

LTE Test Data

General Description of EUT	
Product Name:	2.5K 4G 24/7 Recording Pan & Tilt Camera
Test Model:	CM-PT2U
Sample ID:	HC-C-202409-0282-01-01#
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 5V
Test Engineer:	Zkn Zhou
Note: For a more detailed features description, please refer to the report TBR-C-202409-0282-11 The report only show the worst case data.	

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1: Conducted Output Power Data

Test Result

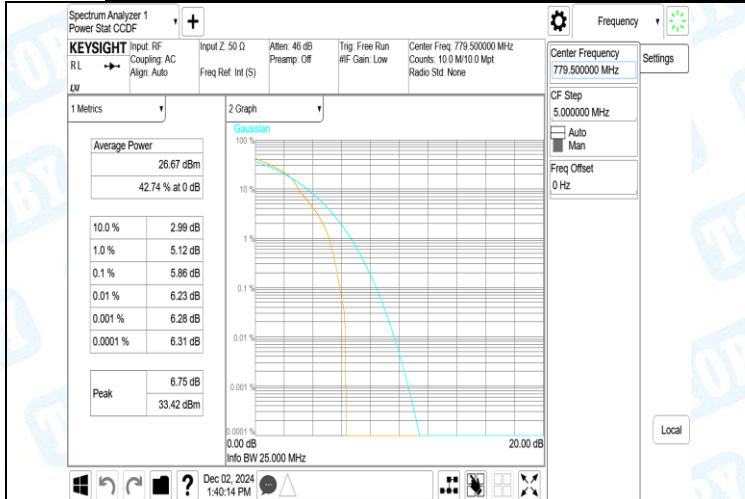
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	25.52	PASS
Band13	5MHz	QPSK	23205	1RB#12	25.14	PASS
Band13	5MHz	QPSK	23205	1RB#24	25.90	PASS
Band13	5MHz	QPSK	23205	12RB#0	24.09	PASS
Band13	5MHz	QPSK	23205	12RB#6	24.16	PASS
Band13	5MHz	QPSK	23205	12RB#13	24.47	PASS
Band13	5MHz	QPSK	23205	25RB#0	24.26	PASS
Band13	5MHz	QPSK	23230	1RB#0	24.21	PASS
Band13	5MHz	QPSK	23230	1RB#12	24.97	PASS
Band13	5MHz	QPSK	23230	1RB#24	25.13	PASS
Band13	5MHz	QPSK	23230	12RB#0	23.43	PASS
Band13	5MHz	QPSK	23230	12RB#6	23.40	PASS
Band13	5MHz	QPSK	23230	12RB#13	24.08	PASS
Band13	5MHz	QPSK	23230	25RB#0	23.76	PASS
Band13	5MHz	QPSK	23255	1RB#0	25.06	PASS
Band13	5MHz	QPSK	23255	1RB#12	24.90	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.94	PASS
Band13	5MHz	QPSK	23255	12RB#0	23.88	PASS
Band13	5MHz	QPSK	23255	12RB#6	23.90	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.83	PASS
Band13	5MHz	QPSK	23255	25RB#0	23.88	PASS
Band13	5MHz	16QAM	23205	1RB#0	24.71	PASS
Band13	5MHz	16QAM	23205	1RB#12	24.31	PASS
Band13	5MHz	16QAM	23205	1RB#24	25.07	PASS
Band13	5MHz	16QAM	23205	12RB#0	23.29	PASS
Band13	5MHz	16QAM	23205	12RB#6	23.34	PASS
Band13	5MHz	16QAM	23205	12RB#13	23.51	PASS
Band13	5MHz	16QAM	23205	25RB#0	23.19	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.10	PASS
Band13	5MHz	16QAM	23230	1RB#12	23.86	PASS
Band13	5MHz	16QAM	23230	1RB#24	24.16	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.36	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.33	PASS
Band13	5MHz	16QAM	23230	12RB#13	23.05	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.78	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.60	PASS
Band13	5MHz	16QAM	23255	1RB#12	23.66	PASS
Band13	5MHz	16QAM	23255	1RB#24	23.59	PASS
Band13	5MHz	16QAM	23255	12RB#0	23.05	PASS

Band13	5MHz	16QAM	23255	12RB#6	23.04	PASS
Band13	5MHz	16QAM	23255	12RB#13	23.00	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.91	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.97	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.71	PASS
Band13	10MHz	QPSK	23230	1RB#49	24.75	PASS
Band13	10MHz	QPSK	23230	25RB#0	23.07	PASS
Band13	10MHz	QPSK	23230	25RB#12	23.06	PASS
Band13	10MHz	QPSK	23230	25RB#25	23.93	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.33	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.29	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.93	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.99	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.11	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.12	PASS
Band13	10MHz	16QAM	23230	25RB#25	23.05	PASS

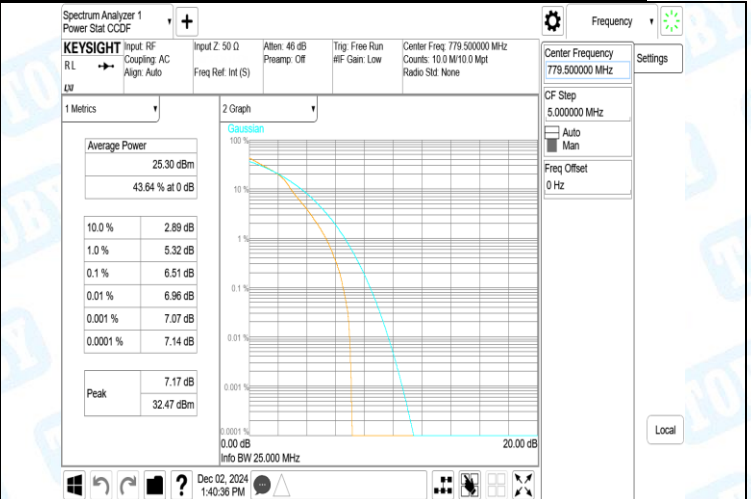
2: Peak-to-Average Ratio(CCDF)

