



Appendix E Test Data for E-UTRA Band 12

Product Name: GNSS Receiver

Test Model: Z30

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu





F.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	22.85	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.81	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.71	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.78	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.80	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.75	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.84	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.59	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.72	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.68	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.69	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.67	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.54	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.66	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.51	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.45	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.41	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.40	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.44	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.51	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.72	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.05	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.09	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.54	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.38	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.38	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.34	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.97	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.68	PASS





Band12	1.4MHz	16QAM	23095	1RB#2	21.65	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.70	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.48	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.49	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.43	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.02	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.00	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.98	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.03	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.79	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.80	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.47	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.83	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.91	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.83	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.88	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.90	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.91	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.91	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.91	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.71	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.65	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.74	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.56	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.57	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.67	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.61	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.53	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.43	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.60	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.60	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.61	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.65	PASS





Band12	3MHz	16QAM	23025	1RB#0	21.75	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.72	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.73	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.16	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.16	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.00	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.96	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.70	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.59	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.65	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.12	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.03	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.06	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.84	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.11	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.06	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.39	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.95	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.95	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.92	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.89	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.79	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.71	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.64	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.92	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.91	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.75	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.85	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.55	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.39	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.18	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.76	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.63	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.45	PASS





Band12	5MHz	QPSK	23095	25RB#0	21.48	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.72	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.70	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.59	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.70	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.69	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.66	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.54	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.32	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.30	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.18	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.97	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.03	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.98	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.12	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.12	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.01	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.04	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.06	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.91	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.91	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.94	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.79	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.81	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.79	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.79	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.79	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.87	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.91	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.56	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.49	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.29	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.70	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.69	PASS





Band12	10MHz	QPSK	23060	25RB#25	21.56	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.66	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.71	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.53	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.62	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.80	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.69	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.61	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.79	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.38	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.38	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.31	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.57	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.61	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.63	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.50	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.93	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.81	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.48	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.91	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.90	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.75	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.83	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.80	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.72	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.67	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.98	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.99	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.99	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.99	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.56	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.45	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.34	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.81	PASS



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Scan code to check authenticity



Band12	10MHz	16QAM	23130	25RB#12	20.81	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.92	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.91	PASS





F.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	5.17	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.23	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.58	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.94	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.93	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.22	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.64	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.48	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.26	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.37	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.14	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.04	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.45	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.37	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.13	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.15	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.00	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.87	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.34	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.37	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.23	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.04	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.02	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.00	13	PASS



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Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

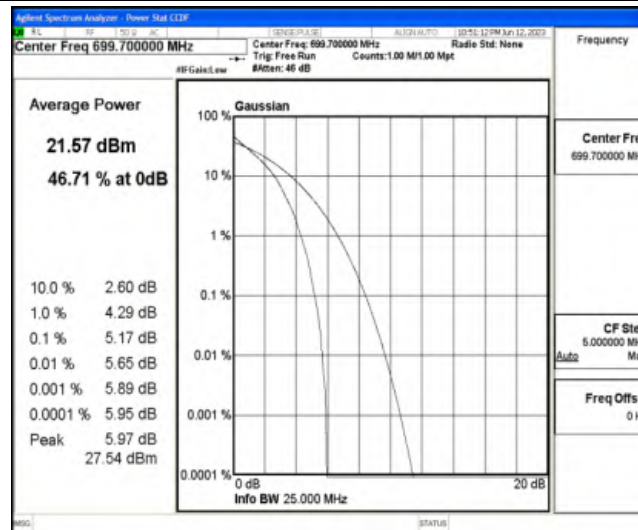
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

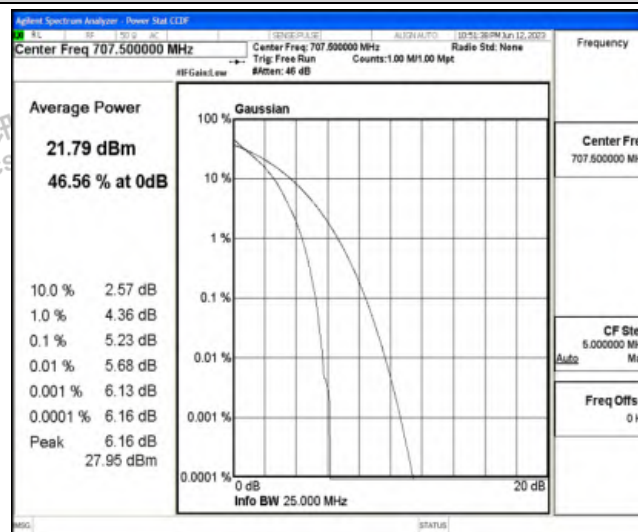


Test Graphs

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

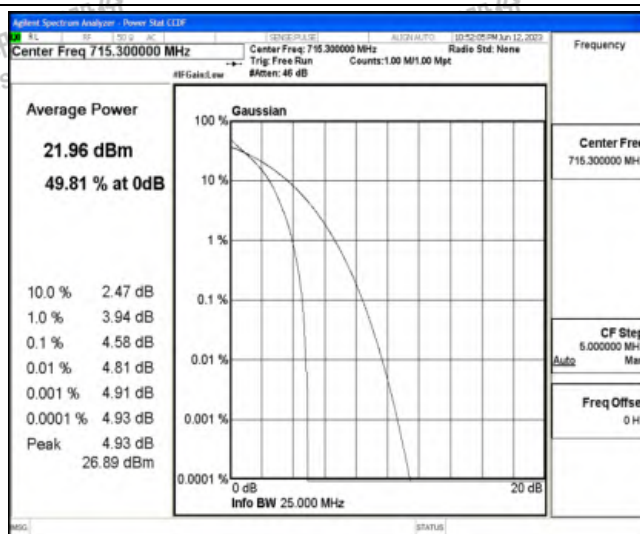


Band12-1.4MHz-QPSK-23095-6RB#0

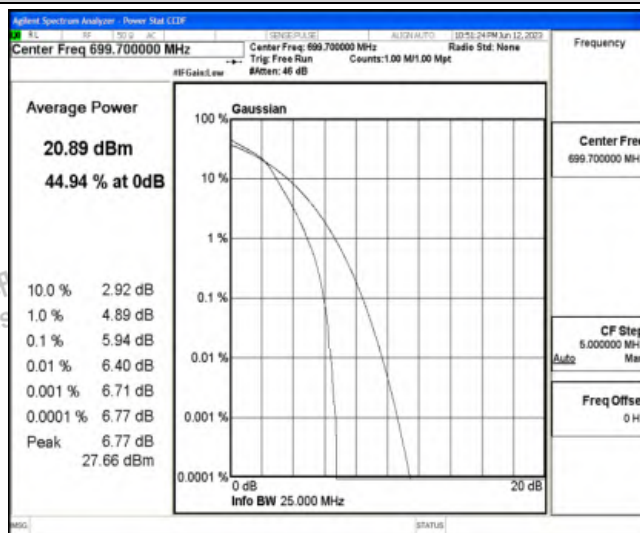


Band12-1.4MHz-QPSK-23173-6RB#0

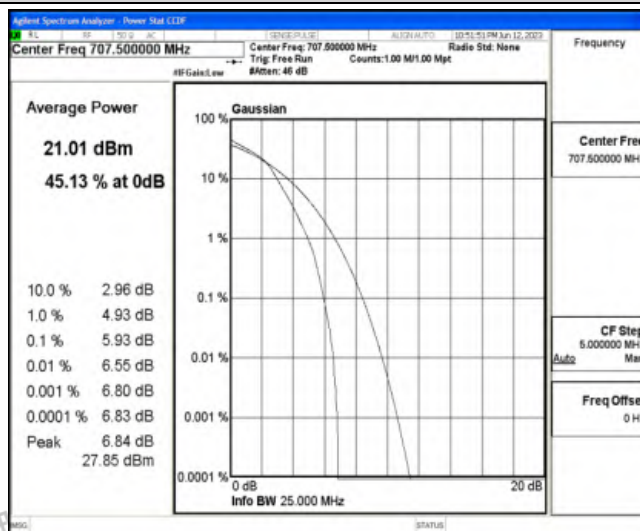




Band12.1.4MHz-16QAM-23017-6RB#0

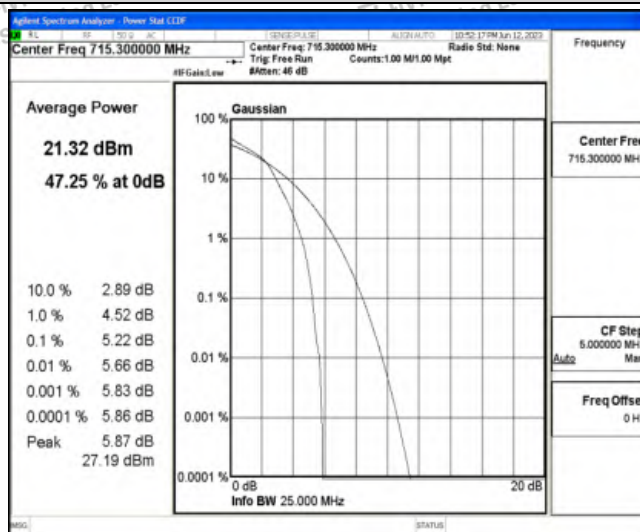


Band12.1.4MHz-16QAM-23095-6RB#0

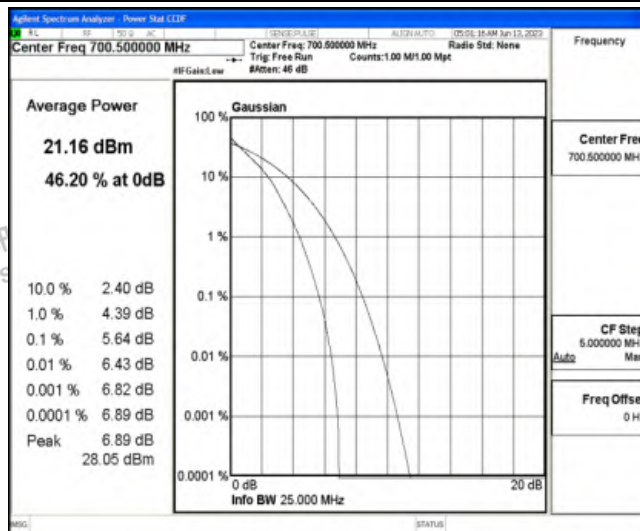




Band12-1.4MHz-16QAM-23173-6RB#0

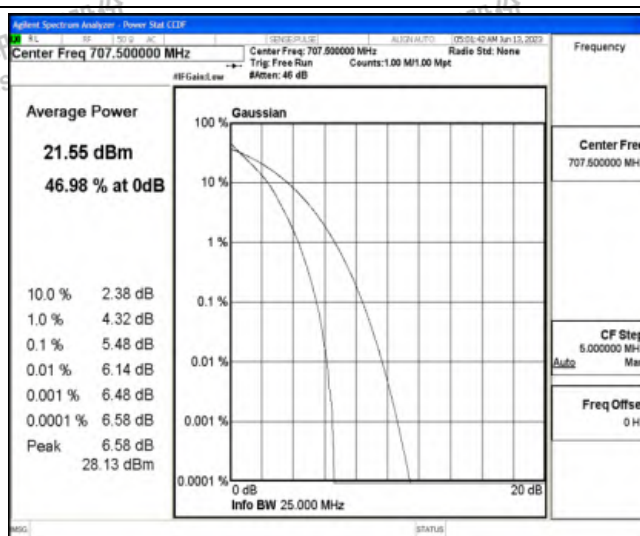


Band12-3MHz-QPSK-23025-15RB#0

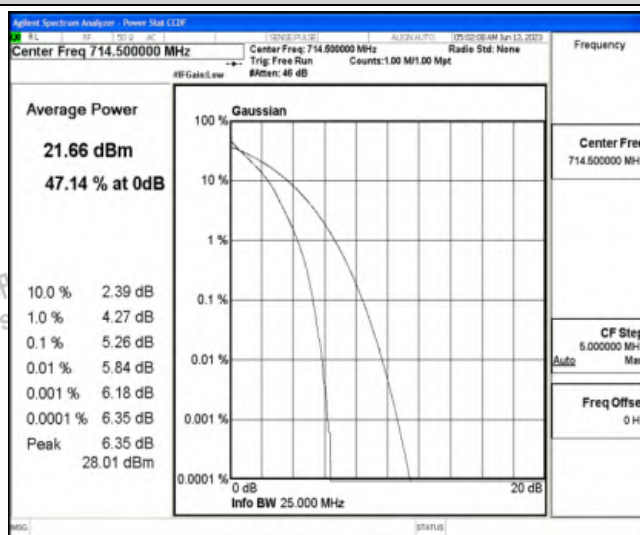


Band12-3MHz-QPSK-23095-15RB#0

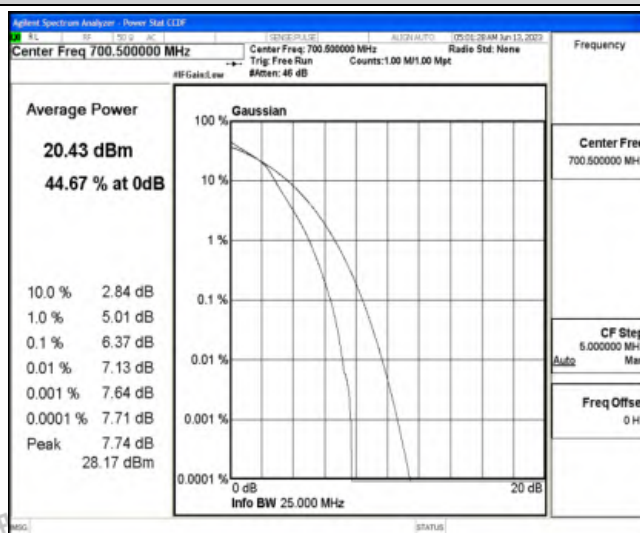




Band12-3MHz-QPSK-23165-15RB#0

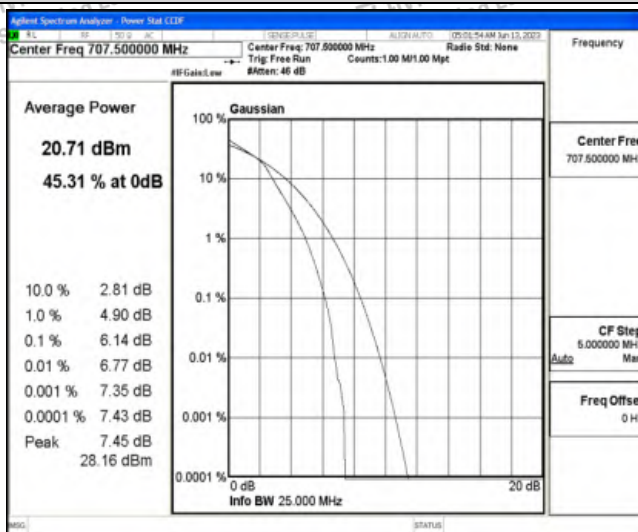


Band12-3MHz-16QAM-23025-15RB#0

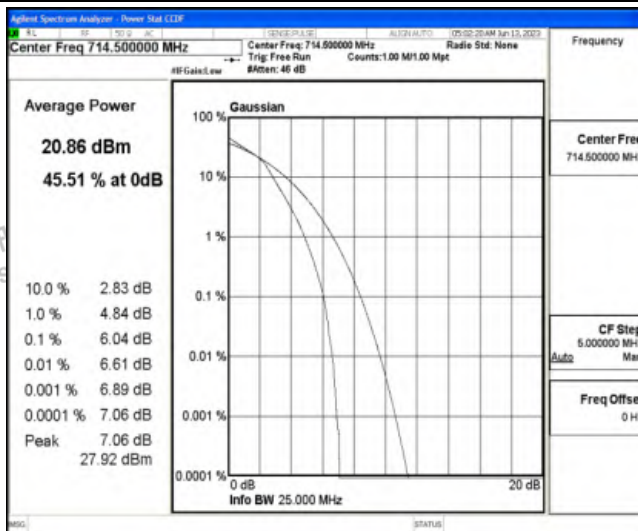




Band12-3MHz-16QAM-23095-15RB#0

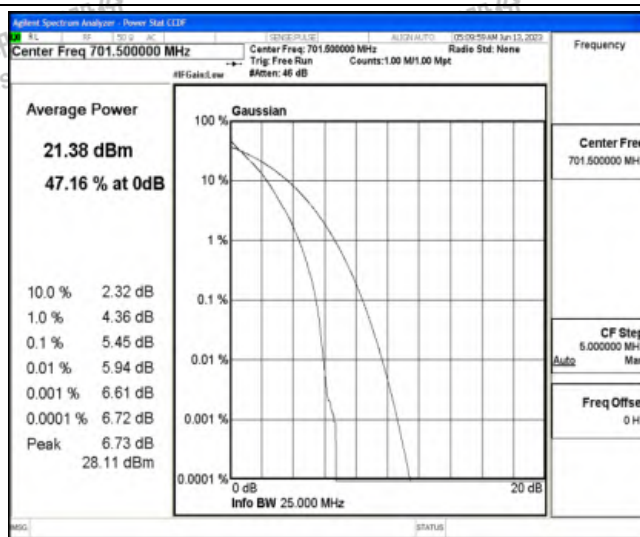


Band12-3MHz-16QAM-23165-15RB#0

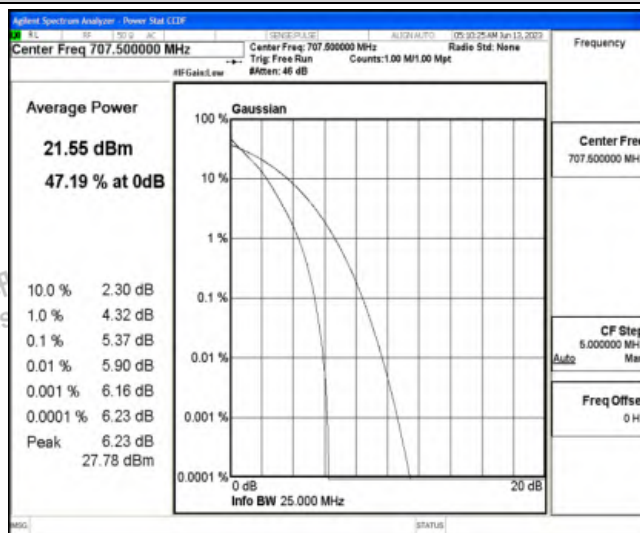


Band12-5MHz-QPSK-23035-25RB#0

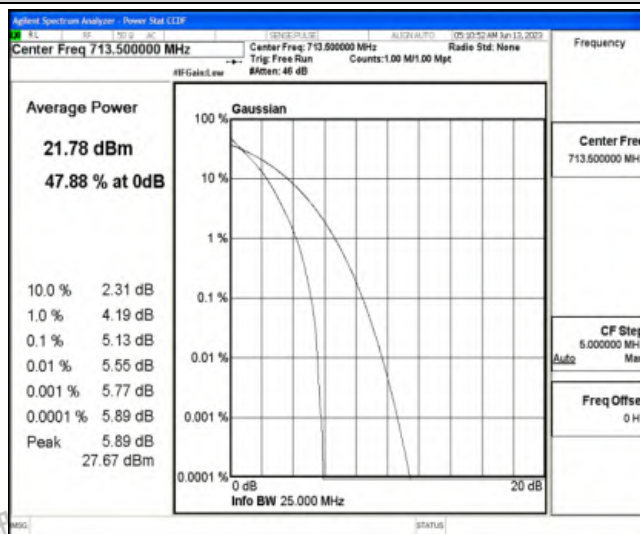




Band12-5MHz-QPSK-23095-25RB#0

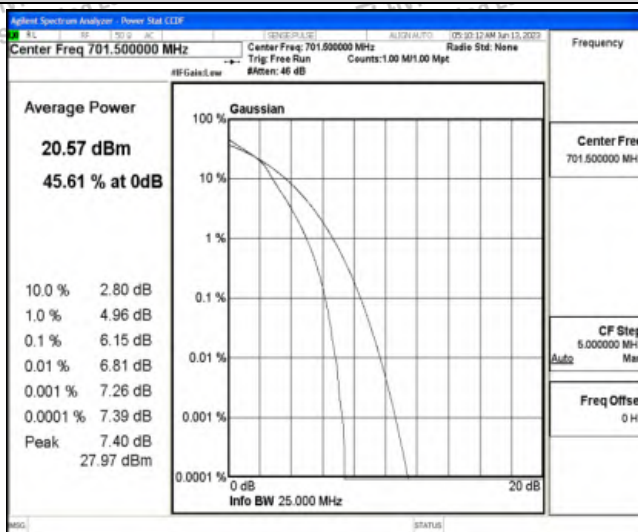


Band12-5MHz-QPSK-23155-25RB#0

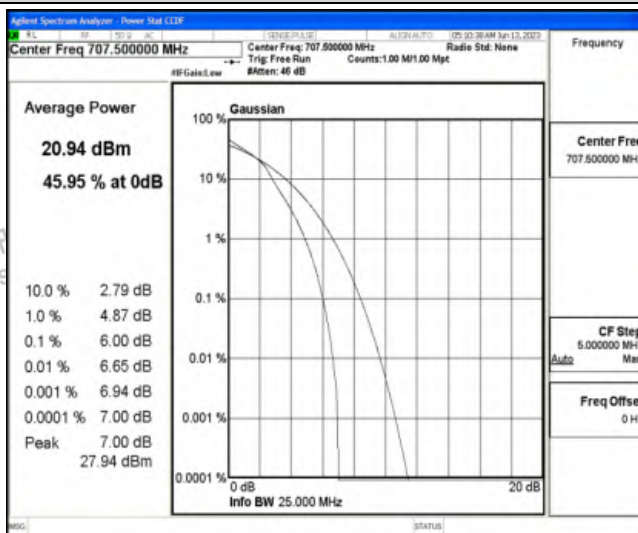




Band12-5MHz-16QAM-23035-25RB#0

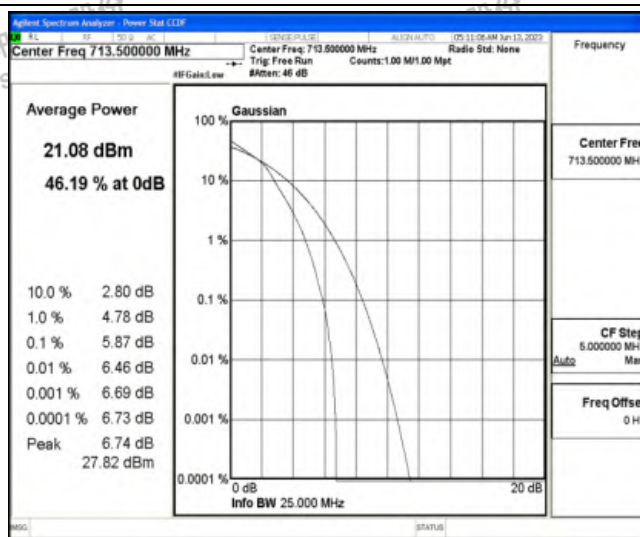


Band12-5MHz-16QAM-23095-25RB#0

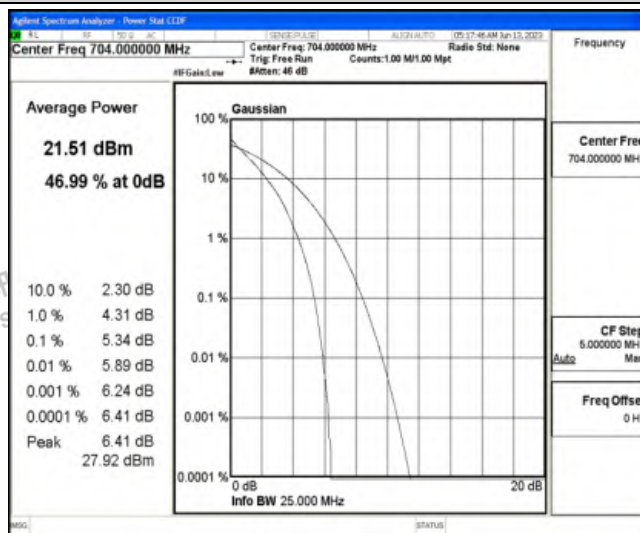


Band12-5MHz-16QAM-23155-25RB#0

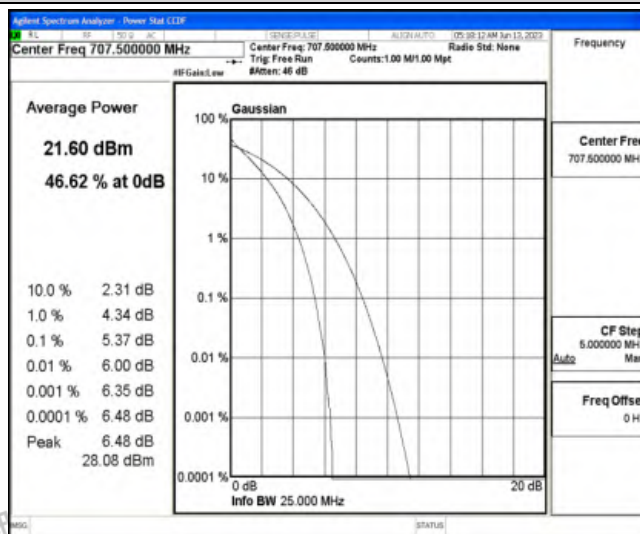




Band12-10MHz-QPSK-23060-50RB#0

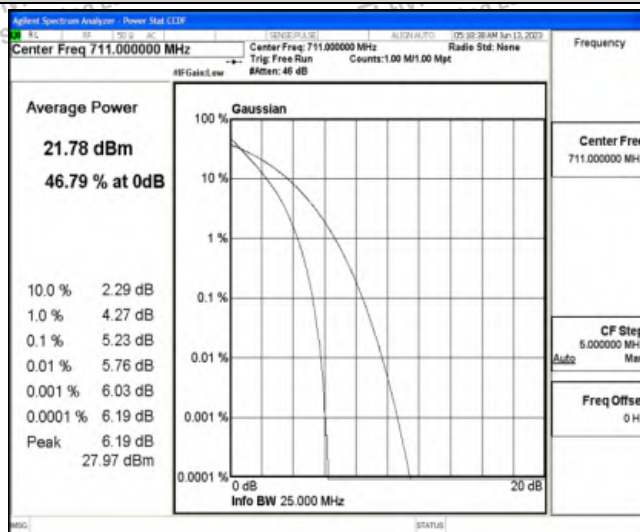


Band12-10MHz-QPSK-23095-50RB#0

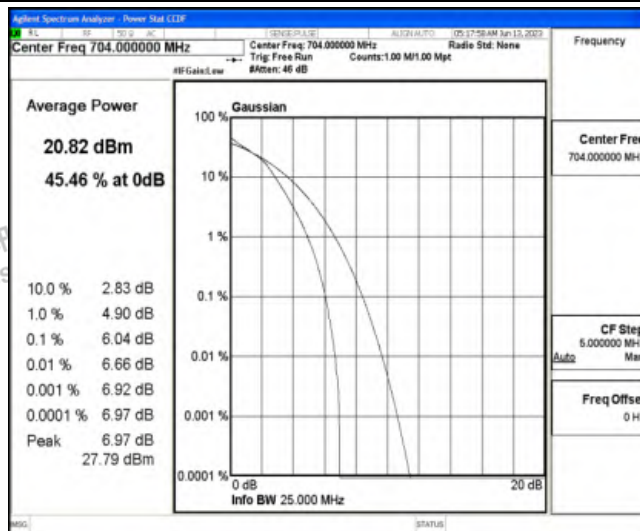




Band12-10MHz-QPSK-23130-50RB#0

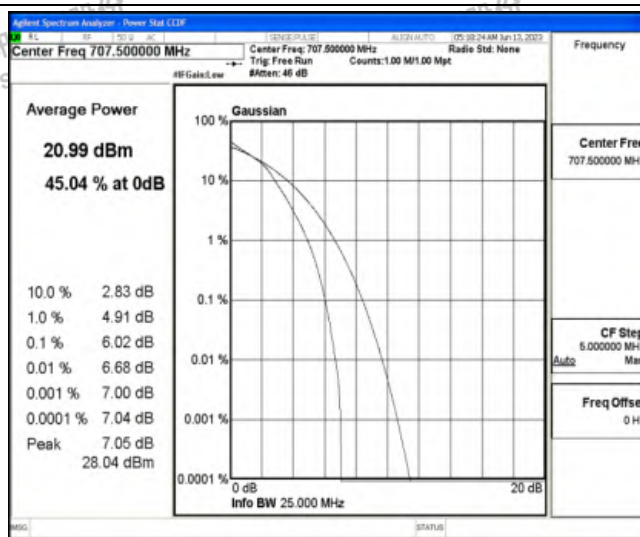


Band12-10MHz-16QAM-23060-50RB#0

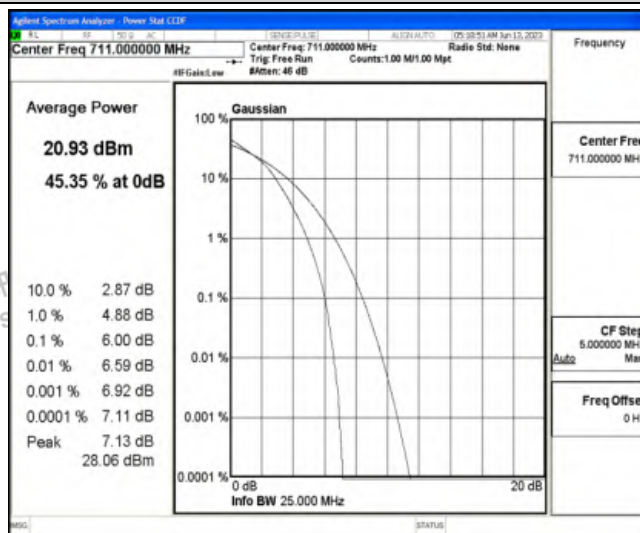


Band12-10MHz-16QAM-23095-50RB#0





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





F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

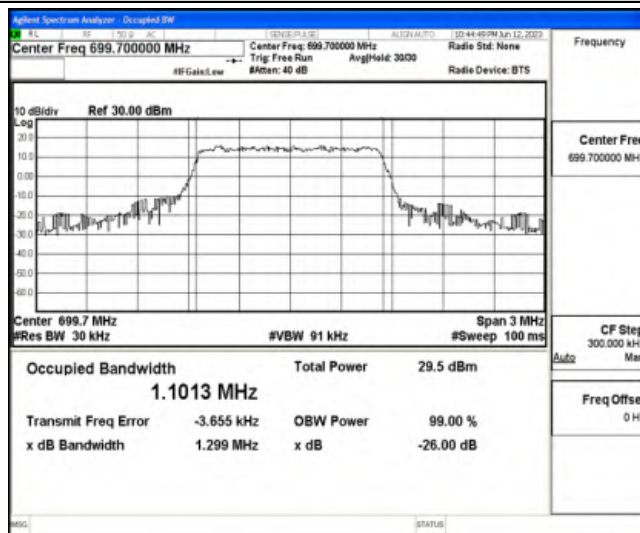
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.1013	1.299	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.1016	1.325	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0961	1.338	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1065	1.322	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1035	1.316	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0974	1.368	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7101	3.102	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7187	3.093	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7130	3.140	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7070	3.089	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7185	3.088	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7162	3.258	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5364	5.272	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5141	5.516	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5180	5.079	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5217	5.194	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5335	5.365	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5258	5.420	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9940	9.991	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0124	10.15	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9893	10.06	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0086	10.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0077	10.42	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0037	10.08	PASS



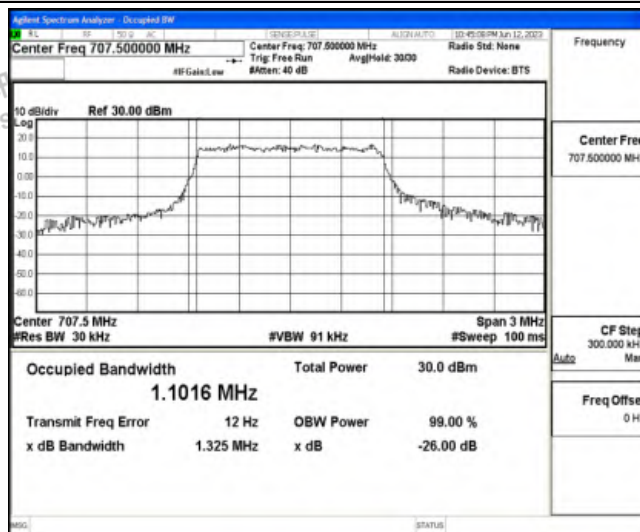


Test Graphs

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

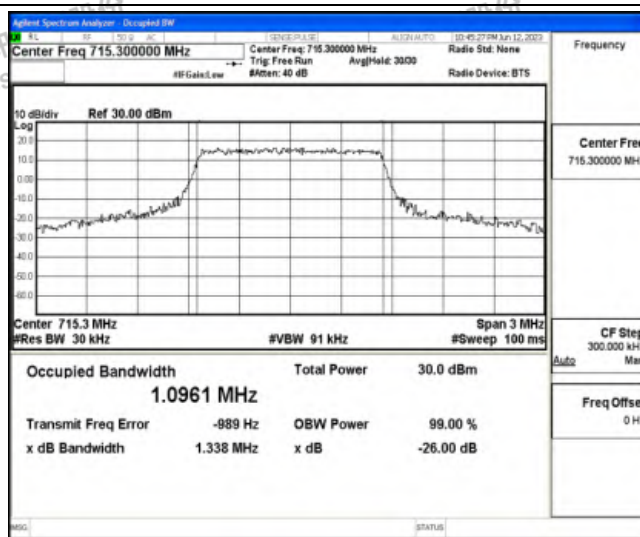


Band12-1.4MHz-QPSK-23095-6RB#0

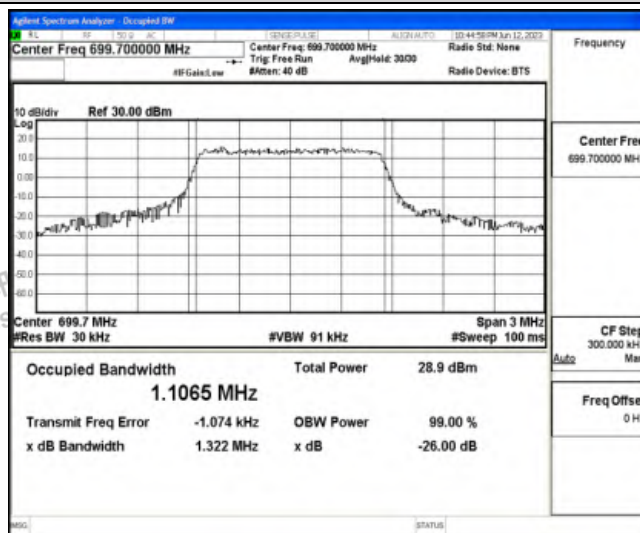


Band12-1.4MHz-QPSK-23173-6RB#0

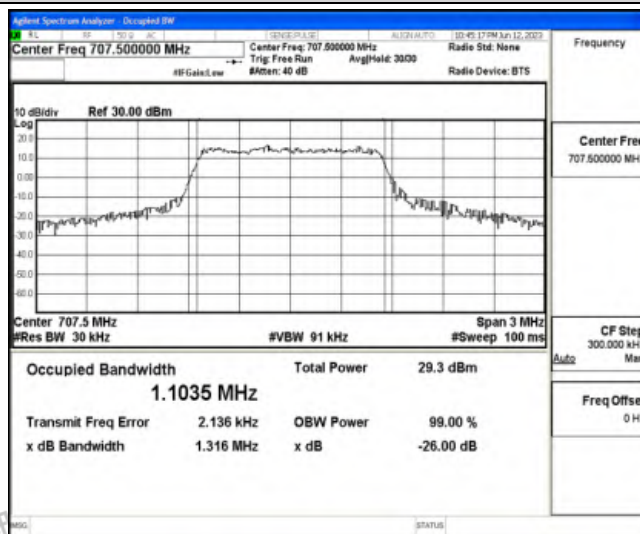




Band12-1.4MHz-16QAM-23017-6RB#0

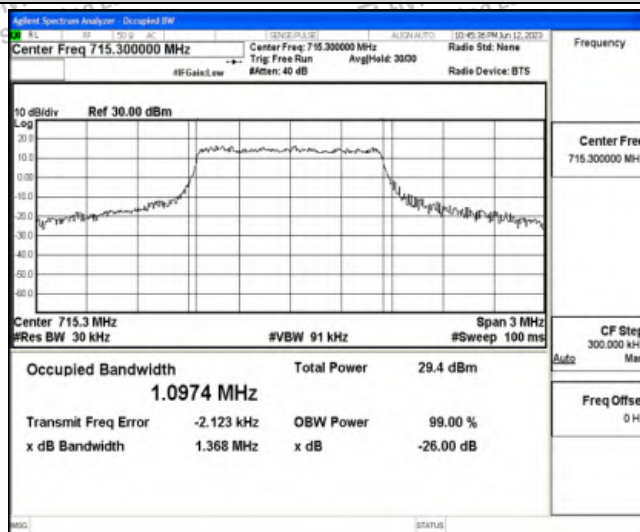


Band12-1.4MHz-16QAM-23095-6RB#0

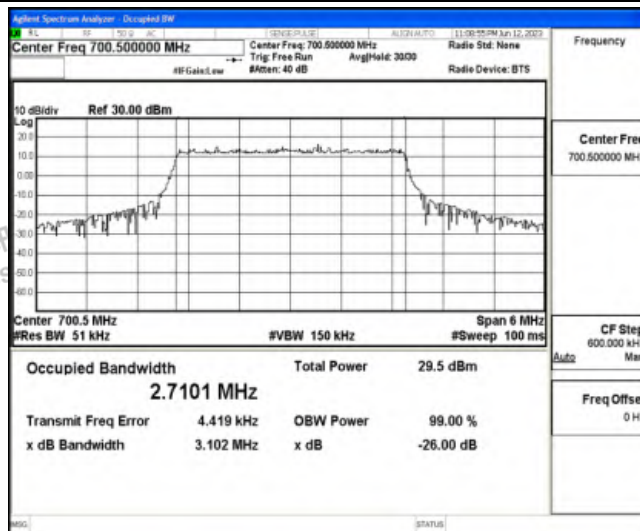




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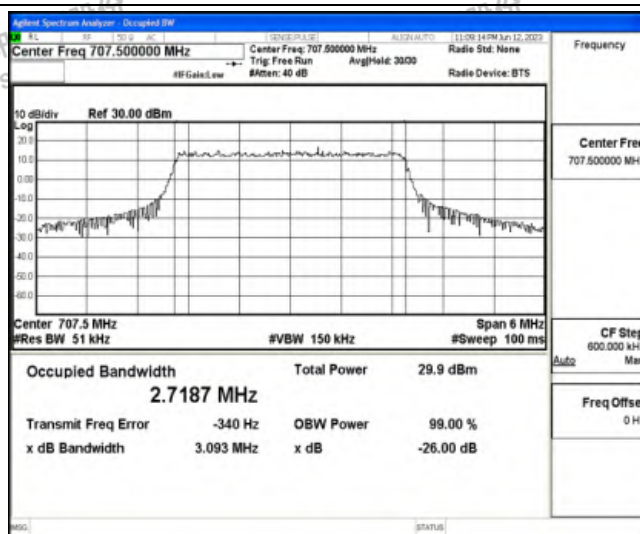


Band12-3MHz-QPSK-23025-15RB#0

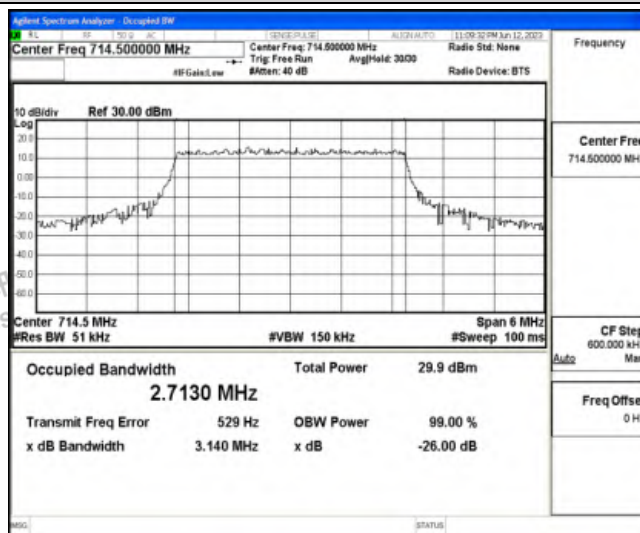


Band12-3MHz-QPSK-23095-15RB#0

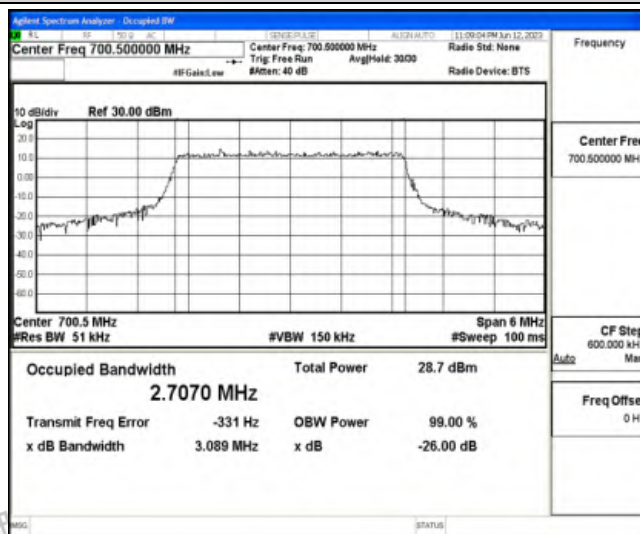


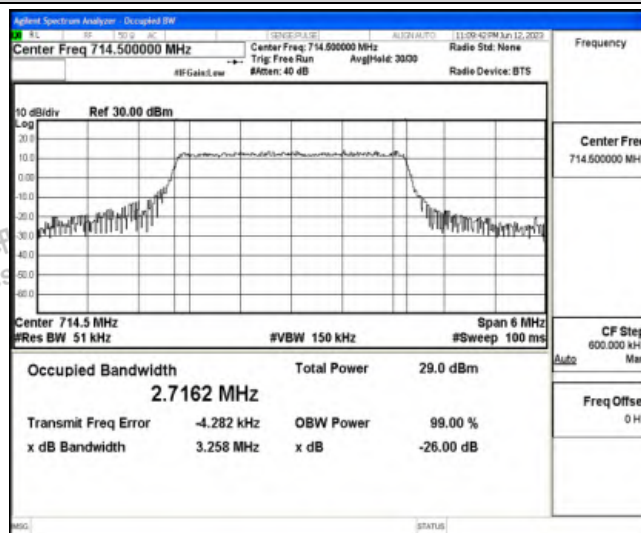
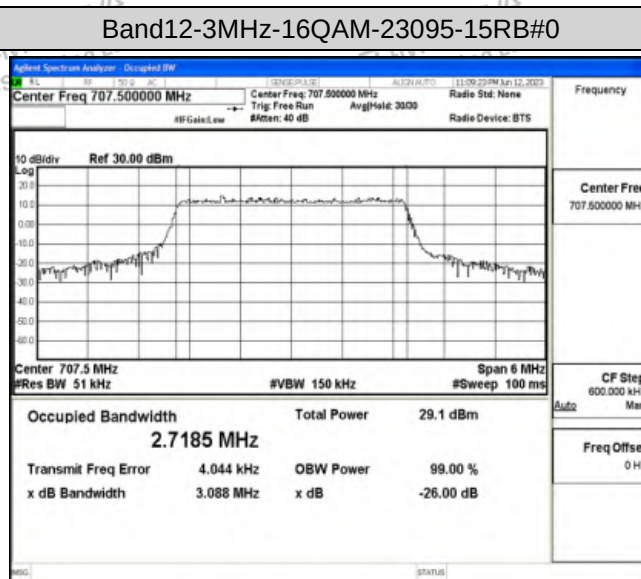


Band12-3MHz-QPSK-23165-15RB#0



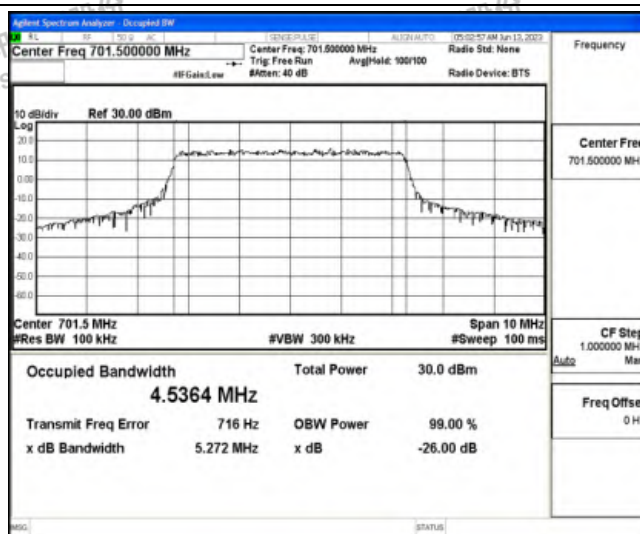
Band12-3MHz-16QAM-23025-15RB#0



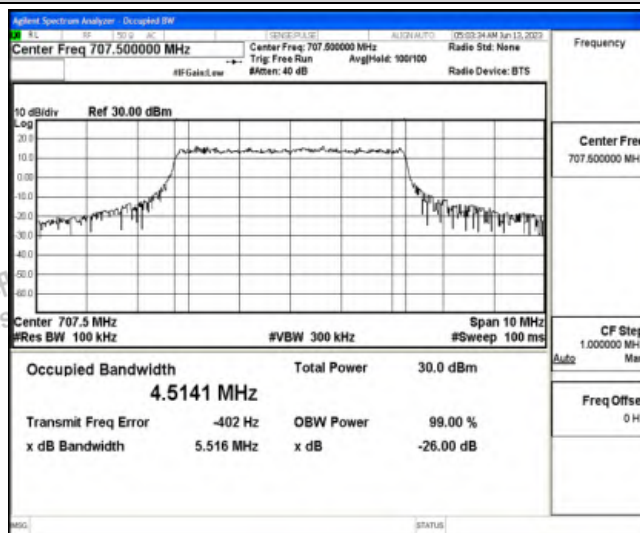


Band12-5MHz-QPSK-23035-25RB#0

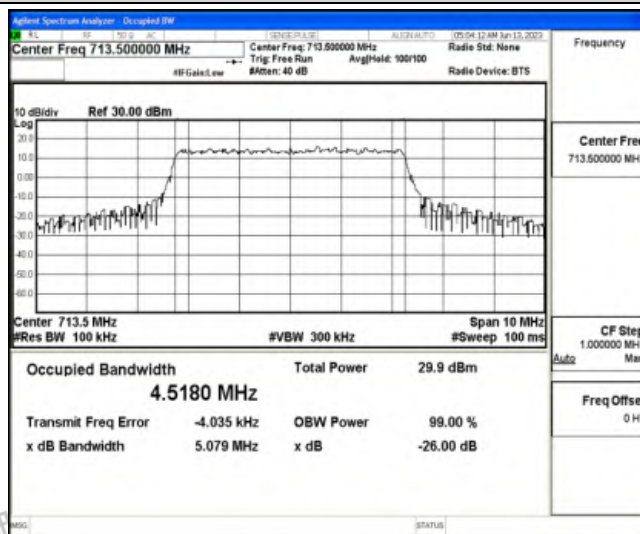




Band12-5MHz-QPSK-23095-25RB#0



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

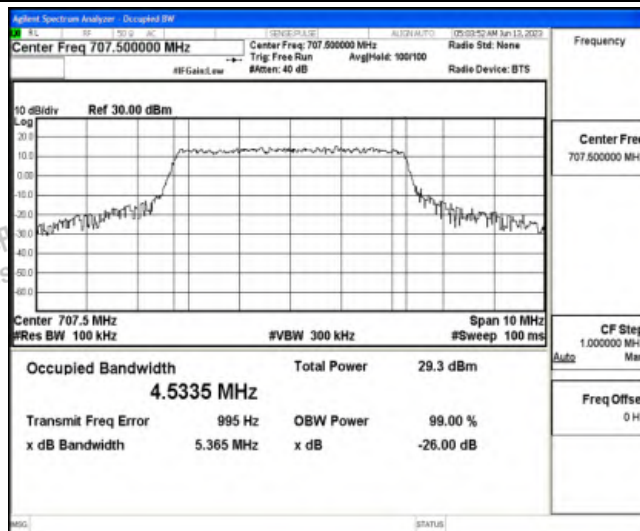




Band12-5MHz-16QAM-23035-25RB#0

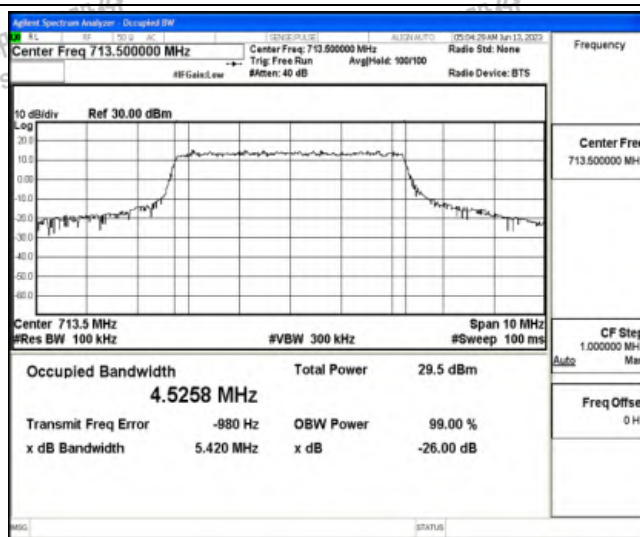


Band12-5MHz-16QAM-23095-25RB#0

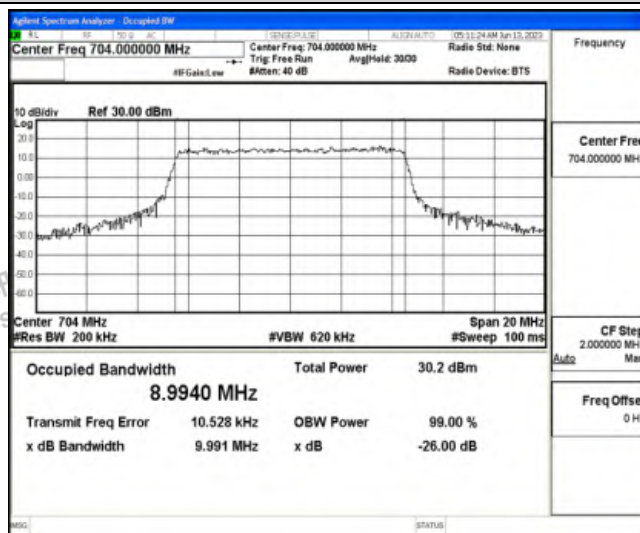


Band12-5MHz-16QAM-23155-25RB#0

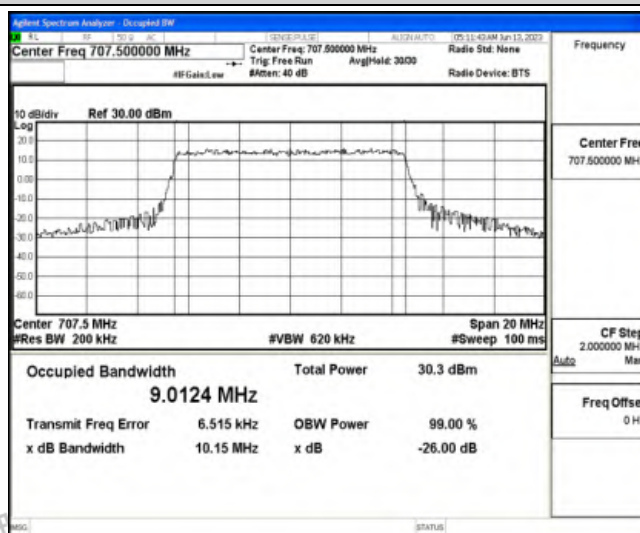




Band12-10MHz-QPSK-23060-50RB#0

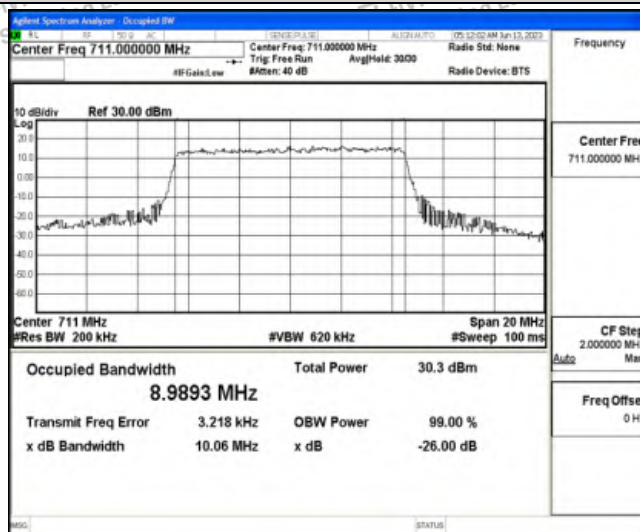


Band12-10MHz-QPSK-23095-50RB#0

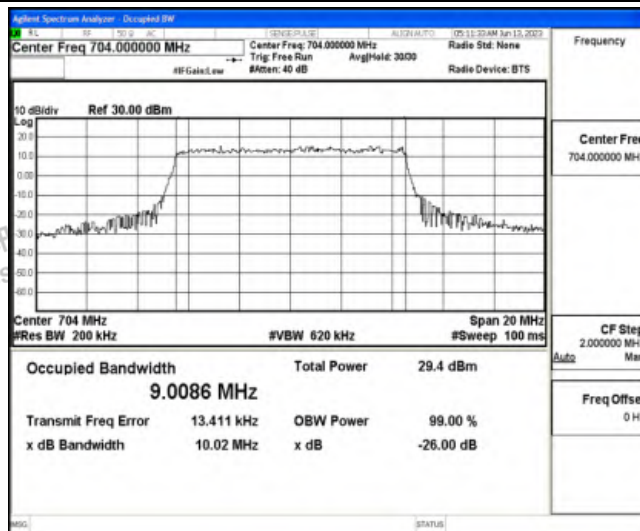




Band12-10MHz-QPSK-23130-50RB#0

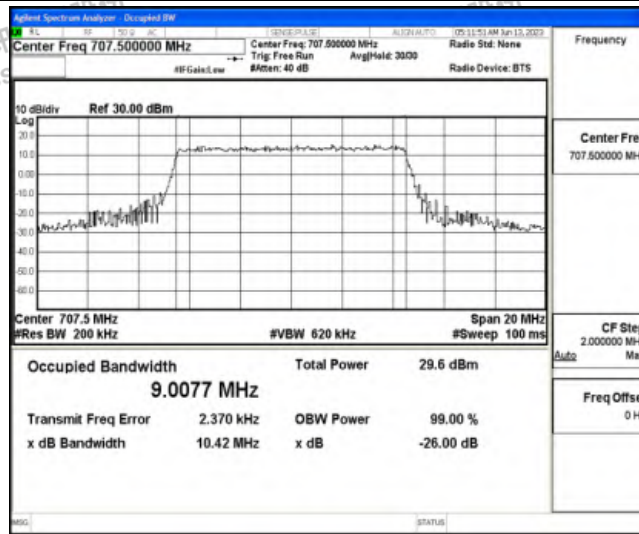


Band12-10MHz-16QAM-23060-50RB#0

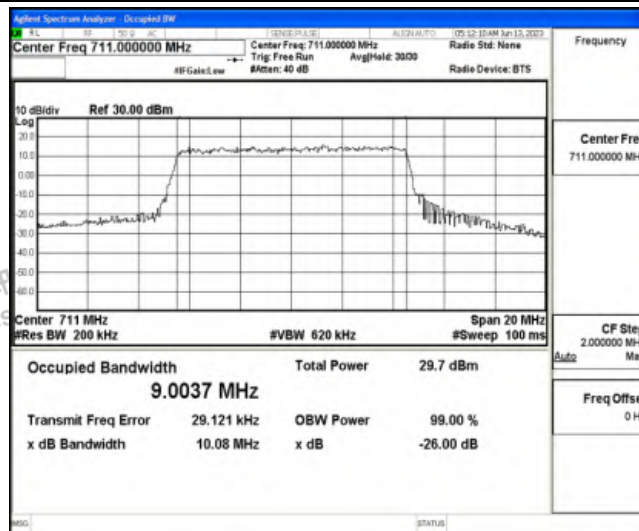


Band12-10MHz-16QAM-23095-50RB#0





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





F.4 Band Edge

Test Result

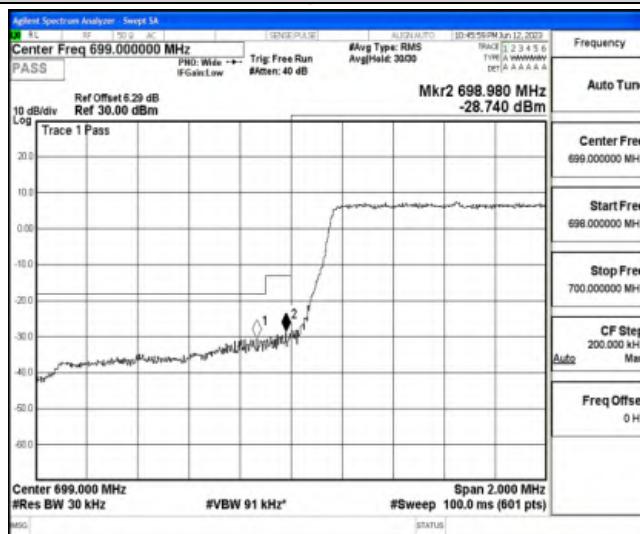
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-30.72,-28.74	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-24.76,-26.68	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-31.86,-30.03	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-26.01,-27.14	PASS
Band12	3MHz	QPSK	23025	15RB#0	-31.89,-23.52	PASS
Band12	3MHz	QPSK	23165	15RB#0	-22.14,-30.74	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.05,-22.83	PASS
Band12	3MHz	16QAM	23165	15RB#0	-22.97,-31.00	PASS
Band12	5MHz	QPSK	23035	25RB#0	-25.93	PASS
Band12	5MHz	QPSK	23155	25RB#0	-25.84	PASS
Band12	5MHz	16QAM	23035	25RB#0	-27.52	PASS
Band12	5MHz	16QAM	23155	25RB#0	-25.95	PASS
Band12	10MHz	QPSK	23060	50RB#0	-32.00,-29.75	PASS
Band12	10MHz	QPSK	23130	50RB#0	-28.73,-31.52	PASS
Band12	10MHz	16QAM	23060	50RB#0	-32.88,-30.52	PASS
Band12	10MHz	16QAM	23130	50RB#0	-29.67,-32.39	PASS



