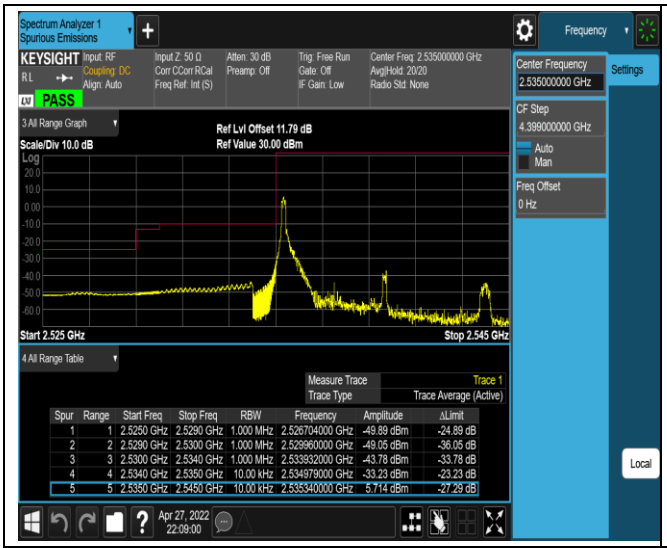
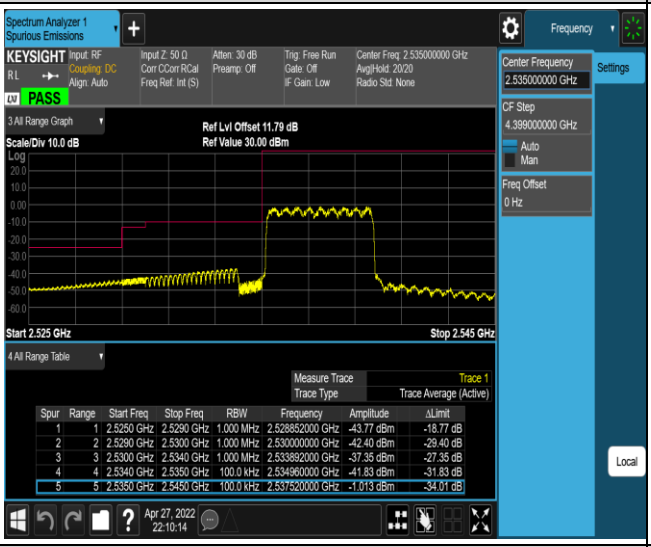


Band41-5MHz-16QAM-40065-25RB#0

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



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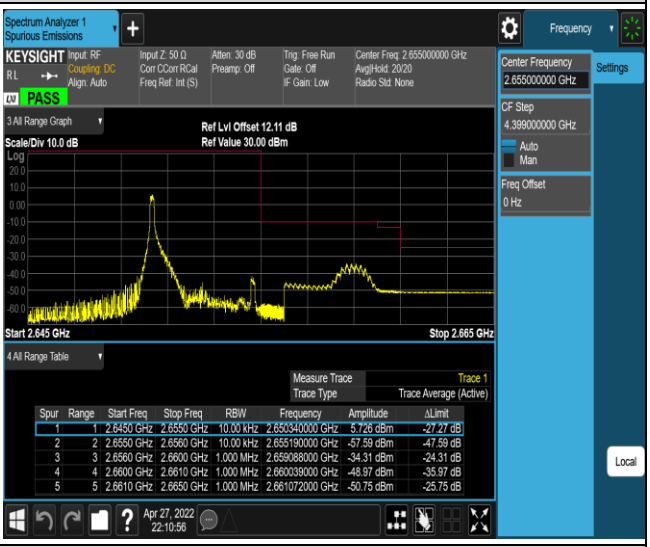
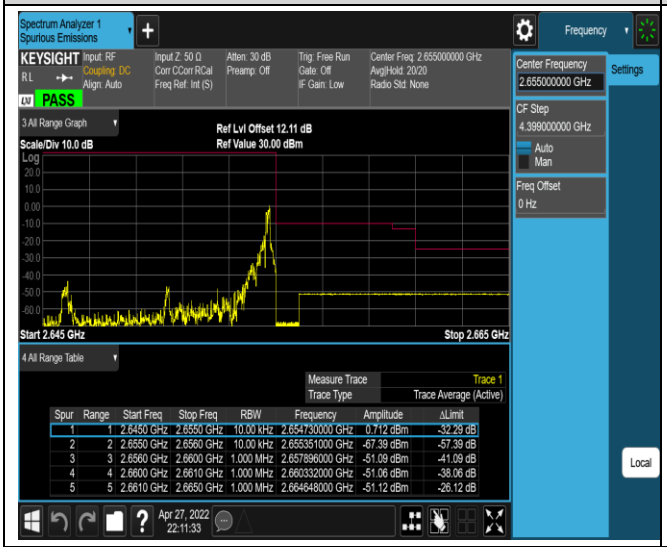
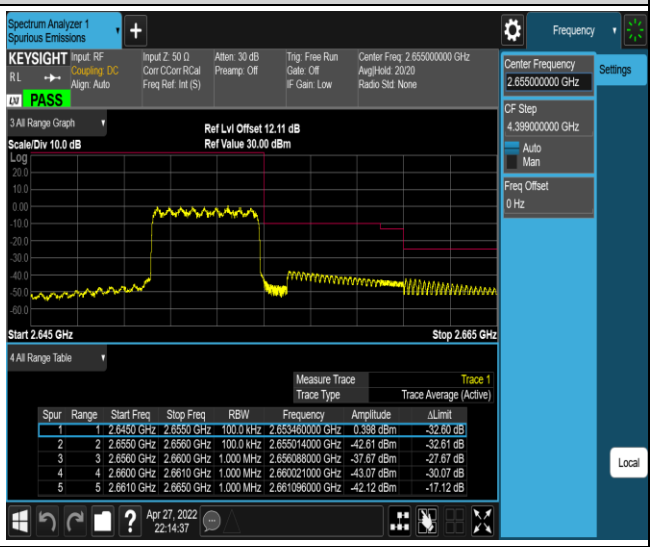


Band41-5MHz-16QAM-41215-25RB#0



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



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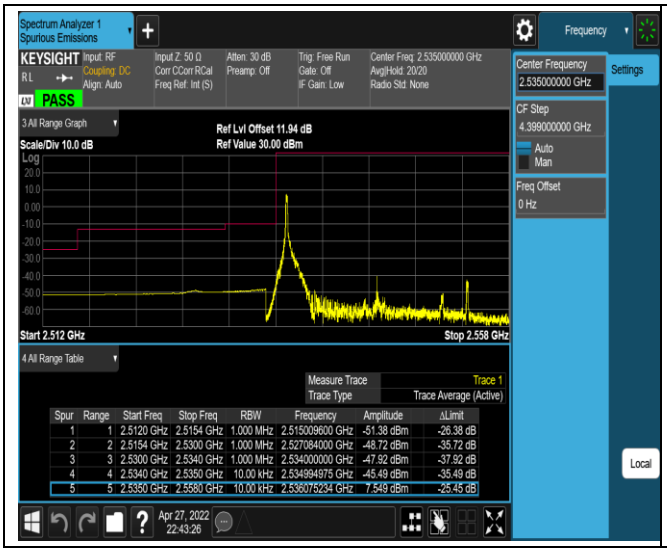
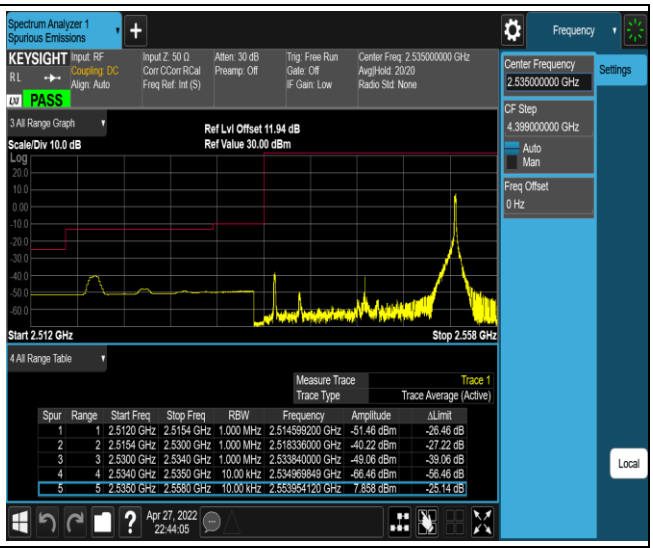
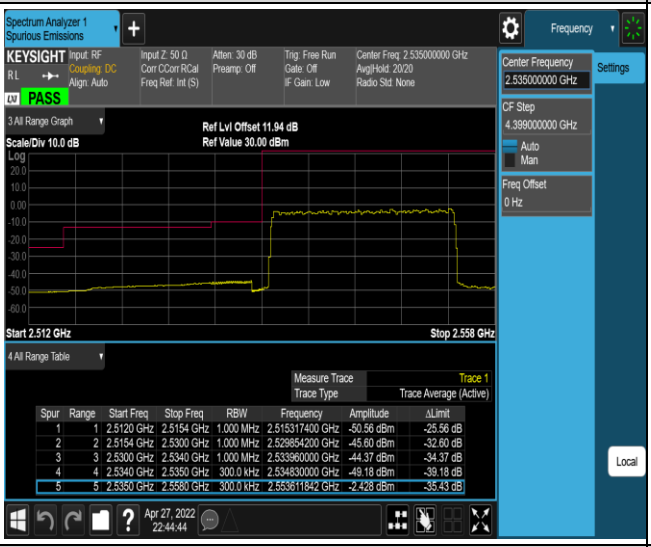