Test Result

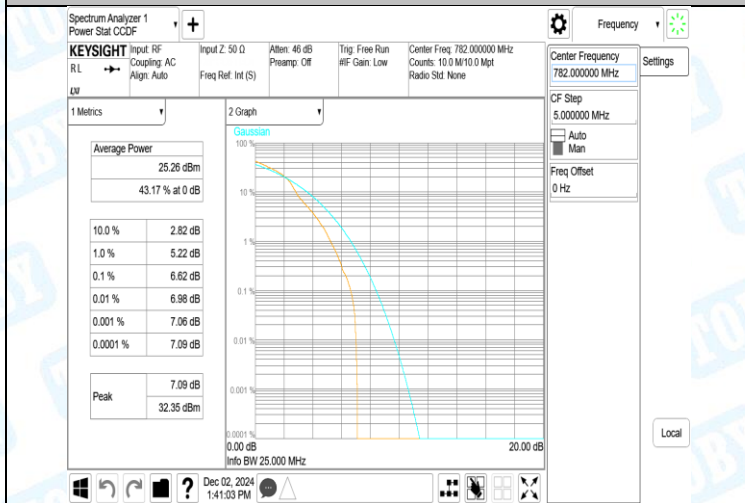
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	5.05	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.88	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	5.81	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.78	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.99	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.55	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.86	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.51	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	6.62	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.37	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	6.05	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.29	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	5.71	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.87	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	6.42	13	PASS
Band13	10MHz	16QAM	23230	27RB#0	6.57	13	PASS



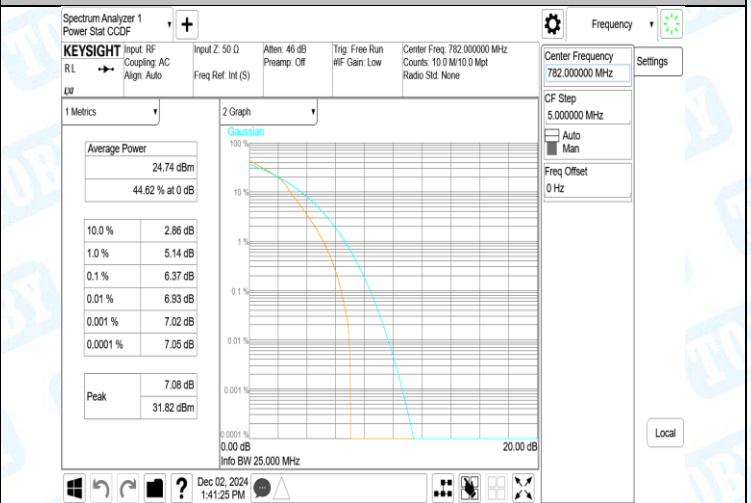
Band13-5MHz-16QAM-23230-1RB#0-PASS



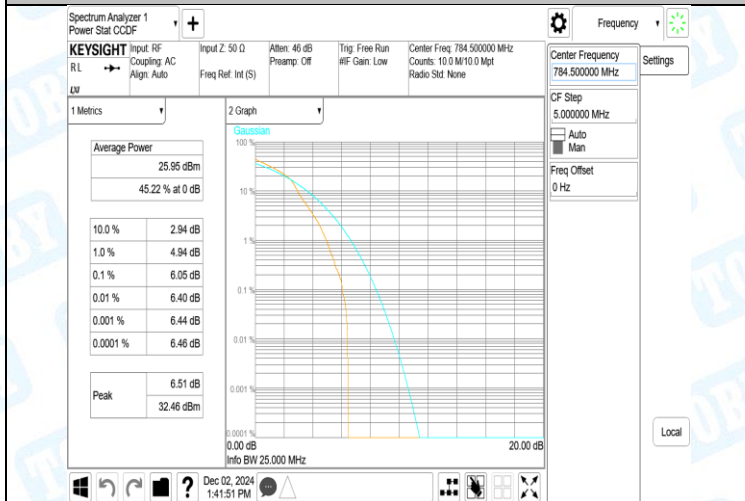
Band13-5MHz-16QAM-23230-25RB#0-PASS



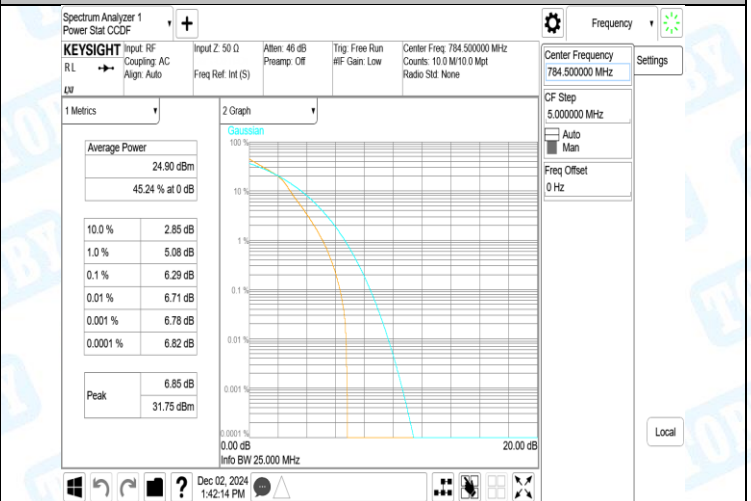
Band13-5MHz-16QAM-23255-1RB#0-PASS



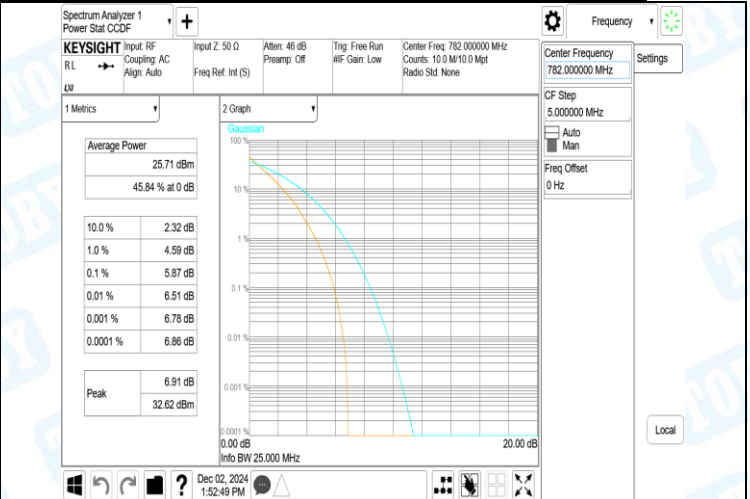
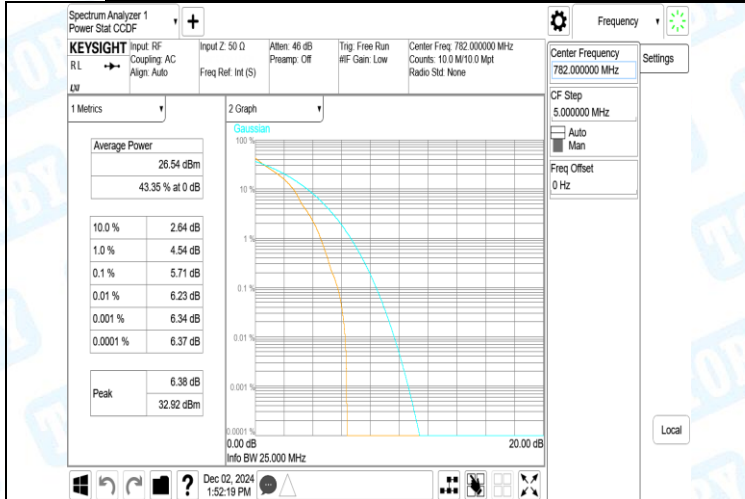
Band13-5MHz-16QAM-23255-25RB#0-PASS



Band13-10MHz-QPSK-23230-1RB#0-PASS

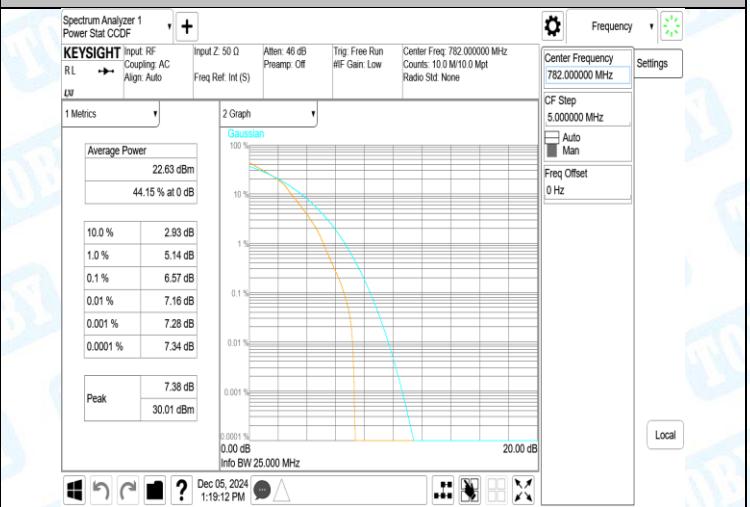
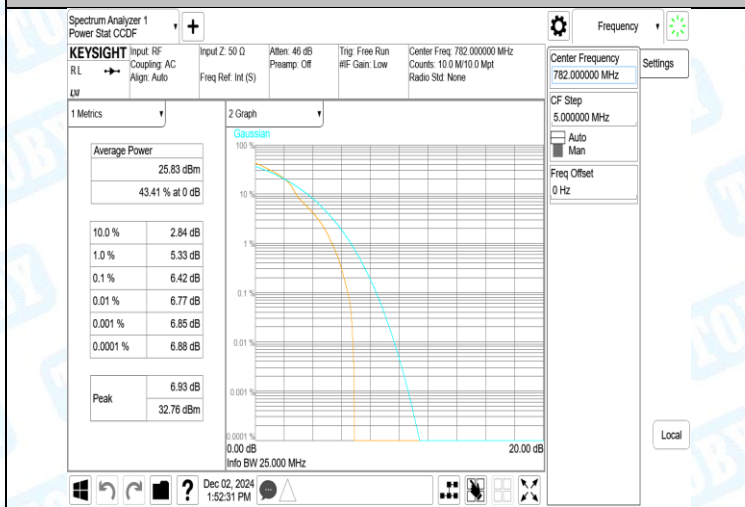


Band13-10MHz-QPSK-23230-50RB#0-PASS



Band13-10MHz-16QAM-23230-1RB#0-PASS

Band13-10MHz-16QAM-23230-27RB#0-PASS

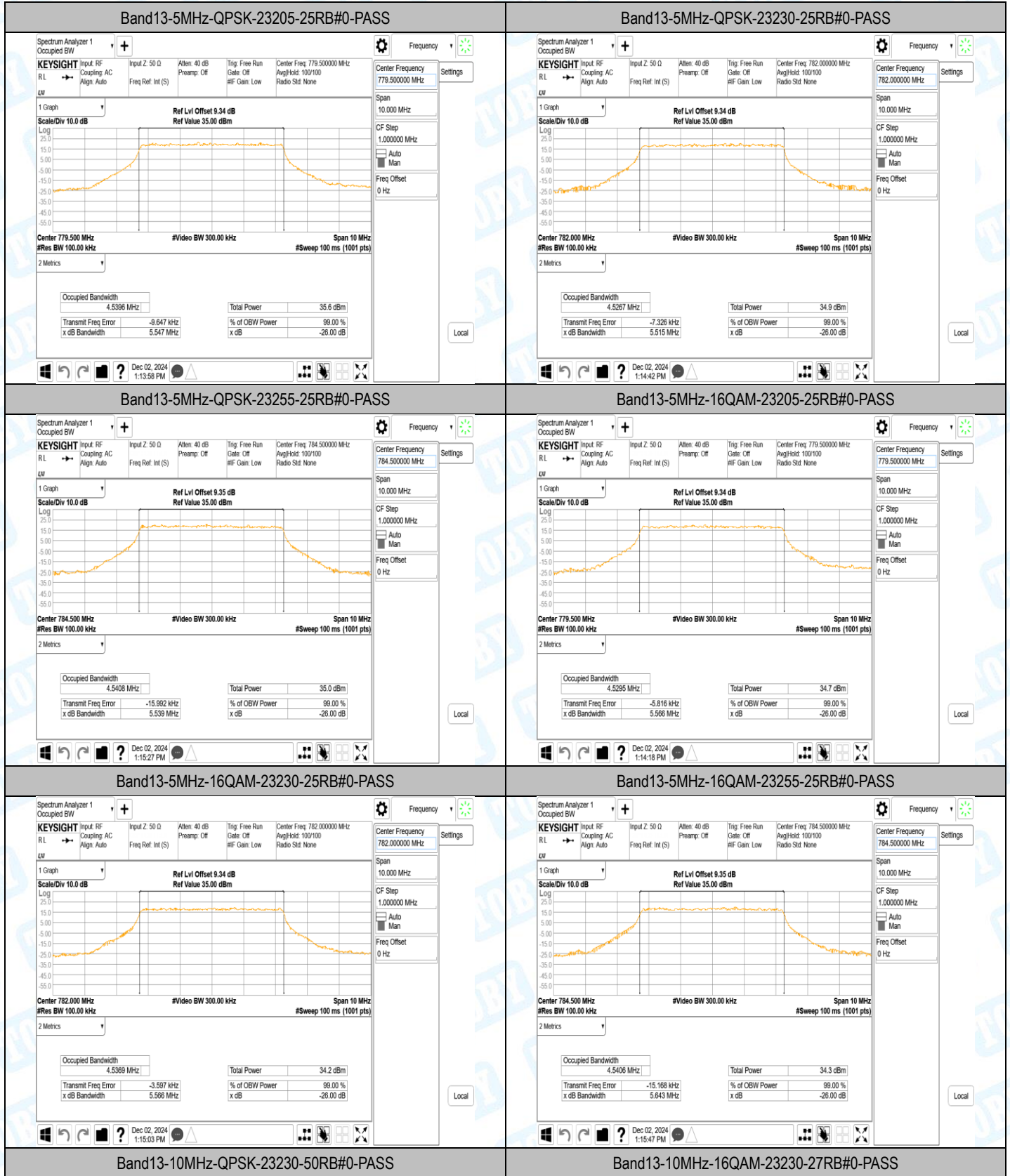


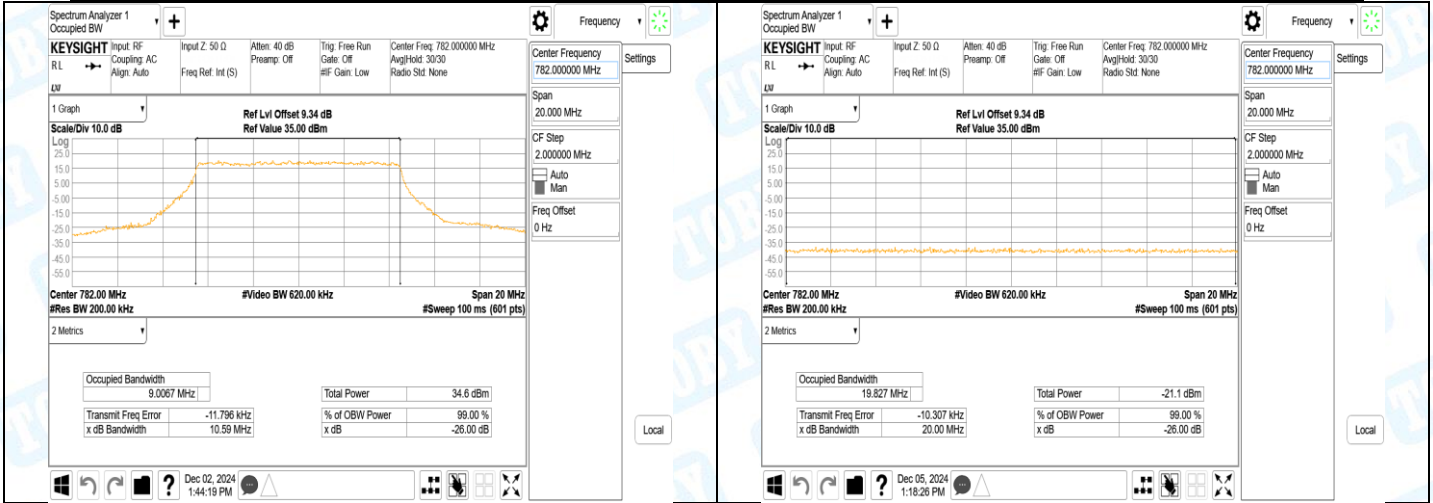
3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5396	5.547	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5267	5.515	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5408	5.539	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5295	5.566	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5369	5.566	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5406	5.643	PASS
Band13	10MHz	QPSK	23230	50RB#0	9.0067	10.59	PASS
Band13	10MHz	16QAM	23230	27RB#0	19.827	20.00	PASS

Test Graphs





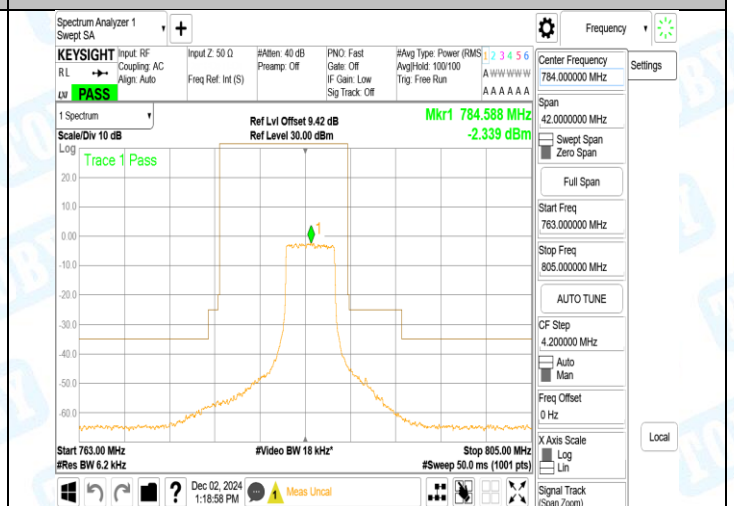
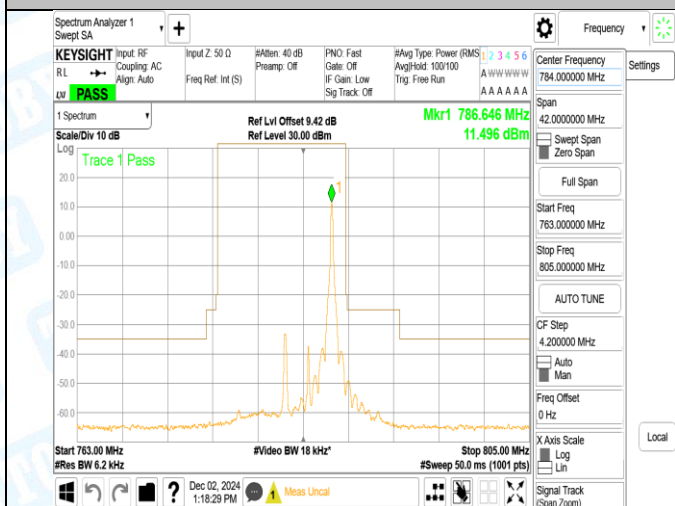
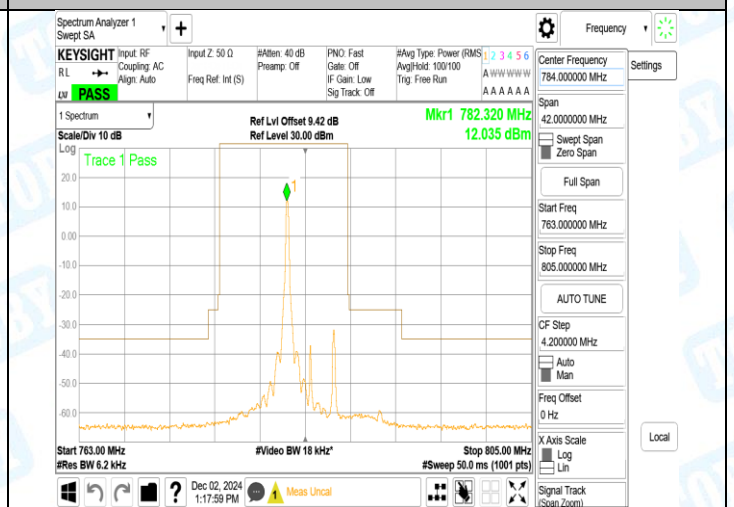
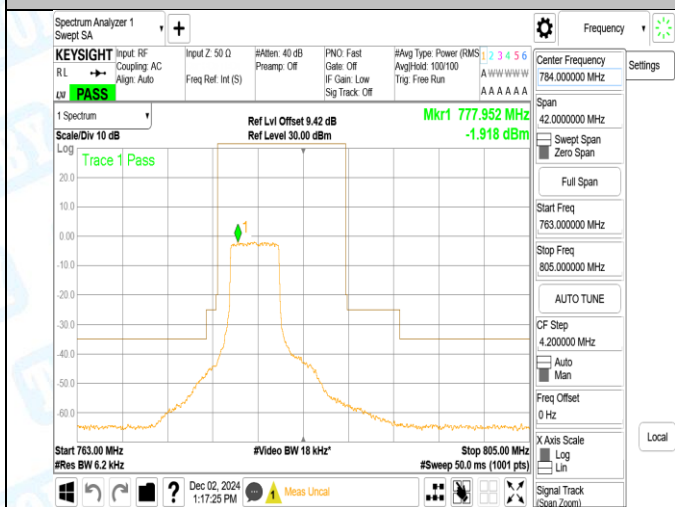
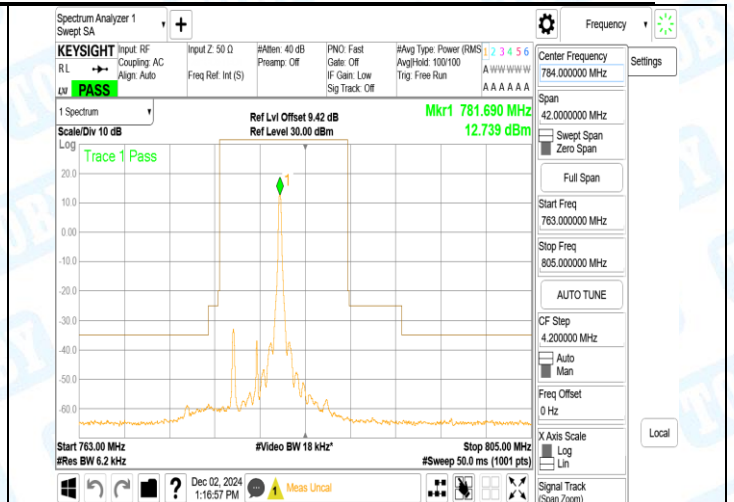
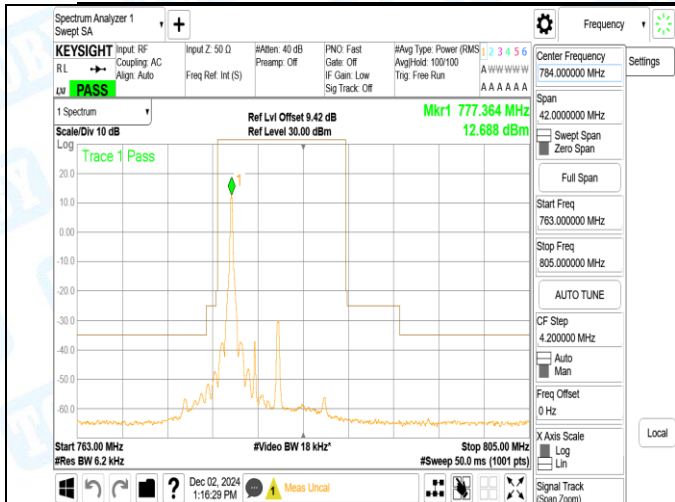
4: Band Edge

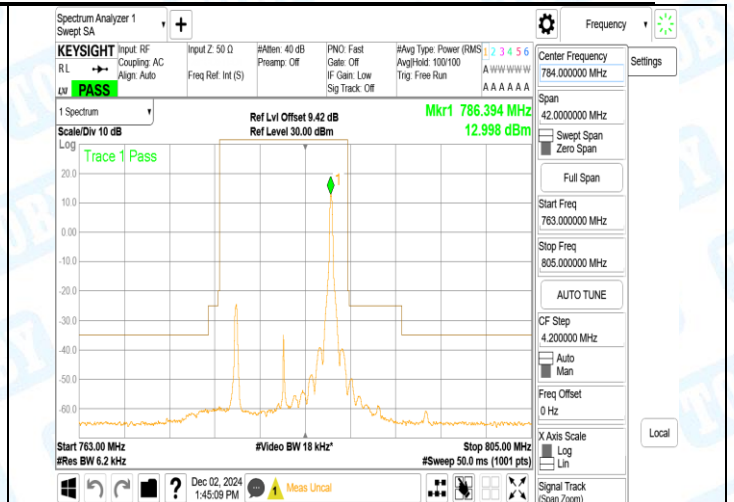
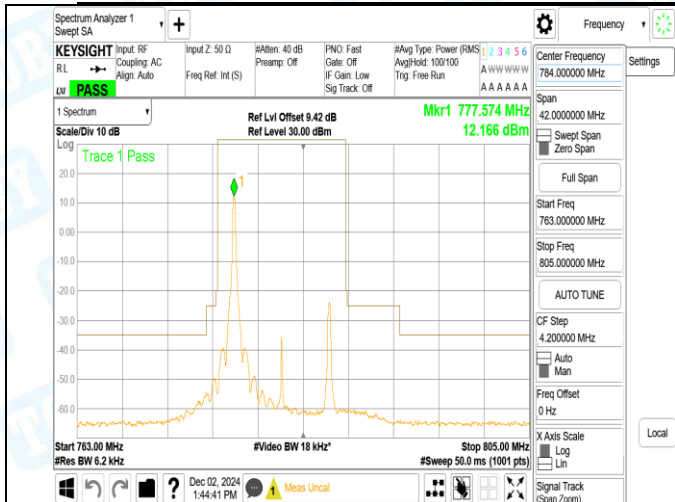
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Level_dBm	Margin	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-54.21	19.21	PASS
Band13	5MHz	QPSK	23205	1RB#24	-58.77	23.77	PASS
Band13	5MHz	QPSK	23205	25RB#0	-44.39	9.39	PASS
Band13	5MHz	QPSK	23255	1RB#0	-63.31	28.31	PASS
Band13	5MHz	QPSK	23255	1RB#24	-48.19	23.09	PASS
Band13	5MHz	QPSK	23255	25RB#0	-45.97	20.87	PASS
Band13	5MHz	16QAM	23205	1RB#0	-54.95	19.95	PASS
Band13	5MHz	16QAM	23205	1RB#24	-58.89	23.89	PASS
Band13	5MHz	16QAM	23205	25RB#0	-46.52	11.52	PASS
Band13	5MHz	16QAM	23255	1RB#0	-63.30	28.30	PASS
Band13	5MHz	16QAM	23255	1RB#24	-49.19	24.09	PASS
Band13	5MHz	16QAM	23255	25RB#0	-45.11	20.01	PASS
Band13	10MHz	QPSK	23230	1RB#0	-55.42	20.42	PASS
Band13	10MHz	QPSK	23230	1RB#49	-49.77	24.67	PASS
Band13	10MHz	QPSK	23230	50RB#0	-48.25	13.25	PASS
Band13	10MHz	16QAM	23230	1RB#0	-55.76	20.76	PASS
Band13	10MHz	16QAM	23230	1RB#49	-50.15	25.05	PASS

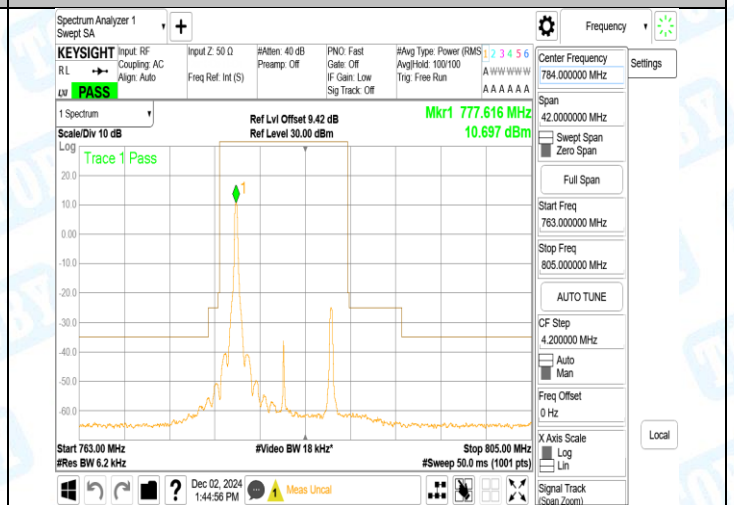
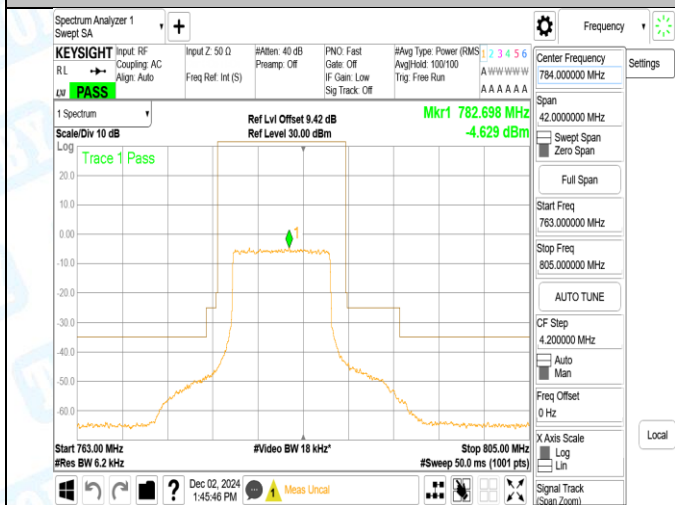
Test Graphs



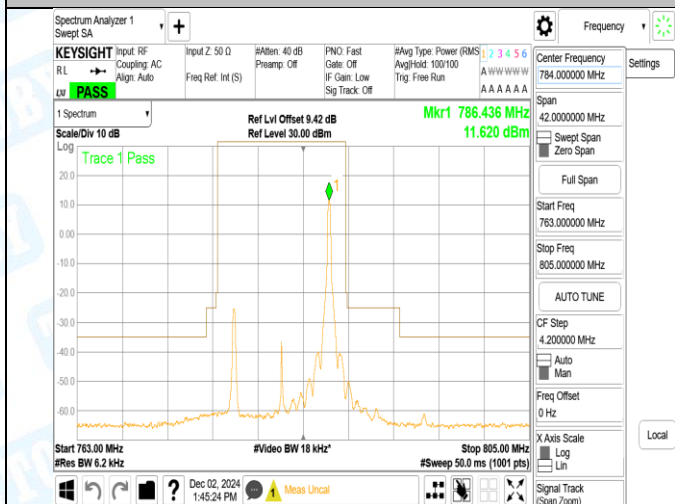




Band13_10MHz_QPSK_23230_50RB#0



Band13_10MHz_16QAM_23230_1RB#49



5: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Frequency	Value(dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	0.01	-48.41	-33.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	0.15	-71.46	-23.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	671.17	-58.92	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	2714.80	-42.48	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	6013.50	-36.47	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#24	0.009~0.15	0.01	-46.65	-33.0	PASS
Band13	5MHz	QPSK	23205	1RB#24	0.15~30	0.15	-73.55	-23.0	PASS
Band13	5MHz	QPSK	23205	1RB#24	30~1000	665.35	-58.50	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#24	1000~3000	2663.85	-42.81	-13.0	PASS
Band13	5MHz	QPSK	23205	1RB#24	3000~10000	6046.05	-36.58	-13.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	0.009~0.15	0.02	-60.92	-33.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	0.15~30	0.15	-72.59	-23.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	30~1000	792.42	-54.29	-13.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	1000~3000	2694.05	-42.43	-13.0	PASS
Band13	5MHz	QPSK	23205	25RB#0	3000~10000	3130.73	-36.21	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	0.01	-51.72	-33.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	0.15	-71.32	-23.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	667.78	-59.93	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	2675.15	-42.62	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	5968.70	-36.24	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#24	0.009~0.15	0.01	-47.81	-33.0	PASS
Band13	5MHz	QPSK	23230	1RB#24	0.15~30	0.15	-73.16	-23.0	PASS
Band13	5MHz	QPSK	23230	1RB#24	30~1000	661.96	-59.16	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#24	1000~3000	2682.05	-42.34	-13.0	PASS
Band13	5MHz	QPSK	23230	1RB#24	3000~10000	3154.35	-35.92	-13.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.009~0.15	0.02	-59.47	-33.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	0.15~30	0.15	-70.88	-23.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	30~1000	795.33	-59.63	-13.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	1000~3000	2683.85	-42.55	-13.0	PASS
Band13	5MHz	QPSK	23230	25RB#0	3000~10000	3156.98	-36.65	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	0.01	-52.14	-33.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	0.15	-72.50	-23.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	664.38	-58.92	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	2672.50	-42.60	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	5927.05	-36.54	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#24	0.009~0.15	0.01	-51.04	-33.0	PASS
Band13	5MHz	QPSK	23255	1RB#24	0.15~30	0.15	-72.99	-23.0	PASS
Band13	5MHz	QPSK	23255	1RB#24	30~1000	771.57	-60.11	-13.0	PASS
Band13	5MHz	QPSK	23255	1RB#24	1000~3000	2677.90	-41.94	-13.0	PASS

Band13	5MHz	QPSK	23255	1RB#24	3000~10000	6038.18	-36.67	-13.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.009~0.15	0.02	-60.19	-33.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	0.15~30	0.15	-73.82	-23.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	30~1000	771.57	-55.66	-13.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	1000~3000	2699.35	-42.86	-13.0	PASS
Band13	5MHz	QPSK	23255	25RB#0	3000~10000	3178.50	-36.24	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	0.01	-43.90	-33.0	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	0.21	-74.57	-23.0	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	947.14	-60.25	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	2687.10	-42.61	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	3049.18	-36.14	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#24	0.009~0.15	0.01	-43.36	-33.0	PASS
Band13	5MHz	16QAM	23205	1RB#24	0.15~30	0.15	-72.79	-23.0	PASS
Band13	5MHz	16QAM	23205	1RB#24	30~1000	665.35	-59.74	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#24	1000~3000	2683.95	-42.41	-13.0	PASS
Band13	5MHz	16QAM	23205	1RB#24	3000~10000	3042.18	-36.10	-13.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.009~0.15	0.01	-58.62	-33.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	0.15~30	0.15	-73.50	-23.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	30~1000	792.42	-56.32	-13.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	1000~3000	2680.20	-42.59	-13.0	PASS
Band13	5MHz	16QAM	23205	25RB#0	3000~10000	6031.35	-35.99	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	0.01	-45.76	-33.0	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	0.15	-72.84	-23.0	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	895.24	-60.27	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	2673.10	-42.76	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	5989.53	-36.57	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#24	0.009~0.15	0.01	-45.30	-33.0	PASS
Band13	5MHz	16QAM	23230	1RB#24	0.15~30	0.18	-71.91	-23.0	PASS
Band13	5MHz	16QAM	23230	1RB#24	30~1000	661.96	-58.87	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#24	1000~3000	2677.45	-42.69	-13.0	PASS
Band13	5MHz	16QAM	23230	1RB#24	3000~10000	3144.55	-36.45	-13.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.009~0.15	0.01	-58.13	-33.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	0.15~30	0.15	-71.83	-23.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	30~1000	795.33	-59.88	-13.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	1000~3000	2659.95	-42.57	-13.0	PASS
Band13	5MHz	16QAM	23230	25RB#0	3000~10000	3173.08	-36.40	-13.0	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	0.01	-43.81	-33.0	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	0.15	-73.58	-23.0	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	664.38	-59.41	-13.0	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	2692.60	-42.58	-13.0	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	3161.18	-36.29	-13.0	PASS
Band13	5MHz	16QAM	23255	1RB#24	0.009~0.15	0.01	-44.25	-33.0	PASS
Band13	5MHz	16QAM	23255	1RB#24	0.15~30	0.15	-73.25	-23.0	PASS
Band13	5MHz	16QAM	23255	1RB#24	30~1000	658.56	-60.25	-13.0	PASS

Band13	5MHz	16QAM	23255	1RB#24	1000~3000	2678.25	-42.32	-13.0	PASS
Band13	5MHz	16QAM	23255	1RB#24	3000~10000	6115.88	-36.51	-13.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.009~0.15	0.01	-58.61	-33.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	0.15~30	0.15	-72.61	-23.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	30~1000	771.57	-56.92	-13.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	1000~3000	2707.75	-42.92	-13.0	PASS
Band13	5MHz	16QAM	23255	25RB#0	3000~10000	3159.43	-36.52	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	0.01	-50.73	-33.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	0.15	-75.37	-23.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	896.21	-60.25	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	2678.60	-42.68	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	3162.23	-36.29	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#49	0.009~0.15	0.01	-51.82	-33.0	PASS
Band13	10MHz	QPSK	23230	1RB#49	0.15~30	0.15	-72.07	-23.0	PASS
Band13	10MHz	QPSK	23230	1RB#49	30~1000	659.05	-59.45	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#49	1000~3000	2686.65	-42.07	-13.0	PASS
Band13	10MHz	QPSK	23230	1RB#49	3000~10000	3283.68	-36.40	-13.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.009~0.15	0.05	-62.33	-33.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	0.15~30	0.15	-73.77	-23.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	30~1000	807.94	-60.44	-13.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	1000~3000	2687.60	-42.27	-13.0	PASS
Band13	10MHz	QPSK	23230	50RB#0	3000~10000	3042.35	-36.50	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	0.01	-45.91	-33.0	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	0.15	-74.28	-23.0	PASS
Band13	10MHz	16QAM	23230	1RB#0	30~1000	670.69	-59.59	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	2678.60	-42.51	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	6042.38	-36.42	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#49	0.009~0.15	0.01	-46.45	-33.0	PASS
Band13	10MHz	16QAM	23230	1RB#49	0.15~30	0.15	-71.96	-23.0	PASS
Band13	10MHz	16QAM	23230	1RB#49	30~1000	921.92	-60.38	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#49	1000~3000	2681.70	-42.07	-13.0	PASS
Band13	10MHz	16QAM	23230	1RB#49	3000~10000	5934.75	-36.43	-13.0	PASS

Test Graphs

