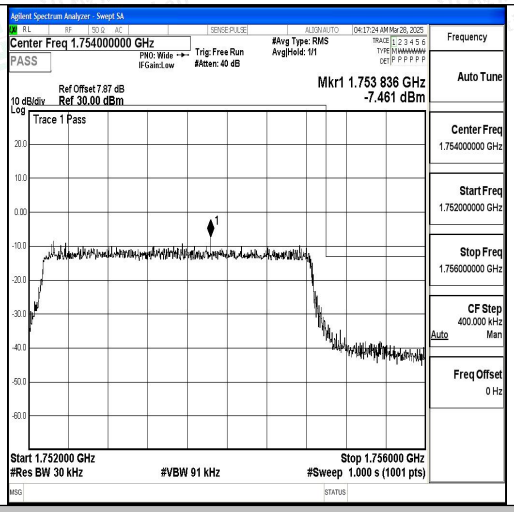
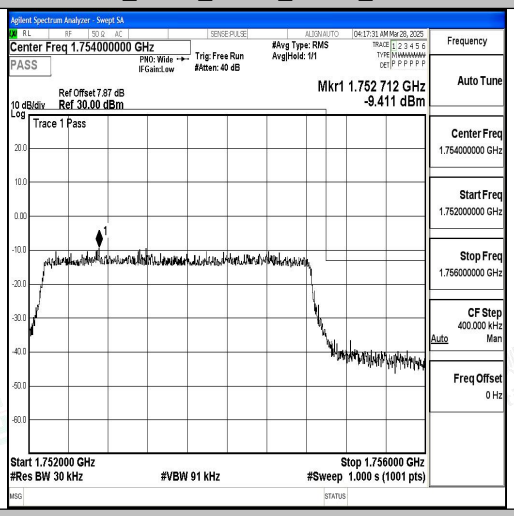
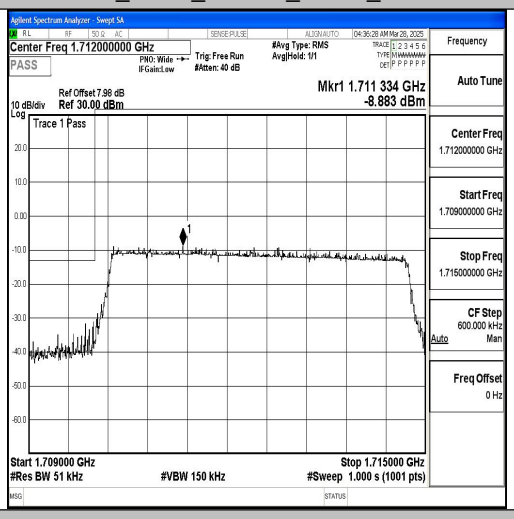


