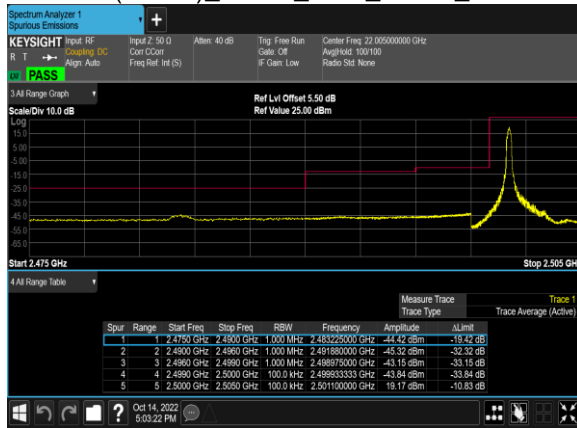
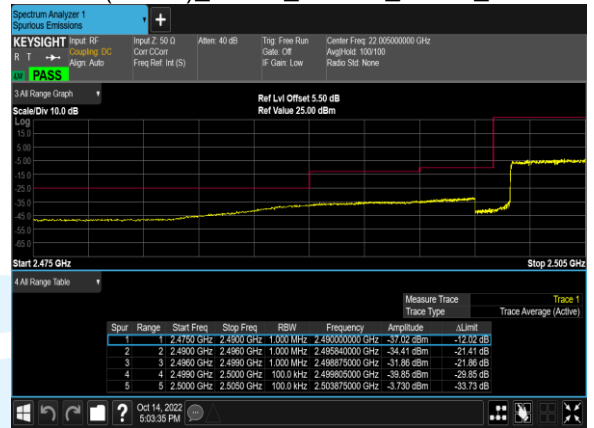


