

LTE BAND 7

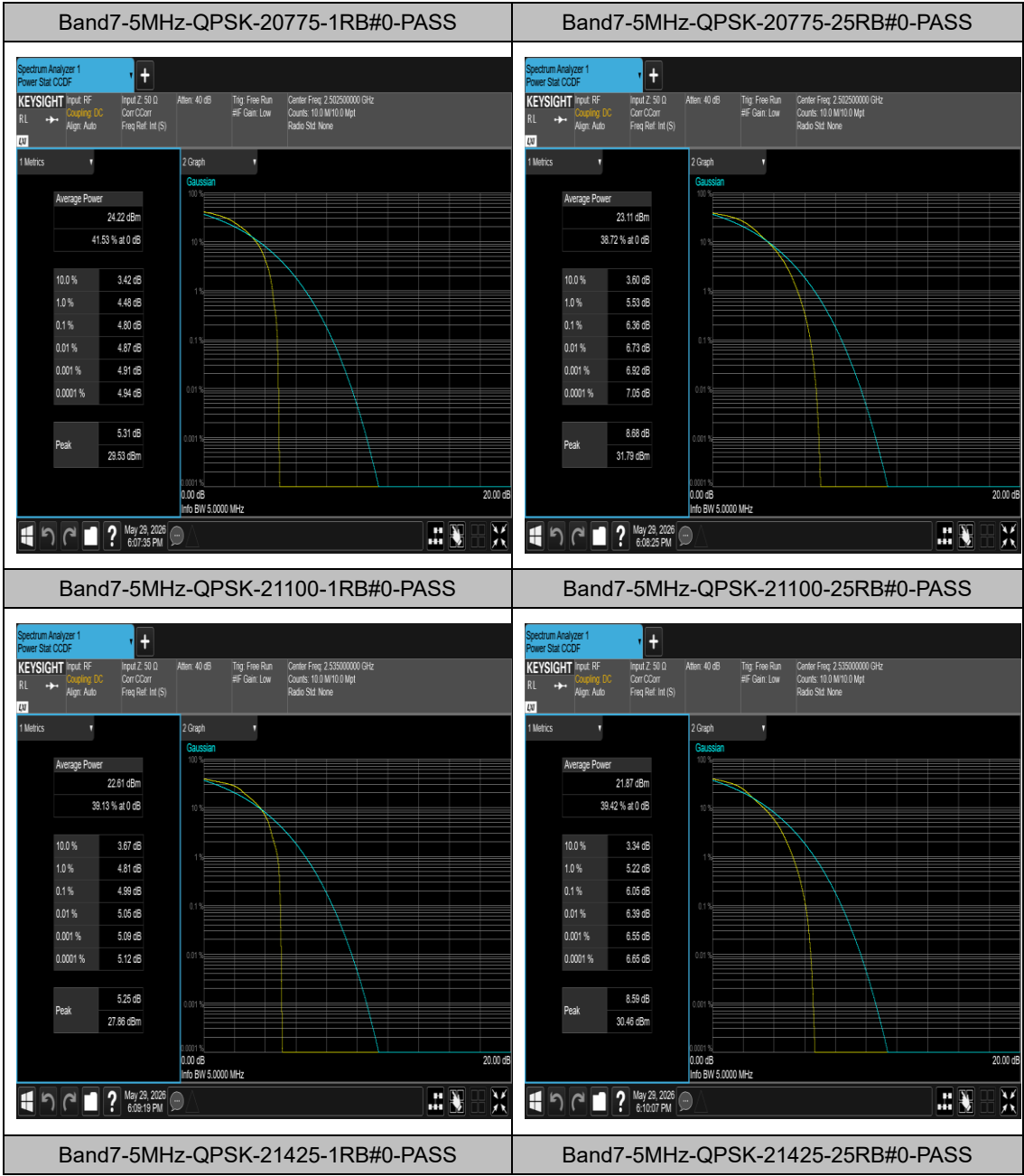
Peak-to-Average Ratio(CCDF)

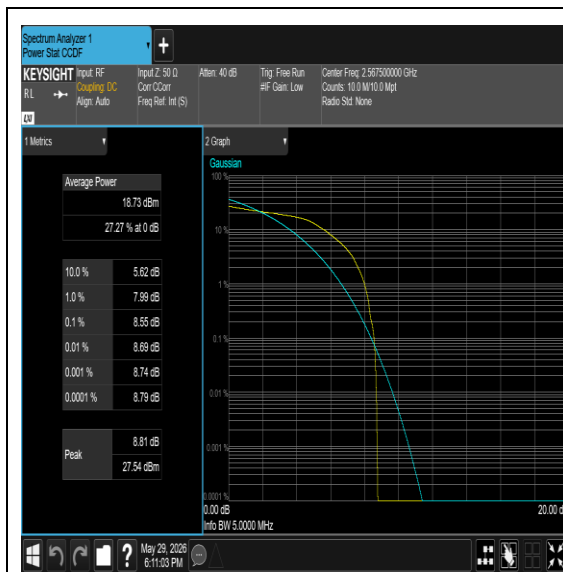
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.80	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	6.36	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.99	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	6.05	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	8.55	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	6.68	13	PASS
Band7	5MHz	64QAM	20775	1RB#0	6.41	13	PASS
Band7	5MHz	64QAM	20775	25RB#0	7.19	13	PASS
Band7	5MHz	64QAM	21100	1RB#0	6.24	13	PASS
Band7	5MHz	64QAM	21100	25RB#0	6.82	13	PASS
Band7	5MHz	64QAM	21425	1RB#0	7.09	13	PASS
Band7	5MHz	64QAM	21425	25RB#0	7.47	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.75	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.90	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.63	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.55	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	6.13	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	7.19	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	5.14	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	6.54	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.09	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	6.07	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	12.43	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	6.74	13	PASS
Band7	10MHz	64QAM	20800	1RB#0	6.45	13	PASS
Band7	10MHz	64QAM	20800	50RB#0	7.43	13	PASS
Band7	10MHz	64QAM	21100	1RB#0	6.44	13	PASS
Band7	10MHz	64QAM	21100	50RB#0	6.89	13	PASS
Band7	10MHz	64QAM	21400	1RB#0	7.36	13	PASS
Band7	10MHz	64QAM	21400	50RB#0	7.62	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.76	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	7.15	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.70	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.56	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.85	13	PASS

Band7	10MHz	16QAM	21400	50RB#0	7.27	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	6.36	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	7.00	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.62	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	6.36	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	11.91	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	7.14	13	PASS
Band7	15MHz	64QAM	20825	1RB#0	6.58	13	PASS
Band7	15MHz	64QAM	20825	75RB#0	7.61	13	PASS
Band7	15MHz	64QAM	21100	1RB#0	6.64	13	PASS
Band7	15MHz	64QAM	21100	75RB#0	7.00	13	PASS
Band7	15MHz	64QAM	21375	1RB#0	7.25	13	PASS
Band7	15MHz	64QAM	21375	75RB#0	7.21	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.74	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	7.47	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.23	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.88	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.72	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	10.14	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.41	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.53	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.36	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	6.18	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	6.01	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	6.72	13	PASS
Band7	20MHz	64QAM	20850	1RB#0	5.01	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	7.44	13	PASS
Band7	20MHz	64QAM	21100	1RB#0	7.04	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.88	13	PASS
Band7	20MHz	64QAM	21350	1RB#0	7.18	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	8.19	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.23	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.24	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	6.35	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.68	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	6.59	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	7.34	13	PASS

