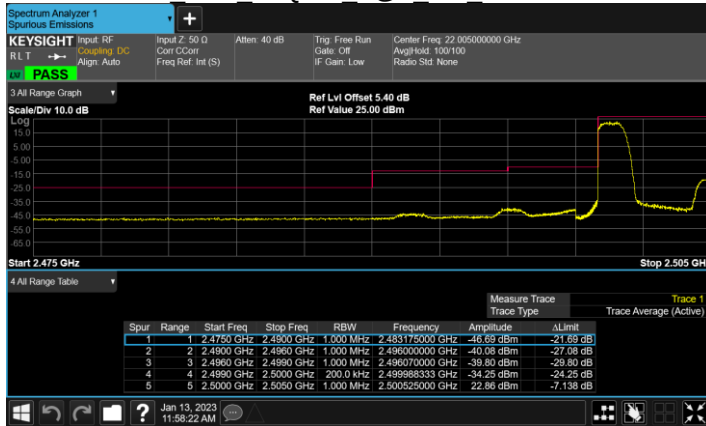
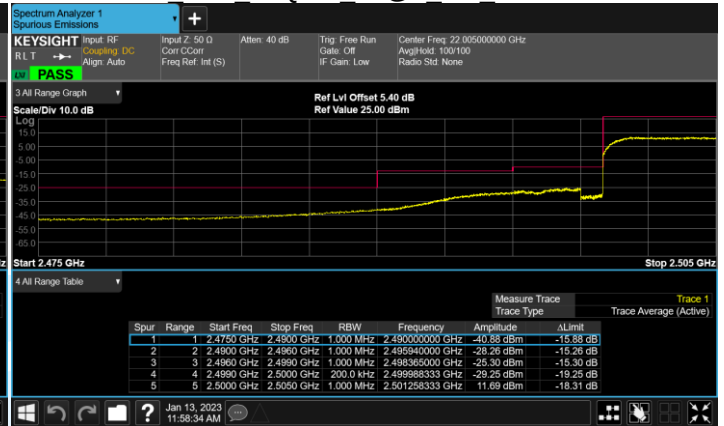


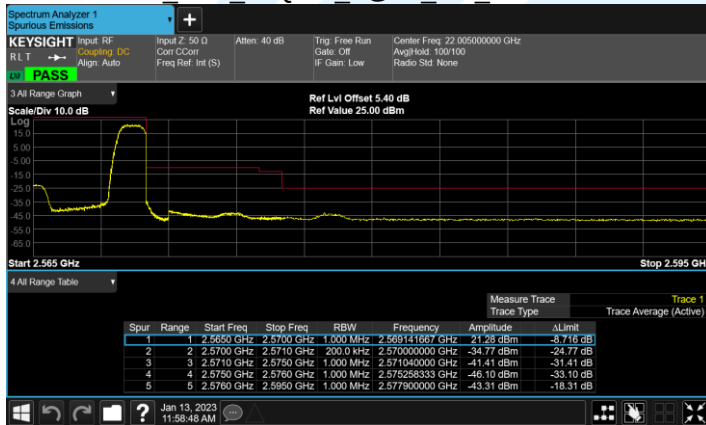
B7 10M 64QAM 1@0 CH 20800



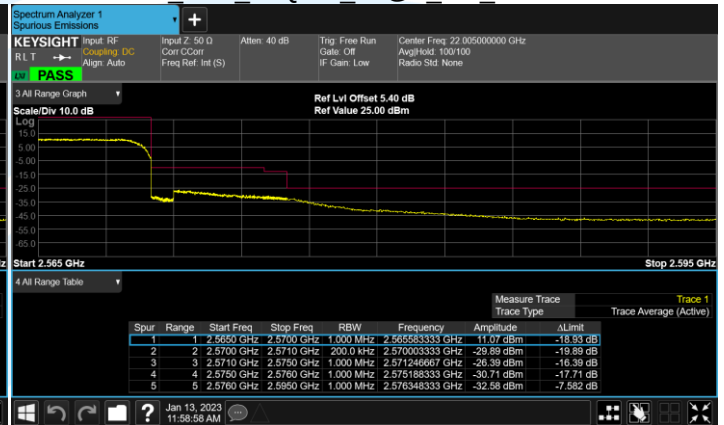
B7 10M 64QAM 50@0 CH 20800



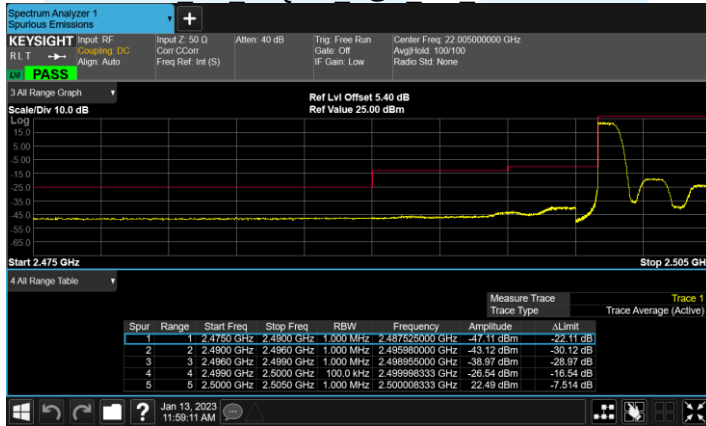
B7 10M 64QAM 1@49 CH 21400



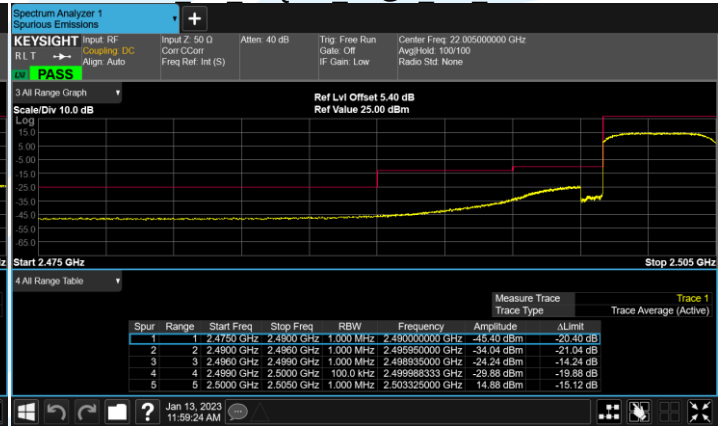
B7 10M 64QAM 50@0 CH 21400



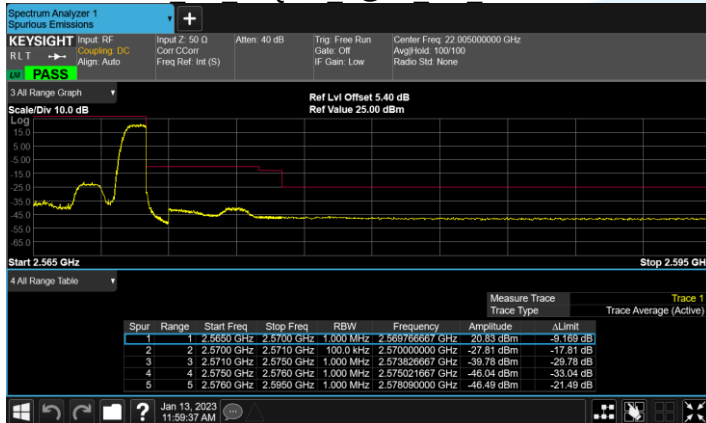
B7 5M 64QAM 1@0 CH 20775



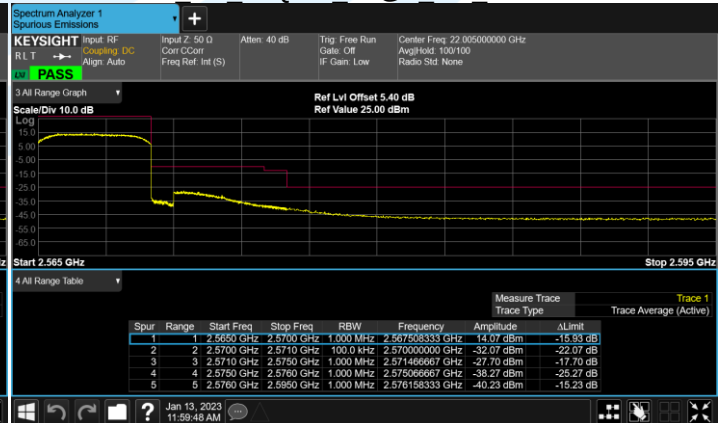
B7 5M 64QAM 25@0 CH 20775



B7 5M 64QAM 1@24 CH 21425



B7 5M 64QAM 25@0 CH 21425



A.5 LTE BAND 12

Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
12	10.0	23060	704.0	QPSK	50@0	5.60	13	PASS
12	10.0	23060	704.0	16QAM	50@0	6.36	13	PASS
12	10.0	23060	704.0	64QAM	50@0	6.43	13	PASS
12	10.0	23095	707.5	QPSK	50@0	5.62	13	PASS
12	10.0	23095	707.5	16QAM	50@0	6.27	13	PASS
12	10.0	23095	707.5	64QAM	50@0	6.26	13	PASS
12	10.0	23130	711.0	QPSK	50@0	5.43	13	PASS
12	10.0	23130	711.0	16QAM	50@0	6.24	13	PASS
12	10.0	23130	711.0	64QAM	50@0	6.25	13	PASS

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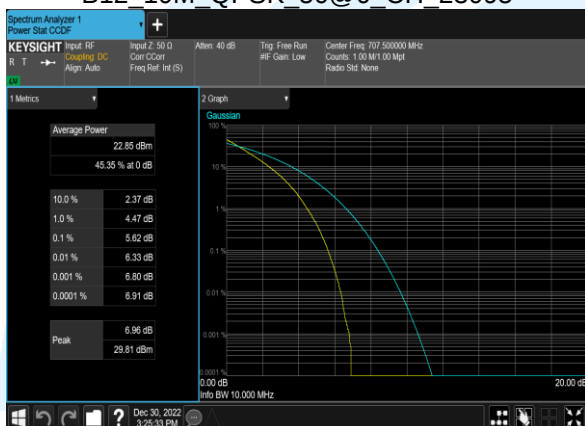
B12_10M_QPSK_50@0_CH_23060



B12_10M_16QAM_50@0_CH_23060



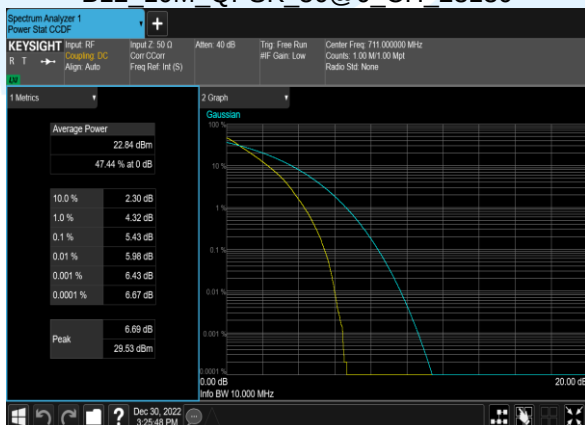
B12_10M_QPSK_50@0_CH_23095



B12_10M_16QAM_50@0_CH_23095



B12_10M_QPSK_50@0_CH_23130



B12_10M_16QAM_50@0_CH_23130



B12 10M 64QAM 50@0 CH 23060



B12 10M 64QAM 50@0 CH 23095



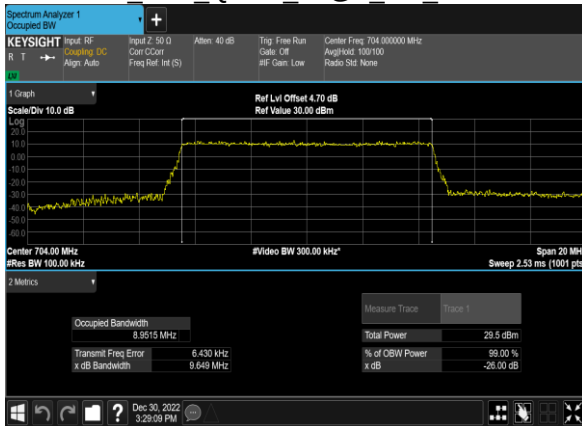
B12 10M 64QAM 50@0 CH 23130



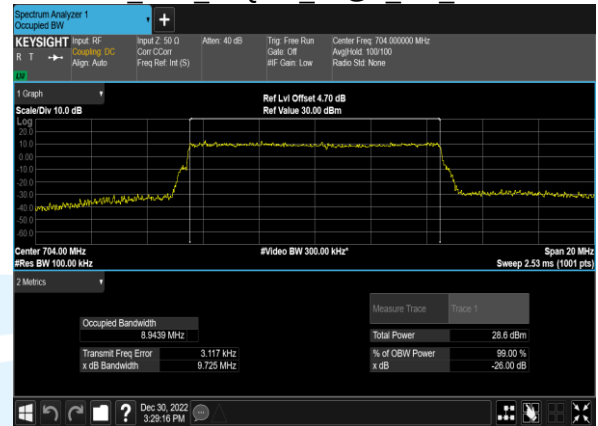
Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
12	10.0	23060	704.0	QPSK	50@0	8.9515	9.649
12	10.0	23060	704.0	16QAM	50@0	8.9439	9.725
12	10.0	23060	704.0	64QAM	50@0	8.9424	9.654
12	10.0	23095	707.5	QPSK	50@0	8.9394	9.675
12	10.0	23095	707.5	16QAM	50@0	8.9539	9.584
12	10.0	23095	707.5	64QAM	50@0	8.9663	9.699
12	10.0	23130	711.0	QPSK	50@0	8.9172	9.658
12	10.0	23130	711.0	16QAM	50@0	8.9366	9.667
12	10.0	23130	711.0	64QAM	50@0	8.9388	9.504
12	5.0	23035	701.5	QPSK	25@0	4.4515	4.861
12	5.0	23035	701.5	16QAM	25@0	4.4471	4.821
12	5.0	23035	701.5	64QAM	25@0	4.4495	4.893
12	5.0	23095	707.5	QPSK	25@0	4.4771	4.923
12	5.0	23095	707.5	16QAM	25@0	4.4772	4.897
12	5.0	23095	707.5	64QAM	25@0	4.4607	4.873
12	5.0	23155	713.5	QPSK	25@0	4.4533	4.853
12	5.0	23155	713.5	16QAM	25@0	4.4567	4.866
12	5.0	23155	713.5	64QAM	25@0	4.4494	4.832
12	3.0	23025	700.5	QPSK	15@0	2.6937	2.984
12	3.0	23025	700.5	16QAM	15@0	2.6797	2.956
12	3.0	23025	700.5	64QAM	15@0	2.6758	2.974
12	3.0	23095	707.5	QPSK	15@0	2.6862	2.939
12	3.0	23095	707.5	16QAM	15@0	2.6906	2.958
12	3.0	23095	707.5	64QAM	15@0	2.6872	2.966
12	3.0	23165	714.5	QPSK	15@0	2.6897	2.979
12	3.0	23165	714.5	16QAM	15@0	2.6837	2.982
12	3.0	23165	714.5	64QAM	15@0	2.6850	2.996
12	1.4	23017	699.7	QPSK	6@0	1.0777	1.208
12	1.4	23017	699.7	16QAM	6@0	1.0742	1.224
12	1.4	23017	699.7	64QAM	6@0	1.0838	1.234
12	1.4	23095	707.5	QPSK	6@0	1.0788	1.216
12	1.4	23095	707.5	16QAM	6@0	1.0768	1.216
12	1.4	23095	707.5	64QAM	6@0	1.0825	1.219
12	1.4	23173	715.3	QPSK	6@0	1.0812	1.220
12	1.4	23173	715.3	16QAM	6@0	1.0817	1.216
12	1.4	23173	715.3	64QAM	6@0	1.0766	1.220

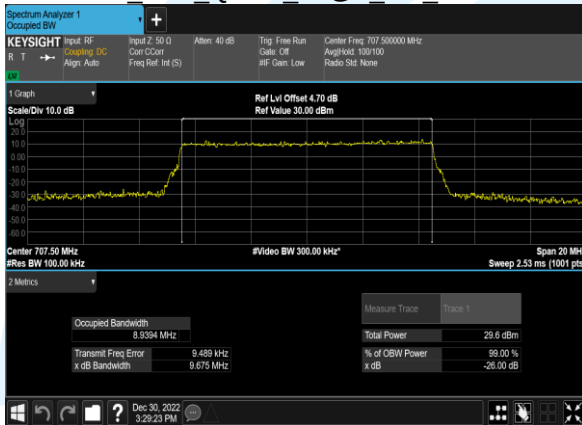
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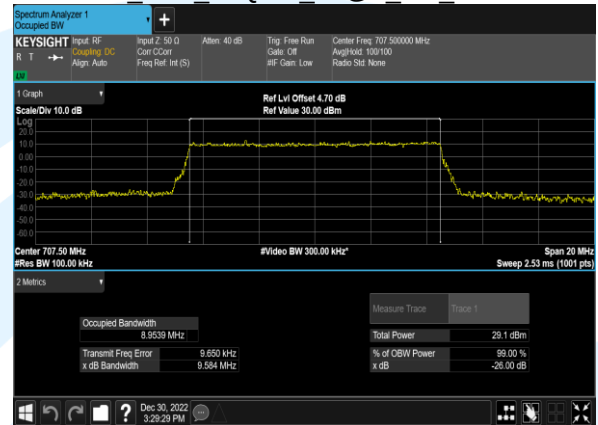
B12_10M_16QAM_50@0_CH_23060



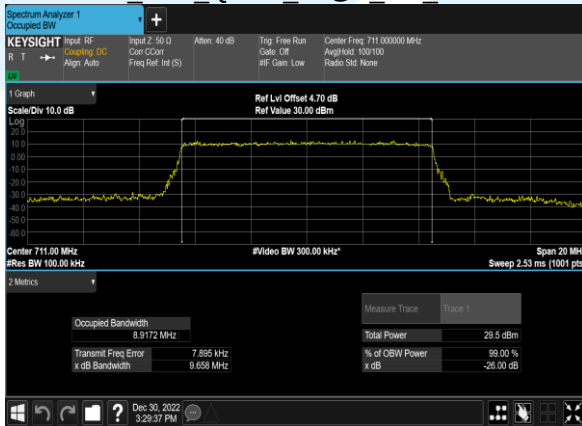
B12_10M_QPSK_50@0_CH_23095



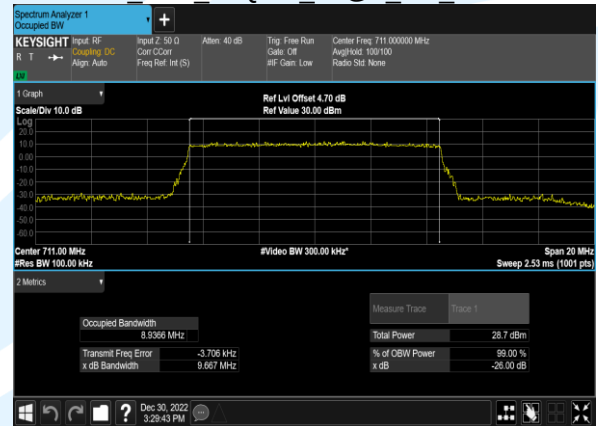
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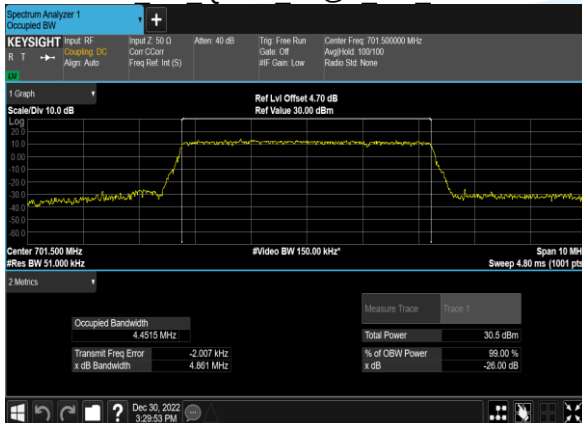
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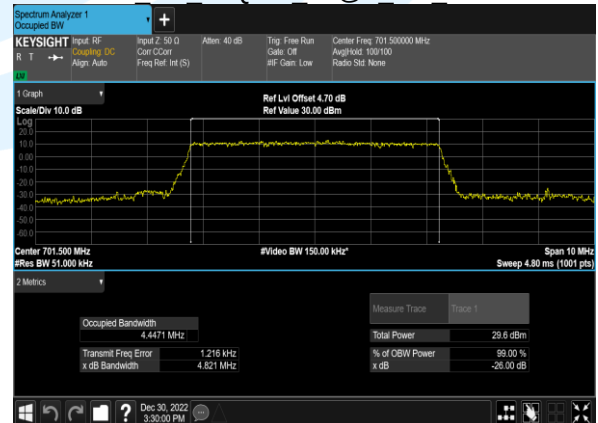
B12_10M_16QAM_50@0_CH_23130