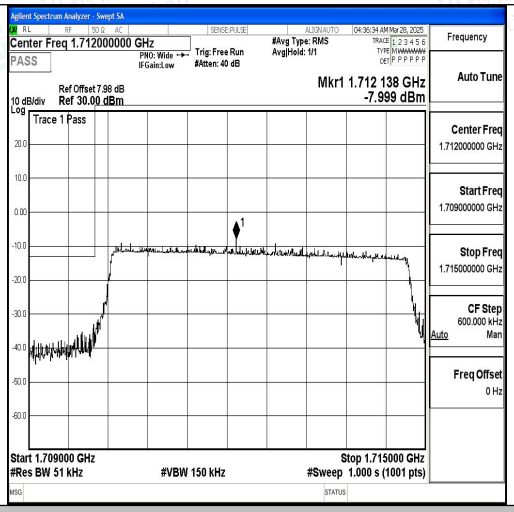
Band4_3MHz_QPSK_20385_15RB#0



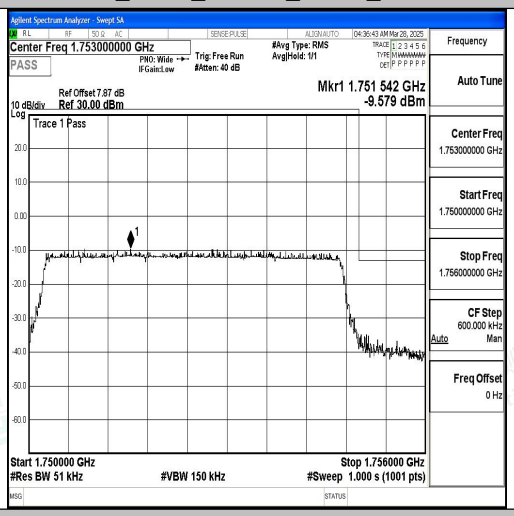
Band4_3MHz_16QAM_20385_15RB#0



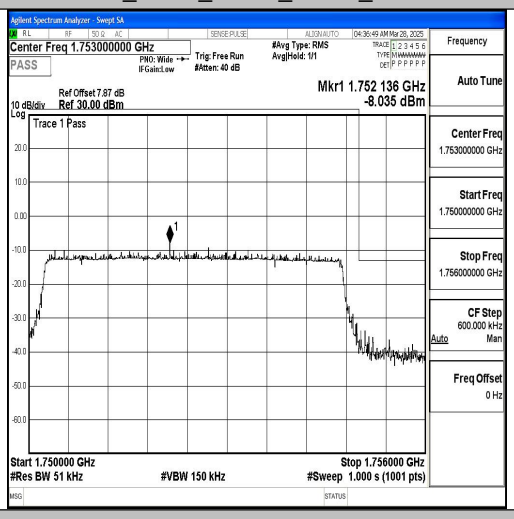
Band4_5MHz_QPSK_19975_25RB#0



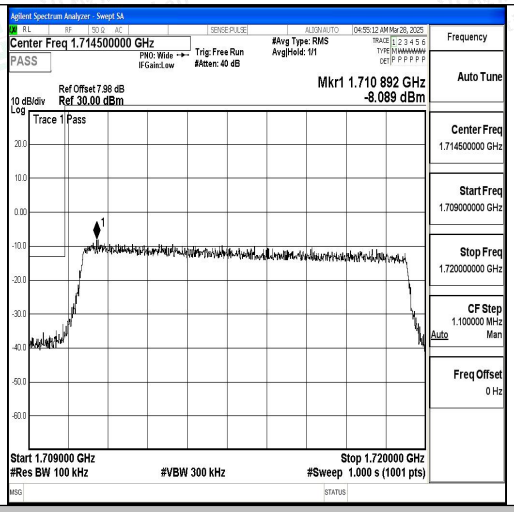
Band4_5MHz_16QAM_19975_25RB#0



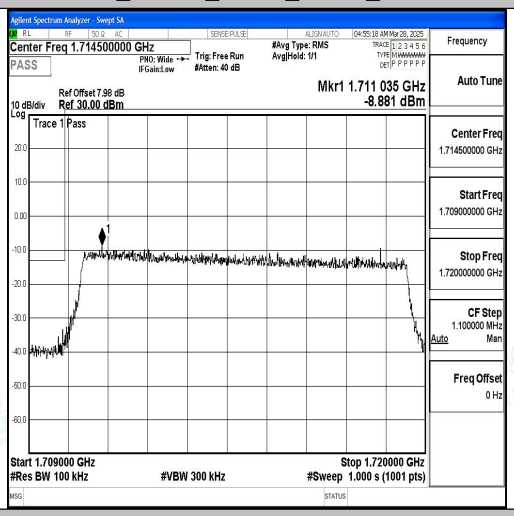
Band4_5MHz_QPSK_20375_25RB#0



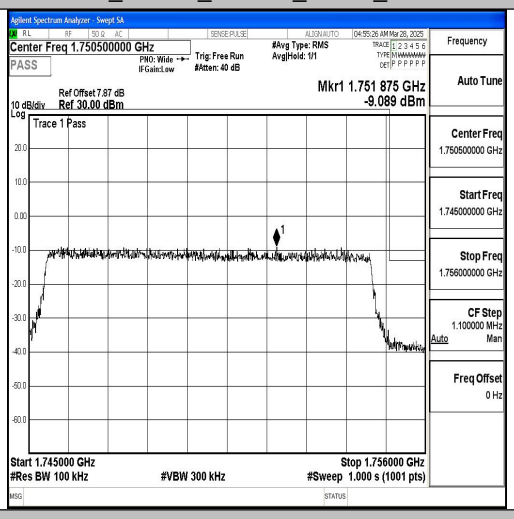
Band4_5MHz_16QAM_20375_25RB#0



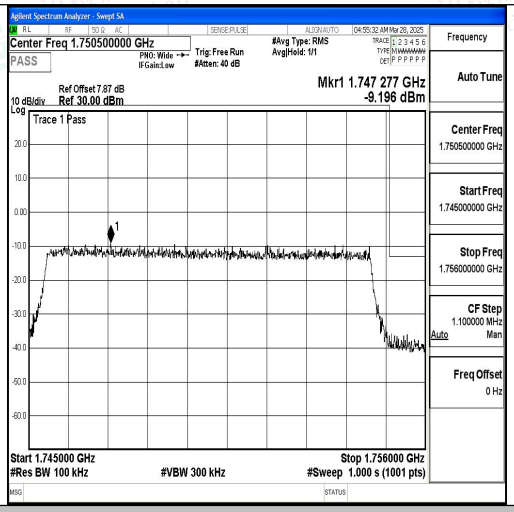
Band4_10MHz_QPSK_20000_50RB#0



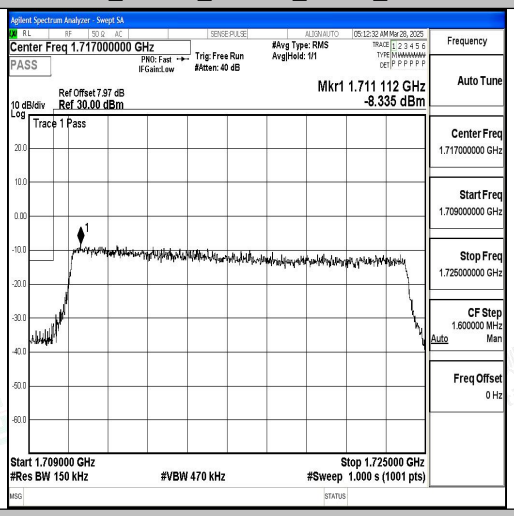
Band4_10MHz_16QAM_20000_50RB#0



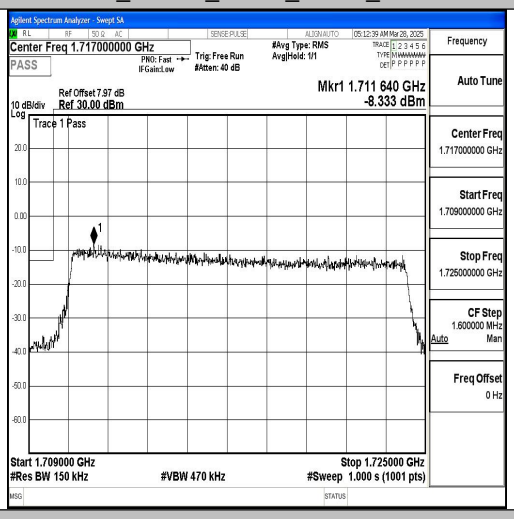
Band4_10MHz_QPSK_20350_50RB#0



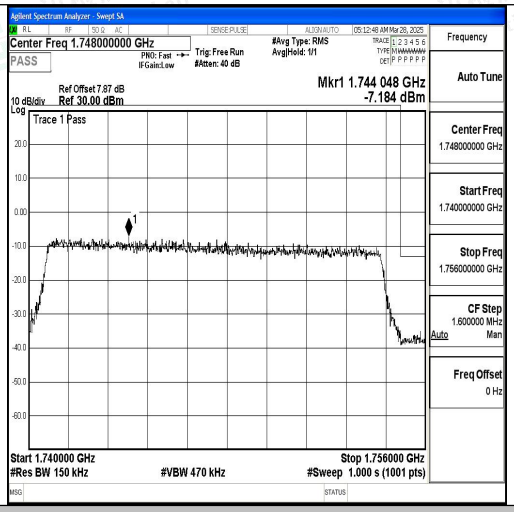
Band4_10MHz_16QAM_20350_50RB#0



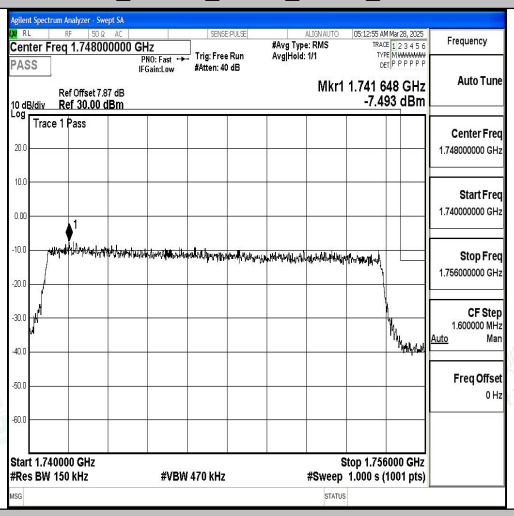
Band4_15MHz_QPSK_20025_75RB#0



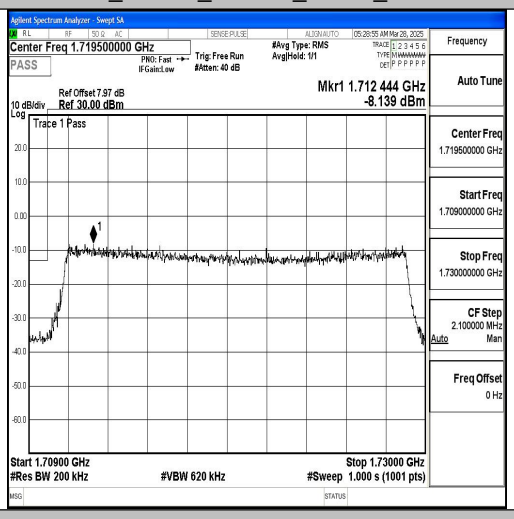
Band4_15MHz_16QAM_20025_75RB#0



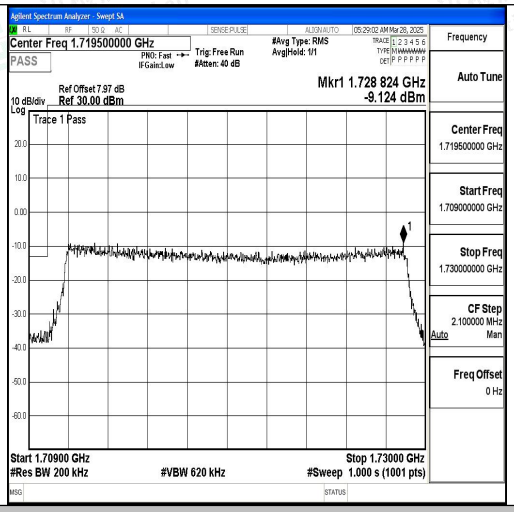
Band4_15MHz_QPSK_20325_75RB#0



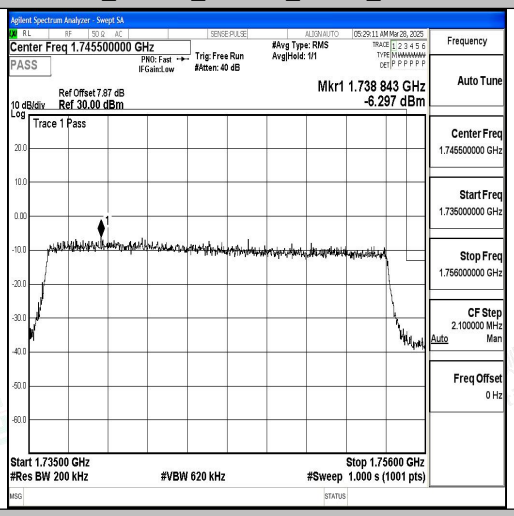
Band4_15MHz_16QAM_20325_75RB#0



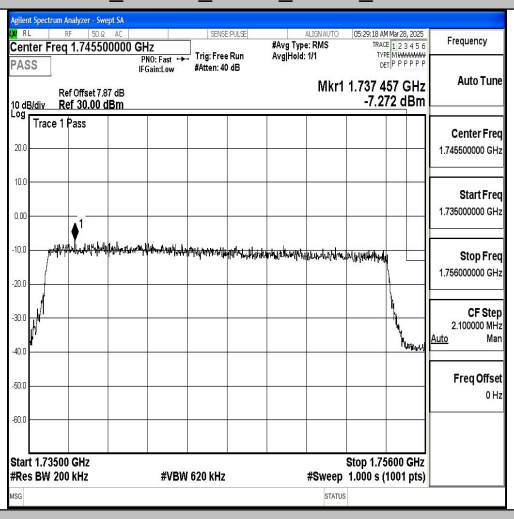
Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_16QAM_20050_100RB#0



Band4_20MHz_QPSK_20300_100RB#0



Band4_20MHz_16QAM_20300_100RB#0

E.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	-57.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	-46.17	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-52.56	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	-26.06	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	-24.41	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	-59.53	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	-47.49	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-53.20	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	-27.86	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	-25.11	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	-57.06	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	-47.91	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-52.43	