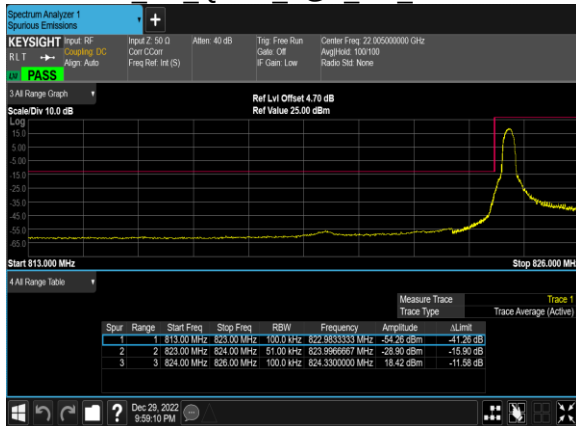
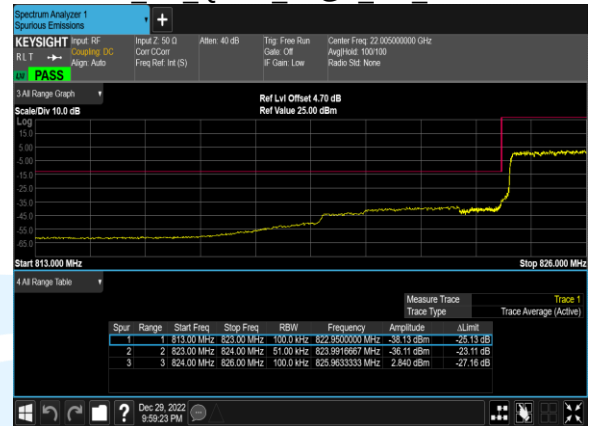


