

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
Band4	1.4MHz	QPSK	19957	1RB#0	23.03	2	25.03	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.04	2	24.04	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.08	2	25.08	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.01	2	25.01	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.03	2	25.03	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.09	2	24.09	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.94	2	24.94	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.99	2	24.99	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.38	2	25.38	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.45	2	24.45	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.44	2	25.44	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.41	2	25.41	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22	2	24	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.04	2	23.04	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.05	2	24.05	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.97	2	23.97	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.06	2	24.06	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.12	2	23.12	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.09	2	24.09	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.12	2	24.12	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.39	2	24.39	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.45	2	23.45	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.41	2	24.41	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.38	2	24.38	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.79	2	24.79	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.07	2	24.07	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.06	2	25.06	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.87	2	24.87	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.84	2	24.84	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.01	2	24.01	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.99	2	24.99	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.79	2	24.79	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.24	2	25.24	30	PASS

Band4	3MHz	QPSK	20385	15RB#0	22.37	2	24.37	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.4	2	25.4	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.24	2	25.24	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.15	2	24.15	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.11	2	23.11	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.31	2	24.31	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.15	2	24.15	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.17	2	24.17	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.1	2	23.1	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.3	2	24.3	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.1	2	24.1	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.28	2	24.28	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.43	2	23.43	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.42	2	24.42	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.25	2	24.25	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.54	2	25.54	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.43	2	24.43	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.46	2	25.46	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.44	2	25.44	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.09	2	25.09	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.13	2	24.13	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.07	2	25.07	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.02	2	25.02	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.46	2	25.46	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.45	2	24.45	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.42	2	25.42	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.39	2	25.39	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.23	2	24.23	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.5	2	23.5	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.18	2	24.18	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.19	2	24.19	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.97	2	23.97	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.22	2	23.22	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.91	2	23.91	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.87	2	23.87	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.77	2	24.77	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.59	2	23.59	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.66	2	24.66	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.65	2	24.65	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.41	2	25.41	30	PASS

Band4	10MHz	QPSK	20000	50RB#0	22.47	2	24.47	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.42	2	25.42	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.45	2	25.45	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.15	2	25.15	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.19	2	24.19	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.08	2	25.08	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.01	2	25.01	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.31	2	25.31	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.52	2	24.52	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.45	2	25.45	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.52	2	25.52	30	PASS
Band4	10MHz	16QAM	20000	27RB#0	21.47	2	23.47	30	PASS
Band4	10MHz	16QAM	20175	27RB#0	21.43	2	23.43	30	PASS
Band4	10MHz	16QAM	20350	27RB#0	21.63	2	23.63	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.56	2	24.56	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.61	2	24.61	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.66	2	24.66	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.4	2	24.4	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.38	2	24.38	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.33	2	24.33	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.33	2	24.33	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.53	2	24.53	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.62	2	24.62	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.4	2	25.4	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.63	2	24.63	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.57	2	25.57	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.6	2	25.6	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.28	2	25.28	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.35	2	24.35	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.12	2	25.12	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.12	2	25.12	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.17	2	25.17	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.38	2	24.38	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.48	2	25.48	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.55	2	25.55	30	PASS
Band4	15MHz	16QAM	20025	27RB#0	21.7	2	23.7	30	PASS
Band4	15MHz	16QAM	20175	27RB#0	21.36	2	23.36	30	PASS
Band4	15MHz	16QAM	20325	27RB#0	21.24	2	23.24	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.8	2	24.8	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.89	2	24.89	30	PASS

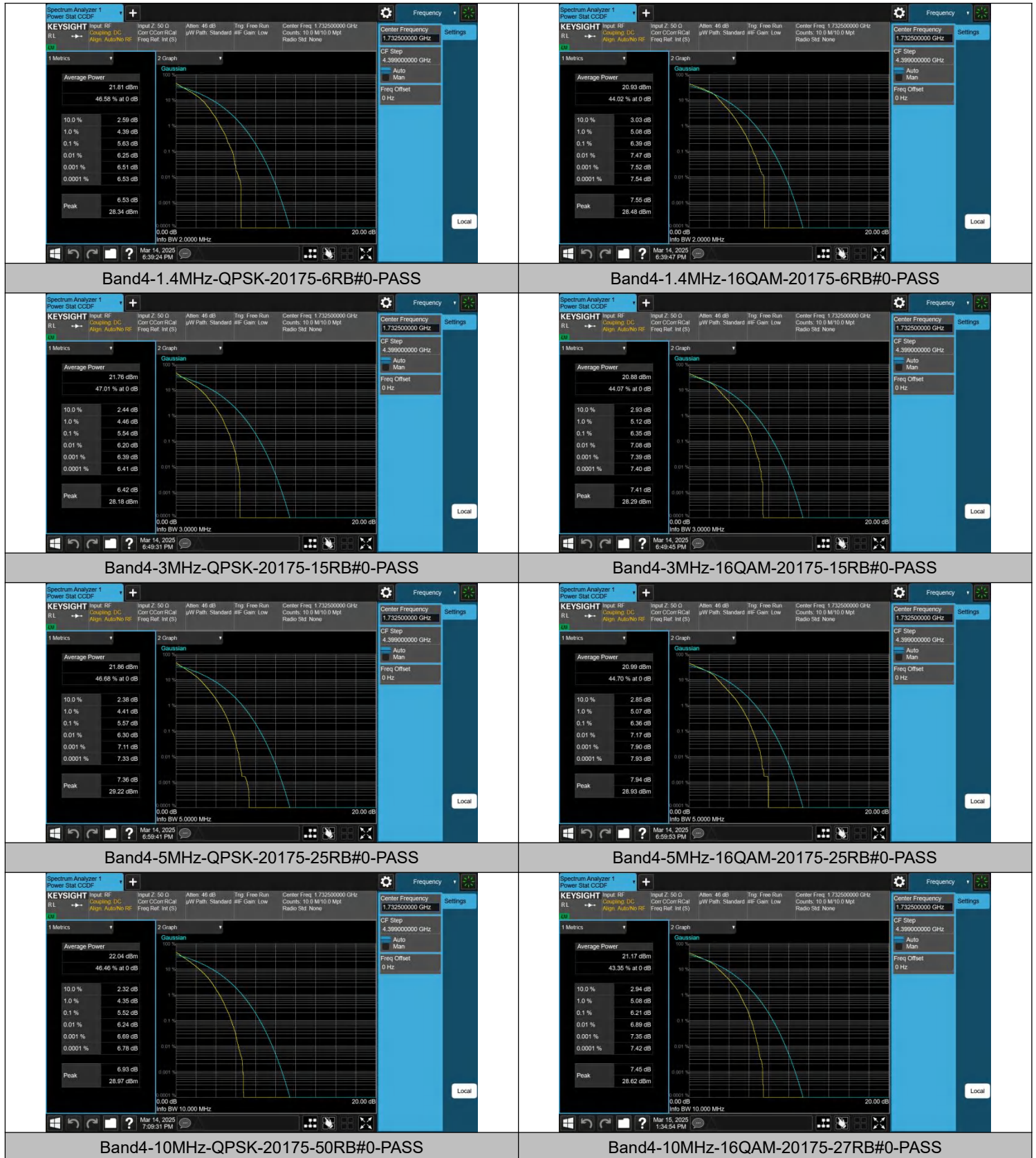
Band4	15MHz	16QAM	20025	1RB#74	22.92	2	24.92	30	PASS
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Band4	15MHz	16QAM	20175	1RB#38	22.42	2	24.42	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.56	2	24.56	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.13	2	24.13	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.62	2	24.62	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.71	2	24.71	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.52	2	25.52	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.67	2	24.67	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.54	2	25.54	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.56	2	25.56	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.3	2	25.3	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.14	2	24.14	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.24	2	25.24	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.19	2	25.19	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.1	2	25.1	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.28	2	24.28	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.34	2	25.34	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.63	2	25.63	30	PASS
Band4	20MHz	16QAM	20050	27RB#0	21.64	2	23.64	30	PASS
Band4	20MHz	16QAM	20175	27RB#0	21.42	2	23.42	30	PASS
Band4	20MHz	16QAM	20300	27RB#0	21.37	2	23.37	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.52	2	24.52	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.73	2	24.73	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.61	2	24.61	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.47	2	24.47	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.24	2	24.24	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.31	2	24.31	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.53	2	24.53	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.85	2	24.85	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	23.06	2	25.06	30	PASS

