

LTE Test Data

General Description of EUT	
Product Name:	Smart Watch
Test Model:	BH11
Sample ID:	HC-C-202412-0313-02-04#
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 3.85V
Test Engineer:	Rick Chen
Note: For a more detailed features description, please refer to the report TBR-C-202412-0313-94 The report only show the worst case data.	

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1: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.14	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.23	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.16	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.86	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.88	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.82	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.87	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.74	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.84	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.84	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.72	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.91	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.80	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.72	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.84	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.71	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.68	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.61	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.86	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.76	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.11	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.17	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.10	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.78	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.79	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.88	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.91	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.75	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.94	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.69	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.91	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.84	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.78	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.86	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.12	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.30	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.31	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.53	PASS

Band17	5MHz	16QAM	23825	12RB#6	21.51	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.61	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.67	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.67	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.68	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.81	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.85	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.70	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.76	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.02	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.79	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.92	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.83	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.87	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.58	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.91	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.90	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.68	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.71	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	23.07	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.79	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.33	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.27	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.37	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.57	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.59	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.71	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.99	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.59	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.63	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.61	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.02	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.04	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.80	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.94	PASS
Band17	10MHz	16QAM	23800	1RB#0	23.41	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.32	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.20	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.93	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.99	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.83	PASS



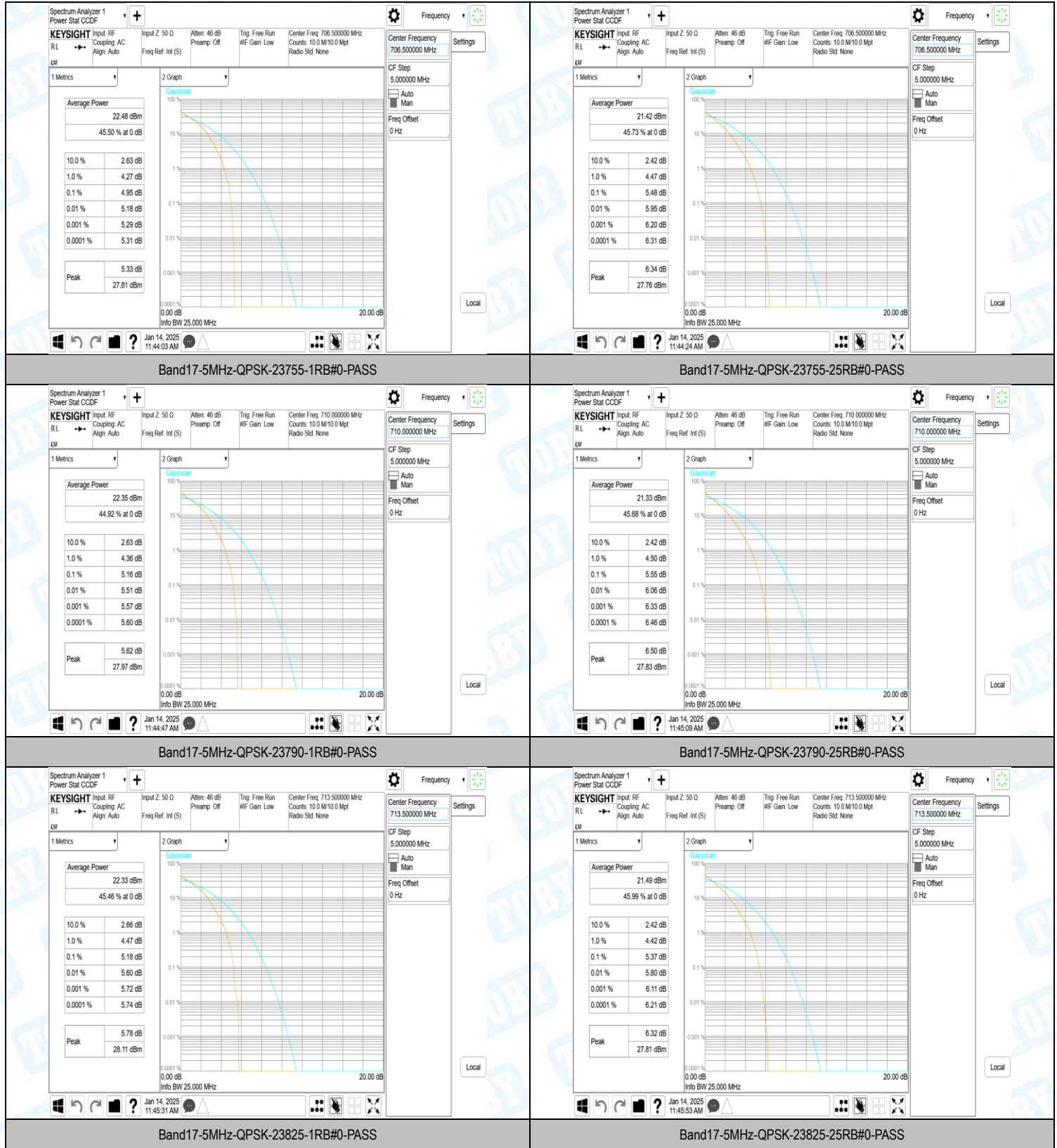
Band17	10MHz	16QAM	23800	50RB#0	21.98	PASS
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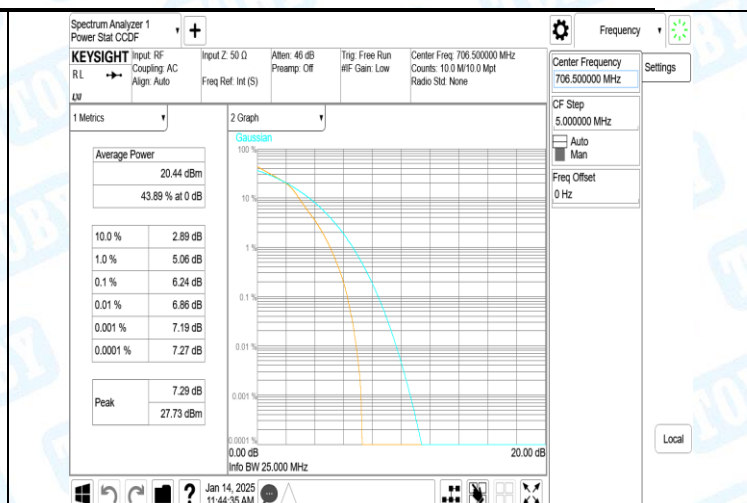
2: Peak-to-Average Ratio(CCDF)

