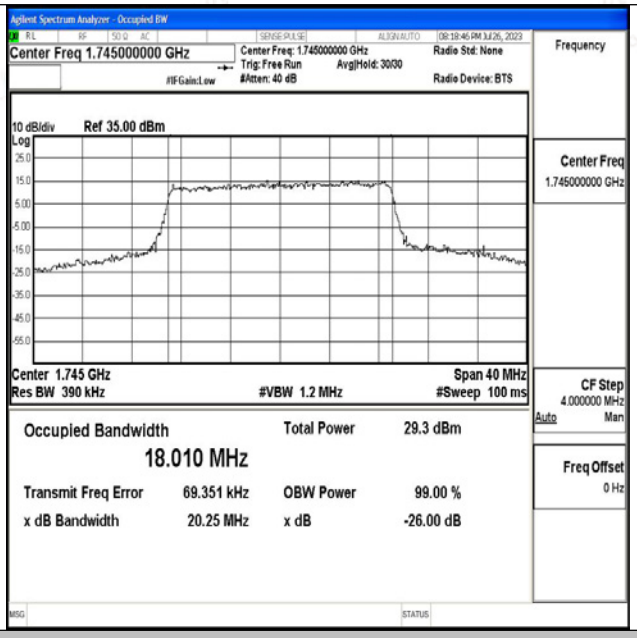
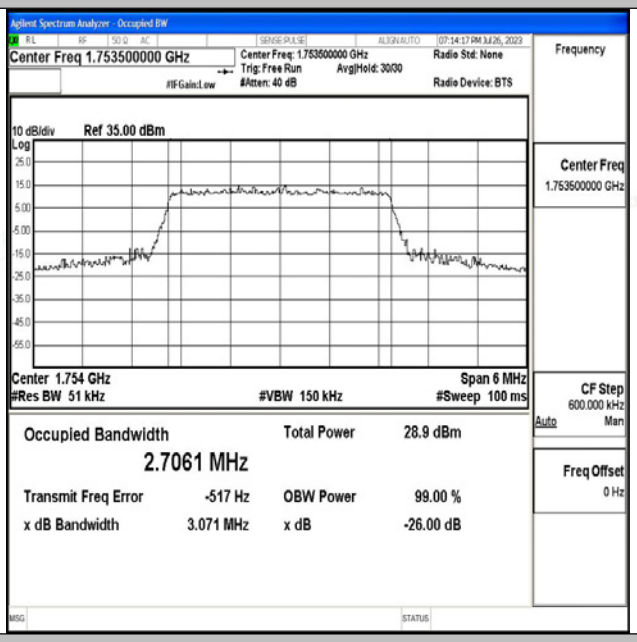


20MHz-20300



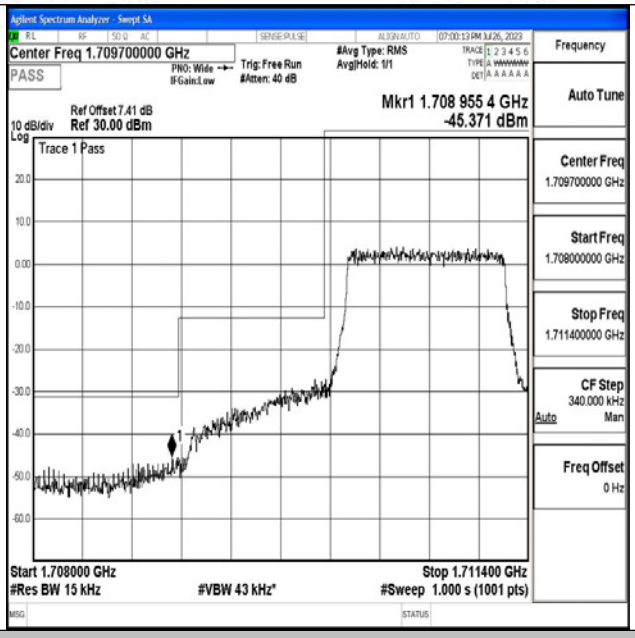
3MHz-20385

I.4 Band Edge

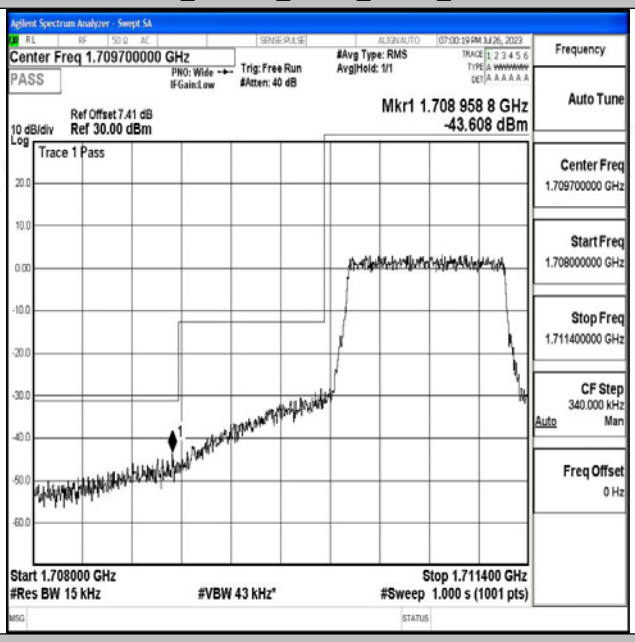
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1708.96	-45.37	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1708.96	-43.61	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1756.02	-42.92	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1756.01	-42.51	PASS
Band4	3MHz	QPSK	19965	15RB#0	1708.95	-31.48	PASS
Band4	3MHz	16QAM	19965	15RB#0	1708.85	-33.11	PASS
Band4	3MHz	QPSK	20385	15RB#0	1756.06	-28.33	PASS
Band4	3MHz	16QAM	20385	15RB#0	1756.08	-31.33	PASS
Band4	5MHz	QPSK	19975	25RB#0	1708.90	-31.09	PASS
Band4	5MHz	16QAM	19975	25RB#0	1708.84	-31.60	PASS
Band4	5MHz	QPSK	20375	25RB#0	1756.10	-28.29	PASS
Band4	5MHz	16QAM	20375	25RB#0	1756.02	-29.77	PASS
Band4	10MHz	QPSK	20000	50RB#0	1708.78	-27.97	PASS
Band4	10MHz	16QAM	20000	50RB#0	1708.92	-28.58	PASS
Band4	10MHz	QPSK	20350	50RB#0	1756.10	-26.06	PASS
Band4	10MHz	16QAM	20350	50RB#0	1756.76	-27.43	PASS
Band4	15MHz	QPSK	20025	75RB#0	1708.70	-29.74	PASS
Band4	15MHz	16QAM	20025	75RB#0	1708.65	-30.87	PASS
Band4	15MHz	QPSK	20325	75RB#0	1756.05	-25.98	PASS
Band4	15MHz	16QAM	20325	75RB#0	1756.20	-27.57	PASS
Band4	20MHz	QPSK	20050	100RB#0	1708.84	-29.81	PASS
Band4	20MHz	16QAM	20050	100RB#0	1708.86	-31.20	PASS
Band4	20MHz	QPSK	20300	100RB#0	1756.23	-26.53	PASS
Band4	20MHz	16QAM	20300	100RB#0	1756.10	-27.17	PASS

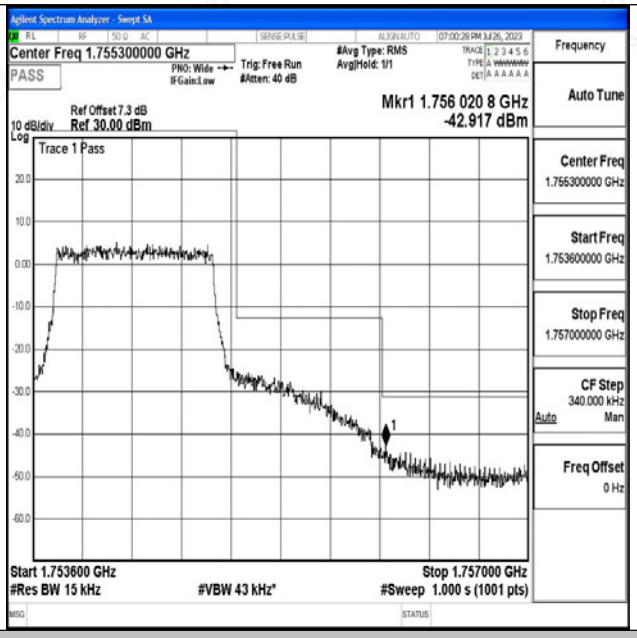
Test Graphs



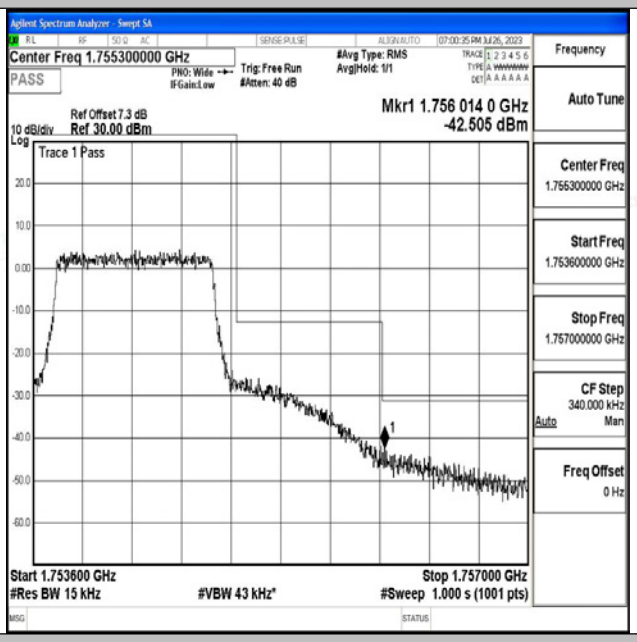
Band4_1.4MHz_QPSK_19957_6RB#0



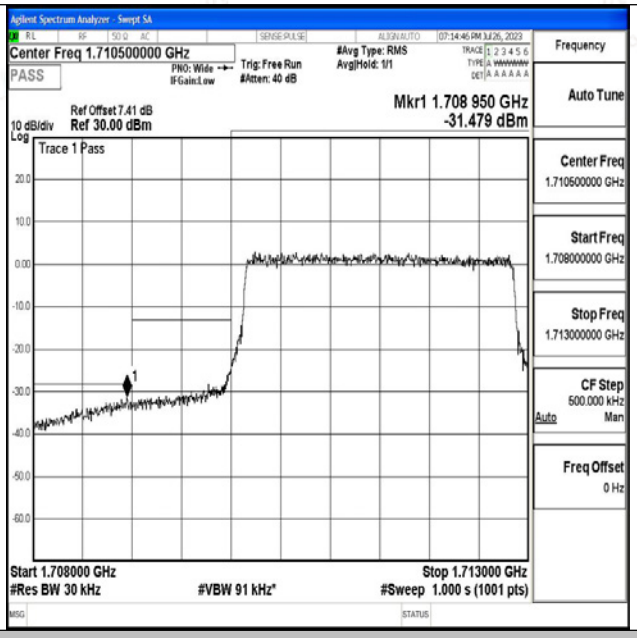
Band4_1.4MHz_16QAM_19957_6RB#0



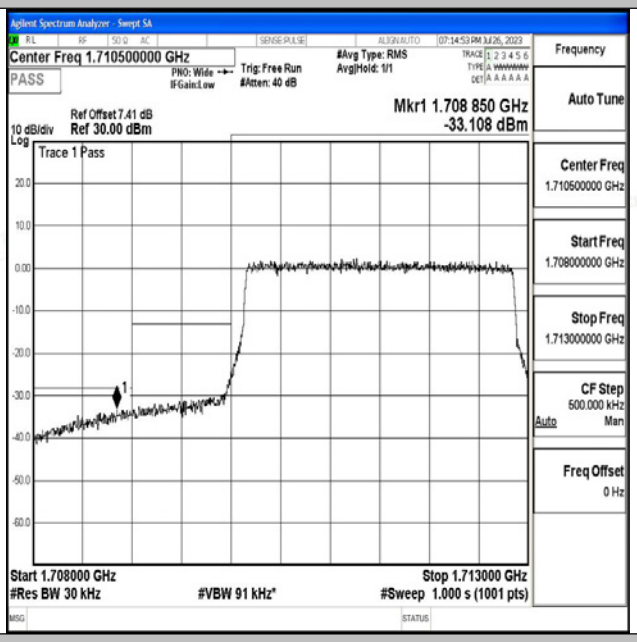
Band4_1.4MHz_QPSK_20393_6RB#0



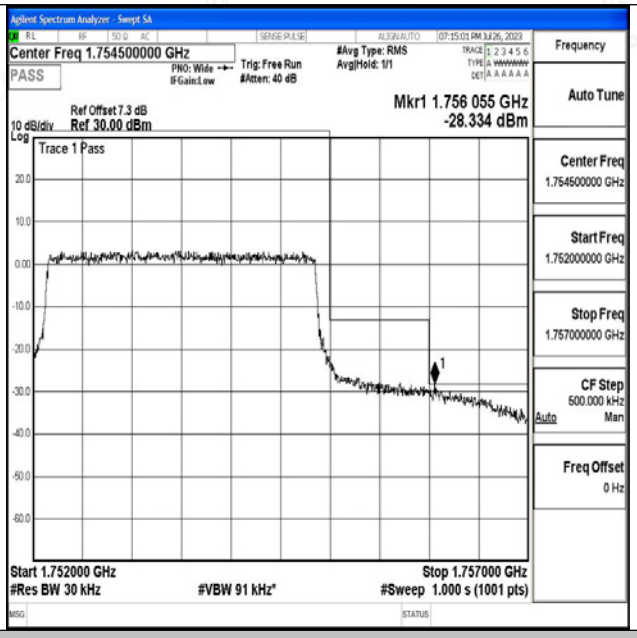
Band4_1.4MHz_16QAM_20393_6RB#0



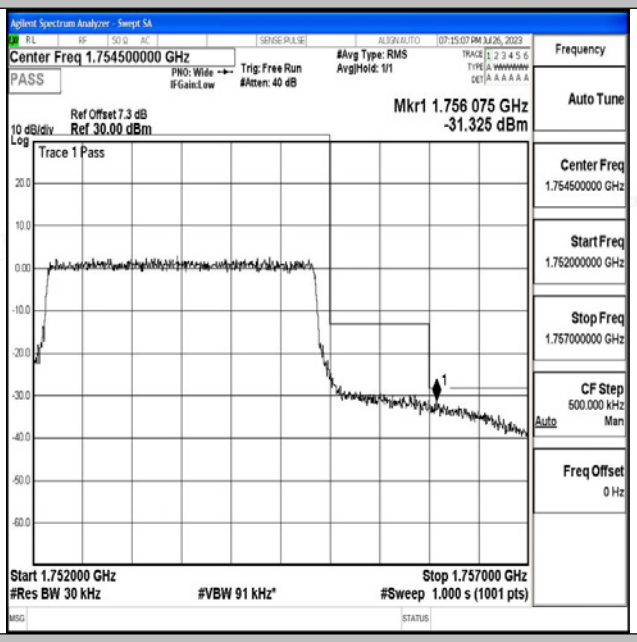
Band4_3MHz_QPSK_19965_15RB#0



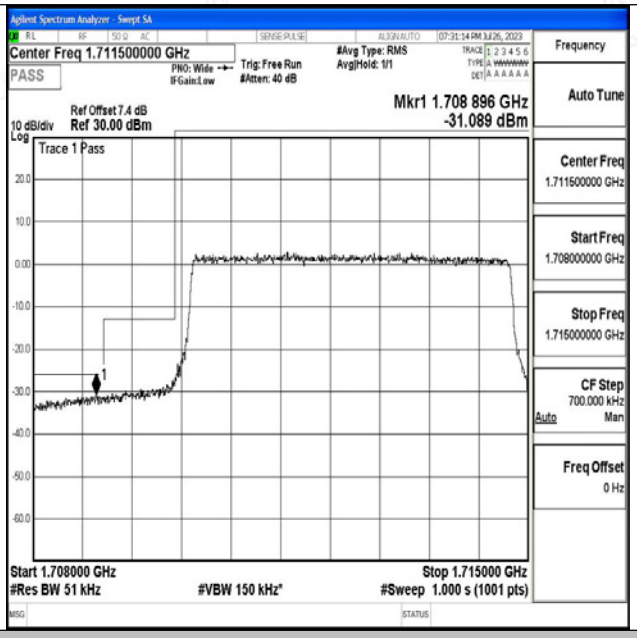
Band4_3MHz_16QAM_19965_15RB#0



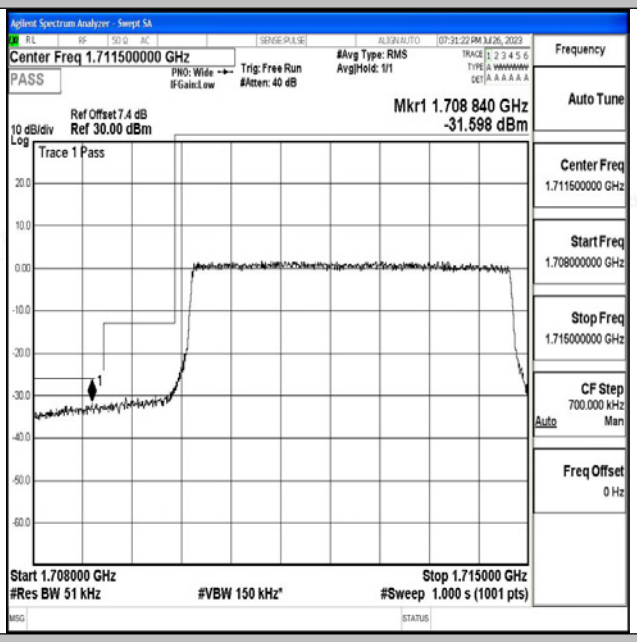
Band4_3MHz_QPSK_20385_15RB#0



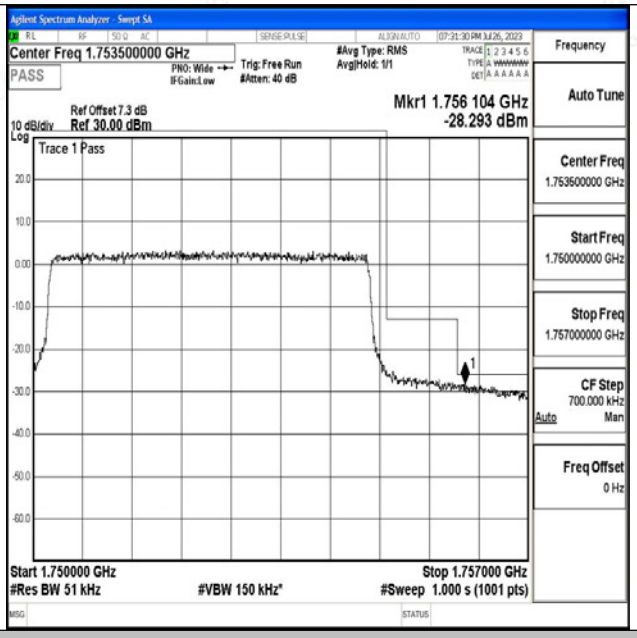
Band4_3MHz_16QAM_20385_15RB#0



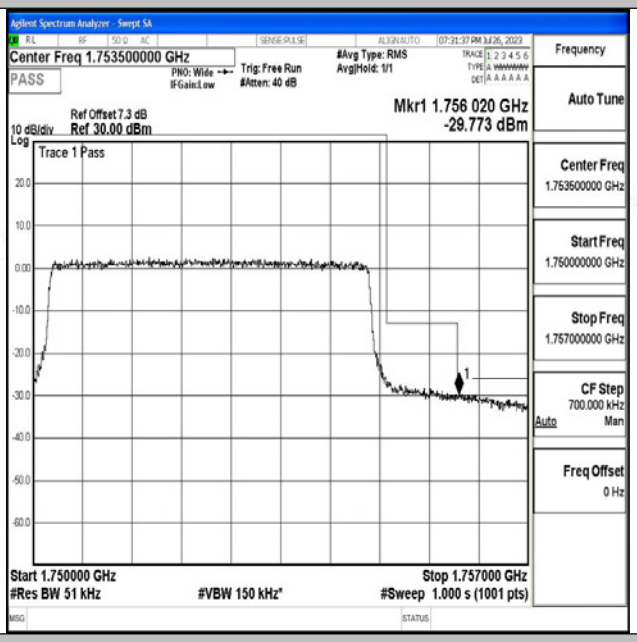
Band4_5MHz_QPSK_19975_25RB#0



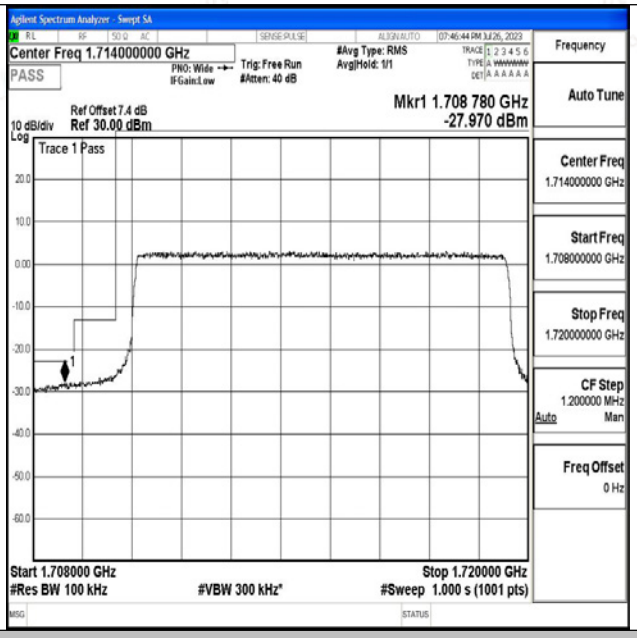
Band4_5MHz_16QAM_19975_25RB#0



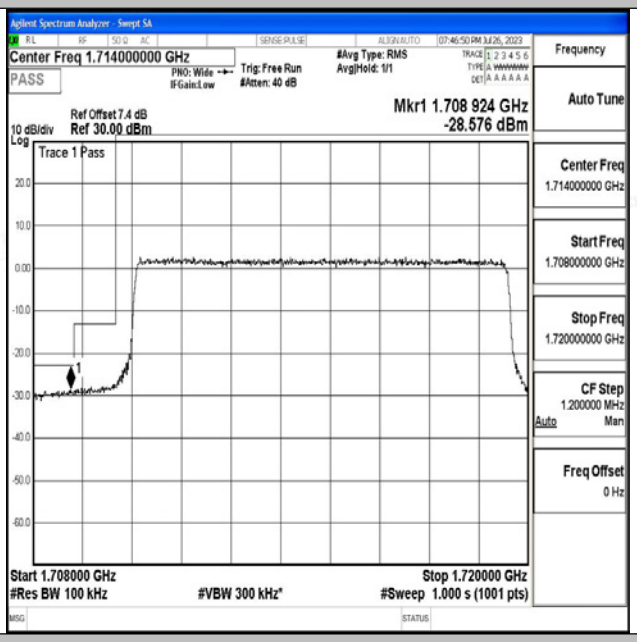
Band4_5MHz_QPSK_20375_25RB#0



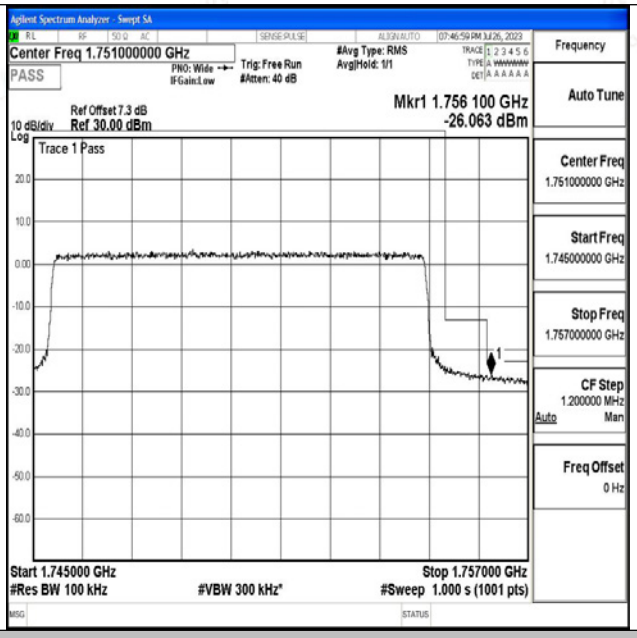
Band4_5MHz_16QAM_20375_25RB#0



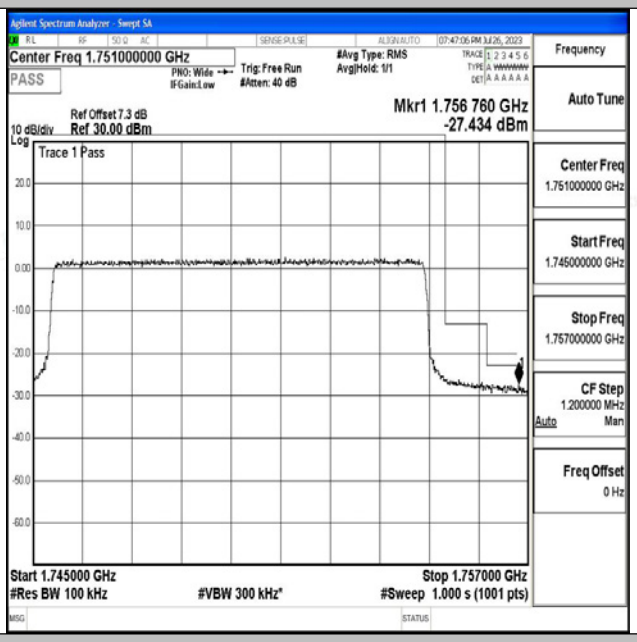
Band4_10MHz_QPSK_20000_50RB#0



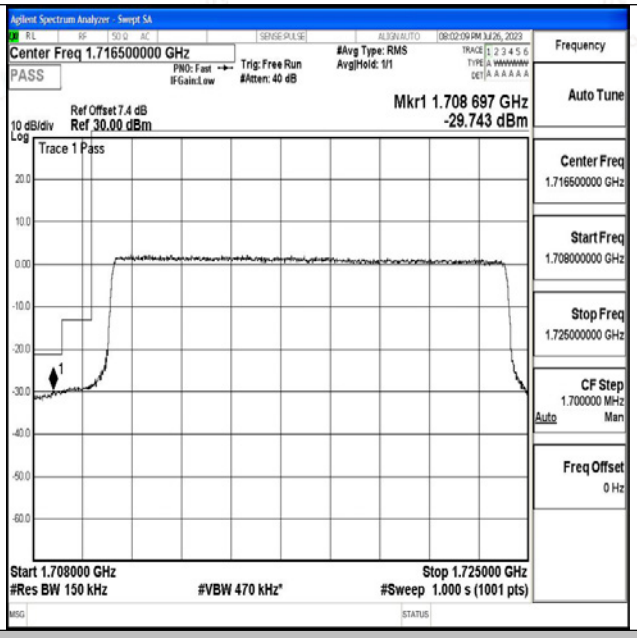
Band4_10MHz_16QAM_20000_50RB#0



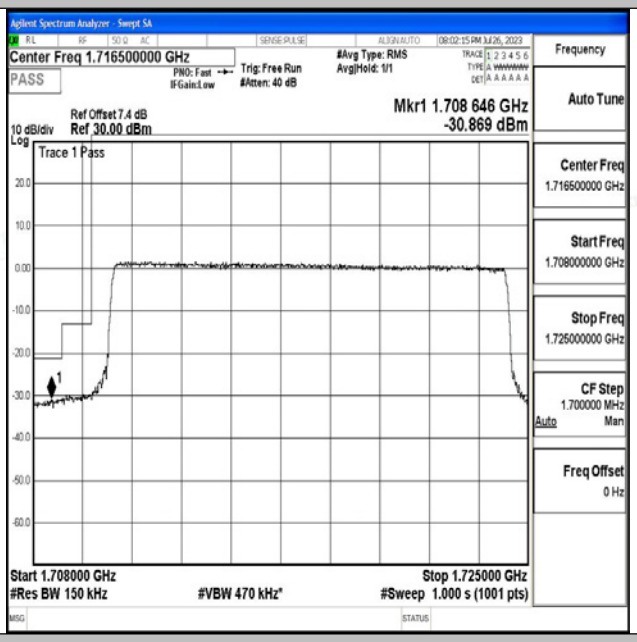
Band4_10MHz_QPSK_20350_50RB#0



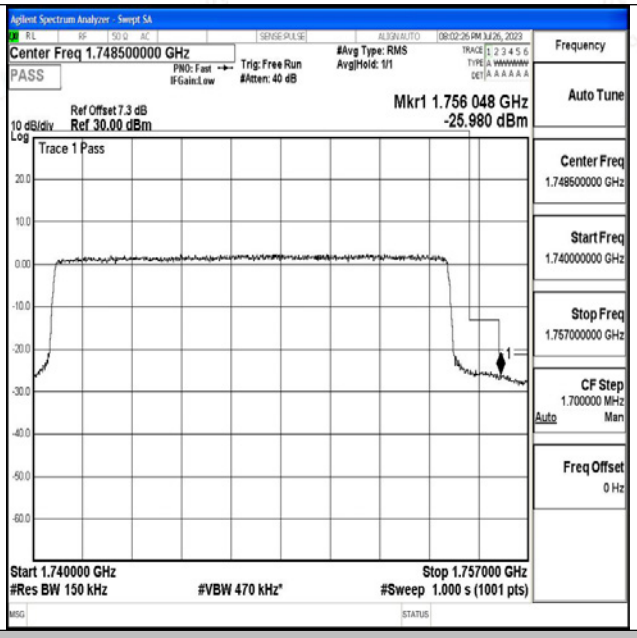
Band4_10MHz_16QAM_20350_50RB#0



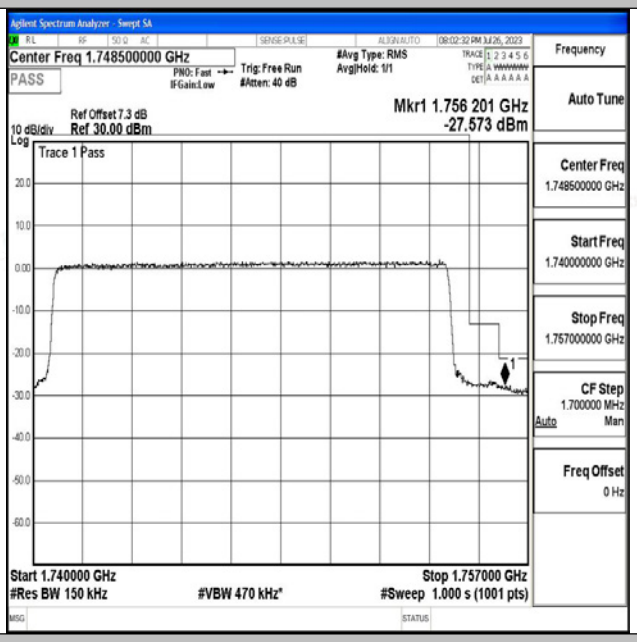
Band4_15MHz_QPSK_20025_75RB#0



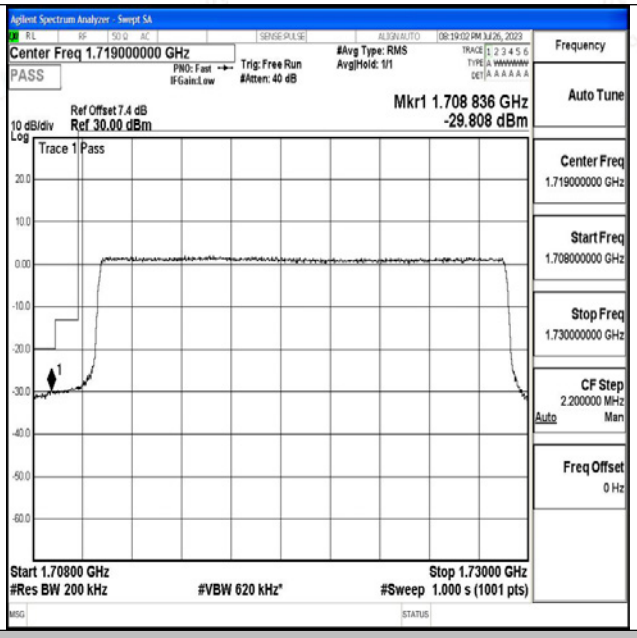
Band4_15MHz_16QAM_20025_75RB#0



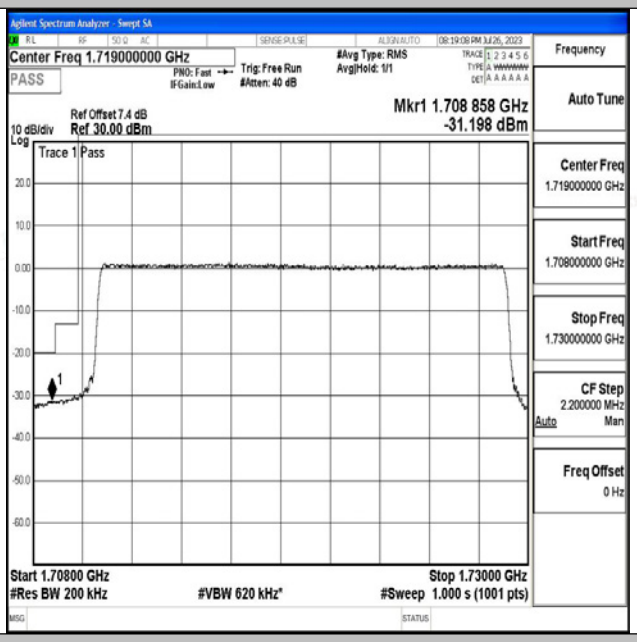
Band4_15MHz_QPSK_20325_75RB#0



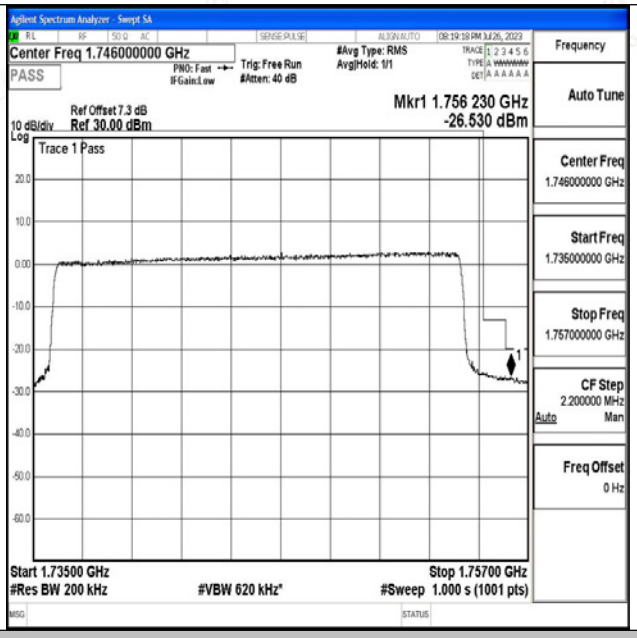
Band4_15MHz_16QAM_20325_75RB#0



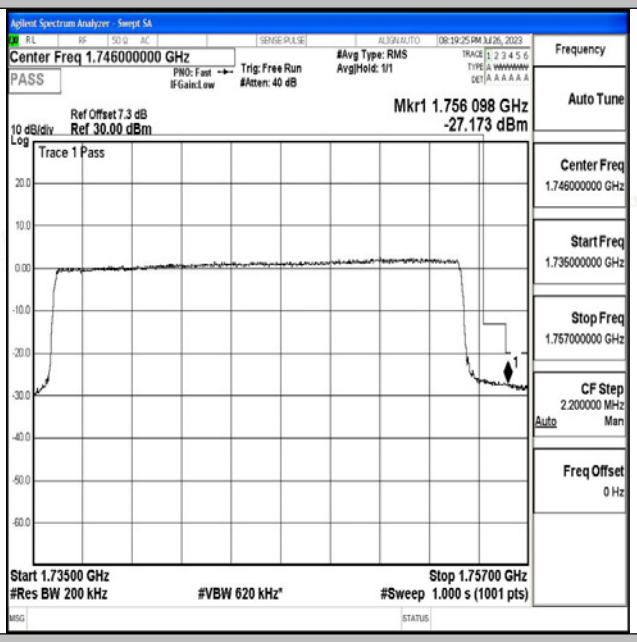
Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_16QAM_20050_100RB#0



Band4_20MHz_QPSK_20300_100RB#0



Band4_20MHz_16QAM_20300_100RB#0

I.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0.009~0.15	-64.09	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	-52.26	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-53.80	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	-29.44	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	-33.36	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	-63.06	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	-50.91	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-53.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	-25.38	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	-33.47	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	-64.53	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	-52.99	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-53.85	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	-25.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	-33.13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	-63.85	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	-52.22	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-53.85	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	-24.16	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	-33.20	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	-65.25	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	-52.62	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-53.77	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	-24.68	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	-33.31	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	-64.77	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	-54.63	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-53.79	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	-26.98	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	-33.36	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	-66.27	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	-54.10	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	-53.82	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	-28.38	PASS
Band4	3MHz	QPSK	19965	1RB#0	3000~20000	-33.27	PASS

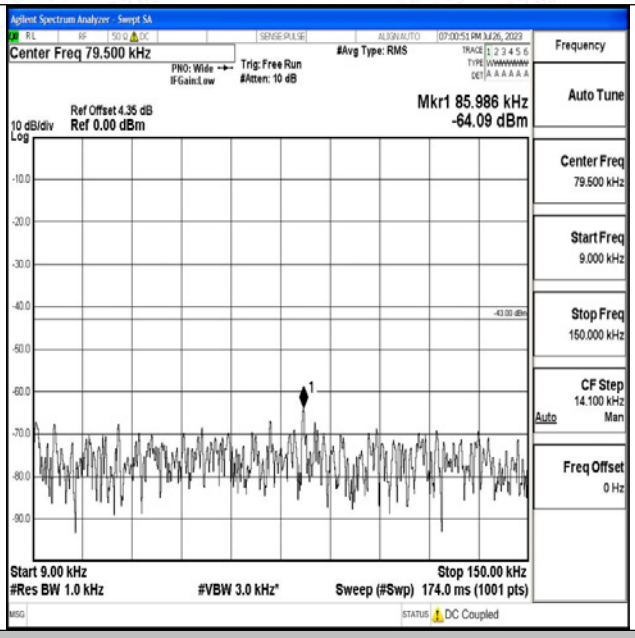
Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	-64.18	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	-52.11	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000	-53.78	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	-30.76	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	-32.96	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	-65.78	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	-53.34	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	-53.75	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	-27.91	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	-33.42	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	-63.40	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	-53.12	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	-53.92	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	-28.81	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	-33.44	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	-65.07	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	-53.37	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	-53.82	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	-26.54	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	-33.48	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	-65.20	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	-54.14	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	-53.78	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	-26.58	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	-33.09	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	-67.06	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	-51.30	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	-53.80	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	-36.77	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	-33.27	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	-65.38	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	-55.25	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	-53.75	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	-33.97	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	-33.05	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	-63.50	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	-54.84	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	-53.80	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	-36.64	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	-32.63	PASS

Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	-65.71	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	-53.48	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000	-53.82	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	-37.72	PASS
Band4	5MHz	16QAM	20175	1RB#0	3000~20000	-33.38	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	-65.52	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	-53.43	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	-53.77	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	-39.24	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	-33.17	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	-65.76	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	-54.67	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	-53.82	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	-40.57	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	-32.92	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	-64.97	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	-53.17	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	-53.73	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	-47.64	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	-33.19	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	-62.49	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	-50.98	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	-53.83	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	-47.60	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	-33.36	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	-64.96	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	-53.53	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	-53.82	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	-47.81	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	-33.23	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	-63.68	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	-52.46	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	-53.87	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	-47.72	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	-33.11	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	-64.11	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	-53.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	-53.81	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	-47.70	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	-33.32	PASS

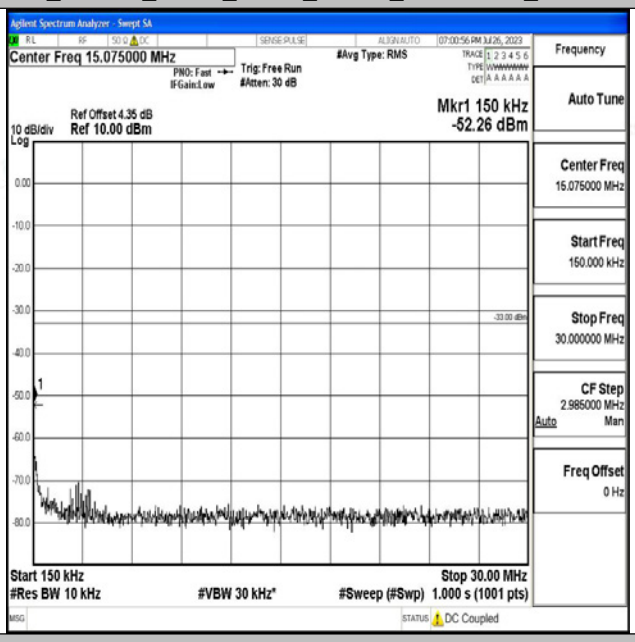
Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	-63.12	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.15~30	-53.23	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	-53.89	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	-47.57	PASS
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	-33.25	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	-66.61	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	-52.33	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000	-53.67	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~3000	-46.78	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	-33.42	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	-63.56	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	-54.11	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	-53.82	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	-45.79	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	-33.09	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	-65.26	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	-52.58	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	-53.73	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	-47.15	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	-33.53	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	-64.17	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	-52.94	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	-53.95	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	-48.07	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	-33.37	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	-65.64	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	-51.65	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	-53.81	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	-47.89	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	-33.58	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	-65.25	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	-53.92	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	-53.92	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	-48.08	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	-32.92	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-64.21	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-52.61	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-53.78	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-41.68	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-32.98	PASS

Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	-67.05	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	-51.73	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-53.82	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	-42.25	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	-33.66	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-64.71	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-51.79	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-53.93	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-46.98	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-33.24	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	-64.01	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.15~30	-53.03	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	-53.81	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~3000	-47.28	PASS
Band4	20MHz	16QAM	20175	1RB#0	3000~20000	-33.48	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	-63.85	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	-54.16	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-53.81	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	-47.94	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	-33.33	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.009~0.15	-63.95	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.15~30	-51.58	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	-53.87	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~3000	-48.10	PASS
Band4	20MHz	16QAM	20300	1RB#0	3000~20000	-33.65	PASS

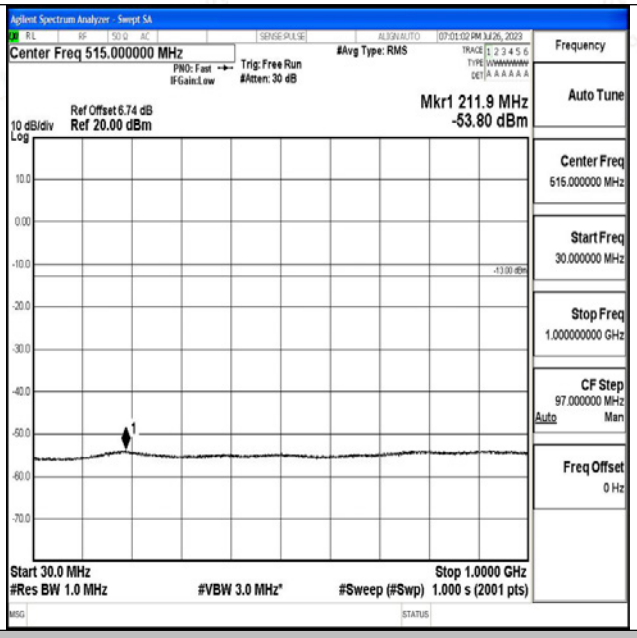
Test Graphs



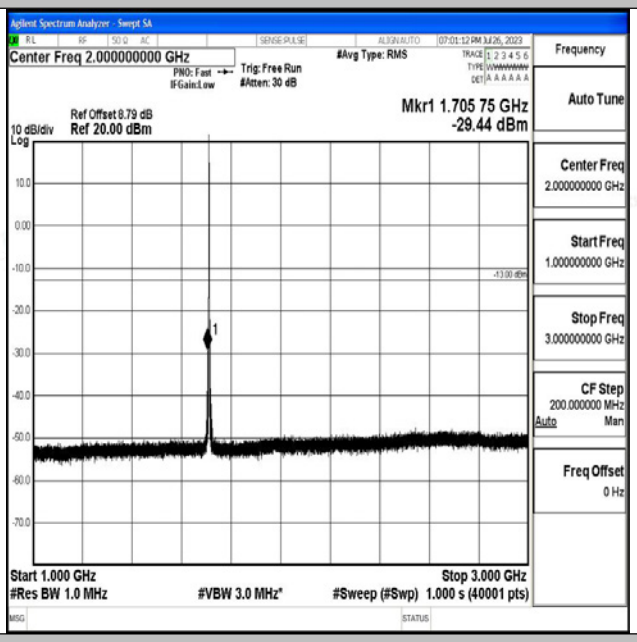
Band4_1.4MHz_QPSK_19957_1RB#0_0.009~0.15_0.009~0.15



Band4_1.4MHz_QPSK_19957_1RB#0_0.15~30_0.15~30



Band4_1.4MHz_QPSK_19957_1RB#0_30~1000_30~1000



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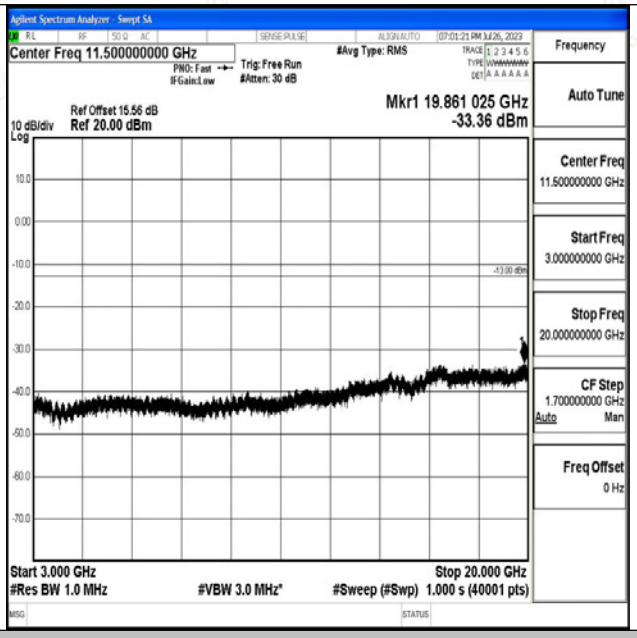
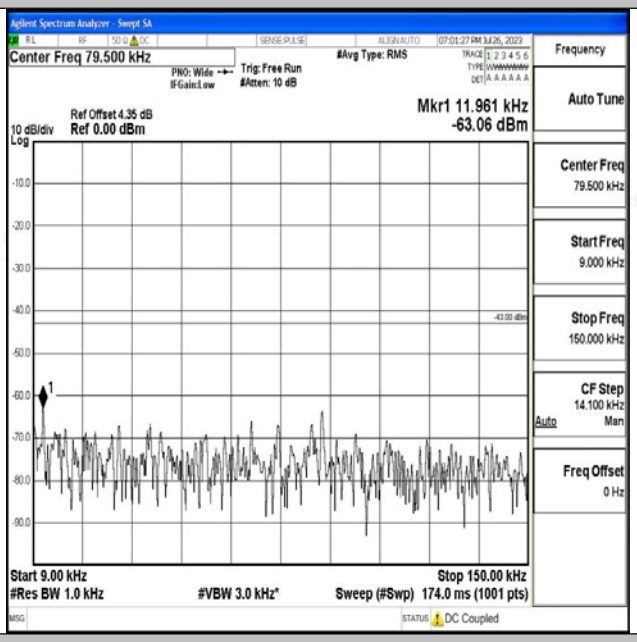


Band4_1.4MHz_QPSK_19957_1RB#0_3000~20000_3000~20000



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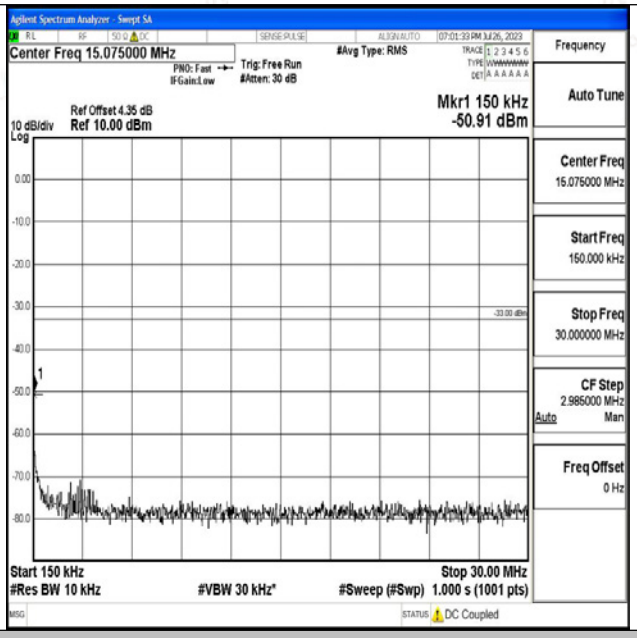
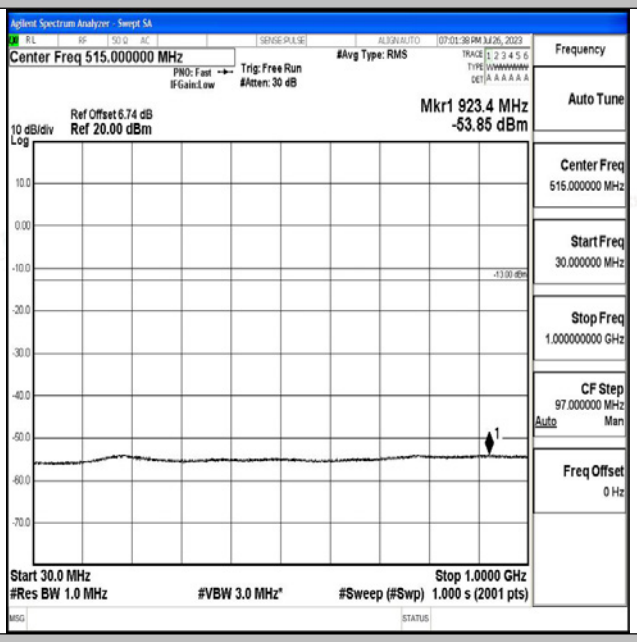


Band4_1.4MHz_16QAM_19957_1RB#0_0.15~30_0.15~30



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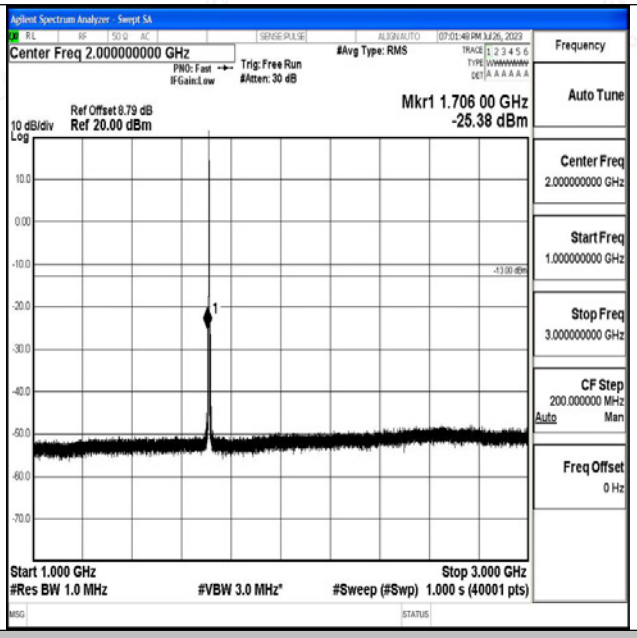

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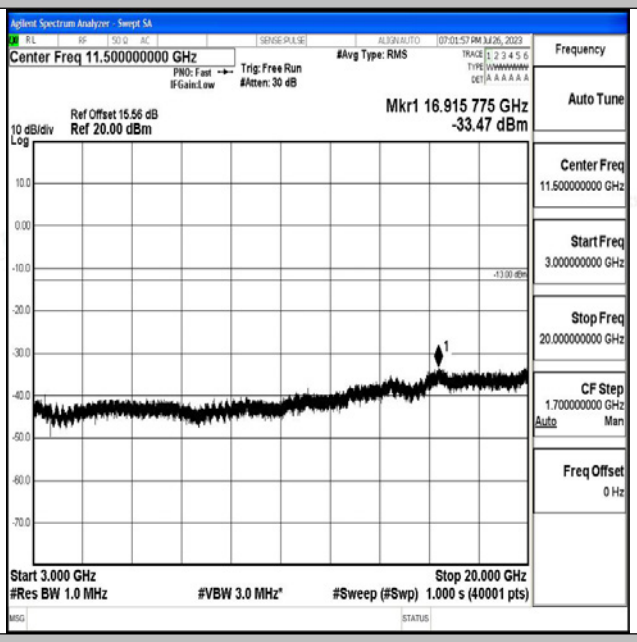

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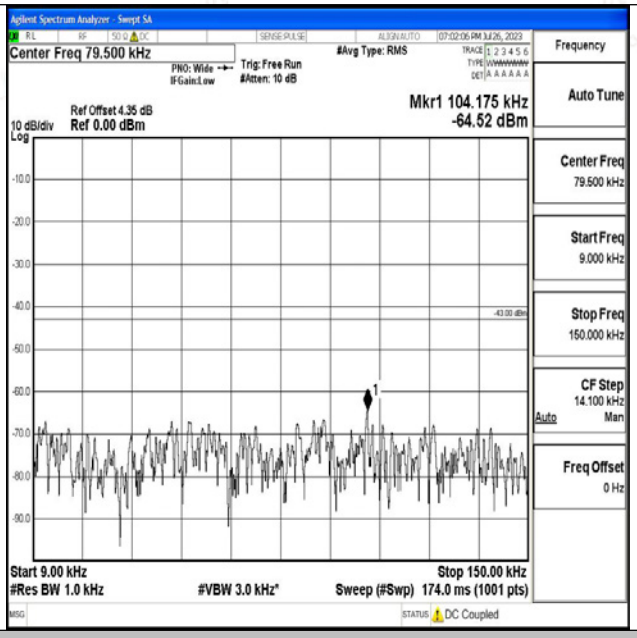

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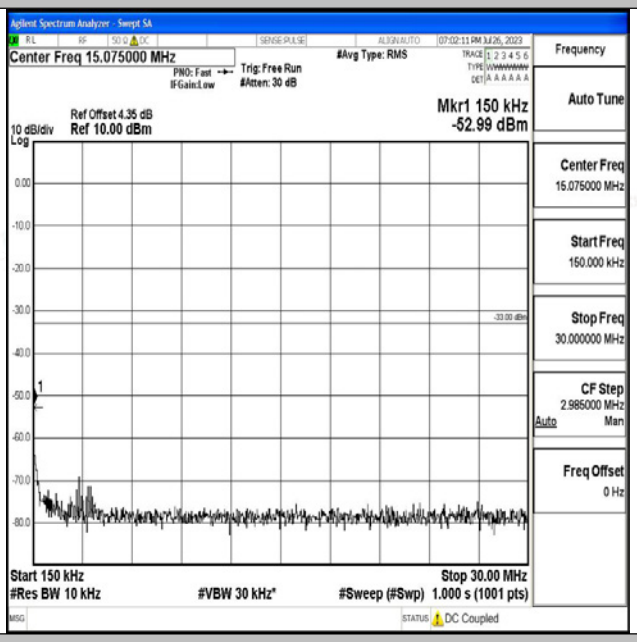

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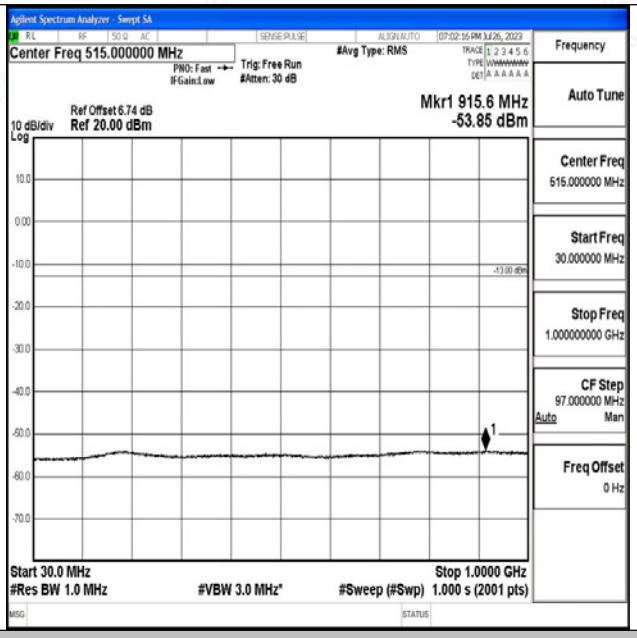
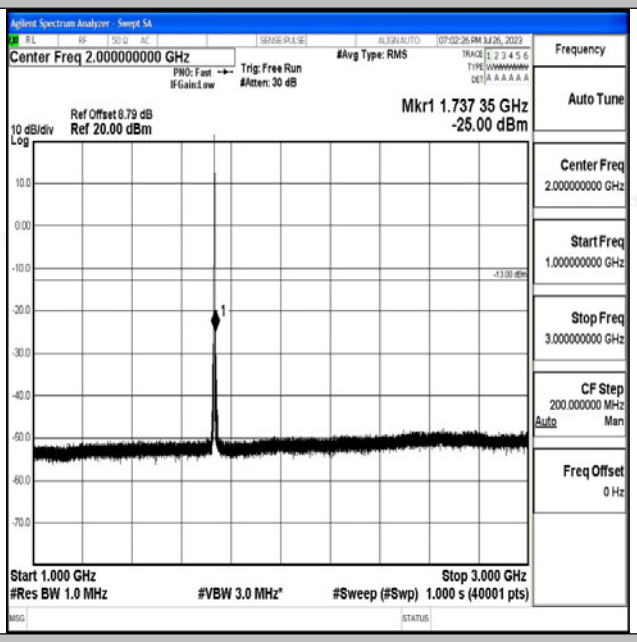
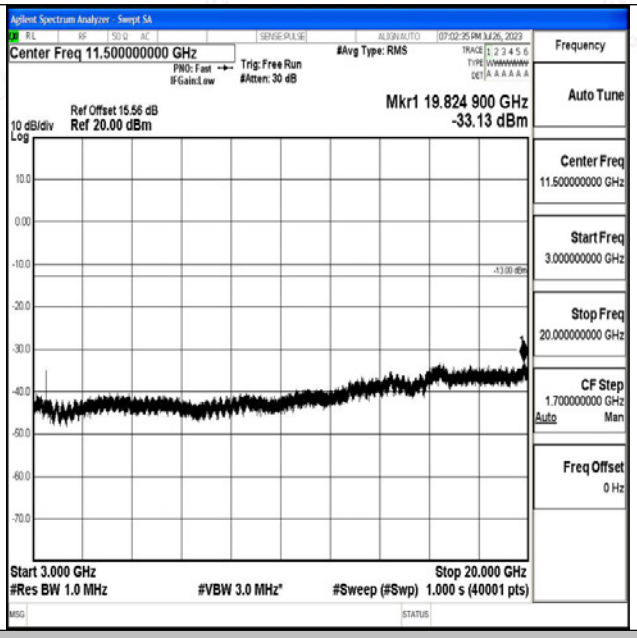


Band4_1.4MHz_QPSK_20175_1RB#0_30~1000_30~1000



Band4_1.4MHz_QPSK_20175_1RB#0_1000~3000_1000~3000



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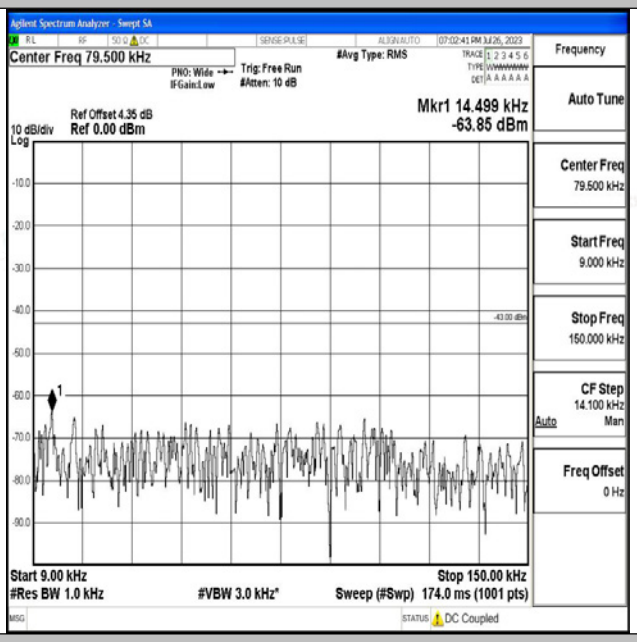

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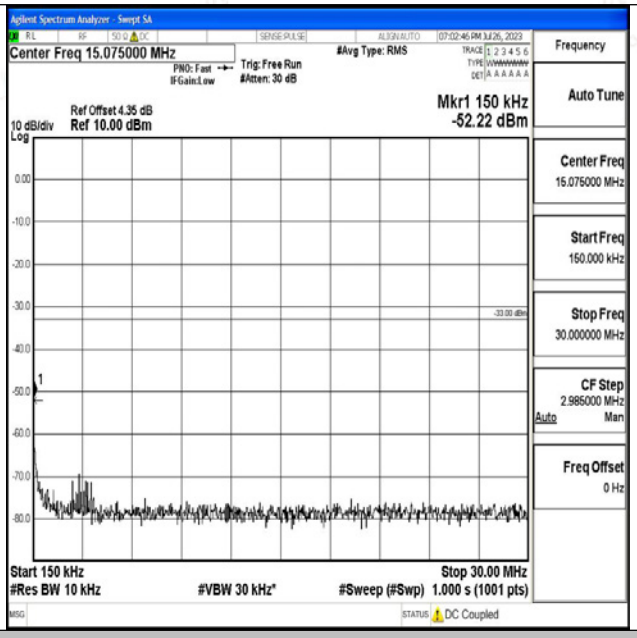

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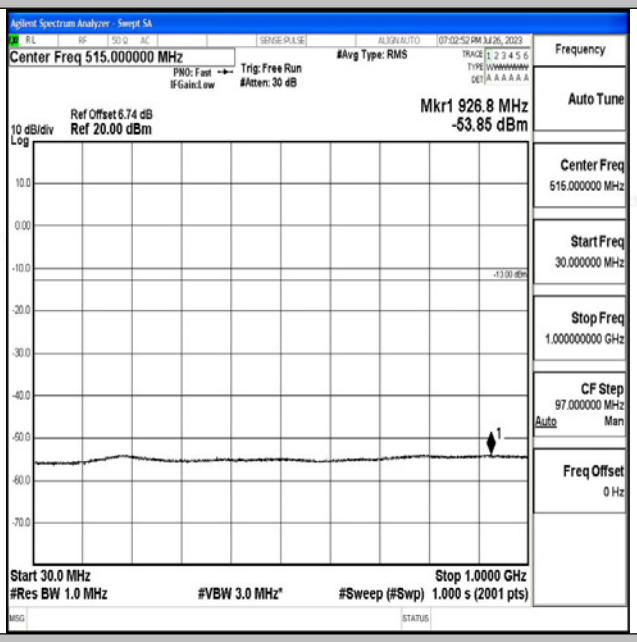
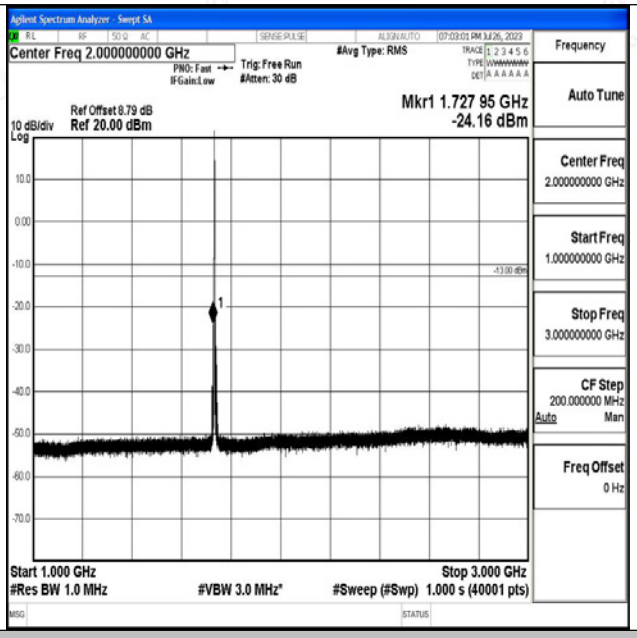
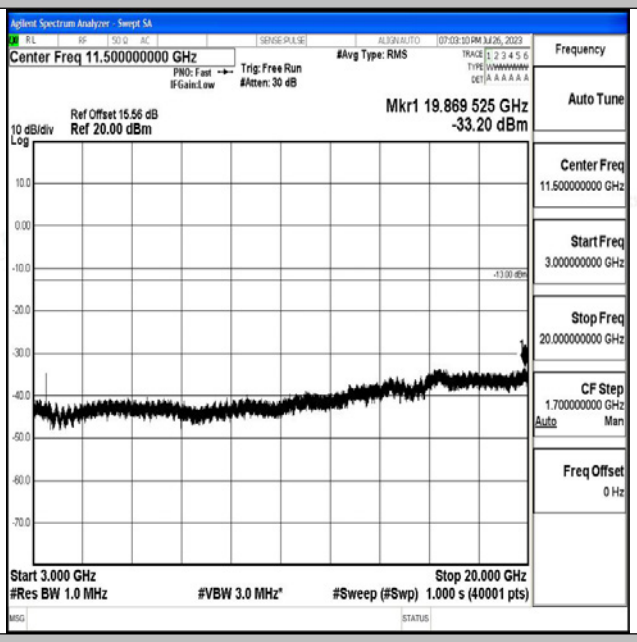


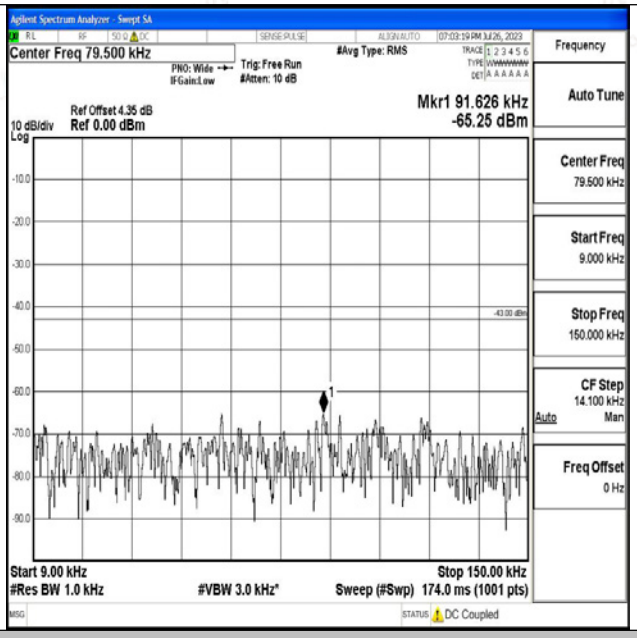
Band4_1.4MHz_16QAM_20175_1RB#0_30~1000_30~1000



Band4_1.4MHz_16QAM_20175_1RB#0_1000~3000_1000~3000



Band4_1.4MHz_16QAM_20175_1RB#0_3000~20000_3000~20000



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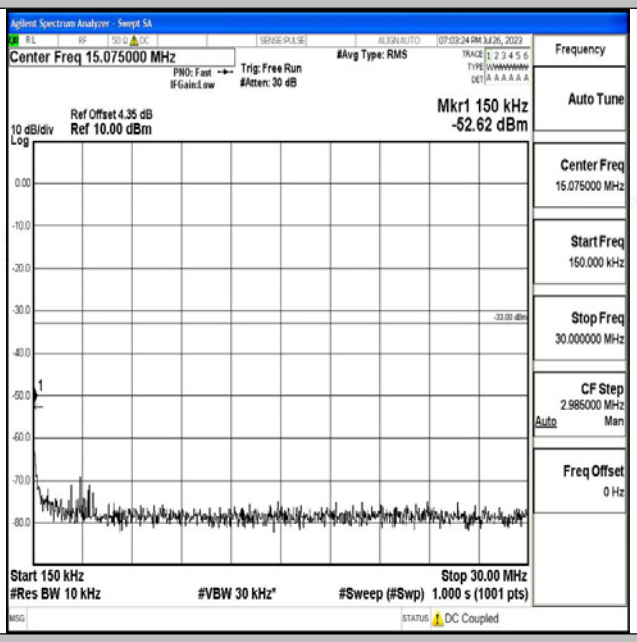
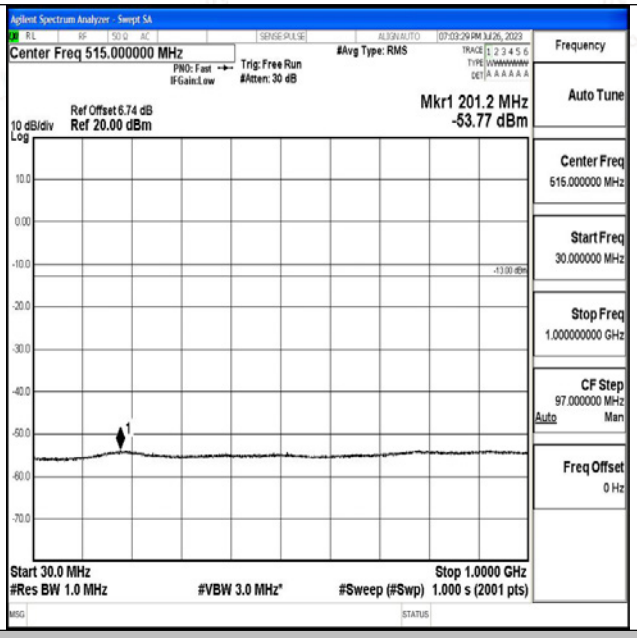


Band4_1.4MHz_QPSK_20393_1RB#0_0.15~30_0.15~30



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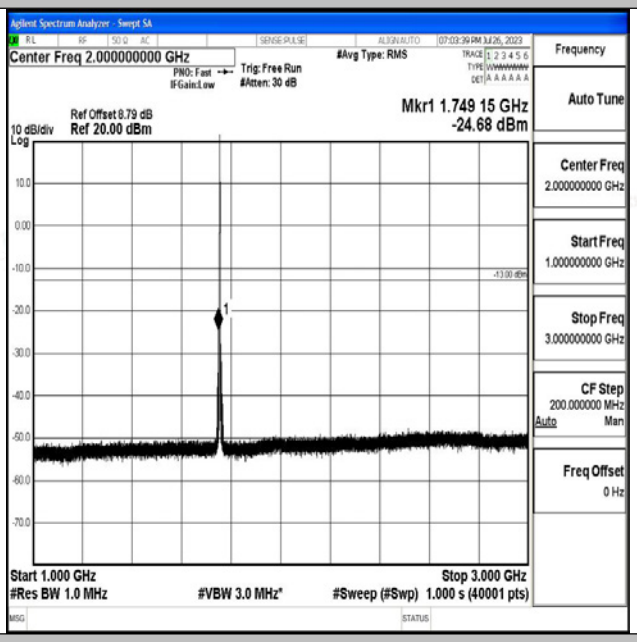

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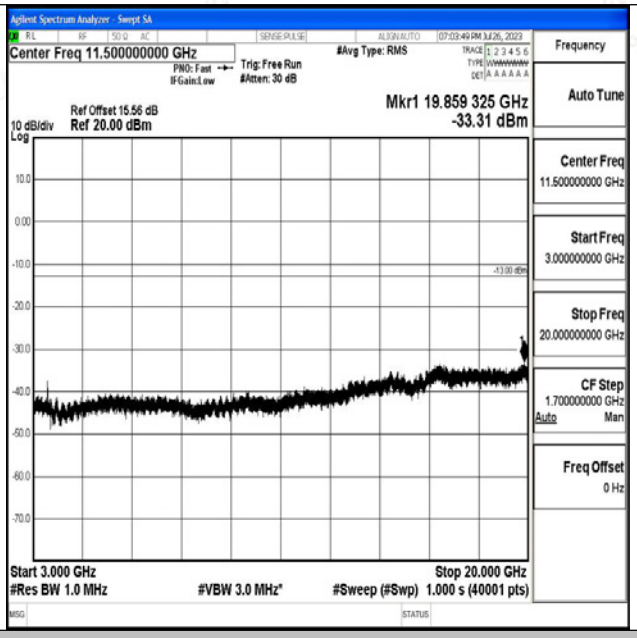
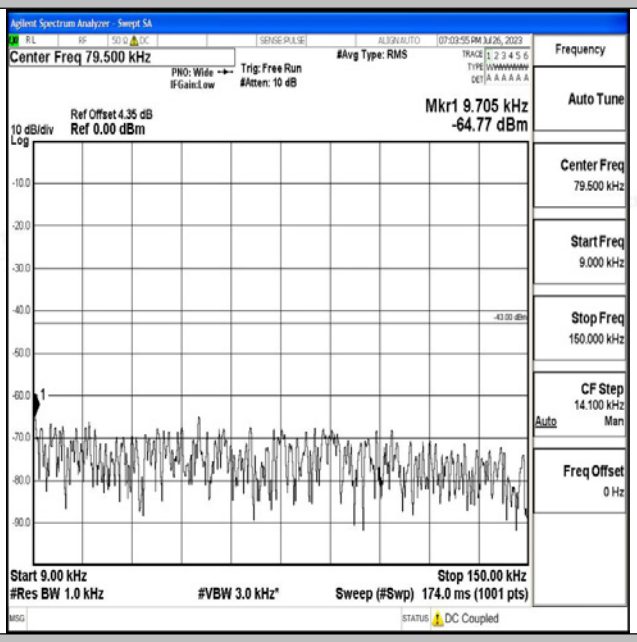
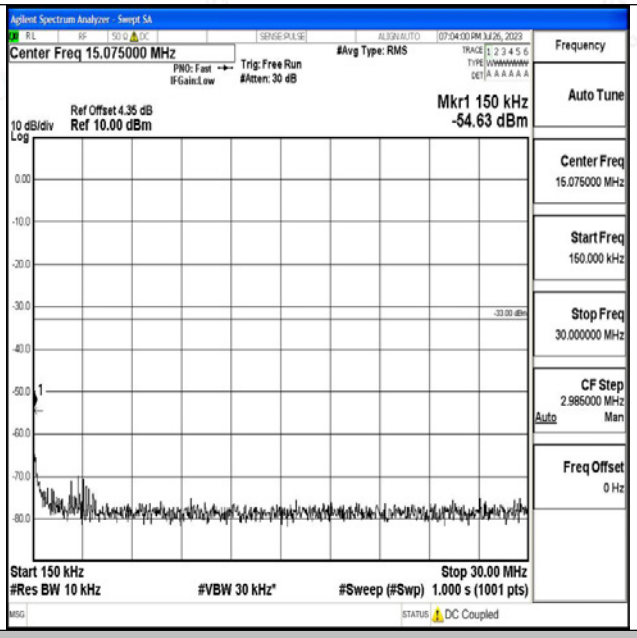


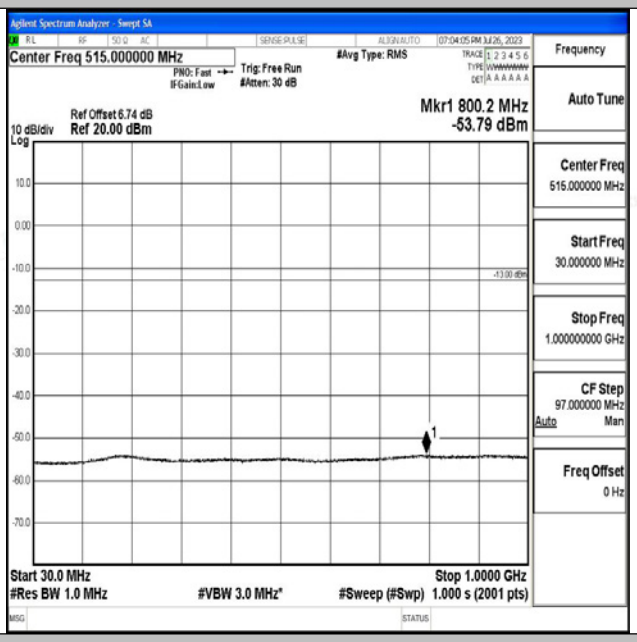
Band4_1.4MHz_QPSK_20393_1RB#0_3000~20000_3000~20000



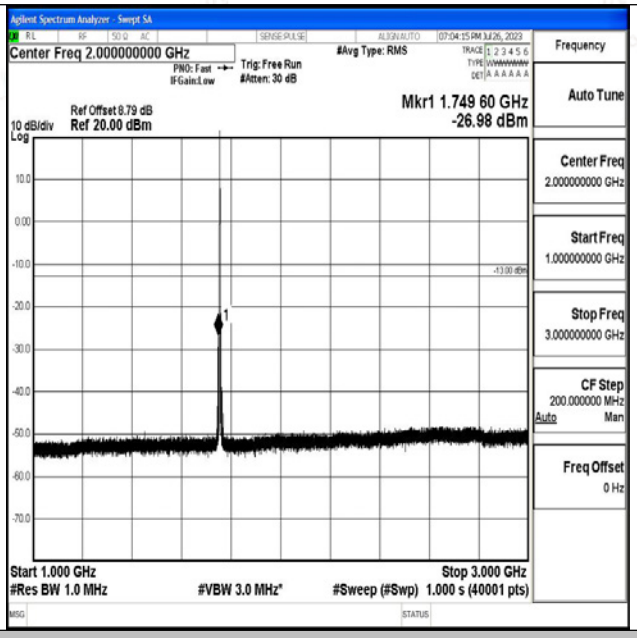
Band4_1.4MHz_16QAM_20393_1RB#0_0.009~0.15_0.009~0.15



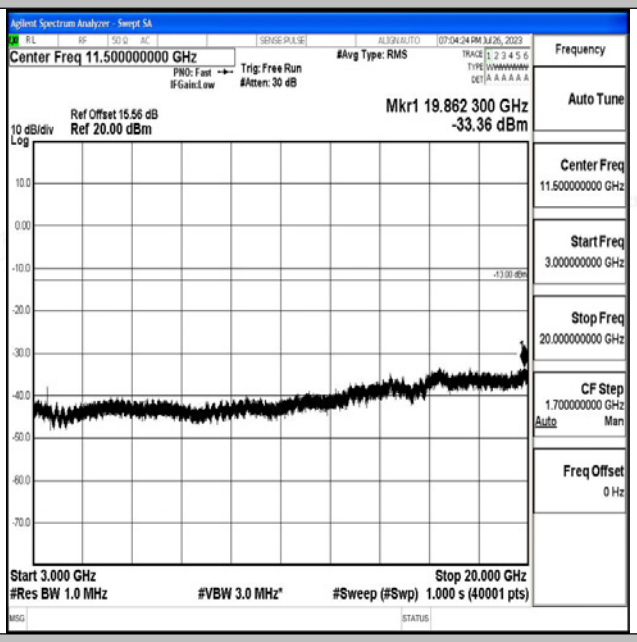
Band4_1.4MHz_16QAM_20393_1RB#0_0.15~30_0.15~30



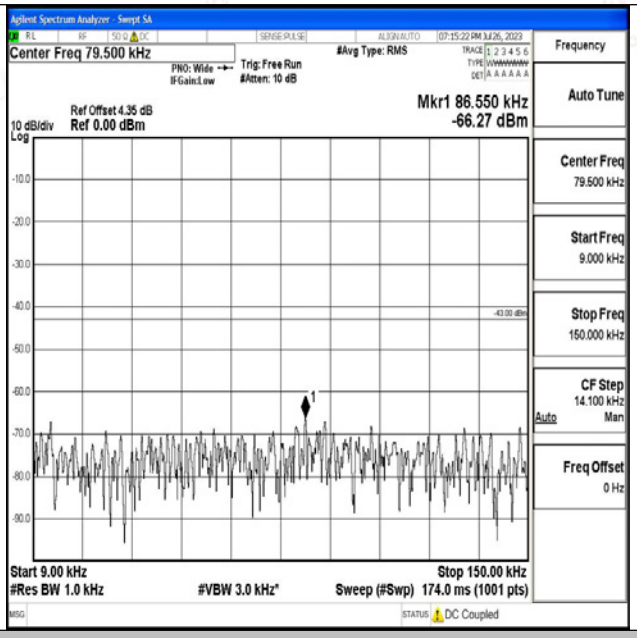
Band4_1.4MHz_16QAM_20393_1RB#0_30~1000_30~1000



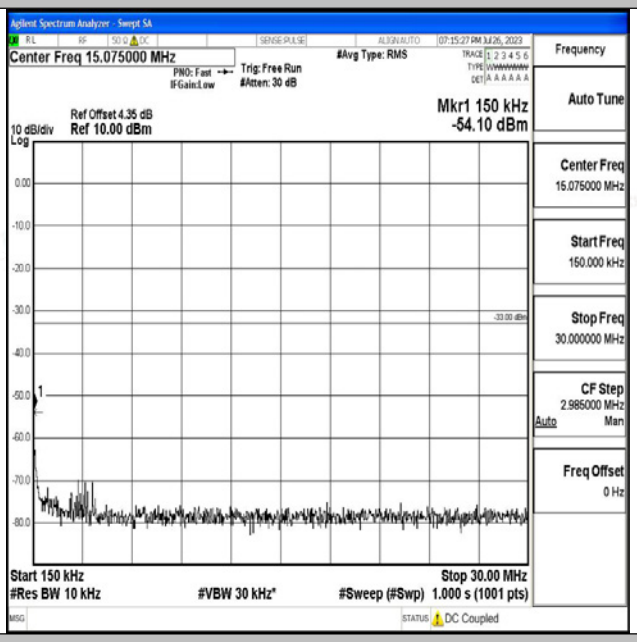
Band4_1.4MHz_16QAM_20393_1RB#0_1000~3000_1000~3000



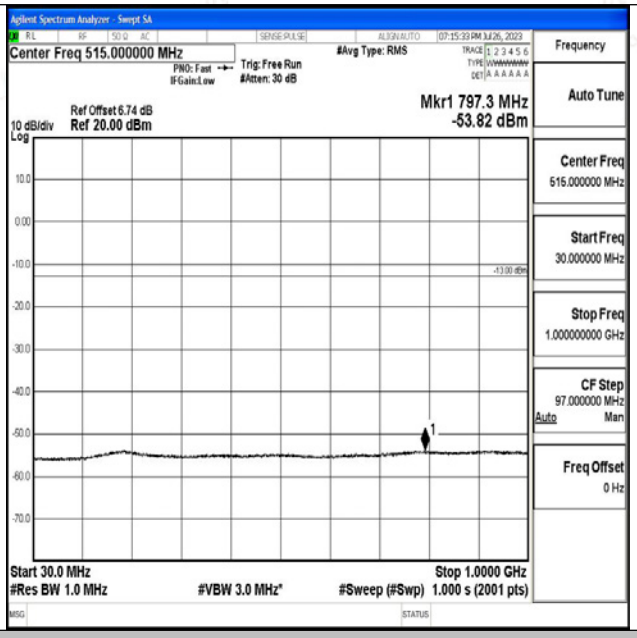
Band4_1.4MHz_16QAM_20393_1RB#0_3000~20000_3000~20000



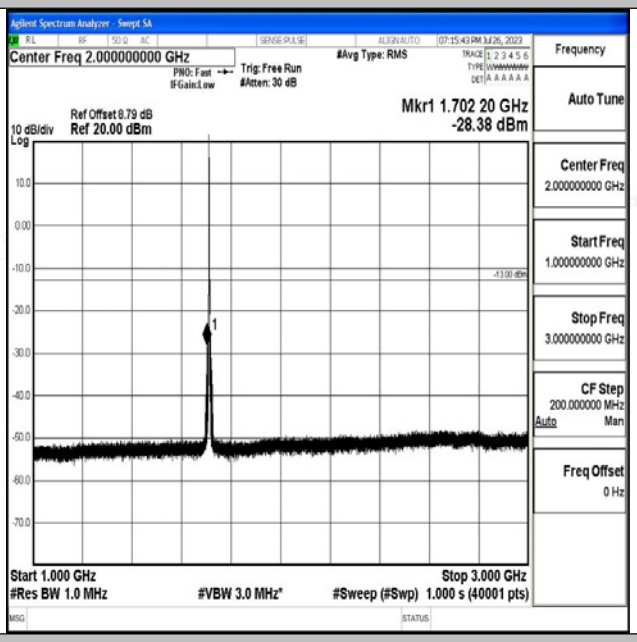
Band4_3MHz_QPSK_19965_1RB#0_0.009~0.15_0.009~0.15



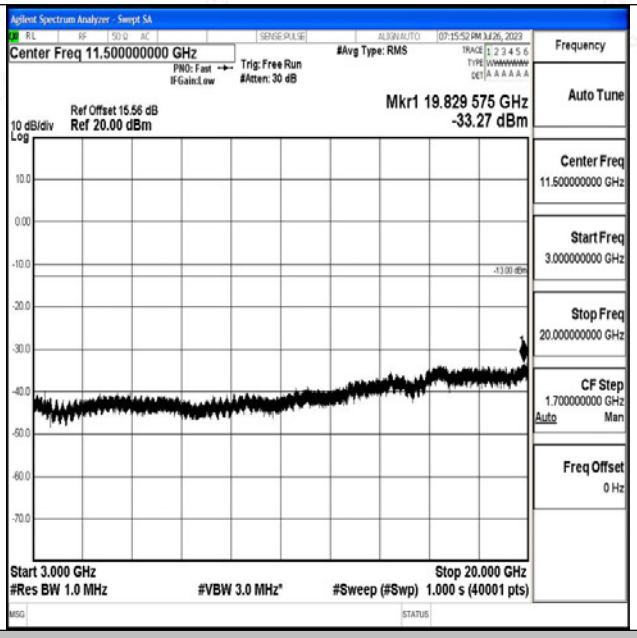
Band4_3MHz_QPSK_19965_1RB#0_0.15~30_0.15~30



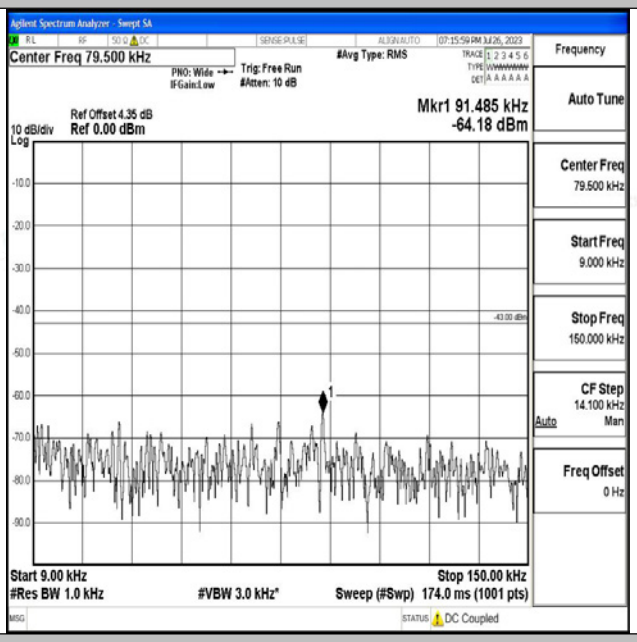
Band4_3MHz_QPSK_19965_1RB#0_30~1000_30~1000



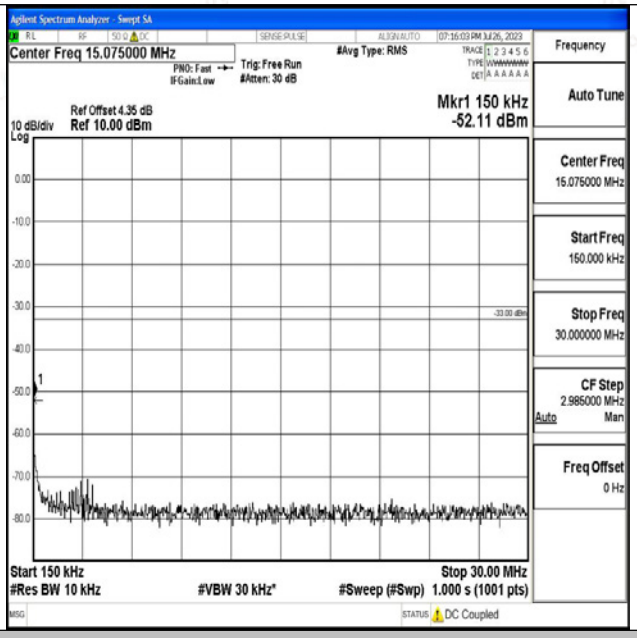
Band4_3MHz_QPSK_19965_1RB#0_1000~3000_1000~3000



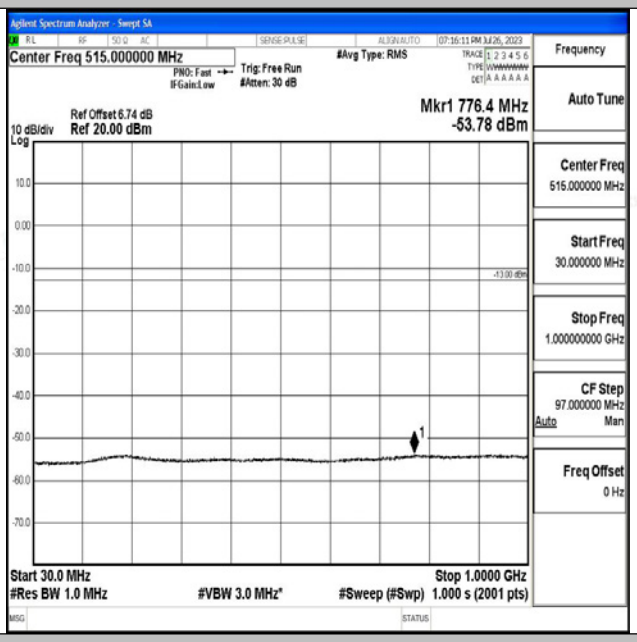
Band4_3MHz_QPSK_19965_1RB#0_3000~20000_3000~20000



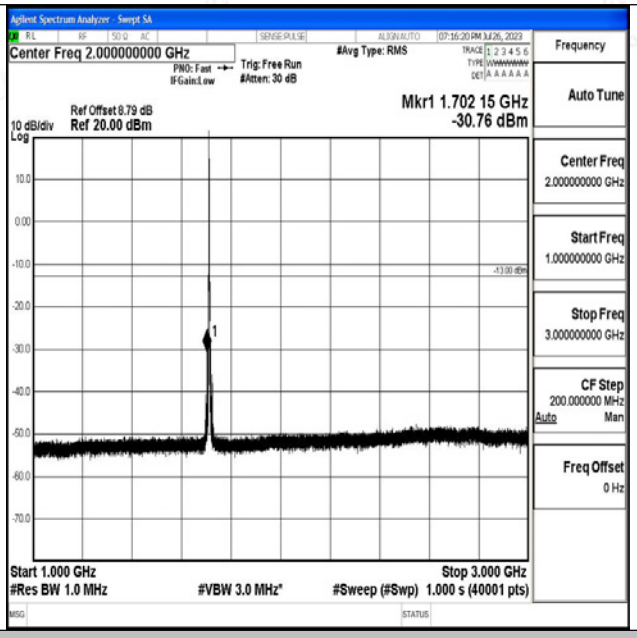
Band4_3MHz_16QAM_19965_1RB#0_0.009~0.15_0.009~0.15



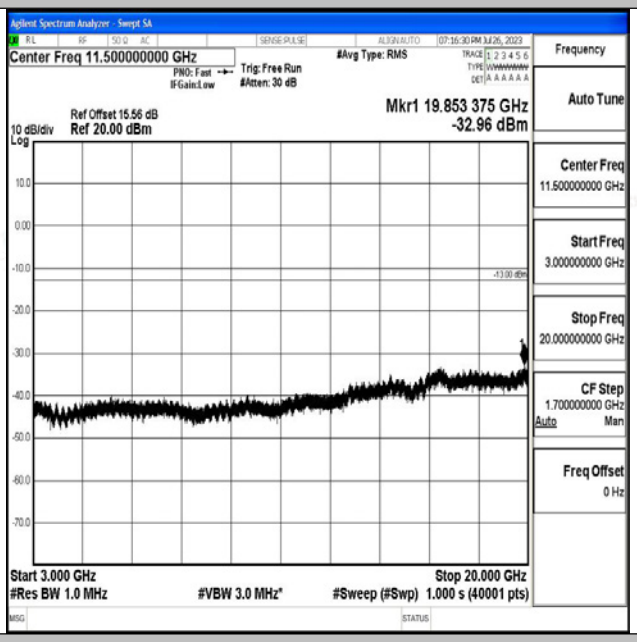
Band4_3MHz_16QAM_19965_1RB#0_0.15~30_0.15~30



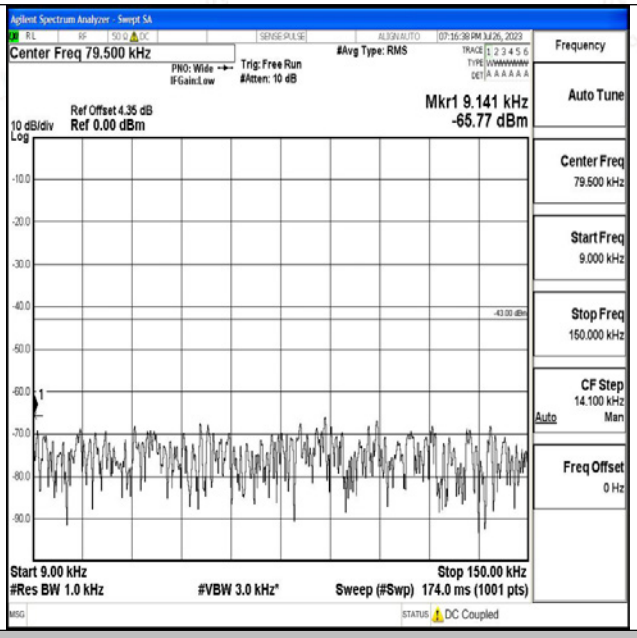
Band4_3MHz_16QAM_19965_1RB#0_30~1000_30~1000



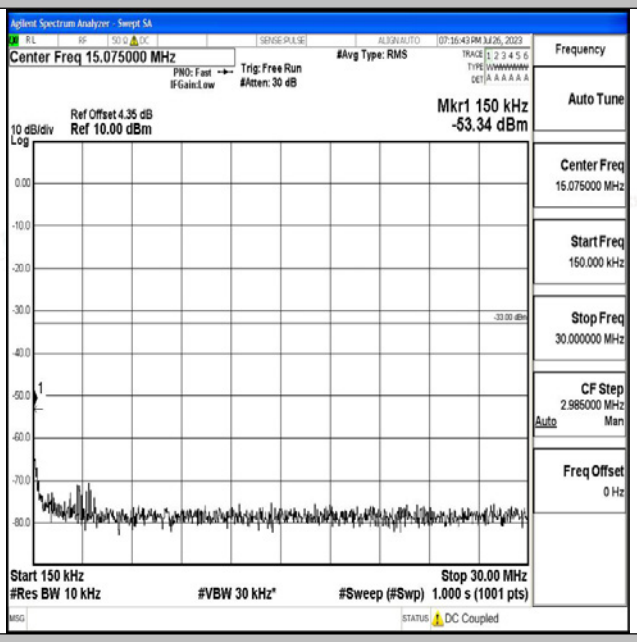
Band4_3MHz_16QAM_19965_1RB#0_1000~3000_1000~3000



Band4_3MHz_16QAM_19965_1RB#0_3000~20000_3000~20000



Band4_3MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15



Band4_3MHz_QPSK_20175_1RB#0_0.15~30_0.15~30