

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	22.72	2	24.72	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.06	2	25.06	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.8	2	24.8	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.01	2	24.01	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.94	2	24.94	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.32	2	25.32	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.92	2	24.92	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.13	2	24.13	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.8	2	24.8	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.11	2	25.11	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.82	2	24.82	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22	2	24	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.83	2	23.83	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.91	2	24.91	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.1	2	24.1	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.88	2	22.88	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.02	2	24.02	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.94	2	24.94	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.07	2	24.07	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.86	2	22.86	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.77	2	23.77	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.82	2	24.82	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.75	2	23.75	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21	2	23	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.81	2	24.81	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.15	2	25.15	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.19	2	25.19	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.95	2	23.95	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.22	2	25.22	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.21	2	25.21	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.03	2	25.03	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.24	2	24.24	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.88	2	24.88	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.1	2	25.1	30	PASS

Band4	3MHz	QPSK	20385	1RB#14	22.83	2	24.83	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.93	2	23.93	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.63	2	23.63	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.45	2	24.45	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.01	2	24.01	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.99	2	22.99	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.14	2	24.14	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.5	2	24.5	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.17	2	24.17	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.27	2	23.27	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.04	2	24.04	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.88	2	24.88	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.91	2	23.91	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.9	2	22.9	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.85	2	24.85	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.99	2	24.99	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.03	2	25.03	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.98	2	23.98	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.29	2	25.29	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.06	2	25.06	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.11	2	25.11	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.14	2	24.14	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.02	2	25.02	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.07	2	25.07	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.13	2	25.13	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.11	2	24.11	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.45	2	23.45	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.92	2	23.92	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.96	2	23.96	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.09	2	23.09	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.22	2	24.22	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.81	2	23.81	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.79	2	23.79	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.16	2	23.16	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.86	2	23.86	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.71	2	24.71	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.17	2	24.17	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.13	2	23.13	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.83	2	24.83	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.14	2	25.14	30	PASS

Band4	10MHz	QPSK	20000	1RB#49	23.05	2	25.05	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.02	2	24.02	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.9	2	24.9	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.24	2	25.24	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.94	2	24.94	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.08	2	24.08	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.99	2	24.99	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.19	2	25.19	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.95	2	24.95	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.03	2	24.03	30	PASS
Band4	10MHz	16QAM	20000	27RB#0	21	2	23	30	PASS
Band4	10MHz	16QAM	20175	27RB#0	21.26	2	23.26	30	PASS
Band4	10MHz	16QAM	20350	27RB#0	21.21	2	23.21	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.97	2	23.97	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.93	2	24.93	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.99	2	23.99	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.05	2	24.05	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.17	2	25.17	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.19	2	24.19	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.99	2	23.99	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.99	2	24.99	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.85	2	23.85	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.8	2	24.8	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.1	2	25.1	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.87	2	24.87	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.01	2	24.01	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.94	2	24.94	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.23	2	25.23	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.2	2	25.2	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.11	2	24.11	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.13	2	25.13	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.93	2	24.93	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.9	2	24.9	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.14	2	24.14	30	PASS
Band4	15MHz	16QAM	20025	27RB#0	20.92	2	22.92	30	PASS
Band4	15MHz	16QAM	20175	27RB#0	21.05	2	23.05	30	PASS
Band4	15MHz	16QAM	20325	27RB#0	21.07	2	23.07	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.93	2	23.93	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.37	2	24.37	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.02	2	24.02	30	PASS

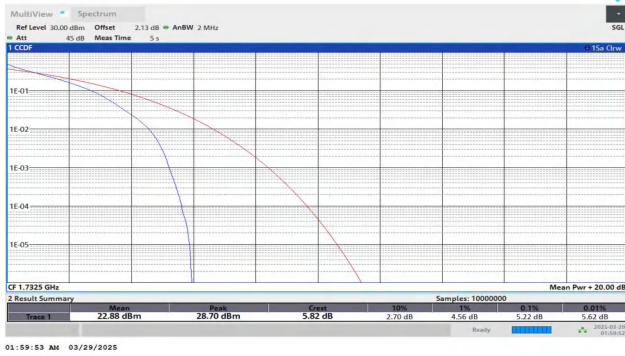
Band4	15MHz	16QAM	20175	1RB#0	21.95	2	23.95	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.62	2	24.62	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.2	2	24.2	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.32	2	24.32	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.5	2	24.5	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.14	2	24.14	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.74	2	24.74	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.06	2	25.06	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.93	2	24.93	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.93	2	23.93	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.08	2	25.08	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.14	2	25.14	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.96	2	24.96	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.17	2	24.17	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.31	2	25.31	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.37	2	25.37	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.88	2	24.88	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.21	2	24.21	30	PASS
Band4	20MHz	16QAM	20050	27RB#0	21.11	2	23.11	30	PASS
Band4	20MHz	16QAM	20175	27RB#0	21.11	2	23.11	30	PASS
Band4	20MHz	16QAM	20300	27RB#0	21.36	2	23.36	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.95	2	23.95	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.29	2	24.29	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.04	2	24.04	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.08	2	24.08	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.48	2	24.48	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.2	2	24.2	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.87	2	24.87	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.24	2	24.24	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.51	2	24.51	30	PASS

Peak-to-Average Ratio(CCDF)

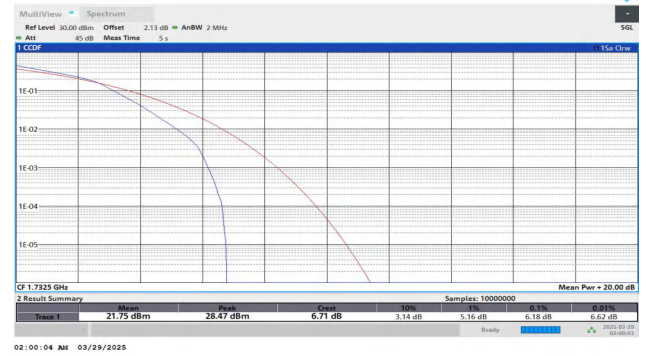
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	5.22	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.18	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.22	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.16	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.26	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.10	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.24	13	PASS
Band4	10MHz	16QAM	20175	27RB#0	5.96	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.40	13	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.96	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.16	13	PASS
Band4	20MHz	16QAM	20175	27RB#0	6.02	13	PASS

