



Appendix G: Test Data for E-UTRA Band 12

Product Name: Tigapo Cards vending machine

Test Model: LKS8500 series

Environmental Conditions

Temperature:	22.2℃
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	
	Kay Hu
Supervised by:	
	Li Huan



G.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	22.15	PASS
Band12	1.4MHz	QPSK	23095	22.11	PASS
Band12	1.4MHz	QPSK	23173	22.21	PASS
Band12	1.4MHz	16QAM	23017	20.76	PASS
Band12	1.4MHz	16QAM	23095	21.27	PASS
Band12	1.4MHz	16QAM	23173	21.21	PASS
Band12	3MHz	QPSK	23025	22.10	PASS
Band12	3MHz	QPSK	23095	22.29	PASS
Band12	3MHz	QPSK	23165	22.11	PASS
Band12	3MHz	16QAM	23025	21.22	PASS
Band12	3MHz	16QAM	23095	21.19	PASS
Band12	3MHz	16QAM	23165	21.04	PASS
Band12	5MHz	QPSK	23035	22.08	PASS
Band12	5MHz	QPSK	23095	22.38	PASS
Band12	5MHz	QPSK	23155	22.11	PASS
Band12	5MHz	16QAM	23035	21.08	PASS
Band12	5MHz	16QAM	23095	21.40	PASS
Band12	5MHz	16QAM	23155	21.10	PASS
Band12	10MHz	QPSK	23060	22.79	PASS
Band12	10MHz	QPSK	23095	22.86	PASS
Band12	10MHz	QPSK	23130	22.59	PASS
Band12	10MHz	16QAM	23060	20.87	PASS
Band12	10MHz	16QAM	23095	21.02	PASS
Band12	10MHz	16QAM	23130	21.12	PASS



G.2 Peak-to-Average Ratio(CCDF)

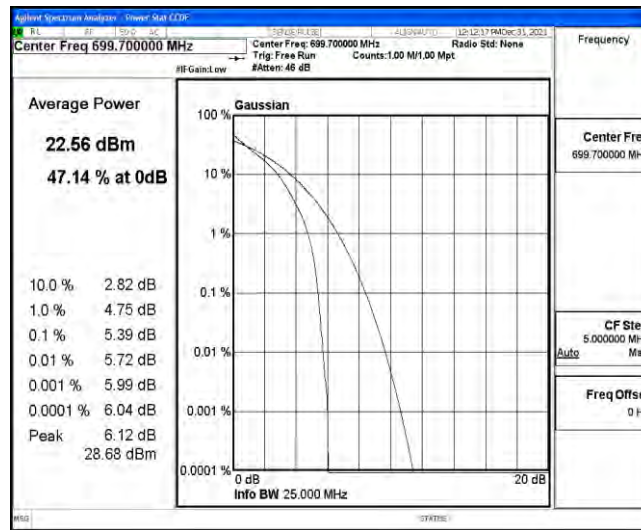
Test Result

Band	Bandwidth	Modulation	Channel	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	5.39	13	PASS
Band12	1.4MHz	QPSK	23095	5.46	13	PASS
Band12	1.4MHz	QPSK	23173	4.64	13	PASS
Band12	1.4MHz	16QAM	23017	6.28	13	PASS
Band12	1.4MHz	16QAM	23095	6.34	13	PASS
Band12	1.4MHz	16QAM	23173	5.55	13	PASS
Band12	3MHz	QPSK	23025	5.49	13	PASS
Band12	3MHz	QPSK	23095	5.50	13	PASS
Band12	3MHz	QPSK	23165	4.66	13	PASS
Band12	3MHz	16QAM	23025	6.21	13	PASS
Band12	3MHz	16QAM	23095	6.35	13	PASS
Band12	3MHz	16QAM	23165	5.60	13	PASS
Band12	5MHz	QPSK	23035	5.46	13	PASS
Band12	5MHz	QPSK	23095	5.55	13	PASS
Band12	5MHz	QPSK	23155	4.98	13	PASS
Band12	5MHz	16QAM	23035	6.19	13	PASS
Band12	5MHz	16QAM	23095	6.36	13	PASS
Band12	5MHz	16QAM	23155	5.92	13	PASS
Band12	10MHz	QPSK	23060	5.44	13	PASS
Band12	10MHz	QPSK	23095	5.45	13	PASS
Band12	10MHz	QPSK	23130	5.24	13	PASS
Band12	10MHz	16QAM	23060	6.27	13	PASS
Band12	10MHz	16QAM	23095	6.30	13	PASS
Band12	10MHz	16QAM	23130	6.08	13	PASS

