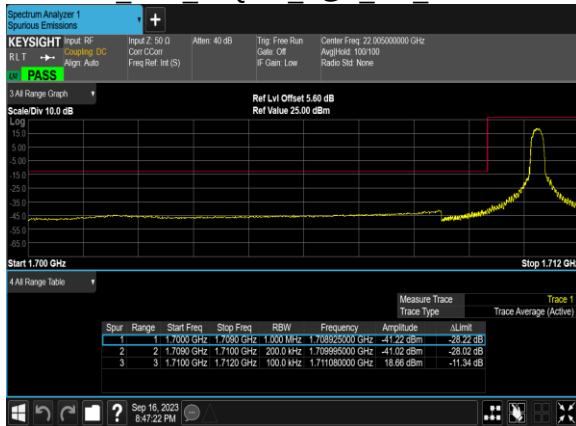
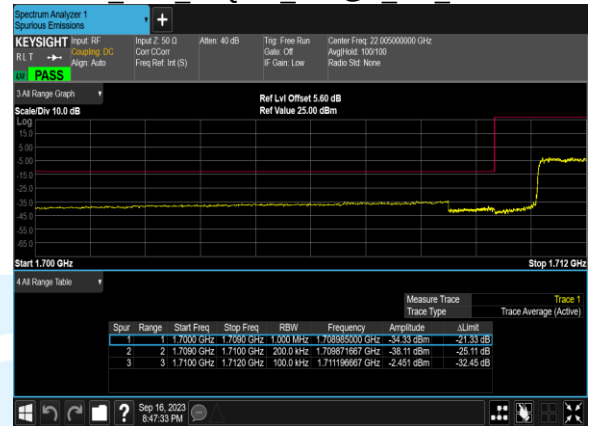


