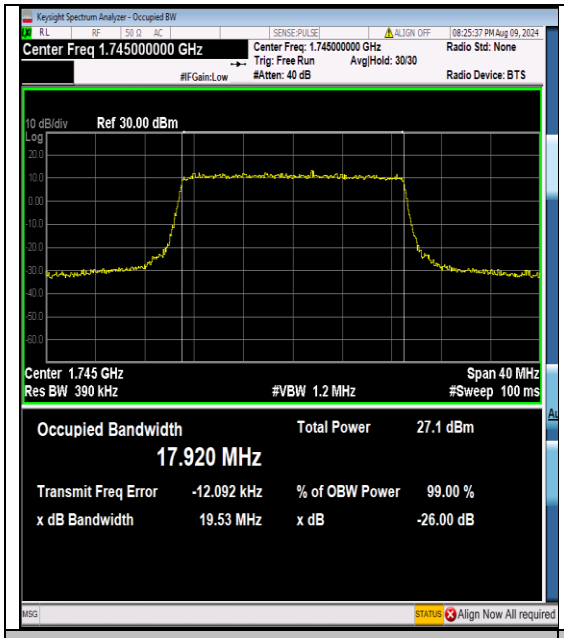
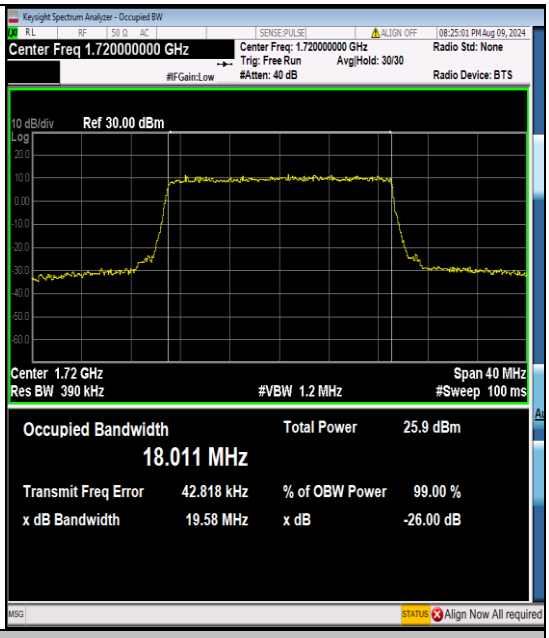
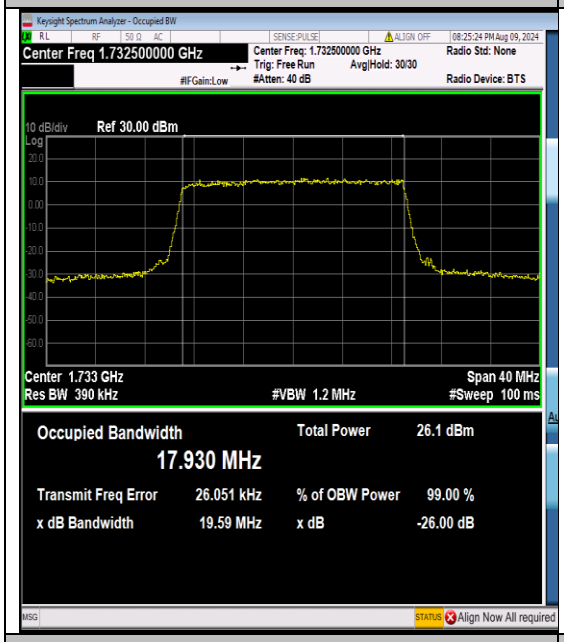


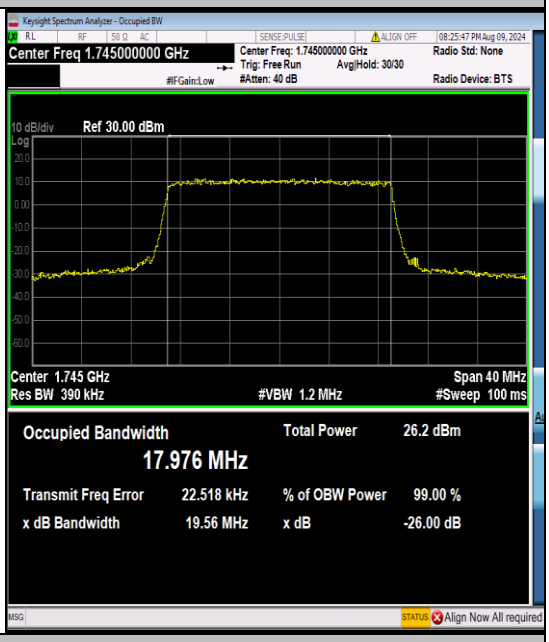
Band4-20MHz-QPSK-20300-100RB#0-PASS



Band4-20MHz-16QAM-20050-100RB#0-PASS



Band4-20MHz-16QAM-20175-100RB#0-PASS



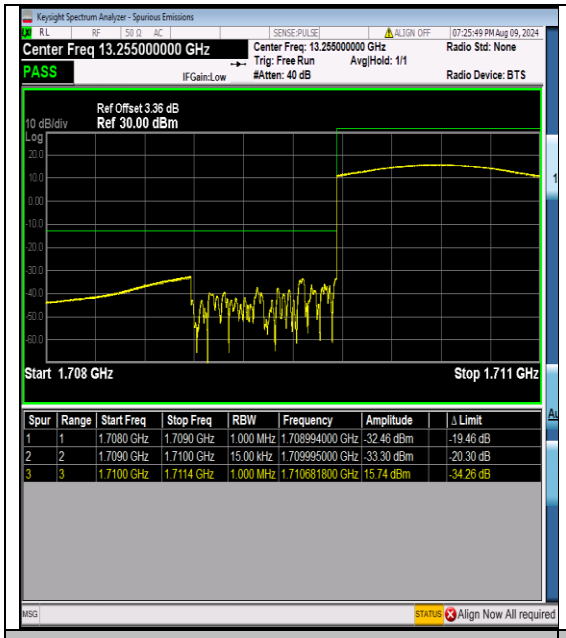
Band4-20MHz-16QAM-20300-100RB#0-PASS

Appendix D: Band Edge

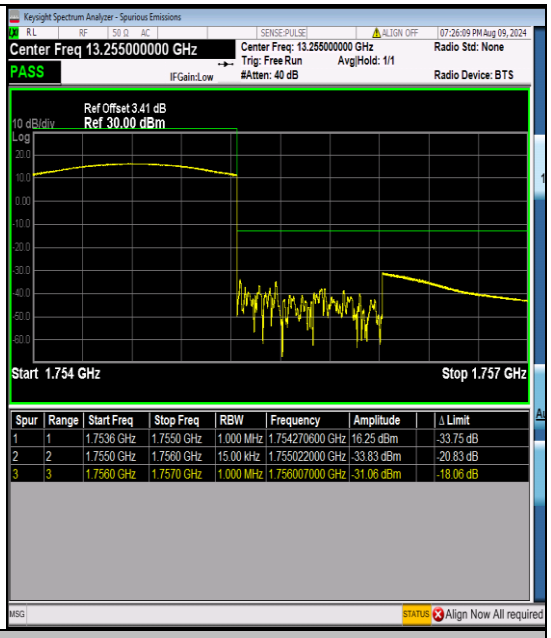
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-32.46	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-31.06	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-32.40	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-29.25	PASS
Band4	3MHz	QPSK	19965	15RB#0	-32.40	PASS
Band4	3MHz	QPSK	20385	15RB#0	-30.83	PASS
Band4	3MHz	16QAM	19965	15RB#0	-31.37	PASS
Band4	3MHz	16QAM	20385	15RB#0	-29.60	PASS
Band4	5MHz	QPSK	19975	25RB#0	-33.99	PASS
Band4	5MHz	QPSK	20375	25RB#0	-32.06	PASS
Band4	5MHz	16QAM	19975	25RB#0	-32.53	PASS
Band4	5MHz	16QAM	20375	25RB#0	-30.69	PASS
Band4	10MHz	QPSK	20000	50RB#0	-36.09	PASS
Band4	10MHz	QPSK	20350	50RB#0	-33.72	PASS
Band4	10MHz	16QAM	20000	50RB#0	-35.01	PASS
Band4	10MHz	16QAM	20350	50RB#0	-33.09	PASS
Band4	15MHz	QPSK	20025	75RB#0	-37.45	PASS
Band4	15MHz	QPSK	20325	75RB#0	-35.15	PASS
Band4	15MHz	16QAM	20025	75RB#0	-36.38	PASS
Band4	15MHz	16QAM	20325	75RB#0	-34.11	PASS
Band4	20MHz	QPSK	20050	100RB#0	-38.51	PASS
Band4	20MHz	QPSK	20300	100RB#0	-36.07	PASS
Band4	20MHz	16QAM	20050	100RB#0	-37.32	PASS
Band4	20MHz	16QAM	20300	100RB#0	-35.48	PASS

