

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	E(I)RP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.15	2.2	25.35	33	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.28	2.2	25.48	33	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.25	2.2	25.45	33	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.56	2.2	24.76	33	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.29	2.2	25.49	33	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.31	2.2	25.51	33	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.24	2.2	25.44	33	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.53	2.2	24.73	33	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.08	2.2	25.28	33	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.21	2.2	25.41	33	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.23	2.2	25.43	33	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.57	2.2	24.77	33	PASS
Band7	5MHz	64QAM	20775	1RB#0	21.34	2.2	23.54	33	PASS
Band7	5MHz	64QAM	20775	1RB#12	21.43	2.2	23.63	33	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.44	2.2	23.64	33	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.57	2.2	22.77	33	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.47	2.2	23.67	33	PASS
Band7	5MHz	64QAM	21100	1RB#12	21.49	2.2	23.69	33	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.41	2.2	23.61	33	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.56	2.2	22.76	33	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.86	2.2	24.06	33	PASS
Band7	5MHz	64QAM	21425	1RB#12	22.03	2.2	24.23	33	PASS
Band7	5MHz	64QAM	21425	1RB#24	22.05	2.2	24.25	33	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.57	2.2	22.77	33	PASS
Band7	5MHz	256QAM	20775	1RB#0	18.8	2.2	21	33	PASS
Band7	5MHz	256QAM	20775	1RB#12	18.93	2.2	21.13	33	PASS
Band7	5MHz	256QAM	20775	1RB#24	18.85	2.2	21.05	33	PASS
Band7	5MHz	256QAM	20775	25RB#0	18.54	2.2	20.74	33	PASS
Band7	5MHz	256QAM	21100	1RB#0	18.91	2.2	21.11	33	PASS
Band7	5MHz	256QAM	21100	1RB#12	18.88	2.2	21.08	33	PASS
Band7	5MHz	256QAM	21100	1RB#24	18.86	2.2	21.06	33	PASS
Band7	5MHz	256QAM	21100	25RB#0	18.56	2.2	20.76	33	PASS
Band7	5MHz	256QAM	21425	1RB#0	18.58	2.2	20.78	33	PASS
Band7	5MHz	256QAM	21425	1RB#12	18.8	2.2	21	33	PASS

Band7	5MHz	256QAM	21425	1RB#24	18.76	2.2	20.96	33	PASS
Band7	5MHz	256QAM	21425	25RB#0	18.54	2.2	20.74	33	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.45	2.2	24.65	33	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.57	2.2	24.77	33	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.5	2.2	24.7	33	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.56	2.2	23.76	33	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.64	2.2	24.84	33	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.66	2.2	24.86	33	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.5	2.2	24.7	33	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.54	2.2	23.74	33	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.35	2.2	24.55	33	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.61	2.2	24.81	33	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.66	2.2	24.86	33	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.53	2.2	23.73	33	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.21	2.2	25.41	33	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.24	2.2	25.44	33	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.16	2.2	25.36	33	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.51	2.2	24.71	33	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.2	2.2	25.4	33	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.23	2.2	25.43	33	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.17	2.2	25.37	33	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.52	2.2	24.72	33	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.95	2.2	25.15	33	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.98	2.2	25.18	33	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.15	2.2	25.35	33	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.52	2.2	24.72	33	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.44	2.2	23.64	33	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.39	2.2	23.59	33	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.51	2.2	23.71	33	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.49	2.2	22.69	33	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.42	2.2	23.62	33	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.42	2.2	23.62	33	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.32	2.2	23.52	33	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.51	2.2	22.71	33	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.54	2.2	23.74	33	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.56	2.2	23.76	33	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.77	2.2	23.97	33	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.51	2.2	22.71	33	PASS
Band7	10MHz	256QAM	20800	1RB#0	18.75	2.2	20.95	33	PASS
Band7	10MHz	256QAM	20800	1RB#24	18.74	2.2	20.94	33	PASS

Band7	10MHz	256QAM	20800	1RB#49	18.66	2.2	20.86	33	PASS
Band7	10MHz	256QAM	20800	50RB#0	18.59	2.2	20.79	33	PASS
Band7	10MHz	256QAM	21100	1RB#0	18.7	2.2	20.9	33	PASS
Band7	10MHz	256QAM	21100	1RB#24	18.58	2.2	20.78	33	PASS
Band7	10MHz	256QAM	21100	1RB#49	18.44	2.2	20.64	33	PASS
Band7	10MHz	256QAM	21100	50RB#0	18.52	2.2	20.72	33	PASS
Band7	10MHz	256QAM	21400	1RB#0	18.15	2.2	20.35	33	PASS
Band7	10MHz	256QAM	21400	1RB#24	18.17	2.2	20.37	33	PASS
Band7	10MHz	256QAM	21400	1RB#49	18.22	2.2	20.42	33	PASS
Band7	10MHz	256QAM	21400	50RB#0	18.52	2.2	20.72	33	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.53	2.2	24.73	33	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.69	2.2	24.89	33	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.64	2.2	24.84	33	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.59	2.2	23.79	33	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.63	2.2	24.83	33	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.53	2.2	24.73	33	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.52	2.2	24.72	33	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.56	2.2	23.76	33	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.02	2.2	24.22	33	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.12	2.2	24.32	33	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.17	2.2	24.37	33	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.5	2.2	23.7	33	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.91	2.2	25.11	33	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.96	2.2	25.16	33	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.01	2.2	25.21	33	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.41	2.2	24.61	33	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.03	2.2	25.23	33	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.95	2.2	25.15	33	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.86	2.2	25.06	33	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.38	2.2	24.58	33	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.83	2.2	25.03	33	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.81	2.2	25.01	33	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.88	2.2	25.08	33	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.38	2.2	24.58	33	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.24	2.2	23.44	33	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.27	2.2	23.47	33	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.3	2.2	23.5	33	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.41	2.2	22.61	33	PASS
Band7	15MHz	64QAM	21100	1RB#0	21.6	2.2	23.8	33	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.6	2.2	23.8	33	PASS

Band7	15MHz	64QAM	21100	1RB#74	21.43	2.2	23.63	33	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.48	2.2	22.68	33	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.33	2.2	23.53	33	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.42	2.2	23.62	33	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.38	2.2	23.58	33	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.42	2.2	22.62	33	PASS
Band7	15MHz	256QAM	20825	1RB#0	18.5	2.2	20.7	33	PASS
Band7	15MHz	256QAM	20825	1RB#38	18.55	2.2	20.75	33	PASS
Band7	15MHz	256QAM	20825	1RB#74	18.58	2.2	20.78	33	PASS
Band7	15MHz	256QAM	20825	75RB#0	18.48	2.2	20.68	33	PASS
Band7	15MHz	256QAM	21100	1RB#0	18.67	2.2	20.87	33	PASS
Band7	15MHz	256QAM	21100	1RB#38	18.56	2.2	20.76	33	PASS
Band7	15MHz	256QAM	21100	1RB#74	18.53	2.2	20.73	33	PASS
Band7	15MHz	256QAM	21100	75RB#0	18.44	2.2	20.64	33	PASS
Band7	15MHz	256QAM	21375	1RB#0	18.02	2.2	20.22	33	PASS
Band7	15MHz	256QAM	21375	1RB#38	18	2.2	20.2	33	PASS
Band7	15MHz	256QAM	21375	1RB#74	18.22	2.2	20.42	33	PASS
Band7	15MHz	256QAM	21375	75RB#0	18.43	2.2	20.63	33	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.35	2.2	24.55	33	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.54	2.2	24.74	33	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.59	2.2	24.79	33	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.34	2.2	23.54	33	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.5	2.2	24.7	33	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.51	2.2	24.71	33	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.45	2.2	24.65	33	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.42	2.2	23.62	33	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.08	2.2	24.28	33	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.09	2.2	24.29	33	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.06	2.2	24.26	33	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.37	2.2	23.57	33	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.89	2.2	25.09	33	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.92	2.2	25.12	33	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.05	2.2	25.25	33	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.44	2.2	24.64	33	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.09	2.2	25.29	33	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.97	2.2	25.17	33	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.9	2.2	25.1	33	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.37	2.2	24.57	33	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.76	2.2	24.96	33	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.83	2.2	25.03	33	PASS

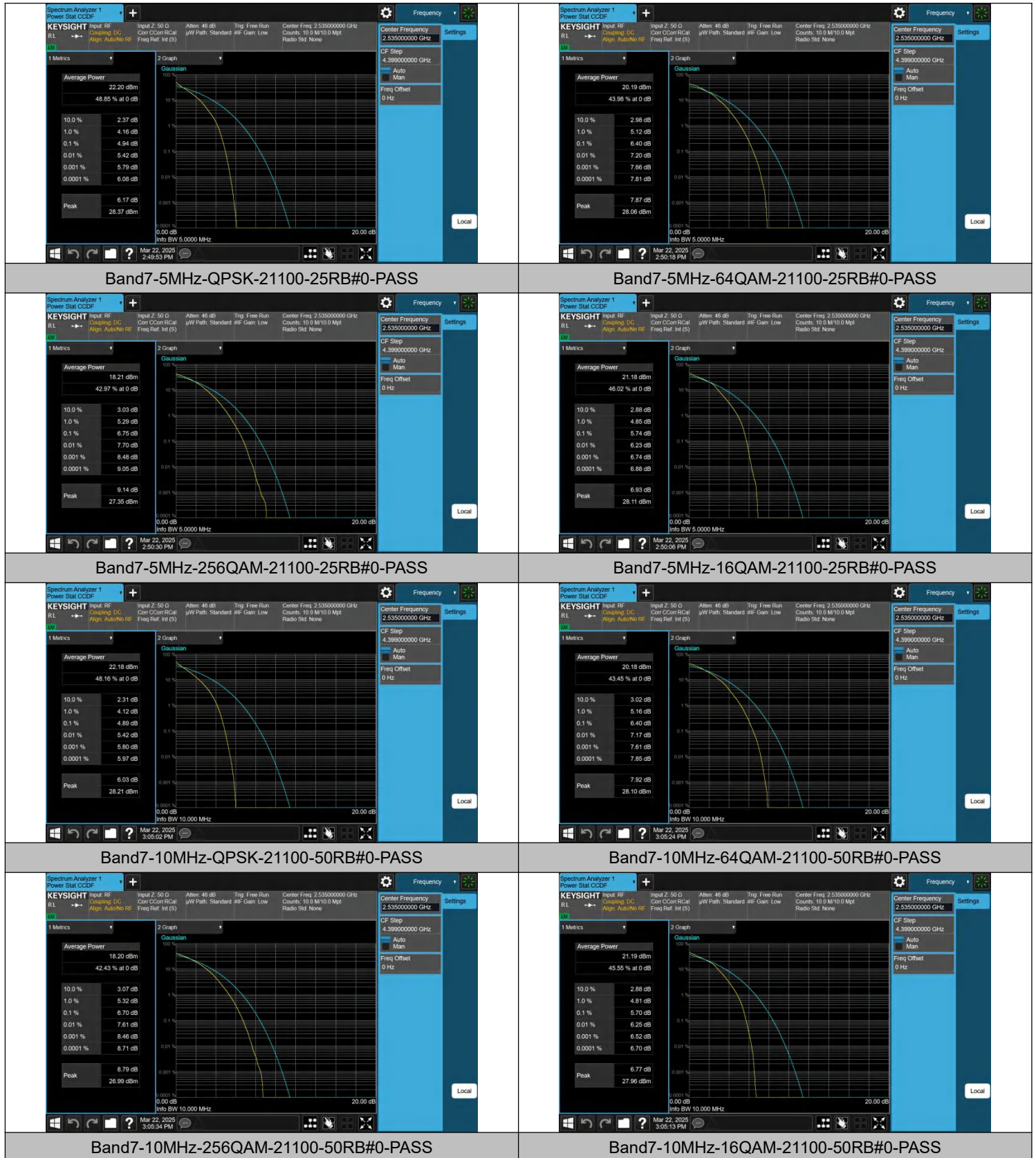
Band7	20MHz	QPSK	21350	1RB#99	22.93	2.2	25.13	33	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.33	2.2	24.53	33	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.46	2.2	23.66	33	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.53	2.2	23.73	33	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.52	2.2	23.72	33	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.41	2.2	22.61	33	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.66	2.2	23.86	33	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.62	2.2	23.82	33	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.47	2.2	23.67	33	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.41	2.2	22.61	33	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.03	2.2	23.23	33	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.07	2.2	23.27	33	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.1	2.2	23.3	33	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.4	2.2	22.6	33	PASS
Band7	20MHz	256QAM	20850	1RB#0	18.49	2.2	20.69	33	PASS
Band7	20MHz	256QAM	20850	1RB#49	18.37	2.2	20.57	33	PASS
Band7	20MHz	256QAM	20850	1RB#99	18.65	2.2	20.85	33	PASS
Band7	20MHz	256QAM	20850	100RB#0	18.48	2.2	20.68	33	PASS
Band7	20MHz	256QAM	21100	1RB#0	18.93	2.2	21.13	33	PASS
Band7	20MHz	256QAM	21100	1RB#49	18.73	2.2	20.93	33	PASS
Band7	20MHz	256QAM	21100	1RB#99	18.68	2.2	20.88	33	PASS
Band7	20MHz	256QAM	21100	100RB#0	18.41	2.2	20.61	33	PASS
Band7	20MHz	256QAM	21350	1RB#0	18.3	2.2	20.5	33	PASS
Band7	20MHz	256QAM	21350	1RB#49	18.32	2.2	20.52	33	PASS
Band7	20MHz	256QAM	21350	1RB#99	18.48	2.2	20.68	33	PASS
Band7	20MHz	256QAM	21350	100RB#0	18.39	2.2	20.59	33	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.28	2.2	24.48	33	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.3	2.2	24.5	33	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.33	2.2	24.53	33	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.45	2.2	23.65	33	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.58	2.2	24.78	33	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.45	2.2	24.65	33	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.38	2.2	24.58	33	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.37	2.2	23.57	33	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.1	2.2	24.3	33	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.03	2.2	24.23	33	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.17	2.2	24.37	33	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.33	2.2	23.53	33	PASS

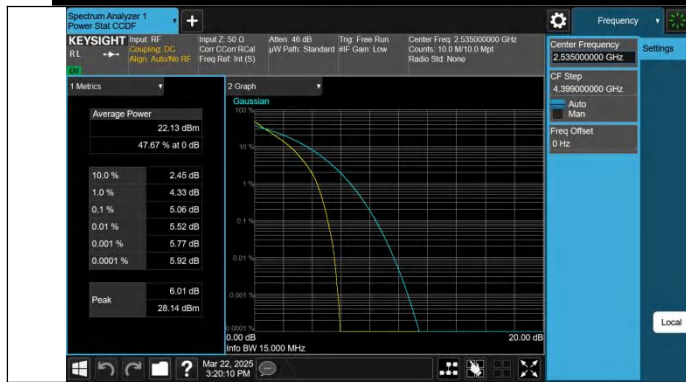
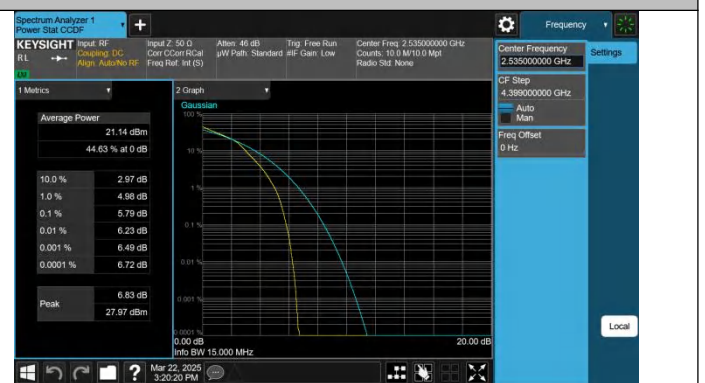
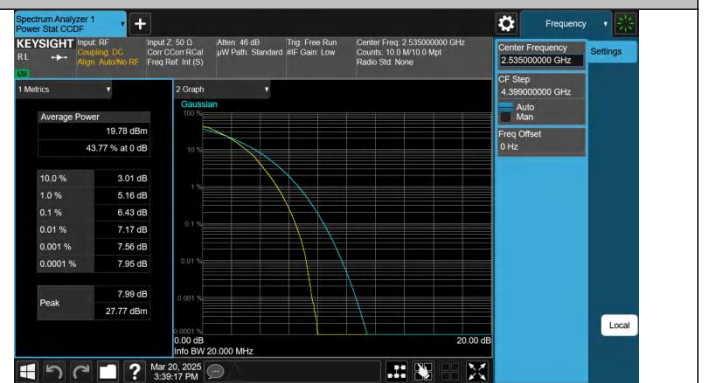
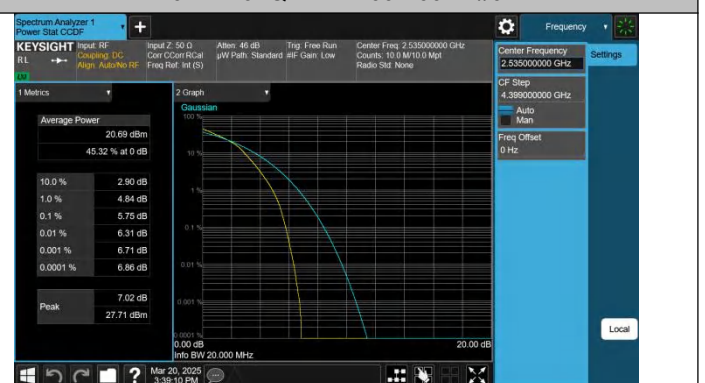
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	21100	25RB#0	4.94	13	PASS
Band7	5MHz	64QAM	21100	25RB#0	6.40	13	PASS
Band7	5MHz	256QAM	21100	25RB#0	6.75	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.74	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.89	13	PASS
Band7	10MHz	64QAM	21100	50RB#0	6.40	13	PASS
Band7	10MHz	256QAM	21100	50RB#0	6.70	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.70	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.06	13	PASS
Band7	15MHz	64QAM	21100	75RB#0	6.40	13	PASS
Band7	15MHz	256QAM	21100	75RB#0	6.70	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.79	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.90	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.43	13	PASS
Band7	20MHz	256QAM	21100	100RB#0	5.20	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.75	13	PASS

Test Graphs



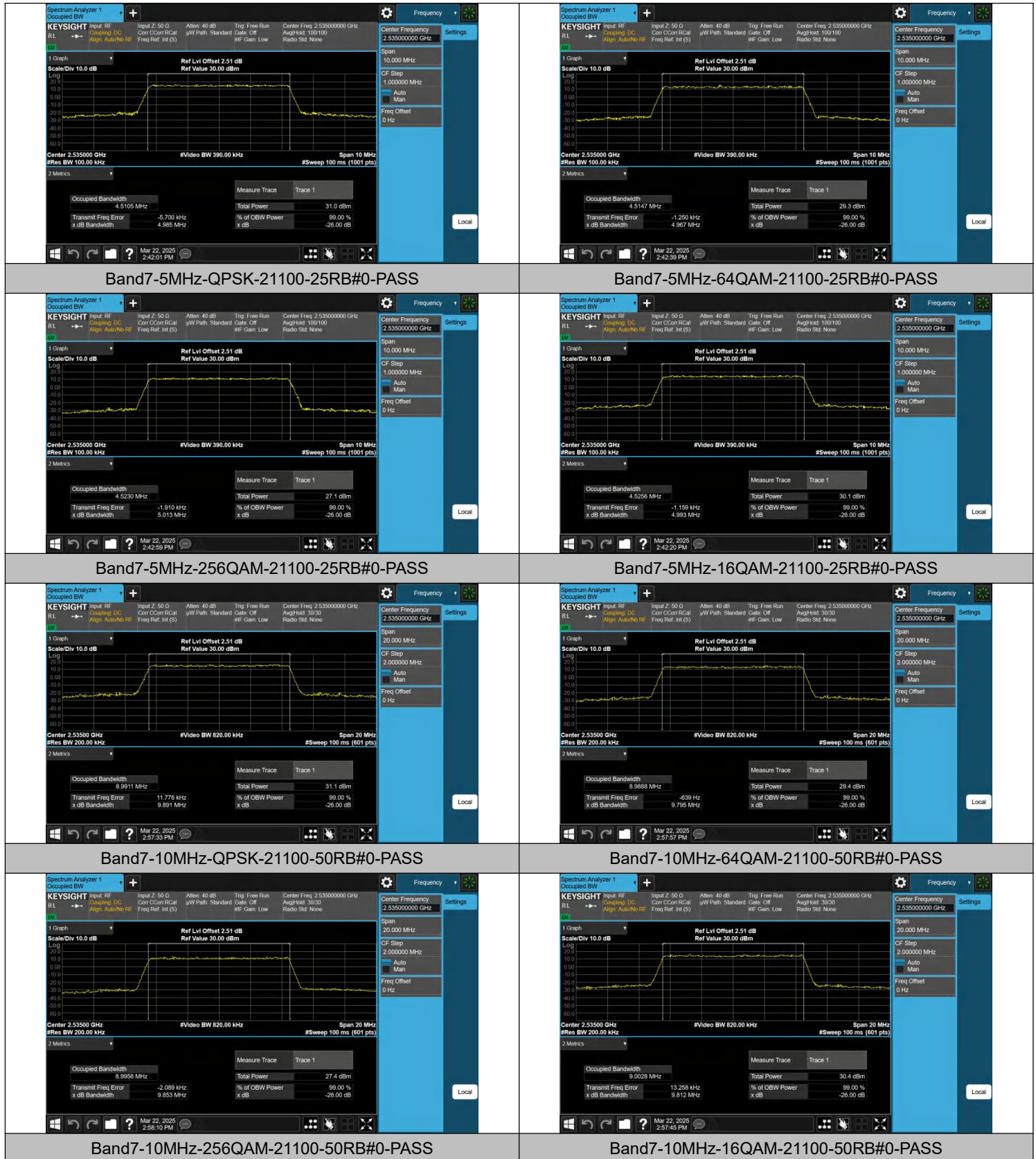


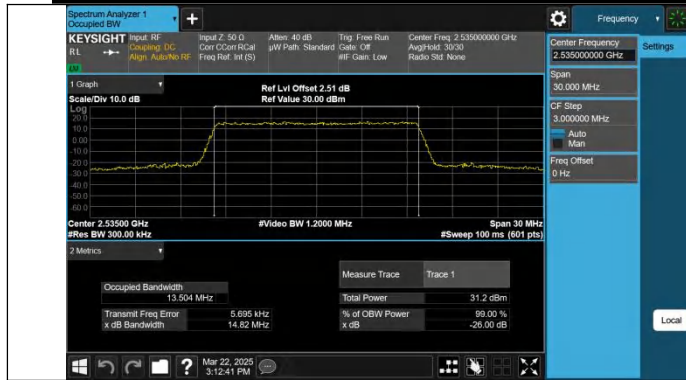
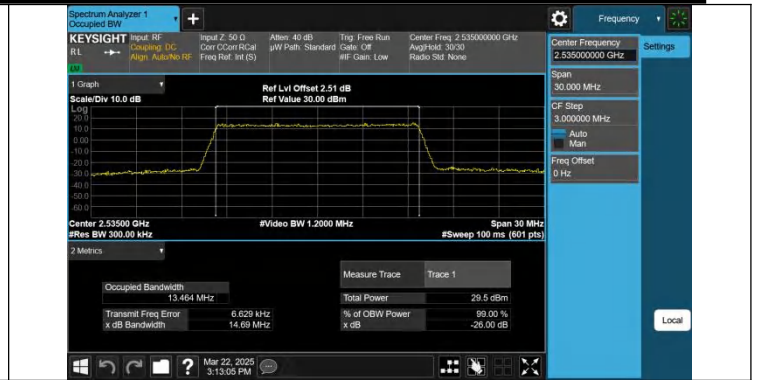
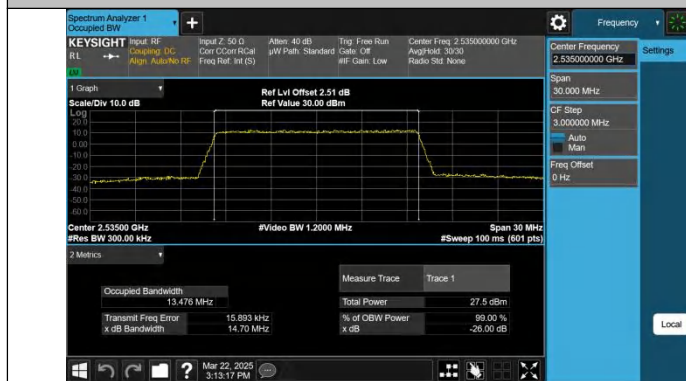
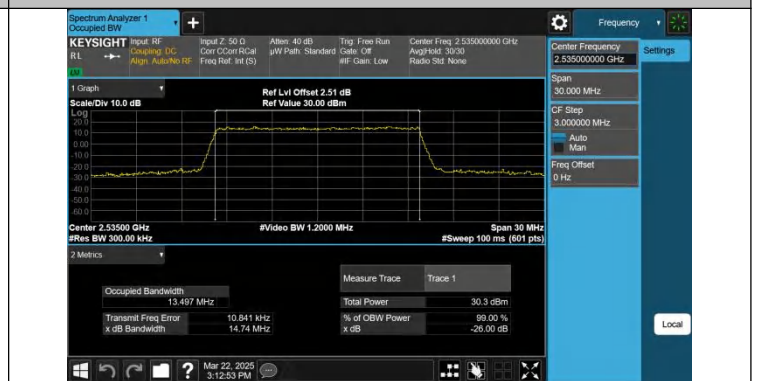
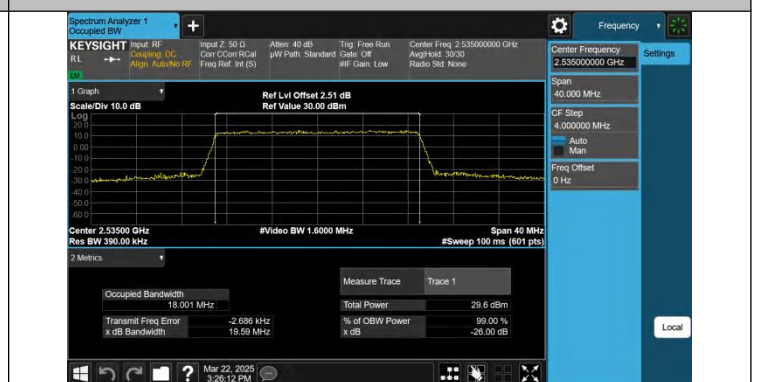
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	21100	25RB#0	4.5105	4.985	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.5147	4.967	PASS
Band7	5MHz	256QAM	21100	25RB#0	4.5230	5.013	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5256	4.993	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9911	9.891	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.9888	9.795	PASS
Band7	10MHz	256QAM	21100	50RB#0	8.9956	9.853	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0028	9.812	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.504	14.82	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.464	14.69	PASS
Band7	15MHz	256QAM	21100	75RB#0	13.476	14.70	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.497	14.74	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.971	19.59	PASS
Band7	20MHz	64QAM	21100	100RB#0	18.001	19.59	PASS
Band7	20MHz	256QAM	21100	100RB#0	18.007	19.63	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.021	19.49	PASS

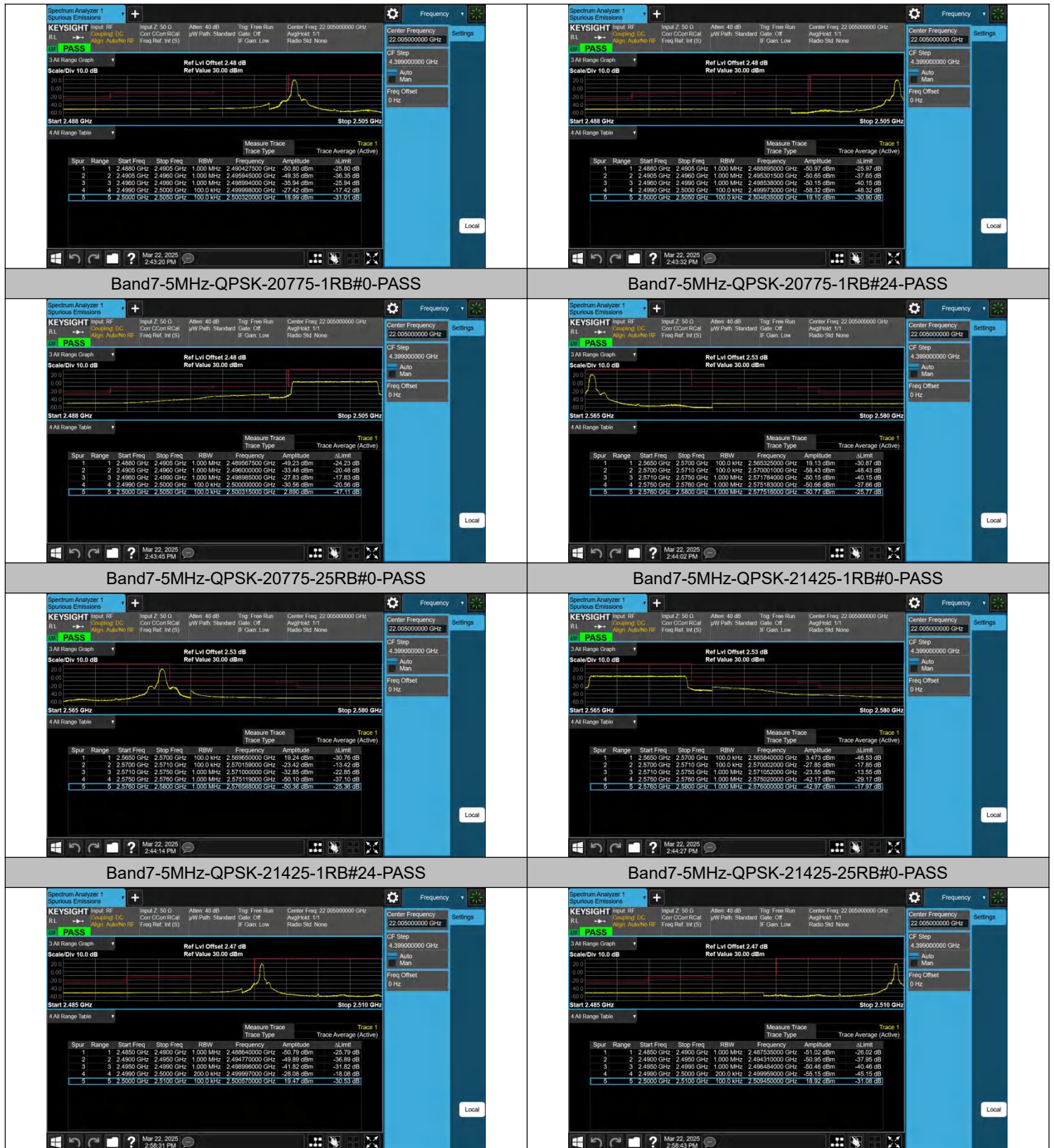
Test Graphs



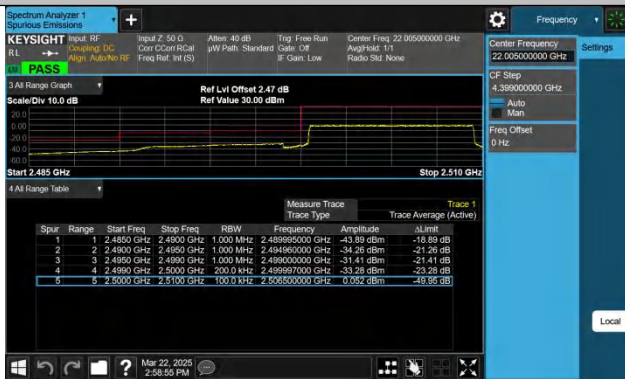


Band Edge

Test Graphs



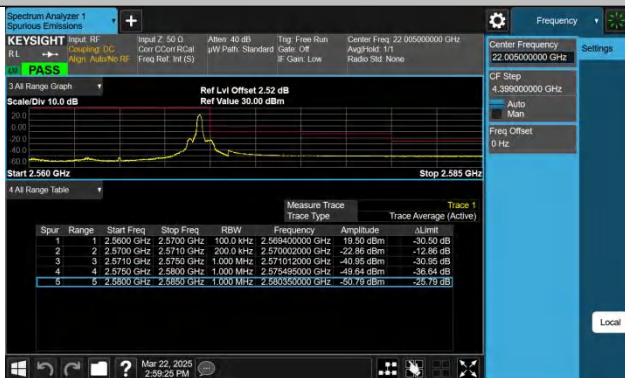
Band7-10MHz-QPSK-20800-1RB#0-PASS



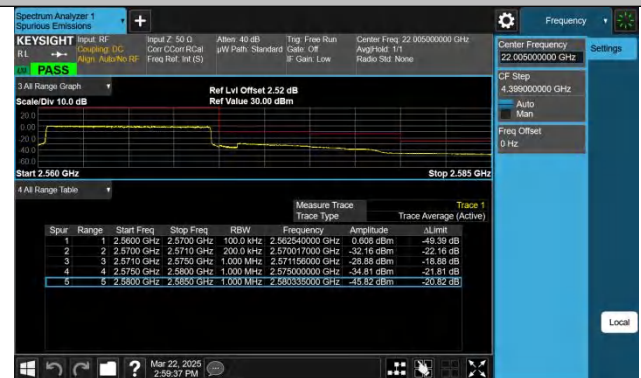
Band7-10MHz-QPSK-20800-1RB#49-PASS



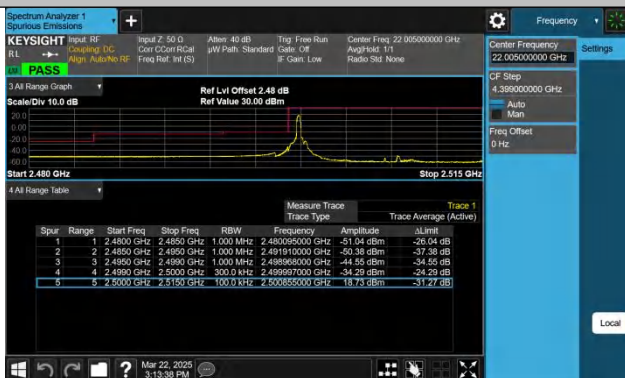
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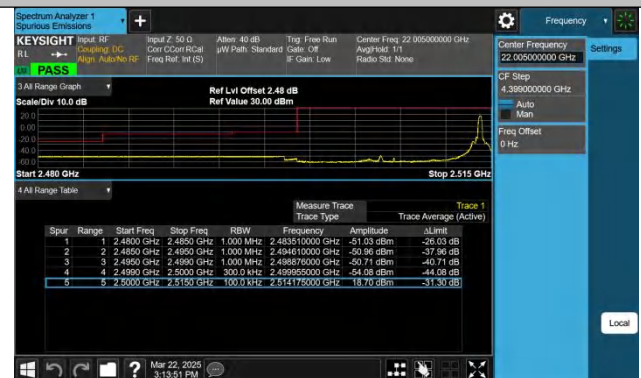
Band7-10MHz-QPSK-21400-1RB#0-PASS



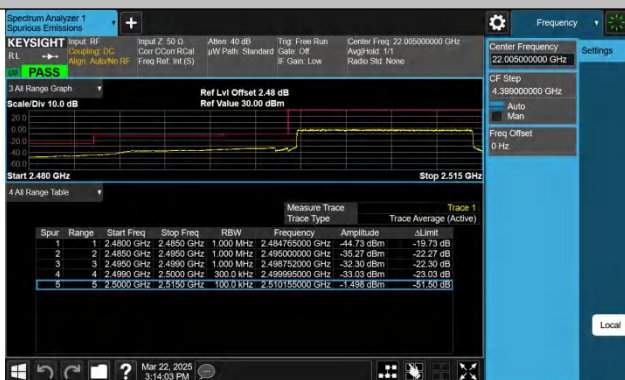
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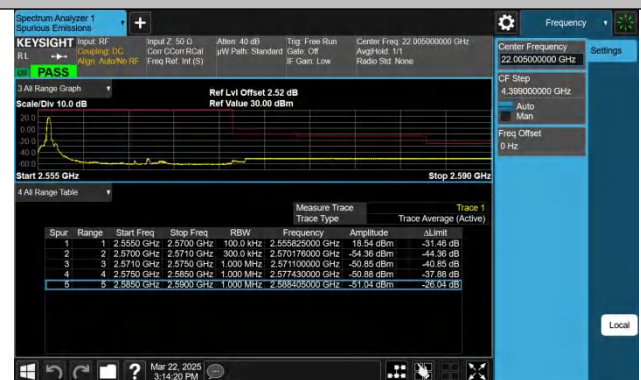
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Band7-15MHz-QPSK-20825-1RB#0-PASS

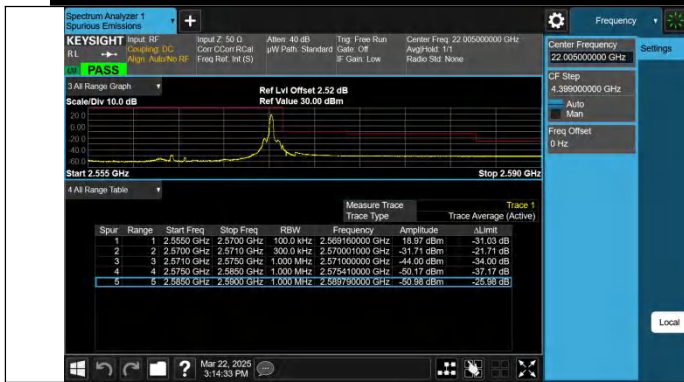


Band7-15MHz-QPSK-20825-1RB#74-PASS



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

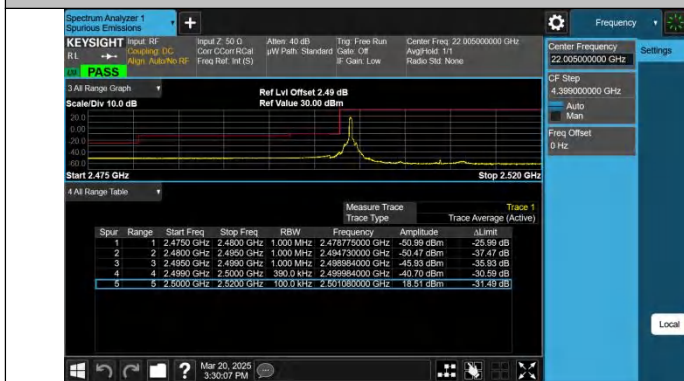
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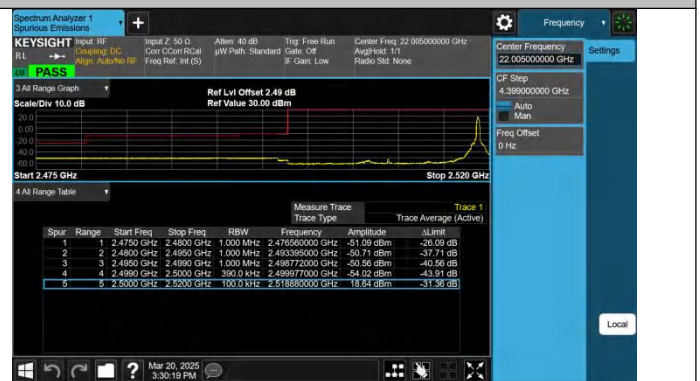
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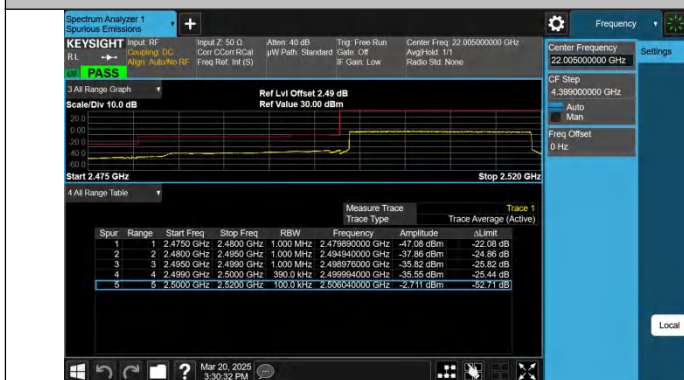
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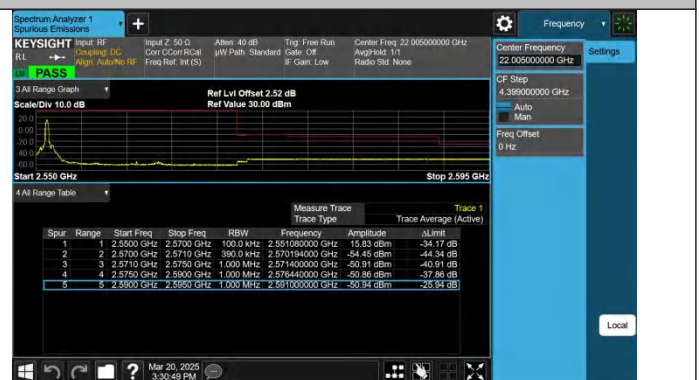
Band7-20MHz-QPSK-20850-1RB#0-PASS



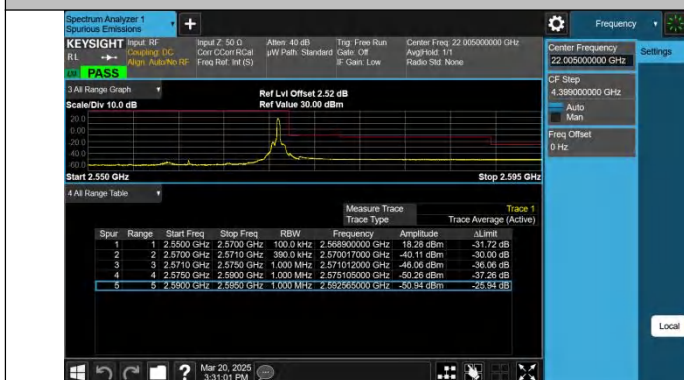
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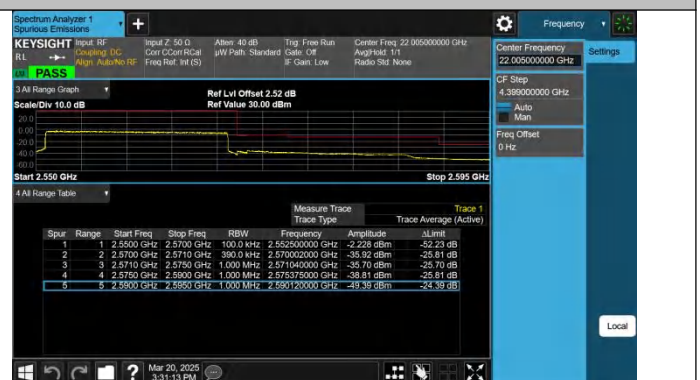
Band7-20MHz-QPSK-20850-100RB#0-PASS



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



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



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

Conducted Spurious Emission

Test Graphs