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	-24.66	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	-24.29	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	-53.17	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	-45.34	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-52.23	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	-31.33	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	-24.66	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	-57.19	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	-42.55	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-52.97	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	-25.39	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	-24.47	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	-56.15	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	-44.16	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-53.18	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	-29.56	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	-24.77	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	-55.06	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	-46.55	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	-52.28	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	-27.22	PASS
Band4	3MHz	QPSK	19965	1RB#0	3000~20000	-24.77	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	-57.82	PASS

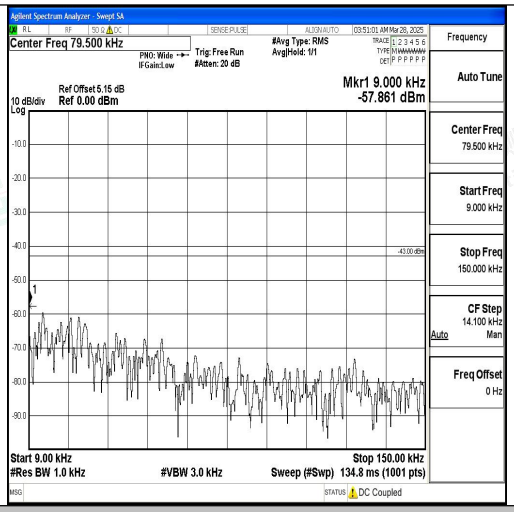
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	-44.14	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000	-50.33	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	-29.15	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	-24.82	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	-57.51	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	-47.88	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	-52.91	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	-29.51	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	-24.65	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	-57.42	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	-47.81	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	-52.48	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	-29.37	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	-24.05	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	-56.80	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	-46.41	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	-52.29	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	-29.57	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	-24.91	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	-58.89	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	-47.69	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	-52.66	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	-28.90	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	-24.98	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	-60.43	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	-46.49	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	-53.07	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	-38.88	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	-24.42	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	-57.35	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	-46.17	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	-52.43	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	-39.26	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	-24.68	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	-53.84	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	-45.37	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	-52.86	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	-38.93	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	-24.71	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	-56.33	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	-44.81	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000	-52.79	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	-38.92	PASS