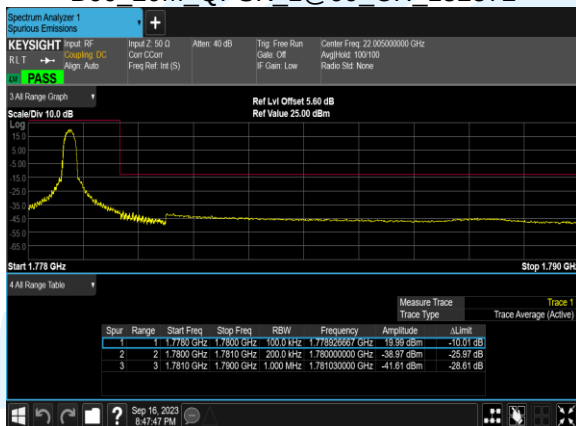
B66 20M 16QAM 1@0 CH 132072



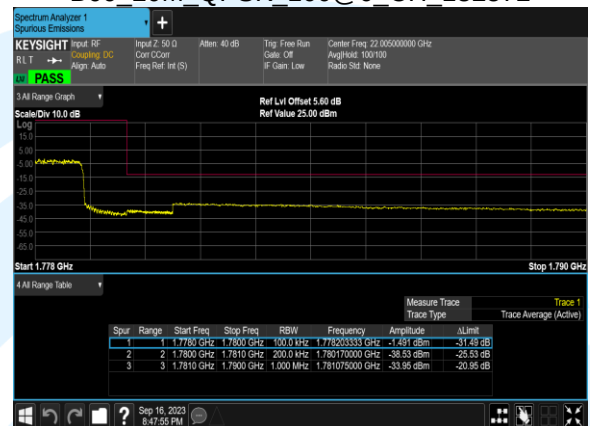
B66 20M 16QAM 100@0 CH 132072



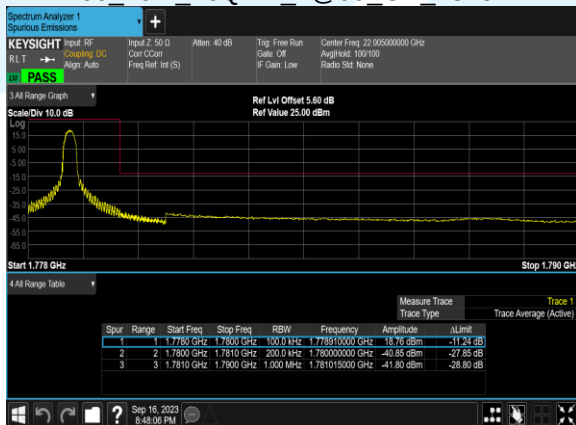
B66 20M QPSK 1@99 CH 132572



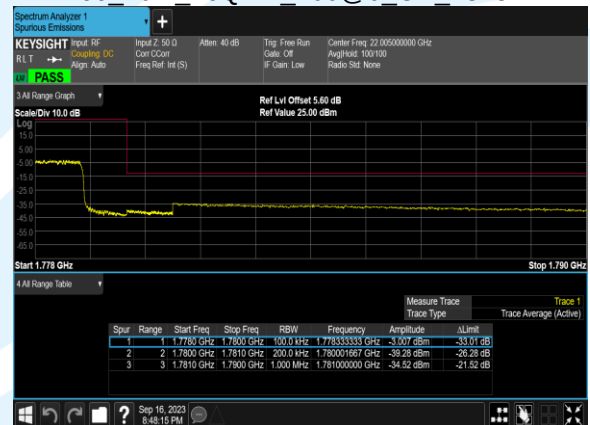
B66 20M QPSK 100@0 CH 132572



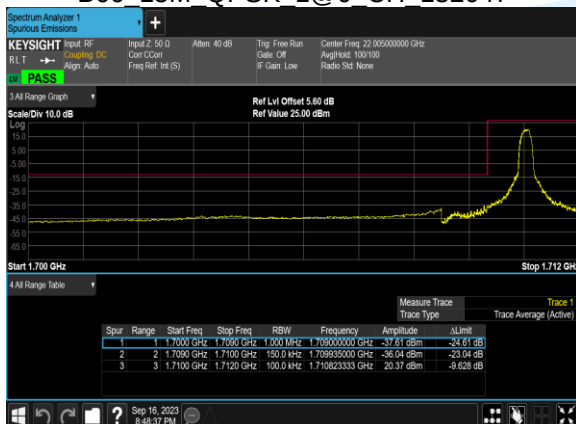
B66 20M 16QAM 1@99 CH 132572



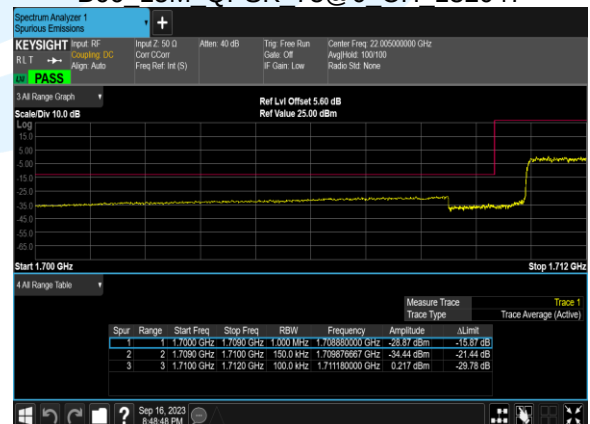
B66 20M 16QAM 100@0 CH 132572



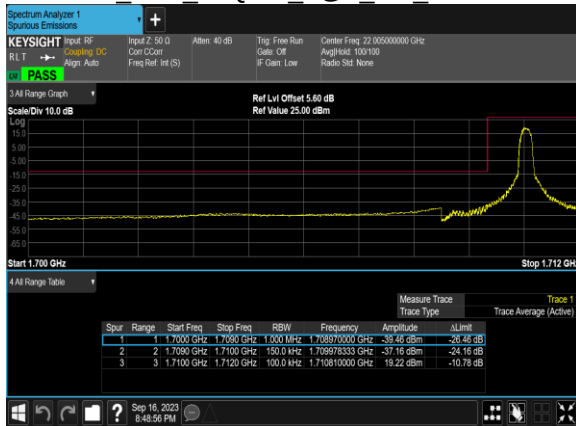
B66 15M QPSK 1@0 CH 132047



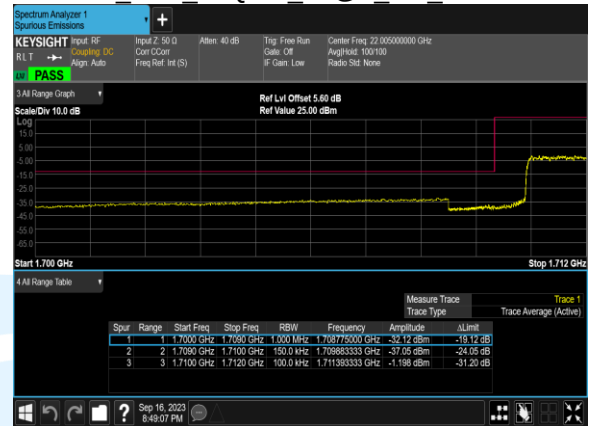
B66 15M QPSK 75@0 CH 132047



B66 15M 16QAM 1@0 CH 132047



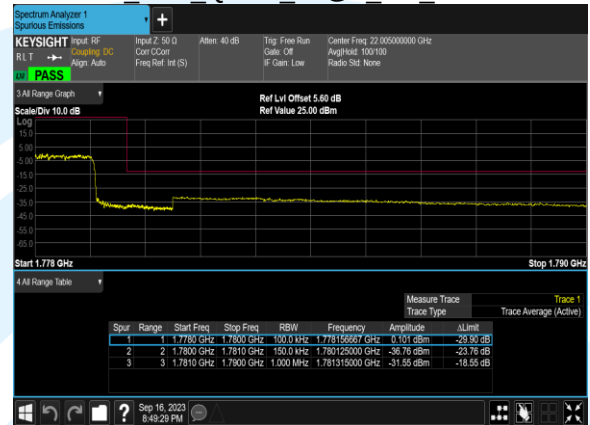
B66 15M 16QAM 75@0 CH 132047