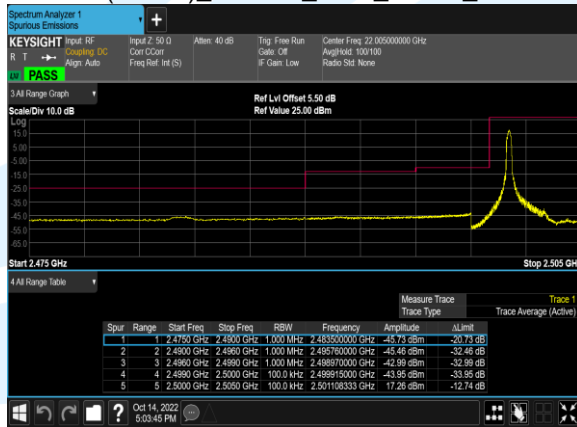
B7(20.0M)_QPSK_1@0_20850_CH



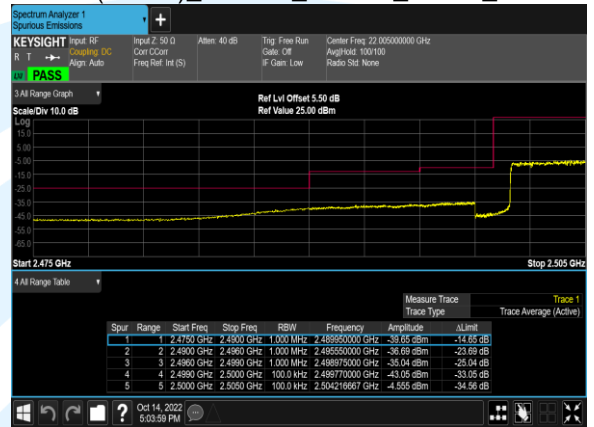
B7(20.0M)_QPSK_100@0_20850_CH



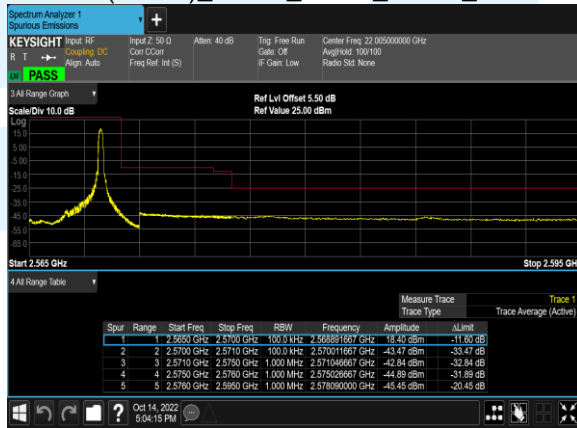
B7(20.0M)_16QAM_1@0_20850_CH



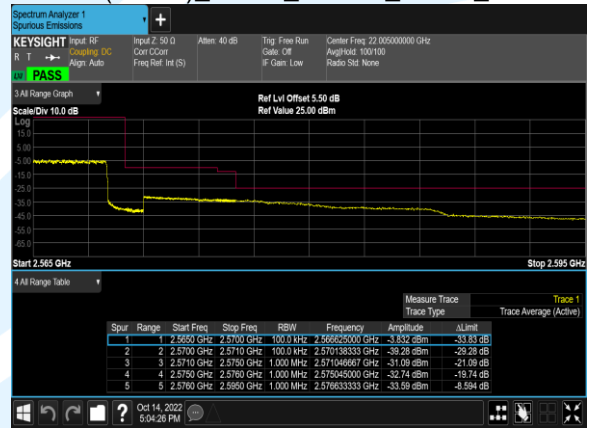
B7(20.0M)_16QAM_100@0_20850_CH



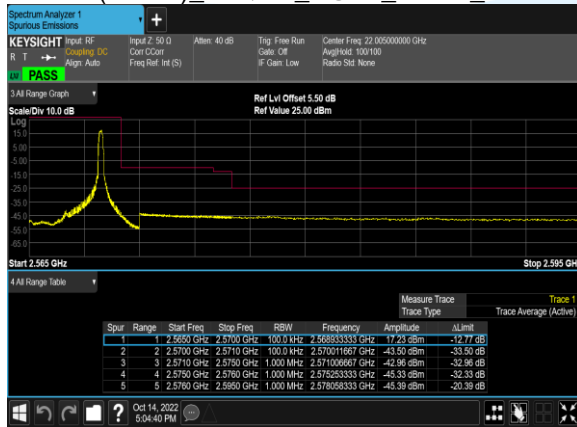
B7(20.0M)_QPSK_1@99_21350_CH



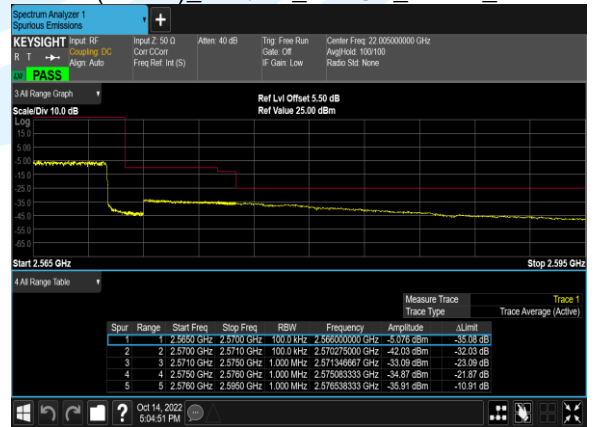
B7(20.0M)_QPSK_100@0_21350_CH



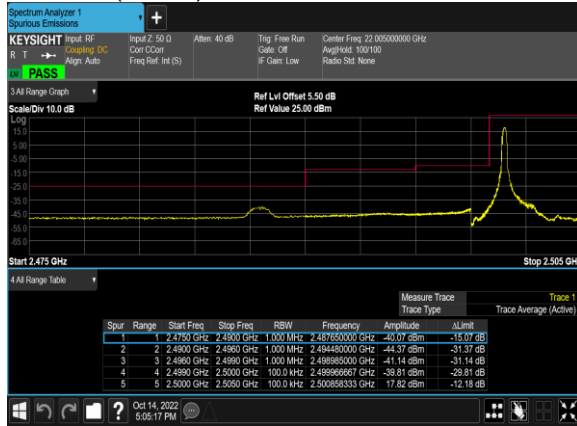
B7(20.0M)_16QAM_1@99_21350_CH



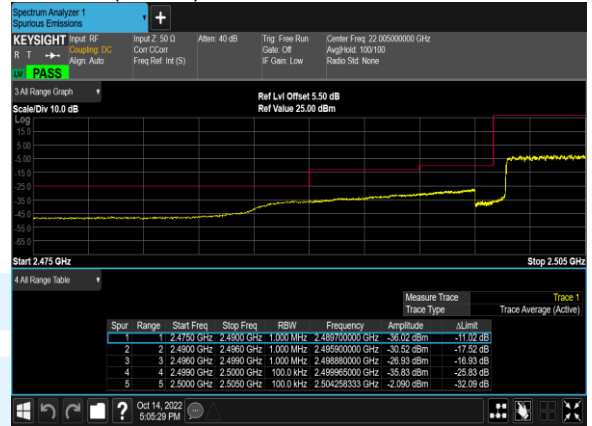
B7(20.0M)_16QAM_100@0_21350_CH



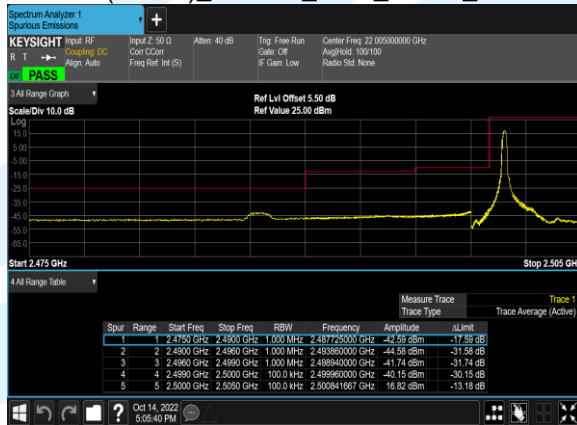
B7(15.0M)_QPSK_1@0_20825_CH



B7(15.0M)_QPSK_75@0_20825_CH



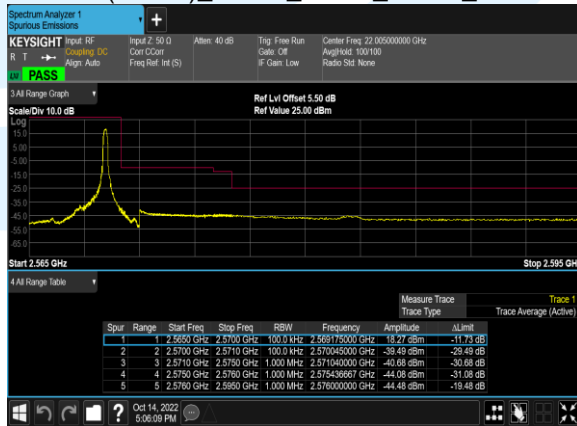
