

LTE Band7 Test Data

General Description of EUT	
Product Name:	Smartphone
Test Model:	HiBreak
Sample ID:	HC-C-202406-0078-01-01-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 3.8V
Test Engineer:	ZKN ZHOU
Note: For a more detailed features description, please refer to the report TBR-C-202406-0078-35 . 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
Band7	5MHz	QPSK	20775	1RB#0	18.71	PASS
Band7	5MHz	QPSK	20775	1RB#12	18.84	PASS
Band7	5MHz	QPSK	20775	1RB#24	18.72	PASS
Band7	5MHz	QPSK	20775	12RB#0	17.66	PASS
Band7	5MHz	QPSK	20775	12RB#6	17.65	PASS
Band7	5MHz	QPSK	20775	12RB#13	17.64	PASS
Band7	5MHz	QPSK	20775	25RB#0	17.68	PASS
Band7	5MHz	QPSK	21100	1RB#0	18.38	PASS
Band7	5MHz	QPSK	21100	1RB#12	18.54	PASS
Band7	5MHz	QPSK	21100	1RB#24	18.41	PASS
Band7	5MHz	QPSK	21100	12RB#0	17.45	PASS
Band7	5MHz	QPSK	21100	12RB#6	17.44	PASS
Band7	5MHz	QPSK	21100	12RB#13	17.48	PASS
Band7	5MHz	QPSK	21100	25RB#0	17.47	PASS
Band7	5MHz	QPSK	21425	1RB#0	18.73	PASS
Band7	5MHz	QPSK	21425	1RB#12	19.01	PASS
Band7	5MHz	QPSK	21425	1RB#24	18.86	PASS
Band7	5MHz	QPSK	21425	12RB#0	17.72	PASS
Band7	5MHz	QPSK	21425	12RB#6	17.73	PASS
Band7	5MHz	QPSK	21425	12RB#13	17.76	PASS
Band7	5MHz	QPSK	21425	25RB#0	17.72	PASS
Band7	5MHz	16QAM	20775	1RB#0	17.53	PASS
Band7	5MHz	16QAM	20775	1RB#12	17.67	PASS
Band7	5MHz	16QAM	20775	1RB#24	17.57	PASS
Band7	5MHz	16QAM	20775	12RB#0	16.54	PASS
Band7	5MHz	16QAM	20775	12RB#6	16.56	PASS
Band7	5MHz	16QAM	20775	12RB#13	16.63	PASS
Band7	5MHz	16QAM	20775	25RB#0	16.67	PASS
Band7	5MHz	16QAM	21100	1RB#0	17.42	PASS
Band7	5MHz	16QAM	21100	1RB#12	17.54	PASS
Band7	5MHz	16QAM	21100	1RB#24	17.43	PASS
Band7	5MHz	16QAM	21100	12RB#0	16.43	PASS
Band7	5MHz	16QAM	21100	12RB#6	16.45	PASS
Band7	5MHz	16QAM	21100	12RB#13	16.46	PASS
Band7	5MHz	16QAM	21100	25RB#0	16.42	PASS
Band7	5MHz	16QAM	21425	1RB#0	17.49	PASS
Band7	5MHz	16QAM	21425	1RB#12	17.67	PASS
Band7	5MHz	16QAM	21425	1RB#24	17.15	PASS
Band7	5MHz	16QAM	21425	12RB#0	16.71	PASS

Band7	5MHz	16QAM	21425	12RB#6	16.69	PASS
Band7	5MHz	16QAM	21425	12RB#13	16.69	PASS
Band7	5MHz	16QAM	21425	25RB#0	16.73	PASS
Band7	10MHz	QPSK	20800	1RB#0	18.78	PASS
Band7	10MHz	QPSK	20800	1RB#24	18.93	PASS
Band7	10MHz	QPSK	20800	1RB#49	18.74	PASS
Band7	10MHz	QPSK	20800	25RB#0	17.40	PASS
Band7	10MHz	QPSK	20800	25RB#12	17.79	PASS
Band7	10MHz	QPSK	20800	25RB#25	17.70	PASS
Band7	10MHz	QPSK	20800	50RB#0	17.75	PASS
Band7	10MHz	QPSK	21100	1RB#0	18.54	PASS
Band7	10MHz	QPSK	21100	1RB#24	18.56	PASS
Band7	10MHz	QPSK	21100	1RB#49	18.60	PASS
Band7	10MHz	QPSK	21100	25RB#0	17.50	PASS
Band7	10MHz	QPSK	21100	25RB#12	17.54	PASS
Band7	10MHz	QPSK	21100	25RB#25	17.54	PASS
Band7	10MHz	QPSK	21100	50RB#0	17.52	PASS
Band7	10MHz	QPSK	21400	1RB#0	18.56	PASS
Band7	10MHz	QPSK	21400	1RB#24	18.34	PASS
Band7	10MHz	QPSK	21400	1RB#49	18.28	PASS
Band7	10MHz	QPSK	21400	25RB#0	17.24	PASS
Band7	10MHz	QPSK	21400	25RB#12	17.29	PASS
Band7	10MHz	QPSK	21400	25RB#25	17.25	PASS
Band7	10MHz	QPSK	21400	50RB#0	17.26	PASS
Band7	10MHz	16QAM	20800	1RB#0	17.72	PASS
Band7	10MHz	16QAM	20800	1RB#24	17.81	PASS
Band7	10MHz	16QAM	20800	1RB#49	17.44	PASS
Band7	10MHz	16QAM	20800	25RB#0	16.61	PASS
Band7	10MHz	16QAM	20800	25RB#12	16.70	PASS
Band7	10MHz	16QAM	20800	25RB#25	16.74	PASS
Band7	10MHz	16QAM	20800	50RB#0	16.73	PASS
Band7	10MHz	16QAM	21100	1RB#0	17.23	PASS
Band7	10MHz	16QAM	21100	1RB#24	17.32	PASS
Band7	10MHz	16QAM	21100	1RB#49	17.29	PASS
Band7	10MHz	16QAM	21100	25RB#0	16.52	PASS
Band7	10MHz	16QAM	21100	25RB#12	16.52	PASS
Band7	10MHz	16QAM	21100	25RB#25	16.55	PASS
Band7	10MHz	16QAM	21100	50RB#0	16.56	PASS
Band7	10MHz	16QAM	21400	1RB#0	17.35	PASS
Band7	10MHz	16QAM	21400	1RB#24	17.02	PASS
Band7	10MHz	16QAM	21400	1RB#49	17.04	PASS
Band7	10MHz	16QAM	21400	25RB#0	16.39	PASS
Band7	10MHz	16QAM	21400	25RB#12	16.38	PASS
Band7	10MHz	16QAM	21400	25RB#25	16.26	PASS

Band7	10MHz	16QAM	21400	50RB#0	16.32	PASS
Band7	15MHz	QPSK	20825	1RB#0	18.25	PASS
Band7	15MHz	QPSK	20825	1RB#38	18.30	PASS
Band7	15MHz	QPSK	20825	1RB#74	18.20	PASS
Band7	15MHz	QPSK	20825	38RB#0	17.29	PASS
Band7	15MHz	QPSK	20825	38RB#18	17.25	PASS
Band7	15MHz	QPSK	20825	38RB#37	17.27	PASS
Band7	15MHz	QPSK	20825	75RB#0	17.26	PASS
Band7	15MHz	QPSK	21100	1RB#0	17.91	PASS
Band7	15MHz	QPSK	21100	1RB#38	18.02	PASS
Band7	15MHz	QPSK	21100	1RB#74	17.94	PASS
Band7	15MHz	QPSK	21100	38RB#0	17.13	PASS
Band7	15MHz	QPSK	21100	38RB#18	17.15	PASS
Band7	15MHz	QPSK	21100	38RB#37	17.32	PASS
Band7	15MHz	QPSK	21100	75RB#0	17.26	PASS
Band7	15MHz	QPSK	21375	1RB#0	18.30	PASS
Band7	15MHz	QPSK	21375	1RB#38	18.19	PASS
Band7	15MHz	QPSK	21375	1RB#74	18.24	PASS
Band7	15MHz	QPSK	21375	38RB#0	17.36	PASS
Band7	15MHz	QPSK	21375	38RB#18	17.36	PASS
Band7	15MHz	QPSK	21375	38RB#37	17.37	PASS
Band7	15MHz	QPSK	21375	75RB#0	17.36	PASS
Band7	15MHz	16QAM	20825	1RB#0	17.24	PASS
Band7	15MHz	16QAM	20825	1RB#38	17.37	PASS
Band7	15MHz	16QAM	20825	1RB#74	17.30	PASS
Band7	15MHz	16QAM	20825	38RB#0	17.31	PASS
Band7	15MHz	16QAM	20825	38RB#18	17.32	PASS
Band7	15MHz	16QAM	20825	38RB#37	17.26	PASS
Band7	15MHz	16QAM	20825	75RB#0	16.21	PASS
Band7	15MHz	16QAM	21100	1RB#0	17.12	PASS
Band7	15MHz	16QAM	21100	1RB#38	17.10	PASS
Band7	15MHz	16QAM	21100	1RB#74	17.08	PASS
Band7	15MHz	16QAM	21100	38RB#0	17.19	PASS
Band7	15MHz	16QAM	21100	38RB#18	17.20	PASS
Band7	15MHz	16QAM	21100	38RB#37	17.15	PASS
Band7	15MHz	16QAM	21100	75RB#0	16.45	PASS
Band7	15MHz	16QAM	21375	1RB#0	16.94	PASS
Band7	15MHz	16QAM	21375	1RB#38	16.98	PASS
Band7	15MHz	16QAM	21375	1RB#74	16.98	PASS
Band7	15MHz	16QAM	21375	38RB#0	17.36	PASS
Band7	15MHz	16QAM	21375	38RB#18	17.38	PASS
Band7	15MHz	16QAM	21375	38RB#37	17.36	PASS
Band7	15MHz	16QAM	21375	75RB#0	16.33	PASS
Band7	20MHz	QPSK	20850	1RB#0	18.22	PASS

Band7	20MHz	QPSK	20850	1RB#49	18.33	PASS
Band7	20MHz	QPSK	20850	1RB#99	17.96	PASS
Band7	20MHz	QPSK	20850	50RB#0	17.28	PASS
Band7	20MHz	QPSK	20850	50RB#25	17.27	PASS
Band7	20MHz	QPSK	20850	50RB#50	17.09	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.22	PASS
Band7	20MHz	QPSK	21100	1RB#0	17.90	PASS
Band7	20MHz	QPSK	21100	1RB#49	18.22	PASS
Band7	20MHz	QPSK	21100	1RB#99	18.05	PASS
Band7	20MHz	QPSK	21100	50RB#0	16.95	PASS
Band7	20MHz	QPSK	21100	50RB#25	16.93	PASS
Band7	20MHz	QPSK	21100	50RB#50	17.03	PASS
Band7	20MHz	QPSK	21100	100RB#0	16.99	PASS
Band7	20MHz	QPSK	21350	1RB#0	17.91	PASS
Band7	20MHz	QPSK	21350	1RB#49	18.13	PASS
Band7	20MHz	QPSK	21350	1RB#99	18.19	PASS
Band7	20MHz	QPSK	21350	50RB#0	17.34	PASS
Band7	20MHz	QPSK	21350	50RB#25	17.35	PASS
Band7	20MHz	QPSK	21350	50RB#50	17.21	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.29	PASS
Band7	20MHz	16QAM	20850	1RB#0	17.08	PASS
Band7	20MHz	16QAM	20850	1RB#49	17.38	PASS
Band7	20MHz	16QAM	20850	1RB#99	17.01	PASS
Band7	20MHz	16QAM	20850	50RB#0	16.28	PASS
Band7	20MHz	16QAM	20850	50RB#25	16.26	PASS
Band7	20MHz	16QAM	20850	50RB#50	16.15	PASS
Band7	20MHz	16QAM	20850	100RB#0	16.24	PASS
Band7	20MHz	16QAM	21100	1RB#0	17.09	PASS
Band7	20MHz	16QAM	21100	1RB#49	17.26	PASS
Band7	20MHz	16QAM	21100	1RB#99	17.11	PASS
Band7	20MHz	16QAM	21100	50RB#0	16.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	16.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	15.93	PASS
Band7	20MHz	16QAM	21100	100RB#0	15.90	PASS
Band7	20MHz	16QAM	21350	1RB#0	16.89	PASS
Band7	20MHz	16QAM	21350	1RB#49	17.12	PASS
Band7	20MHz	16QAM	21350	1RB#99	17.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	16.50	PASS
Band7	20MHz	16QAM	21350	50RB#25	16.54	PASS
Band7	20MHz	16QAM	21350	50RB#50	16.29	PASS
Band7	20MHz	16QAM	21350	100RB#0	16.35	PASS

2: Peak-to-Average Ratio(CCDF)

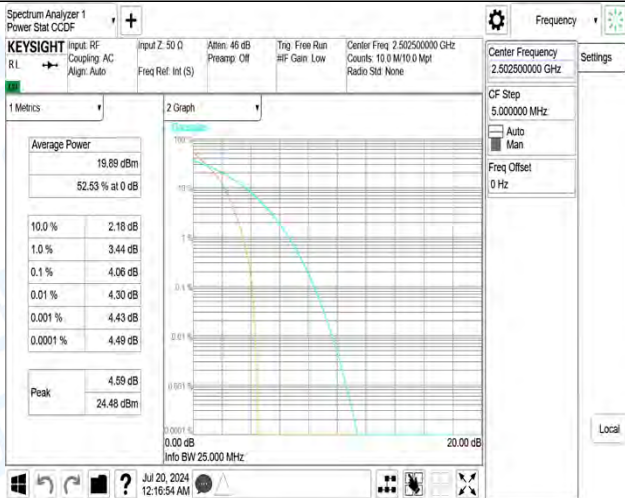
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.06	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.81	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.75	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.58	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	2.44	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	3.74	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.69	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.45	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.53	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.35	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	3.95	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.67	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.20	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.15	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	3.74	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.79	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.46	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.09	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.03	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.85	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.83	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.45	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.74	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.10	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.29	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.69	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	3.87	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.17	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.82	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	4.78	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.12	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.15	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	4.77	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.75	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.85	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.76	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.76	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.39	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	3.63	13	PASS

Band7	20MHz	QPSK	21100	100RB#0	5.00	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.24	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.33	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.49	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.11	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	4.48	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.73	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	6.12	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.14	13	PASS

Test Graphs

Band7-5MHz-QPSK-20775-1RB#0-PASS



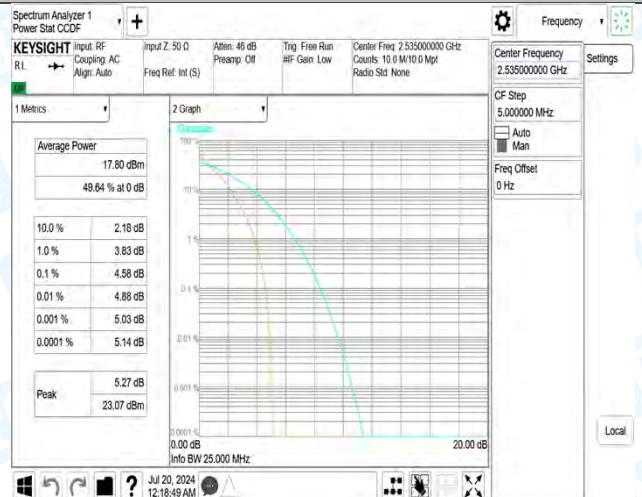
Band7-5MHz-QPSK-20775-25RB#0-PASS



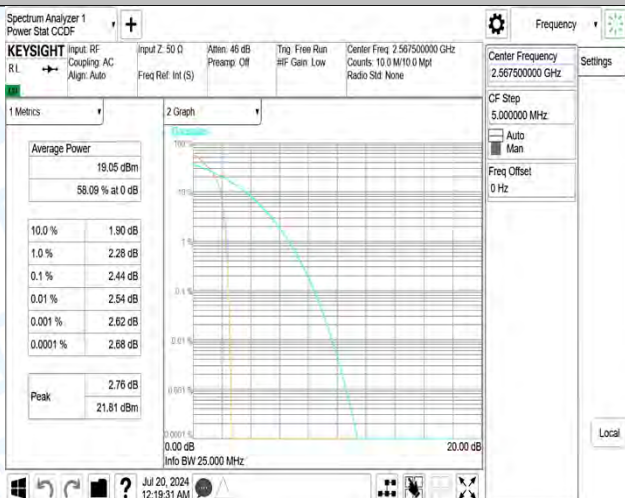
Band7-5MHz-QPSK-21100-1RB#0-PASS



Band7-5MHz-QPSK-21100-25RB#0-PASS



Band7-5MHz-QPSK-21425-1RB#0-PASS

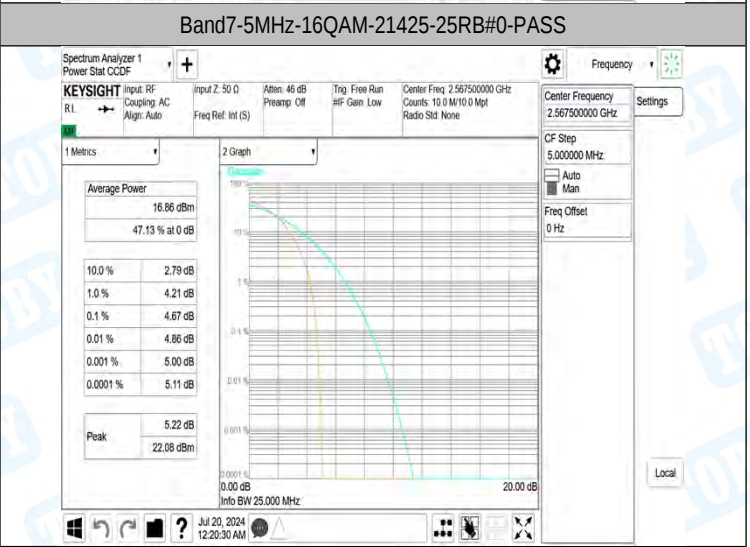
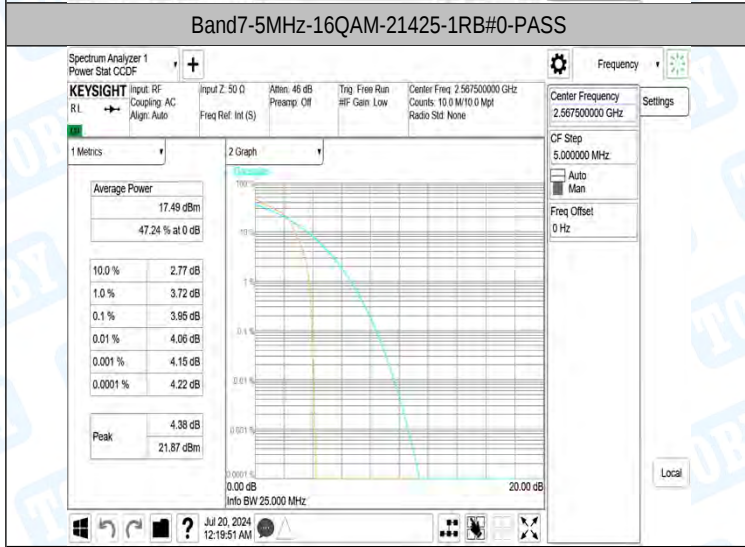
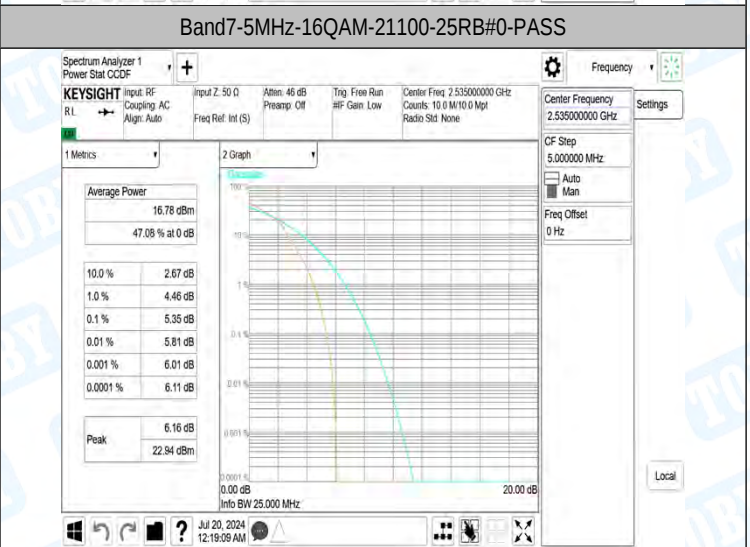
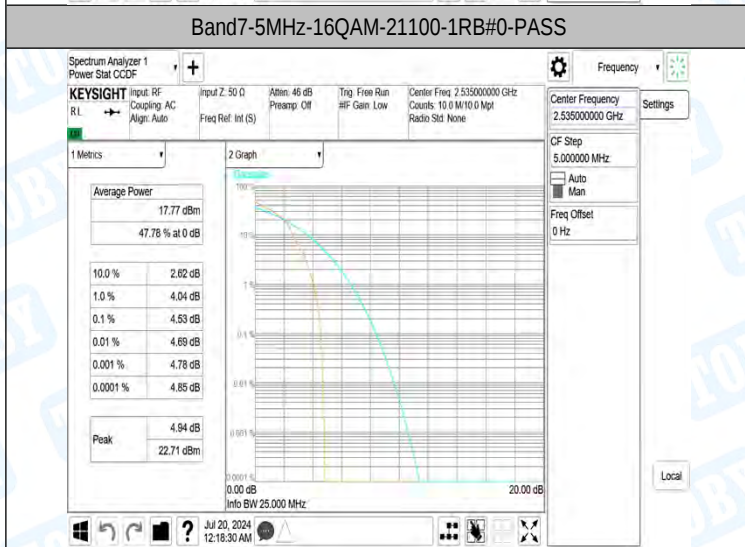
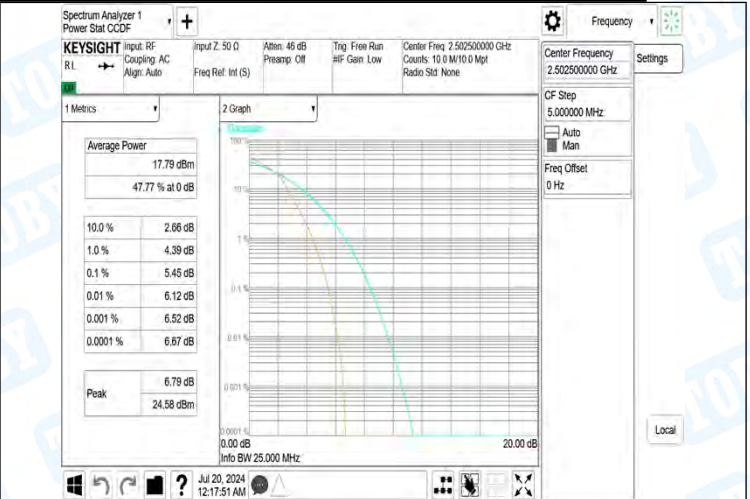


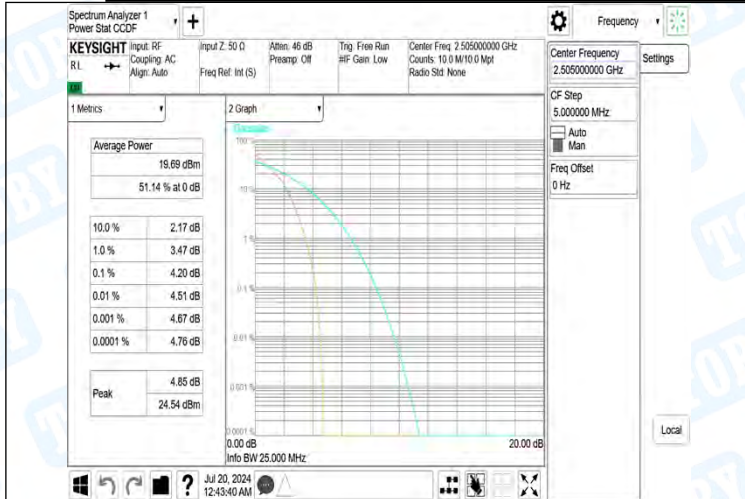
Band7-5MHz-QPSK-21425-25RB#0-PASS



Band7-5MHz-16QAM-20775-1RB#0-PASS

Band7-5MHz-16QAM-20775-25RB#0-PASS

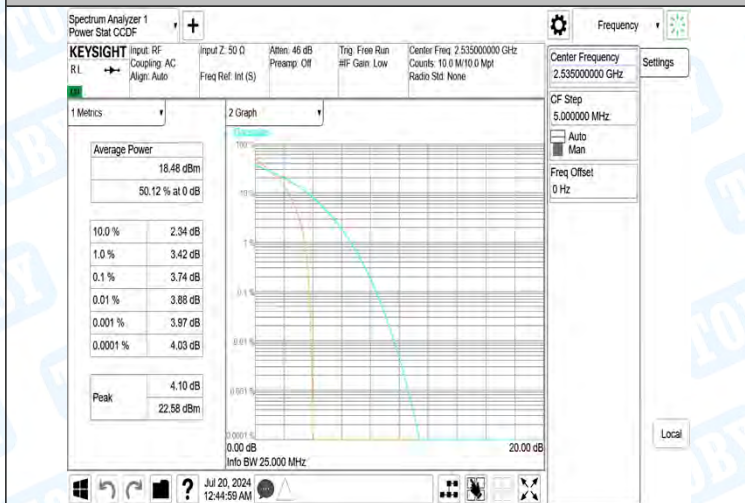




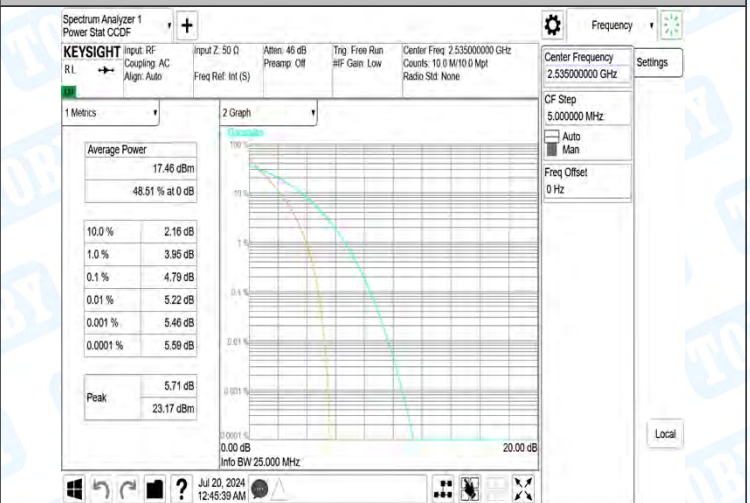
Band7-10MHz-QPSK-21100-1RB#0-PASS



Band7-10MHz-QPSK-21100-50RB#0-PASS



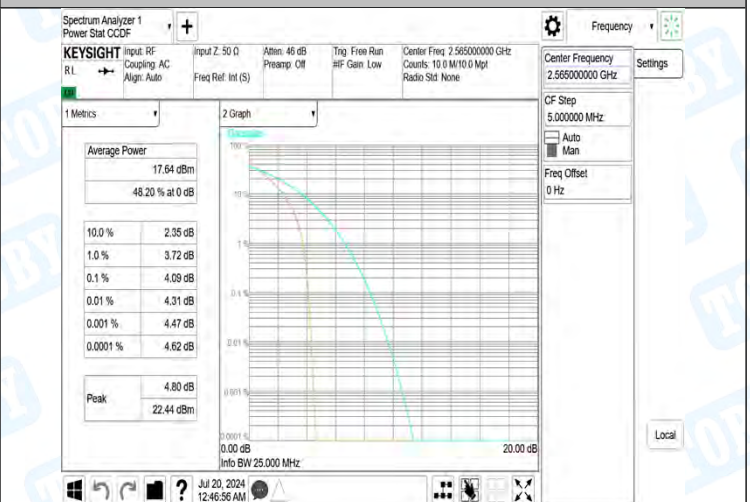
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Band7-10MHz-QPSK-21400-50RB#0-PASS