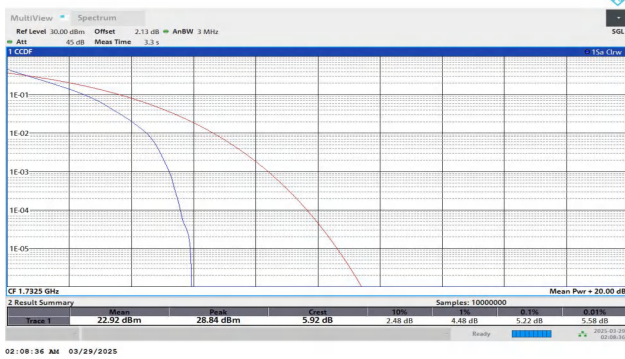
Test Graphs



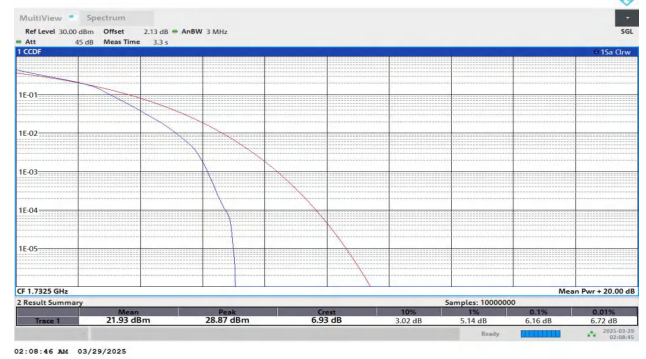
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



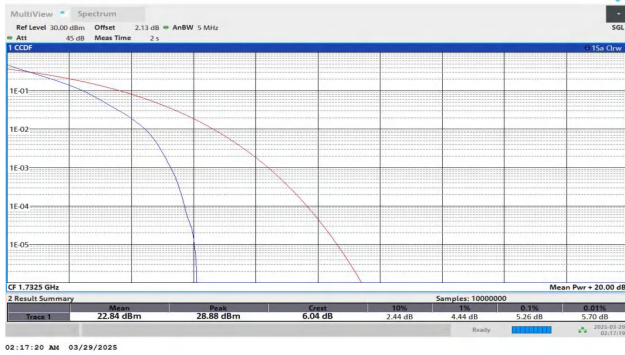
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



