



**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

QPSK	FULL	0	28.125	28.157	28.075	/	Pass
16QAM	FULL	0	28.104	28.069	28.127	/	Pass
64QAM	FULL	0	28.074	28.105	28.129	/	Pass
Band: 7C / Bandwidth: 20MHz+15MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	32.782	32.941	32.811	/	Pass
16QAM	FULL	0	32.806	32.974	32.842	/	Pass
64QAM	FULL	0	32.818	32.967	32.793	/	Pass
Band: 7C / Bandwidth: 20MHz+20MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	37.700	37.629	37.697	/	Pass
16QAM	FULL	0	37.696	37.567	37.702	/	Pass
64QAM	FULL	0	37.720	37.545	37.650	/	Pass

LTE Band7C_26DB
Test Result

Band: 7C / Bandwidth: 10MHz+20MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	30.06	29.94	30.02	/	Pass
16QAM	FULL	0	30.05	29.95	30.03	/	Pass
64QAM	FULL	0	29.99	29.97	30.02	/	Pass
Band: 7C / Bandwidth: 15MHz+10MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	25.53	25.55	25.53	/	Pass
16QAM	FULL	0	25.64	25.54	25.52	/	Pass
64QAM	FULL	0	25.58	25.55	25.48	/	Pass
Band: 7C / Bandwidth: 15MHz+15MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict



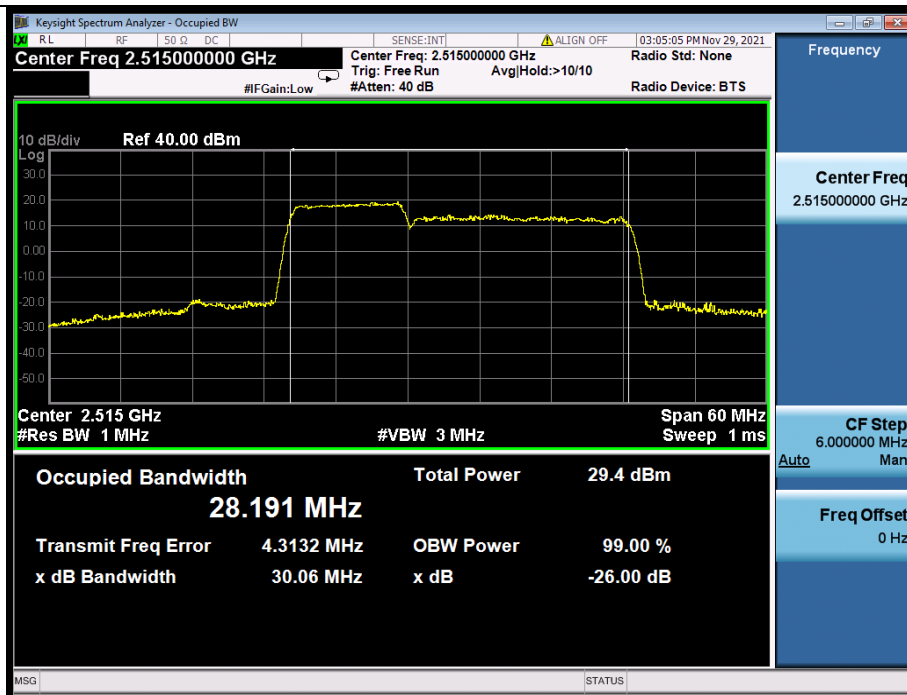
**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF16

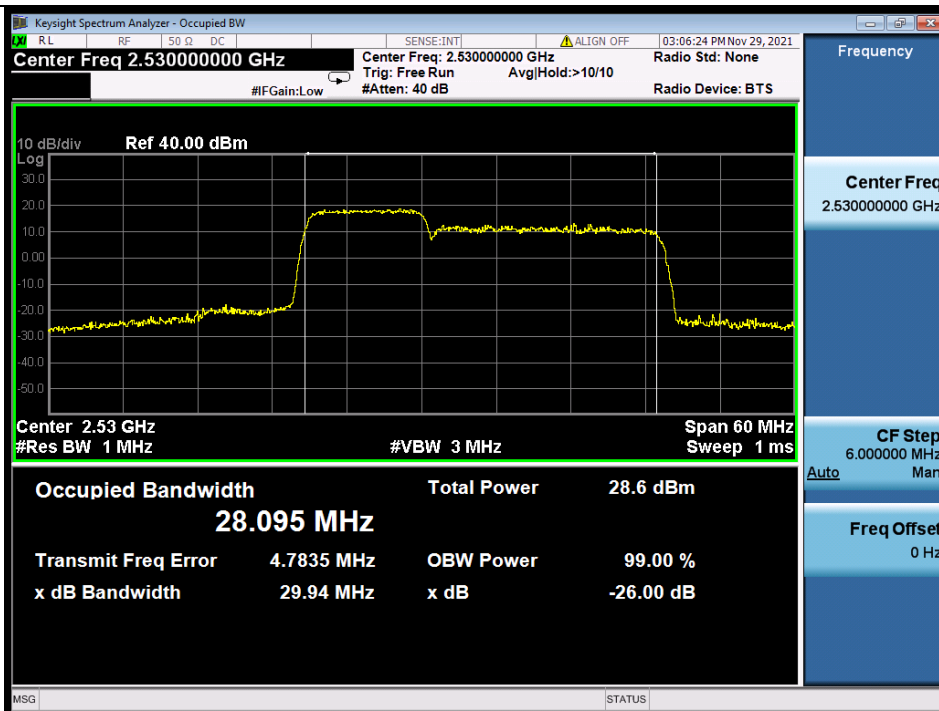
	Size	Offset	LCH	MCH	HCH	(MHz)	
QPSK	FULL	0	30.67	30.70	30.76	/	Pass
16QAM	FULL	0	30.59	30.65	30.69	/	Pass
64QAM	FULL	0	30.58	30.71	30.70	/	Pass
Band: 7C / Bandwidth: 15MHz+20MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	35.00	34.99	35.03	/	Pass
16QAM	FULL	0	34.95	35.04	35.03	/	Pass
64QAM	FULL	0	34.91	35.07	34.93	/	Pass
Band: 7C / Bandwidth: 20MHz+10MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	30.16	30.22	30.21	/	Pass
16QAM	FULL	0	30.15	30.04	30.16	/	Pass
64QAM	FULL	0	30.13	30.08	30.19	/	Pass
Band: 7C / Bandwidth: 20MHz+15MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	34.98	35.14	34.94	/	Pass
16QAM	FULL	0	35.00	34.99	35.01	/	Pass
64QAM	FULL	0	34.93	35.03	35.03	/	Pass
Band: 7C / Bandwidth: 20MHz+20MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	FULL	0	39.95	39.76	39.86	/	Pass
16QAM	FULL	0	39.94	39.75	39.96	/	Pass
64QAM	FULL	0	40.04	39.76	40.00	/	Pass

TEST GRAPH

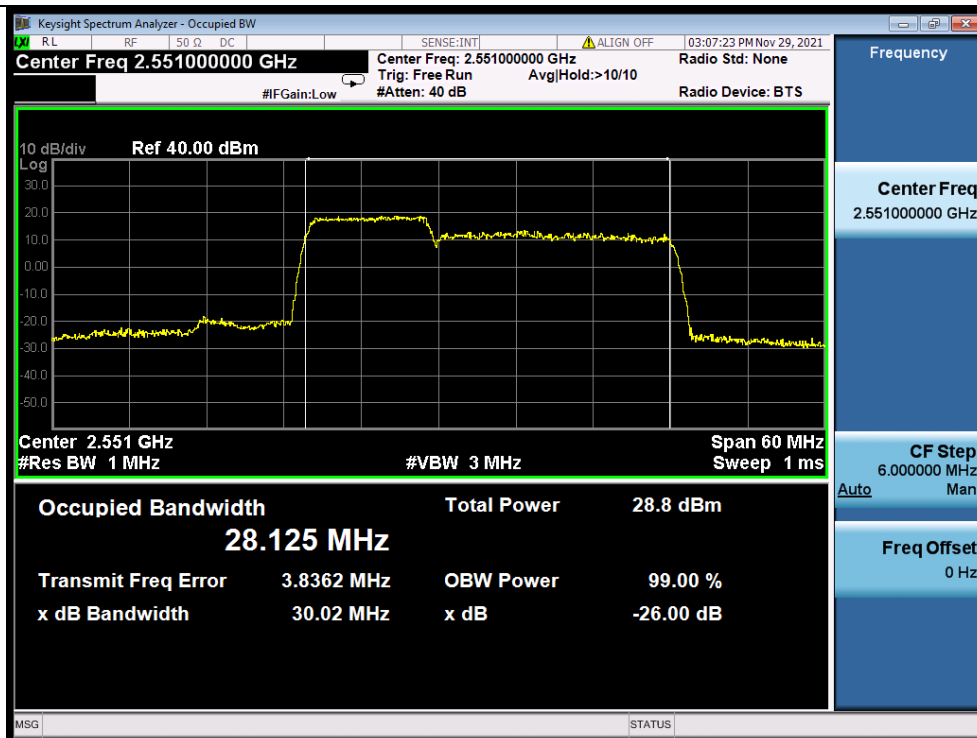
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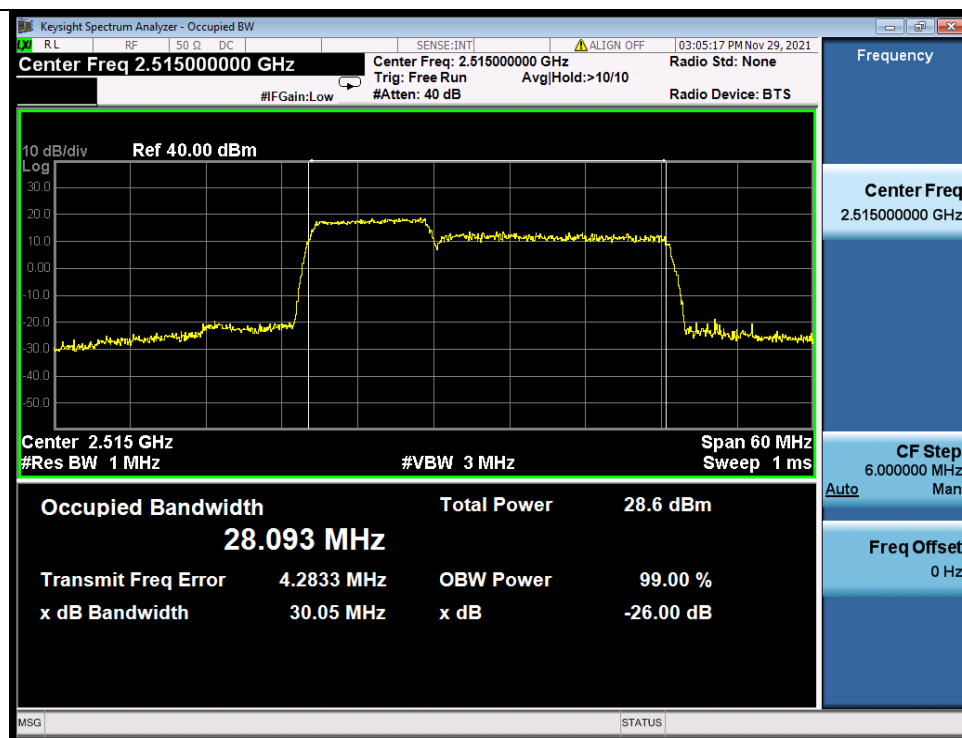
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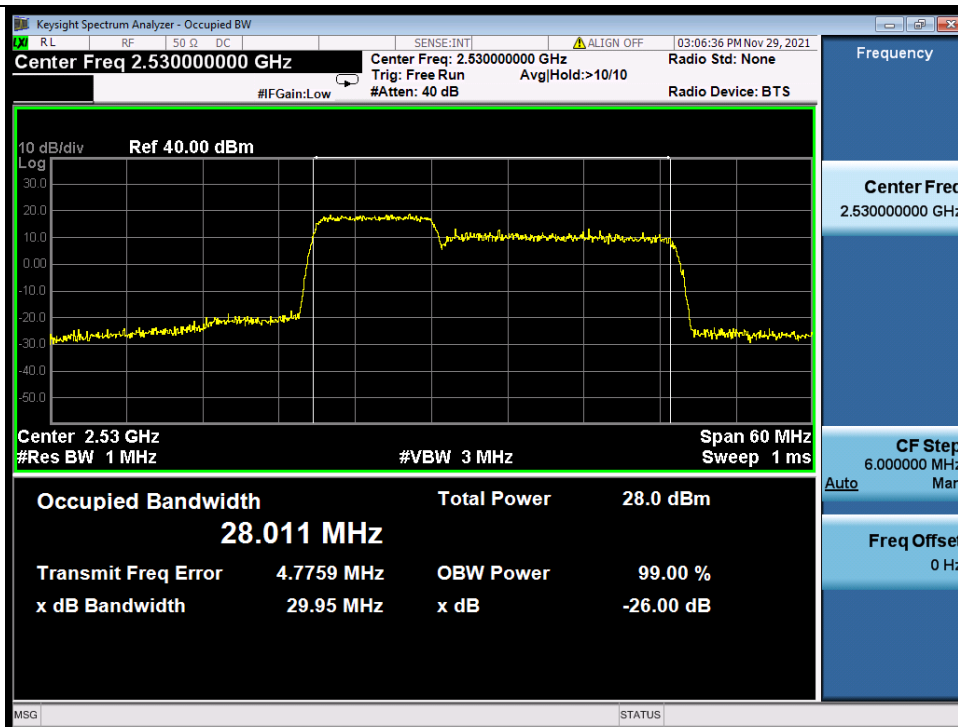


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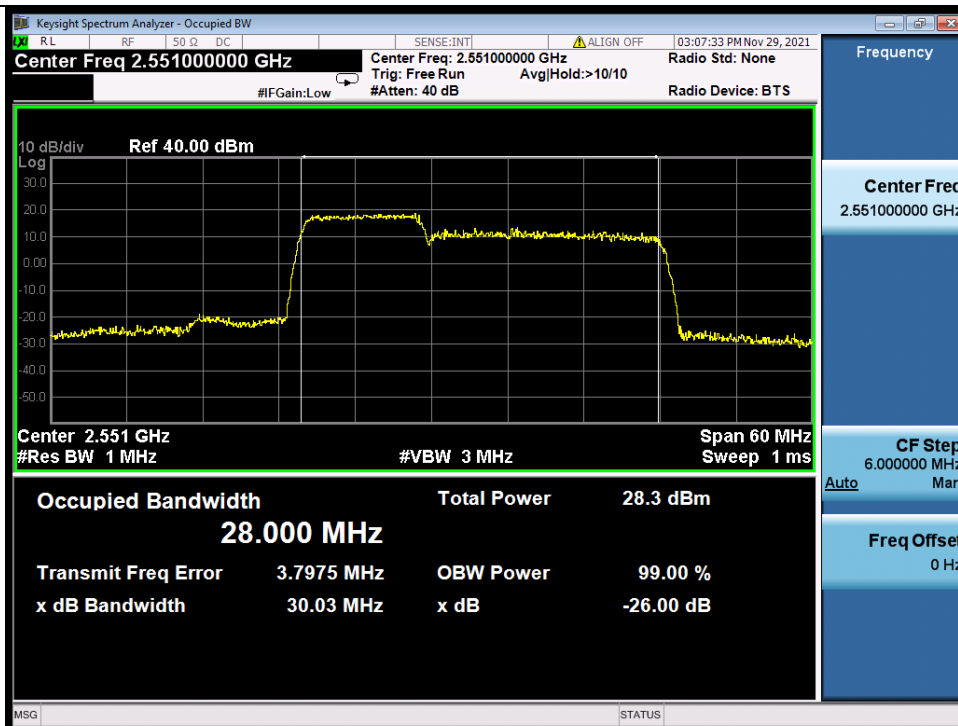


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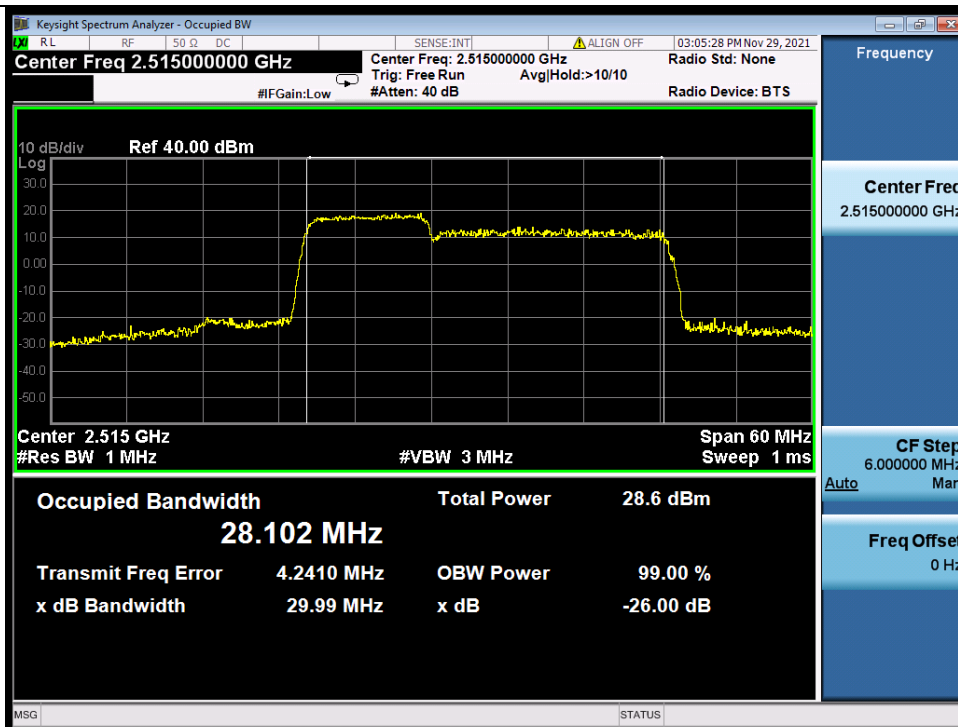
Test Report No.: W7L-P21100027RF16



