

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	19957	QPSK	6	0	Low	1.0893	1.089	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	1.0895	1.090	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	1.0934	1.093	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	1.0884	1.088	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	1.0893	1.089	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	1.0883	1.088	PASS
Band4	3MHz	19965	QPSK	6	0	Low	1.1087	1.109	PASS
Band4	3MHz	20175	QPSK	6	0	Low	1.1098	1.110	PASS
Band4	3MHz	20385	QPSK	6	0	High	1.1134	1.113	PASS
Band4	3MHz	19965	16QAM	6	0	Low	1.1052	1.105	PASS
Band4	3MHz	20175	16QAM	6	0	Low	1.1150	1.115	PASS
Band4	3MHz	20385	16QAM	6	0	High	1.1136	1.114	PASS
Band4	5MHz	19975	QPSK	6	0	Low	1.1645	1.165	PASS
Band4	5MHz	20175	QPSK	6	0	Low	1.1650	1.165	PASS
Band4	5MHz	20375	QPSK	6	0	High	1.1652	1.165	PASS
Band4	5MHz	19975	16QAM	6	0	Low	1.1590	1.159	PASS
Band4	5MHz	20175	16QAM	6	0	Low	1.1587	1.159	PASS
Band4	5MHz	20375	16QAM	6	0	High	1.1597	1.160	PASS
Band4	10MHz	20000	QPSK	6	0	Low	1.3005	1.300	PASS
Band4	10MHz	20175	QPSK	6	0	Low	1.3037	1.304	PASS
Band4	10MHz	20350	QPSK	6	0	High	1.2949	1.295	PASS
Band4	10MHz	20000	16QAM	6	0	Low	1.3031	1.303	PASS
Band4	10MHz	20175	16QAM	6	0	Low	1.3015	1.301	PASS
Band4	10MHz	20350	16QAM	6	0	High	1.2950	1.295	PASS
Band4	15MHz	20025	QPSK	6	0	Low	1.4557	1.456	PASS
Band4	15MHz	20175	QPSK	6	0	Low	1.4475	1.447	PASS
Band4	15MHz	20325	QPSK	6	0	High	1.4511	1.451	PASS
Band4	15MHz	20025	16QAM	6	0	Low	1.4557	1.456	PASS
Band4	15MHz	20175	16QAM	6	0	Low	1.4557	1.456	PASS
Band4	15MHz	20325	16QAM	6	0	High	1.4529	1.453	PASS
Band4	20MHz	20050	QPSK	6	0	Low	1.8000	1.800	PASS
Band4	20MHz	20175	QPSK	6	0	Low	1.7985	1.798	PASS
Band4	20MHz	20300	QPSK	6	0	High	1.7921	1.792	PASS
Band4	20MHz	20050	16QAM	6	0	Low	1.7883	1.788	PASS
Band4	20MHz	20175	16QAM	6	0	Low	1.7814	1.781	PASS
Band4	20MHz	20300	16QAM	6	0	High	1.7923	1.792	PASS

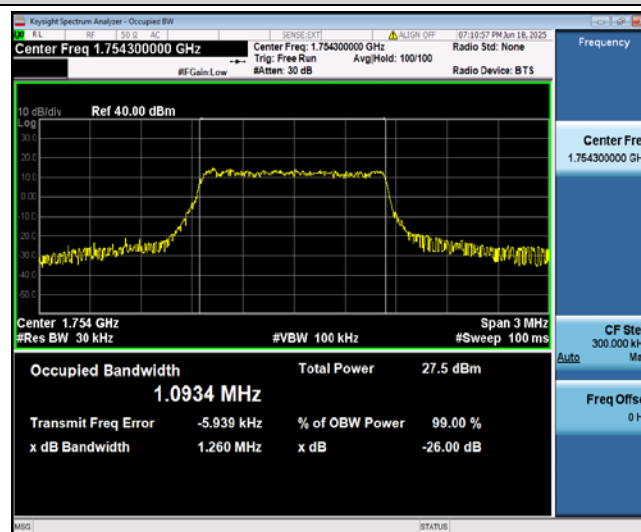
Test Graphs



Band4-1.4MHz-QPSK-19957-6-0-Low-1.0893-1.089-PASS



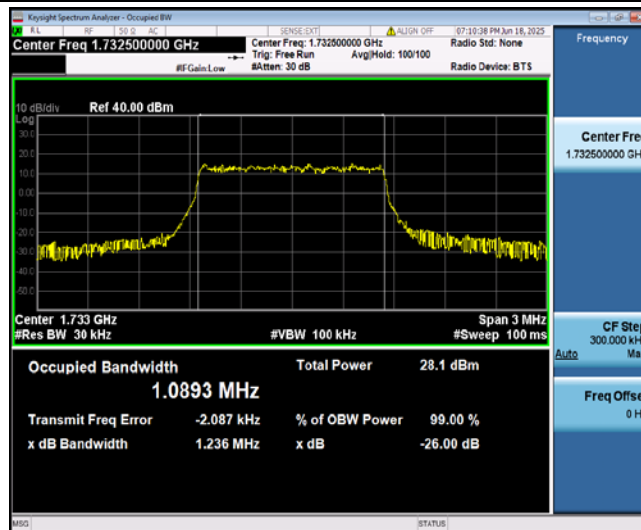
Band4-1.4MHz-QPSK-20175-6-0-Low-1.0895-1.090-PASS



Band4-1.4MHz-QPSK-20393-6-0-High-1.0934-1.093-PASS



Band4-1.4MHz-16QAM-19957-6-0-Low-1.0884-1.088-PASS



Band4-1.4MHz-16QAM-20175-6-0-Low-1.0893-1.089-PASS



Band4-1.4MHz-16QAM-20393-6-0-High-1.0883-1.088-PASS



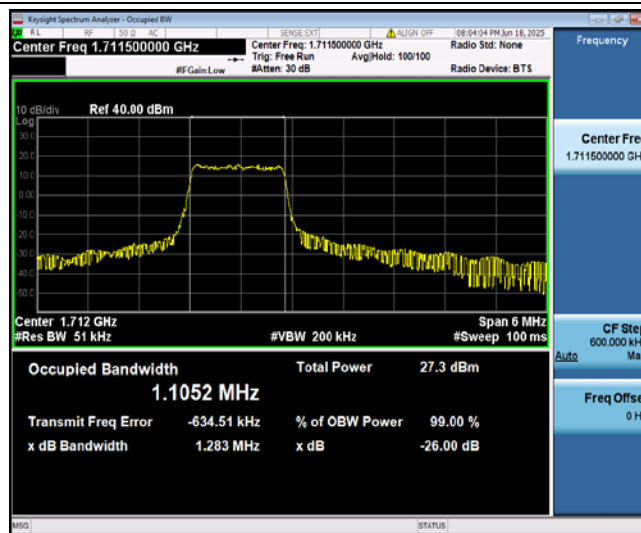
Band4-3MHz-QPSK-19965-6-0-Low-1.1087-1.109-PASS



Band4-3MHz-QPSK-20175-6-0-Low-1.1098-1.110-PASS



Band4-3MHz-QPSK-20385-6-0-High-1.1134-1.113-PASS



Band4-3MHz-16QAM-19965-6-0-Low-1.1052-1.105-PASS



Band4-3MHz-16QAM-20175-6-0-Low-1.1150-1.115-PASS



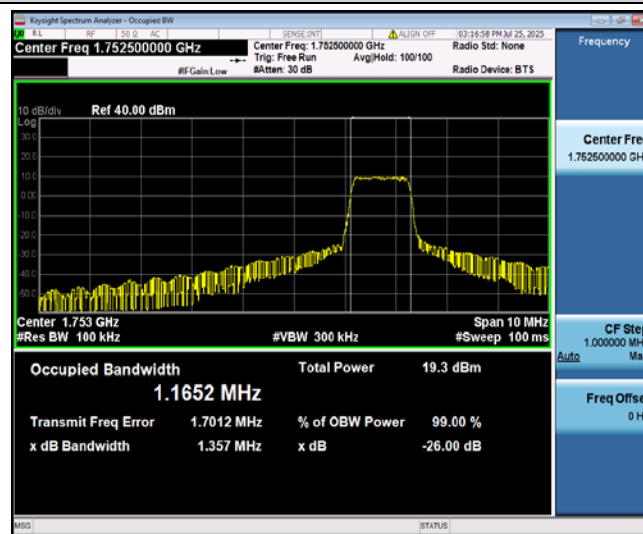
Band4-3MHz-16QAM-20385-6-0-High-1.1136-1.114-PASS