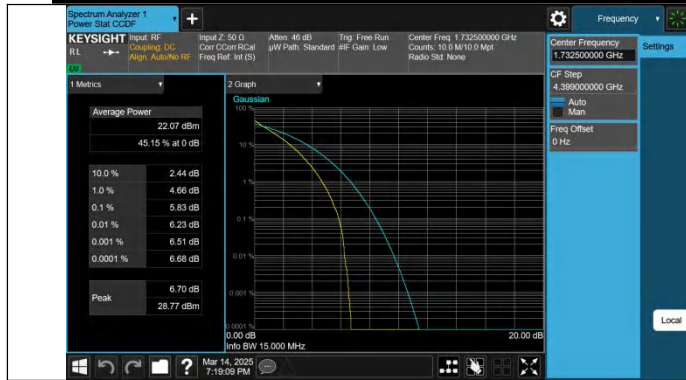
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	5.63	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.39	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.54	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.35	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.57	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.36	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.52	13	PASS
Band4	10MHz	16QAM	20175	27RB#0	6.21	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.83	13	PASS
Band4	15MHz	16QAM	20175	27RB#0	6.21	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.56	13	PASS
Band4	20MHz	16QAM	20175	27RB#0	6.20	13	PASS

Test Graphs



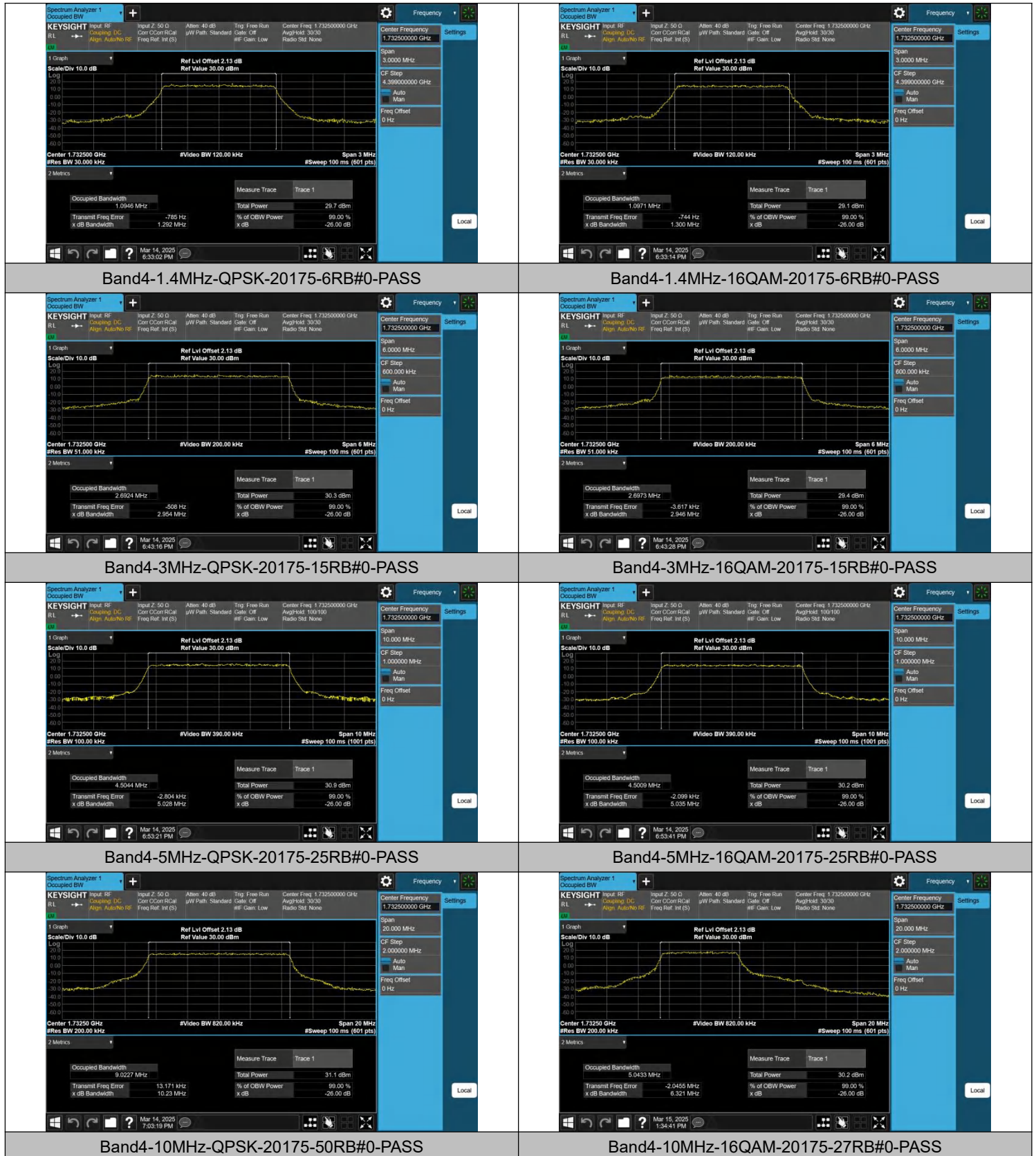


26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	1.0946	1.292	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0971	1.300	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6924	2.954	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6973	2.946	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5044	5.028	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5009	5.035	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0227	10.23	PASS
Band4	10MHz	16QAM	20175	27RB#0	5.0433	6.321	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.512	15.36	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.1820	6.929	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.054	20.11	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.3975	7.034	PASS