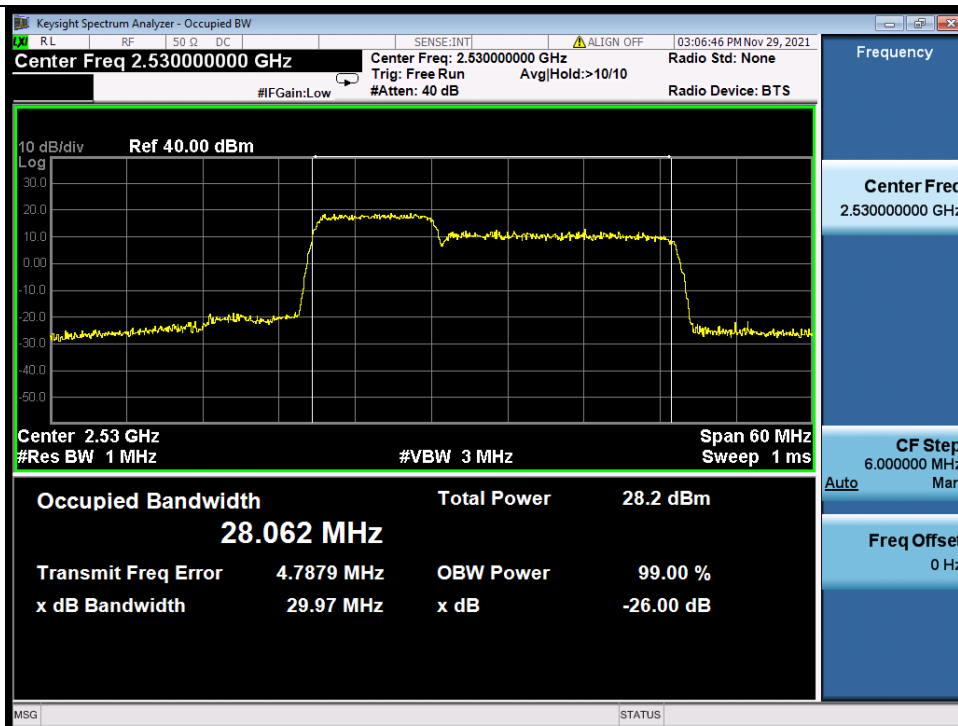
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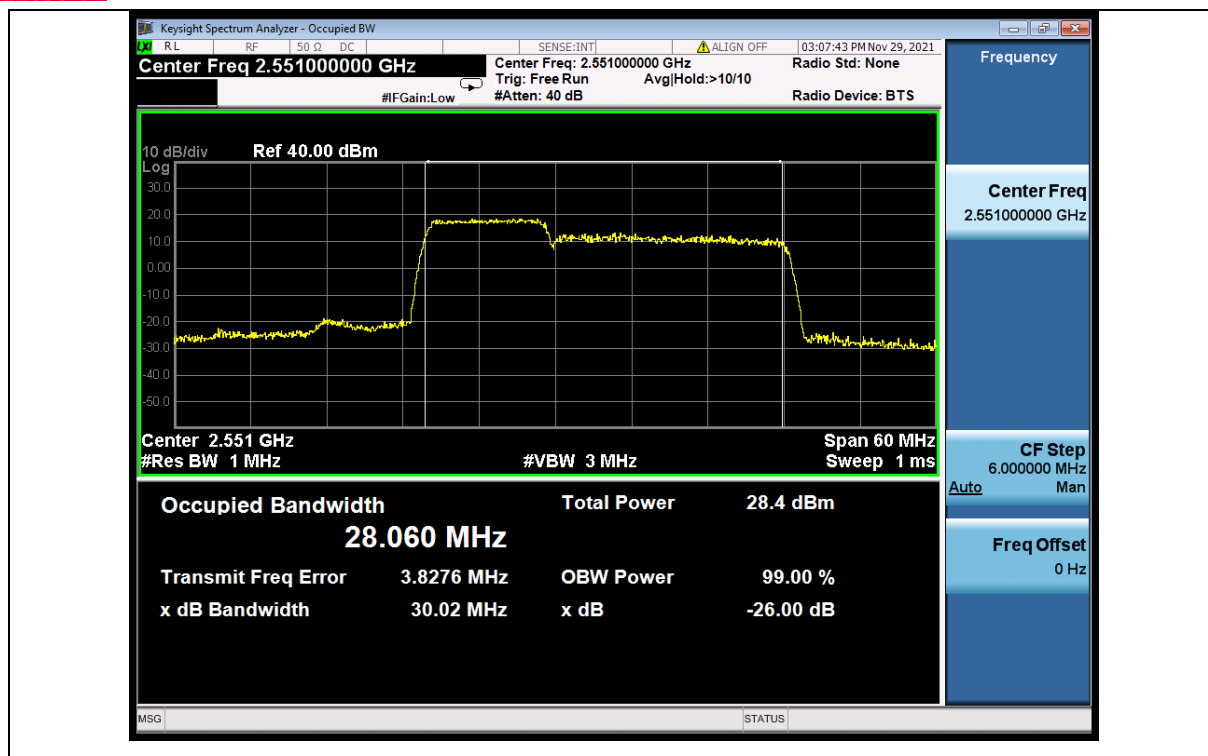
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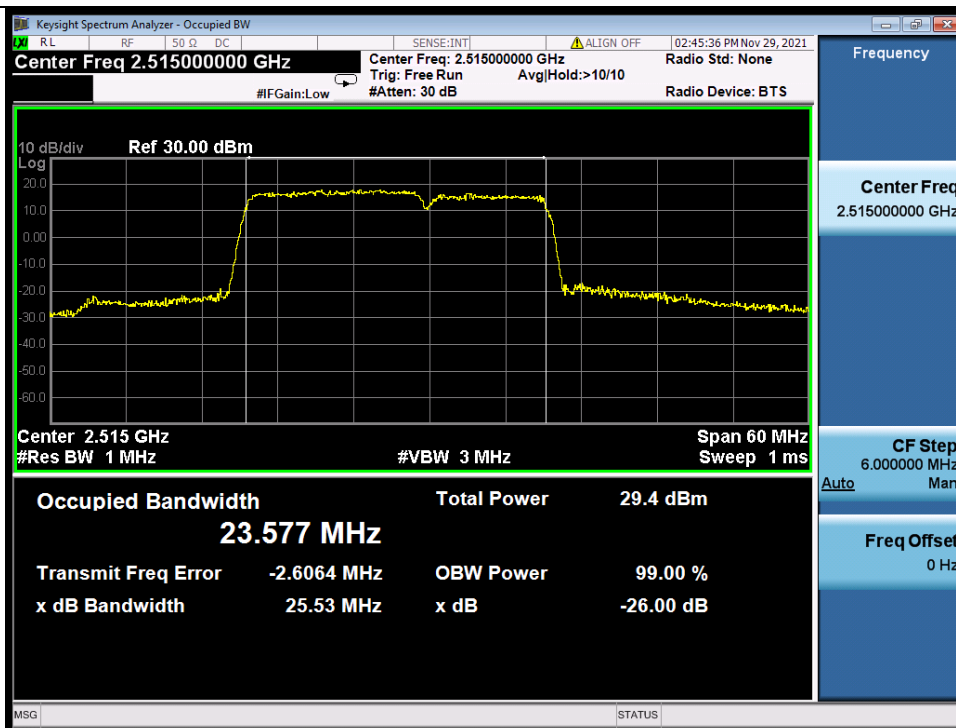
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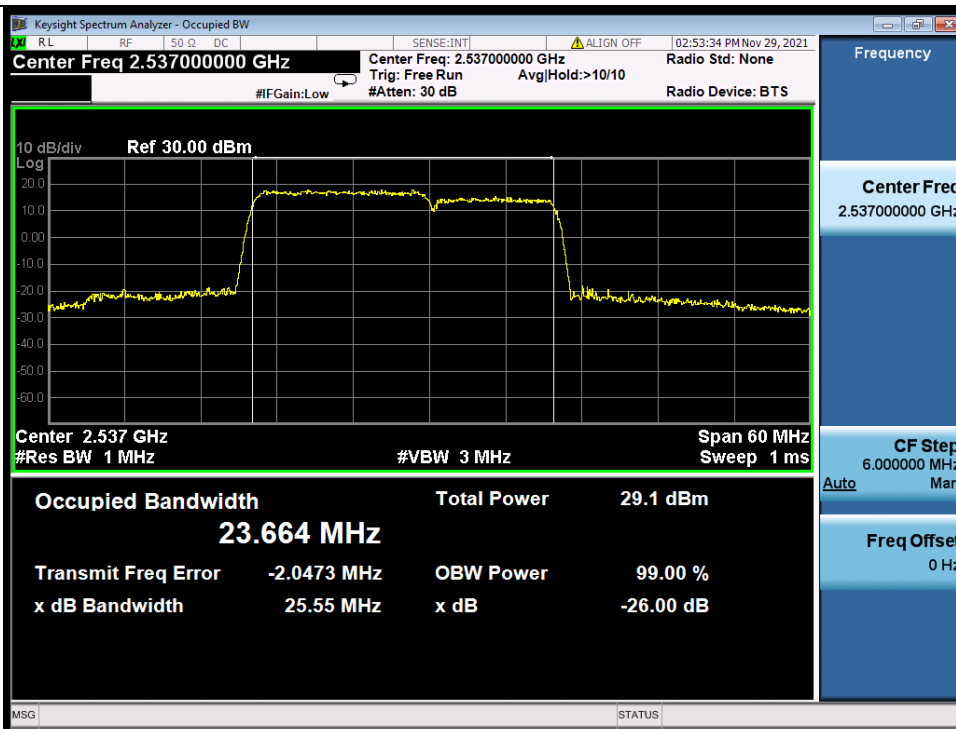
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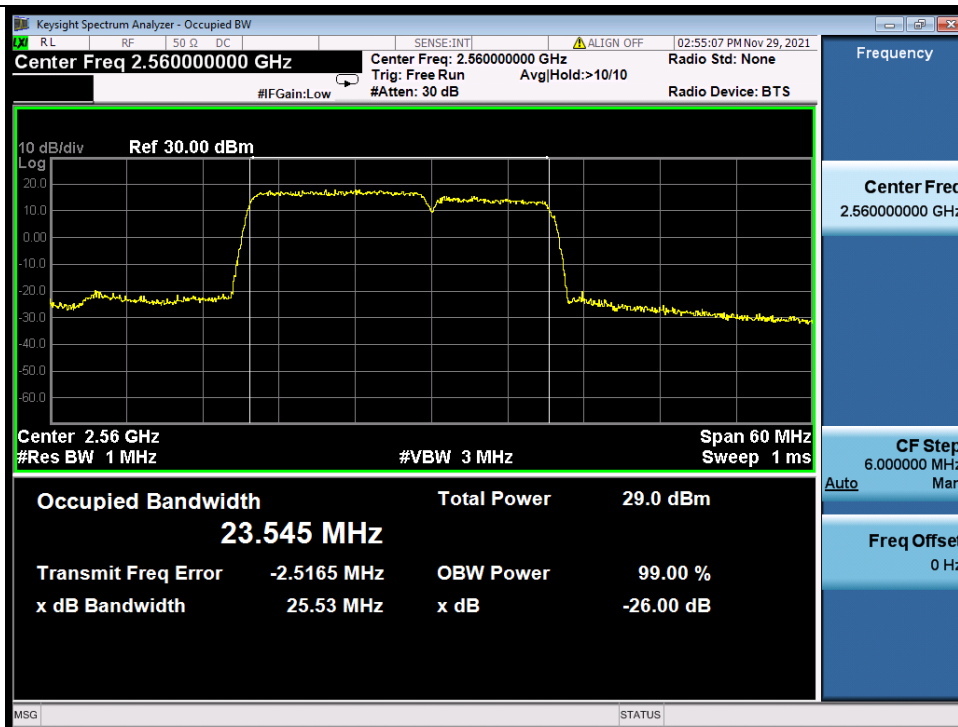
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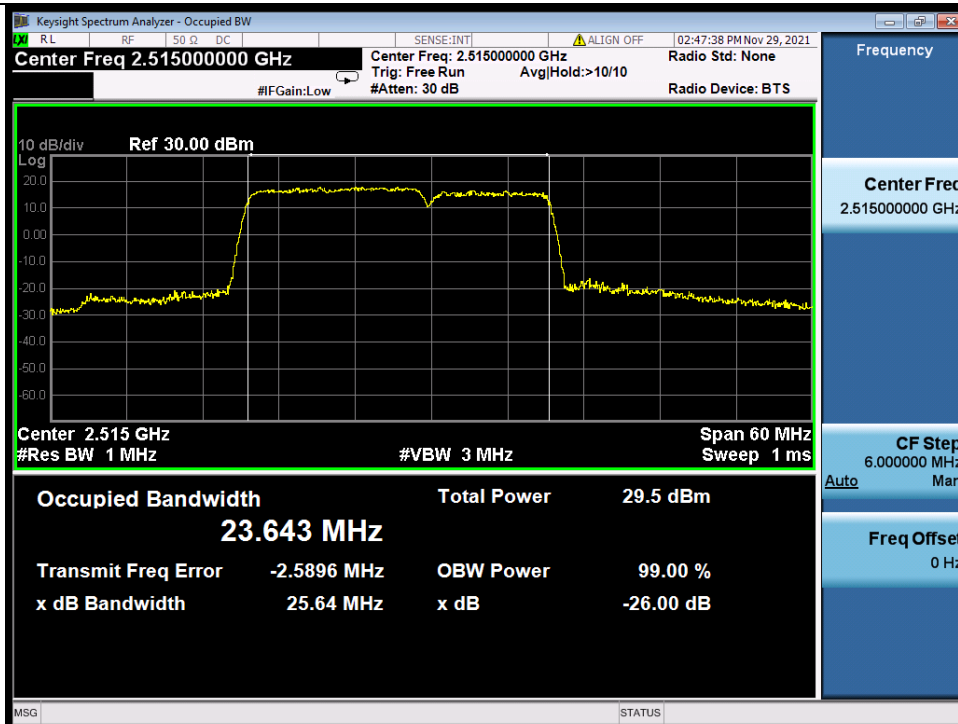
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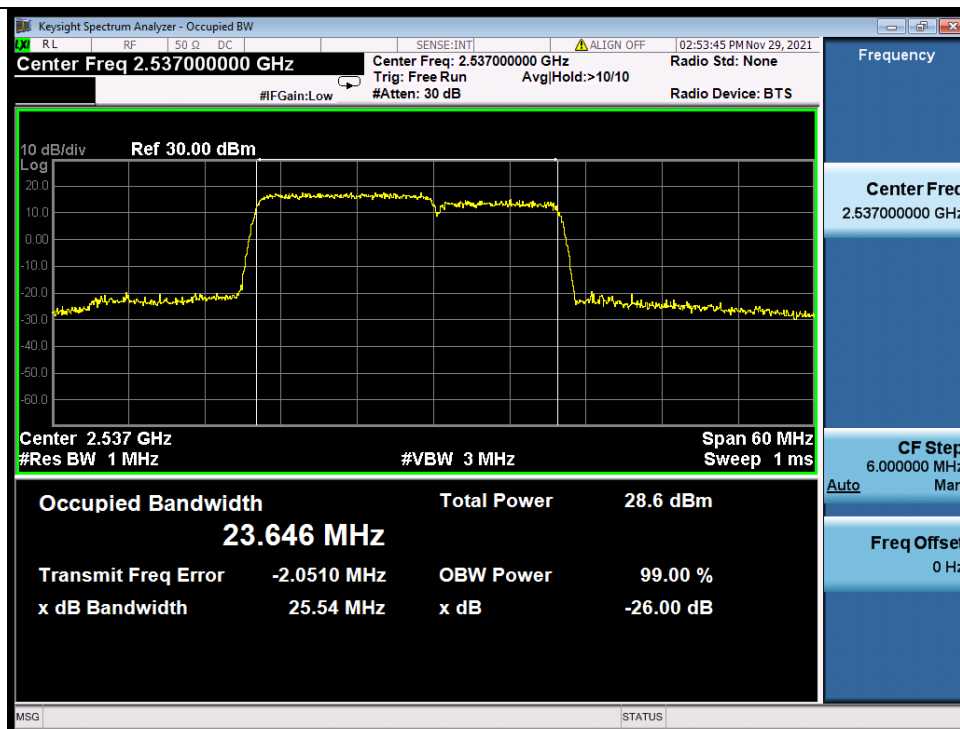
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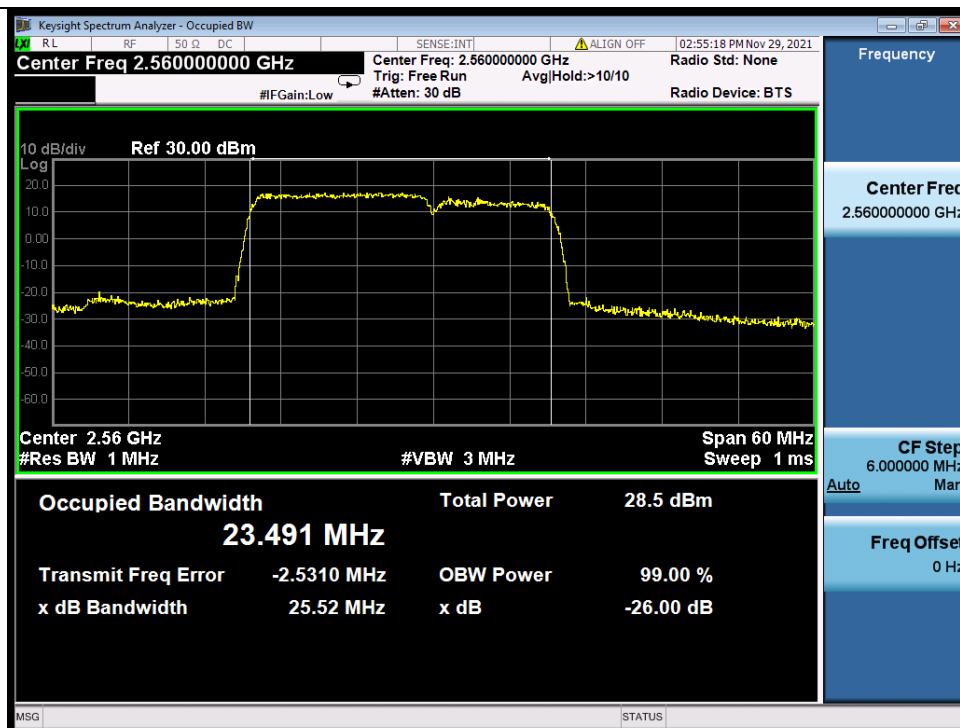
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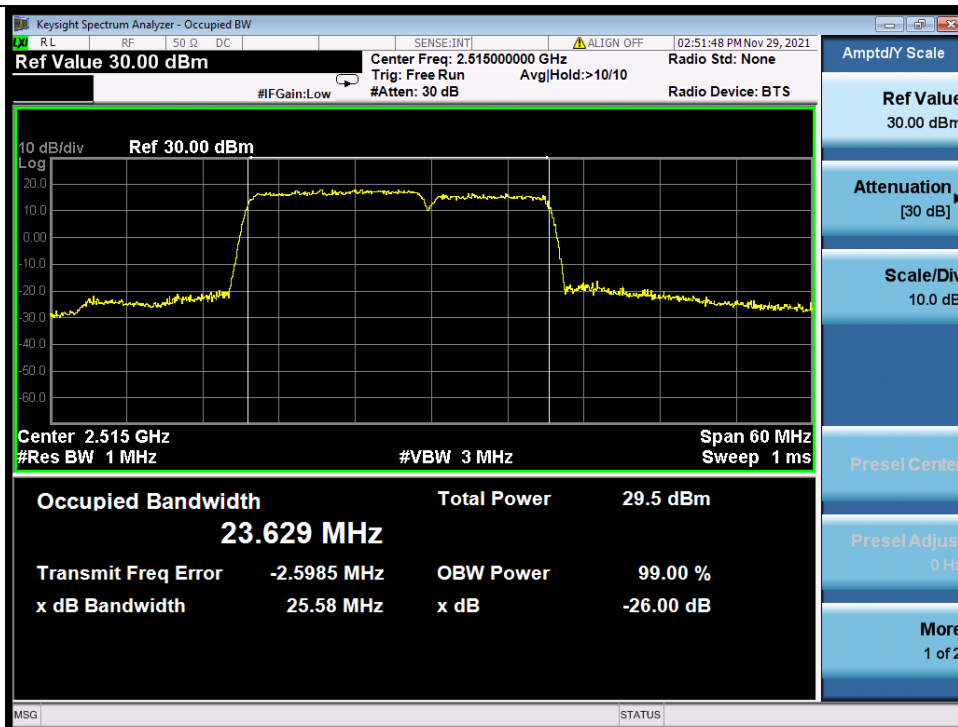
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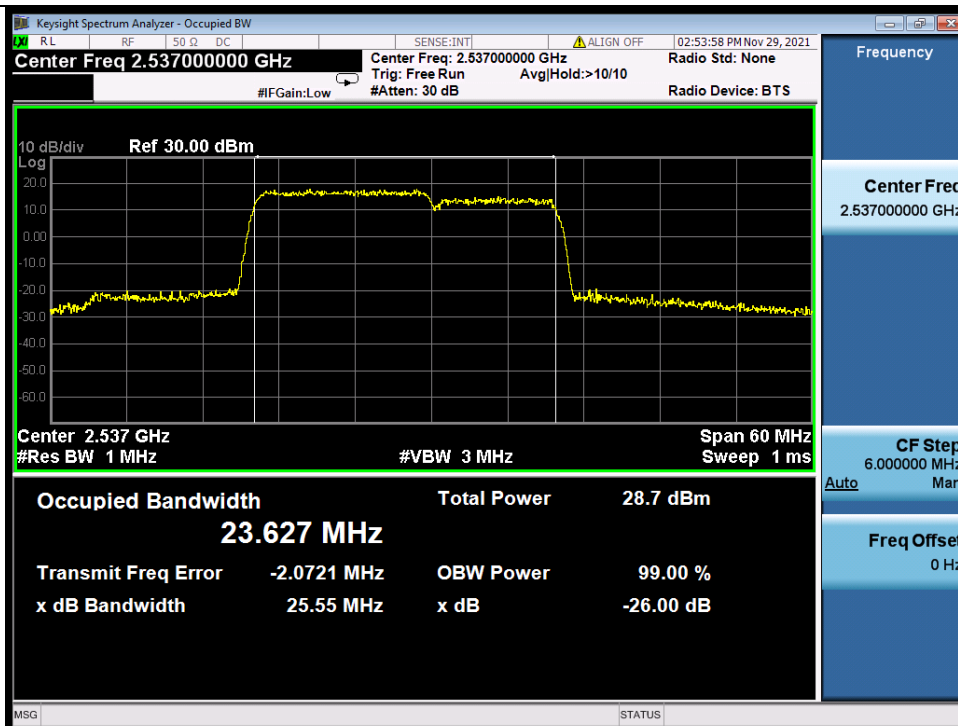
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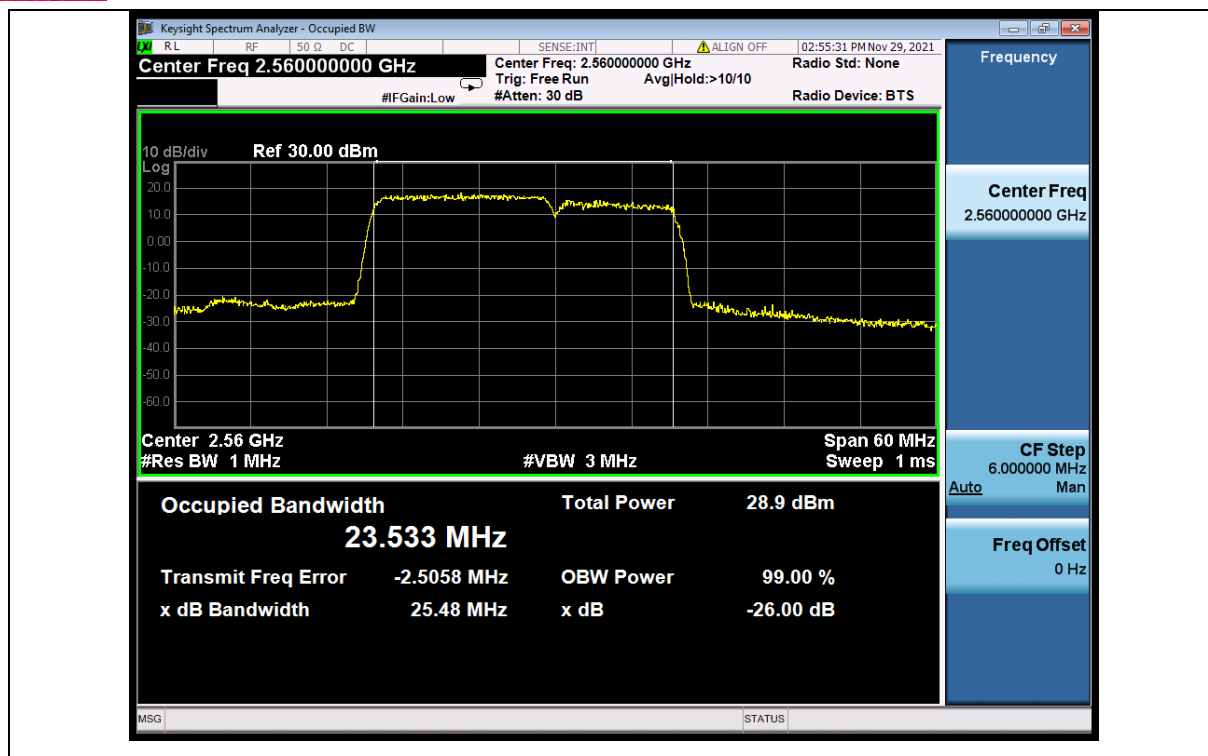
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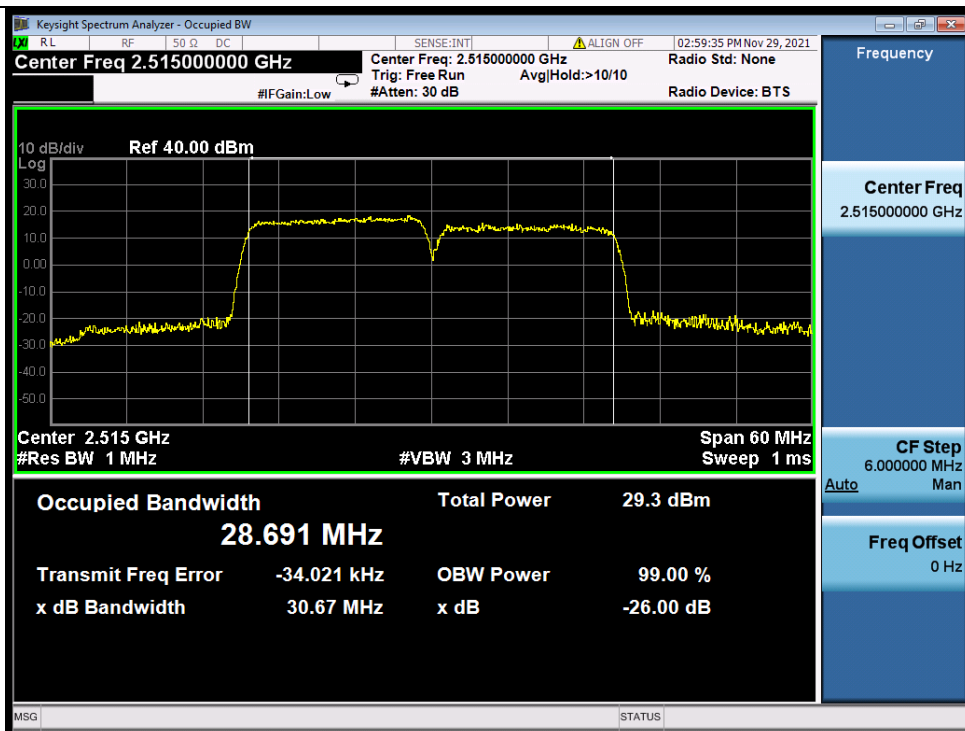
