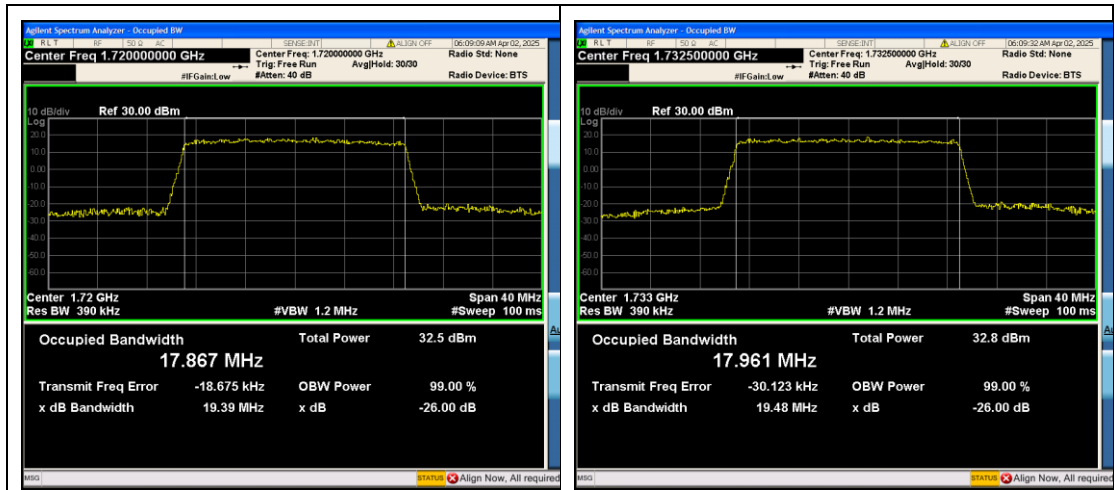




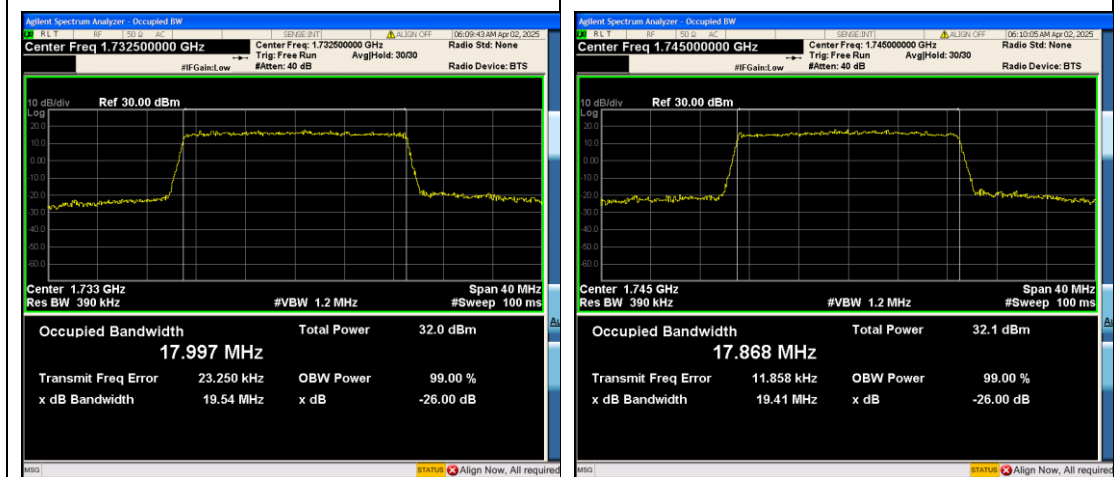
Band4-20MHz-QPSK-20050-100RB#0-PASS

Band4-20MHz-QPSK-20175-100RB#0-PASS



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

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



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

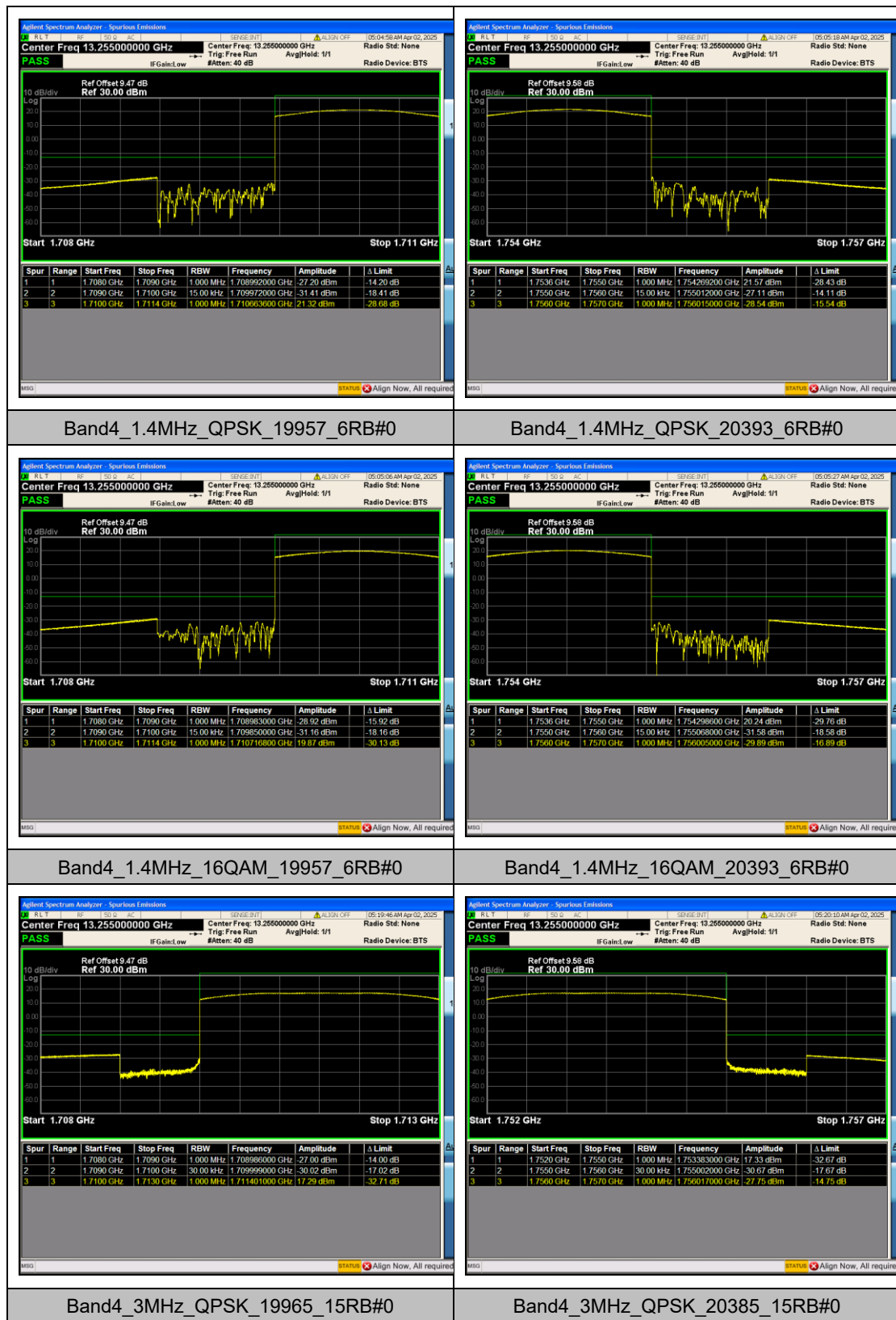
Band4-20MHz-16QAM-20300-100RB#0-PASS

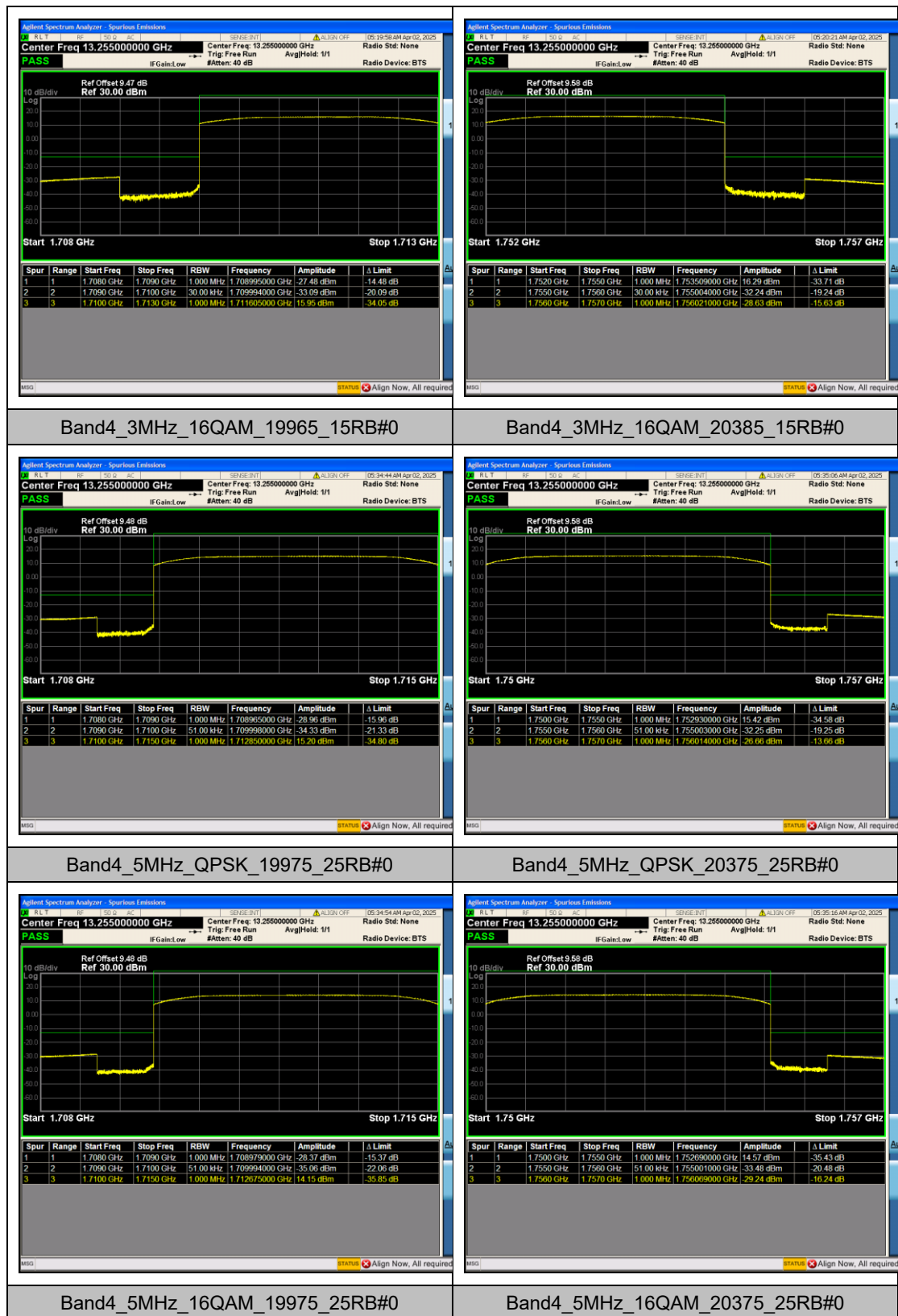