Band4-5MHz-QPSK-19975-6-0-Low-1.1645-1.165-PASS



Band4-5MHz-QPSK-20175-6-0-Low-1.1650-1.165-PASS



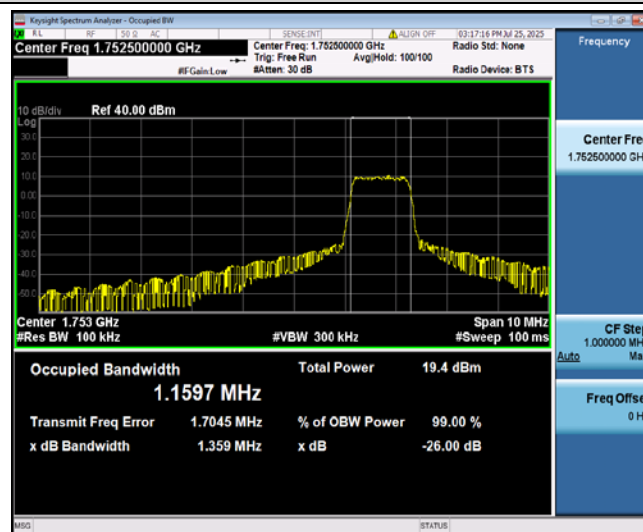
Band4-5MHz-QPSK-20375-6-0-High-1.1652-1.165-PASS



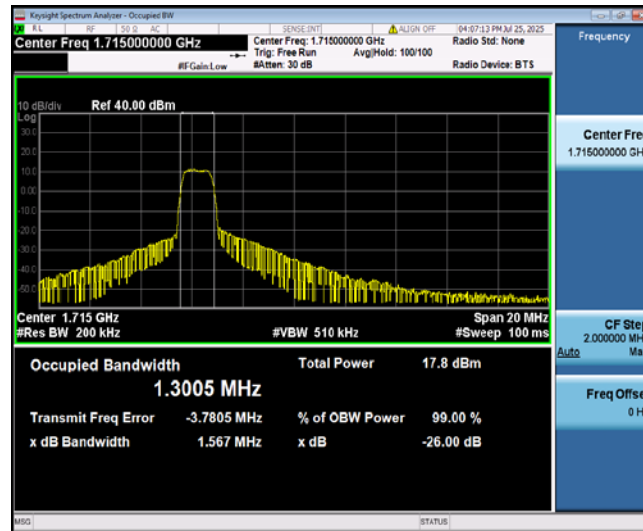
Band4-5MHz-16QAM-19975-6-0-Low-1.1590-1.159-PASS



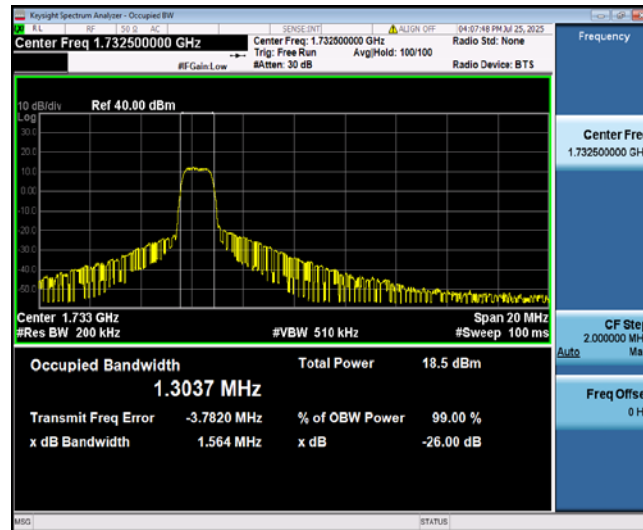
Band4-5MHz-16QAM-20175-6-0-Low-1.1587-1.159-PASS



Band4-5MHz-16QAM-20375-6-0-High-1.1597-1.160-PASS



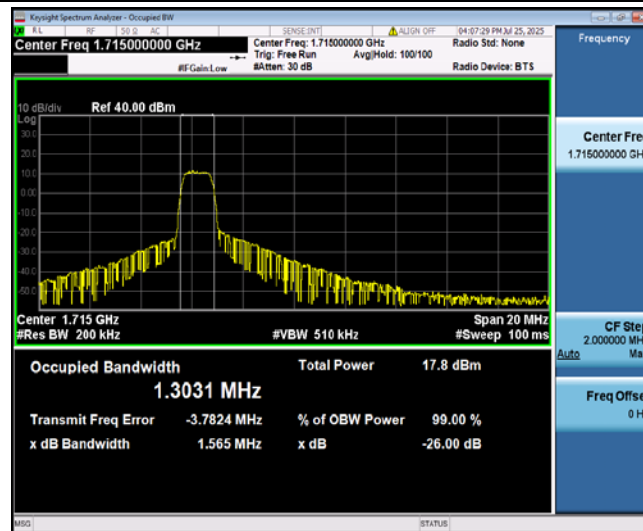
Band4-10MHz-QPSK-20000-6-0-Low-1.3005-1.300-PASS



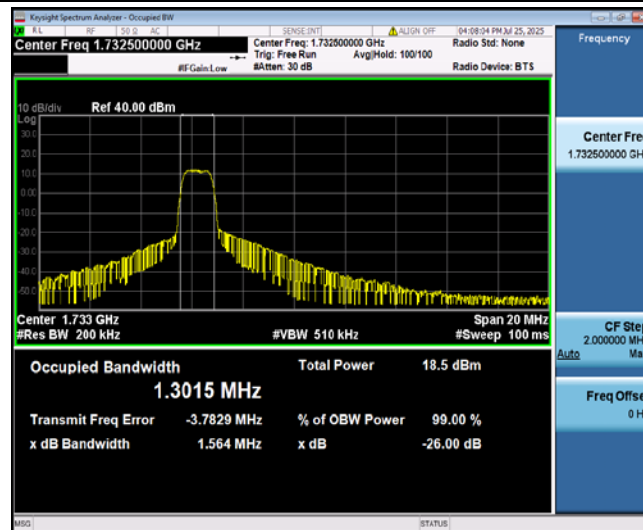
Band4-10MHz-QPSK-20175-6-0-Low-1.3037-1.304-PASS



Band4-10MHz-QPSK-20350-6-0-High-1.2949-1.295-PASS



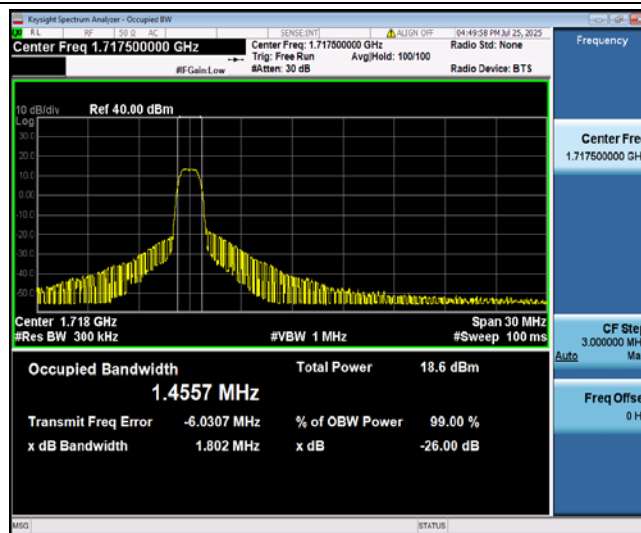
Band4-10MHz-16QAM-20000-6-0-Low-1.3031-1.303-PASS



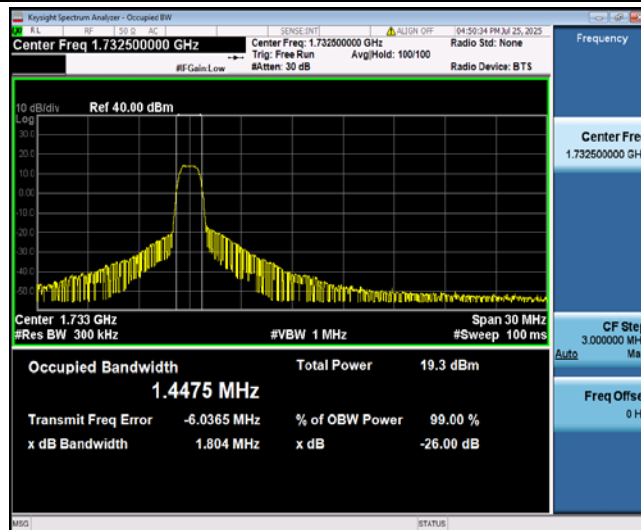
Band4-10MHz-16QAM-20175-6-0-Low-1.3015-1.301-PASS



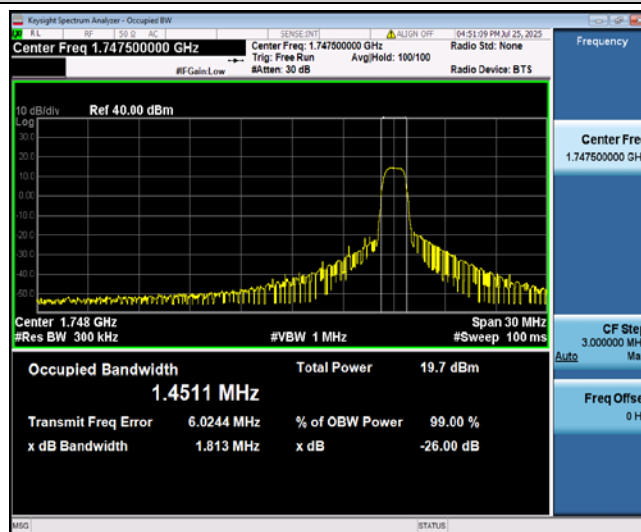
Band4-10MHz-16QAM-20350-6-0-High-1.2950-1.295-PASS



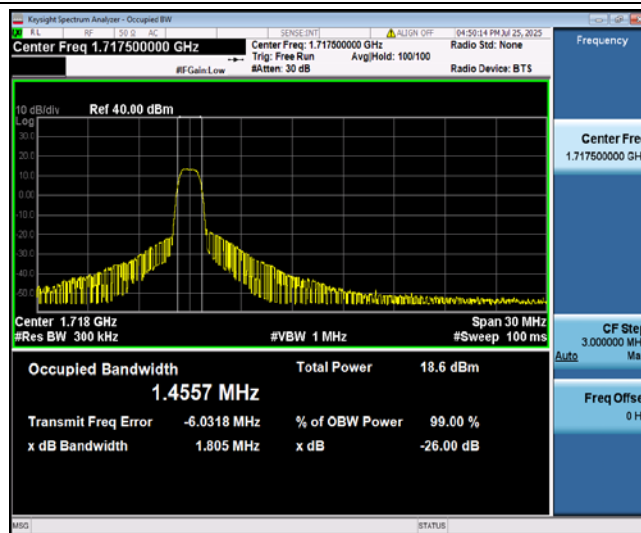
Band4-15MHz-QPSK-20025-6-0-Low-1.4557-1.456-PASS



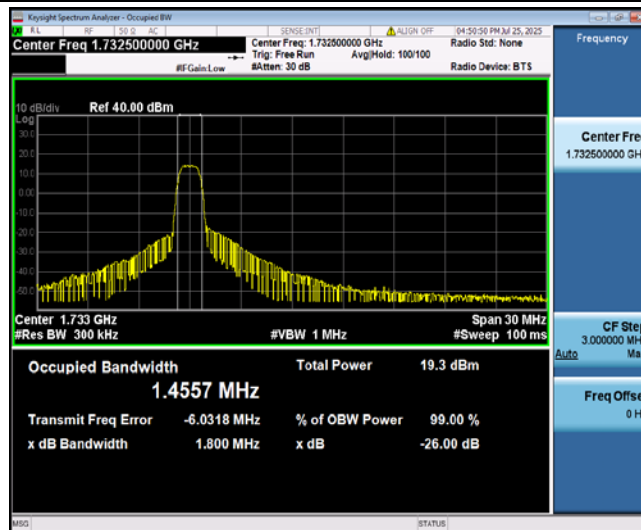
Band4-15MHz-QPSK-20175-6-0-Low-1.4475-1.447-PASS



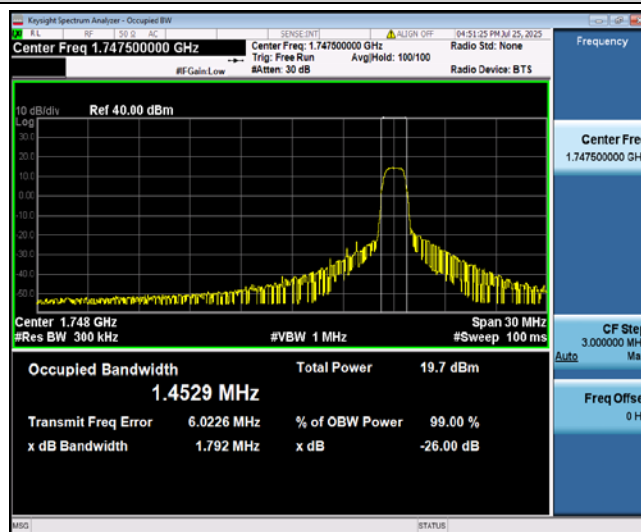
Band4-15MHz-QPSK-20325-6-0-High-1.4511-1.451-PASS



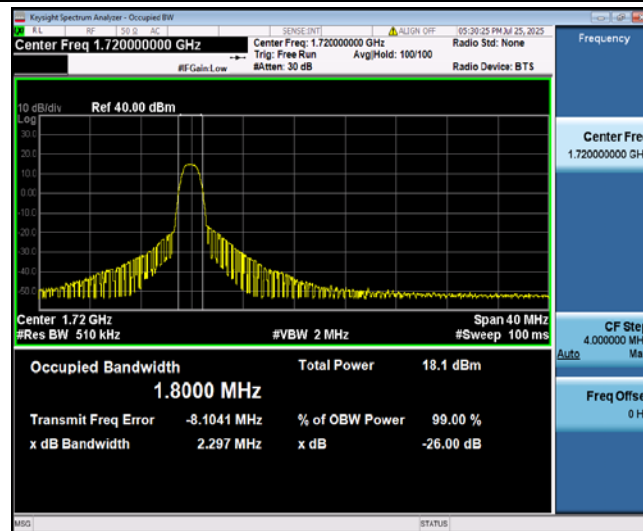
Band4-15MHz-16QAM-20025-6-0-Low-1.4557-1.456-PASS



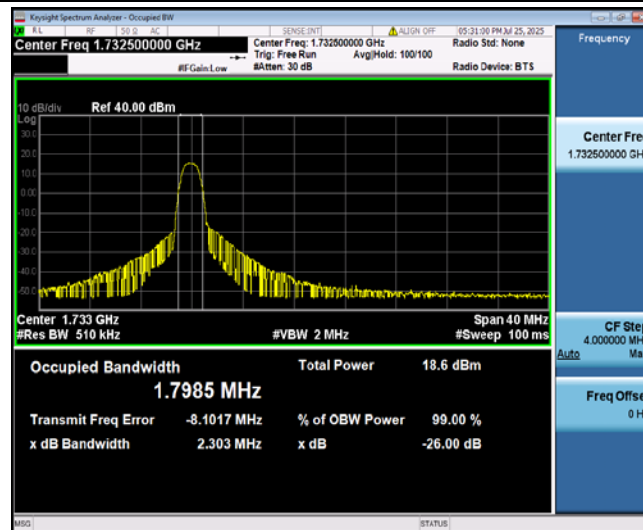
Band4-15MHz-16QAM-20175-6-0-Low-1.4557-1.456-PASS



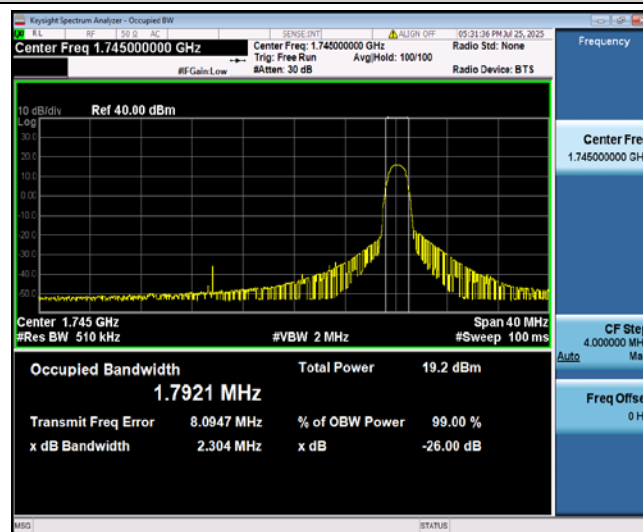
Band4-15MHz-16QAM-20325-6-0-High-1.4529-1.453-PASS



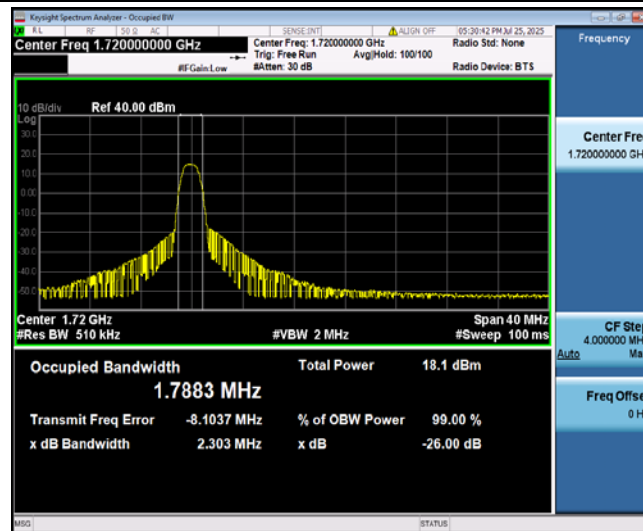
Band4-20MHz-QPSK-20050-6-0-Low-1.8000-1.800-PASS