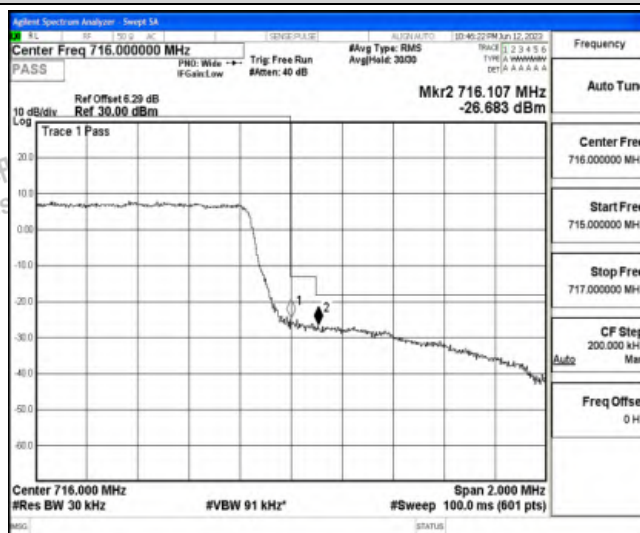


Test Graphs

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

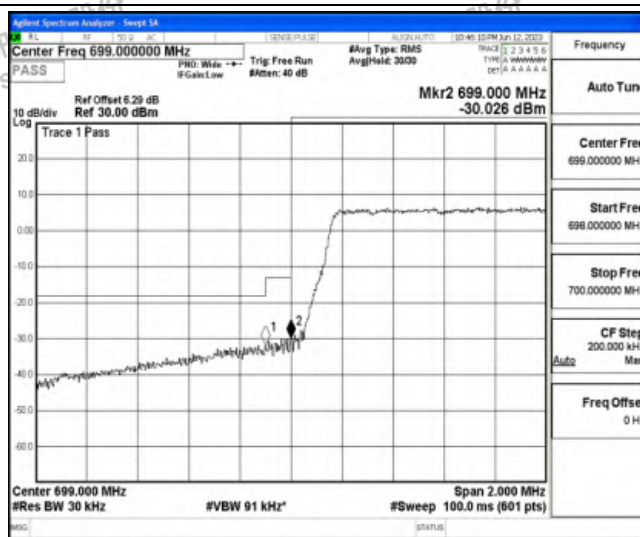


Band12-1.4MHz-QPSK-23173-6RB#0

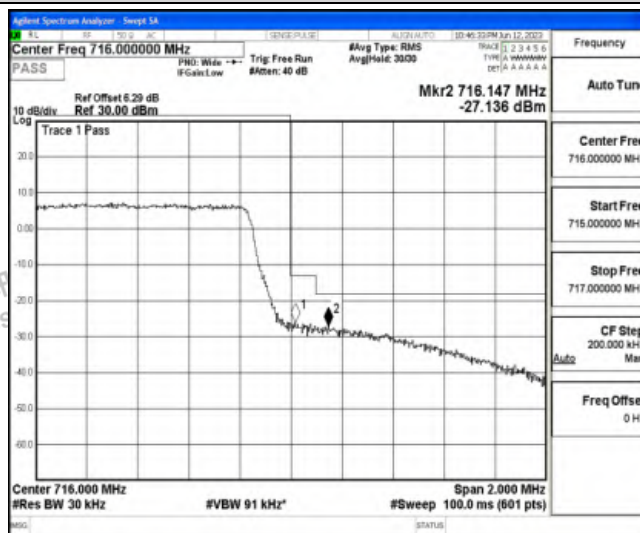


Band12-1.4MHz-16QAM-23017-6RB#0

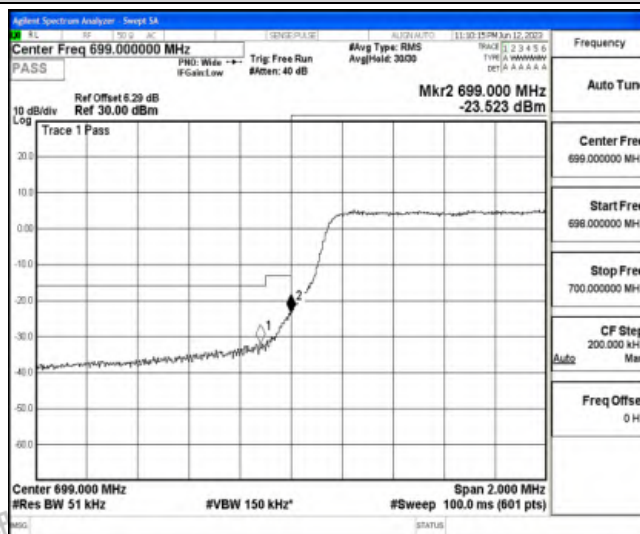




Band12-1.4MHz-16QAM-23173-6RB#0

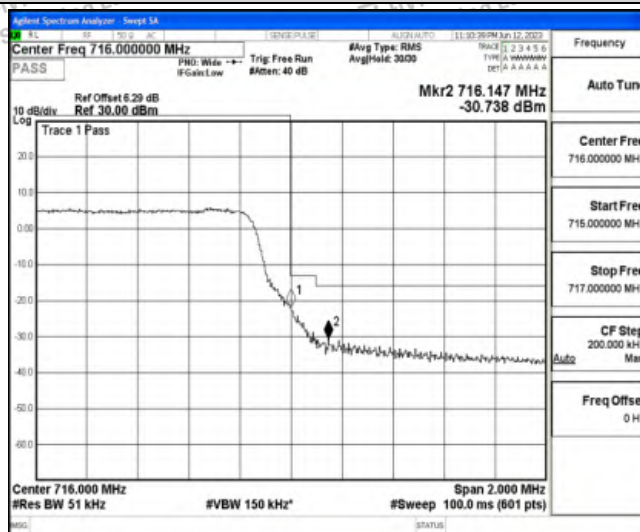


Band12-3MHz-QPSK-23025-15RB#0

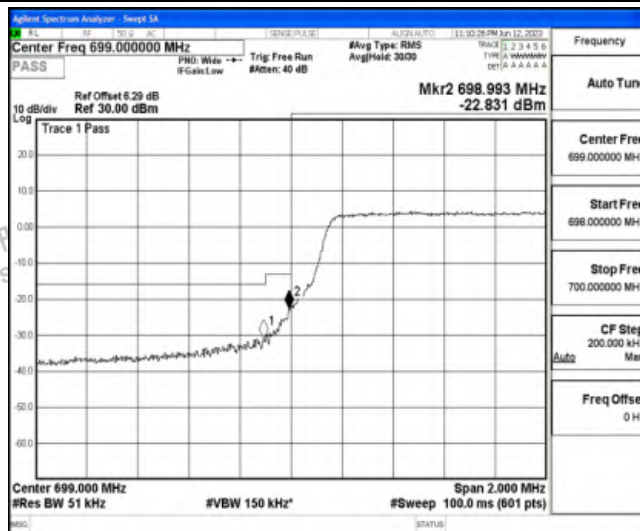




Band12-3MHz-QPSK-23165-15RB#0

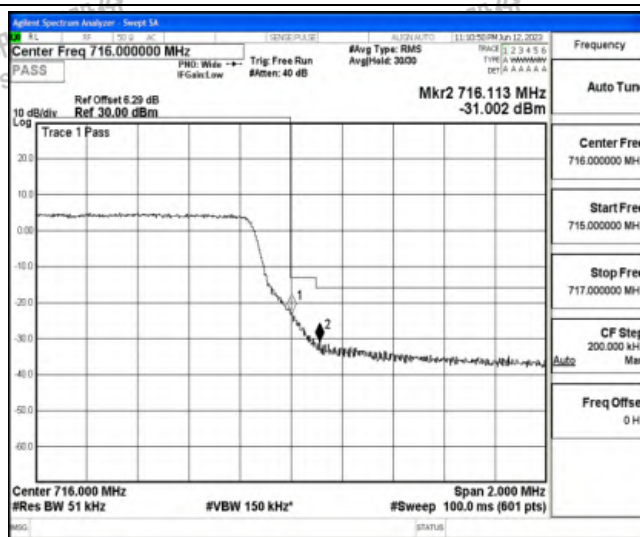


Band12-3MHz-16QAM-23025-15RB#0

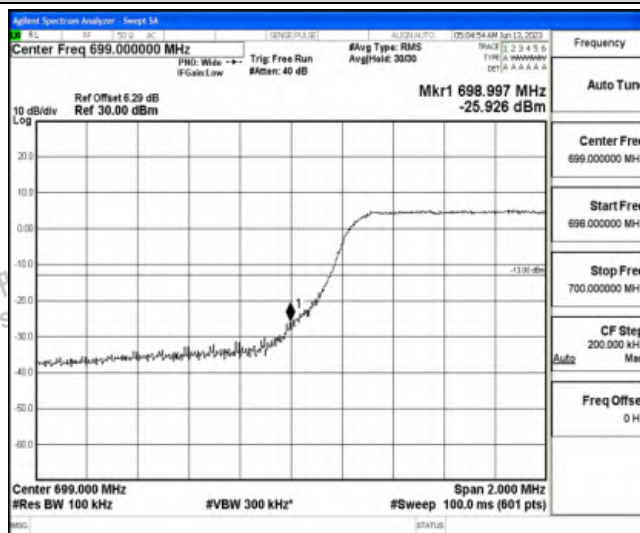


Band12-3MHz-16QAM-23165-15RB#0

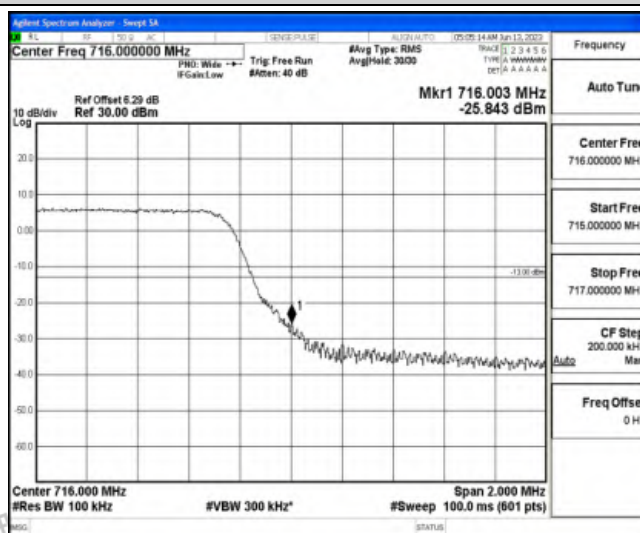




Band12-5MHz-QPSK-23035-25RB#0

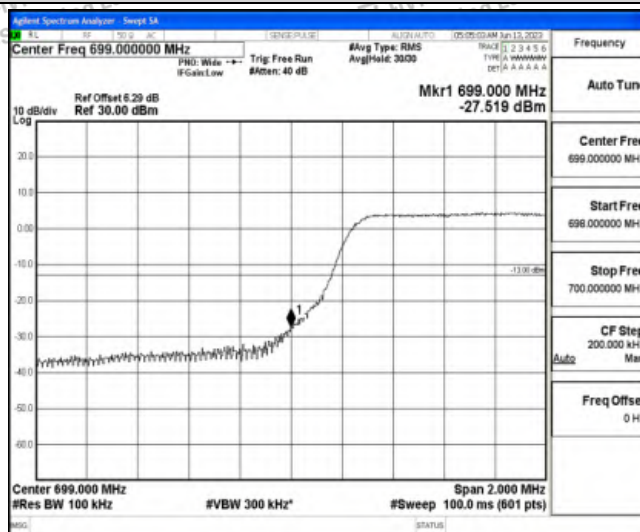


Band12-5MHz-QPSK-23155-25RB#0

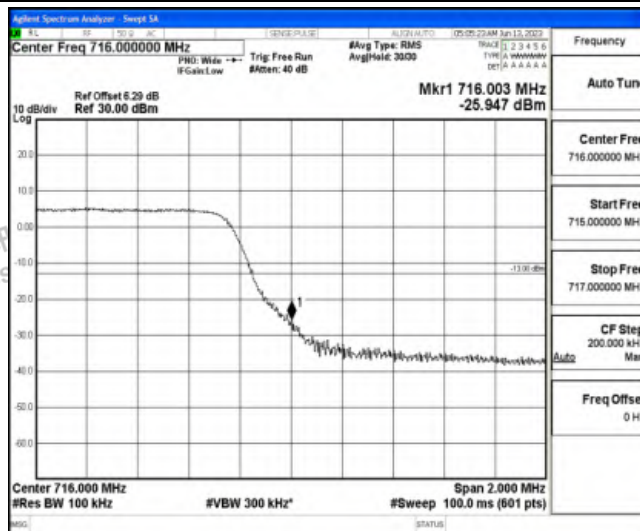




Band12-5MHz-16QAM-23035-25RB#0

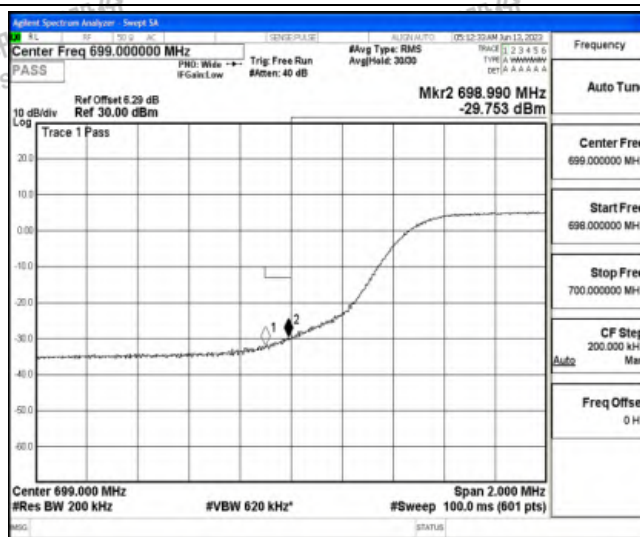


Band12-5MHz-16QAM-23155-25RB#0

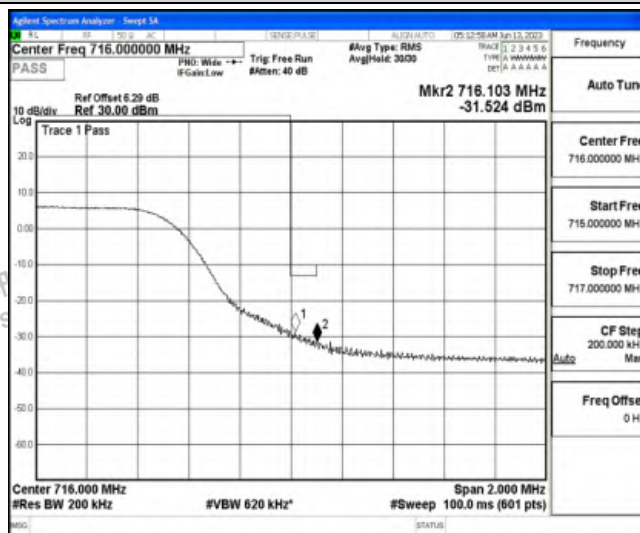


Band12-10MHz-QPSK-23060-50RB#0

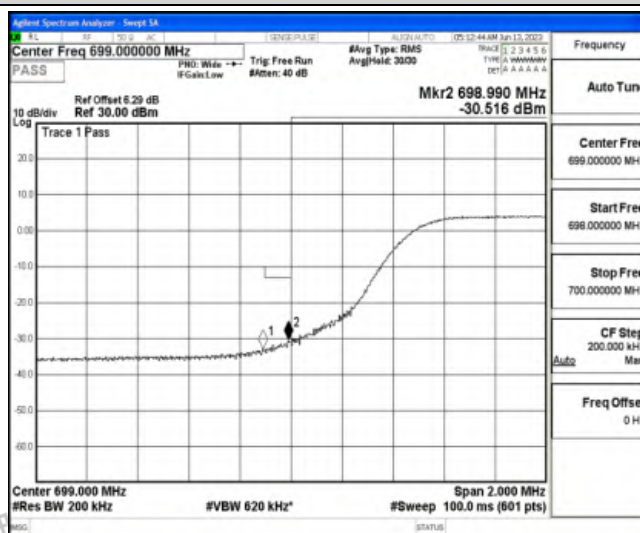




Band12-10MHz-QPSK-23130-50RB#0

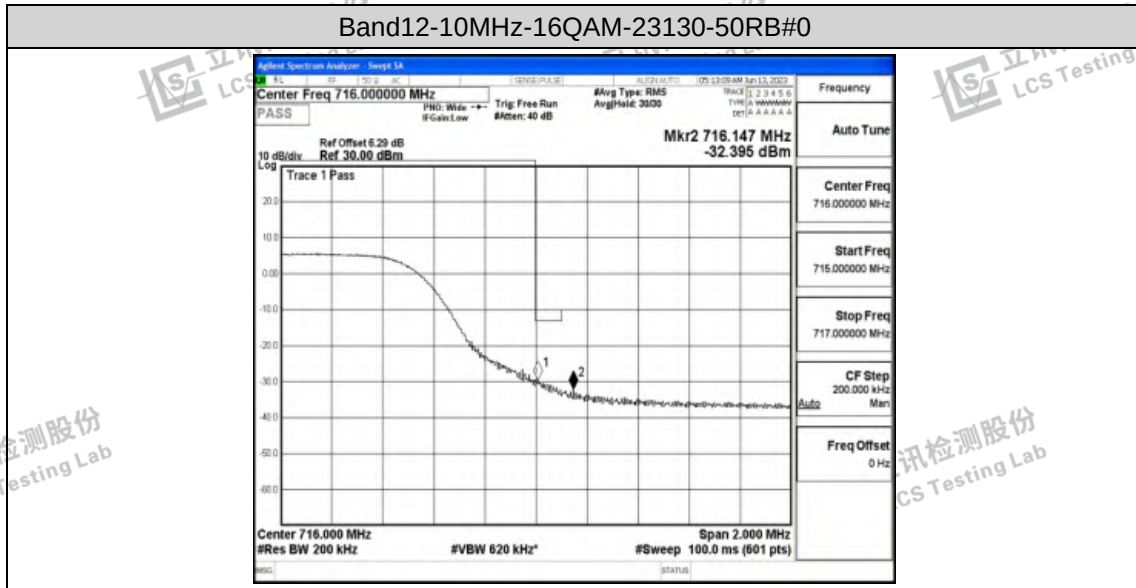


Band12-10MHz-16QAM-23060-50RB#0





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





F.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	-55.92	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-51.44	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-40.04	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-44.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.2	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-52.97	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.75	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-55.17	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-51.59	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-40.38	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-55.41	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-52.59	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-40.2	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.42	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-52.18	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-39.96	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.8	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-56.39	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-40.9	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-54.37	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-50.13	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-40.65	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-44.73	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-56.02	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-50.39	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.4	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.92	PASS





Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-55.74	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-52.61	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-40.43	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-56.12	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-51.14	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.54	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.53	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-52.48	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.83	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-54.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-51.66	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-40.16	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-54.03	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-51.9	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-40.9	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-56.3	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.5	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.65	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-54.36	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-51.26	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-41.27	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-56.4	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-52.99	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-40.7	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.78	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.82	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.6	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-56.86	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-51.88	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-39.86	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-44.89	PASS



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Scan code to check authenticity



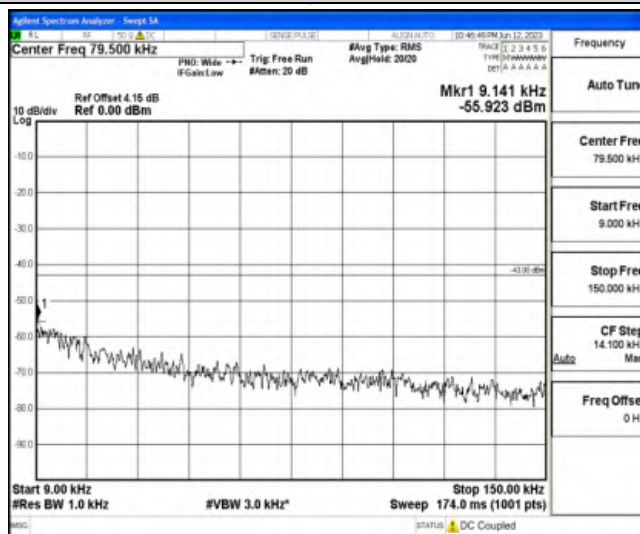
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-54.79	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-50.92	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-40.69	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-52.55	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.26	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-55.81	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-50.12	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-40.82	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-55.99	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-51.1	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-40.31	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.25	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.41	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.89	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-54.03	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-50.53	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-40.94	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-44.91	PASS



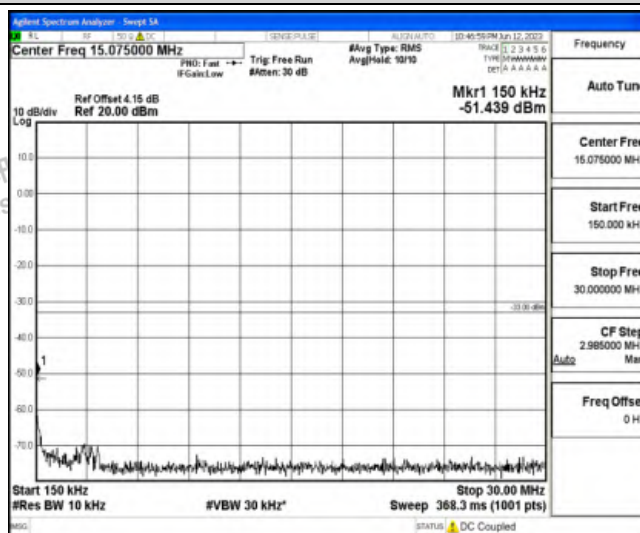


Test Graphs

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

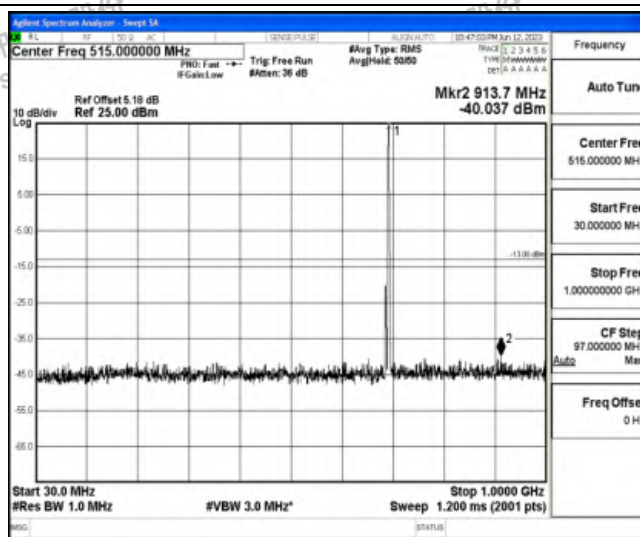


Band12-1.4MHz-QPSK-23017-1RB#0-Range2:0.15~30MHz

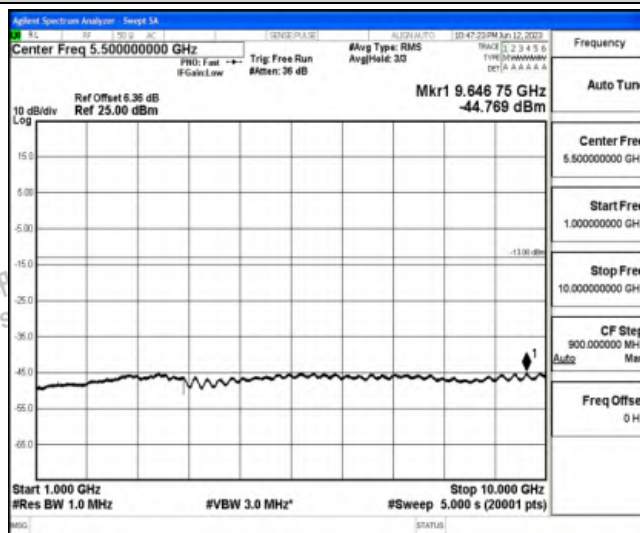


Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz

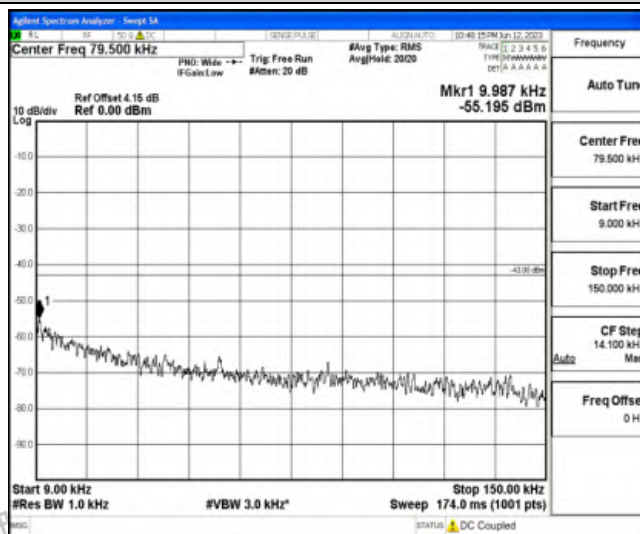




Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz

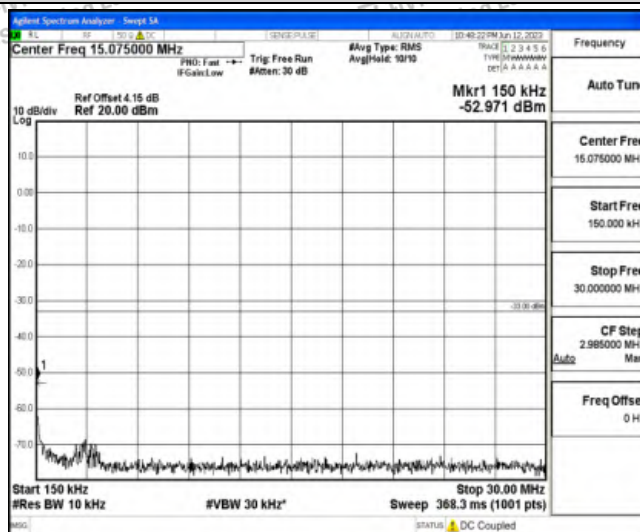


Band12-1.4MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

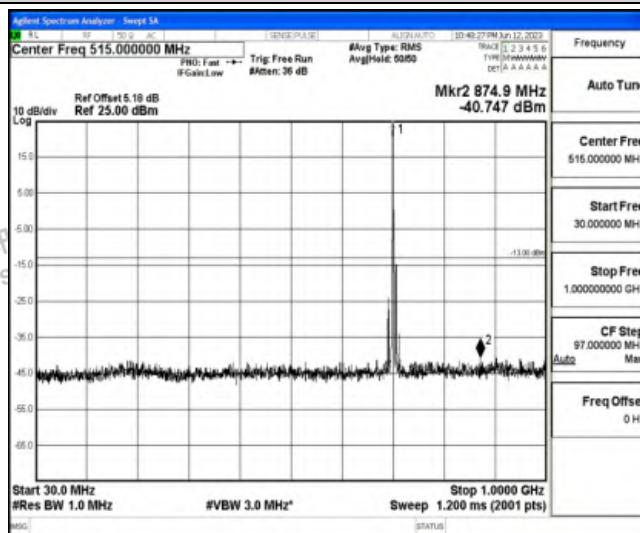




Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz

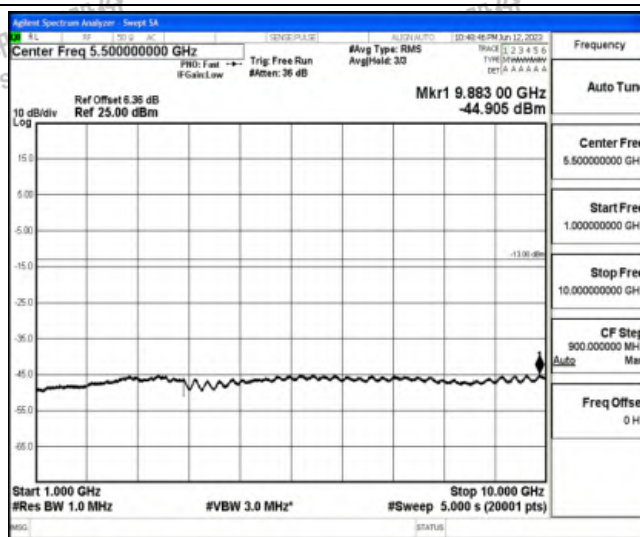


Band12-1.4MHz-QPSK-23095-1RB#0-Range3:30~1000MHz

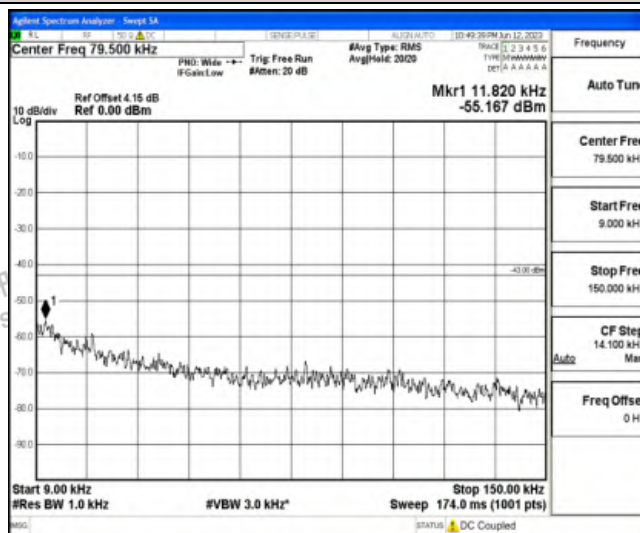


Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz

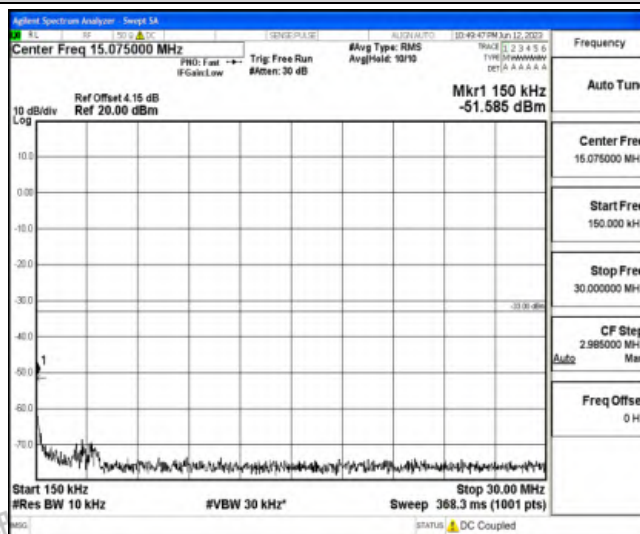




Band12-1.4MHz-QPSK-23173-1RB#0-Range1:0.009~0.15MHz

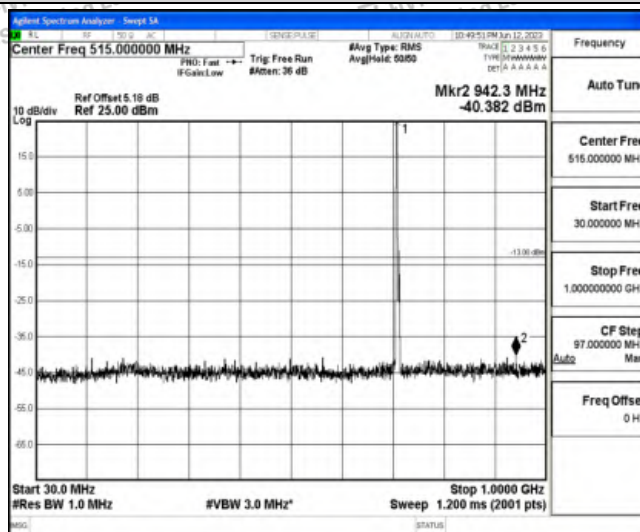


Band12-1.4MHz-QPSK-23173-1RB#0-Range2:0.15~30MHz

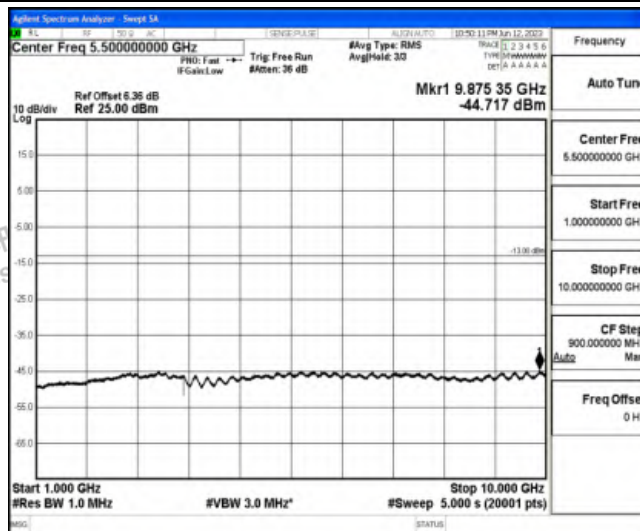




Band12-1.4MHz-QPSK-23173-1RB#0-Range3:30~1000MHz

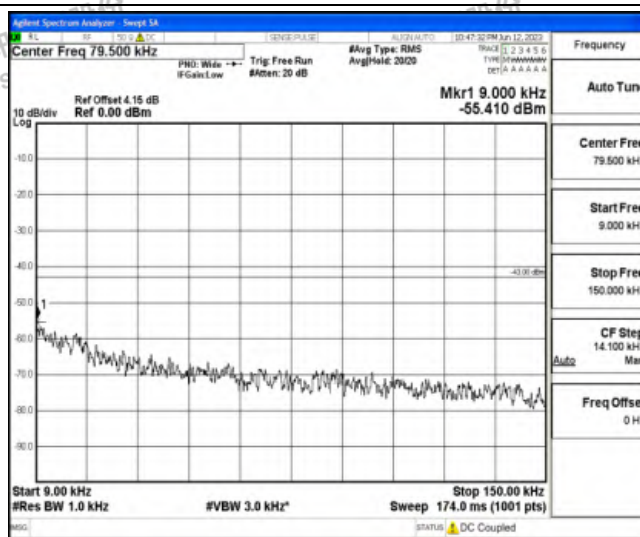


Band12-1.4MHz-QPSK-23173-1RB#0-Range4:1000~10000MHz

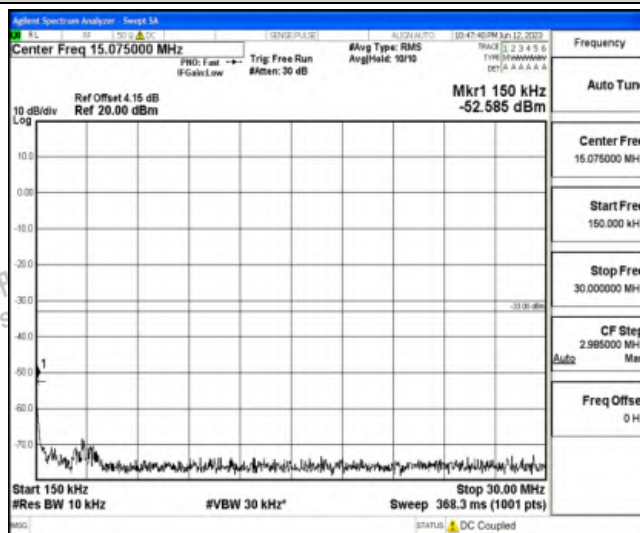


Band12-1.4MHz-16QAM-23017-1RB#0-Range1:0.009~0.15MHz

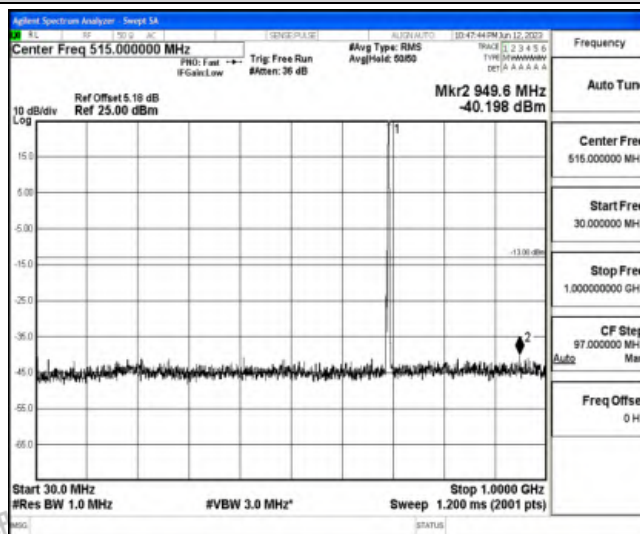




Band12-1.4MHz-16QAM-23017-1RB#0-Range2:0.15~30MHz

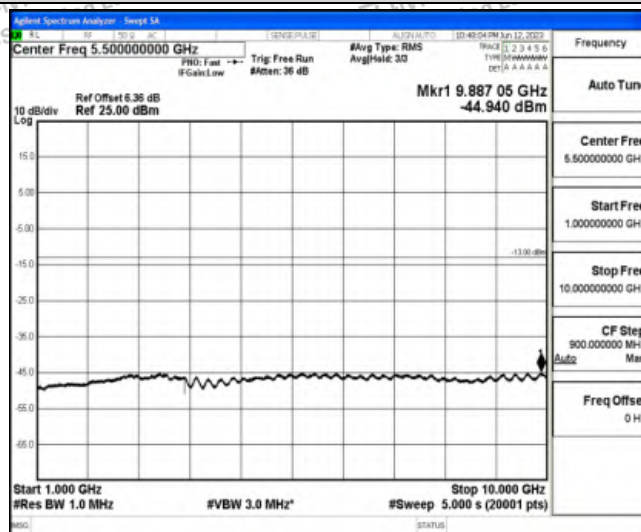


Band12-1.4MHz-16QAM-23017-1RB#0-Range3:30~1000MHz

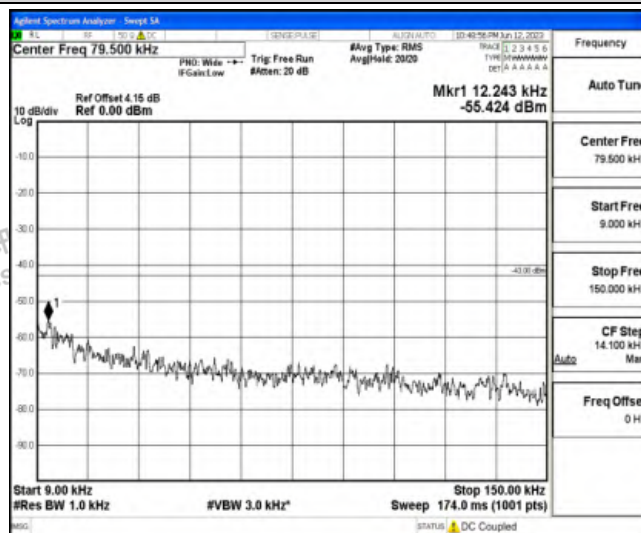




Band12-1.4MHz-16QAM-23017-1RB#0-Range4:1000~10000MHz

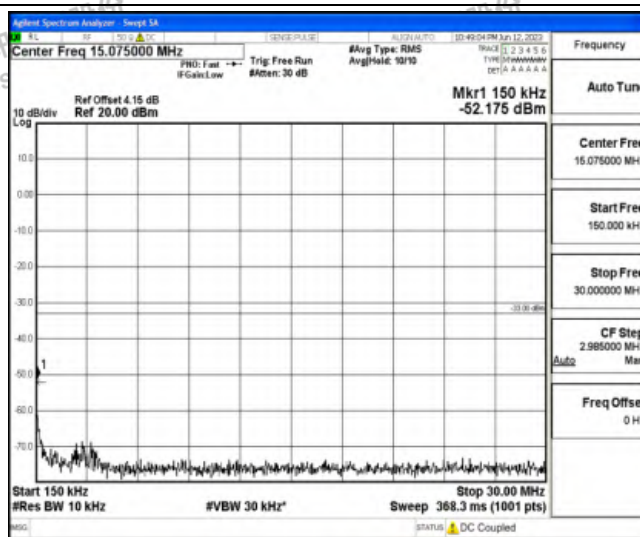


Band12-1.4MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

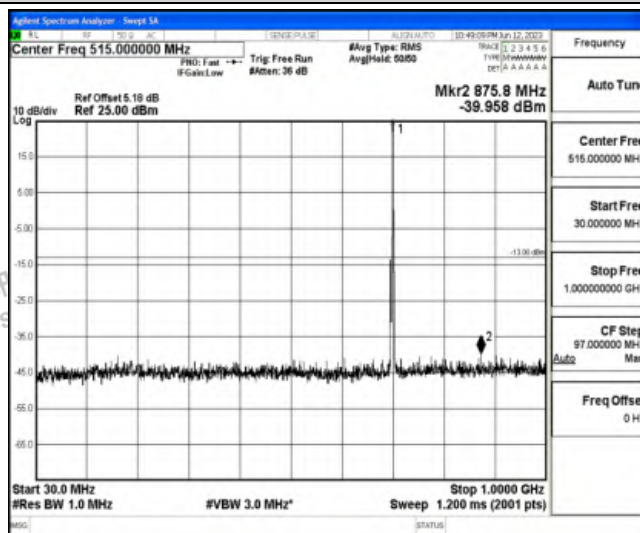


Band12-1.4MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz

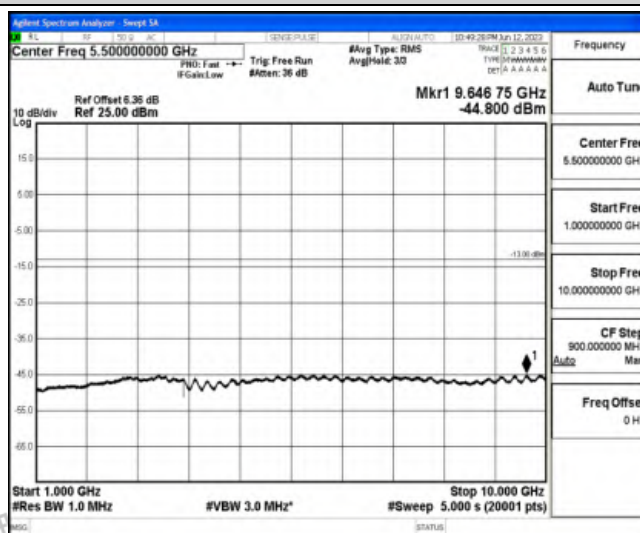




Band12-1.4MHz-16QAM-23095-1RB#0-Range3:30~1000MHz

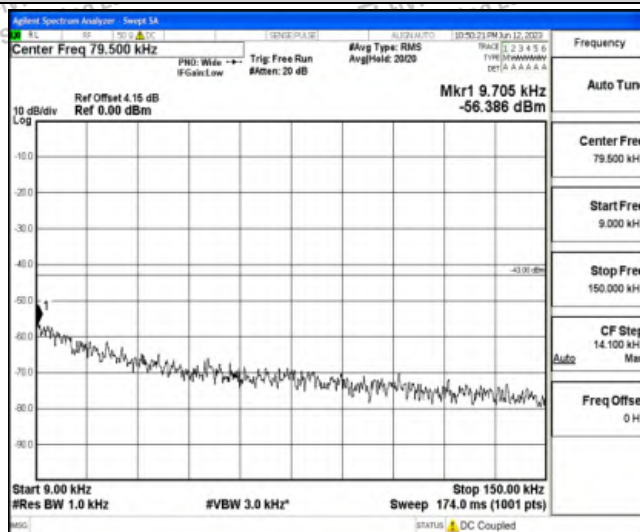


Band12-1.4MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz





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

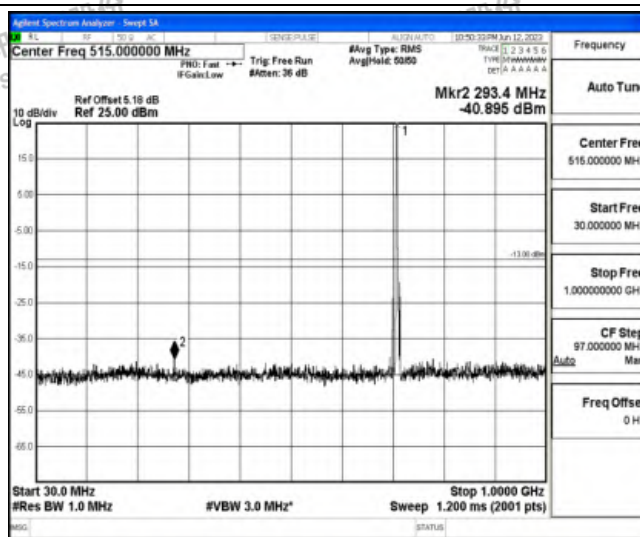


Band12-1.4MHz-16QAM-23173-1RB#0-Range2:0.15~30MHz

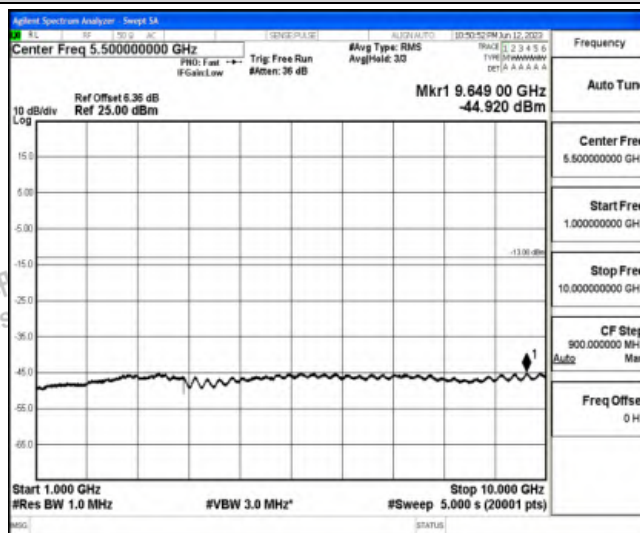


Band12-1.4MHz-16QAM-23173-1RB#0-Range3:30~1000MHz

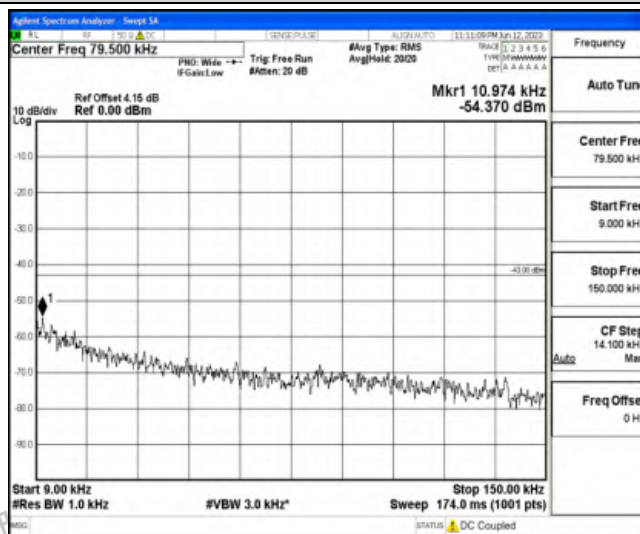




Band12-1.4MHz-16QAM-23173-1RB#0-Range4:1000~10000MHz

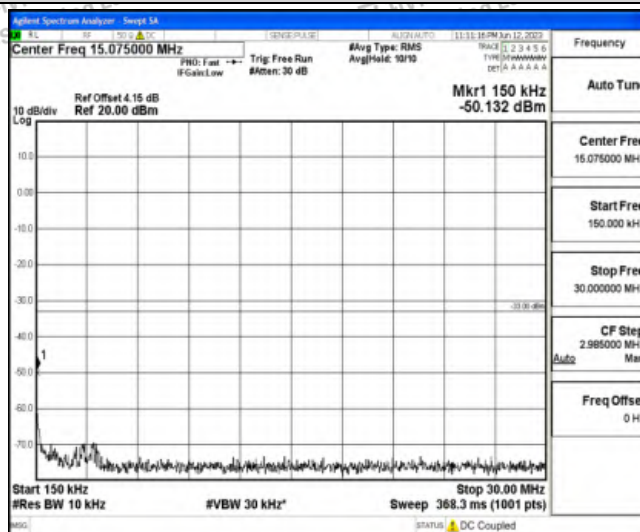


Band12-3MHz-QPSK-23025-1RB#0-Range1:0.009~0.15MHz

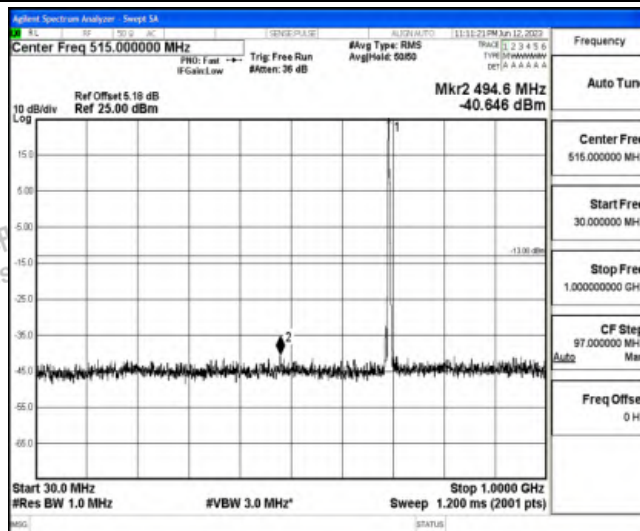




Band12-3MHz-QPSK-23025-1RB#0-Range2:0.15~30MHz

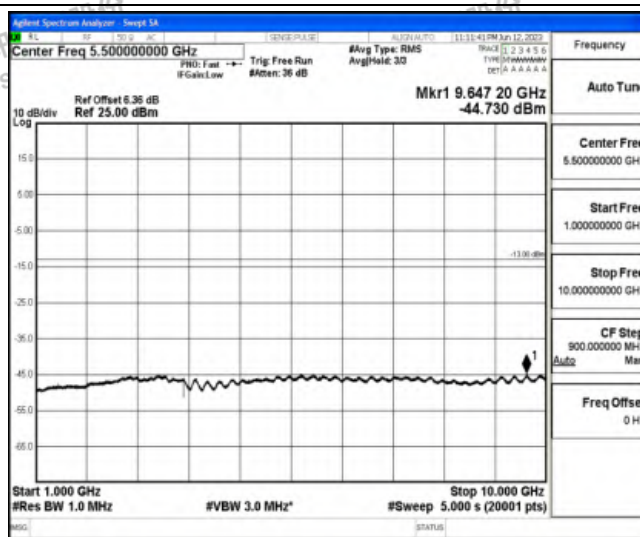


Band12-3MHz-QPSK-23025-1RB#0-Range3:30~1000MHz

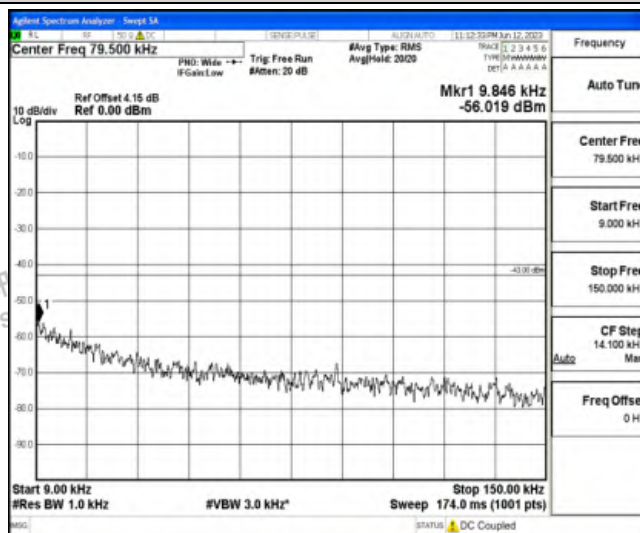


Band12-3MHz-QPSK-23025-1RB#0-Range4:1000~10000MHz

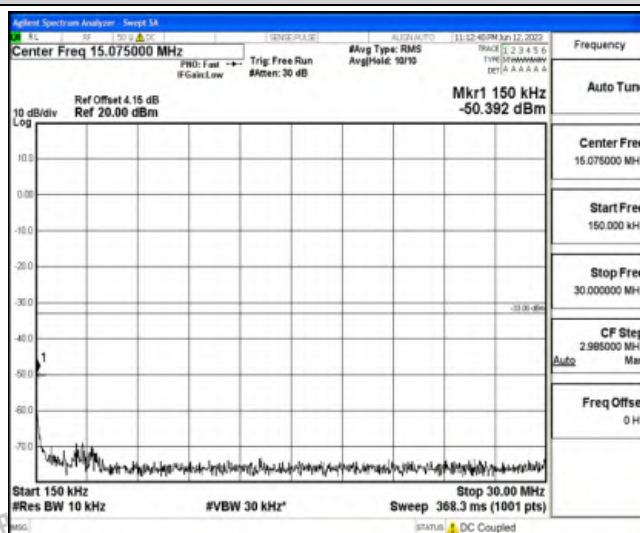




Band12-3MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

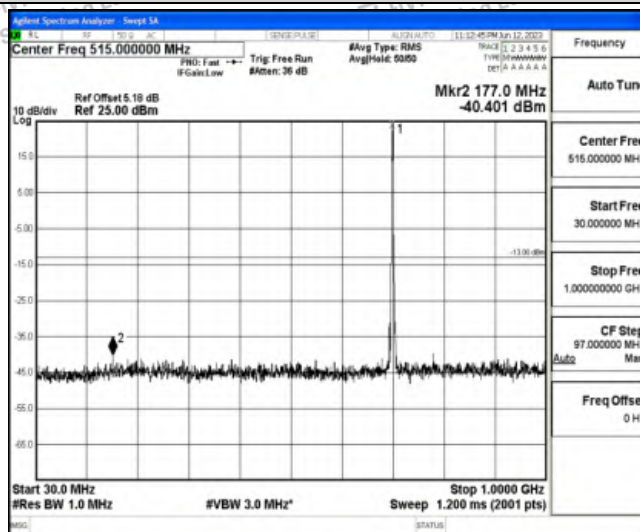


Band12-3MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz

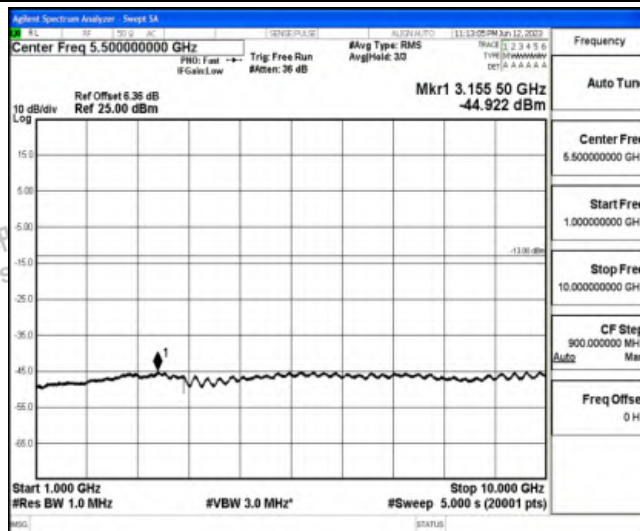




Band12-3MHz-QPSK-23095-1RB#0-Range3:30~1000MHz

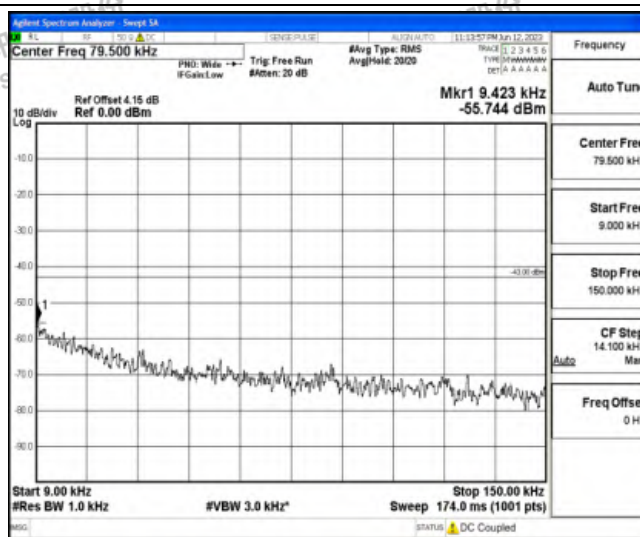


Band12-3MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz

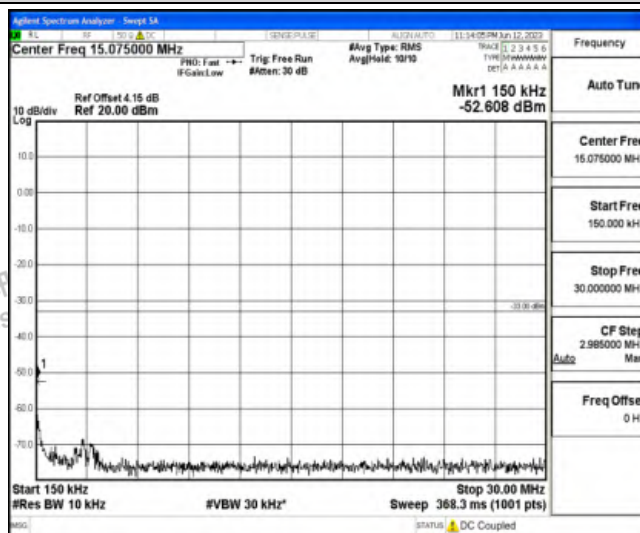


Band12-3MHz-QPSK-23165-1RB#0-Range1:0.009~0.15MHz

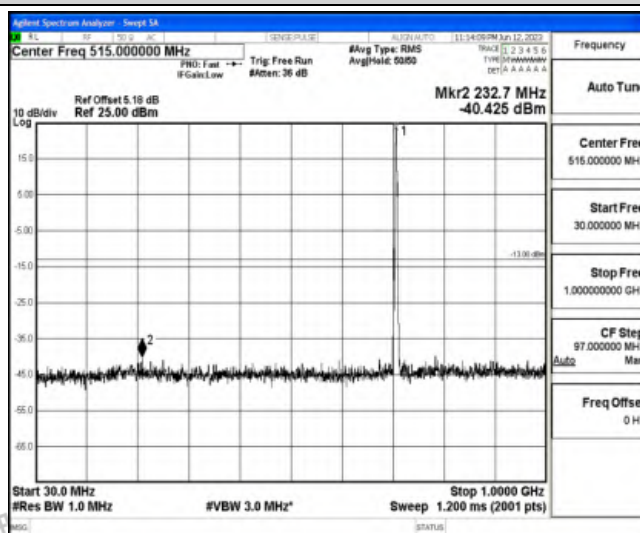




Band12-3MHz-QPSK-23165-1RB#0-Range2:0.15~30MHz

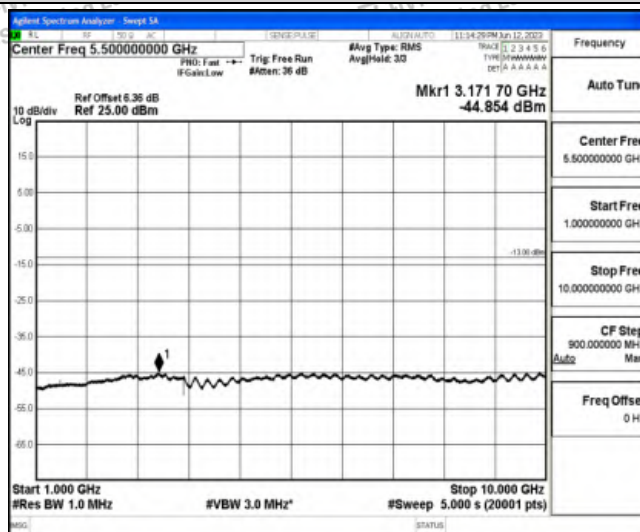


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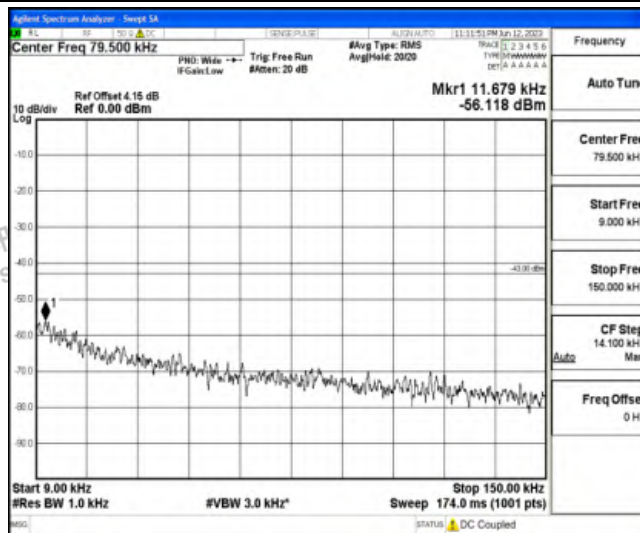




Band12-3MHz-QPSK-23165-1RB#0-Range4:1000~10000MHz

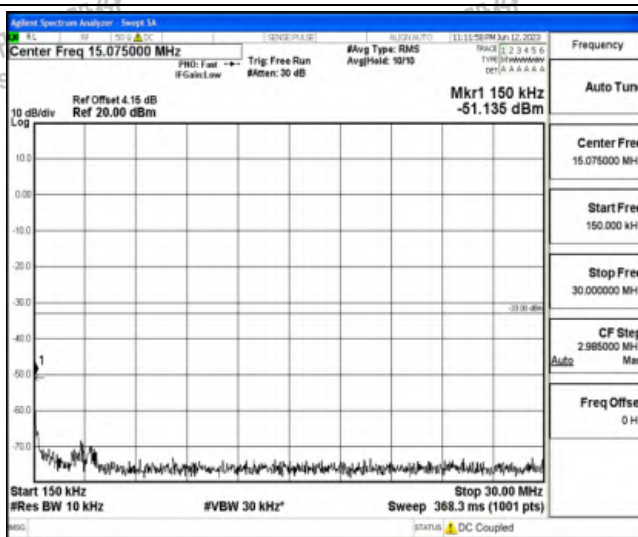


Band12-3MHz-16QAM-23025-1RB#0-Range1:0.009~0.15MHz

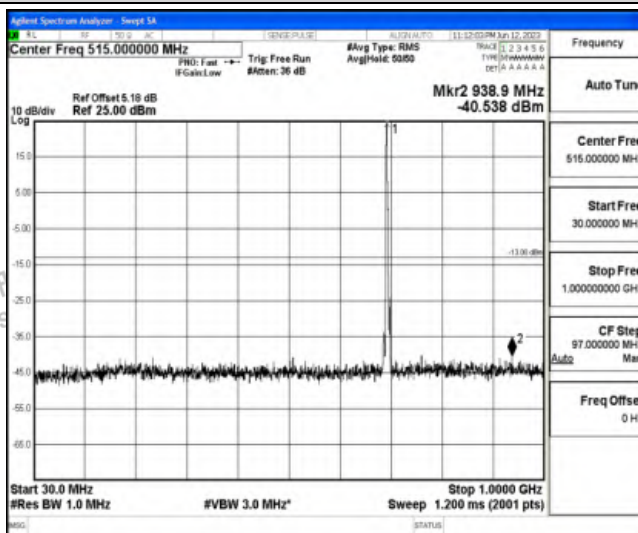


Band12-3MHz-16QAM-23025-1RB#0-Range2:0.15~30MHz

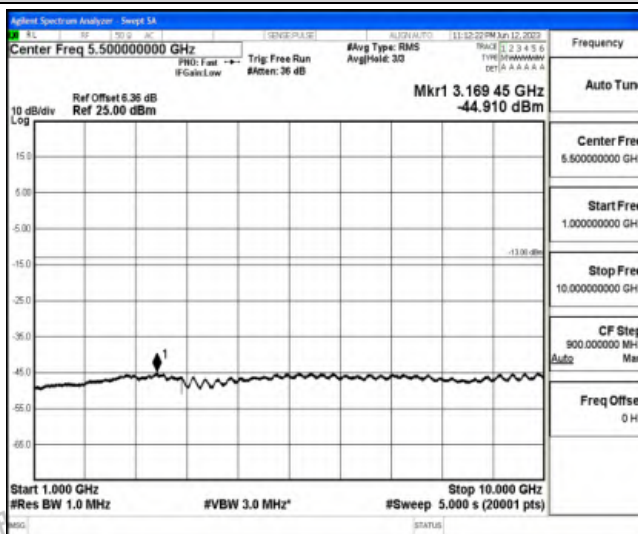




Band12-3MHz-16QAM-23025-1RB#0-Range3:30~1000MHz

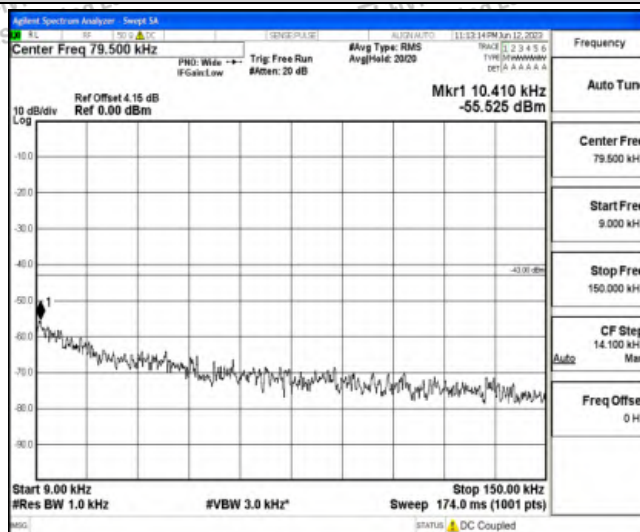


Band12-3MHz-16QAM-23025-1RB#0-Range4:1000~10000MHz

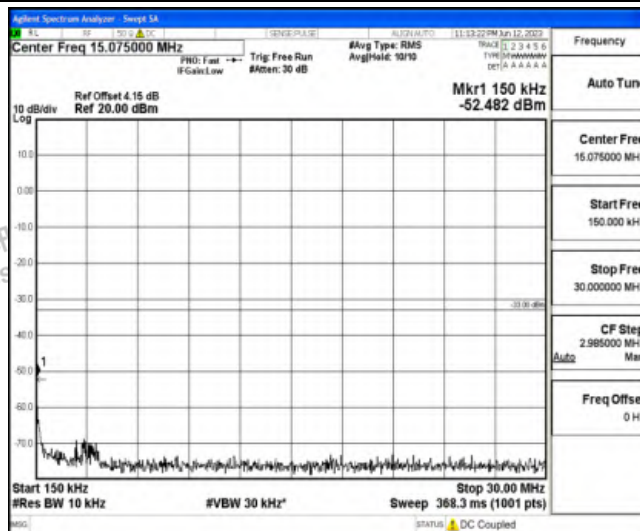




Band12-3MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

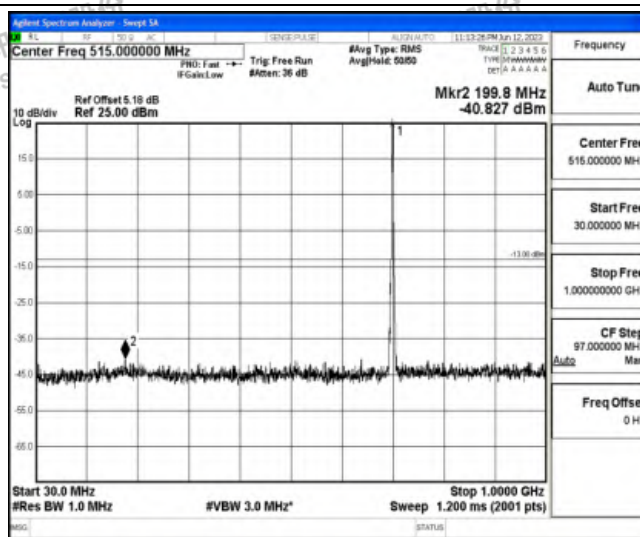


Band12-3MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz

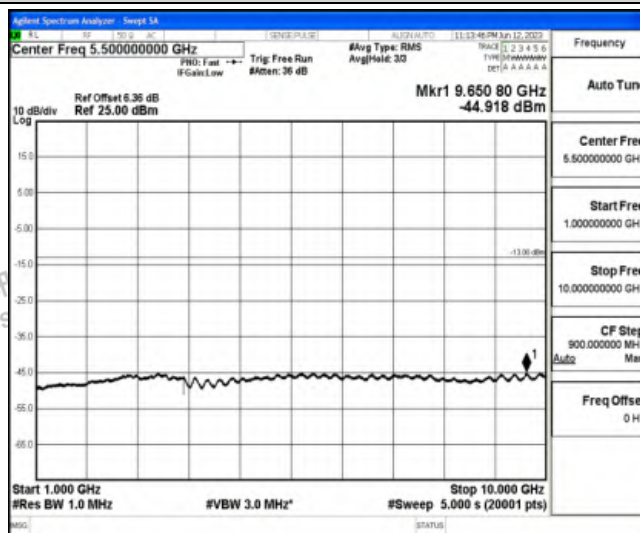


Band12-3MHz-16QAM-23095-1RB#0-Range3:30~1000MHz

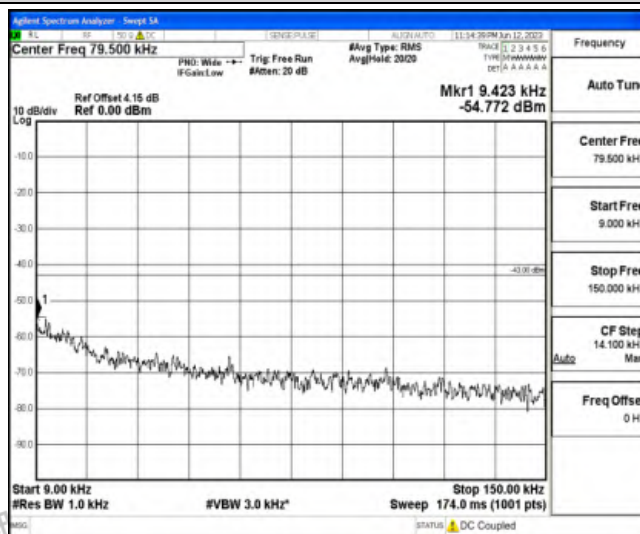




Band12-3MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz

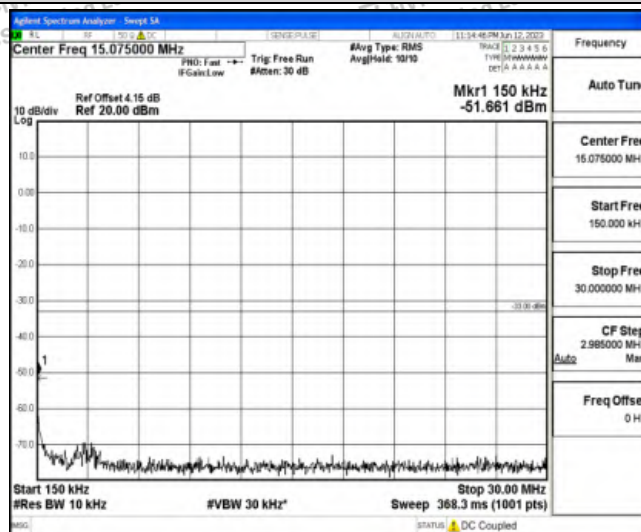


Band12-3MHz-16QAM-23165-1RB#0-Range1:0.009~0.15MHz

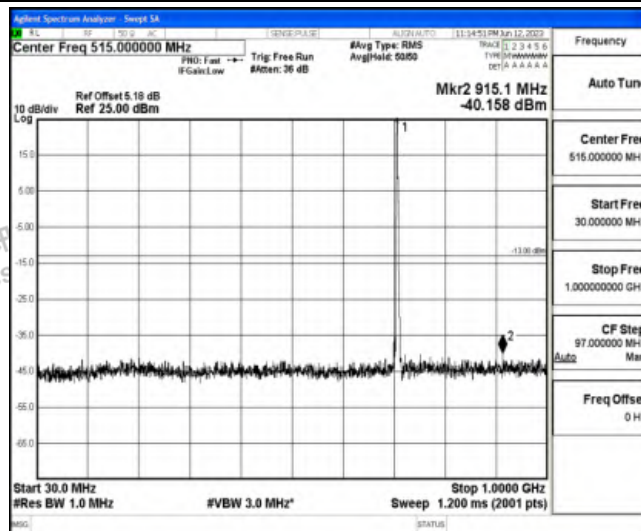




Band12-3MHz-16QAM-23165-1RB#0-Range2:0.15~30MHz

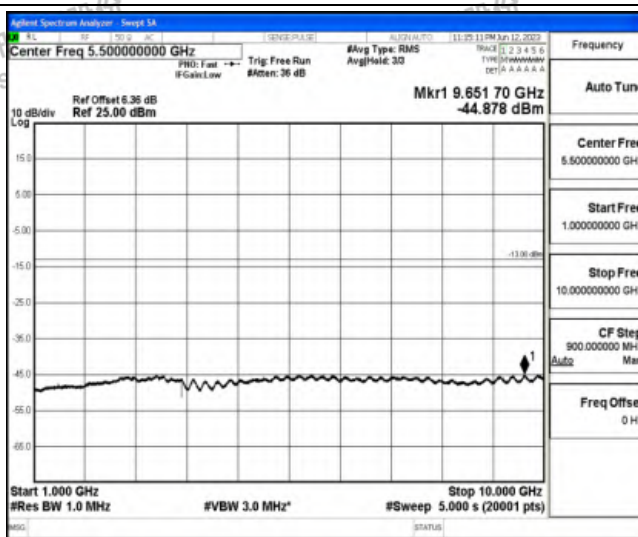


Band12-3MHz-16QAM-23165-1RB#0-Range3:30~1000MHz

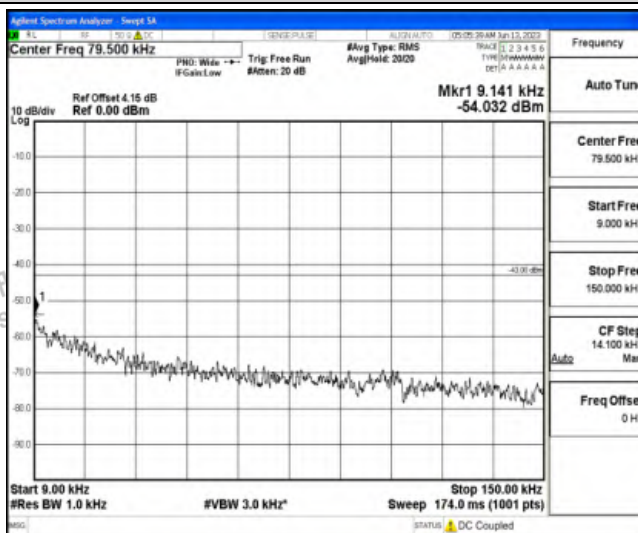


Band12-3MHz-16QAM-23165-1RB#0-Range4:1000~10000MHz

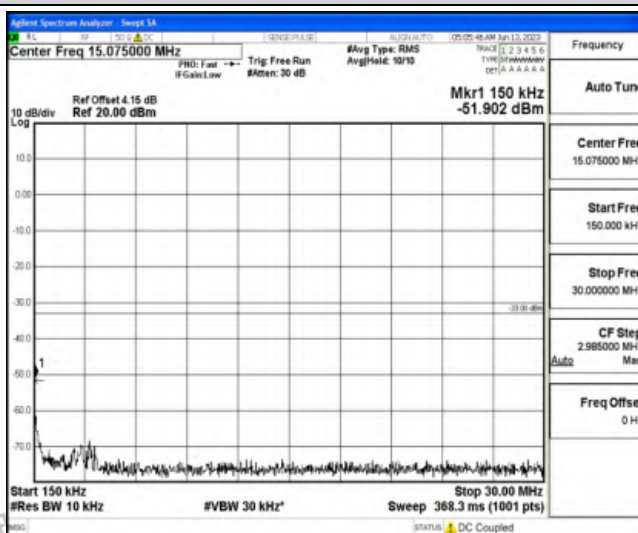




Band12-5MHz-QPSK-23035-1RB#0-Range1:0.009~0.15MHz

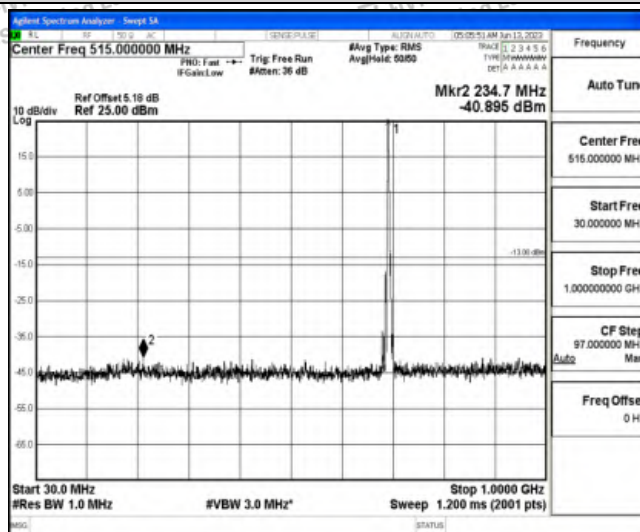


Band12-5MHz-QPSK-23035-1RB#0-Range2:0.15~30MHz

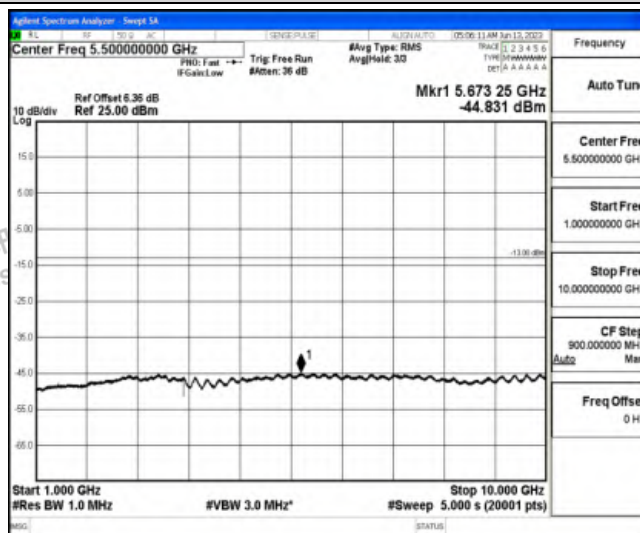




Band12-5MHz-QPSK-23035-1RB#0-Range3:30~1000MHz

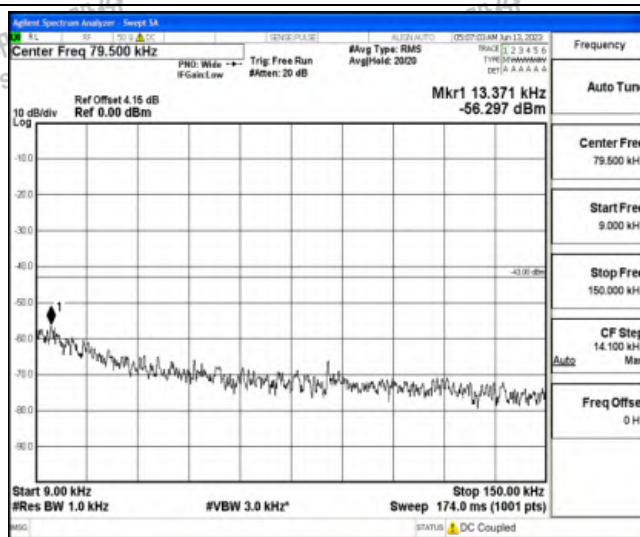


Band12-5MHz-QPSK-23035-1RB#0-Range4:1000~10000MHz

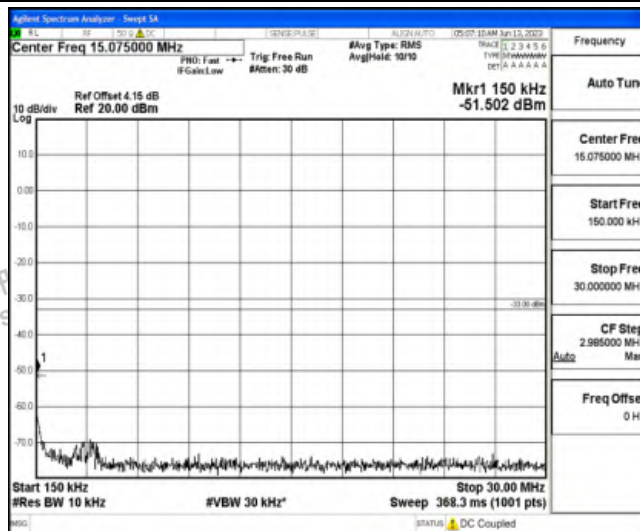


Band12-5MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

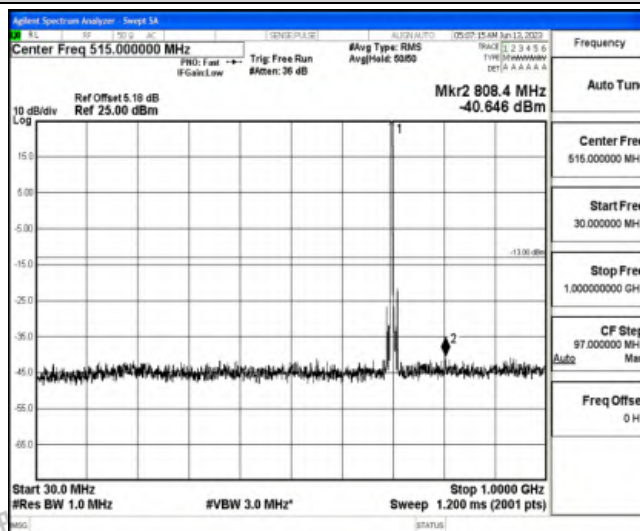




Band12-5MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz

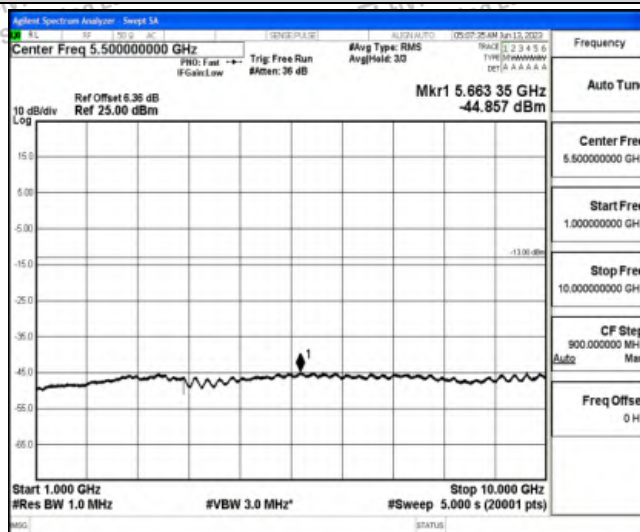


Band12-5MHz-QPSK-23095-1RB#0-Range3:30~1000MHz

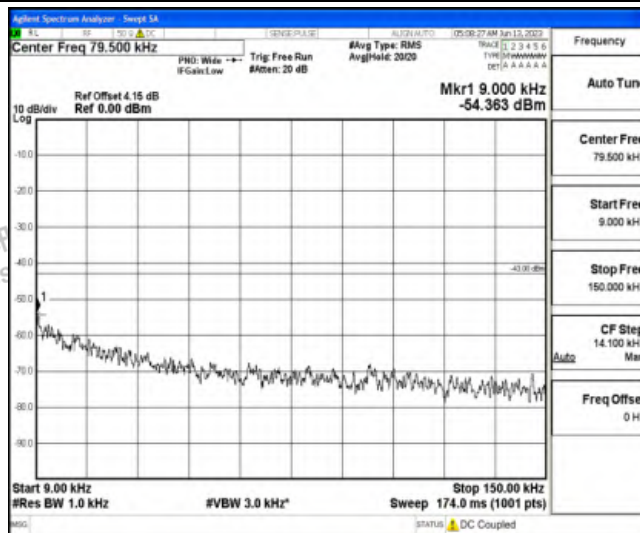




