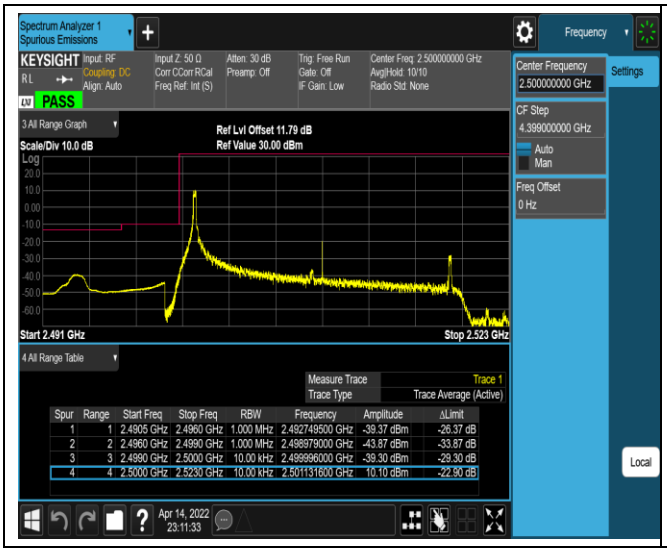
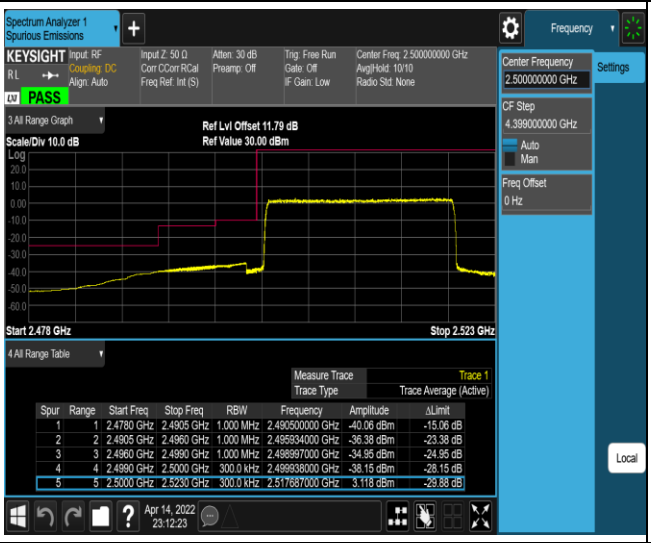
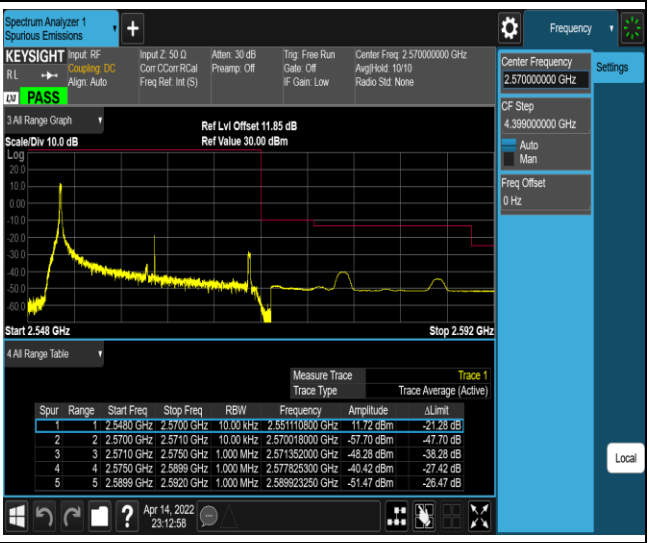


