



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-61.66	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~20000	-23.38	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-61.77	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~20000	-22.41	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-61.76	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~20000	-23.42	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-61.74	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~20000	-23.30	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-61.69	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~20000	-23.24	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-61.80	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~20000	-23.39	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	30~1000	-61.85	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	1000~20000	-23.34	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	30~1000	-61.79	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	1000~20000	-23.38	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	30~1000	-61.80	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	1000~20000	-23.28	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-61.73	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~20000	-23.34	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-61.74	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~20000	-23.29	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-61.72	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~20000	-23.39	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-61.69	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~20000	-23.22	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-61.80	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~20000	-23.42	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-61.78	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~20000	-23.43	PASS
Band2	20MHz	64QAM	18700	1RB#0	30~1000	-61.75	PASS
Band2	20MHz	64QAM	18700	1RB#0	1000~20000	-23.27	PASS
Band2	20MHz	64QAM	18900	1RB#0	30~1000	-61.70	PASS
Band2	20MHz	64QAM	18900	1RB#0	1000~20000	-23.43	PASS
Band2	20MHz	64QAM	19100	1RB#0	30~1000	-61.78	PASS
Band2	20MHz	64QAM	19100	1RB#0	1000~20000	-23.33	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	-61.79	PASS

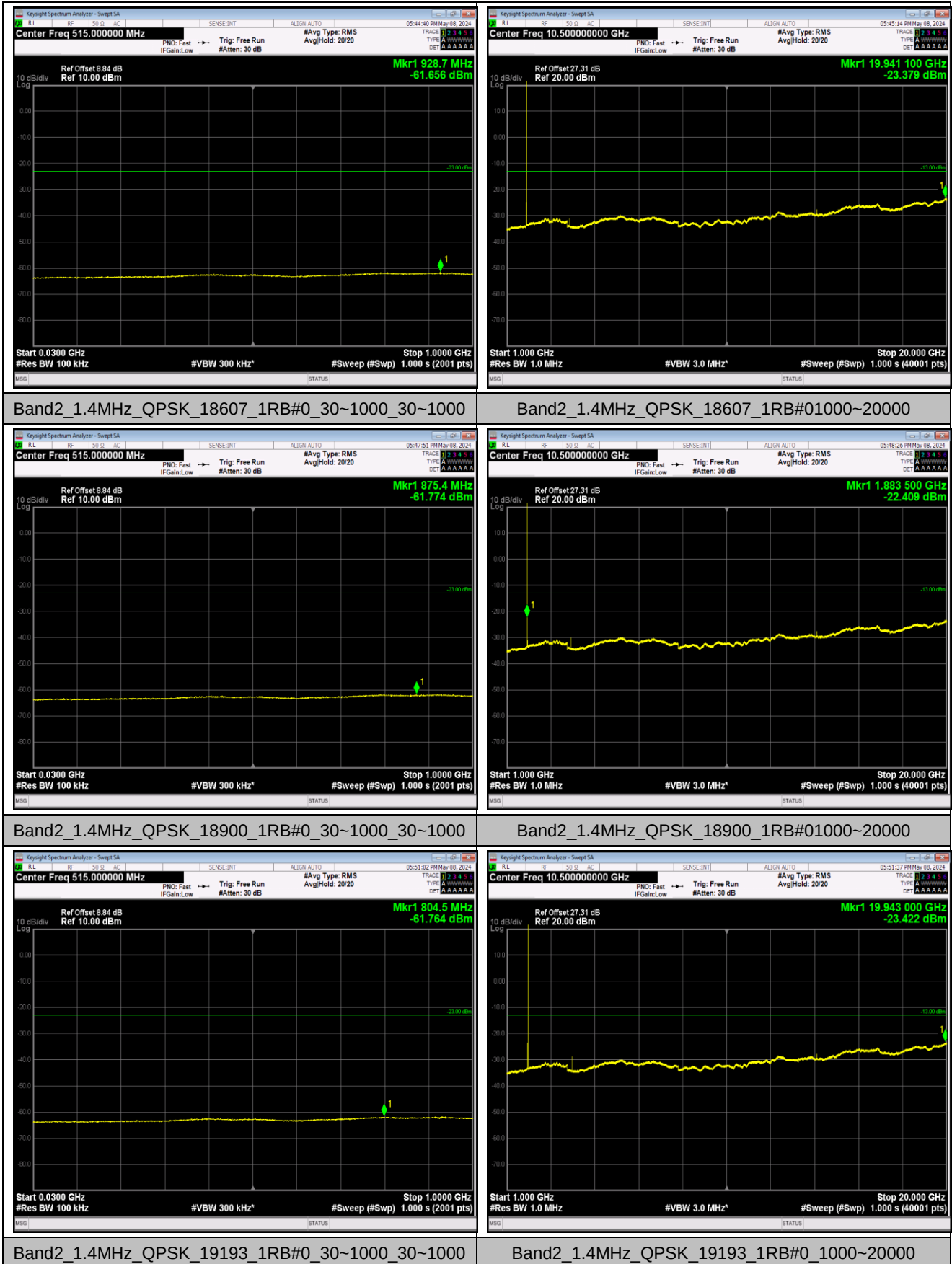
Band4	1.4MHz	QPSK	19957	1RB#0	1000~20000	-23.38	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	-61.65	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~20000	-23.48	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	-61.74	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~20000	-23.14	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	-61.77	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~20000	-23.49	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	-61.71	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~20000	-23.33	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	-61.65	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~20000	-23.43	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	30~1000	-61.65	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	1000~20000	-23.48	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	30~1000	-61.74	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	1000~20000	-23.35	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	30~1000	-61.75	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	1000~20000	-23.44	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	-61.71	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~20000	-23.39	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	-61.74	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~20000	-23.43	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	-61.75	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~20000	-23.50	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	-61.79	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~20000	-23.43	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	-61.82	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~20000	-23.41	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	-61.71	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~20000	-23.40	PASS
Band4	20MHz	64QAM	20050	1RB#0	30~1000	-61.65	PASS
Band4	20MHz	64QAM	20050	1RB#0	1000~20000	-23.42	PASS
Band4	20MHz	64QAM	20175	1RB#0	30~1000	-61.75	PASS
Band4	20MHz	64QAM	20175	1RB#0	1000~20000	-23.42	PASS
Band4	20MHz	64QAM	20300	1RB#0	30~1000	-61.73	PASS
Band4	20MHz	64QAM	20300	1RB#0	1000~20000	-23.33	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-50.20	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~10000	-33.41	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-49.23	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~10000	-34.40	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-50.00	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~10000	-35.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-50.17	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~10000	-34.82	PASS

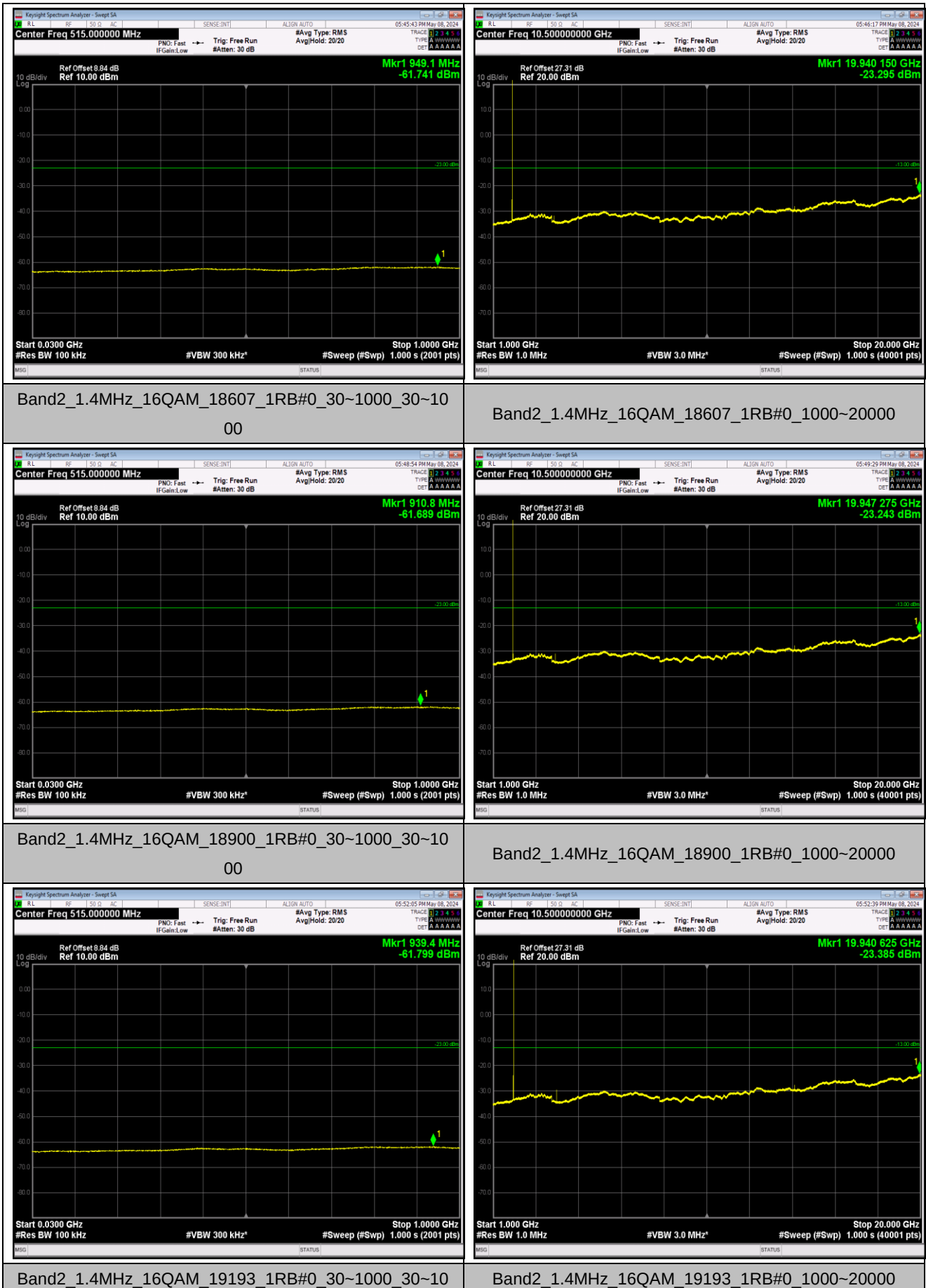
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-50.16	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~10000	-34.95	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-50.77	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~10000	-36.79	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	30~1000	-51.16	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	1000~10000	-35.55	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	30~1000	-50.25	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	1000~10000	-36.11	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	30~1000	-51.52	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	1000~10000	-36.95	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-61.69	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~10000	-33.75	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-61.70	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~10000	-34.38	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-61.73	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~10000	-34.61	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-61.74	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~10000	-34.22	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-61.75	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~10000	-35.02	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-61.72	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~10000	-35.90	PASS
Band5	10MHz	64QAM	20450	1RB#0	30~1000	-61.79	PASS
Band5	10MHz	64QAM	20450	1RB#0	1000~10000	-35.34	PASS
Band5	10MHz	64QAM	20525	1RB#0	30~1000	-61.79	PASS
Band5	10MHz	64QAM	20525	1RB#0	1000~10000	-36.01	PASS
Band5	10MHz	64QAM	20600	1RB#0	30~1000	-61.78	PASS
Band5	10MHz	64QAM	20600	1RB#0	1000~10000	-36.74	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-71.75	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~27000	-27.66	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-71.79	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~27000	-27.64	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-71.77	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~27000	-27.70	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	-71.79	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~27000	-27.64	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	-71.81	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~27000	-27.73	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	-71.77	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~27000	-27.71	PASS
Band7	5MHz	64QAM	20775	1RB#0	30~1000	-71.84	PASS
Band7	5MHz	64QAM	20775	1RB#0	1000~27000	-27.62	PASS
Band7	5MHz	64QAM	21100	1RB#0	30~1000	-71.81	PASS

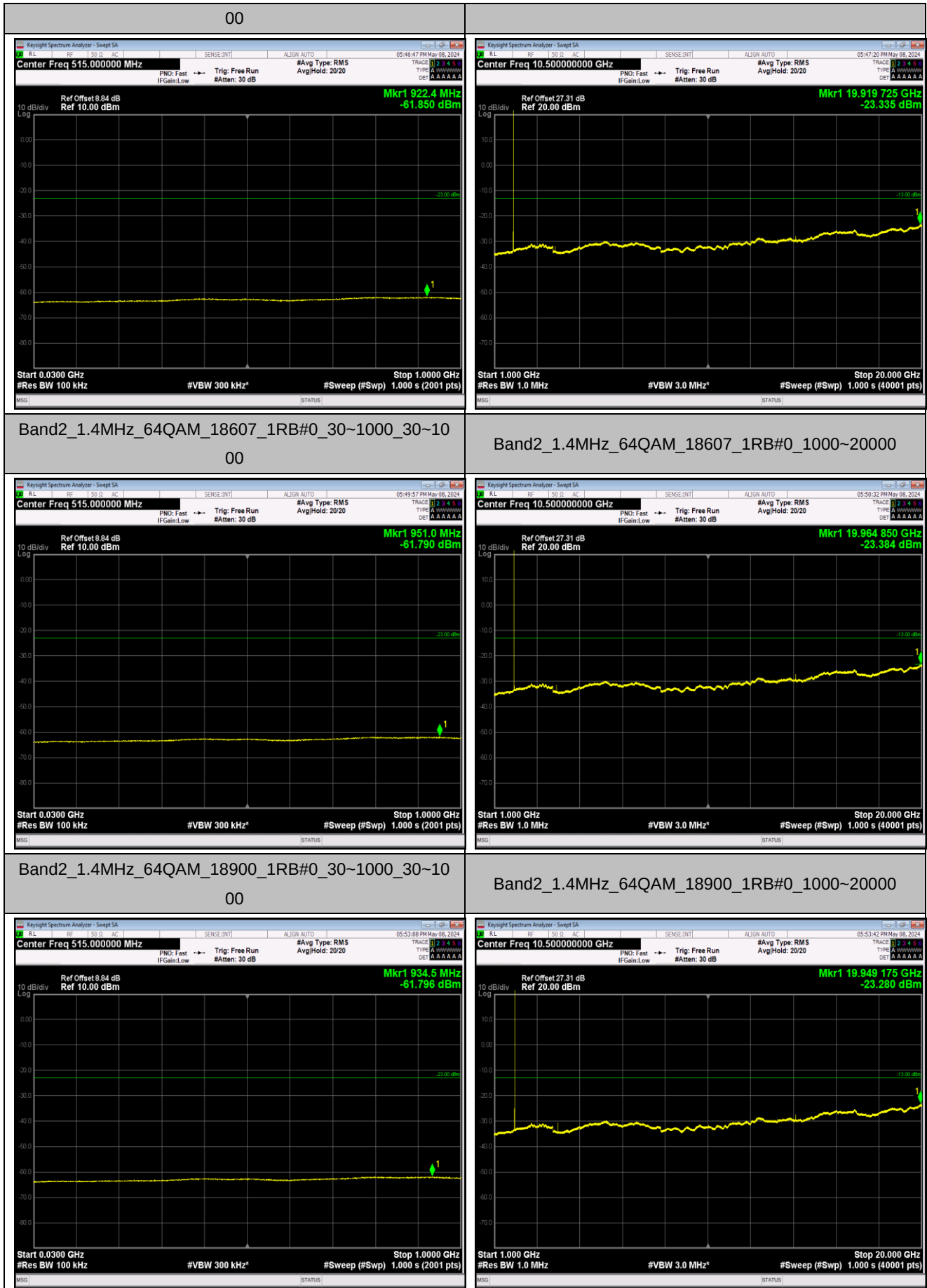
Band7	5MHz	64QAM	21100	1RB#0	1000~27000	-27.73	PASS
Band7	5MHz	64QAM	21425	1RB#0	30~1000	-71.82	PASS
Band7	5MHz	64QAM	21425	1RB#0	1000~27000	-27.62	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-71.77	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~27000	-27.67	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-71.78	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~27000	-27.52	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-71.80	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~27000	-27.71	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	-71.83	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~27000	-27.68	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	-71.83	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~27000	-27.65	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	-71.78	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~27000	-27.72	PASS
Band7	20MHz	64QAM	20850	1RB#0	30~1000	-71.79	PASS
Band7	20MHz	64QAM	20850	1RB#0	1000~27000	-27.60	PASS
Band7	20MHz	64QAM	21100	1RB#0	30~1000	-71.78	PASS
Band7	20MHz	64QAM	21100	1RB#0	1000~27000	-27.72	PASS
Band7	20MHz	64QAM	21350	1RB#0	30~1000	-71.83	PASS
Band7	20MHz	64QAM	21350	1RB#0	1000~27000	-27.77	PASS
41(2535-2655)	5MHz	QPSK	40065	1RB#0	30~1000	-61.24	PASS
41(2535-2655)	5MHz	QPSK	40065	1RB#0	1000~18000	-30.80	PASS
41(2535-2655)	5MHz	QPSK	40065	1RB#0	18000~27000	-39.14	PASS
41(2535-2655)	5MHz	QPSK	40640	1RB#0	30~1000	-61.22	PASS
41(2535-2655)	5MHz	QPSK	40640	1RB#0	1000~18000	-30.80	PASS
41(2535-2655)	5MHz	QPSK	40640	1RB#0	18000~27000	-39.18	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#0	30~1000	-61.13	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#0	1000~18000	-29.59	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#0	18000~27000	-39.16	PASS
41(2535-2655)	5MHz	16QAM	40065	1RB#0	30~1000	-61.17	PASS
41(2535-2655)	5MHz	16QAM	40065	1RB#0	1000~18000	-30.99	PASS
41(2535-2655)	5MHz	16QAM	40065	1RB#0	18000~27000	-39.09	PASS
41(2535-2655)	5MHz	16QAM	40640	1RB#0	30~1000	-61.28	PASS
41(2535-2655)	5MHz	16QAM	40640	1RB#0	1000~18000	-30.92	PASS
41(2535-2655)	5MHz	16QAM	40640	1RB#0	18000~27000	-39.13	PASS
41(2535-2655)	5MHz	16QAM	41215	1RB#0	30~1000	-61.19	PASS
41(2535-2655)	5MHz	16QAM	41215	1RB#0	1000~18000	-30.04	PASS
41(2535-2655)	5MHz	16QAM	41215	1RB#0	18000~27000	-39.10	PASS
41(2535-2655)	5MHz	64QAM	40065	1RB#0	30~1000	-61.26	PASS
41(2535-2655)	5MHz	64QAM	40065	1RB#0	1000~18000	-31.00	PASS
41(2535-2655)	5MHz	64QAM	40065	1RB#0	18000~27000	-39.10	PASS
41(2535-2655)	5MHz	64QAM	40640	1RB#0	30~1000	-61.37	PASS

41(2535-2655)	5MHz	64QAM	40640	1RB#0	1000~18000	-30.95	PASS
41(2535-2655)	5MHz	64QAM	40640	1RB#0	18000~27000	-39.01	PASS
41(2535-2655)	5MHz	64QAM	41215	1RB#0	30~1000	-61.21	PASS
41(2535-2655)	5MHz	64QAM	41215	1RB#0	1000~18000	-30.62	PASS
41(2535-2655)	5MHz	64QAM	41215	1RB#0	18000~27000	-39.14	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#0	30~1000	-61.29	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#0	1000~18000	-30.96	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#0	18000~27000	-39.16	PASS
41(2535-2655)	20MHz	QPSK	40640	1RB#0	30~1000	-61.44	PASS
41(2535-2655)	20MHz	QPSK	40640	1RB#0	1000~18000	-31.02	PASS
41(2535-2655)	20MHz	QPSK	40640	1RB#0	18000~27000	-39.23	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#0	30~1000	-61.31	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#0	1000~18000	-30.84	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#0	18000~27000	-39.25	PASS
41(2535-2655)	20MHz	16QAM	40140	1RB#0	30~1000	-61.21	PASS
41(2535-2655)	20MHz	16QAM	40140	1RB#0	1000~18000	-31.04	PASS
41(2535-2655)	20MHz	16QAM	40140	1RB#0	18000~27000	-39.19	PASS
41(2535-2655)	20MHz	16QAM	40640	1RB#0	30~1000	-61.47	PASS
41(2535-2655)	20MHz	16QAM	40640	1RB#0	1000~18000	-30.91	PASS
41(2535-2655)	20MHz	16QAM	40640	1RB#0	18000~27000	-39.23	PASS
41(2535-2655)	20MHz	16QAM	41140	1RB#0	30~1000	-61.42	PASS
41(2535-2655)	20MHz	16QAM	41140	1RB#0	1000~18000	-30.91	PASS
41(2535-2655)	20MHz	16QAM	41140	1RB#0	18000~27000	-39.15	PASS
41(2535-2655)	20MHz	64QAM	40140	1RB#0	30~1000	-61.19	PASS
41(2535-2655)	20MHz	64QAM	40140	1RB#0	1000~18000	-31.02	PASS
41(2535-2655)	20MHz	64QAM	40140	1RB#0	18000~27000	-39.16	PASS
41(2535-2655)	20MHz	64QAM	40640	1RB#0	30~1000	-61.16	PASS
41(2535-2655)	20MHz	64QAM	40640	1RB#0	1000~18000	-30.84	PASS
41(2535-2655)	20MHz	64QAM	40640	1RB#0	18000~27000	-39.16	PASS
41(2535-2655)	20MHz	64QAM	41140	1RB#0	30~1000	-61.27	PASS
41(2535-2655)	20MHz	64QAM	41140	1RB#0	1000~18000	-30.98	PASS
41(2535-2655)	20MHz	64QAM	41140	1RB#0	18000~27000	-39.18	PASS

Test Graphs

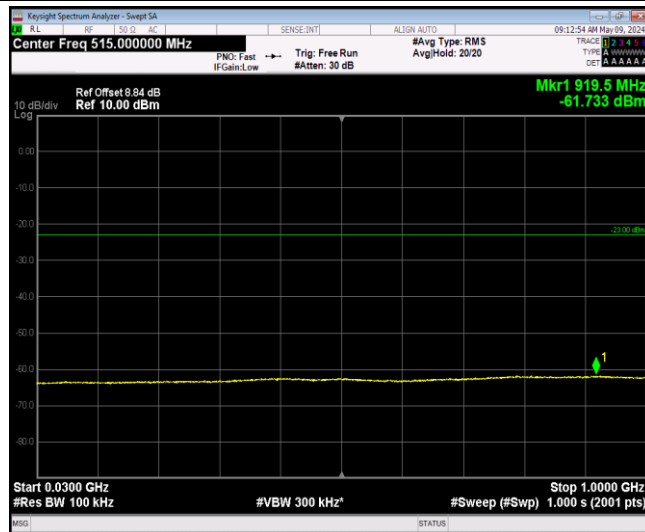




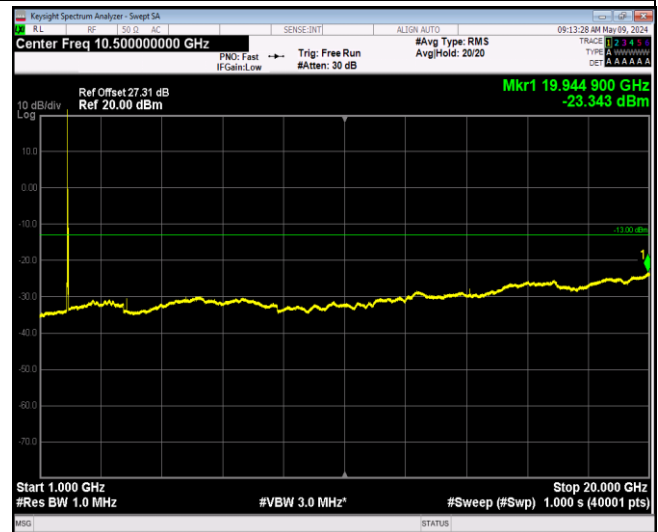


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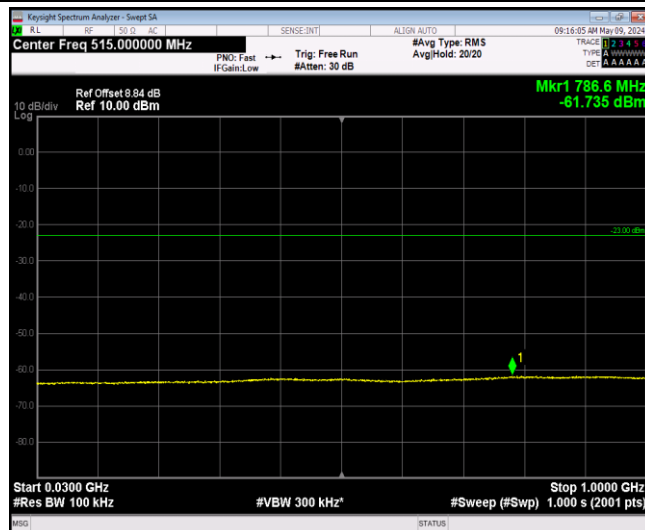
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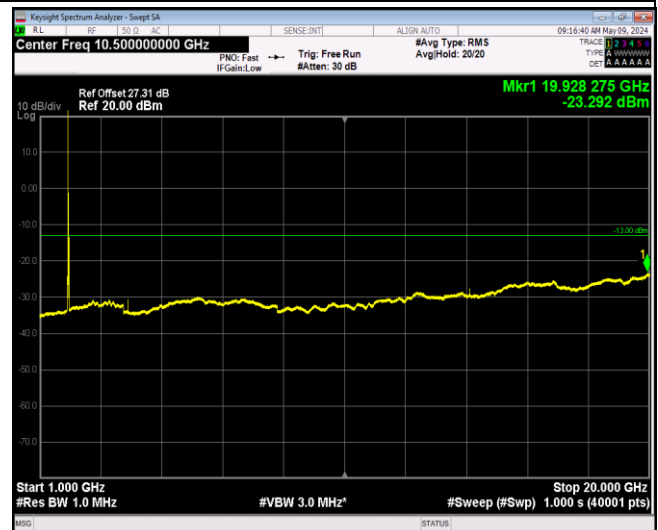
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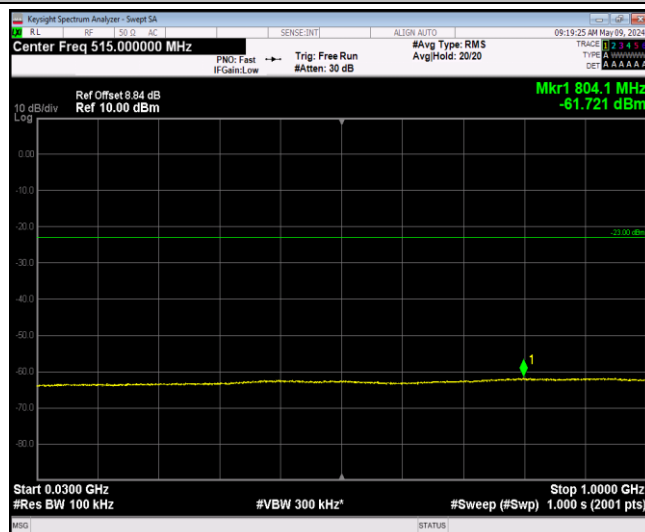
Band2_20MHz_QPSK_18700_1RB#0_30~1000_30~1000



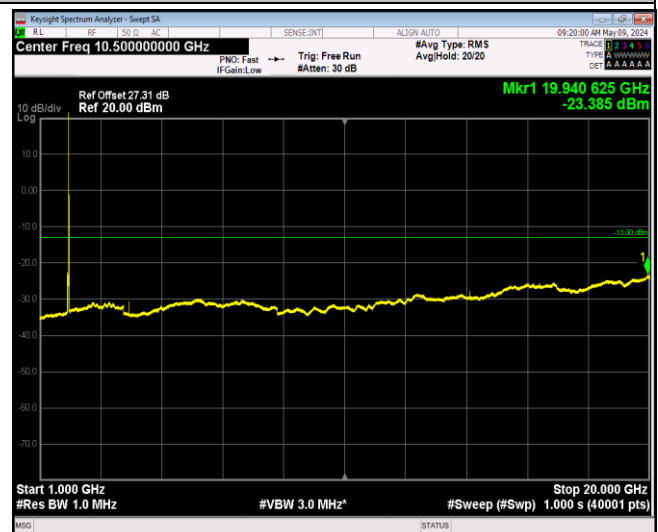
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Band2_20MHz_QPSK_18900_1RB#0_1000~20000



Band2_20MHz_QPSK_19100_1RB#0_30~1000_30~1000

Band2_20MHz_QPSK_19100_1RB#0_1000~20000