Test Graphs

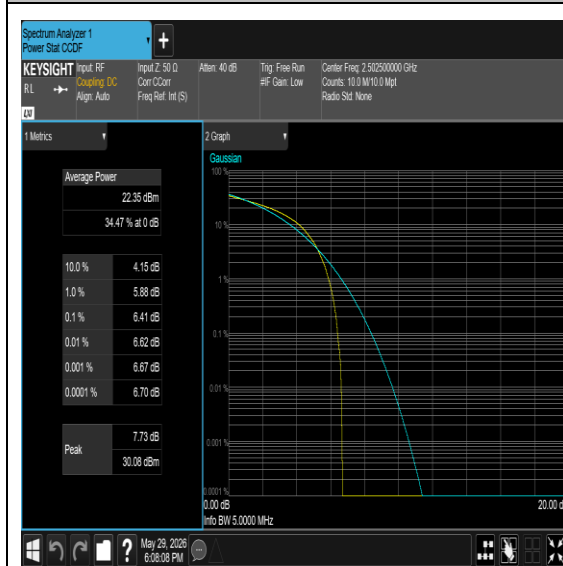




Band7-5MHz-64QAM-20775-1RB#0-PASS



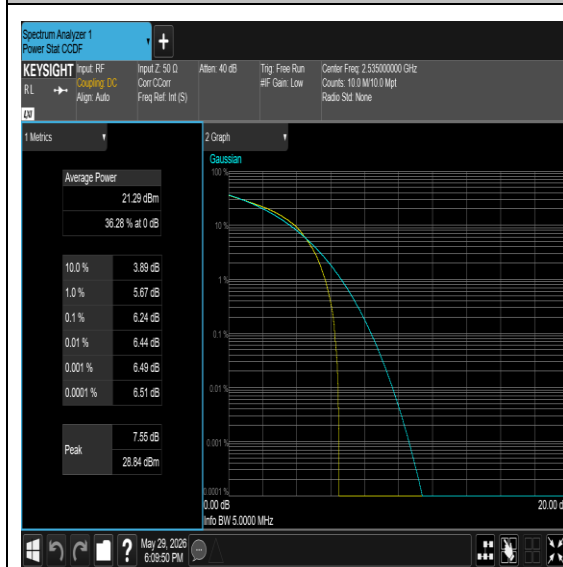
Band7-5MHz-64QAM-20775-25RB#0-PASS



Band7-5MHz-64QAM-21100-1RB#0-PASS



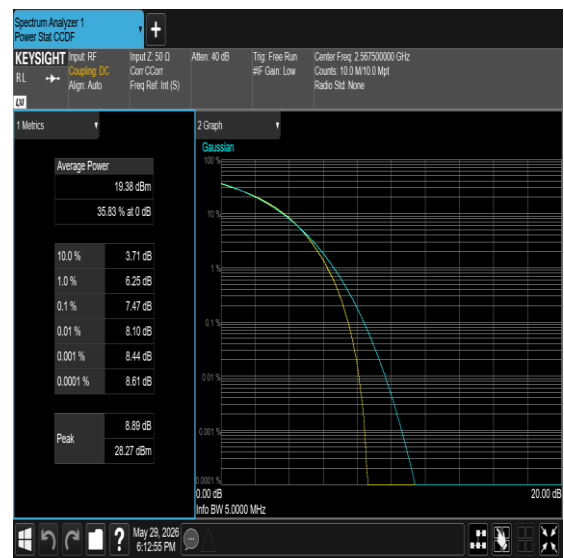
Band7-5MHz-64QAM-21100-25RB#0-PASS



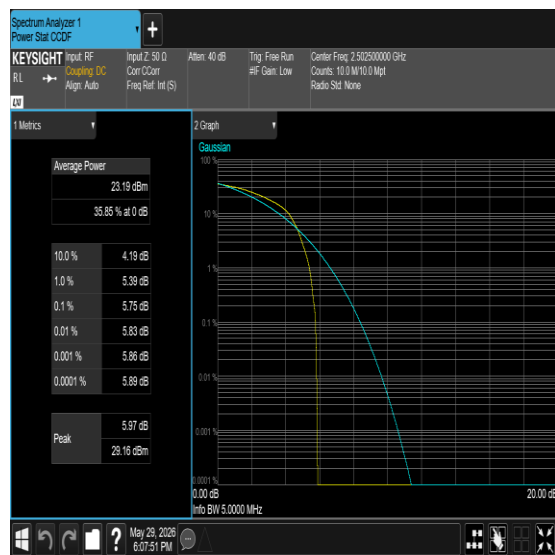
Band7-5MHz-64QAM-21425-1RB#0-PASS



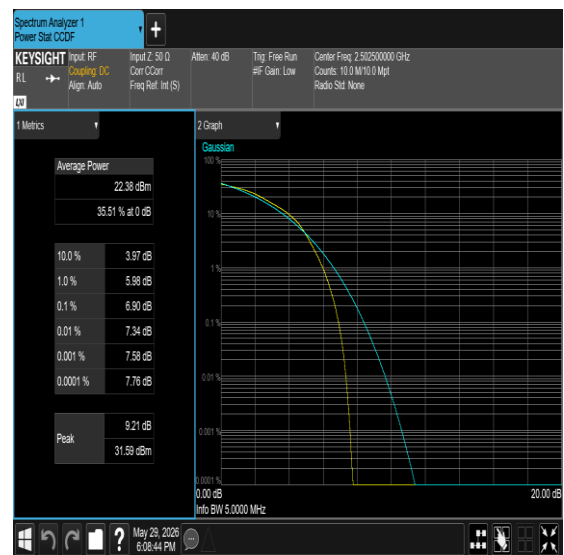
Band7-5MHz-64QAM-21425-25RB#0-PASS



Band7-5MHz-16QAM-20775-1RB#0-PASS



Band7-5MHz-16QAM-20775-25RB#0-PASS

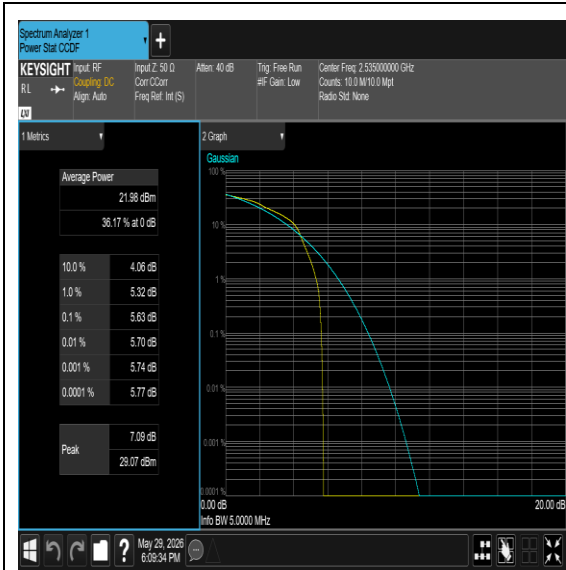


