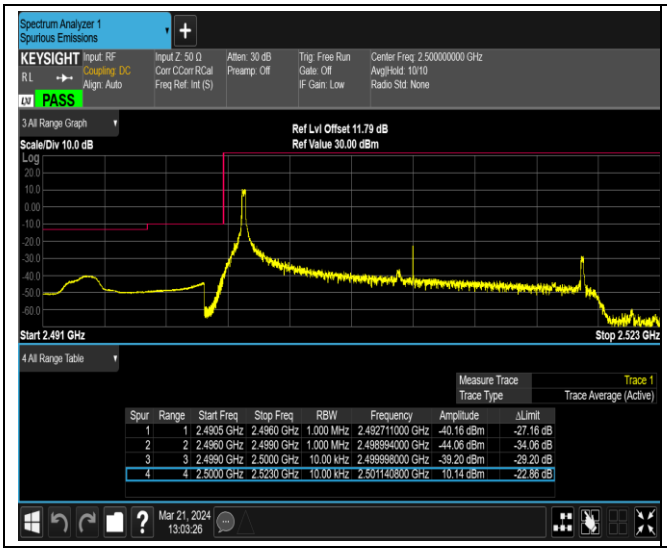

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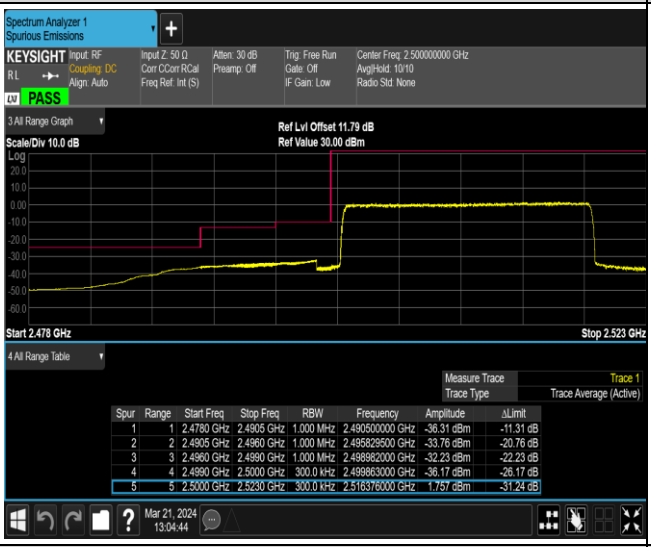
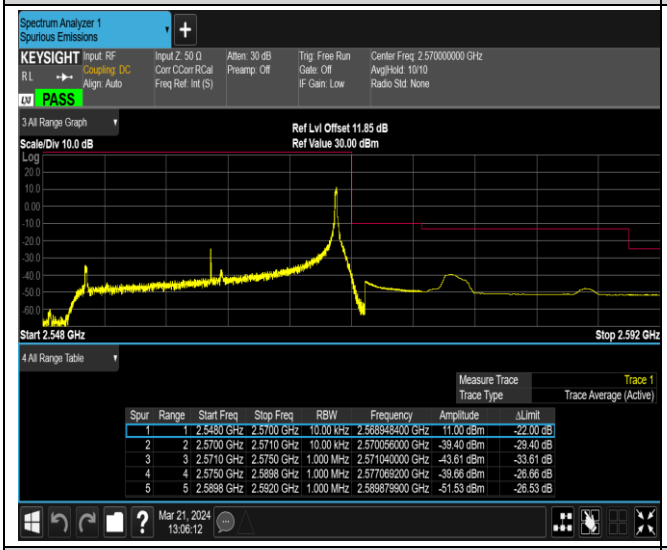
Band7-20MHz-64QAM-21350-1RB#0



Band7-20MHz-64QAM-21350-1RB#99

Band7-20MHz-64QAM-21350-100RB#0



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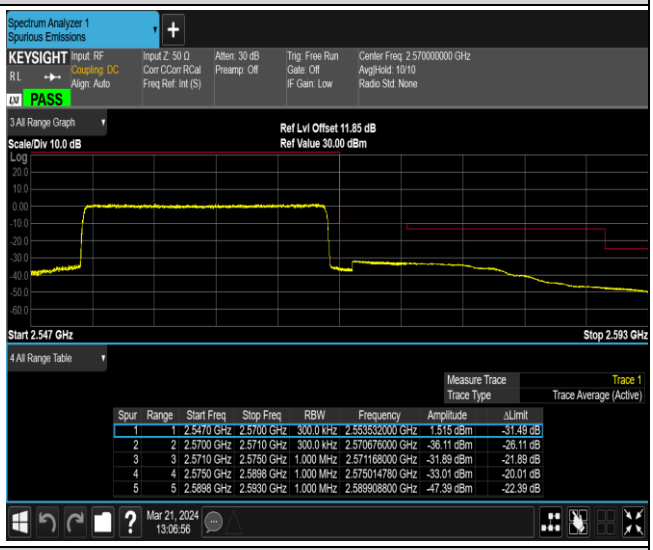
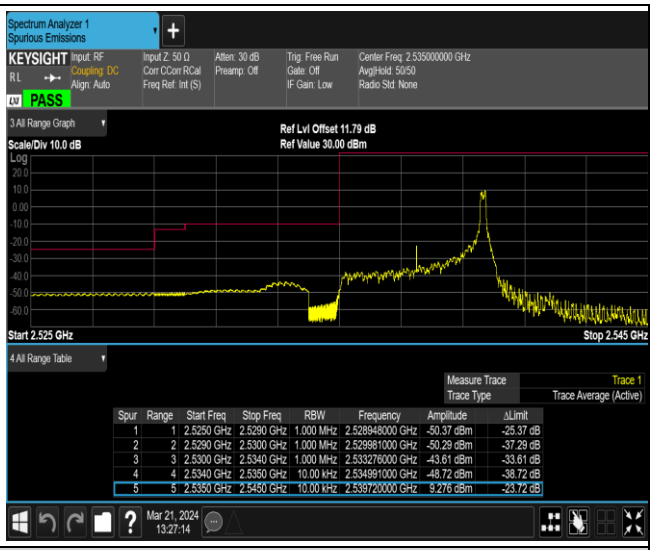
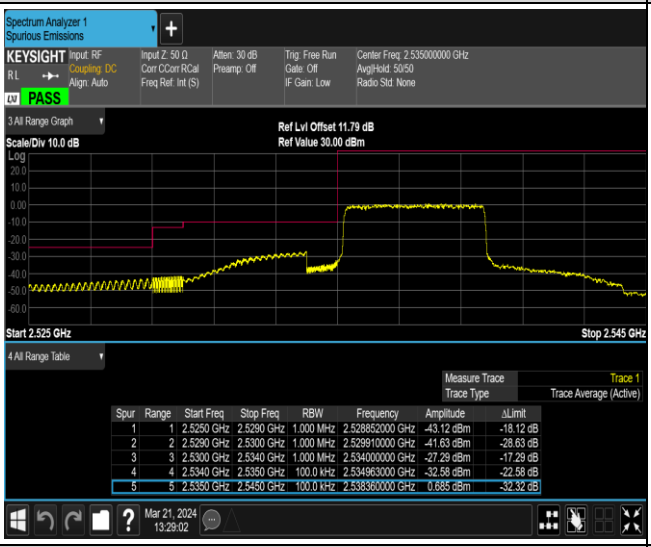