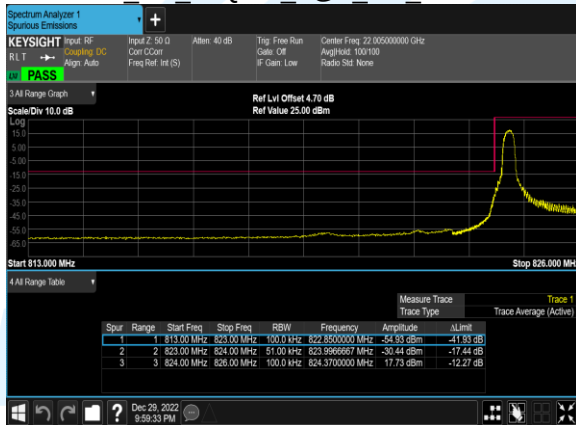
B5 5M QPSK 1@0 CH 20425



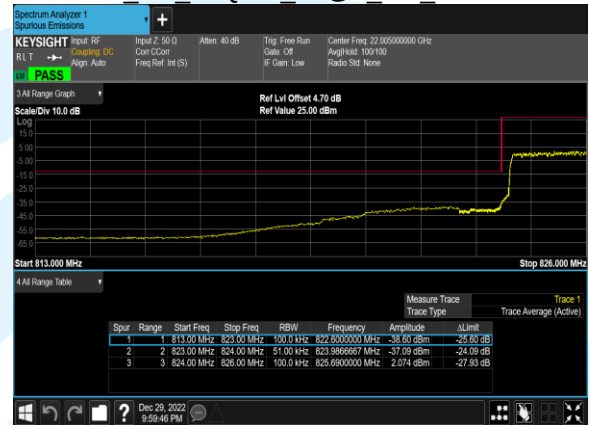
B5 5M QPSK 25@0 CH 20425



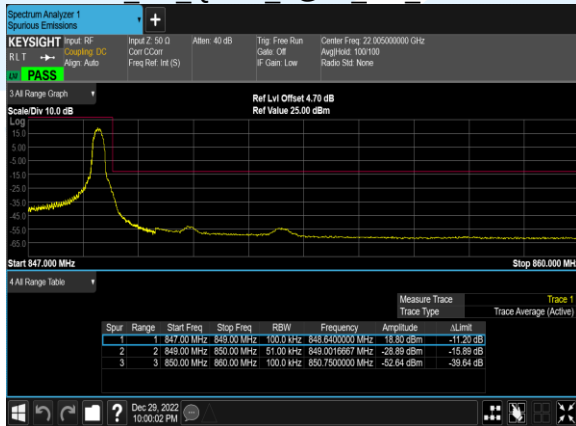
B5 5M 16QAM 1@0 CH 20425



B5 5M 16QAM 25@0 CH 20425



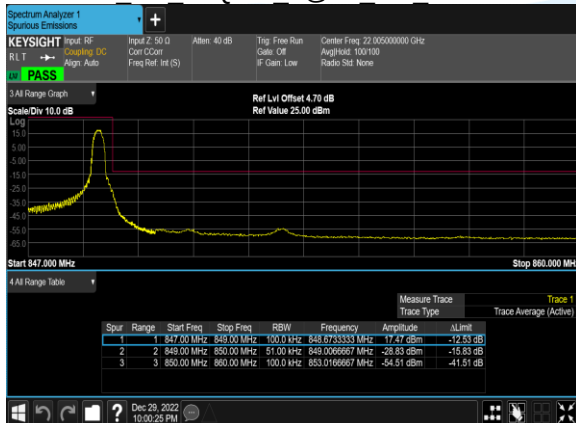
B5 5M QPSK 1@24 CH 20625



B5 5M QPSK 25@0 CH 20625



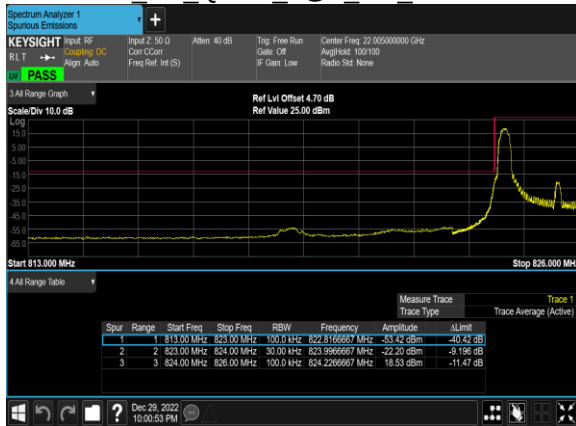
B5 5M 16QAM 1@24 CH 20625



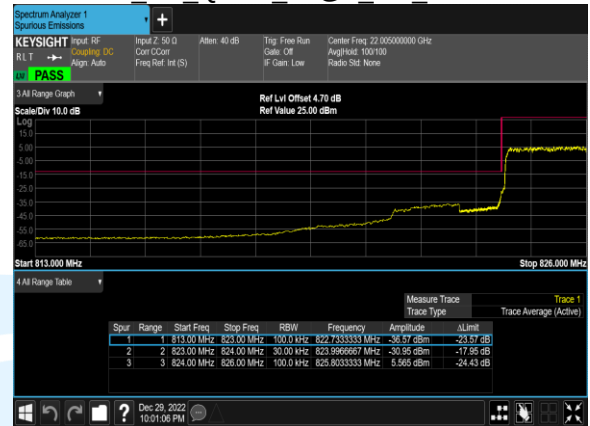
B5 5M 16QAM 25@0 CH 20625



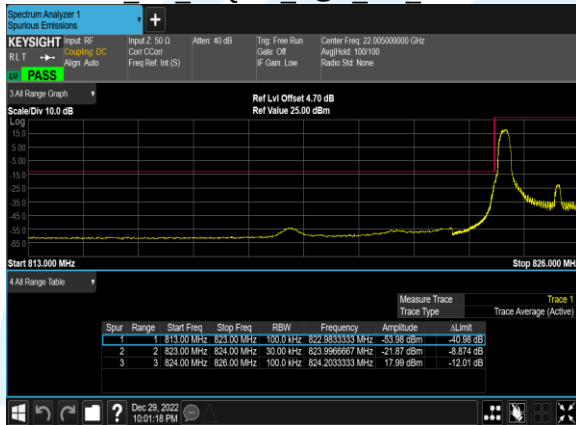
B5 3M QPSK 1@0 CH 20415



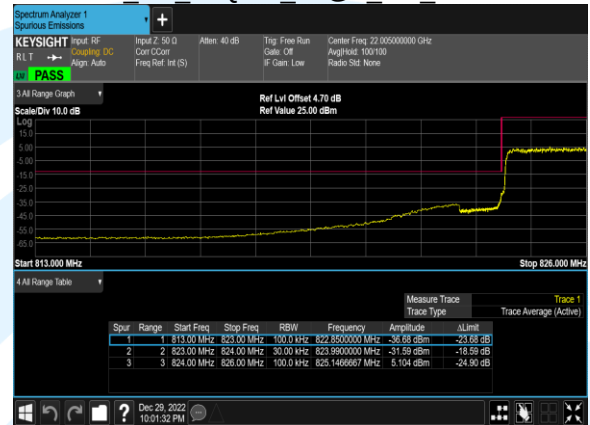
B5 3M QPSK 15@0 CH 20415



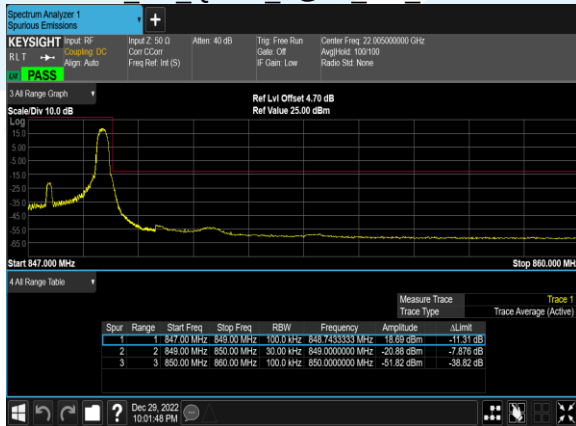
B5 3M 16QAM 1@0 CH 20415



B5 3M 16QAM 15@0 CH 20415



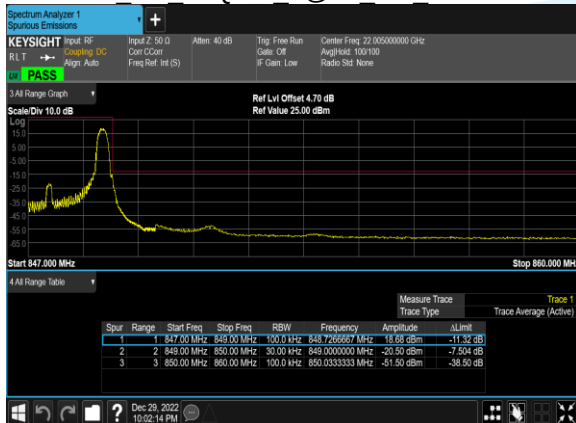
B5 3M QPSK 1@14 CH 20635



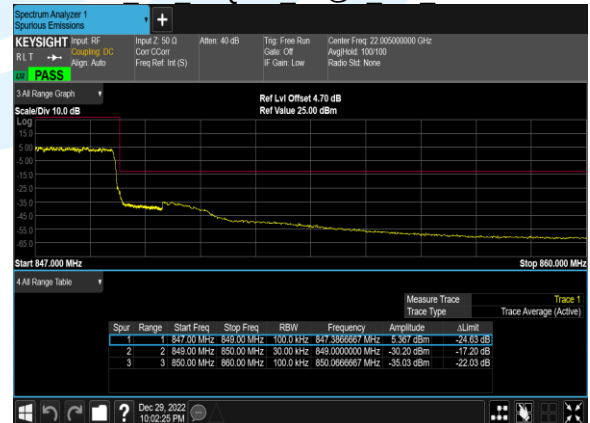
B5 3M QPSK 15@0 CH 20635



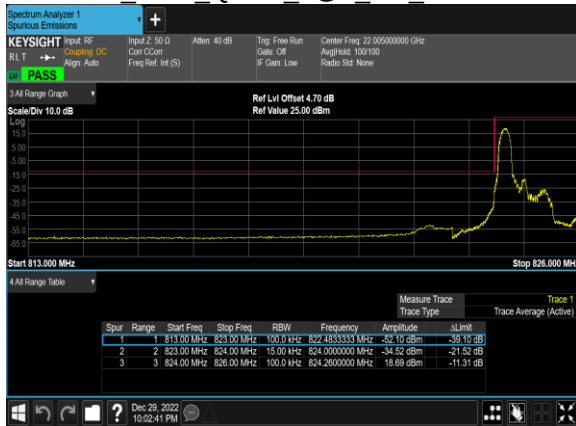
B5 3M 16QAM 1@14 CH 20635



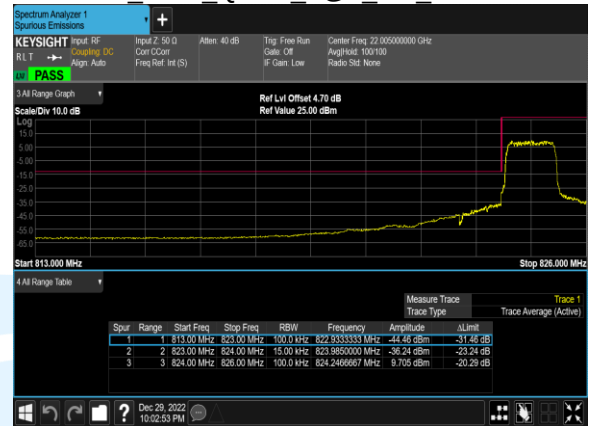
B5 3M 16QAM 15@0 CH 20635



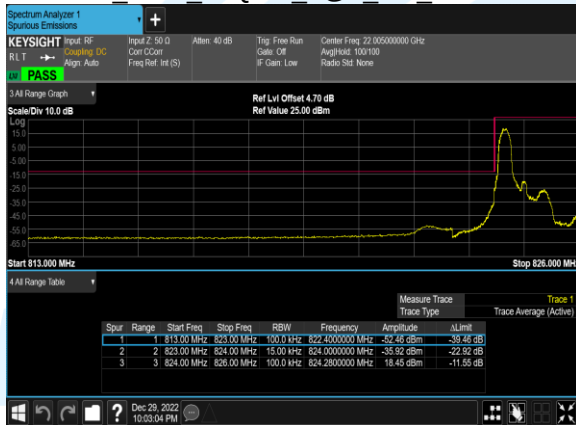
B5 1.4M QPSK 1@0 CH 20407



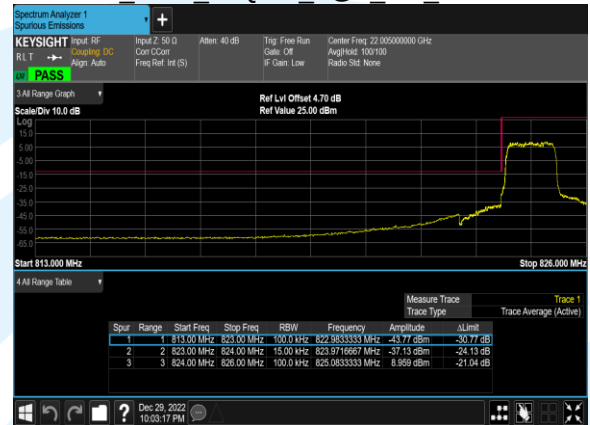
B5 1.4M QPSK 6@0 CH 20407



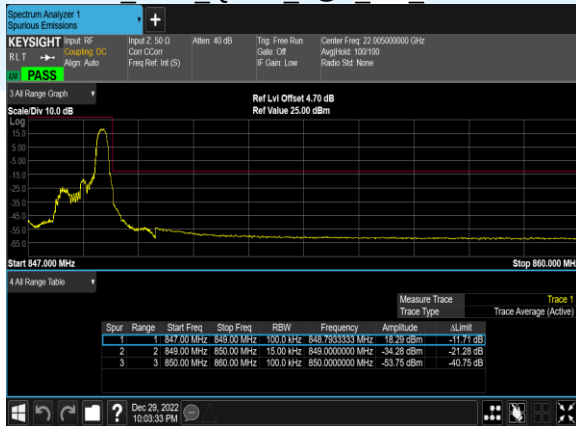
B5 1.4M 16QAM 1@0 CH 20407



B5 1.4M 16QAM 6@0 CH 20407



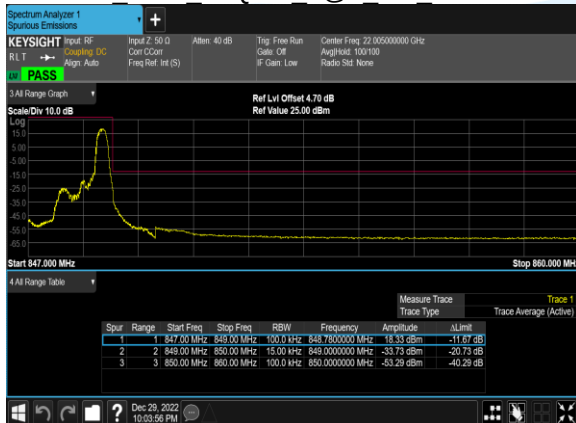
B5 1.4M QPSK 1@5 CH 20643



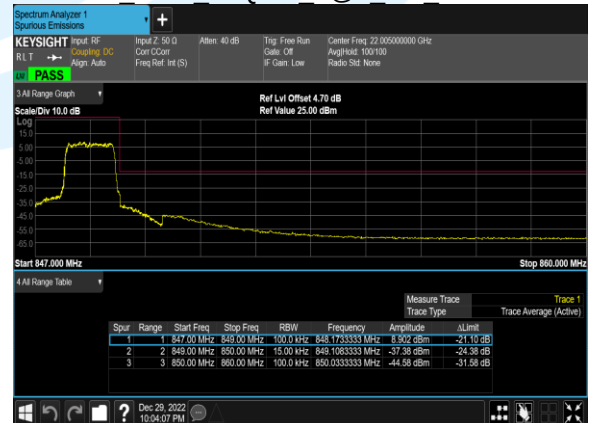
B5 1.4M QPSK 6@0 CH 20643



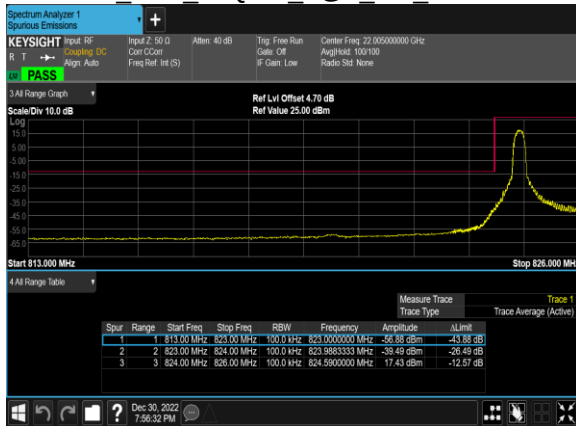
B5 1.4M 16QAM 1@5 CH 20643



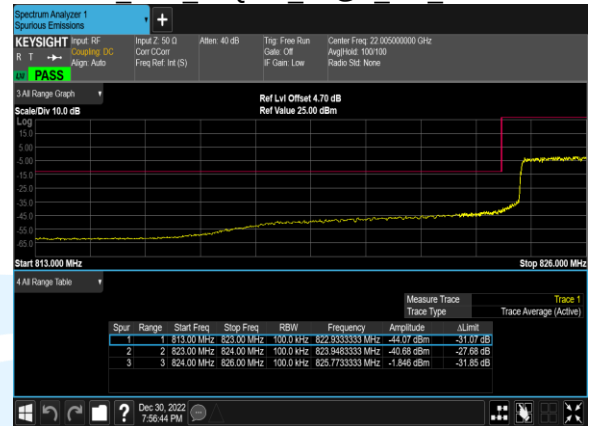
B5 1.4M 16QAM 6@0 CH 20643



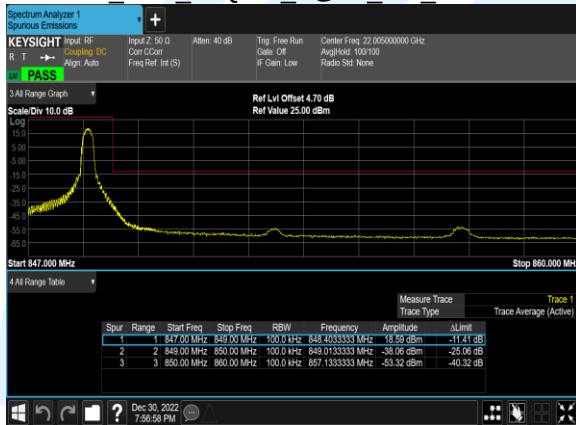
B5 10M 64QAM 1@0 CH 20450



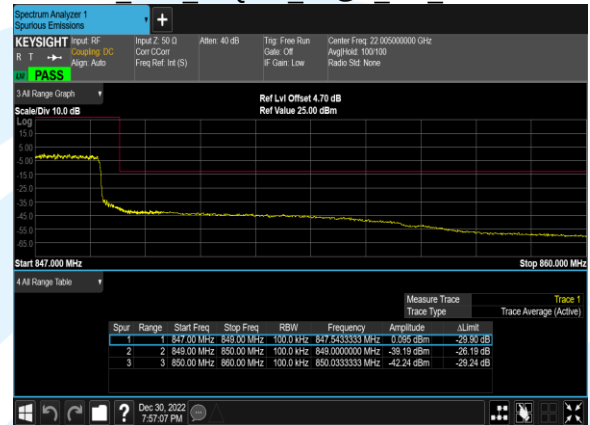
B5 10M 64QAM 50@0 CH 20450



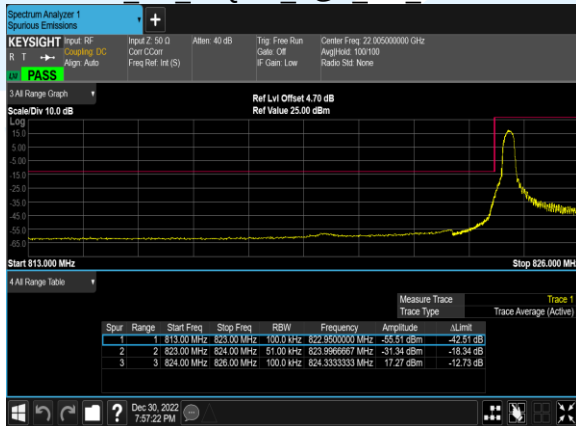
B5 10M 64QAM 1@49 CH 20600



B5 10M 64QAM 50@0 CH 20600



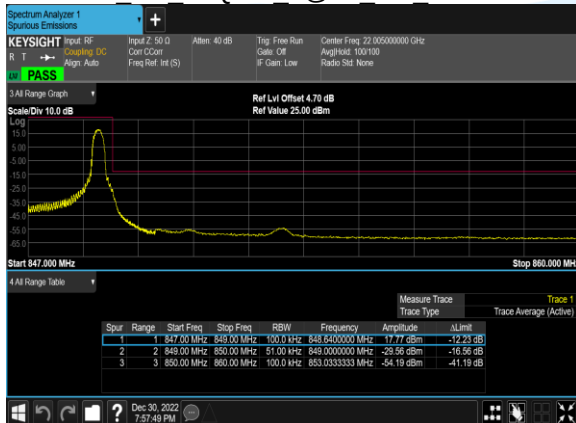
B5 5M 64QAM 1@0 CH 20425



B5 5M 64QAM 25@0 CH 20425



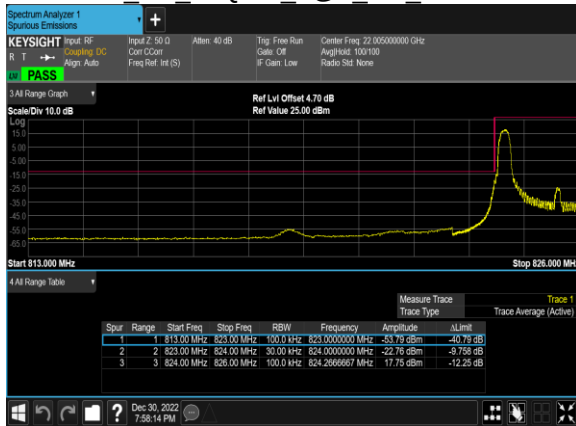
B5 5M 64QAM 1@24 CH 20625



