

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	EIRP/ERP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.37	2	25.37	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.74	2	24.74	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.39	2	25.39	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.6	2	25.6	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.13	2	25.13	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.61	2	24.61	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.23	2	25.23	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.21	2	25.21	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.58	2	25.58	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.75	2	24.75	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.35	2	25.35	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.42	2	25.42	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.13	2	25.13	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.77	2	23.77	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.18	2	25.18	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.64	2	24.64	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.64	2	24.64	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.49	2	23.49	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.8	2	24.8	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.37	2	24.37	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.81	2	24.81	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.81	2	23.81	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.97	2	24.97	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.92	2	24.92	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.36	2	25.36	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.85	2	24.85	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.33	2	25.33	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.5	2	25.5	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.23	2	25.23	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.64	2	24.64	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.31	2	25.31	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.23	2	25.23	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.41	2	25.41	30	PASS

Band4	3MHz	QPSK	20385	15RB#0	22.73	2	24.73	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.32	2	25.32	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.55	2	25.55	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.04	2	25.04	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.69	2	23.69	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.68	2	24.68	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.63	2	24.63	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.58	2	24.58	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.57	2	23.57	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.51	2	24.51	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.28	2	24.28	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.77	2	24.77	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.4	2	23.4	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.5	2	24.5	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.61	2	24.61	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.41	2	25.41	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.78	2	24.78	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.45	2	25.45	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.42	2	25.42	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.3	2	25.3	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.54	2	24.54	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.2	2	25.2	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.22	2	25.22	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.54	2	25.54	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.8	2	24.8	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.57	2	25.57	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.74	2	25.74	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.34	2	24.34	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.72	2	23.72	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.37	2	24.37	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.36	2	24.36	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.64	2	24.64	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.57	2	23.57	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.27	2	24.27	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.6	2	24.6	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.73	2	24.73	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.81	2	23.81	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.68	2	24.68	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.48	2	25.48	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.31	2	25.31	30	PASS

Band4	10MHz	QPSK	20000	50RB#0	22.81	2	24.81	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.72	2	25.72	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.45	2	25.45	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.3	2	25.3	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.64	2	24.64	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.2	2	25.2	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.34	2	25.34	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.3	2	25.3	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.69	2	24.69	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.32	2	25.32	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.42	2	25.42	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.78	2	24.78	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.62	2	23.62	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.87	2	24.87	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.71	2	24.71	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.56	2	24.56	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.65	2	23.65	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.94	2	24.94	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.59	2	24.59	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.49	2	24.49	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.55	2	23.55	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.6	2	24.6	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	23.06	2	25.06	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.35	2	25.35	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.75	2	24.75	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.41	2	25.41	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.5	2	25.5	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.49	2	25.49	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.65	2	24.65	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.49	2	25.49	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.22	2	25.22	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.23	2	25.23	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.7	2	24.7	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.15	2	25.15	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.39	2	25.39	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.78	2	24.78	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.75	2	23.75	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.75	2	24.75	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.85	2	24.85	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.82	2	24.82	30	PASS

Band4	15MHz	16QAM	20175	75RB#0	21.44	2	23.44	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.55	2	24.55	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.72	2	24.72	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.92	2	24.92	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.66	2	23.66	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.74	2	24.74	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.62	2	24.62	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.41	2	25.41	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.81	2	24.81	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.87	2	25.87	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.41	2	25.41	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.51	2	25.51	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.68	2	24.68	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.62	2	25.62	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.2	2	25.2	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.46	2	25.46	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.76	2	24.76	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.58	2	25.58	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.69	2	25.69	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.02	2	25.02	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.72	2	23.72	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.1	2	25.1	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.84	2	24.84	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.9	2	24.9	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.69	2	23.69	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.97	2	24.97	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.61	2	24.61	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	23.49	2	25.49	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.71	2	23.71	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.62	2	25.62	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.33	2	25.33	30	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	5.18	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.11	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.20	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.07	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.23	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.09	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.20	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.05	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.32	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.11	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.09	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.99	13	PASS

Test Graphs



Band4-1.4MHz-QPSK-20175-6RB#0-PASS



Band4-1.4MHz-16QAM-20175-6RB#0-PASS



Band4-3MHz-QPSK-20175-15RB#0-PASS



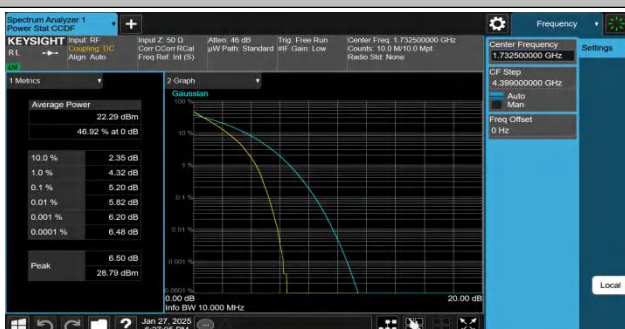
Band4-3MHz-16QAM-20175-15RB#0-PASS



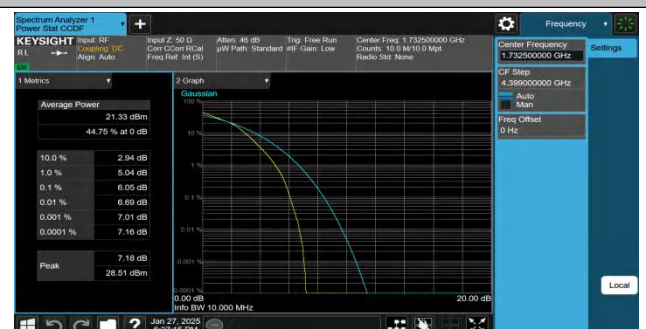
Band4-5MHz-QPSK-20175-25RB#0-PASS



Band4-5MHz-16QAM-20175-25RB#0-PASS



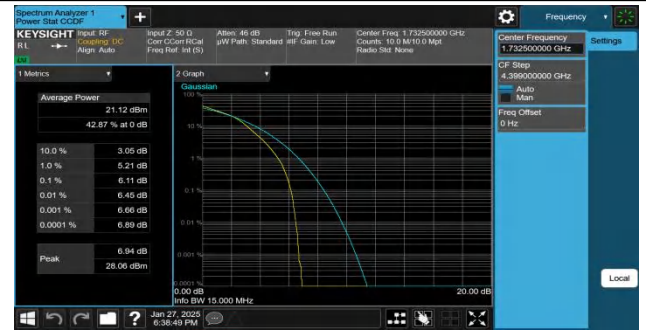
Band4-10MHz-QPSK-20175-50RB#0-PASS



Band4-10MHz-16QAM-20175-50RB#0-PASS



Band4-15MHz-QPSK-20175-75RB#0-PASS



Band4-15MHz-16QAM-20175-75RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS



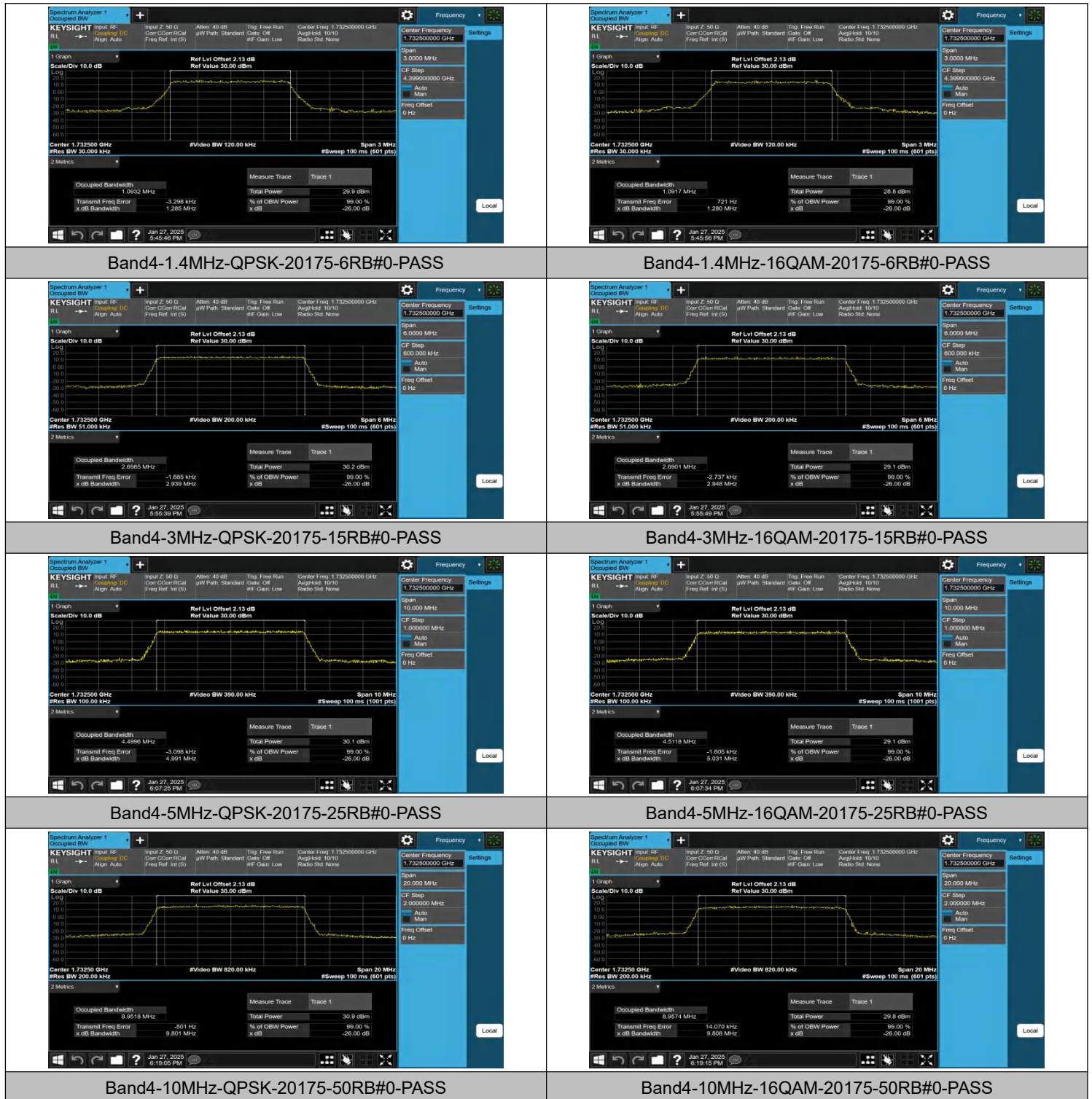
Band4-20MHz-16QAM-20175-100RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	1.0932	1.285	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0917	1.280	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6985	2.939	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6901	2.948	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4996	4.991	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5118	5.031	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9518	9.801	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9574	9.808	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.408	14.58	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.428	14.67	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.855	19.39	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.884	19.49	PASS

Test Graphs





Band4-15MHz-QPSK-20175-75RB#0-PASS



Band4-15MHz-16QAM-20175-75RB#0-PASS



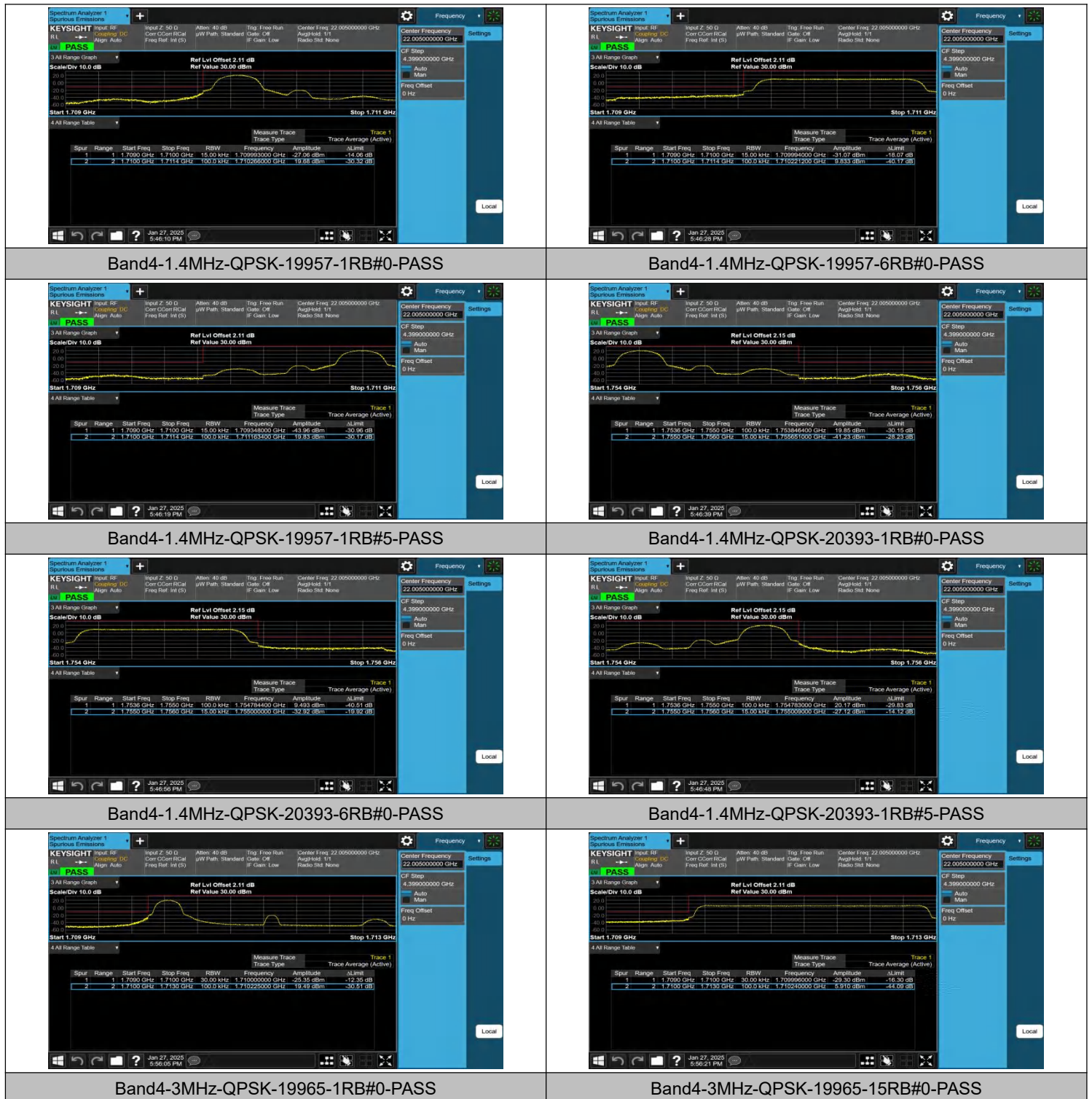
Band4-20MHz-QPSK-20175-100RB#0-PASS

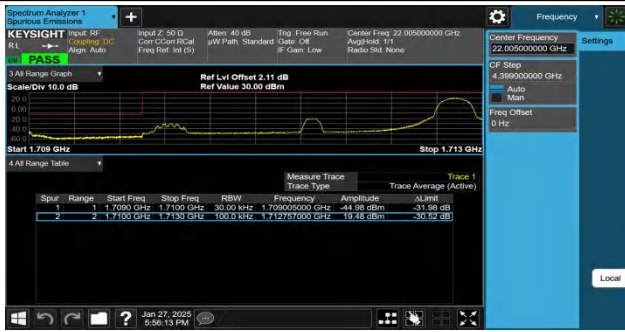


Band4-20MHz-16QAM-20175-100RB#0-PASS

Band Edge

Test Graphs

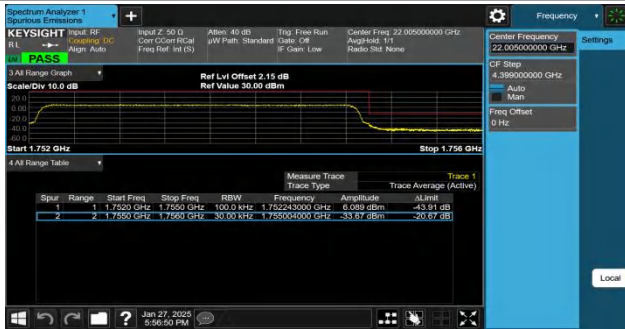




Band4-3MHz-QPSK-19965-1RB#14-PASS



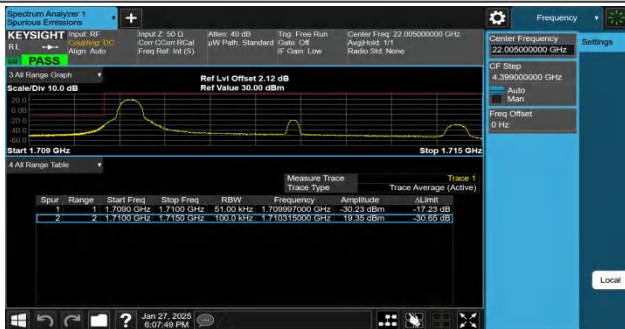
Band4-3MHz-QPSK-20385-1RB#0-PASS



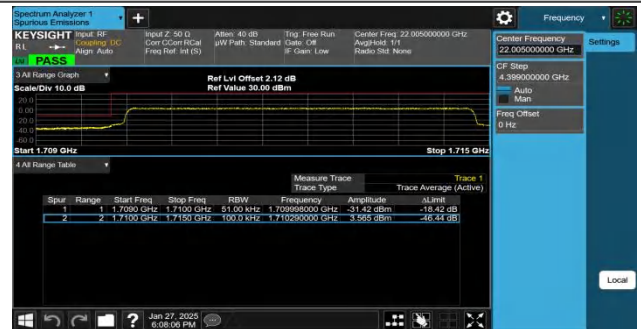