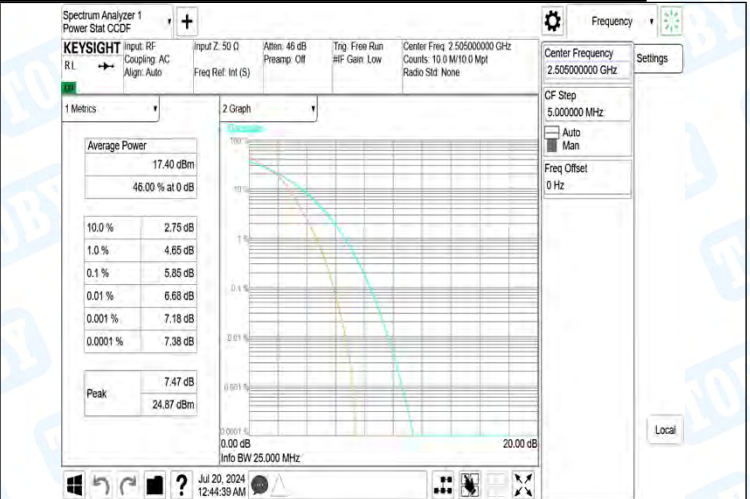
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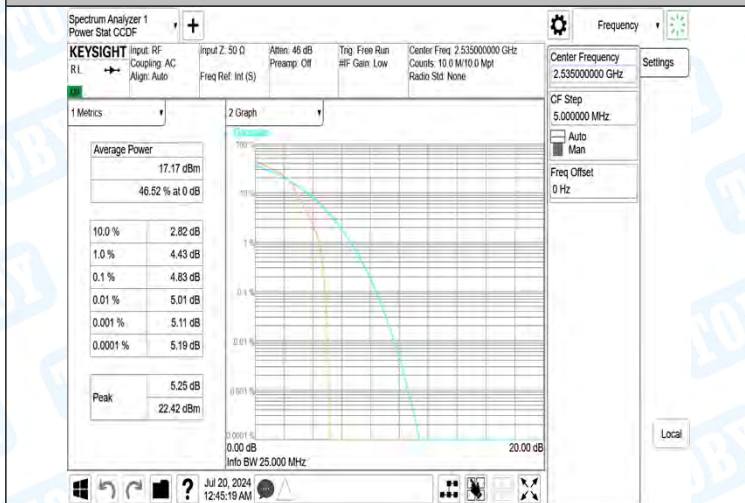
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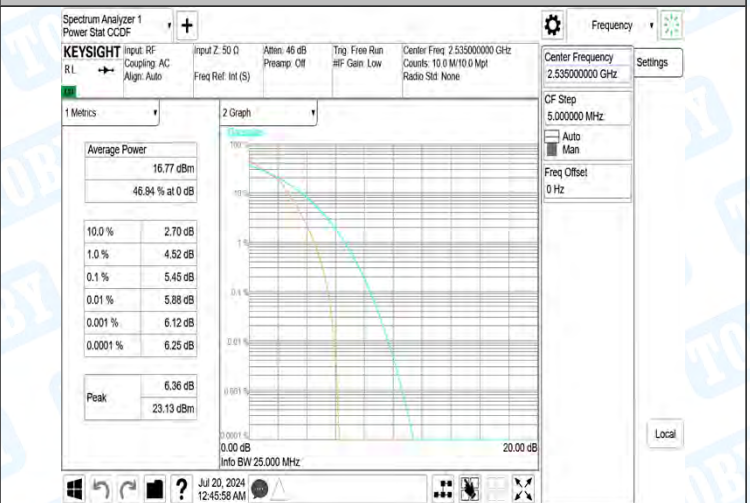
Band7-10MHz-16QAM-21100-1RB#0-PASS



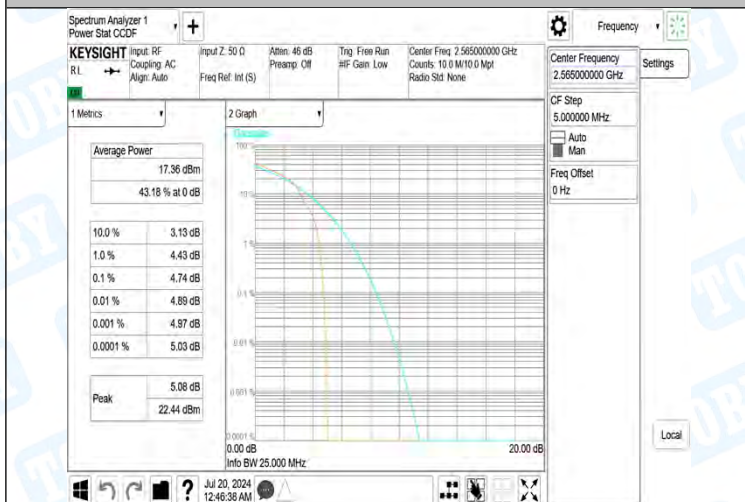
Band7-10MHz-16QAM-21100-50RB#0-PASS



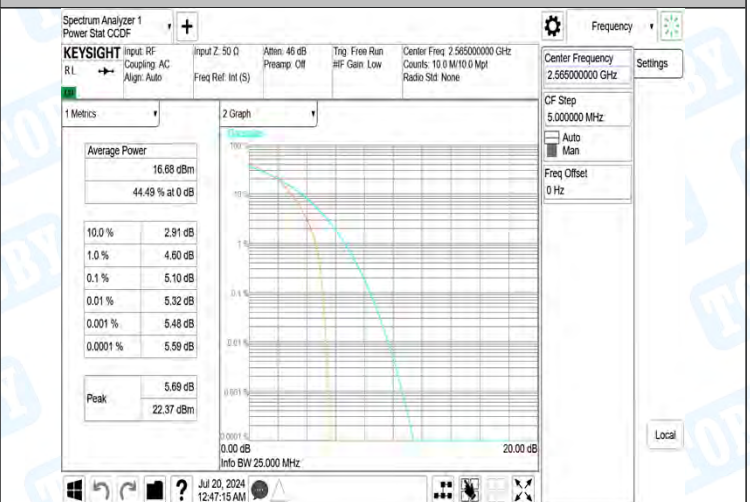
Band7-10MHz-16QAM-21400-1RB#0-PASS



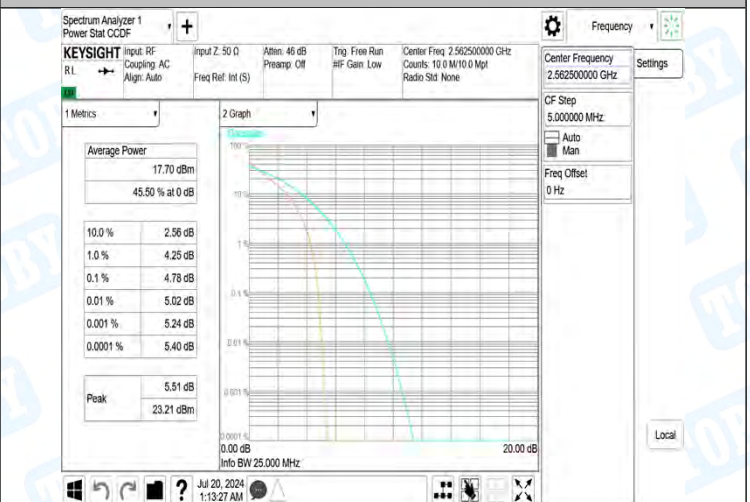
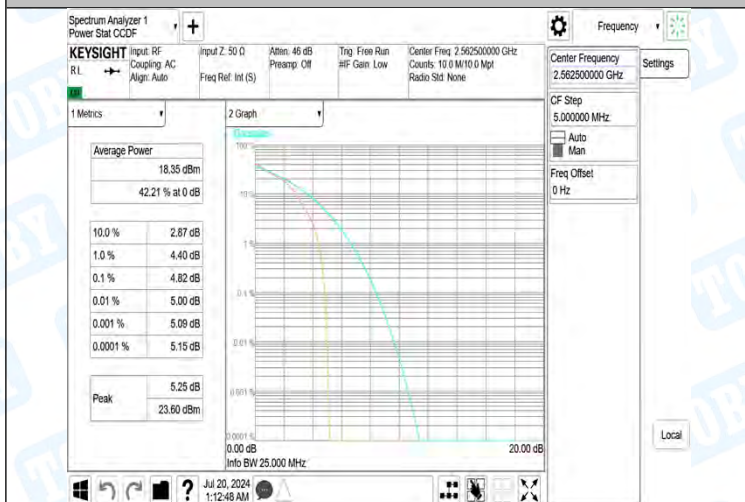
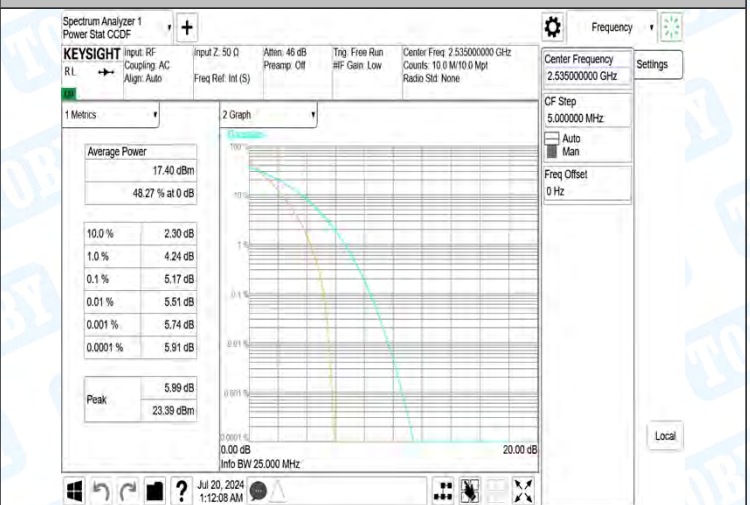
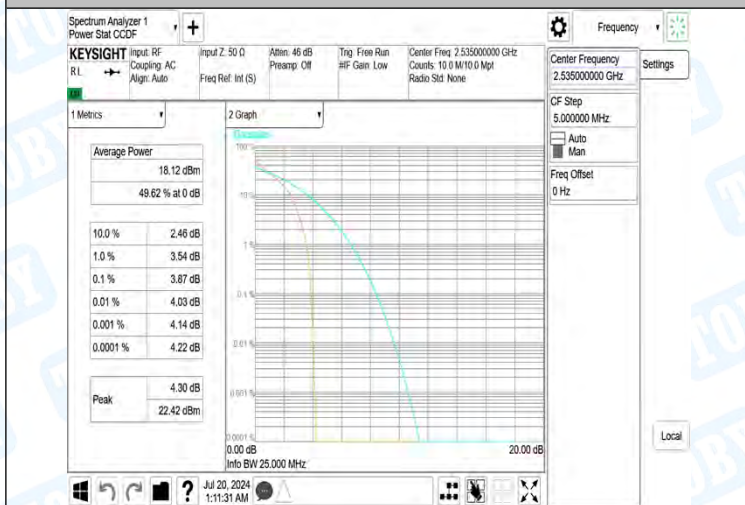
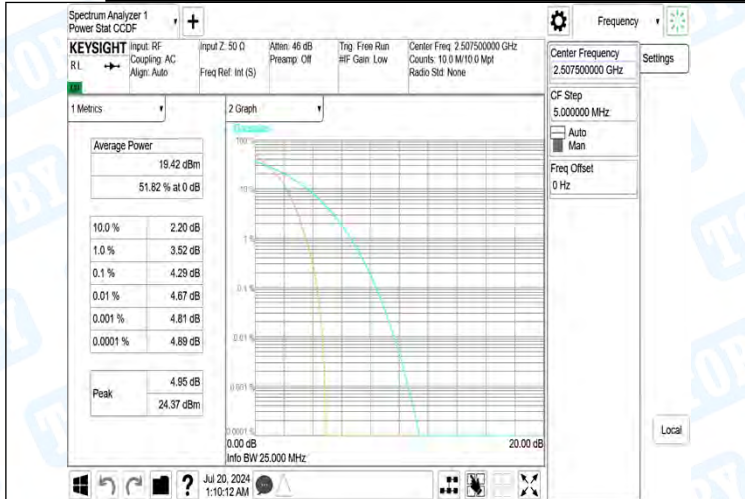
Band7-10MHz-16QAM-21400-50RB#0-PASS

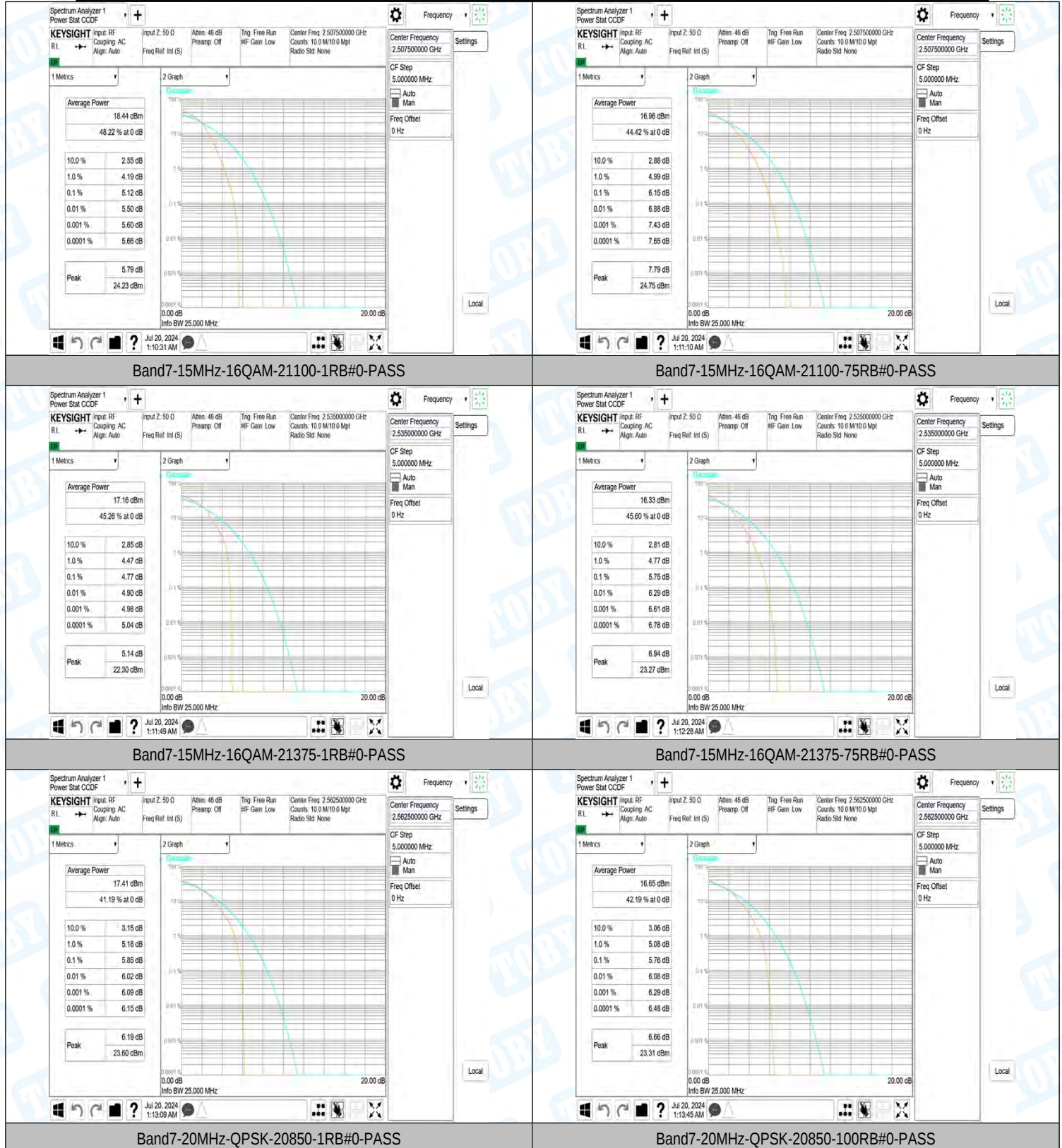


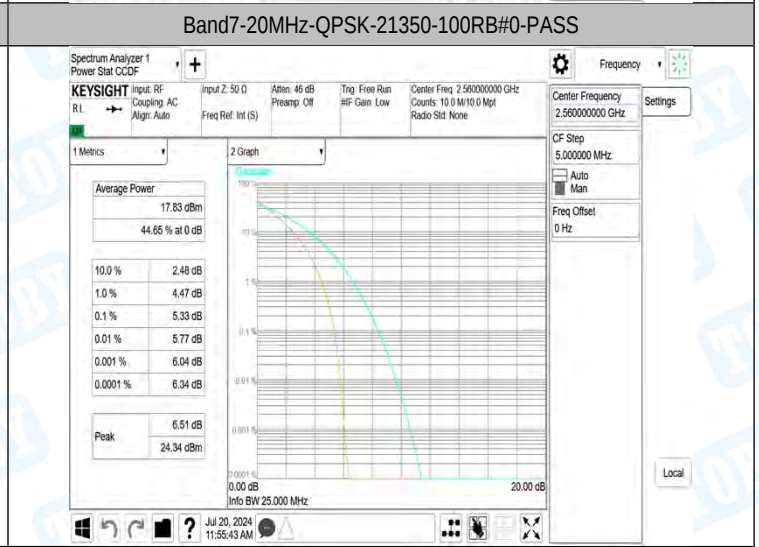
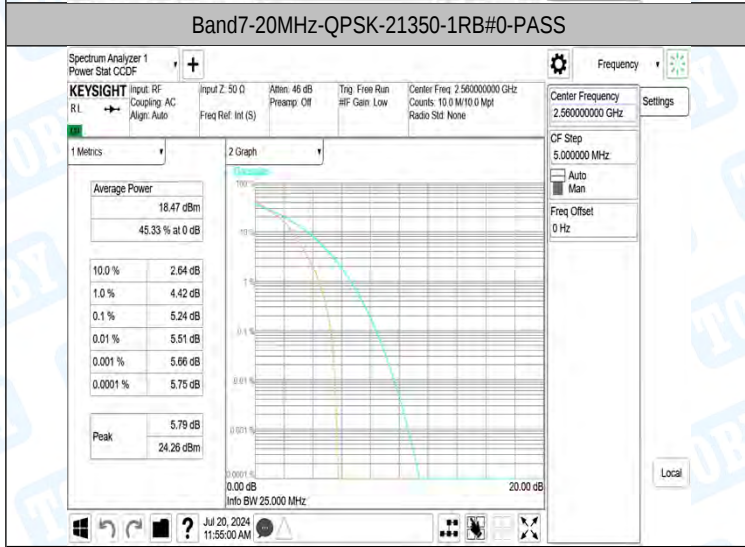
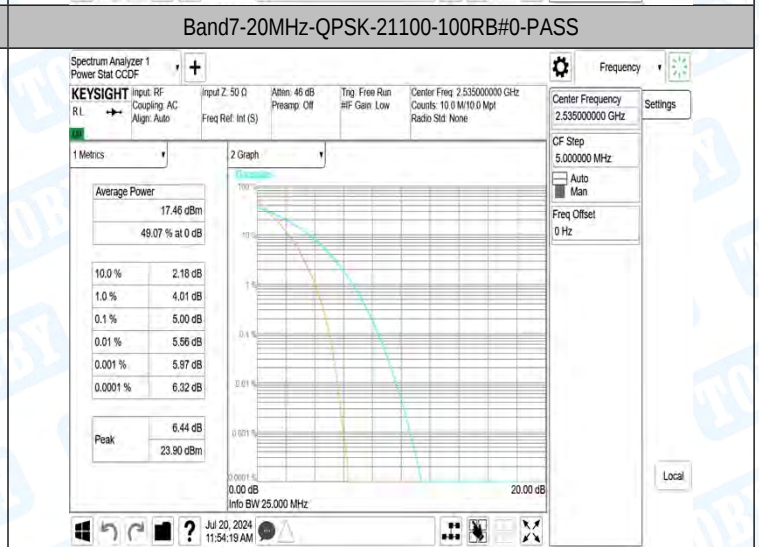
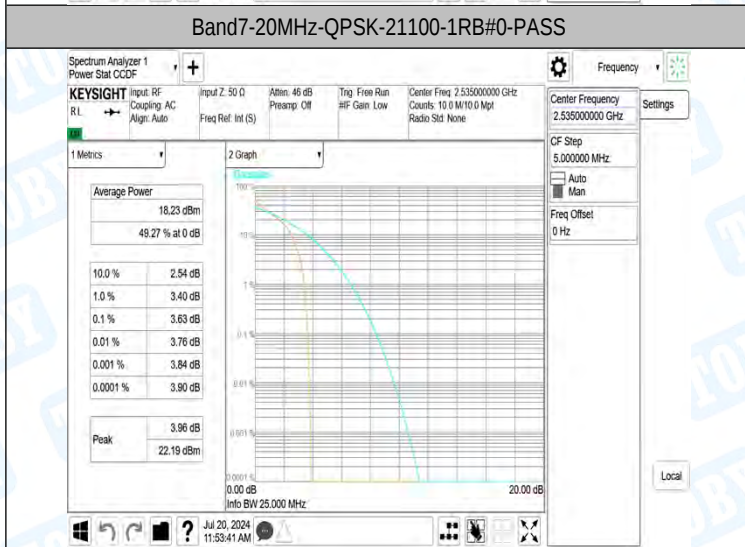
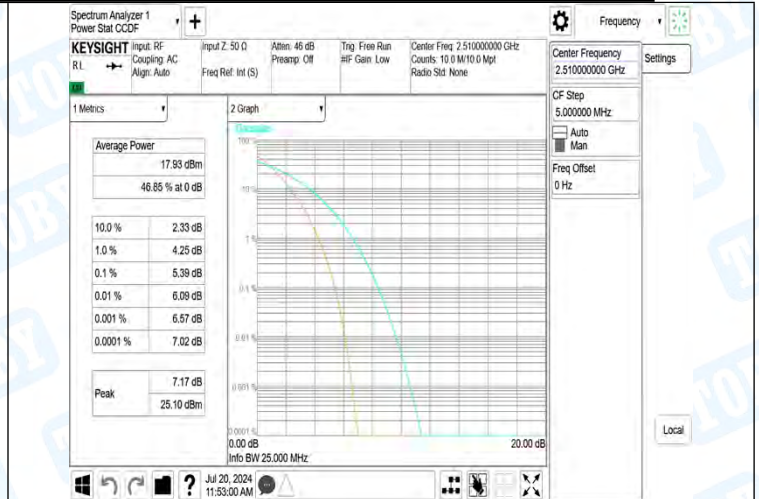
Band7-15MHz-QPSK-20825-1RB#0-PASS

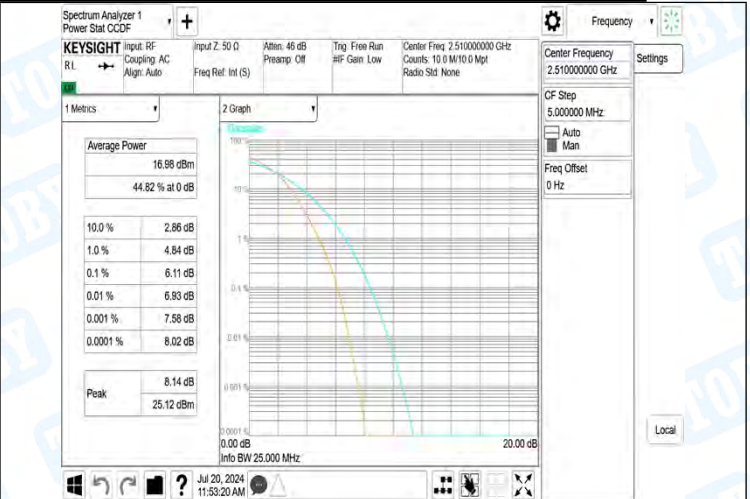
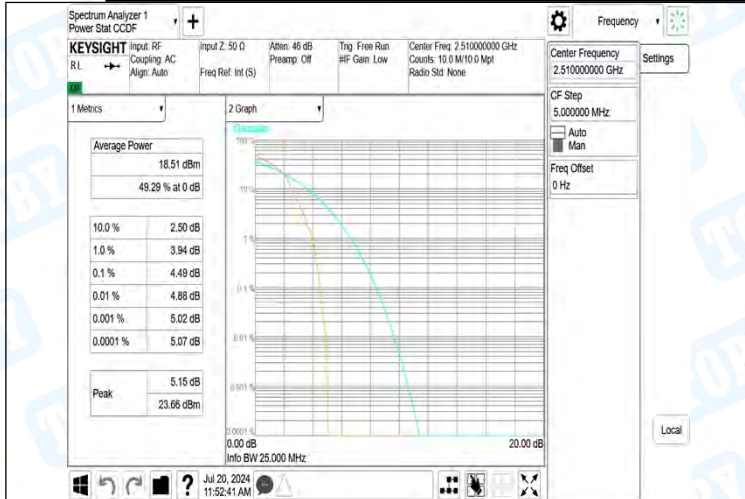