Band12-5MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz

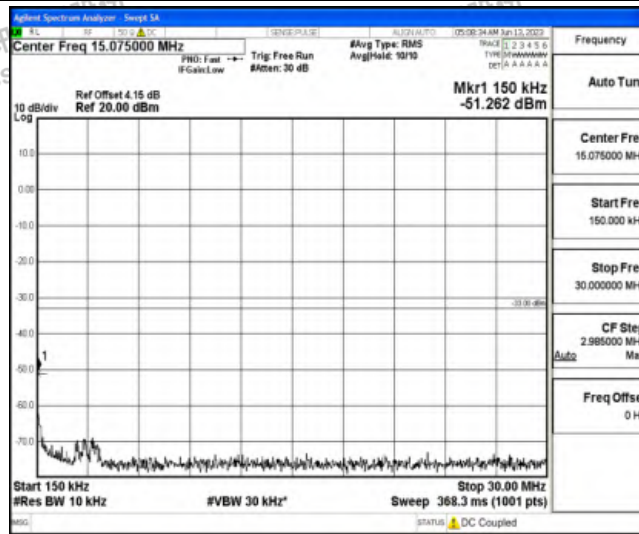


Band12-5MHz-QPSK-23155-1RB#0-Range1:0.009~0.15MHz

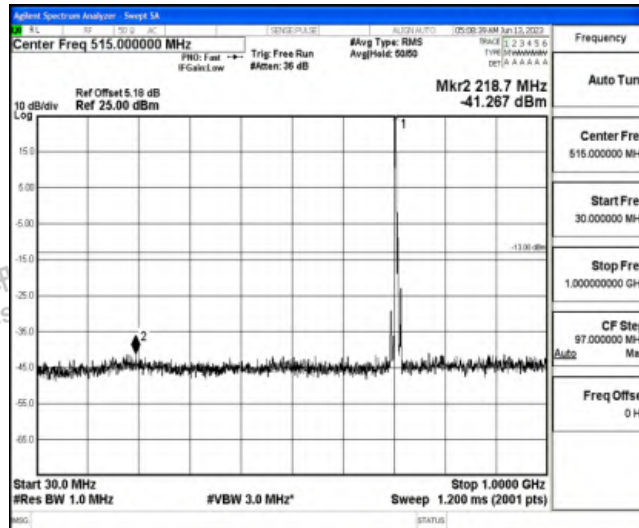


Band12-5MHz-QPSK-23155-1RB#0-Range2:0.15~30MHz

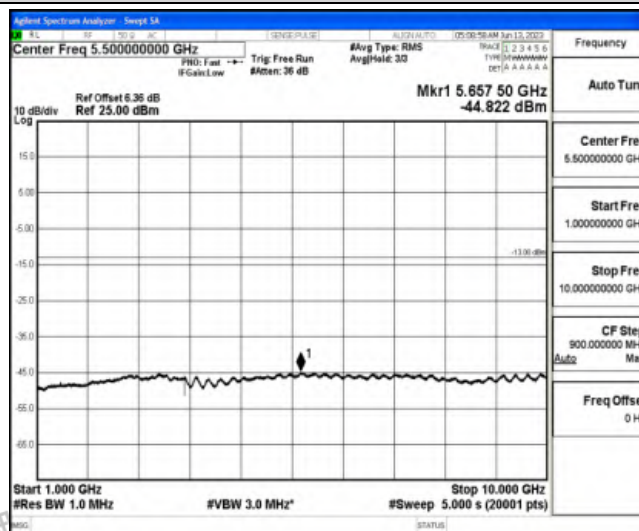




Band12-5MHz-QPSK-23155-1RB#0-Range3:30~1000MHz

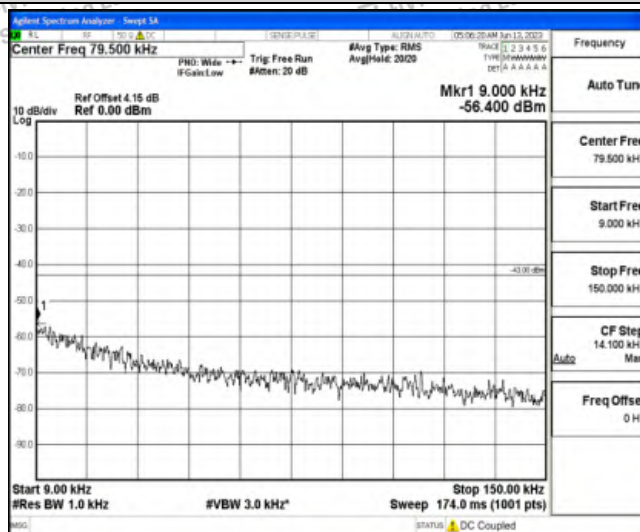


Band12-5MHz-QPSK-23155-1RB#0-Range4:1.000~10000MHz

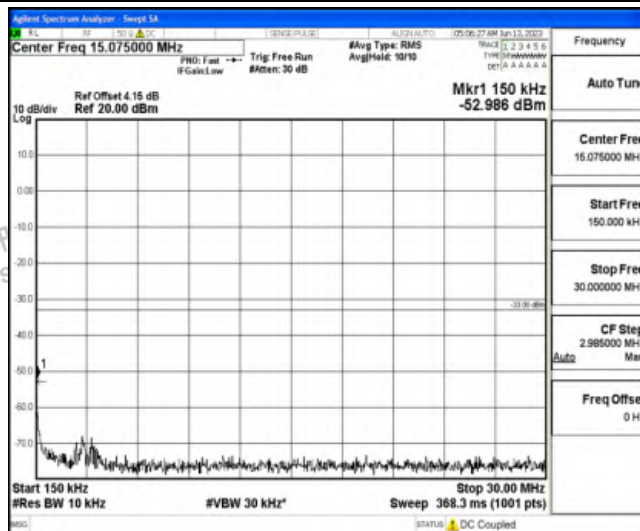




Band12-5MHz-16QAM-23035-1RB#0-Range1:0.009~0.15MHz

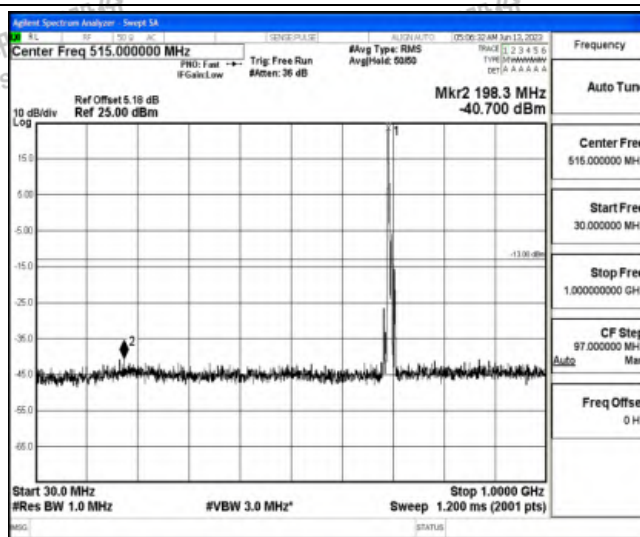


Band12-5MHz-16QAM-23035-1RB#0-Range2:0.15~30MHz

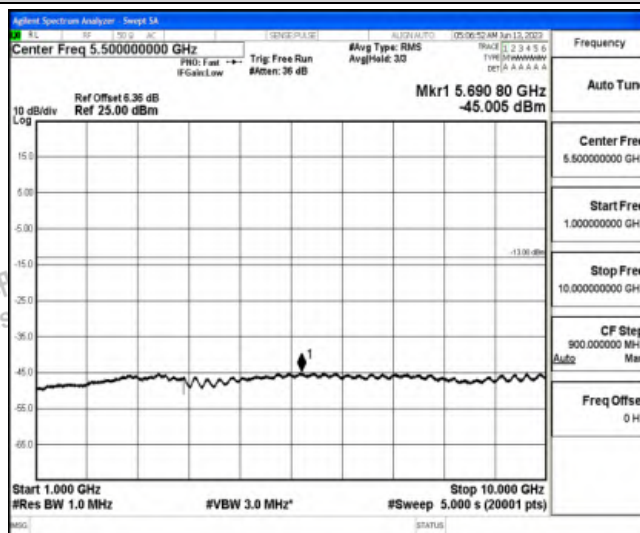


Band12-5MHz-16QAM-23035-1RB#0-Range3:30~1000MHz

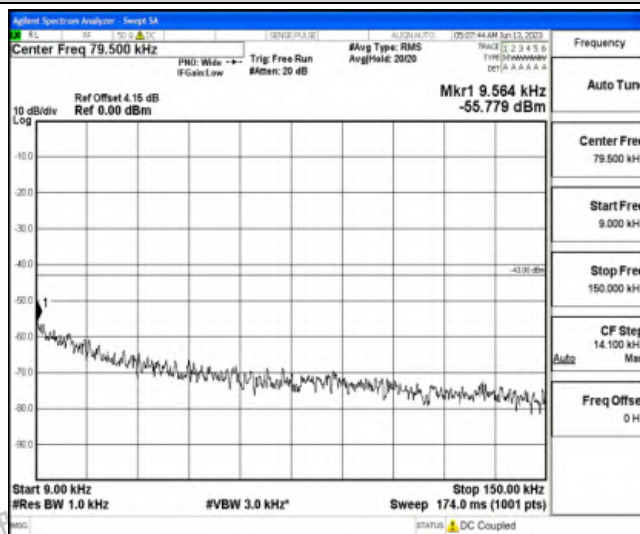




Band12-5MHz-16QAM-23035-1RB#0-Range4:1000~10000MHz

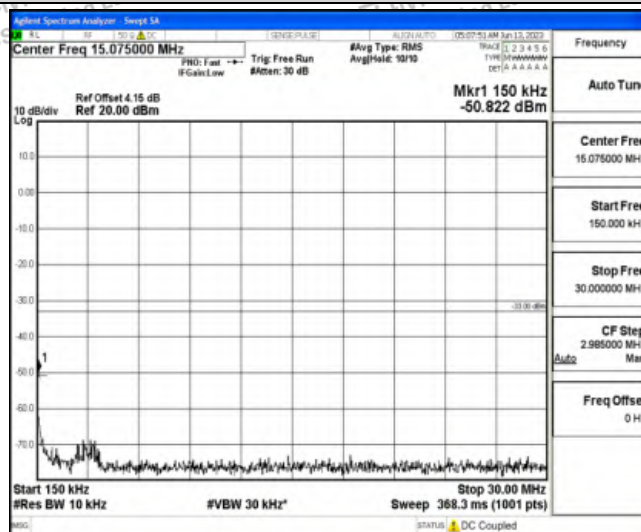


Band12-5MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

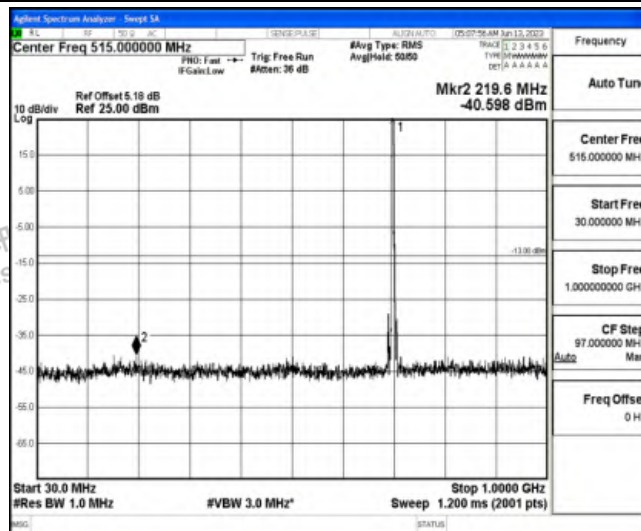




Band12-5MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz

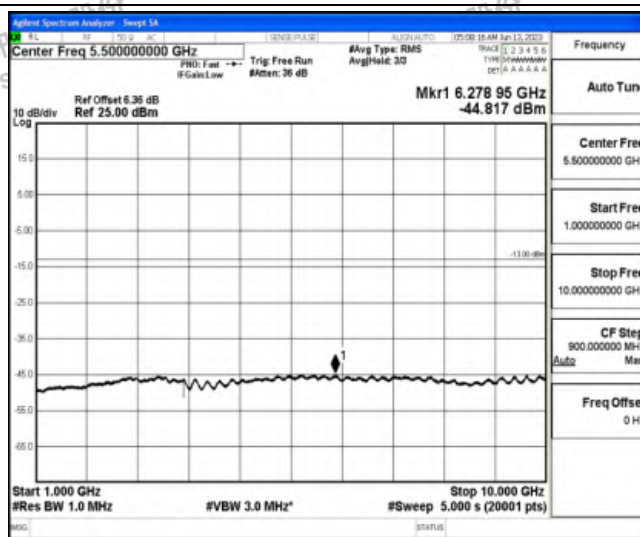


Band12-5MHz-16QAM-23095-1RB#0-Range3:30~1000MHz

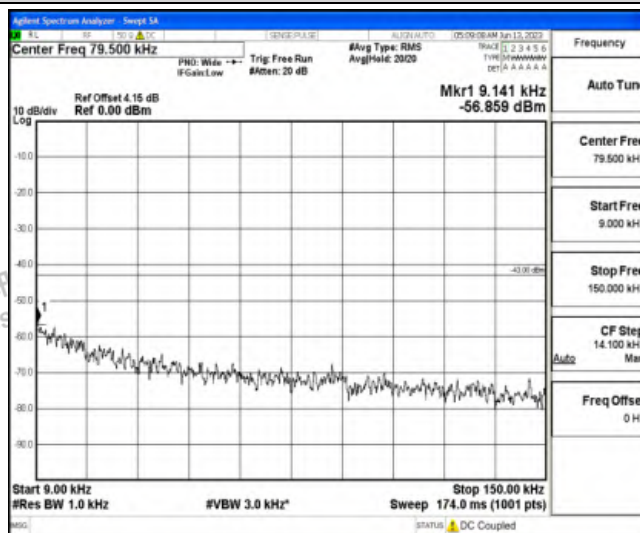


Band12-5MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz

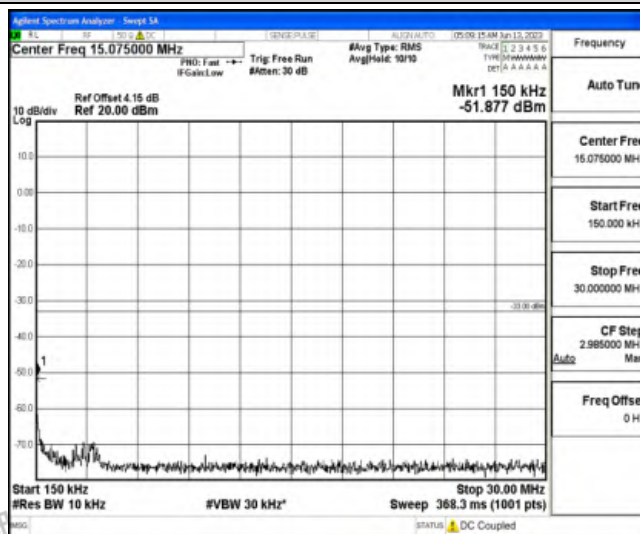




Band12-5MHz-16QAM-23155-1RB#0-Range1:0.009~0.15MHz

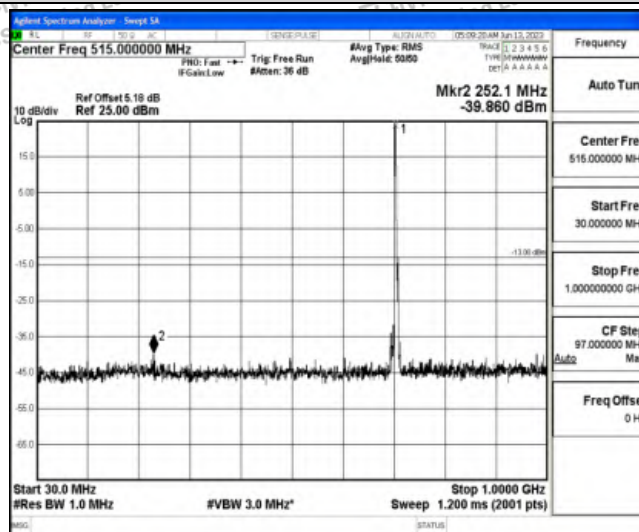


Band12-5MHz-16QAM-23155-1RB#0-Range2:0.15~30MHz

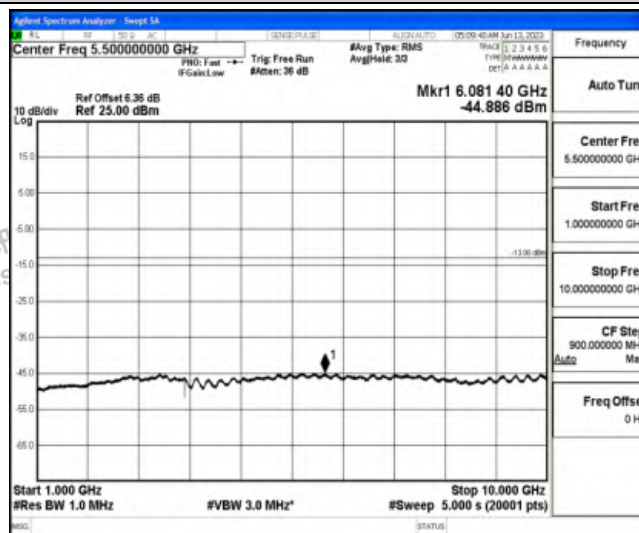




Band12-5MHz-16QAM-23155-1RB#0-Range3:30~1000MHz

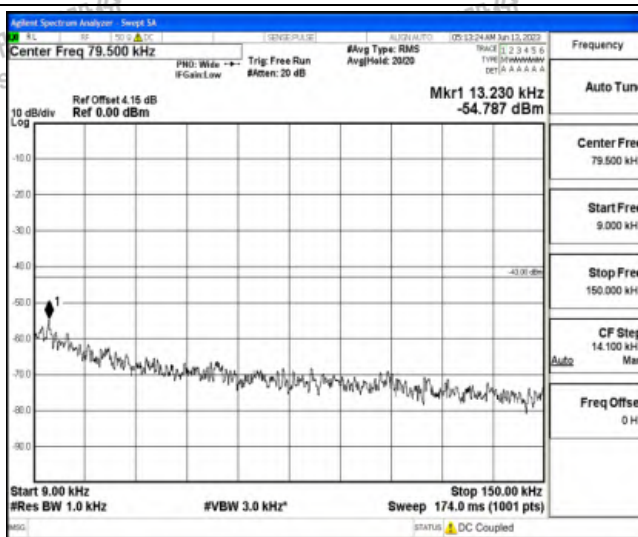


Band12-5MHz-16QAM-23155-1RB#0-Range4:1000~10000MHz

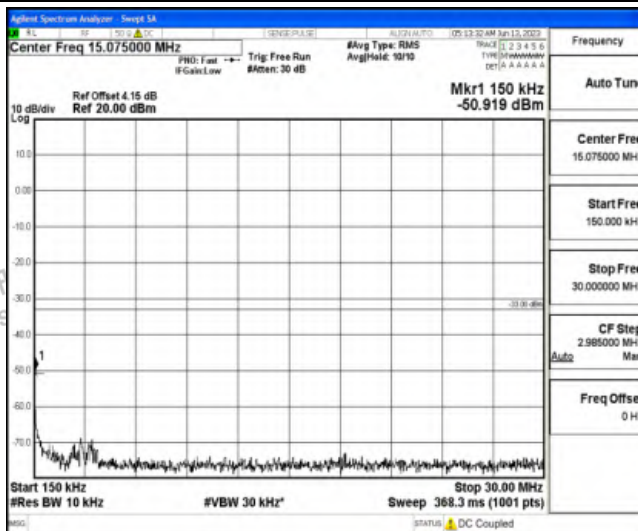


Band12-10MHz-QPSK-23060-1RB#0-Range1:0.009~0.15MHz

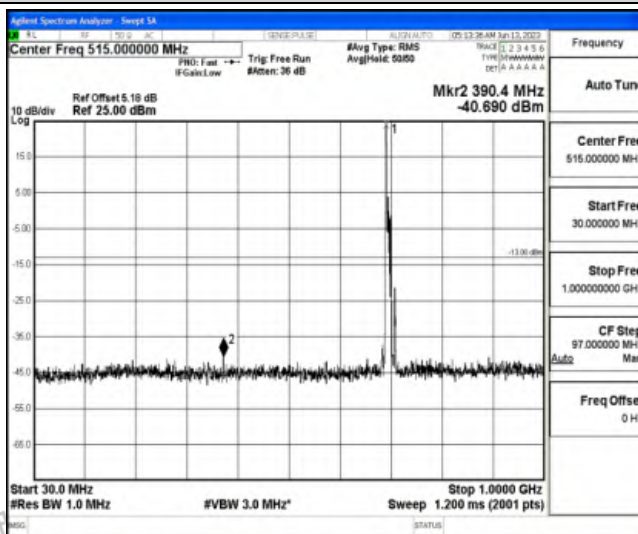




Band12-10MHz-QPSK-23060-1RB#0-Range2:0.15~30MHz

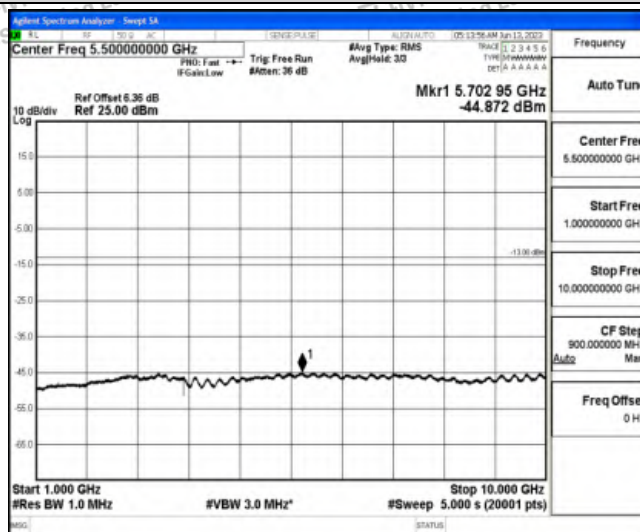


Band12-10MHz-QPSK-23060-1RB#0-Range3:30~1000MHz

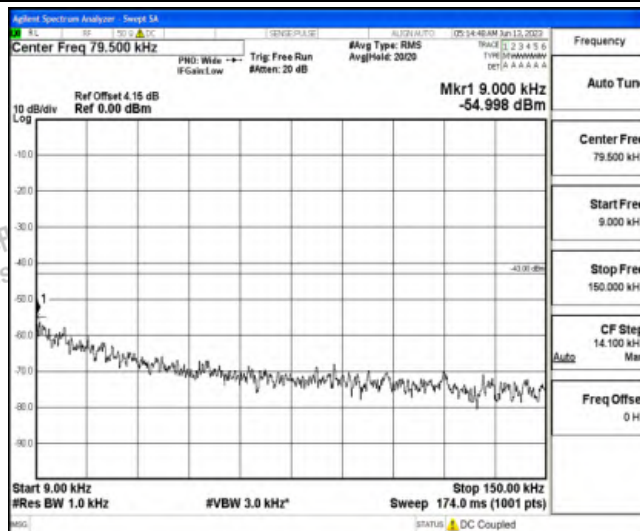