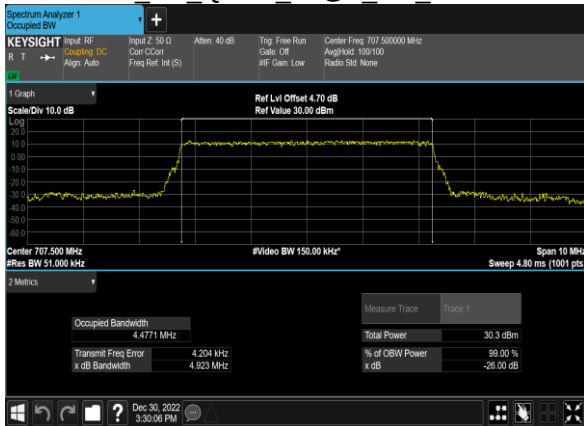
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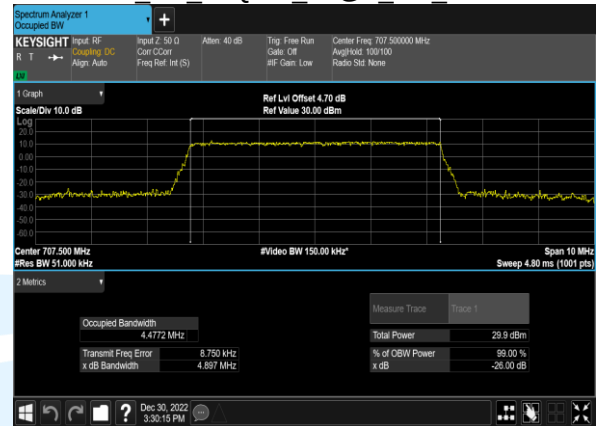
B12_5M_16QAM_25@0_CH_23035



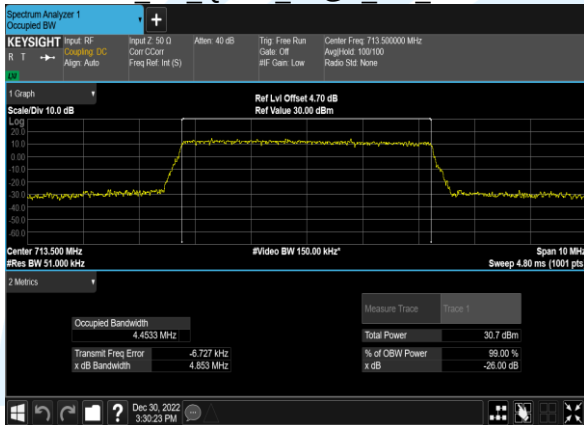
B12 5M QPSK 25@0 CH 23095



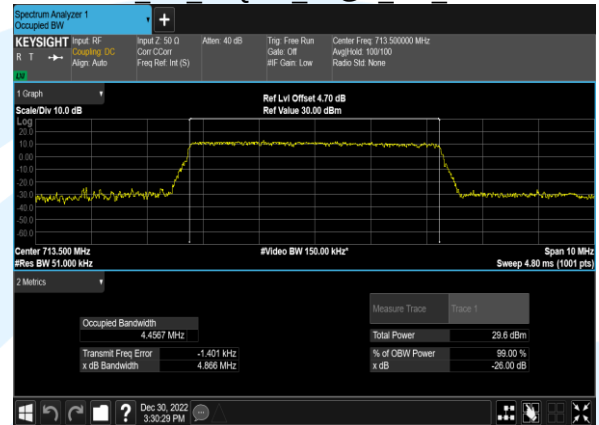
B12 5M 16QAM 25@0 CH 23095



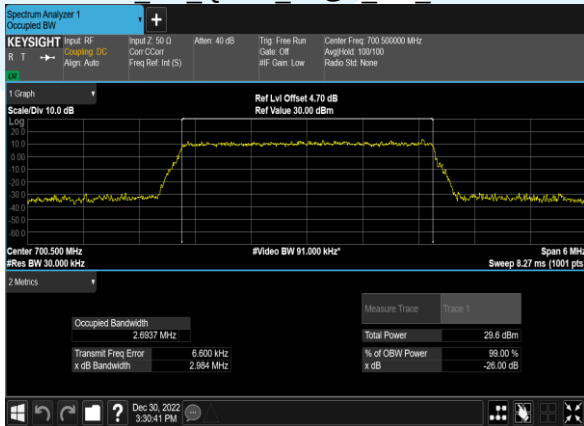
B12 5M QPSK 25@0 CH 23155



B12 5M 16QAM 25@0 CH 23155



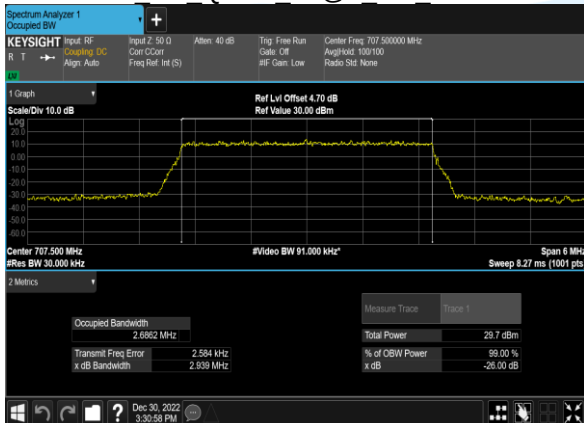
B12 3M QPSK 15@0 CH 23025



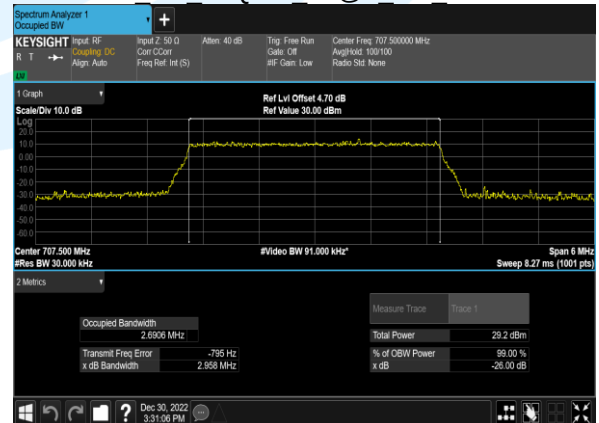
B12 3M 16QAM 15@0 CH 23025



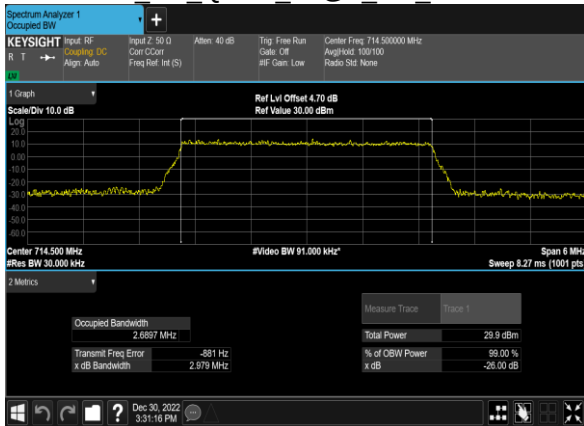
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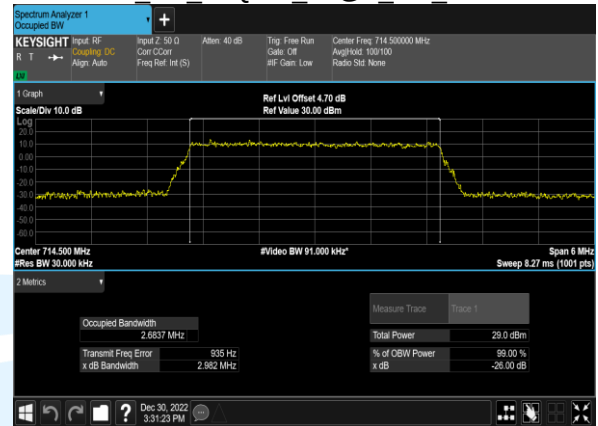
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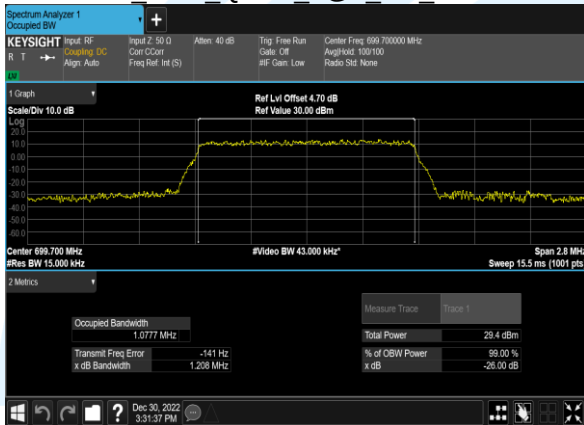
B12 3M QPSK 15@0 CH 23165



