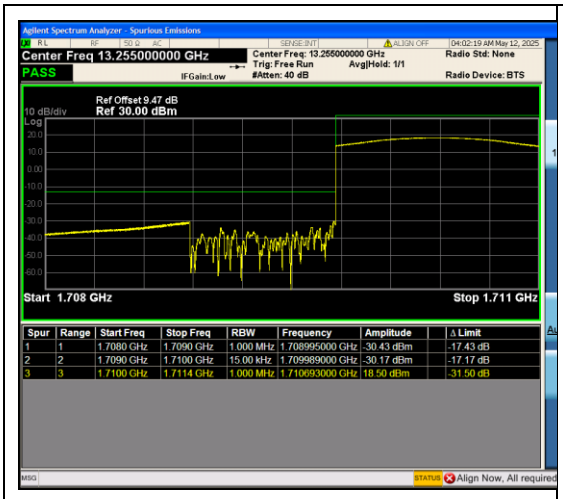
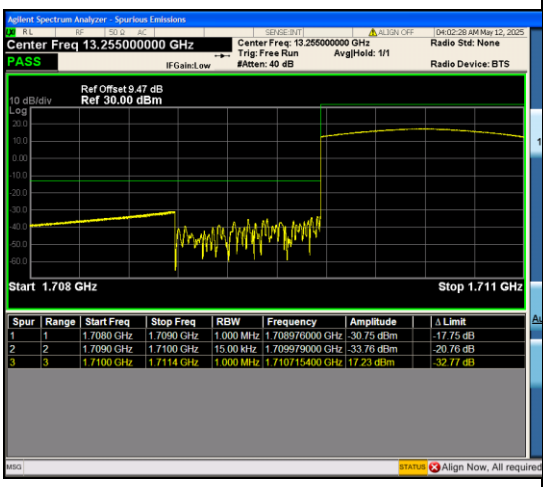
Test Graphs

