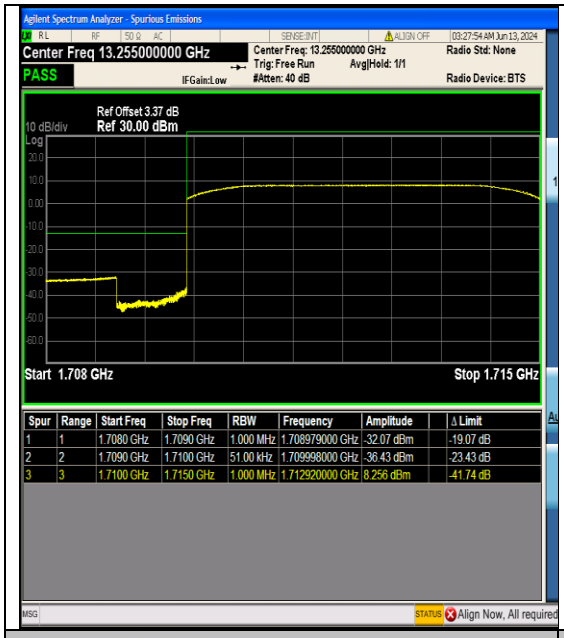
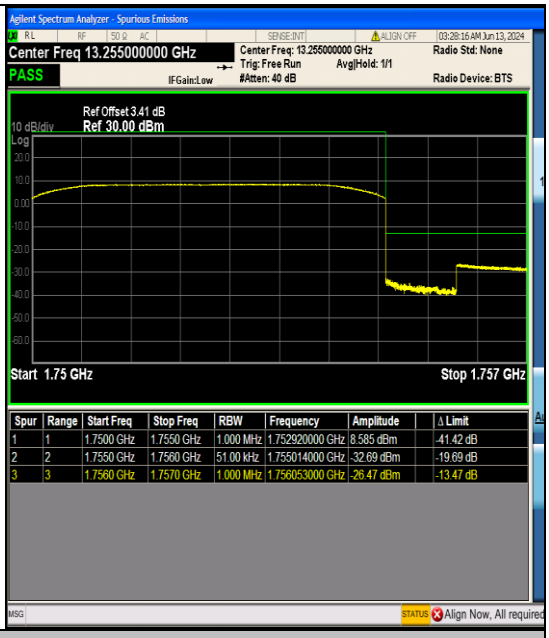
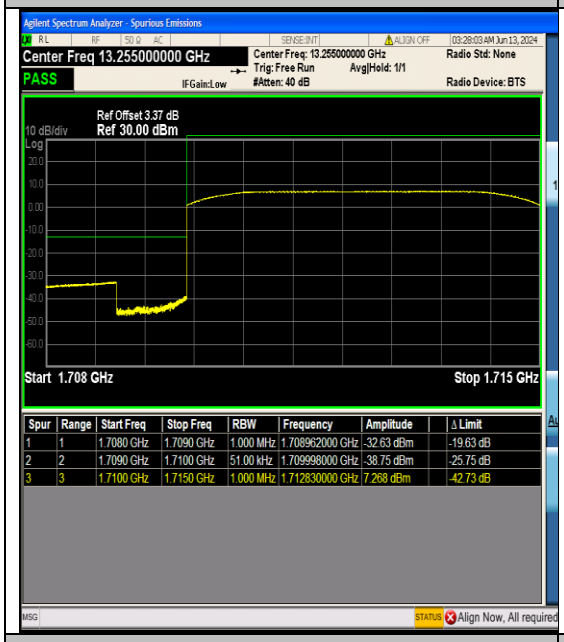