Band12-10MHz-QPSK-23060-1RB#0-Range4:1000~10000MHz

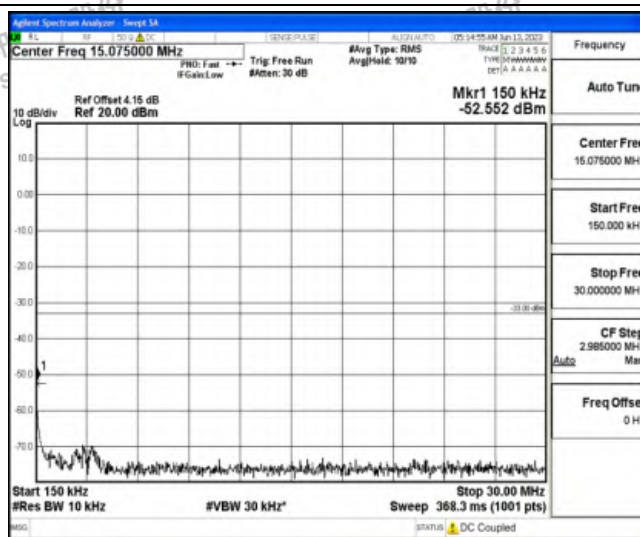


Band12-10MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

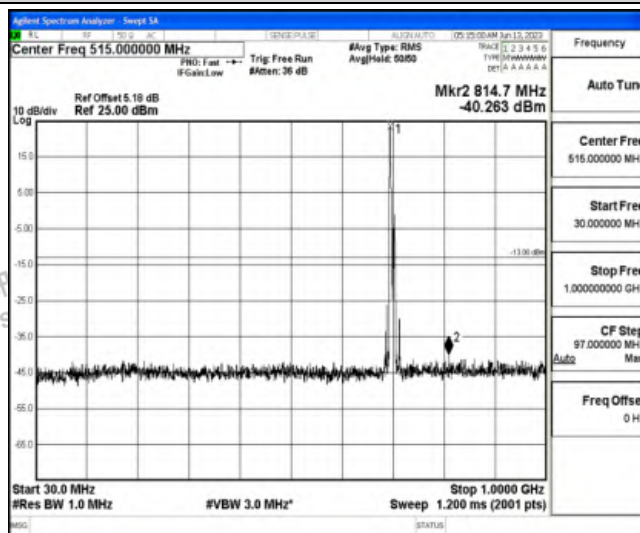


Band12-10MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz

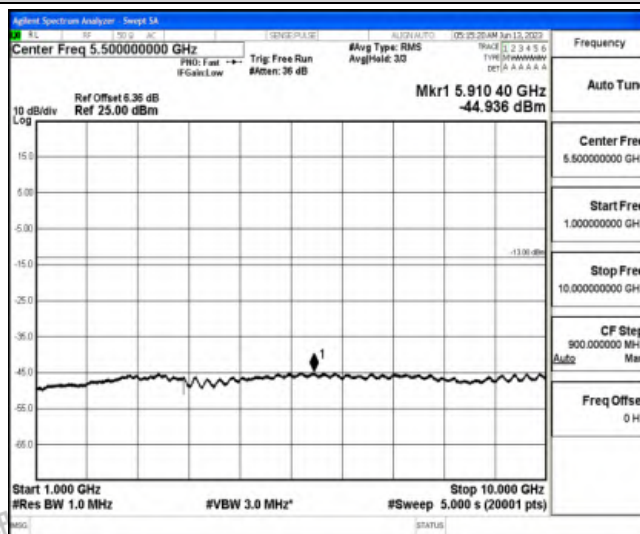




Band12-10MHz-QPSK-23095-1RB#0-Range3:30~1000MHz

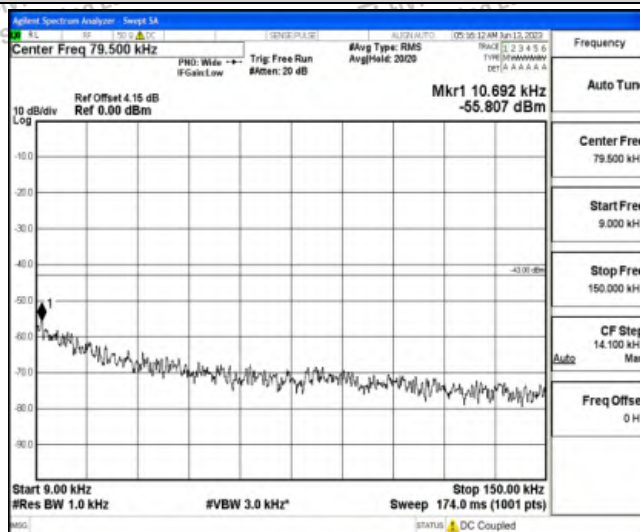


Band12-10MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz

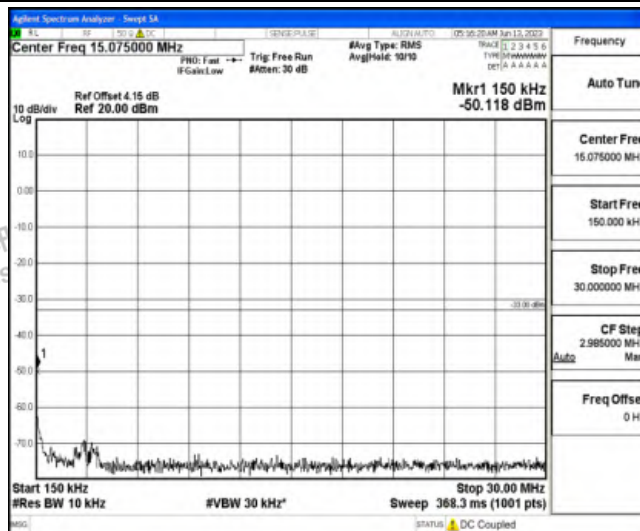




Band12-10MHz-QPSK-23130-1RB#0-Range1:0.009~0.15MHz

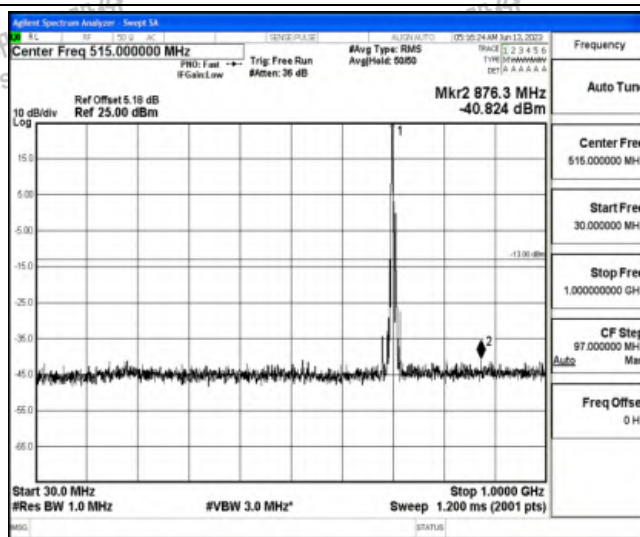


Band12-10MHz-QPSK-23130-1RB#0-Range2:0.15~30MHz

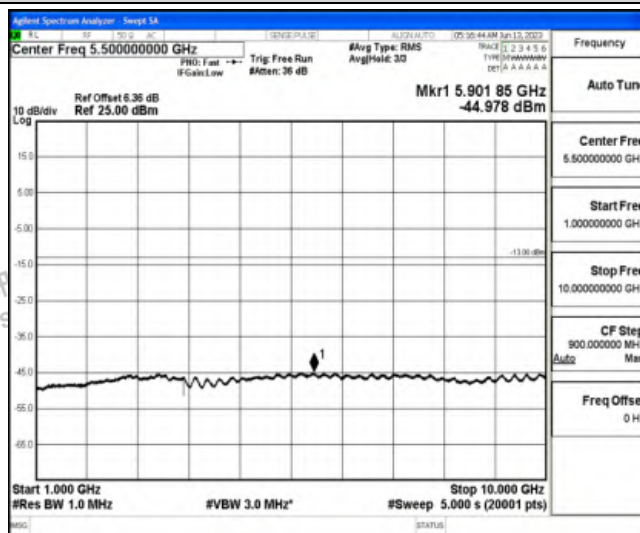


Band12-10MHz-QPSK-23130-1RB#0-Range3:30~1000MHz

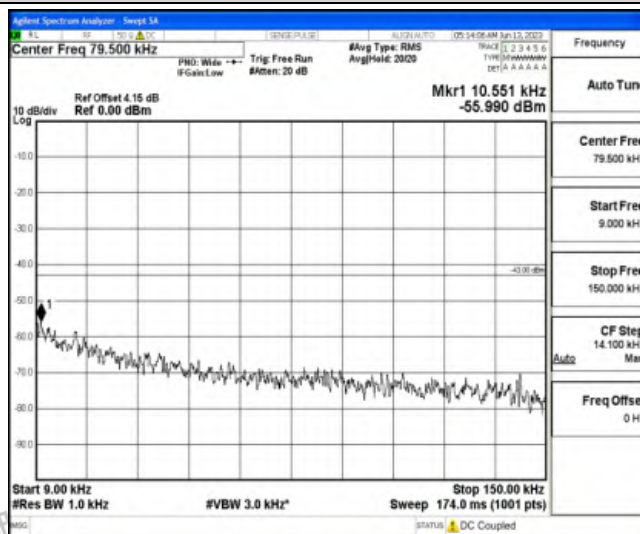




Band12-10MHz-QPSK-23130-1RB#0-Range4:1000~10000MHz

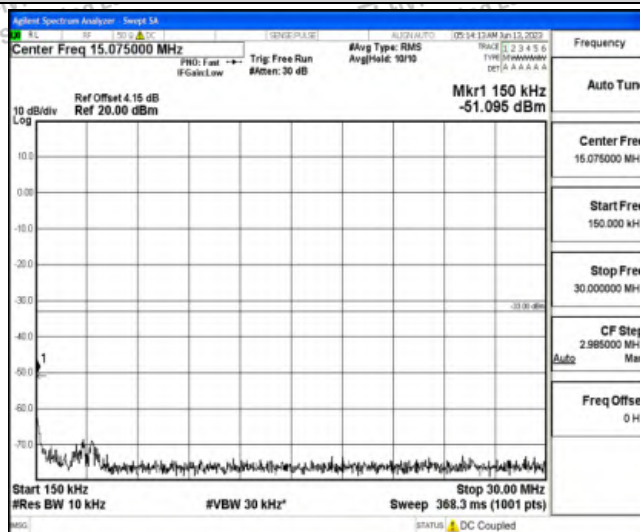


Band12-10MHz-16QAM-23060-1RB#0-Range1:0.009~0.15MHz

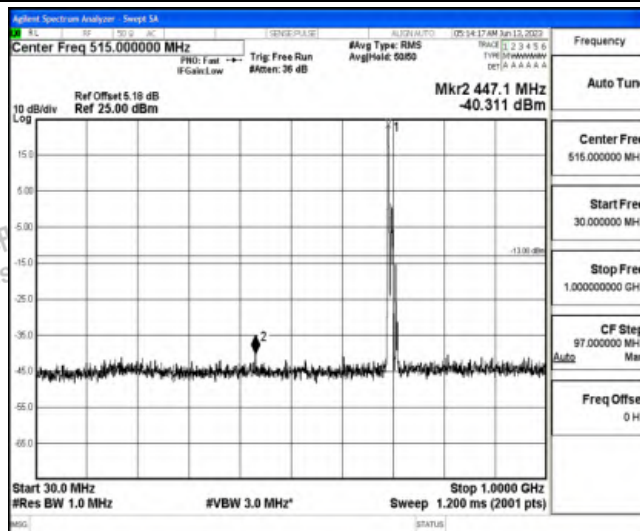




Band12-10MHz-16QAM-23060-1RB#0-Range2:0.15~30MHz

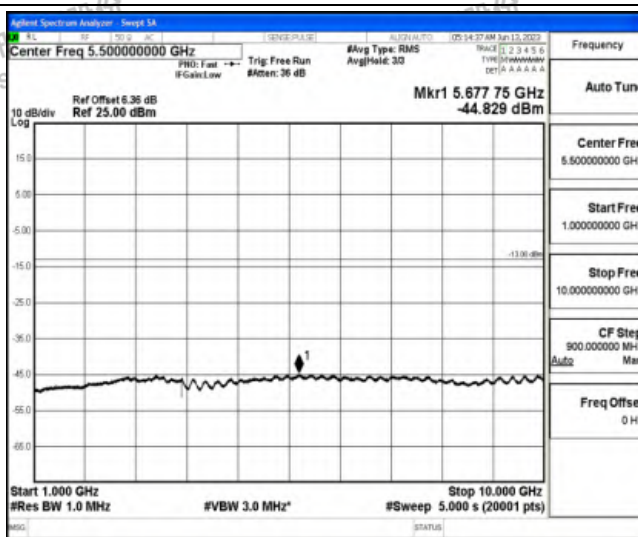


Band12-10MHz-16QAM-23060-1RB#0-Range3:30~1000MHz

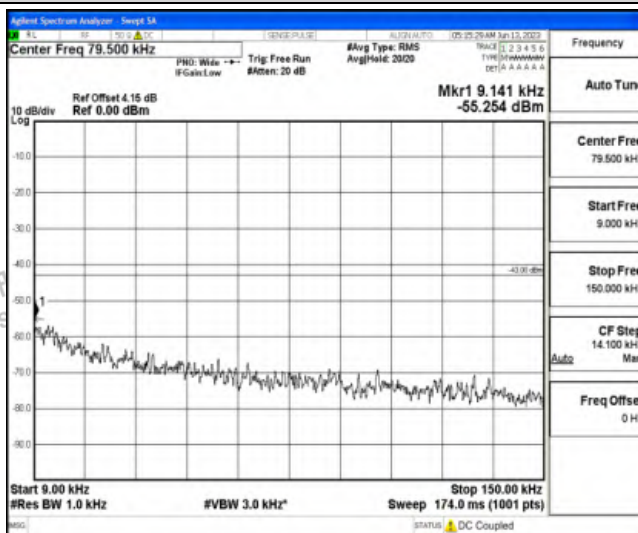


Band12-10MHz-16QAM-23060-1RB#0-Range4:1000~10000MHz

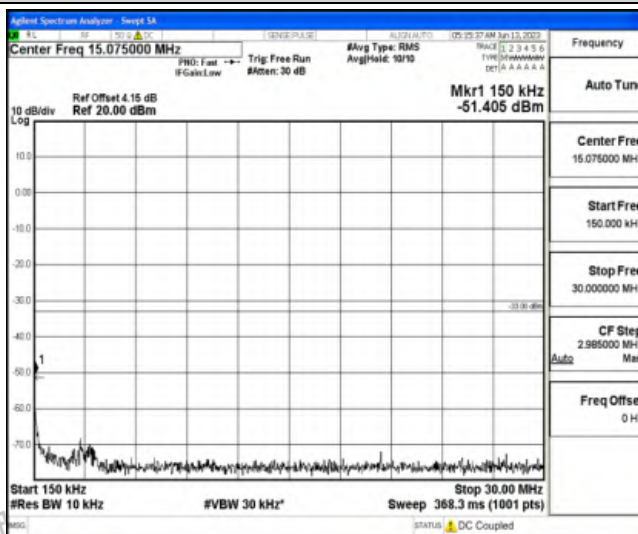




Band12-10MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

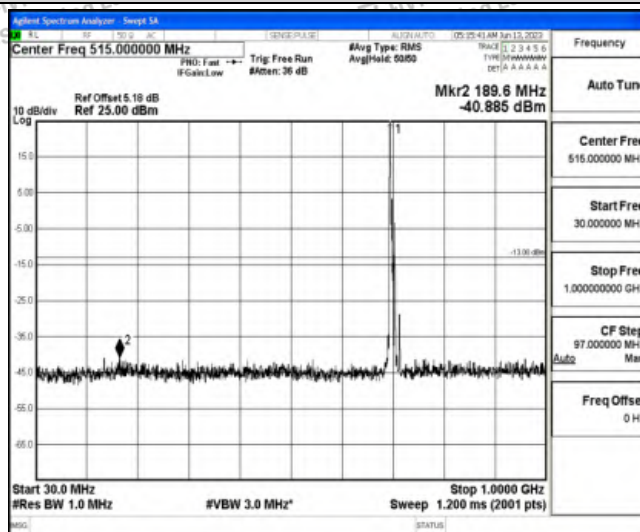


Band12-10MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz

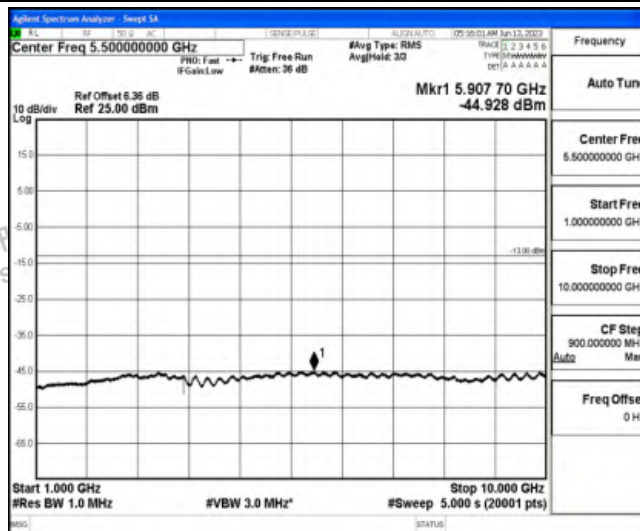




Band12-10MHz-16QAM-23095-1RB#0-Range3:30~1000MHz

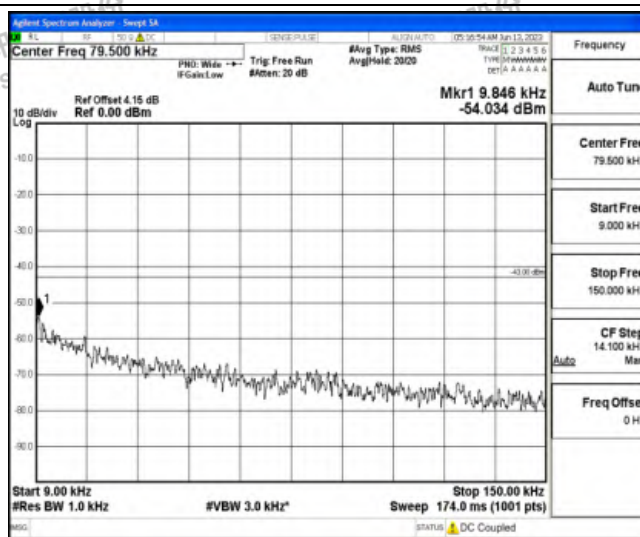


Band12-10MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz

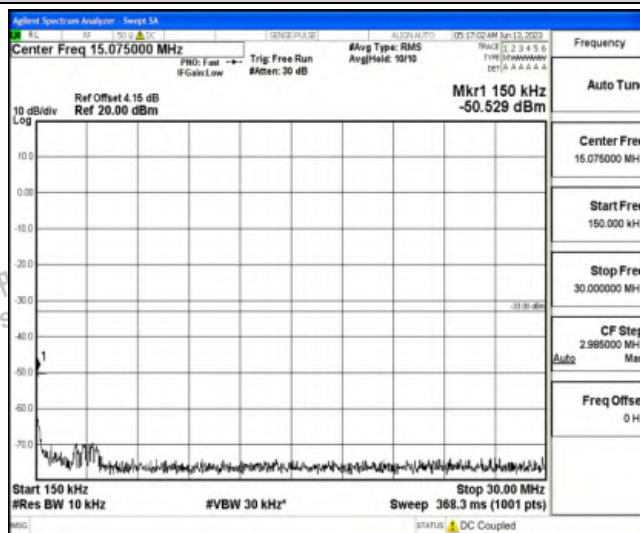


Band12-10MHz-16QAM-23130-1RB#0-Range1:0.009~0.15MHz

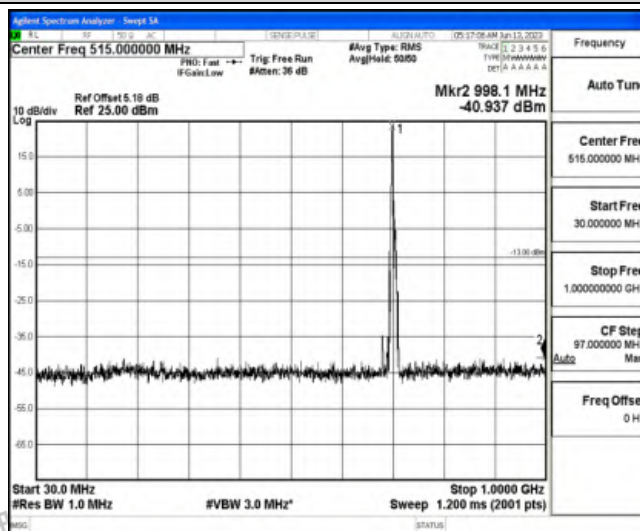




Band12-10MHz-16QAM-23130-1RB#0-Range2:0.15~30MHz



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





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