Appendix D: Band Edge

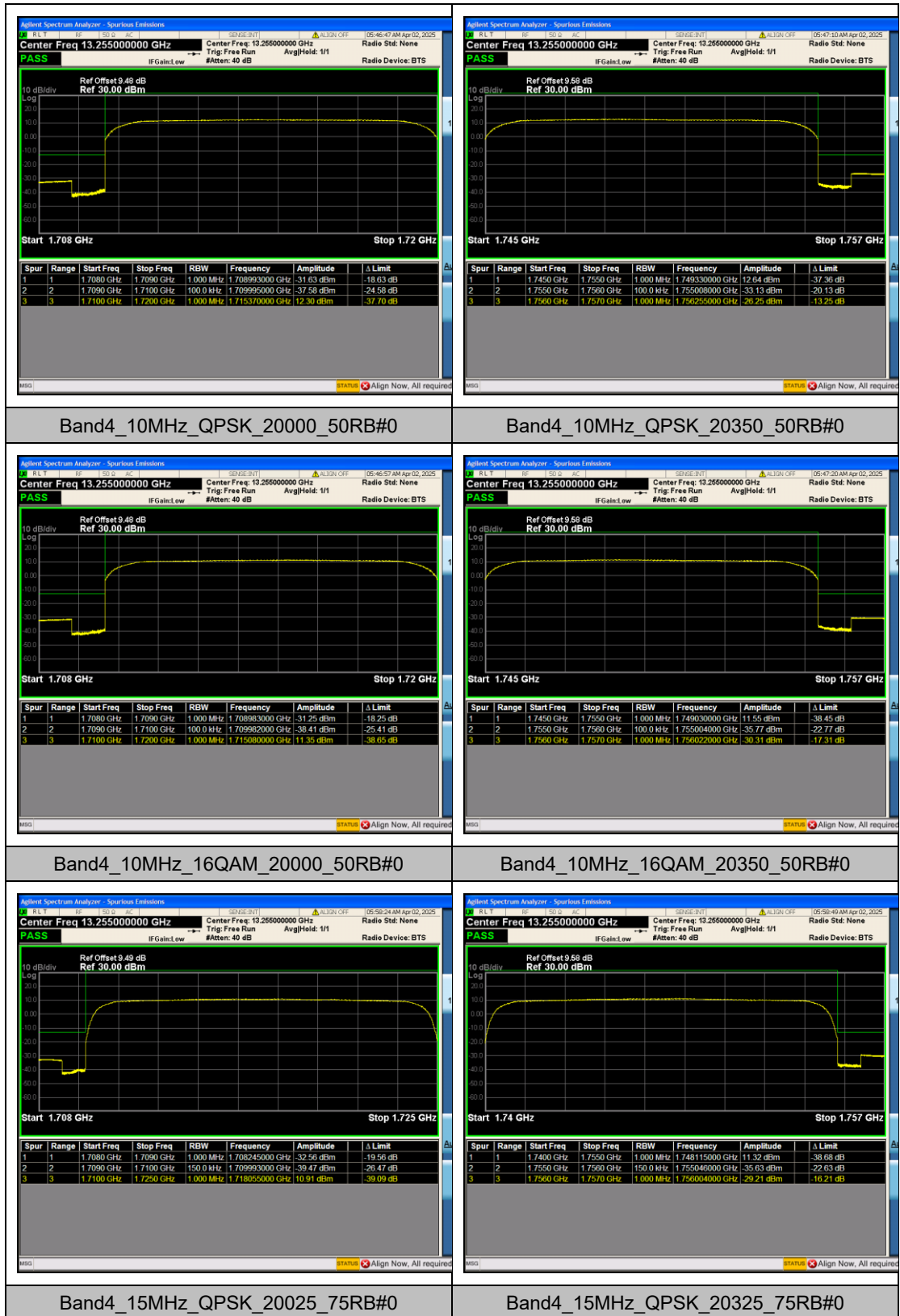
Test Result

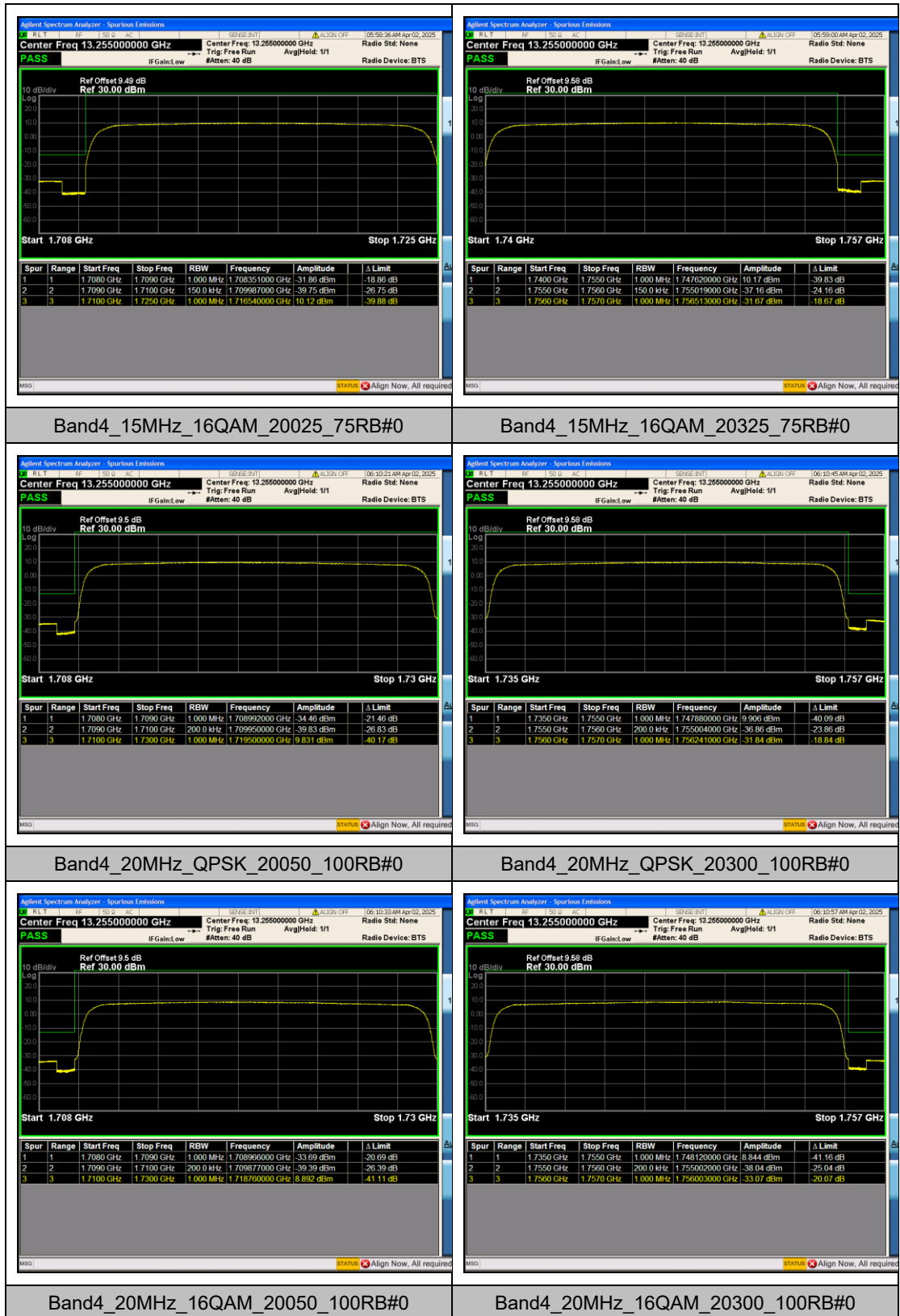
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-27.20	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-27.11	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.92	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-29.89	PASS
Band4	3MHz	QPSK	19965	15RB#0	-27.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	-27.75	PASS
Band4	3MHz	16QAM	19965	15RB#0	-27.48	PASS
Band4	3MHz	16QAM	20385	15RB#0	-28.63	PASS
Band4	5MHz	QPSK	19975	25RB#0	-28.96	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.66	PASS
Band4	5MHz	16QAM	19975	25RB#0	-28.37	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.24	PASS
Band4	10MHz	QPSK	20000	50RB#0	-31.63	PASS
Band4	10MHz	QPSK	20350	50RB#0	-26.25	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.25	PASS
Band4	10MHz	16QAM	20350	50RB#0	-30.31	PASS
Band4	15MHz	QPSK	20025	75RB#0	-32.56	PASS
Band4	15MHz	QPSK	20325	75RB#0	-29.21	PASS
Band4	15MHz	16QAM	20025	75RB#0	-31.86	PASS
Band4	15MHz	16QAM	20325	75RB#0	-31.67	PASS
Band4	20MHz	QPSK	20050	100RB#0	-34.46	PASS
Band4	20MHz	QPSK	20300	100RB#0	-31.84	PASS
Band4	20MHz	16QAM	20050	100RB#0	-33.69	PASS
Band4	20MHz	16QAM	20300	100RB#0	-33.07	PASS