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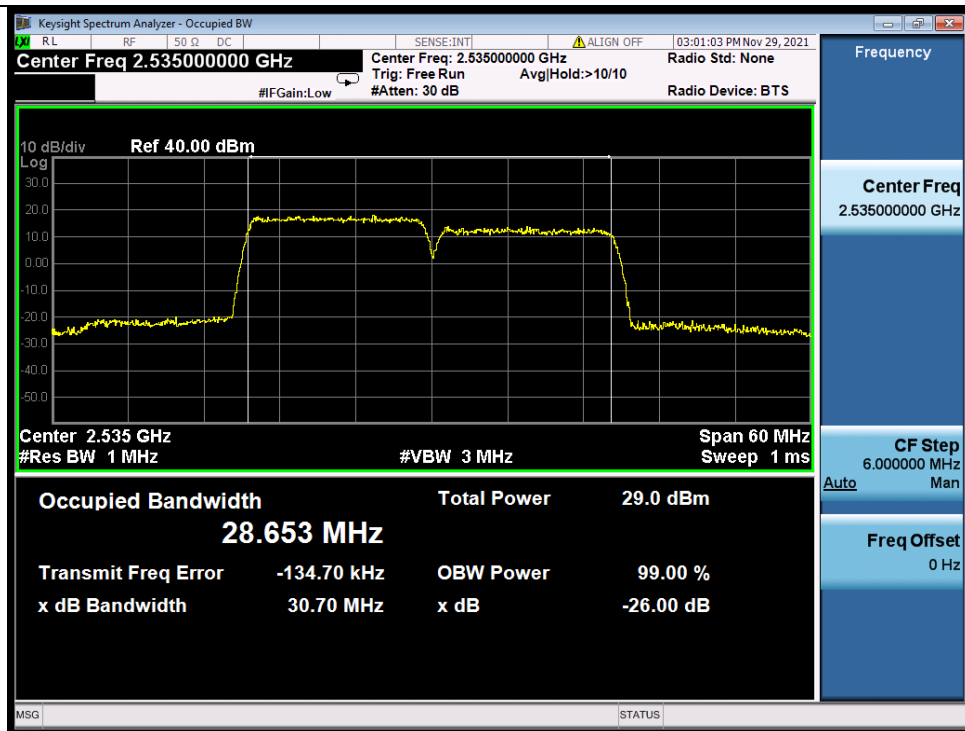
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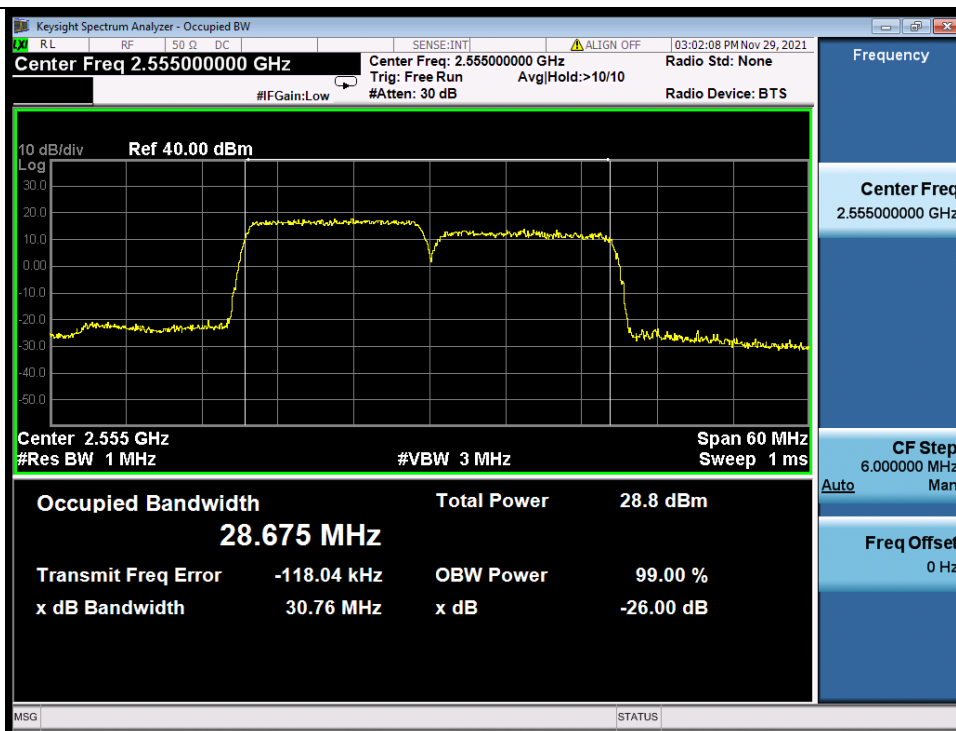
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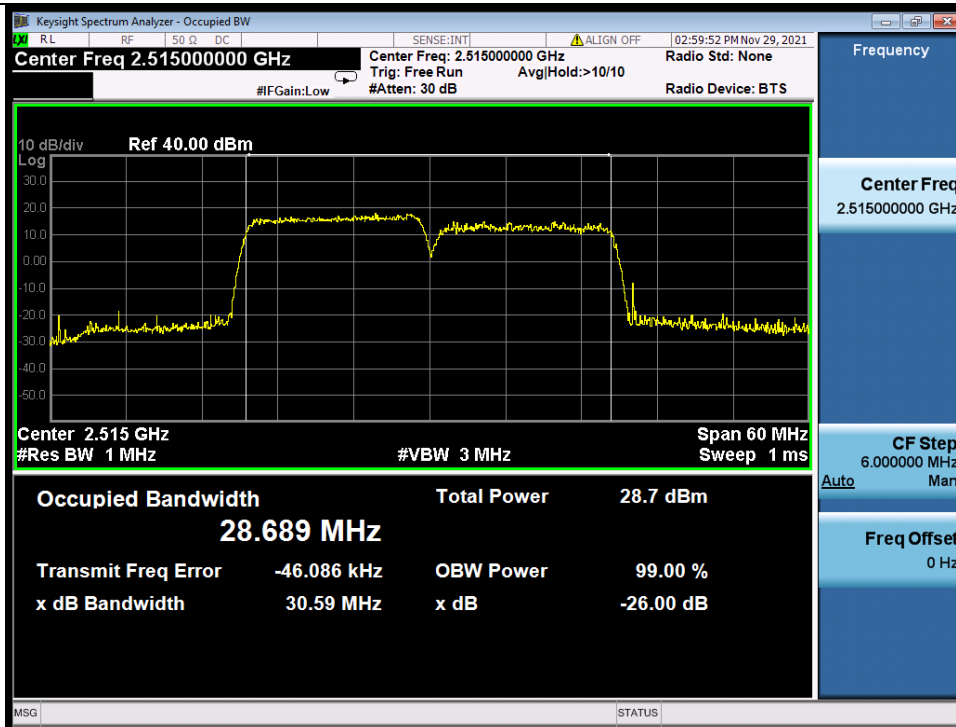
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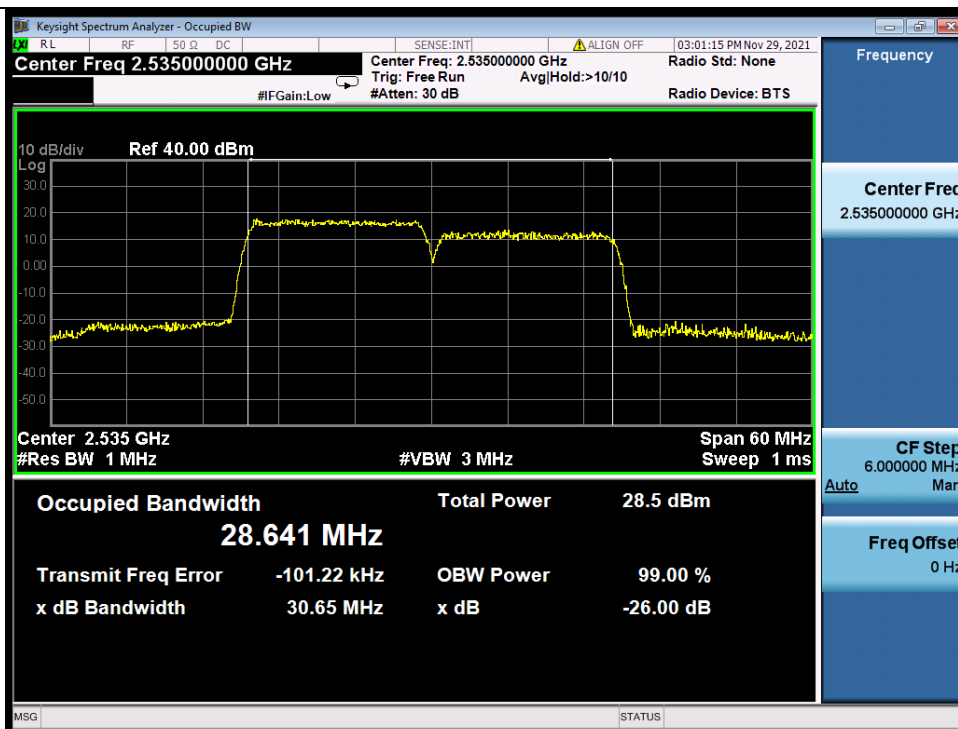
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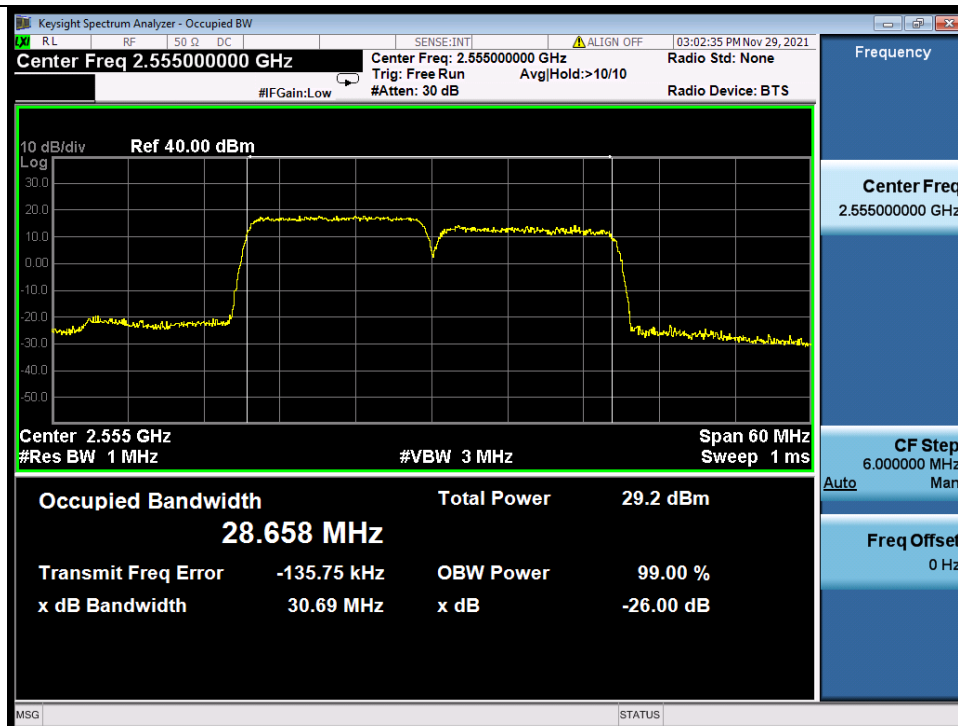
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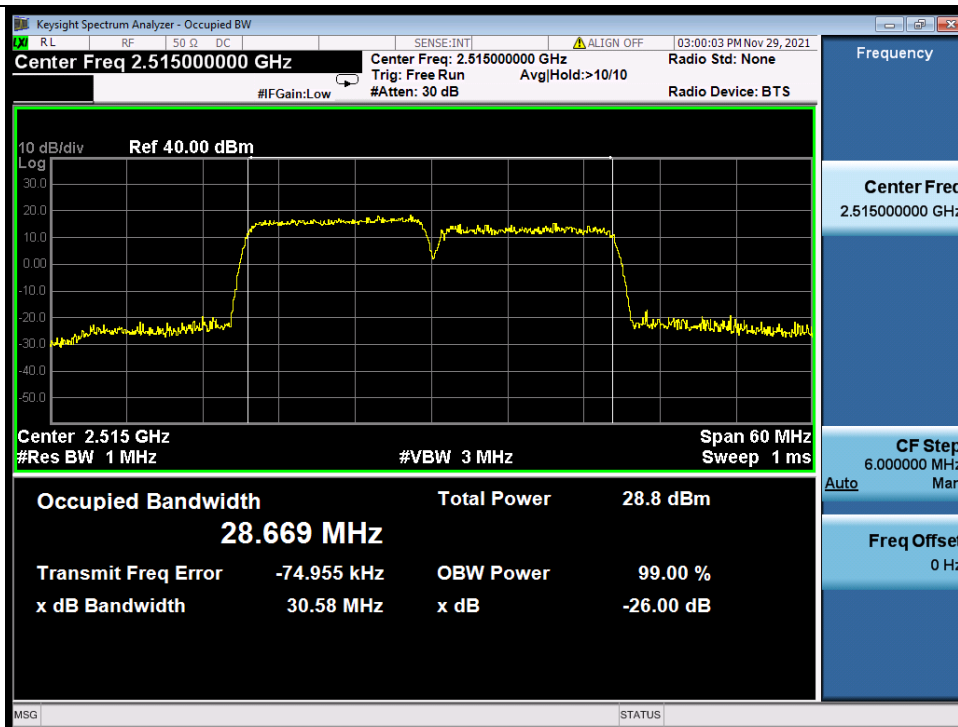
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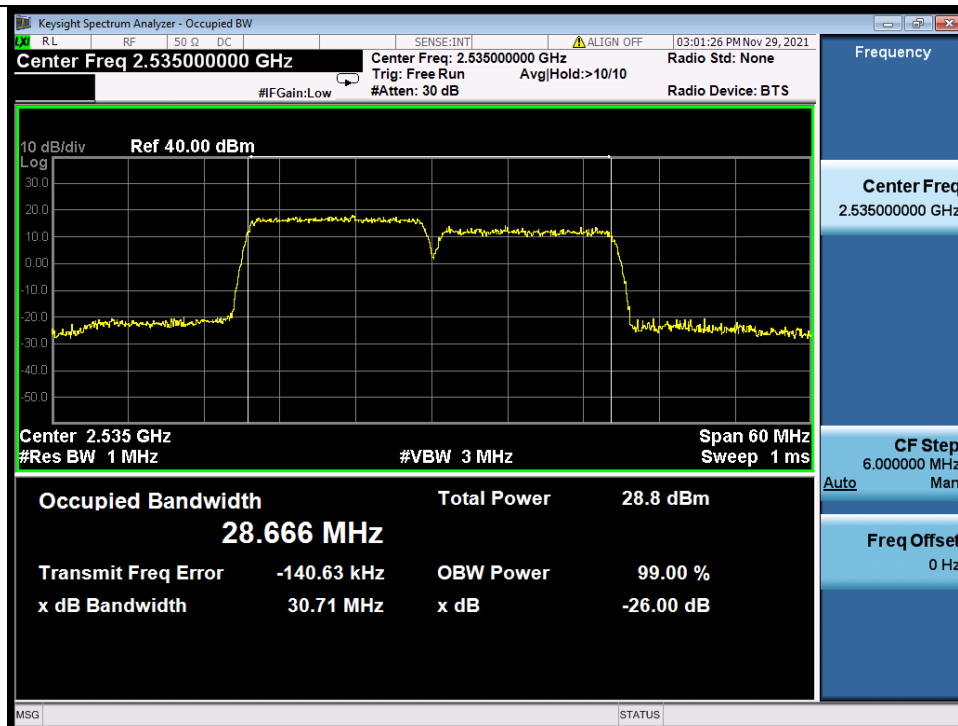
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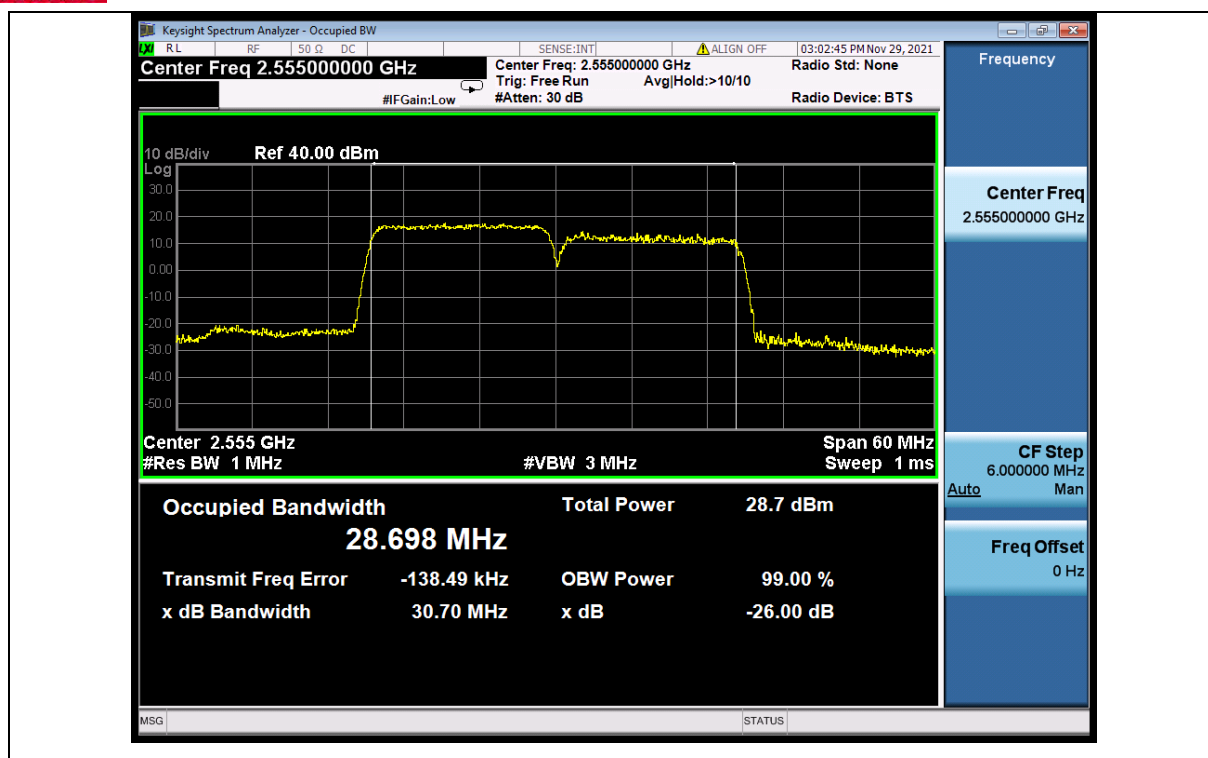
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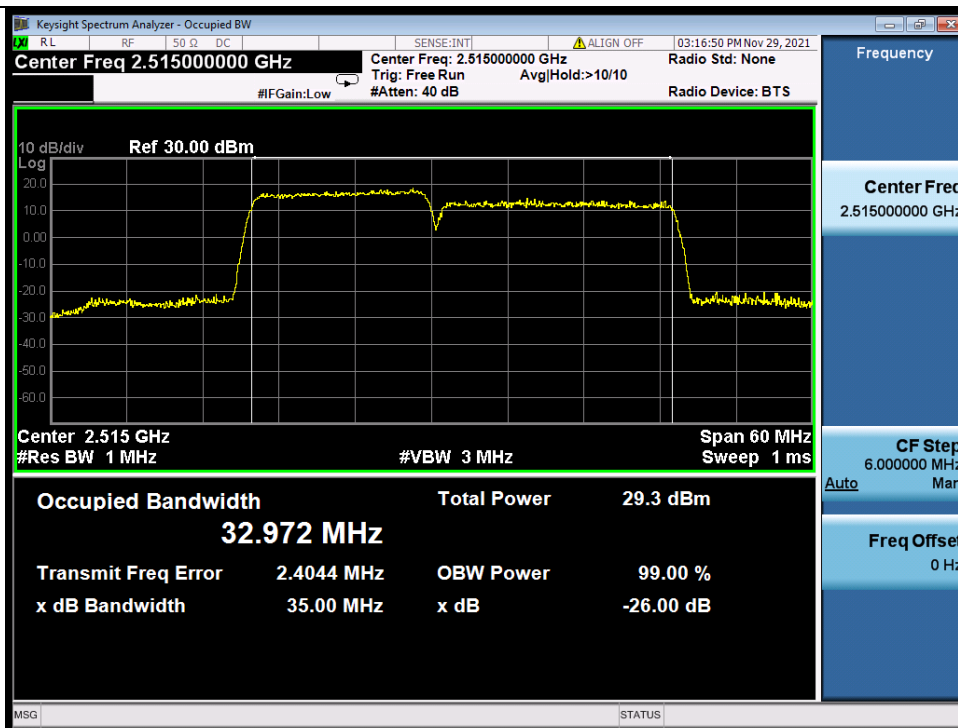
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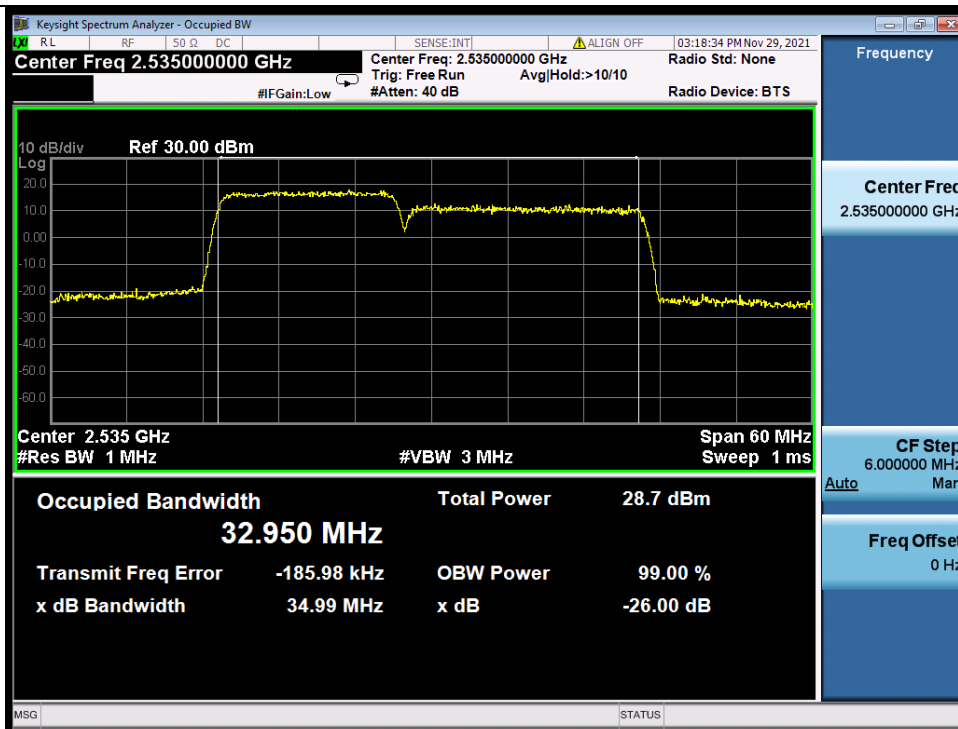
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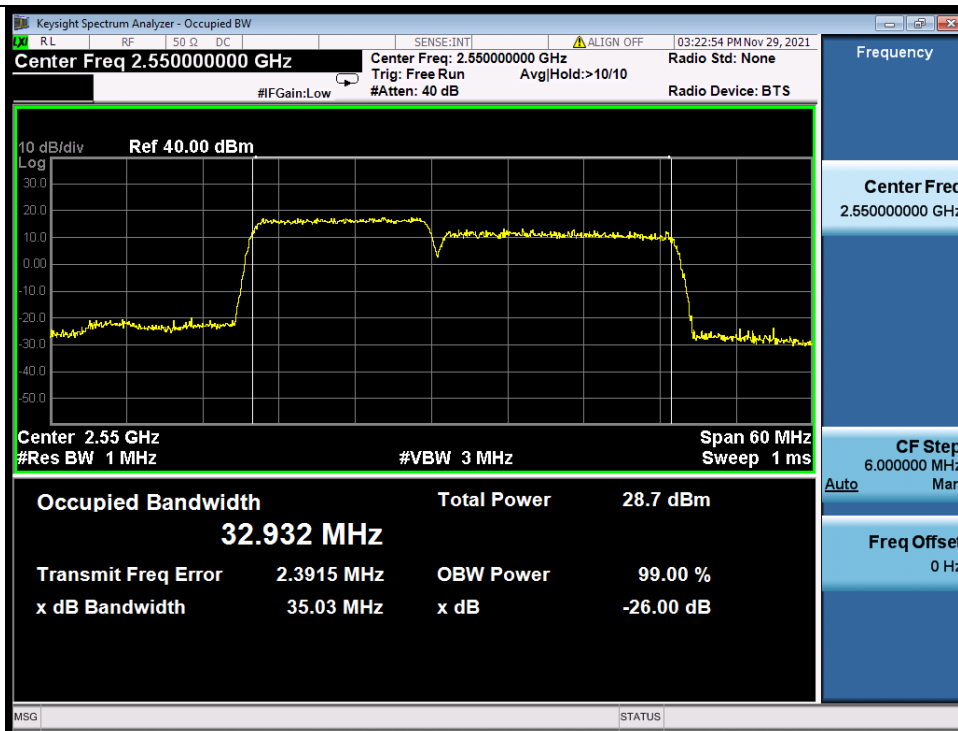
Band_7C_15MHz+20MHz_QPSK_LCH_NTNV



