



CTC Laboratories, Inc.

1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China
Tel: +86-755-27521059 Fax: +86-755-27521011 [Http://www.sz-ctc.org.cn](http://www.sz-ctc.org.cn)

Appendix for LTE Band 12

**Applicant: HONGKONG UCLOUDLINK NETWORK TECHNOLOGY
LIMITED**

**Address: Suite 603, 6/F, Laws Commercial Plaza, 788 Cheung
Sha Wan Road, Kowloon, Hong Kong**

Product Name: 4G LTE Wireless Router

Model: GLMR21A02

FCC ID: 2AC88-GLMR21A02

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1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	24.56	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.65	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.82	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.64	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.66	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	24.48	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.59	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.52	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.40	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.44	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	24.58	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.81	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.74	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.72	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	25.04	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	25.22	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	25.32	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.95	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	25.15	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	25.09	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	24.06	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.53	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.65	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.44	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.33	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.17	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.29	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.73	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.23	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.36	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.19	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	23.76	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	23.52	PASS

Band12	1.4MHz	16QAM	23095	3RB#3	23.41	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.52	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	24.72	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	24.73	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	24.71	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	25.16	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	25.14	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	25.08	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	23.19	PASS
Band12	3MHz	QPSK	23025	1RB#0	25.18	PASS
Band12	3MHz	QPSK	23025	1RB#8	25.06	PASS
Band12	3MHz	QPSK	23025	1RB#14	25.05	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.91	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.71	PASS
Band12	3MHz	QPSK	23025	8RB#7	24.02	PASS
Band12	3MHz	QPSK	23025	15RB#0	24.21	PASS
Band12	3MHz	QPSK	23095	1RB#0	25.34	PASS
Band12	3MHz	QPSK	23095	1RB#8	25.24	PASS
Band12	3MHz	QPSK	23095	1RB#14	25.21	PASS
Band12	3MHz	QPSK	23095	8RB#0	24.79	PASS
Band12	3MHz	QPSK	23095	8RB#4	24.29	PASS
Band12	3MHz	QPSK	23095	8RB#7	24.61	PASS
Band12	3MHz	QPSK	23095	15RB#0	24.02	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.92	PASS
Band12	3MHz	QPSK	23165	1RB#8	25.02	PASS
Band12	3MHz	QPSK	23165	1RB#14	25.05	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.94	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.90	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.84	PASS
Band12	3MHz	QPSK	23165	15RB#0	24.16	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.96	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.92	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.99	PASS
Band12	3MHz	16QAM	23025	8RB#0	23.92	PASS
Band12	3MHz	16QAM	23025	8RB#4	24.11	PASS
Band12	3MHz	16QAM	23025	8RB#7	24.01	PASS
Band12	3MHz	16QAM	23025	15RB#0	23.05	PASS
Band12	3MHz	16QAM	23095	1RB#0	24.73	PASS

Band12	3MHz	16QAM	23095	1RB#8	23.89	PASS
Band12	3MHz	16QAM	23095	1RB#14	24.32	PASS
Band12	3MHz	16QAM	23095	8RB#0	24.44	PASS
Band12	3MHz	16QAM	23095	8RB#4	24.67	PASS
Band12	3MHz	16QAM	23095	8RB#7	24.60	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.89	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.86	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.55	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.99	PASS
Band12	3MHz	16QAM	23165	8RB#0	23.89	PASS
Band12	3MHz	16QAM	23165	8RB#4	23.88	PASS
Band12	3MHz	16QAM	23165	8RB#7	23.92	PASS
Band12	3MHz	16QAM	23165	15RB#0	23.16	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.96	PASS
Band12	5MHz	QPSK	23035	1RB#12	25.04	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.91	PASS
Band12	5MHz	QPSK	23035	12RB#0	24.08	PASS
Band12	5MHz	QPSK	23035	12RB#6	24.10	PASS
Band12	5MHz	QPSK	23035	12RB#13	23.86	PASS
Band12	5MHz	QPSK	23035	25RB#0	24.00	PASS
Band12	5MHz	QPSK	23095	1RB#0	25.05	PASS
Band12	5MHz	QPSK	23095	1RB#12	25.12	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.92	PASS
Band12	5MHz	QPSK	23095	12RB#0	24.01	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.98	PASS
Band12	5MHz	QPSK	23095	12RB#13	24.02	PASS
Band12	5MHz	QPSK	23095	25RB#0	24.04	PASS
Band12	5MHz	QPSK	23155	1RB#0	25.11	PASS
Band12	5MHz	QPSK	23155	1RB#12	25.08	PASS
Band12	5MHz	QPSK	23155	1RB#24	25.22	PASS
Band12	5MHz	QPSK	23155	12RB#0	23.96	PASS
Band12	5MHz	QPSK	23155	12RB#6	24.00	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.98	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.94	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.97	PASS
Band12	5MHz	16QAM	23035	1RB#12	24.24	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.78	PASS
Band12	5MHz	16QAM	23035	12RB#0	24.10	PASS

Band12	5MHz	16QAM	23035	12RB#6	24.10	PASS
Band12	5MHz	16QAM	23035	12RB#13	23.98	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.91	PASS
Band12	5MHz	16QAM	23095	1RB#0	24.02	PASS
Band12	5MHz	16QAM	23095	1RB#12	24.08	PASS
Band12	5MHz	16QAM	23095	1RB#24	24.01	PASS
Band12	5MHz	16QAM	23095	12RB#0	23.99	PASS
Band12	5MHz	16QAM	23095	12RB#6	24.09	PASS
Band12	5MHz	16QAM	23095	12RB#13	24.04	PASS
Band12	5MHz	16QAM	23095	25RB#0	23.14	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.73	PASS
Band12	5MHz	16QAM	23155	1RB#12	24.03	PASS
Band12	5MHz	16QAM	23155	1RB#24	24.00	PASS
Band12	5MHz	16QAM	23155	12RB#0	23.99	PASS
Band12	5MHz	16QAM	23155	12RB#6	24.01	PASS
Band12	5MHz	16QAM	23155	12RB#13	23.94	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.93	PASS
Band12	10MHz	QPSK	23060	1RB#0	24.90	PASS
Band12	10MHz	QPSK	23060	1RB#24	25.22	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.86	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.99	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.99	PASS
Band12	10MHz	QPSK	23060	25RB#25	24.04	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.96	PASS
Band12	10MHz	QPSK	23095	1RB#0	25.16	PASS
Band12	10MHz	QPSK	23095	1RB#24	25.46	PASS
Band12	10MHz	QPSK	23095	1RB#49	25.01	PASS
Band12	10MHz	QPSK	23095	25RB#0	24.10	PASS
Band12	10MHz	QPSK	23095	25RB#12	24.07	PASS
Band12	10MHz	QPSK	23095	25RB#25	24.01	PASS
Band12	10MHz	QPSK	23095	50RB#0	24.07	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.90	PASS
Band12	10MHz	QPSK	23130	1RB#24	25.08	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.96	PASS
Band12	10MHz	QPSK	23130	25RB#0	24.10	PASS
Band12	10MHz	QPSK	23130	25RB#12	24.09	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.95	PASS
Band12	10MHz	QPSK	23130	50RB#0	24.00	PASS

Band12	10MHz	16QAM	23060	1RB#0	23.49	PASS
Band12	10MHz	16QAM	23060	1RB#24	24.18	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.72	PASS
Band12	10MHz	16QAM	23060	25RB#0	23.99	PASS
Band12	10MHz	16QAM	23060	25RB#12	23.98	PASS
Band12	10MHz	16QAM	23060	25RB#25	24.01	PASS
Band12	10MHz	16QAM	23060	50RB#0	23.03	PASS
Band12	10MHz	16QAM	23095	1RB#0	24.68	PASS
Band12	10MHz	16QAM	23095	1RB#24	24.64	PASS
Band12	10MHz	16QAM	23095	1RB#49	24.74	PASS
Band12	10MHz	16QAM	23095	25RB#0	24.08	PASS
Band12	10MHz	16QAM	23095	25RB#12	24.07	PASS
Band12	10MHz	16QAM	23095	25RB#25	24.04	PASS
Band12	10MHz	16QAM	23095	50RB#0	23.12	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.93	PASS
Band12	10MHz	16QAM	23130	1RB#24	24.19	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.97	PASS
Band12	10MHz	16QAM	23130	25RB#0	24.08	PASS
Band12	10MHz	16QAM	23130	25RB#12	24.10	PASS
Band12	10MHz	16QAM	23130	25RB#25	23.95	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.94	PASS

1.2. Appendix B: Peak-to-Average Ratio(CCDF)

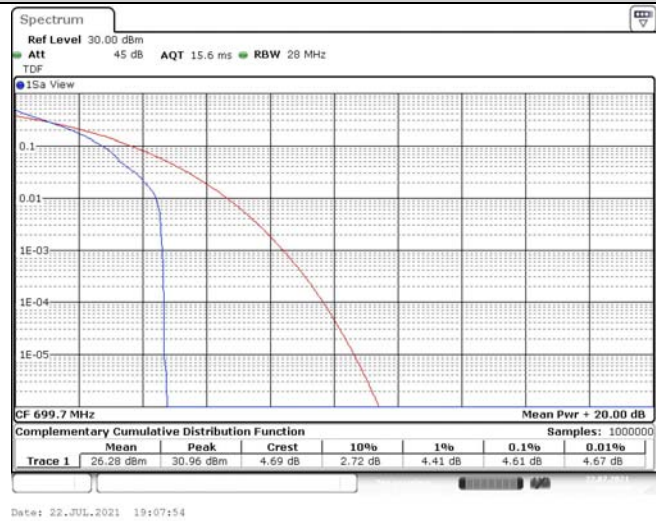
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.61	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.30	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.93	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.57	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.93	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.57	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.77	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.26	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.88	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.49	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	6.12	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.55	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.61	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.36	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.90	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.65	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.72	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.57	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.54	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.26	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.97	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.49	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.55	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.58	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.42	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.96	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.57	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.64	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.51	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.62	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.32	13	PASS
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Band12	5MHz	16QAM	23095	25RB#0	6.41	13	PASS

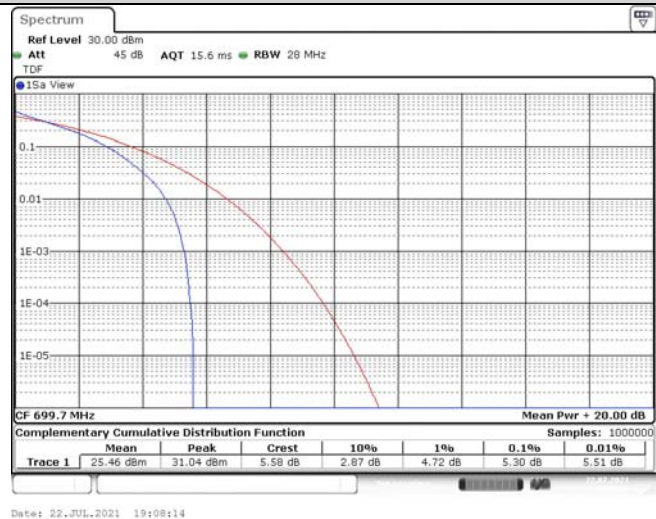
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Band12	10MHz	QPSK	23060	50RB#0	5.42	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.84	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.48	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.90	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.33	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.54	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.32	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.97	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.38	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.68	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.32	13	PASS

Test Graphs

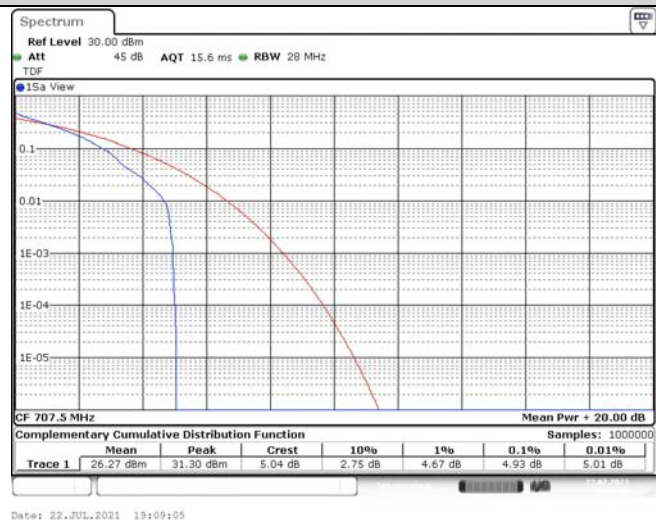
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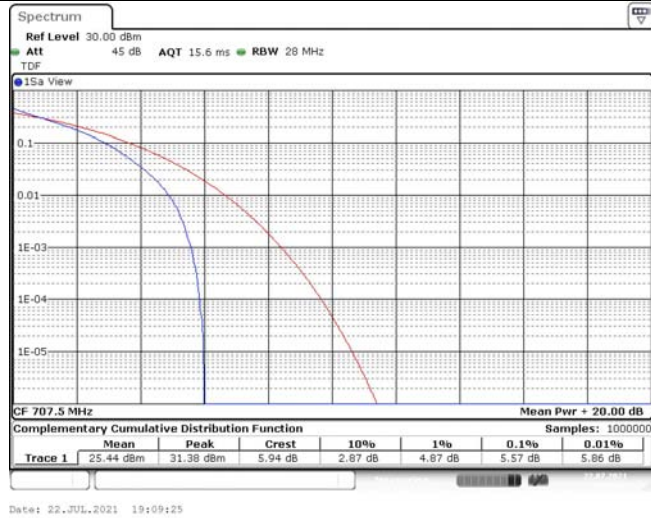
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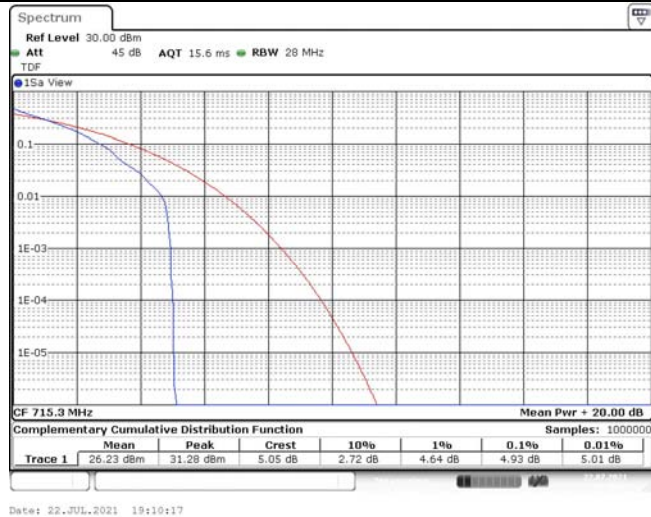
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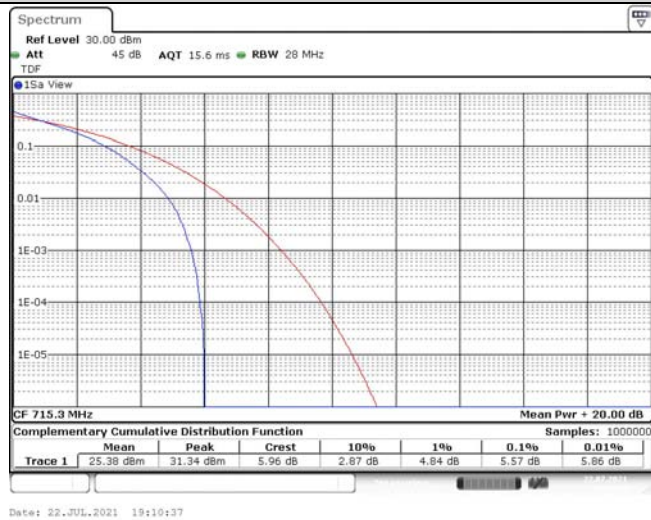
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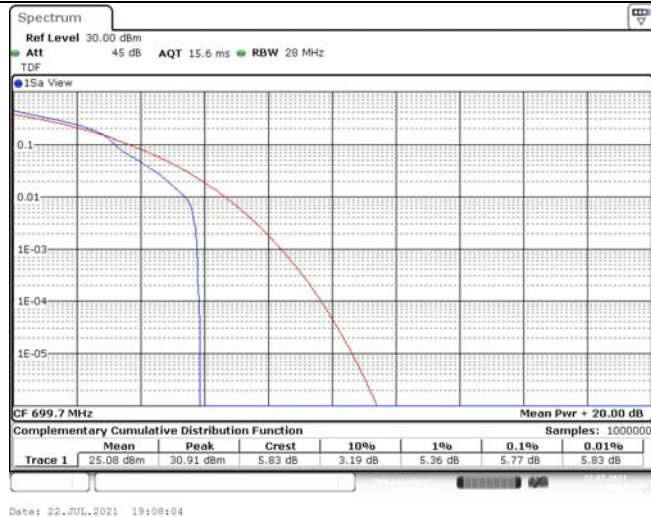
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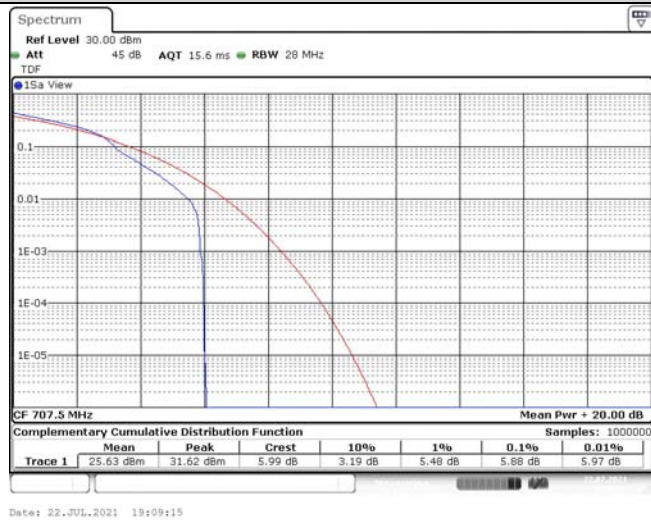
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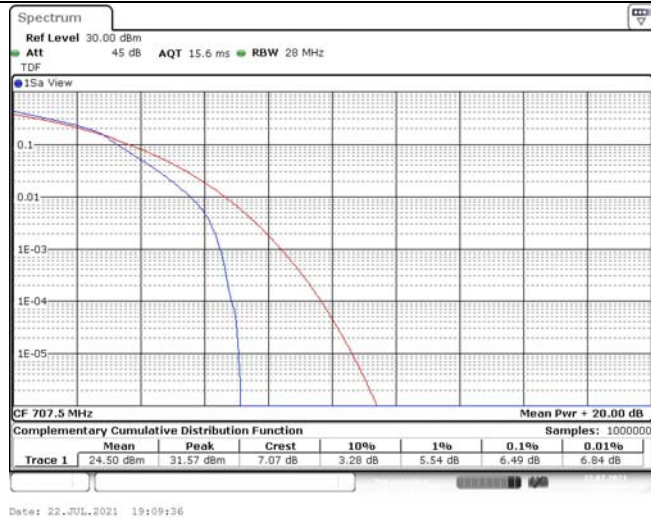
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Band12-1.4MHz-16QAM-23095-1RB#0



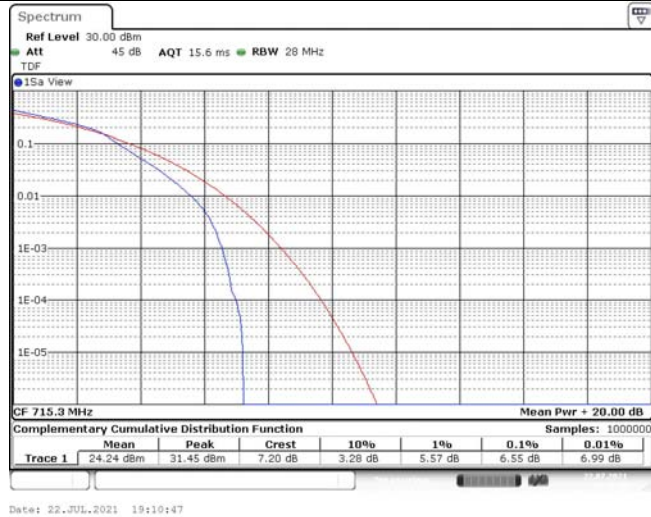
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Band12-1.4MHz-16QAM-23173-6RB#0



