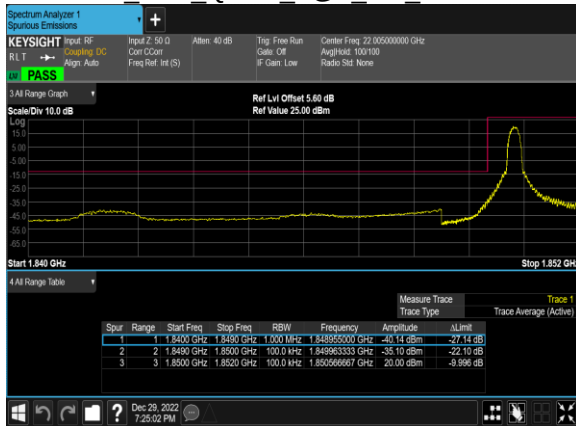


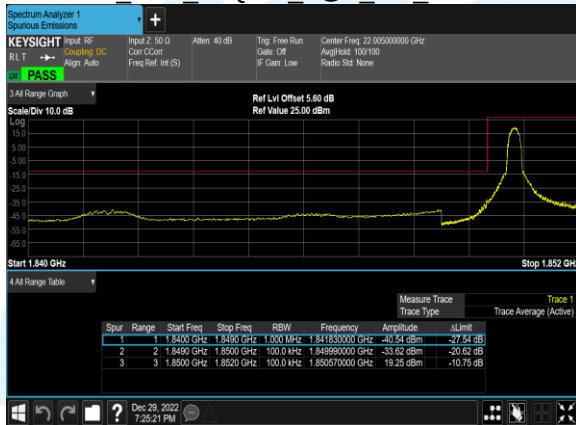
B2 10M QPSK 1@0 CH 18650



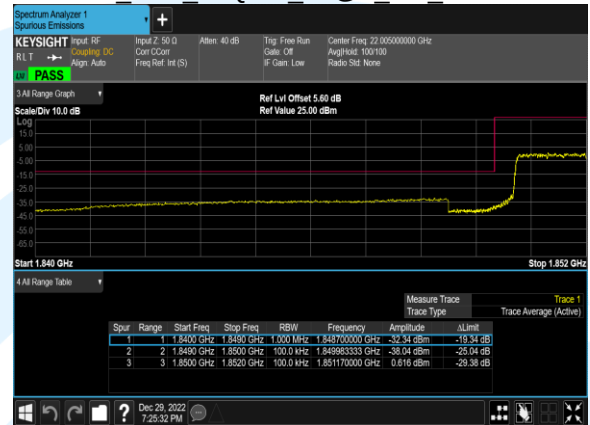
B2 10M QPSK 50@0 CH 18650



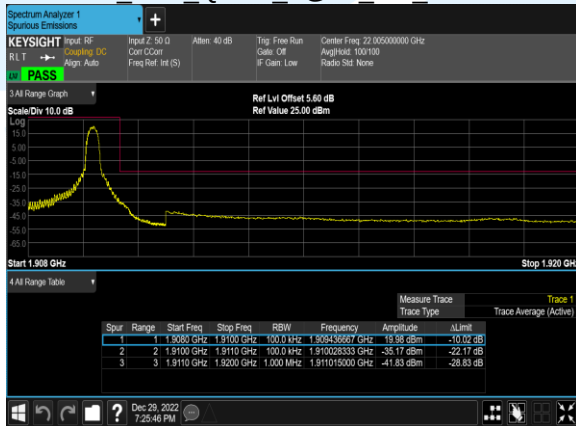
B2 10M 16QAM 1@0 CH 18650



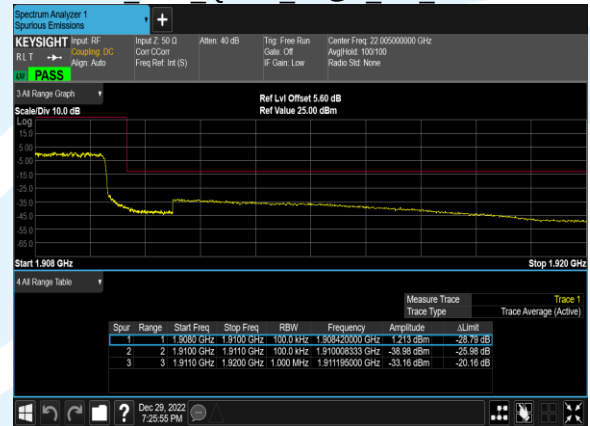
B2 10M 16QAM 50@0 CH 18650



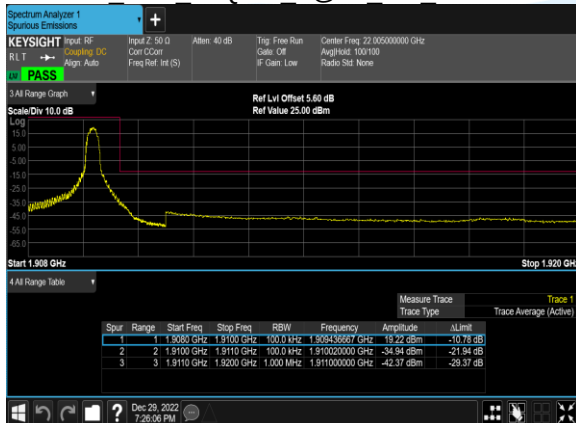
B2 10M QPSK 1@49 CH 19150



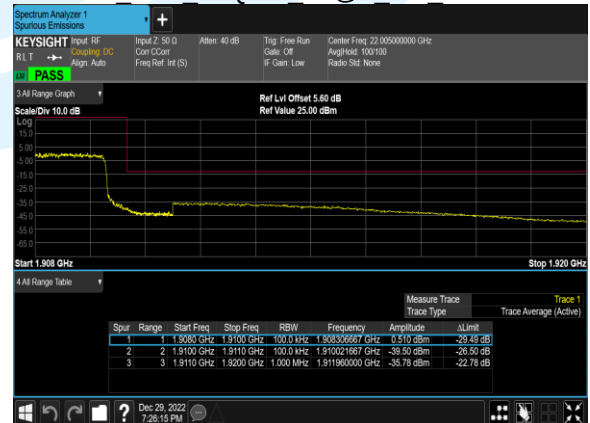
B2 10M QPSK 50@0 CH 19150



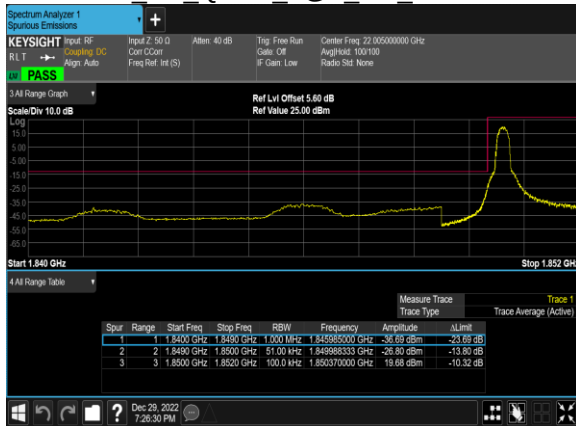
B2 10M 16QAM 1@49 CH 19150



B2 10M 16QAM 50@0 CH 19150