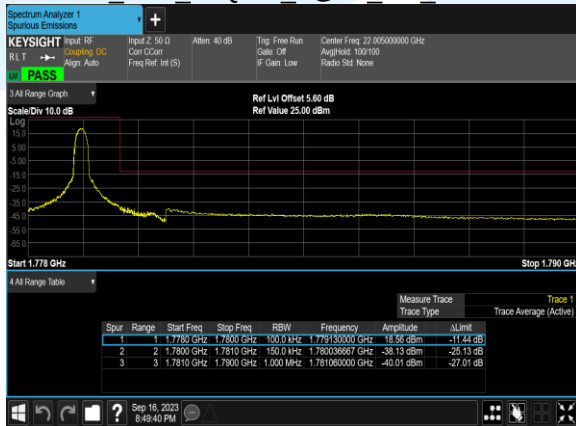
B66 15M QPSK 1@74 CH 132597



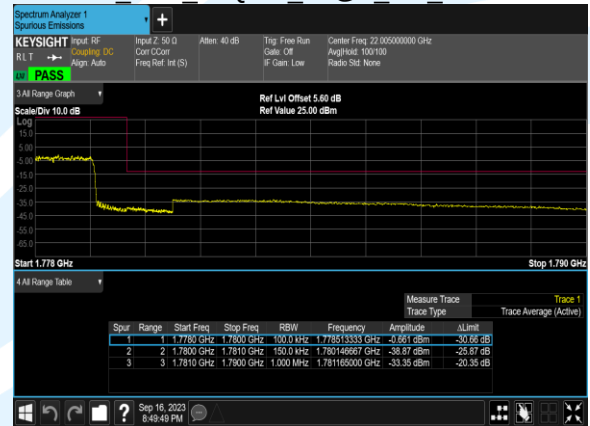
B66 15M QPSK 75@0 CH 132597



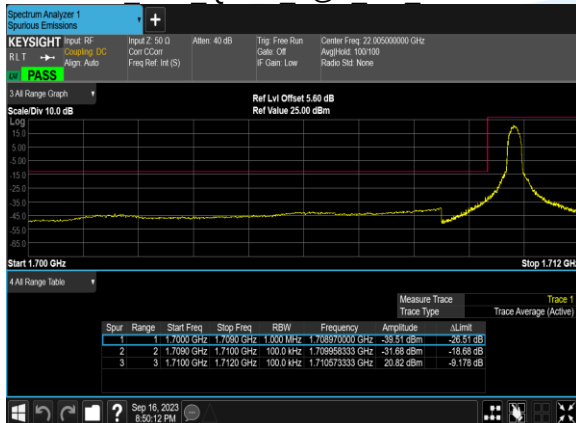
B66 15M 16QAM 1@74 CH 132597



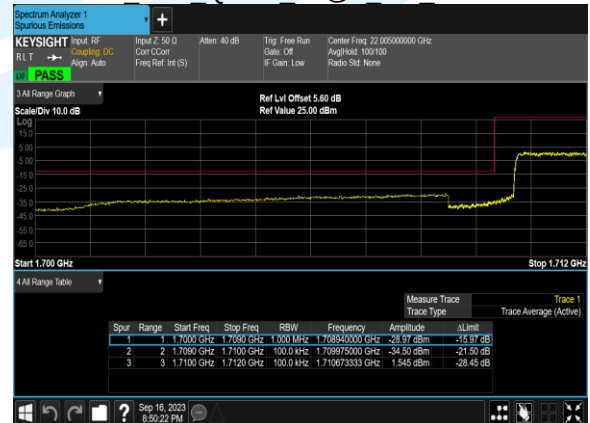
B66 15M 16QAM 75@0 CH 132597



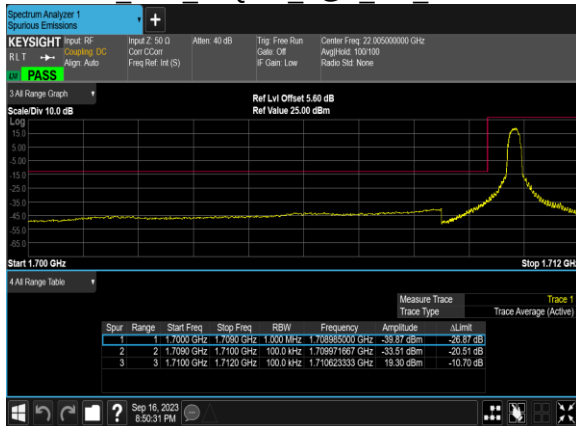
B66 10M QPSK 1@0 CH 132022



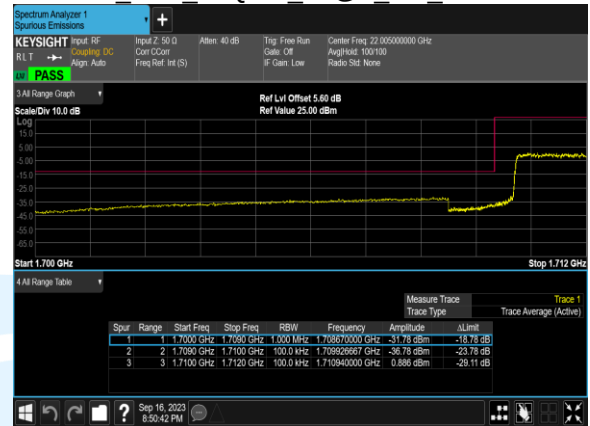
B66 10M QPSK 50@0 CH 132022



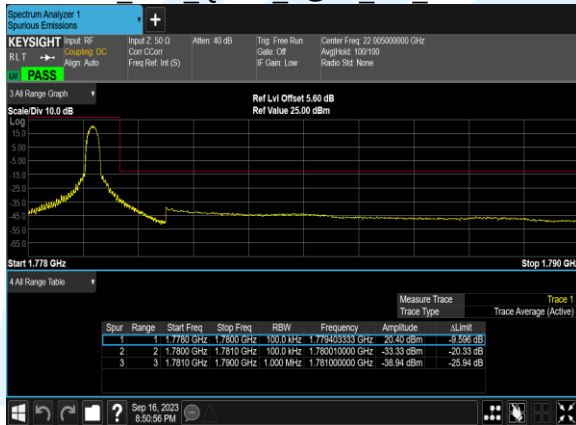
B66 10M 16QAM 1@0 CH 132022



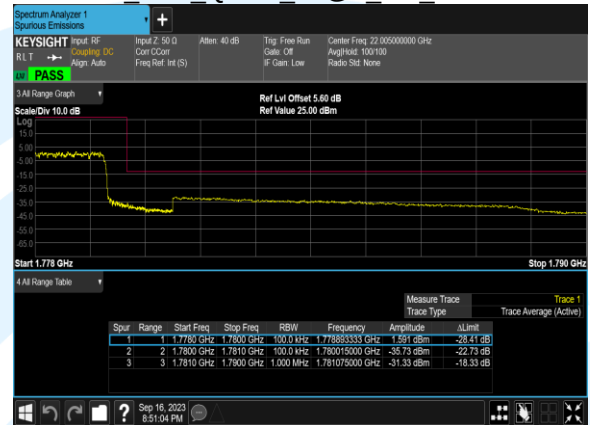
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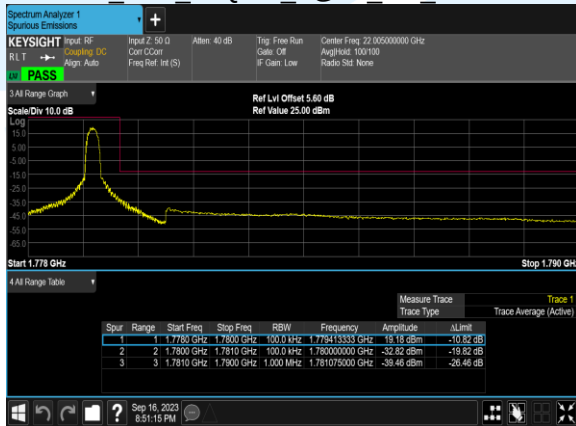
B66 10M QPSK 1@49 CH 132622