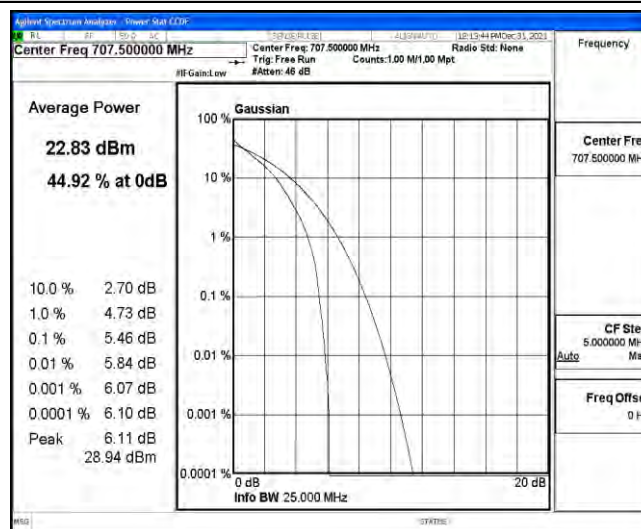


Test Graphs

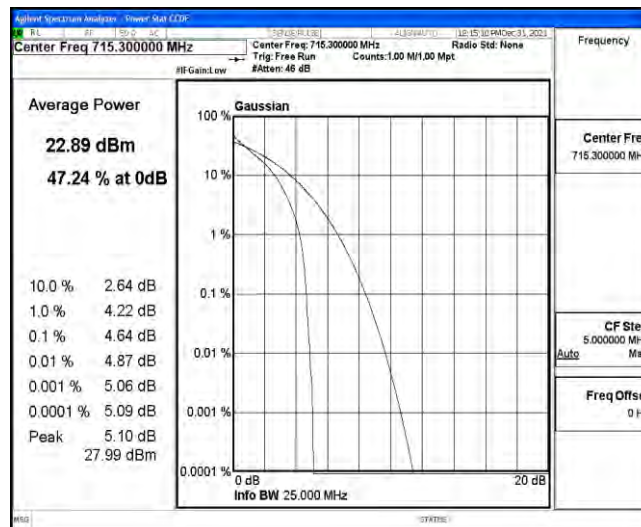
Band12-1.4MHz-QPSK-23017



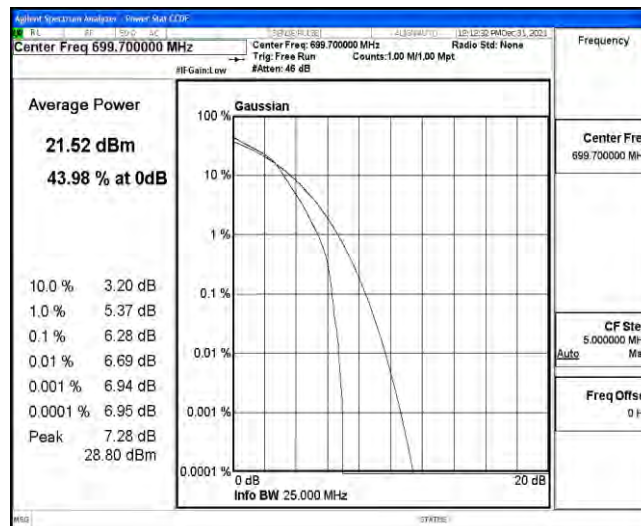
Band12-1.4MHz-QPSK-23095



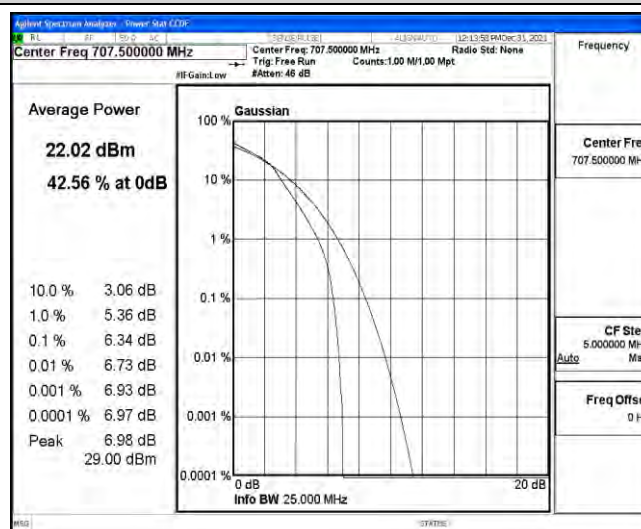
Band12-1.4MHz-QPSK-23173



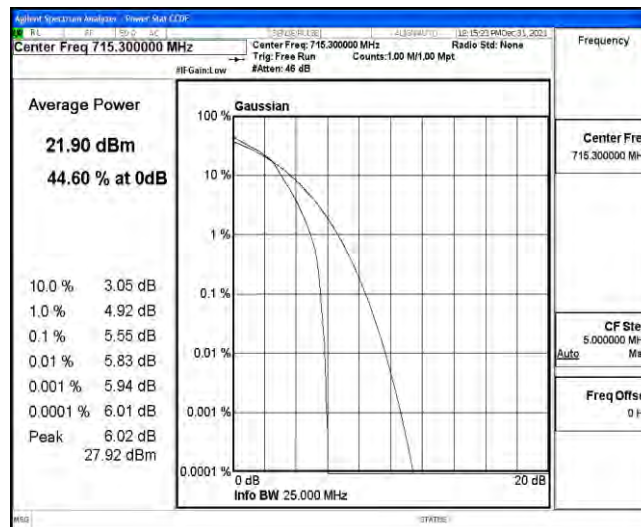
Band12-1.4MHz-16QAM-23017



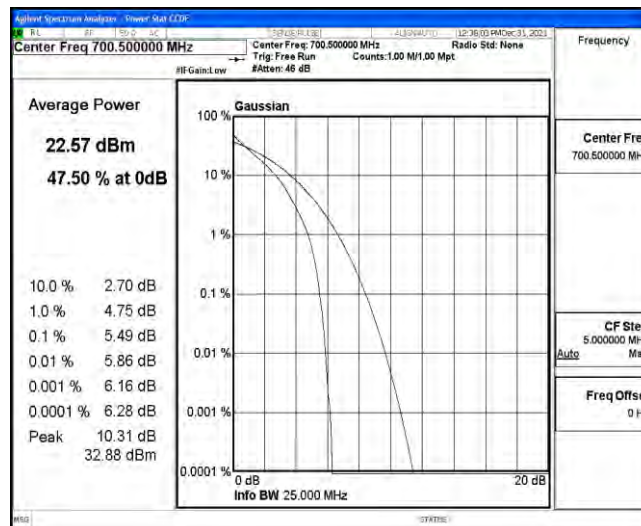
Band12-1.4MHz-16QAM-23095



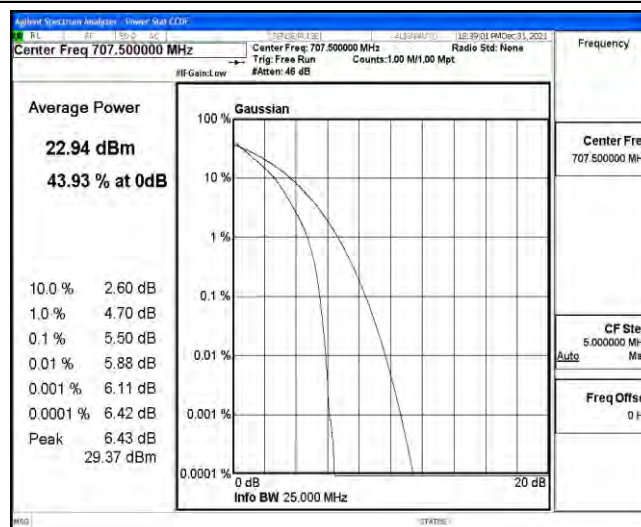
Band12-1.4MHz-16QAM-23173



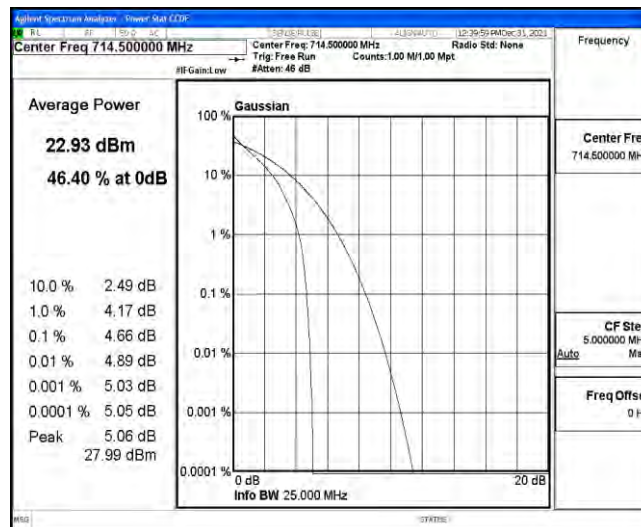
Band12-3MHz-QPSK-23025



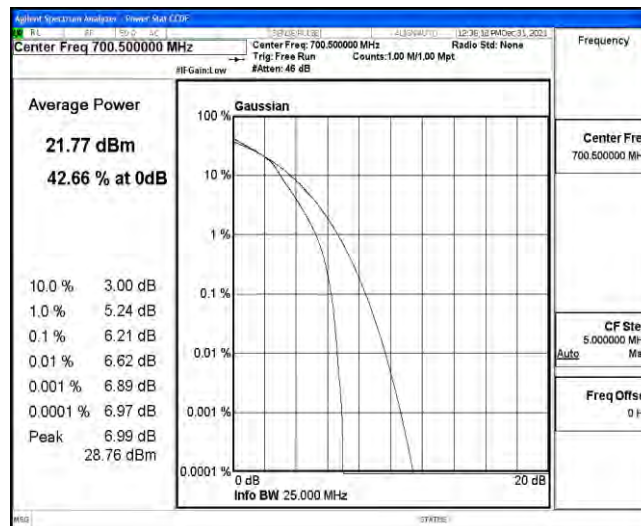
Band12-3MHz-QPSK-23095



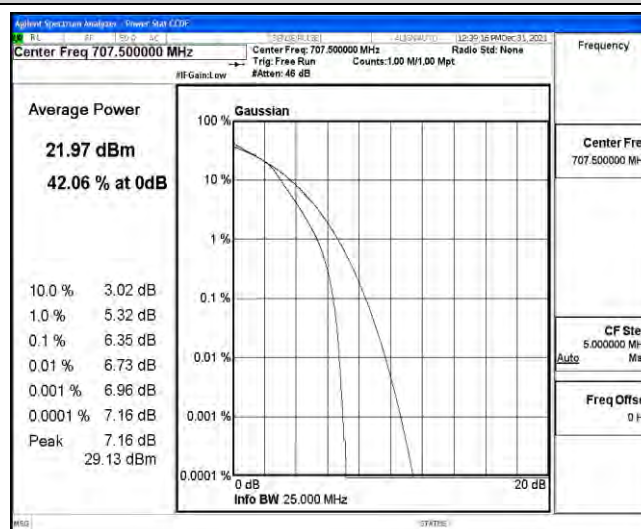
Band12-3MHz-QPSK-23165



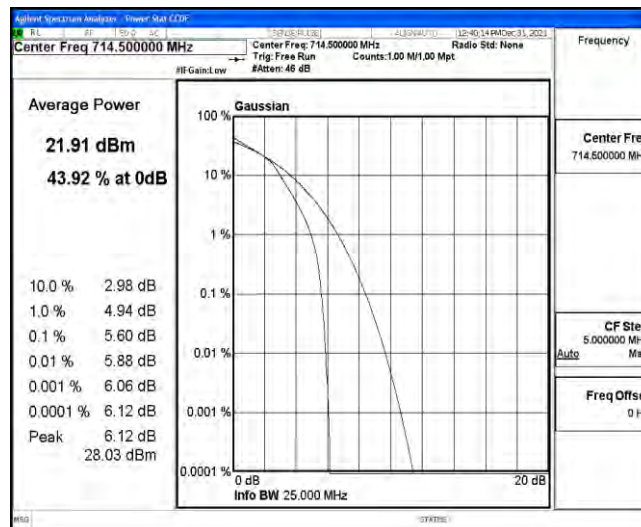
Band12-3MHz-16QAM-23025



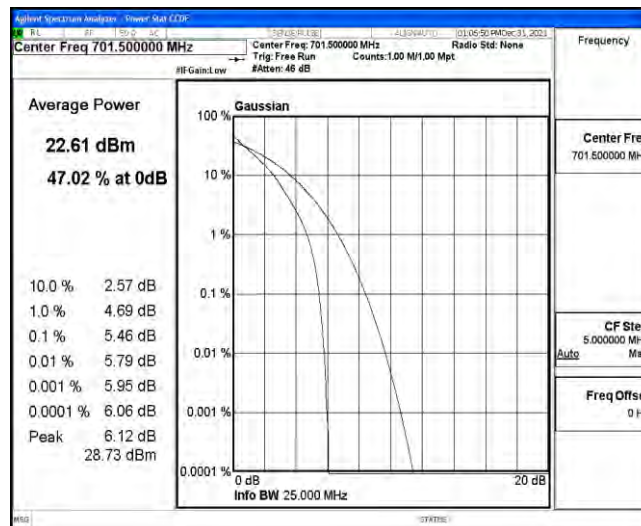
Band12-3MHz-16QAM-23095



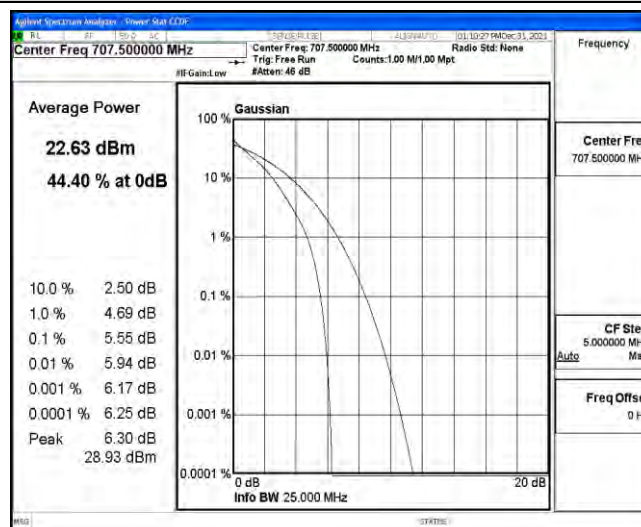
Band12-3MHz-16QAM-23165



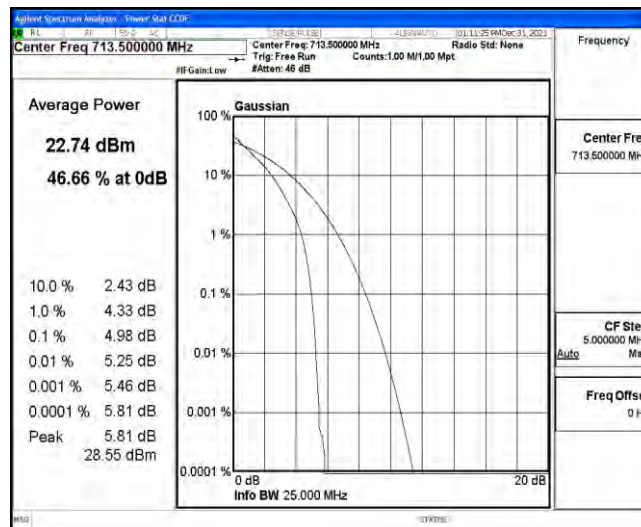
Band12-5MHz-QPSK-23035



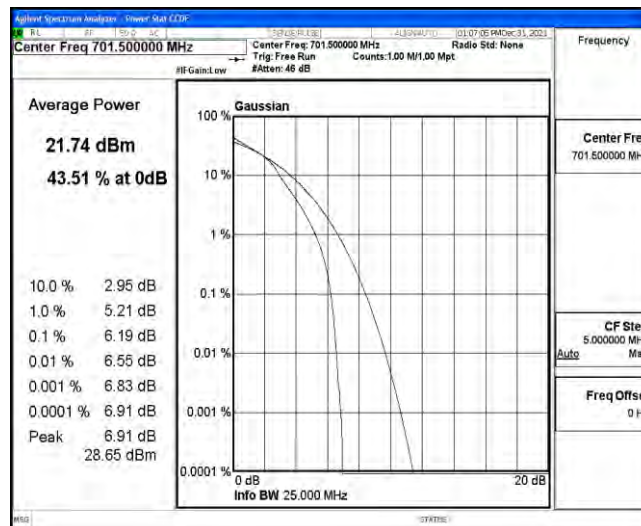
Band12-5MHz-QPSK-23095



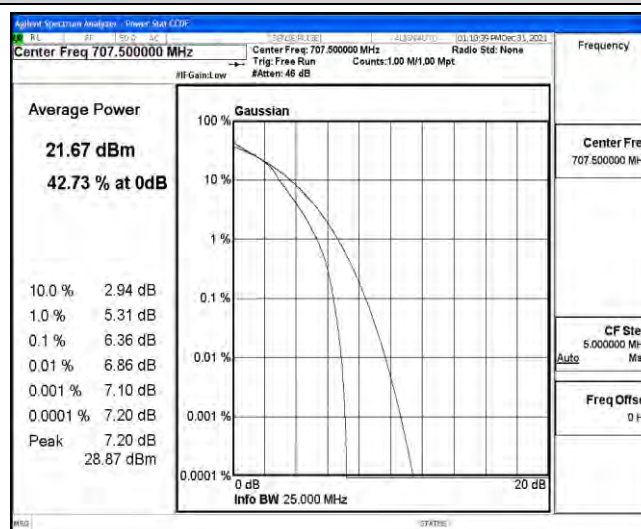
Band12-5MHz-QPSK-23155



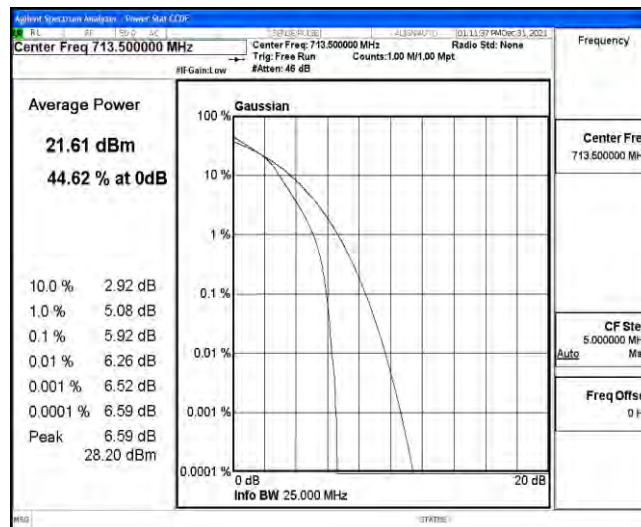
Band12-5MHz-16QAM-23035



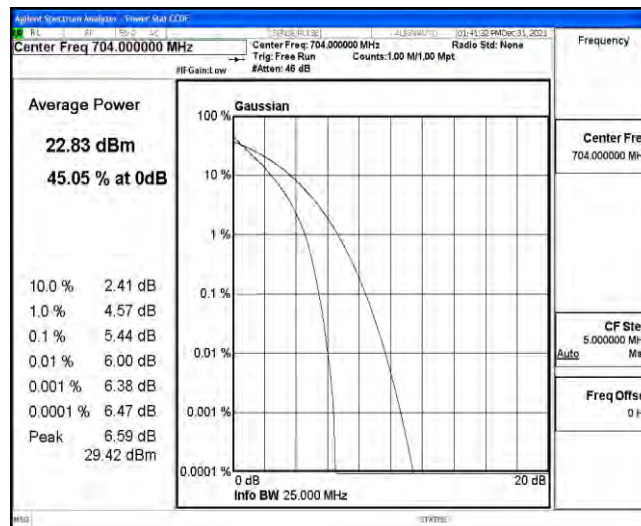
Band12-5MHz-16QAM-23095



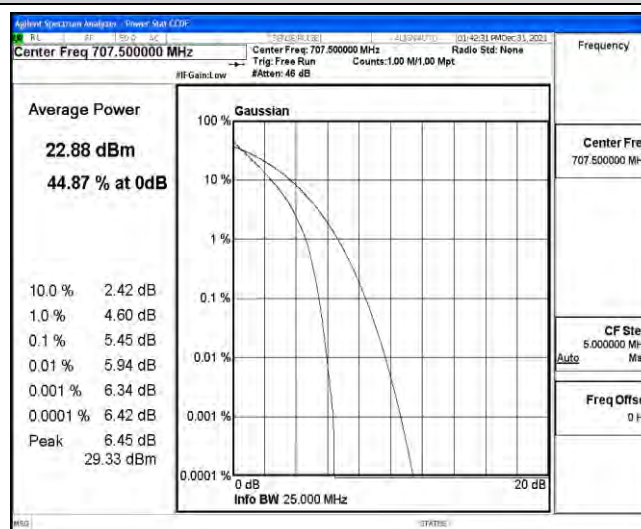
Band12-5MHz-16QAM-23155



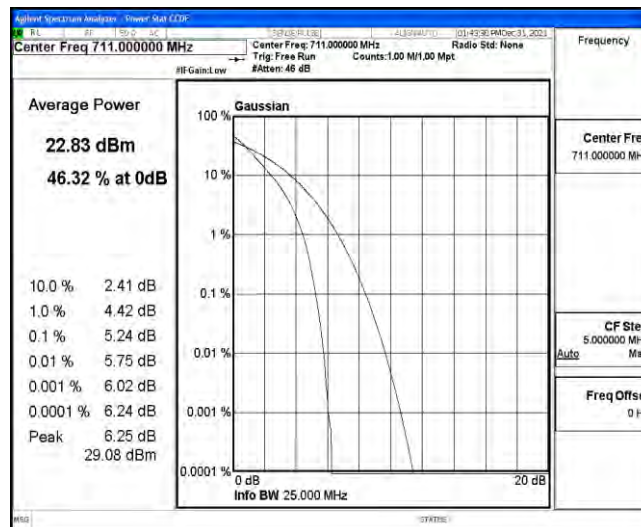
Band12-10MHz-QPSK-23060



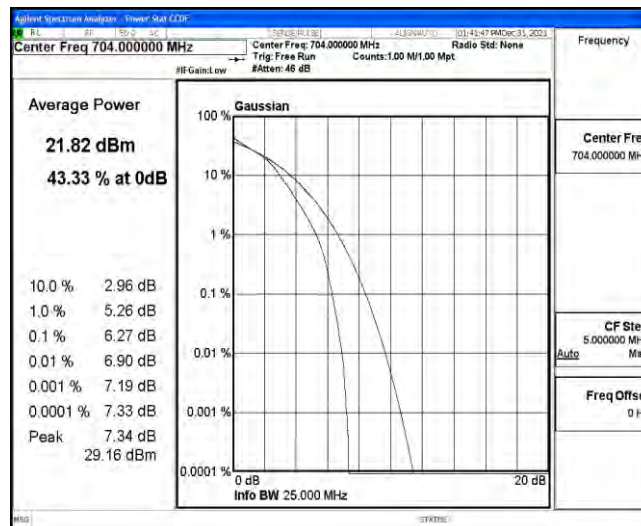
Band12-10MHz-QPSK-23095



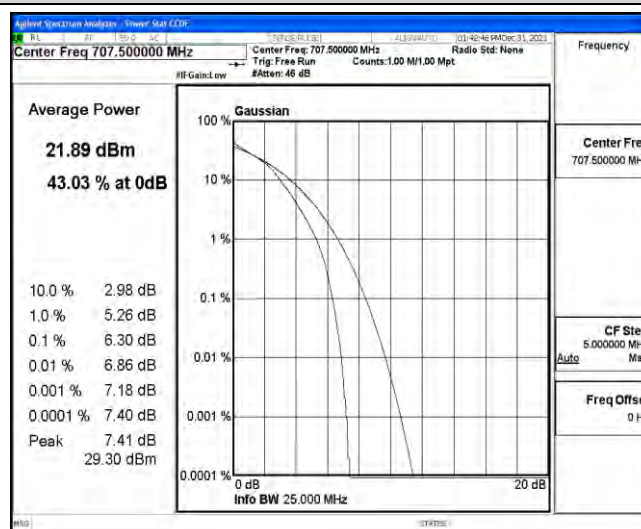
Band12-10MHz-QPSK-23130



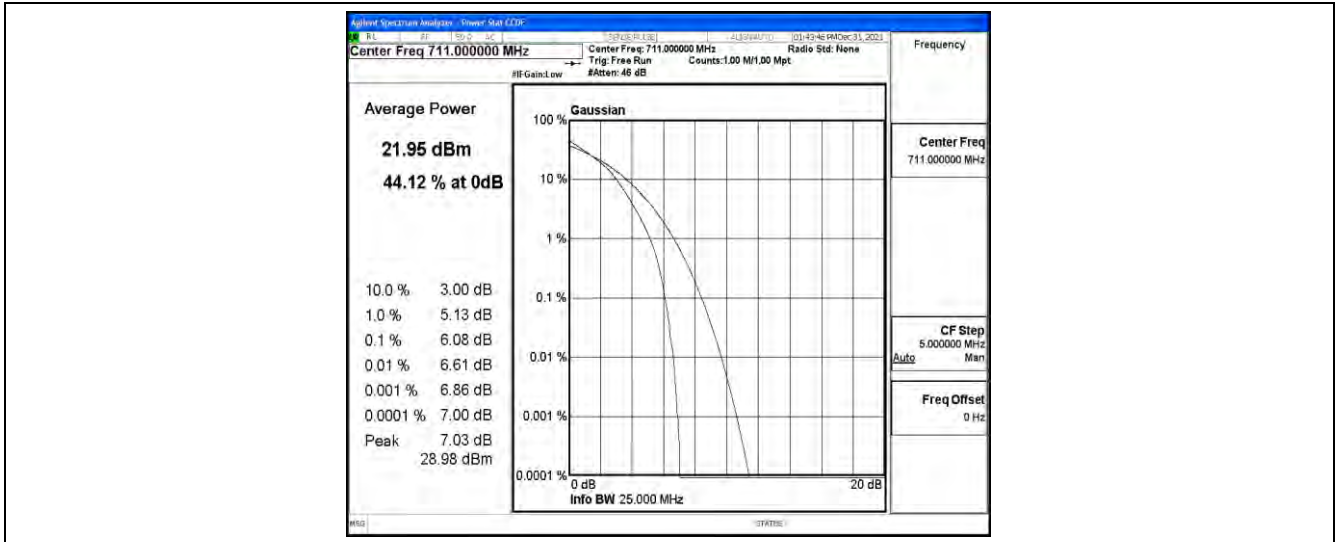
Band12-10MHz-16QAM-23060



Band12-10MHz-16QAM-23095



Band12-10MHz-16QAM-23130





G.3 26dB Bandwidth and Occupied Bandwidth

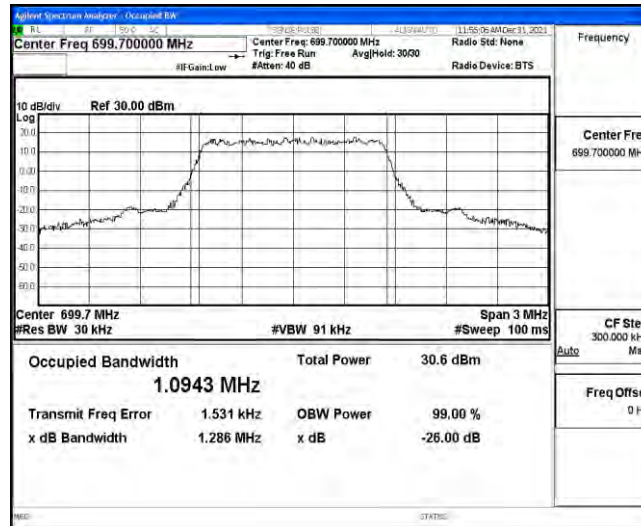
Test Result

Band	Bandwidth	Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	1.0943	1.286	PASS
Band12	1.4MHz	QPSK	23095	1.0964	1.298	PASS
Band12	1.4MHz	QPSK	23173	1.0904	1.277	PASS
Band12	1.4MHz	16QAM	23017	1.0871	1.270	PASS
Band12	1.4MHz	16QAM	23095	1.1012	1.300	PASS
Band12	1.4MHz	16QAM	23173	1.0970	1.285	PASS
Band12	3MHz	QPSK	23025	2.6925	2.980	PASS
Band12	3MHz	QPSK	23095	2.6975	2.979	PASS
Band12	3MHz	QPSK	23165	2.6943	2.970	PASS
Band12	3MHz	16QAM	23025	2.6890	2.963	PASS
Band12	3MHz	16QAM	23095	2.6944	2.964	PASS
Band12	3MHz	16QAM	23165	2.6968	2.962	PASS
Band12	5MHz	QPSK	23035	4.4973	4.940	PASS
Band12	5MHz	QPSK	23095	4.5015	4.988	PASS
Band12	5MHz	QPSK	23155	4.5104	4.992	PASS
Band12	5MHz	16QAM	23035	4.5008	4.992	PASS
Band12	5MHz	16QAM	23095	4.5162	5.053	PASS
Band12	5MHz	16QAM	23155	4.4921	4.965	PASS
Band12	10MHz	QPSK	23060	8.9640	9.920	PASS
Band12	10MHz	QPSK	23095	8.9871	9.929	PASS
Band12	10MHz	QPSK	23130	8.9657	9.842	PASS
Band12	10MHz	16QAM	23060	8.9557	9.923	PASS
Band12	10MHz	16QAM	23095	8.9819	9.867	PASS
Band12	10MHz	16QAM	23130	8.9442	9.868	PASS