Band7-20MHz-16QAM-20850-100RB#0

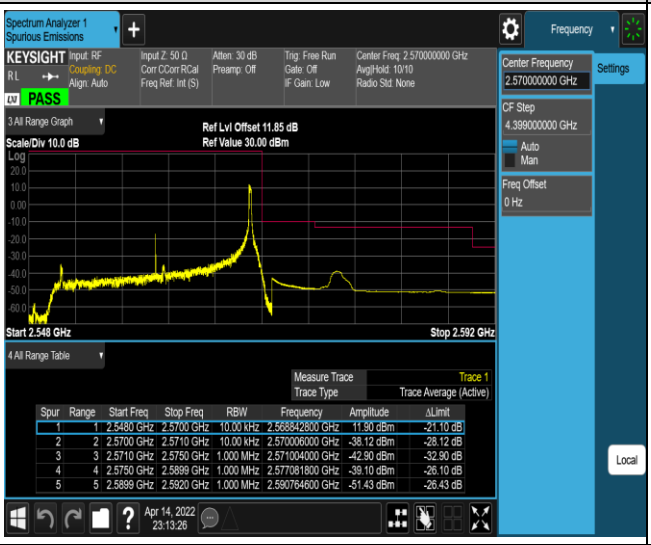
Band7-20MHz-16QAM-21350-1RB#0



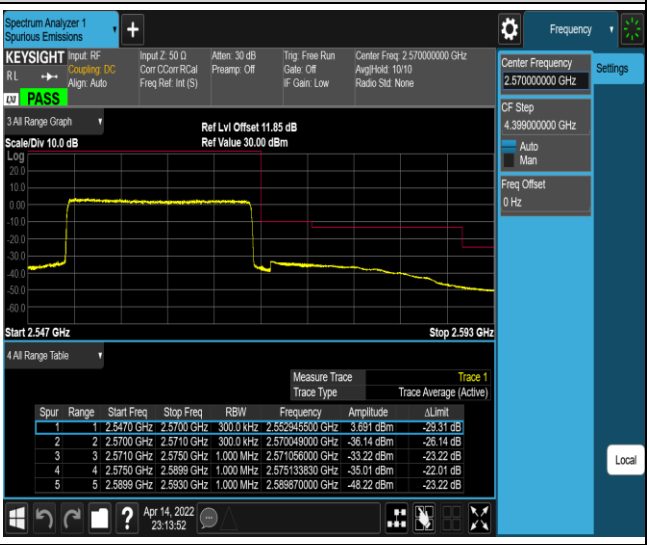
Band7-20MHz-16QAM-21350-1RB#99



Band7-20MHz-16QAM-21350-100RB#0

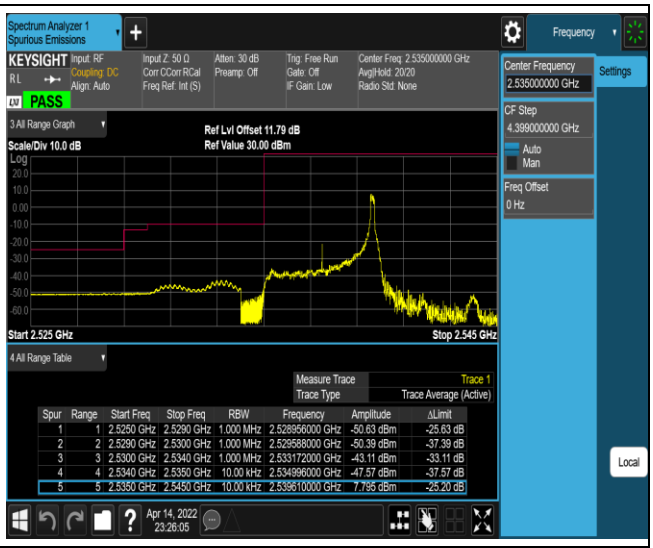


Band41-5MHz-QPSK-40065-1RB#0



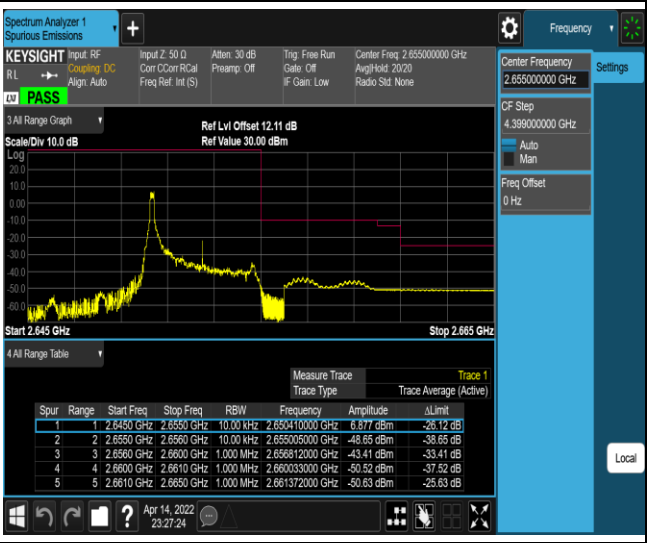
Band41-5MHz-QPSK-40065-1RB#24

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



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

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



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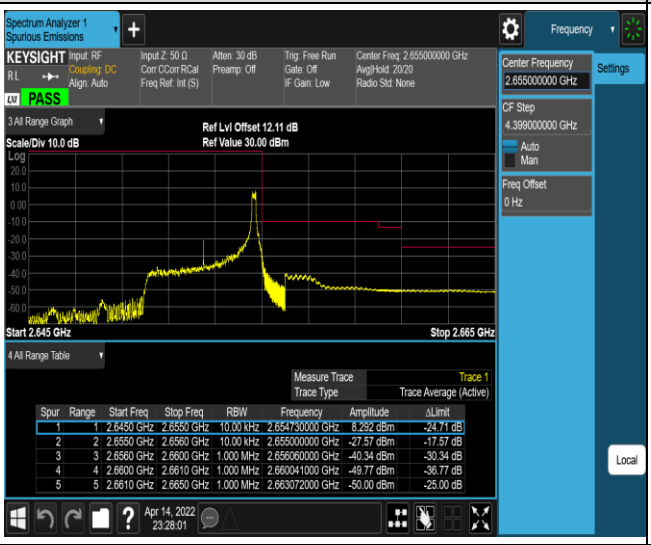

Band41-5MHz-16QAM-40065-1RB#0

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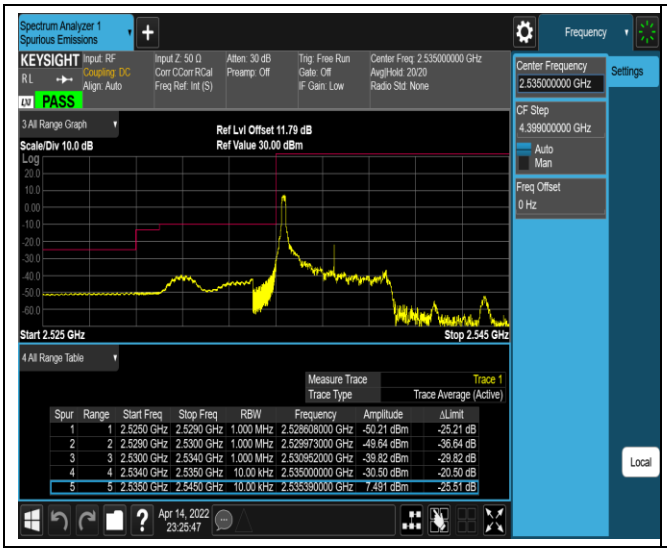

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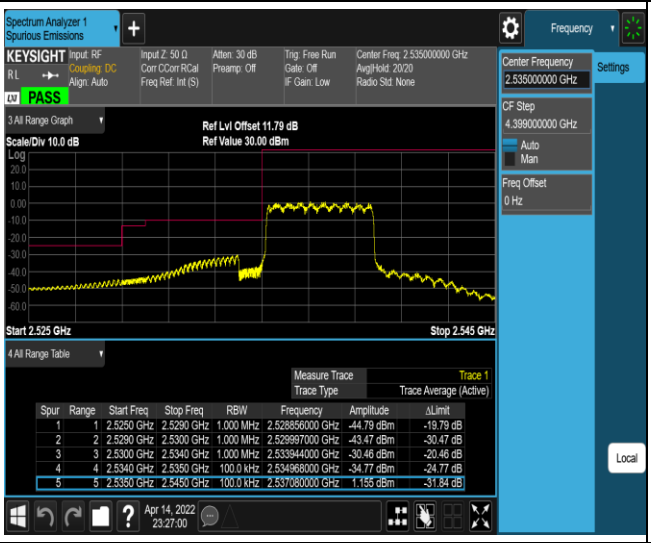
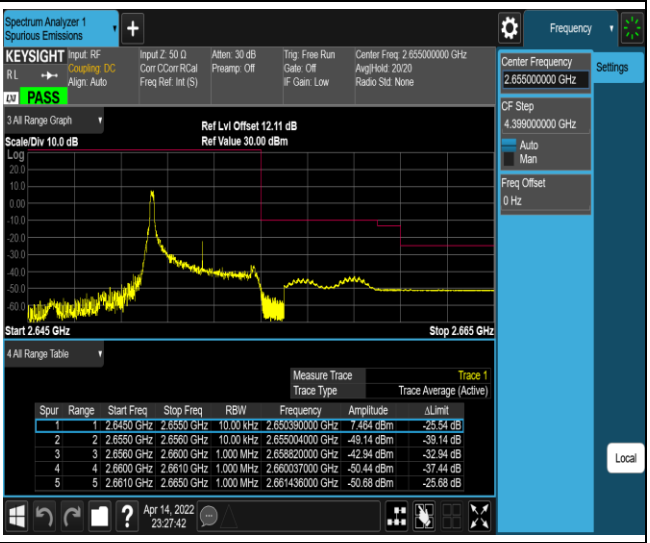
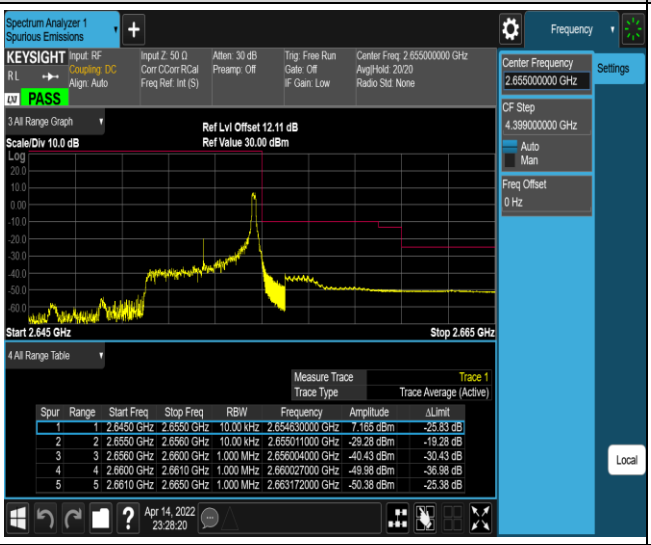
Band41-5MHz-16QAM-41215-1RB#0



