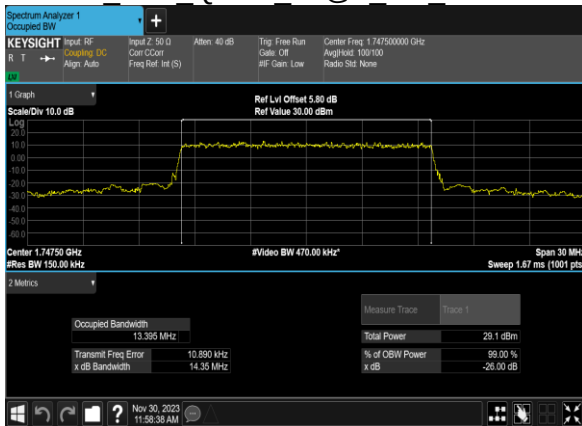
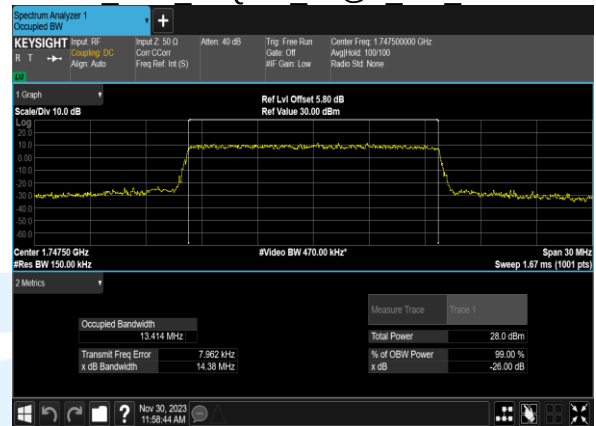


