Appendix D: Test Data for E-UTRA Band 12

Product Name: LYNX GPS Tracker

Trade Mark: FIXD

Test Model: LGT1

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan

D.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.07	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.26	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.20	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.10	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.08	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	24.23	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.35	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.25	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.23	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.65	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	24.37	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.31	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.31	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.64	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.64	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.65	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.50	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.47	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.63	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.55	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.55	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.99	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.25	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.18	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.88	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.99	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.92	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.39	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.23	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.30	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.47	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	23.20	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	23.14	PASS

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Band12	1.4MHz	16QAM	23095	3RB#3	23.16	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.53	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.55	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.84	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.66	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	23.32	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	23.34	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	23.41	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.57	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.65	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.07	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.89	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.97	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.98	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.99	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.96	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.92	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.40	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.03	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.12	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.09	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.97	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.18	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.10	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.95	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.03	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.14	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.28	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.21	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.08	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.29	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.28	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.99	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.05	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.96	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.92	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.99	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.50	PASS

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Band12	3MHz	16QAM	23095	1RB#8	23.43	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.13	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.99	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.18	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.14	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.14	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.19	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.02	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.31	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.39	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.13	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.04	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.95	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.31	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.69	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.25	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.31	PASS
Band12	5MHz	QPSK	23035	12RB#6	23.25	PASS
Band12	5MHz	QPSK	23035	12RB#13	23.11	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.13	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.36	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.02	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.03	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.43	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.42	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.86	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.62	PASS
Band12	5MHz	QPSK	23155	1RB#0	24.28	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.70	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.13	PASS
Band12	5MHz	QPSK	23155	12RB#0	23.57	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.47	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.53	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.47	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.12	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.55	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.14	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.25	PASS

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Band12	5MHz	16QAM	23035	12RB#6	22.22	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.09	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.15	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.22	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.90	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.92	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.43	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.41	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.84	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.63	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.34	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.53	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.22	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.64	PASS
Band12	5MHz	16QAM	23155	12RB#6	22.53	PASS
Band12	5MHz	16QAM	23155	12RB#13	22.62	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.56	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.29	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.13	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.82	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.61	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.70	PASS
Band12	10MHz	QPSK	23060	25RB#25	24.00	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.75	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.03	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.38	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.31	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.59	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.55	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.54	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.90	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.06	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.86	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.96	PASS
Band12	10MHz	QPSK	23130	25RB#0	24.35	PASS
Band12	10MHz	QPSK	23130	25RB#12	24.23	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.42	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.81	PASS

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Band12	10MHz	16QAM	23060	1RB#0	22.22	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.10	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.79	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.55	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.97	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.74	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.75	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.12	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.08	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.59	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.55	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.68	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.89	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.06	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.90	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.99	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.67	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.79	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.39	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.58	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.21	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.44	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.95	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.14	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.32	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.76	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.30	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.48	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.00	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.20	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.00	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.37	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.45	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.09	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.18	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.26	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.98	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.53	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.43	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	6.11	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.32	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.28	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.11	13	PASS

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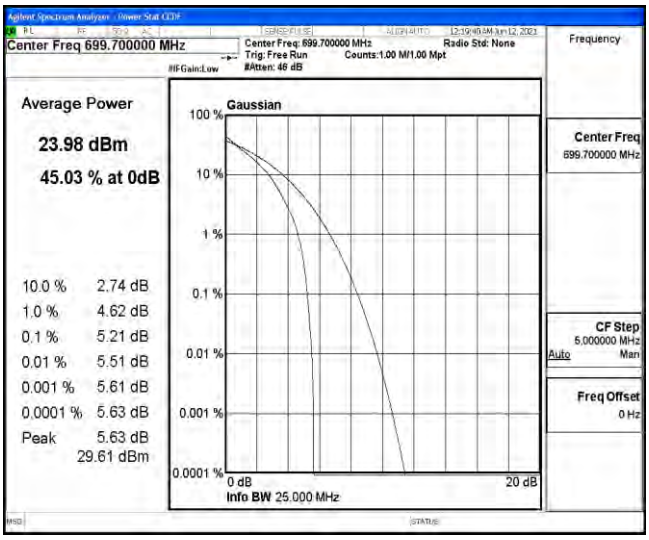
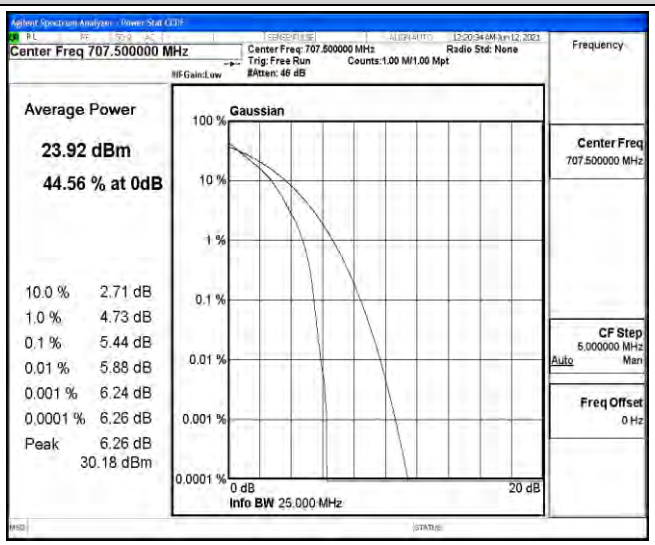
Test Graphs