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

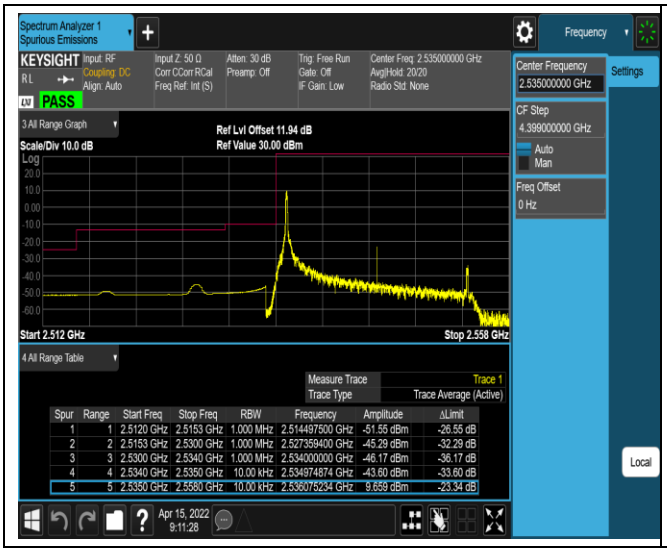


Band41-5MHz-16QAM-41215-25RB#0

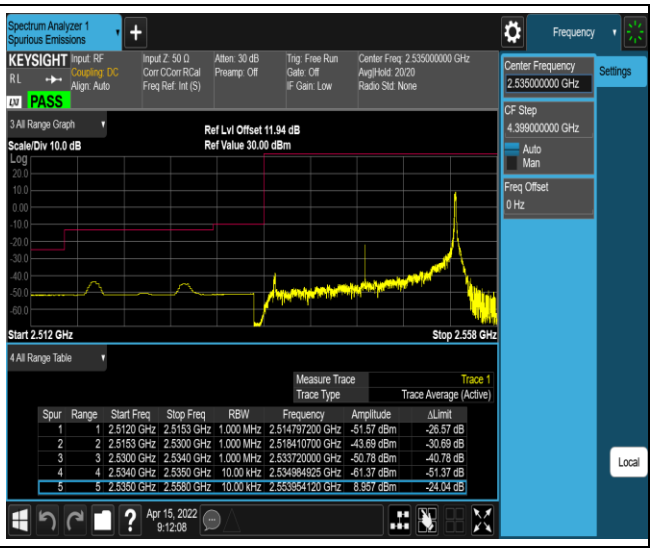


Band41-20MHz-QPSK-40140-1RB#0

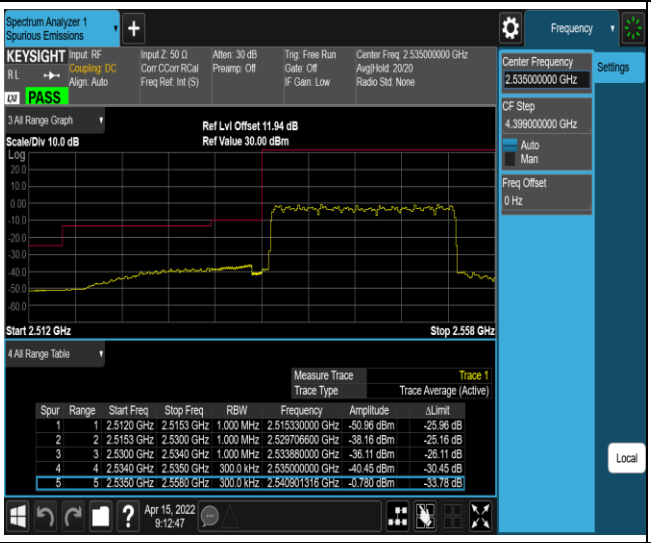
Band41-20MHz-QPSK-40140-1RB#99



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



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



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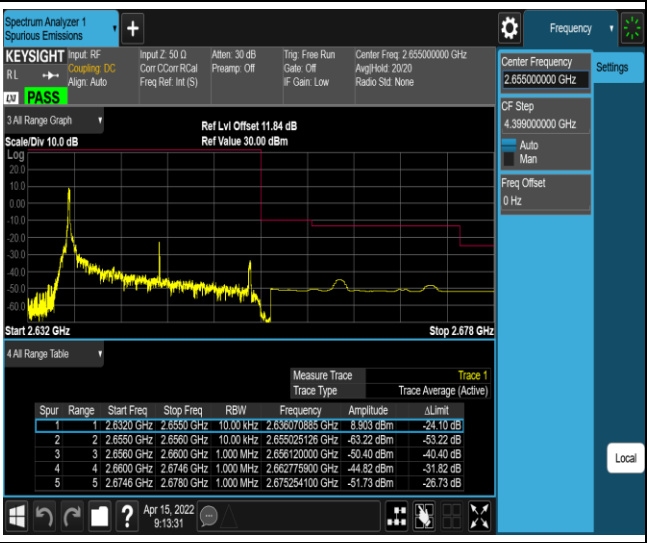

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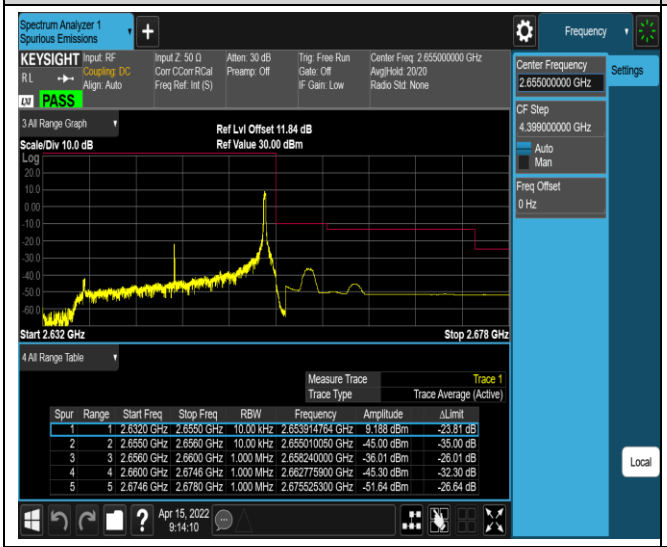

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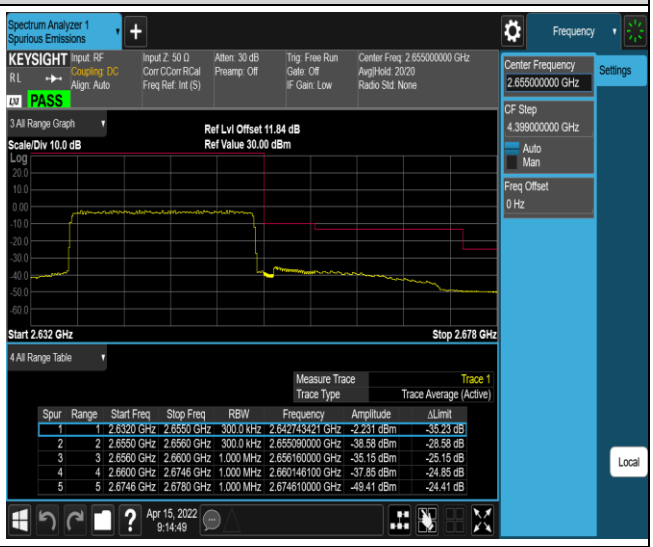
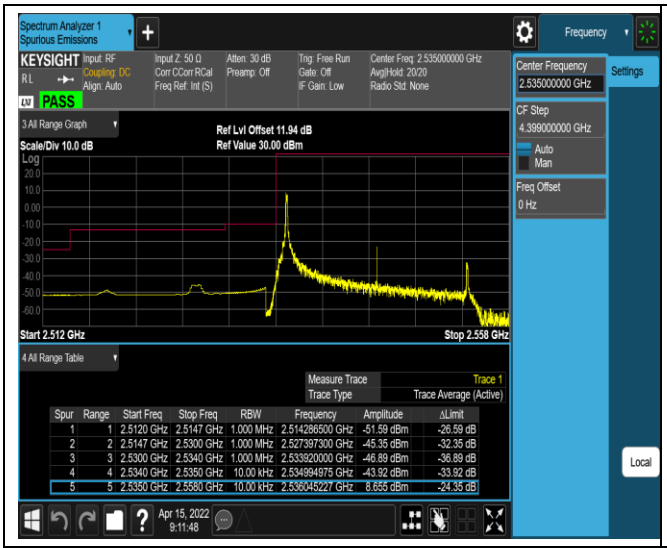
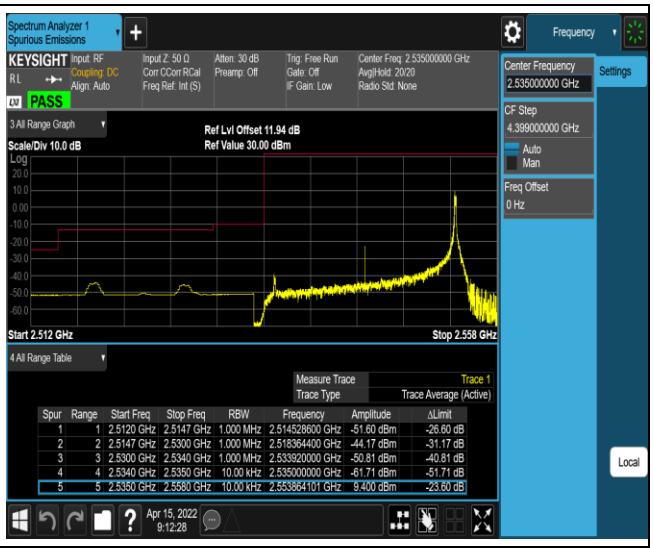