Band41-20MHz-QPSK-40140-100RB#0



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



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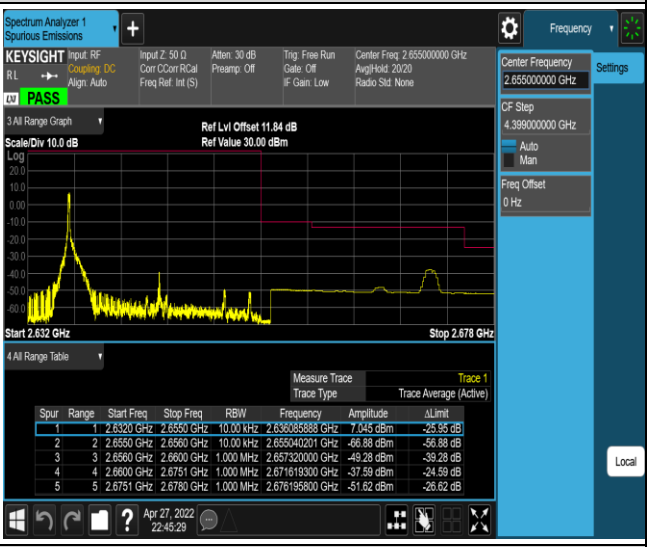

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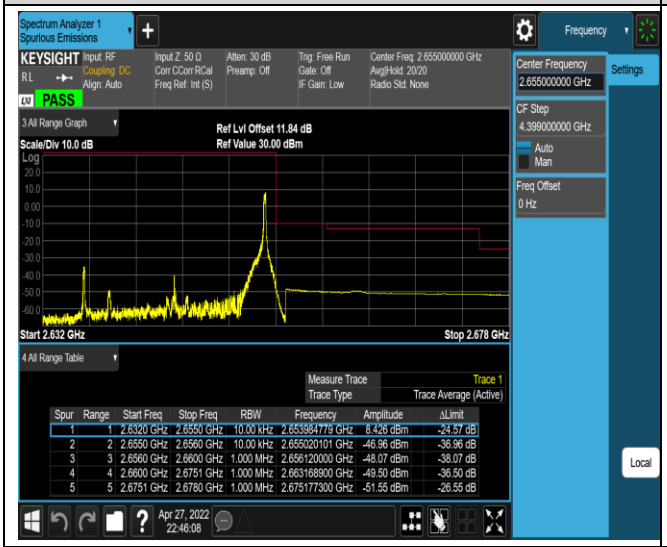
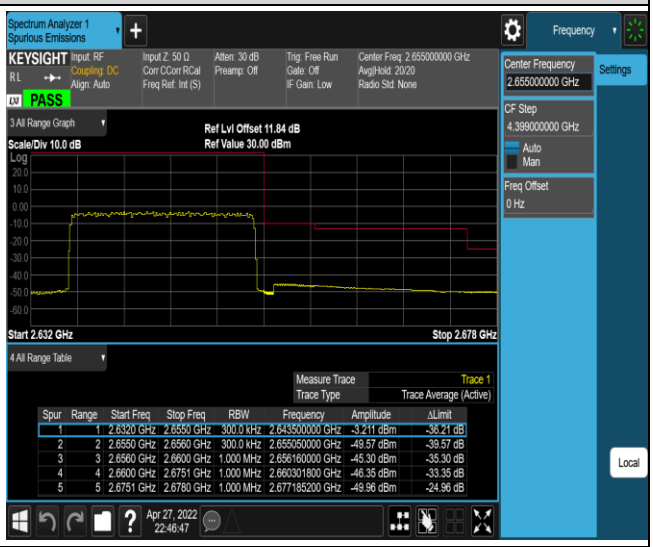
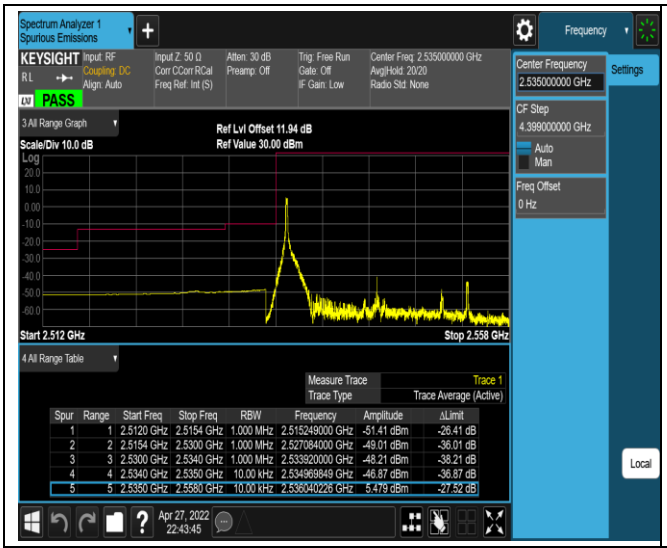