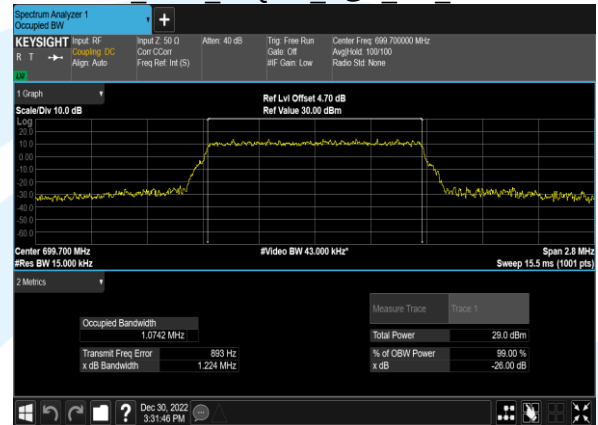
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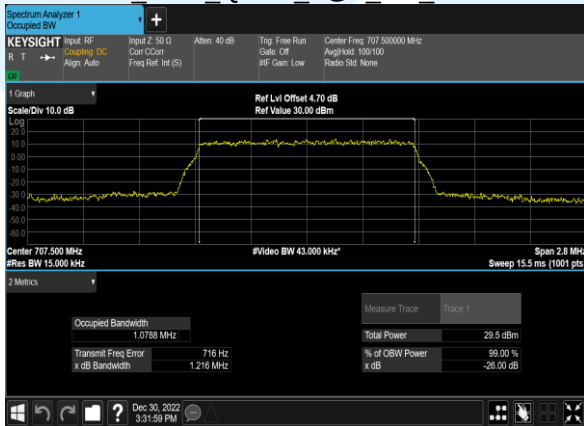
B12 1.4M QPSK 6@0 CH 23017



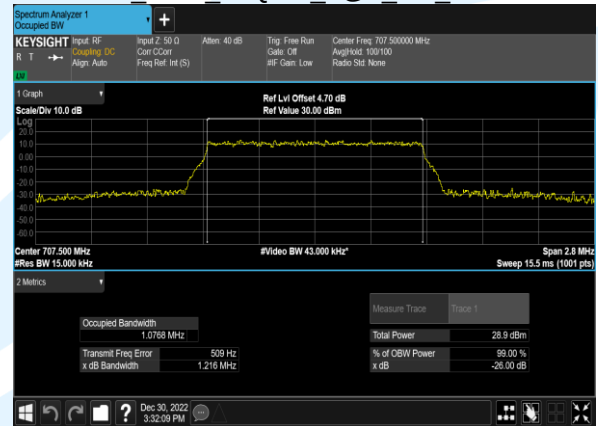
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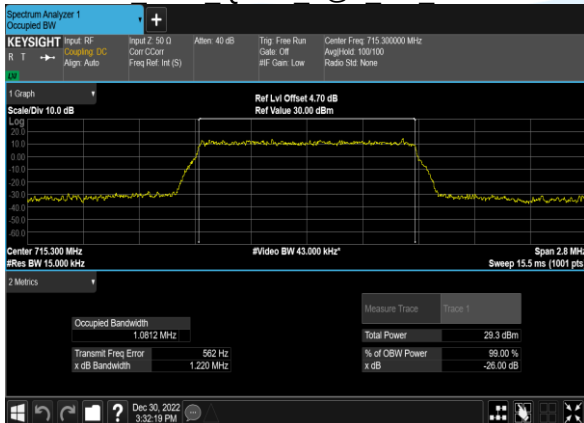
B12 1.4M QPSK 6@0 CH 23095