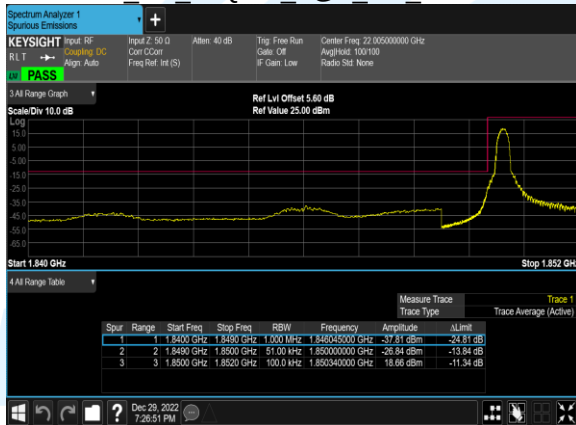
B2 5M QPSK 1@0 CH 18625



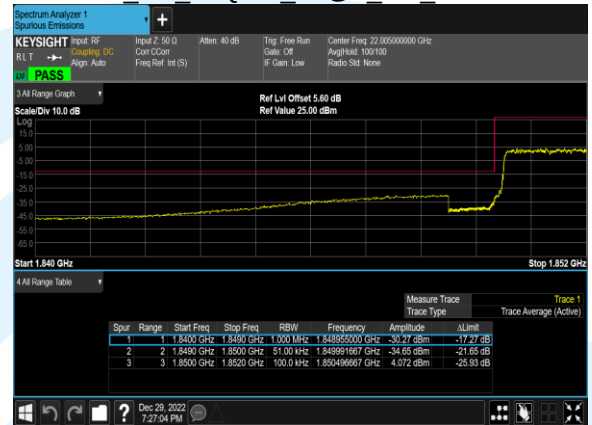
B2 5M QPSK 25@0 CH 18625



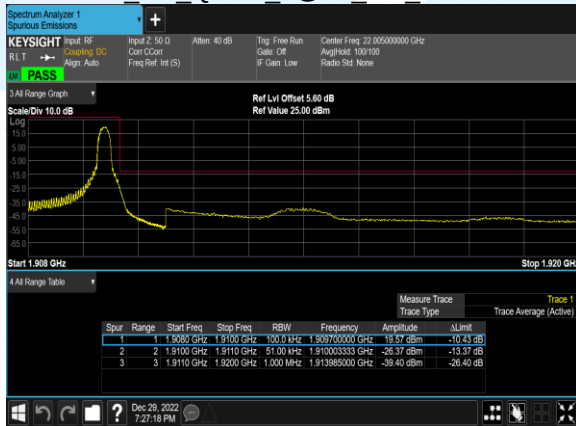
B2 5M 16QAM 1@0 CH 18625



B2 5M 16QAM 25@0 CH 18625



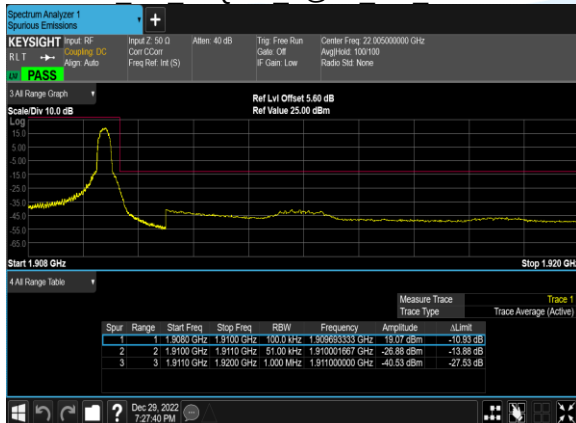
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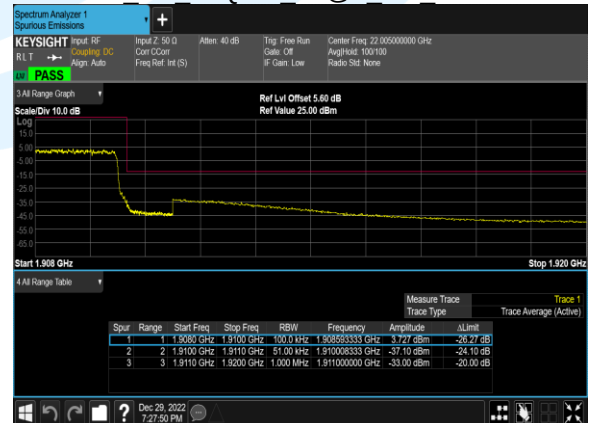
B2 5M QPSK 25@0 CH 19175



B2 5M 16QAM 1@24 CH 19175



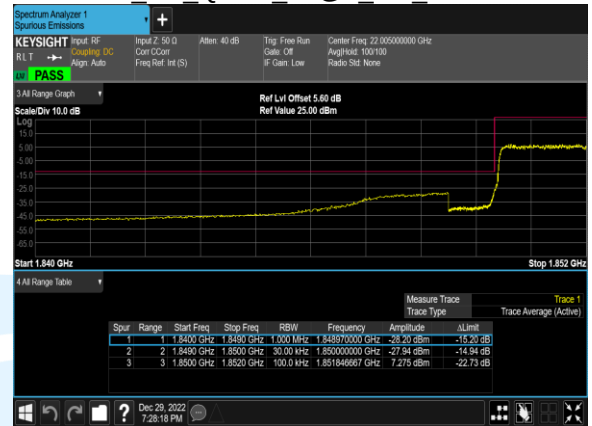
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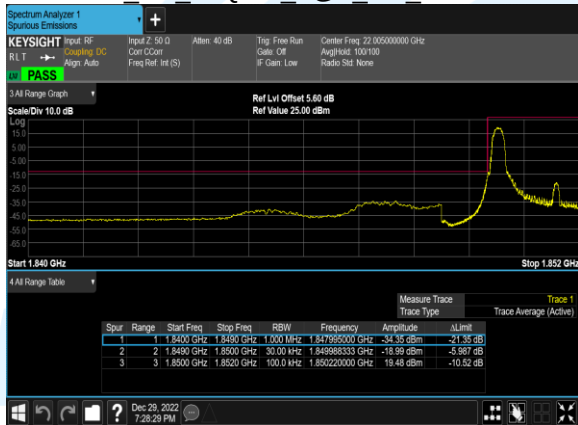
B2 3M QPSK 1@0 CH 18615