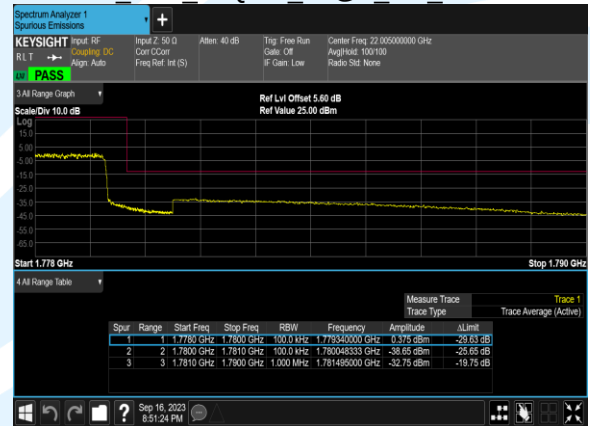
B66 10M QPSK 50@0 CH 132622



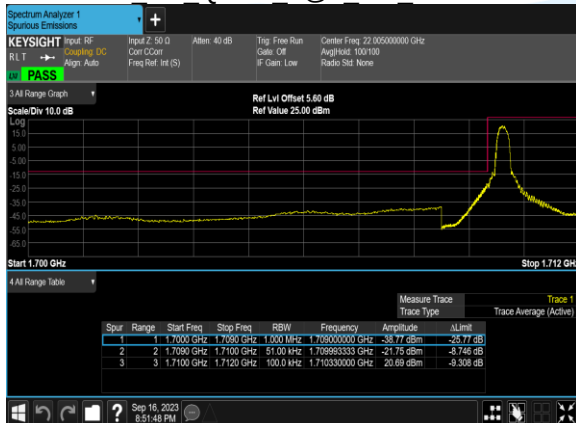
B66 10M 16QAM 1@49 CH 132622



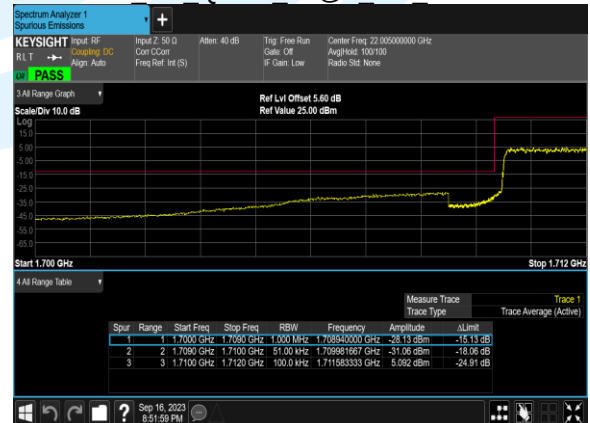
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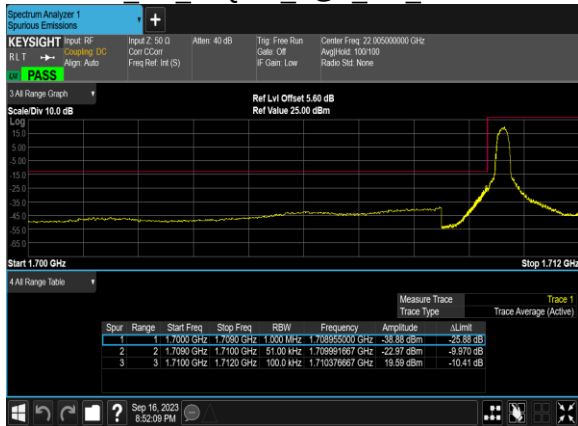
B66 5M QPSK 1@0 CH 131997



B66 5M QPSK 25@0 CH 131997



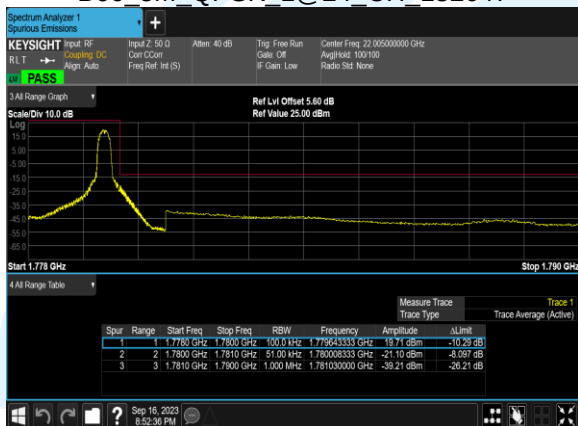
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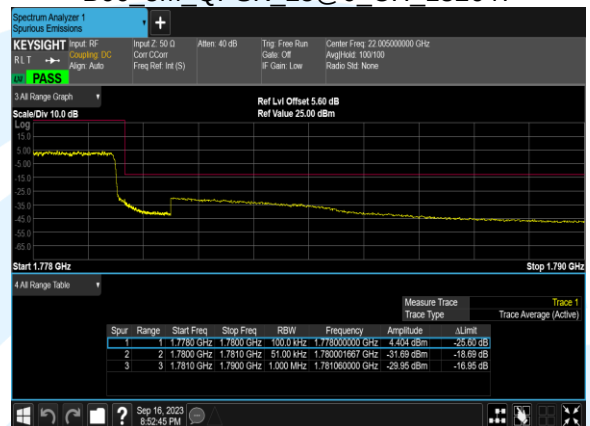
B66 5M 16QAM 25@0 CH 131997



