



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_2000_50RB#0

Band4_10MHz_QPSK_20350_50RB#0



Band4_10MHz_16QAM_2000_50RB#0

Band4_10MHz_16QAM_20350_50RB#0



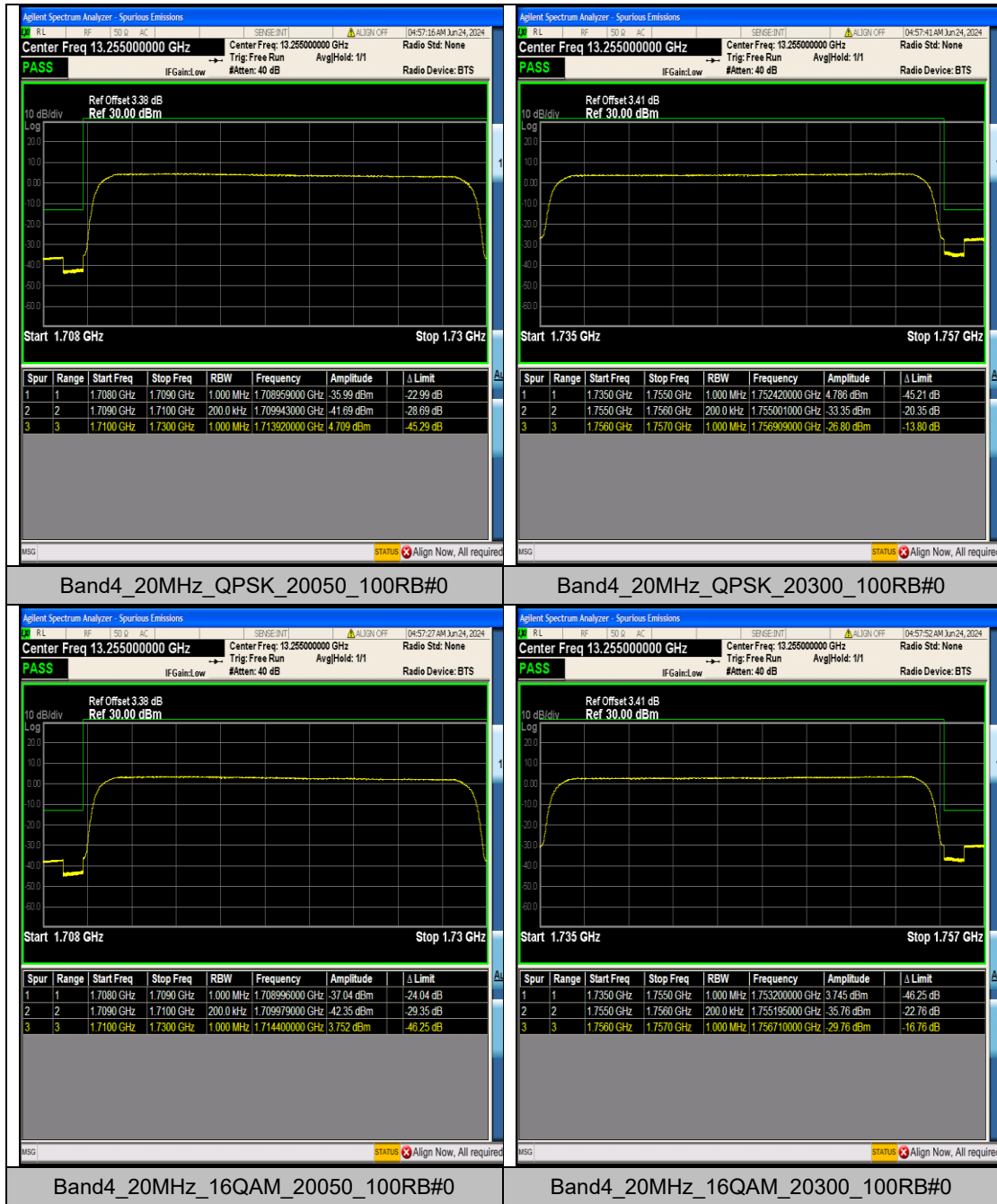
Band4_15MHz_QPSK_2025_75RB#0

Band4_15MHz_QPSK_20325_75RB#0



Band4_15MHz_16QAM_2025_75RB#0

Band4_15MHz_16QAM_20325_75RB#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	-49.01	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	0.15~30	-58.06	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	30~1000	-66.46	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1000~3000	-39.92	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	3000~20000	-46.15	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.009~0.15	-47.29	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0.15~30	-56.45	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	30~1000	-66.59	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1000~3000	-40.96	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	3000~20000	-46.09	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.009~0.15	-47.98	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0.15~30	-59.27	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	30~1000	-66.80	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1000~3000	-37.32	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3000~20000	-45.59	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.009~0.15	-48.16	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0.15~30	-59.05	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	30~1000	-66.56	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1000~3000	-41.85	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	3000~20000	-45.60	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.009~0.15	-51.43	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0.15~30	-59.47	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	30~1000	-66.46	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1000~3000	-42.24	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	3000~20000	-45.98	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.009~0.15	-49.67	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0.15~30	-57.22	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	30~1000	-66.66	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1000~3000	-41.39	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	3000~20000	-46.13	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.009~0.15	-50.18	PASS
Band4	3MHz	QPSK	19965	15RB#0	0.15~30	-59.63	PASS
Band4	3MHz	QPSK	19965	15RB#0	30~1000	-66.69	PASS
Band4	3MHz	QPSK	19965	15RB#0	1000~3000	-44.32	PASS
Band4	3MHz	QPSK	19965	15RB#0	3000~20000	-46.10	PASS
Band4	3MHz	QPSK	20175	15RB#0	0.009~0.15	-45.76	PASS