Band41-5MHz-QPSK-40065-1RB#24

Band41-5MHz-QPSK-40065-25RB#0



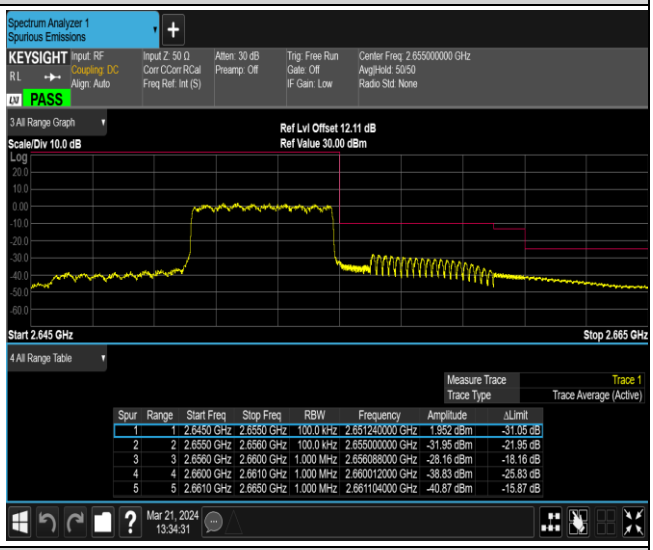
Band41-5MHz-QPSK-41215-1RB#0



Band41-5MHz-QPSK-41215-1RB#24

Band41-5MHz-QPSK-41215-25RB#0

Band41-5MHz-16QAM-40065-1RB#0



Band41-5MHz-16QAM-40065-1RB#24

Band41-5MHz-16QAM-40065-25RB#0

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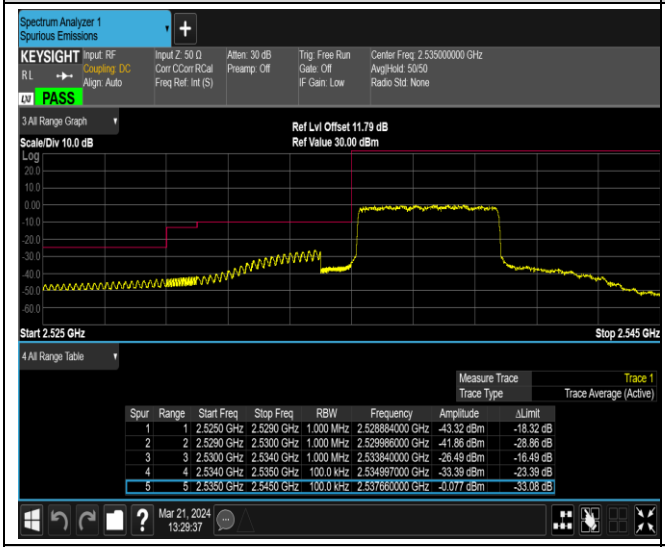
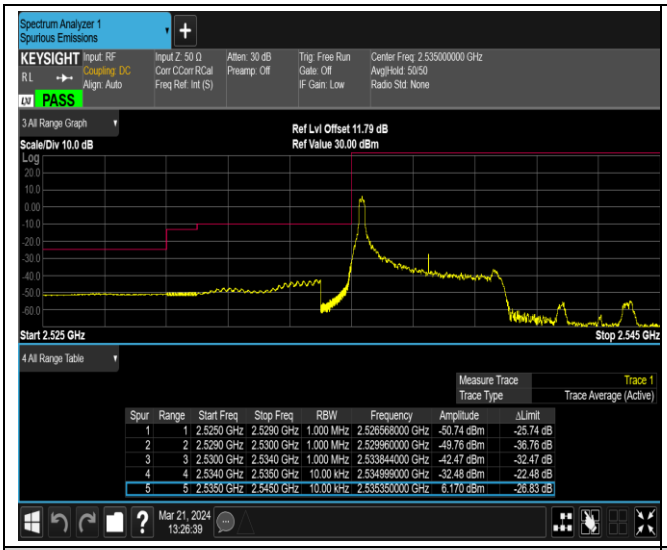


Band41-5MHz-16QAM-41215-1RB#24

Band41-5MHz-16QAM-41215-25RB#0

Band41-5MHz-64QAM-40065-1RB#0

Band41-5MHz-64QAM-40065-1RB#24



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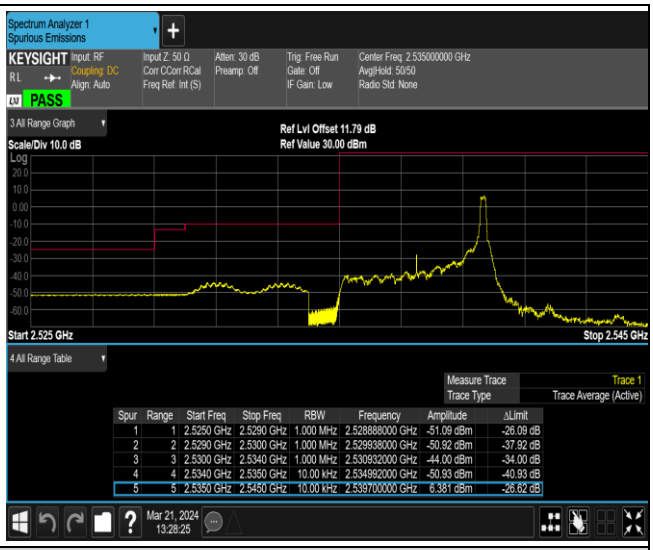

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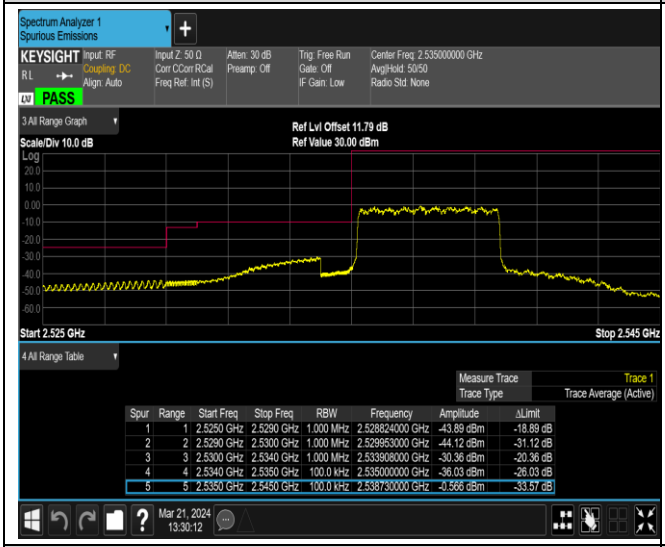
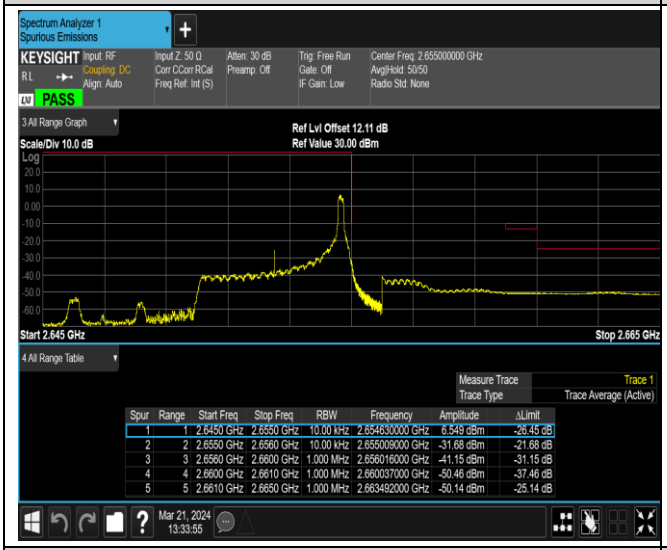


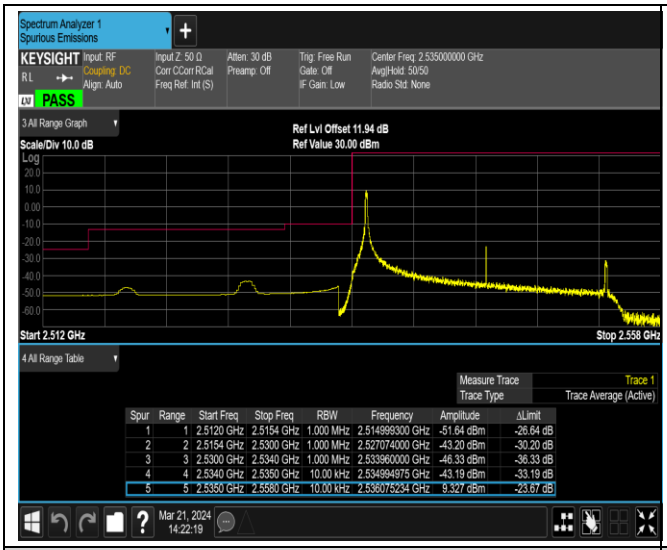
Band41-5MHz-64QAM-41215-1RB#24

Band41-5MHz-64QAM-41215-25RB#0

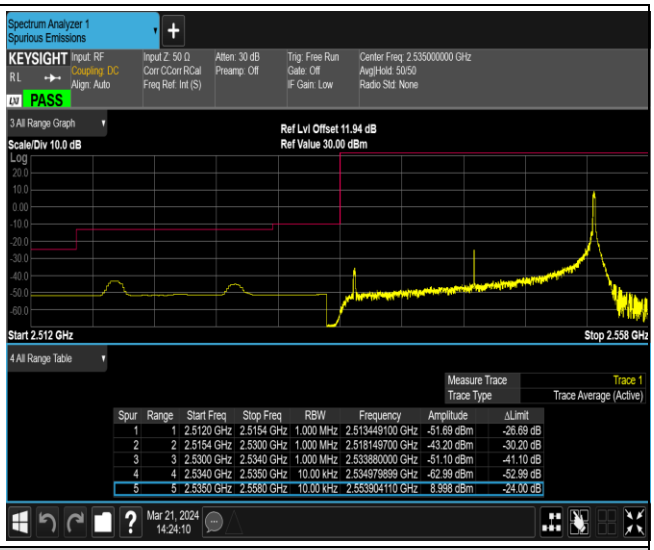


Band41-20MHz-QPSK-40140-1RB#0

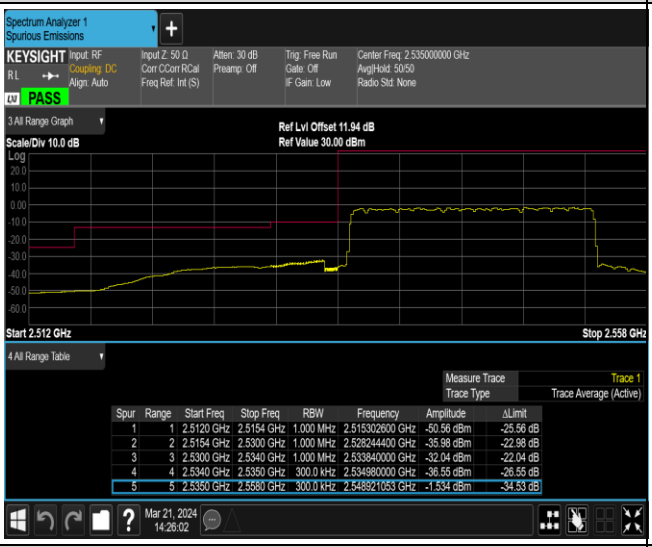
Band41-20MHz-QPSK-40140-1RB#99



Band41-20MHz-QPSK-40140-100RB#0



Band41-20MHz-QPSK-41140-1RB#0



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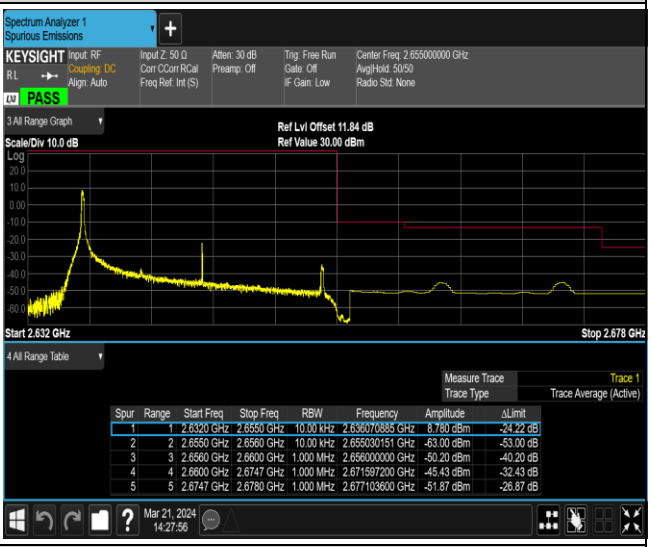

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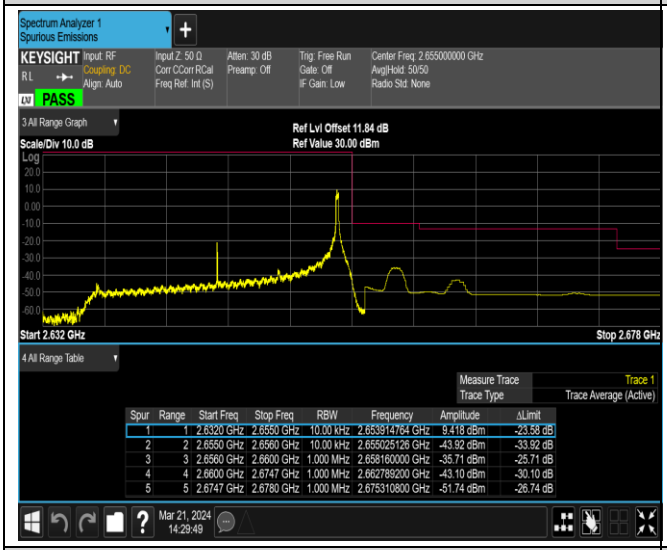

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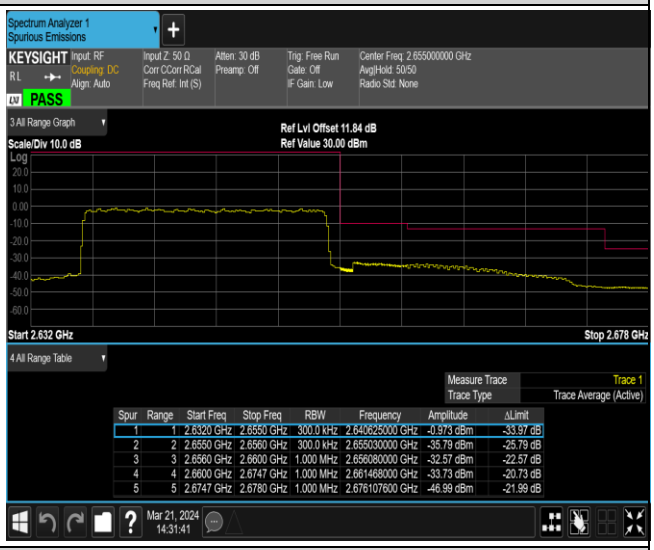

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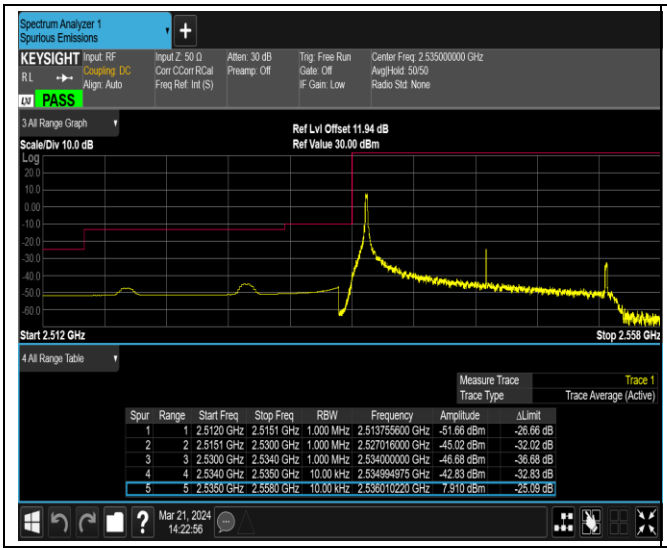
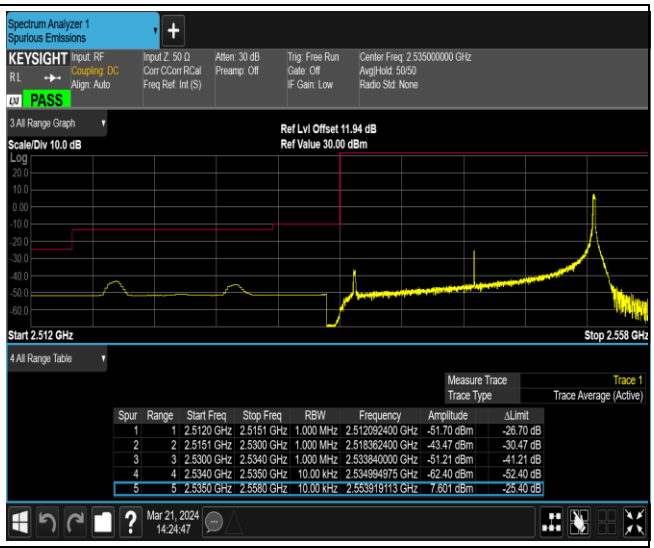