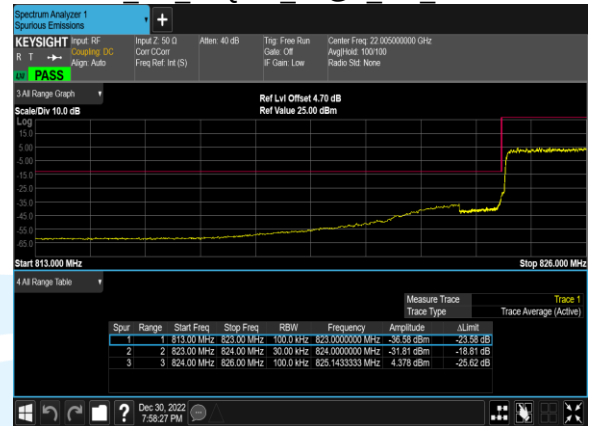
B5 5M 64QAM 25@0 CH 20625



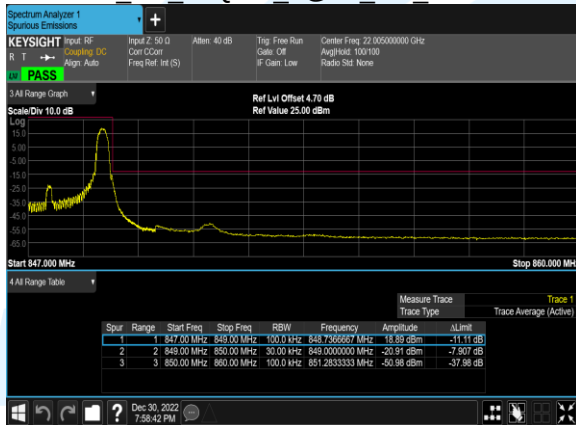
B5 3M 64QAM 1@0 CH 20415



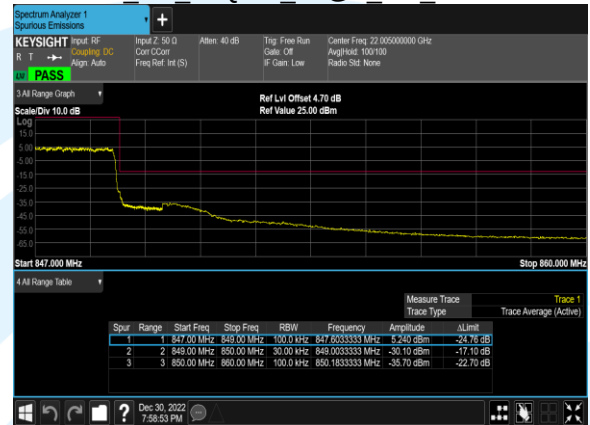
B5 3M 64QAM 15@0 CH 20415



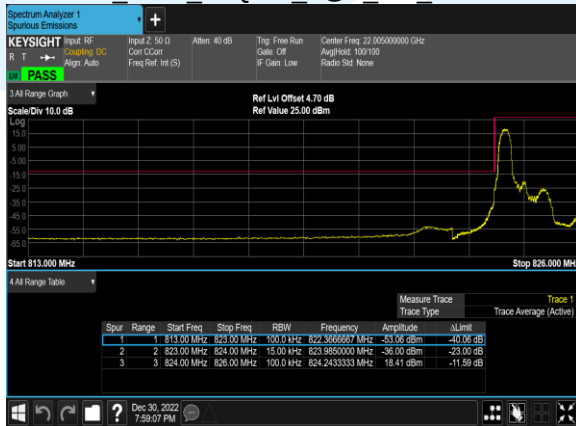
B5 3M 64QAM 1@14 CH 20635



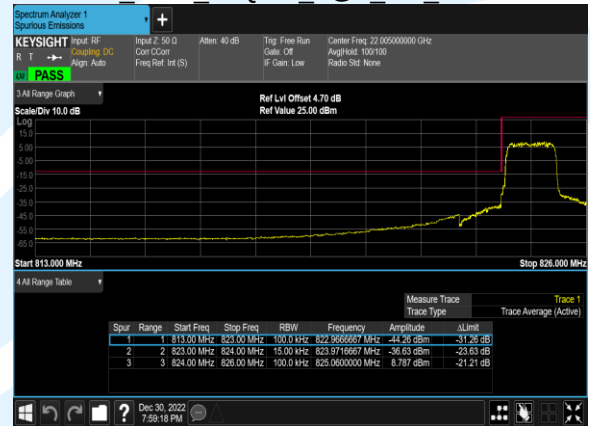
B5 3M 64QAM 15@0 CH 20635



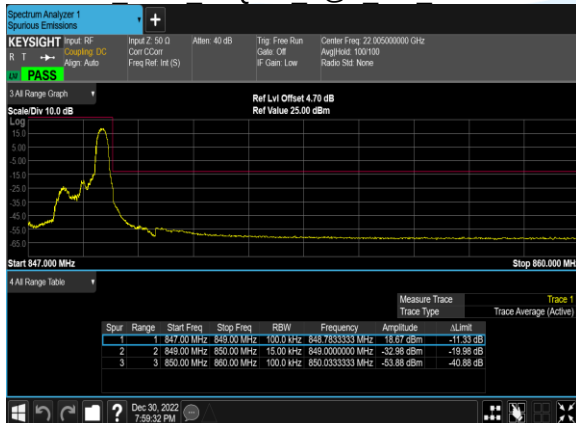
B5 1.4M 64QAM 1@0 CH 20407



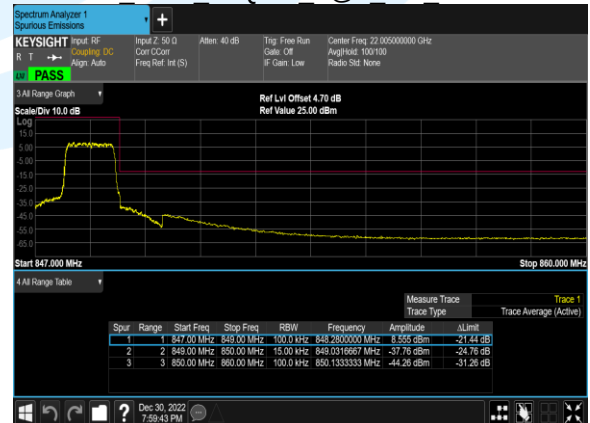
B5 1.4M 64QAM 6@0 CH 20407



B5 1.4M 64QAM 1@5 CH 20643



B5 1.4M 64QAM 6@0 CH 20643



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	5.34	13	PASS
7	20.0	20850	2510.0	16QAM	100@0	6.05	13	PASS
7	20.0	20850	2510.0	64QAM	100@0	5.93	13	PASS
7	20.0	21100	2535.0	QPSK	100@0	5.34	13	PASS
7	20.0	21100	2535.0	16QAM	100@0	6.05	13	PASS
7	20.0	21100	2535.0	64QAM	100@0	5.99	13	PASS
7	20.0	21350	2560.0	QPSK	100@0	5.18	13	PASS
7	20.0	21350	2560.0	16QAM	100@0	5.86	13	PASS
7	20.0	21350	2560.0	64QAM	100@0	5.84	13	PASS