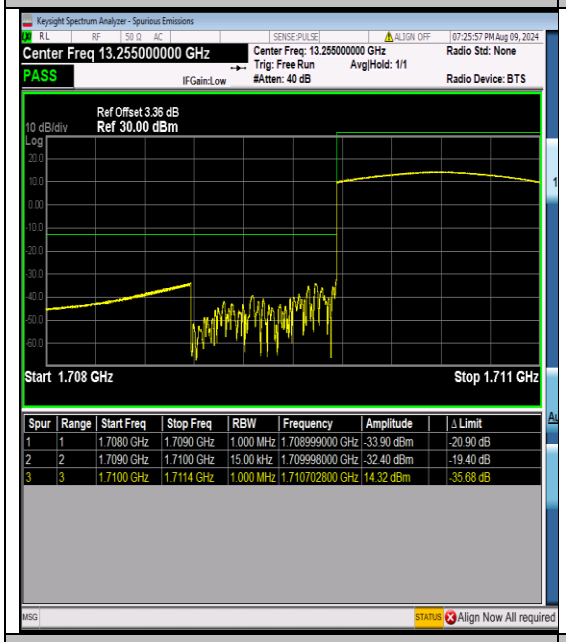
Test Graphs



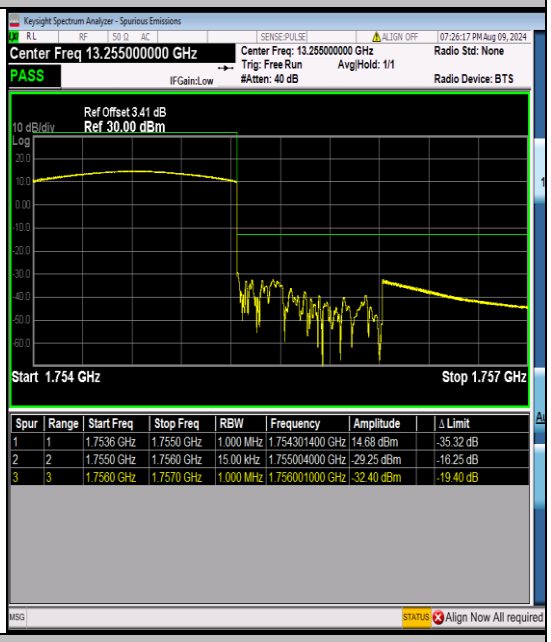
Band4_1.4MHz_QPSK_19957_6RB#0



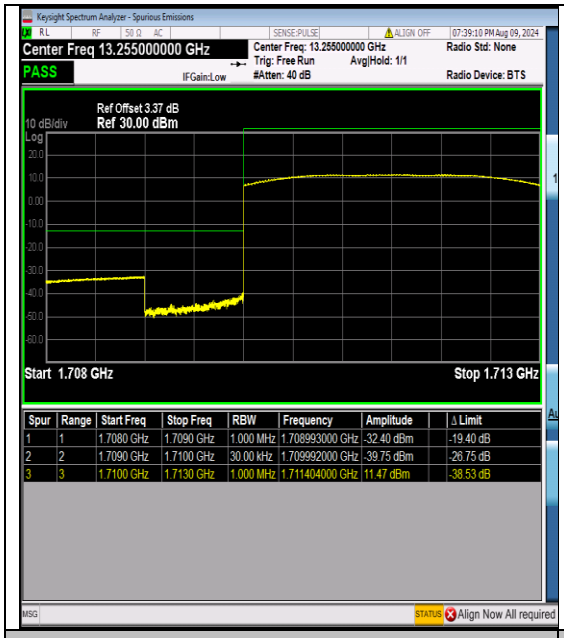
Band4_1.4MHz_QPSK_20393_6RB#0



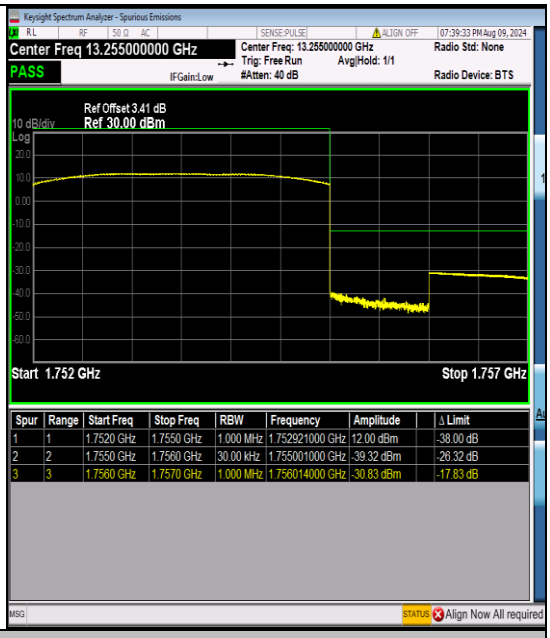
Band4_1.4MHz_16QAM_19957_6RB#0



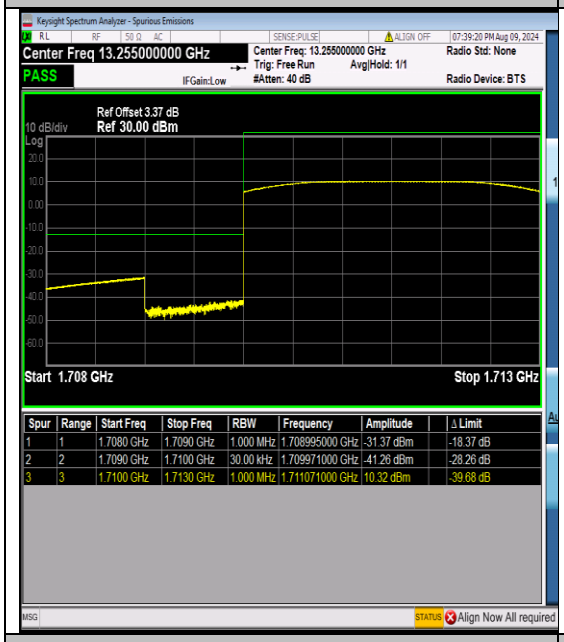
Band4_1.4MHz_16QAM_20393_6RB#0



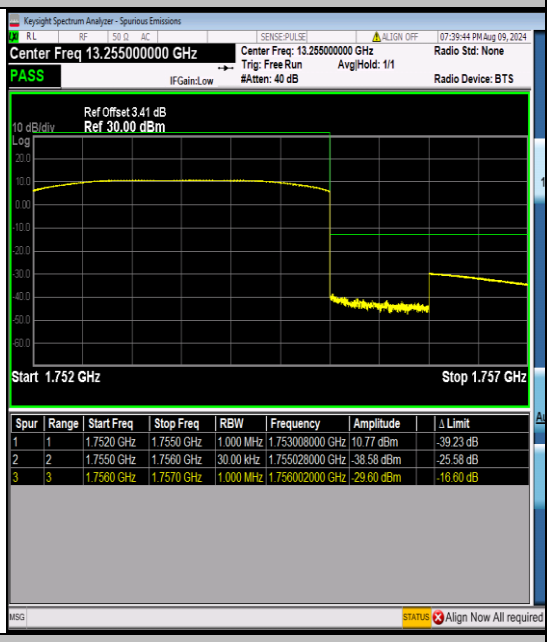
Band4_3MHz_QPSK_19965_15RB#0



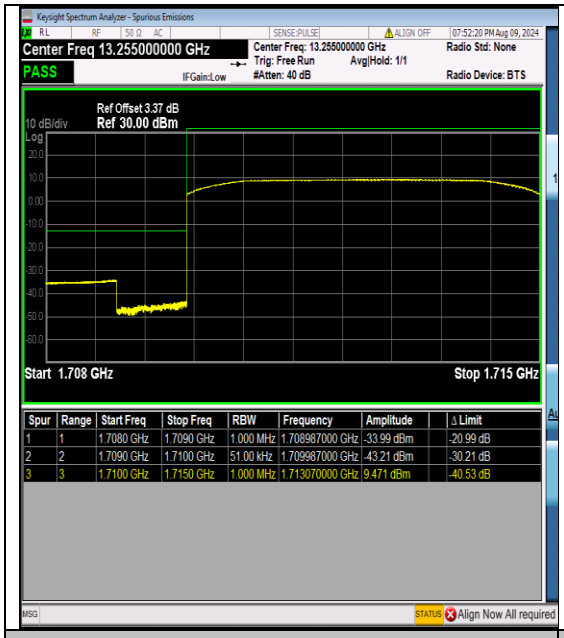
Band4_3MHz_QPSK_20385_15RB#0



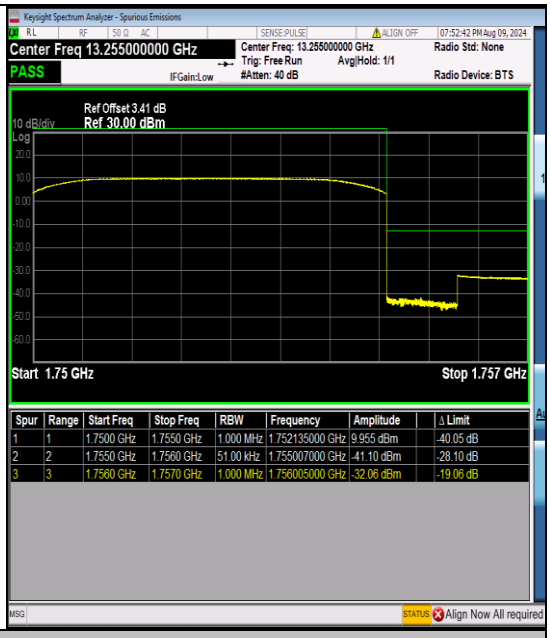
Band4_3MHz_16QAM_19965_15RB#0



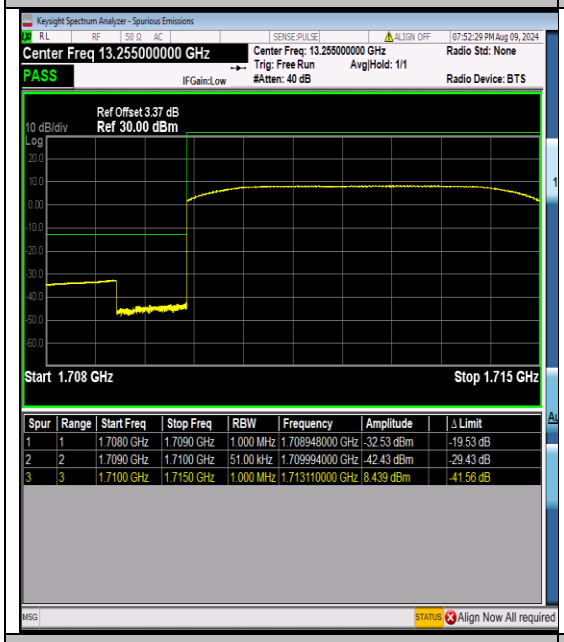
Band4_3MHz_16QAM_20385_15RB#0



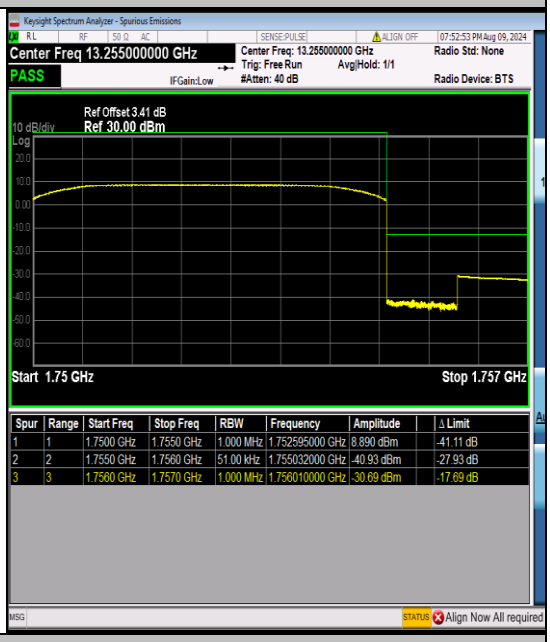
Band4_5MHz_QPSK_19975_25RB#0



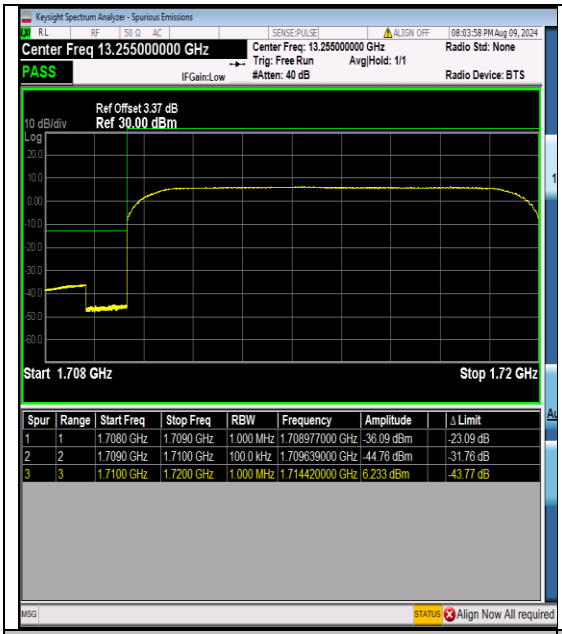
Band4_5MHz_QPSK_20375_25RB#0



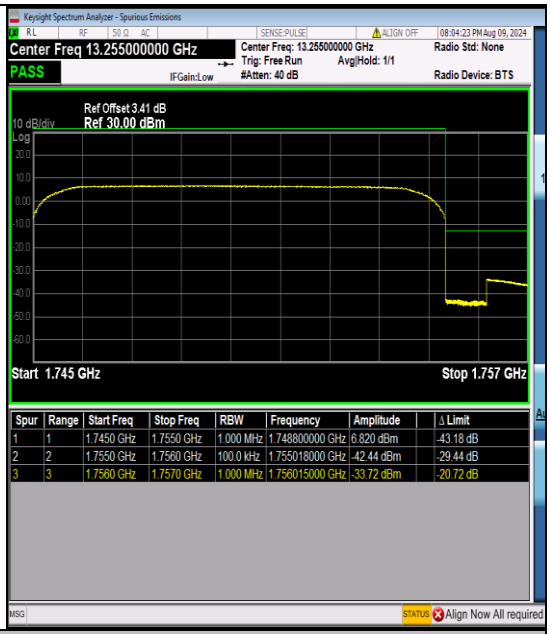