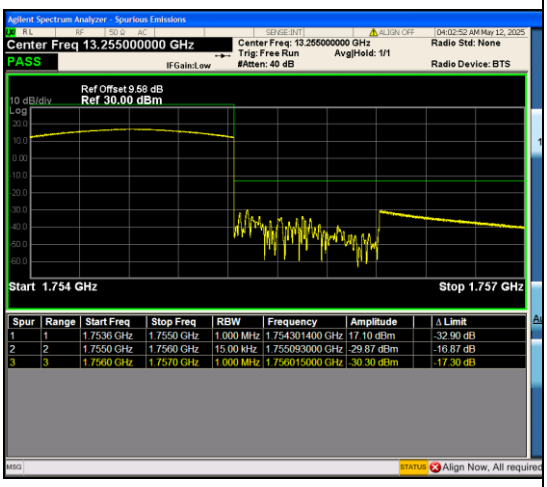


Band4_1.4MHz_QPSK_19957_6RB#0

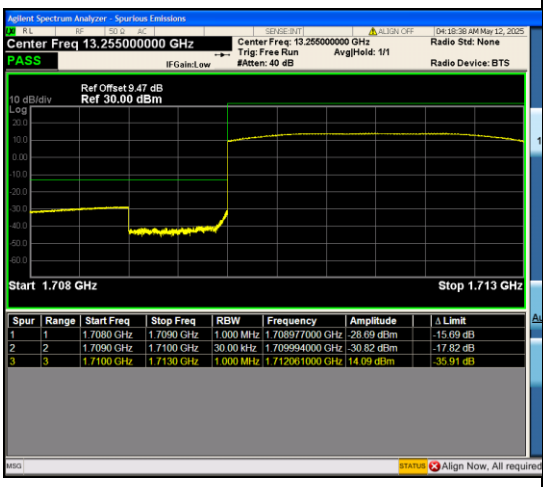
Band4_1.4MHz_QPSK_20393_6RB#0



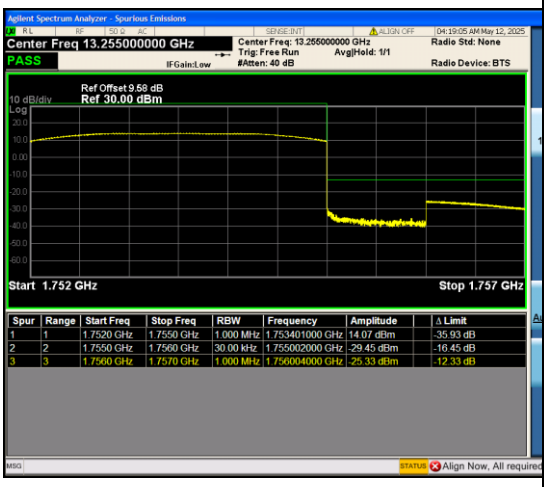
Band4_1.4MHz_16QAM_19957_6RB#0



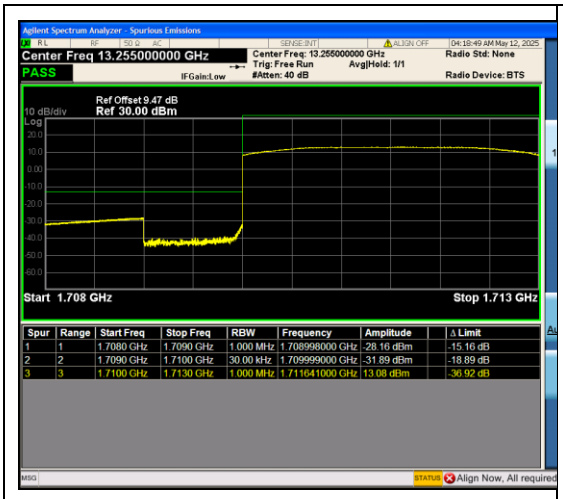
Band4_1.4MHz_16QAM_20393_6RB#0



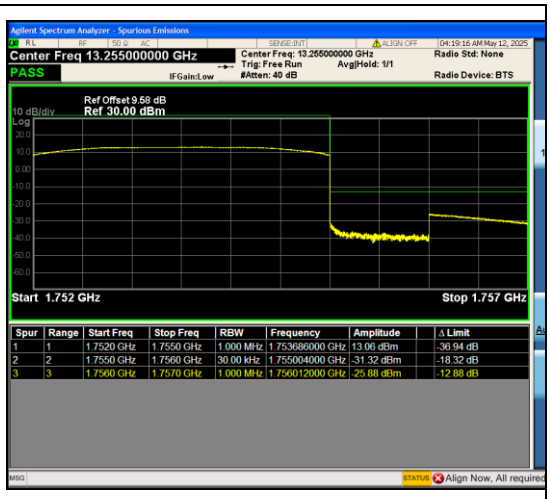
Band4_3MHz_QPSK_19965_15RB#0



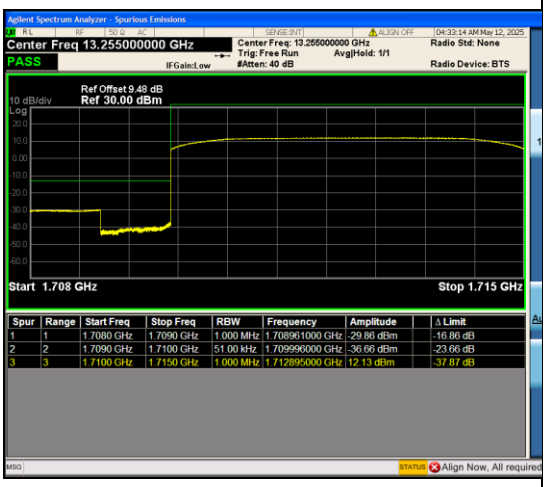
Band4_3MHz_QPSK_20385_15RB#0



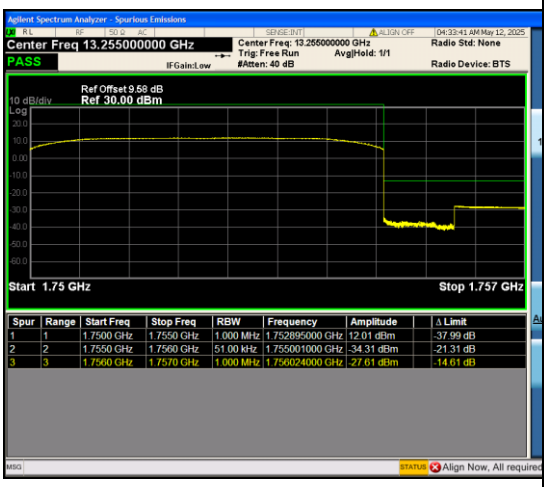
Band4_3MHz_16QAM_19965_15RB#0



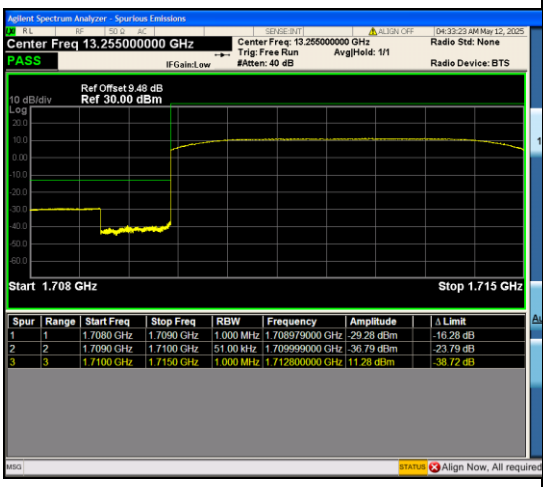
Band4_3MHz_16QAM_20385_15RB#0



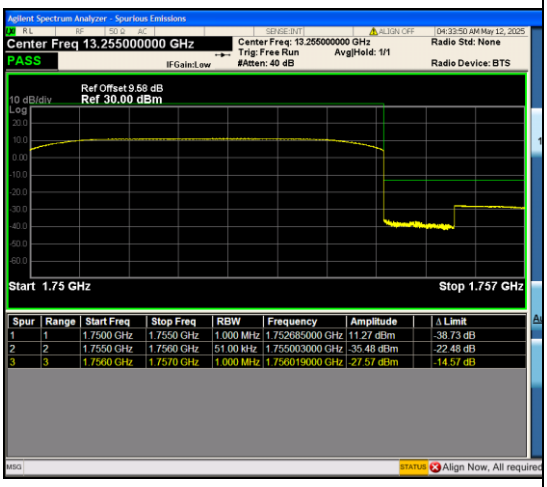
Band4_5MHz_QPSK_19975_25RB#0



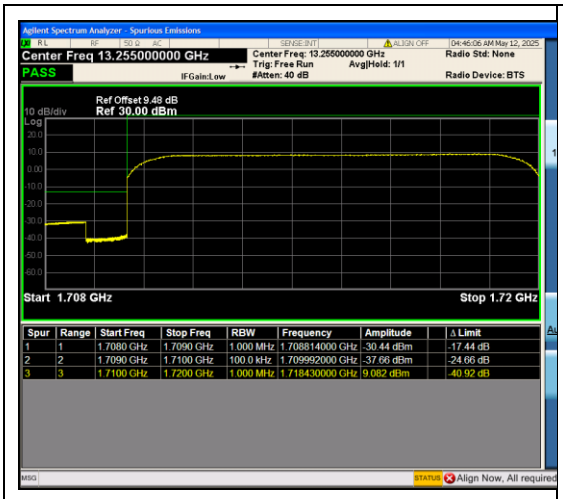
Band4_5MHz_QPSK_20375_25RB#0



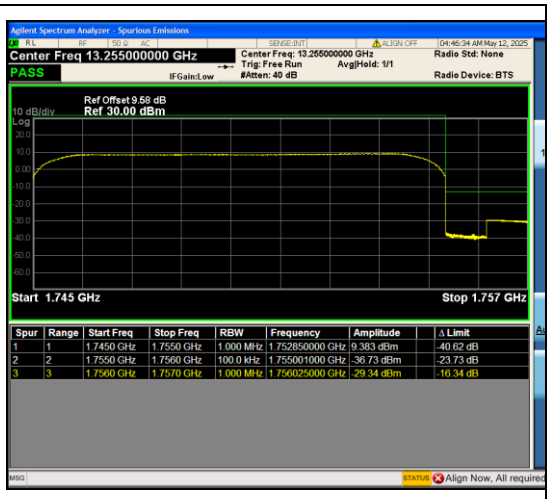
Band4_5MHz_16QAM_19975_25RB#0



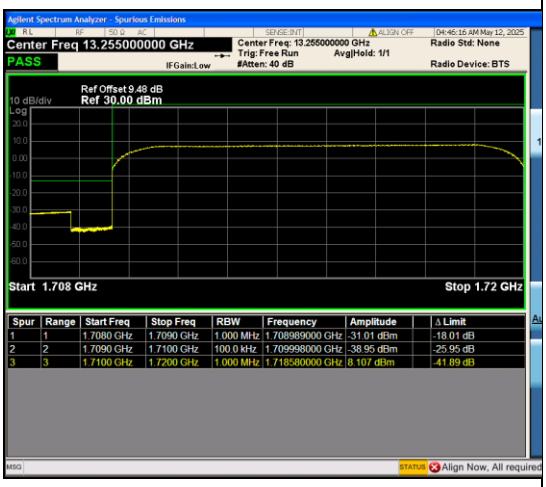
Band4_5MHz_16QAM_20375_25RB#0



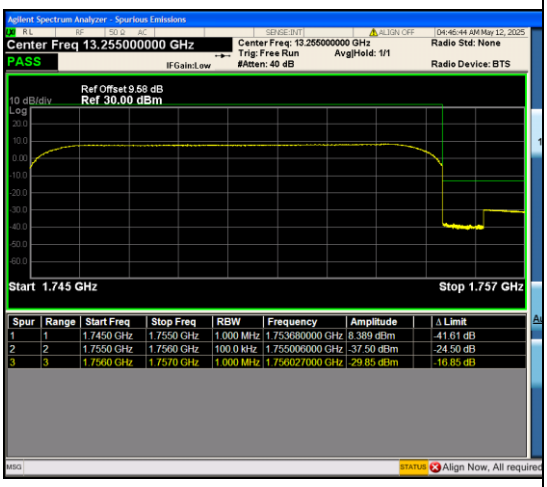
Band4_10MHz_QPSK_20000_50RB#0



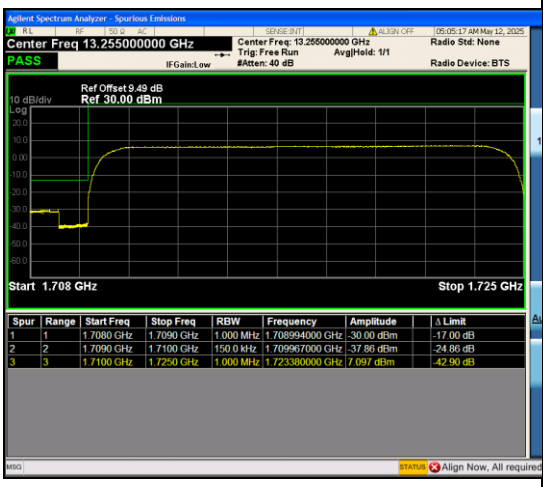
Band4_10MHz_QPSK_20350_50RB#0



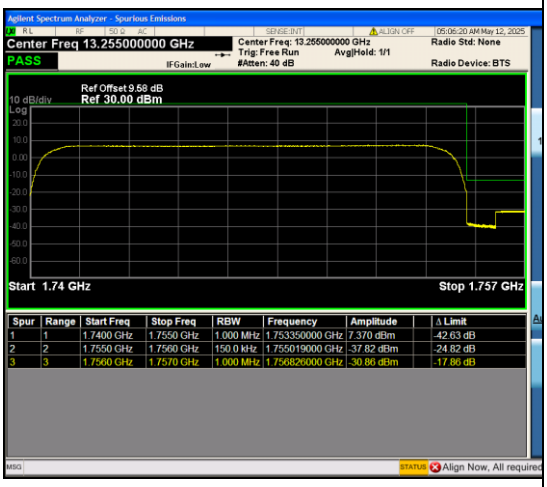
Band4_10MHz_16QAM_20000_50RB#0



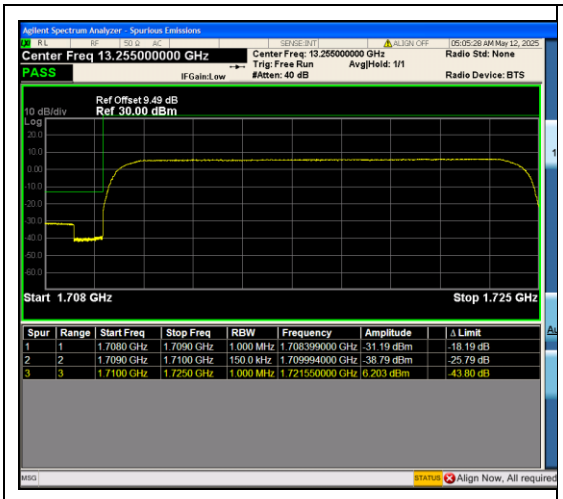
Band4_10MHz_16QAM_20350_50RB#0



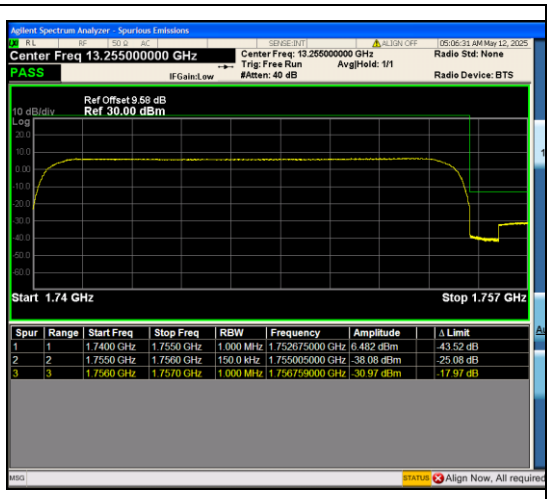
Band4_15MHz_QPSK_20025_75RB#0



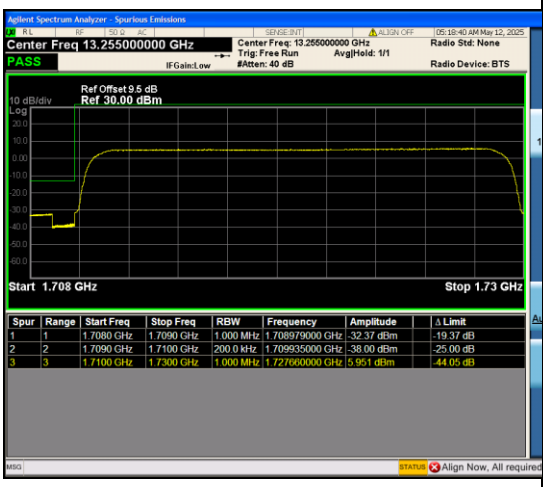
Band4_15MHz_QPSK_20325_75RB#0



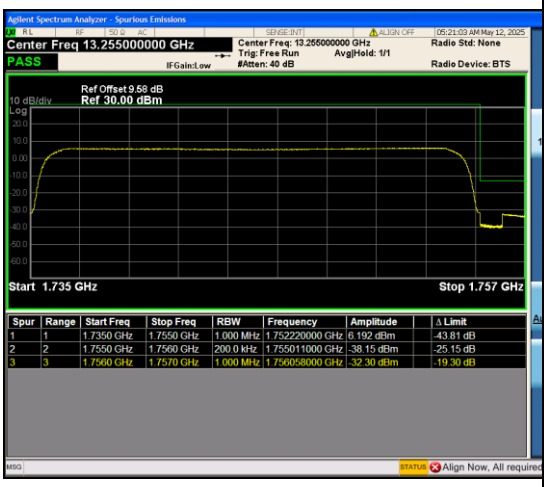
Band4_15MHz_16QAM_20025_75RB#0



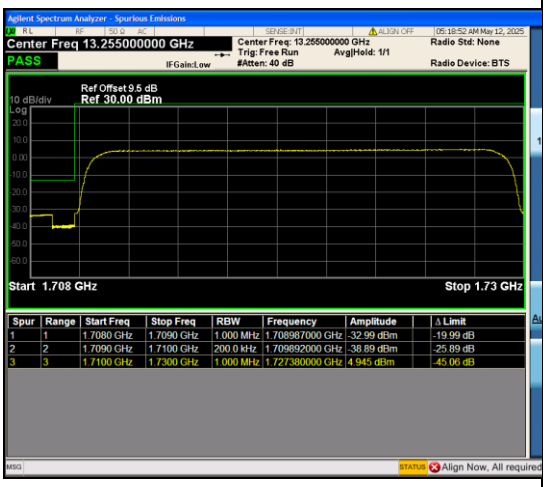
Band4_15MHz_16QAM_20325_75RB#0



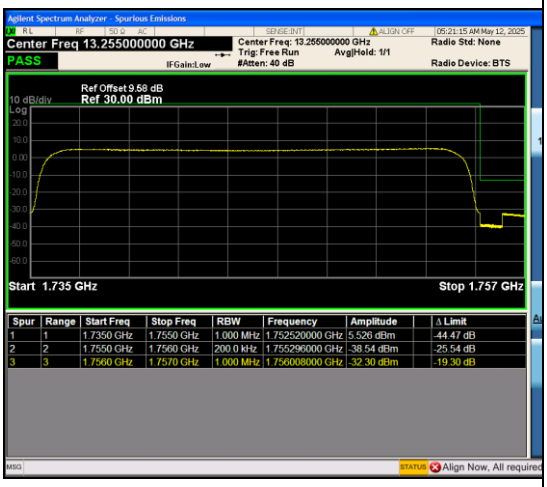
Band4_20MHz_QPSK_20050_100RB#0



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	-58.10	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	0.15~30	-54.52	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	30~1000	-61.83	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1000~3000	-33.77	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	3000~20000	-38.45	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.009~0.15	-55.70	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.15~30	-52.48	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	30~1000	-61.60	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1000~3000	-40.24	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	3000~20000	-38.77	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.009~0.15	-59.02	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.15~30	-52.89	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	30~1000	-61.75	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1000~3000	-38.52	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3000~20000	-38.33	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.009~0.15	-58.07	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.15~30	-52.05	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	30~1000	-61.56	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1000~3000	-36.06	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	3000~20000	-38.77	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.009~0.15	-55.66	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.15~30	-52.66	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	30~1000	-61.79	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1000~3000	-40.53	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	