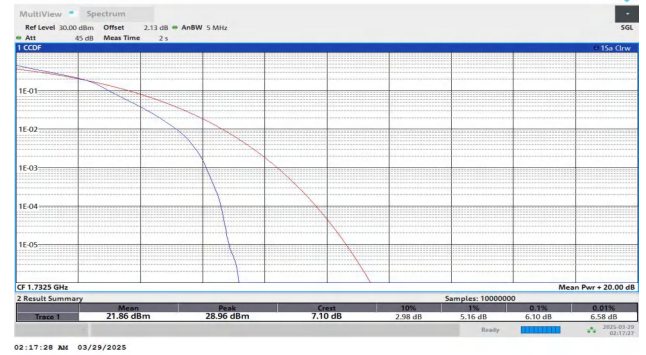
Band4-3MHz-QPSK-20175-15RB#0-PASS



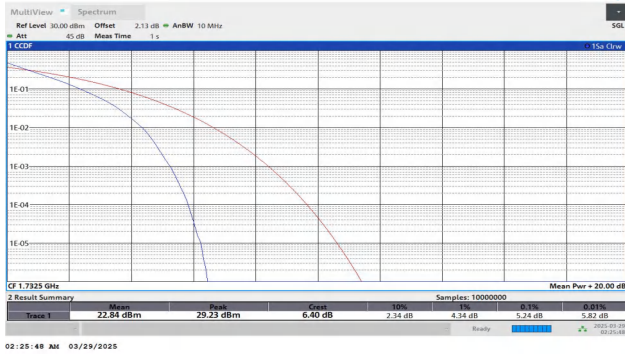
Band4-3MHz-16QAM-20175-15RB#0-PASS



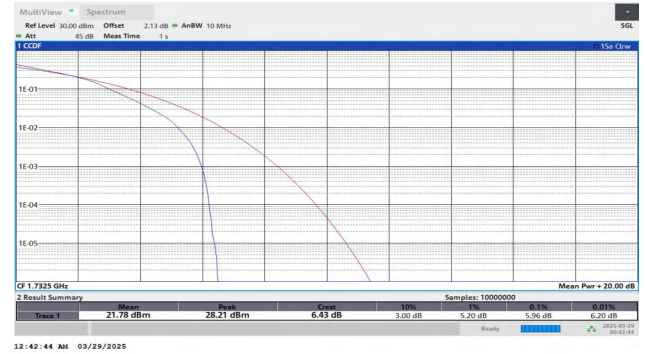
Band4-5MHz-QPSK-20175-25RB#0-PASS



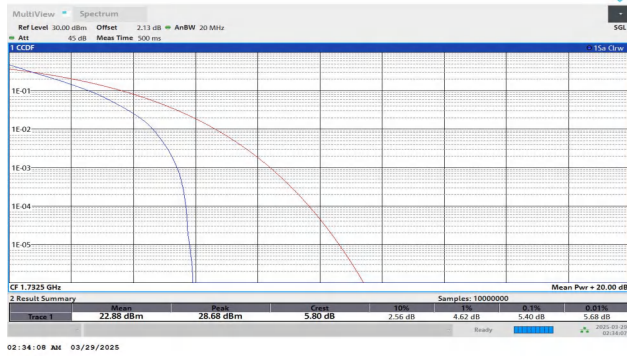
Band4-5MHz-16QAM-20175-25RB#0-PASS



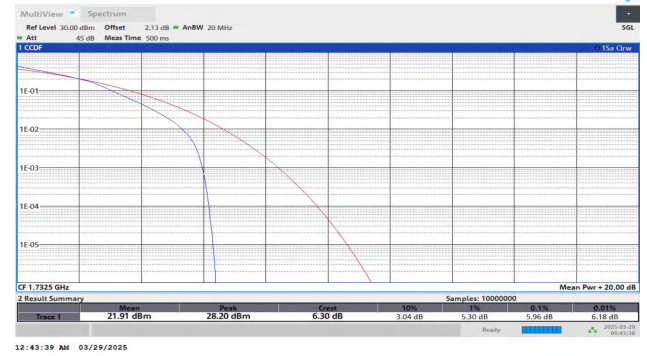
Band4-10MHz-QPSK-20175-50RB#0-PASS



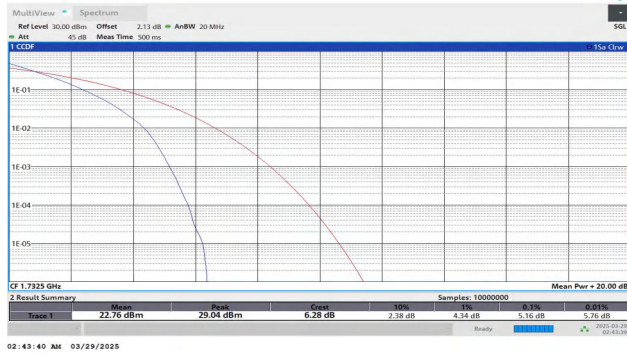
Band4-10MHz-16QAM-20175-27RB#0-PASS



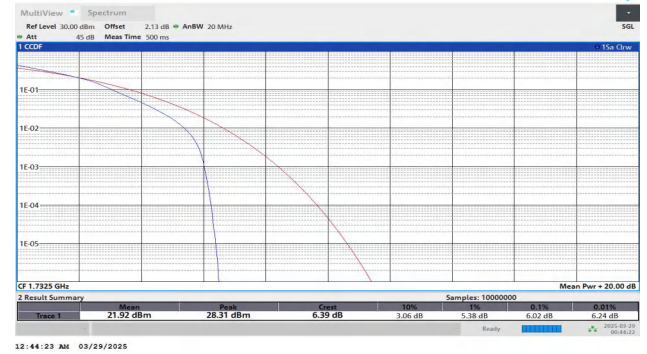
Band4-15MHz-QPSK-20175-75RB#0-PASS



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



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



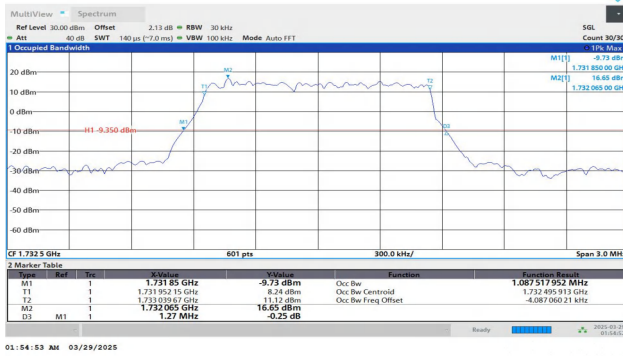
Band4-20MHz-16QAM-20175-27RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

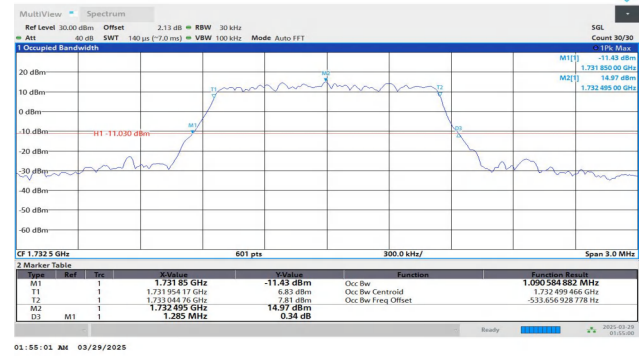
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	1.088	1.27	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.091	1.29	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.694	2.97	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.69	2.98	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.501	4.93	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.502	4.95	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.968	9.93	PASS
Band4	10MHz	16QAM	20175	27RB#0	4.998	5.90	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.441	14.35	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.052	5.90	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.931	19.80	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.003	6.20	PASS

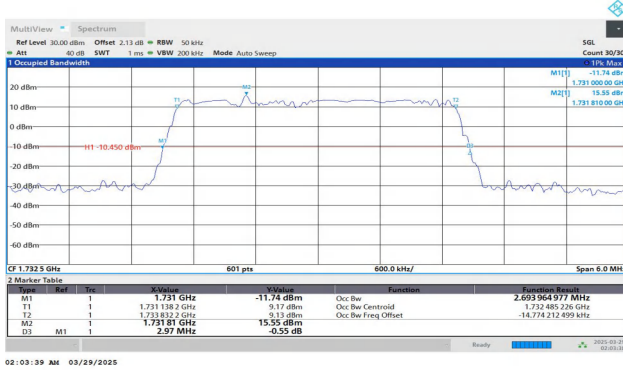
Test Graphs



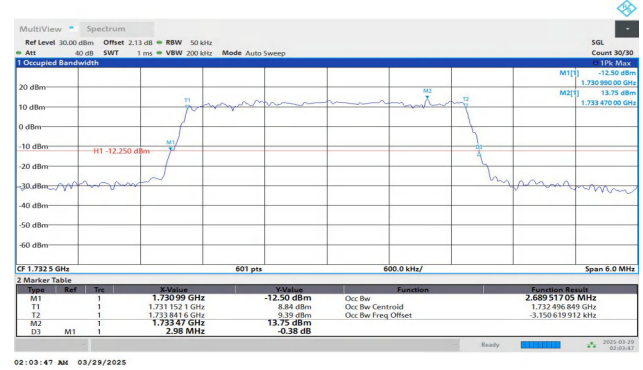
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



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



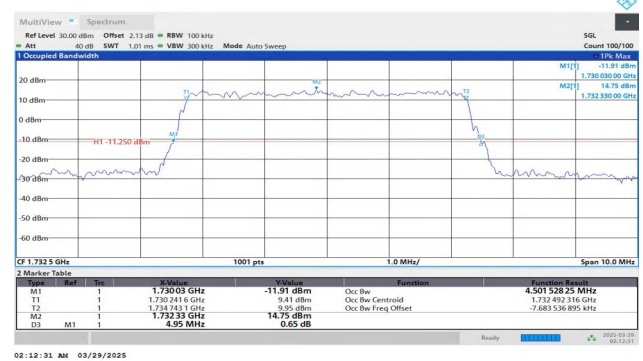
Band4-3MHz-QPSK-20175-15RB#0-PASS



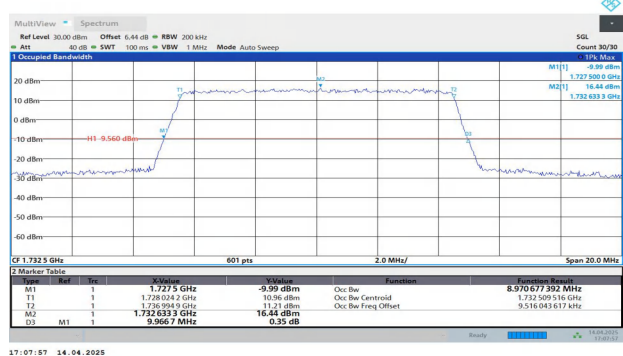
Band4-3MHz-16QAM-20175-15RB#0-PASS



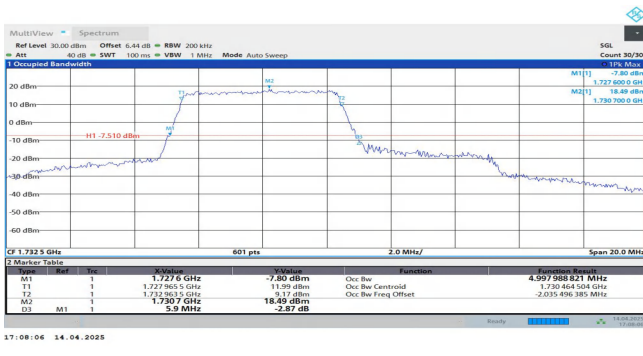
Band4-5MHz-QPSK-20175-25RB#0-PASS



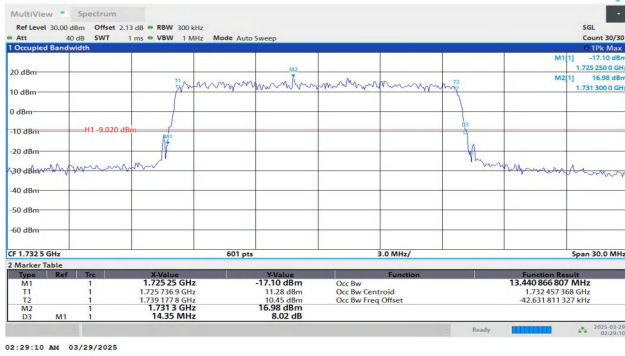
Band4-5MHz-16QAM-20175-25RB#0-PASS



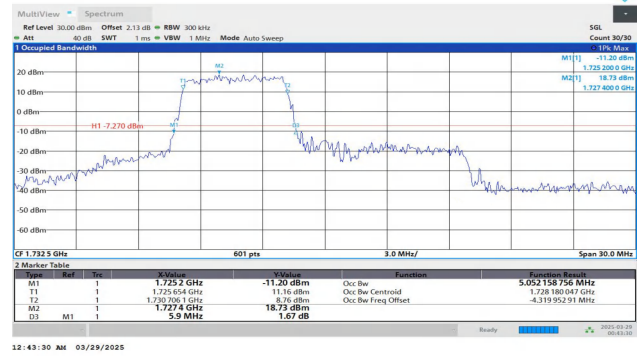
Band4-10MHz-QPSK-20175-50RB#0-PASS



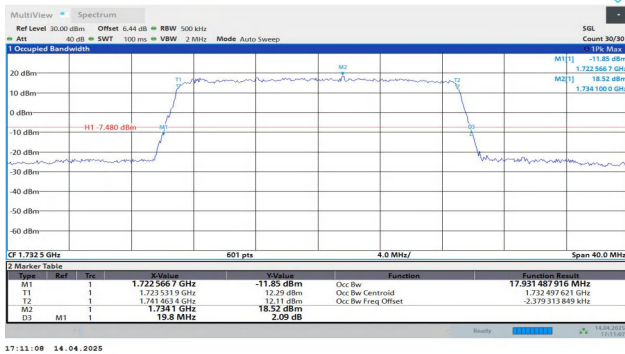
Band4-10MHz-16QAM-20175-27RB#0-PASS



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



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



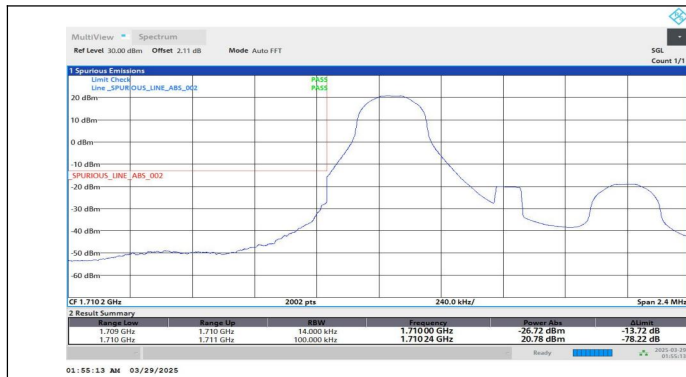
Band4-20MHz-QPSK-20175-100RB#0-PASS



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

Band Edge

Test Graphs



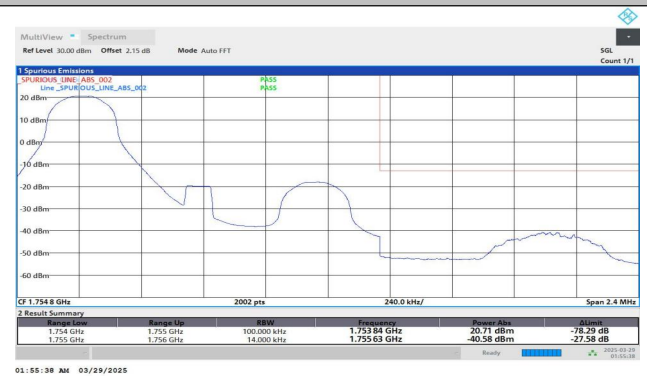
Band4-1.4MHz-QPSK-19957-1RB#0-PASS



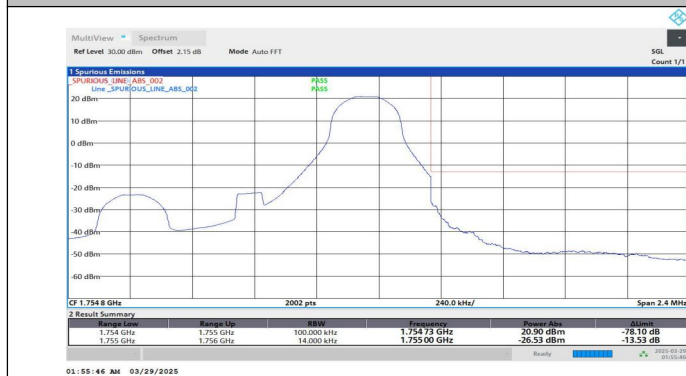
Band4-1.4MHz-QPSK-19957-1RB#5-PASS



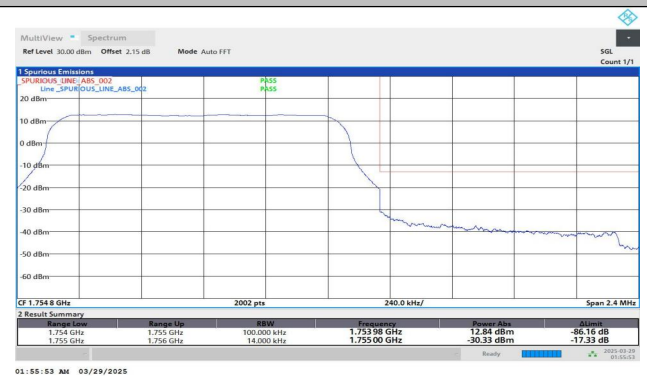
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