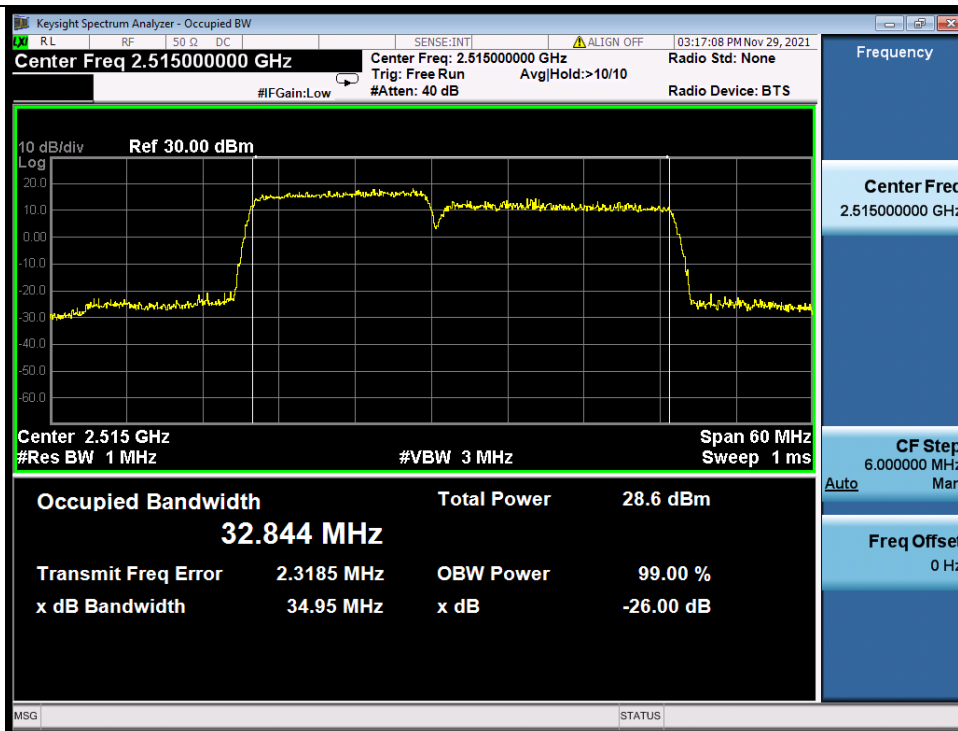
Band_7C_15MHz+20MHz_QPSK_MCH_NTNV



Band_7C_15MHz+20MHz_QPSK_HCH_NTNV

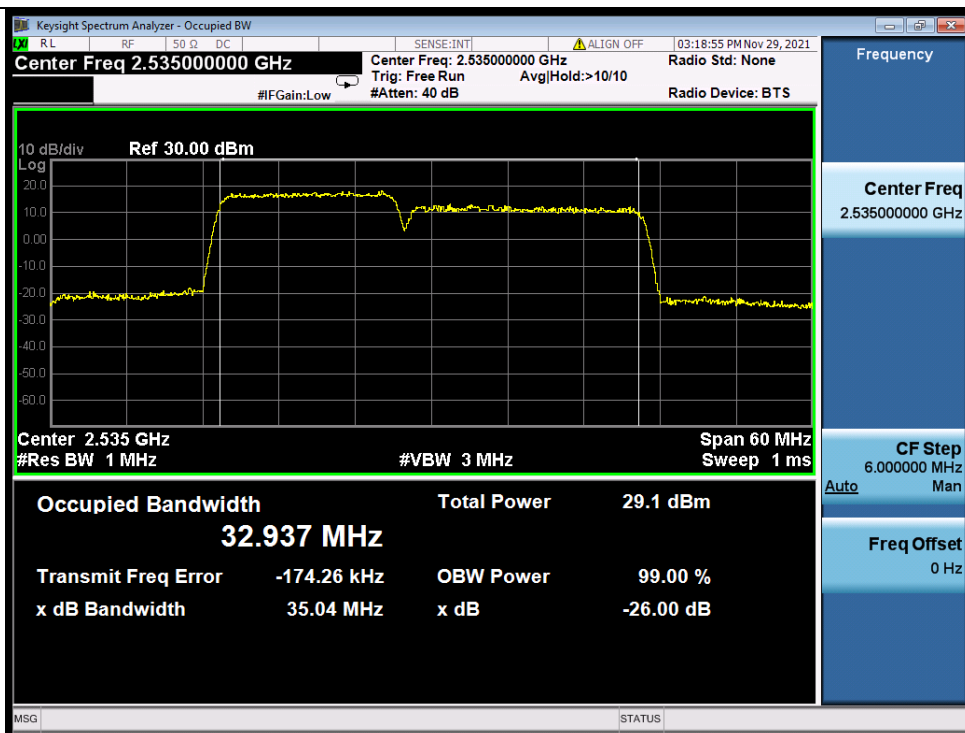


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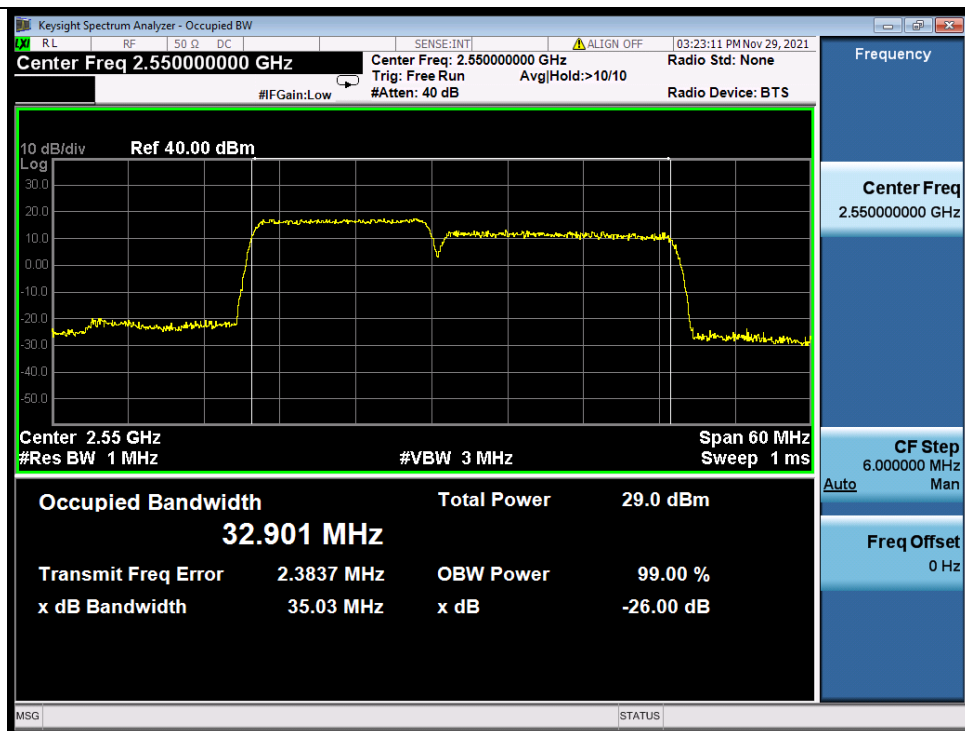


Band_7C_15MHz+20MHz_16QAM_MCH_NTNV

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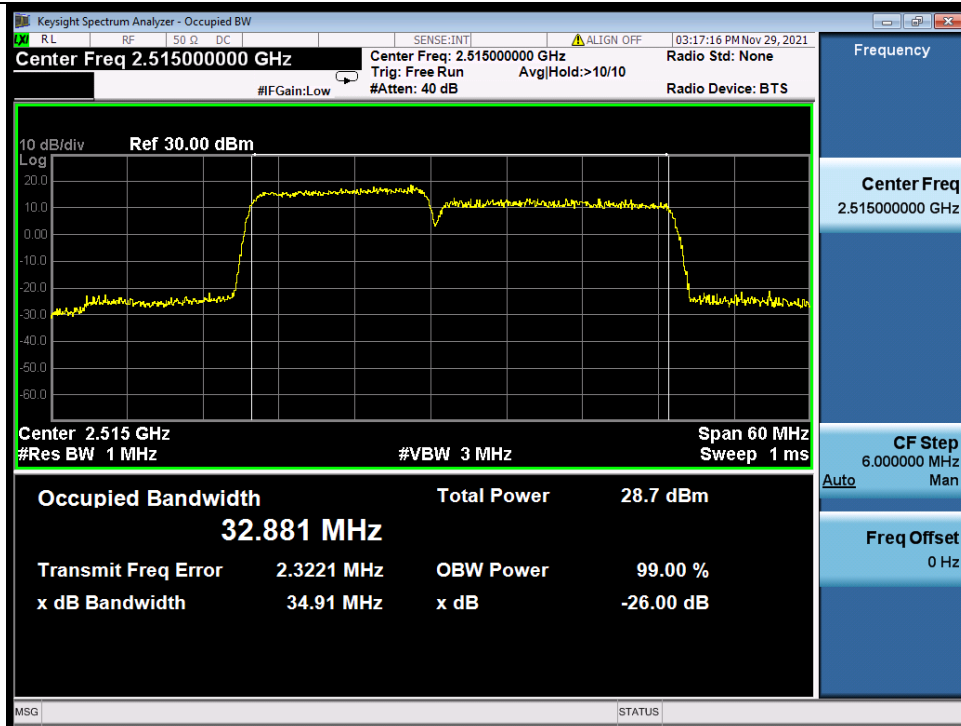


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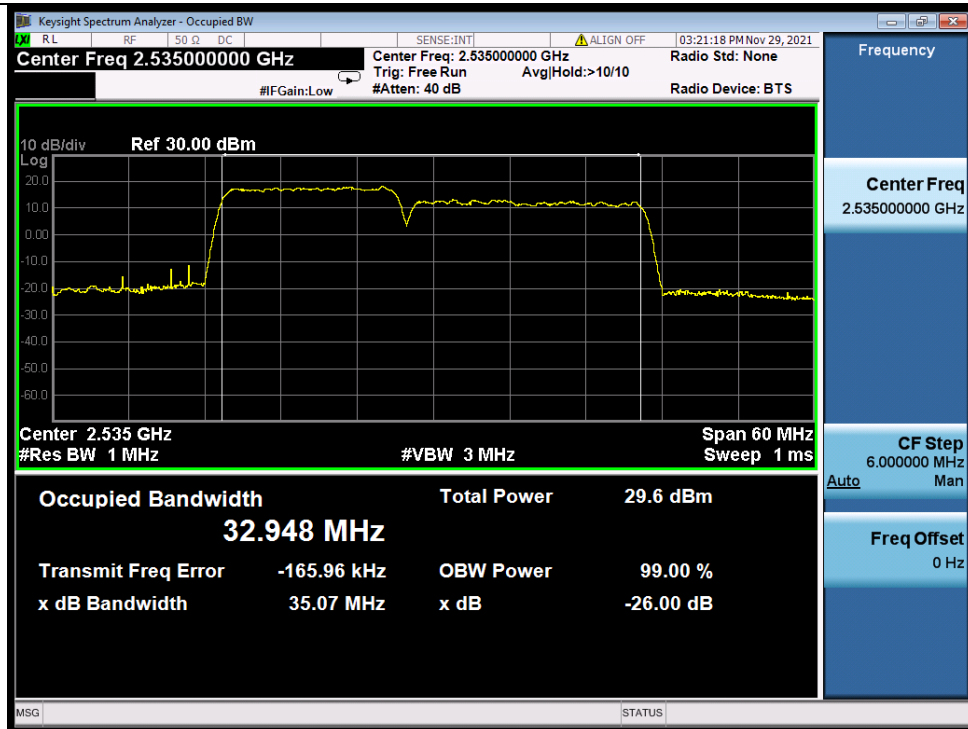