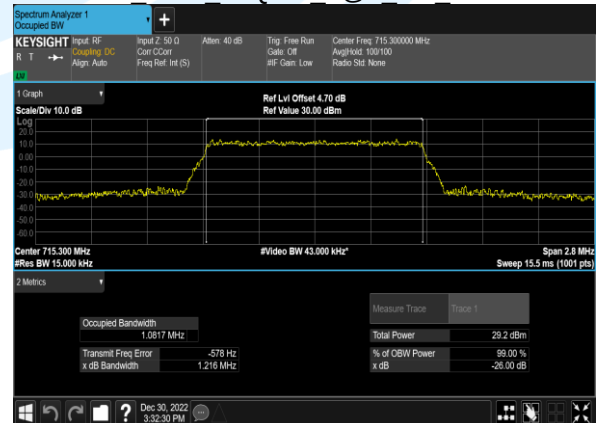
B12 1.4M 16QAM 6@0 CH 23095



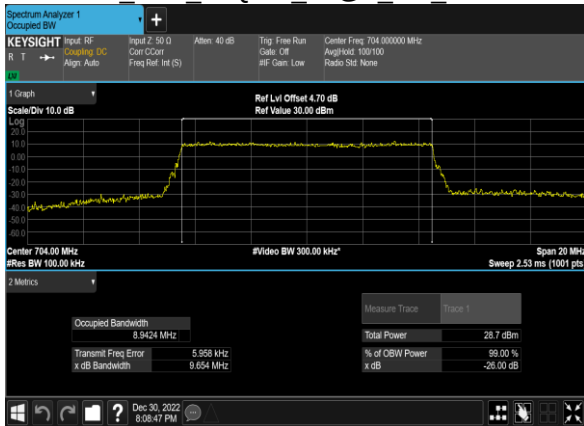
B12 1.4M QPSK 6@0 CH 23173



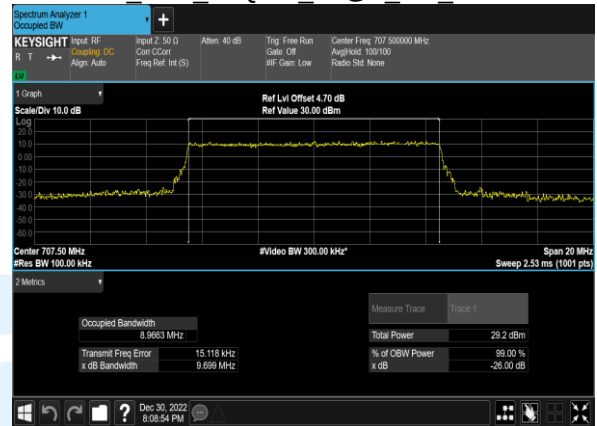
B12 1.4M 16QAM 6@0 CH 23173



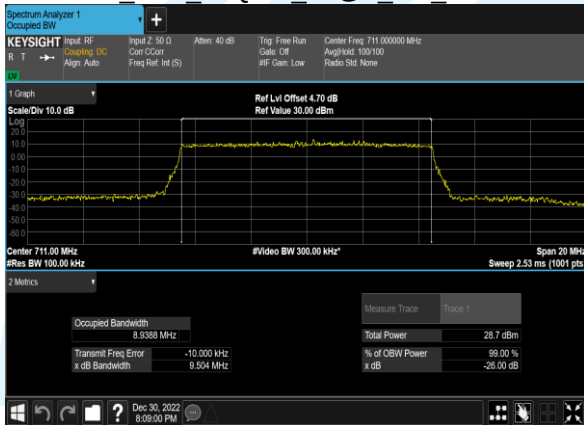
B12 10M 64QAM 50@0 CH 23060



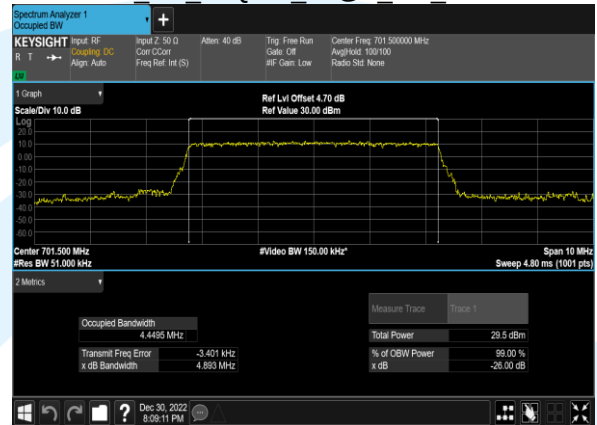
B12 10M 64QAM 50@0 CH 23095



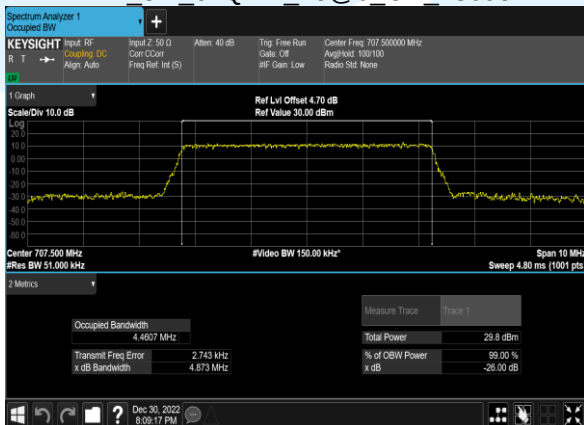
B12 10M 64QAM 50@0 CH 23130



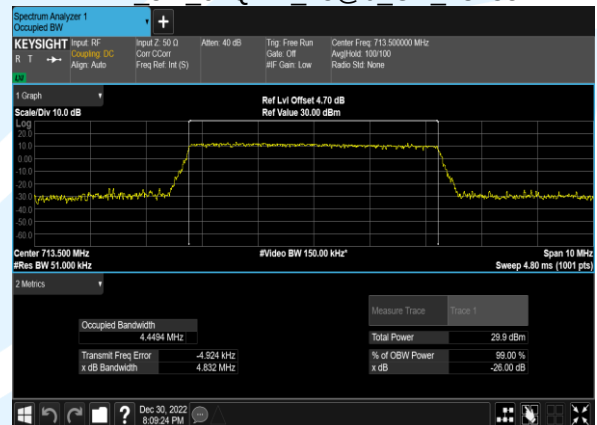
B12 5M 64QAM 25@0 CH 23035



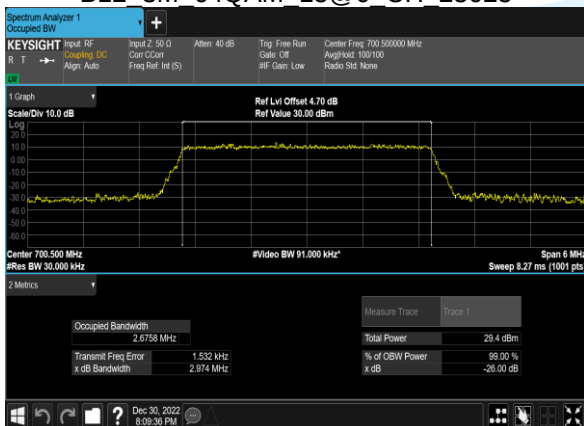
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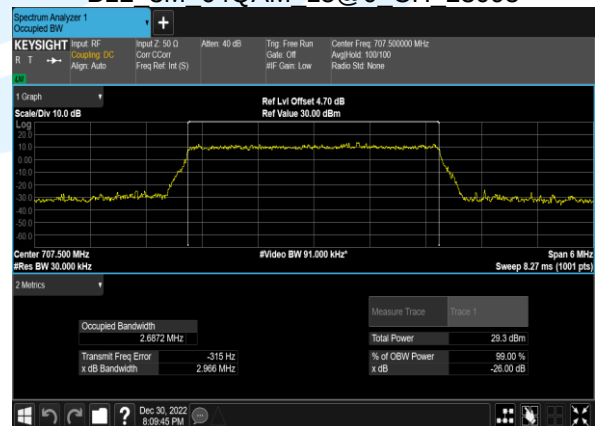
B12 5M 64QAM 25@0 CH 23155



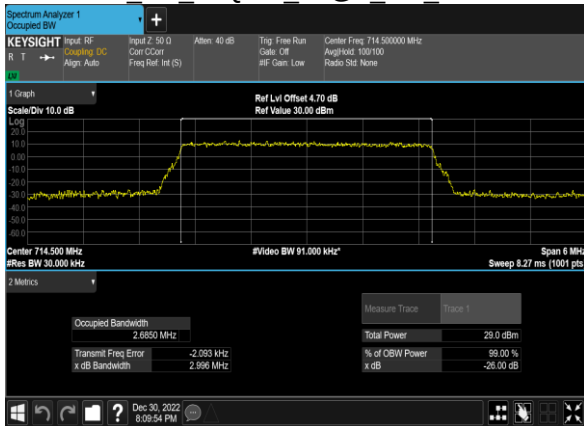
B12 3M 64QAM 15@0 CH 23025



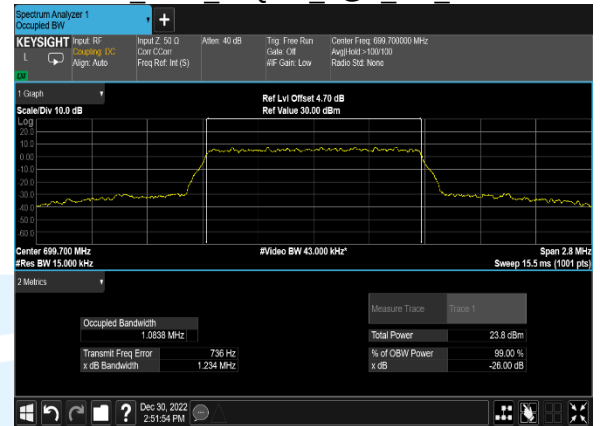
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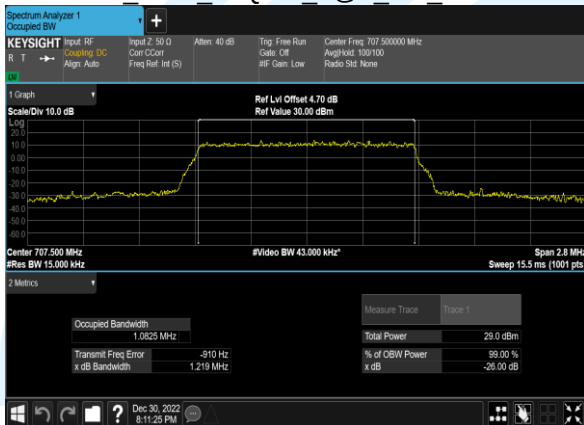
B12 3M 64QAM 15@0 CH 23165



