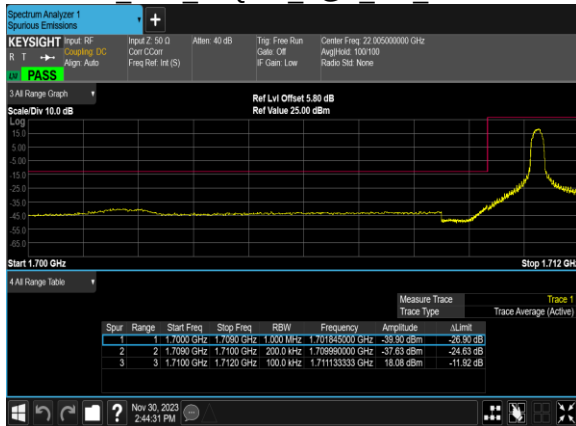
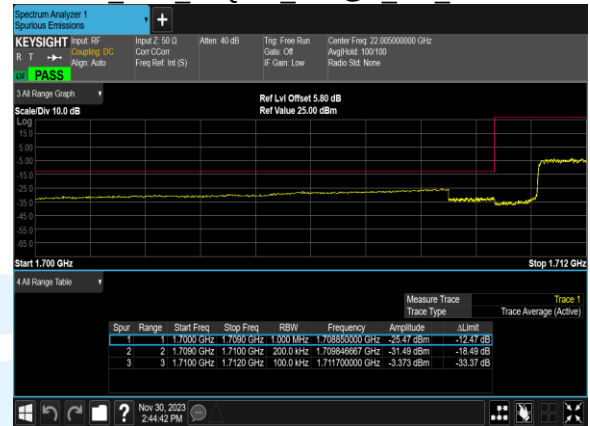