Band7-5MHz-16QAM-21100-1RB#0-PASS

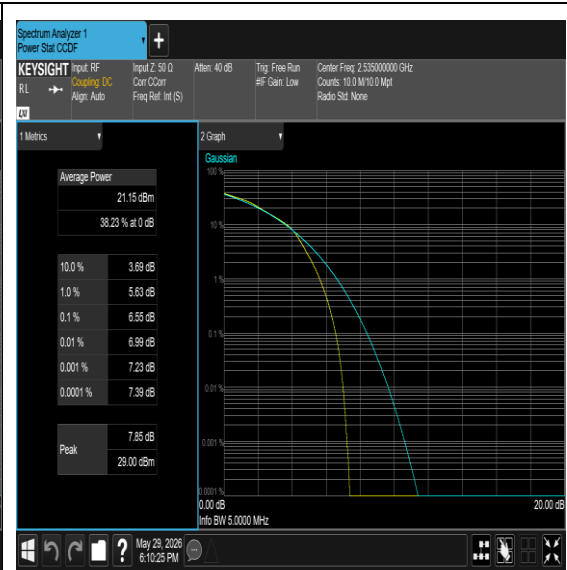


Band7-5MHz-16QAM-21100-25RB#0-PASS





Band7-5MHz-16QAM-21425-1RB#0-PASS



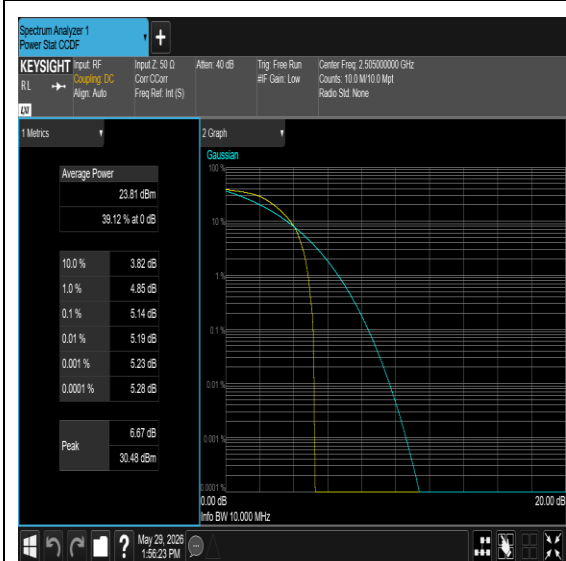
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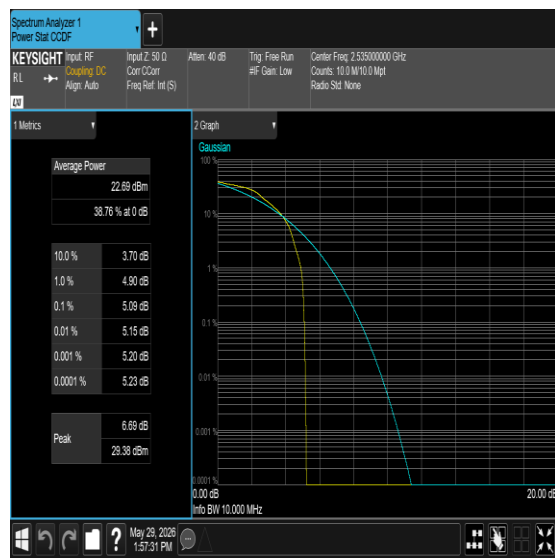
Band7-10MHz-QPSK-20800-1RB#0-PASS



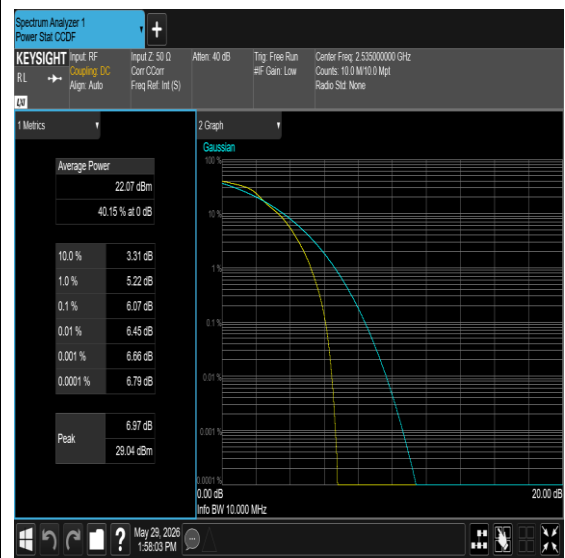
Band7-10MHz-QPSK-20800-50RB#0-PASS



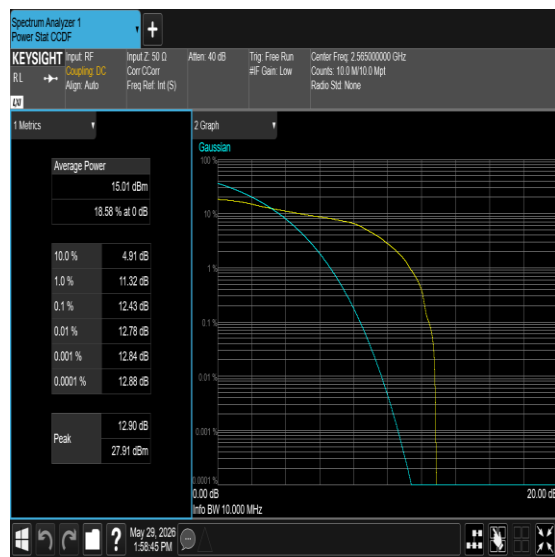
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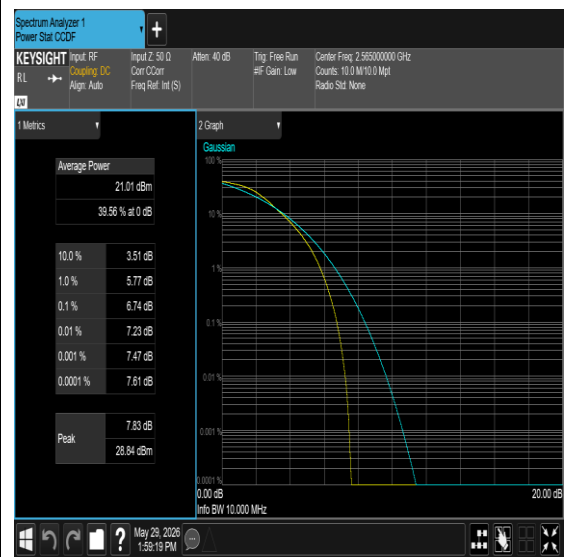
Band7-10MHz-QPSK-21100-50RB#0-PASS