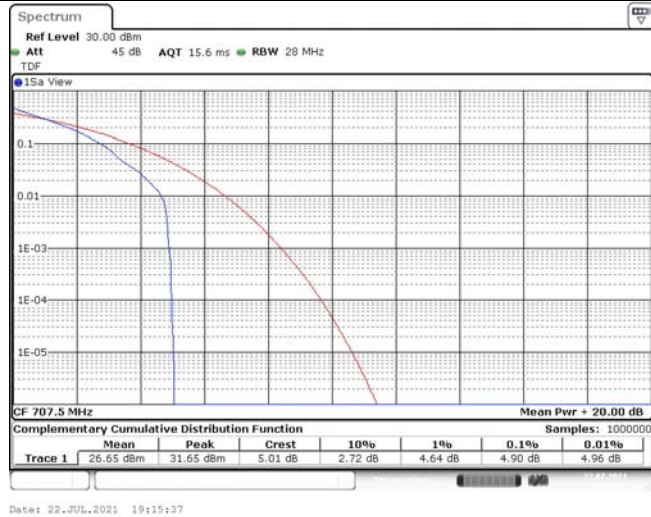
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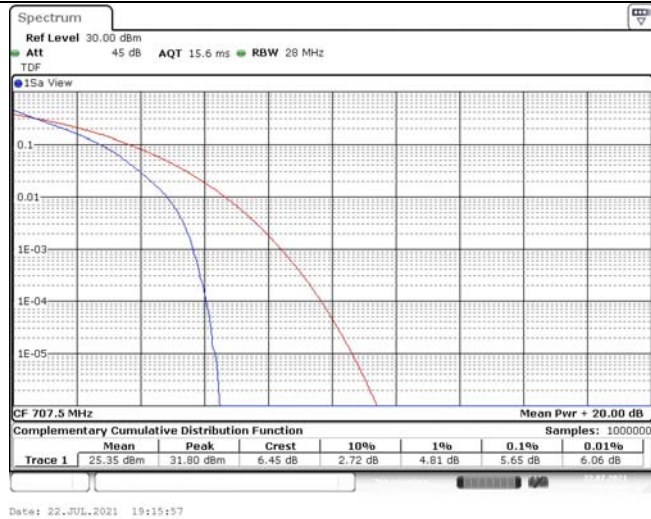
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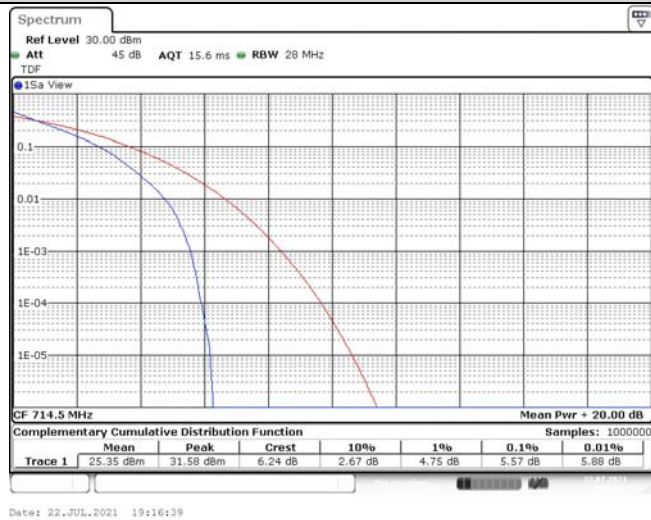
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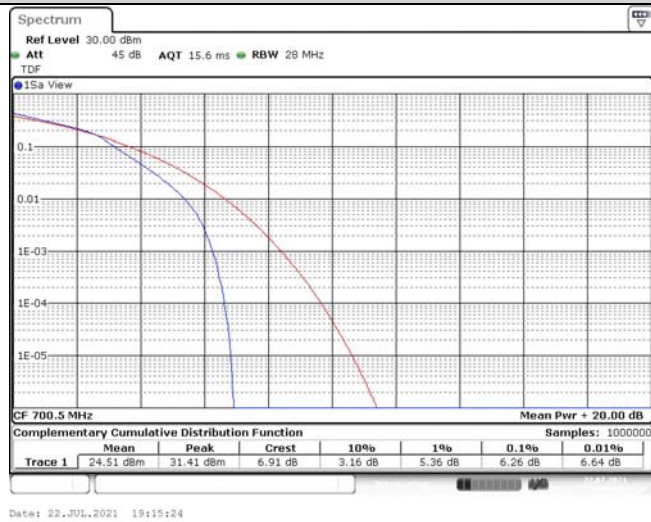
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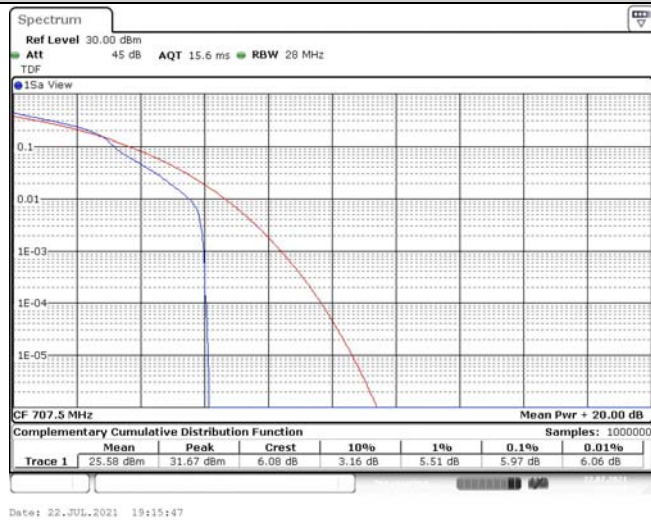
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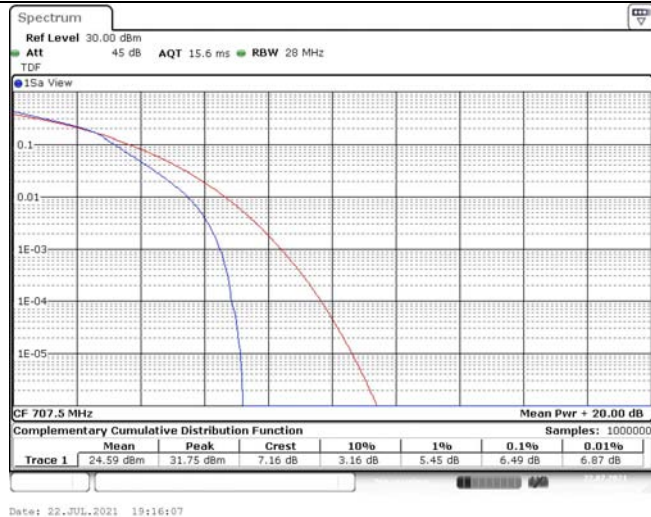
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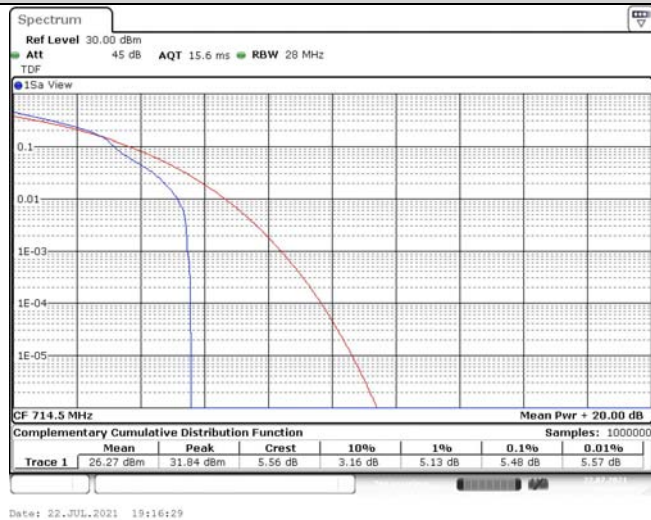
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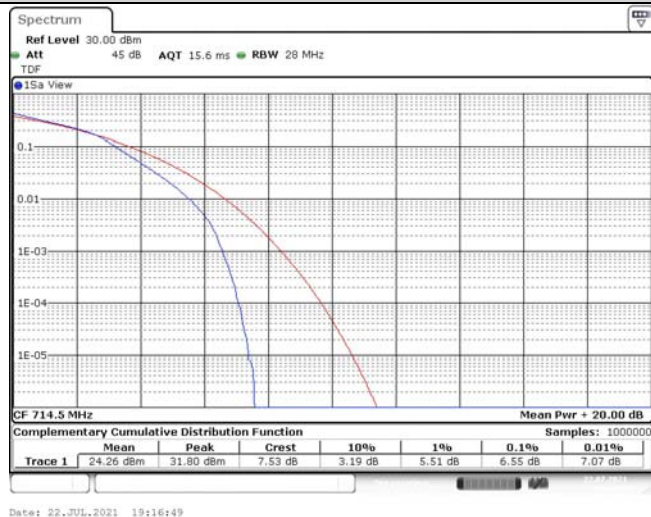
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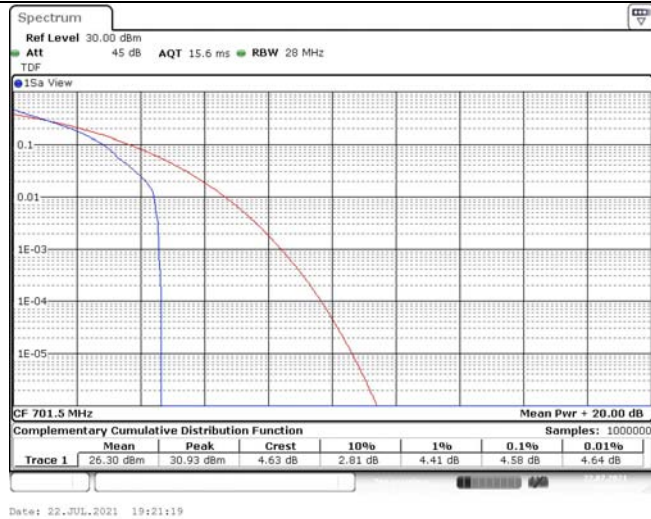
Band12-3MHz-16QAM-23165-1RB#0