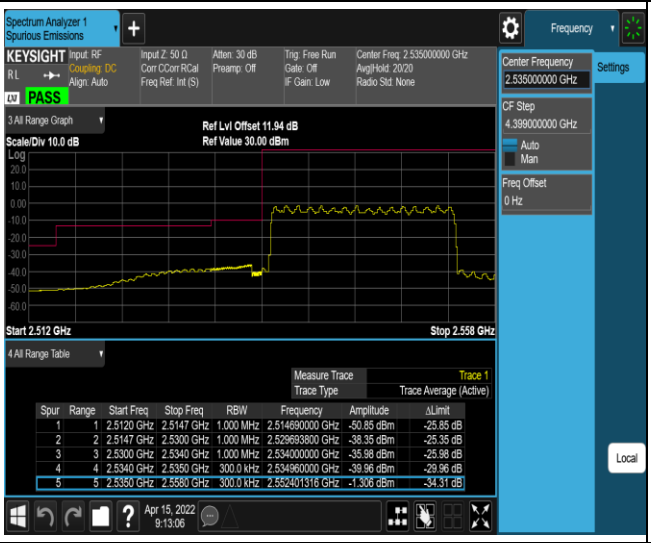
Band41-20MHz-16QAM-40140-1RB#99



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



Band41-20MHz-16QAM-41140-1RB#0



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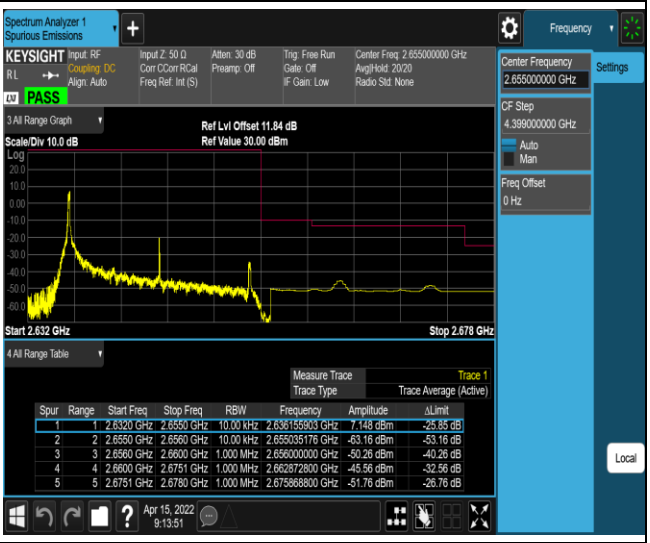
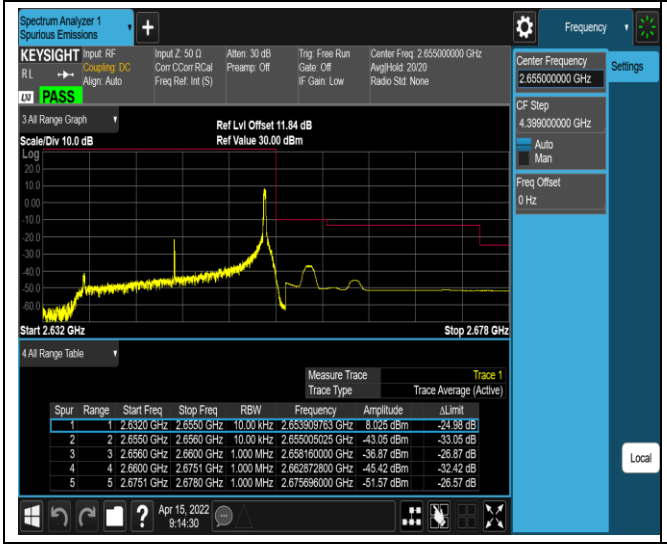
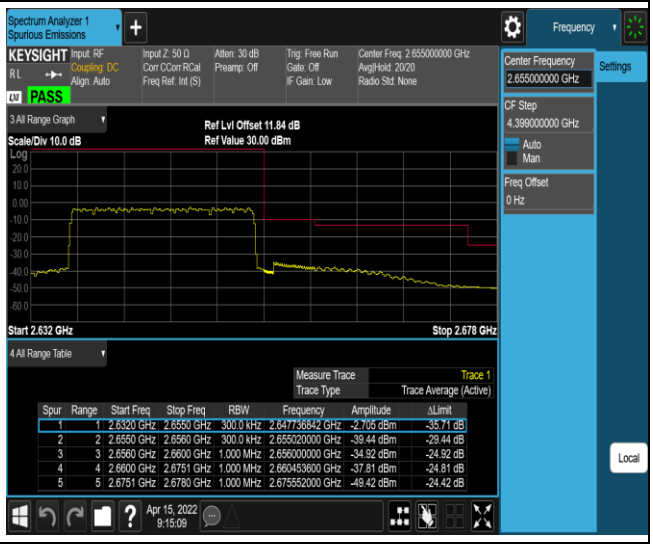


Band41-20MHz-16QAM-41140-100RB#0





Appendix E: Conducted Spurious Emission

Test Result (worst case)