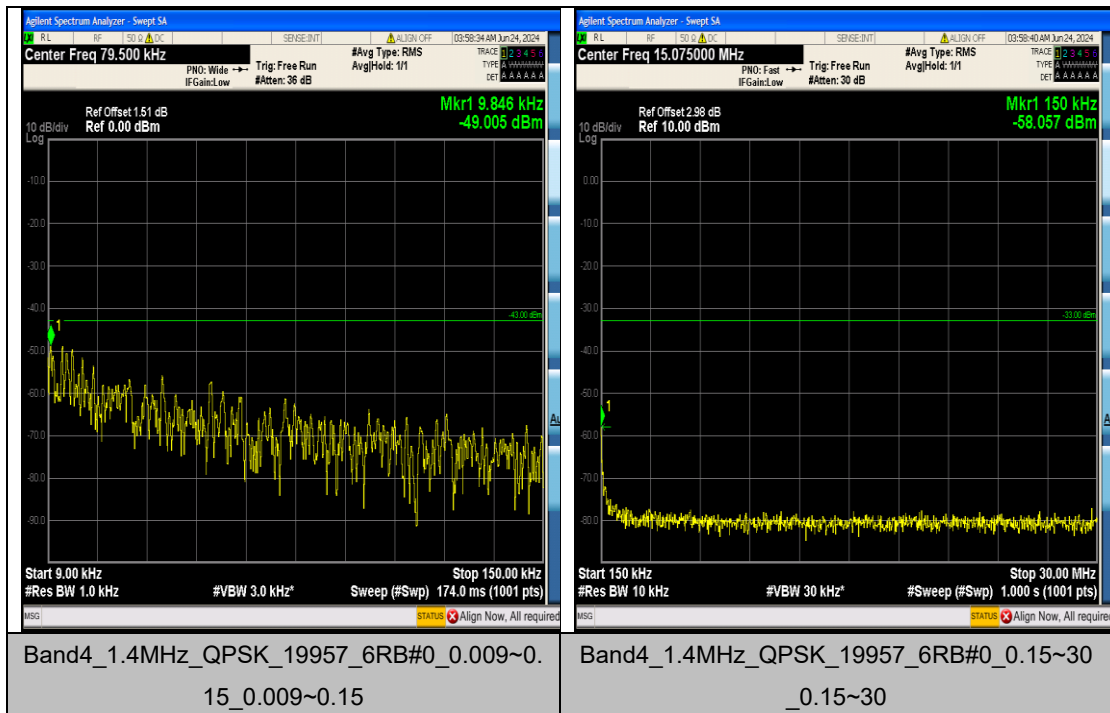
Band4	3MHz	QPSK	20175	15RB#0	0.15~30	-57.66	PASS
Band4	3MHz	QPSK	20175	15RB#0	30~1000	-66.10	PASS
Band4	3MHz	QPSK	20175	15RB#0	1000~3000	-44.77	PASS
Band4	3MHz	QPSK	20175	15RB#0	3000~20000	-46.15	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.009~0.15	-49.32	PASS
Band4	3MHz	QPSK	20385	15RB#0	0.15~30	-57.53	PASS
Band4	3MHz	QPSK	20385	15RB#0	30~1000	-66.58	PASS
Band4	3MHz	QPSK	20385	15RB#0	1000~3000	-43.81	PASS
Band4	3MHz	QPSK	20385	15RB#0	3000~20000	-45.92	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.009~0.15	-48.21	PASS
Band4	3MHz	16QAM	19965	15RB#0	0.15~30	-59.58	PASS
Band4	3MHz	16QAM	19965	15RB#0	30~1000	-66.89	PASS
Band4	3MHz	16QAM	19965	15RB#0	1000~3000	-46.27	PASS
Band4	3MHz	16QAM	19965	15RB#0	3000~20000	-45.71	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.009~0.15	-49.79	PASS
Band4	3MHz	16QAM	20175	15RB#0	0.15~30	-58.33	PASS
Band4	3MHz	16QAM	20175	15RB#0	30~1000	-66.69	PASS
Band4	3MHz	16QAM	20175	15RB#0	1000~3000	-45.76	PASS
Band4	3MHz	16QAM	20175	15RB#0	3000~20000	-46.33	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.009~0.15	-48.84	PASS
Band4	3MHz	16QAM	20385	15RB#0	0.15~30	-59.56	PASS
Band4	3MHz	16QAM	20385	15RB#0	30~1000	-66.59	PASS
Band4	3MHz	16QAM	20385	15RB#0	1000~3000	-43.89	PASS
Band4	3MHz	16QAM	20385	15RB#0	3000~20000	-46.30	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.009~0.15	-48.48	PASS
Band4	5MHz	QPSK	19975	25RB#0	0.15~30	-57.57	PASS
Band4	5MHz	QPSK	19975	25RB#0	30~1000	-66.58	PASS
Band4	5MHz	QPSK	19975	25RB#0	1000~3000	-48.13	PASS
Band4	5MHz	QPSK	19975	25RB#0	3000~20000	-45.62	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.009~0.15	-48.72	PASS
Band4	5MHz	QPSK	20175	25RB#0	0.15~30	-61.01	PASS
Band4	5MHz	QPSK	20175	25RB#0	30~1000	-66.32	PASS
Band4	5MHz	QPSK	20175	25RB#0	1000~3000	-45.65	PASS
Band4	5MHz	QPSK	20175	25RB#0	3000~20000	-46.38	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.009~0.15	-47.71	PASS
Band4	5MHz	QPSK	20375	25RB#0	0.15~30	-57.75	PASS
Band4	5MHz	QPSK	20375	25RB#0	30~1000	-66.51	PASS
Band4	5MHz	QPSK	20375	25RB#0	1000~3000	-44.64	PASS
Band4	5MHz	QPSK	20375	25RB#0	3000~20000	-45.99	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.009~0.15	-47.51	PASS
Band4	5MHz	16QAM	19975	25RB#0	0.15~30	-59.11	PASS
Band4	5MHz	16QAM	19975	25RB#0	30~1000	-66.71	PASS
Band4	5MHz	16QAM	19975	25RB#0	1000~3000	-51.48	PASS