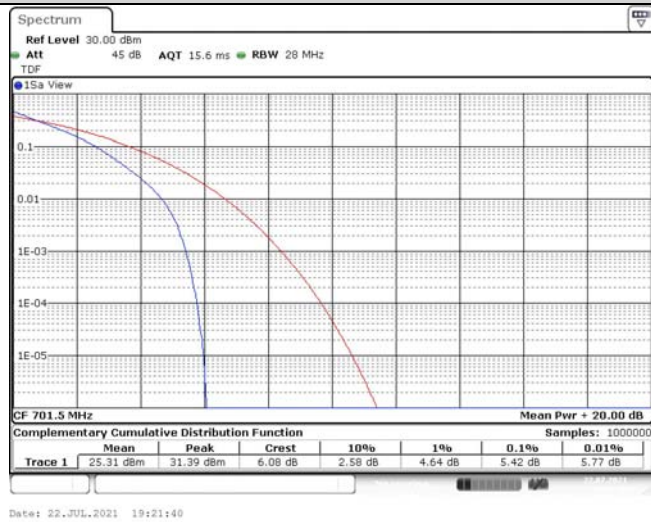
Band12-3MHz-16QAM-23165-15RB#0



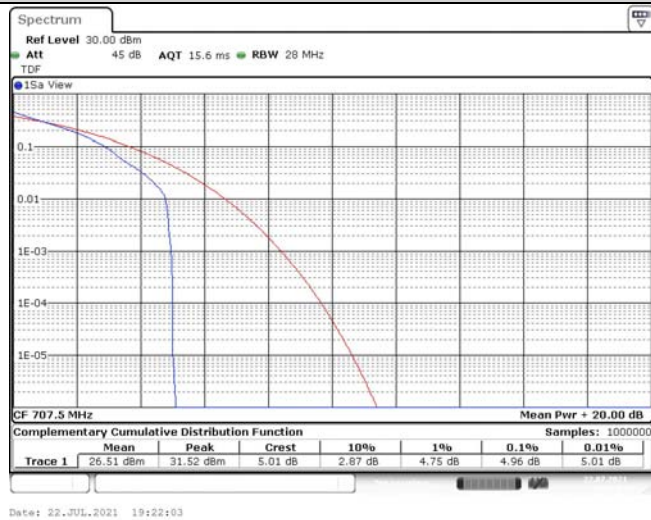
Band12-5MHz-QPSK-23035-1RB#0



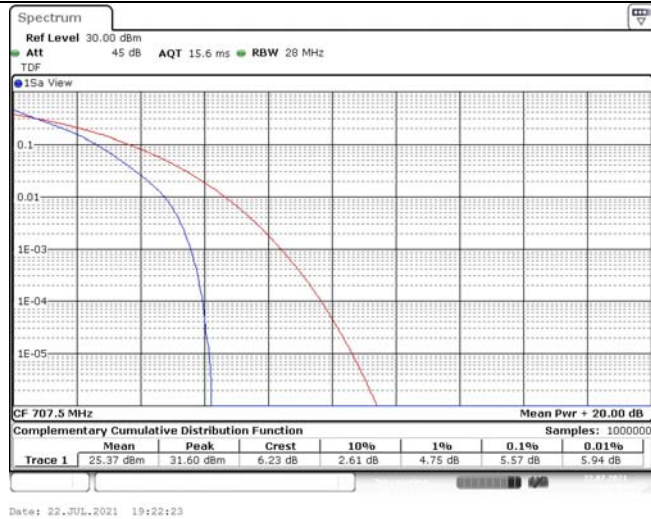
Band12-5MHz-QPSK-23035-25RB#0



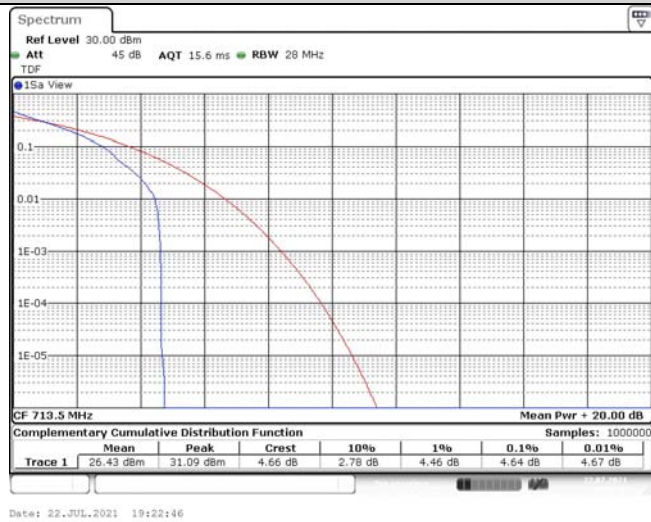
Band12-5MHz-QPSK-23095-1RB#0



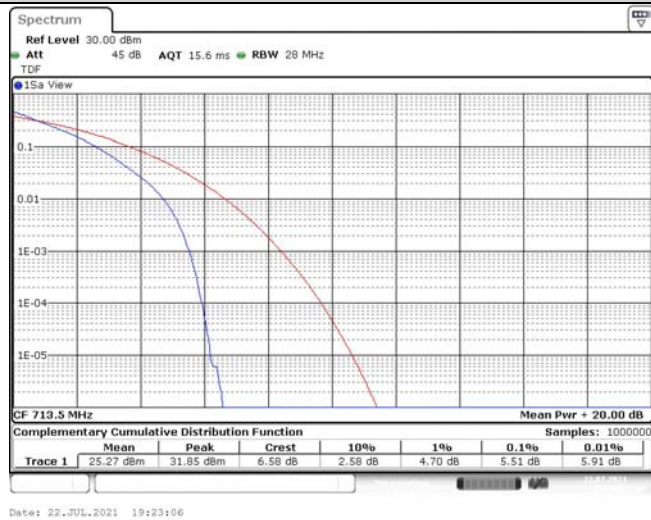
Band12-5MHz-QPSK-23095-25RB#0



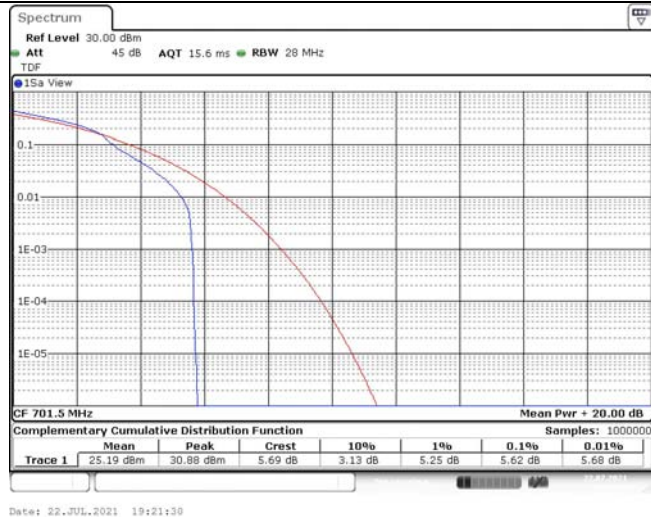
Band12-5MHz-QPSK-23155-1RB#0



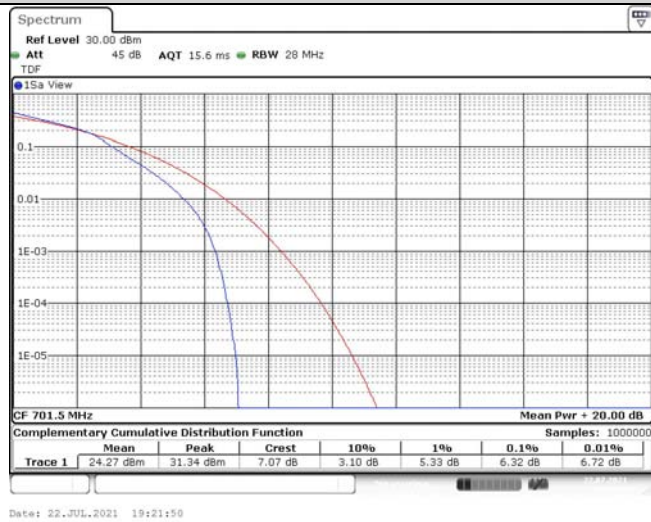
Band12-5MHz-QPSK-23155-25RB#0



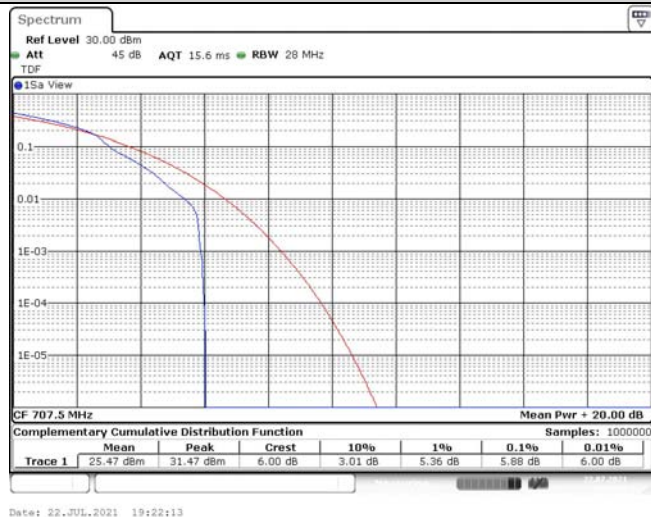
Band12-5MHz-16QAM-23035-1RB#0



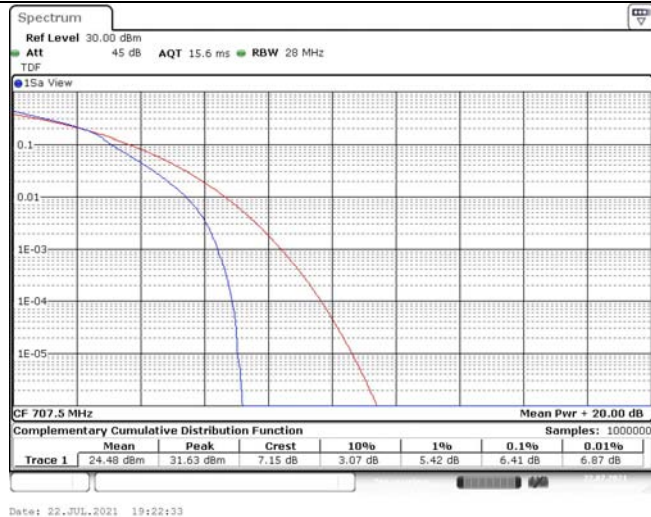
Band12-5MHz-16QAM-23035-25RB#0



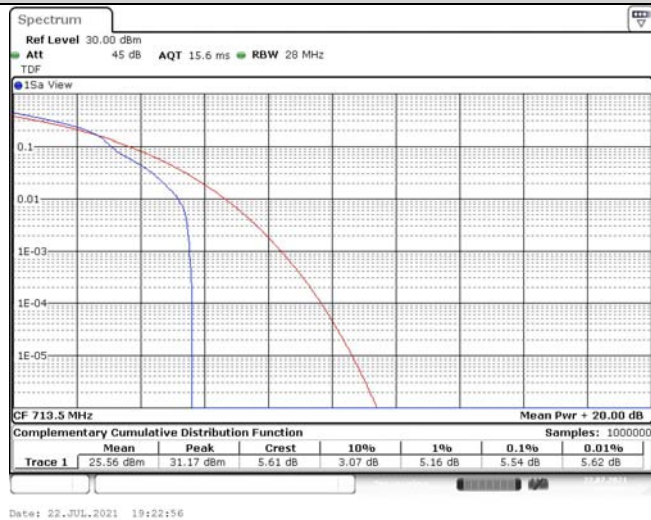
Band12-5MHz-16QAM-23095-1RB#0



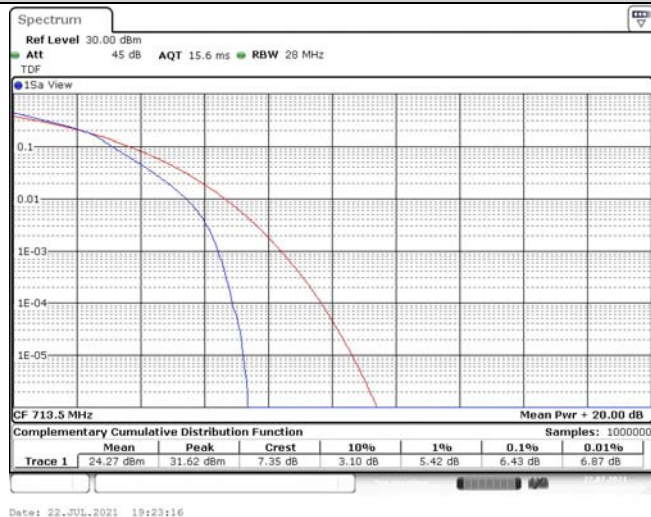
Band12-5MHz-16QAM-23095-25RB#0



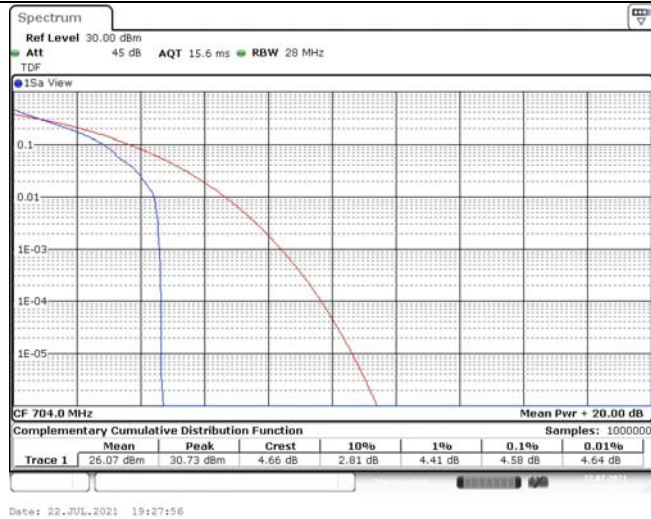
Band12-5MHz-16QAM-23155-1RB#0



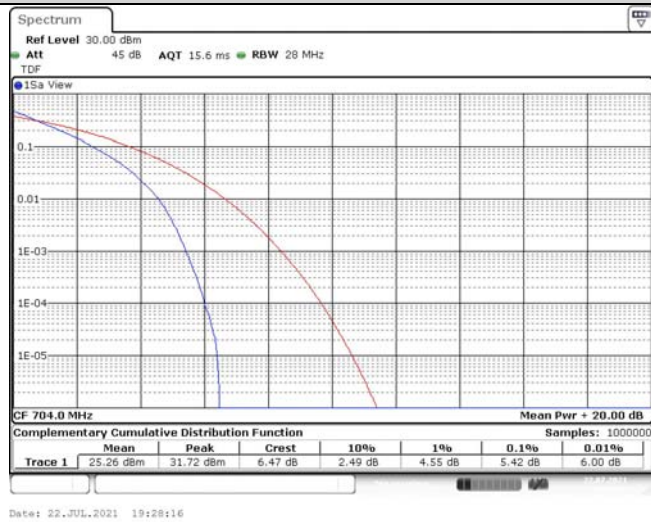
Band12-5MHz-16QAM-23155-25RB#0



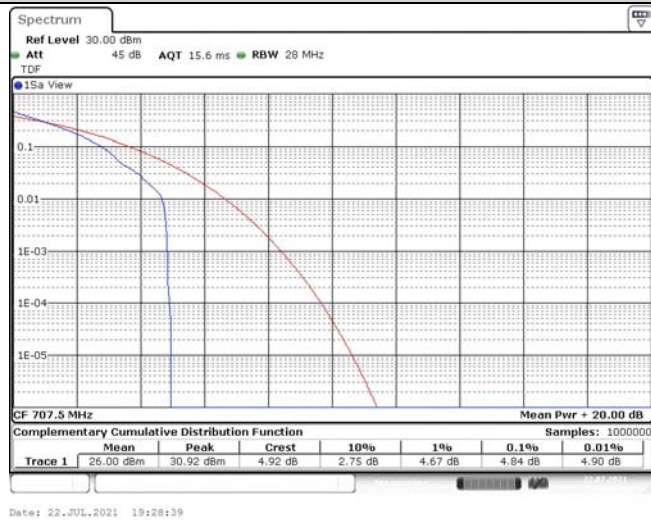
Band12-10MHz-QPSK-23060-1RB#0



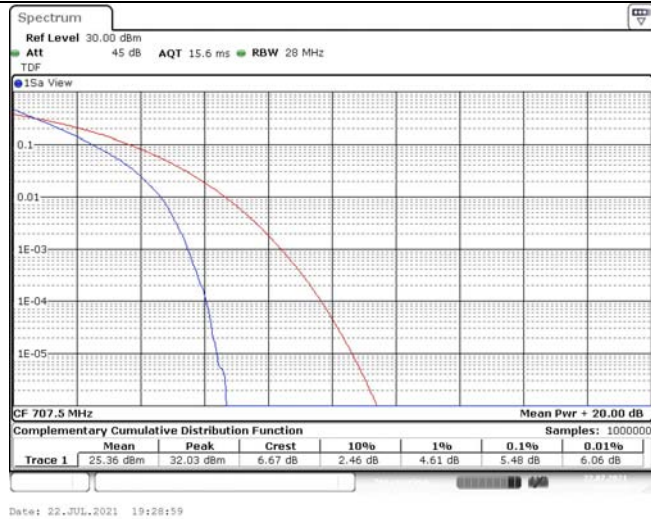
Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-1RB#0