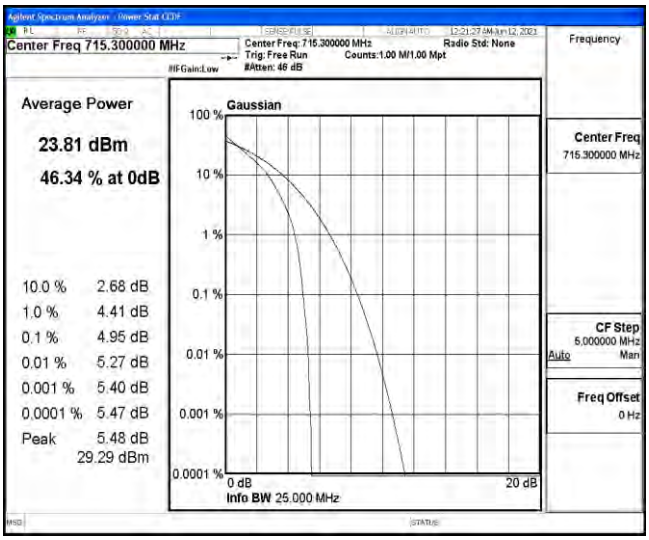
Band12-1.4MHz-QPSK-23017-6RB#0



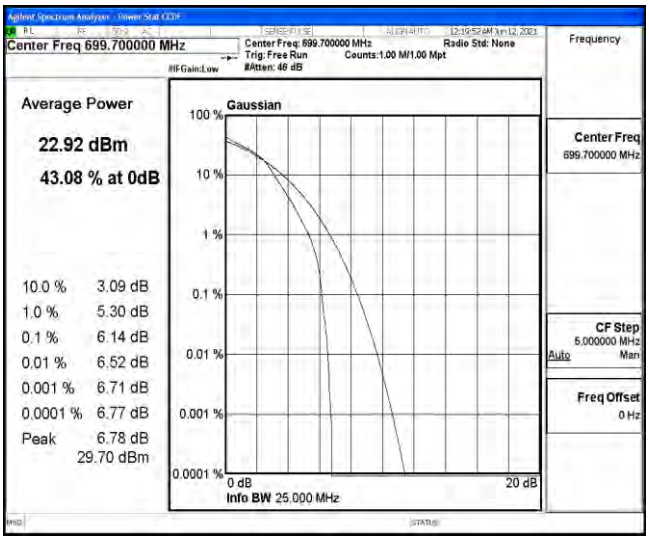
Band12-1.4MHz-QPSK-23095-6RB#0



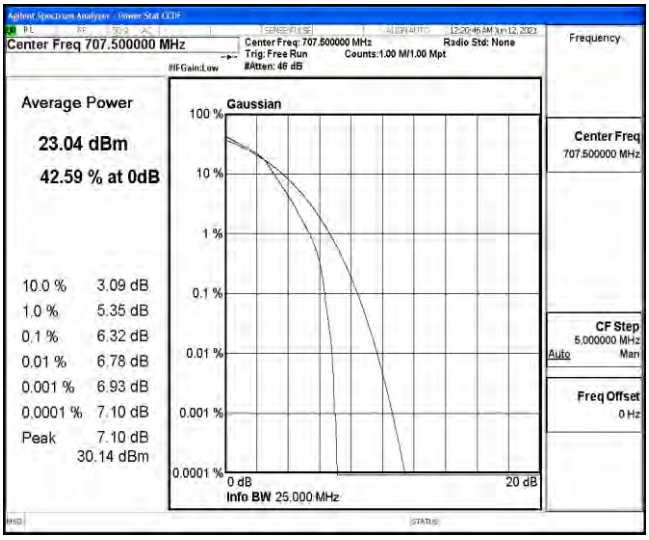
Band12-1.4MHz-QPSK-23173-6RB#0



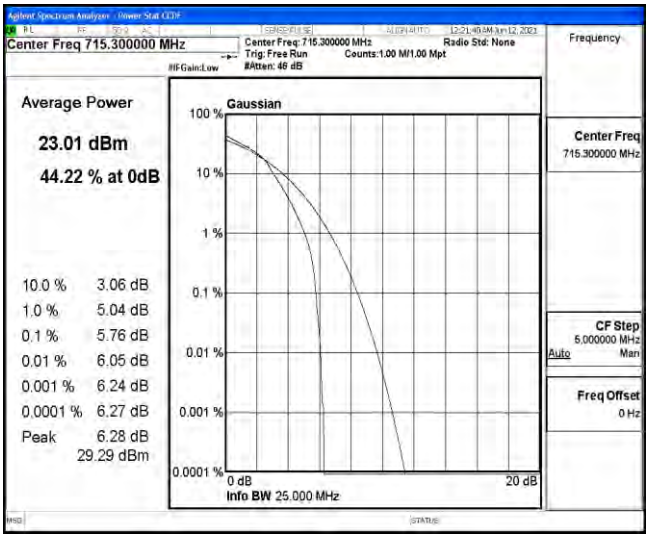
Band12-1.4MHz-16QAM-23017-6RB#0



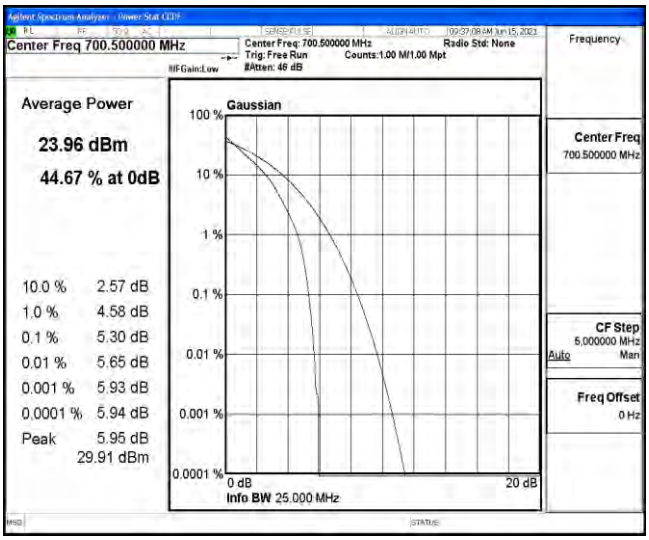
Band12-1.4MHz-16QAM-23095-6RB#0



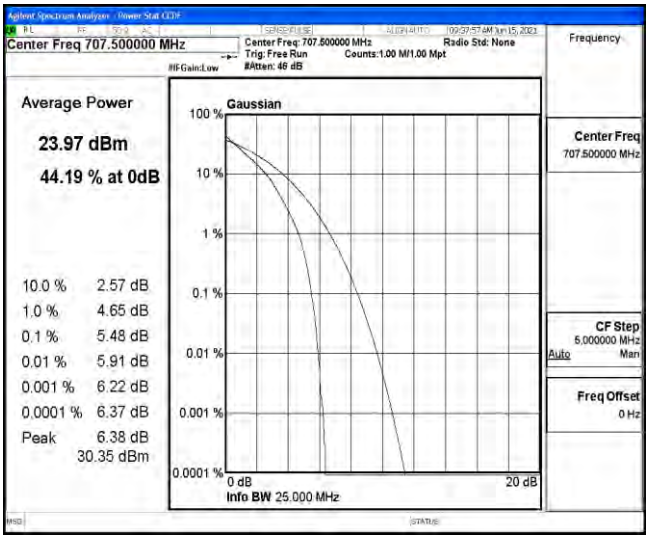
Band12-1.4MHz-16QAM-23173-6RB#0



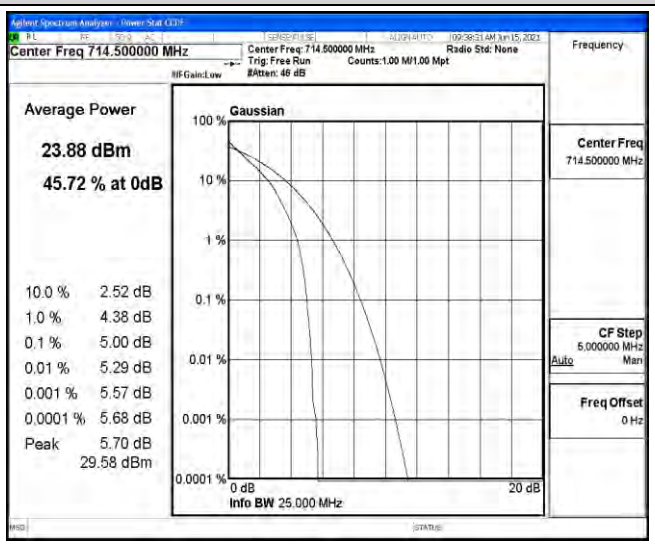
Band12-3MHz-QPSK-23025-15RB#0



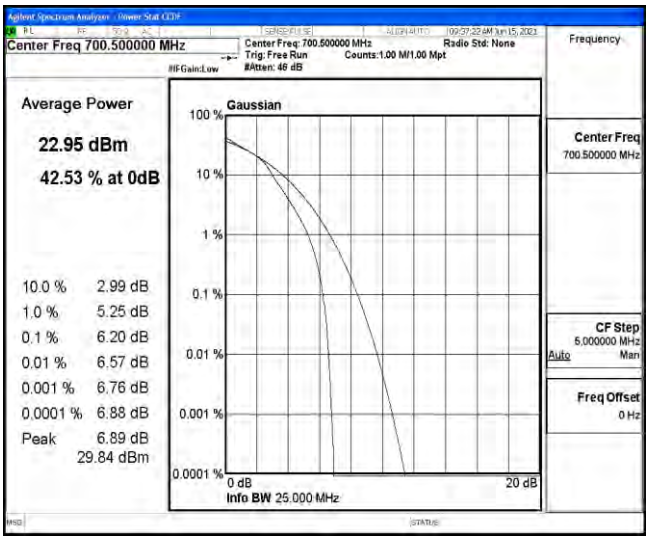
Band12-3MHz-QPSK-23095-15RB#0



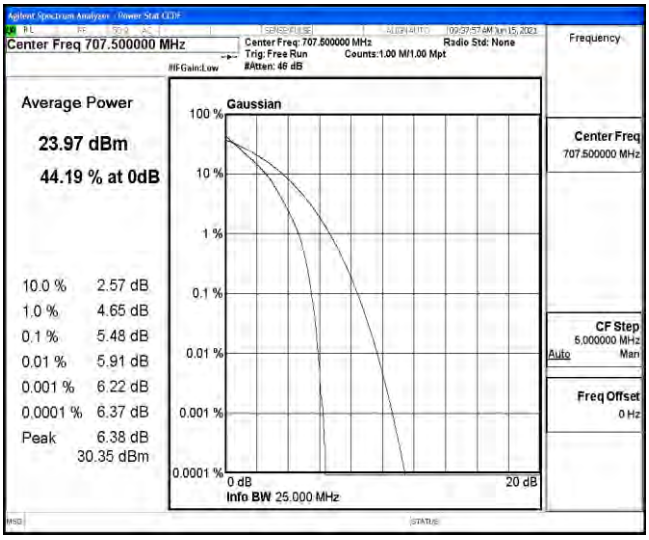
Band12-3MHz-QPSK-23165-15RB#0



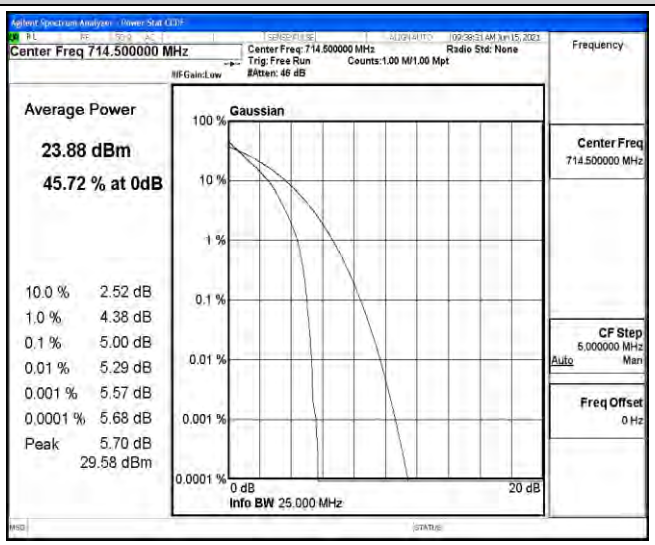
Band12-3MHz-16QAM-23025-15RB#0



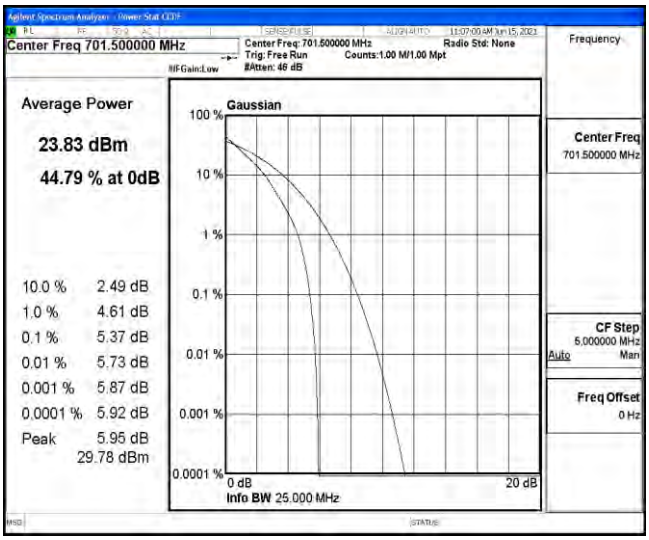
Band12-3MHz-16QAM-23095-15RB#0



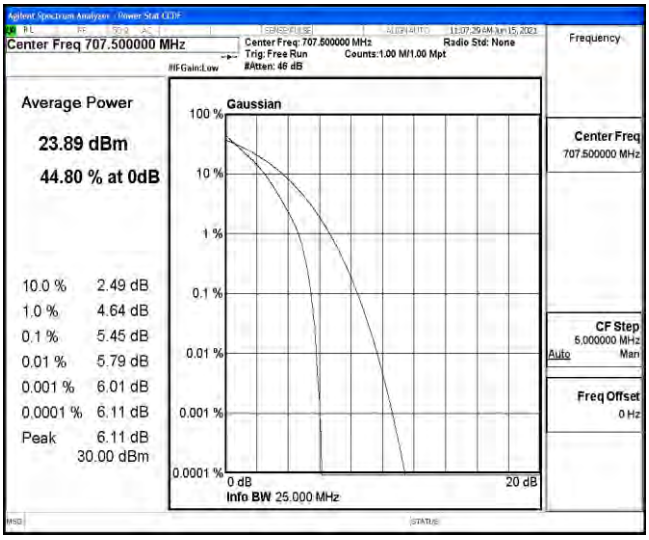
Band12-3MHz-16QAM-23165-15RB#0



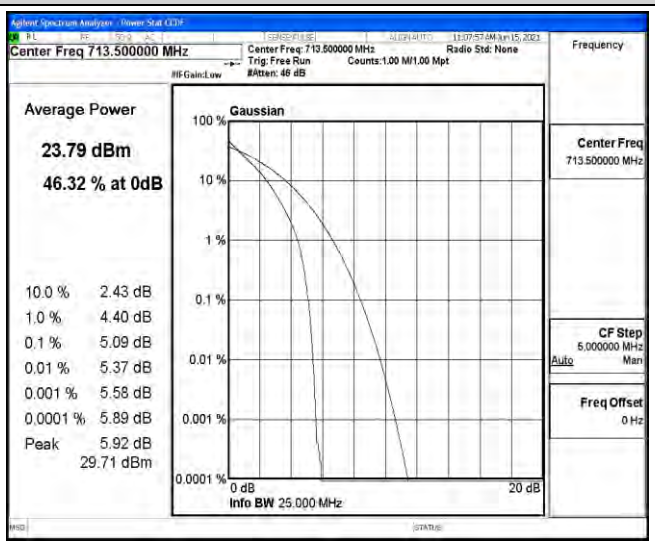
Band12-5MHz-QPSK-23035-25RB#0



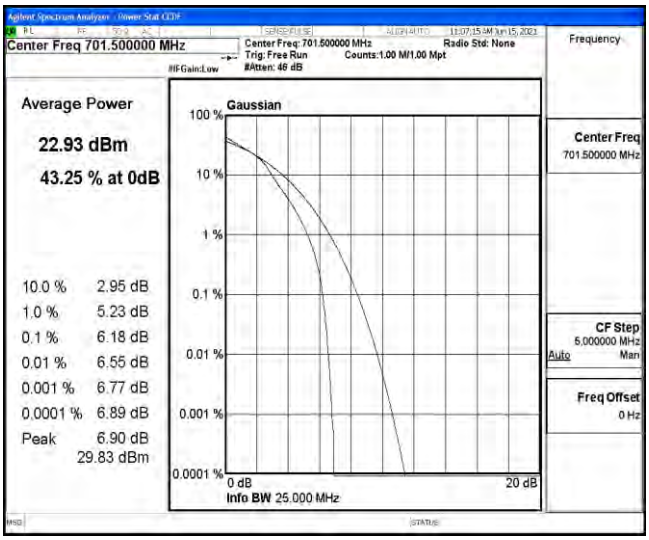
Band12-5MHz-QPSK-23095-25RB#0



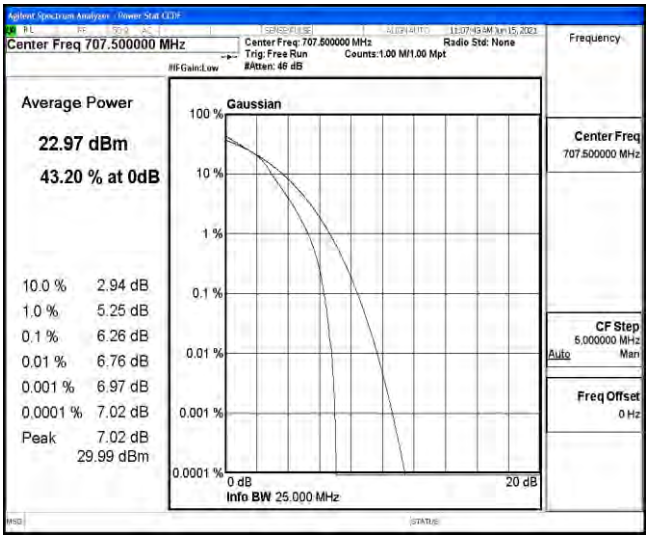
Band12-5MHz-QPSK-23155-25RB#0



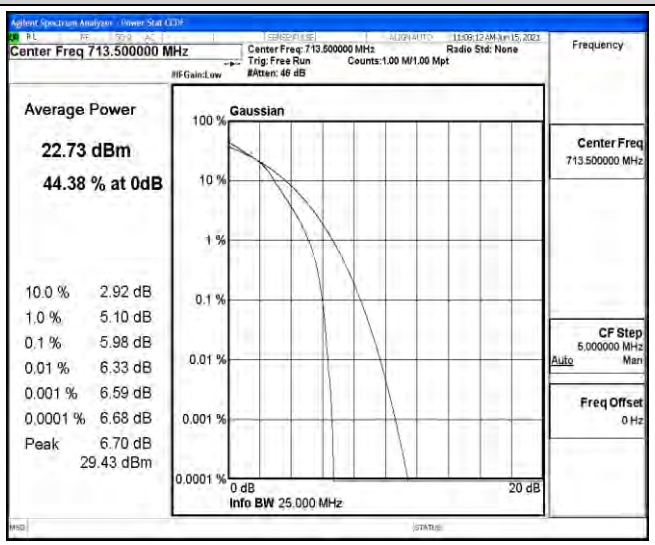
Band12-5MHz-16QAM-23035-25RB#0



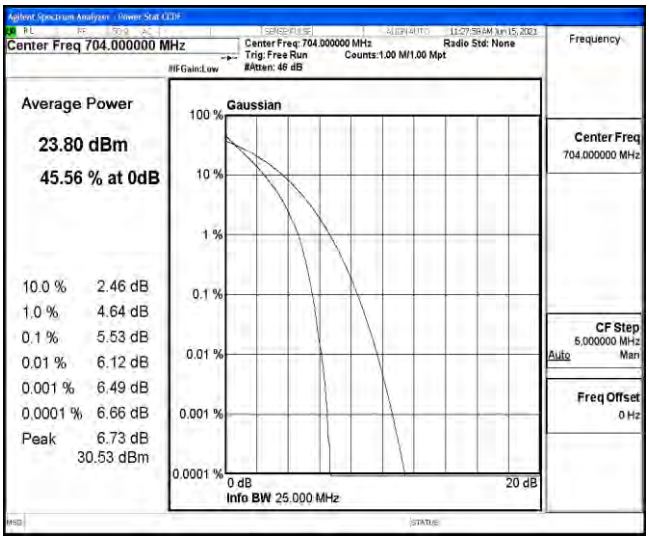
Band12-5MHz-16QAM-23095-25RB#0



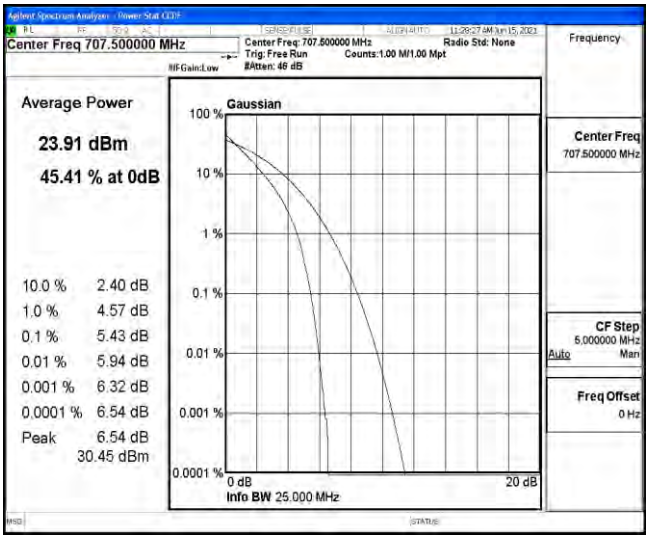
Band12-5MHz-16QAM-23155-25RB#0



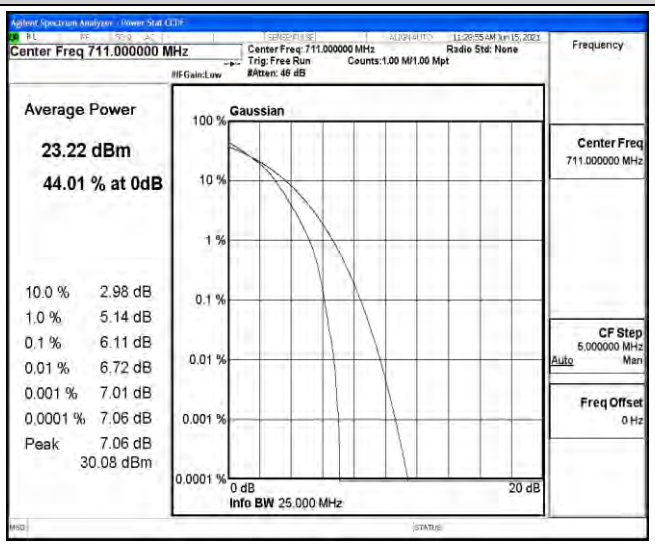
Band12-10MHz-QPSK-23060-50RB#0



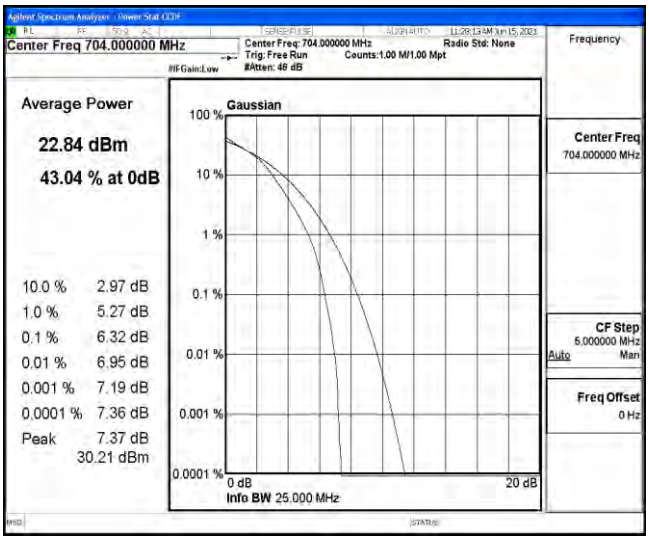
Band12-10MHz-QPSK-23095-50RB#0



Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



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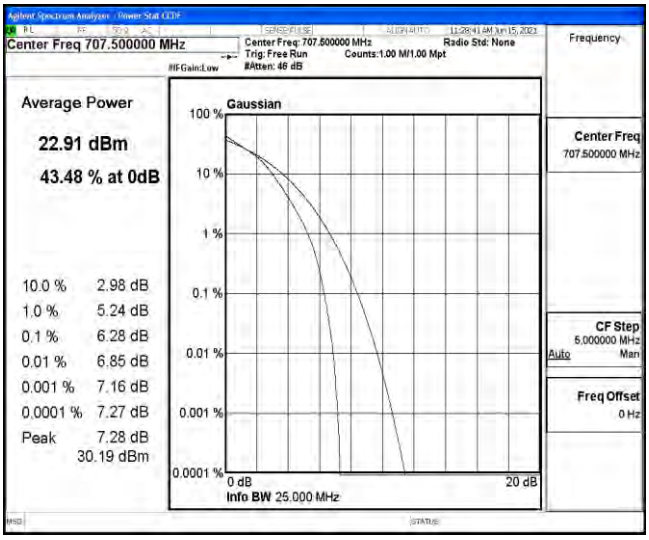
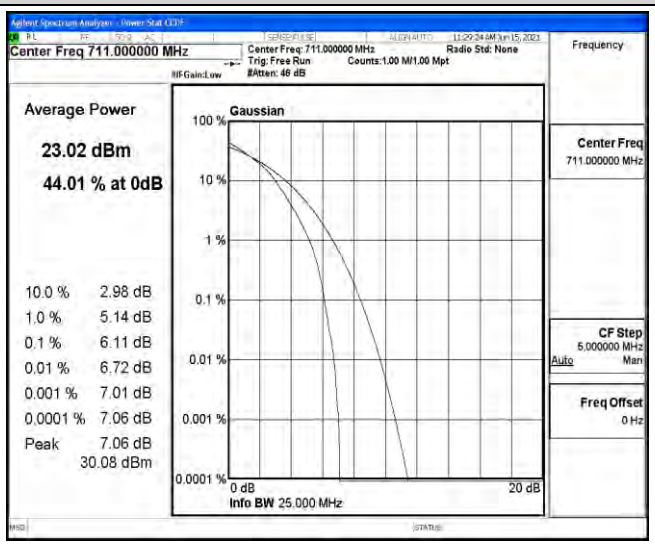


Band12-10MHz-16QAM-23130-50RB#0



D.3 26dB Bandwidth and Occupied Bandwidth

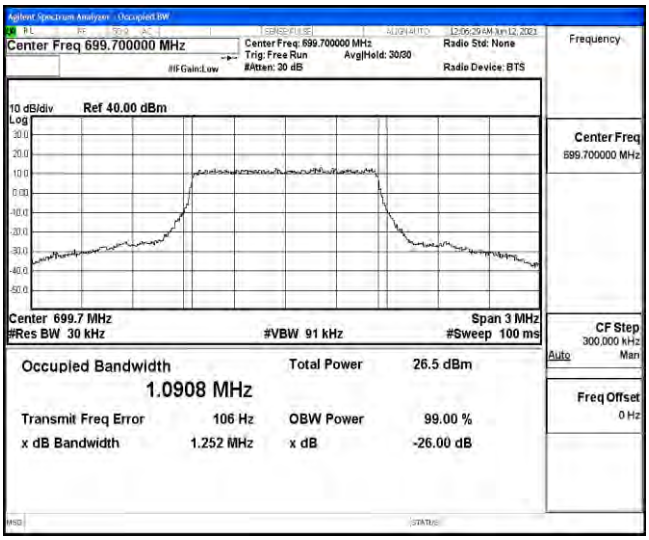
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0908	1.252	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0918	1.259	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0921	1.267	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0906	1.251	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0892	1.255	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0886	1.234	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6975	2.889	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6959	2.896	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6957	2.917	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6909	2.897	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6966	2.909	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6934	2.895	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4919	4.896	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4999	4.892	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4926	4.889	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5032	4.838	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5057	4.832	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5019	4.827	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9531	9.551	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9721	9.528	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9511	9.524	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9555	9.516	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9587	9.500	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9373	9.499	PASS

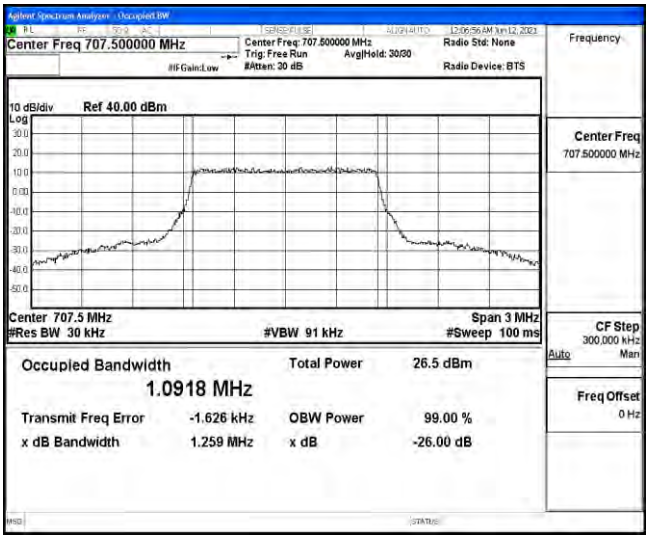
This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd.

Test Graphs

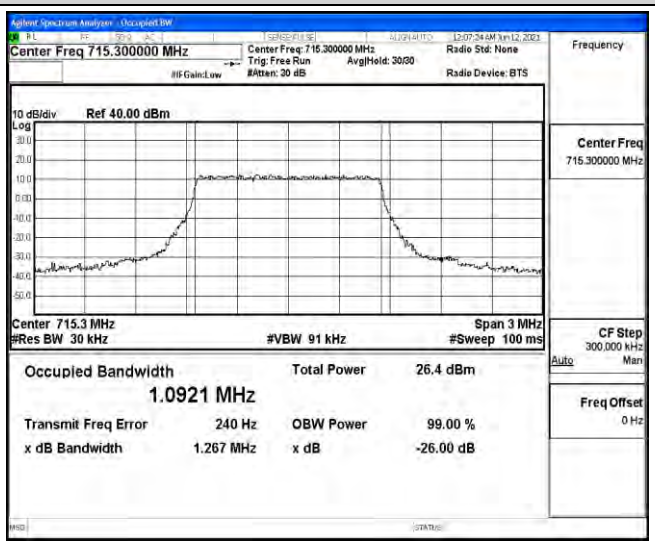
Band12-1.4MHz-QPSK-23017-6RB#0



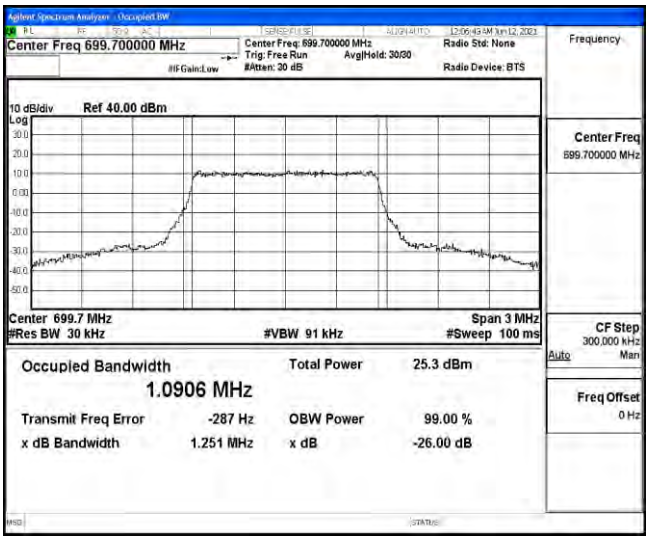
Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-6RB#0



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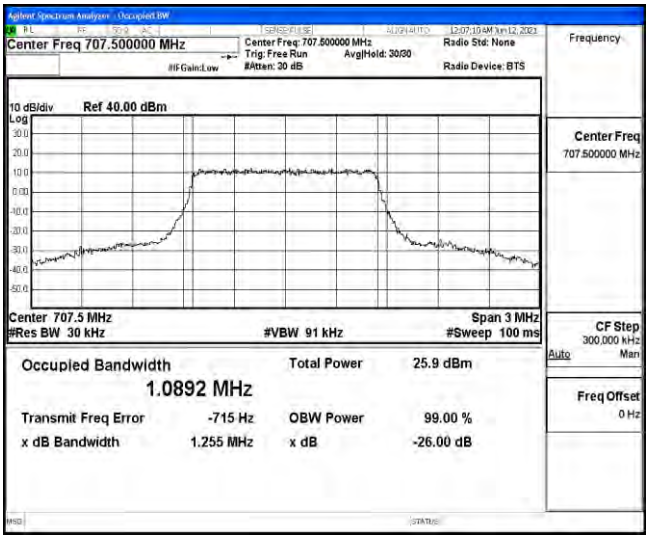

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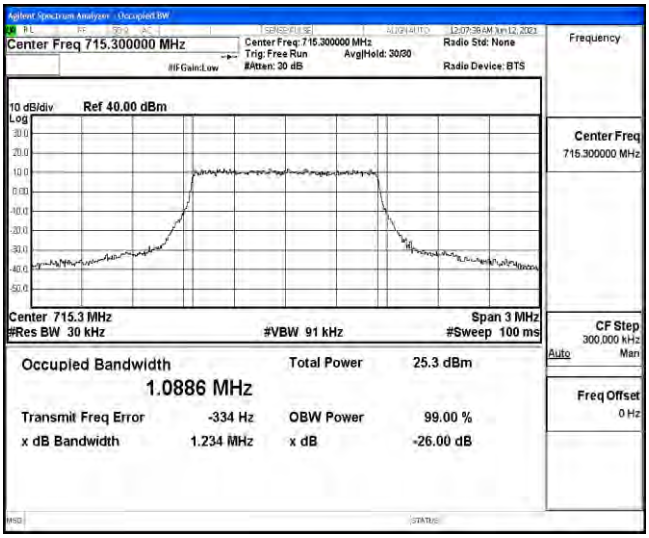
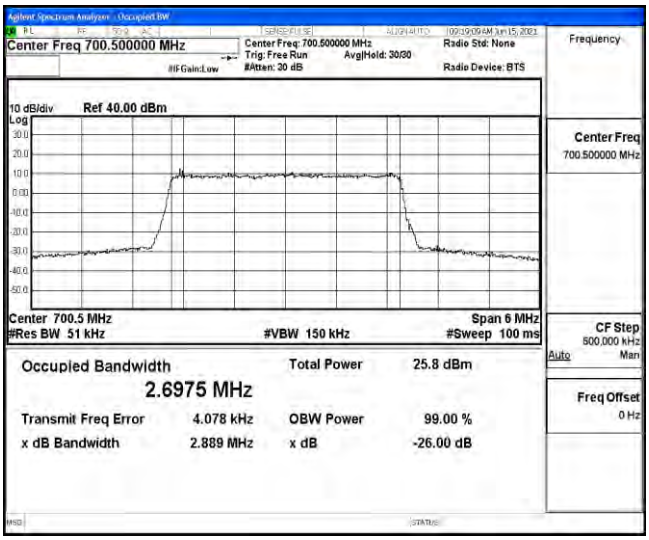
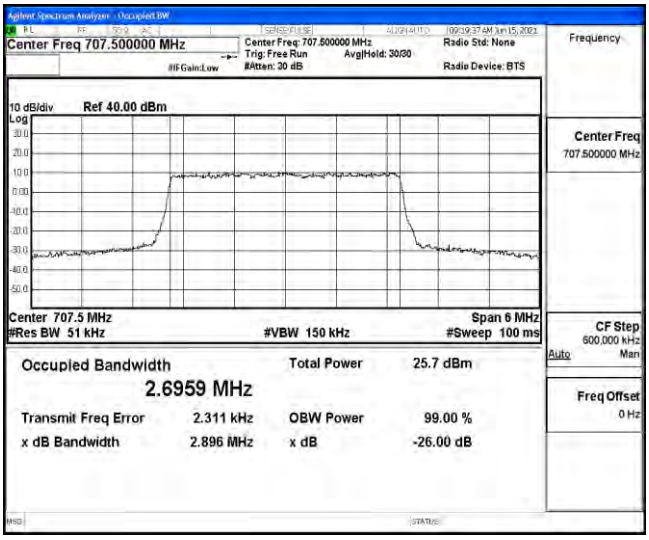


Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0



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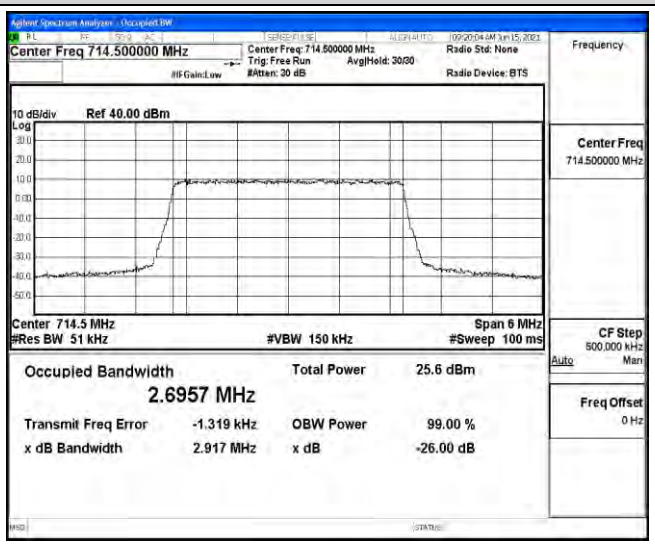
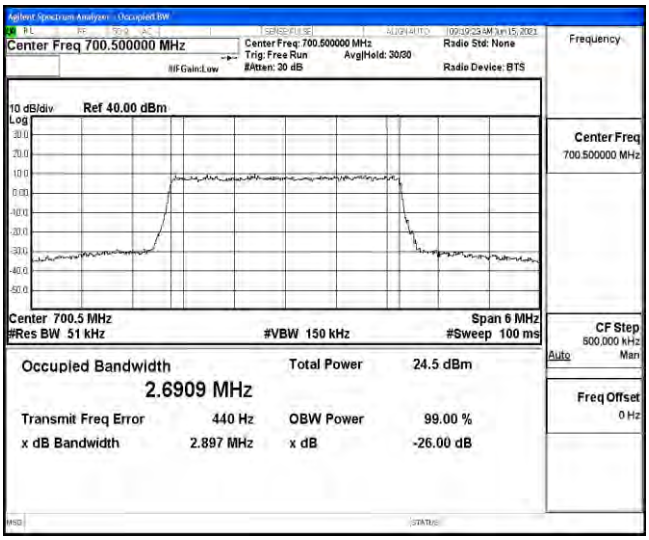
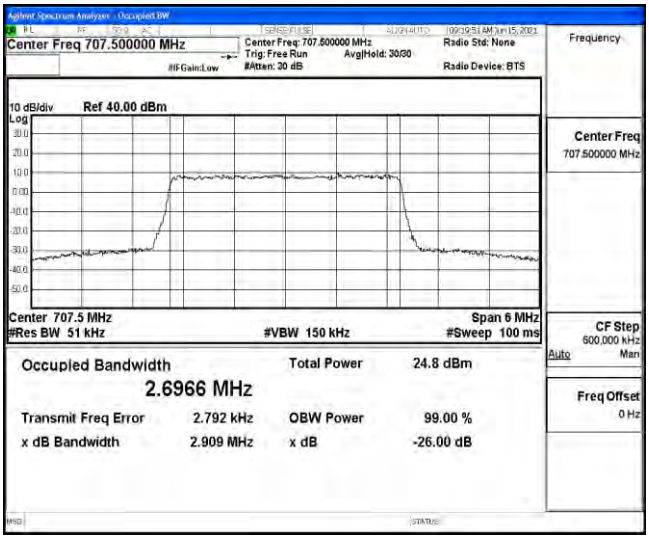


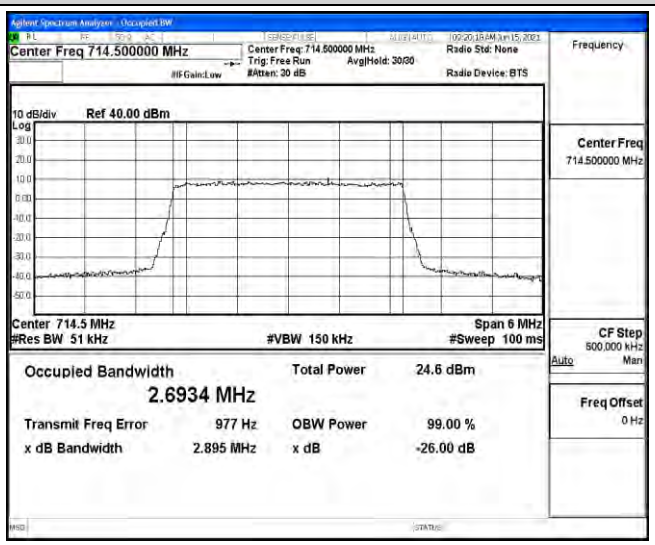
Band12-3MHz-16QAM-23025-15RB#0



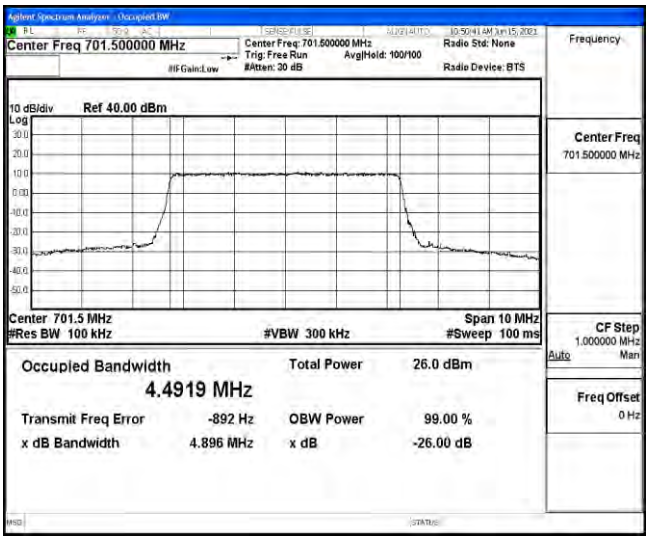
Band12-3MHz-16QAM-23095-15RB#0



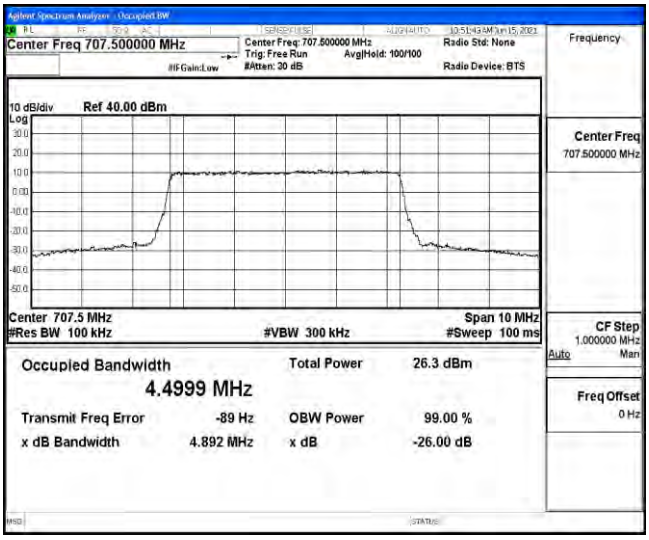
Band12-3MHz-16QAM-23165-15RB#0



Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-25RB#0



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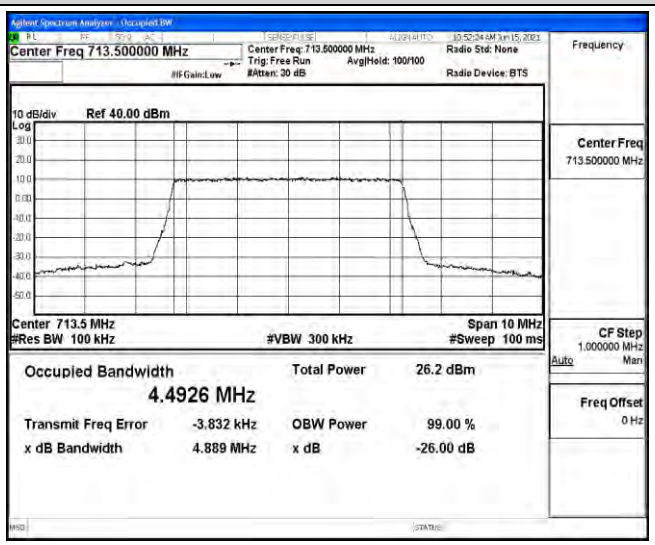
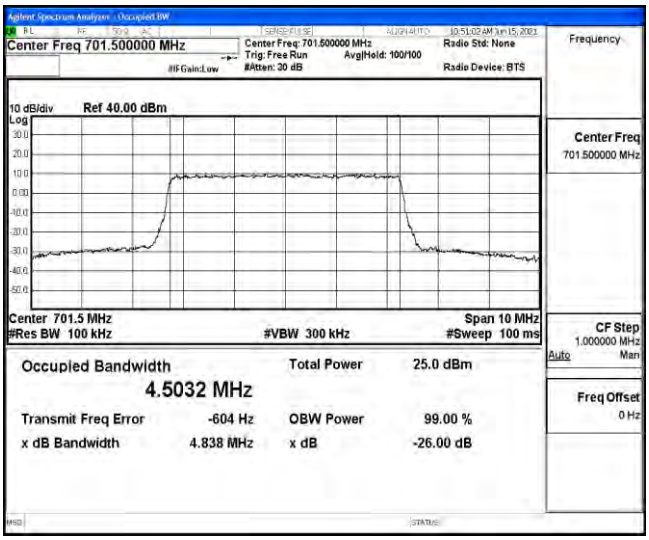


Band12-5MHz-16QAM-23035-25RB#0



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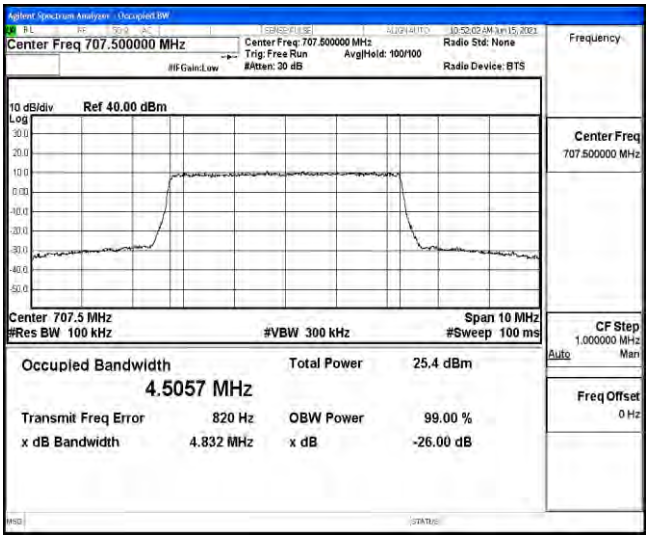

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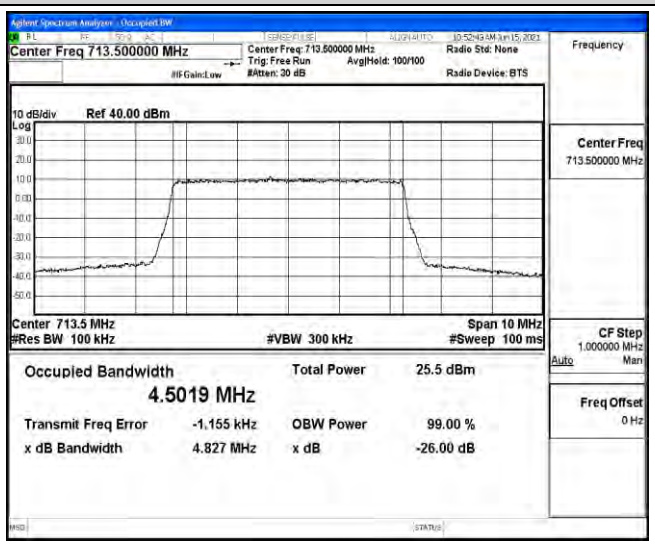

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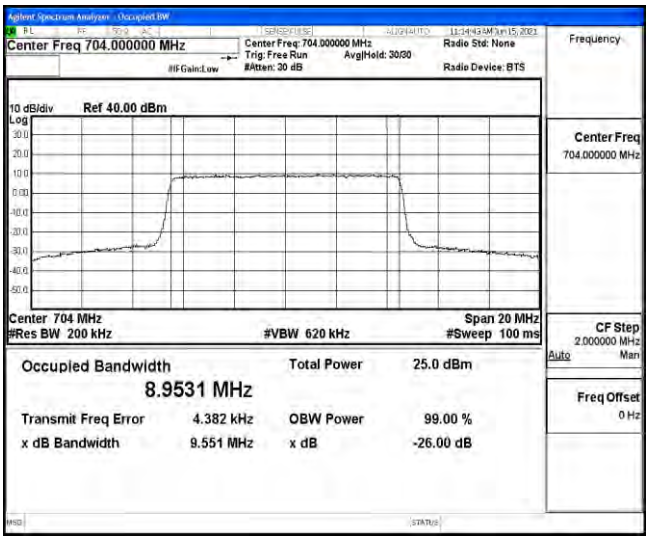

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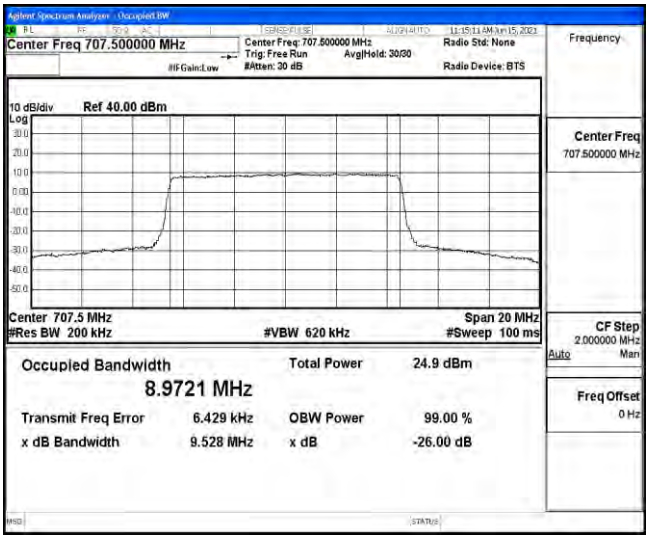
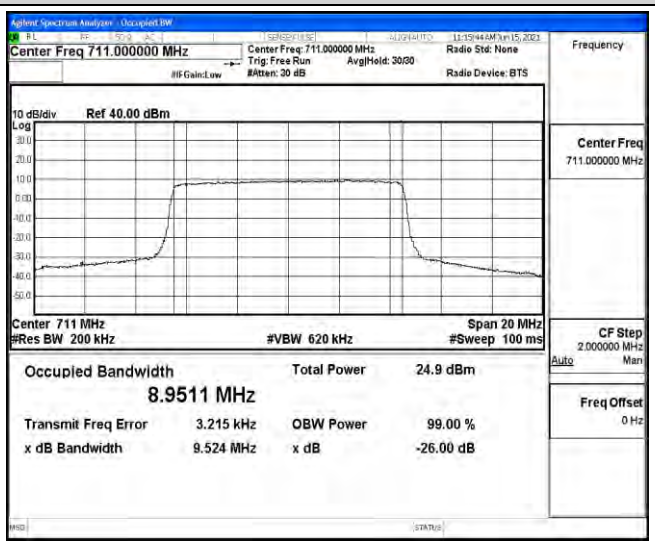
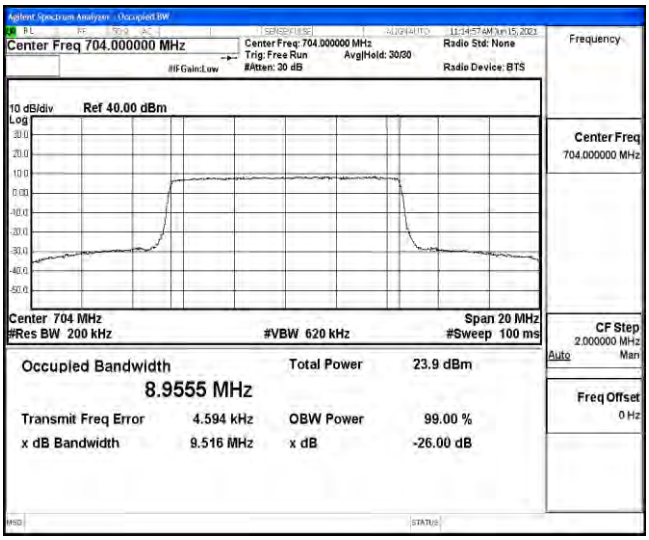


Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



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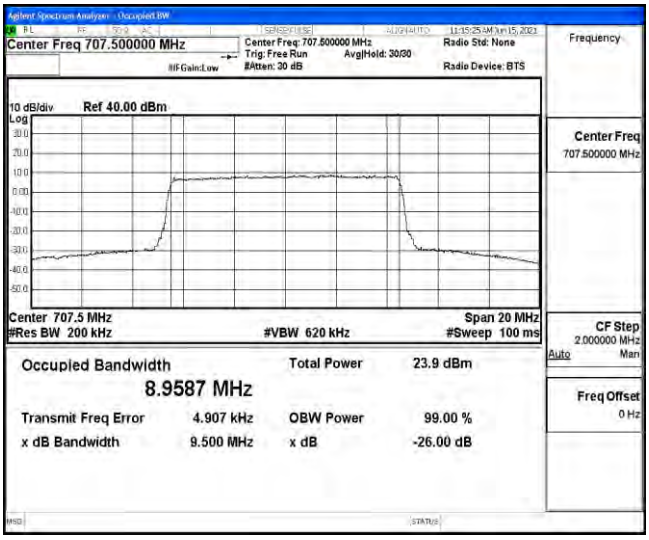
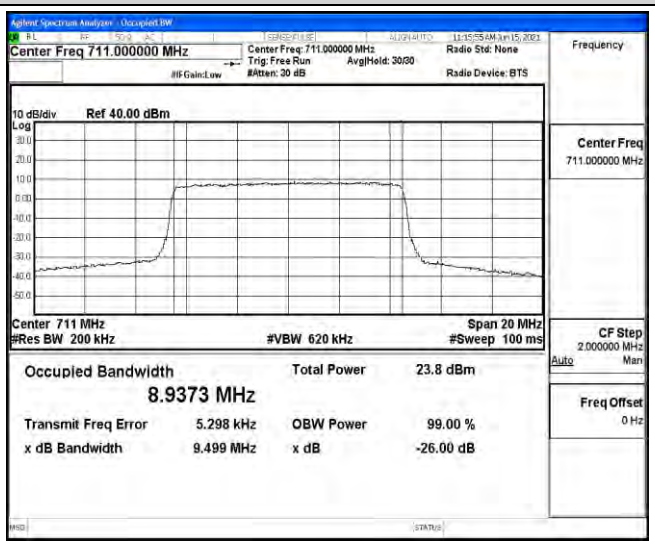


Band12-10MHz-16QAM-23130-50RB#0



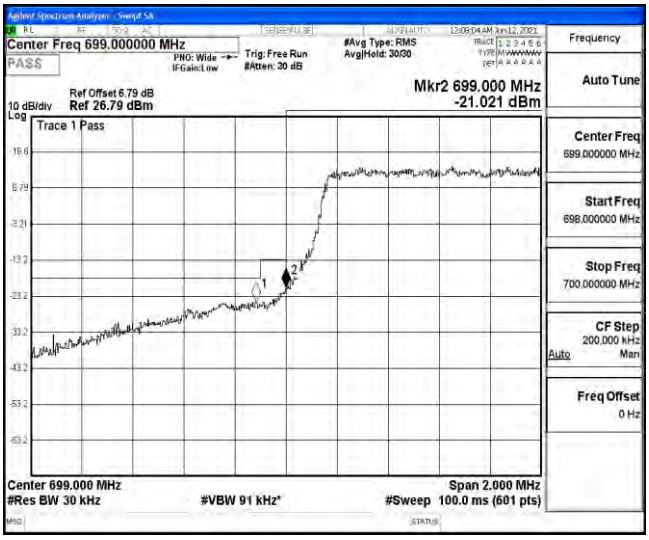
D.4 Band Edge

Test Result

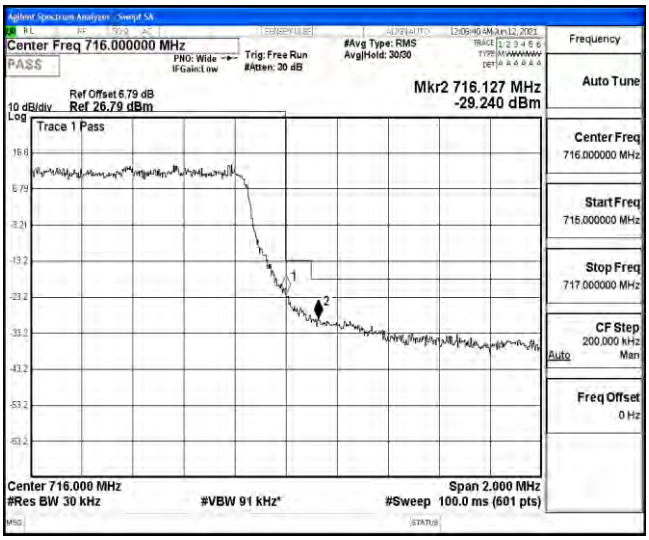
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-24.76,-21.02	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-22.46,-29.24	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-26.30,-23.43	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-22.09,-29.42	PASS
Band12	3MHz	QPSK	23025	15RB#0	-27.02,-19.36	PASS
Band12	3MHz	QPSK	23165	15RB#0	-20.07,-32.68	PASS
Band12	3MHz	16QAM	23025	15RB#0	-27.95,-20.86	PASS
Band12	3MHz	16QAM	23165	15RB#0	-21.49,-34.55	PASS
Band12	5MHz	QPSK	23035	25RB#0	-20.68	PASS
Band12	5MHz	QPSK	23155	25RB#0	-20.08	PASS
Band12	5MHz	16QAM	23035	25RB#0	-20.82	PASS
Band12	5MHz	16QAM	23155	25RB#0	-21.23	PASS
Band12	10MHz	QPSK	23060	50RB#0	-24.71,-22.84	PASS
Band12	10MHz	QPSK	23130	50RB#0	-24.96,-26.79	PASS
Band12	10MHz	16QAM	23060	50RB#0	-27.26,-24.07	PASS
Band12	10MHz	16QAM	23130	50RB#0	-25.55,-28.00	PASS

Test Graphs

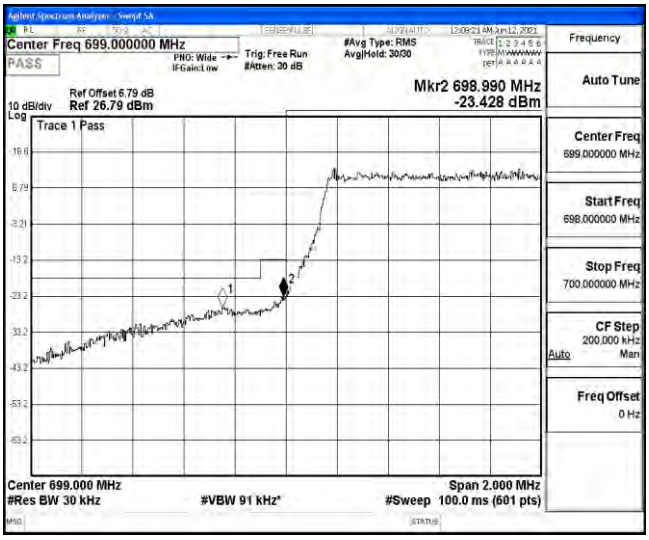
Band12-1.4MHz-QPSK-23017-6RB#0



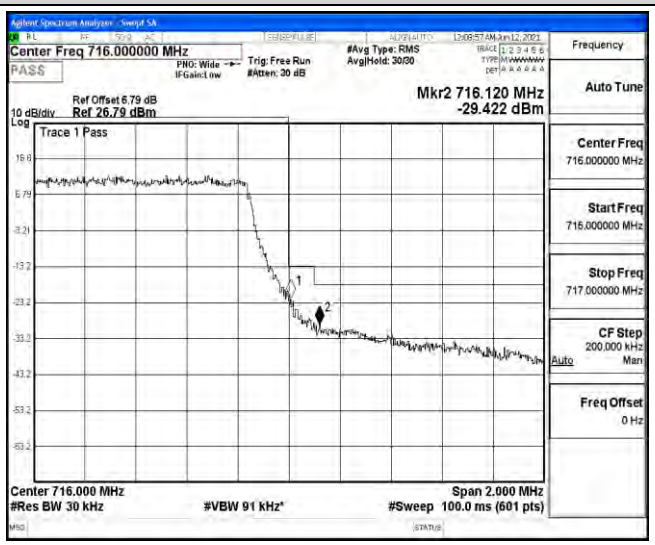
Band12-1.4MHz-QPSK-23173-6RB#0



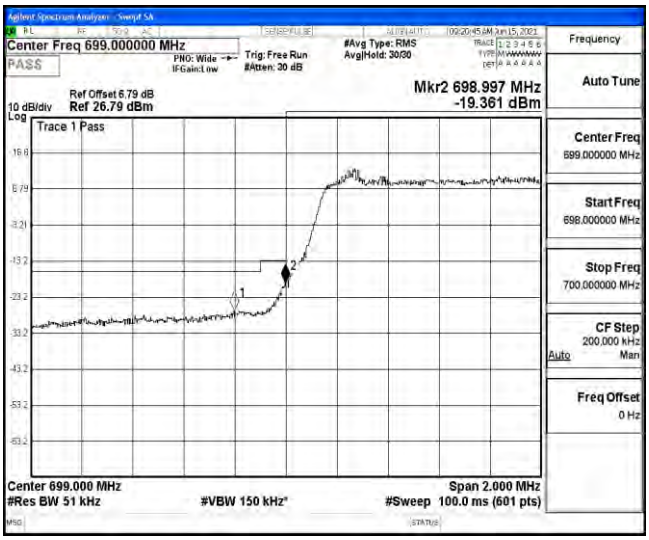
Band12-1.4MHz-16QAM-23017-6RB#0



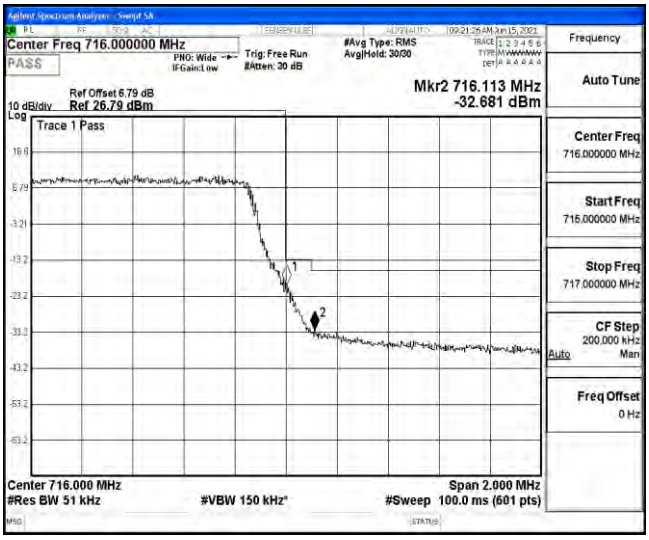
Band12-1.4MHz-16QAM-23173-6RB#0



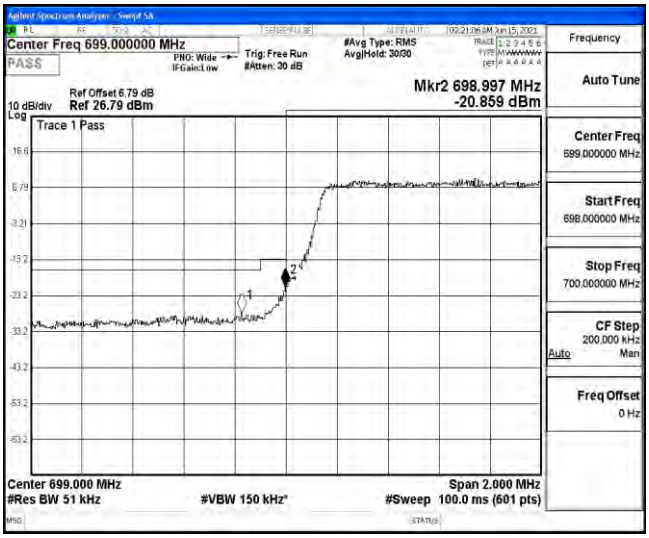
Band12-3MHz-QPSK-23025-15RB#0



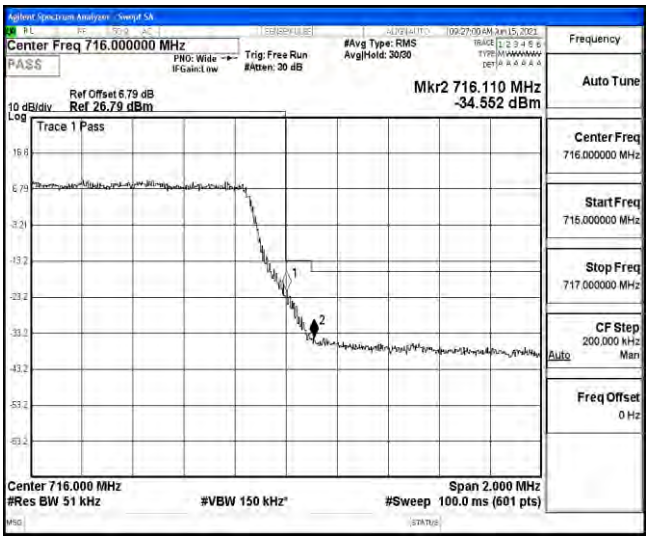
Band12-3MHz-QPSK-23165-15RB#0



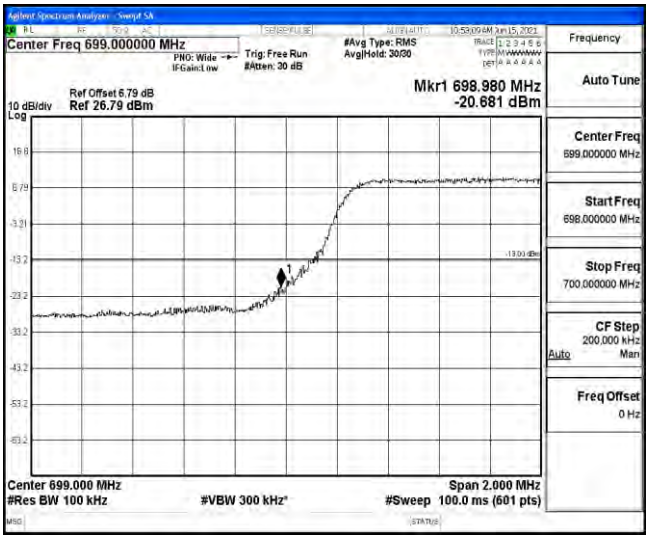
Band12-3MHz-16QAM-23025-15RB#0



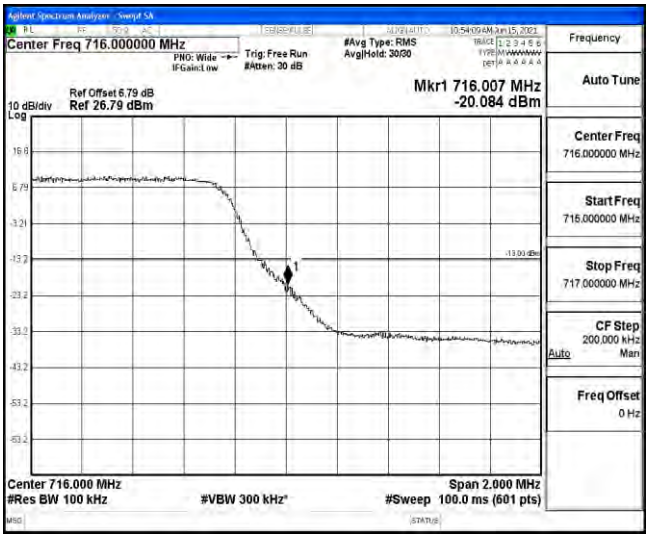
Band12-3MHz-16QAM-23165-15RB#0



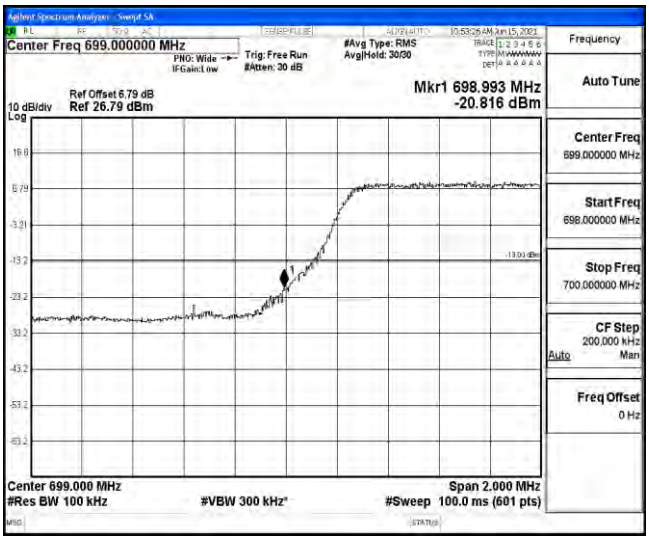
Band12-5MHz-QPSK-23035-25RB#0



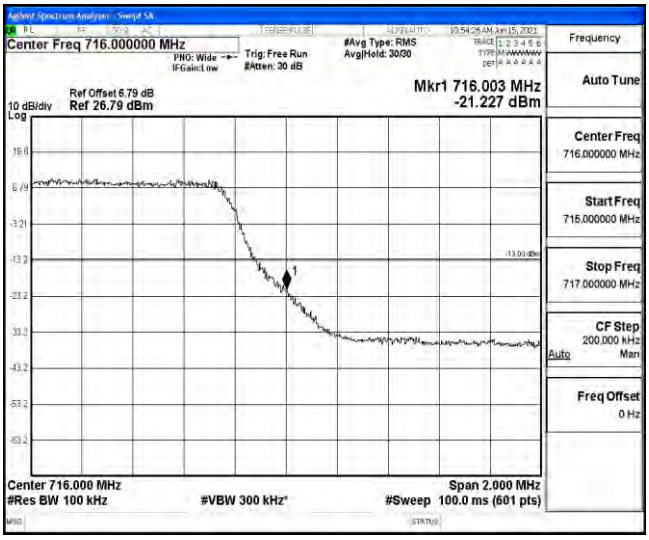
Band12-5MHz-QPSK-23155-25RB#0



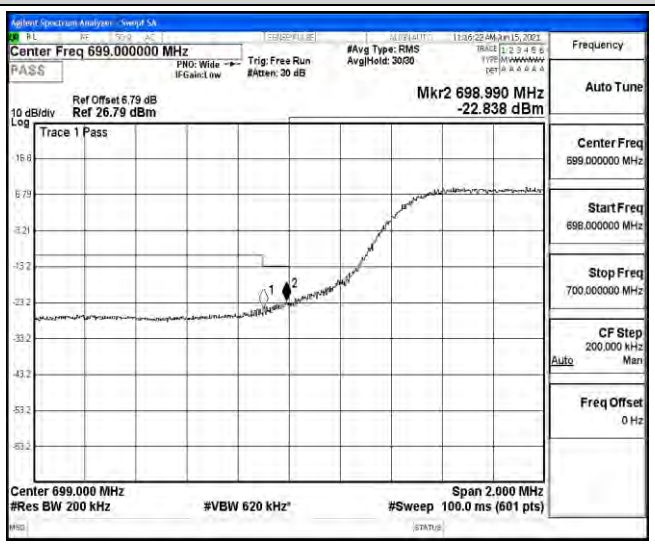
Band12-5MHz-16QAM-23035-25RB#0



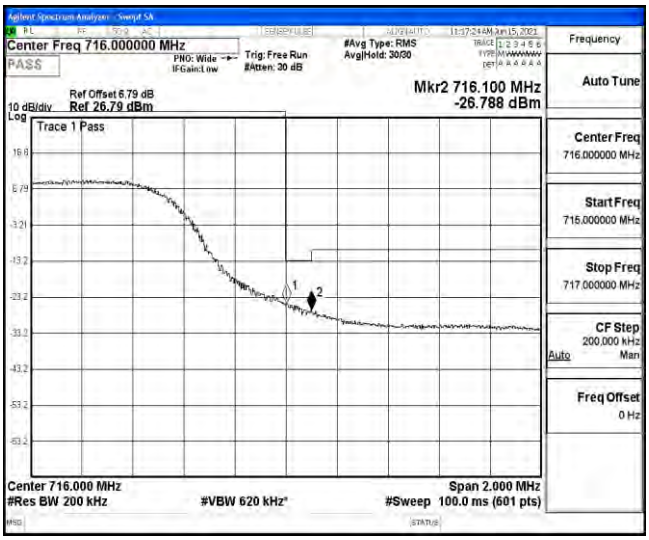
Band12-5MHz-16QAM-23155-25RB#0



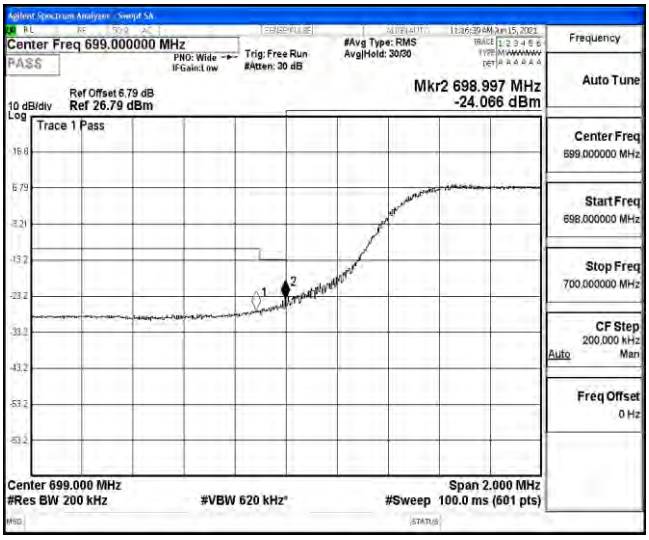
Band12-10MHz-QPSK-23060-50RB#0



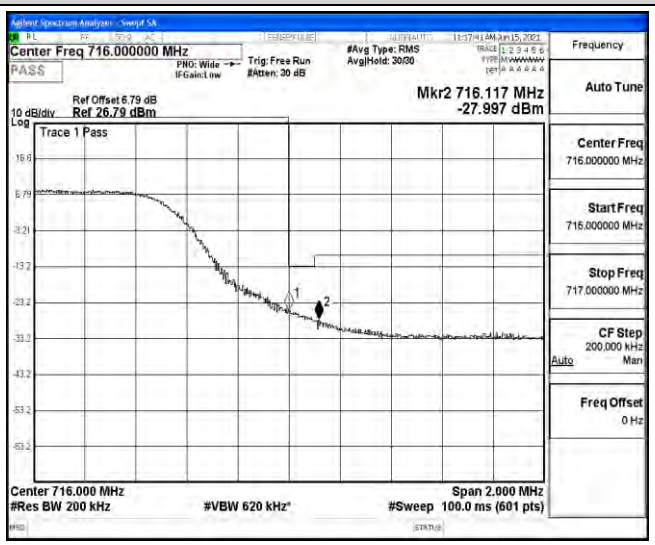
Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



D.5 Conducted Spurious Emission

Test Result

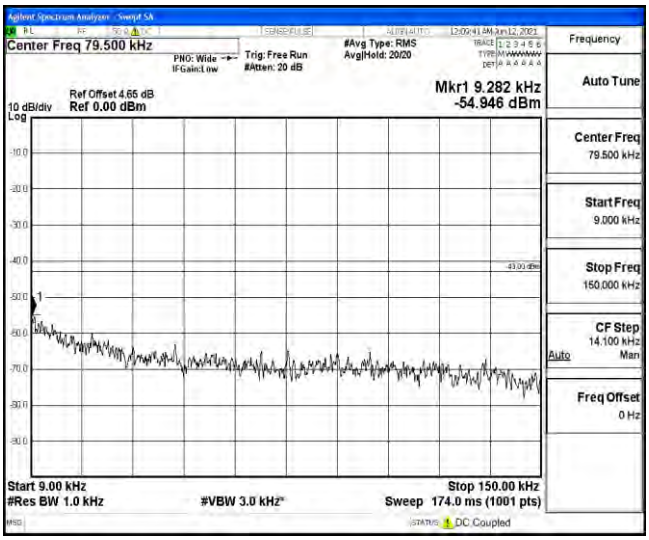
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:0.009~0.15MHz	-54.95	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-52.32	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-40.87	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-44.4	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.05	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-49.52	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.72	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.48	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-54.4	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-51.13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-44.4	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-53.65	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-50.96	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-40.7	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-52.78	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.5	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.83	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.45	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-56.46	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-50.6	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-40.19	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-44.48	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-53.79	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-51.34	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-40.39	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-44.33	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.23	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.95	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.22	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.4	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-54.39	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-51.93	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-40.09	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-44.43	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-55.91	PASS

Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-50.72	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.47	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-44.34	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-53.31	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-52.8	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.03	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.5	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-55.2	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-49.93	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-40.25	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-44.53	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-53.18	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-50.69	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-40.21	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-44.33	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.19	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-50.09	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.11	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-55.76	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-51.5	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-41.26	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-44.46	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-55.17	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-52.08	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-40.88	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-44.47	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.17	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.18	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.06	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.37	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-53.97	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-50.86	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-40.52	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-44.42	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-55.41	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-49.68	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-39.43	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-44.53	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.86	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-49.41	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.3	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.34	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-53.94	PASS

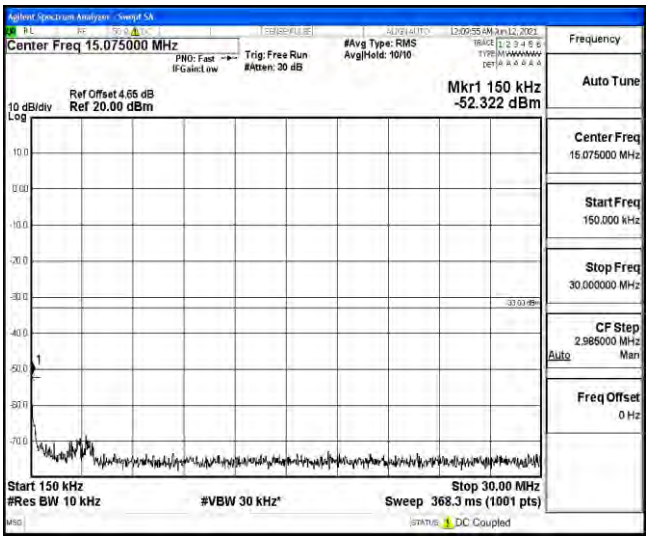
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-50.93	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-41.03	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-44.54	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-54.65	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-49.7	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-40.06	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-44.56	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.68	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.08	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.01	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.57	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-54.47	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-51.04	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-41.04	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-44.53	PASS

Test Graphs

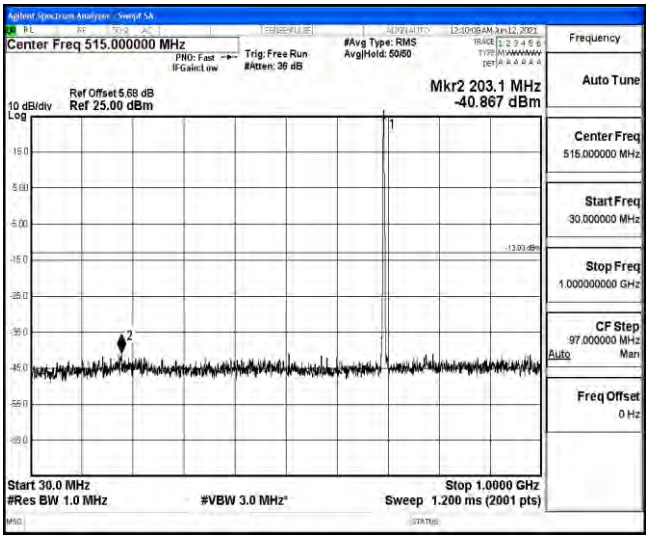
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:0.009~0.15MHz



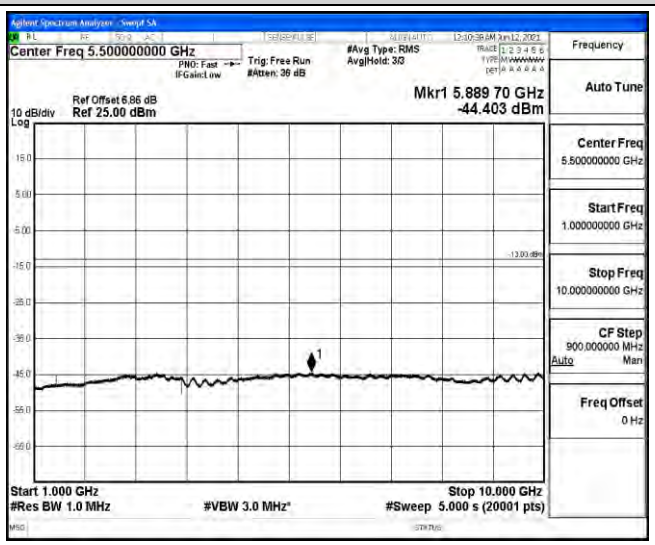
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:0.15~30MHz



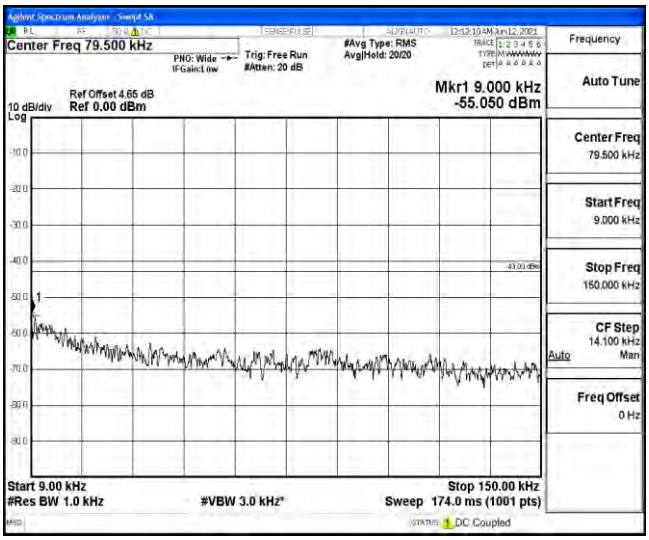
Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz



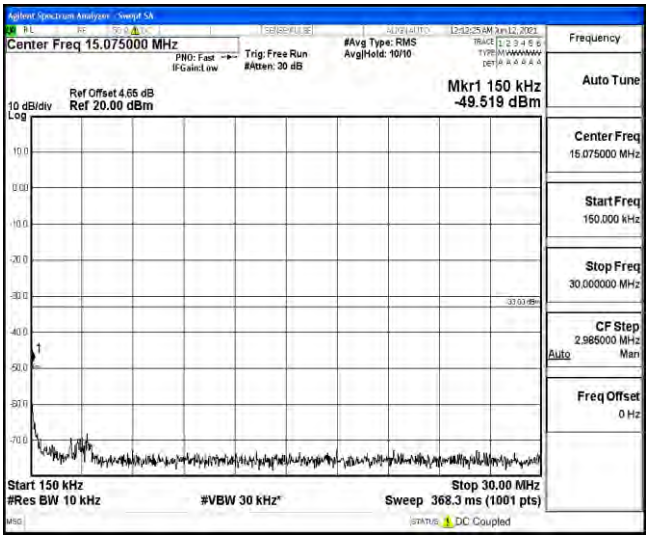
Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz



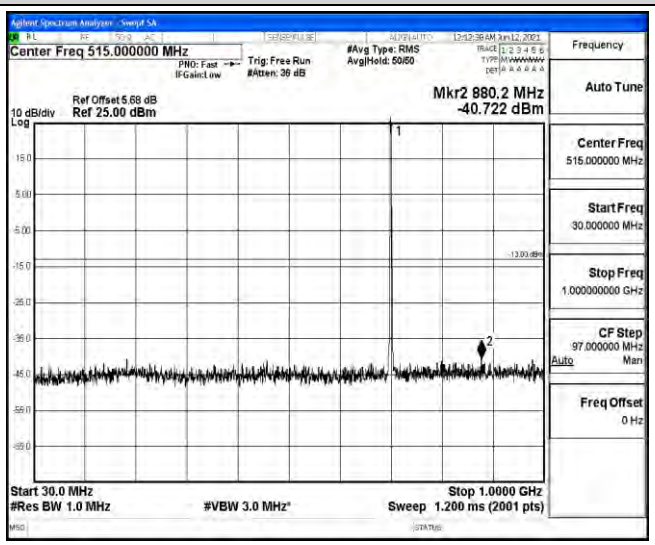
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



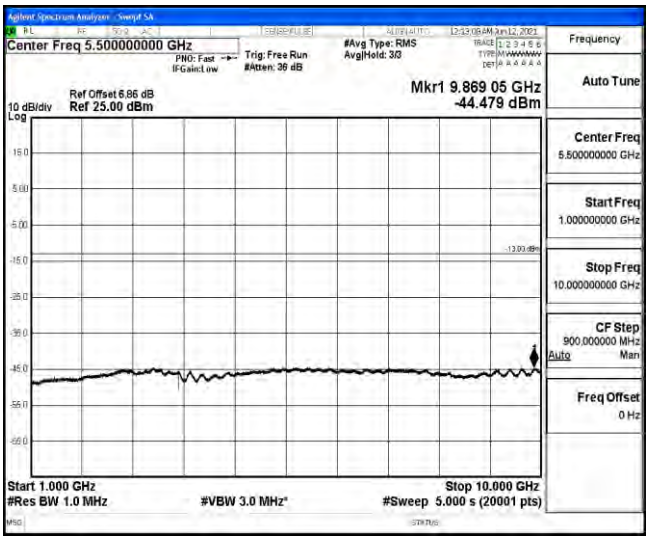
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



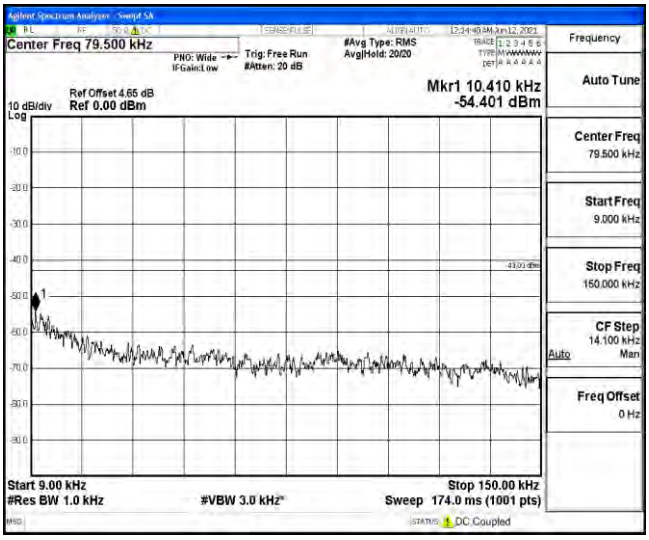
Band12-1.4MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



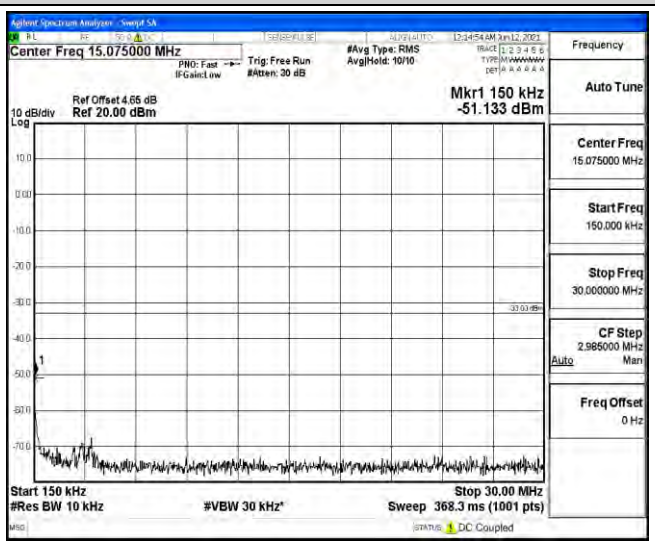
Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



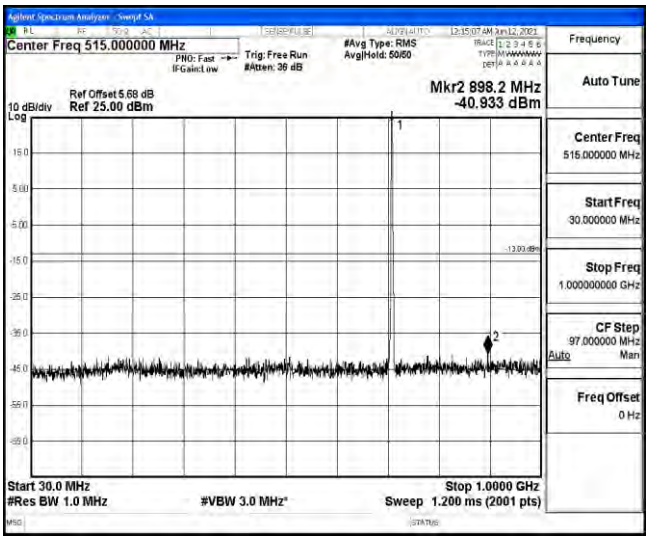
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:0.009~0.15MHz



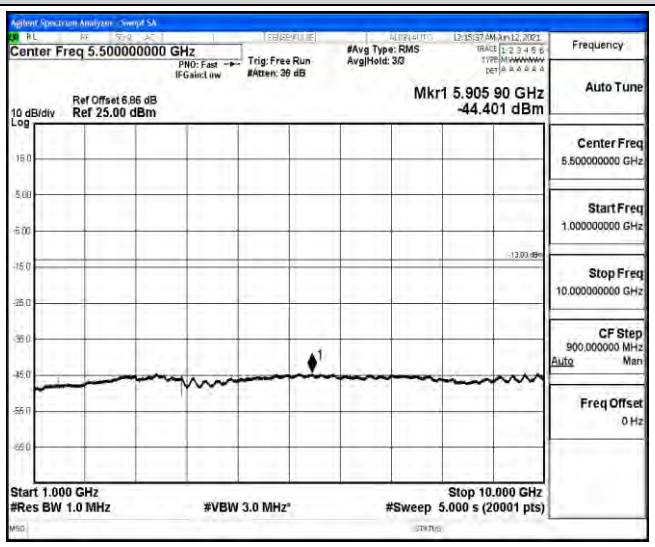
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:0.15~30MHz



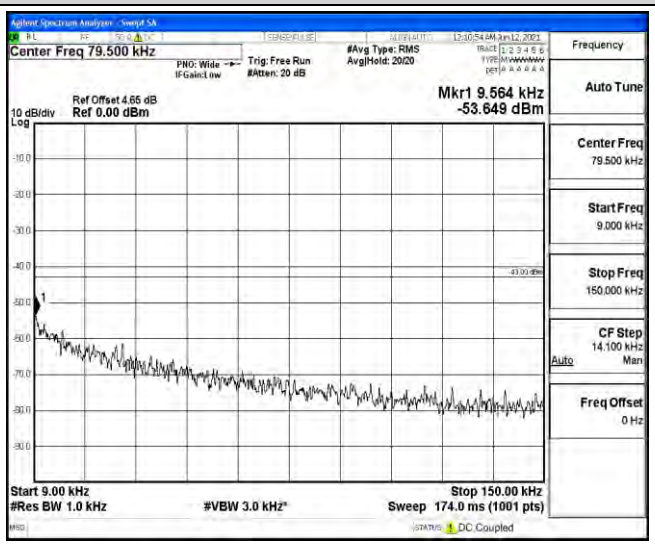
Band12-1.4MHz-QPSK-23173-1RB#0-Range3:30~1000MHz



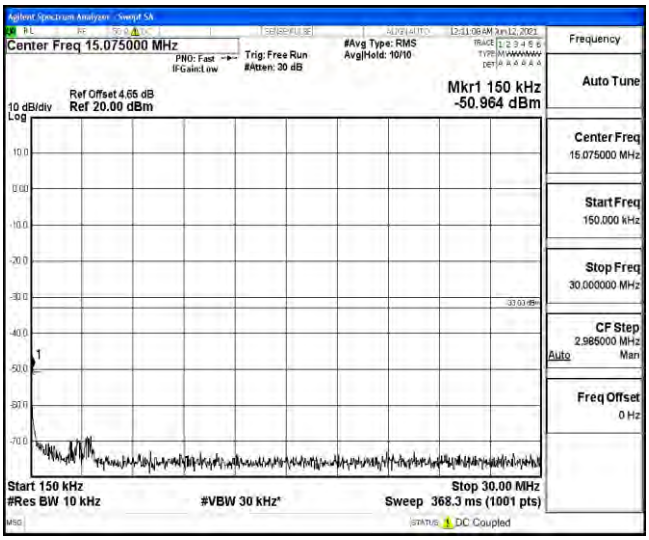
Band12-1.4MHz-QPSK-23173-1RB#0-Range4:1000~10000MHz



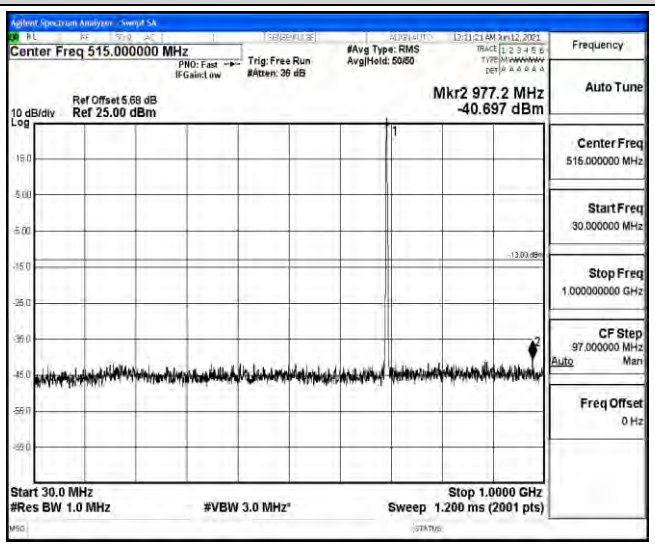
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:0.009~0.15MHz



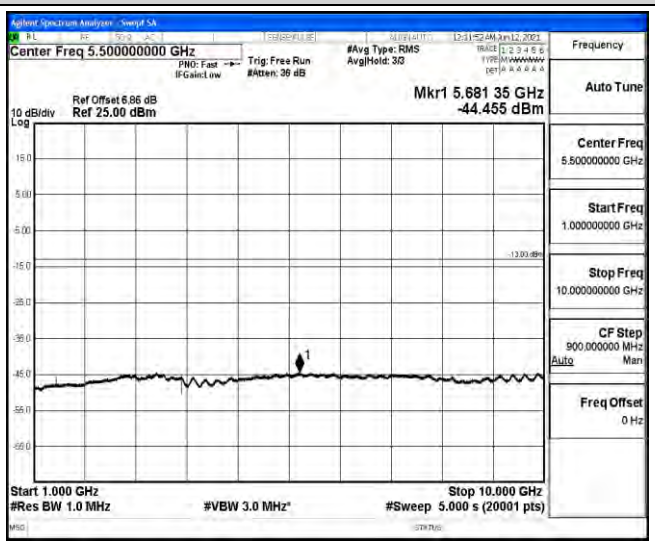
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:0.15~30MHz



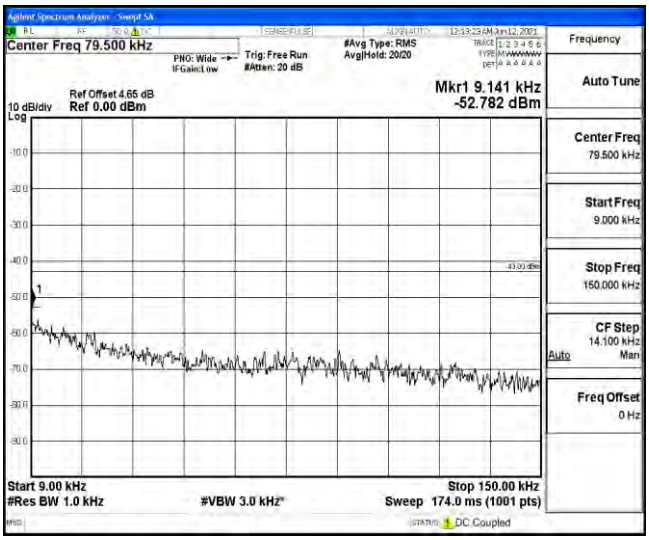
Band12-1.4MHz-16QAM-23017-1RB#0-Range3:30~1000MHz



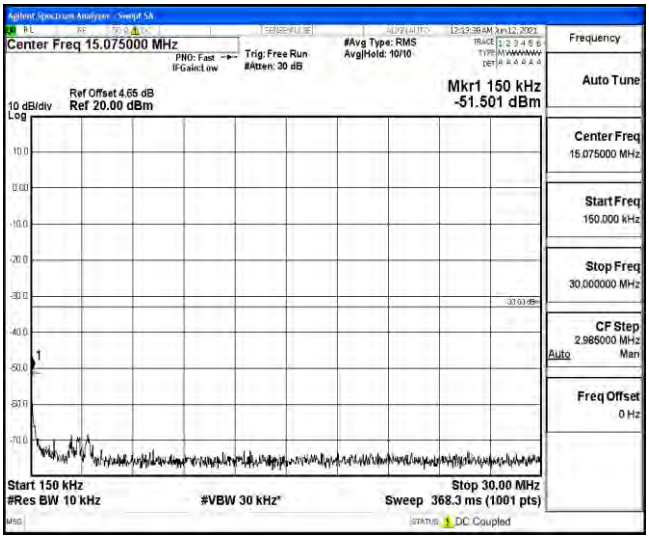
Band12-1.4MHz-16QAM-23017-1RB#0-Range4:1000~10000MHz



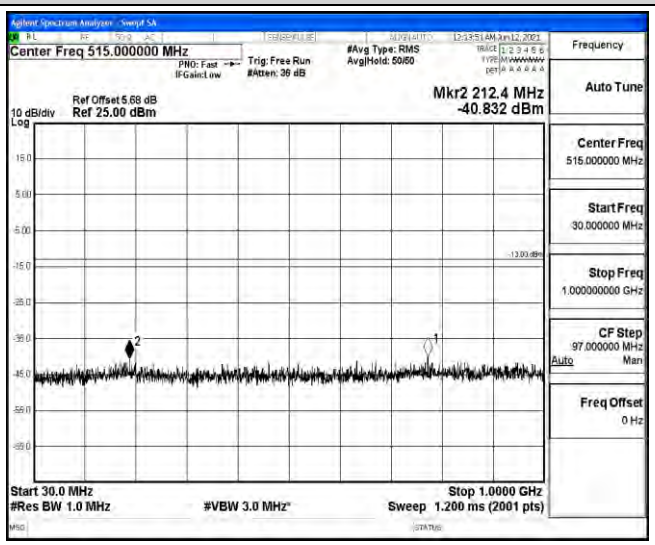
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



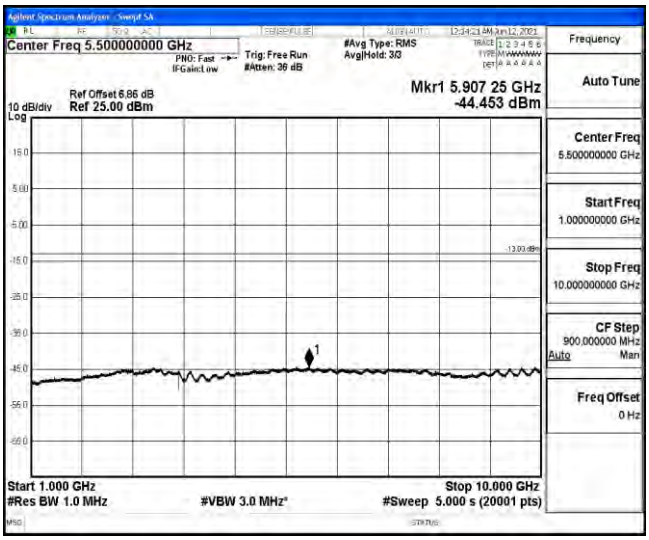
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



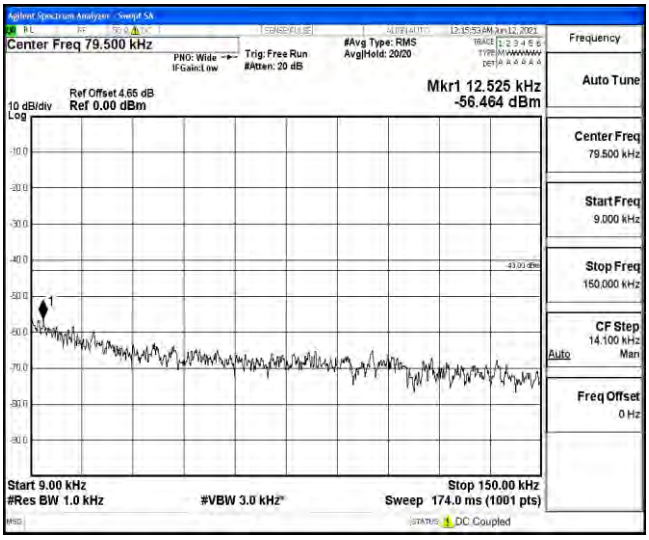
Band12-1.4MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



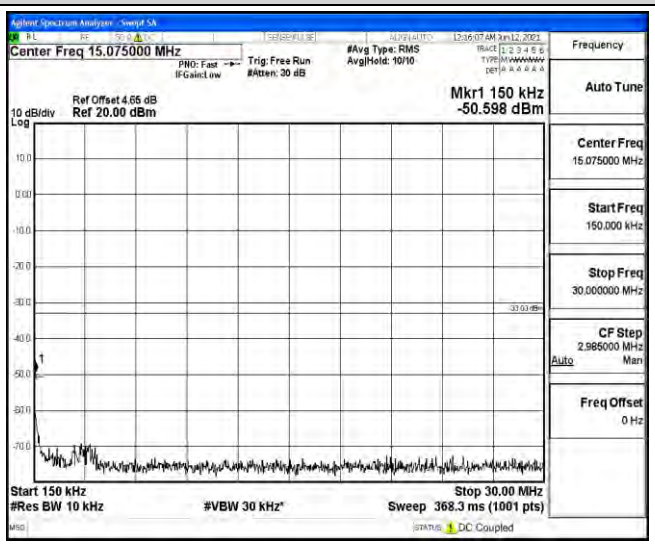
Band12-1.4MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



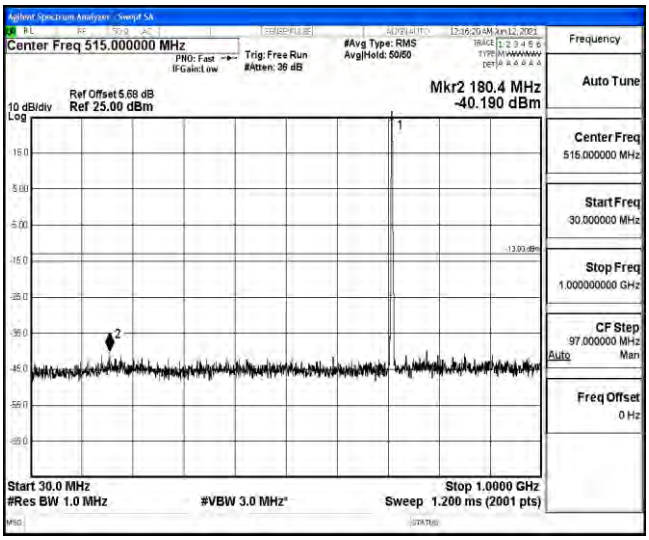
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:0.009~0.15MHz



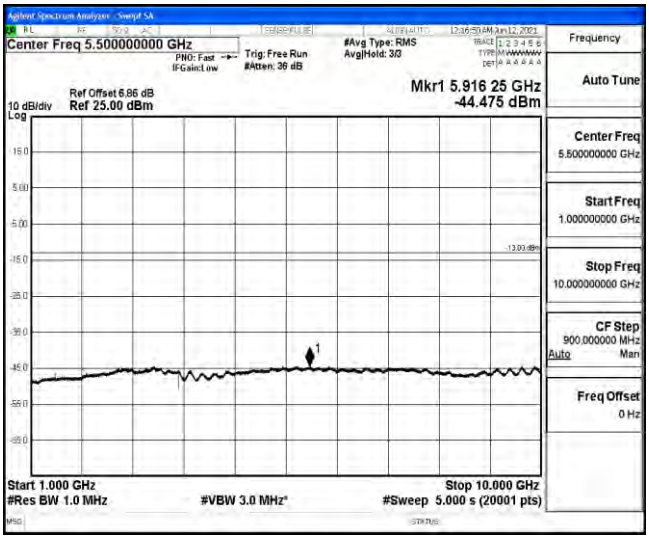
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:0.15~30MHz



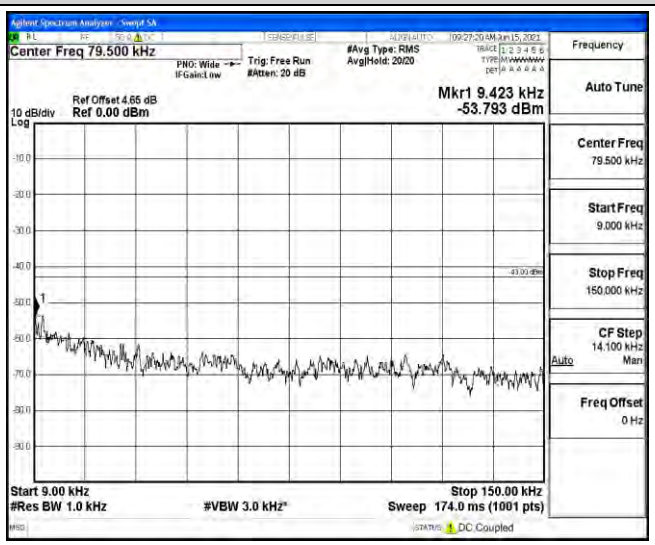
Band12-1.4MHz-16QAM-23173-1RB#0-Range3:30~1000MHz



Band12-1.4MHz-16QAM-23173-1RB#0-Range4:1000~10000MHz

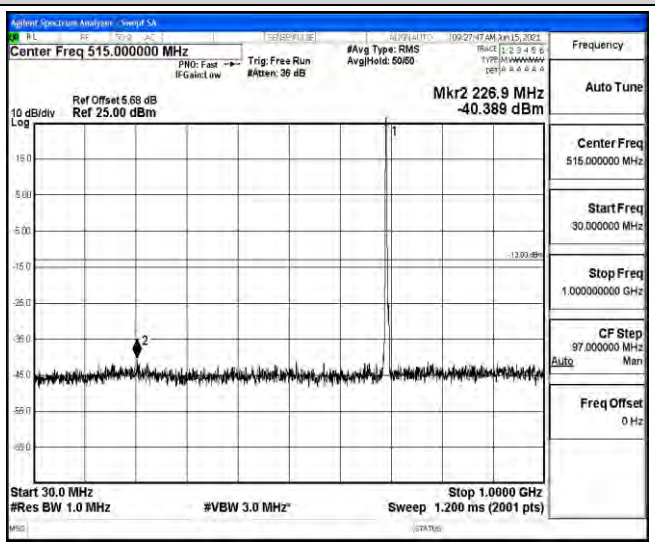


Band12-3MHz-QPSK-23025-1RB#0-Range1:0.009~0.15MHz

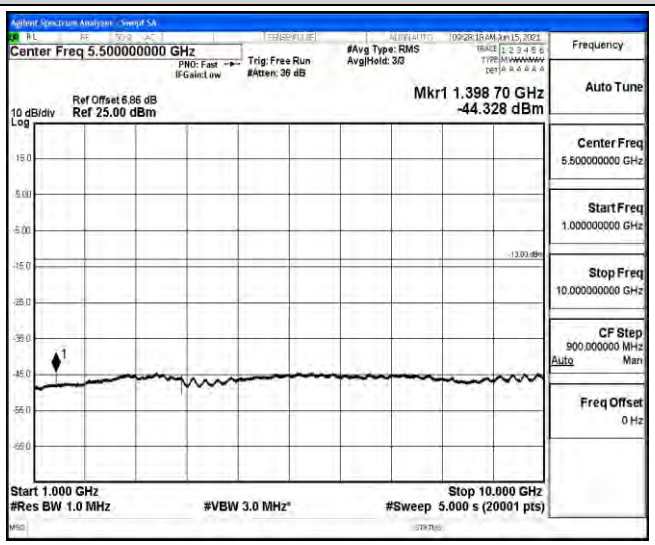


Band12-3MHz-QPSK-23025-1RB#0-Range2:0.15~30MHz

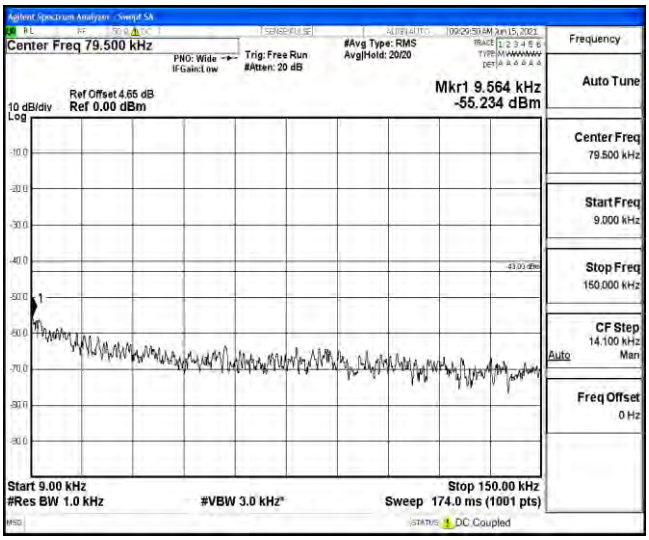
Band12-3MHz-QPSK-23025-1RB#0-Range3:30~1000MHz



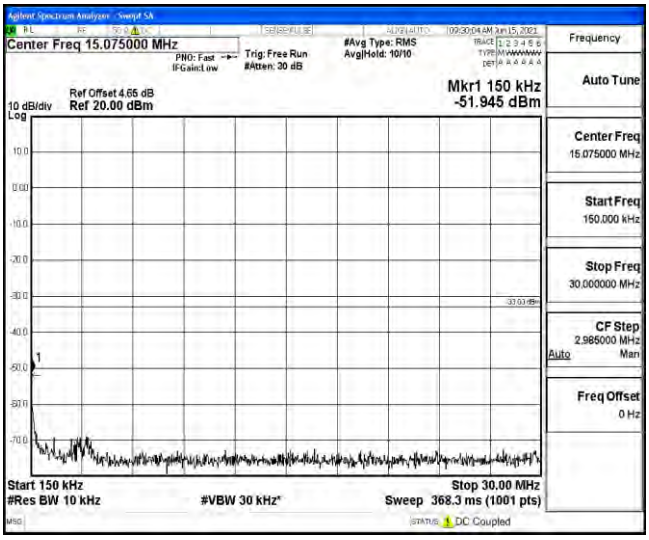
Band12-3MHz-QPSK-23025-1RB#0-Range4:1000~10000MHz



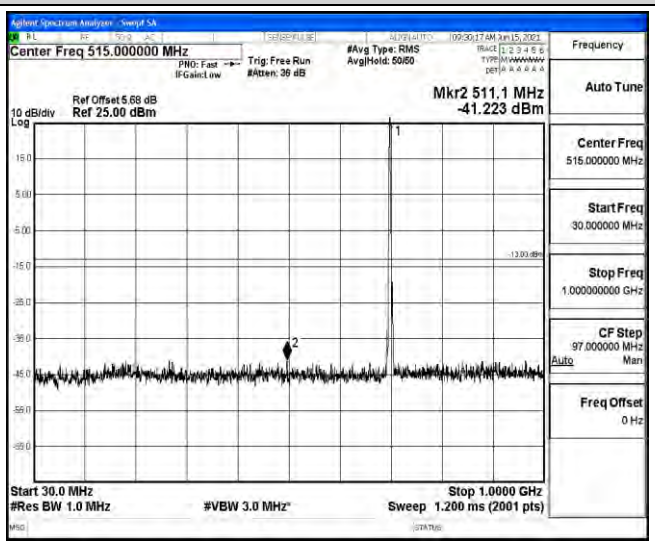
Band12-3MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



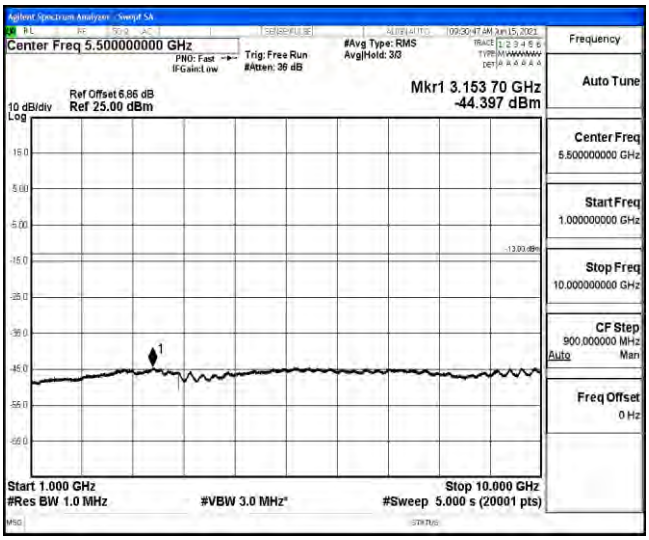
Band12-3MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



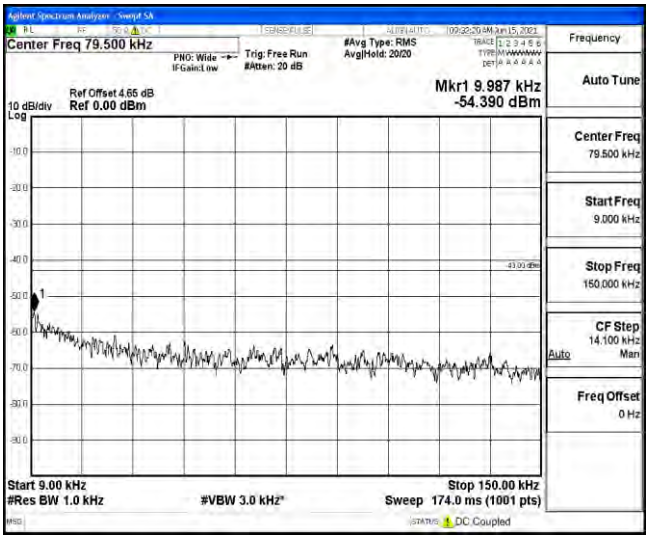
Band12-3MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



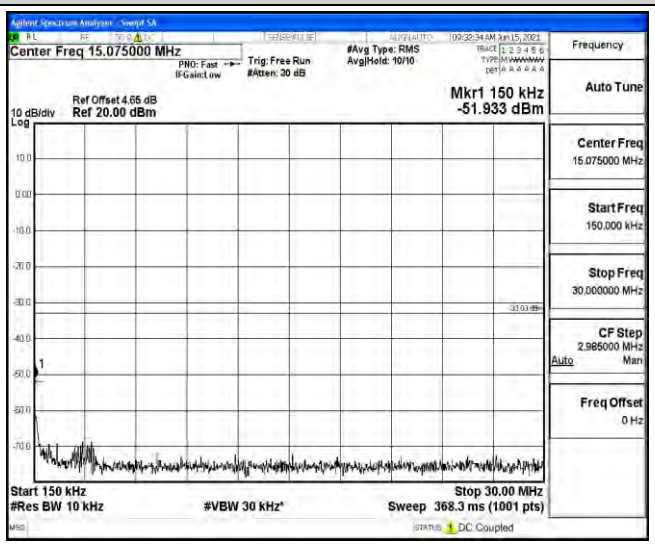
Band12-3MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



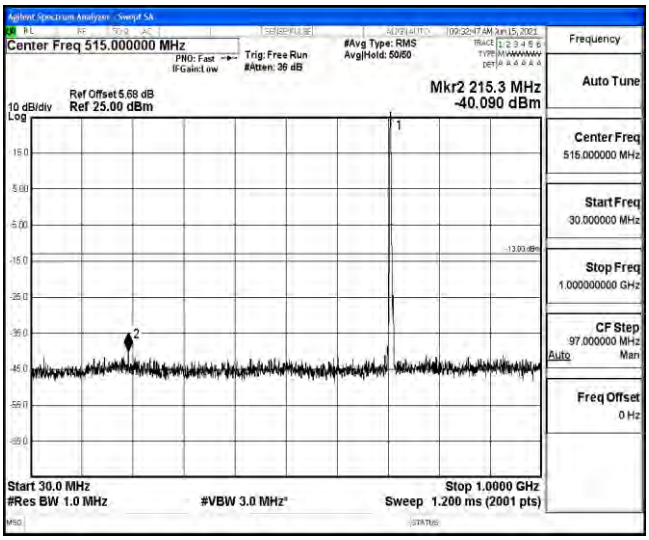
Band12-3MHz-QPSK-23165-1RB#0-Range1:0.009~0.15MHz



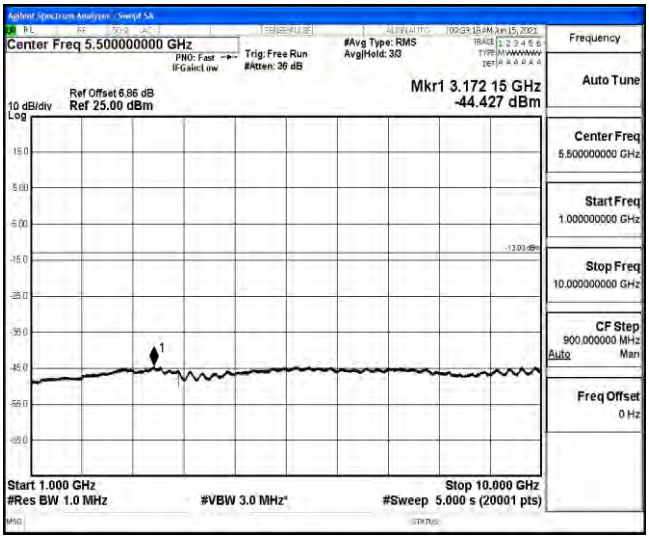
Band12-3MHz-QPSK-23165-1RB#0-Range2:0.15~30MHz



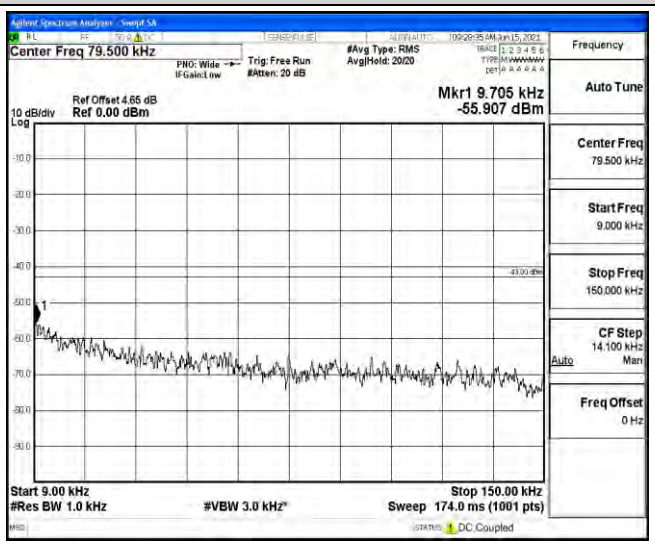
Band12-3MHz-QPSK-23165-1RB#0-Range3:30~1000MHz



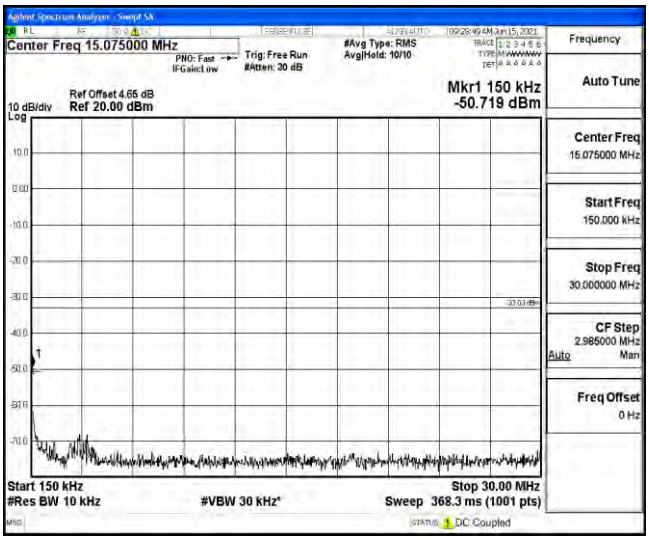
Band12-3MHz-QPSK-23165-1RB#0-Range4:1000~10000MHz



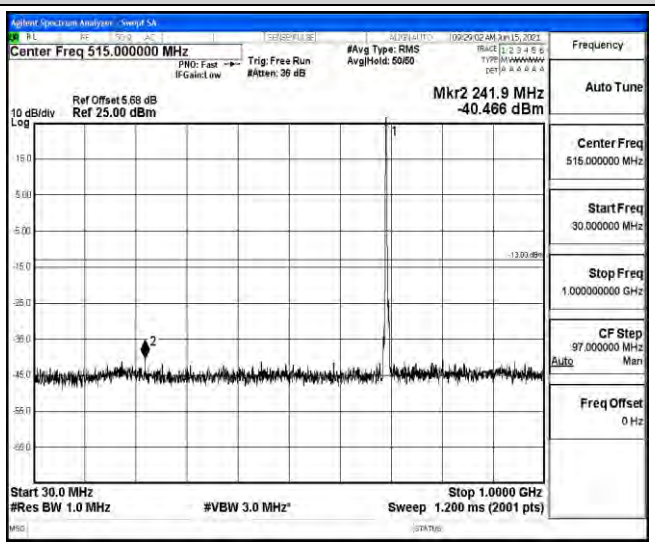
Band12-3MHz-16QAM-23025-1RB#0-Range1:0.009~0.15MHz



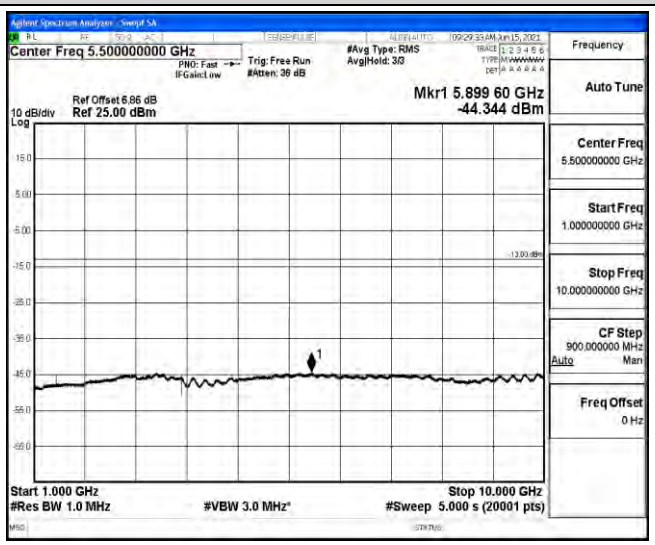
Band12-3MHz-16QAM-23025-1RB#0-Range2:0.15~30MHz



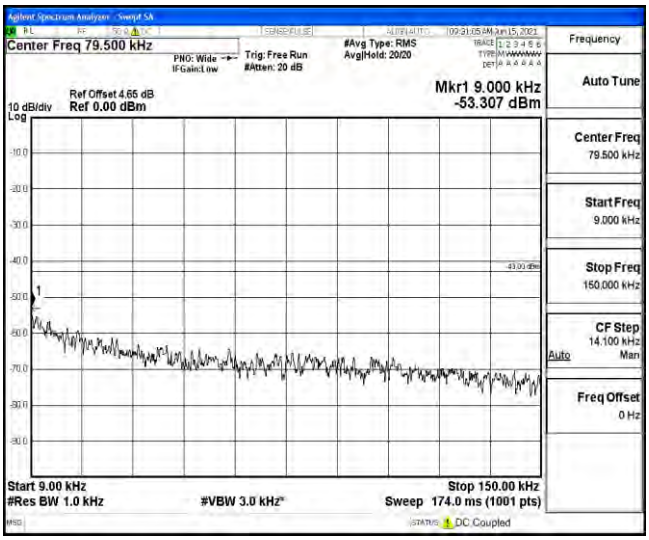
Band12-3MHz-16QAM-23025-1RB#0-Range3:30~1000MHz



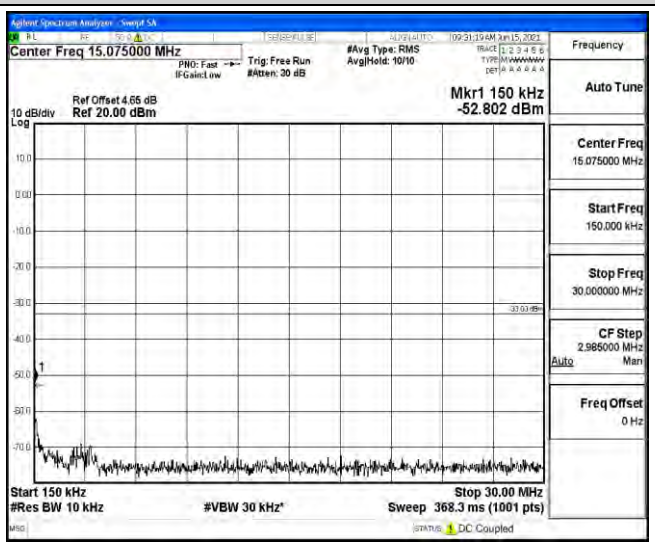
Band12-3MHz-16QAM-23025-1RB#0-Range4:1000~10000MHz



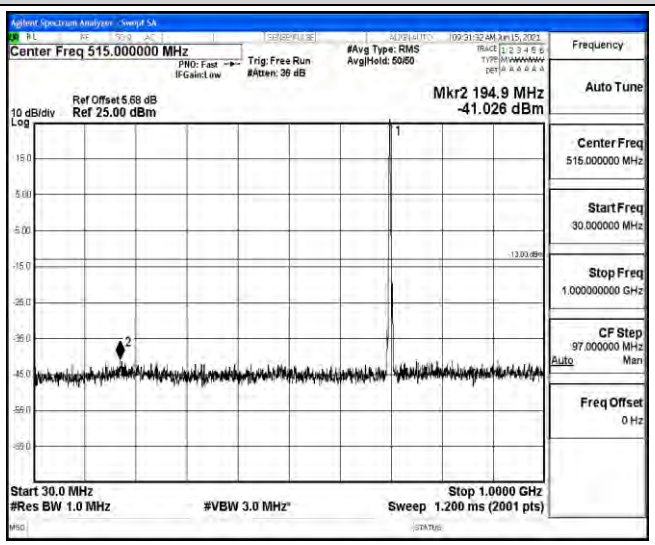
Band12-3MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



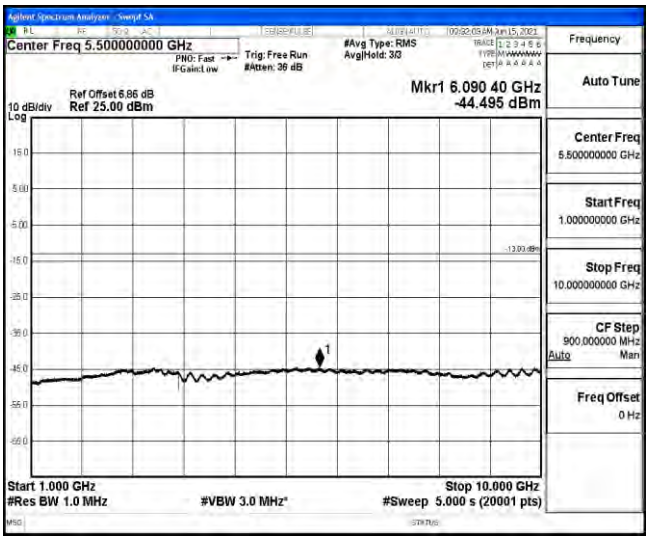
Band12-3MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



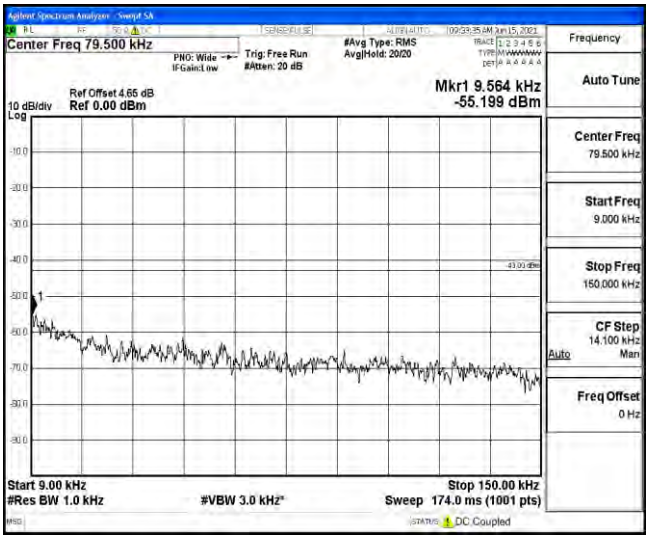
Band12-3MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



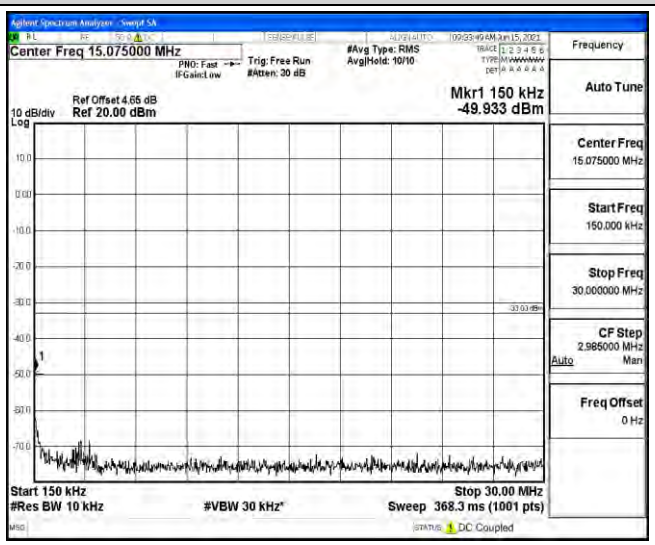
Band12-3MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



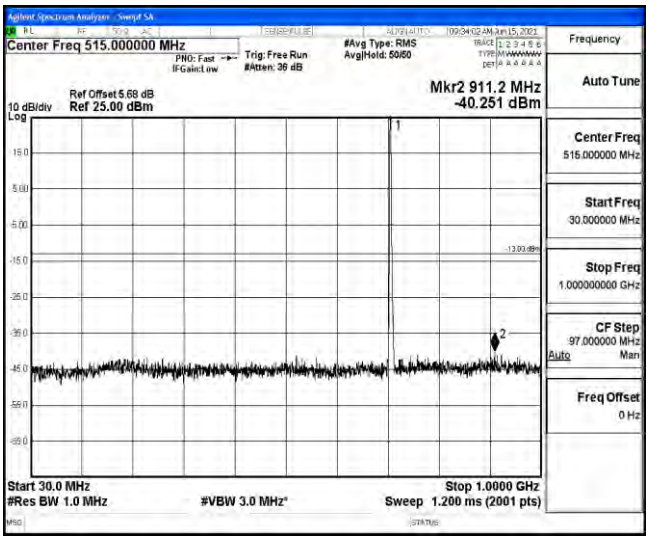
Band12-3MHz-16QAM-23165-1RB#0-Range1:0.009~0.15MHz



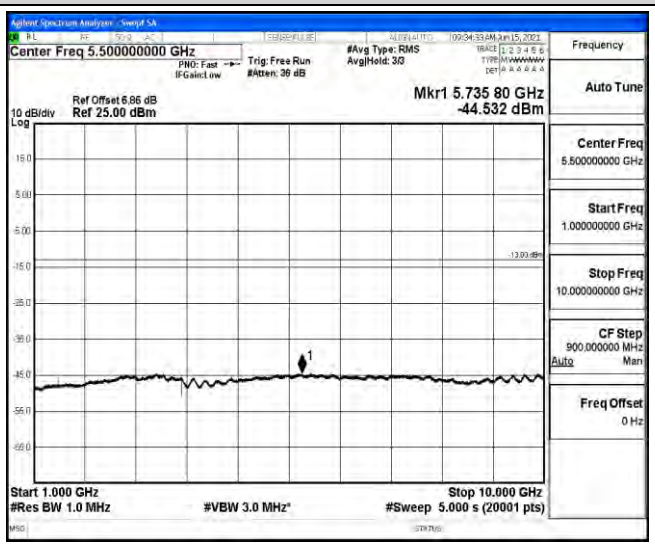
Band12-3MHz-16QAM-23165-1RB#0-Range2:0.15~30MHz



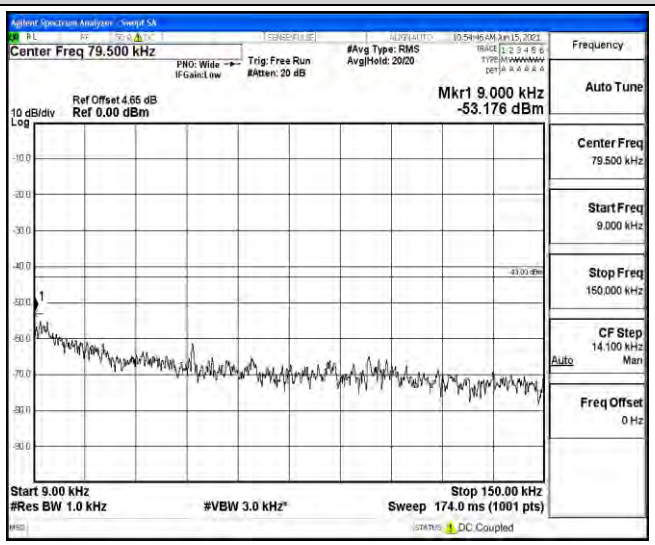
Band12-3MHz-16QAM-23165-1RB#0-Range3:30~1000MHz



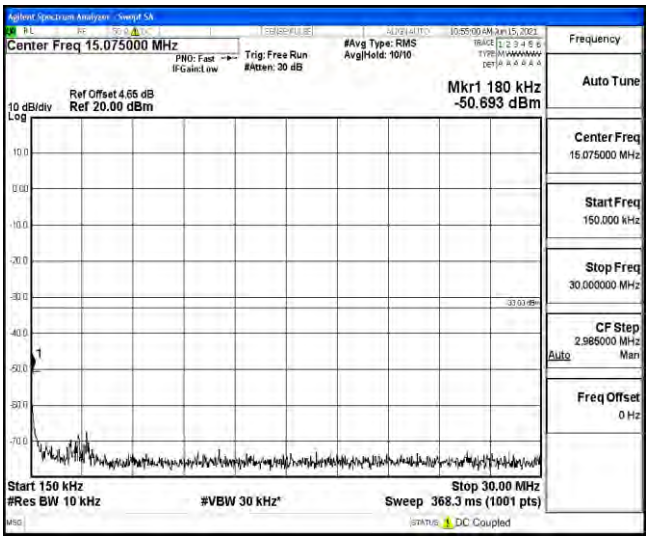
Band12-3MHz-16QAM-23165-1RB#0-Range4:1000~10000MHz



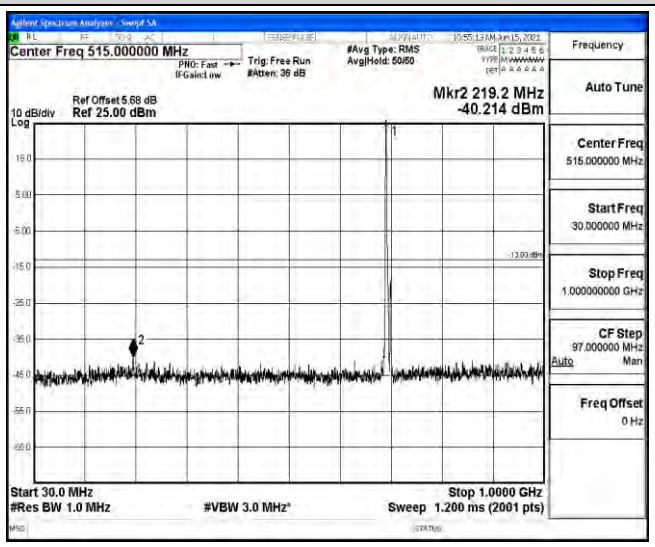
Band12-5MHz-QPSK-23035-1RB#0-Range1:0.009~0.15MHz



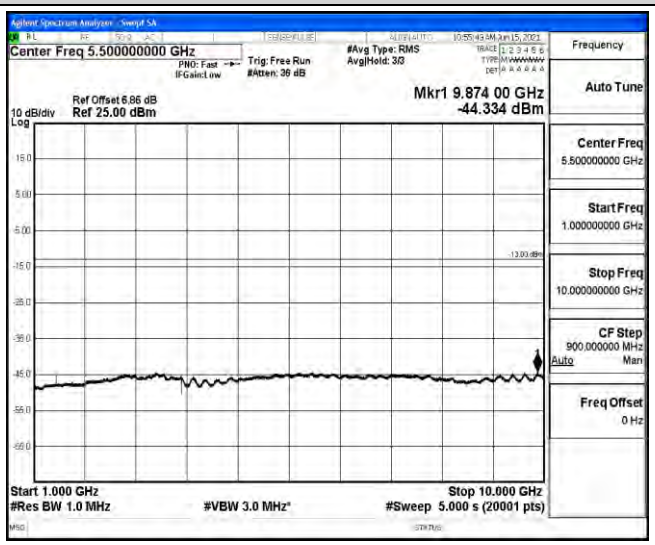
Band12-5MHz-QPSK-23035-1RB#0-Range2:0.15~30MHz



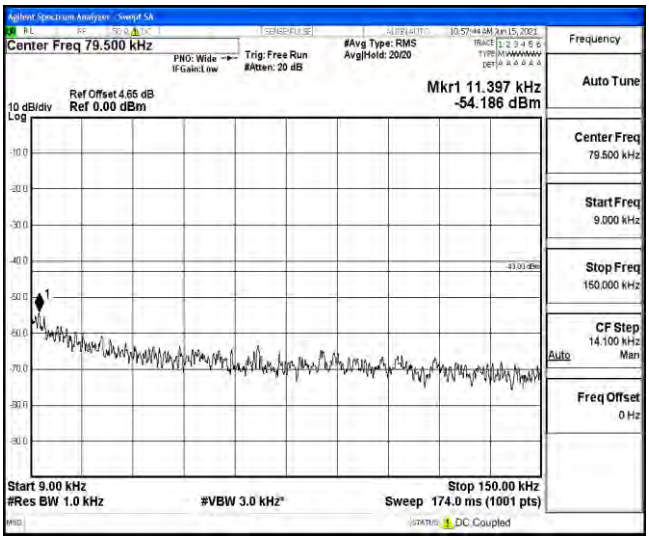
Band12-5MHz-QPSK-23035-1RB#0-Range3:30~1000MHz



Band12-5MHz-QPSK-23035-1RB#0-Range4:1000~10000MHz

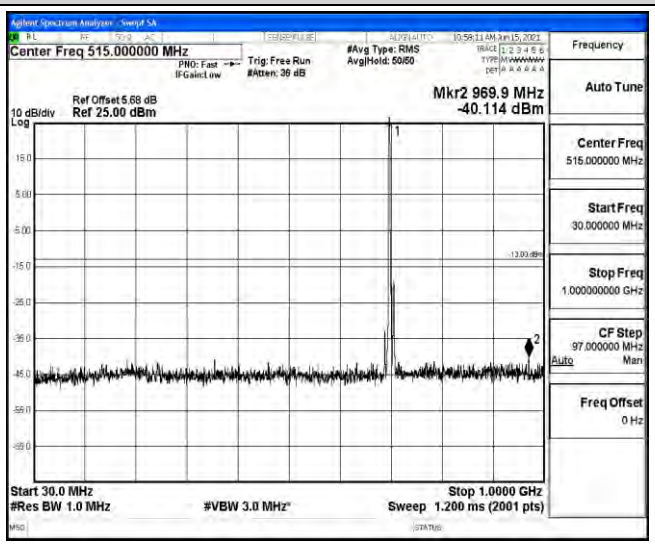


Band12-5MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

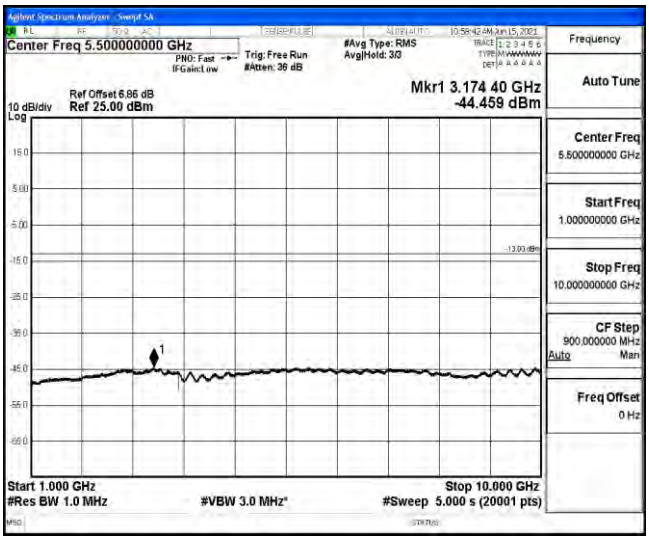


Band12-5MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz

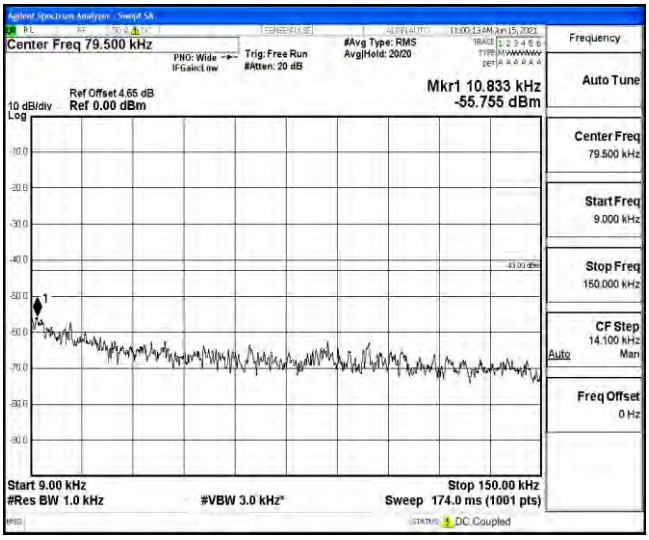
Band12-5MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



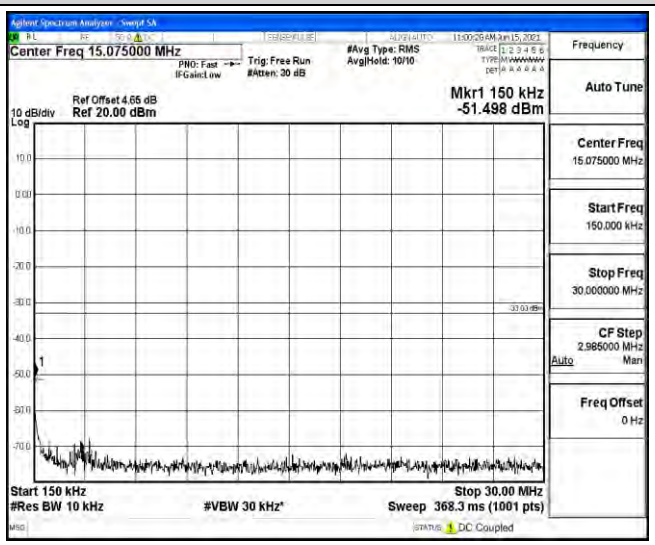
Band12-5MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



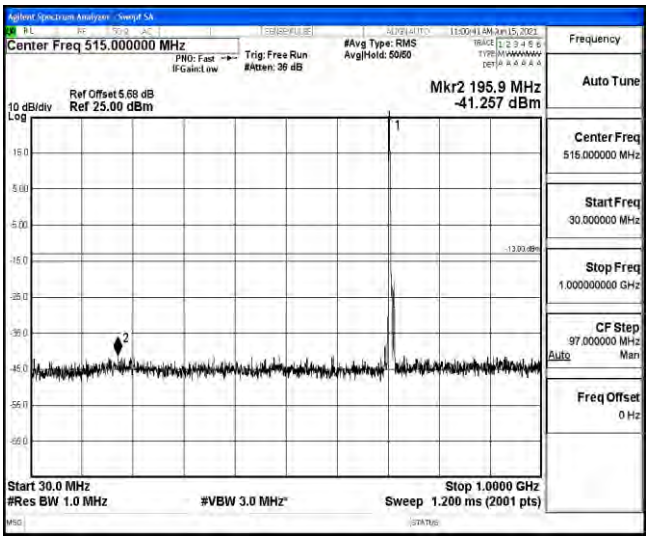
Band12-5MHz-QPSK-23155-1RB#0-Range1:0.009~0.15MHz



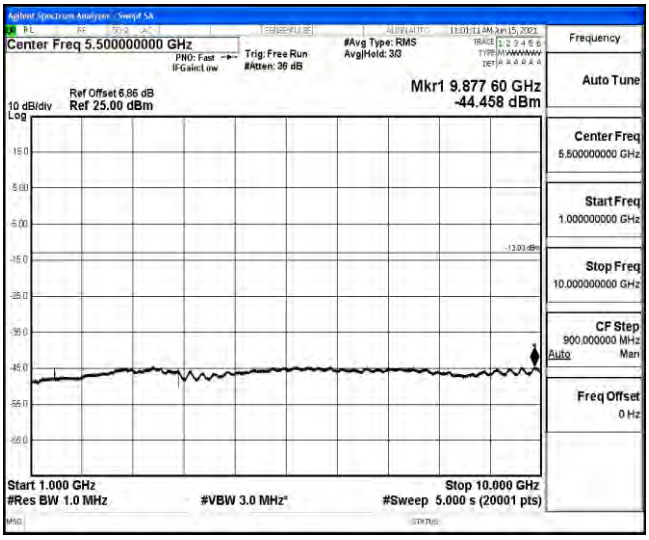
Band12-5MHz-QPSK-23155-1RB#0-Range2:0.15~30MHz



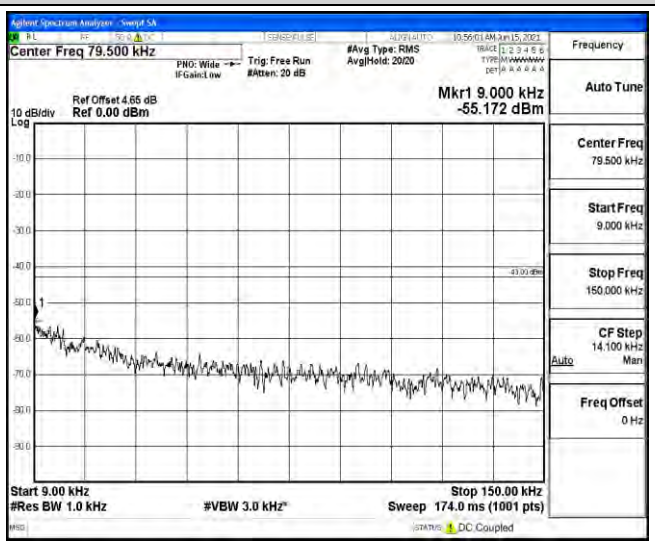
Band12-5MHz-QPSK-23155-1RB#0-Range3:30~1000MHz



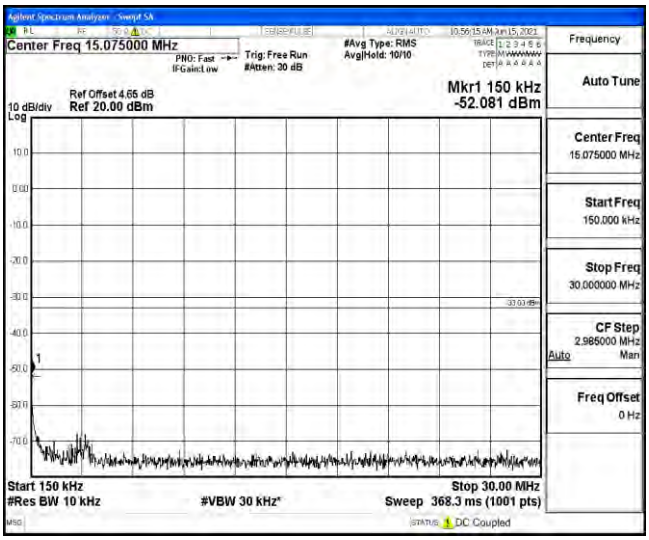
Band12-5MHz-QPSK-23155-1RB#0-Range4:1000~10000MHz



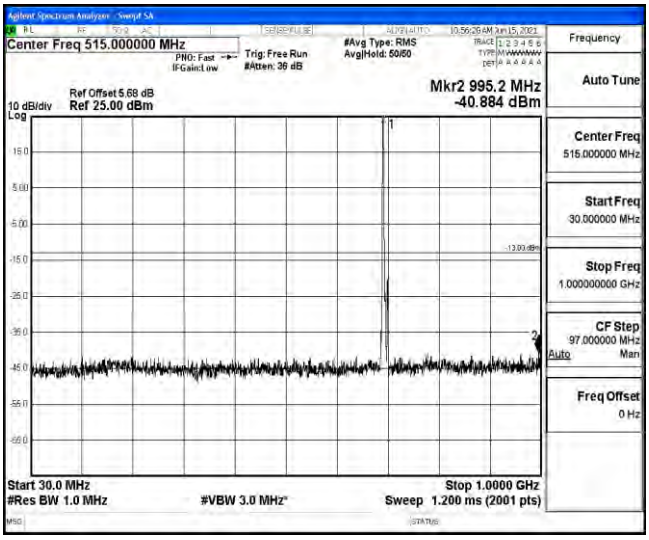
Band12-5MHz-16QAM-23035-1RB#0-Range1:0.009~0.15MHz



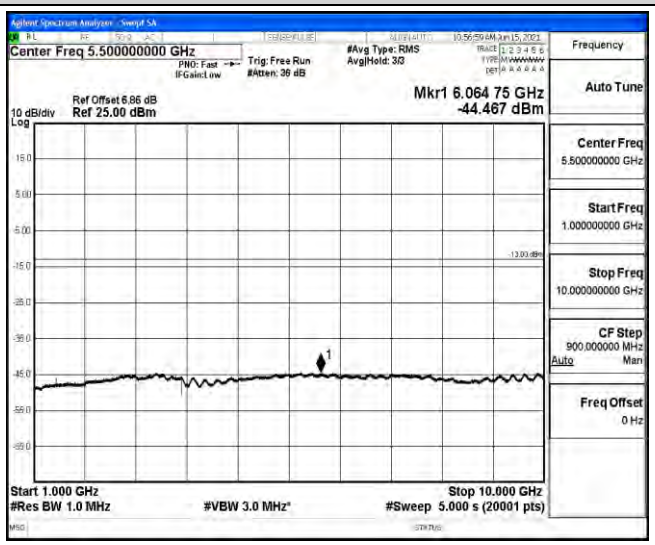
Band12-5MHz-16QAM-23035-1RB#0-Range2:0.15~30MHz



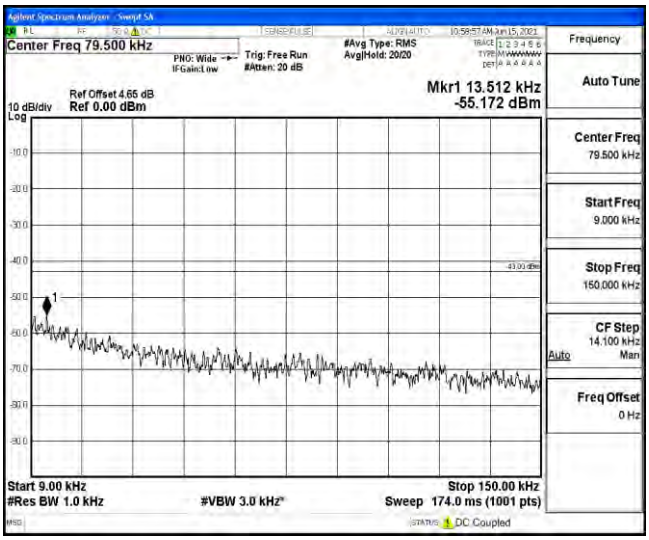
Band12-5MHz-16QAM-23035-1RB#0-Range3:30~1000MHz



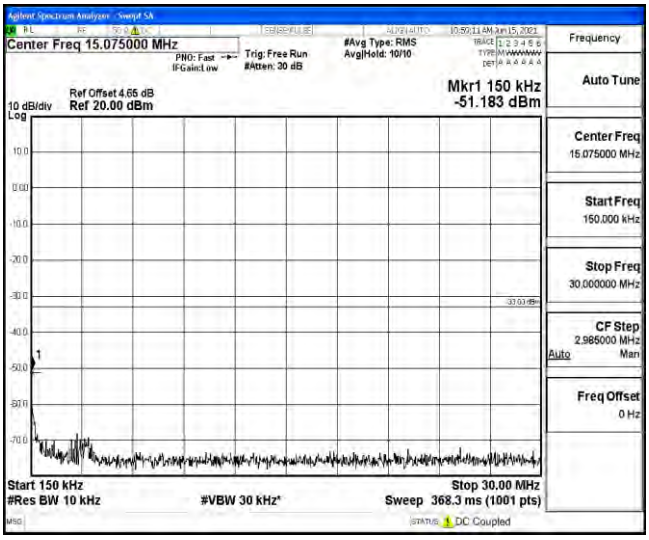
Band12-5MHz-16QAM-23035-1RB#0-Range4:1000~10000MHz



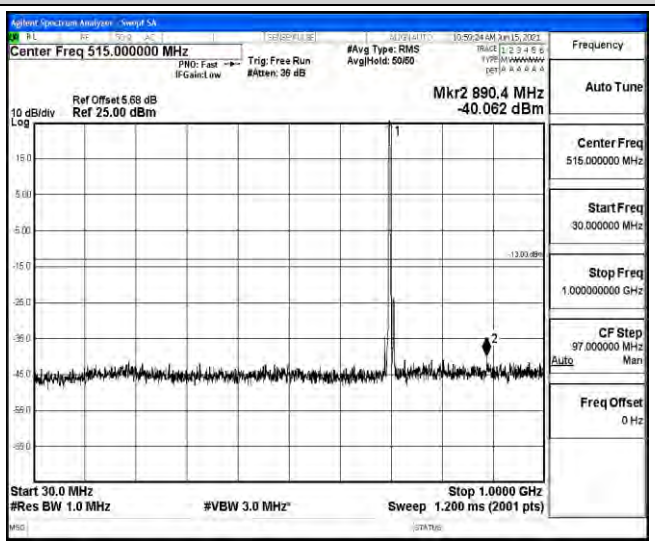
Band12-5MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



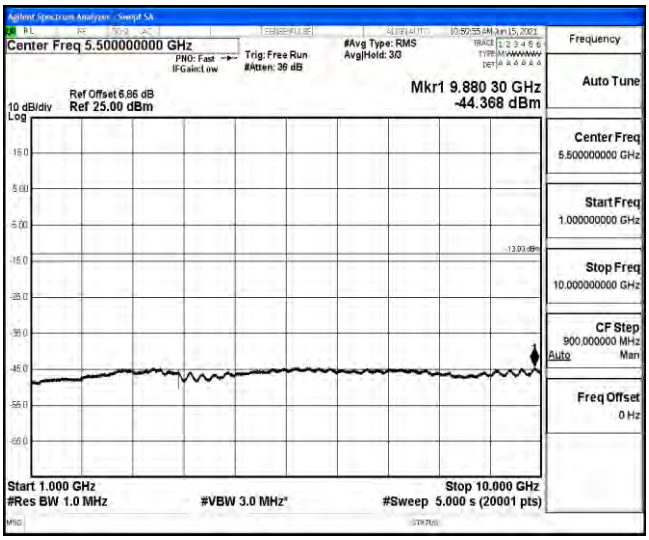
Band12-5MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



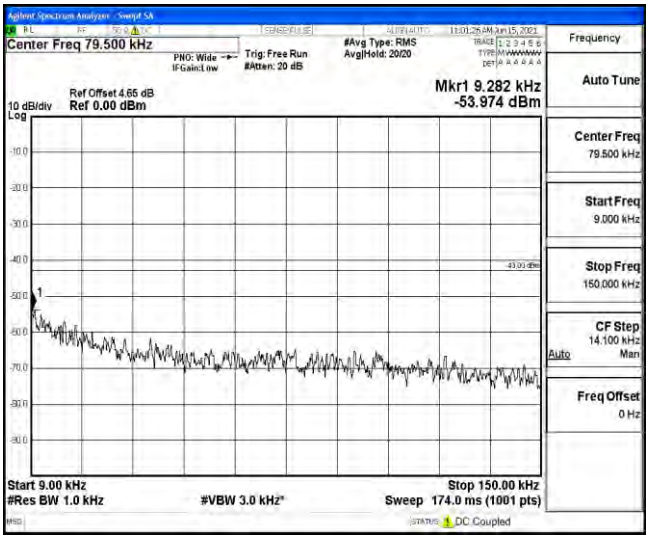
Band12-5MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



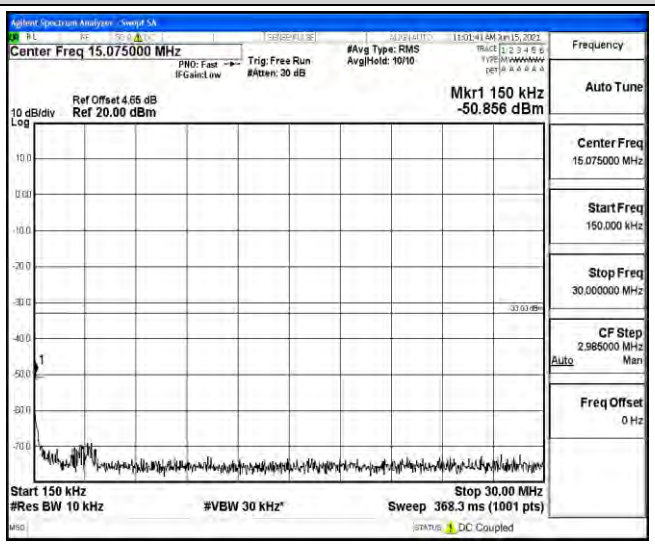
Band12-5MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



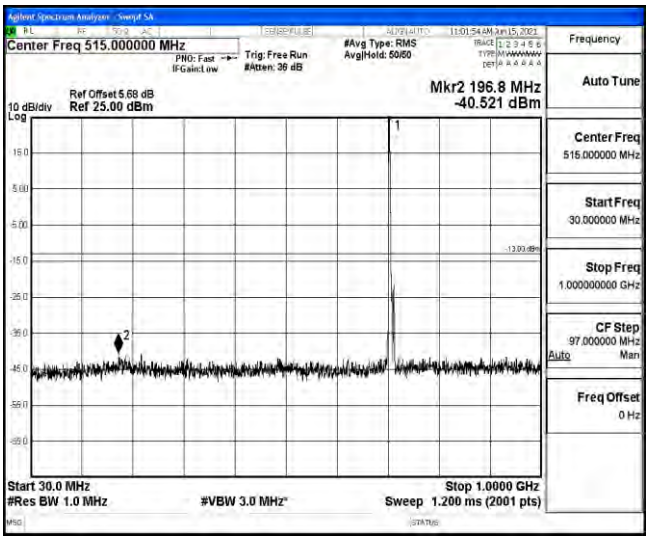
Band12-5MHz-16QAM-23155-1RB#0-Range1:0.009~0.15MHz



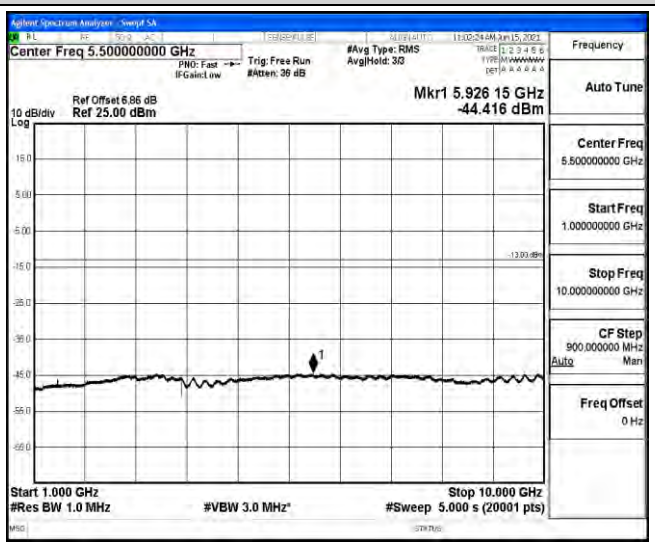
Band12-5MHz-16QAM-23155-1RB#0-Range2:0.15~30MHz



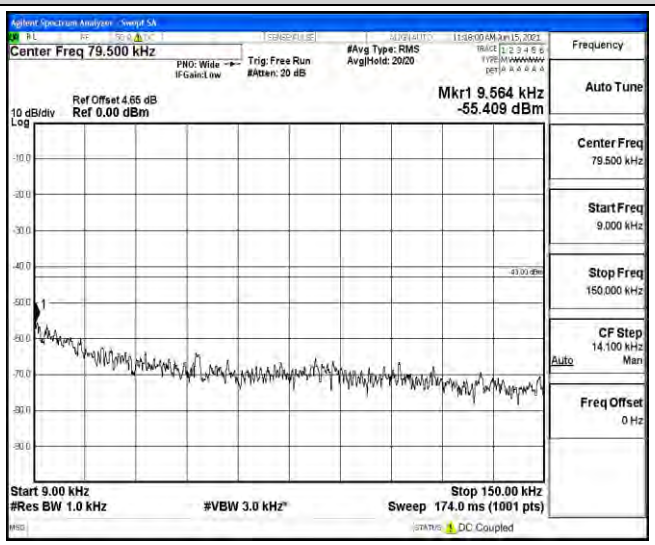
Band12-5MHz-16QAM-23155-1RB#0-Range3:30~1000MHz



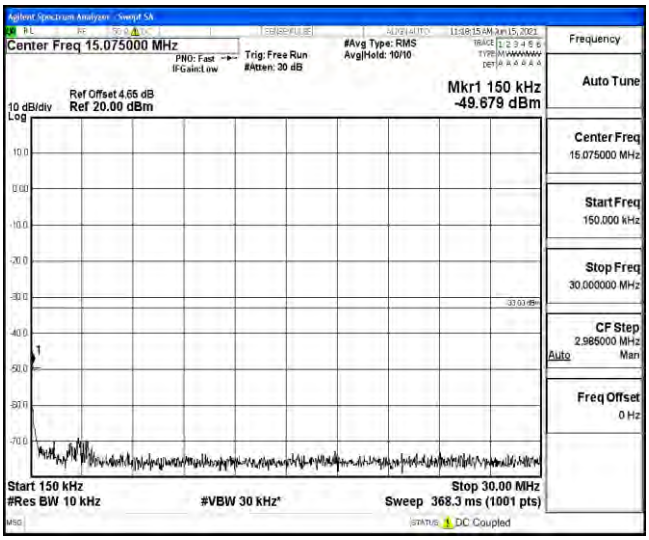
Band12-5MHz-16QAM-23155-1RB#0-Range4:1000~10000MHz



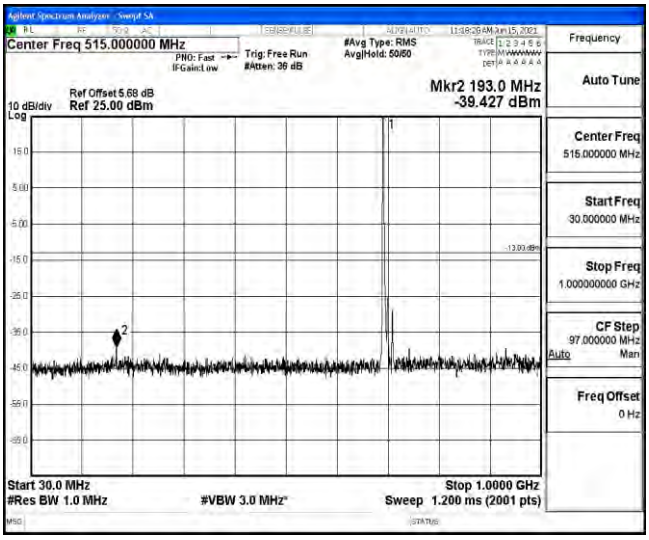
Band12-10MHz-QPSK-23060-1RB#0-Range1:0.009~0.15MHz



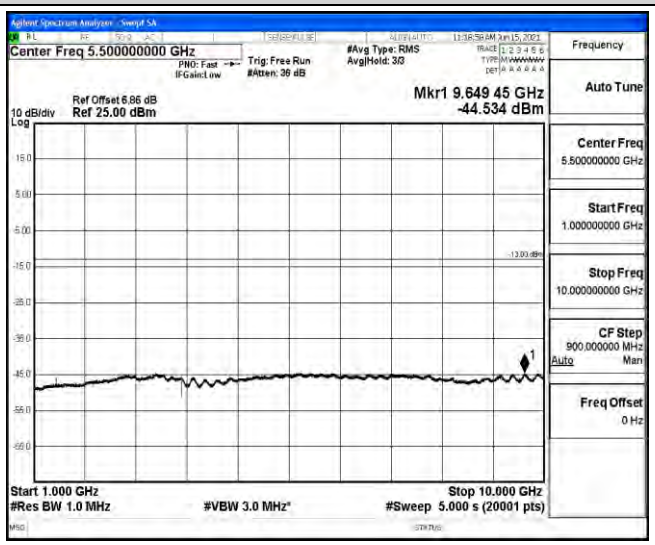
Band12-10MHz-QPSK-23060-1RB#0-Range2:0.15~30MHz



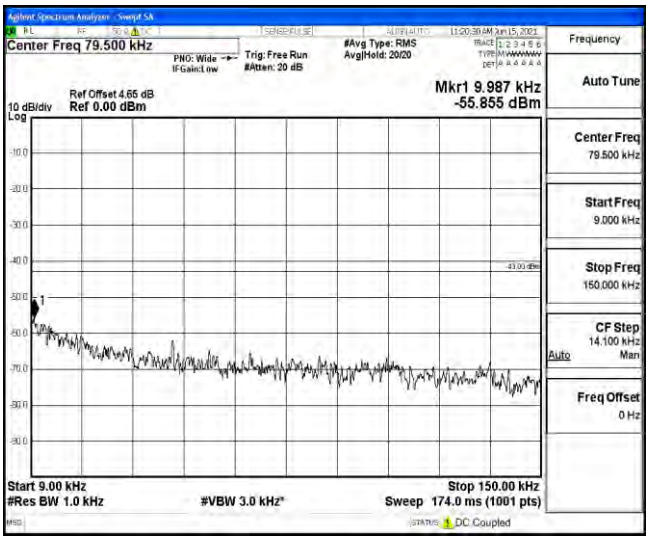
Band12-10MHz-QPSK-23060-1RB#0-Range3:30~1000MHz



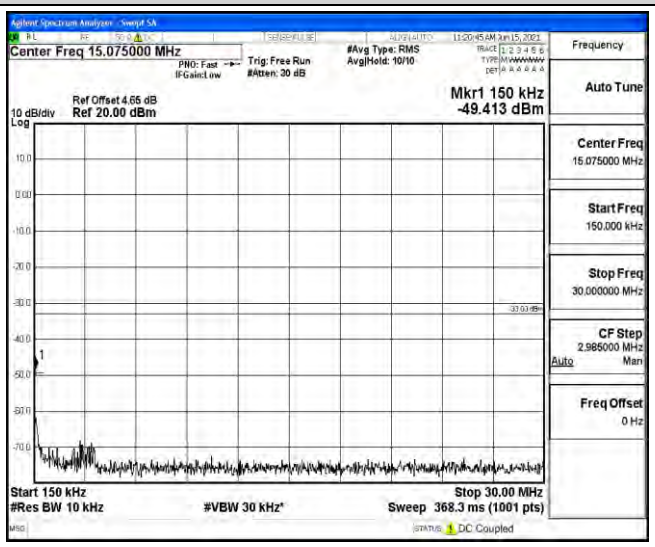
Band12-10MHz-QPSK-23060-1RB#0-Range4:1000~10000MHz



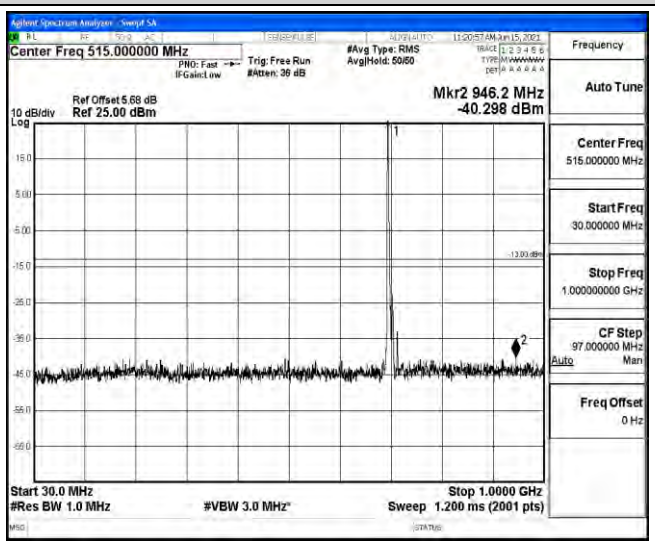
Band12-10MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



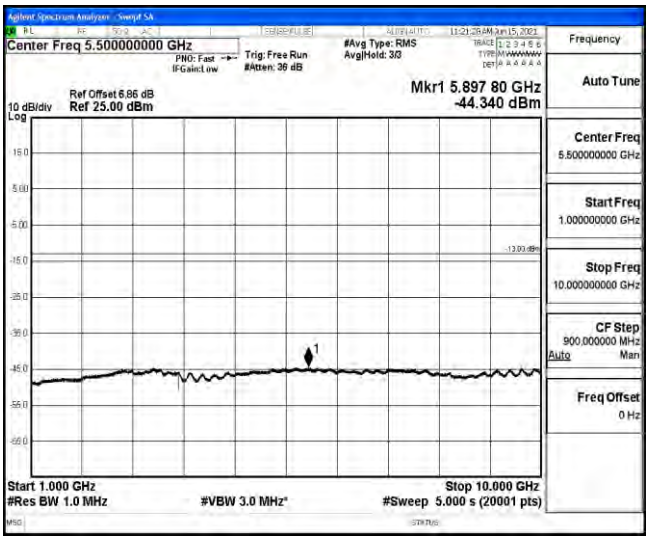
Band12-10MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



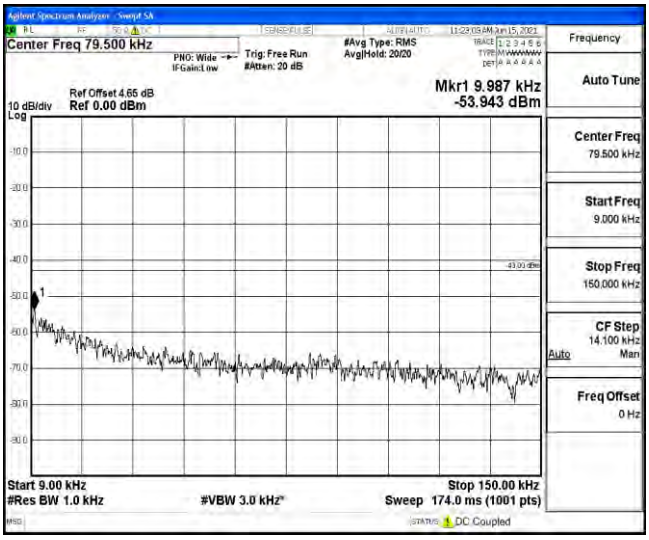
Band12-10MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



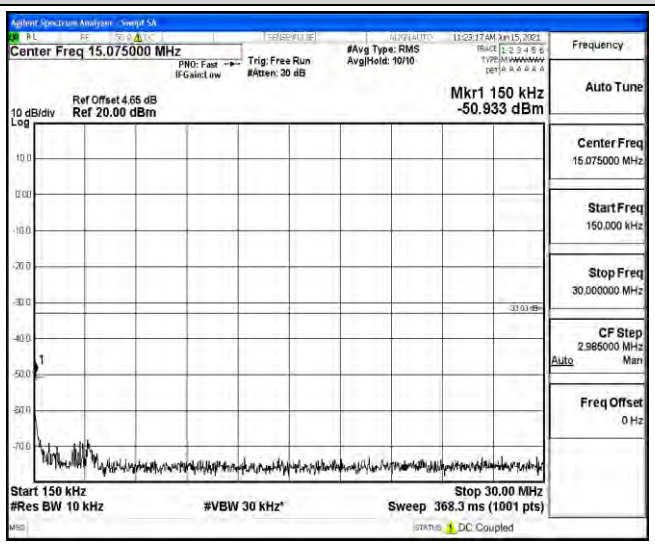
Band12-10MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



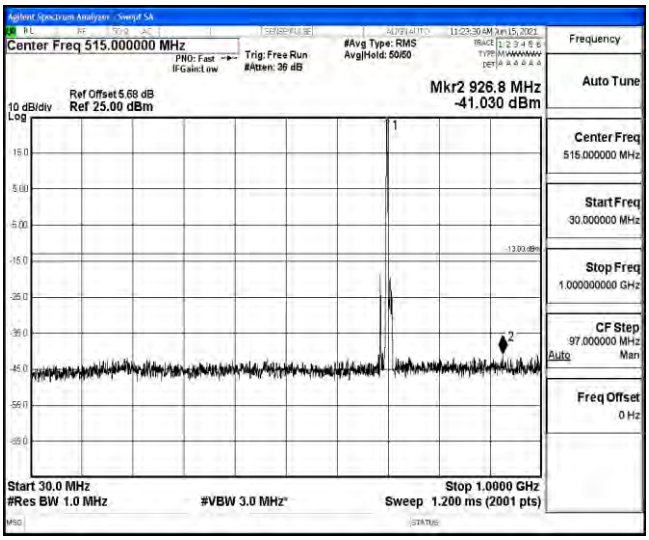
Band12-10MHz-QPSK-23130-1RB#0-Range1:0.009~0.15MHz



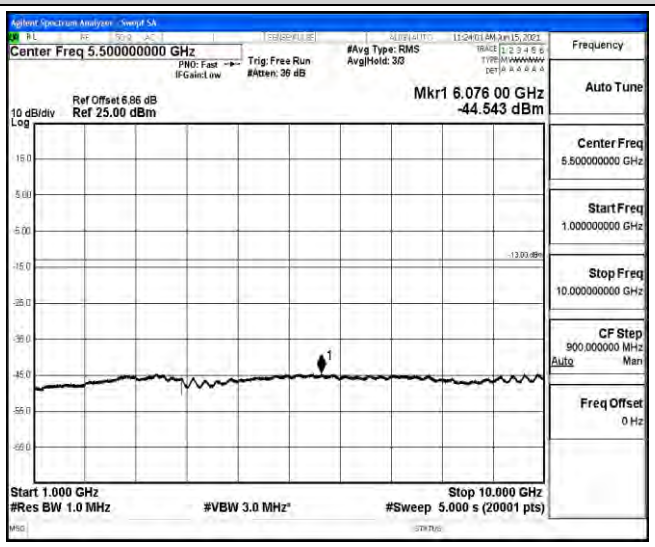
Band12-10MHz-QPSK-23130-1RB#0-Range2:0.15~30MHz



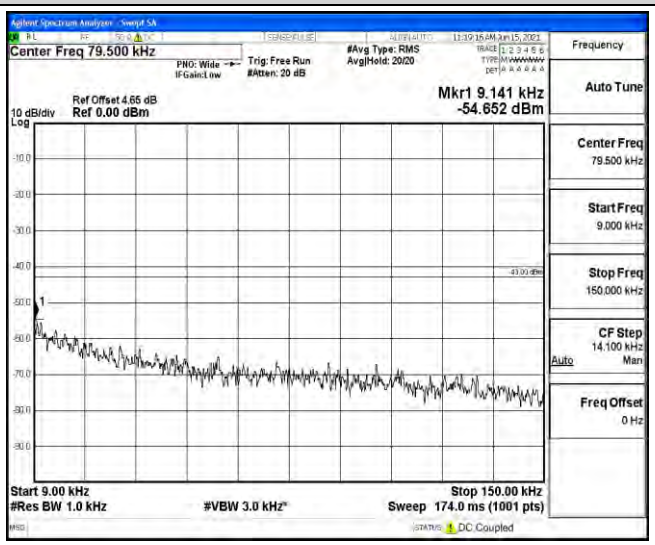
Band12-10MHz-QPSK-23130-1RB#0-Range3:30~1000MHz



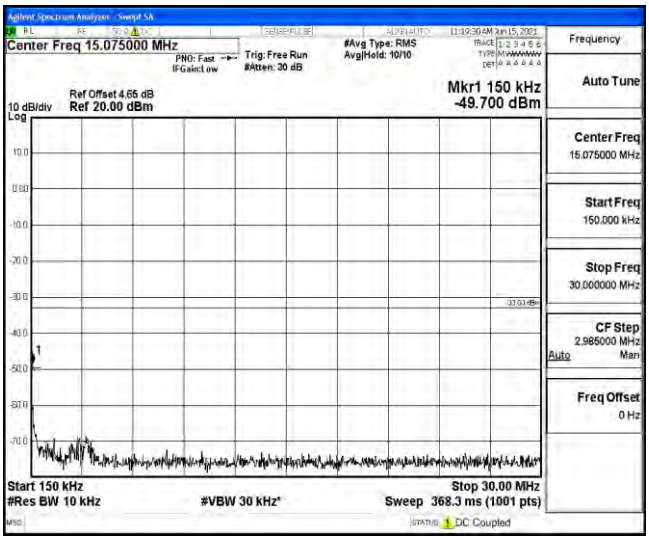
Band12-10MHz-QPSK-23130-1RB#0-Range4:1000~10000MHz



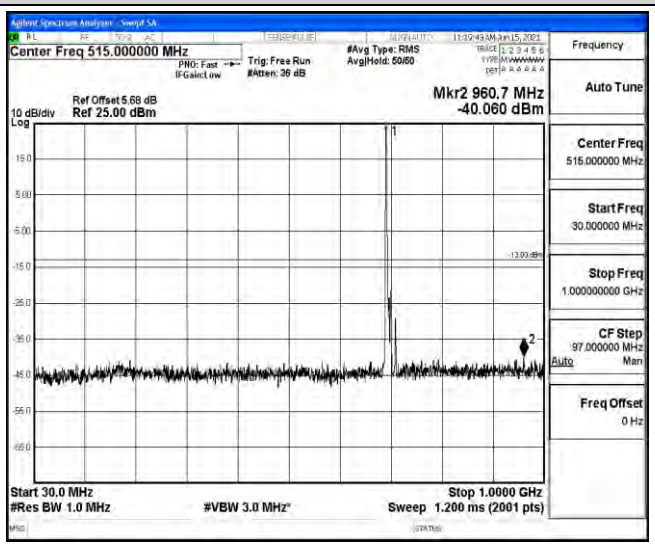
Band12-10MHz-16QAM-23060-1RB#0-Range1:0.009~0.15MHz



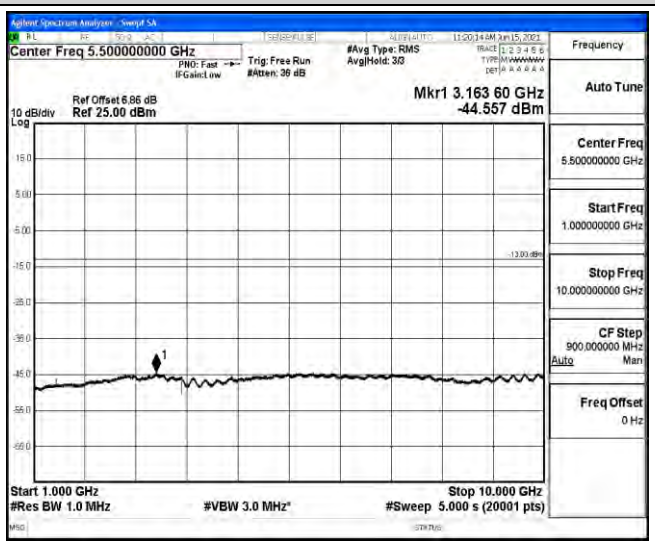
Band12-10MHz-16QAM-23060-1RB#0-Range2:0.15~30MHz



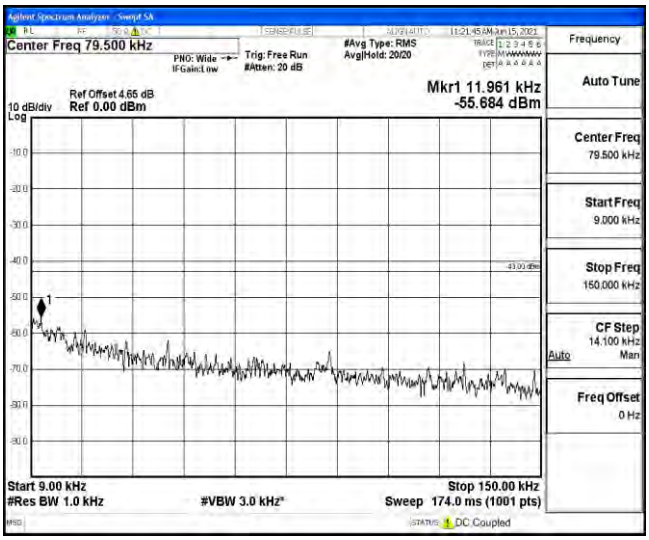
Band12-10MHz-16QAM-23060-1RB#0-Range3:30~1000MHz



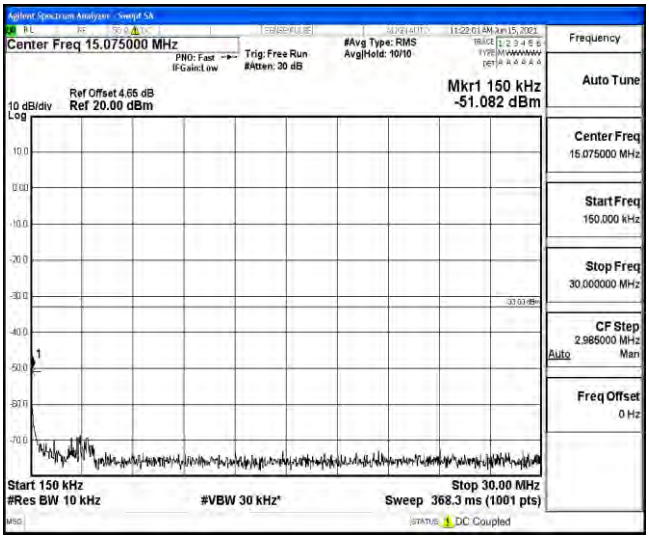
Band12-10MHz-16QAM-23060-1RB#0-Range4:1000~10000MHz



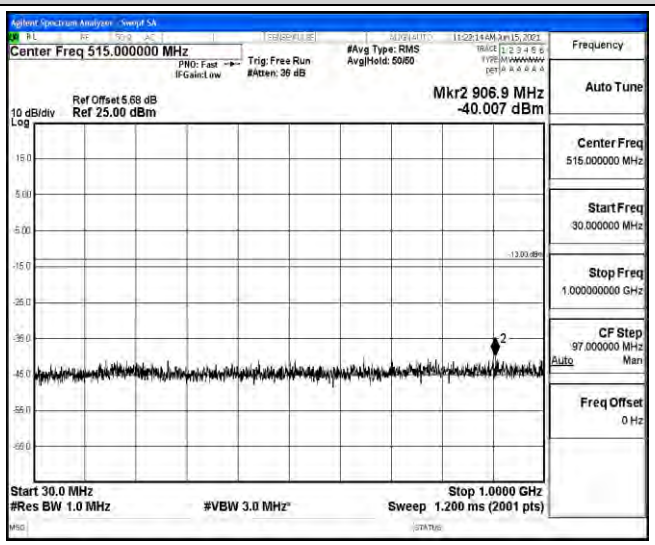
Band12-10MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



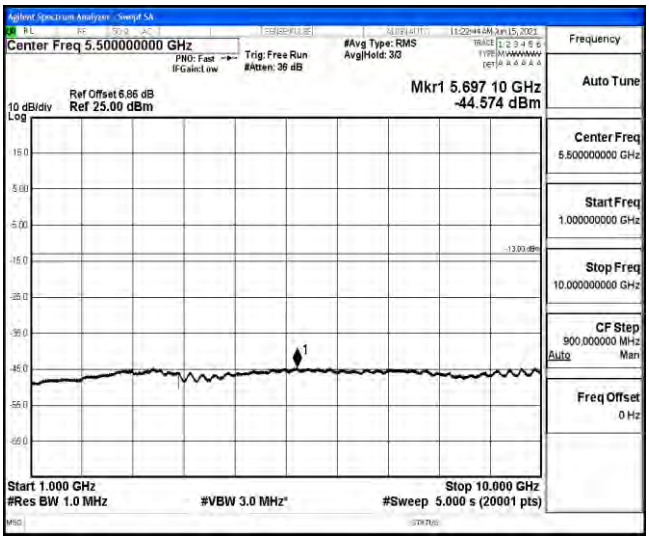
Band12-10MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



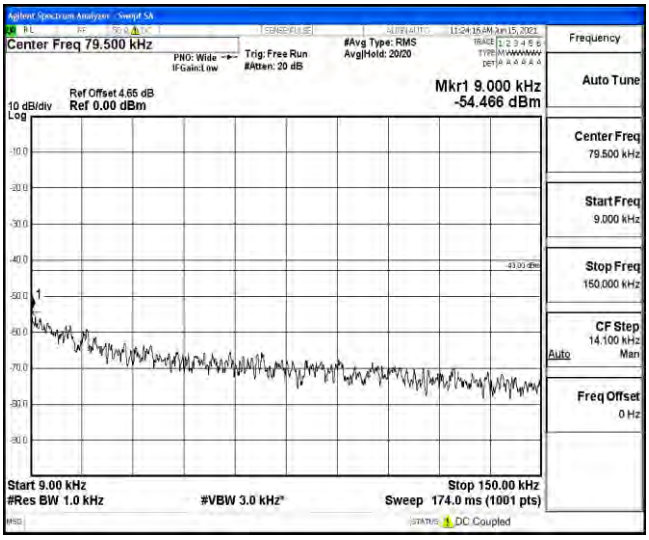
Band12-10MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



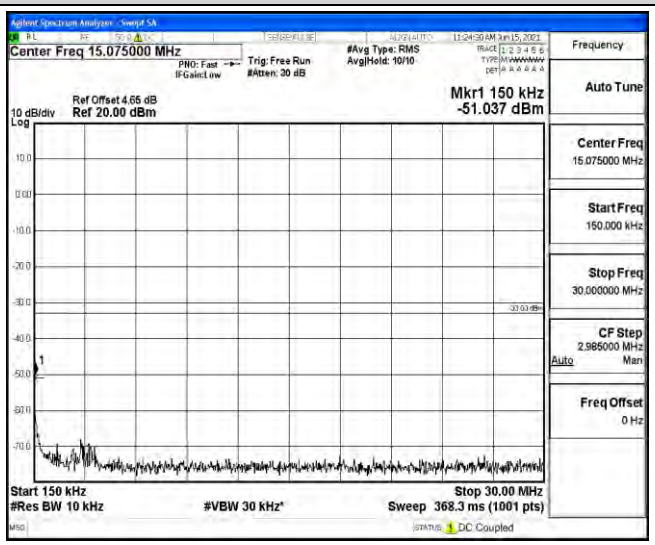
Band12-10MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



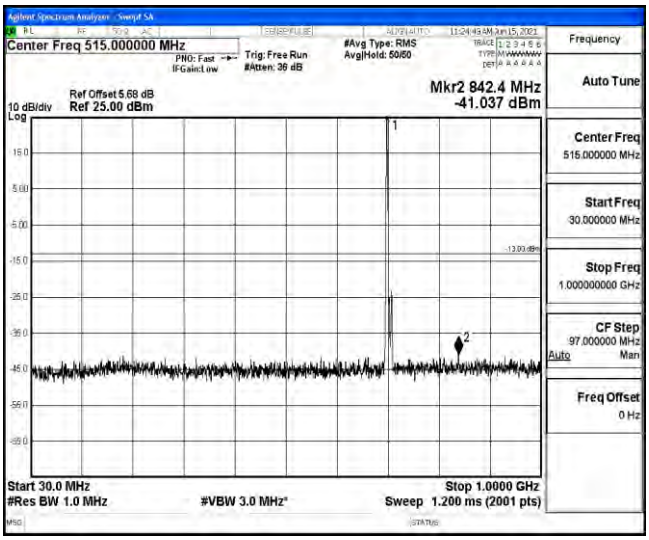
Band12-10MHz-16QAM-23130-1RB#0-Range1:0.009~0.15MHz



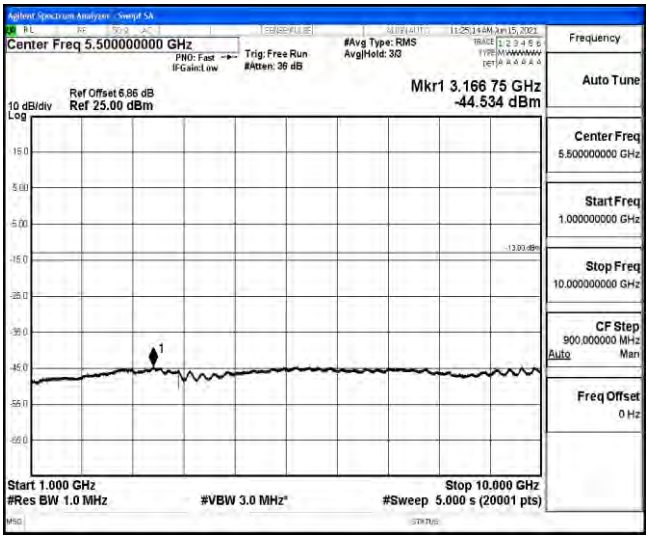
Band12-10MHz-16QAM-23130-1RB#0-Range2:0.15~30MHz



Band12-10MHz-16QAM-23130-1RB#0-Range3:30~1000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range4:1000~10000MHz



D.6 Frequency Stability

Test Result

Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
1.4MHz	QPSK	23017	6RB#0	VL	NT	-1.83	-0.002615	±2.5	PASS
1.4MHz	QPSK	23017	6RB#0	VN	NT	-3.81	-0.005445	±2.5	PASS
1.4MHz	QPSK	23017	6RB#0	VH	NT	-2.78	-0.003973	±2.5	PASS
1.4MHz	QPSK	23095	6RB#0	VL	NT	1.24	0.001753	±2.5	PASS
1.4MHz	QPSK	23095	6RB#0	VN	NT	-2.18	-0.003081	±2.5	PASS
1.4MHz	QPSK	23095	6RB#0	VH	NT	2.27	0.003208	±2.5	PASS
1.4MHz	QPSK	23173	6RB#0	VL	NT	-1.73	-0.002419	±2.5	PASS
1.4MHz	QPSK	23173	6RB#0	VN	NT	1.81	0.002530	±2.5	PASS
1.4MHz	QPSK	23173	6RB#0	VH	NT	1.73	0.002419	±2.5	PASS
1.4MHz	16QAM	23017	6RB#0	VL	NT	-2.67	-0.003816	±2.5	PASS
1.4MHz	16QAM	23017	6RB#0	VN	NT	-3.22	-0.004602	±2.5	PASS
1.4MHz	16QAM	23017	6RB#0	VH	NT	-1.98	-0.002830	±2.5	PASS
1.4MHz	16QAM	23095	6RB#0	VL	NT	1.80	0.002544	±2.5	PASS
1.4MHz	16QAM	23095	6RB#0	VN	NT	-1.36	-0.001922	±2.5	PASS
1.4MHz	16QAM	23095	6RB#0	VH	NT	-2.48	-0.003505	±2.5	PASS
1.4MHz	16QAM	23173	6RB#0	VL	NT	-2.60	-0.003635	±2.5	PASS
1.4MHz	16QAM	23173	6RB#0	VN	NT	-1.44	-0.002013	±2.5	PASS
1.4MHz	16QAM	23173	6RB#0	VH	NT	2.06	0.002880	±2.5	PASS
3MHz	QPSK	23025	15RB#0	VL	NT	-4.11	-0.005867	±2.5	PASS
3MHz	QPSK	23025	15RB#0	VN	NT	-3.45	-0.004925	±2.5	PASS
3MHz	QPSK	23025	15RB#0	VH	NT	-5.76	-0.008223	±2.5	PASS
3MHz	QPSK	23095	15RB#0	VL	NT	-2.70	-0.003816	±2.5	PASS
3MHz	QPSK	23095	15RB#0	VN	NT	-2.24	-0.003166	±2.5	PASS
3MHz	QPSK	23095	15RB#0	VH	NT	-2.73	-0.003859	±2.5	PASS
3MHz	QPSK	23165	15RB#0	VL	NT	-1.89	-0.002645	±2.5	PASS
3MHz	QPSK	23165	15RB#0	VN	NT	2.35	0.003289	±2.5	PASS
3MHz	QPSK	23165	15RB#0	VH	NT	-2.08	-0.002911	±2.5	PASS
3MHz	16QAM	23025	15RB#0	VL	NT	-3.96	-0.005653	±2.5	PASS
3MHz	16QAM	23025	15RB#0	VN	NT	-4.56	-0.006510	±2.5	PASS
3MHz	16QAM	23025	15RB#0	VH	NT	-4.30	-0.006138	±2.5	PASS
3MHz	16QAM	23095	15RB#0	VL	NT	-2.88	-0.004071	±2.5	PASS
3MHz	16QAM	23095	15RB#0	VN	NT	-2.36	-0.003336	±2.5	PASS
3MHz	16QAM	23095	15RB#0	VH	NT	-2.74	-0.003873	±2.5	PASS
3MHz	16QAM	23165	15RB#0	VL	NT	-2.44	-0.003415	±2.5	PASS
3MHz	16QAM	23165	15RB#0	VN	NT	-2.24	-0.003135	±2.5	PASS
3MHz	16QAM	23165	15RB#0	VH	NT	-3.00	-0.004199	±2.5	PASS
5MHz	QPSK	23035	25RB#0	VL	NT	2.24	0.003193	±2.5	PASS

5MHz	QPSK	23035	25RB#0	VN	NT	-1.89	-0.002694	±2.5	PASS
5MHz	QPSK	23035	25RB#0	VH	NT	-1.95	-0.002780	±2.5	PASS
5MHz	QPSK	23095	25RB#0	VL	NT	-2.23	-0.003152	±2.5	PASS
5MHz	QPSK	23095	25RB#0	VN	NT	-1.86	-0.002629	±2.5	PASS
5MHz	QPSK	23095	25RB#0	VH	NT	-1.06	-0.001498	±2.5	PASS
5MHz	QPSK	23155	25RB#0	VL	NT	-2.64	-0.003700	±2.5	PASS
5MHz	QPSK	23155	25RB#0	VN	NT	1.86	0.002607	±2.5	PASS
5MHz	QPSK	23155	25RB#0	VH	NT	-1.64	-0.002299	±2.5	PASS
5MHz	16QAM	23035	25RB#0	VL	NT	-2.05	-0.002922	±2.5	PASS
5MHz	16QAM	23035	25RB#0	VN	NT	-4.39	-0.006258	±2.5	PASS
5MHz	16QAM	23035	25RB#0	VH	NT	-2.30	-0.003279	±2.5	PASS
5MHz	16QAM	23095	25RB#0	VL	NT	1.66	0.002346	±2.5	PASS
5MHz	16QAM	23095	25RB#0	VN	NT	2.24	0.003166	±2.5	PASS
5MHz	16QAM	23095	25RB#0	VH	NT	-2.76	-0.003901	±2.5	PASS
5MHz	16QAM	23155	25RB#0	VL	NT	-1.66	-0.002327	±2.5	PASS
5MHz	16QAM	23155	25RB#0	VN	NT	-2.99	-0.004191	±2.5	PASS
5MHz	16QAM	23155	25RB#0	VH	NT	-2.42	-0.003392	±2.5	PASS
10MHz	QPSK	23060	50RB#0	VL	NT	2.66	0.003778	±2.5	PASS
10MHz	QPSK	23060	50RB#0	VN	NT	-1.40	-0.001989	±2.5	PASS
10MHz	QPSK	23060	50RB#0	VH	NT	-2.13	-0.003026	±2.5	PASS
10MHz	QPSK	23095	50RB#0	VL	NT	2.12	0.002996	±2.5	PASS
10MHz	QPSK	23095	50RB#0	VN	NT	-3.08	-0.004353	±2.5	PASS
10MHz	QPSK	23095	50RB#0	VH	NT	-1.78	-0.002516	±2.5	PASS
10MHz	QPSK	23130	50RB#0	VL	NT	-3.81	-0.005359	±2.5	PASS
10MHz	QPSK	23130	50RB#0	VN	NT	-1.94	-0.002729	±2.5	PASS
10MHz	QPSK	23130	50RB#0	VH	NT	-3.38	-0.004754	±2.5	PASS
10MHz	16QAM	23060	50RB#0	VL	NT	-1.54	-0.002188	±2.5	PASS
10MHz	16QAM	23060	50RB#0	VN	NT	2.28	0.003239	±2.5	PASS
10MHz	16QAM	23060	50RB#0	VH	NT	1.25	0.001776	±2.5	PASS
10MHz	16QAM	23095	50RB#0	VL	NT	-2.03	-0.002869	±2.5	PASS
10MHz	16QAM	23095	50RB#0	VN	NT	1.44	0.002035	±2.5	PASS
10MHz	16QAM	23095	50RB#0	VH	NT	-1.53	-0.002163	±2.5	PASS
10MHz	16QAM	23130	50RB#0	VL	NT	-2.52	-0.003544	±2.5	PASS
10MHz	16QAM	23130	50RB#0	VN	NT	-2.28	-0.003207	±2.5	PASS
10MHz	16QAM	23130	50RB#0	VH	NT	1.71	0.002405	±2.5	PASS

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Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
1.4MHz	QPSK	23017	6RB#0	NV	-30	1.63	0.002330	±2.5	PASS
1.4MHz	QPSK	23017	6RB#0	NV	-20	-3.14	-0.004488	±2.5	PASS
1.4MHz	QPSK	23017	6RB#0	NV	0	-2.62	-0.003744	±2.5	PASS
1.4MHz	QPSK	23017	6RB#0	NV	10	-2.91	-0.004159	±2.5	PASS
1.4MHz	QPSK	23017	6RB#0	NV	20	-3.94	-0.005631	±2.5	PASS
1.4MHz	QPSK	23095	6RB#0	NV	-30	-2.71	-0.003830	±2.5	PASS
1.4MHz	QPSK	23095	6RB#0	NV	-20	-2.86	-0.004042	±2.5	PASS
1.4MHz	QPSK	23095	6RB#0	NV	0	-1.68	-0.002375	±2.5	PASS
1.4MHz	QPSK	23095	6RB#0	NV	10	2.43	0.003435	±2.5	PASS
1.4MHz	QPSK	23095	6RB#0	NV	20	-1.87	-0.002643	±2.5	PASS
1.4MHz	QPSK	23173	6RB#0	NV	-30	2.47	0.003453	±2.5	PASS
1.4MHz	QPSK	23173	6RB#0	NV	-20	-2.22	-0.003104	±2.5	PASS
1.4MHz	QPSK	23173	6RB#0	NV	0	2.99	0.004180	±2.5	PASS
1.4MHz	QPSK	23173	6RB#0	NV	10	1.64	0.002293	±2.5	PASS
1.4MHz	QPSK	23173	6RB#0	NV	20	-2.45	-0.003425	±2.5	PASS
1.4MHz	16QAM	23017	6RB#0	NV	-30	-1.30	-0.001858	±2.5	PASS
1.4MHz	16QAM	23017	6RB#0	NV	-20	-2.50	-0.003573	±2.5	PASS
1.4MHz	16QAM	23017	6RB#0	NV	0	-3.06	-0.004373	±2.5	PASS
1.4MHz	16QAM	23017	6RB#0	NV	10	-2.61	-0.003730	±2.5	PASS
1.4MHz	16QAM	23017	6RB#0	NV	20	-2.84	-0.004059	±2.5	PASS
1.4MHz	16QAM	23095	6RB#0	NV	-30	-4.61	-0.006516	±2.5	PASS
1.4MHz	16QAM	23095	6RB#0	NV	-20	2.19	0.003095	±2.5	PASS
1.4MHz	16QAM	23095	6RB#0	NV	0	-1.73	-0.002445	±2.5	PASS
1.4MHz	16QAM	23095	6RB#0	NV	10	-1.97	-0.002784	±2.5	PASS
1.4MHz	16QAM	23095	6RB#0	NV	20	-2.16	-0.003053	±2.5	PASS
1.4MHz	16QAM	23173	6RB#0	NV	-30	-3.22	-0.004502	±2.5	PASS
1.4MHz	16QAM	23173	6RB#0	NV	-20	-2.48	-0.003467	±2.5	PASS
1.4MHz	16QAM	23173	6RB#0	NV	0	-1.94	-0.002712	±2.5	PASS
1.4MHz	16QAM	23173	6RB#0	NV	10	-1.88	-0.002628	±2.5	PASS
1.4MHz	16QAM	23173	6RB#0	NV	20	-3.61	-0.005047	±2.5	PASS
3MHz	QPSK	23025	15RB#0	NV	-30	-4.60	-0.006567	±2.5	PASS
3MHz	QPSK	23025	15RB#0	NV	-20	-4.05	-0.005782	±2.5	PASS
3MHz	QPSK	23025	15RB#0	NV	0	-3.09	-0.004411	±2.5	PASS
3MHz	QPSK	23025	15RB#0	NV	10	-2.43	-0.003469	±2.5	PASS
3MHz	QPSK	23025	15RB#0	NV	20	-2.48	-0.003540	±2.5	PASS
3MHz	QPSK	23095	15RB#0	NV	-30	-1.73	-0.002445	±2.5	PASS
3MHz	QPSK	23095	15RB#0	NV	-20	-2.33	-0.003293	±2.5	PASS
3MHz	QPSK	23095	15RB#0	NV	0	-3.22	-0.004551	±2.5	PASS
3MHz	QPSK	23095	15RB#0	NV	10	-2.66	-0.003760	±2.5	PASS
3MHz	QPSK	23095	15RB#0	NV	20	-3.53	-0.004989	±2.5	PASS

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3MHz	QPSK	23165	15RB#0	NV	-30	1.02	0.001428	±2.5	PASS
3MHz	QPSK	23165	15RB#0	NV	-20	-3.20	-0.004479	±2.5	PASS
3MHz	QPSK	23165	15RB#0	NV	0	2.50	0.003499	±2.5	PASS
3MHz	QPSK	23165	15RB#0	NV	10	1.68	0.002351	±2.5	PASS
3MHz	QPSK	23165	15RB#0	NV	20	2.35	0.003289	±2.5	PASS
3MHz	16QAM	23025	15RB#0	NV	-30	-2.85	-0.004069	±2.5	PASS
3MHz	16QAM	23025	15RB#0	NV	-20	-4.20	-0.005996	±2.5	PASS
3MHz	16QAM	23025	15RB#0	NV	0	-4.31	-0.006153	±2.5	PASS
3MHz	16QAM	23025	15RB#0	NV	10	-4.20	-0.005996	±2.5	PASS
3MHz	16QAM	23025	15RB#0	NV	20	-4.22	-0.006024	±2.5	PASS
3MHz	16QAM	23095	15RB#0	NV	-30	-2.68	-0.003788	±2.5	PASS
3MHz	16QAM	23095	15RB#0	NV	-20	1.36	0.001922	±2.5	PASS
3MHz	16QAM	23095	15RB#0	NV	0	-2.74	-0.003873	±2.5	PASS
3MHz	16QAM	23095	15RB#0	NV	10	1.71	0.002417	±2.5	PASS
3MHz	16QAM	23095	15RB#0	NV	20	-2.99	-0.004226	±2.5	PASS
3MHz	16QAM	23165	15RB#0	NV	-30	-2.46	-0.003443	±2.5	PASS
3MHz	16QAM	23165	15RB#0	NV	-20	1.91	0.002673	±2.5	PASS
3MHz	16QAM	23165	15RB#0	NV	0	3.27	0.004577	±2.5	PASS
3MHz	16QAM	23165	15RB#0	NV	10	2.16	0.003023	±2.5	PASS
3MHz	16QAM	23165	15RB#0	NV	20	1.87	0.002617	±2.5	PASS
5MHz	QPSK	23035	25RB#0	NV	-30	-1.61	-0.002295	±2.5	PASS
5MHz	QPSK	23035	25RB#0	NV	-20	-3.93	-0.005602	±2.5	PASS
5MHz	QPSK	23035	25RB#0	NV	0	-2.18	-0.003108	±2.5	PASS
5MHz	QPSK	23035	25RB#0	NV	10	-2.08	-0.002965	±2.5	PASS
5MHz	QPSK	23035	25RB#0	NV	20	-2.04	-0.002908	±2.5	PASS
5MHz	QPSK	23095	25RB#0	NV	-30	-2.26	-0.003194	±2.5	PASS
5MHz	QPSK	23095	25RB#0	NV	-20	-2.86	-0.004042	±2.5	PASS
5MHz	QPSK	23095	25RB#0	NV	0	1.82	0.002572	±2.5	PASS
5MHz	QPSK	23095	25RB#0	NV	10	-2.07	-0.002926	±2.5	PASS
5MHz	QPSK	23095	25RB#0	NV	20	1.81	0.002558	±2.5	PASS
5MHz	QPSK	23155	25RB#0	NV	-30	-2.54	-0.003560	±2.5	PASS
5MHz	QPSK	23155	25RB#0	NV	-20	-3.95	-0.005536	±2.5	PASS
5MHz	QPSK	23155	25RB#0	NV	0	-2.61	-0.003658	±2.5	PASS
5MHz	QPSK	23155	25RB#0	NV	10	-2.69	-0.003770	±2.5	PASS
5MHz	QPSK	23155	25RB#0	NV	20	-1.71	-0.002397	±2.5	PASS
5MHz	16QAM	23035	25RB#0	NV	-30	-2.04	-0.002908	±2.5	PASS
5MHz	16QAM	23035	25RB#0	NV	-20	-2.41	-0.003435	±2.5	PASS
5MHz	16QAM	23035	25RB#0	NV	0	3.23	0.004604	±2.5	PASS
5MHz	16QAM	23035	25RB#0	NV	10	-2.05	-0.002922	±2.5	PASS
5MHz	16QAM	23035	25RB#0	NV	20	1.80	0.002566	±2.5	PASS
5MHz	16QAM	23095	25RB#0	NV	-30	2.28	0.003223	±2.5	PASS
5MHz	16QAM	23095	25RB#0	NV	-20	-2.50	-0.003534	±2.5	PASS
5MHz	16QAM	23095	25RB#0	NV	0	-3.16	-0.004466	±2.5	PASS

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5MHz	16QAM	23095	25RB#0	NV	10	-1.39	-0.001965	±2.5	PASS
5MHz	16QAM	23095	25RB#0	NV	20	-2.78	-0.003929	±2.5	PASS
5MHz	16QAM	23155	25RB#0	NV	-30	0.72	0.001009	±2.5	PASS
5MHz	16QAM	23155	25RB#0	NV	-20	-2.11	-0.002957	±2.5	PASS
5MHz	16QAM	23155	25RB#0	NV	0	2.42	0.003392	±2.5	PASS
5MHz	16QAM	23155	25RB#0	NV	10	2.49	0.003490	±2.5	PASS
5MHz	16QAM	23155	25RB#0	NV	20	1.27	0.001780	±2.5	PASS
10MHz	QPSK	23060	50RB#0	NV	-30	1.22	0.001733	±2.5	PASS
10MHz	QPSK	23060	50RB#0	NV	-20	2.34	0.003324	±2.5	PASS
10MHz	QPSK	23060	50RB#0	NV	0	1.74	0.002472	±2.5	PASS
10MHz	QPSK	23060	50RB#0	NV	10	1.86	0.002642	±2.5	PASS
10MHz	QPSK	23060	50RB#0	NV	20	-2.59	-0.003679	±2.5	PASS
10MHz	QPSK	23095	50RB#0	NV	-30	-1.94	-0.002742	±2.5	PASS
10MHz	QPSK	23095	50RB#0	NV	-20	1.96	0.002770	±2.5	PASS
10MHz	QPSK	23095	50RB#0	NV	0	2.13	0.003011	±2.5	PASS
10MHz	QPSK	23095	50RB#0	NV	10	-2.52	-0.003562	±2.5	PASS
10MHz	QPSK	23095	50RB#0	NV	20	-2.09	-0.002954	±2.5	PASS
10MHz	QPSK	23130	50RB#0	NV	-30	-4.26	-0.005992	±2.5	PASS
10MHz	QPSK	23130	50RB#0	NV	-20	-2.22	-0.003122	±2.5	PASS
10MHz	QPSK	23130	50RB#0	NV	0	-2.94	-0.004135	±2.5	PASS
10MHz	QPSK	23130	50RB#0	NV	10	-1.94	-0.002729	±2.5	PASS
10MHz	QPSK	23130	50RB#0	NV	20	-2.25	-0.003165	±2.5	PASS
10MHz	16QAM	23060	50RB#0	NV	-30	-1.33	-0.001889	±2.5	PASS
10MHz	16QAM	23060	50RB#0	NV	-20	2.16	0.003068	±2.5	PASS
10MHz	16QAM	23060	50RB#0	NV	0	1.68	0.002386	±2.5	PASS
10MHz	16QAM	23060	50RB#0	NV	10	2.81	0.003991	±2.5	PASS
10MHz	16QAM	23060	50RB#0	NV	20	2.21	0.003139	±2.5	PASS
10MHz	16QAM	23095	50RB#0	NV	-30	1.88	0.002657	±2.5	PASS
10MHz	16QAM	23095	50RB#0	NV	-20	-1.37	-0.001936	±2.5	PASS
10MHz	16QAM	23095	50RB#0	NV	0	1.57	0.002219	±2.5	PASS
10MHz	16QAM	23095	50RB#0	NV	10	-1.93	-0.002728	±2.5	PASS
10MHz	16QAM	23095	50RB#0	NV	20	1.91	0.002700	±2.5	PASS
10MHz	16QAM	23130	50RB#0	NV	-30	-3.32	-0.004669	±2.5	PASS
10MHz	16QAM	23130	50RB#0	NV	-20	-2.26	-0.003179	±2.5	PASS
10MHz	16QAM	23130	50RB#0	NV	0	-1.25	-0.001758	±2.5	PASS
10MHz	16QAM	23130	50RB#0	NV	10	-4.16	-0.005851	±2.5	PASS
10MHz	16QAM	23130	50RB#0	NV	20	-2.08	-0.002925	±2.5	PASS

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