Band7-10MHz-QPSK-21400-1RB#0-PASS



Band7-10MHz-QPSK-21400-50RB#0-PASS



Band7-10MHz-64QAM-20800-1RB#0-PASS

Band7-10MHz-64QAM-20800-50RB#0-PASS



Band7-10MHz-64QAM-21100-1RB#0-PASS



Band7-10MHz-64QAM-21100-50RB#0-PASS



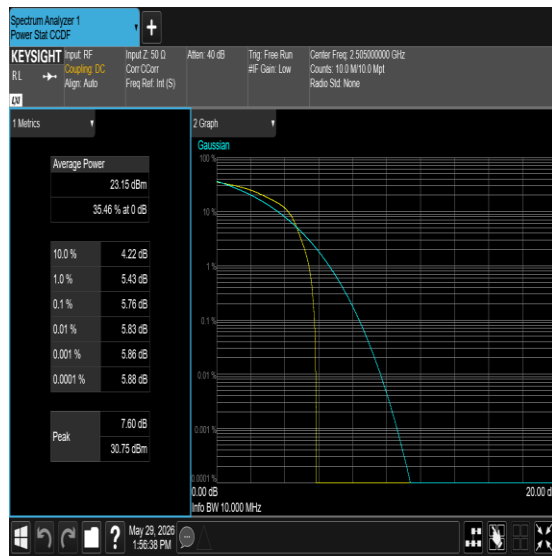
Band7-10MHz-64QAM-21400-1RB#0-PASS



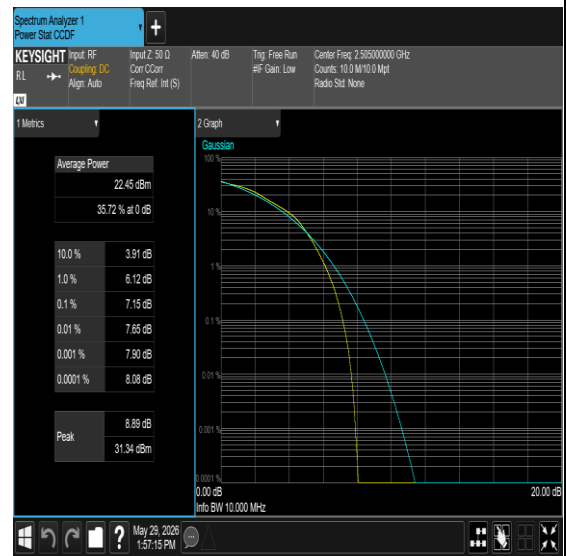
Band7-10MHz-64QAM-21400-50RB#0-PASS



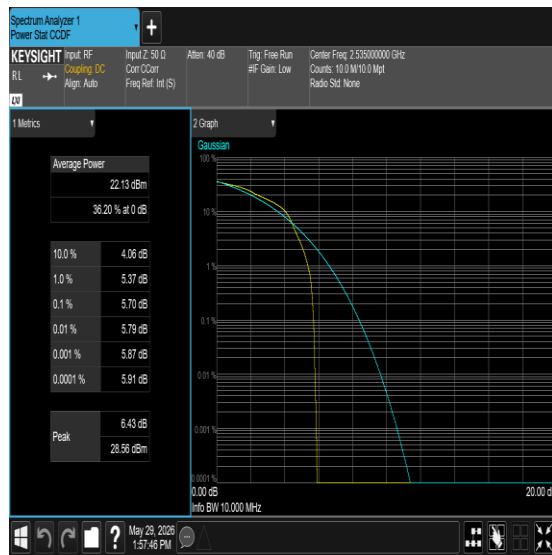
Band7-10MHz-16QAM-20800-1RB#0-PASS



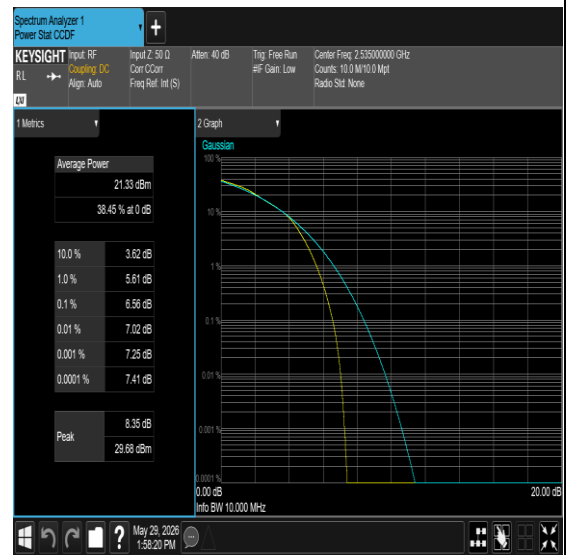
Band7-10MHz-16QAM-20800-50RB#0-PASS



Band7-10MHz-16QAM-21100-1RB#0-PASS

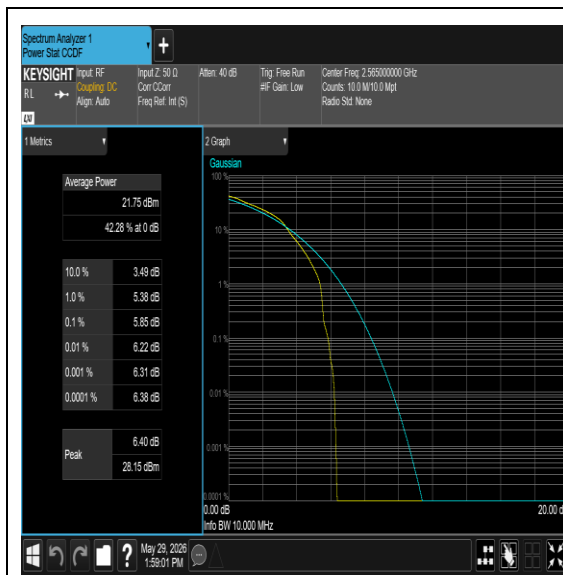


