



Appendix E: Test Data for E-UTRA Band 38

Product Name: GPS Vehicle Tracker

Test Model: VT08F

Environmental Conditions

Temperature:	22.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan



E.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.07	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.07	PASS
Band38	5MHz	QPSK	37775	1RB#24	21.85	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.12	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.13	PASS
Band38	5MHz	QPSK	37775	12RB#13	20.99	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.01	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.91	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.03	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.84	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.07	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.08	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.98	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.10	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.30	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.05	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.21	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.21	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.16	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.18	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.35	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.19	PASS
Band38	5MHz	16QAM	37775	1RB#24	20.84	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.04	PASS
Band38	5MHz	16QAM	37775	12RB#6	19.93	PASS
Band38	5MHz	16QAM	37775	12RB#13	19.77	PASS
Band38	5MHz	16QAM	37775	25RB#0	19.91	PASS
Band38	5MHz	16QAM	38000	1RB#0	20.68	PASS
Band38	5MHz	16QAM	38000	1RB#12	20.72	PASS
Band38	5MHz	16QAM	38000	1RB#24	20.62	PASS
Band38	5MHz	16QAM	38000	12RB#0	19.90	PASS



Band38	5MHz	16QAM	38000	12RB#6	19.91	PASS
Band38	5MHz	16QAM	38000	12RB#13	19.88	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.04	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.28	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.32	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.16	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.01	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.03	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.07	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.12	PASS
Band38	10MHz	QPSK	37800	1RB#0	21.77	PASS
Band38	10MHz	QPSK	37800	1RB#24	21.76	PASS
Band38	10MHz	QPSK	37800	1RB#49	21.60	PASS
Band38	10MHz	QPSK	37800	25RB#0	20.86	PASS
Band38	10MHz	QPSK	37800	25RB#12	20.85	PASS
Band38	10MHz	QPSK	37800	25RB#25	20.89	PASS
Band38	10MHz	QPSK	37800	50RB#0	20.95	PASS
Band38	10MHz	QPSK	38000	1RB#0	21.64	PASS
Band38	10MHz	QPSK	38000	1RB#24	21.82	PASS
Band38	10MHz	QPSK	38000	1RB#49	21.63	PASS
Band38	10MHz	QPSK	38000	25RB#0	20.94	PASS
Band38	10MHz	QPSK	38000	25RB#12	20.94	PASS
Band38	10MHz	QPSK	38000	25RB#25	20.91	PASS
Band38	10MHz	QPSK	38000	50RB#0	20.93	PASS
Band38	10MHz	QPSK	38200	1RB#0	21.77	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.03	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.90	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.05	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.95	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.13	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.17	PASS
Band38	10MHz	16QAM	37800	1RB#0	20.92	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.11	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.03	PASS
Band38	10MHz	16QAM	37800	25RB#0	19.79	PASS
Band38	10MHz	16QAM	37800	25RB#12	19.98	PASS
Band38	10MHz	16QAM	37800	25RB#25	19.84	PASS



Band38	10MHz	16QAM	37800	50RB#0	19.89	PASS
Band38	10MHz	16QAM	38000	1RB#0	20.78	PASS
Band38	10MHz	16QAM	38000	1RB#24	20.91	PASS
Band38	10MHz	16QAM	38000	1RB#49	20.70	PASS
Band38	10MHz	16QAM	38000	25RB#0	19.67	PASS
Band38	10MHz	16QAM	38000	25RB#12	19.74	PASS
Band38	10MHz	16QAM	38000	25RB#25	19.67	PASS
Band38	10MHz	16QAM	38000	50RB#0	19.84	PASS
Band38	10MHz	16QAM	38200	1RB#0	20.84	PASS
Band38	10MHz	16QAM	38200	1RB#24	20.86	PASS
Band38	10MHz	16QAM	38200	1RB#49	20.84	PASS
Band38	10MHz	16QAM	38200	25RB#0	19.76	PASS
Band38	10MHz	16QAM	38200	25RB#12	19.76	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.04	PASS
Band38	10MHz	16QAM	38200	50RB#0	19.98	PASS
Band38	15MHz	QPSK	37825	1RB#0	21.72	PASS
Band38	15MHz	QPSK	37825	1RB#38	21.91	PASS
Band38	15MHz	QPSK	37825	1RB#74	21.78	PASS
Band38	15MHz	QPSK	37825	38RB#0	20.73	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.16	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.13	PASS
Band38	15MHz	QPSK	37825	75RB#0	20.85	PASS
Band38	15MHz	QPSK	38000	1RB#0	21.56	PASS
Band38	15MHz	QPSK	38000	1RB#38	21.84	PASS
Band38	15MHz	QPSK	38000	1RB#74	21.83	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.10	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.19	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.18	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.86	PASS
Band38	15MHz	QPSK	38175	1RB#0	21.66	PASS
Band38	15MHz	QPSK	38175	1RB#38	21.72	PASS
Band38	15MHz	QPSK	38175	1RB#74	21.72	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.22	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.29	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.26	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.01	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.30	PASS



Band38	15MHz	16QAM	37825	1RB#38	21.13	PASS
Band38	15MHz	16QAM	37825	1RB#74	20.64	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.23	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.14	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.15	PASS
Band38	15MHz	16QAM	37825	75RB#0	19.90	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.07	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.15	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.18	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.08	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.17	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.16	PASS
Band38	15MHz	16QAM	38000	75RB#0	19.81	PASS
Band38	15MHz	16QAM	38175	1RB#0	20.86	PASS
Band38	15MHz	16QAM	38175	1RB#38	20.92	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.21	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.14	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.31	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.22	PASS
Band38	15MHz	16QAM	38175	75RB#0	19.88	PASS
Band38	20MHz	QPSK	37850	1RB#0	21.63	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.05	PASS
Band38	20MHz	QPSK	37850	1RB#99	21.86	PASS
Band38	20MHz	QPSK	37850	50RB#0	20.88	PASS
Band38	20MHz	QPSK	37850	50RB#25	20.87	PASS
Band38	20MHz	QPSK	37850	50RB#50	20.82	PASS
Band38	20MHz	QPSK	37850	100RB#0	20.89	PASS
Band38	20MHz	QPSK	38000	1RB#0	21.61	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.13	PASS
Band38	20MHz	QPSK	38000	1RB#99	21.58	PASS
Band38	20MHz	QPSK	38000	50RB#0	20.92	PASS
Band38	20MHz	QPSK	38000	50RB#25	20.91	PASS
Band38	20MHz	QPSK	38000	50RB#50	20.87	PASS
Band38	20MHz	QPSK	38000	100RB#0	20.91	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.68	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.21	PASS
Band38	20MHz	QPSK	38150	1RB#99	21.94	PASS



Band38	20MHz	QPSK	38150	50RB#0	20.90	PASS
Band38	20MHz	QPSK	38150	50RB#25	20.90	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.06	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.99	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.11	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.62	PASS
Band38	20MHz	16QAM	37850	1RB#99	20.59	PASS
Band38	20MHz	16QAM	37850	50RB#0	19.89	PASS
Band38	20MHz	16QAM	37850	50RB#25	19.89	PASS
Band38	20MHz	16QAM	37850	50RB#50	19.59	PASS
Band38	20MHz	16QAM	37850	100RB#0	19.85	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.10	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.62	PASS
Band38	20MHz	16QAM	38000	1RB#99	20.99	PASS
Band38	20MHz	16QAM	38000	50RB#0	19.95	PASS
Band38	20MHz	16QAM	38000	50RB#25	19.84	PASS
Band38	20MHz	16QAM	38000	50RB#50	19.78	PASS
Band38	20MHz	16QAM	38000	100RB#0	19.80	PASS
Band38	20MHz	16QAM	38150	1RB#0	20.98	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.75	PASS
Band38	20MHz	16QAM	38150	1RB#99	20.61	PASS
Band38	20MHz	16QAM	38150	50RB#0	19.91	PASS
Band38	20MHz	16QAM	38150	50RB#25	19.89	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.05	PASS
Band38	20MHz	16QAM	38150	100RB#0	19.88	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	4.69	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	5.09	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	4.65	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.09	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	4.95	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.96	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	5.75	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	6.11	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	6.20	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	5.91	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	6.15	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	5.83	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	4.59	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.06	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	4.84	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.05	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	4.95	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	4.95	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	5.63	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	5.94	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	6.24	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	5.92	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	6.23	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	5.87	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	5.06	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.25	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	4.93	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.23	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	4.47	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.19	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	5.81	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	5.99	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	6.26	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	5.98	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	6.32	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	5.94	13	PASS



Band38	20MHz	QPSK	37850	1RB#0	4.43	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.12	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	4.91	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.08	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	4.43	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.03	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	5.56	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	5.97	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	6.23	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	5.97	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	6.10	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	5.87	13	PASS

Note: Peak-to-Average Ratio= maximum PK burst power-maximum Avg. burst power.



E.3 26dB Bandwidth and Occupied Bandwidth

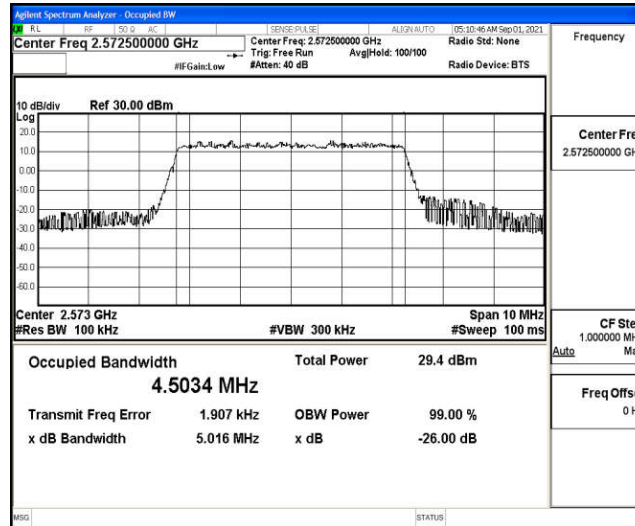
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5034	5.016	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5043	5.001	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5016	4.940	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4910	5.042	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4937	4.936	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4814	4.963	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9516	10.77	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9559	10.87	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9598	10.04	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9584	10.14	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9524	9.873	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9479	9.871	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.467	16.41	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.475	15.70	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.475	16.81	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.467	16.17	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.495	15.99	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.498	15.41	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.666	19.36	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.861	19.39	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.895	19.74	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.838	19.69	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.850	20.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.912	21.02	PASS

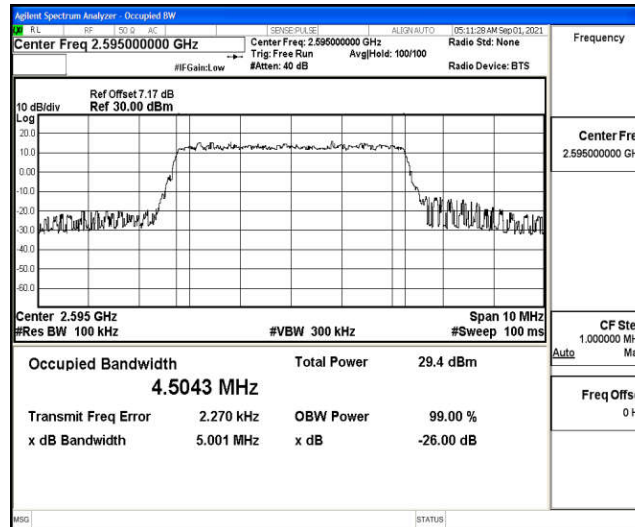


Test Graphs

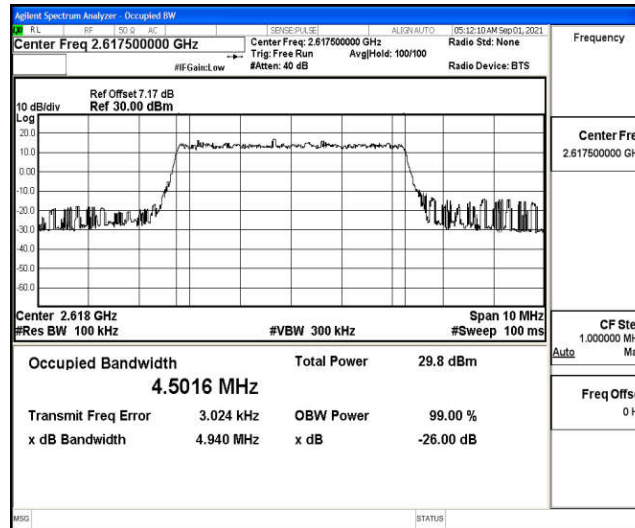
Band38-5MHz-QPSK-37775-25RB#0



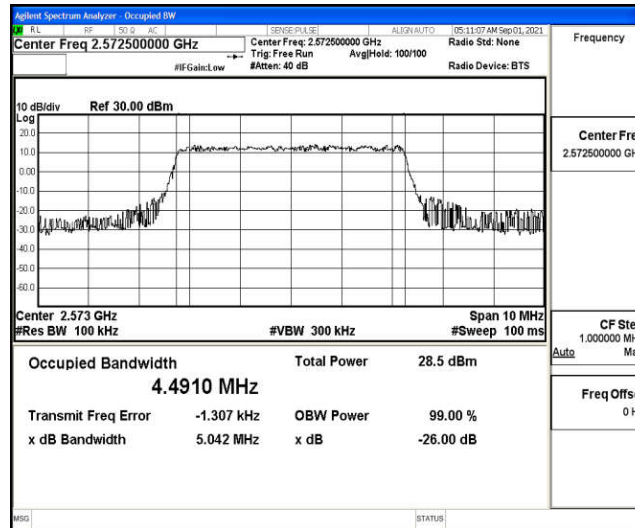
Band38-5MHz-QPSK-38000-25RB#0



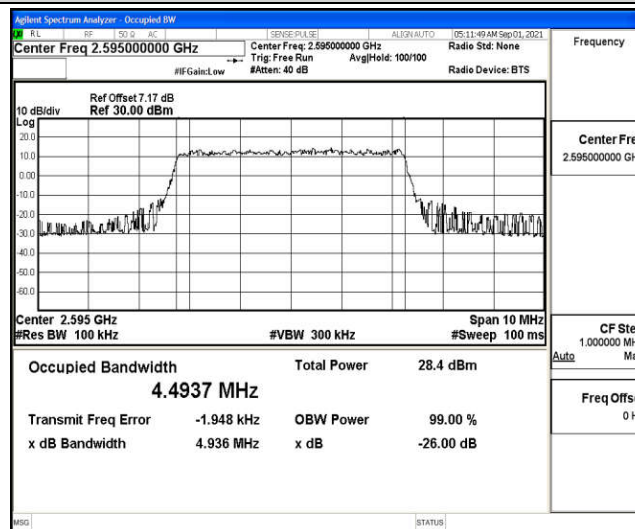
Band38-5MHz-QPSK-38225-25RB#0



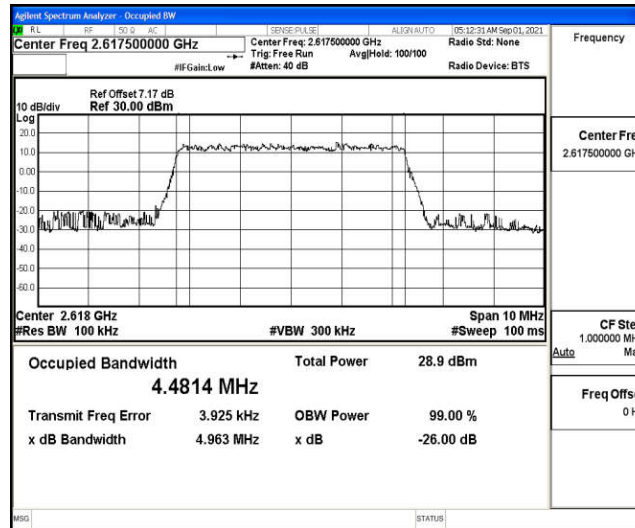
Band38-5MHz-16QAM-37775-25RB#0



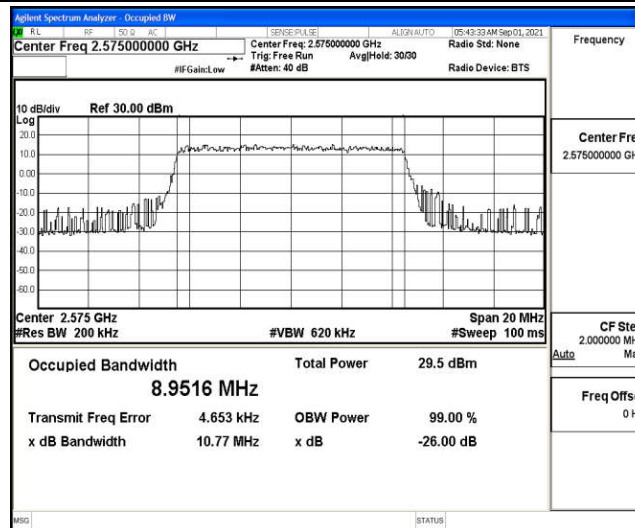
Band38-5MHz-16QAM-38000-25RB#0



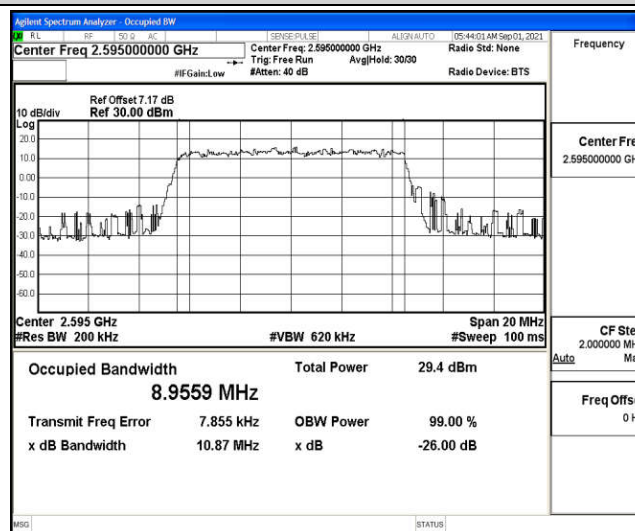
Band38-5MHz-16QAM-38225-25RB#0



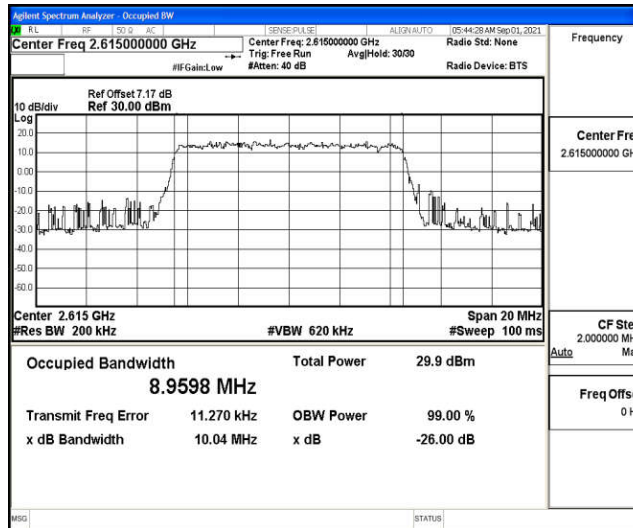
Band38-10MHz-QPSK-37800-50RB#0



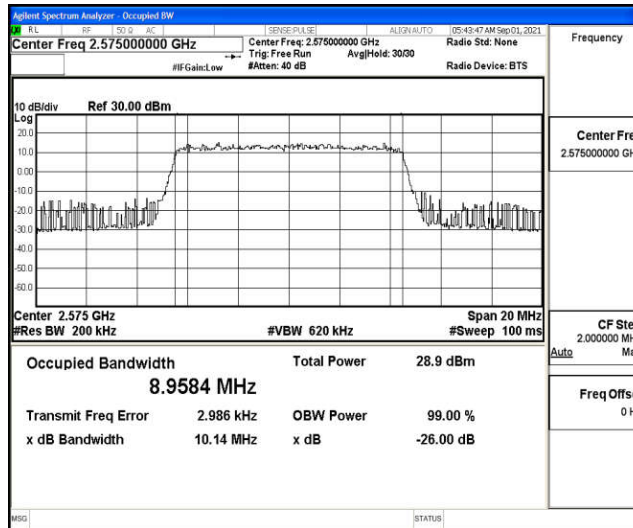
Band38-10MHz-QPSK-38000-50RB#0



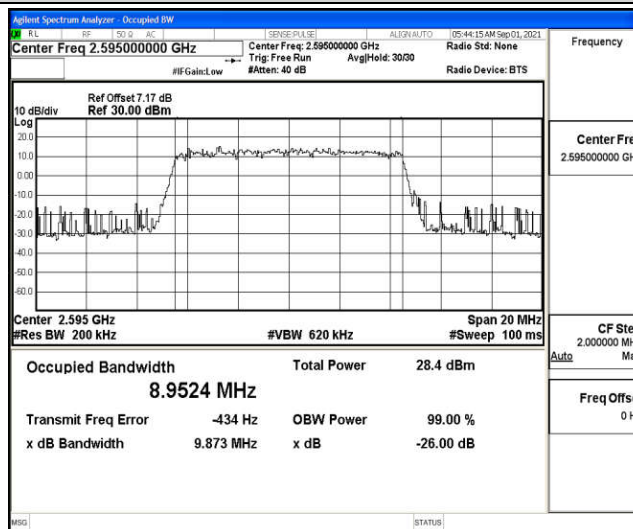
Band38-10MHz-QPSK-38200-50RB#0



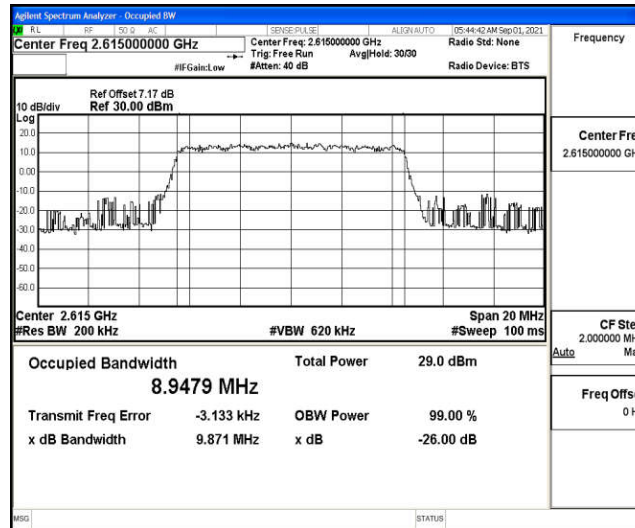
Band38-10MHz-16QAM-37800-50RB#0



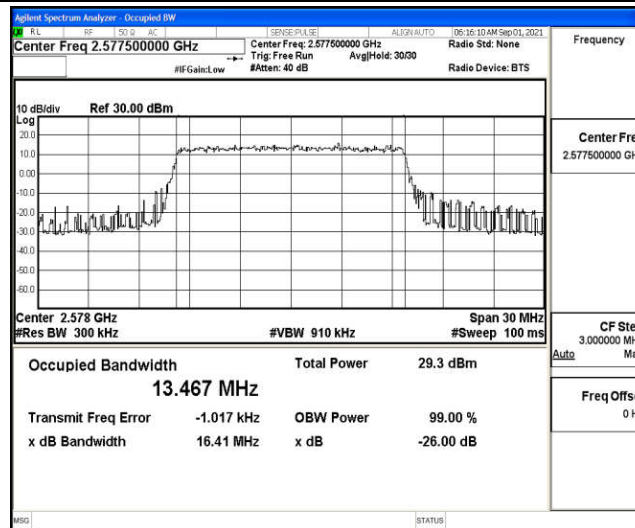
Band38-10MHz-16QAM-38000-50RB#0



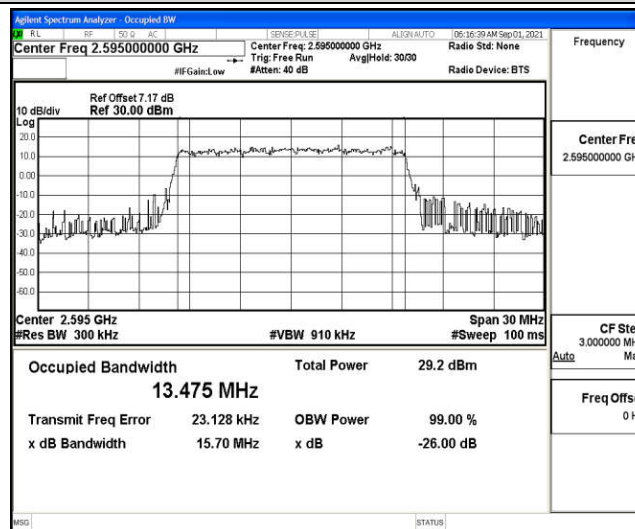
Band38-10MHz-16QAM-38200-50RB#0



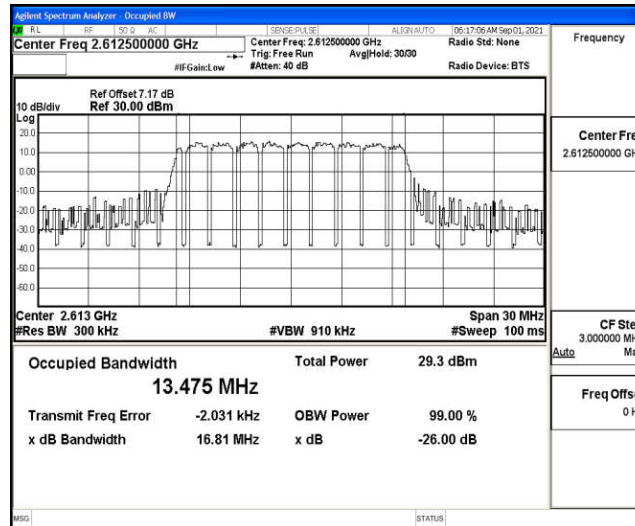
Band38-15MHz-QPSK-37825-75RB#0



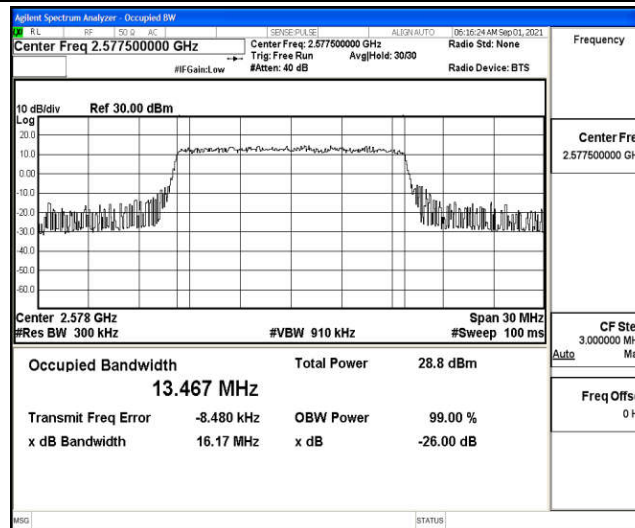
Band38-15MHz-QPSK-38000-75RB#0



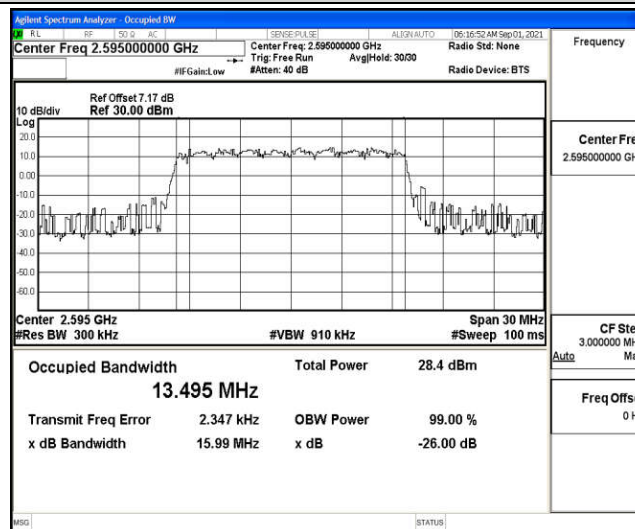
Band38-15MHz-QPSK-38175-75RB#0



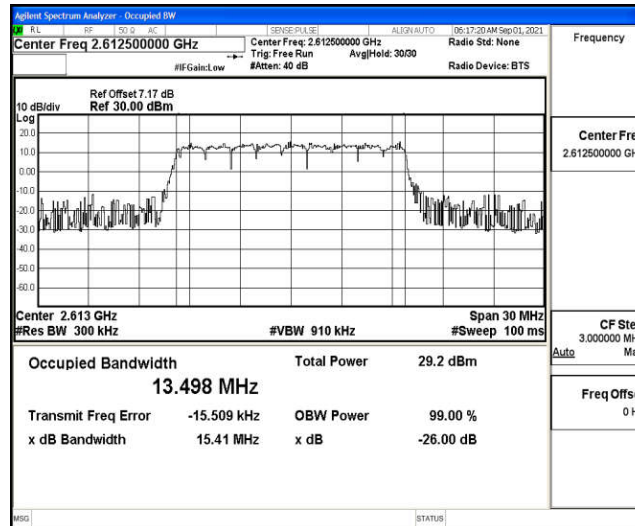
Band38-15MHz-16QAM-37825-75RB#0



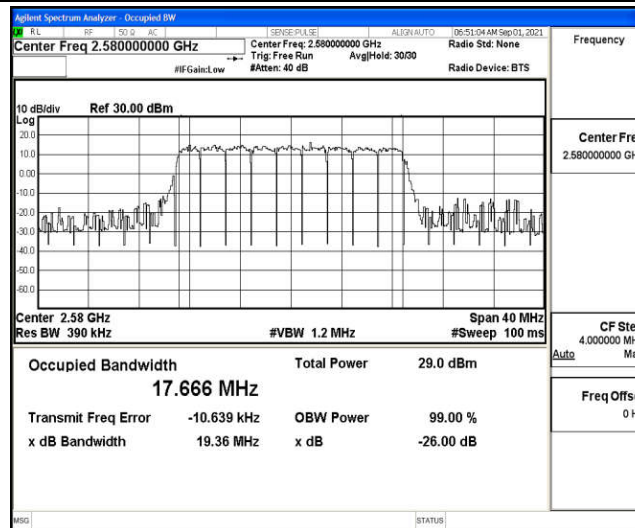
Band38-15MHz-16QAM-38000-75RB#0



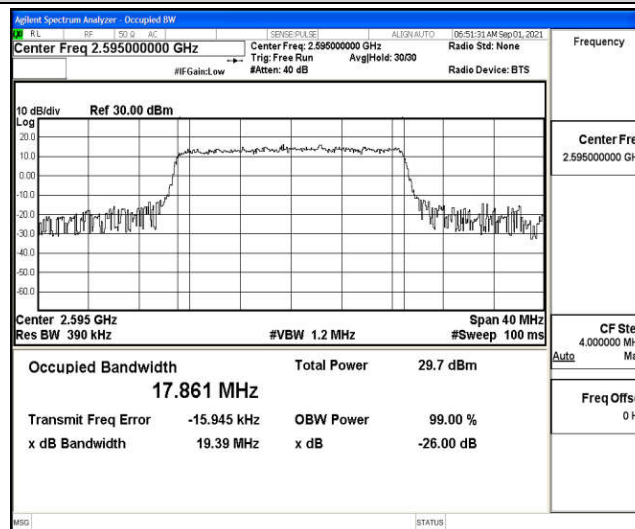
Band38-15MHz-16QAM-38175-75RB#0



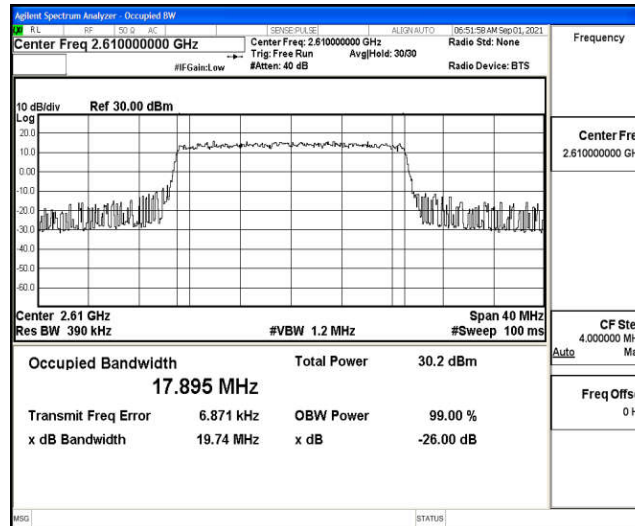
Band38-20MHz-QPSK-37850-100RB#0