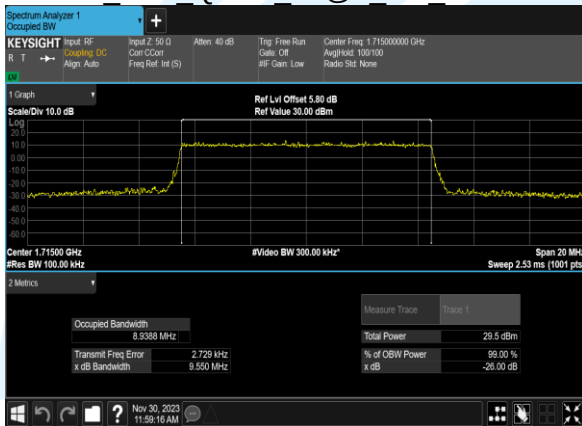
B4 15M QPSK 75@0 CH 20325



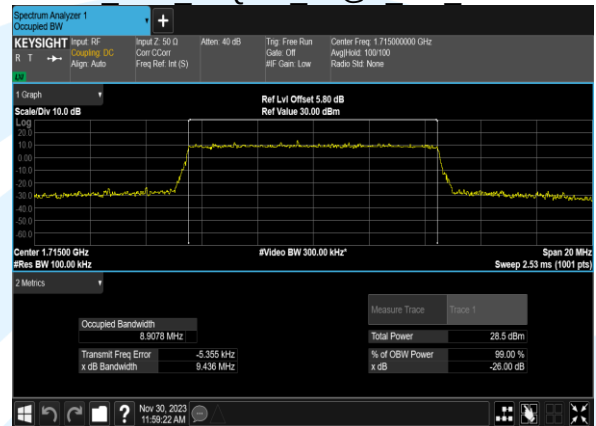
B4 15M 16QAM 75@0 CH 20325



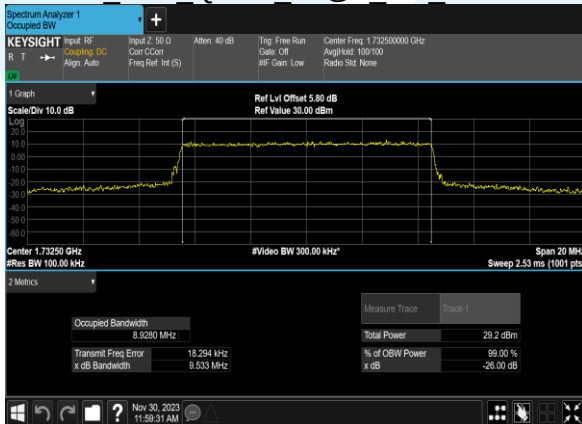
B4 10M QPSK 50@0 CH 20000



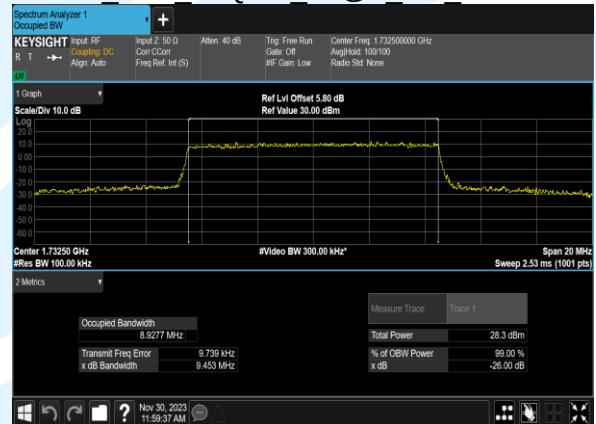
B4 10M 16QAM 50@0 CH 20000



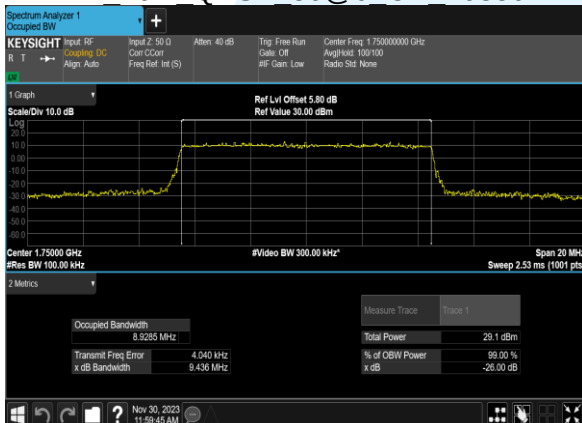
B4 10M QPSK 50@0 CH 20175



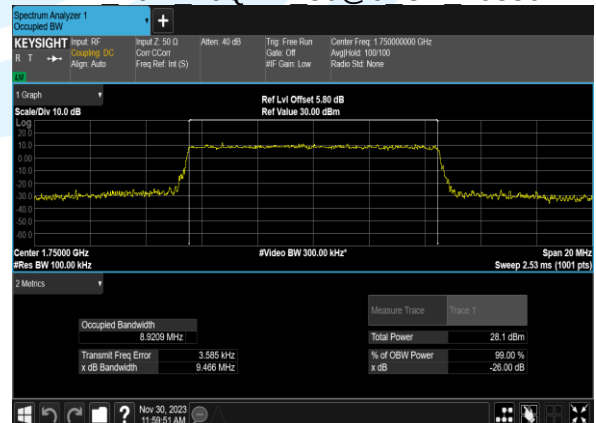
B4 10M 16QAM 50@0 CH 20175



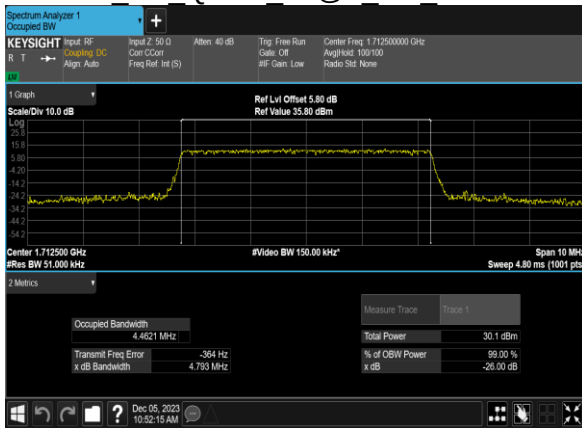
B4 10M QPSK 50@0 CH 20350



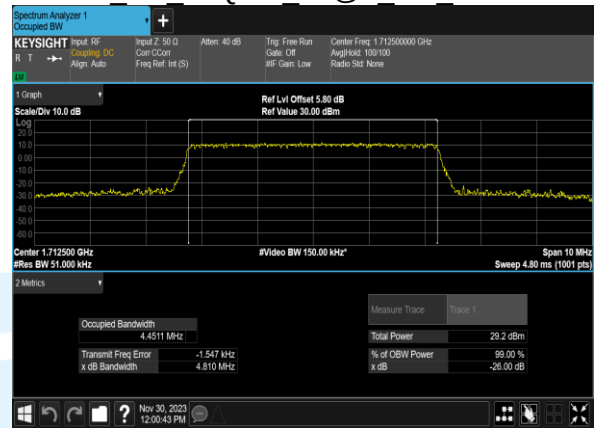
B4 10M 16QAM 50@0 CH 20350



B4 5M QPSK 25@0 CH 19975



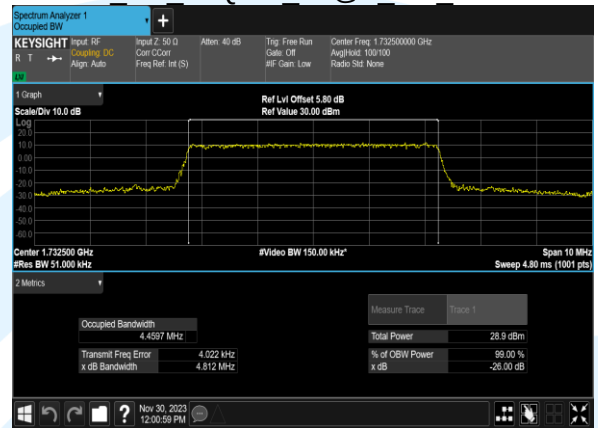
B4 5M 16QAM 25@0 CH 19975



B4 5M QPSK 25@0 CH 20175



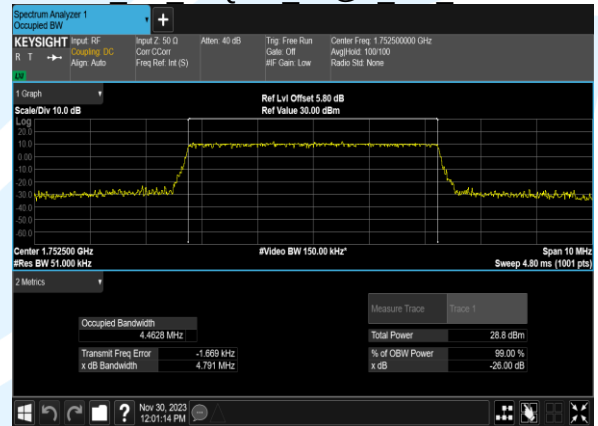
B4 5M 16QAM 25@0 CH 20175



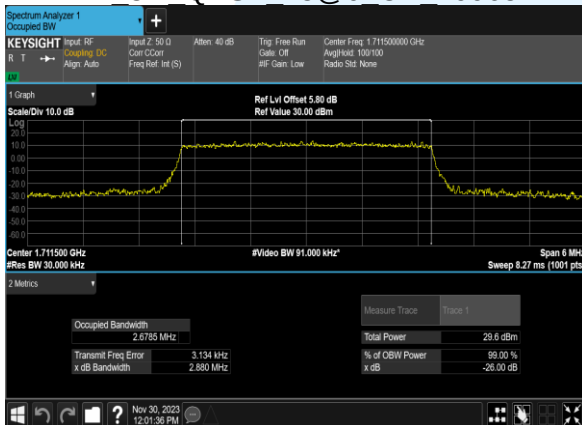
B4 5M QPSK 25@0 CH 20375



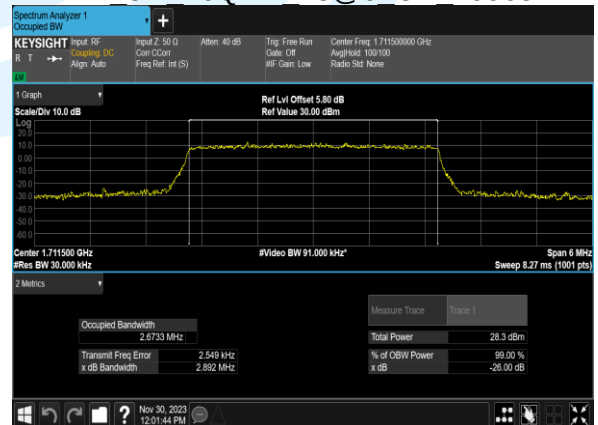
B4 5M 16QAM 25@0 CH 20375



B4 3M QPSK 15@0 CH 19965



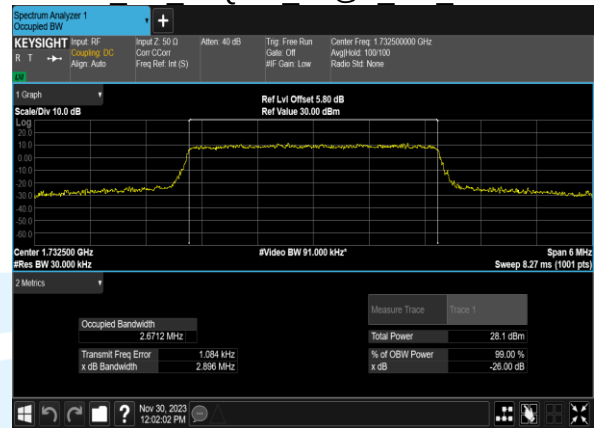
B4 3M 16QAM 15@0 CH 19965



B4 3M QPSK 15@0 CH 20175



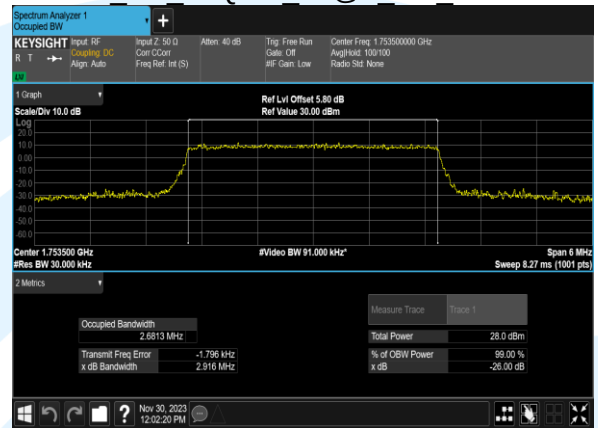
B4 3M 16QAM 15@0 CH 20175



B4 3M QPSK 15@0 CH 20385



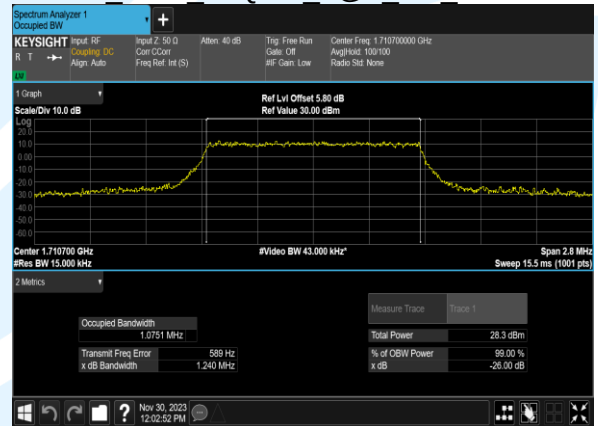
B4 3M 16QAM 15@0 CH 20385



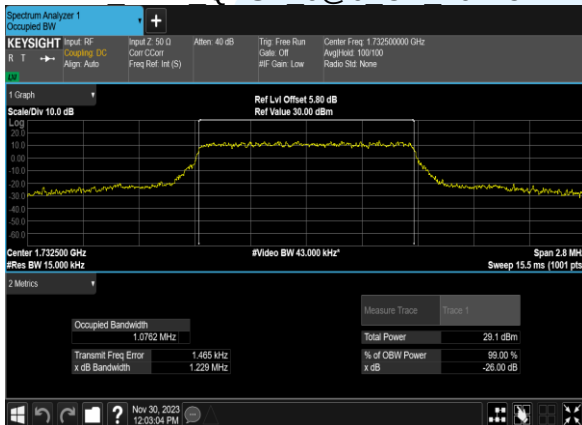
B4 1.4M QPSK 6@0 CH 19957



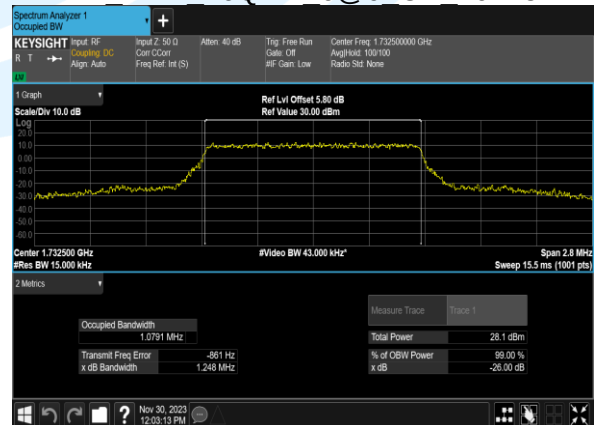
B4 1.4M 16QAM 6@0 CH 19957



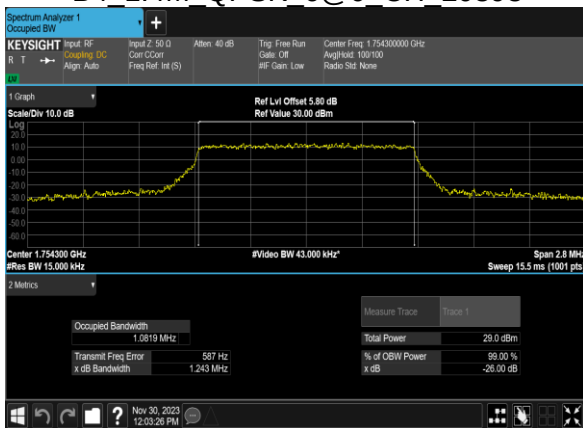
B4 1.4M QPSK 6@0 CH 20175



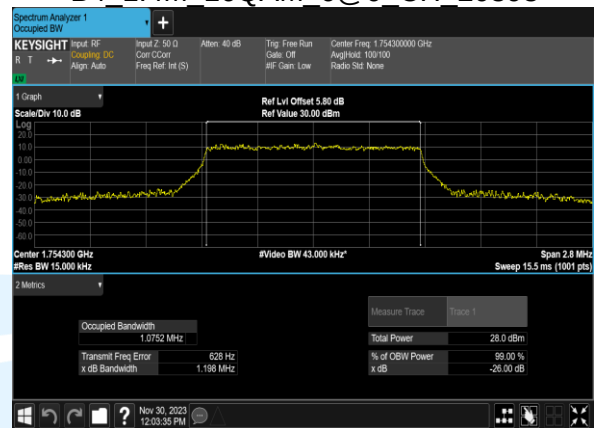
B4 1.4M 16QAM 6@0 CH 20175



B4 1.4M QPSK 6@0 CH 20393



B4 1.4M 16QAM 6@0 CH 20393



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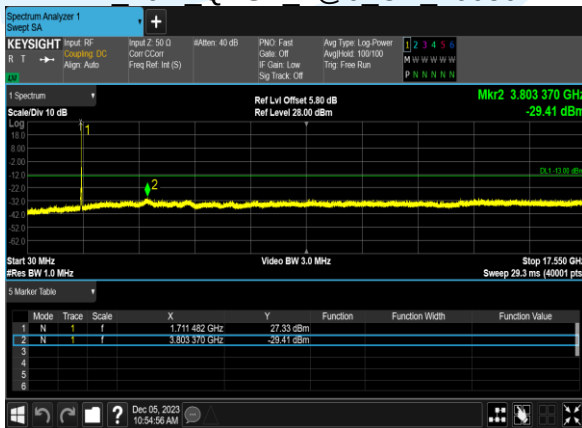
UTTR-RF-FCC4G-V1.1

Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
4	20.0	20050	1720.0	QPSK	1@0	-29.41	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	-29.65	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	-29.96	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	-29.95	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	-29.82	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	-29.35	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	-30.01	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	-29.88	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	-29.1	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	-29.23	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	-29.69	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	-29.32	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	-29.82	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	-29.73	-13	PASS
4	10.0	20175	1732.5	QPSK	1@0	-29.57	-13	PASS
4	10.0	20175	1732.5	16QAM	1@0	-27.79	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	-29.77	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	-29.52	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	-29.05	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	-29.83	-13	PASS
4	5.0	20175	1732.5	QPSK	1@0	-29.93	-13	PASS
4	5.0	20175	1732.5	16QAM	1@0	-30.02	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	-30.01	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	-29.7	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	-29.1	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	-29.74	-13	PASS
4	3.0	20175	1732.5	QPSK	1@0	-29.67	-13	PASS
4	3.0	20175	1732.5	16QAM	1@0	-29.85	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	-29.78	-13	PASS
4	3.0	20385	1753.5	16QAM	1@0	-29.85	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	-29.93	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	-29.8	-13	PASS
4	1.4	20175	1732.5	QPSK	1@0	-29.35	-13	PASS
4	1.4	20175	1732.5	16QAM	1@0	-29.64	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	-29.46	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	-29.17	-13	PASS

Test Graphs

B4 20M QPSK 1@0 CH 20050



B4 20M 16QAM 1@0 CH 20050



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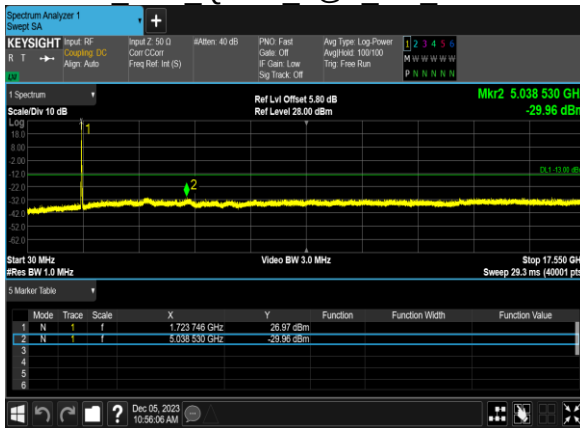
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B4_20M_QPSK_1@0_CH_20175



B4_20M_16QAM_1@0_CH_20175



B4_20M_QPSK_1@0_CH_20300



B4_20M_16QAM_1@0_CH_20300



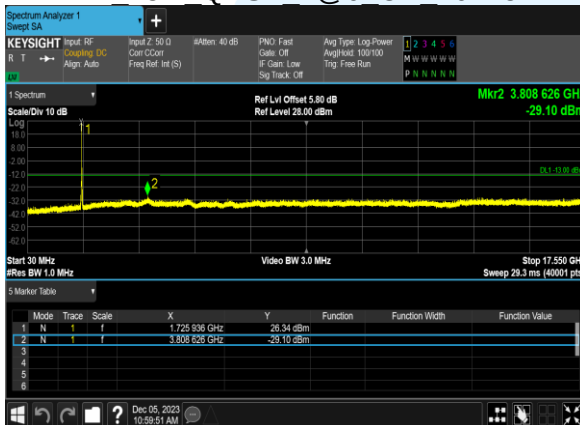
B4_15M_QPSK_1@0_CH_2025



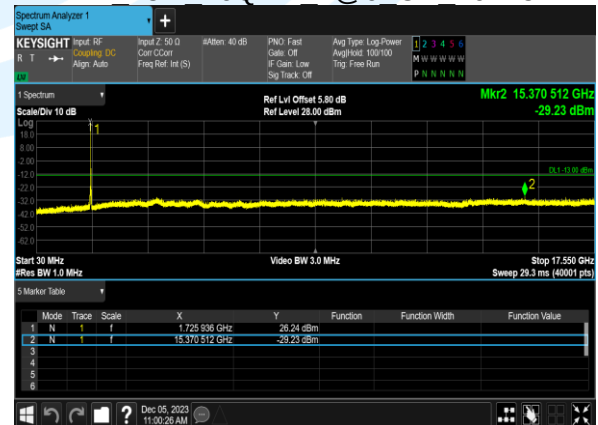
B4_15M_16QAM_1@0_CH_2025



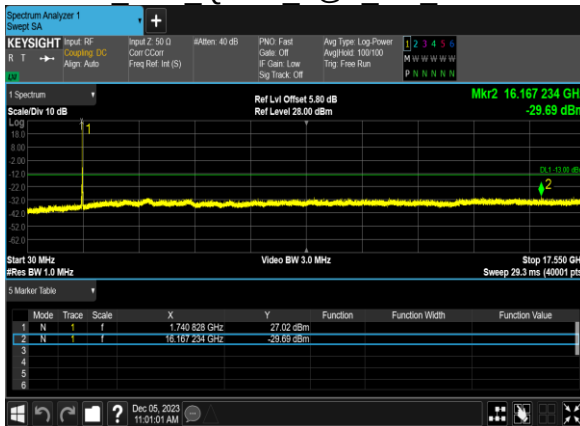
B4_15M_QPSK_1@0_CH_20175



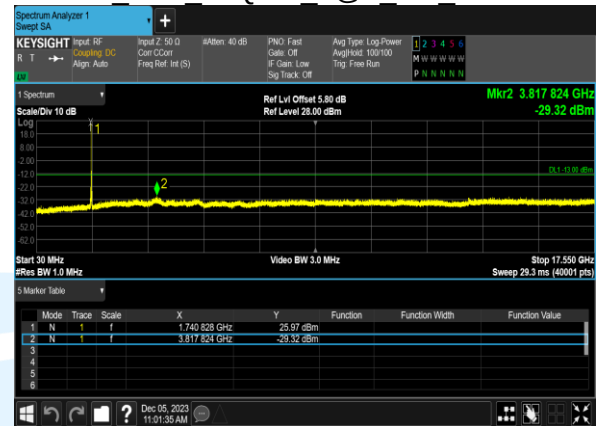
B4_15M_16QAM_1@0_CH_20175



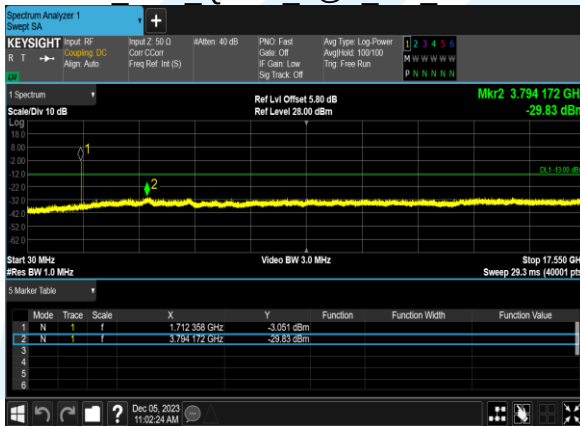
B4_15M QPSK 1@0 CH 20325



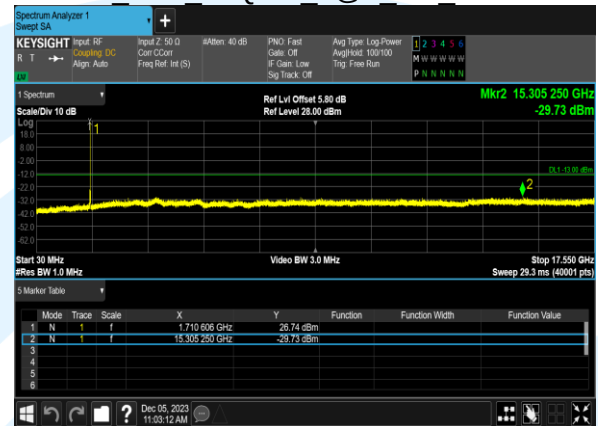
B4_15M 16QAM 1@0 CH 20325



B4_10M QPSK 1@0 CH 20000



B4_10M 16QAM 1@0 CH 20000



B4_10M QPSK 1@0 CH 20175



B4_10M 16QAM 1@0 CH 20175



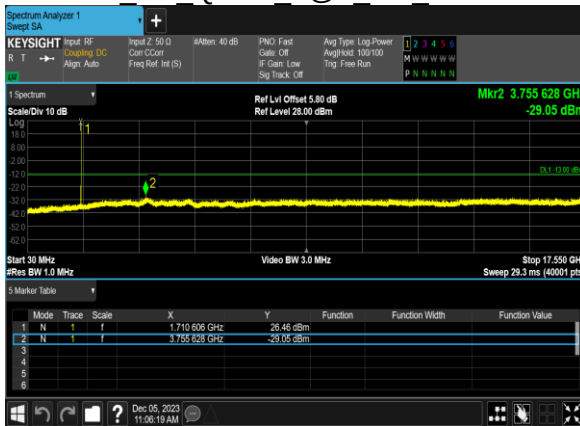
B4_10M QPSK 1@0 CH 20350



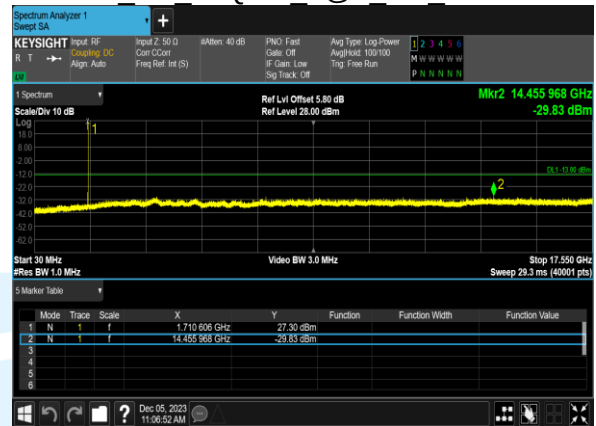
B4_10M 16QAM 1@0 CH 20350



B4 5M QPSK 1@0 CH 19975



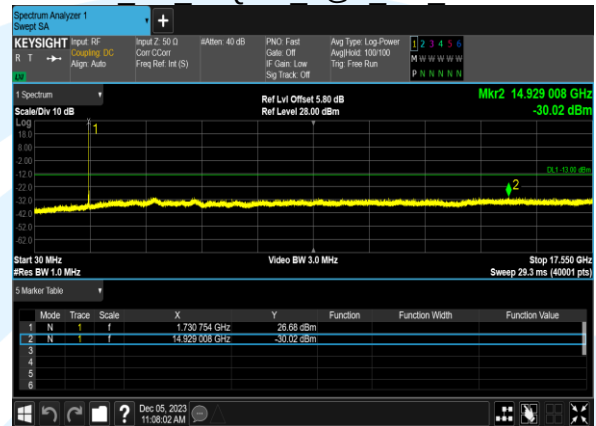
B4 5M 16QAM 1@0 CH 19975



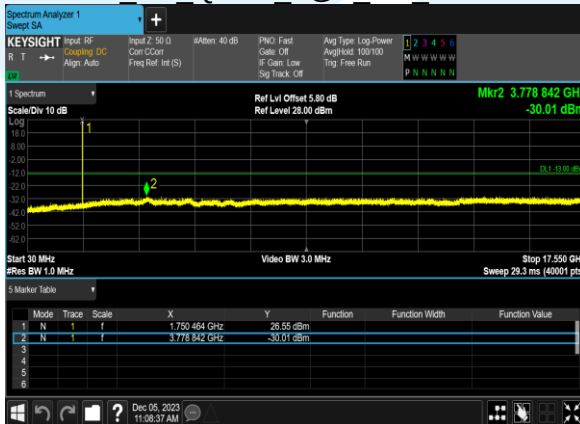
B4 5M QPSK 1@0 CH 20175



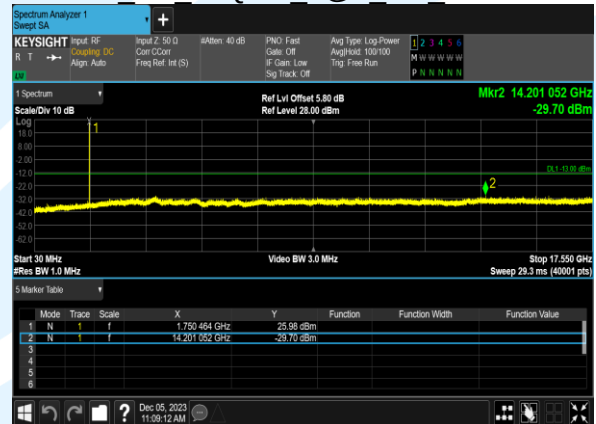
B4 5M 16QAM 1@0 CH 20175



B4 5M QPSK 1@0 CH 20375



B4 5M 16QAM 1@0 CH 20375



B4 3M QPSK 1@0 CH 19965



B4 3M 16QAM 1@0 CH 19965



B4 3M QPSK 1@0 CH 20175



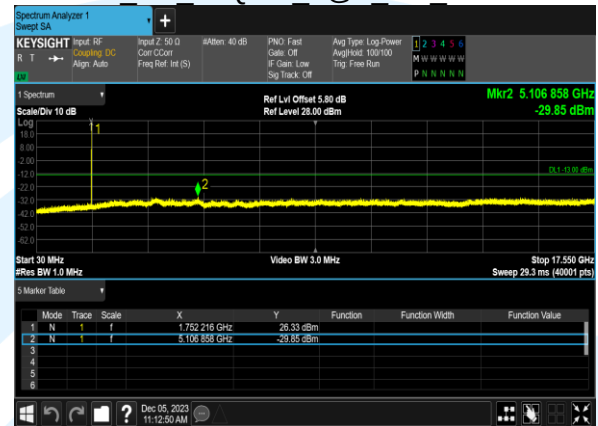
B4 3M 16QAM 1@0 CH 20175



B4 3M QPSK 1@0 CH 20385



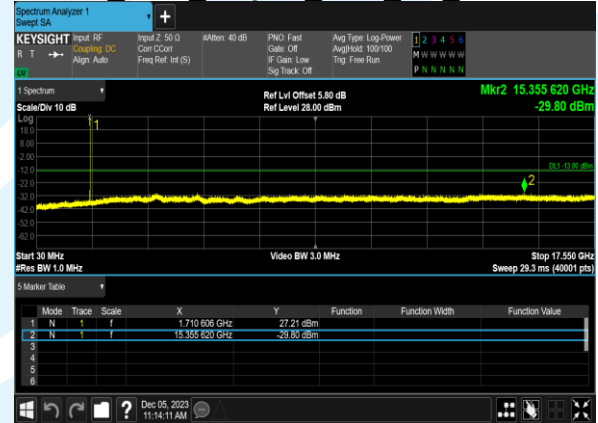
B4 3M 16QAM 1@0 CH 20385



B4 1.4M QPSK 1@0 CH 19957



B4 1.4M 16QAM 1@0 CH 19957



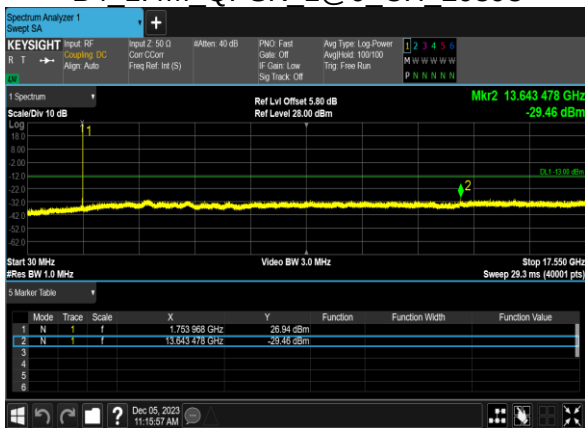
B4 1.4M QPSK 1@0 CH 20175



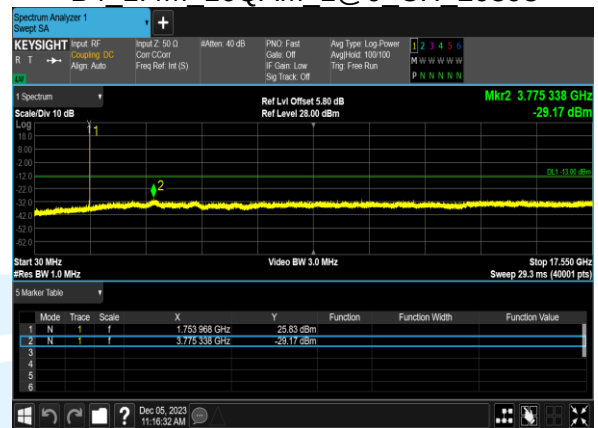
B4 1.4M 16QAM 1@0 CH 20175



B4 1.4M QPSK 1@0 CH 20393



B4 1.4M 16QAM 1@0 CH 20393



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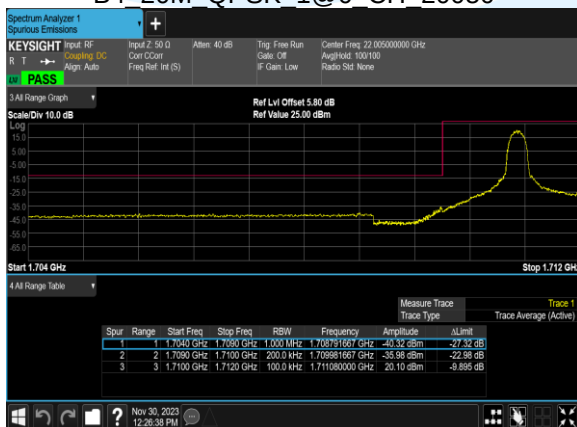
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Conducted Band Edge

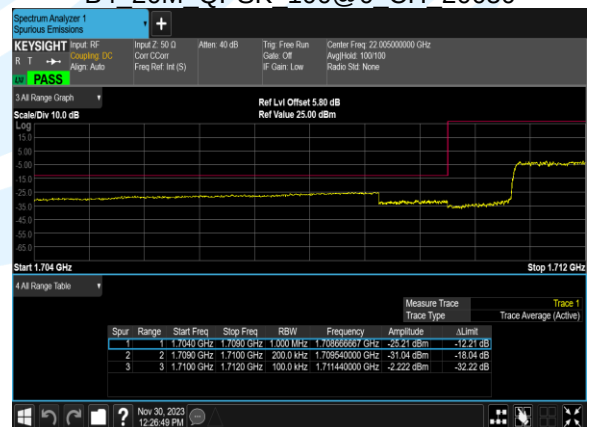
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
4	20.0	20050	1720.0	QPSK	1@0	see graph	PASS
4	20.0	20050	1720.0	QPSK	100@0	see graph	PASS
4	20.0	20050	1720.0	16QAM	1@0	see graph	PASS
4	20.0	20050	1720.0	16QAM	100@0	see graph	PASS