B7(15.0M)_16QAM_1@0_20825_CH



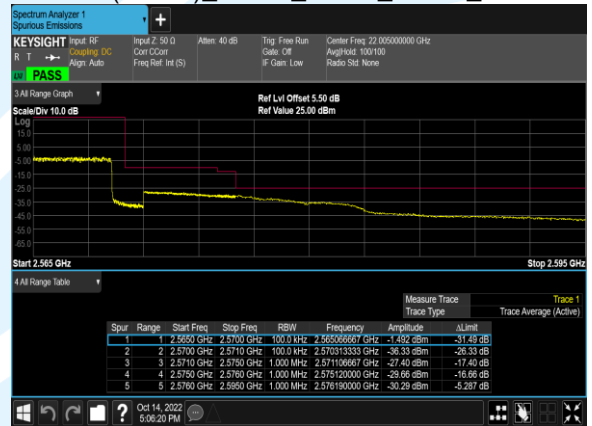
B7(15.0M)_16QAM_75@0_20825_CH



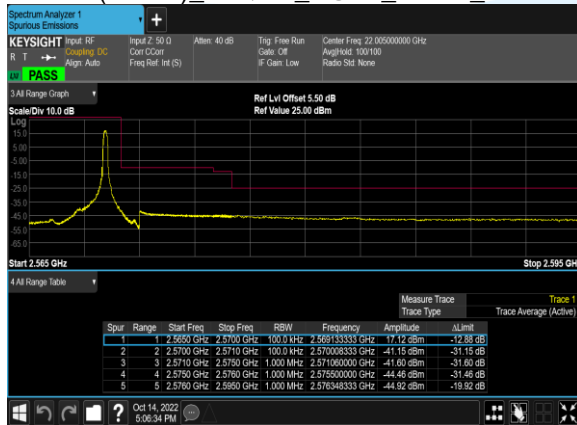
B7(15.0M)_QPSK_1@74_21375_CH



B7(15.0M)_QPSK_75@0_21375_CH



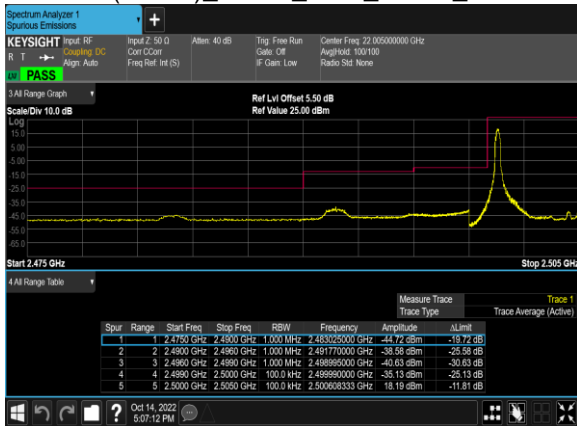
B7(15.0M)_16QAM_1@74_21375_CH



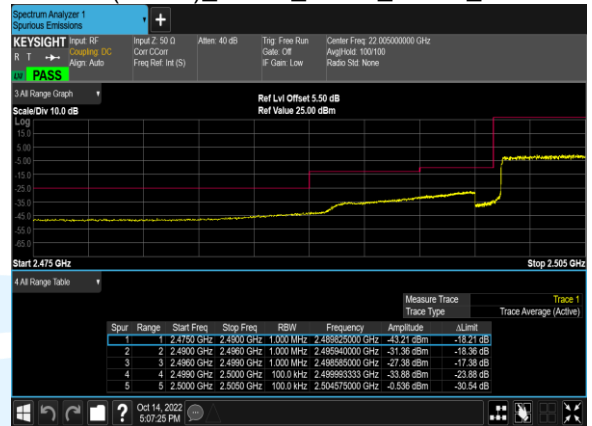
B7(15.0M)_16QAM_75@0_21375_CH



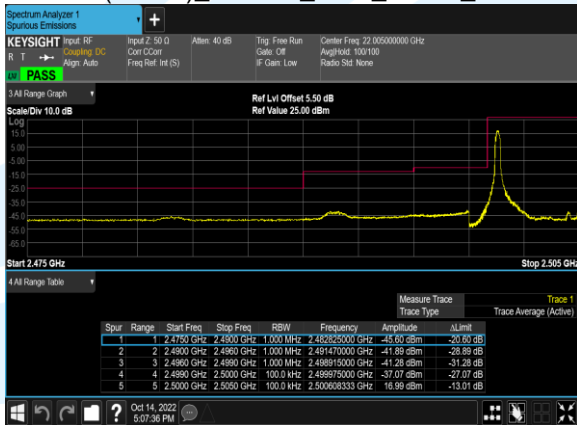
B7(10.0M)_QPSK_1@0_20800_CH



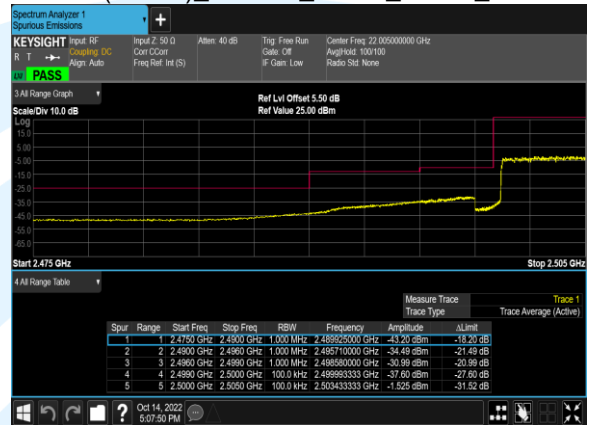
B7(10.0M)_QPSK_50@0_20800_CH



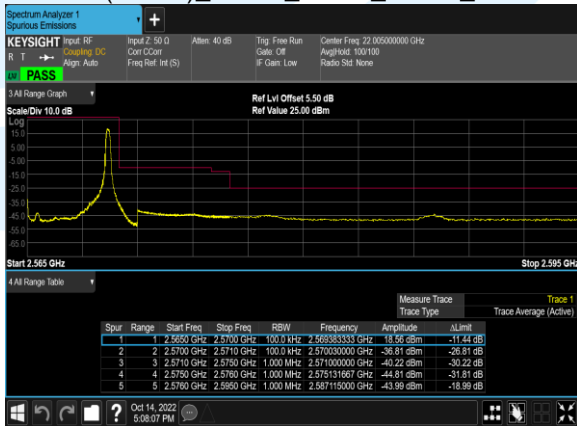
B7(10.0M)_16QAM_1@0_20800_CH



B7(10.0M)_16QAM_50@0_20800_CH



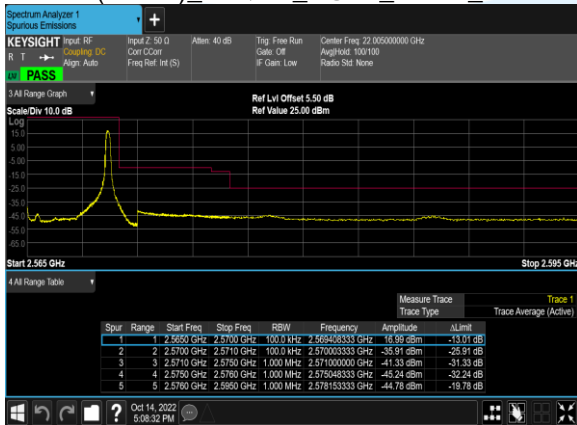
B7(10.0M)_QPSK_1@49_21400_CH



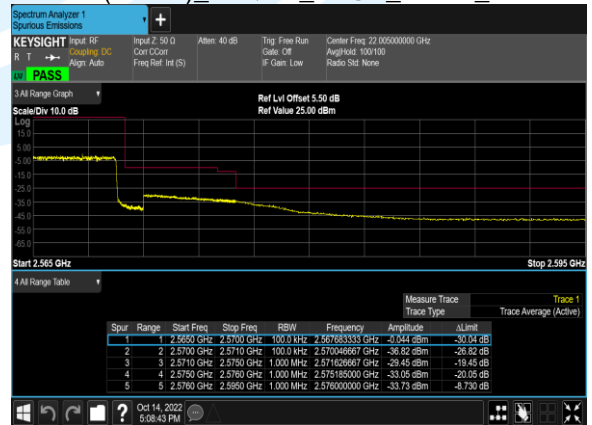
B7(10.0M)_QPSK_50@0_21400_CH



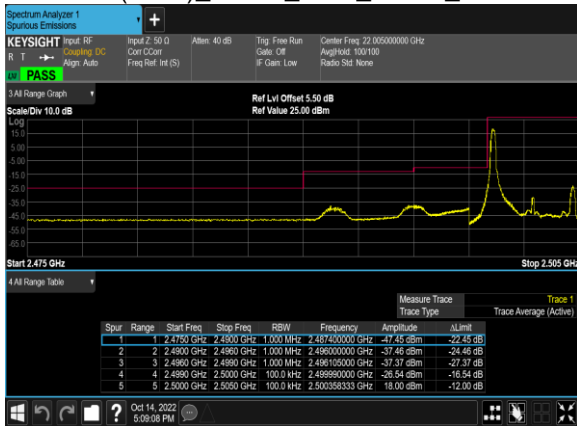
B7(10.0M)_16QAM_1@49_21400_CH



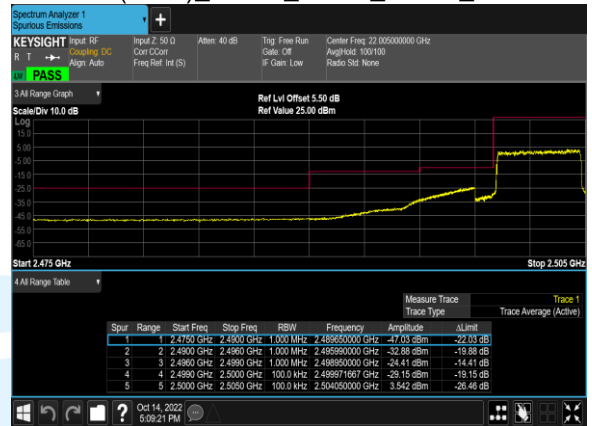
B7(10.0M)_16QAM_50@0_21400_CH



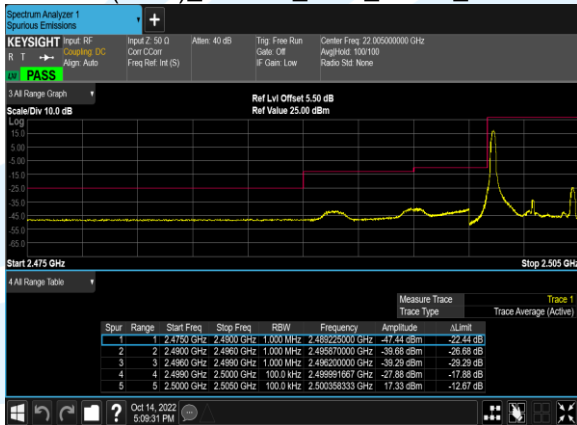
B7(5.0M)_QPSK_1@0_20775_CH



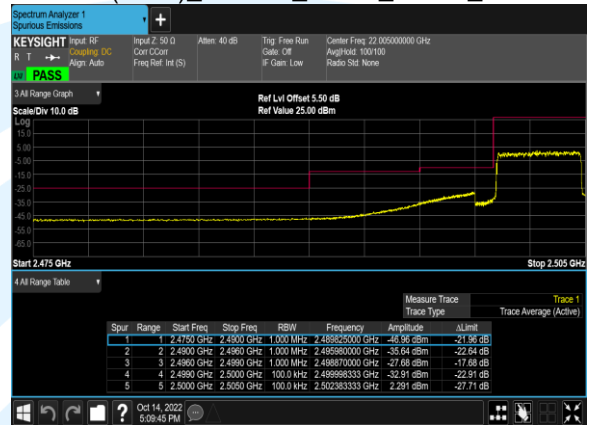
B7(5.0M)_QPSK_25@0_20775_CH



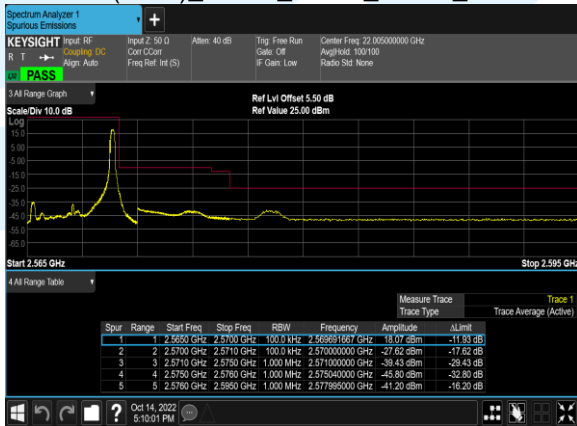
B7(5.0M)_16QAM_1@0_20775_CH



B7(5.0M)_16QAM_25@0_20775_CH



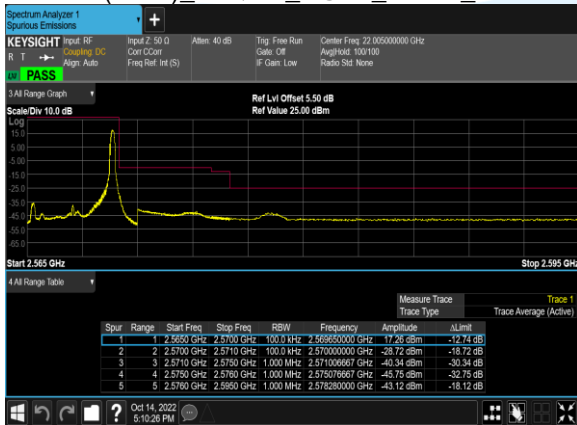
B7(5.0M)_QPSK_1@24_21425_CH



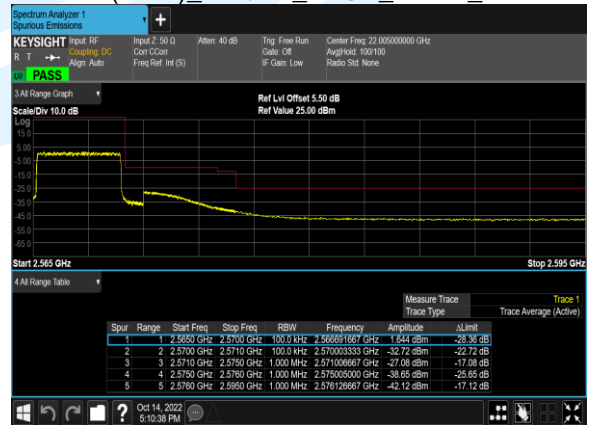
B7(5.0M)_QPSK_25@0_21425_CH



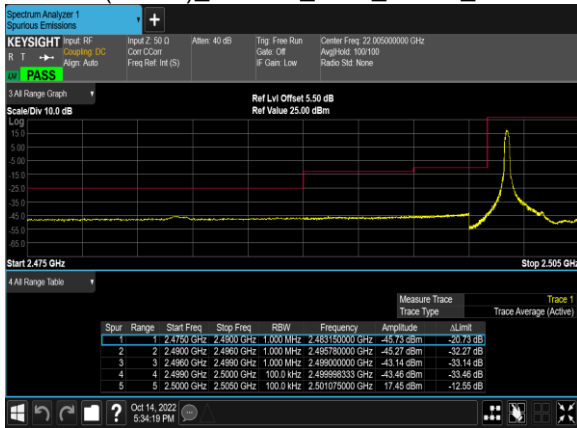
B7(5.0M)_16QAM_1@24_21425_CH



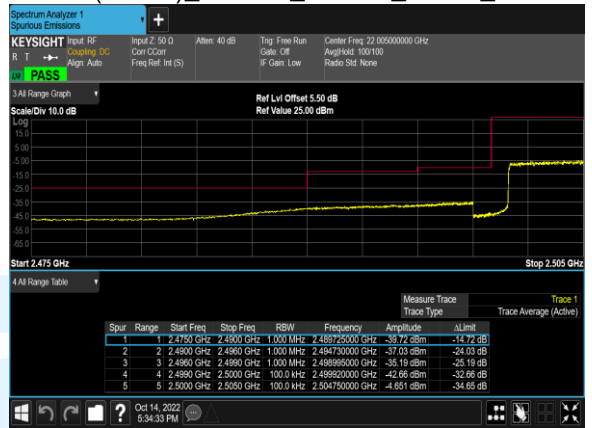
B7(5.0M)_16QAM_25@0_21425_CH



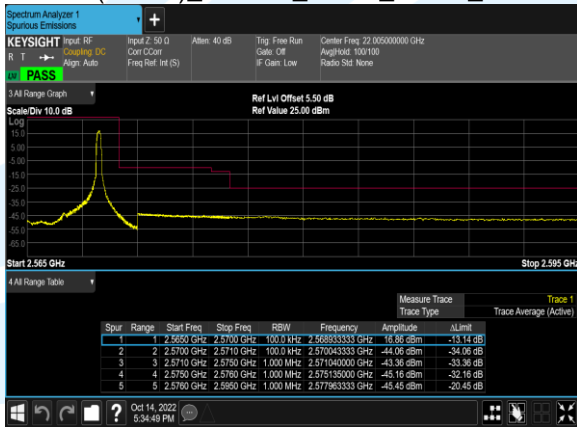
B7(20.0M)_64QAM_1@0_20850_CH



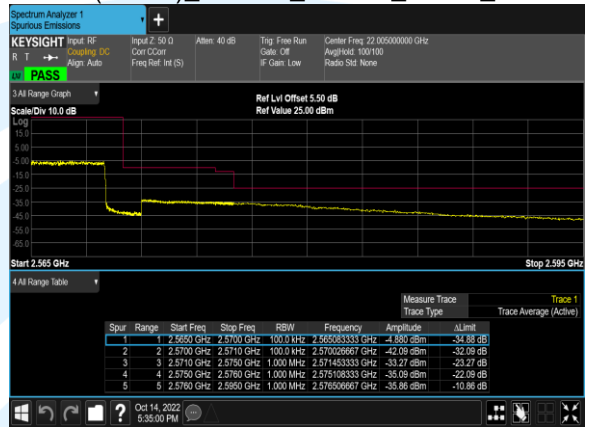
B7(20.0M)_64QAM_100@0_20850_CH



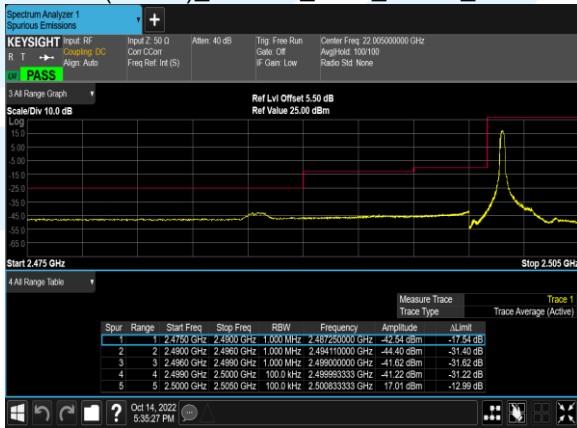
B7(20.0M)_64QAM_1@99_21350_CH



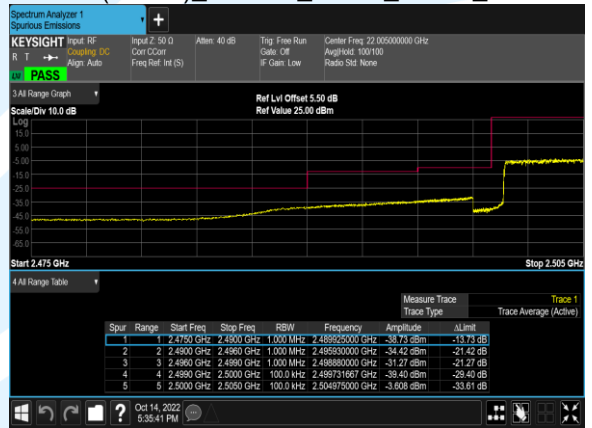
B7(20.0M)_64QAM_100@0_21350_CH



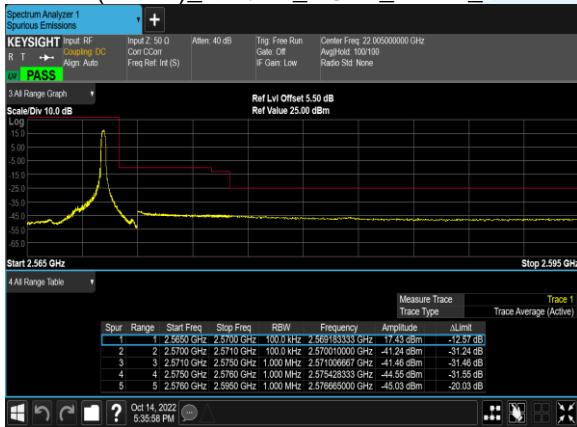
B7(15.0M)_64QAM_1@0_20825_CH



B7(15.0M)_64QAM_75@0_20825_CH



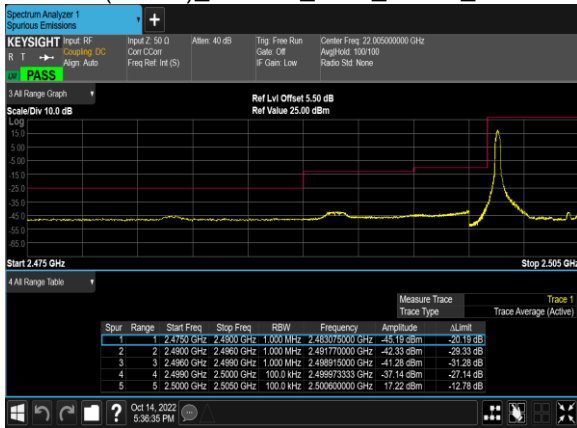
B7(15.0M)_64QAM_1@74_21375_CH



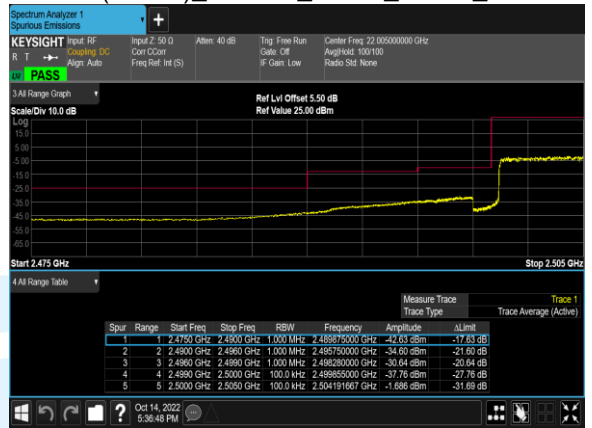
B7(15.0M)_64QAM_75@0_21375_CH



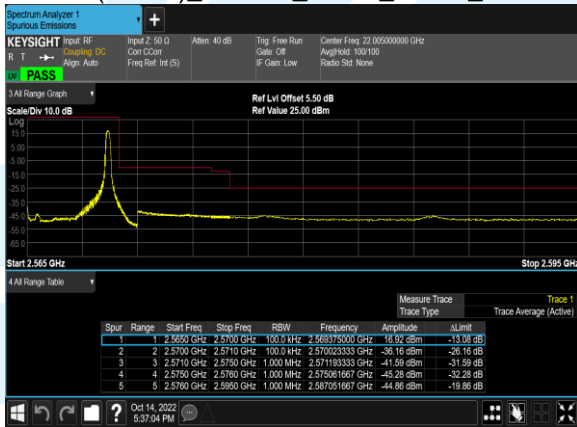
B7(10.0M)_64QAM_1@0_20800_CH



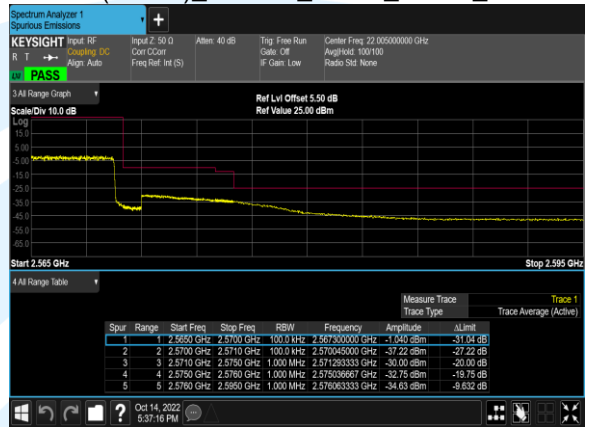
B7(10.0M)_64QAM_50@0_20800_CH



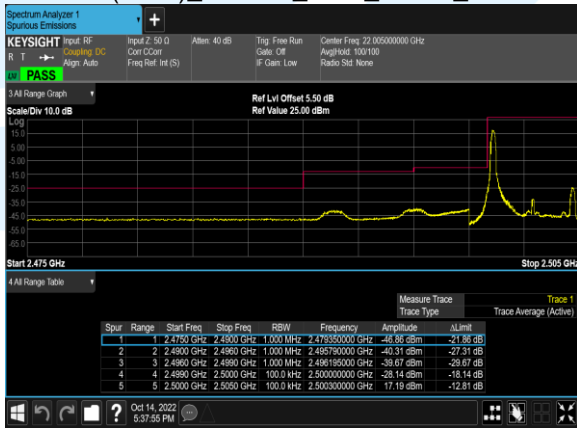
B7(10.0M)_64QAM_1@49_21400_CH



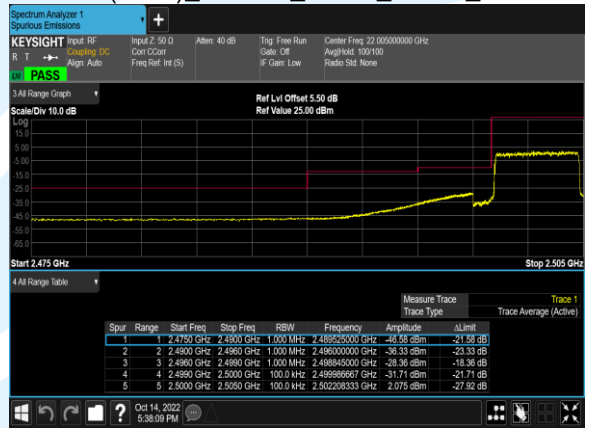
B7(10.0M)_64QAM_50@0_21400_CH



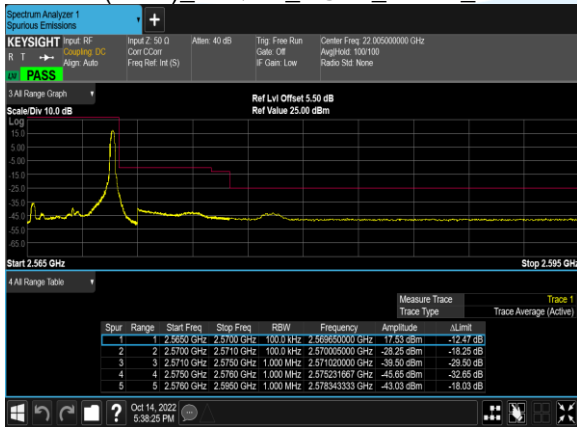
B7(5.0M)_64QAM_1@0_20775_CH



B7(5.0M)_64QAM_25@0_20775_CH



B7(5.0M)_64QAM_1@24_21425_CH



B7(5.0M)_64QAM_25@0_21425_CH



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	5.57	13	PASS
12	10.0	23060	704.0	16QAM	50@0	6.36	13	PASS
12	10.0	23060	704.0	64QAM	50@0	6.35	13	PASS
12	10.0	23095	707.5	QPSK	50@0	5.19	13	PASS
12	10.0	23095	707.5	16QAM	50@0	6.20	13	PASS
12	10.0	23095	707.5	64QAM	50@0	6.21	13	PASS
12	10.0	23130	711.0	QPSK	50@0	5.90	13	PASS
12	10.0	23130	711.0	16QAM	50@0	6.53	13	PASS
12	10.0	23130	711.0	64QAM	50@0	6.54	13	PASS

B12(10.0M)_QPSK_50@0_23060_CH



B12(10.0M)_16QAM_50@0_23060_CH



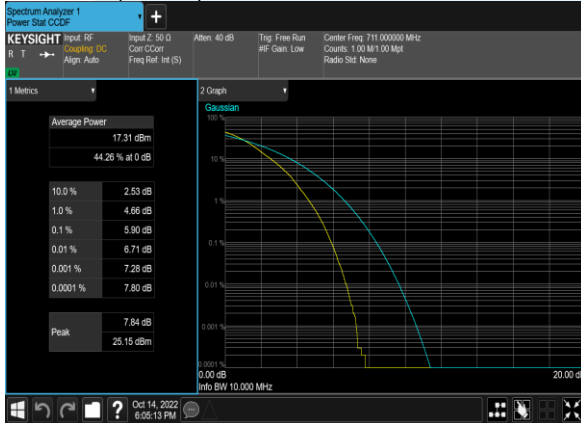
B12(10.0M)_QPSK_50@0_23095_CH



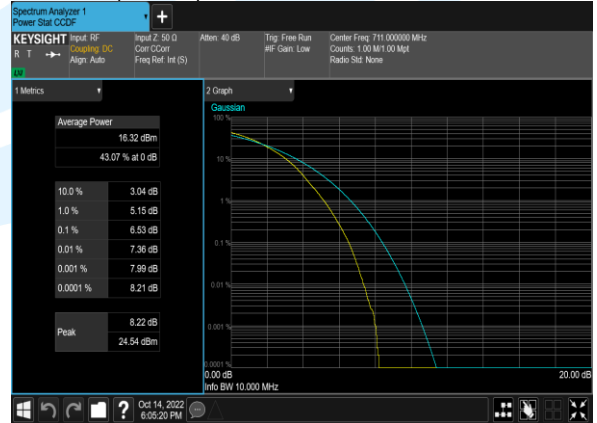
B12(10.0M)_16QAM_50@0_23095_CH



B12(10.0M)_QPSK_50@0_23130_CH



B12(10.0M)_16QAM_50@0_23130_CH



B12(10.0M)_64QAM_50@0_23060_CH



B12(10.0M)_64QAM_50@0_23095_CH



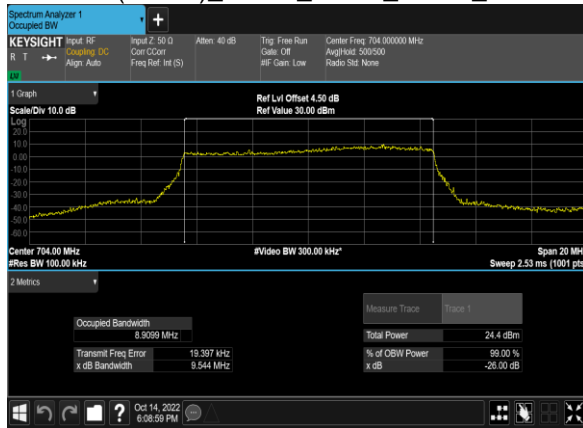
B12(10.0M)_64QAM_50@0_23130_CH



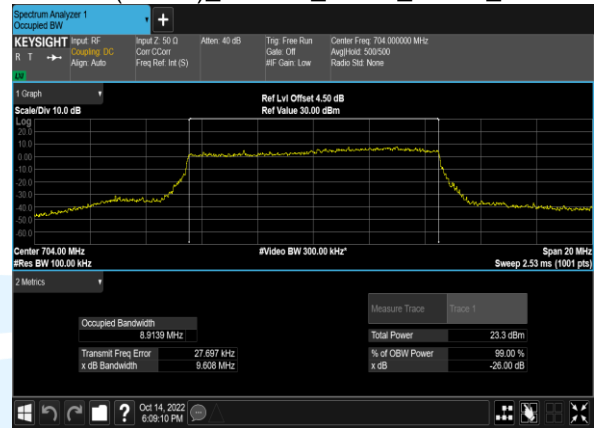
Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
12	10.0	23060	704.0	QPSK	50@0	8.9099	9.544
12	10.0	23060	704.0	16QAM	50@0	8.9139	9.608
12	10.0	23060	704.0	64QAM	50@0	8.9209	9.646
12	10.0	23095	707.5	QPSK	50@0	8.8891	9.619
12	10.0	23095	707.5	16QAM	50@0	8.8766	9.502
12	10.0	23095	707.5	64QAM	50@0	8.8817	9.417
12	10.0	23130	711.0	QPSK	50@0	9.0028	9.788
12	10.0	23130	711.0	16QAM	50@0	8.9897	9.779
12	10.0	23130	711.0	64QAM	50@0	8.9920	9.823
12	5.0	23035	701.5	QPSK	25@0	4.4807	5.032
12	5.0	23035	701.5	16QAM	25@0	4.4866	5.049
12	5.0	23035	701.5	64QAM	25@0	1.7889	2.114
12	5.0	23095	707.5	QPSK	25@0	4.4566	4.954
12	5.0	23095	707.5	16QAM	25@0	4.4512	4.839
12	5.0	23095	707.5	64QAM	25@0	4.4536	4.967
12	5.0	23155	713.5	QPSK	25@0	4.4789	4.937
12	5.0	23155	713.5	16QAM	25@0	4.4822	4.999
12	5.0	23155	713.5	64QAM	25@0	4.4821	5.061
12	3.0	23025	700.5	QPSK	15@0	2.6807	2.852
12	3.0	23025	700.5	16QAM	15@0	2.6759	2.844
12	3.0	23025	700.5	64QAM	15@0	2.6754	2.852
12	3.0	23095	707.5	QPSK	15@0	2.6702	2.842
12	3.0	23095	707.5	16QAM	15@0	2.6674	2.835
12	3.0	23095	707.5	64QAM	15@0	2.6661	2.833
12	3.0	23165	714.5	QPSK	15@0	2.6786	2.839
12	3.0	23165	714.5	16QAM	15@0	2.6776	2.845
12	3.0	23165	714.5	64QAM	15@0	2.6792	2.850
12	1.4	23017	699.7	QPSK	6@0	1.0783	1.243
12	1.4	23017	699.7	16QAM	6@0	1.0778	1.245
12	1.4	23017	699.7	64QAM	6@0	1.0780	1.238
12	1.4	23095	707.5	QPSK	6@0	1.0776	1.242
12	1.4	23095	707.5	16QAM	6@0	1.0793	1.258
12	1.4	23095	707.5	64QAM	6@0	1.0797	1.270
12	1.4	23173	715.3	QPSK	6@0	1.0785	1.249
12	1.4	23173	715.3	16QAM	6@0	1.0753	1.217
12	1.4	23173	715.3	64QAM	6@0	1.0755	1.225

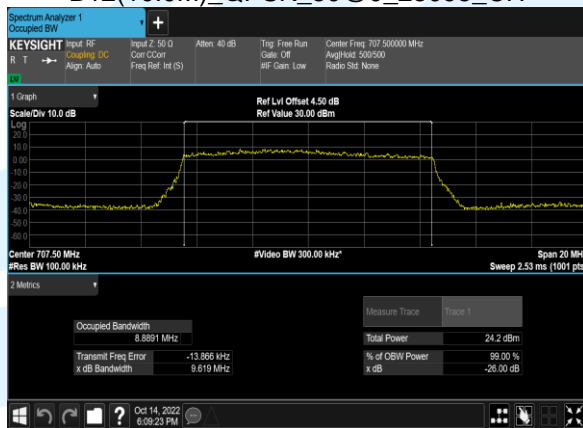
B12(10.0M) QPSK_50@0_23060_CH



B12(10.0M)_16QAM_50@0_23060_CH



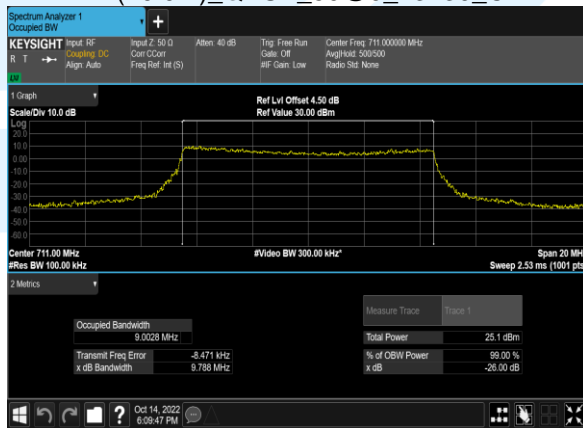
B12(10.0M) QPSK_50@0_23095_CH



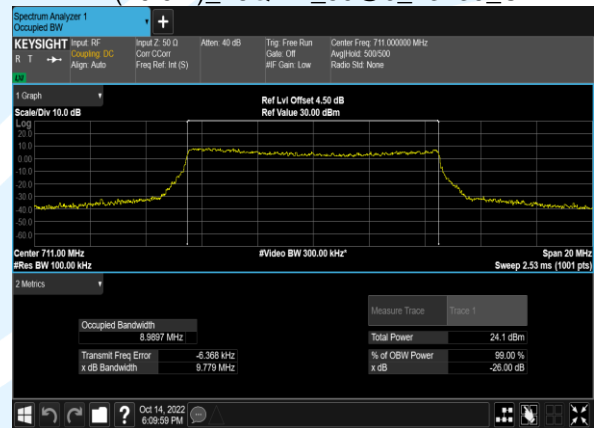
B12(10.0M)_16QAM_50@0_23095_CH



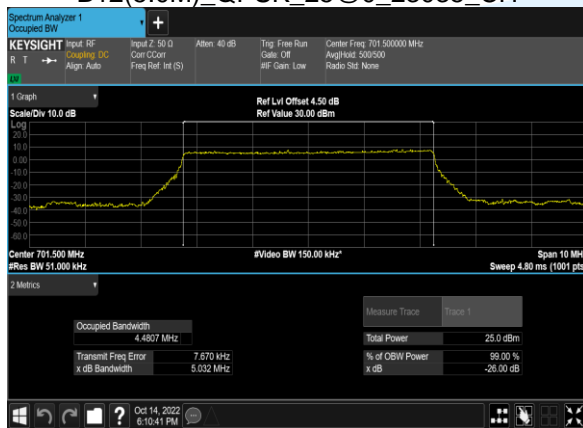
B12(10.0M) QPSK_50@0_23130_CH



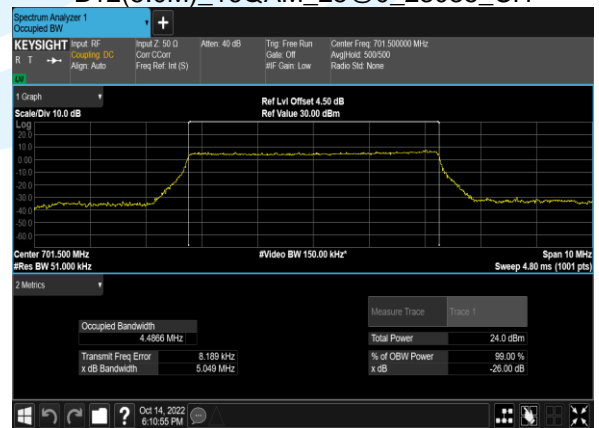
B12(10.0M) 16QAM_50@0_23130_CH



B12(5.0M) QPSK_25@0_23035_CH



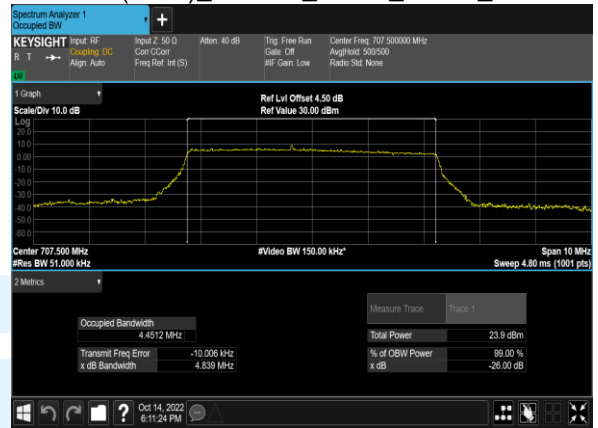
B12(5.0M) 16QAM_25@0_23035_CH



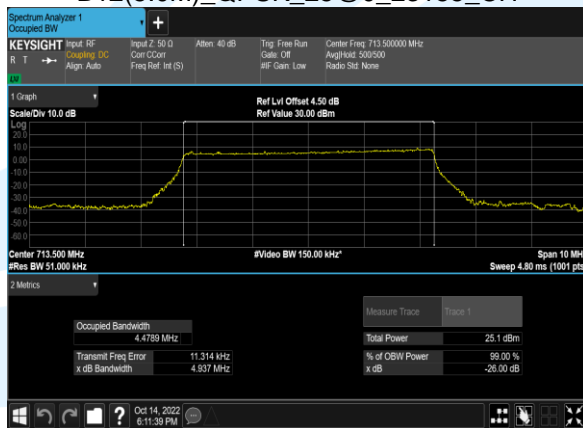
B12(5.0M)_QPSK_25@0_23095_CH



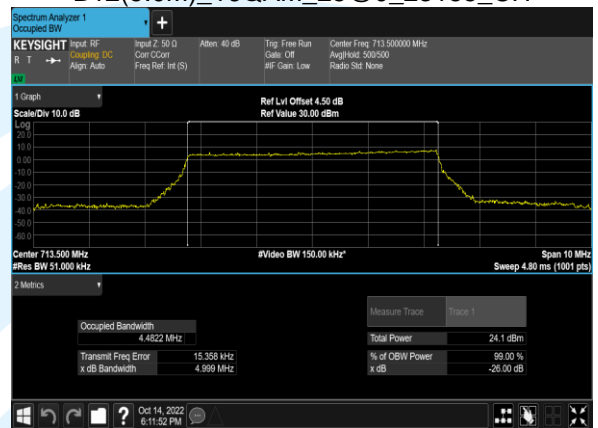
B12(5.0M)_16QAM_25@0_23095_CH



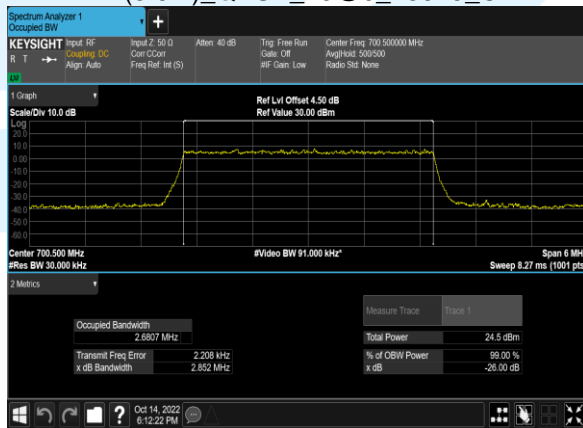
B12(5.0M)_QPSK_25@0_23155_CH



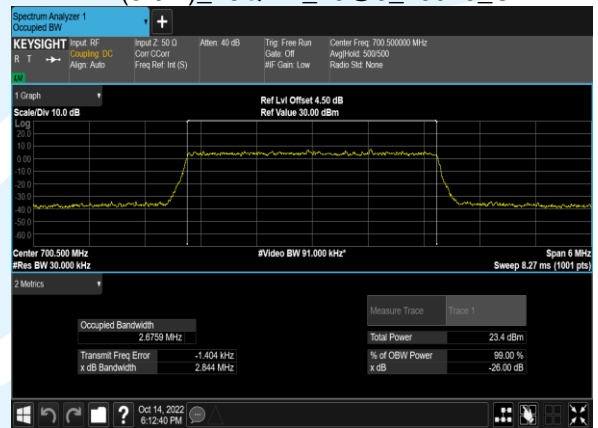
B12(5.0M)_16QAM_25@0_23155_CH



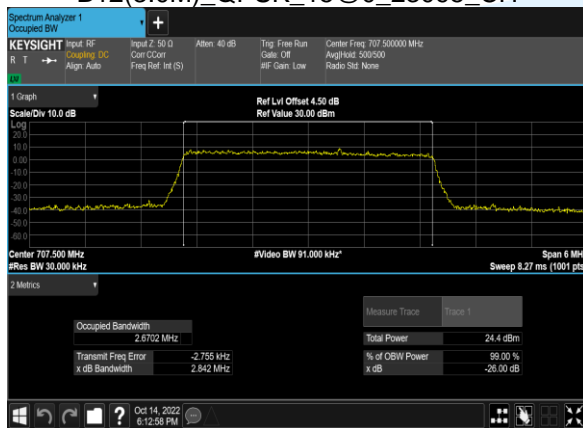
B12(3.0M)_QPSK_15@0_23025_CH



B12(3.0M)_16QAM_15@0_23025_CH



B12(3.0M)_QPSK_15@0_23095_CH



B12(3.0M)_16QAM_15@0_23095_CH

