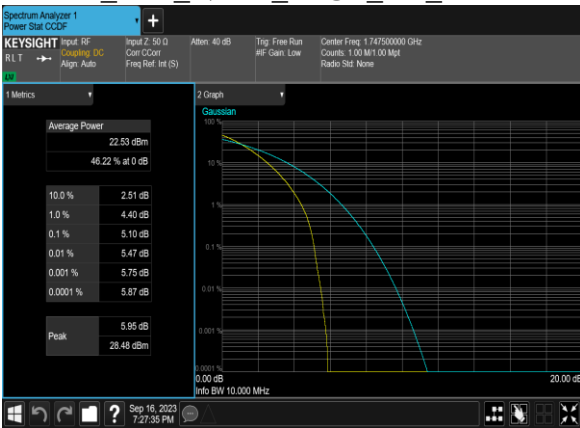
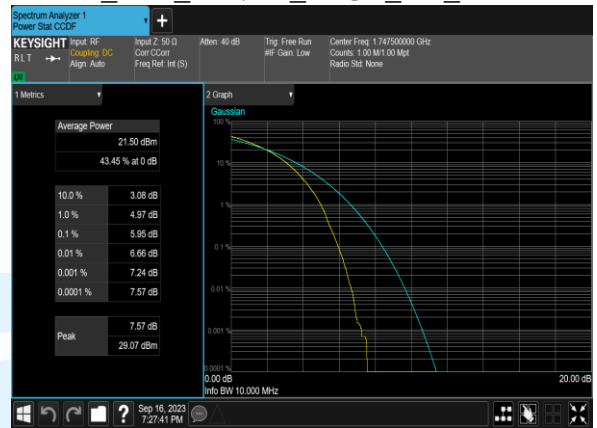


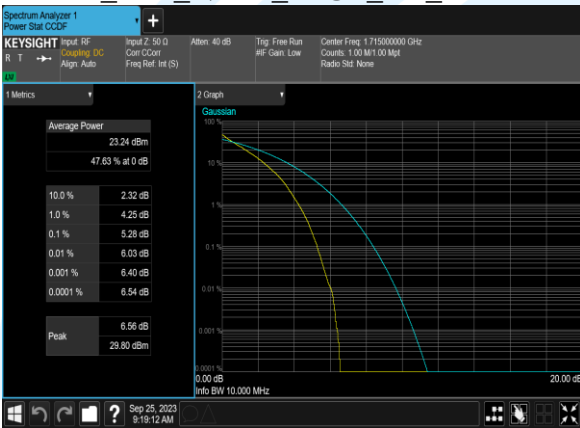
B4_15M_QPSK_75@0_CH_20325



B4_15M_16QAM_75@0_CH_20325



B4_10M_QPSK_50@0_CH_20000



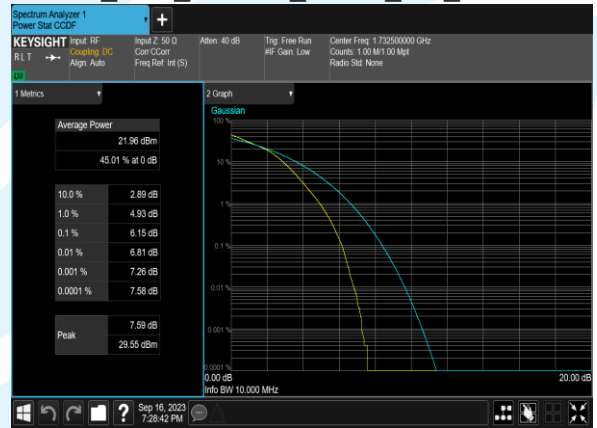
B4_10M_16QAM_50@0_CH_20000



B4_10M_QPSK_50@0_CH_20175



B4_10M_16QAM_50@0_CH_20175



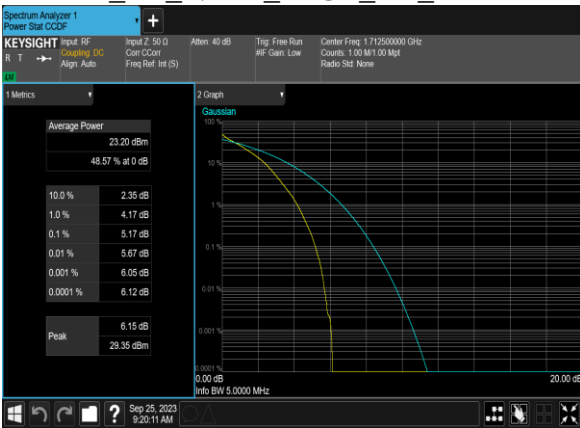
B4_10M_QPSK_50@0_CH_20350



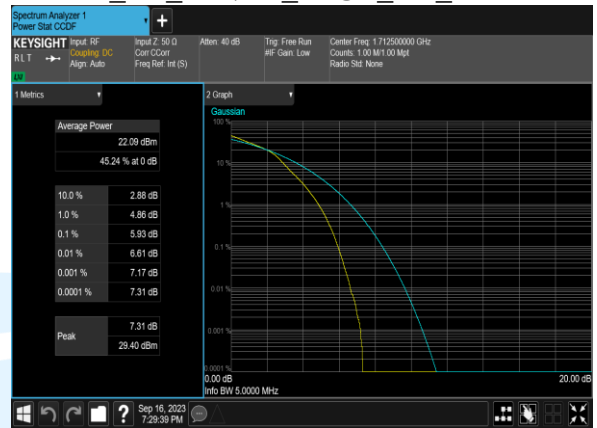
B4_10M_16QAM_50@0_CH_20350



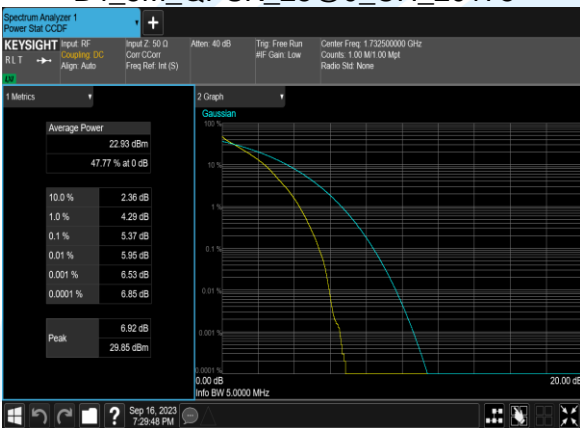
B4_5M_QPSK_25@0_CH_19975



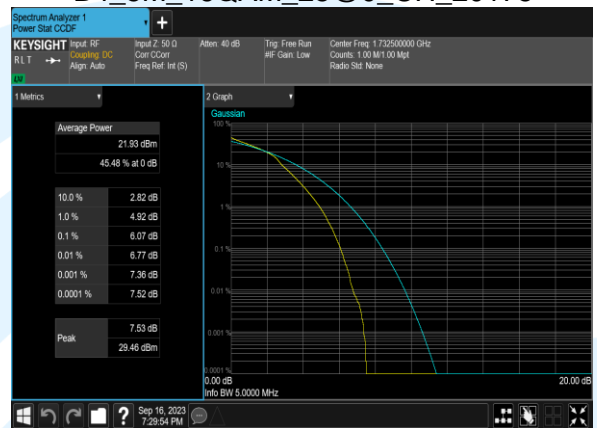
B4_5M_16QAM_25@0_CH_19975



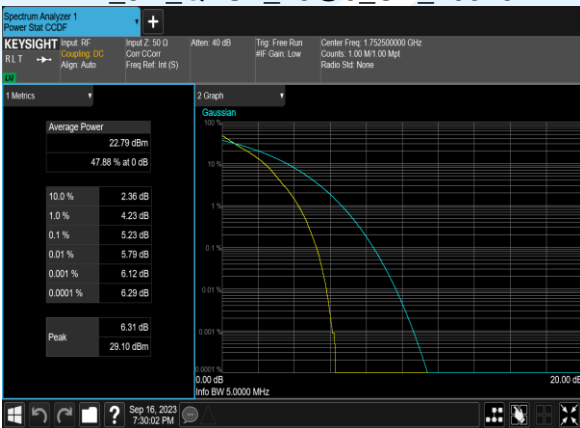
B4_5M_QPSK_25@0_CH_20175



B4_5M_16QAM_25@0_CH_20175



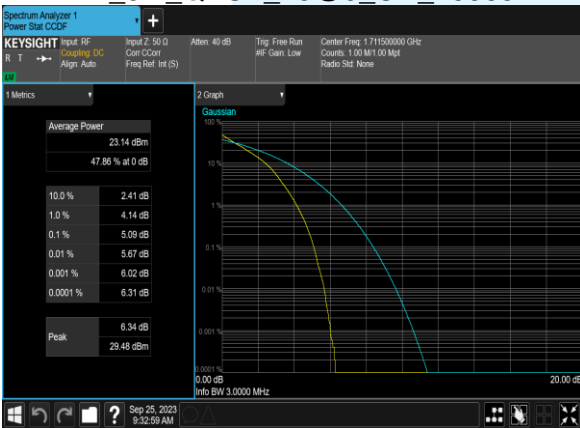
B4_5M_QPSK_25@0_CH_20375



B4_5M_16QAM_25@0_CH_20375



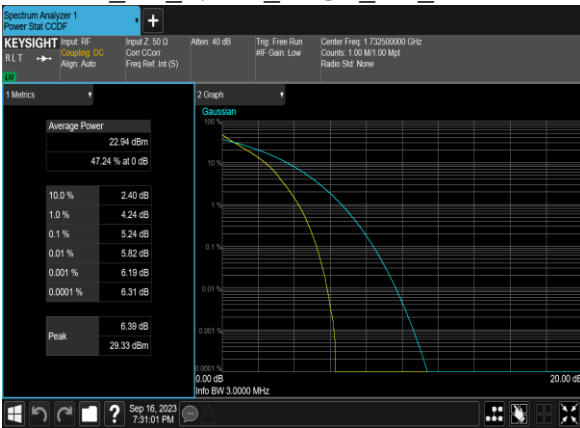
B4_3M_QPSK_15@0_CH_19965



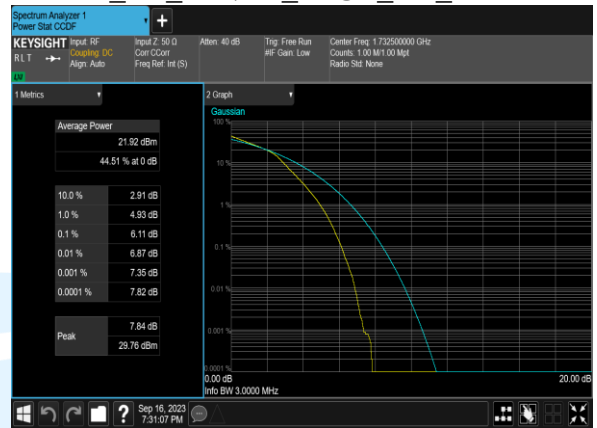
B4_3M_16QAM_15@0_CH_19965



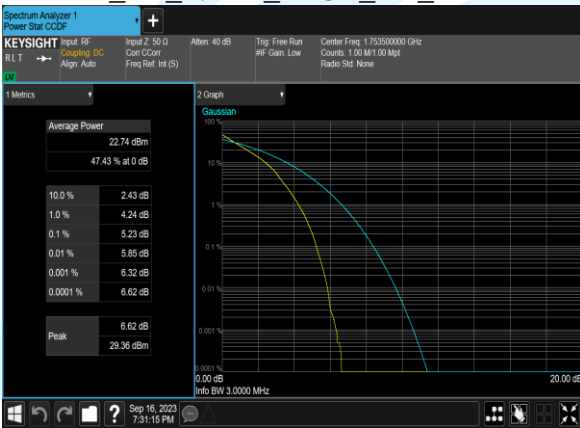
B4_3M_QPSK_15@0_CH_20175



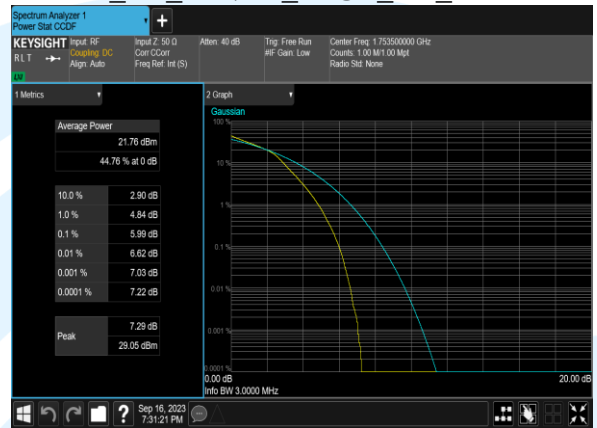
B4_3M_16QAM_15@0_CH_20175



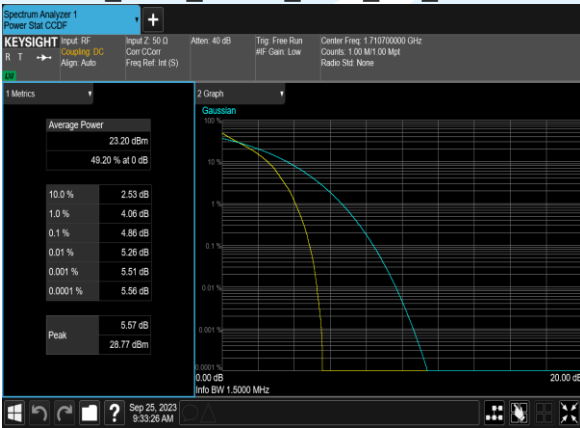
B4_3M_QPSK_15@0_CH_20385



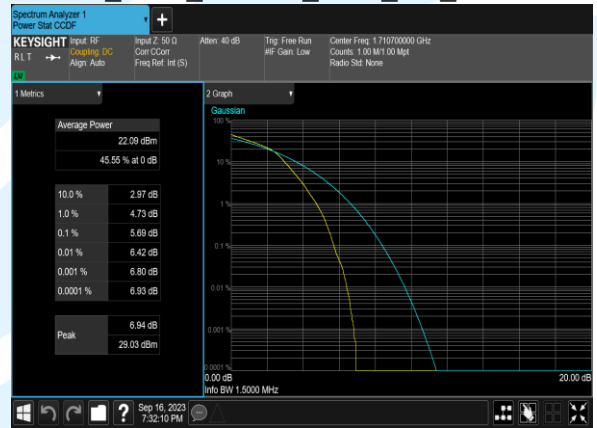
B4_3M_16QAM_15@0_CH_20385



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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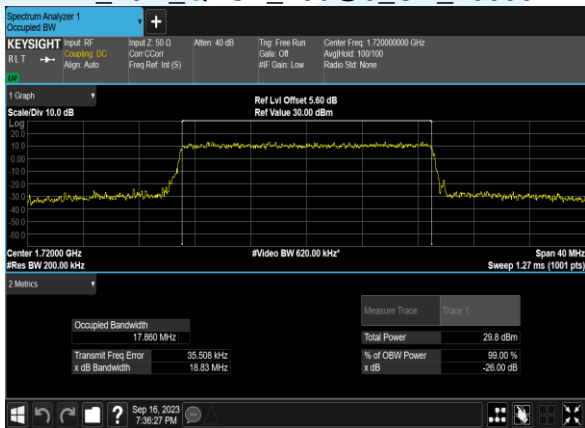
UTTR-RF-FCC4G-V1.1

Occupied Bandwidth

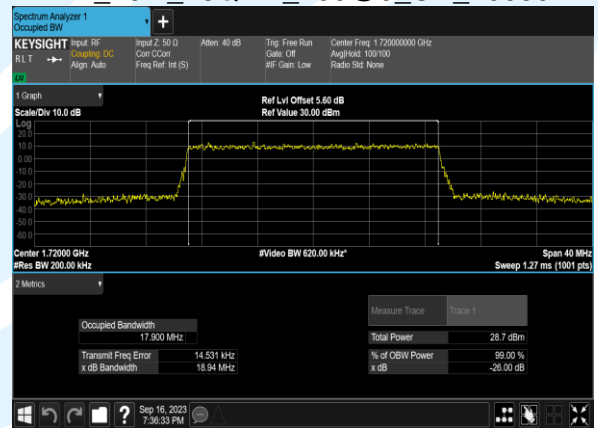
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
4	20.0	20050	1720.0	QPSK	100@0	17.860	18.83
4	20.0	20050	1720.0	16QAM	100@0	17.900	18.94
4	20.0	20175	1732.5	QPSK	100@0	17.845	18.93
4	20.0	20175	1732.5	16QAM	100@0	17.916	18.87
4	20.0	20300	1745.0	QPSK	100@0	17.868	18.73
4	20.0	20300	1745.0	16QAM	100@0	17.863	18.66
4	15.0	20025	1717.5	QPSK	75@0	13.421	14.22
4	15.0	20025	1717.5	16QAM	75@0	13.390	14.11
4	15.0	20175	1732.5	QPSK	75@0	13.395	14.26
4	15.0	20175	1732.5	16QAM	75@0	13.408	14.18
4	15.0	20325	1747.5	QPSK	75@0	13.398	14.31
4	15.0	20325	1747.5	16QAM	75@0	13.405	14.03
4	10.0	20000	1715.0	QPSK	50@0	8.9247	9.483
4	10.0	20000	1715.0	16QAM	50@0	8.9439	9.383
4	10.0	20175	1732.5	QPSK	50@0	8.9428	9.507
4	10.0	20175	1732.5	16QAM	50@0	8.9357	9.343
4	10.0	20350	1750.0	QPSK	50@0	8.9507	9.506
4	10.0	20350	1750.0	16QAM	50@0	8.9422	9.475
4	5.0	19975	1712.5	QPSK	25@0	4.4564	4.803
4	5.0	19975	1712.5	16QAM	25@0	4.4528	4.847
4	5.0	20175	1732.5	QPSK	25@0	4.4603	4.819
4	5.0	20175	1732.5	16QAM	25@0	4.4649	4.758
4	5.0	20375	1752.5	QPSK	25@0	4.4594	4.810
4	5.0	20375	1752.5	16QAM	25@0	4.4569	4.800
4	3.0	19965	1711.5	QPSK	15@0	2.6779	2.848
4	3.0	19965	1711.5	16QAM	15@0	2.6713	2.832
4	3.0	20175	1732.5	QPSK	15@0	2.6760	2.848
4	3.0	20175	1732.5	16QAM	15@0	2.6737	2.863
4	3.0	20385	1753.5	QPSK	15@0	2.6765	2.843
4	3.0	20385	1753.5	16QAM	15@0	2.6764	2.854
4	1.4	19957	1710.7	QPSK	6@0	1.0759	1.246
4	1.4	19957	1710.7	16QAM	6@0	1.0797	1.228
4	1.4	20175	1732.5	QPSK	6@0	1.0783	1.244
4	1.4	20175	1732.5	16QAM	6@0	1.0791	1.248
4	1.4	20393	1754.3	QPSK	6@0	1.0774	1.216
4	1.4	20393	1754.3	16QAM	6@0	1.0748	1.197

Test Graphs

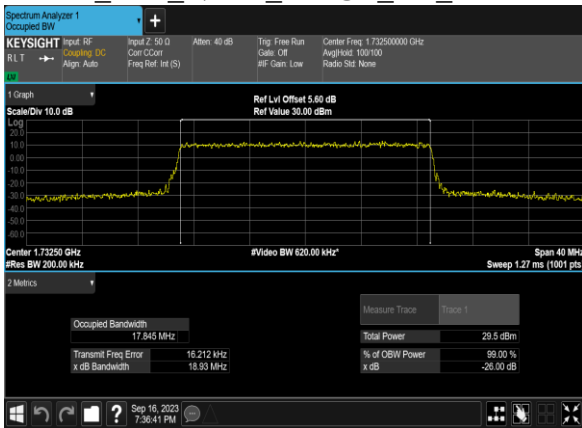
B4_20M_QPSK_100@0_CH_20050



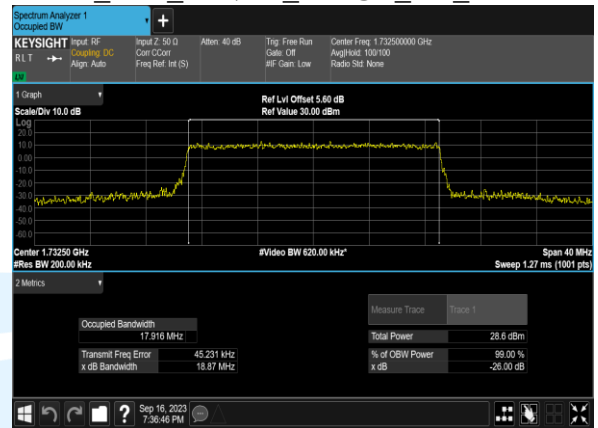
B4_20M_16QAM_100@0_CH_20050



B4_20M_QPSK_100@0_CH_20175



B4_20M_16QAM_100@0_CH_20175



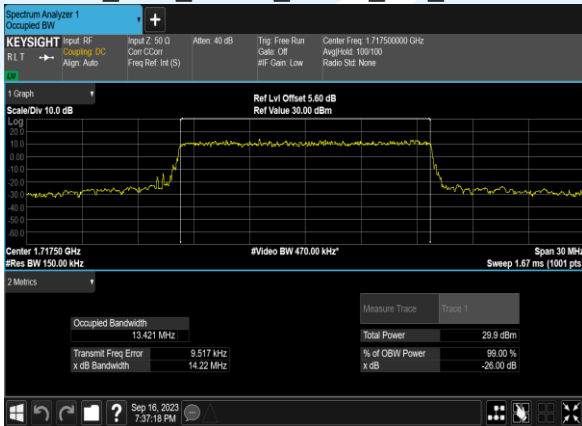
B4_20M_QPSK_100@0_CH_20300



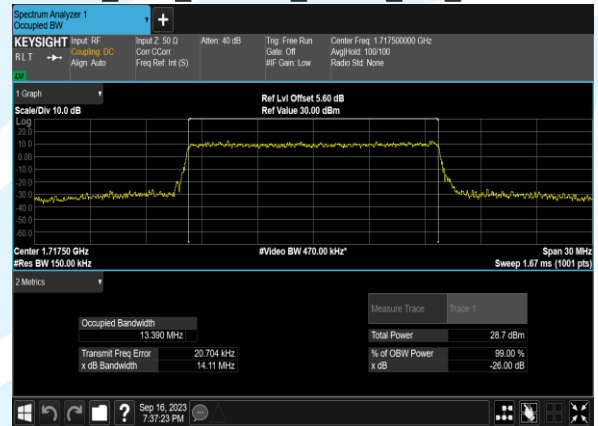
B4_20M_16QAM_100@0_CH_20300



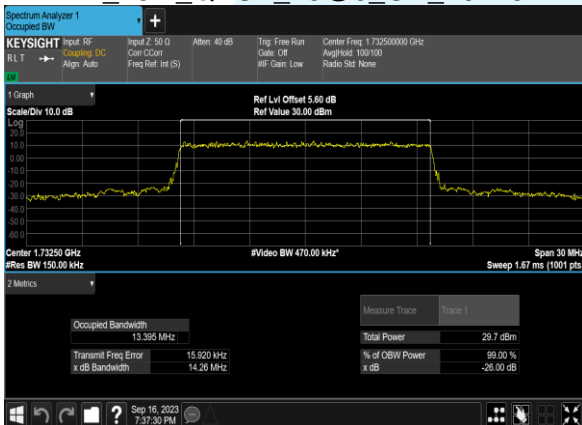
B4_15M_QPSK_75@0_CH_20025



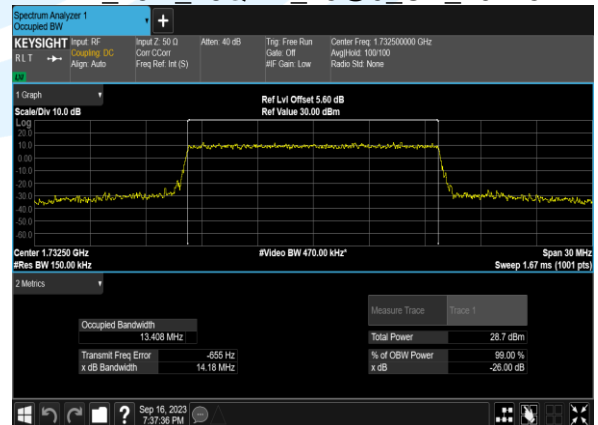
B4_15M_16QAM_75@0_CH_20025



B4_15M_QPSK_75@0_CH_20175



B4_15M_16QAM_75@0_CH_20175



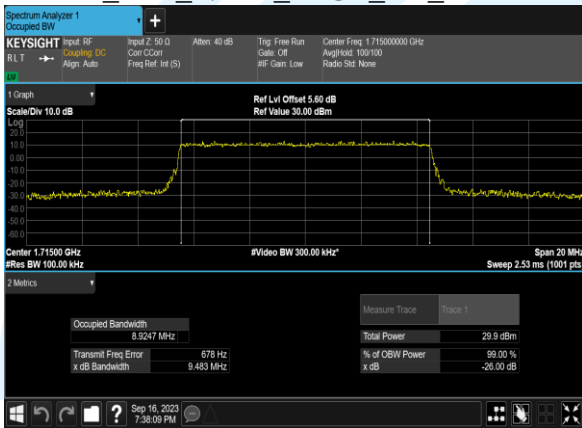
B4_15M_QPSK_75@0_CH_20325



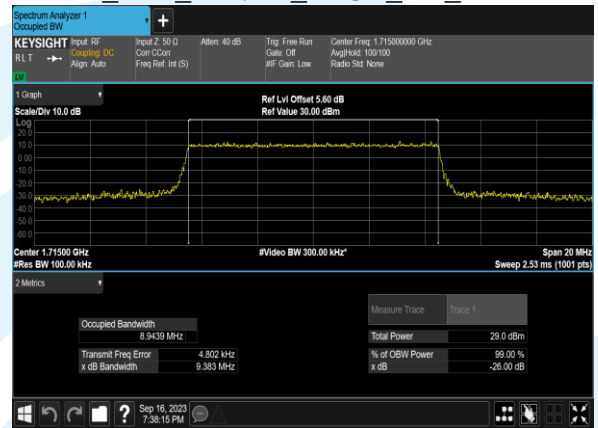
B4_15M_16QAM_75@0_CH_20325



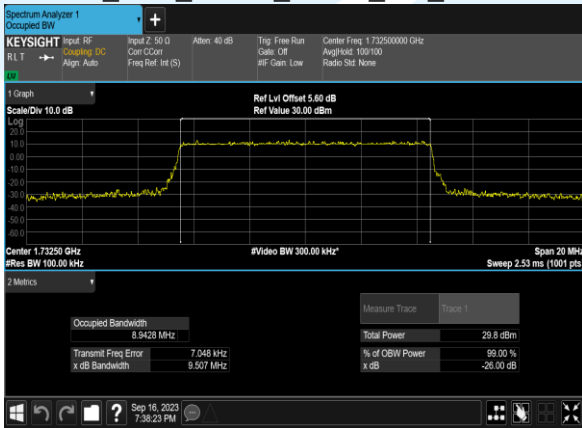
B4_10M_QPSK_50@0_CH_20000



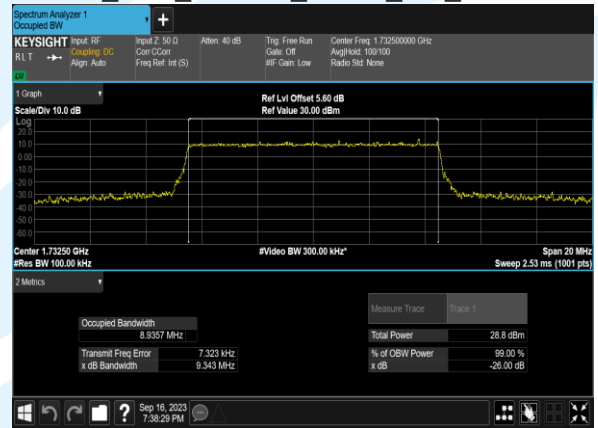
B4_10M_16QAM_50@0_CH_20000



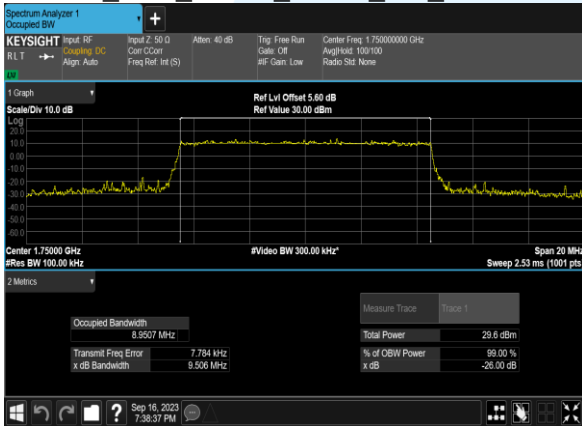
B4_10M_QPSK_50@0_CH_20175



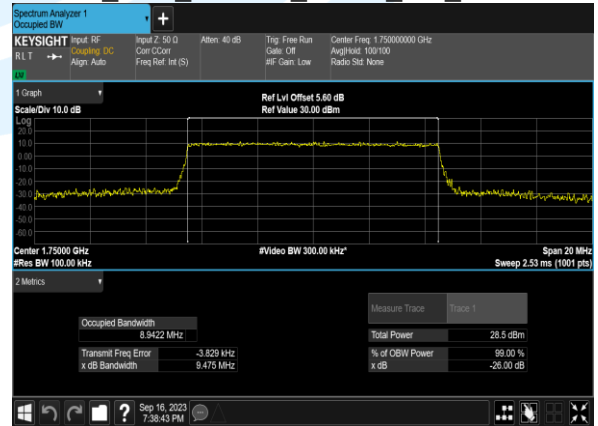
B4_10M_16QAM_50@0_CH_20175



B4_10M_QPSK_50@0_CH_20350



B4_10M_16QAM_50@0_CH_20350



B4_5M_QPSK_25@0_CH_19975



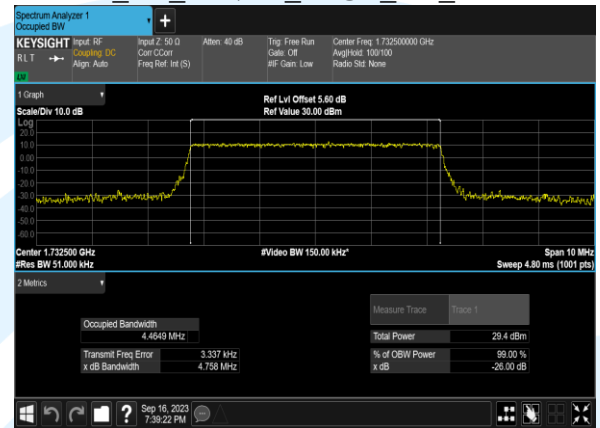
B4_5M_16QAM_25@0_CH_19975



B4_5M_QPSK_25@0_CH_20175



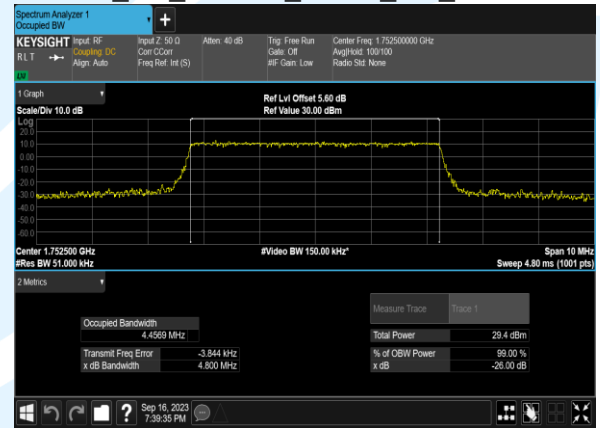
B4_5M_16QAM_25@0_CH_20175



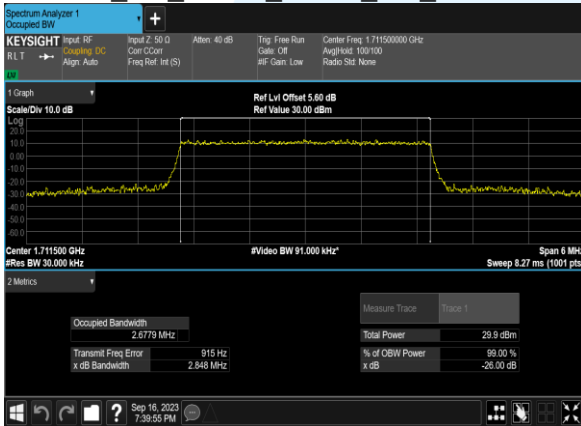
B4_5M_QPSK_25@0_CH_20375



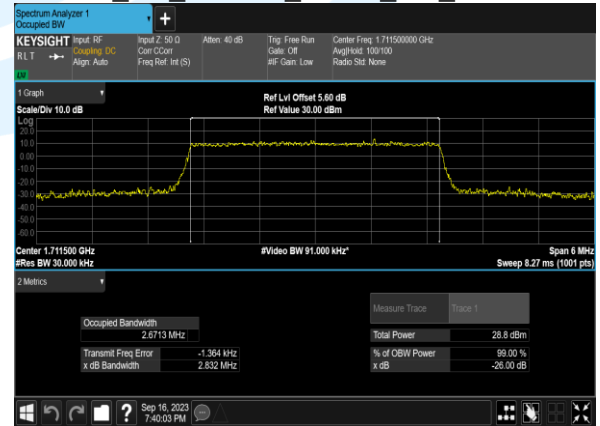
B4_5M_16QAM_25@0_CH_20375



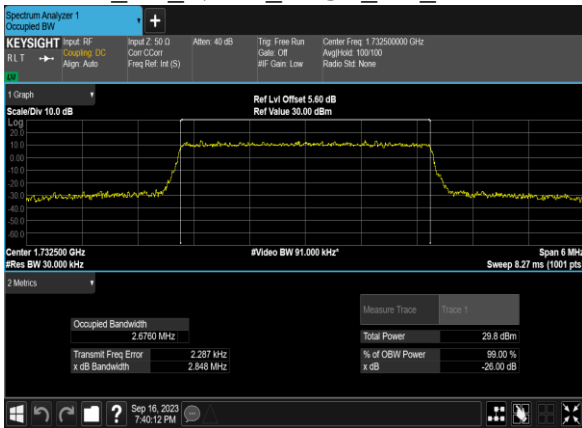
B4_3M_QPSK_15@0_CH_19965



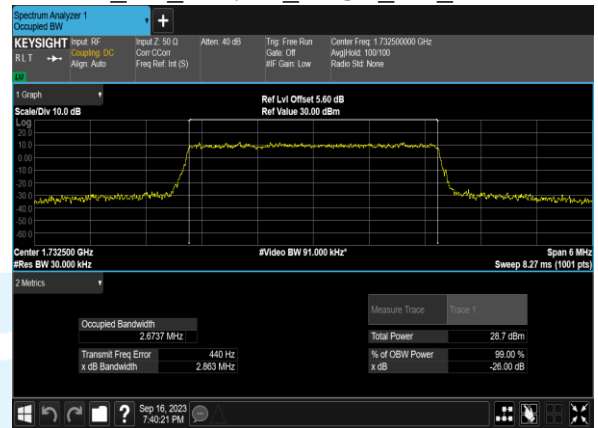
B4_3M_16QAM_15@0_CH_19965



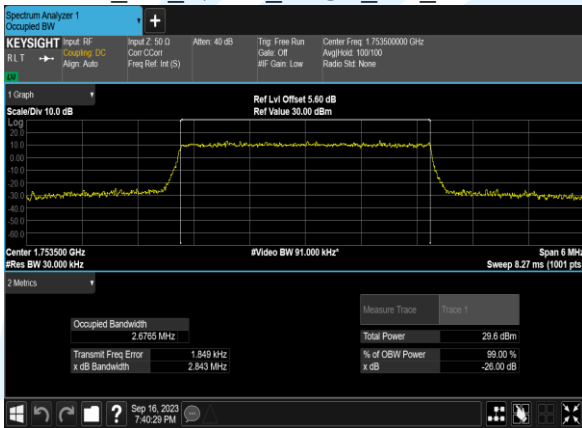
B4_3M_QPSK_15@0_CH_20175



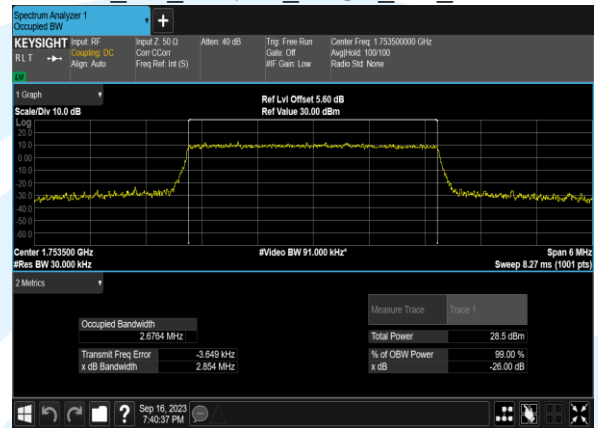
B4_3M_16QAM_15@0_CH_20175



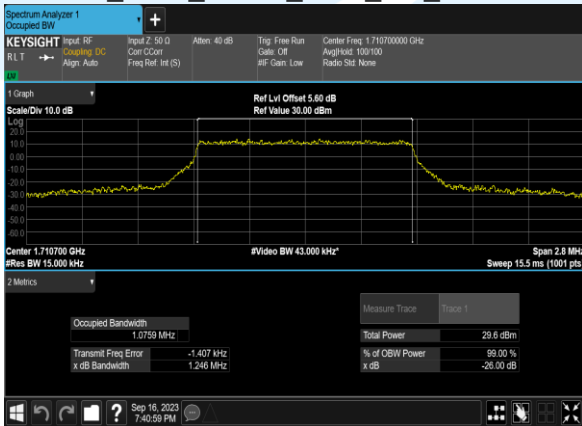
B4_3M_QPSK_15@0_CH_20385



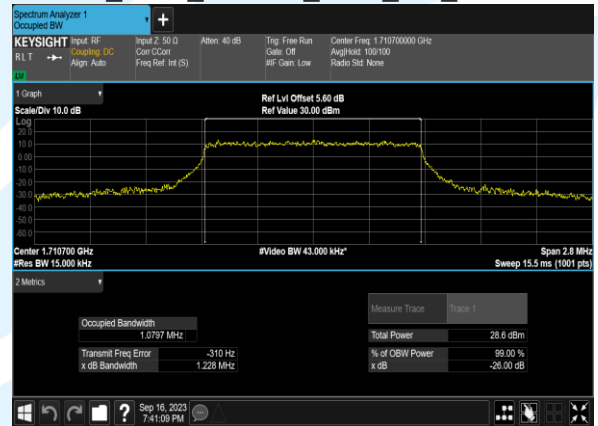
B4_3M_16QAM_15@0_CH_20385



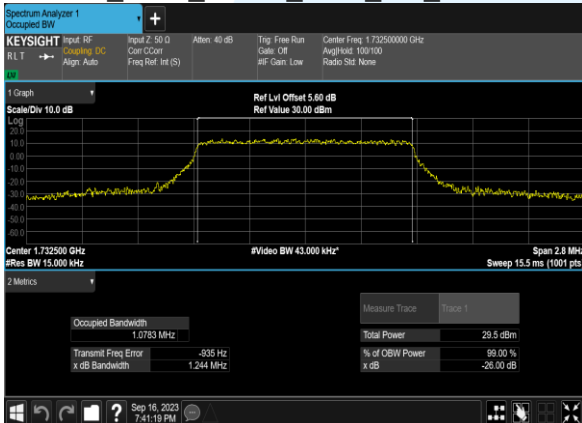
B4_1.4M_QPSK_6@0_CH_19957



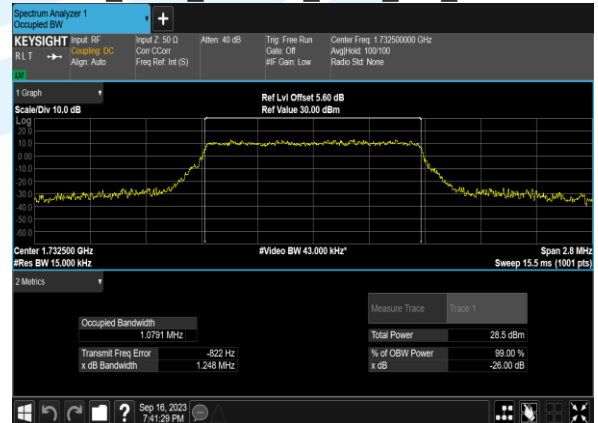
B4_1.4M_16QAM_6@0_CH_19957



B4_1.4M_QPSK_6@0_CH_20175



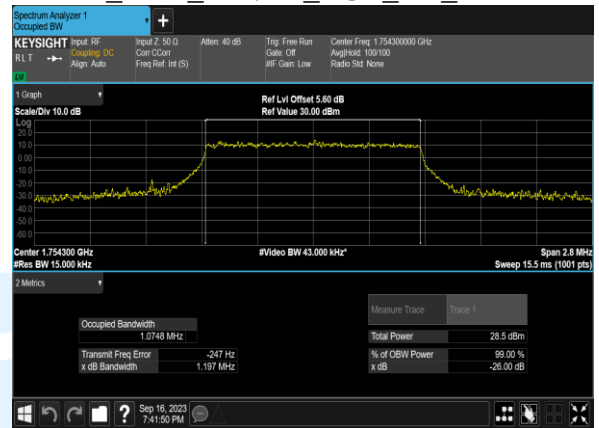
B4_1.4M_16QAM_6@0_CH_20175



B4_1.4M_QPSK_6@0_CH_20393



B4_1.4M_16QAM_6@0_CH_20393



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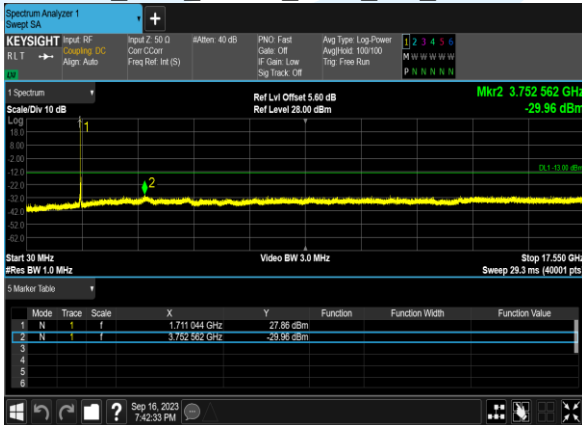
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Conducted Spurious Emissions

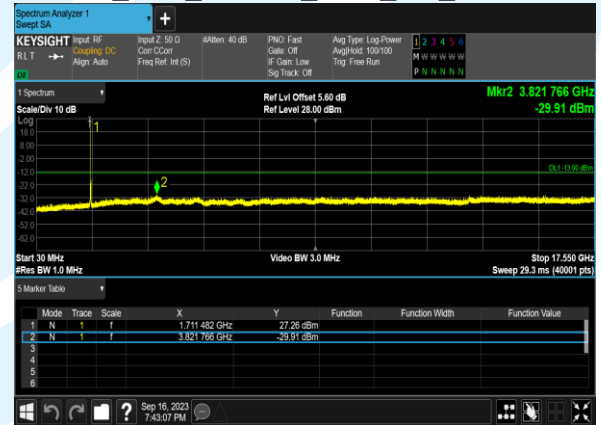
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dBm)	Limit (dBm)	Verdict
4	20.0	20050	1720.0	QPSK	1@0	-29.96	-13	PASS
4	20.0	20050	1720.0	16QAM	1@0	-29.91	-13	PASS
4	20.0	20175	1732.5	QPSK	1@0	-29.4	-13	PASS
4	20.0	20175	1732.5	16QAM	1@0	-29.71	-13	PASS
4	20.0	20300	1745.0	QPSK	1@0	-29.6	-13	PASS
4	20.0	20300	1745.0	16QAM	1@0	-29.82	-13	PASS
4	15.0	20025	1717.5	QPSK	1@0	-29.96	-13	PASS
4	15.0	20025	1717.5	16QAM	1@0	-29.91	-13	PASS
4	15.0	20175	1732.5	QPSK	1@0	-29.96	-13	PASS
4	15.0	20175	1732.5	16QAM	1@0	-30.22	-13	PASS
4	15.0	20325	1747.5	QPSK	1@0	-29.51	-13	PASS
4	15.0	20325	1747.5	16QAM	1@0	-29.28	-13	PASS
4	10.0	20000	1715.0	QPSK	1@0	-30.18	-13	PASS
4	10.0	20000	1715.0	16QAM	1@0	-30.12	-13	PASS
4	10.0	20175	1732.5	QPSK	1@0	-30.23	-13	PASS
4	10.0	20175	1732.5	16QAM	1@0	-30.25	-13	PASS
4	10.0	20350	1750.0	QPSK	1@0	-29.9	-13	PASS
4	10.0	20350	1750.0	16QAM	1@0	-29.81	-13	PASS
4	5.0	19975	1712.5	QPSK	1@0	-30.34	-13	PASS
4	5.0	19975	1712.5	16QAM	1@0	-29.94	-13	PASS
4	5.0	20175	1732.5	QPSK	1@0	-29.65	-13	PASS
4	5.0	20175	1732.5	16QAM	1@0	-29.12	-13	PASS
4	5.0	20375	1752.5	QPSK	1@0	-30.21	-13	PASS
4	5.0	20375	1752.5	16QAM	1@0	-29.85	-13	PASS
4	3.0	19965	1711.5	QPSK	1@0	-29.65	-13	PASS
4	3.0	19965	1711.5	16QAM	1@0	-29.68	-13	PASS
4	3.0	20175	1732.5	QPSK	1@0	-29.51	-13	PASS
4	3.0	20175	1732.5	16QAM	1@0	-29.71	-13	PASS
4	3.0	20385	1753.5	QPSK	1@0	-28.77	-13	PASS
4	3.0	20385	1753.5	16QAM	1@0	-30.01	-13	PASS
4	1.4	19957	1710.7	QPSK	1@0	-29.34	-13	PASS
4	1.4	19957	1710.7	16QAM	1@0	-28.73	-13	PASS
4	1.4	20175	1732.5	QPSK	1@0	-29.99	-13	PASS
4	1.4	20175	1732.5	16QAM	1@0	-29.36	-13	PASS
4	1.4	20393	1754.3	QPSK	1@0	-28.76	-13	PASS
4	1.4	20393	1754.3	16QAM	1@0	-30.23	-13	PASS

Test Graphs

B4_20M_QPSK_1@0_CH_20050



B4_20M_16QAM_1@0_CH_20050



B4_20M_QPSK_1@0_CH_20175



B4_20M_16QAM_1@0_CH_20175



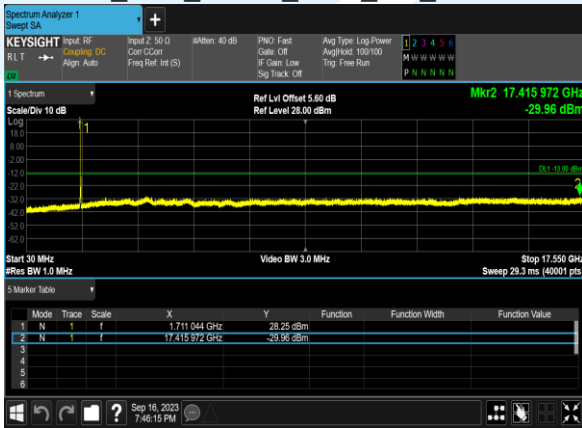
B4_20M_QPSK_1@0_CH_20300



B4_20M_16QAM_1@0_CH_20300



B4_15M_QPSK_1@0_CH_2025



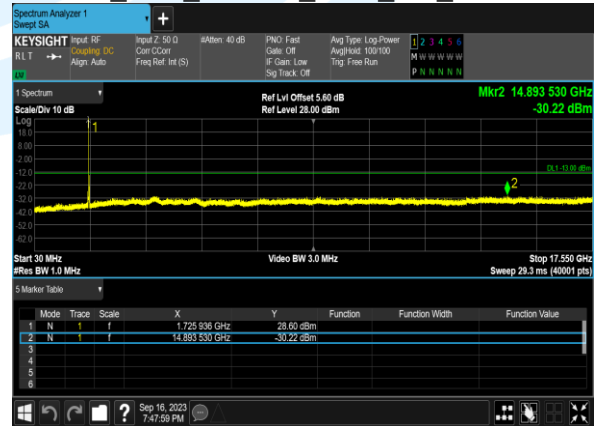
B4_15M_16QAM_1@0_CH_2025



B4_15M_QPSK_1@0_CH_20175



B4_15M_16QAM_1@0_CH_20175



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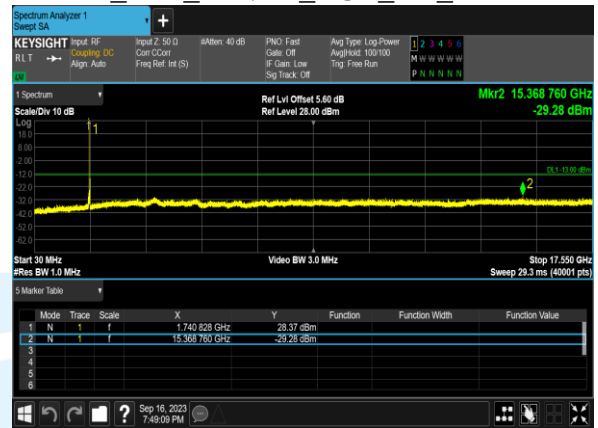
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B4_15M_QPSK_1@0_CH_20325



B4_15M_16QAM_1@0_CH_20325



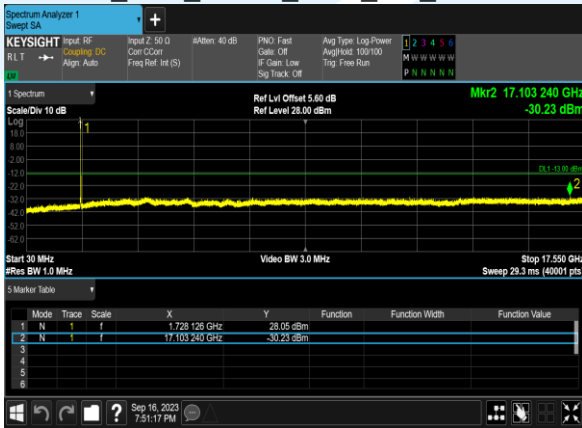
B4_10M_QPSK_1@0_CH_20000



B4_10M_16QAM_1@0_CH_20000



B4_10M_QPSK_1@0_CH_20175



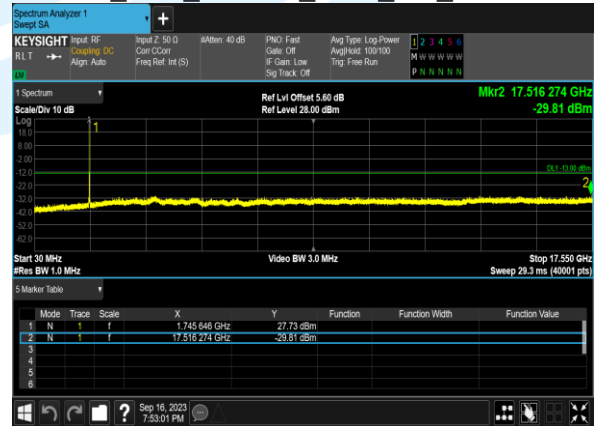
B4_10M_16QAM_1@0_CH_20175



B4_10M_QPSK_1@0_CH_20350



B4_10M_16QAM_1@0_CH_20350



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