Appendix D: Test Data for E-UTRA Band 7

Product Name: Pet GPS Tracker & Health Monitor

Test Model: C09

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Nick Peng

D.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.03	PASS
Band7	5MHz	16QAM	20775	1RB#0	19.69	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.14	PASS
Band7	5MHz	16QAM	20775	1RB#12	19.71	PASS
Band7	5MHz	QPSK	20775	1RB#24	20.53	PASS
Band7	5MHz	16QAM	20775	1RB#24	19.75	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.42	PASS
Band7	5MHz	16QAM	20775	12RB#0	19.51	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.31	PASS
Band7	5MHz	16QAM	20775	12RB#6	19.47	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.31	PASS
Band7	5MHz	16QAM	20775	12RB#13	19.43	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.31	PASS
Band7	5MHz	16QAM	20775	25RB#0	19.56	PASS
Band7	5MHz	QPSK	21100	1RB#0	20.81	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.24	PASS
Band7	5MHz	QPSK	21100	1RB#12	20.80	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.27	PASS
Band7	5MHz	QPSK	21100	1RB#24	20.86	PASS
Band7	5MHz	16QAM	21100	1RB#24	19.83	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.04	PASS
Band7	5MHz	16QAM	21100	12RB#0	19.08	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.05	PASS
Band7	5MHz	16QAM	21100	12RB#6	19.06	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.13	PASS
Band7	5MHz	16QAM	21100	12RB#13	19.14	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.07	PASS
Band7	5MHz	16QAM	21100	25RB#0	19.21	PASS
Band7	5MHz	QPSK	21425	1RB#0	20.89	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.69	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.35	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.68	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.07	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.68	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.03	PASS

Band7	5MHz	16QAM	21425	12RB#0	20.30	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.02	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.39	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.21	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.28	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.12	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.41	PASS
Band7	10MHz	QPSK	20800	1RB#0	20.64	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.61	PASS
Band7	10MHz	QPSK	20800	1RB#24	20.43	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.44	PASS
Band7	10MHz	QPSK	20800	1RB#49	20.34	PASS
Band7	10MHz	16QAM	20800	1RB#49	20.35	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.58	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.20	PASS
Band7	10MHz	QPSK	20800	25RB#12	20.60	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.09	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.46	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.06	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.51	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.15	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.76	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.74	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.87	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.84	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.92	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.90	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.84	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.15	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.87	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.15	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.93	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.22	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.97	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.13	PASS
Band7	10MHz	QPSK	21400	1RB#0	20.56	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.44	PASS
Band7	10MHz	QPSK	21400	1RB#24	20.79	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.81	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.29	PASS

Band7	10MHz	16QAM	21400	1RB#49	21.22	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.68	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.27	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.66	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.26	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.17	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.26	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.93	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.34	PASS
Band7	15MHz	QPSK	20825	1RB#0	20.68	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.64	PASS
Band7	15MHz	QPSK	20825	1RB#38	20.24	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.24	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.15	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.17	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.36	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.35	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.35	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.34	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.34	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.34	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.34	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.31	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.56	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.10	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.68	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.23	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.54	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.36	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.14	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.15	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.15	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.15	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.15	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.15	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.15	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.36	PASS
Band7	15MHz	QPSK	21375	1RB#0	20.58	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.29	PASS
Band7	15MHz	QPSK	21375	1RB#38	20.67	PASS

Band7	15MHz	16QAM	21375	1RB#38	20.46	PASS
Band7	15MHz	QPSK	21375	1RB#74	20.99	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.80	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.75	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.74	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.74	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.73	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.73	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.73	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.73	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.46	PASS
Band7	20MHz	QPSK	20850	1RB#0	20.72	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.55	PASS
Band7	20MHz	QPSK	20850	1RB#49	20.16	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.03	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.14	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.37	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.25	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.27	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.26	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.27	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.51	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.04	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.38	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.11	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.69	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.34	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.88	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.50	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.95	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.53	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.88	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.02	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.82	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.05	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.05	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.28	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.95	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.31	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.01	PASS

Band7	20MHz	16QAM	21350	1RB#0	20.80	PASS
Band7	20MHz	QPSK	21350	1RB#49	20.50	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.38	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.39	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.08	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.58	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.54	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.57	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.54	PASS
Band7	20MHz	QPSK	21350	50RB#50	20.93	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.43	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.76	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.40	PASS

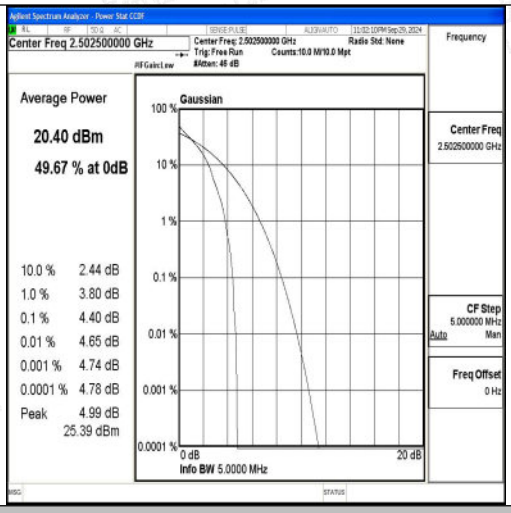
D.2 Peak-to-Average Ratio(CCDF)

Test Result

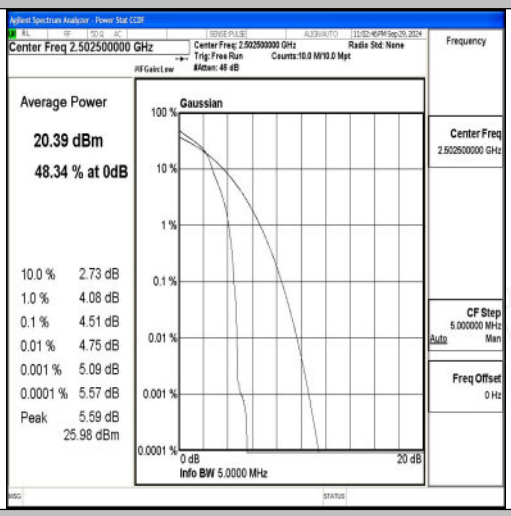
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.40	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.51	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.04	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.53	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.29	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.21	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.25	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.93	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.61	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.72	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.00	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.56	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.25	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.51	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.09	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.59	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.12	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.09	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.22	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.99	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.55	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.87	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.02	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.64	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.20	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.49	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.39	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.70	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.06	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	4.83	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.47	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.00	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.53	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	4.86	13	PASS

Band7	15MHz	QPSK	21375	75RB#0	5.32	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.75	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.18	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.36	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.15	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.66	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.04	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.97	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.18	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.94	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.44	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.70	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.09	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.71	13	PASS

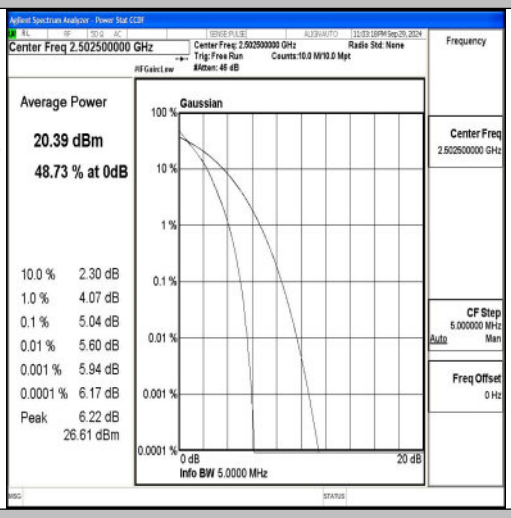
Test Graphs



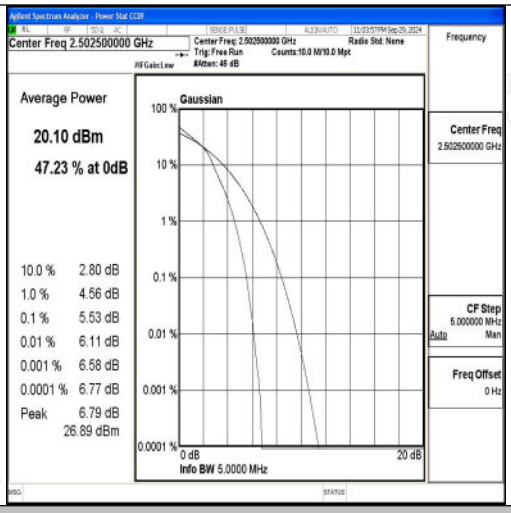
Band7-5MHz-QPSK-20775-1RB#0-PASS



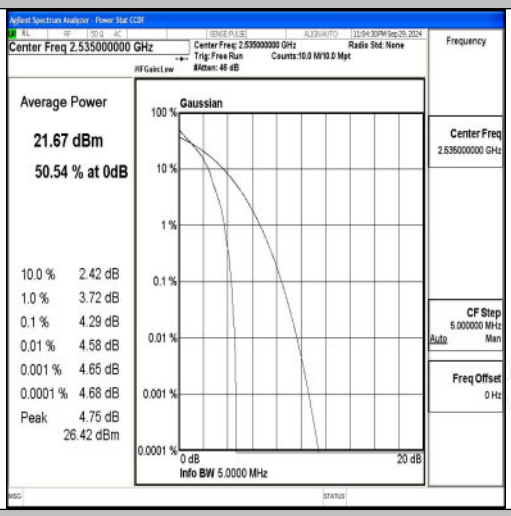
Band7-5MHz-16QAM-20775-1RB#0-PASS



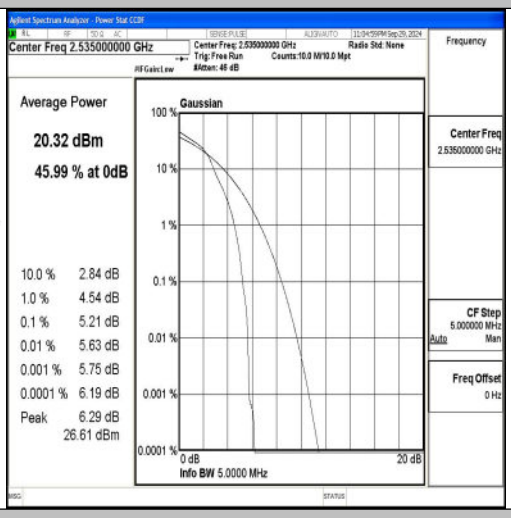
Band7-5MHz-QPSK-20775-25RB#0-PASS



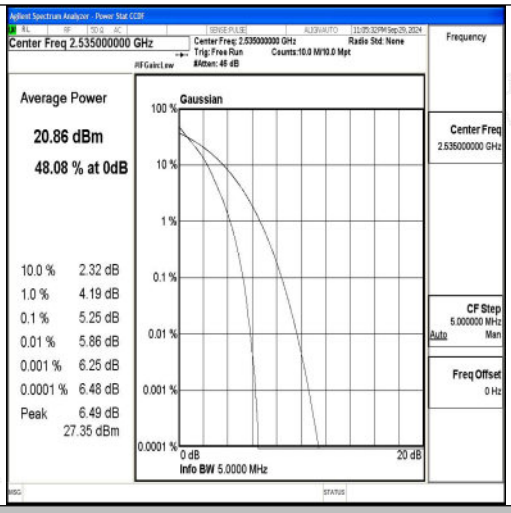
Band7-5MHz-16QAM-20775-25RB#0-PASS



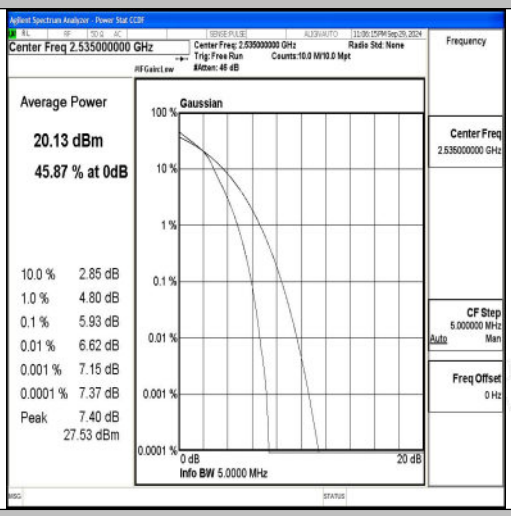
Band7-5MHz-QPSK-21100-1RB#0-PASS



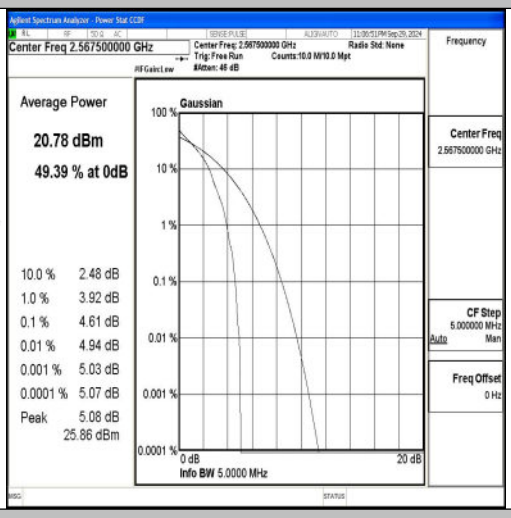
Band7-5MHz-16QAM-21100-1RB#0-PASS



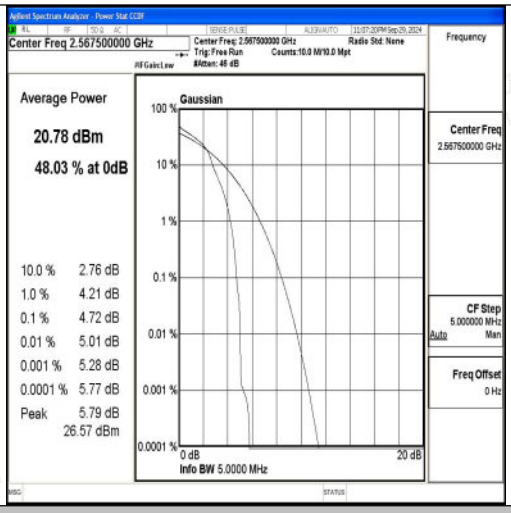
Band7-5MHz-QPSK-21100-25RB#0-PASS



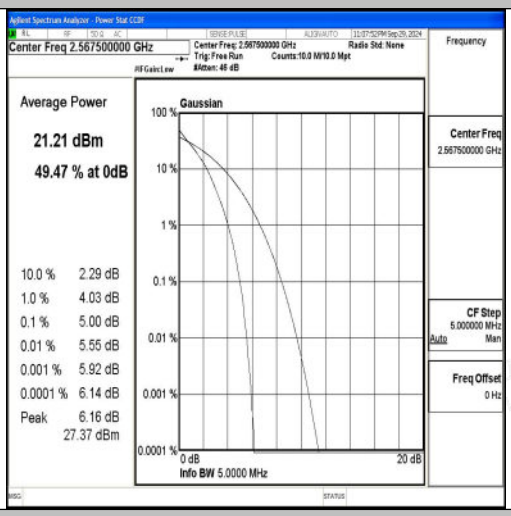
Band7-5MHz-16QAM-21100-25RB#0-PASS



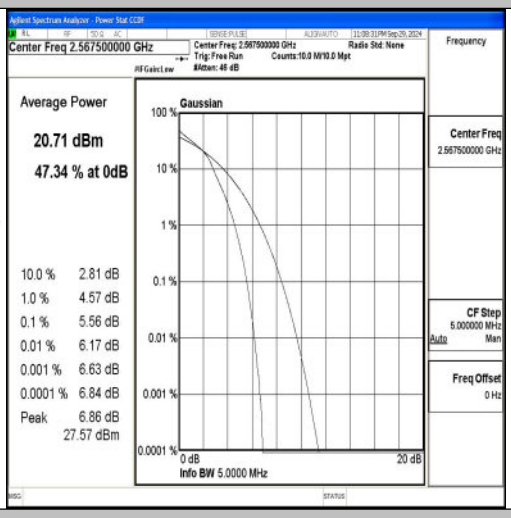
Band7-5MHz-QPSK-21425-1RB#0-PASS



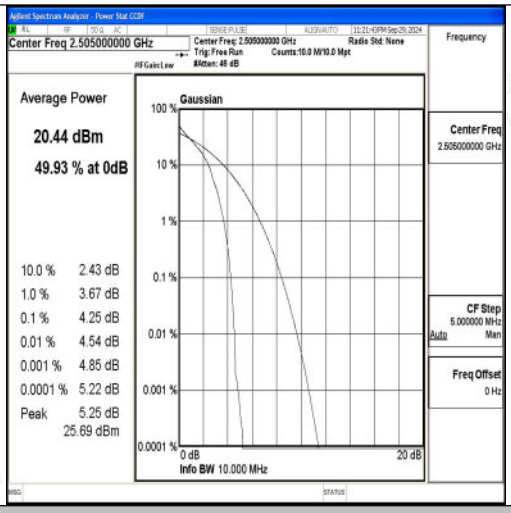
Band7-5MHz-16QAM-21425-1RB#0-PASS



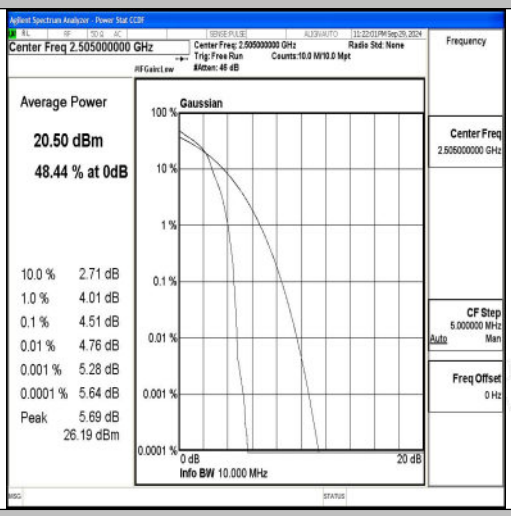
Band7-5MHz-QPSK-21425-25RB#0-PASS



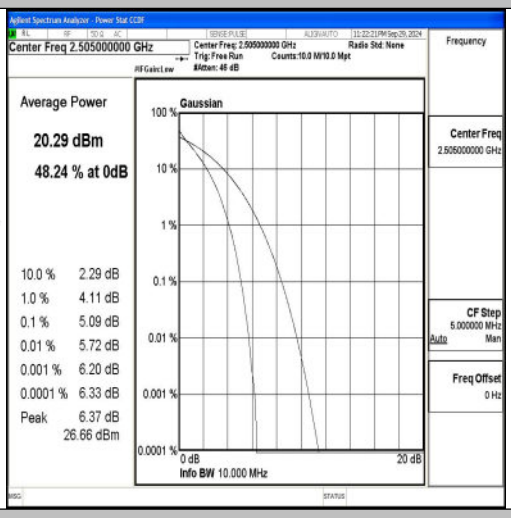
Band7-5MHz-16QAM-21425-25RB#0-PASS



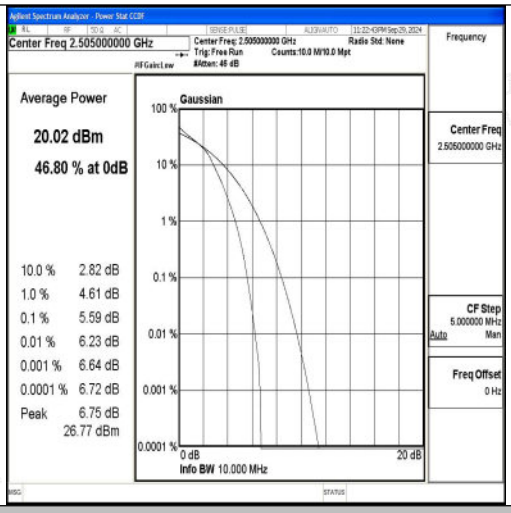
Band7-10MHz-QPSK-20800-1RB#0-PASS



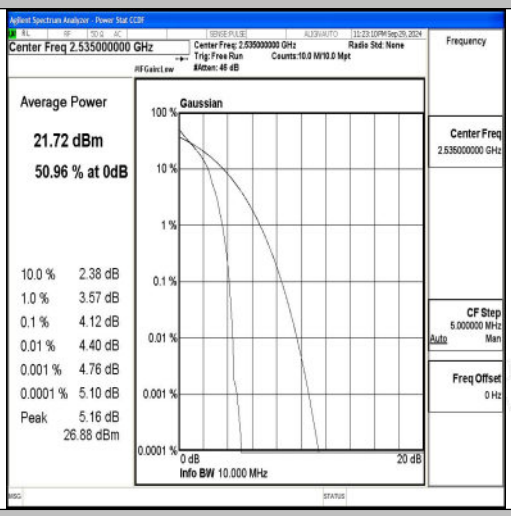
Band7-10MHz-16QAM-20800-1RB#0-PASS



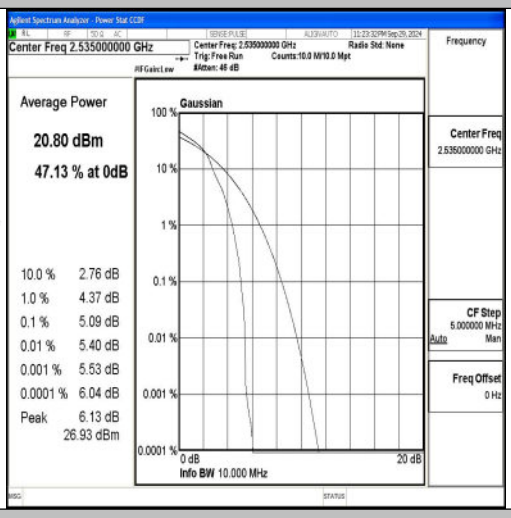
Band7-10MHz-QPSK-20800-50RB#0-PASS



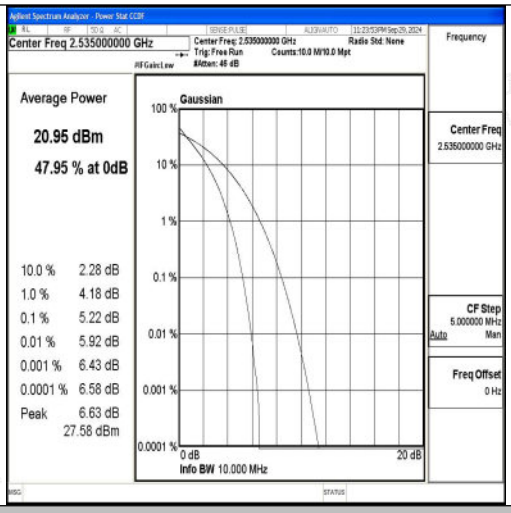
Band7-10MHz-16QAM-20800-50RB#0-PASS



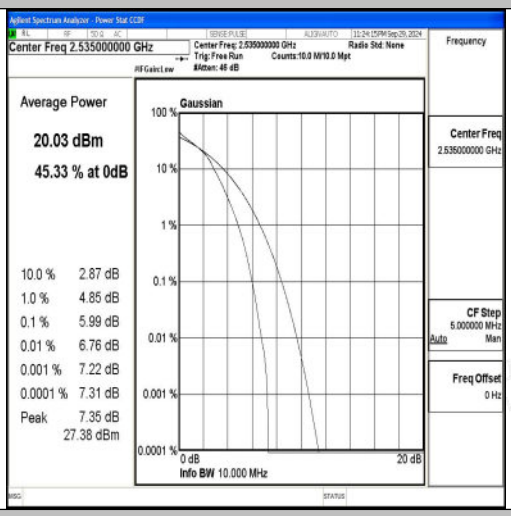
Band7-10MHz-QPSK-21100-1RB#0-PASS



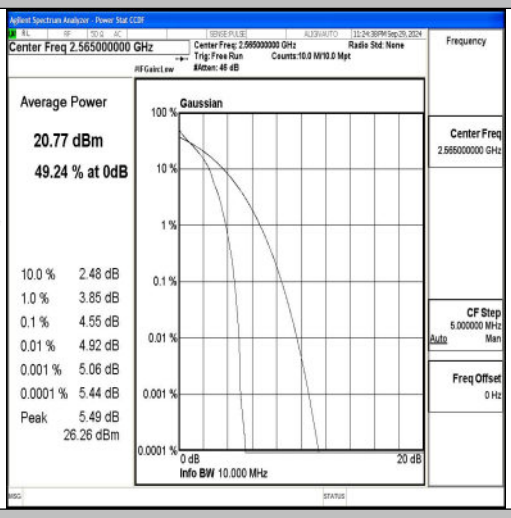
Band7-10MHz-16QAM-21100-1RB#0-PASS



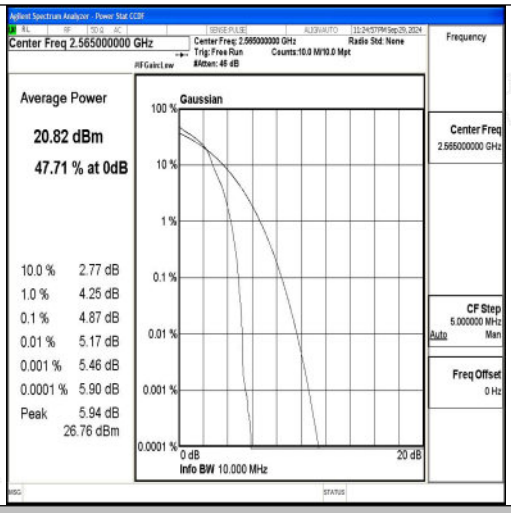
Band7-10MHz-QPSK-21100-50RB#0-PASS



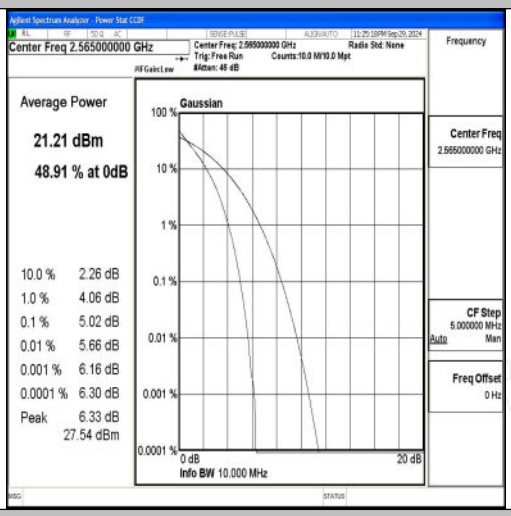
Band7-10MHz-16QAM-21100-50RB#0-PASS



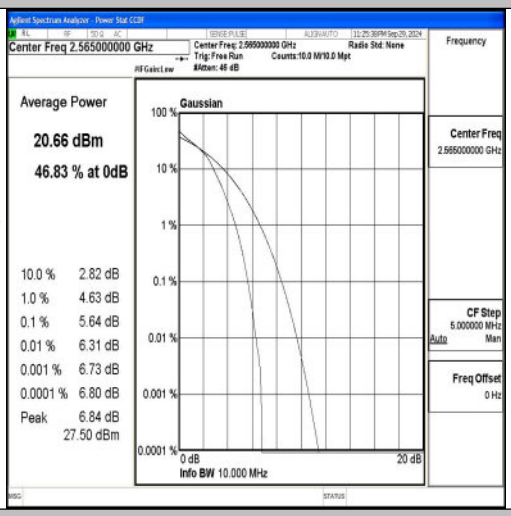
Band7-10MHz-QPSK-21400-1RB#0-PASS



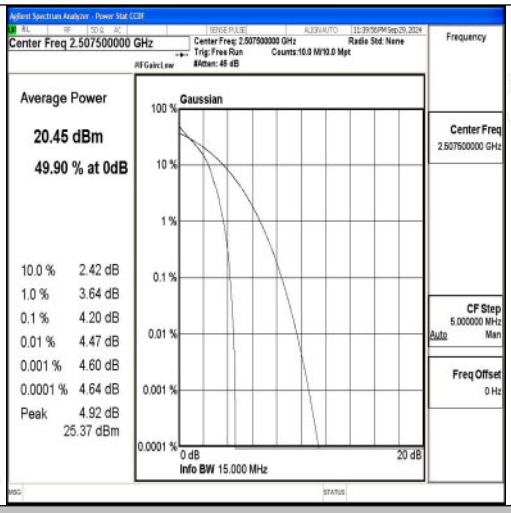
Band7-10MHz-16QAM-21400-1RB#0-PASS



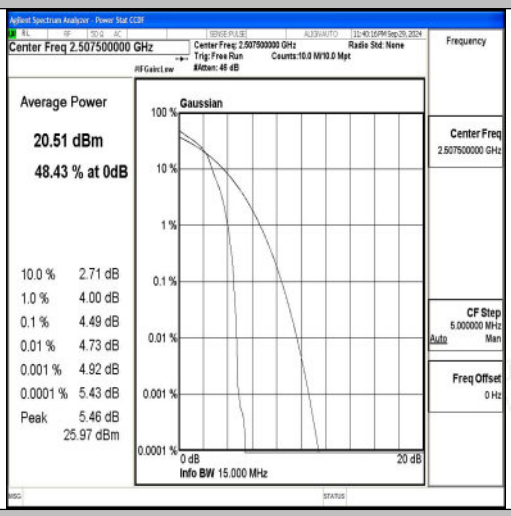
Band7-10MHz-QPSK-21400-50RB#0-PASS



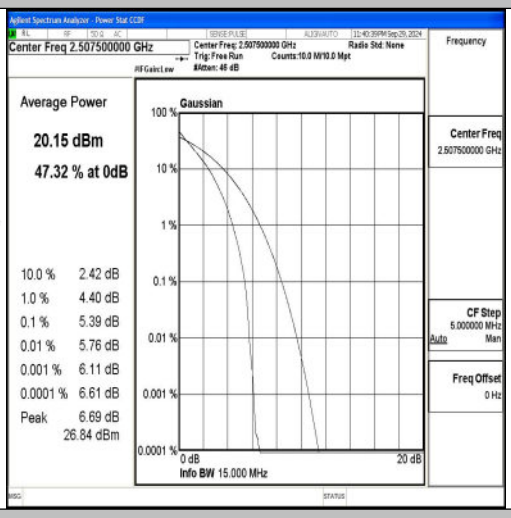
Band7-10MHz-16QAM-21400-50RB#0-PASS



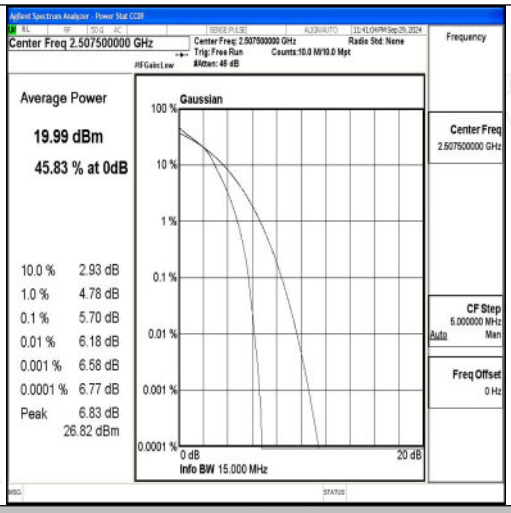
Band7-15MHz-QPSK-20825-1RB#0-PASS



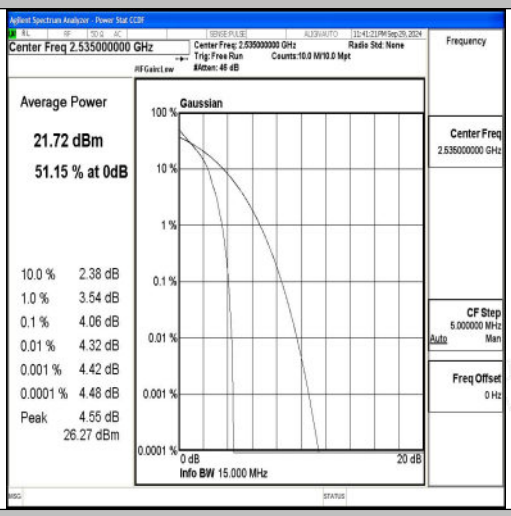
Band7-15MHz-16QAM-20825-1RB#0-PASS



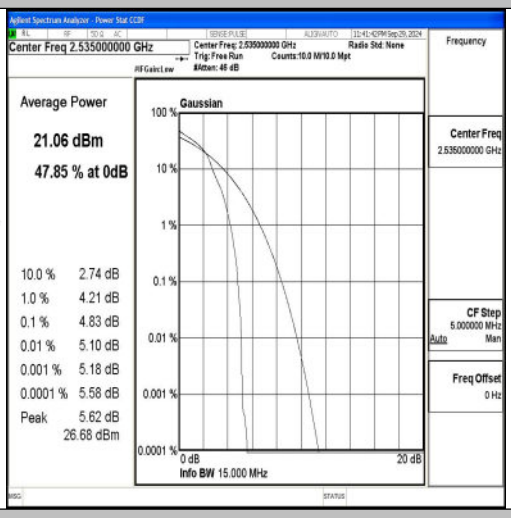
Band7-15MHz-QPSK-20825-75RB#0-PASS



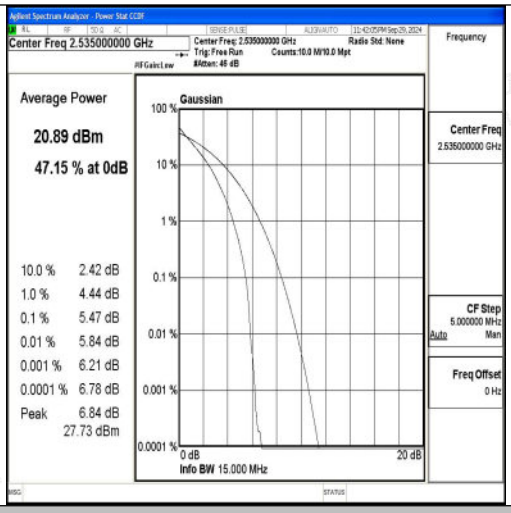
Band7-15MHz-16QAM-20825-75RB#0-PASS



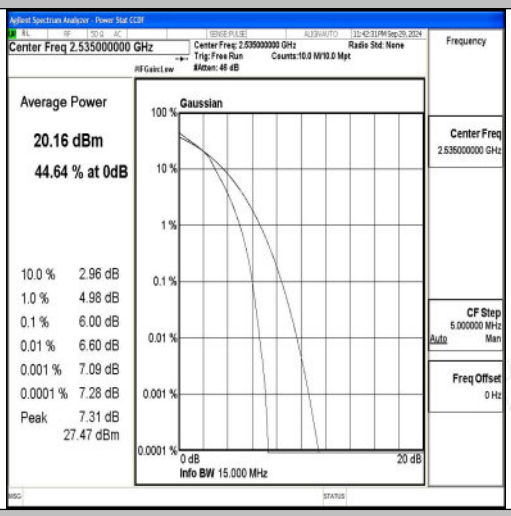
Band7-15MHz-QPSK-21100-1RB#0-PASS



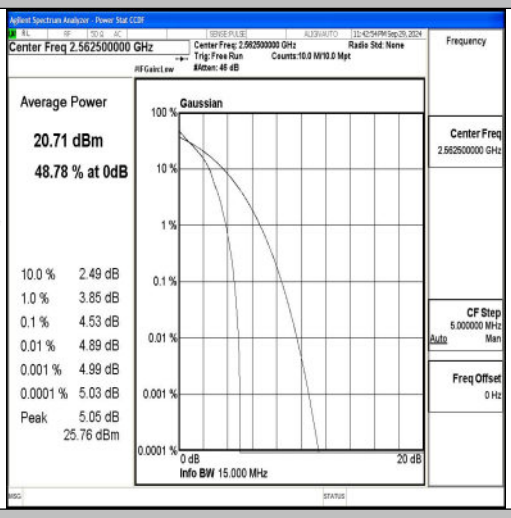
Band7-15MHz-16QAM-21100-1RB#0-PASS



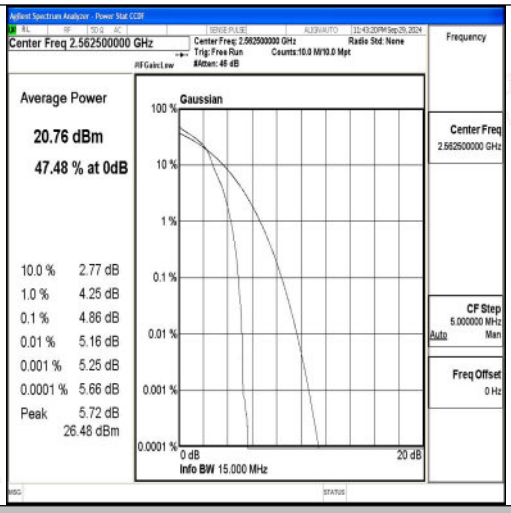
Band7-15MHz-QPSK-21100-75RB#0-PASS



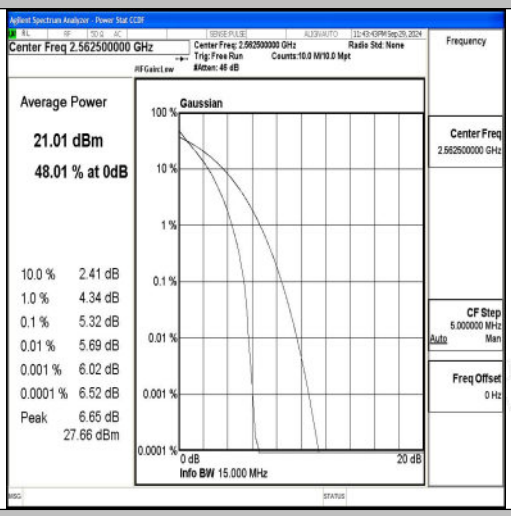
Band7-15MHz-16QAM-21100-75RB#0-PASS



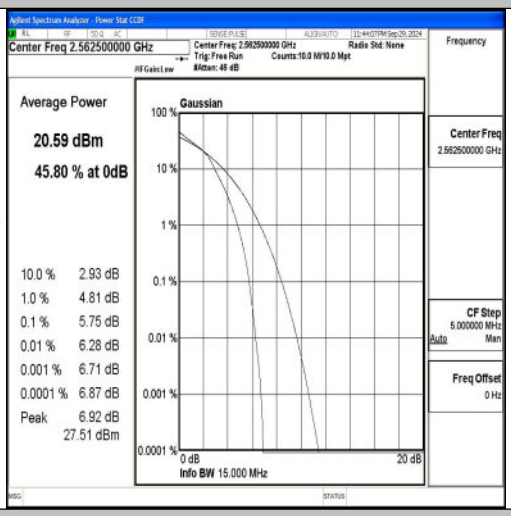
Band7-15MHz-QPSK-21375-1RB#0-PASS



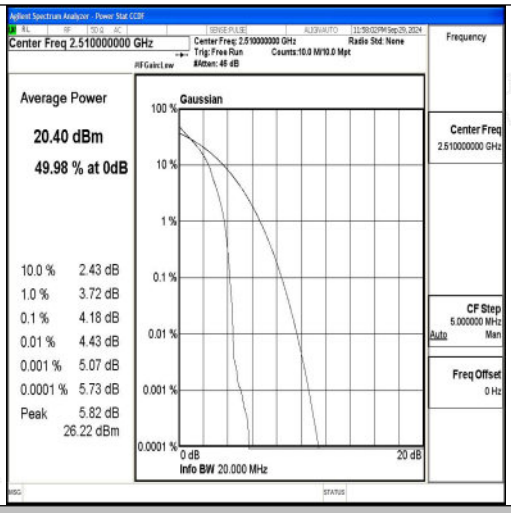
Band7-15MHz-16QAM-21375-1RB#0-PASS



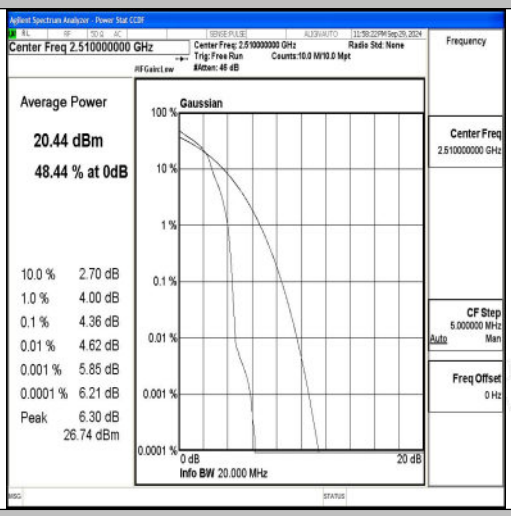
Band7-15MHz-QPSK-21375-75RB#0-PASS



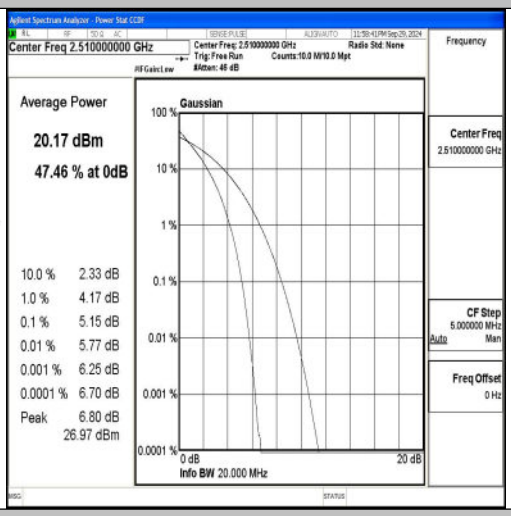
Band7-15MHz-16QAM-21375-75RB#0-PASS



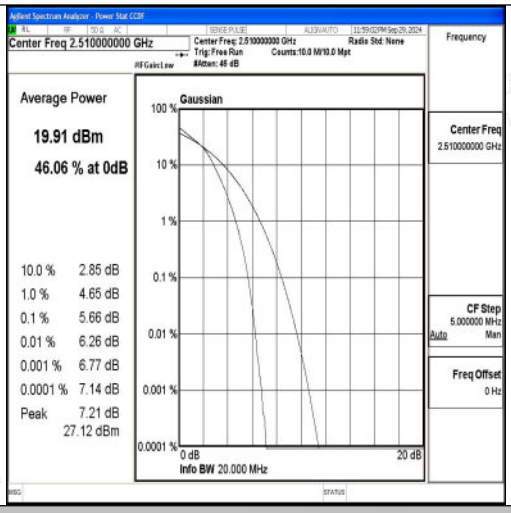
Band7-20MHz-QPSK-20850-1RB#0-PASS



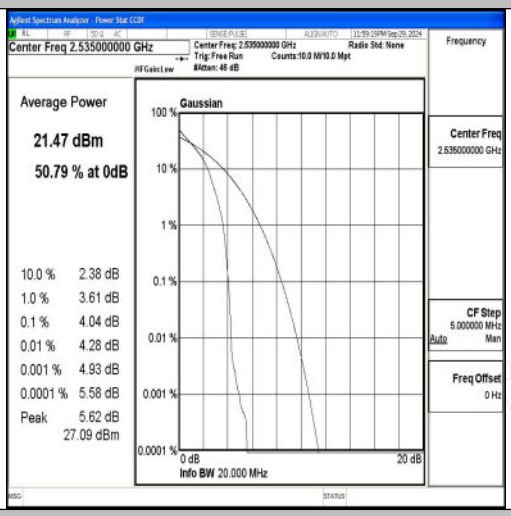
Band7-20MHz-16QAM-20850-1RB#0-PASS



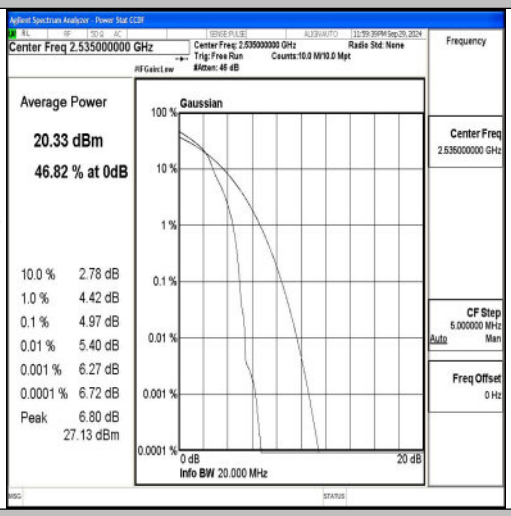
Band7-20MHz-QPSK-20850-100RB#0-PASS



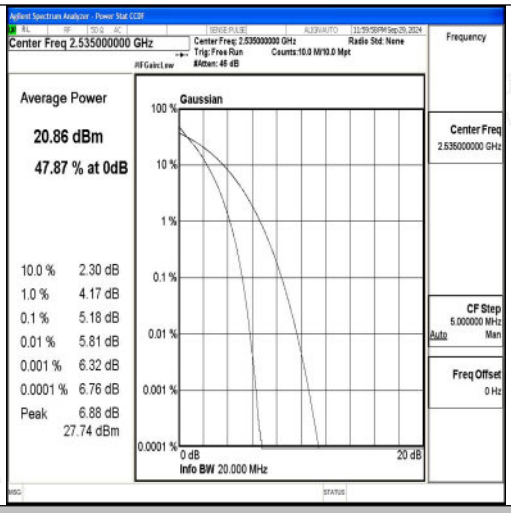
Band7-20MHz-16QAM-20850-100RB#0-PASS



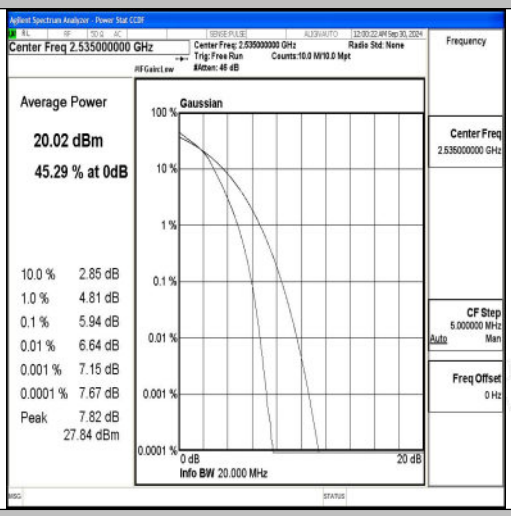
Band7-20MHz-QPSK-21100-1RB#0-PASS



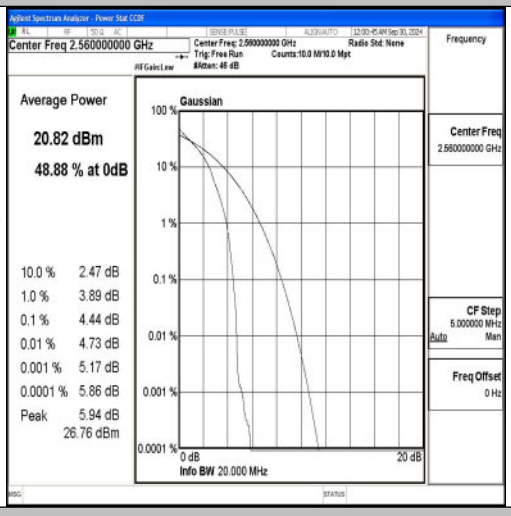
Band7-20MHz-16QAM-21100-1RB#0-PASS



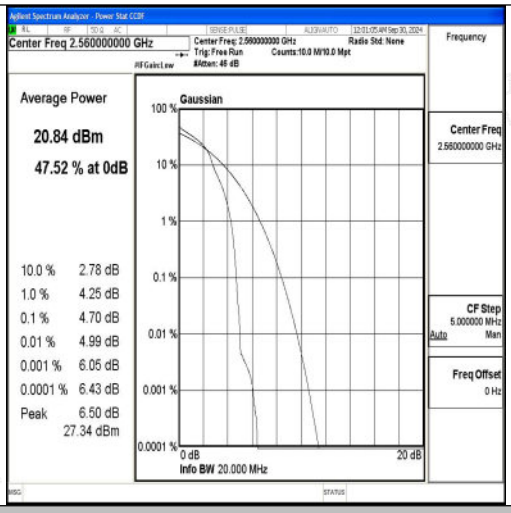
Band7-20MHz-QPSK-21100-100RB#0-PASS



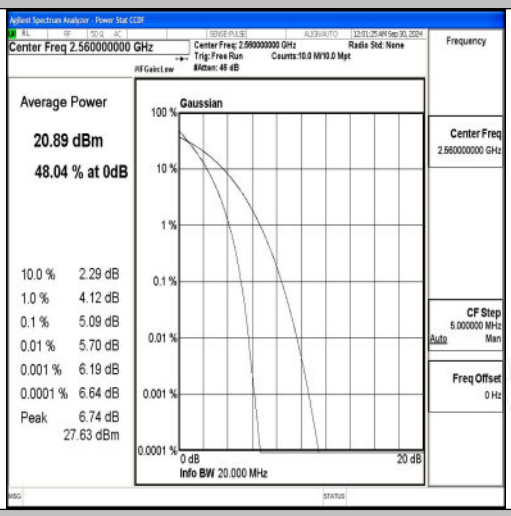
Band7-20MHz-16QAM-21100-100RB#0-PASS



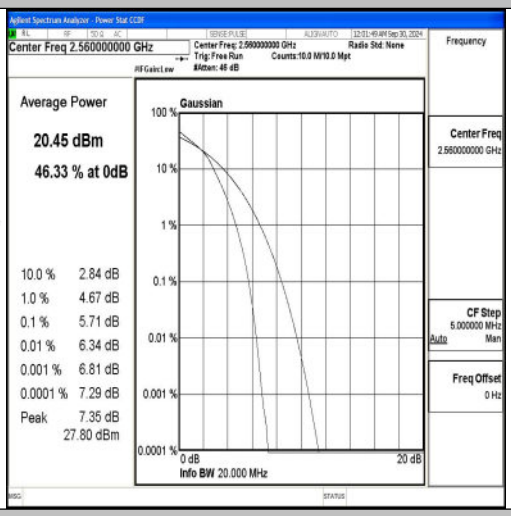
Band7-20MHz-QPSK-21350-1RB#0-PASS



Band7-20MHz-16QAM-21350-1RB#0-PASS



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



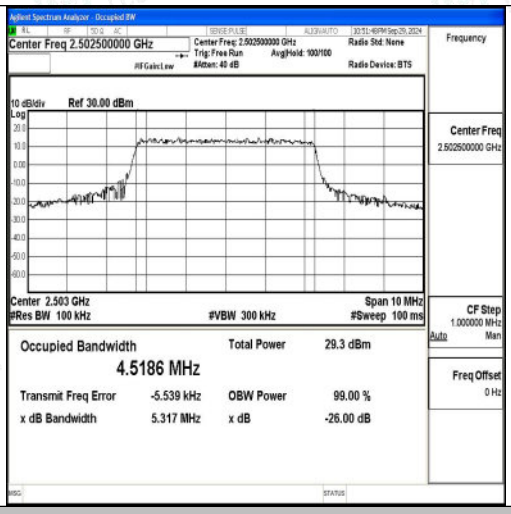
Band7-20MHz-16QAM-21350-100RB#0-PASS

D.3 26dB Bandwidth and Occupied Bandwidth

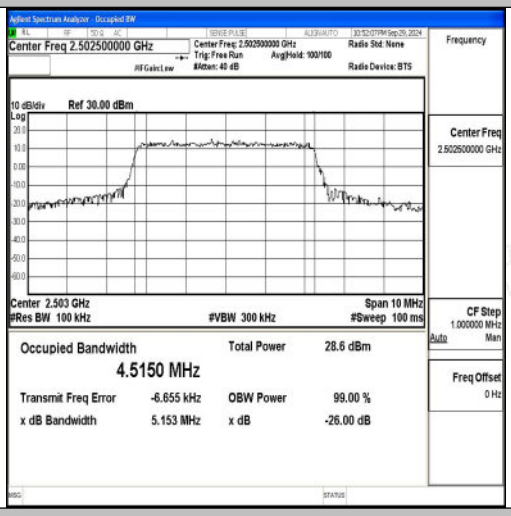
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5186	5.317	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5150	5.153	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5210	5.291	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5170	5.300	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5201	5.385	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5339	5.310	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0042	10.03	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0039	10.37	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9923	10.13	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0115	10.07	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0086	10.26	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0161	10.52	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.542	15.24	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.512	15.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.501	15.10	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.484	15.02	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.525	15.75	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.533	15.05	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.051	19.99	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.055	20.24	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.986	19.87	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.970	20.04	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.066	20.13	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.019	20.10	PASS