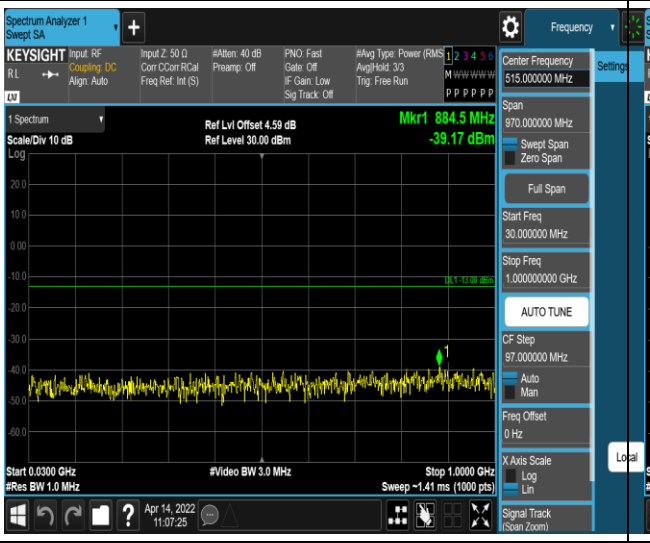
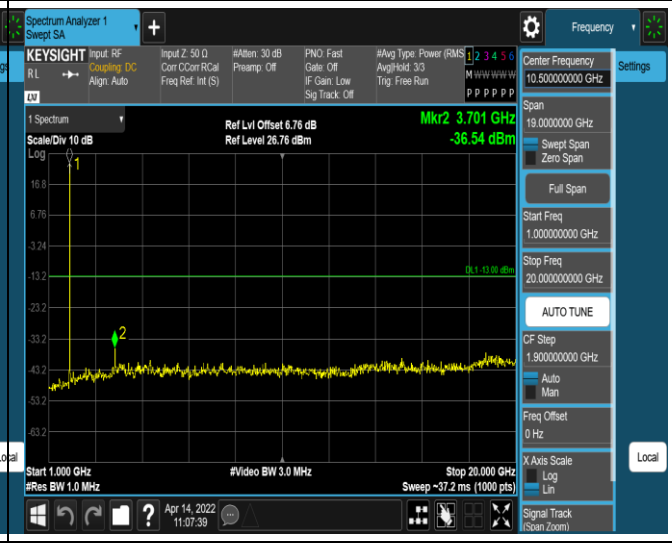
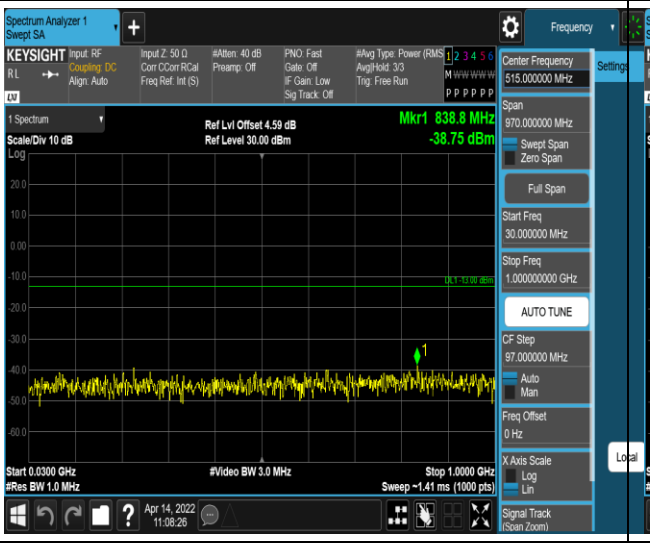
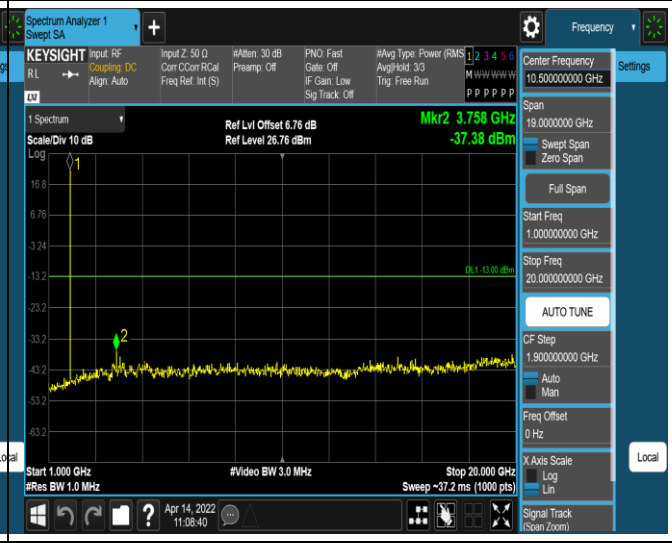
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-39.17	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-36.54	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.75	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-37.38	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-37.39	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-36.22	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-38.85	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-34.53	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.48	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-37.11	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-39.36	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-36.82	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-38.68	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-34.56	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.99	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-36.76	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-38.63	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-34.68	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-39.56	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-37.9	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.14	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-36.56	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-39.2	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-36.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-39.47	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-38.21	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-39.27	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-37.98	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-38.71	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-37.9	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-38.28	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-37.84	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-37.81	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.17	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-37.78	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-38.11	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-39.5	PASS

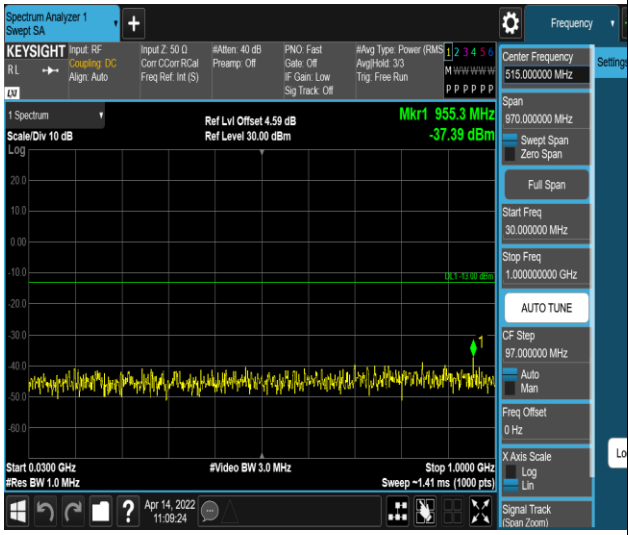
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-37.88	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-38.28	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-39.14	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-37.66	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-39.33	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-37.86	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-38.67	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.1	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-38.37	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-38.79	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-47.91	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-40.3	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-49.2	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.66	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-48.79	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-39.86	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-49.27	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-39.91	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-48.17	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-39.8	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-48.69	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-40.34	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-48.47	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-39.74	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-48.31	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-40.81	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-48.43	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-40.07	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-48.09	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-40.49	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-49.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.04	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-48.96	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-40.36	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-49.64	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-35.31	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-48.59	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-35.02	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-48.67	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-35.07	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-48.88	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-34.25	PASS

Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-48.96	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-35.14	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-47.42	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-35.6	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-49.14	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-34	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-49.2	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-35.29	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-47.99	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-35.24	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-48.95	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-34.43	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-49.08	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-35.09	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-49.31	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-34.97	PASS
Band41	5MHz	QPSK	40065	1RB#0	Range1:30~1000MHz	-48.96	PASS
Band41	5MHz	QPSK	40065	1RB#0	Range2:1000~27000MHz	-35.04	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-48.8	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-35.07	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-49.2	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~27000MHz	-34.52	PASS
Band41	5MHz	16QAM	40065	1RB#0	Range1:30~1000MHz	-47.76	PASS
Band41	5MHz	16QAM	40065	1RB#0	Range2:1000~27000MHz	-33.78	PASS
Band41	5MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-49.03	PASS
Band41	5MHz	16QAM	40640	1RB#0	Range2:1000~27000MHz	-34.92	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:30~1000MHz	-48.12	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:1000~27000MHz	-34.76	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range1:30~1000MHz	-48.64	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range2:1000~27000MHz	-34.99	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-47.95	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-35.48	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-48.32	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~27000MHz	-34.47	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range1:30~1000MHz	-48.91	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range2:1000~27000MHz	-34.5	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-48.56	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range2:1000~27000MHz	-35.14	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-48.89	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~27000MHz	-34.42	PASS

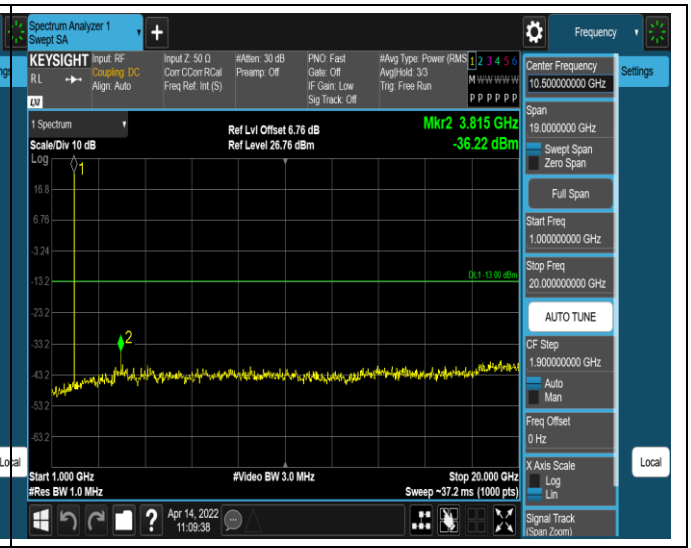
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