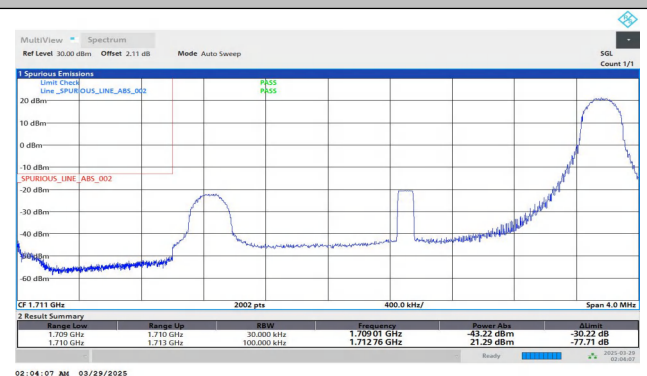
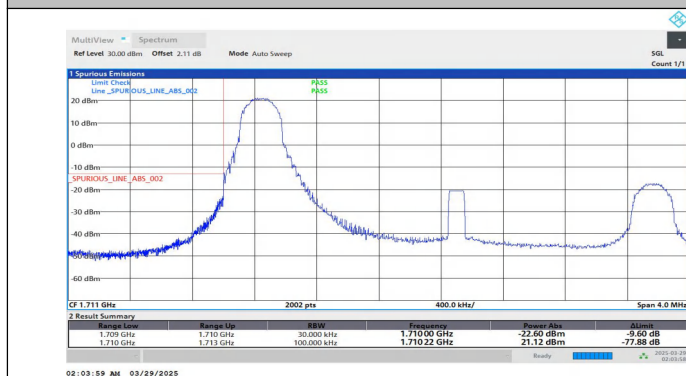
Band4-1.4MHz-QPSK-20393-1RB#0-PASS



Band4-1.4MHz-QPSK-20393-1RB#5-PASS



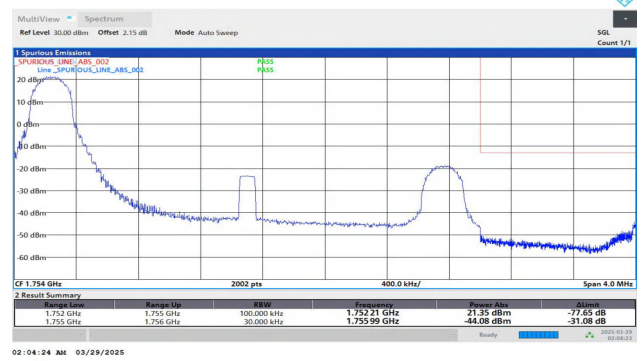
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



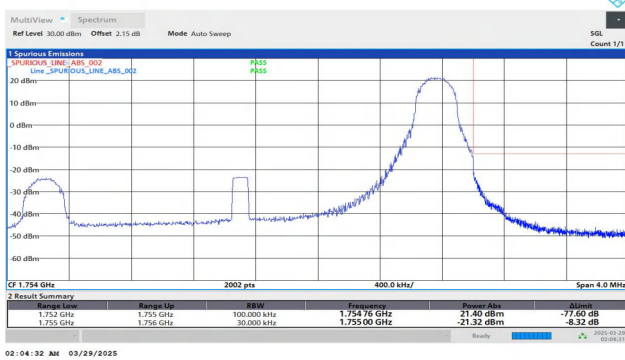
Band4-3MHz-QPSK-19965-1RB#0-PASS



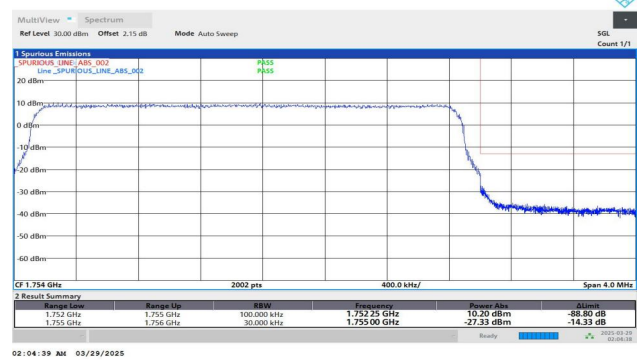
Band4-3MHz-QPSK-19965-1RB#14-PASS



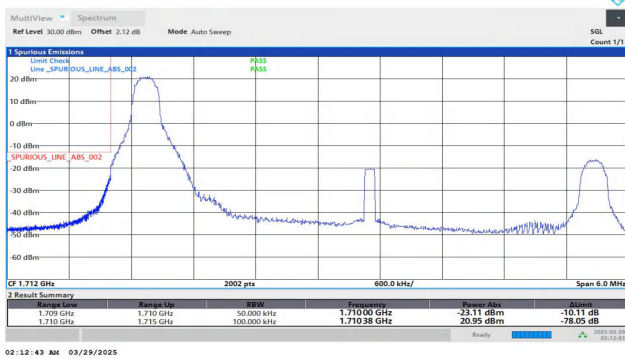
Band4-3MHz-QPSK-19965-15RB#0-PASS



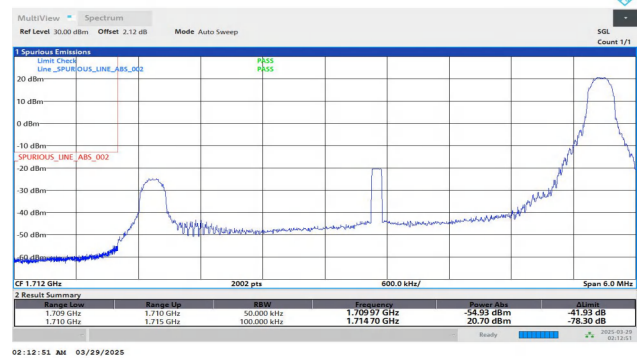
Band4-3MHz-QPSK-20385-1RB#0-PASS



Band4-3MHz-QPSK-20385-1RB#14-PASS



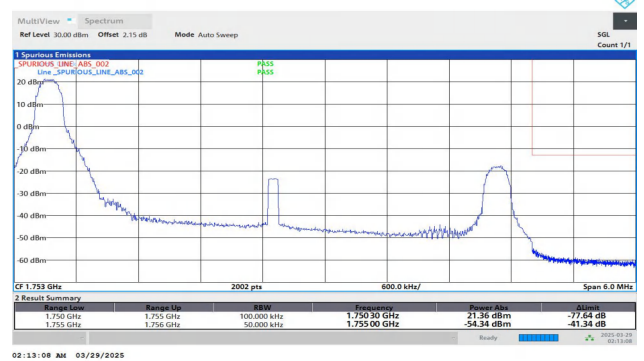
Band4-3MHz-QPSK-20385-15RB#0-PASS



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

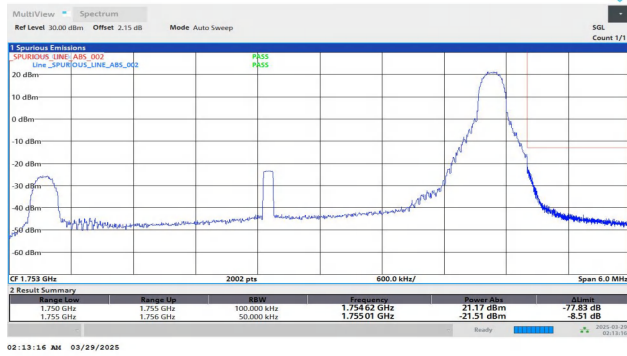


Band4-5MHz-QPSK-19975-1RB#24-PASS

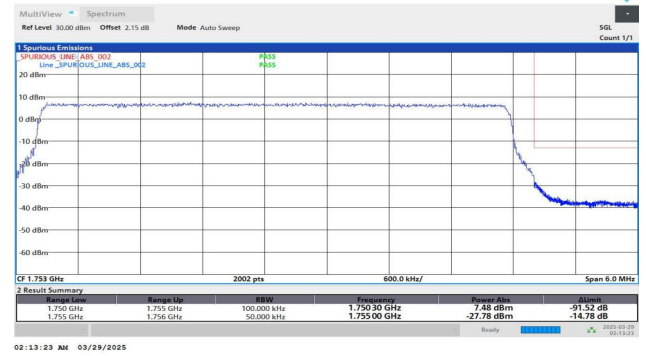


Band4-5MHz-QPSK-19975-25RB#0-PASS

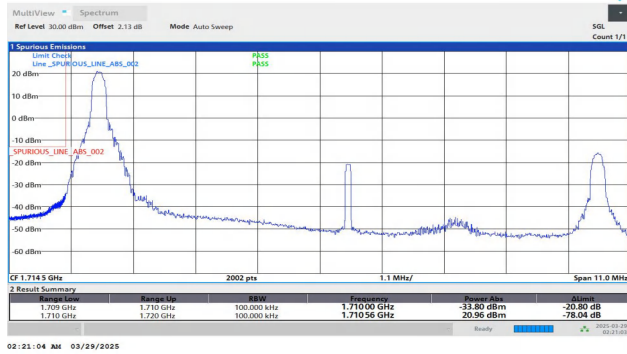
Band4-5MHz-QPSK-20375-1RB#0-PASS



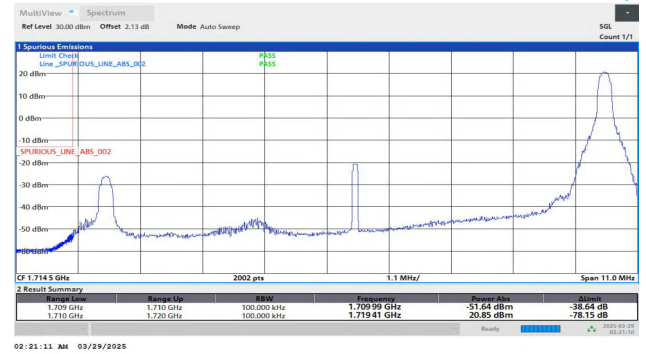
Band4-5MHz-QPSK-20375-1RB#24-PASS



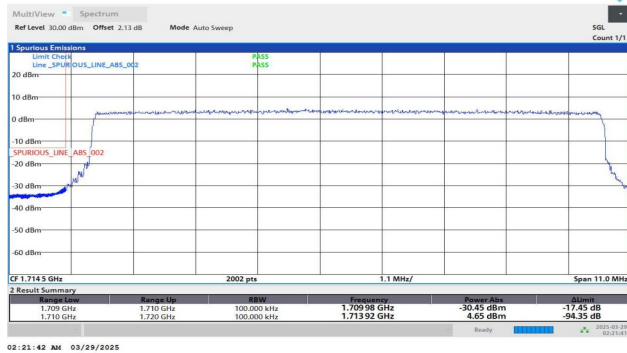
Band4-5MHz-QPSK-20375-25RB#0-PASS



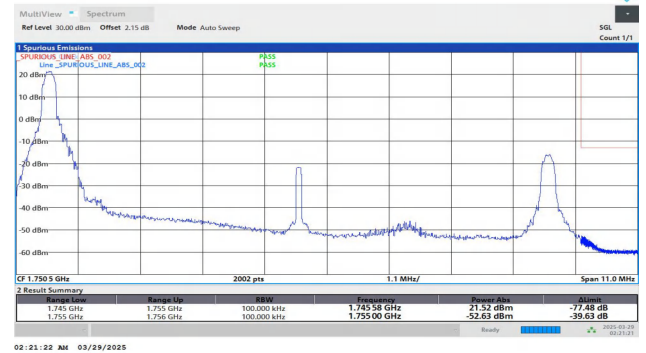
Band4-10MHz-QPSK-20000-1RB#0-PASS



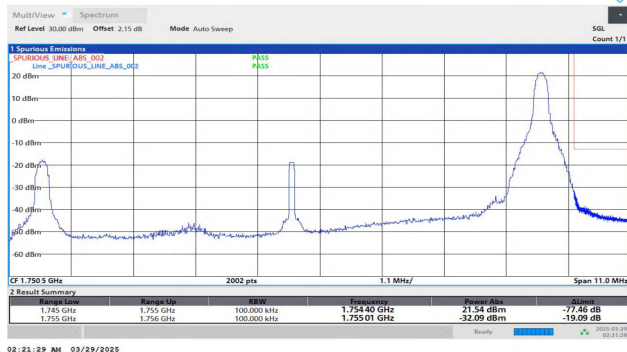
Band4-10MHz-QPSK-20000-1RB#49-PASS



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



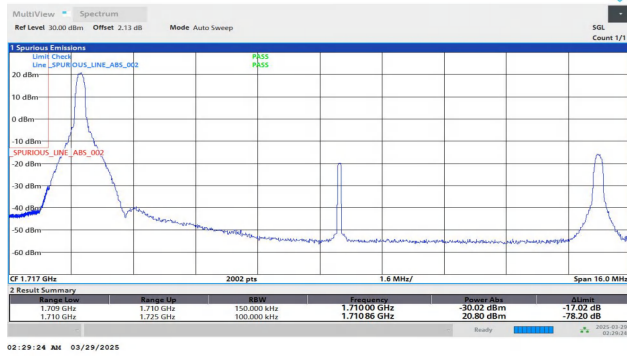
Band4-10MHz-QPSK-20350-1RB#0-PASS



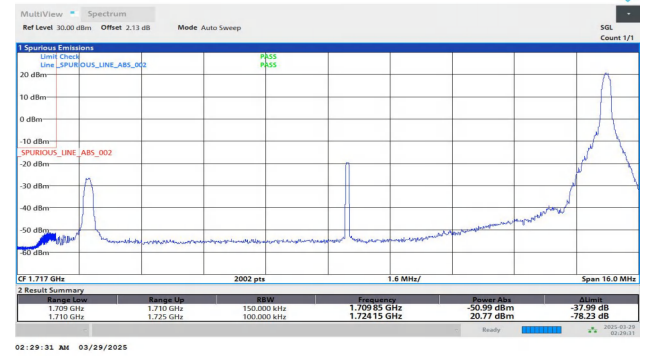
Band4-10MHz-QPSK-20350-1RB#49-PASS



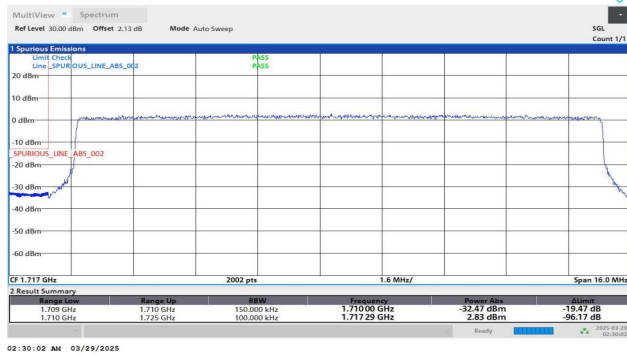
Band4-10MHz-QPSK-20350-50RB#0-PASS



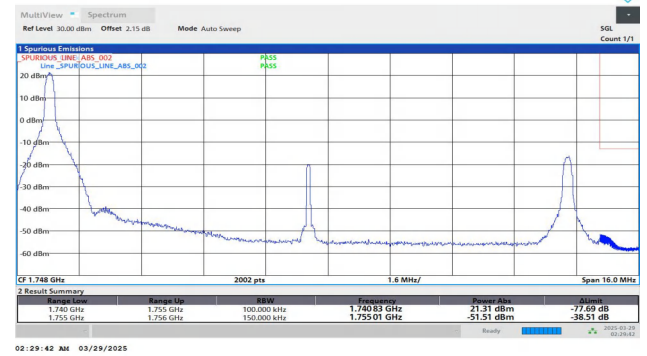
Band4-15MHz-QPSK-20025-1RB#0-PASS



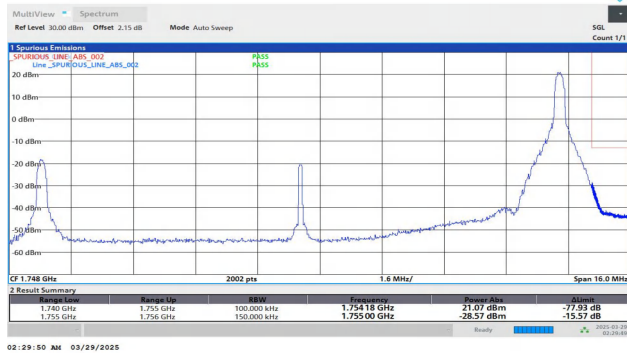
Band4-15MHz-QPSK-20025-1RB#74-PASS



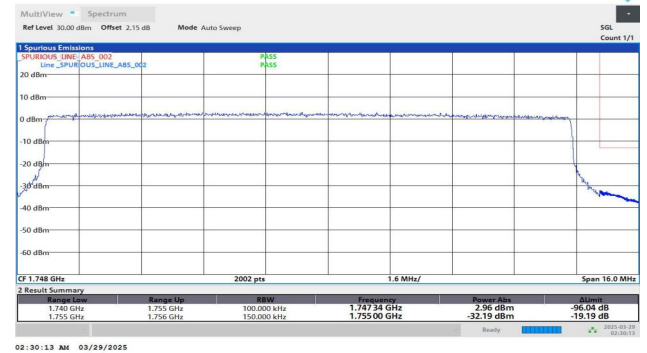
Band4-15MHz-QPSK-20025-75RB#0-PASS



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



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



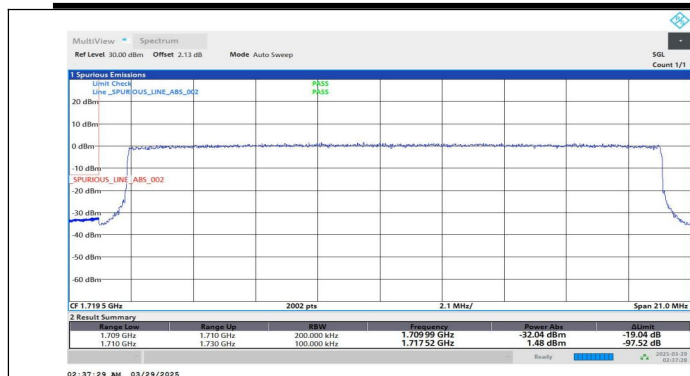
Band4-15MHz-QPSK-20325-75RB#0-PASS



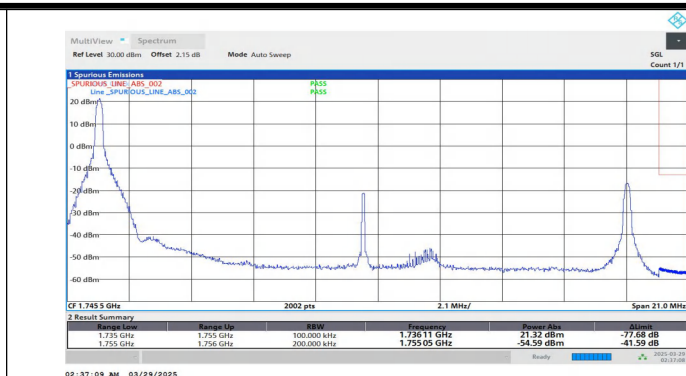
