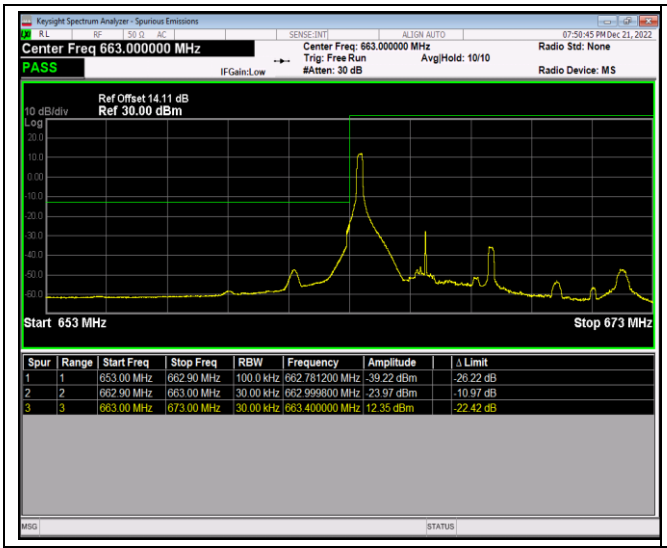
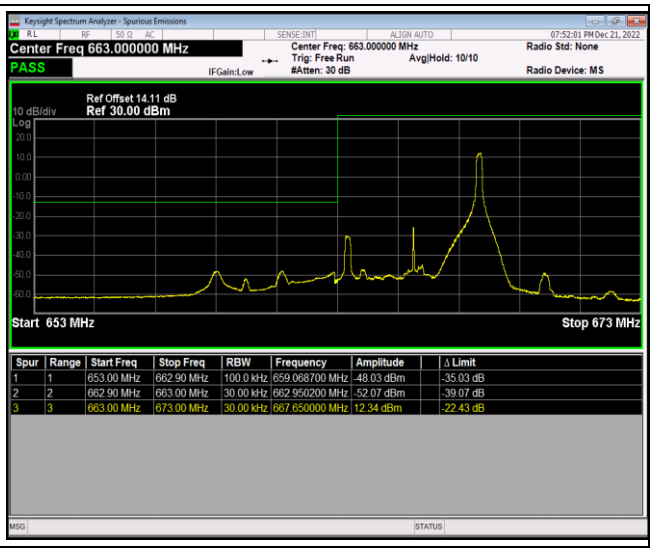


Band71-5MHz-16QAM-133147-25RB#0



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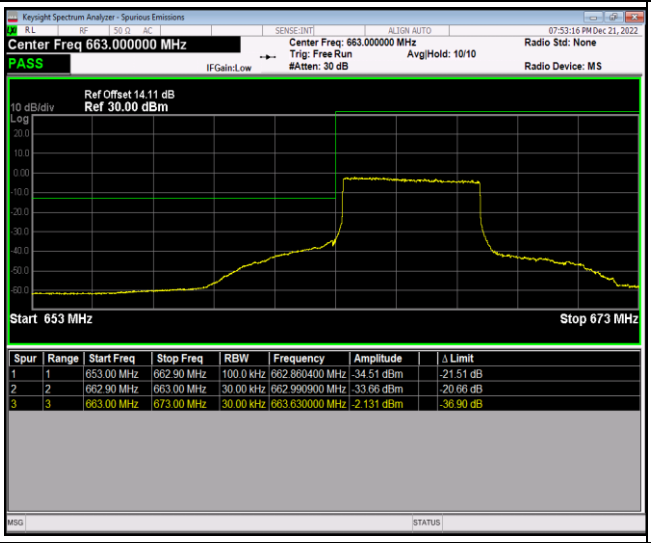

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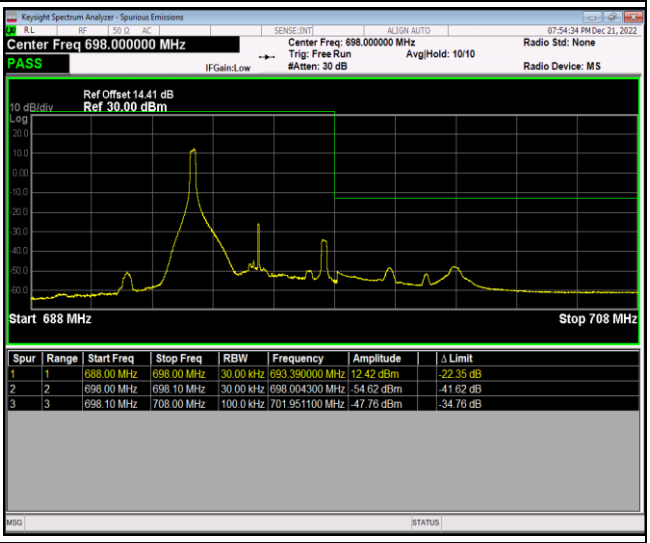

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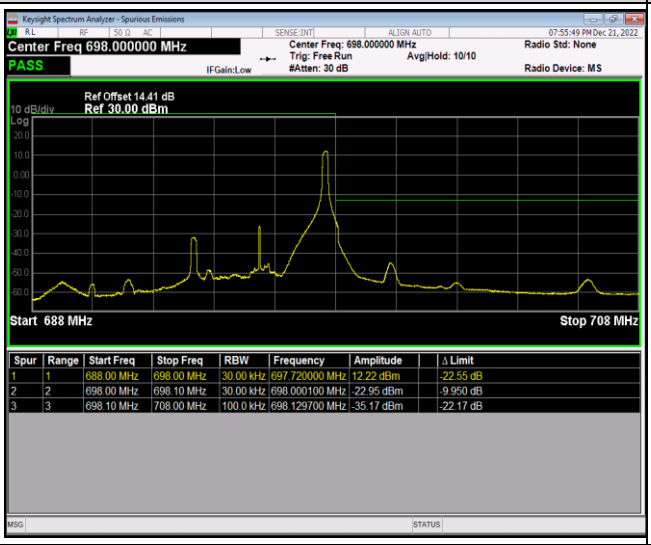
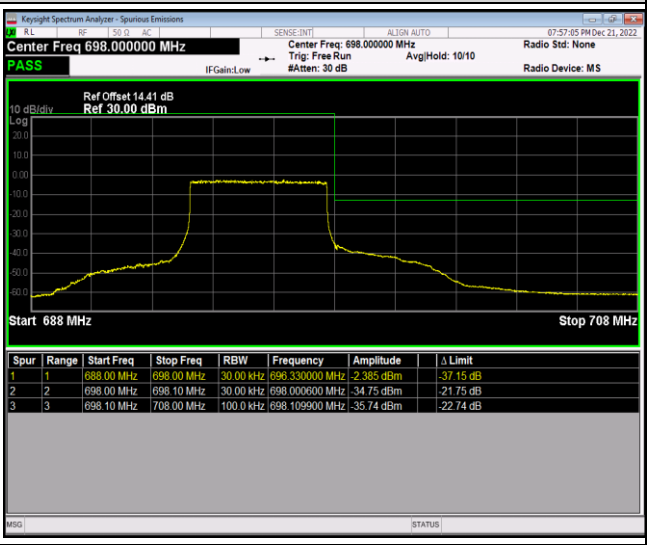


Band71-20MHz-QPSK-133222-1RB#0



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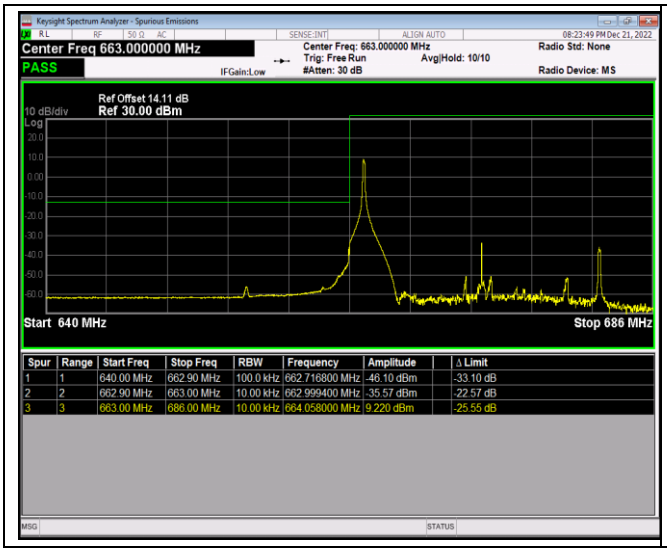
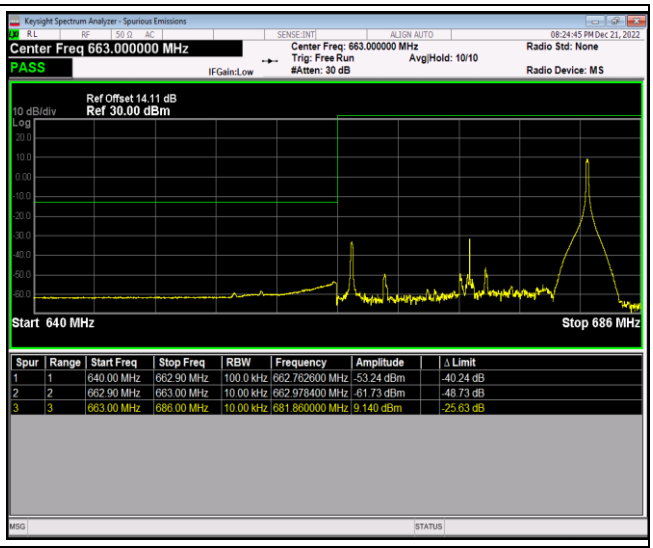


Band71-20MHz-QPSK-133222-100RB#0



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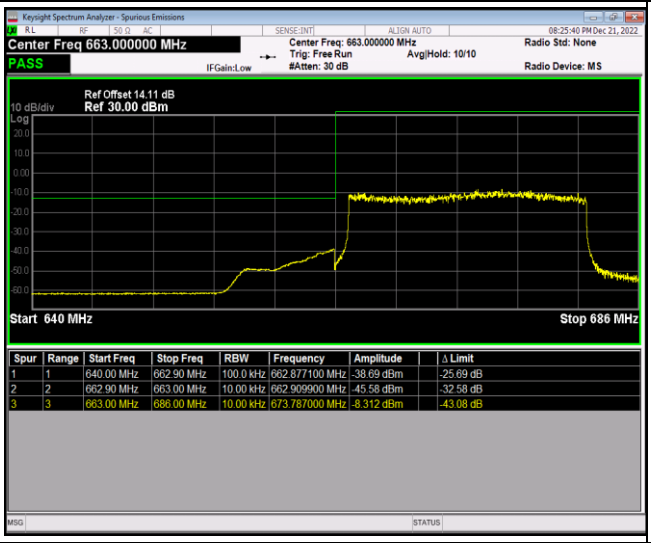