Band4_5MHz_16QAM_19975_25RB#0



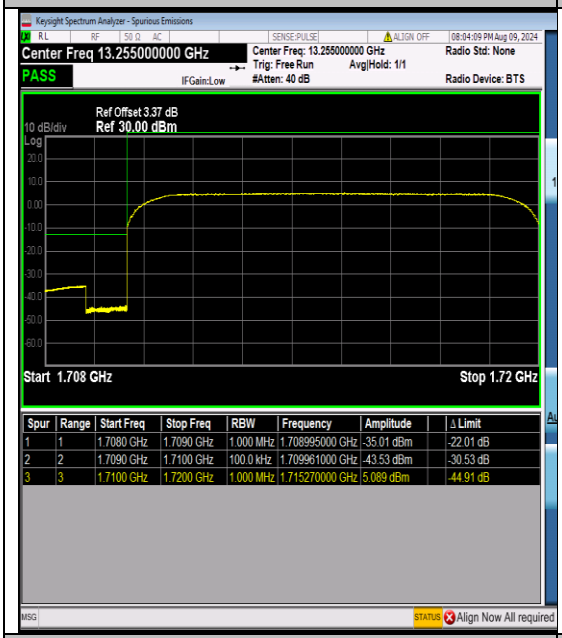
Band4_5MHz_16QAM_20375_25RB#0



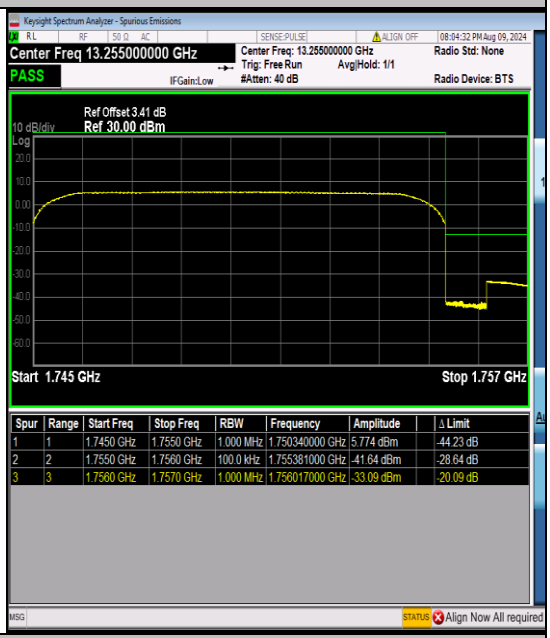
Band4_10MHz_QPSK_20000_50RB#0



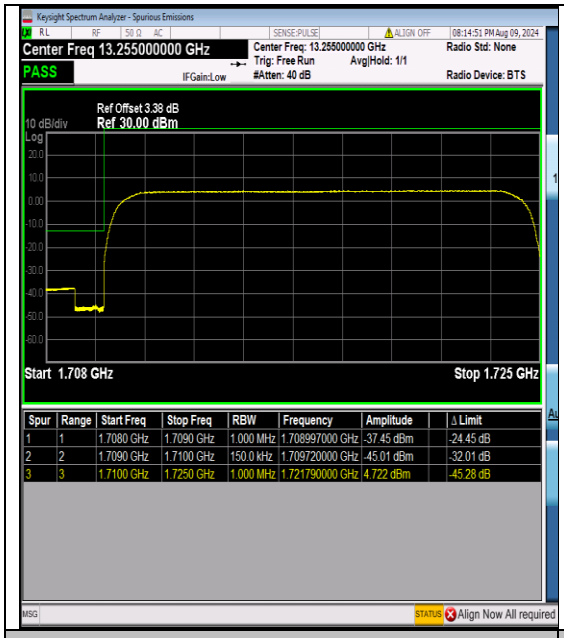
Band4_10MHz_QPSK_20350_50RB#0



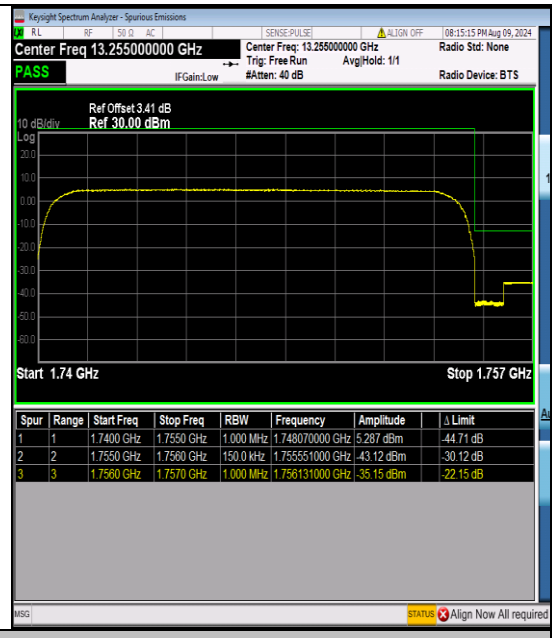
Band4_10MHz_16QAM_20000_50RB#0



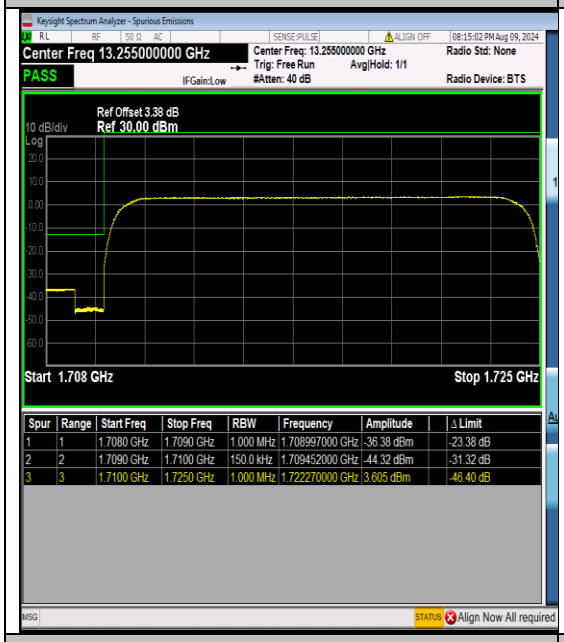
Band4_10MHz_16QAM_20350_50RB#0



Band4_15MHz_QPSK_20025_75RB#0



Band4_15MHz_QPSK_20325_75RB#0



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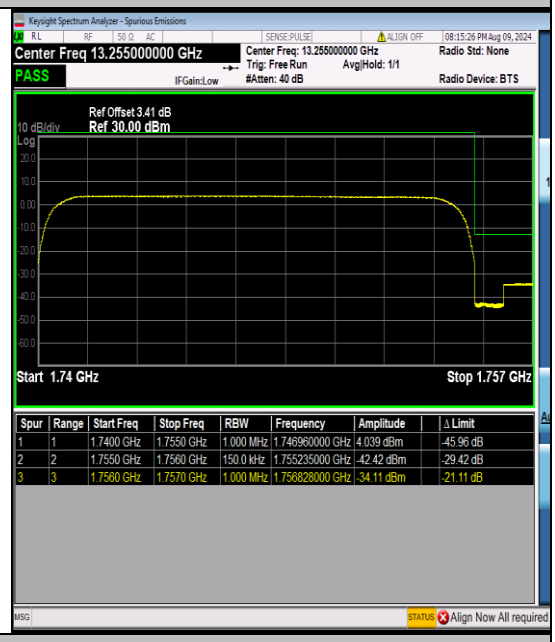
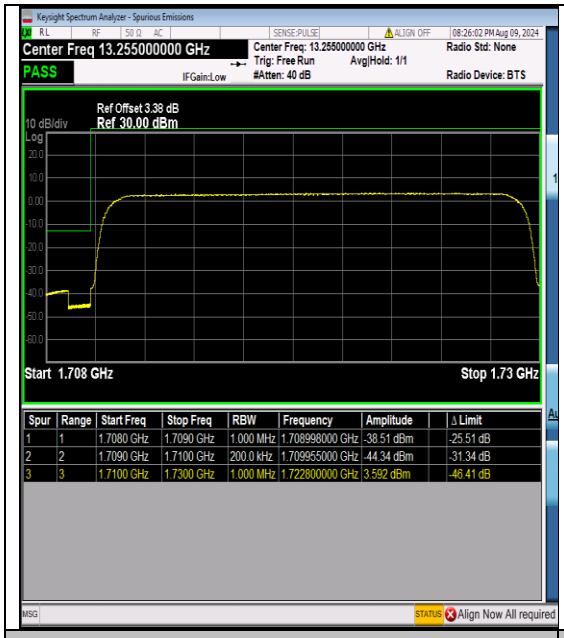
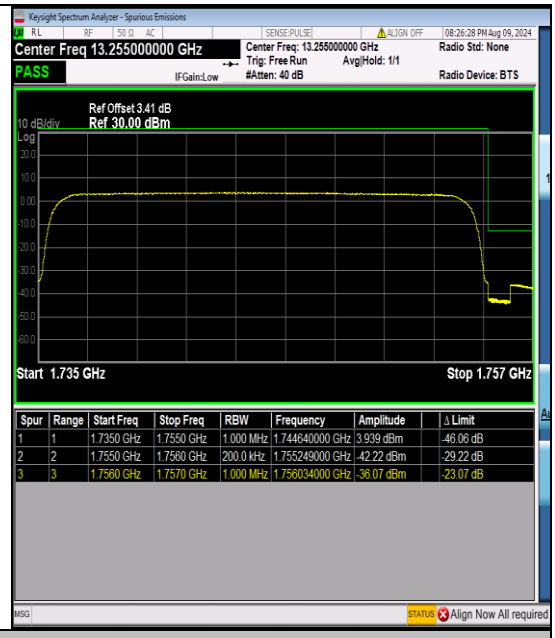


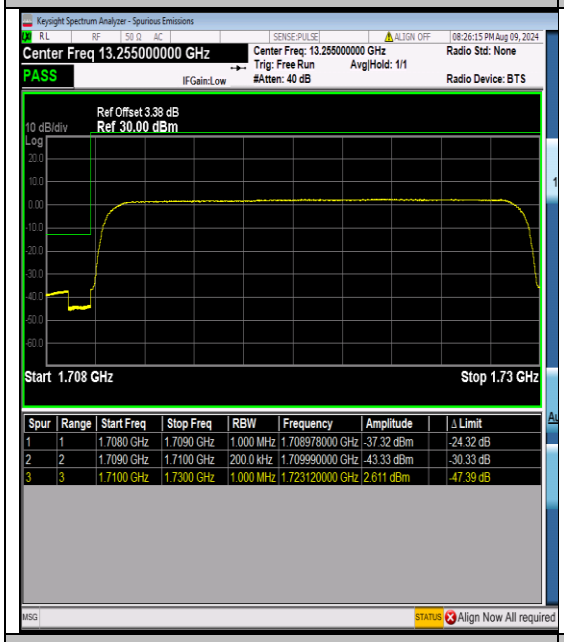
Band4_15MHz_16QAM_20325_75RB#0



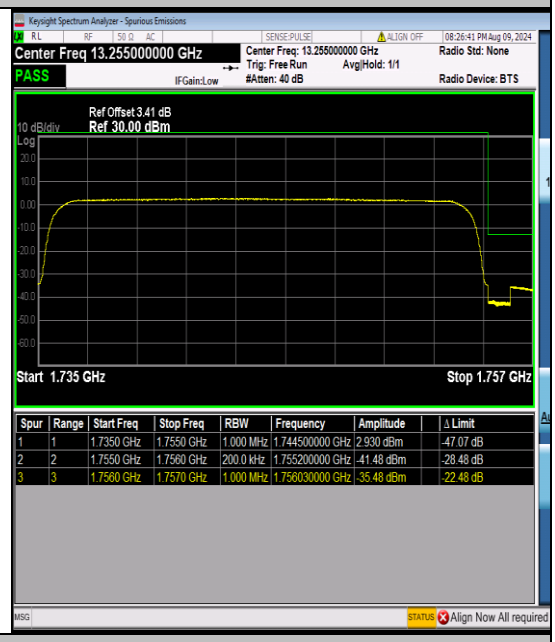
Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20300_100RB#0



Band4_20MHz_16QAM_20050_100RB#0



Band4_20MHz_16QAM_20300_100RB#0

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	0.009~0.15	-63.30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	0.15~30	-55.21	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	30~1000	-66.52	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1000~3000	-42.43	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	3000~20000	-45.44	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.009~0.15	-61.96	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.15~30	-55.91	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	30~1000	-66.30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1000~3000	-41.18	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	3000~20000	-42.82	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.009~0.15	-61.50	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.15~30	-54.12	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	30~1000	-66.51	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1000~3000	-39.83	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3000~20000	-45.14	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.009~0.15	-60.19	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.15~30	-56.84	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	30~1000	-66.38	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1000~3000	-42.08	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	3000~20000	-45.35	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.009~0.15	-58.83	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.15~30	-53.43	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	30~1000	-66.39	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1000~3000	-43.39	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	3000~20000	-44.95	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.009~0.15	-60.27	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.15~30	-54.62	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	30~1000	-66.41	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1000~3000	-41.84	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	3000~20000	-44.73	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.009~0.15	-63.63	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.15~30	-54.58	PASS
Band4	3MHz	QPSK	19965	15RB#0	30~1000	-66.41	PASS
Band4	3MHz	QPSK	19965	15RB#0	1000~3000	-49.71	PASS
Band4	3MHz	QPSK	19965	15RB#0	3000~20000	-45.64	PASS
Band4	3MHz	QPSK	20175	15RB#0	0.009~0.15	-60.80	PASS

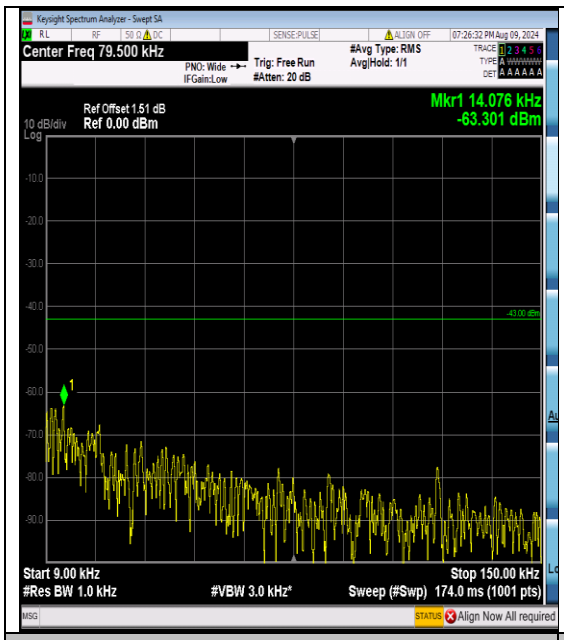
Band4	3MHz	QPSK	20175	15RB#0	0.15~30	-53.73	PASS
Band4	3MHz	QPSK	20175	15RB#0	30~1000	-66.51	PASS
Band4	3MHz	QPSK	20175	15RB#0	1000~3000	-47.38	PASS
Band4	3MHz	QPSK	20175	15RB#0	3000~20000	-44.84	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.009~0.15	-65.33	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.15~30	-55.77	PASS
Band4	3MHz	QPSK	20385	15RB#0	30~1000	-66.34	PASS
Band4	3MHz	QPSK	20385	15RB#0	1000~3000	-47.70	PASS
Band4	3MHz	QPSK	20385	15RB#0	3000~20000	-45.38	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.009~0.15	-62.20	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.15~30	-54.71	PASS
Band4	3MHz	16QAM	19965	15RB#0	30~1000	-66.64	PASS
Band4	3MHz	16QAM	19965	15RB#0	1000~3000	-51.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	3000~20000	-45.45	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.009~0.15	-59.45	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.15~30	-55.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	30~1000	-66.52	PASS
Band4	3MHz	16QAM	20175	15RB#0	1000~3000	-47.35	PASS
Band4	3MHz	16QAM	20175	15RB#0	3000~20000	-45.77	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.009~0.15	-60.18	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.15~30	-55.18	PASS
Band4	3MHz	16QAM	20385	15RB#0	30~1000	-66.13	PASS
Band4	3MHz	16QAM	20385	15RB#0	1000~3000	-42.29	PASS
Band4	3MHz	16QAM	20385	15RB#0	3000~20000	-45.32	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.009~0.15	-61.38	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.15~30	-56.31	PASS
Band4	5MHz	QPSK	19975	25RB#0	30~1000	-66.58	PASS
Band4	5MHz	QPSK	19975	25RB#0	1000~3000	-52.08	PASS
Band4	5MHz	QPSK	19975	25RB#0	3000~20000	-45.74	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.009~0.15	-60.93	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.15~30	-54.93	PASS
Band4	5MHz	QPSK	20175	25RB#0	30~1000	-66.39	PASS
Band4	5MHz	QPSK	20175	25RB#0	1000~3000	-52.25	PASS
Band4	5MHz	QPSK	20175	25RB#0	3000~20000	-45.39	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.009~0.15	-60.73	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.15~30	-53.34	PASS
Band4	5MHz	QPSK	20375	25RB#0	30~1000	-66.70	PASS
Band4	5MHz	QPSK	20375	25RB#0	1000~3000	-52.08	PASS
Band4	5MHz	QPSK	20375	25RB#0	3000~20000	-45.56	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.009~0.15	-60.69	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.15~30	-54.82	PASS
Band4	5MHz	16QAM	19975	25RB#0	30~1000	-66.52	PASS
Band4	5MHz	16QAM	19975	25RB#0	1000~3000	-40.63	PASS

Band4	5MHz	16QAM	19975	25RB#0	3000~20000	-45.06	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.009~0.15	-62.07	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.15~30	-54.87	PASS
Band4	5MHz	16QAM	20175	25RB#0	30~1000	-66.47	PASS
Band4	5MHz	16QAM	20175	25RB#0	1000~3000	-52.46	PASS
Band4	5MHz	16QAM	20175	25RB#0	3000~20000	-45.34	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.009~0.15	-59.73	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.15~30	-55.46	PASS
Band4	5MHz	16QAM	20375	25RB#0	30~1000	-66.37	PASS
Band4	5MHz	16QAM	20375	25RB#0	1000~3000	-52.11	PASS
Band4	5MHz	16QAM	20375	25RB#0	3000~20000	-45.09	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.009~0.15	-62.68	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.15~30	-54.17	PASS
Band4	10MHz	QPSK	20000	50RB#0	30~1000	-66.74	PASS
Band4	10MHz	QPSK	20000	50RB#0	1000~3000	-52.42	PASS
Band4	10MHz	QPSK	20000	50RB#0	3000~20000	-45.42	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.009~0.15	-62.94	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.15~30	-56.79	PASS
Band4	10MHz	QPSK	20175	50RB#0	30~1000	-66.65	PASS
Band4	10MHz	QPSK	20175	50RB#0	1000~3000	-52.35	PASS
Band4	10MHz	QPSK	20175	50RB#0	3000~20000	-45.27	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.009~0.15	-63.31	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.15~30	-55.93	PASS
Band4	10MHz	QPSK	20350	50RB#0	30~1000	-66.39	PASS
Band4	10MHz	QPSK	20350	50RB#0	1000~3000	-51.98	PASS
Band4	10MHz	QPSK	20350	50RB#0	3000~20000	-45.40	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.009~0.15	-61.59	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.15~30	-54.50	PASS
Band4	10MHz	16QAM	20000	50RB#0	30~1000	-66.47	PASS
Band4	10MHz	16QAM	20000	50RB#0	1000~3000	-52.23	PASS
Band4	10MHz	16QAM	20000	50RB#0	3000~20000	-45.07	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.009~0.15	-63.55	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.15~30	-55.12	PASS
Band4	10MHz	16QAM	20175	50RB#0	30~1000	-66.17	PASS
Band4	10MHz	16QAM	20175	50RB#0	1000~3000	-52.47	PASS
Band4	10MHz	16QAM	20175	50RB#0	3000~20000	-45.37	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.009~0.15	-60.08	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.15~30	-53.87	PASS
Band4	10MHz	16QAM	20350	50RB#0	30~1000	-66.55	PASS
Band4	10MHz	16QAM	20350	50RB#0	1000~3000	-52.28	PASS
Band4	10MHz	16QAM	20350	50RB#0	3000~20000	-45.44	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.009~0.15	-60.47	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.15~30	-55.47	PASS

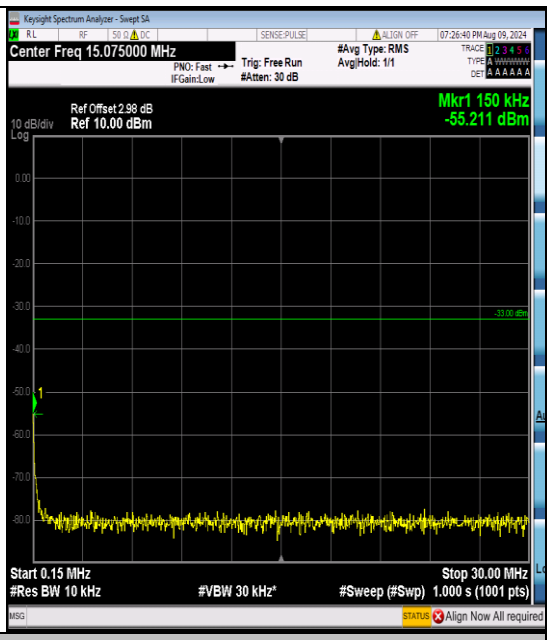
Band4	15MHz	QPSK	20025	75RB#0	30~1000	-66.57	PASS
Band4	15MHz	QPSK	20025	75RB#0	1000~3000	-41.81	PASS
Band4	15MHz	QPSK	20025	75RB#0	3000~20000	-45.48	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.009~0.15	-60.70	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.15~30	-55.01	PASS
Band4	15MHz	QPSK	20175	75RB#0	30~1000	-66.56	PASS
Band4	15MHz	QPSK	20175	75RB#0	1000~3000	-50.56	PASS
Band4	15MHz	QPSK	20175	75RB#0	3000~20000	-45.60	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.009~0.15	-63.87	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.15~30	-54.04	PASS
Band4	15MHz	QPSK	20325	75RB#0	30~1000	-66.43	PASS
Band4	15MHz	QPSK	20325	75RB#0	1000~3000	-52.51	PASS
Band4	15MHz	QPSK	20325	75RB#0	3000~20000	-45.04	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.009~0.15	-61.32	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.15~30	-54.97	PASS
Band4	15MHz	16QAM	20025	75RB#0	30~1000	-66.31	PASS
Band4	15MHz	16QAM	20025	75RB#0	1000~3000	-52.16	PASS
Band4	15MHz	16QAM	20025	75RB#0	3000~20000	-45.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.009~0.15	-63.09	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.15~30	-52.03	PASS
Band4	15MHz	16QAM	20175	75RB#0	30~1000	-66.69	PASS
Band4	15MHz	16QAM	20175	75RB#0	1000~3000	-52.18	PASS
Band4	15MHz	16QAM	20175	75RB#0	3000~20000	-45.31	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.009~0.15	-64.53	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.15~30	-54.87	PASS
Band4	15MHz	16QAM	20325	75RB#0	30~1000	-66.64	PASS
Band4	15MHz	16QAM	20325	75RB#0	1000~3000	-51.72	PASS
Band4	15MHz	16QAM	20325	75RB#0	3000~20000	-45.37	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.009~0.15	-63.01	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.15~30	-56.31	PASS
Band4	20MHz	QPSK	20050	100RB#0	30~1000	-66.50	PASS
Band4	20MHz	QPSK	20050	100RB#0	1000~3000	-52.11	PASS
Band4	20MHz	QPSK	20050	100RB#0	3000~20000	-45.52	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.009~0.15	-61.67	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.15~30	-54.64	PASS
Band4	20MHz	QPSK	20175	100RB#0	30~1000	-66.36	PASS
Band4	20MHz	QPSK	20175	100RB#0	1000~3000	-52.10	PASS
Band4	20MHz	QPSK	20175	100RB#0	3000~20000	-45.65	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.009~0.15	-62.70	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.15~30	-54.98	PASS
Band4	20MHz	QPSK	20300	100RB#0	30~1000	-66.40	PASS
Band4	20MHz	QPSK	20300	100RB#0	1000~3000	-49.56	PASS
Band4	20MHz	QPSK	20300	100RB#0	3000~20000	-45.13	PASS

Band4	20MHz	16QAM	20050	100RB#0	0.009~0.15	-60.67	PASS
Band4	20MHz	16QAM	20050	100RB#0	0.15~30	-53.12	PASS
Band4	20MHz	16QAM	20050	100RB#0	30~1000	-66.40	PASS
Band4	20MHz	16QAM	20050	100RB#0	1000~3000	-50.42	PASS
Band4	20MHz	16QAM	20050	100RB#0	3000~20000	-45.44	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.009~0.15	-59.81	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.15~30	-54.04	PASS
Band4	20MHz	16QAM	20175	100RB#0	30~1000	-66.58	PASS
Band4	20MHz	16QAM	20175	100RB#0	1000~3000	-52.33	PASS
Band4	20MHz	16QAM	20175	100RB#0	3000~20000	-45.68	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.009~0.15	-59.02	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.15~30	-54.29	PASS
Band4	20MHz	16QAM	20300	100RB#0	30~1000	-66.49	PASS
Band4	20MHz	16QAM	20300	100RB#0	1000~3000	-52.36	PASS
Band4	20MHz	16QAM	20300	100RB#0	3000~20000	-45.39	PASS

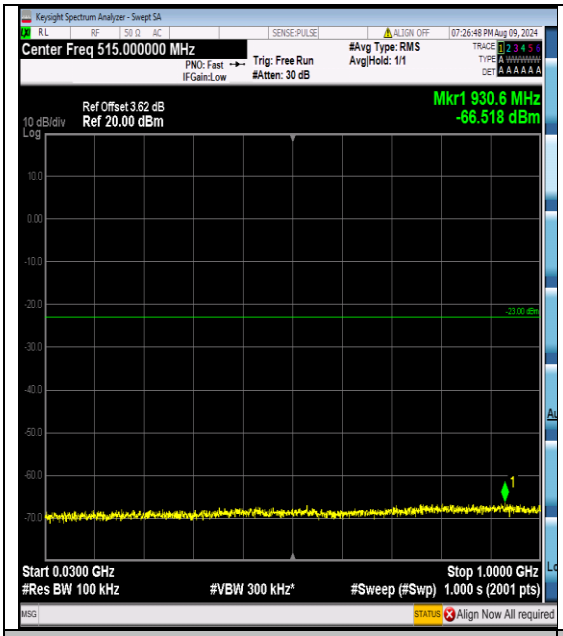
Test Graphs



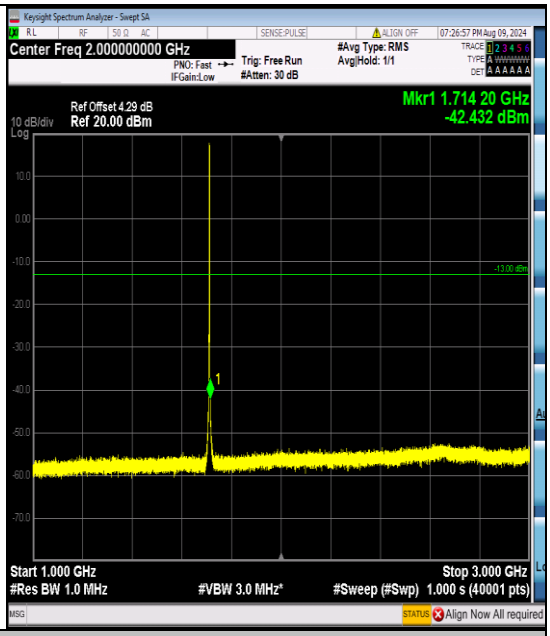
Band4_1.4MHz_QPSK_19957_6RB#0_0.009~0.15_0.009~0.15



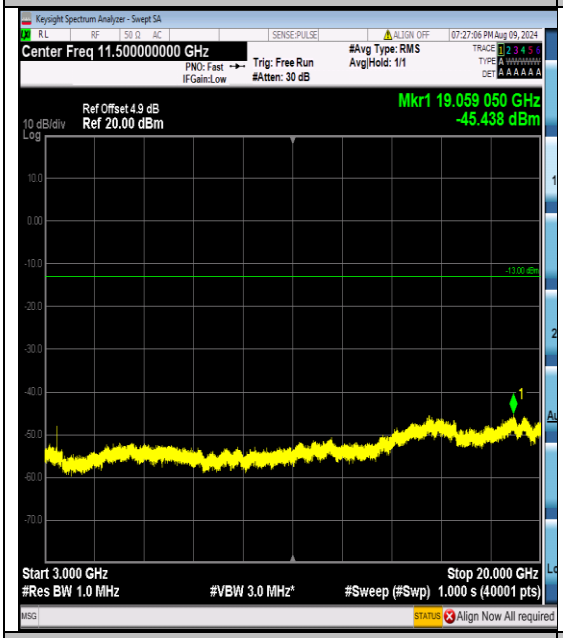
Band4_1.4MHz_QPSK_19957_6RB#0_0.15~30_0.15~30



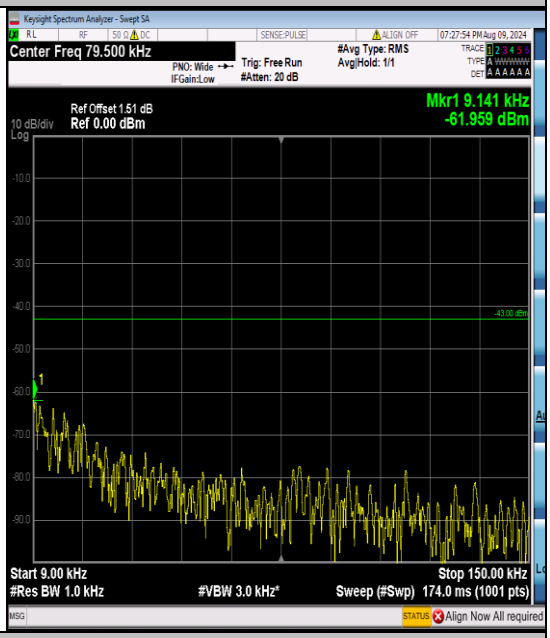
Band4_1.4MHz_QPSK_19957_6RB#0_30~1000_30~1000



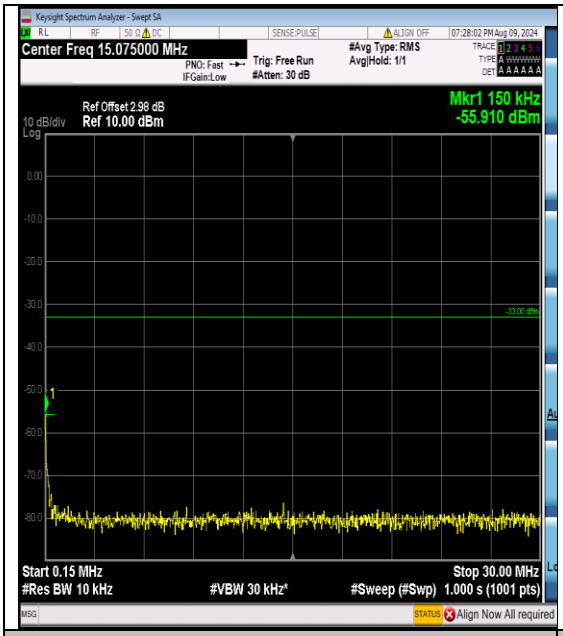
Band4_1.4MHz_QPSK_19957_6RB#0_1000~3000_1000~3000



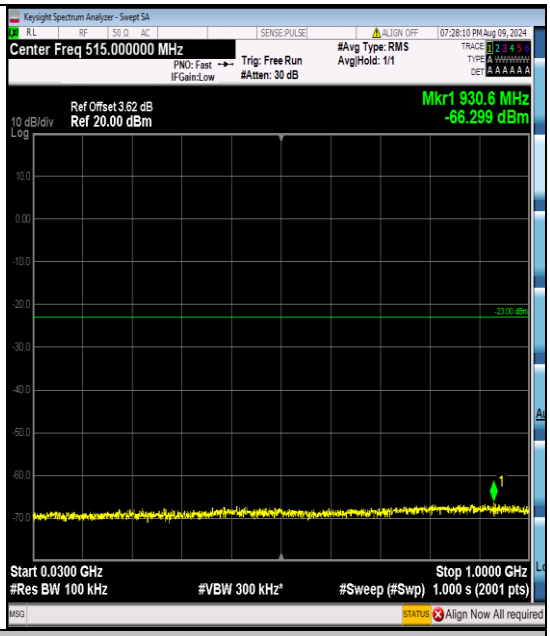
Band4_1.4MHz_QPSK_19957_6RB#0_3000~20000_3000~20000



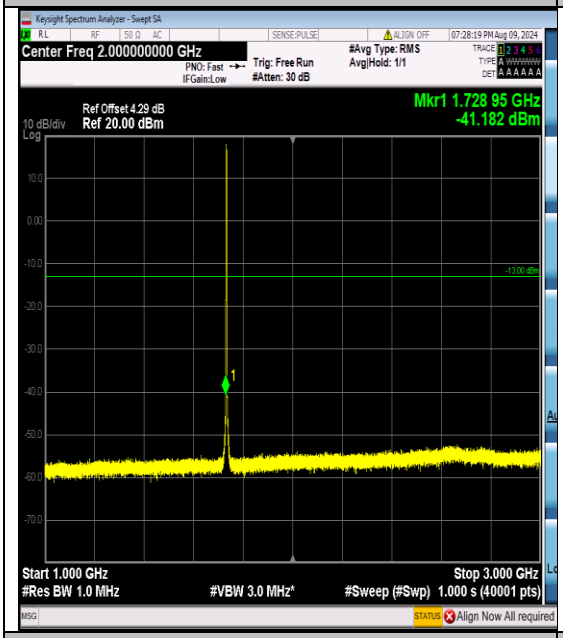
Band4_1.4MHz_QPSK_20175_6RB#0_0.009~0.15_0.009~0.15



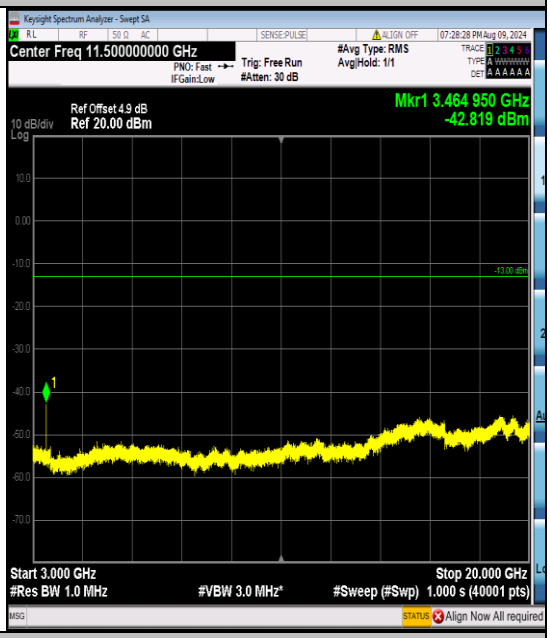
Band4_1.4MHz_QPSK_20175_6RB#0_0.15~30_0.15~30



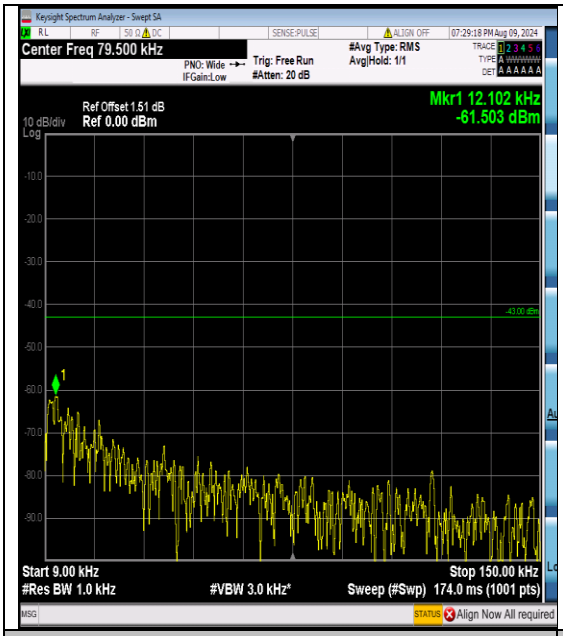
Band4_1.4MHz_QPSK_20175_6RB#0_30~1000_30~1000



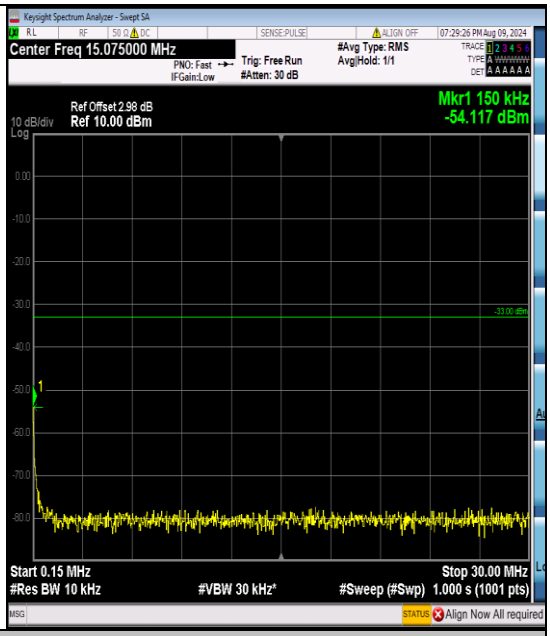
Band4_1.4MHz_QPSK_20175_6RB#0_1000~3000_1000~3000



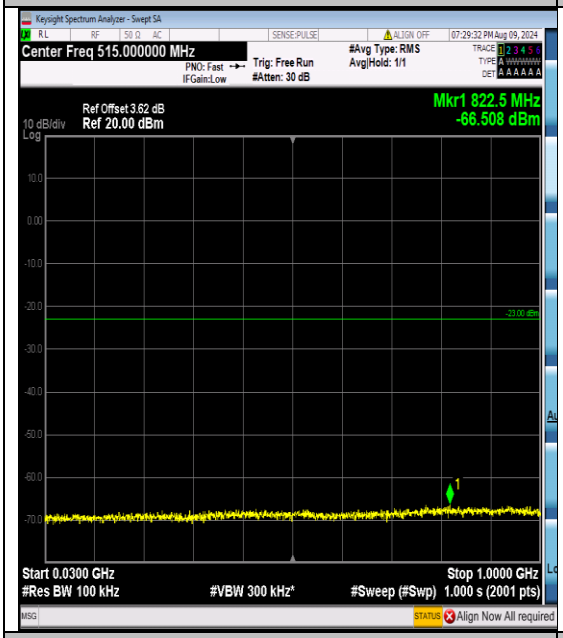
Band4_1.4MHz_QPSK_20175_6RB#0_3000~20000_3000~20000



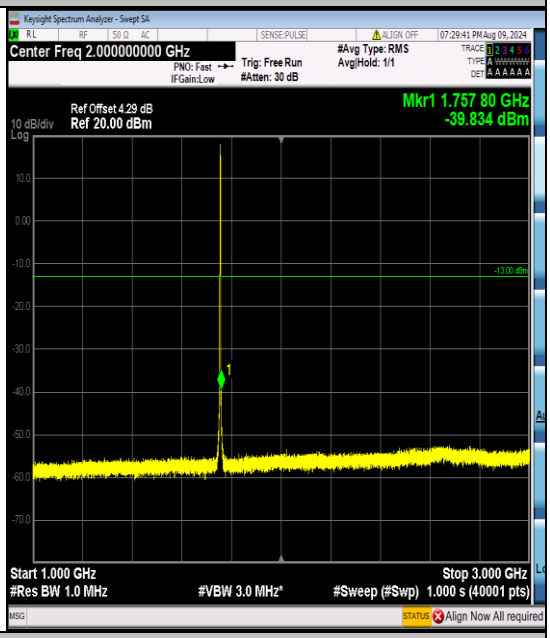
Band4_1.4MHz_QPSK_20393_6RB#0_0.009~0.15_0.009~0.15



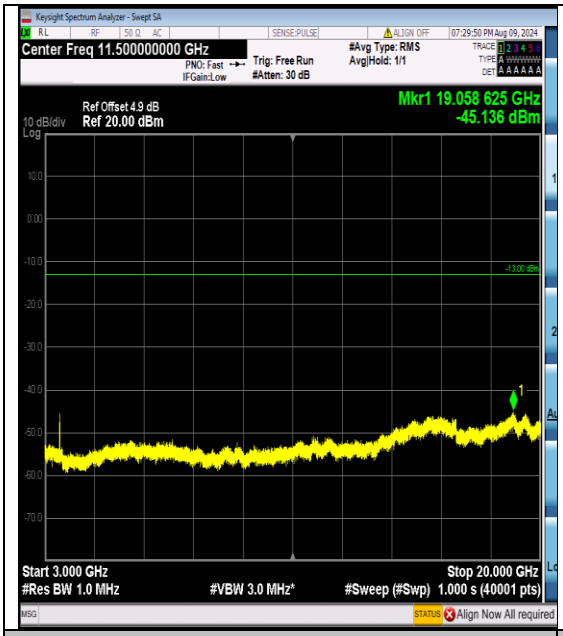
Band4_1.4MHz_QPSK_20393_6RB#0_0.15~30_0.15~30



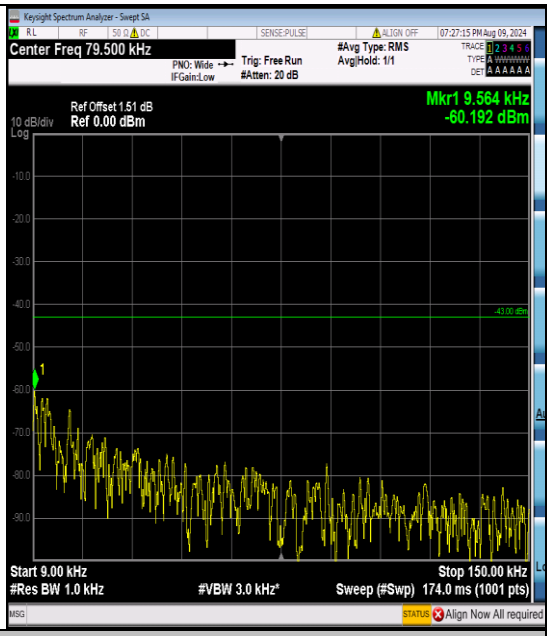
Band4_1.4MHz_QPSK_20393_6RB#0_30~1000_30~1000



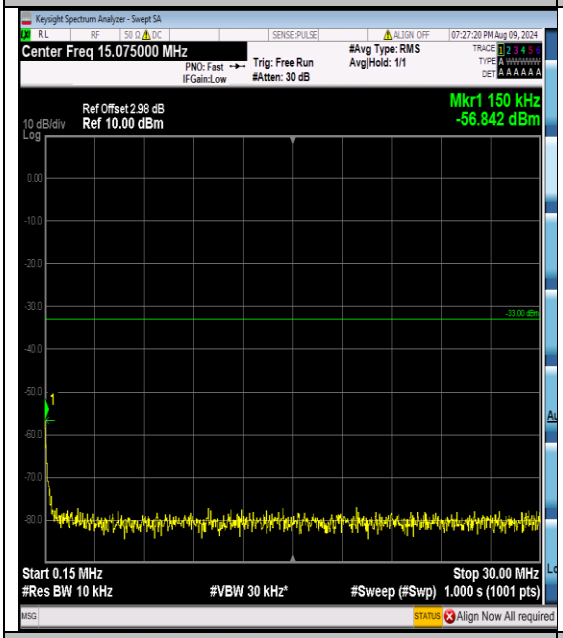
Band4_1.4MHz_QPSK_20393_6RB#0_1000~3000_1000~3000



Band4_1.4MHz_QPSK_20393_6RB#0_3000~20000_3000~20000

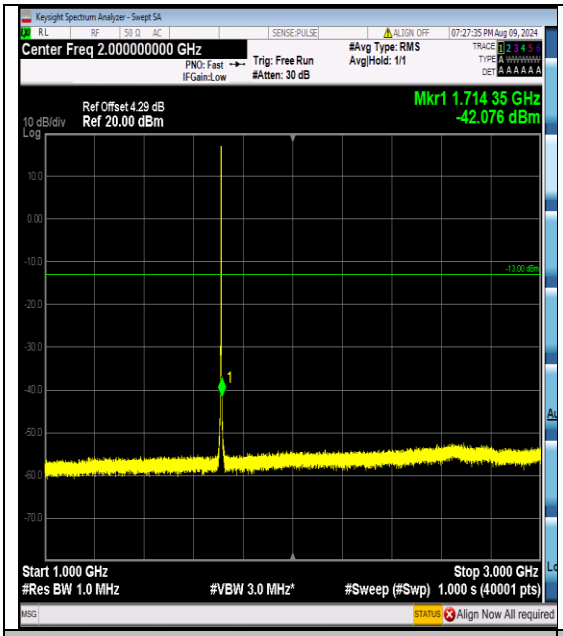


Band4_1.4MHz_16QAM_19957_6RB#0_0.009~0.15_0.009~0.15

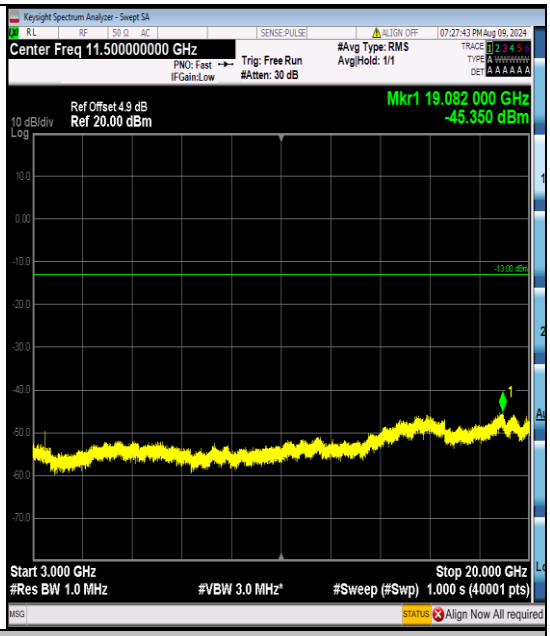


Band4_1.4MHz_16QAM_19957_6RB#0_0.15~30_0.15~30

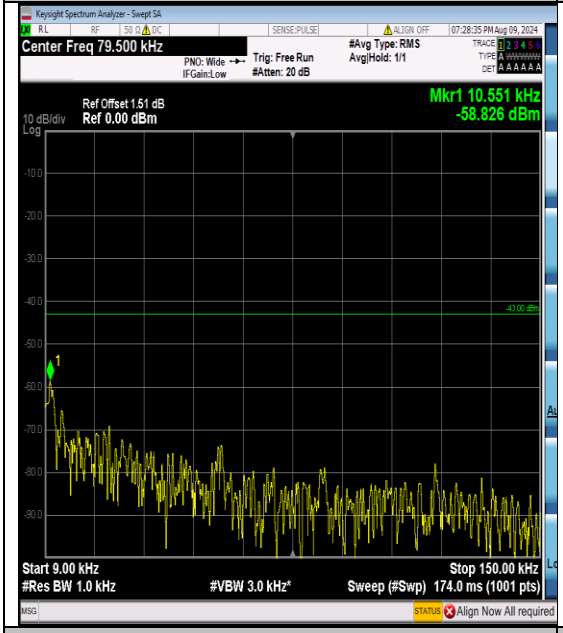
Band4_1.4MHz_16QAM_19957_6RB#0_30~1000_30~1000



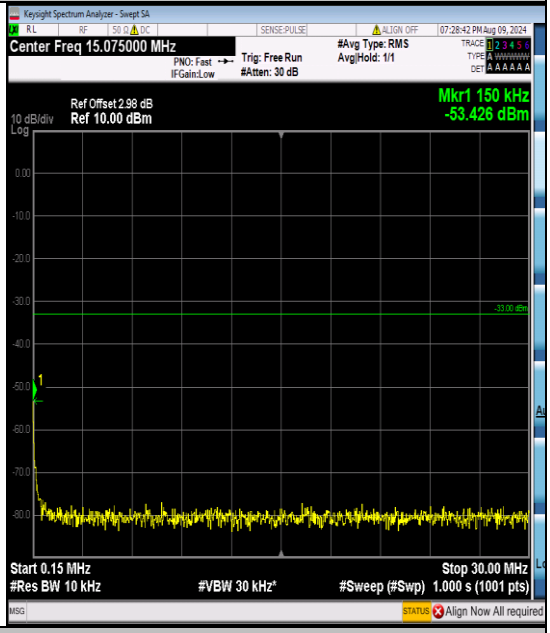
Band4_1.4MHz_16QAM_19957_6RB#0_1000~3000_1000~3000



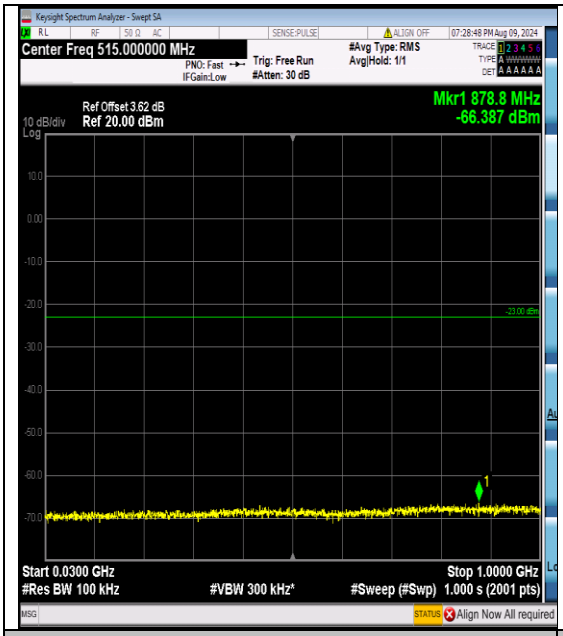
Band4_1.4MHz_16QAM_19957_6RB#0_3000~20000_3000~20000



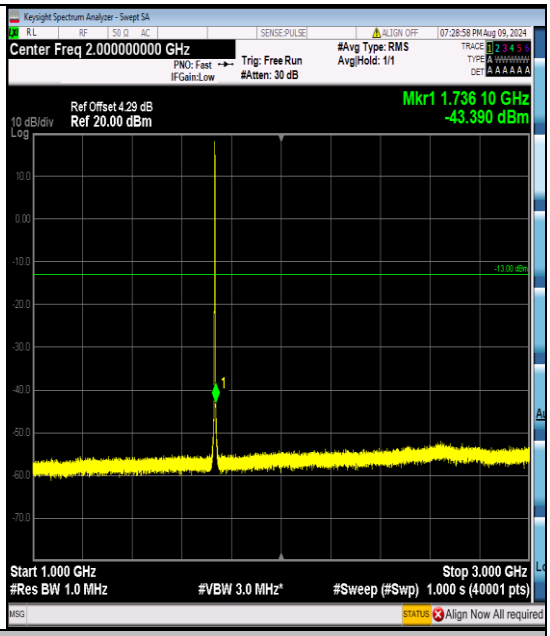
Band4_1.4MHz_16QAM_20175_6RB#0_0.009~0.15_0.009~0.15



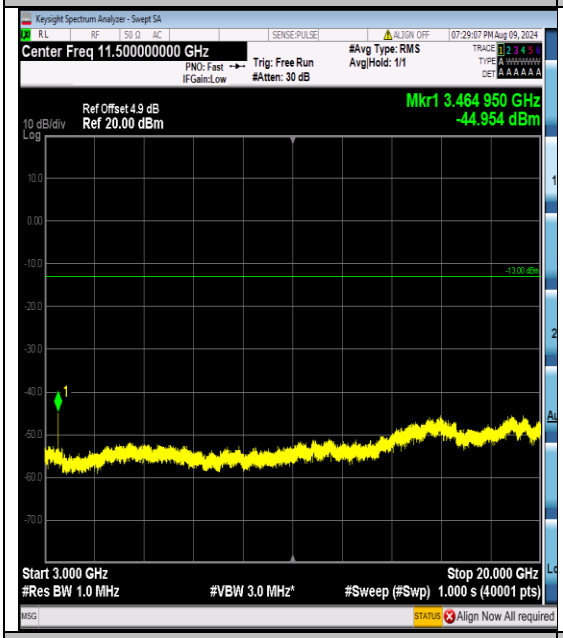
Band4_1.4MHz_16QAM_20175_6RB#0_0.15~30_0.15~30



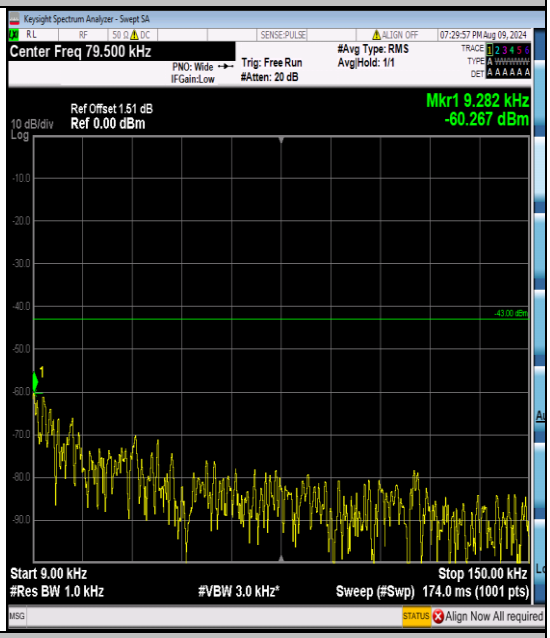
Band4_1.4MHz_16QAM_20175_6RB#0_30~1000_30~1000



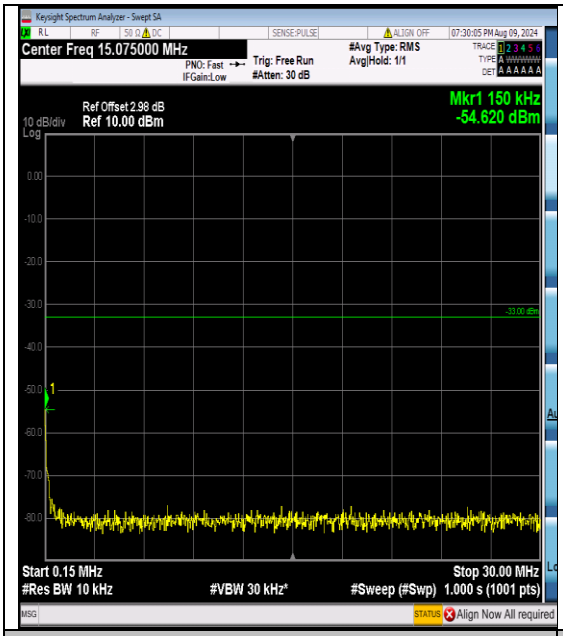
Band4_1.4MHz_16QAM_20175_6RB#0_1000~3000_1000~3000



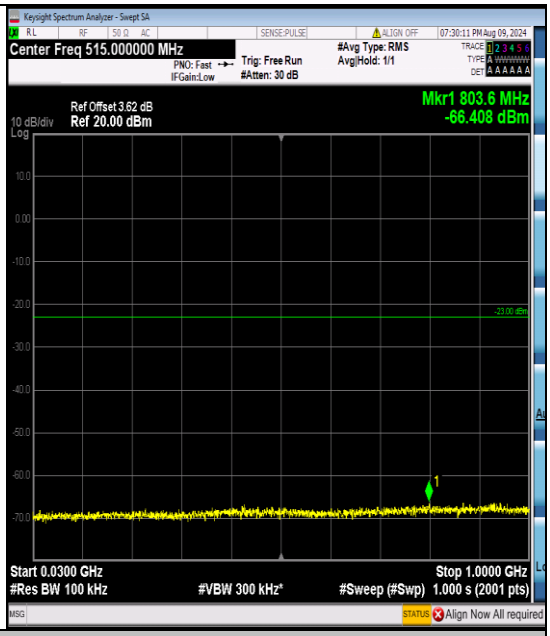
Band4_1.4MHz_16QAM_20175_6RB#0_3000~20000_3000~20000



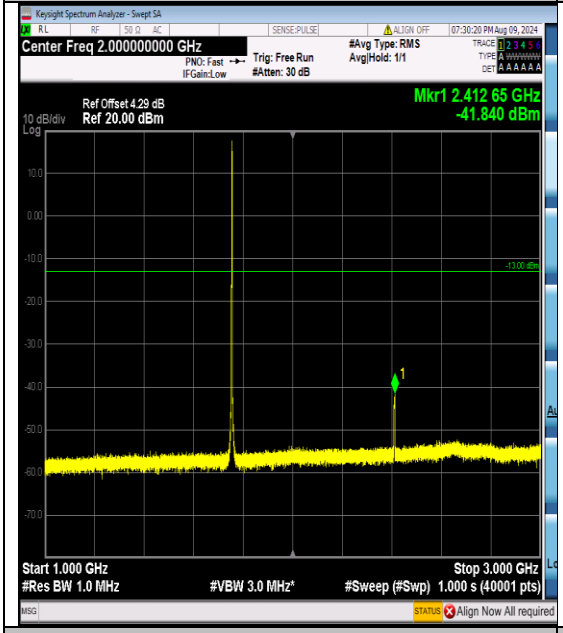
Band4_1.4MHz_16QAM_20393_6RB#0_0.009~0.15_0.009~0.15



Band4_1.4MHz_16QAM_20393_6RB#0_0.15~30_0.15~30

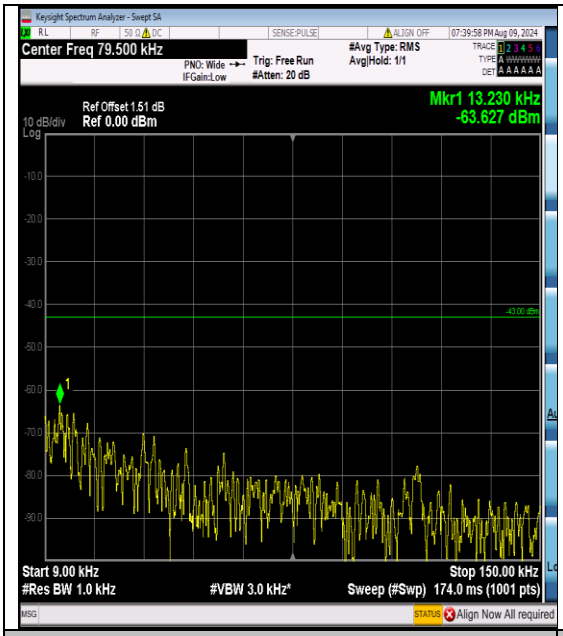


Band4_1.4MHz_16QAM_20393_6RB#0_30~1000_30~1000

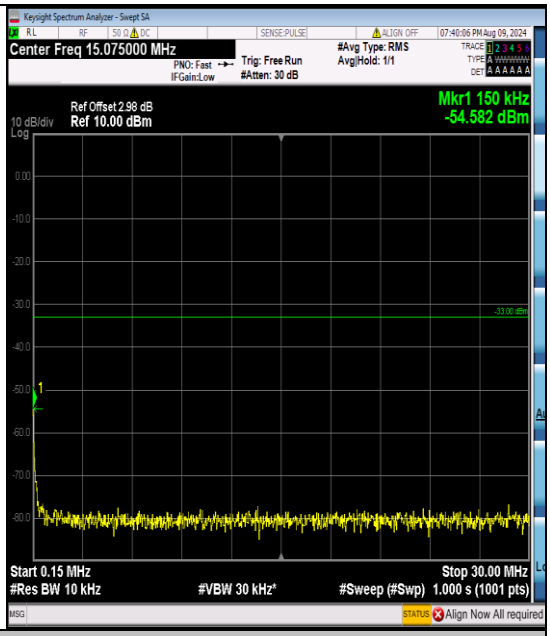


Band4_1.4MHz_16QAM_20393_6RB#0_1000~3000_1000~3000

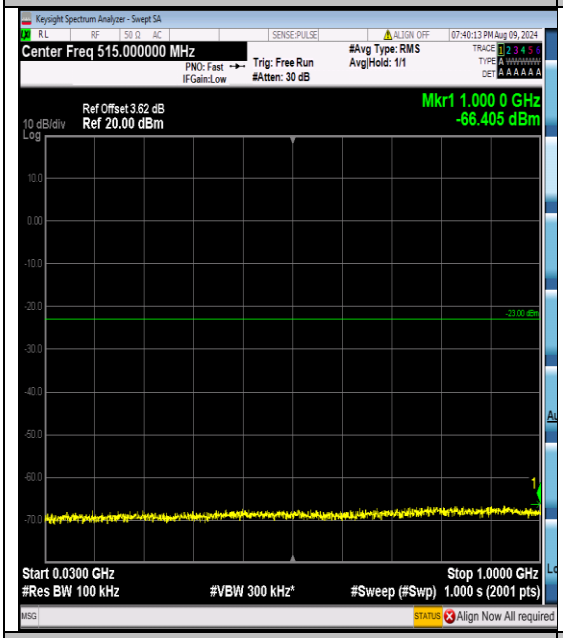
Band4_1.4MHz_16QAM_20393_6RB#0_3000~20000_3000~20000



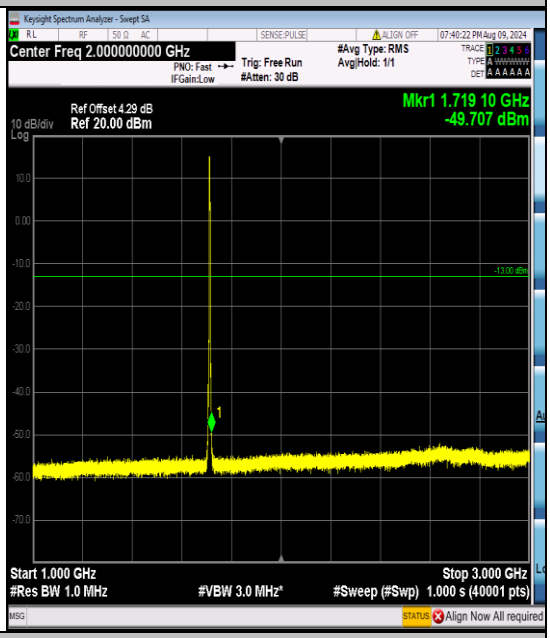
Band4_3MHz_QPSK_19965_15RB#0_0.009~0.15_0.009~0.15



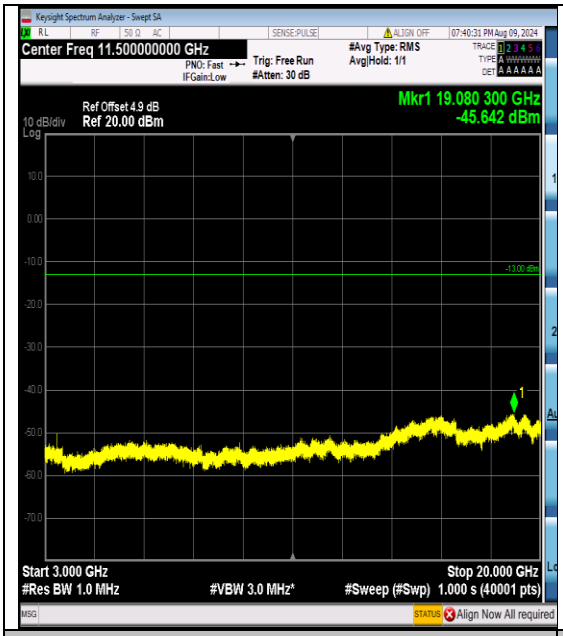
Band4_3MHz_QPSK_19965_15RB#0_0.15~30_0.15~30



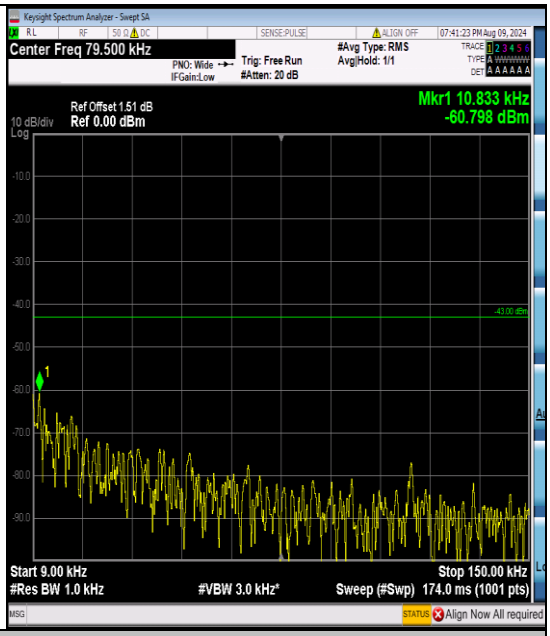
Band4_3MHz_QPSK_19965_15RB#0_30~1000_30~1000



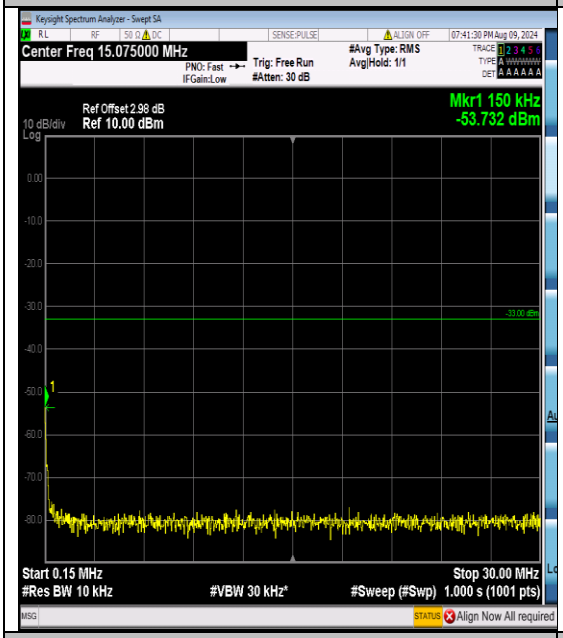
Band4_3MHz_QPSK_19965_15RB#0_1000~3000_1000~3000



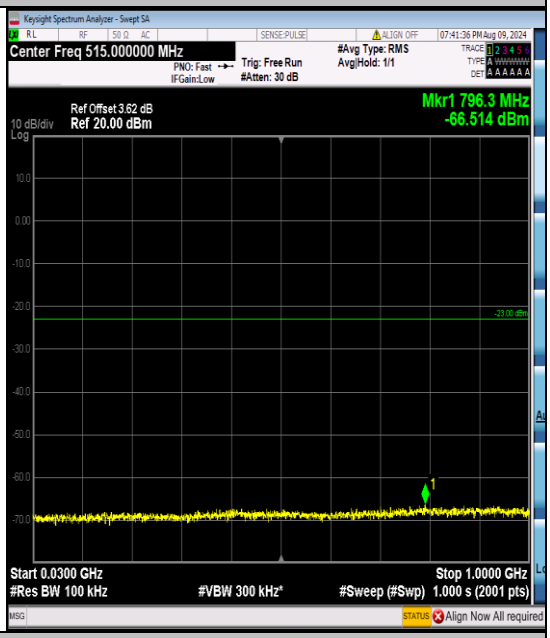
Band4_3MHz_QPSK_19965_15RB#0_3000~20000_3000~20000



Band4_3MHz_QPSK_20175_15RB#0_0.009~0.15_0.009~0.15



Band4_3MHz_QPSK_20175_15RB#0_0.15~30_0.15~30



Band4_3MHz_QPSK_20175_15RB#0_30~1000_30~1000