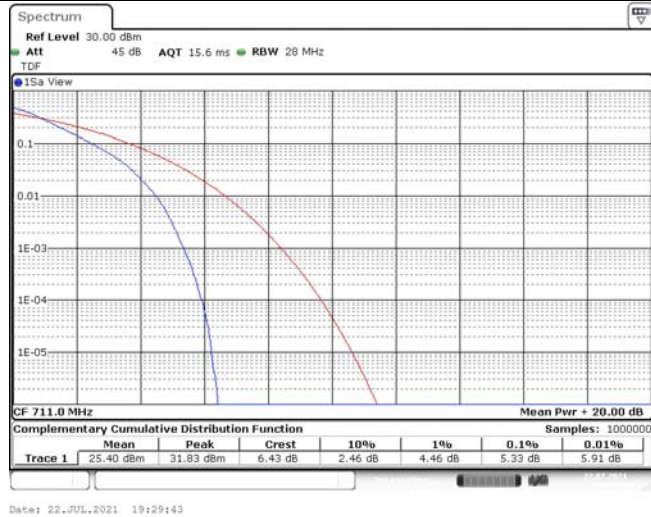
Band12-10MHz-QPSK-23095-50RB#0



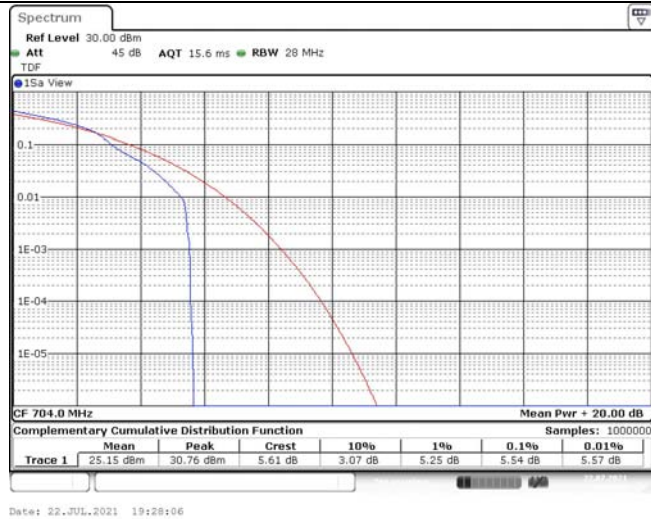
Band12-10MHz-QPSK-23130-1RB#0



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



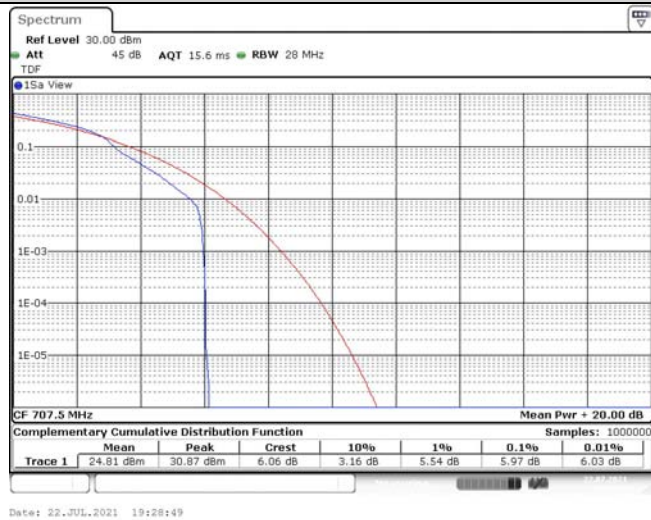
Band12-10MHz-16QAM-23060-1RB#0



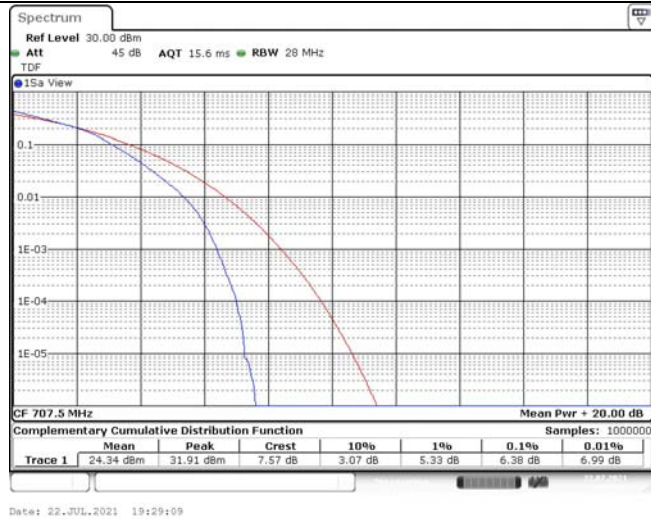
Band12-10MHz-16QAM-23060-50RB#0



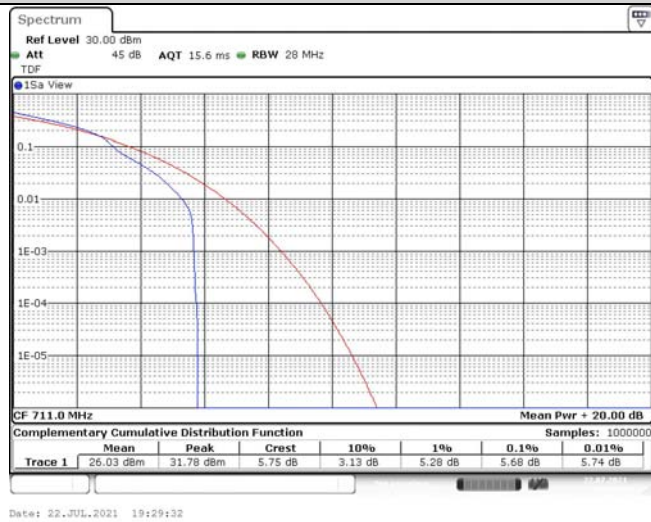
Band12-10MHz-16QAM-23095-1RB#0



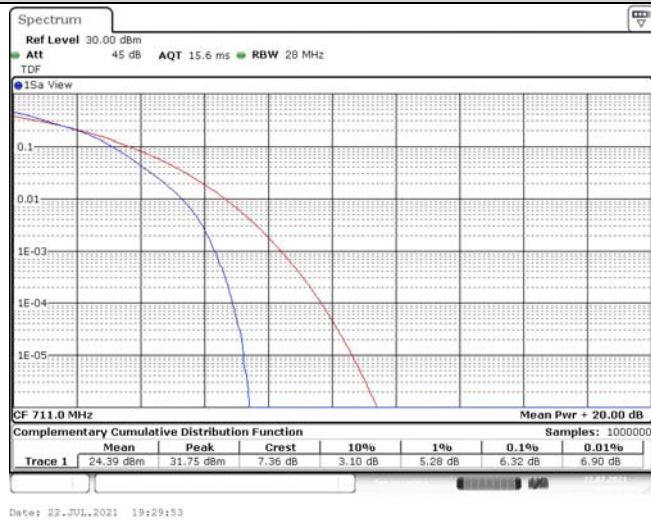
Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-1RB#0



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



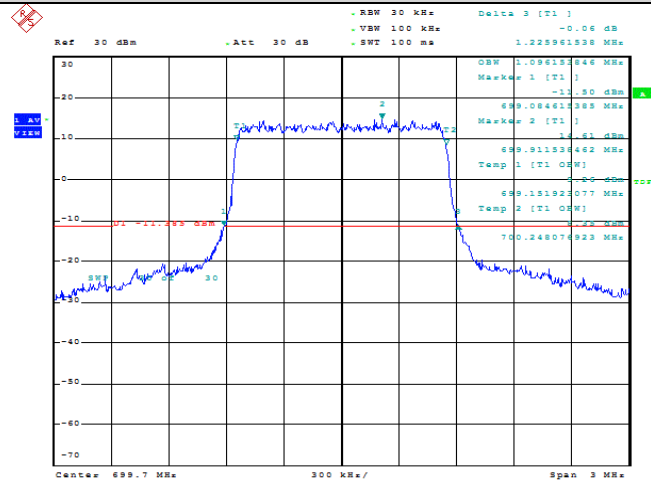
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.096	1.226	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.091	1.240	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.091	1.250	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.096	1.245	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.096	1.260	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.091	1.212	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.692	2.971	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.702	2.885	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.702	2.865	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.692	2.894	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.712	2.894	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.692	2.875	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.487	4.936	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.512	4.784	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.504	4.792	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.504	4.768	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.512	4.808	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.512	4.800	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.006	9.904	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.974	9.679	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.974	9.647	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.974	9.679	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.974	9.679	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.942	9.647	PASS

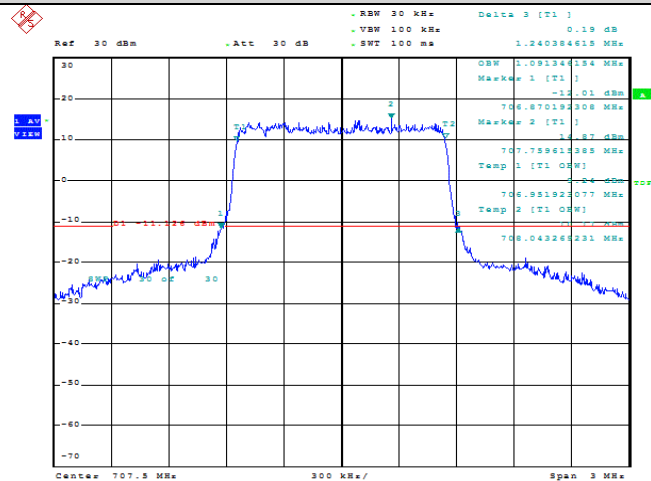
Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0-1.096