3000~20000	-38.57	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.009~0.15	-56.01	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.15~30	-53.94	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	30~1000	-61.88	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1000~3000	-37.92	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	3000~20000	-38.15	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.009~0.15	-57.64	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.15~30	-53.31	PASS
Band4	3MHz	QPSK	19965	15RB#0	30~1000	-54.85	PASS
Band4	3MHz	QPSK	19965	15RB#0	1000~3000	-38.34	PASS
Band4	3MHz	QPSK	19965	15RB#0	3000~20000	-38.88	PASS
Band4	3MHz	QPSK	20175	15RB#0	0.009~0.15	-56.41	PASS

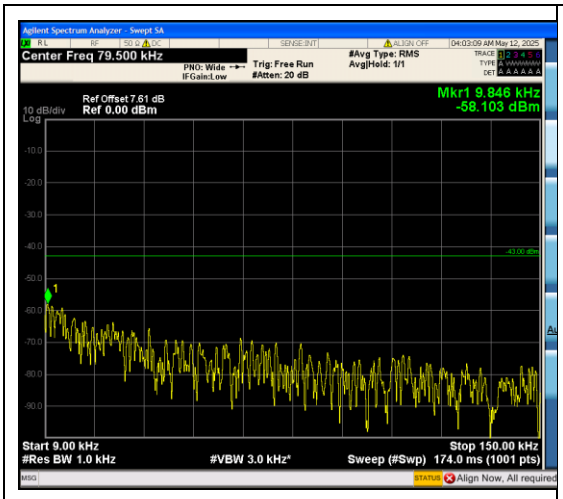
Band4	3MHz	QPSK	20175	15RB#0	0.15~30	-52.85	PASS
Band4	3MHz	QPSK	20175	15RB#0	30~1000	-61.84	PASS
Band4	3MHz	QPSK	20175	15RB#0	1000~3000	-41.06	PASS
Band4	3MHz	QPSK	20175	15RB#0	3000~20000	-38.58	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.009~0.15	-59.22	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.15~30	-53.61	PASS
Band4	3MHz	QPSK	20385	15RB#0	30~1000	-61.85	PASS
Band4	3MHz	QPSK	20385	15RB#0	1000~3000	-39.04	PASS
Band4	3MHz	QPSK	20385	15RB#0	3000~20000	-38.45	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.009~0.15	-58.09	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.15~30	-52.06	PASS
Band4	3MHz	16QAM	19965	15RB#0	30~1000	-61.83	PASS
Band4	3MHz	16QAM	19965	15RB#0	1000~3000	-39.77	PASS
Band4	3MHz	16QAM	19965	15RB#0	3000~20000	-38.48	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.009~0.15	-54.94	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.15~30	-53.74	PASS
Band4	3MHz	16QAM	20175	15RB#0	30~1000	-61.24	PASS
Band4	3MHz	16QAM	20175	15RB#0	1000~3000	-41.23	PASS
Band4	3MHz	16QAM	20175	15RB#0	3000~20000	-38.50	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.009~0.15	-56.10	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.15~30	-53.27	PASS
Band4	3MHz	16QAM	20385	15RB#0	30~1000	-61.73	PASS
Band4	3MHz	16QAM	20385	15RB#0	1000~3000	-38.80	PASS
Band4	3MHz	16QAM	20385	15RB#0	3000~20000	-38.64	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.009~0.15	-55.77	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.15~30	-55.28	PASS
Band4	5MHz	QPSK	19975	25RB#0	30~1000	-61.68	PASS
Band4	5MHz	QPSK	19975	25RB#0	1000~3000	-41.15	PASS
Band4	5MHz	QPSK	19975	25RB#0	3000~20000	-38.59	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.009~0.15	-59.70	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.15~30	-50.97	PASS
Band4	5MHz	QPSK	20175	25RB#0	30~1000	-61.92	PASS
Band4	5MHz	QPSK	20175	25RB#0	1000~3000	-43.03	PASS
Band4	5MHz	QPSK	20175	25RB#0	3000~20000	-38.30	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.009~0.15	-57.12	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.15~30	-52.92	PASS
Band4	5MHz	QPSK	20375	25RB#0	30~1000	-61.53	PASS
Band4	5MHz	QPSK	20375	25RB#0	1000~3000	-41.64	PASS
Band4	5MHz	QPSK	20375	25RB#0	3000~20000	-38.38	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.009~0.15	-56.53	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.15~30	-52.66	PASS
Band4	5MHz	16QAM	19975	25RB#0	30~1000	-61.60	PASS
Band4	5MHz	16QAM	19975	25RB#0	1000~3000	-41.15	PASS

