

Appendix for Band 38

Product Name: GPS

Model No: MDT760

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.01	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.19	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.01	PASS
Band38	5MHz	QPSK	37775	12RB#0	23.12	PASS
Band38	5MHz	QPSK	37775	12RB#6	23.09	PASS
Band38	5MHz	QPSK	37775	12RB#13	23.08	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.07	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.93	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.08	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.92	PASS
Band38	5MHz	QPSK	38000	12RB#0	23.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	23.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	23.01	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.96	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.10	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.28	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.05	PASS
Band38	5MHz	QPSK	38225	12RB#0	23.14	PASS
Band38	5MHz	QPSK	38225	12RB#6	23.15	PASS
Band38	5MHz	QPSK	38225	12RB#13	23.08	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.10	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.92	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.07	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.92	PASS
Band38	5MHz	16QAM	37775	12RB#0	22.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	22.04	PASS
Band38	5MHz	16QAM	37775	12RB#13	22.01	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.05	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.93	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.07	PASS

Band38	5MHz	16QAM	38000	1RB#24	22.94	PASS
Band38	5MHz	16QAM	38000	12RB#0	22.03	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.99	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.99	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.94	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.91	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.05	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.90	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.12	PASS
Band38	5MHz	16QAM	38225	12RB#6	22.12	PASS
Band38	5MHz	16QAM	38225	12RB#13	22.08	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.14	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.07	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.36	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.05	PASS
Band38	10MHz	QPSK	37800	25RB#0	23.16	PASS
Band38	10MHz	QPSK	37800	25RB#12	23.14	PASS
Band38	10MHz	QPSK	37800	25RB#25	23.09	PASS
Band38	10MHz	QPSK	37800	50RB#0	23.12	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.09	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.33	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.06	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.06	PASS
Band38	10MHz	QPSK	38000	25RB#12	23.07	PASS
Band38	10MHz	QPSK	38000	25RB#25	23.01	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.99	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.09	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.43	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.09	PASS
Band38	10MHz	QPSK	38200	25RB#0	23.16	PASS
Band38	10MHz	QPSK	38200	25RB#12	23.14	PASS
Band38	10MHz	QPSK	38200	25RB#25	23.15	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.14	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.04	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.33	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.01	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.11	PASS

Band38	10MHz	16QAM	37800	25RB#12	22.09	PASS
Band38	10MHz	16QAM	37800	25RB#25	22.12	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.13	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.86	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.13	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.83	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.04	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.09	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.03	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.09	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.85	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.12	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.82	PASS
Band38	10MHz	16QAM	38200	25RB#0	22.12	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.13	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.15	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.18	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.04	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.09	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.91	PASS
Band38	15MHz	QPSK	37825	38RB#0	23.03	PASS
Band38	15MHz	QPSK	37825	38RB#18	23.06	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.93	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.19	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.91	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.97	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.84	PASS
Band38	15MHz	QPSK	38000	38RB#0	23.01	PASS
Band38	15MHz	QPSK	38000	38RB#18	23.04	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.92	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.09	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.01	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.12	PASS
Band38	15MHz	QPSK	38175	1RB#74	24.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.76	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.84	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.68	PASS

Band38	15MHz	QPSK	38175	75RB#0	23.24	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.01	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.08	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.93	PASS
Band38	15MHz	16QAM	37825	38RB#0	23.04	PASS
Band38	15MHz	16QAM	37825	38RB#18	23.07	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.91	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.07	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.01	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.04	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.93	PASS
Band38	15MHz	16QAM	38000	38RB#0	23.01	PASS
Band38	15MHz	16QAM	38000	38RB#18	23.05	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.92	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.04	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.79	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.85	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.73	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.76	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.83	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.73	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.15	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.93	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.48	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.77	PASS
Band38	20MHz	QPSK	37850	50RB#0	23.07	PASS
Band38	20MHz	QPSK	37850	50RB#25	23.06	PASS
Band38	20MHz	QPSK	37850	50RB#50	23.02	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.04	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.89	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.30	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.79	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.98	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.99	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.94	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.95	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.78	PASS

Band38	20MHz	QPSK	38150	1RB#49	24.29	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.81	PASS
Band38	20MHz	QPSK	38150	50RB#0	23.07	PASS
Band38	20MHz	QPSK	38150	50RB#25	23.10	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.99	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.07	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.78	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.23	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.67	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.01	PASS
Band38	20MHz	16QAM	37850	50RB#25	22.02	PASS
Band38	20MHz	16QAM	37850	50RB#50	22.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.04	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.94	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.34	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.86	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.99	PASS
Band38	20MHz	16QAM	38000	50RB#25	22.02	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.94	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.98	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.61	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.10	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.60	PASS
Band38	20MHz	16QAM	38150	50RB#0	22.12	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.13	PASS
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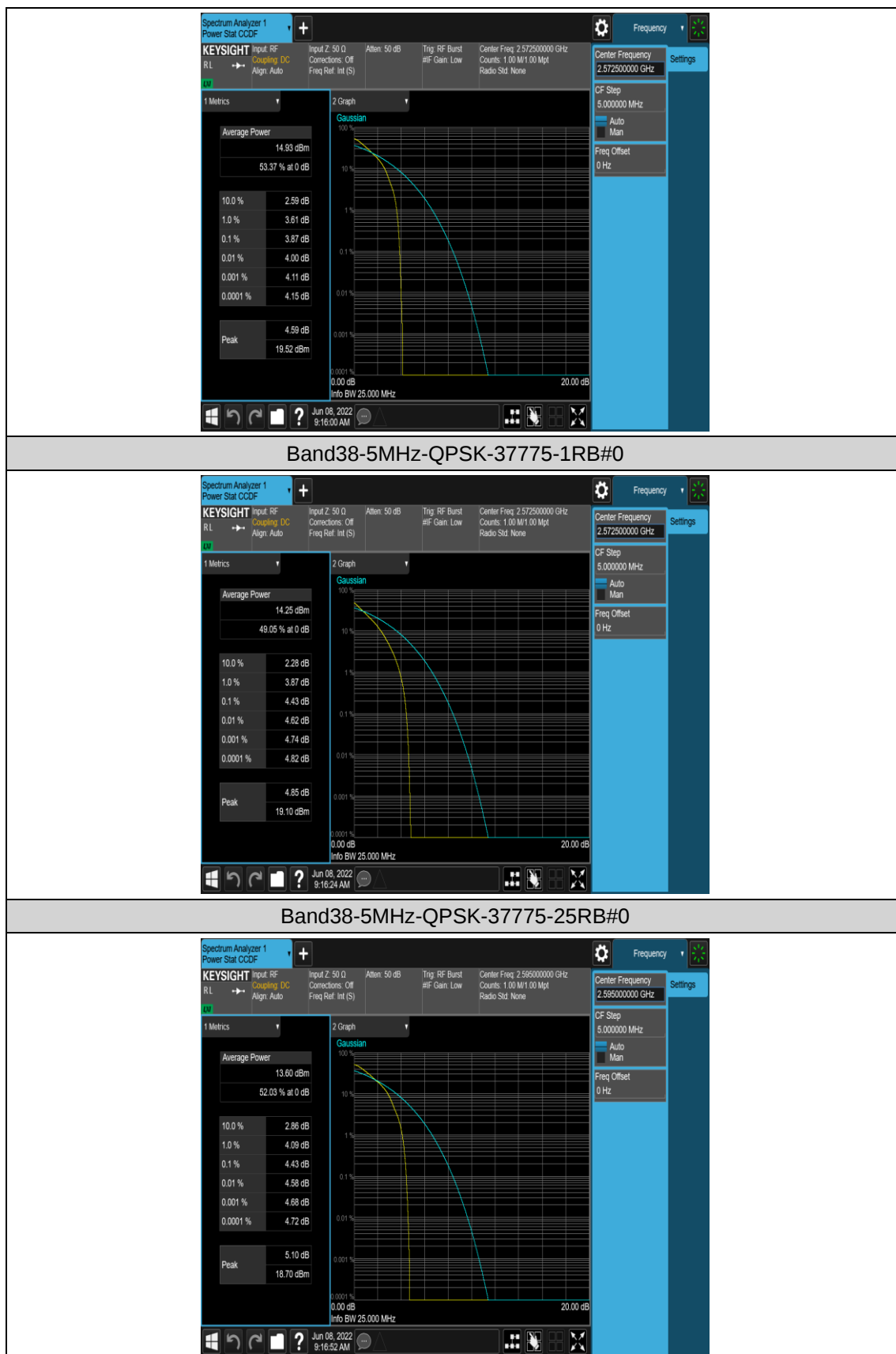
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

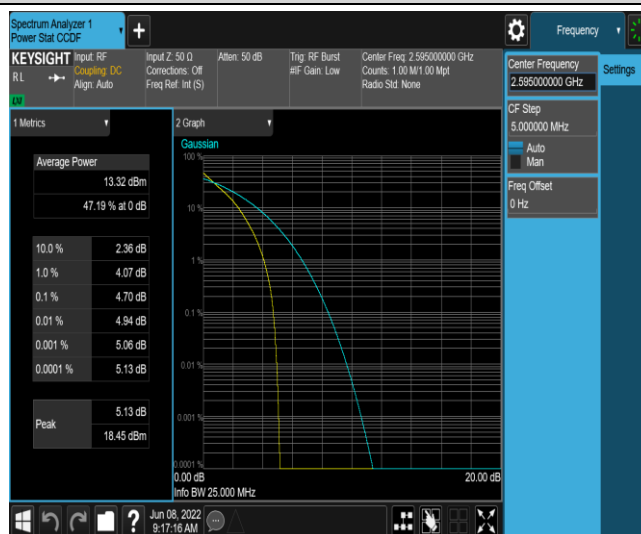
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	3.87	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	4.43	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	4.43	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.70	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	3.53	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.08	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	5.00	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	5.31	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	5.34	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	5.57	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	4.46	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	5.60	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	3.76	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	4.46	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	4.31	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	4.72	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	3.60	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	4.10	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	5.08	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	5.37	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	5.02	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	5.61	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	4.80	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	4.99	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	4.25	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	4.76	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	4.40	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	4.92	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	4.03	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	4.39	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	5.24	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	5.58	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	5.15	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	5.73	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	4.98	13	PASS

Band38	15MHz	16QAM	38175	75RB#0	5.26	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	3.91	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	4.92	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	4.59	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.02	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	4.15	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	4.72	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	5.02	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	5.68	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	5.28	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	5.78	13	PASS
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Band38	20MHz	16QAM	38150	100RB#0	5.52	13	PASS

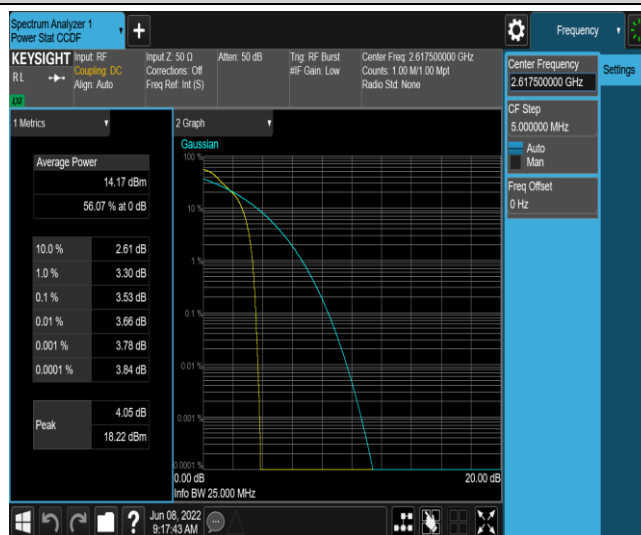
Test Graphs



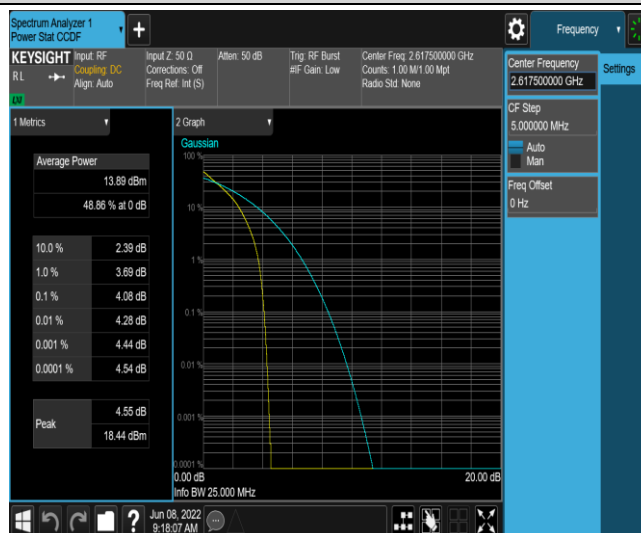
Band38-5MHz-QPSK-38000-1RB#0



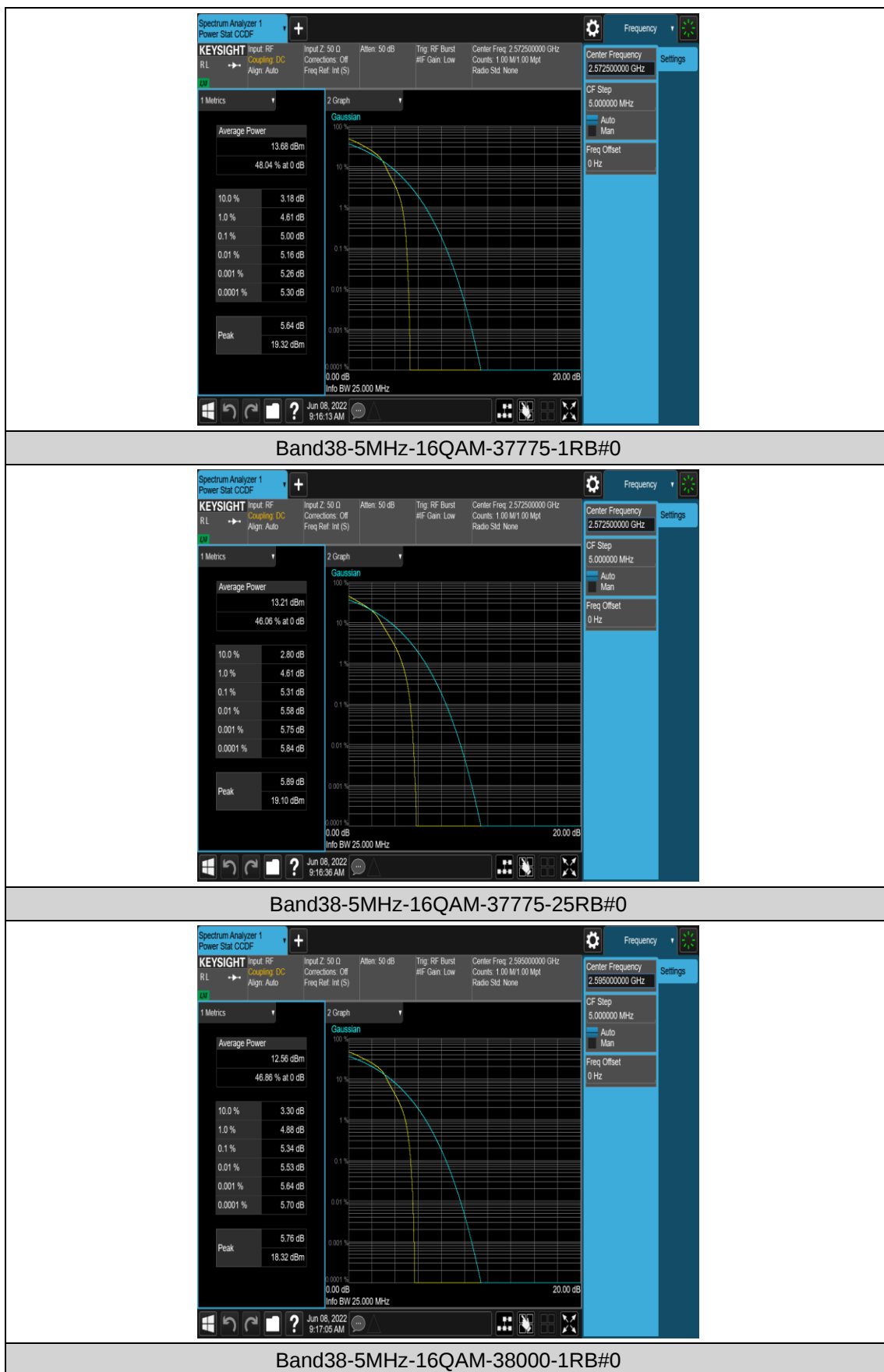
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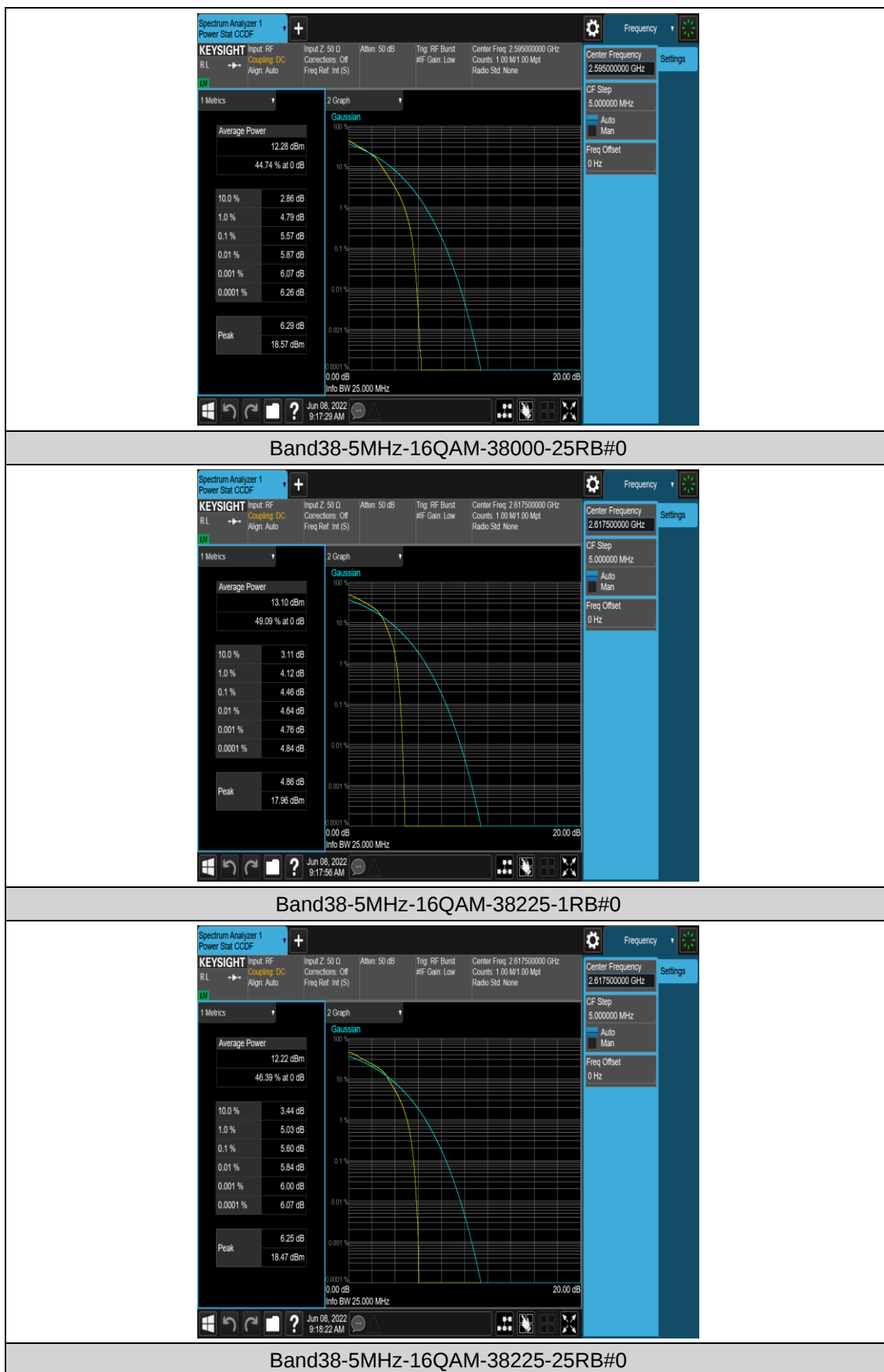


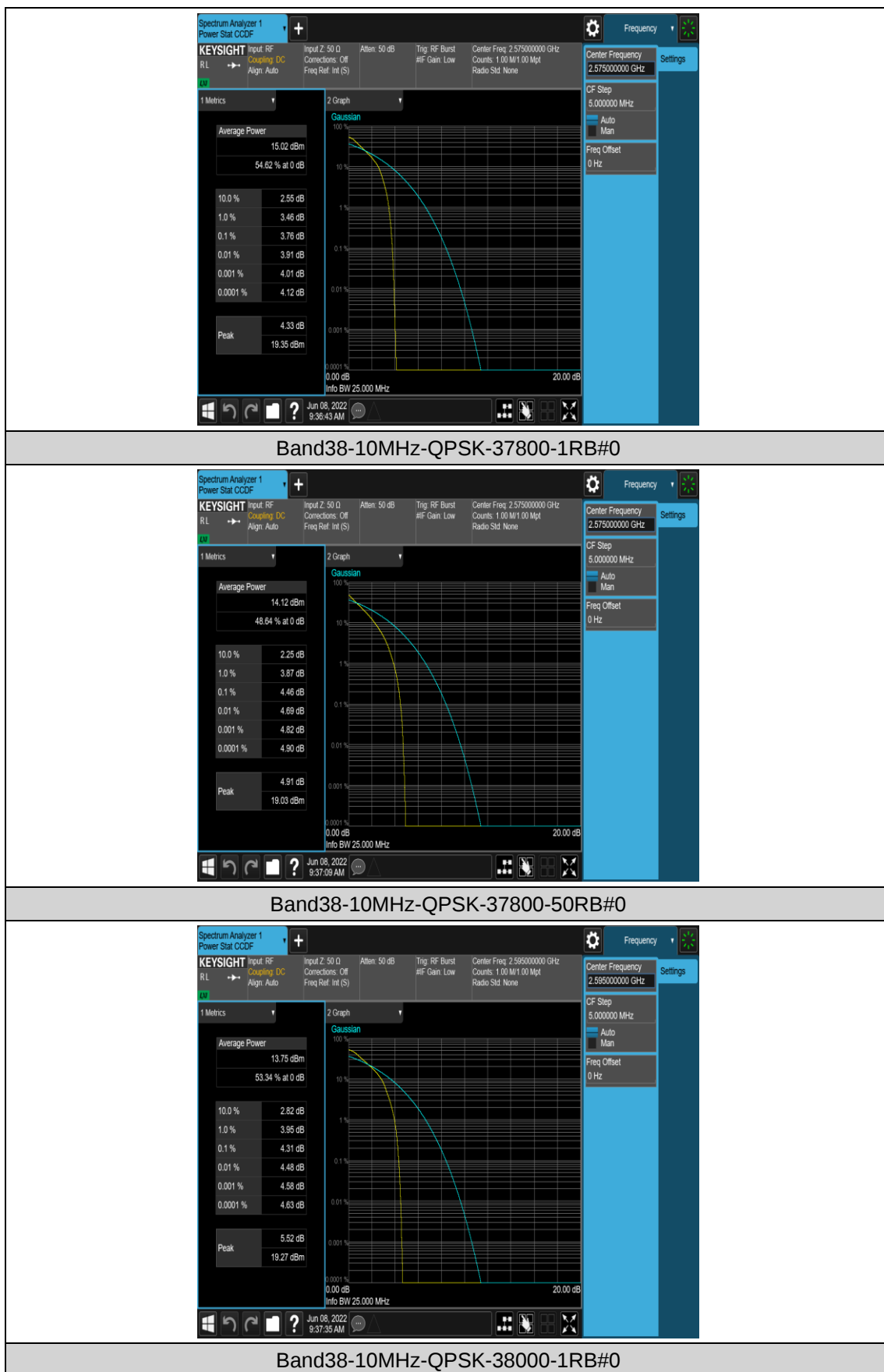
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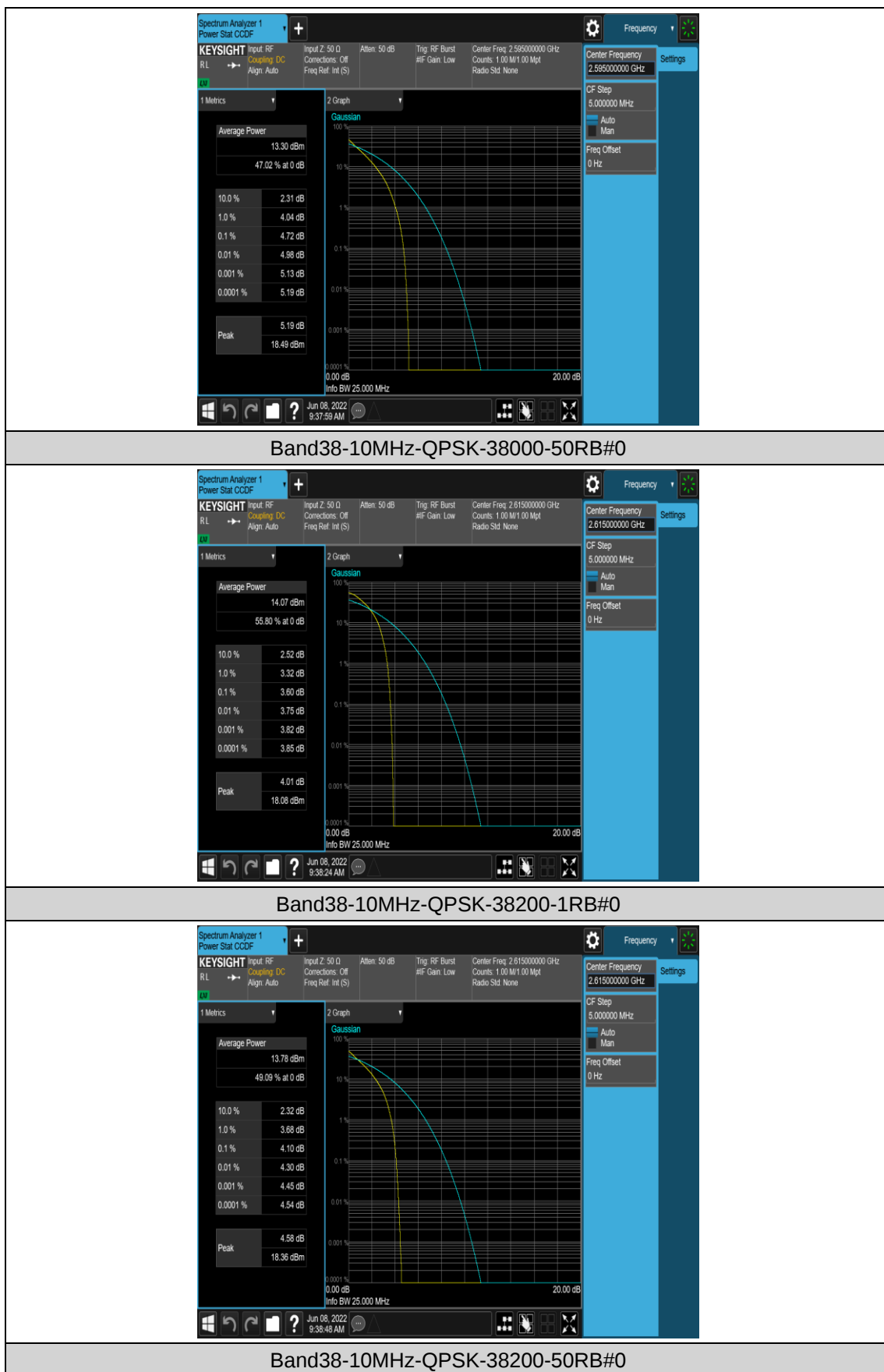


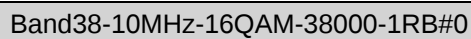
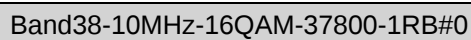
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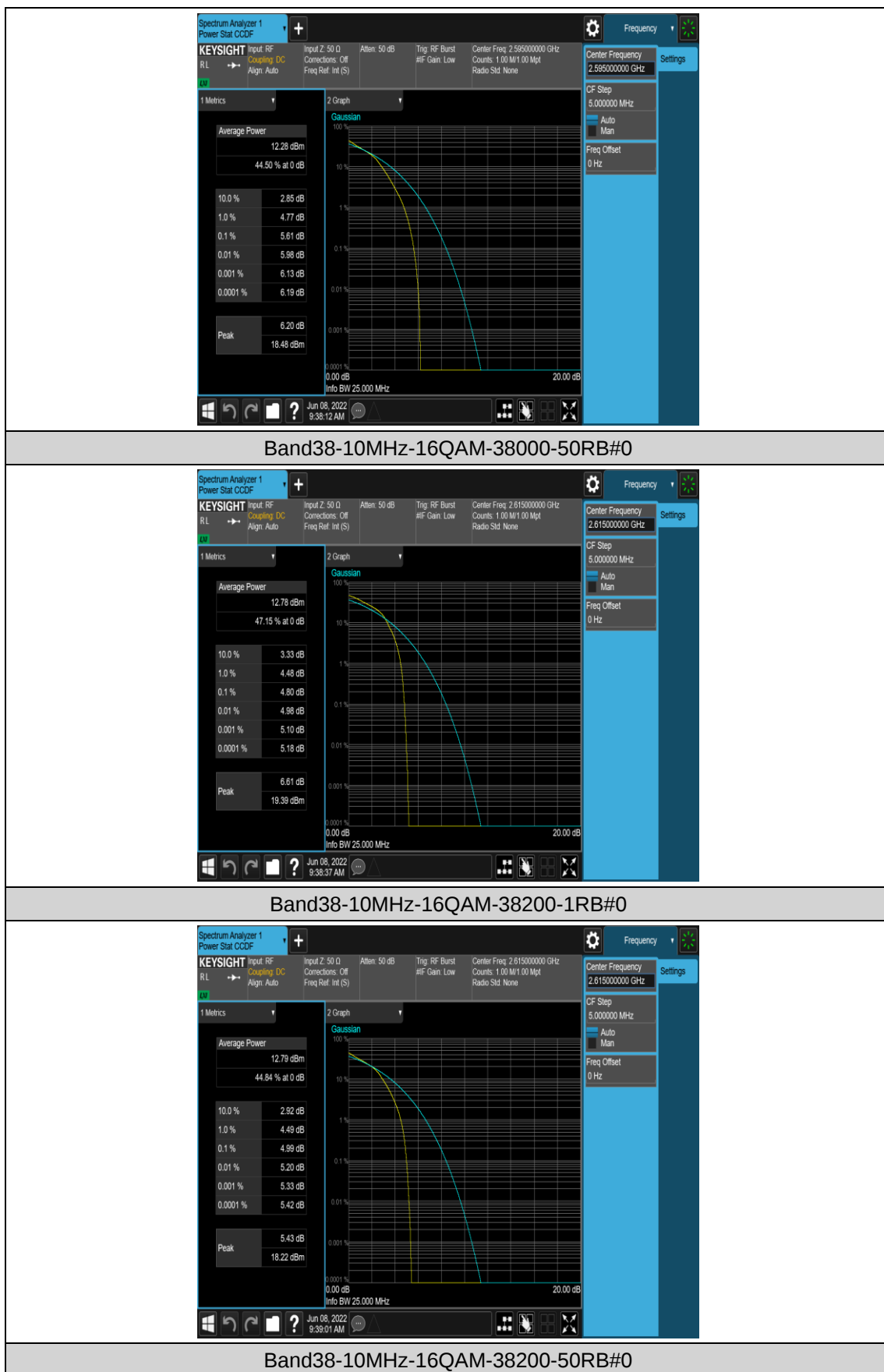


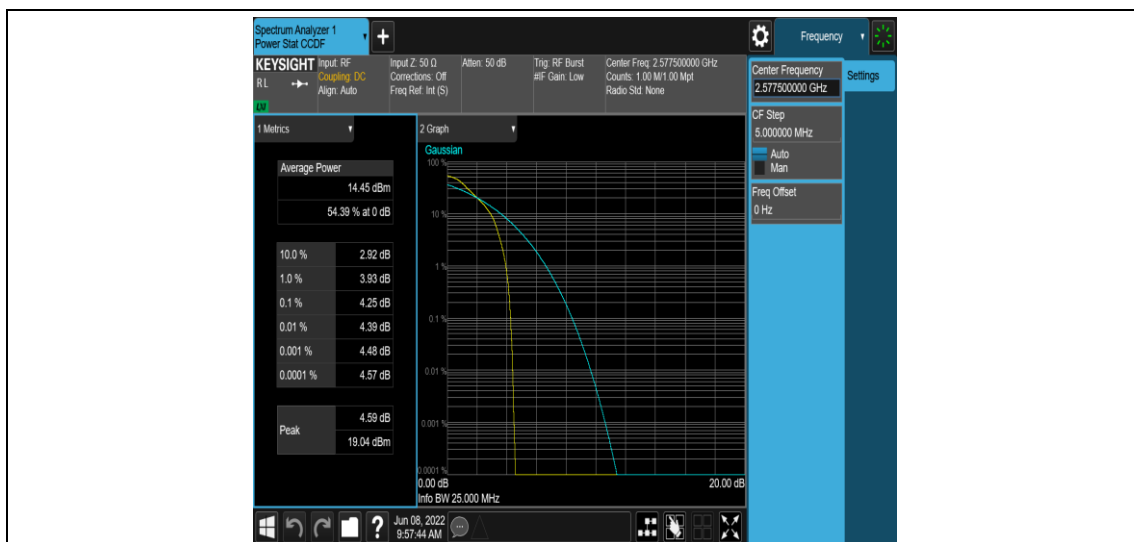








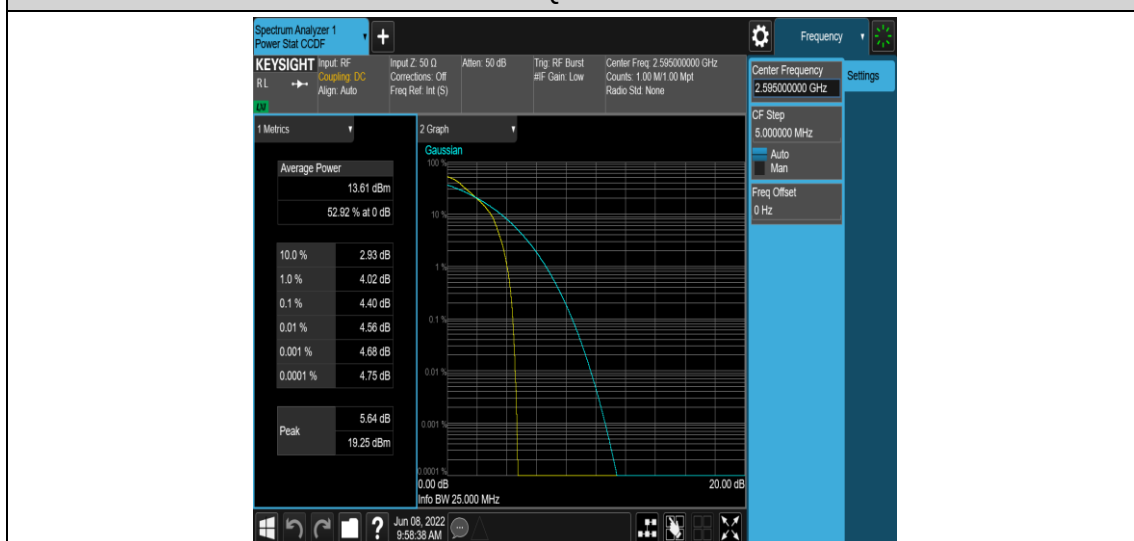




Band38-15MHz-QPSK-37825-1RB#0

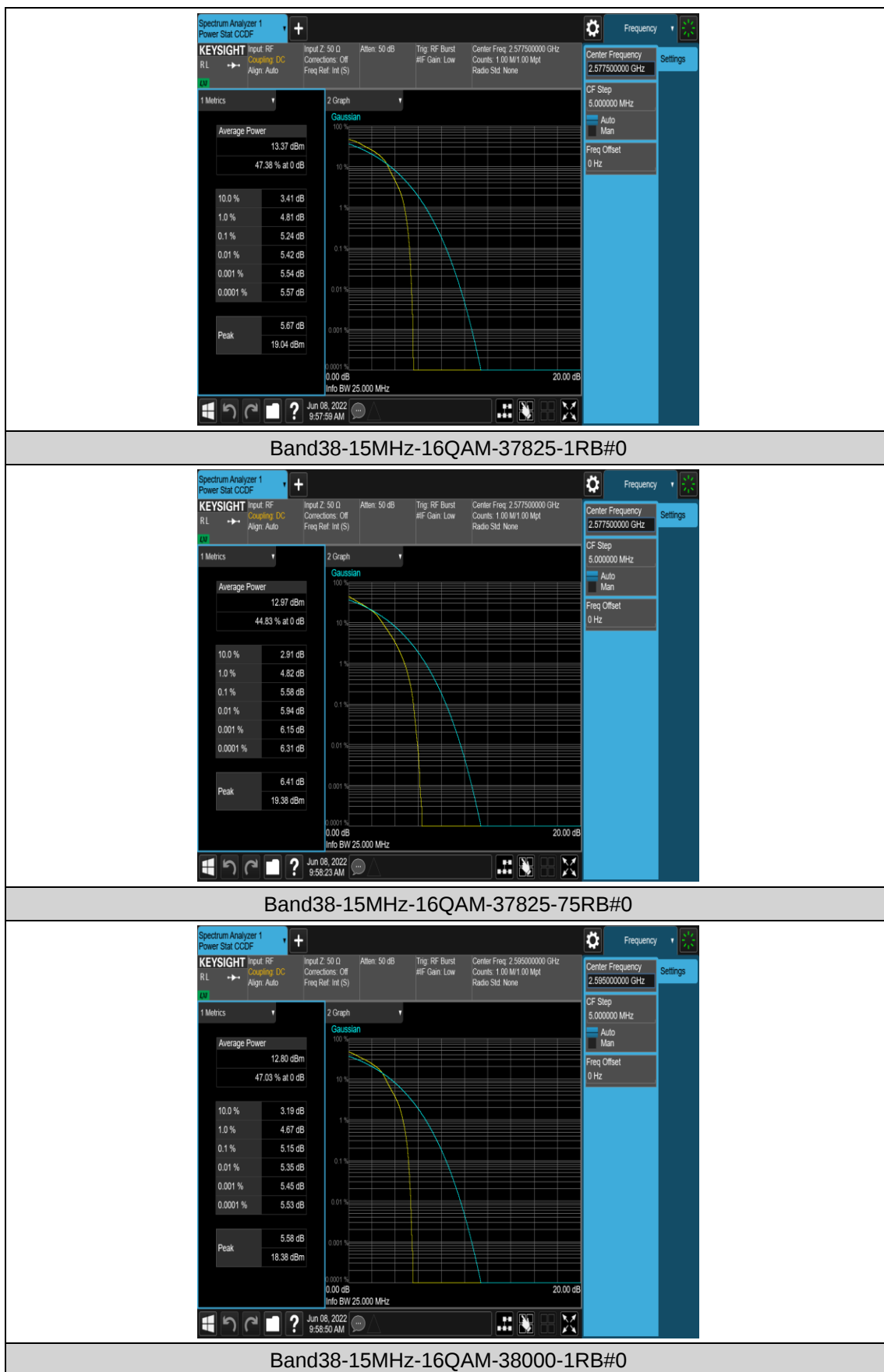


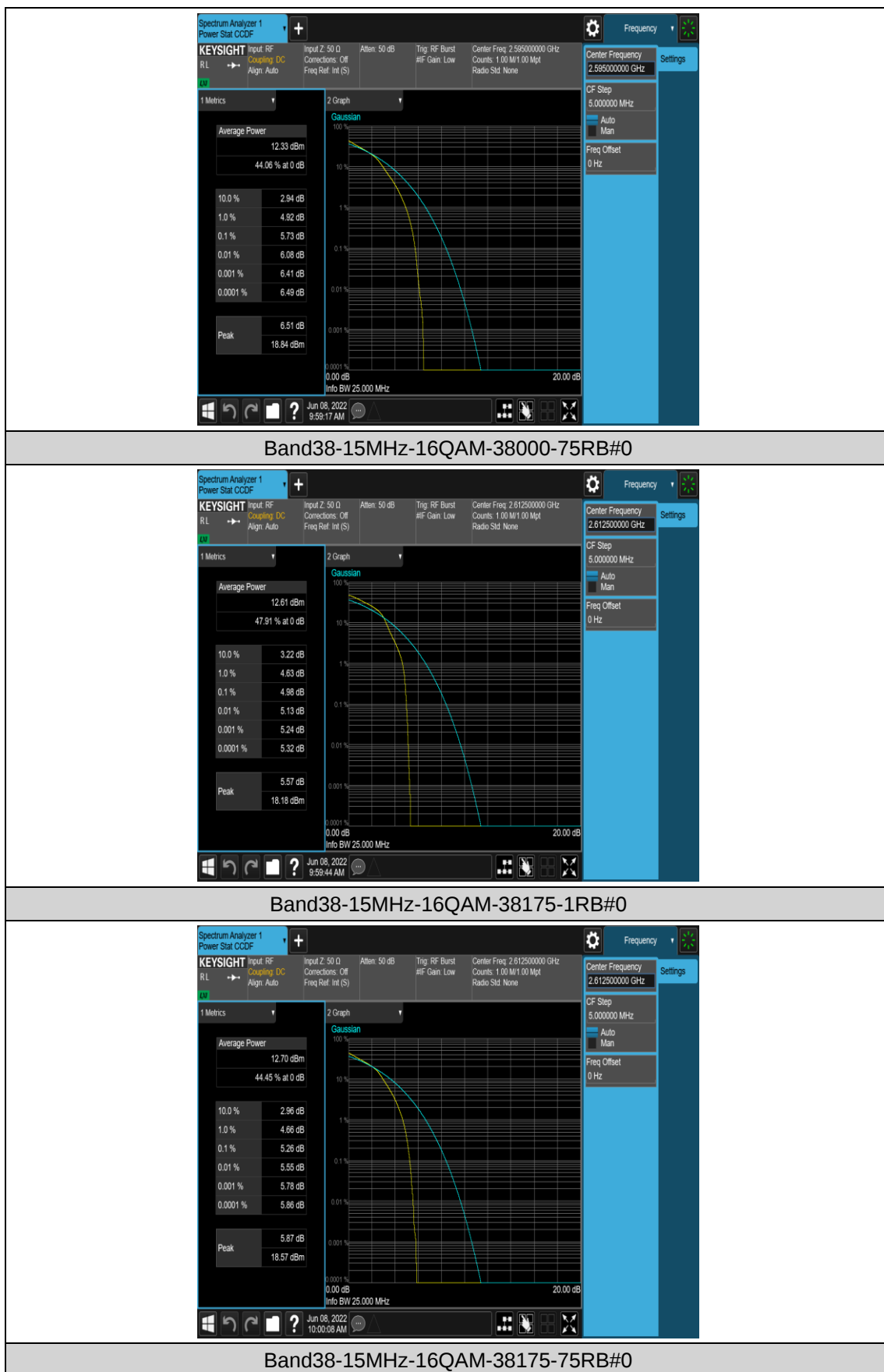
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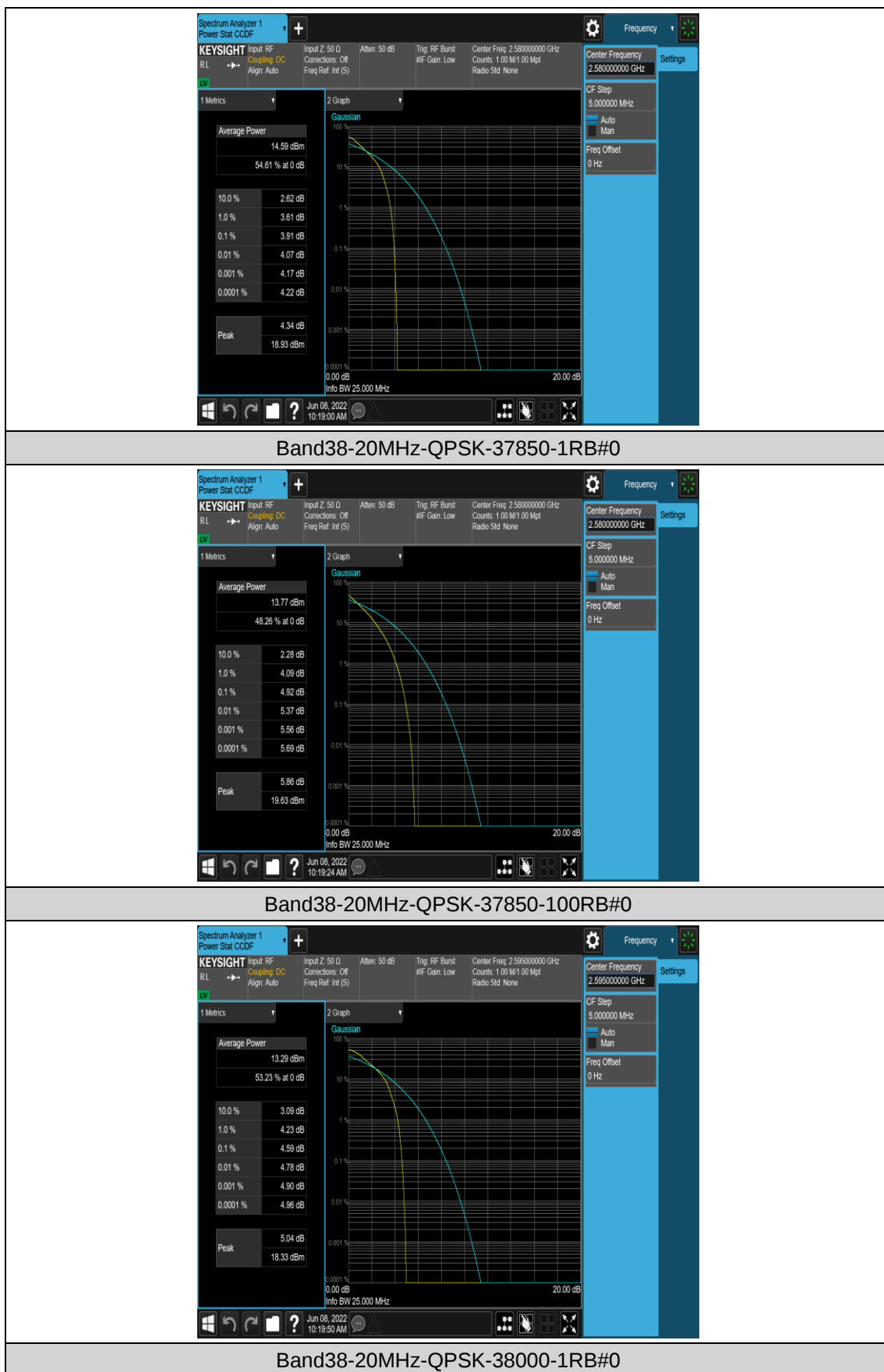


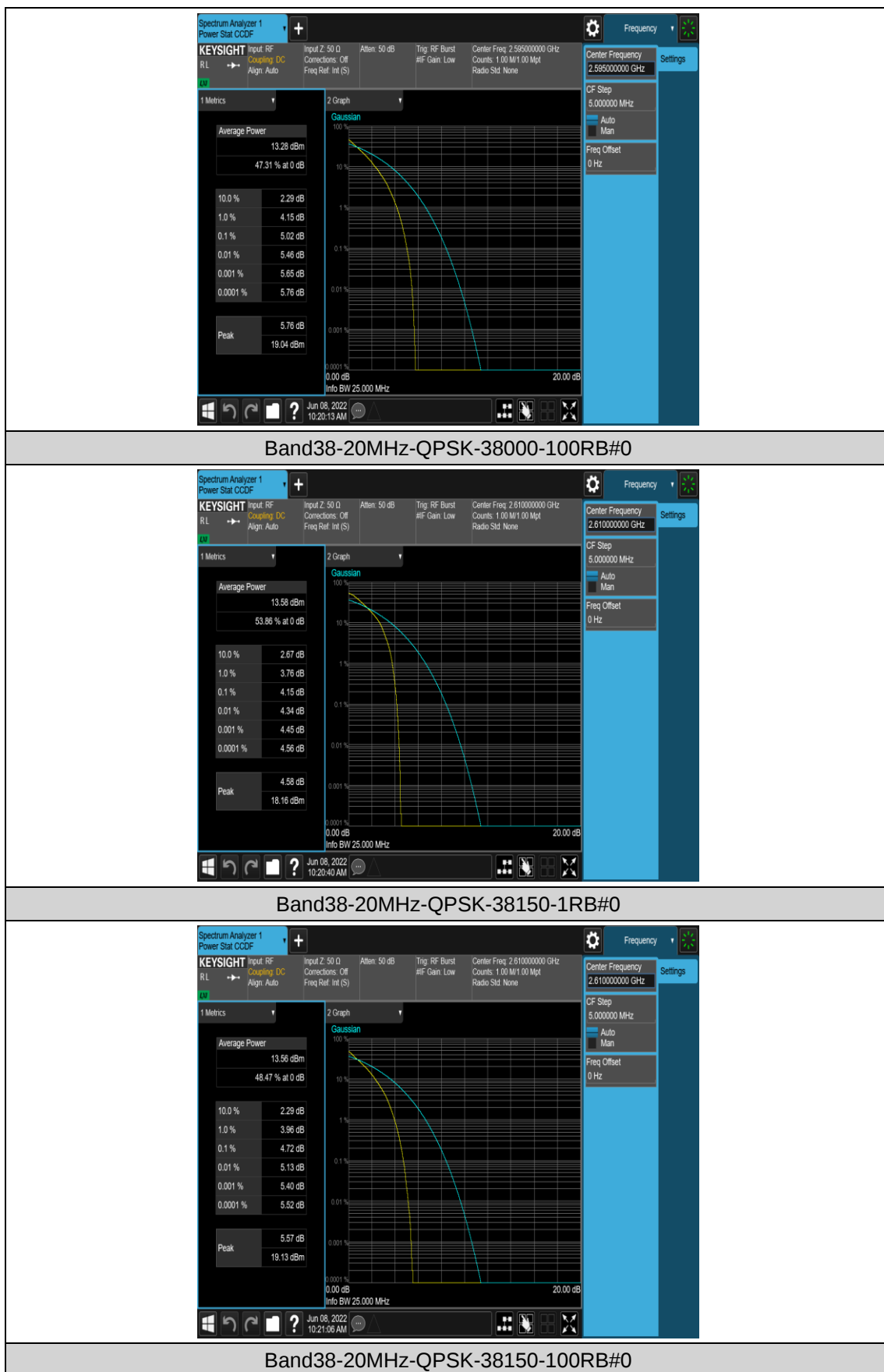
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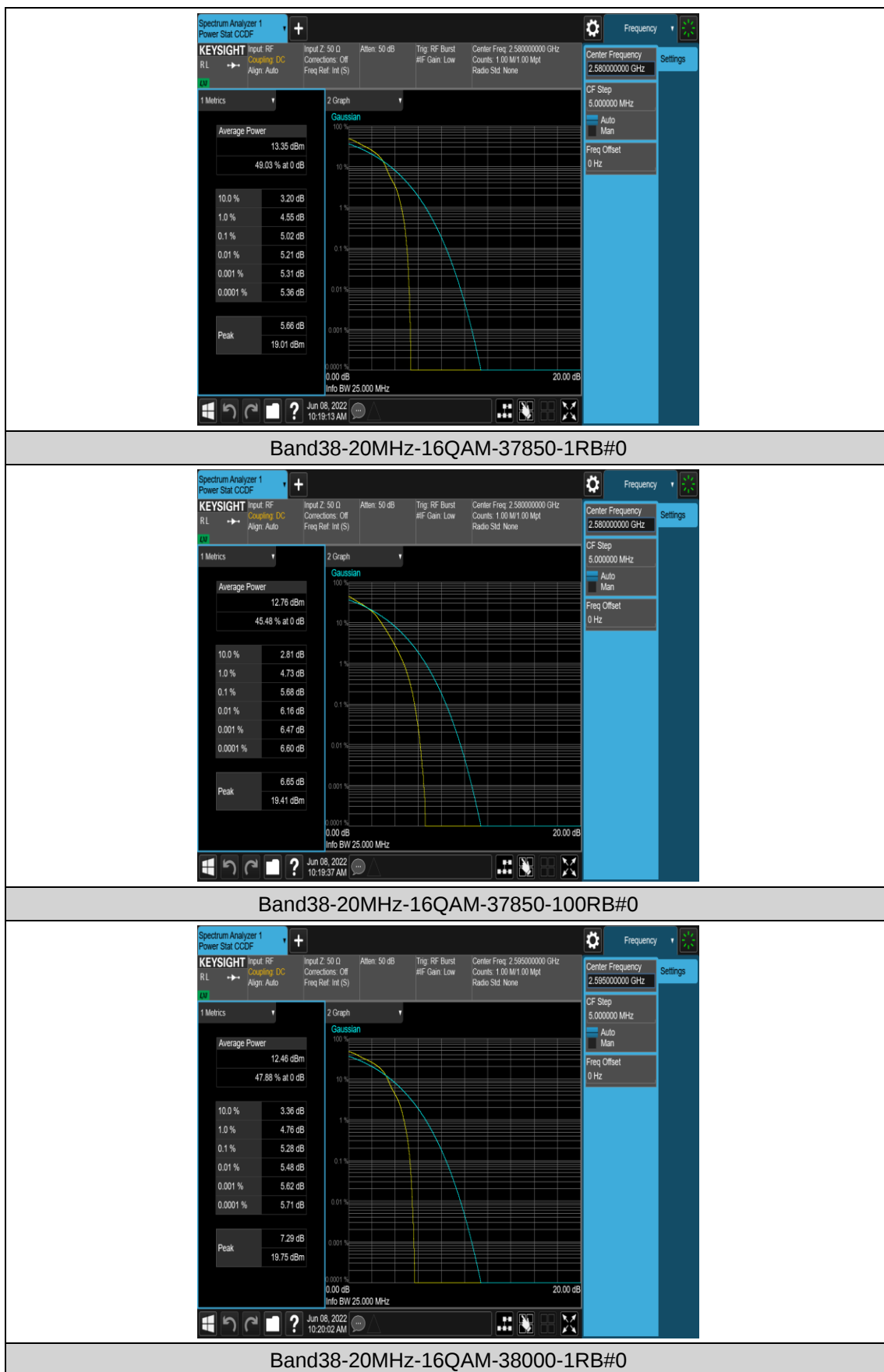


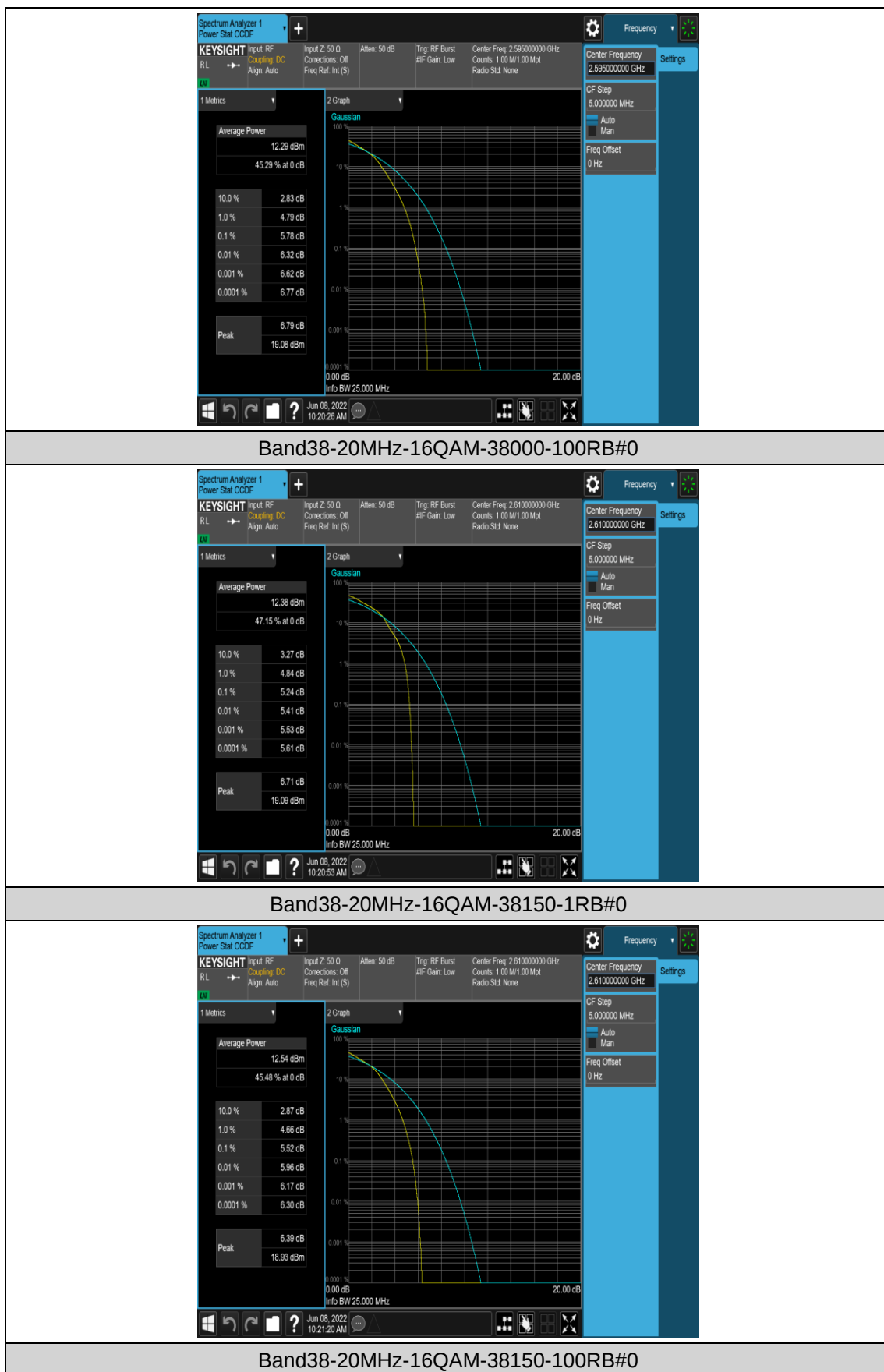










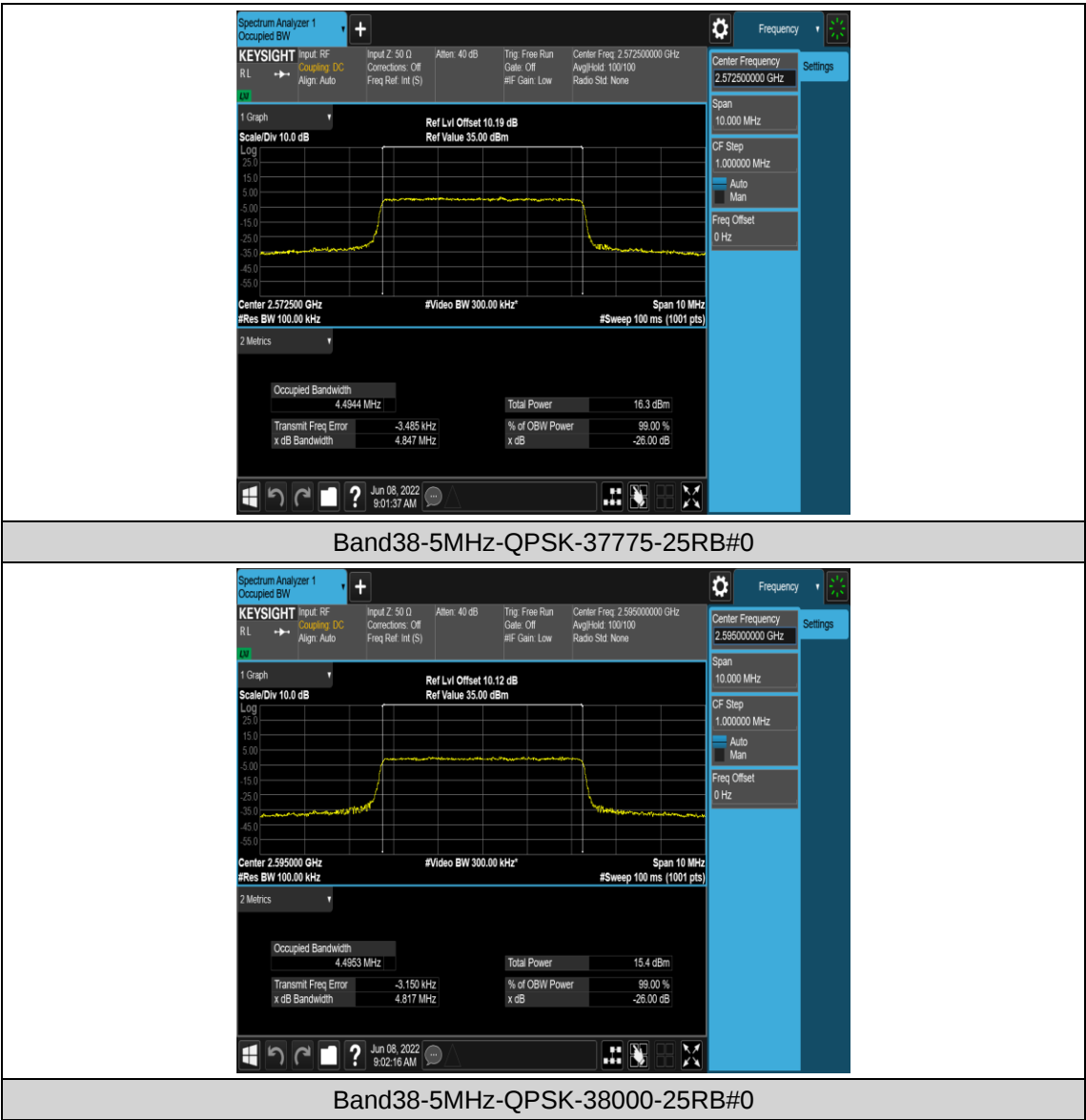


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

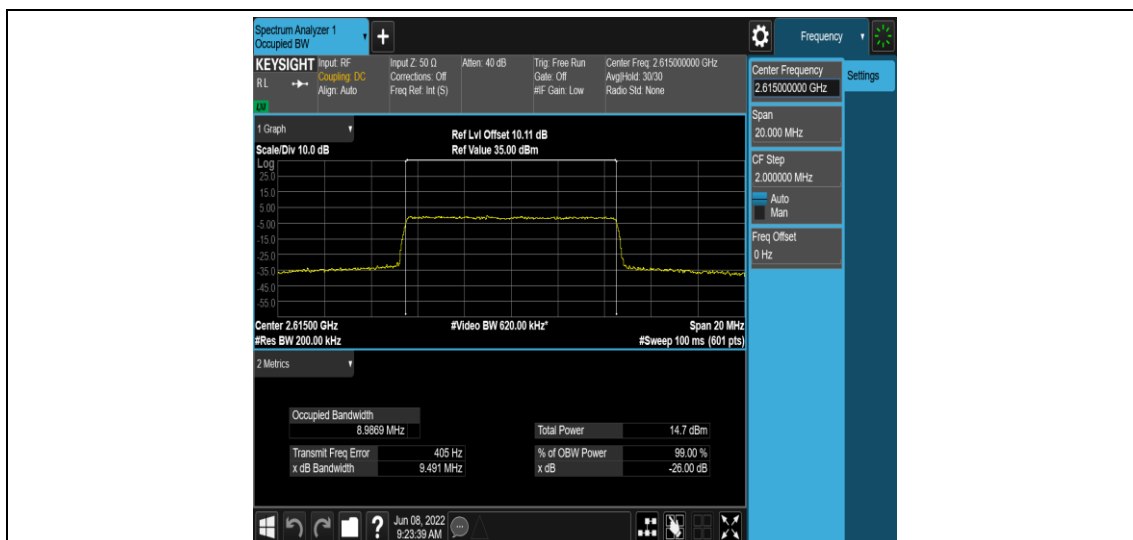
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.4944	4.847	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4953	4.817	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4996	4.845	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4930	4.805	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4924	4.811	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5089	4.775	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9784	9.506	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9828	9.504	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9869	9.491	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9853	9.515	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9848	9.515	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9869	9.514	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.496	14.27	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.481	14.28	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.495	14.32	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.482	14.30	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.471	14.25	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.480	14.28	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.959	18.96	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.946	18.95	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.944	19.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.940	18.93	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.929	18.94	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.951	18.94	PASS

Test Graphs

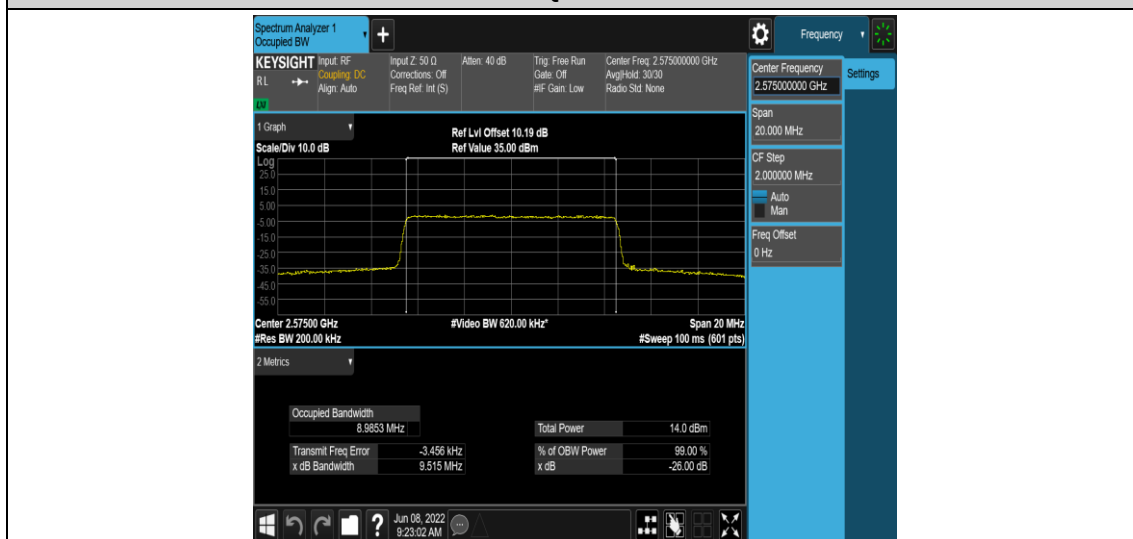




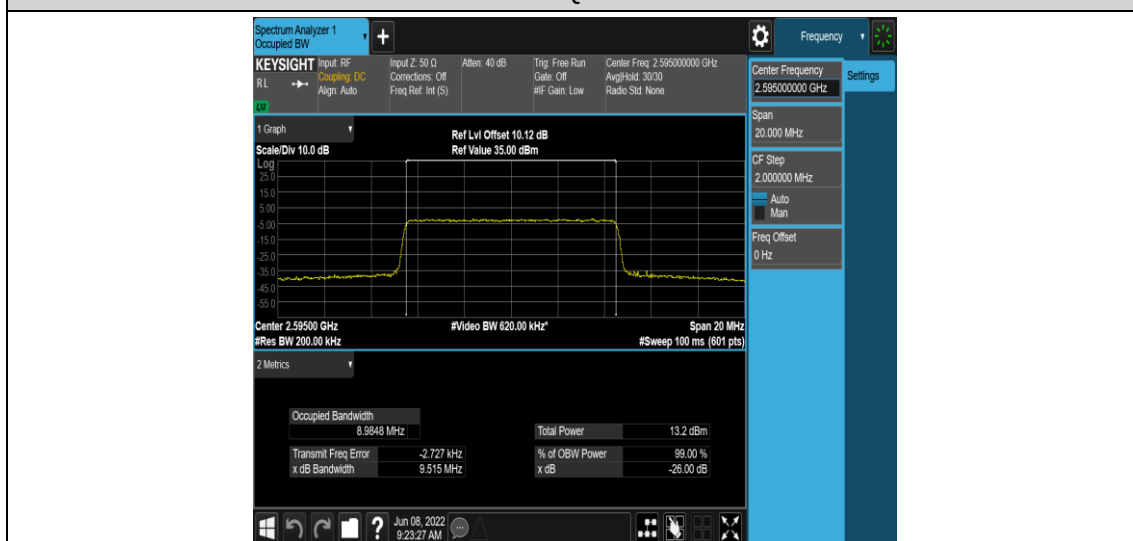




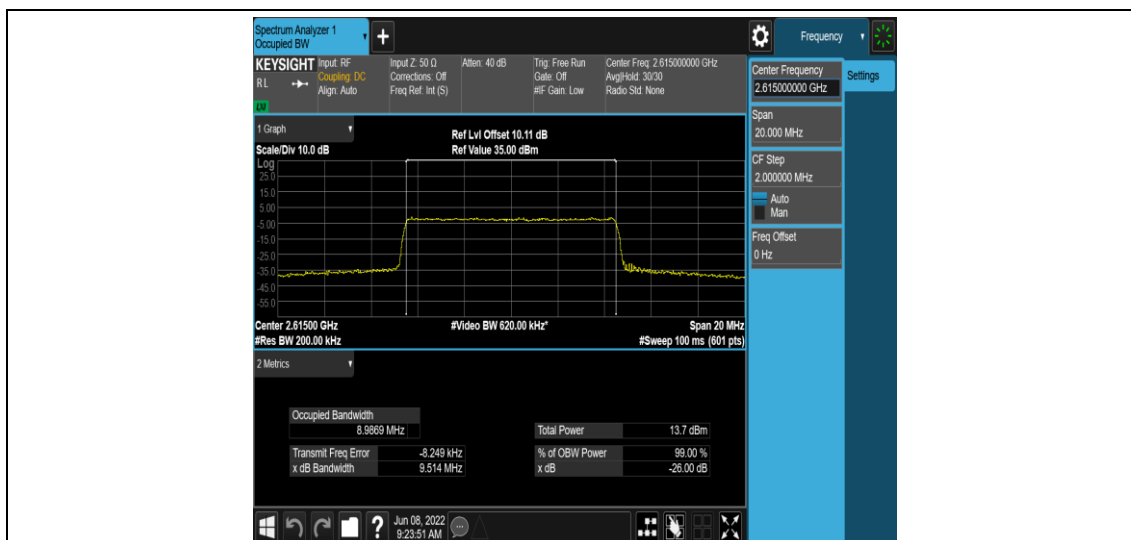
Band38-10MHz-QPSK-38200-50RB#0



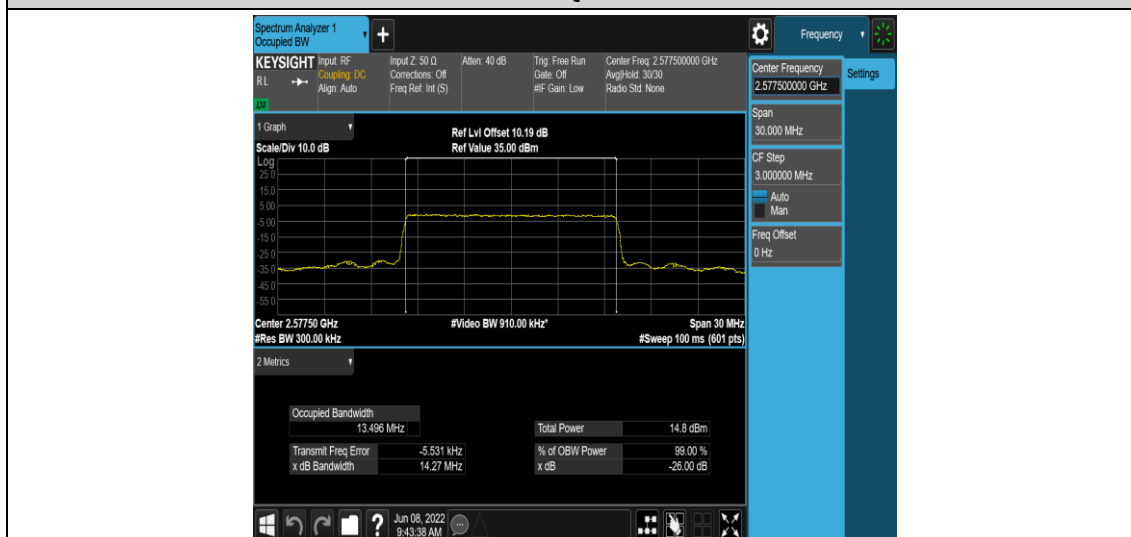
Band38-10MHz-16QAM-37800-50RB#0



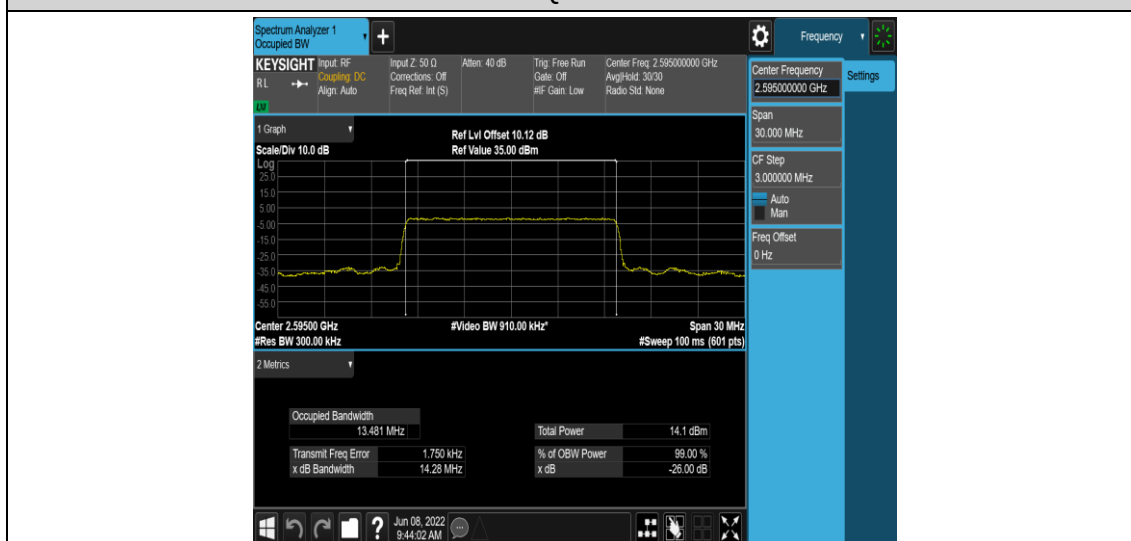
Band38-10MHz-16QAM-38000-50RB#0



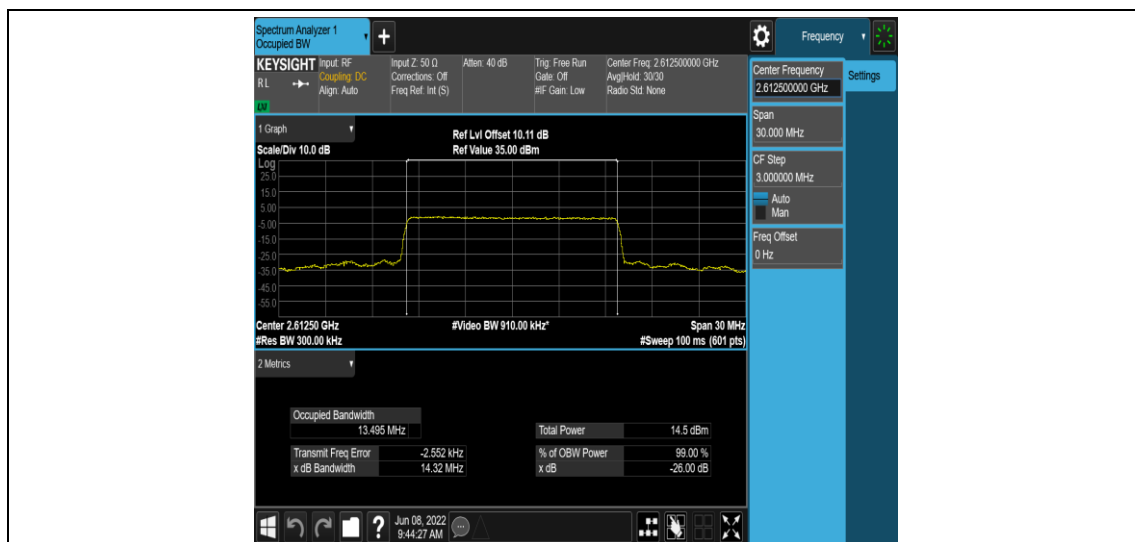
Band38-10MHz-16QAM-38200-50RB#0



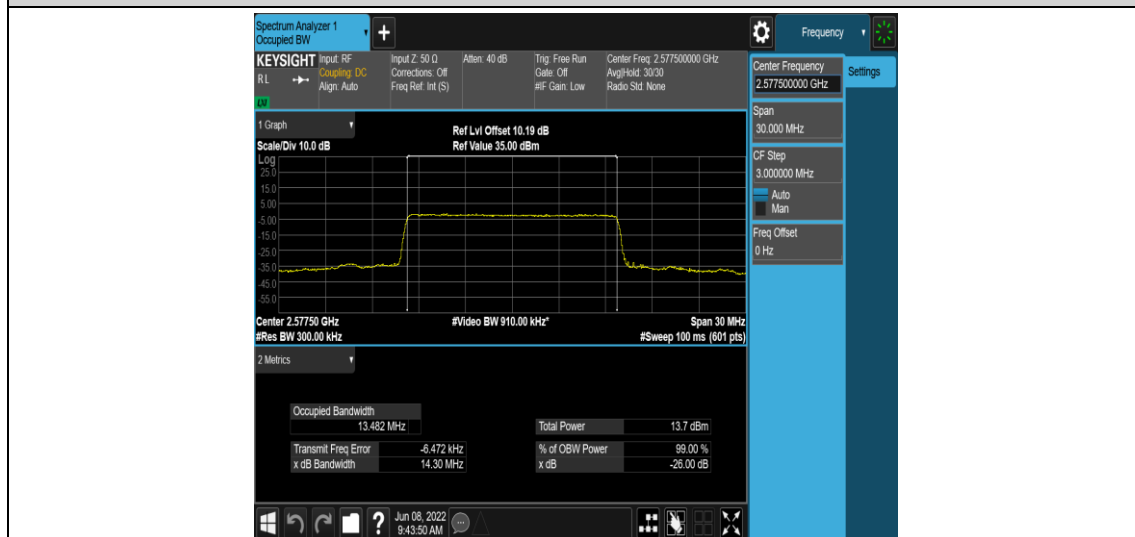
Band38-15MHz-QPSK-37825-75RB#0



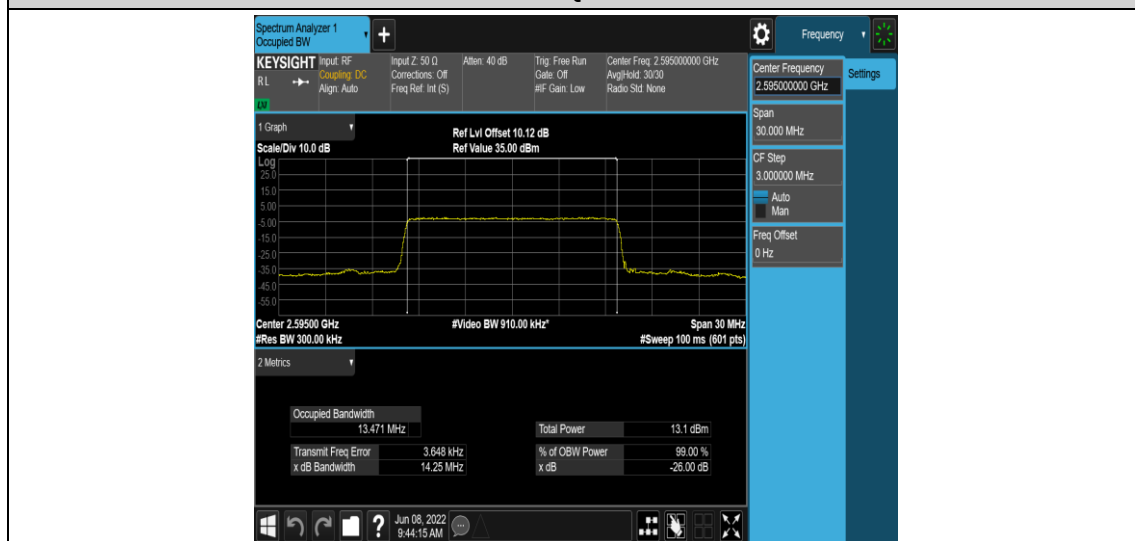
Band38-15MHz-QPSK-38000-75RB#0



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

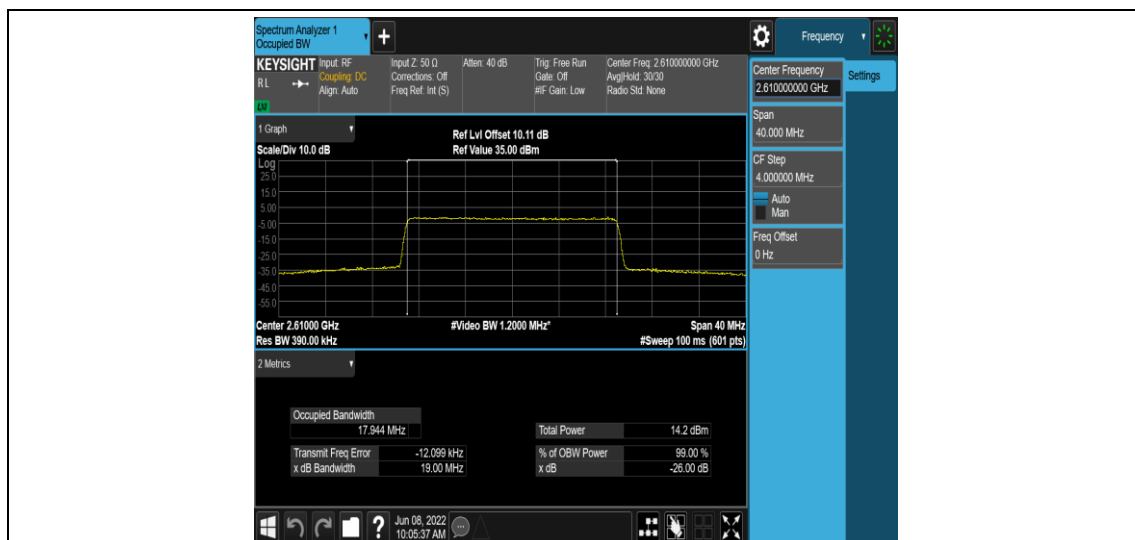


Band38-15MHz-16QAM-37825-75RB#0

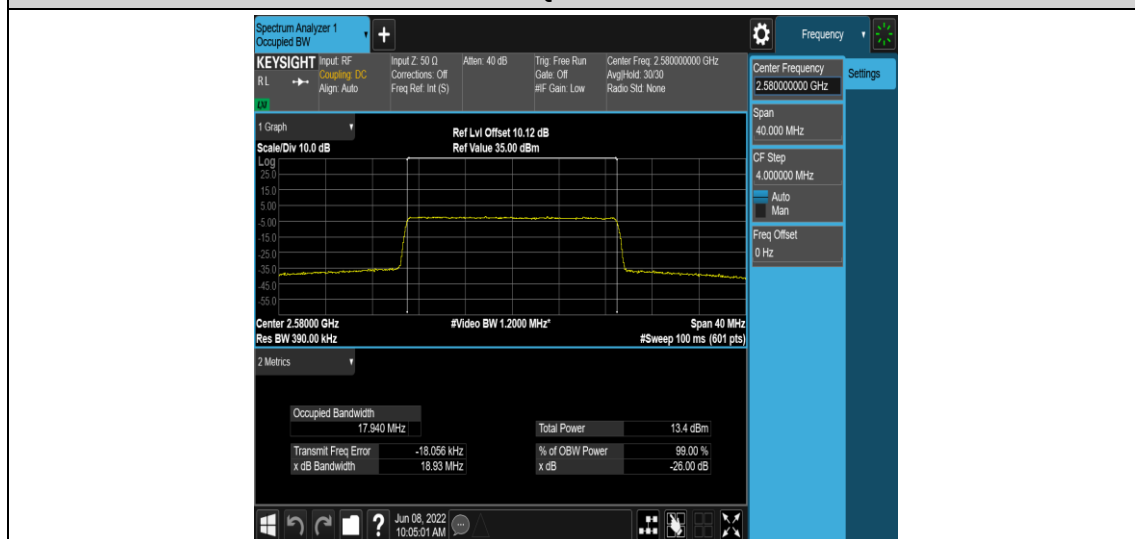


Band38-15MHz-16QAM-38000-75RB#0

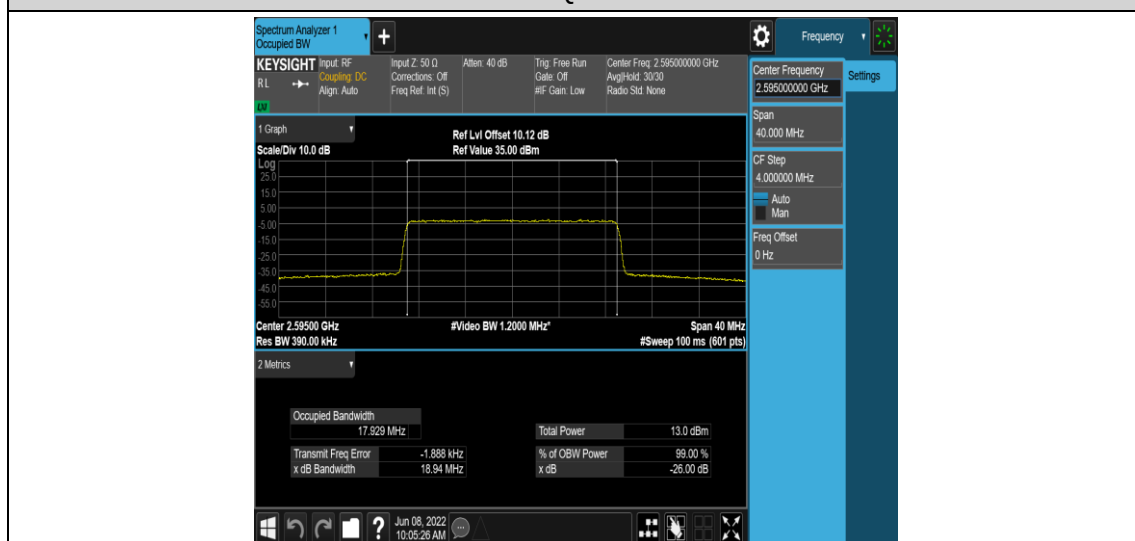




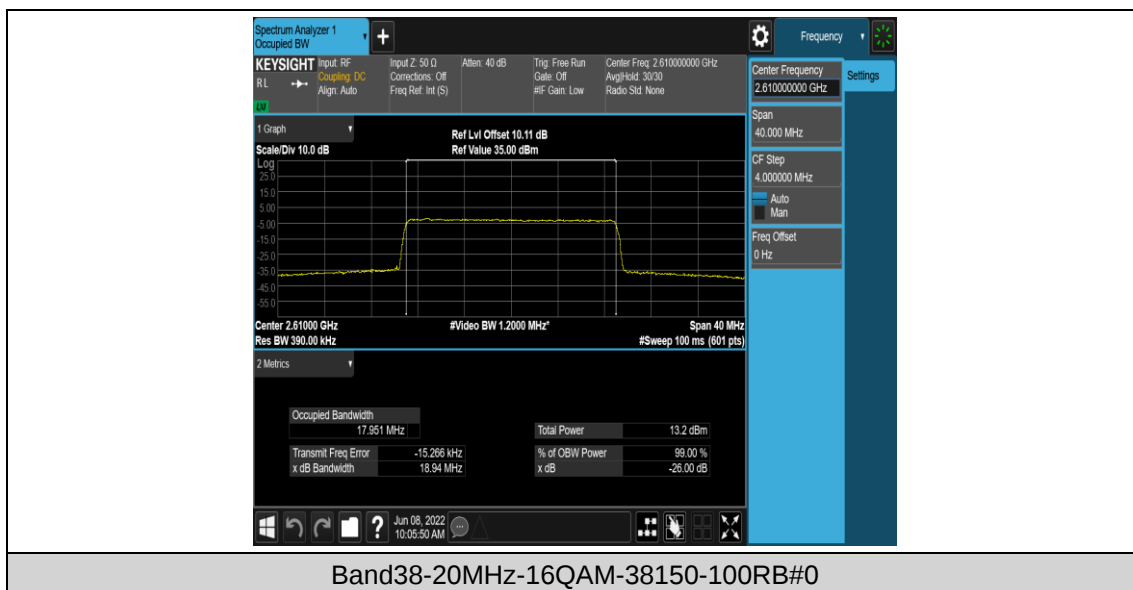
Band38-20MHz-QPSK-38150-100RB#0



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



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



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band38	5MHz	QPSK	37775	1RB#0	PASS
Band38	5MHz	QPSK	37775	1RB#24	PASS
Band38	5MHz	QPSK	37775	25RB#0	PASS
Band38	5MHz	QPSK	38225	1RB#0	PASS
Band38	5MHz	QPSK	38225	1RB#24	PASS
Band38	5MHz	QPSK	38225	25RB#0	PASS
Band38	5MHz	16QAM	37775	1RB#0	PASS
Band38	5MHz	16QAM	37775	1RB#24	PASS
Band38	5MHz	16QAM	37775	25RB#0	PASS
Band38	5MHz	16QAM	38225	1RB#0	PASS
Band38	5MHz	16QAM	38225	1RB#24	PASS
Band38	5MHz	16QAM	38225	25RB#0	PASS
Band38	10MHz	QPSK	37800	1RB#0	PASS
Band38	10MHz	QPSK	37800	1RB#49	PASS
Band38	10MHz	QPSK	37800	50RB#0	PASS
Band38	10MHz	QPSK	38200	1RB#0	PASS
Band38	10MHz	QPSK	38200	1RB#49	PASS
Band38	10MHz	QPSK	38200	50RB#0	PASS
Band38	10MHz	16QAM	37800	1RB#0	PASS
Band38	10MHz	16QAM	37800	1RB#49	PASS
Band38	10MHz	16QAM	37800	50RB#0	PASS
Band38	10MHz	16QAM	38200	1RB#0	PASS
Band38	10MHz	16QAM	38200	1RB#49	PASS
Band38	10MHz	16QAM	38200	50RB#0	PASS
Band38	15MHz	QPSK	37825	1RB#0	PASS
Band38	15MHz	QPSK	37825	1RB#74	PASS
Band38	15MHz	QPSK	37825	75RB#0	PASS
Band38	15MHz	QPSK	38175	1RB#0	PASS
Band38	15MHz	QPSK	38175	1RB#74	PASS
Band38	15MHz	QPSK	38175	75RB#0	PASS
Band38	15MHz	16QAM	37825	1RB#0	PASS
Band38	15MHz	16QAM	37825	1RB#74	PASS
Band38	15MHz	16QAM	37825	75RB#0	PASS
Band38	15MHz	16QAM	38175	1RB#0	PASS
Band38	15MHz	16QAM	38175	1RB#74	PASS