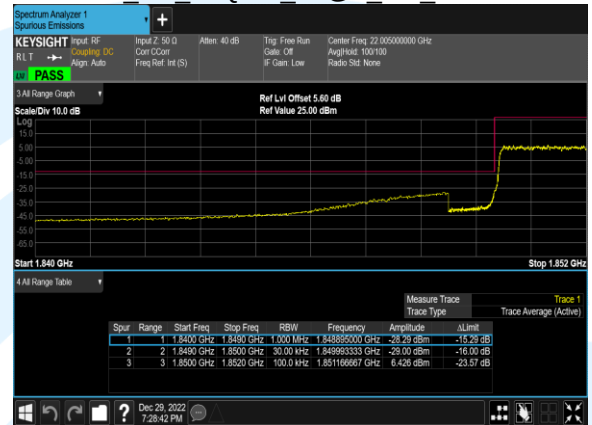
B2 3M QPSK 15@0 CH 18615



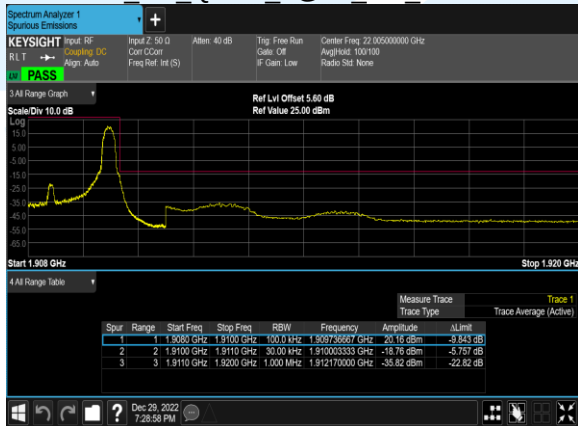
B2 3M 16QAM 1@0 CH 18615



B2 3M 16QAM 15@0 CH 18615



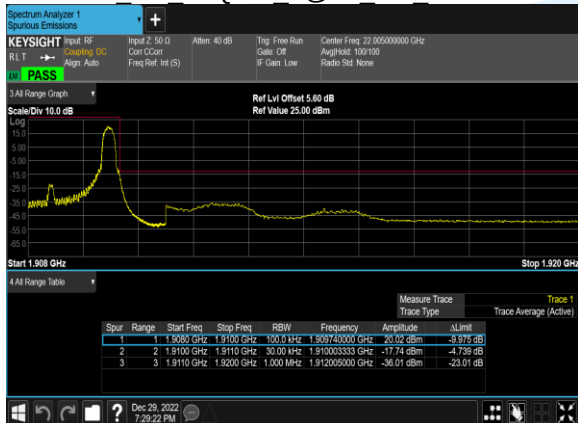
B2 3M QPSK 1@14 CH 19185



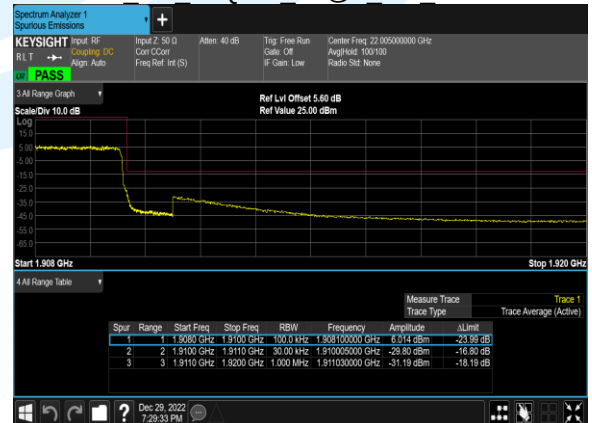
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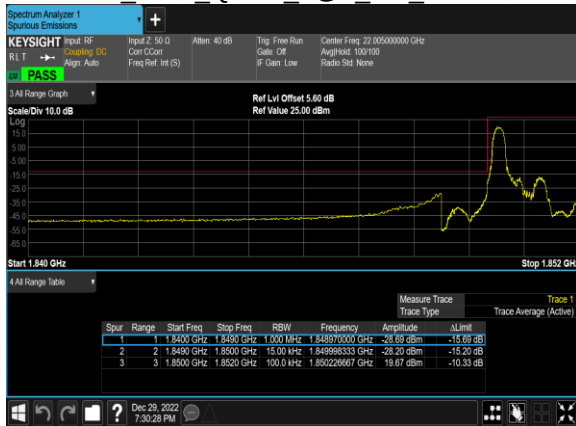
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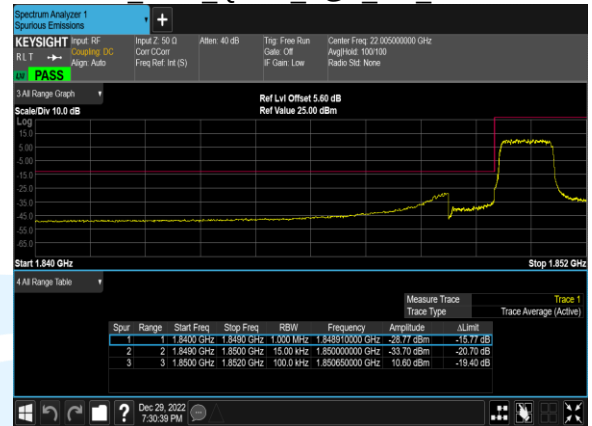
B2 3M 16QAM 15@0 CH 19185



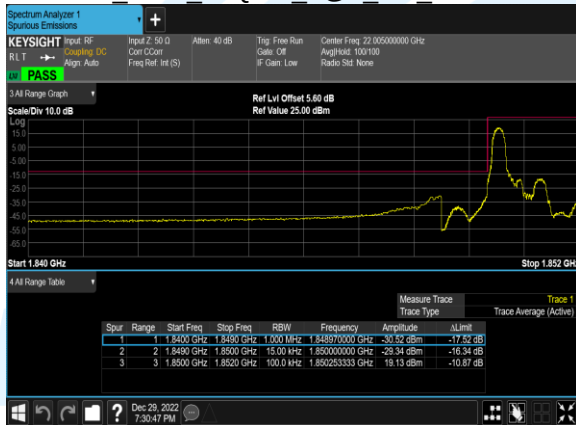
B2 1.4M QPSK 1@0 CH 18607



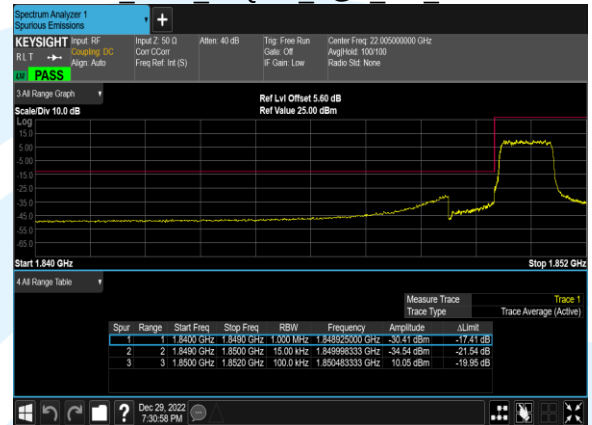
B2 1.4M QPSK 6@0 CH 18607



B2 1.4M 16QAM 1@0 CH 18607



B2 1.4M 16QAM 6@0 CH 18607



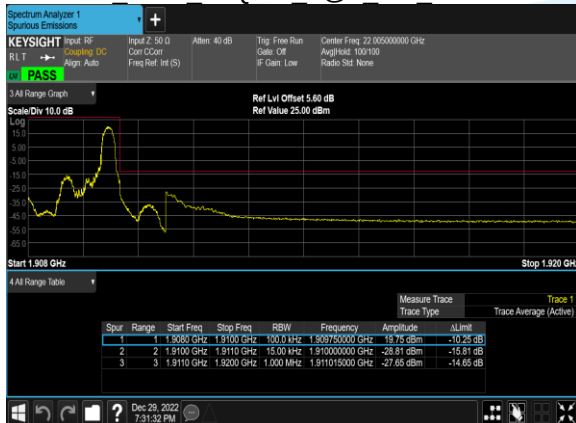
B2 1.4M QPSK 1@5 CH 19193



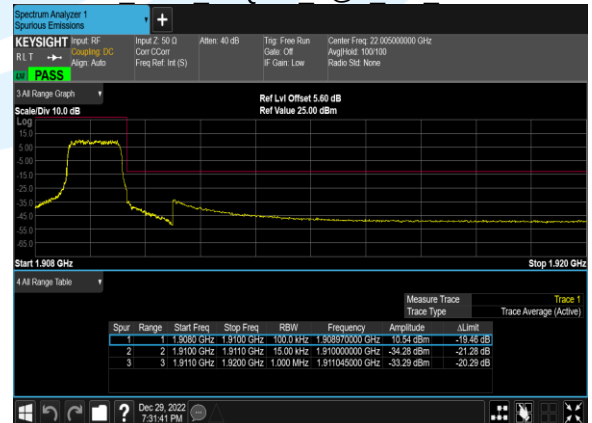
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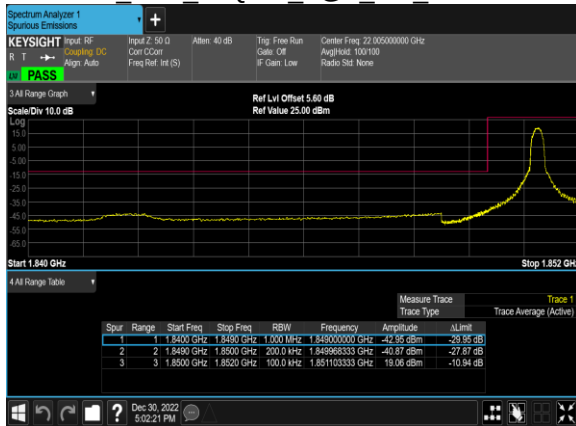
B2 1.4M 16QAM 1@5 CH 19193