Test Graphs









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	-56.08	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	0.15~30	-53.46	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	30~1000	-59.18	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1000~3000	-33.86	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	3000~20000	-38.46	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.009~0.15	-57.19	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.15~30	-53.26	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	30~1000	-61.42	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1000~3000	-32.23	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	3000~20000	-38.56	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.009~0.15	-57.38	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.15~30	-52.28	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	30~1000	-60.29	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1000~3000	-35.07	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3000~20000	-38.42	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.009~0.15	-58.38	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.15~30	-51.56	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	30~1000	-59.52	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1000~3000	-36.59	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	3000~20000	-38.42	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.009~0.15	-54.68	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.15~30	-53.81	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	30~1000	-59.98	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1000~3000	-34.11	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	3000~20000	-38.35	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.009~0.15	-59.63	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.15~30	-52.42	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	30~1000	-58.90	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1000~3000	-34.88	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	3000~20000	-38.49	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.009~0.15	-56.20	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.15~30	-52.60	PASS
Band4	3MHz	QPSK	19965	15RB#0	30~1000	-59.70	PASS
Band4	3MHz	QPSK	19965	15RB#0	1000~3000	-35.83	PASS
Band4	3MHz	QPSK	19965	15RB#0	3000~20000	-38.20	PASS
Band4	3MHz	QPSK	20175	15RB#0	0.009~0.15	-56.54	PASS

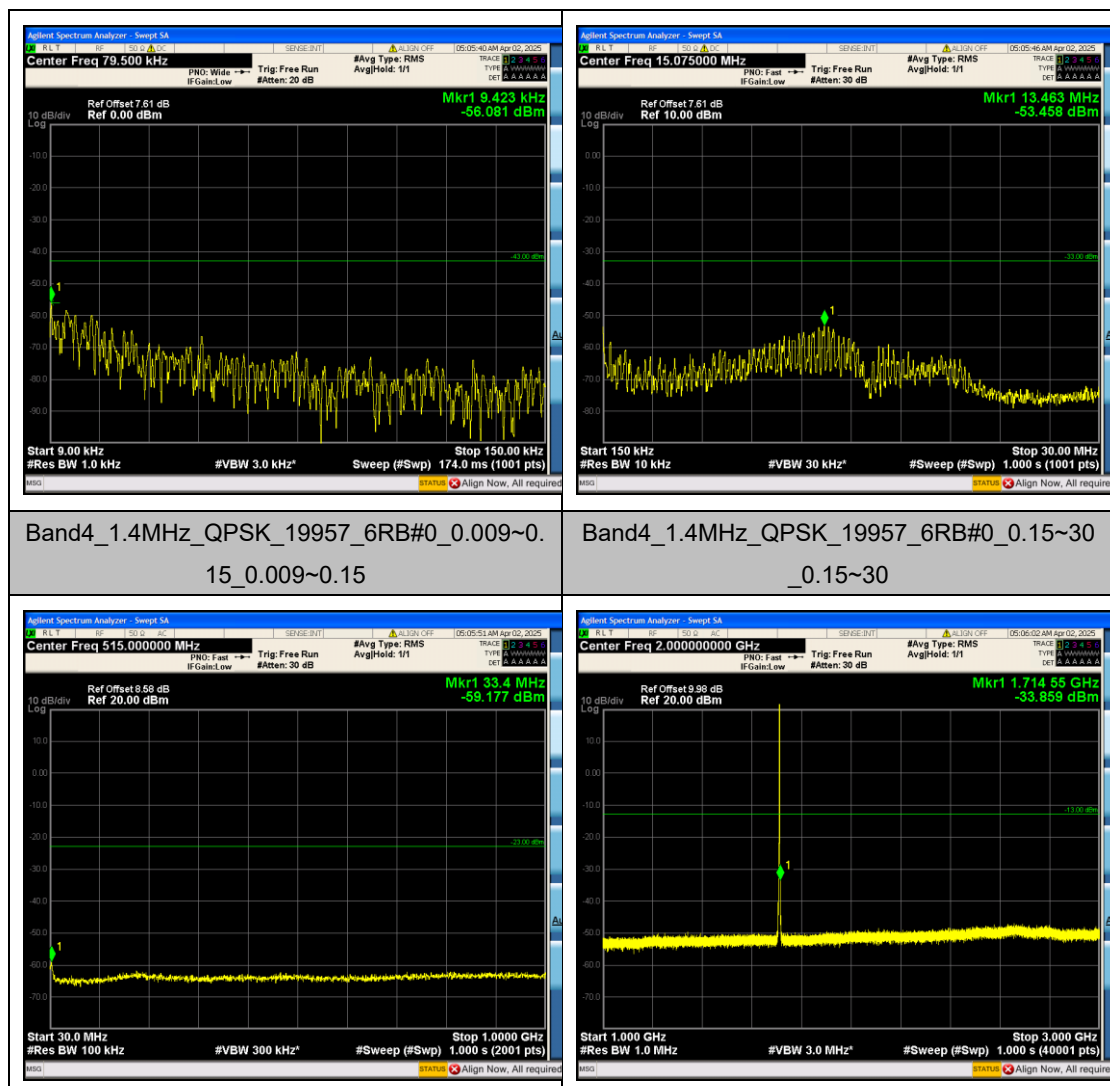
Band4	3MHz	QPSK	20175	15RB#0	0.15~30	-50.97	PASS
Band4	3MHz	QPSK	20175	15RB#0	30~1000	-60.21	PASS
Band4	3MHz	QPSK	20175	15RB#0	1000~3000	-34.50	PASS
Band4	3MHz	QPSK	20175	15RB#0	3000~20000	-38.62	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.009~0.15	-55.88	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.15~30	-51.09	PASS
Band4	3MHz	QPSK	20385	15RB#0	30~1000	-58.47	PASS
Band4	3MHz	QPSK	20385	15RB#0	1000~3000	-36.21	PASS
Band4	3MHz	QPSK	20385	15RB#0	3000~20000	-38.69	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.009~0.15	-55.47	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.15~30	-51.75	PASS
Band4	3MHz	16QAM	19965	15RB#0	30~1000	-59.70	PASS
Band4	3MHz	16QAM	19965	15RB#0	1000~3000	-37.12	PASS
Band4	3MHz	16QAM	19965	15RB#0	3000~20000	-38.35	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.009~0.15	-59.12	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.15~30	-51.94	PASS
Band4	3MHz	16QAM	20175	15RB#0	30~1000	-60.77	PASS
Band4	3MHz	16QAM	20175	15RB#0	1000~3000	-35.65	PASS
Band4	3MHz	16QAM	20175	15RB#0	3000~20000	-38.69	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.009~0.15	-55.65	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.15~30	-52.61	PASS
Band4	3MHz	16QAM	20385	15RB#0	30~1000	-60.19	PASS
Band4	3MHz	16QAM	20385	15RB#0	1000~3000	-38.51	PASS
Band4	3MHz	16QAM	20385	15RB#0	3000~20000	-38.41	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.009~0.15	-59.99	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.15~30	-52.83	PASS
Band4	5MHz	QPSK	19975	25RB#0	30~1000	-59.36	PASS
Band4	5MHz	QPSK	19975	25RB#0	1000~3000	-37.56	PASS
Band4	5MHz	QPSK	19975	25RB#0	3000~20000	-38.95	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.009~0.15	-58.93	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.15~30	-52.42	PASS
Band4	5MHz	QPSK	20175	25RB#0	30~1000	-61.24	PASS
Band4	5MHz	QPSK	20175	25RB#0	1000~3000	-36.89	PASS
Band4	5MHz	QPSK	20175	25RB#0	3000~20000	-38.41	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.009~0.15	-60.36	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.15~30	-51.67	PASS
Band4	5MHz	QPSK	20375	25RB#0	30~1000	-59.92	PASS
Band4	5MHz	QPSK	20375	25RB#0	1000~3000	-39.09	PASS
Band4	5MHz	QPSK	20375	25RB#0	3000~20000	-38.57	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.009~0.15	-59.62	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.15~30	-51.40	PASS
Band4	5MHz	16QAM	19975	25RB#0	30~1000	-60.58	PASS
Band4	5MHz	16QAM	19975	25RB#0	1000~3000	-40.82	PASS

Band4	5MHz	16QAM	19975	25RB#0	3000~20000	-38.43	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.009~0.15	-60.36	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.15~30	-53.48	PASS
Band4	5MHz	16QAM	20175	25RB#0	30~1000	-61.36	PASS
Band4	5MHz	16QAM	20175	25RB#0	1000~3000	-38.36	PASS
Band4	5MHz	16QAM	20175	25RB#0	3000~20000	-38.64	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.009~0.15	-57.97	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.15~30	-52.05	PASS
Band4	5MHz	16QAM	20375	25RB#0	30~1000	-59.14	PASS
Band4	5MHz	16QAM	20375	25RB#0	1000~3000	-39.52	PASS
Band4	5MHz	16QAM	20375	25RB#0	3000~20000	-38.38	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.009~0.15	-59.29	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.15~30	-51.32	PASS
Band4	10MHz	QPSK	20000	50RB#0	30~1000	-59.04	PASS
Band4	10MHz	QPSK	20000	50RB#0	1000~3000	-41.29	PASS
Band4	10MHz	QPSK	20000	50RB#0	3000~20000	-38.81	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.009~0.15	-54.67	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.15~30	-53.57	PASS
Band4	10MHz	QPSK	20175	50RB#0	30~1000	-61.01	PASS
Band4	10MHz	QPSK	20175	50RB#0	1000~3000	-39.67	PASS
Band4	10MHz	QPSK	20175	50RB#0	3000~20000	-38.46	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.009~0.15	-57.41	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.15~30	-54.23	PASS
Band4	10MHz	QPSK	20350	50RB#0	30~1000	-59.36	PASS
Band4	10MHz	QPSK	20350	50RB#0	1000~3000	-41.49	PASS
Band4	10MHz	QPSK	20350	50RB#0	3000~20000	-38.47	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.009~0.15	-59.03	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.15~30	-51.63	PASS
Band4	10MHz	16QAM	20000	50RB#0	30~1000	-59.34	PASS
Band4	10MHz	16QAM	20000	50RB#0	1000~3000	-42.74	PASS
Band4	10MHz	16QAM	20000	50RB#0	3000~20000	-38.36	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.009~0.15	-57.19	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.15~30	-53.68	PASS
Band4	10MHz	16QAM	20175	50RB#0	30~1000	-60.71	PASS
Band4	10MHz	16QAM	20175	50RB#0	1000~3000	-42.64	PASS
Band4	10MHz	16QAM	20175	50RB#0	3000~20000	-38.32	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.009~0.15	-57.74	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.15~30	-52.92	PASS
Band4	10MHz	16QAM	20350	50RB#0	30~1000	-60.07	PASS
Band4	10MHz	16QAM	20350	50RB#0	1000~3000	-43.06	PASS
Band4	10MHz	16QAM	20350	50RB#0	3000~20000	-38.25	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.009~0.15	-55.56	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.15~30	-51.41	PASS

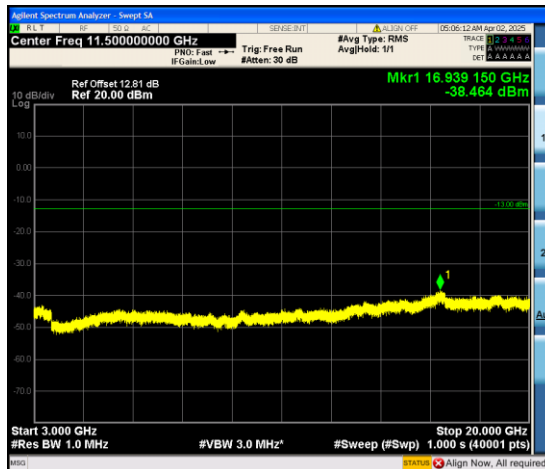
Band4	15MHz	QPSK	20025	75RB#0	30~1000	-59.70	PASS
Band4	15MHz	QPSK	20025	75RB#0	1000~3000	-40.94	PASS
Band4	15MHz	QPSK	20025	75RB#0	3000~20000	-38.18	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.009~0.15	-57.49	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.15~30	-53.11	PASS
Band4	15MHz	QPSK	20175	75RB#0	30~1000	-60.18	PASS
Band4	15MHz	QPSK	20175	75RB#0	1000~3000	-40.73	PASS
Band4	15MHz	QPSK	20175	75RB#0	3000~20000	-38.16	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.009~0.15	-55.80	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.15~30	-53.80	PASS
Band4	15MHz	QPSK	20325	75RB#0	30~1000	-60.62	PASS
Band4	15MHz	QPSK	20325	75RB#0	1000~3000	-41.11	PASS
Band4	15MHz	QPSK	20325	75RB#0	3000~20000	-38.40	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.009~0.15	-59.32	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.15~30	-51.68	PASS
Band4	15MHz	16QAM	20025	75RB#0	30~1000	-59.13	PASS
Band4	15MHz	16QAM	20025	75RB#0	1000~3000	-43.62	PASS
Band4	15MHz	16QAM	20025	75RB#0	3000~20000	-37.99	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.009~0.15	-57.47	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.15~30	-53.14	PASS
Band4	15MHz	16QAM	20175	75RB#0	30~1000	-59.55	PASS
Band4	15MHz	16QAM	20175	75RB#0	1000~3000	-43.48	PASS
Band4	15MHz	16QAM	20175	75RB#0	3000~20000	-38.39	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.009~0.15	-56.56	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.15~30	-51.73	PASS
Band4	15MHz	16QAM	20325	75RB#0	30~1000	-59.43	PASS
Band4	15MHz	16QAM	20325	75RB#0	1000~3000	-42.36	PASS
Band4	15MHz	16QAM	20325	75RB#0	3000~20000	-38.28	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.009~0.15	-57.77	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.15~30	-53.04	PASS
Band4	20MHz	QPSK	20050	100RB#0	30~1000	-60.67	PASS
Band4	20MHz	QPSK	20050	100RB#0	1000~3000	-45.14	PASS
Band4	20MHz	QPSK	20050	100RB#0	3000~20000	-38.51	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.009~0.15	-55.42	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.15~30	-52.11	PASS
Band4	20MHz	QPSK	20175	100RB#0	30~1000	-59.64	PASS
Band4	20MHz	QPSK	20175	100RB#0	1000~3000	-44.62	PASS
Band4	20MHz	QPSK	20175	100RB#0	3000~20000	-38.33	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.009~0.15	-58.20	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.15~30	-53.32	PASS
Band4	20MHz	QPSK	20300	100RB#0	30~1000	-60.90	PASS
Band4	20MHz	QPSK	20300	100RB#0	1000~3000	-47.04	PASS
Band4	20MHz	QPSK	20300	100RB#0	3000~20000	-38.70	PASS

Band4	20MHz	16QAM	20050	100RB#0	0.009~0.15	-58.18	PASS
Band4	20MHz	16QAM	20050	100RB#0	0.15~30	-51.68	PASS
Band4	20MHz	16QAM	20050	100RB#0	30~1000	-59.51	PASS
Band4	20MHz	16QAM	20050	100RB#0	1000~3000	-46.18	PASS
Band4	20MHz	16QAM	20050	100RB#0	3000~20000	-38.62	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.009~0.15	-57.32	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.15~30	-51.98	PASS
Band4	20MHz	16QAM	20175	100RB#0	30~1000	-60.83	PASS
Band4	20MHz	16QAM	20175	100RB#0	1000~3000	-45.97	PASS
Band4	20MHz	16QAM	20175	100RB#0	3000~20000	-38.48	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.009~0.15	-56.25	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.15~30	-53.63	PASS
Band4	20MHz	16QAM	20300	100RB#0	30~1000	-59.69	PASS
Band4	20MHz	16QAM	20300	100RB#0	1000~3000	-47.26	PASS
Band4	20MHz	16QAM	20300	100RB#0	3000~20000	-38.17	PASS

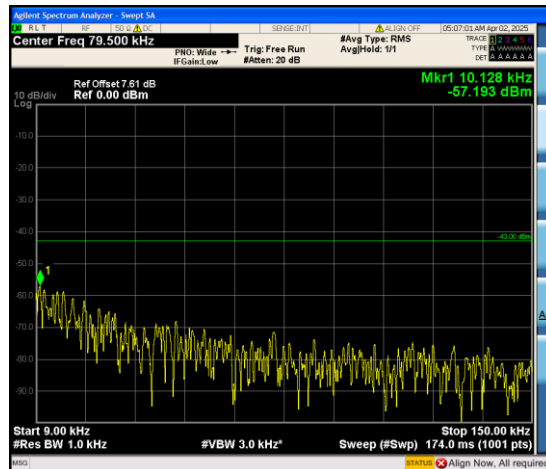
Test Graphs



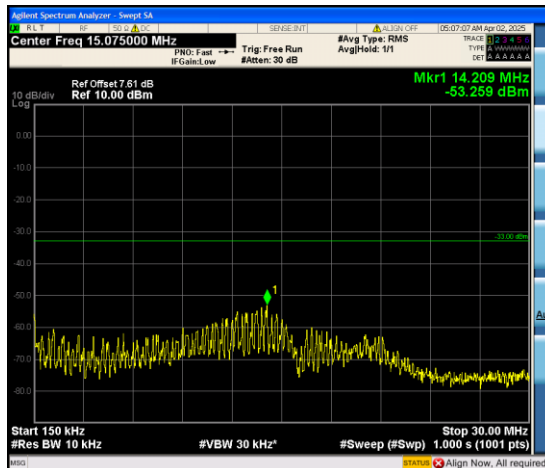
Band4_1.4MHz_QPSK_19957_6RB#0_30~1000
_30~1000



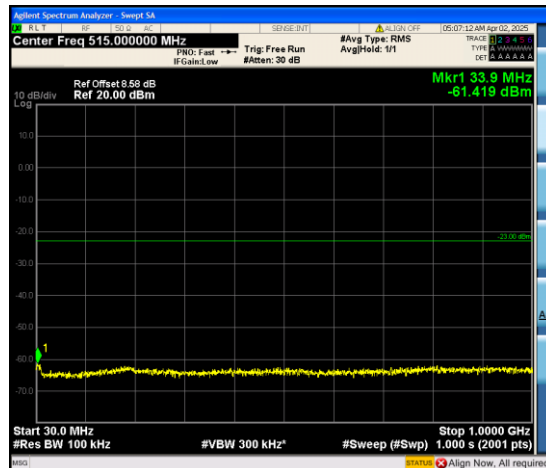
Band4_1.4MHz_QPSK_19957_6RB#0_1000~30
00_1000~3000



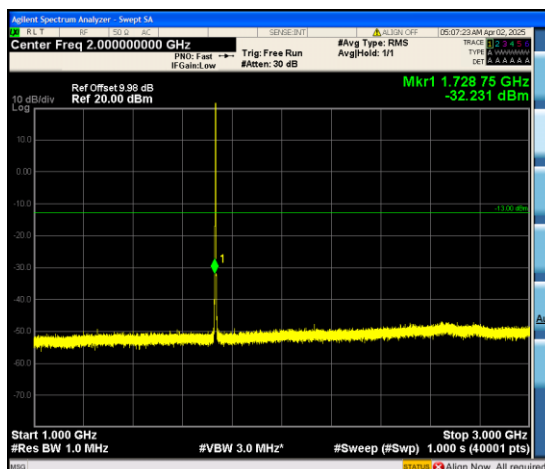
Band4_1.4MHz_QPSK_19957_6RB#0_3000~20
000_3000~20000



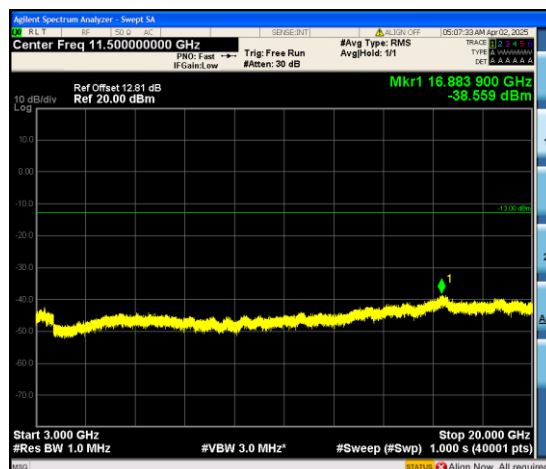
Band4_1.4MHz_QPSK_20175_6RB#0_0.009~0.
15_0.009~0.15



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_1000~30
00_1000~3000

Band4_1.4MHz_QPSK_20175_6RB#0_3000~20
000_3000~20000