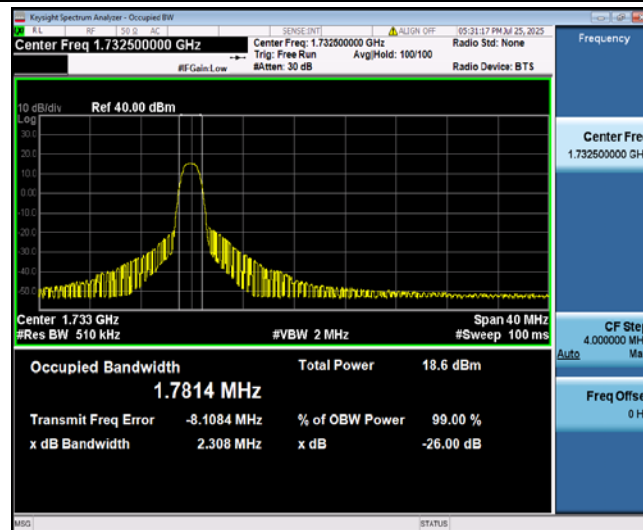
Band4-20MHz-QPSK-20175-6-0-Low-1.7985-1.798-PASS



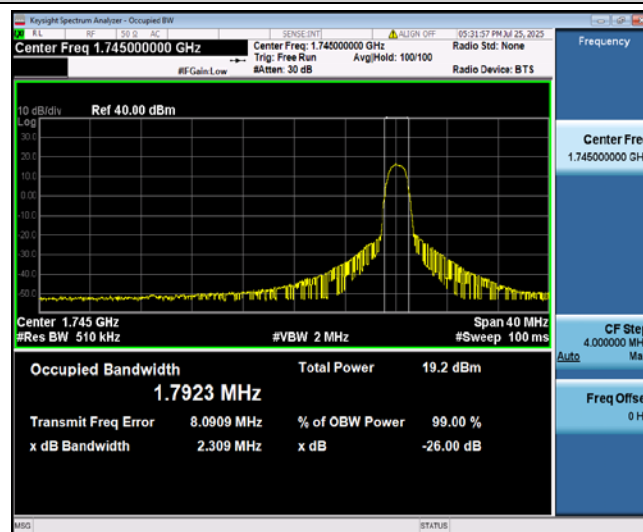
Band4-20MHz-QPSK-20300-6-0-High-1.7921-1.792-PASS



Band4-20MHz-16QAM-20050-6-0-Low-1.7883-1.788-PASS



Band4-20MHz-16QAM-20175-6-0-Low-1.7814-1.781-PASS



Band4-20MHz-16QAM-20300-6-0-High-1.7923-1.792-PASS

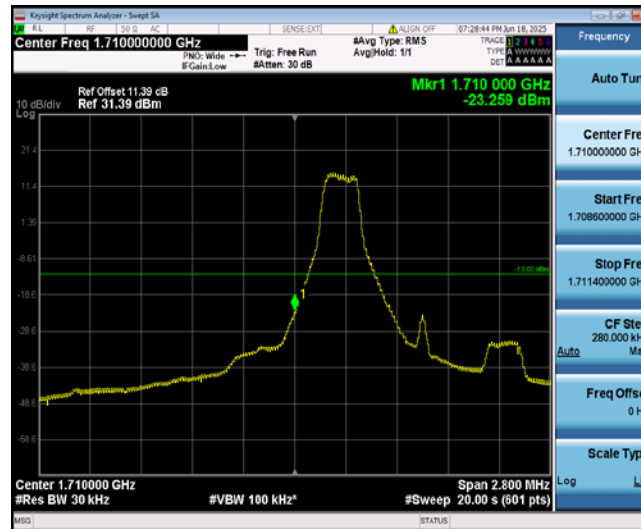
Appendix D: Band Edge

Test Result

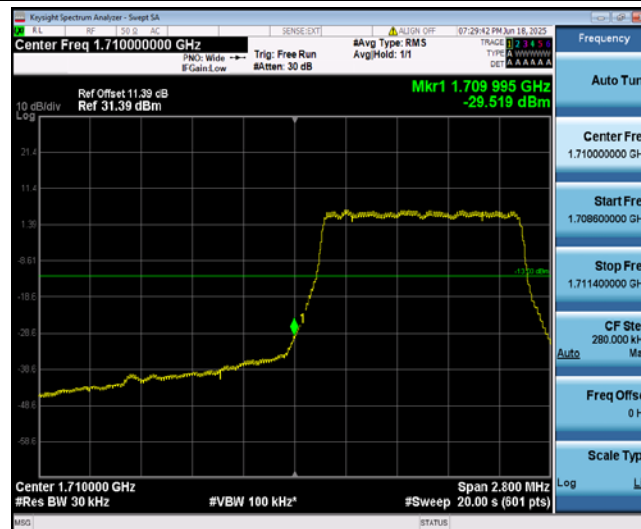
Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band4	1.4MHz	19957	QPSK	1	0	Low	-23.26	PASS
Band4	1.4MHz	19957	QPSK	6	0	Low	-29.52	PASS
Band4	1.4MHz	20393	QPSK	1	0	High	-42.35	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	-30.18	PASS
Band4	1.4MHz	19957	16QAM	1	0	Low	-25.02	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	-29.32	PASS
Band4	1.4MHz	20393	16QAM	1	0	High	-43.22	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	-30.32	PASS
Band4	3MHz	19965	QPSK	1	0	Low	-29.77	PASS
Band4	3MHz	19965	QPSK	6	0	Low	-33.55	PASS
Band4	3MHz	20385	QPSK	1	0	High	-40.30	PASS
Band4	3MHz	20385	QPSK	6	0	High	-31.79	PASS
Band4	3MHz	19965	16QAM	1	0	Low	-31.83	PASS
Band4	3MHz	19965	16QAM	6	0	Low	-33.41	PASS
Band4	3MHz	20385	16QAM	1	0	High	-41.24	PASS
Band4	3MHz	20385	16QAM	6	0	High	-31.86	PASS
Band4	5MHz	19975	QPSK	1	0	Low	-35.86	PASS
Band4	5MHz	19975	QPSK	6	0	Low	-37.57	PASS
Band4	5MHz	20375	QPSK	1	0	High	-41.96	PASS
Band4	5MHz	20375	QPSK	6	0	High	-34.37	PASS
Band4	5MHz	19975	16QAM	1	0	Low	-34.24	PASS
Band4	5MHz	19975	16QAM	6	0	Low	-37.38	PASS
Band4	5MHz	20375	16QAM	1	0	High	-50.93	PASS
Band4	5MHz	20375	16QAM	6	0	High	-33.75	PASS
Band4	10MHz	20000	QPSK	1	0	Low	-39.39	PASS
Band4	10MHz	20000	QPSK	6	0	Low	-39.72	PASS
Band4	10MHz	20350	QPSK	1	0	High	-45.20	PASS
Band4	10MHz	20350	QPSK	6	0	High	-35.55	PASS
Band4	10MHz	20000	16QAM	1	0	Low	-43.02	PASS
Band4	10MHz	20000	16QAM	6	0	Low	-39.41	PASS
Band4	10MHz	20350	16QAM	1	0	High	-47.06	PASS
Band4	10MHz	20350	16QAM	6	0	High	-36.60	PASS
Band4	15MHz	20025	QPSK	1	0	Low	-43.74	PASS
Band4	15MHz	20025	QPSK	6	0	Low	-39.39	PASS
Band4	15MHz	20325	QPSK	1	0	High	-44.75	PASS
Band4	15MHz	20325	QPSK	6	0	High	-35.72	PASS
Band4	15MHz	20025	16QAM	1	0	Low	-45.06	PASS

Band4	15MHz	20025	16QAM	6	0	Low	-39.41	PASS
Band4	15MHz	20325	16QAM	1	0	High	-46.15	PASS
Band4	15MHz	20325	16QAM	6	0	High	-35.56	PASS
Band4	20MHz	20050	QPSK	1	0	Low	-39.87	PASS
Band4	20MHz	20050	QPSK	6	0	Low	-39.95	PASS
Band4	20MHz	20300	QPSK	1	0	High	-45.05	PASS
Band4	20MHz	20300	QPSK	6	0	High	-36.60	PASS
Band4	20MHz	20050	16QAM	1	0	Low	-44.07	PASS
Band4	20MHz	20050	16QAM	6	0	Low	-40.10	PASS
Band4	20MHz	20300	16QAM	1	0	High	-47.60	PASS
Band4	20MHz	20300	16QAM	6	0	High	-37.01	PASS

Test Graphs



Band4-1.4MHz-QPSK-19957-1-0-Low--23.26-PASS



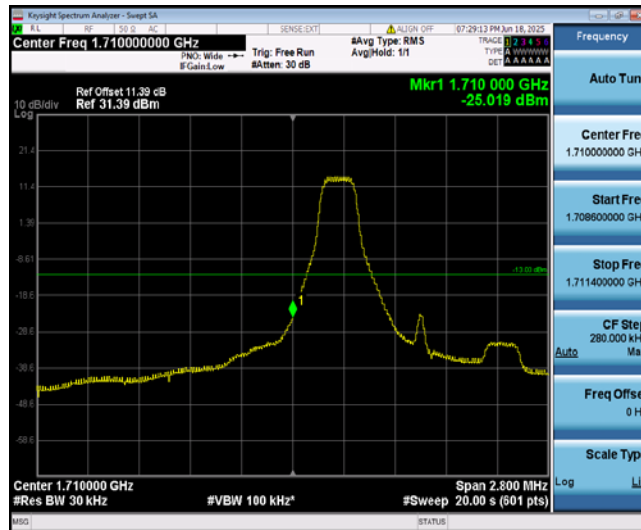
Band4-1.4MHz-QPSK-19957-6-0-Low--29.52-PASS



Band4-1.4MHz-QPSK-20393-1-0-High--42.35-PASS



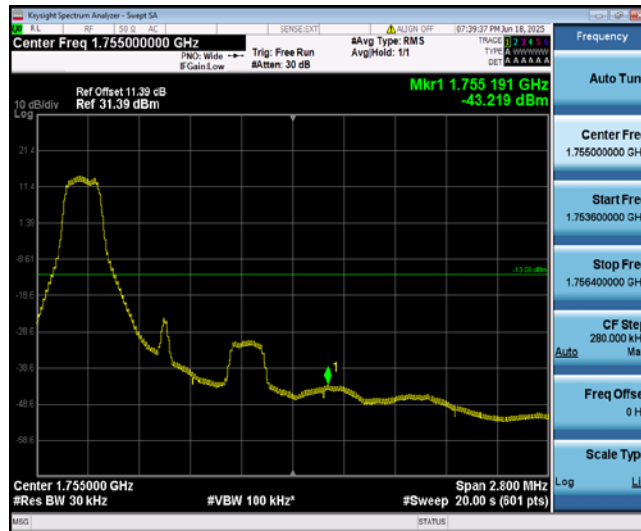
Band4-1.4MHz-QPSK-20393-6-0-High--30.18-PASS



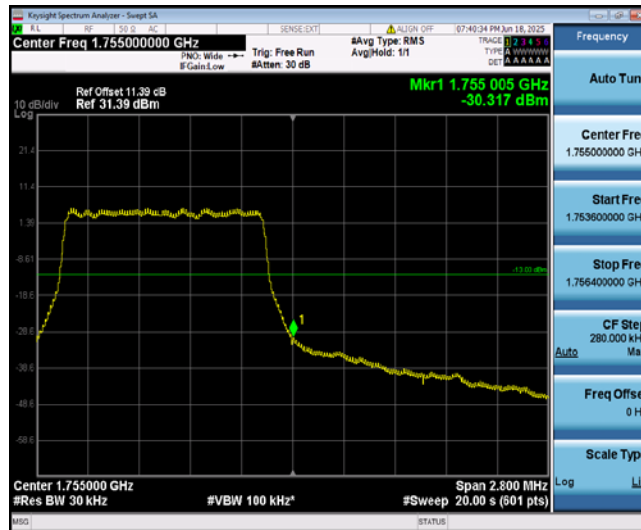
Band4-1.4MHz-16QAM-19957-1-0-Low--25.02-PASS



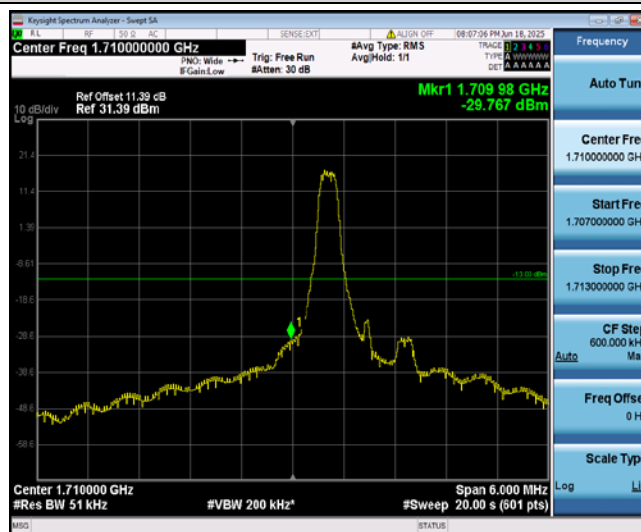
Band4-1.4MHz-16QAM-19957-6-0-Low--29.32-PASS



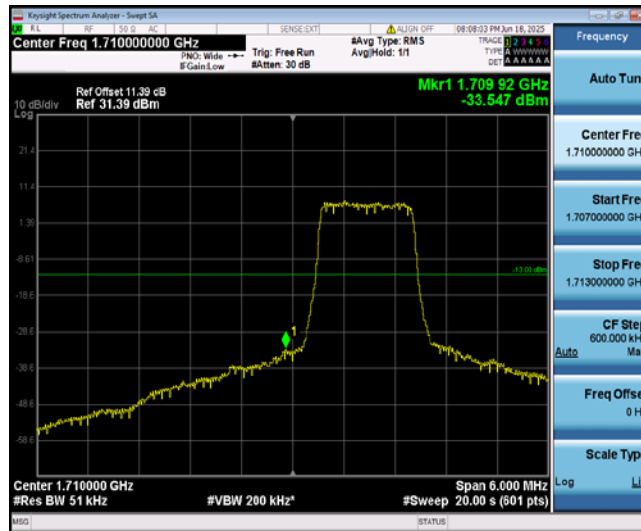
Band4-1.4MHz-16QAM-20393-1-0-High--43.22-PASS



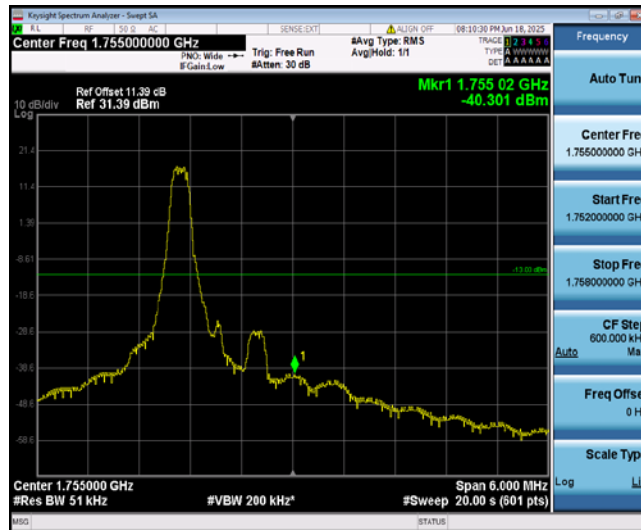
Band4-1.4MHz-16QAM-20393-6-0-High--30.32-PASS



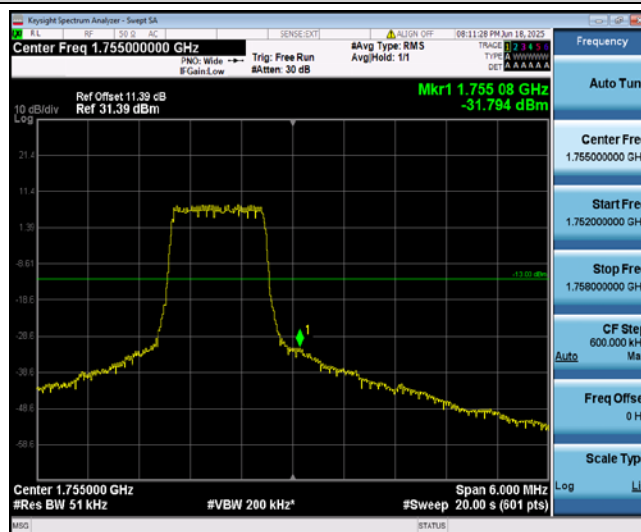
Band4-3MHz-QPSK-19965-1-0-Low--29.77-PASS



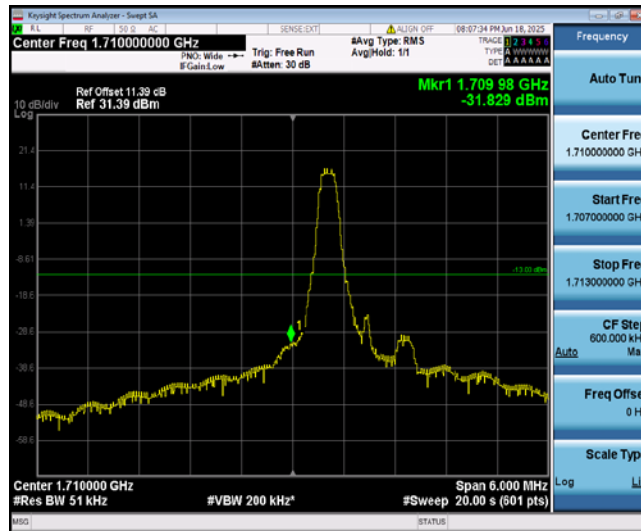
Band4-3MHz-QPSK-19965-6-0-Low--33.55-PASS