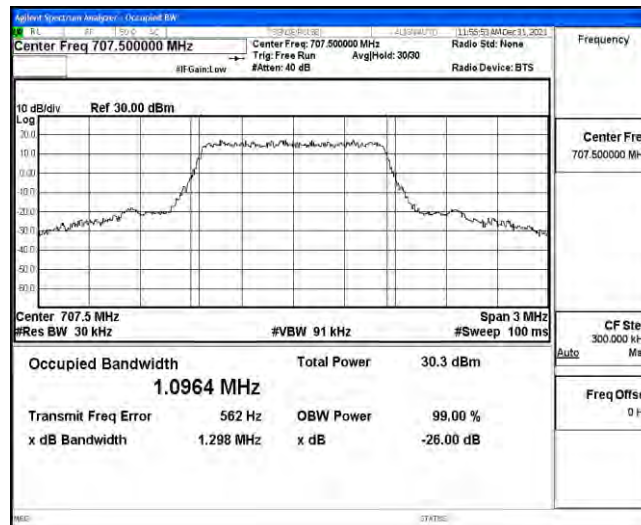


Test Graphs

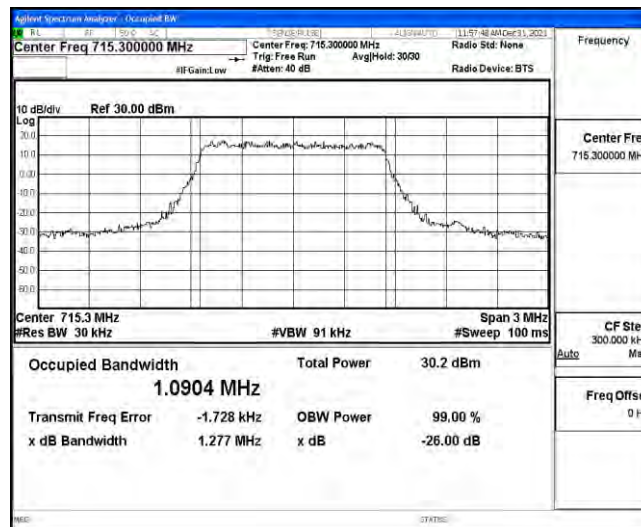
Band12-1.4MHz-QPSK-23017



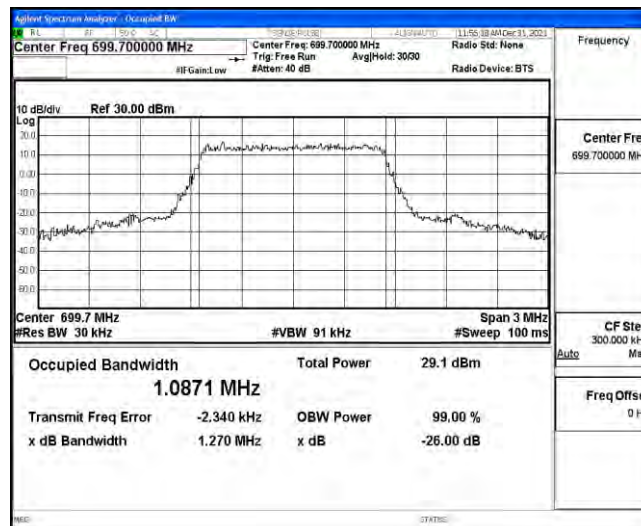
Band12-1.4MHz-QPSK-23095



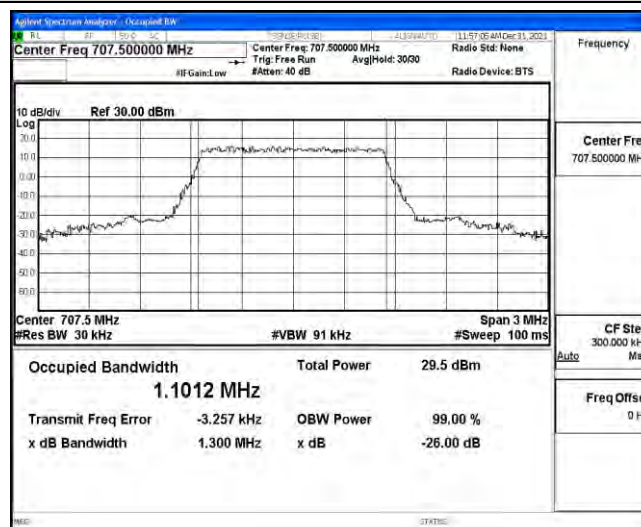
Band12-1.4MHz-QPSK-23173



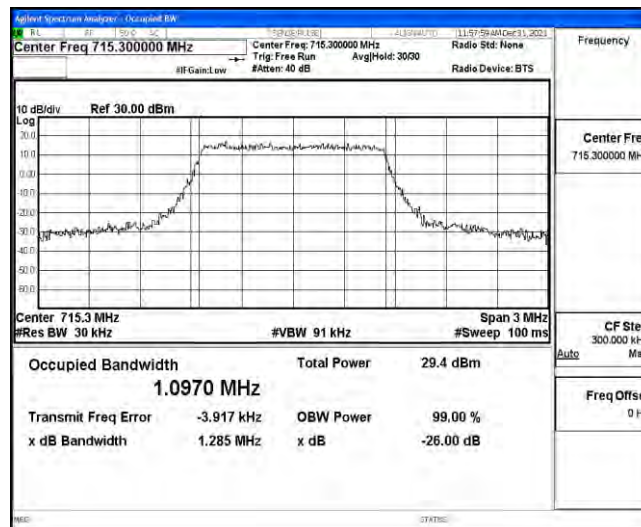
Band12-1.4MHz-16QAM-23017



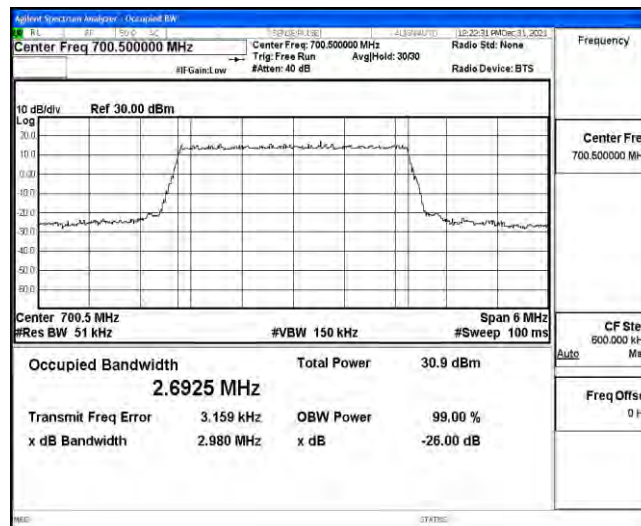
Band12-1.4MHz-16QAM-23095



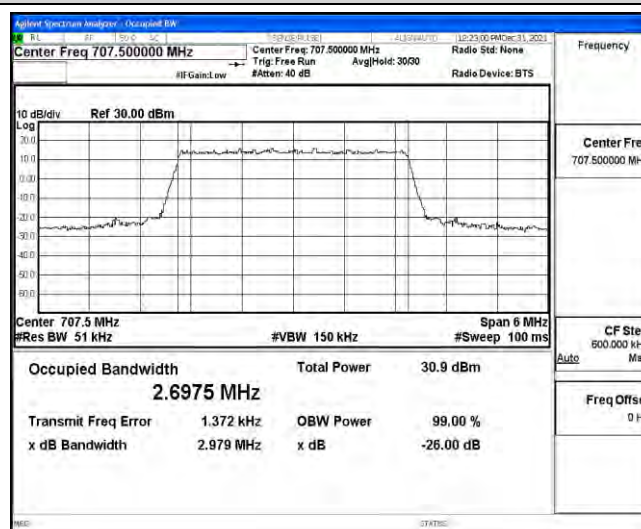
Band12-1.4MHz-16QAM-23173



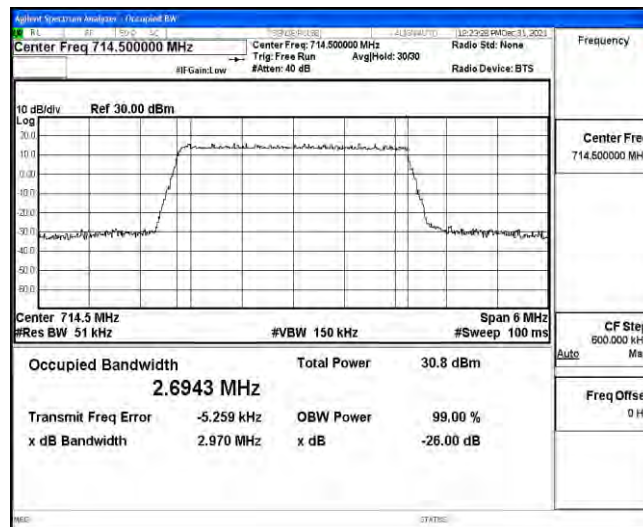
Band12-3MHz-QPSK-23025



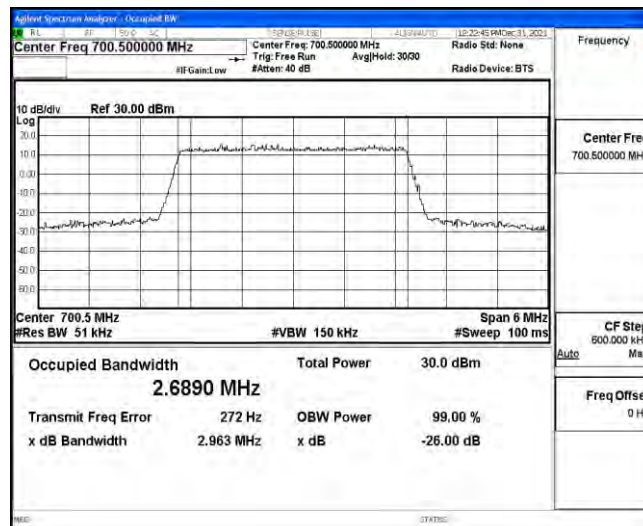
Band12-3MHz-QPSK-23095



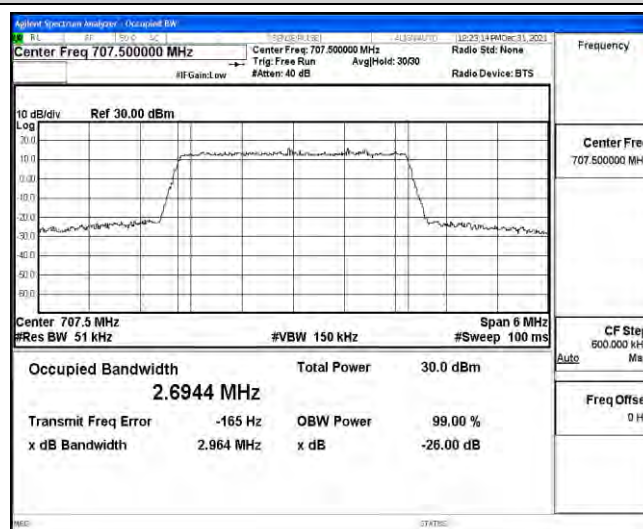
Band12-3MHz-QPSK-23165



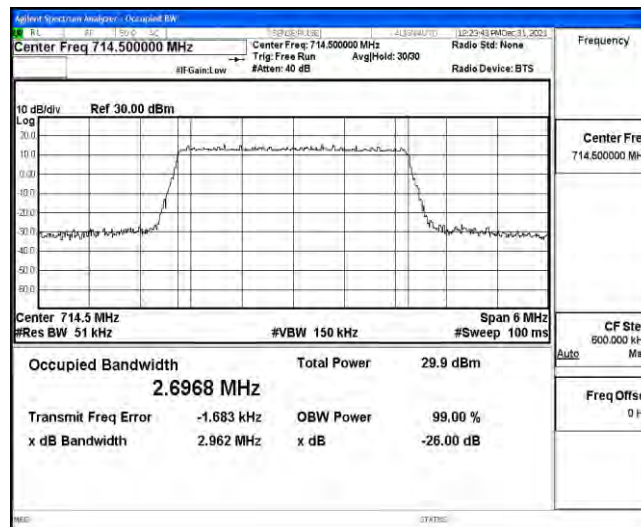
Band12-3MHz-16QAM-23025



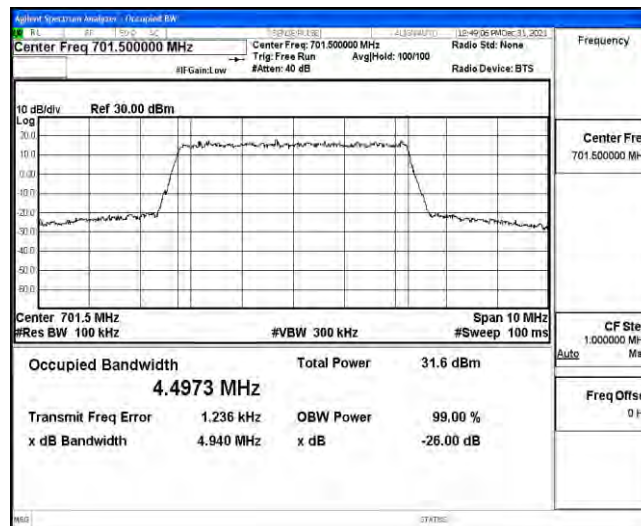
Band12-3MHz-16QAM-23095



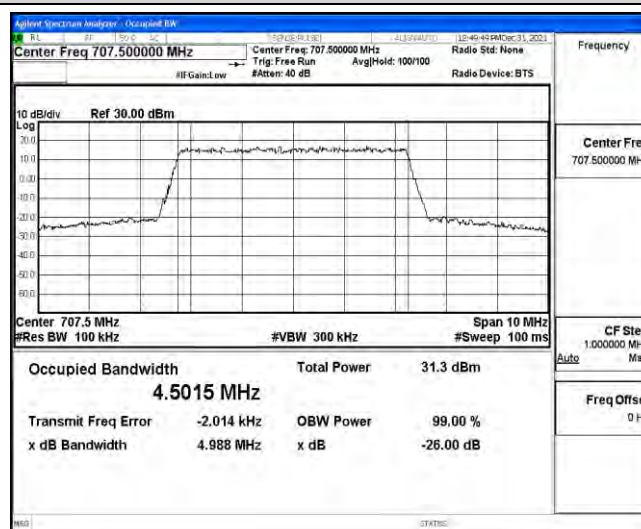
Band12-3MHz-16QAM-23165



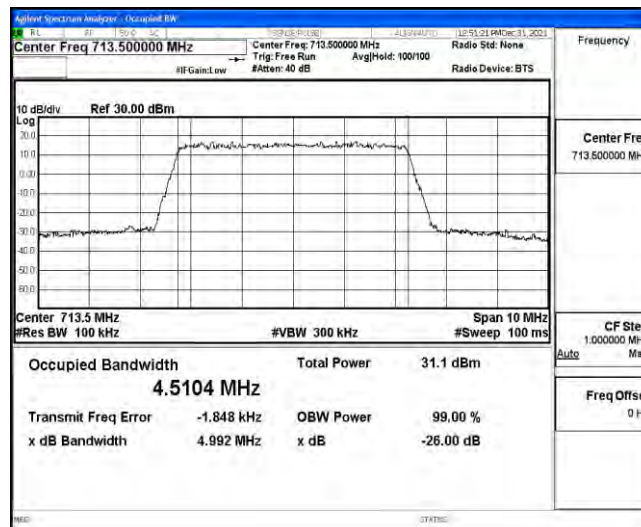
Band12-5MHz-QPSK-23035



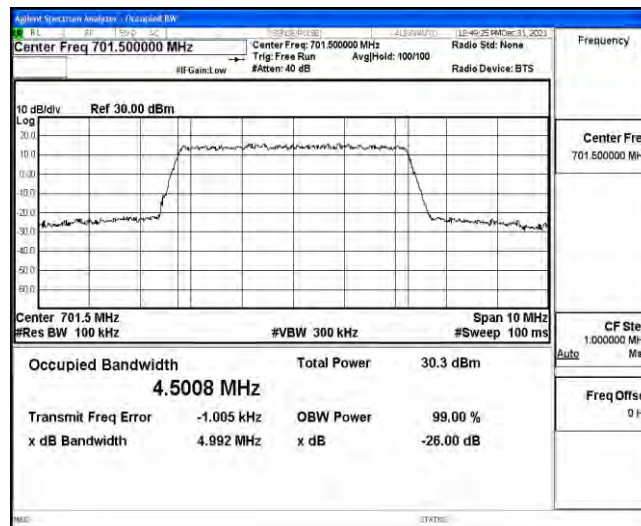
Band12-5MHz-QPSK-23095



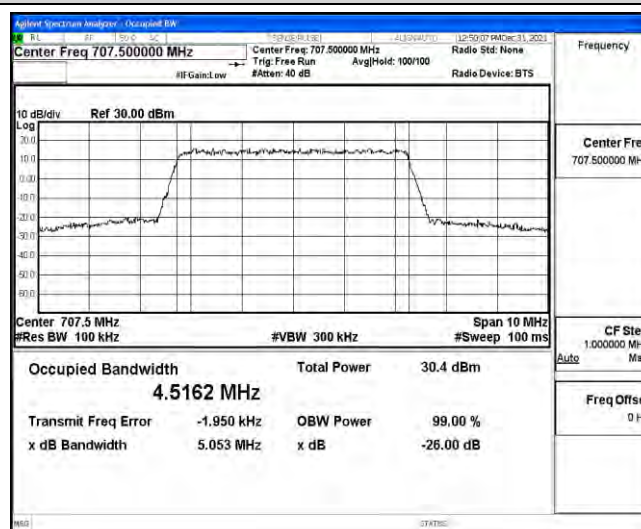
Band12-5MHz-QPSK-23155



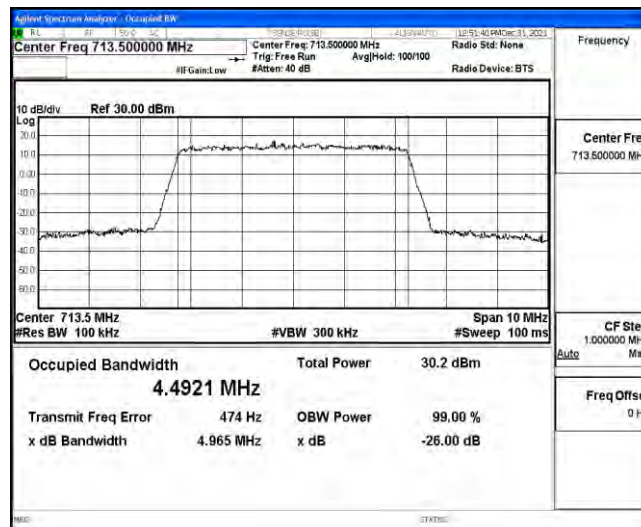
Band12-5MHz-16QAM-23035



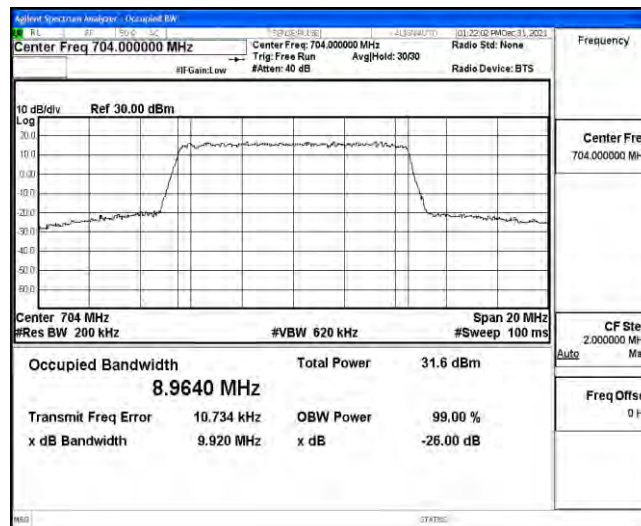
Band12-5MHz-16QAM-23095



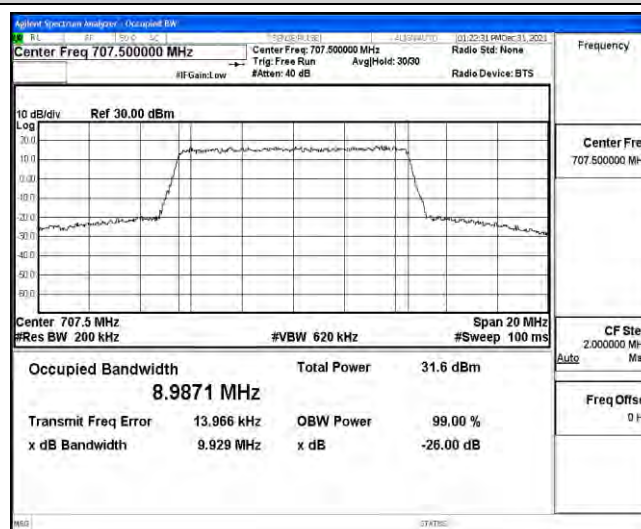
Band12-5MHz-16QAM-23155



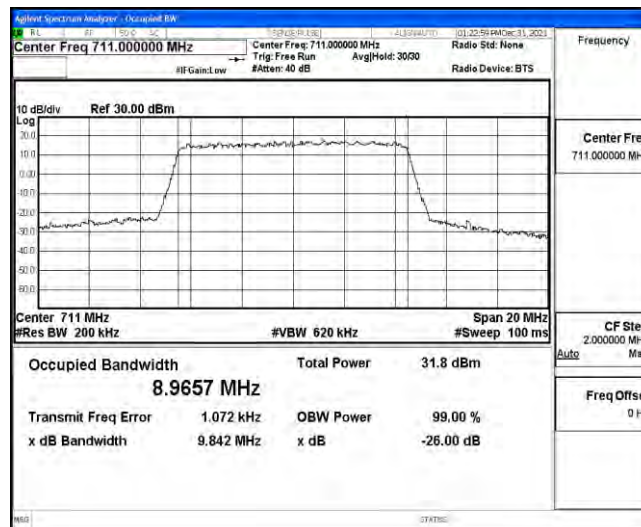
Band12-10MHz-QPSK-23060



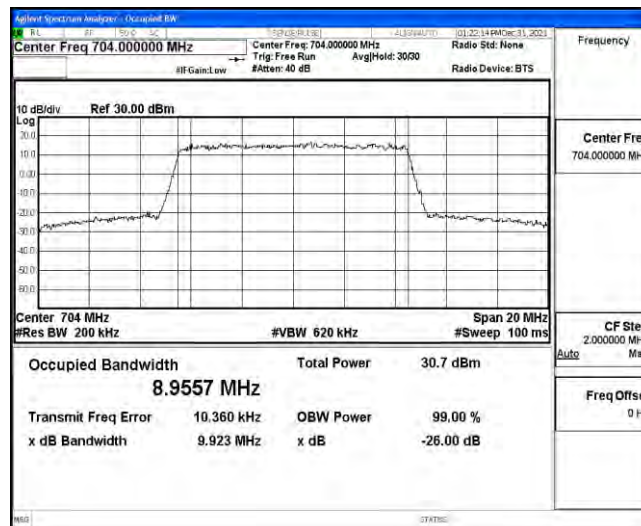
Band12-10MHz-QPSK-23095



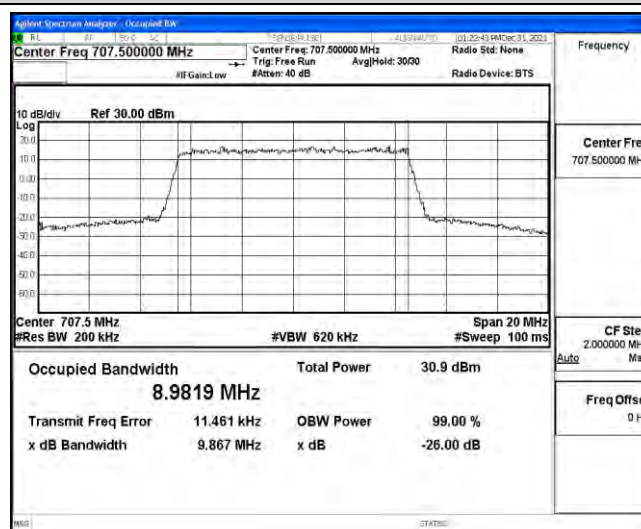
Band12-10MHz-QPSK-23130



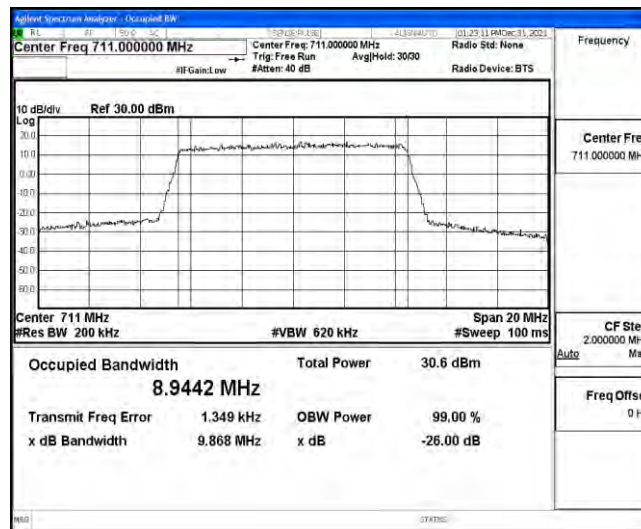
Band12-10MHz-16QAM-23060



Band12-10MHz-16QAM-23095



Band12-10MHz-16QAM-23130





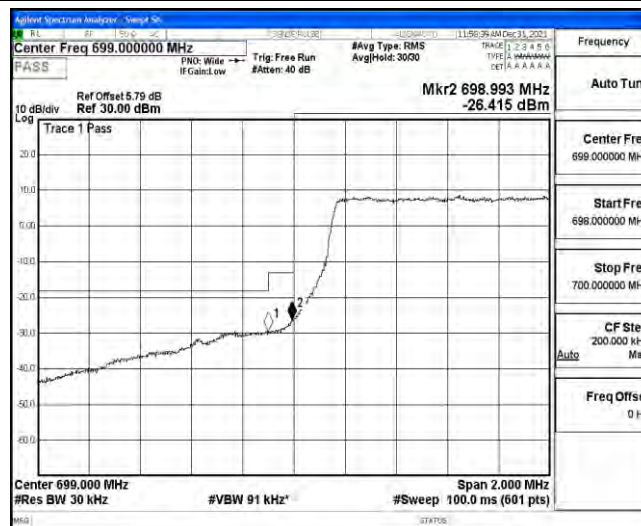
G.4 Band Edge

Test Result

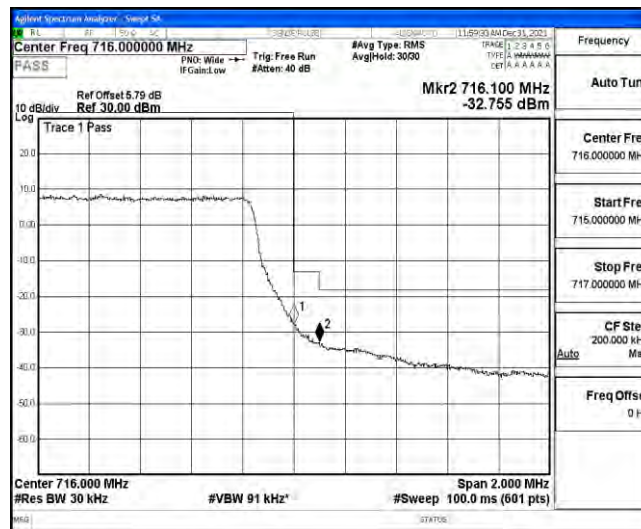
Band	Bandwidth	Modulation	Channel	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	-29.44,-26.41	PASS
Band12	1.4MHz	QPSK	23173	-27.77,-32.75	PASS
Band12	1.4MHz	16QAM	23017	-30.46,-26.68	PASS
Band12	1.4MHz	16QAM	23173	-30.14,-34.39	PASS
Band12	3MHz	QPSK	23025	-29.82,-24.46	PASS
Band12	3MHz	QPSK	23165	-26.07,-35.40	PASS
Band12	3MHz	16QAM	23025	-31.49,-26.75	PASS
Band12	3MHz	16QAM	23165	-28.15,-36.92	PASS
Band12	5MHz	QPSK	23035	-24.05	PASS
Band12	5MHz	QPSK	23155	-26.51	PASS
Band12	5MHz	16QAM	23035	-25.50	PASS
Band12	5MHz	16QAM	23155	-26.88	PASS
Band12	10MHz	QPSK	23060	-28.00,-26.77	PASS
Band12	10MHz	QPSK	23130	-28.27,-30.51	PASS
Band12	10MHz	16QAM	23060	-29.98,-28.92	PASS
Band12	10MHz	16QAM	23130	-29.35,-31.30	PASS