B66 20M 16QAM 1@0 CH 132072



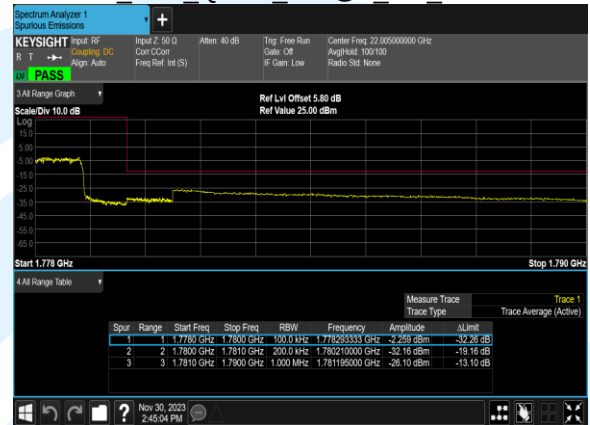
B66 20M 16QAM 100@0 CH 132072



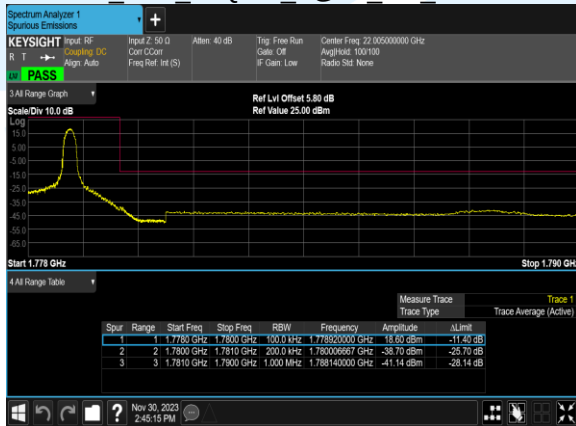
B66 20M QPSK 1@99 CH 132572



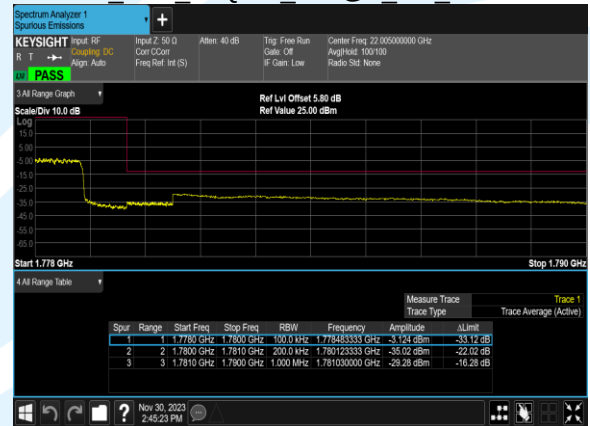
B66 20M QPSK 100@0 CH 132572



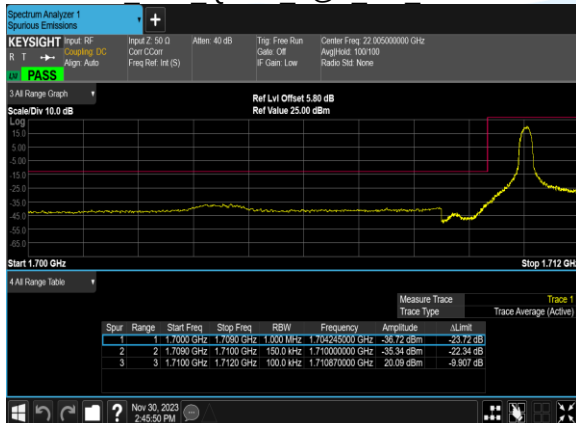
B66 20M 16QAM 1@99 CH 132572



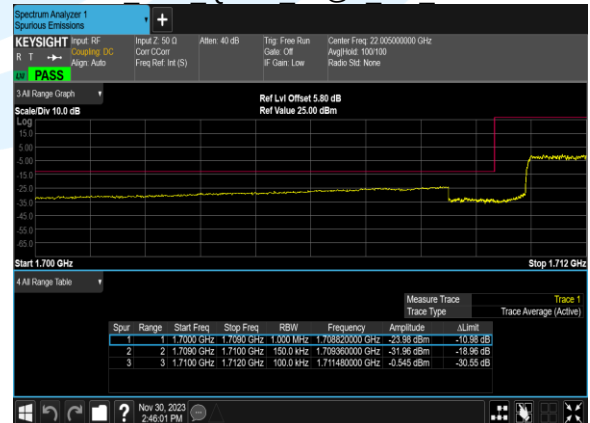
B66 20M 16QAM 100@0 CH 132572



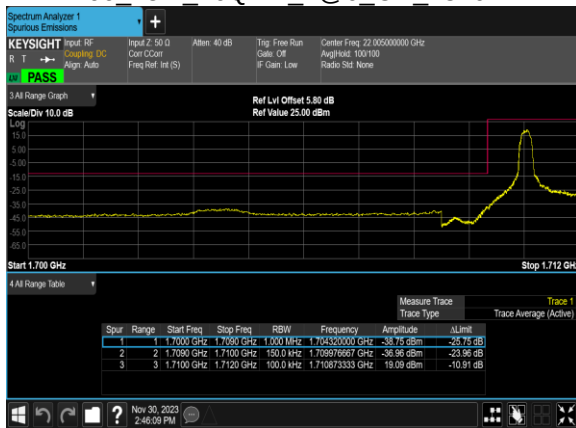
B66 15M QPSK 1@0 CH 132047



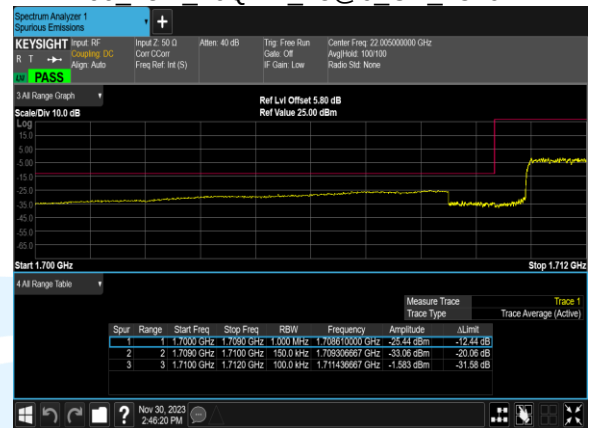
B66 15M QPSK 75@0 CH 132047



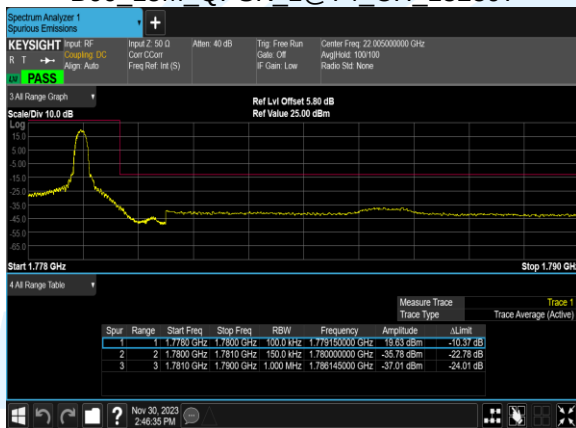
B66 15M 16QAM 1@0 CH 132047



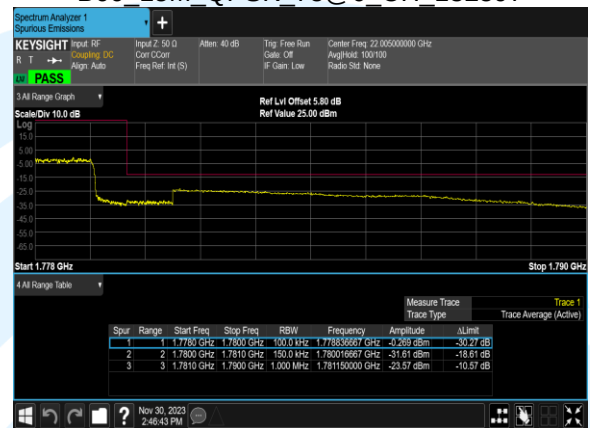
B66 15M 16QAM 75@0 CH 132047



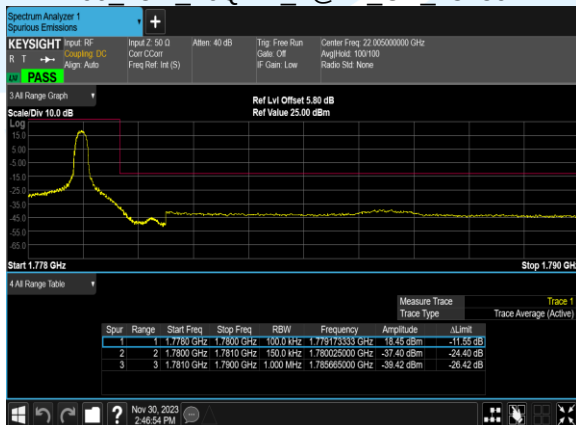
B66 15M QPSK 1@74 CH 132597



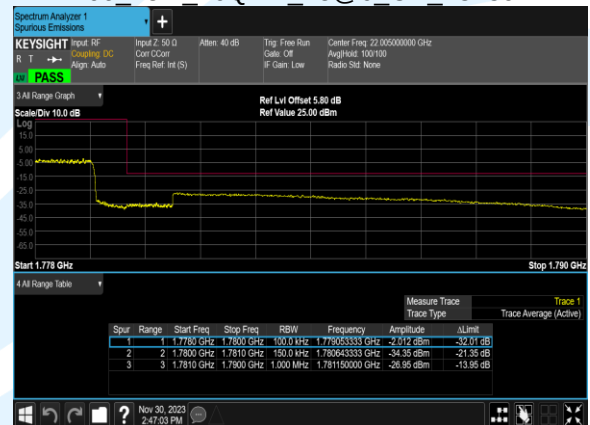
B66 15M QPSK 75@0 CH 132597



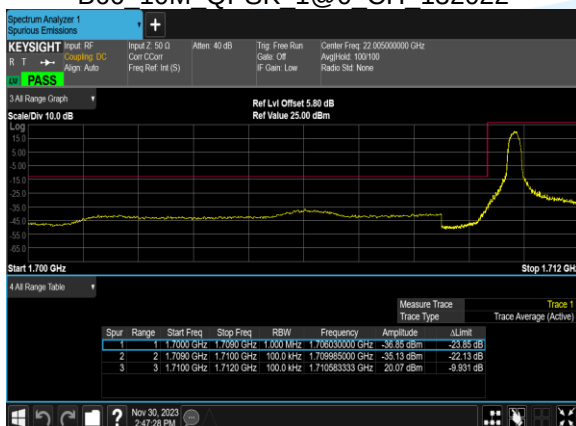
B66 15M 16QAM 1@74 CH 132597



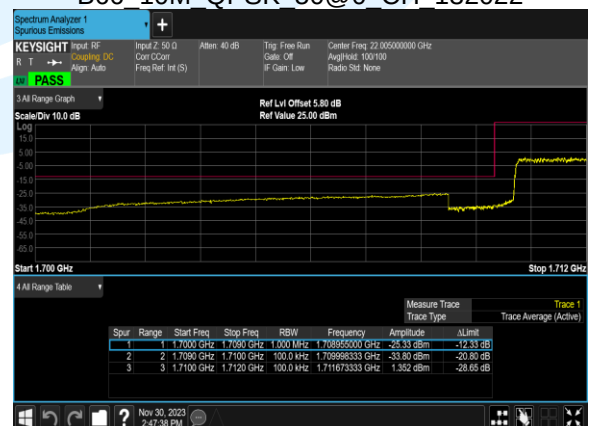
B66 15M 16QAM 75@0 CH 132597



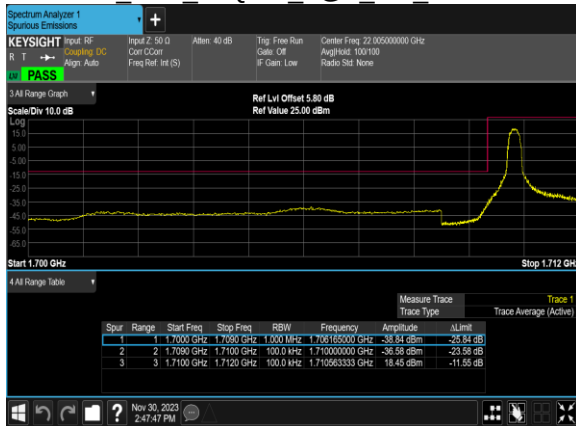
B66 10M QPSK 1@0 CH 132022



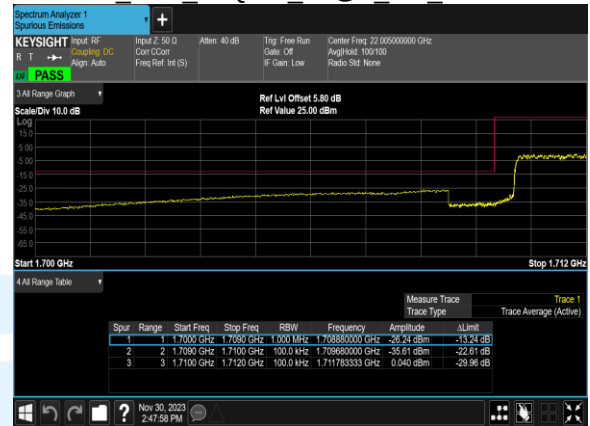
B66 10M QPSK 50@0 CH 132022



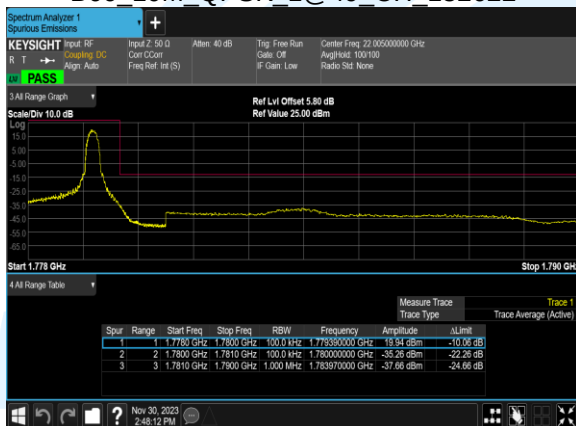
B66 10M 16QAM 1@0 CH 132022



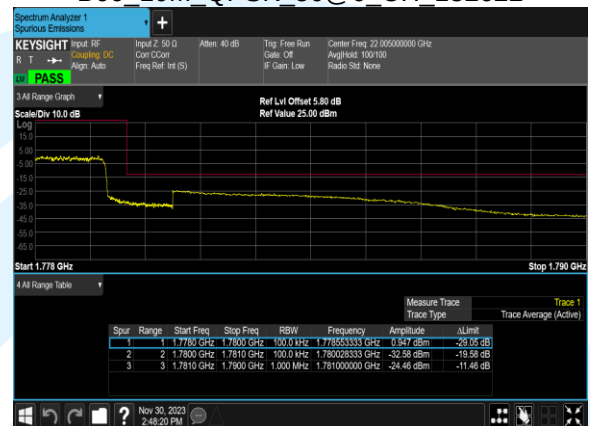
B66 10M 16QAM 50@0 CH 132022



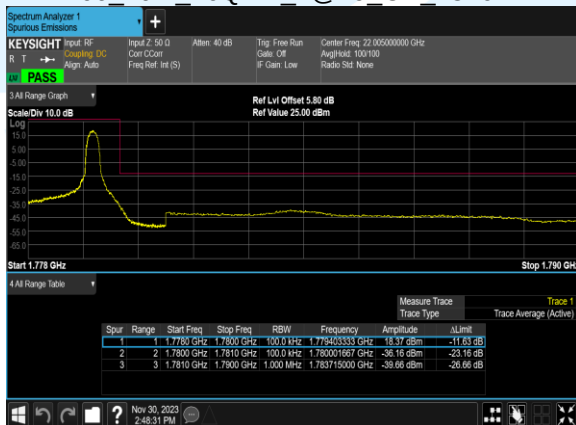
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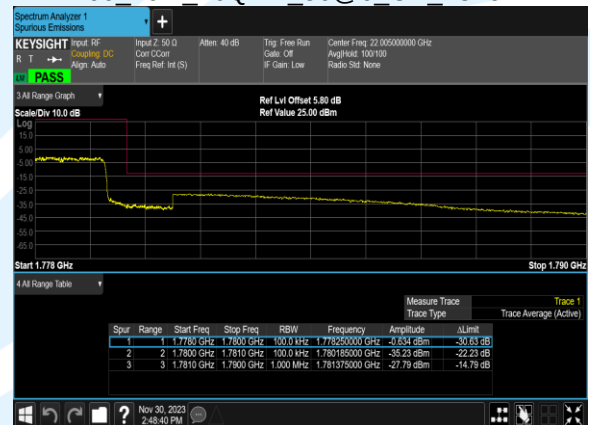
B66 10M QPSK 50@0 CH 132622



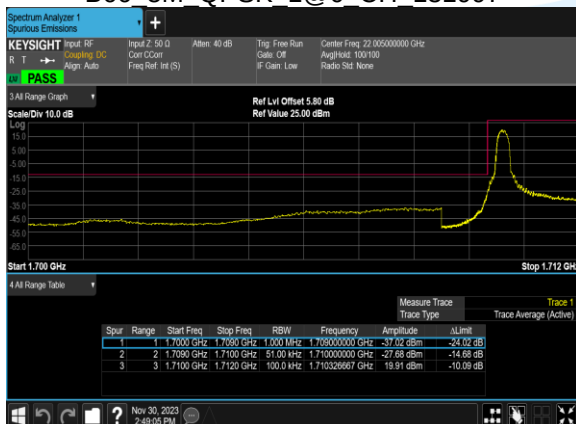
B66 10M 16QAM 1@49 CH 132622



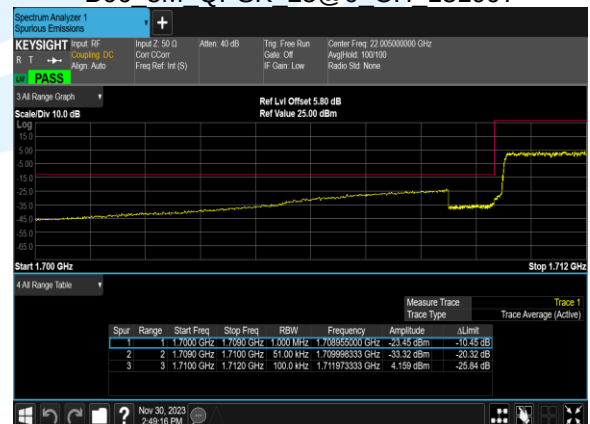
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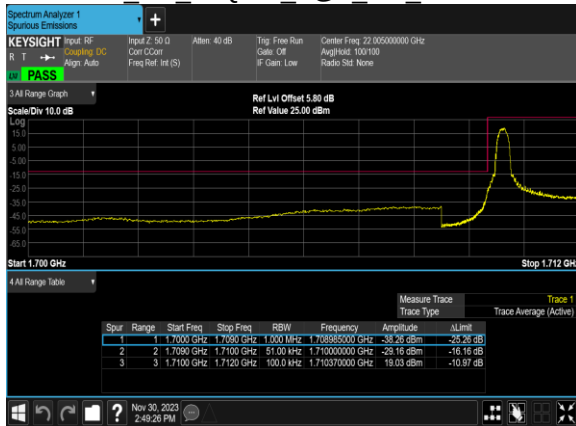
B66 5M QPSK 1@0 CH 131997



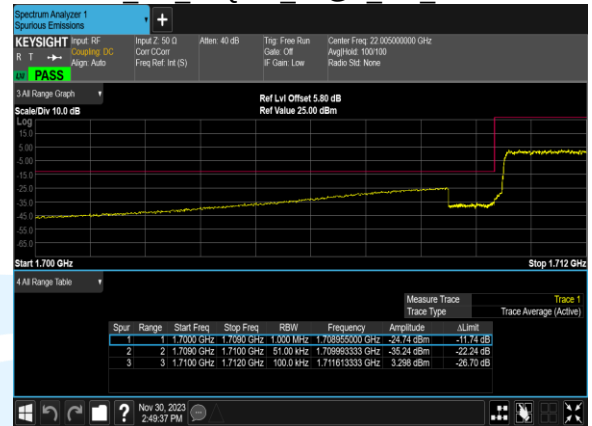
B66 5M QPSK 25@0 CH 131997



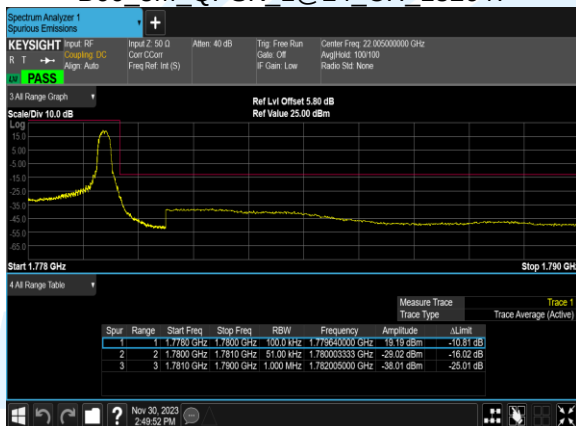
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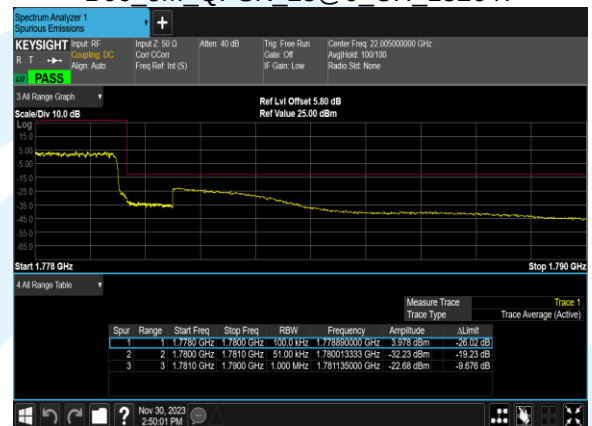
B66 5M 16QAM 25@0 CH 131997



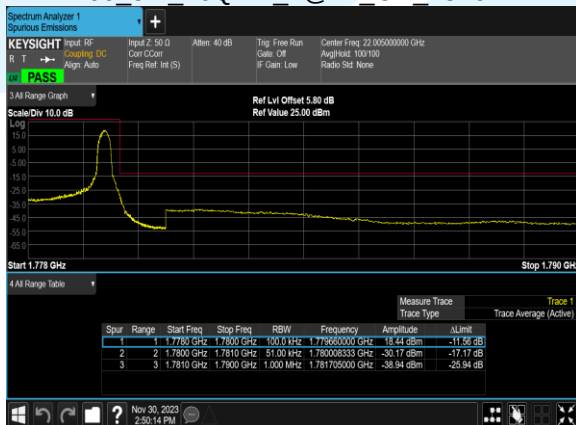
B66 5M QPSK 1@24 CH 132647



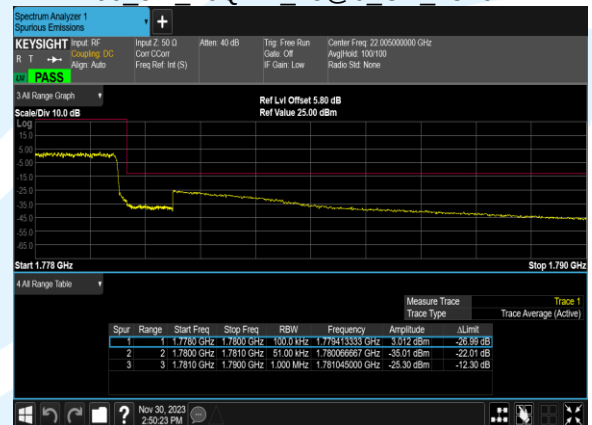
B66 5M QPSK 25@0 CH 132647



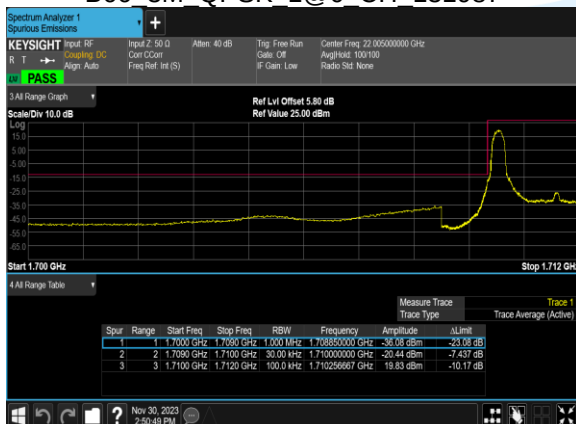
B66 5M 16QAM 1@24 CH 132647



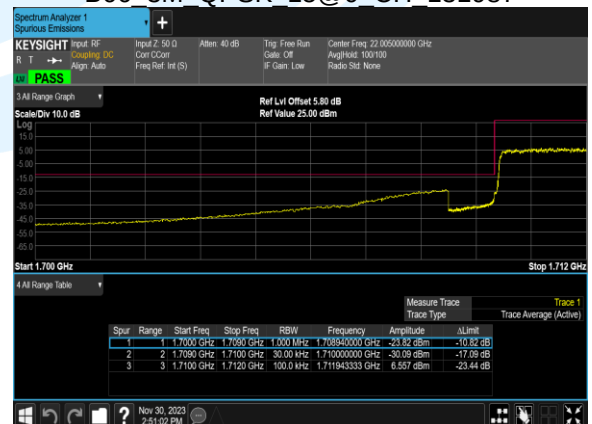
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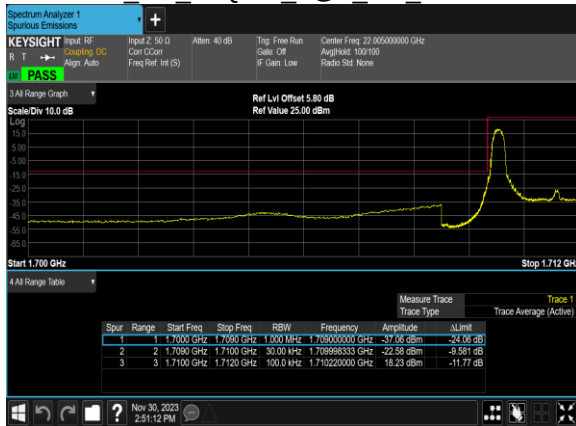
B66 3M QPSK 1@0 CH 131987



B66 3M QPSK 15@0 CH 131987



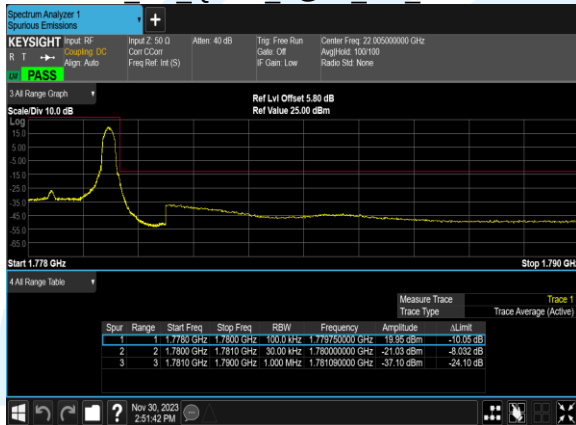
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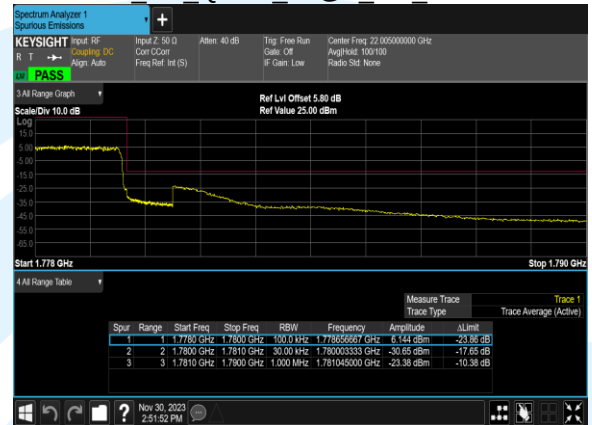
B66 3M 16QAM 15@0 CH 131987



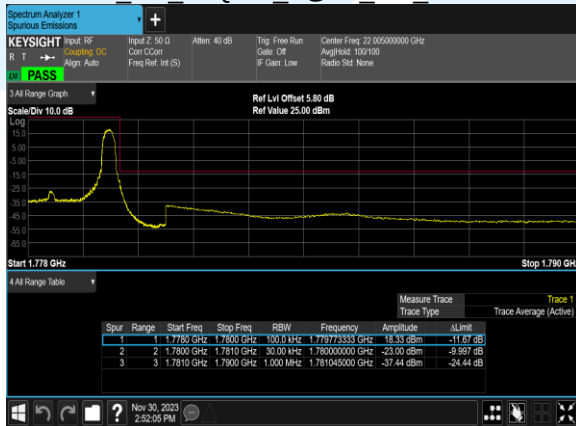
B66 3M QPSK 1@14 CH 132657



B66 3M QPSK 15@0 CH 132657



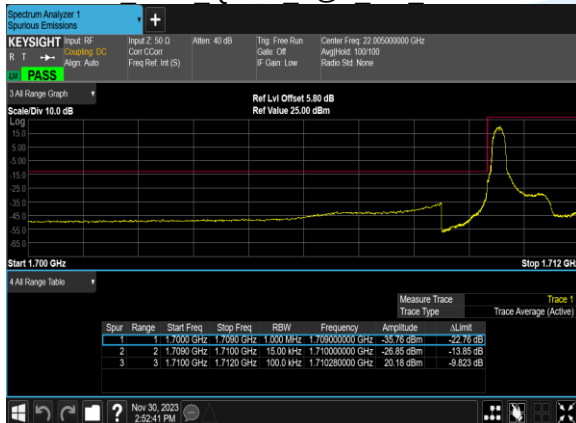
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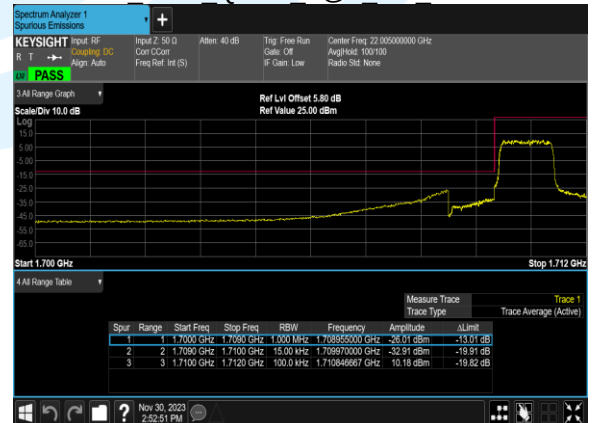
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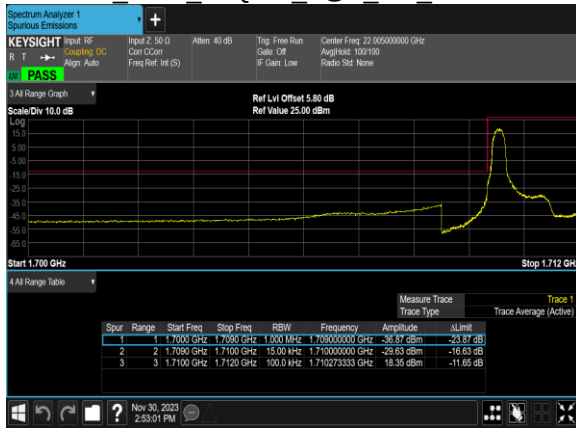
B66 1.4M QPSK 1@0 CH 131979



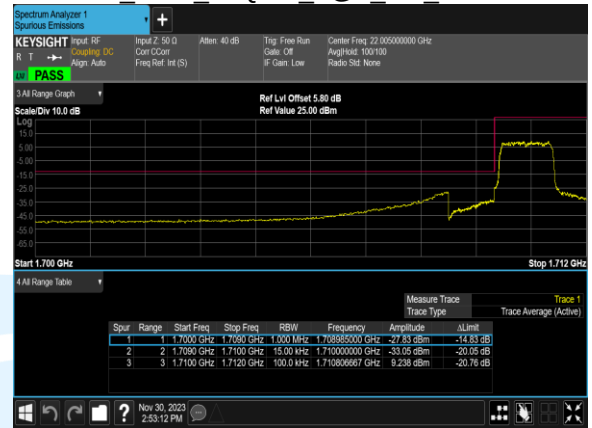
B66 1.4M QPSK 6@0 CH 131979



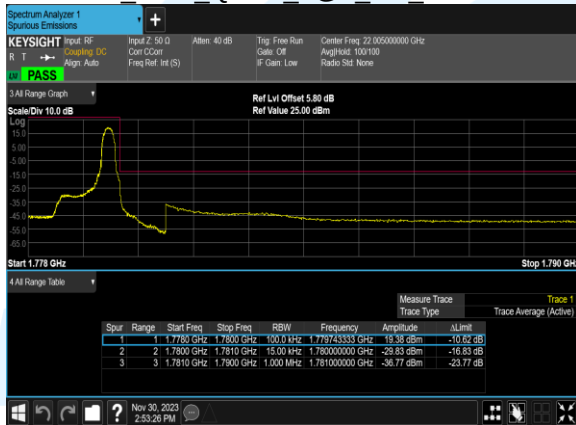
B66 1.4M 16QAM 1@0 CH 131979



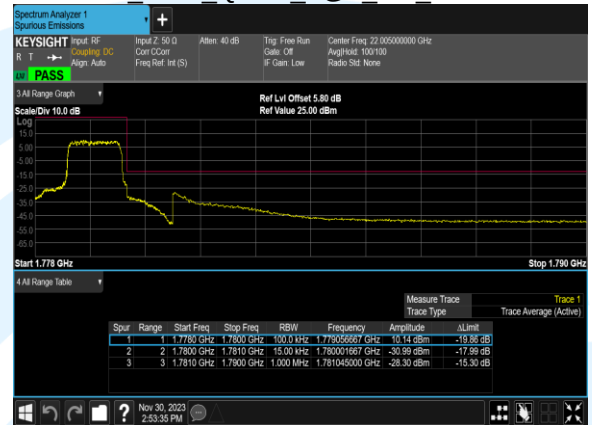
B66 1.4M 16QAM 6@0 CH 131979



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.17 LTE BAND 71

Peak to Average Ratio

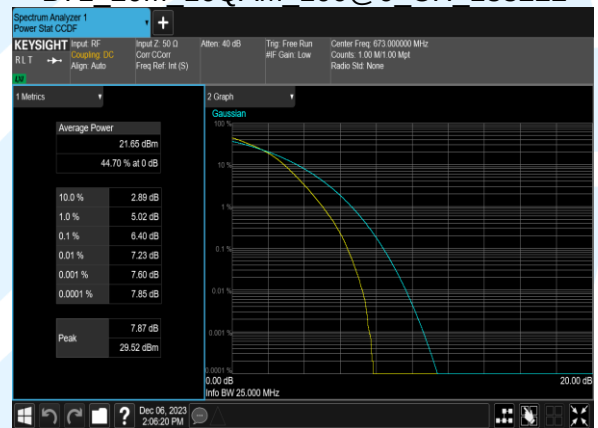
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
71	20.0	133222	673.0	QPSK	100@0	5.68	13	PASS
71	20.0	133222	673.0	16QAM	100@0	6.40	13	PASS
71	20.0	133322	683.0	QPSK	100@0	5.57	13	PASS
71	20.0	133322	683.0	16QAM	100@0	6.36	13	PASS
71	20.0	133372	688.0	QPSK	100@0	5.59	13	PASS
71	20.0	133372	688.0	16QAM	100@0	6.41	13	PASS
71	15.0	133197	670.5	QPSK	75@0	5.41	13	PASS
71	15.0	133197	670.5	16QAM	75@0	6.24	13	PASS
71	15.0	133297	680.5	QPSK	75@0	5.62	13	PASS
71	15.0	133297	680.5	16QAM	75@0	6.32	13	PASS
71	15.0	133397	690.5	QPSK	75@0	5.39	13	PASS
71	15.0	133397	690.5	16QAM	75@0	6.22	13	PASS
71	10.0	133172	668.0	QPSK	50@0	5.62	13	PASS
71	10.0	133172	668.0	16QAM	50@0	6.44	13	PASS
71	10.0	133297	680.5	QPSK	50@0	5.81	13	PASS
71	10.0	133297	680.5	16QAM	50@0	6.58	13	PASS
71	10.0	133422	693.0	QPSK	50@0	5.54	13	PASS
71	10.0	133422	693.0	16QAM	50@0	6.32	13	PASS
71	5.0	133147	665.5	QPSK	25@0	5.57	13	PASS
71	5.0	133147	665.5	16QAM	25@0	6.32	13	PASS
71	5.0	133297	680.5	QPSK	25@0	5.94	13	PASS
71	5.0	133297	680.5	16QAM	25@0	6.61	13	PASS
71	5.0	133447	695.5	QPSK	25@0	5.68	13	PASS
71	5.0	133447	695.5	16QAM	25@0	6.39	13	PASS

Test Graphs

B71_20M_QPSK_100@0_CH_133222



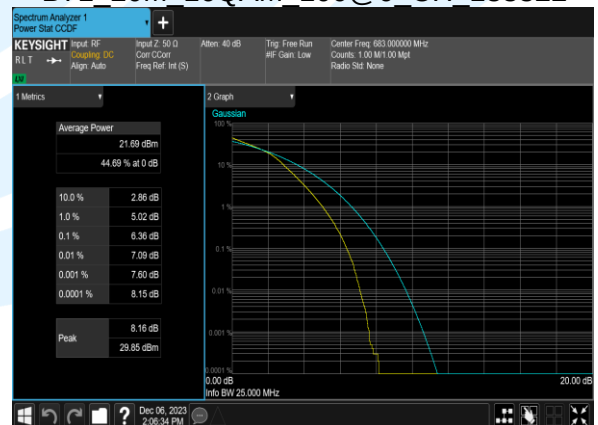
B71_20M_16QAM_100@0_CH_133222



B71_20M_QPSK_100@0_CH_133322



B71_20M_16QAM_100@0_CH_133322



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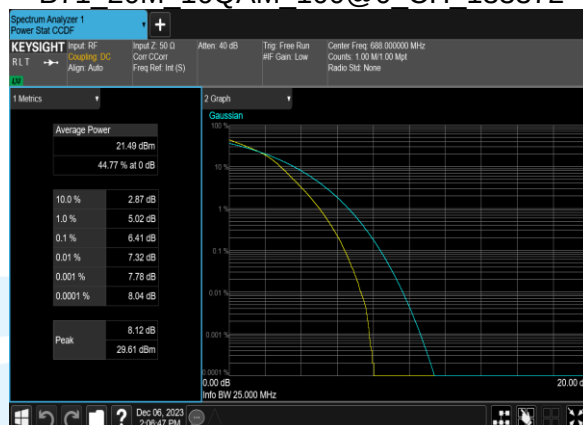
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B71_20M QPSK 100@0 CH 133372



B71_20M 16QAM 100@0 CH 133372



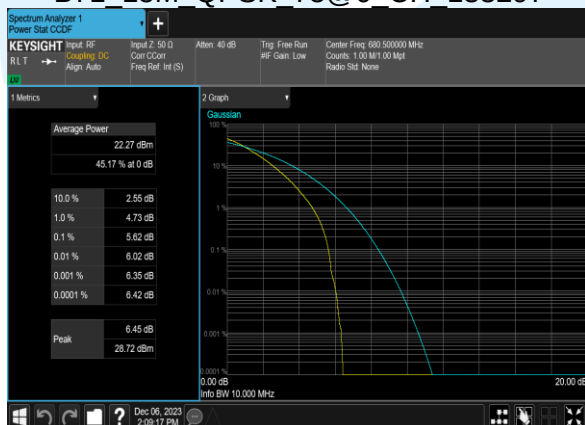
B71_15M QPSK 75@0 CH 133197



B71_15M 16QAM 75@0 CH 133197



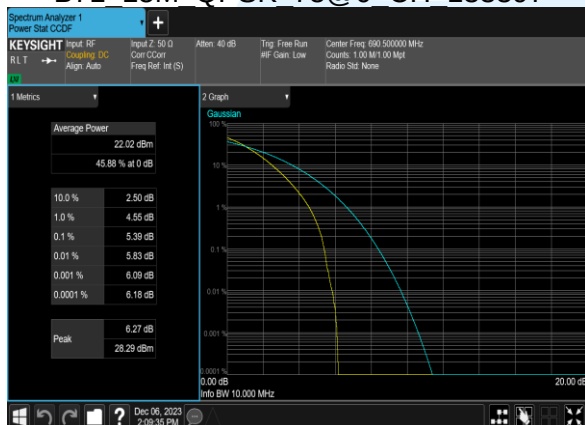
B71_15M QPSK 75@0 CH 133297



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



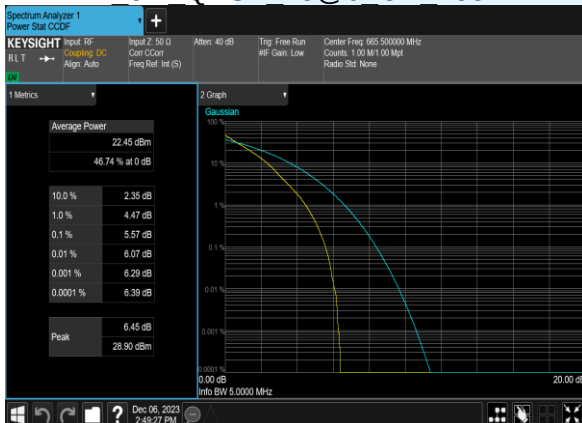
B71 10M QPSK 50@0 CH 133422



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

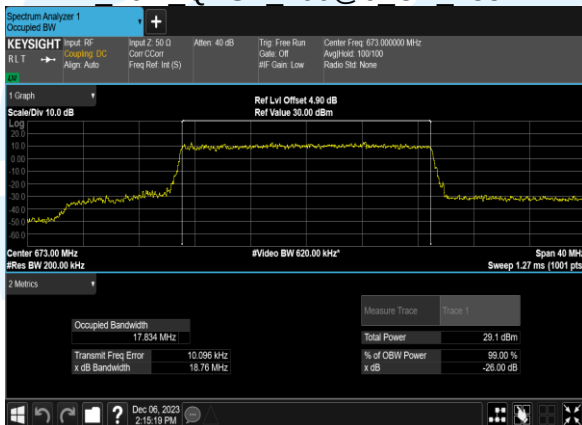


Occupied Bandwidth

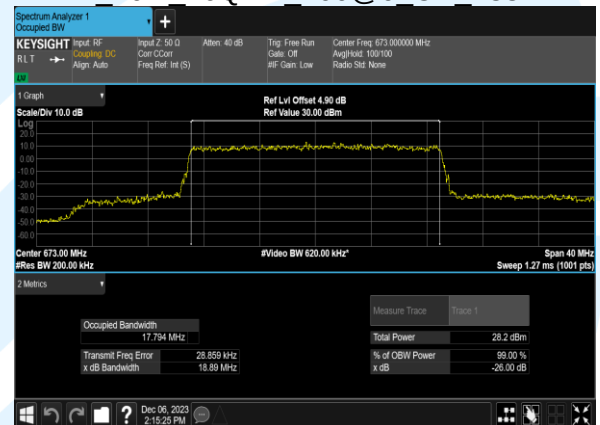
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	20.0	133222	673.0	QPSK	100@0	17.834	18.76
71	20.0	133222	673.0	16QAM	100@0	17.794	18.89
71	20.0	133322	683.0	QPSK	100@0	17.853	18.75
71	20.0	133322	683.0	16QAM	100@0	17.869	18.86
71	20.0	133372	688.0	QPSK	100@0	17.811	18.74
71	20.0	133372	688.0	16QAM	100@0	17.809	18.94
71	15.0	133197	670.5	QPSK	75@0	13.404	14.05
71	15.0	133197	670.5	16QAM	75@0	13.388	14.10
71	15.0	133297	680.5	QPSK	75@0	13.407	14.38
71	15.0	133297	680.5	16QAM	75@0	13.393	14.21
71	15.0	133397	690.5	QPSK	75@0	13.392	14.07
71	15.0	133397	690.5	16QAM	75@0	13.357	14.16
71	10.0	133172	668.0	QPSK	50@0	8.9254	9.437
71	10.0	133172	668.0	16QAM	50@0	8.9271	9.441
71	10.0	133297	680.5	QPSK	50@0	8.9499	9.508
71	10.0	133297	680.5	16QAM	50@0	8.9374	9.453
71	10.0	133422	693.0	QPSK	50@0	8.9376	9.436
71	10.0	133422	693.0	16QAM	50@0	8.9360	9.441
71	5.0	133147	665.5	QPSK	25@0	4.4504	4.779
71	5.0	133147	665.5	16QAM	25@0	4.4586	4.781
71	5.0	133297	680.5	QPSK	25@0	4.4602	4.821
71	5.0	133297	680.5	16QAM	25@0	4.4574	4.773
71	5.0	133447	695.5	QPSK	25@0	4.4596	4.764
71	5.0	133447	695.5	16QAM	25@0	4.4560	4.802

Test Graphs

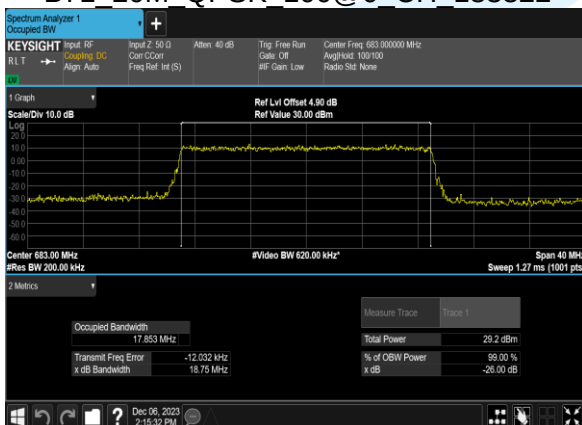
B71_20M_QPSK_100@0_CH_133222



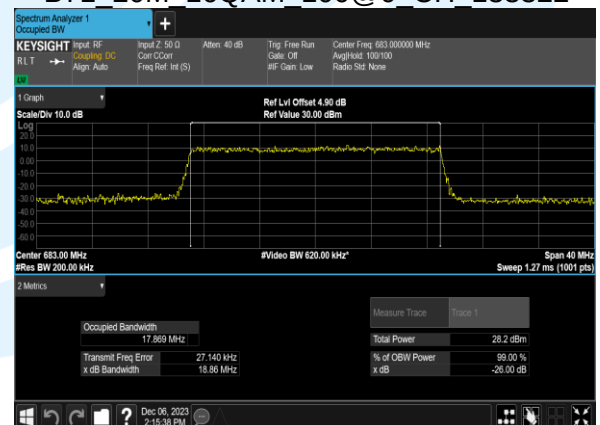
B71_20M_16QAM_100@0_CH_133222



B71_20M_QPSK_100@0_CH_133322



B71_20M_16QAM_100@0_CH_133322



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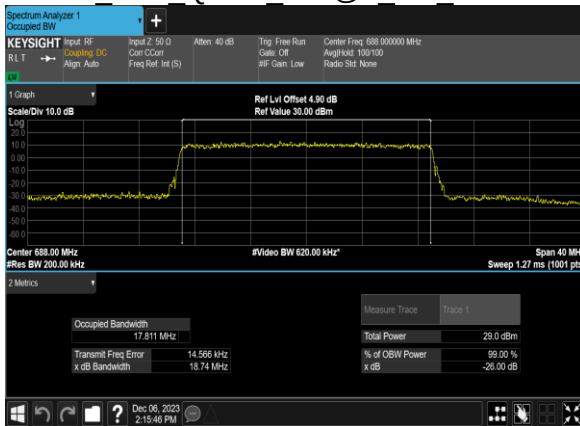
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E-mail: info@uttlab.com

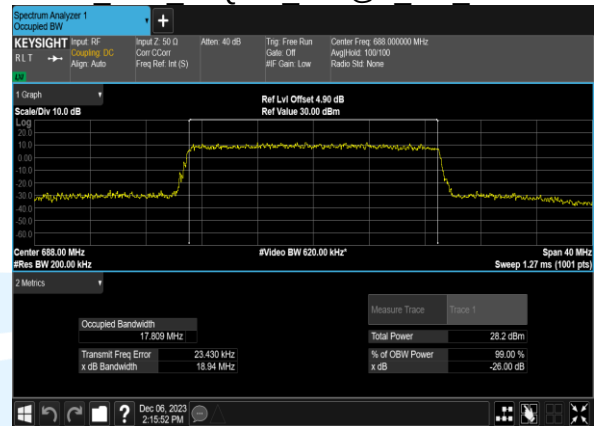
<http://www.uttlab.com>

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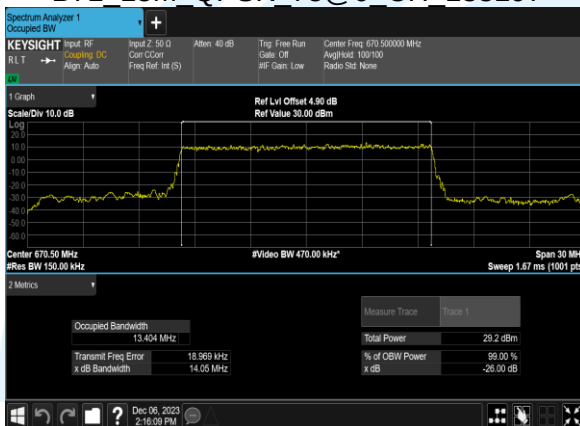
B71_20M QPSK 100@0 CH 133372



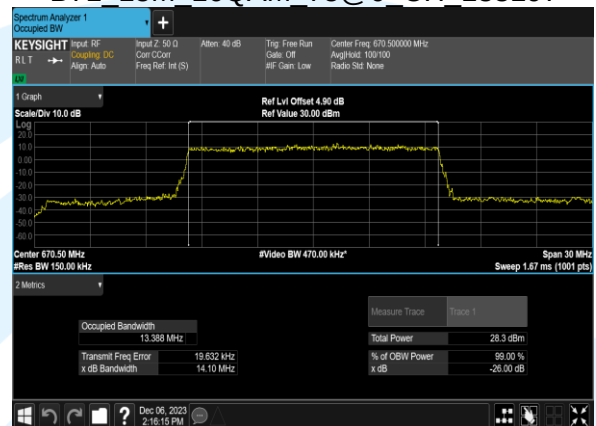
B71_20M 16QAM 100@0 CH 133372



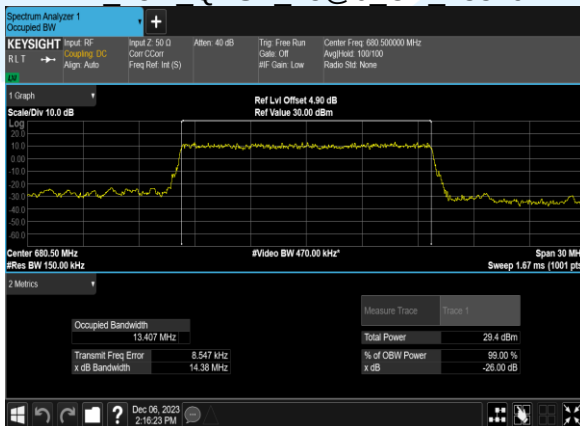
B71_15M QPSK 75@0 CH 133197



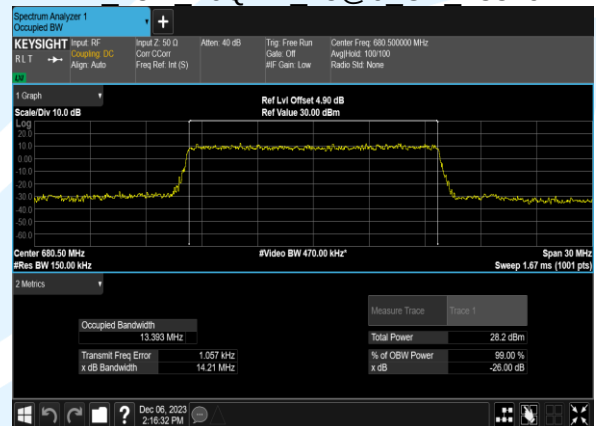
B71_15M 16QAM 75@0 CH 133197



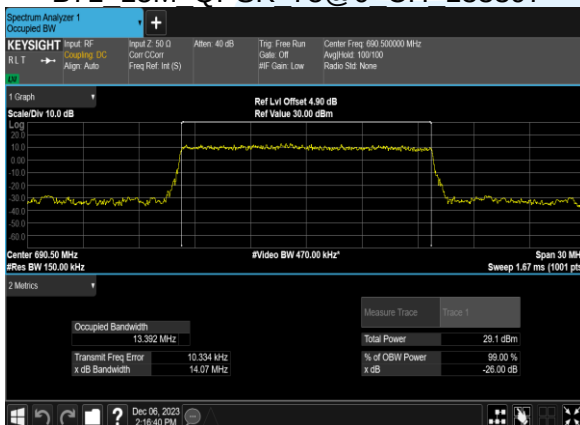
B71_15M QPSK 75@0 CH 133297



B71_15M 16QAM 75@0 CH 133297



B71_15M QPSK 75@0 CH 133397



B71_15M 16QAM 75@0 CH 133397