Band4	5MHz	16QAM	20175	1RB#0	3000~20000	-24.75	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	-53.45	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	-43.40	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	-52.53	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	-39.03	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	-24.83	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	-58.99	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	-47.08	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	-52.58	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	-39.41	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	-24.34	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	-55.61	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	-44.90	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	-52.88	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	-38.92	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	-24.33	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	-57.90	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	-43.77	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	-53.37	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	-38.95	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	-23.89	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	-56.48	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	-47.61	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	-52.98	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	-39.27	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	-24.91	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	-56.92	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	-45.09	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	-52.96	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	-38.54	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	-24.87	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	-58.63	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	-45.81	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	-52.32	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	-38.48	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	-24.71	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	-55.19	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.15~30	-47.20	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	-52.95	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	-38.71	PASS
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	-24.26	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	-55.14	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	-45.50	PASS

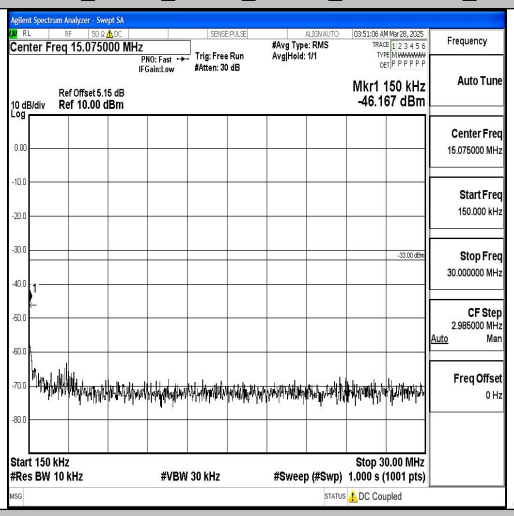
Band4	15MHz	QPSK	20025	1RB#0	30~1000	-52.49	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~3000	-39.53	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	-25.01	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	-57.57	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	-47.91	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	-52.97	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	-39.56	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	-24.71	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	-58.67	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	-45.13	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	-51.58	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	-38.63	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	-25.26	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	-53.44	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	-45.97	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	-53.46	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	-38.70	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	-24.84	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	-60.94	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	-47.21	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	-53.17	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	-38.83	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	-24.49	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	-57.48	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	-45.63	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	-53.24	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	-38.88	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	-24.99	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	-59.61	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	-44.42	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-53.01	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	-38.81	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	-24.69	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	-59.79	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	-46.77	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-52.60	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	-39.25	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	-24.76	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	-59.25	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.15~30	-43.87	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-52.96	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	-38.31	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	-24.64	PASS

Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	-60.69	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.15~30	-48.54	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	-53.49	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~3000	-38.98	PASS
Band4	20MHz	16QAM	20175	1RB#0	3000~20000	-24.83	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	-58.01	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	-47.96	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-53.48	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	-39.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	-25.01	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.009~0.15	-55.80	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.15~30	-44.55	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	-53.40	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~3000	-38.98	PASS
Band4	20MHz	16QAM	20300	1RB#0	3000~20000	-24.86	PASS

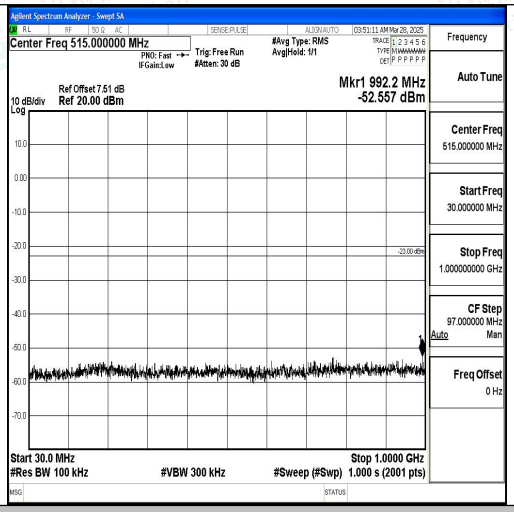
Test Graphs



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



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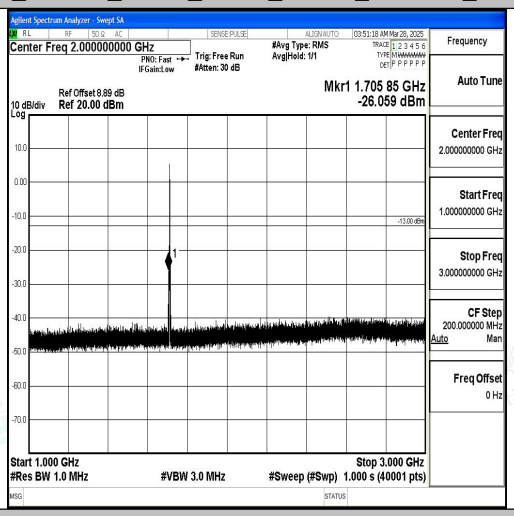

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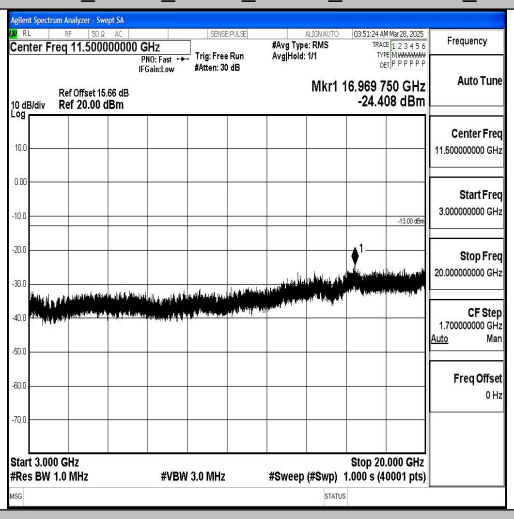

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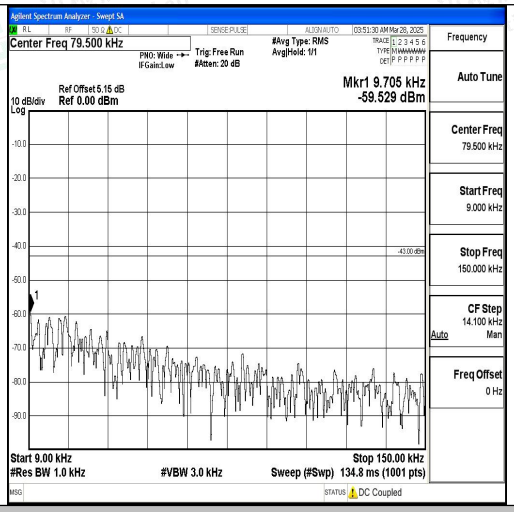

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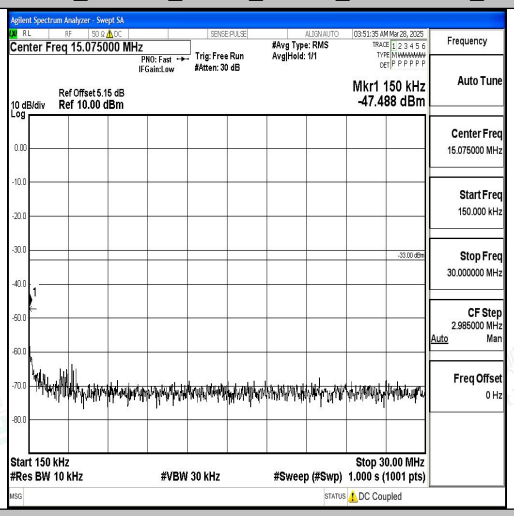

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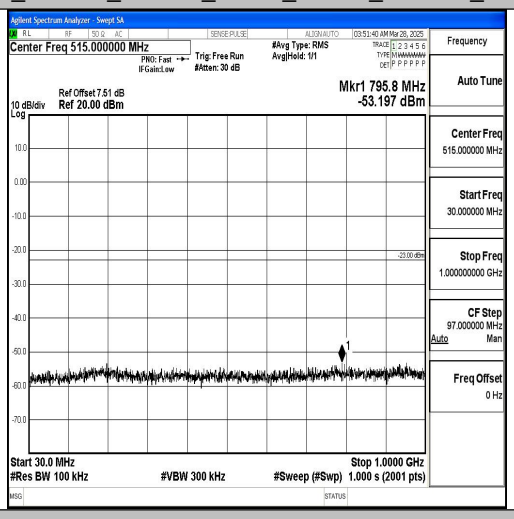

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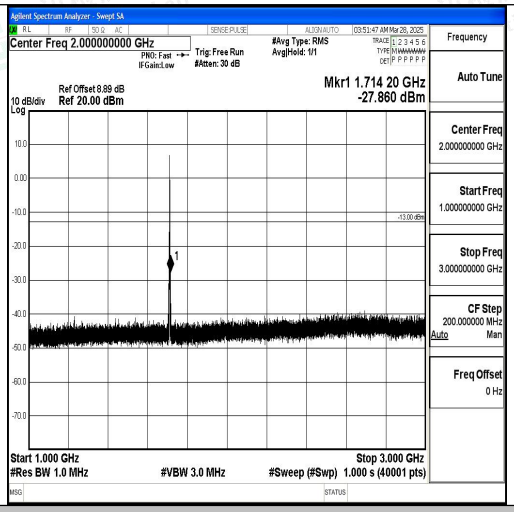

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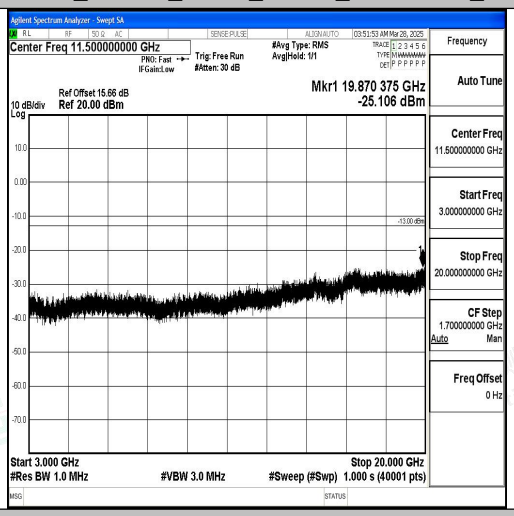
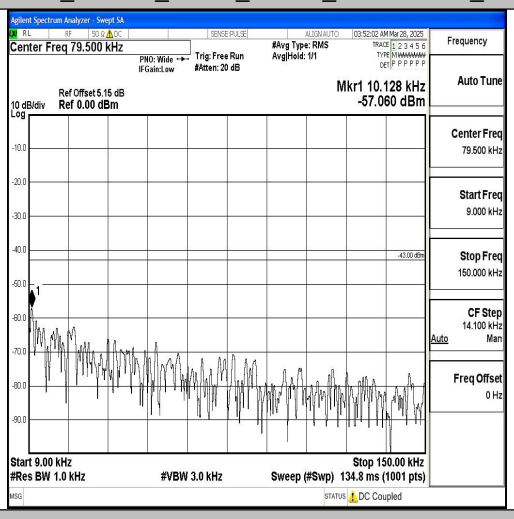
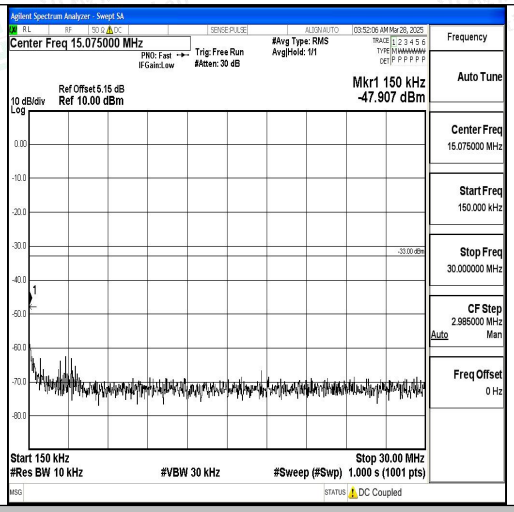


Band4_1.4MHz_16QAM_19957_1RB#0_3000~20000_3000~20000



Band4_1.4MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15



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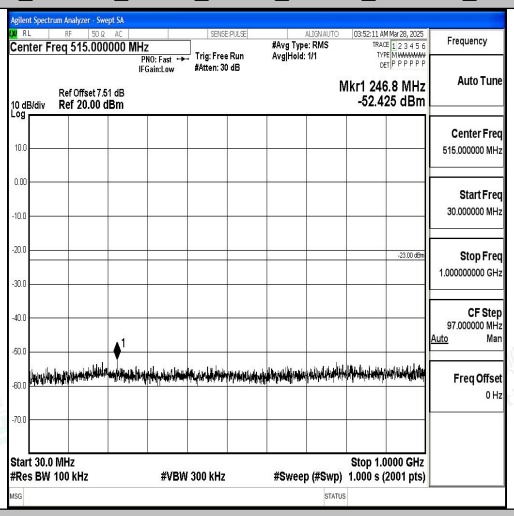

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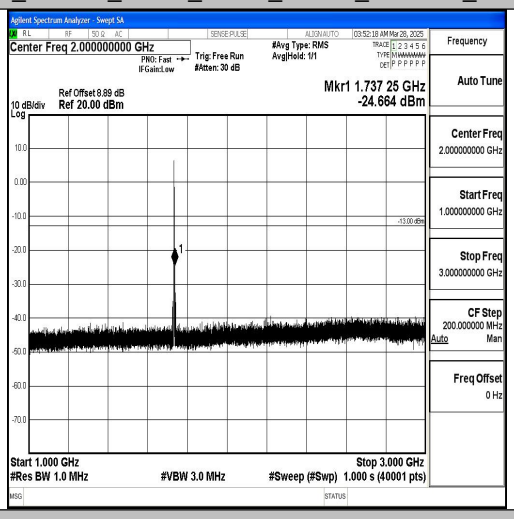
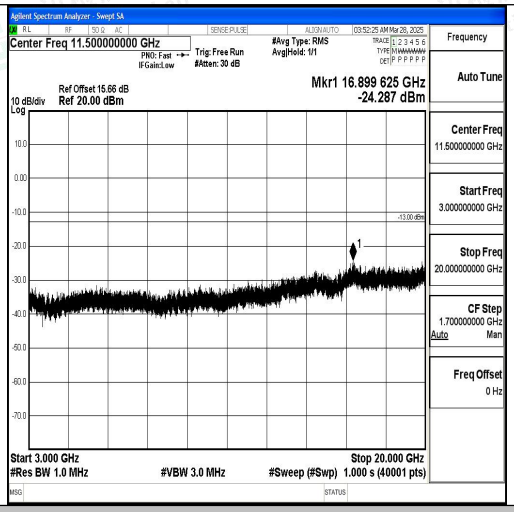
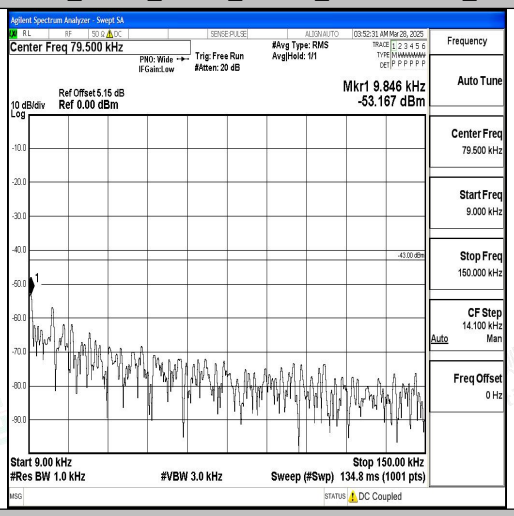