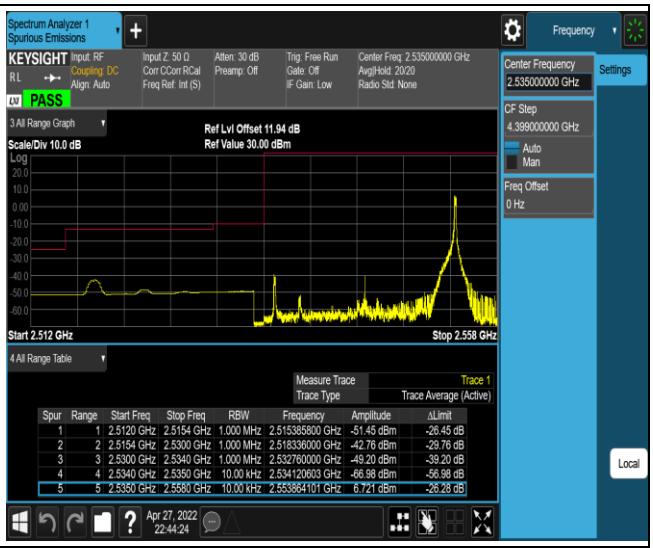
Band41-20MHz-16QAM-40140-1RB#0



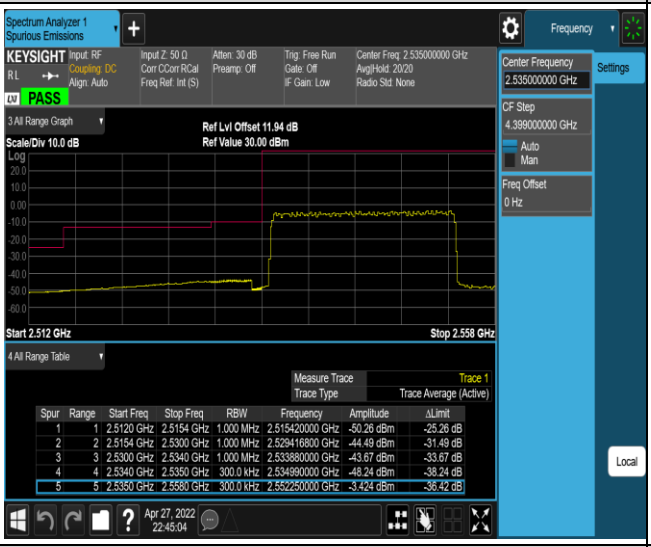
Band41-20MHz-16QAM-40140-1RB#99



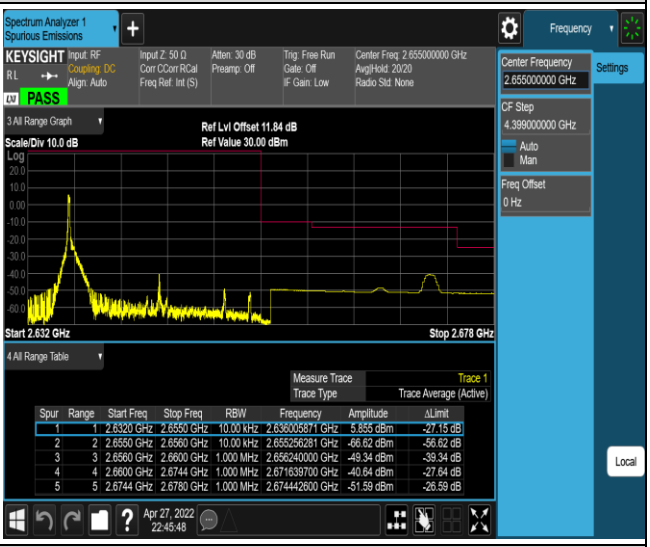
Band41-20MHz-16QAM-40140-100RB#0



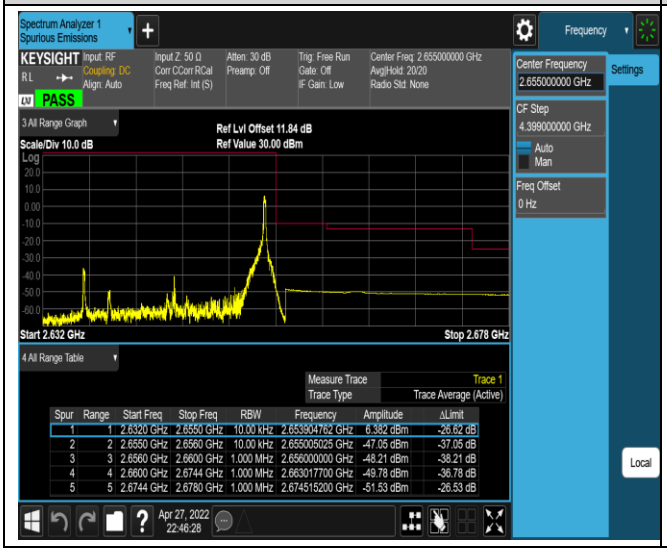
Band41-20MHz-16QAM-41140-1RB#0

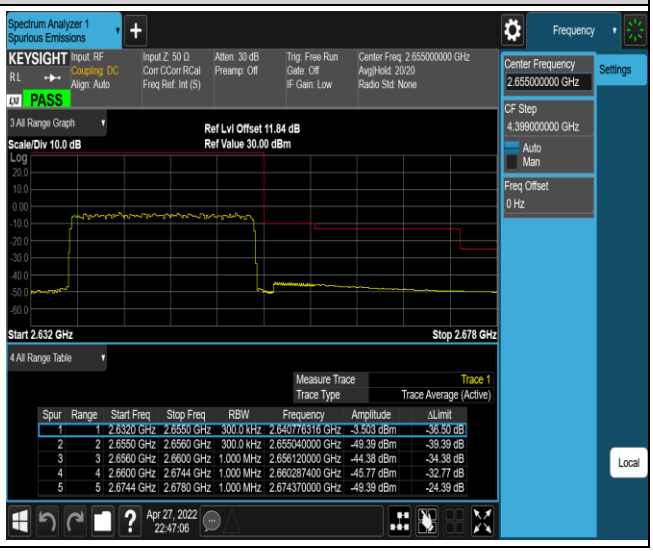


Band41-20MHz-16QAM-41140-1RB#99



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





Appendix E: Conducted Spurious Emission

Test Result (worst case)

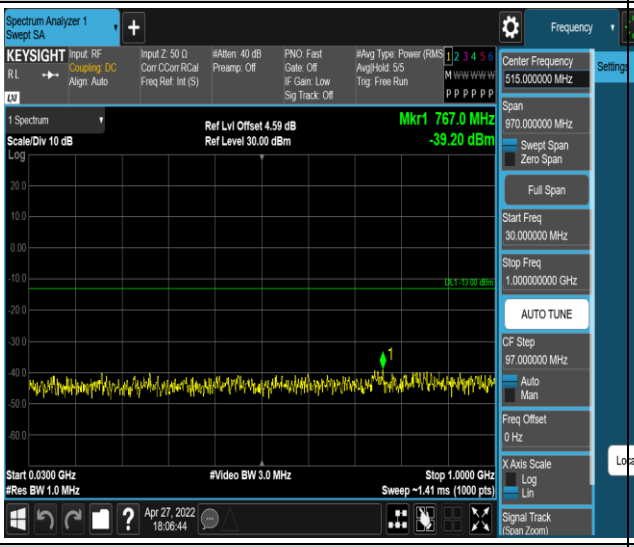
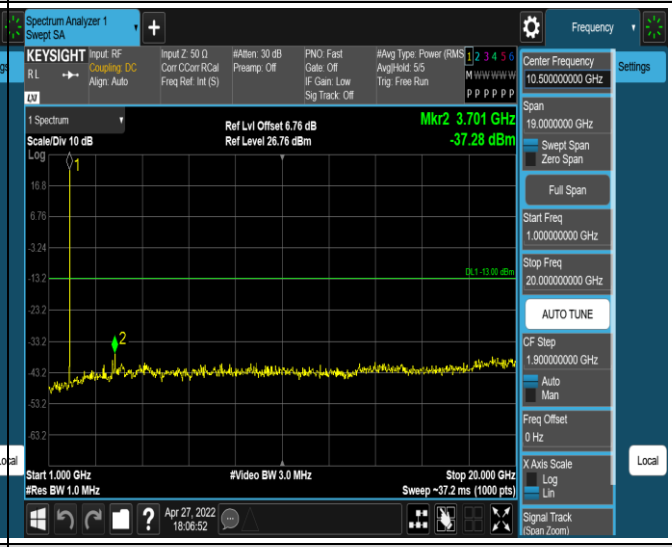
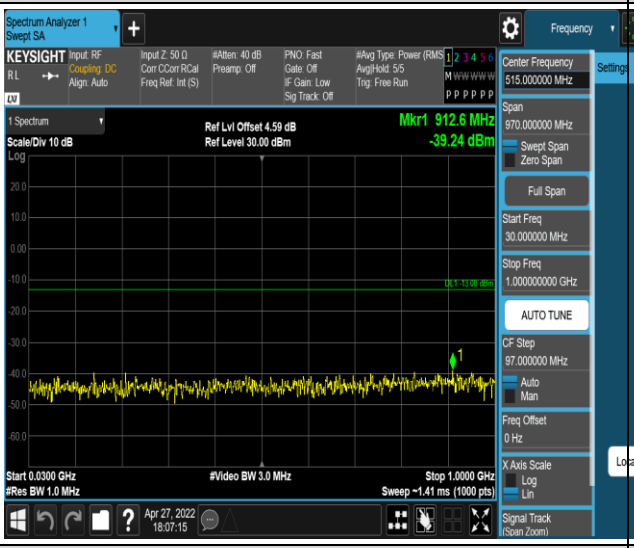
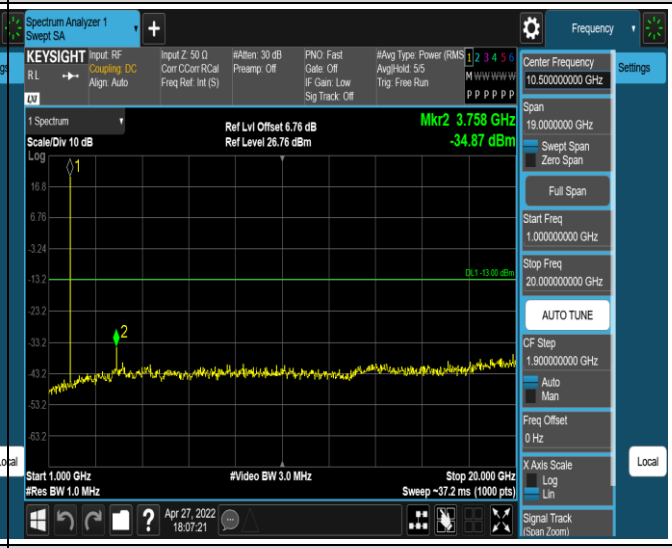
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-39.2	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-37.28	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-39.24	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-34.87	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-38.87	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-35.16	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-38.15	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-37.38	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.95	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-35.02	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-38.21	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-34.67	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-38.76	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-37.12	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-39.34	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-37.06	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-38.54	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-34.84	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-39.24	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-35.68	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-38.11	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-36.75	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-39.03	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-36.53	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-39.53	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-38.26	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-38.75	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.71	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-38.27	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-37.55	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-39.17	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-37.56	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-39.02	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-38.39	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-38.67	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-38.3	PASS

Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-38.78	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-37.56	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-37.91	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-38.45	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-39.51	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-37.38	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-39.02	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-38.18	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-38.99	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-37.57	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-36.93	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-38.74	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-48.7	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-39.56	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-47.93	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-39.16	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-49.06	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-39.47	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-48.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-39.38	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-49.1	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-40.03	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-48.73	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-40.09	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-48.46	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-39.42	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-48.83	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-39.62	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-47.96	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-40.39	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-48.3	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-39.95	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-48.22	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-39.72	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-49.36	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-40.62	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-49.06	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-34.14	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-49.43	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-33.88	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-49.12	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-34.25	PASS

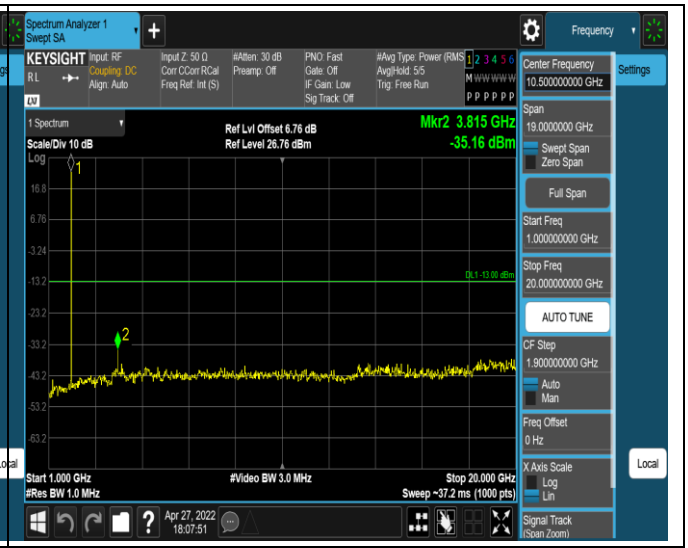
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-48.34	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-34.32	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-47.98	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-34.34	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-48.88	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-34.91	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-48.47	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-35.45	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-49.51	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-33.65	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-49.26	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-34.21	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-49.68	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-35.14	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-49.03	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-34.81	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-47.24	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-35.2	PASS
Band41	5MHz	QPSK	40065	1RB#0	Range1:30~1000MHz	-47.13	PASS
Band41	5MHz	QPSK	40065	1RB#0	Range2:1000~27000MHz	-34.6	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-48.77	PASS
Band41	5MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-34.52	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-49.2	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~27000MHz	-33.81	PASS
Band41	5MHz	16QAM	40065	1RB#0	Range1:30~1000MHz	-48.4	PASS
Band41	5MHz	16QAM	40065	1RB#0	Range2:1000~27000MHz	-33.83	PASS
Band41	5MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-48.97	PASS
Band41	5MHz	16QAM	40640	1RB#0	Range2:1000~27000MHz	-34.89	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:30~1000MHz	-48.84	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:1000~27000MHz	-34.54	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range1:30~1000MHz	-48.13	PASS
Band41	20MHz	QPSK	40140	1RB#0	Range2:1000~27000MHz	-34.57	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range1:30~1000MHz	-48.88	PASS
Band41	20MHz	QPSK	40640	1RB#0	Range2:1000~27000MHz	-33.4	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-48.8	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~27000MHz	-34.42	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range1:30~1000MHz	-48.86	PASS
Band41	20MHz	16QAM	40140	1RB#0	Range2:1000~27000MHz	-35.18	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range1:30~1000MHz	-48.41	PASS
Band41	20MHz	16QAM	40640	1RB#0	Range2:1000~27000MHz	-35.11	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-48.84	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~27000MHz	-35.08	PASS

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

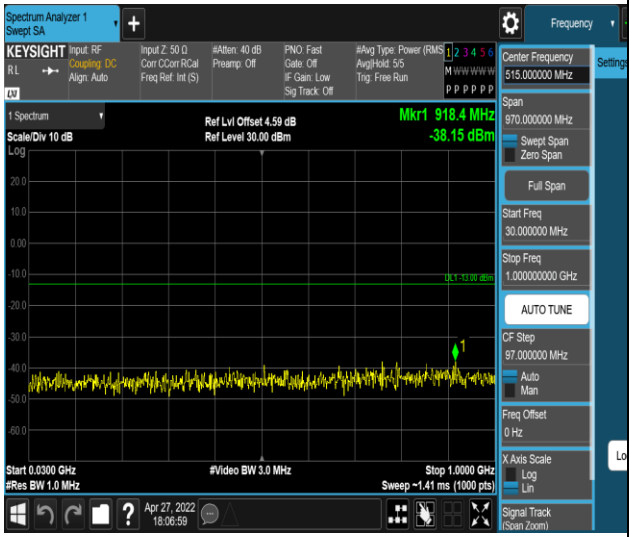
Test Graphs

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

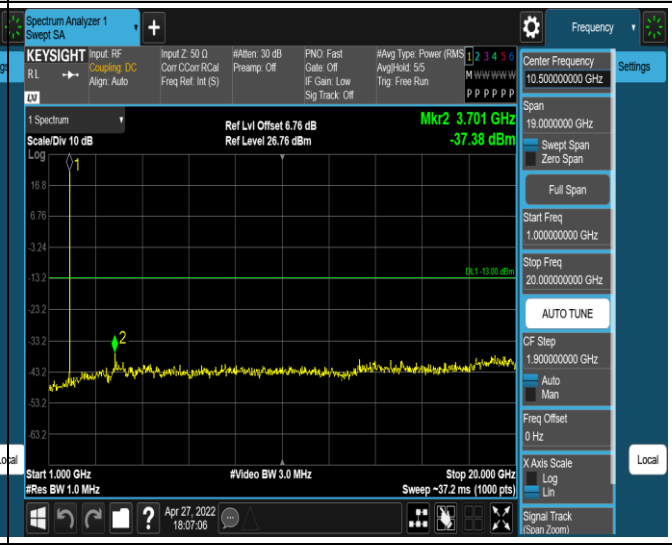
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz



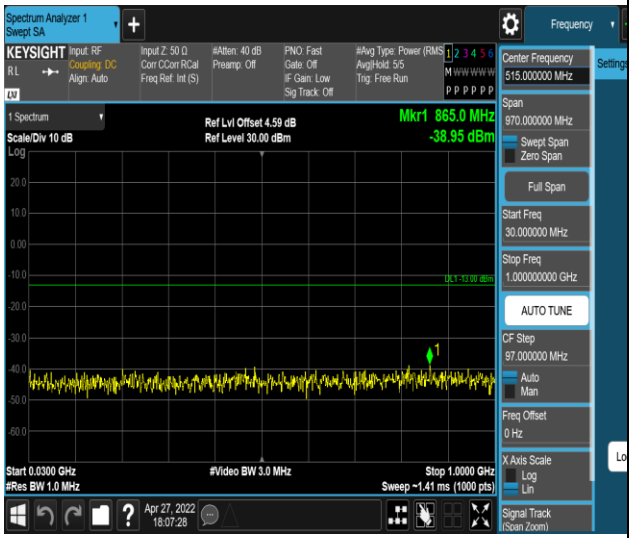
Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~20000MHz