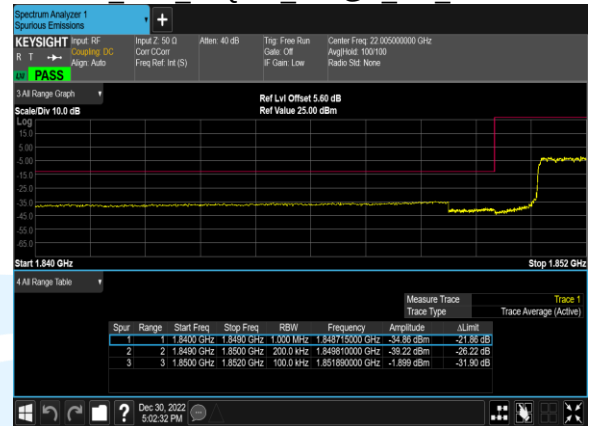
B2 1.4M 16QAM 6@0 CH 19193



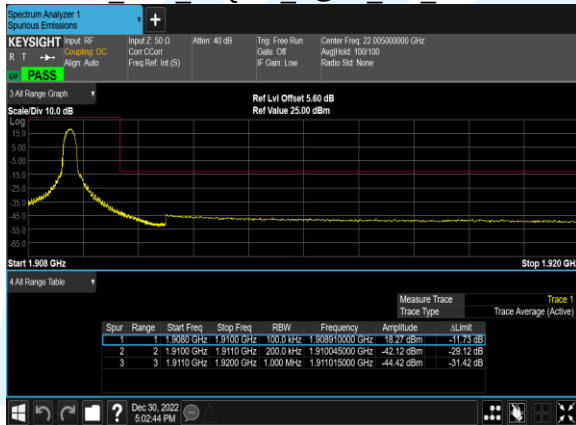
B2 20M 64QAM 1@0 CH 18700



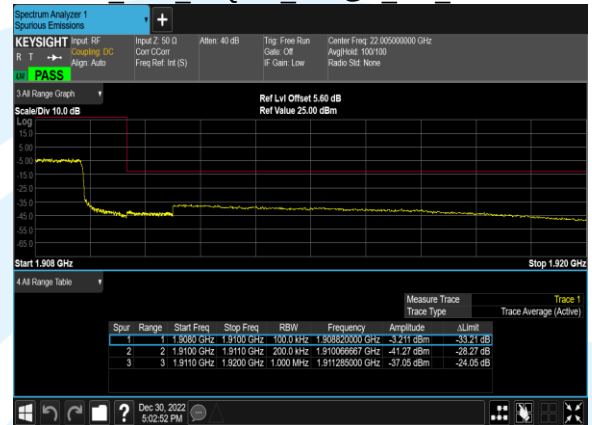
B2 20M 64QAM 100@0 CH 18700



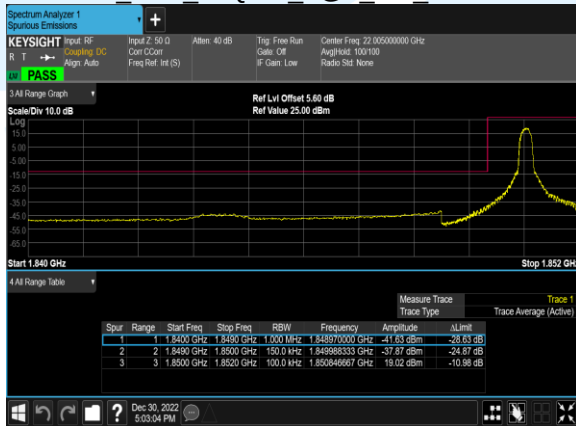
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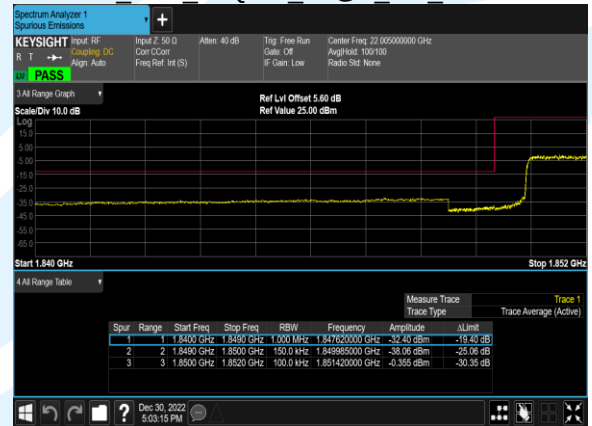
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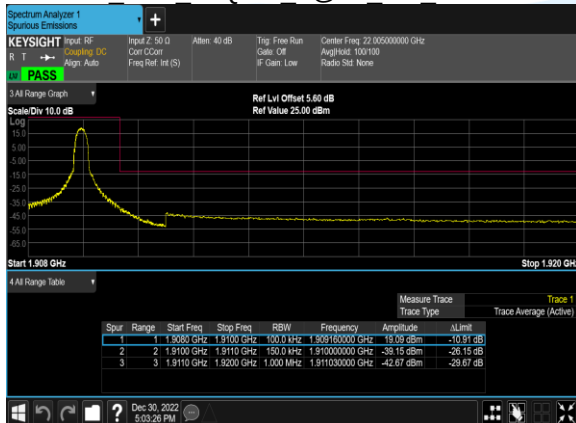
B2 15M 64QAM 1@0 CH 18675



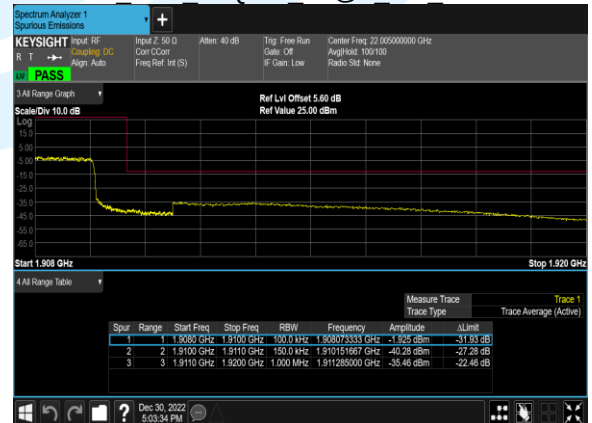
B2 15M 64QAM 75@0 CH 18675



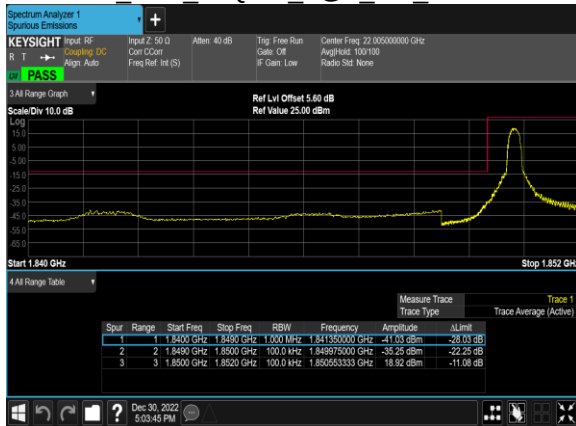
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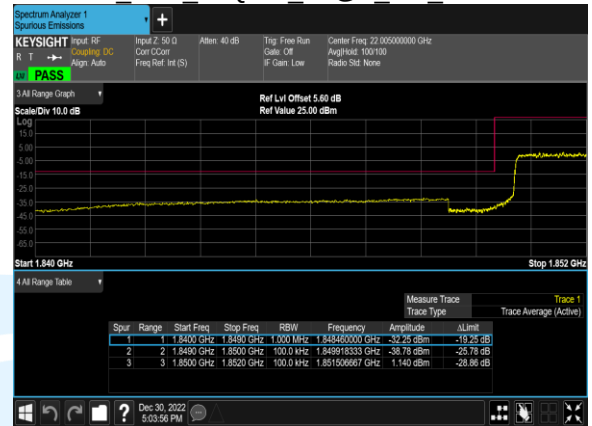
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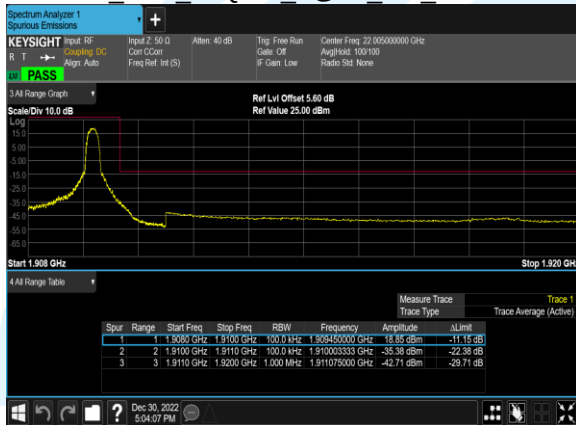
B2 10M 64QAM 1@0 CH 18650



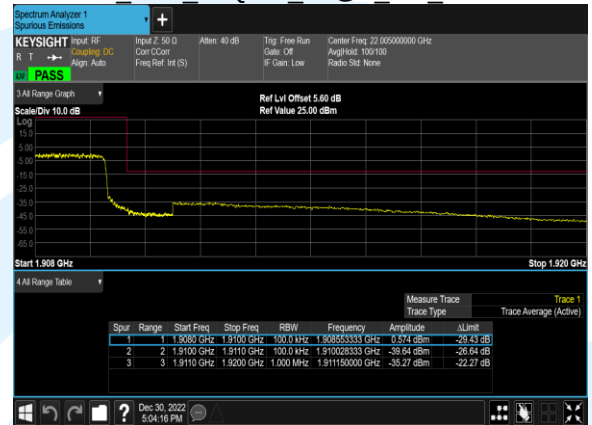
B2 10M 64QAM 50@0 CH 18650



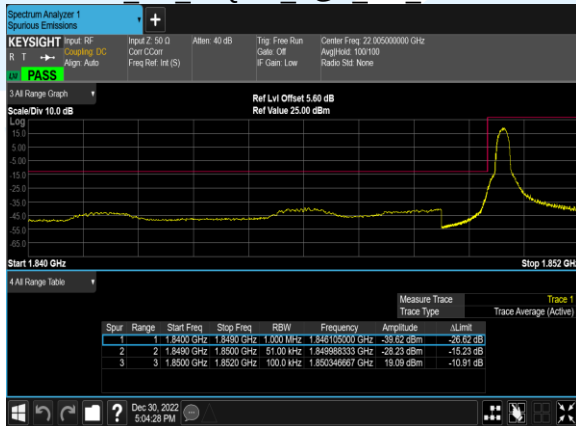
B2 10M 64QAM 1@49 CH 19150



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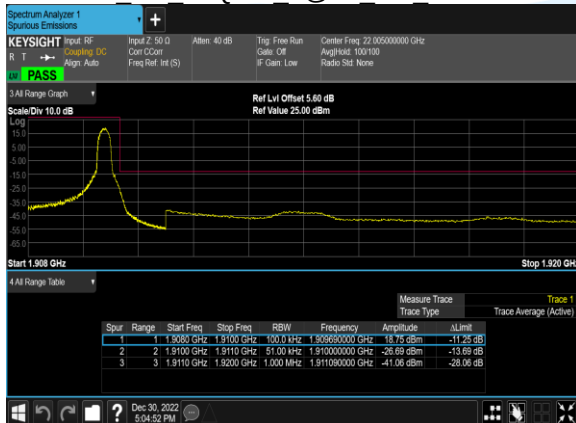
B2 5M 64QAM 1@0 CH 18625



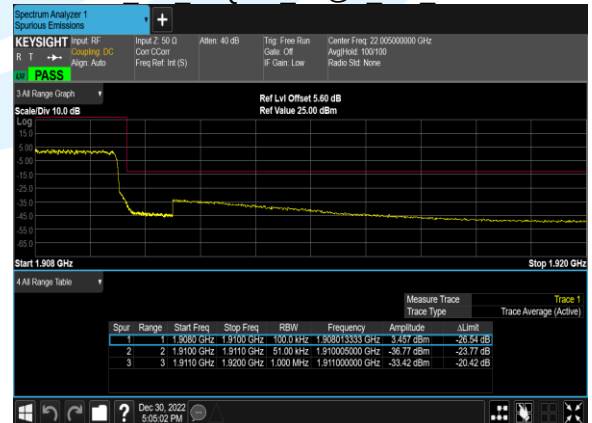
B2 5M 64QAM 25@0 CH 18625



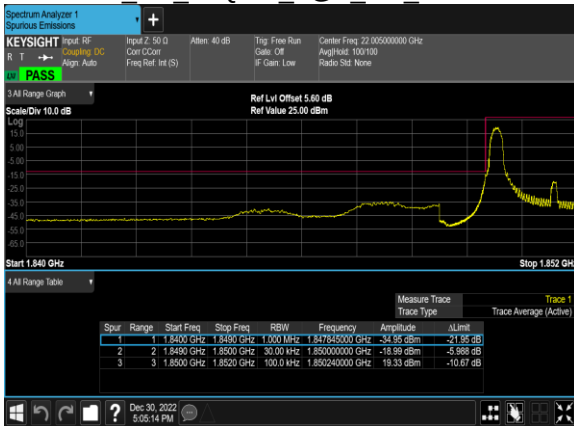
B2 5M 64QAM 1@24 CH 19175



B2 5M 64QAM 25@0 CH 19175



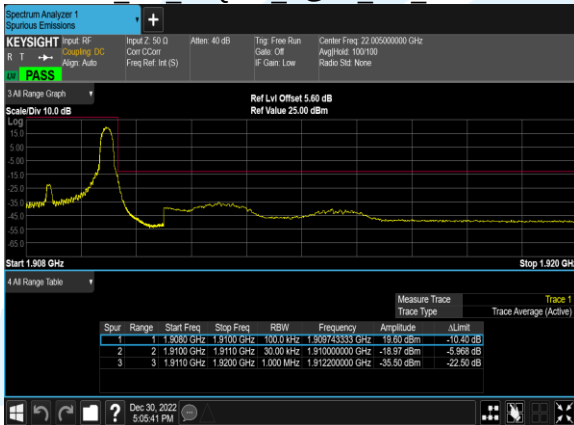
B2 3M 64QAM 1@0 CH 18615



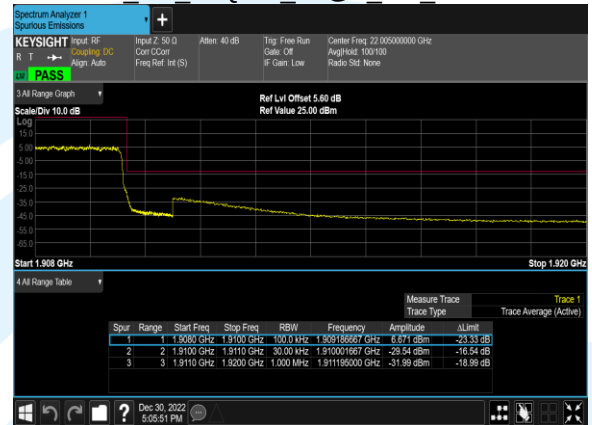
B2 3M 64QAM 15@0 CH 18615



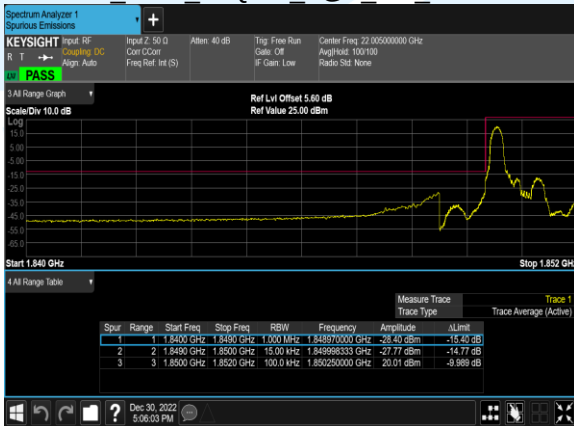
B2 3M 64QAM 1@14 CH 19185



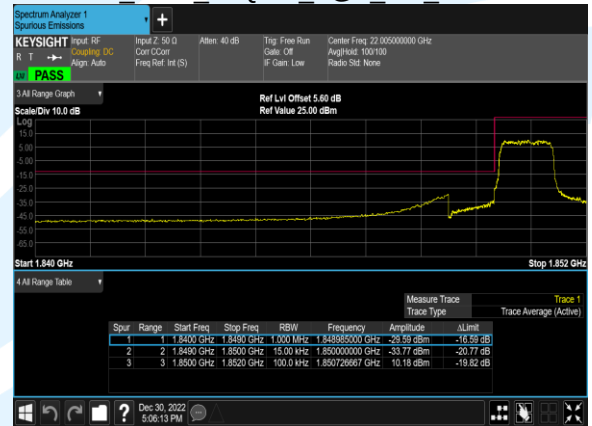
B2 3M 64QAM 15@0 CH 19185



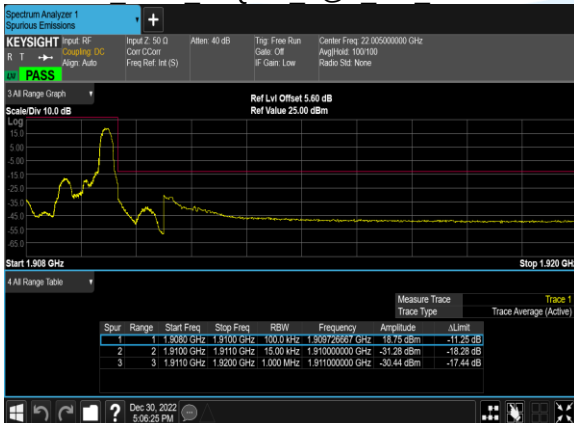
B2 1.4M 64QAM 1@0 CH 18607



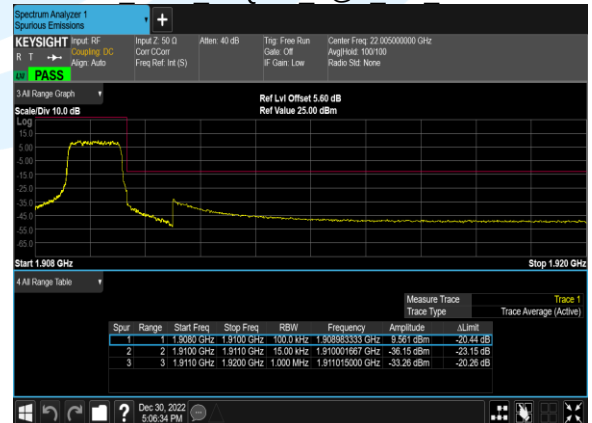
B2 1.4M 64QAM 6@0 CH 18607



B2 1.4M 64QAM 1@5 CH 19193



B2 1.4M 64QAM 6@0 CH 19193

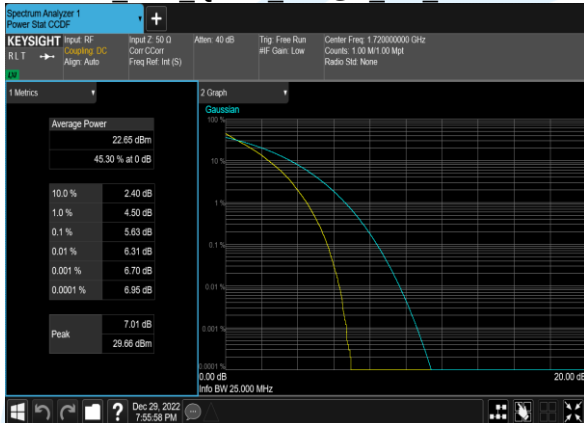


A.2 LTE BAND 4

Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
4	20.0	20050	1720.0	QPSK	100@0	5.63	13	PASS
4	20.0	20050	1720.0	16QAM	100@0	6.31	13	PASS
4	20.0	20050	1720.0	64QAM	100@0	6.37	13	PASS
4	20.0	20175	1732.5	QPSK	100@0	5.85	13	PASS
4	20.0	20175	1732.5	16QAM	100@0	6.52	13	PASS
4	20.0	20175	1732.5	64QAM	100@0	6.61	13	PASS
4	20.0	20300	1745.0	QPSK	100@0	5.74	13	PASS
4	20.0	20300	1745.0	16QAM	100@0	6.44	13	PASS
4	20.0	20300	1745.0	64QAM	100@0	6.53	13	PASS

B4 20M QPSK 100@0 CH 20050



B4 20M 16QAM 100@0 CH 20050



B4 20M QPSK 100@0 CH 20175



B4 20M 16QAM 100@0 CH 20175



B4 20M QPSK 100@0 CH 20300



B4 20M 16QAM 100@0 CH 20300



B4 20M 64QAM 100@0 CH 20050



B4 20M 64QAM 100@0 CH 20175



B4 20M 64QAM 100@0 CH 20300



Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
4	20.0	20050	1720.0	QPSK	100@0	17.876	19.15
4	20.0	20050	1720.0	16QAM	100@0	17.907	18.85
4	20.0	20050	1720.0	64QAM	100@0	17.894	18.89
4	20.0	20175	1732.5	QPSK	100@0	17.898	19.19
4	20.0	20175	1732.5	16QAM	100@0	17.902	19.49
4	20.0	20175	1732.5	64QAM	100@0	17.901	19.21
4	20.0	20300	1745.0	QPSK	100@0	17.876	18.96
4	20.0	20300	1745.0	16QAM	100@0	17.900	19.11
4	20.0	20300	1745.0	64QAM	100@0	17.911	19.17
4	15.0	20025	1717.5	QPSK	75@0	13.386	14.48
4	15.0	20025	1717.5	16QAM	75@0	13.384	14.22
4	15.0	20025	1717.5	64QAM	75@0	13.383	14.54
4	15.0	20175	1732.5	QPSK	75@0	13.424	14.42
4	15.0	20175	1732.5	16QAM	75@0	13.427	14.56
4	15.0	20175	1732.5	64QAM	75@0	13.404	14.70
4	15.0	20325	1747.5	QPSK	75@0	13.403	14.68
4	15.0	20325	1747.5	16QAM	75@0	13.422	14.56
4	15.0	20325	1747.5	64QAM	75@0	13.397	14.45
4	10.0	20000	1715.0	QPSK	50@0	8.9354	9.647
4	10.0	20000	1715.0	16QAM	50@0	8.9456	9.612
4	10.0	20000	1715.0	64QAM	50@0	8.9392	9.527
4	10.0	20175	1732.5	QPSK	50@0	8.9527	9.647
4	10.0	20175	1732.5	16QAM	50@0	8.9473	9.703
4	10.0	20175	1732.5	64QAM	50@0	8.9432	9.639
4	10.0	20350	1750.0	QPSK	50@0	8.9410	9.646
4	10.0	20350	1750.0	16QAM	50@0	8.9268	9.693
4	10.0	20350	1750.0	64QAM	50@0	8.9442	9.739
4	5.0	19975	1712.5	QPSK	25@0	4.4697	4.857
4	5.0	19975	1712.5	16QAM	25@0	4.4525	4.821
4	5.0	19975	1712.5	64QAM	25@0	4.4663	4.873
4	5.0	20175	1732.5	QPSK	25@0	4.4769	4.853
4	5.0	20175	1732.5	16QAM	25@0	4.4596	4.894
4	5.0	20175	1732.5	64QAM	25@0	4.4539	4.862
4	5.0	20375	1752.5	QPSK	25@0	4.4555	4.842
4	5.0	20375	1752.5	16QAM	25@0	4.4582	4.888
4	5.0	20375	1752.5	64QAM	25@0	4.4522	4.836
4	3.0	19965	1711.5	QPSK	15@0	2.6893	2.980
4	3.0	19965	1711.5	16QAM	15@0	2.6808	2.995
4	3.0	19965	1711.5	64QAM	15@0	2.6823	2.978
4	3.0	20175	1732.5	QPSK	15@0	2.6831	2.987
4	3.0	20175	1732.5	16QAM	15@0	2.6836	2.977
4	3.0	20175	1732.5	64QAM	15@0	2.6892	2.964
4	3.0	20385	1753.5	QPSK	15@0	2.6833	2.973
4	3.0	20385	1753.5	16QAM	15@0	2.6865	2.996
4	3.0	20385	1753.5	64QAM	15@0	2.6878	2.946
4	1.4	19957	1710.7	QPSK	6@0	1.0790	1.219
4	1.4	19957	1710.7	16QAM	6@0	1.0818	1.228
4	1.4	19957	1710.7	64QAM	6@0	1.0826	1.223
4	1.4	20175	1732.5	QPSK	6@0	1.0806	1.217
4	1.4	20175	1732.5	16QAM	6@0	1.0762	1.221
4	1.4	20175	1732.5	64QAM	6@0	1.0766	1.221
4	1.4	20393	1754.3	QPSK	6@0	1.0813	1.222
4	1.4	20393	1754.3	16QAM	6@0	1.0796	1.219
4	1.4	20393	1754.3	64QAM	6@0	1.0820	1.220

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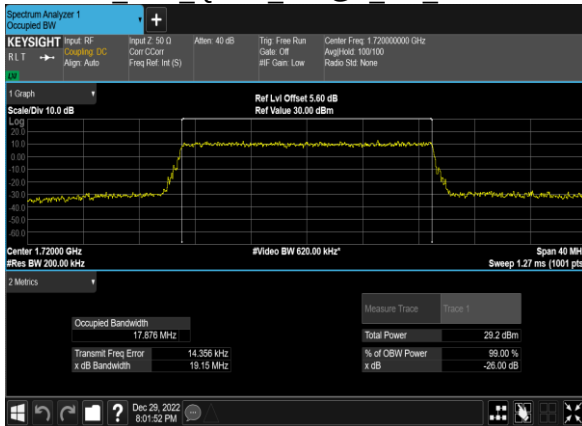
Fax: +86-755-28230886

E-mail: info@uttlab.com

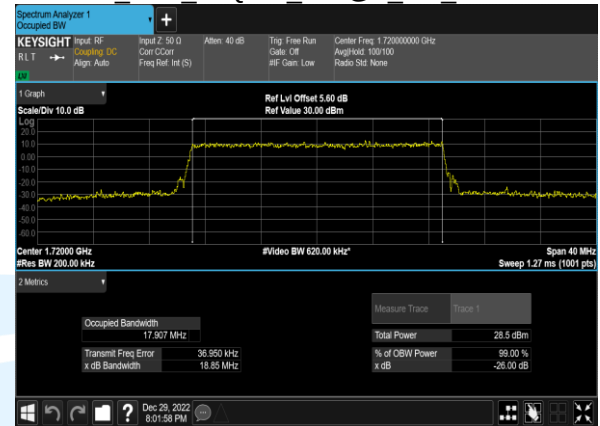
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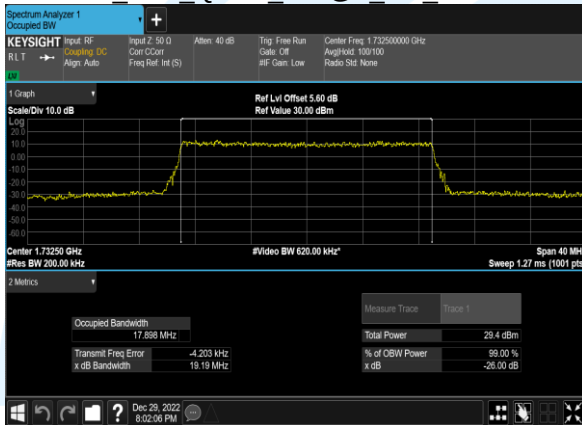
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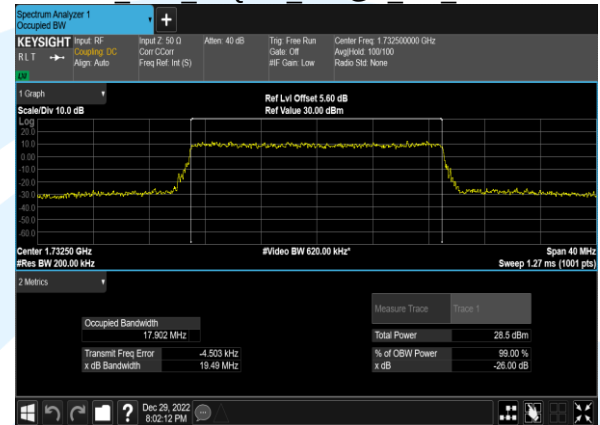
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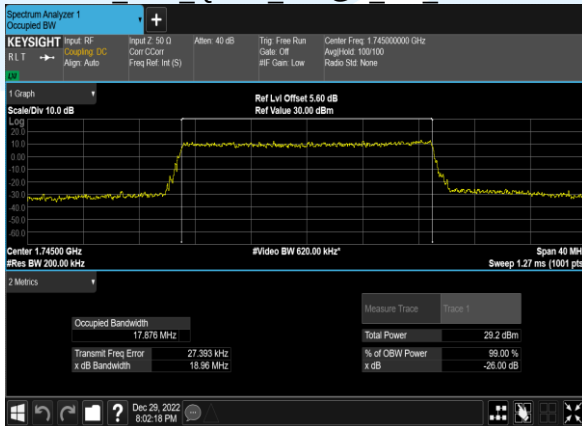
B4 20M QPSK 100@0 CH 20175



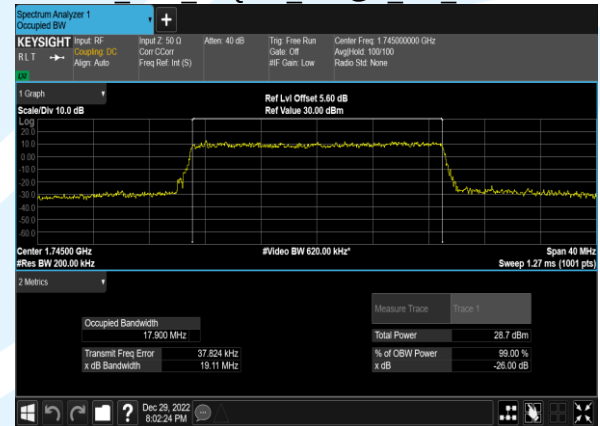
B4 20M 16QAM 100@0 CH 20175



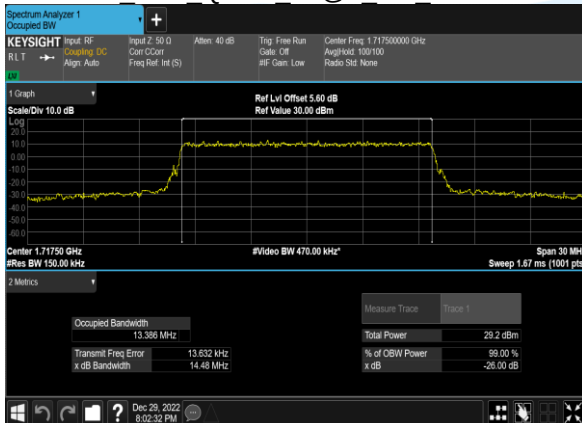
B4 20M QPSK 100@0 CH 20300



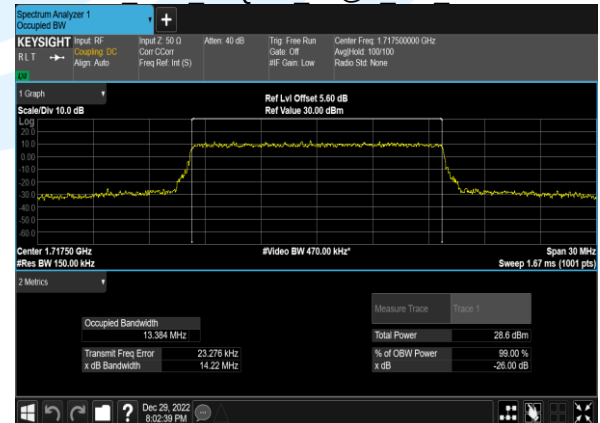
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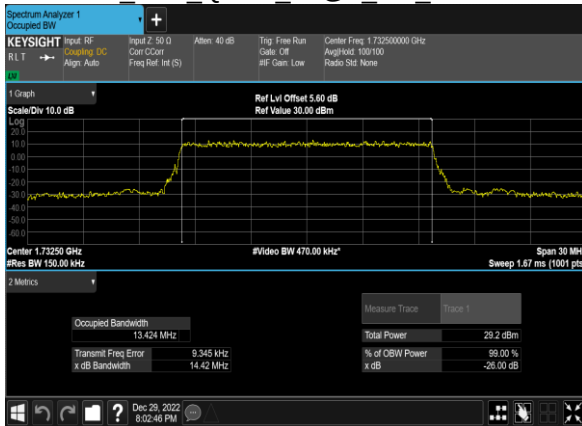
B4 15M QPSK 75@0 CH 20025



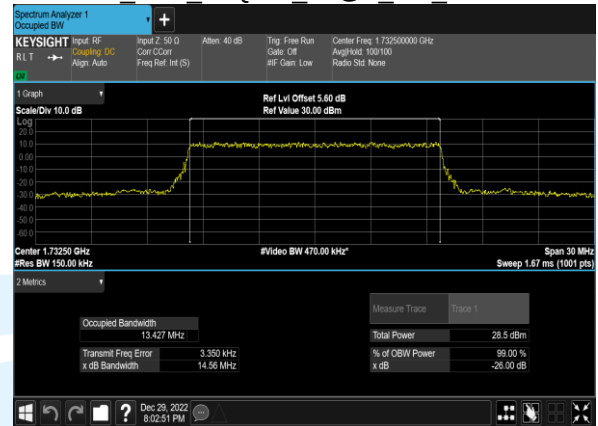
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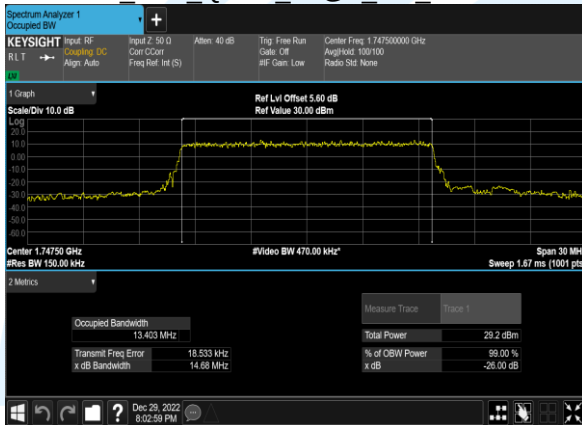
B4 15M QPSK 75@0 CH 20175



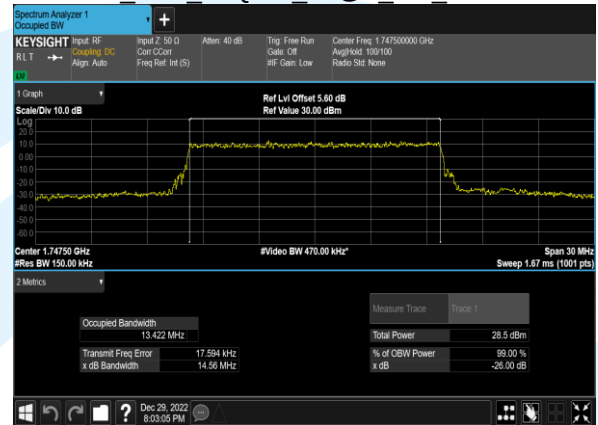
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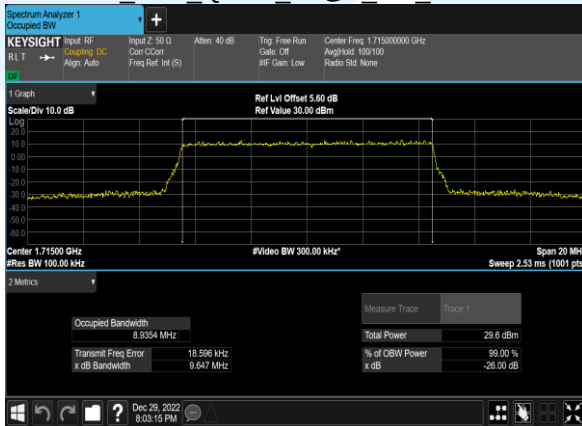
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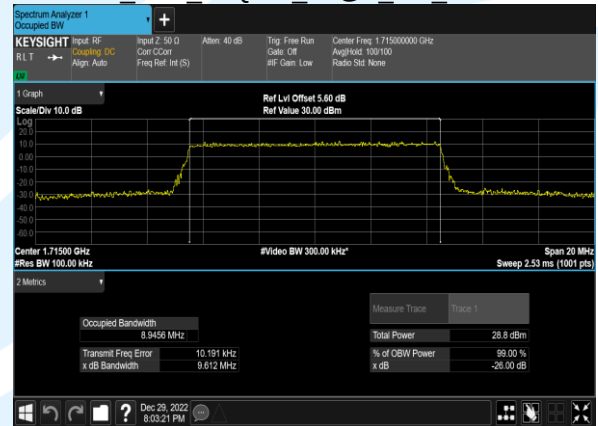
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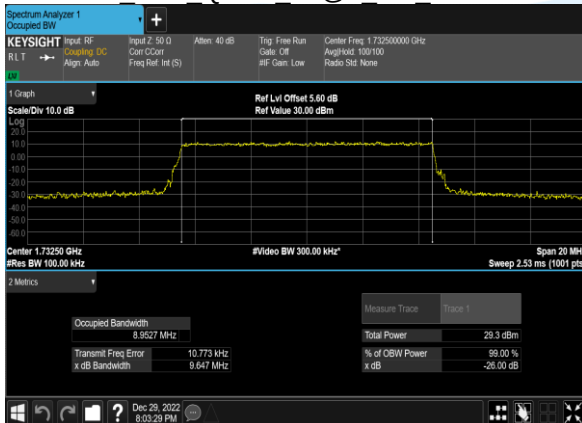
B4 10M QPSK 50@0 CH 20000



B4 10M 16QAM 50@0 CH 20000



B4 10M QPSK 50@0 CH 20175



B4 10M 16QAM 50@0 CH 20175