Test Result

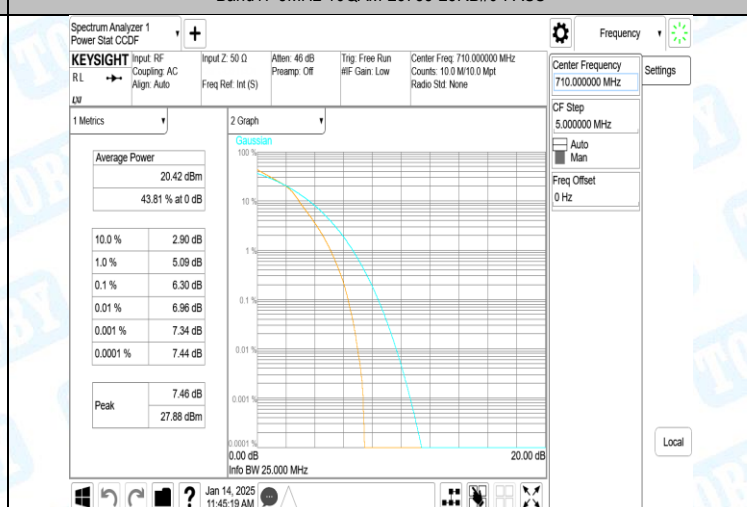
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.95	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.48	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.16	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.55	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.18	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.37	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.87	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.24	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.98	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.30	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	6.01	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.22	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.86	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.52	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.79	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.51	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.68	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.47	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.70	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.27	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.70	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.30	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.85	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.30	13	PASS