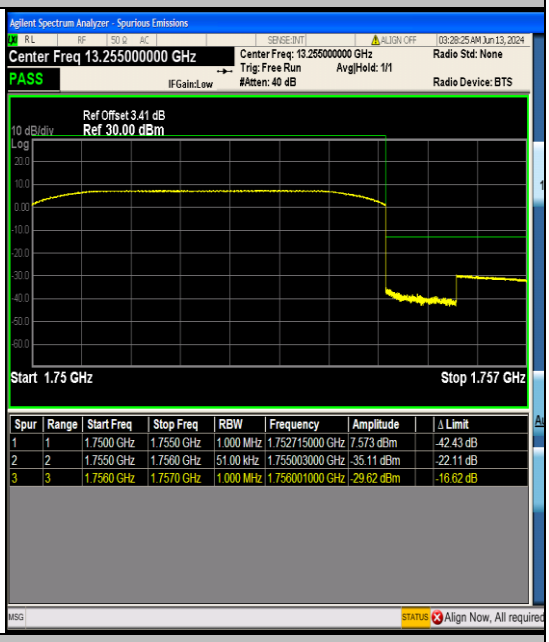
Band4_5MHz_QPSK_19975_25RB#0



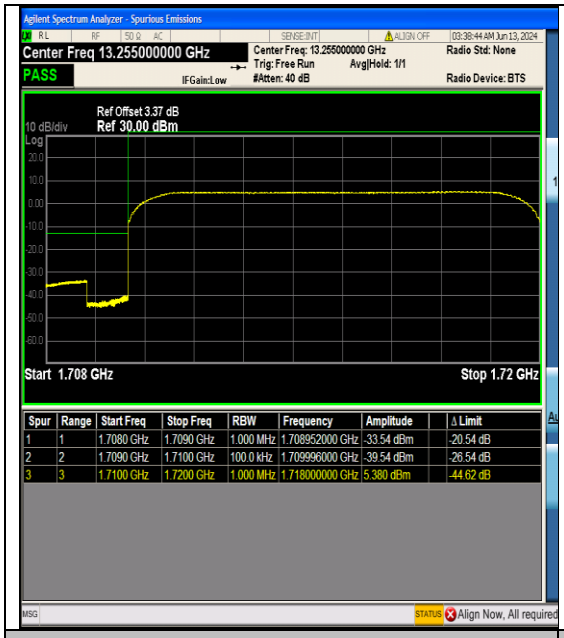
Band4_5MHz_QPSK_20375_25RB#0



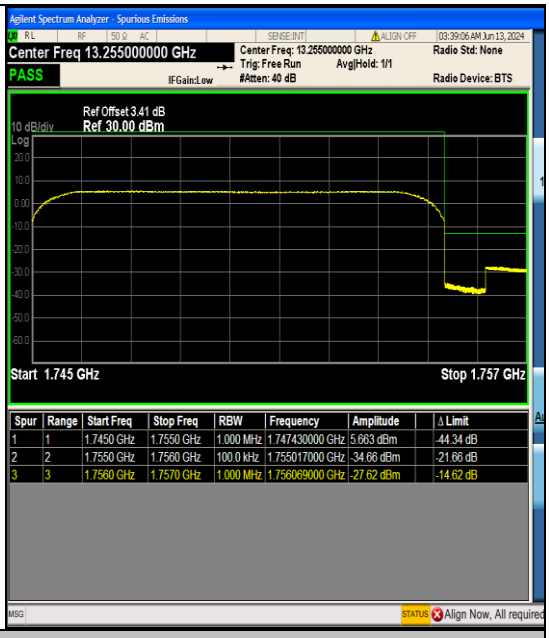
Band4_5MHz_16QAM_19975_25RB#0



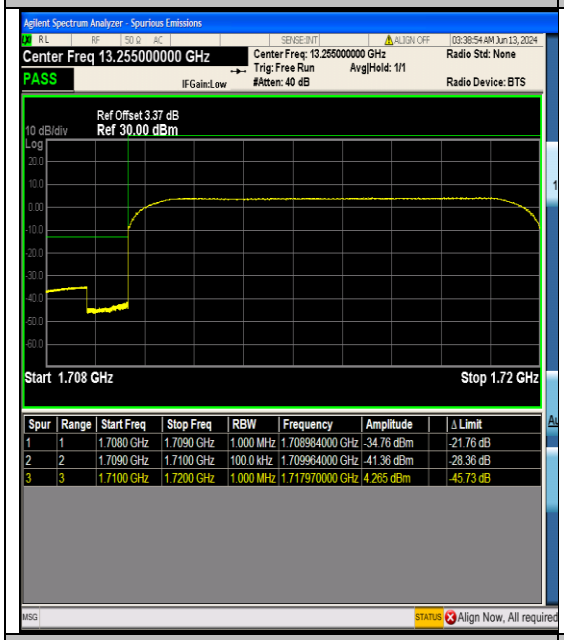
Band4_5MHz_16QAM_20375_25RB#0



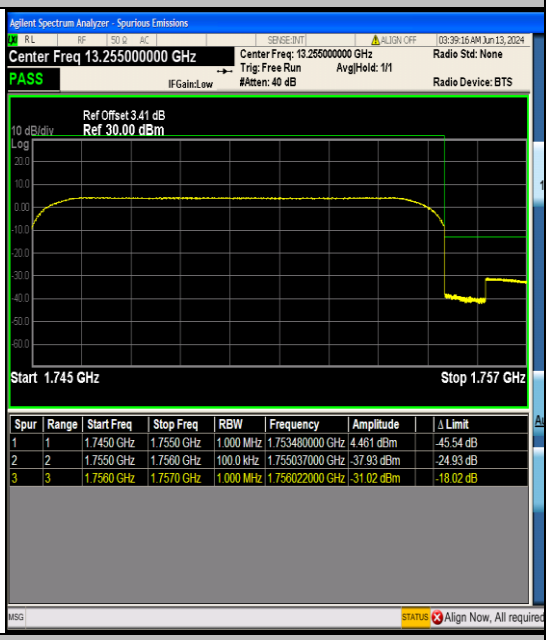
Band4_10MHz_QPSK_20000_50RB#0



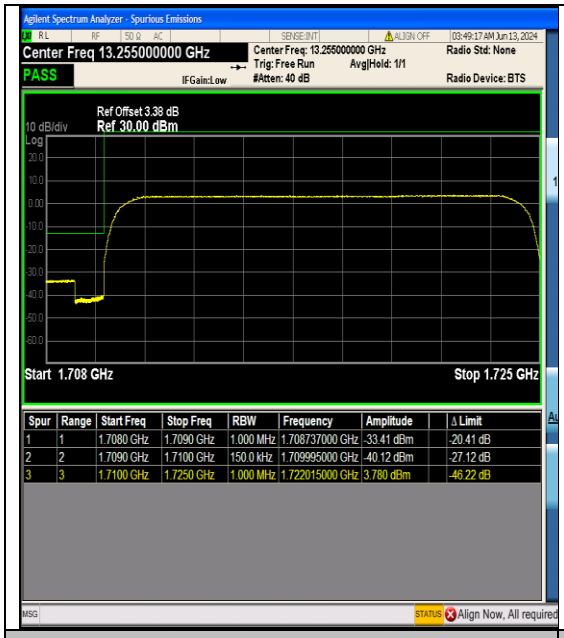
Band4_10MHz_QPSK_20350_50RB#0



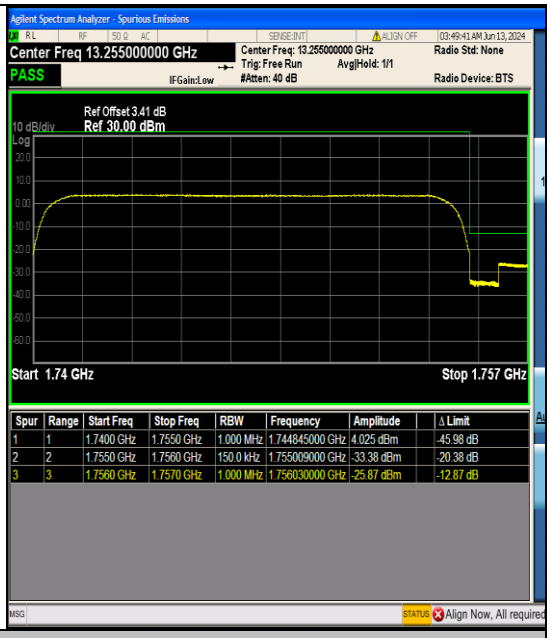
Band4_10MHz_16QAM_20000_50RB#0



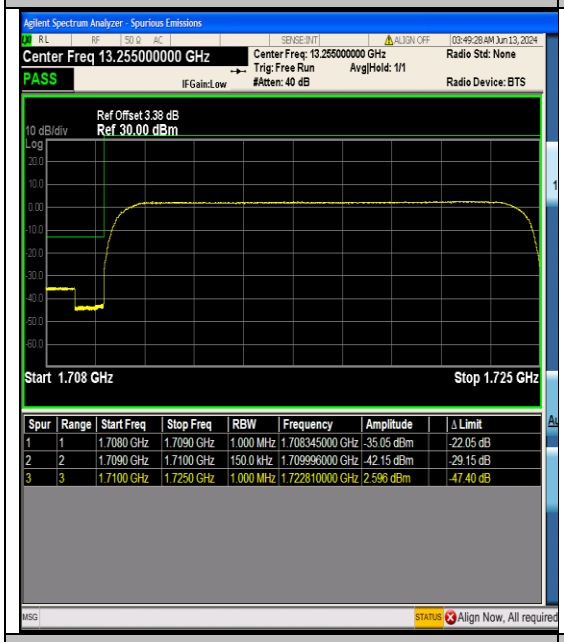
Band4_10MHz_16QAM_20350_50RB#0



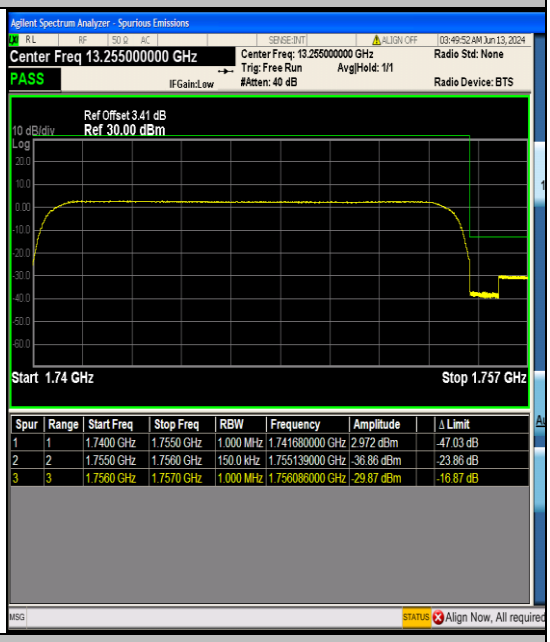
Band4_15MHz_QPSK_20025_75RB#0



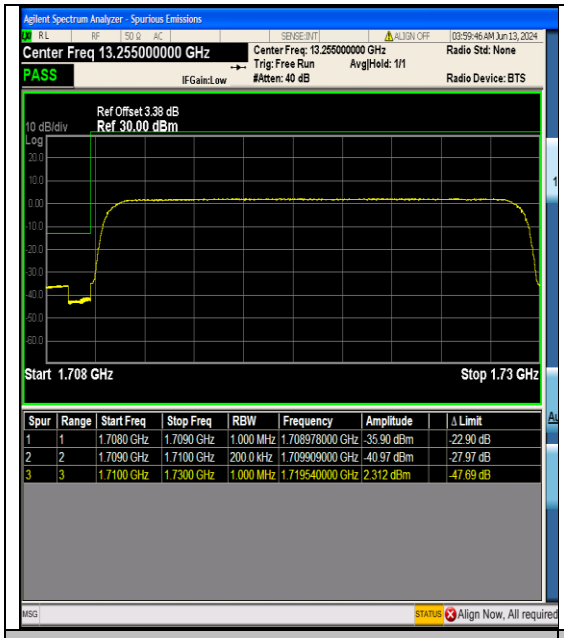
Band4_15MHz_QPSK_20325_75RB#0



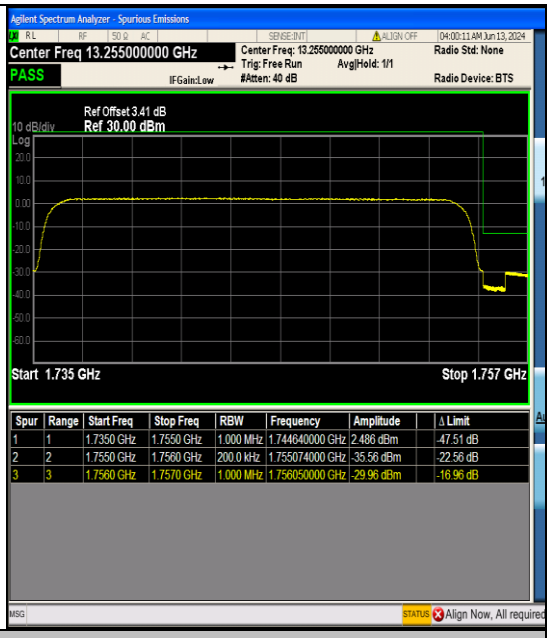
Band4_15MHz_16QAM_20025_75RB#0



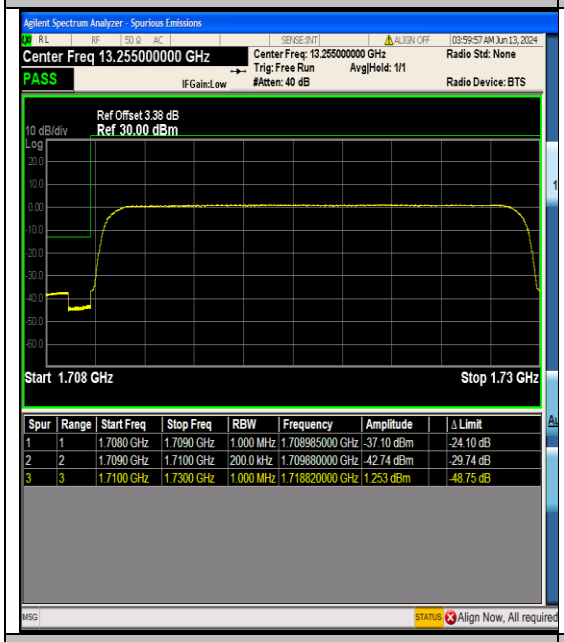
Band4_15MHz_16QAM_20325_75RB#0



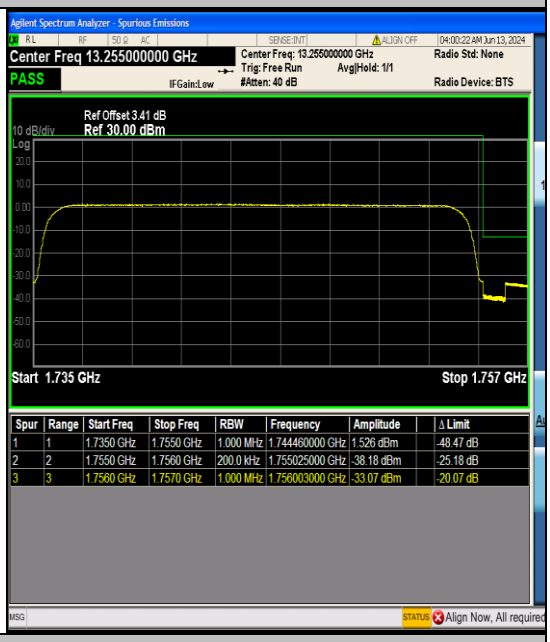
Band4_20MHz_QPSK_20050_100RB#0



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	-48.84	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	0.15~30	-58.24	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	30~1000	-66.57	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1000~3000	-40.81	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	3000~20000	-42.20	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.009~0.15	-47.95	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.15~30	-59.71	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	30~1000	-66.85	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1000~3000	-42.45	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	3000~20000	-45.46	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.009~0.15	-44.91	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.15~30	-60.45	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	30~1000	-66.61	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1000~3000	-30.61	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3000~20000	-45.95	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.009~0.15	-48.25	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.15~30	-58.01	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	30~1000	-66.89	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1000~3000	-43.48	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	3000~20000	-44.35	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.009~0.15	-45.93	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.15~30	-60.21	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	30~1000	-66.68	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1000~3000	-41.37	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	3000~20000	-46.13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.009~0.15	-44.39	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.15~30	-57.89	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	30~1000	-66.81	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1000~3000	-44.45	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	3000~20000	-46.45	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.009~0.15	-47.93	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.15~30	-57.39	PASS
Band4	3MHz	QPSK	19965	15RB#0	30~1000	-67.03	PASS
Band4	3MHz	QPSK	19965	15RB#0	1000~3000	-44.67	PASS
Band4	3MHz	QPSK	19965	15RB#0	3000~20000	-46.31	PASS
Band4	3MHz	QPSK	20175	15RB#0	0.009~0.15	-45.74	PASS

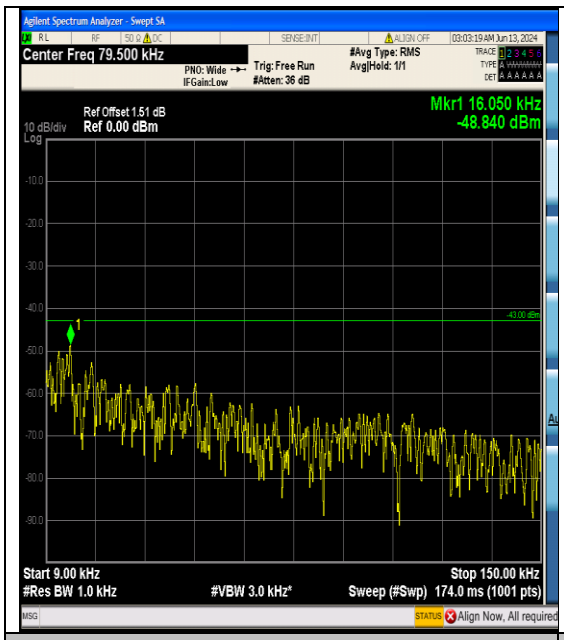
Band4	3MHz	QPSK	20175	15RB#0	0.15~30	-59.01	PASS
Band4	3MHz	QPSK	20175	15RB#0	30~1000	-66.69	PASS
Band4	3MHz	QPSK	20175	15RB#0	1000~3000	-44.18	PASS
Band4	3MHz	QPSK	20175	15RB#0	3000~20000	-46.24	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.009~0.15	-46.84	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.15~30	-57.68	PASS
Band4	3MHz	QPSK	20385	15RB#0	30~1000	-66.66	PASS
Band4	3MHz	QPSK	20385	15RB#0	1000~3000	-44.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	3000~20000	-46.22	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.009~0.15	-50.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.15~30	-58.19	PASS
Band4	3MHz	16QAM	19965	15RB#0	30~1000	-66.84	PASS
Band4	3MHz	16QAM	19965	15RB#0	1000~3000	-46.41	PASS
Band4	3MHz	16QAM	19965	15RB#0	3000~20000	-46.40	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.009~0.15	-48.38	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.15~30	-57.87	PASS
Band4	3MHz	16QAM	20175	15RB#0	30~1000	-66.58	PASS
Band4	3MHz	16QAM	20175	15RB#0	1000~3000	-45.80	PASS
Band4	3MHz	16QAM	20175	15RB#0	3000~20000	-46.21	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.009~0.15	-47.41	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.15~30	-58.30	PASS
Band4	3MHz	16QAM	20385	15RB#0	30~1000	-66.61	PASS
Band4	3MHz	16QAM	20385	15RB#0	1000~3000	-47.66	PASS
Band4	3MHz	16QAM	20385	15RB#0	3000~20000	-46.19	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.009~0.15	-47.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.15~30	-59.46	PASS
Band4	5MHz	QPSK	19975	25RB#0	30~1000	-66.70	PASS
Band4	5MHz	QPSK	19975	25RB#0	1000~3000	-47.62	PASS
Band4	5MHz	QPSK	19975	25RB#0	3000~20000	-46.33	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.009~0.15	-49.11	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.15~30	-58.54	PASS
Band4	5MHz	QPSK	20175	25RB#0	30~1000	-66.80	PASS
Band4	5MHz	QPSK	20175	25RB#0	1000~3000	-47.64	PASS
Band4	5MHz	QPSK	20175	25RB#0	3000~20000	-45.94	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.009~0.15	-47.76	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.15~30	-58.47	PASS
Band4	5MHz	QPSK	20375	25RB#0	30~1000	-66.43	PASS
Band4	5MHz	QPSK	20375	25RB#0	1000~3000	-47.59	PASS
Band4	5MHz	QPSK	20375	25RB#0	3000~20000	-46.28	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.009~0.15	-47.12	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.15~30	-58.16	PASS
Band4	5MHz	16QAM	19975	25RB#0	30~1000	-66.69	PASS
Band4	5MHz	16QAM	19975	25RB#0	1000~3000	-48.79	PASS

Band4	5MHz	16QAM	19975	25RB#0	3000~20000	-46.32	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.009~0.15	-46.46	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.15~30	-59.32	PASS
Band4	5MHz	16QAM	20175	25RB#0	30~1000	-66.57	PASS
Band4	5MHz	16QAM	20175	25RB#0	1000~3000	-49.22	PASS
Band4	5MHz	16QAM	20175	25RB#0	3000~20000	-46.16	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.009~0.15	-47.81	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.15~30	-58.54	PASS
Band4	5MHz	16QAM	20375	25RB#0	30~1000	-66.69	PASS
Band4	5MHz	16QAM	20375	25RB#0	1000~3000	-50.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	3000~20000	-46.50	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.009~0.15	-45.97	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.15~30	-58.53	PASS
Band4	10MHz	QPSK	20000	50RB#0	30~1000	-66.78	PASS
Band4	10MHz	QPSK	20000	50RB#0	1000~3000	-49.89	PASS
Band4	10MHz	QPSK	20000	50RB#0	3000~20000	-46.36	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.009~0.15	-49.66	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.15~30	-57.06	PASS
Band4	10MHz	QPSK	20175	50RB#0	30~1000	-66.59	PASS
Band4	10MHz	QPSK	20175	50RB#0	1000~3000	-50.91	PASS
Band4	10MHz	QPSK	20175	50RB#0	3000~20000	-45.74	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.009~0.15	-46.28	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.15~30	-58.12	PASS
Band4	10MHz	QPSK	20350	50RB#0	30~1000	-66.61	PASS
Band4	10MHz	QPSK	20350	50RB#0	1000~3000	-50.60	PASS
Band4	10MHz	QPSK	20350	50RB#0	3000~20000	-46.04	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.009~0.15	-49.43	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.15~30	-58.52	PASS
Band4	10MHz	16QAM	20000	50RB#0	30~1000	-66.73	PASS
Band4	10MHz	16QAM	20000	50RB#0	1000~3000	-51.72	PASS
Band4	10MHz	16QAM	20000	50RB#0	3000~20000	-46.46	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.009~0.15	-49.97	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.15~30	-58.50	PASS
Band4	10MHz	16QAM	20175	50RB#0	30~1000	-66.41	PASS
Band4	10MHz	16QAM	20175	50RB#0	1000~3000	-51.73	PASS
Band4	10MHz	16QAM	20175	50RB#0	3000~20000	-46.09	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.009~0.15	-44.52	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.15~30	-57.40	PASS
Band4	10MHz	16QAM	20350	50RB#0	30~1000	-66.69	PASS
Band4	10MHz	16QAM	20350	50RB#0	1000~3000	-52.07	PASS
Band4	10MHz	16QAM	20350	50RB#0	3000~20000	-46.15	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.009~0.15	-47.47	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.15~30	-58.88	PASS

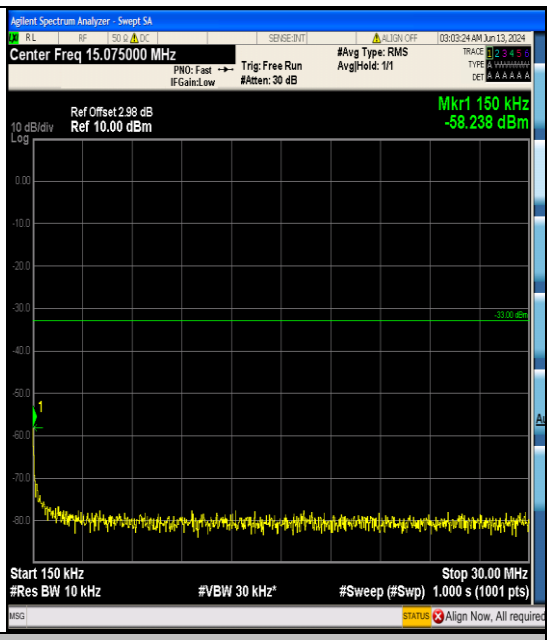
Band4	15MHz	QPSK	20025	75RB#0	30~1000	-66.65	PASS
Band4	15MHz	QPSK	20025	75RB#0	1000~3000	-48.81	PASS
Band4	15MHz	QPSK	20025	75RB#0	3000~20000	-46.41	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.009~0.15	-47.74	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.15~30	-58.33	PASS
Band4	15MHz	QPSK	20175	75RB#0	30~1000	-66.73	PASS
Band4	15MHz	QPSK	20175	75RB#0	1000~3000	-48.09	PASS
Band4	15MHz	QPSK	20175	75RB#0	3000~20000	-46.33	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.009~0.15	-46.61	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.15~30	-58.03	PASS
Band4	15MHz	QPSK	20325	75RB#0	30~1000	-66.64	PASS
Band4	15MHz	QPSK	20325	75RB#0	1000~3000	-50.83	PASS
Band4	15MHz	QPSK	20325	75RB#0	3000~20000	-46.42	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.009~0.15	-49.39	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.15~30	-60.71	PASS
Band4	15MHz	16QAM	20025	75RB#0	30~1000	-66.73	PASS
Band4	15MHz	16QAM	20025	75RB#0	1000~3000	-52.44	PASS
Band4	15MHz	16QAM	20025	75RB#0	3000~20000	-46.37	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.009~0.15	-50.59	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.15~30	-57.81	PASS
Band4	15MHz	16QAM	20175	75RB#0	30~1000	-66.84	PASS
Band4	15MHz	16QAM	20175	75RB#0	1000~3000	-51.67	PASS
Band4	15MHz	16QAM	20175	75RB#0	3000~20000	-46.33	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.009~0.15	-49.47	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.15~30	-60.18	PASS
Band4	15MHz	16QAM	20325	75RB#0	30~1000	-66.56	PASS
Band4	15MHz	16QAM	20325	75RB#0	1000~3000	-51.21	PASS
Band4	15MHz	16QAM	20325	75RB#0	3000~20000	-46.12	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.009~0.15	-47.26	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.15~30	-57.75	PASS
Band4	20MHz	QPSK	20050	100RB#0	30~1000	-66.60	PASS
Band4	20MHz	QPSK	20050	100RB#0	1000~3000	-52.64	PASS
Band4	20MHz	QPSK	20050	100RB#0	3000~20000	-46.14	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.009~0.15	-51.32	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.15~30	-58.58	PASS
Band4	20MHz	QPSK	20175	100RB#0	30~1000	-66.52	PASS
Band4	20MHz	QPSK	20175	100RB#0	1000~3000	-52.49	PASS
Band4	20MHz	QPSK	20175	100RB#0	3000~20000	-46.36	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.009~0.15	-49.23	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.15~30	-58.52	PASS
Band4	20MHz	QPSK	20300	100RB#0	30~1000	-66.55	PASS
Band4	20MHz	QPSK	20300	100RB#0	1000~3000	-52.46	PASS
Band4	20MHz	QPSK	20300	100RB#0	3000~20000	-45.84	PASS

Band4	20MHz	16QAM	20050	100RB#0	0.009~0.15	-46.74	PASS
Band4	20MHz	16QAM	20050	100RB#0	0.15~30	-57.56	PASS
Band4	20MHz	16QAM	20050	100RB#0	30~1000	-66.82	PASS
Band4	20MHz	16QAM	20050	100RB#0	1000~3000	-52.61	PASS
Band4	20MHz	16QAM	20050	100RB#0	3000~20000	-46.22	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.009~0.15	-49.43	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.15~30	-57.45	PASS
Band4	20MHz	16QAM	20175	100RB#0	30~1000	-66.67	PASS
Band4	20MHz	16QAM	20175	100RB#0	1000~3000	-52.60	PASS
Band4	20MHz	16QAM	20175	100RB#0	3000~20000	-45.47	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.009~0.15	-47.06	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.15~30	-56.86	PASS
Band4	20MHz	16QAM	20300	100RB#0	30~1000	-66.43	PASS
Band4	20MHz	16QAM	20300	100RB#0	1000~3000	-52.60	PASS
Band4	20MHz	16QAM	20300	100RB#0	3000~20000	-46.26	PASS

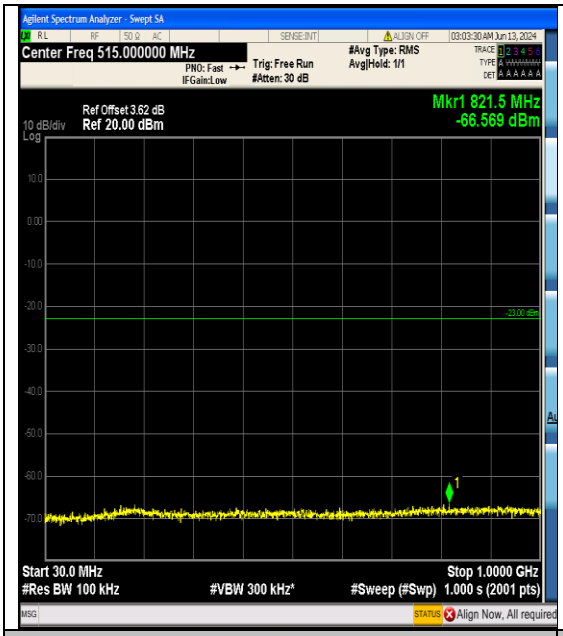
Test Graphs



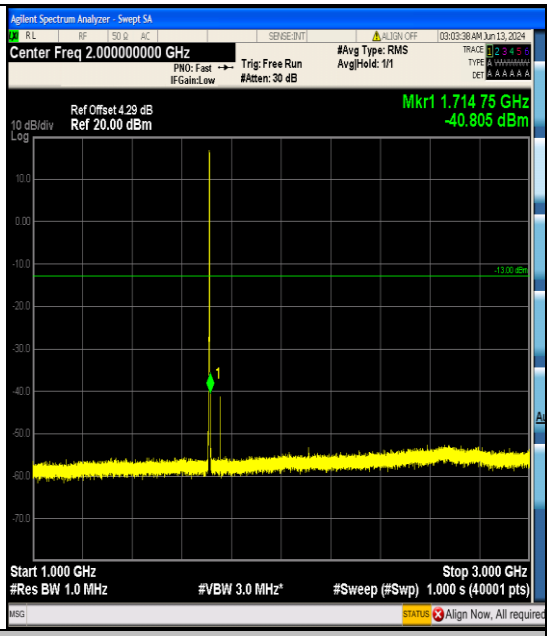
Band4_1.4MHz_QPSK_19957_6RB#0_0.009~0.15_0.009~0.15



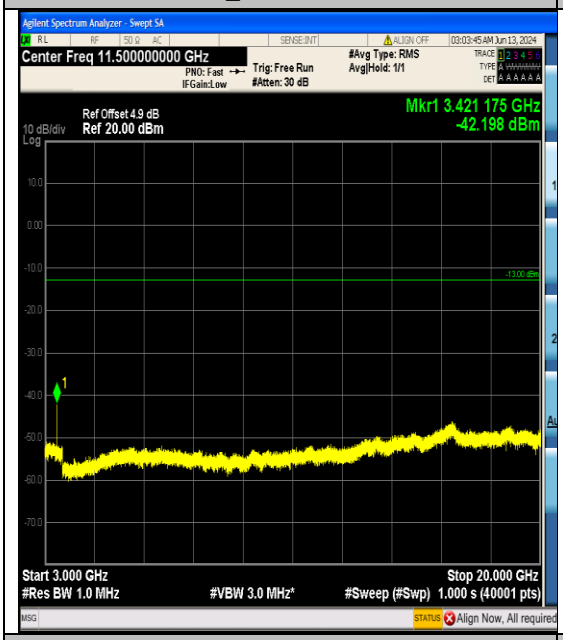
Band4_1.4MHz_QPSK_19957_6RB#0_0.15~30_0.15~30



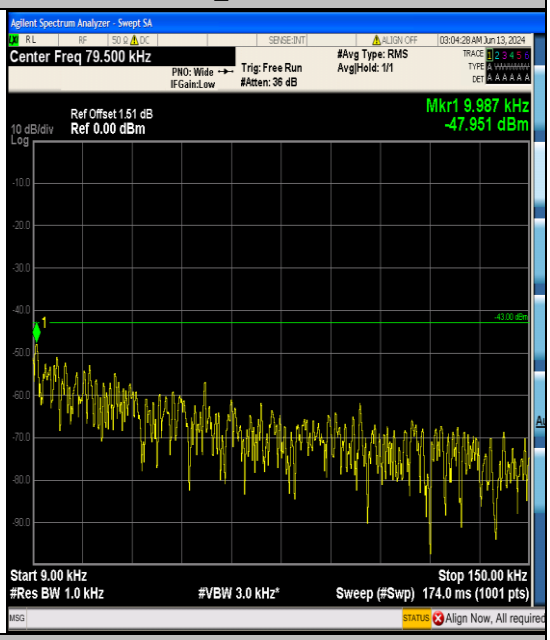
Band4_1.4MHz_QPSK_19957_6RB#0_30~1000_30~1000



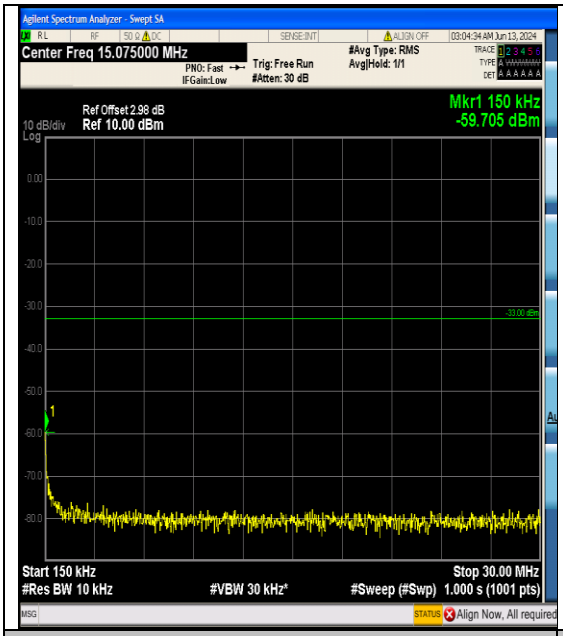
Band4_1.4MHz_QPSK_19957_6RB#0_1000~3000_1000~3000



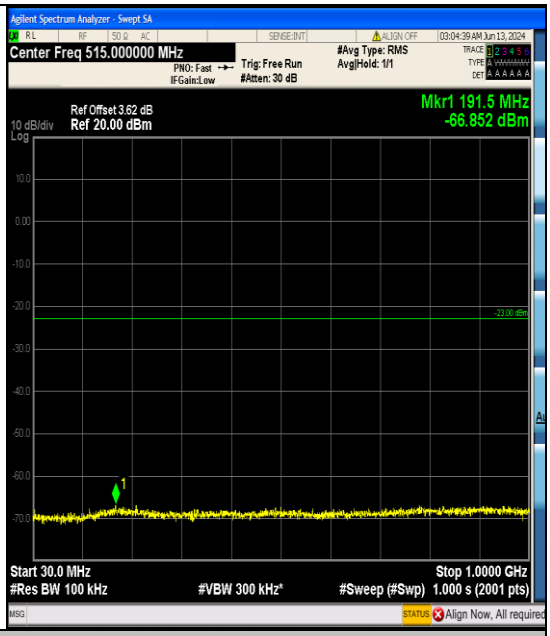
Band4_1.4MHz_QPSK_19957_6RB#0_3000~20000_3000~20000



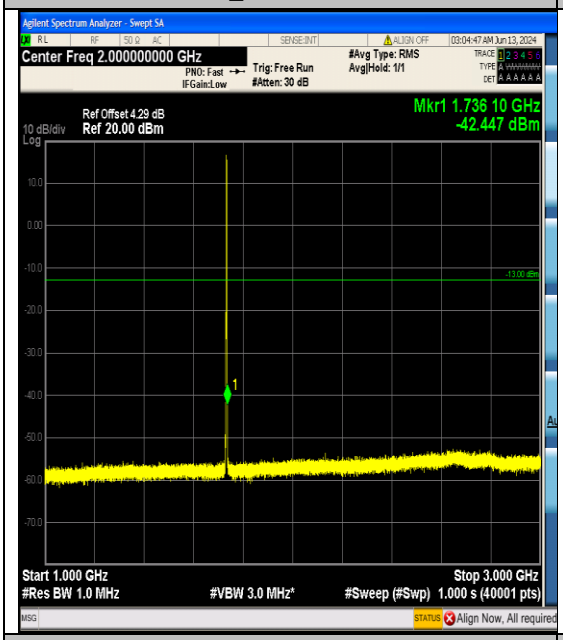
Band4_1.4MHz_QPSK_20175_6RB#0_0.009~0.15_0.009~0.15



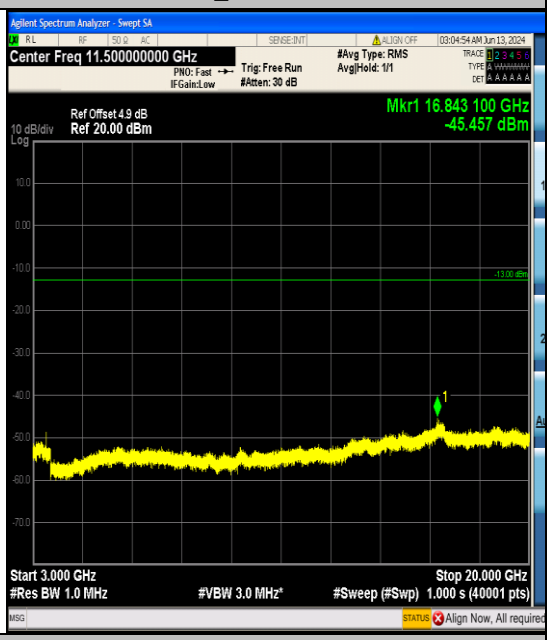
Band4_1.4MHz_QPSK_20175_6RB#0_0.15~30_0.15~30



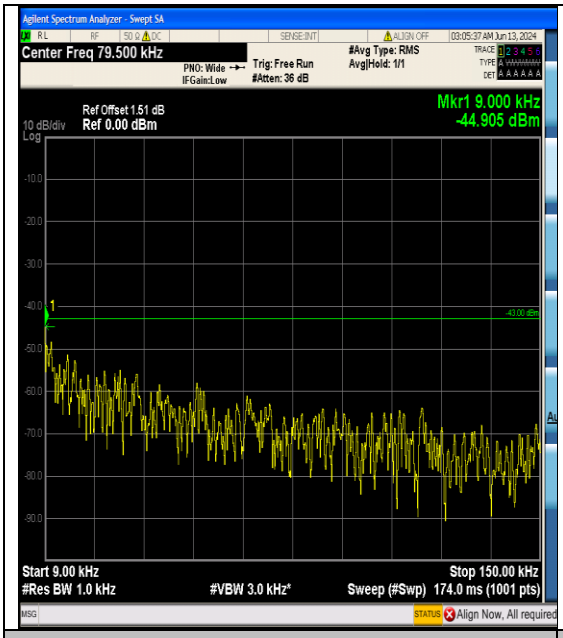
Band4_1.4MHz_QPSK_20175_6RB#0_30~1000_30~1000



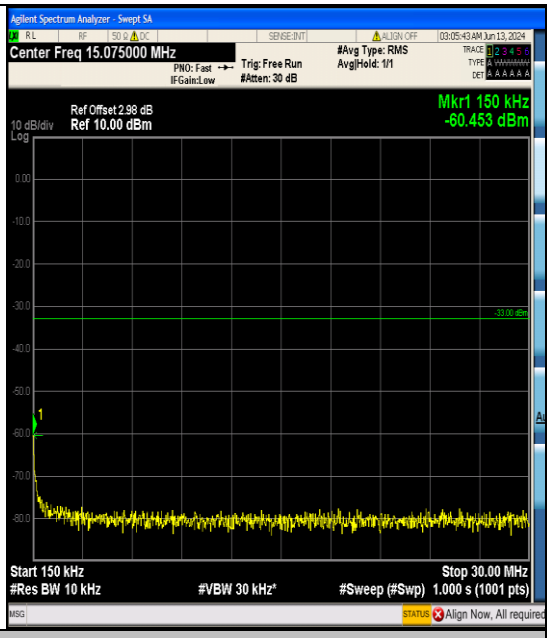
Band4_1.4MHz_QPSK_20175_6RB#0_1000~3000_1000~3000



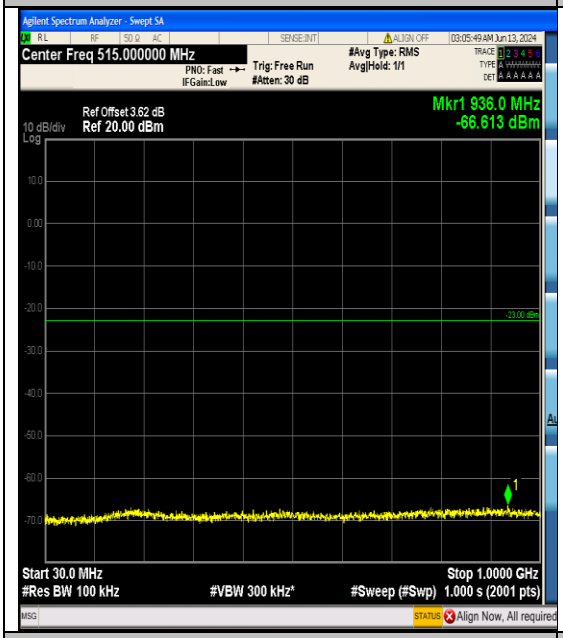
Band4_1.4MHz_QPSK_20175_6RB#0_3000~20000_3000~20000



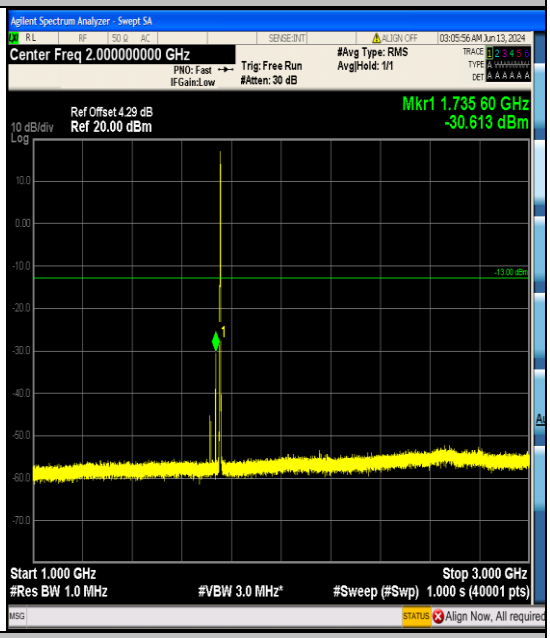
Band4_1.4MHz_QPSK_20393_6RB#0_0.009~0.15_0.009~0.15



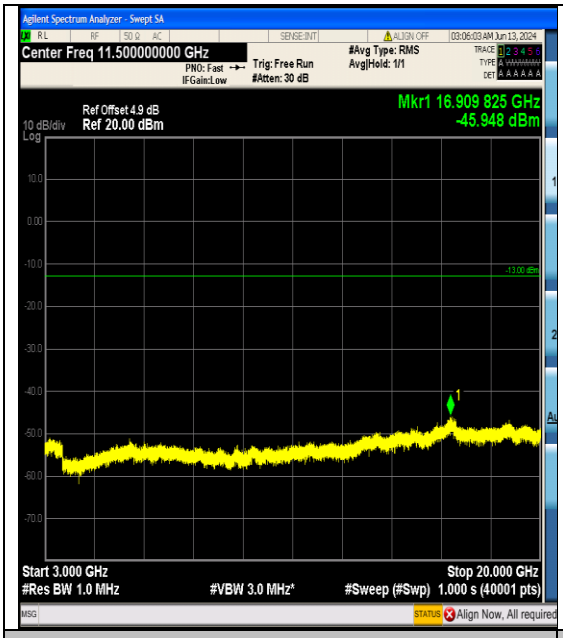
Band4_1.4MHz_QPSK_20393_6RB#0_0.15~30_0.15~30



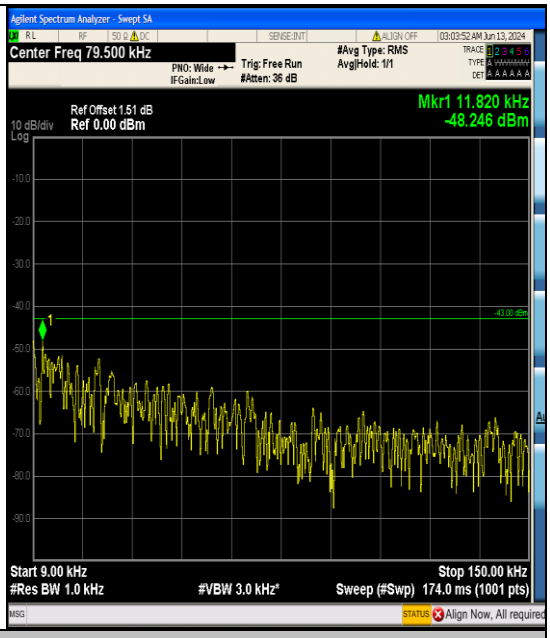
Band4_1.4MHz_QPSK_20393_6RB#0_30~1000_30~1000



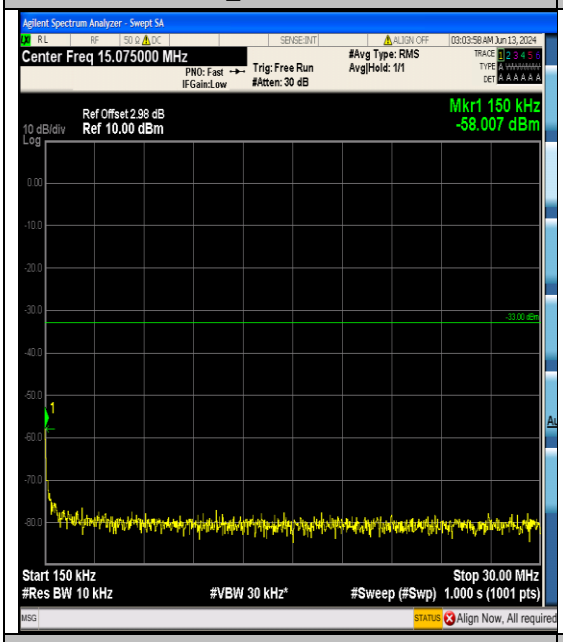
Band4_1.4MHz_QPSK_20393_6RB#0_1000~3000_1000~3000



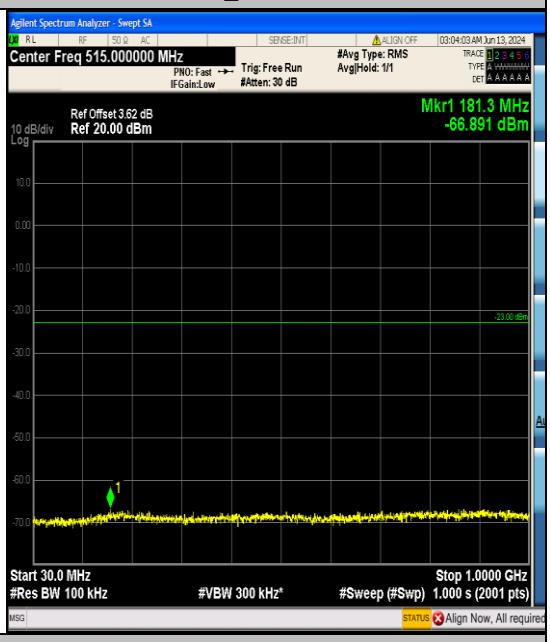
Band4_1.4MHz_QPSK_20393_6RB#0_3000~20000_3000~20000



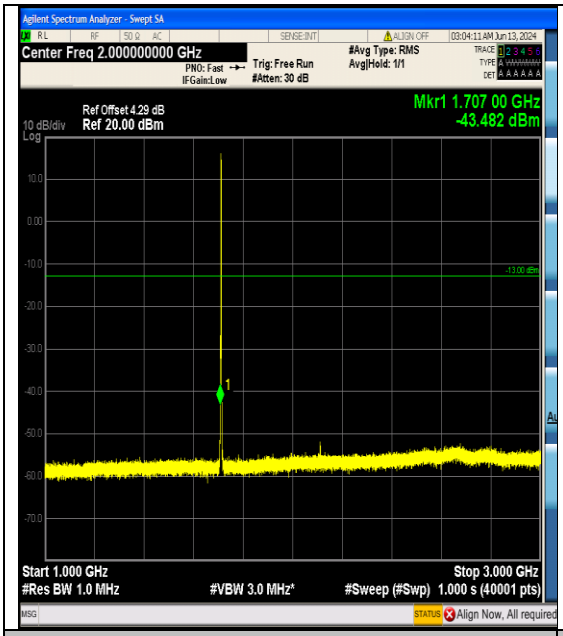
Band4_1.4MHz_16QAM_19957_6RB#0_0.009~0.15_0.009~0.15



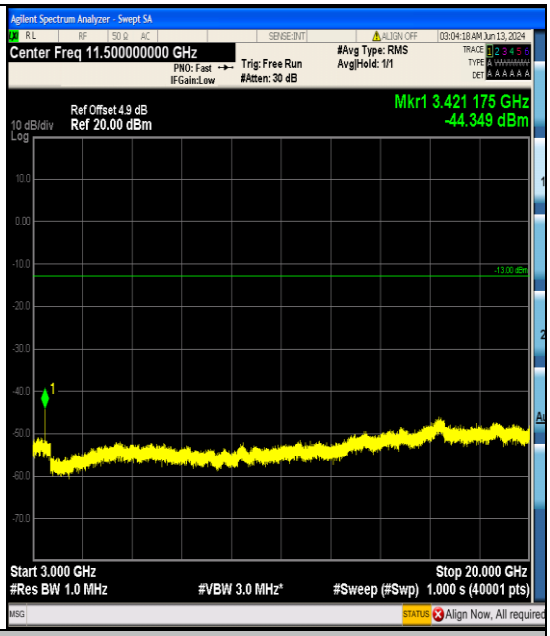
Band4_1.4MHz_16QAM_19957_6RB#0_0.15~30_0.15~30



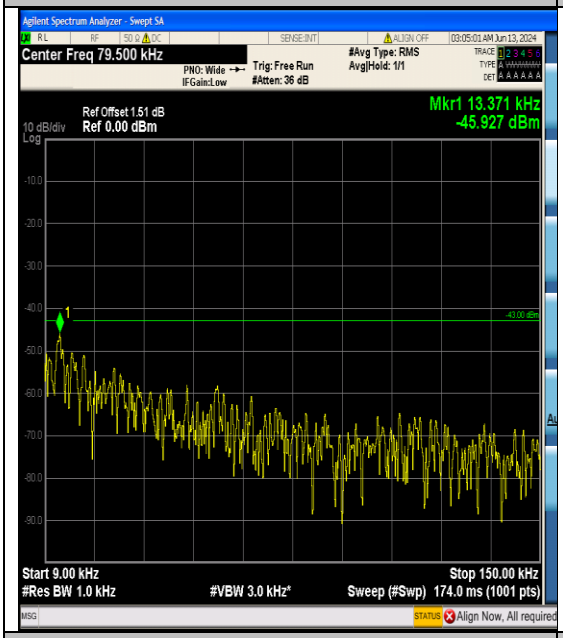
Band4_1.4MHz_16QAM_19957_6RB#0_30~1000_30~1000



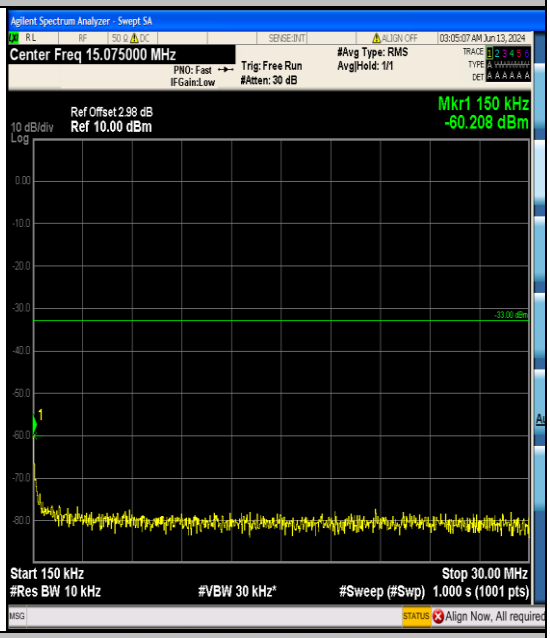
Band4_1.4MHz_16QAM_19957_6RB#0_1000~3000_1000~3000



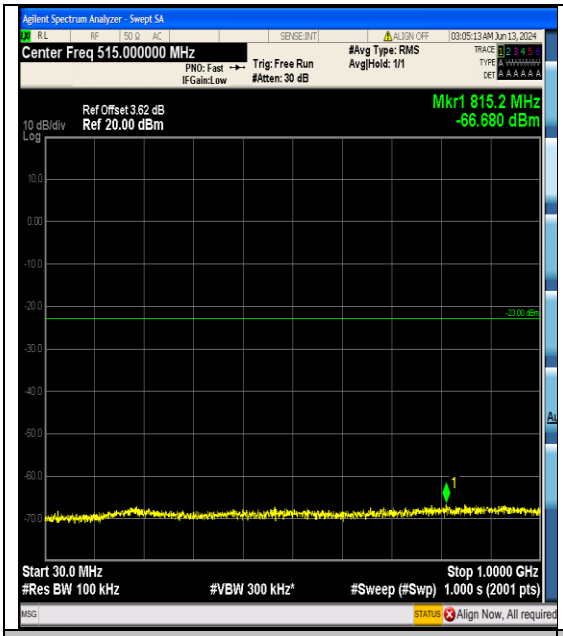
Band4_1.4MHz_16QAM_19957_6RB#0_3000~20000_3000~20000



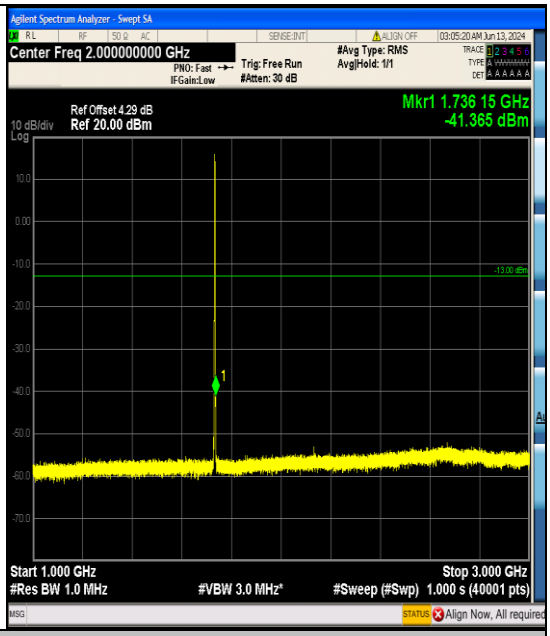
Band4_1.4MHz_16QAM_20175_6RB#0_0.009~0.15_0.009~0.15



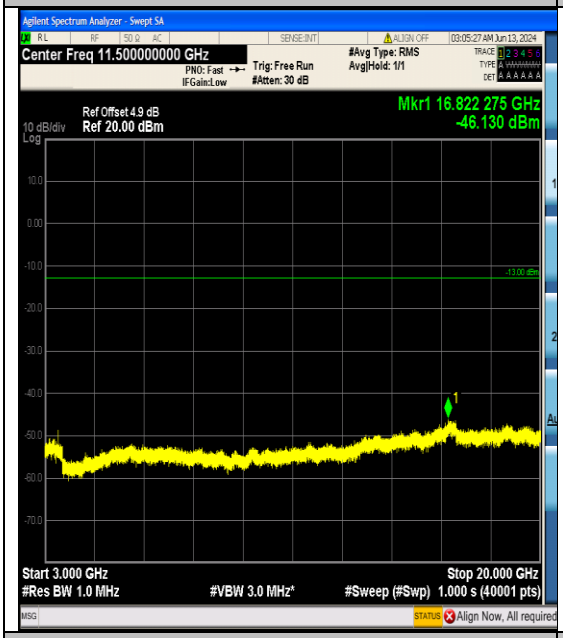
Band4_1.4MHz_16QAM_20175_6RB#0_0.15~30_0.15~30



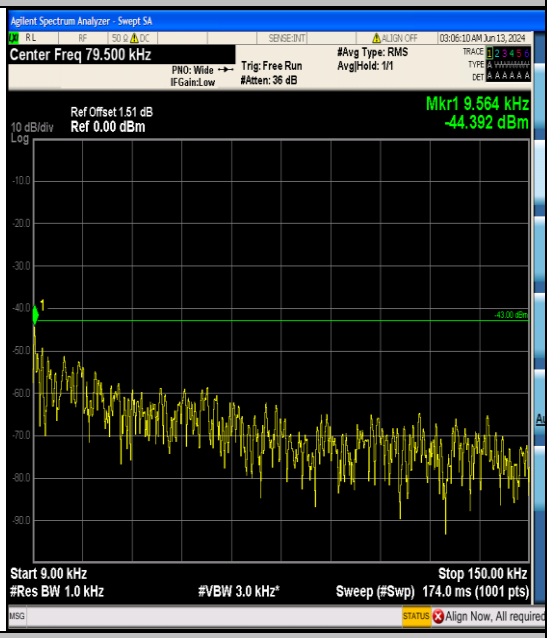
Band4_1.4MHz_16QAM_20175_6RB#0_30~1000_30~1000



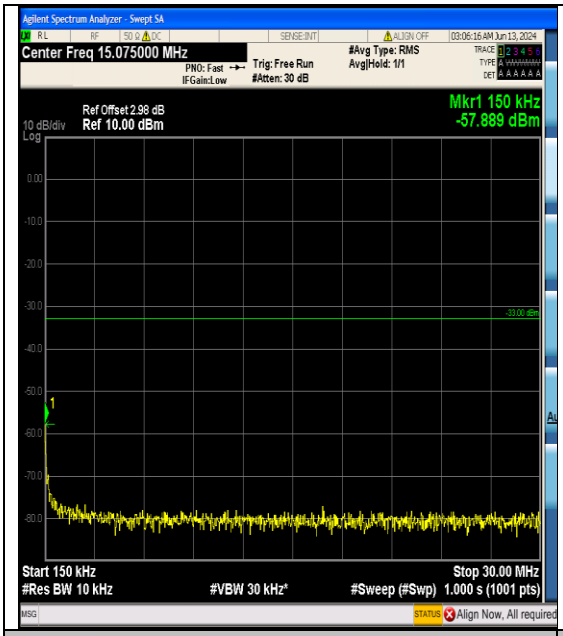
Band4_1.4MHz_16QAM_20175_6RB#0_1000~3000_1000~3000



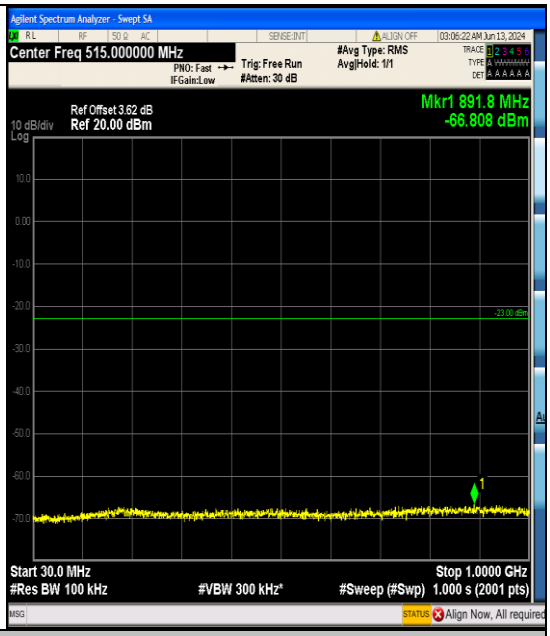
Band4_1.4MHz_16QAM_20175_6RB#0_3000~20000_3000~20000



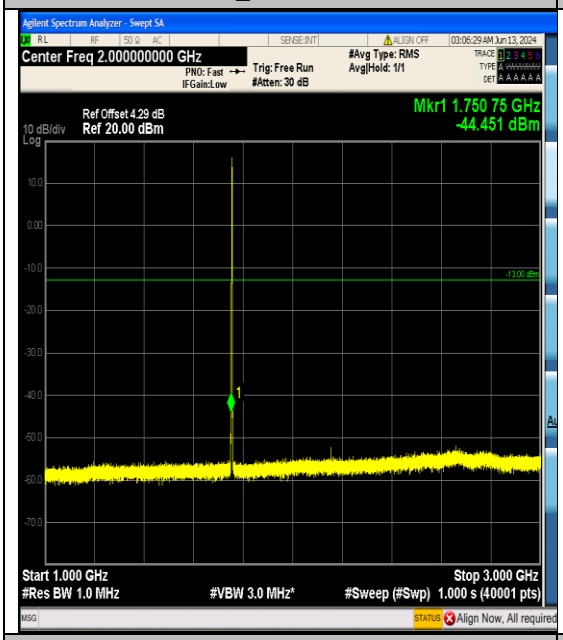
Band4_1.4MHz_16QAM_20393_6RB#0_0.009~0.15_0.009~0.15



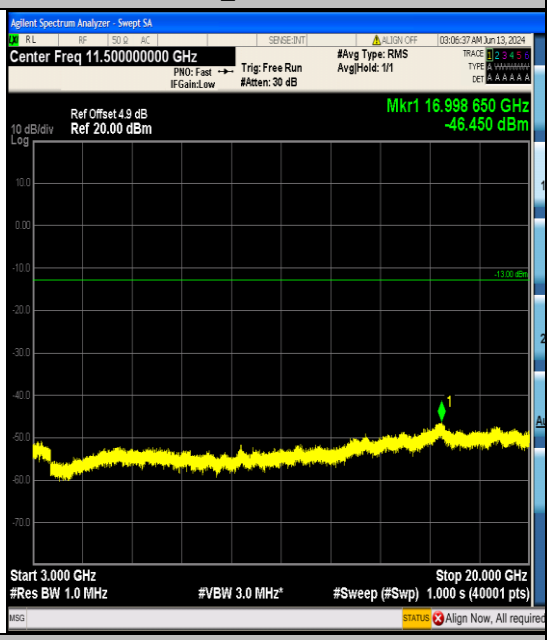
Band4_1.4MHz_16QAM_20393_6RB#0_0.15~30_0.15~30



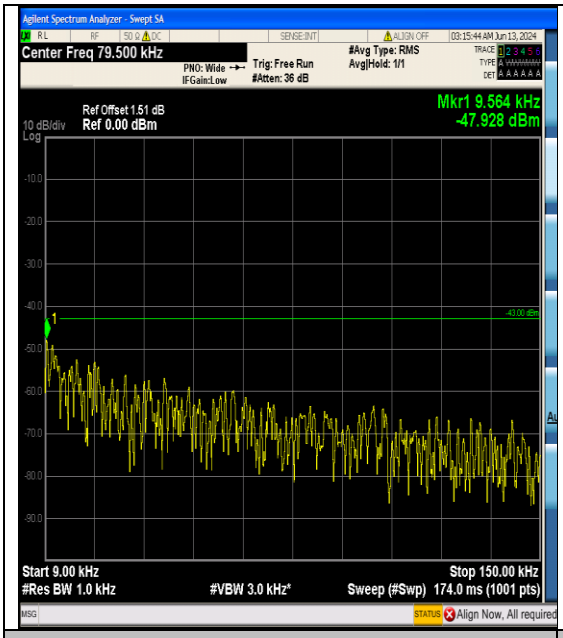
Band4_1.4MHz_16QAM_20393_6RB#0_30~1000_30~1000



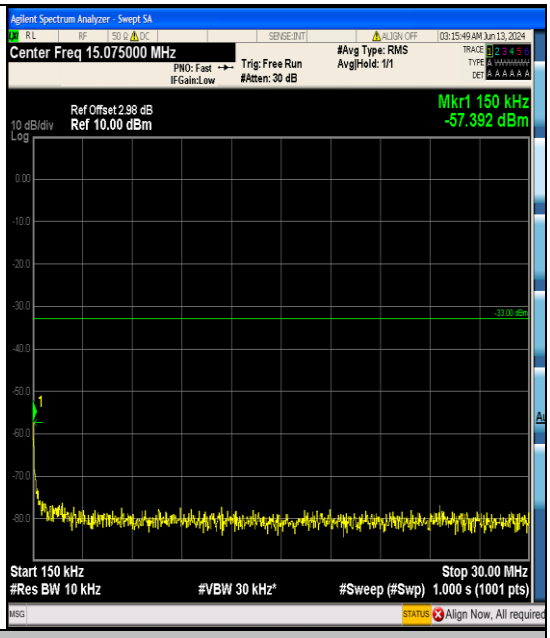
Band4_1.4MHz_16QAM_20393_6RB#0_1000~3000_1000~3000



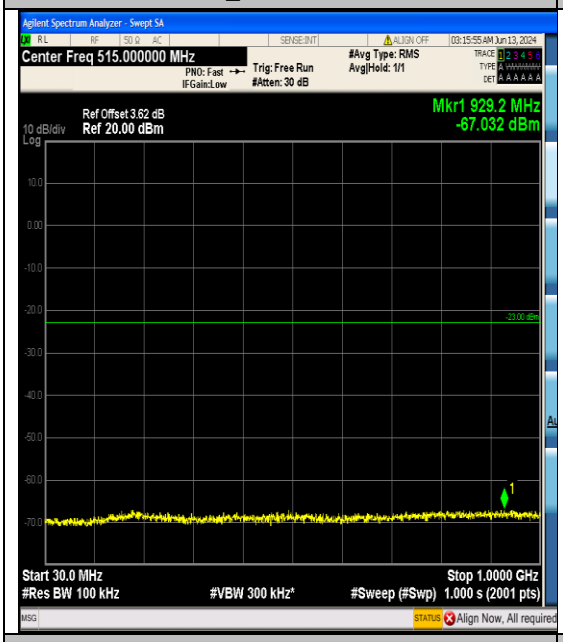
Band4_1.4MHz_16QAM_20393_6RB#0_3000~20000_3000~20000



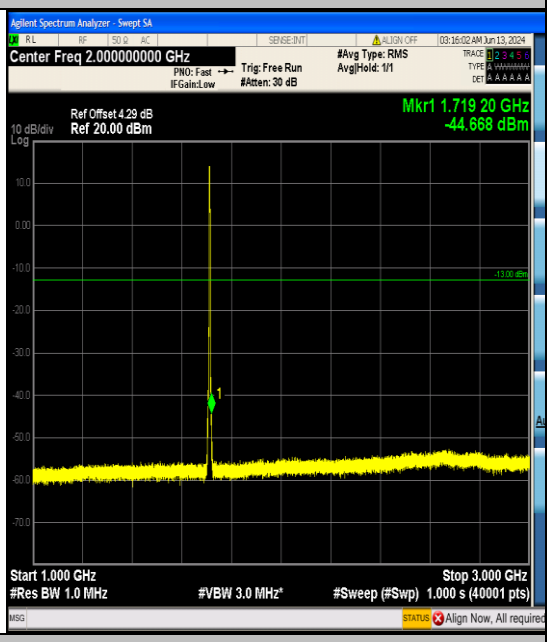
Band4_3MHz_QPSK_19965_15RB#0_0.009~0.15_0.009~0.15



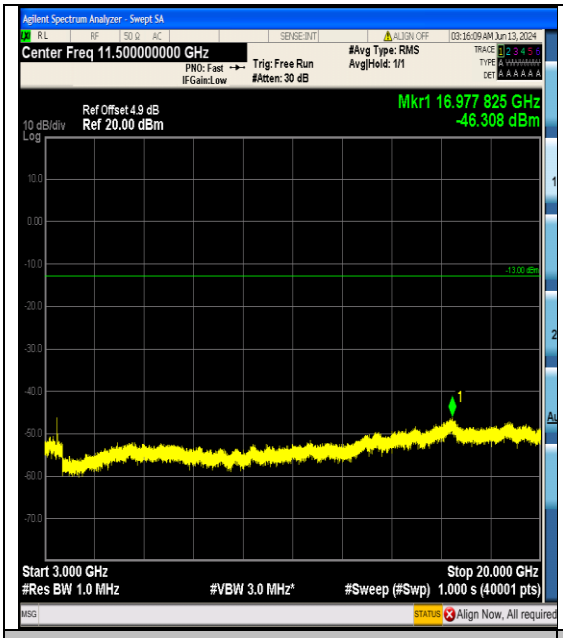
Band4_3MHz_QPSK_19965_15RB#0_0.15~30_0.15~30



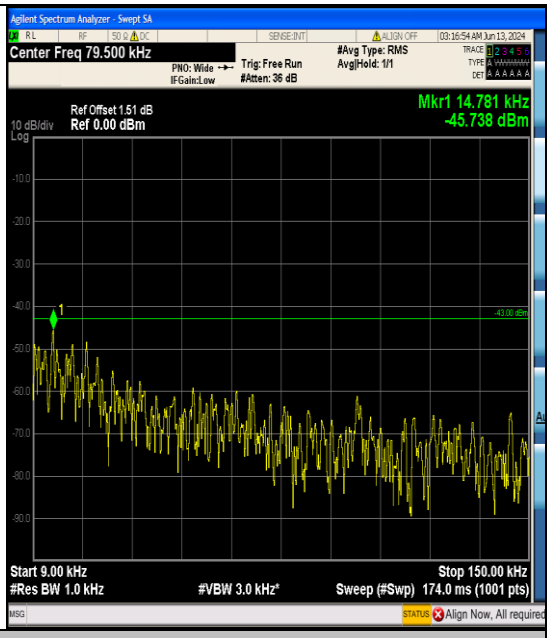
Band4_3MHz_QPSK_19965_15RB#0_30~1000_30~1000



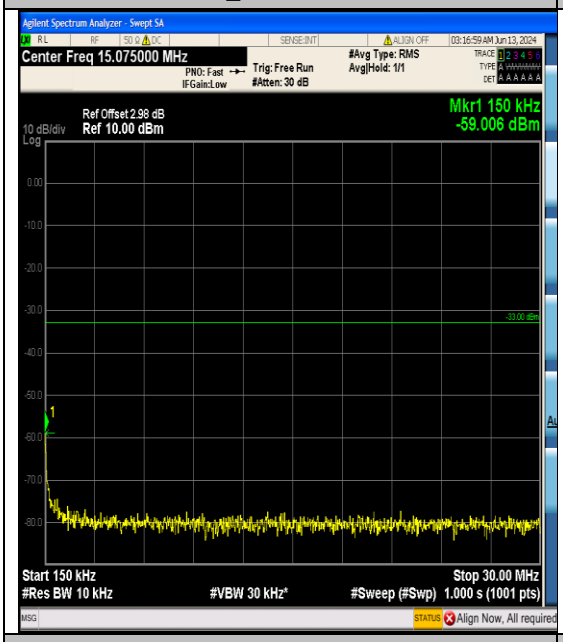
Band4_3MHz_QPSK_19965_15RB#0_1000~3000_1000~3000



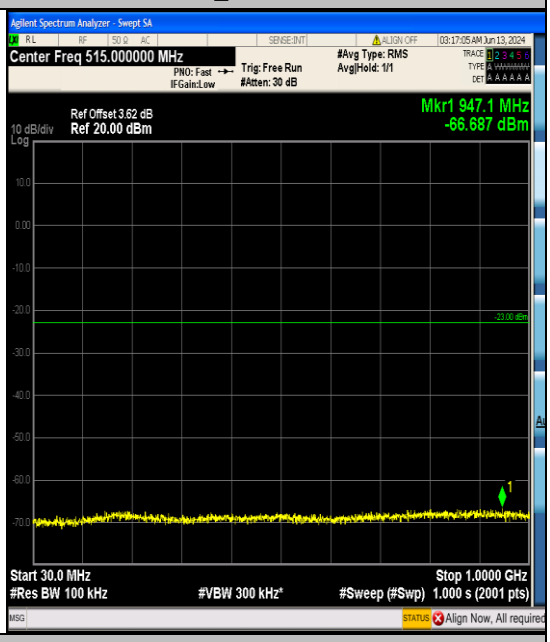
Band4_3MHz_QPSK_19965_15RB#0_3000~20000_3000~20000



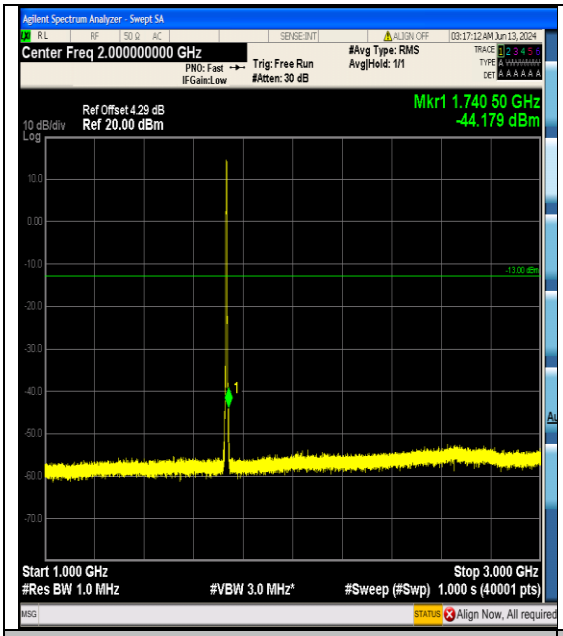
Band4_3MHz_QPSK_20175_15RB#0_0.009~0.15_0.009~0.15



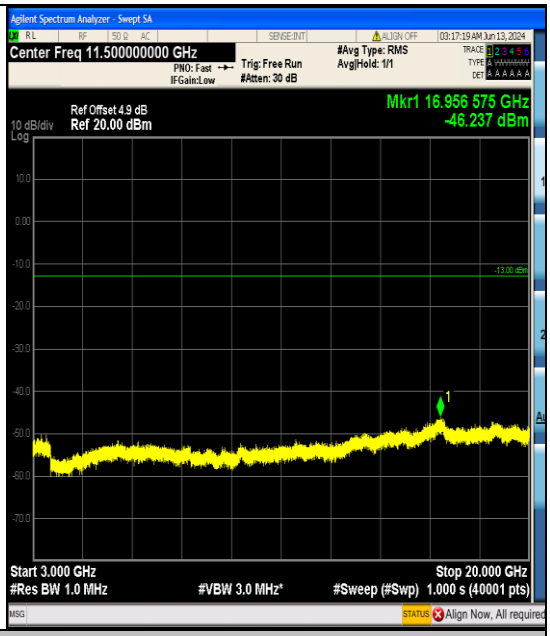
Band4_3MHz_QPSK_20175_15RB#0_0.15~30_0.15~30



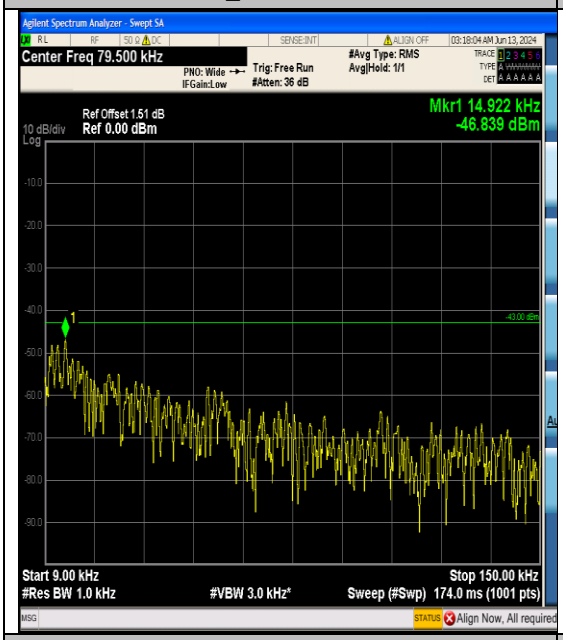
Band4_3MHz_QPSK_20175_15RB#0_30~1000_30~1000



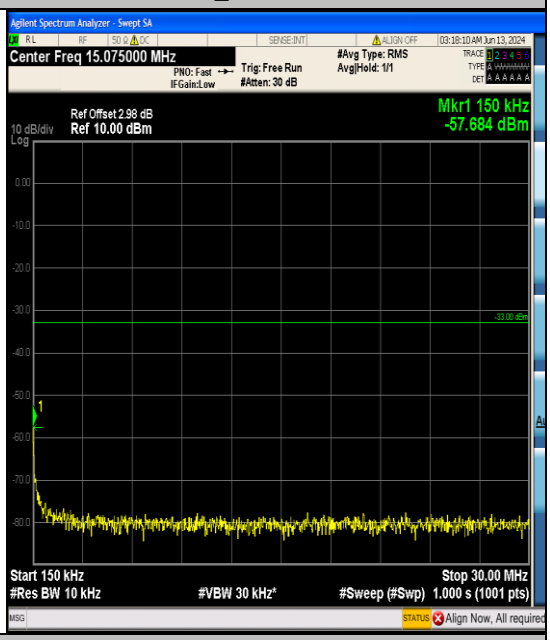
Band4_3MHz_QPSK_20175_15RB#0_1000~3000_1000~3000



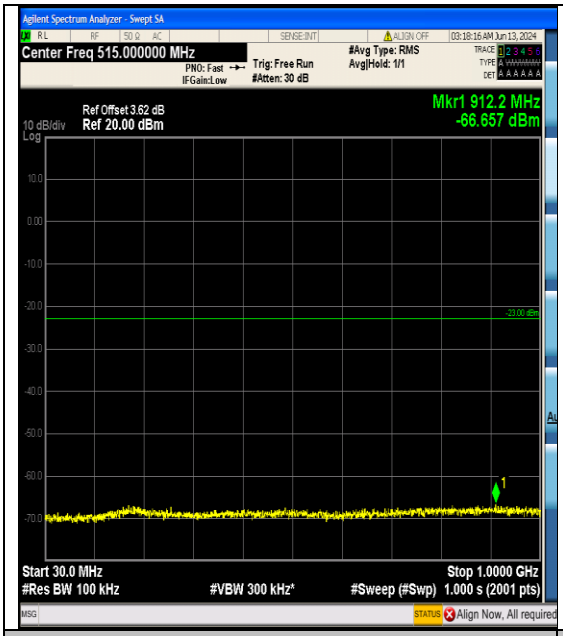
Band4_3MHz_QPSK_20175_15RB#0_3000~20000_3000~20000



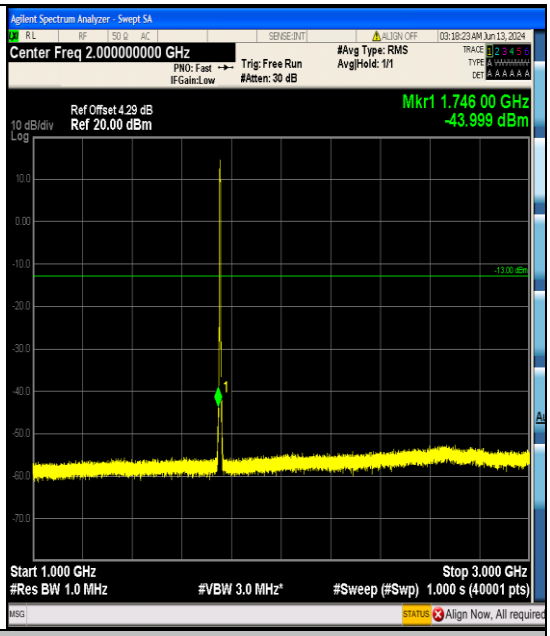
Band4_3MHz_QPSK_20385_15RB#0_0.009~0.15_0.009~0.15