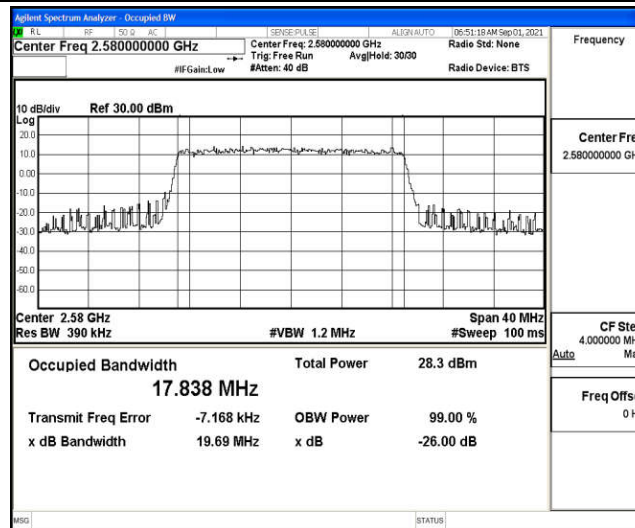
Band38-20MHz-QPSK-38000-100RB#0



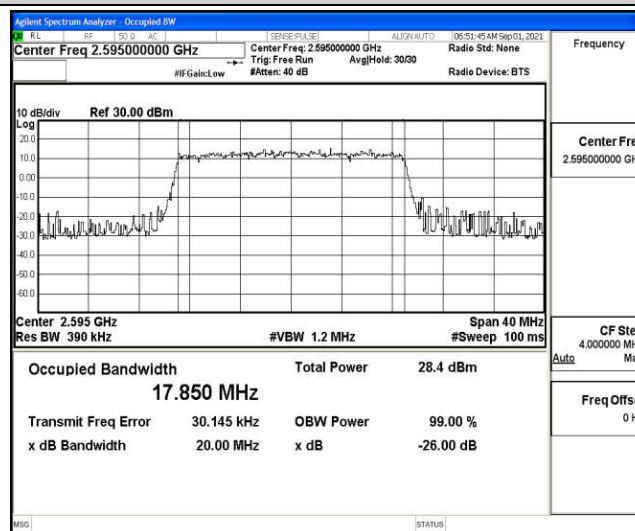
Band38-20MHz-QPSK-38150-100RB#0



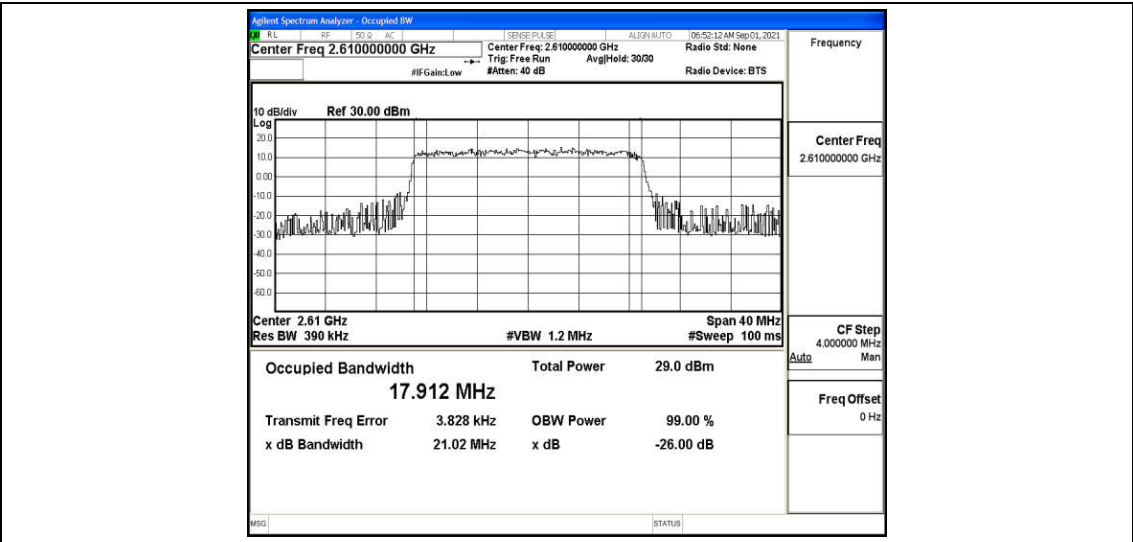
Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0



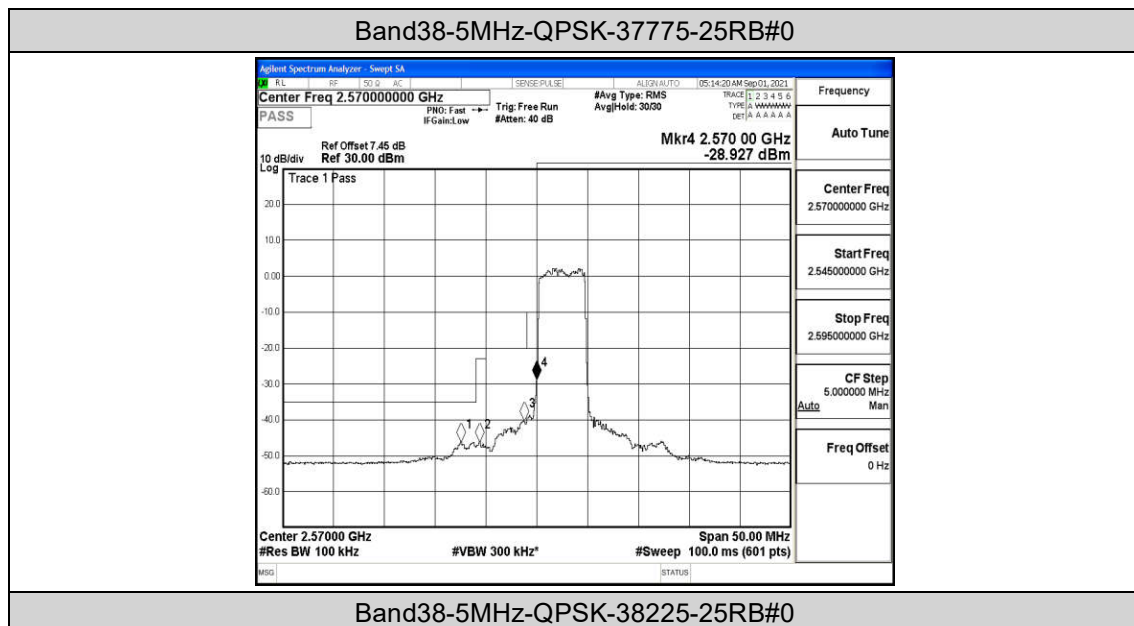


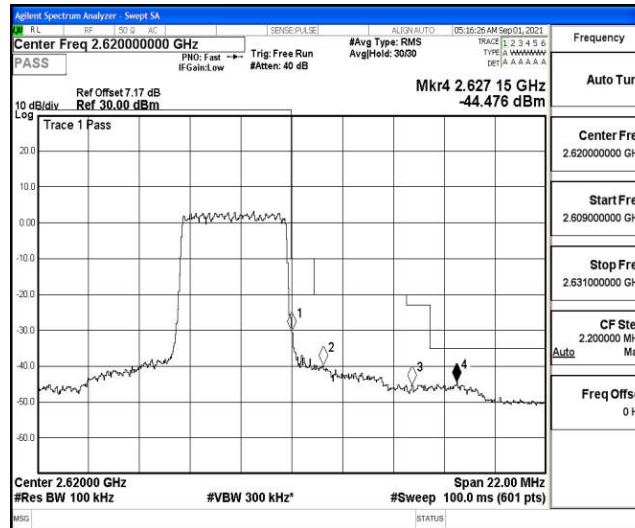
E.4 Band Edge

Test Result

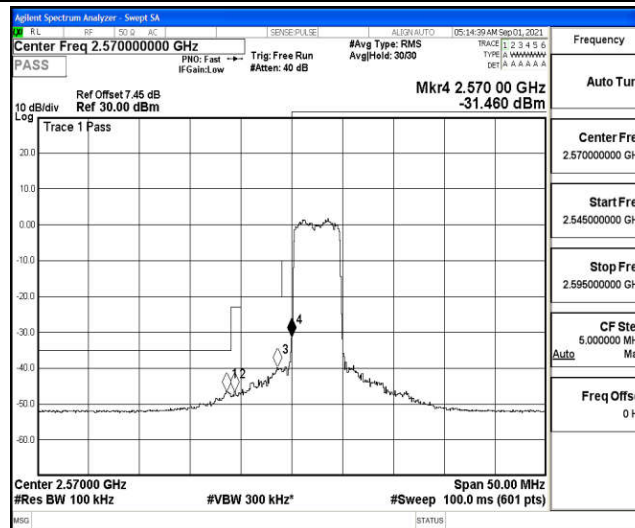
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-46.12,-46.18,-40.26,-28.93	PASS
Band38	5MHz	QPSK	38225	25RB#0	-30.17,-39.82,-45.16,-44.48	PASS
Band38	5MHz	16QAM	37775	25RB#0	-46.48,-46.52,-39.79,-31.46	PASS
Band38	5MHz	16QAM	38225	25RB#0	-30.30,-39.09,-44.28,-46.26	PASS
Band38	10MHz	QPSK	37800	50RB#0	-44.80,-42.88,-38.70,-33.57	PASS
Band38	10MHz	QPSK	38200	50RB#0	-31.43,-36.62,-39.23,-42.58	PASS
Band38	10MHz	16QAM	37800	50RB#0	-45.44,-42.47,-39.37,-35.65	PASS
Band38	10MHz	16QAM	38200	50RB#0	-33.75,-38.95,-41.65,-43.44	PASS
Band38	15MHz	QPSK	37825	75RB#0	-43.47,-40.18,-36.63,-33.73	PASS
Band38	15MHz	QPSK	38175	75RB#0	-34.36,-36.15,-38.70,-42.46	PASS
Band38	15MHz	16QAM	37825	75RB#0	-43.81,-40.37,-36.46,-36.05	PASS
Band38	15MHz	16QAM	38175	75RB#0	-35.99,-37.21,-39.31,-43.50	PASS
Band38	20MHz	QPSK	37850	100RB#0	-44.07,-39.32,-37.77,-35.16	PASS
Band38	20MHz	QPSK	38150	100RB#0	-35.09,-38.37,-39.74,-43.63	PASS
Band38	20MHz	16QAM	37850	100RB#0	-43.69,-39.18,-38.06,-36.71	PASS
Band38	20MHz	16QAM	38150	100RB#0	-37.17,-38.57,-39.64,-43.62	PASS

Test Graphs

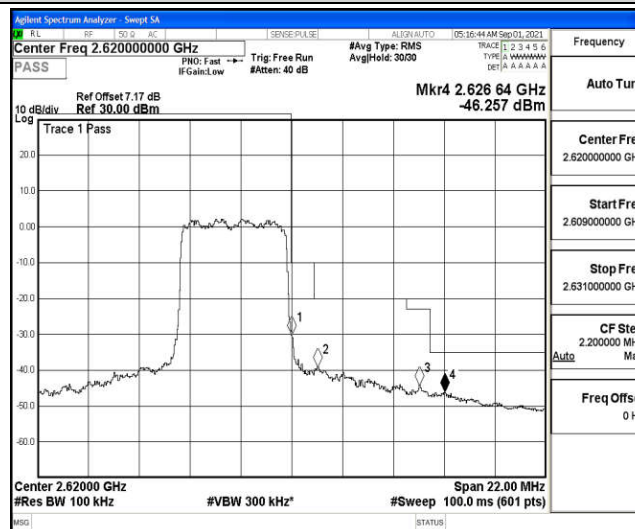




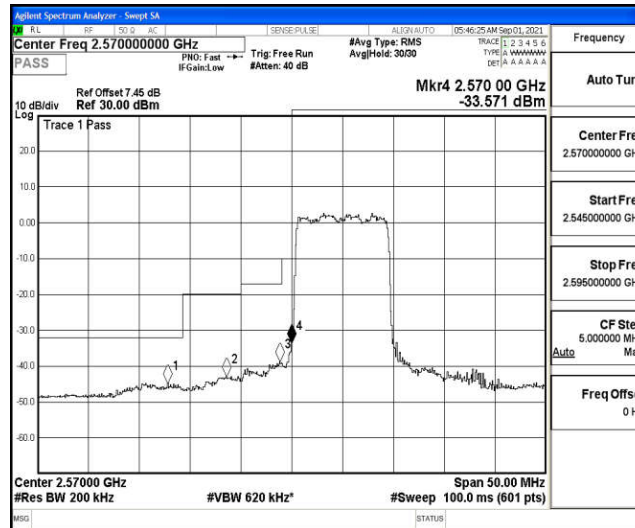
Band38-5MHz-16QAM-37775-25RB#0



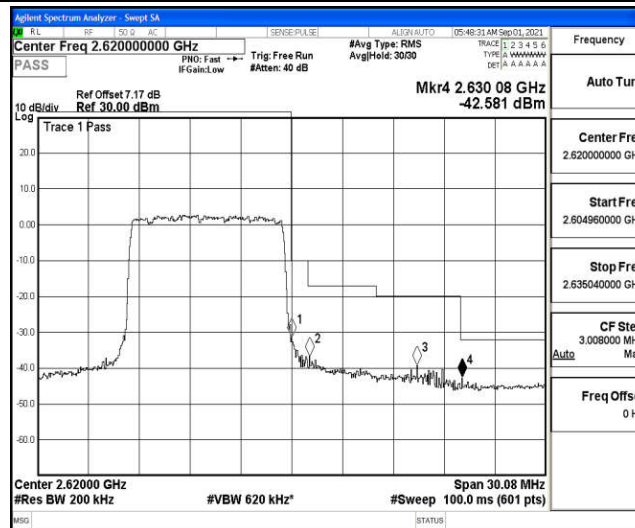
Band38-5MHz-16QAM-38225-25RB#0



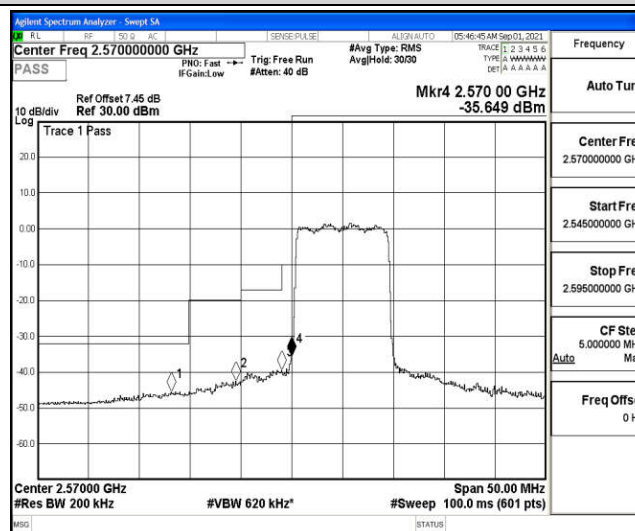
Band38-10MHz-QPSK-37800-50RB#0



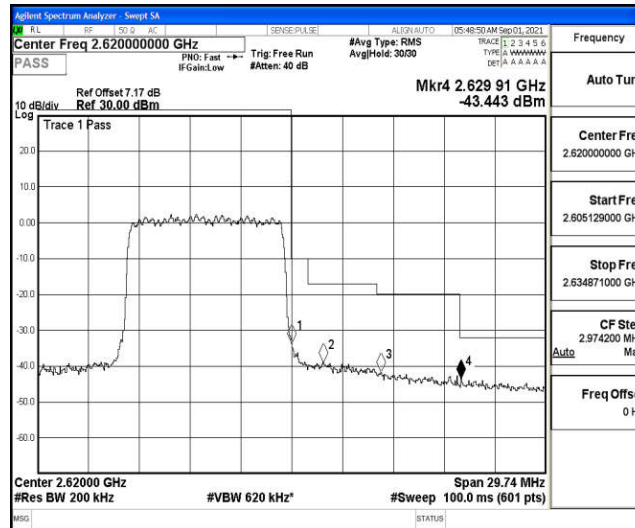
Band38-10MHz-QPSK-38200-50RB#0



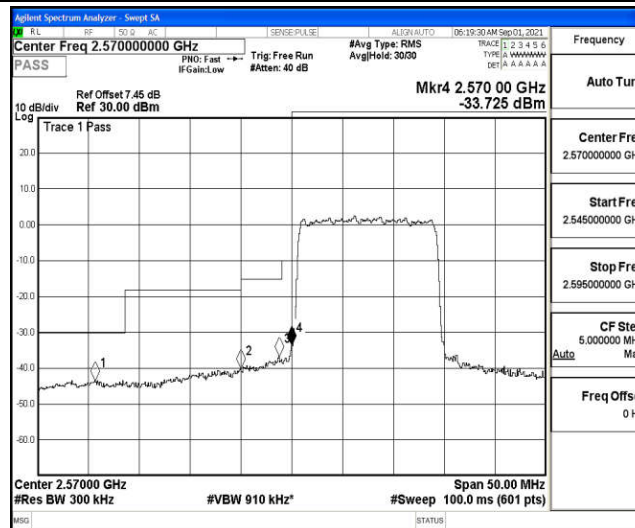
Band38-10MHz-16QAM-37800-50RB#0



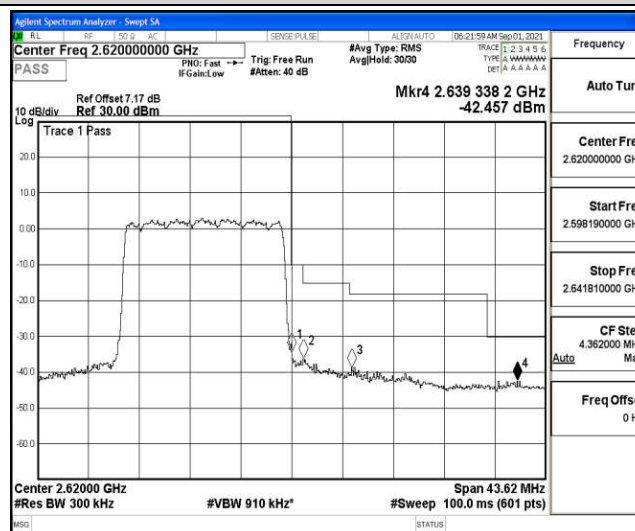
Band38-10MHz-16QAM-38200-50RB#0



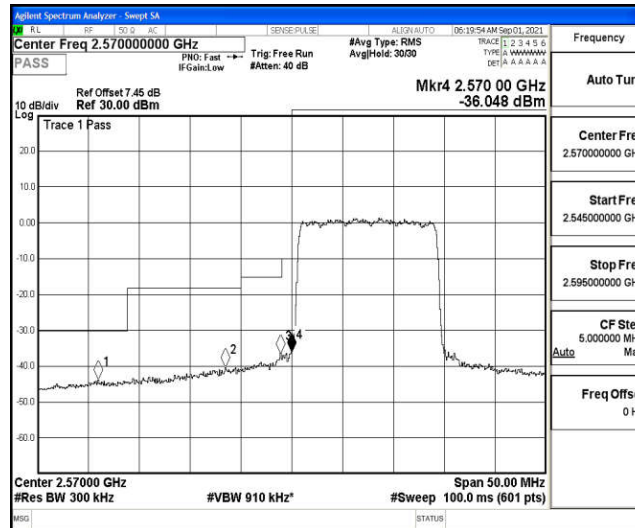
Band38-15MHz-QPSK-37825-75RB#0



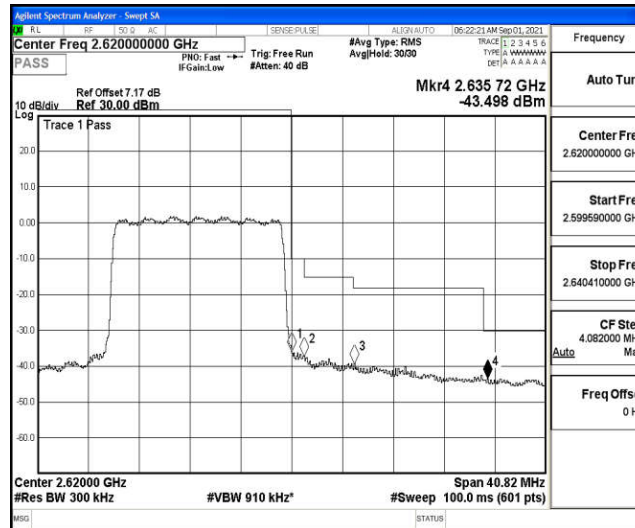
Band38-15MHz-QPSK-38175-75RB#0



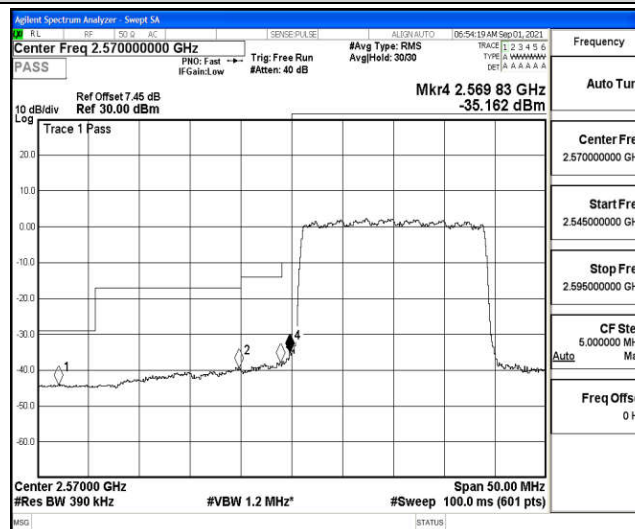
Band38-15MHz-16QAM-37825-75RB#0



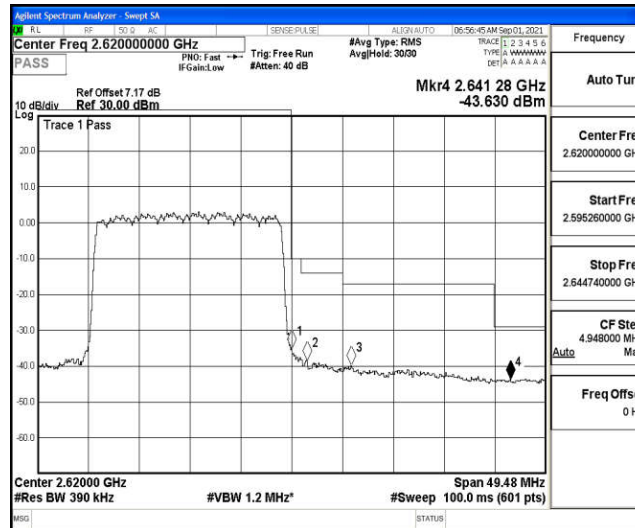
Band38-15MHz-16QAM-38175-75RB#0



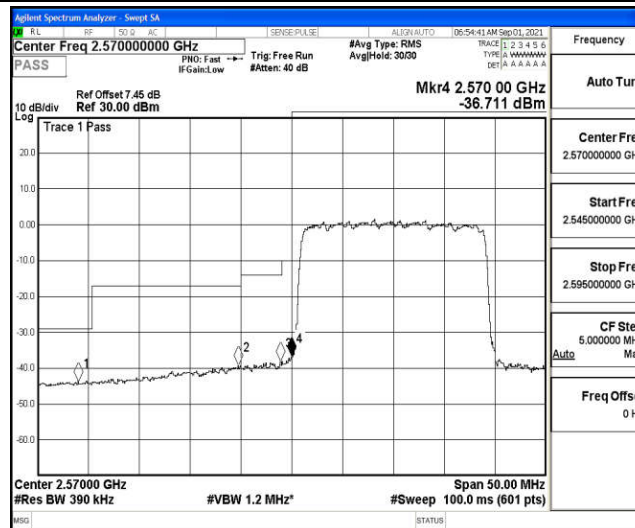
Band38-20MHz-QPSK-37850-100RB#0



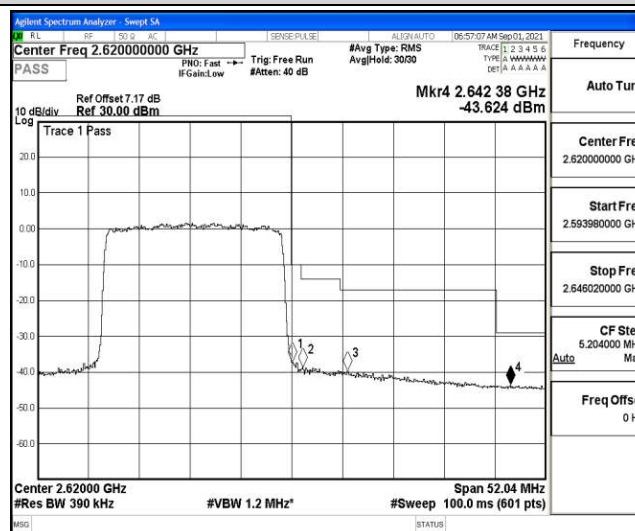
Band38-20MHz-QPSK-38150-100RB#0



Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38150-100RB#0





E.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	Range1:0.009~0.15MHz	-66.01	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range2:0.15~30MHz	-51.98	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range3:30~1000MHz	-42.8	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range4:1000~10000MHz	-45.18	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range6:20000~26500MHz	-36.9	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-64.98	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-51.96	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-43.22	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-45.24	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.39	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-37.18	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range1:0.009~0.15MHz	-65.66	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range2:0.15~30MHz	-51.65	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range3:30~1000MHz	-40.45	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range4:1000~10000MHz	-45.13	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range5:10000~20000MHz	-49.4	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range6:20000~26500MHz	-36.89	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range1:0.009~0.15MHz	-64.58	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range2:0.15~30MHz	-51.77	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range3:30~1000MHz	-41.53	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range4:1000~10000MHz	-45.09	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range5:10000~20000MHz	-49.42	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range6:20000~26500MHz	-37.15	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-66.3	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-50.49	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-43.11	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-45.18	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-36.92	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range1:0.009~0.15MHz	-66.31	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range2:0.15~30MHz	-51.91	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range3:30~1000MHz	-43.46	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range4:1000~10000MHz	-45.21	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range5:10000~20000MHz	-49.4	PASS



Band38	5MHz	16QAM	38225	1RB#0	Range6:20000~26500MHz	-37.04	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range1:0.009~0.15MHz	-66.78	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range2:0.15~30MHz	-52.25	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range3:30~1000MHz	-42.47	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range4:1000~10000MHz	-45.26	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range5:10000~20000MHz	-49.27	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range6:20000~26500MHz	-37	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-67.58	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-50.28	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-43.51	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-45.15	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.33	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-36.95	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range1:0.009~0.15MHz	-66.58	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range2:0.15~30MHz	-51.73	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range3:30~1000MHz	-41.48	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range4:1000~10000MHz	-45.22	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range6:20000~26500MHz	-37.1	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range1:0.009~0.15MHz	-66.29	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range2:0.15~30MHz	-51.56	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range3:30~1000MHz	-42.75	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range5:10000~20000MHz	-49.32	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range6:20000~26500MHz	-37.03	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-65.35	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-51.5	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-42.18	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-45.25	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.33	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-36.99	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range1:0.009~0.15MHz	-66.45	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range2:0.15~30MHz	-51.45	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range3:30~1000MHz	-42.08	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range4:1000~10000MHz	-45.18	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range5:10000~20000MHz	-49.41	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range6:20000~26500MHz	-36.99	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range1:0.009~0.15MHz	-64.87	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range2:0.15~30MHz	-50.83	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range3:30~1000MHz	-42.68	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range4:1000~10000MHz	-45.1	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range5:10000~20000MHz	-49.26	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range6:20000~26500MHz	-37.1	PASS

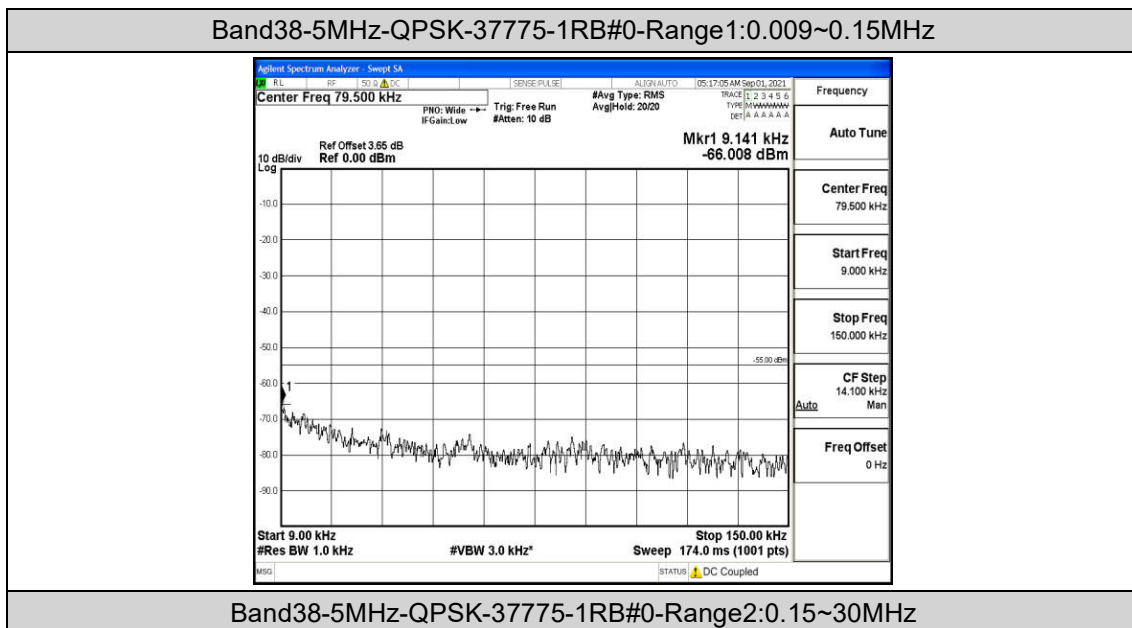


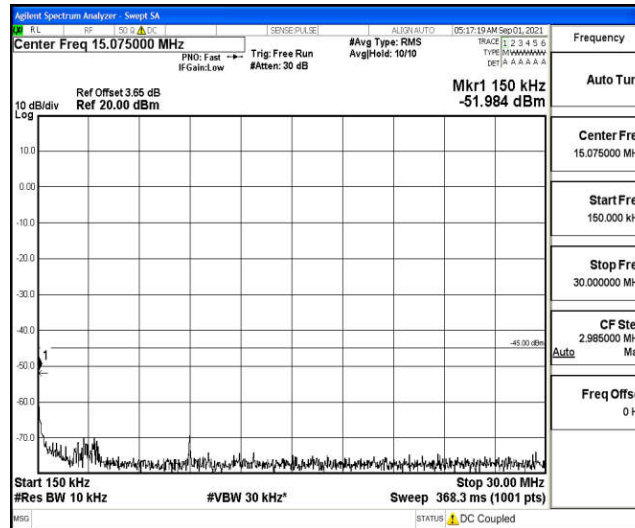
Band38	15MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-65.85	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-52.22	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-42.61	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-45.15	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.36	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-36.82	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range1:0.009~0.15MHz	-65.56	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range2:0.15~30MHz	-51.96	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range3:30~1000MHz	-41.92	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range5:10000~20000MHz	-49.25	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range6:20000~26500MHz	-36.96	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range1:0.009~0.15MHz	-65.42	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range2:0.15~30MHz	-49.56	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range3:30~1000MHz	-43.4	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range4:1000~10000MHz	-45.17	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range5:10000~20000MHz	-49.29	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range6:20000~26500MHz	-36.9	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-64.95	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-52.32	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-43.03	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.36	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-37.02	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range1:0.009~0.15MHz	-66.53	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range2:0.15~30MHz	-49.44	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range3:30~1000MHz	-43.49	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range4:1000~10000MHz	-45.22	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range5:10000~20000MHz	-49.31	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range6:20000~26500MHz	-36.98	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range1:0.009~0.15MHz	-66.58	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range2:0.15~30MHz	-51.18	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range3:30~1000MHz	-43.22	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range4:1000~10000MHz	-45.26	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range5:10000~20000MHz	-49.26	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range6:20000~26500MHz	-36.88	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-66.29	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-49.86	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-41.48	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-45.23	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.33	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-36.89	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range1:0.009~0.15MHz	-67.07	PASS



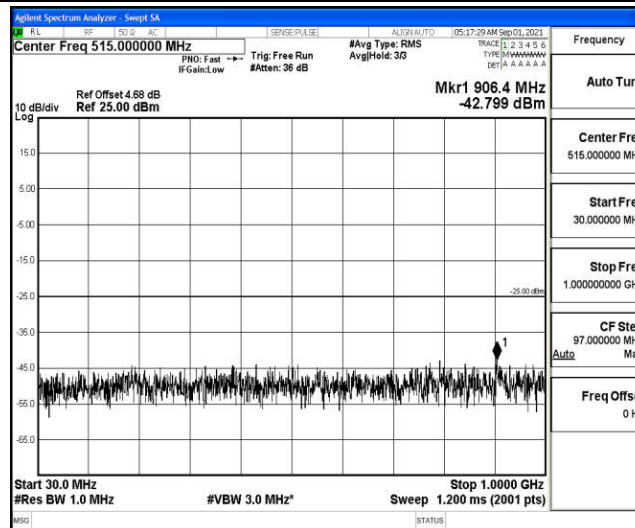
Band38	20MHz	QPSK	38150	1RB#0	Range2:0.15~30MHz	-52.1	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range3:30~1000MHz	-42.98	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range4:1000~10000MHz	-45.31	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range5:10000~20000MHz	-49.14	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range6:20000~26500MHz	-36.75	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range1:0.009~0.15MHz	-64.14	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range2:0.15~30MHz	-50.5	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range3:30~1000MHz	-42.24	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range4:1000~10000MHz	-45.16	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range5:10000~20000MHz	-49.24	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range6:20000~26500MHz	-36.89	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-65.68	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-53.52	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-43.02	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-45.26	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.18	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-36.49	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range1:0.009~0.15MHz	-63.68	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range2:0.15~30MHz	-51.58	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range3:30~1000MHz	-42.86	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range5:10000~20000MHz	-49.22	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range6:20000~26500MHz	-36.89	PASS

Test Graphs

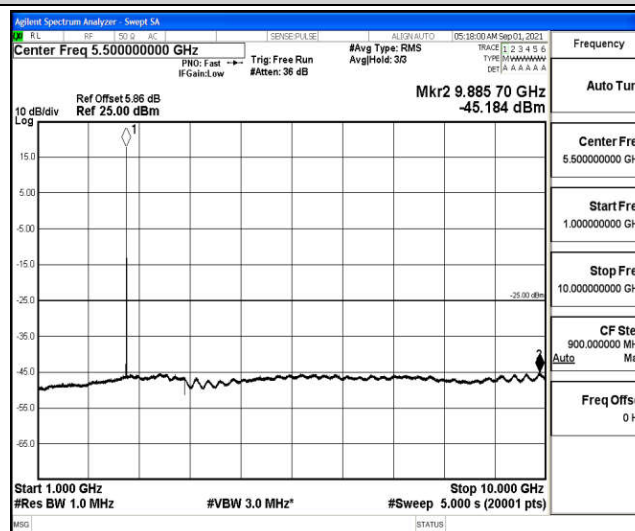




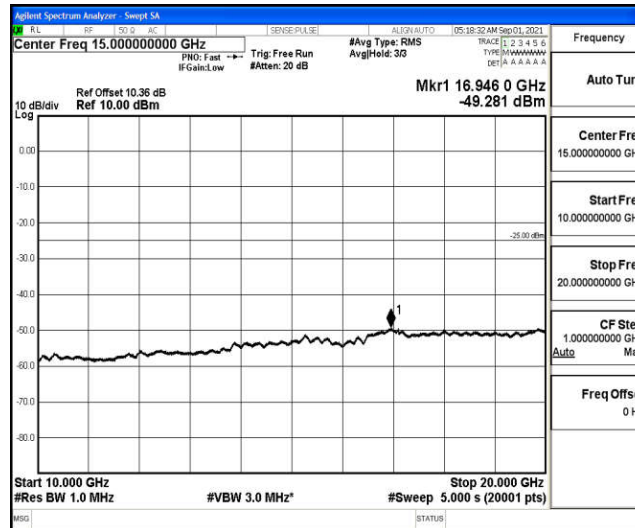
Band38-5MHz-QPSK-37775-1RB#0-Range3:30~1000MHz



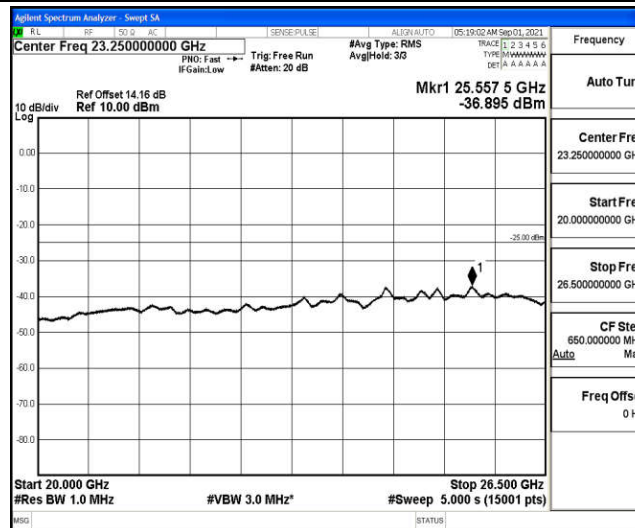
Band38-5MHz-QPSK-37775-1RB#0-Range4:1000~10000MHz



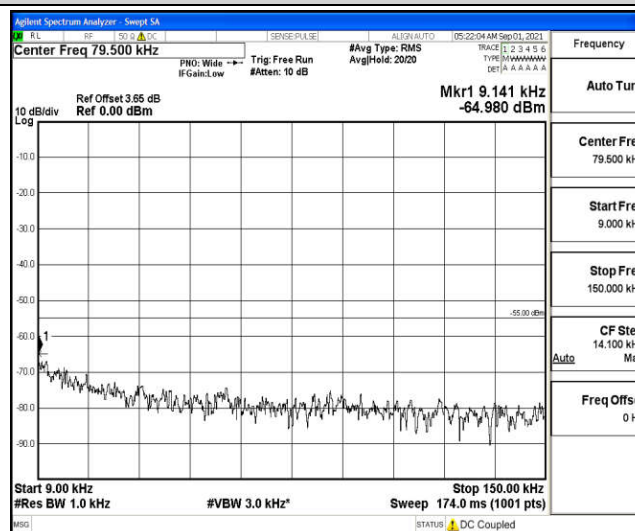
Band38-5MHz-QPSK-37775-1RB#0-Range5:10000~20000MHz



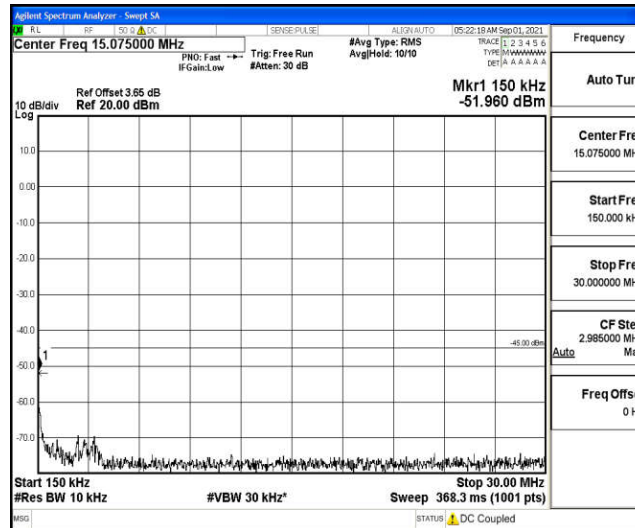
Band38-5MHz-QPSK-37775-1RB#0-Range6:20000~26500MHz



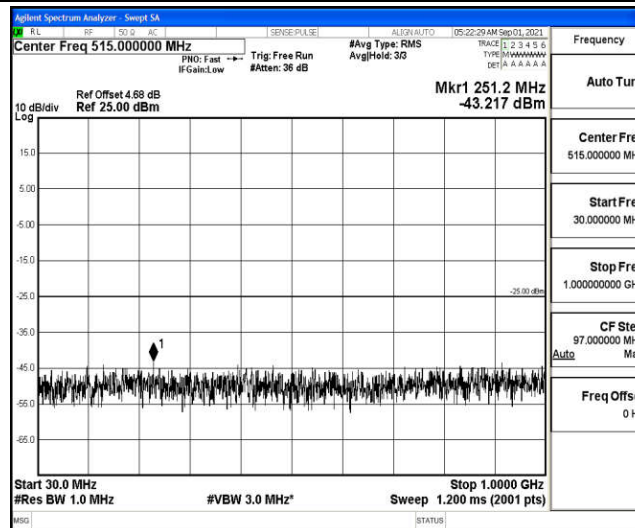
Band38-5MHz-QPSK-38000-1RB#0-Range1:0.009~0.15MHz



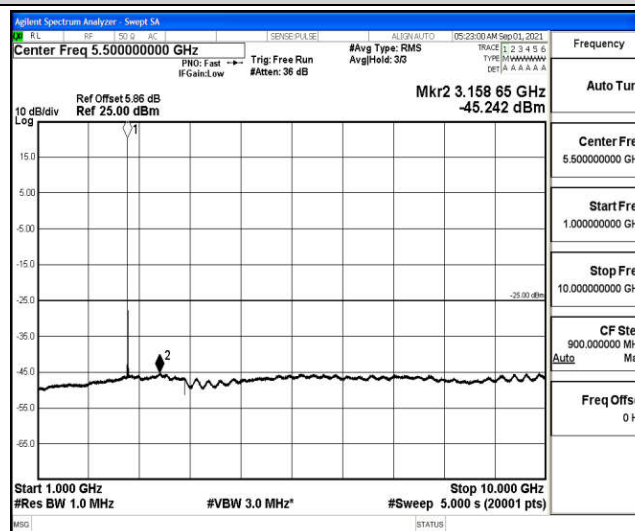
Band38-5MHz-QPSK-38000-1RB#0-Range2:0.15~30MHz



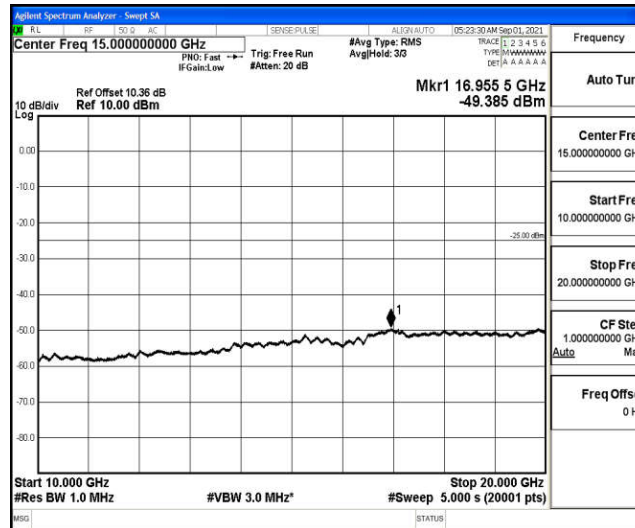
Band38-5MHz-QPSK-38000-1RB#0-Range3:30~1000MHz



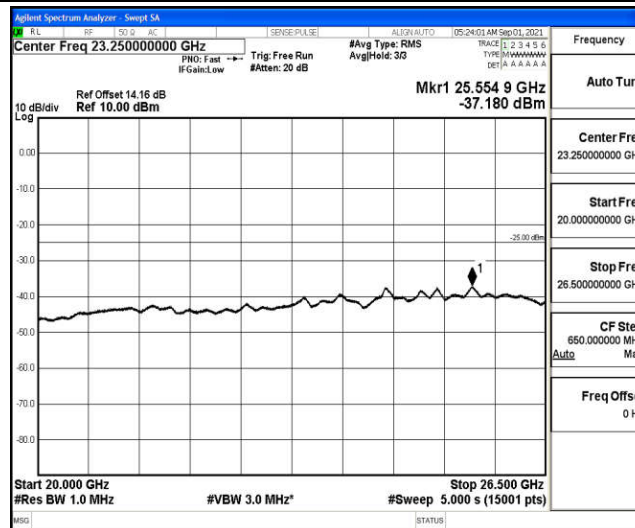
Band38-5MHz-QPSK-38000-1RB#0-Range4:1000~10000MHz



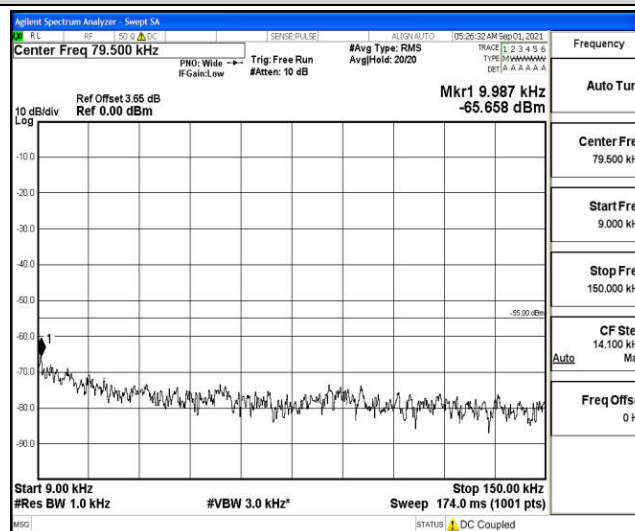
Band38-5MHz-QPSK-38000-1RB#0-Range5:10000~20000MHz



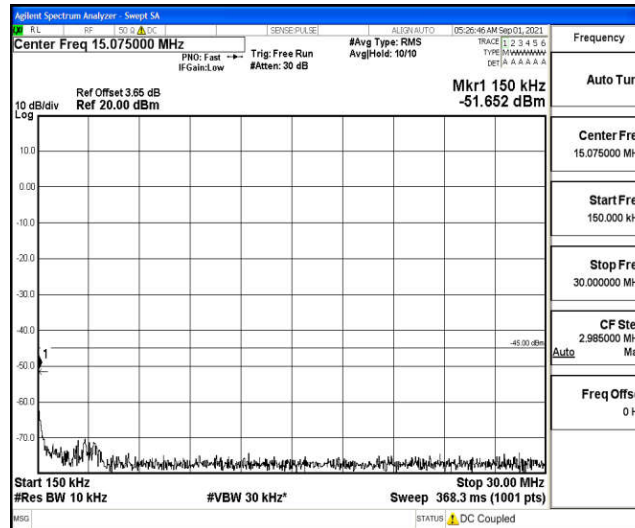
Band38-5MHz-QPSK-38000-1RB#0-Range6:20000~26500MHz



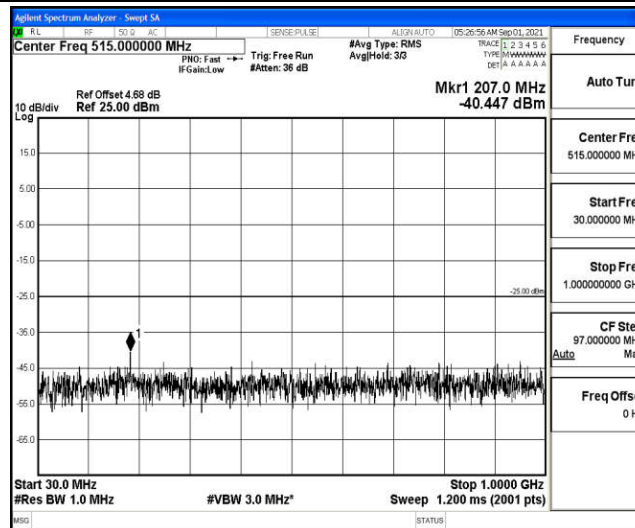
Band38-5MHz-QPSK-38225-1RB#0-Range1:0.009~0.15MHz



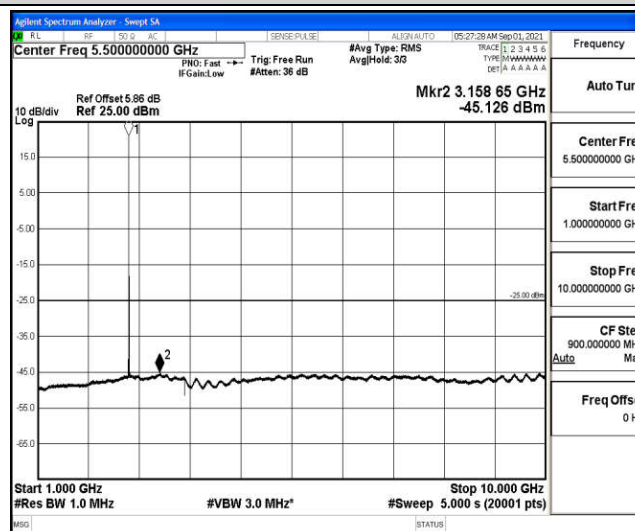
Band38-5MHz-QPSK-38225-1RB#0-Range2:0.15~30MHz



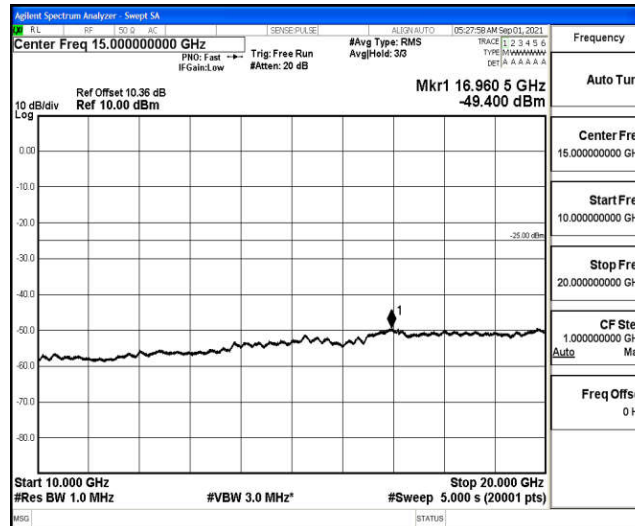
Band38-5MHz-QPSK-38225-1RB#0-Range3:30~1000MHz



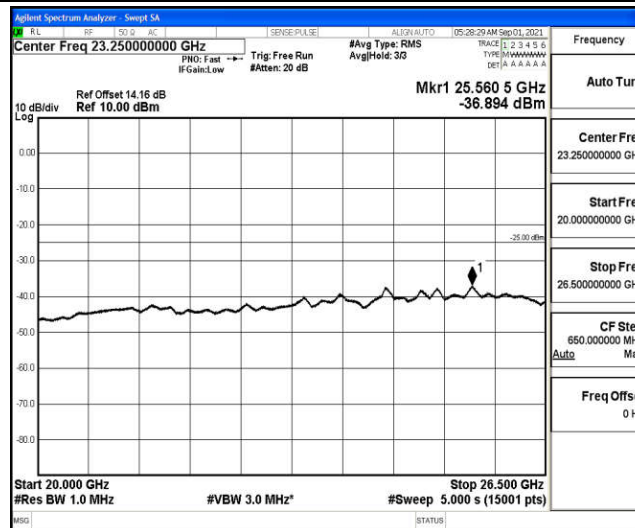
Band38-5MHz-QPSK-38225-1RB#0-Range4:1000~10000MHz



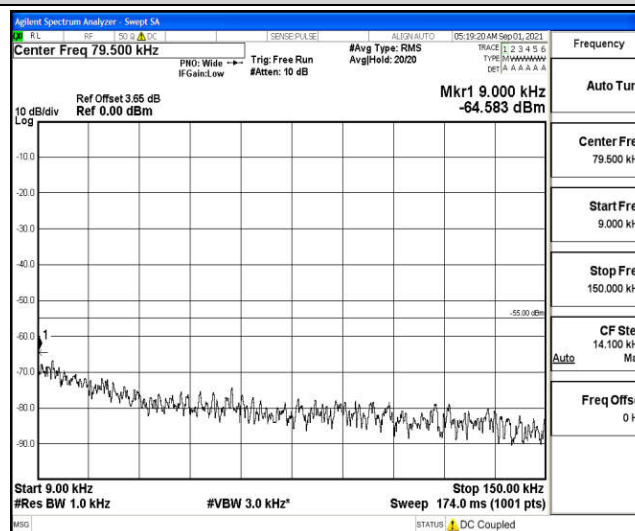
Band38-5MHz-QPSK-38225-1RB#0-Range5:10000~20000MHz



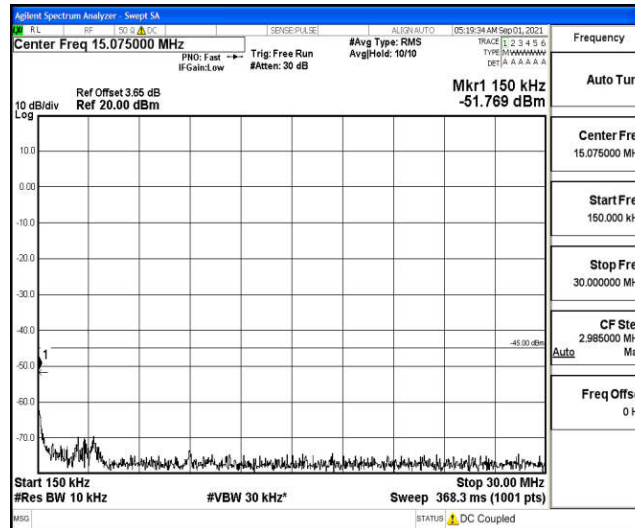
Band38-5MHz-QPSK-38225-1RB#0-Range6:20000~26500MHz



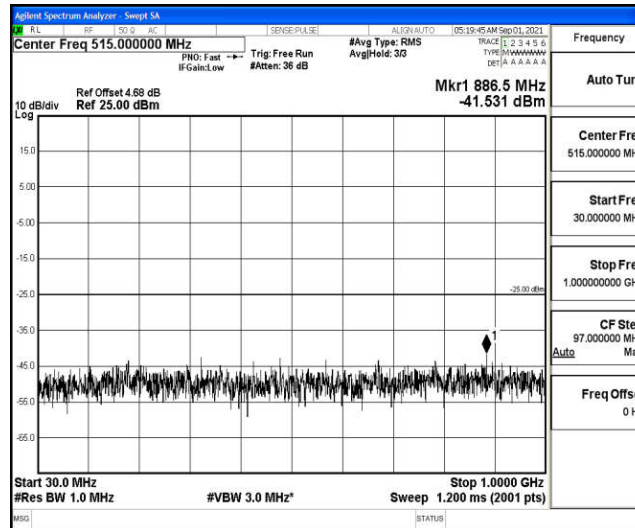
Band38-5MHz-16QAM-37775-1RB#0-Range1:0.009~0.15MHz



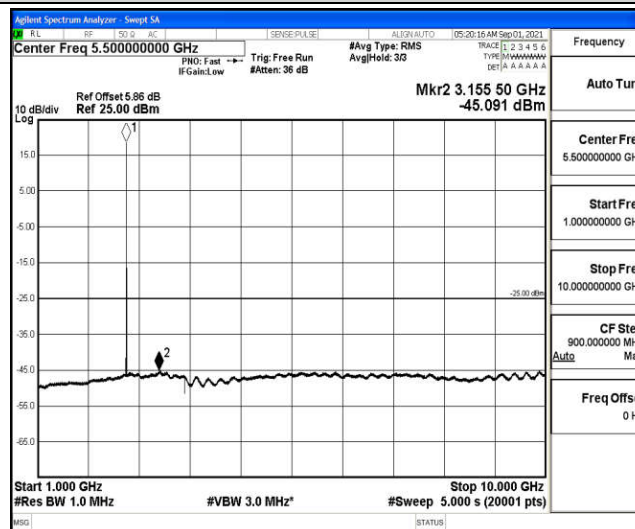
Band38-5MHz-16QAM-37775-1RB#0-Range2:0.15~30MHz



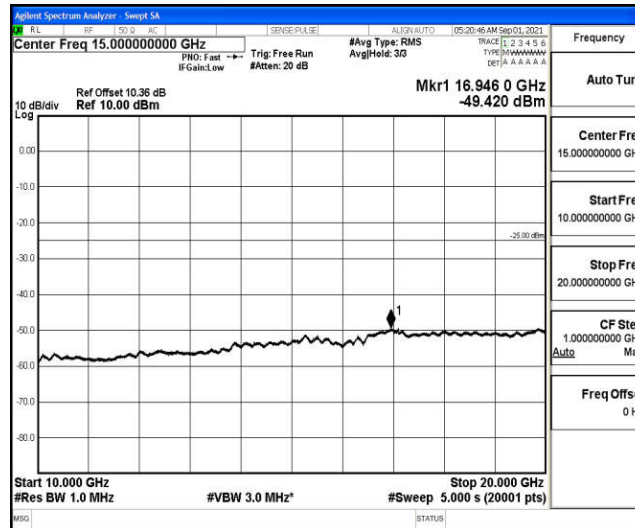
Band38-5MHz-16QAM-37775-1RB#0-Range3:30~1000MHz



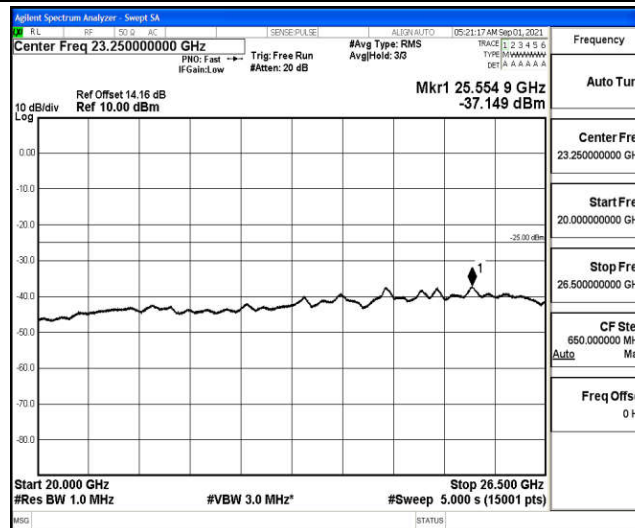
Band38-5MHz-16QAM-37775-1RB#0-Range4:1000~10000MHz



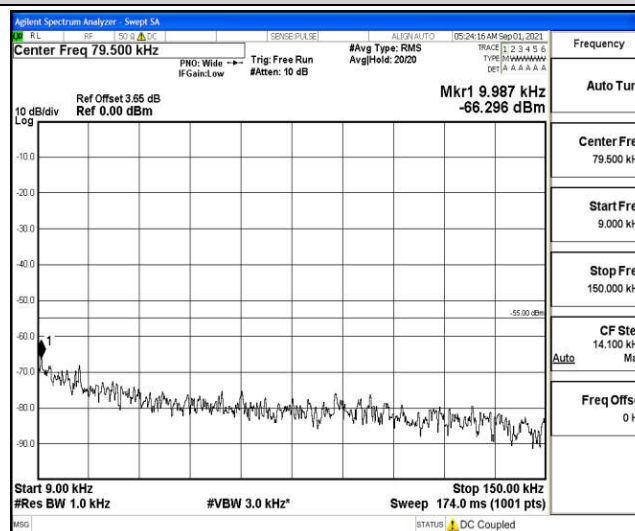
Band38-5MHz-16QAM-37775-1RB#0-Range5:10000~20000MHz



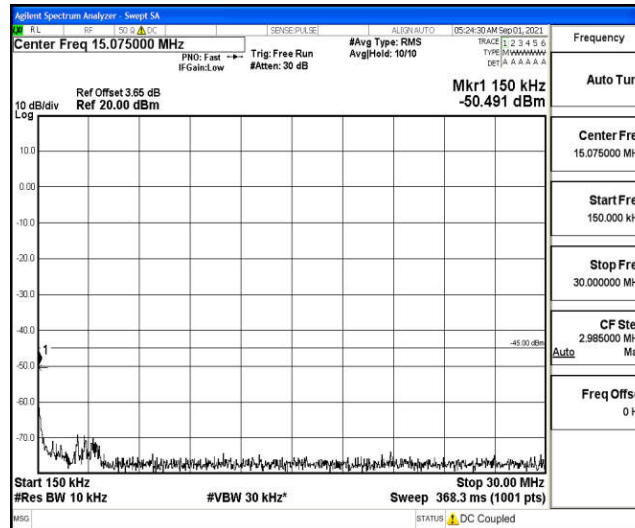
Band38-5MHz-16QAM-37775-1RB#0-Range6:20000~26500MHz



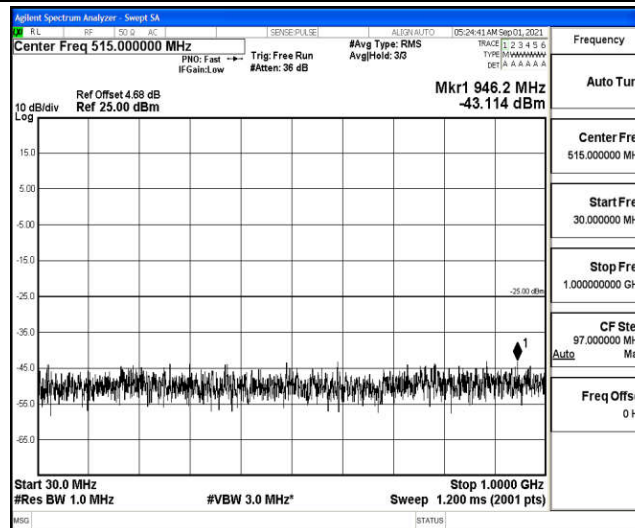
Band38-5MHz-16QAM-38000-1RB#0-Range1:0.009~0.15MHz



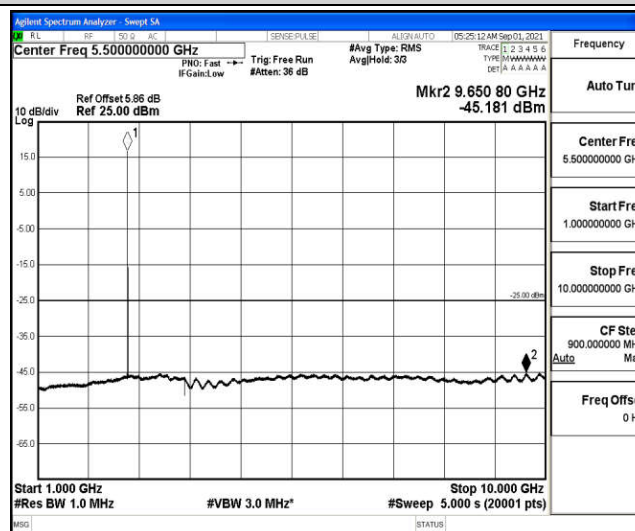
Band38-5MHz-16QAM-38000-1RB#0-Range2:0.15~30MHz



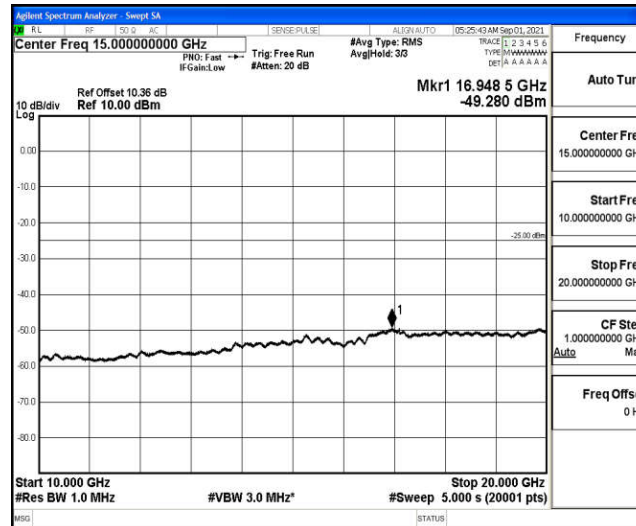
Band38-5MHz-16QAM-38000-1RB#0-Range3:30~1000MHz



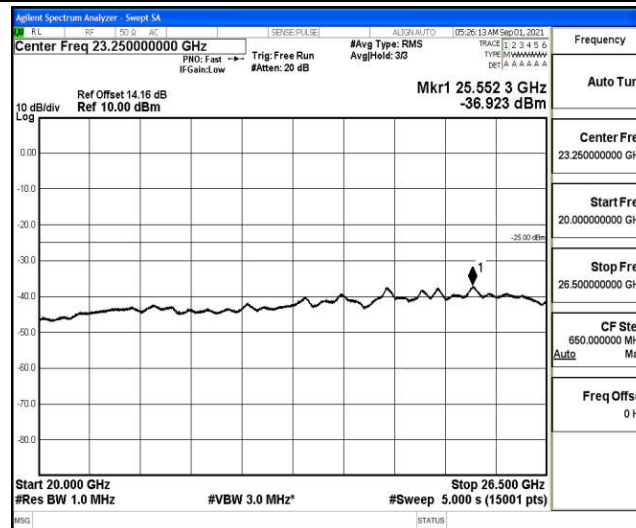
Band38-5MHz-16QAM-38000-1RB#0-Range4:1000~10000MHz



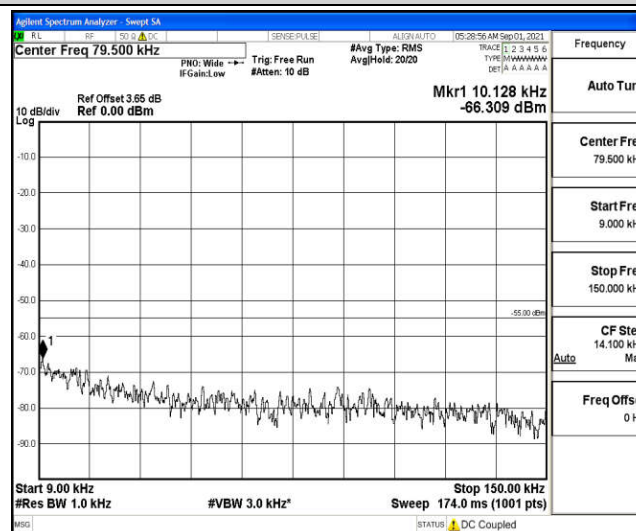
Band38-5MHz-16QAM-38000-1RB#0-Range5:10000~20000MHz



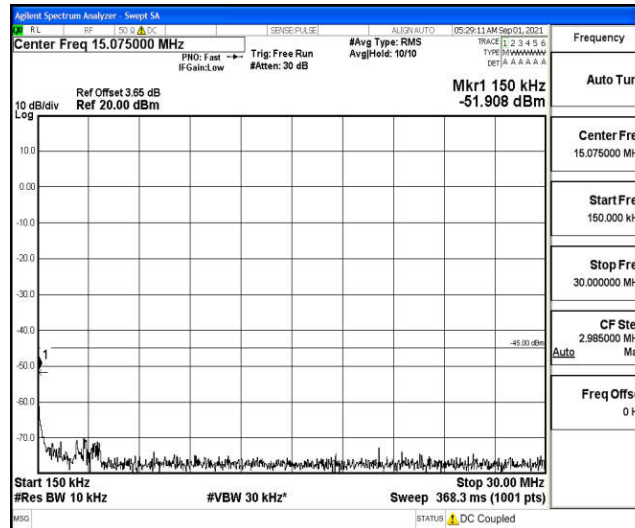
Band38-5MHz-16QAM-38000-1RB#0-Range6:20000~26500MHz



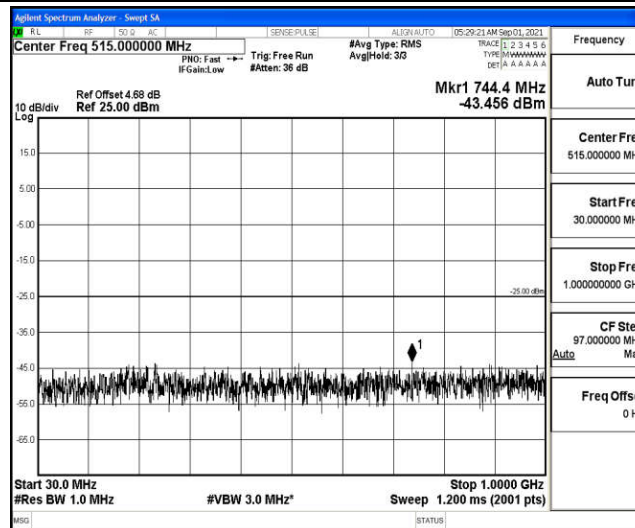
Band38-5MHz-16QAM-38225-1RB#0-Range1:0.009~0.15MHz



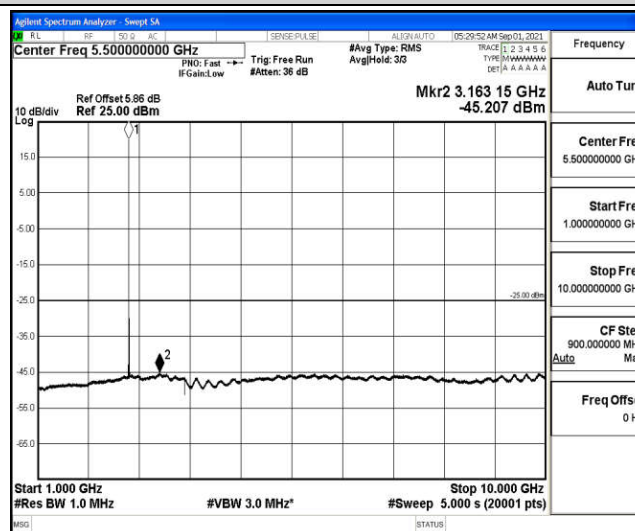
Band38-5MHz-16QAM-38225-1RB#0-Range2:0.15~30MHz



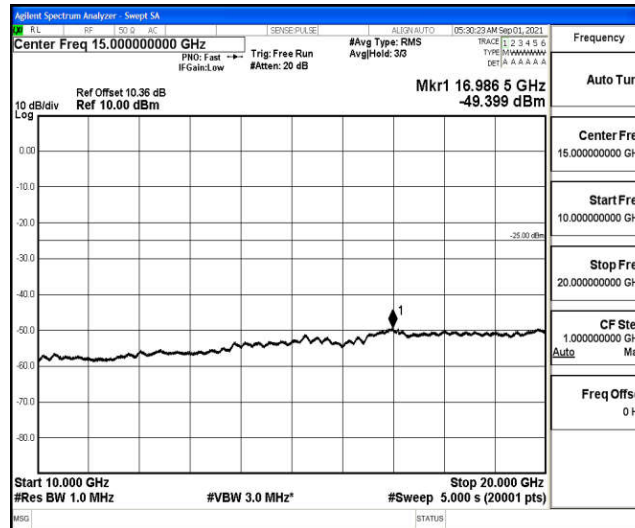
Band38-5MHz-16QAM-38225-1RB#0-Range3:30~1000MHz



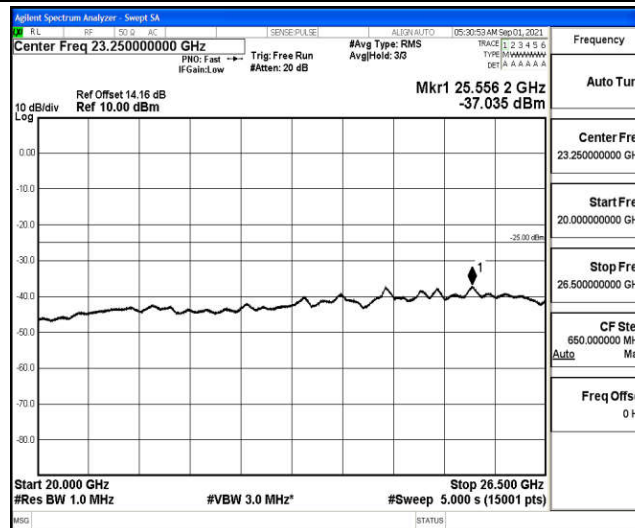
Band38-5MHz-16QAM-38225-1RB#0-Range4:1000~10000MHz



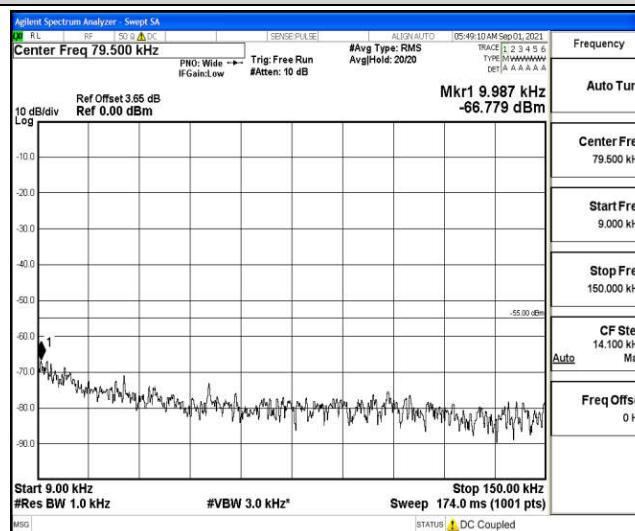
Band38-5MHz-16QAM-38225-1RB#0-Range5:10000~20000MHz



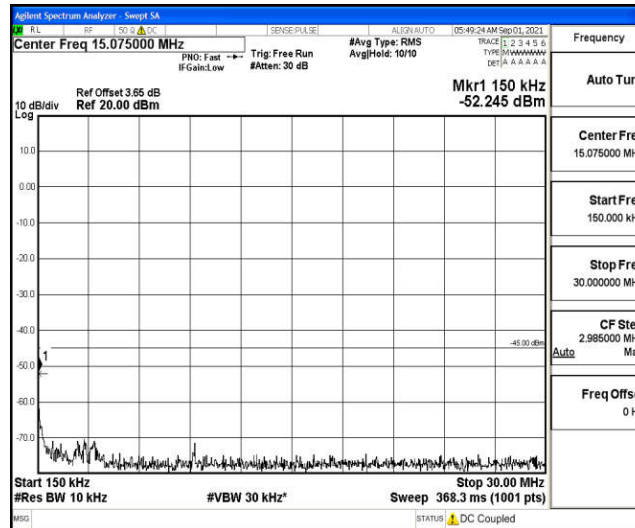
Band38-5MHz-16QAM-38225-1RB#0-Range6:20000~26500MHz



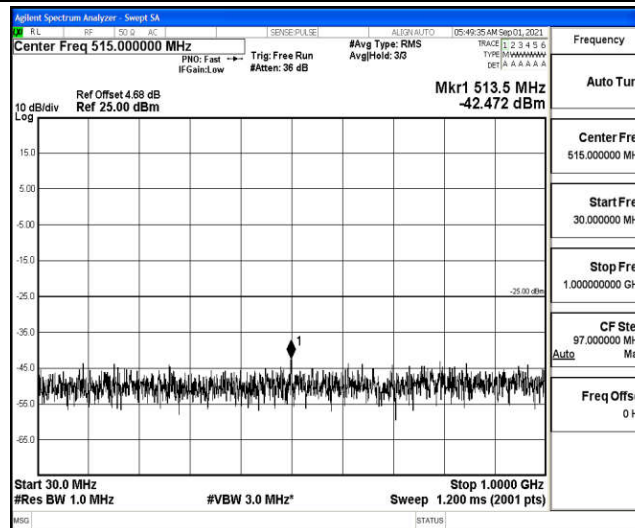
Band38-10MHz-QPSK-37800-1RB#0-Range1:0.009~0.15MHz



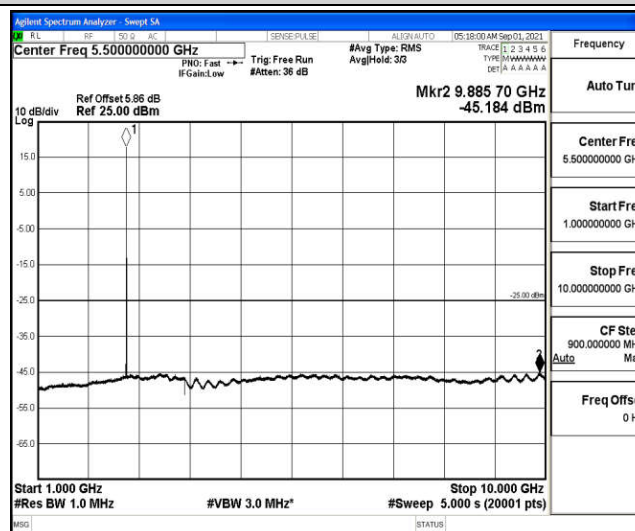
Band38-10MHz-QPSK-37800-1RB#0-Range2:0.15~30MHz



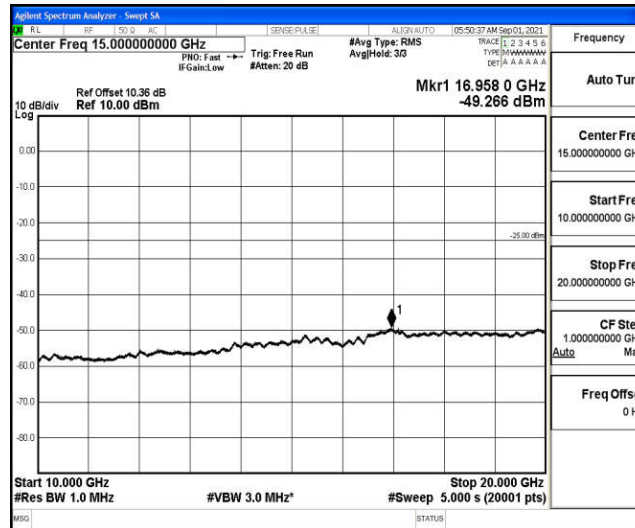
Band38-10MHz-QPSK-37800-1RB#0-Range3:30~1000MHz



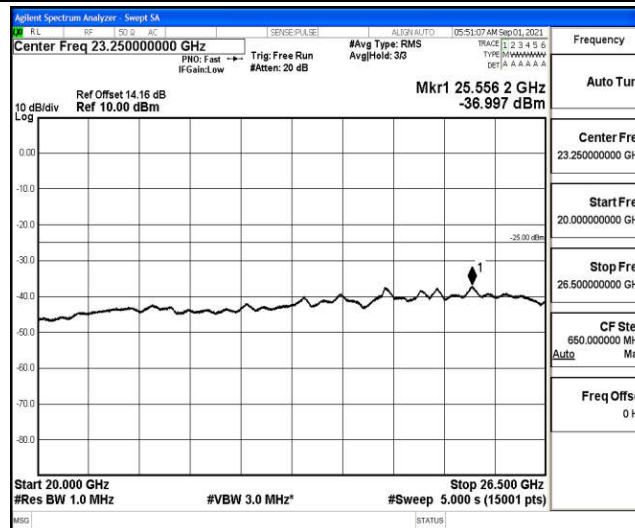
Band38-10MHz-QPSK-37800-1RB#0-Range4:1000~10000MHz



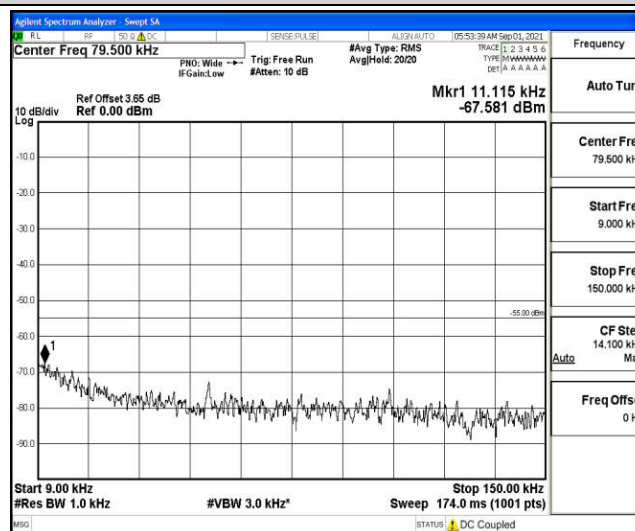
Band38-10MHz-QPSK-37800-1RB#0-Range5:10000~20000MHz



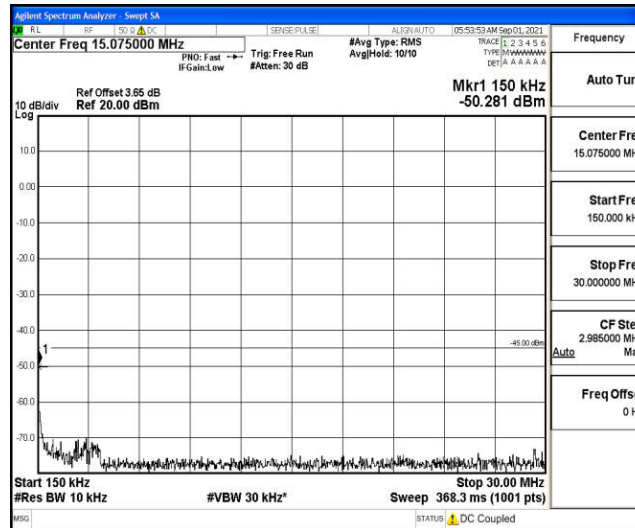
Band38-10MHz-QPSK-37800-1RB#0-Range6:20000~26500MHz



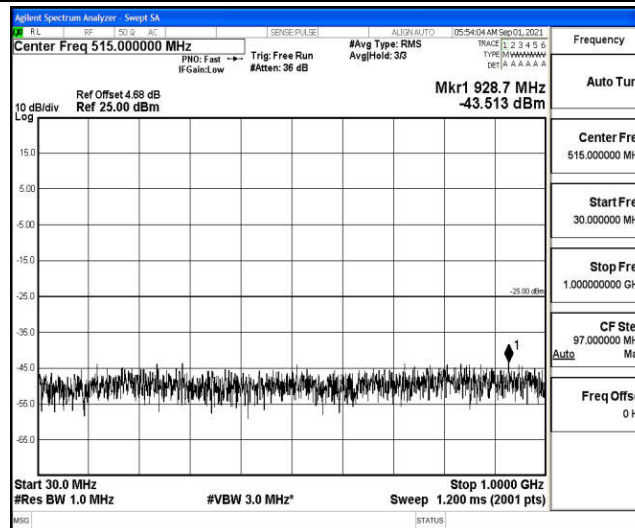
Band38-10MHz-QPSK-38000-1RB#0-Range1:0.009~0.15MHz



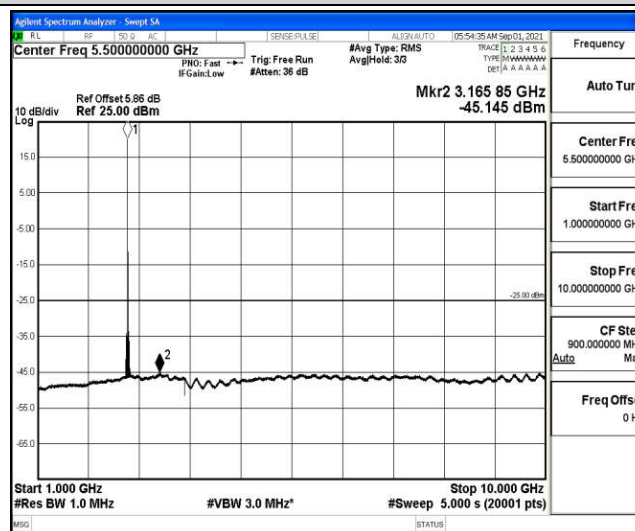
Band38-10MHz-QPSK-38000-1RB#0-Range2:0.15~30MHz



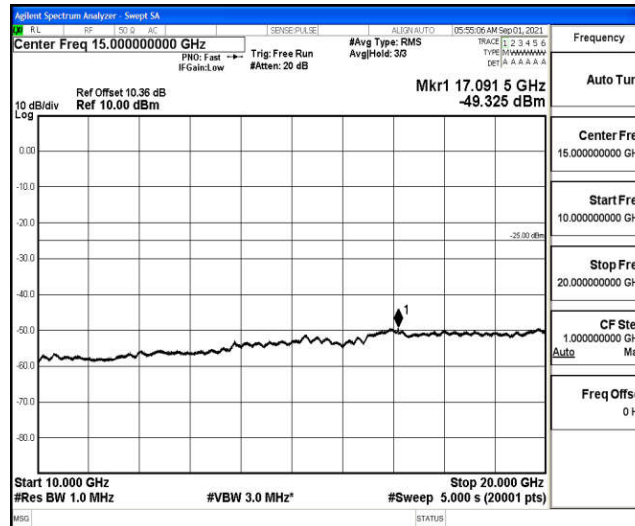
Band38-10MHz-QPSK-38000-1RB#0-Range3:30~1000MHz



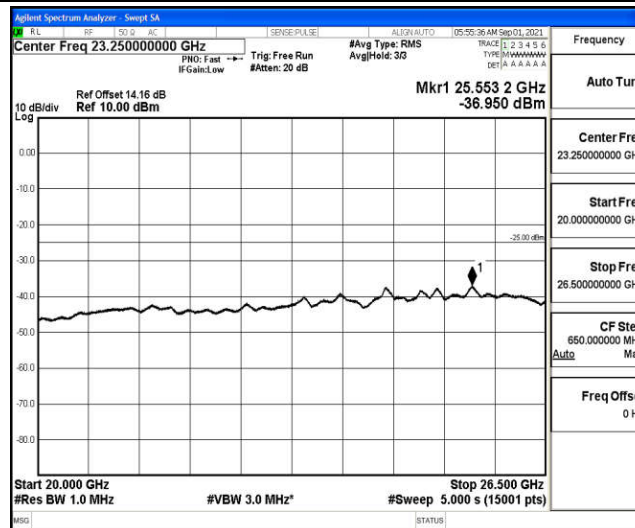
Band38-10MHz-QPSK-38000-1RB#0-Range4:1000~10000MHz



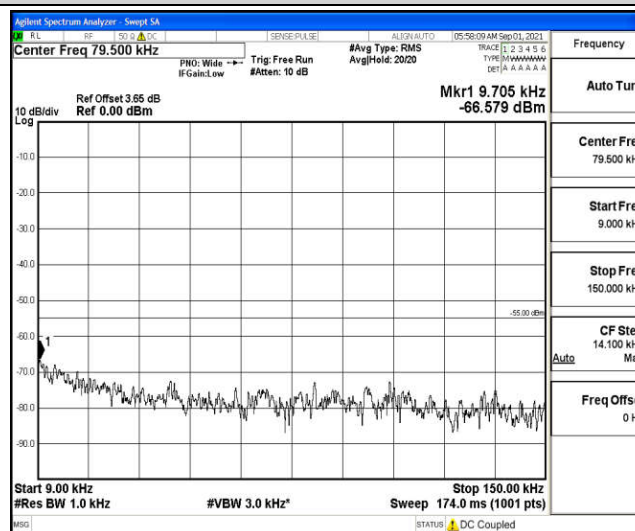
Band38-10MHz-QPSK-38000-1RB#0-Range5:10000~20000MHz



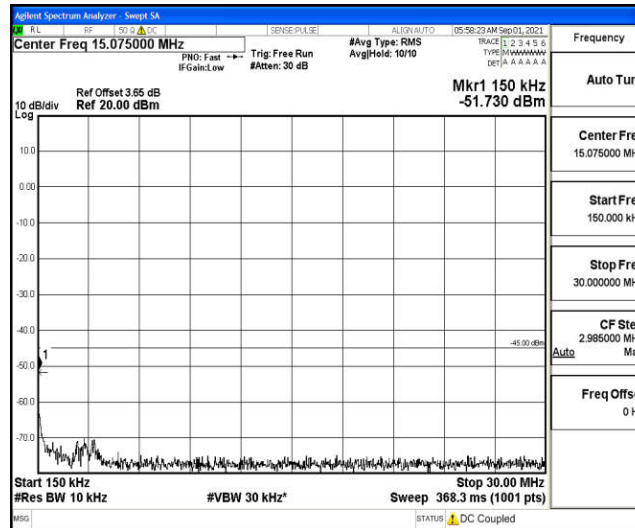
Band38-10MHz-QPSK-38000-1RB#0-Range6:20000~26500MHz



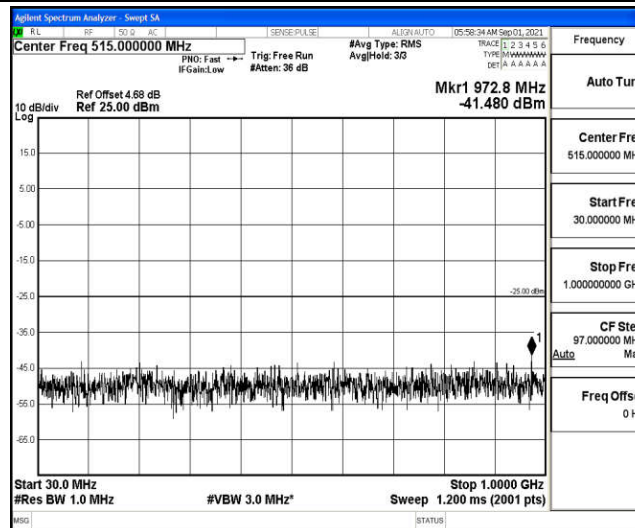
Band38-10MHz-QPSK-38200-1RB#0-Range1:0.009~0.15MHz



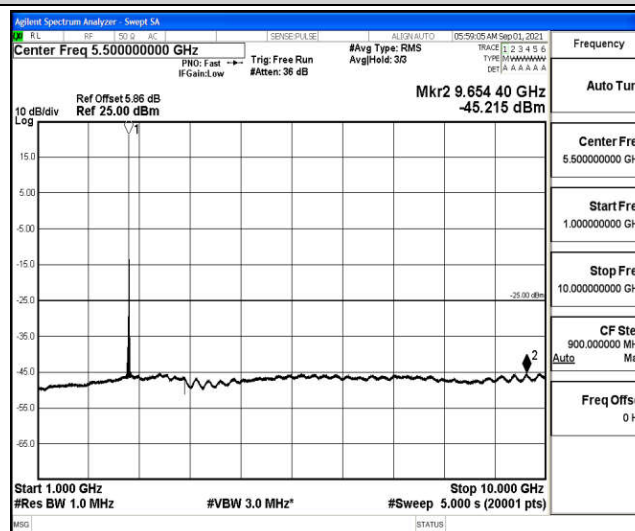
Band38-10MHz-QPSK-38200-1RB#0-Range2:0.15~30MHz



Band38-10MHz-QPSK-38200-1RB#0-Range3:30~1000MHz



Band38-10MHz-QPSK-38200-1RB#0-Range4:1000~10000MHz



Band38-10MHz-QPSK-38200-1RB#0-Range5:10000~20000MHz