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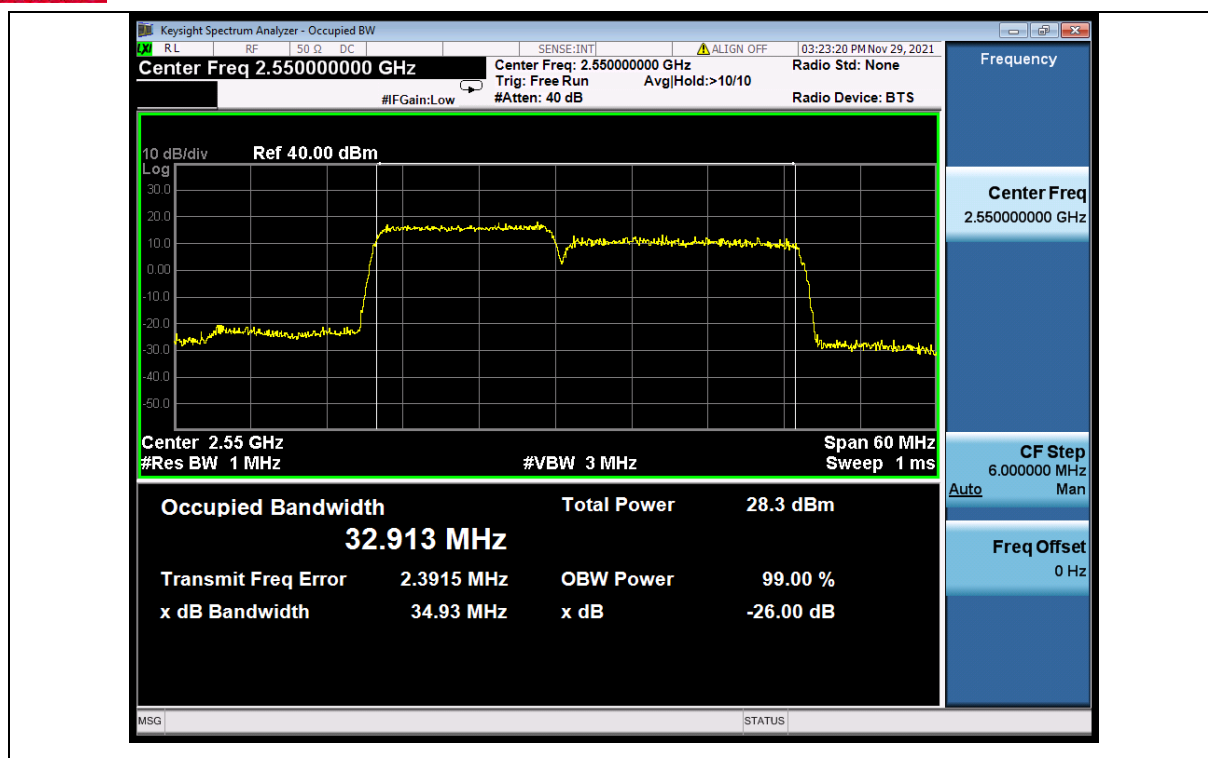
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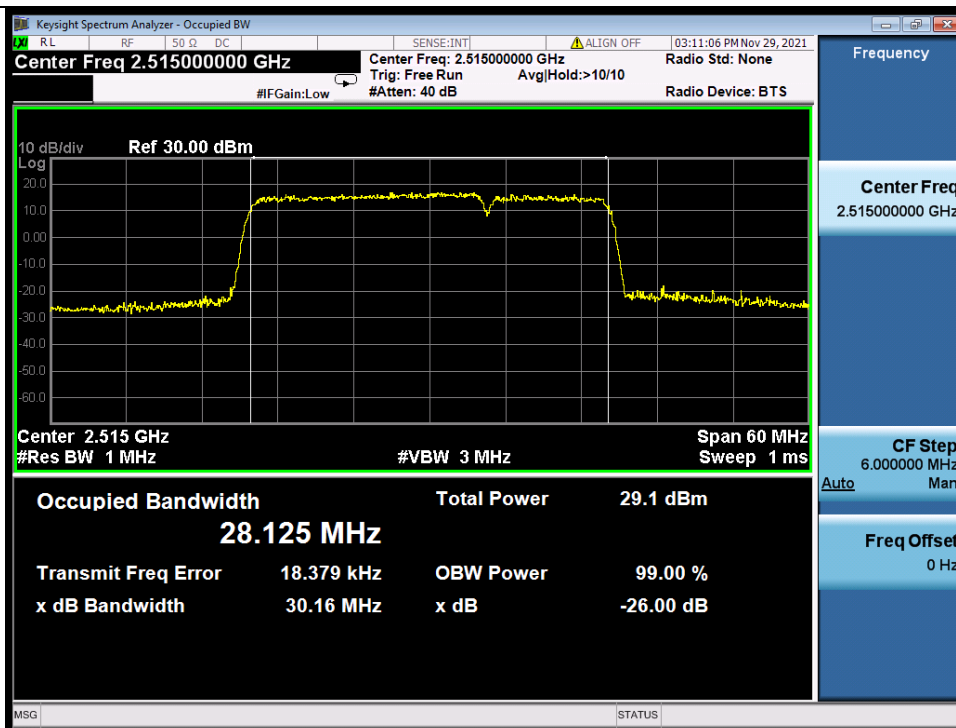
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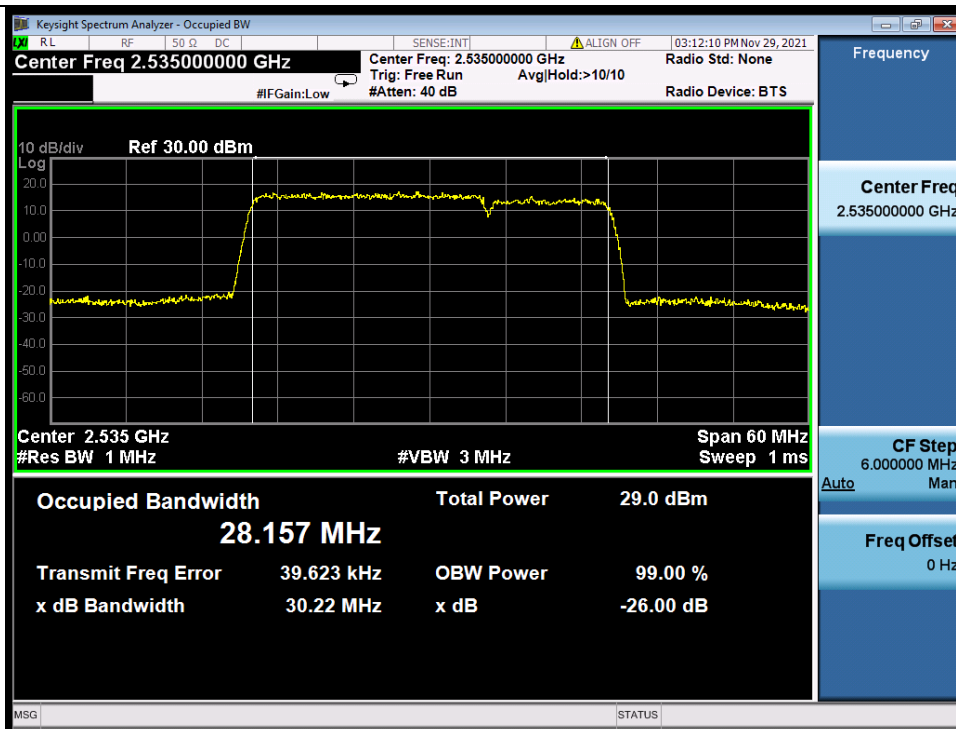
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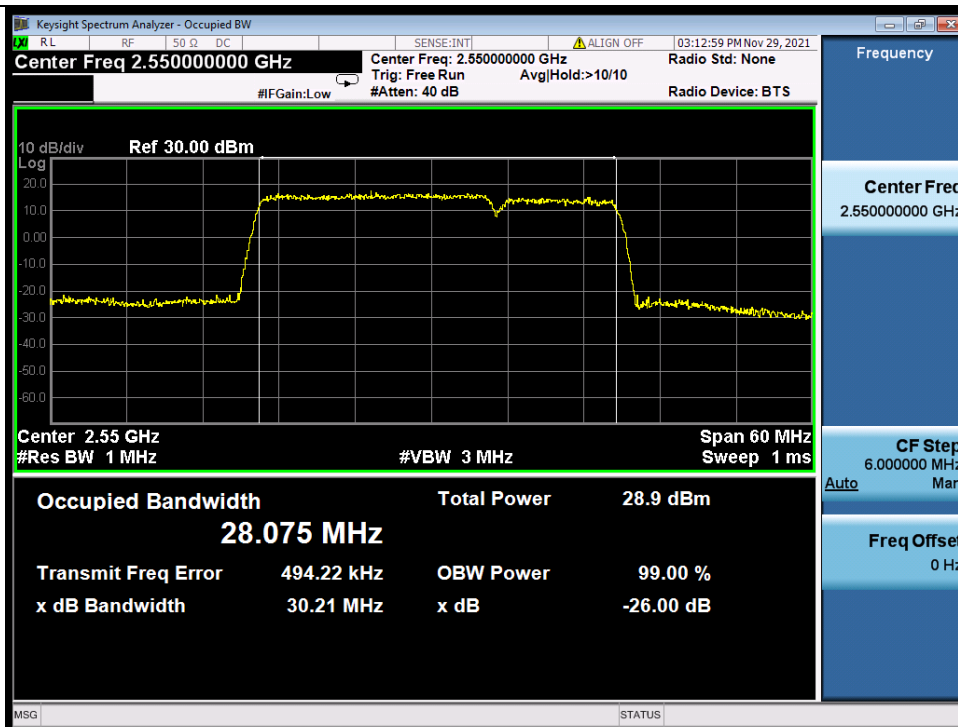
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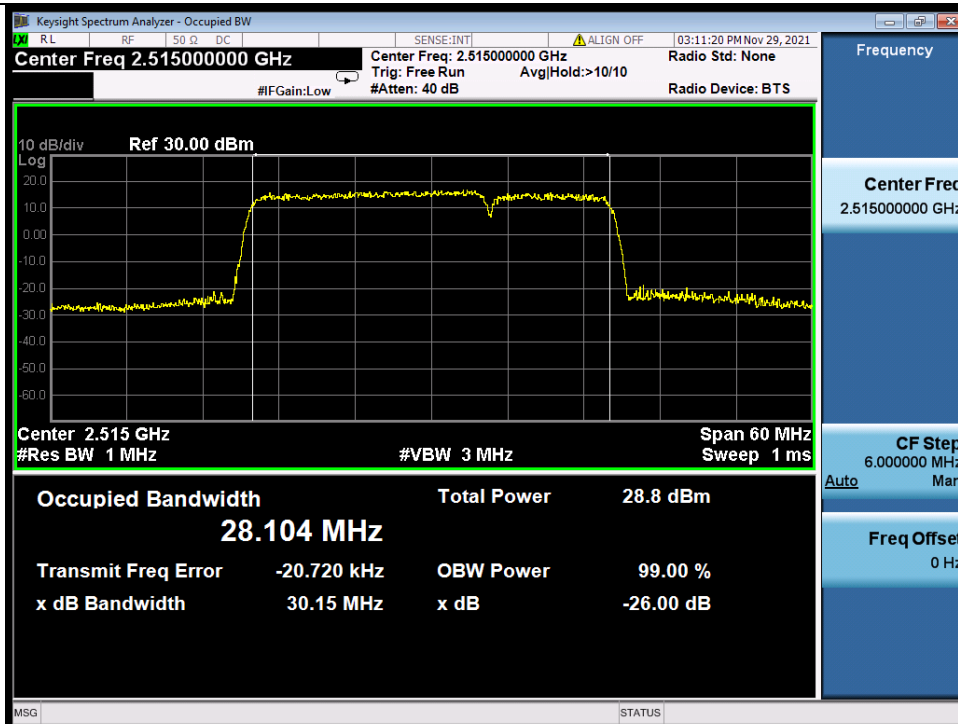
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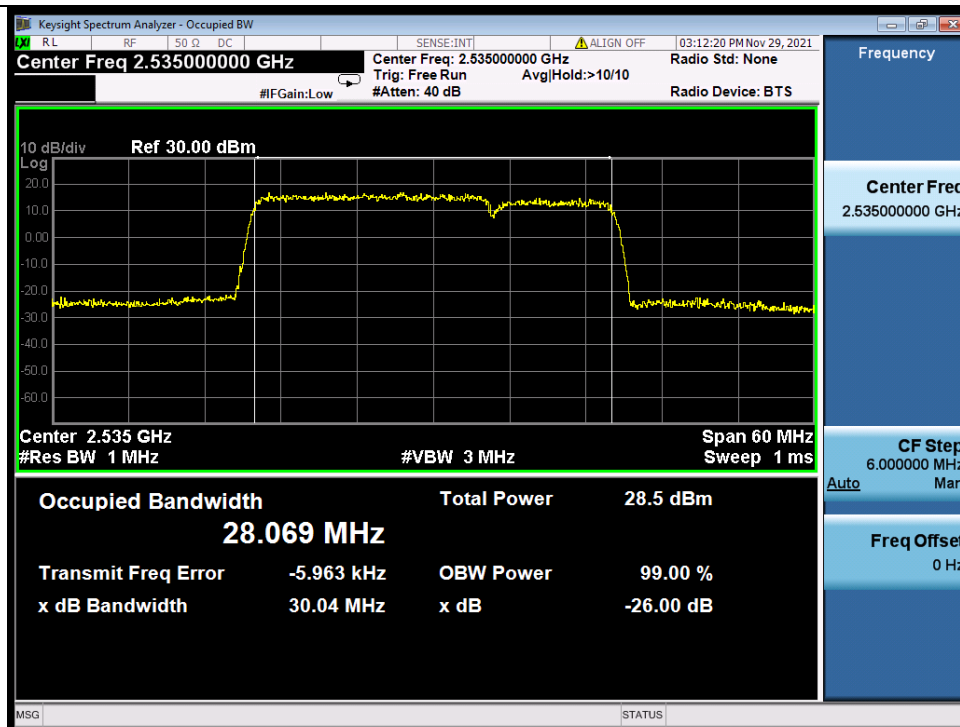
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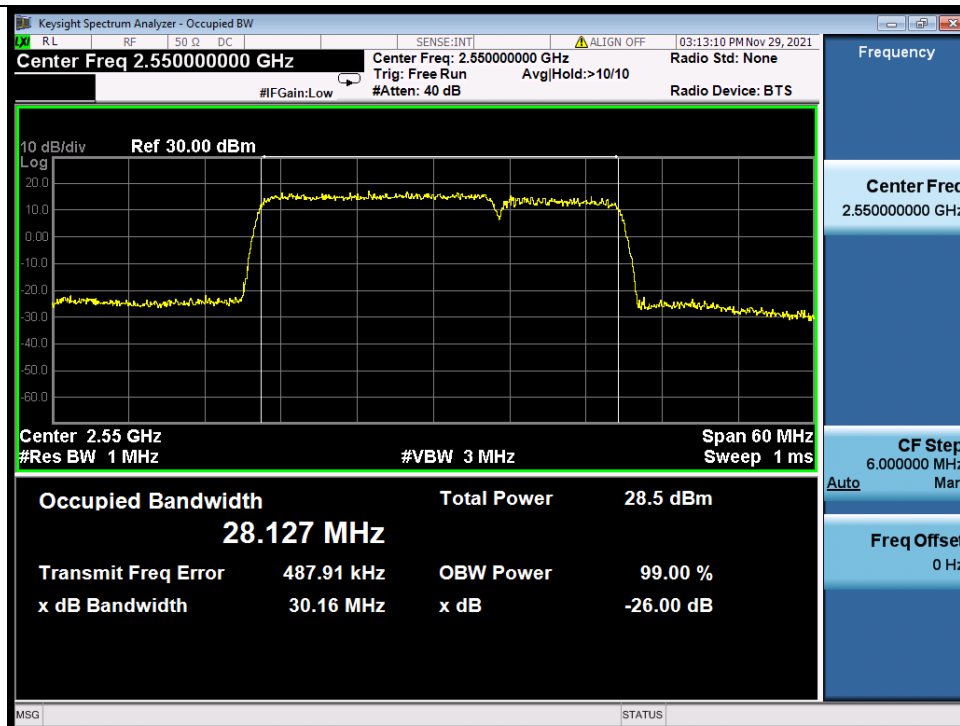
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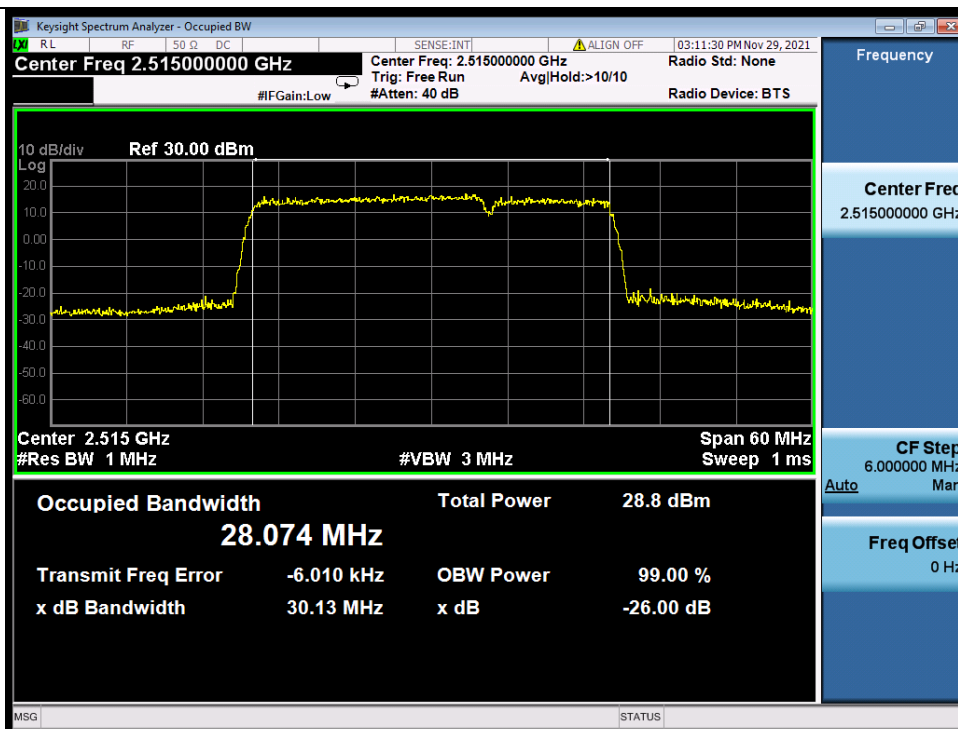
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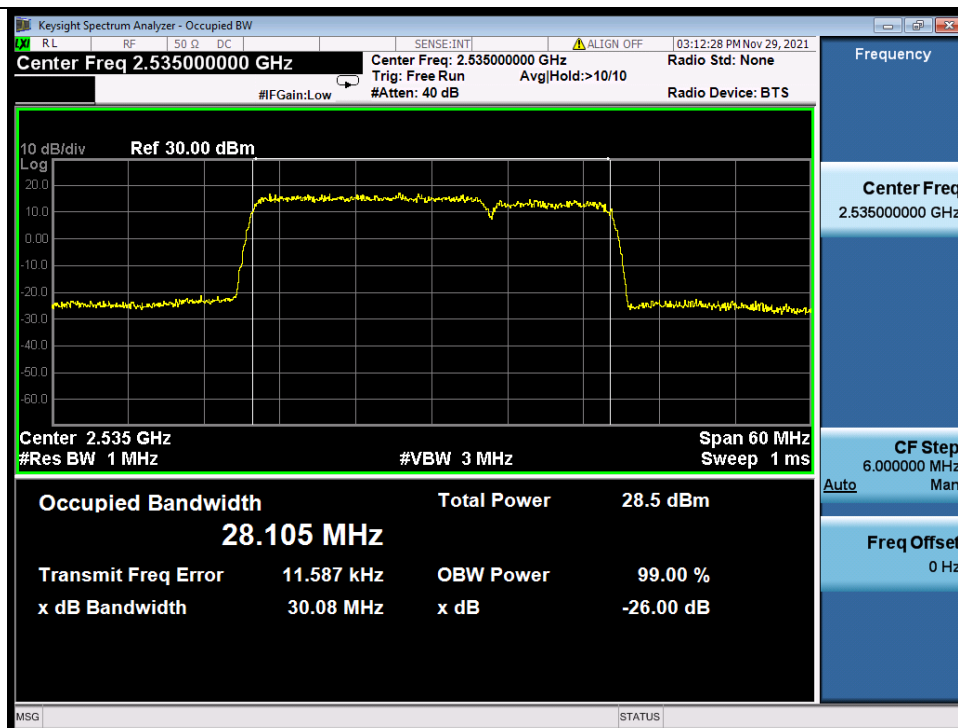
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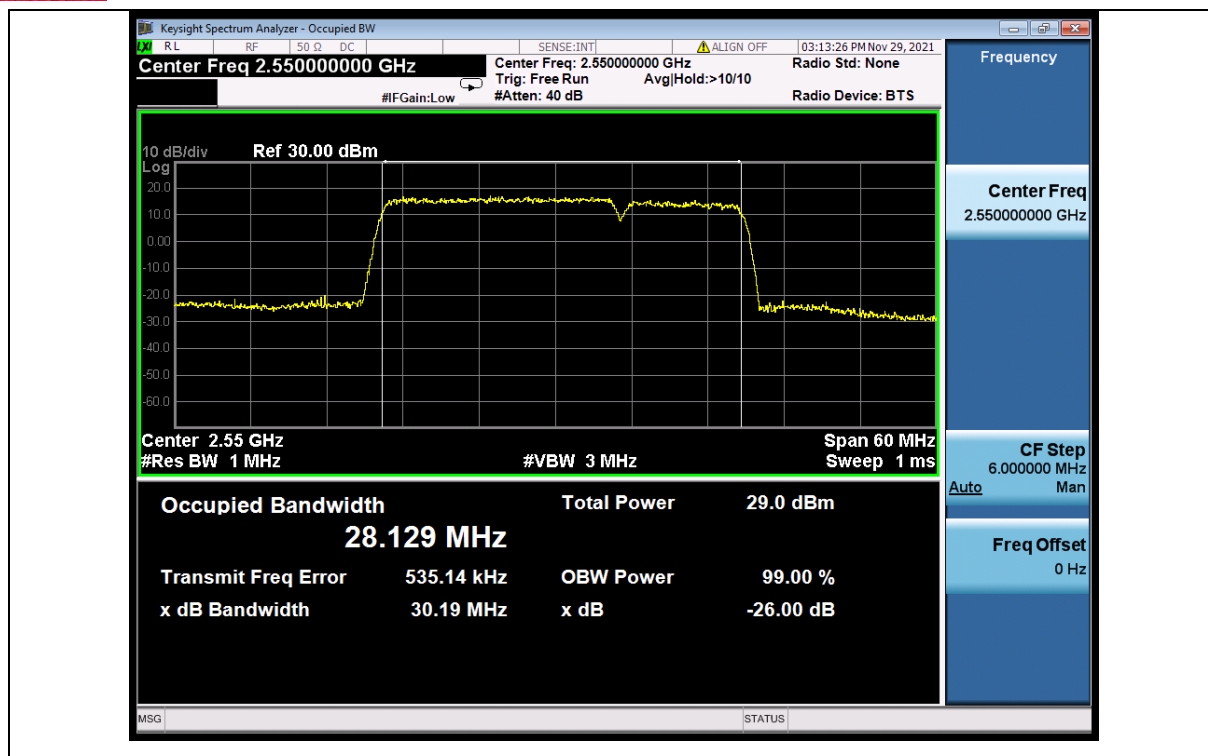
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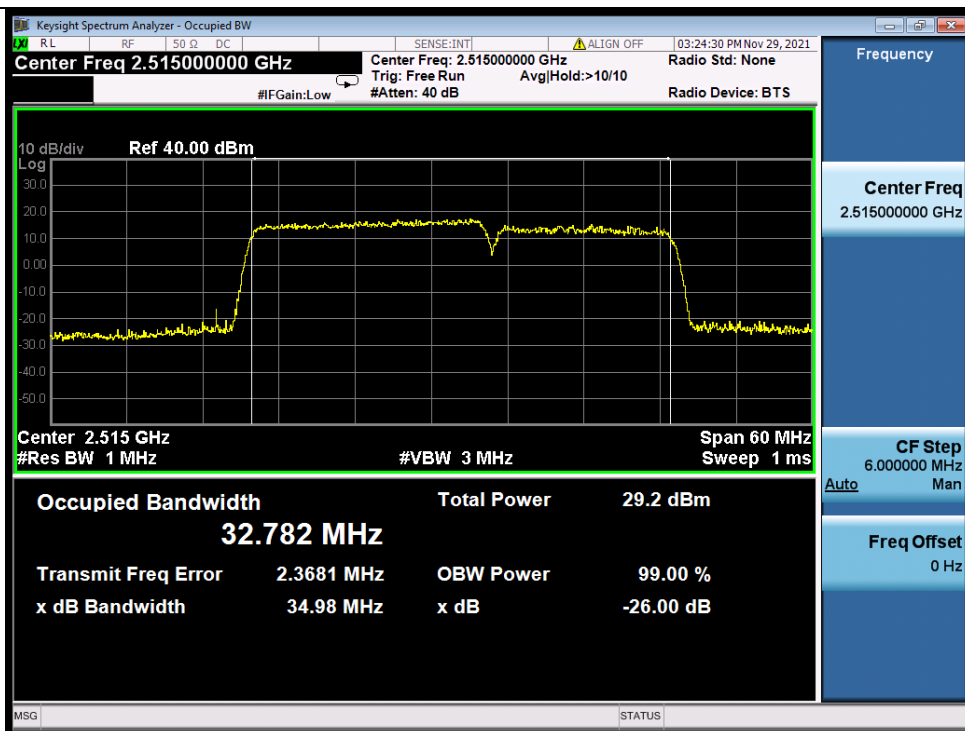
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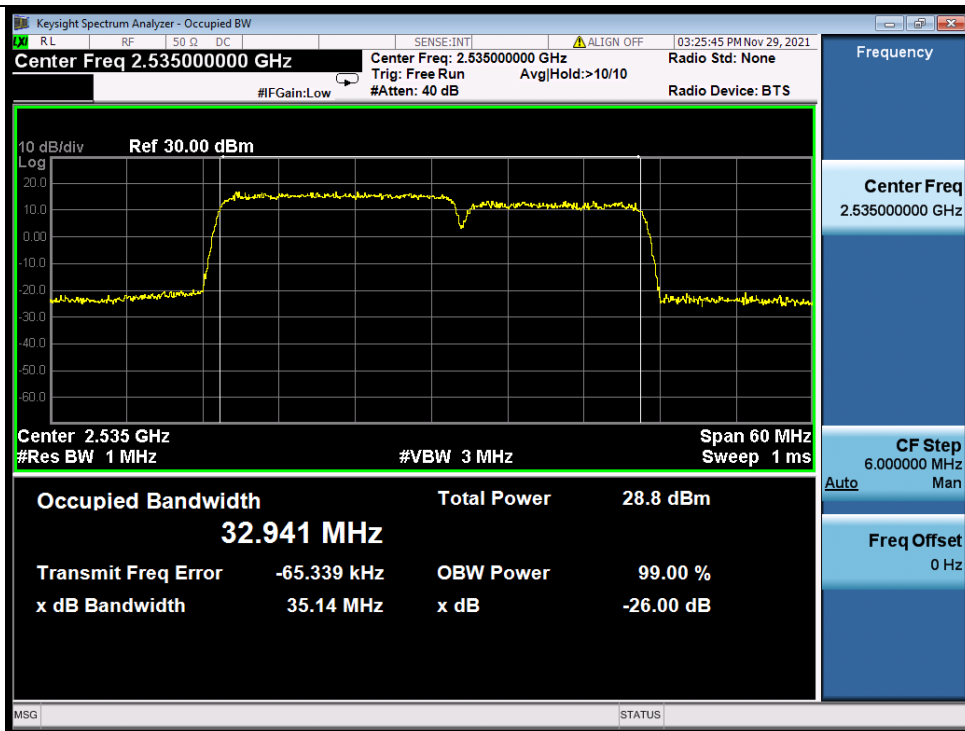
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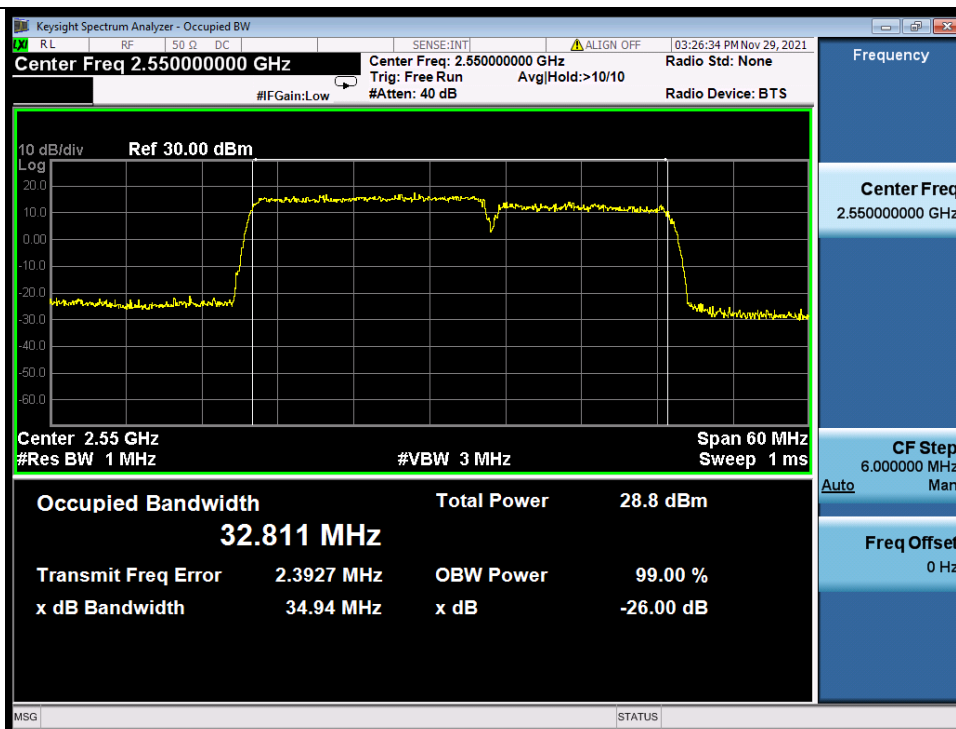
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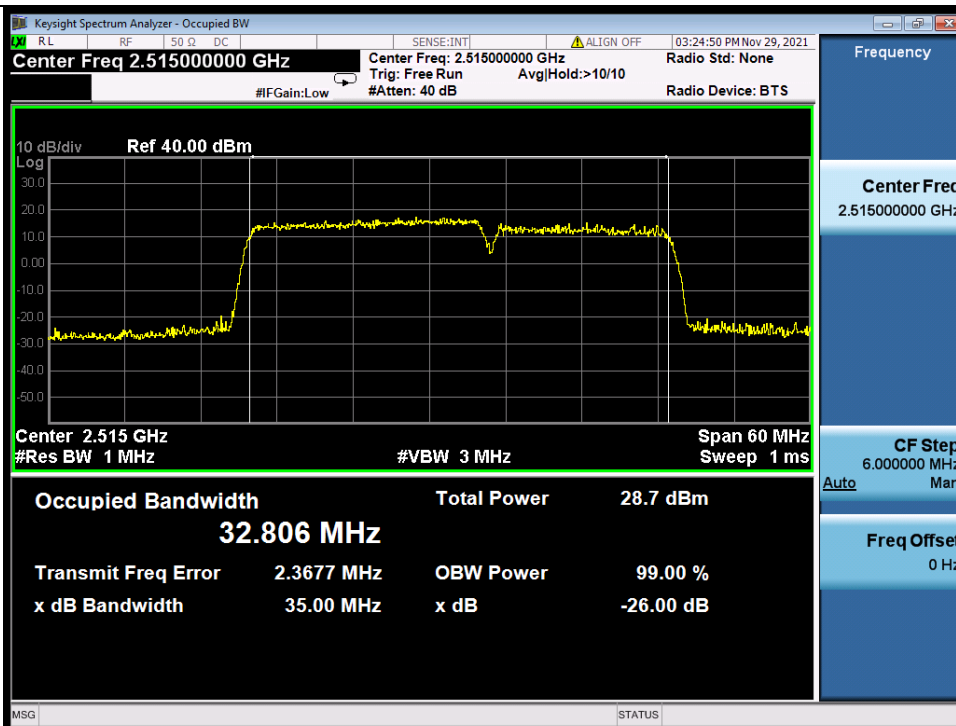
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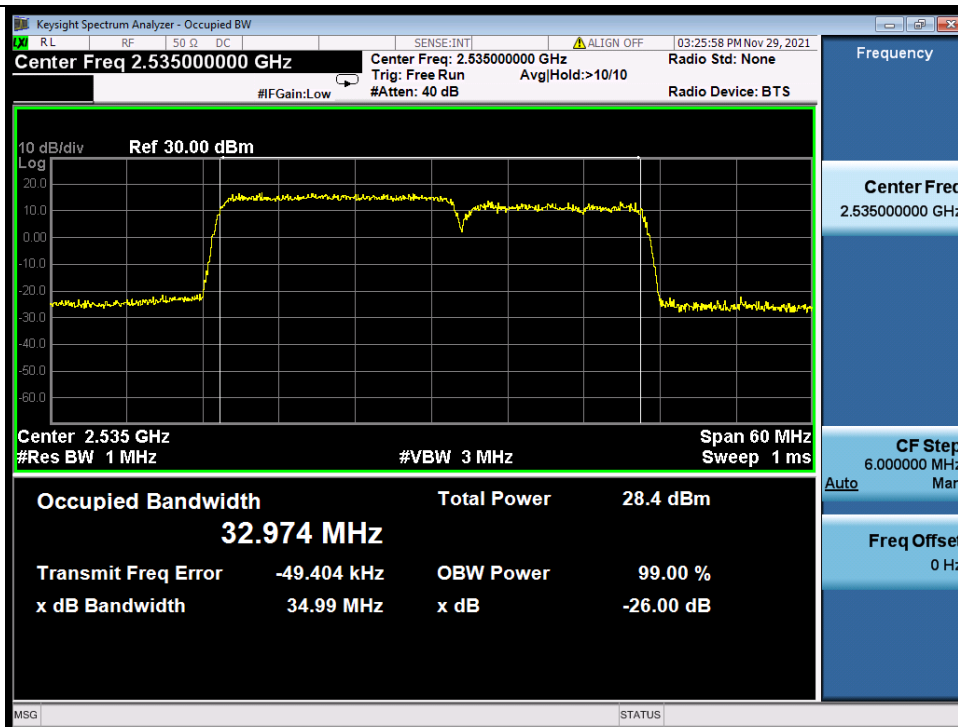


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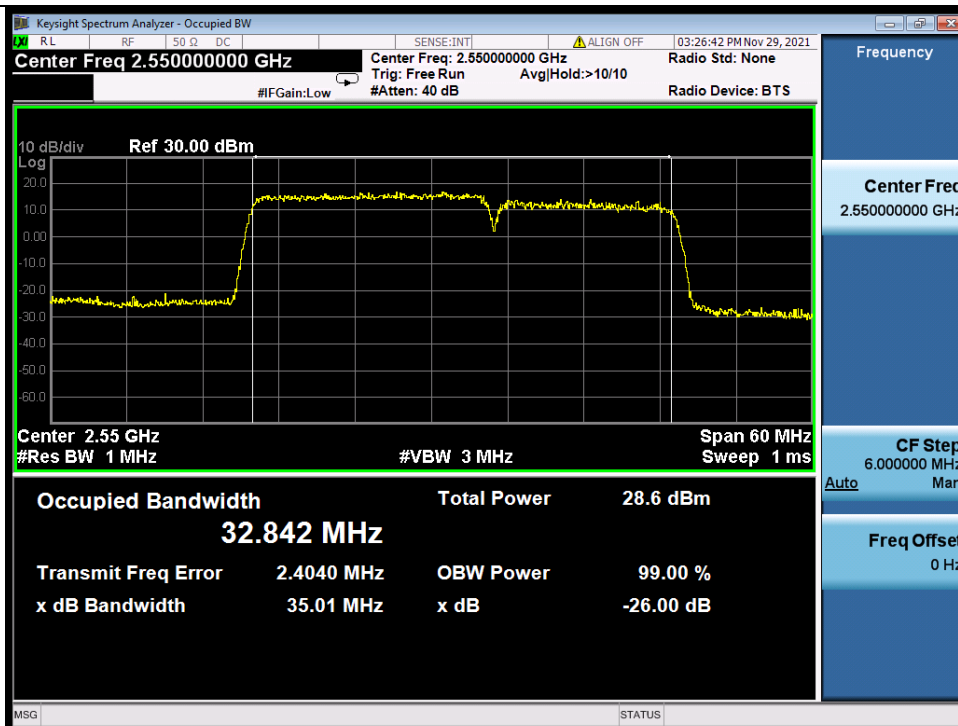


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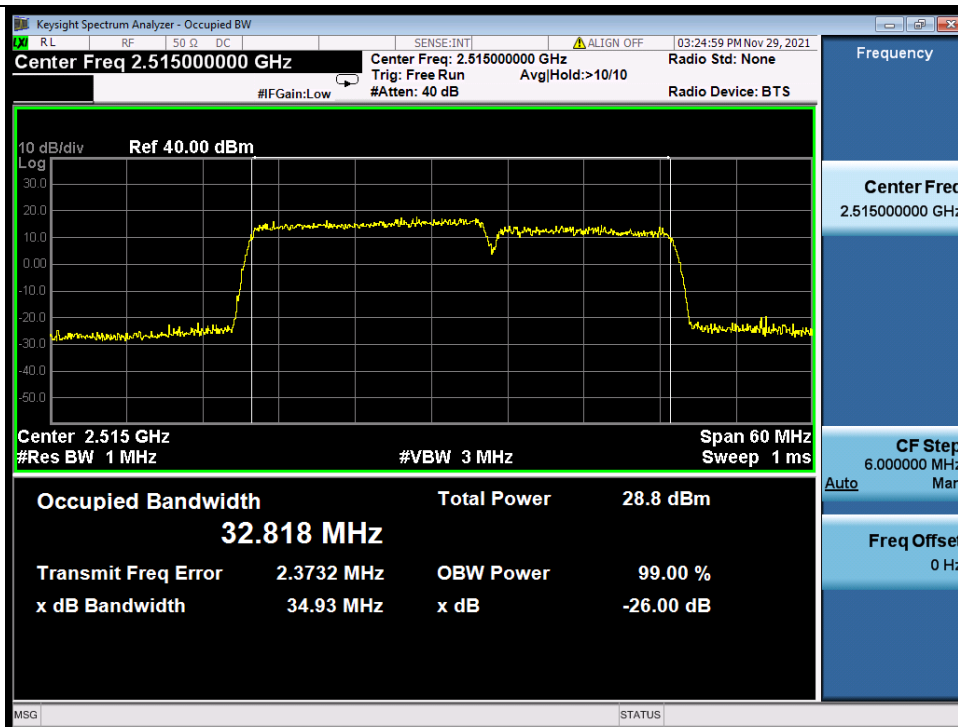
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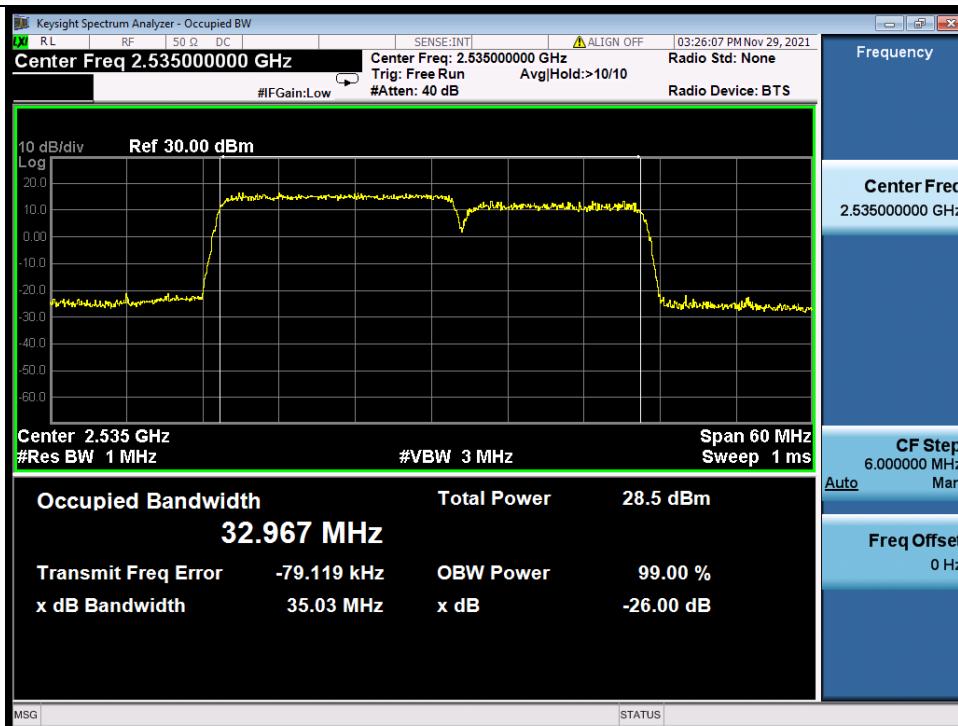
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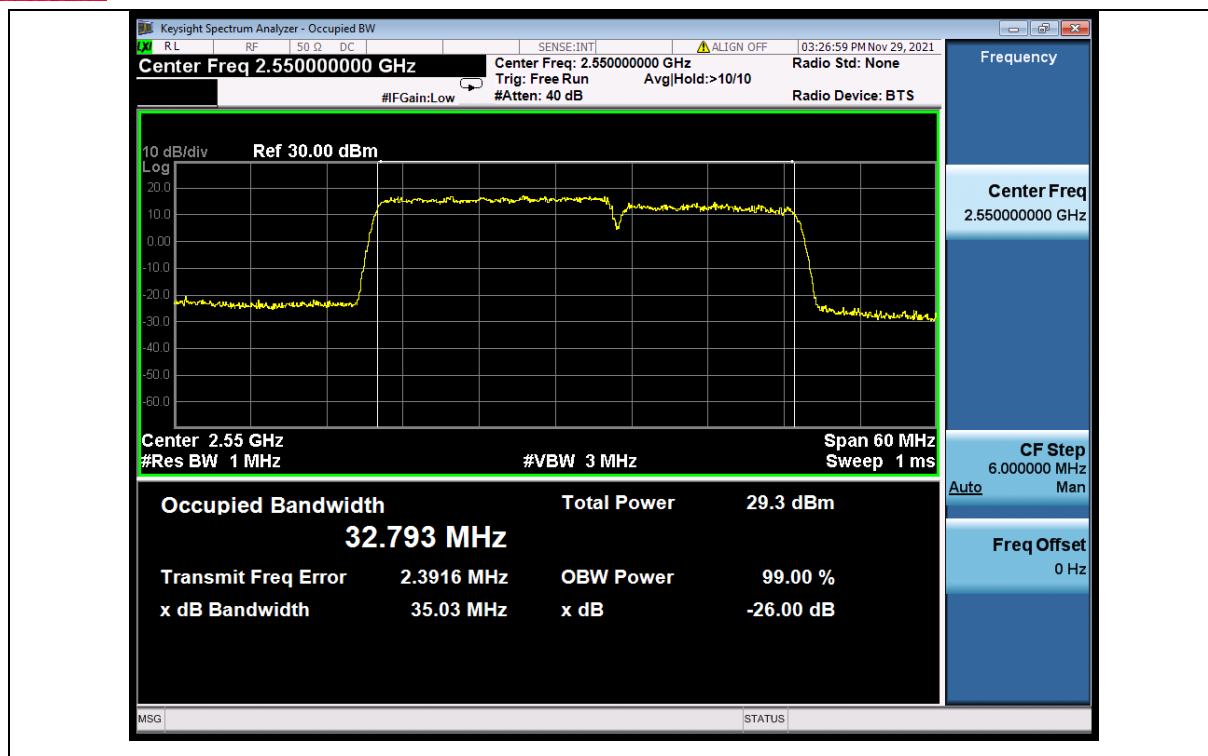
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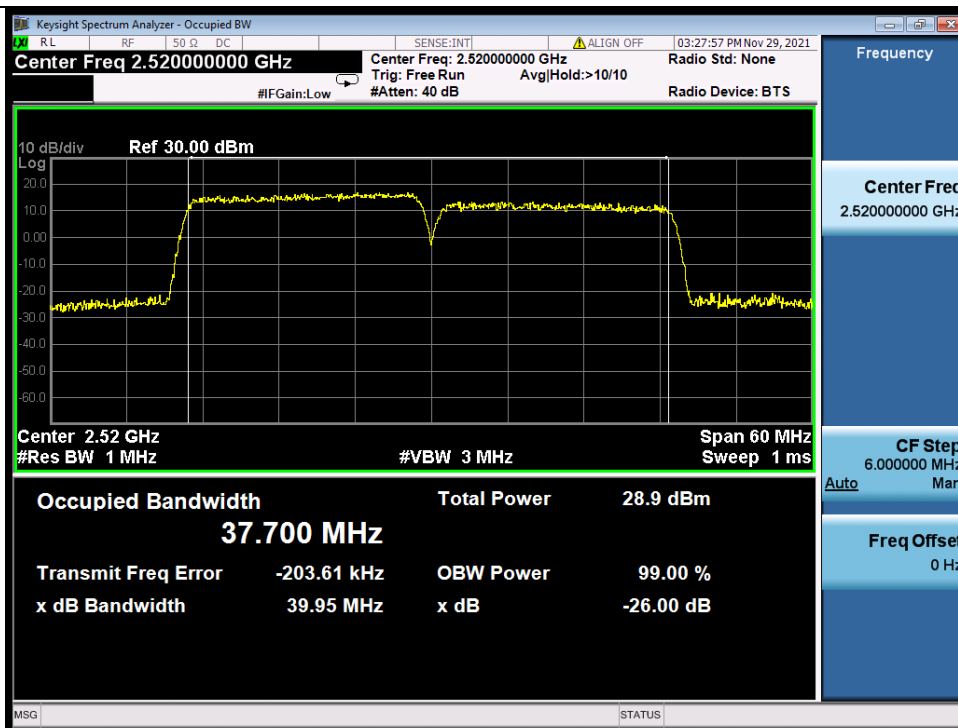
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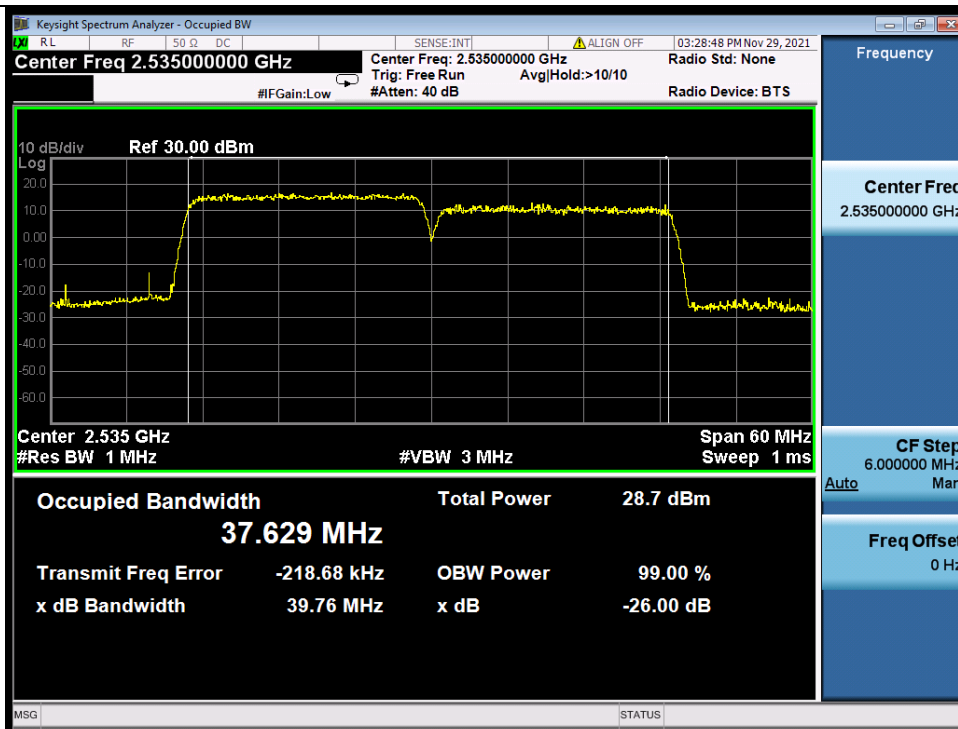
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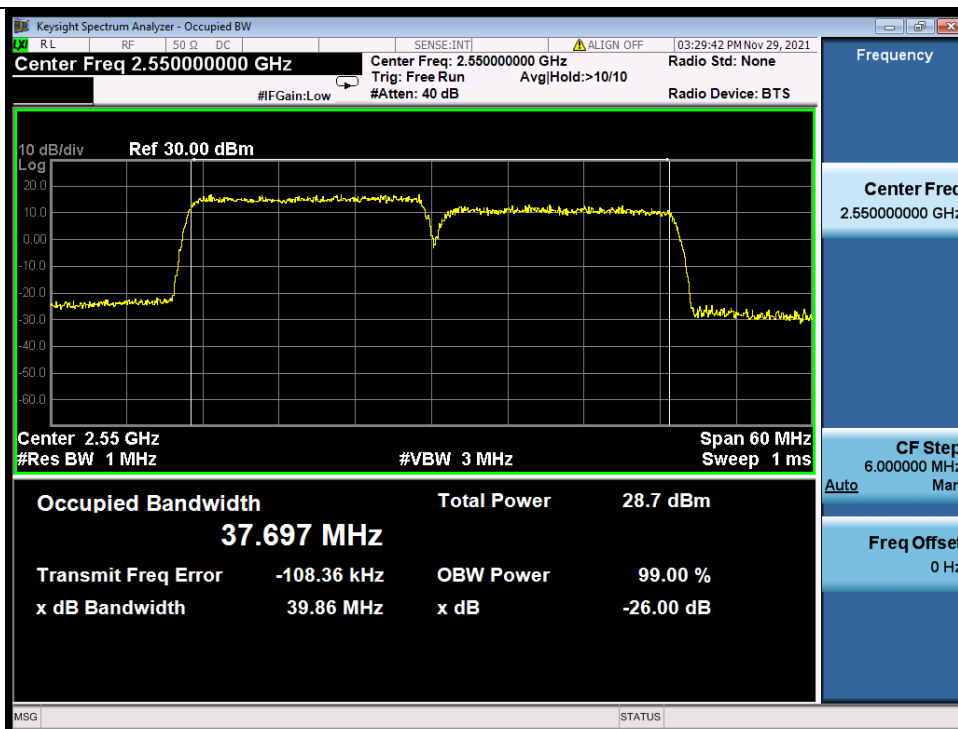
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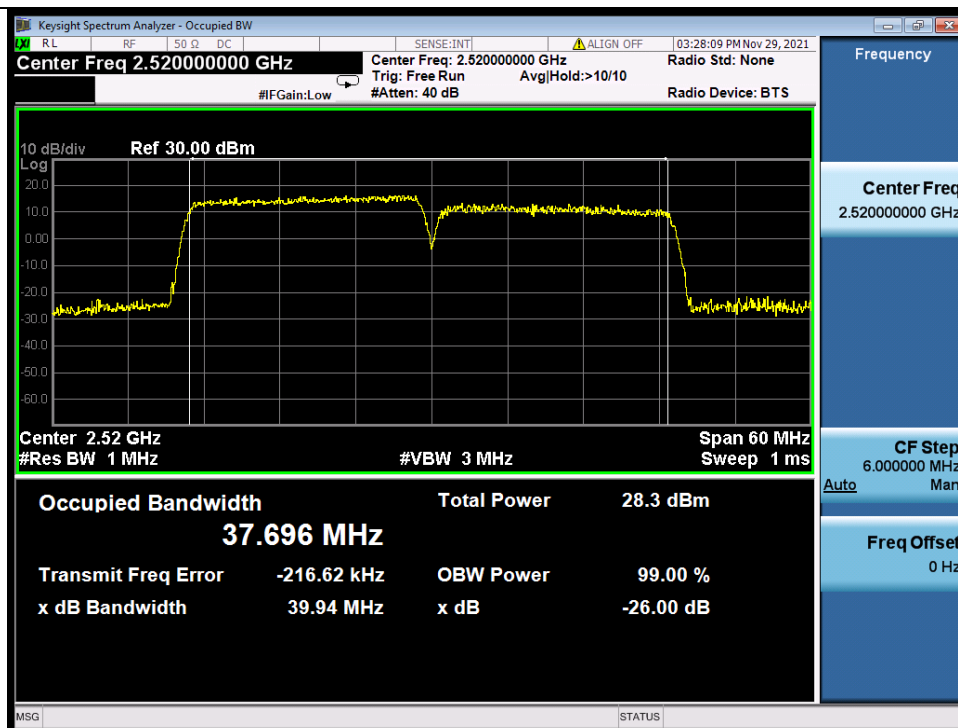
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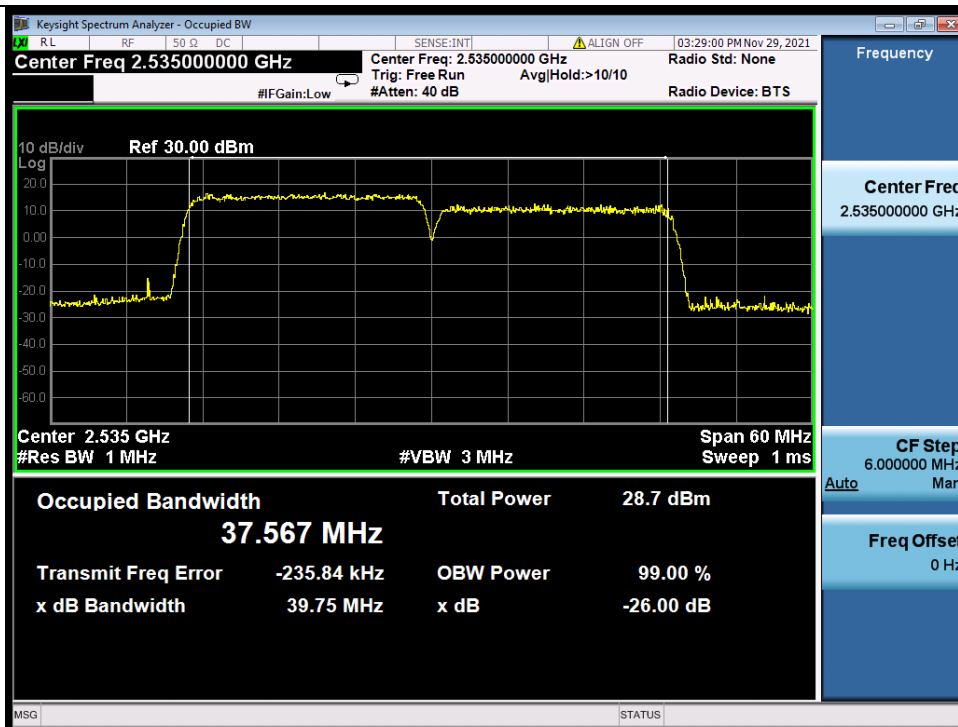
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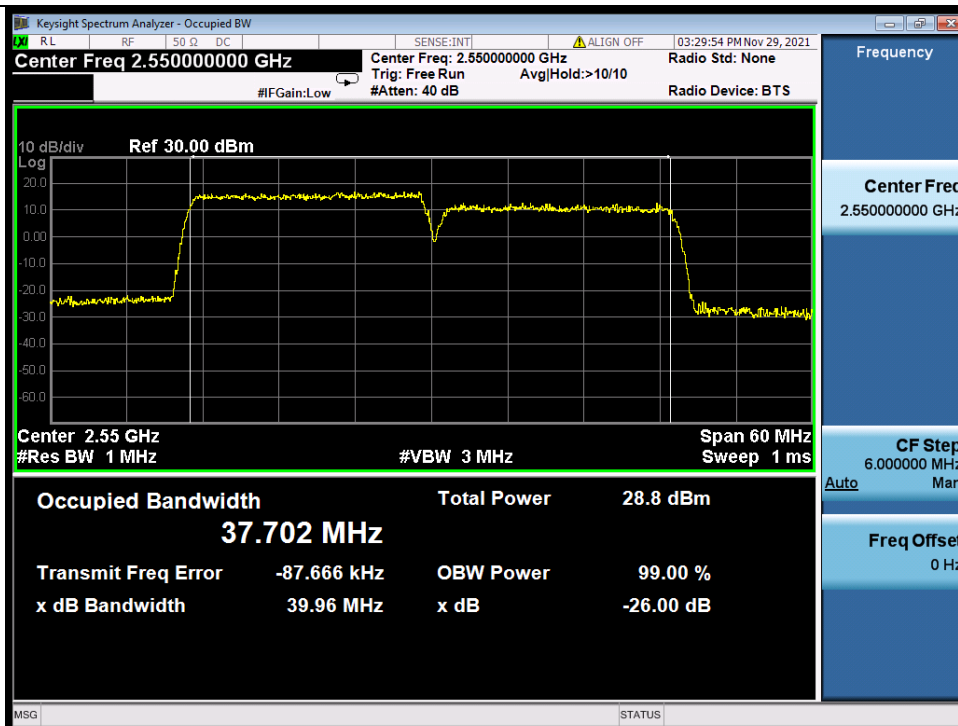
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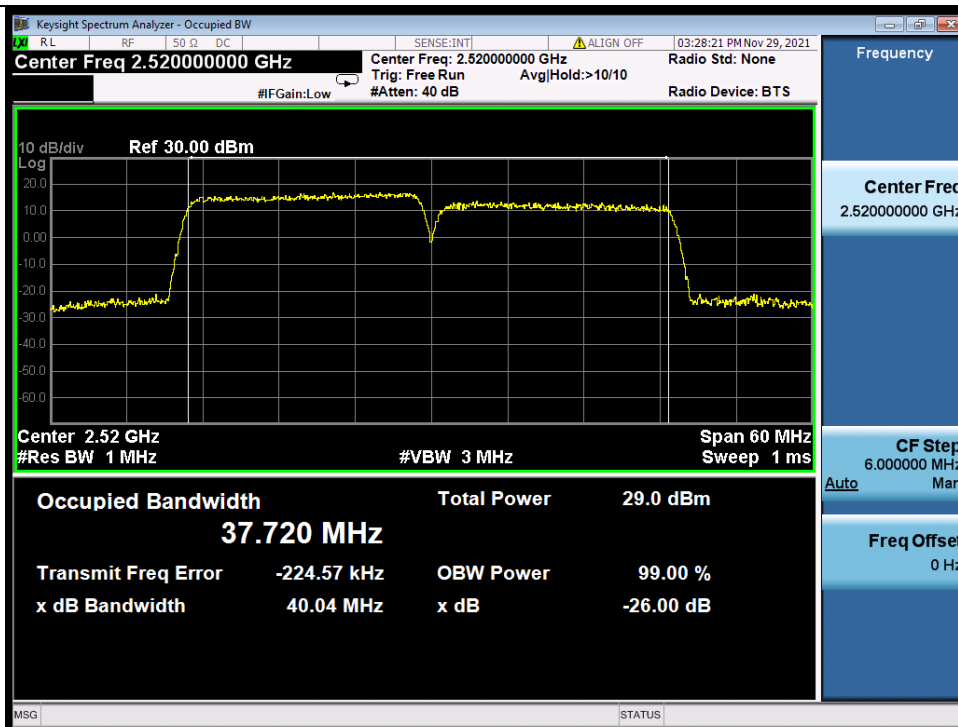
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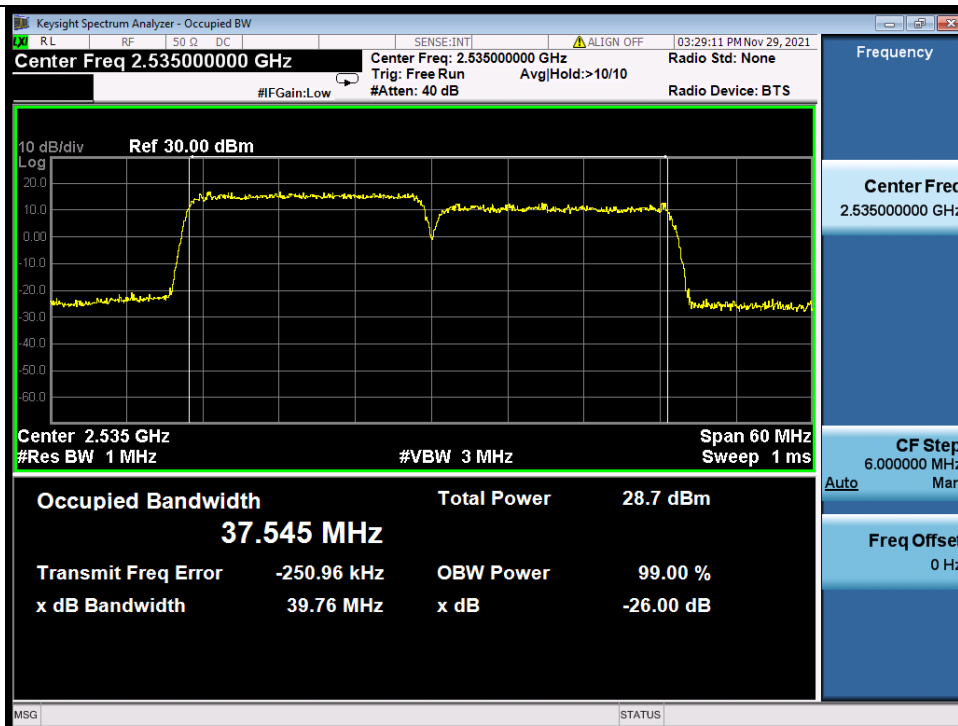
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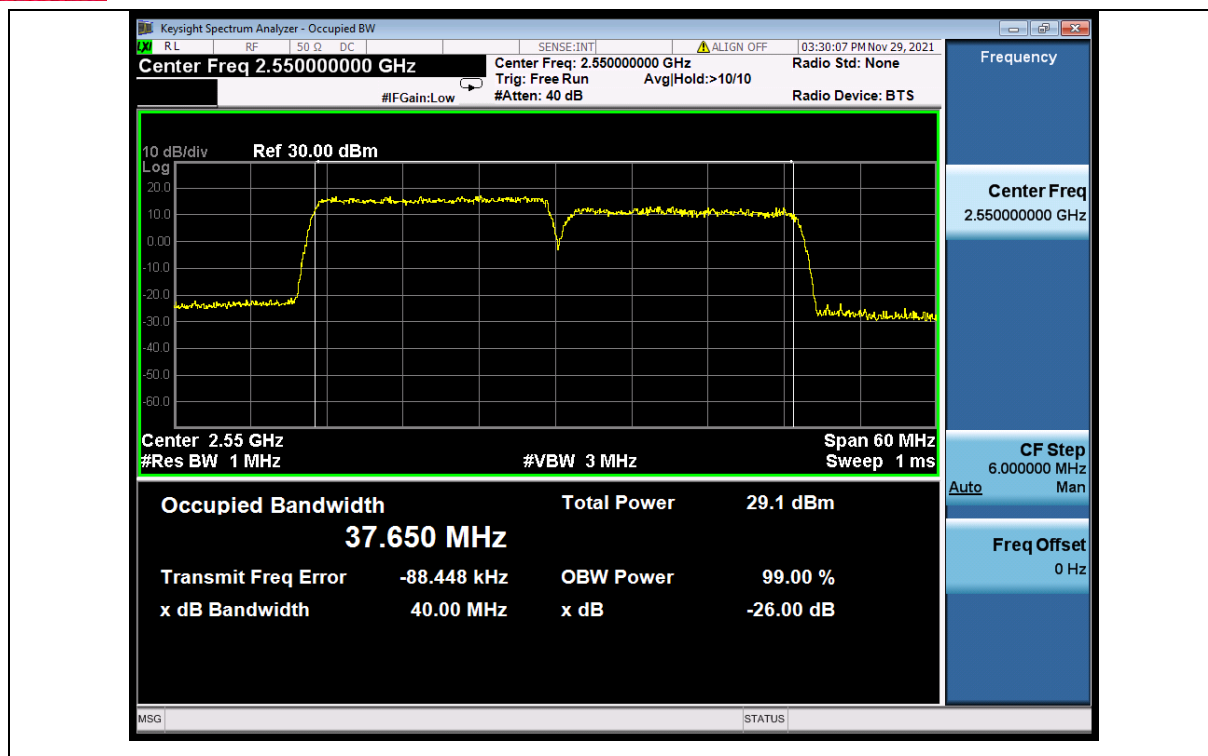
Band_7C_20MHz+20MHz_64QAM_LCH_NTNV



Band_7C_20MHz+20MHz_64QAM_MCH_NTNV



Band_7C_20MHz+20MHz_64QAM_HCH_NTNV



SPURIOUS EMISSION

TEST RESULT

Band: 7C / Bandwidth: 10MHz+20MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1/1	0/99	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	49/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1/1	0/99	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	49/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1/1	0/99	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	49/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
Band: 7C / Bandwidth: 15MHz+10MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1/1	0/49	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1/1	0/49	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass

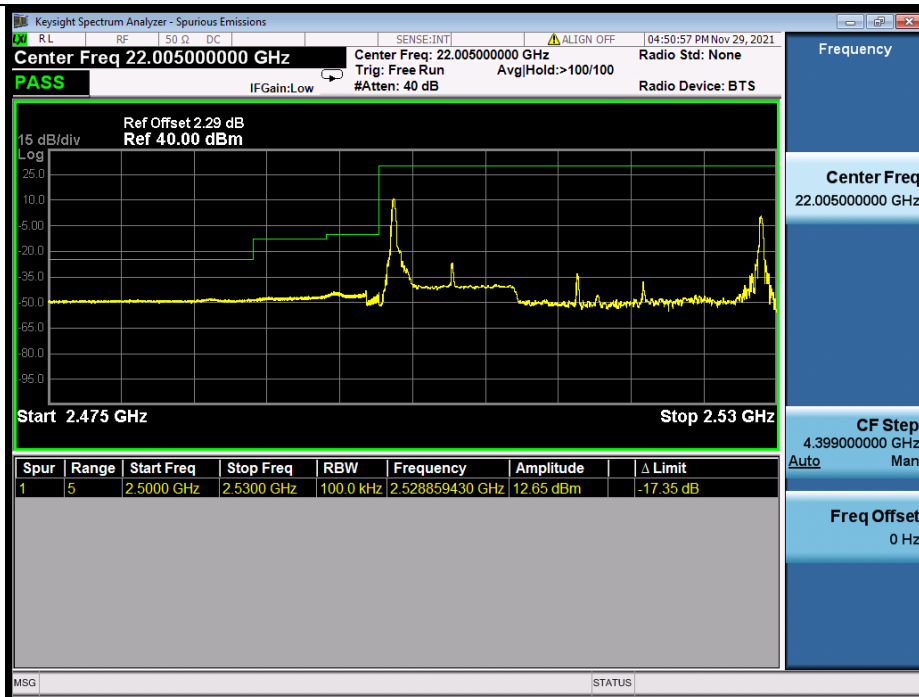
			Graph		Graph	Graph	
64QAM	1/1	0/49	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
Band: 7C / Bandwidth: 15MHz+15MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1/1	0/74	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1/1	0/74	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1/1	0/74	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
Band: 7C / Bandwidth: 15MHz+20MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1/1	0/99	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1/1	0/99	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass

			Graph		Graph	Graph	
	1/1	74/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1/1	0/99	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	74/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
Band: 7C / Bandwidth: 20MHz+10MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1/1	0/49	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1/1	0/49	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1/1	0/49	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
Band: 7C / Bandwidth: 20MHz+15MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1/1	0/74	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1/1	0/74	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass

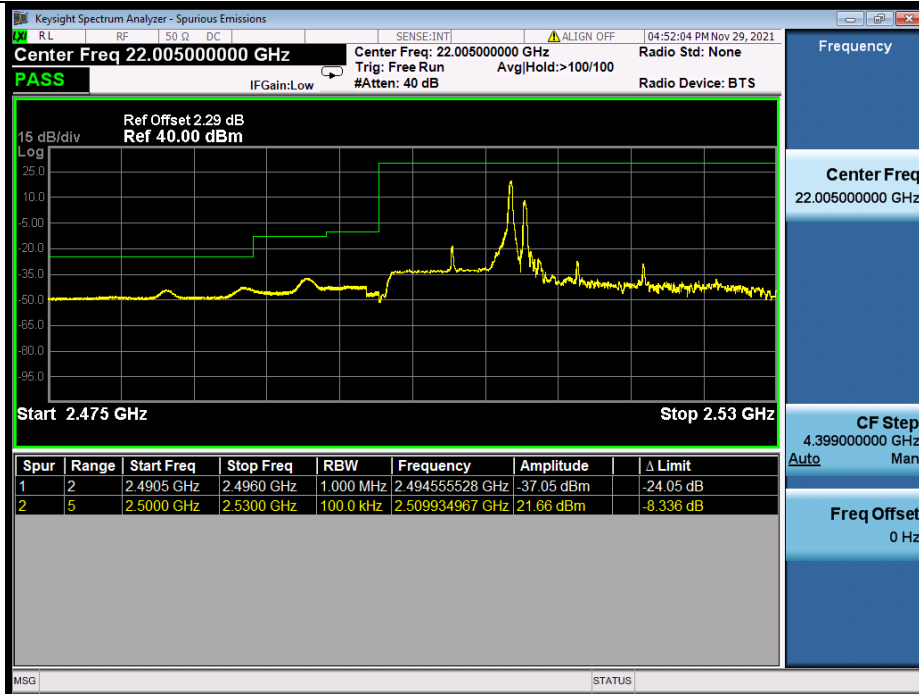
			Graph		Graph	Graph	
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1/1	0/74	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
Band: 7C / Bandwidth: 20MHz+20MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1/1	0/99	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1/1	0/99	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1/1	0/99	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1/1	0/99	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	FULL	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1/1	99/0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass

Test Graph

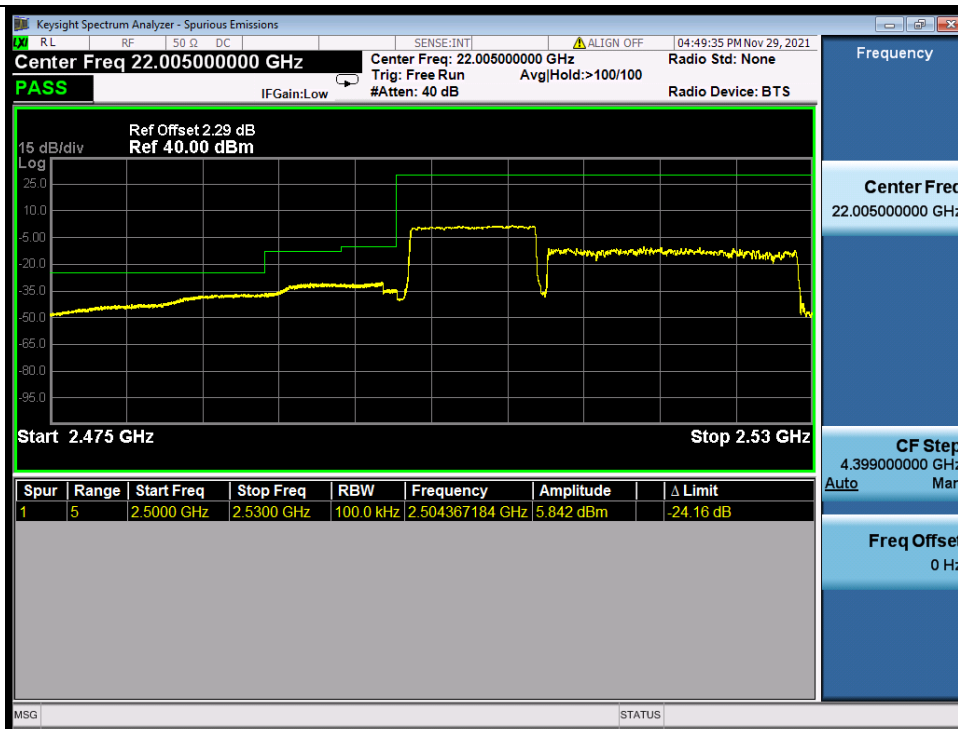
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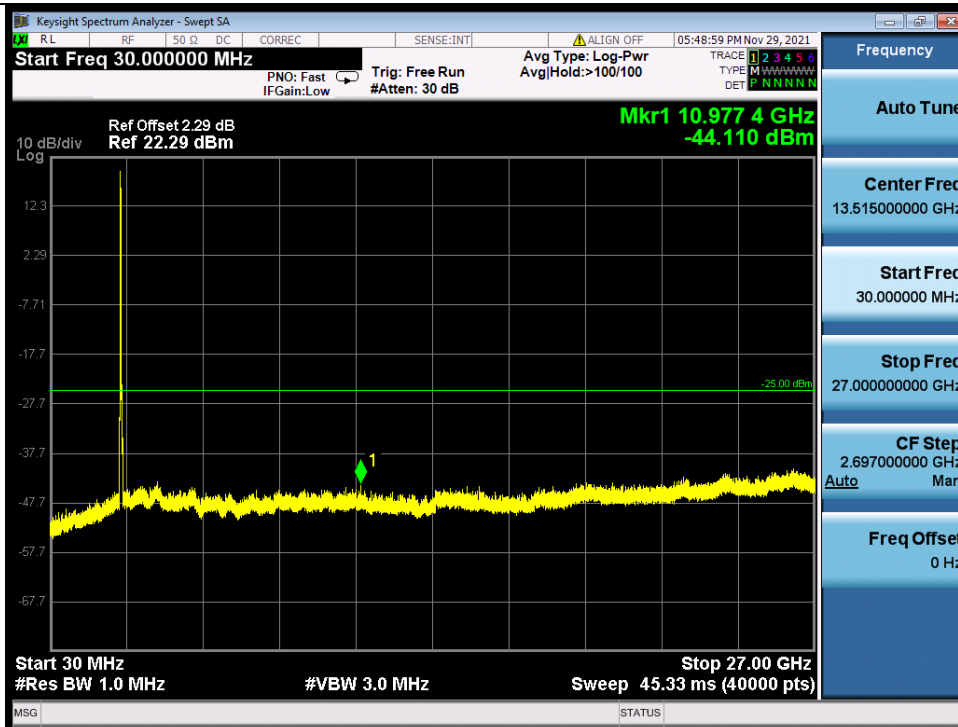
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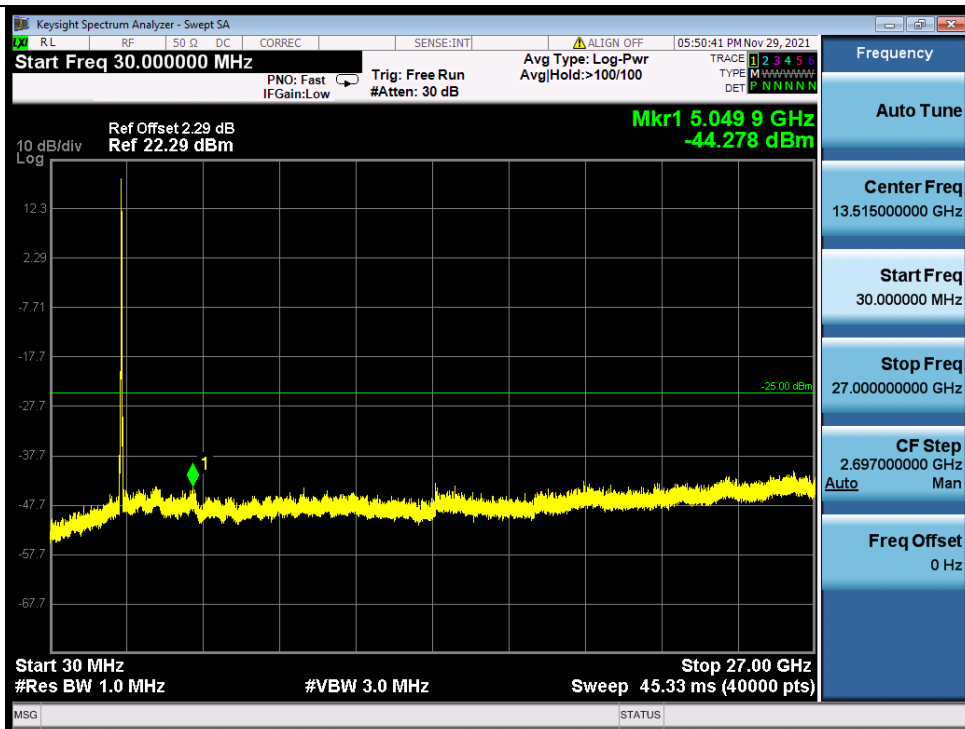
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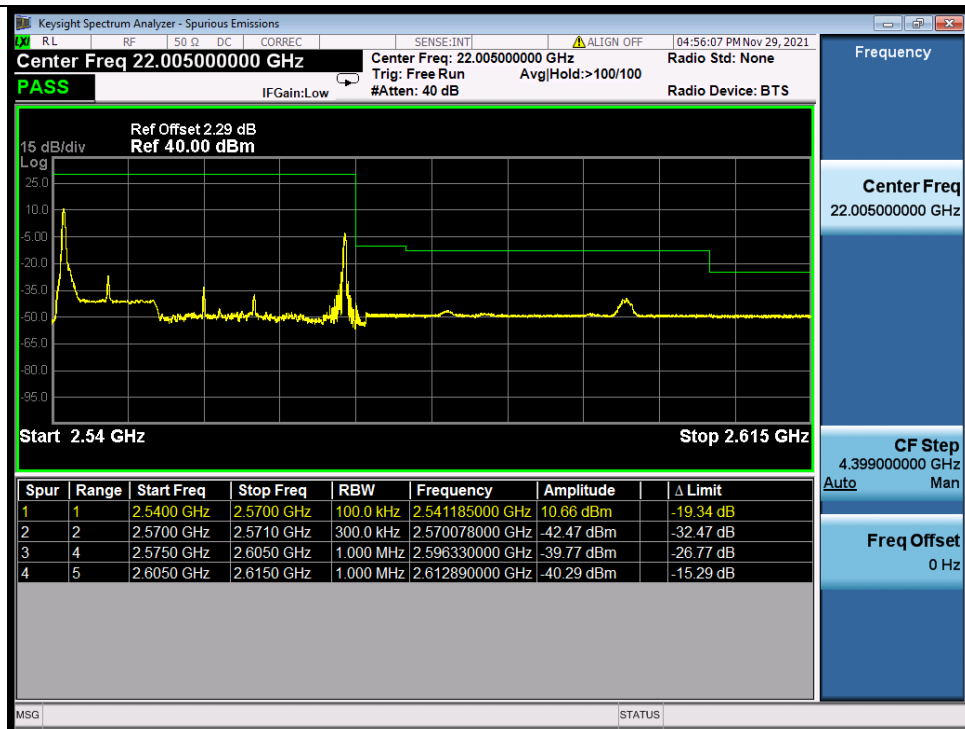
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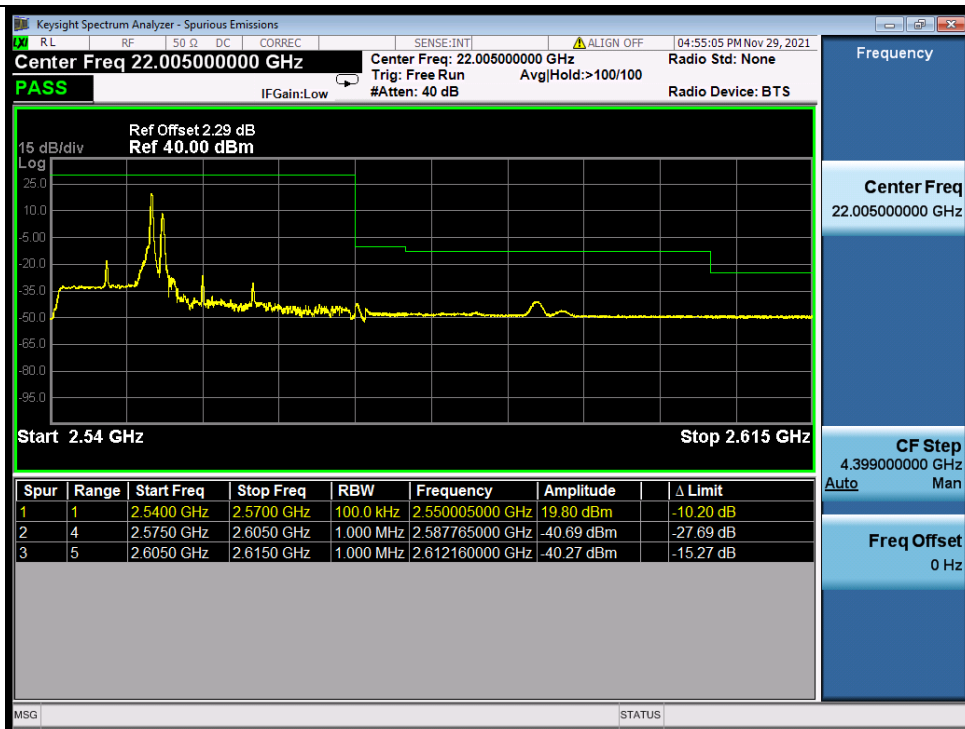
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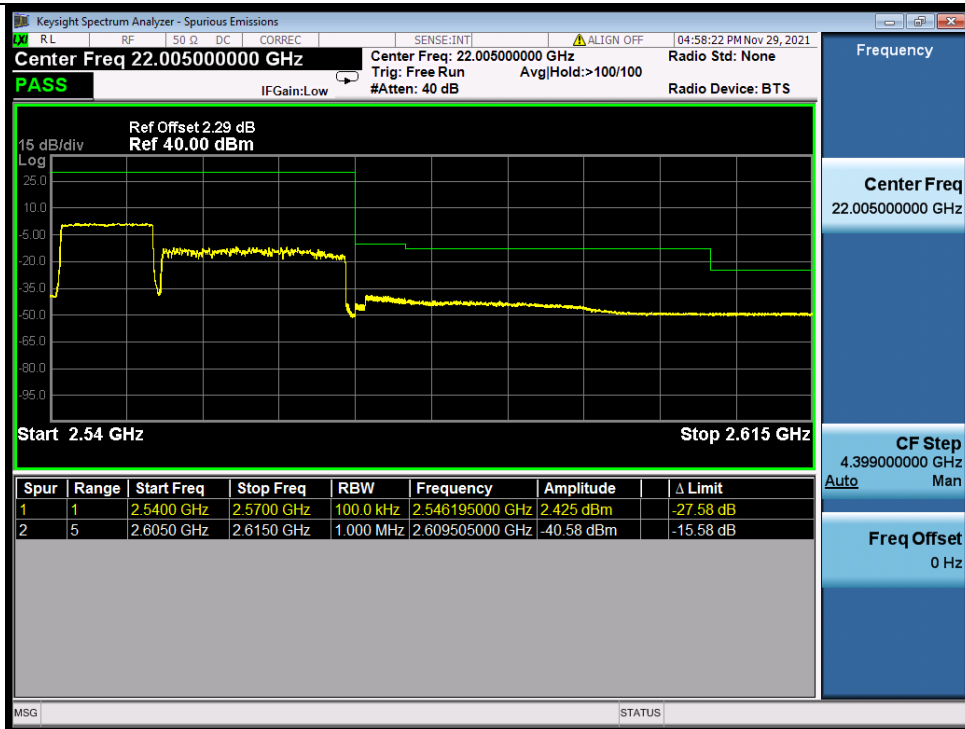
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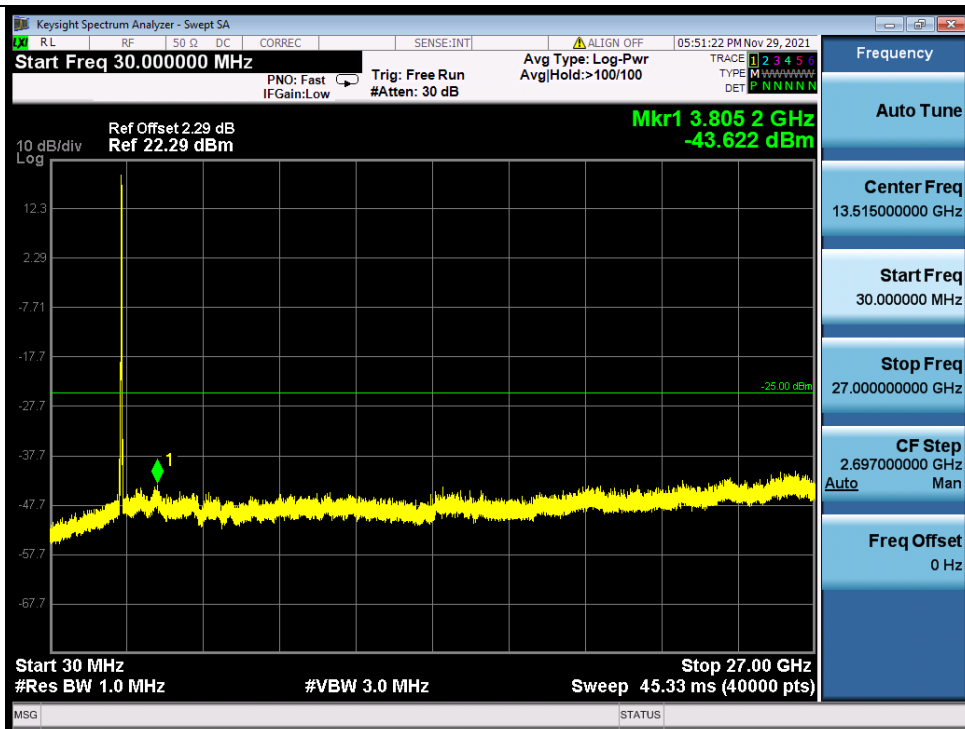
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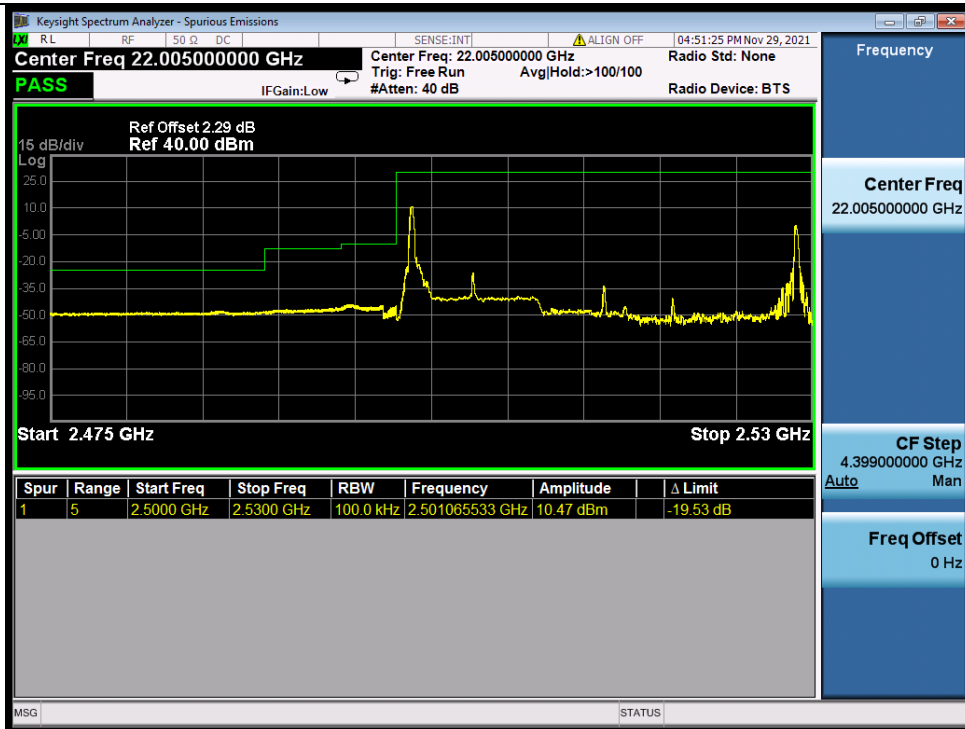
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Band_7C_QPSK_HCH_10MHz+20MHz_ NTNV



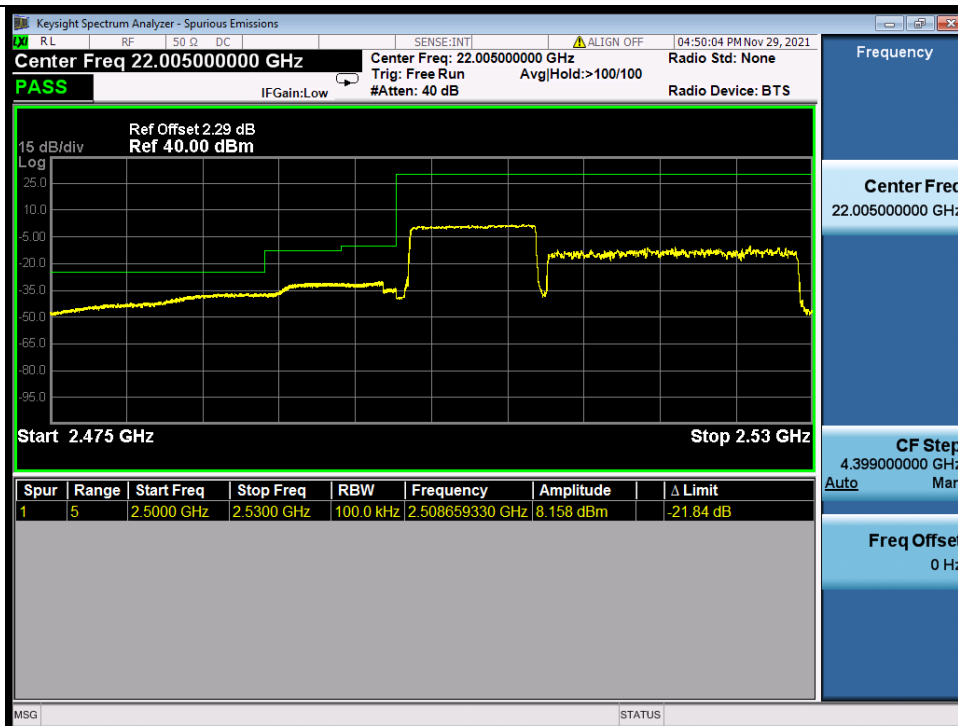
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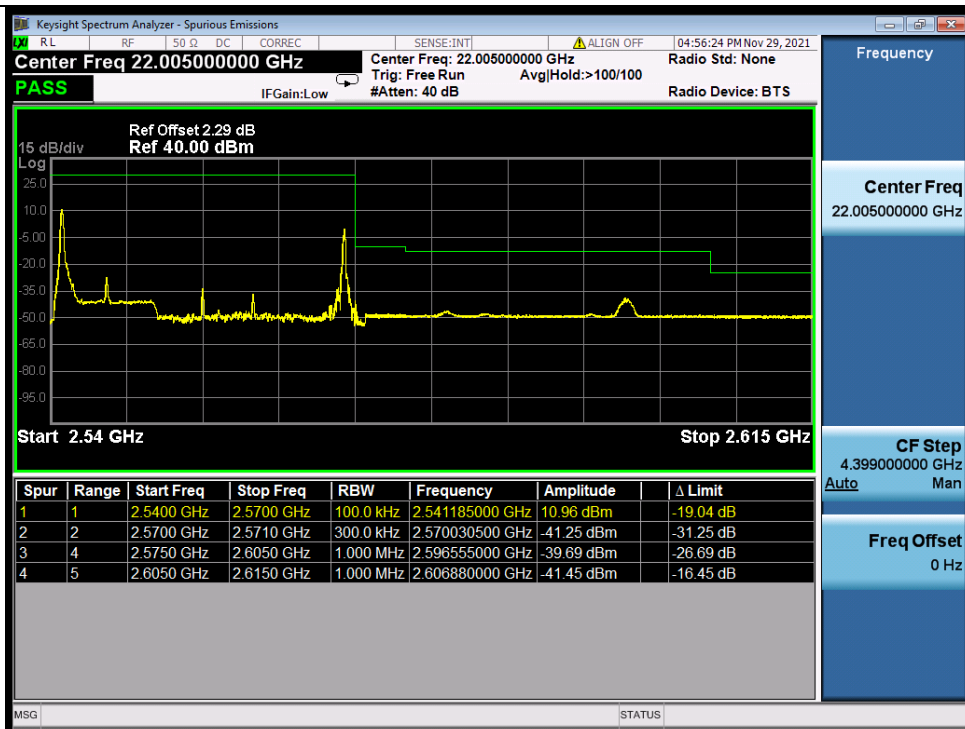
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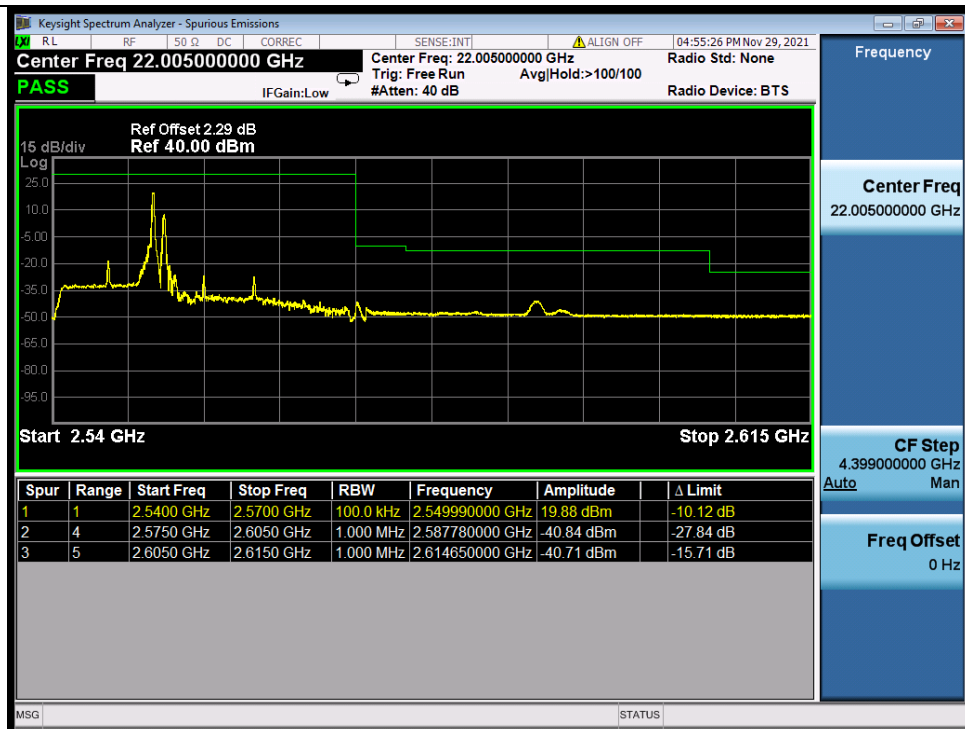
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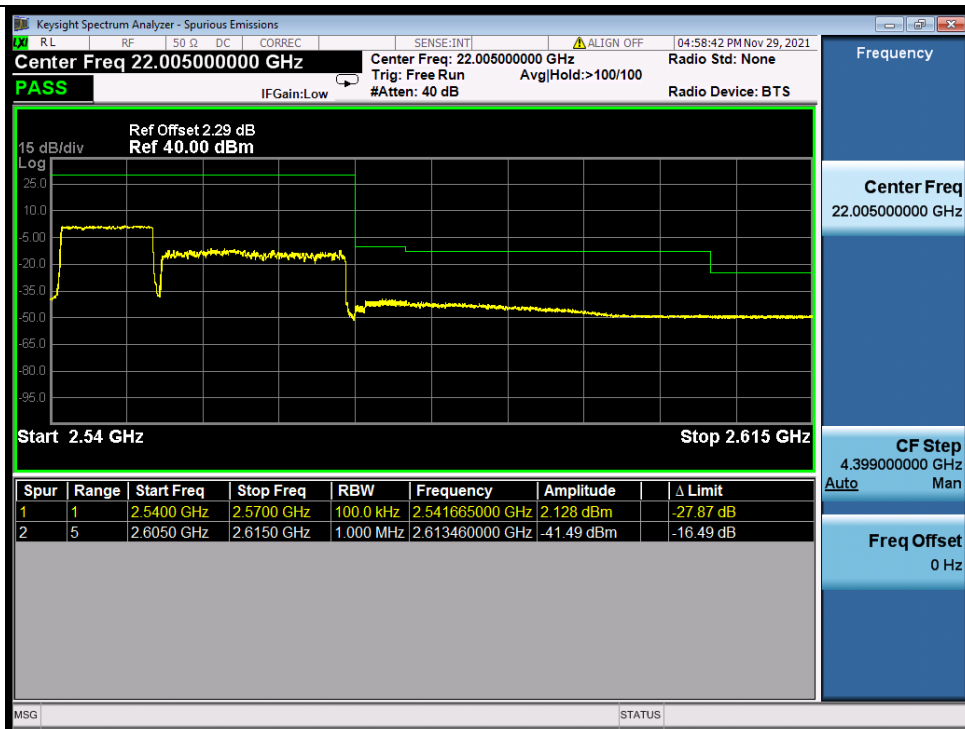
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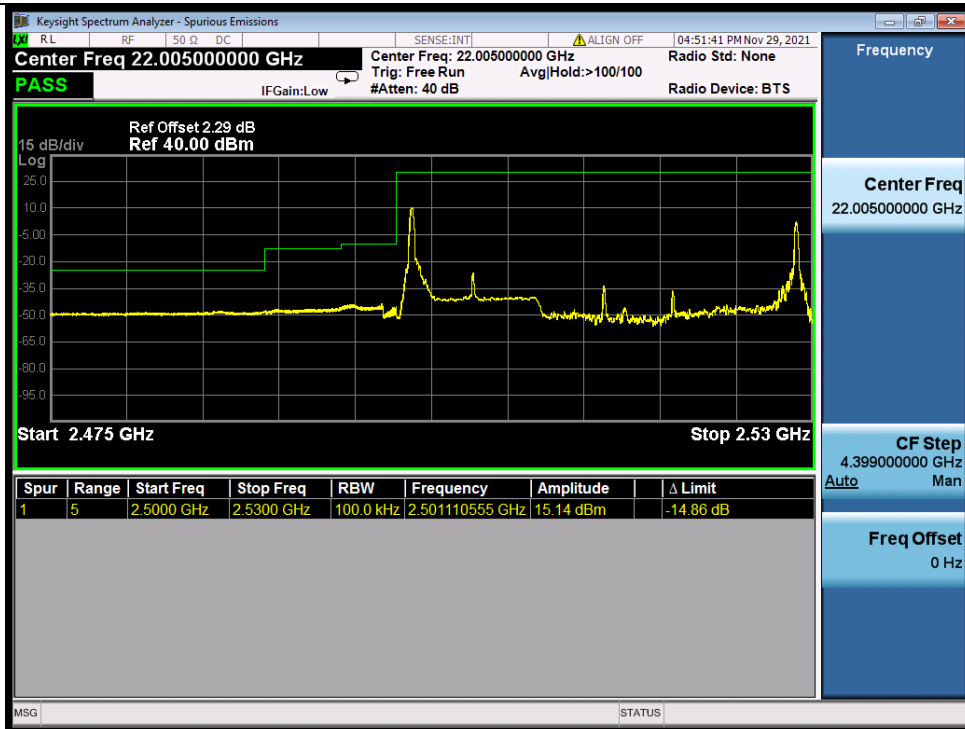
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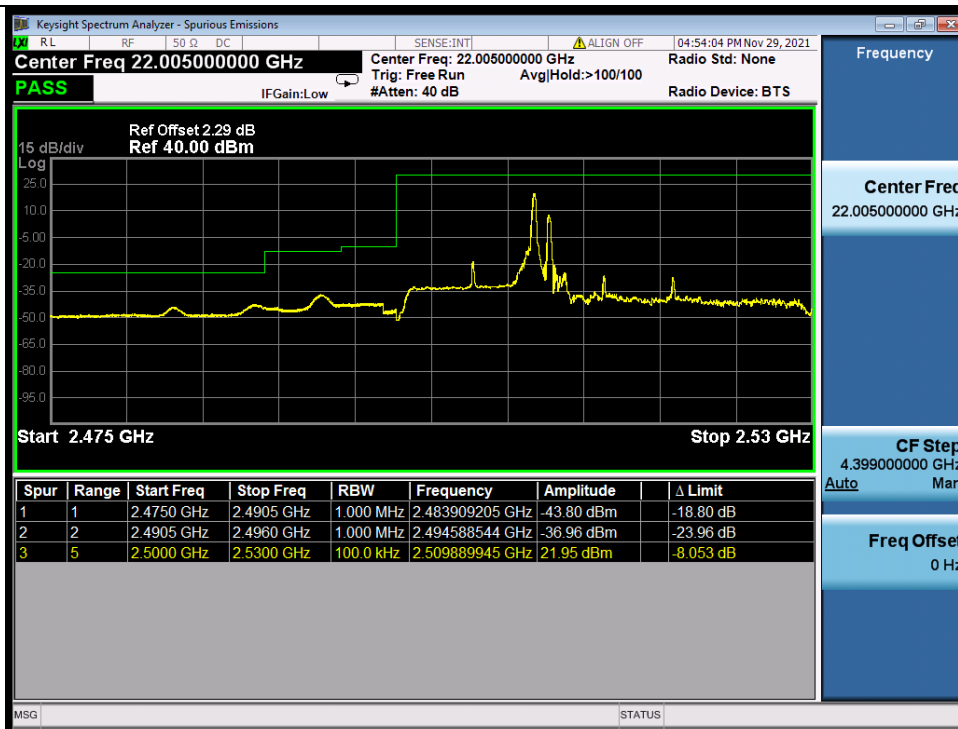
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Band_7C_64QAM_LCH_10MHz+20MHz_RB_1_49/1_0_NTNV



Band_7C_64QAM_LCH_10MHz+20MHz_RB_FULL_0_NTNV



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