Test Graphs

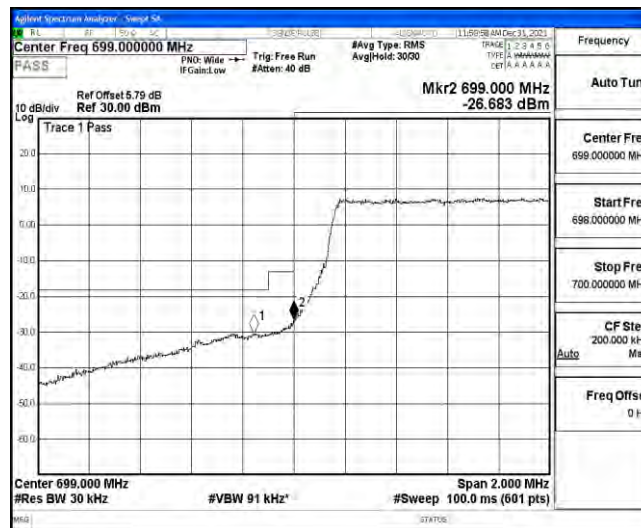
Band12-1.4MHz-QPSK-23017



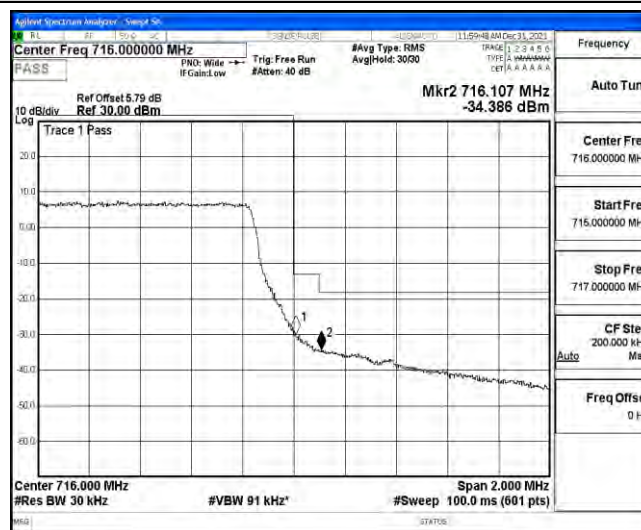
Band12-1.4MHz-QPSK-23173



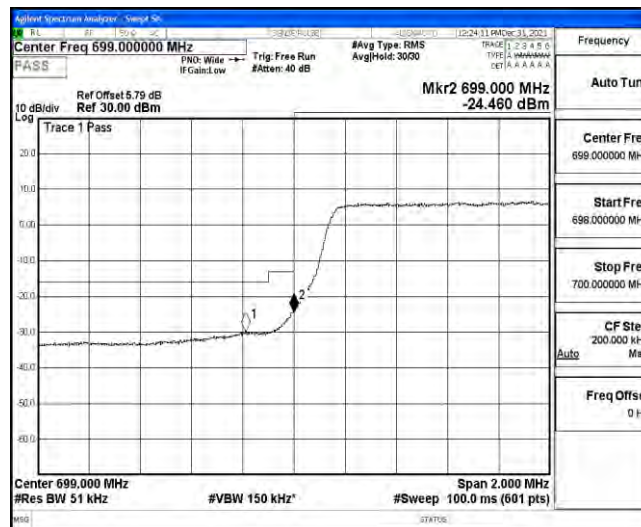
Band12-1.4MHz-16QAM-23017



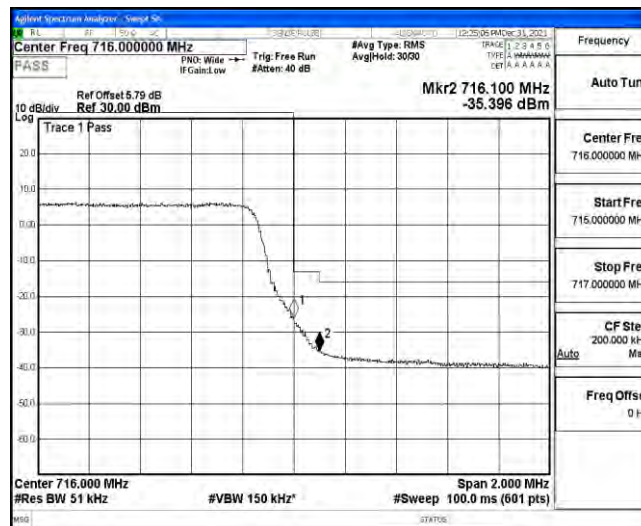
Band12-1.4MHz-16QAM-23173



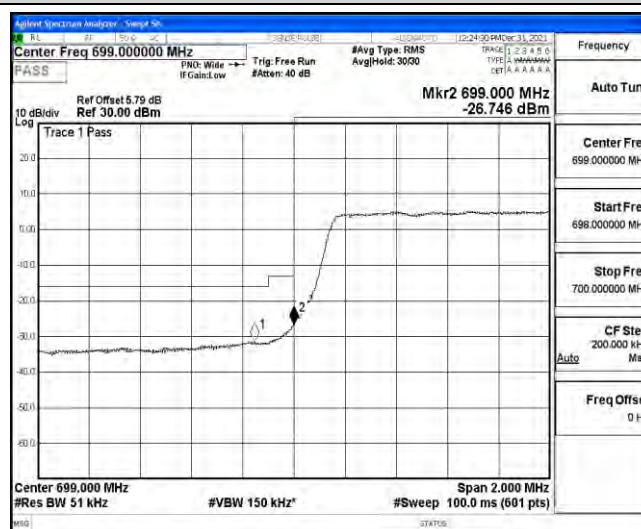
Band12-3MHz-QPSK-23025



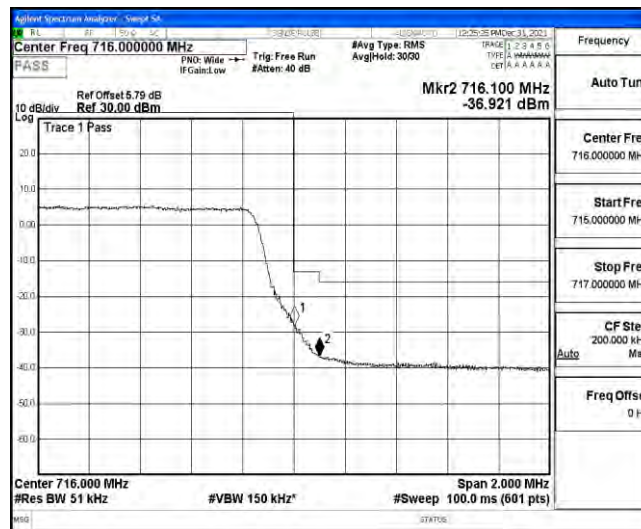
Band12-3MHz-QPSK-23165



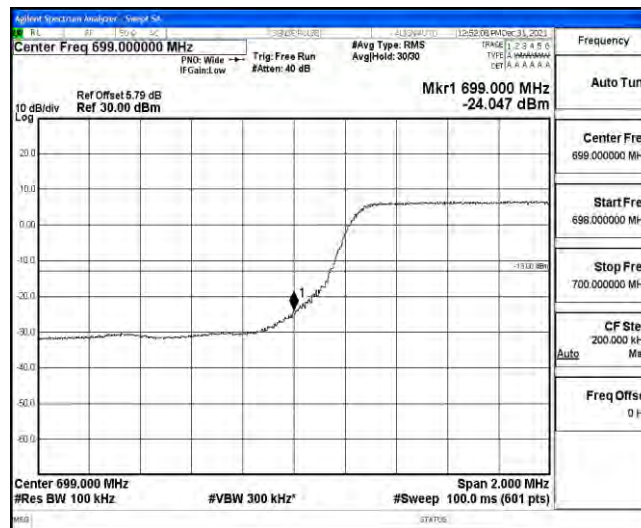
Band12-3MHz-16QAM-23025



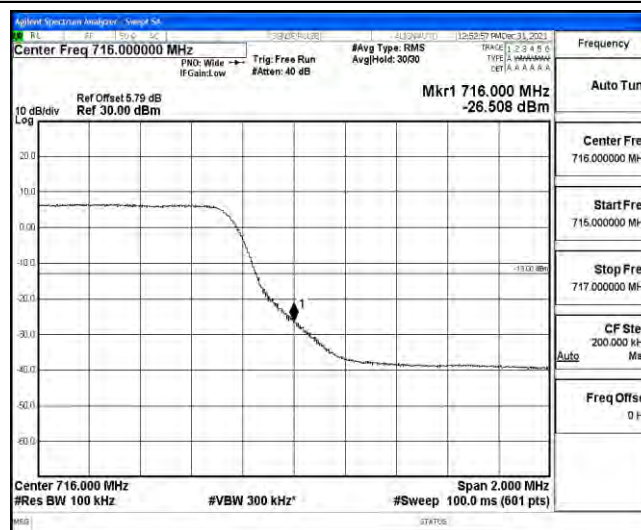
Band12-3MHz-16QAM-23165



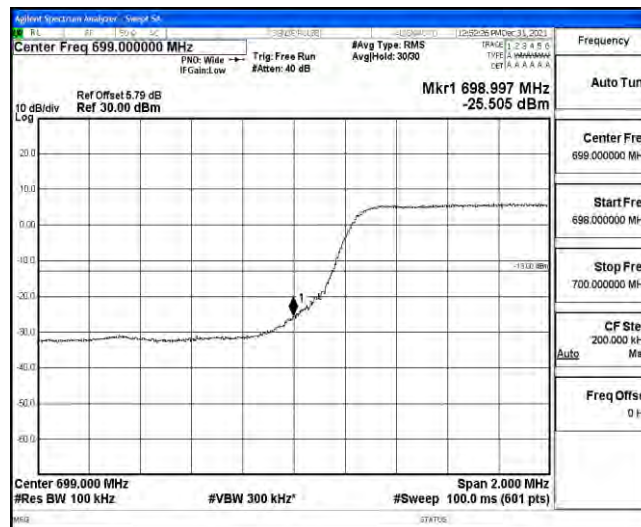
Band12-5MHz-QPSK-23035



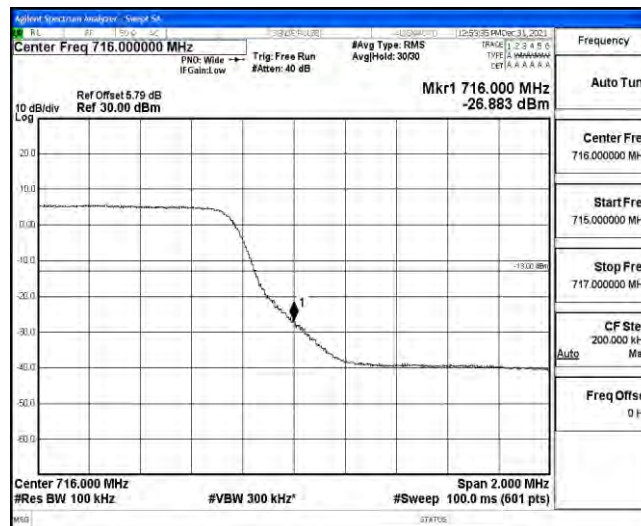
Band12-5MHz-QPSK-23155



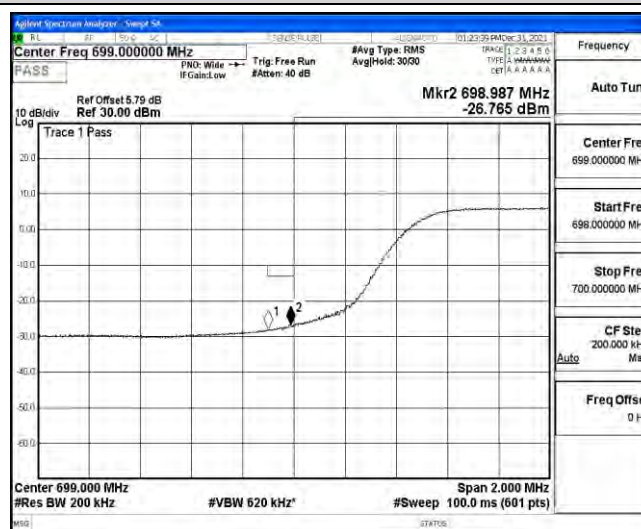
Band12-5MHz-16QAM-23035



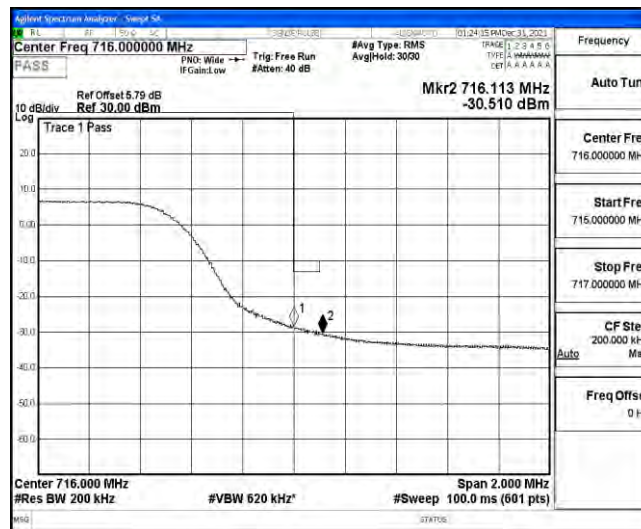
Band12-5MHz-16QAM-23155



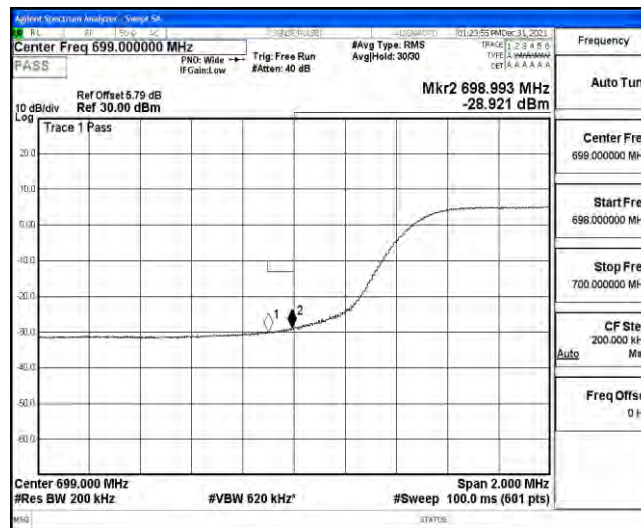
Band12-10MHz-QPSK-23060



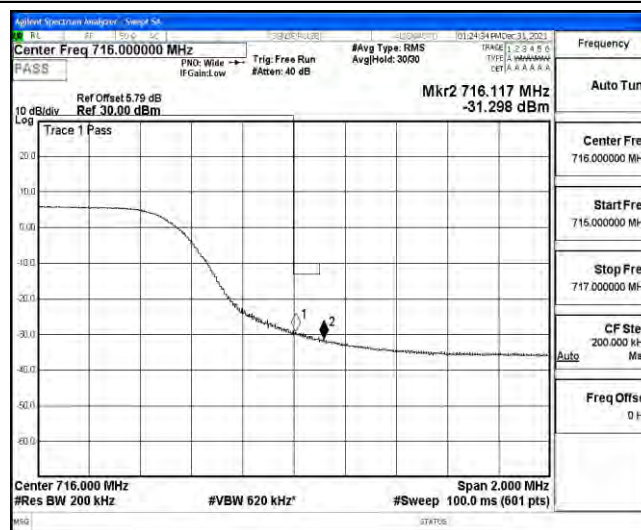
Band12-10MHz-QPSK-23130



Band12-10MHz-16QAM-23060



Band12-10MHz-16QAM-23130





G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	Range1:0.009~0.15MHz	-56.15	PASS
Band12	1.4MHz	QPSK	23017	Range2:0.15~30MHz	-50.33	PASS
Band12	1.4MHz	QPSK	23017	Range3:30~1000MHz	-41.17	PASS
Band12	1.4MHz	QPSK	23017	Range4:1000~10000MHz	-45.42	PASS
Band12	1.4MHz	QPSK	23095	Range1:0.009~0.15MHz	-56.69	PASS
Band12	1.4MHz	QPSK	23095	Range2:0.15~30MHz	-49.98	PASS
Band12	1.4MHz	QPSK	23095	Range3:30~1000MHz	-41.36	PASS
Band12	1.4MHz	QPSK	23095	Range4:1000~10000MHz	-45.47	PASS
Band12	1.4MHz	QPSK	23173	Range1:0.009~0.15MHz	-54.95	PASS
Band12	1.4MHz	QPSK	23173	Range2:0.15~30MHz	-52.09	PASS
Band12	1.4MHz	QPSK	23173	Range3:30~1000MHz	-40.4	PASS
Band12	1.4MHz	QPSK	23173	Range4:1000~10000MHz	-45.52	PASS
Band12	1.4MHz	16QAM	23017	Range1:0.009~0.15MHz	-55.23	PASS
Band12	1.4MHz	16QAM	23017	Range2:0.15~30MHz	-51.65	PASS
Band12	1.4MHz	16QAM	23017	Range3:30~1000MHz	-41.13	PASS
Band12	1.4MHz	16QAM	23017	Range4:1000~10000MHz	-45.49	PASS
Band12	1.4MHz	16QAM	23095	Range1:0.009~0.15MHz	-56.98	PASS
Band12	1.4MHz	16QAM	23095	Range2:0.15~30MHz	-52.6	PASS
Band12	1.4MHz	16QAM	23095	Range3:30~1000MHz	-41.22	PASS
Band12	1.4MHz	16QAM	23095	Range4:1000~10000MHz	-45.52	PASS
Band12	1.4MHz	16QAM	23173	Range1:0.009~0.15MHz	-55.25	PASS
Band12	1.4MHz	16QAM	23173	Range2:0.15~30MHz	-49.95	PASS
Band12	1.4MHz	16QAM	23173	Range3:30~1000MHz	-41.19	PASS
Band12	1.4MHz	16QAM	23173	Range4:1000~10000MHz	-45.46	PASS
Band12	3MHz	QPSK	23025	Range1:0.009~0.15MHz	-53.98	PASS
Band12	3MHz	QPSK	23025	Range2:0.15~30MHz	-51.09	PASS
Band12	3MHz	QPSK	23025	Range3:30~1000MHz	-40.82	PASS
Band12	3MHz	QPSK	23025	Range4:1000~10000MHz	-45.47	PASS
Band12	3MHz	QPSK	23095	Range1:0.009~0.15MHz	-55.32	PASS
Band12	3MHz	QPSK	23095	Range2:0.15~30MHz	-52.19	PASS
Band12	3MHz	QPSK	23095	Range3:30~1000MHz	-40.72	PASS
Band12	3MHz	QPSK	23095	Range4:1000~10000MHz	-45.38	PASS
Band12	3MHz	QPSK	23165	Range1:0.009~0.15MHz	-54.49	PASS
Band12	3MHz	QPSK	23165	Range2:0.15~30MHz	-53.46	PASS
Band12	3MHz	QPSK	23165	Range3:30~1000MHz	-40.09	PASS



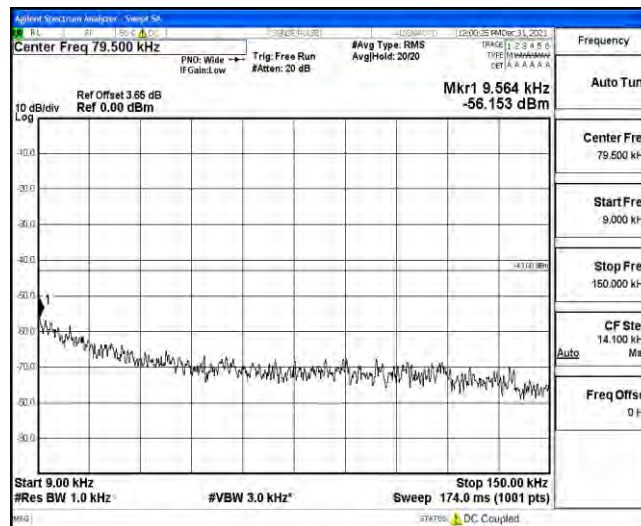
Band12	3MHz	QPSK	23165	Range4:1000~10000MHz	-45.35	PASS
Band12	3MHz	16QAM	23025	Range1:0.009~0.15MHz	-57.8	PASS
Band12	3MHz	16QAM	23025	Range2:0.15~30MHz	-51.36	PASS
Band12	3MHz	16QAM	23025	Range3:30~1000MHz	-41.43	PASS
Band12	3MHz	16QAM	23025	Range4:1000~10000MHz	-45.23	PASS
Band12	3MHz	16QAM	23095	Range1:0.009~0.15MHz	-56.03	PASS
Band12	3MHz	16QAM	23095	Range2:0.15~30MHz	-50.2	PASS
Band12	3MHz	16QAM	23095	Range3:30~1000MHz	-40.69	PASS
Band12	3MHz	16QAM	23095	Range4:1000~10000MHz	-45.32	PASS
Band12	3MHz	16QAM	23165	Range1:0.009~0.15MHz	-56.12	PASS
Band12	3MHz	16QAM	23165	Range2:0.15~30MHz	-51.23	PASS
Band12	3MHz	16QAM	23165	Range3:30~1000MHz	-39.88	PASS
Band12	3MHz	16QAM	23165	Range4:1000~10000MHz	-45.56	PASS
Band12	5MHz	QPSK	23035	Range1:0.009~0.15MHz	-55.49	PASS
Band12	5MHz	QPSK	23035	Range2:0.15~30MHz	-53.29	PASS
Band12	5MHz	QPSK	23035	Range3:30~1000MHz	-40.6	PASS
Band12	5MHz	QPSK	23035	Range4:1000~10000MHz	-45.48	PASS
Band12	5MHz	QPSK	23095	Range1:0.009~0.15MHz	-55.59	PASS
Band12	5MHz	QPSK	23095	Range2:0.15~30MHz	-51.24	PASS
Band12	5MHz	QPSK	23095	Range3:30~1000MHz	-41.28	PASS
Band12	5MHz	QPSK	23095	Range4:1000~10000MHz	-45.35	PASS
Band12	5MHz	QPSK	23155	Range1:0.009~0.15MHz	-55.88	PASS
Band12	5MHz	QPSK	23155	Range2:0.15~30MHz	-51.91	PASS
Band12	5MHz	QPSK	23155	Range3:30~1000MHz	-41.41	PASS
Band12	5MHz	QPSK	23155	Range4:1000~10000MHz	-45.33	PASS
Band12	5MHz	16QAM	23035	Range1:0.009~0.15MHz	-56.58	PASS
Band12	5MHz	16QAM	23035	Range2:0.15~30MHz	-51.12	PASS
Band12	5MHz	16QAM	23035	Range3:30~1000MHz	-41.47	PASS
Band12	5MHz	16QAM	23035	Range4:1000~10000MHz	-45.3	PASS
Band12	5MHz	16QAM	23095	Range1:0.009~0.15MHz	-56.15	PASS
Band12	5MHz	16QAM	23095	Range2:0.15~30MHz	-52.06	PASS
Band12	5MHz	16QAM	23095	Range3:30~1000MHz	-41.02	PASS
Band12	5MHz	16QAM	23095	Range4:1000~10000MHz	-45.49	PASS
Band12	5MHz	16QAM	23155	Range1:0.009~0.15MHz	-56.54	PASS
Band12	5MHz	16QAM	23155	Range2:0.15~30MHz	-50.39	PASS
Band12	5MHz	16QAM	23155	Range3:30~1000MHz	-41.4	PASS
Band12	5MHz	16QAM	23155	Range4:1000~10000MHz	-45.54	PASS
Band12	10MHz	QPSK	23060	Range1:0.009~0.15MHz	-55.02	PASS
Band12	10MHz	QPSK	23060	Range2:0.15~30MHz	-50.61	PASS
Band12	10MHz	QPSK	23060	Range3:30~1000MHz	-41.52	PASS
Band12	10MHz	QPSK	23060	Range4:1000~10000MHz	-45.4	PASS
Band12	10MHz	QPSK	23095	Range1:0.009~0.15MHz	-56.74	PASS
Band12	10MHz	QPSK	23095	Range2:0.15~30MHz	-50.9	PASS



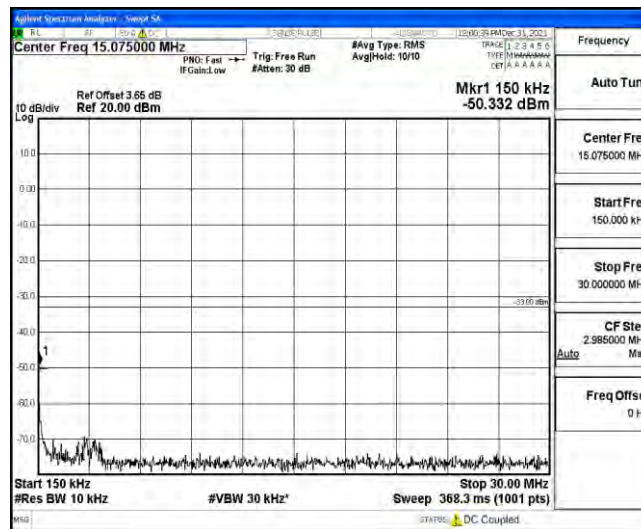
Band12	10MHz	QPSK	23095	Range3:30~1000MHz	-41.09	PASS
Band12	10MHz	QPSK	23095	Range4:1000~10000MHz	-45.46	PASS
Band12	10MHz	QPSK	23130	Range1:0.009~0.15MHz	-55.4	PASS
Band12	10MHz	QPSK	23130	Range2:0.15~30MHz	-53.42	PASS
Band12	10MHz	QPSK	23130	Range3:30~1000MHz	-41.42	PASS
Band12	10MHz	QPSK	23130	Range4:1000~10000MHz	-45.37	PASS
Band12	10MHz	16QAM	23060	Range1:0.009~0.15MHz	-55.49	PASS
Band12	10MHz	16QAM	23060	Range2:0.15~30MHz	-51.41	PASS
Band12	10MHz	16QAM	23060	Range3:30~1000MHz	-41.49	PASS
Band12	10MHz	16QAM	23060	Range4:1000~10000MHz	-45.41	PASS
Band12	10MHz	16QAM	23095	Range1:0.009~0.15MHz	-56.49	PASS
Band12	10MHz	16QAM	23095	Range2:0.15~30MHz	-50.82	PASS
Band12	10MHz	16QAM	23095	Range3:30~1000MHz	-41.12	PASS
Band12	10MHz	16QAM	23095	Range4:1000~10000MHz	-45.24	PASS
Band12	10MHz	16QAM	23130	Range1:0.009~0.15MHz	-56.09	PASS
Band12	10MHz	16QAM	23130	Range2:0.15~30MHz	-51.25	PASS
Band12	10MHz	16QAM	23130	Range3:30~1000MHz	-41.65	PASS
Band12	10MHz	16QAM	23130	Range4:1000~10000MHz	-45.41	PASS

Test Graphs

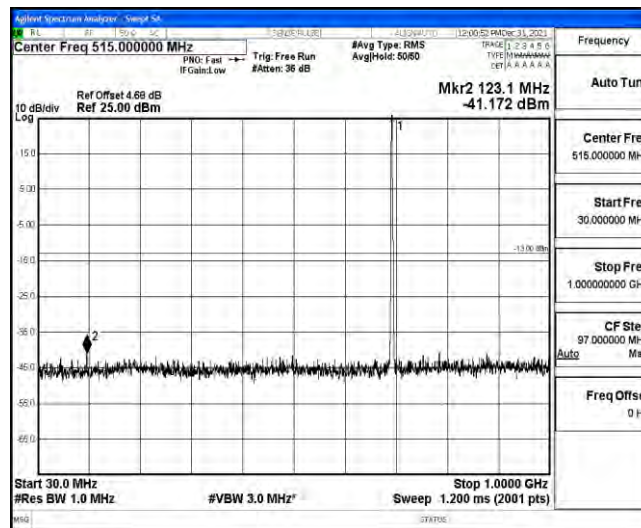
Band12-1.4MHz-QPSK-23017-Range1:0.009~0.15MHz



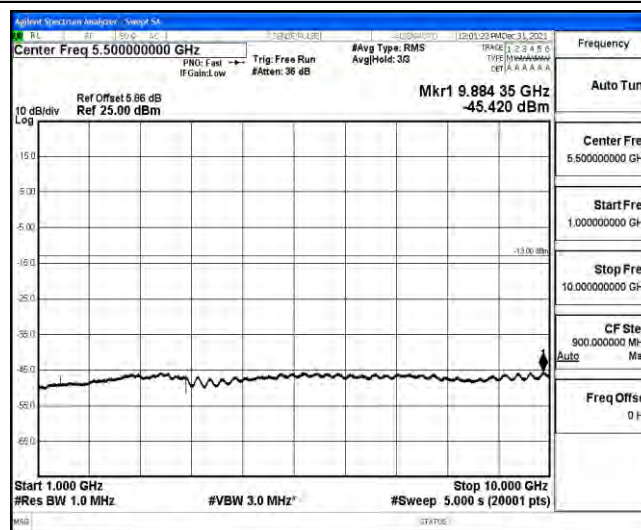
Band12-1.4MHz-QPSK-23017-Range2:0.15~30MHz



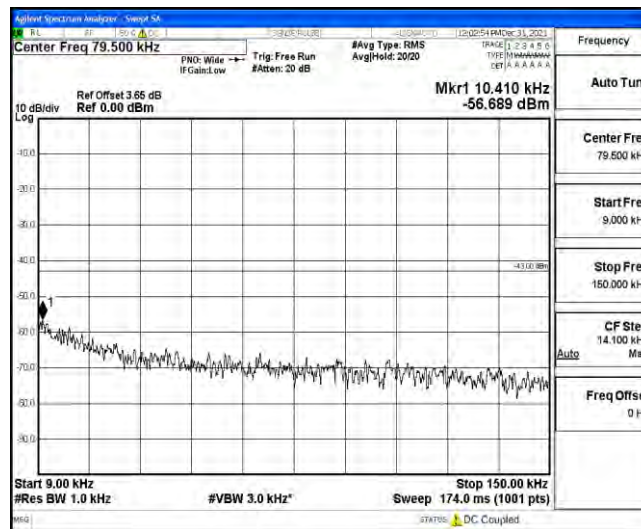
Band12-1.4MHz-QPSK-23017-Range3:30~1000MHz



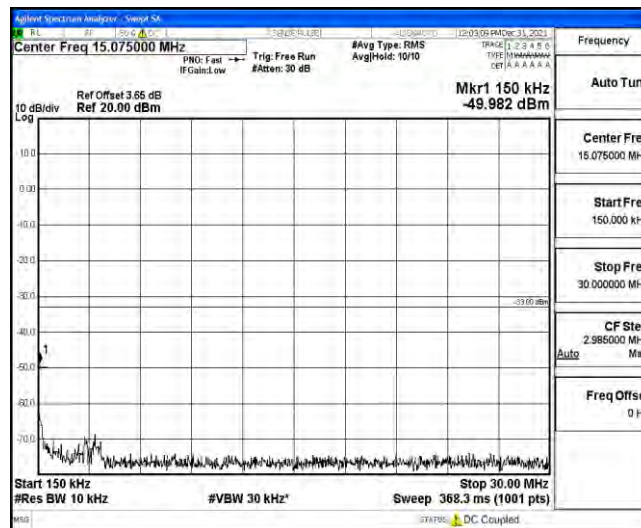
Band12-1.4MHz-QPSK-23017-Range4:1000~10000MHz



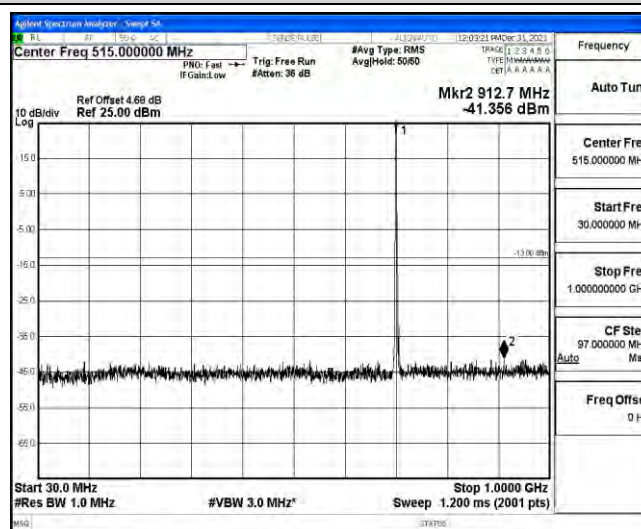
Band12-1.4MHz-QPSK-23095-Range1:0.009~0.15MHz



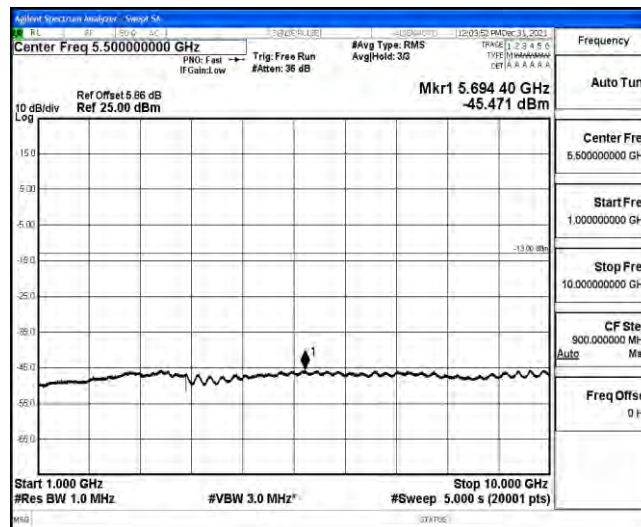
Band12-1.4MHz-QPSK-23095-Range2:0.15~30MHz



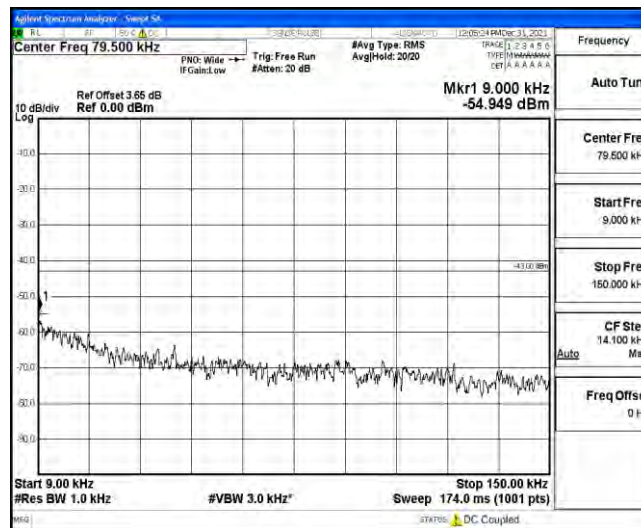
Band12-1.4MHz-QPSK-23095-Range3:30~1000MHz



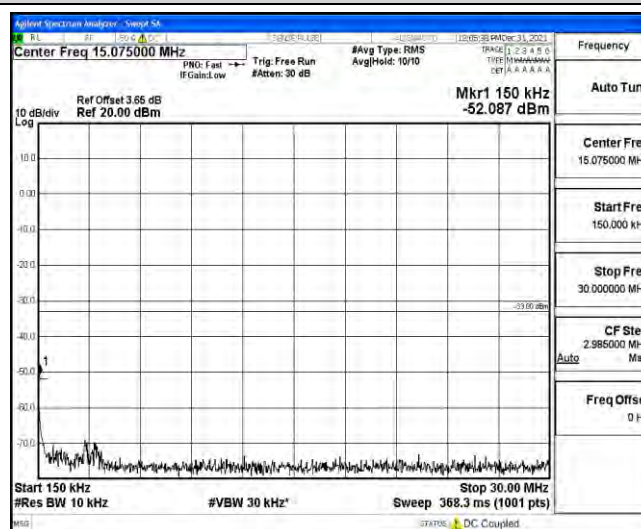
Band12-1.4MHz-QPSK-23095-Range4:1000~10000MHz



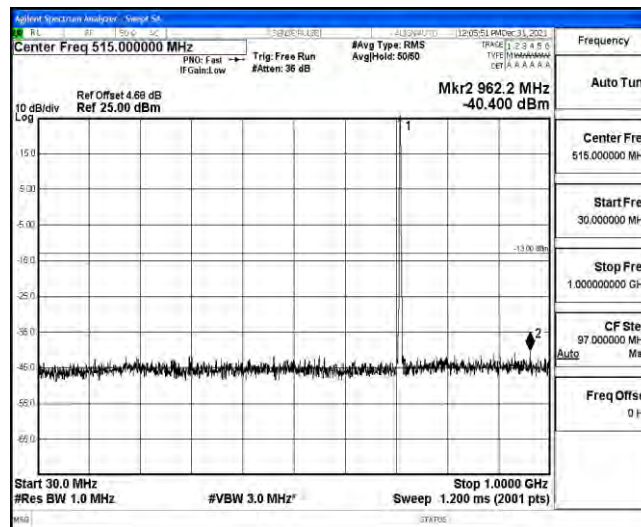
Band12-1.4MHz-QPSK-23173-Range1:0.009~0.15MHz



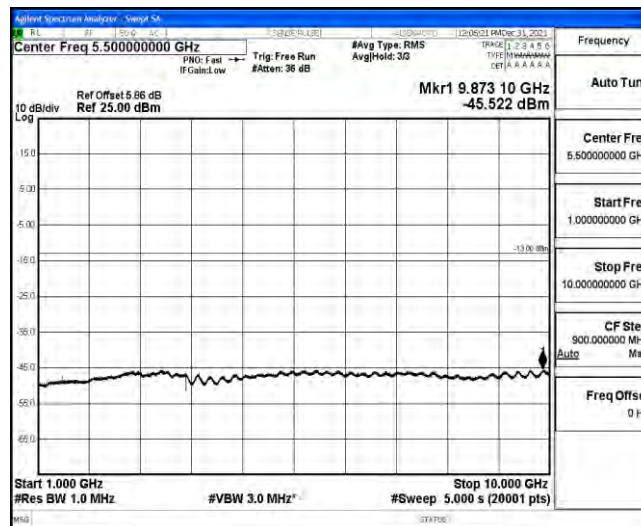
Band12-1.4MHz-QPSK-23173-Range2:0.15~30MHz



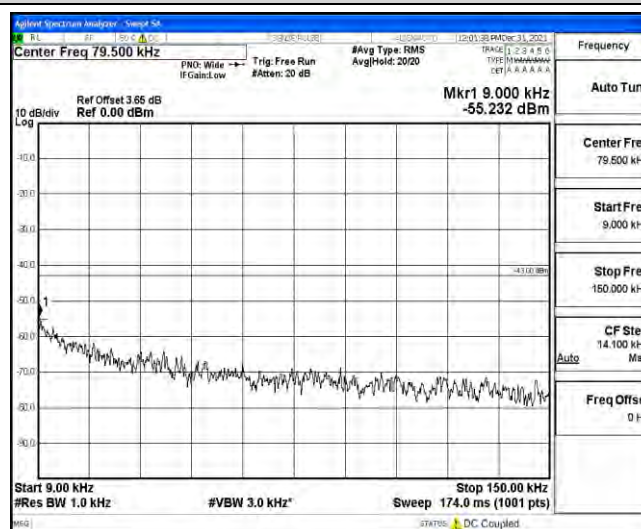
Band12-1.4MHz-QPSK-23173-Range3:30~1000MHz



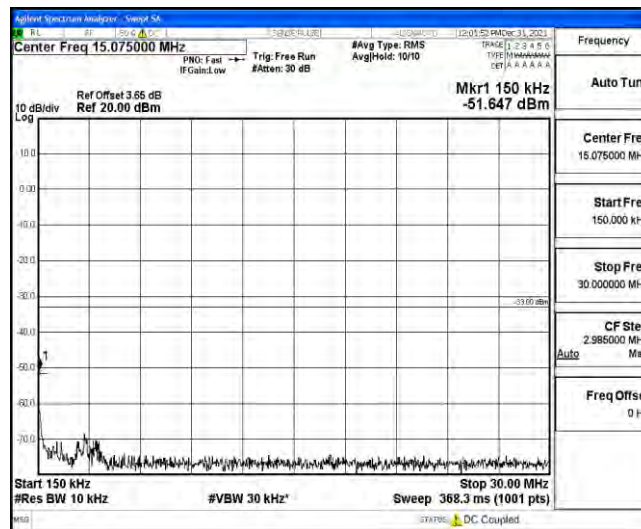
Band12-1.4MHz-QPSK-23173-Range4:1000~10000MHz



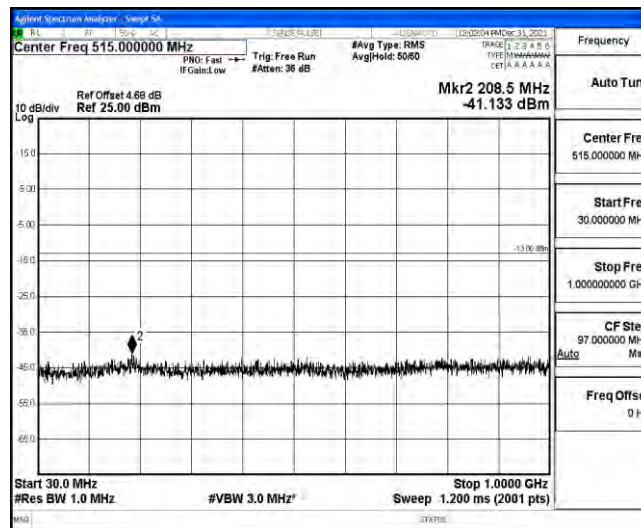
Band12-1.4MHz-16QAM-23017-Range1:0.009~0.15MHz



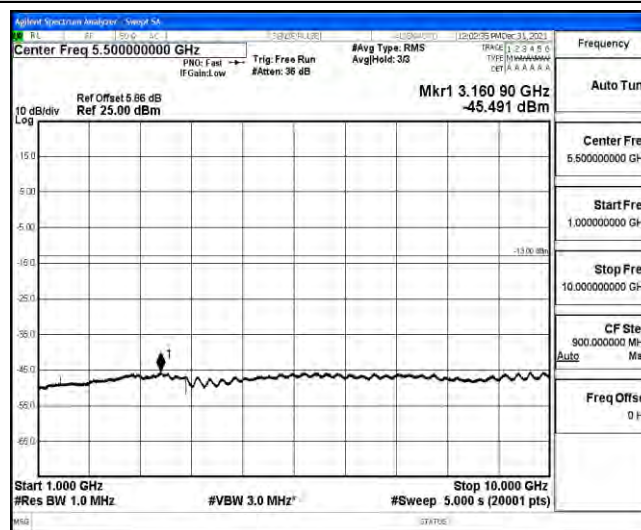
Band12-1.4MHz-16QAM-23017-Range2:0.15~30MHz



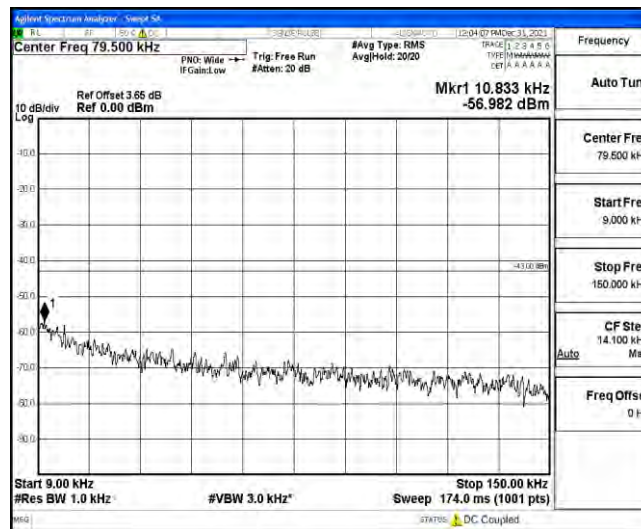
Band12-1.4MHz-16QAM-23017-Range3:30~1000MHz



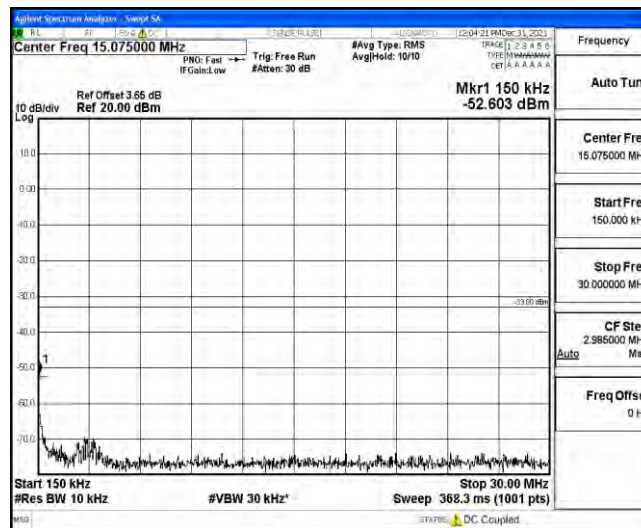
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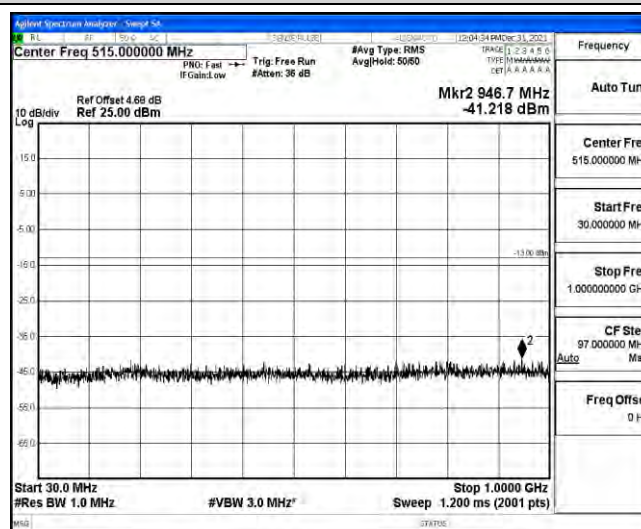
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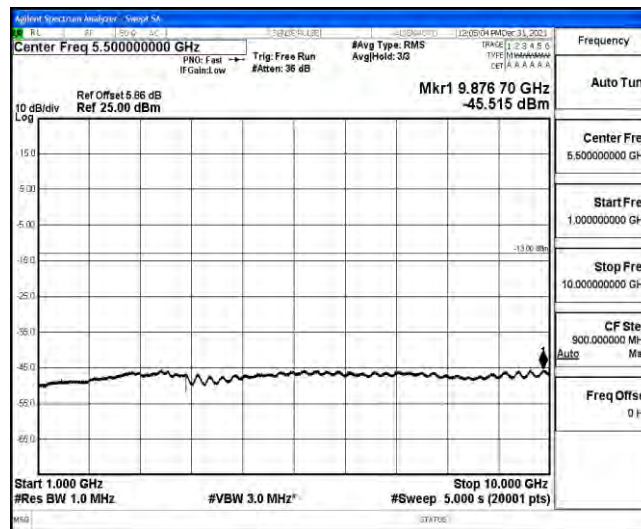
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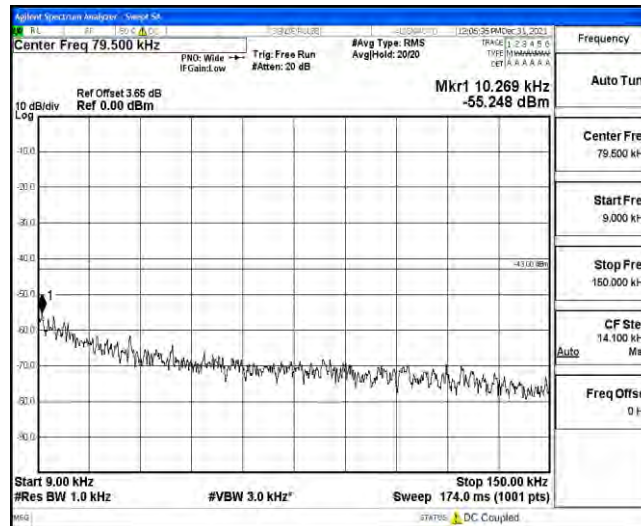
Band12-1.4MHz-16QAM-23095-Range3:30~1000MHz



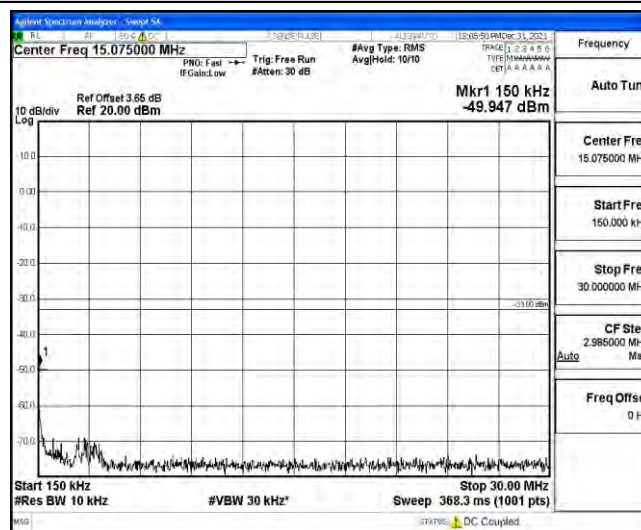
Band12-1.4MHz-16QAM-23095-Range4:1000~10000MHz



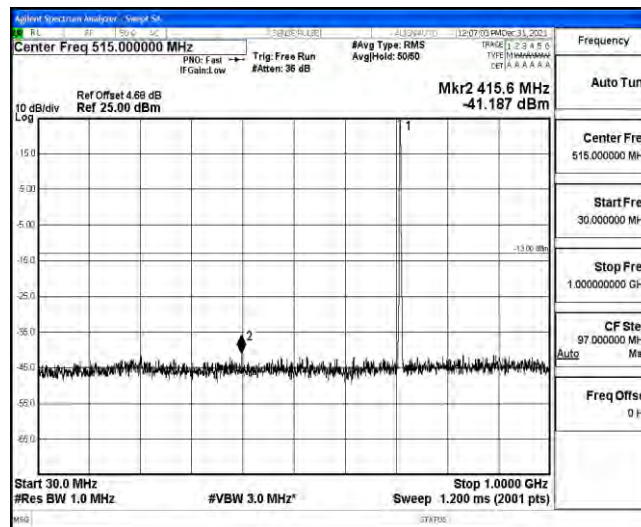
Band12-1.4MHz-16QAM-23173-Range1:0.009~0.15MHz



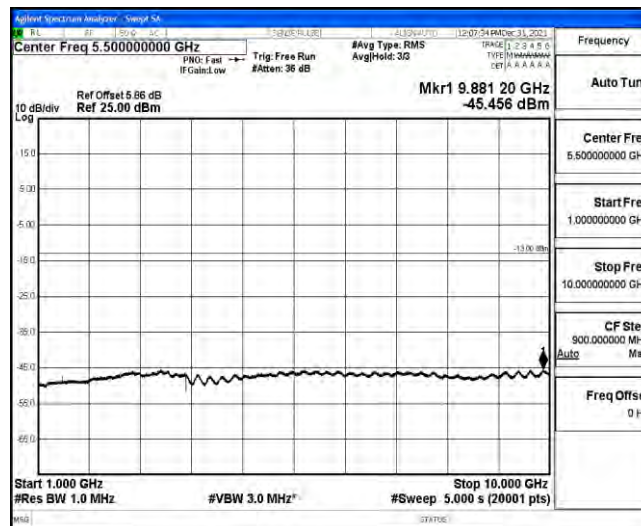
Band12-1.4MHz-16QAM-23173-Range2:0.15~30MHz



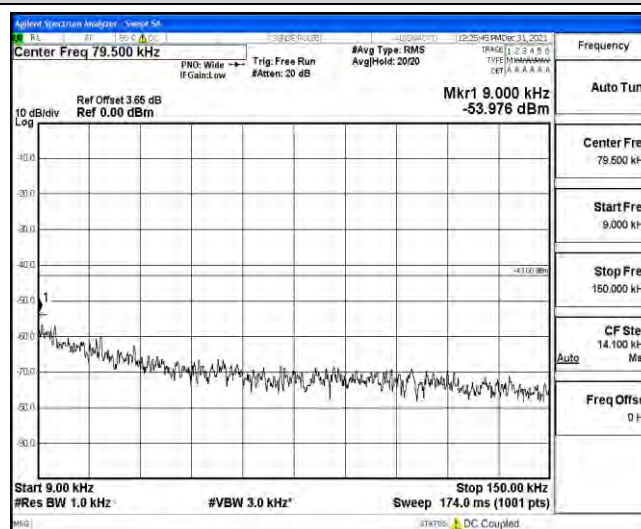
Band12-1.4MHz-16QAM-23173-Range3:30~1000MHz