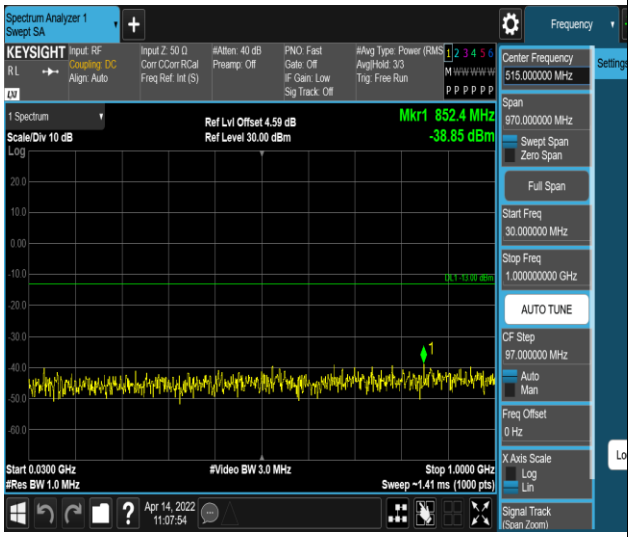
Band2-1.4MHz-QPSK-18607-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-18607-1RB#0-Range2:1000~20000MHz
	
Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz
	
Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~20000MHz



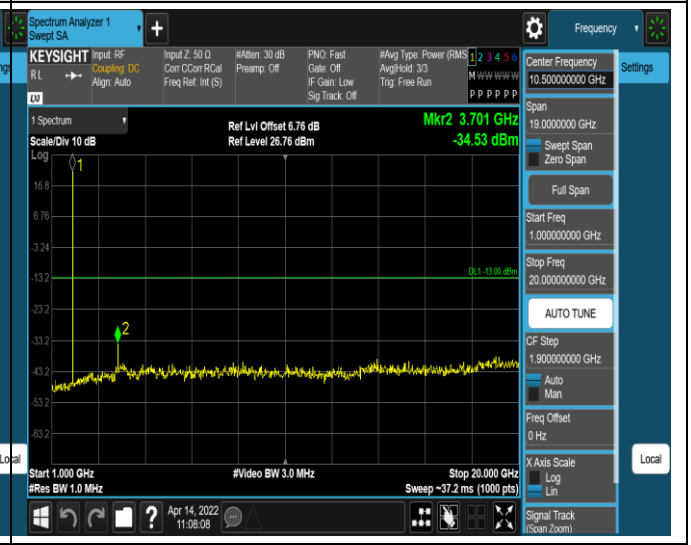
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz



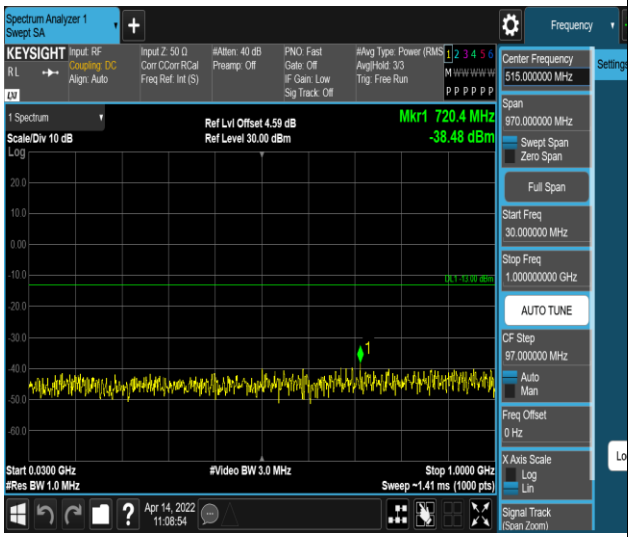
Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~20000MHz



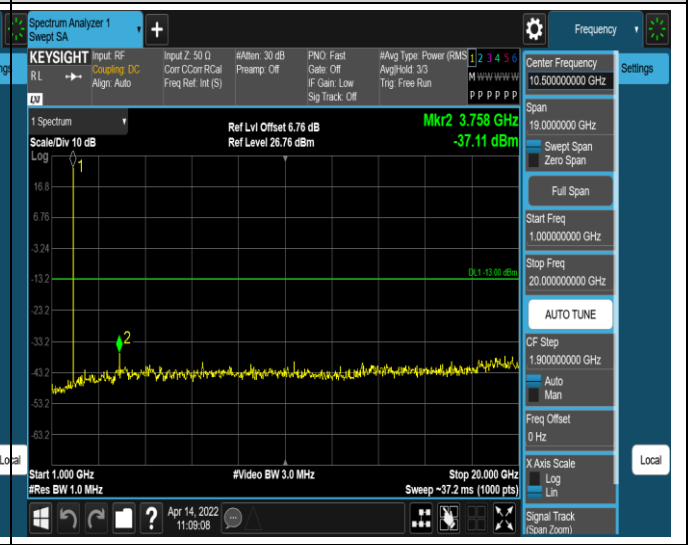
Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