Band4	5MHz	16QAM	19975	25RB#0	3000~20000	-38.62	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.009~0.15	-56.54	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.15~30	-55.80	PASS
Band4	5MHz	16QAM	20175	25RB#0	30~1000	-61.77	PASS
Band4	5MHz	16QAM	20175	25RB#0	1000~3000	-44.20	PASS
Band4	5MHz	16QAM	20175	25RB#0	3000~20000	-38.18	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.009~0.15	-57.82	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.15~30	-53.73	PASS
Band4	5MHz	16QAM	20375	25RB#0	30~1000	-61.68	PASS
Band4	5MHz	16QAM	20375	25RB#0	1000~3000	-42.78	PASS
Band4	5MHz	16QAM	20375	25RB#0	3000~20000	-38.44	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.009~0.15	-58.40	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.15~30	-52.70	PASS
Band4	10MHz	QPSK	20000	50RB#0	30~1000	-61.94	PASS
Band4	10MHz	QPSK	20000	50RB#0	1000~3000	-42.24	PASS
Band4	10MHz	QPSK	20000	50RB#0	3000~20000	-38.19	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.009~0.15	-57.40	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.15~30	-53.01	PASS
Band4	10MHz	QPSK	20175	50RB#0	30~1000	-60.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	1000~3000	-45.01	PASS
Band4	10MHz	QPSK	20175	50RB#0	3000~20000	-38.59	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.009~0.15	-60.16	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.15~30	-52.97	PASS
Band4	10MHz	QPSK	20350	50RB#0	30~1000	-61.72	PASS
Band4	10MHz	QPSK	20350	50RB#0	1000~3000	-43.85	PASS
Band4	10MHz	QPSK	20350	50RB#0	3000~20000	-38.29	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.009~0.15	-58.65	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.15~30	-51.78	PASS
Band4	10MHz	16QAM	20000	50RB#0	30~1000	-61.64	PASS
Band4	10MHz	16QAM	20000	50RB#0	1000~3000	-44.72	PASS
Band4	10MHz	16QAM	20000	50RB#0	3000~20000	-38.68	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.009~0.15	-55.96	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.15~30	-54.47	PASS
Band4	10MHz	16QAM	20175	50RB#0	30~1000	-61.50	PASS
Band4	10MHz	16QAM	20175	50RB#0	1000~3000	-46.17	PASS
Band4	10MHz	16QAM	20175	50RB#0	3000~20000	-38.86	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.009~0.15	-58.81	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.15~30	-54.46	PASS
Band4	10MHz	16QAM	20350	50RB#0	30~1000	-61.65	PASS
Band4	10MHz	16QAM	20350	50RB#0	1000~3000	-42.72	PASS
Band4	10MHz	16QAM	20350	50RB#0	3000~20000	-38.42	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.009~0.15	-55.59	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.15~30	-54.69	PASS

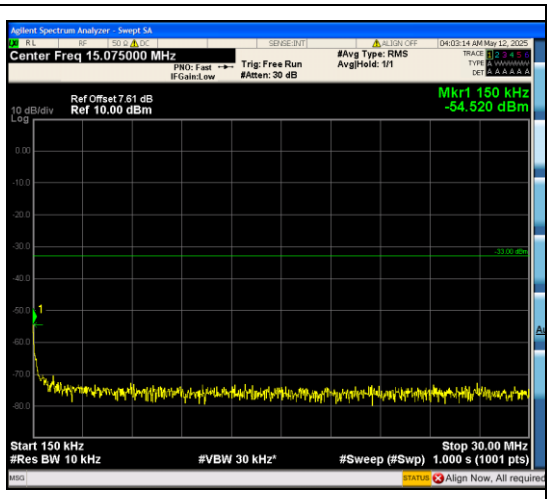
Band4	15MHz	QPSK	20025	75RB#0	30~1000	-61.68	PASS
Band4	15MHz	QPSK	20025	75RB#0	1000~3000	-43.23	PASS
Band4	15MHz	QPSK	20025	75RB#0	3000~20000	-38.41	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.009~0.15	-59.34	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.15~30	-54.12	PASS
Band4	15MHz	QPSK	20175	75RB#0	30~1000	-61.75	PASS
Band4	15MHz	QPSK	20175	75RB#0	1000~3000	-46.67	PASS
Band4	15MHz	QPSK	20175	75RB#0	3000~20000	-38.66	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.009~0.15	-59.57	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.15~30	-54.28	PASS
Band4	15MHz	QPSK	20325	75RB#0	30~1000	-61.68	PASS
Band4	15MHz	QPSK	20325	75RB#0	1000~3000	-44.16	PASS
Band4	15MHz	QPSK	20325	75RB#0	3000~20000	-38.01	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.009~0.15	-58.10	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.15~30	-51.78	PASS
Band4	15MHz	16QAM	20025	75RB#0	30~1000	-61.81	PASS
Band4	15MHz	16QAM	20025	75RB#0	1000~3000	-46.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	3000~20000	-38.73	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.009~0.15	-57.49	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.15~30	-54.46	PASS
Band4	15MHz	16QAM	20175	75RB#0	30~1000	-61.61	PASS
Band4	15MHz	16QAM	20175	75RB#0	1000~3000	-47.16	PASS
Band4	15MHz	16QAM	20175	75RB#0	3000~20000	-38.61	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.009~0.15	-58.63	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.15~30	-52.07	PASS
Band4	15MHz	16QAM	20325	75RB#0	30~1000	-61.44	PASS
Band4	15MHz	16QAM	20325	75RB#0	1000~3000	-46.57	PASS
Band4	15MHz	16QAM	20325	75RB#0	3000~20000	-38.48	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.009~0.15	-56.14	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.15~30	-54.25	PASS
Band4	20MHz	QPSK	20050	100RB#0	30~1000	-61.90	PASS
Band4	20MHz	QPSK	20050	100RB#0	1000~3000	-47.07	PASS
Band4	20MHz	QPSK	20050	100RB#0	3000~20000	-38.70	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.009~0.15	-58.08	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.15~30	-53.71	PASS
Band4	20MHz	QPSK	20175	100RB#0	30~1000	-61.82	PASS
Band4	20MHz	QPSK	20175	100RB#0	1000~3000	-47.13	PASS
Band4	20MHz	QPSK	20175	100RB#0	3000~20000	-38.15	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.009~0.15	-56.52	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.15~30	-54.31	PASS
Band4	20MHz	QPSK	20300	100RB#0	30~1000	-61.87	PASS
Band4	20MHz	QPSK	20300	100RB#0	1000~3000	-46.90	PASS
Band4	20MHz	QPSK	20300	100RB#0	3000~20000	-38.09	PASS

Band4	20MHz	16QAM	20050	100RB#0	0.009~0.15	-57.88	PASS
Band4	20MHz	16QAM	20050	100RB#0	0.15~30	-51.78	PASS
Band4	20MHz	16QAM	20050	100RB#0	30~1000	-61.65	PASS
Band4	20MHz	16QAM	20050	100RB#0	1000~3000	-46.96	PASS
Band4	20MHz	16QAM	20050	100RB#0	3000~20000	-37.71	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.009~0.15	-57.50	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.15~30	-52.54	PASS
Band4	20MHz	16QAM	20175	100RB#0	30~1000	-61.79	PASS
Band4	20MHz	16QAM	20175	100RB#0	1000~3000	-46.84	PASS
Band4	20MHz	16QAM	20175	100RB#0	3000~20000	-38.68	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.009~0.15	-54.95	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.15~30	-53.85	PASS
Band4	20MHz	16QAM	20300	100RB#0	30~1000	-61.46	PASS
Band4	20MHz	16QAM	20300	100RB#0	1000~3000	-46.90	PASS
Band4	20MHz	16QAM	20300	100RB#0	3000~20000	-38.21	PASS

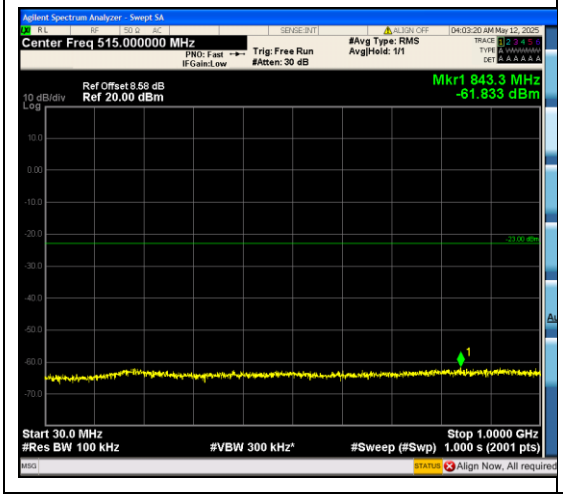
Test Graphs

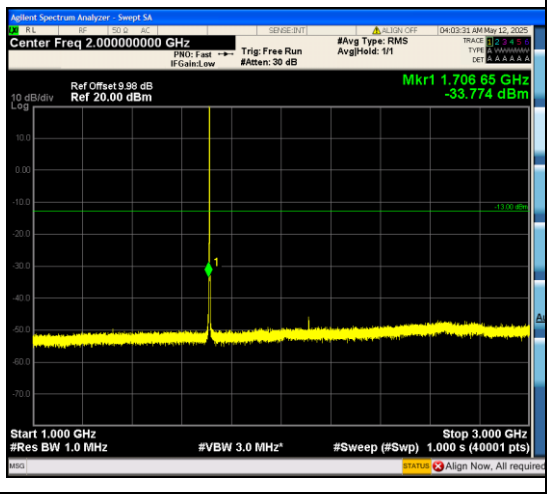


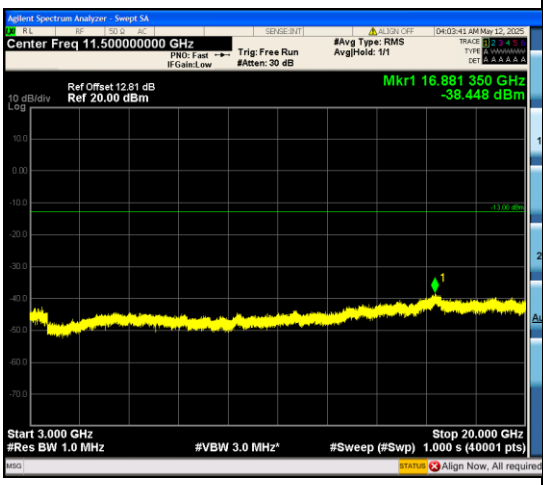
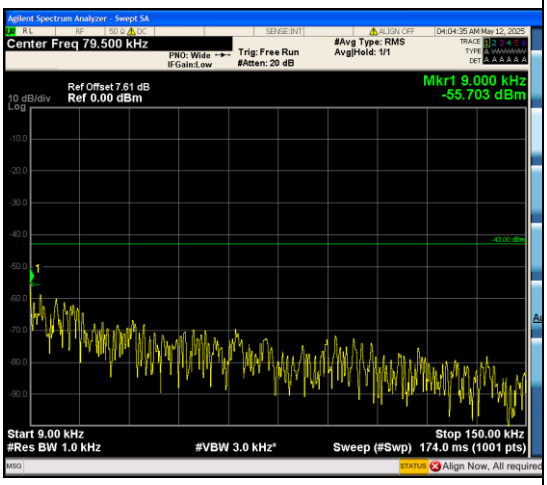
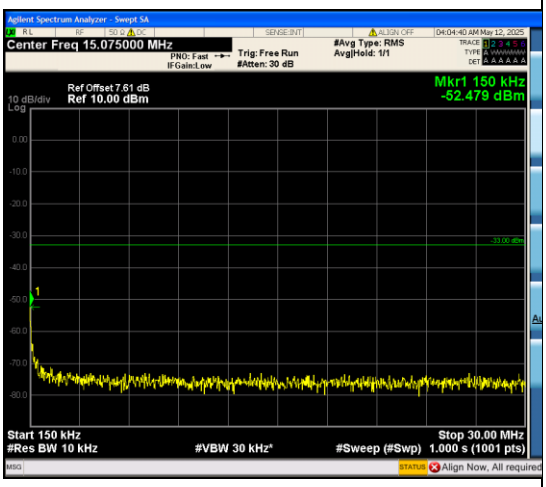
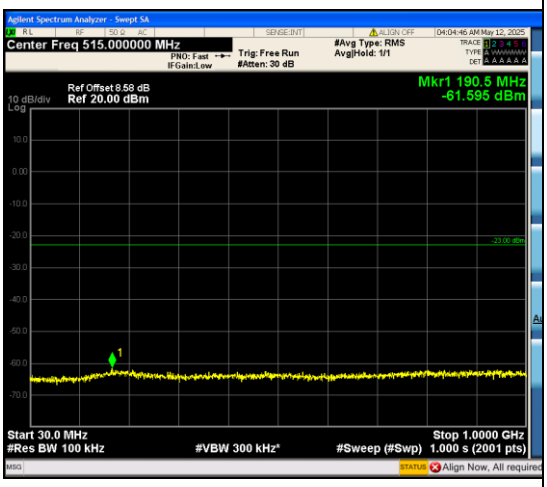
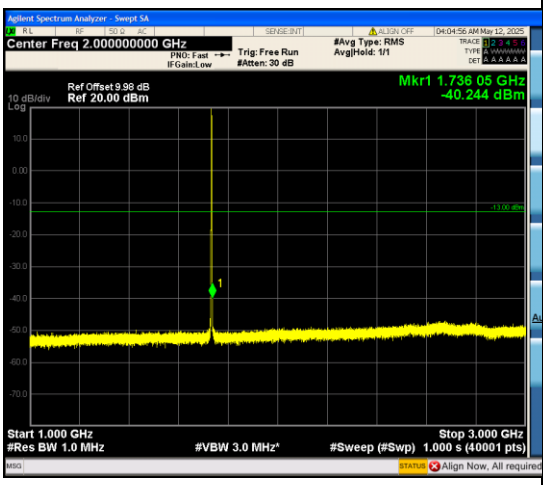
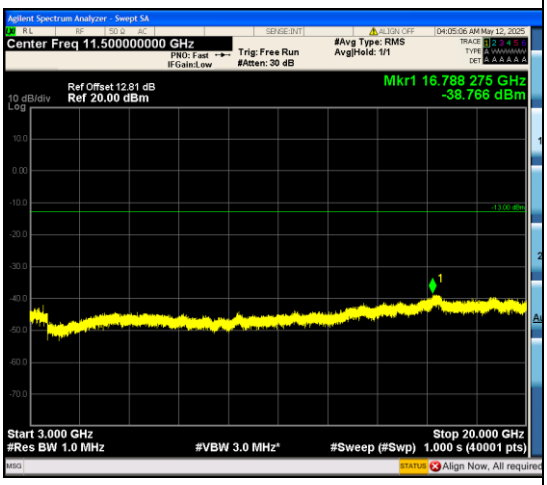
Band4_1.4MHz_QPSK_19957_6RB#0_0.009~0.15_0.009~0.15

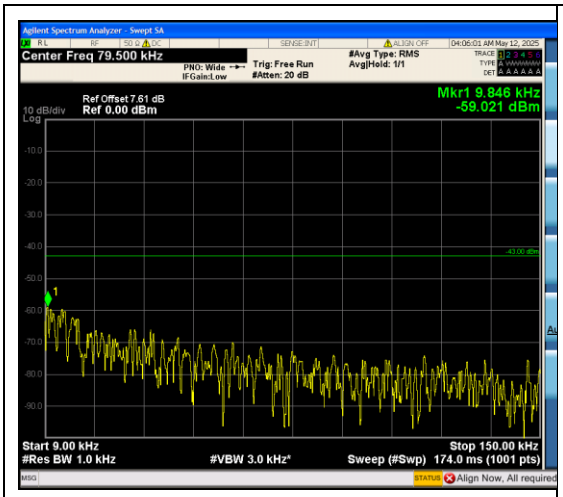


Band4_1.4MHz_QPSK_19957_6RB#0_0.15~30_0.15~30

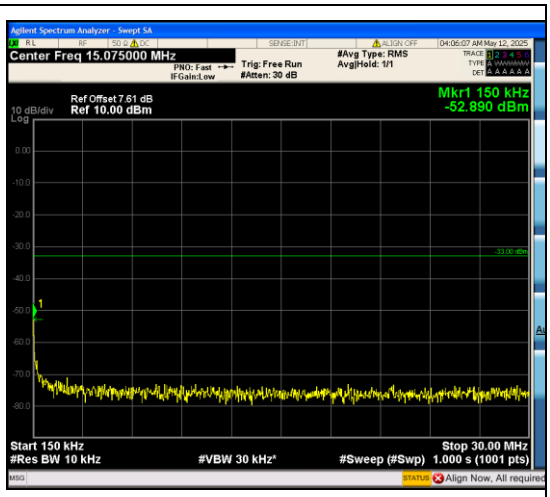




Band4_1.4MHz_QPSK_19957_6RB#0_30~1000_30~1000	Band4_1.4MHz_QPSK_19957_6RB#0_1000~3000_1000~3000
	
Band4_1.4MHz_QPSK_19957_6RB#0_3000~20000_3000~20000	Band4_1.4MHz_QPSK_20175_6RB#0_0.009~0.15_0.009~0.15
	
Band4_1.4MHz_QPSK_20175_6RB#0_0.15~30_0.15~30	Band4_1.4MHz_QPSK_20175_6RB#0_30~1000_30~1000
	
Band4_1.4MHz_QPSK_20175_6RB#0_1000~3000_1000~3000	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



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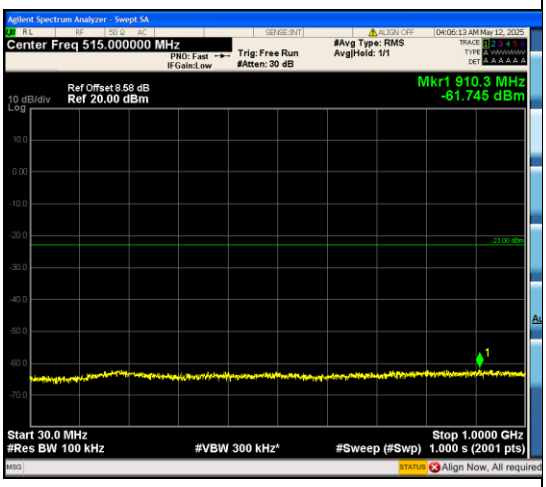

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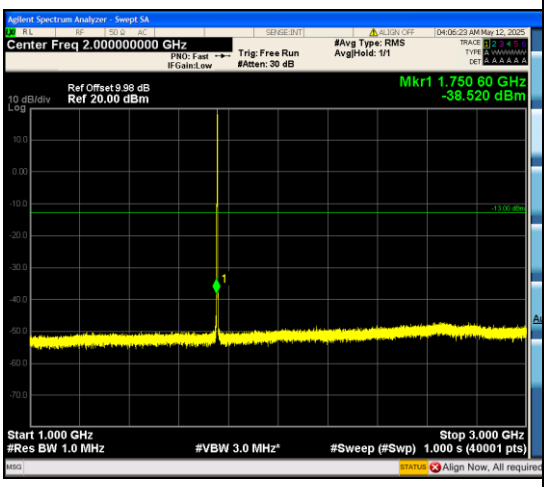

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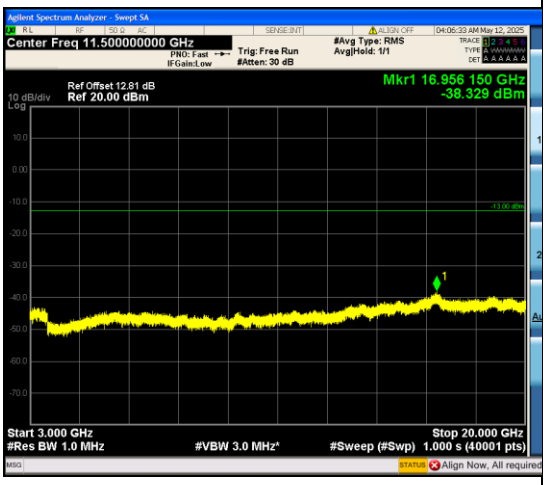

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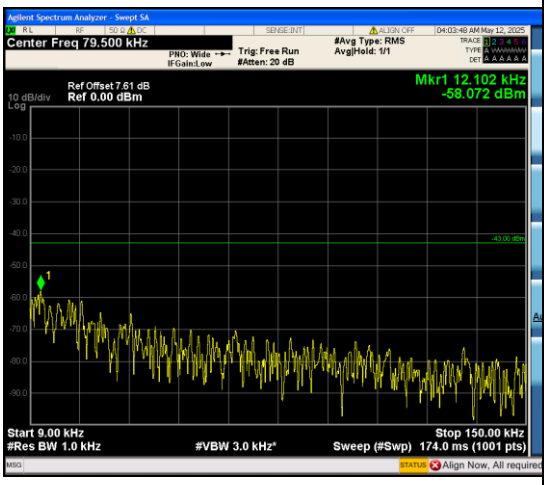

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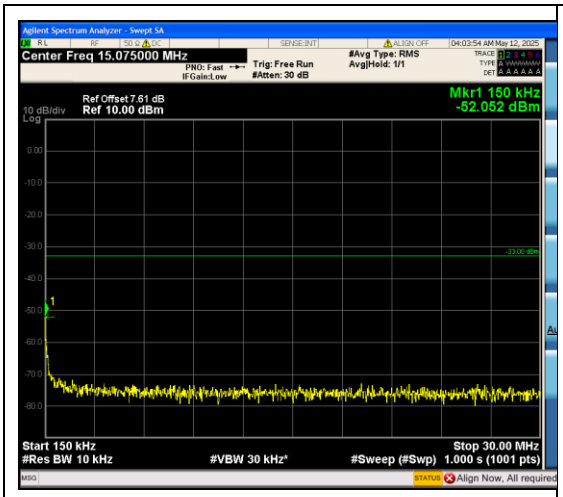

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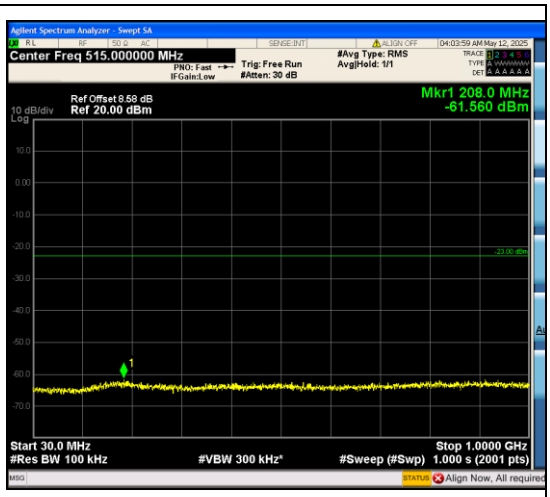

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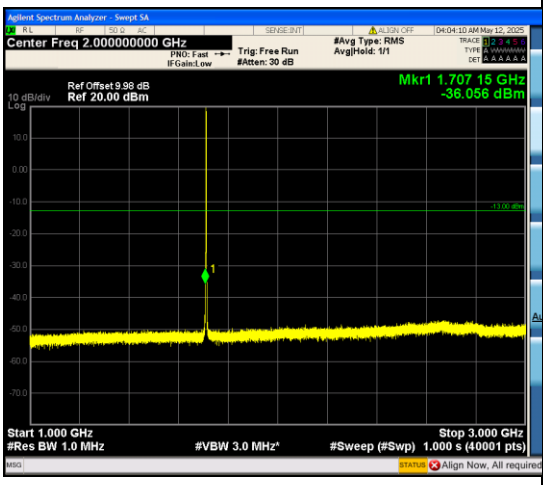

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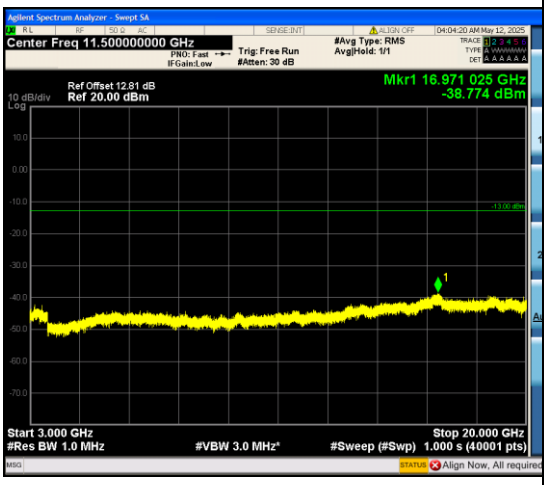

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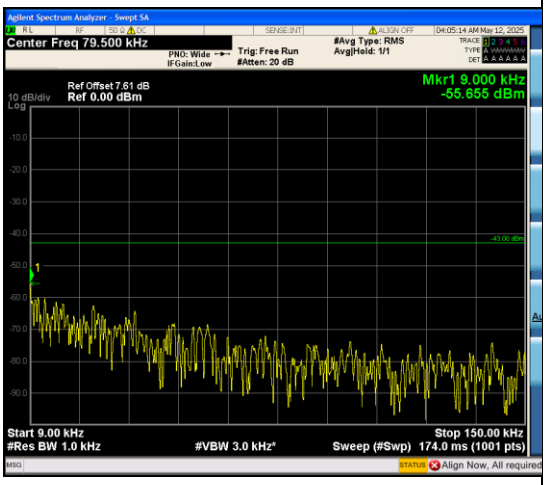

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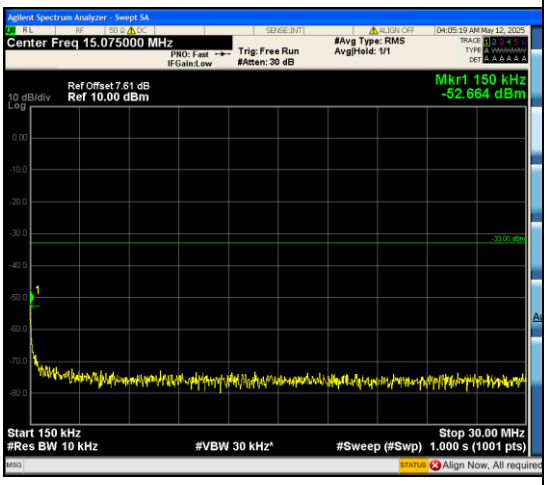

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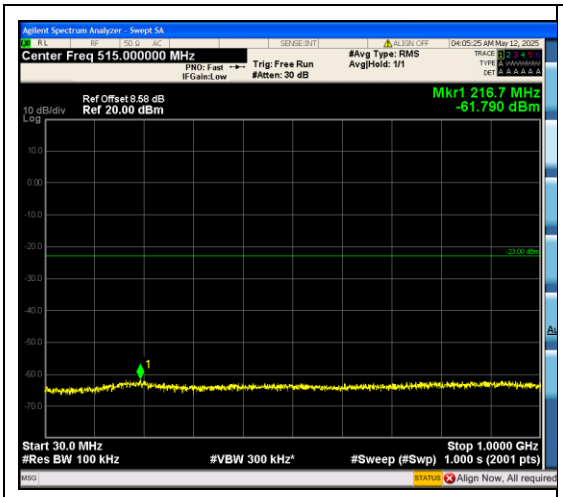

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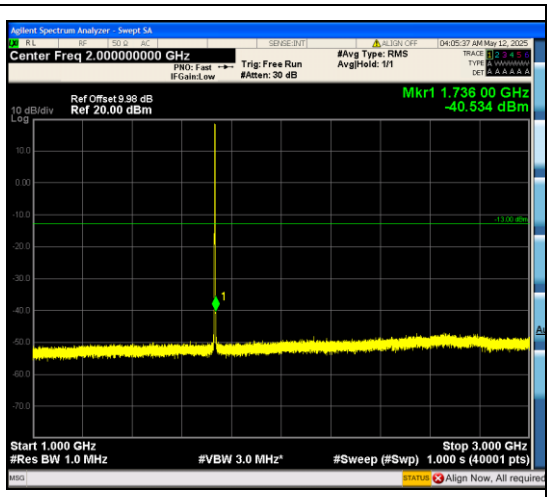

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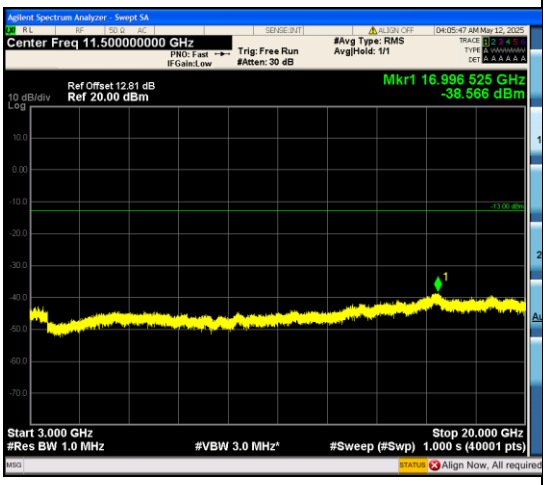

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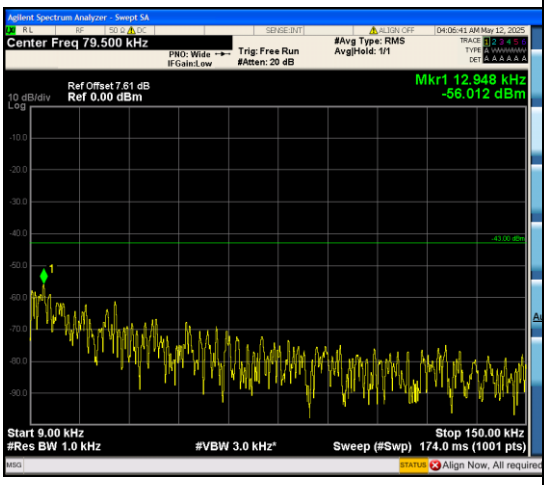

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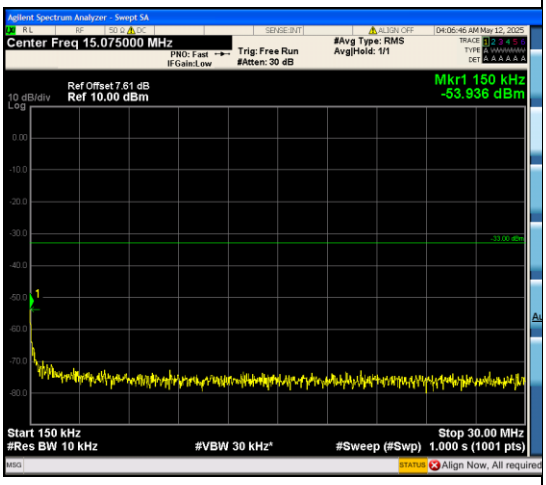

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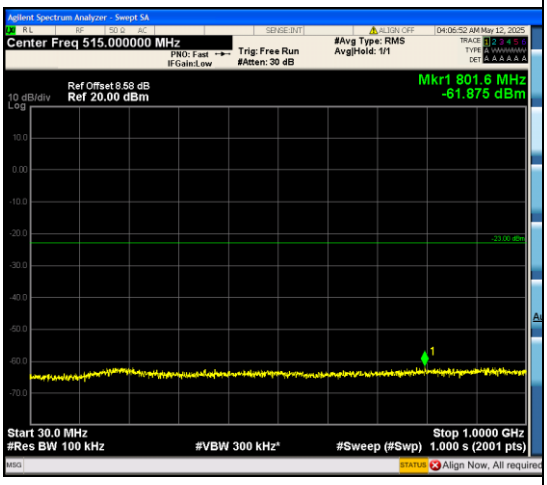
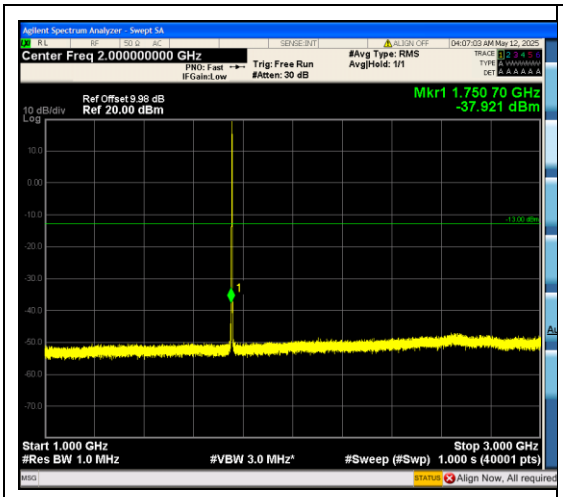


Band4_1.4MHz_16QAM_20393_6RB#0_30~1000_30~1000



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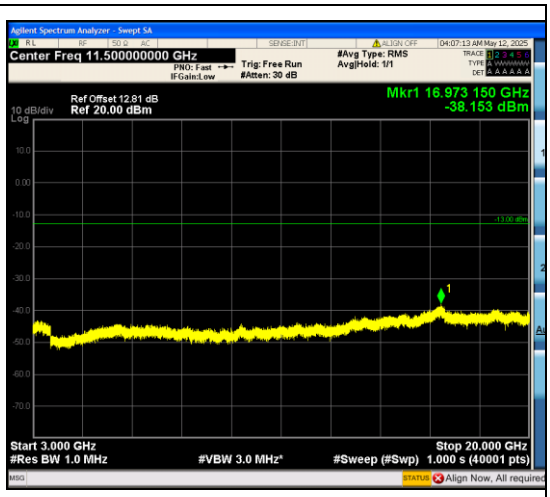
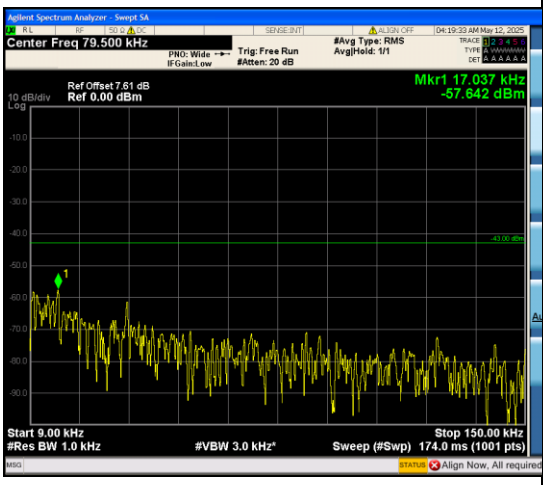
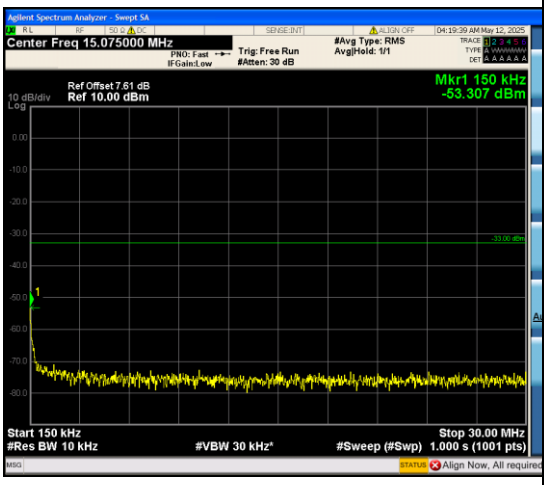