Band41-20MHz-16QAM-40140-100RB#0



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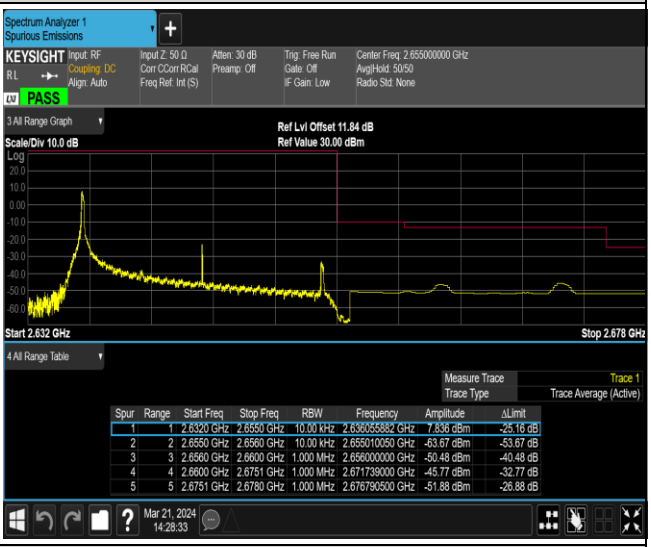

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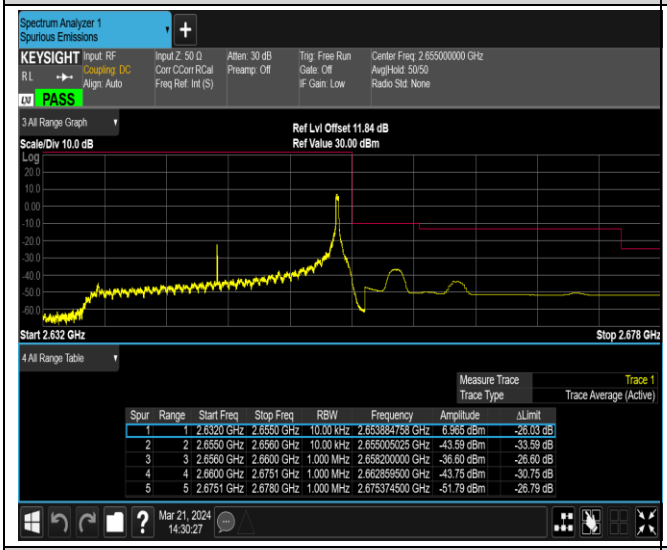

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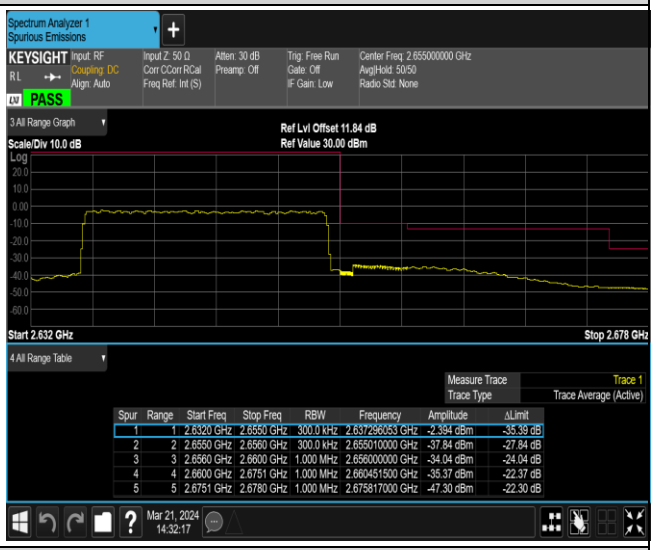

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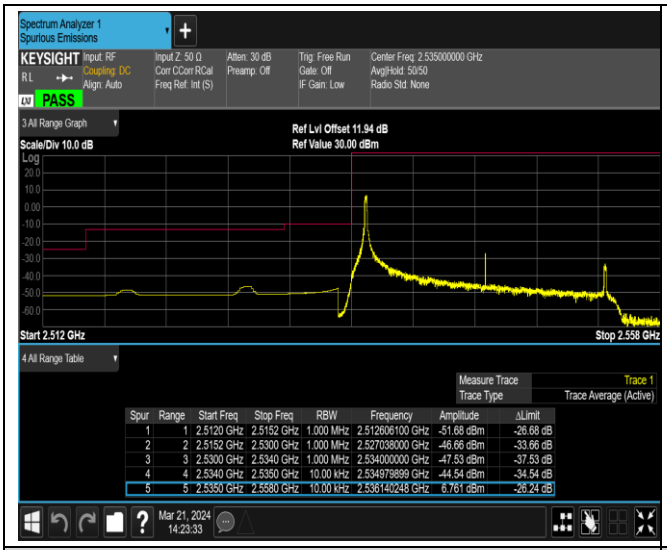

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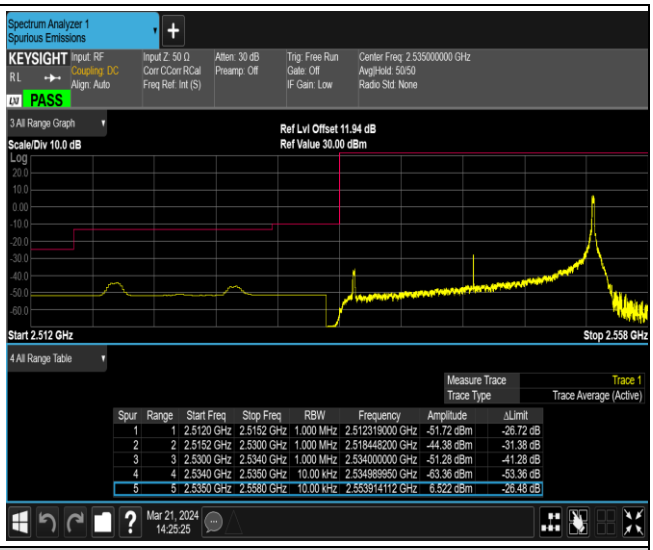

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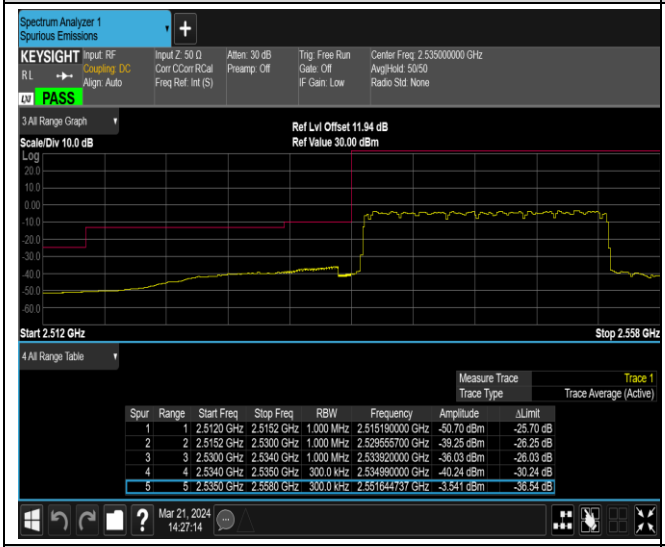
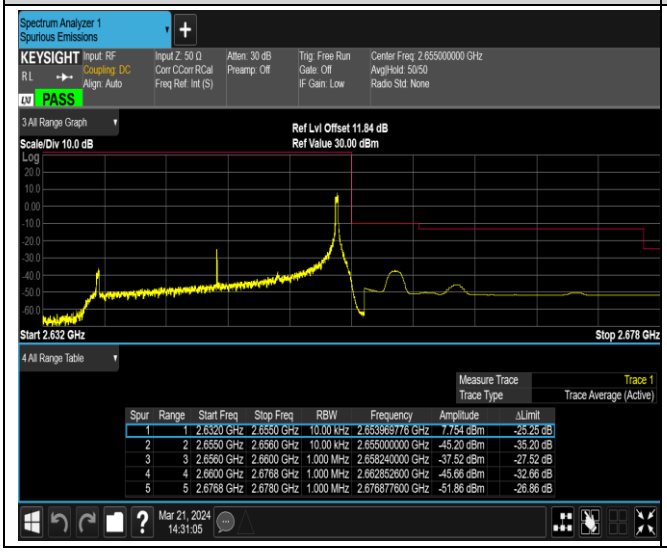
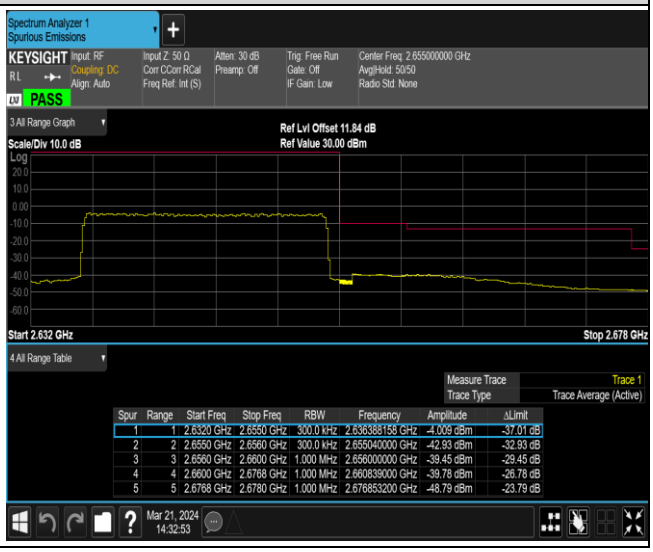


