

FCC LTE Band Test Data

FCC ID : 2A9LJ-ME61

Company: : Meferi Technologies Co.,Ltd.

EUT : Mobile Computer

Model Number : ME61

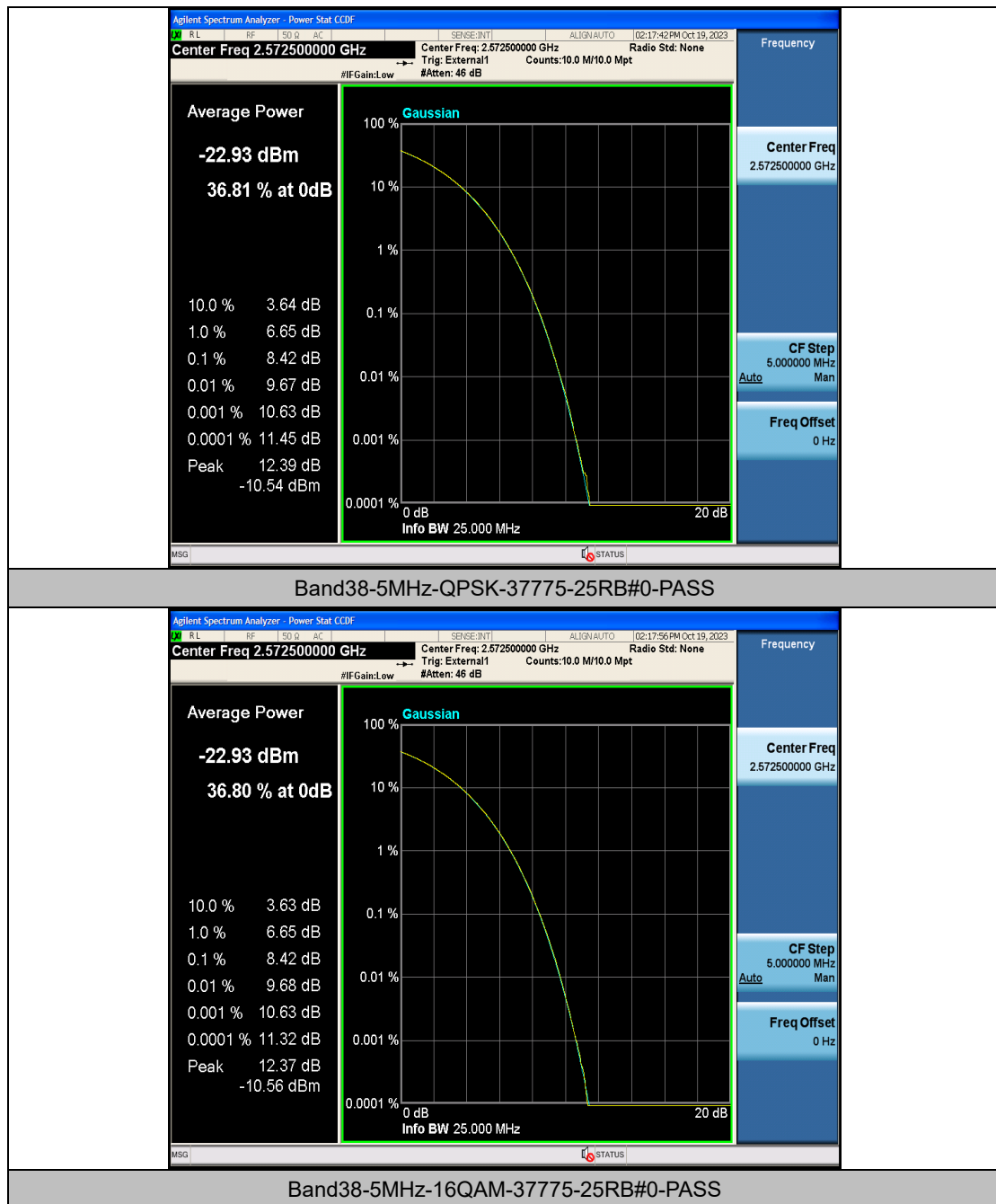
Reviewed By : Eric Wang

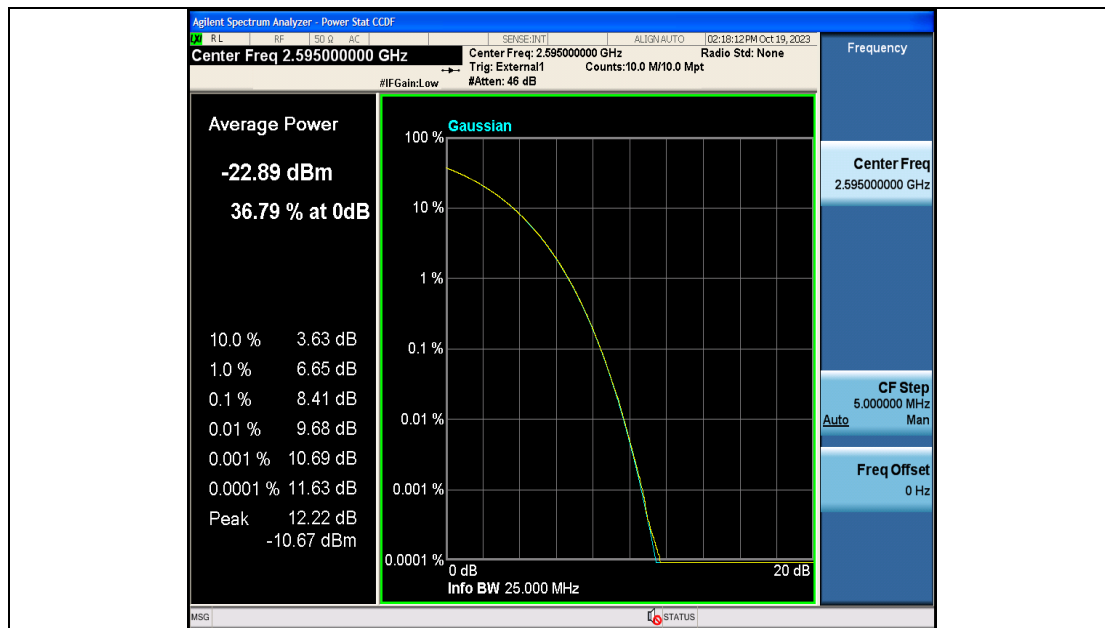
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

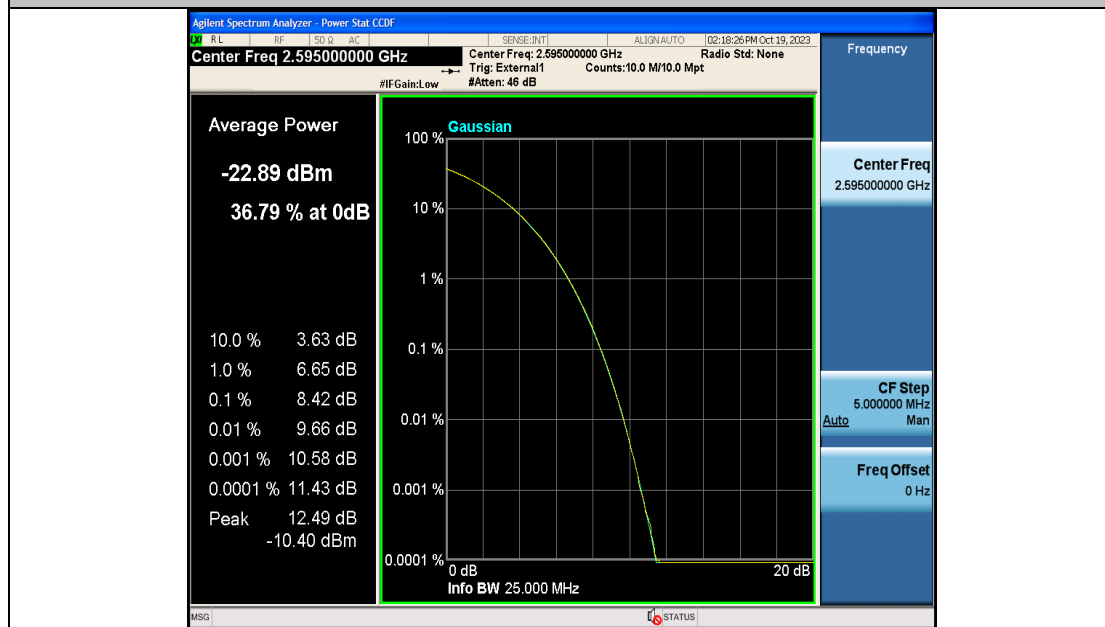
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	8.42	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	8.42	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	8.41	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	8.42	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	8.41	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	8.42	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.42	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.42	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.39	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.42	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.41	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.42	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	8.41	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	8.41	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	8.41	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	8.42	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	8.42	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	8.41	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	8.41	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	8.42	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.43	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	8.41	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.41	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	8.40	13	PASS

Test Graphs

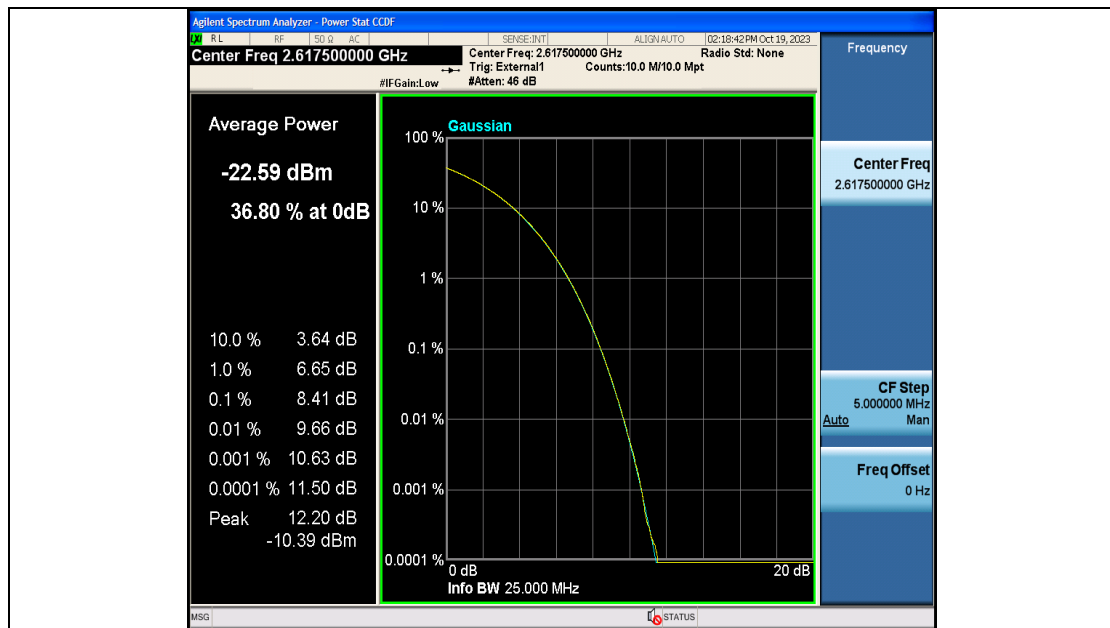




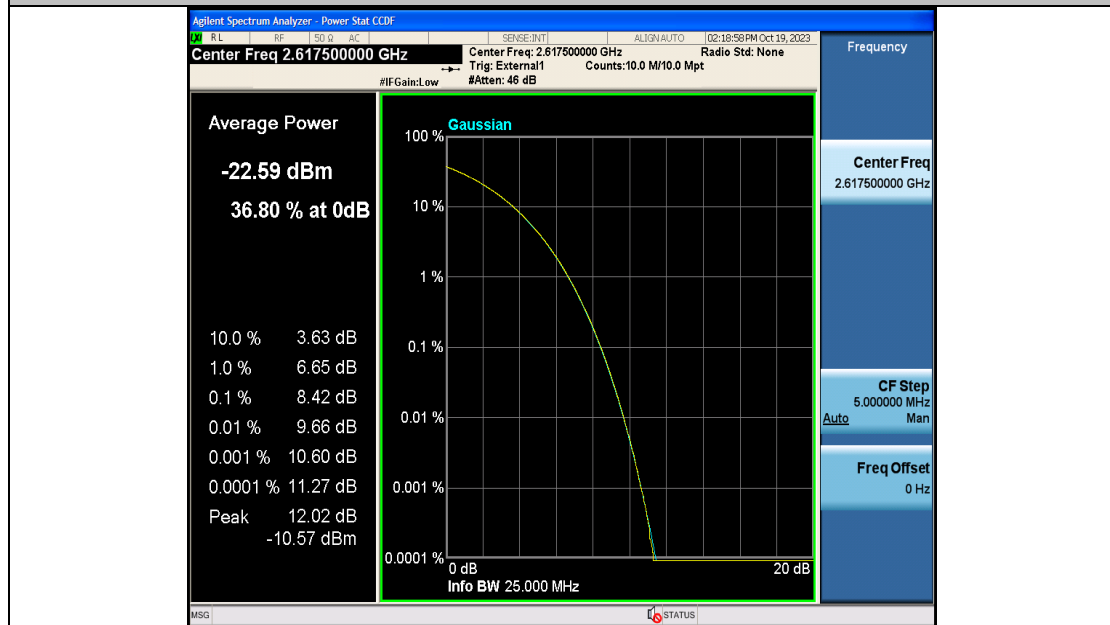
Band38-5MHz-QPSK-38000-25RB#0-PASS



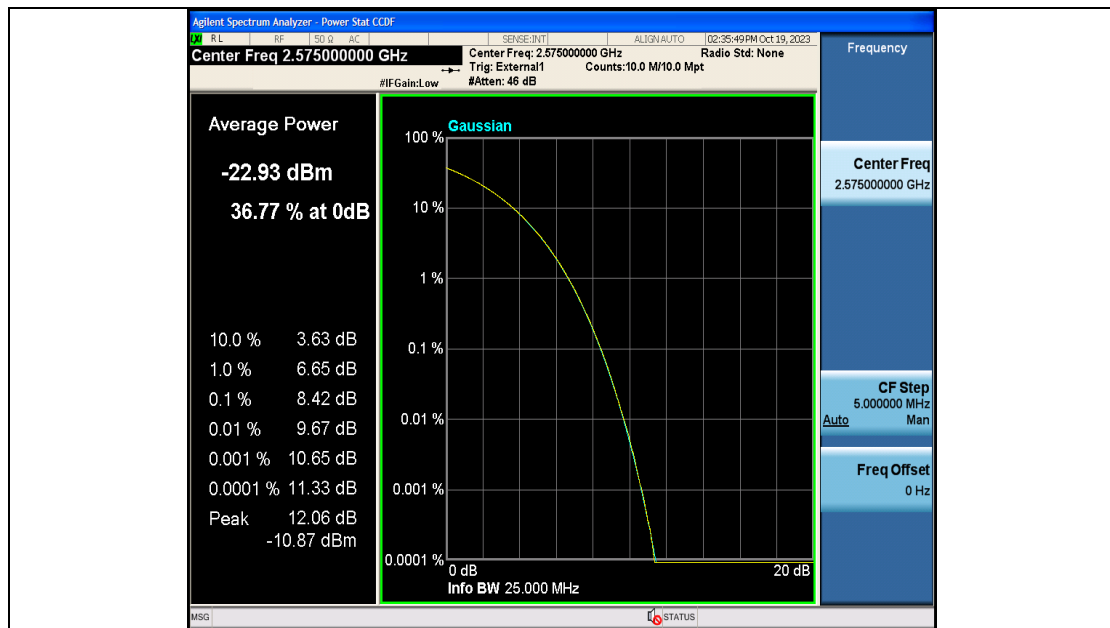
Band38-5MHz-16QAM-38000-25RB#0-PASS



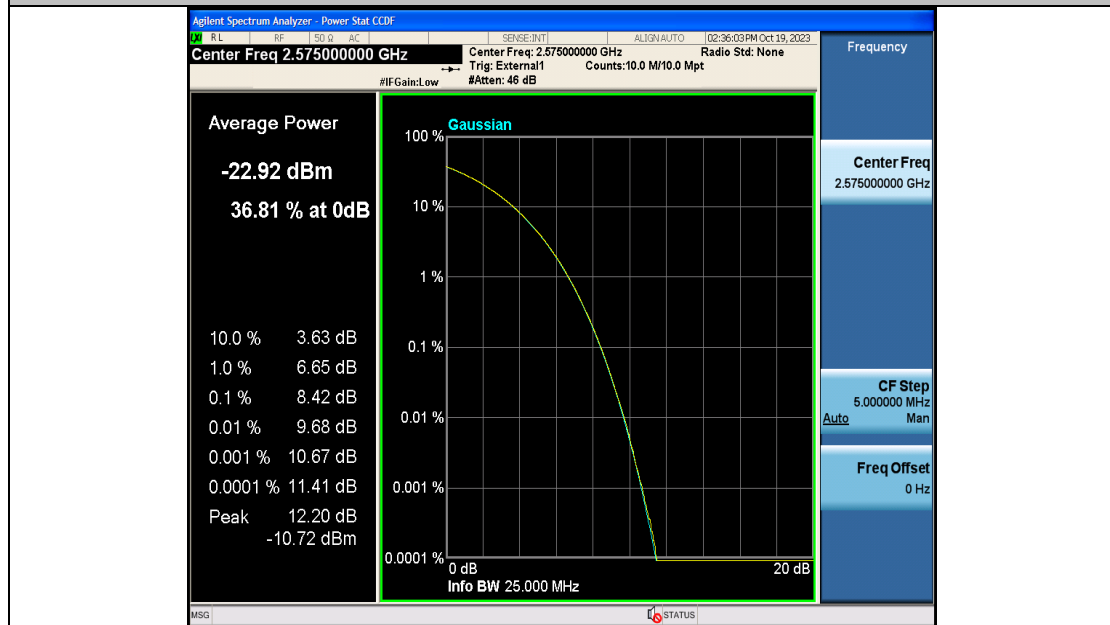
Band38-5MHz-QPSK-38225-25RB#0-PASS



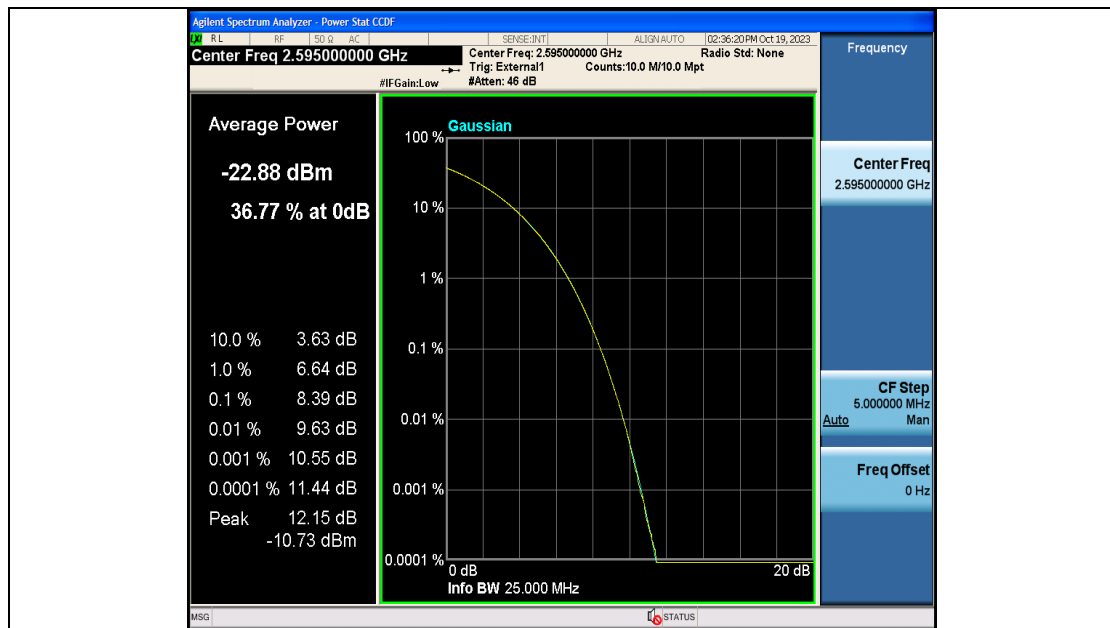
Band38-5MHz-16QAM-38225-25RB#0-PASS



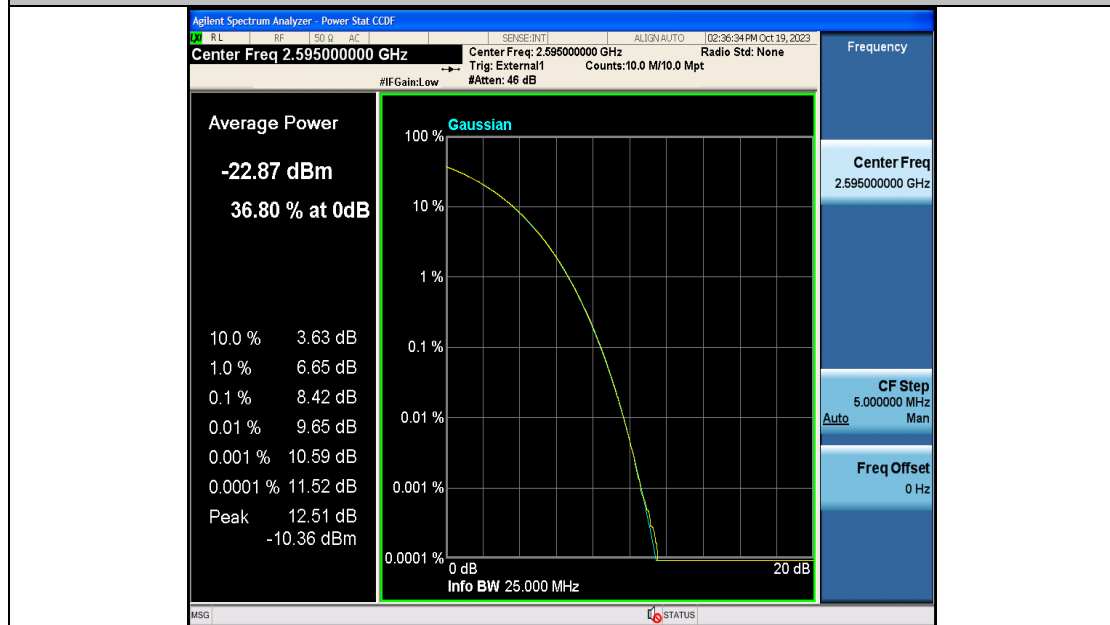
Band38-10MHz-QPSK-37800-50RB#0-PASS



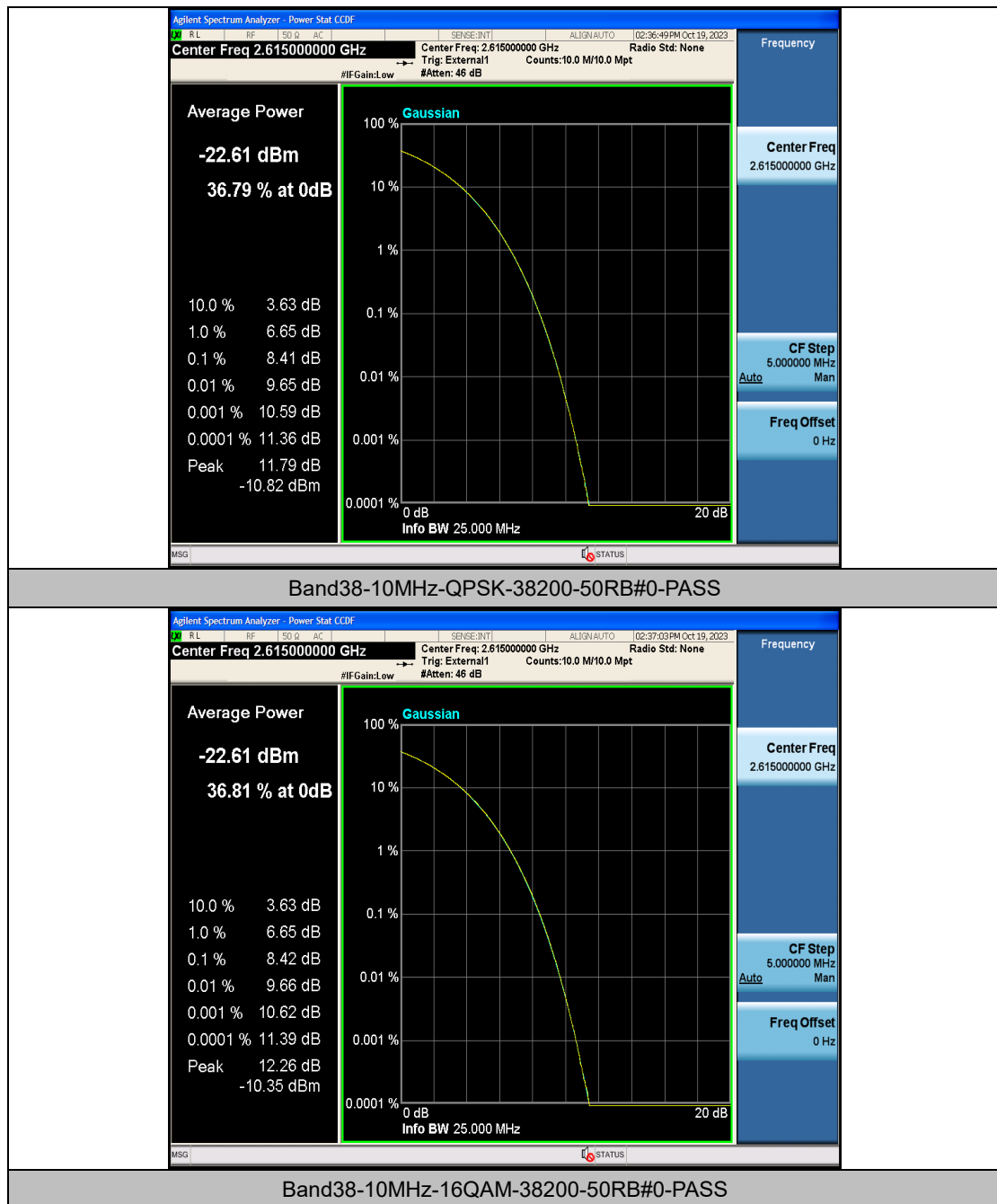
Band38-10MHz-16QAM-37800-50RB#0-PASS

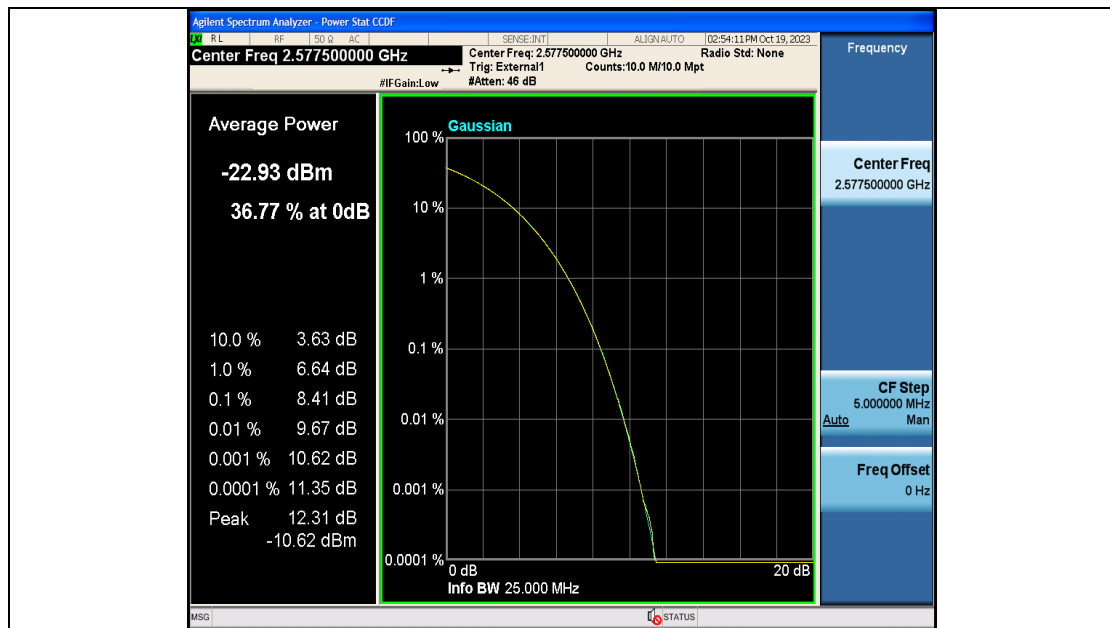


Band38-10MHz-QPSK-38000-50RB#0-PASS

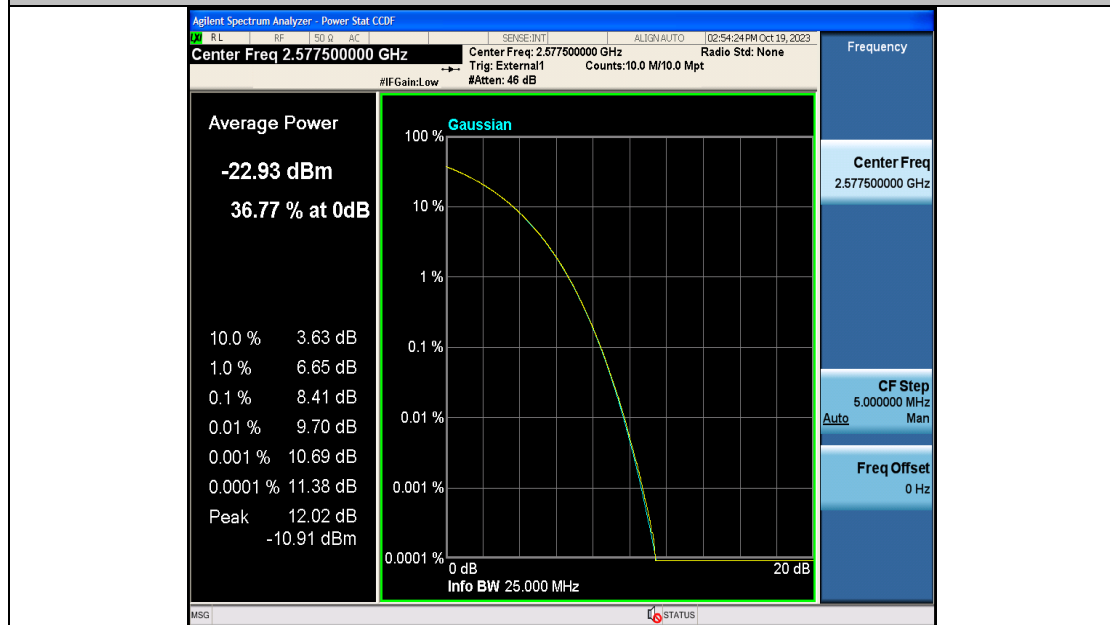


Band38-10MHz-16QAM-38000-50RB#0-PASS

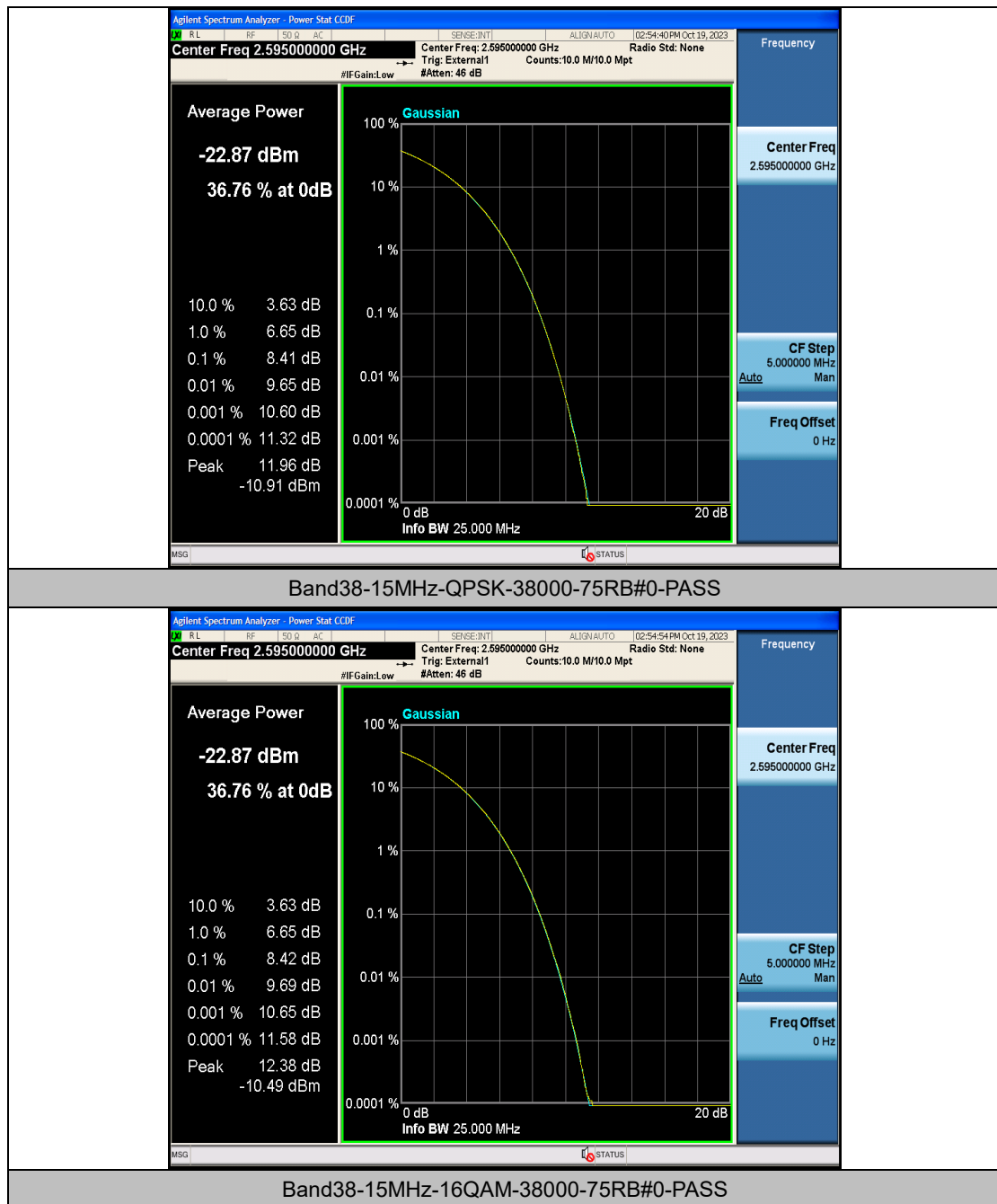


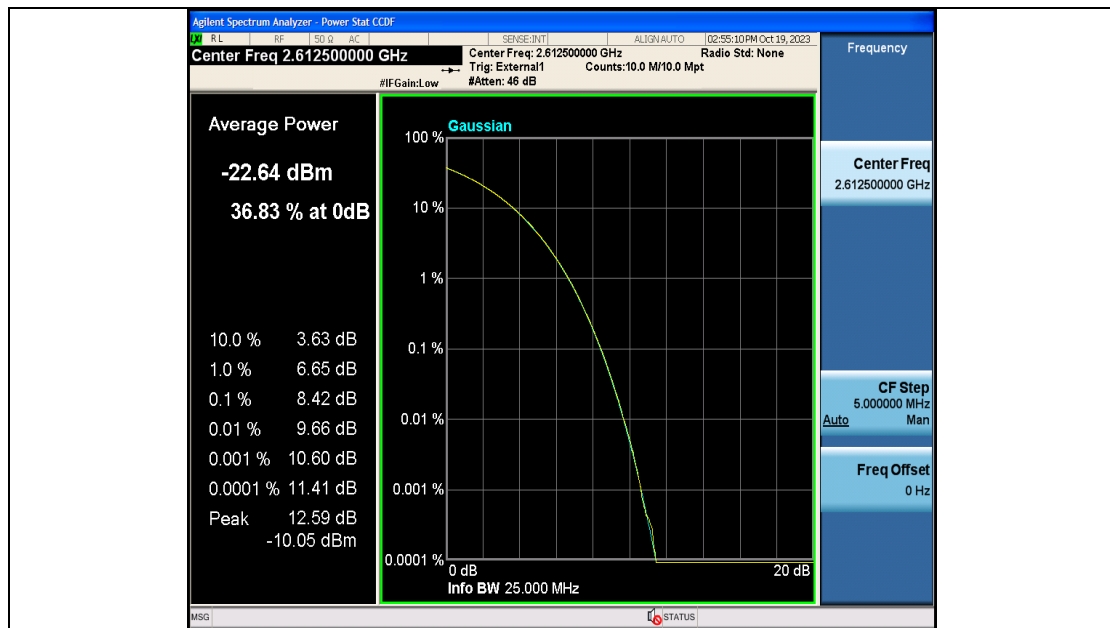


Band38-15MHz-QPSK-37825-75RB#0-PASS

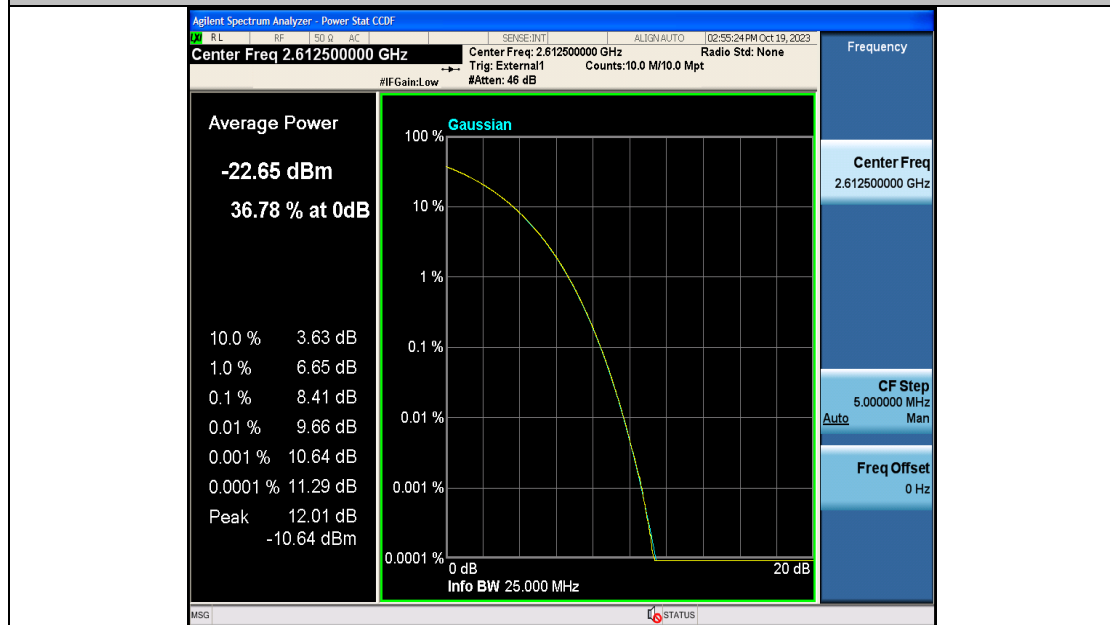


Band38-15MHz-16QAM-37825-75RB#0-PASS

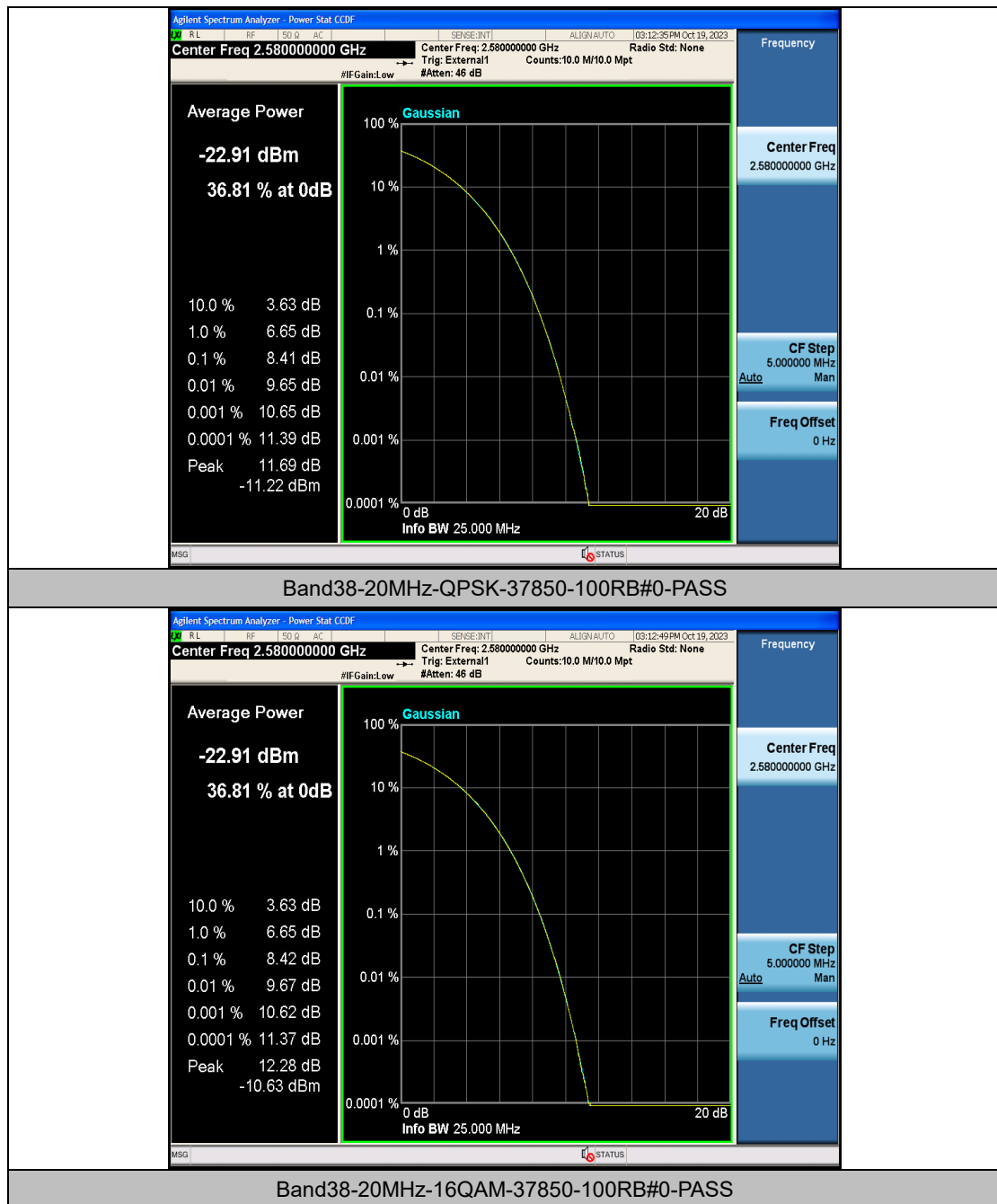


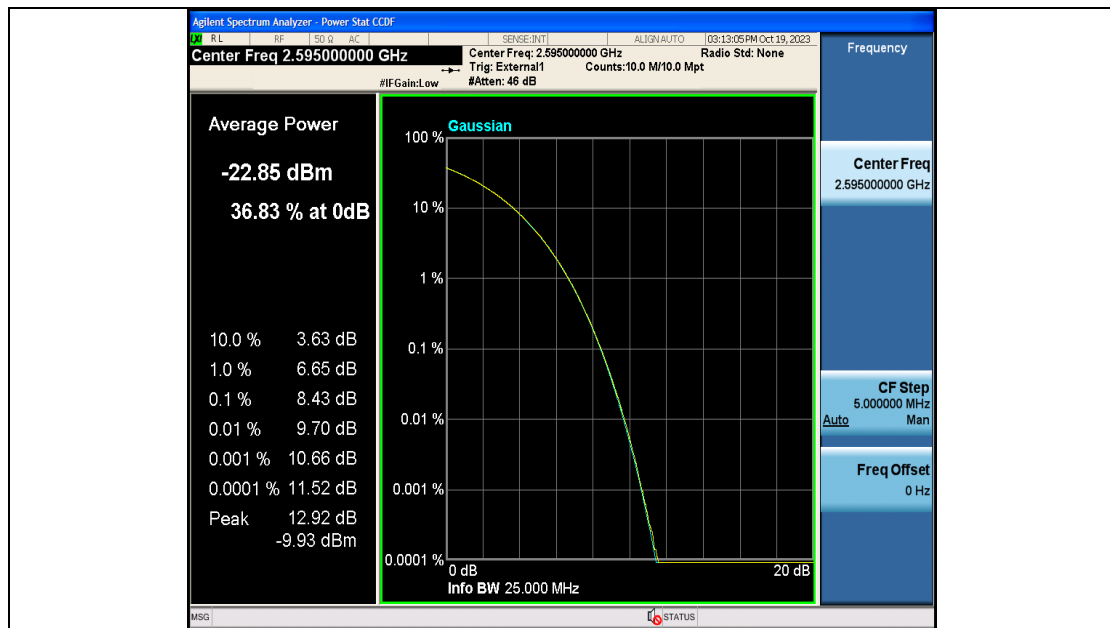


Band38-15MHz-QPSK-38175-75RB#0-PASS

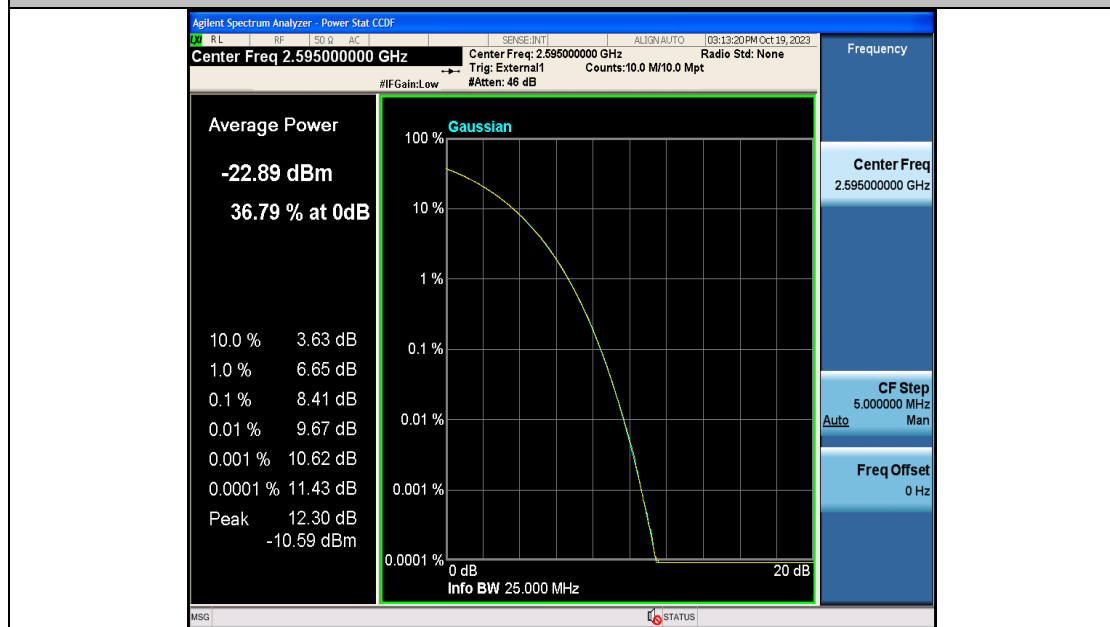


Band38-15MHz-16QAM-38175-75RB#0-PASS

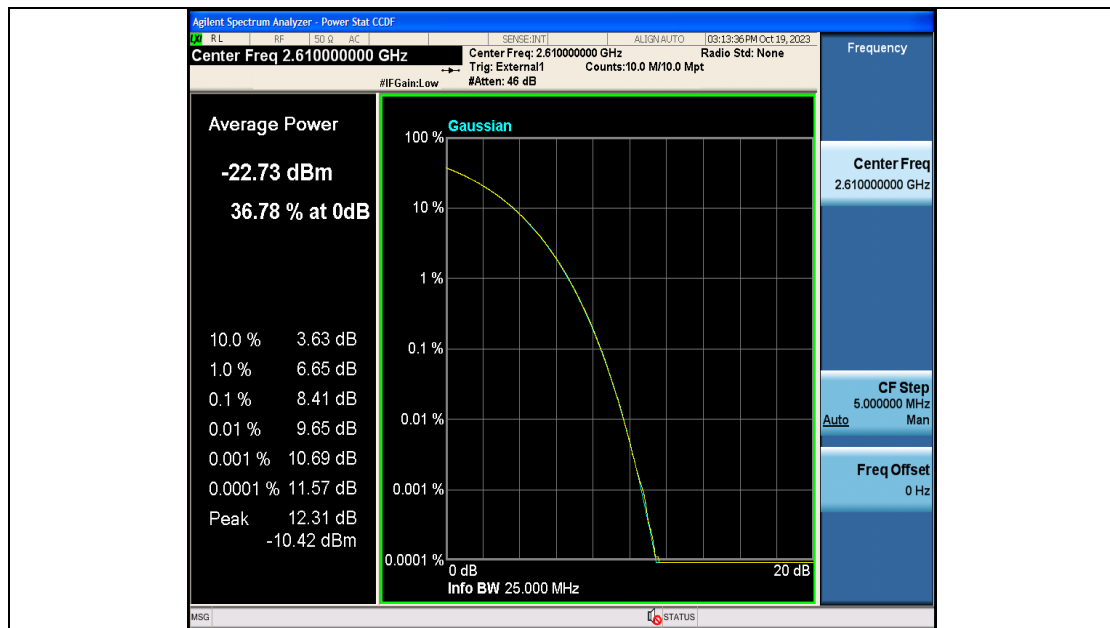




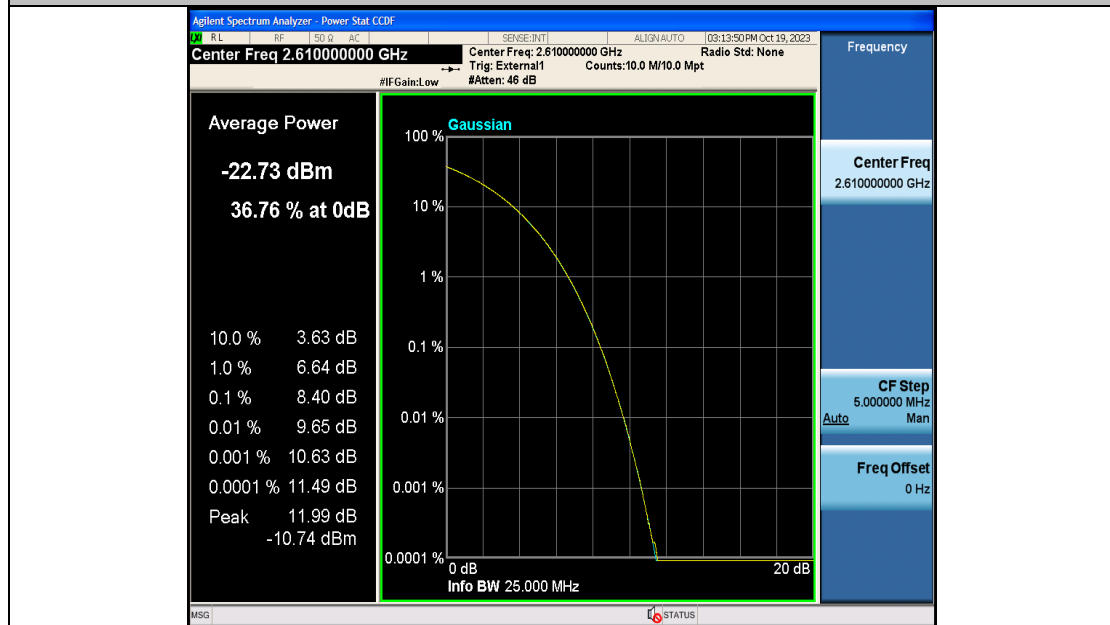
Band38-20MHz-QPSK-38000-100RB#0-PASS



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



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



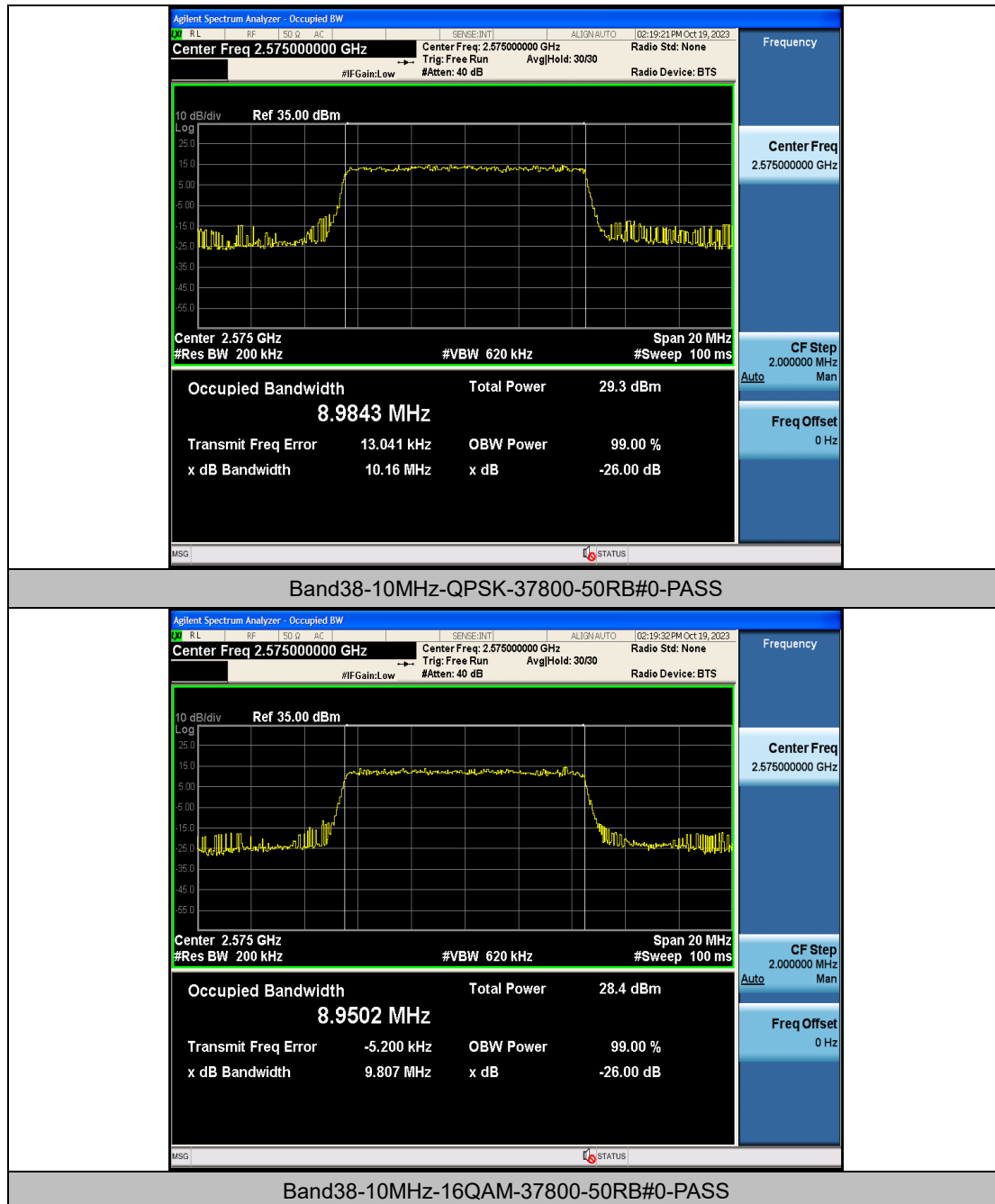
Band38-20MHz-16QAM-38150-100RB#0-PASS

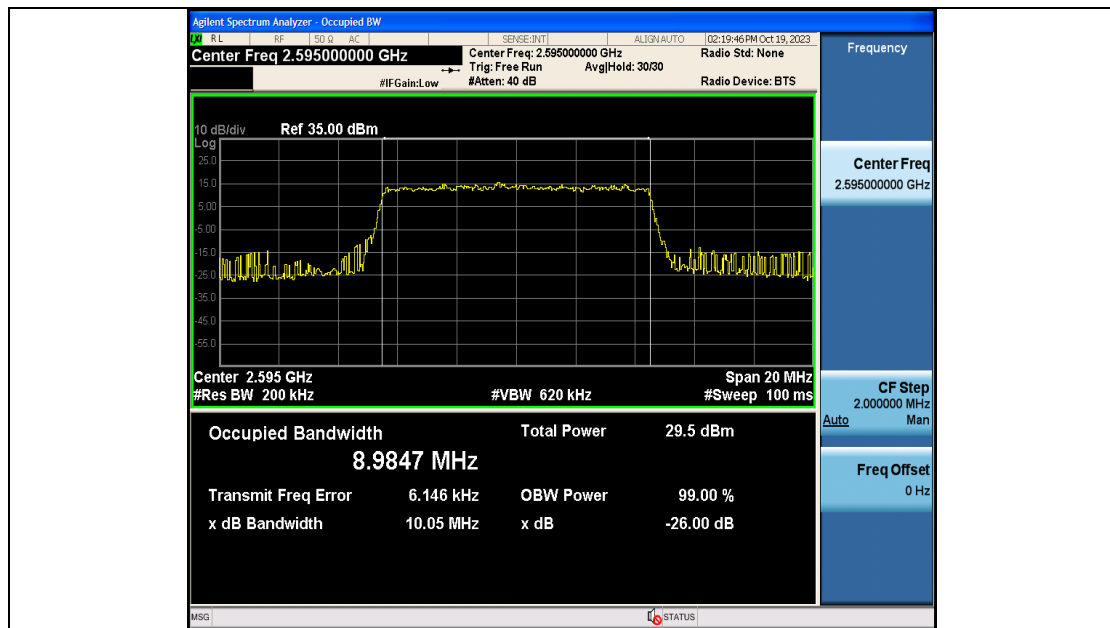
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