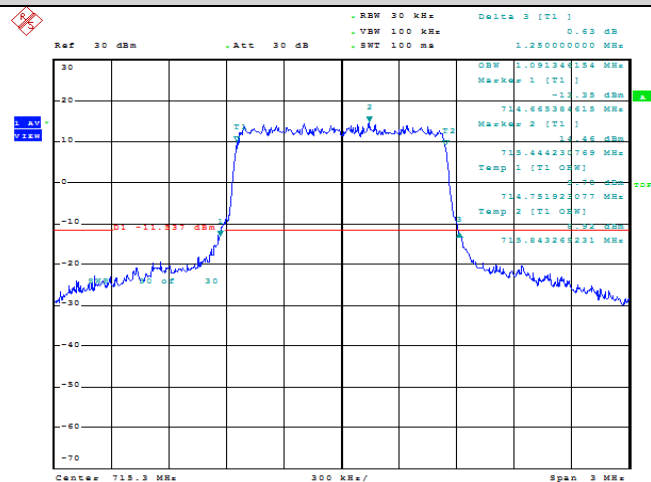
Date: 16.JUL.2021 16:20:27

Band12-1.4MHz-QPSK-23095-6RB#0-1.091



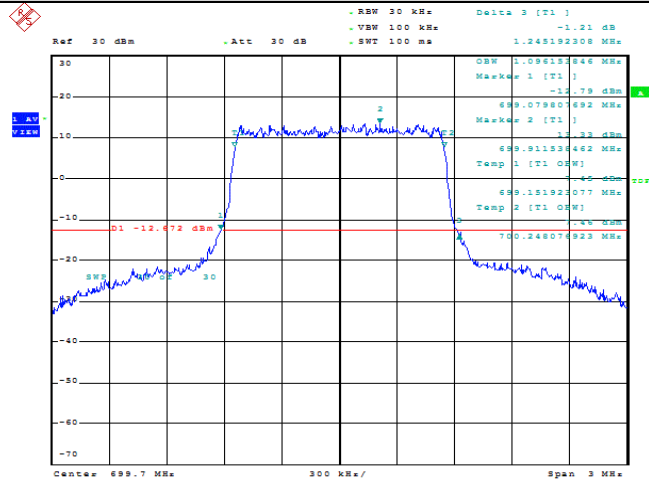
Date: 16.JUL.2021 16:20:52

Band12-1.4MHz-QPSK-23173-6RB#0-1.091



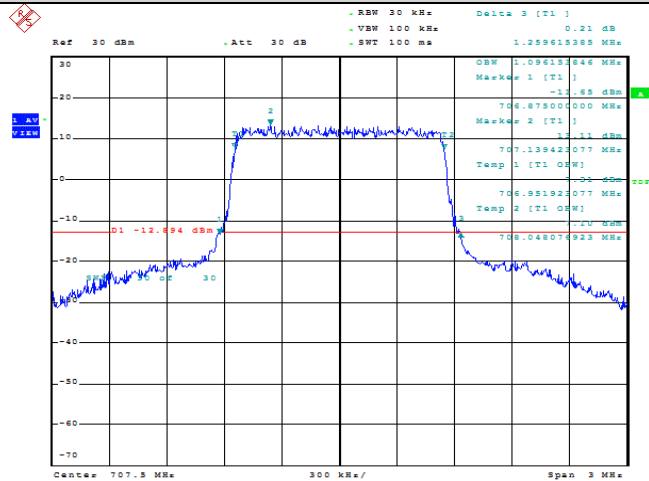
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Band12-1.4MHz-16QAM-23017-6RB#0-1.096



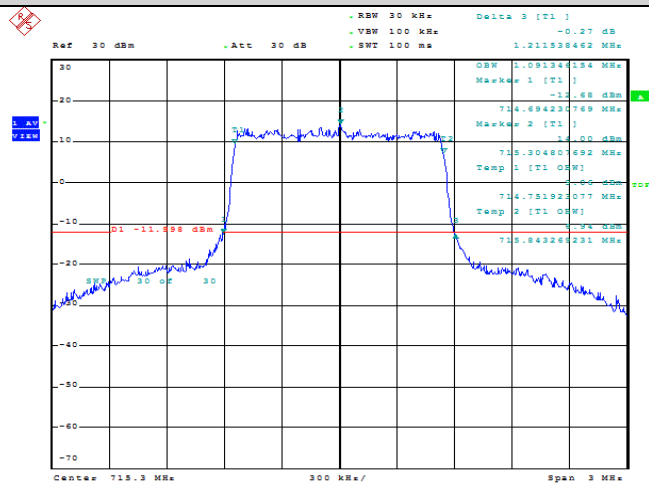
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Band12-1.4MHz-16QAM-23095-6RB#0-1.096



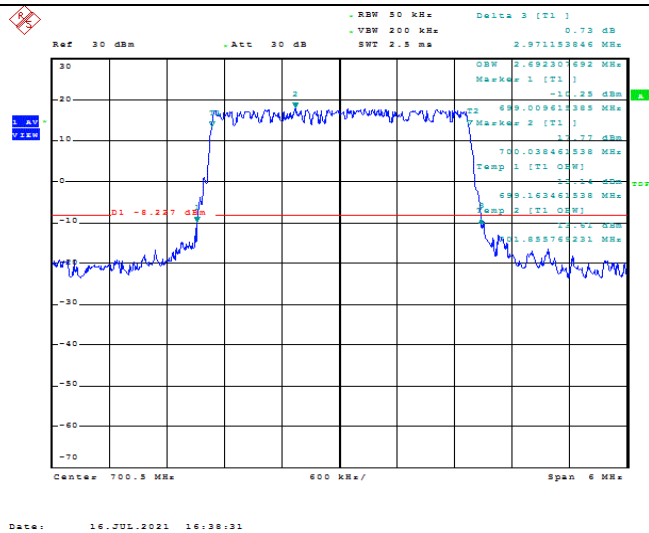
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Band12-1.4MHz-16QAM-23173-6RB#0-1.091

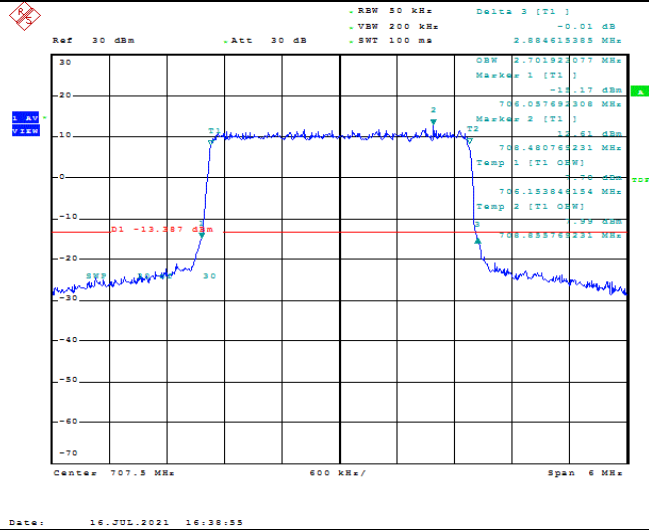


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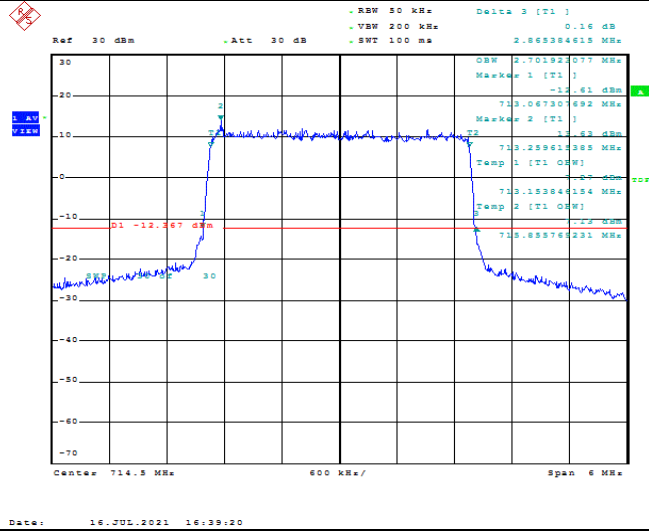
Band12-3MHz-QPSK-23025-15RB#0-2.692



