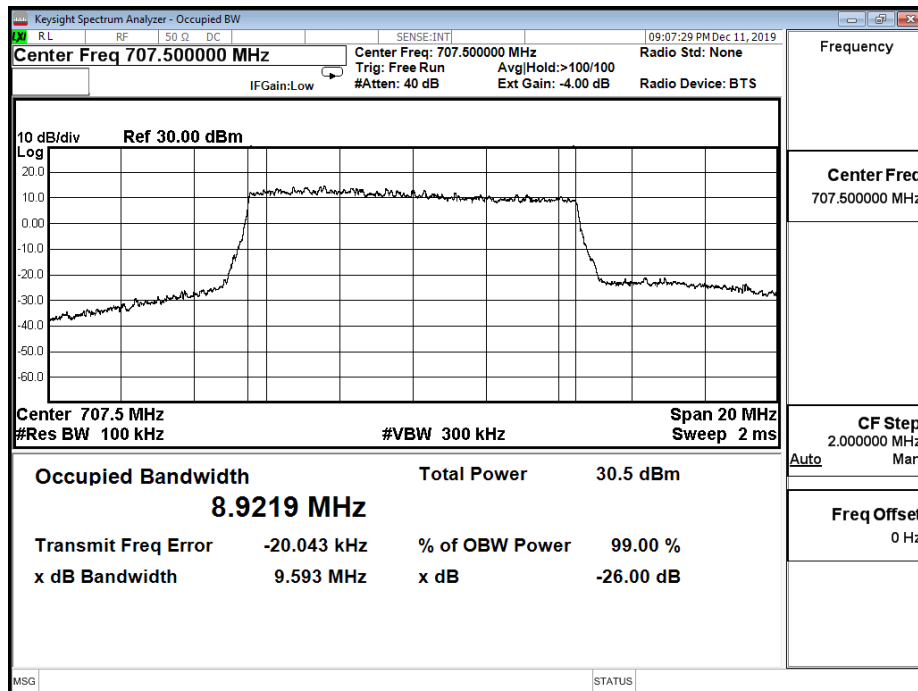
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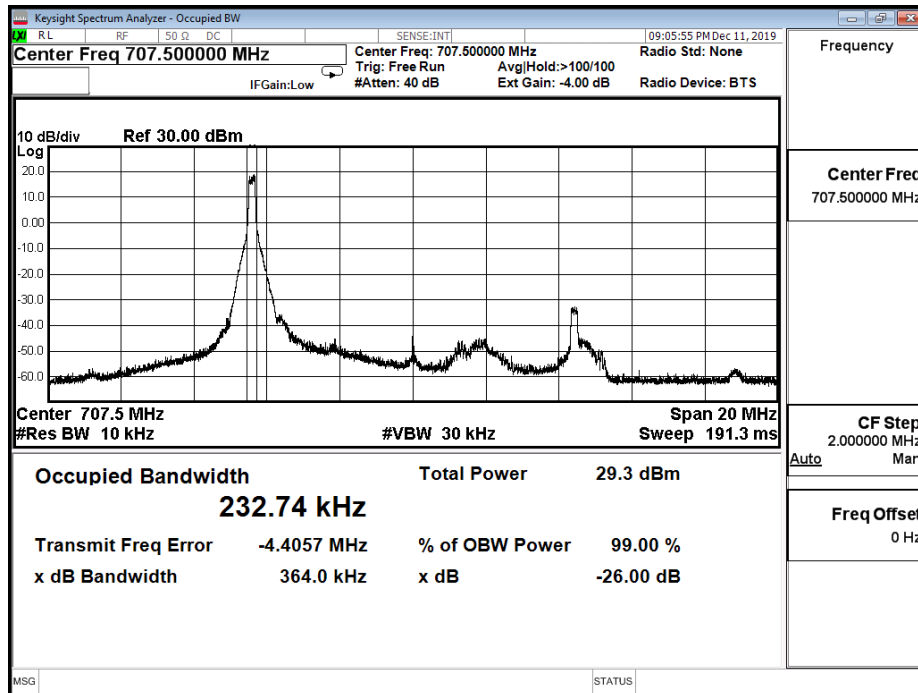
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B12_CH23095_10M_QPSK_50RB0



B12_CH23095_10M_16-QAM_1RB0



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