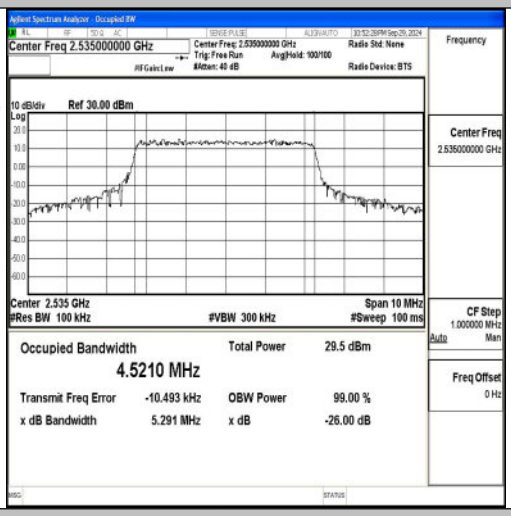
Test Graphs



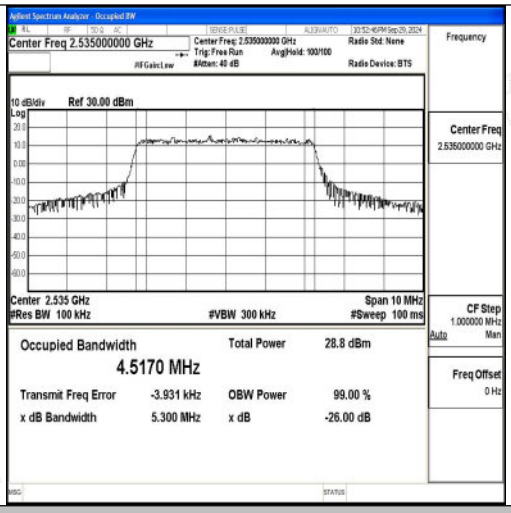
Band7-5MHz-QPSK-20775-25RB#0-PASS



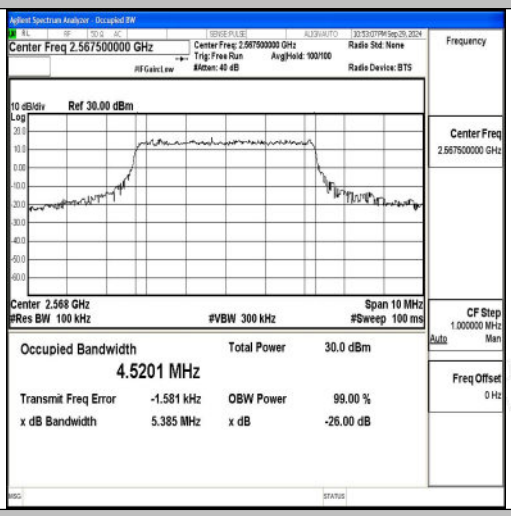
Band7-5MHz-16QAM-20775-25RB#0-PASS



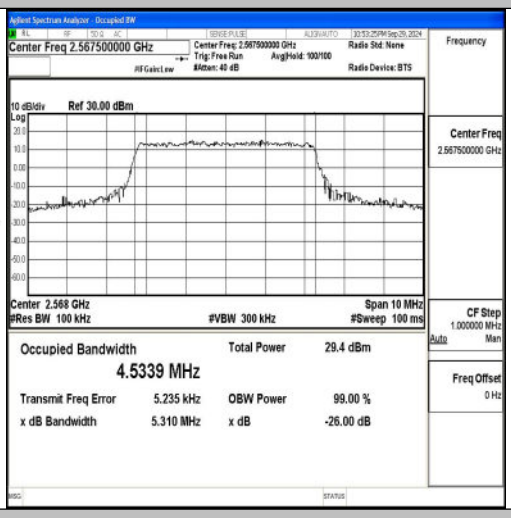
Band7-5MHz-QPSK-21100-25RB#0-PASS



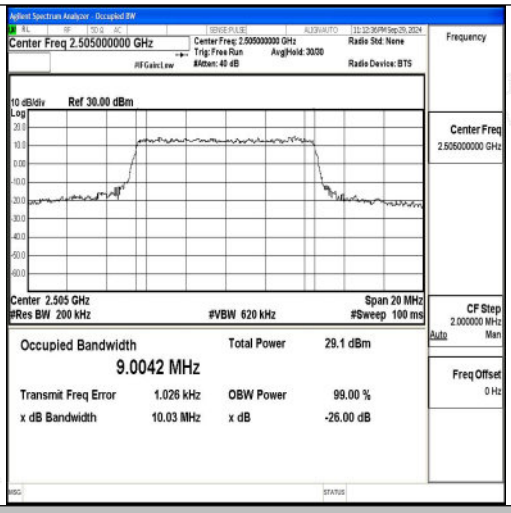
Band7-5MHz-16QAM-21100-25RB#0-PASS



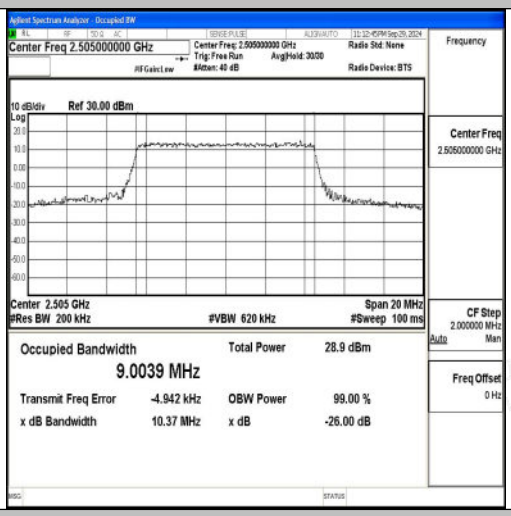
Band7-5MHz-QPSK-21425-25RB#0-PASS



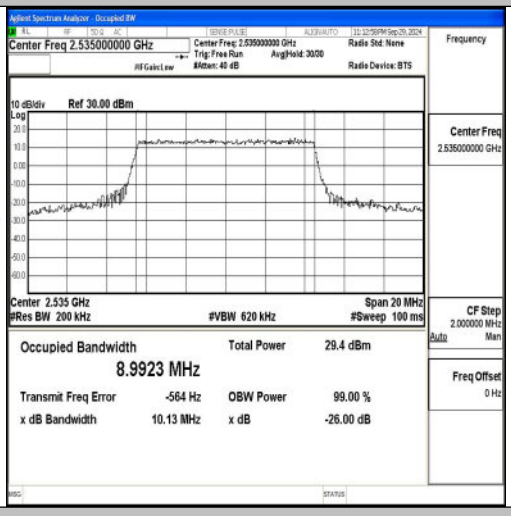
Band7-5MHz-16QAM-21425-25RB#0-PASS



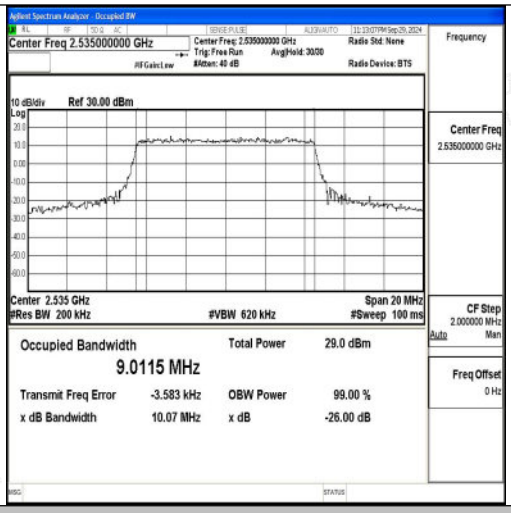
Band7-10MHz-QPSK-20800-50RB#0-PASS



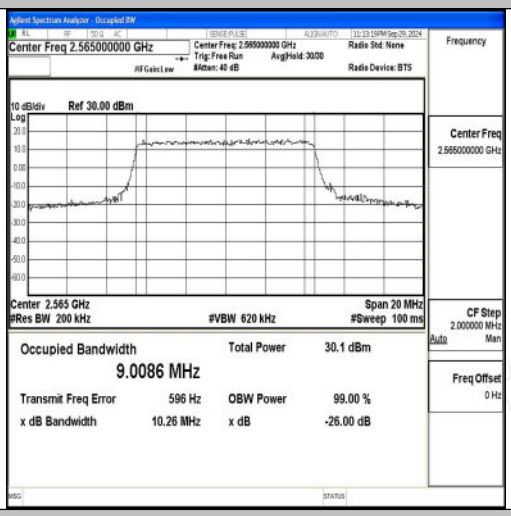
Band7-10MHz-16QAM-20800-50RB#0-PASS



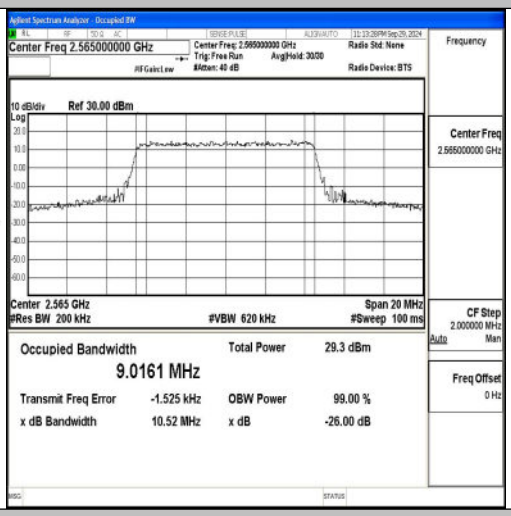
Band7-10MHz-QPSK-21100-50RB#0-PASS



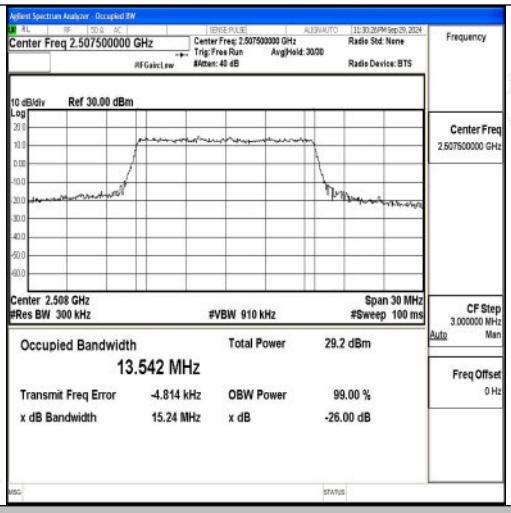
Band7-10MHz-16QAM-21100-50RB#0-PASS



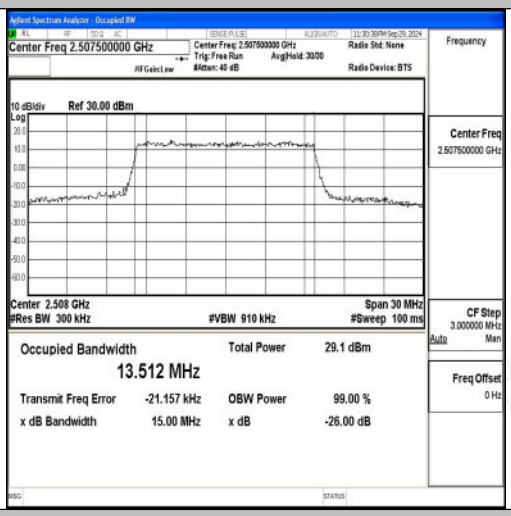
Band7-10MHz-QPSK-21400-50RB#0-PASS



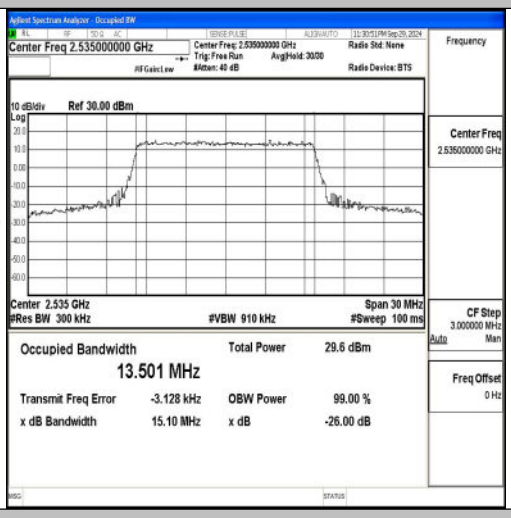
Band7-10MHz-16QAM-21400-50RB#0-PASS



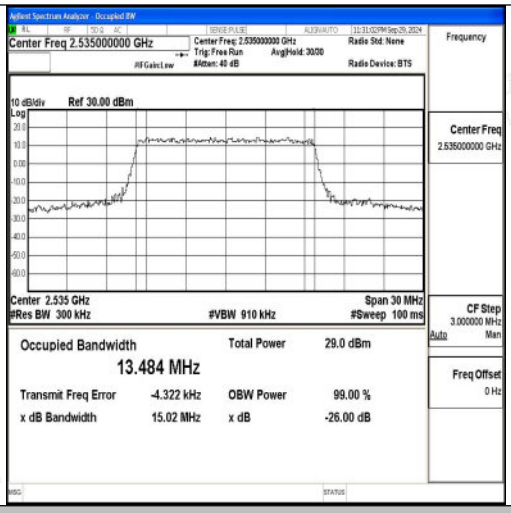
Band7-15MHz-QPSK-20825-75RB#0-PASS



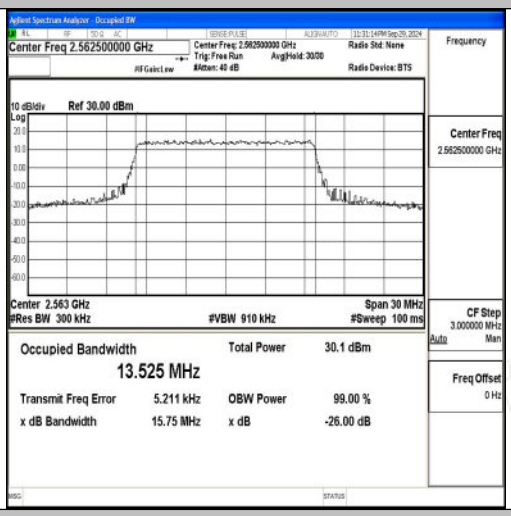
Band7-15MHz-16QAM-20825-75RB#0-PASS



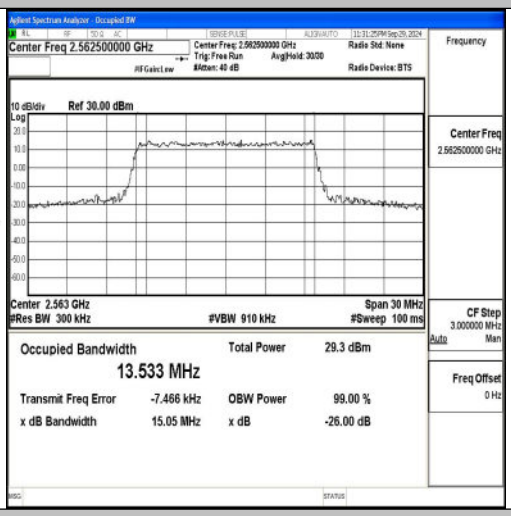
Band7-15MHz-QPSK-21100-75RB#0-PASS



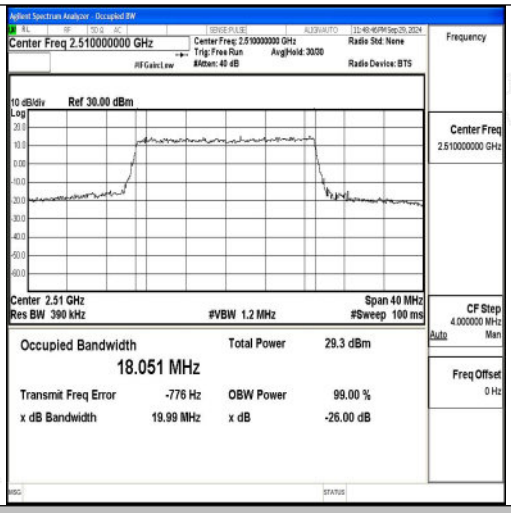
Band7-15MHz-16QAM-21100-75RB#0-PASS



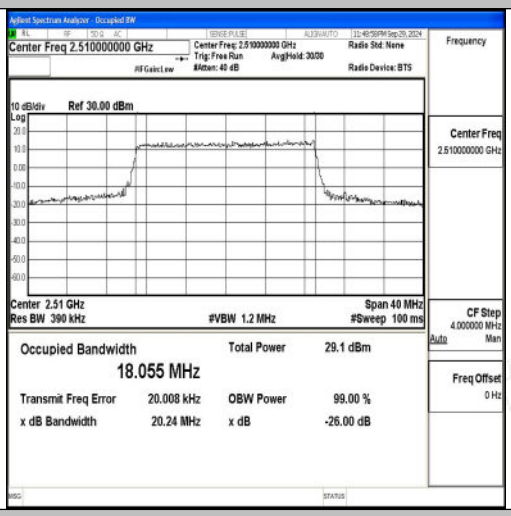
Band7-15MHz-QPSK-21375-75RB#0-PASS



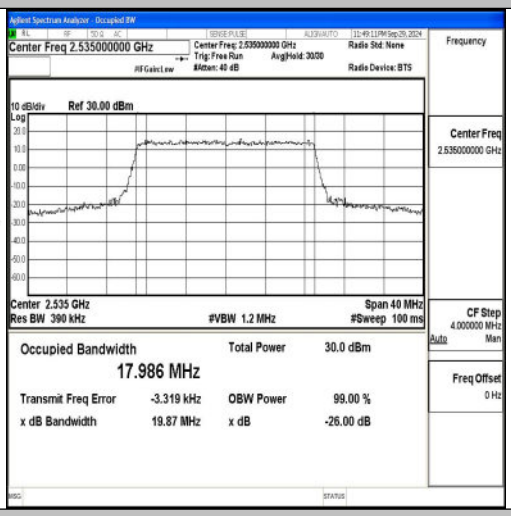
Band7-15MHz-16QAM-21375-75RB#0-PASS



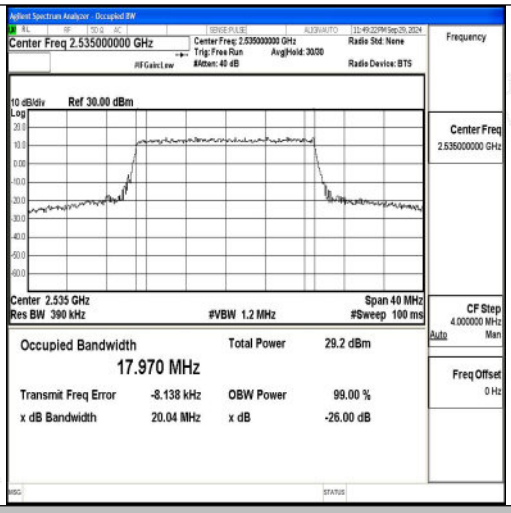
Band7-20MHz-QPSK-20850-100RB#0-PASS



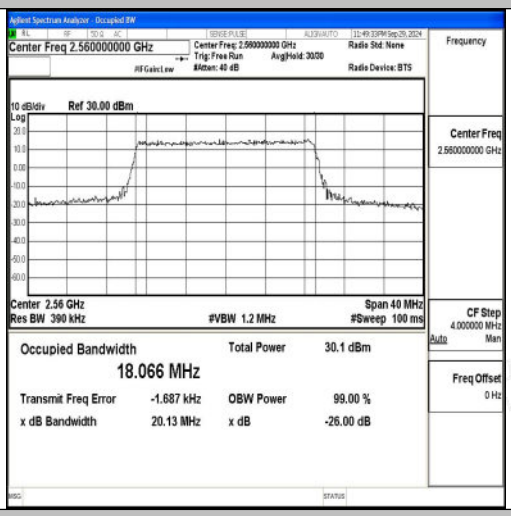
Band7-20MHz-16QAM-20850-100RB#0-PASS



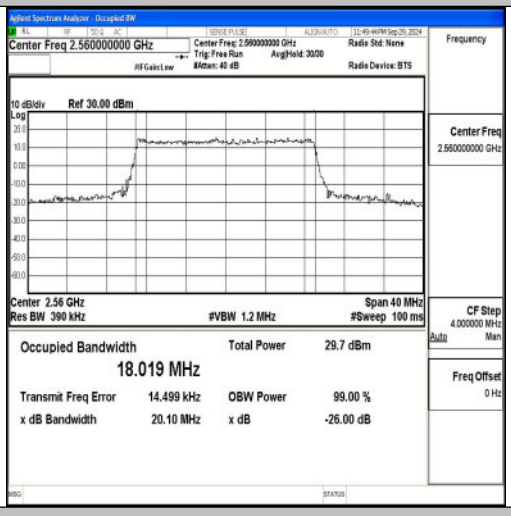
Band7-20MHz-QPSK-21100-100RB#0-PASS



Band7-20MHz-16QAM-21100-100RB#0-PASS



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



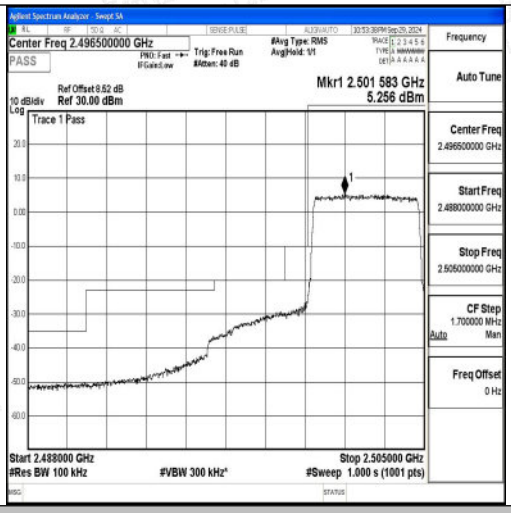
Band7-20MHz-16QAM-21350-100RB#0-PASS

D.4 Band Edge

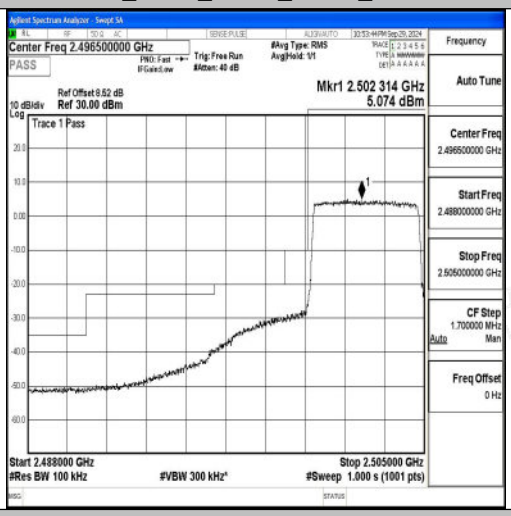
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	2498.85	-29.44	PASS
Band7	5MHz	16QAM	20775	25RB#0	2498.83	-29.59	PASS
Band7	5MHz	QPSK	21425	25RB#0	2576.12	-43.07	PASS
Band7	5MHz	16QAM	21425	25RB#0	2576.03	-43.06	PASS
Band7	10MHz	QPSK	20800	50RB#0	2498.83	-27.95	PASS
Band7	10MHz	16QAM	20800	50RB#0	2489.95	-42.55	PASS
Band7	10MHz	QPSK	21400	50RB#0	2580.58	-42.52	PASS
Band7	10MHz	16QAM	21400	50RB#0	2580.00	-40.45	PASS
Band7	15MHz	QPSK	20825	75RB#0	2493.55	-27.59	PASS
Band7	15MHz	16QAM	20825	75RB#0	2494.84	-26.62	PASS
Band7	15MHz	QPSK	21375	75RB#0	2575.16	-29.45	PASS
Band7	15MHz	16QAM	21375	75RB#0	2585.21	-40.10	PASS
Band7	20MHz	QPSK	20850	100RB#0	2494.89	-27.88	PASS
Band7	20MHz	16QAM	20850	100RB#0	2494.98	-26.92	PASS
Band7	20MHz	QPSK	21350	100RB#0	2575.74	-30.21	PASS
Band7	20MHz	16QAM	21350	100RB#0	2590.10	-42.06	PASS

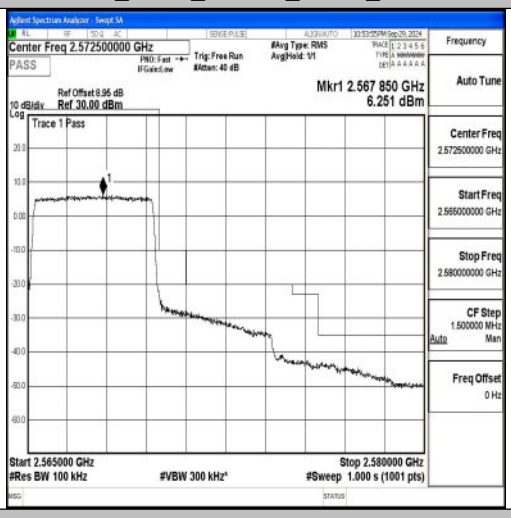
Test Graphs



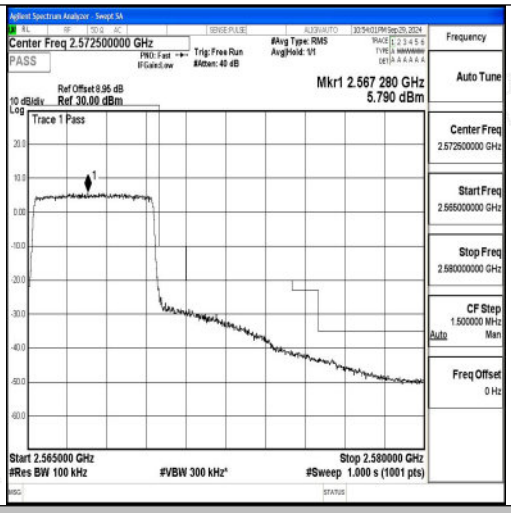
Band7_5MHz_QPSK_20775_25RB#0



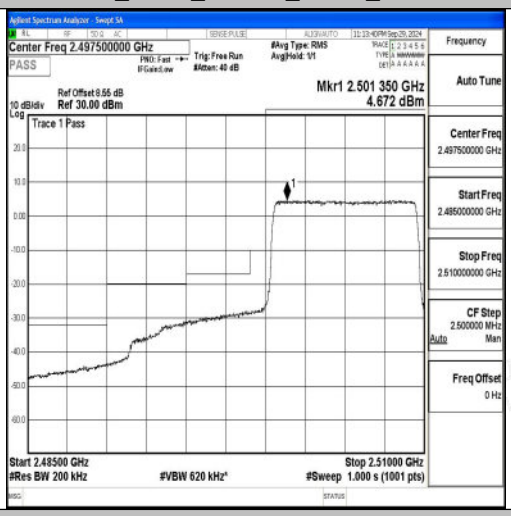
Band7_5MHz_16QAM_20775_25RB#0



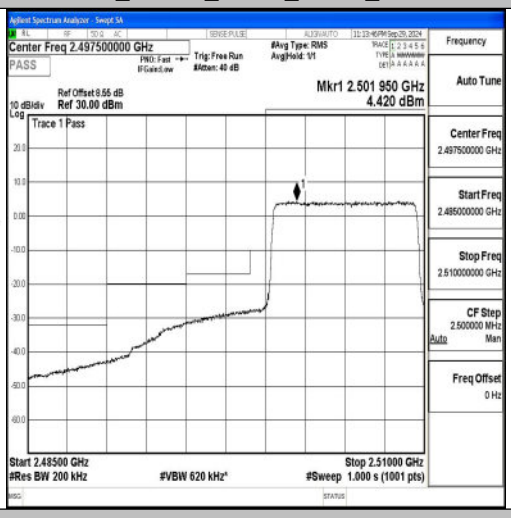
Band7_5MHz_QPSK_21425_25RB#0



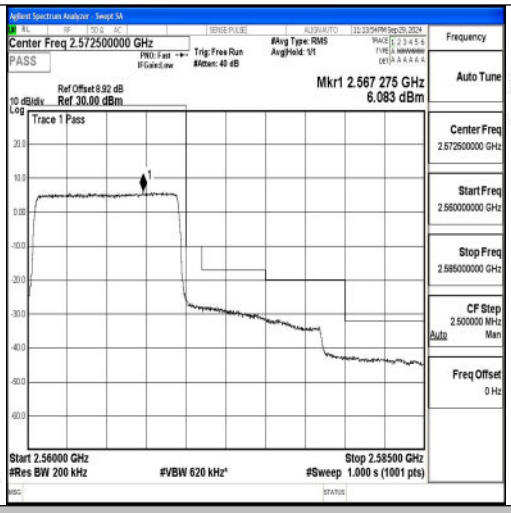
Band7_5MHz_16QAM_21425_25RB#0



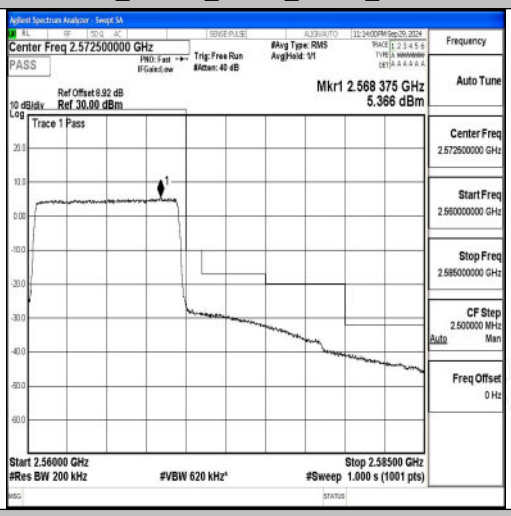
Band7_10MHz_QPSK_20800_50RB#0



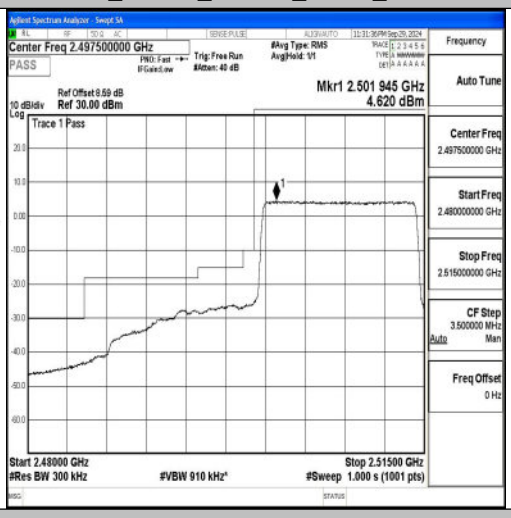
Band7_10MHz_16QAM_20800_50RB#0



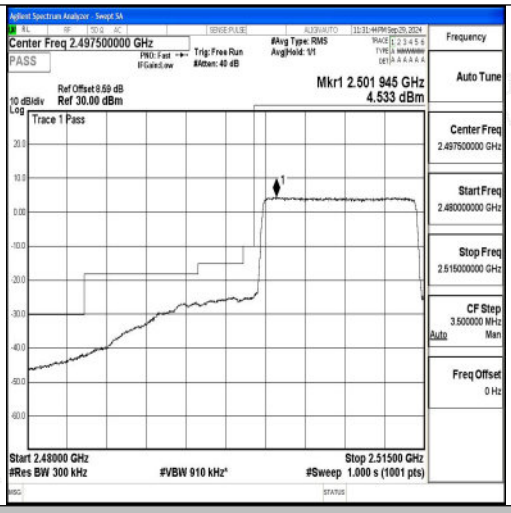
Band7_10MHz_QPSK_21400_50RB#0



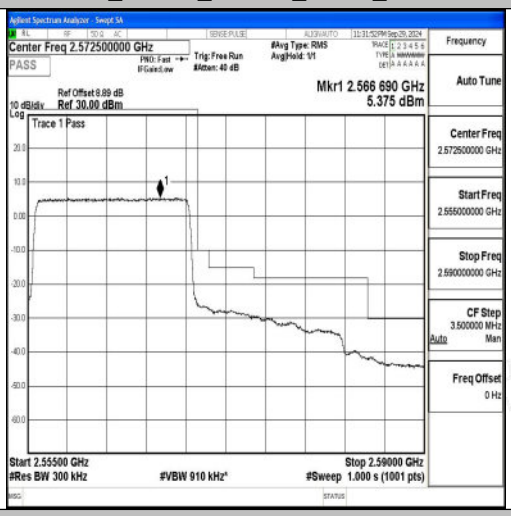
Band7_10MHz_16QAM_21400_50RB#0



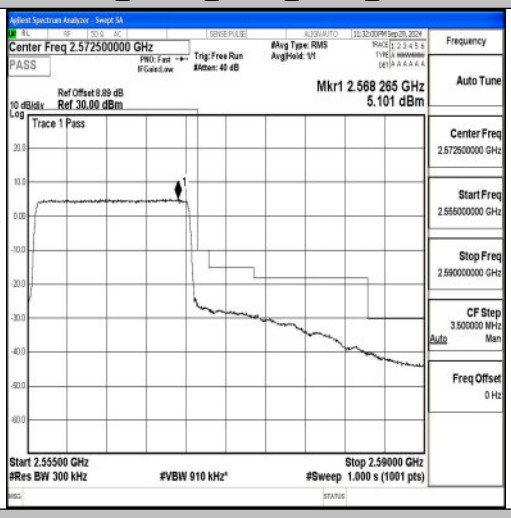
Band7_15MHz_QPSK_20825_75RB#0



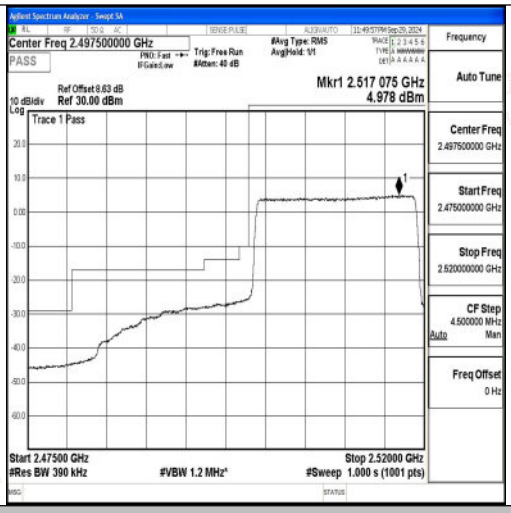
Band7_15MHz_16QAM_20825_75RB#0



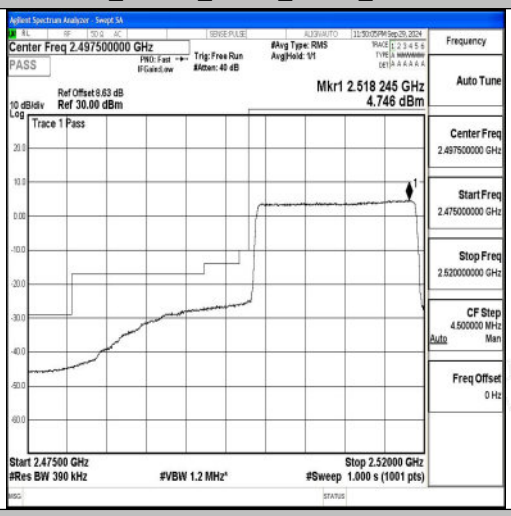
Band7_15MHz_QPSK_21375_75RB#0



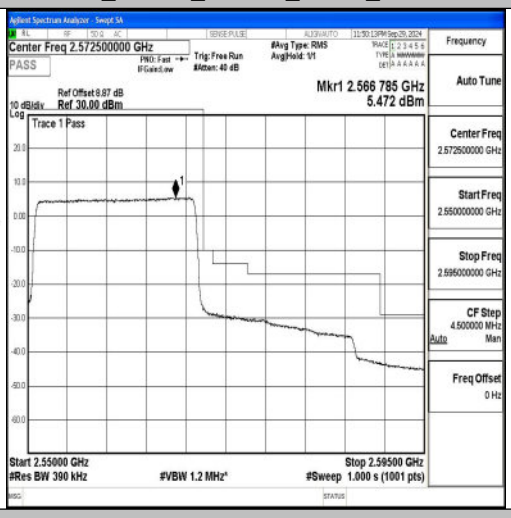
Band7_15MHz_16QAM_21375_75RB#0



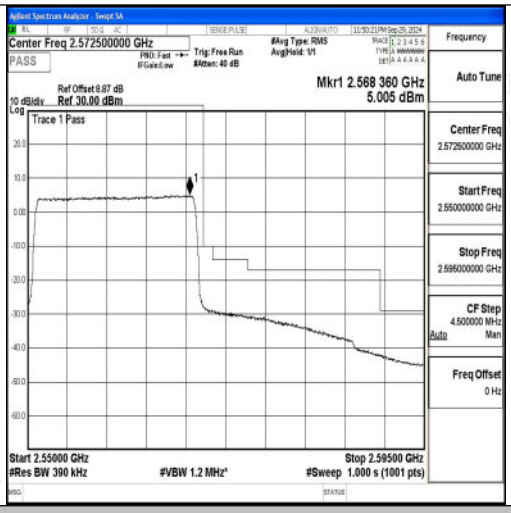
Band7_20MHz_QPSK_20850_100RB#0



Band7_20MHz_16QAM_20850_100RB#0



Band7_20MHz_QPSK_21350_100RB#0



Band7_20MHz_16QAM_21350_100RB#0

D.5 Conducted Spurious Emission

Test Result

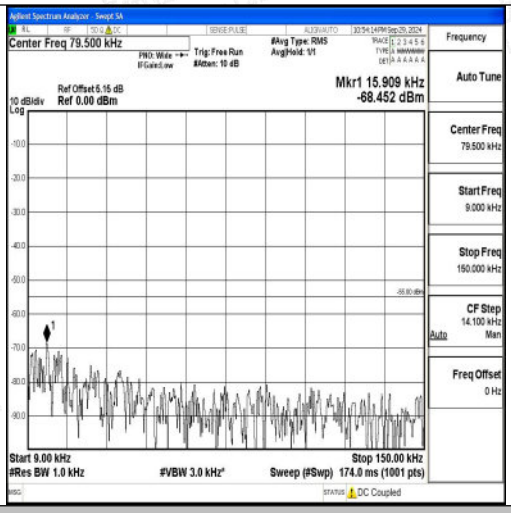
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	-68.45	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	-62.31	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-62.15	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~20000	-33.54	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	-34.96	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	-64.94	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	-62.29	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-62.28	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~20000	-33.27	PASS
Band7	5MHz	16QAM	20775	1RB#0	20000~27000	-35.25	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	-65.04	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	-64.01	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-61.95	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~20000	-33.35	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	-35.43	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	-68.22	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	-64.82	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-62.19	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~20000	-33.19	PASS
Band7	5MHz	16QAM	21100	1RB#0	20000~27000	-34.94	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	-68.29	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	-62.48	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-61.99	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~20000	-33.07	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	-35.07	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	-68.54	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	-63.07	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-61.85	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~20000	-33.23	PASS
Band7	5MHz	16QAM	21425	1RB#0	20000~27000	-35.08	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	-66.31	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	-62.48	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-62.01	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~20000	-33.02	PASS

Band7	10MHz	QPSK	20800	1RB#0	20000~27000	-35.43	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	-66.19	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	-61.45	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000	-62.14	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~20000	-32.90	PASS
Band7	10MHz	16QAM	20800	1RB#0	20000~27000	-35.50	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	-68.94	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	-63.69	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-62.19	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~20000	-33.14	PASS
Band7	10MHz	QPSK	21100	1RB#0	20000~27000	-35.47	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	-69.07	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	-61.20	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	-62.27	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~20000	-33.33	PASS
Band7	10MHz	16QAM	21100	1RB#0	20000~27000	-35.45	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	-68.37	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	-62.13	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-62.16	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~20000	-33.16	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	-35.02	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.009~0.15	-67.37	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	-63.60	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	-62.14	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~20000	-33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	20000~27000	-35.47	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.009~0.15	-67.54	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.15~30	-63.88	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-62.19	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~20000	-33.10	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	-35.09	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.009~0.15	-70.32	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.15~30	-60.01	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000	-61.79	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~20000	-33.08	PASS
Band7	15MHz	16QAM	20825	1RB#0	20000~27000	-35.33	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.009~0.15	-68.14	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.15~30	-62.44	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	-62.13	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~20000	-33.32	PASS

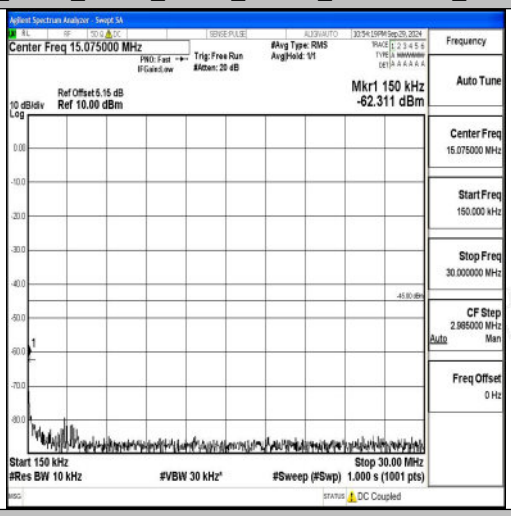
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	-35.64	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.009~0.15	-67.41	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.15~30	-62.54	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000	-62.22	PASS
Band7	15MHz	16QAM	21100	1RB#0	1000~20000	-32.69	PASS
Band7	15MHz	16QAM	21100	1RB#0	20000~27000	-35.06	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.009~0.15	-66.69	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.15~30	-64.71	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-62.19	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~20000	-33.21	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	-34.96	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.009~0.15	-68.19	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.15~30	-62.34	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000	-61.97	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~20000	-33.49	PASS
Band7	15MHz	16QAM	21375	1RB#0	20000~27000	-35.26	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.009~0.15	-68.26	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.15~30	-63.22	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-62.35	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~20000	-33.38	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	-35.26	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.009~0.15	-66.70	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.15~30	-64.45	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	-61.89	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~20000	-33.11	PASS
Band7	20MHz	16QAM	20850	1RB#0	20000~27000	-35.51	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.009~0.15	-67.72	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.15~30	-63.96	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-62.33	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~20000	-33.21	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	-35.40	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.009~0.15	-68.03	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.15~30	-62.57	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	-62.09	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~20000	-32.79	PASS
Band7	20MHz	16QAM	21100	1RB#0	20000~27000	-35.42	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.009~0.15	-68.26	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.15~30	-63.40	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-62.19	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~20000	-33.23	PASS

Band7	20MHz	QPSK	21350	1RB#0	20000~27000	-35.30	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.009~0.15	-69.21	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.15~30	-64.52	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	-62.30	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~20000	-33.62	PASS
Band7	20MHz	16QAM	21350	1RB#0	20000~27000	-35.72	PASS

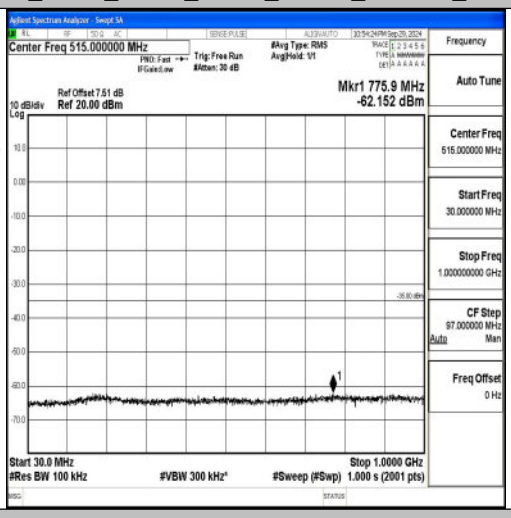
Test Graphs



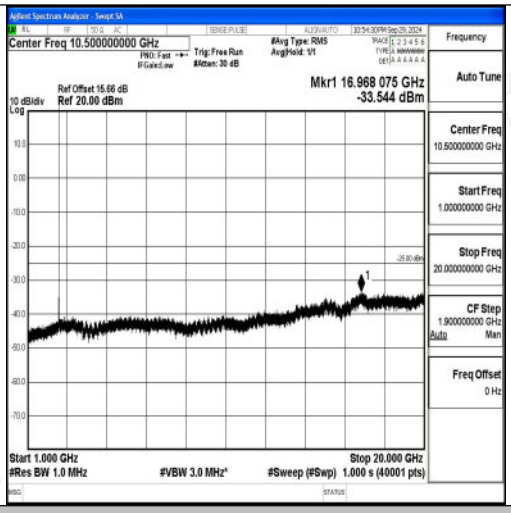
Band7_5MHz_QPSK_20775_1RB#0_0.009~0.15_0.009~0.15