Test Graphs

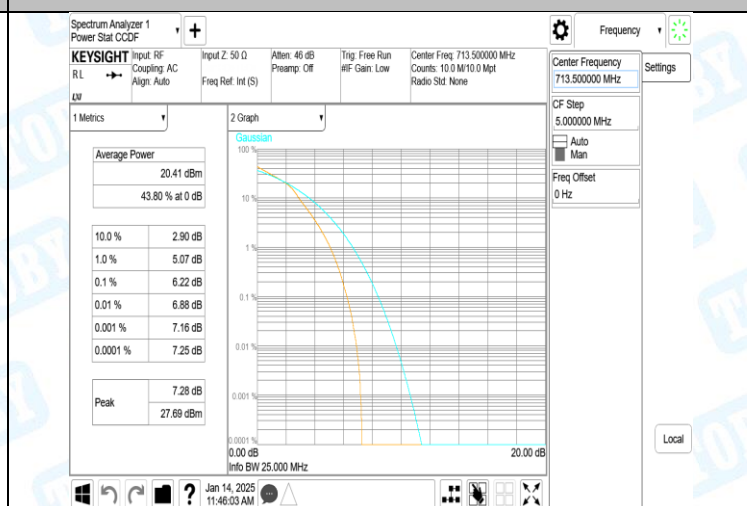




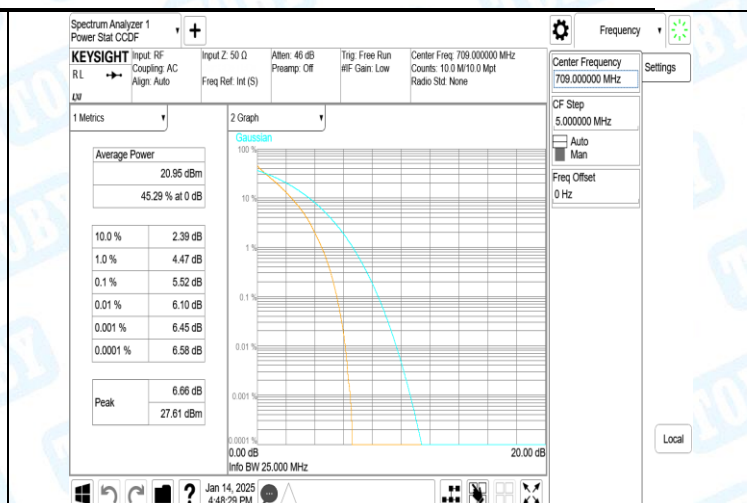
Band17-5MHz-16QAM-23755-25RB#0-PASS



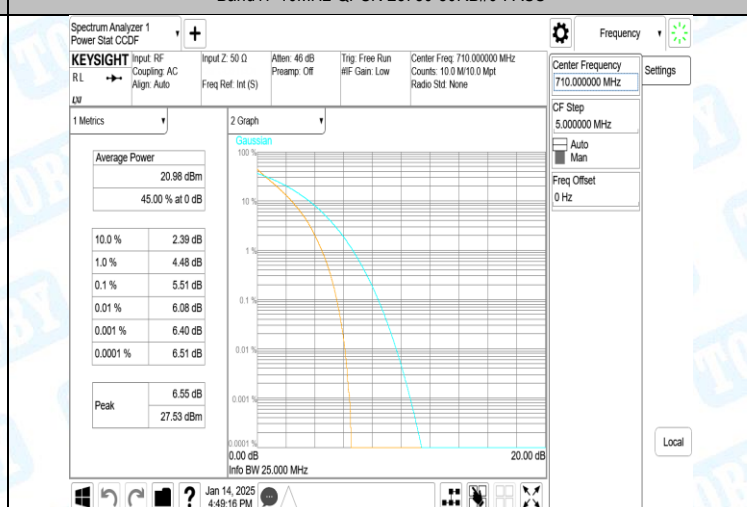
Band17-5MHz-16QAM-23790-25RB#0-PASS



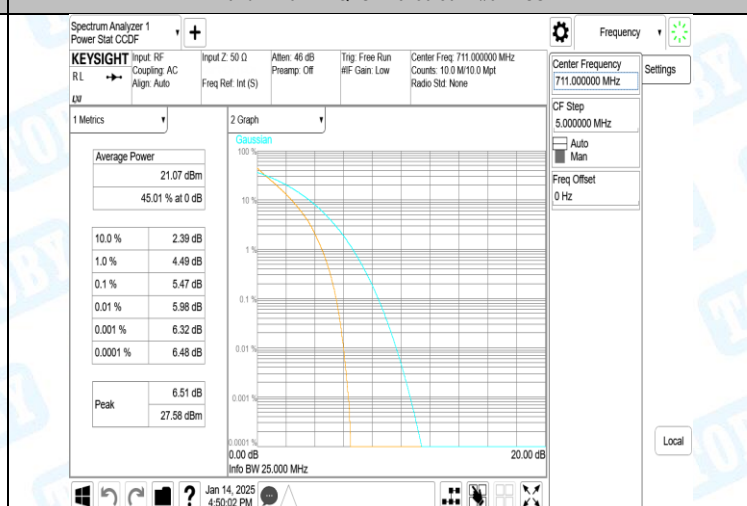
Band17-5MHz-16QAM-23825-25RB#0-PASS



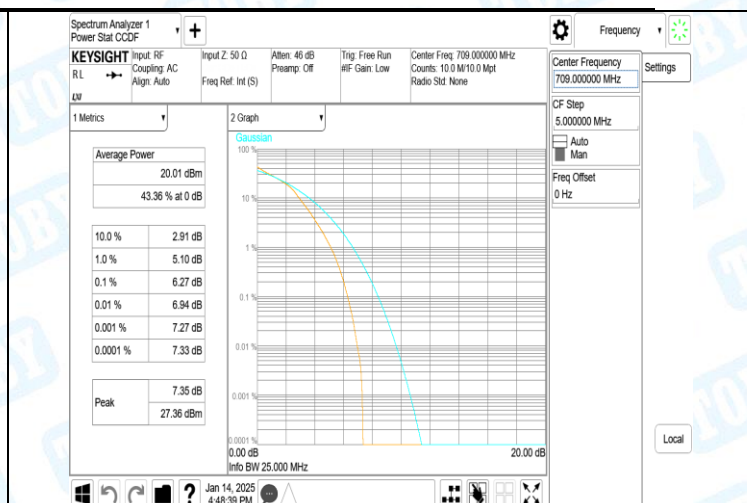
Band17-10MHz-QPSK-23780-50RB#0-PASS



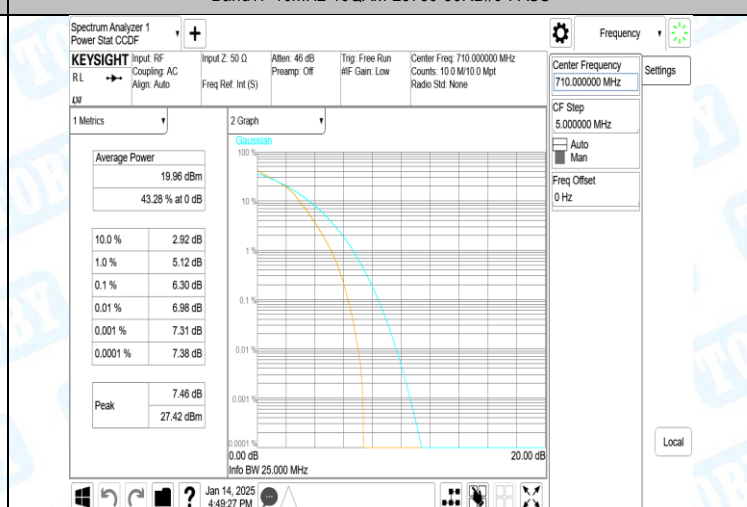
Band17-10MHz-QPSK-23790-50RB#0-PASS



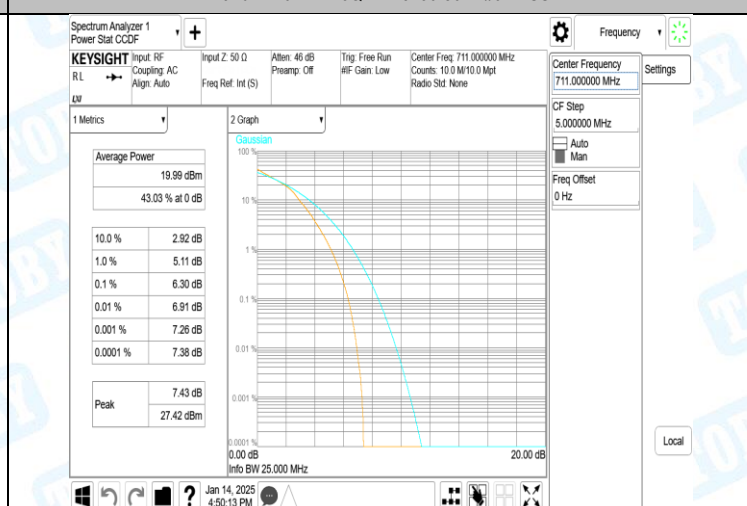
Band17-10MHz-QPSK-23800-50RB#0-PASS



Band17-10MHz-16QAM-23780-50RB#0-PASS