Band7-15MHz-QPSK-20825-75RB#0-PASS



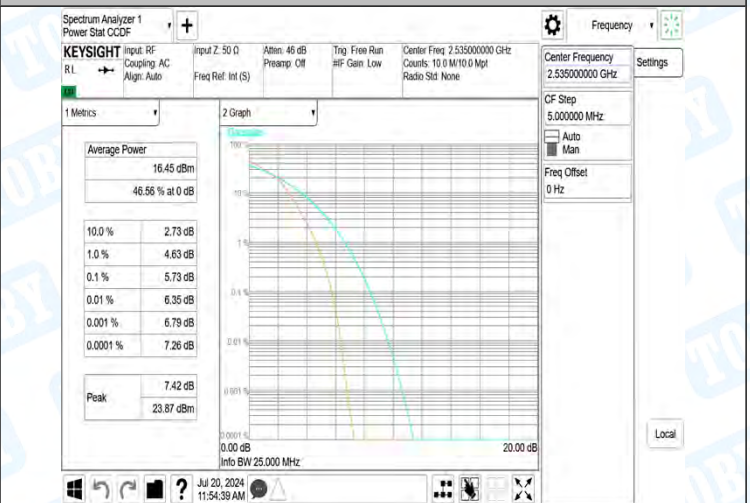
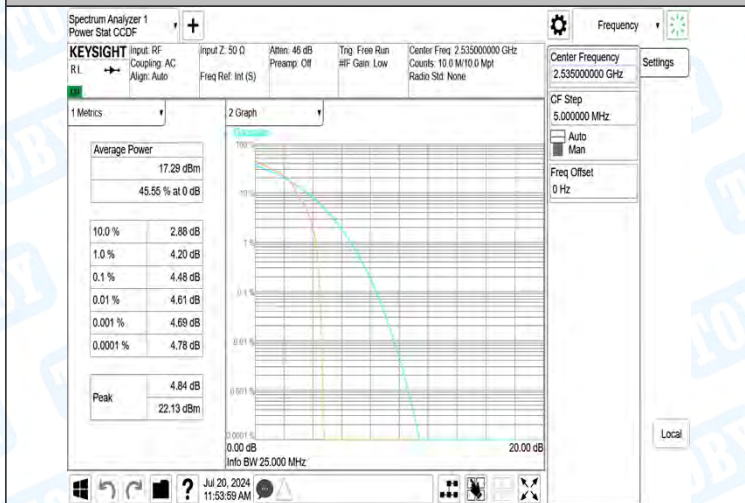






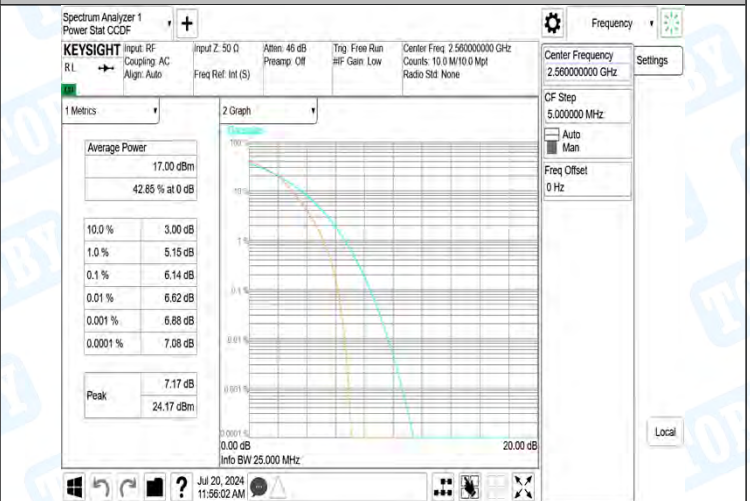
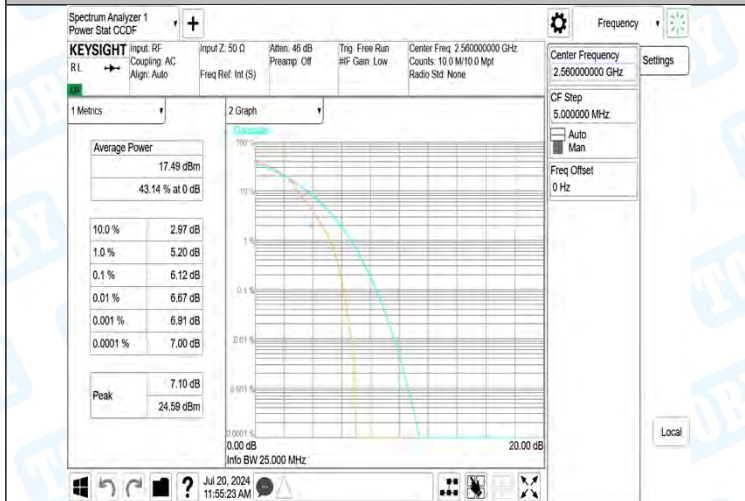
Band7-20MHz-16QAM-21100-1RB#0-PASS

Band7-20MHz-16QAM-21100-100RB#0-PASS



Band7-20MHz-16QAM-21350-1RB#0-PASS

Band7-20MHz-16QAM-21350-100RB#0-PASS



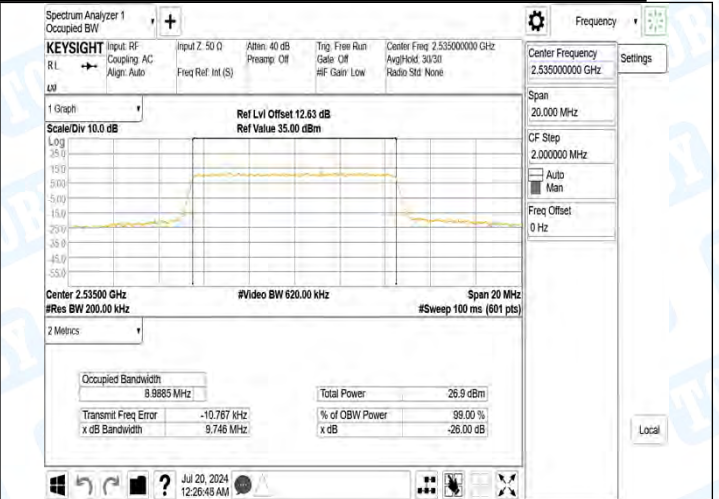
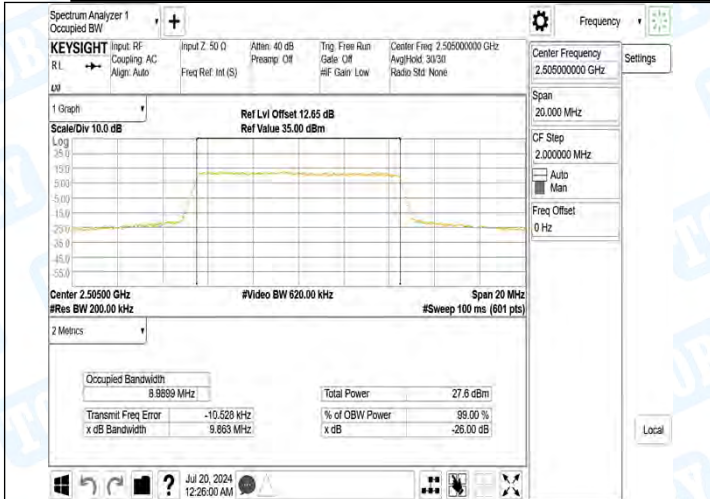
3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4973	4.978	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4929	4.969	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5117	5.084	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4893	4.967	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5016	4.967	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5219	5.008	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9899	9.863	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9885	9.746	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9871	9.791	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9924	9.722	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9913	9.793	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9716	9.721	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.464	14.69	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.480	14.70	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.473	14.62	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.466	14.58	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.473	15.03	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.498	14.60	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.963	19.28	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.926	19.52	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.949	19.43	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.967	19.28	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.927	19.32	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.997	19.48	PASS

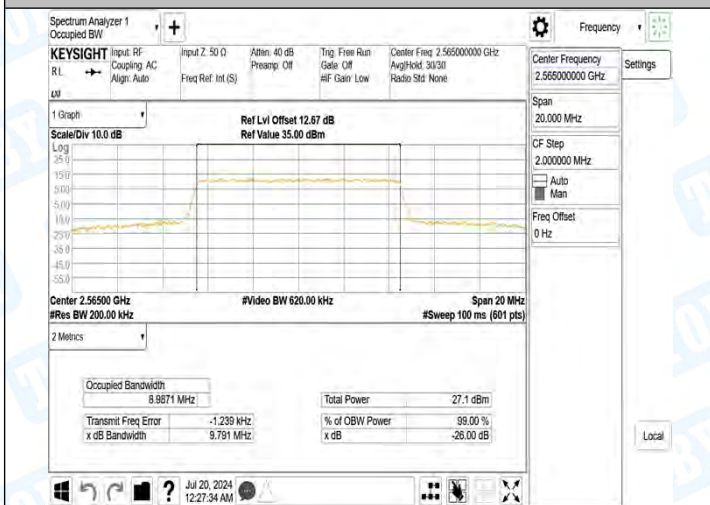
Test Graphs





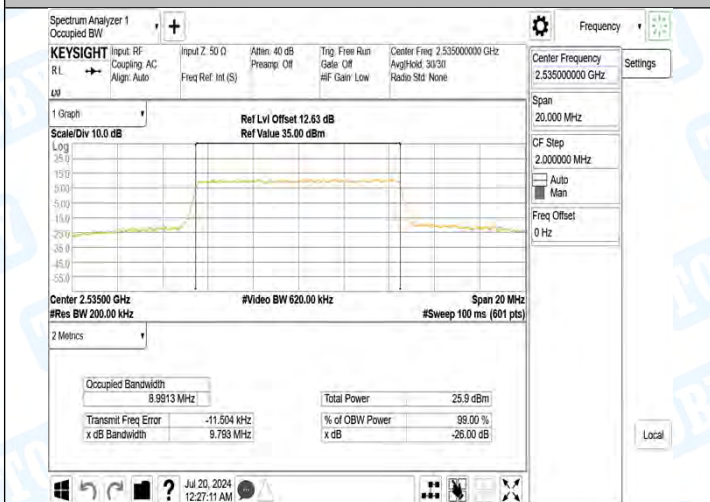
Band7-10MHz-QPSK-21400-50RB#0-PASS

Band7-10MHz-16QAM-20800-50RB#0-PASS



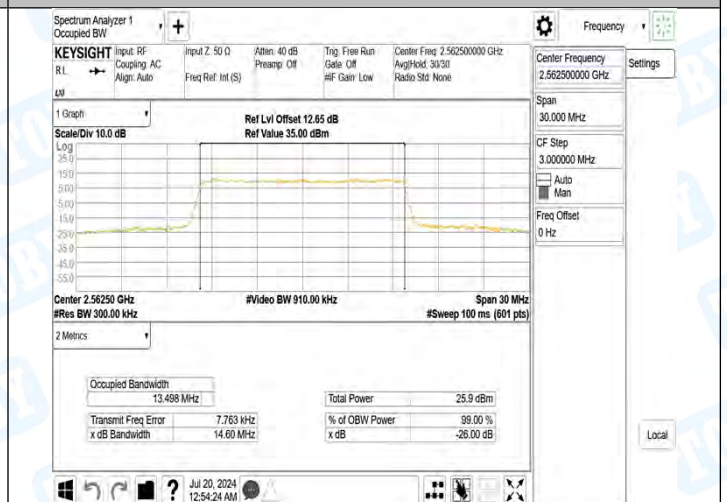
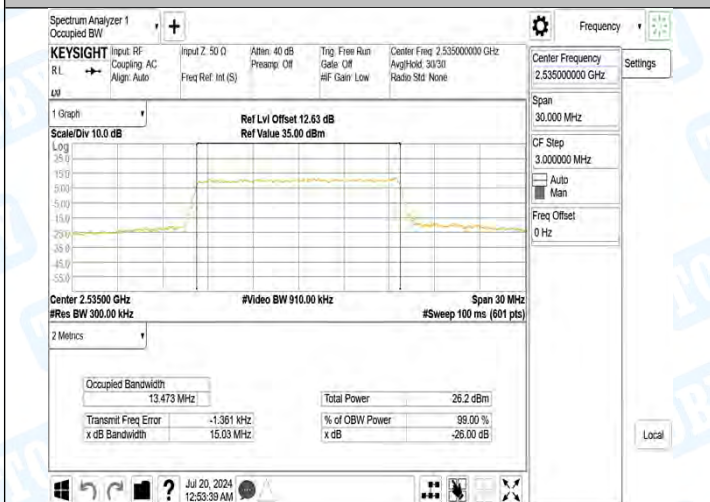
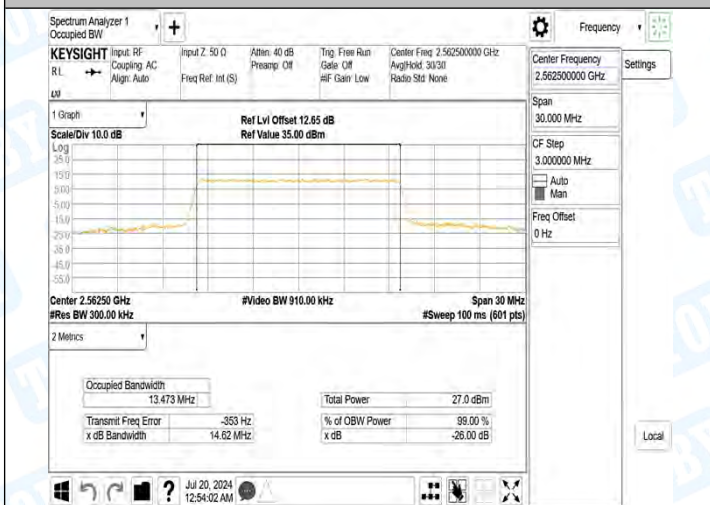
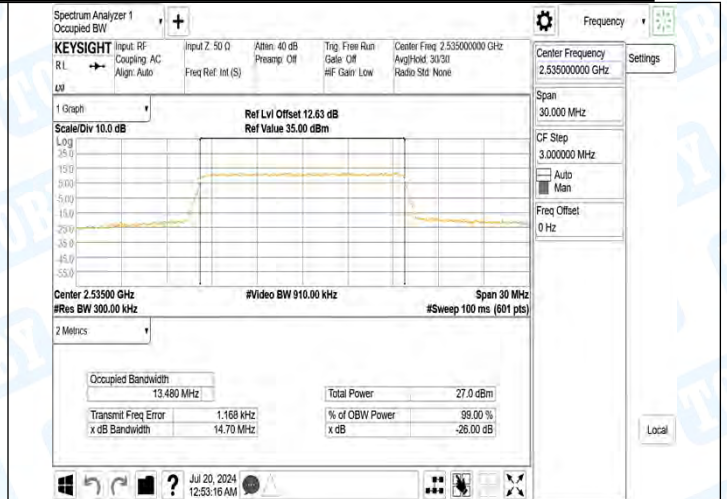
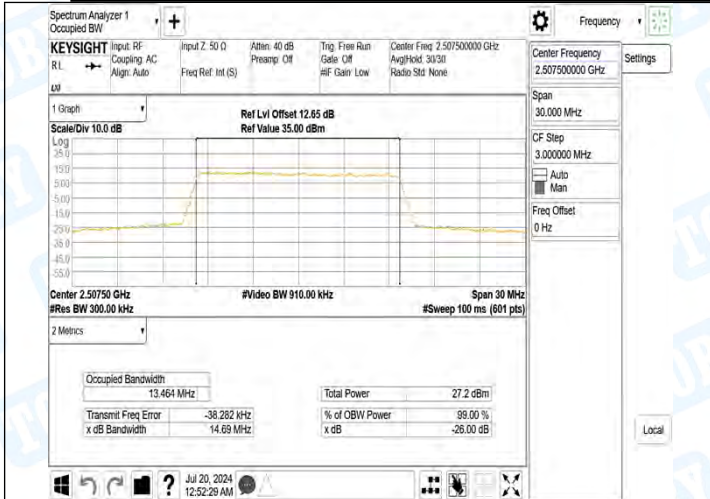
Band7-10MHz-16QAM-21100-50RB#0-PASS

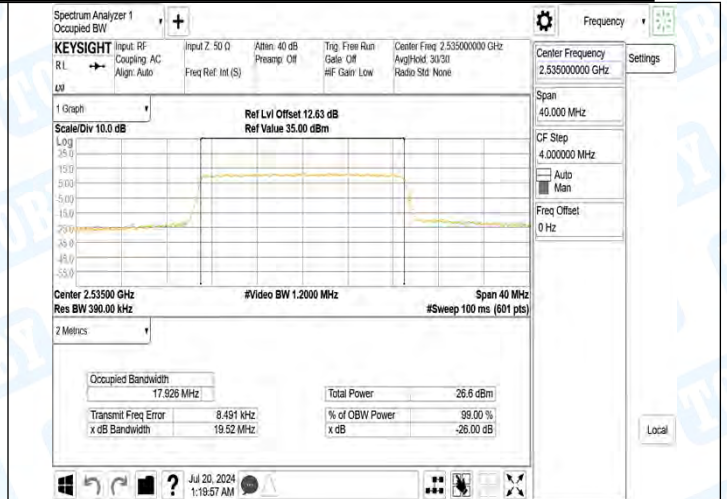
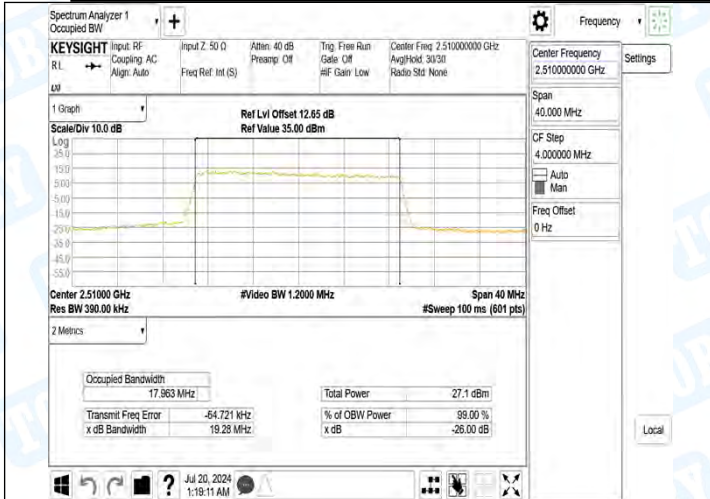
Band7-10MHz-16QAM-21400-50RB#0-PASS



Band7-15MHz-QPSK-20825-75RB#0-PASS

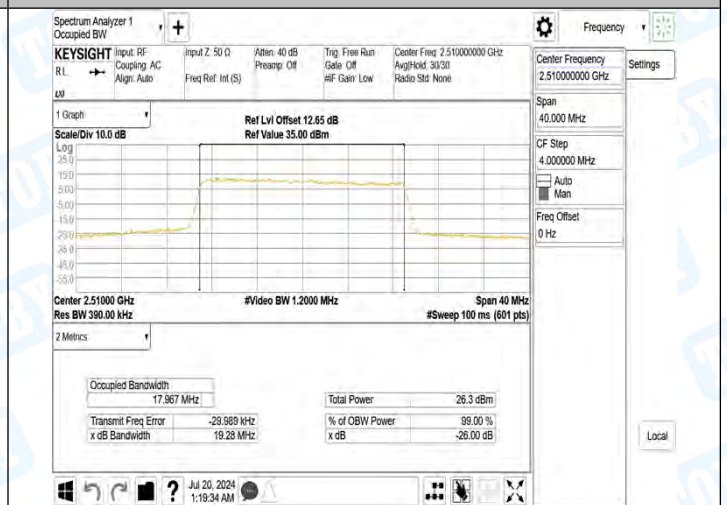
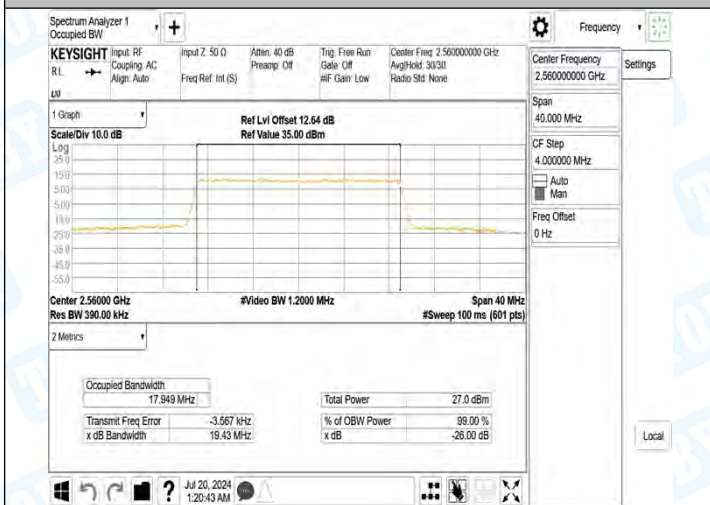
Band7-15MHz-QPSK-21100-75RB#0-PASS





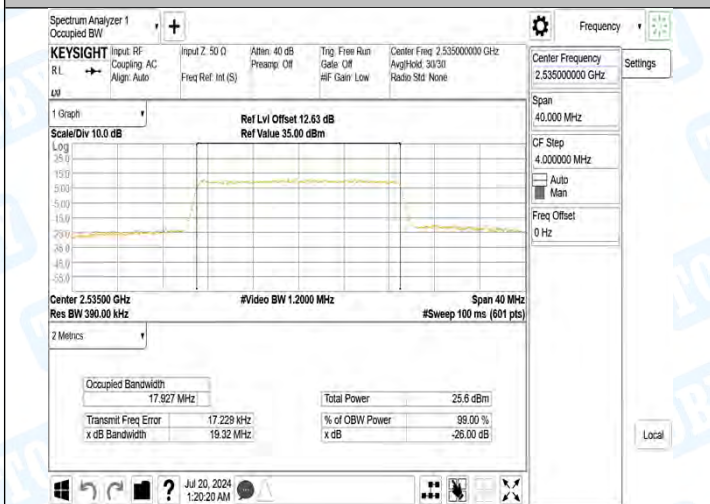
Band7-20MHz-QPSK-21350-100RB#0-PASS

Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-16QAM-21100-100RB#0-PASS

Band7-20MHz-16QAM-21350-100RB#0-PASS



4: Band Edge

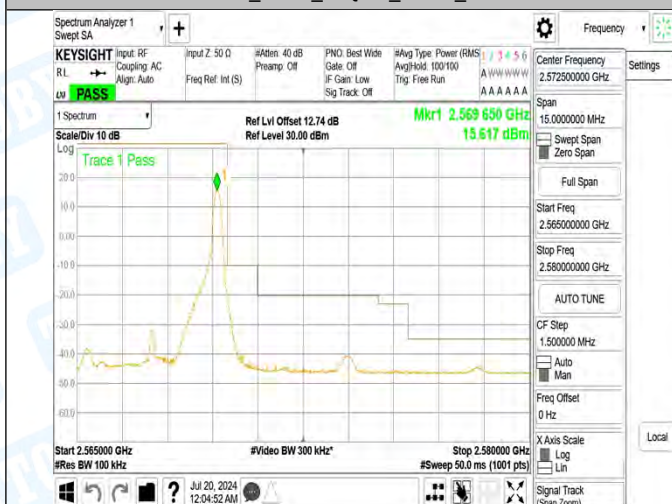
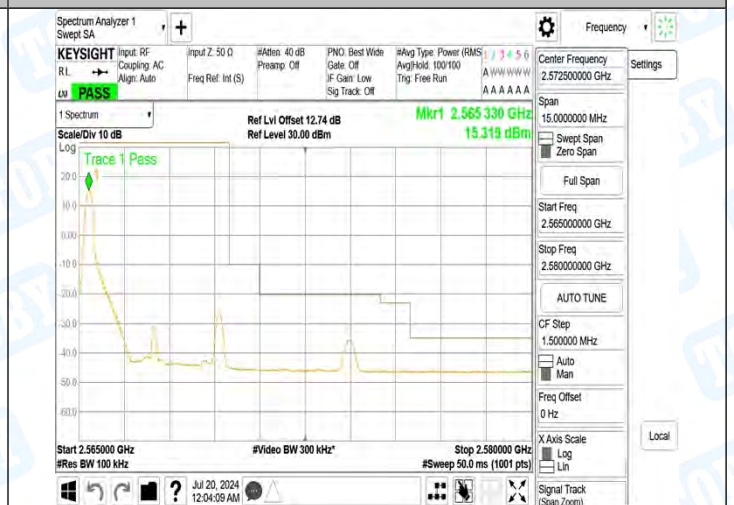
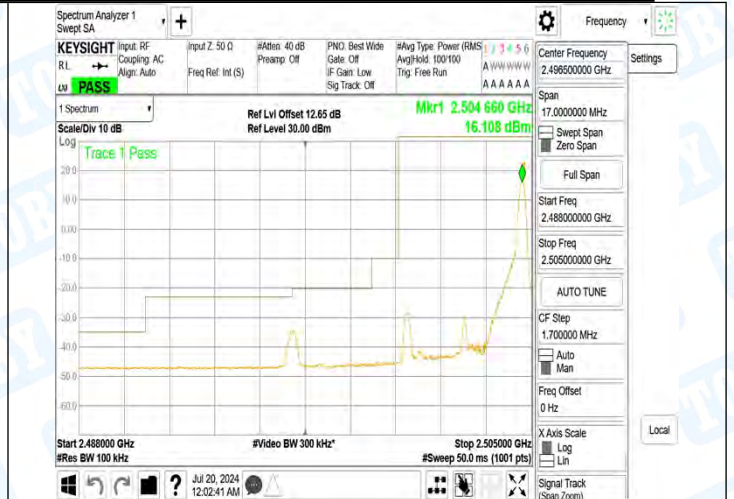
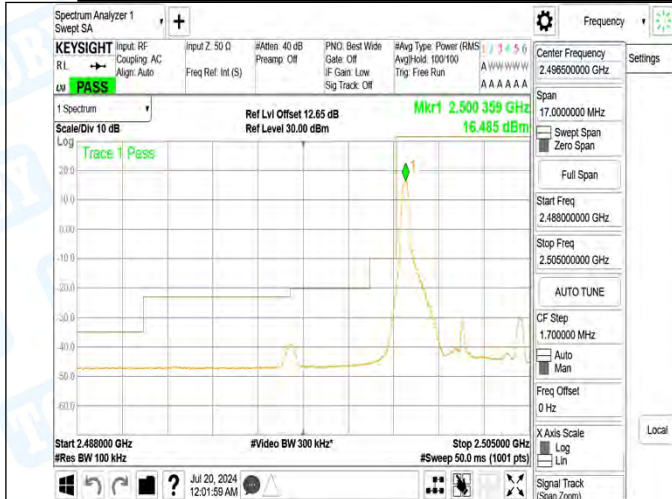
Test Result

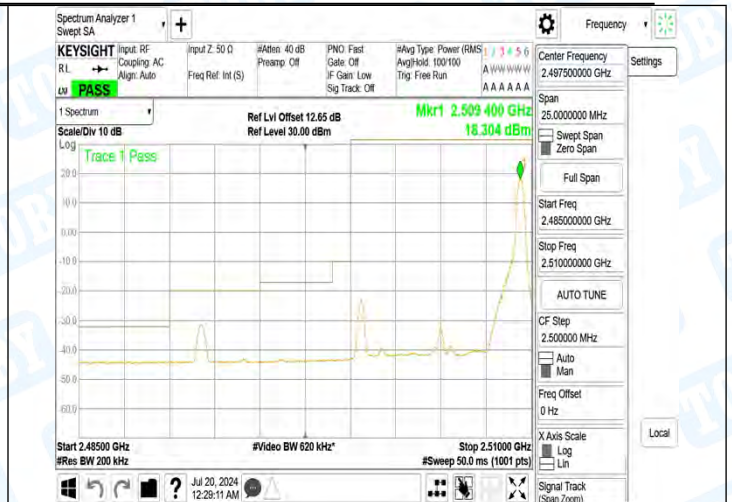
Band	Bandwidth	Modulation	Channel	RB Configuration	Level_dBm	Margin	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-19.97	9.97	PASS
Band7	5MHz	QPSK	20775	1RB#24	-33.82	10.82	PASS
Band7	5MHz	QPSK	20775	25RB#0	-30.75	10.75	PASS
Band7	5MHz	QPSK	21425	1RB#0	-46.12	11.12	PASS
Band7	5MHz	QPSK	21425	1RB#24	-42.87	7.87	PASS
Band7	5MHz	QPSK	21425	25RB#0	-27.26	7.26	PASS
Band7	5MHz	16QAM	20775	1RB#0	-21.23	11.23	PASS
Band7	5MHz	16QAM	20775	1RB#24	-34.76	11.76	PASS
Band7	5MHz	16QAM	20775	25RB#0	-46.80	11.80	PASS
Band7	5MHz	16QAM	21425	1RB#0	-45.91	10.91	PASS
Band7	5MHz	16QAM	21425	1RB#24	-43.80	8.80	PASS
Band7	5MHz	16QAM	21425	25RB#0	-43.30	8.30	PASS
Band7	10MHz	QPSK	20800	1RB#0	-21.58	11.58	PASS
Band7	10MHz	QPSK	20800	1RB#49	-31.33	11.33	PASS
Band7	10MHz	QPSK	20800	50RB#0	-43.36	11.36	PASS
Band7	10MHz	QPSK	21400	1RB#0	-31.04	11.04	PASS
Band7	10MHz	QPSK	21400	1RB#49	-43.32	11.32	PASS
Band7	10MHz	QPSK	21400	50RB#0	-40.18	8.18	PASS
Band7	10MHz	16QAM	20800	1RB#0	-43.99	11.99	PASS
Band7	10MHz	16QAM	20800	1RB#49	-44.14	12.14	PASS
Band7	10MHz	16QAM	20800	50RB#0	-43.31	11.31	PASS
Band7	10MHz	16QAM	21400	1RB#0	-43.34	11.34	PASS
Band7	10MHz	16QAM	21400	1RB#49	-43.06	11.06	PASS
Band7	10MHz	16QAM	21400	50RB#0	-40.60	8.60	PASS
Band7	15MHz	QPSK	20825	1RB#0	-42.39	12.19	PASS
Band7	15MHz	QPSK	20825	1RB#74	-29.71	11.51	PASS
Band7	15MHz	QPSK	20825	75RB#0	-41.51	11.31	PASS
Band7	15MHz	QPSK	21375	1RB#0	-41.65	11.45	PASS
Band7	15MHz	QPSK	21375	1RB#74	-41.57	11.37	PASS
Band7	15MHz	QPSK	21375	75RB#0	-38.65	8.45	PASS
Band7	15MHz	16QAM	20825	1RB#0	-42.26	12.06	PASS
Band7	15MHz	16QAM	20825	1RB#74	-42.36	12.16	PASS
Band7	15MHz	16QAM	20825	75RB#0	-41.73	11.53	PASS
Band7	15MHz	16QAM	21375	1RB#0	-41.60	11.40	PASS
Band7	15MHz	16QAM	21375	1RB#74	-41.61	11.41	PASS
Band7	15MHz	16QAM	21375	75RB#0	-39.35	9.15	PASS
Band7	20MHz	QPSK	20850	1RB#0	-41.21	12.11	PASS
Band7	20MHz	QPSK	20850	1RB#99	-41.19	12.09	PASS
Band7	20MHz	QPSK	20850	100RB#0	-41.15	12.05	PASS

Band7	20MHz	QPSK	21350	1RB#0	-40.53	11.43	PASS
Band7	20MHz	QPSK	21350	1RB#99	-40.51	11.41	PASS
Band7	20MHz	QPSK	21350	100RB#0	-40.00	10.90	PASS
Band7	20MHz	16QAM	20850	1RB#0	-41.14	12.04	PASS
Band7	20MHz	16QAM	20850	1RB#99	-41.18	12.08	PASS
Band7	20MHz	16QAM	20850	100RB#0	-41.16	12.06	PASS
Band7	20MHz	16QAM	21350	1RB#0	-40.47	11.37	PASS
Band7	20MHz	16QAM	21350	1RB#99	-40.46	11.36	PASS
Band7	20MHz	16QAM	21350	100RB#0	-40.03	10.93	PASS

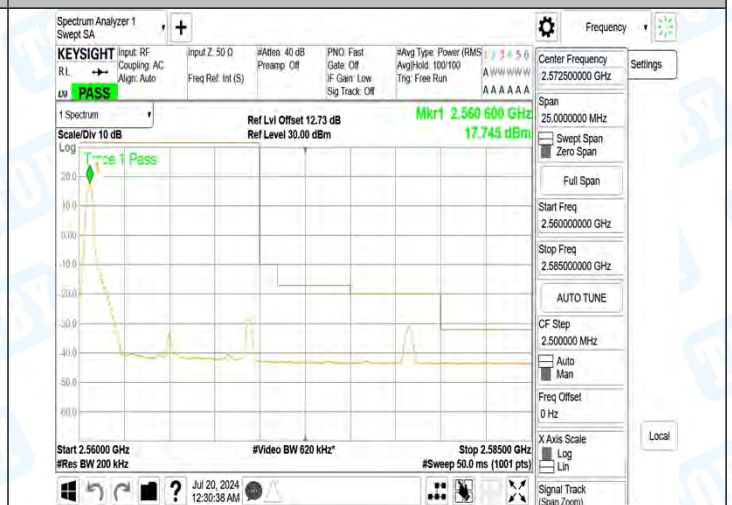
Test Graphs







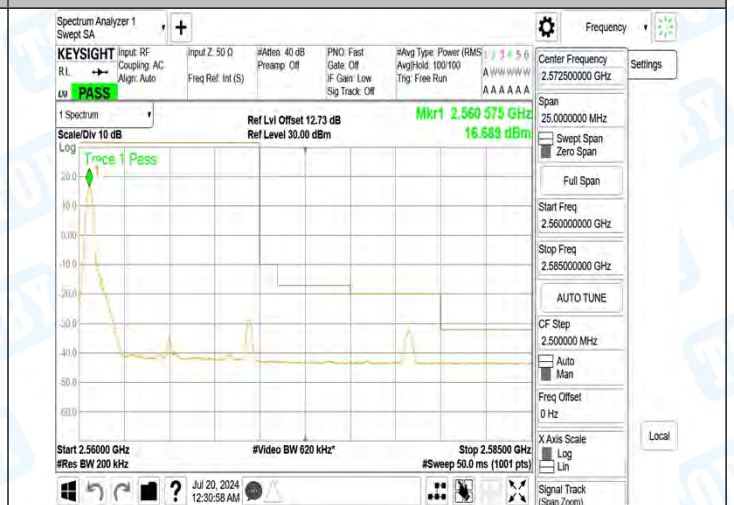
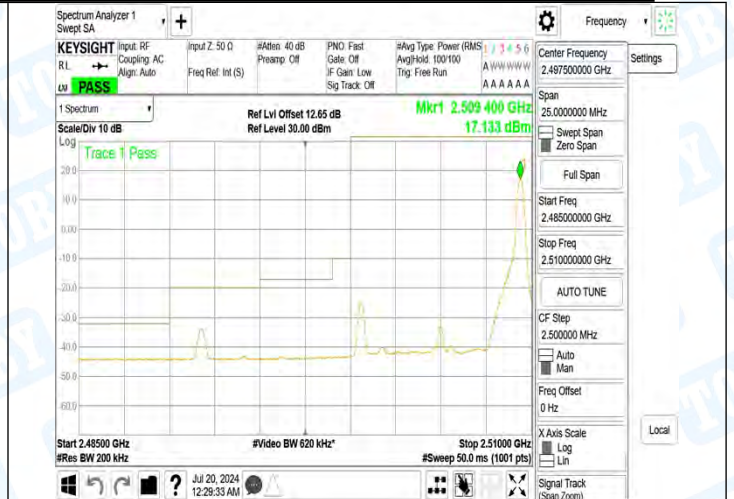
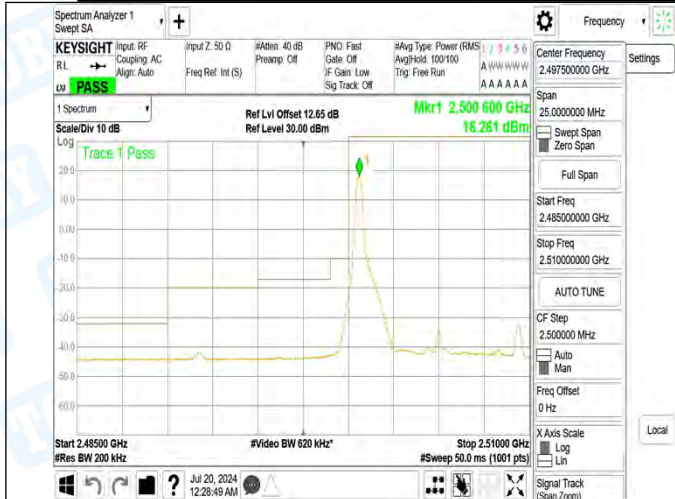
Band7_10MHz_QPSK_21400_1RB#0

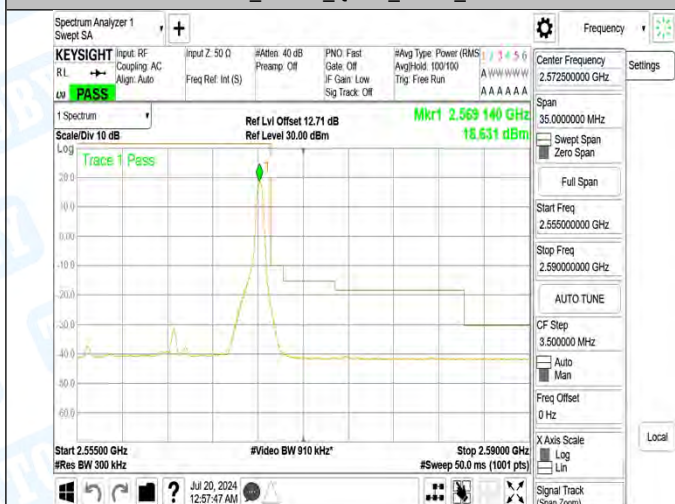
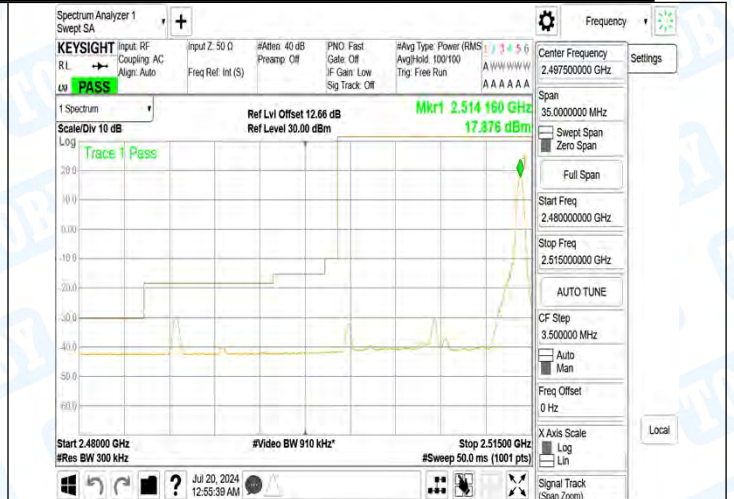
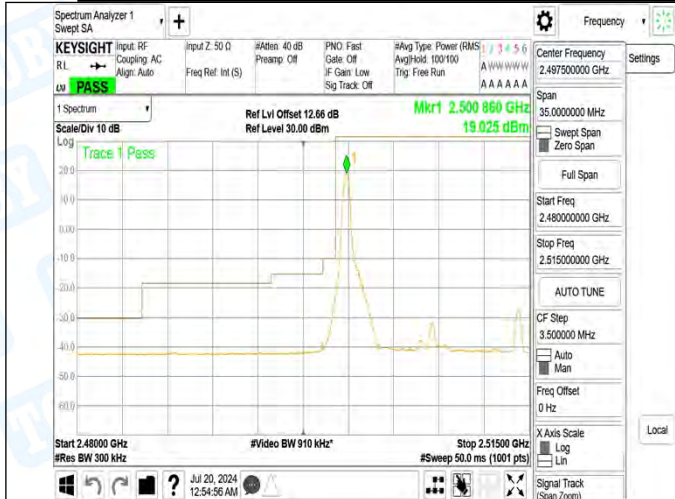


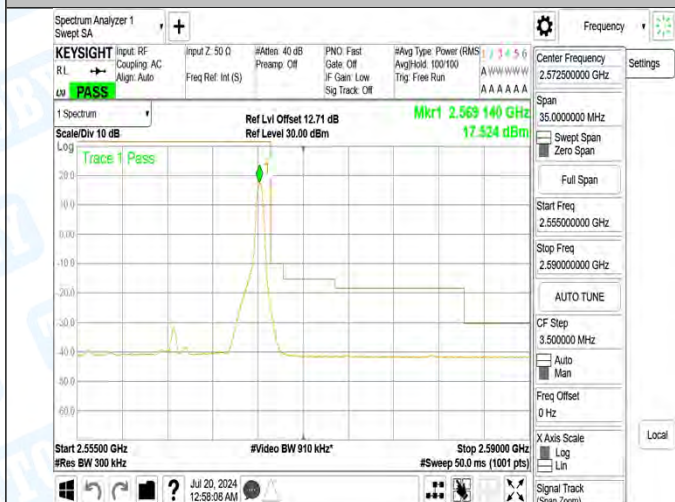
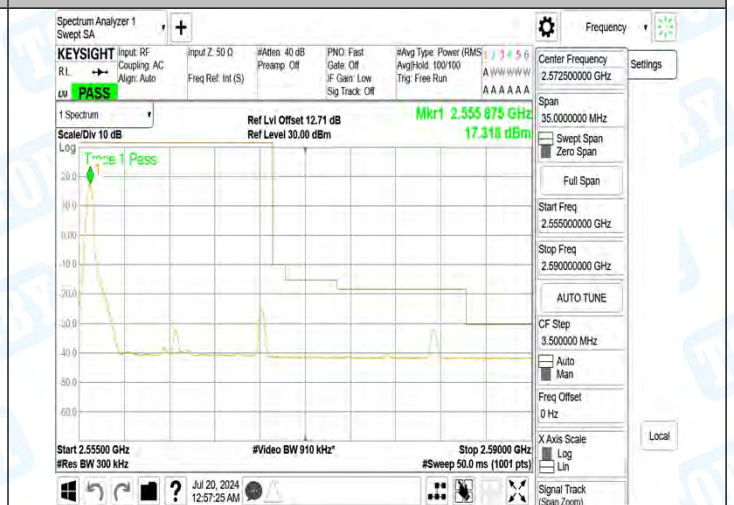
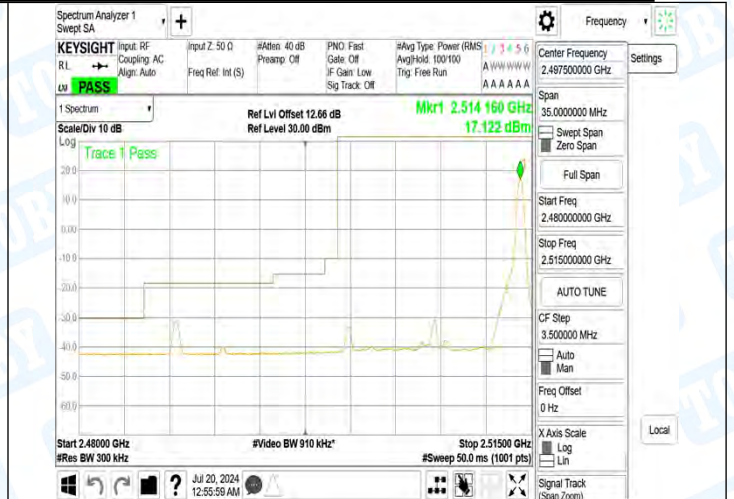
Band7_10MHz_QPSK_21400_50RB#0

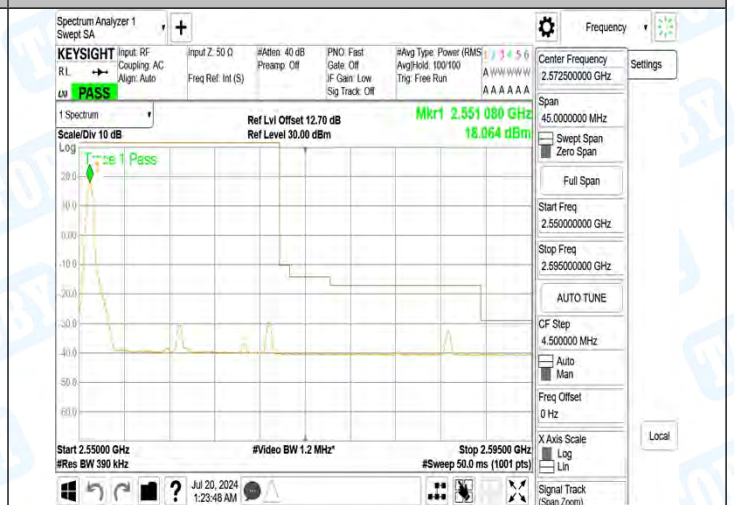
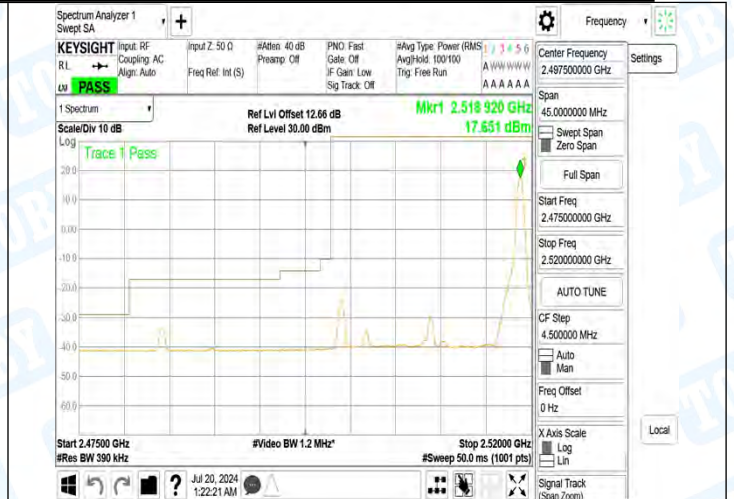


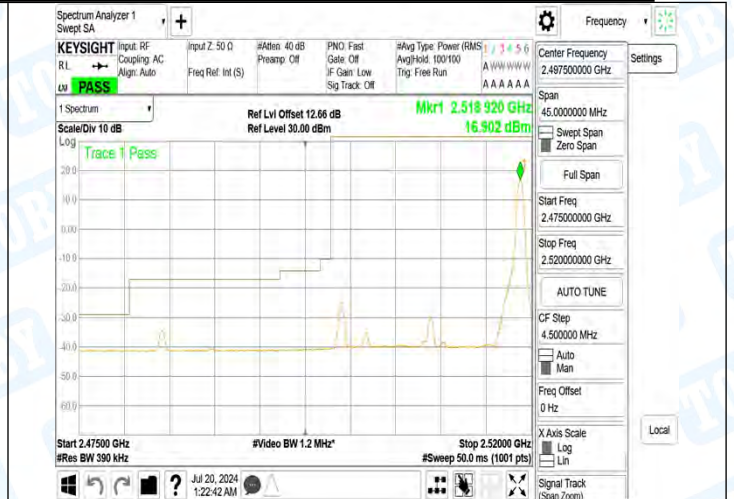
Band7 10MHz 16QAM 20800 1RB#49











Band7_20MHz_16QAM_20850_100RB#0

Band7_20MHz_16QAM_21350_1RB#0



Band7_20MHz_16QAM_21350_1RB#99

Band7_20MHz_16QAM_21350_100RB#0



5: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Frequency	Value(dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	0.08	-97.08	-55.0	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	0.15	-88.20	-45.0	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	121.67	-75.16	-35.0	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~20000	5000.93	-41.79	-25.0	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	24730.60	-35.60	-25.0	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	0.10	-97.00	-55.0	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	0.15	-87.87	-45.0	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	903.97	-73.29	-35.0	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~20000	18949.78	-42.41	-25.0	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	24749.50	-35.86	-25.0	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	0.01	-96.95	-55.0	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	0.15	-85.62	-45.0	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	746.83	-80.11	-35.0	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~20000	5130.13	-37.49	-25.0	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	24734.80	-36.07	-25.0	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	0.11	-96.99	-55.0	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	0.15	-86.09	-45.0	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	121.67	-76.03	-35.0	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~20000	18977.80	-42.51	-25.0	PASS
Band7	5MHz	16QAM	20775	1RB#0	20000~27000	24740.40	-35.99	-25.0	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	0.11	-97.54	-55.0	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	0.15	-86.47	-45.0	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	56.68	-76.56	-35.0	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~20000	18823.43	-41.94	-25.0	PASS
Band7	5MHz	16QAM	21100	1RB#0	20000~27000	24747.75	-35.78	-25.0	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	0.06	-96.97	-55.0	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	0.15	-85.86	-45.0	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	892.33	-80.31	-35.0	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~20000	5131.08	-36.77	-25.0	PASS
Band7	5MHz	16QAM	21425	1RB#0	20000~27000	24749.85	-35.81	-25.0	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	0.11	-96.80	-55.0	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	0.15	-86.55	-45.0	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	121.18	-75.01	-35.0	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~20000	18844.33	-42.53	-25.0	PASS
Band7	10MHz	QPSK	20800	1RB#0	20000~27000	24731.65	-35.63	-25.0	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	0.11	-96.73	-55.0	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	0.15	-86.71	-45.0	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	61.53	-76.66	-35.0	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~20000	18996.33	-42.44	-25.0	PASS

Band7	10MHz	QPSK	21100	1RB#0	20000~27000	24757.55	-35.86	-25.0	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	0.15	-95.12	-55.0	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	0.18	-88.53	-45.0	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	975.27	-80.08	-35.0	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~20000	5121.10	-35.01	-25.0	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	24764.20	-35.73	-25.0	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	0.11	-97.29	-55.0	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	0.15	-86.92	-45.0	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000	121.18	-75.00	-35.0	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~20000	18973.53	-42.21	-25.0	PASS
Band7	10MHz	16QAM	20800	1RB#0	20000~27000	24778.55	-35.93	-25.0	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	0.13	-96.70	-55.0	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	0.15	-85.75	-45.0	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	61.04	-78.57	-35.0	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~20000	18876.63	-42.00	-25.0	PASS
Band7	10MHz	16QAM	21100	1RB#0	20000~27000	24744.60	-35.77	-25.0	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.009~0.15	0.13	-95.22	-55.0	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	0.15	-86.70	-45.0	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	998.55	-80.23	-35.0	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~20000	5121.10	-36.19	-25.0	PASS
Band7	10MHz	16QAM	21400	1RB#0	20000~27000	24728.85	-35.78	-25.0	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.009~0.15	0.04	-97.88	-55.0	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.15~30	0.15	-86.38	-45.0	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	120.70	-74.85	-35.0	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~20000	18955.48	-42.07	-25.0	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	24742.85	-35.98	-25.0	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.009~0.15	0.14	-96.71	-55.0	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.15~30	0.15	-85.65	-45.0	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	65.89	-76.05	-35.0	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~20000	18813.93	-41.71	-25.0	PASS
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	24789.05	-36.02	-25.0	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.009~0.15	0.11	-96.88	-55.0	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.15~30	0.15	-87.06	-45.0	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	889.42	-79.86	-35.0	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~20000	5111.60	-35.15	-25.0	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	24688.95	-35.67	-25.0	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.009~0.15	0.14	-96.49	-55.0	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.15~30	0.15	-86.09	-45.0	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000	120.70	-75.62	-35.0	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~20000	18986.35	-42.59	-25.0	PASS
Band7	15MHz	16QAM	20825	1RB#0	20000~27000	24748.10	-35.82	-25.0	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.009~0.15	0.08	-97.21	-55.0	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.15~30	0.15	-88.06	-45.0	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000	903.97	-71.23	-35.0	PASS

Band7	15MHz	16QAM	21100	1RB#0	1000~20000	18971.63	-42.53	-25.0	PASS
Band7	15MHz	16QAM	21100	1RB#0	20000~27000	24758.95	-35.93	-25.0	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.009~0.15	0.14	-96.15	-55.0	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.15~30	0.15	-88.42	-45.0	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000	868.57	-80.24	-35.0	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~20000	5111.60	-36.51	-25.0	PASS
Band7	15MHz	16QAM	21375	1RB#0	20000~27000	24760.70	-35.67	-25.0	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.009~0.15	0.05	-97.29	-55.0	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.15~30	0.15	-86.99	-45.0	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	120.21	-75.22	-35.0	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~20000	18991.58	-42.10	-25.0	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	24705.40	-35.79	-25.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.009~0.15	0.10	-96.96	-55.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.15~30	0.15	-83.82	-45.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	70.26	-75.00	-35.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~20000	5052.23	-40.78	-25.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	24753.70	-35.86	-25.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.009~0.15	0.09	-96.48	-55.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.15~30	0.15	-87.75	-45.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	898.15	-79.95	-35.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~20000	5102.10	-36.50	-25.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	20000~27000	24707.85	-35.97	-25.0	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.009~0.15	0.05	-97.71	-55.0	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.15~30	0.15	-87.35	-45.0	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	120.21	-75.95	-35.0	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~20000	18922.23	-42.10	-25.0	PASS
Band7	20MHz	16QAM	20850	1RB#0	20000~27000	24693.50	-36.13	-25.0	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.009~0.15	0.14	-97.08	-55.0	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.15~30	0.15	-86.44	-45.0	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	70.26	-75.89	-35.0	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~20000	5051.75	-42.12	-25.0	PASS
Band7	20MHz	16QAM	21100	1RB#0	20000~27000	24738.30	-35.32	-25.0	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.009~0.15	0.08	-96.83	-55.0	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.15~30	0.18	-88.34	-45.0	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	931.62	-80.38	-35.0	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~20000	5102.10	-37.80	-25.0	PASS
Band7	20MHz	16QAM	21350	1RB#0	20000~27000	24755.45	-35.99	-25.0	PASS

Test Graphs



