

Appendix-B LTE Band 7

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	24.3	25.42	33	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.62	24.74	33	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.49	24.61	33	PASS
Band7	5MHz	QPSK	20775	25RB#0	23.11	24.23	33	PASS
Band7	5MHz	QPSK	21100	1RB#0	24.24	25.36	33	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.81	24.93	33	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.81	24.93	33	PASS
Band7	5MHz	QPSK	21100	25RB#0	23.32	24.44	33	PASS
Band7	5MHz	QPSK	21425	1RB#0	24.18	25.3	33	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.82	24.94	33	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.76	24.88	33	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.43	24.55	33	PASS
Band7	5MHz	16QAM	20775	1RB#0	23.52	24.64	33	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.14	24.26	33	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.93	24.05	33	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.18	23.3	33	PASS
Band7	5MHz	16QAM	21100	1RB#0	23.5	24.62	33	PASS
Band7	5MHz	16QAM	21100	1RB#12	23.42	24.54	33	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.54	24.66	33	PASS
Band7	5MHz	16QAM	21100	25RB#0	22.32	23.44	33	PASS
Band7	5MHz	16QAM	21425	1RB#0	23.58	24.7	33	PASS
Band7	5MHz	16QAM	21425	1RB#12	23.64	24.76	33	PASS
Band7	5MHz	16QAM	21425	1RB#24	23.24	24.36	33	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.39	23.51	33	PASS
Band7	5MHz	64QAM	20775	1RB#0	22.08	23.2	33	PASS
Band7	5MHz	64QAM	20775	1RB#12	22.28	23.4	33	PASS
Band7	5MHz	64QAM	20775	1RB#24	22.27	23.39	33	PASS
Band7	5MHz	64QAM	20775	25RB#0	21.09	22.21	33	PASS
Band7	5MHz	64QAM	21100	1RB#0	22.4	23.52	33	PASS
Band7	5MHz	64QAM	21100	1RB#12	22.64	23.76	33	PASS
Band7	5MHz	64QAM	21100	1RB#24	22.25	23.37	33	PASS
Band7	5MHz	64QAM	21100	25RB#0	21.06	22.18	33	PASS
Band7	5MHz	64QAM	21425	1RB#0	22.36	23.48	33	PASS
Band7	5MHz	64QAM	21425	1RB#12	22.27	23.39	33	PASS
Band7	5MHz	64QAM	21425	1RB#24	22.22	23.34	33	PASS
Band7	5MHz	64QAM	21425	25RB#0	21.22	22.34	33	PASS
Band7	5MHz	256QAM	20775	1RB#0	19.35	20.47	33	PASS

Band7	5MHz	256QAM	20775	1RB#12	19.26	20.38	33	PASS
Band7	5MHz	256QAM	20775	1RB#24	19.1	20.22	33	PASS
Band7	5MHz	256QAM	20775	25RB#0	19.13	20.25	33	PASS
Band7	5MHz	256QAM	21100	1RB#0	19.32	20.44	33	PASS
Band7	5MHz	256QAM	21100	1RB#12	19.35	20.47	33	PASS
Band7	5MHz	256QAM	21100	1RB#24	19.04	20.16	33	PASS
Band7	5MHz	256QAM	21100	25RB#0	19.18	20.3	33	PASS
Band7	5MHz	256QAM	21425	1RB#0	19.39	20.51	33	PASS
Band7	5MHz	256QAM	21425	1RB#12	19.5	20.62	33	PASS
Band7	5MHz	256QAM	21425	1RB#24	19.11	20.23	33	PASS
Band7	5MHz	256QAM	21425	25RB#0	19.2	20.32	33	PASS
Band7	10MHz	QPSK	20800	1RB#0	24.28	25.4	33	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.64	24.76	33	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.69	24.81	33	PASS
Band7	10MHz	QPSK	20800	50RB#0	23.2	24.32	33	PASS
Band7	10MHz	QPSK	21100	1RB#0	24.32	25.44	33	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.87	24.99	33	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.76	24.88	33	PASS
Band7	10MHz	QPSK	21100	50RB#0	23.33	24.45	33	PASS
Band7	10MHz	QPSK	21400	1RB#0	24.12	25.24	33	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.85	24.97	33	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.8	24.92	33	PASS
Band7	10MHz	QPSK	21400	50RB#0	23.48	24.6	33	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.33	24.45	33	PASS
Band7	10MHz	16QAM	20800	1RB#24	23.05	24.17	33	PASS
Band7	10MHz	16QAM	20800	1RB#49	23.23	24.35	33	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.09	23.21	33	PASS
Band7	10MHz	16QAM	21100	1RB#0	23.61	24.73	33	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.36	24.48	33	PASS
Band7	10MHz	16QAM	21100	1RB#49	23.49	24.61	33	PASS
Band7	10MHz	16QAM	21100	50RB#0	22.37	23.49	33	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.29	24.41	33	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.32	24.44	33	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.12	24.24	33	PASS
Band7	10MHz	16QAM	21400	50RB#0	22.45	23.57	33	PASS
Band7	10MHz	64QAM	20800	1RB#0	22.23	23.35	33	PASS
Band7	10MHz	64QAM	20800	1RB#24	22.1	23.22	33	PASS
Band7	10MHz	64QAM	20800	1RB#49	22.16	23.28	33	PASS
Band7	10MHz	64QAM	20800	50RB#0	21.11	22.23	33	PASS
Band7	10MHz	64QAM	21100	1RB#0	22.53	23.65	33	PASS
Band7	10MHz	64QAM	21100	1RB#24	22.52	23.64	33	PASS
Band7	10MHz	64QAM	21100	1RB#49	22.44	23.56	33	PASS
Band7	10MHz	64QAM	21100	50RB#0	21.19	22.31	33	PASS
Band7	10MHz	64QAM	21400	1RB#0	22.34	23.46	33	PASS
Band7	10MHz	64QAM	21400	1RB#24	22.21	23.33	33	PASS

Band7	10MHz	64QAM	21400	1RB#49	22.25	23.37	33	PASS
Band7	10MHz	64QAM	21400	50RB#0	21.2	22.32	33	PASS
Band7	10MHz	256QAM	20800	1RB#0	19.28	20.4	33	PASS
Band7	10MHz	256QAM	20800	1RB#24	19.02	20.14	33	PASS
Band7	10MHz	256QAM	20800	1RB#49	19.14	20.26	33	PASS
Band7	10MHz	256QAM	20800	50RB#0	19.08	20.2	33	PASS
Band7	10MHz	256QAM	21100	1RB#0	19.63	20.75	33	PASS
Band7	10MHz	256QAM	21100	1RB#24	19.51	20.63	33	PASS
Band7	10MHz	256QAM	21100	1RB#49	19.37	20.49	33	PASS
Band7	10MHz	256QAM	21100	50RB#0	19.22	20.34	33	PASS
Band7	10MHz	256QAM	21400	1RB#0	19.33	20.45	33	PASS
Band7	10MHz	256QAM	21400	1RB#24	19.26	20.38	33	PASS
Band7	10MHz	256QAM	21400	1RB#49	19.11	20.23	33	PASS
Band7	10MHz	256QAM	21400	50RB#0	19.21	20.33	33	PASS
Band7	15MHz	QPSK	20825	1RB#0	24.07	25.19	33	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.44	24.56	33	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.42	24.54	33	PASS
Band7	15MHz	QPSK	20825	75RB#0	23	24.12	33	PASS
Band7	15MHz	QPSK	21100	1RB#0	24.06	25.18	33	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.66	24.78	33	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.63	24.75	33	PASS
Band7	15MHz	QPSK	21100	75RB#0	23.25	24.37	33	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.99	25.11	33	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.61	24.73	33	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.57	24.69	33	PASS
Band7	15MHz	QPSK	21375	75RB#0	23.33	24.45	33	PASS
Band7	15MHz	16QAM	20825	1RB#0	23.33	24.45	33	PASS
Band7	15MHz	16QAM	20825	1RB#38	23	24.12	33	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.89	24.01	33	PASS
Band7	15MHz	16QAM	20825	75RB#0	22.04	23.16	33	PASS
Band7	15MHz	16QAM	21100	1RB#0	23.38	24.5	33	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.29	24.41	33	PASS
Band7	15MHz	16QAM	21100	1RB#74	23.4	24.52	33	PASS
Band7	15MHz	16QAM	21100	75RB#0	22.18	23.3	33	PASS
Band7	15MHz	16QAM	21375	1RB#0	23.51	24.63	33	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.06	24.18	33	PASS
Band7	15MHz	16QAM	21375	1RB#74	23.14	24.26	33	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.19	23.31	33	PASS
Band7	15MHz	64QAM	20825	1RB#0	22.14	23.26	33	PASS
Band7	15MHz	64QAM	20825	1RB#38	22.26	23.38	33	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.9	23.02	33	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.99	22.11	33	PASS
Band7	15MHz	64QAM	21100	1RB#0	22.22	23.34	33	PASS
Band7	15MHz	64QAM	21100	1RB#38	22.45	23.57	33	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.94	23.06	33	PASS

