

B5(5.0M) QPSK 1@0 20525 CH



B5(5.0M) 16QAM 1@0 20525 CH



B5(5.0M) QPSK 1@0 20625 CH



B5(5.0M) 16QAM 1@0 20625 CH



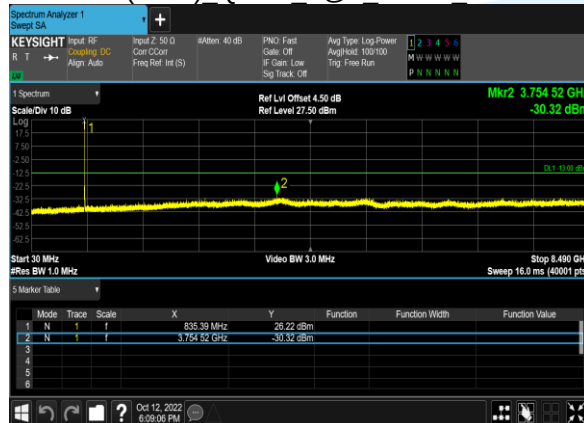
B5(3.0M) QPSK 1@0 20415 CH



B5(3.0M) 16QAM 1@0 20415 CH



B5(3.0M) QPSK 1@0 20525 CH



B5(3.0M) 16QAM 1@0 20525 CH



B5(3.0M) QPSK 1@0 20635 CH



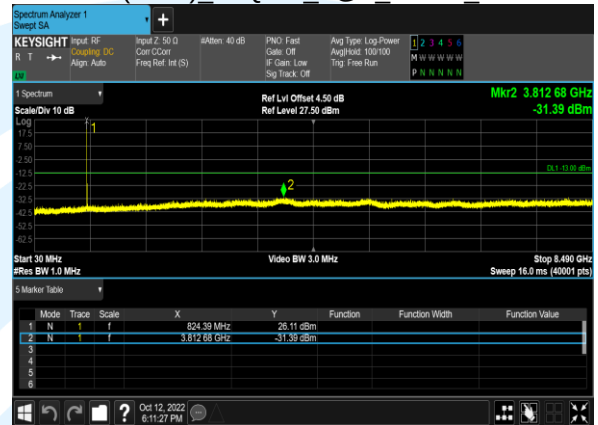
B5(3.0M) 16QAM 1@0 20635 CH



B5(1.4M) QPSK 1@0 20407 CH



B5(1.4M) 16QAM 1@0 20407 CH



B5(1.4M) QPSK 1@0 20525 CH



B5(1.4M) 16QAM 1@0 20525 CH



B5(1.4M) QPSK 1@0 20643 CH



B5(1.4M) 16QAM 1@0 20643 CH



B5(10.0M) 64QAM 1@0 20450 CH



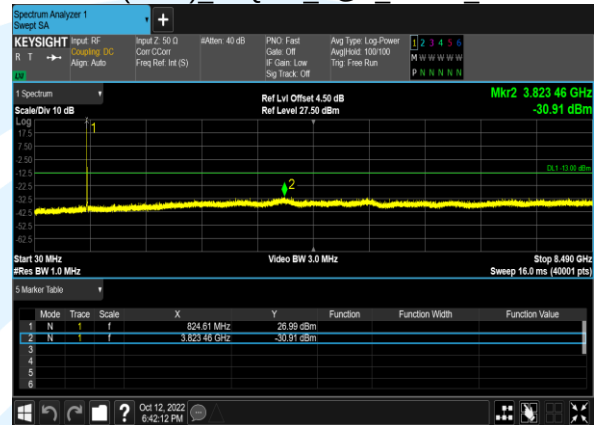
B5(10.0M) 64QAM 1@0 20525 CH



B5(10.0M) 64QAM 1@0 20600 CH



B5(5.0M) 64QAM 1@0 20425 CH



B5(5.0M) 64QAM 1@0 20525 CH



B5(5.0M) 64QAM 1@0 20625 CH



B5(3.0M) 64QAM 1@0 20415 CH



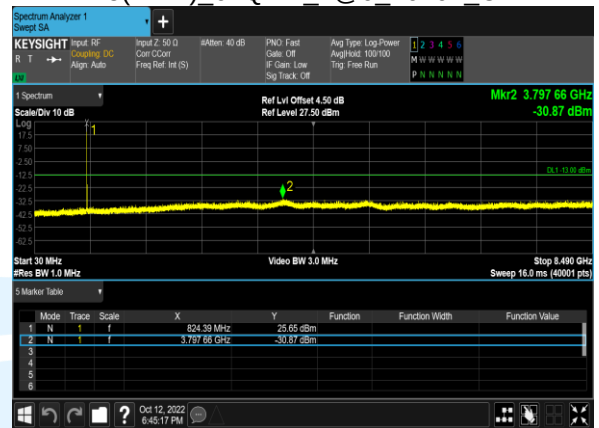
B5(3.0M) 64QAM 1@0 20525 CH



B5(3.0M) 64QAM 1@0 20635 CH



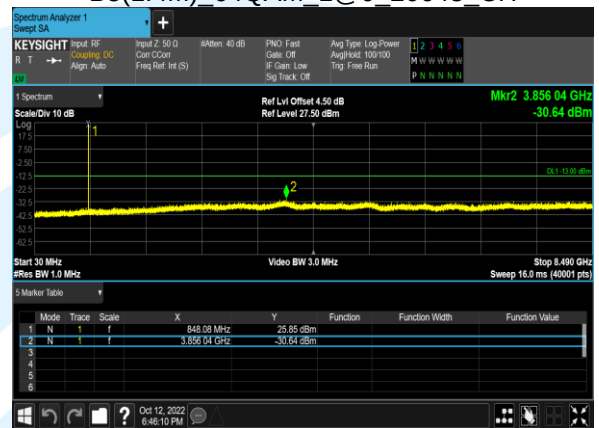
B5(1.4M) 64QAM 1@0 20407 CH



B5(1.4M) 64QAM 1@0 20525 CH



B5(1.4M) 64QAM 1@0 20643 CH



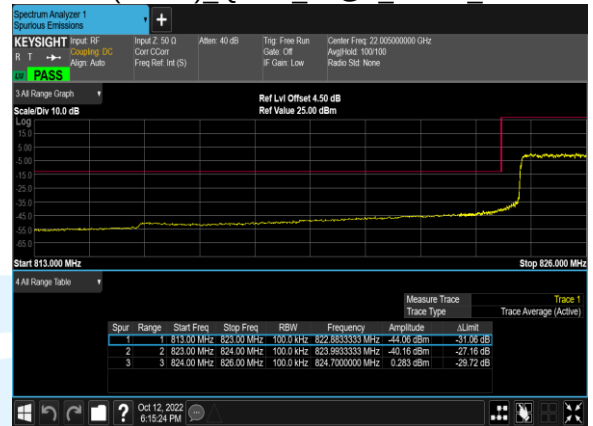
Conducted Band Edge

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
5	10.0	20450	829.0	QPSK	1@0	see graph	PASS
5	10.0	20450	829.0	QPSK	50@0	see graph	PASS
5	10.0	20450	829.0	16QAM	1@0	see graph	PASS
5	10.0	20450	829.0	16QAM	50@0	see graph	PASS
5	10.0	20450	829.0	64QAM	1@0	see graph	PASS
5	10.0	20450	829.0	64QAM	50@0	see graph	PASS
5	10.0	20600	844.0	QPSK	1@49	see graph	PASS
5	10.0	20600	844.0	QPSK	50@0	see graph	PASS
5	10.0	20600	844.0	16QAM	1@49	see graph	PASS
5	10.0	20600	844.0	16QAM	50@0	see graph	PASS