Band4-20MHz-QPSK-20050-1RB#0-PASS



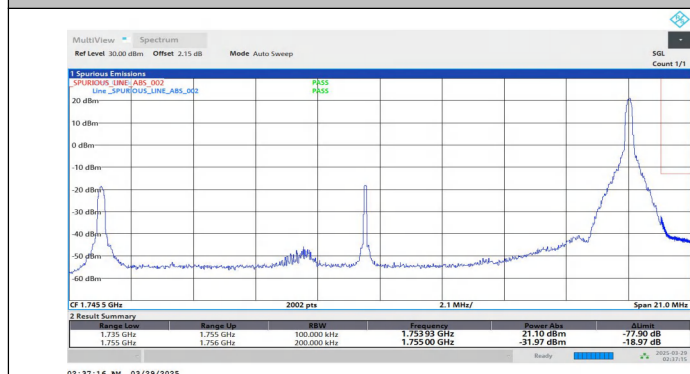
Band4-20MHz-QPSK-20050-1RB#99-PASS



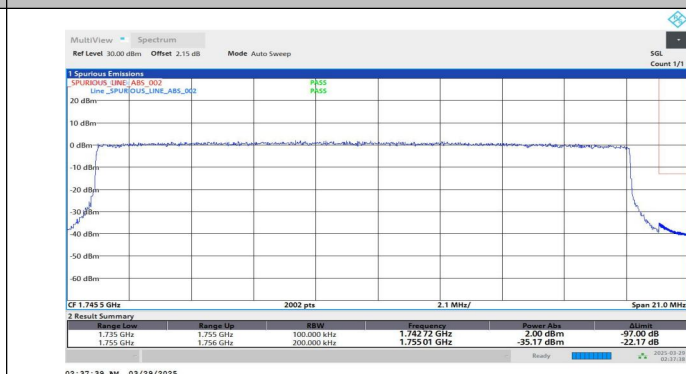
Band4-20MHz-QPSK-20050-100RB#0-PASS



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



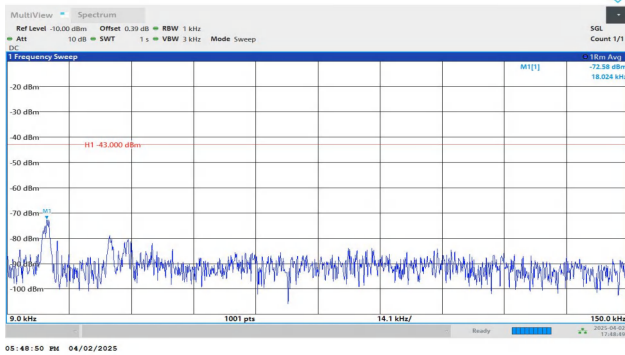
Band4-20MHz-QPSK-20300-1RB#99-PASS



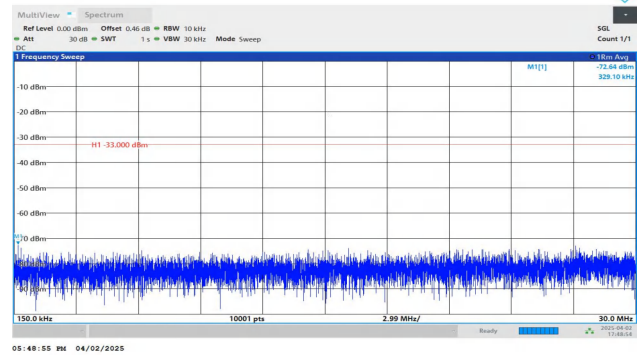
Band4-20MHz-QPSK-20300-100RB#0-PASS

Conducted Spurious Emission

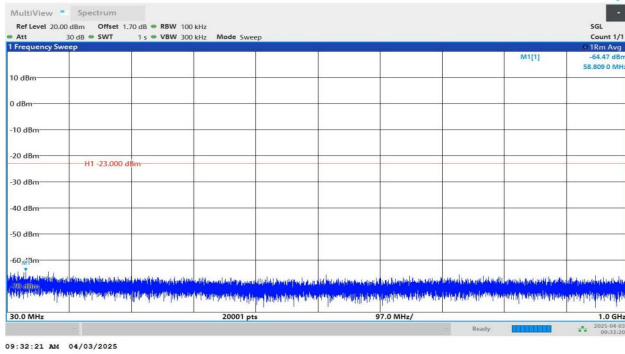
Test Graphs



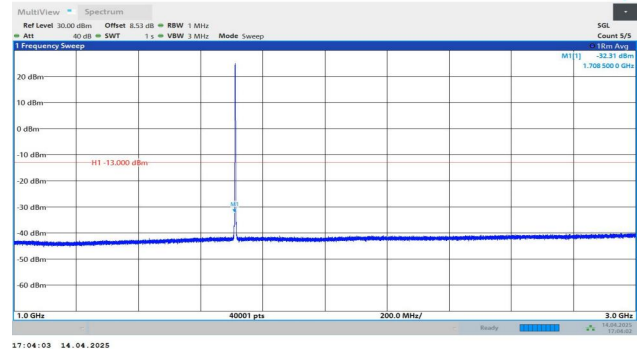
Band4-1.4MHz-QPSK-19957-1RB#0-0.009~0.15-PASS



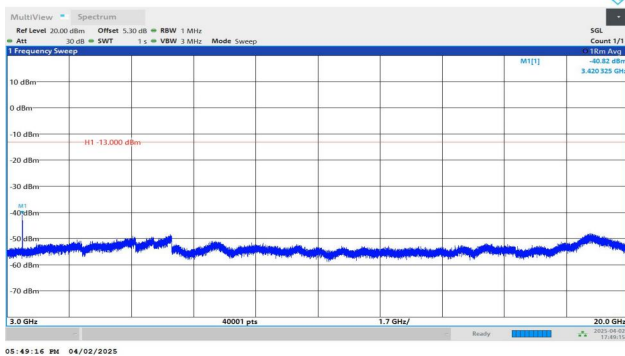
Band4-1.4MHz-QPSK-19957-1RB#0-0.15~30-PASS



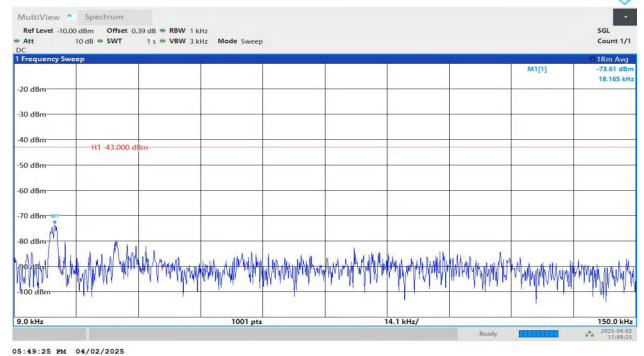
Band4-1.4MHz-QPSK-19957-1RB#0-30~1000-PASS



Band4-1.4MHz-QPSK-19957-1RB#0-1000~3000-PASS



Band4-1.4MHz-QPSK-19957-1RB#0-3000~20000-PASS



Band4-1.4MHz-QPSK-19957-1RB#5-0.009~0.15-PASS