4	20.0	20300	1745.0	QPSK	1@99	see graph	PASS
4	20.0	20300	1745.0	QPSK	100@0	see graph	PASS
4	20.0	20300	1745.0	16QAM	1@99	see graph	PASS
4	20.0	20300	1745.0	16QAM	100@0	see graph	PASS
4	15.0	20025	1717.5	QPSK	1@0	see graph	PASS
4	15.0	20025	1717.5	QPSK	75@0	see graph	PASS
4	15.0	20025	1717.5	16QAM	1@0	see graph	PASS
4	15.0	20025	1717.5	16QAM	75@0	see graph	PASS
4	15.0	20325	1747.5	QPSK	1@74	see graph	PASS
4	15.0	20325	1747.5	QPSK	75@0	see graph	PASS
4	15.0	20325	1747.5	16QAM	1@74	see graph	PASS
4	15.0	20325	1747.5	16QAM	75@0	see graph	PASS
4	10.0	20000	1715.0	QPSK	1@0	see graph	PASS
4	10.0	20000	1715.0	QPSK	50@0	see graph	PASS
4	10.0	20000	1715.0	16QAM	1@0	see graph	PASS
4	10.0	20000	1715.0	16QAM	50@0	see graph	PASS
4	10.0	20350	1750.0	QPSK	1@49	see graph	PASS
4	10.0	20350	1750.0	QPSK	50@0	see graph	PASS
4	10.0	20350	1750.0	16QAM	1@49	see graph	PASS
4	10.0	20350	1750.0	16QAM	50@0	see graph	PASS
4	5.0	19975	1712.5	QPSK	1@0	see graph	PASS
4	5.0	19975	1712.5	QPSK	25@0	see graph	PASS
4	5.0	19975	1712.5	16QAM	1@0	see graph	PASS
4	5.0	19975	1712.5	16QAM	25@0	see graph	PASS
4	5.0	20375	1752.5	QPSK	1@24	see graph	PASS
4	5.0	20375	1752.5	QPSK	25@0	see graph	PASS
4	5.0	20375	1752.5	16QAM	1@24	see graph	PASS
4	5.0	20375	1752.5	16QAM	25@0	see graph	PASS
4	3.0	19965	1711.5	QPSK	1@0	see graph	PASS
4	3.0	19965	1711.5	QPSK	15@0	see graph	PASS
4	3.0	19965	1711.5	16QAM	1@0	see graph	PASS
4	3.0	19965	1711.5	16QAM	15@0	see graph	PASS
4	3.0	20385	1753.5	QPSK	1@14	see graph	PASS
4	3.0	20385	1753.5	QPSK	15@0	see graph	PASS
4	3.0	20385	1753.5	16QAM	1@14	see graph	PASS
4	3.0	20385	1753.5	16QAM	15@0	see graph	PASS
4	1.4	19957	1710.7	QPSK	1@0	see graph	PASS
4	1.4	19957	1710.7	QPSK	6@0	see graph	PASS
4	1.4	19957	1710.7	16QAM	1@0	see graph	PASS
4	1.4	19957	1710.7	16QAM	6@0	see graph	PASS
4	1.4	20393	1754.3	QPSK	1@5	see graph	PASS
4	1.4	20393	1754.3	QPSK	6@0	see graph	PASS
4	1.4	20393	1754.3	16QAM	1@5	see graph	PASS
4	1.4	20393	1754.3	16QAM	6@0	see graph	PASS

Test Graphs

B4 20M QPSK 1@0 CH 20050



B4 20M QPSK 100@0 CH 20050



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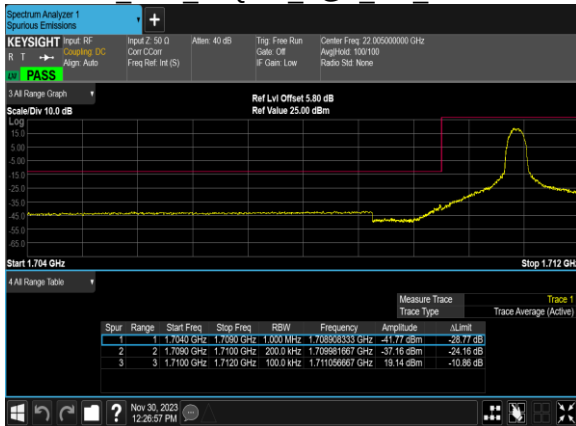
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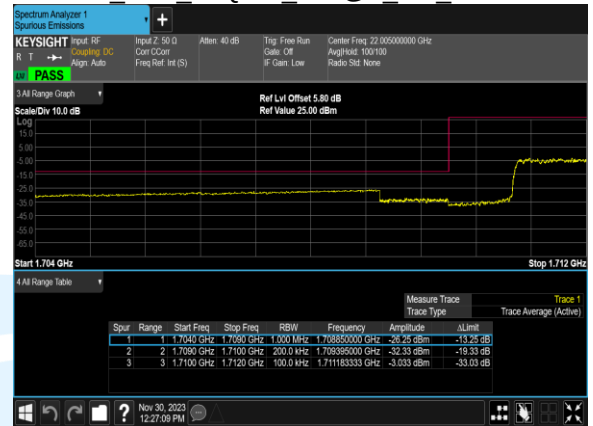
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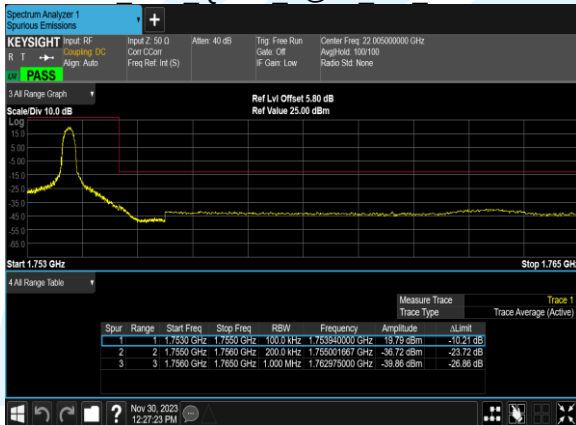
B4 20M 16QAM 1@0 CH 20050



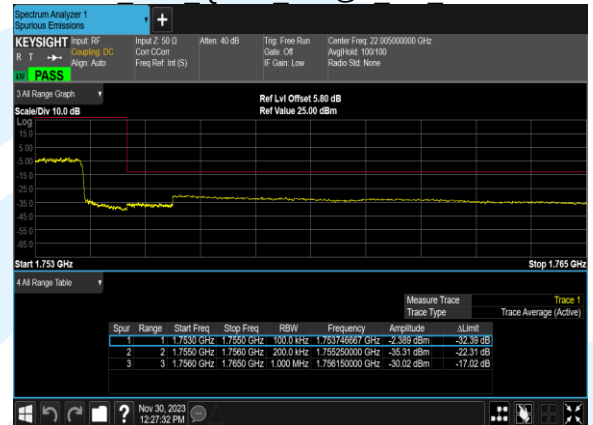
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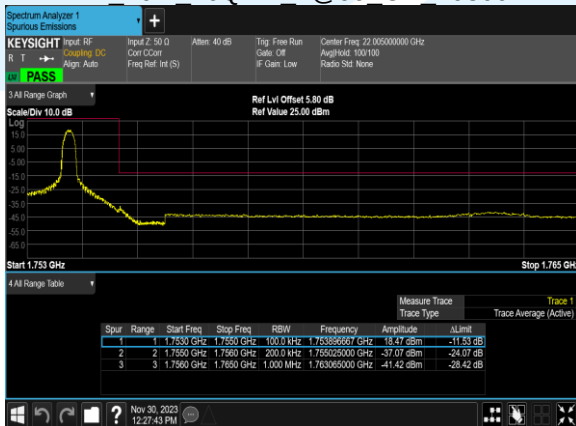
B4 20M QPSK 1@99 CH 20300



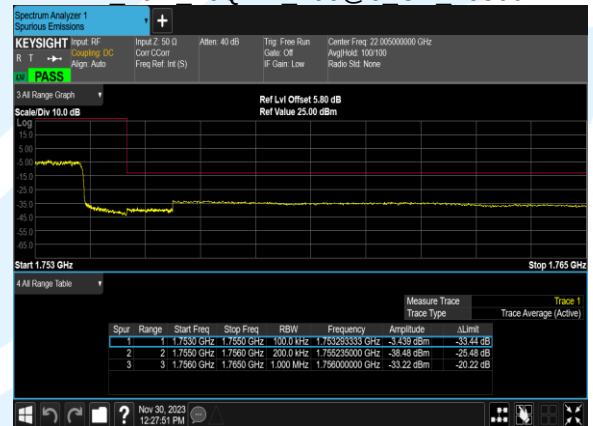
B4 20M QPSK 100@0 CH 20300



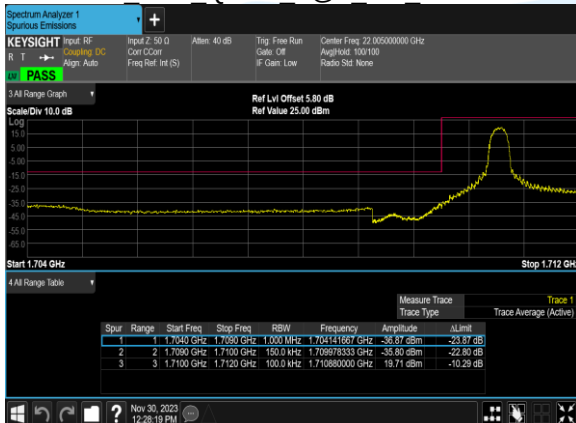
B4 20M 16QAM 1@99 CH 20300



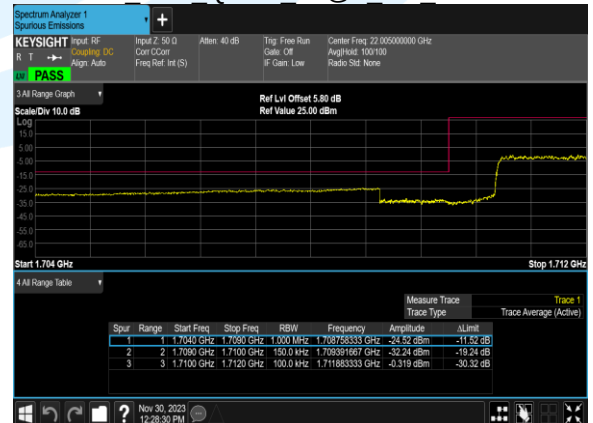
B4 20M 16QAM 100@0 CH 20300



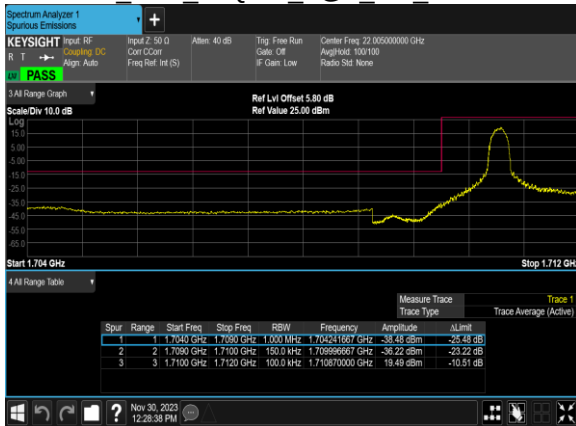
B4 15M QPSK 1@0 CH 20025



B4 15M QPSK 75@0 CH 20025



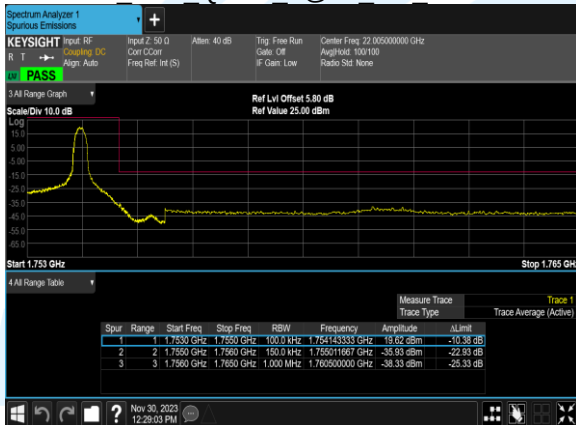
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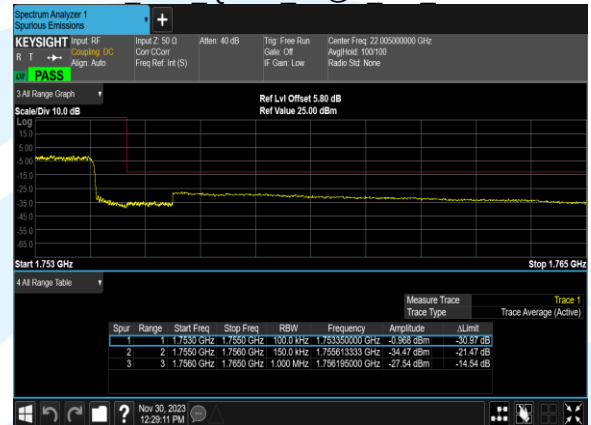
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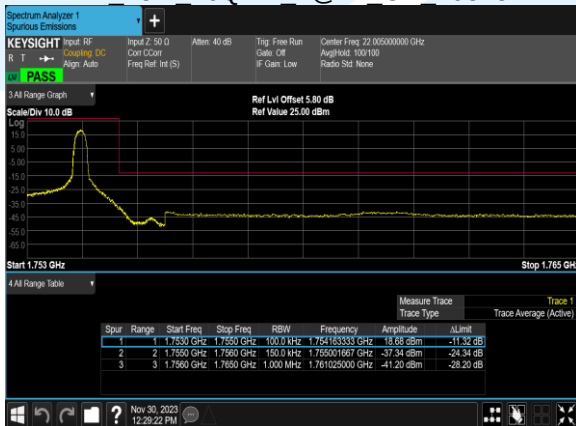
B4 15M QPSK 1@74 CH 20325



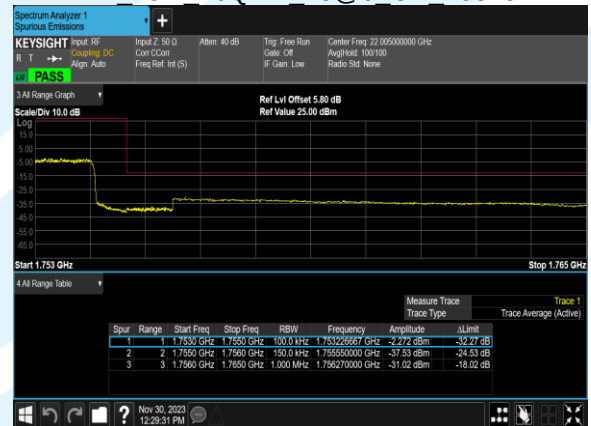
B4 15M QPSK 75@0 CH 20325



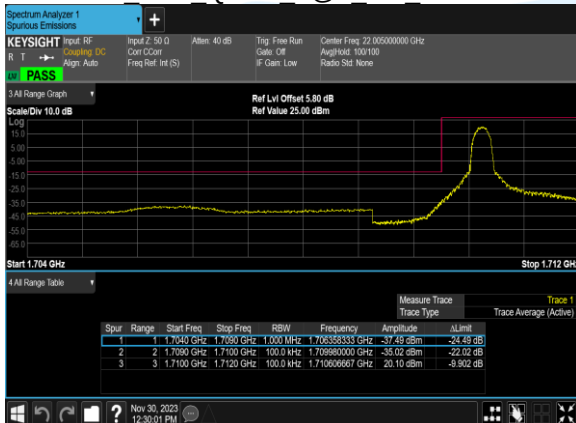
B4 15M 16QAM 1@74 CH 20325



B4 15M 16QAM 75@0 CH 20325



B4 10M QPSK 1@0 CH 20000



B4 10M QPSK 50@0 CH 20000