Band7-10MHz-16QAM-21100-50RB#0-PASS



Band7-10MHz-16QAM-21400-1RB#0-PASS

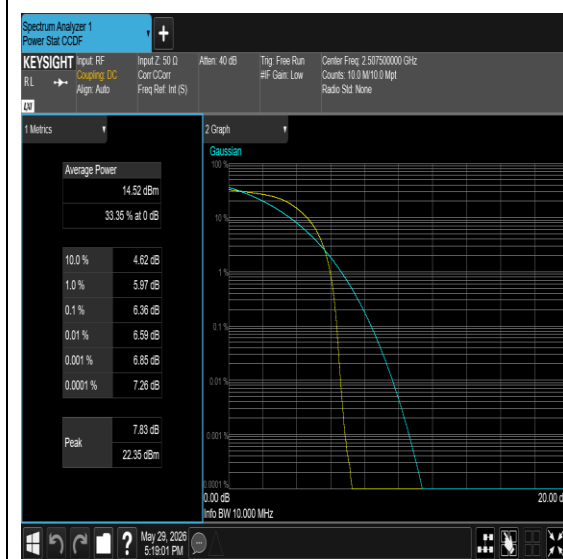
Band7-10MHz-16QAM-21400-50RB#0-PASS



Band7-15MHz-QPSK-20825-1RB#0-PASS



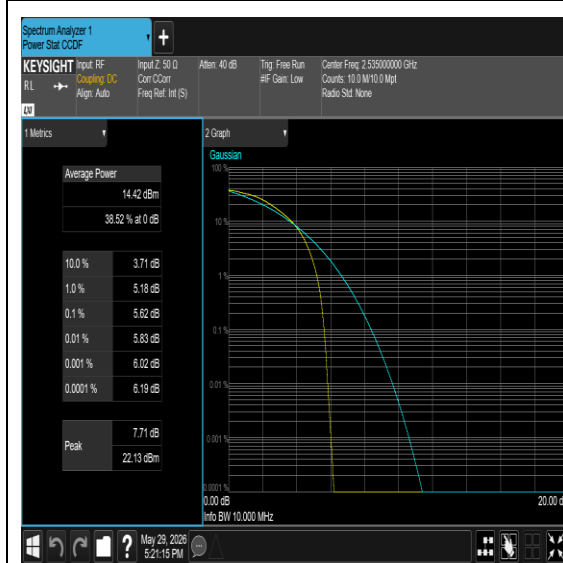
Band7-15MHz-QPSK-20825-75RB#0-PASS



Band7-15MHz-QPSK-21100-1RB#0-PASS



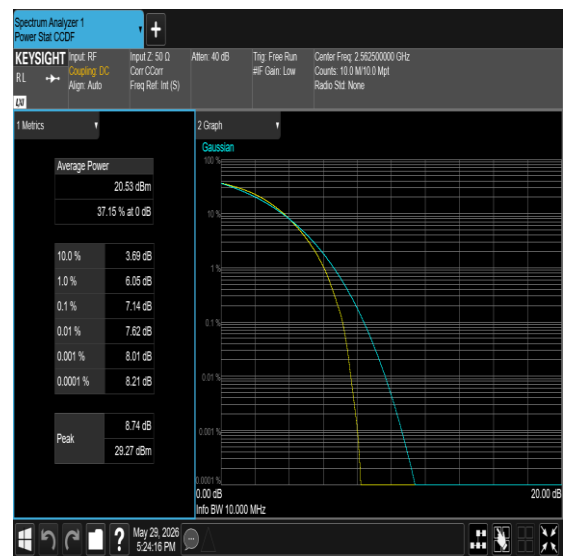
Band7-15MHz-QPSK-21100-75RB#0-PASS



Band7-15MHz-QPSK-21375-1RB#0-PASS



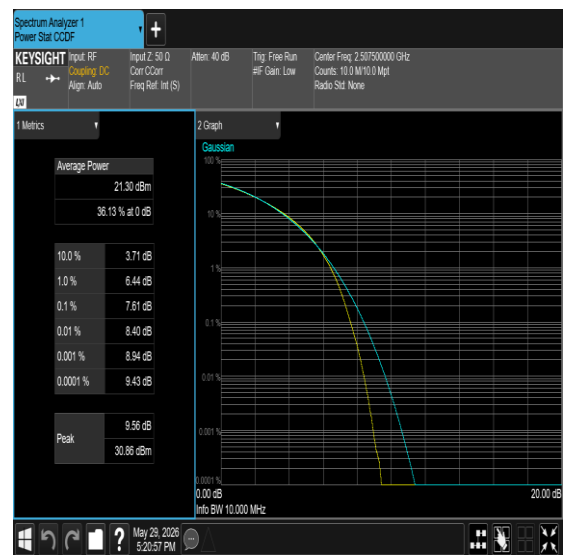
Band7-15MHz-QPSK-21375-75RB#0-PASS



Band7-15MHz-64QAM-20825-1RB#0-PASS

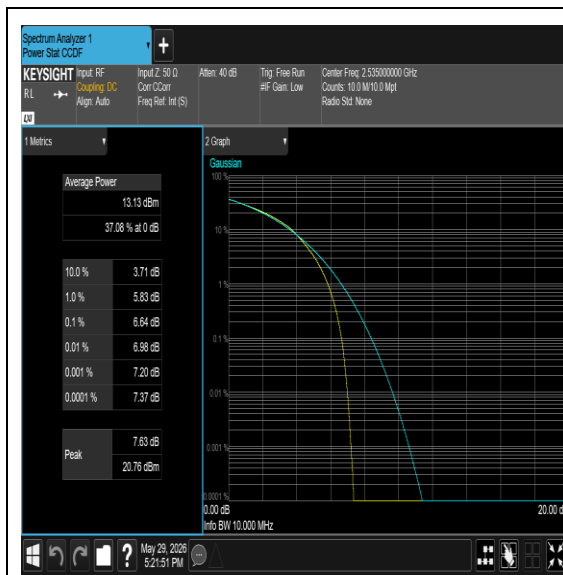


Band7-15MHz-64QAM-20825-75RB#0-PASS



Band7-15MHz-64QAM-21100-1RB#0-PASS