5	10.0	20600	844.0	64QAM	1@49	see graph	PASS
5	10.0	20600	844.0	64QAM	50@0	see graph	PASS
5	5.0	20425	826.5	QPSK	1@0	see graph	PASS
5	5.0	20425	826.5	QPSK	25@0	see graph	PASS
5	5.0	20425	826.5	16QAM	1@0	see graph	PASS
5	5.0	20425	826.5	16QAM	25@0	see graph	PASS
5	5.0	20425	826.5	64QAM	1@0	see graph	PASS
5	5.0	20425	826.5	64QAM	25@0	see graph	PASS
5	5.0	20625	846.5	QPSK	1@24	see graph	PASS
5	5.0	20625	846.5	QPSK	25@0	see graph	PASS
5	5.0	20625	846.5	16QAM	1@24	see graph	PASS
5	5.0	20625	846.5	16QAM	25@0	see graph	PASS
5	5.0	20625	846.5	64QAM	1@24	see graph	PASS
5	5.0	20625	846.5	64QAM	25@0	see graph	PASS
5	3.0	20415	825.5	QPSK	1@0	see graph	PASS
5	3.0	20415	825.5	QPSK	15@0	see graph	PASS
5	3.0	20415	825.5	16QAM	1@0	see graph	PASS
5	3.0	20415	825.5	16QAM	15@0	see graph	PASS
5	3.0	20415	825.5	64QAM	1@0	see graph	PASS
5	3.0	20415	825.5	64QAM	15@0	see graph	PASS
5	3.0	20635	847.5	QPSK	1@14	see graph	PASS
5	3.0	20635	847.5	QPSK	15@0	see graph	PASS
5	3.0	20635	847.5	16QAM	1@14	see graph	PASS
5	3.0	20635	847.5	16QAM	15@0	see graph	PASS
5	3.0	20635	847.5	64QAM	1@14	see graph	PASS
5	3.0	20635	847.5	64QAM	15@0	see graph	PASS
5	1.4	20407	824.7	QPSK	1@0	see graph	PASS
5	1.4	20407	824.7	QPSK	6@0	see graph	PASS
5	1.4	20407	824.7	16QAM	1@0	see graph	PASS
5	1.4	20407	824.7	16QAM	6@0	see graph	PASS
5	1.4	20407	824.7	64QAM	1@0	see graph	PASS
5	1.4	20407	824.7	64QAM	6@0	see graph	PASS
5	1.4	20643	848.3	QPSK	1@5	see graph	PASS
5	1.4	20643	848.3	QPSK	6@0	see graph	PASS
5	1.4	20643	848.3	16QAM	1@5	see graph	PASS
5	1.4	20643	848.3	16QAM	6@0	see graph	PASS
5	1.4	20643	848.3	64QAM	1@5	see graph	PASS
5	1.4	20643	848.3	64QAM	6@0	see graph	PASS

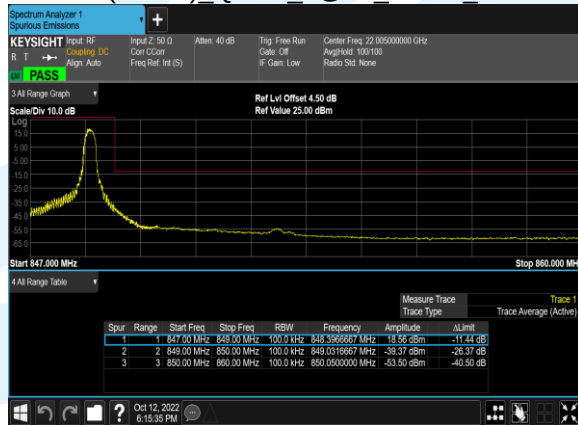
B5(10.0M) QPSK 1@0 20450 CH



B5(10.0M) QPSK 50@0 20450 CH



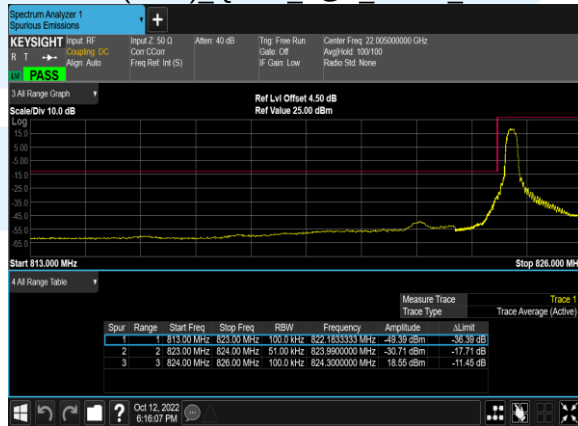
B5(10.0M) QPSK 1@49 20600 CH



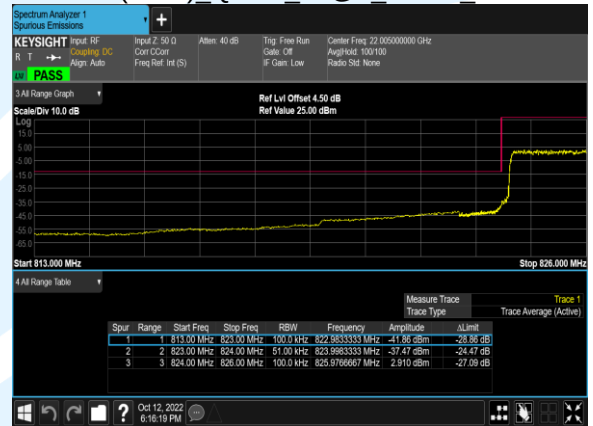
B5(10.0M) QPSK 50@0 20600 CH



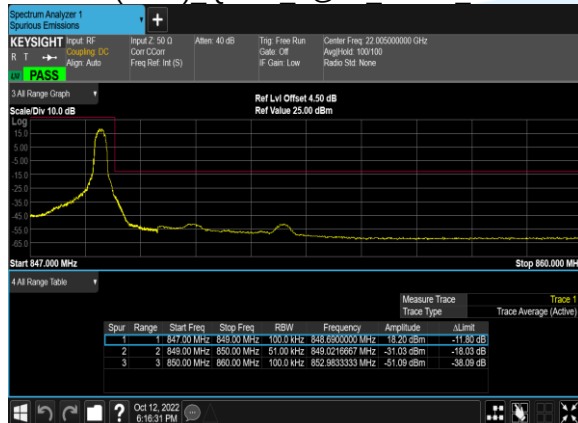
B5(5.0M) QPSK 1@0 20425 CH



B5(5.0M) QPSK 25@0 20425 CH



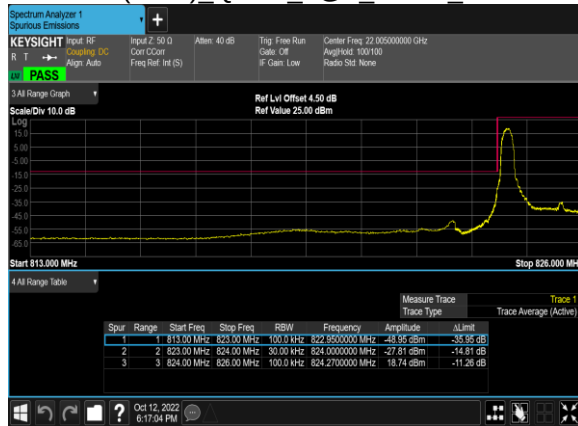
B5(5.0M) QPSK 1@24 20625 CH



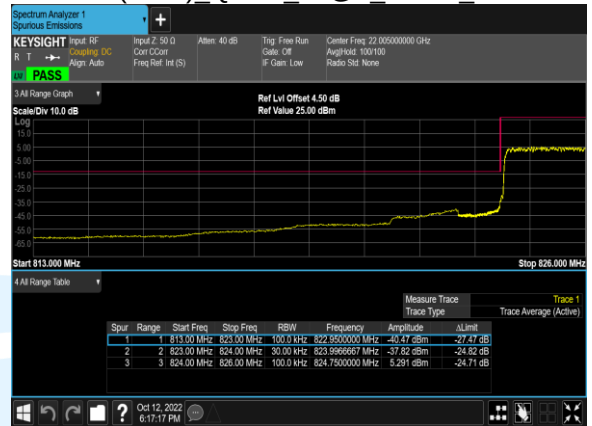
B5(5.0M) QPSK 25@0 20625 CH



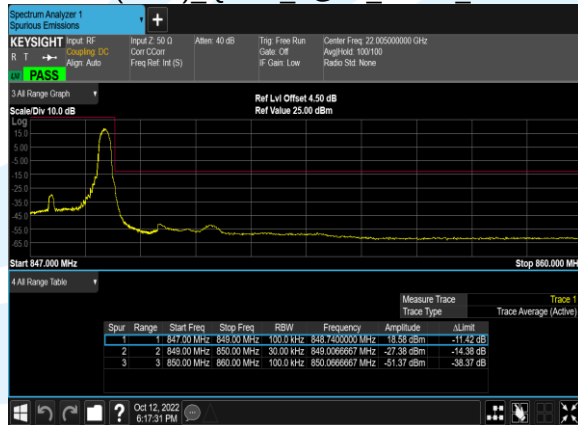
B5(3.0M) QPSK 1@0 20415 CH



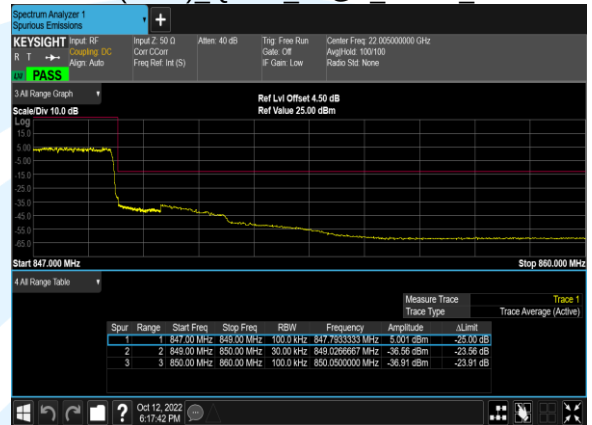
B5(3.0M) QPSK 15@0 20415 CH



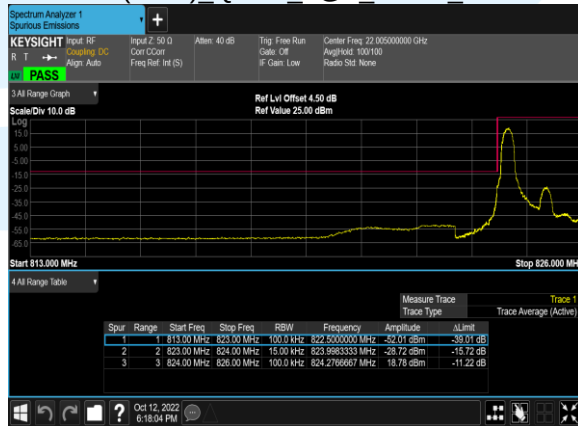
B5(3.0M) QPSK 1@14 20635 CH



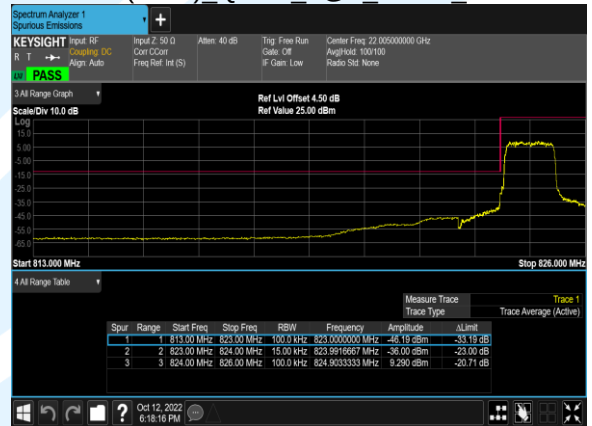
B5(3.0M) QPSK 15@0 20635 CH



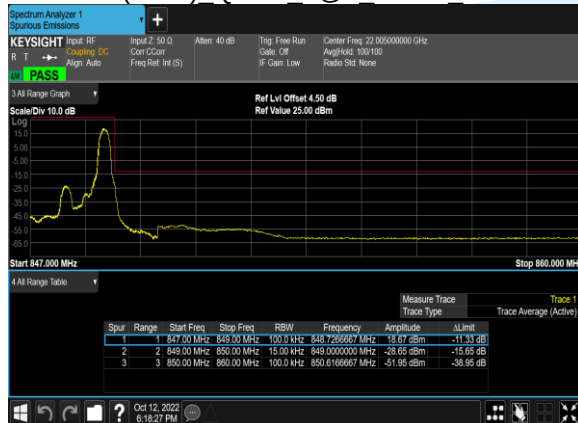
B5(1.4M) QPSK 1@0 20407 CH



B5(1.4M) QPSK 6@0 20407 CH



B5(1.4M) QPSK 1@5 20643 CH