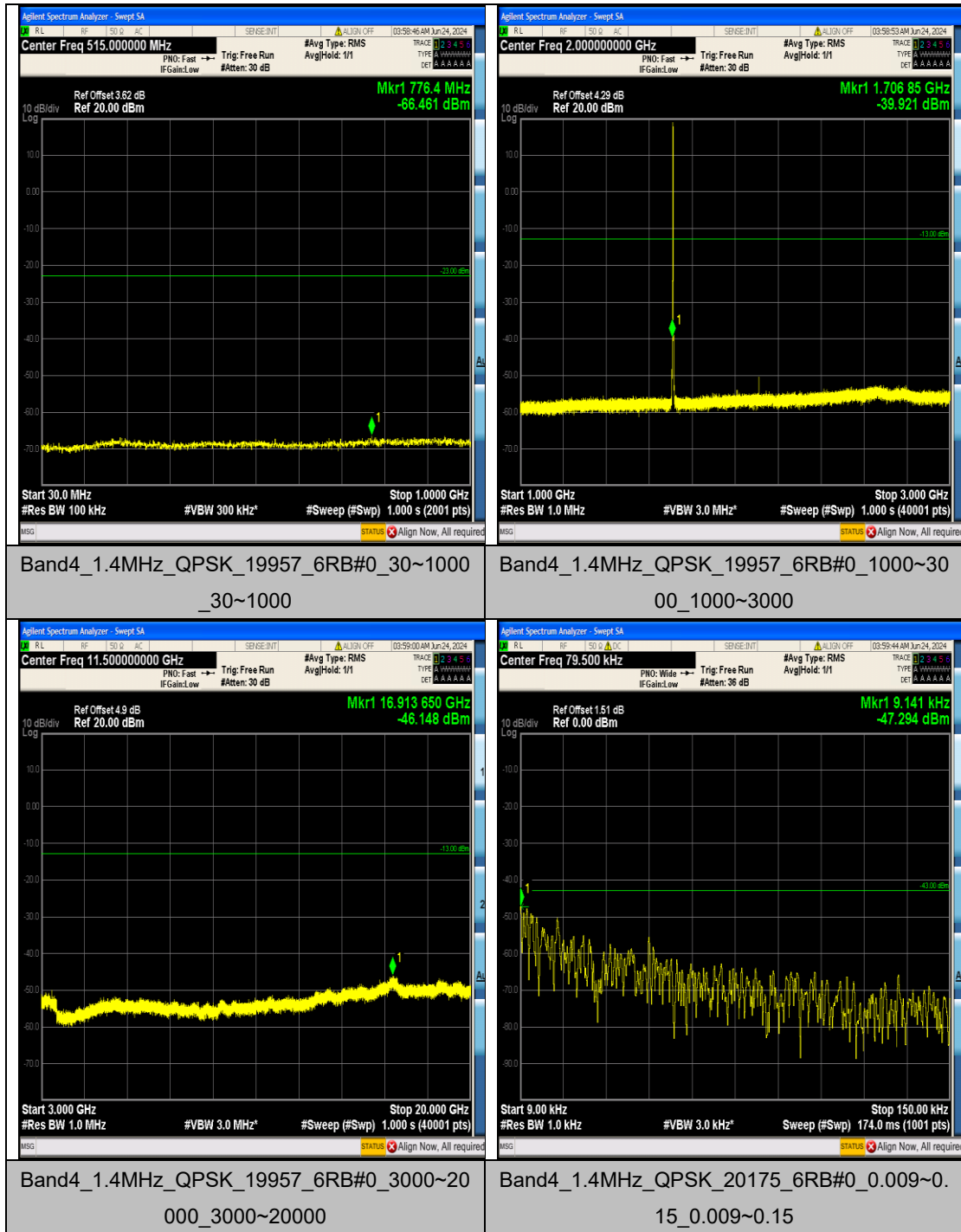
Band4	5MHz	16QAM	19975	25RB#0	3000~20000	-46.08	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.009~0.15	-45.22	PASS
Band4	5MHz	16QAM	20175	25RB#0	0.15~30	-58.87	PASS
Band4	5MHz	16QAM	20175	25RB#0	30~1000	-66.69	PASS
Band4	5MHz	16QAM	20175	25RB#0	1000~3000	-48.04	PASS
Band4	5MHz	16QAM	20175	25RB#0	3000~20000	-46.10	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.009~0.15	-48.43	PASS
Band4	5MHz	16QAM	20375	25RB#0	0.15~30	-58.98	PASS
Band4	5MHz	16QAM	20375	25RB#0	30~1000	-66.69	PASS
Band4	5MHz	16QAM	20375	25RB#0	1000~3000	-44.74	PASS
Band4	5MHz	16QAM	20375	25RB#0	3000~20000	-45.94	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.009~0.15	-46.92	PASS
Band4	10MHz	QPSK	20000	50RB#0	0.15~30	-59.12	PASS
Band4	10MHz	QPSK	20000	50RB#0	30~1000	-66.43	PASS
Band4	10MHz	QPSK	20000	50RB#0	1000~3000	-52.19	PASS
Band4	10MHz	QPSK	20000	50RB#0	3000~20000	-45.96	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.009~0.15	-49.63	PASS
Band4	10MHz	QPSK	20175	50RB#0	0.15~30	-58.71	PASS
Band4	10MHz	QPSK	20175	50RB#0	30~1000	-66.57	PASS
Band4	10MHz	QPSK	20175	50RB#0	1000~3000	-49.32	PASS
Band4	10MHz	QPSK	20175	50RB#0	3000~20000	-46.12	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.009~0.15	-47.95	PASS
Band4	10MHz	QPSK	20350	50RB#0	0.15~30	-58.02	PASS
Band4	10MHz	QPSK	20350	50RB#0	30~1000	-66.14	PASS
Band4	10MHz	QPSK	20350	50RB#0	1000~3000	-48.34	PASS
Band4	10MHz	QPSK	20350	50RB#0	3000~20000	-46.04	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.009~0.15	-46.76	PASS
Band4	10MHz	16QAM	20000	50RB#0	0.15~30	-58.94	PASS
Band4	10MHz	16QAM	20000	50RB#0	30~1000	-66.50	PASS
Band4	10MHz	16QAM	20000	50RB#0	1000~3000	-52.32	PASS
Band4	10MHz	16QAM	20000	50RB#0	3000~20000	-46.42	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.009~0.15	-48.77	PASS
Band4	10MHz	16QAM	20175	50RB#0	0.15~30	-58.35	PASS
Band4	10MHz	16QAM	20175	50RB#0	30~1000	-66.42	PASS
Band4	10MHz	16QAM	20175	50RB#0	1000~3000	-50.62	PASS
Band4	10MHz	16QAM	20175	50RB#0	3000~20000	-46.05	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.009~0.15	-49.03	PASS
Band4	10MHz	16QAM	20350	50RB#0	0.15~30	-58.53	PASS
Band4	10MHz	16QAM	20350	50RB#0	30~1000	-66.58	PASS
Band4	10MHz	16QAM	20350	50RB#0	1000~3000	-47.97	PASS
Band4	10MHz	16QAM	20350	50RB#0	3000~20000	-46.31	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.009~0.15	-46.39	PASS
Band4	15MHz	QPSK	20025	75RB#0	0.15~30	-56.25	PASS

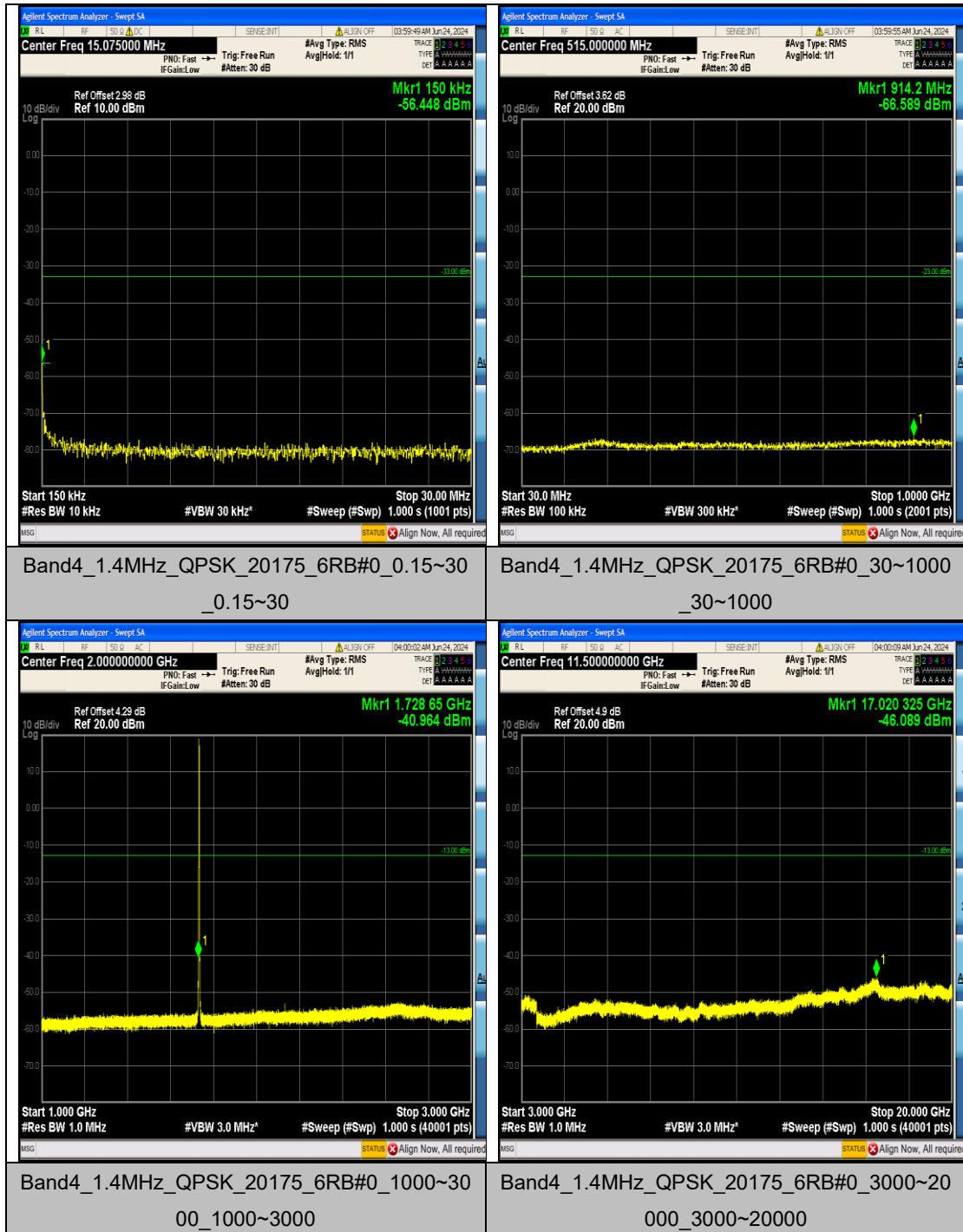
Band4	15MHz	QPSK	20025	75RB#0	30~1000	-66.33	PASS
Band4	15MHz	QPSK	20025	75RB#0	1000~3000	-51.03	PASS
Band4	15MHz	QPSK	20025	75RB#0	3000~20000	-46.13	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.009~0.15	-44.48	PASS
Band4	15MHz	QPSK	20175	75RB#0	0.15~30	-59.76	PASS
Band4	15MHz	QPSK	20175	75RB#0	30~1000	-66.41	PASS
Band4	15MHz	QPSK	20175	75RB#0	1000~3000	-49.47	PASS
Band4	15MHz	QPSK	20175	75RB#0	3000~20000	-46.12	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.009~0.15	-48.05	PASS
Band4	15MHz	QPSK	20325	75RB#0	0.15~30	-58.86	PASS
Band4	15MHz	QPSK	20325	75RB#0	30~1000	-66.73	PASS
Band4	15MHz	QPSK	20325	75RB#0	1000~3000	-47.90	PASS
Band4	15MHz	QPSK	20325	75RB#0	3000~20000	-46.07	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.009~0.15	-46.66	PASS
Band4	15MHz	16QAM	20025	75RB#0	0.15~30	-59.31	PASS
Band4	15MHz	16QAM	20025	75RB#0	30~1000	-66.46	PASS
Band4	15MHz	16QAM	20025	75RB#0	1000~3000	-50.48	PASS
Band4	15MHz	16QAM	20025	75RB#0	3000~20000	-46.12	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.009~0.15	-48.56	PASS
Band4	15MHz	16QAM	20175	75RB#0	0.15~30	-57.99	PASS
Band4	15MHz	16QAM	20175	75RB#0	30~1000	-66.63	PASS
Band4	15MHz	16QAM	20175	75RB#0	1000~3000	-50.71	PASS
Band4	15MHz	16QAM	20175	75RB#0	3000~20000	-46.19	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.009~0.15	-44.46	PASS
Band4	15MHz	16QAM	20325	75RB#0	0.15~30	-58.64	PASS
Band4	15MHz	16QAM	20325	75RB#0	30~1000	-66.63	PASS
Band4	15MHz	16QAM	20325	75RB#0	1000~3000	-49.53	PASS
Band4	15MHz	16QAM	20325	75RB#0	3000~20000	-45.99	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.009~0.15	-46.61	PASS
Band4	20MHz	QPSK	20050	100RB#0	0.15~30	-59.27	PASS
Band4	20MHz	QPSK	20050	100RB#0	30~1000	-66.33	PASS
Band4	20MHz	QPSK	20050	100RB#0	1000~3000	-52.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	3000~20000	-45.73	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.009~0.15	-50.57	PASS
Band4	20MHz	QPSK	20175	100RB#0	0.15~30	-57.51	PASS
Band4	20MHz	QPSK	20175	100RB#0	30~1000	-66.40	PASS
Band4	20MHz	QPSK	20175	100RB#0	1000~3000	-52.55	PASS
Band4	20MHz	QPSK	20175	100RB#0	3000~20000	-46.04	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.009~0.15	-48.95	PASS
Band4	20MHz	QPSK	20300	100RB#0	0.15~30	-57.09	PASS
Band4	20MHz	QPSK	20300	100RB#0	30~1000	-66.53	PASS
Band4	20MHz	QPSK	20300	100RB#0	1000~3000	-51.91	PASS
Band4	20MHz	QPSK	20300	100RB#0	3000~20000	-45.85	PASS

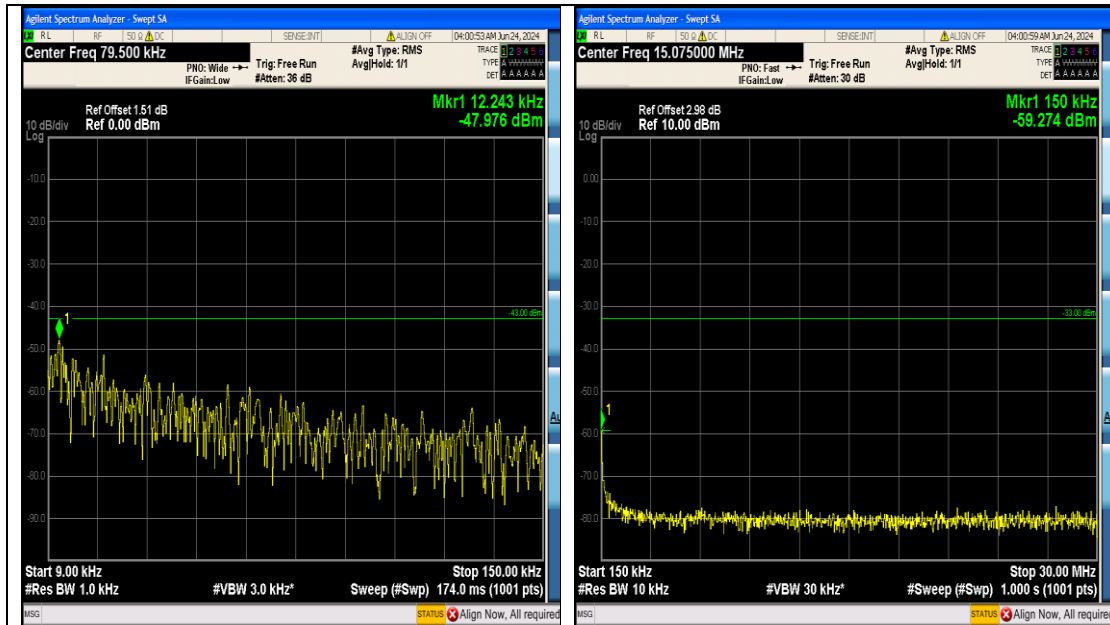
Band4	20MHz	16QAM	20050	100RB#0	0.009~0.15	-48.71	PASS
Band4	20MHz	16QAM	20050	100RB#0	0.15~30	-58.74	PASS
Band4	20MHz	16QAM	20050	100RB#0	30~1000	-66.70	PASS
Band4	20MHz	16QAM	20050	100RB#0	1000~3000	-52.55	PASS
Band4	20MHz	16QAM	20050	100RB#0	3000~20000	-46.10	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.009~0.15	-48.93	PASS
Band4	20MHz	16QAM	20175	100RB#0	0.15~30	-57.95	PASS
Band4	20MHz	16QAM	20175	100RB#0	30~1000	-66.40	PASS
Band4	20MHz	16QAM	20175	100RB#0	1000~3000	-52.40	PASS
Band4	20MHz	16QAM	20175	100RB#0	3000~20000	-45.66	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.009~0.15	-48.84	PASS
Band4	20MHz	16QAM	20300	100RB#0	0.15~30	-59.02	PASS
Band4	20MHz	16QAM	20300	100RB#0	30~1000	-66.56	PASS
Band4	20MHz	16QAM	20300	100RB#0	1000~3000	-52.04	PASS
Band4	20MHz	16QAM	20300	100RB#0	3000~20000	-45.59	PASS

Test Graphs



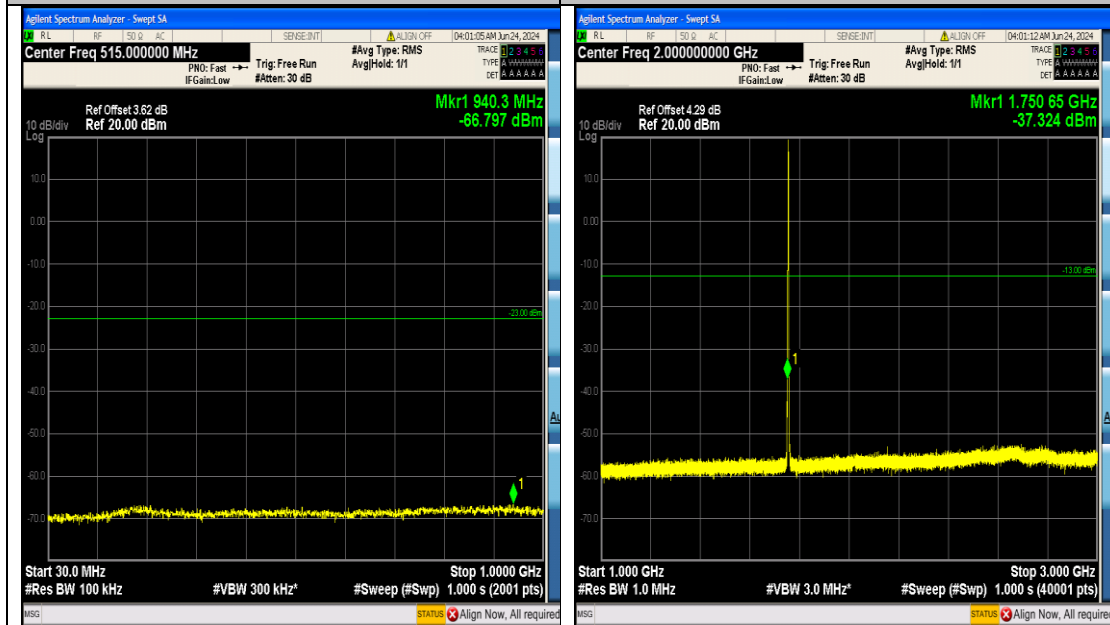






Band4_1.4MHz_QPSK_20393_6RB#0_0.009~0.15
15_0.009~0.15

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
00_1000~3000