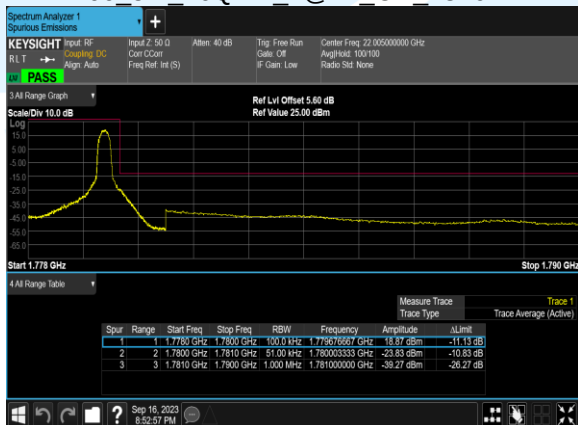
B66 5M QPSK 1@24 CH 132647



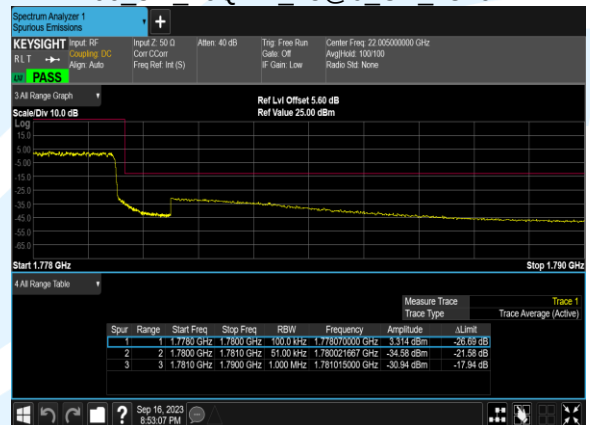
B66 5M QPSK 25@0 CH 132647



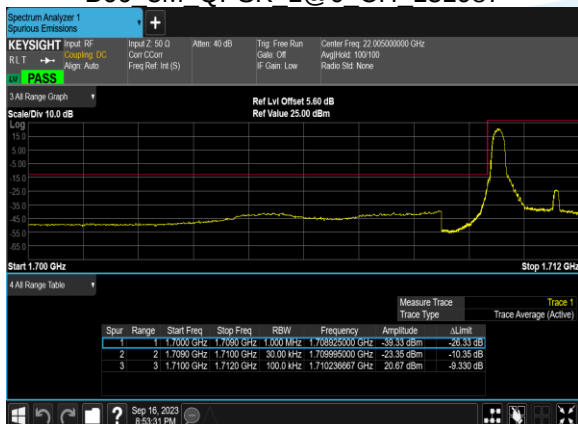
B66 5M 16QAM 1@24 CH 132647



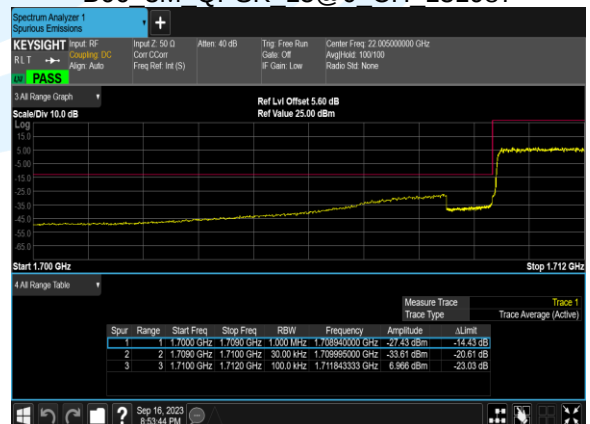
B66 5M 16QAM 25@0 CH 132647



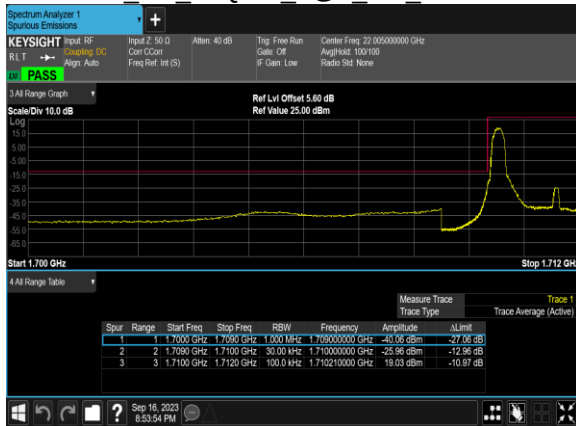
B66 3M QPSK 1@0 CH 131987



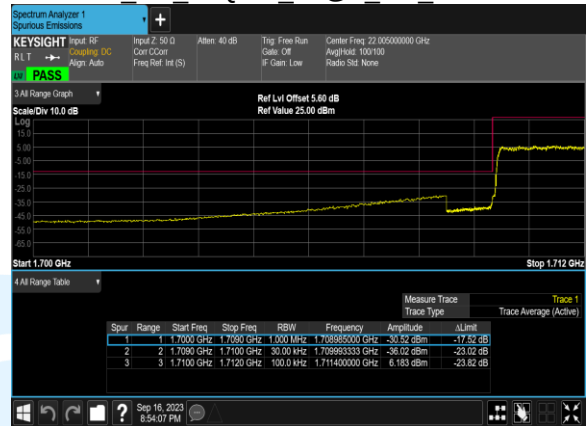
B66 3M QPSK 15@0 CH 131987



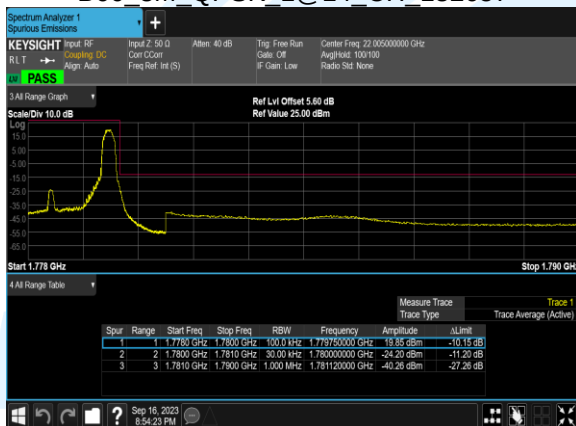
B66 3M 16QAM 1@0 CH 131987



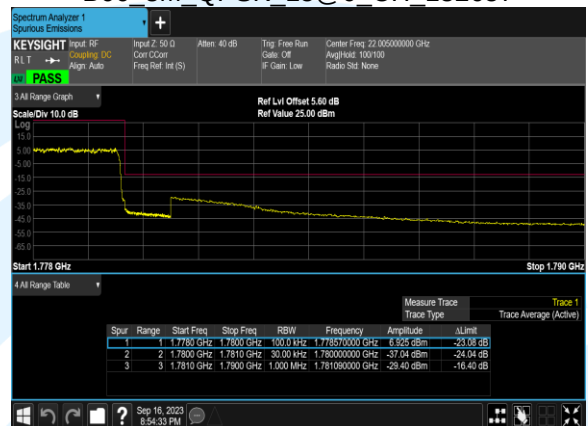
B66 3M 16QAM 15@0 CH 131987



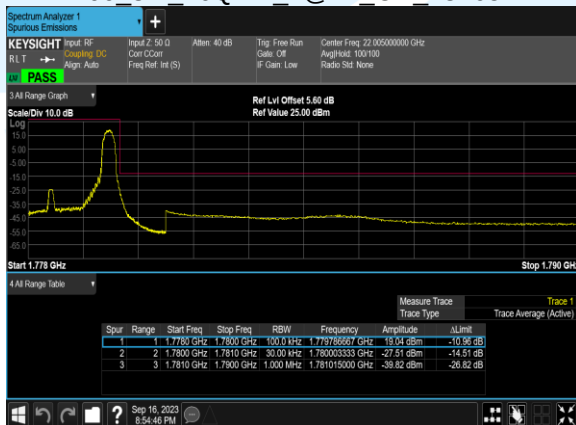
B66 3M QPSK 1@14 CH 132657



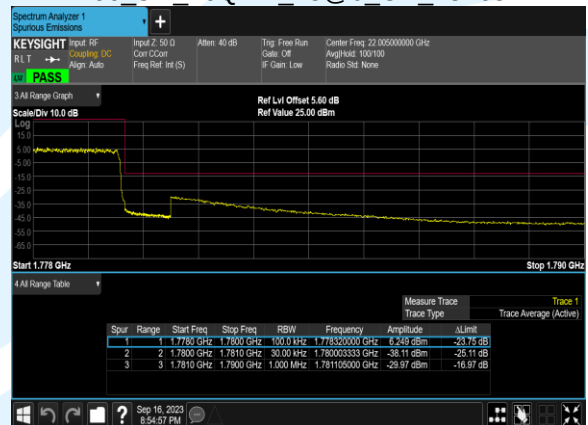
B66 3M QPSK 15@0 CH 132657



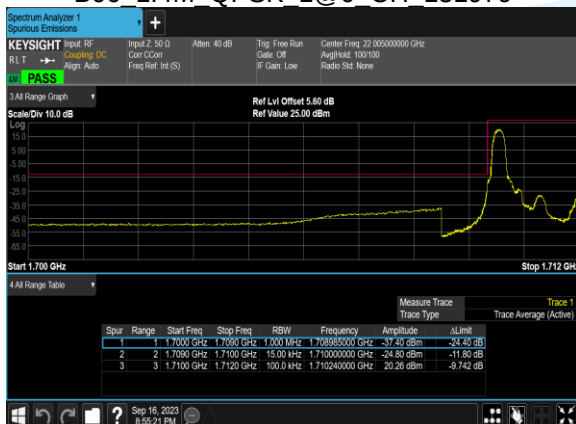
B66 3M 16QAM 1@14 CH 132657



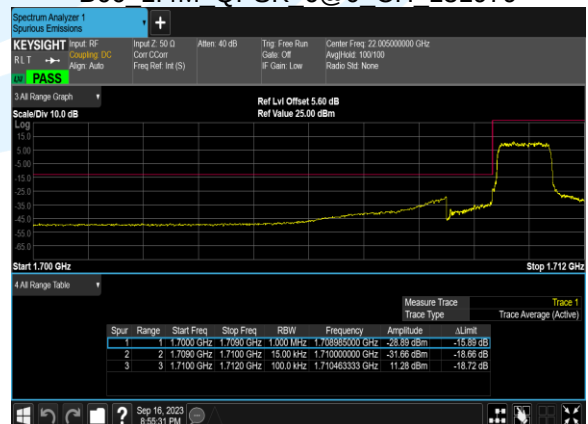
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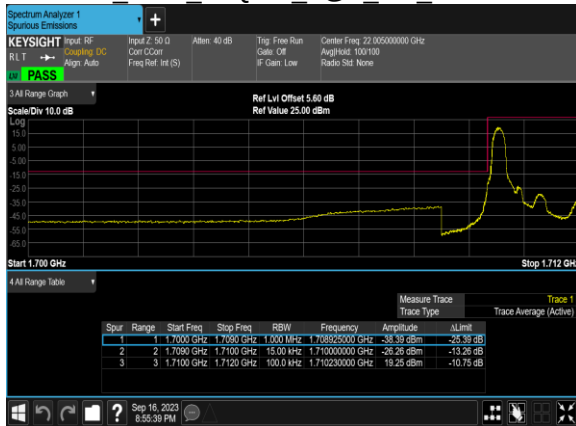
B66 1.4M QPSK 1@0 CH 131979



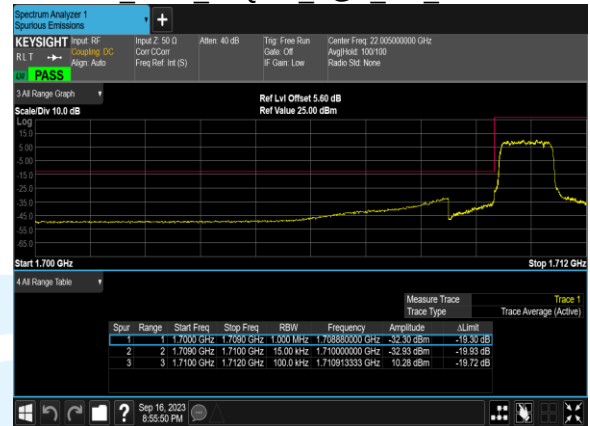
B66 1.4M QPSK 6@0 CH 131979



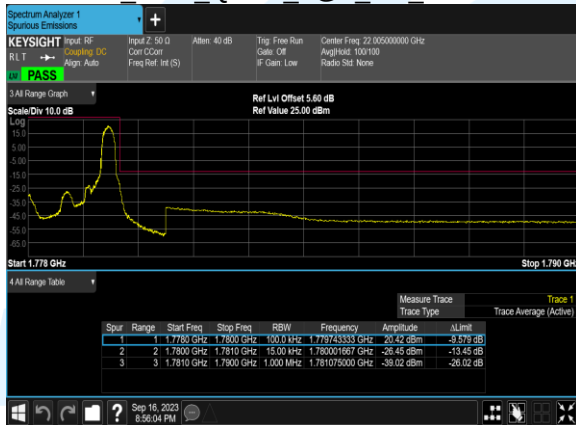
B66 1.4M 16QAM 1@0 CH 131979



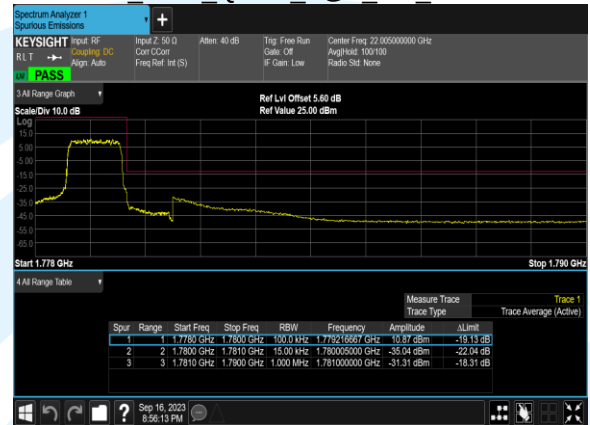
B66 1.4M 16QAM 6@0 CH 131979



B66 1.4M QPSK 1@5 CH 132665



B66 1.4M QPSK 6@0 CH 132665



B66 1.4M 16QAM 1@5 CH 132665



B66 1.4M 16QAM 6@0 CH 132665



A.11 LTE BAND 71

Peak to Average Ratio

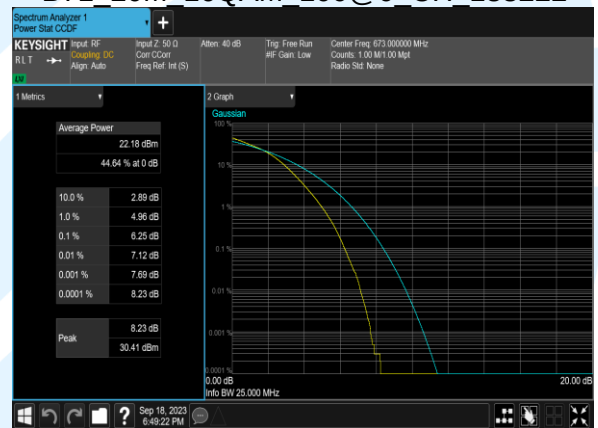
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
71	20.0	133222	673.0	QPSK	100@0	5.60	13	PASS
71	20.0	133222	673.0	16QAM	100@0	6.25	13	PASS
71	20.0	133322	683.0	QPSK	100@0	5.54	13	PASS
71	20.0	133322	683.0	16QAM	100@0	6.27	13	PASS
71	20.0	133372	688.0	QPSK	100@0	5.51	13	PASS
71	20.0	133372	688.0	16QAM	100@0	6.20	13	PASS
71	15.0	133197	670.5	QPSK	75@0	5.41	13	PASS
71	15.0	133197	670.5	16QAM	75@0	6.16	13	PASS
71	15.0	133297	680.5	QPSK	75@0	5.39	13	PASS
71	15.0	133297	680.5	16QAM	75@0	6.15	13	PASS
71	15.0	133397	690.5	QPSK	75@0	5.37	13	PASS
71	15.0	133397	690.5	16QAM	75@0	6.09	13	PASS
71	10.0	133172	668.0	QPSK	50@0	5.56	13	PASS
71	10.0	133172	668.0	16QAM	50@0	6.20	13	PASS
71	10.0	133297	680.5	QPSK	50@0	5.55	13	PASS
71	10.0	133297	680.5	16QAM	50@0	6.26	13	PASS
71	10.0	133422	693.0	QPSK	50@0	5.54	13	PASS
71	10.0	133422	693.0	16QAM	50@0	6.25	13	PASS
71	5.0	133147	665.5	QPSK	25@0	5.44	13	PASS
71	5.0	133147	665.5	16QAM	25@0	6.10	13	PASS
71	5.0	133297	680.5	QPSK	25@0	5.57	13	PASS
71	5.0	133297	680.5	16QAM	25@0	6.23	13	PASS
71	5.0	133447	695.5	QPSK	25@0	5.53	13	PASS
71	5.0	133447	695.5	16QAM	25@0	6.18	13	PASS

Test Graphs

B71_20M_QPSK_100@0_CH_133222



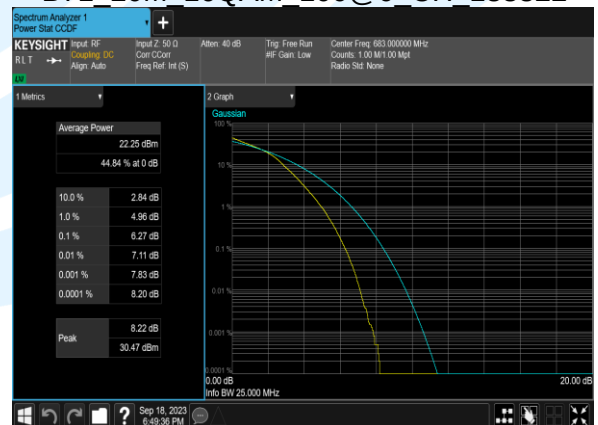
B71_20M_16QAM_100@0_CH_133222



B71_20M_QPSK_100@0_CH_133322



B71_20M_16QAM_100@0_CH_133322



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UTTR-RF-FCC4G-V1.1

B71_20M QPSK 100@0 CH 133372



B71_20M 16QAM 100@0 CH 133372



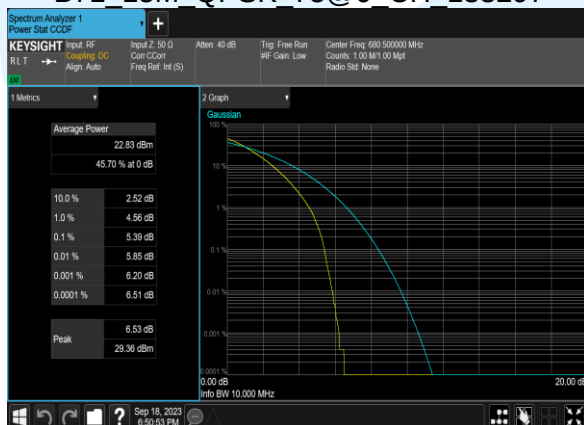
B71_15M QPSK 75@0 CH 133197



B71_15M 16QAM 75@0 CH 133197



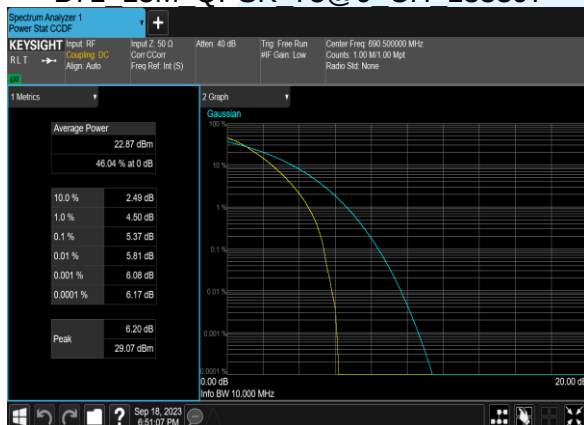
B71_15M QPSK 75@0 CH 133297



B71_15M 16QAM 75@0 CH 133297



B71_15M QPSK 75@0 CH 133397



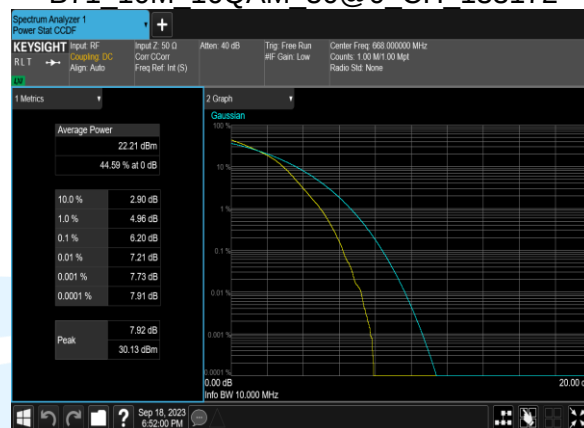
B71_15M 16QAM 75@0 CH 133397



B71 10M QPSK 50@0 CH 133172



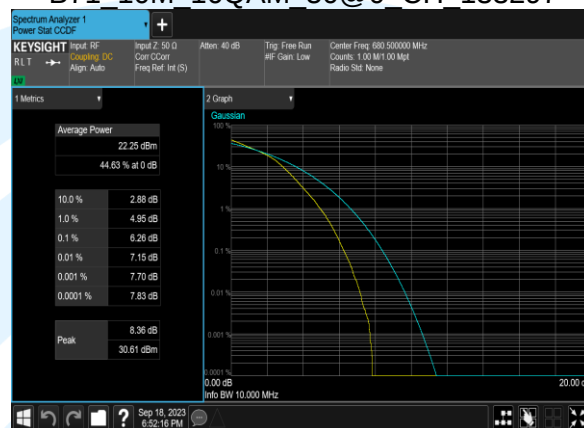
B71 10M 16QAM 50@0 CH 133172



B71 10M QPSK 50@0 CH 133297



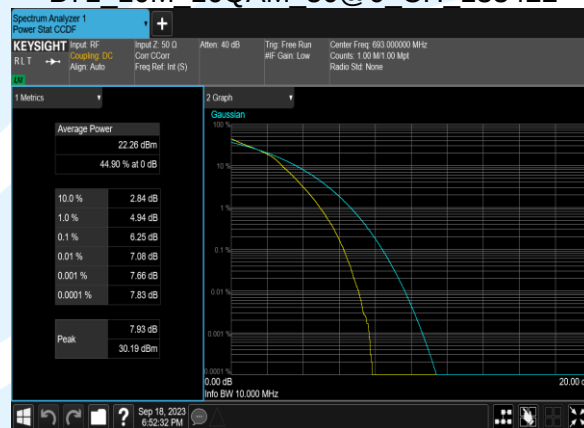
B71 10M 16QAM 50@0 CH 133297



B71 10M QPSK 50@0 CH 133422



B71 10M 16QAM 50@0 CH 133422



B71 5M QPSK 25@0 CH 133147



B71 5M 16QAM 25@0 CH 133147



B71_5M QPSK 25@0 CH 133297



B71_5M 16QAM 25@0 CH 133297



B71_5M QPSK 25@0 CH 133447



B71_5M 16QAM 25@0 CH 133447

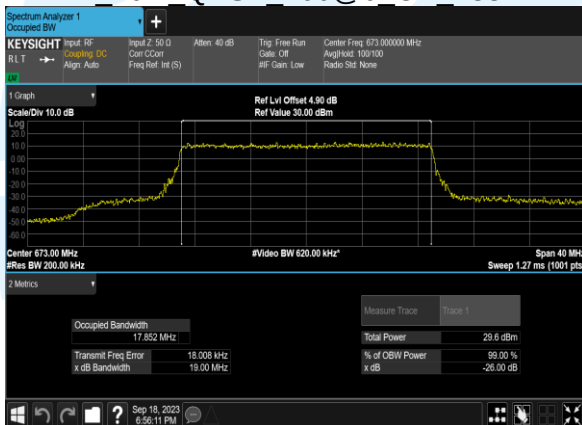


Occupied Bandwidth

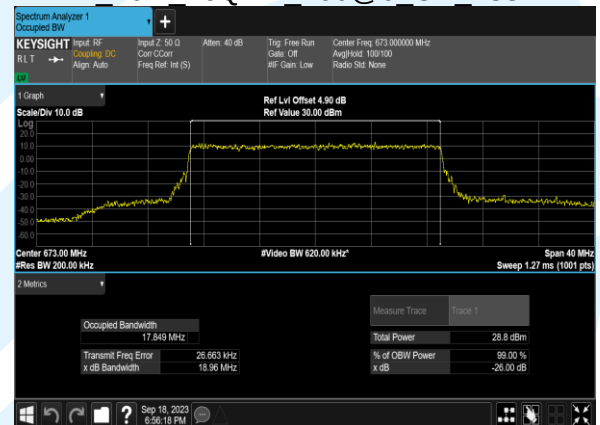
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	20.0	133222	673.0	QPSK	100@0	17.852	19.00
71	20.0	133222	673.0	16QAM	100@0	17.849	18.96
71	20.0	133322	683.0	QPSK	100@0	17.851	18.81
71	20.0	133322	683.0	16QAM	100@0	17.851	19.21
71	20.0	133372	688.0	QPSK	100@0	17.922	19.23
71	20.0	133372	688.0	16QAM	100@0	17.877	19.01
71	15.0	133197	670.5	QPSK	75@0	13.424	14.43
71	15.0	133197	670.5	16QAM	75@0	13.418	14.50
71	15.0	133297	680.5	QPSK	75@0	13.435	14.75
71	15.0	133297	680.5	16QAM	75@0	13.442	14.39
71	15.0	133397	690.5	QPSK	75@0	13.410	14.44
71	15.0	133397	690.5	16QAM	75@0	13.405	14.43
71	10.0	133172	668.0	QPSK	50@0	8.9230	9.840
71	10.0	133172	668.0	16QAM	50@0	8.9531	9.622
71	10.0	133297	680.5	QPSK	50@0	8.9529	9.715
71	10.0	133297	680.5	16QAM	50@0	8.9437	9.691
71	10.0	133422	693.0	QPSK	50@0	8.9483	9.640
71	10.0	133422	693.0	16QAM	50@0	8.9269	9.847
71	5.0	133147	665.5	QPSK	25@0	4.4606	4.943
71	5.0	133147	665.5	16QAM	25@0	4.4662	4.980
71	5.0	133297	680.5	QPSK	25@0	4.4719	5.055
71	5.0	133297	680.5	16QAM	25@0	4.4702	5.020
71	5.0	133447	695.5	QPSK	25@0	4.4736	4.967
71	5.0	133447	695.5	16QAM	25@0	4.4641	5.012

Test Graphs

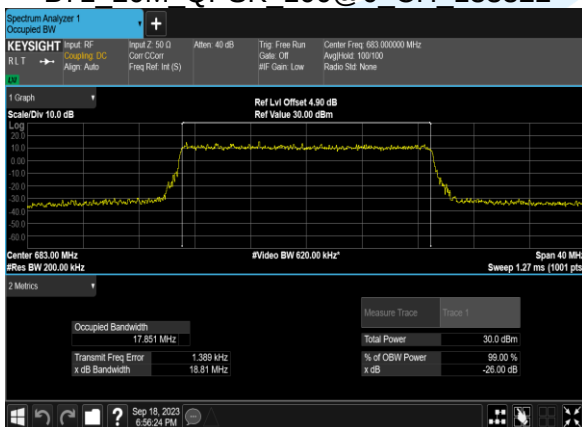
B71_20M_QPSK_100@0_CH_133222



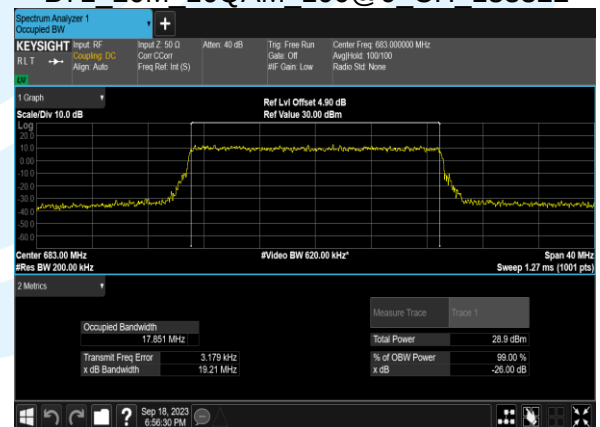
B71_20M_16QAM_100@0_CH_133222



B71_20M_QPSK_100@0_CH_133322



B71_20M_16QAM_100@0_CH_133322



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E-mail: info@uttlab.com

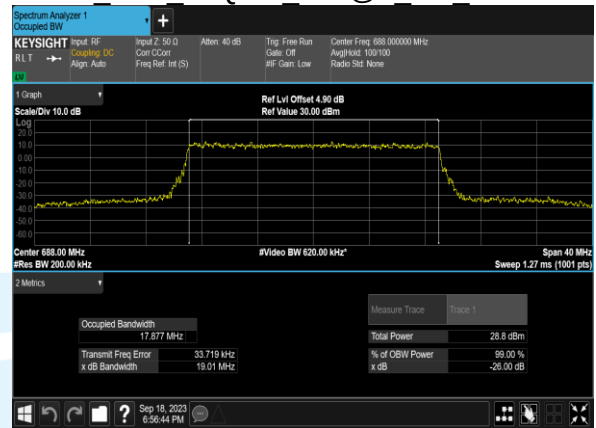
<http://www.uttlab.com>

UTTR-RF-FCC4G-V1.1

B71_20M QPSK 100@0 CH 133372



B71_20M 16QAM 100@0 CH 133372



B71_15M QPSK 75@0 CH 133197



B71_15M 16QAM 75@0 CH 133197



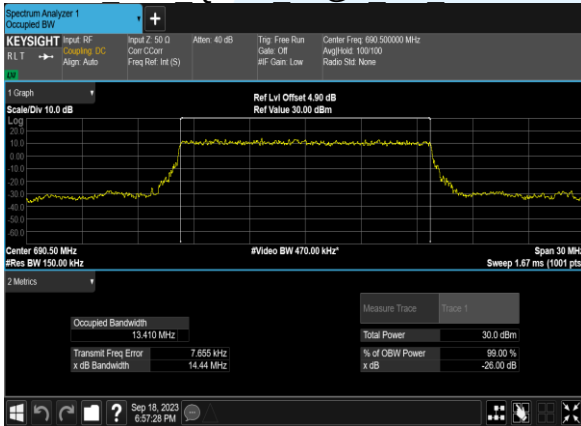
B71_15M QPSK 75@0 CH 133297



B71_15M 16QAM 75@0 CH 133297



B71_15M QPSK 75@0 CH 133397



B71_15M 16QAM 75@0 CH 133397