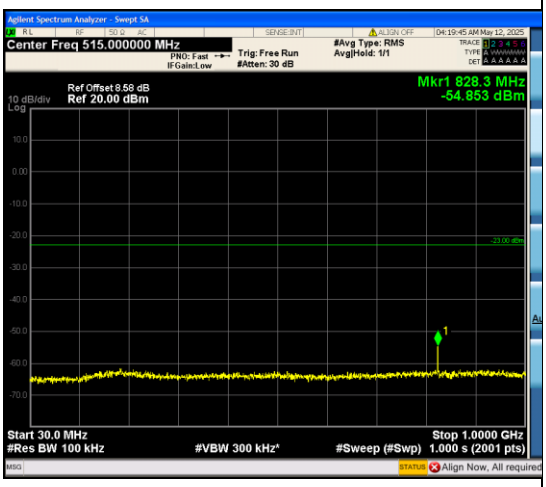
Band4_1.4MHz_16QAM_20393_6RB#0_3000~20000_3000~20000



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



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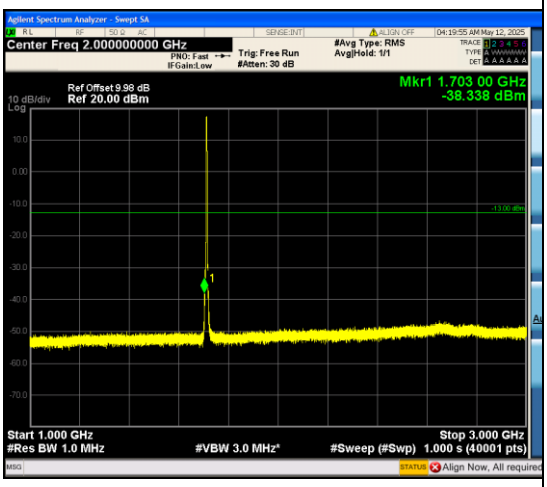
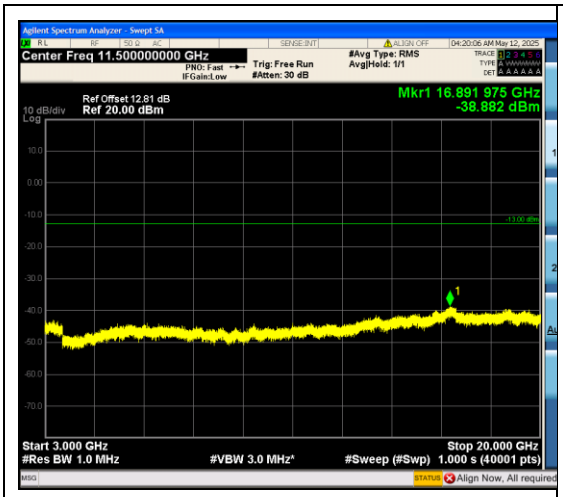
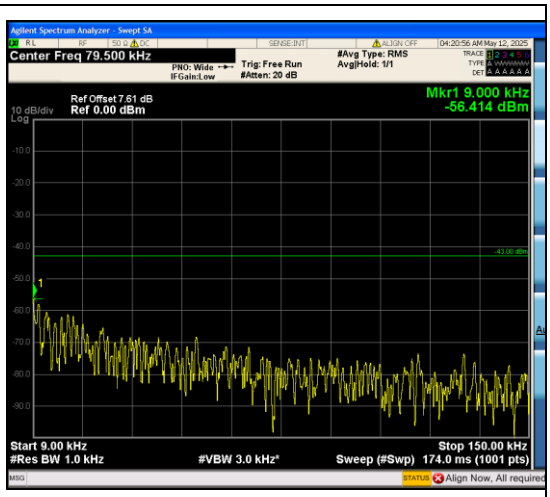


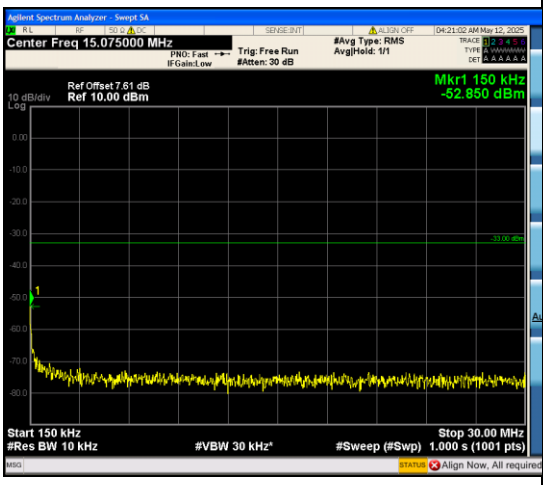
Band4_3MHz_QPSK_19965_15RB#0_1000~3000_1000~3000



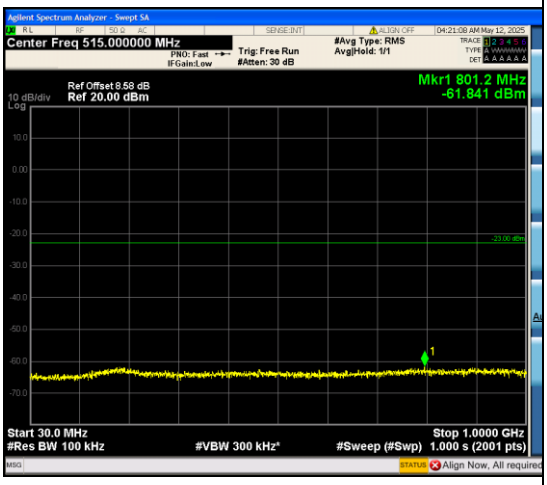
Band4_3MHz_QPSK_19965_15RB#0_3000~20000_3000~20000



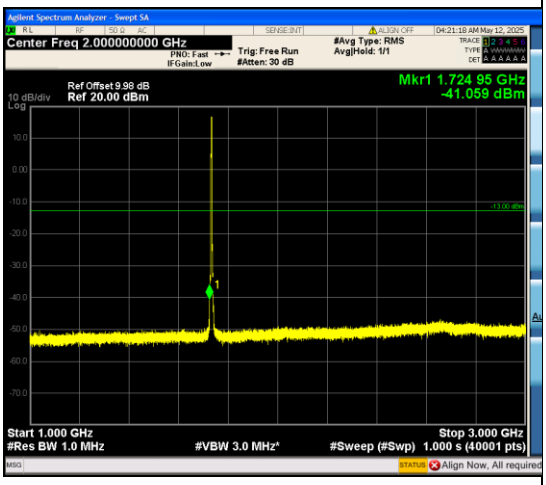
Band4_3MHz_QPSK_20175_15RB#0_0.009~0.15_0.009~0.15



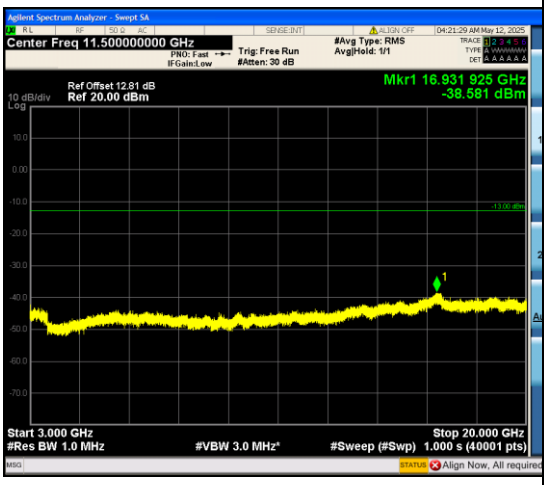
Band4_3MHz_QPSK_20175_15RB#0_0.15~30_0.15~30



Band4_3MHz_QPSK_20175_15RB#0_30~1000_30~1000



Band4_3MHz_QPSK_20175_15RB#0_1000~3000_1000~3000



Band4_3MHz_QPSK_20175_15RB#0_3000~20000_3000~20000