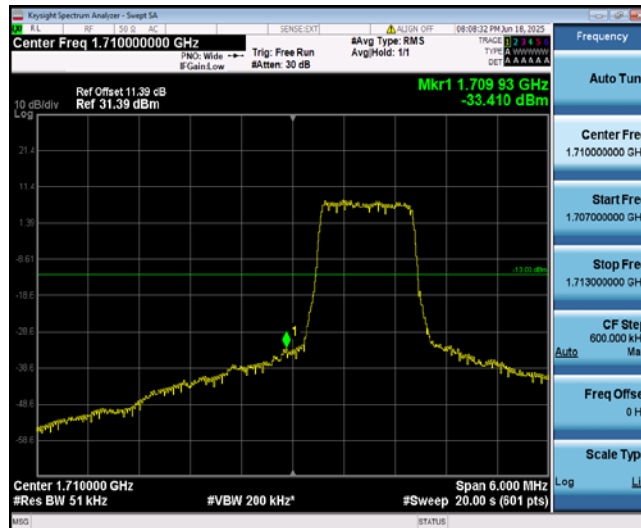
Band4-3MHz-QPSK-20385-1-0-High--40.30-PASS



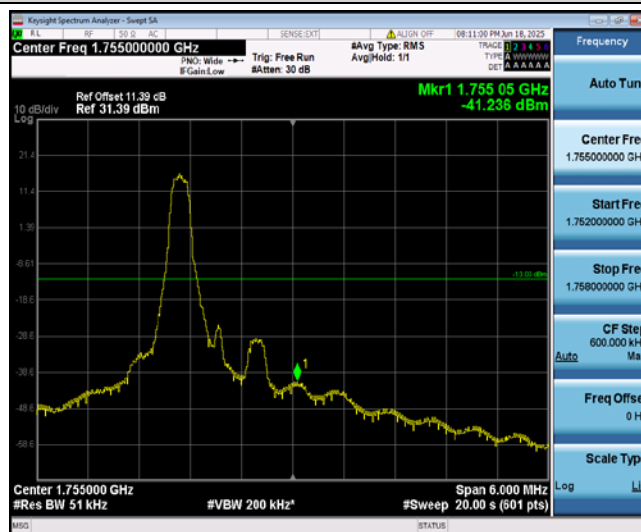
Band4-3MHz-QPSK-20385-6-0-High--31.79-PASS



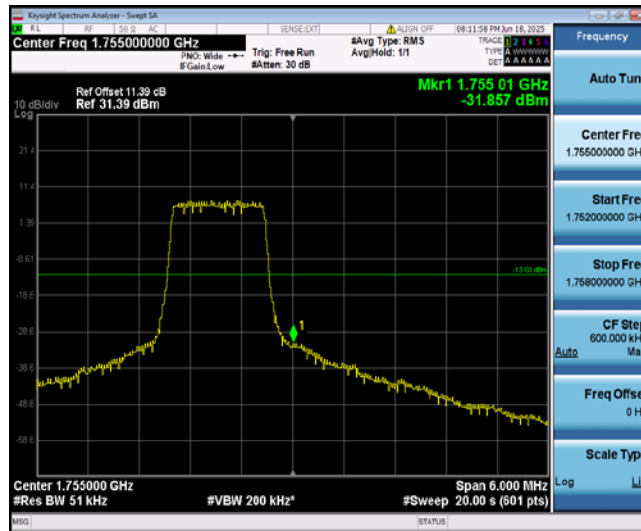
Band4-3MHz-16QAM-19965-1-0-Low--31.83-PASS



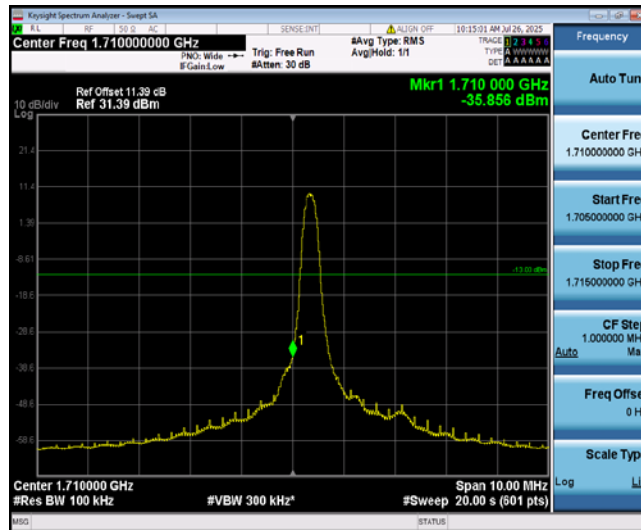
Band4-3MHz-16QAM-19965-6-0-Low--33.41-PASS



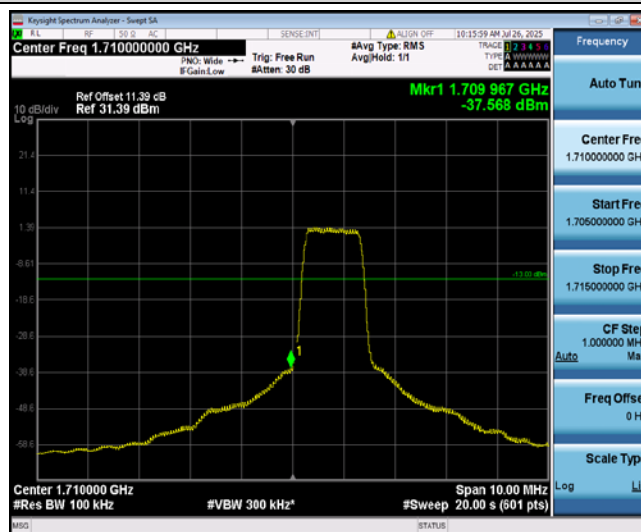
Band4-3MHz-16QAM-20385-1-0-High--41.24-PASS



Band4-3MHz-16QAM-20385-6-0-High--31.86-PASS



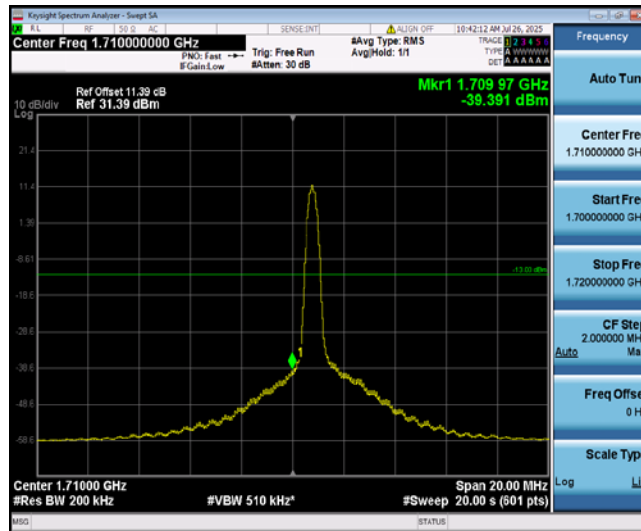
Band4-5MHz-QPSK-19975-1-0-Low--35.86-PASS



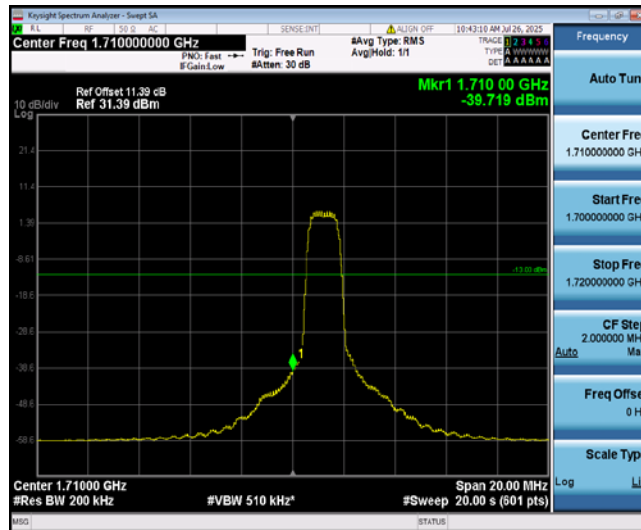
Band4-5MHz-QPSK-19975-6-0-Low--37.57-PASS

Band4-5MHz-QPSK-20375-1-0-High--41.96-PASS
Band4-5MHz-QPSK-20375-6-0-High--34.37-PASS
Band4-5MHz-16QAM-19975-1-0-Low--34.24-PASS

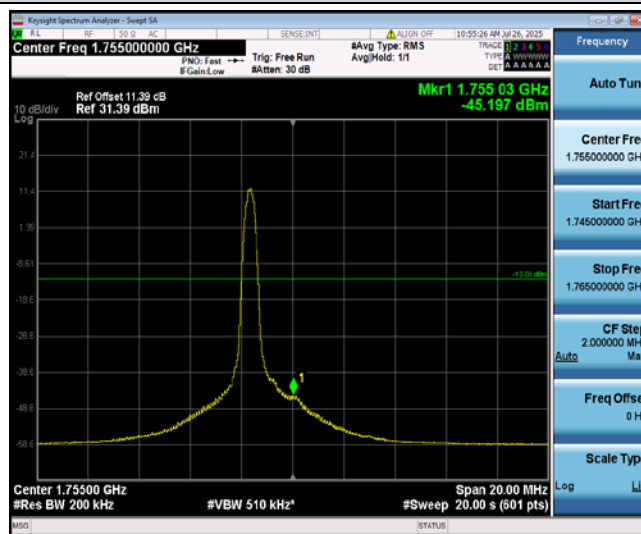
Band4-5MHz-16QAM-19975-6-0-Low--37.38-PASS
Band4-5MHz-16QAM-20375-1-0-High--50.93-PASS
Band4-5MHz-16QAM-20375-6-0-High--33.75-PASS



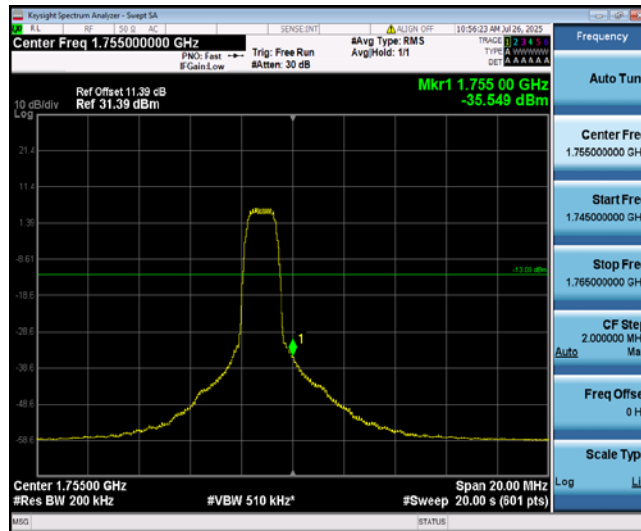
Band4-10MHz-QPSK-20000-1-0-Low--39.39-PASS



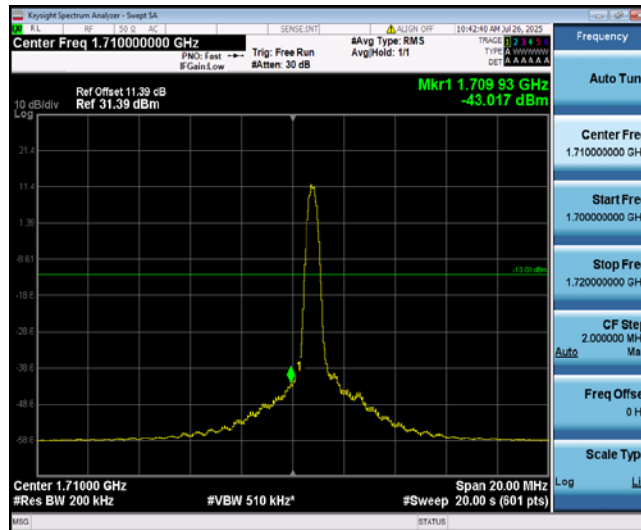
Band4-10MHz-QPSK-20000-6-0-Low--39.72-PASS



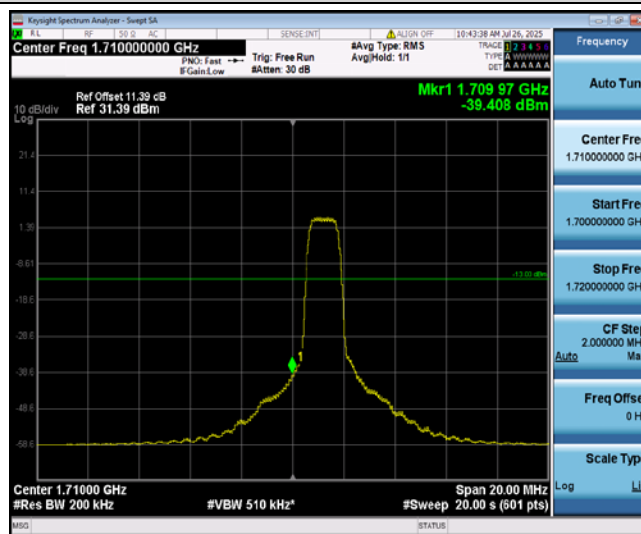
Band4-10MHz-QPSK-20350-1-0-High--45.20-PASS



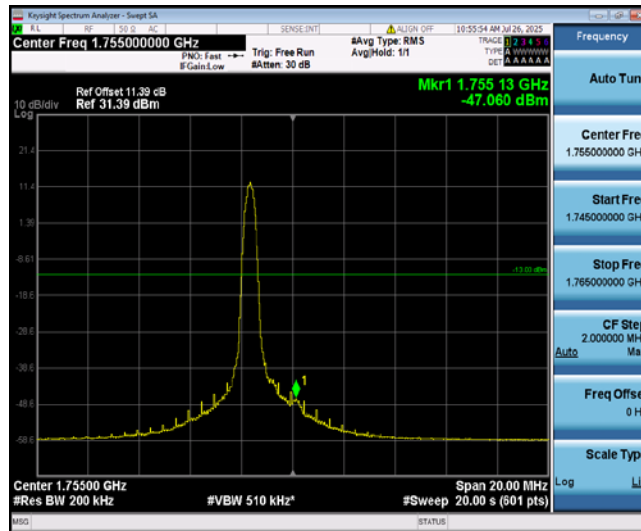
Band4-10MHz-QPSK-20350-6-0-High--35.55-PASS



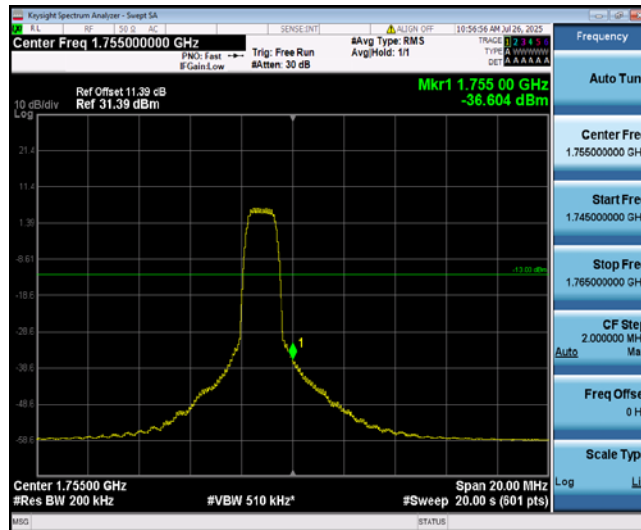
Band4-10MHz-16QAM-20000-1-0-Low--43.02-PASS



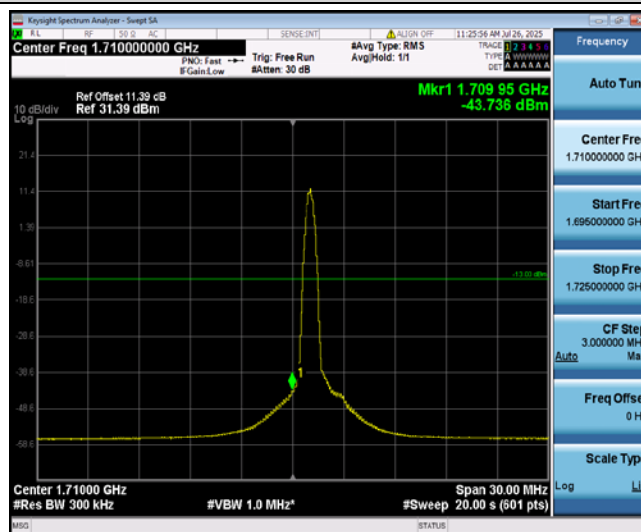
Band4-10MHz-16QAM-20000-6-0-Low--39.41-PASS



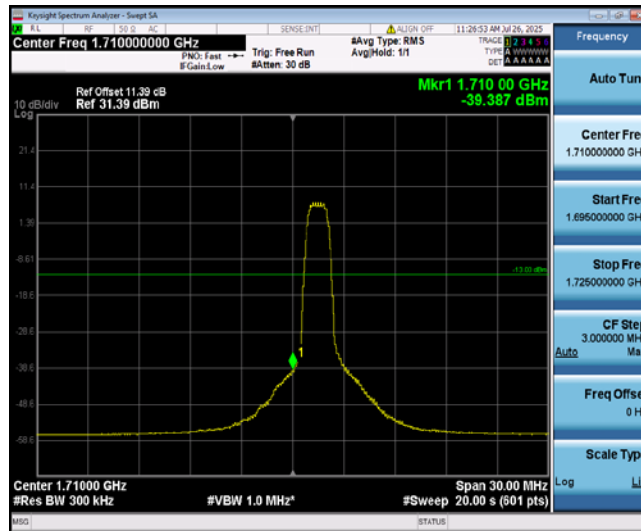
Band4-10MHz-16QAM-20350-1-0-High--47.06-PASS