Band7	15MHz	64QAM	21100	75RB#0	21.04	22.16	33	PASS
Band7	15MHz	64QAM	21375	1RB#0	22.07	23.19	33	PASS
Band7	15MHz	64QAM	21375	1RB#38	22.14	23.26	33	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.99	23.11	33	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.96	22.08	33	PASS
Band7	15MHz	256QAM	20825	1RB#0	19.09	20.21	33	PASS
Band7	15MHz	256QAM	20825	1RB#38	19.07	20.19	33	PASS
Band7	15MHz	256QAM	20825	1RB#74	19.18	20.3	33	PASS
Band7	15MHz	256QAM	20825	75RB#0	19.03	20.15	33	PASS
Band7	15MHz	256QAM	21100	1RB#0	19.01	20.13	33	PASS
Band7	15MHz	256QAM	21100	1RB#38	18.99	20.11	33	PASS
Band7	15MHz	256QAM	21100	1RB#74	19.12	20.24	33	PASS
Band7	15MHz	256QAM	21100	75RB#0	19.09	20.21	33	PASS
Band7	15MHz	256QAM	21375	1RB#0	19.01	20.13	33	PASS
Band7	15MHz	256QAM	21375	1RB#38	18.96	20.08	33	PASS
Band7	15MHz	256QAM	21375	1RB#74	19.17	20.29	33	PASS
Band7	15MHz	256QAM	21375	75RB#0	19.06	20.18	33	PASS
Band7	20MHz	QPSK	20850	1RB#0	24.03	25.15	33	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.46	24.58	33	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.53	24.65	33	PASS
Band7	20MHz	QPSK	20850	100RB#0	23.1	24.22	33	PASS
Band7	20MHz	QPSK	21100	1RB#0	24.23	25.35	33	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.69	24.81	33	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.71	24.83	33	PASS
Band7	20MHz	QPSK	21100	100RB#0	23.25	24.37	33	PASS
Band7	20MHz	QPSK	21350	1RB#0	24.01	25.13	33	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.62	24.74	33	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.47	24.59	33	PASS
Band7	20MHz	QPSK	21350	100RB#0	23.3	24.42	33	PASS
Band7	20MHz	16QAM	20850	1RB#0	23.37	24.49	33	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.95	24.07	33	PASS
Band7	20MHz	16QAM	20850	1RB#99	23.13	24.25	33	PASS
Band7	20MHz	16QAM	20850	100RB#0	22.03	23.15	33	PASS
Band7	20MHz	16QAM	21100	1RB#0	23.48	24.6	33	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.03	24.15	33	PASS
Band7	20MHz	16QAM	21100	1RB#99	23.35	24.47	33	PASS
Band7	20MHz	16QAM	21100	100RB#0	22.23	23.35	33	PASS
Band7	20MHz	16QAM	21350	1RB#0	23.11	24.23	33	PASS
Band7	20MHz	16QAM	21350	1RB#49	23.1	24.22	33	PASS
Band7	20MHz	16QAM	21350	1RB#99	23.04	24.16	33	PASS
Band7	20MHz	16QAM	21350	100RB#0	22.21	23.33	33	PASS
Band7	20MHz	64QAM	20850	1RB#0	22.1	23.22	33	PASS
Band7	20MHz	64QAM	20850	1RB#49	22.37	23.49	33	PASS
Band7	20MHz	64QAM	20850	1RB#99	22.14	23.26	33	PASS
Band7	20MHz	64QAM	20850	100RB#0	21.03	22.15	33	PASS

Band7	20MHz	64QAM	21100	1RB#0	22.13	23.25	33	PASS
Band7	20MHz	64QAM	21100	1RB#49	22.55	23.67	33	PASS
Band7	20MHz	64QAM	21100	1RB#99	22.3	23.42	33	PASS
Band7	20MHz	64QAM	21100	100RB#0	21	22.12	33	PASS
Band7	20MHz	64QAM	21350	1RB#0	22.09	23.21	33	PASS
Band7	20MHz	64QAM	21350	1RB#49	22.09	23.21	33	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.94	23.06	33	PASS
Band7	20MHz	64QAM	21350	100RB#0	21.06	22.18	33	PASS
Band7	20MHz	256QAM	20850	1RB#0	19.23	20.35	33	PASS
Band7	20MHz	256QAM	20850	1RB#49	18.82	19.94	33	PASS
Band7	20MHz	256QAM	20850	1RB#99	19.36	20.48	33	PASS
Band7	20MHz	256QAM	20850	100RB#0	19.04	20.16	33	PASS
Band7	20MHz	256QAM	21100	1RB#0	19.05	20.17	33	PASS
Band7	20MHz	256QAM	21100	1RB#49	18.94	20.06	33	PASS
Band7	20MHz	256QAM	21100	1RB#99	19.08	20.2	33	PASS
Band7	20MHz	256QAM	21100	100RB#0	19.13	20.25	33	PASS
Band7	20MHz	256QAM	21350	1RB#0	19.12	20.24	33	PASS
Band7	20MHz	256QAM	21350	1RB#49	19.17	20.29	33	PASS
Band7	20MHz	256QAM	21350	1RB#99	19.28	20.4	33	PASS
Band7	20MHz	256QAM	21350	100RB#0	19.01	20.13	33	PASS

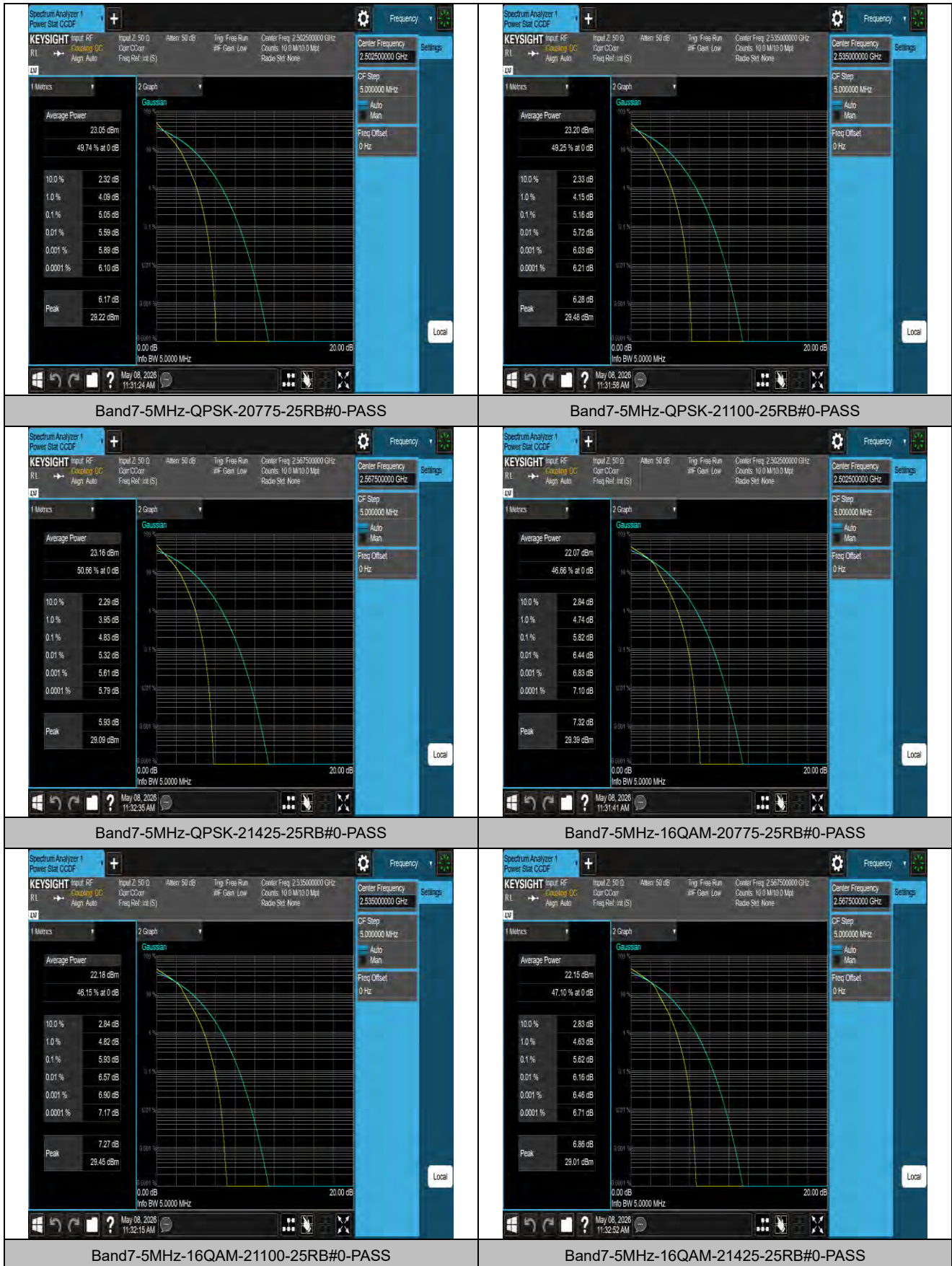
Peak-to-Average Ratio(CCDF)

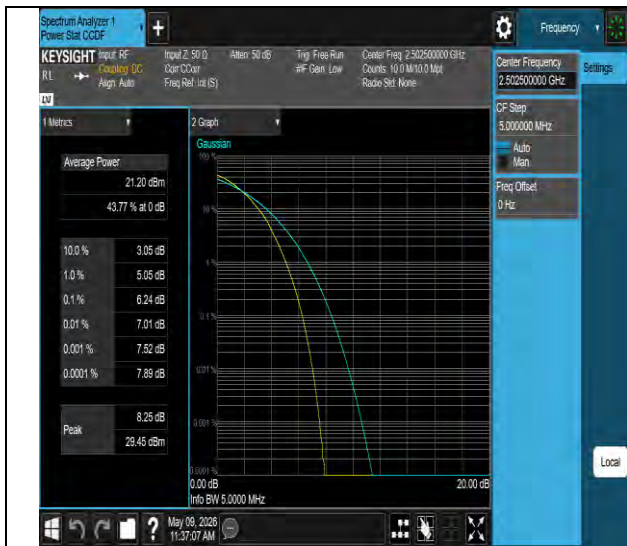
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.05	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.16	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.83	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.82	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.93	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.62	13	PASS
Band7	5MHz	64QAM	20775	25RB#0	6.24	13	PASS
Band7	5MHz	64QAM	21100	25RB#0	6.34	13	PASS
Band7	5MHz	64QAM	21425	25RB#0	6.13	13	PASS
Band7	5MHz	256QAM	20775	25RB#0	6.66	13	PASS
Band7	5MHz	256QAM	21100	25RB#0	6.70	13	PASS
Band7	5MHz	256QAM	21425	25RB#0	6.65	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.10	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.20	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.00	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.89	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.95	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.75	13	PASS
Band7	10MHz	64QAM	20800	50RB#0	6.31	13	PASS
Band7	10MHz	64QAM	21100	50RB#0	6.35	13	PASS
Band7	10MHz	64QAM	21400	50RB#0	6.23	13	PASS
Band7	10MHz	256QAM	20800	50RB#0	6.68	13	PASS
Band7	10MHz	256QAM	21100	50RB#0	6.69	13	PASS
Band7	10MHz	256QAM	21400	50RB#0	6.66	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.11	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.13	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.07	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.92	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.94	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.87	13	PASS
Band7	15MHz	64QAM	20825	75RB#0	6.27	13	PASS
Band7	15MHz	64QAM	21100	75RB#0	6.28	13	PASS
Band7	15MHz	64QAM	21375	75RB#0	6.23	13	PASS
Band7	15MHz	256QAM	20825	75RB#0	6.54	13	PASS
Band7	15MHz	256QAM	21100	75RB#0	6.55	13	PASS
Band7	15MHz	256QAM	21375	75RB#0	6.53	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.17	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.22	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.13	13	PASS

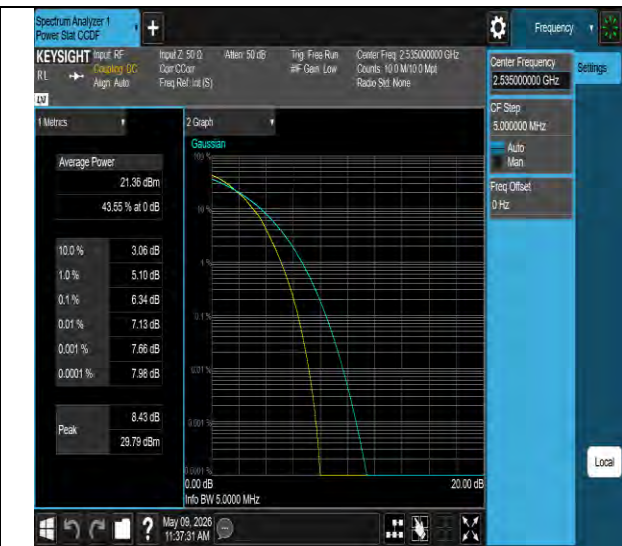
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Band7	20MHz	16QAM	21100	100RB#0	5.96	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.88	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.32	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.34	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.28	13	PASS
Band7	20MHz	256QAM	20850	100RB#0	6.69	13	PASS
Band7	20MHz	256QAM	21100	100RB#0	6.69	13	PASS
Band7	20MHz	256QAM	21350	100RB#0	6.70	13	PASS

Test Graphs

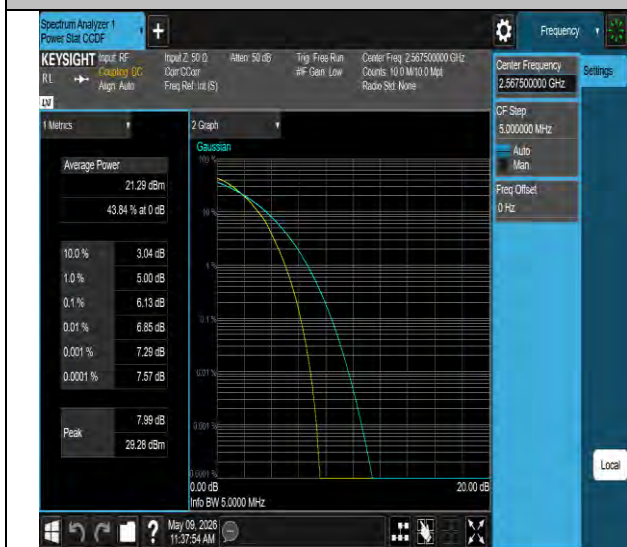




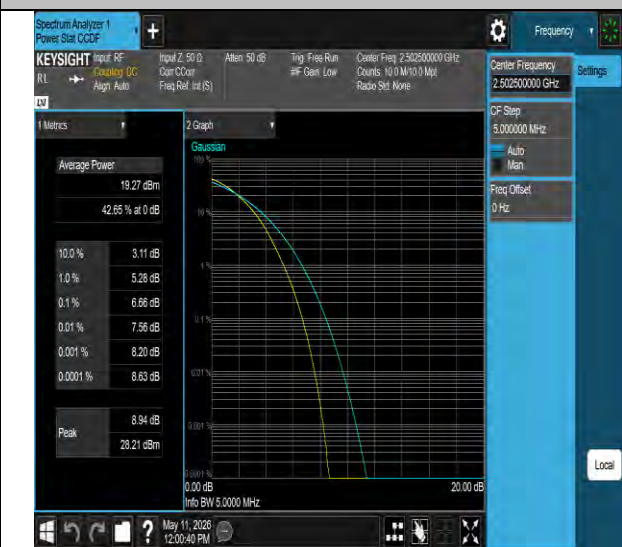
Band7-5MHz-64QAM-20775-25RB#0-PASS



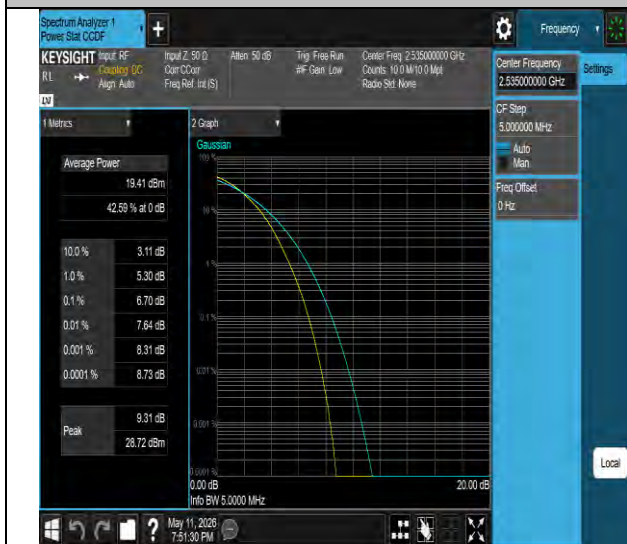
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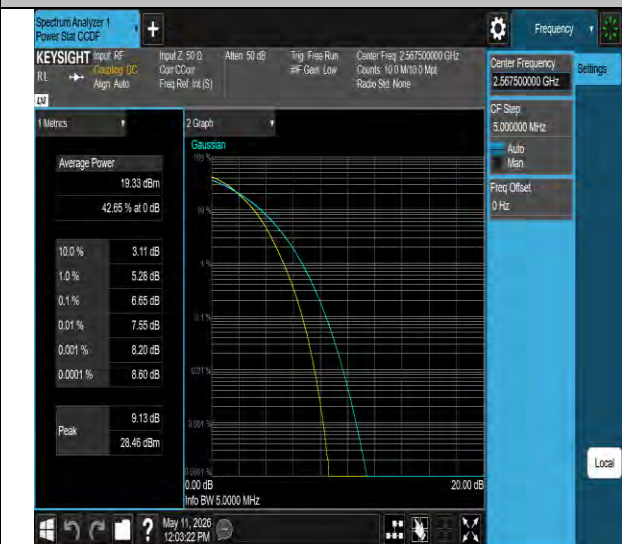
Band7-5MHz-64QAM-21425-25RB#0-PASS



Band7-5MHz-256QAM-20775-25RB#0-PASS



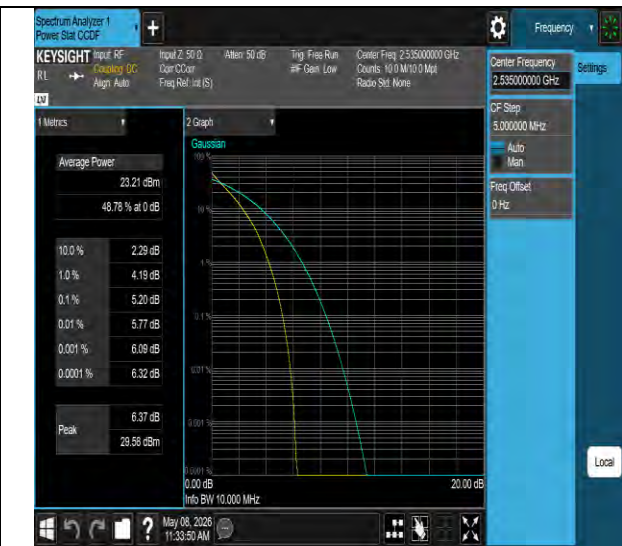
Band7-5MHz-256QAM-21100-25RB#0-PASS



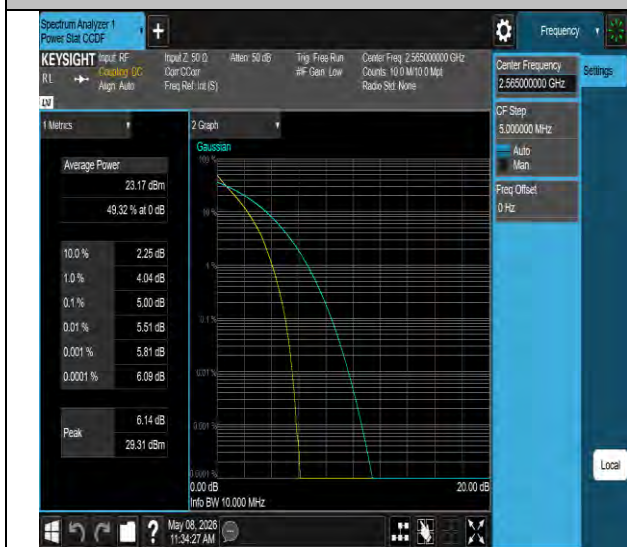
Band7-5MHz-256QAM-21425-25RB#0-PASS



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



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



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



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



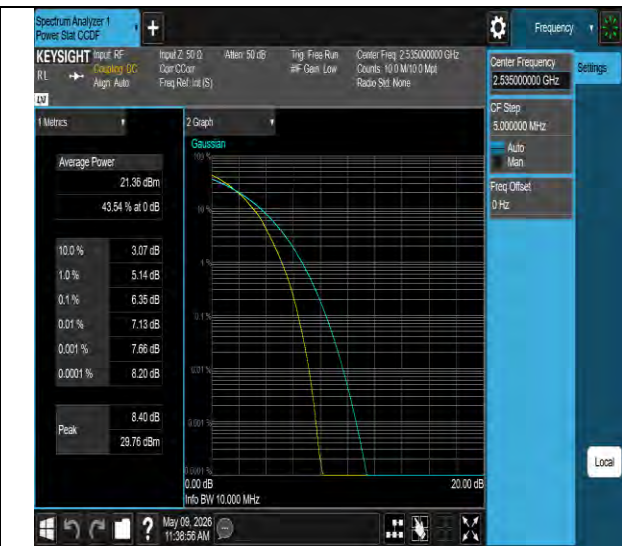
Band7-10MHz-16QAM-21100-50RB#0-PASS



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



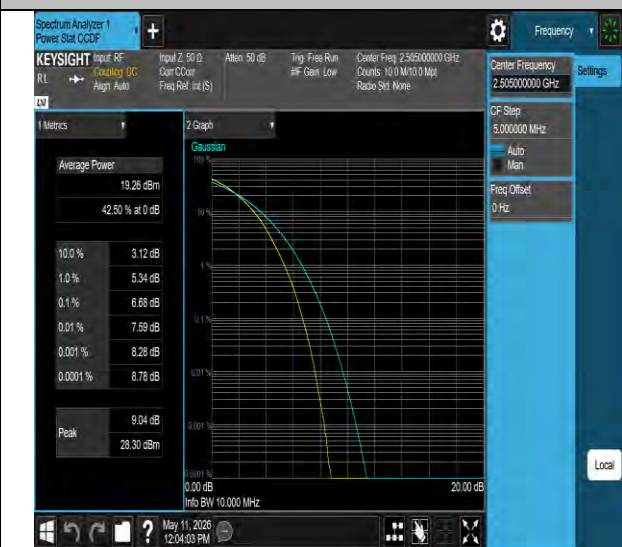
Band7-10MHz-64QAM-20800-50RB#0-PASS



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



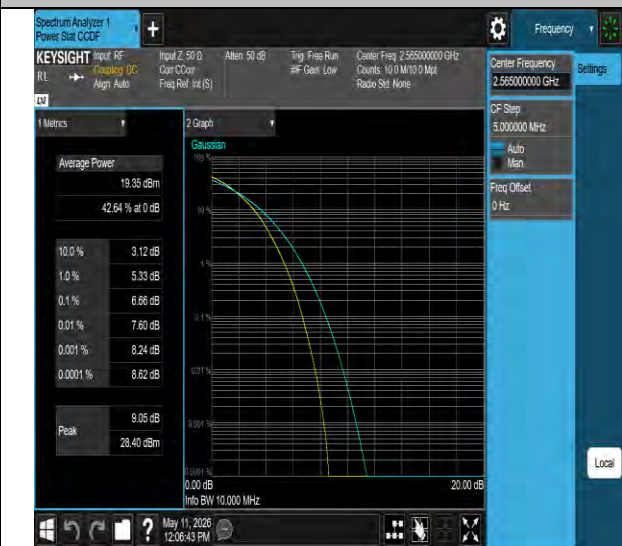
Band7-10MHz-64QAM-21400-50RB#0-PASS



Band7-10MHz-256QAM-20800-50RB#0-PASS



Band7-10MHz-256QAM-21100-50RB#0-PASS



Band7-10MHz-256QAM-21400-50RB#0-PASS



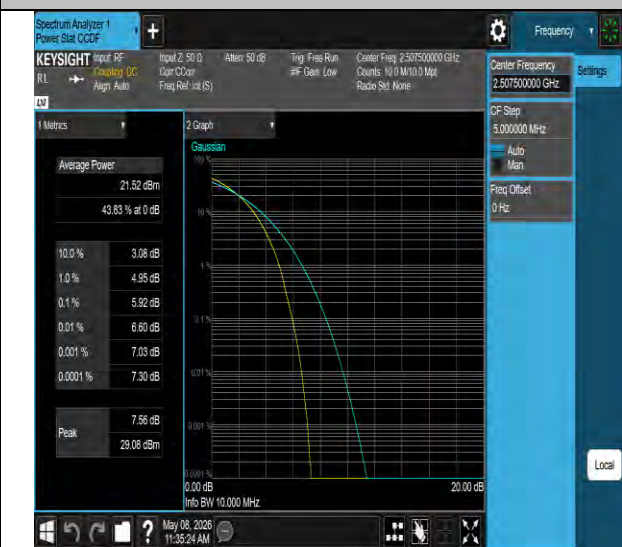
Band7-15MHz-QPSK-20825-75RB#0-PASS



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



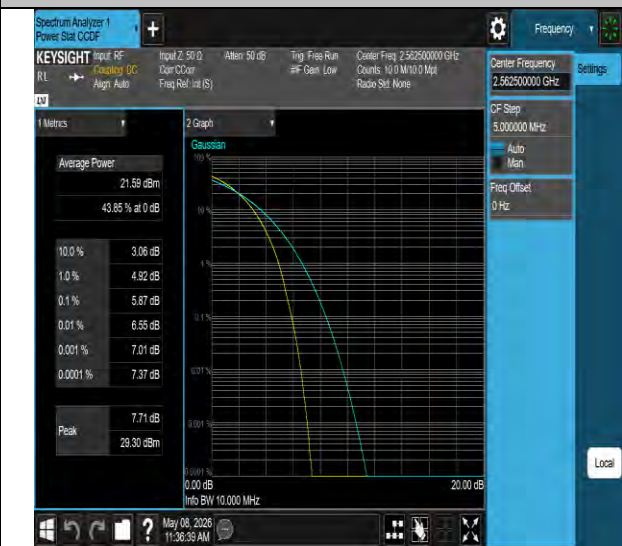
Band7-15MHz-QPSK-21375-75RB#0-PASS



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



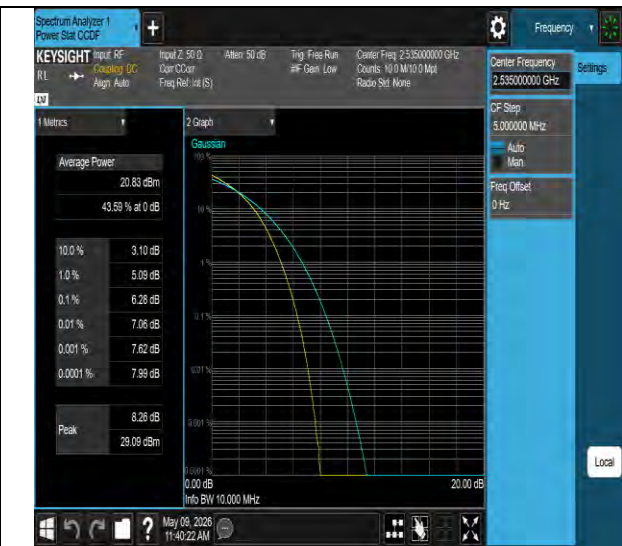
Band7-15MHz-16QAM-21100-75RB#0-PASS



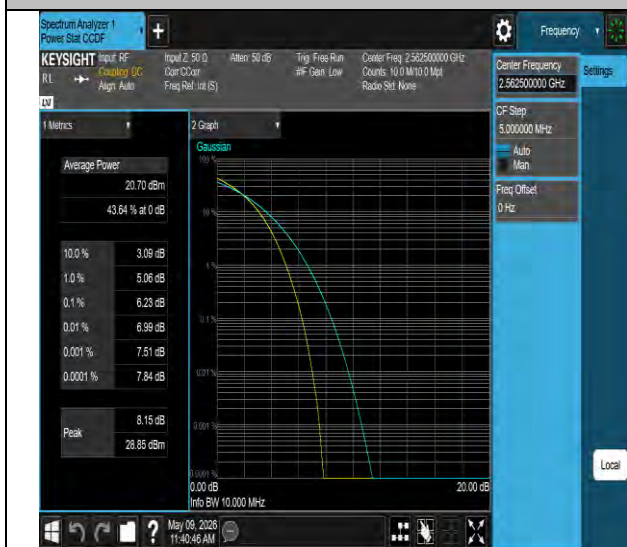
Band7-15MHz-16QAM-21375-75RB#0-PASS



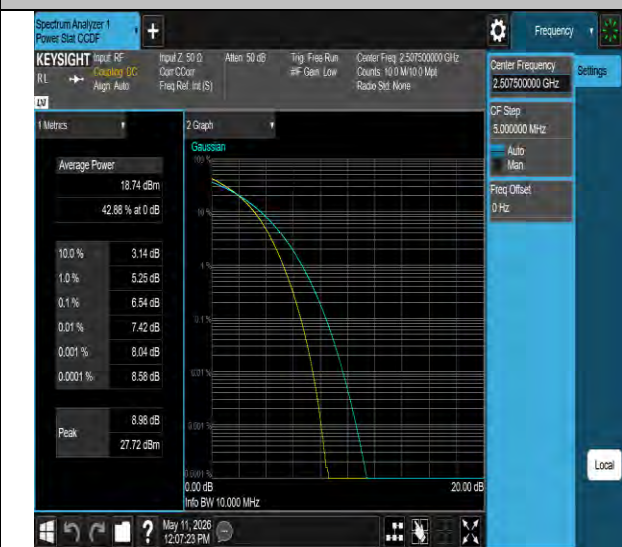
Band7-15MHz-64QAM-20825-75RB#0-PASS



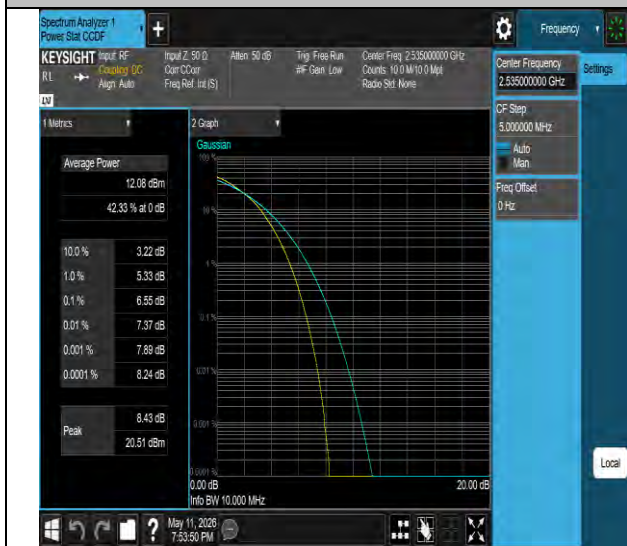
Band7-15MHz-64QAM-21100-75RB#0-PASS



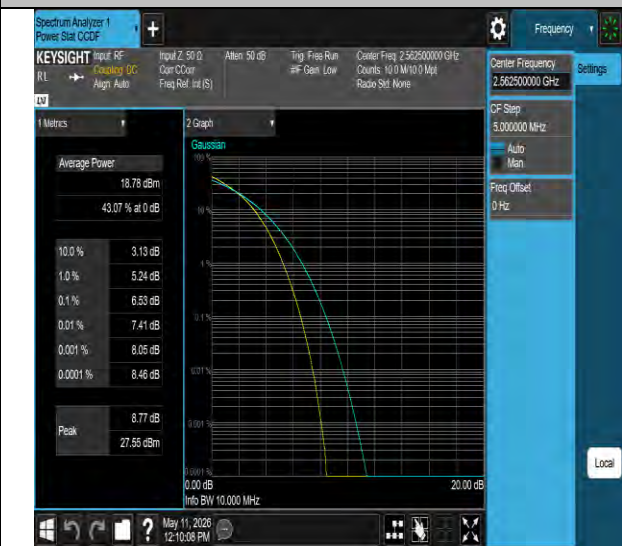
Band7-15MHz-64QAM-21375-75RB#0-PASS



Band7-15MHz-256QAM-20825-75RB#0-PASS



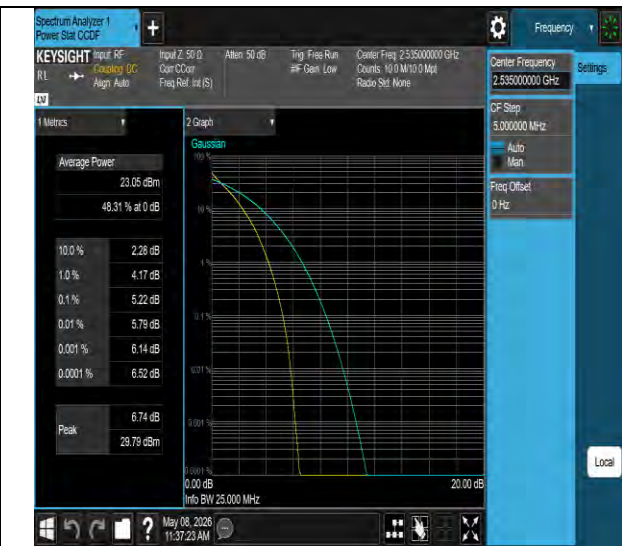
Band7-15MHz-256QAM-21100-75RB#0-PASS



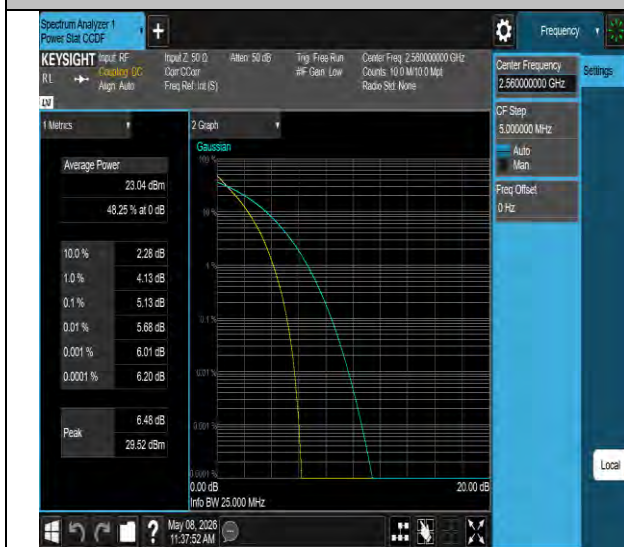
Band7-15MHz-256QAM-21375-75RB#0-PASS



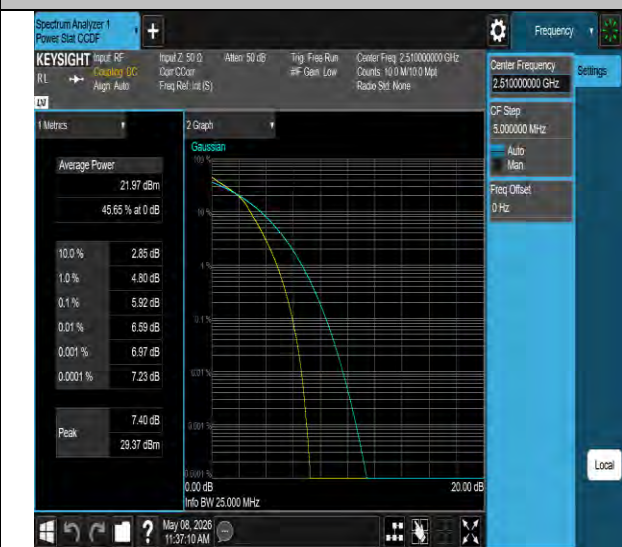
Band7-20MHz-QPSK-20850-100RB#0-PASS



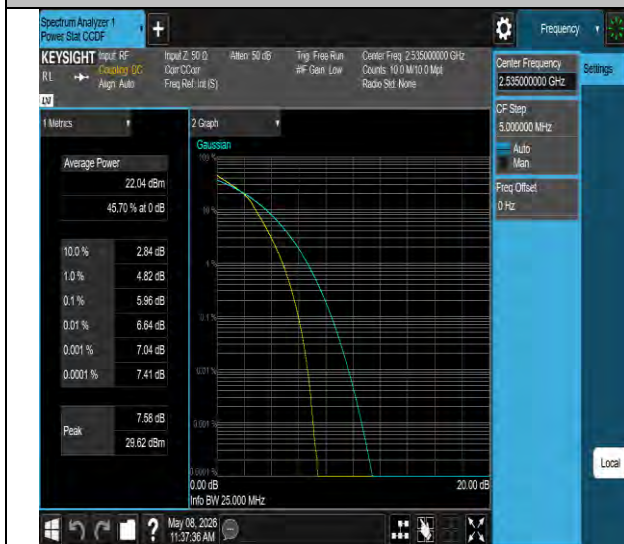
Band7-20MHz-QPSK-21100-100RB#0-PASS



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



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



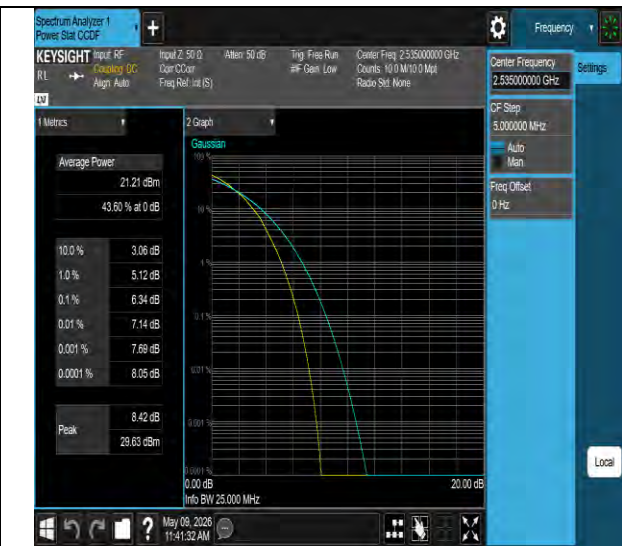
Band7-20MHz-16QAM-21100-100RB#0-PASS



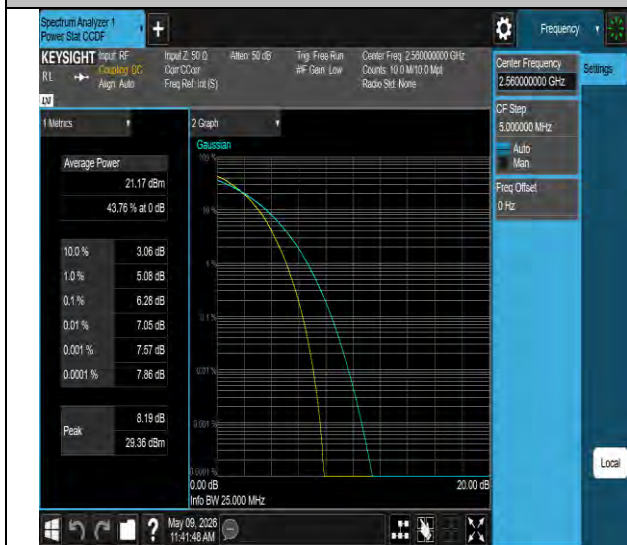
Band7-20MHz-16QAM-21350-100RB#0-PASS



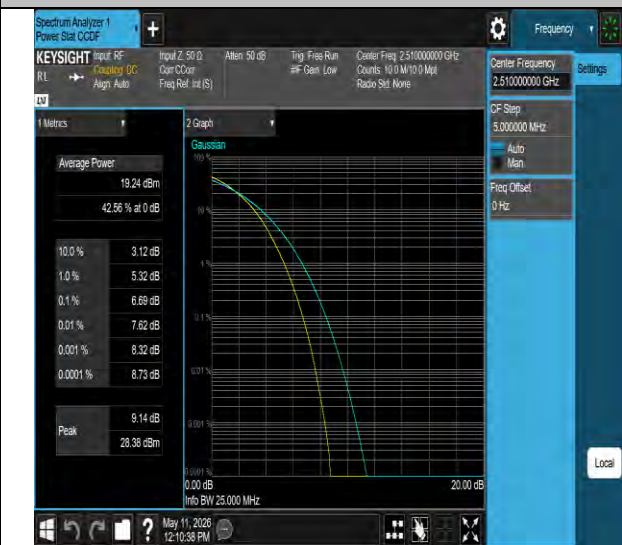
Band7-20MHz-64QAM-20850-100RB#0-PASS



Band7-20MHz-64QAM-21100-100RB#0-PASS



Band7-20MHz-64QAM-21350-100RB#0-PASS



Band7-20MHz-256QAM-20850-100RB#0-PASS



Band7-20MHz-256QAM-21100-100RB#0-PASS



Band7-20MHz-256QAM-21350-100RB#0-PASS

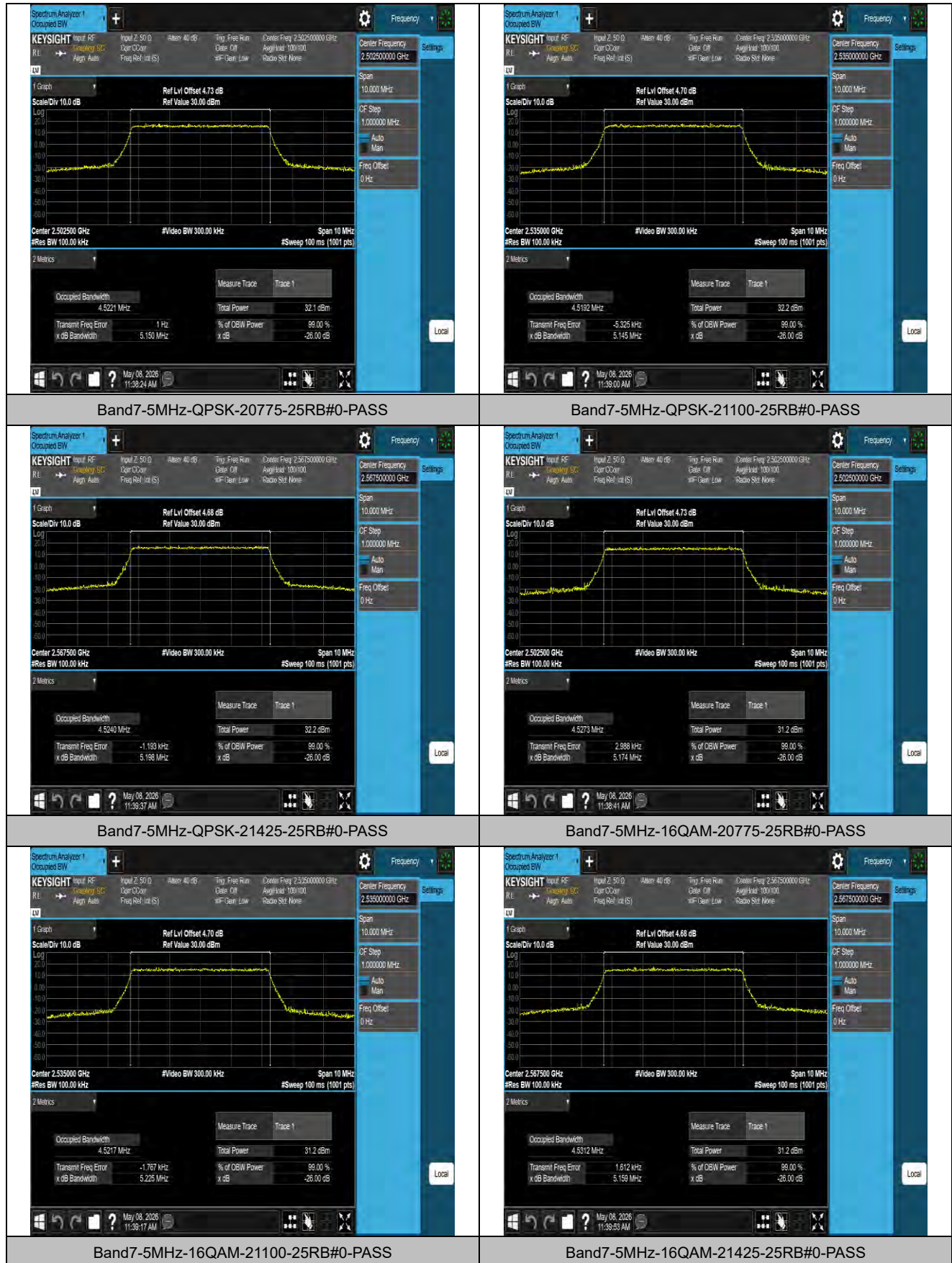
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5221	5.150	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5192	5.145	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5240	5.198	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5273	5.174	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5217	5.225	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5312	5.159	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.4942	5.075	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.5064	5.071	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.5091	5.119	PASS
Band7	5MHz	256QAM	20775	25RB#0	4.5022	5.120	PASS
Band7	5MHz	256QAM	21100	25RB#0	4.5011	5.063	PASS
Band7	5MHz	256QAM	21425	25RB#0	4.4966	5.179	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0310	10.12	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9902	10.05	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0209	10.10	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9913	10.15	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0034	10.02	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0018	10.06	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.9678	9.907	PASS
Band7	10MHz	64QAM	21100	50RB#0	9.0093	9.861	PASS
Band7	10MHz	64QAM	21400	50RB#0	9.0149	9.936	PASS
Band7	10MHz	256QAM	20800	50RB#0	8.9855	9.992	PASS
Band7	10MHz	256QAM	21100	50RB#0	8.9810	9.932	PASS
Band7	10MHz	256QAM	21400	50RB#0	9.0144	9.937	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.498	14.96	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.478	14.86	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.495	15.03	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.508	14.91	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.500	14.86	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.515	15.06	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.443	14.85	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.446	14.93	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.473	14.71	PASS
Band7	15MHz	256QAM	20825	75RB#0	13.461	14.74	PASS
Band7	15MHz	256QAM	21100	75RB#0	13.457	14.67	PASS
Band7	15MHz	256QAM	21375	75RB#0	13.475	14.64	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.984	20.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.984	19.78	PASS

Band7	20MHz	QPSK	21350	100RB#0	17.994	20.01	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.950	19.88	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.990	19.85	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.022	19.77	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.960	19.82	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.949	19.60	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.968	19.55	PASS
Band7	20MHz	256QAM	20850	100RB#0	17.969	19.79	PASS
Band7	20MHz	256QAM	21100	100RB#0	17.963	19.42	PASS
Band7	20MHz	256QAM	21350	100RB#0	17.941	19.60	PASS

Test Graphs





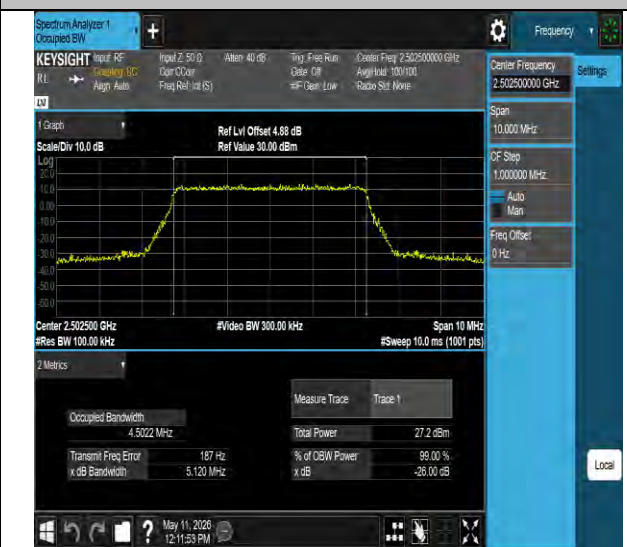
Band7-5MHz-64QAM-20775-25RB#0-PASS



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



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



Band7-5MHz-256QAM-20775-25RB#0-PASS



Band7-5MHz-256QAM-21100-25RB#0-PASS



Band7-5MHz-256QAM-21425-25RB#0-PASS



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



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



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



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



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



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



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



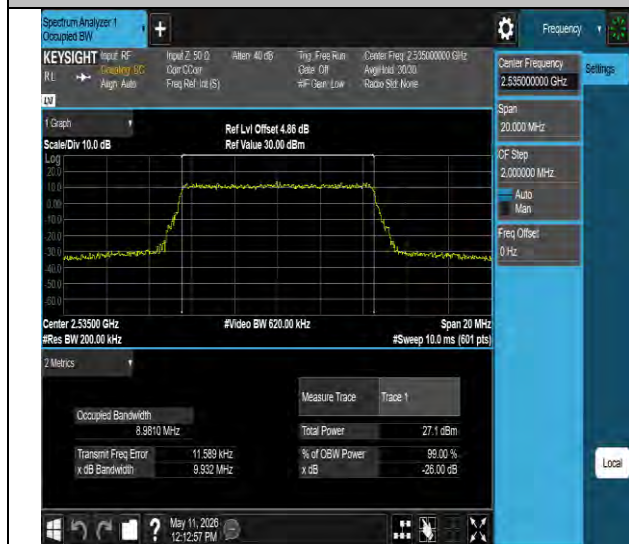
Band7-10MHz-64QAM-21100-50RB#0-PASS



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



Band7-10MHz-256QAM-20800-50RB#0-PASS



Band7-10MHz-256QAM-21100-50RB#0-PASS



Band7-10MHz-256QAM-21400-50RB#0-PASS



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



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



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



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



Band7-15MHz-16QAM-21100-75RB#0-PASS



Band7-15MHz-16QAM-21375-75RB#0-PASS



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



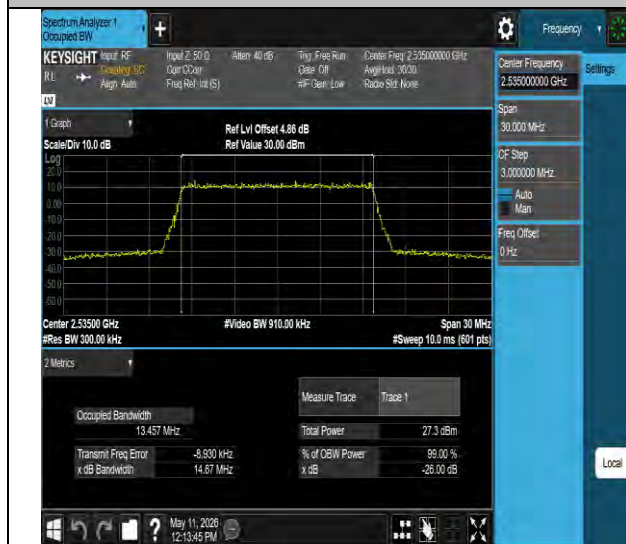
Band7-15MHz-64QAM-21100-75RB#0-PASS



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



Band7-15MHz-256QAM-20825-75RB#0-PASS



Band7-15MHz-256QAM-21100-75RB#0-PASS



Band7-15MHz-256QAM-21375-75RB#0-PASS



Band7-20MHz-QPSK-20850-100RB#0-PASS



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



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



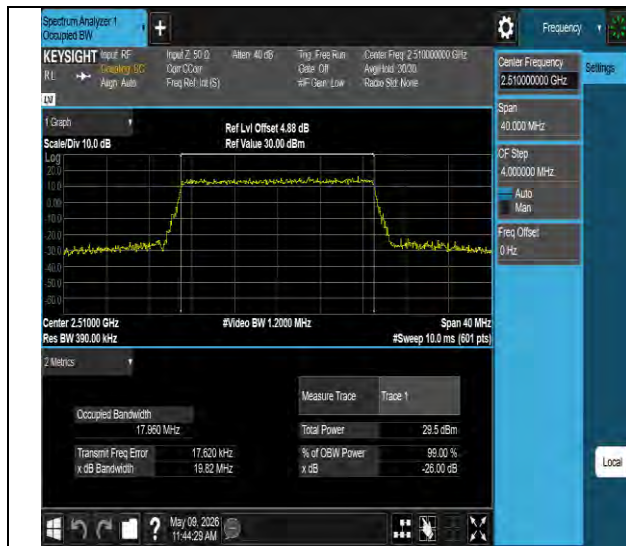
Band7-20MHz-16QAM-20850-100RB#0-PASS



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



Band7-20MHz-16QAM-21350-100RB#0-PASS



Band7-20MHz-64QAM-20850-100RB#0-PASS



Band7-20MHz-64QAM-21100-100RB#0-PASS



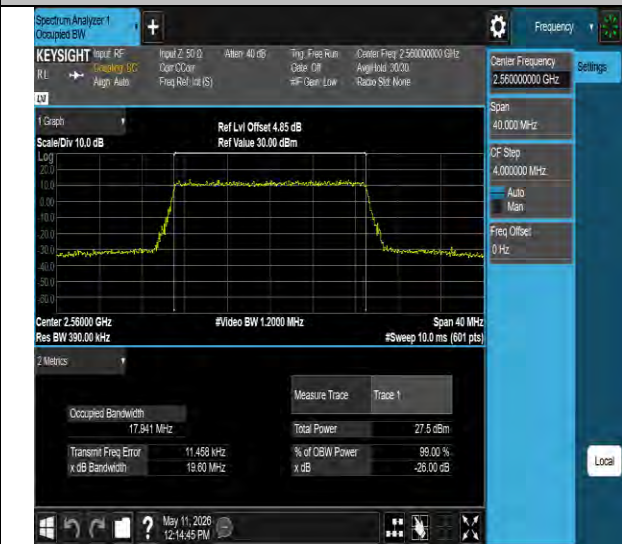
Band7-20MHz-64QAM-21350-100RB#0-PASS



Band7-20MHz-256QAM-20850-100RB#0-PASS



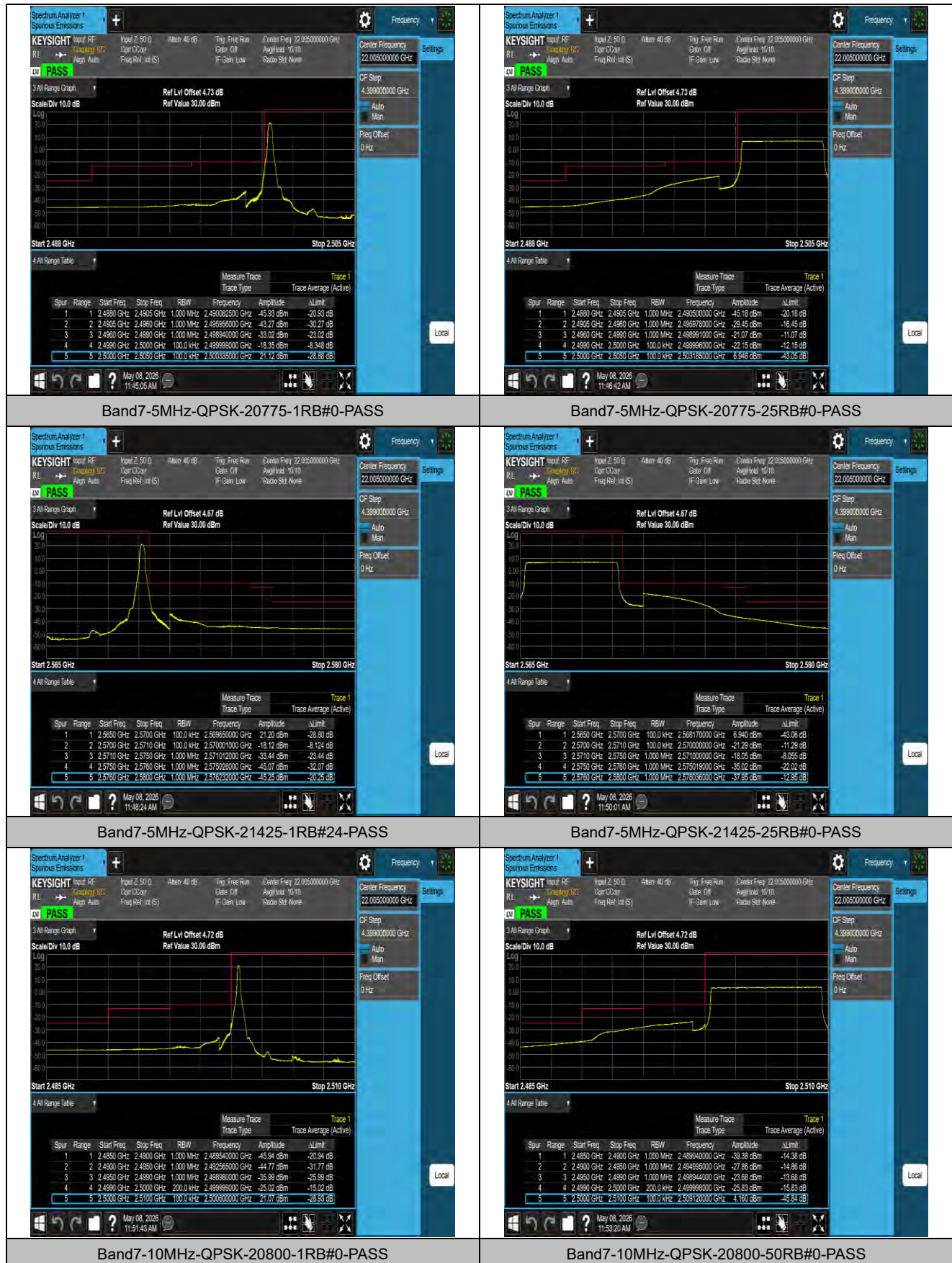
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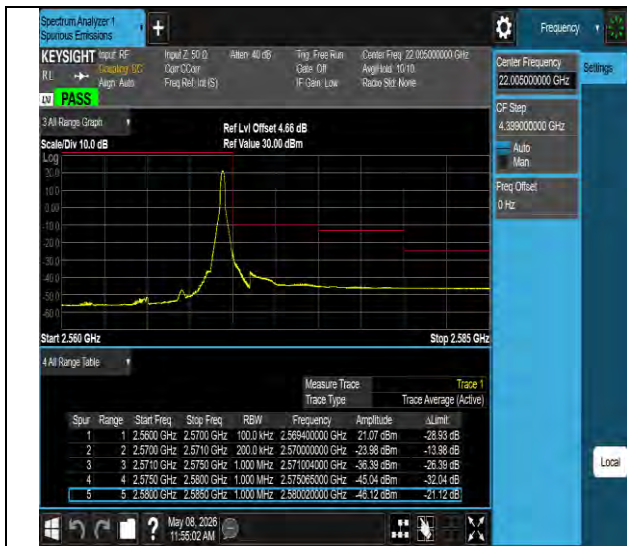


Band7-20MHz-256QAM-21350-100RB#0-PASS

Band Edge

Test Graphs

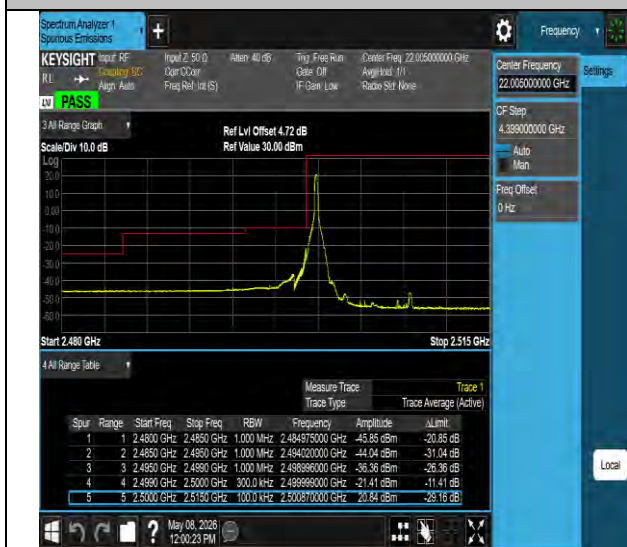




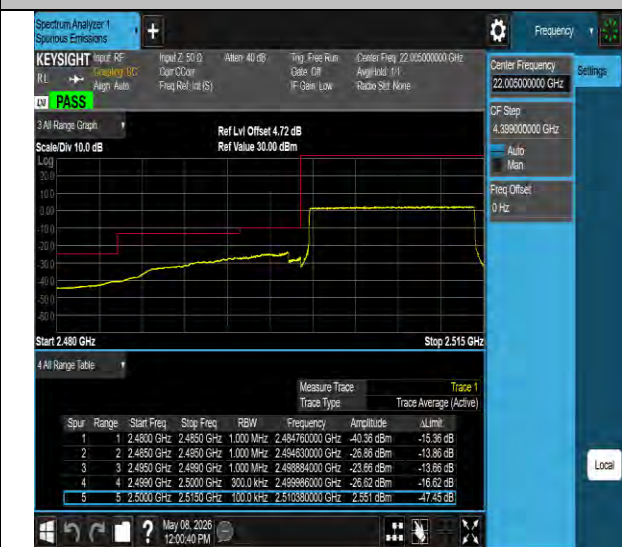
Band7-10MHz-QPSK-21400-1RB#49-PASS



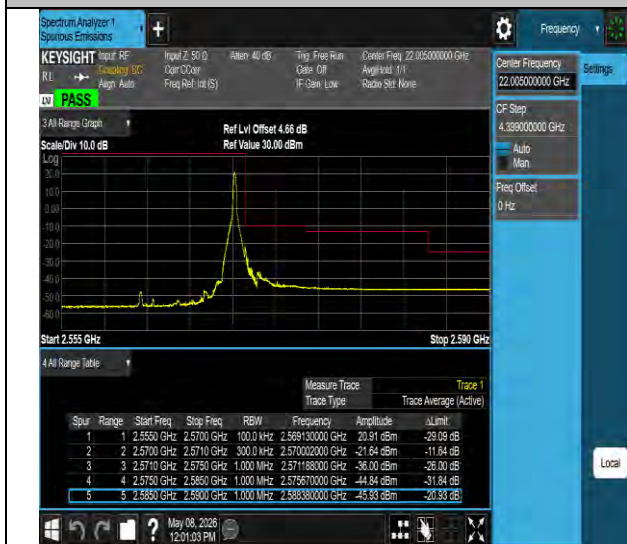
Band7-10MHz-QPSK-21400-50RB#0-PASS



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



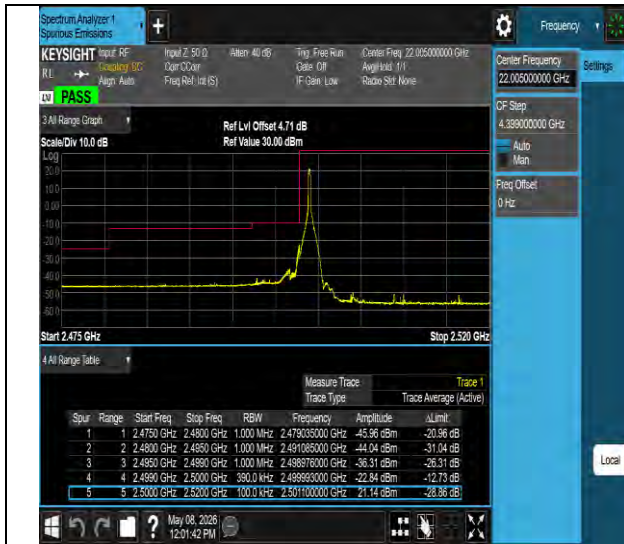
Band7-15MHz-QPSK-20825-75RB#0-PASS



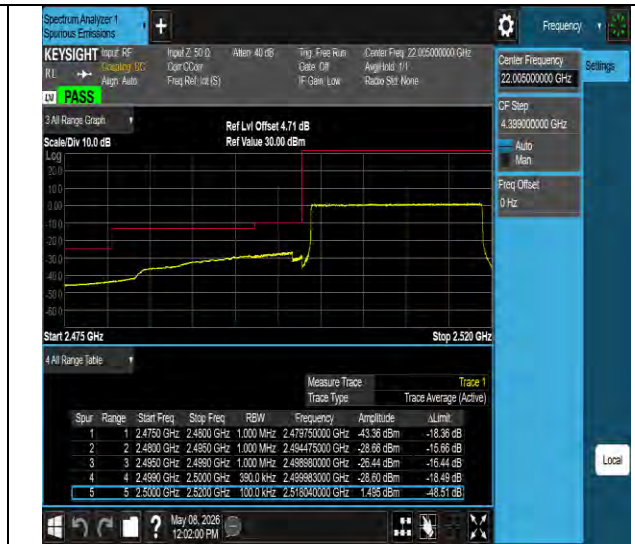
Band7-15MHz-QPSK-21375-1RB#74-PASS



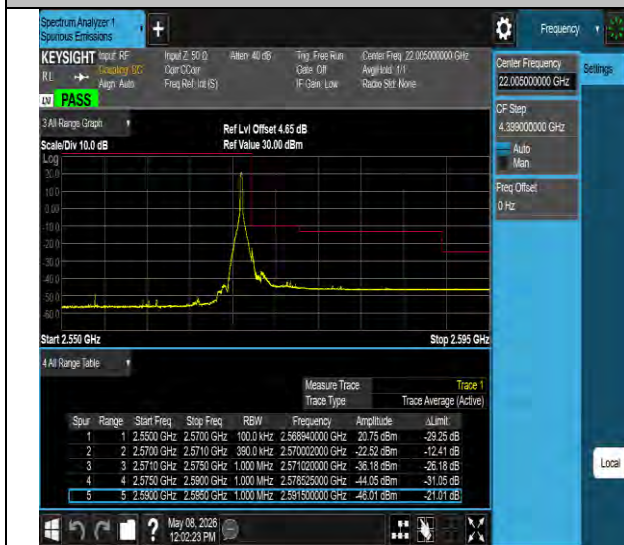
Band7-15MHz-QPSK-21375-75RB#0-PASS



Band7-20MHz-QPSK-20850-1RB#0-PASS



Band7-20MHz-QPSK-20850-100RB#0-PASS



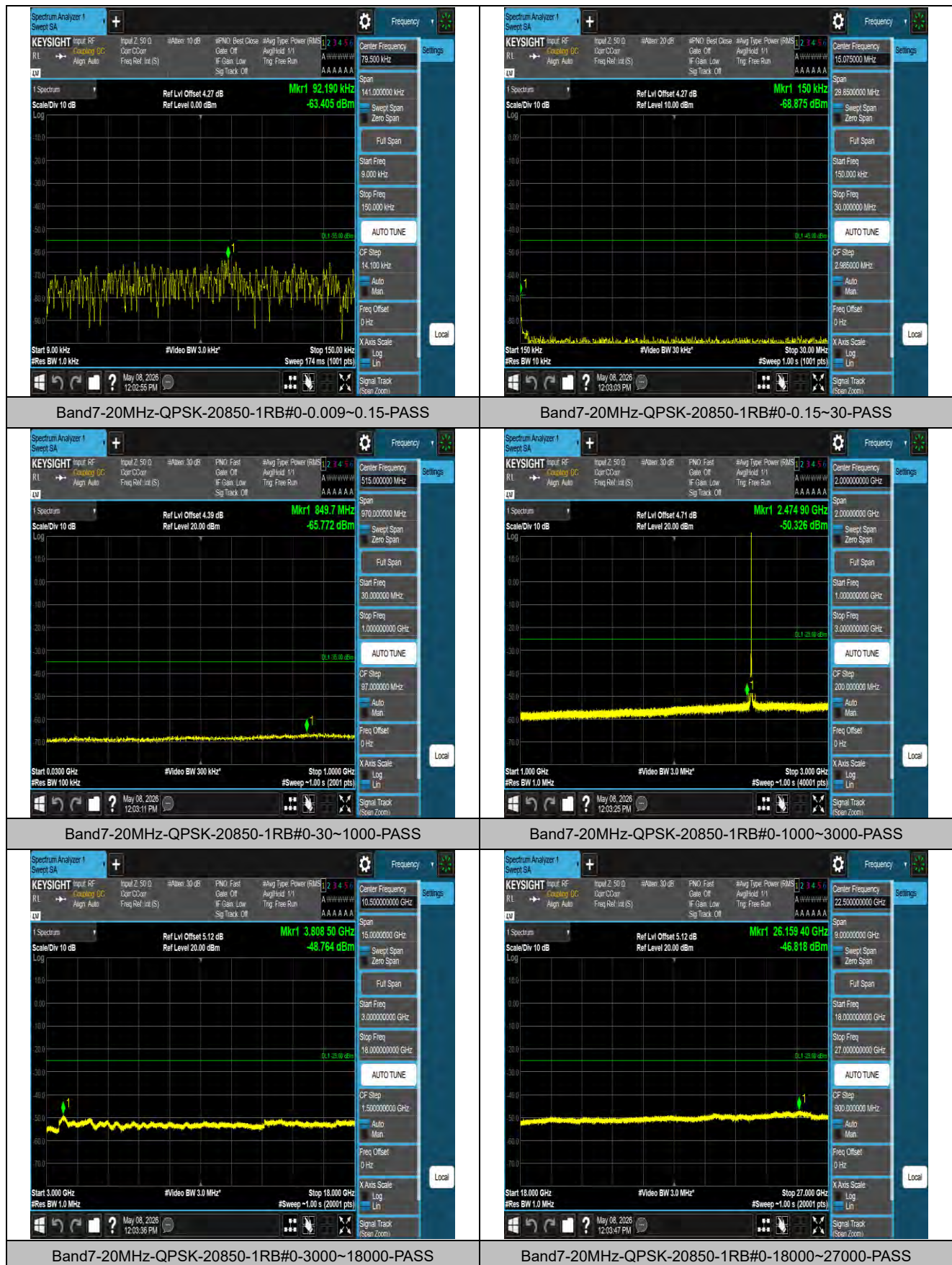
Band7-20MHz-QPSK-21350-1RB#99-PASS

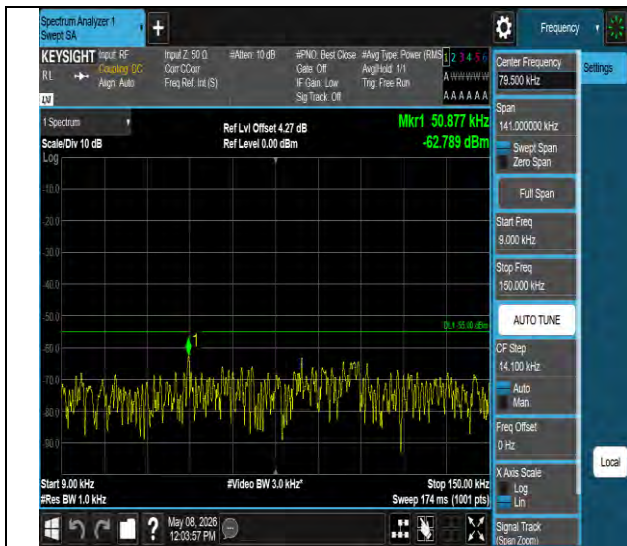


Band7-20MHz-QPSK-21350-100RB#0-PASS

Conducted Spurious Emission

Test Graphs

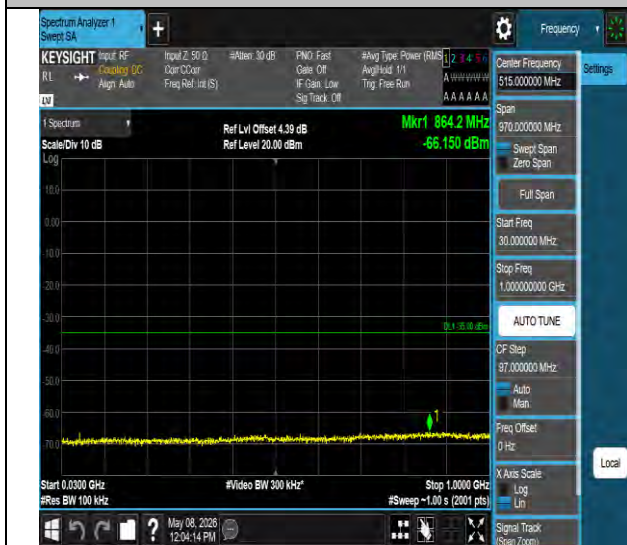




Band7-20MHz-QPSK-21100-1RB#0-0.009~0.15-PASS



Band7-20MHz-QPSK-21100-1RB#0-0.15~30-PASS



Band7-20MHz-QPSK-21100-1RB#0-30~1000-PASS



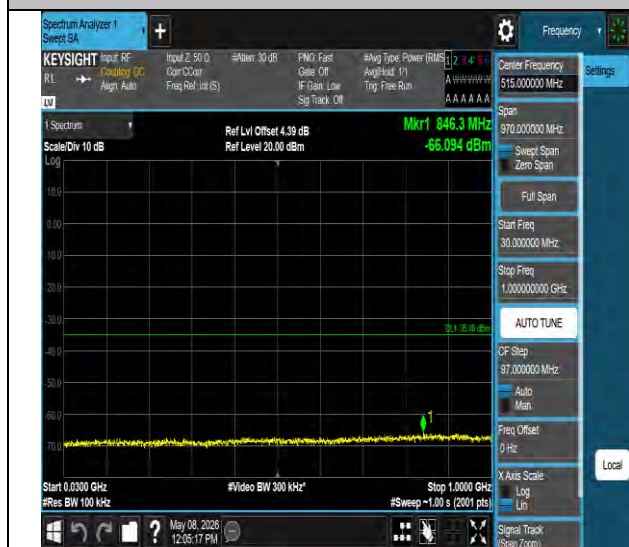
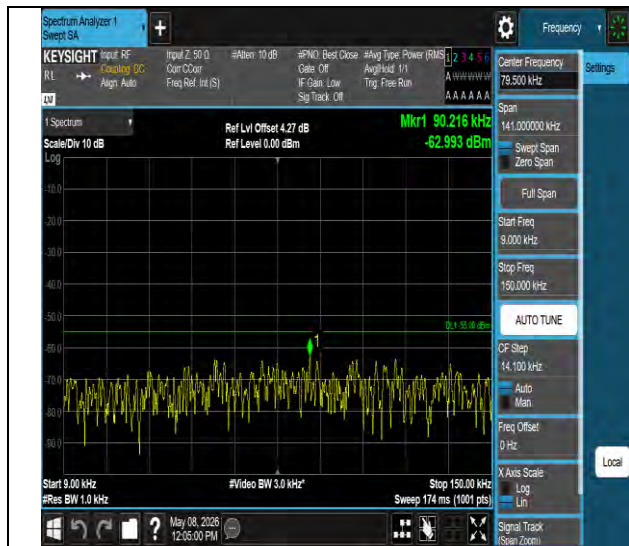
Band7-20MHz-QPSK-21100-1RB#0-1000~3000-PASS



Band7-20MHz-QPSK-21100-1RB#0-3000~18000-PASS



Band7-20MHz-QPSK-21100-1RB#0-18000~27000-PASS



Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	9.60	0.003787	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-5.69	-0.002245	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-39.94	-0.015755	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	4.55	0.001795	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	6.48	0.002556	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	3.18	0.001254	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-4.89	-0.001929	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	4.11	0.001621	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	14.25	0.005621	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	4.11	0.001621	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-2.70	-0.001065	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	4.56	0.001799	PASS

~The End~