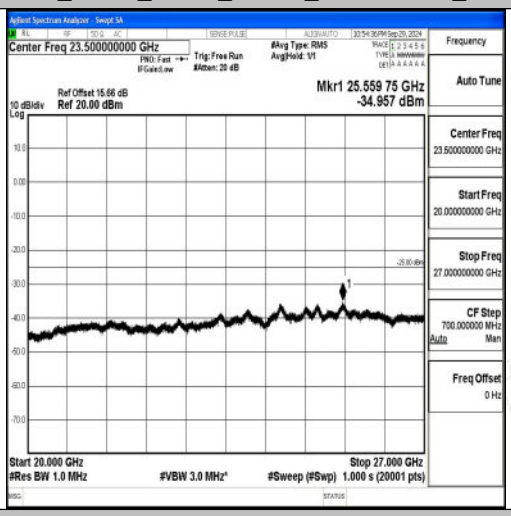
Band7_5MHz_QPSK_20775_1RB#0_0.15~30_0.15~30



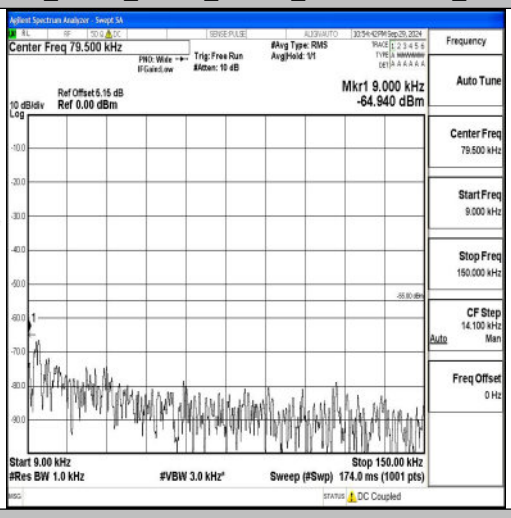
Band7_5MHz_QPSK_20775_1RB#0_30~1000_30~1000



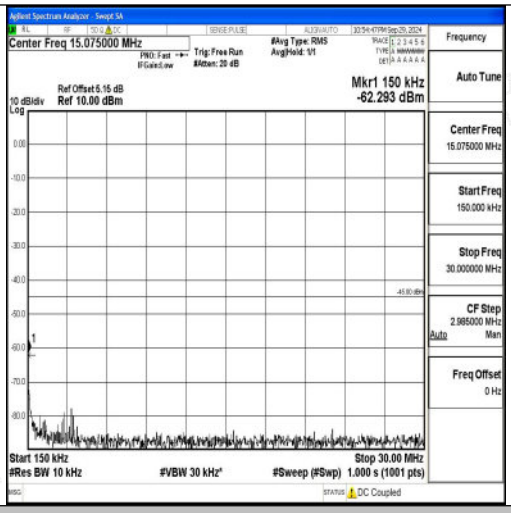
Band7_5MHz_QPSK_20775_1RB#0_1000~20000_1000~20000



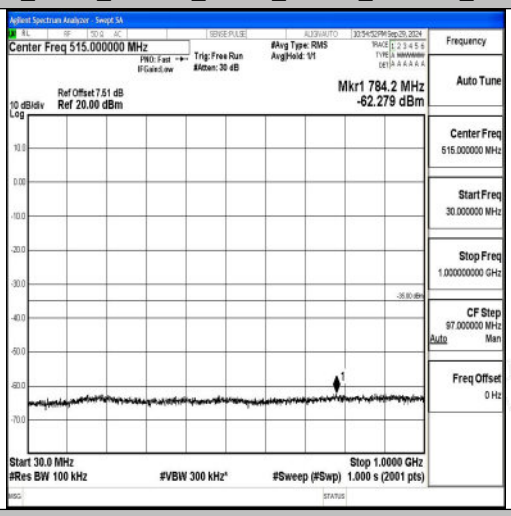
Band7_5MHz_QPSK_20775_1RB#0_20000~27000_20000~27000



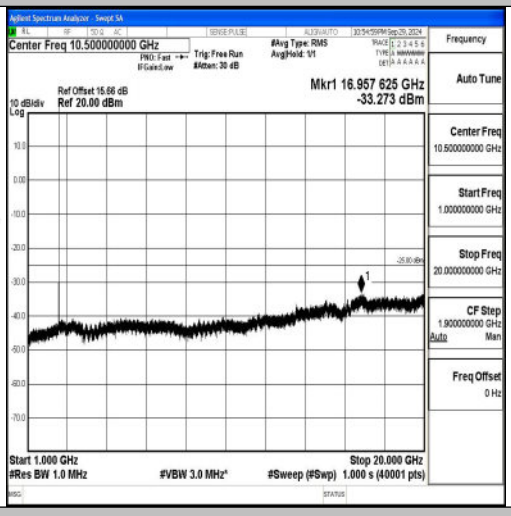
Band7_5MHz_16QAM_20775_1RB#0_0.009~0.15_0.009~0.15



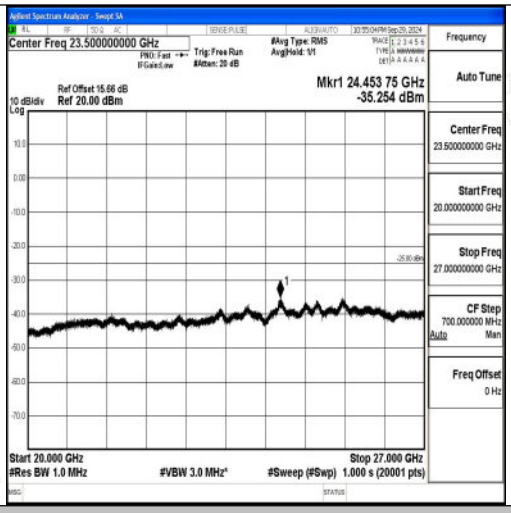
Band7_5MHz_16QAM_20775_1RB#0_0.15~30_0.15~30



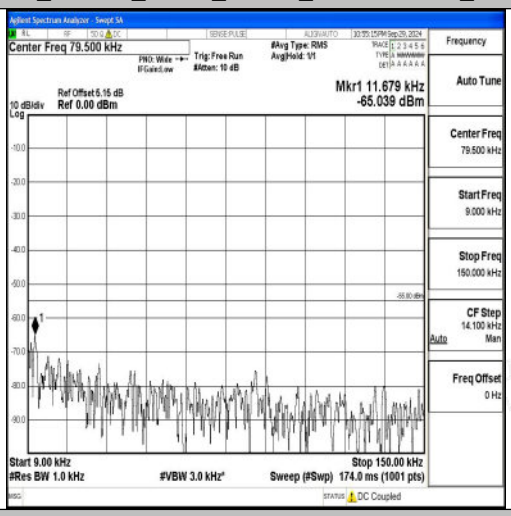
Band7_5MHz_16QAM_20775_1RB#0_30~1000_30~1000



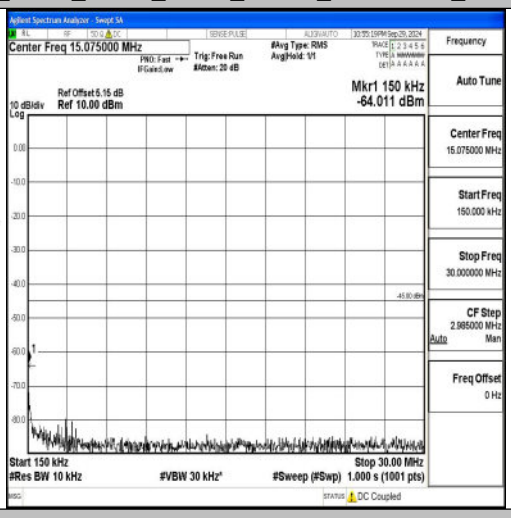
Band7_5MHz_16QAM_20775_1RB#0_1000~20000_1000~20000



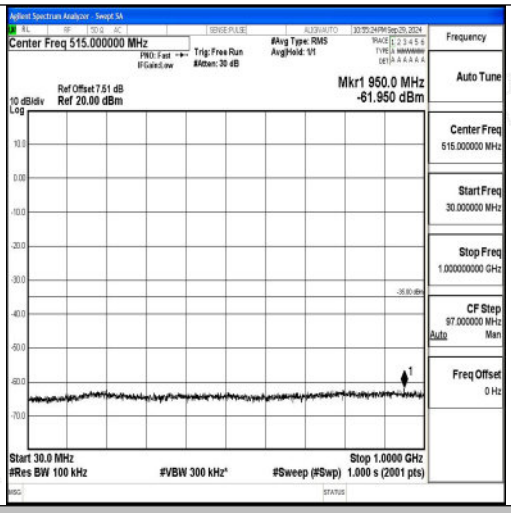
Band7_5MHz_16QAM_20775_1RB#0_20000~27000_20000~27000



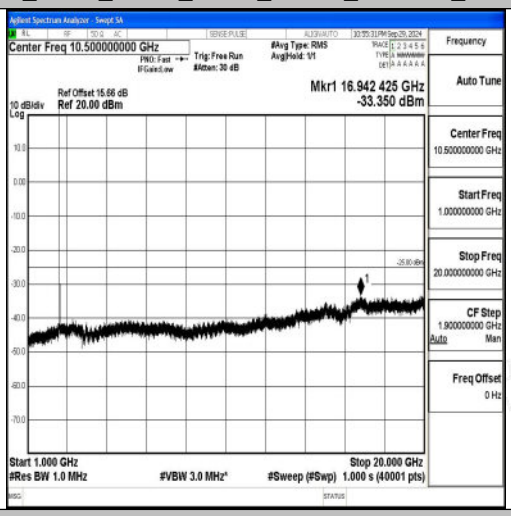
Band7_5MHz_QPSK_21100_1RB#0_0.009~0.15_0.009~0.15



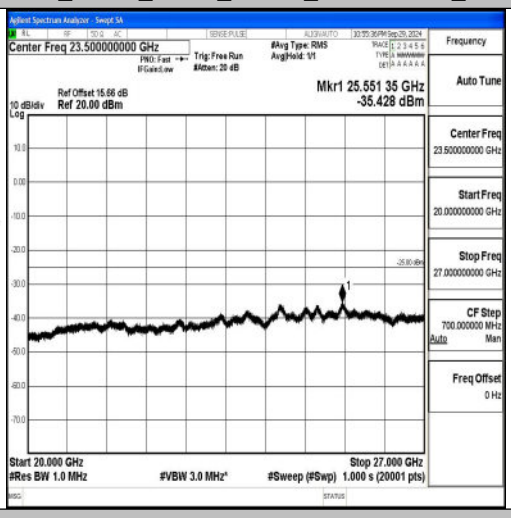
Band7_5MHz_QPSK_21100_1RB#0_0.15~30_0.15~30



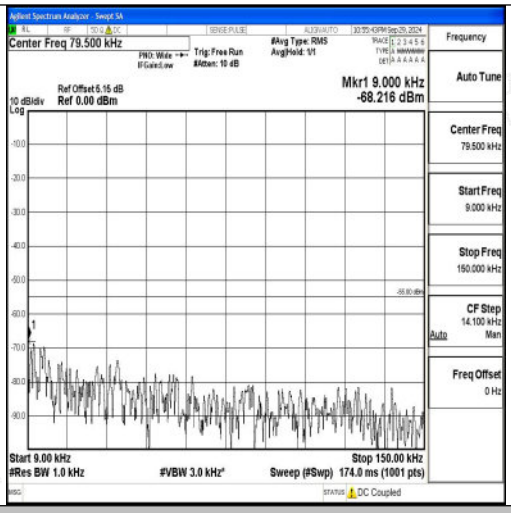
Band7_5MHz_QPSK_21100_1RB#0_30~1000_30~1000



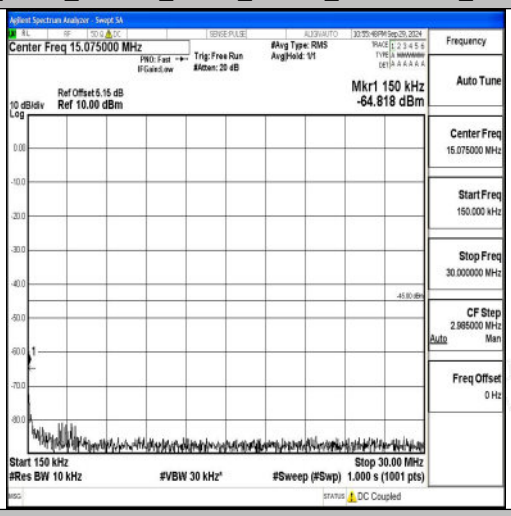
Band7_5MHz_QPSK_21100_1RB#0_1000~20000_1000~20000



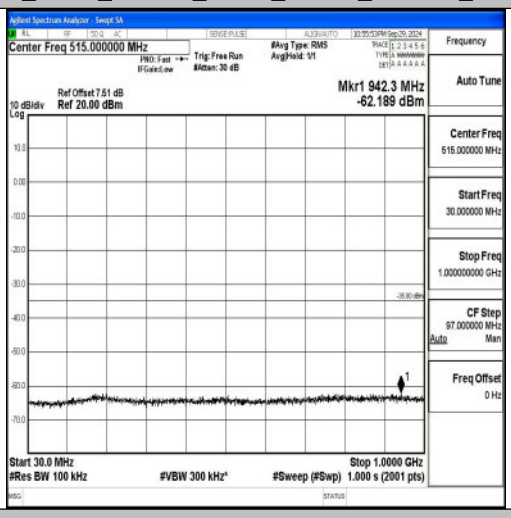
Band7_5MHz_QPSK_21100_1RB#0_20000~27000_20000~27000



Band7_5MHz_16QAM_21100_1RB#0_0.009~0.15_0.009~0.15



Band7_5MHz_16QAM_21100_1RB#0_0.15~30_0.15~30



Band7_5MHz_16QAM_21100_1RB#0_30~1000_30~1000