Band17-10MHz-16QAM-23790-50RB#0-PASS



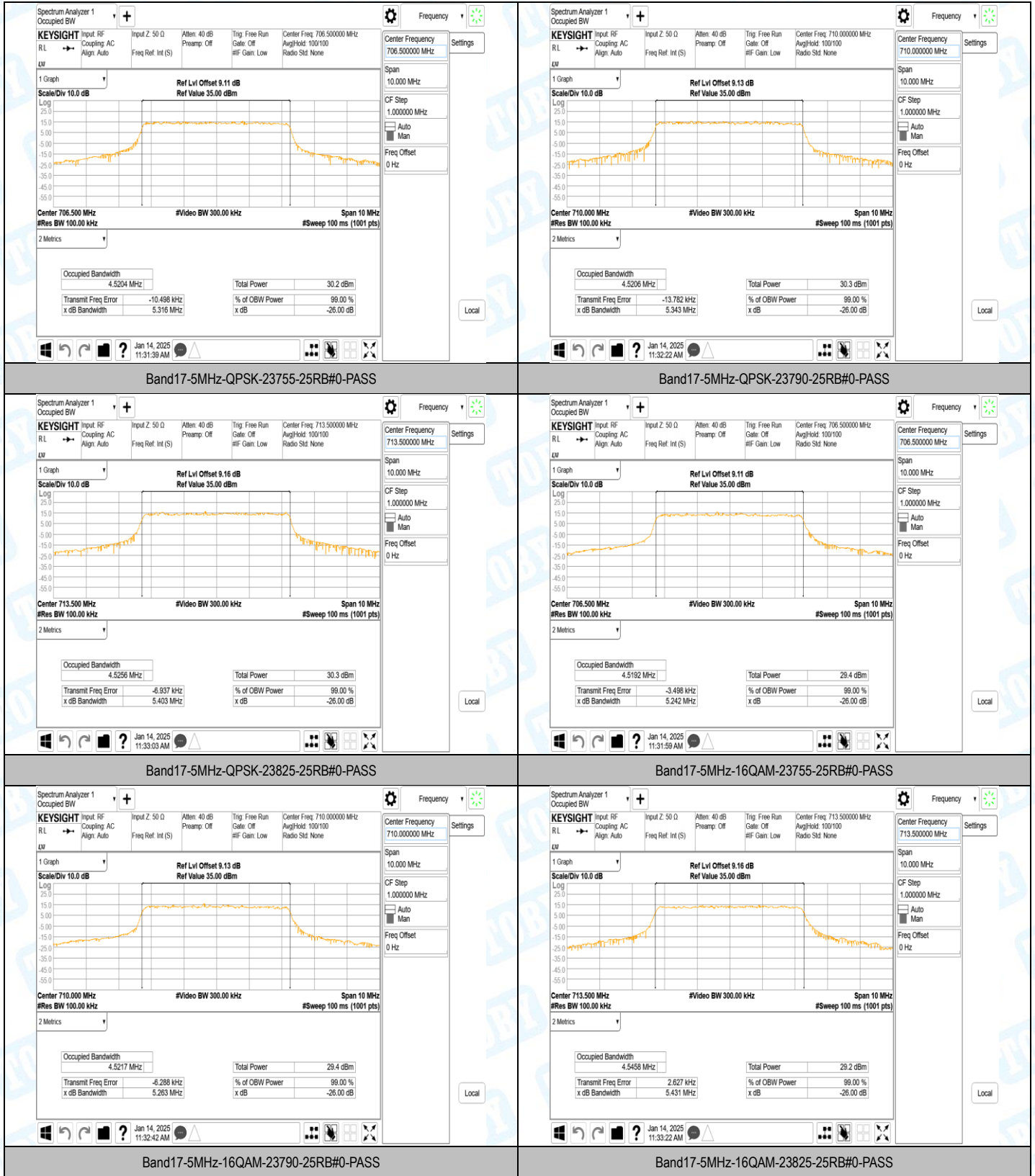
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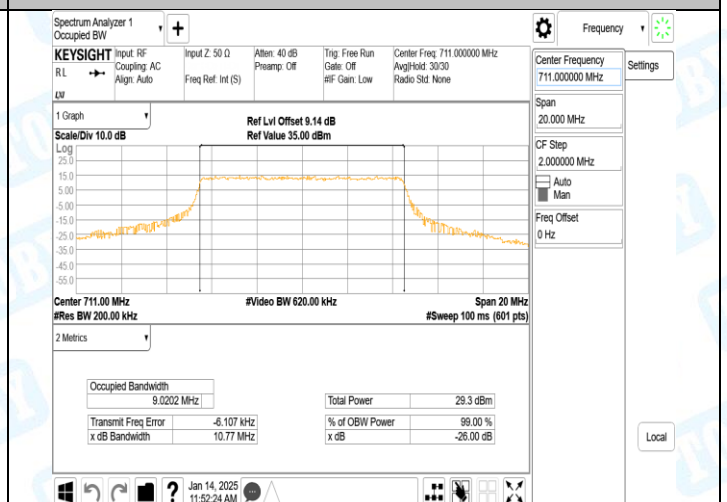
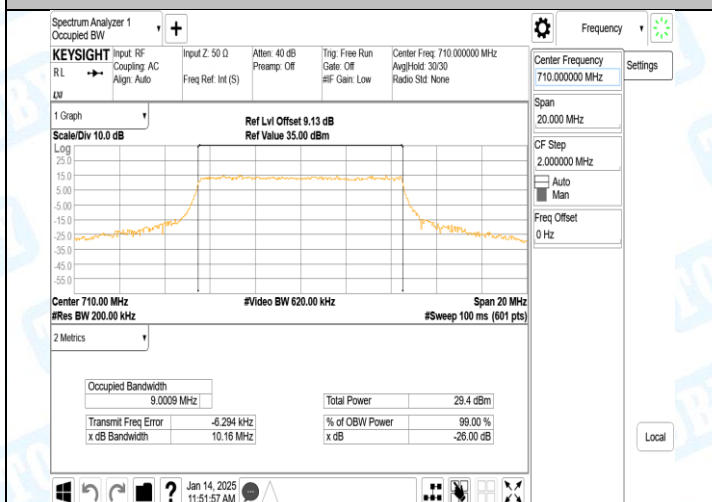
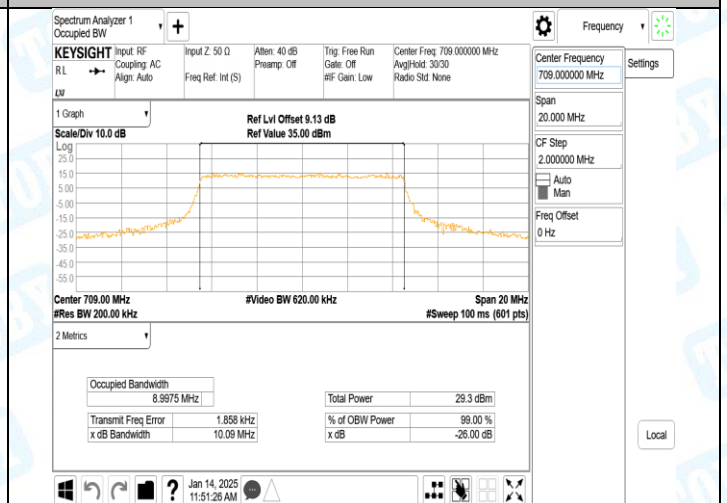
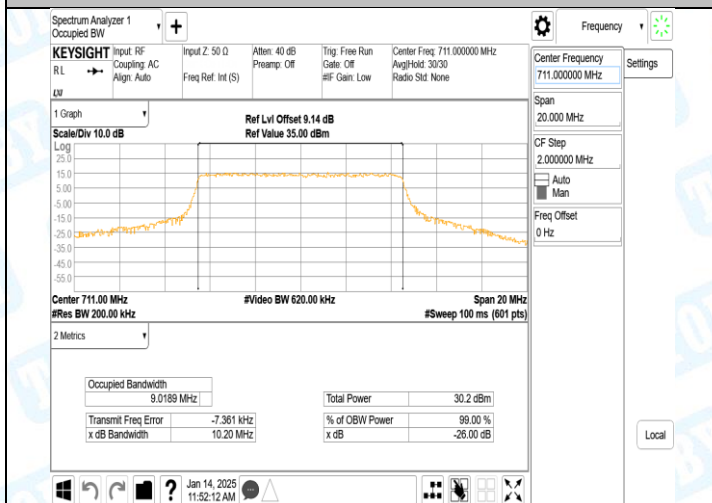
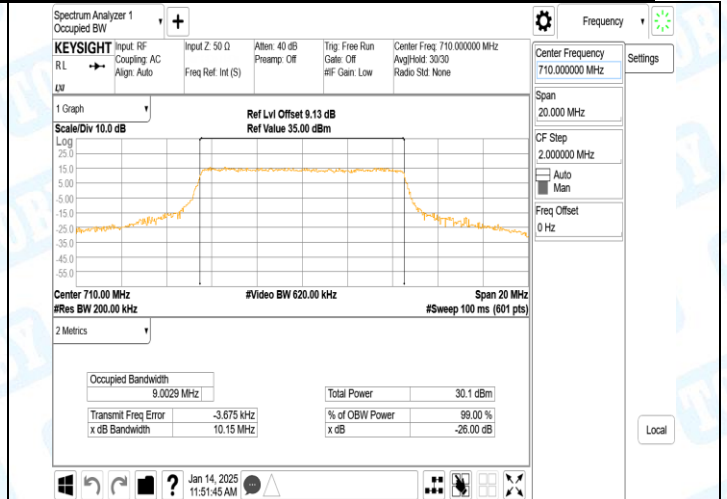
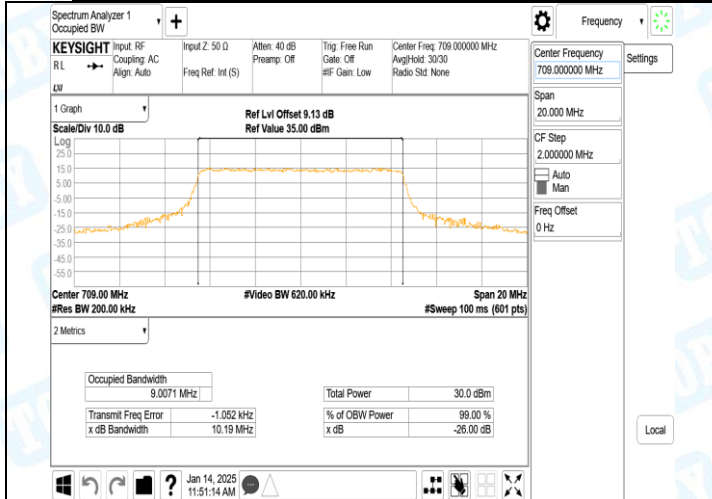
3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5204	5.316	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5206	5.343	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5256	5.403	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5192	5.242	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5217	5.263	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5458	5.431	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0071	10.19	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0029	10.15	PASS
Band17	10MHz	QPSK	23800	50RB#0	9.0189	10.20	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9975	10.09	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0009	10.16	PASS
Band17	10MHz	16QAM	23800	50RB#0	9.0202	10.77	PASS