Band41-20MHz-64QAM-41140-1RB#99

Band41-20MHz-64QAM-41140-100RB#0





Appendix E: Conducted Spurious Emission

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-47.25	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-34.22	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-45.8	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-34.13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-46.72	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-34.17	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-47.35	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-34.13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-46.95	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-34.62	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-48.14	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-33.76	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	Range1:30~1000MHz	-47.87	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	Range2:1000~20000MHz	-34.65	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	Range1:30~1000MHz	-47.38	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	Range2:1000~20000MHz	-33.92	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	Range1:30~1000MHz	-47.34	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	Range2:1000~20000MHz	-34.34	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-46.97	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-34.11	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-47.05	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-33.21	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-47.53	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-33.98	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-47.36	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-34.19	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-46.9	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-33.98	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-46.93	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-32.76	PASS
Band2	20MHz	64QAM	18700	1RB#0	Range1:30~1000MHz	-46.6	PASS
Band2	20MHz	64QAM	18700	1RB#0	Range2:1000~20000MHz	-34.47	PASS
Band2	20MHz	64QAM	18900	1RB#0	Range1:30~1000MHz	-47.54	PASS
Band2	20MHz	64QAM	18900	1RB#0	Range2:1000~20000MHz	-34.21	PASS
Band2	20MHz	64QAM	19100	1RB#0	Range1:30~1000MHz	-47.16	PASS
Band2	20MHz	64QAM	19100	1RB#0	Range2:1000~20000MHz	-34.89	PASS

Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-46.28	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-34.63	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.62	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.63	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-46.25	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-34.11	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-46.34	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-34.17	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-46.84	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.53	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-46.52	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-33.55	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	Range1:30~1000MHz	-47.12	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	Range2:1000~20000MHz	-34.16	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-45.96	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	Range2:1000~20000MHz	-34.2	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range1:30~1000MHz	-46.95	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	Range2:1000~20000MHz	-33.98	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-48.94	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-38.68	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-48.19	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.38	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-48.25	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-38.68	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-48.43	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-38.69	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-36.8	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-49.79	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-37.16	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range1:30~1000MHz	-48.68	PASS
Band4	20MHz	64QAM	20050	1RB#0	Range2:1000~20000MHz	-38.3	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range1:30~1000MHz	-49.46	PASS
Band4	20MHz	64QAM	20175	1RB#0	Range2:1000~20000MHz	-38	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range1:30~1000MHz	-49.18	PASS
Band4	20MHz	64QAM	20300	1RB#0	Range2:1000~20000MHz	-38.46	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-49.12	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-39.46	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-48.16	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-36.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-48.5	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-34.81	PASS

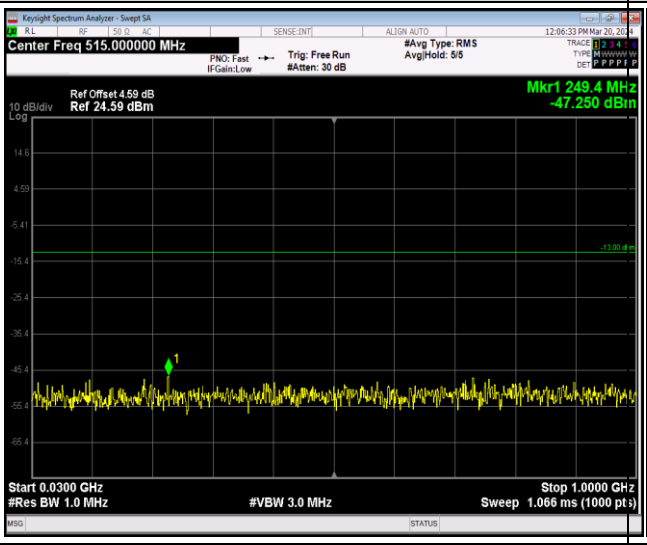
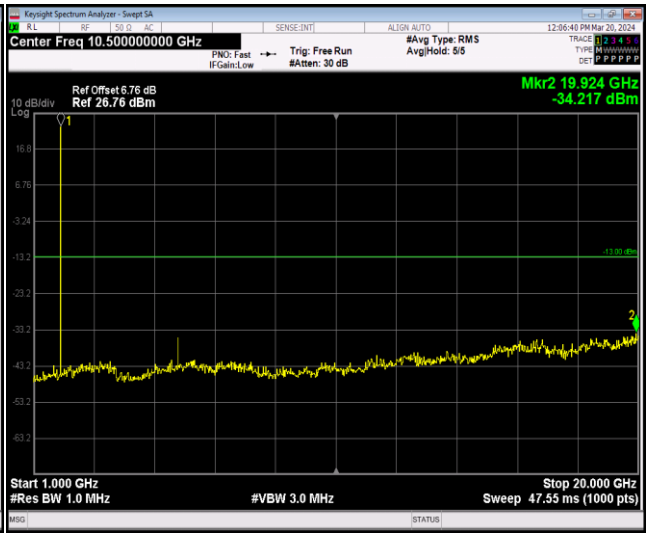
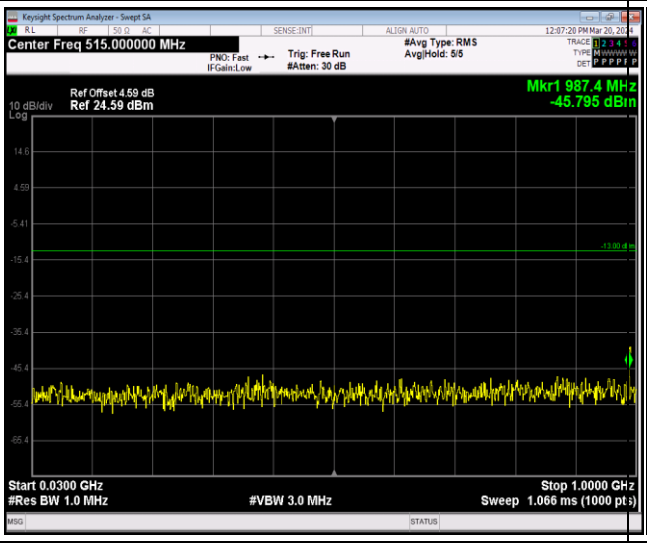
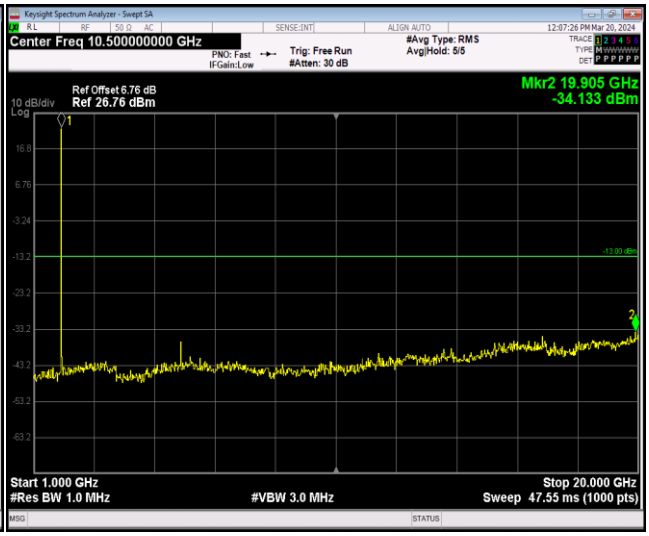
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-49.2	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-39.59	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-49.42	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-35.47	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-49.04	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-38.51	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	Range1:30~1000MHz	-48.08	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	Range2:1000~10000MHz	-40.52	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	Range1:30~1000MHz	-49.5	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	Range2:1000~10000MHz	-40.54	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	Range1:30~1000MHz	-48.88	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	Range2:1000~10000MHz	-37.75	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-49.12	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-38.31	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-48.91	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-39.71	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-48.4	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-33.06	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-49.18	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-39.85	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-49.26	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.51	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-49.32	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-38.89	PASS
Band5	10MHz	64QAM	20450	1RB#0	Range1:30~1000MHz	-49.33	PASS
Band5	10MHz	64QAM	20450	1RB#0	Range2:1000~10000MHz	-37.36	PASS
Band5	10MHz	64QAM	20525	1RB#0	Range1:30~1000MHz	-48.21	PASS
Band5	10MHz	64QAM	20525	1RB#0	Range2:1000~10000MHz	-40.15	PASS
Band5	10MHz	64QAM	20600	1RB#0	Range1:30~1000MHz	-49.47	PASS
Band5	10MHz	64QAM	20600	1RB#0	Range2:1000~10000MHz	-37.41	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-48.11	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~26500MHz	-35.45	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-49.36	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-35.71	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-48.86	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~26500MHz	-35.61	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-49.02	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~26500MHz	-35.1	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-48.28	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-35.39	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-48.7	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~26500MHz	-35.05	PASS