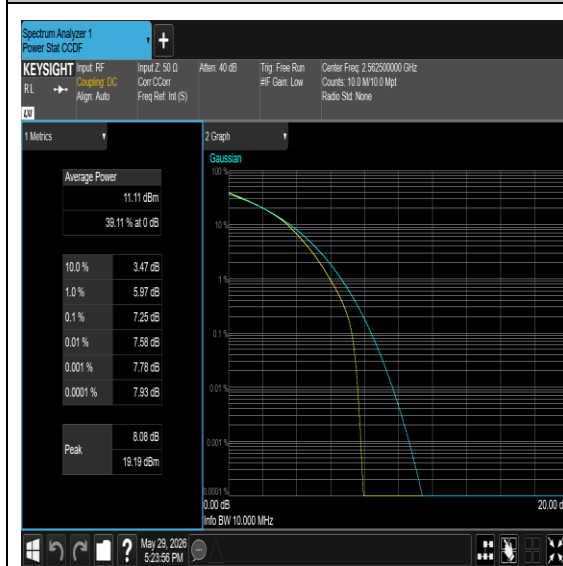
Band7-15MHz-64QAM-21100-75RB#0-PASS



Band7-15MHz-64QAM-21375-1RB#0-PASS



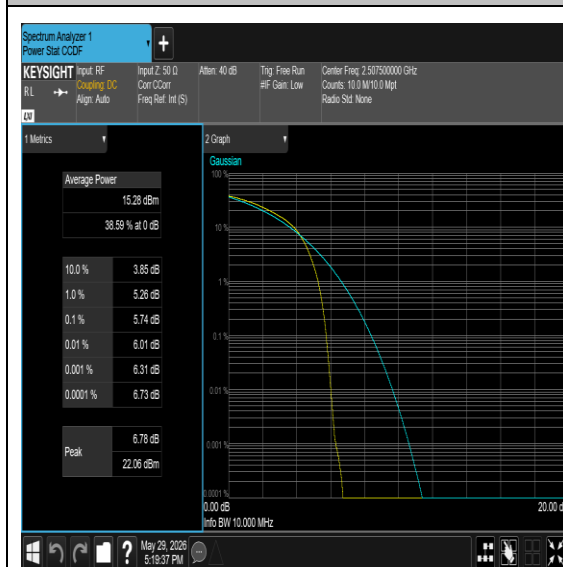
Band7-15MHz-64QAM-21375-75RB#0-PASS



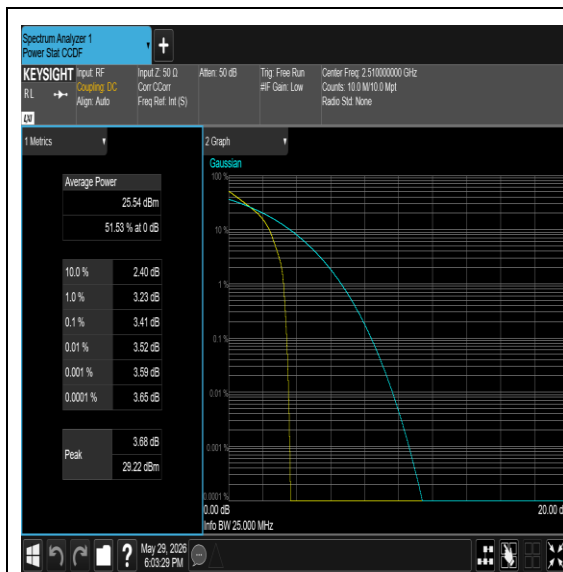
Band7-15MHz-16QAM-20825-1RB#0-PASS



Band7-15MHz-16QAM-20825-75RB#0-PASS







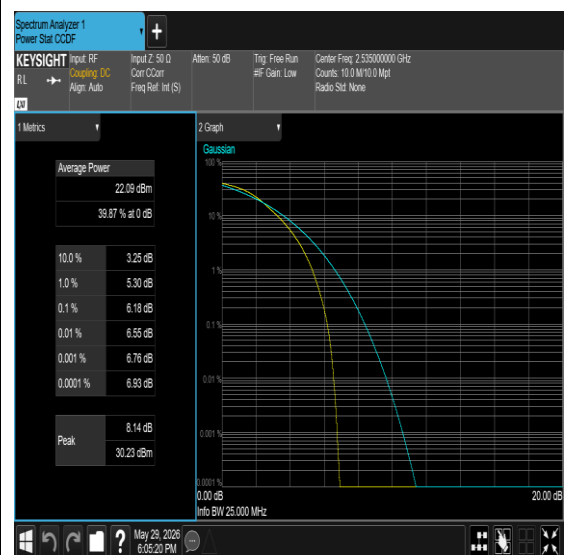
Band7-20MHz-QPSK-21100-1RB#0-PASS



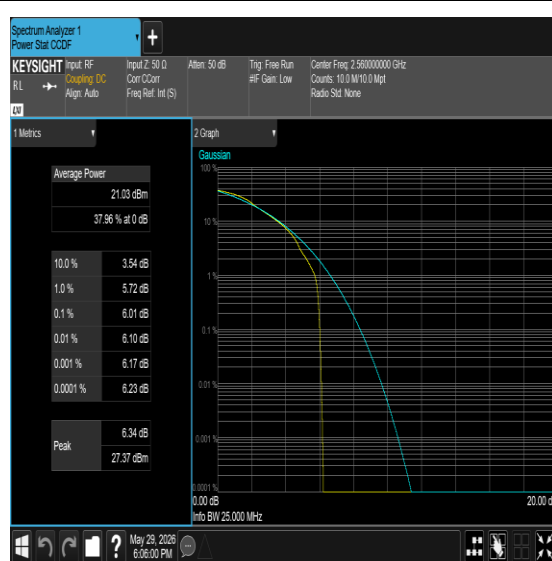
Band7-20MHz-QPSK-21100-100RB#0-PASS

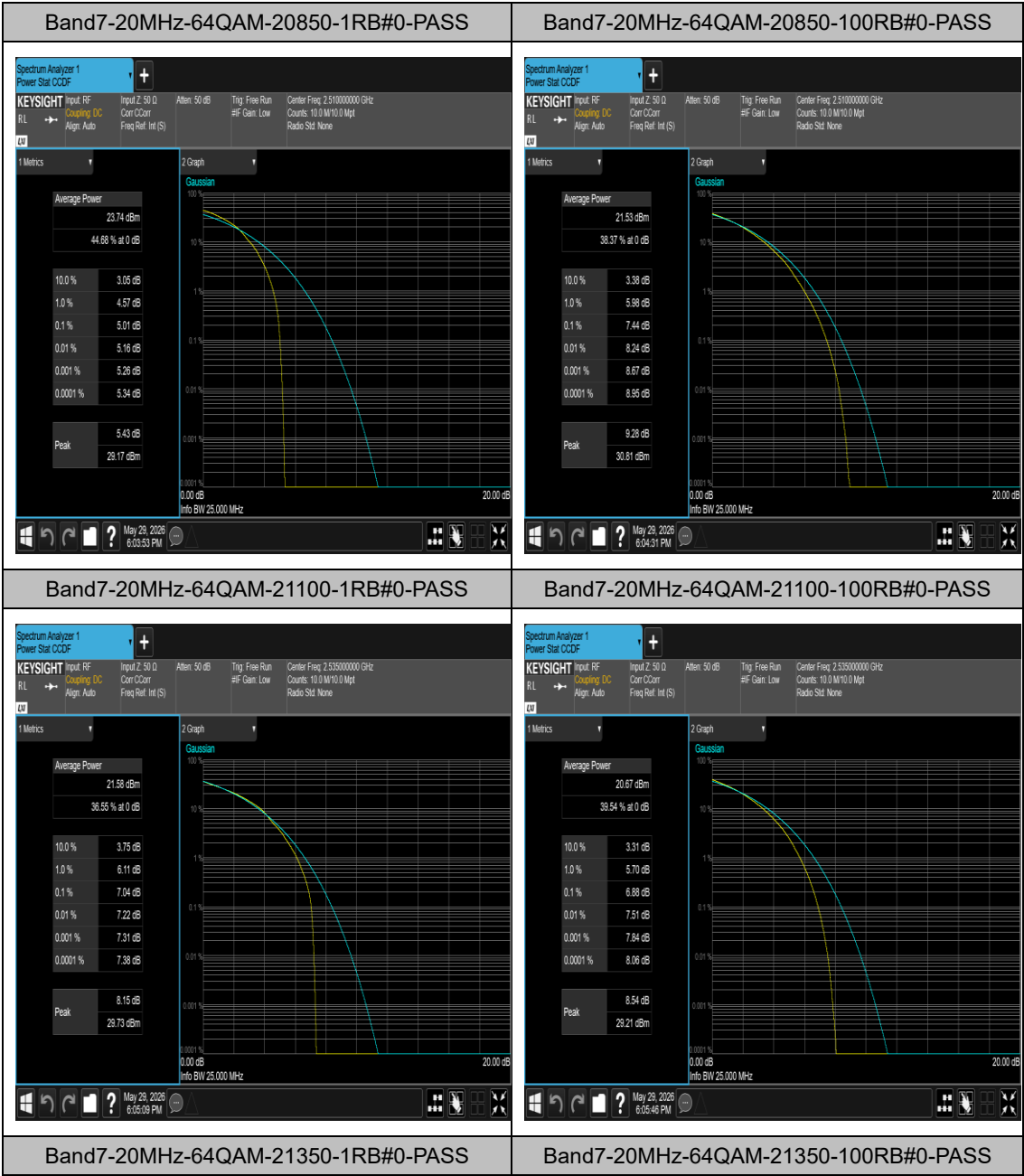


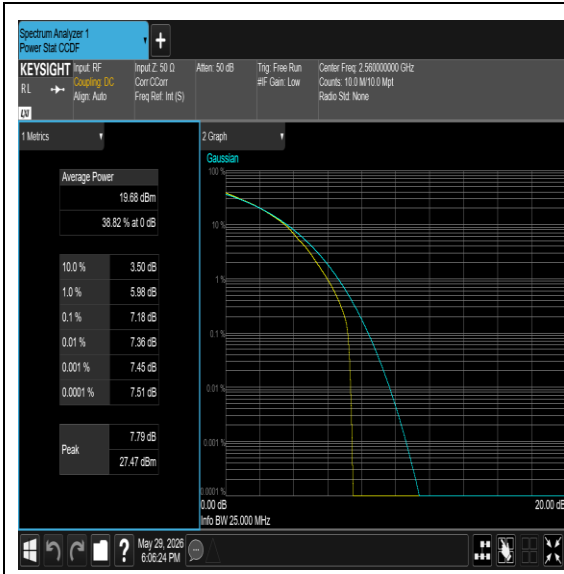
Band7-20MHz-QPSK-21350-1RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



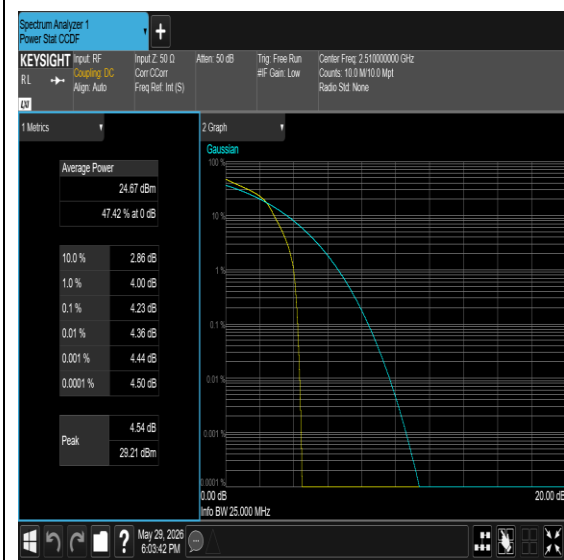




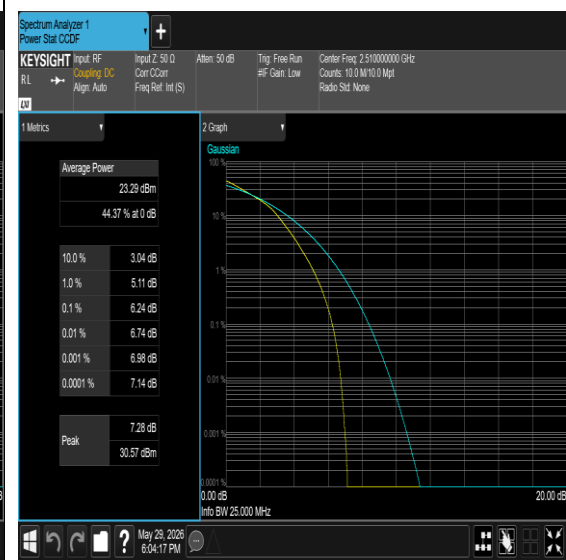
Band7-20MHz-16QAM-20850-1RB#0-PASS



Band7-20MHz-16QAM-20850-100RB#0-PASS

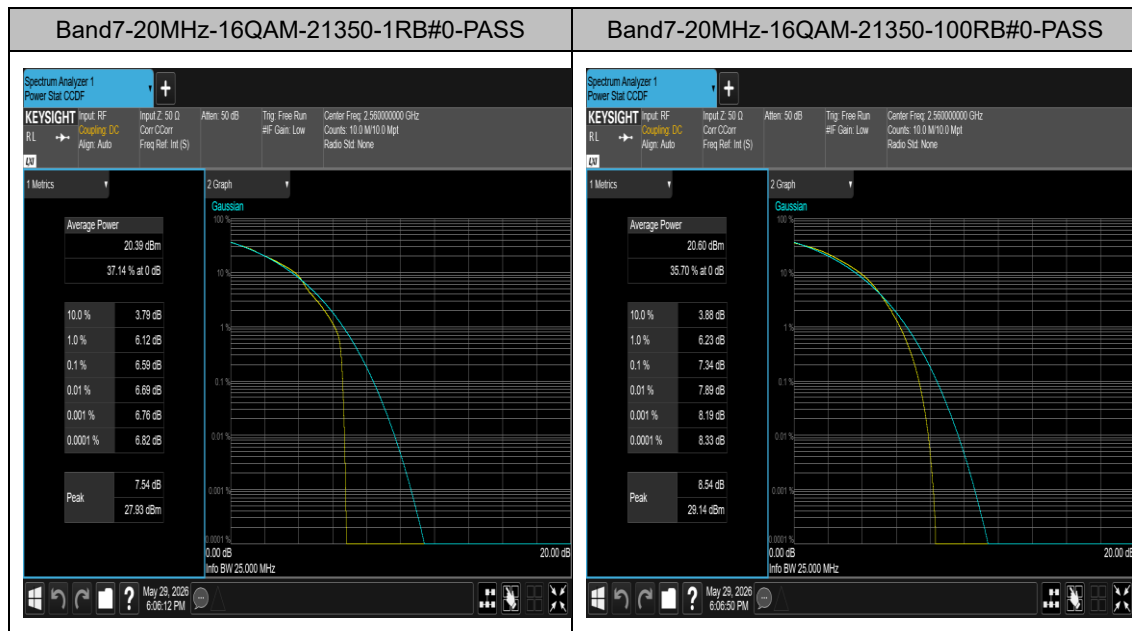


Band7-20MHz-16QAM-21100-1RB#0-PASS



Band7-20MHz-16QAM-21100-100RB#0-PASS





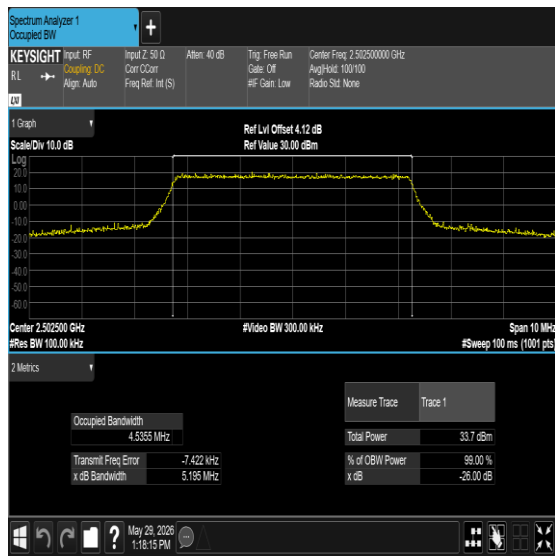
26dB Bandwidth and Occupied Bandwidth

Test Result

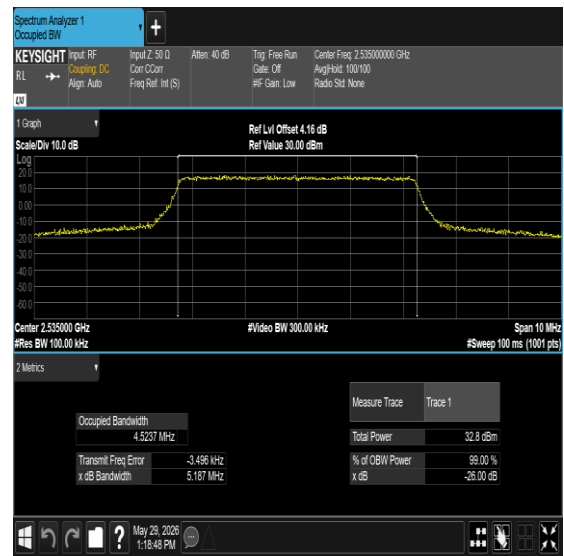
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5355	5.195	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5237	5.187	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5181	5.191	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.5468	5.230	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.5264	5.166	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.5242	5.169	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5242	5.197	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5330	5.204	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5264	5.143	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0357	10.01	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0384	10.12	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9881	10.07	PASS
Band7	10MHz	64QAM	20800	50RB#0	9.0008	9.983	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.9900	9.994	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.9905	10.02	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0178	10.05	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0403	10.77	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0037	10.09	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.514	15.05	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.512	15.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.444	14.96	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.512	15.04	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.510	14.89	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.495	14.91	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.501	14.85	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.454	14.81	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.515	14.98	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.041	19.97	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.953	19.82	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.047	19.82	PASS
Band7	20MHz	64QAM	20850	100RB#0	18.041	19.95	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.925	19.58	PASS
Band7	20MHz	64QAM	21350	100RB#0	18.006	19.83	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.036	19.92	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.956	19.95	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.009	19.79	PASS

Test Graphs

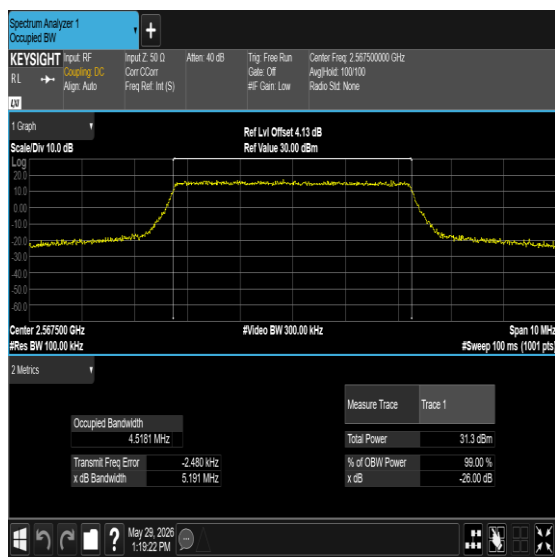
Band7-5MHz-QPSK-20775-25RB#0-PASS



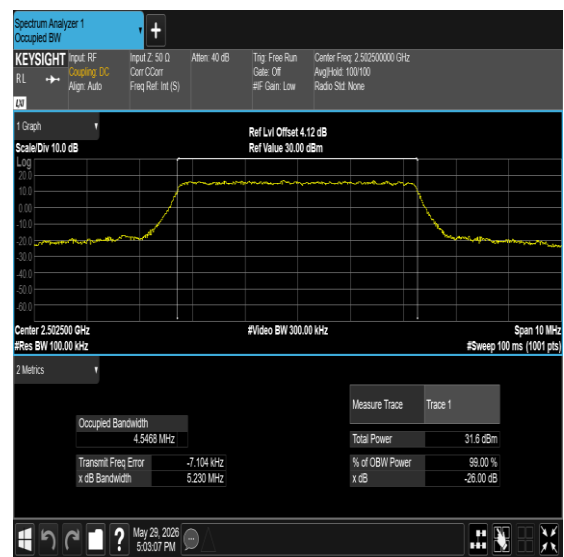
Band7-5MHz-QPSK-21100-25RB#0-PASS



Band7-5MHz-QPSK-21425-25RB#0-PASS

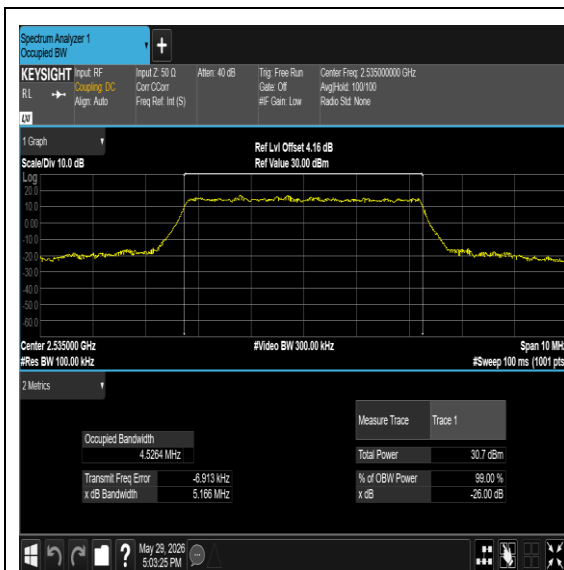


Band7-5MHz-64QAM-20775-25RB#0-PASS

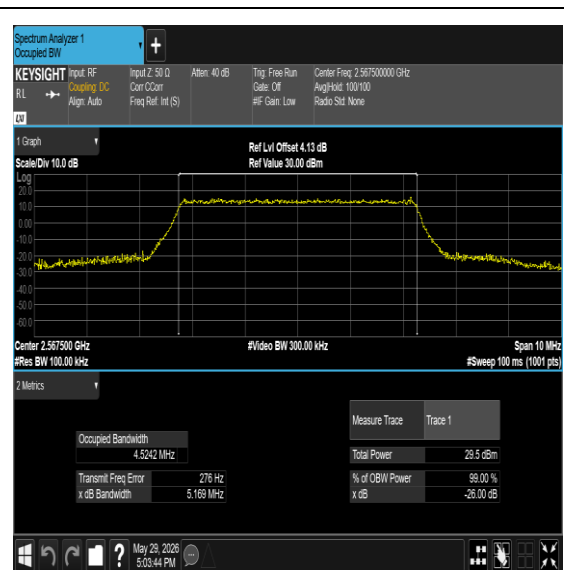


Band7-5MHz-64QAM-21100-25RB#0-PASS

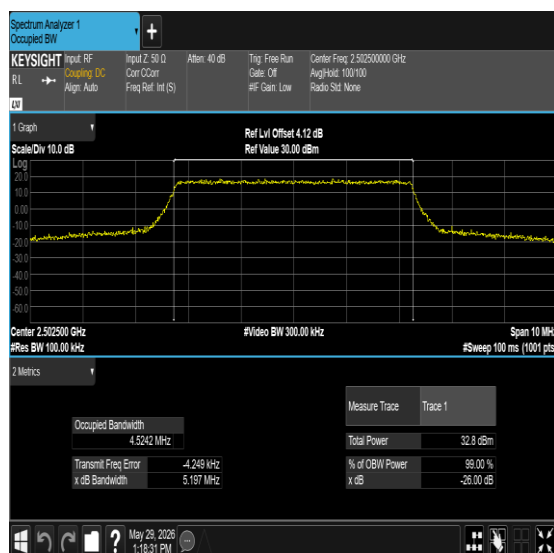
Band7-5MHz-64QAM-21425-25RB#0-PASS



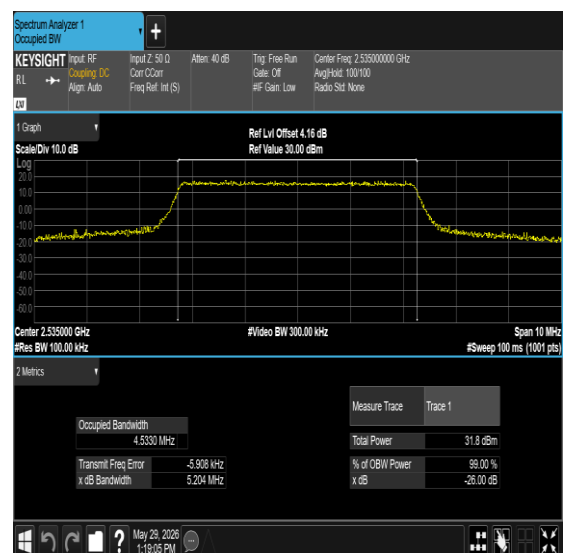
Band7-5MHz-16QAM-20775-25RB#0-PASS



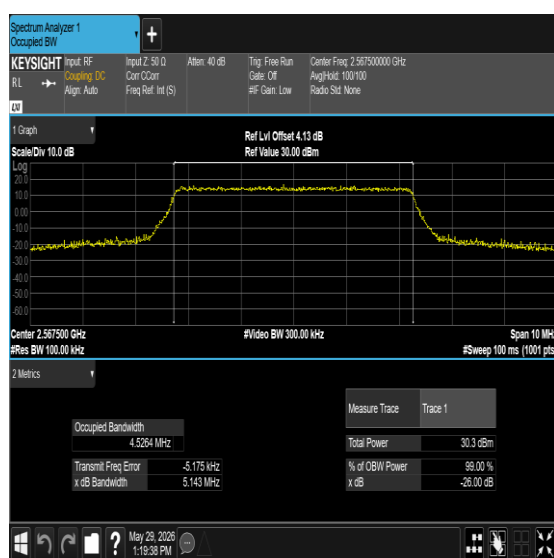
Band7-5MHz-16QAM-21100-25RB#0-PASS

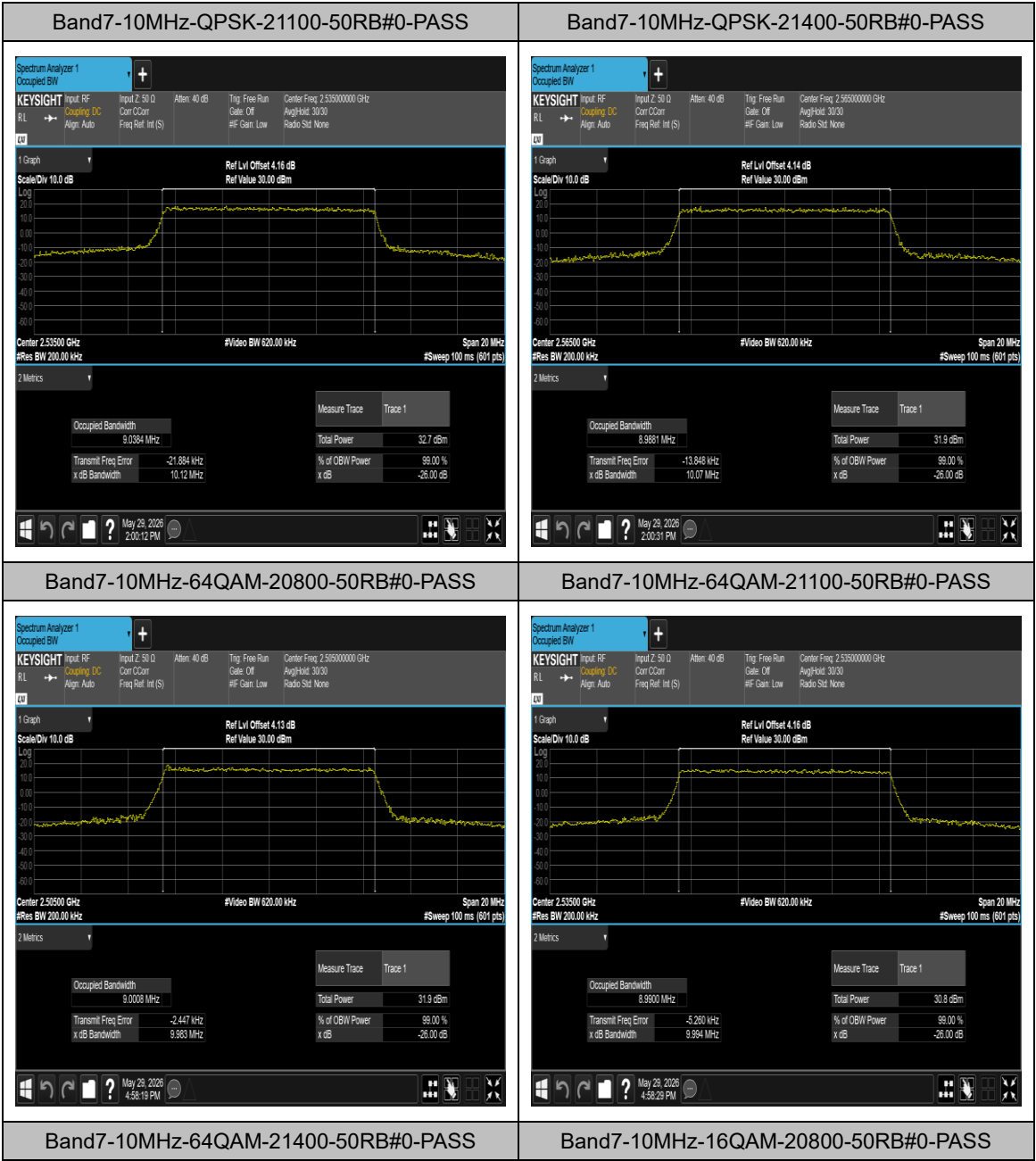


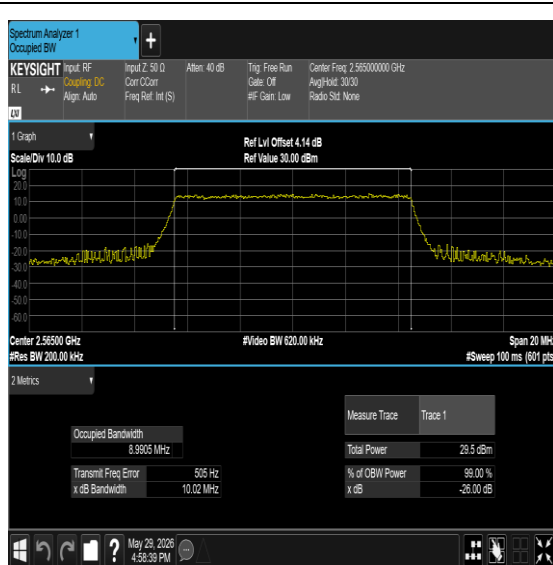
Band7-5MHz-16QAM-21425-25RB#0-PASS



Band7-10MHz-QPSK-20800-50RB#0-PASS







Band7-10MHz-16QAM-21100-50RB#0-PASS



Band7-10MHz-16QAM-21400-50RB#0-PASS



Band7-15MHz-QPSK-20825-75RB#0-PASS



Band7-15MHz-QPSK-21100-75RB#0-PASS