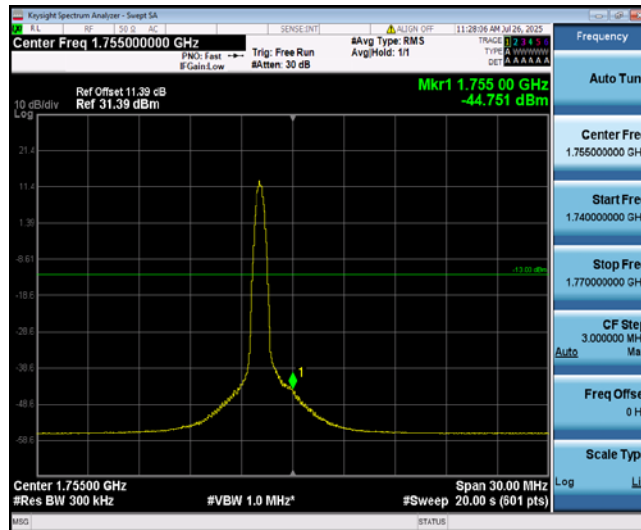
Band4-10MHz-16QAM-20350-6-0-High--36.60-PASS



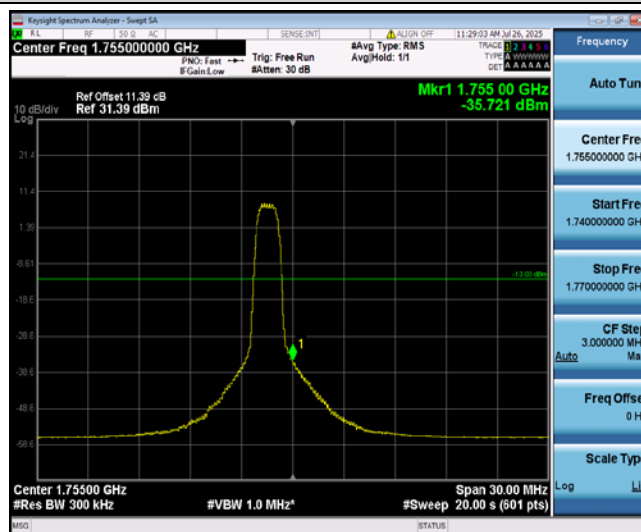
Band4-15MHz-QPSK-20025-1-0-Low--43.74-PASS



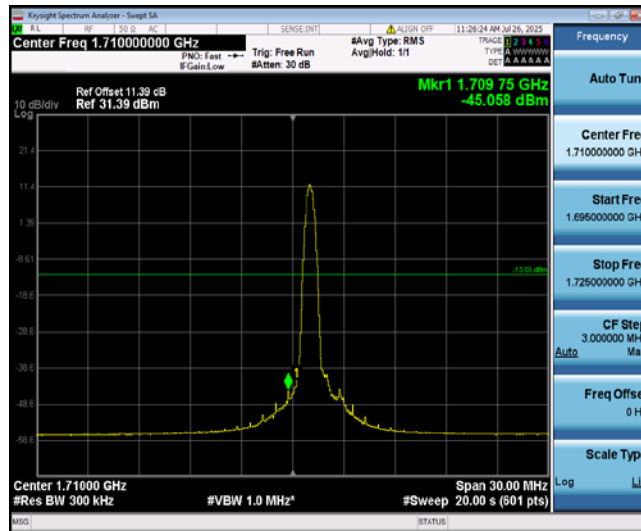
Band4-15MHz-QPSK-20025-6-0-Low--39.39-PASS



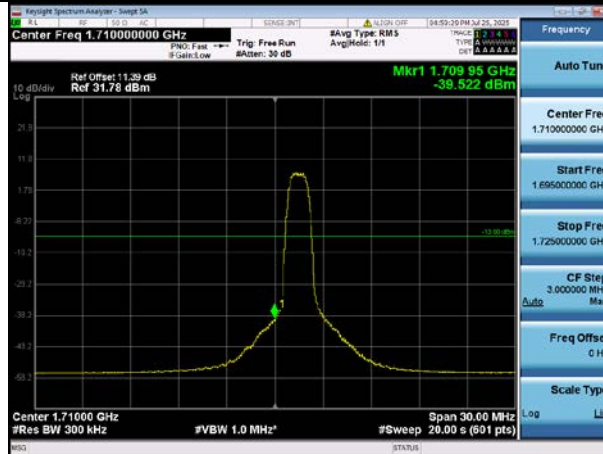
Band4-15MHz-QPSK-20325-1-0-High--44.75-PASS



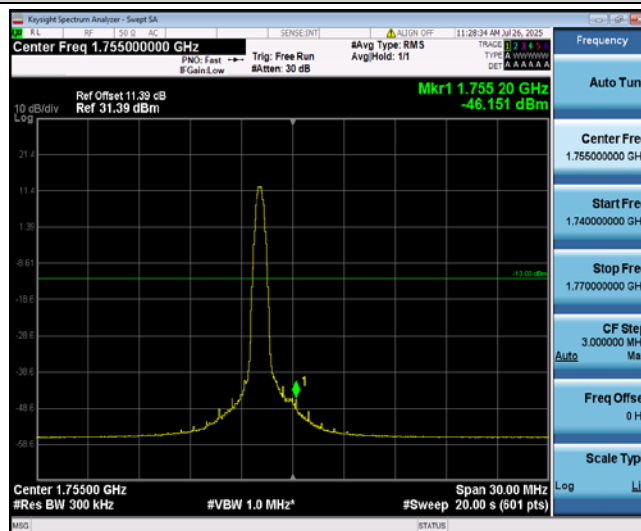
Band4-15MHz-QPSK-20325-6-0-High--35.72-PASS



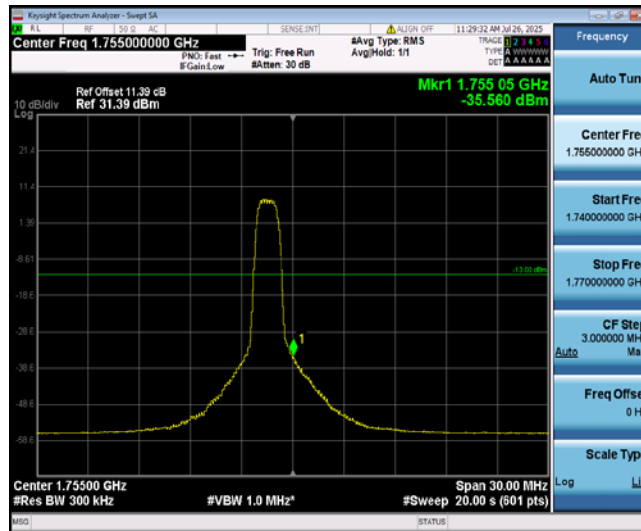
Band4-15MHz-16QAM-20025-1-0-Low--45.06-PASS



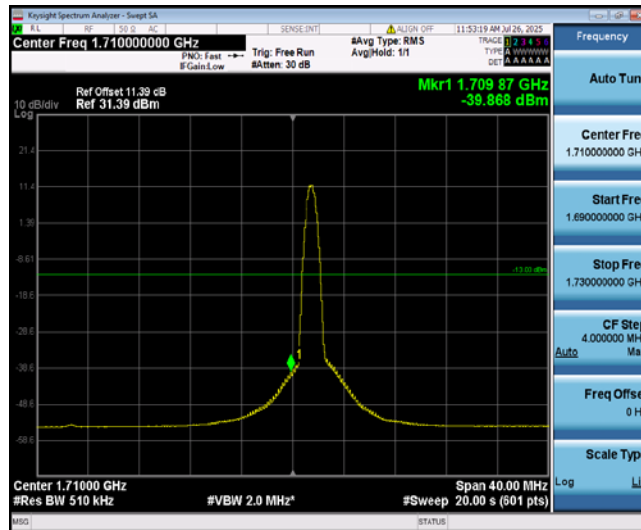
Band4-15MHz-16QAM-20025-6-0-Low--39.41-PASS



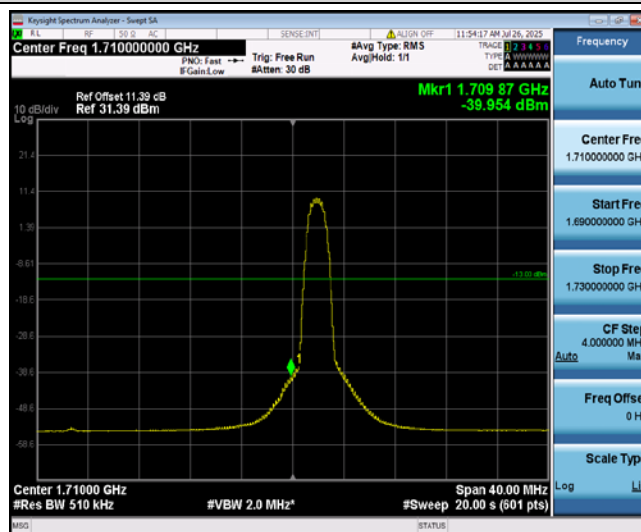
Band4-15MHz-16QAM-20325-1-0-High--46.15-PASS



Band4-15MHz-16QAM-20325-6-0-High--35.56-PASS



Band4-20MHz-QPSK-20050-1-0-Low--39.87-PASS



Band4-20MHz-QPSK-20050-6-0-Low--39.95-PASS