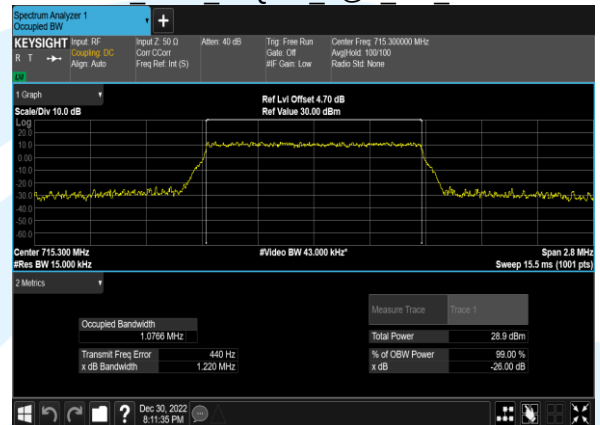
B12 1.4M 64QAM 6@0 CH 23017



B12 1.4M 64QAM 6@0 CH 23095



B12 1.4M 64QAM 6@0 CH 23173



Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
12	10.0	23060	704.0	QPSK	1@0	-25.66	-13	PASS
12	10.0	23060	704.0	16QAM	1@0	-26.9	-13	PASS
12	10.0	23060	704.0	64QAM	1@0	-25.96	-13	PASS
12	10.0	23095	707.5	QPSK	1@0	-26.75	-13	PASS
12	10.0	23095	707.5	16QAM	1@0	-22.92	-13	PASS
12	10.0	23095	707.5	64QAM	1@0	-27.11	-13	PASS
12	10.0	23130	711.0	QPSK	1@0	-26.62	-13	PASS
12	10.0	23130	711.0	16QAM	1@0	-28.57	-13	PASS
12	10.0	23130	711.0	64QAM	1@0	-28.18	-13	PASS
12	5.0	23035	701.5	QPSK	1@0	-25.46	-13	PASS
12	5.0	23035	701.5	16QAM	1@0	-26.68	-13	PASS
12	5.0	23035	701.5	64QAM	1@0	-24.87	-13	PASS
12	5.0	23095	707.5	QPSK	1@0	-26.08	-13	PASS
12	5.0	23095	707.5	16QAM	1@0	-26.81	-13	PASS
12	5.0	23095	707.5	64QAM	1@0	-28.52	-13	PASS
12	5.0	23155	713.5	QPSK	1@0	-24.5	-13	PASS
12	5.0	23155	713.5	16QAM	1@0	-27.42	-13	PASS
12	5.0	23155	713.5	64QAM	1@0	-25.2	-13	PASS
12	3.0	23025	700.5	QPSK	1@0	-27.24	-13	PASS
12	3.0	23025	700.5	16QAM	1@0	-26.67	-13	PASS
12	3.0	23025	700.5	64QAM	1@0	-26.29	-13	PASS
12	3.0	23095	707.5	QPSK	1@0	-27.61	-13	PASS
12	3.0	23095	707.5	16QAM	1@0	-25.87	-13	PASS
12	3.0	23095	707.5	64QAM	1@0	-24.43	-13	PASS
12	3.0	23165	714.5	QPSK	1@0	-27.04	-13	PASS
12	3.0	23165	714.5	16QAM	1@0	-26.35	-13	PASS
12	3.0	23165	714.5	64QAM	1@0	-25.68	-13	PASS
12	1.4	23017	699.7	QPSK	1@0	-26.43	-13	PASS
12	1.4	23017	699.7	16QAM	1@0	-26.77	-13	PASS
12	1.4	23017	699.7	64QAM	1@0	-26.18	-13	PASS
12	1.4	23095	707.5	QPSK	1@0	-28.28	-13	PASS
12	1.4	23095	707.5	16QAM	1@0	-27.49	-13	PASS
12	1.4	23095	707.5	64QAM	1@0	-29.79	-13	PASS
12	1.4	23173	715.3	QPSK	1@0	-27.51	-13	PASS
12	1.4	23173	715.3	16QAM	1@0	-27.42	-13	PASS
12	1.4	23173	715.3	64QAM	1@0	-25.08	-13	PASS

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B12 10M QPSK 1@0 CH 23060



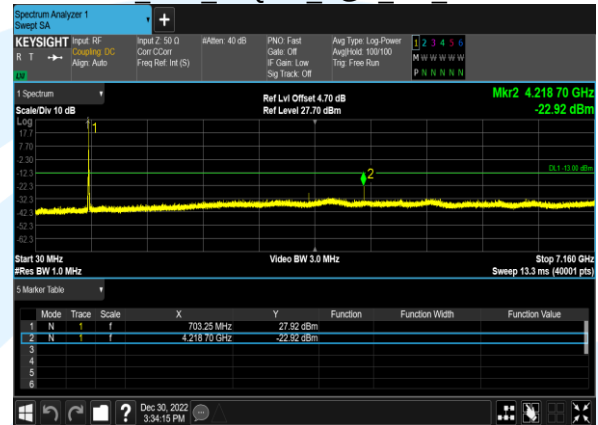
B12 10M 16QAM 1@0 CH 23060



B12 10M QPSK 1@0 CH 23095



B12 10M 16QAM 1@0 CH 23095



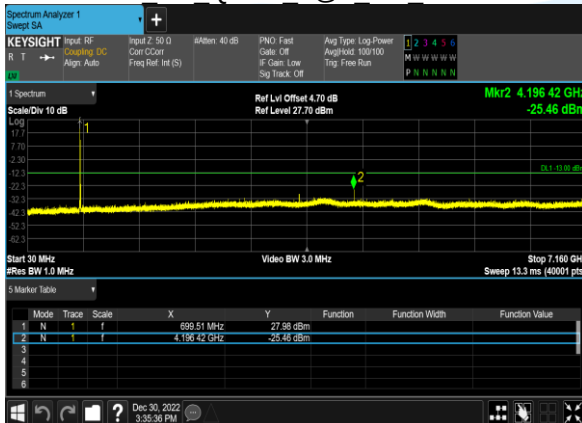
B12 10M QPSK 1@0 CH 23130



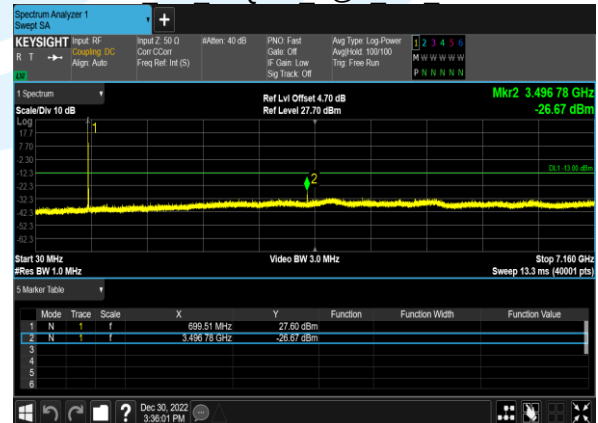
B12 10M 16QAM 1@0 CH 23130



B12 5M QPSK 1@0 CH 23035



B12 5M 16QAM 1@0 CH 23035



B12 5M QPSK 1@0 CH 23095



B12 5M 16QAM 1@0 CH 23095



B12 5M QPSK 1@0 CH 23155



B12 5M 16QAM 1@0 CH 23155



B12 3M QPSK 1@0 CH 23025



B12 3M 16QAM 1@0 CH 23025



B12 3M QPSK 1@0 CH 23095



B12 3M 16QAM 1@0 CH 23095



B12 3M QPSK 1@0 CH 23165



B12 3M 16QAM 1@0 CH 23165



B12 1.4M QPSK 1@0 CH 23017



B12 1.4M 16QAM 1@0 CH 23017



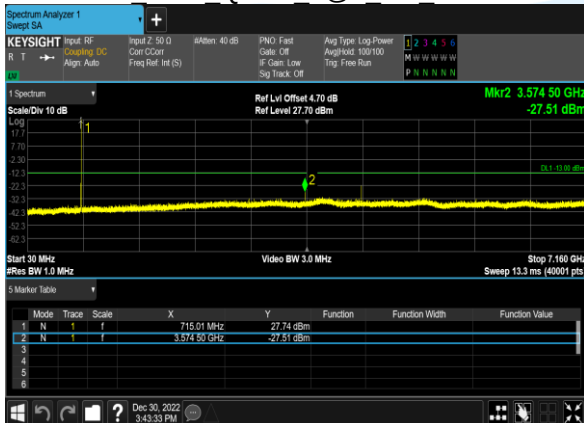
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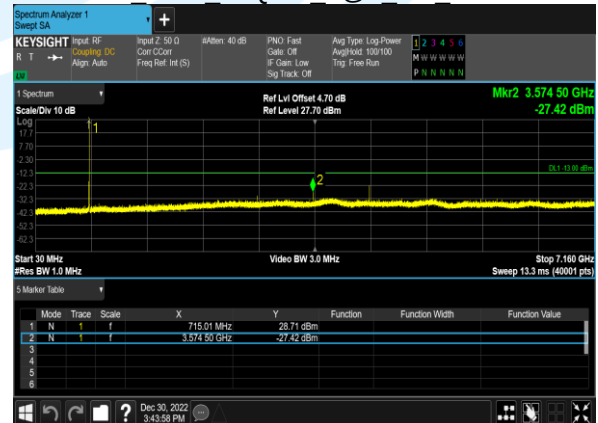
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B12 1.4M QPSK 1@0 CH 23173



B12 1.4M 16QAM 1@0 CH 23173



B12 10M 64QAM 1@0 CH 23060



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B12 10M 64QAM 1@0 CH 23130



B12 5M 64QAM 1@0 CH 23035



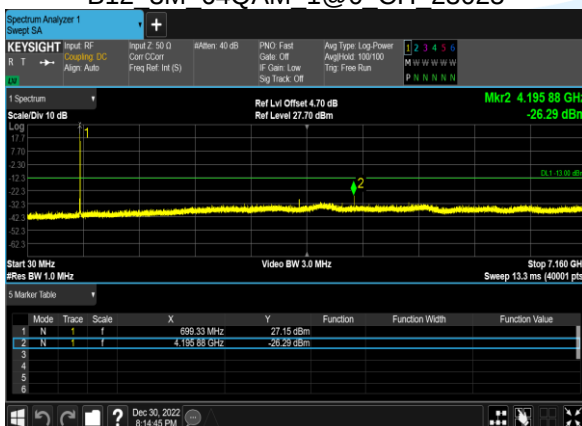
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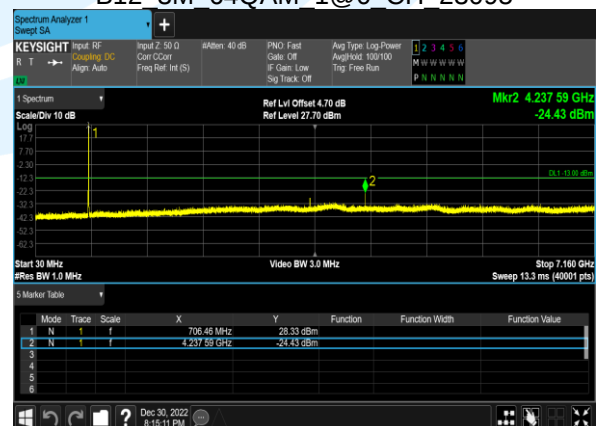
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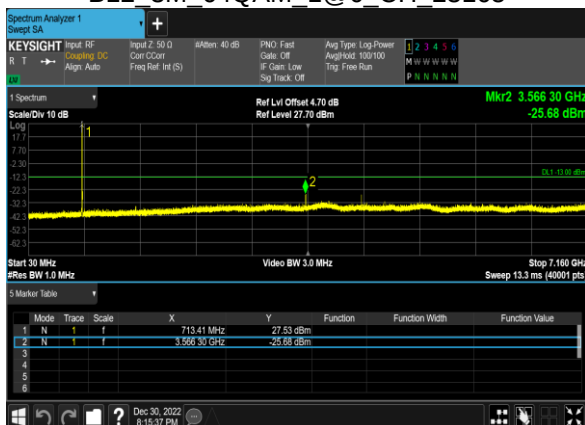
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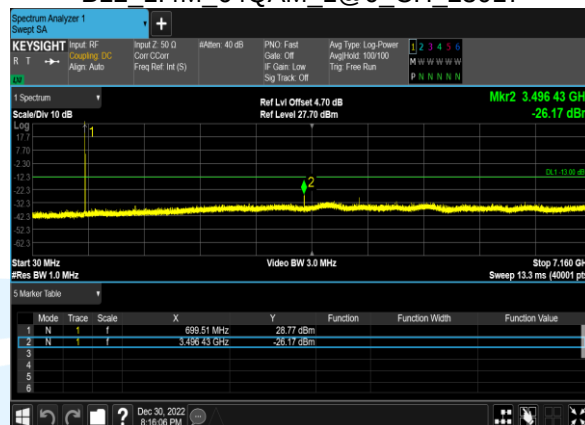
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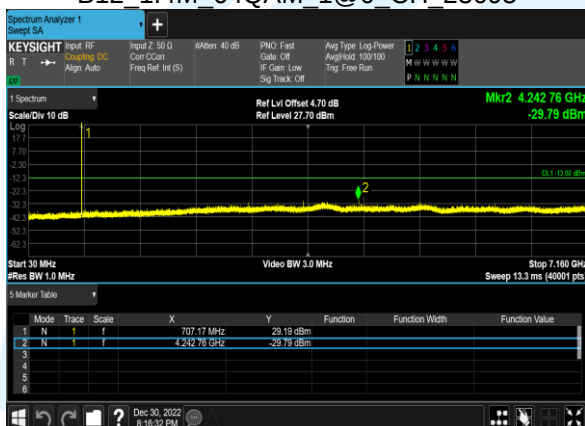
B12 3M 64QAM 1@0 CH 23165



B12 1.4M 64QAM 1@0 CH 23017



B12 1.4M 64QAM 1@0 CH 23095



B12 1.4M 64QAM 1@0 CH 23173