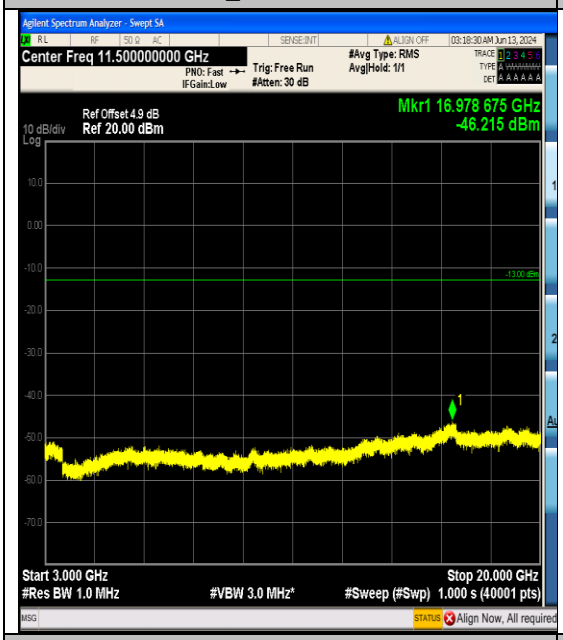
Band4_3MHz_QPSK_20385_15RB#0_0.15~30_0.15~30



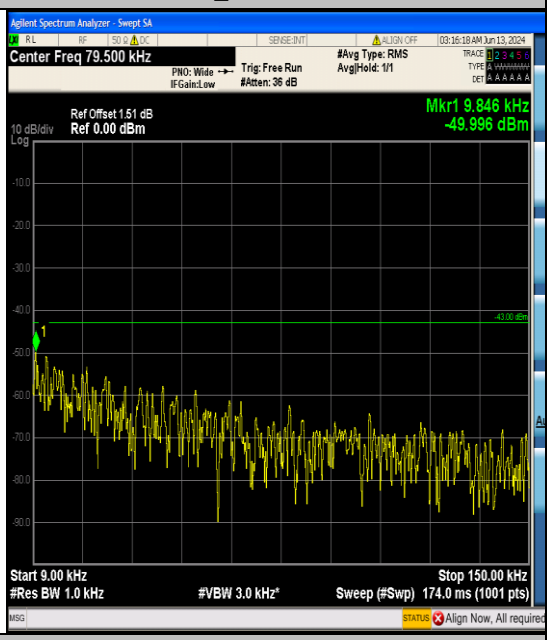
Band4_3MHz_QPSK_20385_15RB#0_30~1000_30~1000



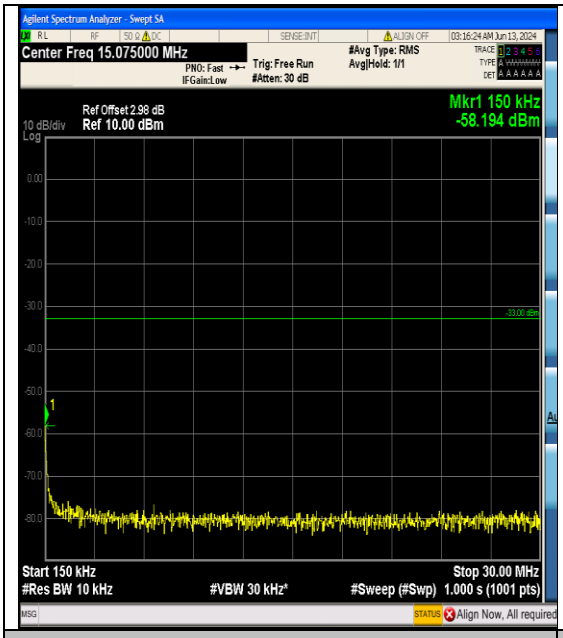
Band4_3MHz_QPSK_20385_15RB#0_1000~3000_1000~3000



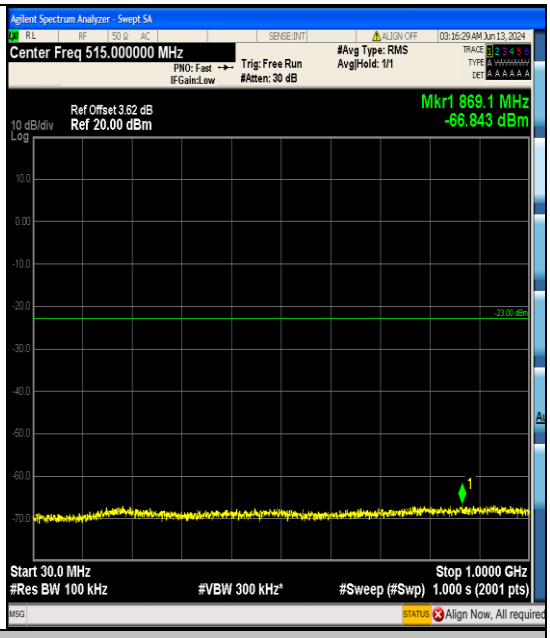
Band4_3MHz_QPSK_20385_15RB#0_3000~20000_3000~20000



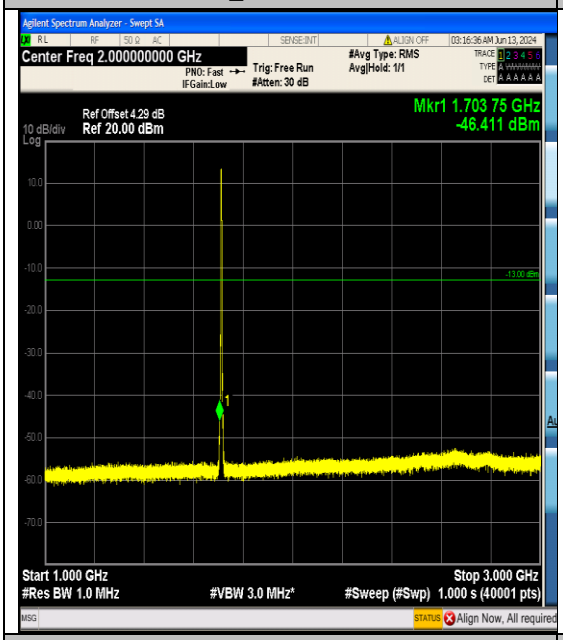
Band4_3MHz_16QAM_19965_15RB#0_0.009~0.15_0.009~0.15



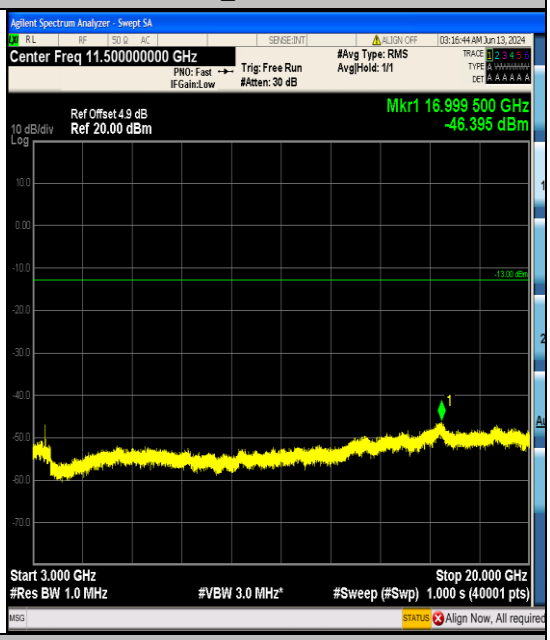
Band4_3MHz_16QAM_19965_15RB#0_0.15~30_0.15~30



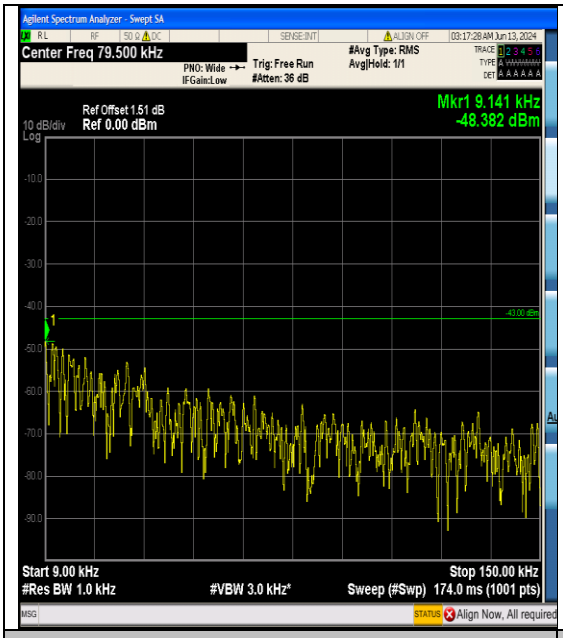
Band4_3MHz_16QAM_19965_15RB#0_30~1000_30~1000



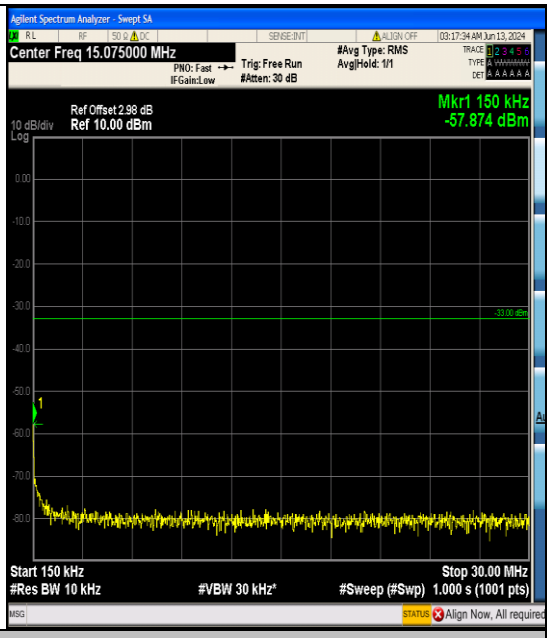
Band4_3MHz_16QAM_19965_15RB#0_1000~3000_1000~3000



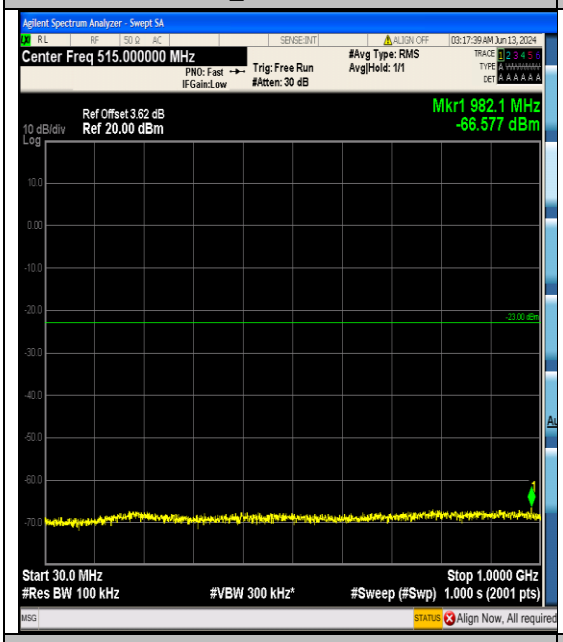
Band4_3MHz_16QAM_19965_15RB#0_3000~20000_3000~20000



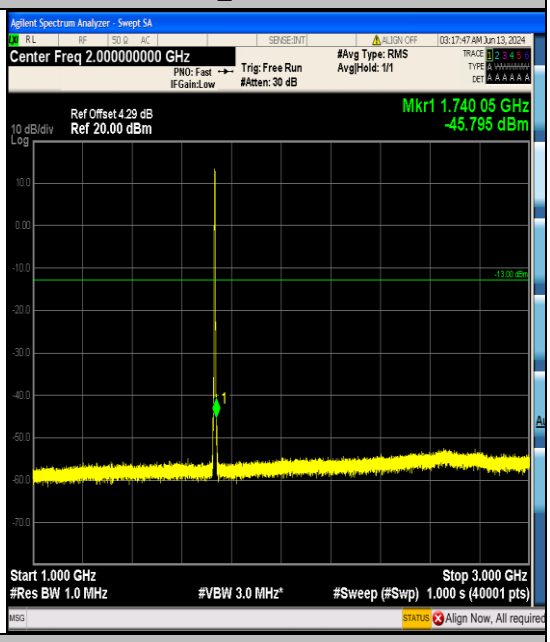
Band4_3MHz_16QAM_20175_15RB#0_0.009~0.15_0.009~0.15



Band4_3MHz_16QAM_20175_15RB#0_0.15~30_0.15~30



Band4_3MHz_16QAM_20175_15RB#0_30~1000_30~1000



Band4_3MHz_16QAM_20175_15RB#0_1000~3000_1000~3000