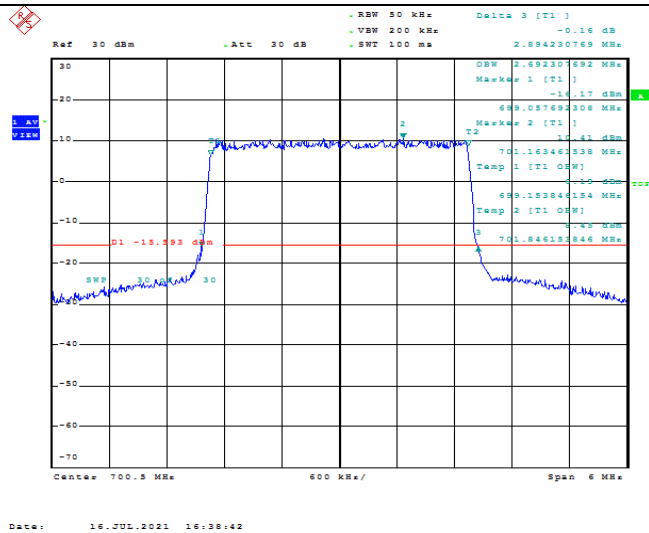
Band12-3MHz-QPSK-23095-15RB#0-2.702



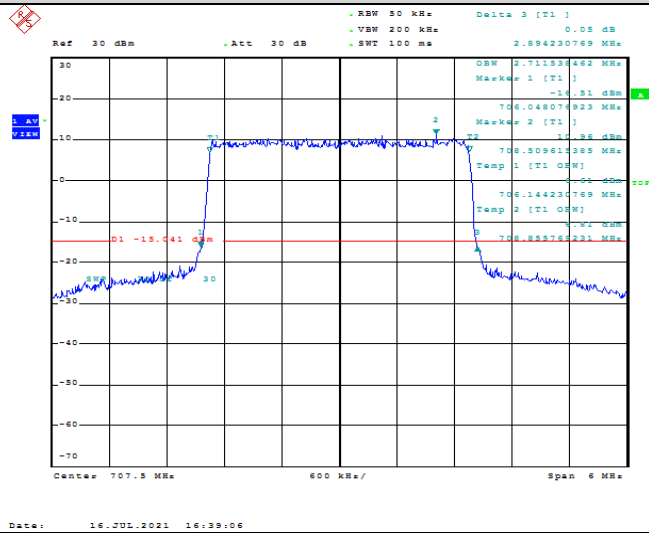
Band12-3MHz-QPSK-23165-15RB#0-2.702



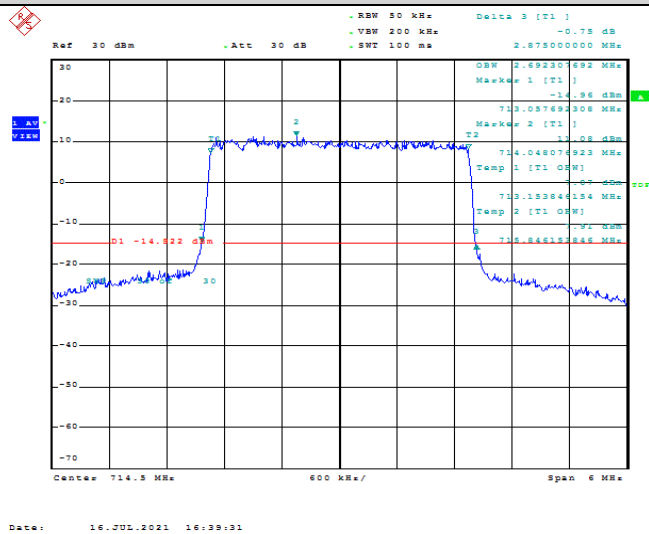
Band12-3MHz-16QAM-23025-15RB#0-2.692



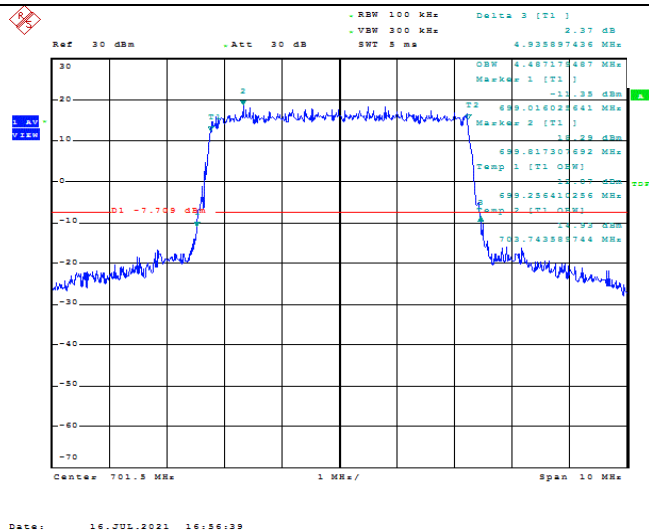
Band12-3MHz-16QAM-23095-15RB#0-2.712



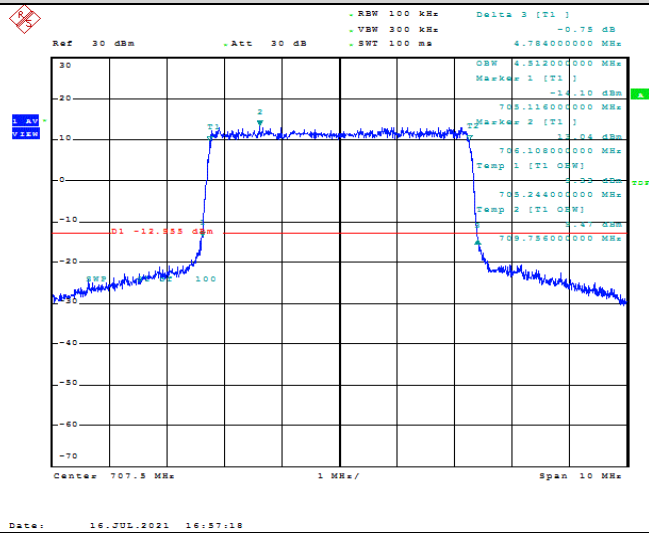
Band12-3MHz-16QAM-23165-15RB#0-2.692



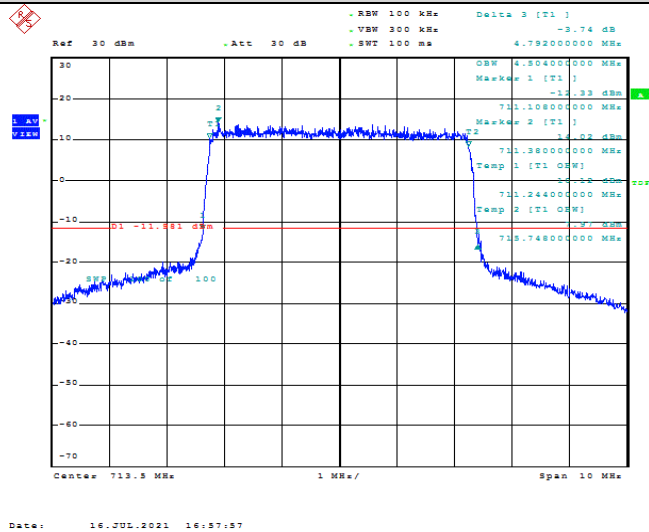
Band12-5MHz-QPSK-23035-25RB#0-4.487



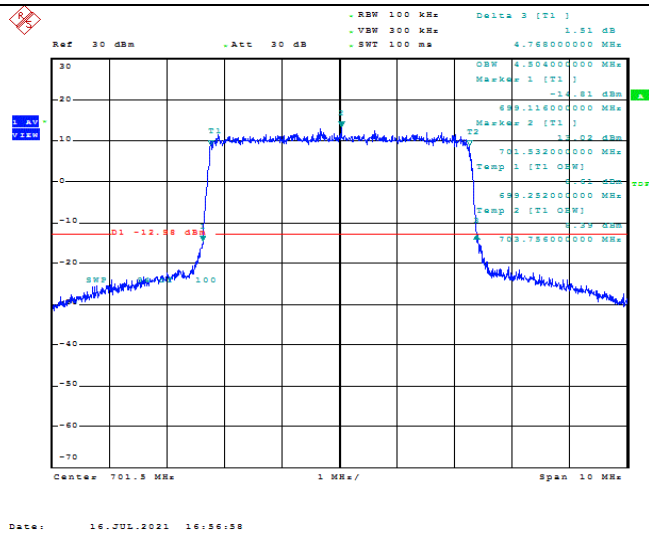
Band12-5MHz-QPSK-23095-25RB#0-4.512



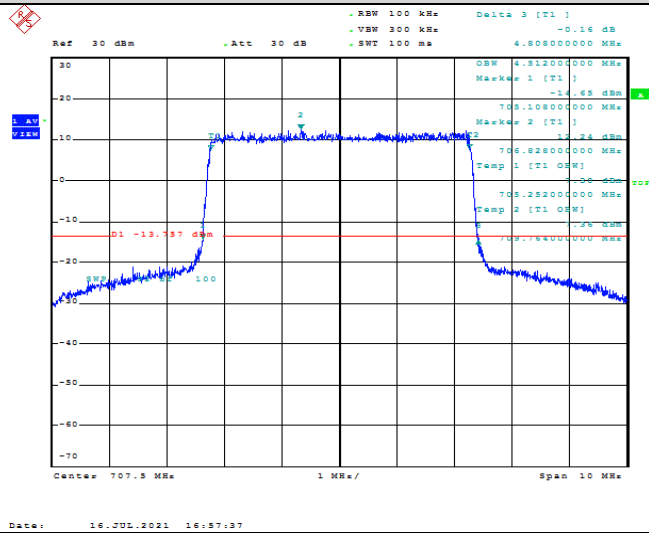
Band12-5MHz-QPSK-23155-25RB#0-4.504



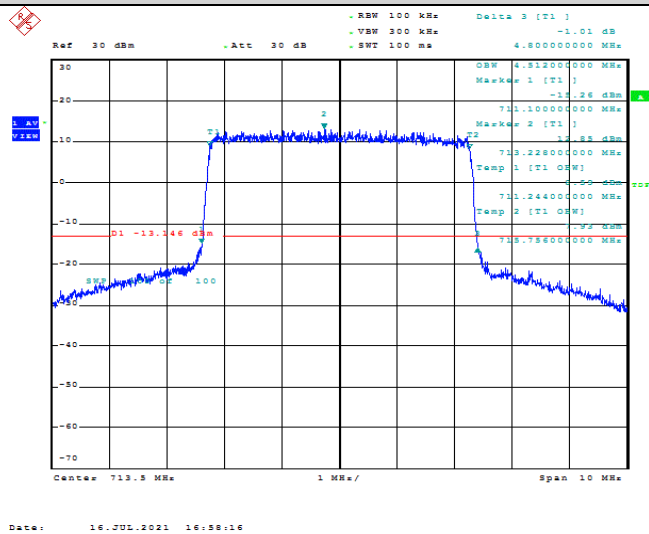
Band12-5MHz-16QAM-23035-25RB#0-4.504



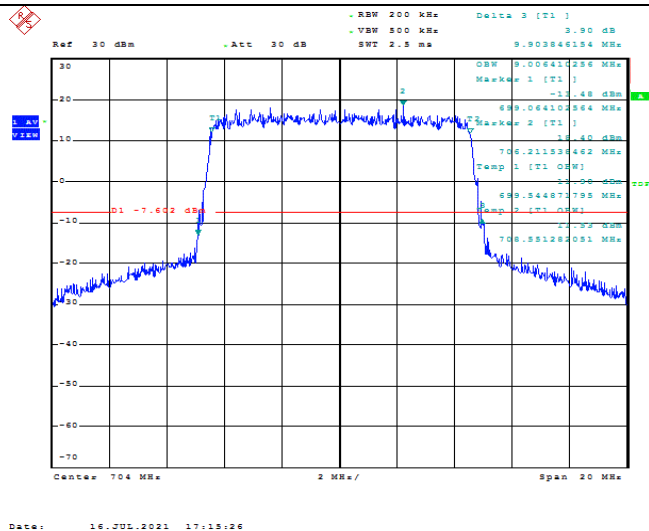
Band12-5MHz-16QAM-23095-25RB#0-4.512



Band12-5MHz-16QAM-23155-25RB#0-4.512

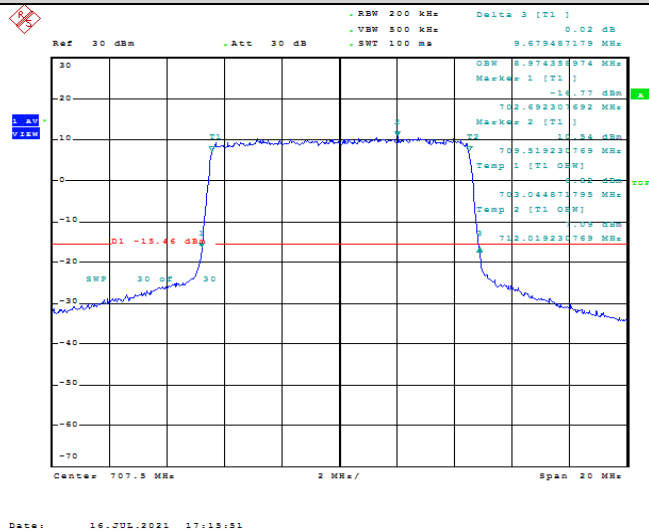


Band12-10MHz-QPSK-23060-50RB#0-9.006



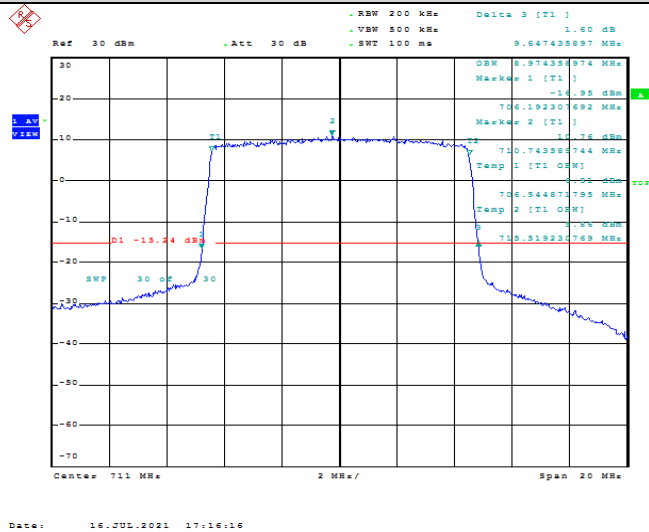
Date: 16.JUL.2021 17:15:26

Band12-10MHz-QPSK-23095-50RB#0-8.974



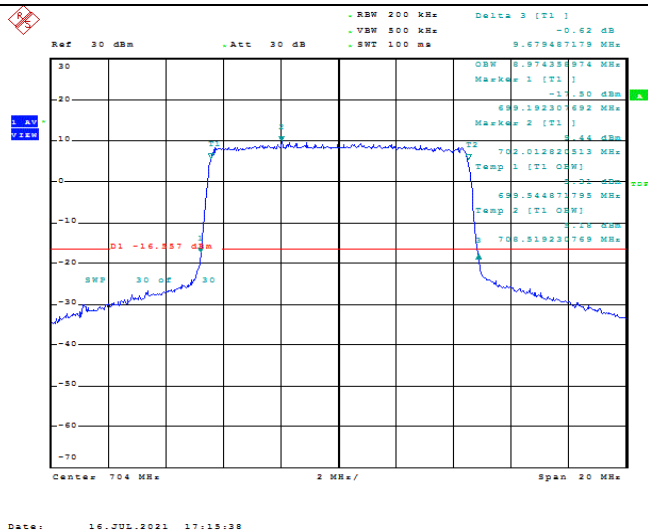
Date: 16.JUL.2021 17:15:51

Band12-10MHz-QPSK-23130-50RB#0-8.974



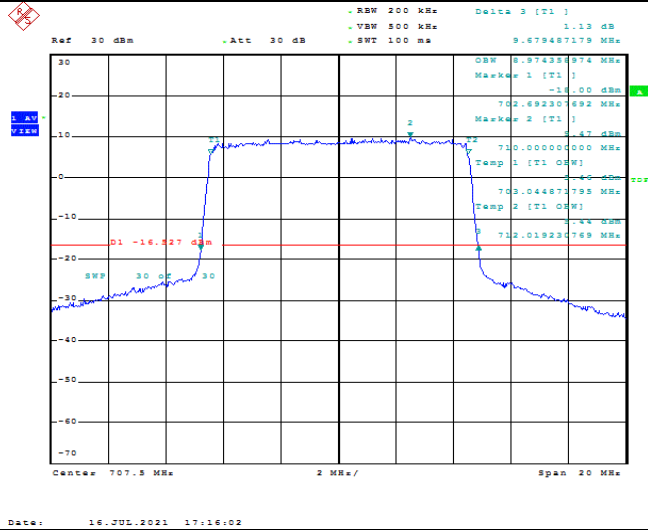
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Band12-10MHz-16QAM-23060-50RB#0-8.974