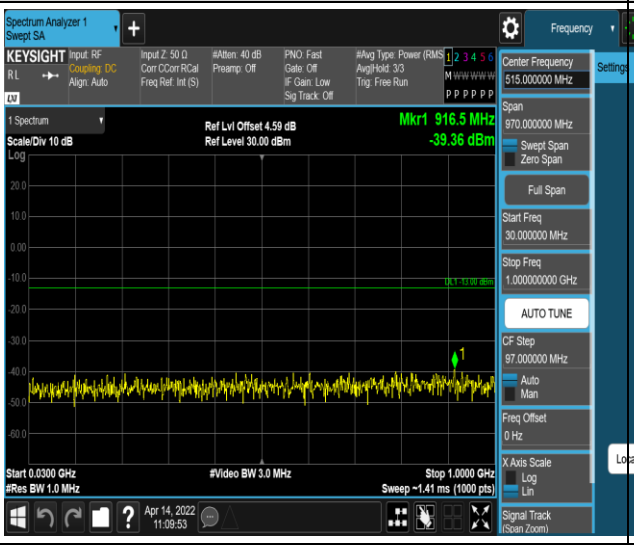
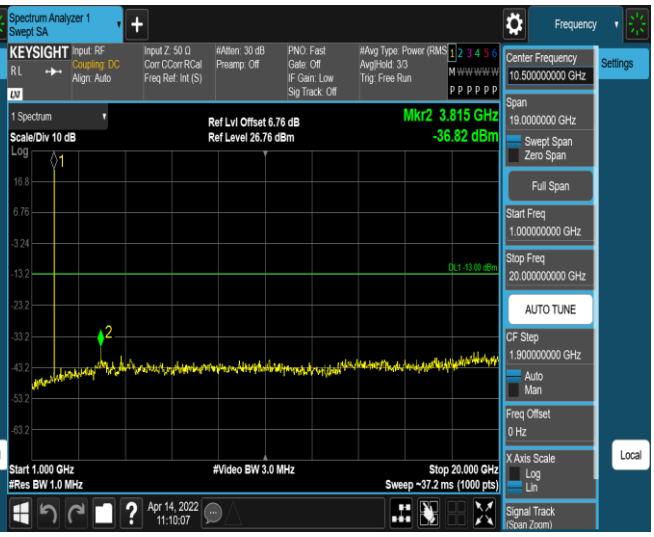
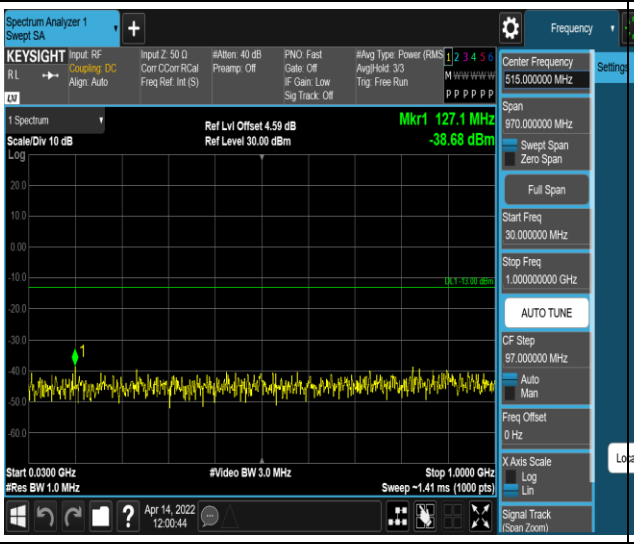
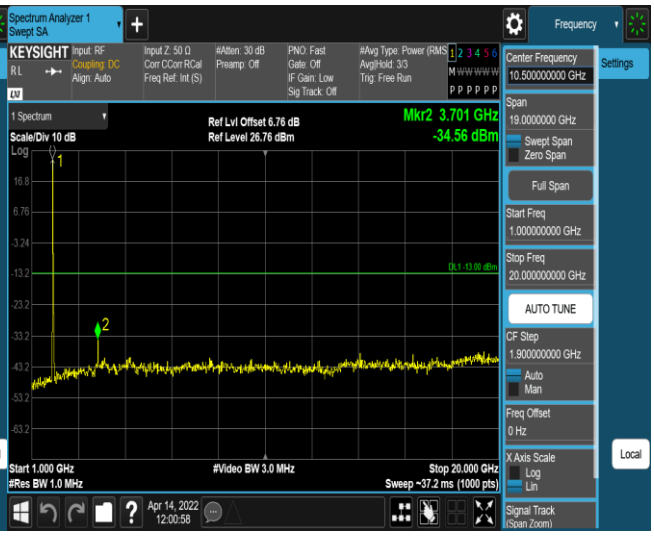
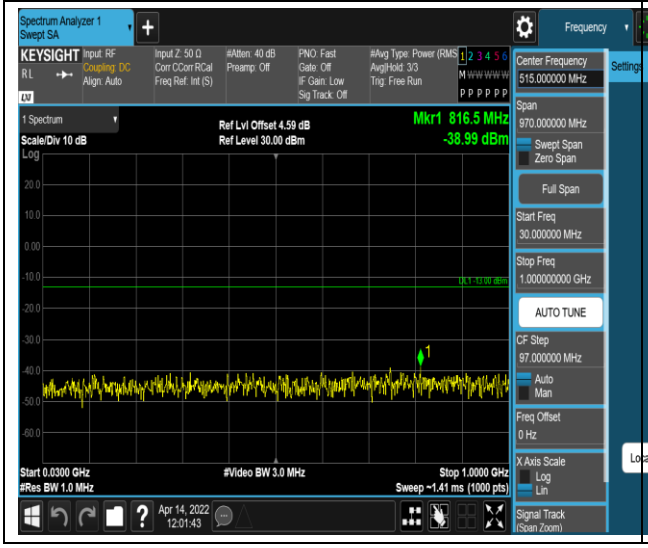
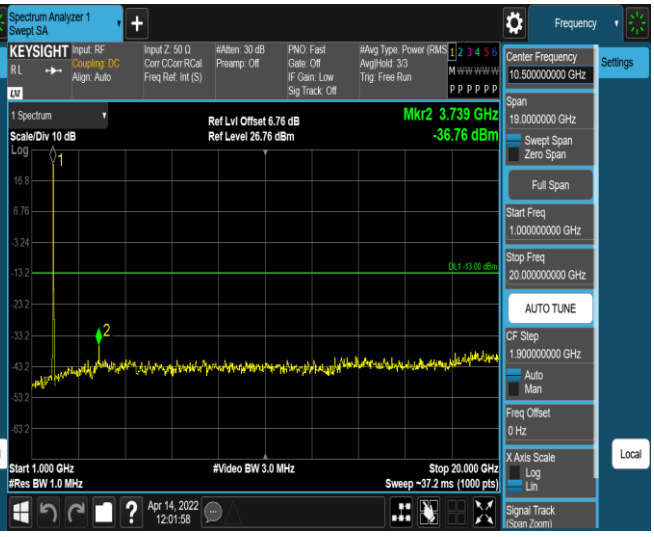
Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz

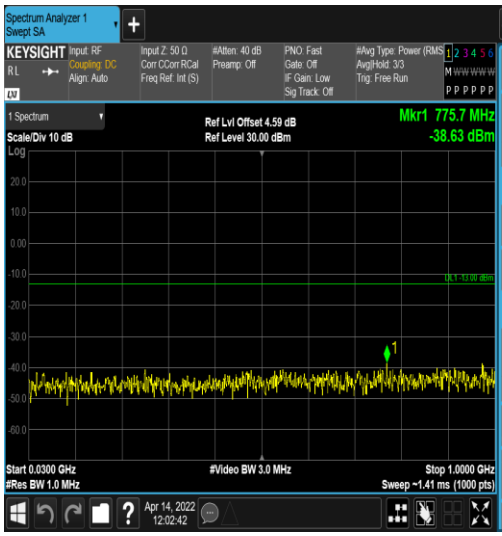
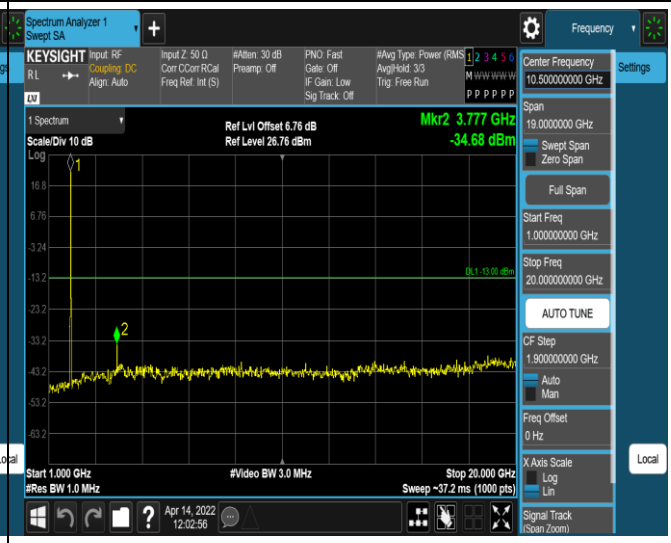
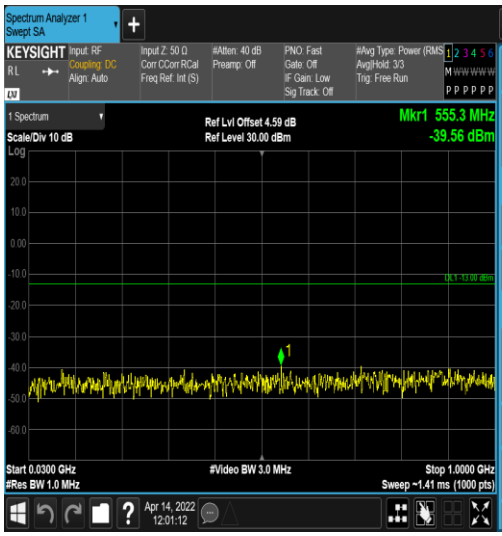
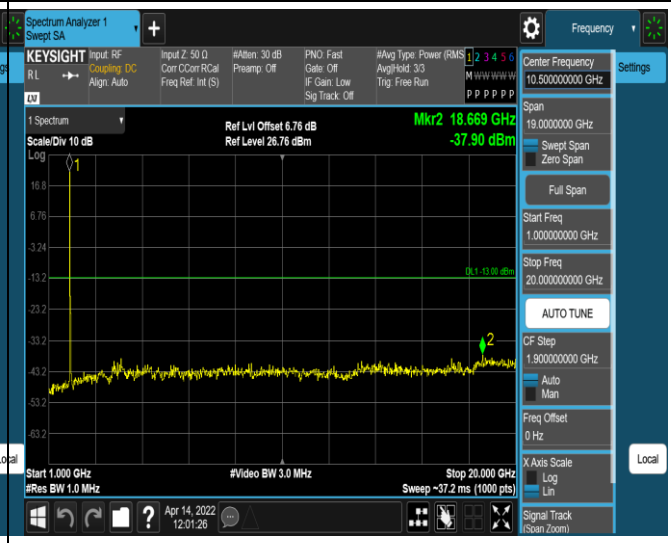