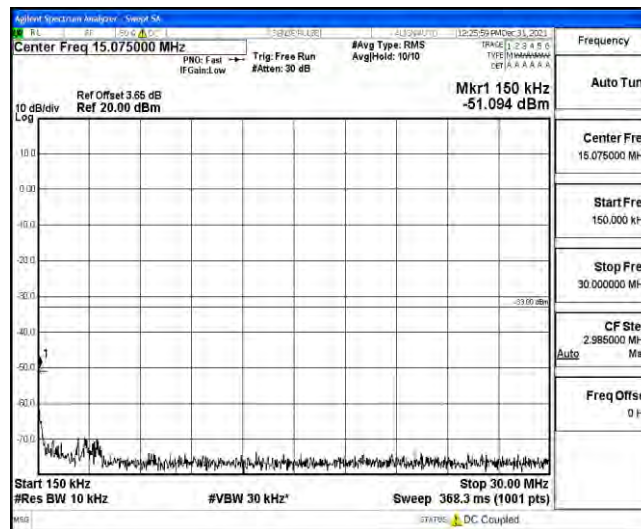
Band12-1.4MHz-16QAM-23173-Range4:1000~10000MHz



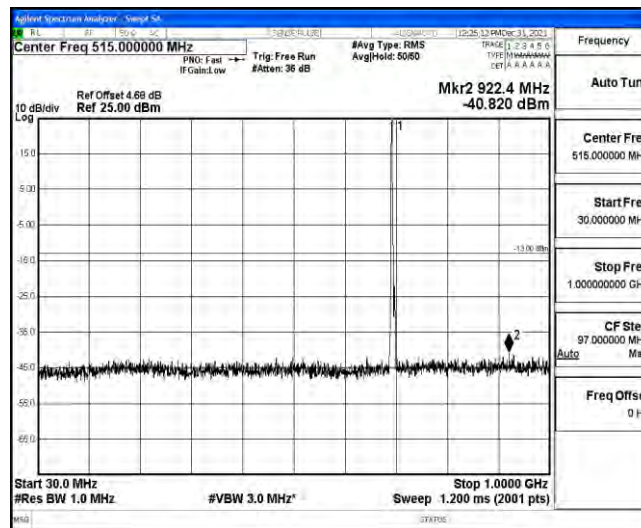
Band12-3MHz-QPSK-23025-Range1:0.009~0.15MHz



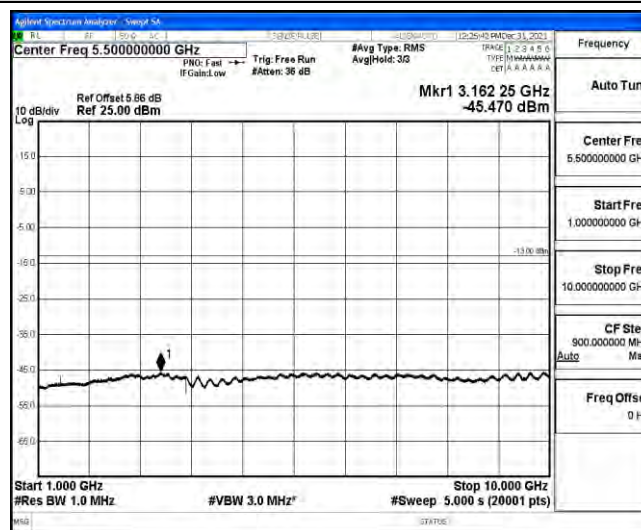
Band12-3MHz-QPSK-23025-Range2:0.15~30MHz



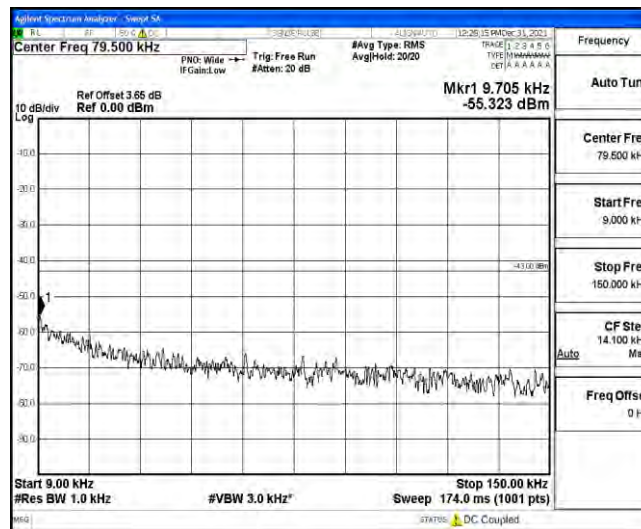
Band12-3MHz-QPSK-23025-Range3:30~1000MHz



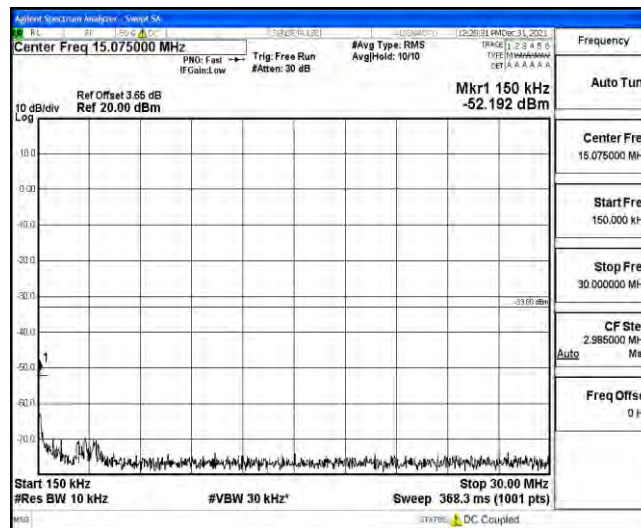
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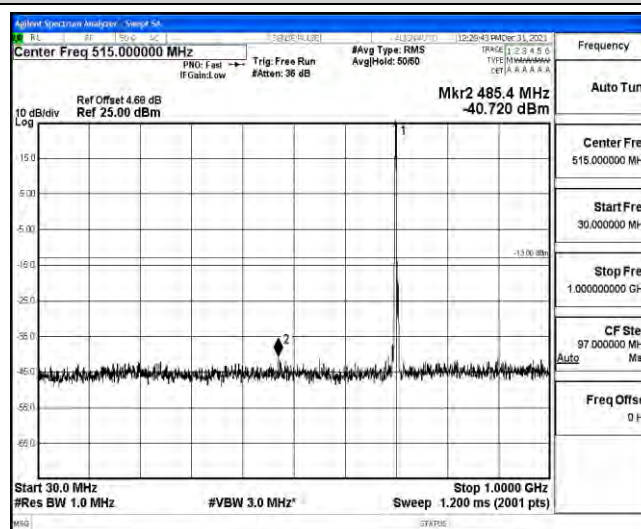
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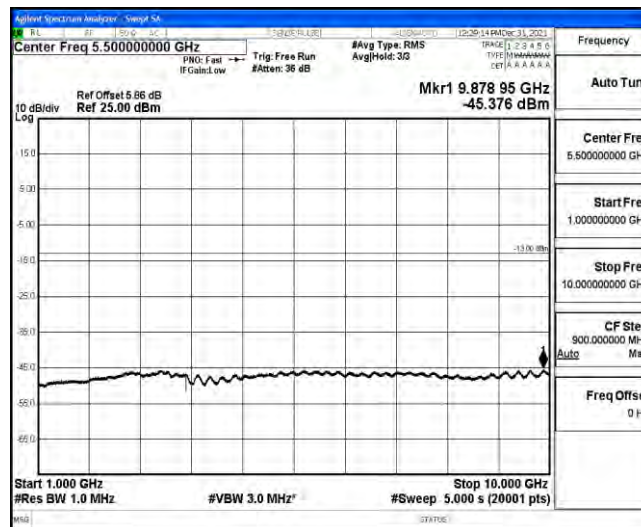
Band12-3MHz-QPSK-23095-Range2:0.15~30MHz



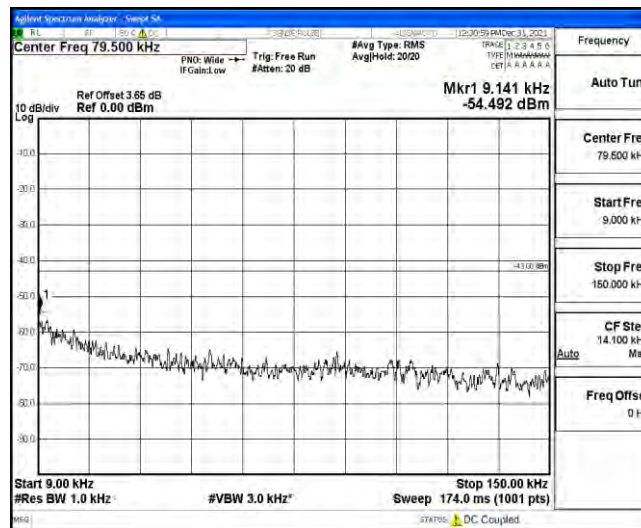
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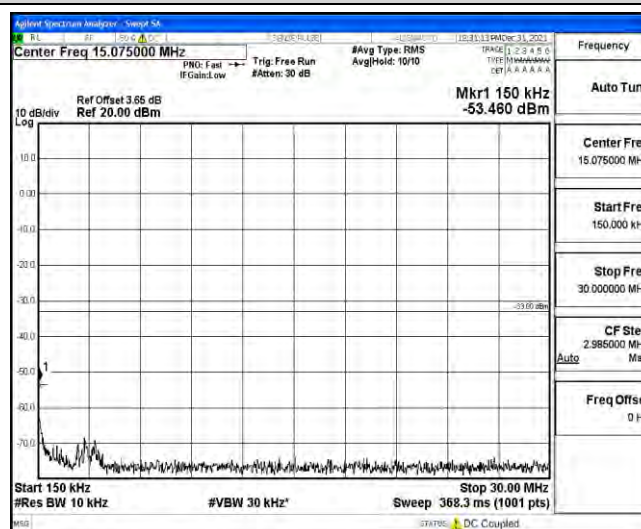
Band12-3MHz-QPSK-23095-Range4:1000~10000MHz



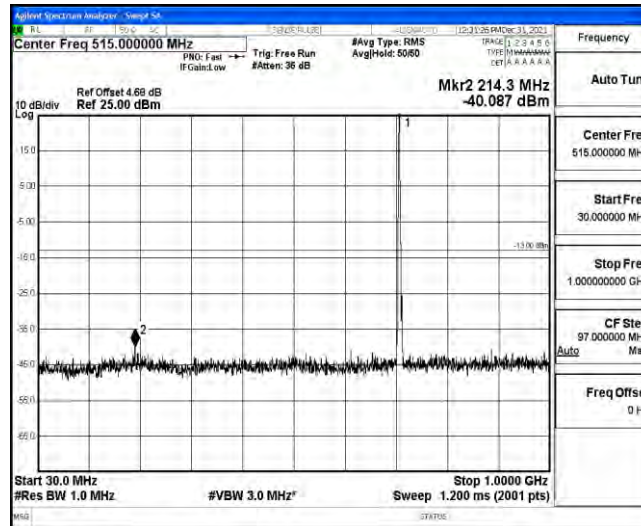
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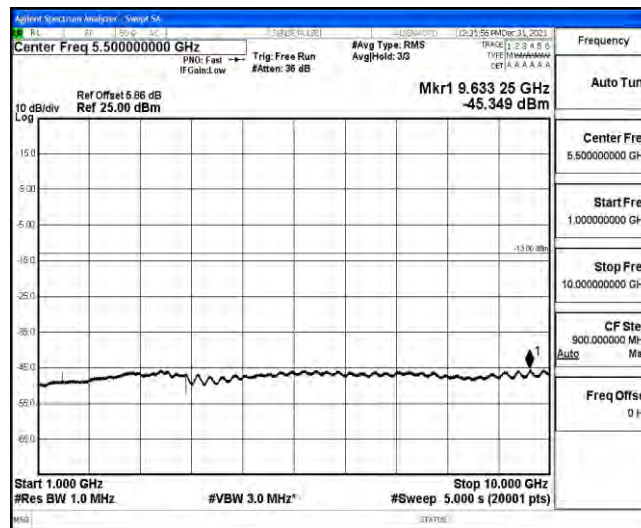
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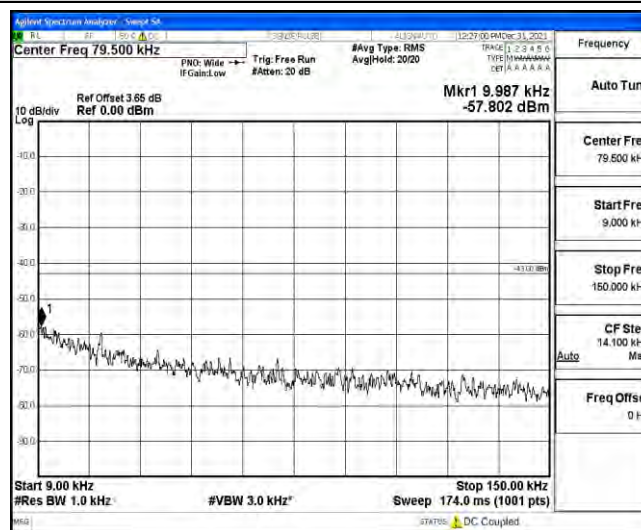
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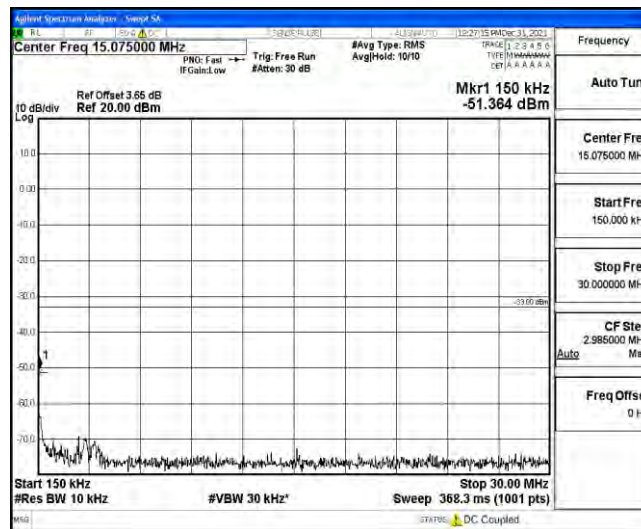
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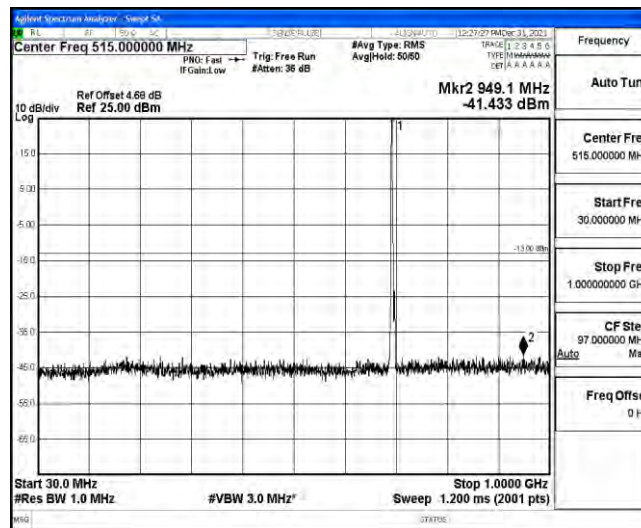
Band12-3MHz-16QAM-23025-Range1:0.009~0.15MHz



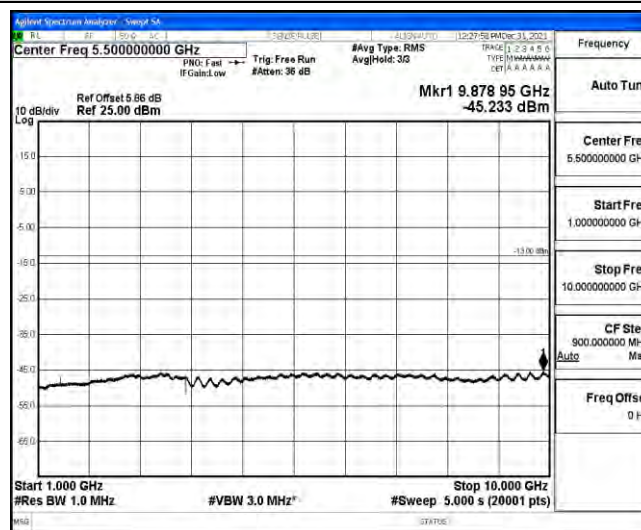
Band12-3MHz-16QAM-23025-Range2:0.15~30MHz



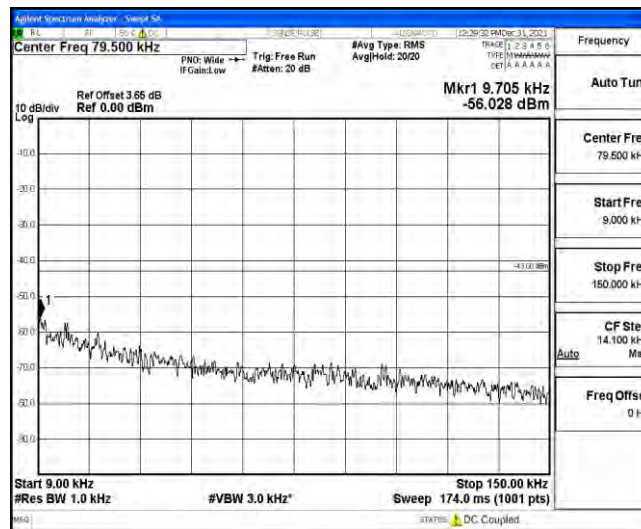
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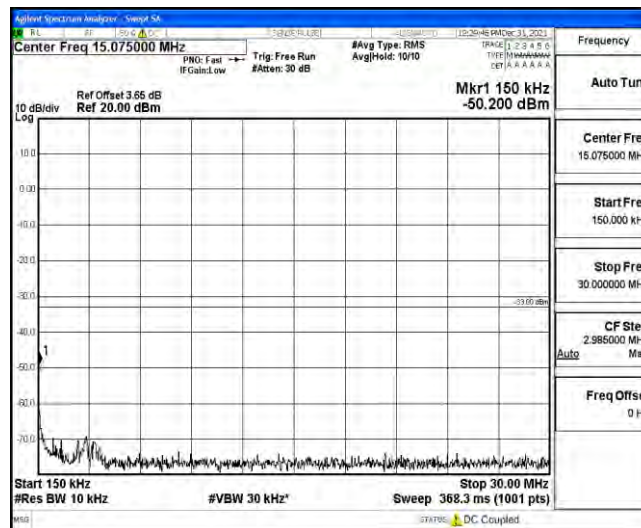
Band12-3MHz-16QAM-23025-Range4:1000~10000MHz



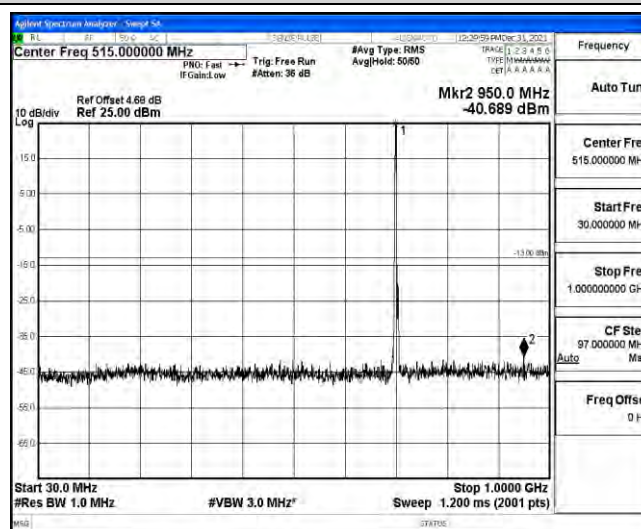
Band12-3MHz-16QAM-23095-Range1:0.009~0.15MHz



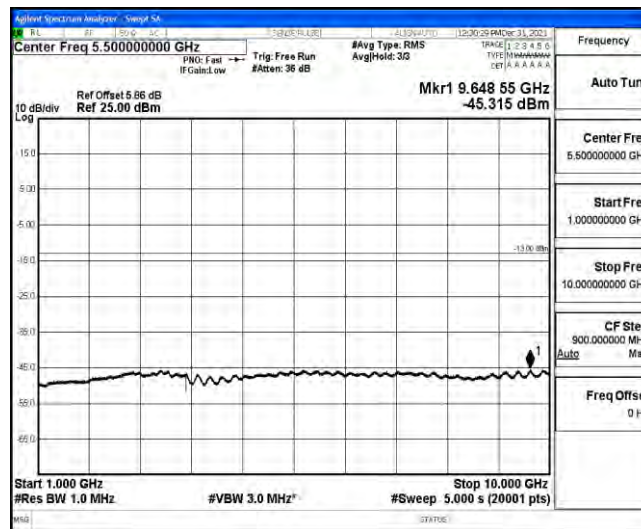
Band12-3MHz-16QAM-23095-Range2:0.15~30MHz



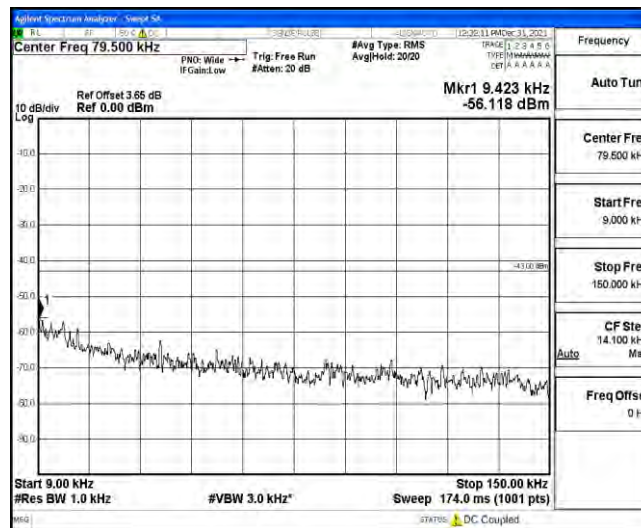
Band12-3MHz-16QAM-23095-Range3:30~1000MHz