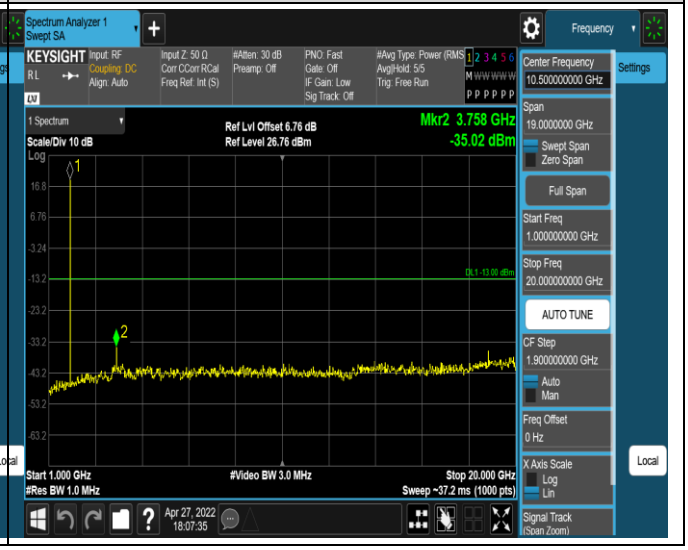


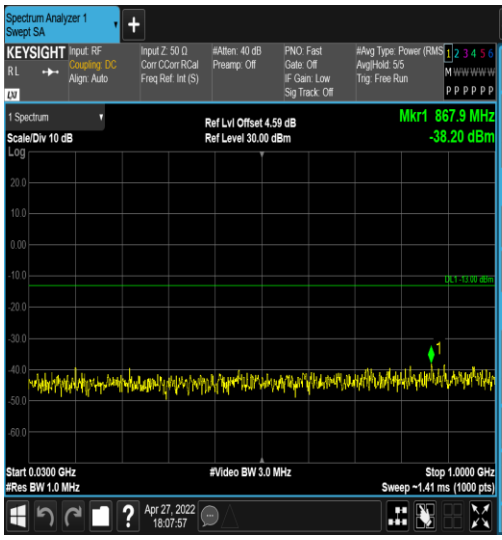
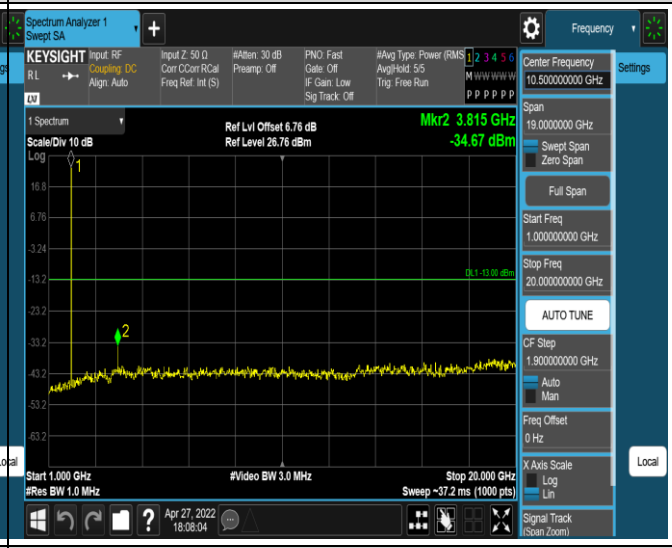
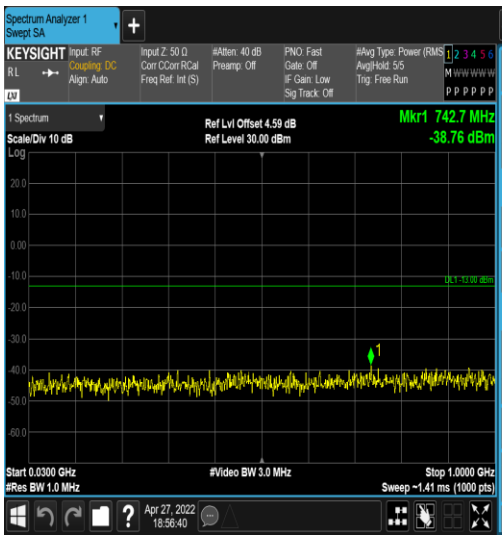
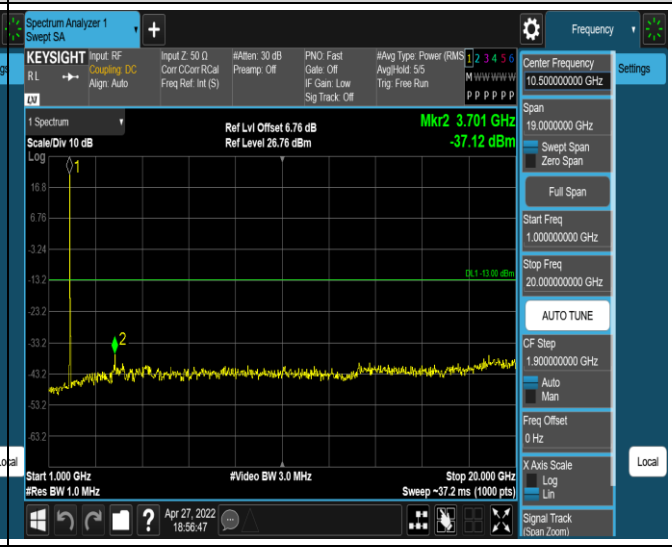
Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

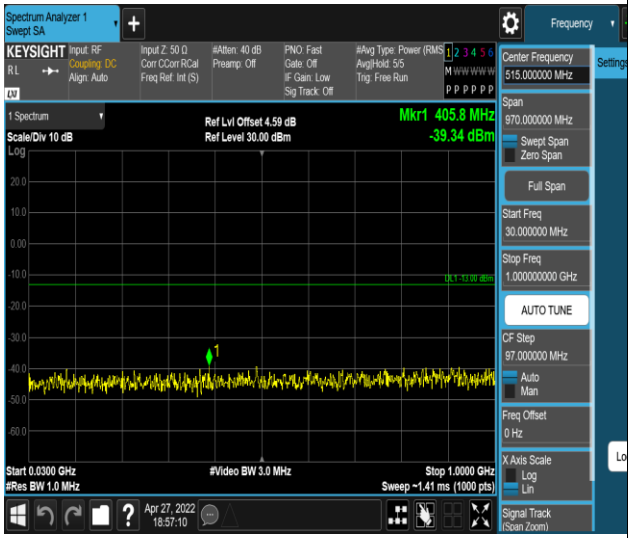


Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz

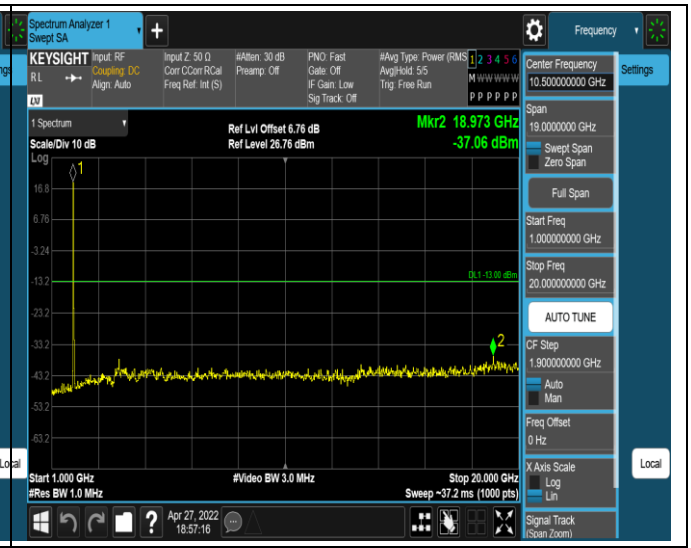




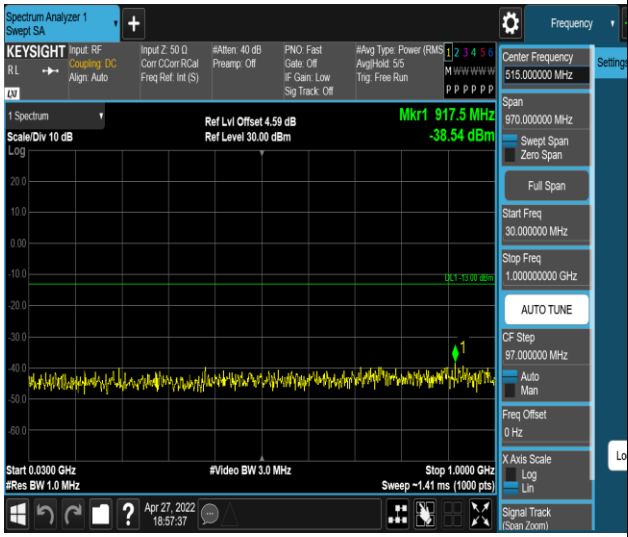
Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz	Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz	Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