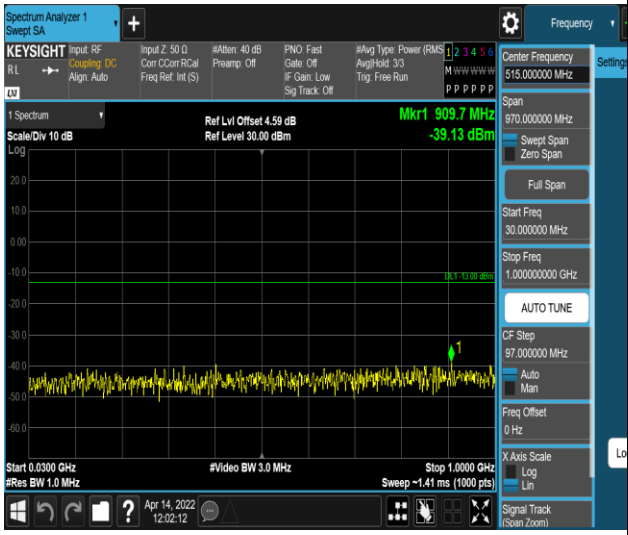
Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~



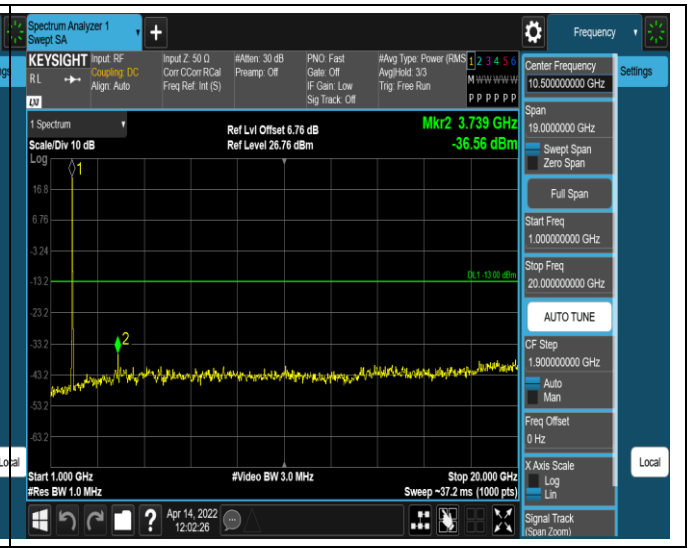
Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~

1000MHz	20000MHz
	
Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz	Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz	Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz
	

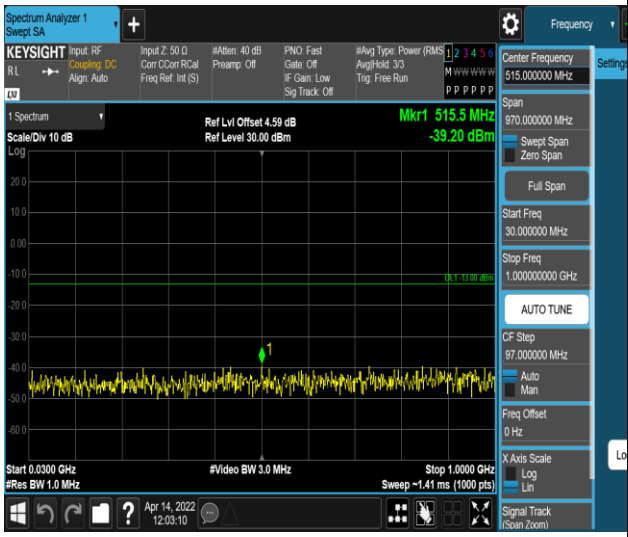
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz	Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz	Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz	Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



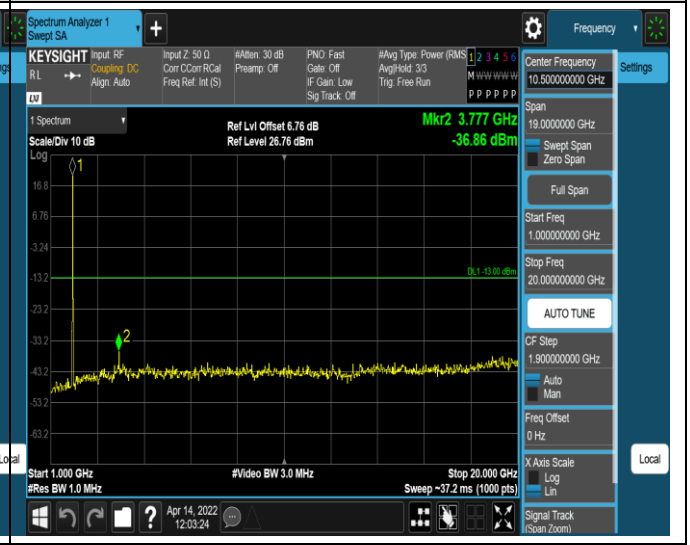
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



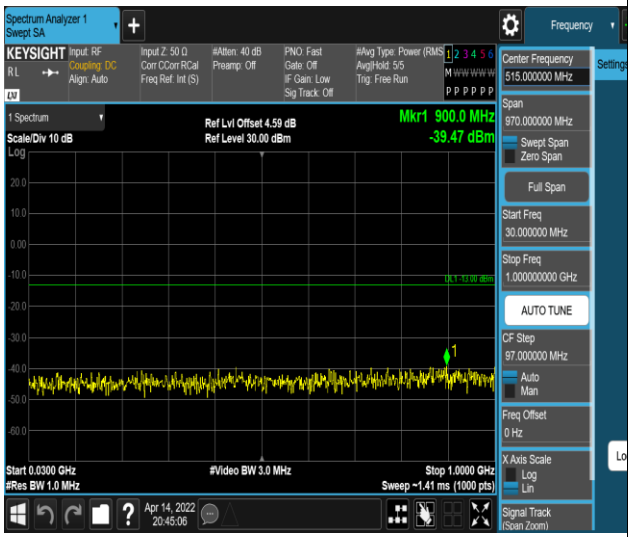
Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz



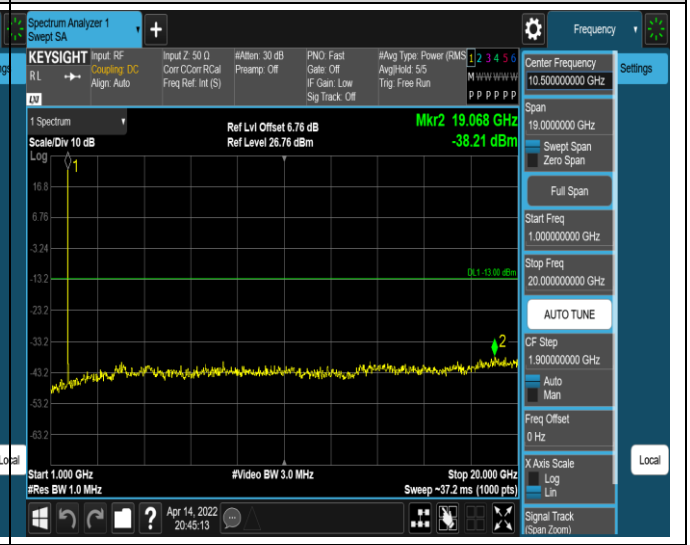
Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~20000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1



Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~2