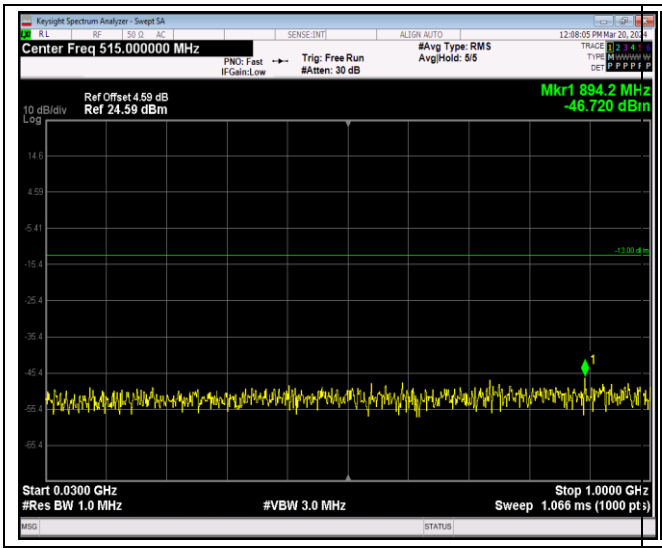
Band7	5MHz	64QAM	20775	1RB#0	Range1:30~1000MHz	-48.97	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range2:1000~26500MHz	-35.2	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-49.14	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range2:1000~26500MHz	-34.31	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range1:30~1000MHz	-49.03	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range2:1000~26500MHz	-35.25	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-48.46	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~26500MHz	-35.21	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-49.6	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~26500MHz	-35.48	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-49.27	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~26500MHz	-35.54	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-49.8	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~26500MHz	-34.67	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-48.1	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~26500MHz	-35.28	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-49.39	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~26500MHz	-34.91	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range1:30~1000MHz	-48.7	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range2:1000~26500MHz	-35.59	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-49.17	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range2:1000~26500MHz	-35.51	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range1:30~1000MHz	-47.92	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range2:1000~26500MHz	-35.02	PASS
Band41	5MHz	QPSK	40065	1RB#0	Range1:30~1000MHz	-48.8	PASS
Band41	5MHz	QPSK	40065	1RB#0	Range2:1000~26500MHz	-34.77	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-49.18	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range2:1000~26500MHz	-34.47	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-48.95	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~26500MHz	-35.27	PASS
Band41	5MHz	16QAM	40065	1RB#0	Range1:30~1000MHz	-49.02	PASS
Band41	5MHz	16QAM	40065	1RB#0	Range2:1000~26500MHz	-35.07	PASS
Band41	5MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-49.09	PASS
Band41	5MHz	16QAM	40640	1RB#0	Range2:1000~26500MHz	-34.18	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:30~1000MHz	-49.83	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:1000~26500MHz	-35.04	PASS
Band41	5MHz	64QAM	40065	1RB#0	Range1:30~1000MHz	-49.51	PASS
Band41	5MHz	64QAM	40065	1RB#0	Range2:1000~26500MHz	-34.94	PASS
Band41	5MHz	64QAM	40640	1RB#0	Range1:30~1000MHz	-49.27	PASS
Band41	5MHz	64QAM	40640	1RB#0	Range2:1000~26500MHz	-33.95	PASS
Band41	5MHz	64QAM	41215	1RB#0	Range1:30~1000MHz	-48.14	PASS
Band41	5MHz	64QAM	41215	1RB#0	Range2:1000~26500MHz	-35.2	PASS

Band41	20MHz	QPSK	40140	1RB#0	Range1:30~1000MHz	-49.26	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range2:1000~26500MHz	-34.71	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-49.51	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range2:1000~26500MHz	-34.73	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-49.1	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~26500MHz	-35.11	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range1:30~1000MHz	-48.73	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range2:1000~26500MHz	-35.13	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-49.38	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range2:1000~26500MHz	-34.38	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-49.44	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~26500MHz	-35.07	PASS
Band41	20MHz	64QAM	40140	1RB#0	Range1:30~1000MHz	-49.74	PASS
Band41	20MHz	64QAM	40140	1RB#0	Range2:1000~26500MHz	-35.3	PASS
Band41	20MHz	64QAM	40640	1RB#0	Range1:30~1000MHz	-49.6	PASS
Band41	20MHz	64QAM	40640	1RB#0	Range2:1000~26500MHz	-35.61	PASS
Band41	20MHz	64QAM	41140	1RB#0	Range1:30~1000MHz	-48.87	PASS
Band41	20MHz	64QAM	41140	1RB#0	Range2:1000~26500MHz	-35.42	PASS

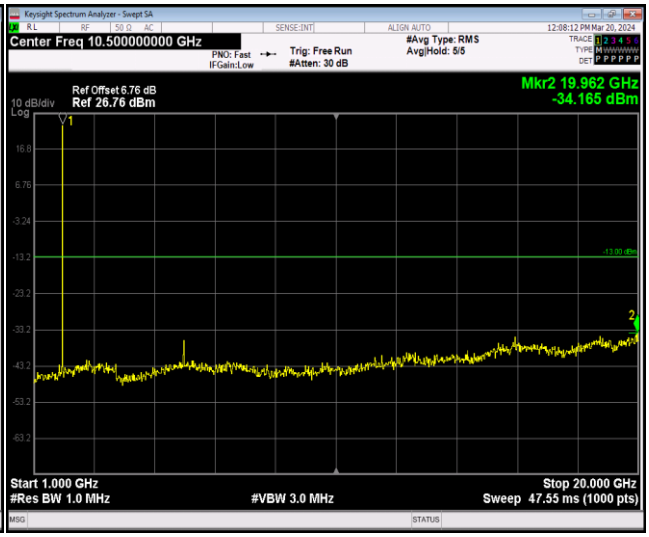
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

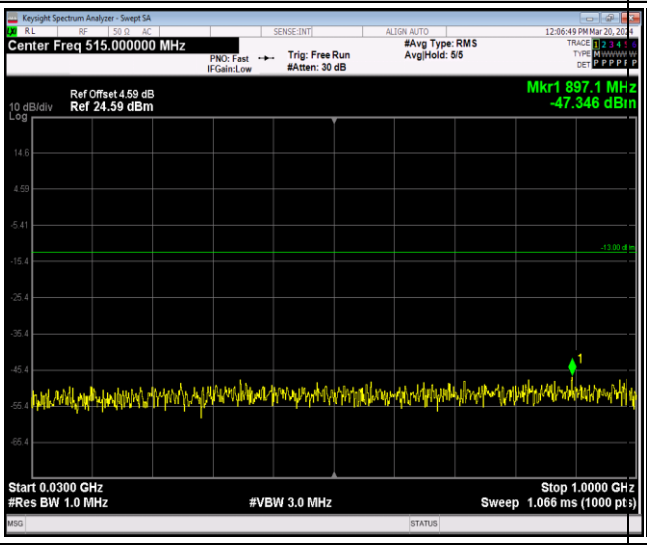
Band2-1.4MHz-QPSK-18607-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-18607-1RB#0-Range2:1000~20000MHz
	
Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz
	
Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~20000MHz



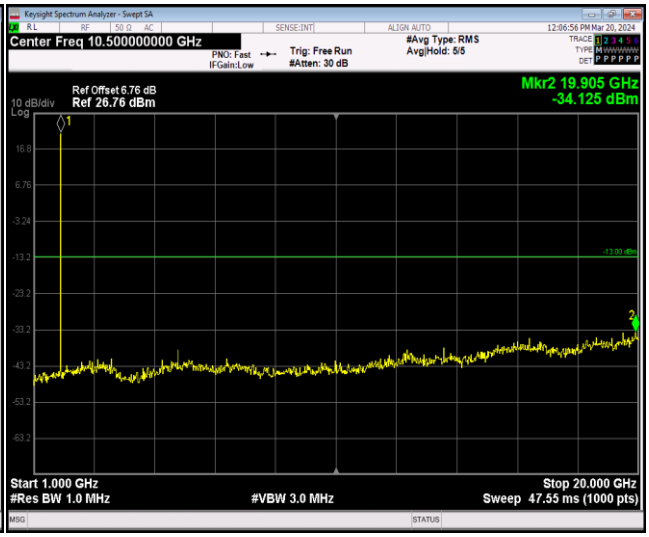
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz



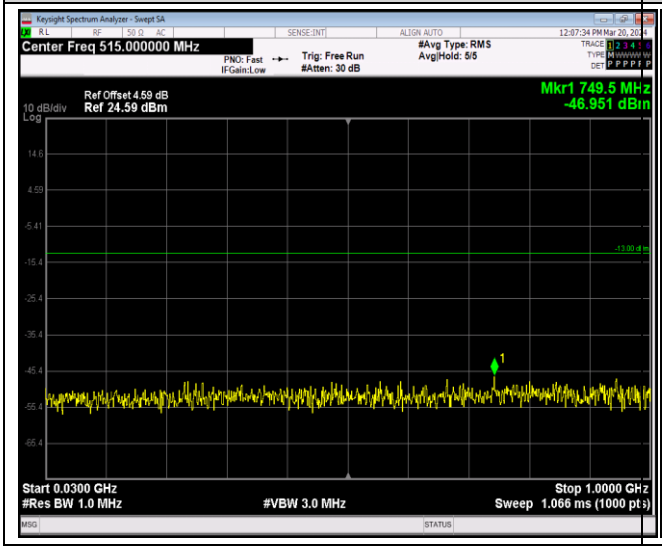
Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~20000MHz

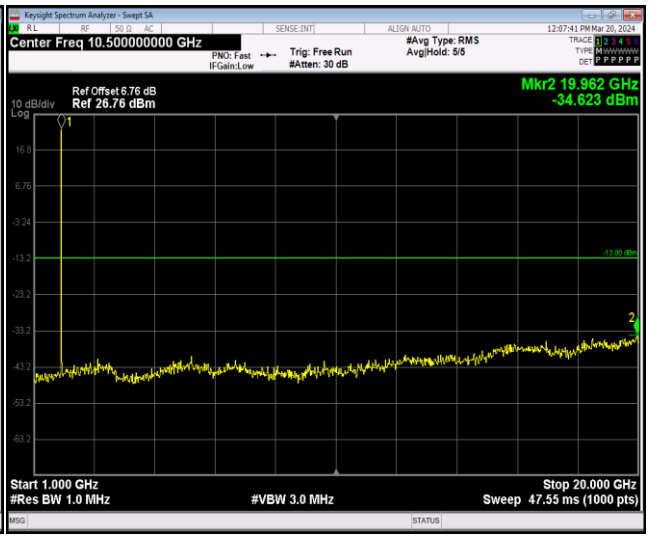


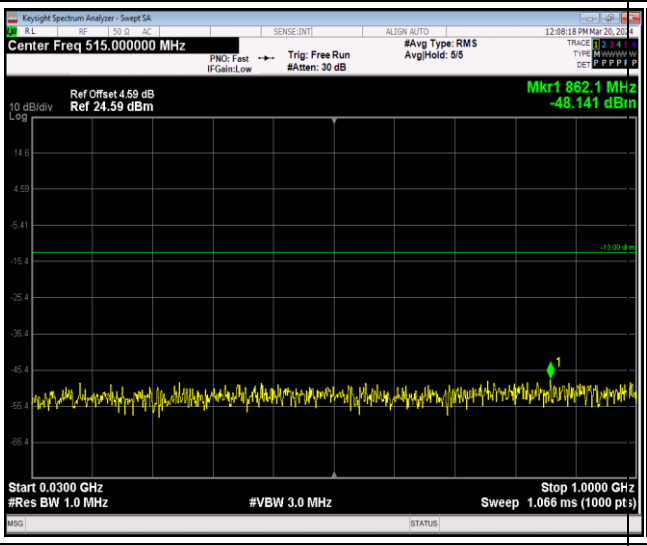
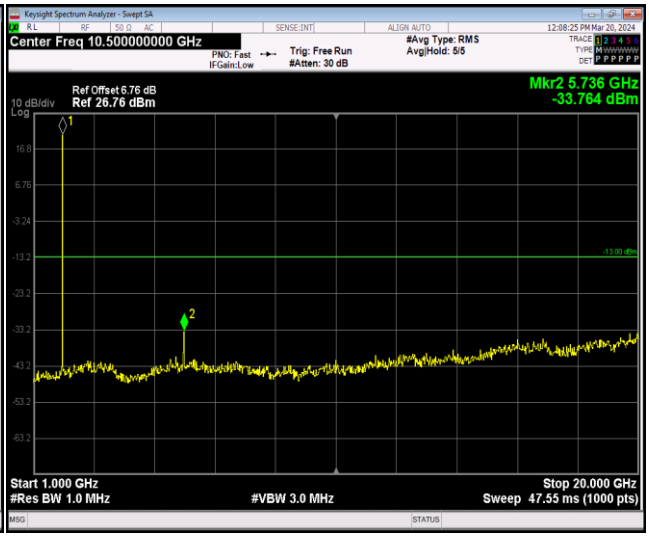
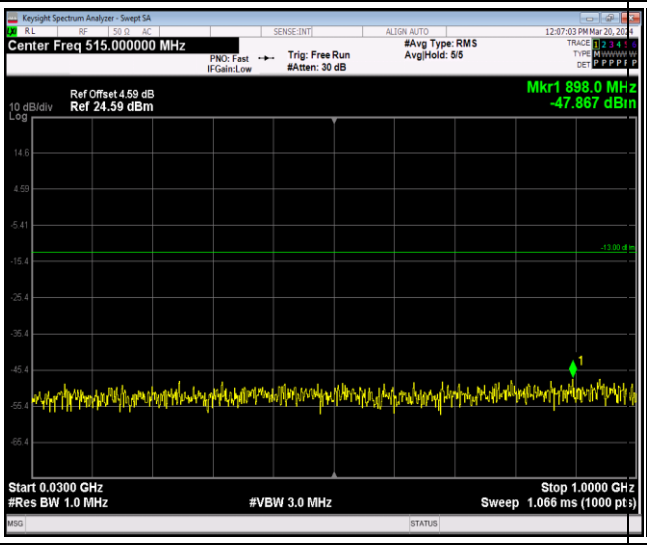
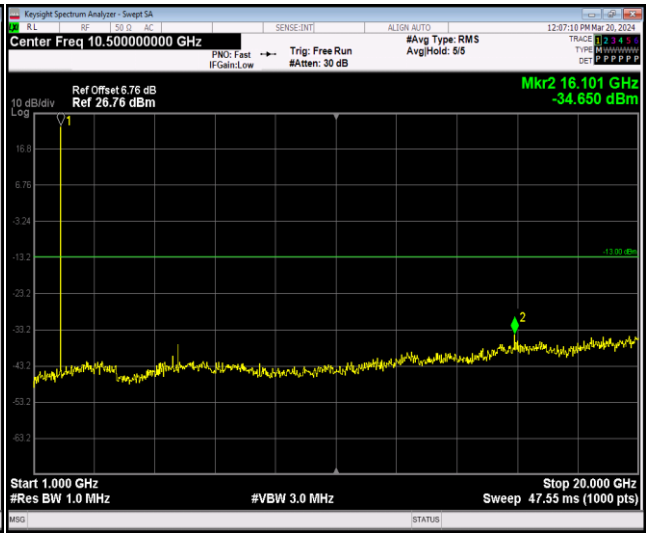
Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

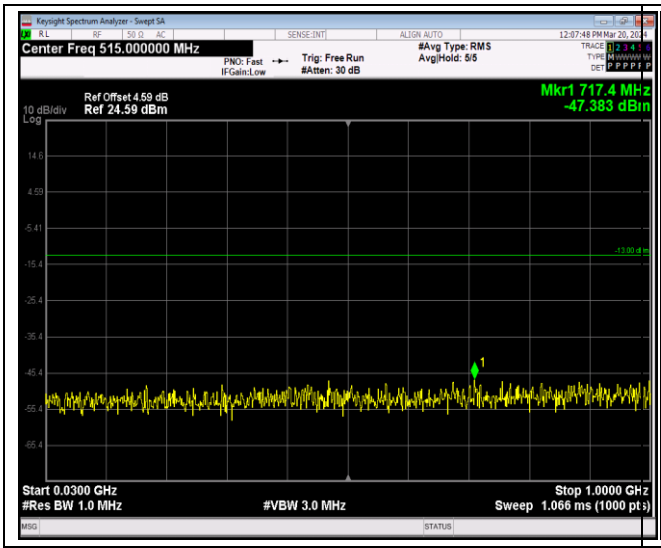


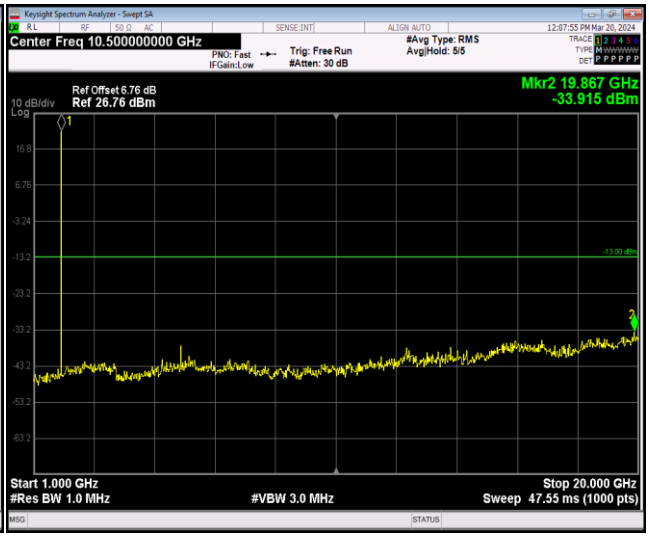
Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz





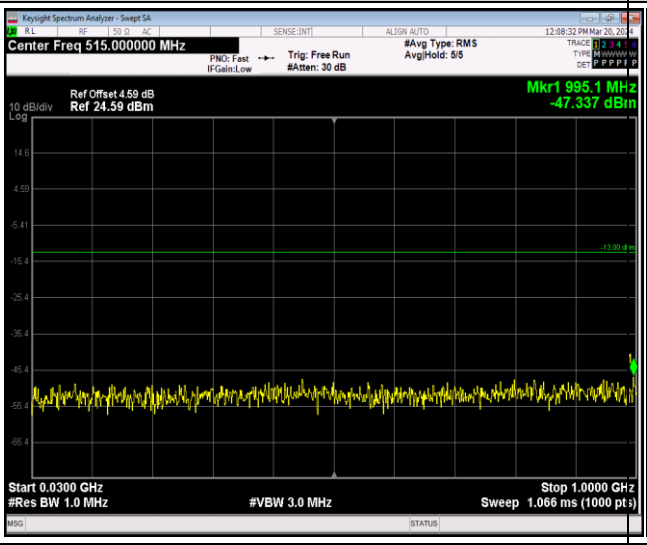
Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~20000MHz
	
Band2-1.4MHz-64QAM-18607-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-64QAM-18607-1RB#0-Range2:1000~20000MHz
	
Band2-1.4MHz-64QAM-18900-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-64QAM-18900-1RB#0-Range2:1000~20000MHz

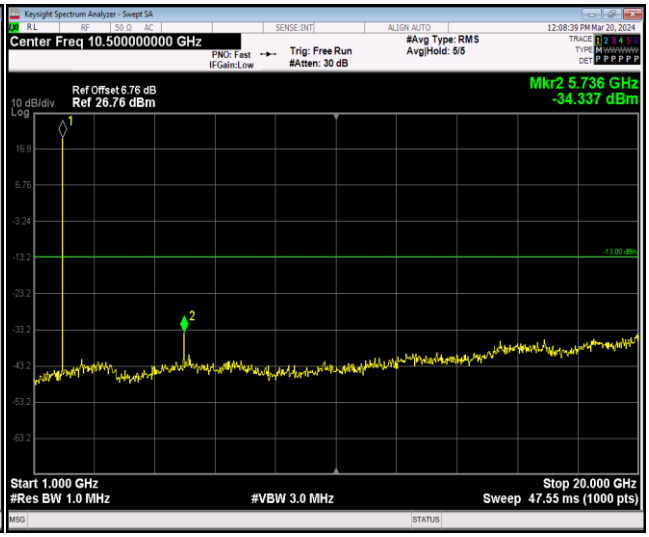


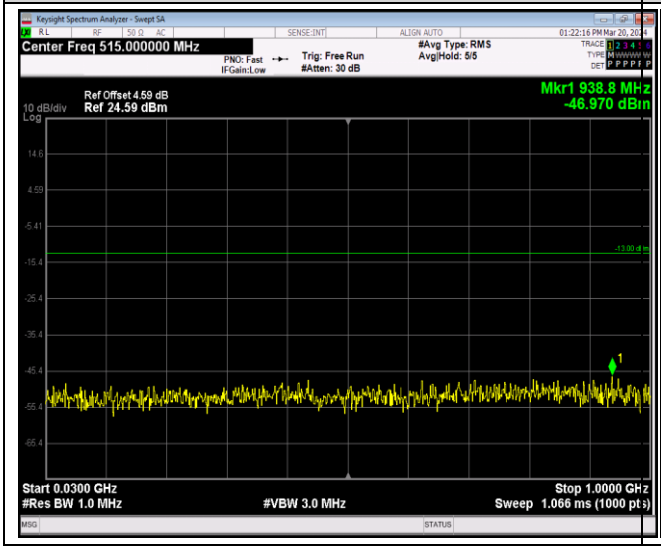
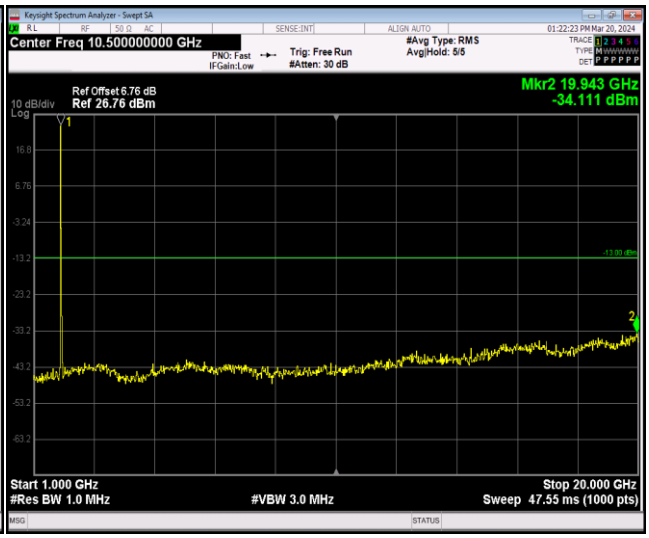


Band2-1.4MHz-64QAM-19193-1RB#0-Range1:30~1000MHz

Band2-1.4MHz-64QAM-19193-1RB#0-Range2:1000~20000MHz





Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz

Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz