Appendix for Band 38

Product Name: Industrial tablet
Model No: SD100

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.93	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.09	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.90	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.99	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.98	PASS
Band38	5MHz	QPSK	37775	12RB#13	23.01	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.91	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.11	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.94	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.99	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.97	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.97	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	24.32	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.11	PASS
Band38	5MHz	QPSK	38225	12RB#0	23.18	PASS
Band38	5MHz	QPSK	38225	12RB#6	23.19	PASS
Band38	5MHz	QPSK	38225	12RB#13	23.12	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.13	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.82	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.97	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.81	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.89	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.92	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.92	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.97	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.82	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.99	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.86	PASS

Band38	5MHz	16QAM	38000	12RB#0	21.96	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.95	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.93	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.94	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.08	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.19	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.04	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.15	PASS
Band38	5MHz	16QAM	38225	12RB#6	22.18	PASS
Band38	5MHz	16QAM	38225	12RB#13	22.13	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.11	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.01	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.22	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.90	PASS
Band38	10MHz	QPSK	37800	25RB#0	23.07	PASS
Band38	10MHz	QPSK	37800	25RB#12	23.06	PASS
Band38	10MHz	QPSK	37800	25RB#25	23.02	PASS
Band38	10MHz	QPSK	37800	50RB#0	23.01	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.99	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.30	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.09	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.01	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.99	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.98	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.98	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.13	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.45	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.13	PASS
Band38	10MHz	QPSK	38200	25RB#0	23.18	PASS
Band38	10MHz	QPSK	38200	25RB#12	23.18	PASS
Band38	10MHz	QPSK	38200	25RB#25	23.14	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.18	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.98	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.22	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.95	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.98	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.96	PASS

Band38	10MHz	16QAM	37800	25RB#25	22.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.79	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.04	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.81	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.02	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.98	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.98	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.87	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.17	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.86	PASS
Band38	10MHz	16QAM	38200	25RB#0	22.15	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.15	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.16	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.17	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.98	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	23.80	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.92	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.97	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.78	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.06	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.86	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.95	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.91	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.93	PASS
Band38	15MHz	QPSK	38000	38RB#18	23.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.96	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.07	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.03	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.13	PASS
Band38	15MHz	QPSK	38175	1RB#74	24.09	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.83	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.87	PASS
Band38	15MHz	QPSK	38175	38RB#37	22.72	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.29	PASS

Band38	15MHz	16QAM	37825	1RB#0	22.92	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.96	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.83	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.91	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.97	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.80	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.96	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.94	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.04	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.94	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.93	PASS
Band38	15MHz	16QAM	38000	38RB#18	23.01	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.94	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.01	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.79	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.87	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.77	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.82	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.85	PASS
Band38	15MHz	16QAM	38175	38RB#37	22.74	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.18	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.84	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.28	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.71	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.94	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.91	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.98	PASS
Band38	20MHz	QPSK	37850	100RB#0	22.96	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.77	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.31	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.88	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.92	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.94	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.90	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.94	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.81	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.49	PASS

Band38	20MHz	QPSK	38150	1RB#99	23.89	PASS
Band38	20MHz	QPSK	38150	50RB#0	23.15	PASS
Band38	20MHz	QPSK	38150	50RB#25	23.16	PASS
Band38	20MHz	QPSK	38150	50RB#50	23.02	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.06	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.69	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.13	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.59	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.93	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.85	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.99	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.99	PASS
Band38	20MHz	16QAM	38000	1RB#0	22.84	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.33	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.90	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.91	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.94	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.89	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.90	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.64	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.14	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.61	PASS
Band38	20MHz	16QAM	38150	50RB#0	22.18	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.18	PASS
Band38	20MHz	16QAM	38150	50RB#50	22.02	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.08	PASS

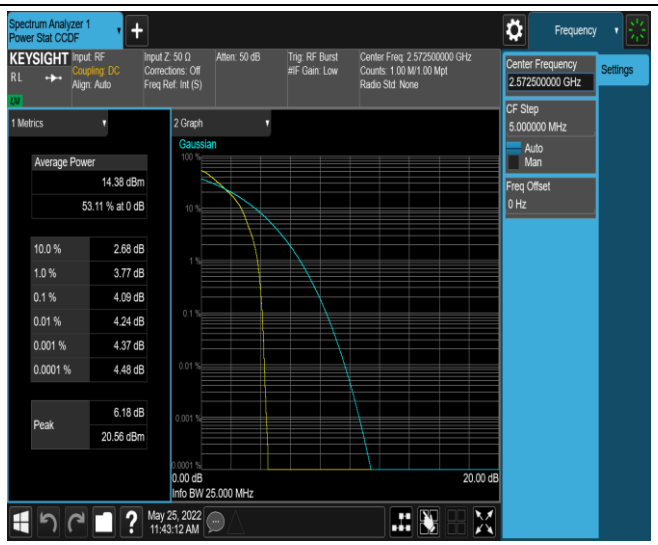
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

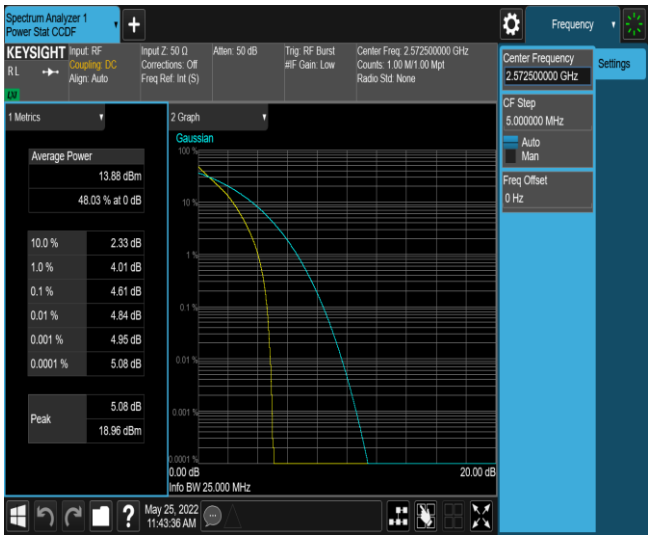
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	4.09	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	4.61	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	4.49	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.58	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	3.47	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	3.98	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	5.01	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	5.48	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	5.28	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	5.44	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	4.15	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	5.21	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	3.89	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	4.76	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	4.79	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	4.60	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	3.17	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	3.98	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	4.99	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	5.67	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	5.47	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	5.51	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	4.23	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	4.85	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	4.18	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.12	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	4.56	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	4.82	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	3.44	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	4.19	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	5.09	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	5.92	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	5.30	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	5.67	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	4.54	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	5.10	13	PASS

Band38	20MHz	QPSK	37850	1RB#0	4.17	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.14	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	4.36	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	4.92	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	4.01	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	4.61	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	4.86	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	5.92	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	5.32	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	5.73	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	4.61	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	5.38	13	PASS

Test Graphs



Band38-5MHz-QPSK-37775-1RB#0



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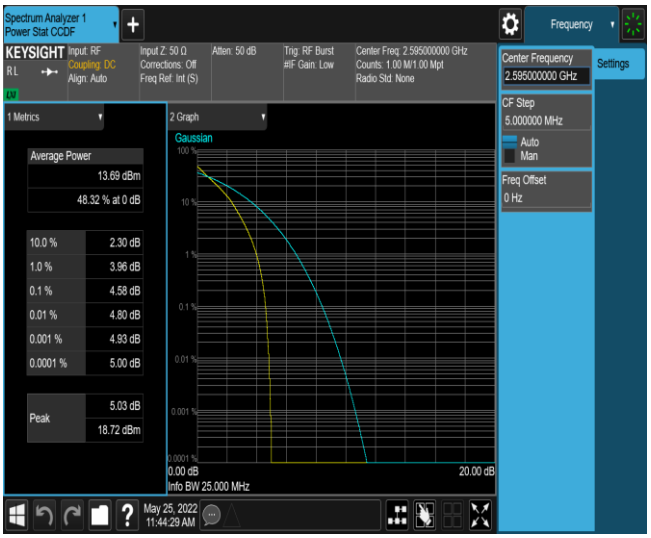
Band38-5MHz-QPSK-38000-1RB#0



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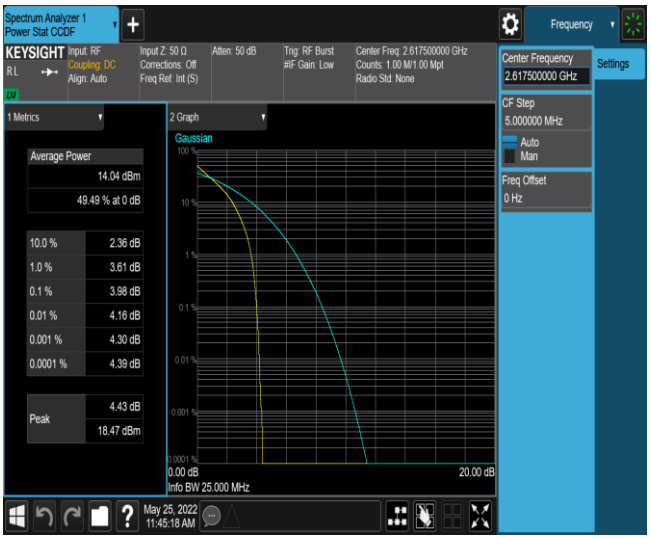
Band38-5MHz-QPSK-38225-1RB#0



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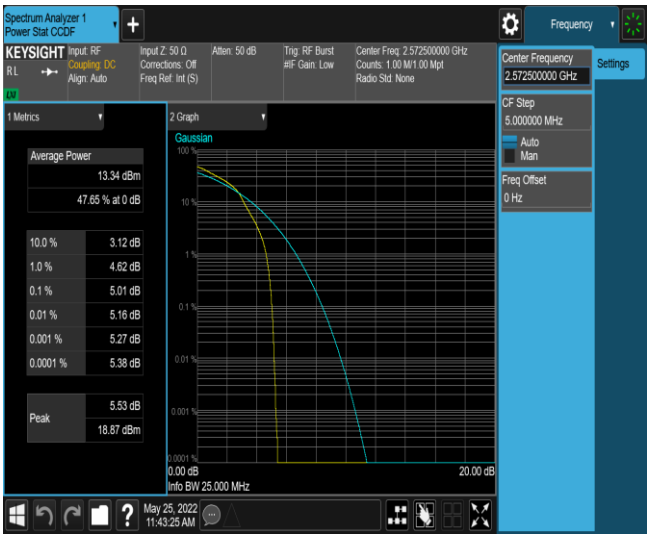

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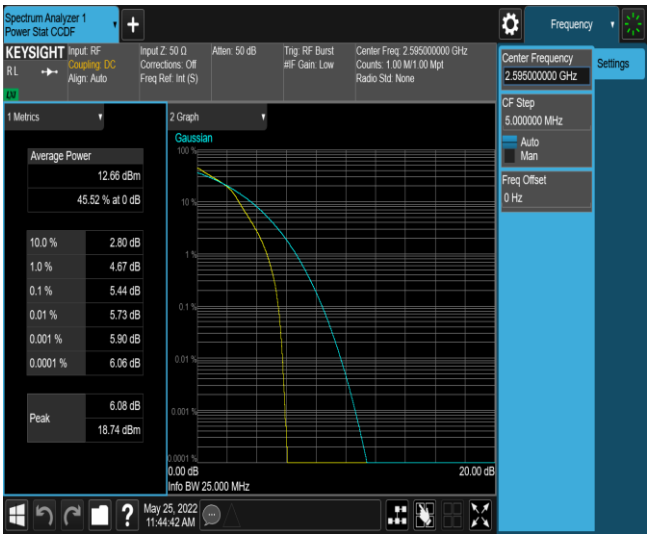
Band38-5MHz-16QAM-37775-25RB#0

Band38-5MHz-16QAM-38000-1RB#0



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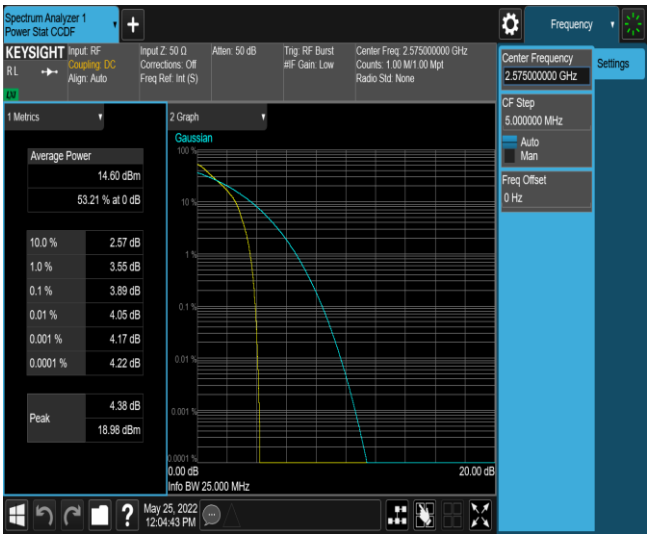
Band38-5MHz-16QAM-38225-1RB#0

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



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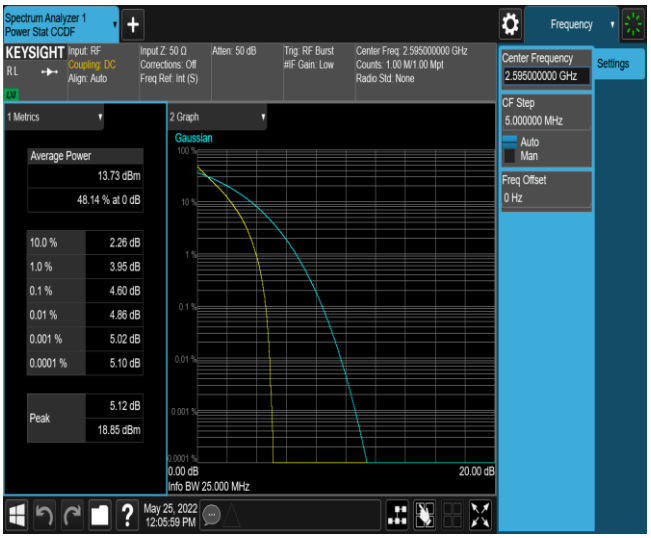

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Band38-10MHz-QPSK-38200-1RB#0

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

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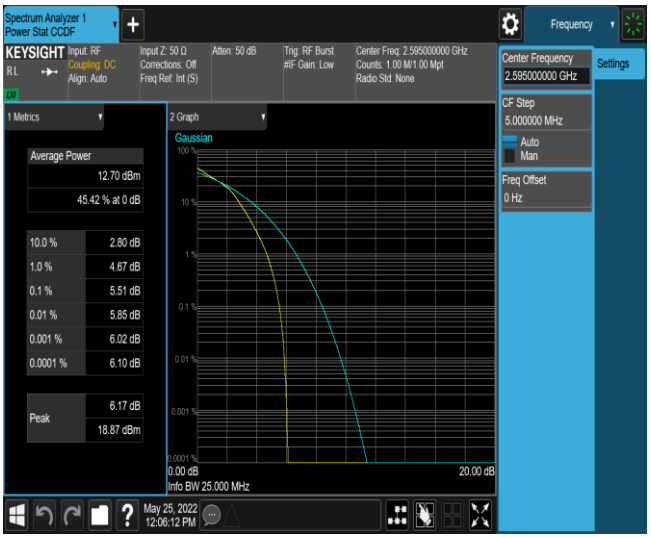

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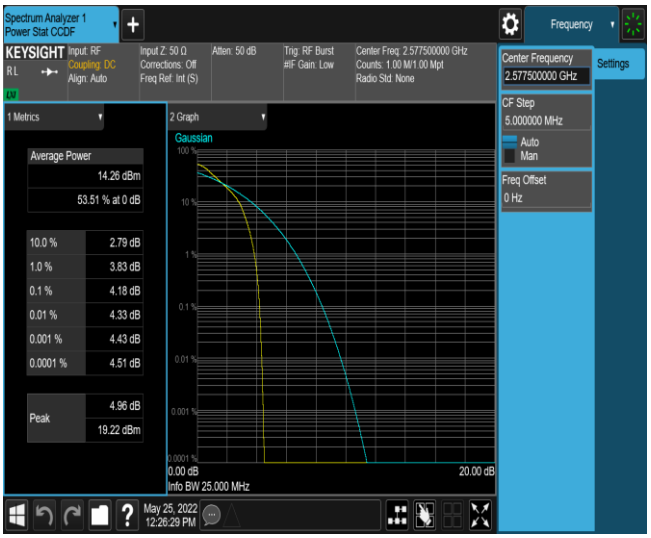

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Band38-15MHz-QPSK-37825-75RB#0

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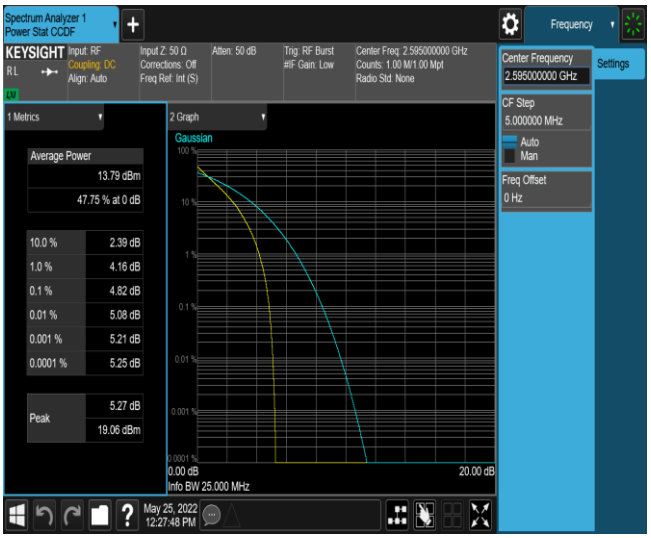

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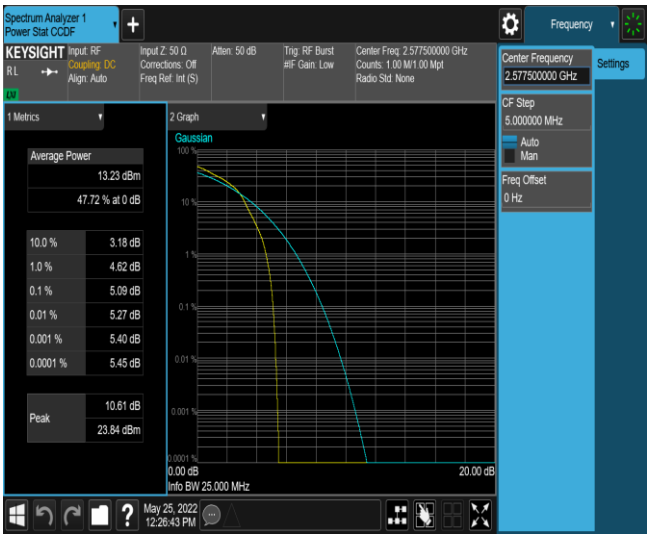

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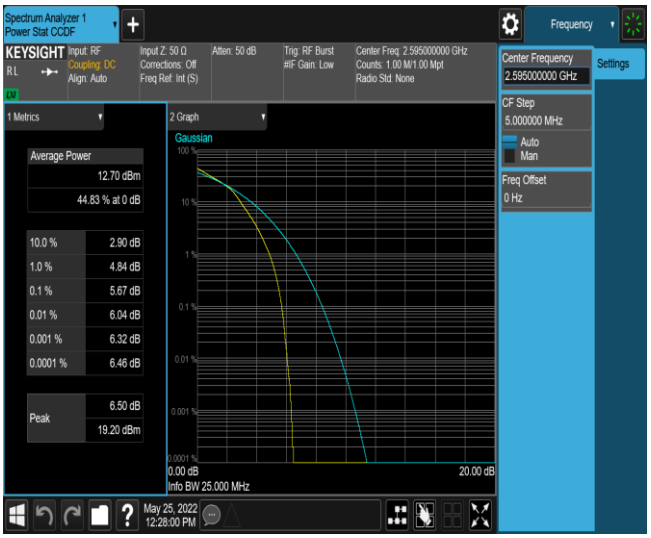

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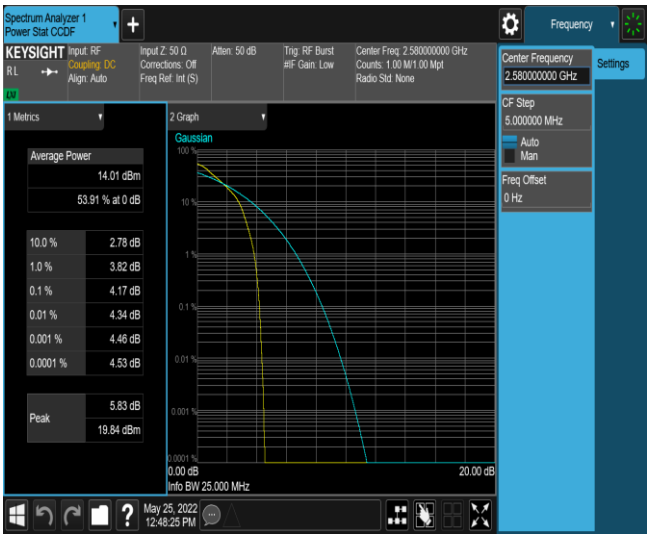
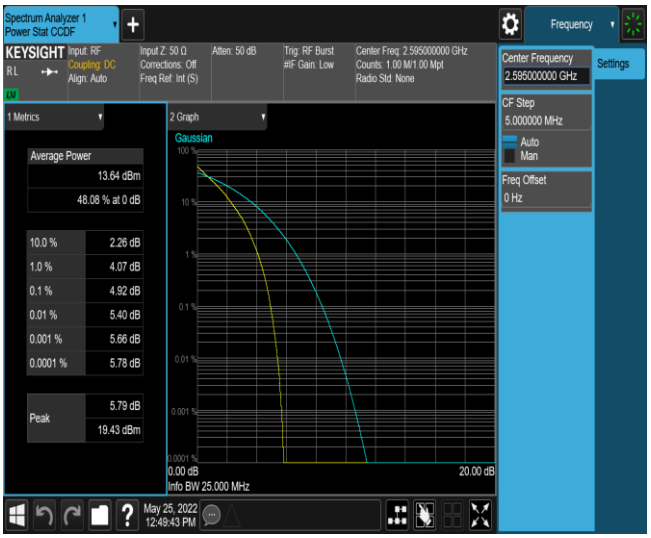
Band38-15MHz-16QAM-38175-75RB#0



Band38-20MHz-QPSK-37850-1RB#0

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

Band38-20MHz-QPSK-38000-1RB#0



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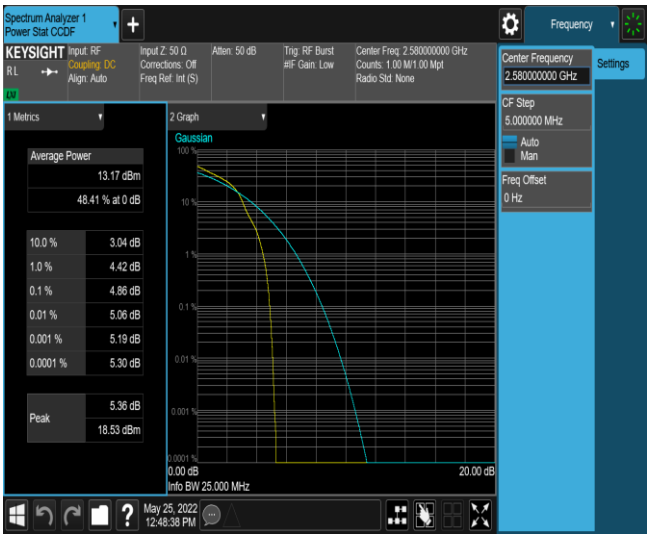

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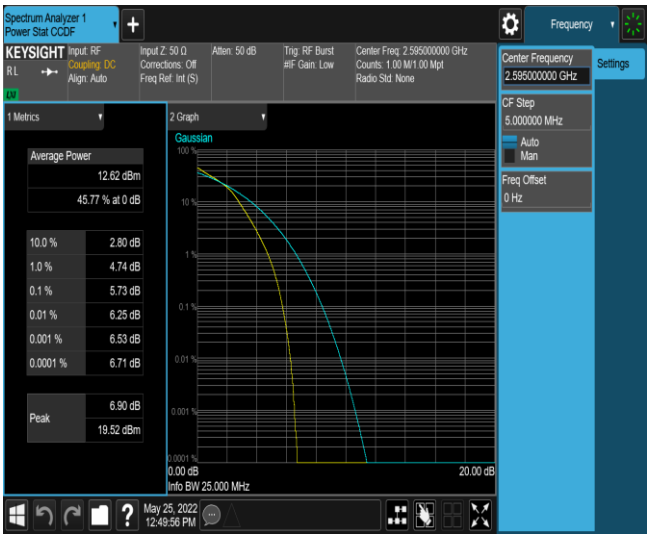


Band38-20MHz-16QAM-38000-100RB#0

Band38-20MHz-16QAM-38150-1RB#0

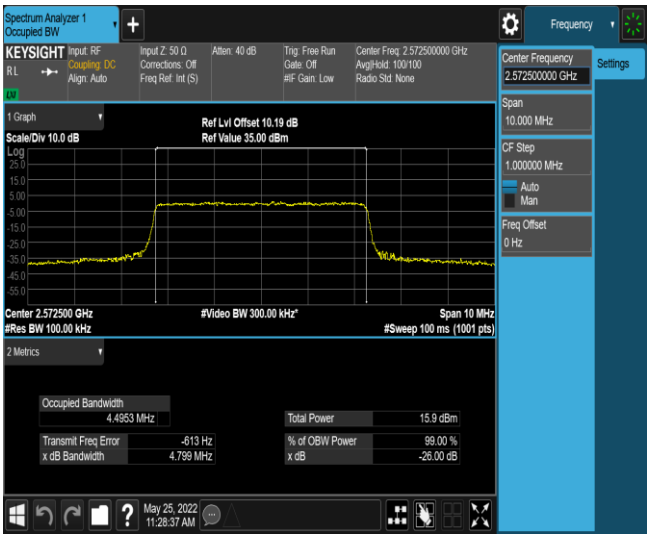
Band38-20MHz-16QAM-38150-100RB#0

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	4.4953	4.799	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4959	4.831	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4985	4.813	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4905	4.798	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4909	4.802	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4961	4.781	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9725	9.502	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9799	9.525	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9959	9.515	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9832	9.512	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9837	9.514	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9876	9.528	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.493	14.26	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.484	14.27	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.490	14.29	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.480	14.27	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.467	14.28	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.475	14.27	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.933	18.95	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.929	18.93	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.969	18.96	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.924	18.96	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.927	18.93	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.955	18.96	PASS

Test Graphs



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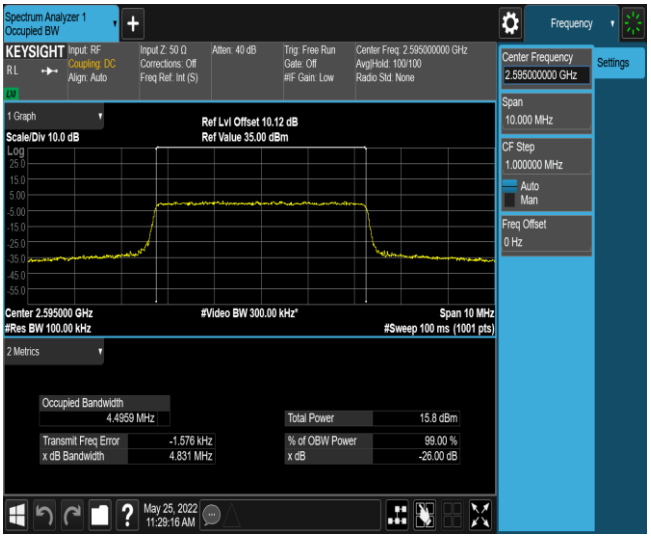

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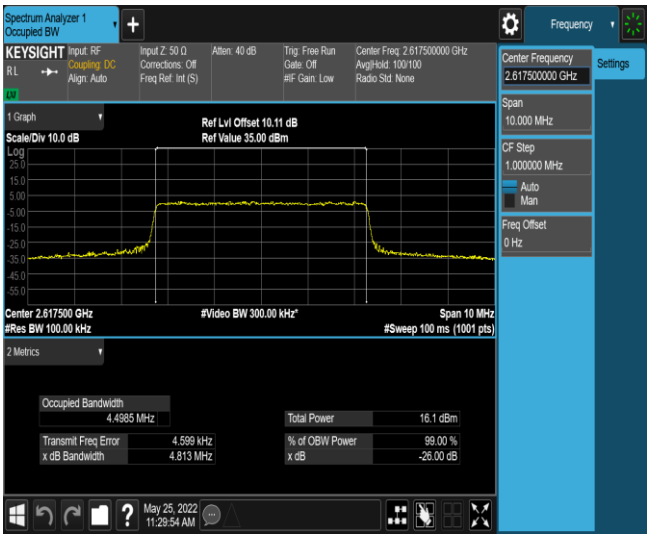
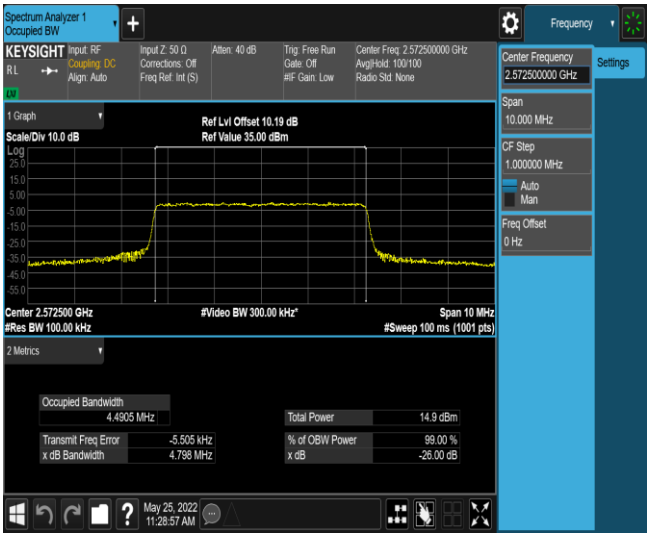


Band38-5MHz-QPSK-38225-25RB#0



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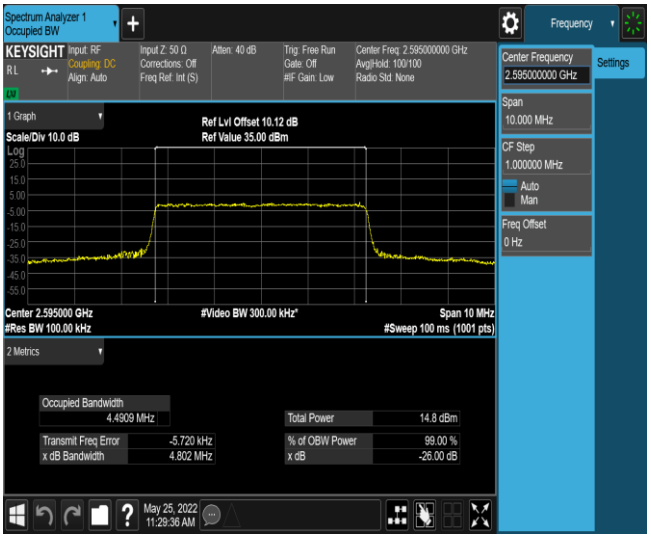

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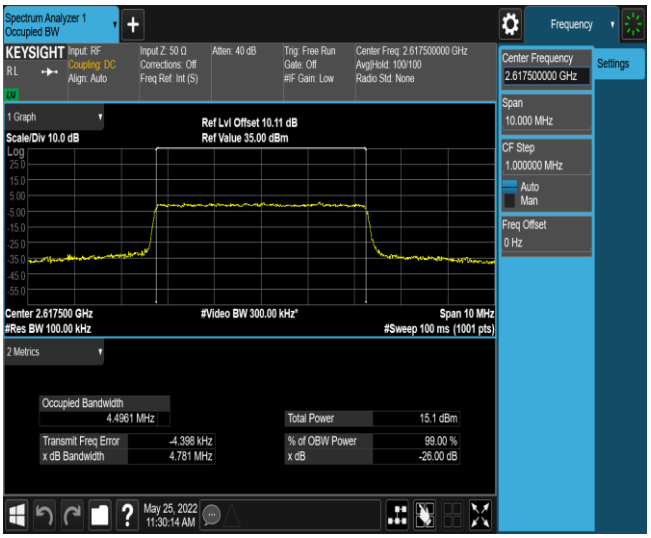

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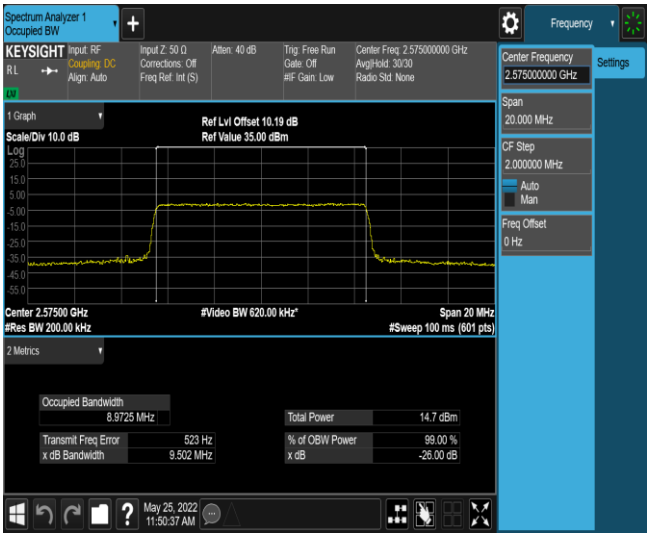

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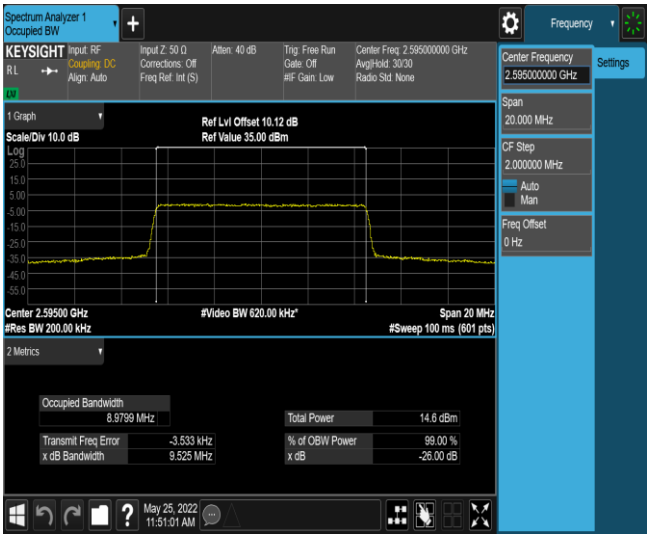

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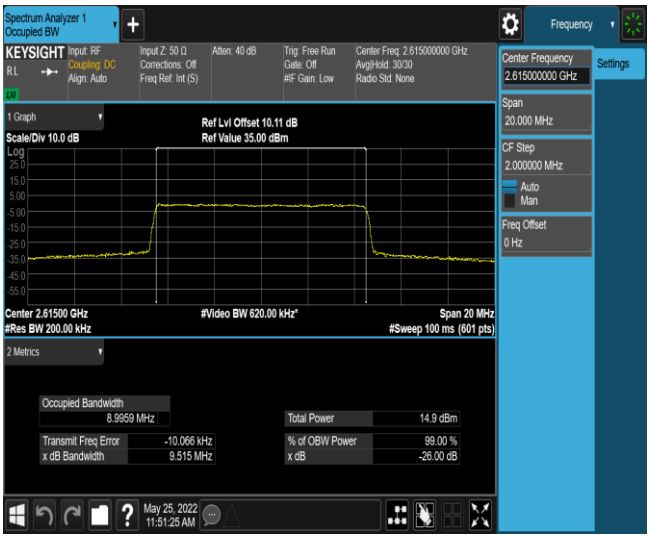

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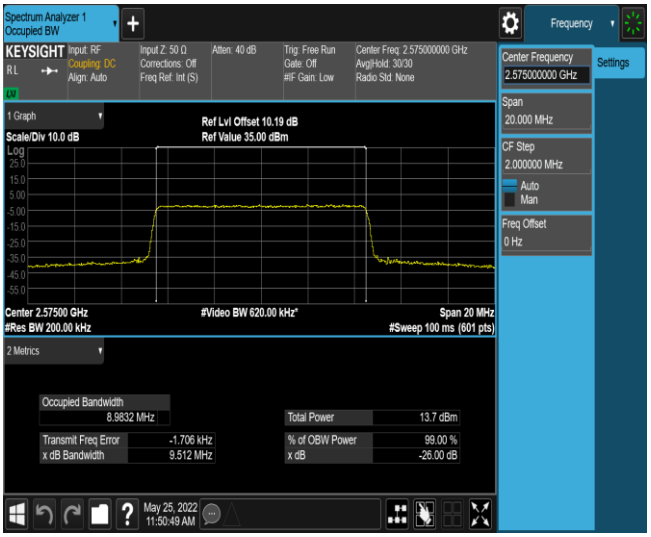

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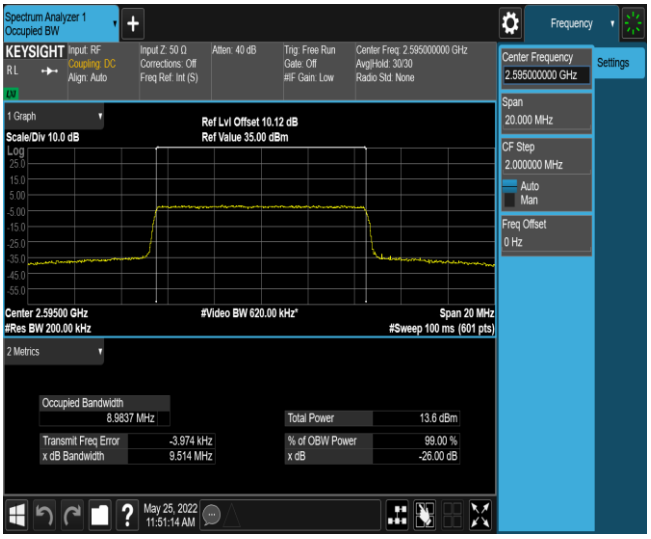

Band38-10MHz-16QAM-38000-50RB#0