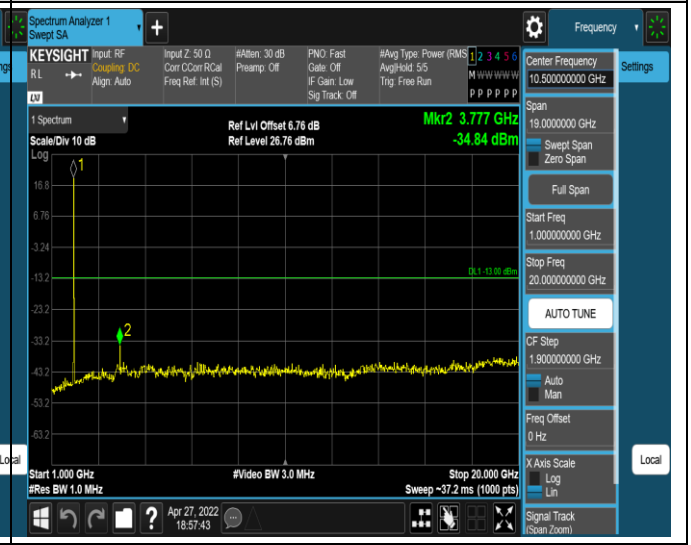
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



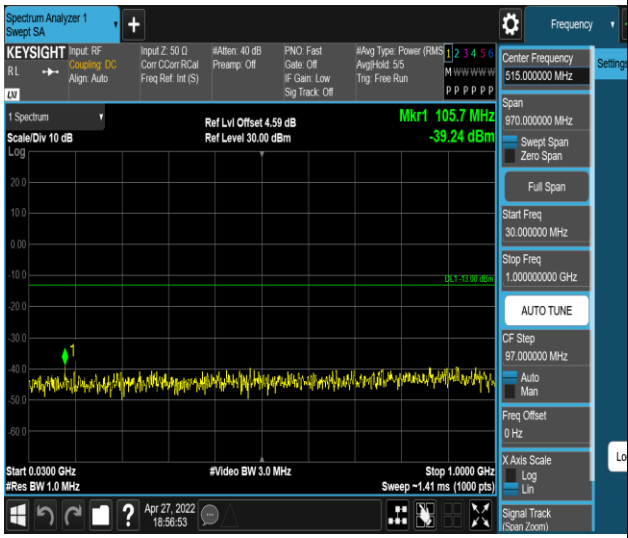
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz

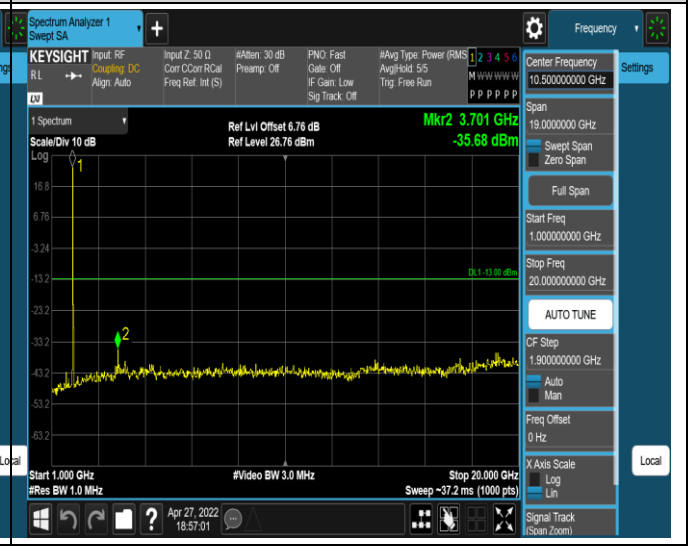


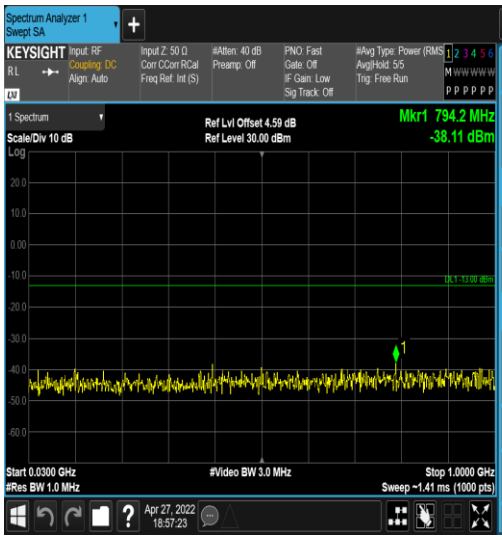
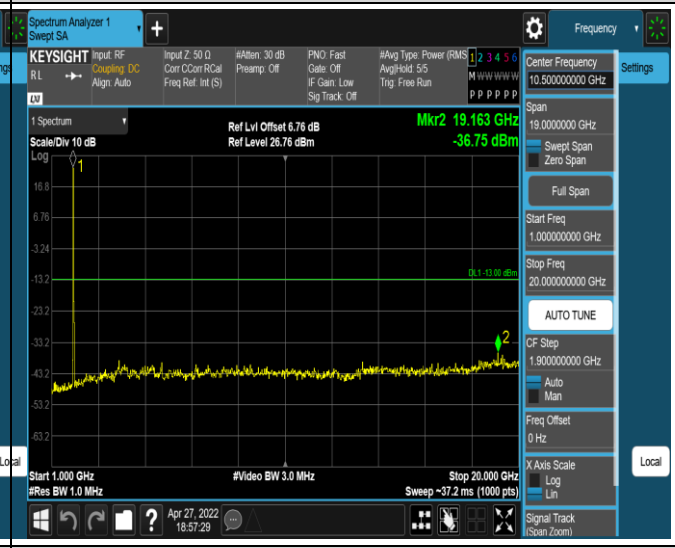
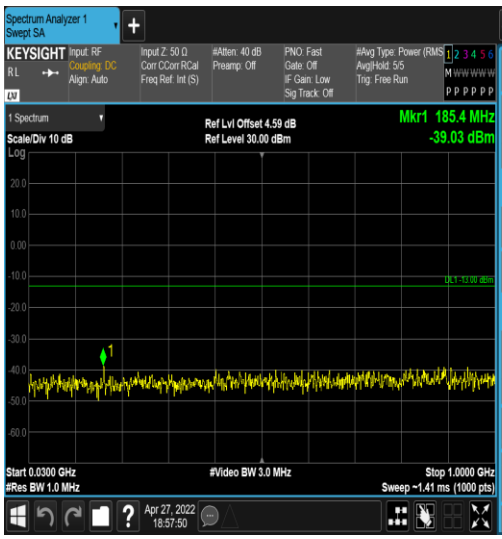
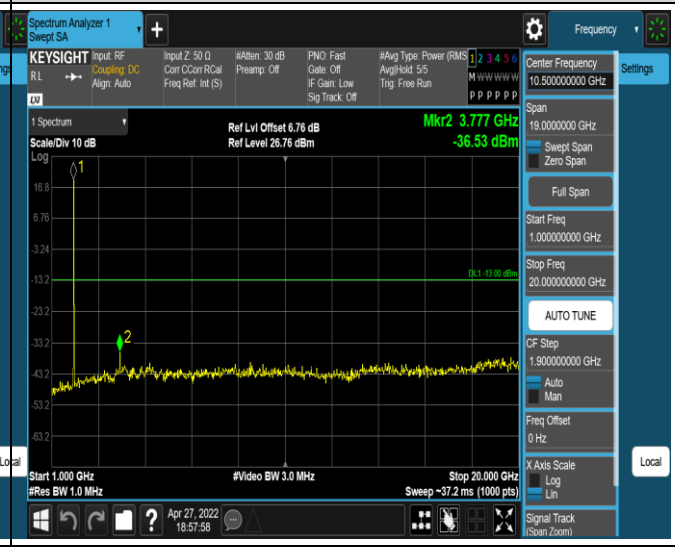
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



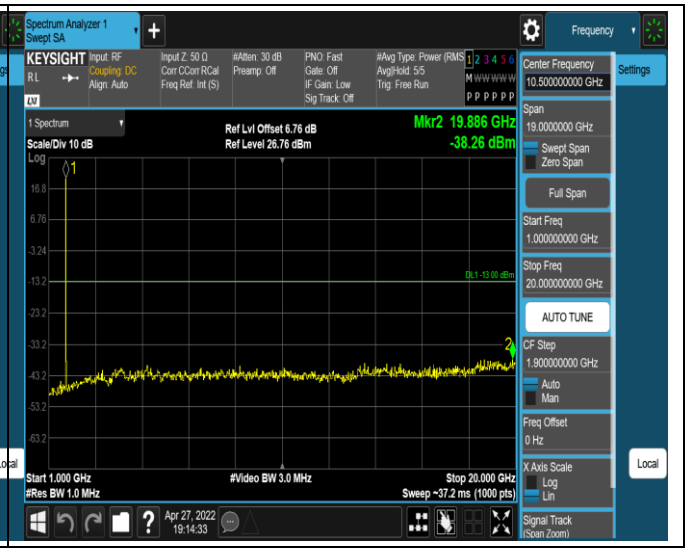
Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



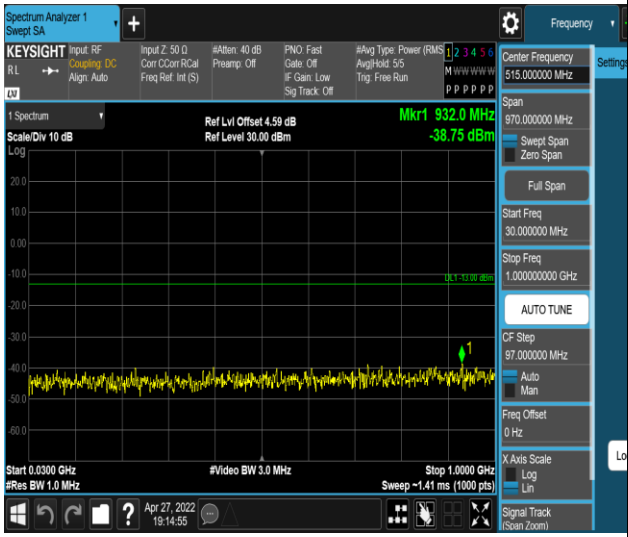


Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz	Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz	Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz
	
Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz	Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~20000MHz

Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



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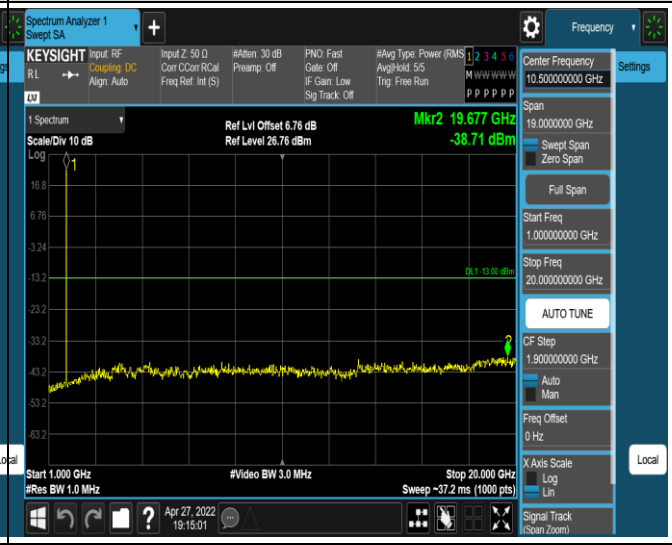
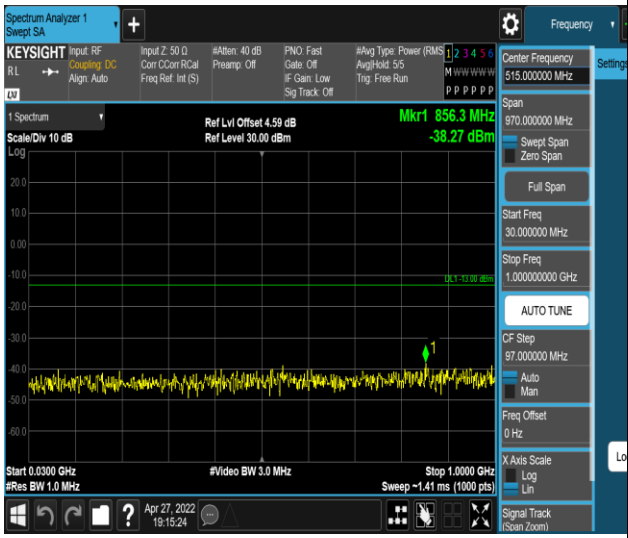
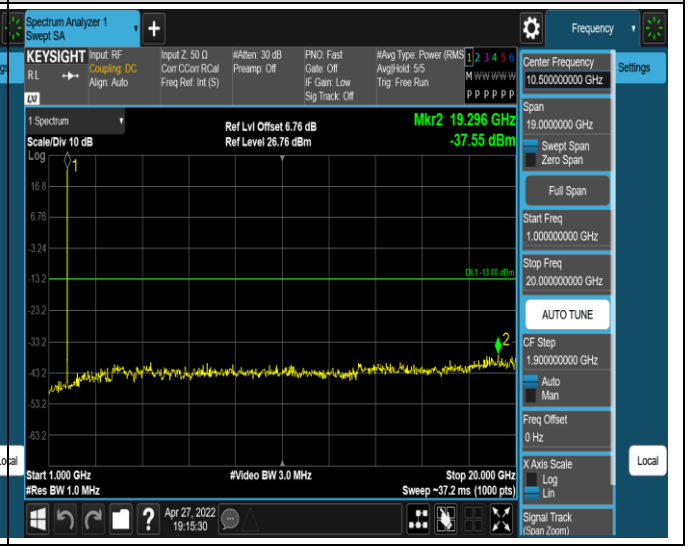
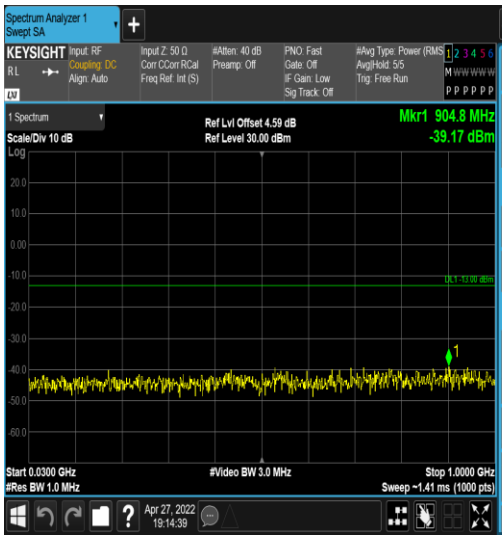
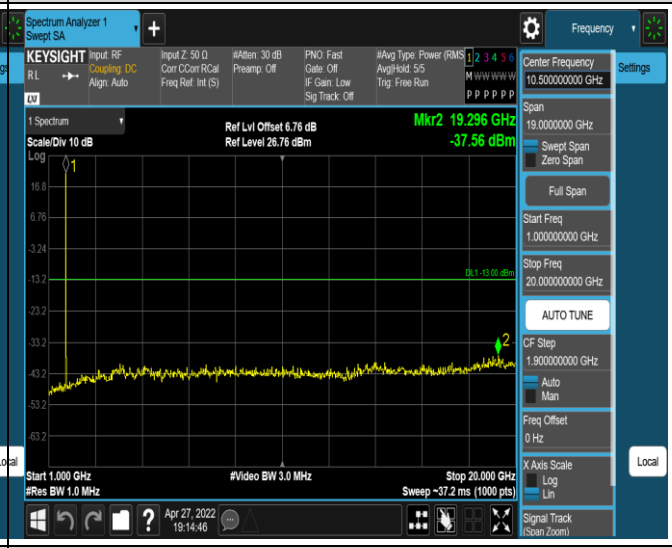
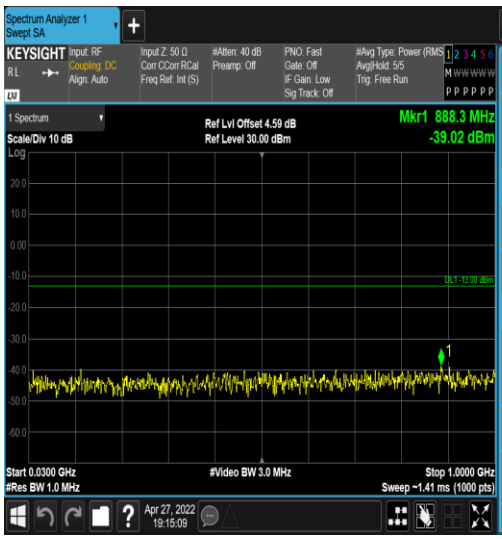
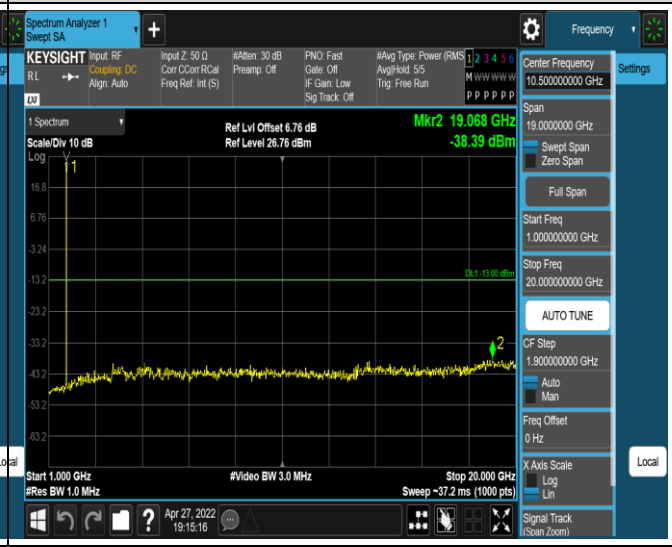
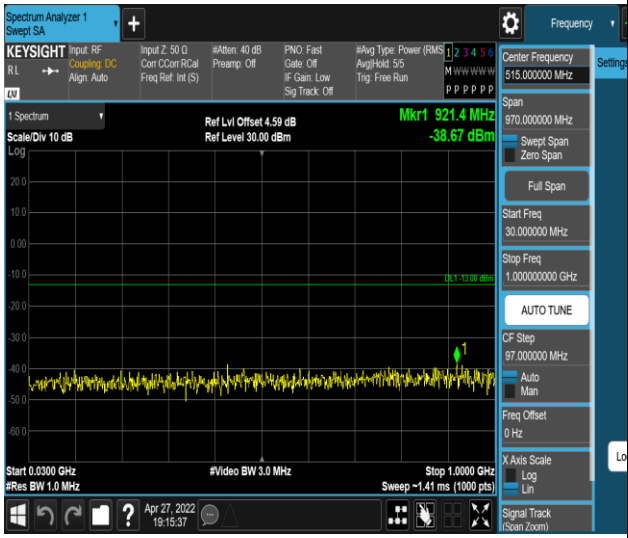


Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~20000MHz

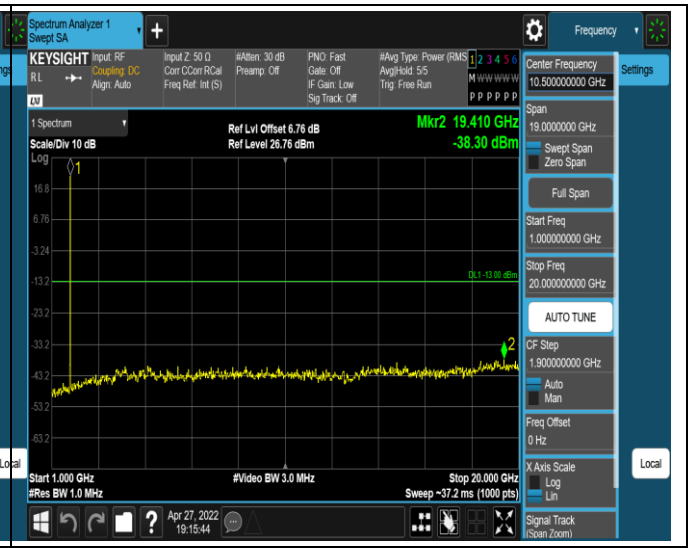




Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz	Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~20000MHz
	
Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz	Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz
	
Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz	Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~20000MHz

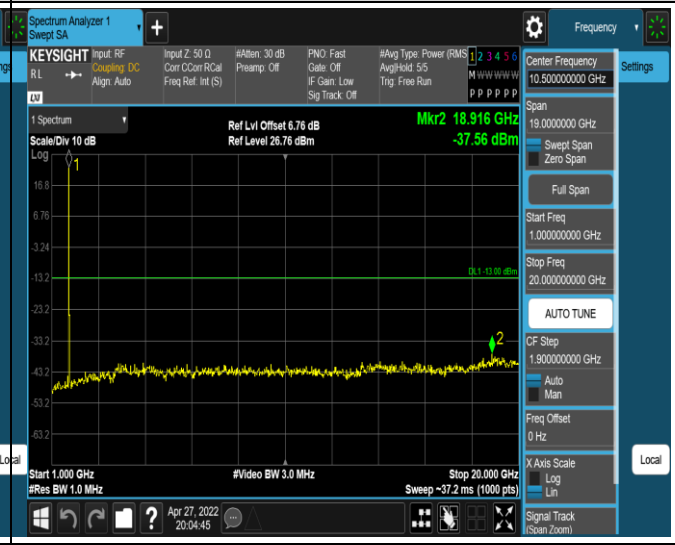
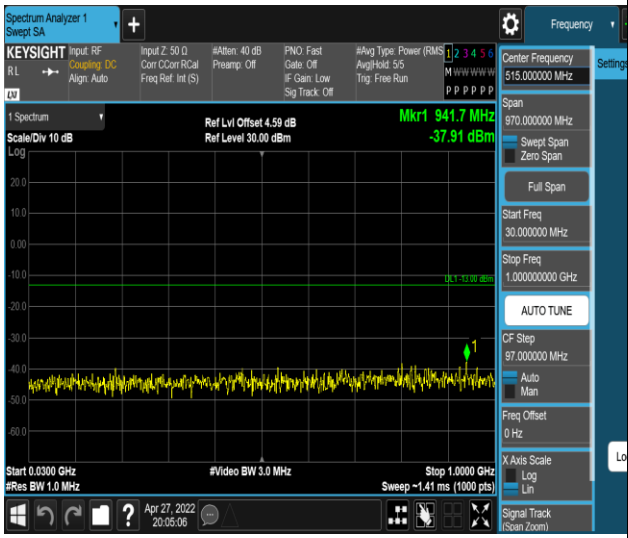
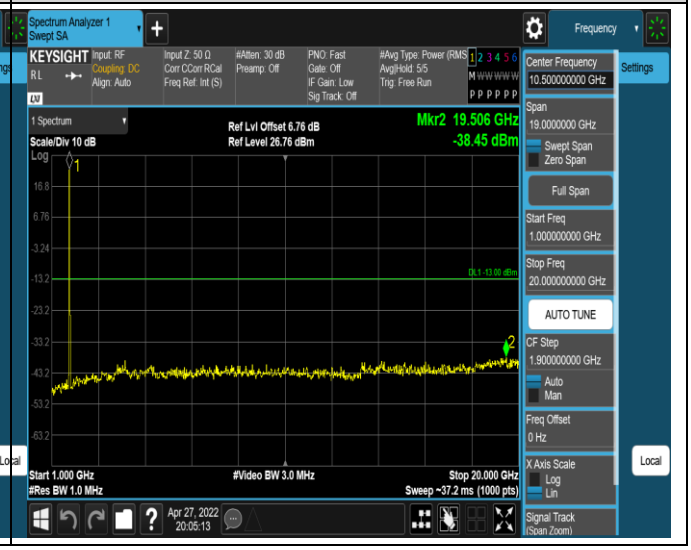


Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz

Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz