

LTE Band38 Test Data

General Description of EUT	
Product Name:	Tablet
Test Model:	B7
Test Standard:	FCC Part 2 FCC Part 27
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 3.85V
Test Engineer:	Rick. chen
Note: For a more detailed features description, please refer to the report TBR-C-202503-3450-115 . The report only show the worst case data.	

Contents

LTE Band38 Test Data	1
1: Conducted Output Power Data	3
Test Result	3
2: Peak-to-Average Ratio(CCDF)	7
Test Result	7
Test Graphs	9
3: 26dB Bandwidth and Occupied Bandwidth	17
Test Result	17
Test Graphs	18
4: Band Edge	22
Test Result	22
Test Graphs	24
5: Conducted Spurious Emission	32
Test Result	32
Test Graphs	35
6: Frequency Stability	55
Test Result	55

1: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.90	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.30	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.89	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.01	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.11	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.02	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.04	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.91	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.29	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.88	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.95	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.01	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.95	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.97	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.69	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.08	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.70	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.81	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.91	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.79	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.86	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.33	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.75	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.33	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.05	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.15	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.05	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.15	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.19	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.62	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.16	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.93	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.02	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.91	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.01	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.09	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.59	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.13	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.81	PASS

Band38	5MHz	16QAM	38225	12RB#6	20.93	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.81	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.91	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.04	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.21	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.06	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.13	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.15	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.18	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.17	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.03	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.13	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.99	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.08	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.03	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.04	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.05	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.87	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.96	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.79	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.89	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.88	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.82	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.89	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.37	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.40	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.32	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.24	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.22	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.29	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.29	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.24	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.30	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.10	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.18	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.03	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.15	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.09	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.53	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.59	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.50	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.87	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.88	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.84	PASS

Band38	10MHz	16QAM	38200	50RB#0	20.90	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.94	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.03	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.98	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.01	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.99	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.01	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.02	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.93	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.04	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.88	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.02	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.05	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.01	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.04	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.92	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.83	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.73	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.83	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.85	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.81	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.81	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.95	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.97	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.92	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.02	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.11	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.99	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.05	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.16	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.09	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.03	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.05	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.04	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.04	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.65	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.68	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.62	PASS
Band38	15MHz	16QAM	38175	38RB#0	21.82	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.79	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.82	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.83	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.89	PASS

Band38	20MHz	QPSK	37850	1RB#49	23.24	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.88	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.08	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.04	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.99	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.89	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.19	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.83	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.92	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.99	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.88	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.88	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.73	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.02	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.62	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.88	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.87	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.73	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.79	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.95	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.29	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.92	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.09	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.21	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.15	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.08	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.93	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.17	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.78	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.97	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.09	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.95	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.95	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.30	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.96	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.24	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.82	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.87	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.81	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.87	PASS

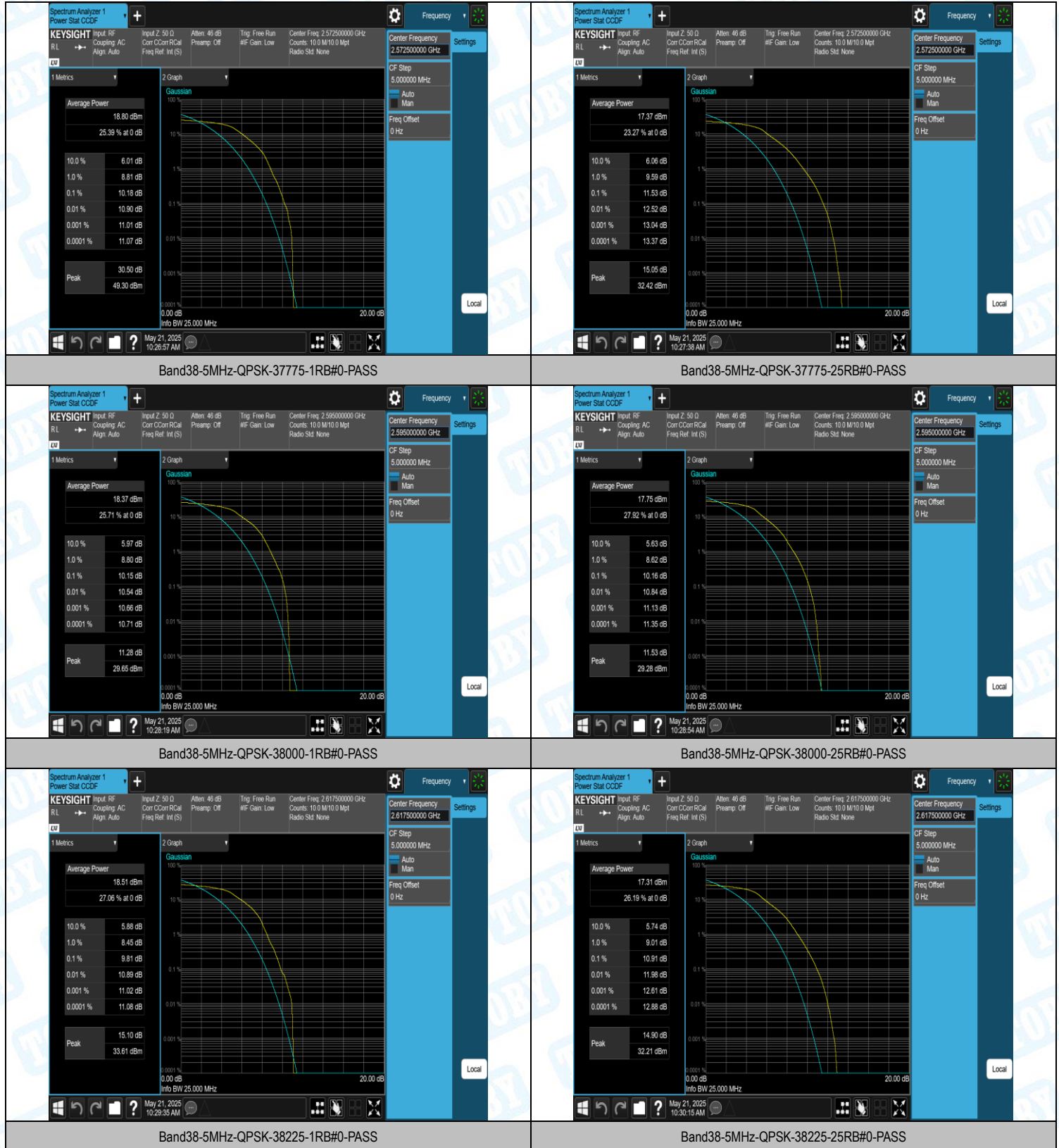
2: Peak-to-Average Ratio(CCDF)

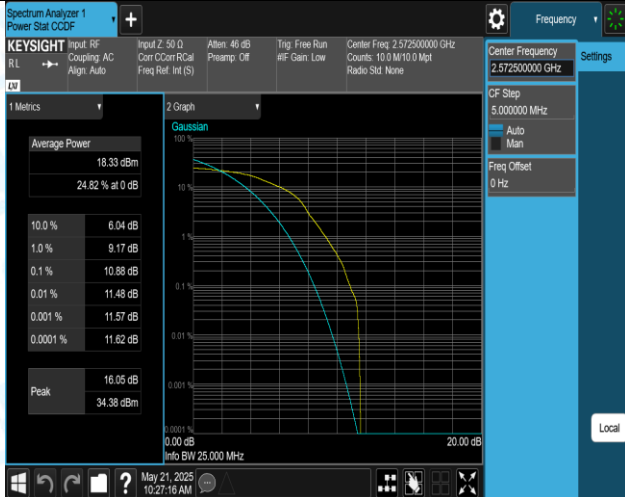
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	10.18	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	11.53	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	10.15	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	10.16	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	9.81	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	10.91	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	10.88	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	11.30	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	10.46	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	11.08	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	11.28	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	11.16	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	10.25	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	10.64	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	10.22	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	10.29	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	9.98	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	10.29	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	11.11	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	11.62	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	10.64	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	10.53	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	10.79	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	11.01	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	10.08	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	11.30	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	9.60	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	10.86	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	9.69	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	10.99	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	11.19	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	11.48	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	10.82	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	11.30	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	10.59	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	11.34	13	PASS
Band38	20MHz	QPSK	37850	1RB#0	11.24	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	10.63	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	10.02	13	PASS

Band38	20MHz	QPSK	38000	100RB#0	10.23	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	9.86	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	10.33	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	11.05	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	11.63	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	11.45	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	10.69	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	10.50	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	10.35	13	PASS

Test Graphs

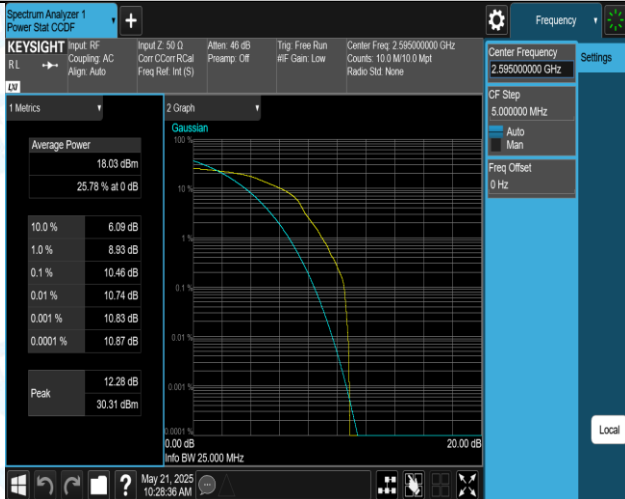




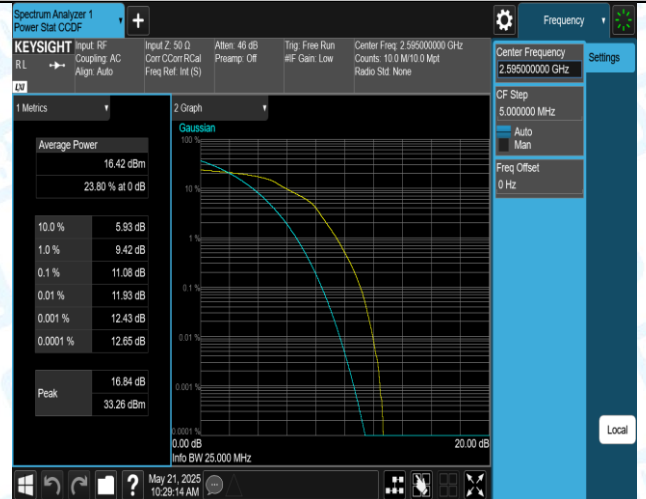
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Band38-5MHz-16QAM-37775-25RB#0-PASS



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



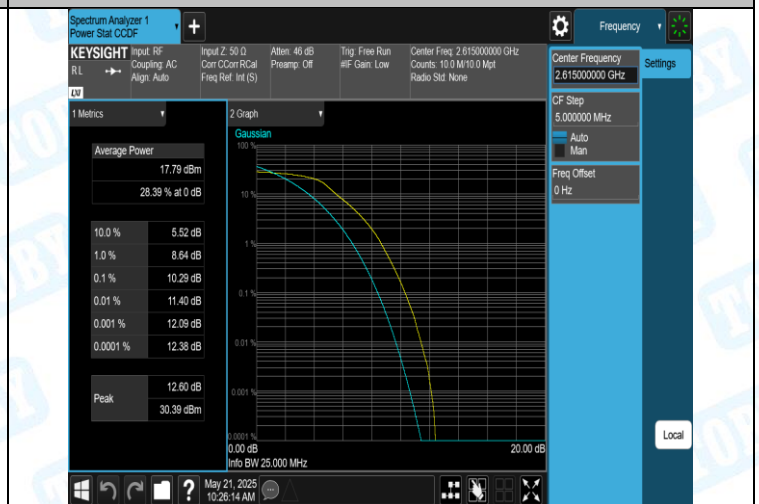
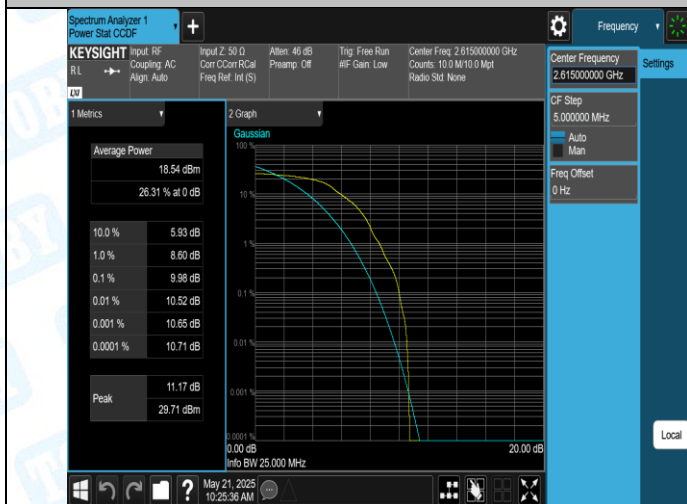
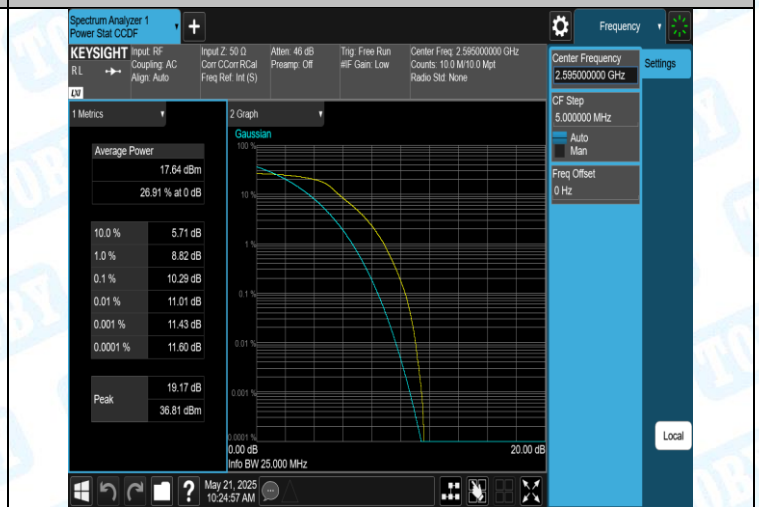
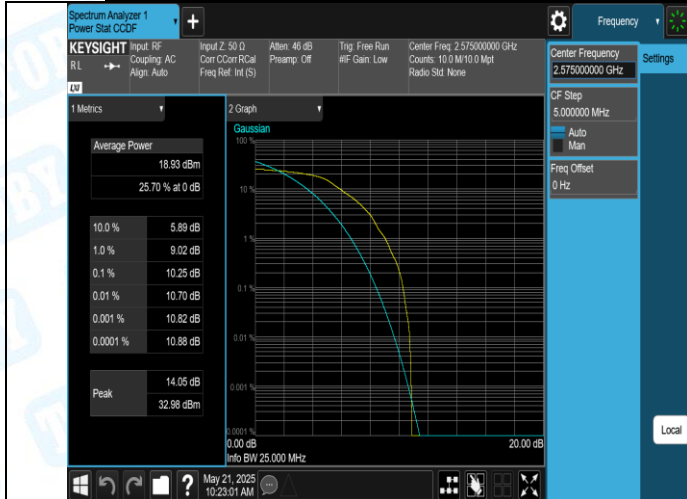
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Band38-5MHz-16QAM-38225-1RB#0-PASS

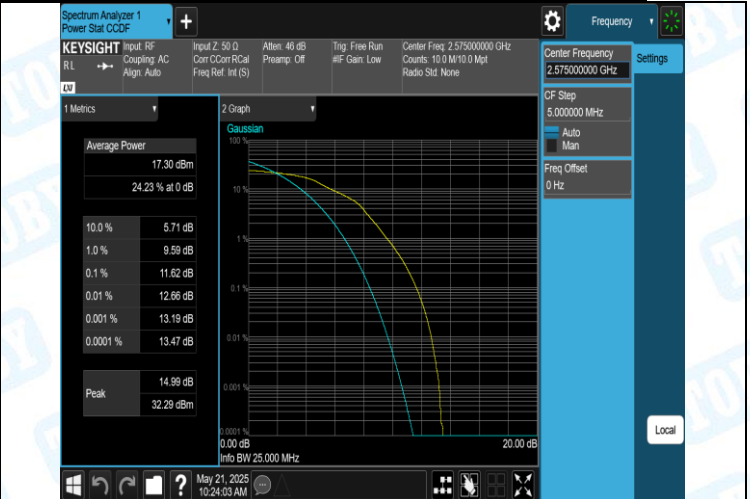


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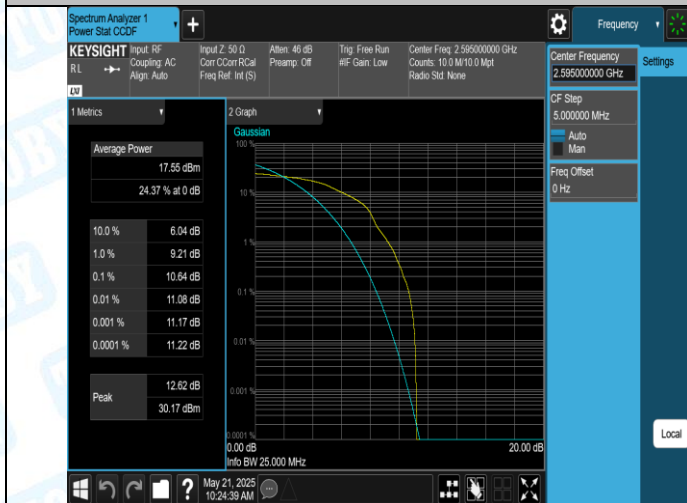




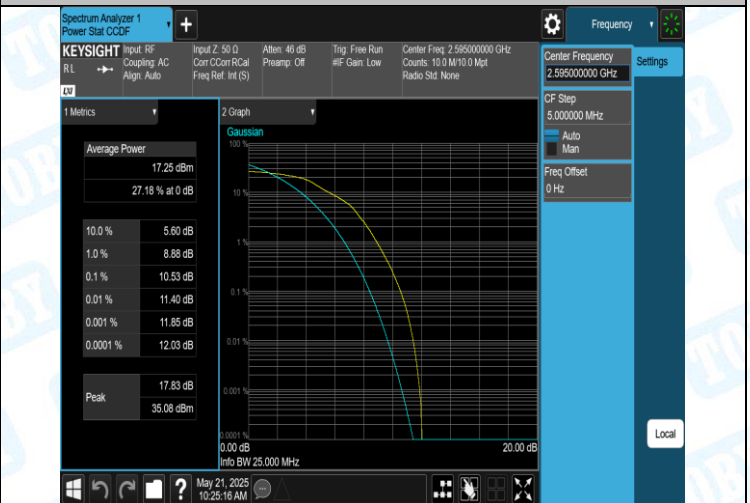
Band38-10MHz-16QAM-37800-1RB#0-PASS



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



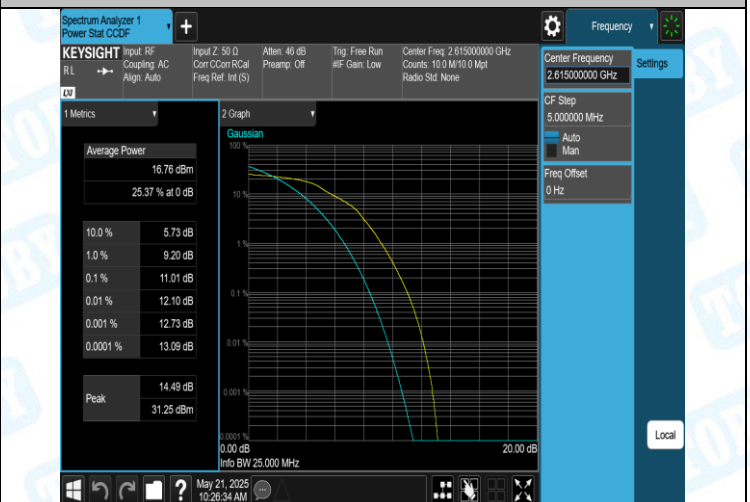
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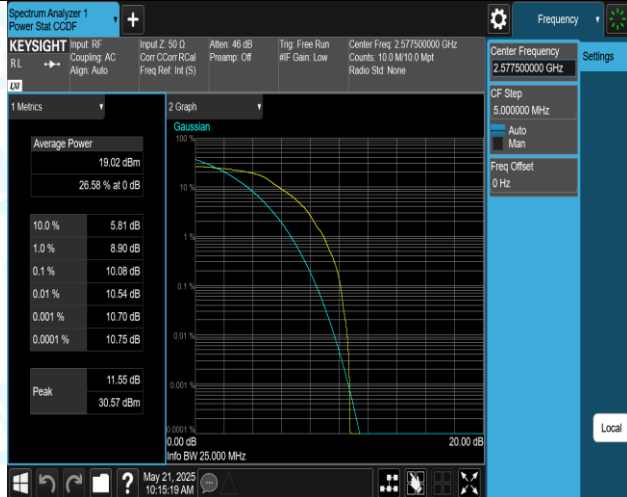
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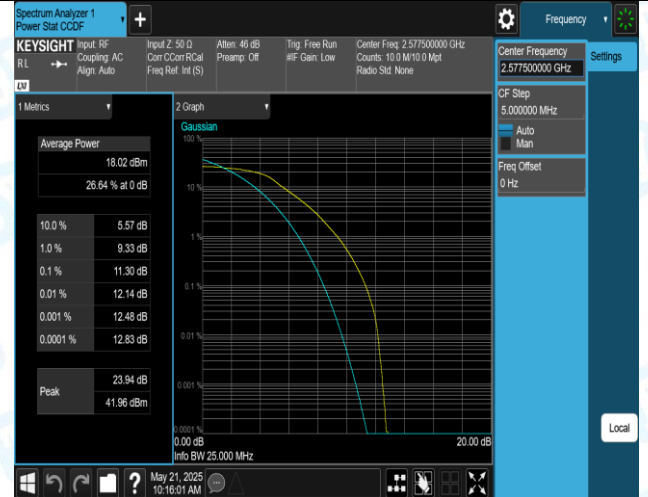
Band38-10MHz-16QAM-38200-1RB#0-PASS



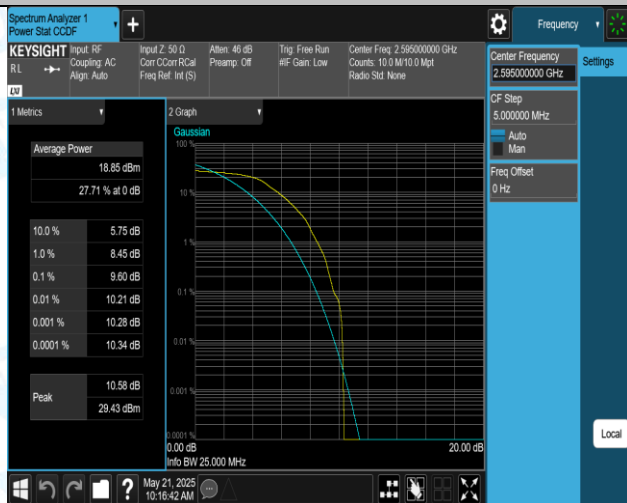
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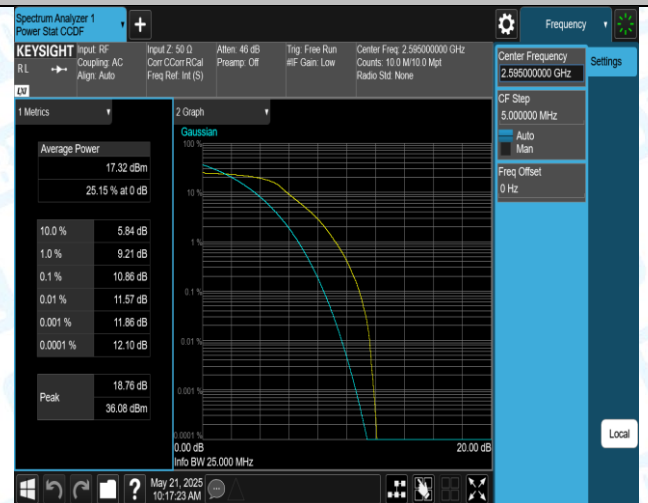
Band38-15MHz-QPSK-37825-1RB#0-PASS



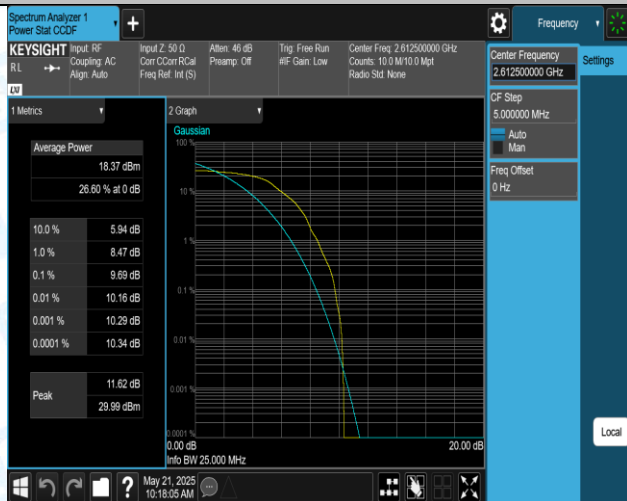
Band38-15MHz-QPSK-37825-75RB#0-PASS



Band38-15MHz-QPSK-38000-1RB#0-PASS



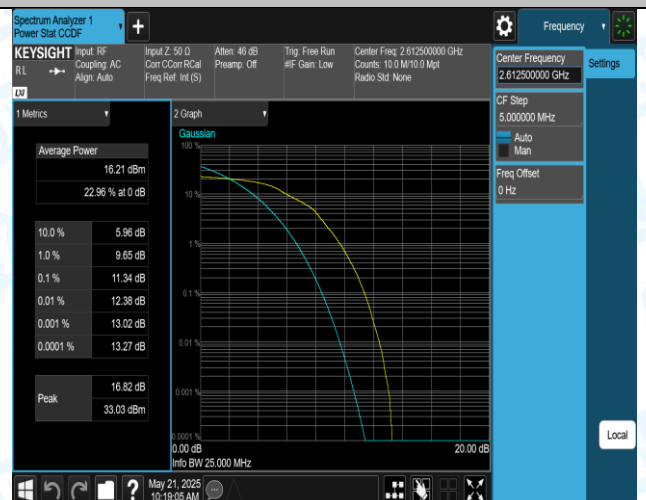
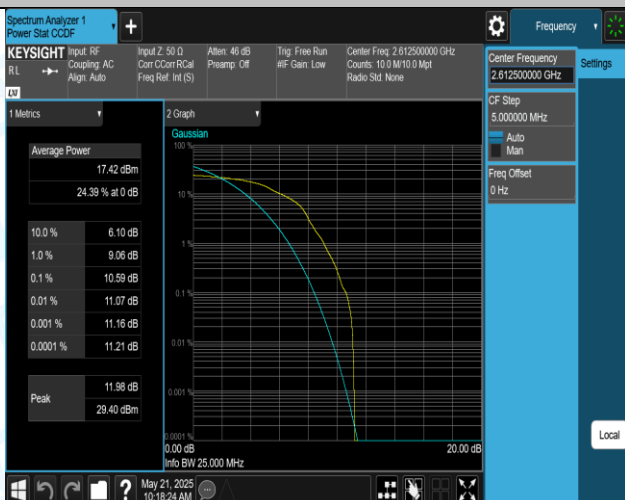
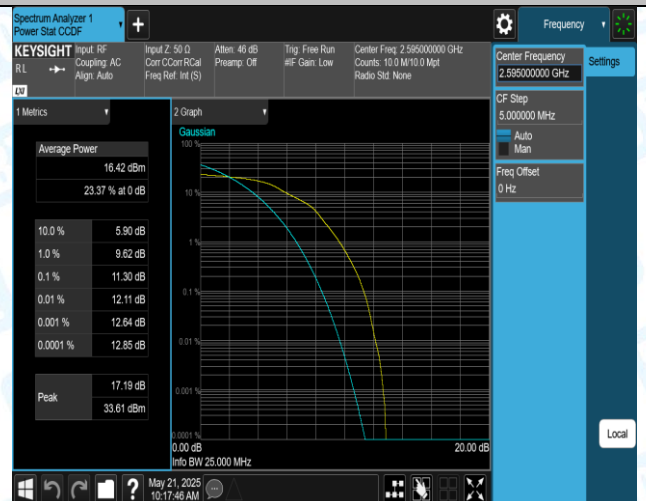
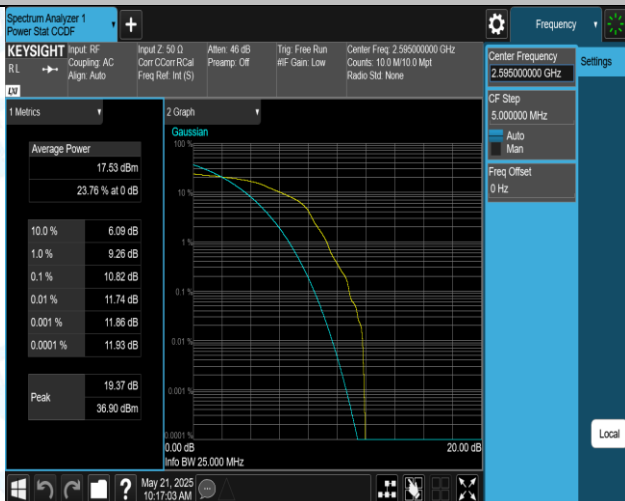
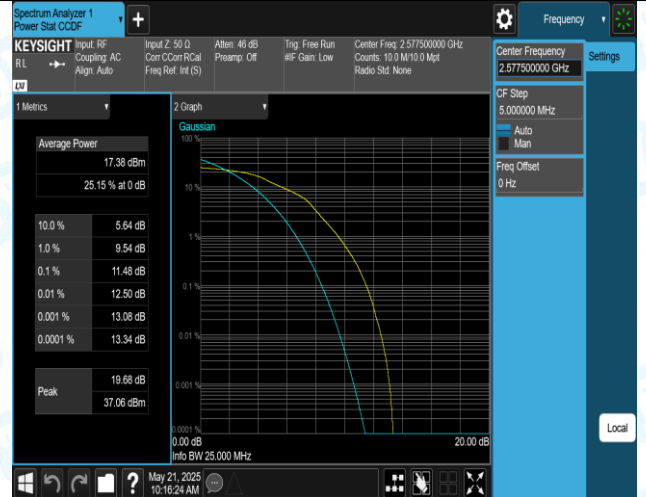
Band38-15MHz-QPSK-38000-75RB#0-PASS

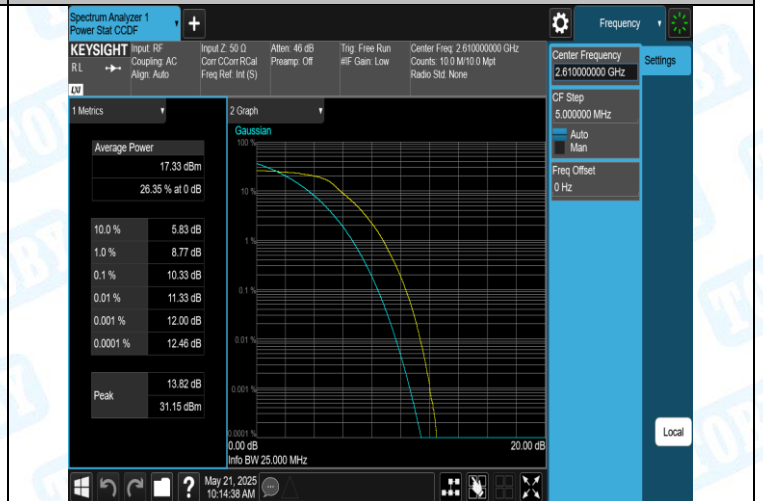
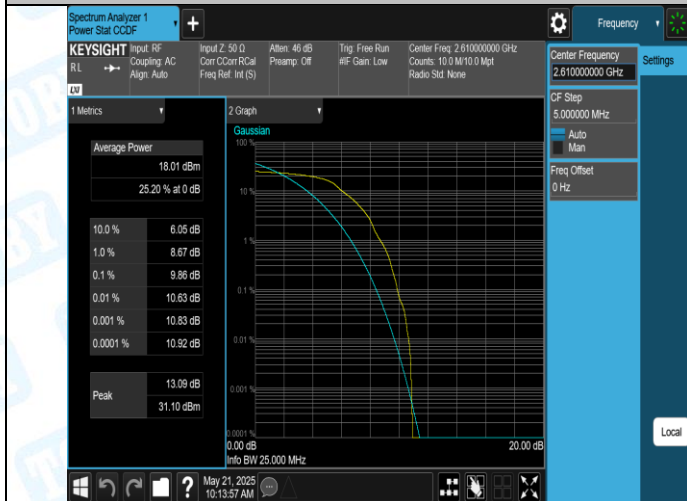
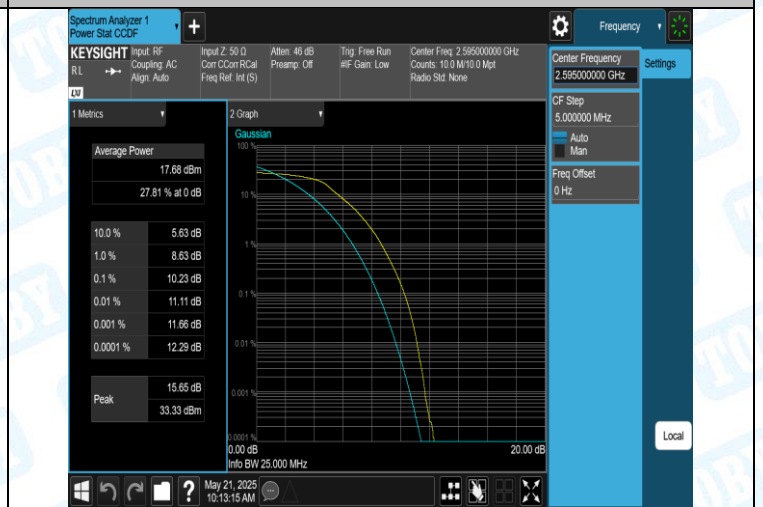
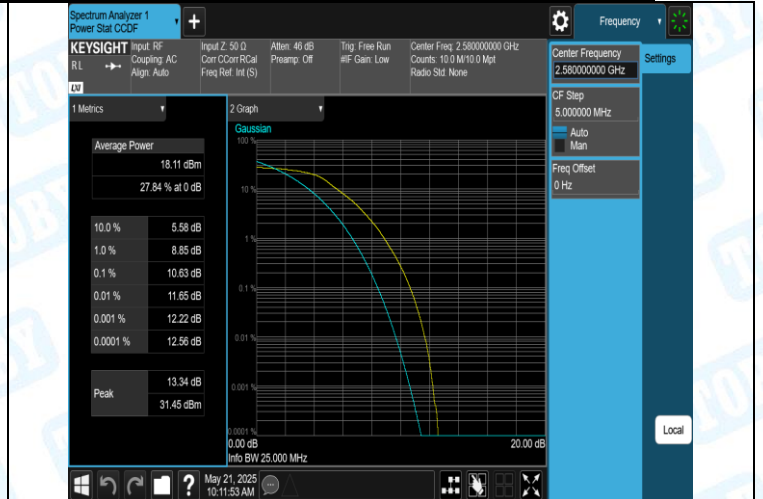
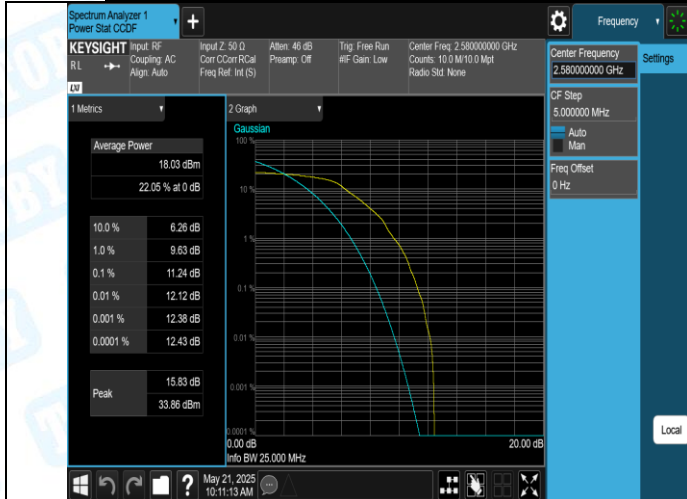


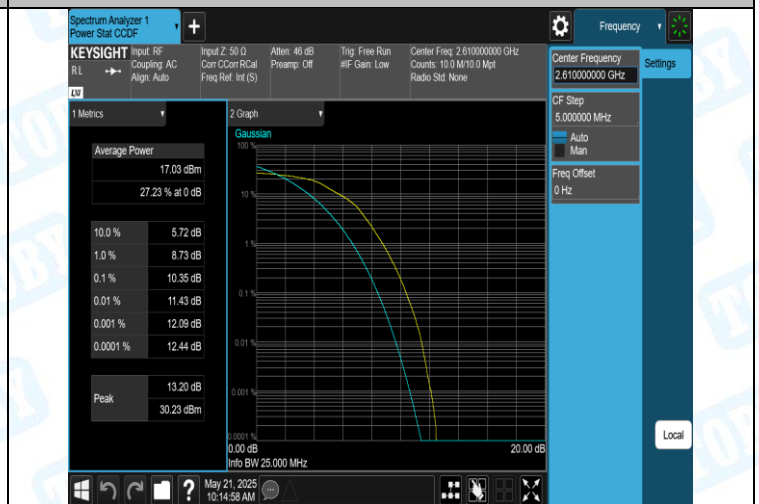
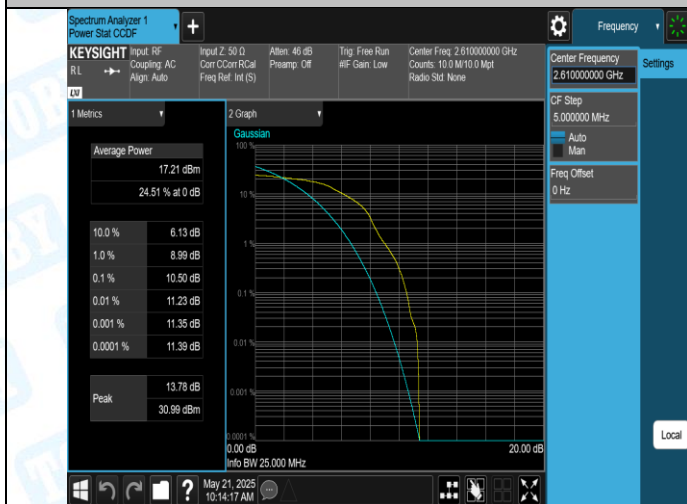
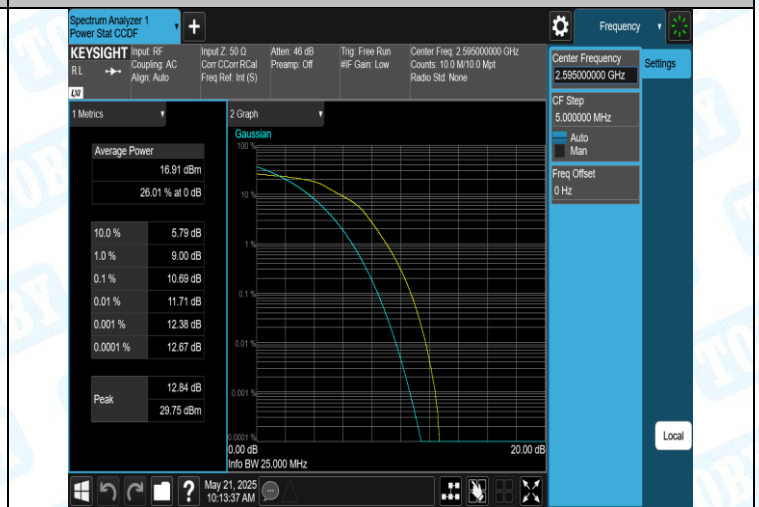
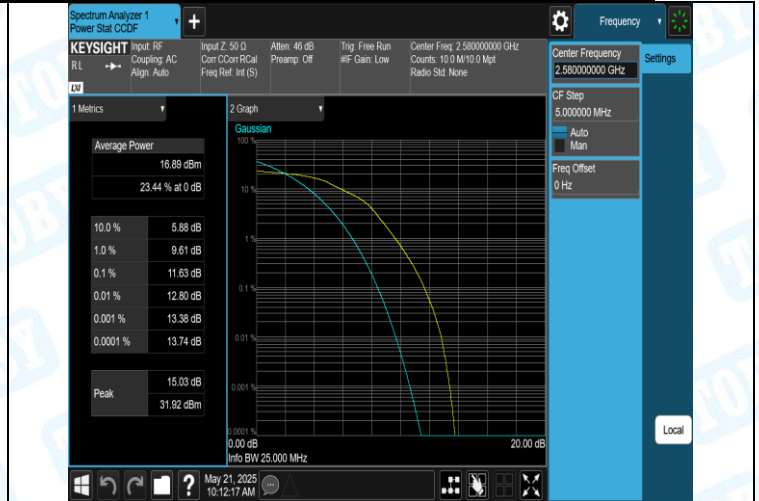
Band38-15MHz-QPSK-38175-1RB#0-PASS



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





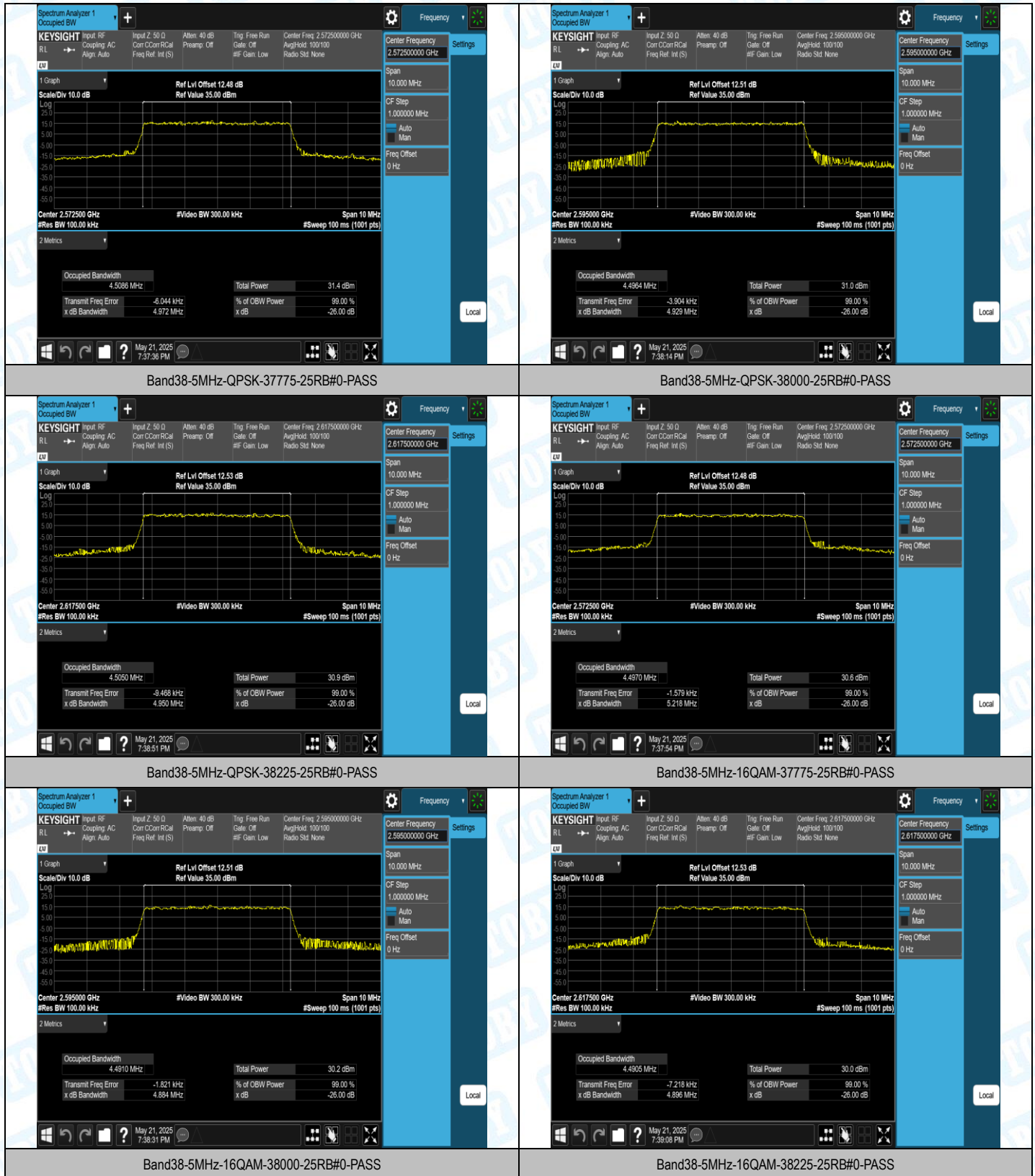


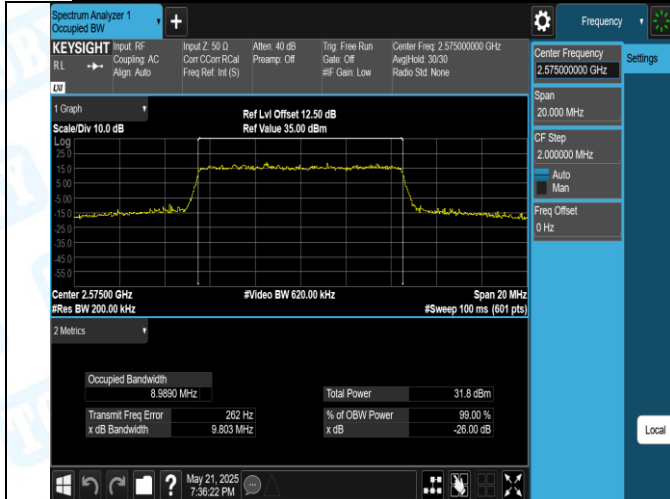
3: 26dB Bandwidth and Occupied Bandwidth

Test Result

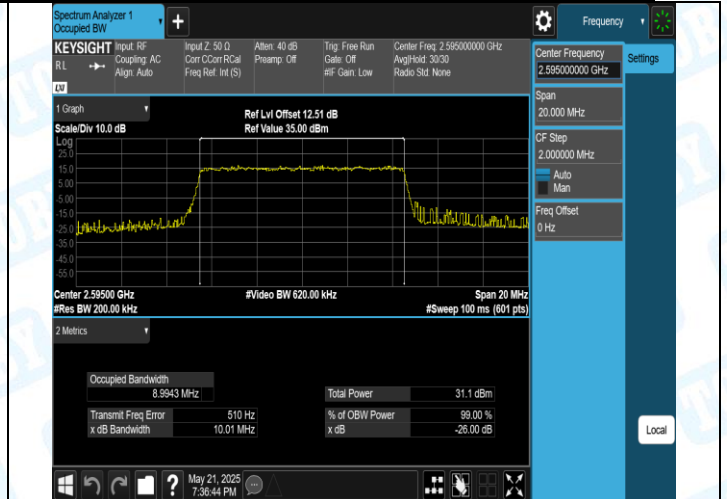
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5086	4.972	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4964	4.929	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5050	4.950	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.4970	5.218	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4910	4.884	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4905	4.896	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9890	9.803	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9943	10.01	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9727	9.744	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0070	10.22	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9605	9.754	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9765	9.804	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.500	15.98	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.451	15.13	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.471	15.44	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.493	14.73	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.465	15.35	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.446	14.50	PASS
Band38	20MHz	QPSK	37850	100RB#0	18.020	19.64	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.928	21.35	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.961	19.94	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.984	20.09	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.908	19.72	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.913	20.06	PASS

Test Graphs

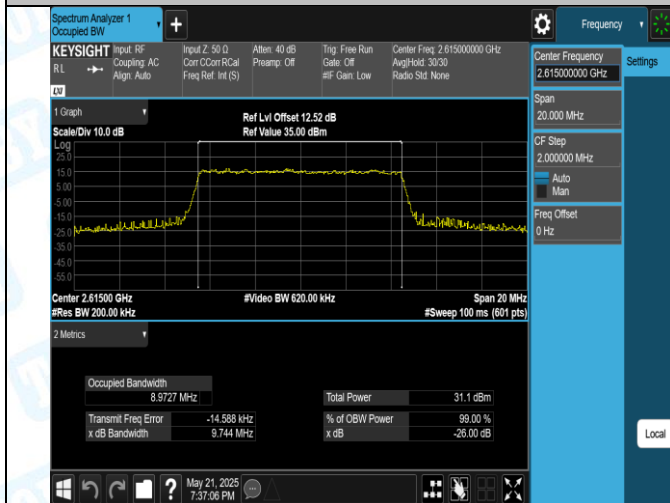




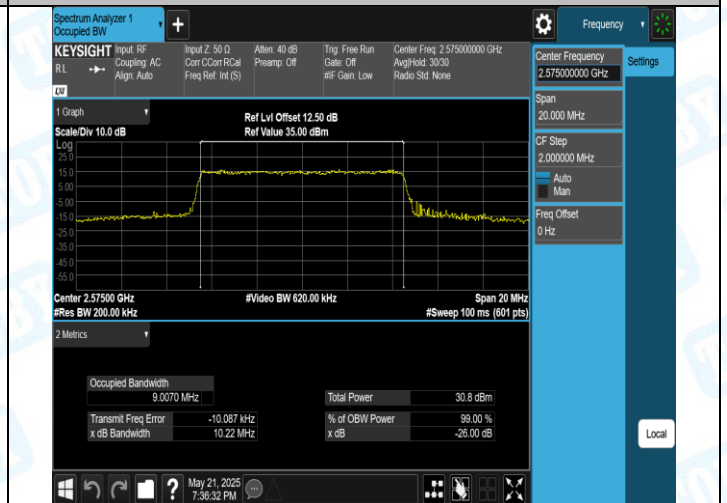
Band38-10MHz-QPSK-37800-50RB#0-PASS



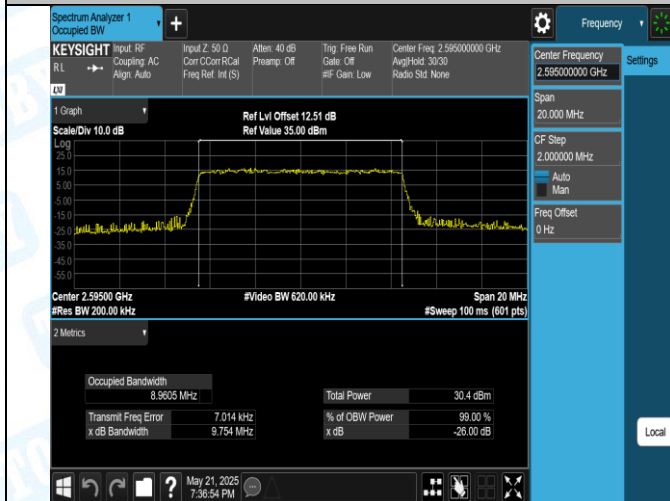
Band38-10MHz-QPSK-38000-50RB#0-PASS



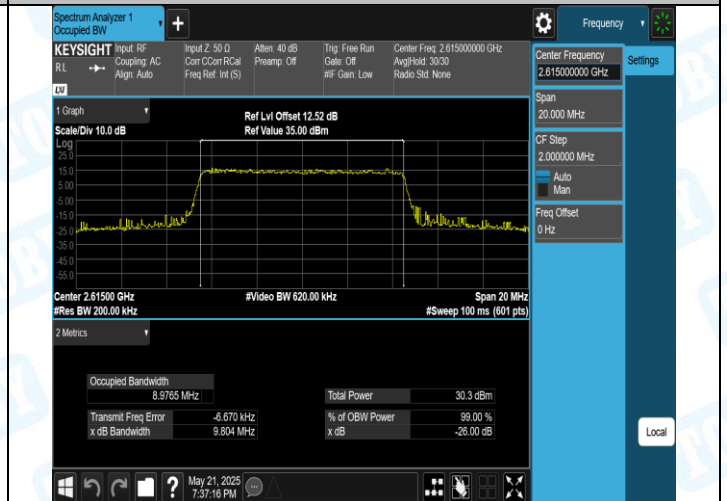
Band38-10MHz-QPSK-38200-50RB#0-PASS



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



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



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