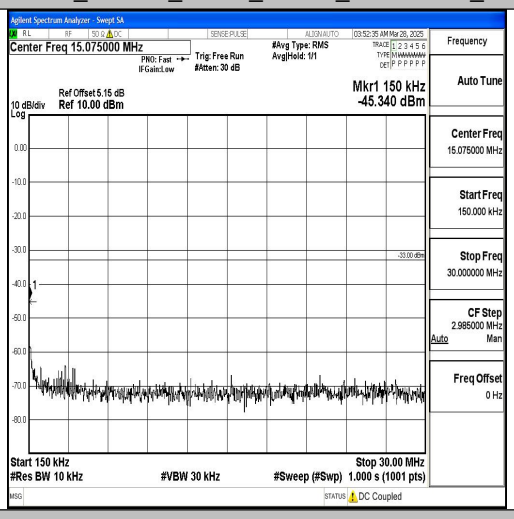
Band4_1.4MHz_QPSK_20175_1RB#0_1000~3000_1000~3000



Band4_1.4MHz_QPSK_20175_1RB#0_3000~20000_3000~20000



Band4_1.4MHz_16QAM_20175_1RB#0_0.009~0.15_0.009~0.15



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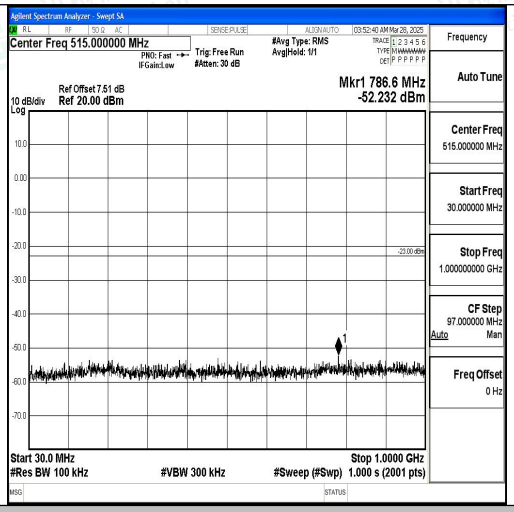
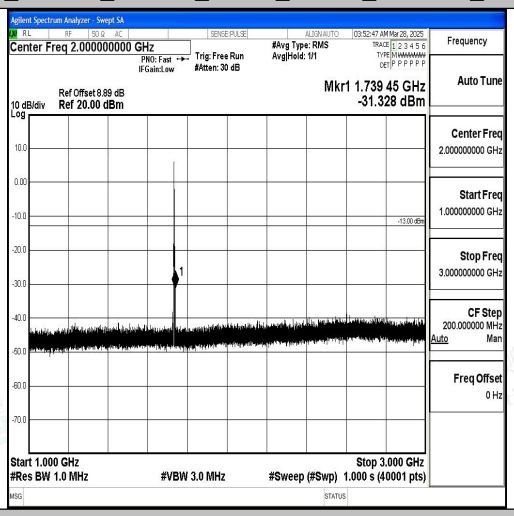
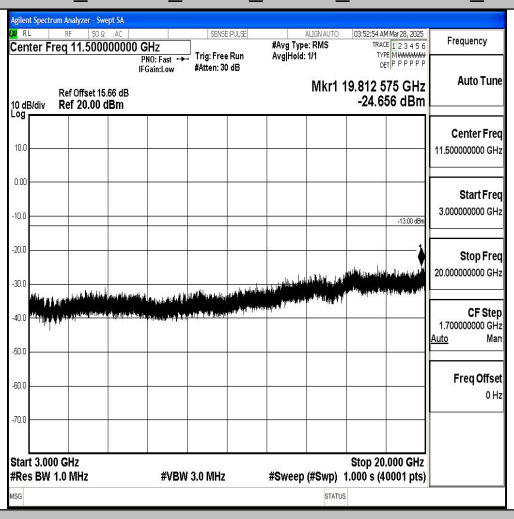


Band4_1.4MHz_16QAM_20175_1RB#0_30~1000_30~1000



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



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