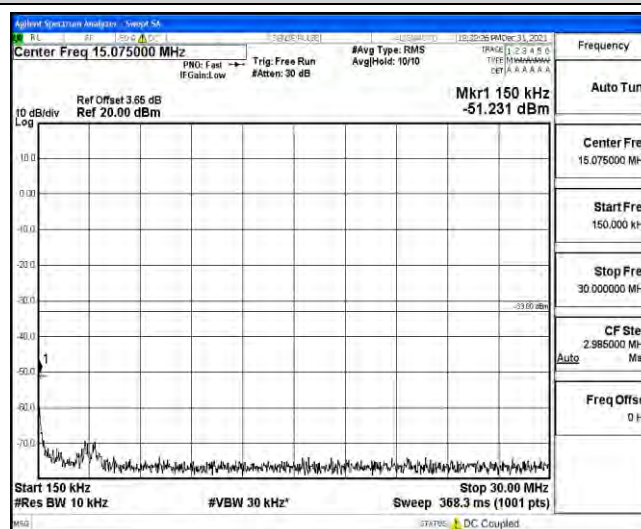
Band12-3MHz-16QAM-23095-Range4:1000~10000MHz



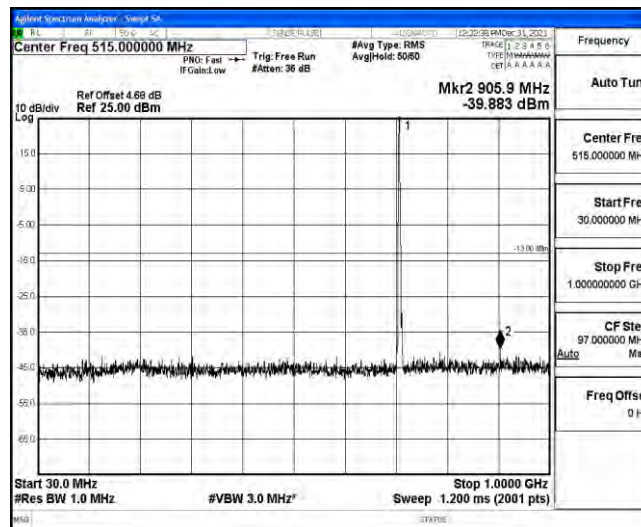
Band12-3MHz-16QAM-23165-Range1:0.009~0.15MHz



Band12-3MHz-16QAM-23165-Range2:0.15~30MHz



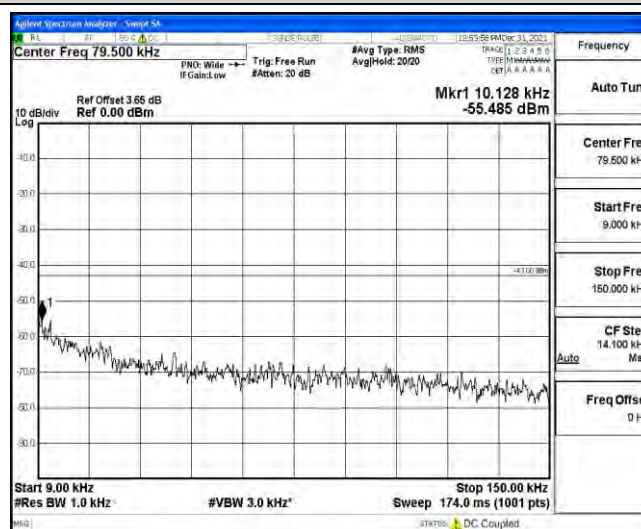
Band12-3MHz-16QAM-23165-Range3:30~1000MHz



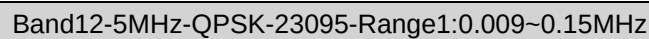
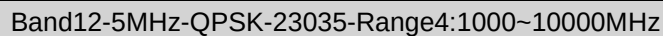
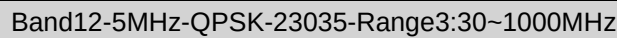
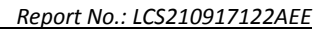
Band12-3MHz-16QAM-23165-Range4:1000~10000MHz

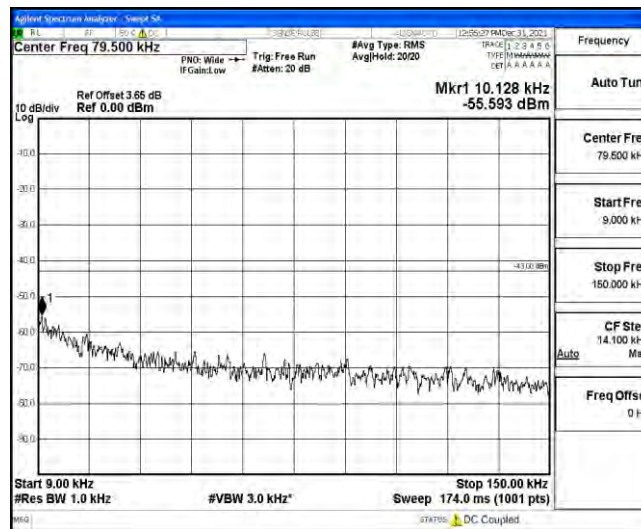


Band12-5MHz-QPSK-23035-Range1:0.009~0.15MHz

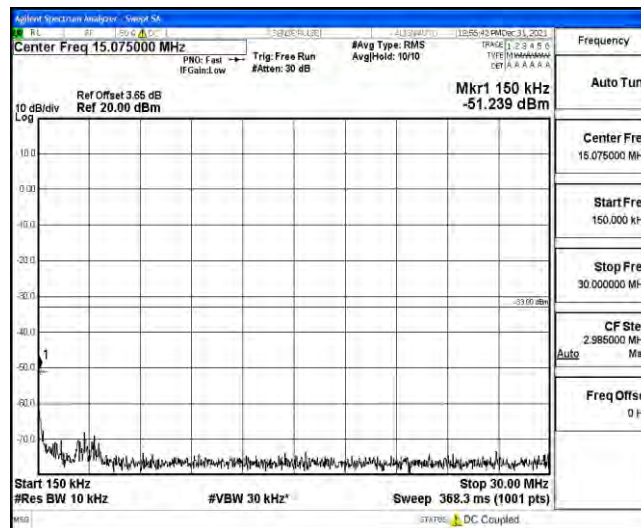


Band12-5MHz-QPSK-23035-Range2:0.15~30MHz

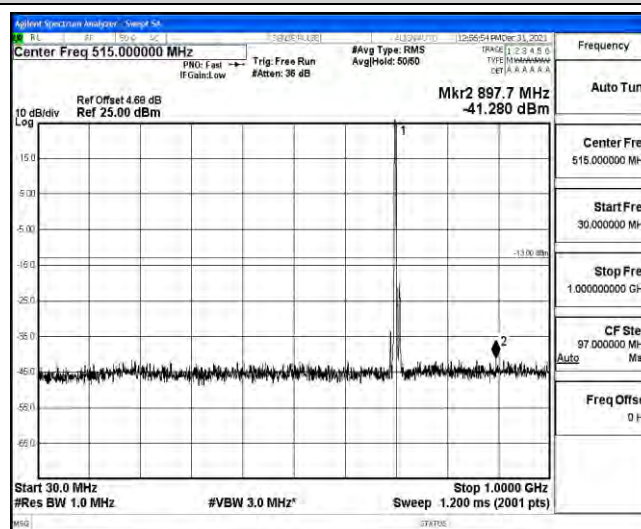




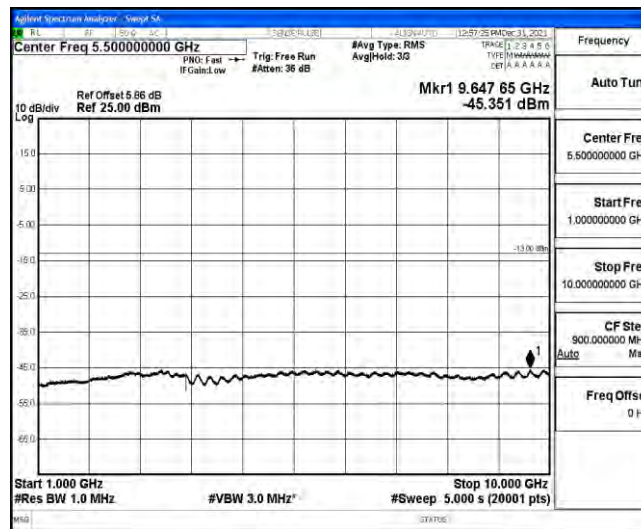
Band12-5MHz-QPSK-23095-Range2:0.15~30MHz



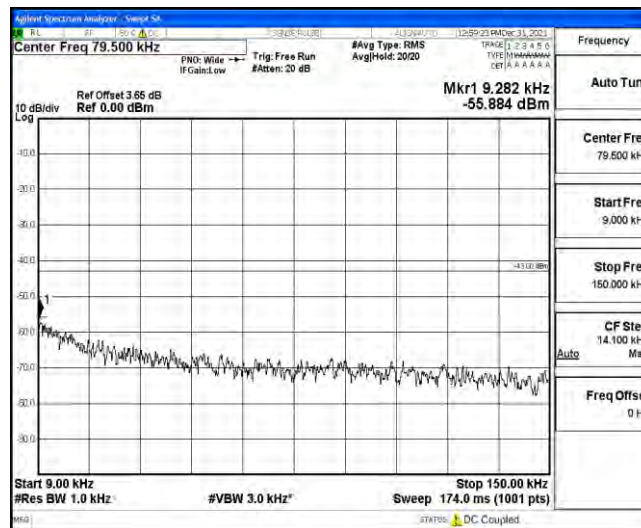
Band12-5MHz-QPSK-23095-Range3:30~1000MHz



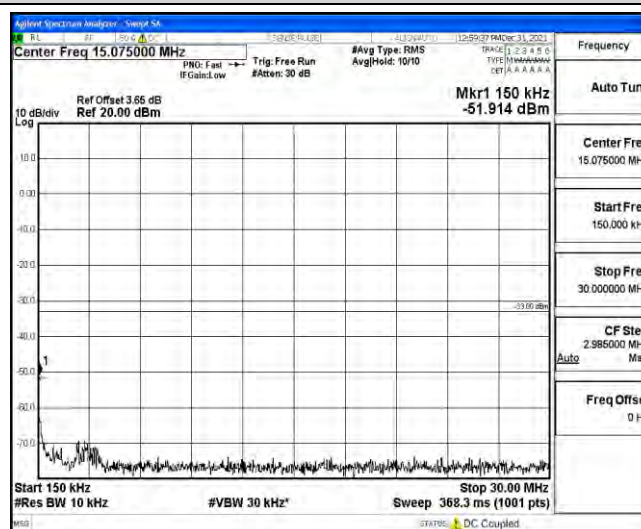
Band12-5MHz-QPSK-23095-Range4:1000~10000MHz



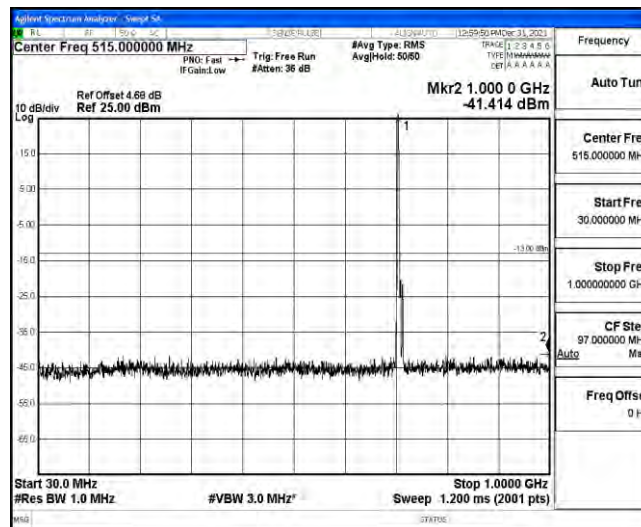
Band12-5MHz-QPSK-23155-Range1:0.009~0.15MHz



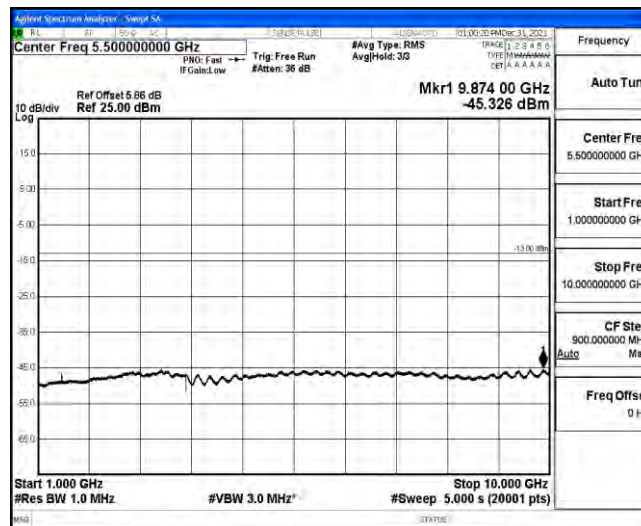
Band12-5MHz-QPSK-23155-Range2:0.15~30MHz



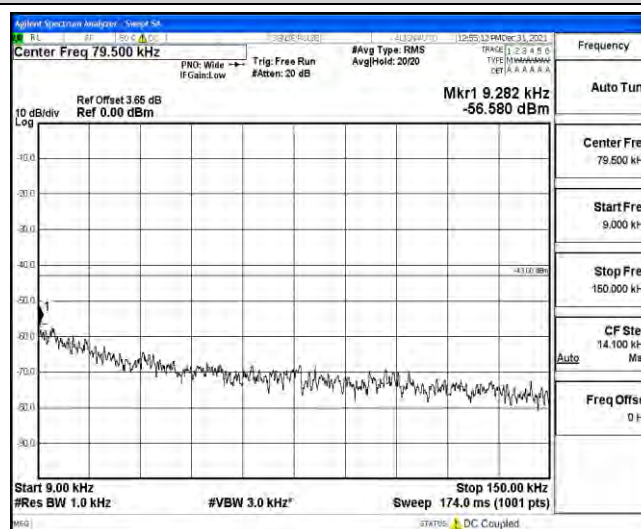
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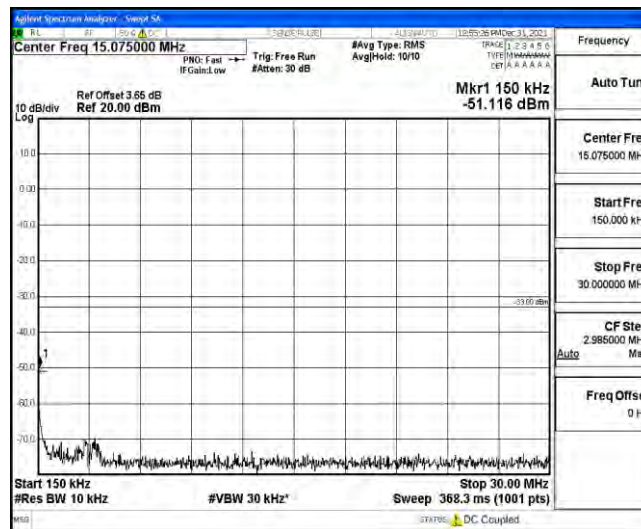
Band12-5MHz-QPSK-23155-Range4:1000~10000MHz



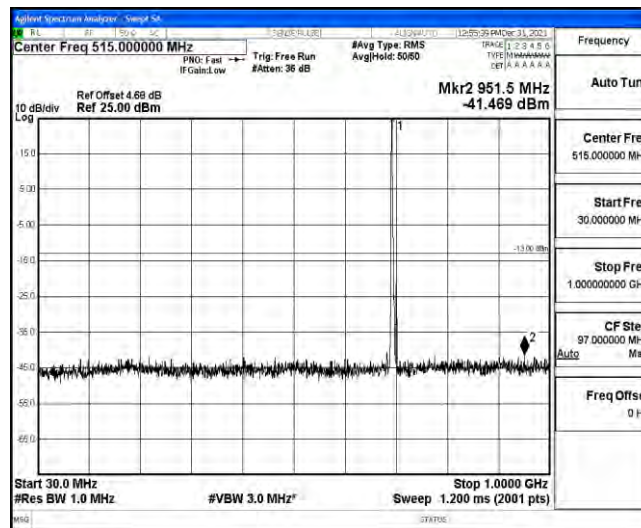
Band12-5MHz-16QAM-23035-Range1:0.009~0.15MHz



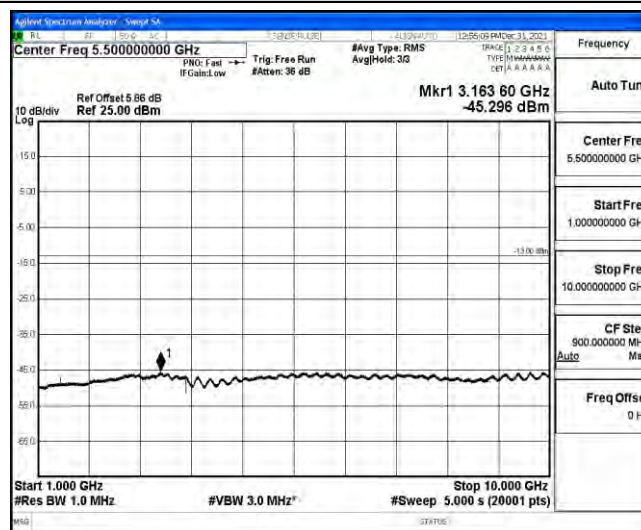
Band12-5MHz-16QAM-23035-Range2:0.15~30MHz



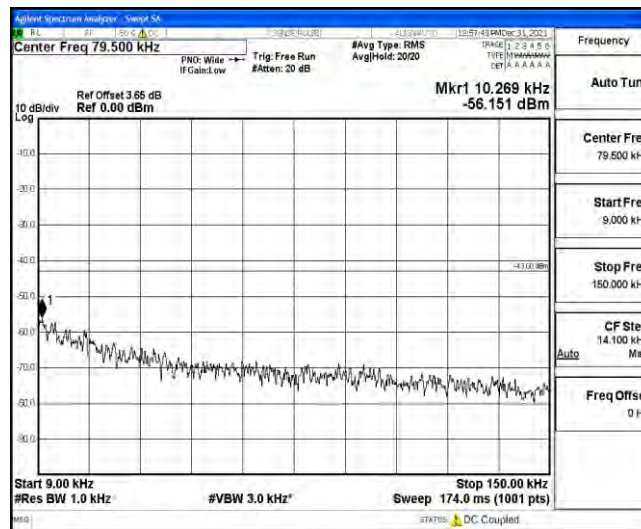
Band12-5MHz-16QAM-23035-Range3:30~1000MHz



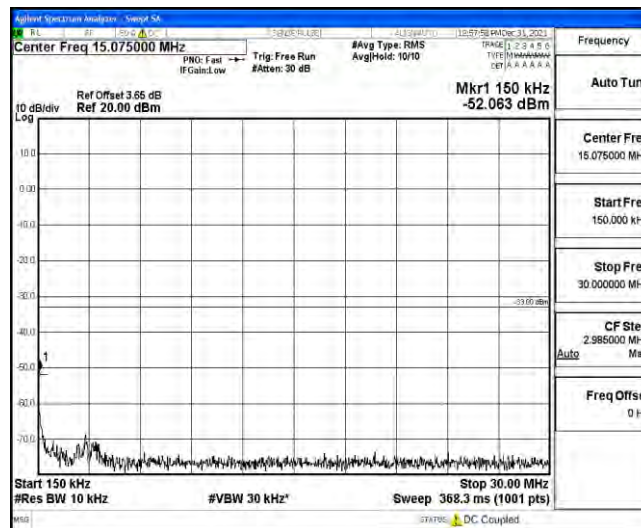
Band12-5MHz-16QAM-23035-Range4:1000~10000MHz



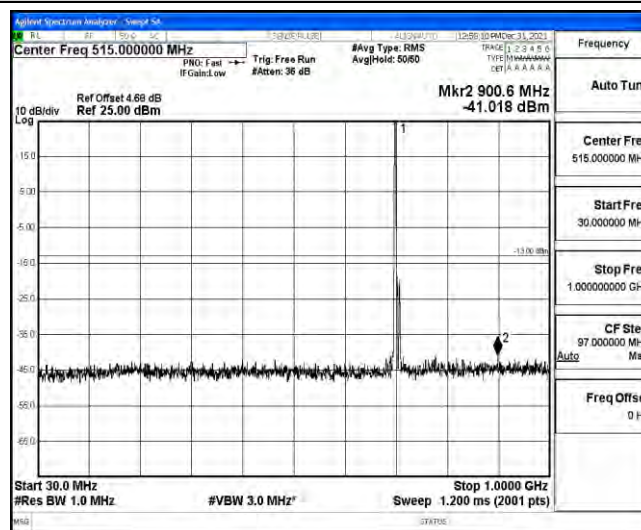
Band12-5MHz-16QAM-23095-Range1:0.009~0.15MHz



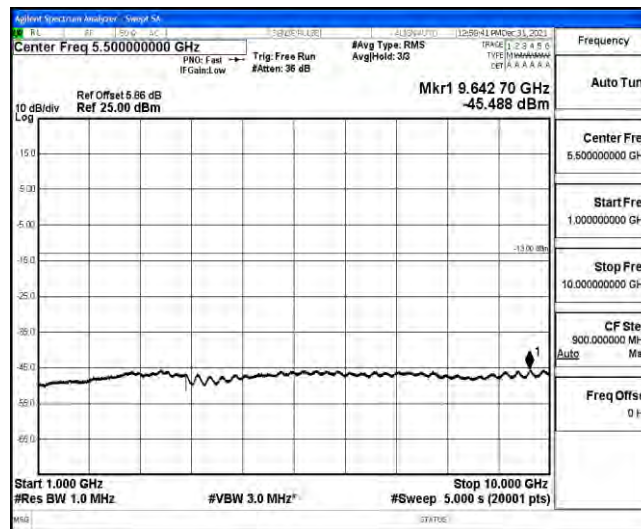
Band12-5MHz-16QAM-23095-Range2:0.15~30MHz



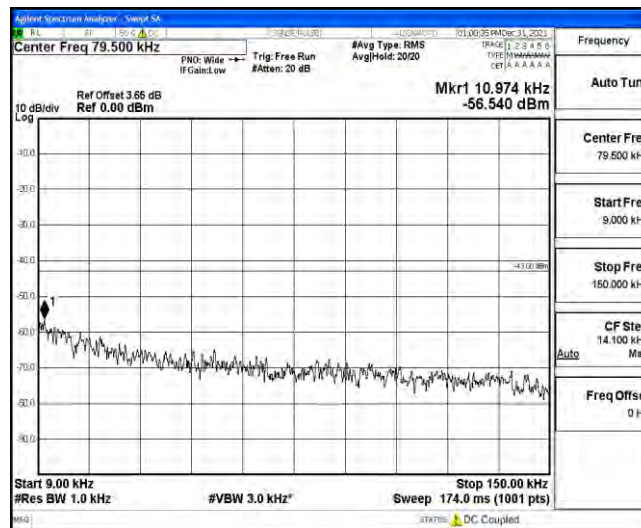
Band12-5MHz-16QAM-23095-Range3:30~1000MHz



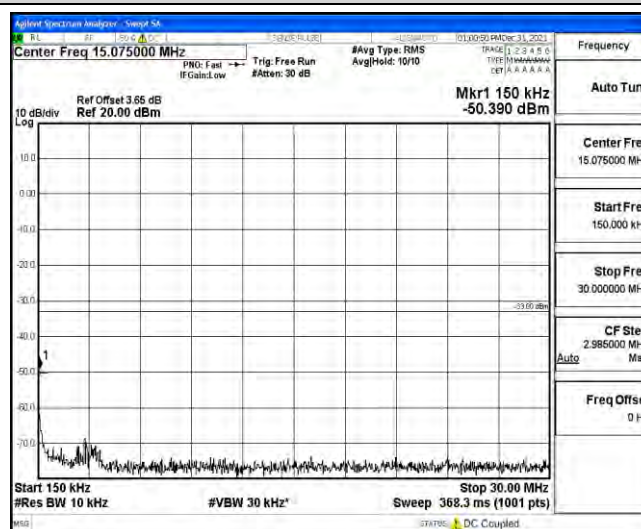
Band12-5MHz-16QAM-23095-Range4:1000~10000MHz



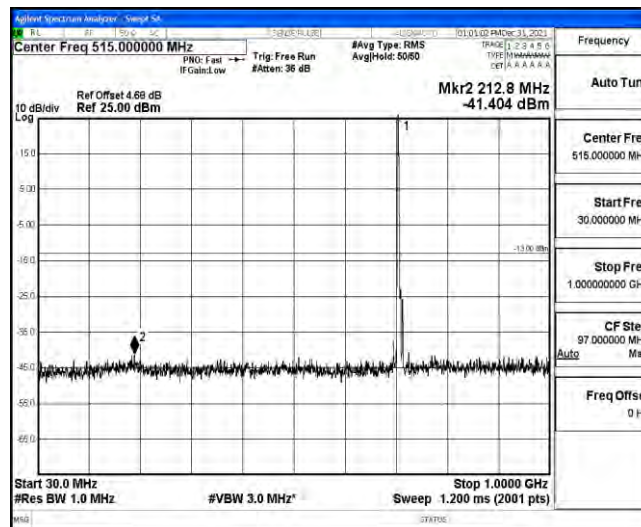
Band12-5MHz-16QAM-23155-Range1:0.009~0.15MHz



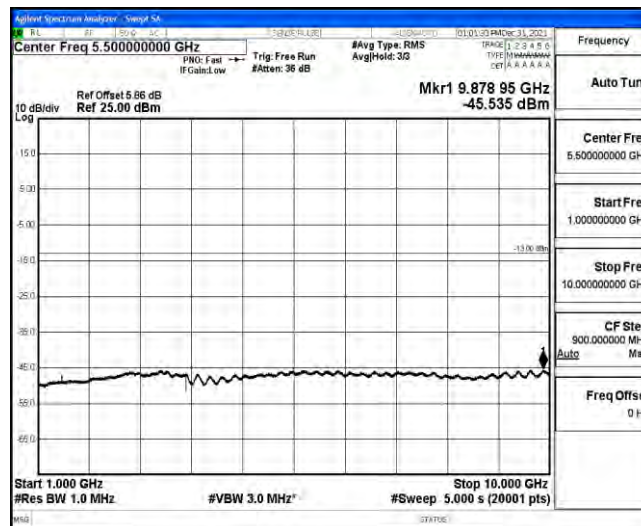
Band12-5MHz-16QAM-23155-Range2:0.15~30MHz



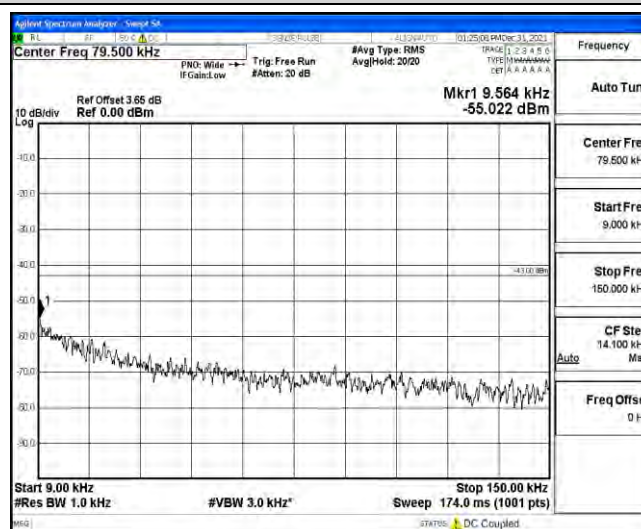
Band12-5MHz-16QAM-23155-Range3:30~1000MHz



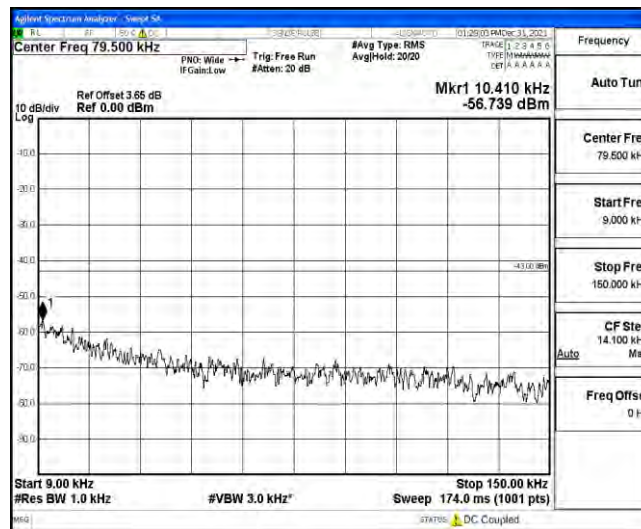
Band12-5MHz-16QAM-23155-Range4:1000~10000MHz



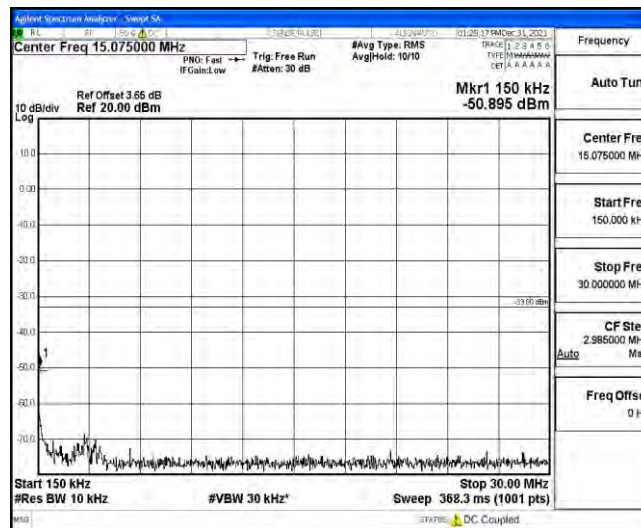
Band12-10MHz-QPSK-23060-Range1:0.009~0.15MHz



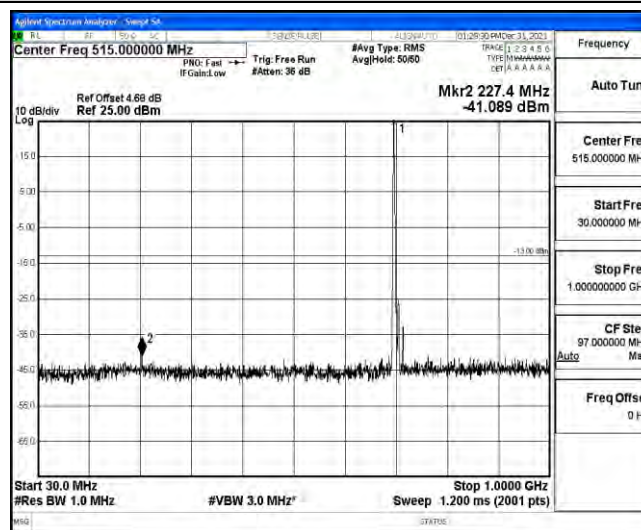
Band12-10MHz-QPSK-23060-Range2:0.15~30MHz



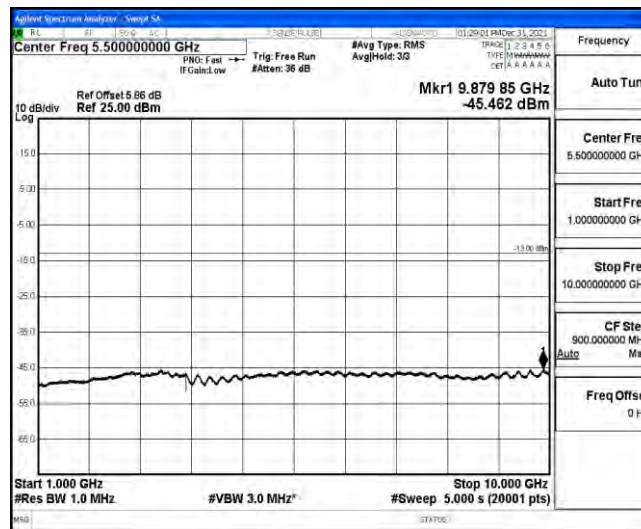
Band12-10MHz-QPSK-23095-Range2:0.15~30MHz



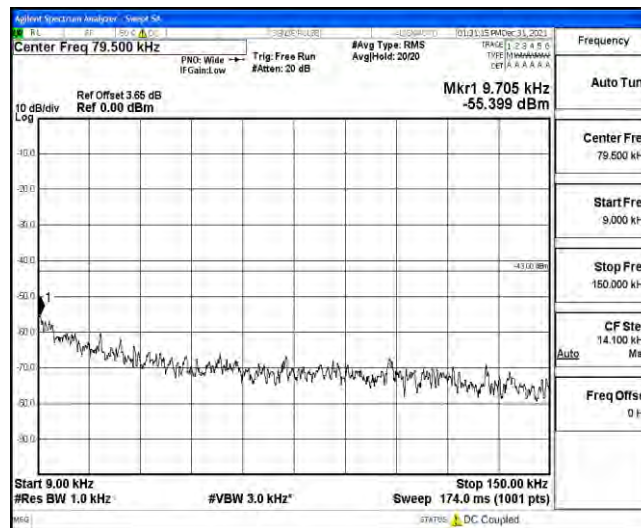
Band12-10MHz-QPSK-23095-Range3:30~1000MHz



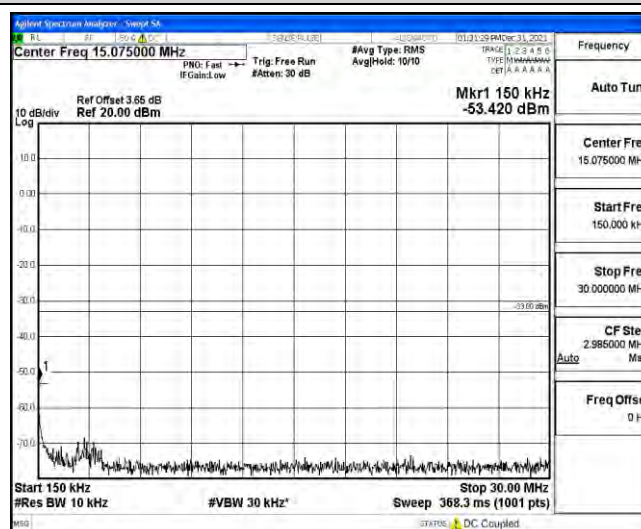
Band12-10MHz-QPSK-23095-Range4:1000~10000MHz



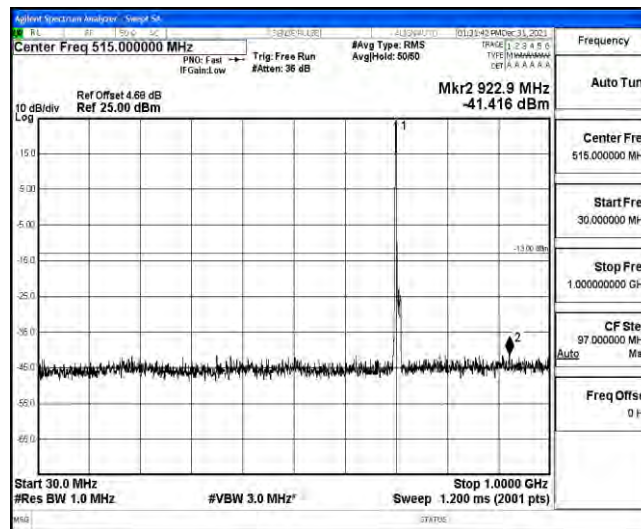
Band12-10MHz-QPSK-23130-Range1:0.009~0.15MHz



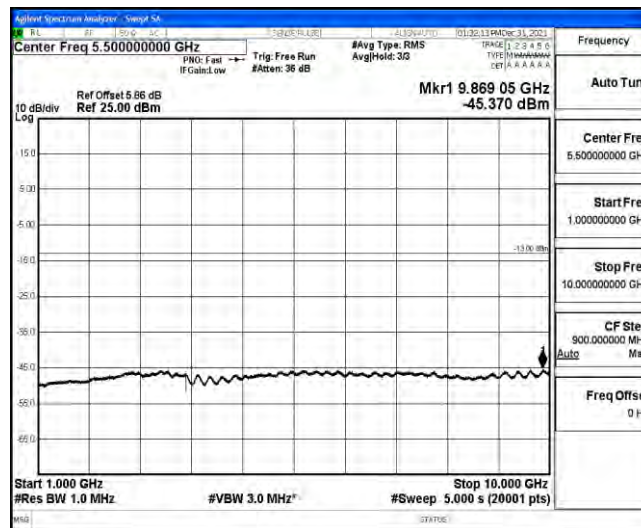
Band12-10MHz-QPSK-23130-Range2:0.15~30MHz



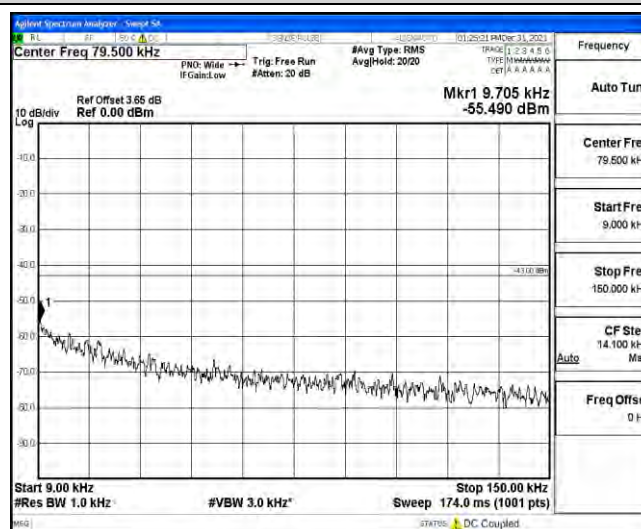
Band12-10MHz-QPSK-23130-Range3:30~1000MHz



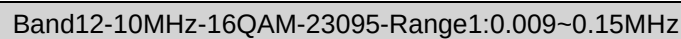
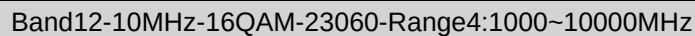
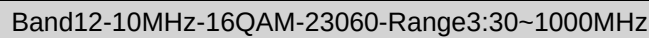
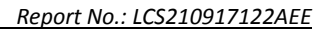
Band12-10MHz-QPSK-23130-Range4:1000~10000MHz

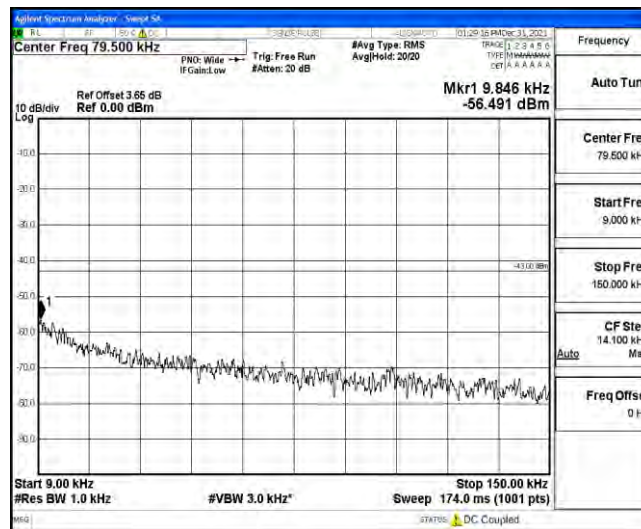


Band12-10MHz-16QAM-23060-Range1:0.009~0.15MHz

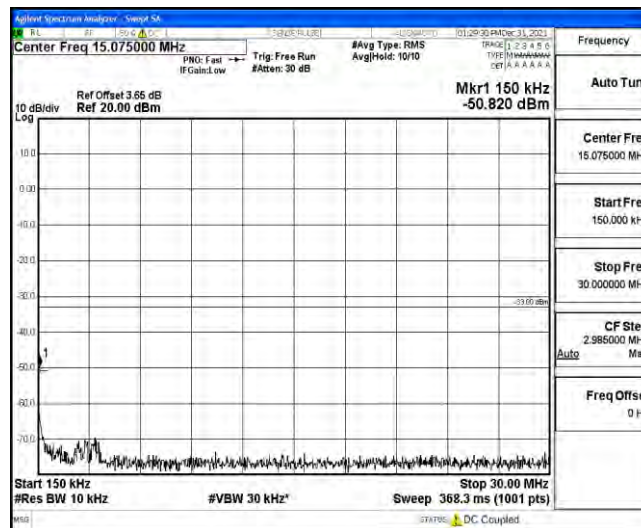


Band12-10MHz-16QAM-23060-Range2:0.15~30MHz

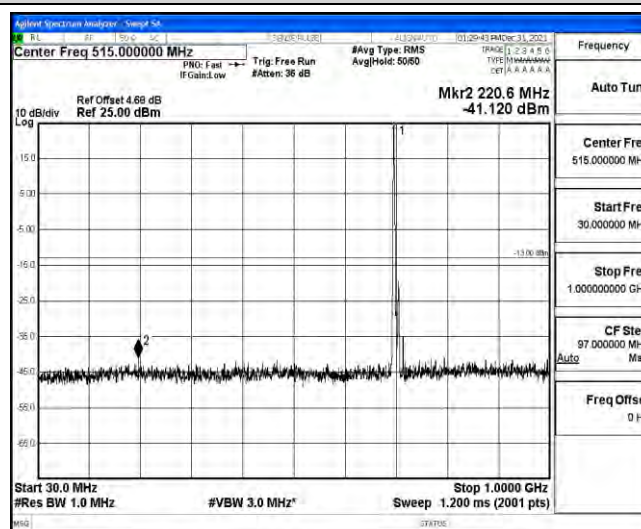




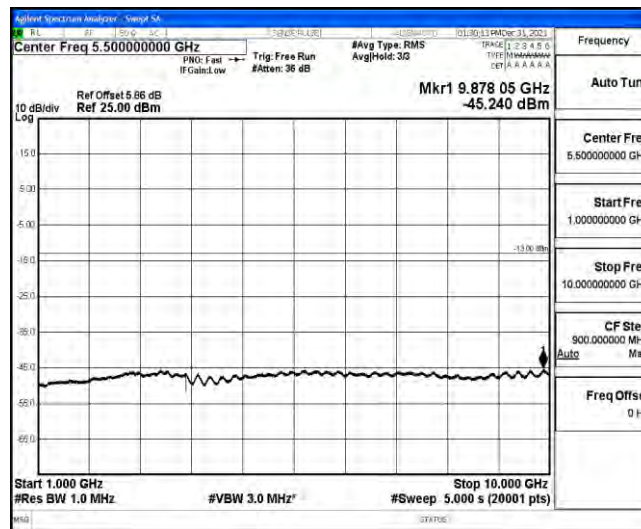
Band12-10MHz-16QAM-23095-Range2:0.15~30MHz



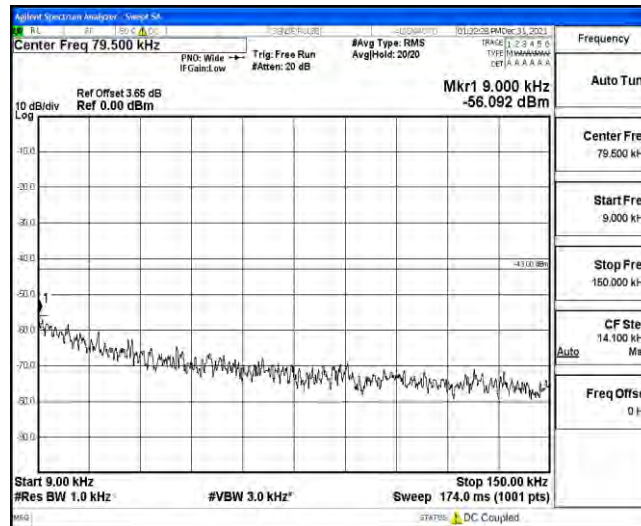
Band12-10MHz-16QAM-23095-Range3:30~1000MHz



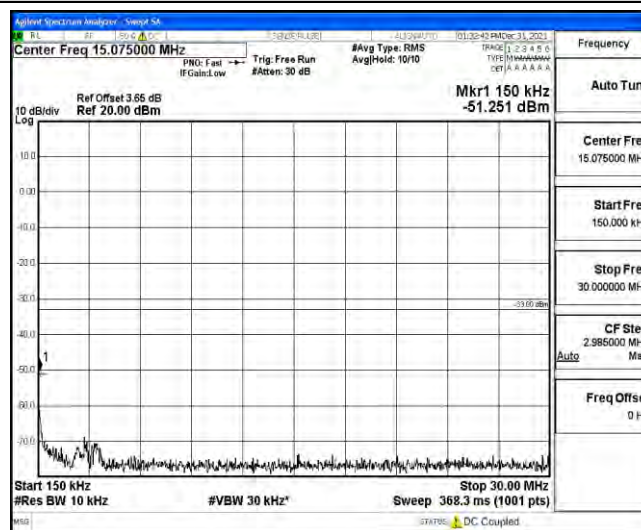
Band12-10MHz-16QAM-23095-Range4:1000~10000MHz



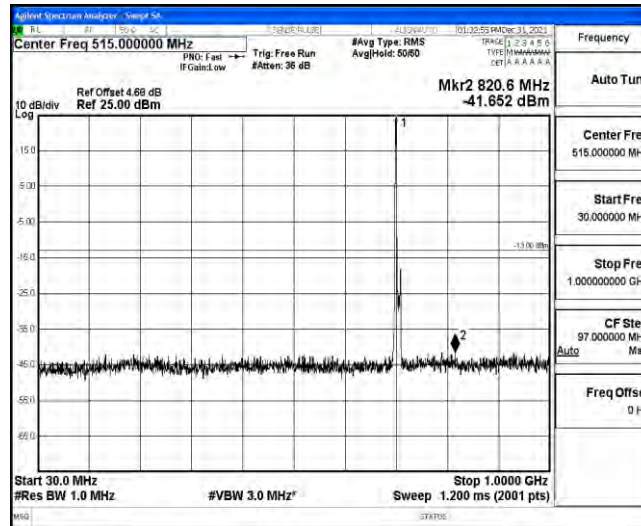
Band12-10MHz-16QAM-23130-Range1:0.009~0.15MHz



Band12-10MHz-16QAM-23130-Range2:0.15~30MHz



Band12-10MHz-16QAM-23130-Range3:30~1000MHz



Band12-10MHz-16QAM-23130-Range4:1000~10000MHz