Band4-3MHz-QPSK-20385-15RB#0-PASS



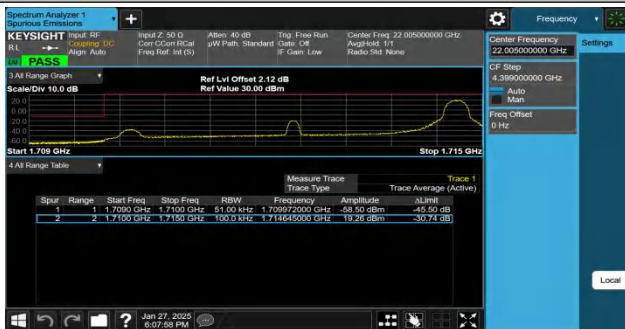
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Band4-5MHz-QPSK-19975-1RB#0-PASS



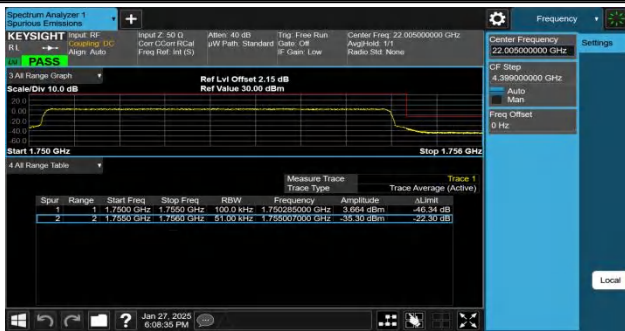
Band4-5MHz-QPSK-20385-1RB#14-PASS



Band4-5MHz-QPSK-19975-1RB#24-PASS



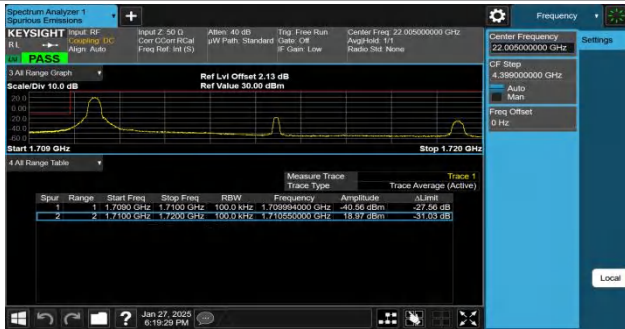
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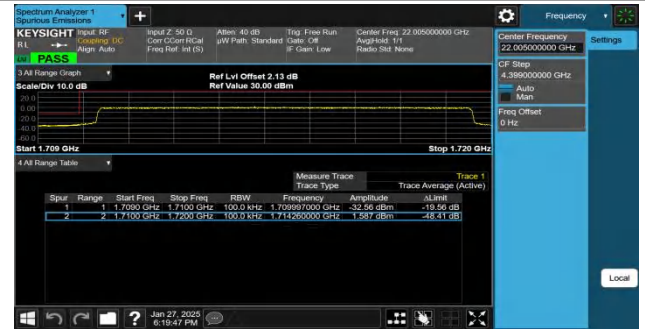
Band4-5MHz-QPSK-20375-25RB#0-PASS



Band4-5MHz-QPSK-20375-1RB#24-PASS



Band4-10MHz-QPSK-20000-1RB#0-PASS



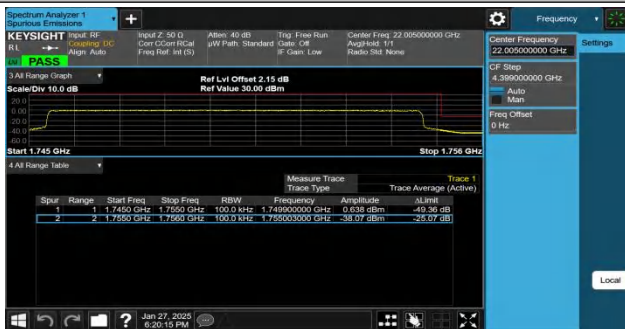
Band4-10MHz-QPSK-20000-50RB#0-PASS



Band4-10MHz-QPSK-20000-1RB#49-PASS



Band4-10MHz-QPSK-20350-1RB#0-PASS



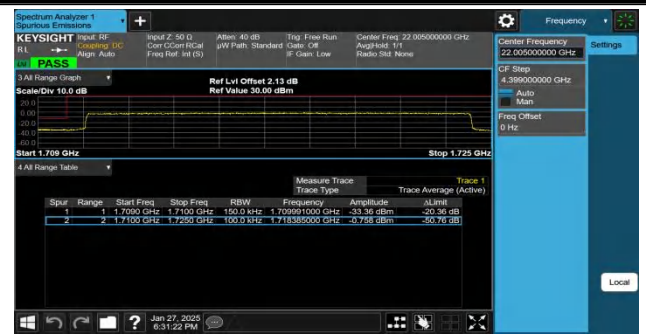
Band4-10MHz-QPSK-20350-50RB#0-PASS



Band4-10MHz-QPSK-20350-1RB#49-PASS



Band4-15MHz-QPSK-20025-1RB#0-PASS



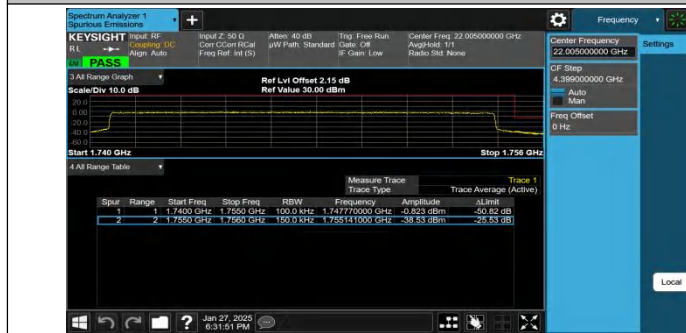
Band4-15MHz-QPSK-20025-75RB#0-PASS



Band4-15MHz-QPSK-20025-1RB#74-PASS



Band4-15MHz-QPSK-20025-75RB#74-PASS



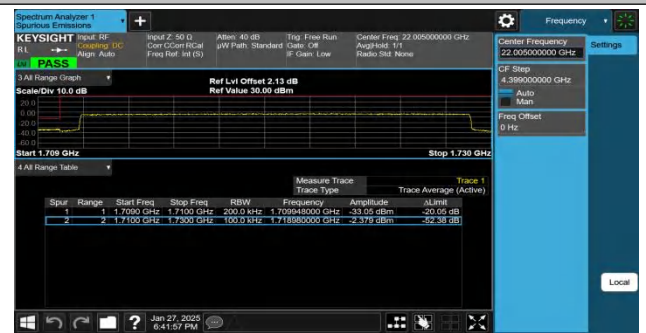
Band4-15MHz-QPSK-20325-1RB#0-PASS



Band4-15MHz-QPSK-20325-75RB#0-PASS



Band4-20MHz-QPSK-20050-1RB#0-PASS



Band4-20MHz-QPSK-20050-100RB#0-PASS



Band4-20MHz-QPSK-20050-1RB#99-PASS



Band4-20MHz-QPSK-20300-1RB#0-PASS



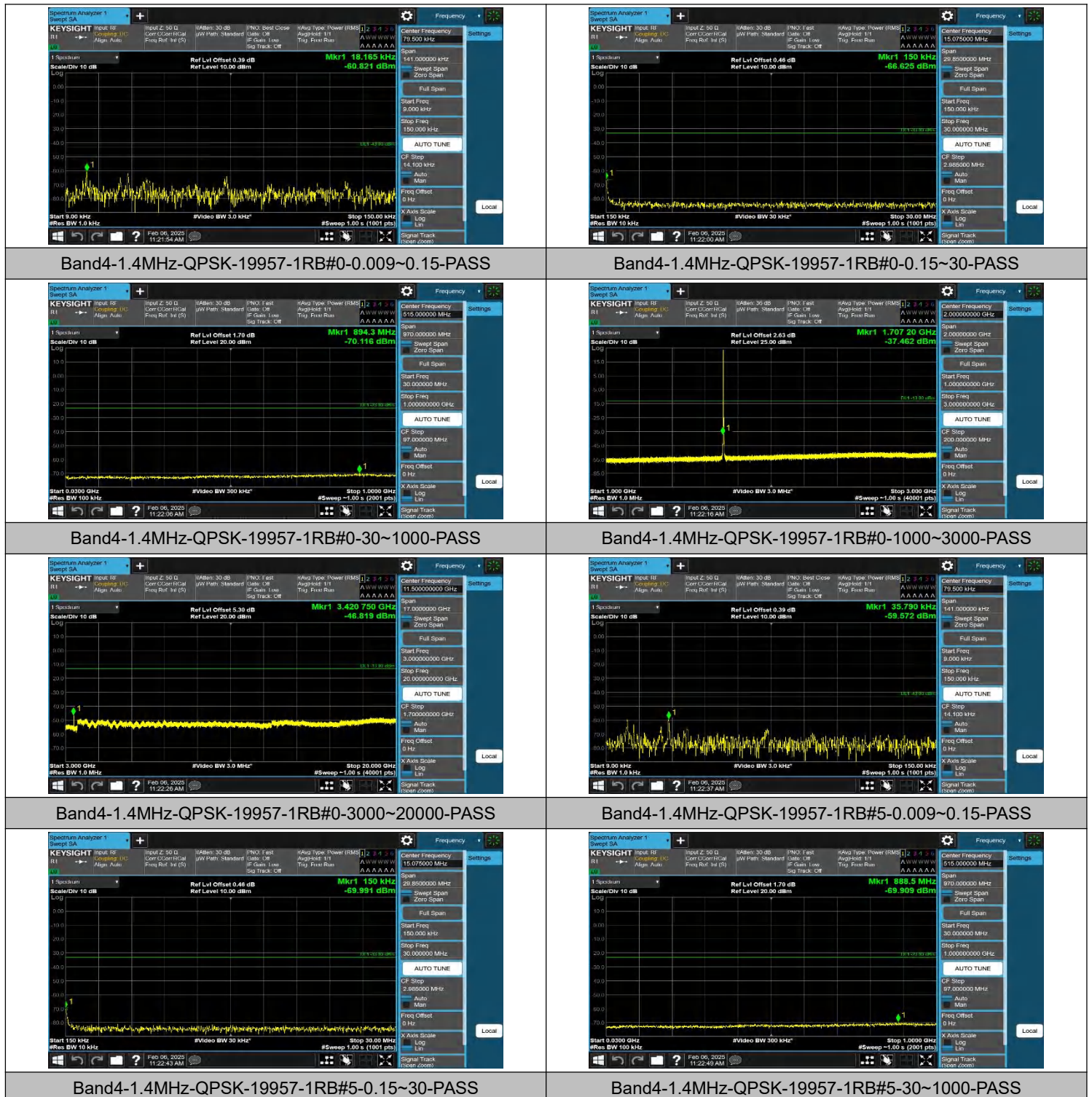
Band4-20MHz-QPSK-20300-100RB#0-PASS



Band4-20MHz-QPSK-20300-1RB#99-PASS

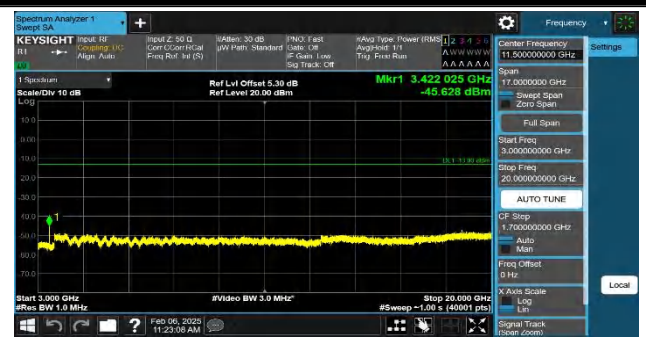
Conducted Spurious Emission

Test Graphs





Band4-1.4MHz-QPSK-19957-1RB#5-1000~3000-PASS



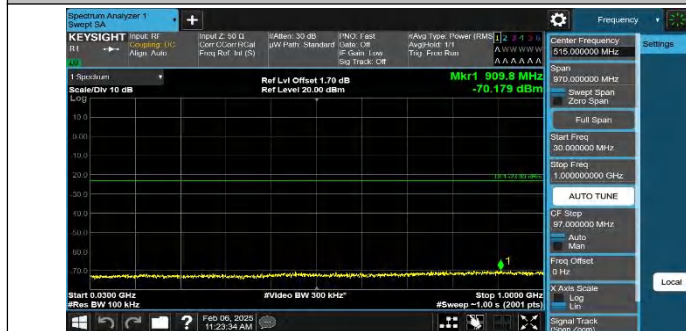
Band4-1.4MHz-QPSK-19957-1RB#5-3000~20000-PASS



Band4-1.4MHz-QPSK-20175-1RB#0-0.009~0.15-PASS



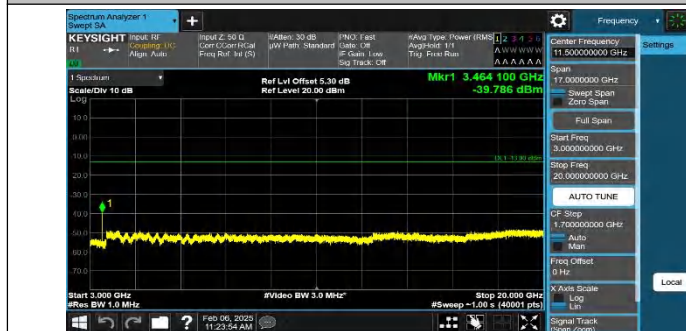
Band4-1.4MHz-QPSK-20175-1RB#0-0.15~30-PASS



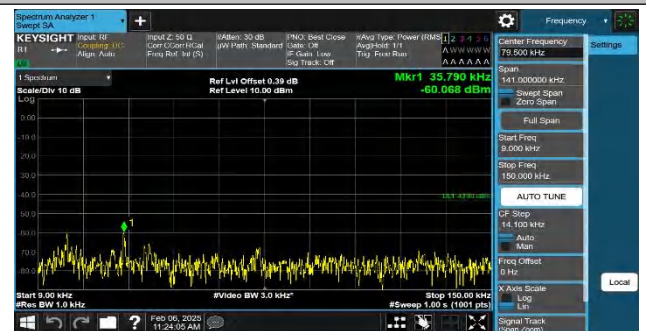
Band4-1.4MHz-QPSK-20175-1RB#0-30~1000-PASS



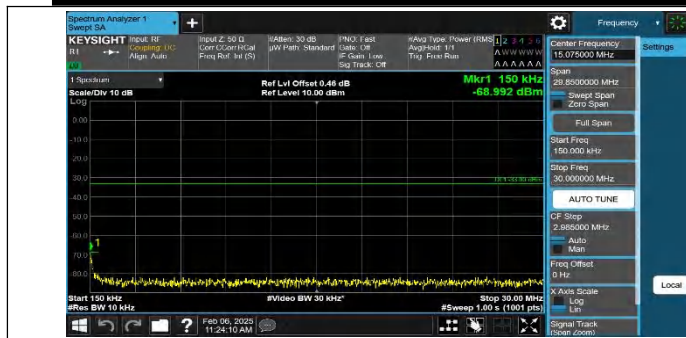
Band4-1.4MHz-QPSK-20175-1RB#0-1000~3000-PASS



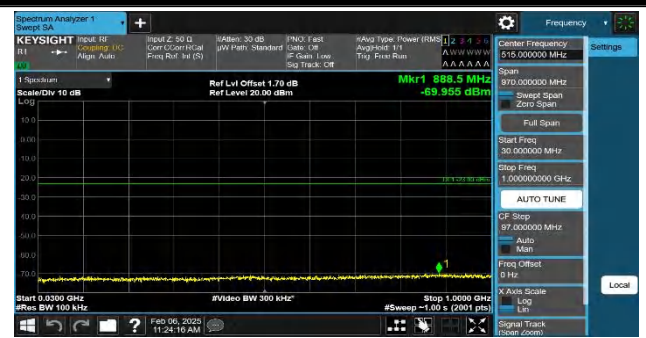
Band4-1.4MHz-QPSK-20175-1RB#0-3000~20000-PASS



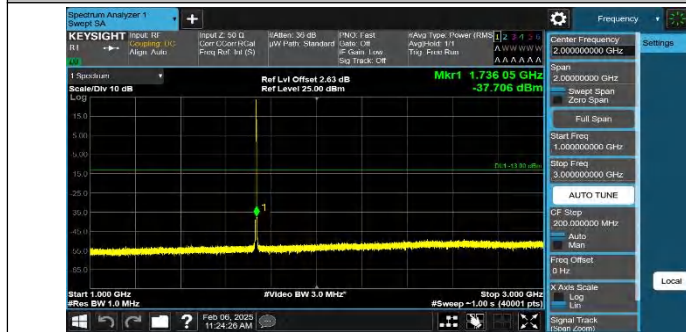
Band4-1.4MHz-QPSK-20175-1RB#5-0.009~0.15-PASS



Band4-1.4MHz-QPSK-20175-1RB#5-0.15~30-PASS



Band4-1.4MHz-QPSK-20175-1RB#5-30~1000-PASS



Band4-1.4MHz-QPSK-20175-1RB#5-1000~3000-PASS



Band4-1.4MHz-QPSK-20175-1RB#5-3000~20000-PASS



Band4-1.4MHz-QPSK-20393-1RB#0-0.009~0.15-PASS



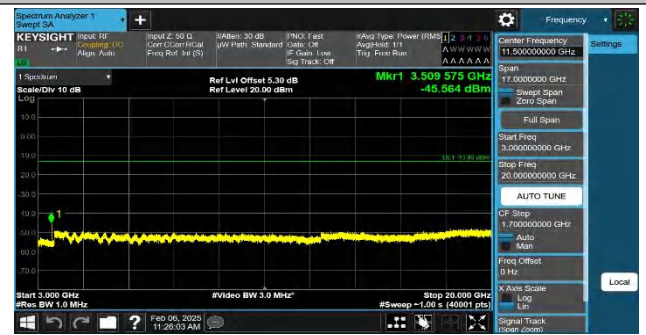
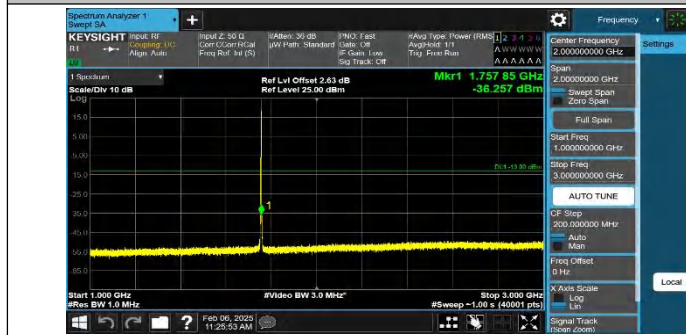
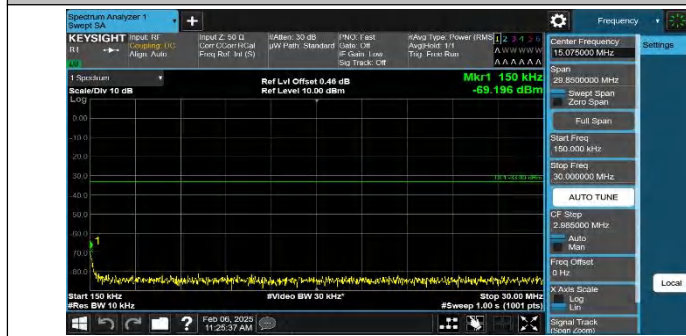
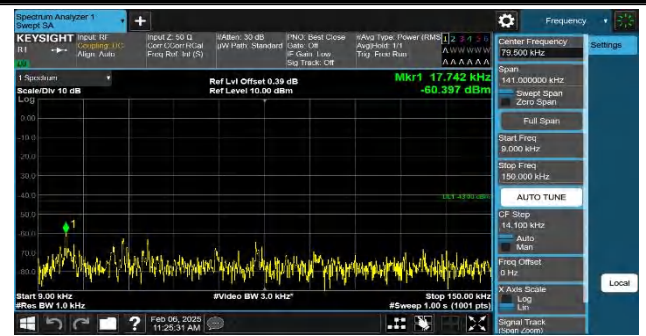
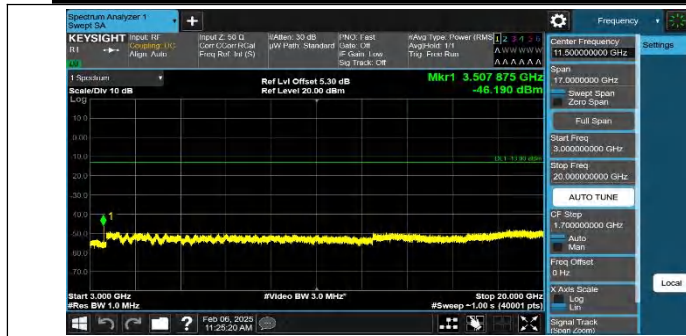
Band4-1.4MHz-QPSK-20393-1RB#0-0.15~30-PASS



Band4-1.4MHz-QPSK-20393-1RB#0-30~1000-PASS



Band4-1.4MHz-QPSK-20393-1RB#0-1000~3000-PASS





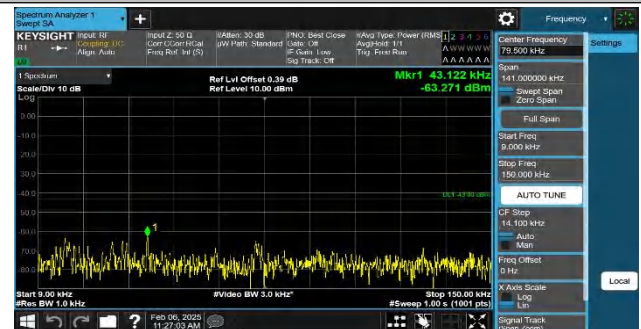
Band4-3MHz-QPSK-19965-1RB#0-30~1000-PASS



Band4-3MHz-QPSK-19965-1RB#0-1000~3000-PASS



Band4-3MHz-QPSK-19965-1RB#0-3000~20000-PASS



Band4-3MHz-QPSK-19965-1RB#14-0.009~0.15-PASS



Band4-3MHz-QPSK-19965-1RB#14-0.15~30-PASS



Band4-3MHz-QPSK-19965-1RB#14-30~1000-PASS



Band4-3MHz-QPSK-19965-1RB#14-1000~3000-PASS



Band4-3MHz-QPSK-19965-1RB#14-3000~20000-PASS