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UTTR-RF-FCC4G-V1.1

B7 20M QPSK 100@0 CH 20850



B7 20M 16QAM 100@0 CH 20850



B7 20M QPSK 100@0 CH 21100



B7 20M 16QAM 100@0 CH 21100



B7 20M QPSK 100@0 CH 21350



B7 20M 16QAM 100@0 CH 21350



B7 20M 64QAM 100@0 CH 20850



B7 20M 64QAM 100@0 CH 21100



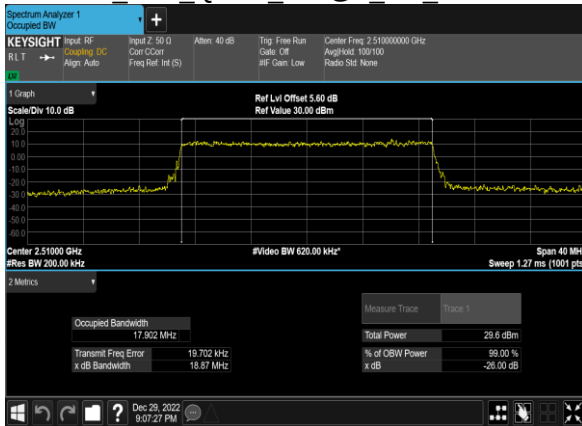
B7 20M 64QAM 100@0 CH 21350



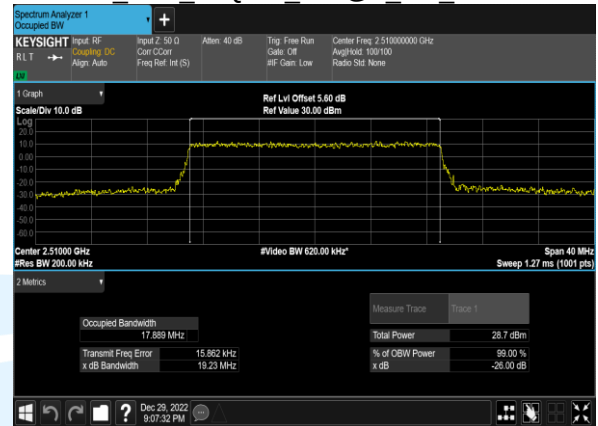
Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	20.0	20850	2510.0	QPSK	100@0	17.902	18.87
7	20.0	20850	2510.0	16QAM	100@0	17.889	19.23
7	20.0	20850	2510.0	64QAM	100@0	17.885	19.05
7	20.0	21100	2535.0	QPSK	100@0	17.885	19.00
7	20.0	21100	2535.0	16QAM	100@0	17.879	19.07
7	20.0	21100	2535.0	64QAM	100@0	17.894	18.93
7	20.0	21350	2560.0	QPSK	100@0	17.906	19.25
7	20.0	21350	2560.0	16QAM	100@0	17.792	19.20
7	20.0	21350	2560.0	64QAM	100@0	17.836	19.01
7	15.0	20825	2507.5	QPSK	75@0	13.426	14.47
7	15.0	20825	2507.5	16QAM	75@0	13.419	14.54
7	15.0	20825	2507.5	64QAM	75@0	13.407	14.28
7	15.0	21100	2535.0	QPSK	75@0	13.413	14.52
7	15.0	21100	2535.0	16QAM	75@0	13.403	14.58
7	15.0	21100	2535.0	64QAM	75@0	13.385	14.56
7	15.0	21375	2562.5	QPSK	75@0	13.364	14.41
7	15.0	21375	2562.5	16QAM	75@0	13.394	14.54
7	15.0	21375	2562.5	64QAM	75@0	13.397	14.36
7	10.0	20800	2505.0	QPSK	50@0	8.9421	9.651
7	10.0	20800	2505.0	16QAM	50@0	8.9539	9.582
7	10.0	20800	2505.0	64QAM	50@0	8.9473	9.616
7	10.0	21100	2535.0	QPSK	50@0	8.9193	9.659
7	10.0	21100	2535.0	16QAM	50@0	8.9403	9.656
7	10.0	21100	2535.0	64QAM	50@0	8.9397	9.628
7	10.0	21400	2565.0	QPSK	50@0	8.9219	9.707
7	10.0	21400	2565.0	16QAM	50@0	8.9600	9.659
7	10.0	21400	2565.0	64QAM	50@0	8.9419	9.686
7	5.0	20775	2502.5	QPSK	25@0	4.4600	4.876
7	5.0	20775	2502.5	16QAM	25@0	4.4573	4.900
7	5.0	20775	2502.5	64QAM	25@0	4.4568	4.844
7	5.0	21100	2535.0	QPSK	25@0	4.4625	4.919
7	5.0	21100	2535.0	16QAM	25@0	4.4595	4.917
7	5.0	21100	2535.0	64QAM	25@0	4.4608	4.843
7	5.0	21425	2567.5	QPSK	25@0	4.4517	4.888
7	5.0	21425	2567.5	16QAM	25@0	4.4673	4.906
7	5.0	21425	2567.5	64QAM	25@0	4.4563	4.855

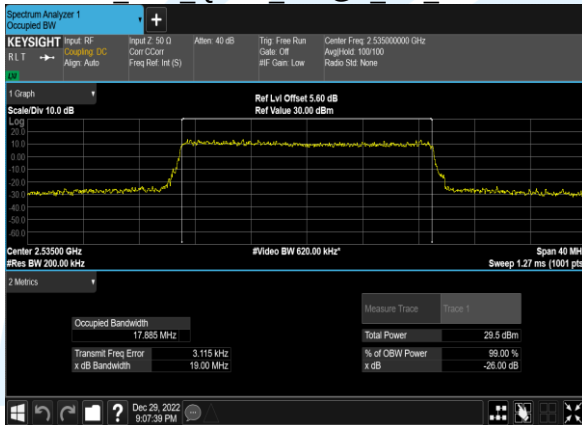
B7 20M QPSK 100@0 CH 20850



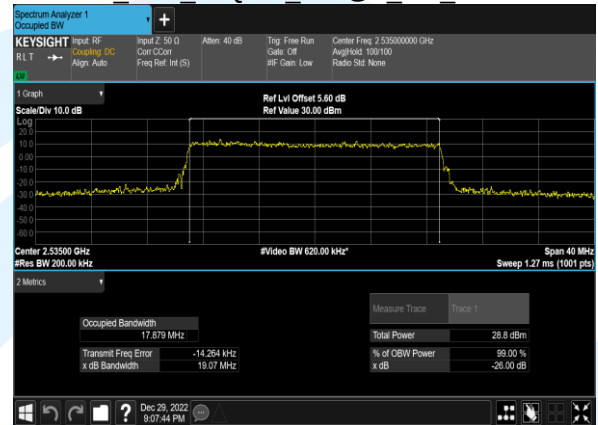
B7 20M 16QAM 100@0 CH 20850



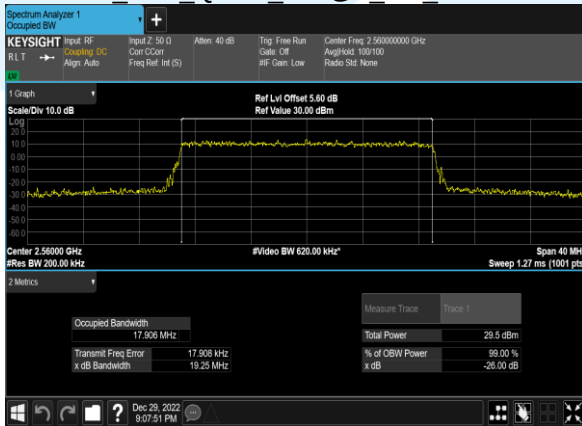
B7 20M QPSK 100@0 CH 21100



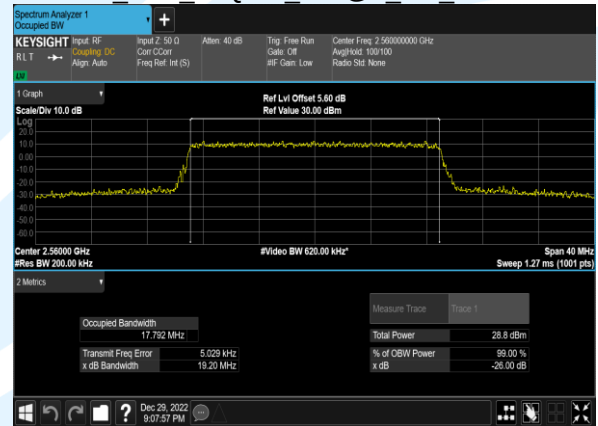
B7 20M 16QAM 100@0 CH 21100



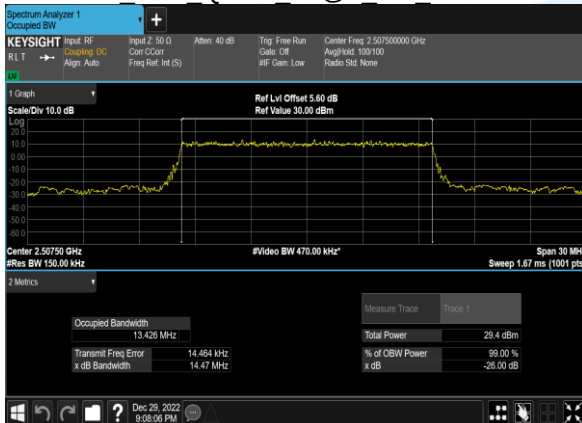
B7 20M QPSK 100@0 CH 21350



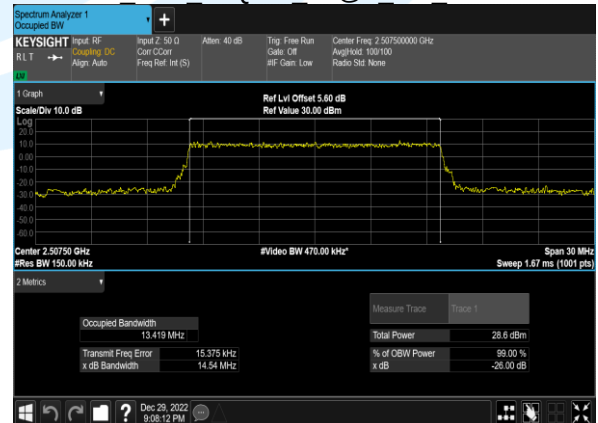
B7 20M 16QAM 100@0 CH 21350



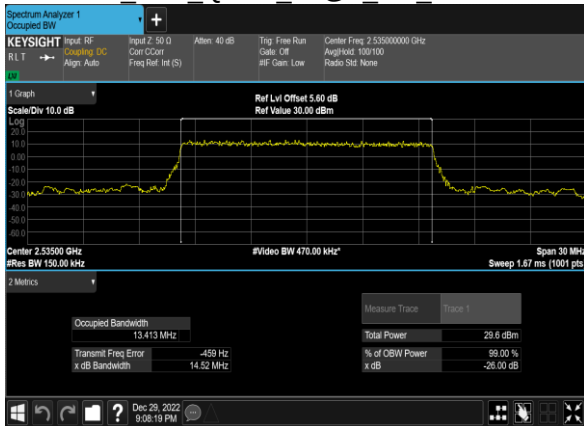
B7 15M QPSK 75@0 CH 20825



B7 15M 16QAM 75@0 CH 20825



B7 15M QPSK 75@0 CH 21100



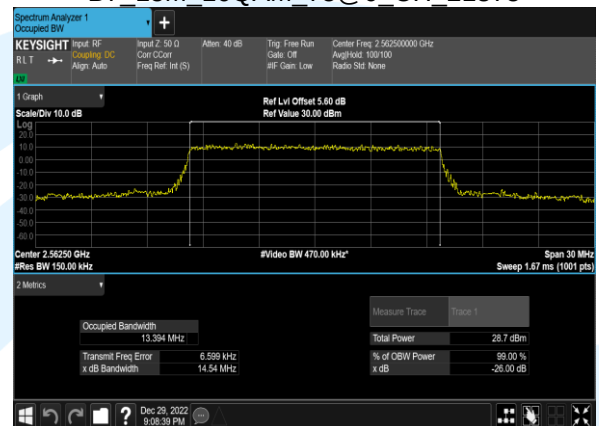
B7 15M 16QAM 75@0 CH 21100



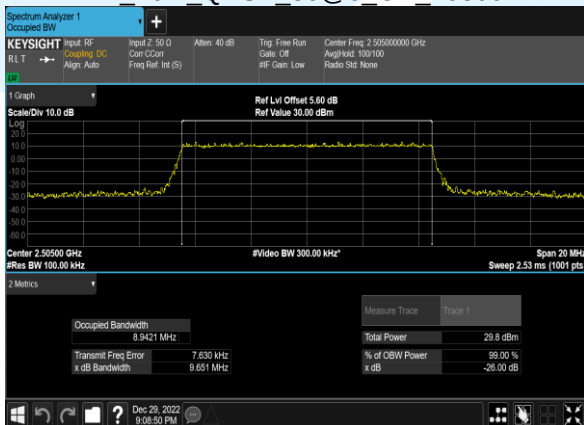
B7 15M QPSK 75@0 CH 21375



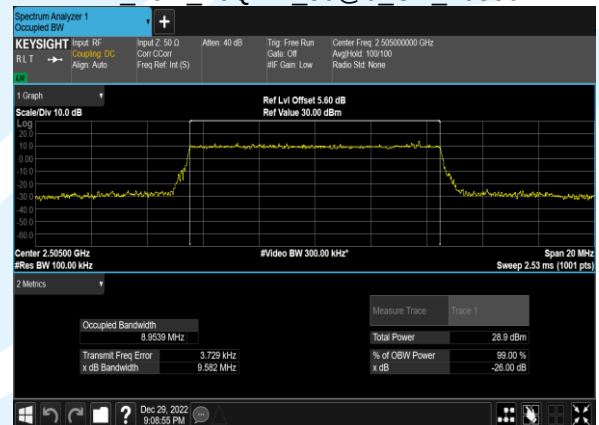
B7 15M 16QAM 75@0 CH 21375



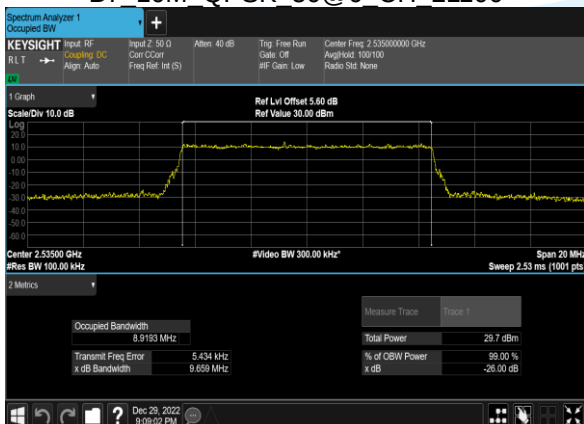
B7 10M QPSK 50@0 CH 20800



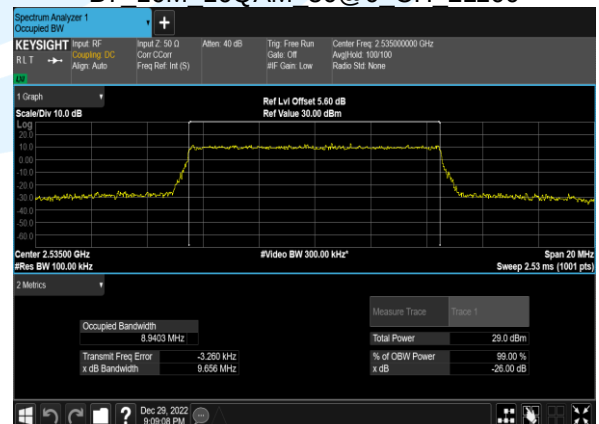
B7 10M 16QAM 50@0 CH 20800



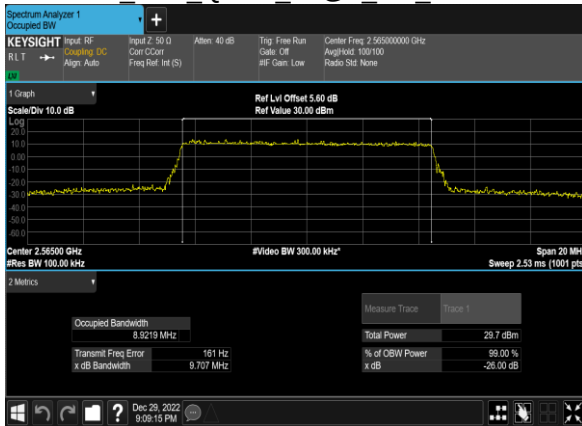
B7 10M QPSK 50@0 CH 21100



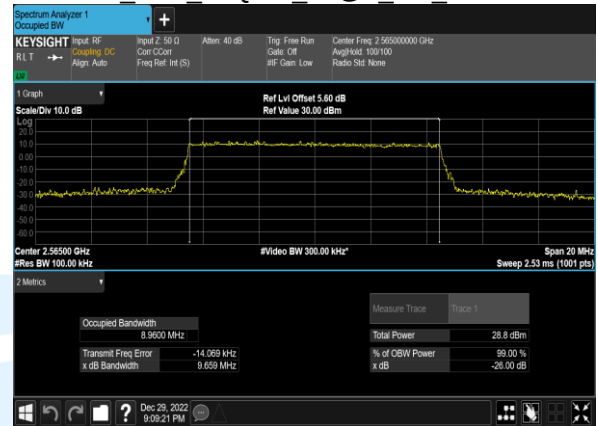
B7 10M 16QAM 50@0 CH 21100



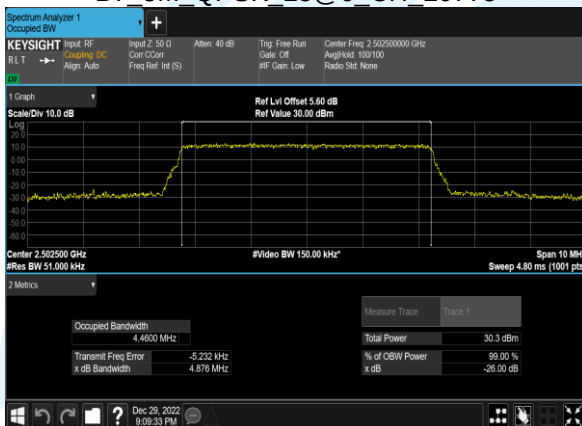
B7 10M QPSK 50@0 CH 21400



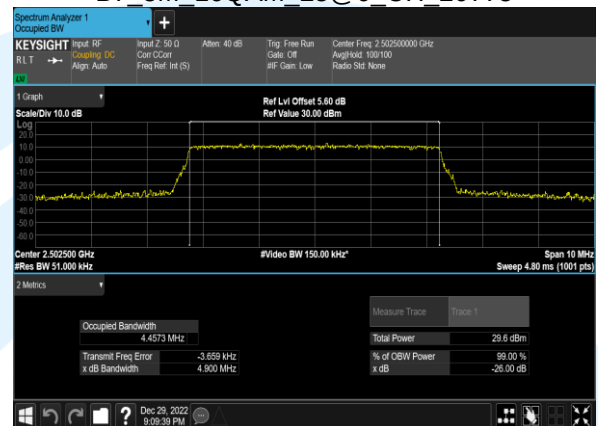
B7 10M 16QAM 50@0 CH 21400



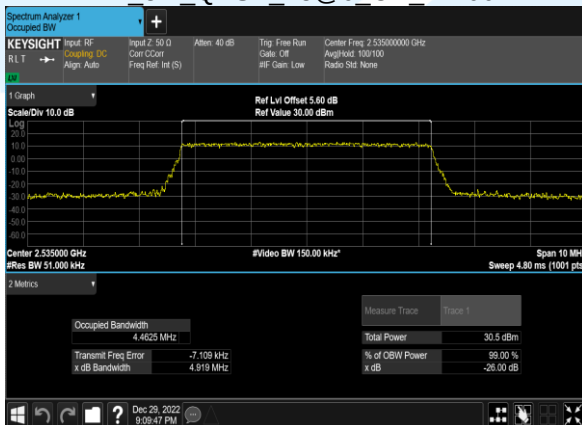
B7 5M QPSK 25@0 CH 20775



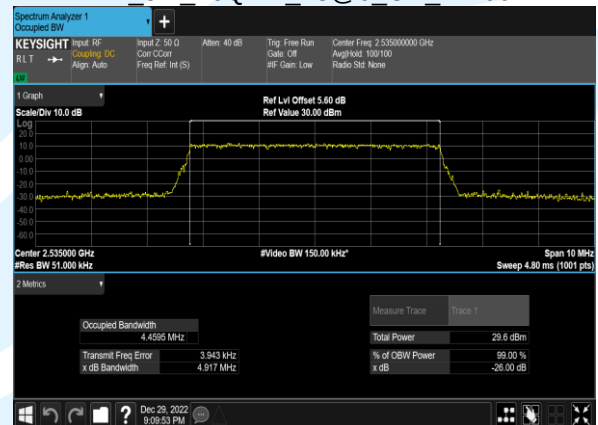
B7 5M 16QAM 25@0 CH 20775



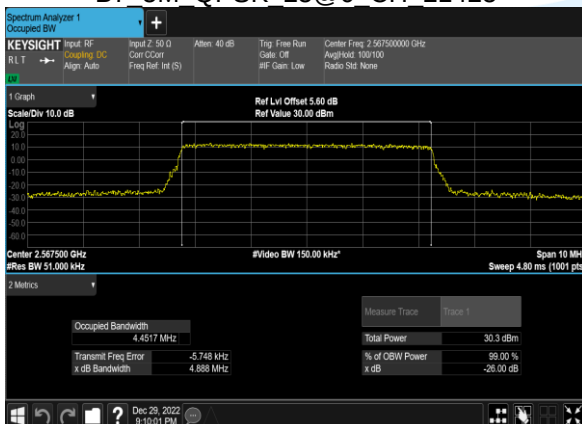
B7 5M QPSK 25@0 CH 21100



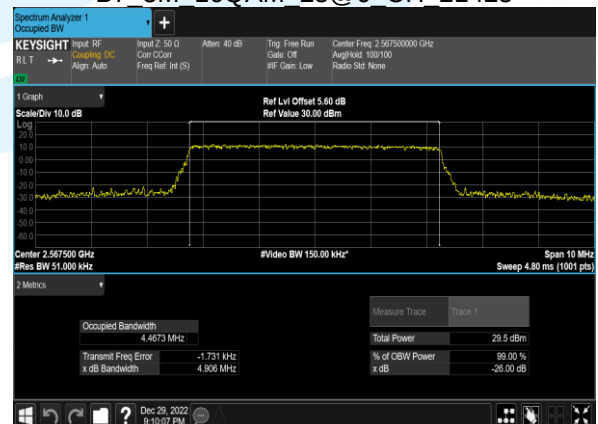
B7 5M 16QAM 25@0 CH 21100



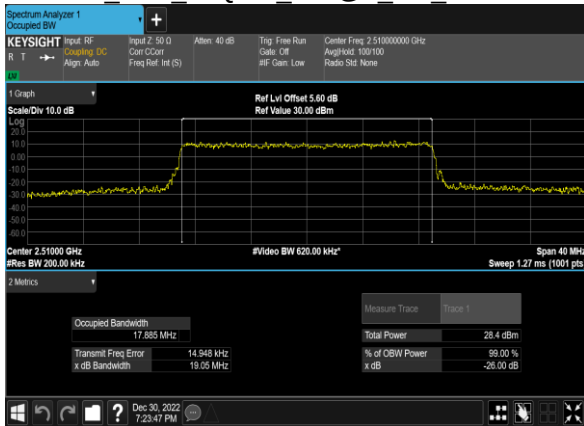
B7 5M QPSK 25@0 CH 21425



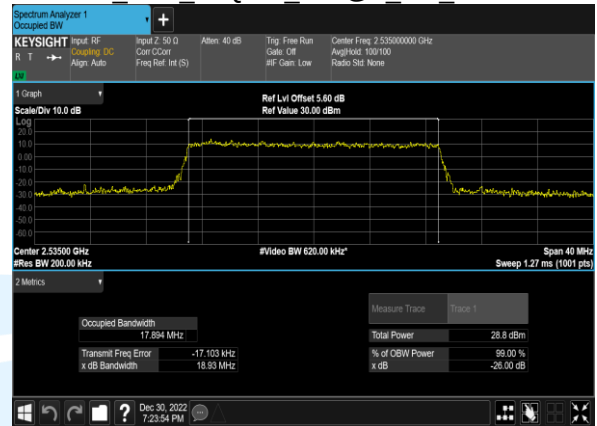
B7 5M 16QAM 25@0 CH 21425



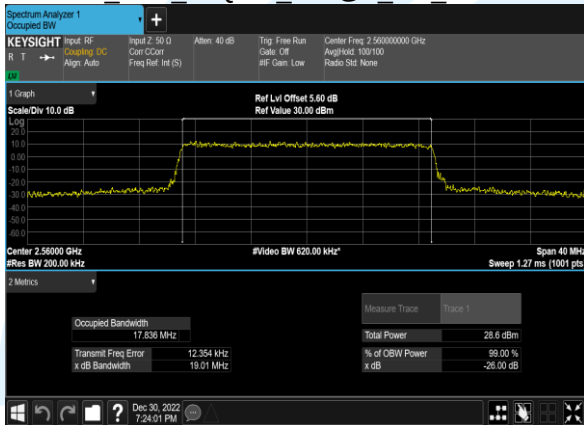
B7 20M 64QAM 100@0 CH 20850



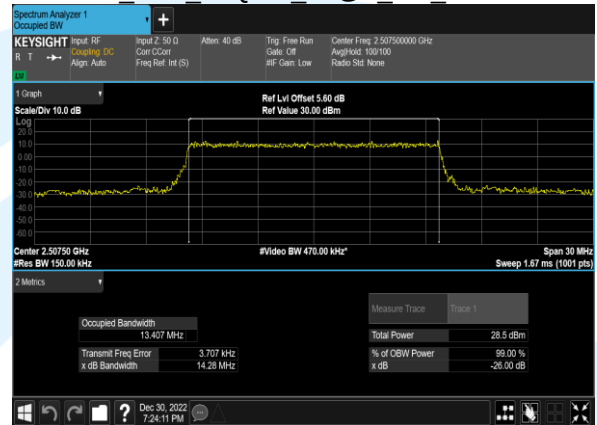
B7 20M 64QAM 100@0 CH 21100



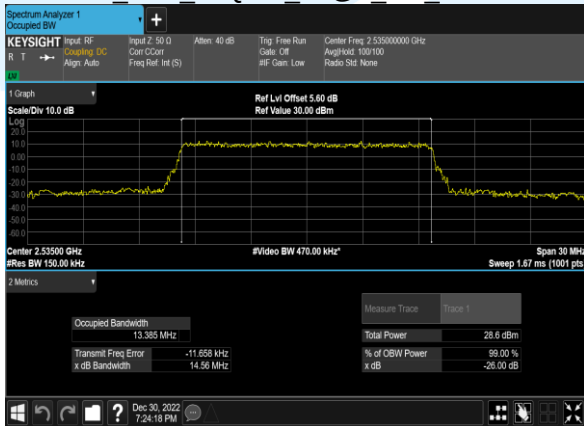
B7 20M 64QAM 100@0 CH 21350



B7 15M 64QAM 75@0 CH 20825



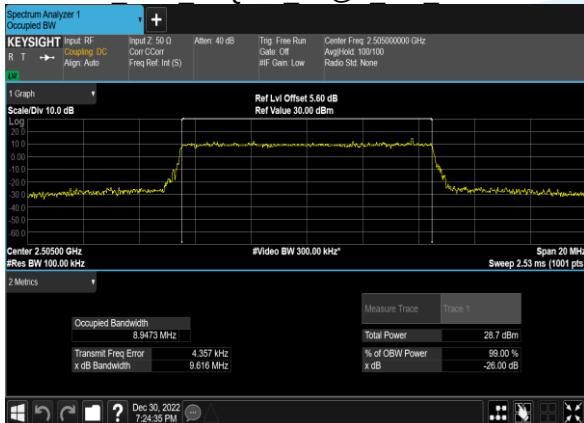
B7 15M 64QAM 75@0 CH 21100



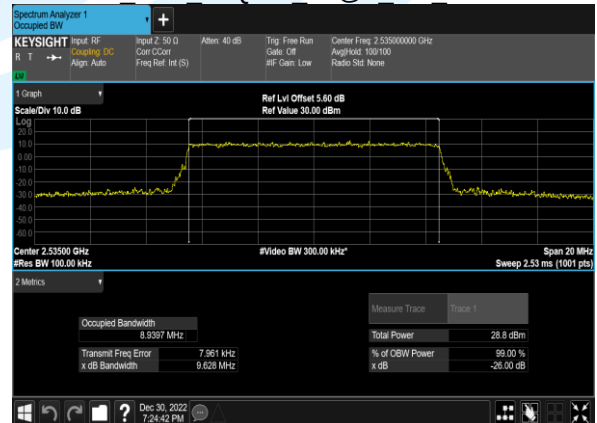
B7 15M 64QAM 75@0 CH 21375



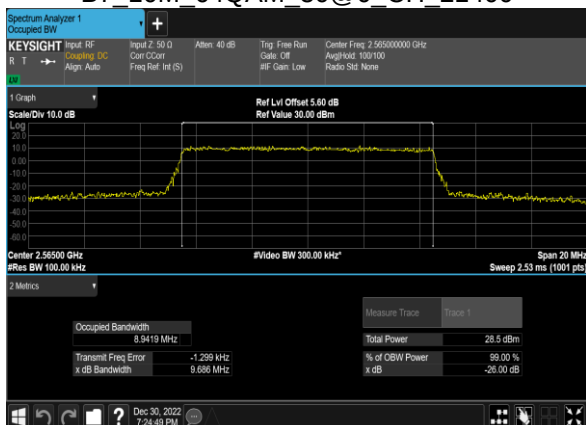
B7 10M 64QAM 50@0 CH 20800



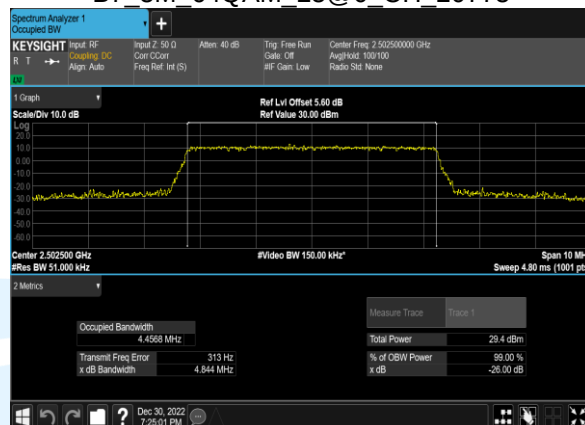
B7 10M 64QAM 50@0 CH 21100



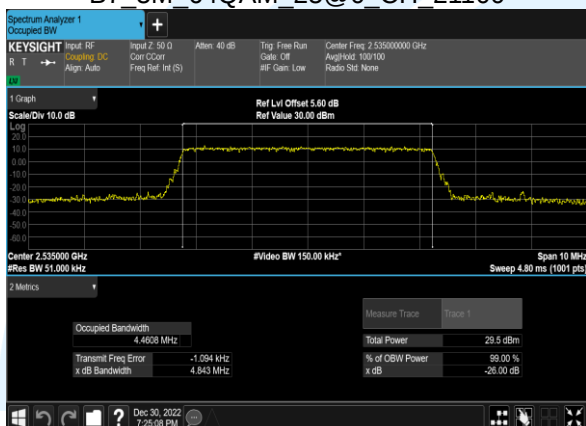
B7 10M 64QAM 50@0 CH 21400



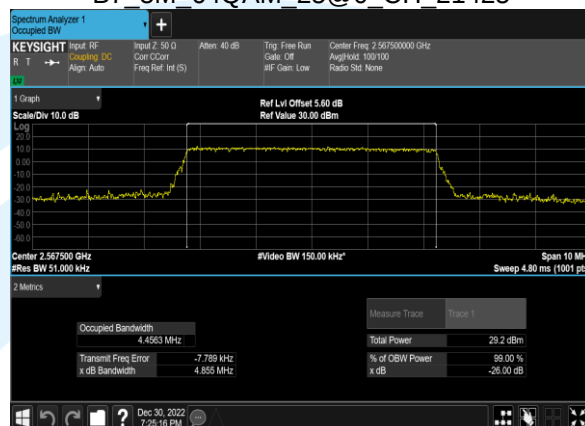
B7 5M 64QAM 25@0 CH 20775



B7 5M 64QAM 25@0 CH 21100



B7 5M 64QAM 25@0 CH 21425



Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
7	20.0	20850	2510.0	QPSK	1@0	-36.07	-25	PASS
7	20.0	20850	2510.0	16QAM	1@0	-35.24	-25	PASS
7	20.0	20850	2510.0	64QAM	1@0	-35.78	-25	PASS
7	20.0	21100	2535.0	QPSK	1@0	-36.15	-25	PASS
7	20.0	21100	2535.0	16QAM	1@0	-35.83	-25	PASS
7	20.0	21100	2535.0	64QAM	1@0	-36.47	-25	PASS
7	20.0	21350	2560.0	QPSK	1@0	-35.58	-25	PASS