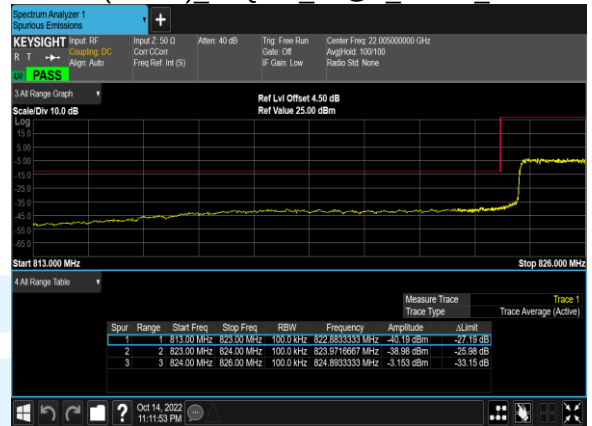
B5(1.4M) QPSK 6@0 20643 CH



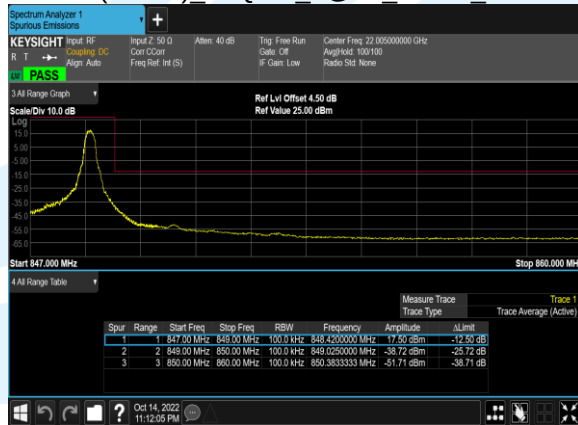
B5(10.0M) 16QAM 1@0 20450 CH



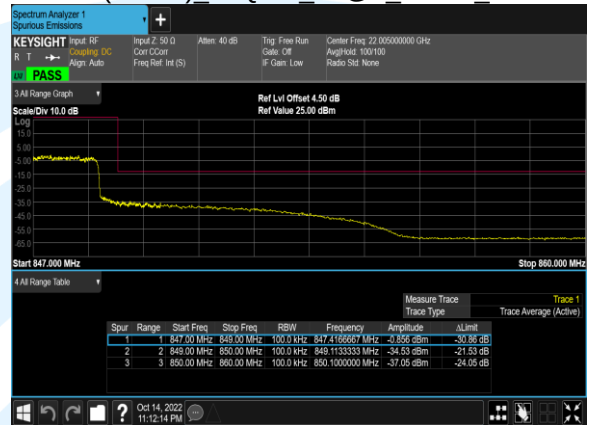
B5(10.0M) 16QAM 50@0 20450 CH



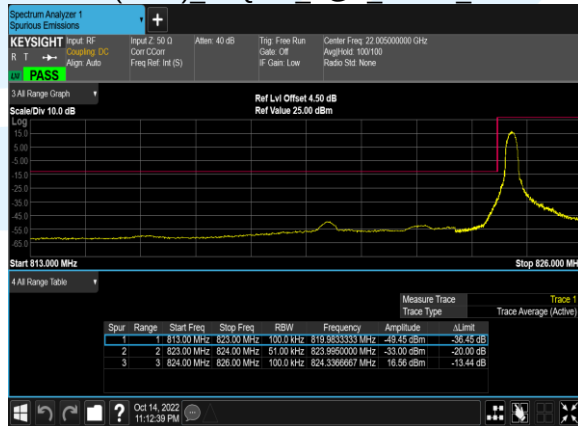
B5(10.0M) 16QAM 1@49 20600 CH



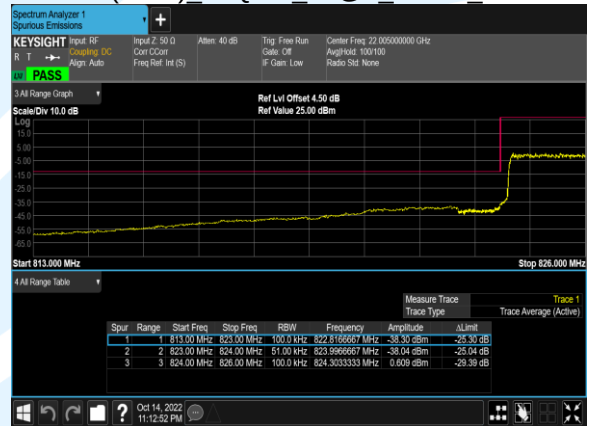
B5(10.0M) 16QAM 50@0 20600 CH



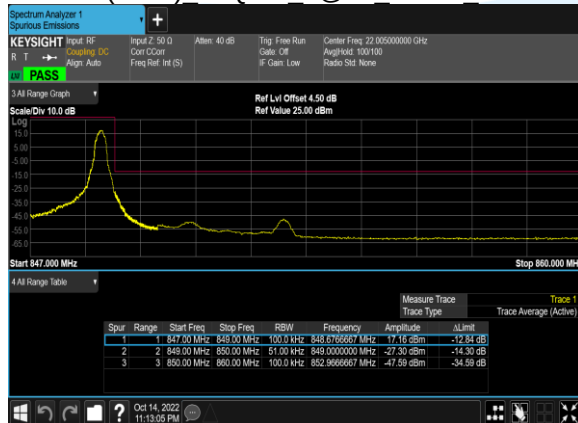
B5(5.0M) 16QAM 1@0 20425 CH



B5(5.0M) 16QAM 25@0 20425 CH



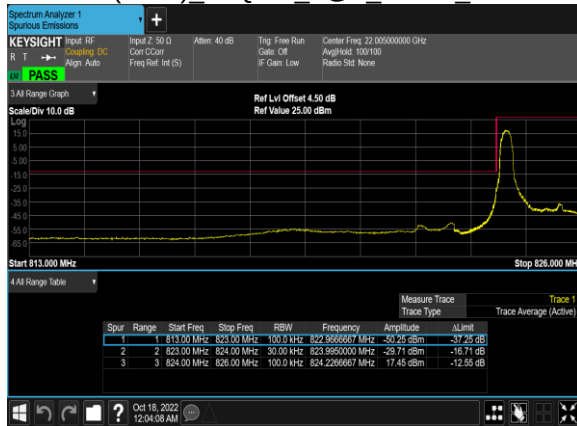
B5(5.0M) 16QAM 1@24 20625 CH



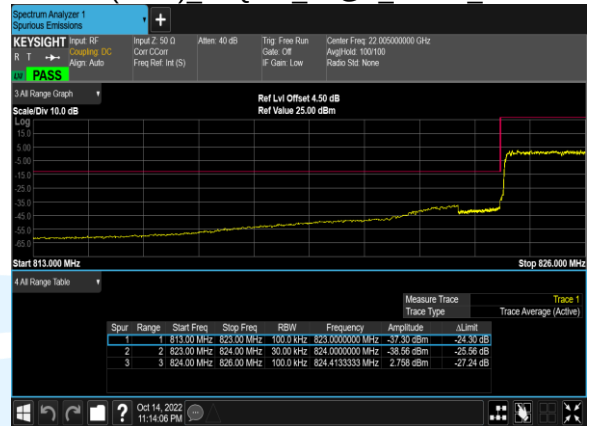
B5(5.0M) 16QAM 25@0 20625 CH



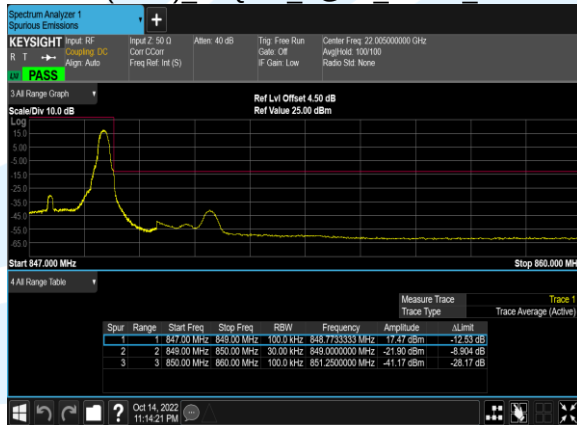
B5(3.0M) 16QAM 1@0 20415 CH



B5(3.0M) 16QAM 15@0 20415 CH



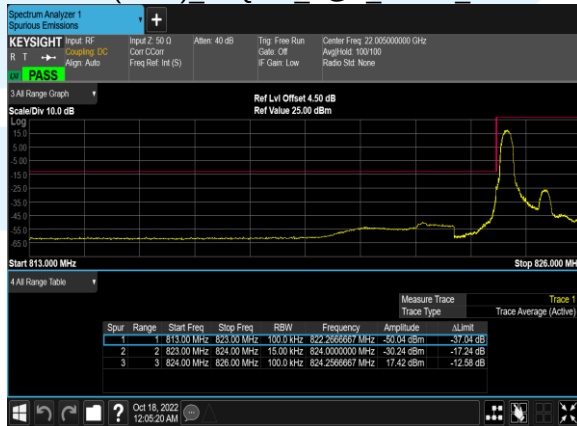
B5(3.0M) 16QAM 1@14 20635 CH



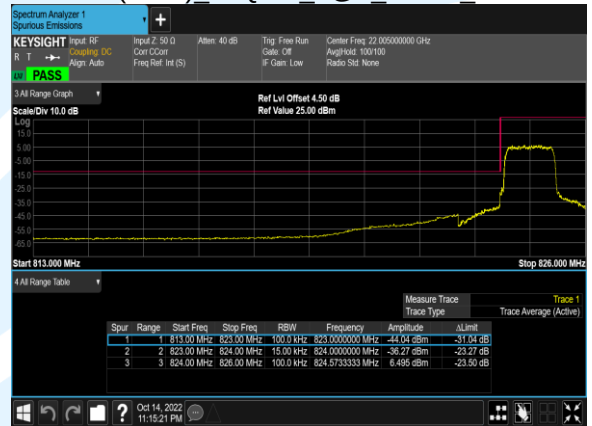
B5(3.0M) 16QAM 15@0 20635 CH



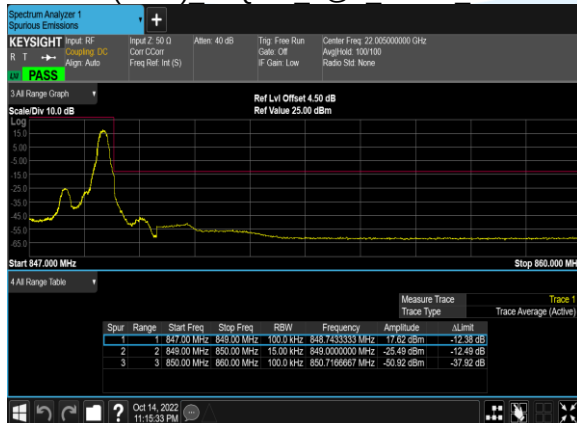
B5(1.4M) 16QAM 1@0 20407 CH



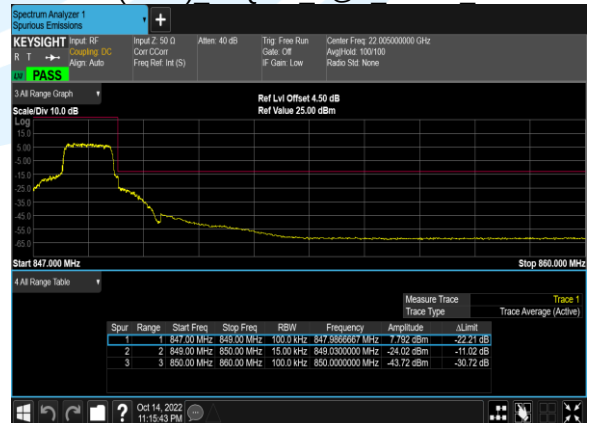
B5(1.4M) 16QAM 6@0 20407 CH



B5(1.4M) 16QAM 1@5 20643 CH



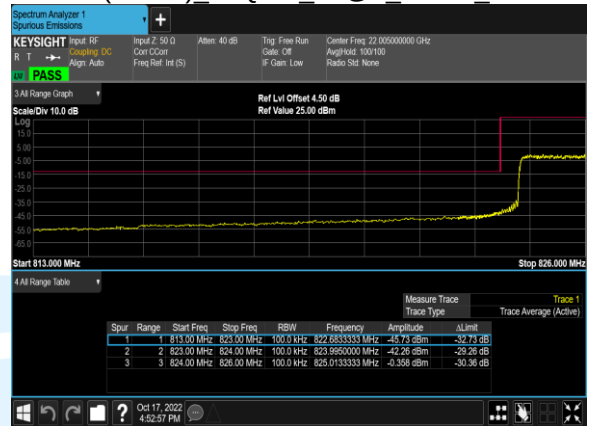
B5(1.4M) 16QAM 6@0 20643 CH



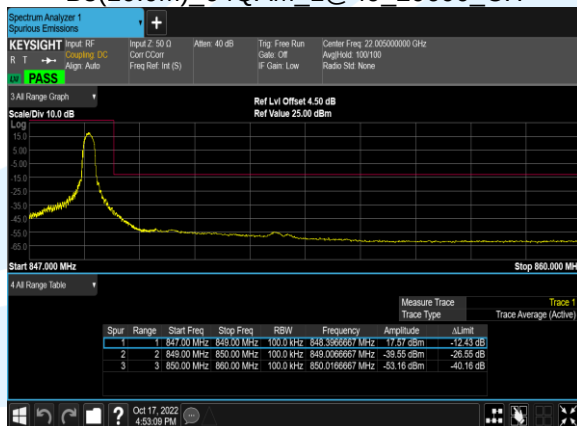
B5(10.0M) 64QAM 1@0 20450 CH



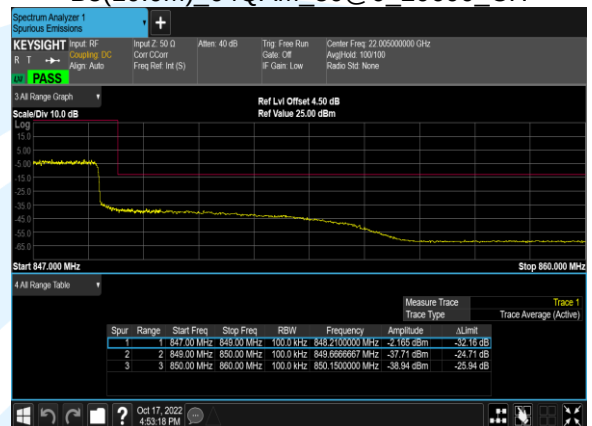
B5(10.0M) 64QAM 50@0 20450 CH



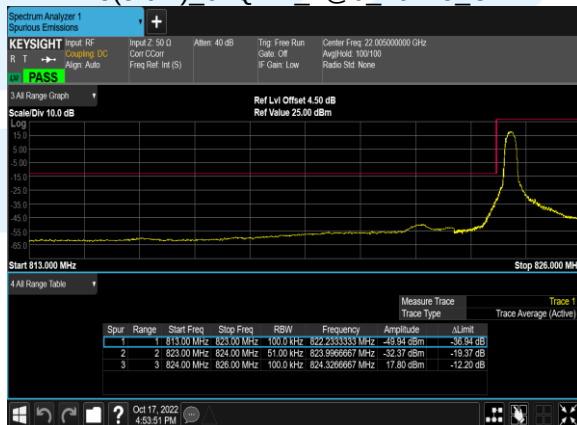
B5(10.0M) 64QAM 1@49 20600 CH



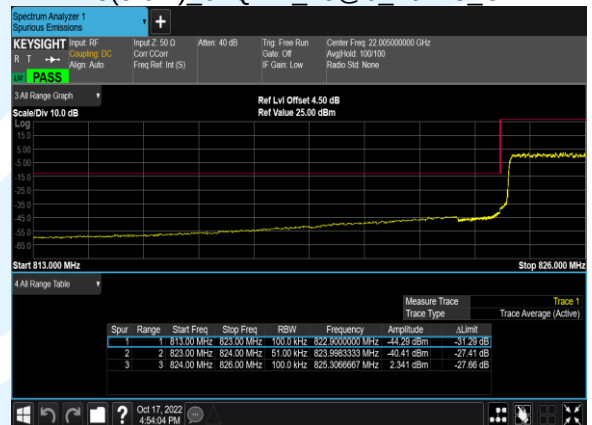
B5(10.0M) 64QAM 50@0 20600 CH



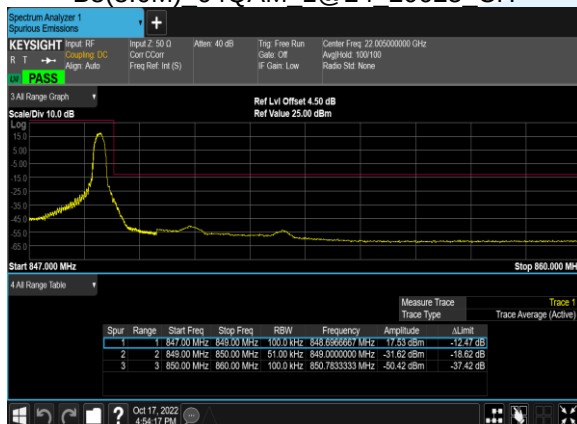
B5(5.0M) 64QAM 1@0 20425 CH



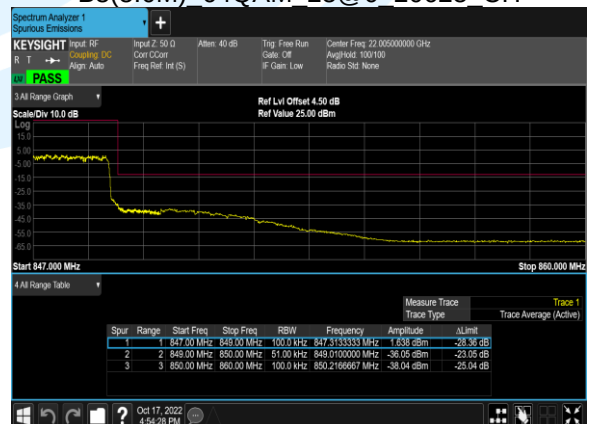
B5(5.0M) 64QAM 25@0 20425 CH



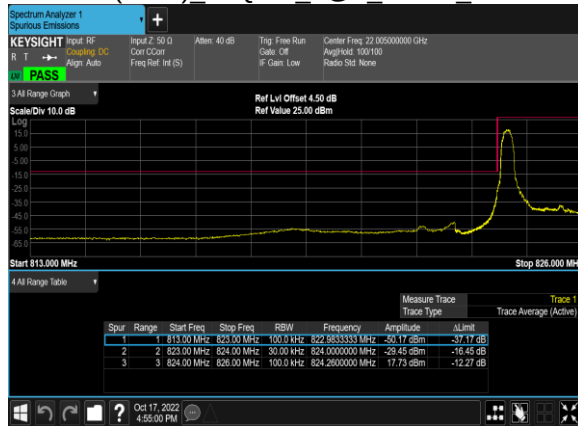
B5(5.0M) 64QAM 1@24 20625 CH



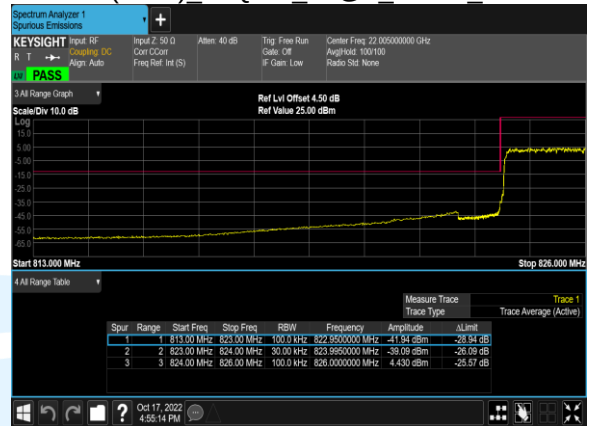
B5(5.0M) 64QAM 25@0 20625 CH



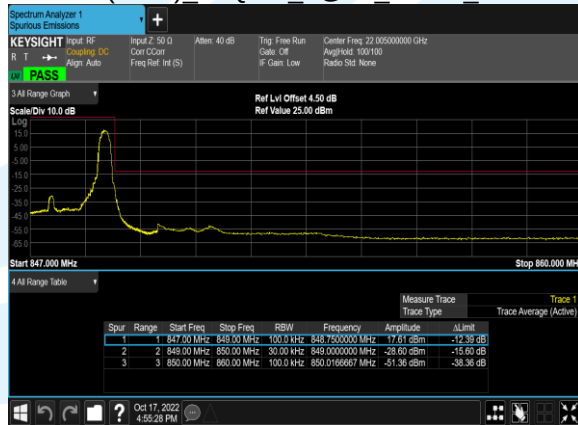
B5(3.0M) 64QAM 1@0 20415 CH



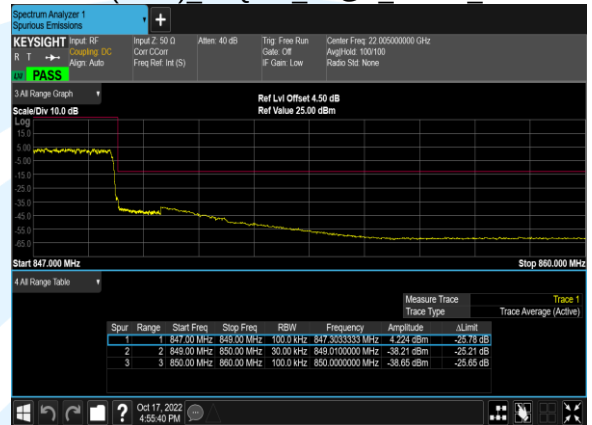
B5(3.0M) 64QAM 15@0 20415 CH



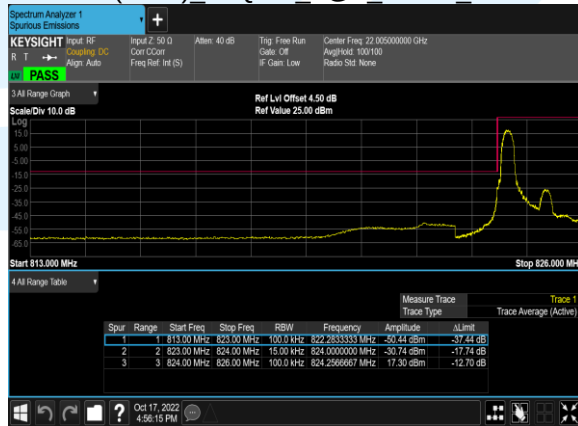
B5(3.0M) 64QAM 1@14 20635 CH



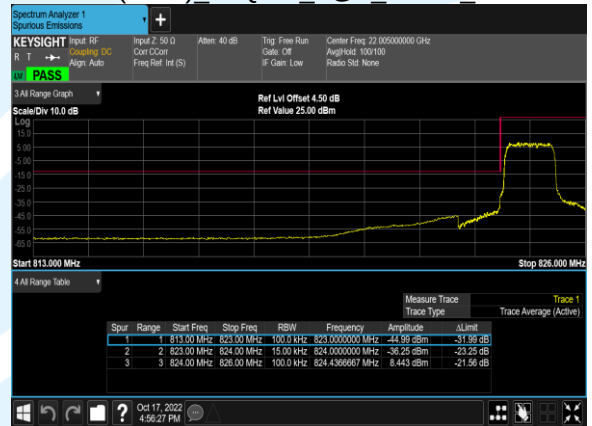
B5(3.0M) 64QAM 15@0 20635 CH



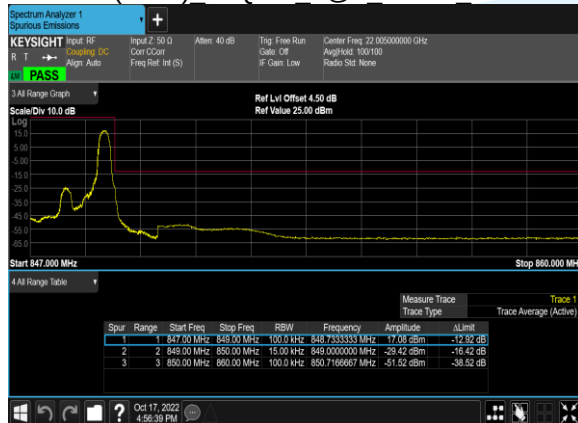
B5(1.4M) 64QAM 1@0 20407 CH



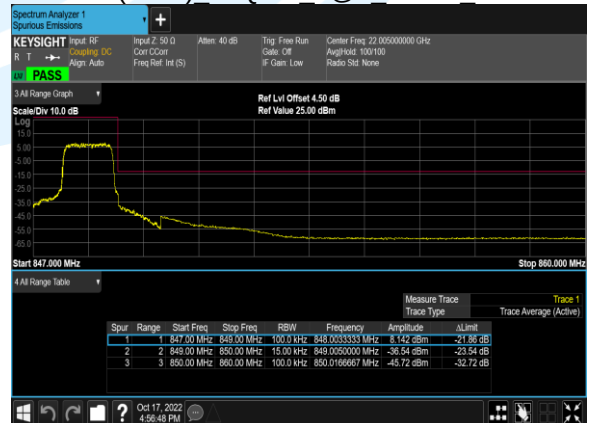
B5(1.4M) 64QAM 6@0 20407 CH



B5(1.4M) 64QAM 1@5 20643 CH



B5(1.4M) 64QAM 6@0 20643 CH



A.4 LTE BAND 7

Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	20.0	20850	2510.0	QPSK	100@0	5.00	13	PASS
7	20.0	20850	2510.0	16QAM	100@0	5.75	13	PASS
7	20.0	20850	2510.0	64QAM	100@0	5.78	13	PASS
7	20.0	21100	2535.0	QPSK	100@0	5.17	13	PASS
7	20.0	21100	2535.0	16QAM	100@0	5.90	13	PASS
7	20.0	21100	2535.0	64QAM	100@0	5.88	13	PASS
7	20.0	21350	2560.0	QPSK	100@0	5.26	13	PASS
7	20.0	21350	2560.0	16QAM	100@0	6.06	13	PASS
7	20.0	21350	2560.0	64QAM	100@0	6.01	13	PASS

B7(20.0M) QPSK 100@0 20850_CH



B7(20.0M) 16QAM 100@0 20850_CH



B7(20.0M) QPSK 100@0 21100_CH



B7(20.0M) 16QAM 100@0 21100_CH



B7(20.0M) QPSK 100@0 21350_CH



B7(20.0M) 16QAM 100@0 21350_CH



B7(20.0M) 64QAM 100@0 20850 CH



B7(20.0M) 64QAM 100@0 21100 CH



B7(20.0M) 64QAM 100@0 21350 CH



Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	20.0	20850	2510.0	QPSK	100@0	17.800	18.84
7	20.0	20850	2510.0	16QAM	100@0	17.808	18.75
7	20.0	20850	2510.0	64QAM	100@0	17.818	18.82
7	20.0	21100	2535.0	QPSK	100@0	17.893	18.92
7	20.0	21100	2535.0	16QAM	100@0	17.845	18.87
7	20.0	21100	2535.0	64QAM	100@0	17.873	18.86
7	20.0	21350	2560.0	QPSK	100@0	17.873	18.90
7	20.0	21350	2560.0	16QAM	100@0	17.870	18.89
7	20.0	21350	2560.0	64QAM	100@0	17.874	18.80
7	15.0	20825	2507.5	QPSK	75@0	13.401	14.24
7	15.0	20825	2507.5	16QAM	75@0	13.369	14.16
7	15.0	20825	2507.5	64QAM	75@0	13.384	14.30
7	15.0	21100	2535.0	QPSK	75@0	13.419	14.32
7	15.0	21100	2535.0	16QAM	75@0	13.394	14.19
7	15.0	21100	2535.0	64QAM	75@0	13.401	14.34
7	15.0	21375	2562.5	QPSK	75@0	13.400	14.24
7	15.0	21375	2562.5	16QAM	75@0	13.403	14.28
7	15.0	21375	2562.5	64QAM	75@0	13.405	14.23
7	10.0	20800	2505.0	QPSK	50@0	8.9434	9.520
7	10.0	20800	2505.0	16QAM	50@0	8.9222	9.482
7	10.0	20800	2505.0	64QAM	50@0	8.9301	9.486
7	10.0	21100	2535.0	QPSK	50@0	8.9395	9.578
7	10.0	21100	2535.0	16QAM	50@0	8.9284	9.383
7	10.0	21100	2535.0	64QAM	50@0	8.9448	9.517
7	10.0	21400	2565.0	QPSK	50@0	8.9464	9.554
7	10.0	21400	2565.0	16QAM	50@0	8.9396	9.532
7	10.0	21400	2565.0	64QAM	50@0	8.9423	9.536
7	5.0	20775	2502.5	QPSK	25@0	4.4624	4.826
7	5.0	20775	2502.5	16QAM	25@0	4.4613	4.847
7	5.0	20775	2502.5	64QAM	25@0	4.4646	4.841
7	5.0	21100	2535.0	QPSK	25@0	4.4645	4.838
7	5.0	21100	2535.0	16QAM	25@0	4.4646	4.807
7	5.0	21100	2535.0	64QAM	25@0	4.4679	4.821
7	5.0	21425	2567.5	QPSK	25@0	4.4750	4.847
7	5.0	21425	2567.5	16QAM	25@0	4.4600	4.845
7	5.0	21425	2567.5	64QAM	25@0	4.4641	4.825

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