

1. Bandwidth Data

SISO Main:

LTE TDD Band 48, Nominal Bandwidth: 5MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	4.5257	5.304	/	/	Pass
	M	Full	0	4.5183	5.305	/	/	Pass
	H	Full	0	4.5198	5.315	/	/	Pass
64QAM	L	Full	0	4.5557	5.417	/	/	Pass
	M	Full	0	4.5497	5.436	/	/	Pass
	H	Full	0	4.5316	5.315	/	/	Pass
QPSK	L	Full	0	4.5308	5.337	/	/	Pass
	M	Full	0	4.5178	5.207	/	/	Pass
	H	Full	0	4.5168	5.350	/	/	Pass

LTE TDD Band 48, Nominal Bandwidth: 10MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	8.9249	9.664	/	/	Pass
	M	Full	0	8.9119	9.706	/	/	Pass
	H	Full	0	8.9316	9.720	/	/	Pass
64QAM	L	Full	0	8.9228	9.695	/	/	Pass
	M	Full	0	8.9105	9.587	/	/	Pass
	H	Full	0	8.9165	9.651	/	/	Pass
QPSK	L	Full	0	8.9159	9.773	/	/	Pass
	M	Full	0	8.9299	9.814	/	/	Pass
	H	Full	0	8.9237	9.708	/	/	Pass

LTE TDD Band 48, Nominal Bandwidth: 15MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	13.426	14.71	/	/	Pass
	M	Full	0	13.434	14.71	/	/	Pass
	H	Full	0	13.411	14.72	/	/	Pass
64QAM	L	Full	0	13.380	14.58	/	/	Pass
	M	Full	0	13.423	14.61	/	/	Pass
	H	Full	0	13.365	14.87	/	/	Pass
QPSK	L	Full	0	13.431	14.78	/	/	Pass
	M	Full	0	13.366	14.65	/	/	Pass
	H	Full	0	13.437	14.75	/	/	Pass

LTE TDD Band 48, Nominal Bandwidth: 20MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	17.799	19.09	/	/	Pass
	M	Full	0	17.842	19.07	/	/	Pass
	H	Full	0	17.839	19.18	/	/	Pass
64QAM	L	Full	0	17.774	19.02	/	/	Pass
	M	Full	0	17.846	19.25	/	/	Pass

	H	Full	0	17.855	19.13	/	/	Pass
QPSK	L	Full	0	17.861	18.94	/	/	Pass
	M	Full	0	17.800	19.10	/	/	Pass
	H	Full	0	17.808	19.08	/	/	Pass

LTE TDD Band 48, Nominal Bandwidth: 5-20MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	22.763	24.10	/	/	Pass
	M	Full	0	22.810	24.05	/	/	Pass
	H	Full	0	22.747	23.96	/	/	Pass
64QAM	L	Full	0	22.801	24.24	/	/	Pass
	M	Full	0	22.785	23.97	/	/	Pass
	H	Full	0	22.787	24.43	/	/	Pass
QPSK	L	Full	0	22.765	24.08	/	/	Pass
	M	Full	0	22.747	23.90	/	/	Pass
	H	Full	0	22.716	23.87	/	/	Pass

LTE TDD Band 48, Nominal Bandwidth: 20-5MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	22.805	24.11	/	/	Pass
	M	Full	0	22.781	24.03	/	/	Pass
	H	Full	0	22.760	24.01	/	/	Pass
64QAM	L	Full	0	22.795	24.13	/	/	Pass
	M	Full	0	22.832	24.46	/	/	Pass
	H	Full	0	22.763	24.17	/	/	Pass
QPSK	L	Full	0	22.751	23.91	/	/	Pass
	M	Full	0	22.799	23.92	/	/	Pass
	H	Full	0	22.713	23.91	/	/	Pass

LTE TDD Band 48, Nominal Bandwidth: 10-20MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	27.659	29.26	/	/	Pass
	M	Full	0	27.741	29.18	/	/	Pass
	H	Full	0	27.581	28.95	/	/	Pass
64QAM	L	Full	0	27.631	28.99	/	/	Pass
	M	Full	0	27.647	29.05	/	/	Pass
	H	Full	0	27.660	29.03	/	/	Pass
QPSK	L	Full	0	27.590	28.95	/	/	Pass
	M	Full	0	27.589	29.02	/	/	Pass
	H	Full	0	27.619	28.97	/	/	Pass

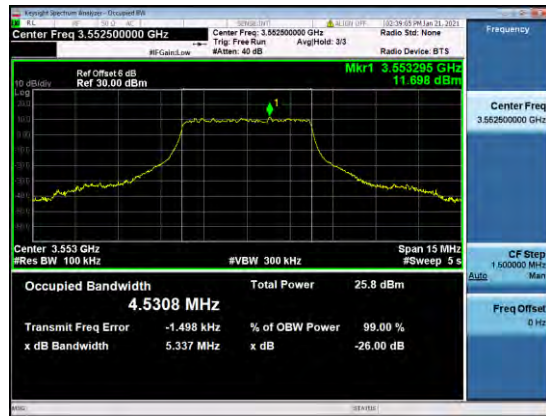
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Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	27.663	29.11	/	/	Pass
	M	Full	0	27.648	28.99	/	/	Pass
	H	Full	0	27.580	28.90	/	/	Pass
64QAM	L	Full	0	27.672	28.95	/	/	Pass
	M	Full	0	27.675	28.95	/	/	Pass
	H	Full	0	27.659	29.19	/	/	Pass
QPSK	L	Full	0	27.632	28.99	/	/	Pass
	M	Full	0	27.641	29.01	/	/	Pass
	H	Full	0	27.604	28.93	/	/	Pass

LTE TDD Band 48, Nominal Bandwidth: 15-20MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	32.565	34.46	/	/	Pass
	M	Full	0	32.617	34.31	/	/	Pass
	H	Full	0	32.528	34.55	/	/	Pass
64QAM	L	Full	0	32.565	34.54	/	/	Pass
	M	Full	0	32.511	34.34	/	/	Pass
	H	Full	0	32.534	34.32	/	/	Pass
QPSK	L	Full	0	32.559	34.34	/	/	Pass
	M	Full	0	32.481	34.30	/	/	Pass
	H	Full	0	32.545	34.37	/	/	Pass

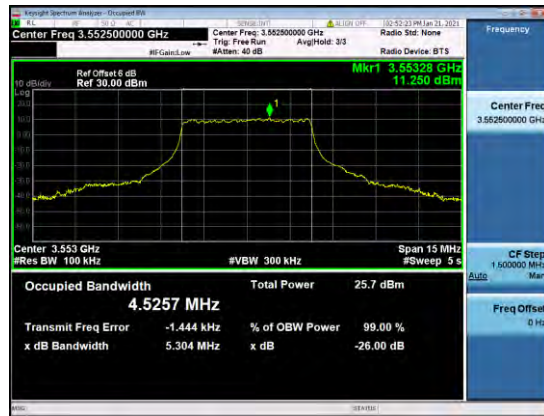
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		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	32.599	34.38	/	/	Pass
	M	Full	0	32.555	35.13	/	/	Pass
	H	Full	0	32.548	34.37	/	/	Pass
64QAM	L	Full	0	32.637	34.32	/	/	Pass
	M	Full	0	32.602	34.31	/	/	Pass
	H	Full	0	32.476	34.34	/	/	Pass
QPSK	L	Full	0	32.578	34.40	/	/	Pass
	M	Full	0	32.555	35.10	/	/	Pass
	H	Full	0	32.545	34.35	/	/	Pass

LTE TDD Band 48, Nominal Bandwidth: 20-20MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	37.394	39.13	/	/	Pass
	M	Full	0	37.274	39.18	/	/	Pass
	H	Full	0	37.235	39.15	/	/	Pass
64QAM	L	Full	0	37.359	39.19	/	/	Pass
	M	Full	0	37.313	39.14	/	/	Pass
	H	Full	0	37.281	39.16	/	/	Pass
QPSK	L	Full	0	37.380	39.17	/	/	Pass
	M	Full	0	37.267	39.16	/	/	Pass
	H	Full	0	37.273	39.11	/	/	Pass

B48-5M-OBW-L-QPSK



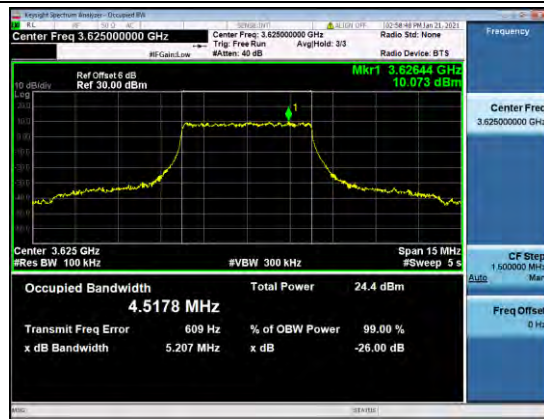
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B48-5M-OBW-L-Q64



B48-5M-OBW-M-QPSK



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B48-5M-OBW-M-Q64



B48-5M-OBW-H-QPSK

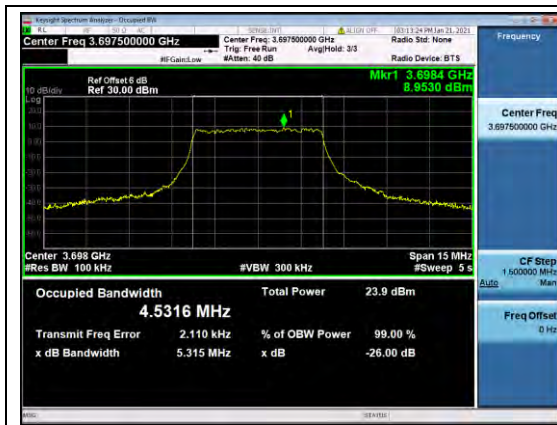


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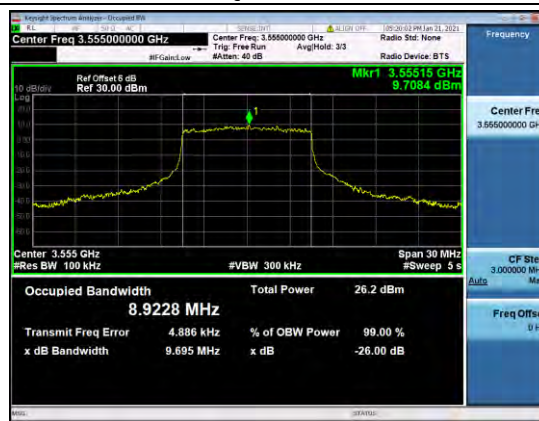
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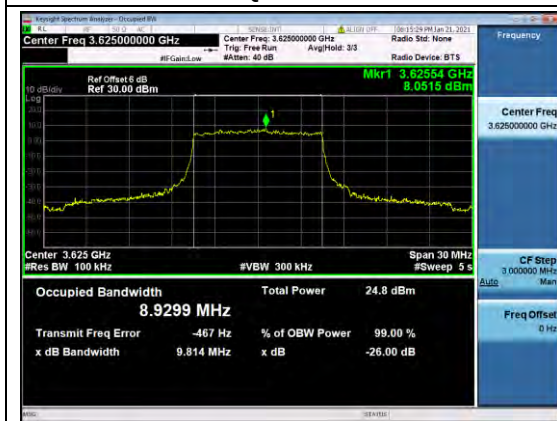
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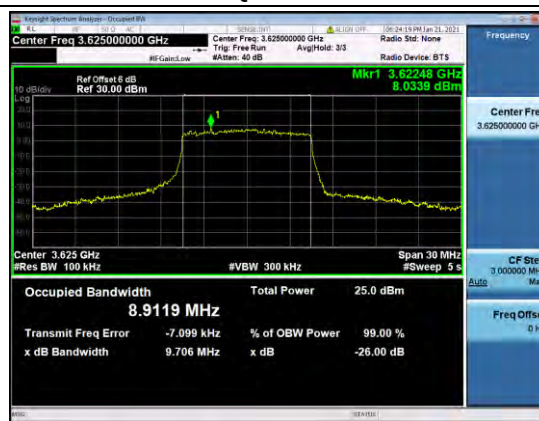
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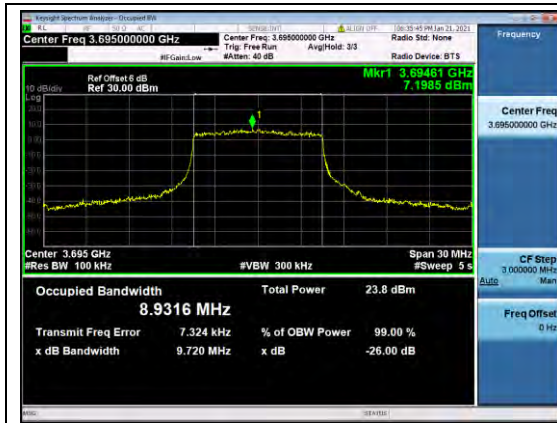
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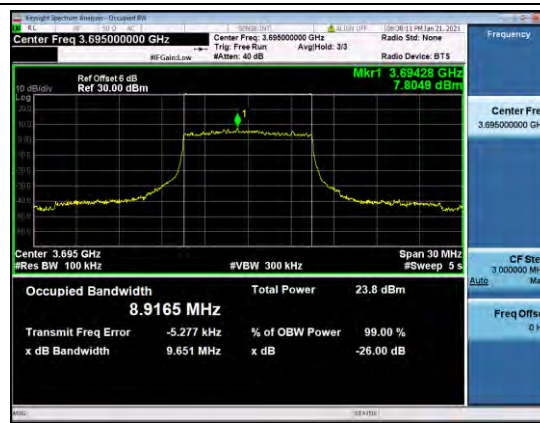
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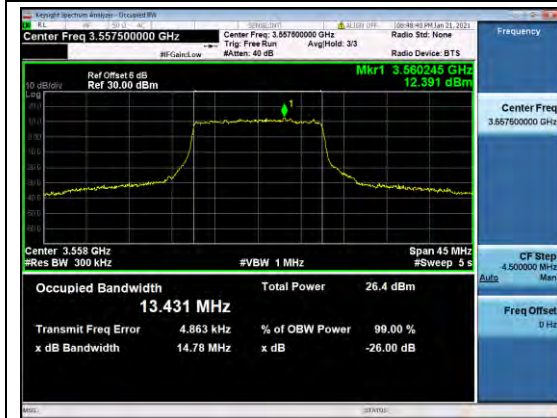
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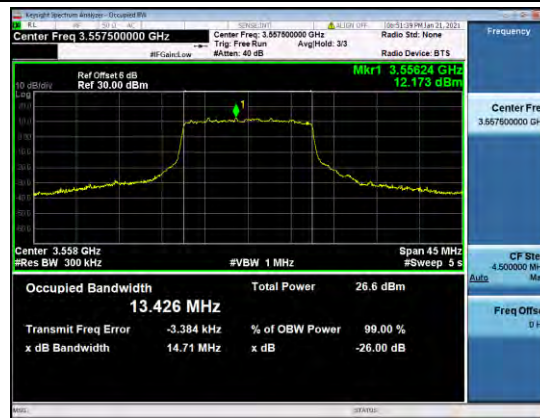
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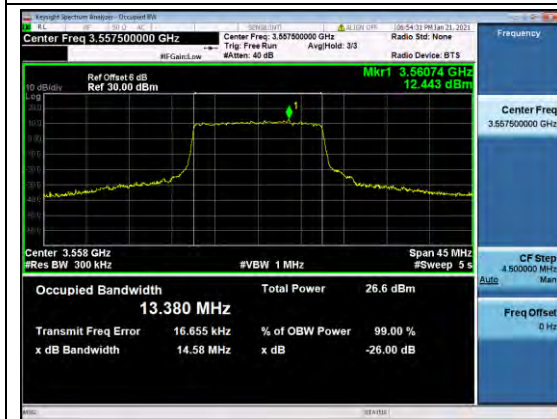
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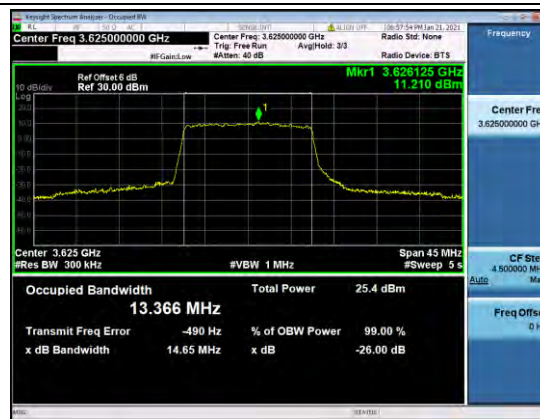
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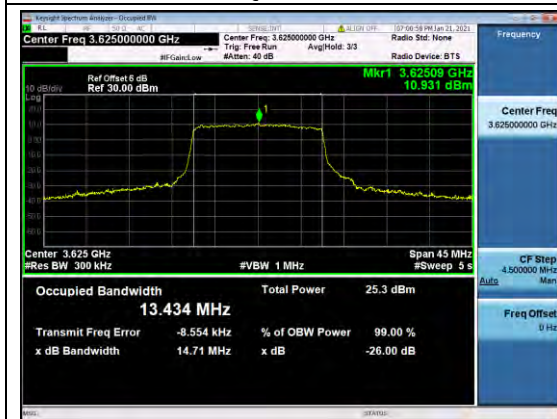
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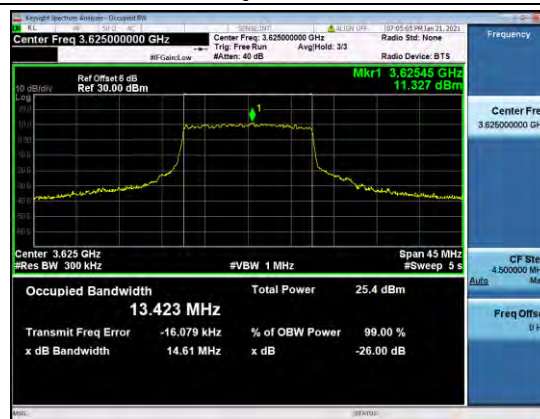
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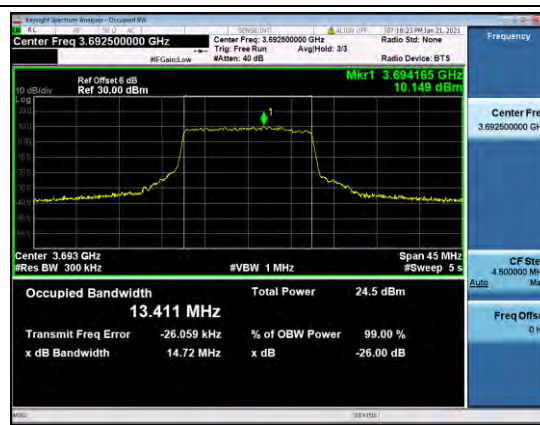
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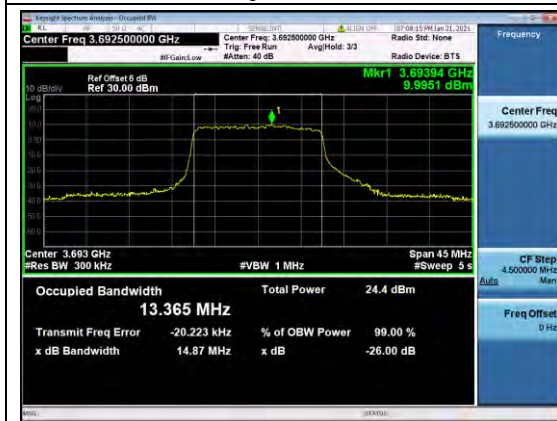
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B48-15M-OBW-H-Q64



B48-20M-OBW-L-QPSK



B48-20M-OBW-L-Q16



B48-20M-OBW-L-Q64



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B48-20M-OBW-M-Q64



B48-20M-OBW-H-QPSK



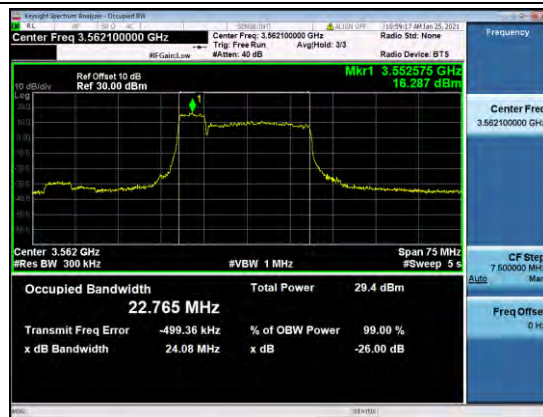
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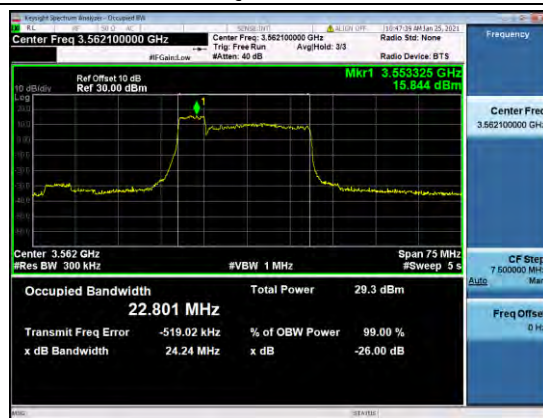
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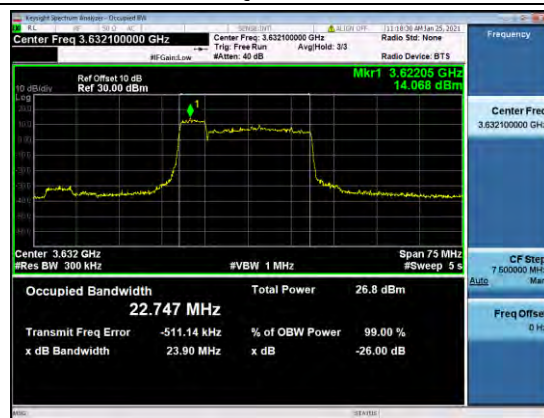
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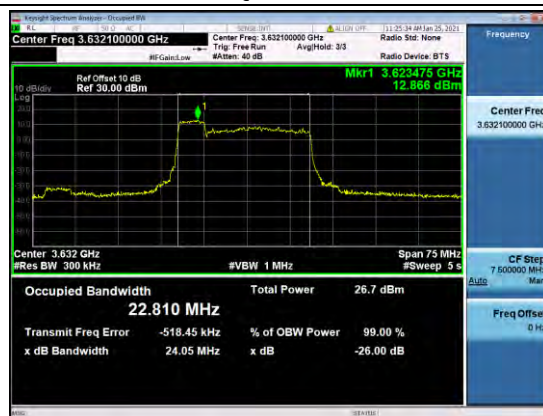
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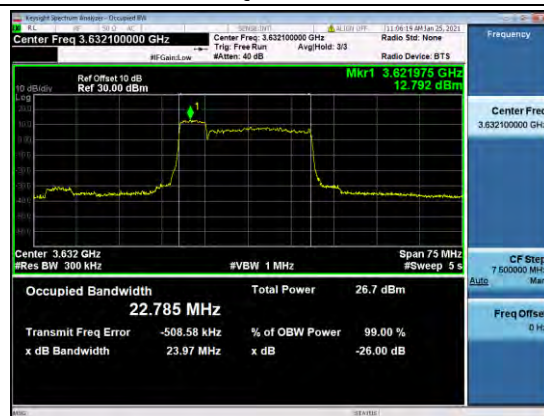
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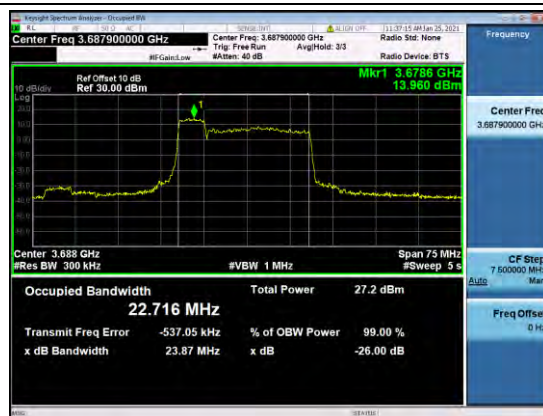
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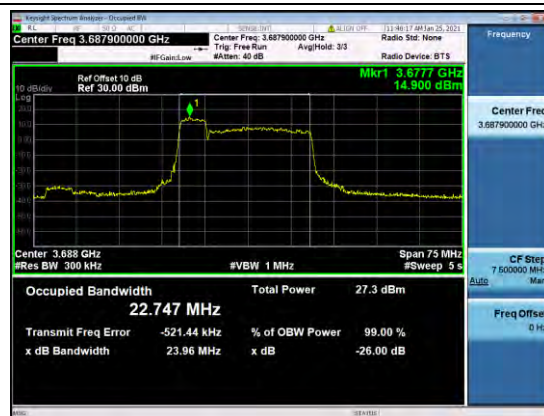
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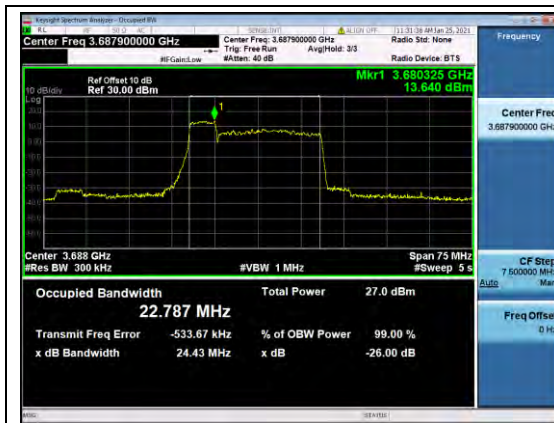


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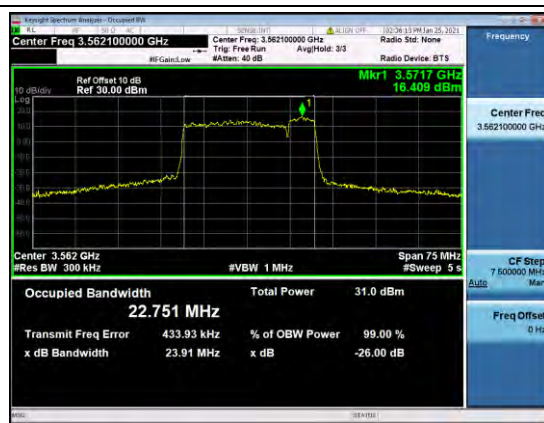


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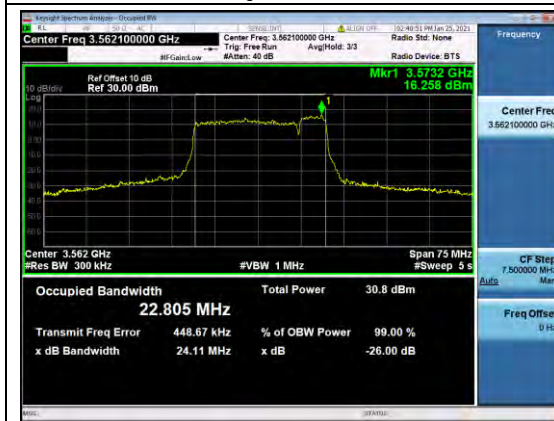
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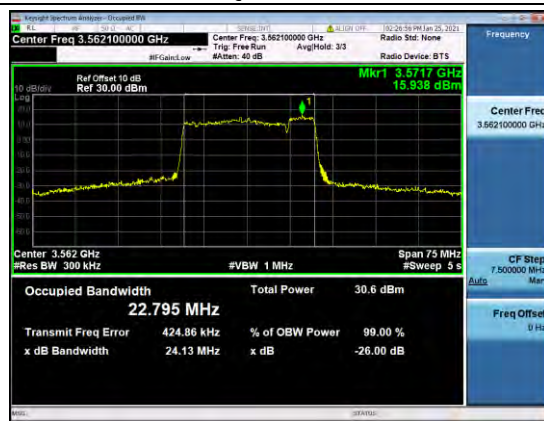
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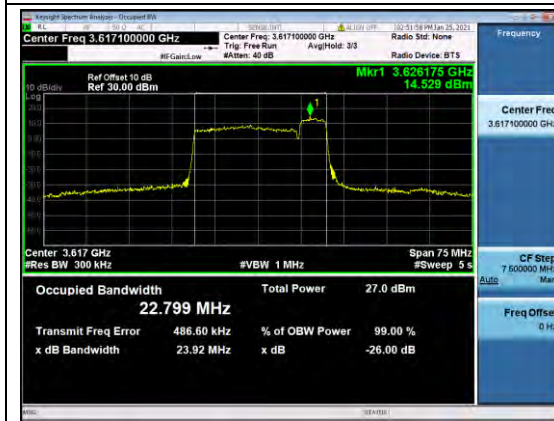
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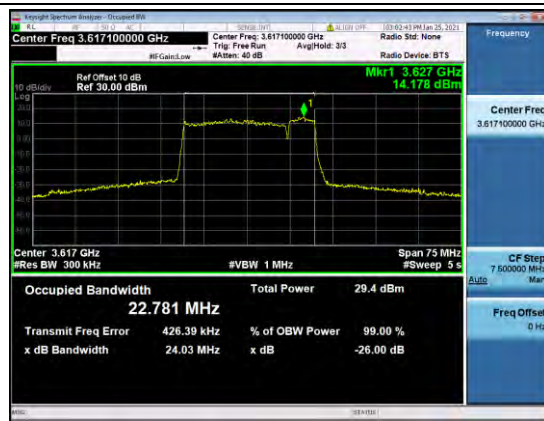
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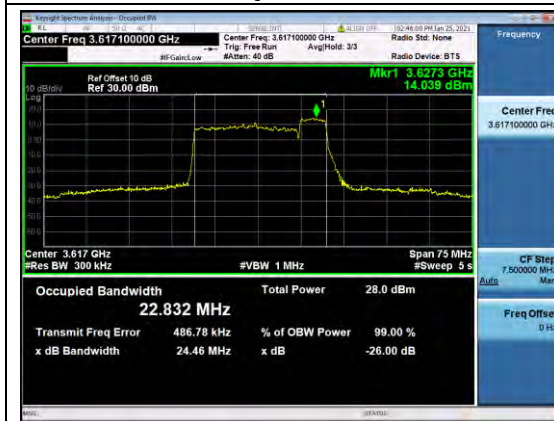
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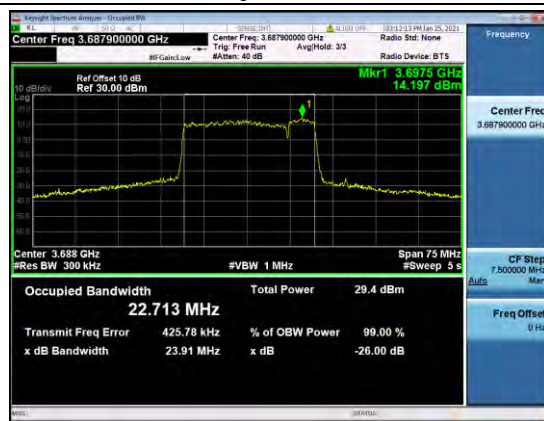
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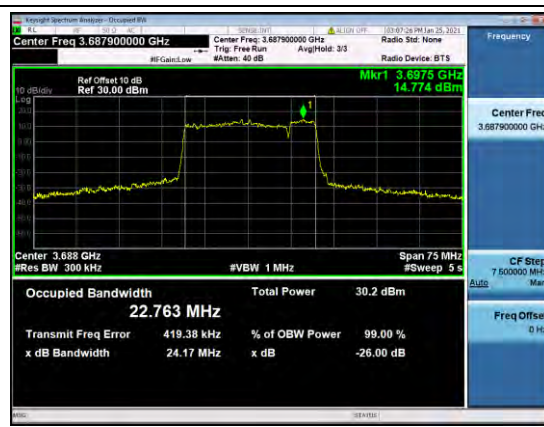
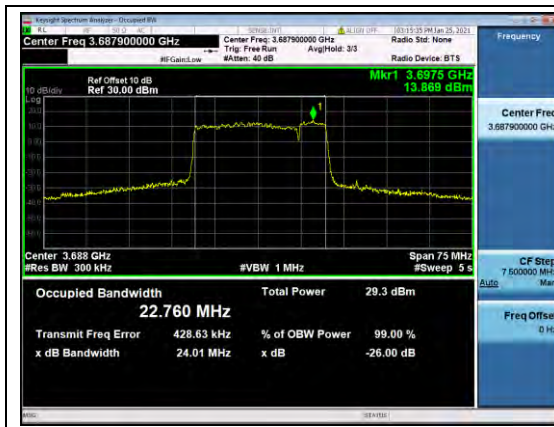
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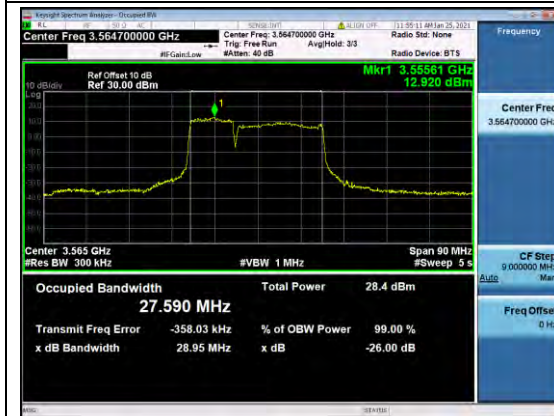
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B48-20-5-OBW-H-Q64



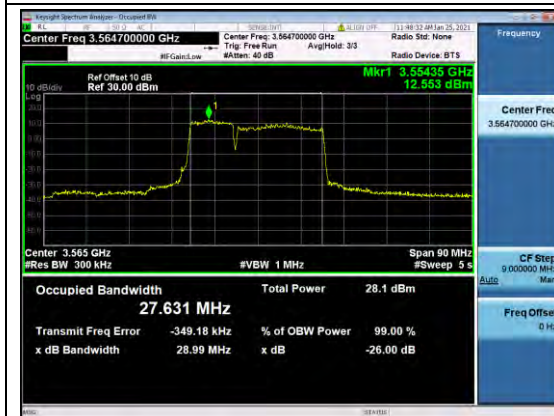
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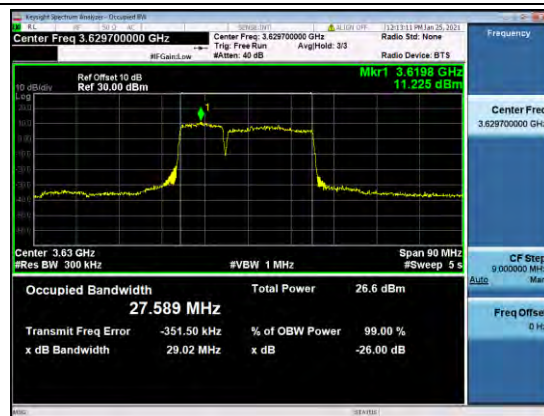
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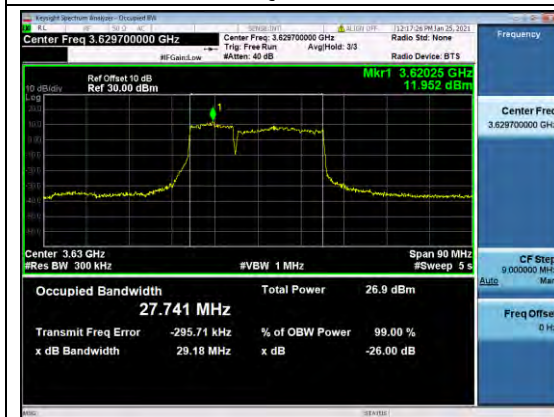
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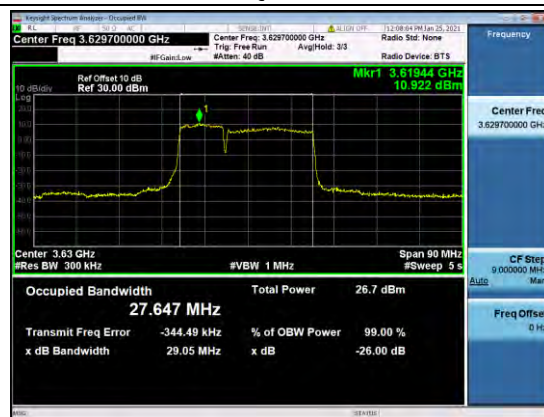
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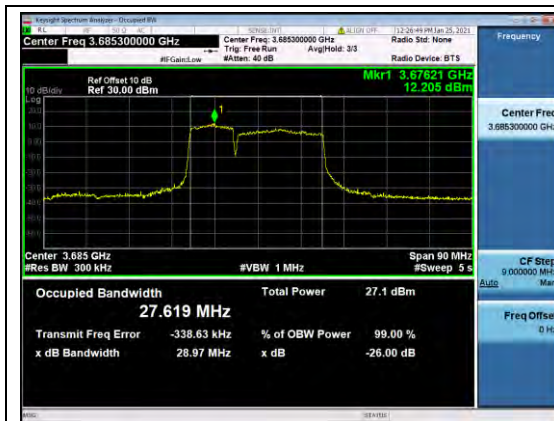


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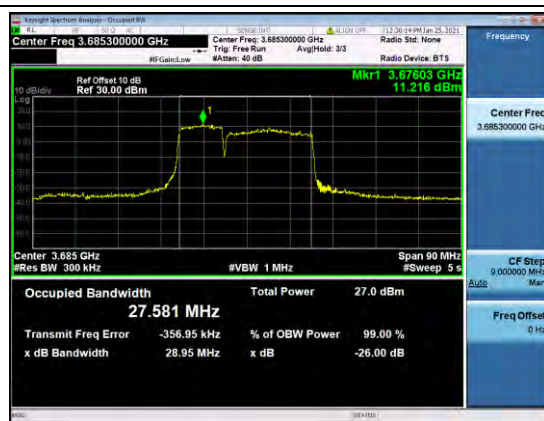


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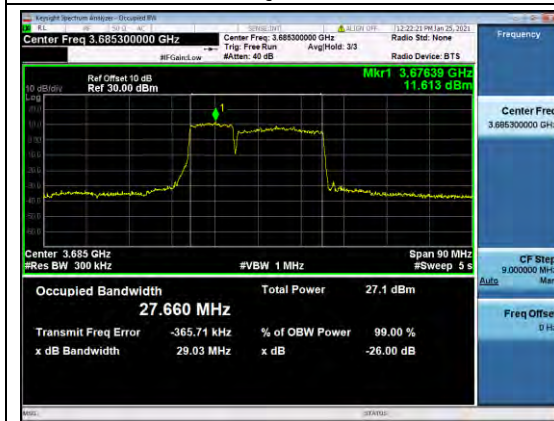
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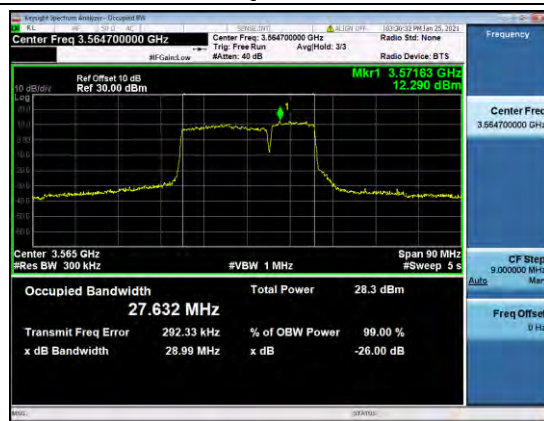
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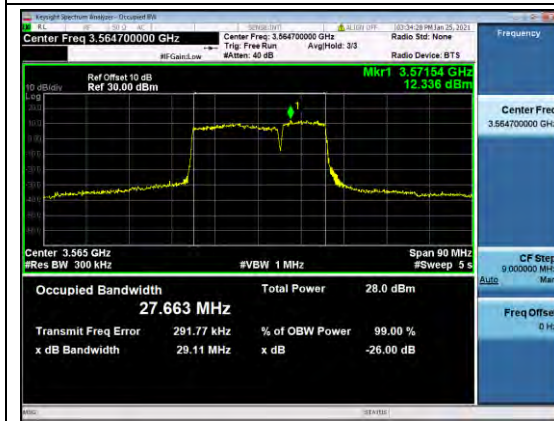
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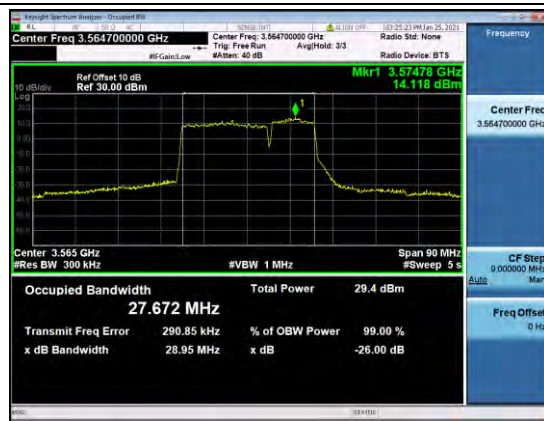
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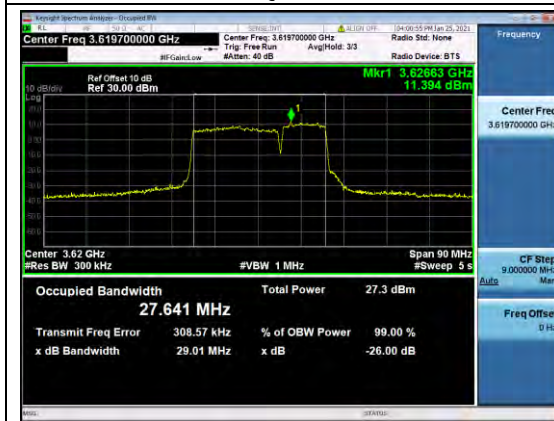
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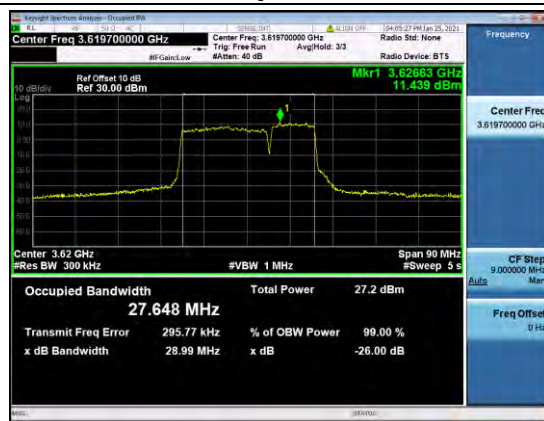
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B48-20-10-OBW-M-Q16



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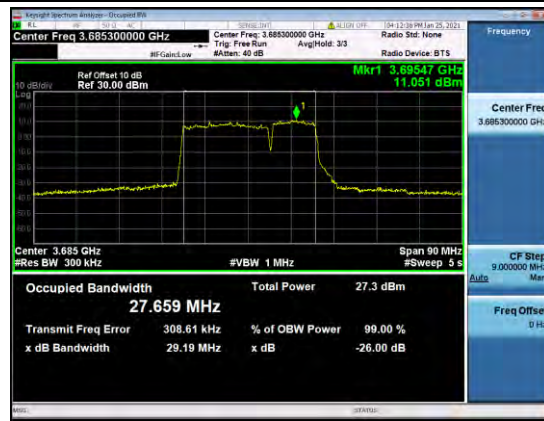
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B48-20-10-OBW-H-Q16

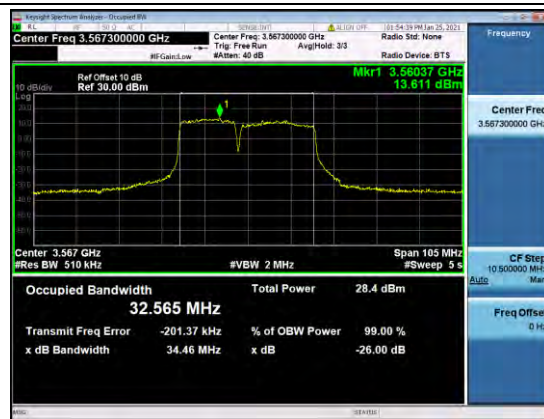
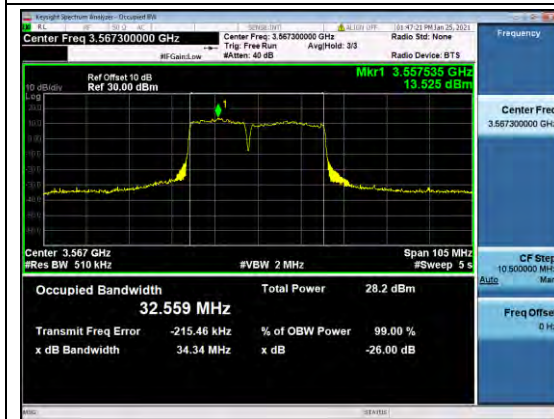


B48-20-10-OBW-H-Q64



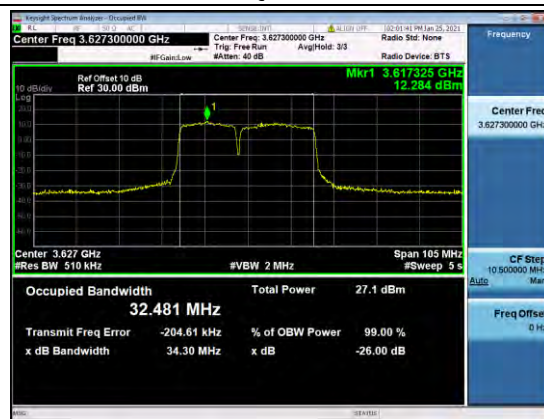
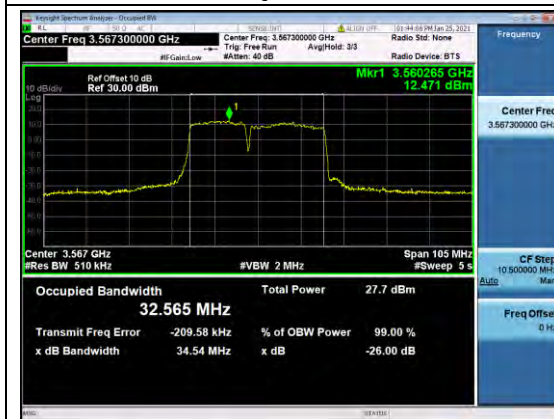
B48-15-20-OBW-L-QPSK

B48-15-20-OBW-L-Q16



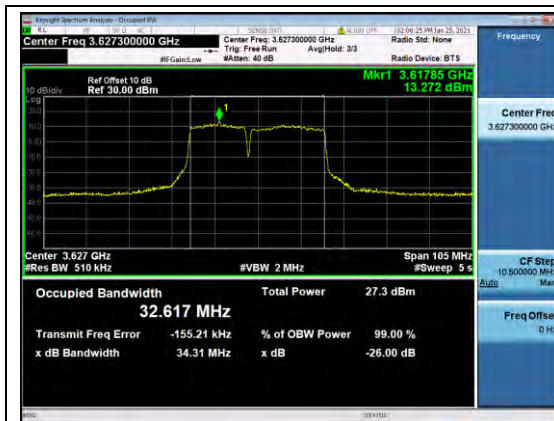
B48-15-20-OBW-L-Q64

B48-15-20-OBW-M-QPSK

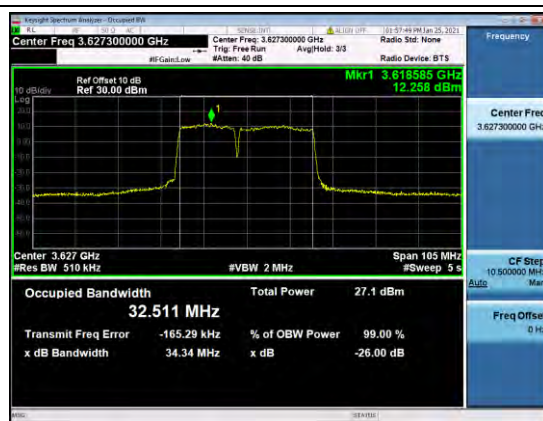


B48-15-20-OBW-M-Q16

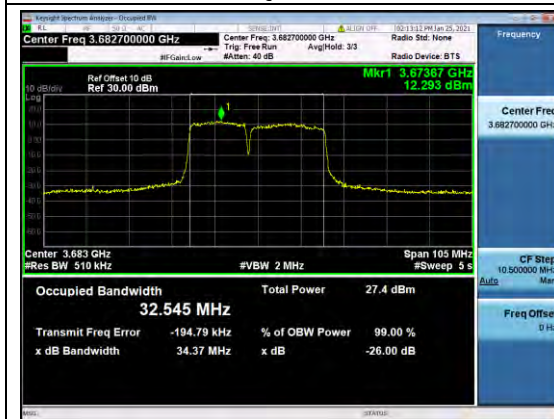
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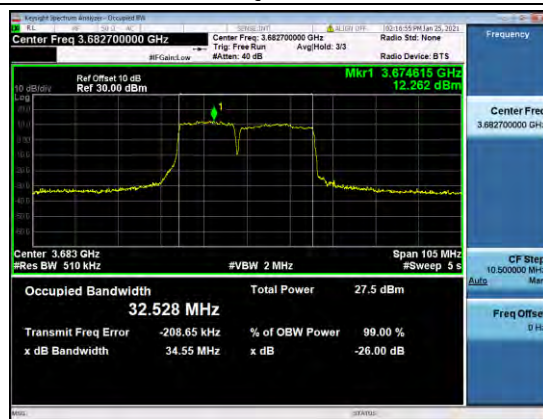
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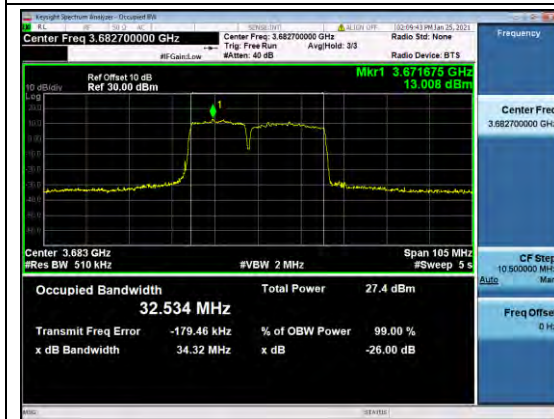
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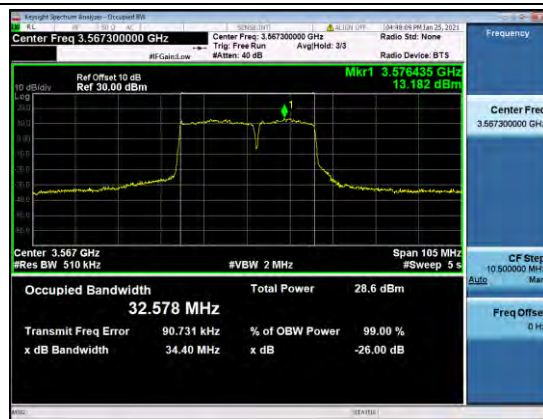
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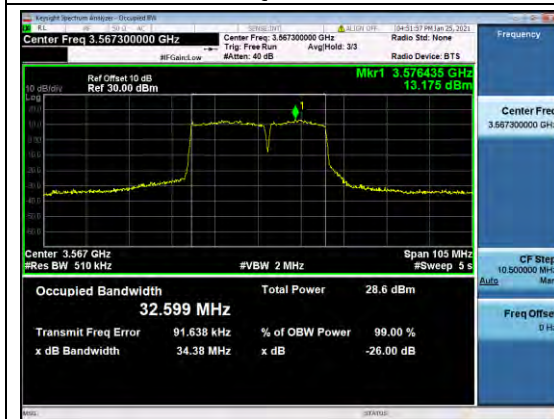
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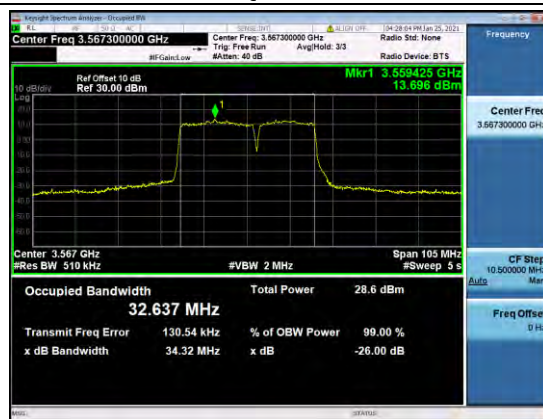
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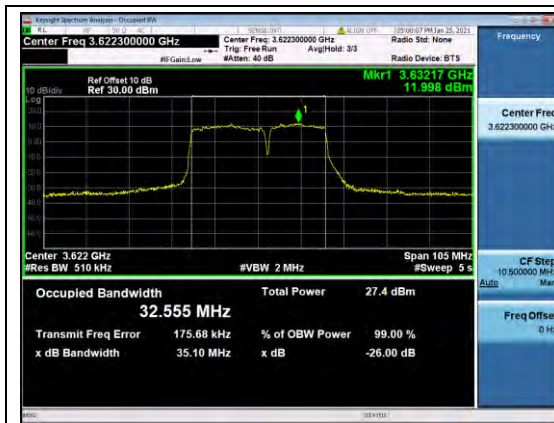
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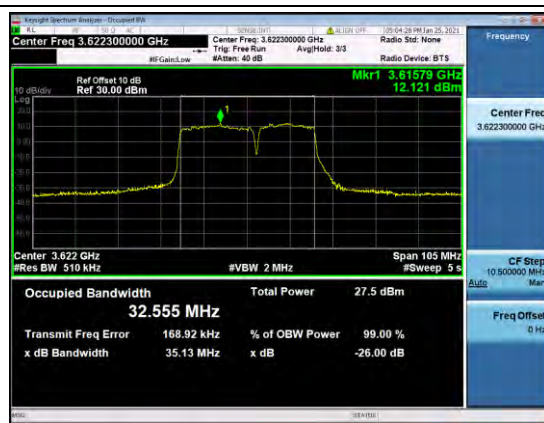
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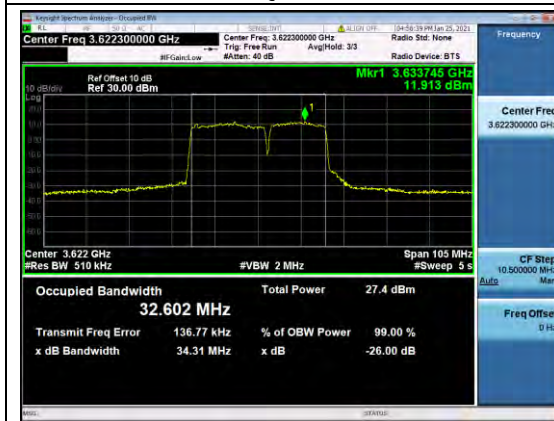
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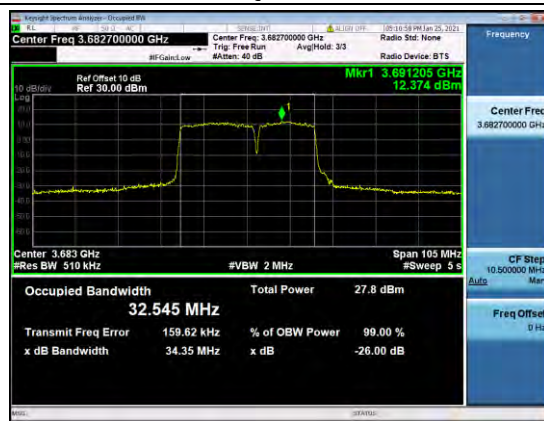
B48-20-15-OBW-M-Q64



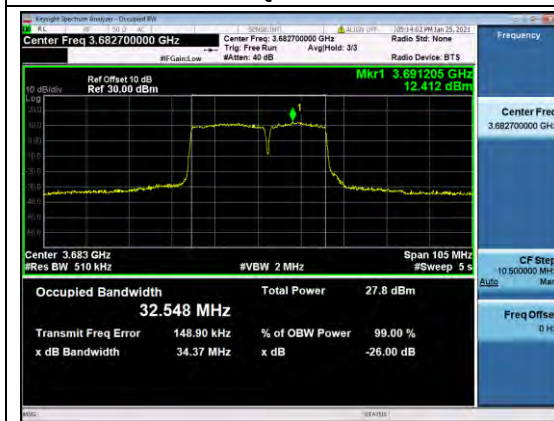
B48-20-15-OBW-H-QPSK



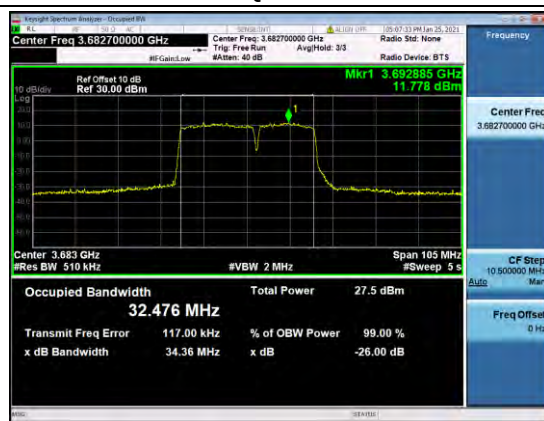
B48-20-15-OBW-H-Q16



B48-20-15-OBW-H-Q64



B48-20-20-OBW-L-QPSK



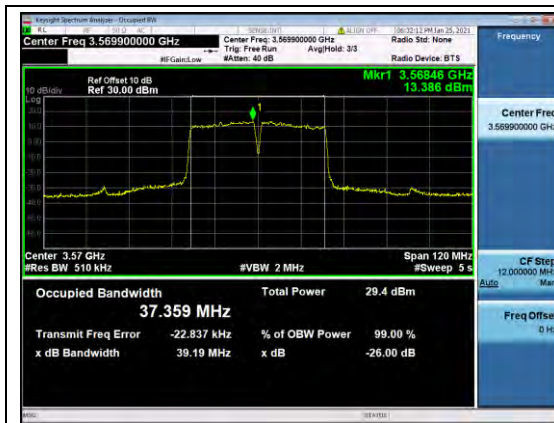
B48-20-20-OBW-L-Q16



B48-20-20-OBW-L-Q64



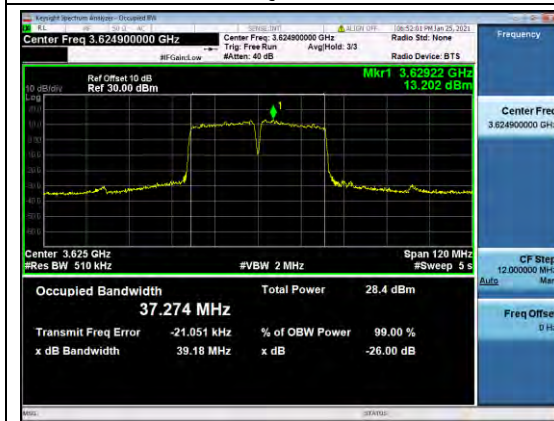
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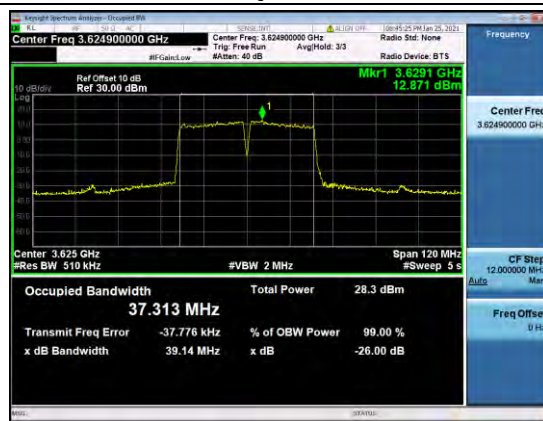
B48-20-20-OBW-M-Q16



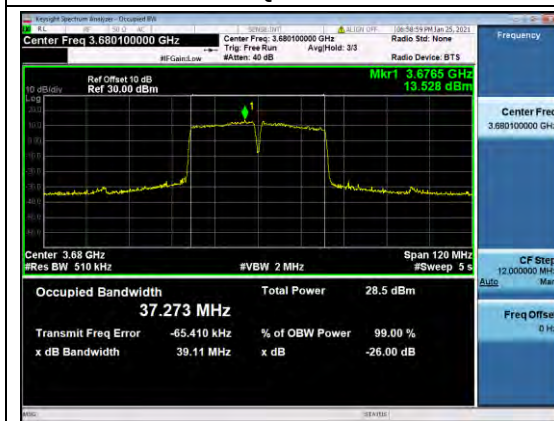
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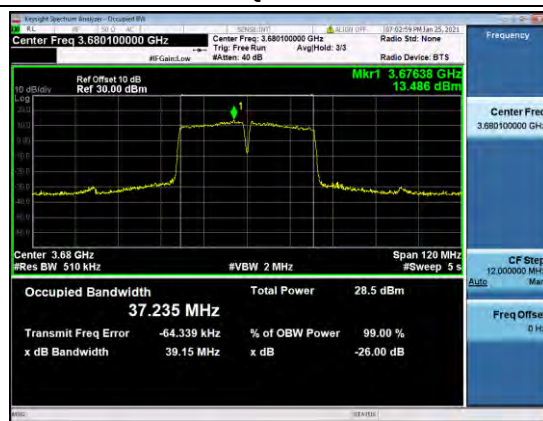
B48-20-20-OBW-H-QPSK



B48-20-20-OBW-H-Q16



B48-20-20-OBW-H-Q64



MIMO Main:

LTE TDD Band 48, Nominal Bandwidth: 5MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	4.5070	5.254	/	/	Pass
	M	Full	0	4.5230	5.275	/	/	Pass
	H	Full	0	4.5009	5.282	/	/	Pass
64QAM	L	Full	0	4.5119	5.269	/	/	Pass
	M	Full	0	4.5138	5.285	/	/	Pass
	H	Full	0	4.5038	5.276	/	/	Pass
QPSK	L	Full	0	4.5050	5.278	/	/	Pass
	M	Full	0	4.5157	5.289	/	/	Pass
	H	Full	0	4.5085	5.211	/	/	Pass

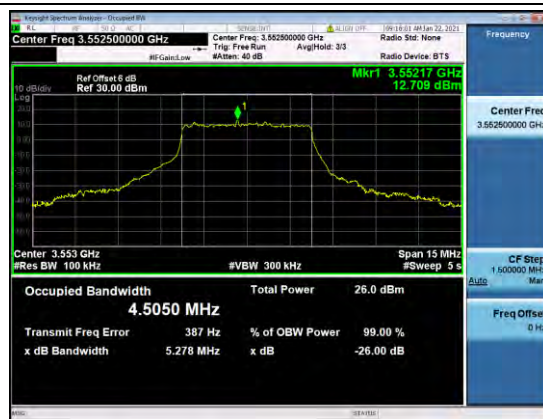
LTE TDD Band 48, Nominal Bandwidth: 10MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	8.9427	9.784	/	/	Pass
	M	Full	0	8.9406	9.658	/	/	Pass
	H	Full	0	8.9026	9.710	/	/	Pass
64QAM	L	Full	0	8.9395	9.801	/	/	Pass
	M	Full	0	8.9380	9.657	/	/	Pass
	H	Full	0	8.9181	9.791	/	/	Pass
QPSK	L	Full	0	8.9272	9.763	/	/	Pass
	M	Full	0	8.9497	9.852	/	/	Pass
	H	Full	0	8.9018	9.708	/	/	Pass

LTE TDD Band 48, Nominal Bandwidth: 15MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	13.451	14.70	/	/	Pass
	M	Full	0	13.451	14.73	/	/	Pass
	H	Full	0	13.458	14.80	/	/	Pass
64QAM	L	Full	0	13.444	14.73	/	/	Pass
	M	Full	0	13.450	14.74	/	/	Pass
	H	Full	0	13.409	14.85	/	/	Pass
QPSK	L	Full	0	13.466	14.85	/	/	Pass
	M	Full	0	13.384	14.65	/	/	Pass
	H	Full	0	13.470	14.80	/	/	Pass

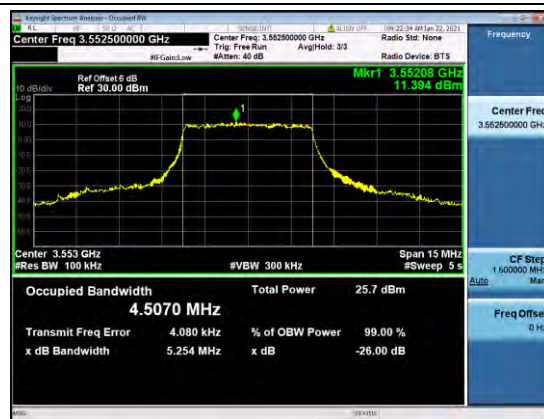
LTE TDD Band 48, Nominal Bandwidth: 20MHz								
Modulation	Channel	RB Configuration		Test result (MHz)		Limit (MHz)		Verdict
		Size	Offset	OBW	26dB BW	OBW	26dB BW	
16QAM	L	Full	0	17.856	19.14	/	/	Pass
	M	Full	0	17.843	19.10	/	/	Pass
	H	Full	0	17.794	19.09	/	/	Pass
64QAM	L	Full	0	17.819	19.12	/	/	Pass
	M	Full	0	17.825	19.08	/	/	Pass
	H	Full	0	17.846	19.15	/	/	Pass
QPSK	L	Full	0	17.873	18.95	/	/	Pass

	M	Full	0	17.793	19.10	/	/	Pass
	H	Full	0	17.795	19.09	/	/	Pass

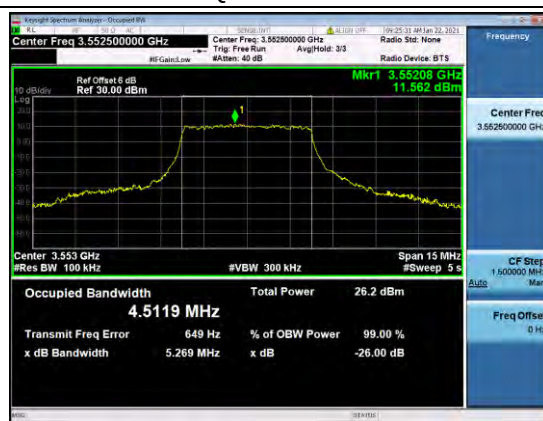
B48-5M-OBW-L-QPSK



B48-5M-OBW-L-Q16



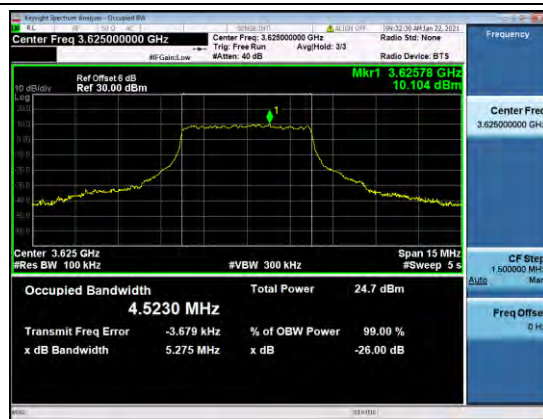
B48-5M-OBW-L-Q64



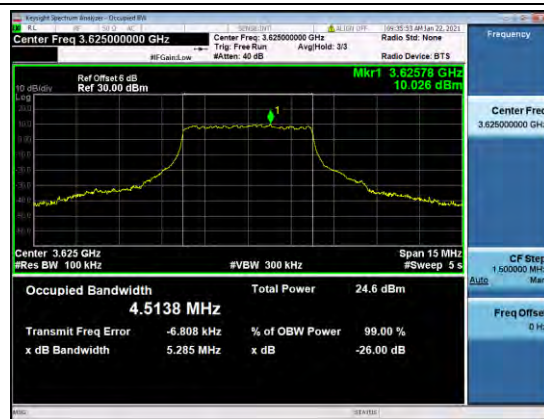
B48-5M-OBW-M-QPSK



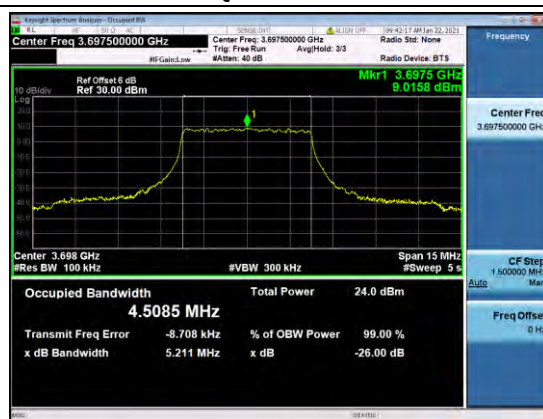
B48-5M-OBW-M-Q16



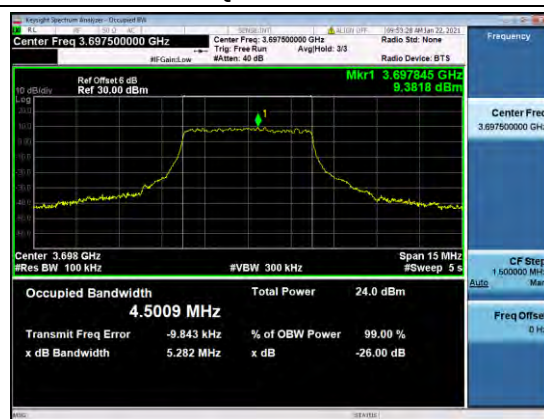
B48-5M-OBW-M-Q64



B48-5M-OBW-H-QPSK

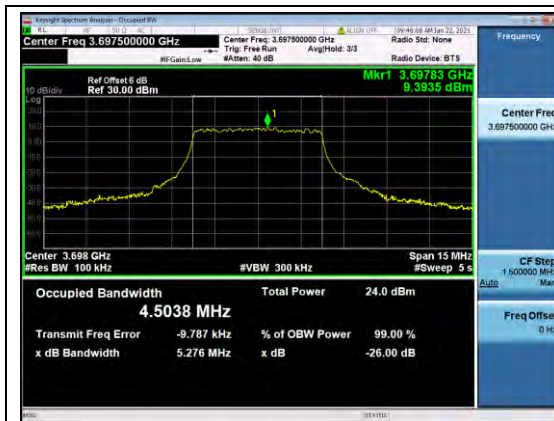


B48-5M-OBW-H-Q16



B48-5M-OBW-H-Q64

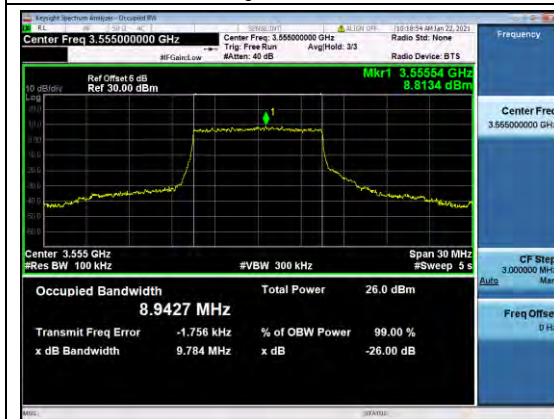
B48-10M-OBW-L-QPSK



B48-10M-OBW-L-Q16



B48-10M-OBW-L-Q64



B48-10M-OBW-M-QPSK



B48-10M-OBW-M-Q16



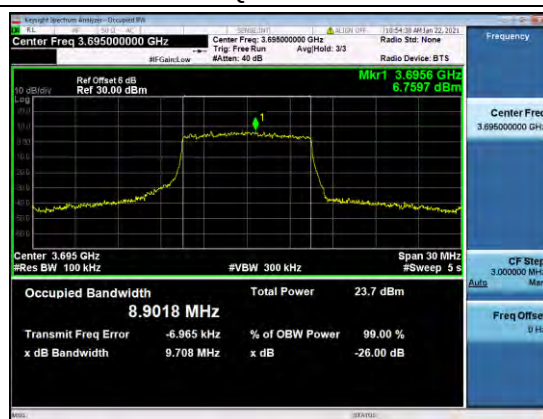
B48-10M-OBW-M-Q64



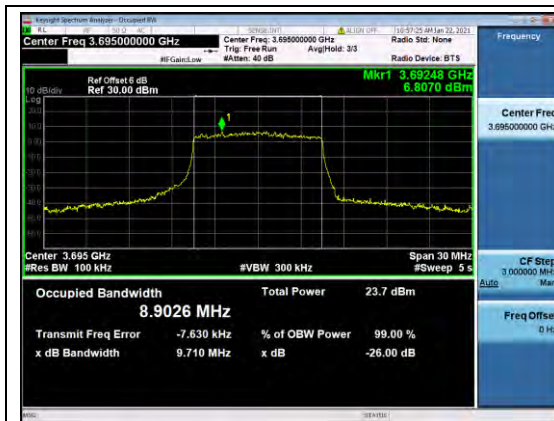
B48-10M-OBW-H-QPSK



B48-10M-OBW-H-Q16



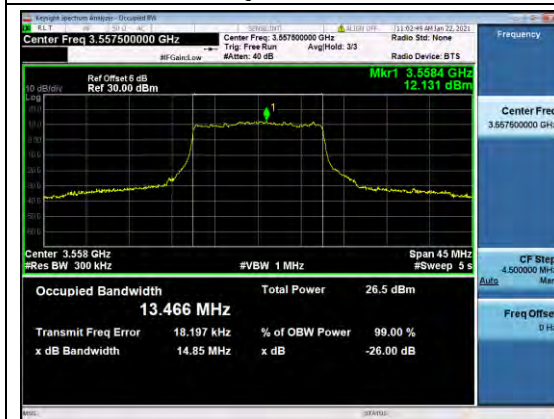
B48-10M-OBW-H-Q64



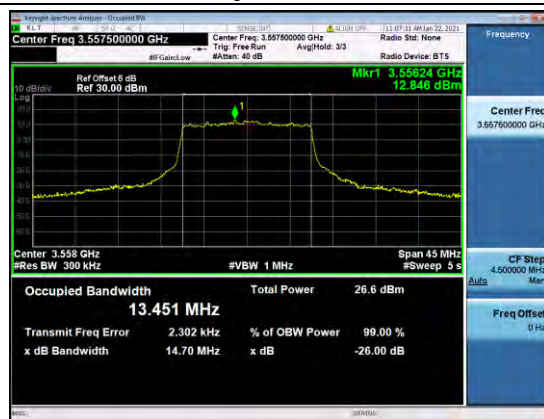
B48-15M-OBW-L-QPSK



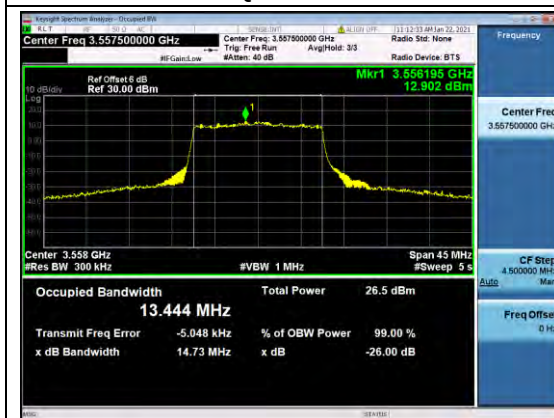
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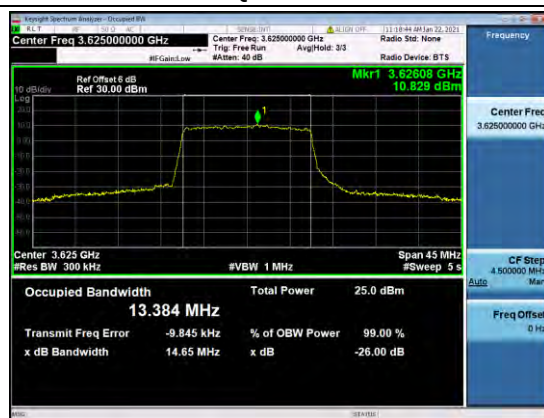
B48-15M-OBW-L-Q64



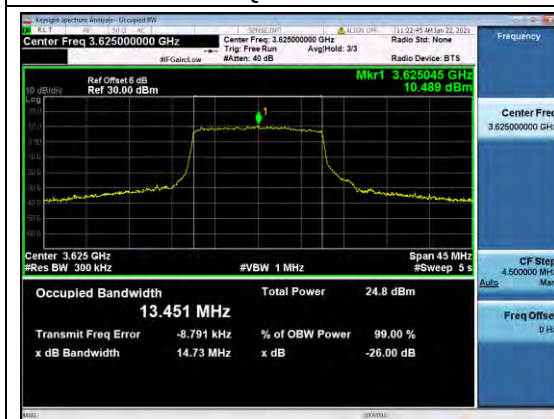
B48-15M-OBW-M-QPSK



B48-15M-OBW-M-Q16



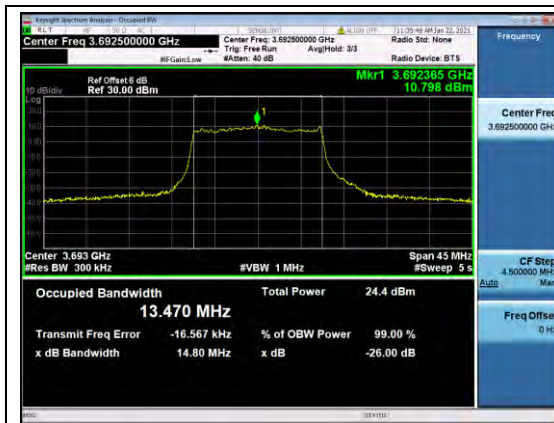
B48-15M-OBW-M-Q64



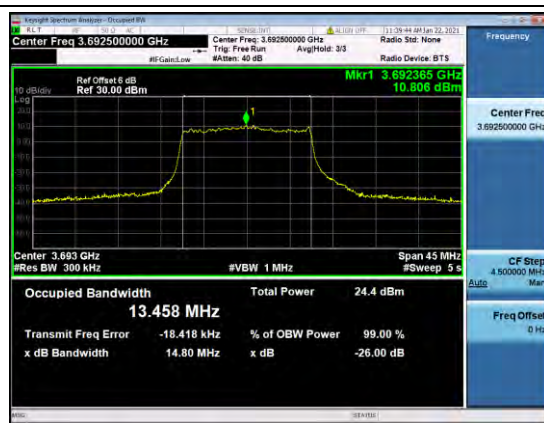
B48-15M-OBW-H-QPSK



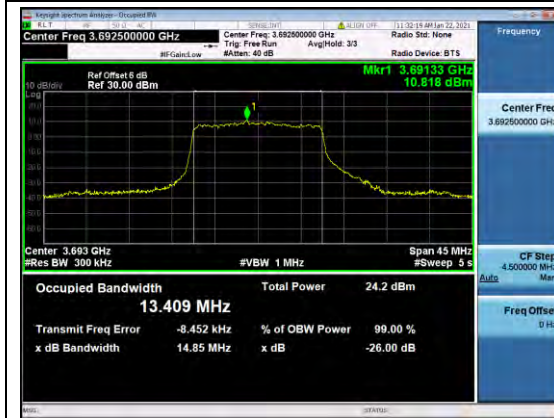
B48-15M-OBW-H-Q16



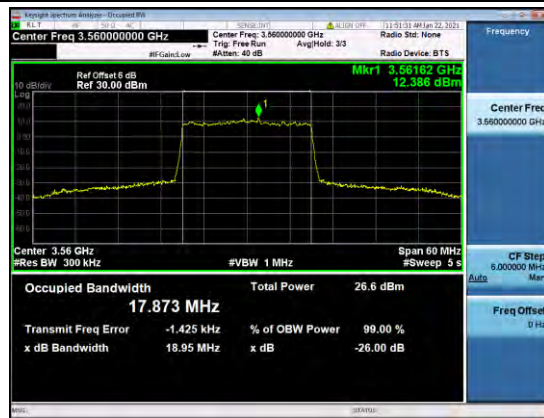
B48-15M-OBW-H-Q64



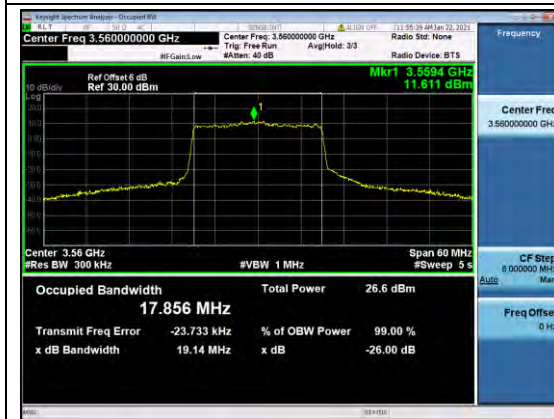
B48-20M-OBW-L-QPSK



B48-20M-OBW-L-Q16



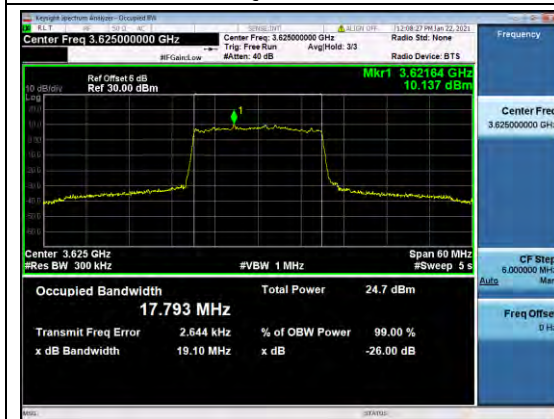
B48-20M-OBW-L-Q64



B48-20M-OBW-M-QPSK



B48-20M-OBW-M-Q16



B48-20M-OBW-M-Q64



B48-20M-OBW-H-QPSK



B48-20M-OBW-H-Q16



B48-20M-OBW-H-Q64