7	20.0	21350	2560.0	16QAM	1@0	-35.75	-25	PASS
7	20.0	21350	2560.0	64QAM	1@0	-35.91	-25	PASS
7	15.0	20825	2507.5	QPSK	1@0	-36.61	-25	PASS
7	15.0	20825	2507.5	16QAM	1@0	-35.57	-25	PASS
7	15.0	20825	2507.5	64QAM	1@0	-35.65	-25	PASS
7	15.0	21100	2535.0	QPSK	1@0	-35.05	-25	PASS
7	15.0	21100	2535.0	16QAM	1@0	-36.21	-25	PASS
7	15.0	21100	2535.0	64QAM	1@0	-35.31	-25	PASS
7	15.0	21375	2562.5	QPSK	1@0	-35.57	-25	PASS
7	15.0	21375	2562.5	16QAM	1@0	-35.7	-25	PASS
7	15.0	21375	2562.5	64QAM	1@0	-35.96	-25	PASS
7	10.0	20800	2505.0	QPSK	1@0	-36.64	-25	PASS
7	10.0	20800	2505.0	16QAM	1@0	-35.17	-25	PASS
7	10.0	20800	2505.0	64QAM	1@0	-35.87	-25	PASS
7	10.0	21100	2535.0	QPSK	1@0	-35.65	-25	PASS
7	10.0	21100	2535.0	16QAM	1@0	-36.18	-25	PASS
7	10.0	21100	2535.0	64QAM	1@0	-35.67	-25	PASS
7	10.0	21400	2565.0	QPSK	1@0	-36.2	-25	PASS
7	10.0	21400	2565.0	16QAM	1@0	-36.24	-25	PASS
7	10.0	21400	2565.0	64QAM	1@0	-36.36	-25	PASS
7	5.0	20775	2502.5	QPSK	1@0	-35.56	-25	PASS
7	5.0	20775	2502.5	16QAM	1@0	-35.41	-25	PASS
7	5.0	20775	2502.5	64QAM	1@0	-35.96	-25	PASS
7	5.0	21100	2535.0	QPSK	1@0	-36.09	-25	PASS
7	5.0	21100	2535.0	16QAM	1@0	-36.09	-25	PASS
7	5.0	21100	2535.0	64QAM	1@0	-35.18	-25	PASS
7	5.0	21425	2567.5	QPSK	1@0	-36.15	-25	PASS
7	5.0	21425	2567.5	16QAM	1@0	-35.89	-25	PASS
7	5.0	21425	2567.5	64QAM	1@0	-35.78	-25	PASS

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