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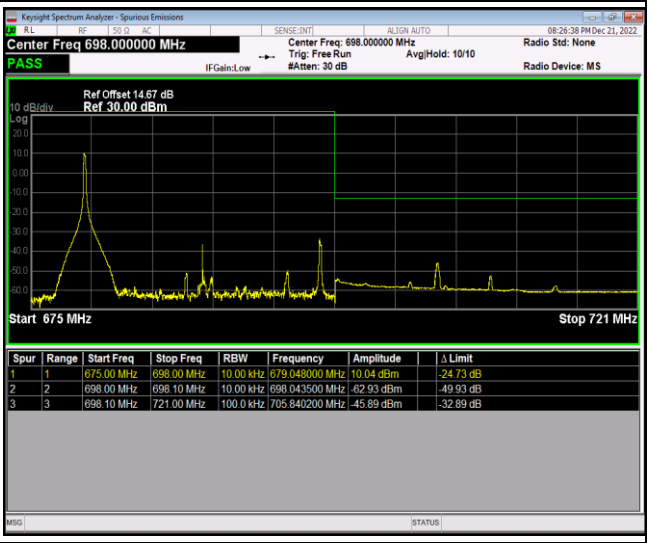

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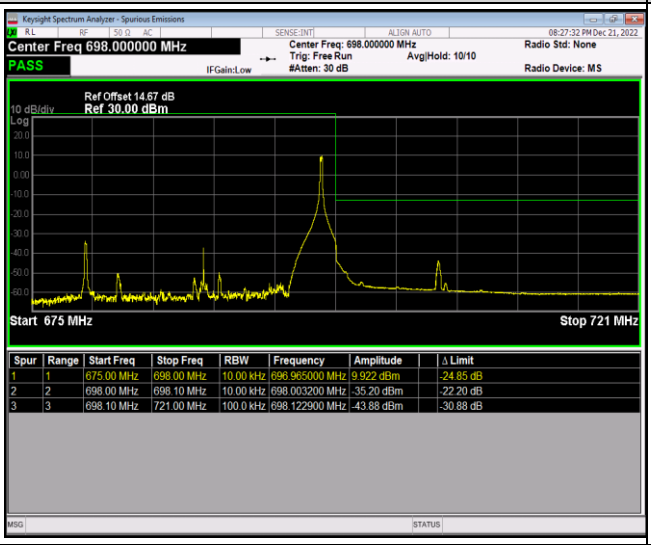

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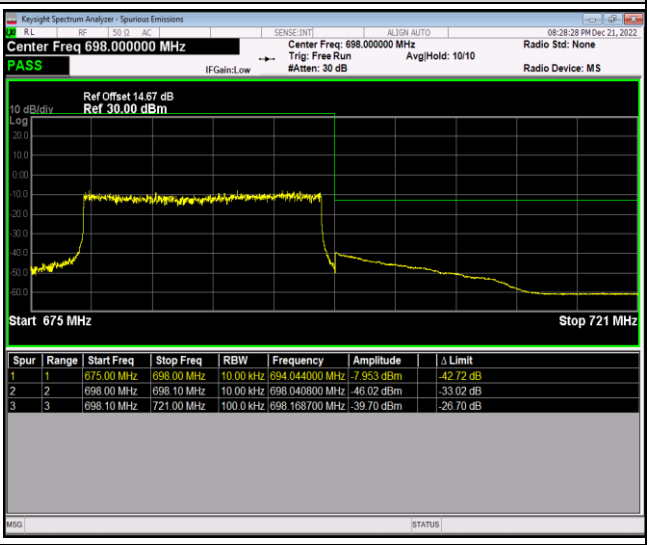

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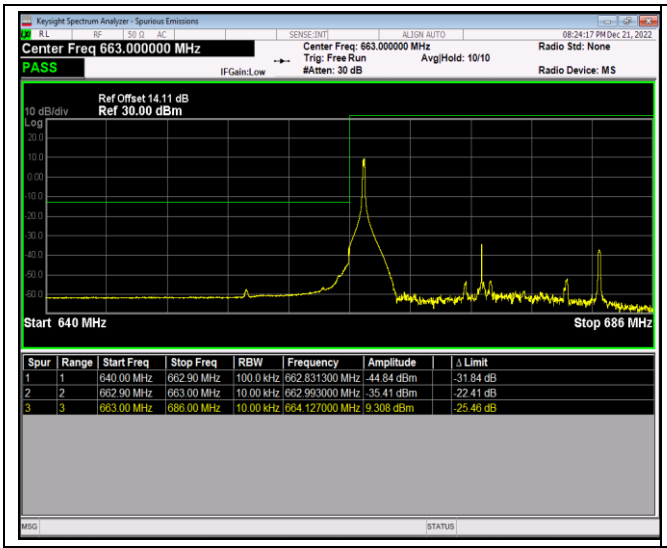

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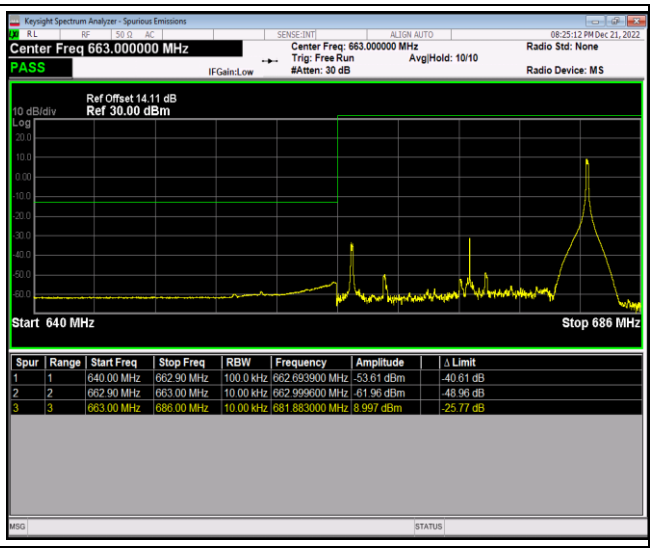

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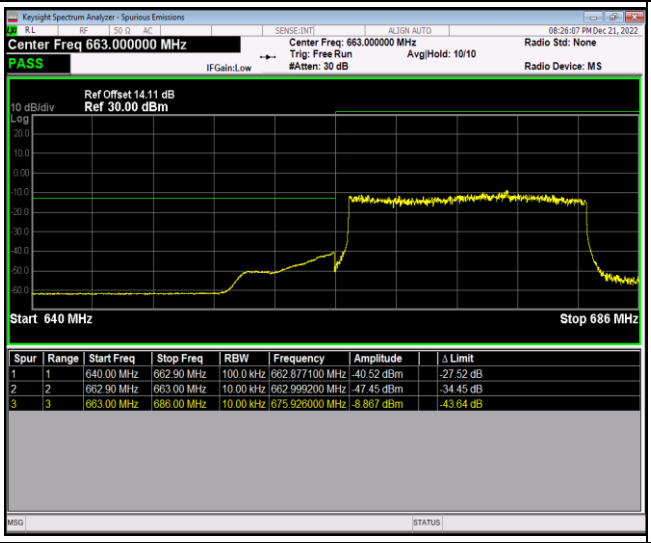
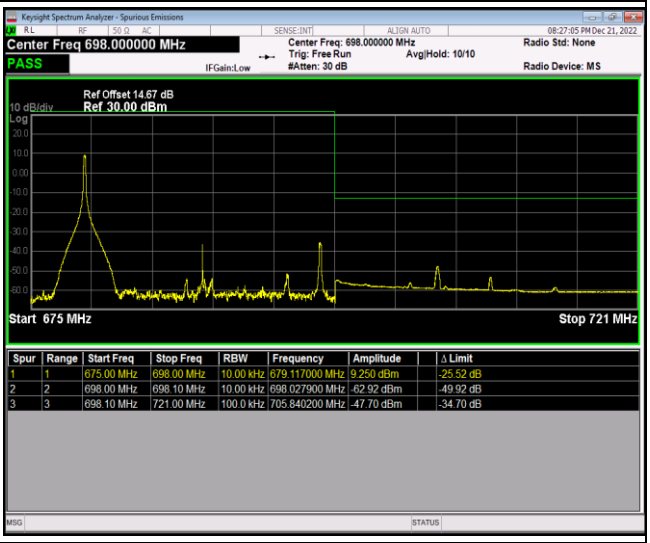


Band71-20MHz-16QAM-133372-1RB#99



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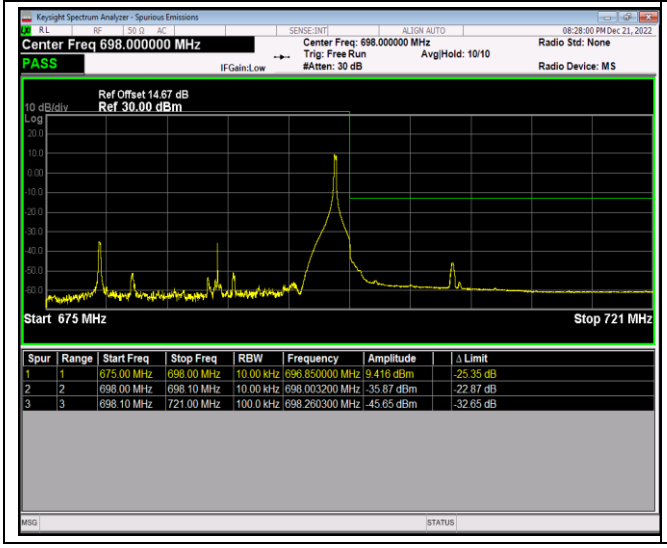
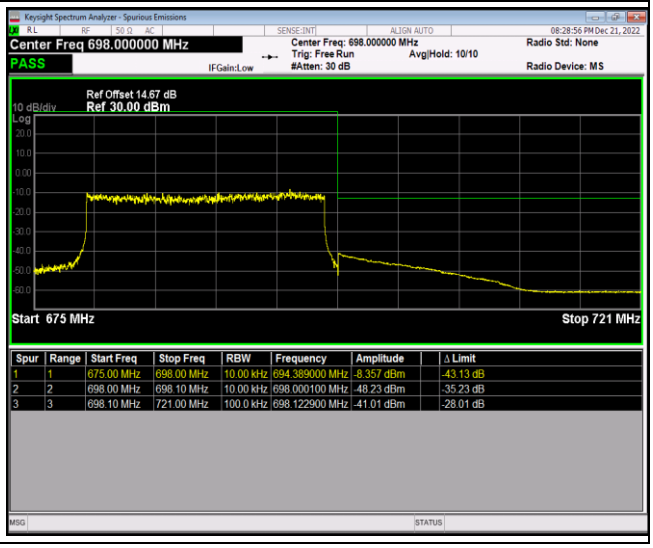




Appendix E: Conducted Spurious Emission

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	-30.21	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-28.57	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-29.89	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-29.13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-30.99	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-28.82	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-30.1	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-29.71	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-31.3	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-27.81	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-29.88	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-28.17	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-30.66	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-28.45	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-30.94	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-28.97	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-30.39	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-28.47	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-30.67	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~20000MHz	-28.97	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-30.32	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-28.55	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-29.71	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~20000MHz	-29.1	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-39.44	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-35.16	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-40.5	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-34.84	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-40.63	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-34.44	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-40.02	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-34.46	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-39.28	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-35.2	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-40.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-34.9	PASS

Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-39.72	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-34.23	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-40.02	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-35.07	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-40.72	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-34.48	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-39.5	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-34.06	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-39.23	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.01	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-39.8	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-34.76	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-40.03	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-35.43	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.4	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.91	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-39.4	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-35.05	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-40.27	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-34.32	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.3	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.78	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-39.35	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-33.51	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-39.96	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-34.42	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.93	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-35.29	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-39.87	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-34.53	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-39.12	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-35.08	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.68	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.64	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-39.47	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-35.03	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-40.72	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-34.47	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-40.97	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-34.97	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-40.68	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-34.92	PASS

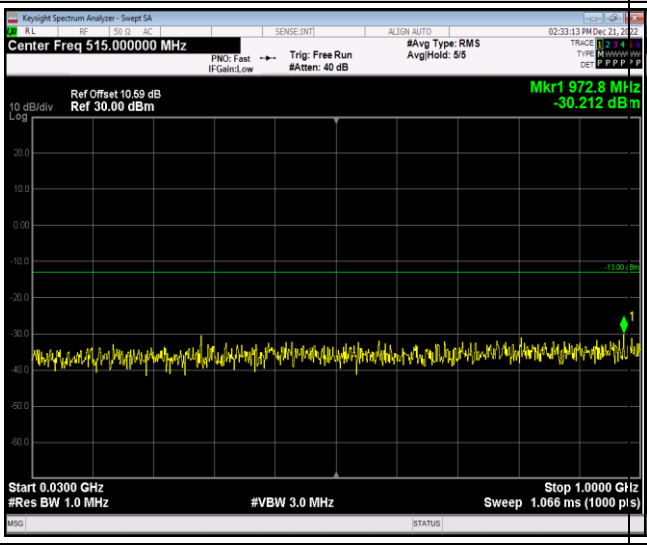
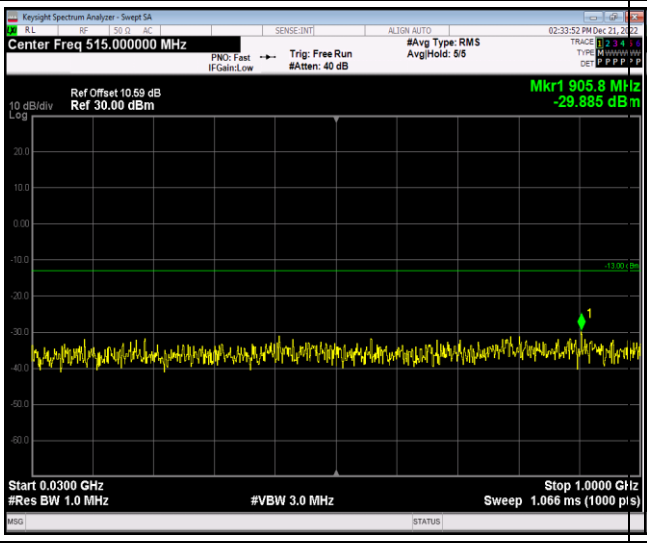
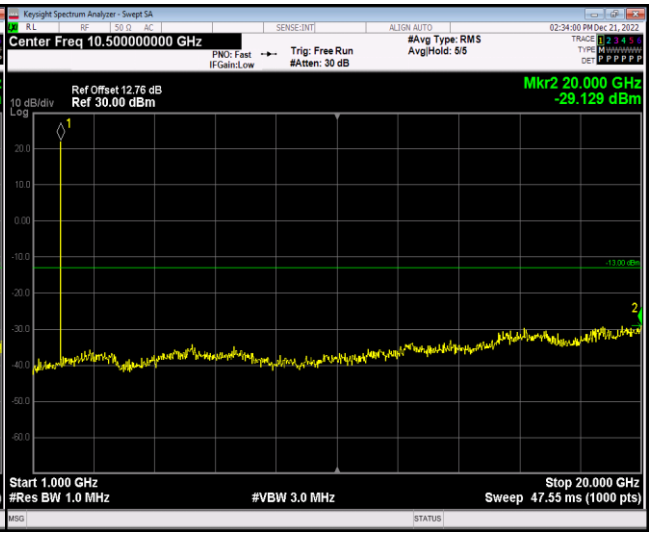
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-40.39	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-34.23	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-40.45	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-35.19	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-39.98	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-35	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-40.95	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-34.78	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-40.44	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-35.04	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-40.08	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-34.98	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-40.31	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-34.74	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-40.04	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-40.05	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-34.31	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range1:30~1000MHz	-41.37	PASS
Band41	5MHz	QPSK	40265	1RB#0	Range2:1000~26500MHz	-32.15	PASS
Band41	5MHz	QPSK	40740	1RB#0	Range1:30~1000MHz	-41.2	PASS
Band41	5MHz	QPSK	40740	1RB#0	Range2:1000~26500MHz	-33.68	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range1:30~1000MHz	-41.96	PASS
Band41	5MHz	QPSK	41215	1RB#0	Range2:1000~26500MHz	-34.19	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range1:30~1000MHz	-41.64	PASS
Band41	5MHz	16QAM	40265	1RB#0	Range2:1000~26500MHz	-34.02	PASS
Band41	5MHz	16QAM	40740	1RB#0	Range1:30~1000MHz	-41.2	PASS
Band41	5MHz	16QAM	40740	1RB#0	Range2:1000~26500MHz	-33.25	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range1:30~1000MHz	-41.32	PASS
Band41	5MHz	16QAM	41215	1RB#0	Range2:1000~26500MHz	-33.21	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range1:30~1000MHz	-42.2	PASS
Band41	20MHz	QPSK	40340	1RB#0	Range2:1000~26500MHz	-33.13	PASS
Band41	20MHz	QPSK	40740	1RB#0	Range1:30~1000MHz	-41.37	PASS
Band41	20MHz	QPSK	40740	1RB#0	Range2:1000~26500MHz	-33.4	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range1:30~1000MHz	-41.5	PASS
Band41	20MHz	QPSK	41140	1RB#0	Range2:1000~26500MHz	-33.25	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range1:30~1000MHz	-41.27	PASS
Band41	20MHz	16QAM	40340	1RB#0	Range2:1000~26500MHz	-34.11	PASS
Band41	20MHz	16QAM	40740	1RB#0	Range1:30~1000MHz	-41.69	PASS
Band41	20MHz	16QAM	40740	1RB#0	Range2:1000~26500MHz	-33.95	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range1:30~1000MHz	-40.69	PASS
Band41	20MHz	16QAM	41140	1RB#0	Range2:1000~26500MHz	-33.33	PASS

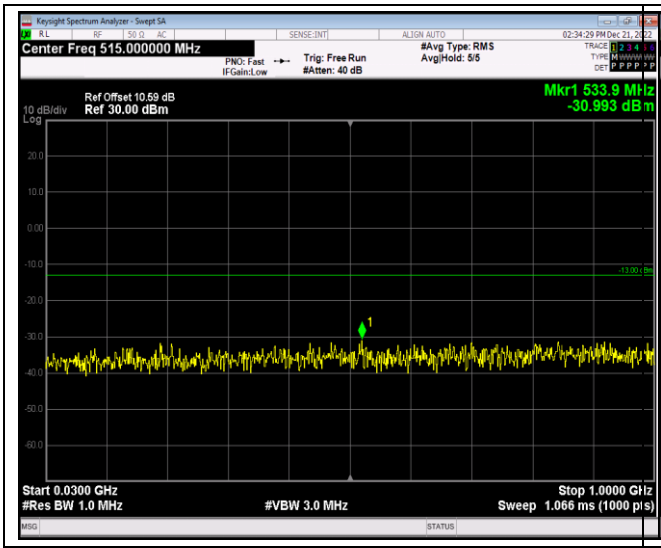
Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-31.12	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~20000MHz	-27.78	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-30.91	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-28.94	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-31.19	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~20000MHz	-28.65	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-31.81	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~20000MHz	-28.71	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-32.17	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-29.29	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-31.49	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~20000MHz	-29.19	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-31.5	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~20000MHz	-28.65	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-31.48	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~20000MHz	-28.06	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-31.13	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~20000MHz	-29.34	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-31.73	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~20000MHz	-28.9	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-30.91	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~20000MHz	-28.31	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-31.05	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~20000MHz	-28.89	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range1:30~1000MHz	-40.44	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range2:1000~10000MHz	-35.42	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-40.23	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-35.6	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range1:30~1000MHz	-40.65	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range2:1000~10000MHz	-35.2	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range1:30~1000MHz	-40.1	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range2:1000~10000MHz	-35.03	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-40.11	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-35.77	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range1:30~1000MHz	-39.95	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range2:1000~10000MHz	-34.58	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range1:30~1000MHz	-40.4	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range2:1000~10000MHz	-35.69	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range1:30~1000MHz	-39.48	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range2:1000~10000MHz	-34.27	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range1:30~1000MHz	-39.93	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range2:1000~10000MHz	-35.81	PASS

Band71	20MHz	16QAM	133222	1RB#0	Range1:30~1000MHz	-40.64	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range2:1000~10000MHz	-35.11	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range1:30~1000MHz	-40.12	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range2:1000~10000MHz	-35.28	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range1:30~1000MHz	-40.57	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range2:1000~10000MHz	-34.91	PASS

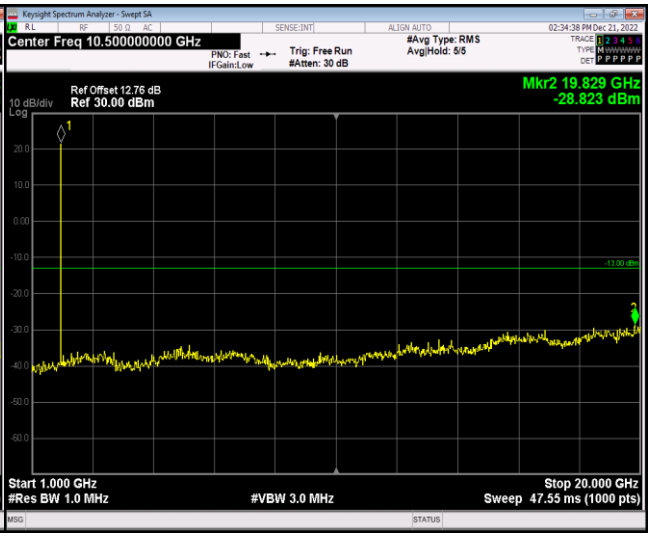
Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs

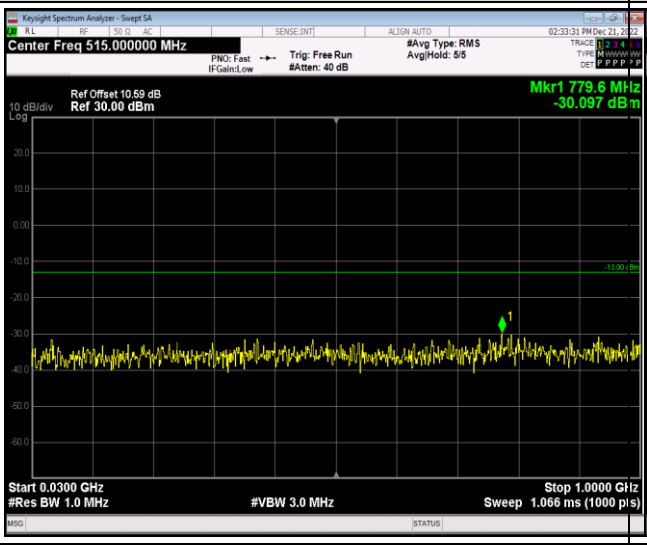
Band2-1.4MHz-QPSK-18607-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-18607-1RB#0-Range2:1000~20000MHz
	
Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz
	
Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~20000MHz



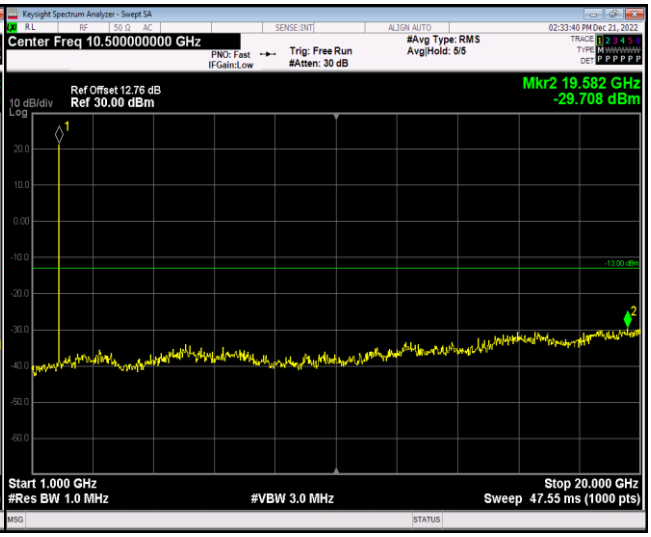
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz



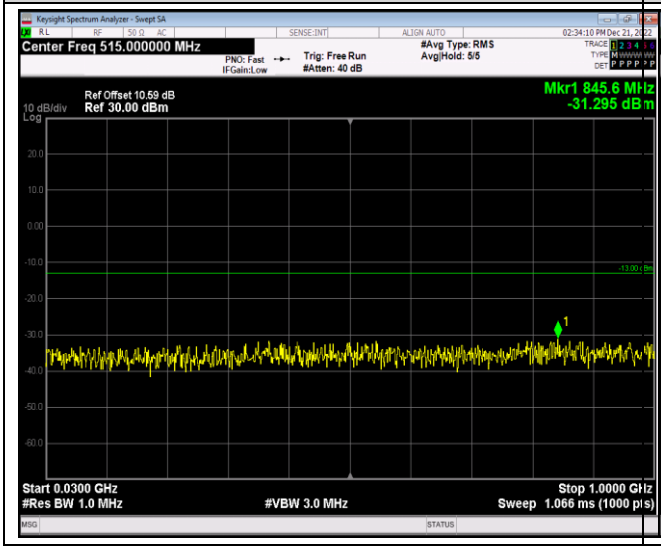
Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~20000MHz

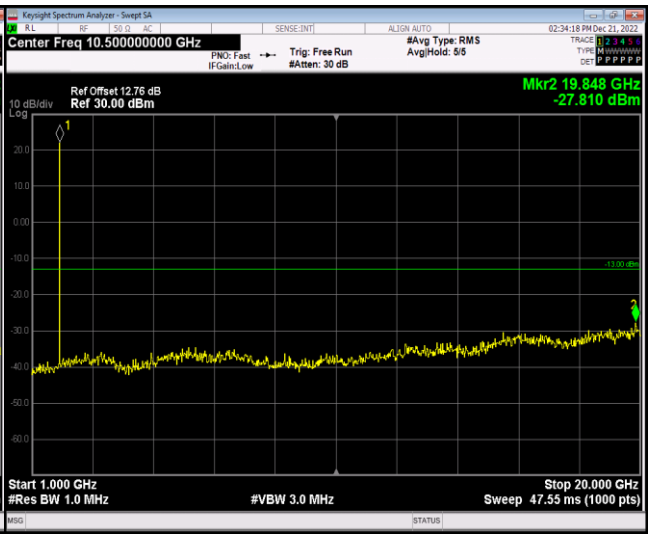


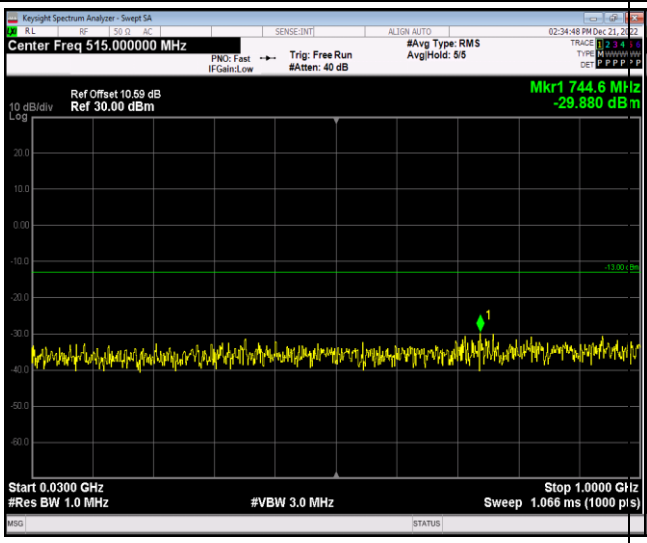
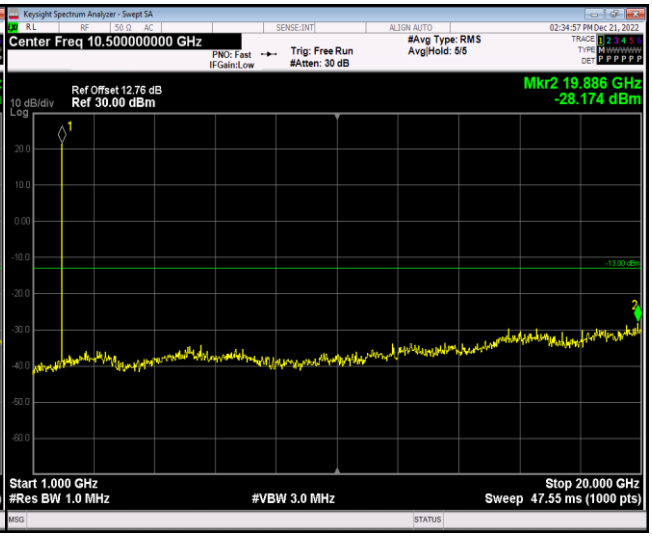
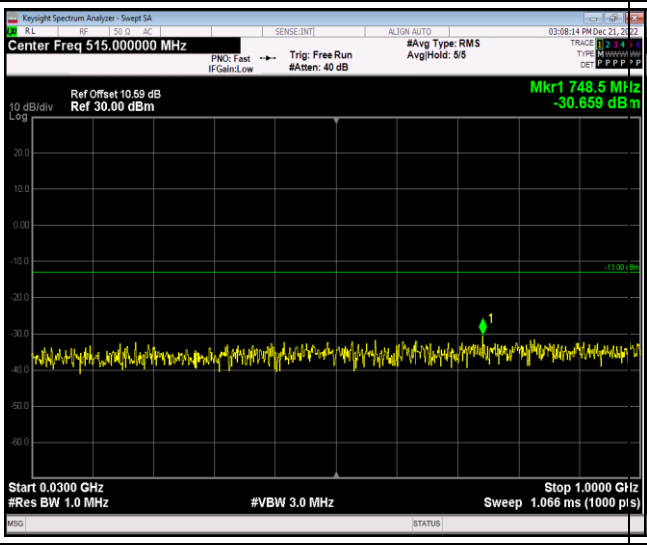
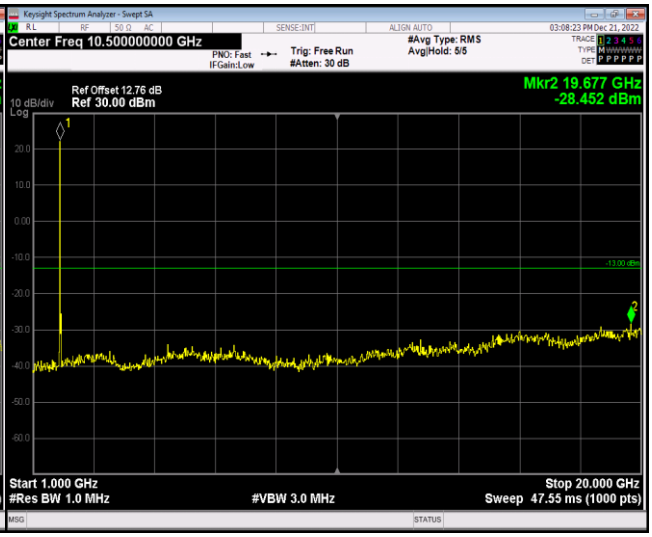
Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

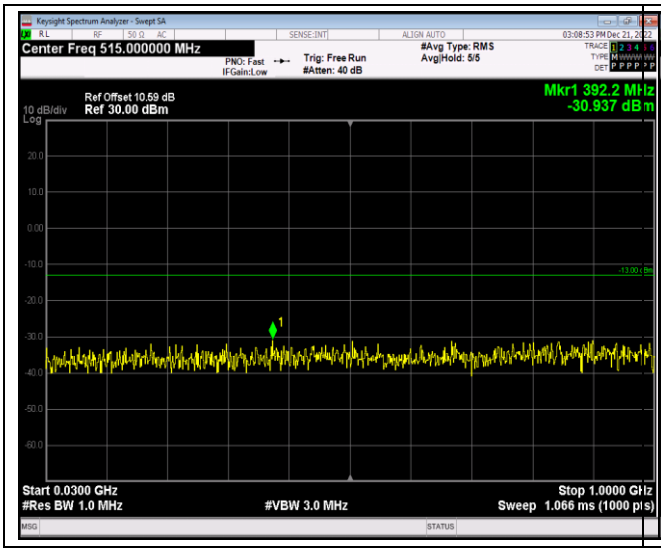


Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz

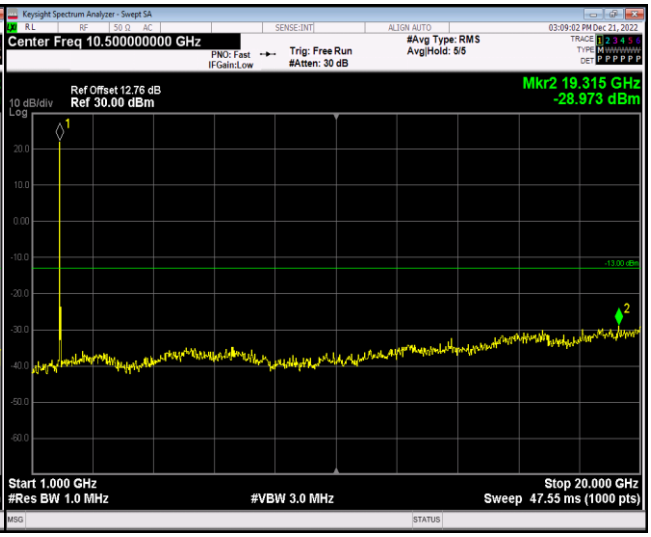




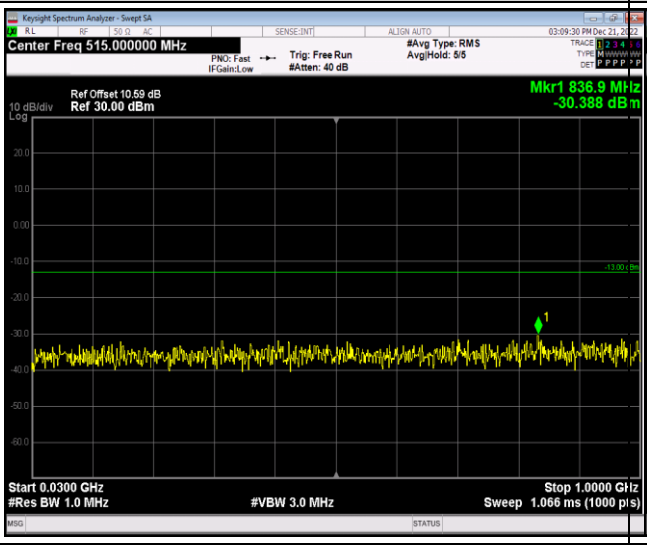
Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~1000MHz	Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz	Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz	Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



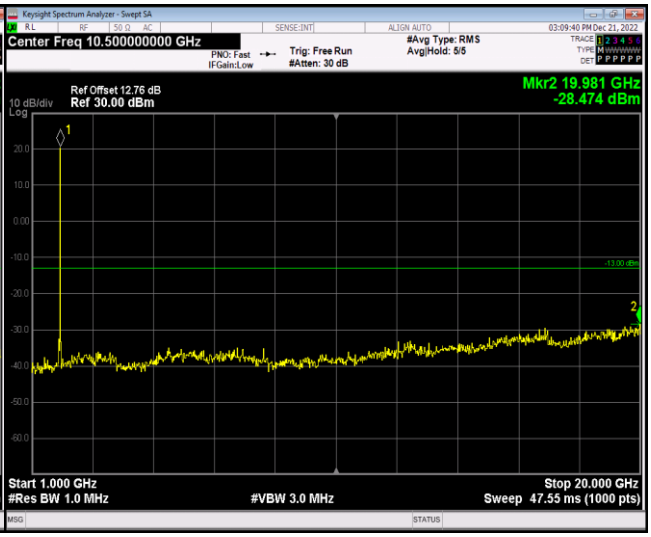
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



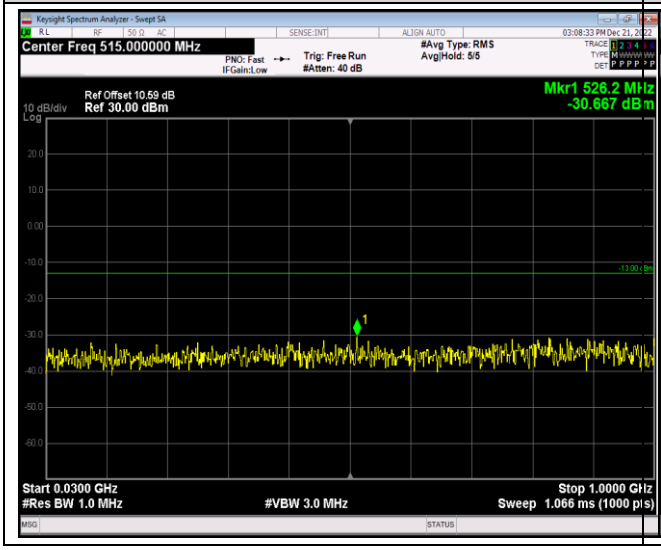
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz

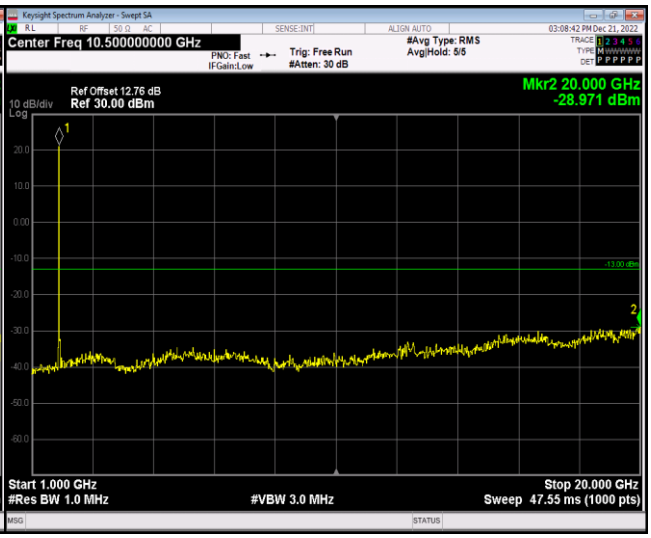


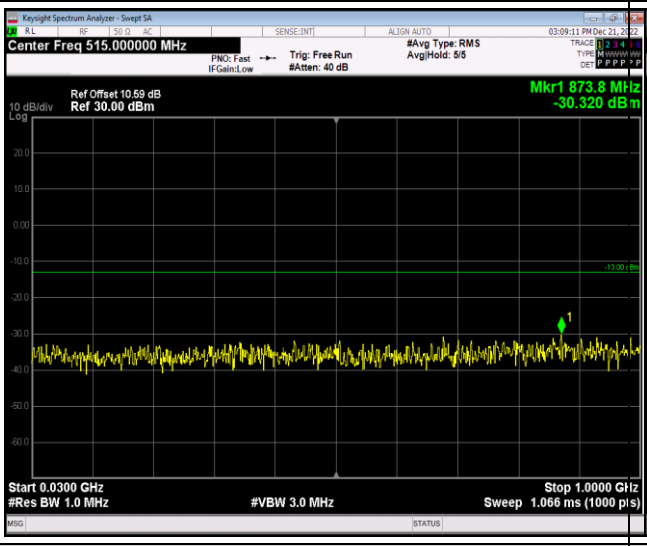
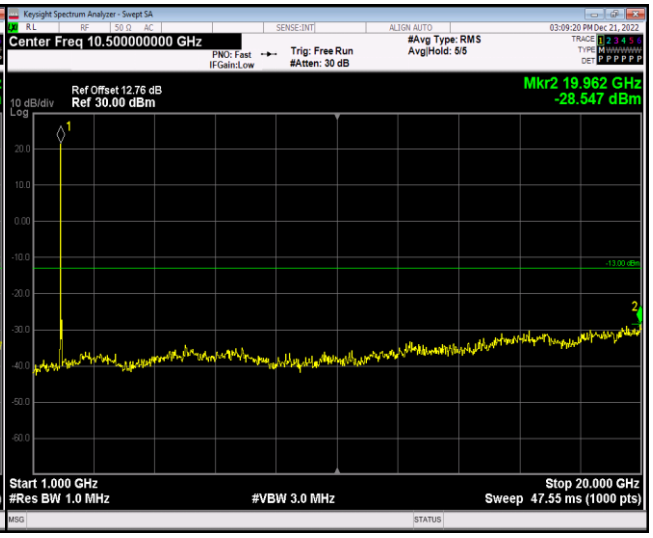
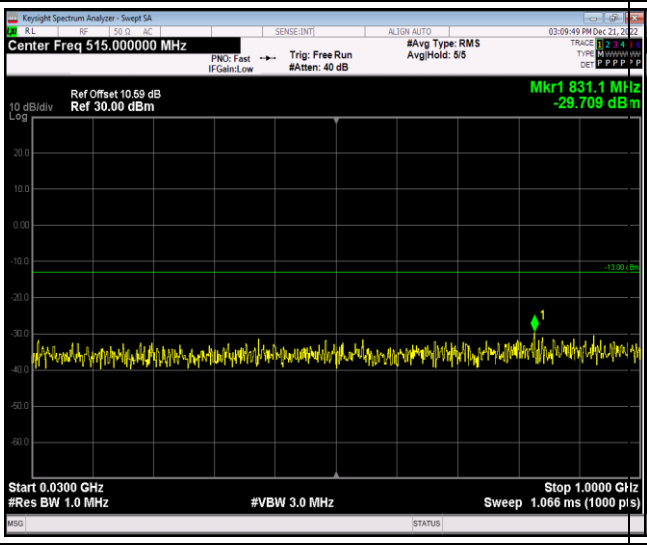
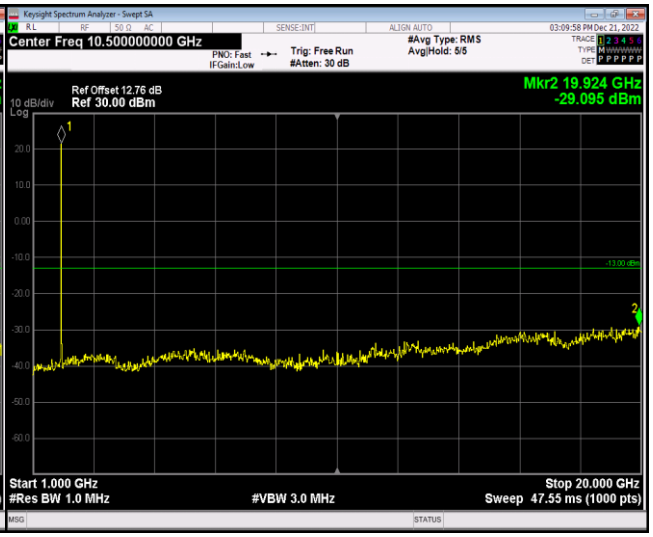
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz

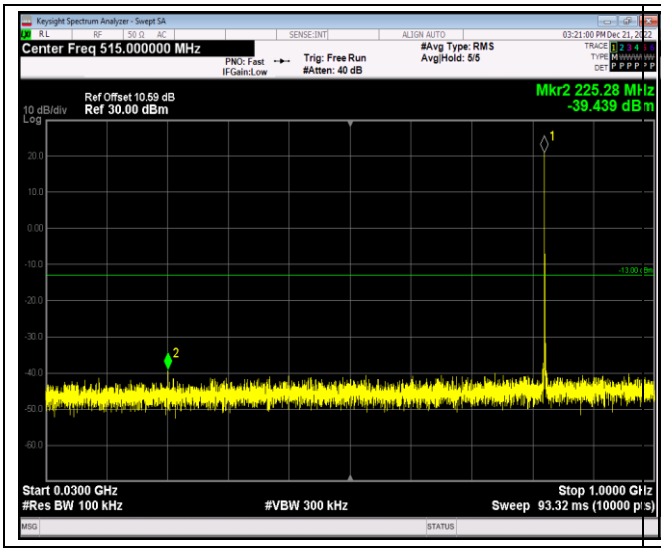


Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz

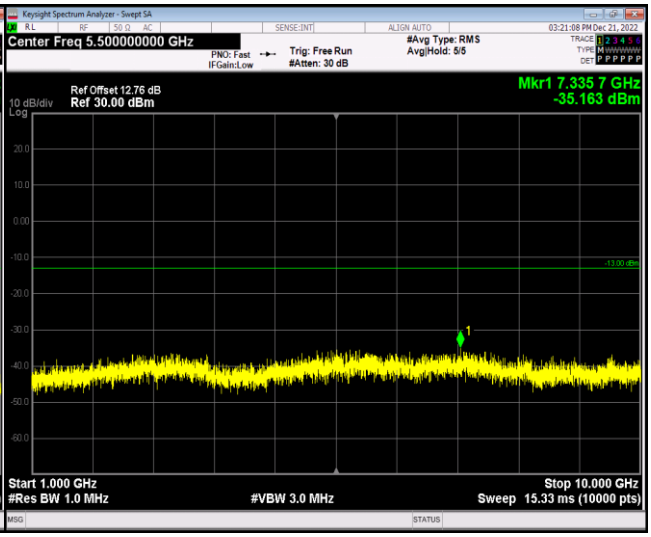




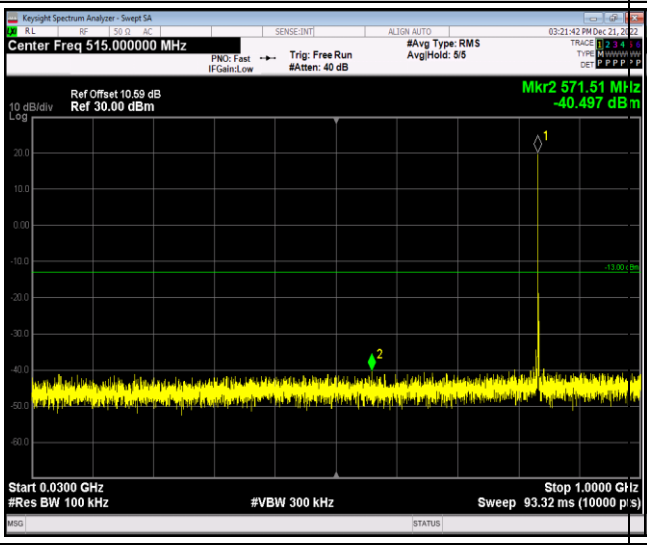
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz	Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz
	
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz	Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz
	
Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz	Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz



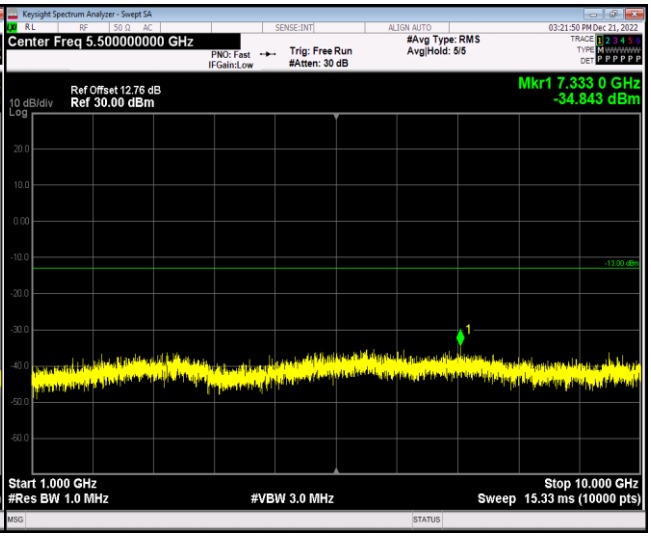
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



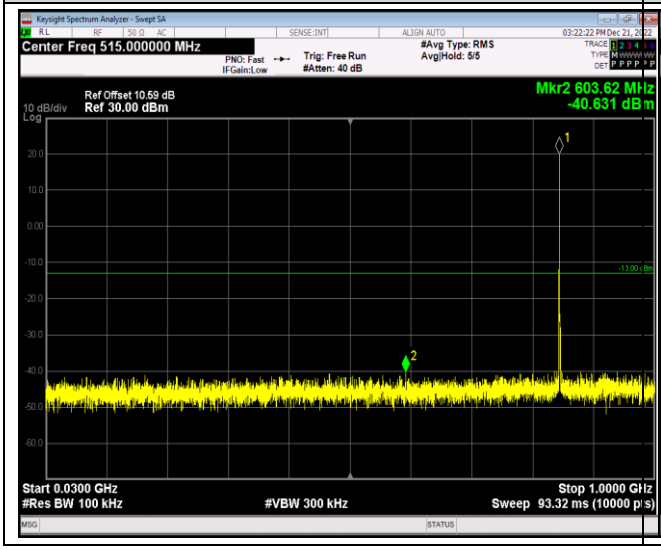
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz

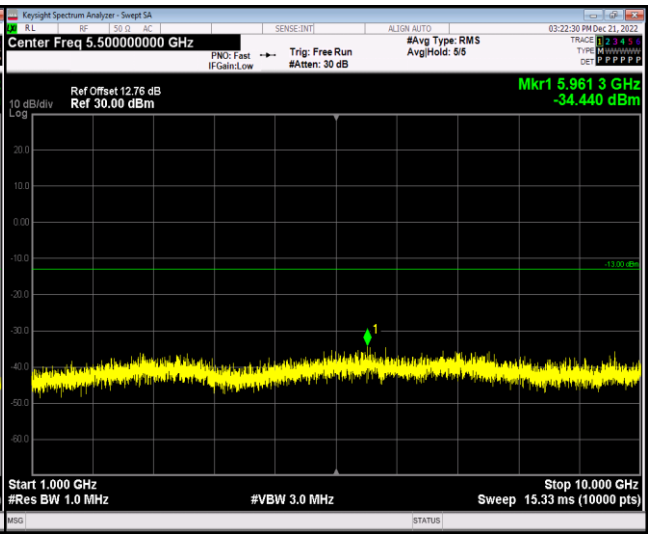


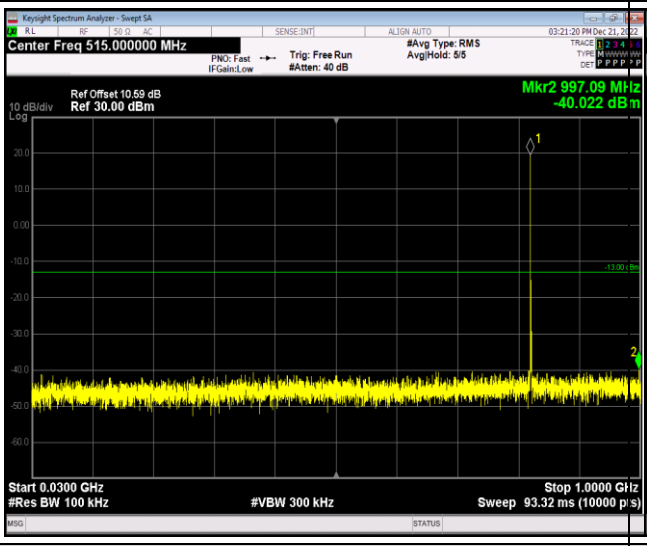
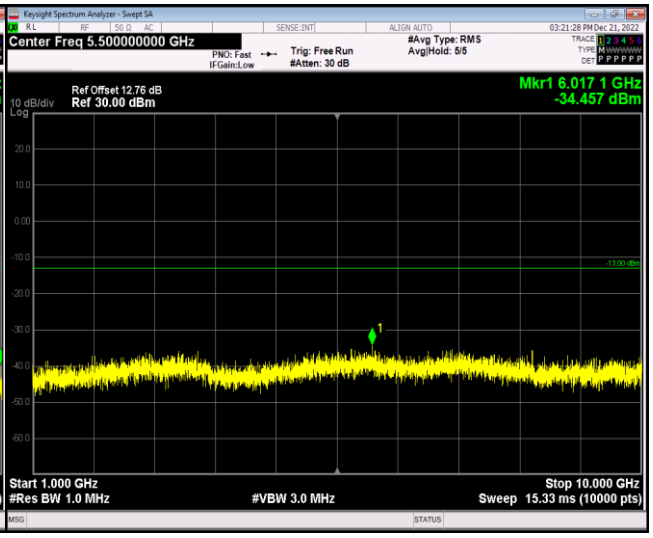
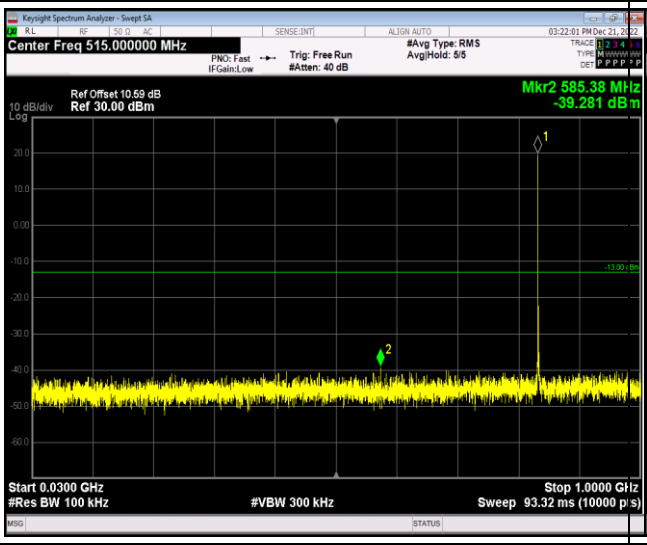
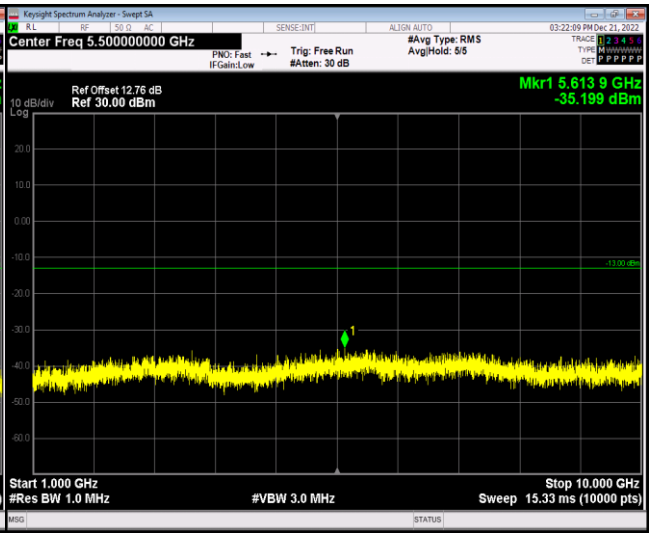
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz

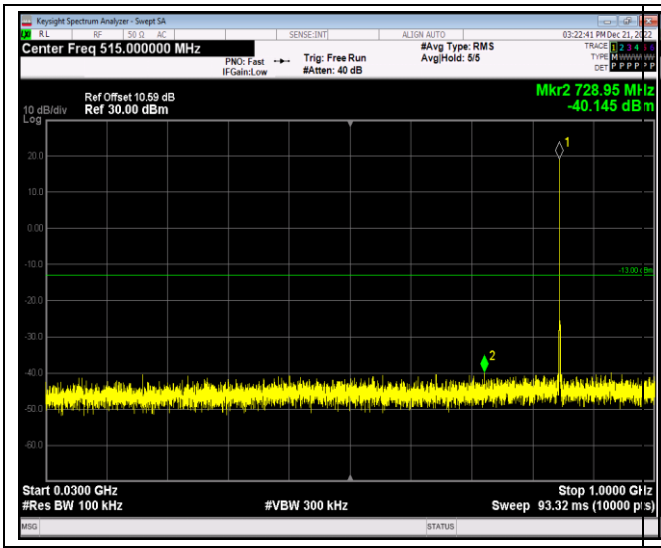


Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz

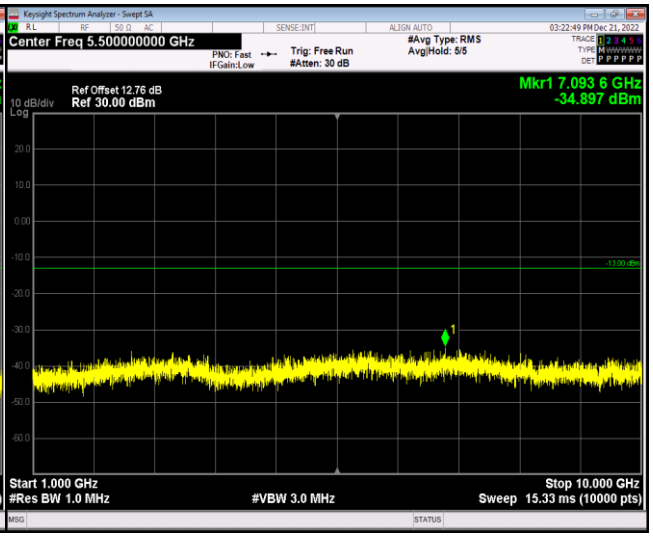




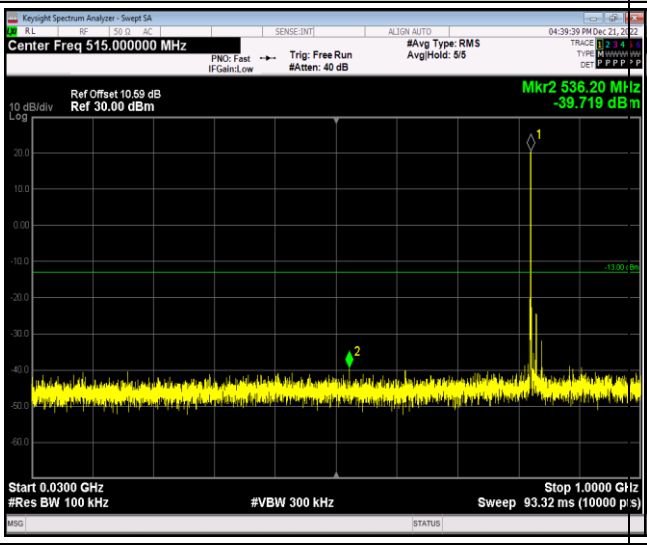
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz	Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz
	
Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz	Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz
	
Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz	Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



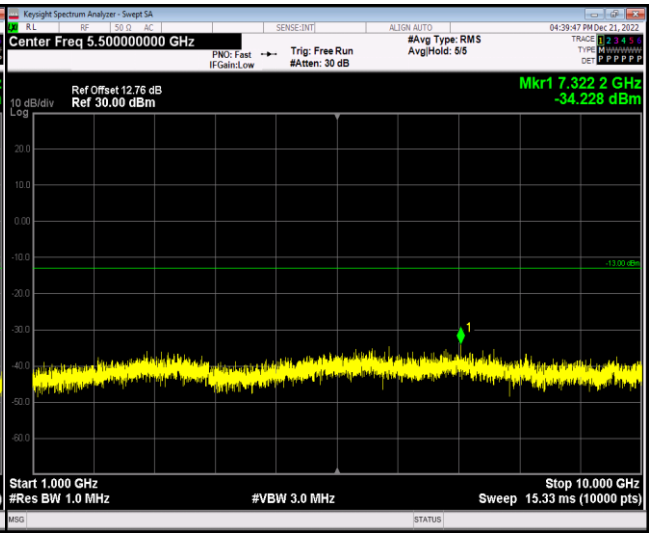
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



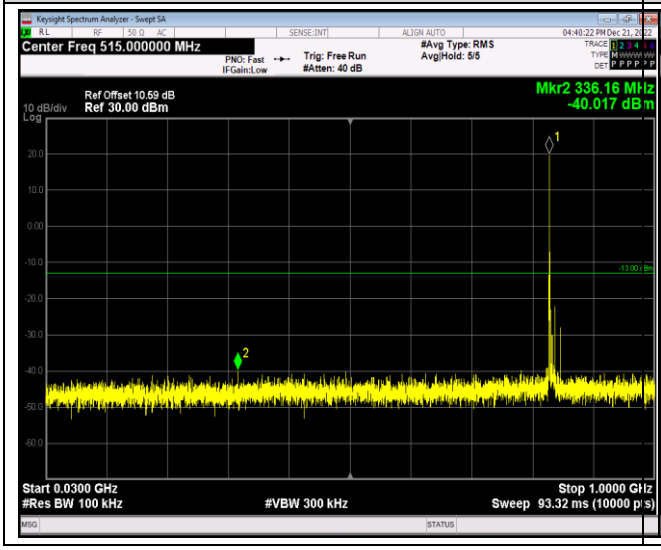
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz

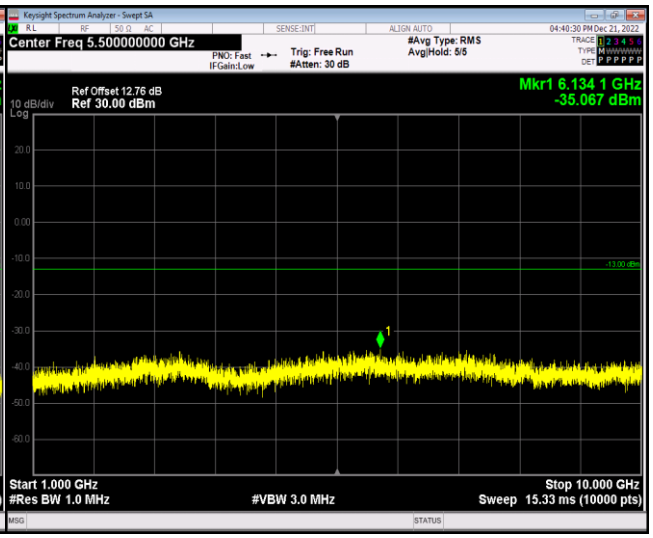


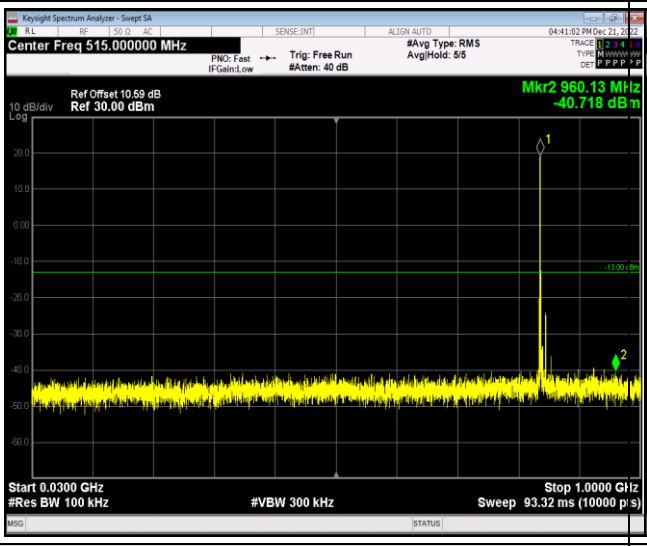
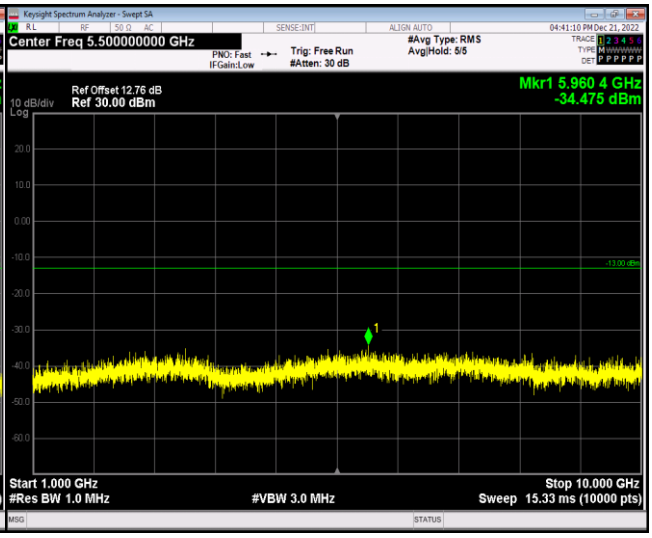
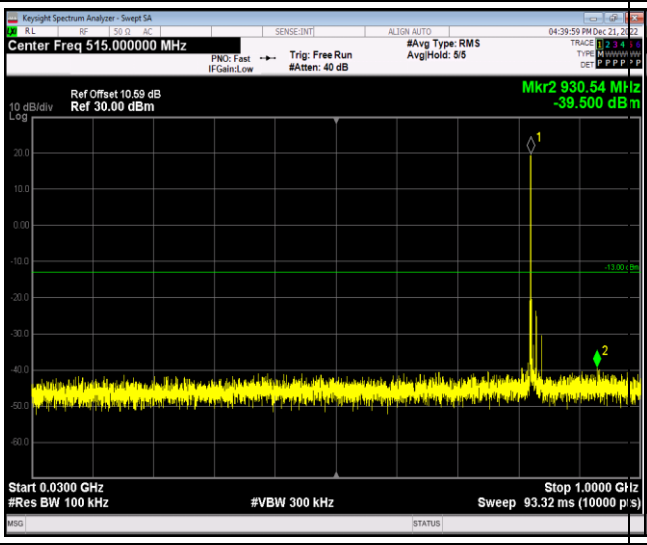
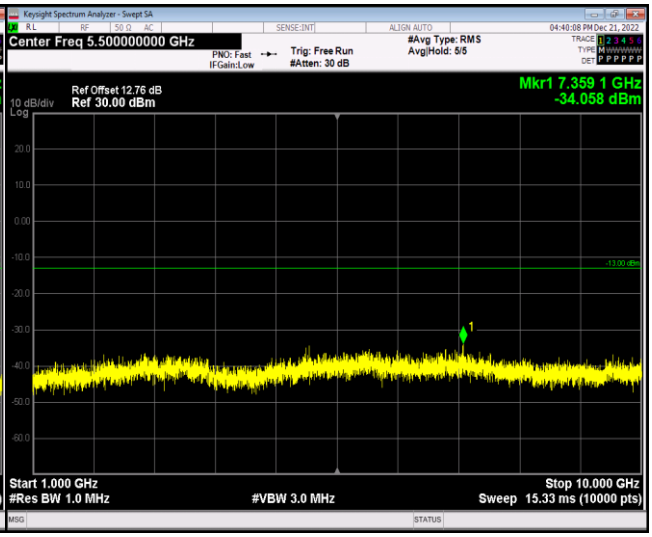
Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz

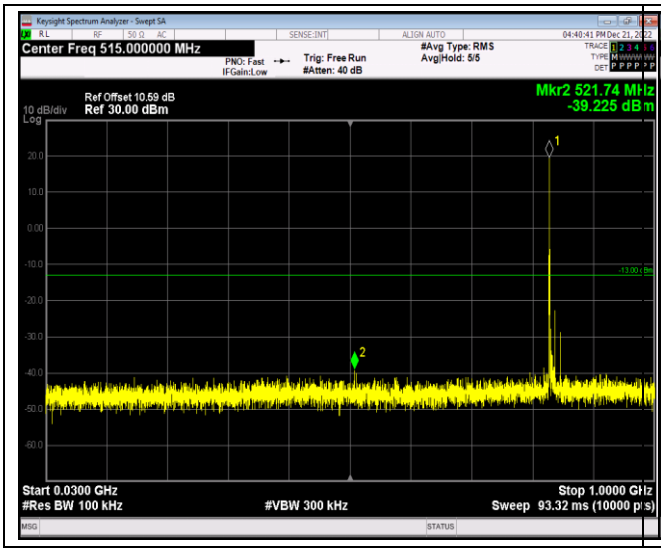


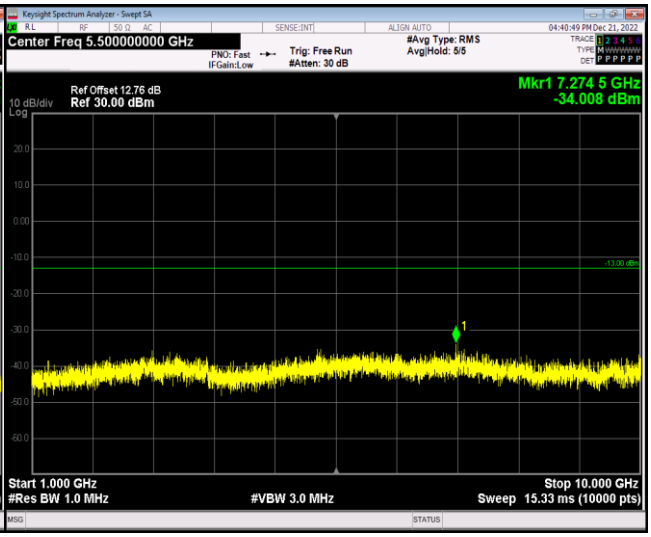
Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz





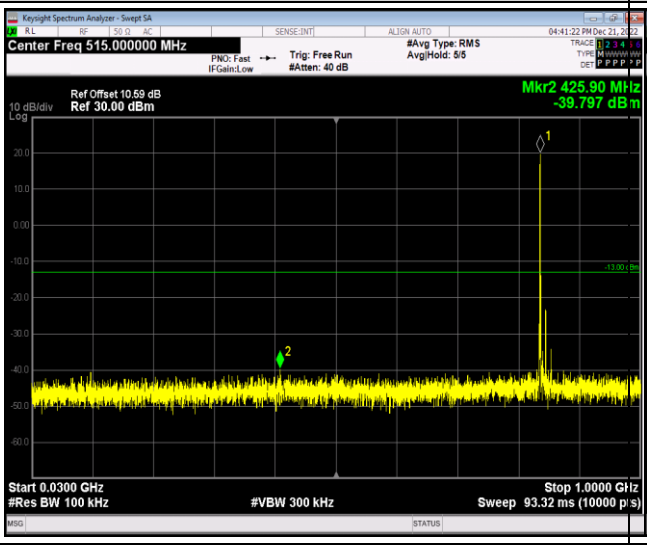
Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz	Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz
	
Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz	Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz
	
Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz	Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz

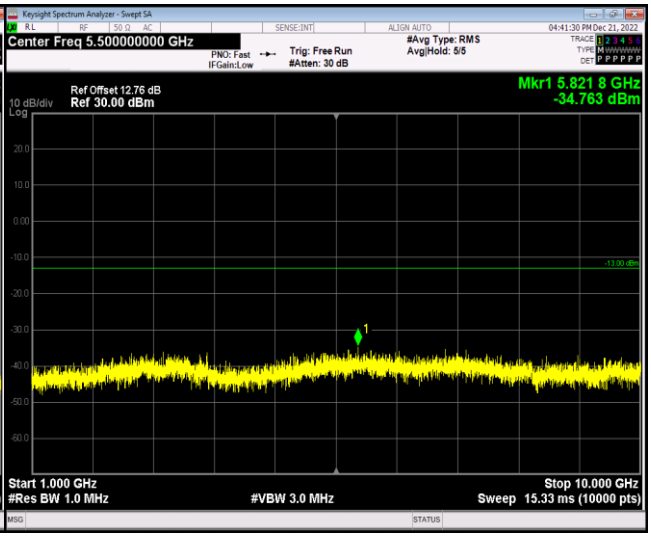




Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz

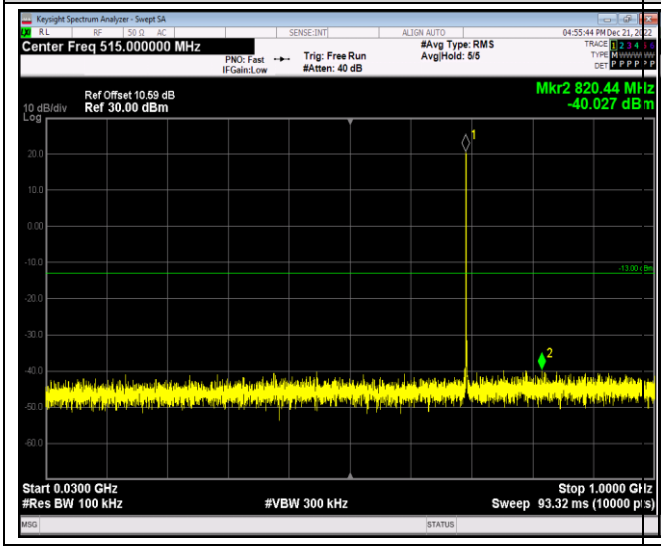
Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz

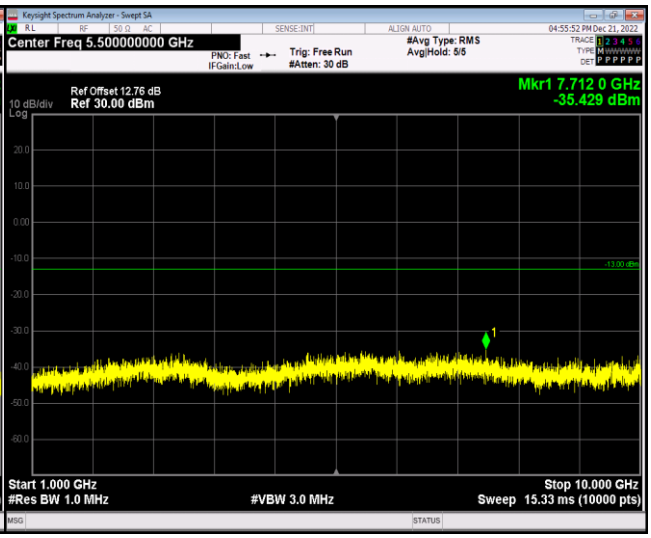


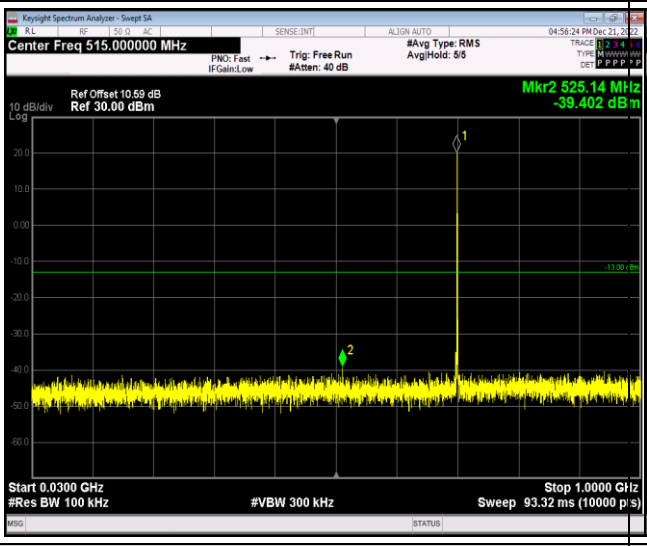
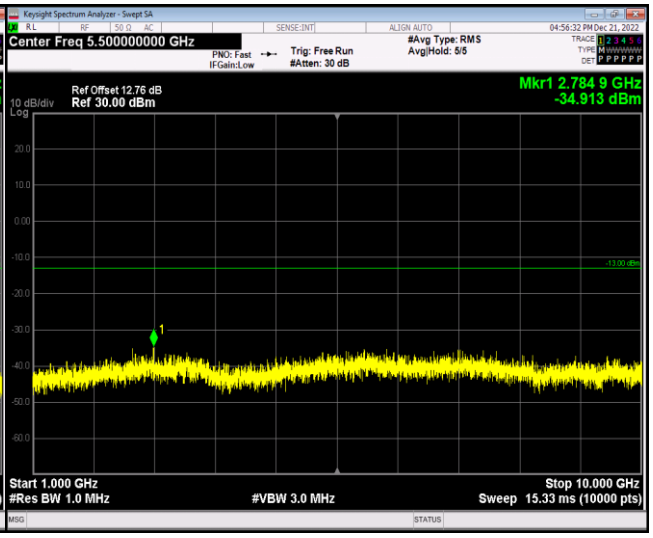
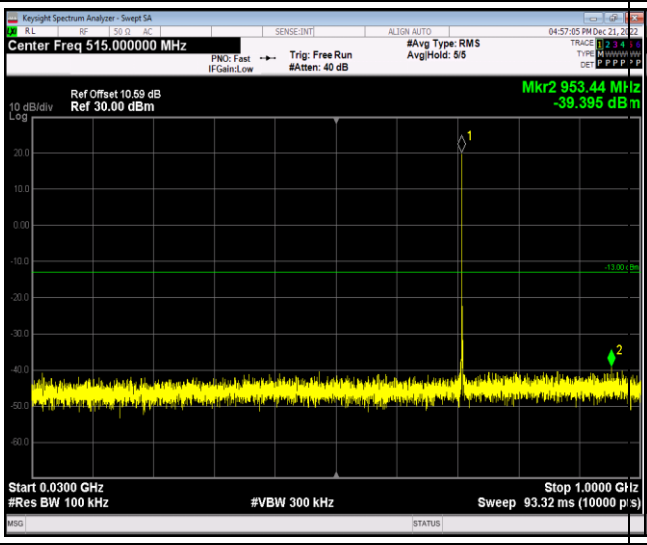
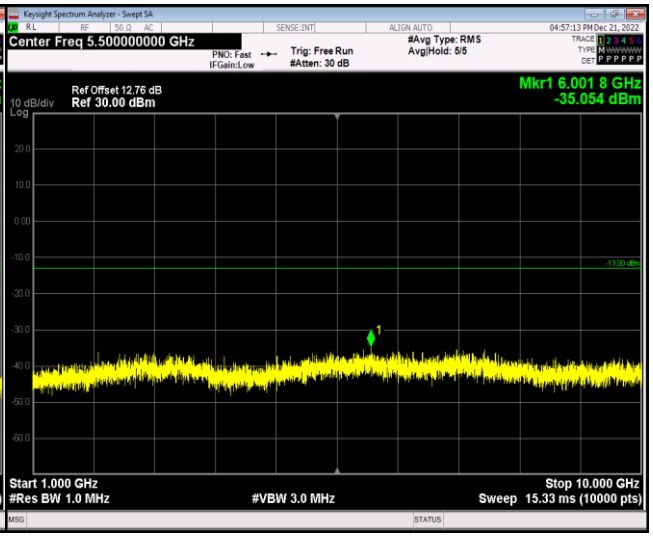


Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz

Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz





Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz	Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz
	
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz	Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz
	
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz	Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz