

Test Graphs

B71 20M QPSK 1@0 CH 133222



B71 20M 16QAM 1@0 CH 133222



B71 20M QPSK 1@0 CH 133322



B71 20M 16QAM 1@0 CH 133322



B71 20M QPSK 1@0 CH 133372



B71 20M 16QAM 1@0 CH 133372



B71_15M QPSK 1@0 CH 133197



B71_15M 16QAM 1@0 CH 133197



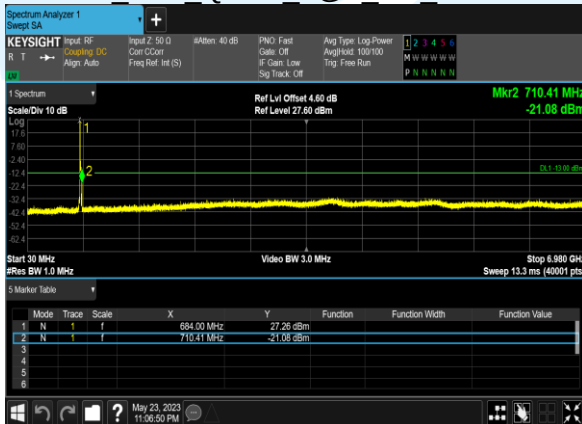
B71_15M QPSK 1@0 CH 133297



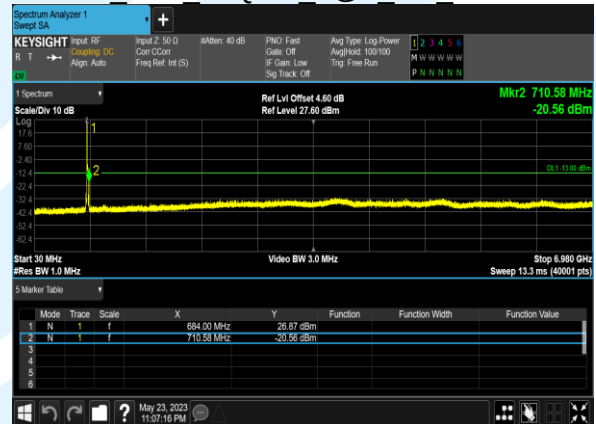
B71_15M 16QAM 1@0 CH 133297



B71_15M QPSK 1@0 CH 133397



B71_15M 16QAM 1@0 CH 133397



B71_10M QPSK 1@0 CH 133172



B71_10M 16QAM 1@0 CH 133172



B71_10M QPSK 1@0 CH 133297



B71_10M 16QAM 1@0 CH 133297



B71_10M QPSK 1@0 CH 133422



B71_10M 16QAM 1@0 CH 133422



B71_5M QPSK 1@0 CH 133147



B71_5M 16QAM 1@0 CH 133147



B71 5M QPSK 1@0 CH 133297



B71 5M 16QAM 1@0 CH 133297



B71 5M QPSK 1@0 CH 133447



B71 5M 16QAM 1@0 CH 133447



B71 20M 64QAM 1@0 CH 133222



B71 20M 64QAM 1@0 CH 133322



B71 20M 64QAM 1@0 CH 133372



B71 15M 64QAM 1@0 CH 133197



B71 15M 64QAM 1@0 CH 133297



B71 15M 64QAM 1@0 CH 133397



B71 10M 64QAM 1@0 CH 133172



B71 10M 64QAM 1@0 CH 133297



B71 10M 64QAM 1@0 CH 133422



B71 5M 64QAM 1@0 CH 133147



B71 5M 64QAM 1@0 CH 133297



B71 5M 64QAM 1@0 CH 133447



Conducted Band Edge

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
71	20.0	133222	673.0	QPSK	1@0	see graph	PASS
71	20.0	133222	673.0	QPSK	100@0	see graph	PASS
71	20.0	133222	673.0	16QAM	1@0	see graph	PASS
71	20.0	133222	673.0	16QAM	100@0	see graph	PASS
71	20.0	133372	688.0	QPSK	1@99	see graph	PASS
71	20.0	133372	688.0	QPSK	100@0	see graph	PASS
71	20.0	133372	688.0	16QAM	1@99	see graph	PASS
71	20.0	133372	688.0	16QAM	100@0	see graph	PASS
71	15.0	133197	670.5	QPSK	1@0	see graph	PASS
71	15.0	133197	670.5	QPSK	75@0	see graph	PASS
71	15.0	133197	670.5	16QAM	1@0	see graph	PASS
71	15.0	133197	670.5	16QAM	75@0	see graph	PASS
71	15.0	133397	690.5	QPSK	1@74	see graph	PASS
71	15.0	133397	690.5	QPSK	75@0	see graph	PASS
71	15.0	133397	690.5	16QAM	1@74	see graph	PASS
71	15.0	133397	690.5	16QAM	75@0	see graph	PASS
71	10.0	133172	668.0	QPSK	1@0	see graph	PASS
71	10.0	133172	668.0	QPSK	50@0	see graph	PASS
71	10.0	133172	668.0	16QAM	1@0	see graph	PASS
71	10.0	133172	668.0	16QAM	50@0	see graph	PASS
71	10.0	133422	693.0	QPSK	1@49	see graph	PASS
71	10.0	133422	693.0	QPSK	50@0	see graph	PASS
71	10.0	133422	693.0	16QAM	1@49	see graph	PASS
71	10.0	133422	693.0	16QAM	50@0	see graph	PASS
71	5.0	133147	665.5	QPSK	1@0	see graph	PASS
71	5.0	133147	665.5	QPSK	25@0	see graph	PASS
71	5.0	133147	665.5	16QAM	1@0	see graph	PASS
71	5.0	133147	665.5	16QAM	25@0	see graph	PASS
71	5.0	133447	695.5	QPSK	1@24	see graph	PASS
71	5.0	133447	695.5	QPSK	25@0	see graph	PASS
71	5.0	133447	695.5	16QAM	1@24	see graph	PASS
71	5.0	133447	695.5	16QAM	25@0	see graph	PASS

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
71	20.0	133222	673.0	64QAM	1@0	see graph	PASS
71	20.0	133222	673.0	64QAM	100@0	see graph	PASS
71	20.0	133372	688.0	64QAM	1@99	see graph	PASS
71	20.0	133372	688.0	64QAM	100@0	see graph	PASS
71	15.0	133197	670.5	64QAM	1@0	see graph	PASS
71	15.0	133197	670.5	64QAM	75@0	see graph	PASS
71	15.0	133397	690.5	64QAM	1@74	see graph	PASS
71	15.0	133397	690.5	64QAM	75@0	see graph	PASS
71	10.0	133172	668.0	64QAM	1@0	see graph	PASS
71	10.0	133172	668.0	64QAM	50@0	see graph	PASS
71	10.0	133422	693.0	64QAM	1@49	see graph	PASS
71	10.0	133422	693.0	64QAM	50@0	see graph	PASS
71	5.0	133147	665.5	64QAM	1@0	see graph	PASS
71	5.0	133147	665.5	64QAM	25@0	see graph	PASS
71	5.0	133447	695.5	64QAM	1@24	see graph	PASS
71	5.0	133447	695.5	64QAM	25@0	see graph	PASS

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UTTR-RF-FCC4G-V1.1

Test Graphs

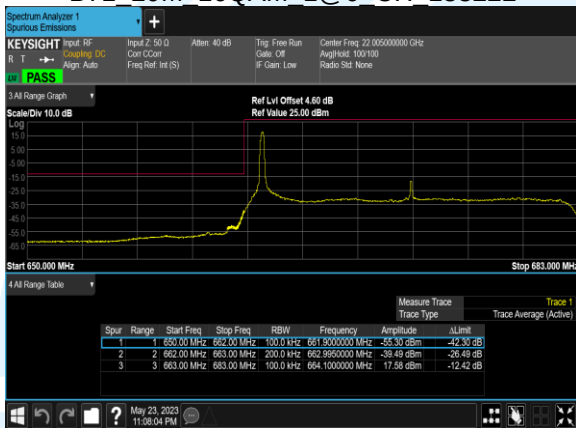
B71 20M QPSK 1@0 CH 133222



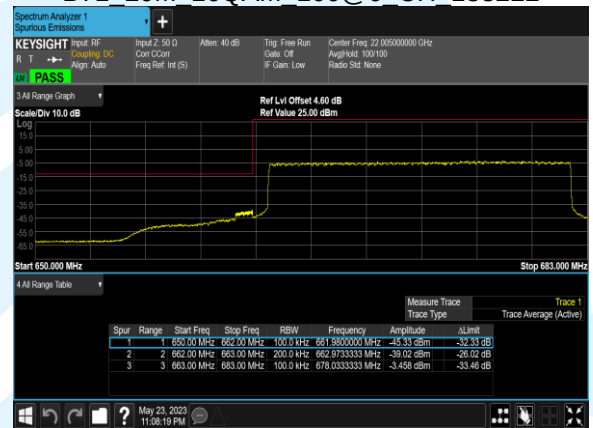
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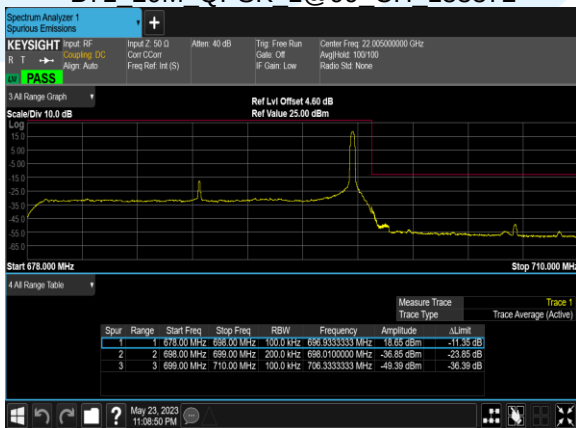
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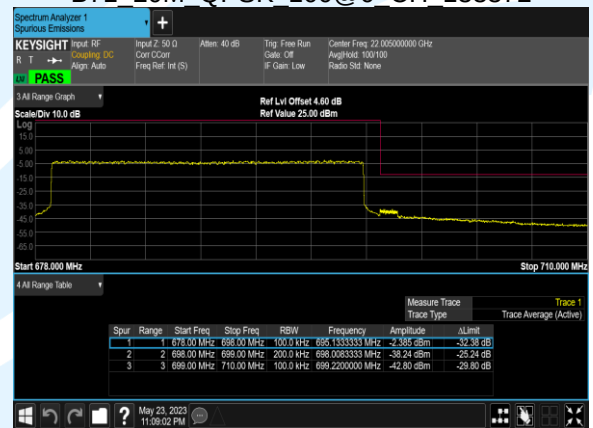
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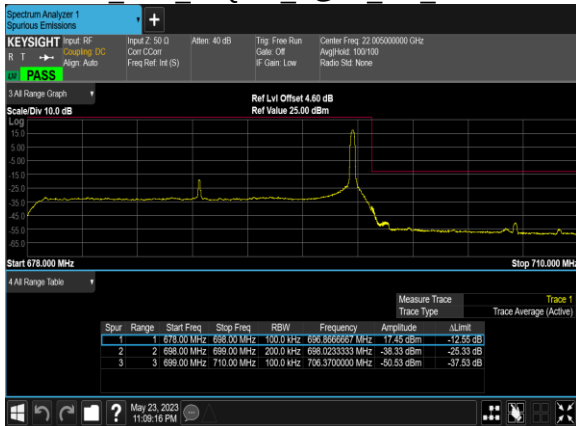
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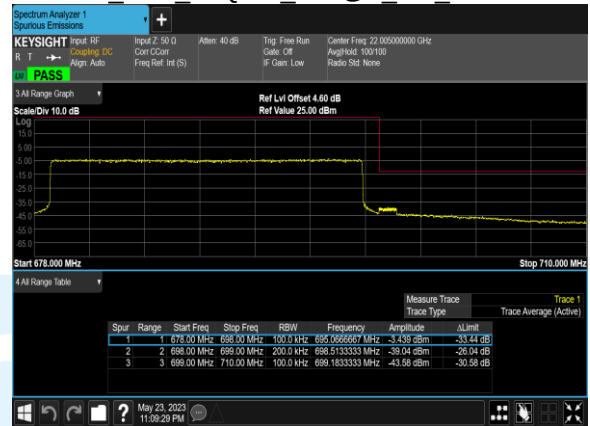
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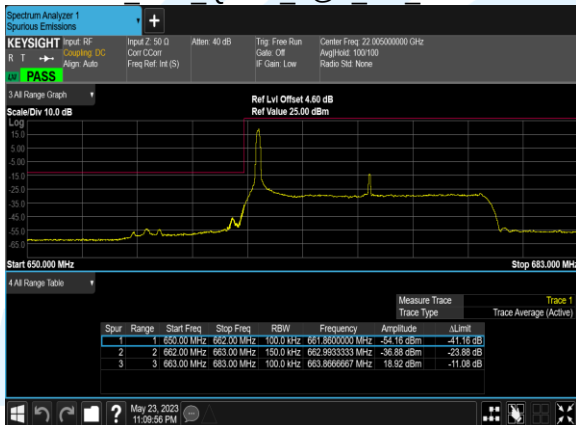
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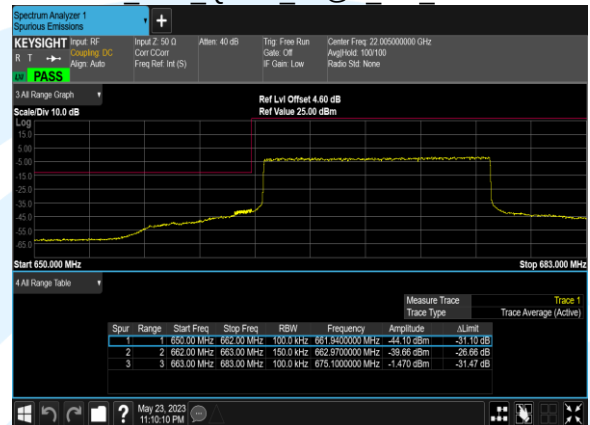
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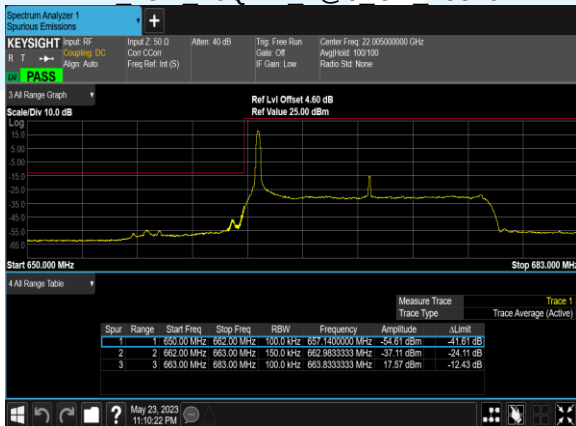
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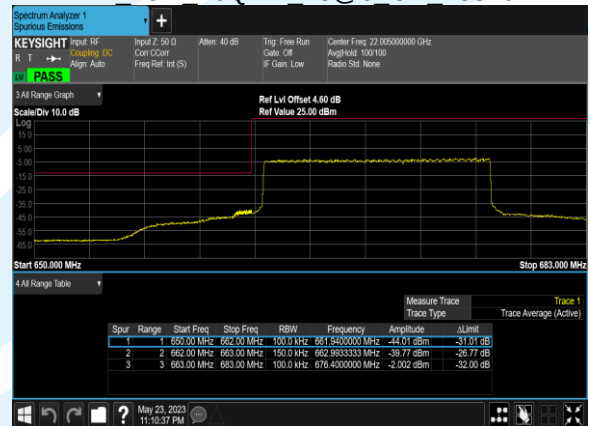
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B71 15M 16QAM 1@0 CH 133197



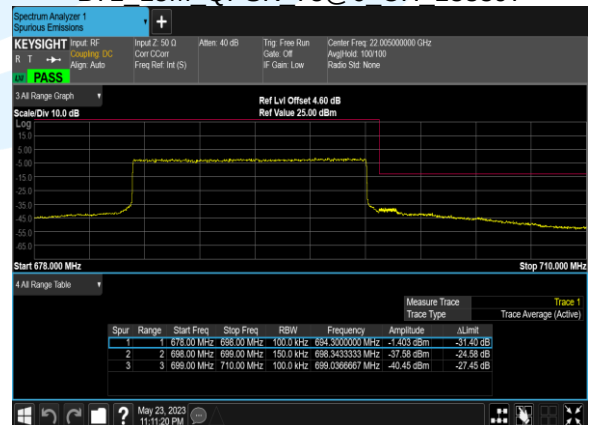
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B71 15M QPSK 1@74 CH 133397



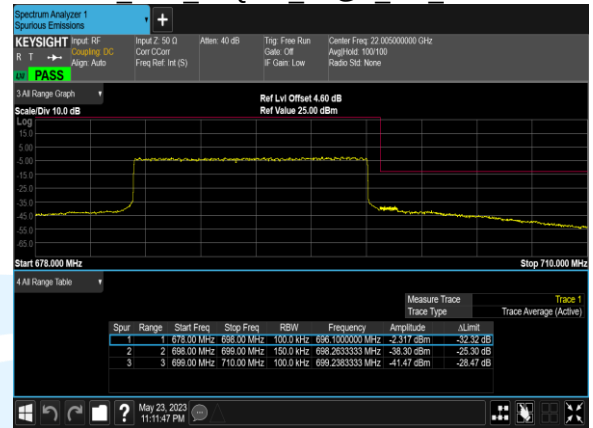
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B71 15M 16QAM 1@74 CH 133397



B71 15M 16QAM 75@0 CH 133397



B71 10M QPSK 1@0 CH 133172



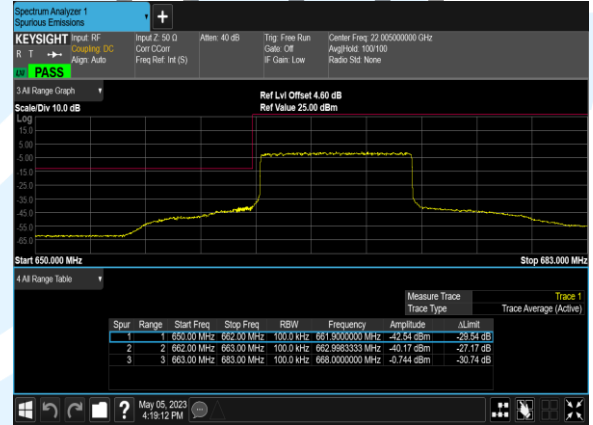
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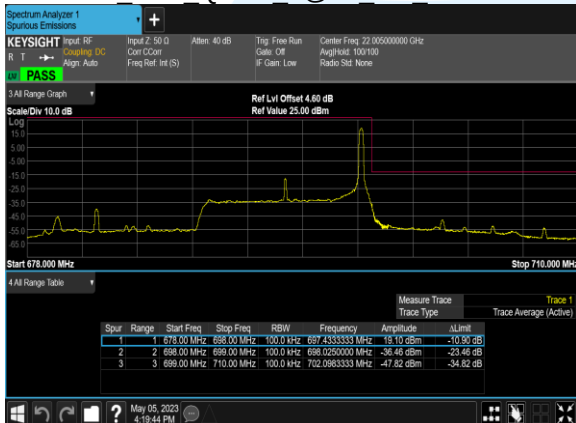
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B71 10M 16QAM 50@0 CH 133172



B71 10M QPSK 1@49 CH 133422



B71 10M QPSK 50@0 CH 133422



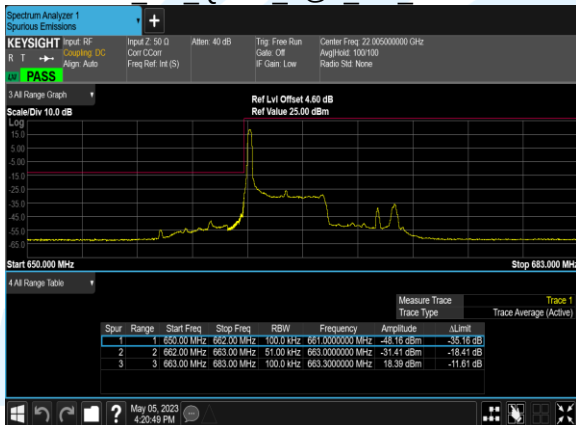
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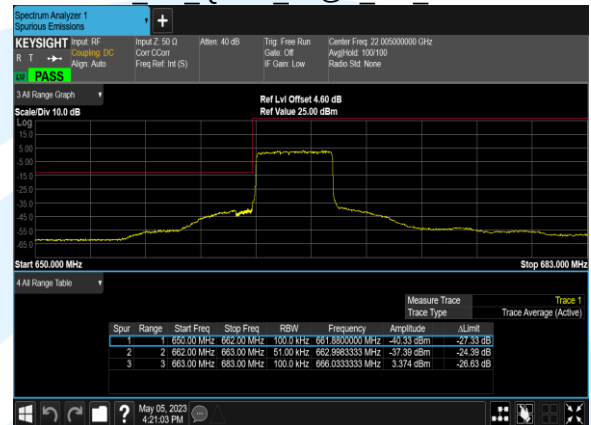
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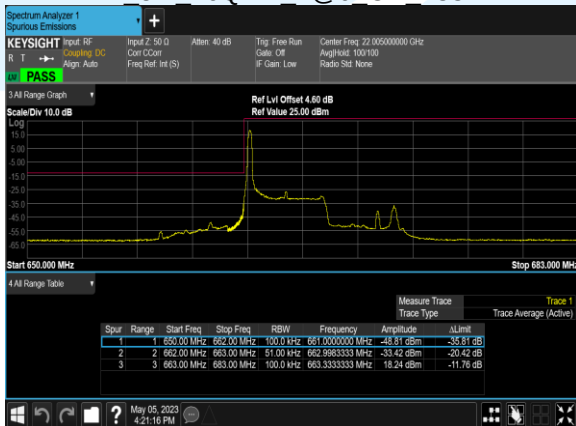
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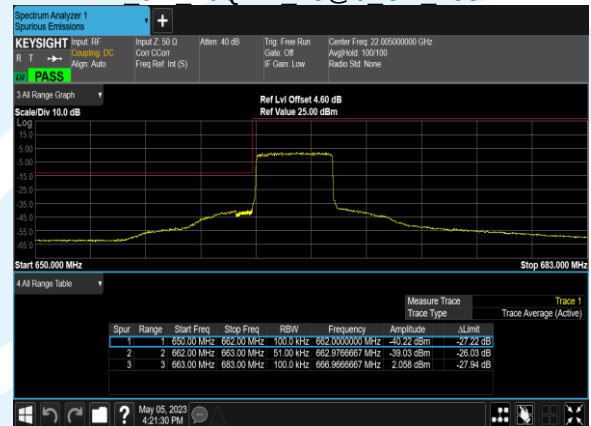
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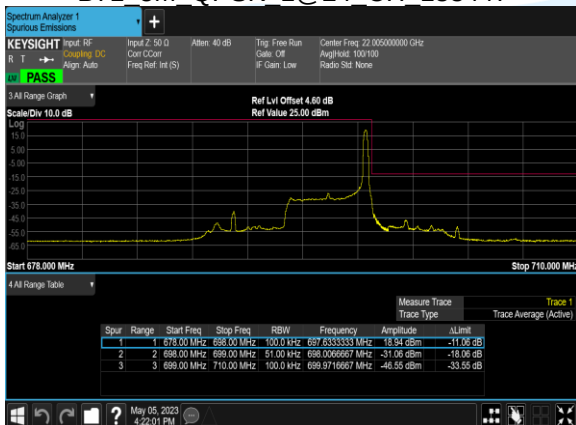
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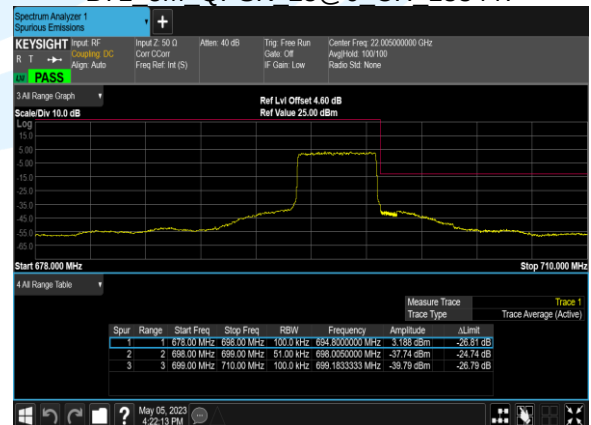
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B71 5M QPSK 1@24 CH 133447



B71 5M QPSK 25@0 CH 133447



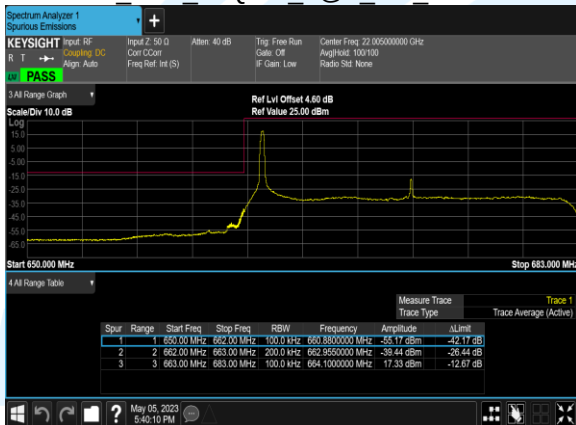
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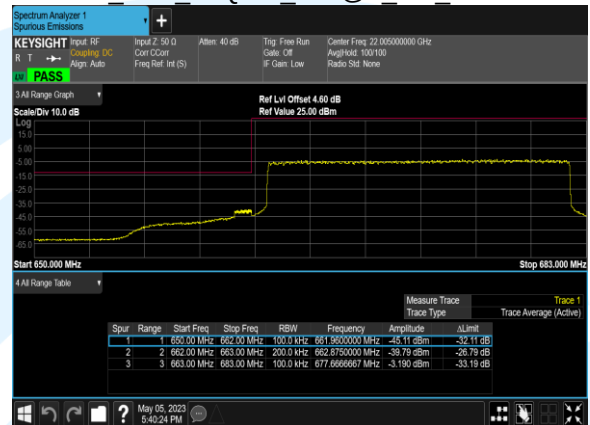
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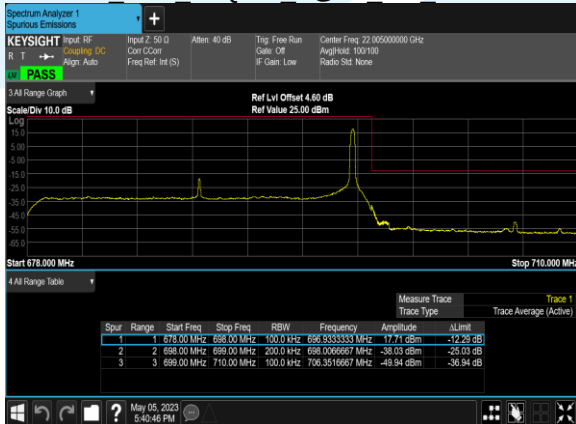
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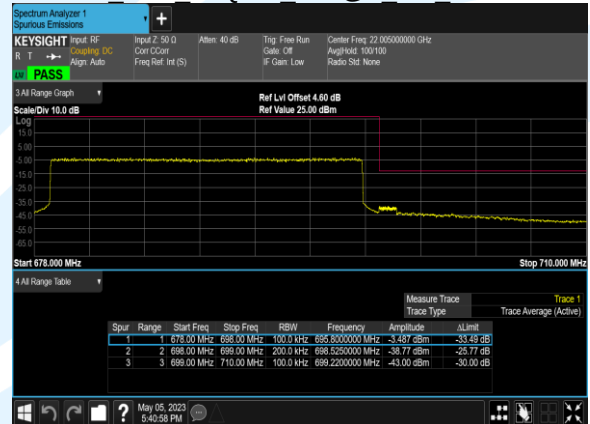
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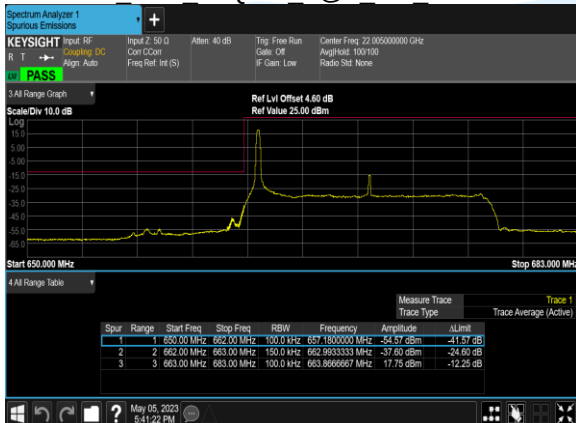
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B71 20M 64QAM 100@0 CH 133372



B71 15M 64QAM 1@0 CH 133197



B71 15M 64QAM 75@0 CH 133197



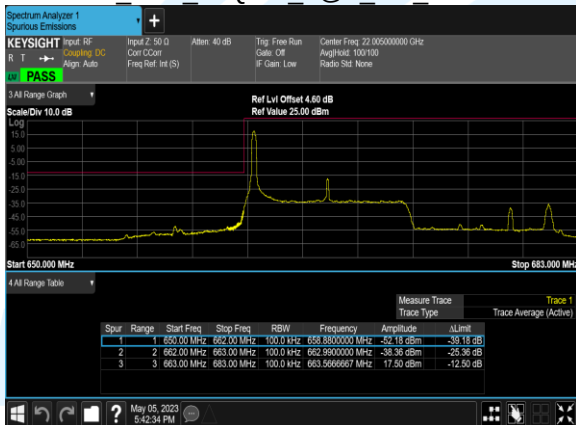
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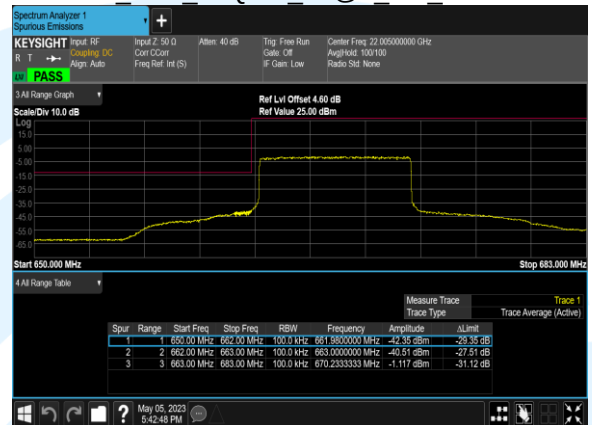
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B71 10M 64QAM 1@0 CH 133172



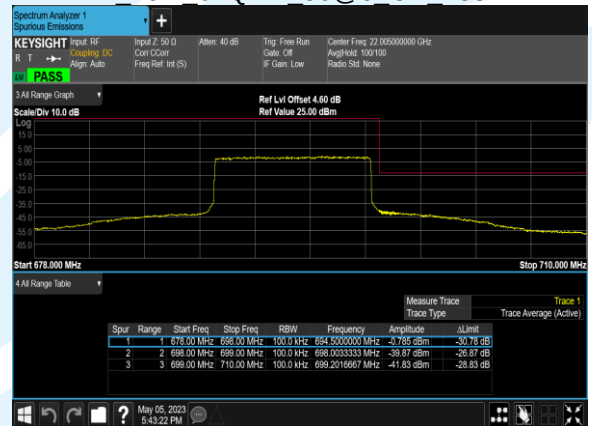
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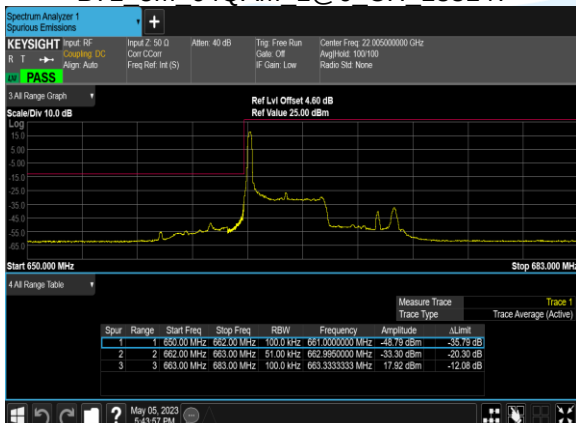
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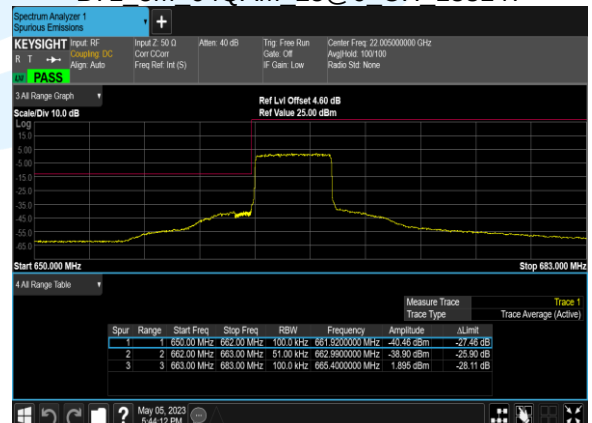
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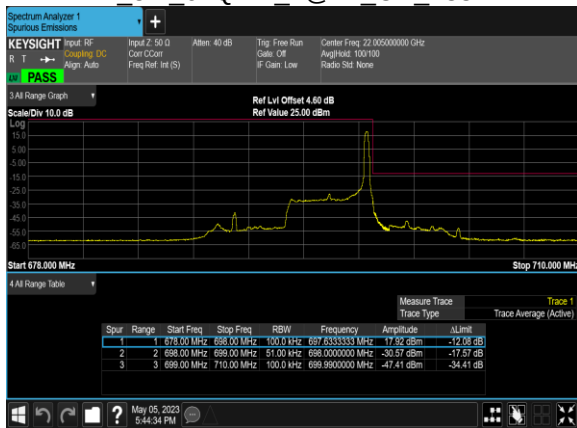
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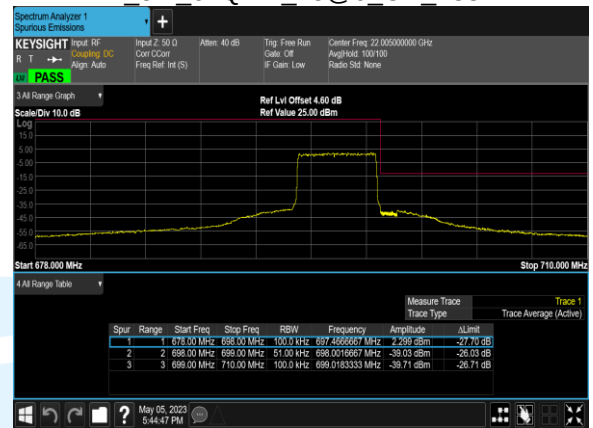
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B71_5M_64QAM_1@24_CH_133447



B71_5M_64QAM_25@0_CH_133447



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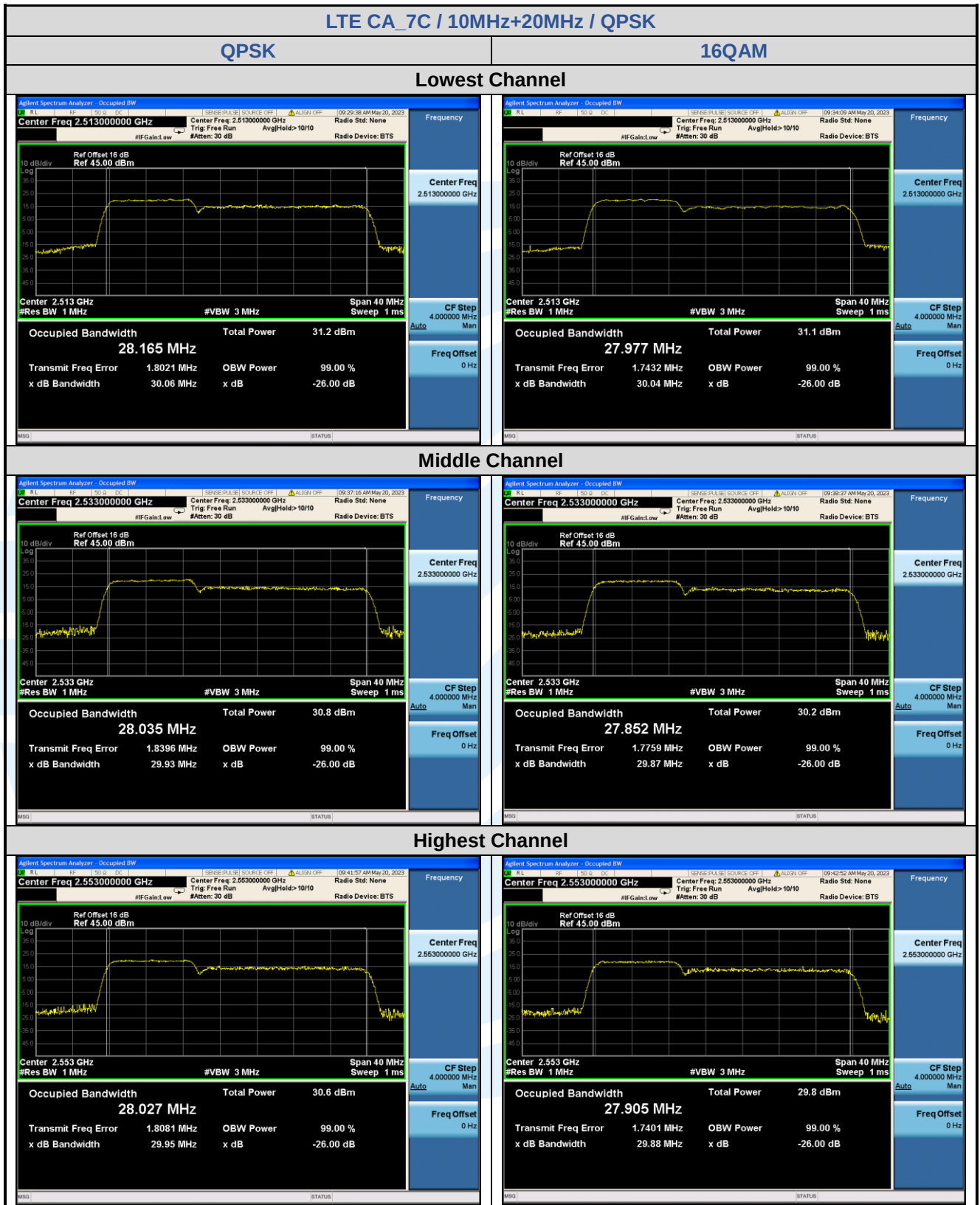
UTTR-RF-FCC4G-V1.1

A.10 LTE CA_7C

Occupied Bandwidth

LTE CA_7C							
Channel	RB Configuration	26 dB BW (MHz)			99% BW (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
Combination 10MHz+20MHz							
Lowest	Full RB	30.06	30.04	29.97	28.165	27.977	27.980
Middle		29.93	29.87	29.87	28.035	27.852	27.882
Highest		29.95	29.88	29.99	28.027	27.905	27.915
Combination 20MHz+10MHz							
Lowest	Full RB	30.27	30.14	30.07	28.043	28.050	28.066
Middle		30.07	30.03	30.03	27.295	27.914	27.949
Highest		30.11	30.10	29.99	28.011	27.916	27.914
Combination 15MHz+10MHz							
Lowest	Full RB	25.49	25.36	25.44	23.479	23.383	23.403
Middle		25.36	25.36	25.35	23.411	23.331	23.289
Highest		25.39	25.38	25.33	23.453	23.435	23.414
Combination 15MHz+15MHz							
Lowest	Full RB	30.79	30.68	30.65	28.698	28.629	28.626
Middle		30.67	30.57	30.50	28.589	28.478	28.443
Highest		30.69	30.59	30.58	28.562	28.614	28.576
Combination 15MHz+20MHz							
Lowest	Full RB	35.08	34.93	34.96	32.858	32.793	32.822
Middle		34.98	34.85	34.88	32.800	32.656	32.625
Highest		35.02	35.02	35.04	32.893	32.780	32.738
Combination 20MHz+15MHz							
Lowest	Full RB	35.17	35.07	35.13	32.866	32.886	32.854
Middle		35.13	35.01	35.01	32.768	32.747	32.724
Highest		35.12	35.08	35.00	32.841	32.887	32.844
Combination 20MHz+20MHz							
Lowest	Full RB	40.14	39.93	39.92	37.610	37.618	37.630
Middle		40.06	39.84	39.92	37.556	37.515	37.543
Highest		40.06	39.90	39.86	37.626	37.641	37.581

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