Test Graphs





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



Band4-15MHz-16QAM-20175-27RB#0-PASS



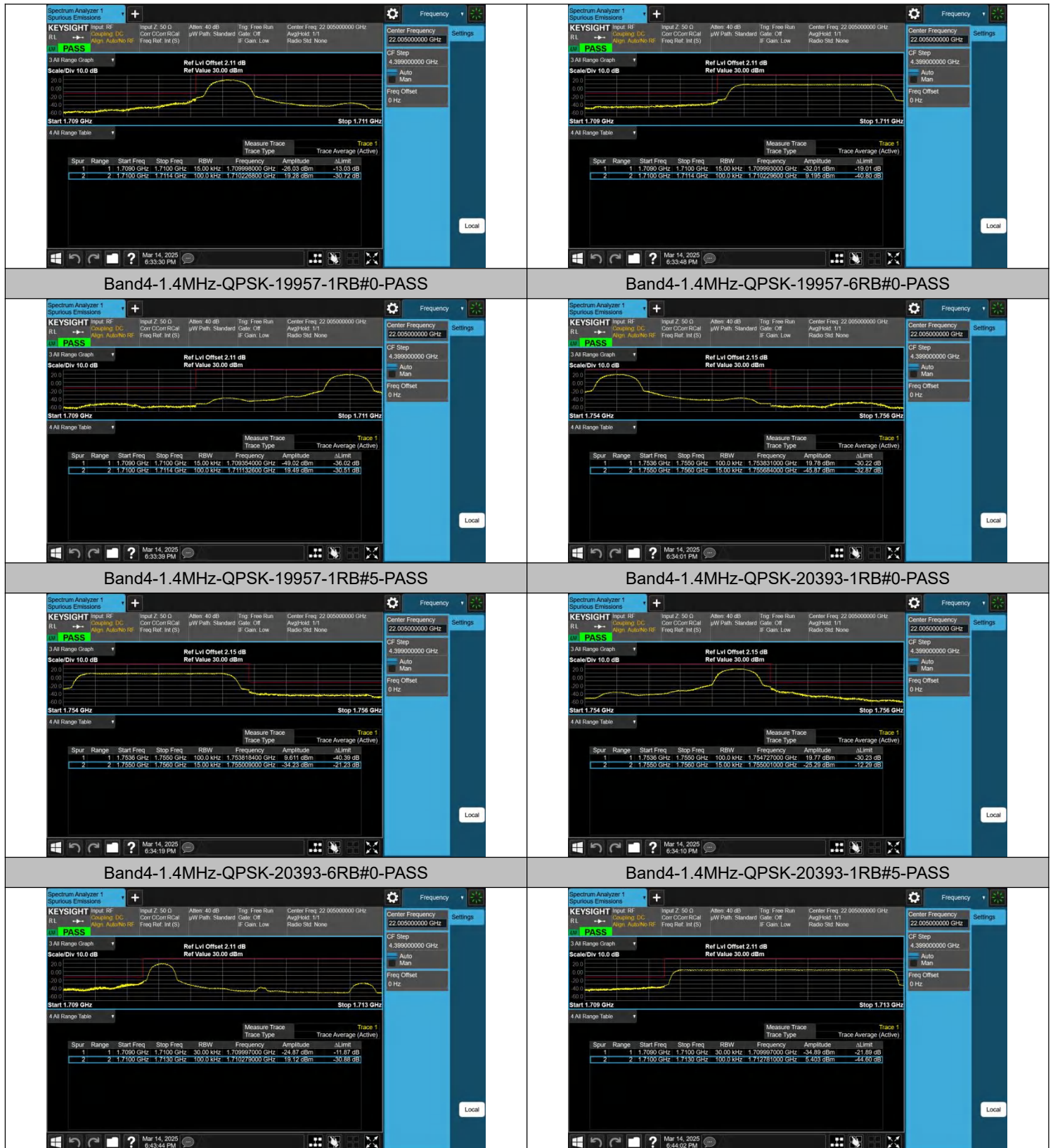
Band4-20MHz-QPSK-20175-100RB#0-PASS



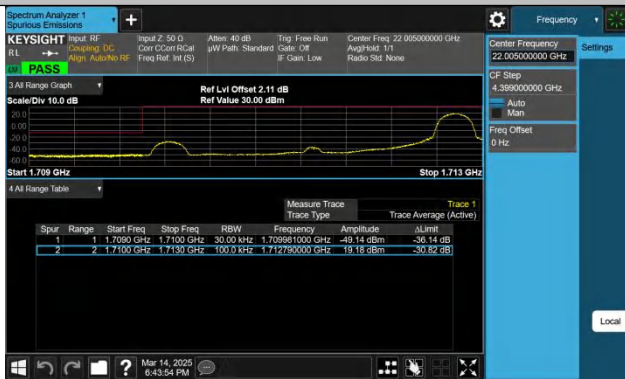
Band4-20MHz-16QAM-20175-27RB#0-PASS

Band Edge

Test Graphs



Band4-3MHz-QPSK-19965-1RB#0-PASS



Band4-3MHz-QPSK-19965-15RB#0-PASS



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



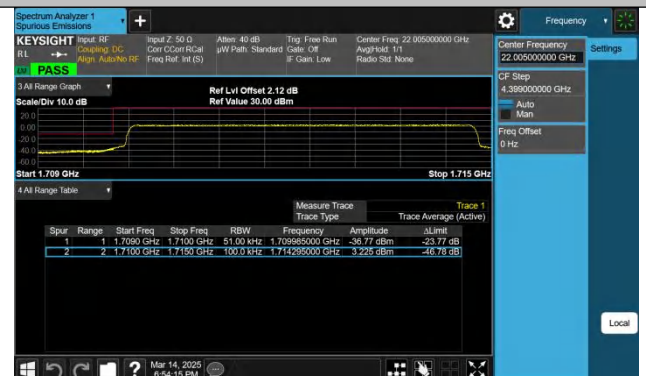
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Band4-3MHz-QPSK-20385-15RB#0-PASS



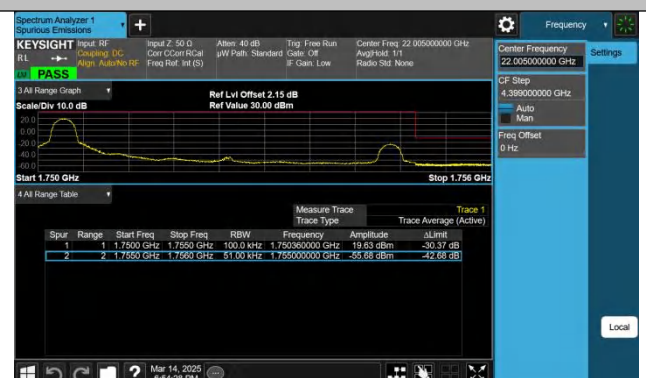
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Band4-5MHz-QPSK-19975-1RB#0-PASS

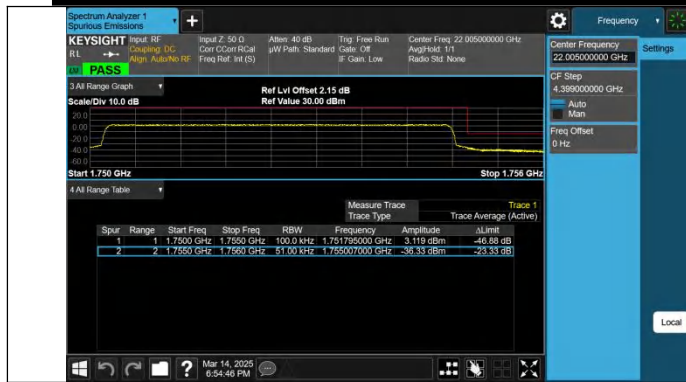


Band4-5MHz-QPSK-19975-25RB#0-PASS



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

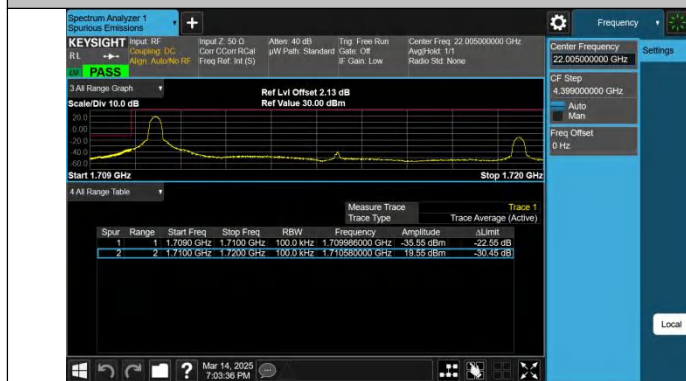
Band4-5MHz-QPSK-20375-1RB#0-PASS



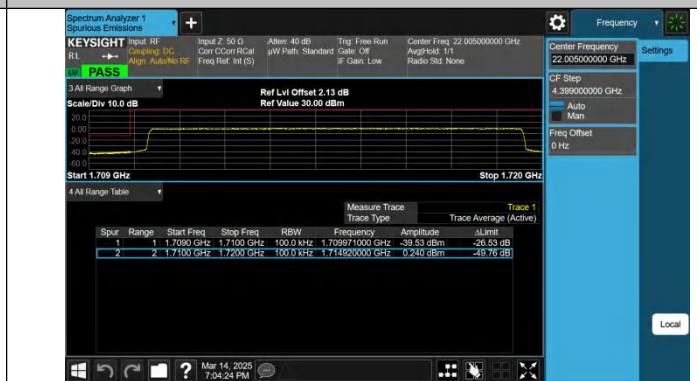
Band4-5MHz-QPSK-20375-25RB#0-PASS



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



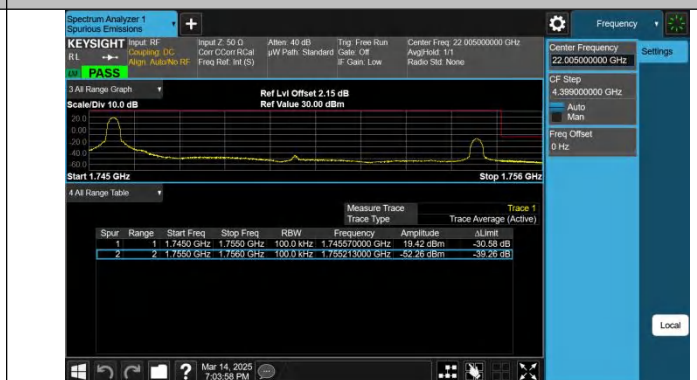
Band4-10MHz-QPSK-20000-1RB#0-PASS



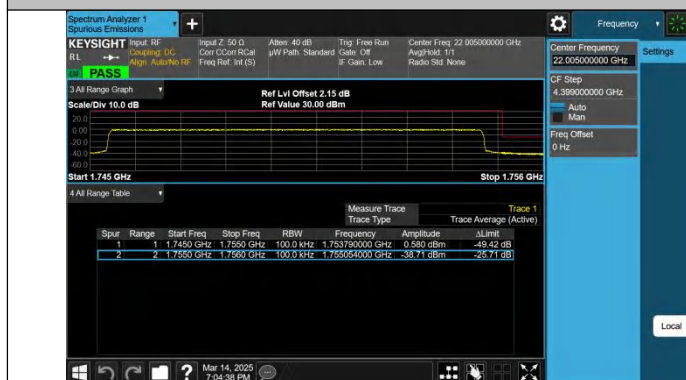
Band4-10MHz-QPSK-20000-50RB#0-PASS



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



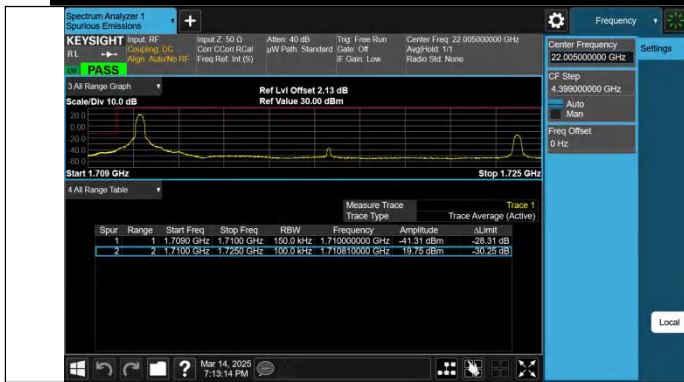
Band4-10MHz-QPSK-20350-1RB#0-PASS



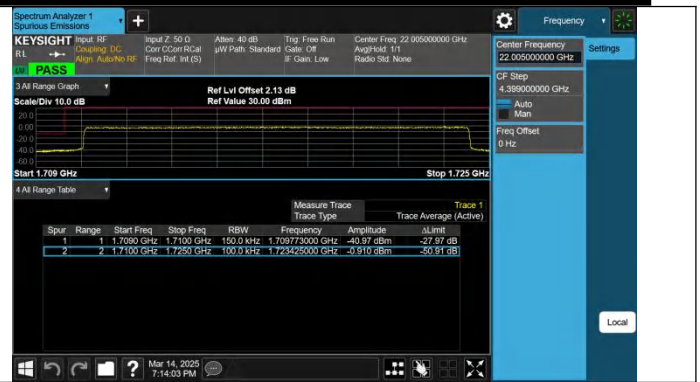
Band4-10MHz-QPSK-20350-50RB#0-PASS



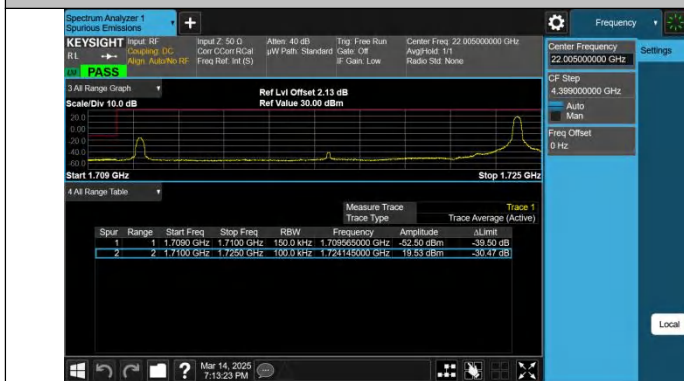
Band4-10MHz-QPSK-20350-1RB#49-PASS



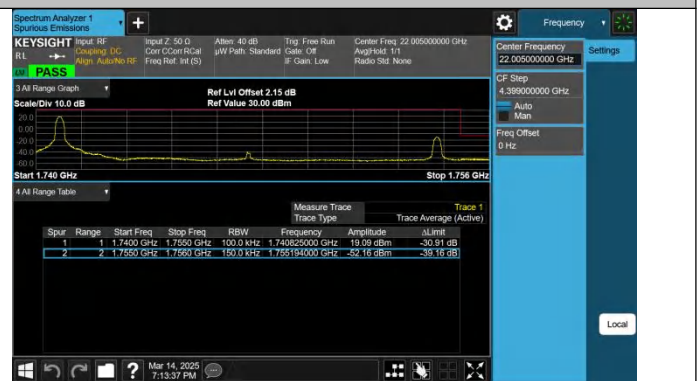
Band4-15MHz-QPSK-20025-1RB#0-PASS



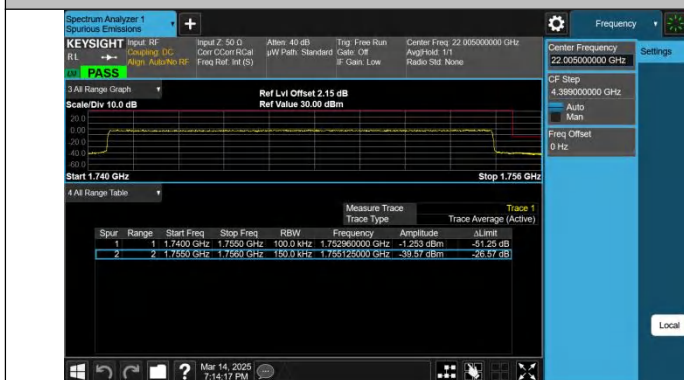
Band4-15MHz-QPSK-20025-75RB#0-PASS



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



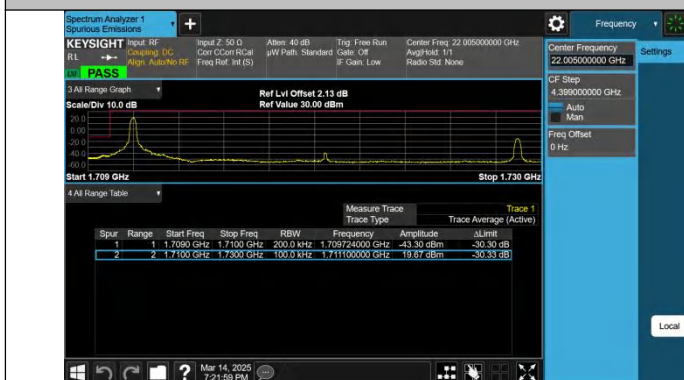
Band4-15MHz-QPSK-20325-1RB#0-PASS



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



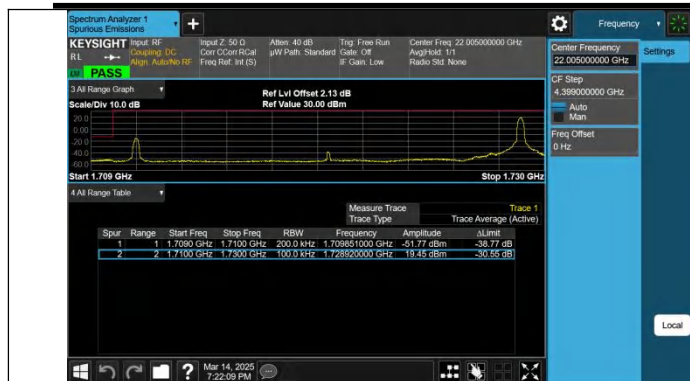
Band4-15MHz-QPSK-20325-1RB#74-PASS



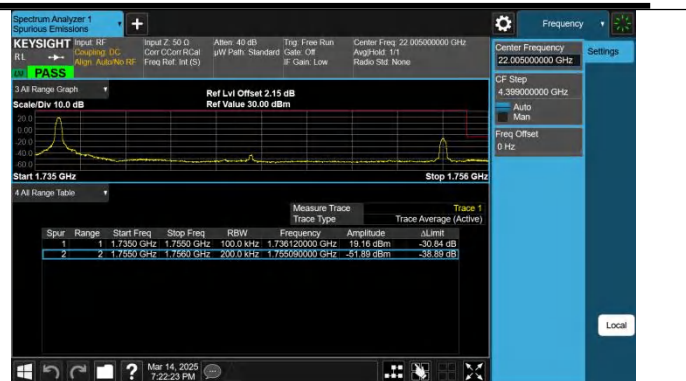
Band4-20MHz-QPSK-20050-1RB#0-PASS



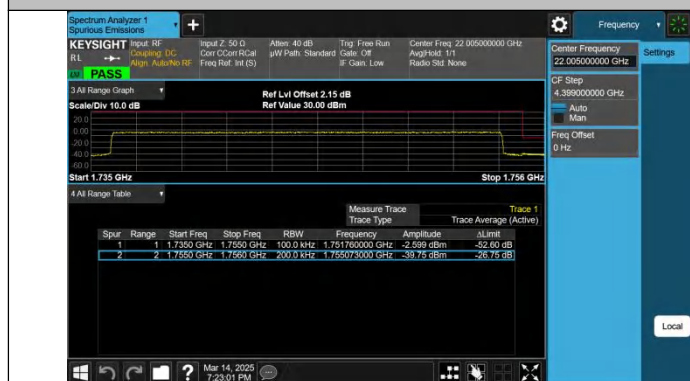
Band4-20MHz-QPSK-20050-100RB#0-PASS



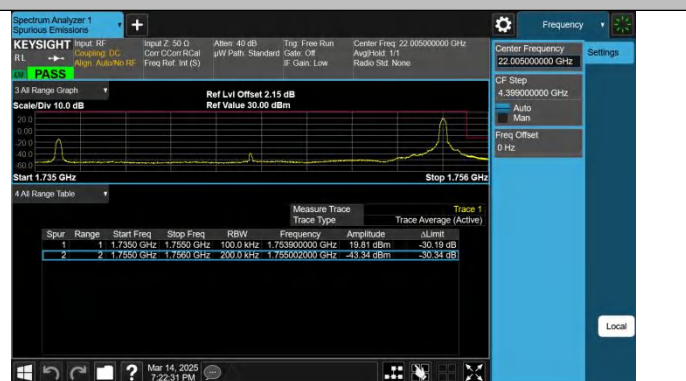
Band4-20MHz-QPSK-20050-1RB#99-PASS



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



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



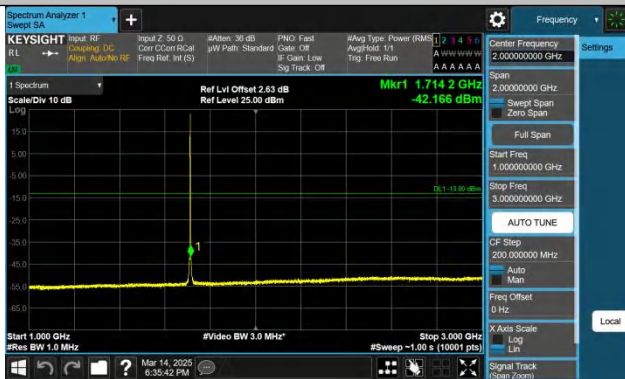
Band4-20MHz-QPSK-20300-1RB#99-PASS

Conducted Spurious Emission

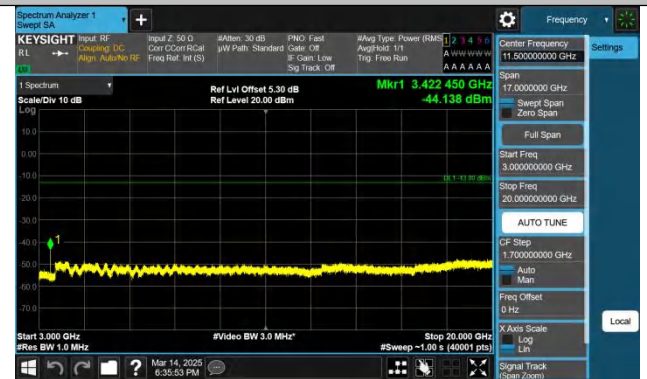
Test Graphs



Band4-1.4MHz-QPSK-19957-1RB#5-0.15~30-PASS



Band4-1.4MHz-QPSK-19957-1RB#5-30~1000-PASS



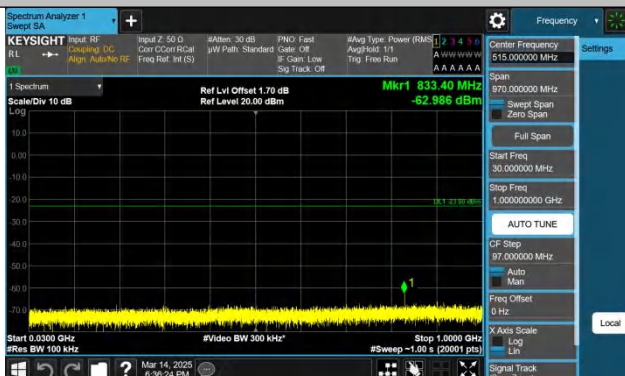
Band4-1.4MHz-QPSK-19957-1RB#5-1000~3000-PASS



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

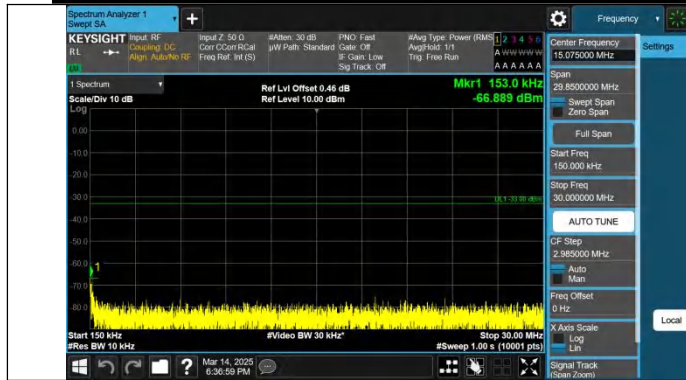


Band4-1.4MHz-QPSK-20175-1RB#0-1000~3000-PASS

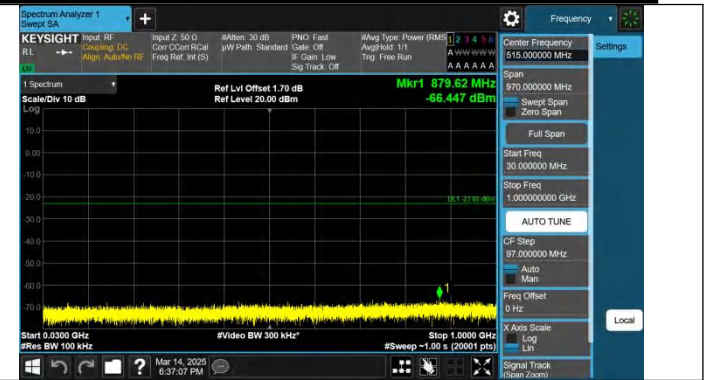


Band4-1.4MHz-QPSK-20175-1RB#0-3000~20000-PASS

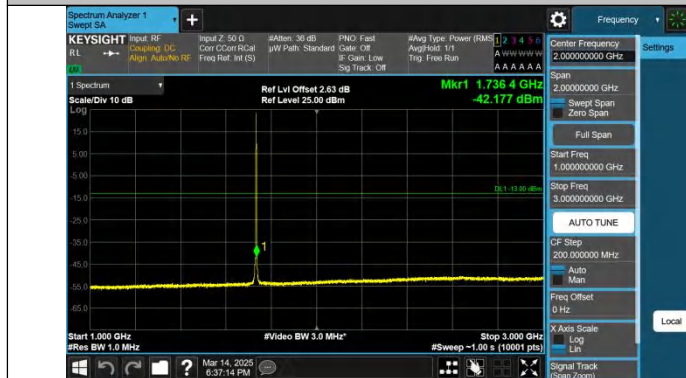
Band4-1.4MHz-QPSK-20175-1RB#5-0.009~0.15-PASS



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



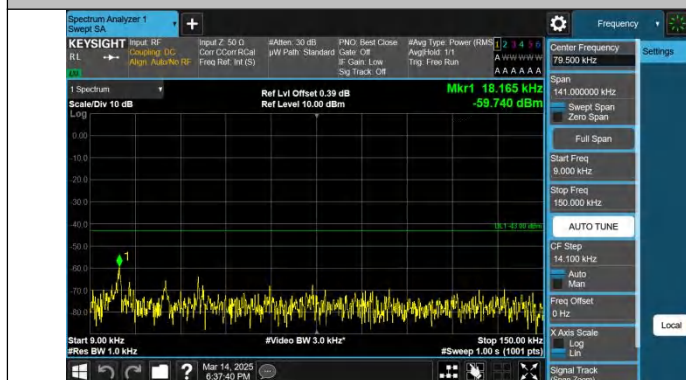
Band4-1.4MHz-QPSK-20175-1RB#5-30~1000-PASS



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



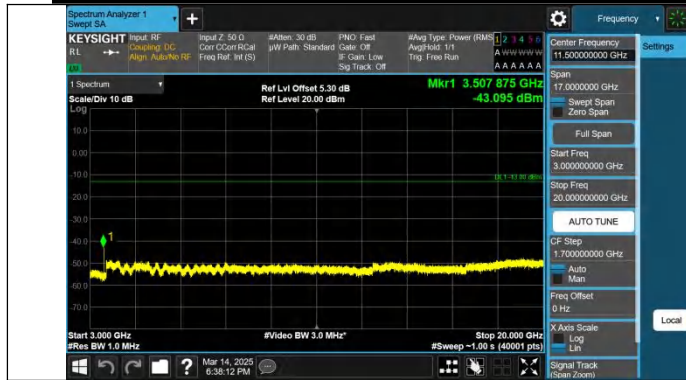
Band4-1.4MHz-QPSK-20393-1RB#0-0.15~30-PASS



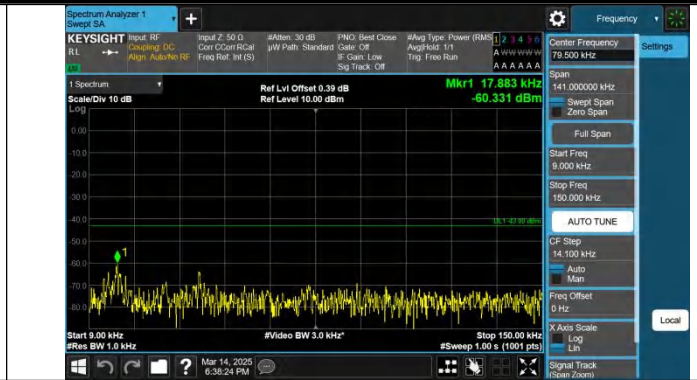
Band4-1.4MHz-QPSK-20393-1RB#0-30~1000-PASS



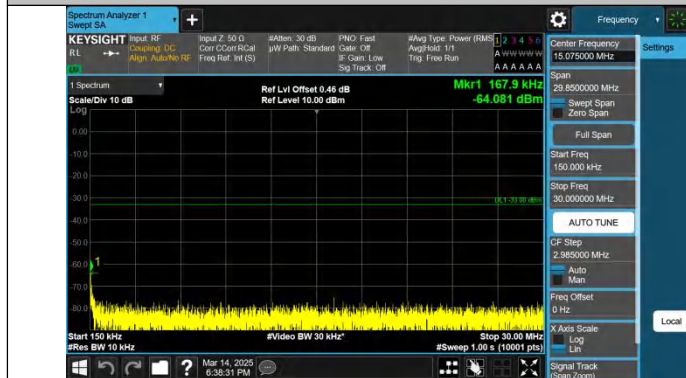
Band4-1.4MHz-QPSK-20393-1RB#0-1000~3000-PASS



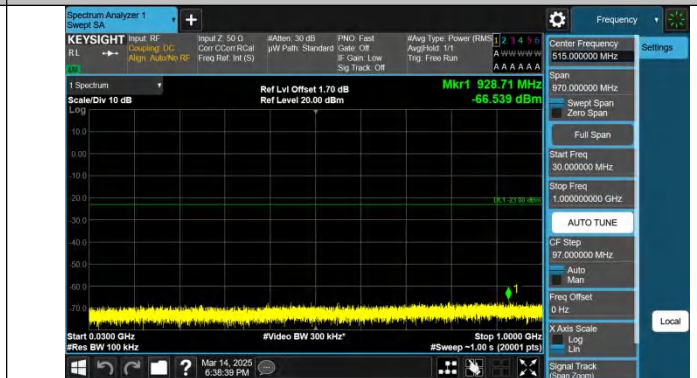
Band4-1.4MHz-QPSK-20393-1RB#0-3000~20000-PASS



Band4-1.4MHz-QPSK-20393-1RB#5-0.009~0.15-PASS



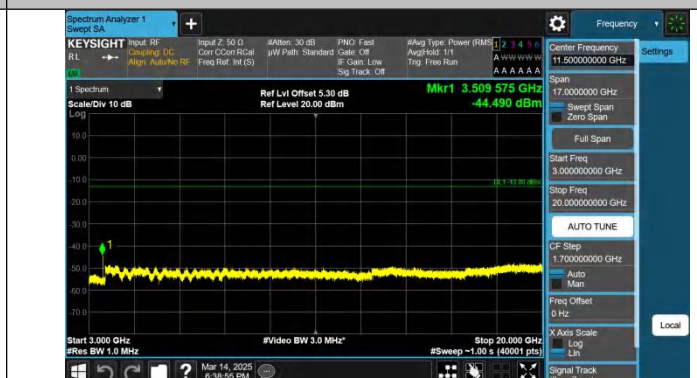
Band4-1.4MHz-QPSK-20393-1RB#5-0.15~30-PASS



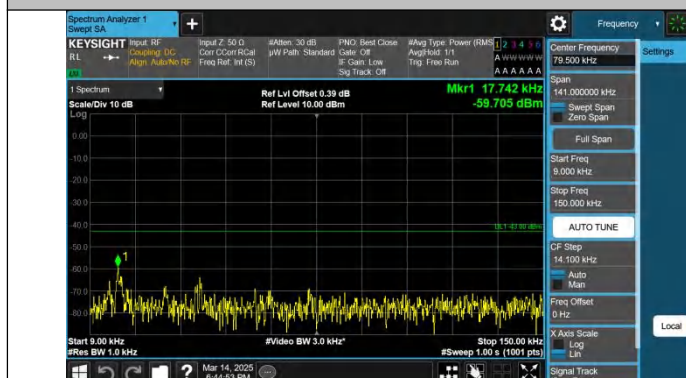
Band4-1.4MHz-QPSK-20393-1RB#5-30~1000-PASS



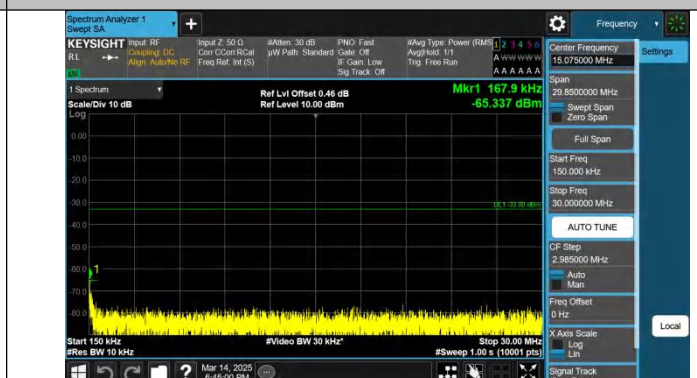
Band4-1.4MHz-QPSK-20393-1RB#5-1000~3000-PASS



Band4-1.4MHz-QPSK-20393-1RB#5-3000~20000-PASS



Band4-3MHz-QPSK-19965-1RB#0-0.009~0.15-PASS



Band4-3MHz-QPSK-19965-1RB#0-0.15~30-PASS