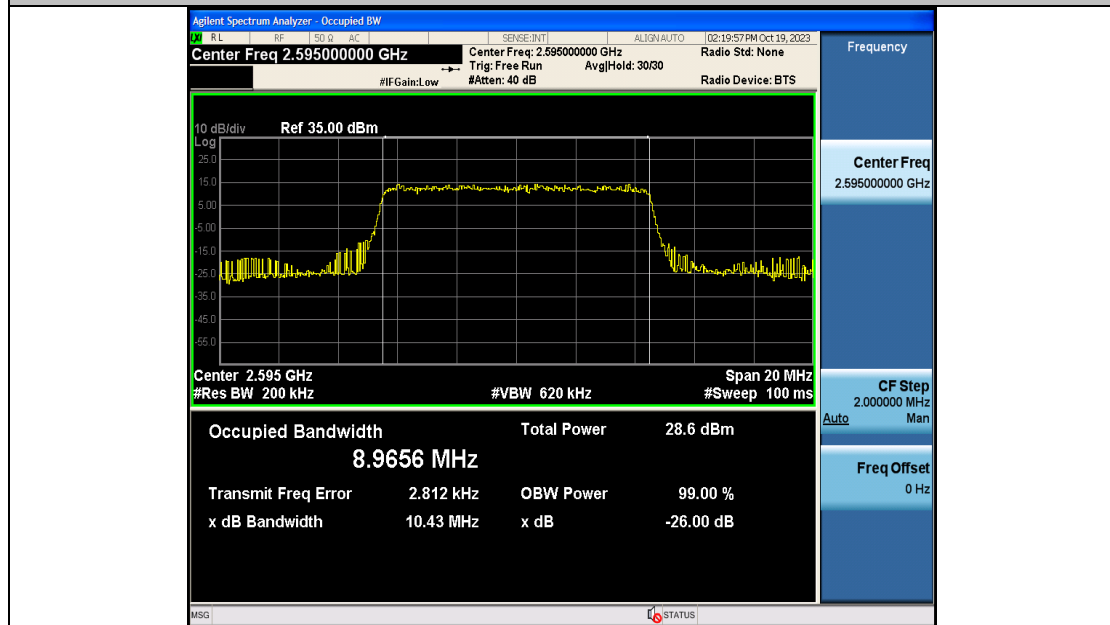
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	10MHz	QPSK	37800	50RB#0	8.9843	10.16	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9502	9.807	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9847	10.05	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9656	10.43	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9692	10.10	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9698	14.62	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.445	14.80	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.442	14.69	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.464	14.74	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.436	14.66	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.423	15.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.454	15.11	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.926	19.28	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.921	19.37	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.885	19.29	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.881	19.38	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.861	20.22	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.944	19.89	PASS
Band38	5MHz	QPSK	37775	25RB#0	4.5168	5.153	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4978	5.711	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5081	5.133	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4967	5.683	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5069	5.614	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5057	5.582	PASS

Test Graphs

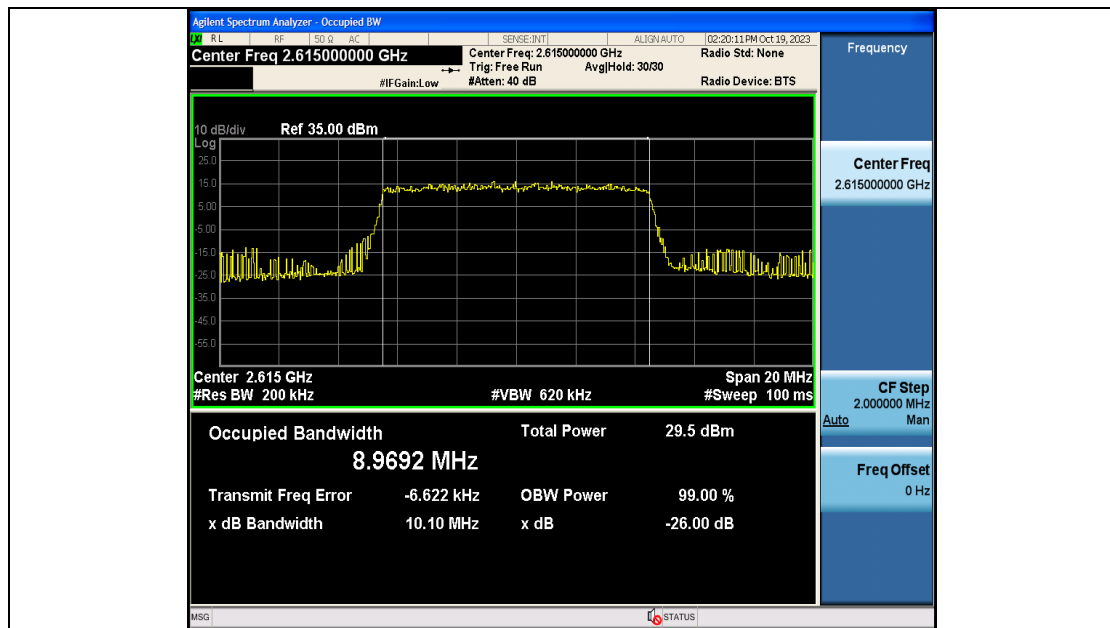




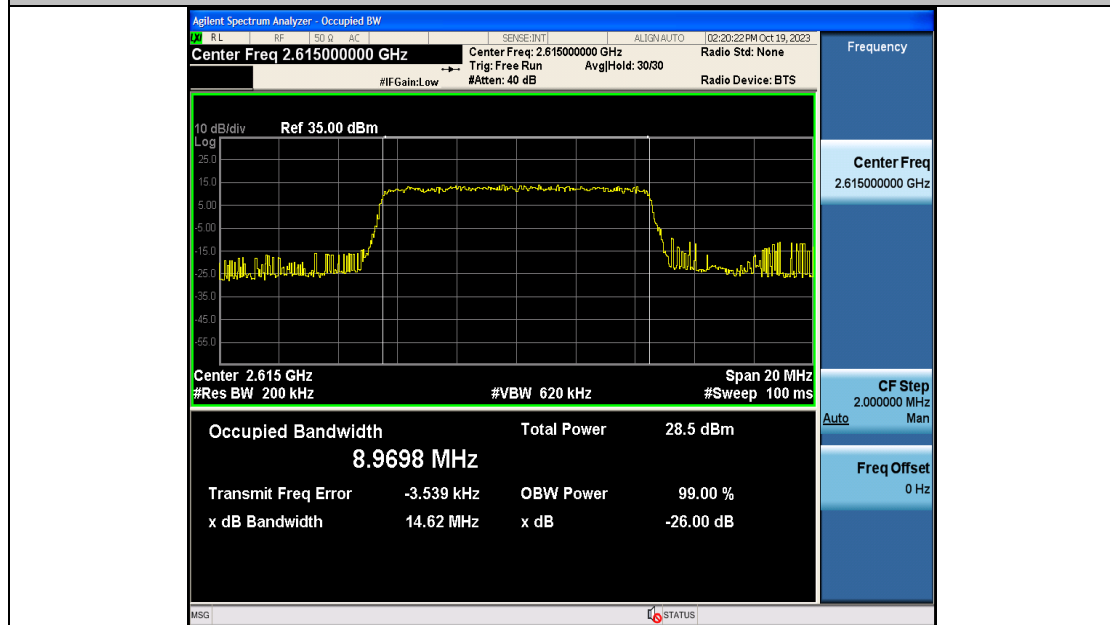
Band38-10MHz-QPSK-38000-50RB#0-PASS



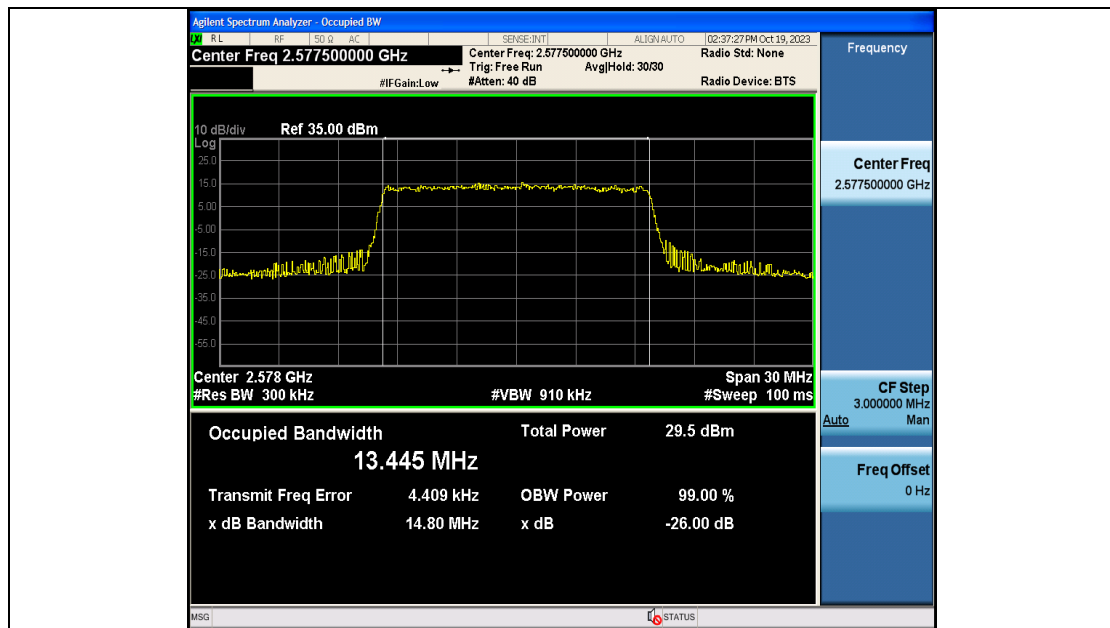
Band38-10MHz-16QAM-38000-50RB#0-PASS



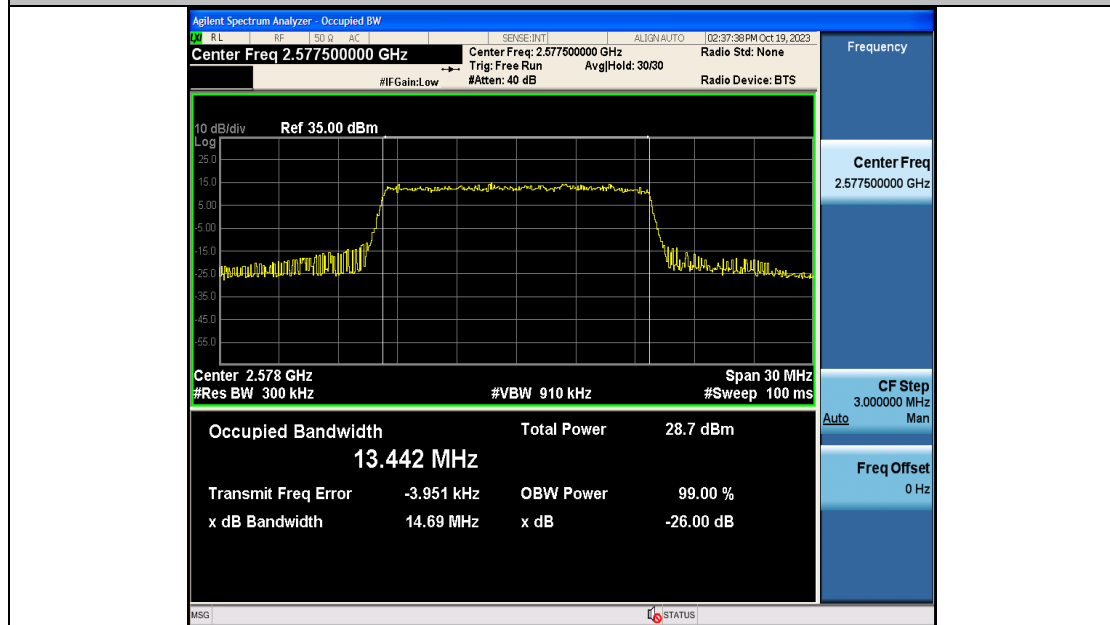
Band38-10MHz-QPSK-38200-50RB#0-PASS



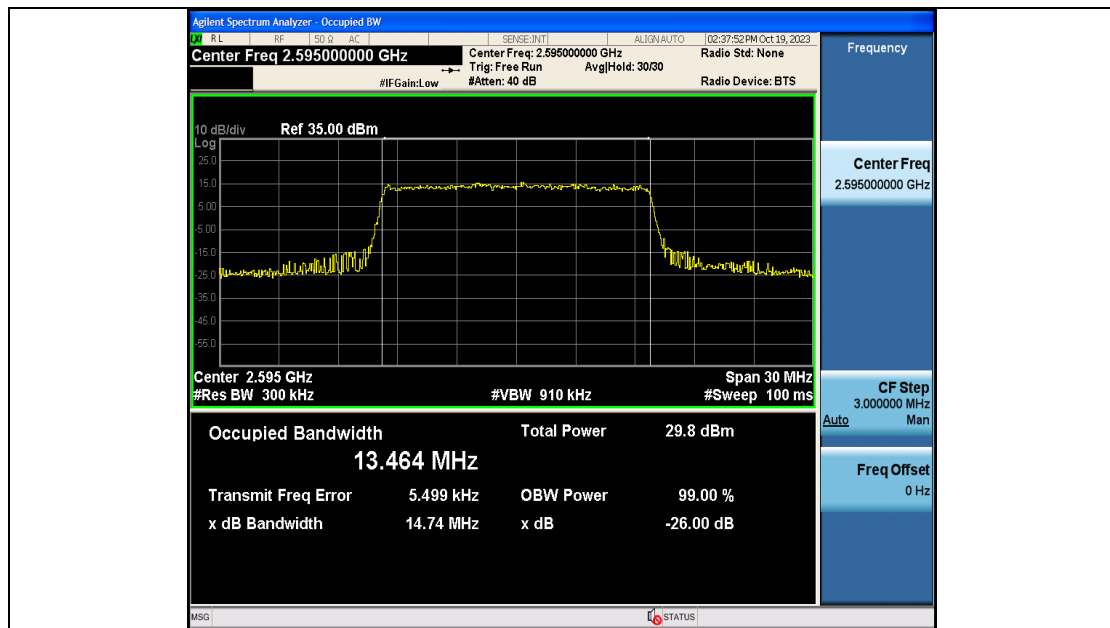
Band38-10MHz-16QAM-38200-50RB#0-PASS



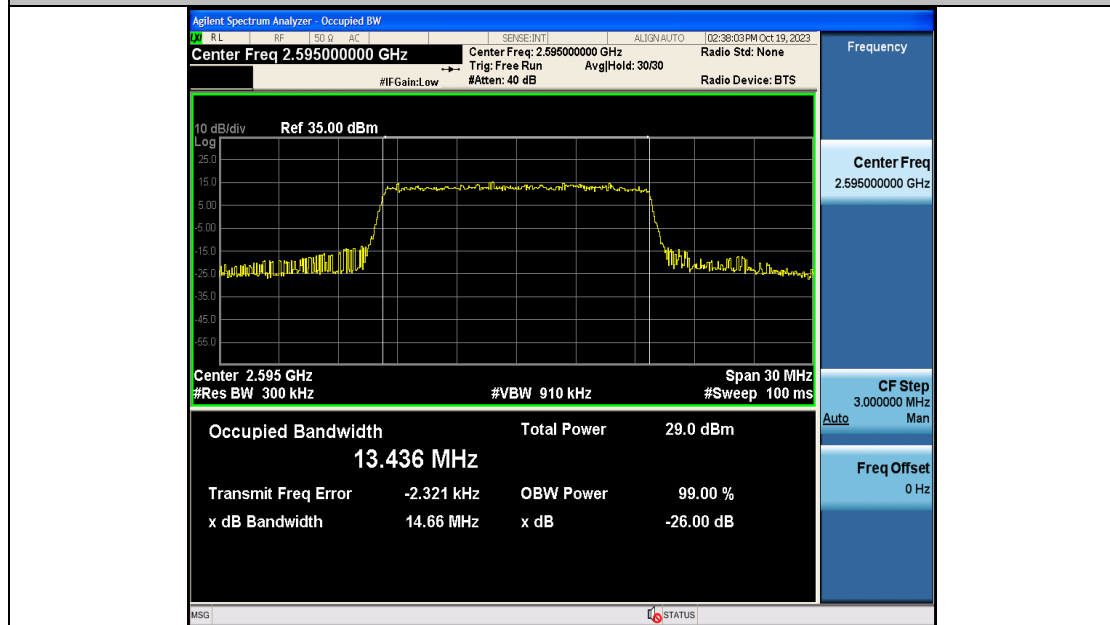
Band38-15MHz-QPSK-37825-75RB#0-PASS



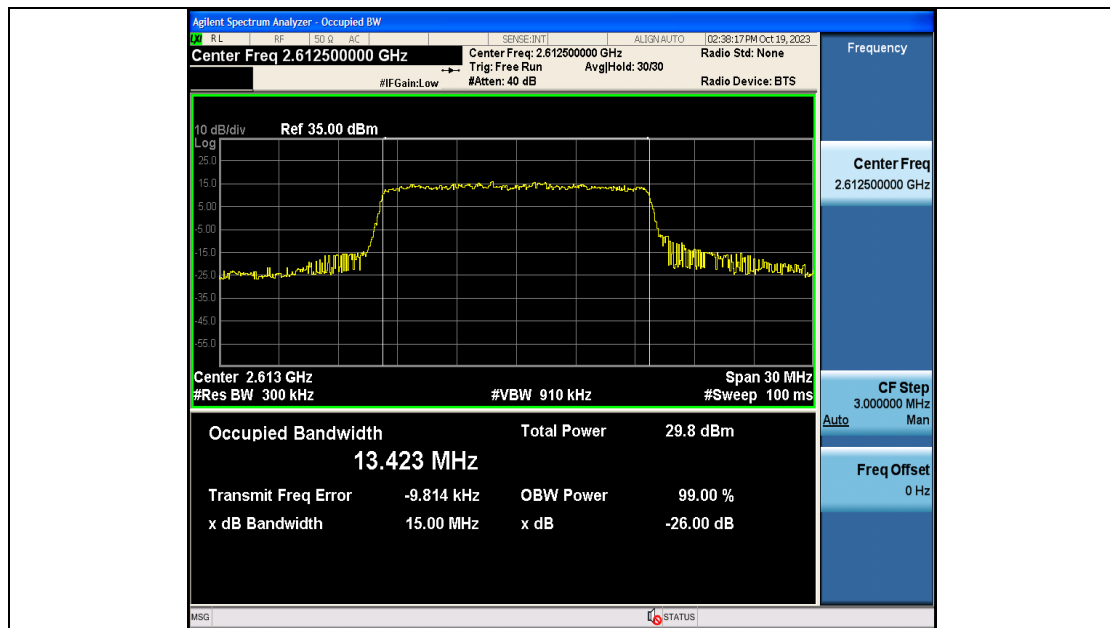
Band38-15MHz-16QAM-37825-75RB#0-PASS



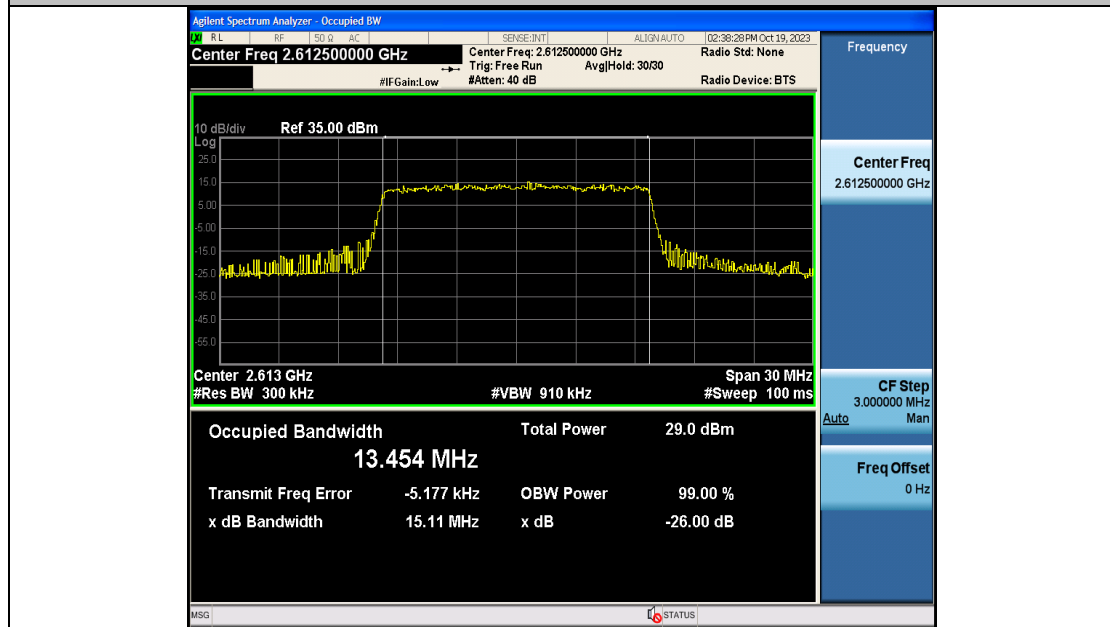
Band38-15MHz-QPSK-38000-75RB#0-PASS



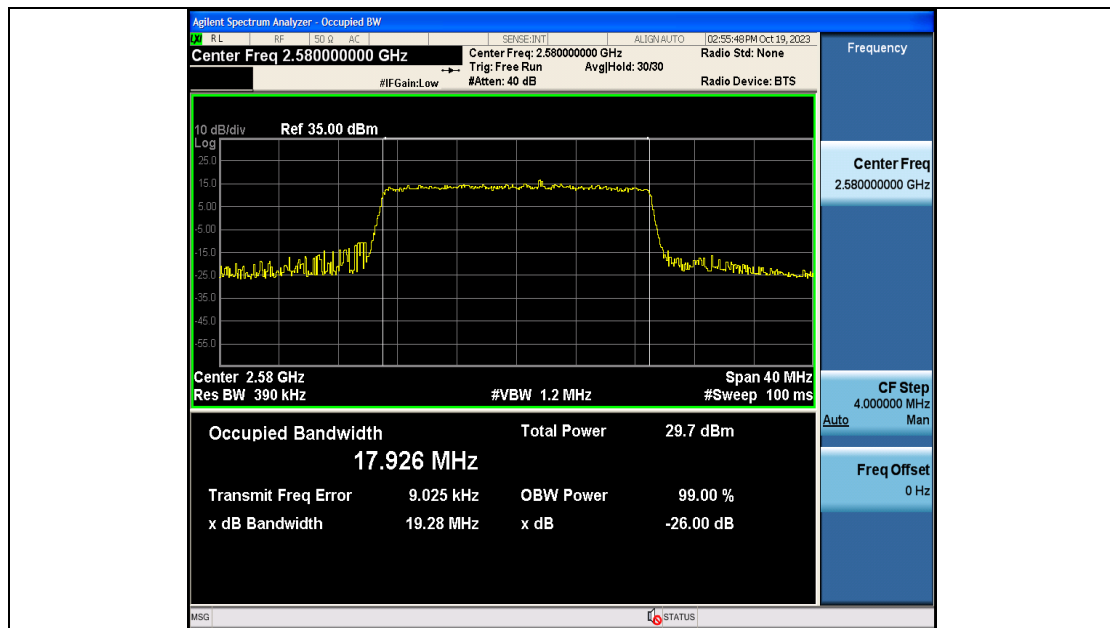
Band38-15MHz-16QAM-38000-75RB#0-PASS



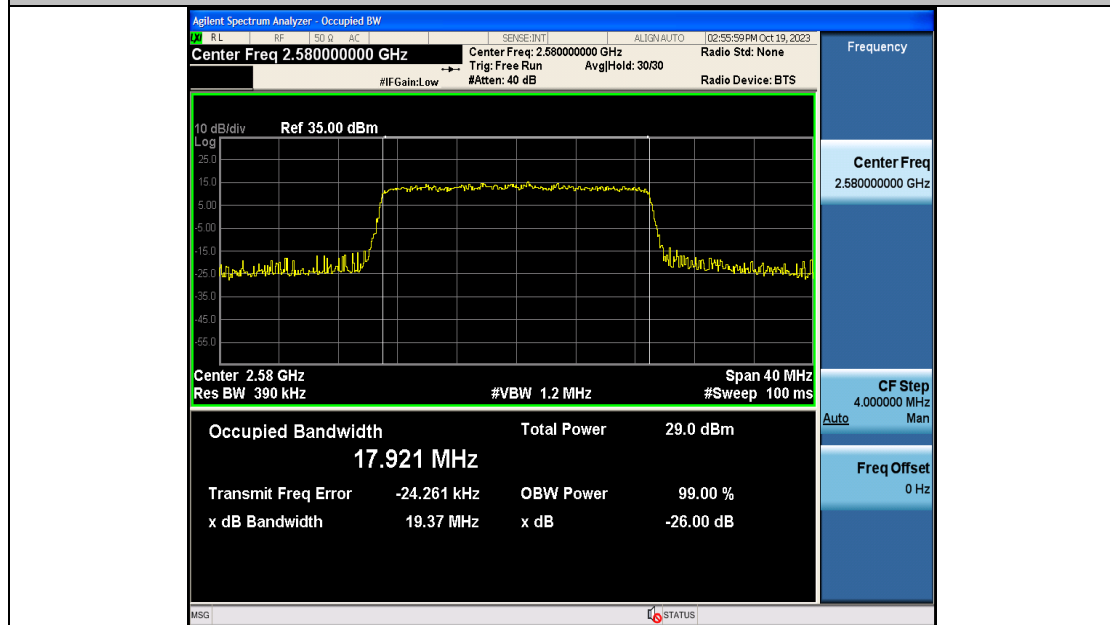
Band38-15MHz-QPSK-38175-75RB#0-PASS



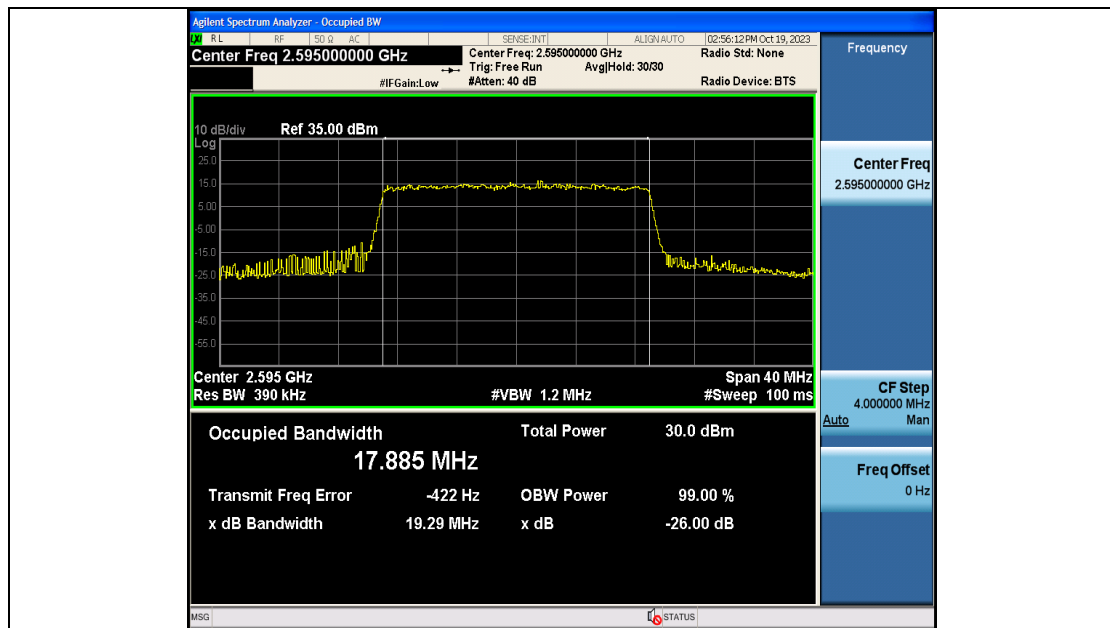
Band38-15MHz-16QAM-38175-75RB#0-PASS



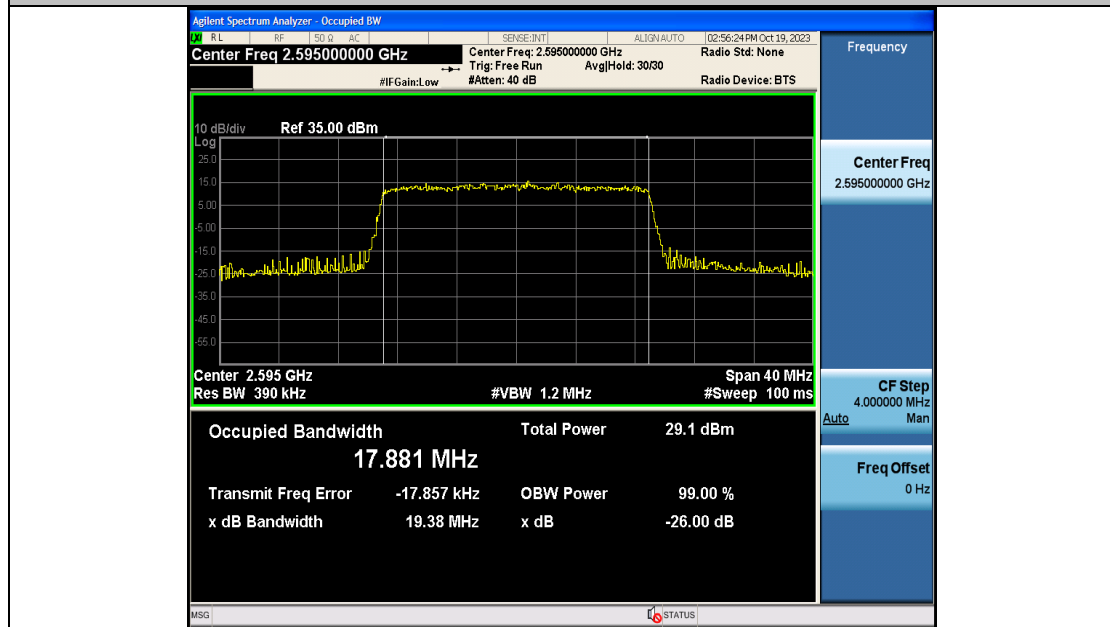
Band38-20MHz-QPSK-37850-100RB#0-PASS



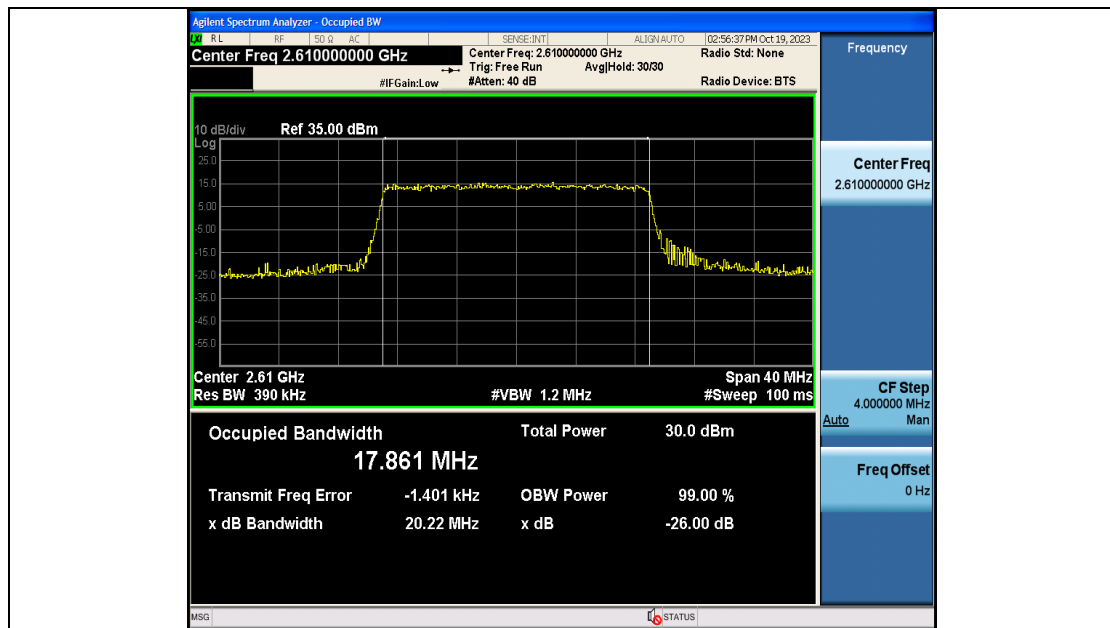
Band38-20MHz-16QAM-37850-100RB#0-PASS



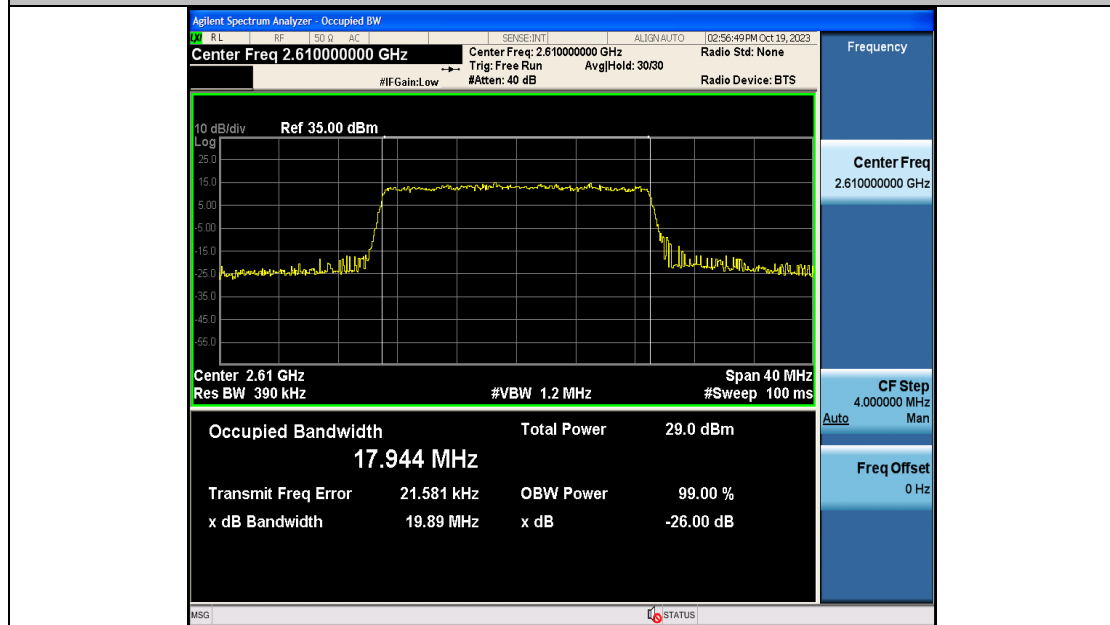
Band38-20MHz-QPSK-38000-100RB#0-PASS



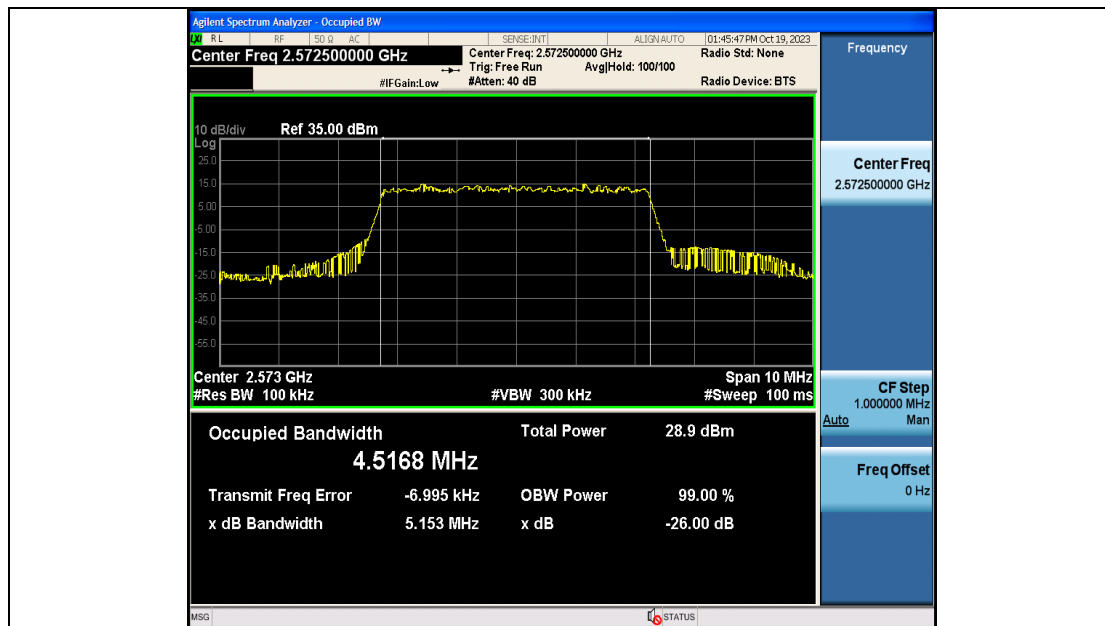
Band38-20MHz-16QAM-38000-100RB#0-PASS



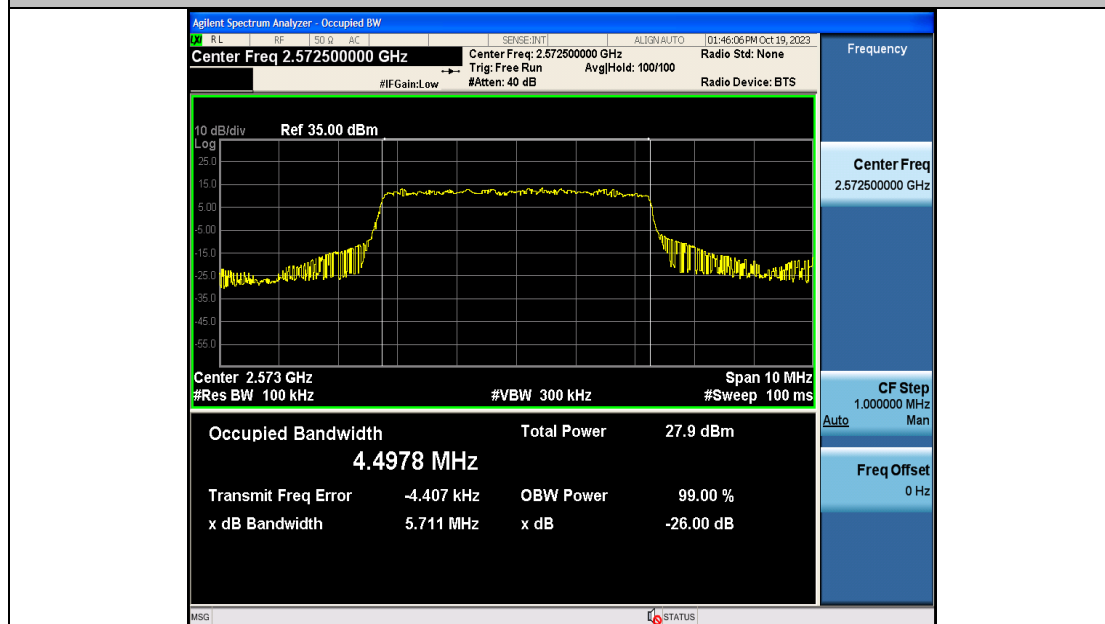
Band38-20MHz-QPSK-38150-100RB#0-PASS



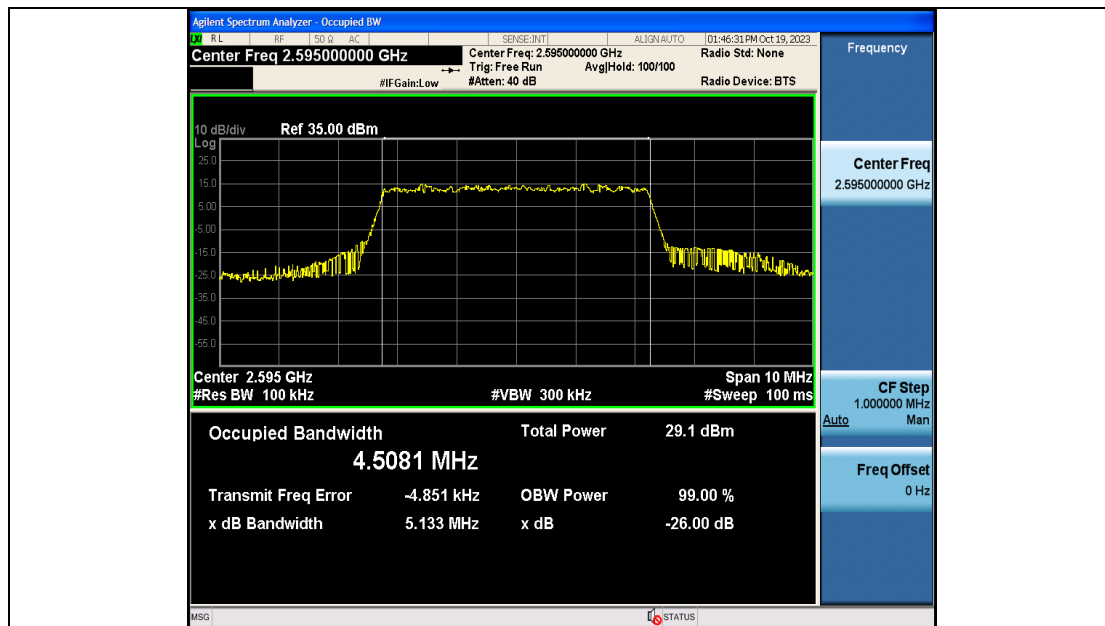
Band38-20MHz-16QAM-38150-100RB#0-PASS



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



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



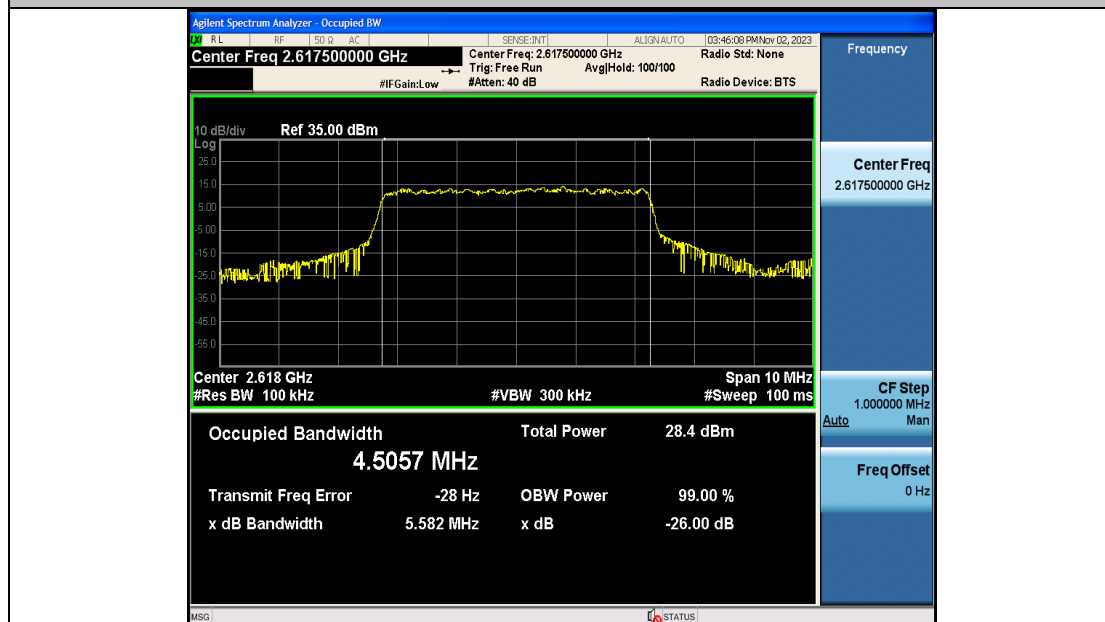
Band38-5MHz-QPSK-38000-25RB#0-PASS



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



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



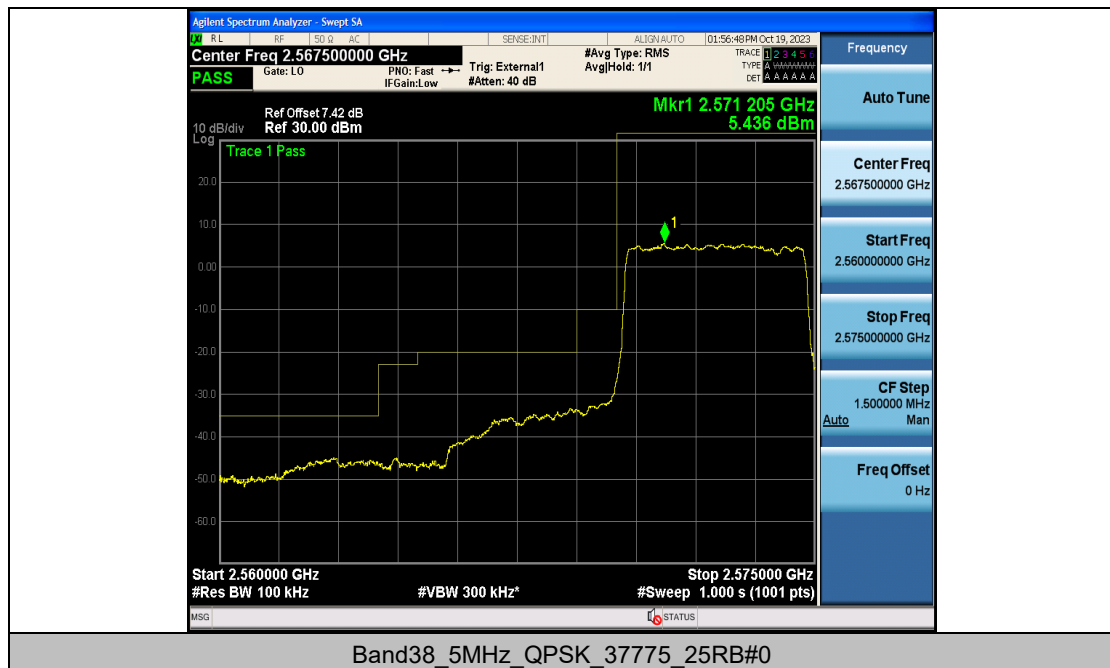
Band38-5MHz-16QAM-38225-25RB#0-PASS

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-44.89	PASS
Band38	5MHz	16QAM	37775	25RB#0	-46.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	-43.03	PASS
Band38	5MHz	16QAM	38225	25RB#0	-43.64	PASS
Band38	10MHz	QPSK	37800	50RB#0	-43.63	PASS
Band38	10MHz	16QAM	37800	50RB#0	-44.04	PASS
Band38	10MHz	QPSK	38200	50RB#0	-40.97	PASS
Band38	10MHz	16QAM	38200	50RB#0	-41.38	PASS
Band38	15MHz	QPSK	37825	75RB#0	-41.36	PASS
Band38	15MHz	16QAM	37825	75RB#0	-42.26	PASS
Band38	15MHz	QPSK	38175	75RB#0	-38.90	PASS
Band38	15MHz	16QAM	38175	75RB#0	-39.98	PASS
Band38	20MHz	QPSK	37850	100RB#0	-41.92	PASS
Band38	20MHz	16QAM	37850	100RB#0	-42.17	PASS
Band38	20MHz	QPSK	38150	100RB#0	-40.14	PASS
Band38	20MHz	16QAM	38150	100RB#0	-40.34	PASS

Test Graphs





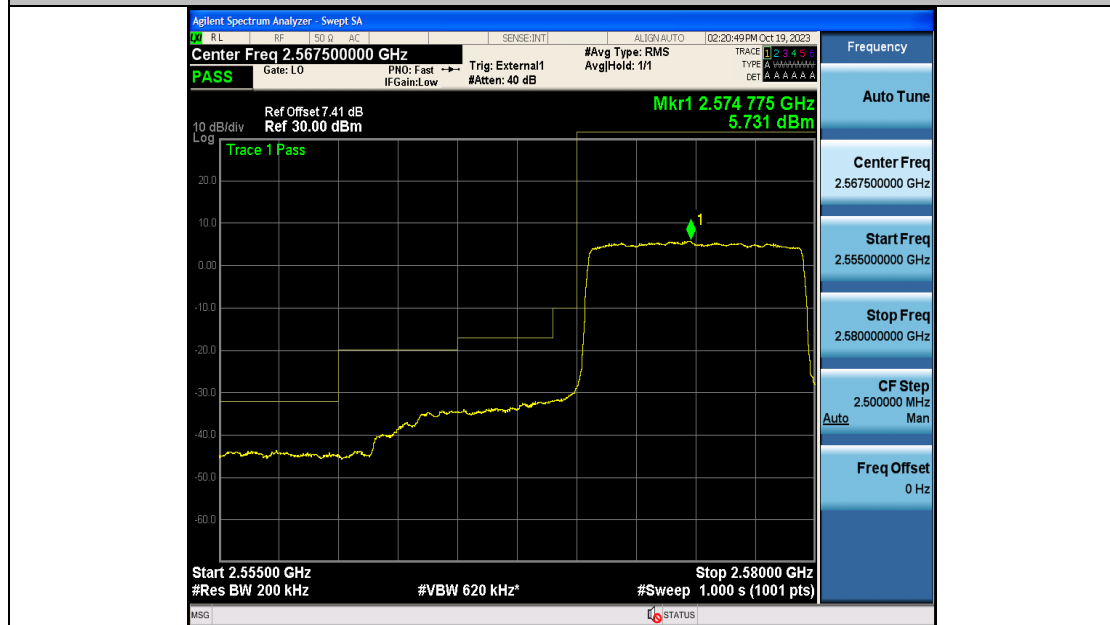
Band38_5MHz_16QAM_37775_25RB#0



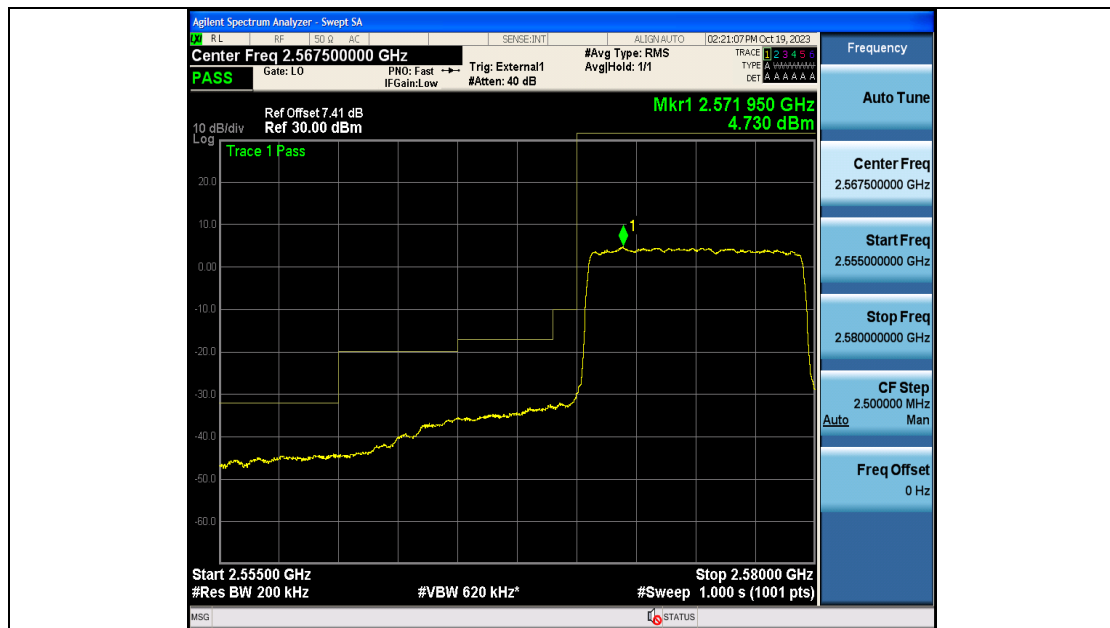
Band38_5MHz_QPSK_38225_25RB#0



Band38_5MHz_16QAM_38225_25RB#0



Band38_10MHz_QPSK_37800_50RB#0



Band38_10MHz_16QAM_37800_50RB#0



Band38_10MHz_QPSK_38200_50RB#0



Band38_10MHz_16QAM_38200_50RB#0



Band38_15MHz_QPSK_37825_75RB#0



Band38_15MHz_16QAM_37825_75RB#0



Band38_15MHz_QPSK_38175_75RB#0



Band38_15MHz_16QAM_38175_75RB#0



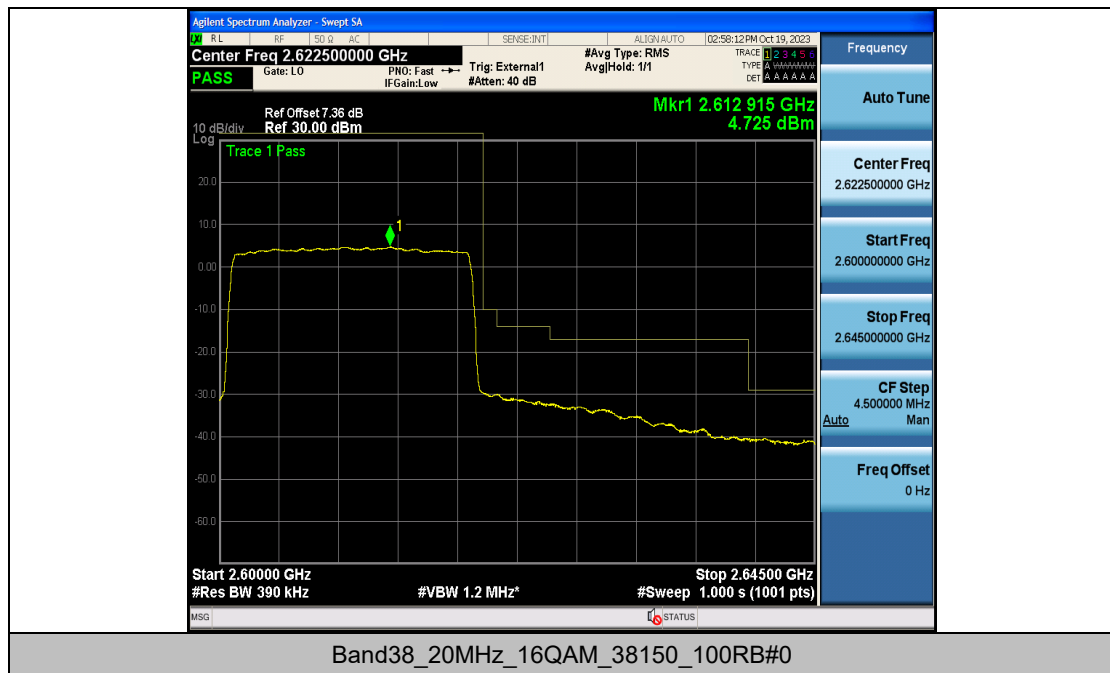
Band38_20MHz_QPSK_37850_100RB#0



Band38_20MHz_16QAM_37850_100RB#0



Band38_20MHz_QPSK_38150_100RB#0



Appendix E: Conducted Spurious Emission

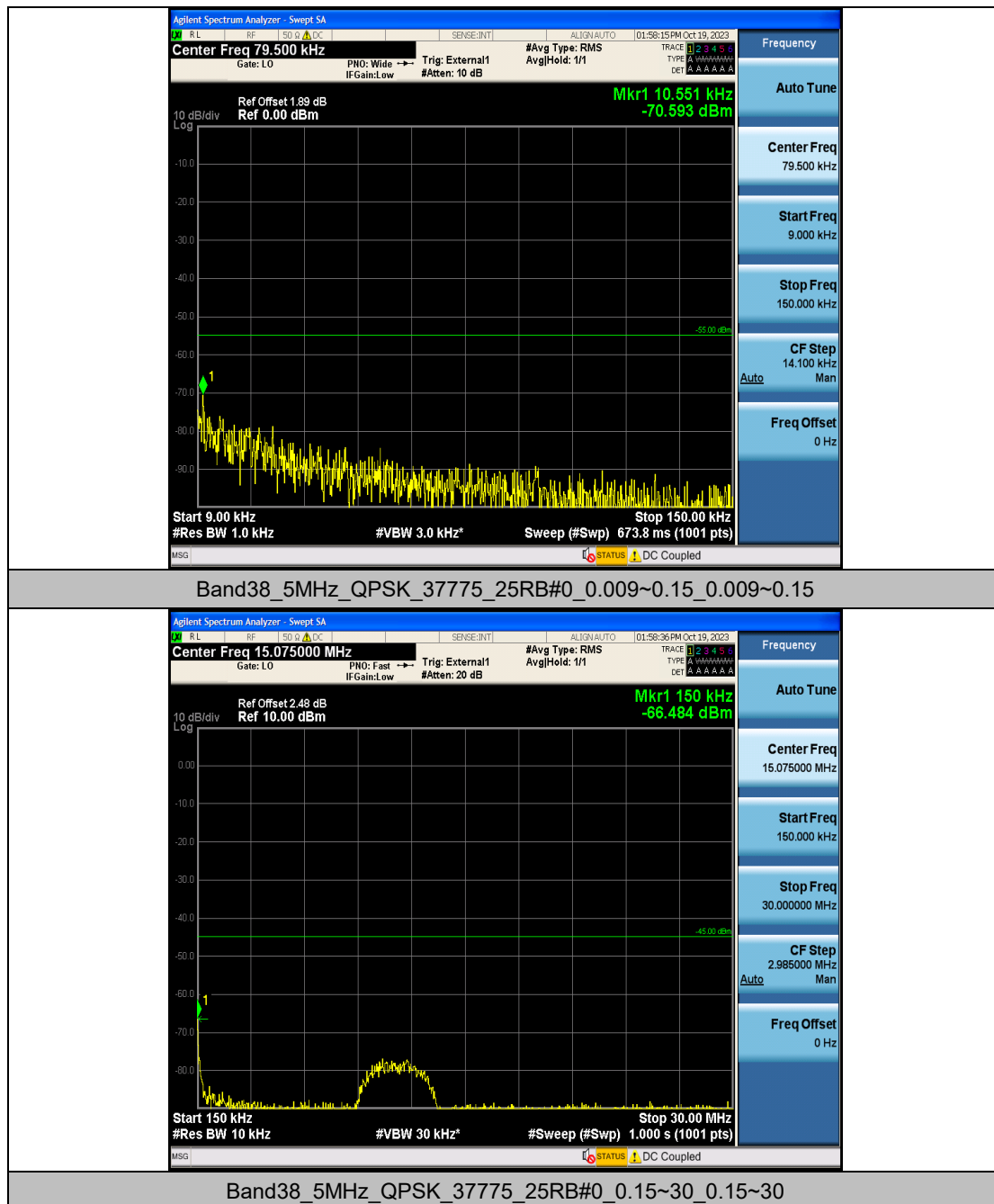
Test Result

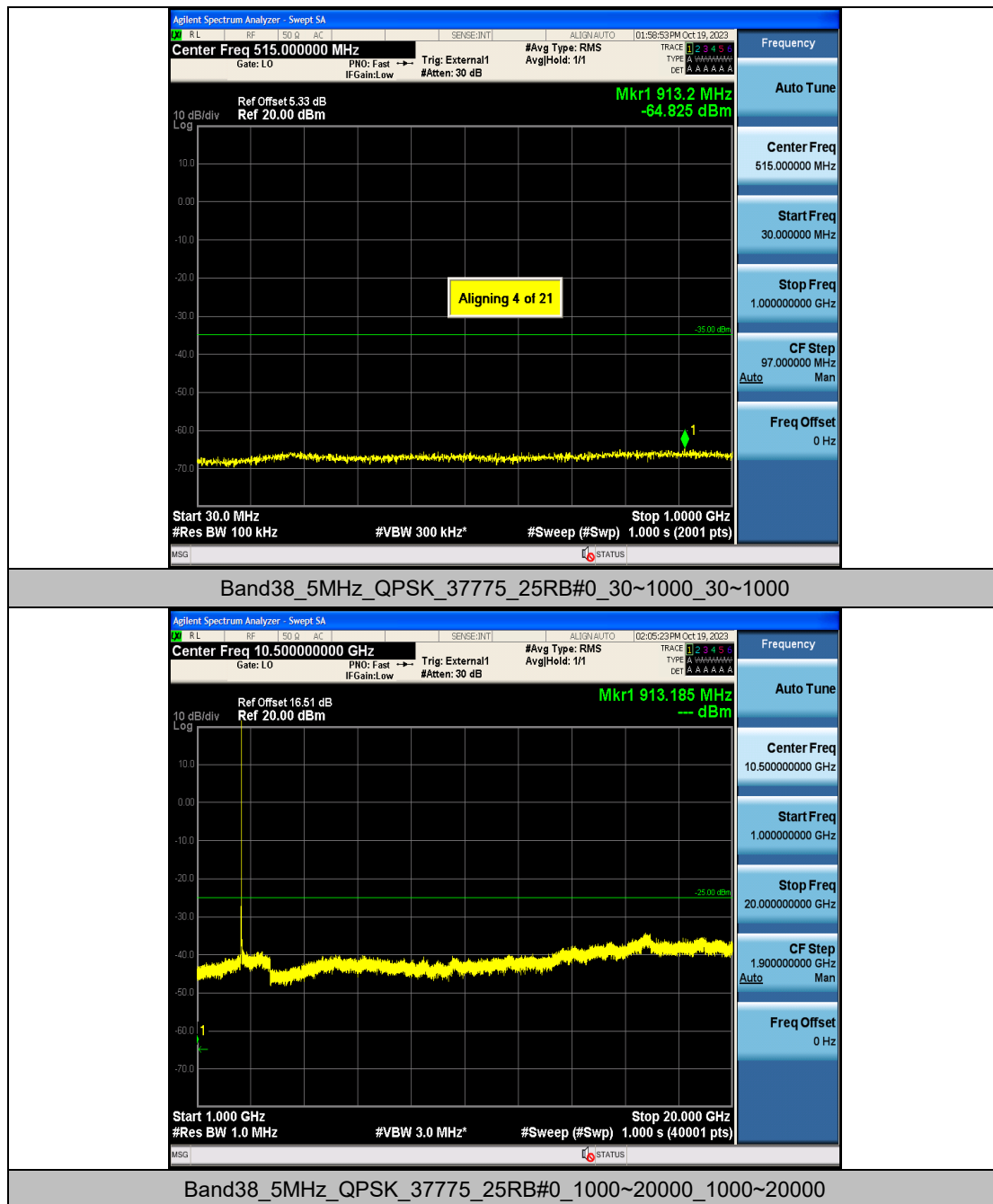
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	0.009~0.15	-70.59	PASS
Band38	5MHz	QPSK	37775	25RB#0	0.15~30	-66.48	PASS
Band38	5MHz	QPSK	37775	25RB#0	30~1000	-64.83	PASS
Band38	5MHz	QPSK	37775	25RB#0	1000~20000	0.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	20000~27000	-27.92	PASS
Band38	5MHz	16QAM	37775	25RB#0	0.009~0.15	-72.92	PASS
Band38	5MHz	16QAM	37775	25RB#0	0.15~30	-64.57	PASS
Band38	5MHz	16QAM	37775	25RB#0	30~1000	-64.55	PASS
Band38	5MHz	16QAM	37775	25RB#0	1000~20000	-33.32	PASS
Band38	5MHz	16QAM	37775	25RB#0	20000~27000	-27.51	PASS
Band38	5MHz	QPSK	38000	25RB#0	0.009~0.15	-73.39	PASS
Band38	5MHz	QPSK	38000	25RB#0	0.15~30	-67.34	PASS
Band38	5MHz	QPSK	38000	25RB#0	30~1000	-64.86	PASS
Band38	5MHz	QPSK	38000	25RB#0	1000~20000	-29.41	PASS
Band38	5MHz	QPSK	38000	25RB#0	20000~27000	-27.83	PASS
Band38	5MHz	16QAM	38000	25RB#0	0.009~0.15	-73.52	PASS
Band38	5MHz	16QAM	38000	25RB#0	0.15~30	-68.70	PASS
Band38	5MHz	16QAM	38000	25RB#0	30~1000	-64.65	PASS
Band38	5MHz	16QAM	38000	25RB#0	1000~20000	-32.17	PASS
Band38	5MHz	16QAM	38000	25RB#0	20000~27000	-27.59	PASS
Band38	5MHz	QPSK	38225	25RB#0	0.009~0.15	-72.09	PASS
Band38	5MHz	QPSK	38225	25RB#0	0.15~30	-65.59	PASS
Band38	5MHz	QPSK	38225	25RB#0	30~1000	-64.77	PASS
Band38	5MHz	QPSK	38225	25RB#0	1000~20000	-28.55	PASS
Band38	5MHz	QPSK	38225	25RB#0	20000~27000	-27.88	PASS
Band38	5MHz	16QAM	38225	25RB#0	0.009~0.15	-74.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	0.15~30	-66.17	PASS
Band38	5MHz	16QAM	38225	25RB#0	30~1000	-64.86	PASS
Band38	5MHz	16QAM	38225	25RB#0	1000~20000	-31.16	PASS
Band38	5MHz	16QAM	38225	25RB#0	20000~27000	-27.83	PASS
Band38	10MHz	QPSK	37800	50RB#0	0.009~0.15	-71.41	PASS
Band38	10MHz	QPSK	37800	50RB#0	0.15~30	-64.65	PASS
Band38	10MHz	QPSK	37800	50RB#0	30~1000	-64.46	PASS
Band38	10MHz	QPSK	37800	50RB#0	1000~20000	-32.45	PASS
Band38	10MHz	QPSK	37800	50RB#0	20000~27000	-27.68	PASS
Band38	10MHz	16QAM	37800	50RB#0	0.009~0.15	-73.07	PASS

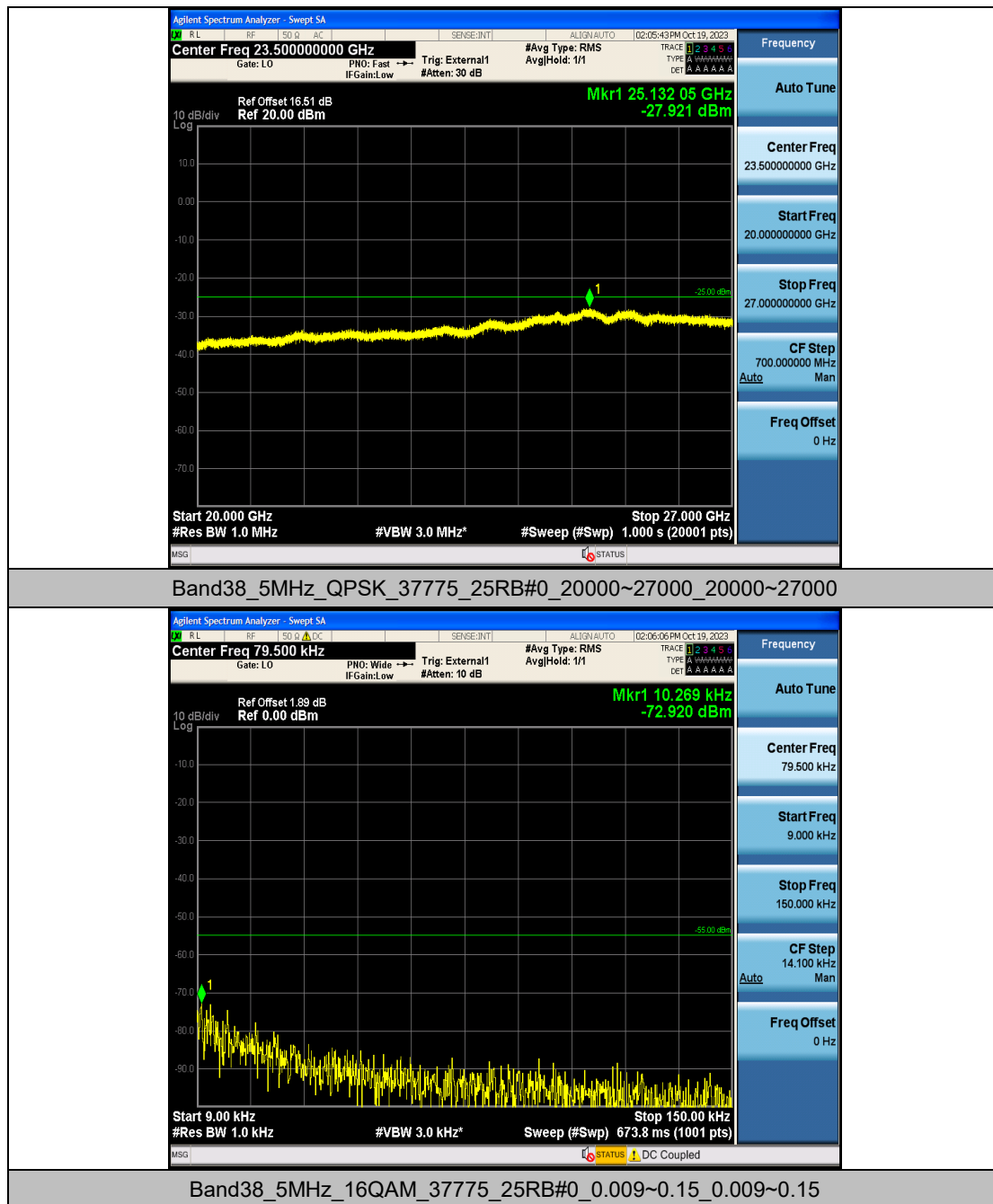
Band38	10MHz	16QAM	37800	50RB#0	0.15~30	-68.55	PASS
Band38	10MHz	16QAM	37800	50RB#0	30~1000	-64.72	PASS
Band38	10MHz	16QAM	37800	50RB#0	1000~20000	-34.22	PASS
Band38	10MHz	16QAM	37800	50RB#0	20000~27000	-27.43	PASS
Band38	10MHz	QPSK	38000	50RB#0	0.009~0.15	-75.89	PASS
Band38	10MHz	QPSK	38000	50RB#0	0.15~30	-68.15	PASS
Band38	10MHz	QPSK	38000	50RB#0	30~1000	-64.18	PASS
Band38	10MHz	QPSK	38000	50RB#0	1000~20000	-32.25	PASS
Band38	10MHz	QPSK	38000	50RB#0	20000~27000	-27.65	PASS
Band38	10MHz	16QAM	38000	50RB#0	0.009~0.15	-73.29	PASS
Band38	10MHz	16QAM	38000	50RB#0	0.15~30	-65.93	PASS
Band38	10MHz	16QAM	38000	50RB#0	30~1000	-64.72	PASS
Band38	10MHz	16QAM	38000	50RB#0	1000~20000	-34.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	20000~27000	-27.66	PASS
Band38	10MHz	QPSK	38200	50RB#0	0.009~0.15	-72.87	PASS
Band38	10MHz	QPSK	38200	50RB#0	0.15~30	-64.88	PASS
Band38	10MHz	QPSK	38200	50RB#0	30~1000	-64.66	PASS
Band38	10MHz	QPSK	38200	50RB#0	1000~20000	-31.66	PASS
Band38	10MHz	QPSK	38200	50RB#0	20000~27000	-27.58	PASS
Band38	10MHz	16QAM	38200	50RB#0	0.009~0.15	-74.35	PASS
Band38	10MHz	16QAM	38200	50RB#0	0.15~30	-68.96	PASS
Band38	10MHz	16QAM	38200	50RB#0	30~1000	-64.36	PASS
Band38	10MHz	16QAM	38200	50RB#0	1000~20000	-33.90	PASS
Band38	10MHz	16QAM	38200	50RB#0	20000~27000	-27.74	PASS
Band38	15MHz	QPSK	37825	75RB#0	0.009~0.15	-74.42	PASS
Band38	15MHz	QPSK	37825	75RB#0	0.15~30	-67.12	PASS
Band38	15MHz	QPSK	37825	75RB#0	30~1000	-64.58	PASS
Band38	15MHz	QPSK	37825	75RB#0	1000~20000	-32.35	PASS
Band38	15MHz	QPSK	37825	75RB#0	20000~27000	-27.71	PASS
Band38	15MHz	16QAM	37825	75RB#0	0.009~0.15	-73.43	PASS
Band38	15MHz	16QAM	37825	75RB#0	0.15~30	-66.58	PASS
Band38	15MHz	16QAM	37825	75RB#0	30~1000	-64.40	PASS
Band38	15MHz	16QAM	37825	75RB#0	1000~20000	-33.26	PASS
Band38	15MHz	16QAM	37825	75RB#0	20000~27000	-27.65	PASS
Band38	15MHz	QPSK	38000	75RB#0	0.009~0.15	-74.10	PASS
Band38	15MHz	QPSK	38000	75RB#0	0.15~30	-64.24	PASS
Band38	15MHz	QPSK	38000	75RB#0	30~1000	-64.39	PASS
Band38	15MHz	QPSK	38000	75RB#0	1000~20000	-32.88	PASS
Band38	15MHz	QPSK	38000	75RB#0	20000~27000	-27.83	PASS
Band38	15MHz	16QAM	38000	75RB#0	0.009~0.15	-74.75	PASS
Band38	15MHz	16QAM	38000	75RB#0	0.15~30	-68.86	PASS
Band38	15MHz	16QAM	38000	75RB#0	30~1000	-64.87	PASS
Band38	15MHz	16QAM	38000	75RB#0	1000~20000	-33.74	PASS

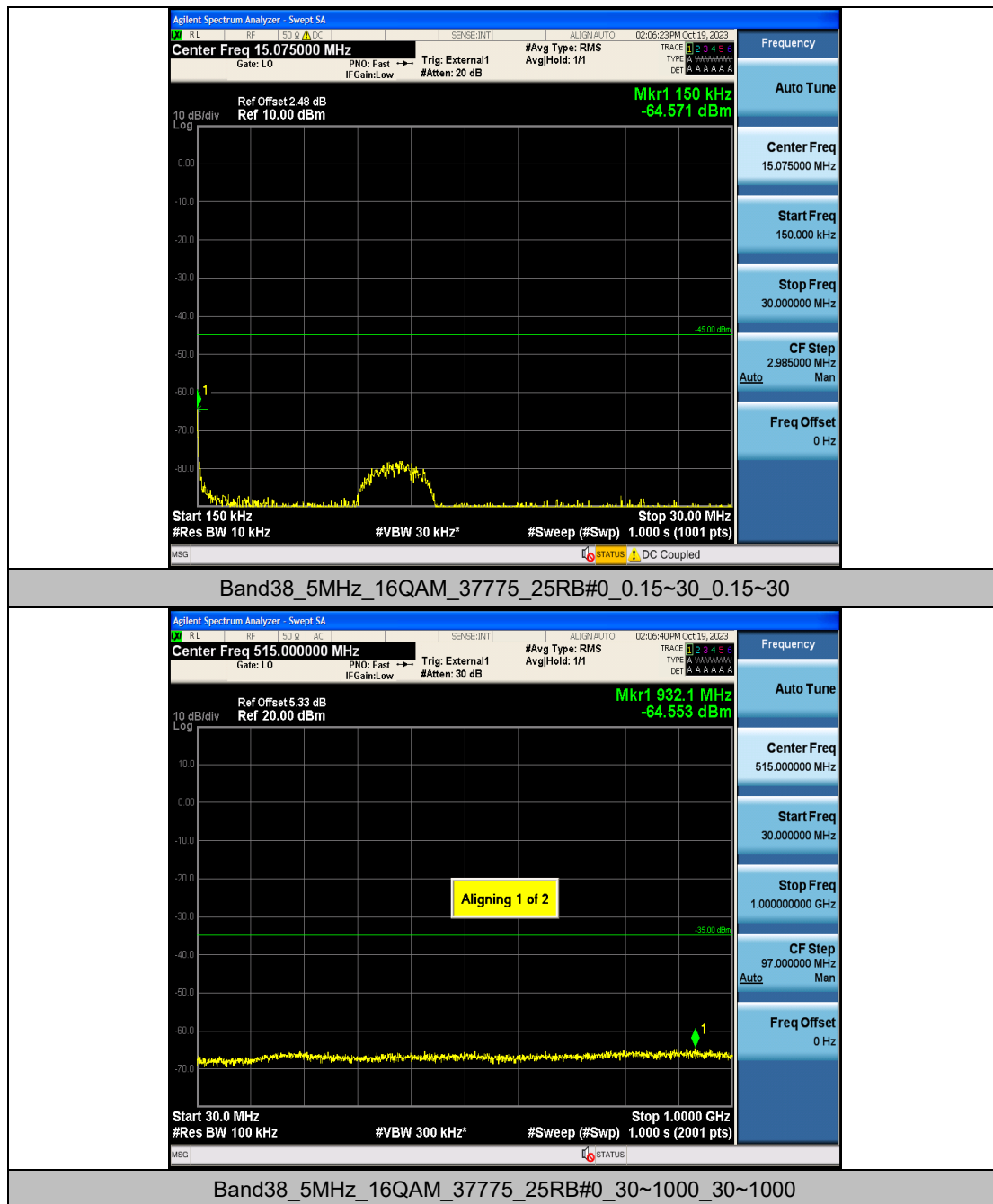
Band38	15MHz	16QAM	38000	75RB#0	20000~27000	-27.38	PASS
Band38	15MHz	QPSK	38175	75RB#0	0.009~0.15	-72.15	PASS
Band38	15MHz	QPSK	38175	75RB#0	0.15~30	-67.32	PASS
Band38	15MHz	QPSK	38175	75RB#0	30~1000	-64.53	PASS
Band38	15MHz	QPSK	38175	75RB#0	1000~20000	-28.60	PASS
Band38	15MHz	QPSK	38175	75RB#0	20000~27000	-27.70	PASS
Band38	15MHz	16QAM	38175	75RB#0	0.009~0.15	-74.38	PASS
Band38	15MHz	16QAM	38175	75RB#0	0.15~30	-68.74	PASS
Band38	15MHz	16QAM	38175	75RB#0	30~1000	-64.79	PASS
Band38	15MHz	16QAM	38175	75RB#0	1000~20000	-29.73	PASS
Band38	15MHz	16QAM	38175	75RB#0	20000~27000	-27.69	PASS
Band38	20MHz	QPSK	37850	100RB#0	0.009~0.15	-71.62	PASS
Band38	20MHz	QPSK	37850	100RB#0	0.15~30	-69.32	PASS
Band38	20MHz	QPSK	37850	100RB#0	30~1000	-64.64	PASS
Band38	20MHz	QPSK	37850	100RB#0	1000~20000	-34.08	PASS
Band38	20MHz	QPSK	37850	100RB#0	20000~27000	-27.62	PASS
Band38	20MHz	16QAM	37850	100RB#0	0.009~0.15	-71.89	PASS
Band38	20MHz	16QAM	37850	100RB#0	0.15~30	-67.18	PASS
Band38	20MHz	16QAM	37850	100RB#0	30~1000	-64.80	PASS
Band38	20MHz	16QAM	37850	100RB#0	1000~20000	-34.30	PASS
Band38	20MHz	16QAM	37850	100RB#0	20000~27000	-27.34	PASS
Band38	20MHz	QPSK	38000	100RB#0	0.009~0.15	-73.50	PASS
Band38	20MHz	QPSK	38000	100RB#0	0.15~30	-66.21	PASS
Band38	20MHz	QPSK	38000	100RB#0	30~1000	-64.68	PASS
Band38	20MHz	QPSK	38000	100RB#0	1000~20000	-33.49	PASS
Band38	20MHz	QPSK	38000	100RB#0	20000~27000	-27.73	PASS
Band38	20MHz	16QAM	38000	100RB#0	0.009~0.15	-72.67	PASS
Band38	20MHz	16QAM	38000	100RB#0	0.15~30	-67.78	PASS
Band38	20MHz	16QAM	38000	100RB#0	30~1000	-64.60	PASS
Band38	20MHz	16QAM	38000	100RB#0	1000~20000	-33.63	PASS
Band38	20MHz	16QAM	38000	100RB#0	20000~27000	-27.18	PASS
Band38	20MHz	QPSK	38150	100RB#0	0.009~0.15	-74.41	PASS
Band38	20MHz	QPSK	38150	100RB#0	0.15~30	-67.25	PASS
Band38	20MHz	QPSK	38150	100RB#0	30~1000	-64.72	PASS
Band38	20MHz	QPSK	38150	100RB#0	1000~20000	-32.75	PASS
Band38	20MHz	QPSK	38150	100RB#0	20000~27000	-27.82	PASS
Band38	20MHz	16QAM	38150	100RB#0	0.009~0.15	-73.19	PASS
Band38	20MHz	16QAM	38150	100RB#0	0.15~30	-65.04	PASS
Band38	20MHz	16QAM	38150	100RB#0	30~1000	-64.82	PASS
Band38	20MHz	16QAM	38150	100RB#0	1000~20000	-33.89	PASS
Band38	20MHz	16QAM	38150	100RB#0	20000~27000	-27.57	PASS

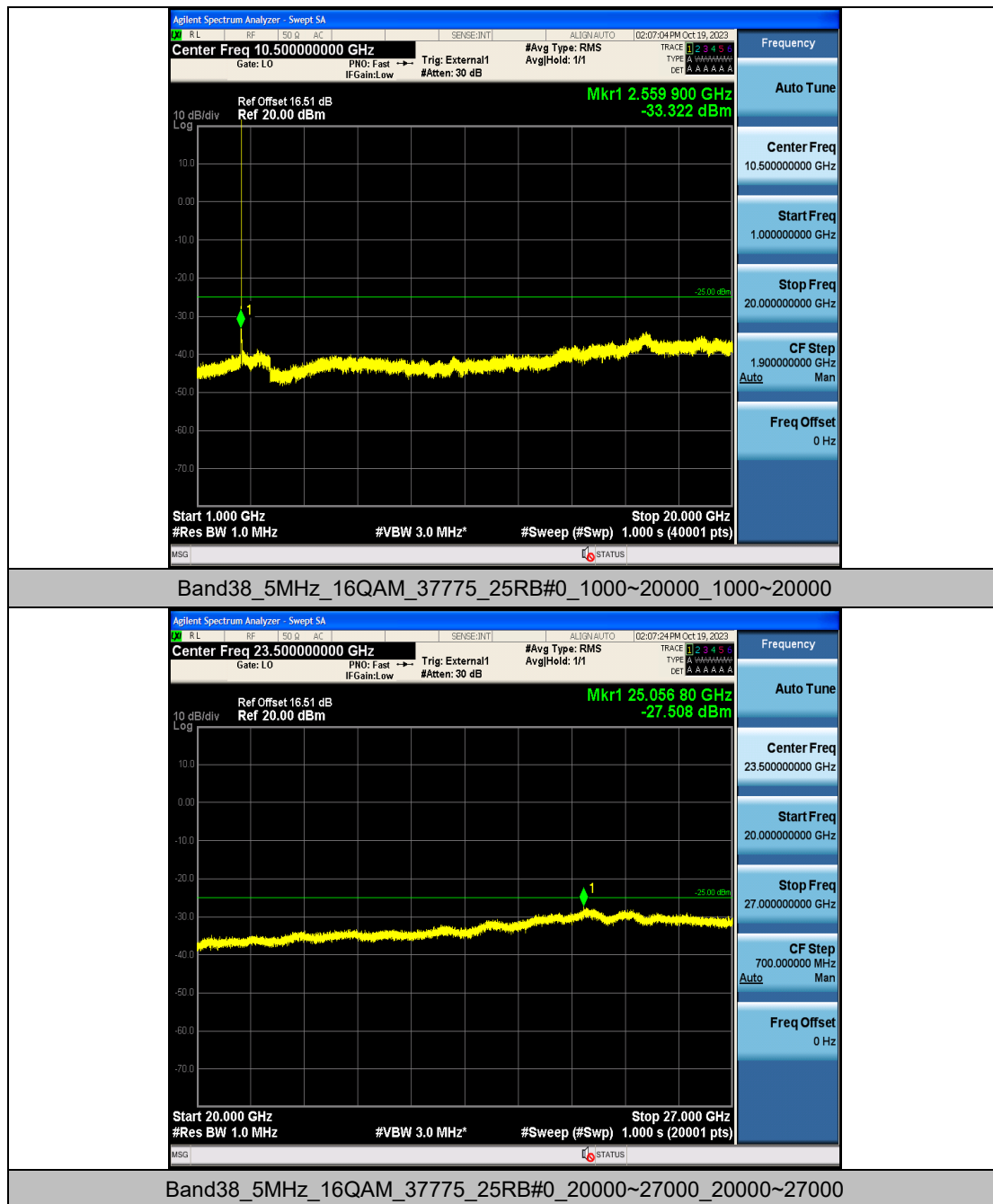
Test Graphs

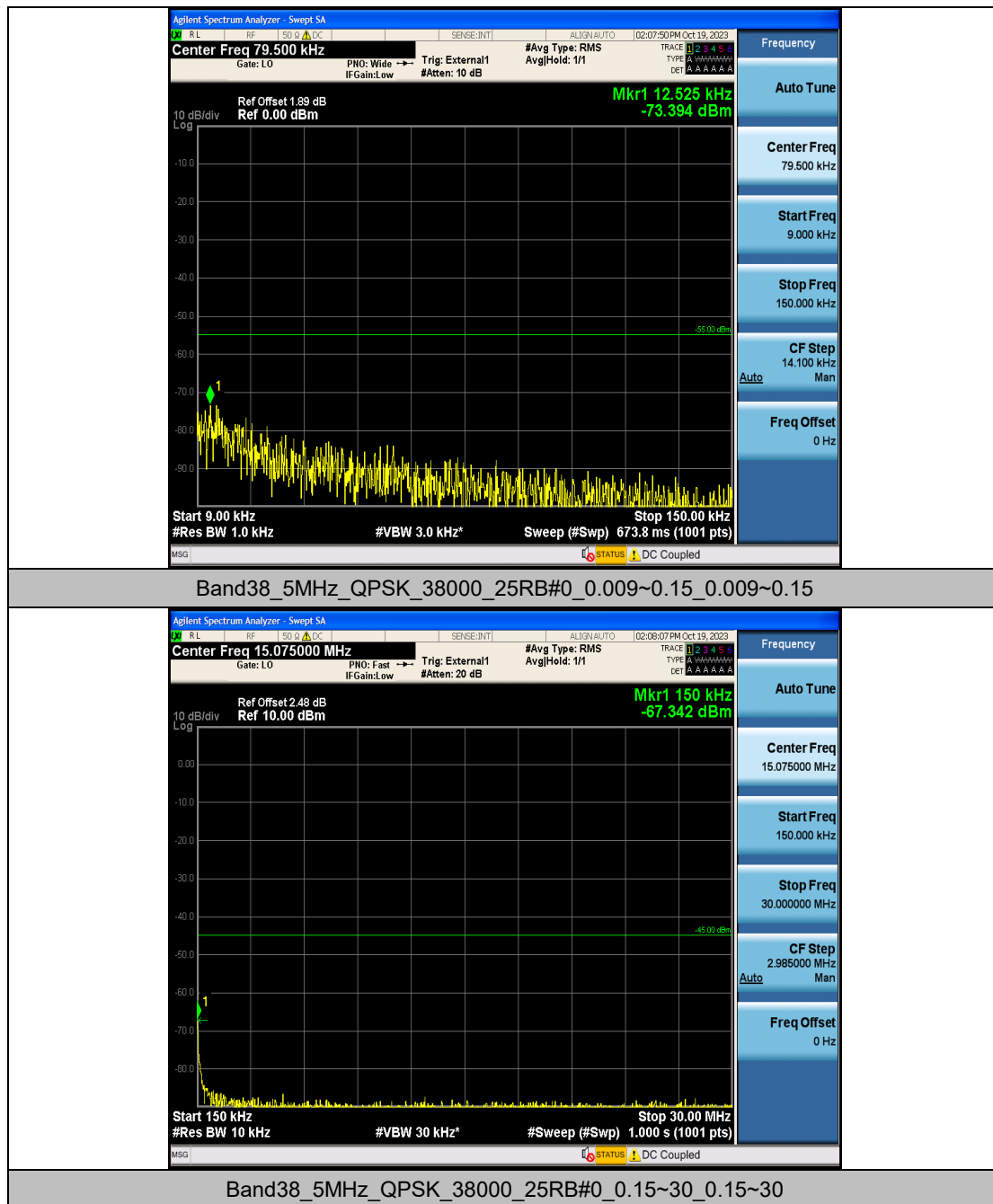


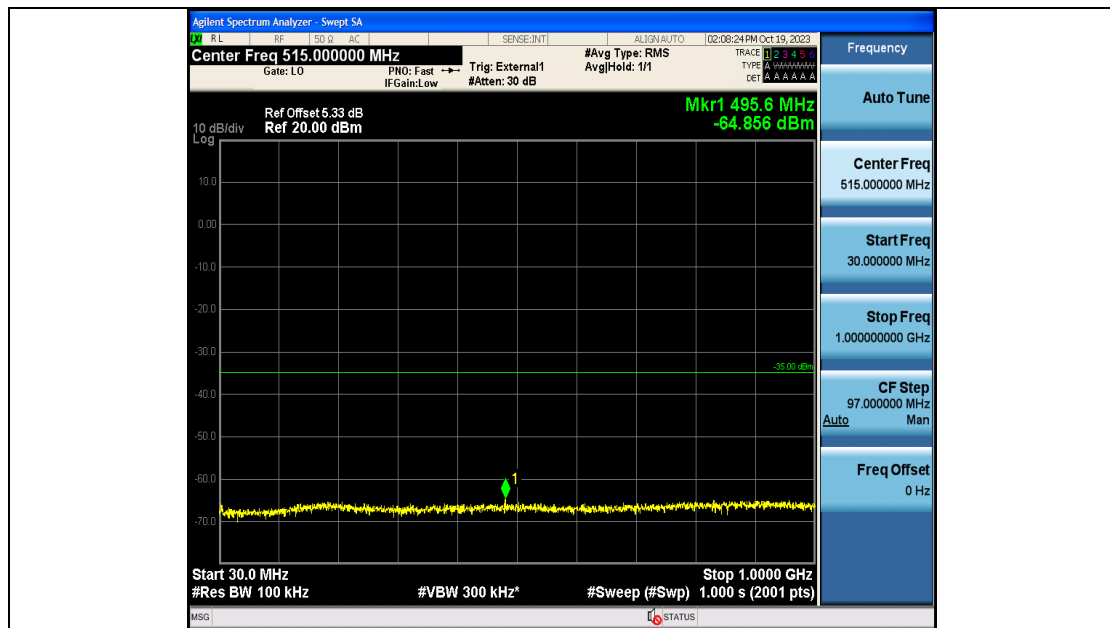








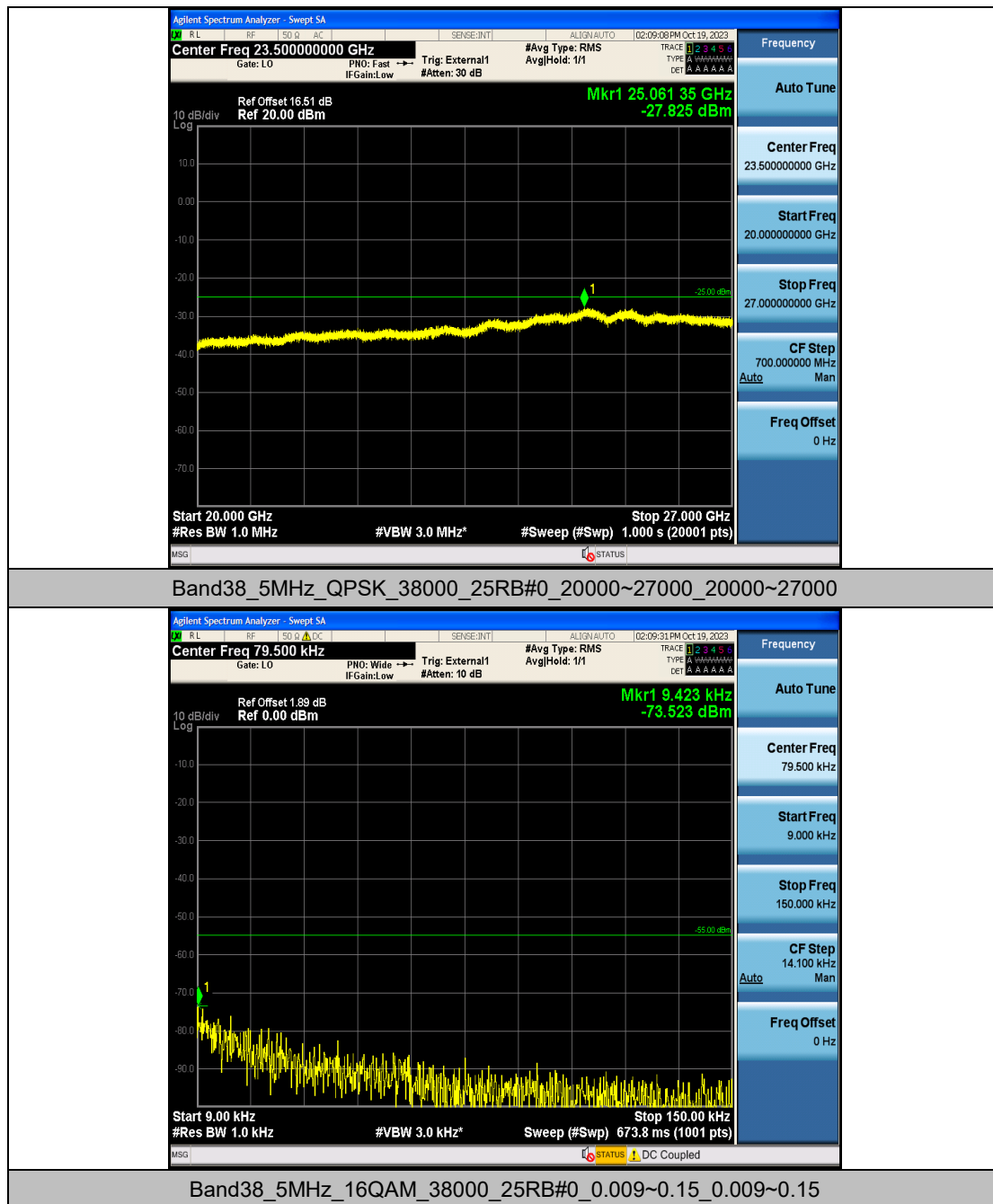


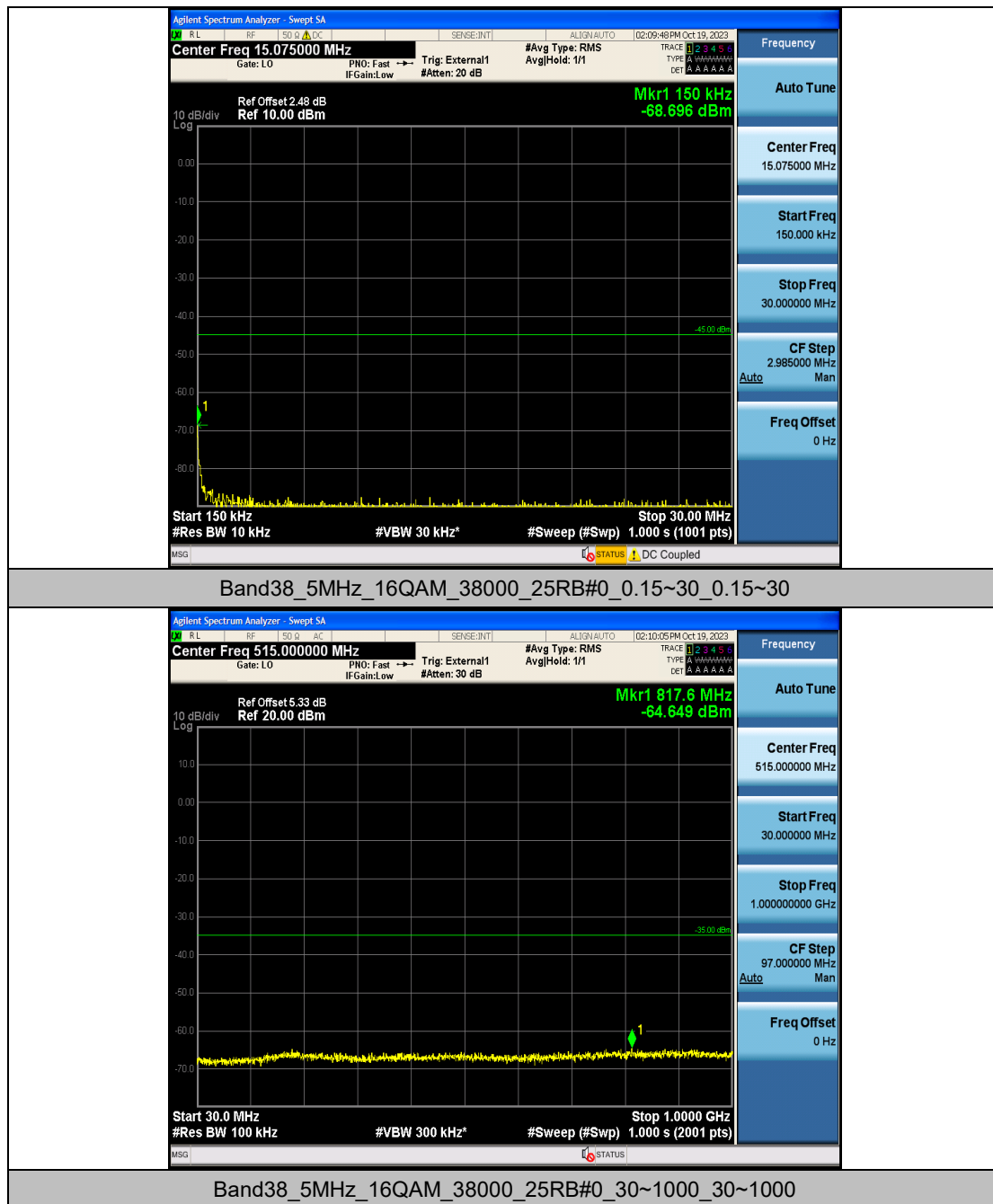


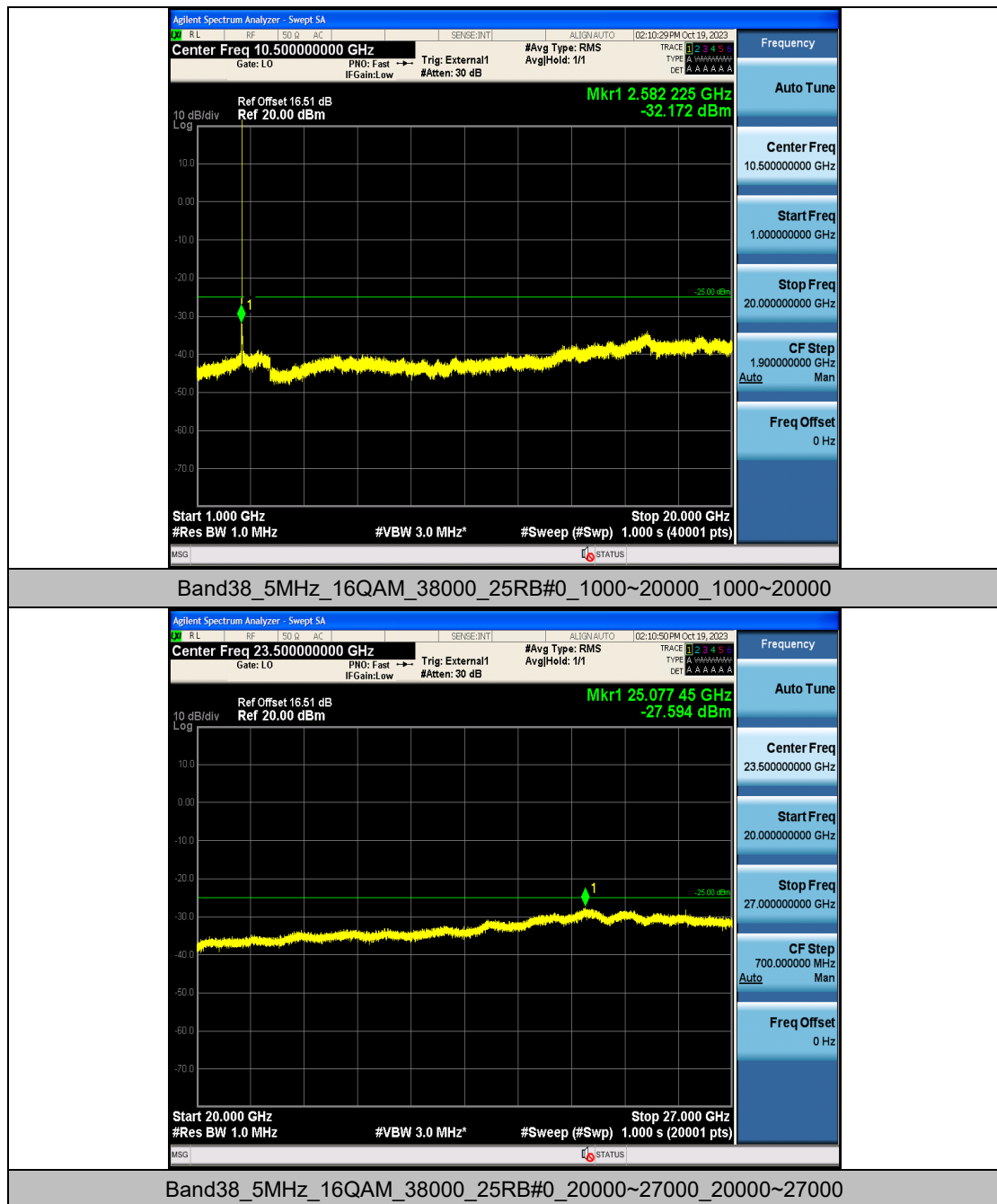
Band38_5MHz_QPSK_38000_25RB#0_30~1000_30~1000

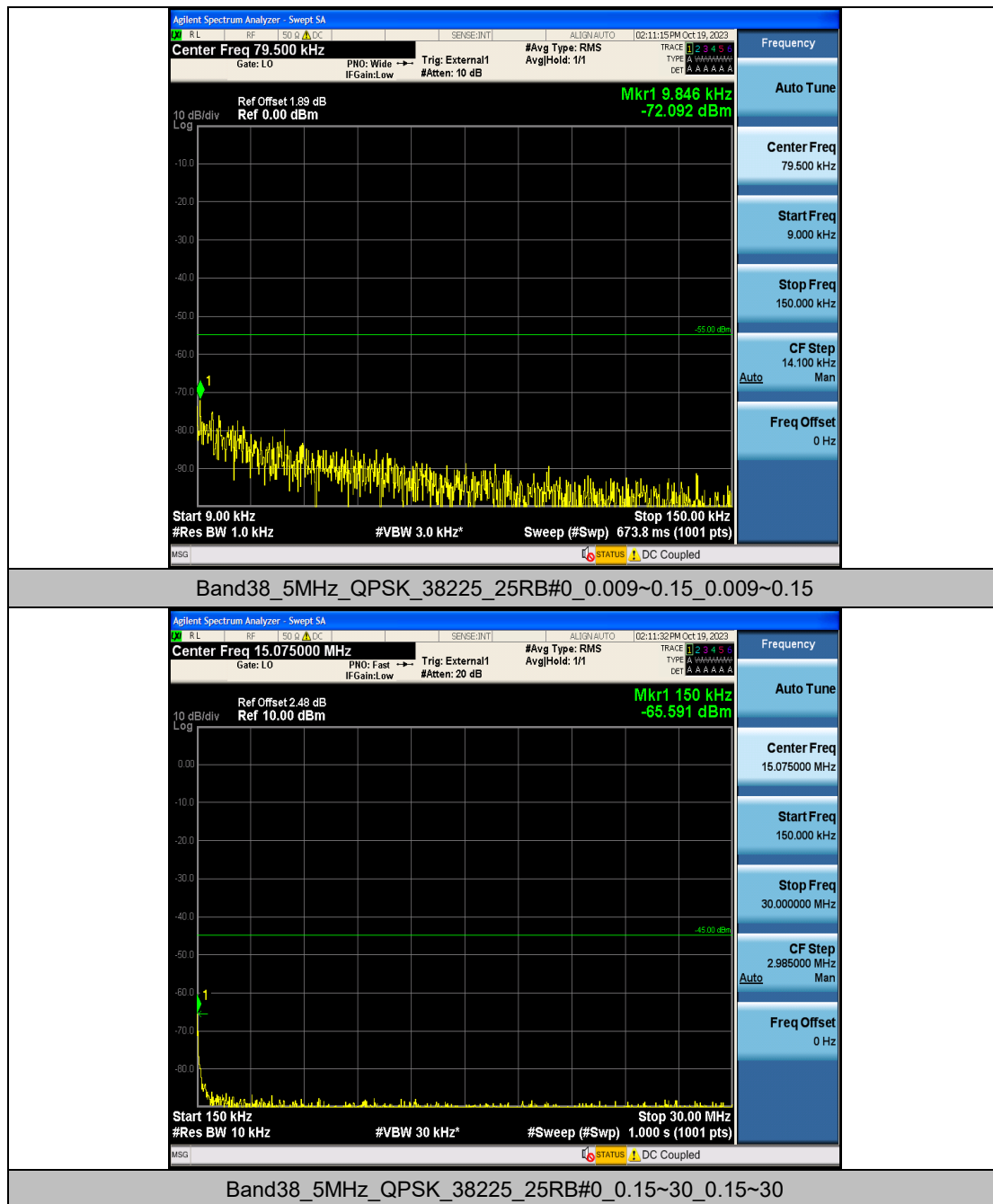


Band38_5MHz_QPSK_38000_25RB#0_1000~20000_1000~20000











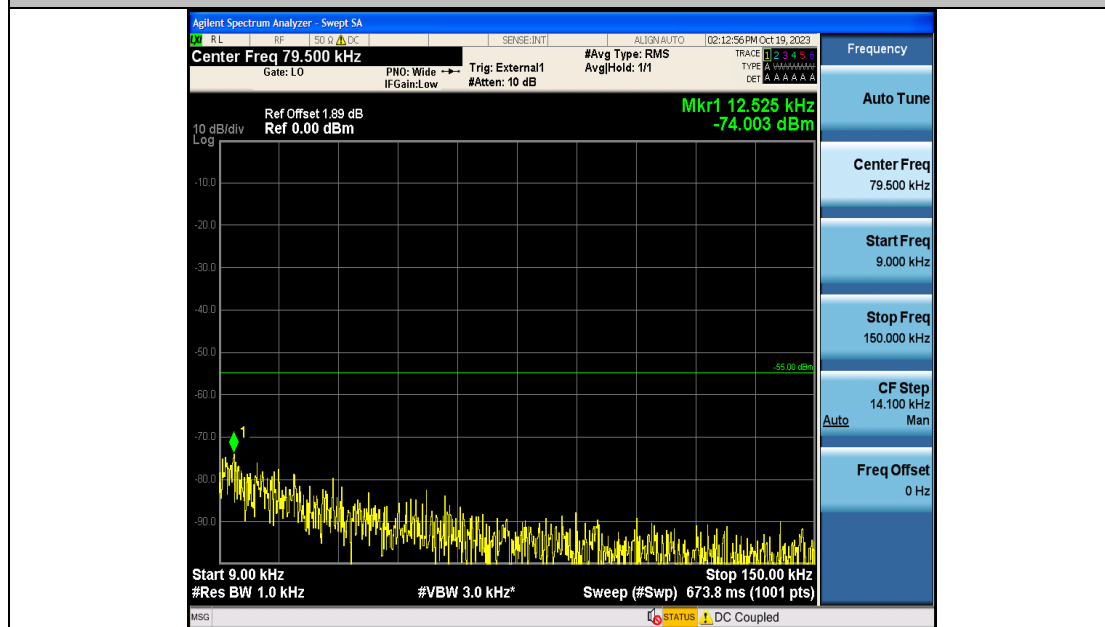
Band38_5MHz_QPSK_38225_25RB#0_30~1000_30~1000



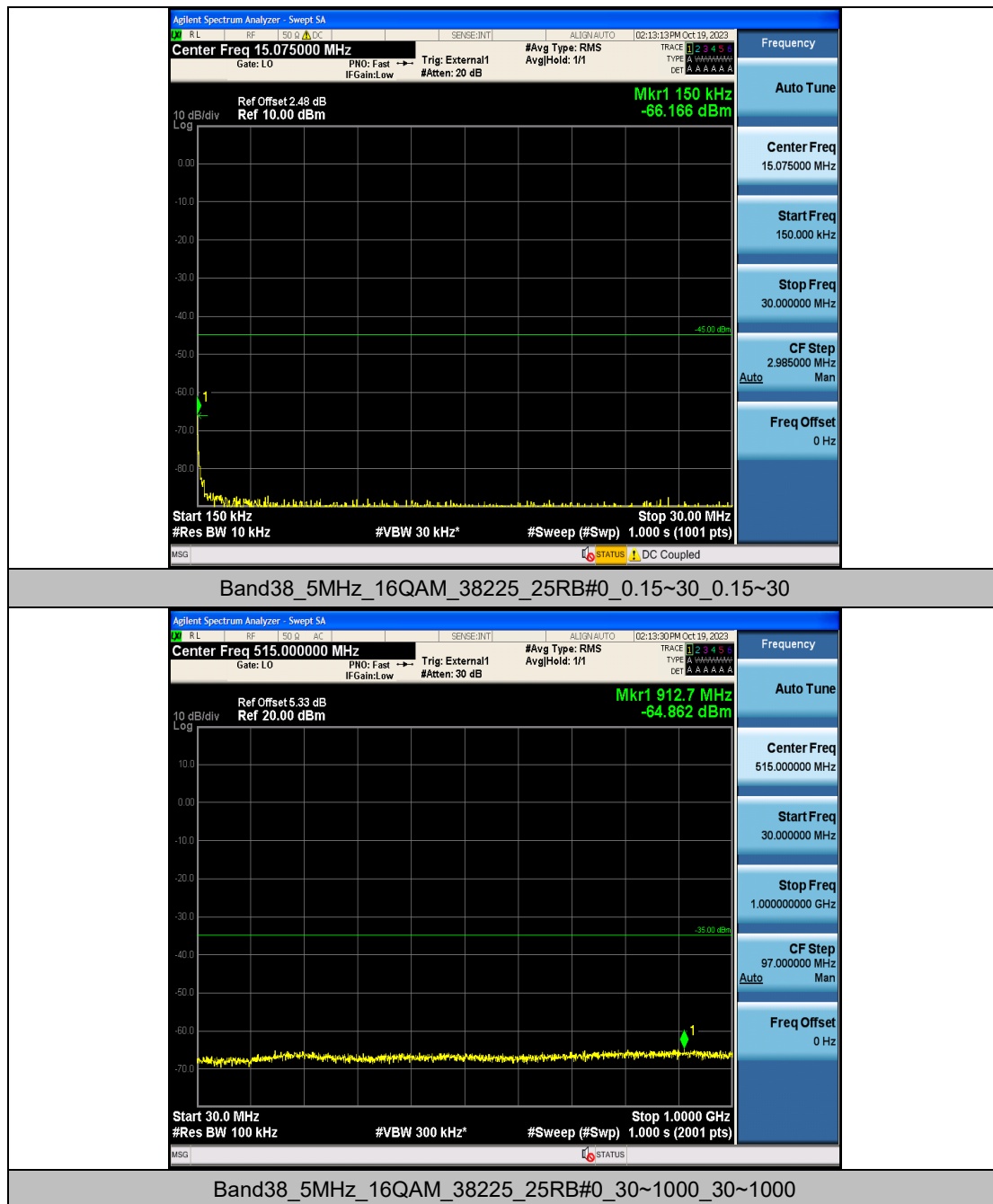
Band38_5MHz_QPSK_38225_25RB#0_1000~20000_1000~20000

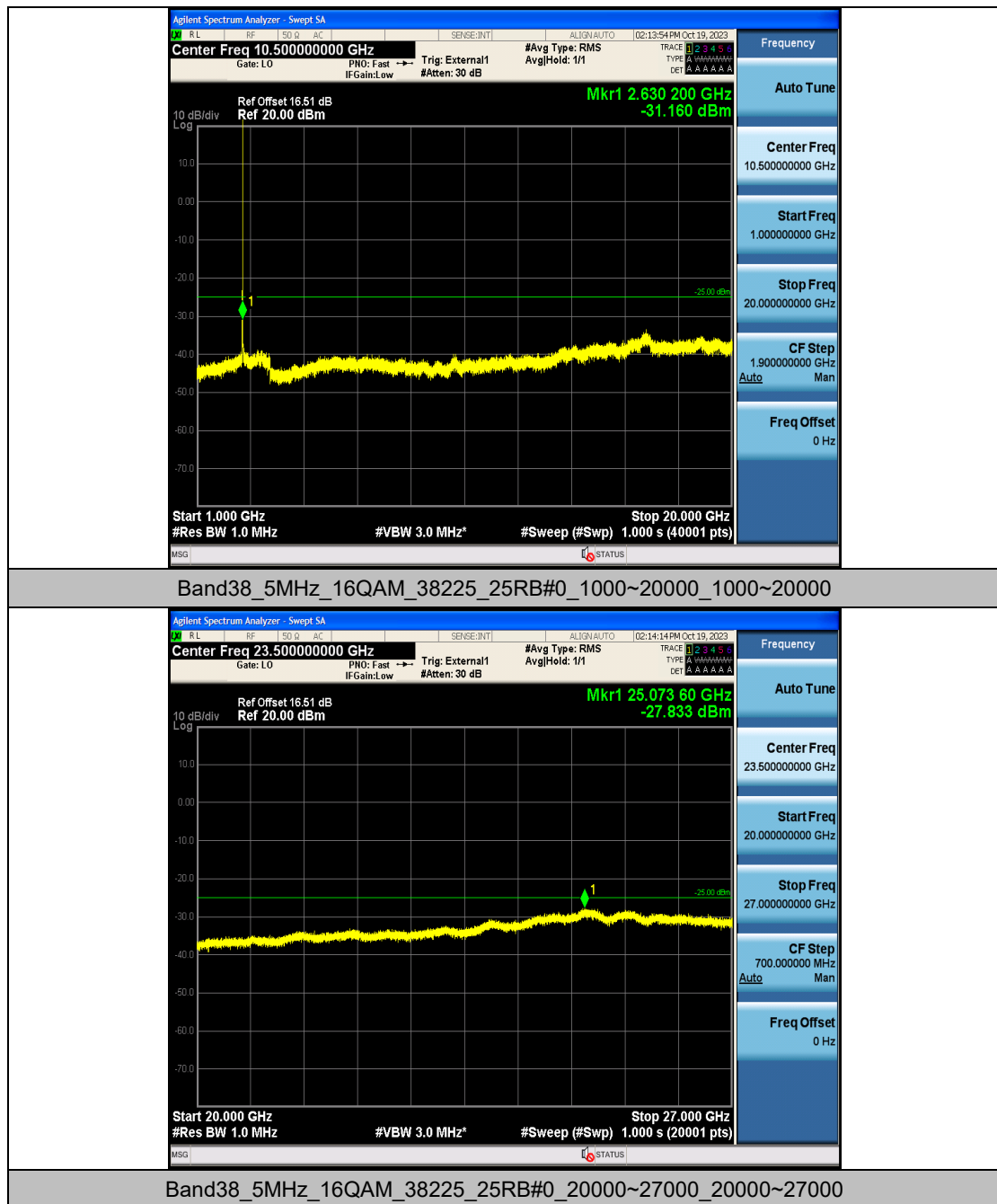


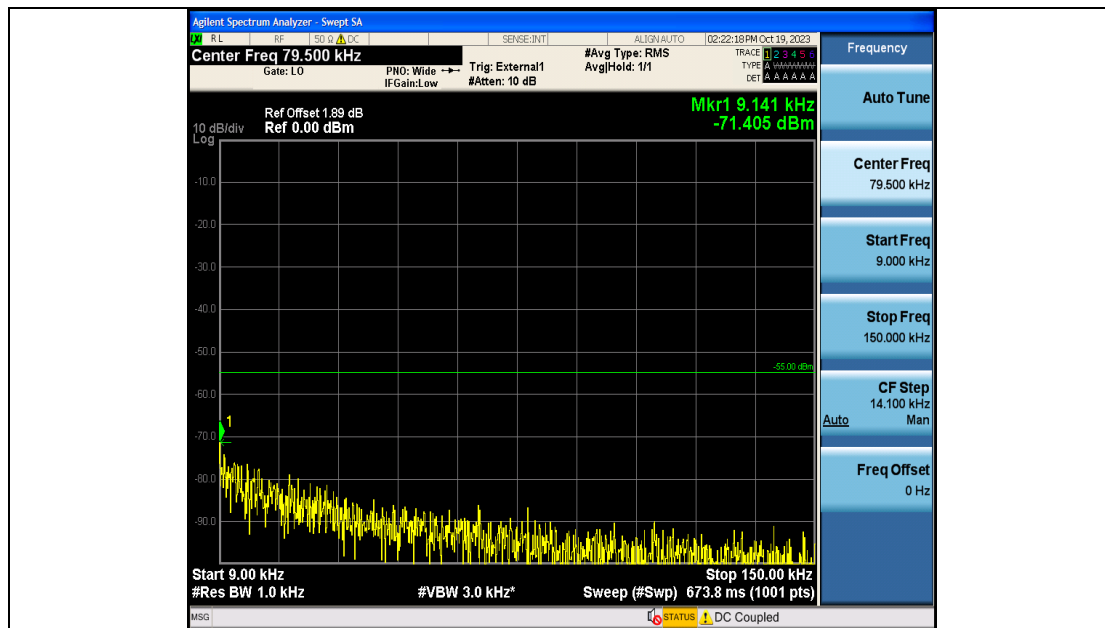
Band38_5MHz_QPSK_38225_25RB#0_20000~27000_20000~27000



Band38_5MHz_16QAM_38225_25RB#0_0.009~0.15_0.009~0.15



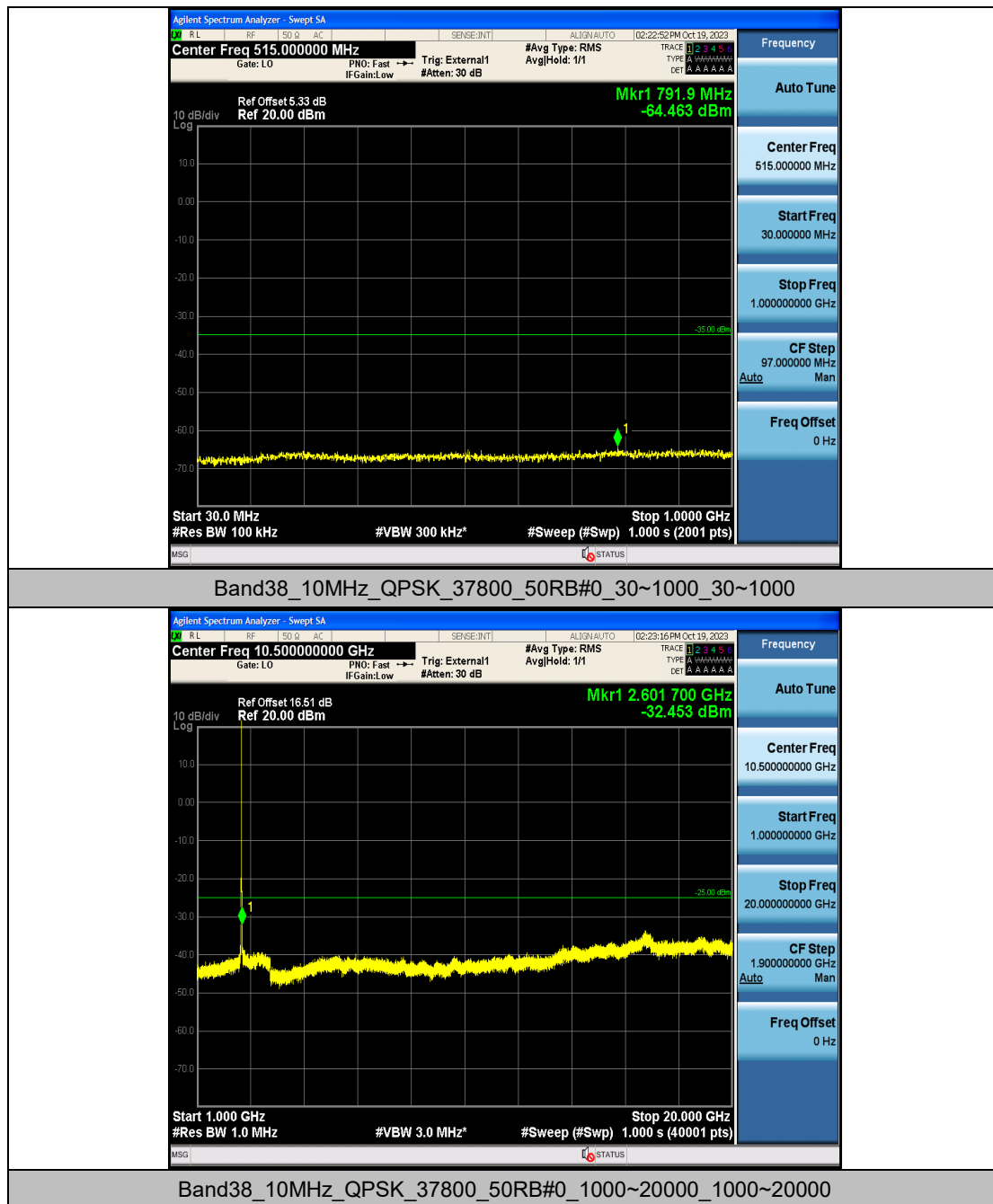


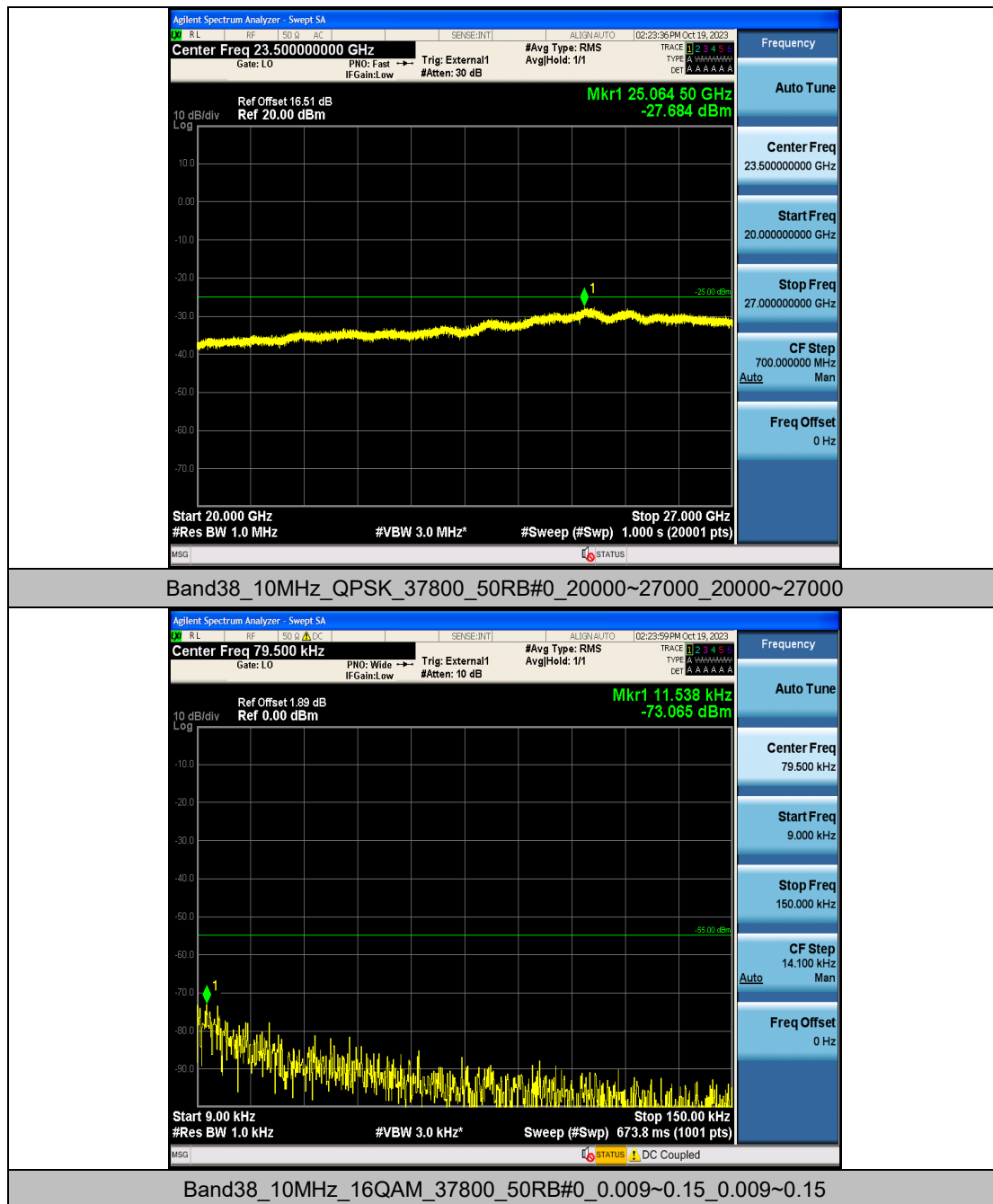


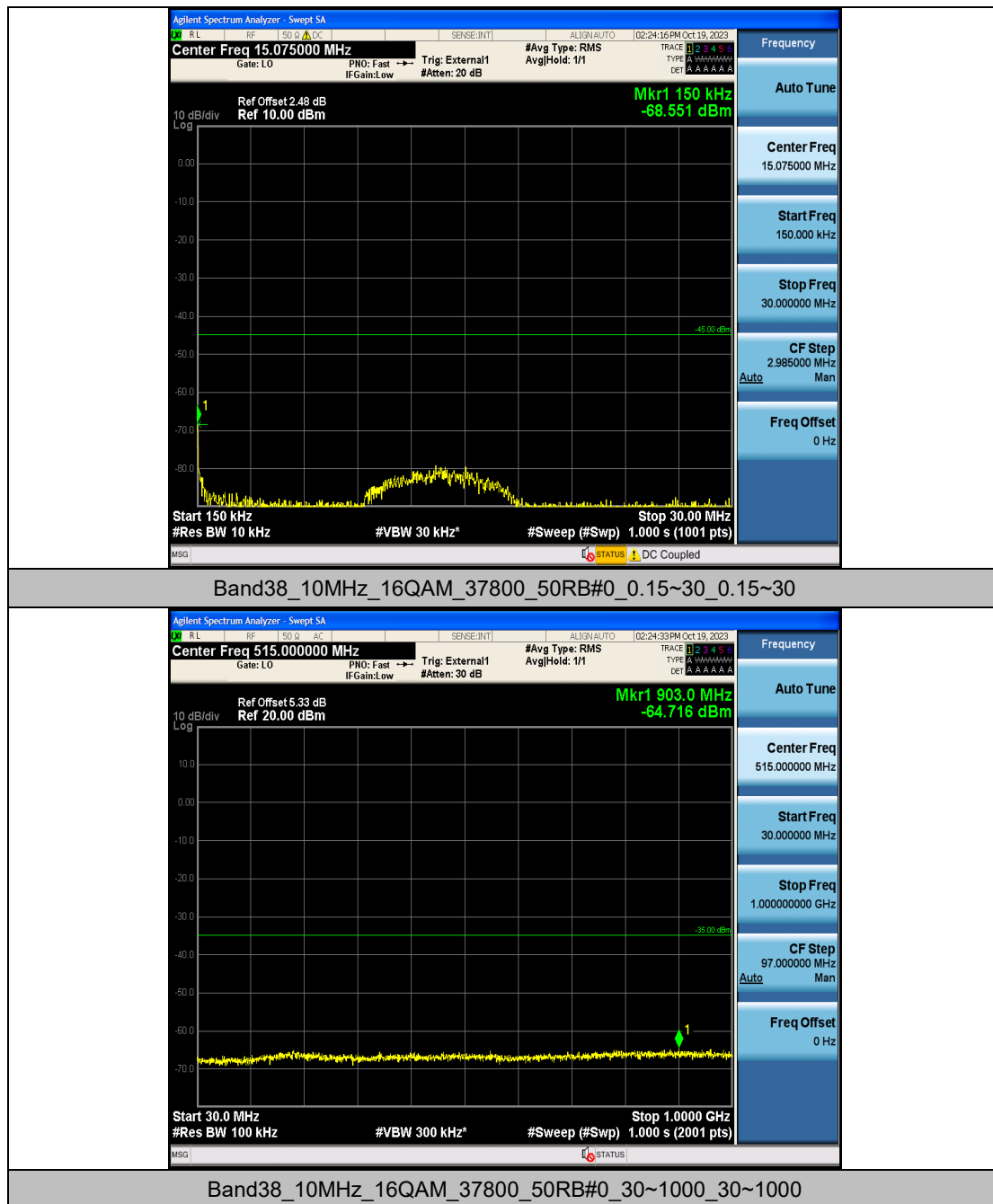
Band38_10MHz_QPSK_37800_50RB#0_0.009~0.15_0.009~0.15

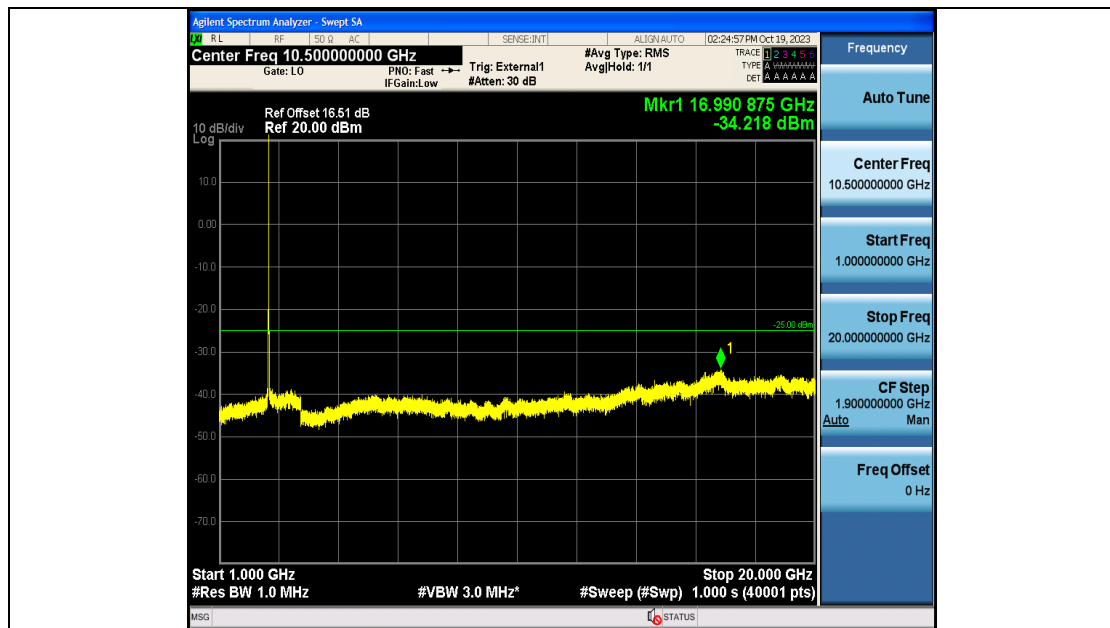


Band38_10MHz_QPSK_37800_50RB#0_0.15~30_0.15~30





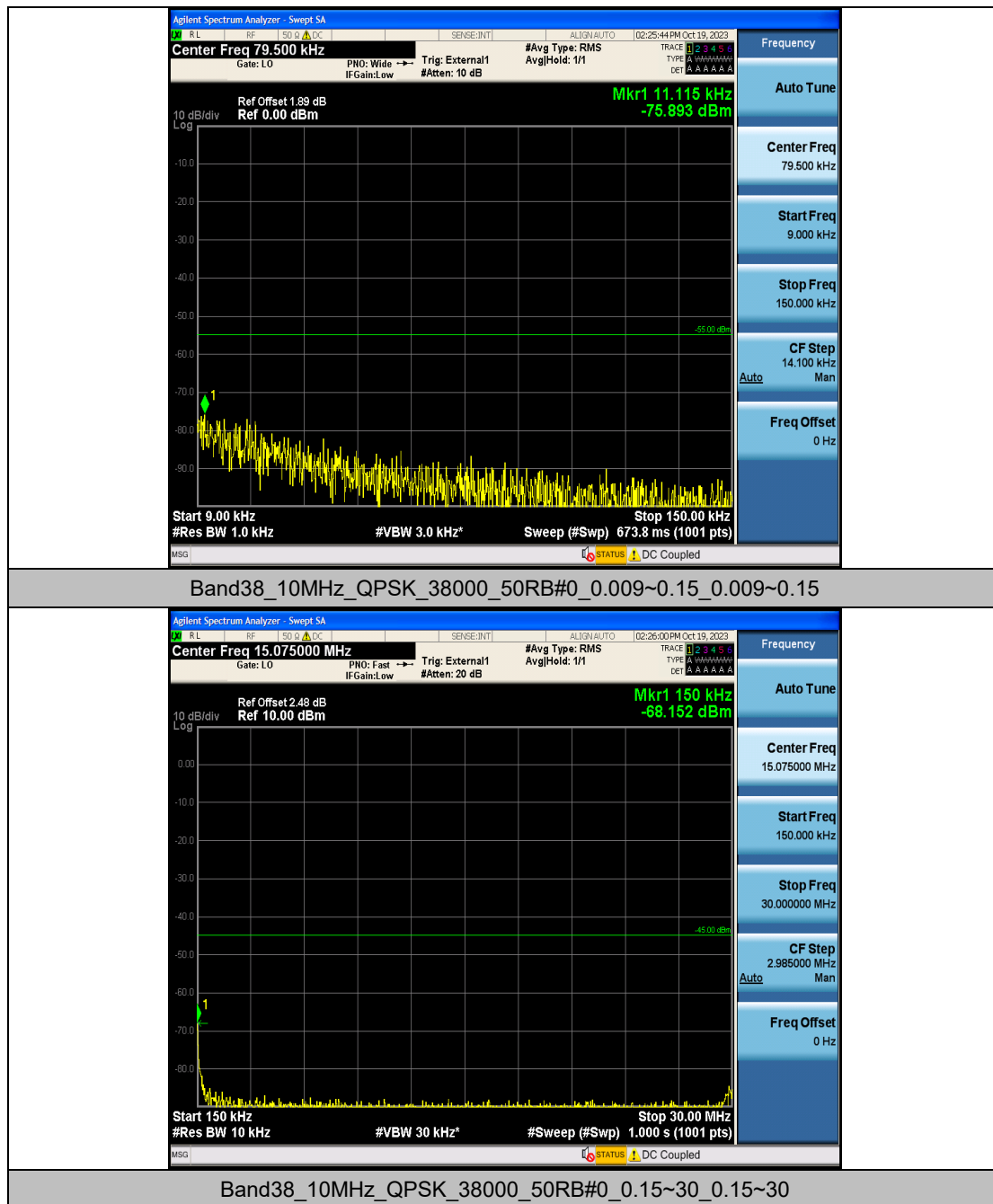


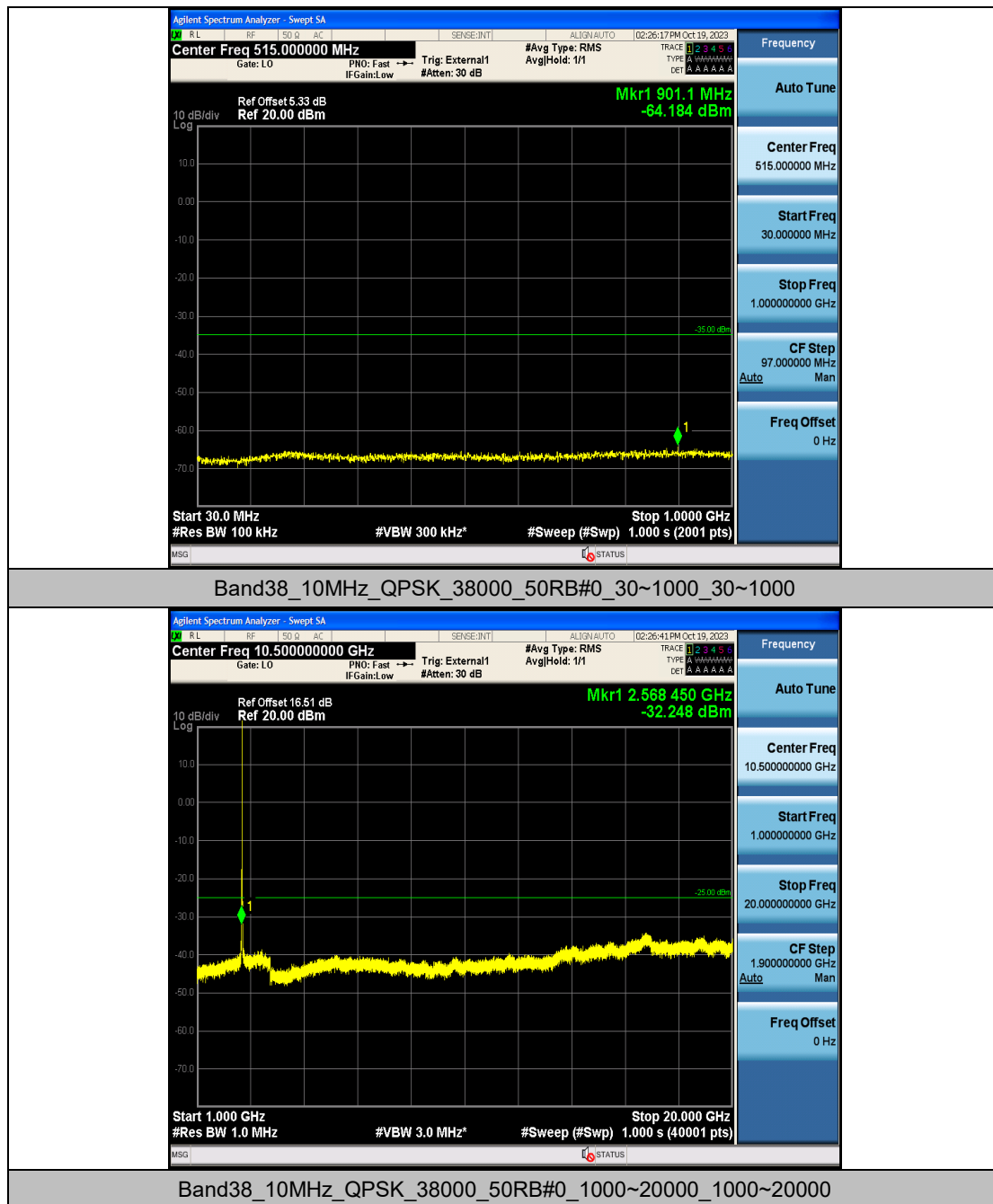


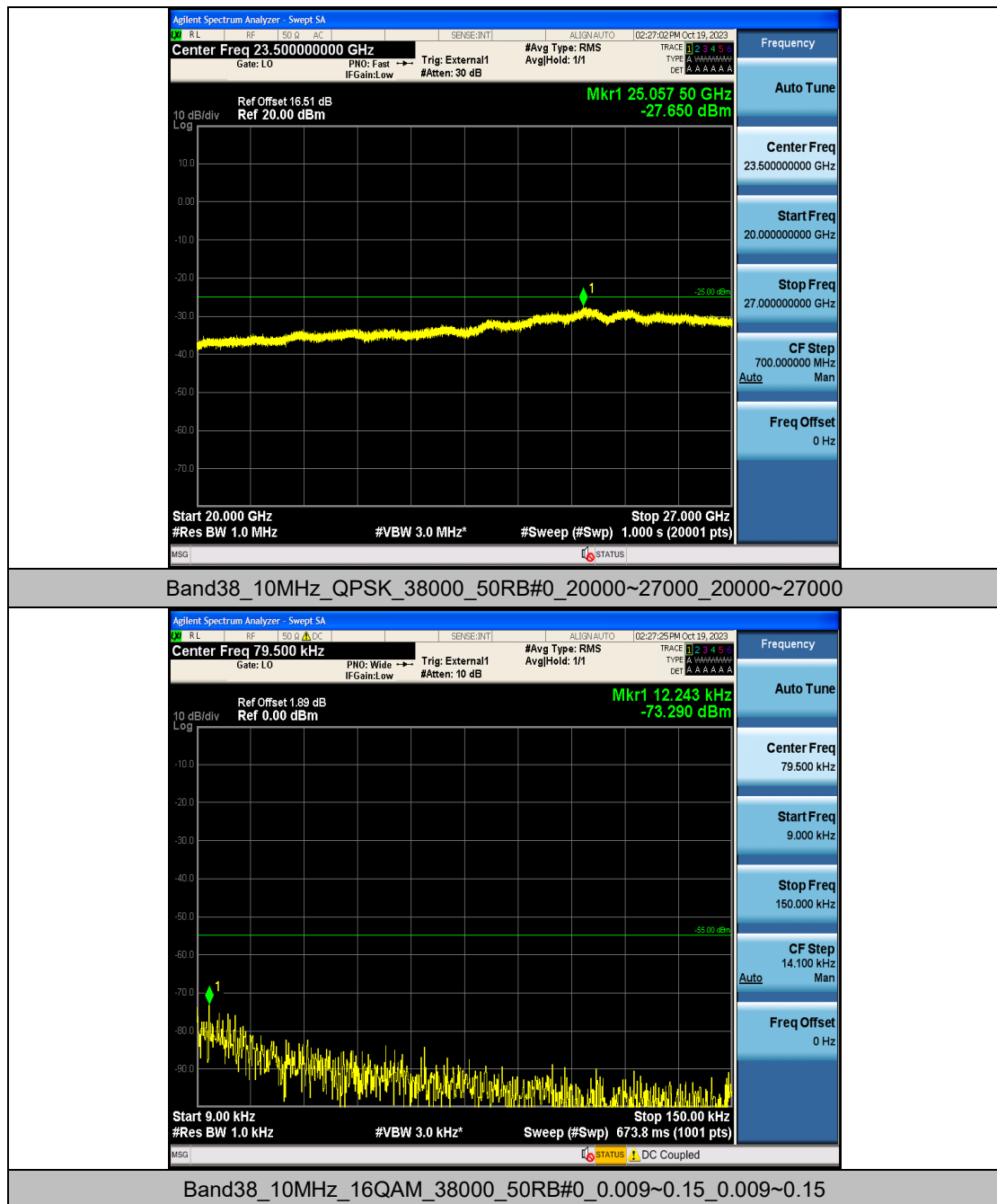
Band38_10MHz_16QAM_37800_50RB#0_1000~20000_1000~20000

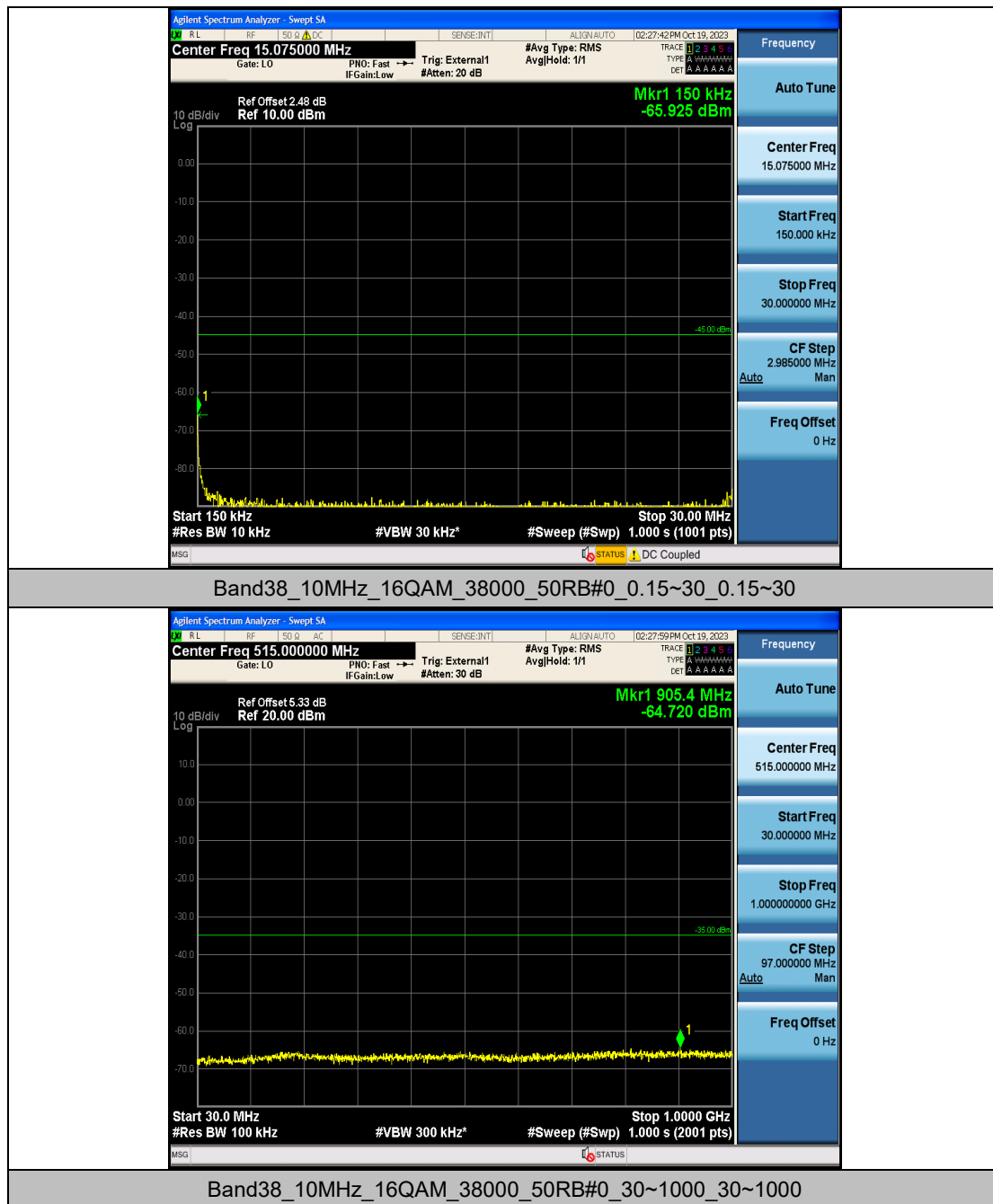


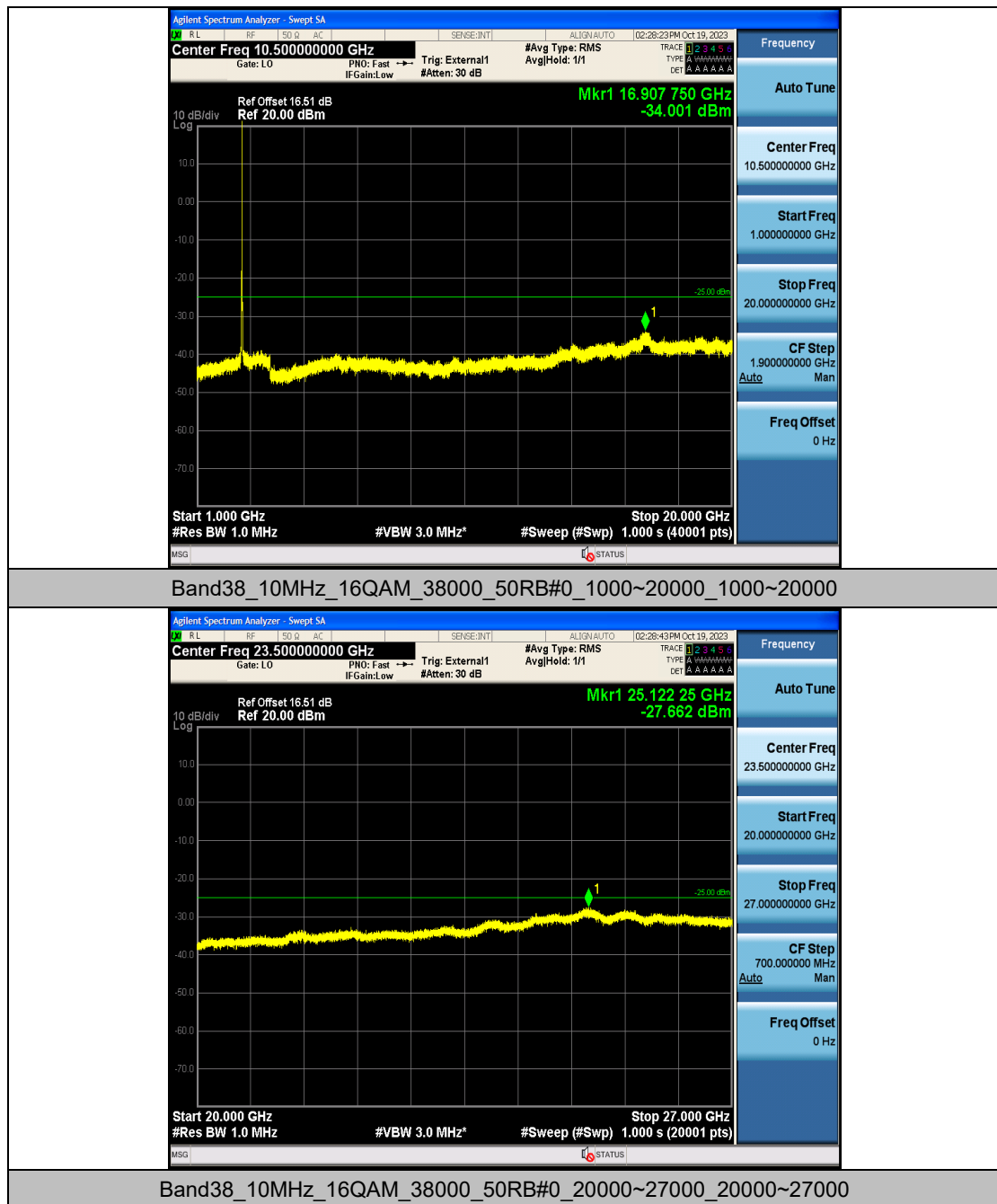
Band38_10MHz_16QAM_37800_50RB#0_20000~27000_20000~27000

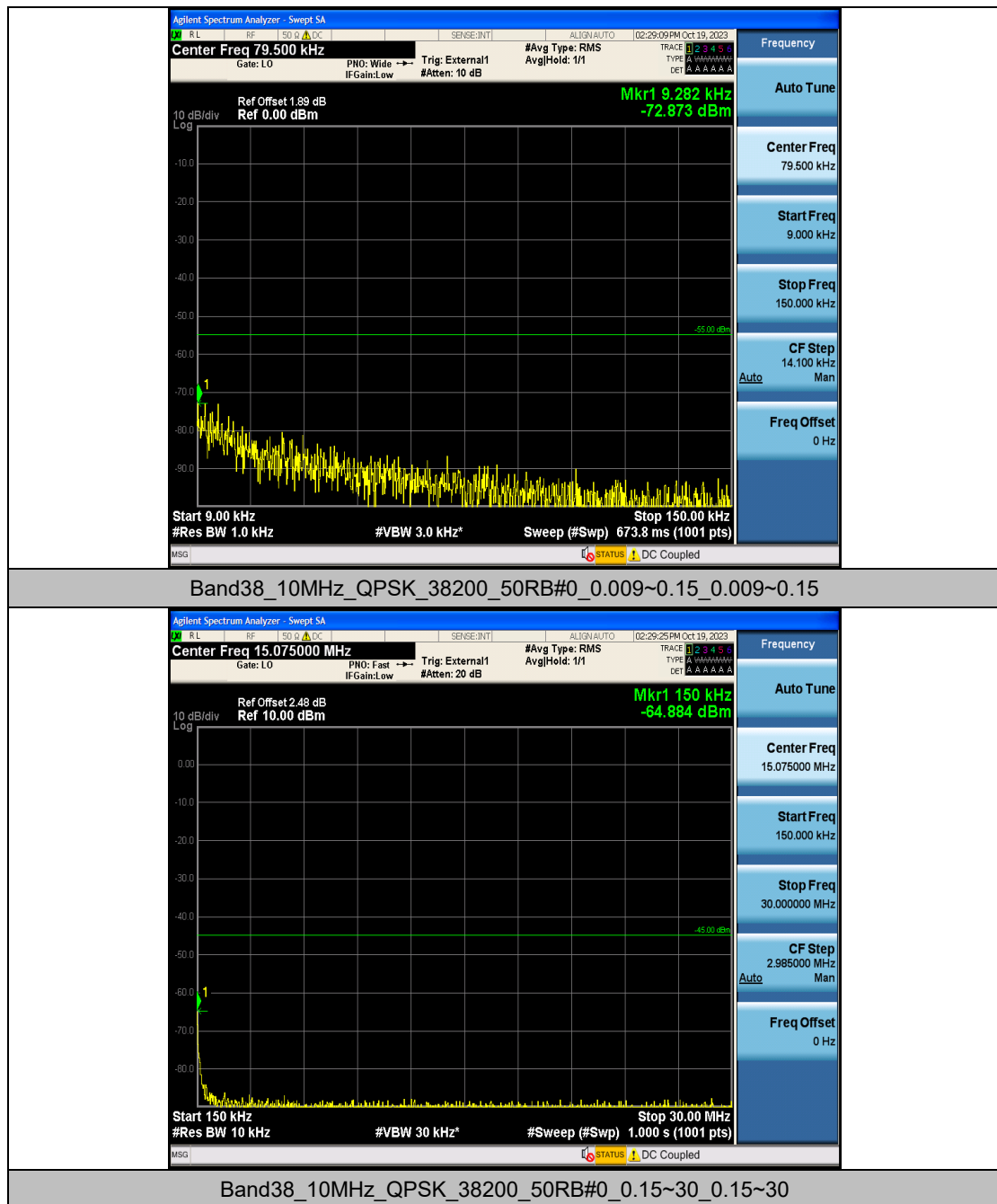


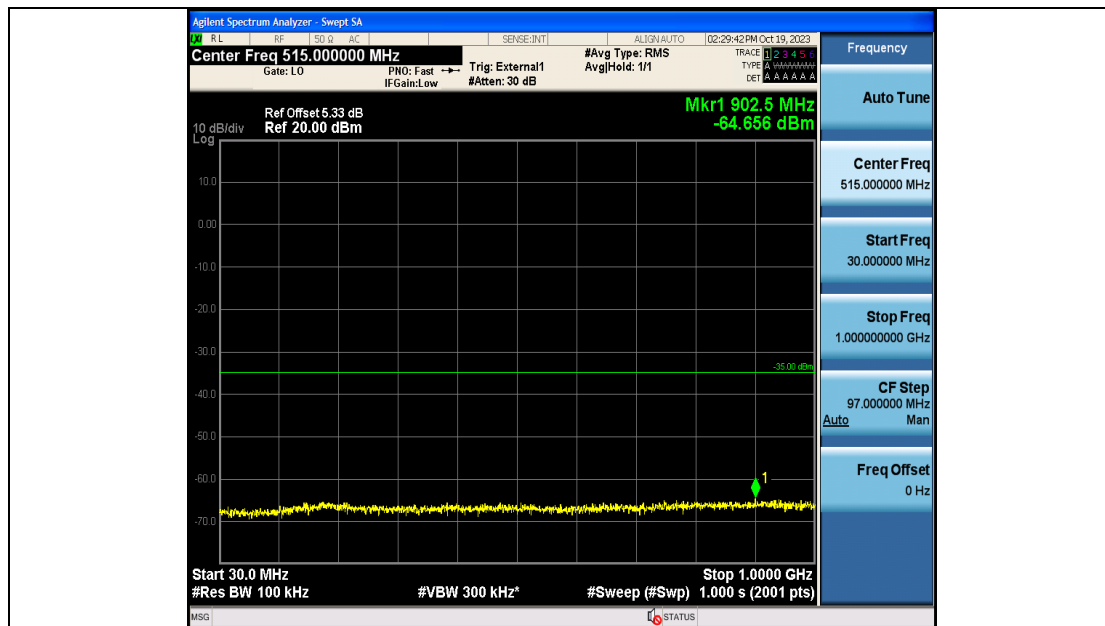








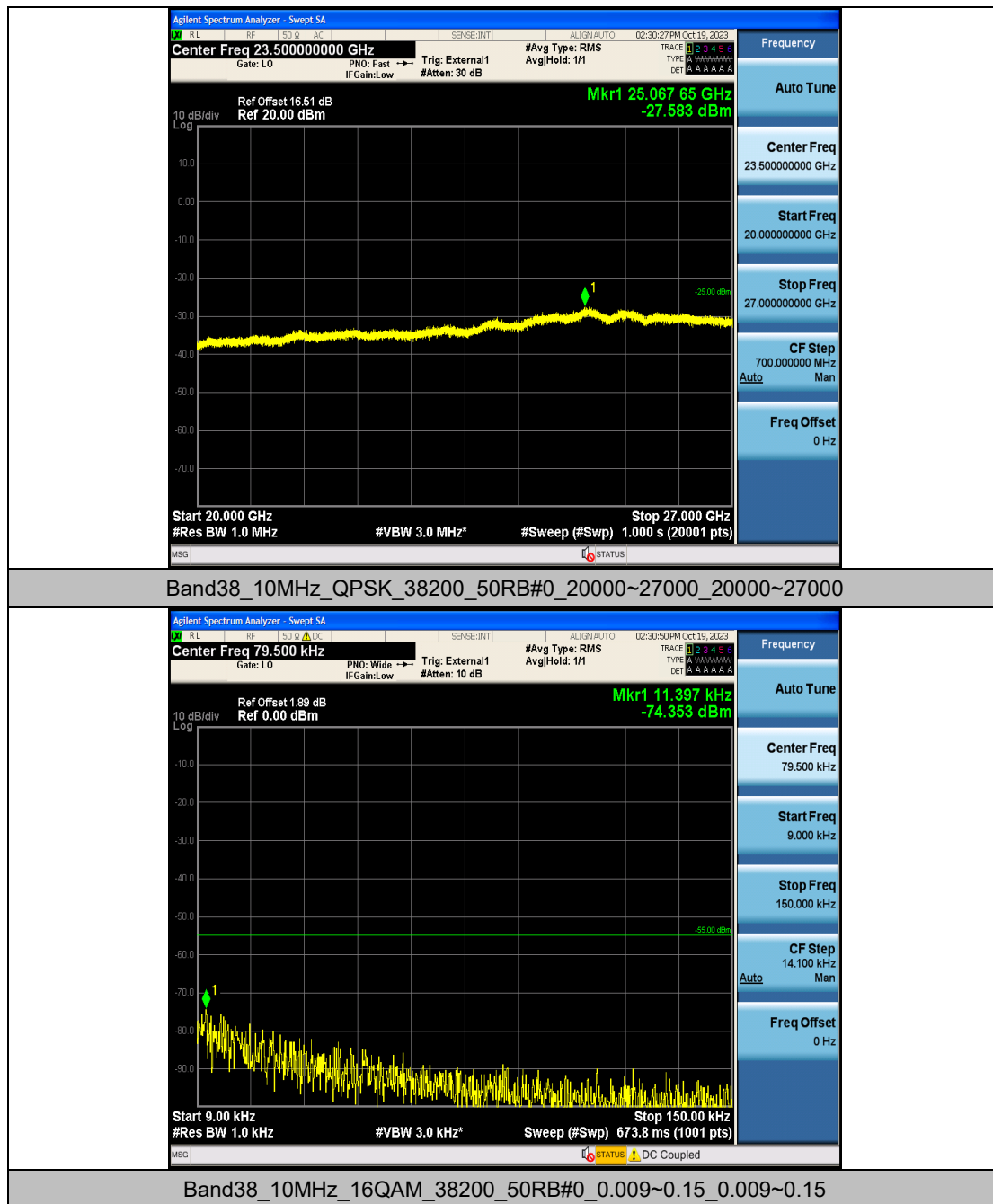


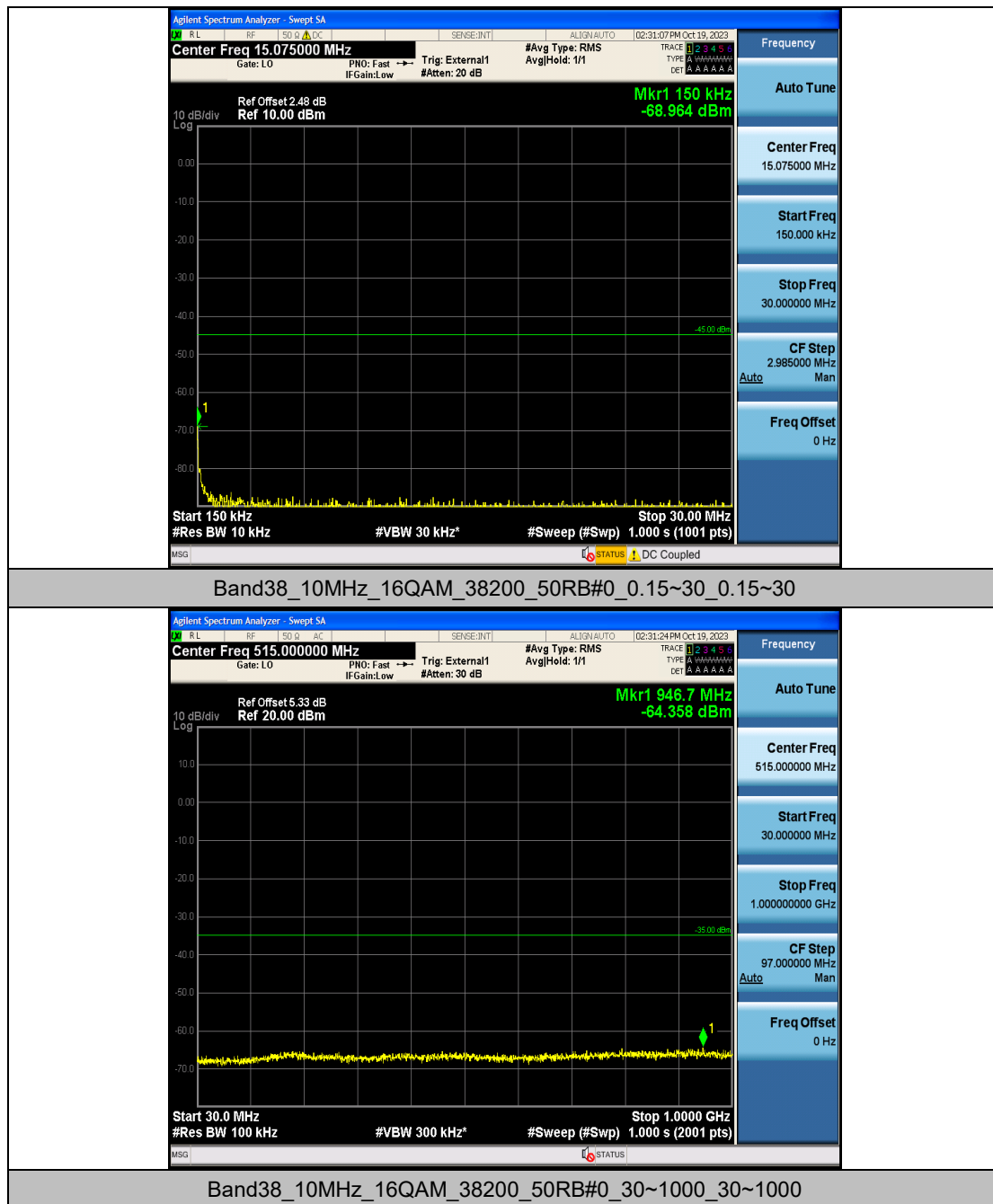


Band38_10MHz_QPSK_38200_50RB#0_30~1000_30~1000



Band38_10MHz_QPSK_38200_50RB#0_1000~20000_1000~20000



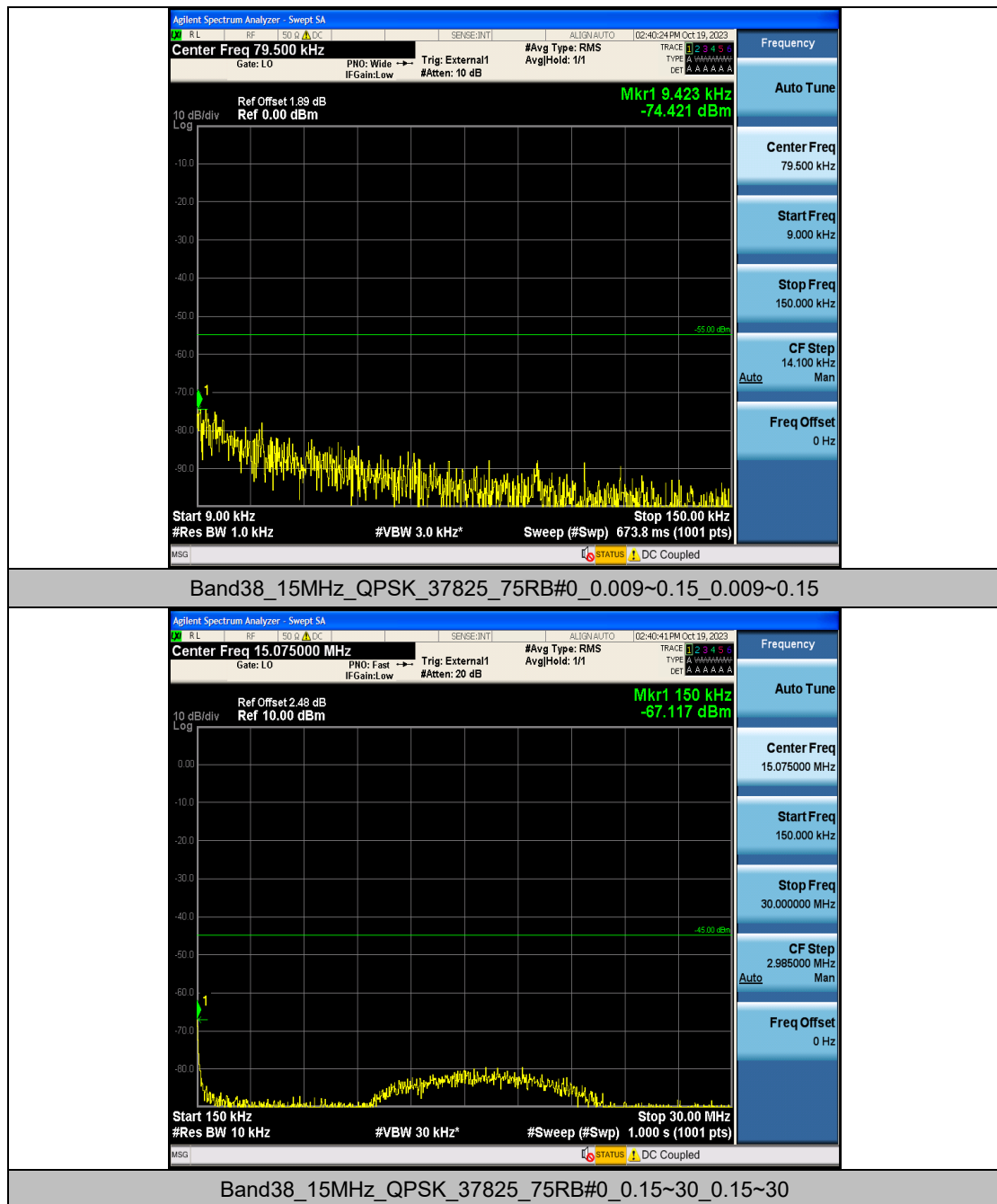


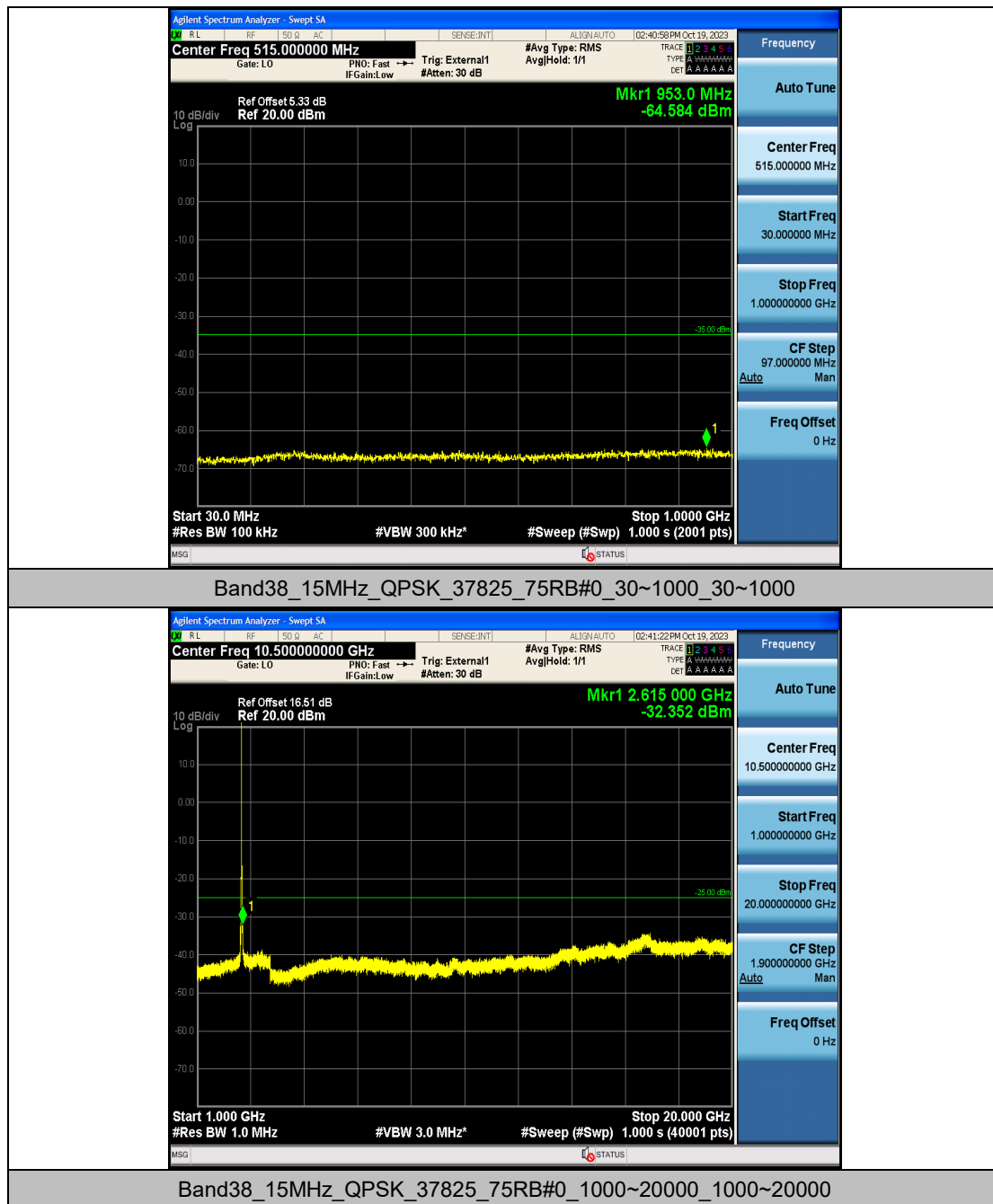


Band38_10MHz_16QAM_38200_50RB#0_1000~20000_1000~20000



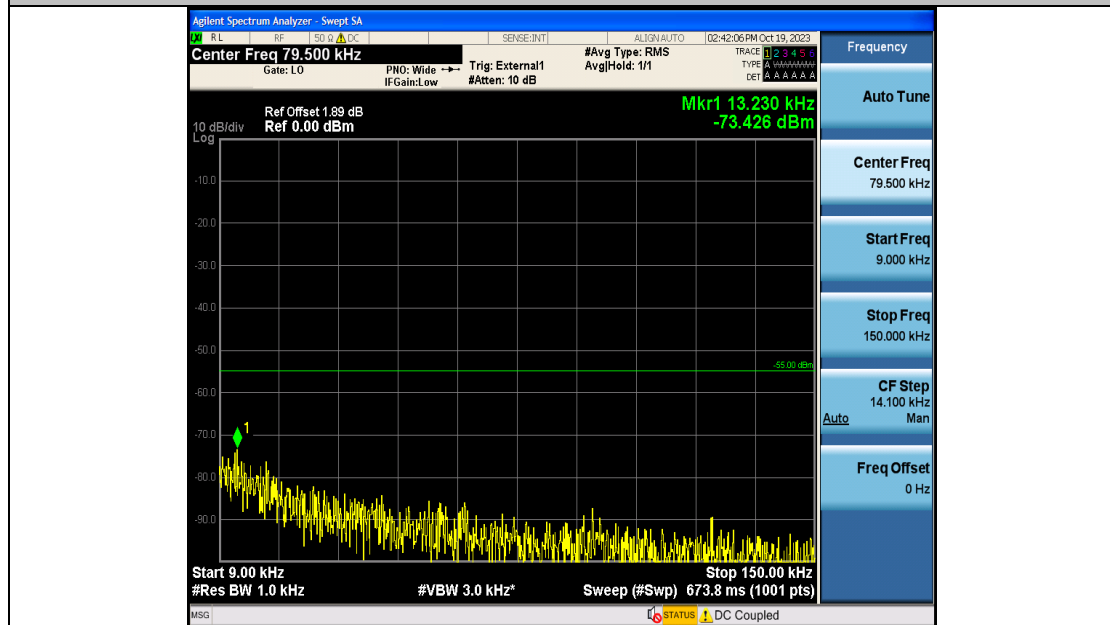
Band38_10MHz_16QAM_38200_50RB#0_20000~27000_20000~27000







Band38_15MHz_QPSK_37825_75RB#0_20000~27000_20000~27000



Band38_15MHz_16QAM_37825_75RB#0_0.009~0.15_0.009~0.15