Test Graphs





Band17-10MHz-16QAM-23790-50RB#0-PASS

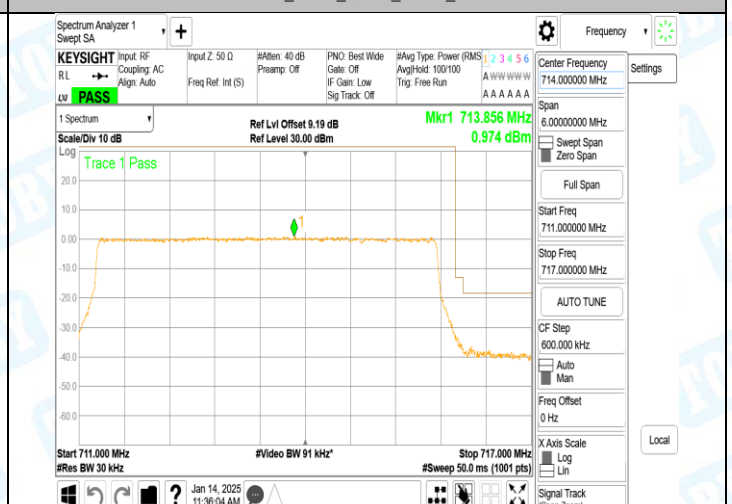
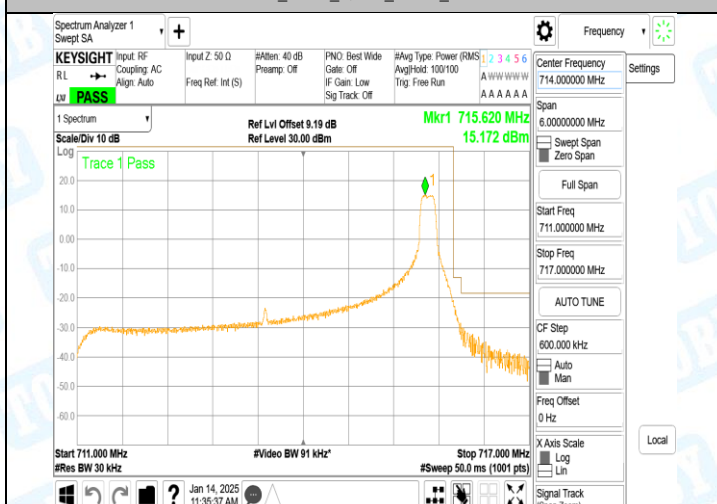
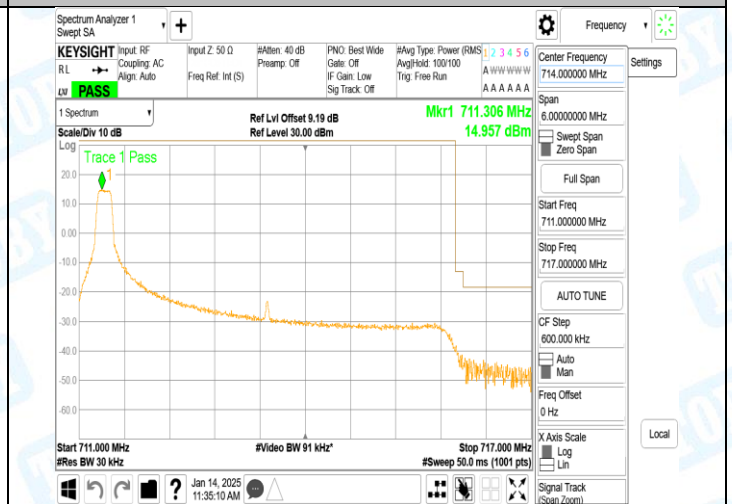
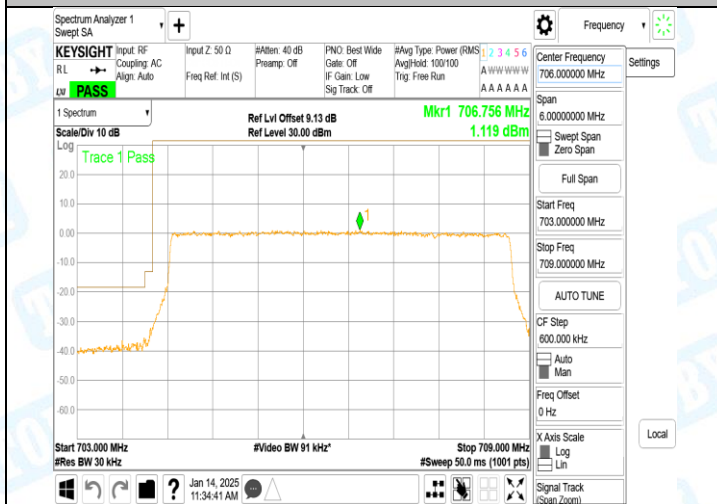
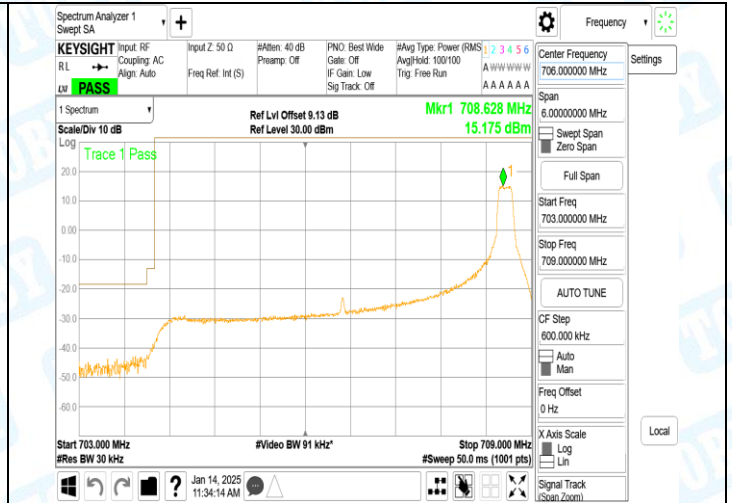
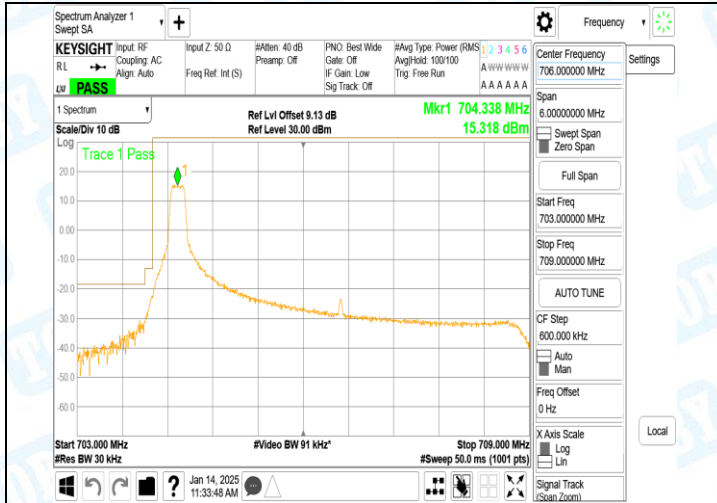
Band17-10MHz-16QAM-23800-50RB#0-PASS

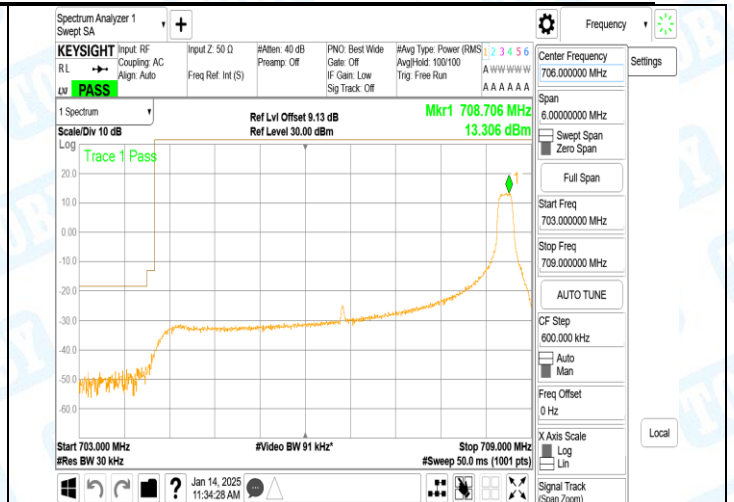
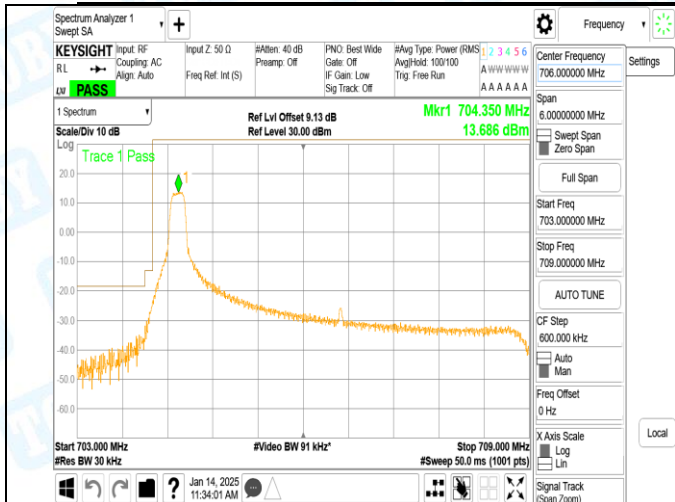
4: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Level_dBm	Margin	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-22.42	9.42	PASS
Band17	5MHz	QPSK	23755	1RB#24	-42.91	24.71	PASS
Band17	5MHz	QPSK	23755	25RB#0	-35.73	17.53	PASS
Band17	5MHz	QPSK	23825	1RB#0	-42.41	24.21	PASS
Band17	5MHz	QPSK	23825	1RB#24	-22.71	9.71	PASS
Band17	5MHz	QPSK	23825	25RB#0	-36.32	18.12	PASS
Band17	5MHz	16QAM	23755	1RB#0	-25.10	12.10	PASS
Band17	5MHz	16QAM	23755	1RB#24	-45.79	27.59	PASS
Band17	5MHz	16QAM	23755	25RB#0	-36.75	18.55	PASS
Band17	5MHz	16QAM	23825	1RB#0	-42.58	24.38	PASS
Band17	5MHz	16QAM	23825	1RB#24	-24.21	11.21	PASS
Band17	5MHz	16QAM	23825	25RB#0	-37.03	18.83	PASS
Band17	10MHz	QPSK	23780	1RB#0	-30.08	17.08	PASS
Band17	10MHz	QPSK	23780	1RB#49	-45.72	27.52	PASS
Band17	10MHz	QPSK	23780	50RB#0	-40.83	22.63	PASS
Band17	10MHz	QPSK	23800	1RB#0	-47.25	29.05	PASS
Band17	10MHz	QPSK	23800	1RB#49	-34.17	15.97	PASS
Band17	10MHz	QPSK	23800	50RB#0	-41.36	23.16	PASS
Band17	10MHz	16QAM	23780	1RB#0	-30.20	17.20	PASS
Band17	10MHz	16QAM	23780	1RB#49	-45.05	26.85	PASS
Band17	10MHz	16QAM	23780	50RB#0	-40.71	22.51	PASS
Band17	10MHz	16QAM	23800	1RB#0	-47.62	29.42	PASS
Band17	10MHz	16QAM	23800	1RB#49	-35.20	17.00	PASS
Band17	10MHz	16QAM	23800	50RB#0	-41.13	22.93	PASS

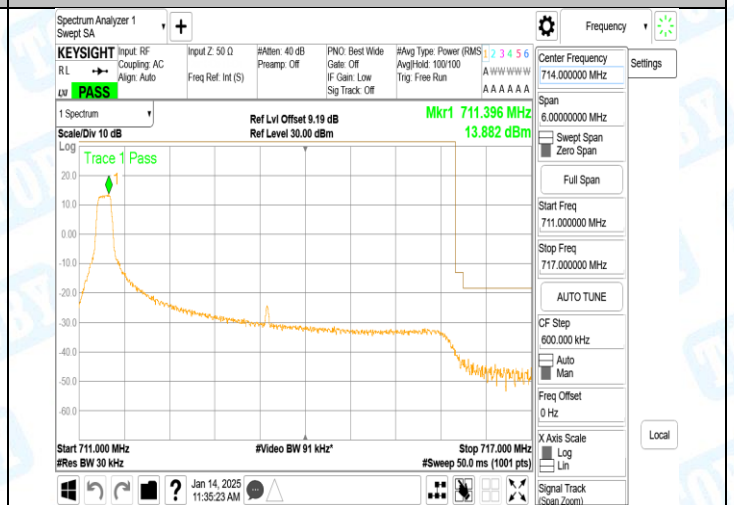
Test Graphs





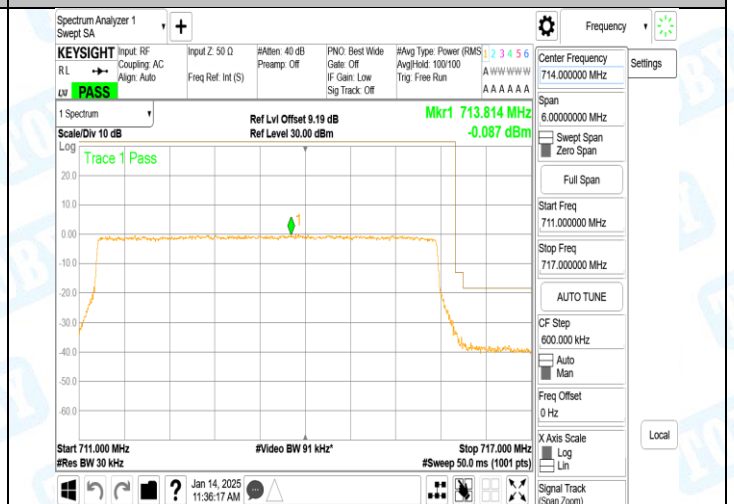
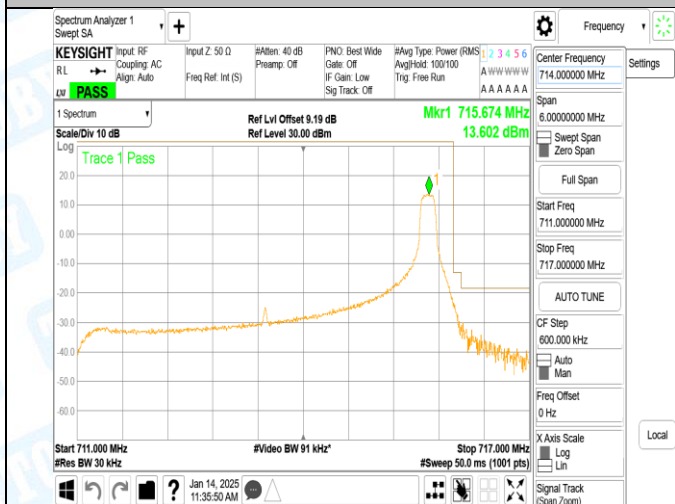
Band17_5MHz_16QAM_23755_1RB#0

Band17_5MHz_16QAM_23755_1RB#24



Band17_5MHz_16QAM_23755_25RB#0

Band17_5MHz_16QAM_23825_1RB#0



Band17_5MHz_16QAM_23825_1RB#24

Band17_5MHz_16QAM_23825_25RB#0