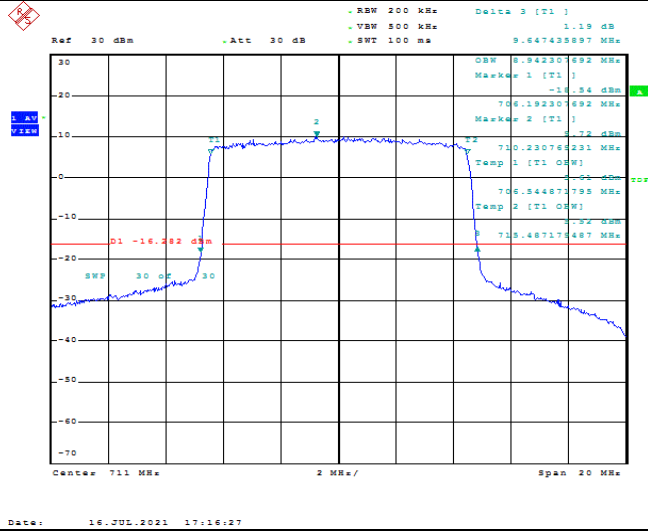
Date: 16.JUL.2021 17:15:38

Band12-10MHz-16QAM-23095-50RB#0-8.974



Date: 16.JUL.2021 17:16:02

Band12-10MHz-16QAM-23130-50RB#0-8.942



Date: 16.JUL.2021 17:16:27

1.4. Appendix D: Band Edge

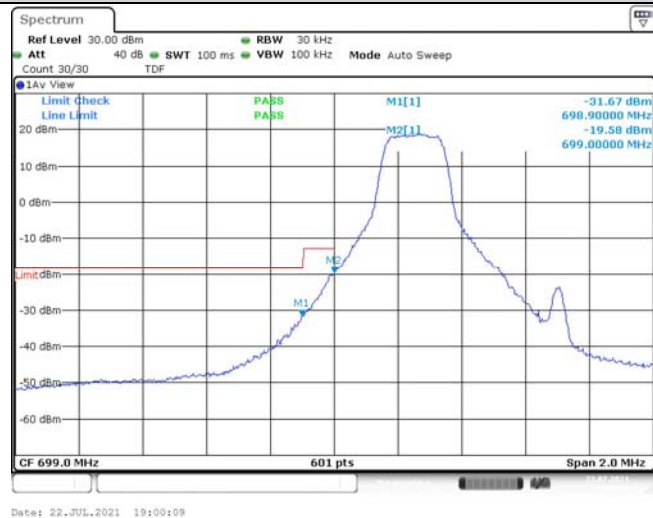
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-31.67,-19.58	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-45.58,-50.02	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-25.20,-23.15	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-49.97,-40.80	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-19.66,-29.64	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-23.53,-24.85	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-34.51,-21.53	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-47.01,-51.13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-25.44,-24.22	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-50.86,-41.14	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-22.78,-31.22	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-23.71,-24.83	PASS
Band12	3MHz	QPSK	23025	1RB#0	-29.80,-18.01	PASS
Band12	3MHz	QPSK	23025	1RB#14	-42.70,-50.14	PASS
Band12	3MHz	QPSK	23025	15RB#0	-26.47,-23.50	PASS
Band12	3MHz	QPSK	23165	1RB#0	-50.18,-43.33	PASS
Band12	3MHz	QPSK	23165	1RB#14	-17.18,-29.07	PASS
Band12	3MHz	QPSK	23165	15RB#0	-23.93,-26.02	PASS
Band12	3MHz	16QAM	23025	1RB#0	-31.30,-19.06	PASS
Band12	3MHz	16QAM	23025	1RB#14	-44.18,-51.56	PASS
Band12	3MHz	16QAM	23025	15RB#0	-26.92,-24.11	PASS
Band12	3MHz	16QAM	23165	1RB#0	-50.99,-44.34	PASS
Band12	3MHz	16QAM	23165	1RB#14	-17.33,-28.35	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.04,-26.18	PASS
Band12	5MHz	QPSK	23035	1RB#0	-19.36	PASS
Band12	5MHz	QPSK	23035	1RB#24	-51.80	PASS
Band12	5MHz	QPSK	23035	25RB#0	-23.86	PASS
Band12	5MHz	QPSK	23155	1RB#0	-51.83	PASS
Band12	5MHz	QPSK	23155	1RB#24	-20.14	PASS
Band12	5MHz	QPSK	23155	25RB#0	-23.96	PASS
Band12	5MHz	16QAM	23035	1RB#0	-21.83	PASS
Band12	5MHz	16QAM	23035	1RB#24	-52.56	PASS
Band12	5MHz	16QAM	23035	25RB#0	-24.48	PASS

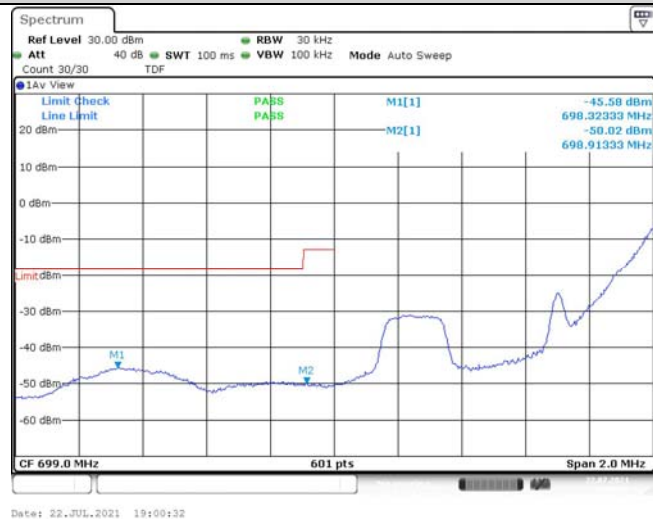
Band12	5MHz	16QAM	23155	1RB#0	-52.33	PASS
Band12	5MHz	16QAM	23155	1RB#24	-21.13	PASS
Band12	5MHz	16QAM	23155	25RB#0	-24.34	PASS
Band12	10MHz	QPSK	23060	1RB#0	-35.75,-30.41	PASS
Band12	10MHz	QPSK	23060	1RB#49	-49.81,-48.46	PASS
Band12	10MHz	QPSK	23060	50RB#0	-25.83,-24.93	PASS
Band12	10MHz	QPSK	23130	1RB#0	-48.70,-49.68	PASS
Band12	10MHz	QPSK	23130	1RB#49	-29.91,-35.11	PASS
Band12	10MHz	QPSK	23130	50RB#0	-26.41,-26.99	PASS
Band12	10MHz	16QAM	23060	1RB#0	-37.08,-31.91	PASS
Band12	10MHz	16QAM	23060	1RB#49	-50.40,-49.44	PASS
Band12	10MHz	16QAM	23060	50RB#0	-26.51,-25.78	PASS
Band12	10MHz	16QAM	23130	1RB#0	-49.25,-49.96	PASS
Band12	10MHz	16QAM	23130	1RB#49	-31.32,-36.23	PASS
Band12	10MHz	16QAM	23130	50RB#0	-26.55,-26.97	PASS

Test Graphs

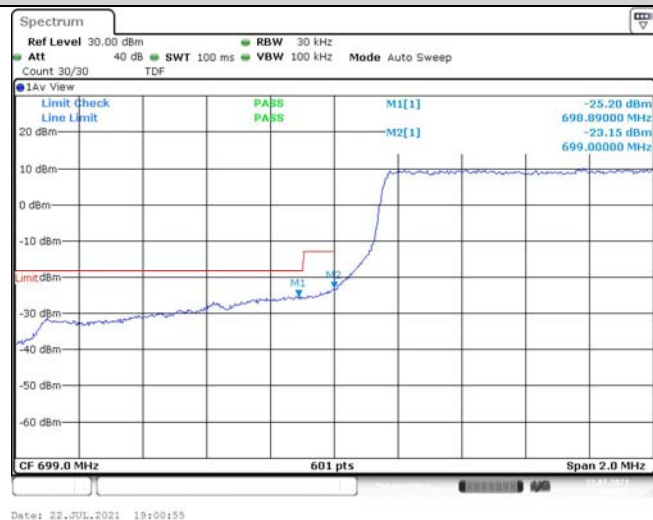
Band12-1.4MHz-QPSK-23017-1RB#0



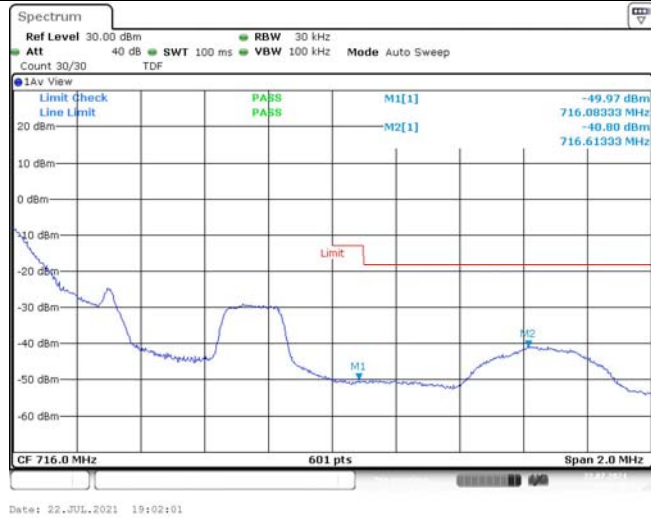
Band12-1.4MHz-QPSK-23017-1RB#5



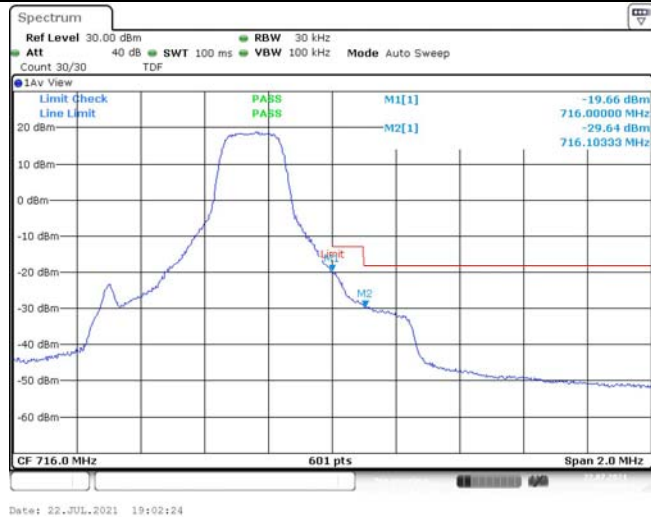
Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23173-1RB#0



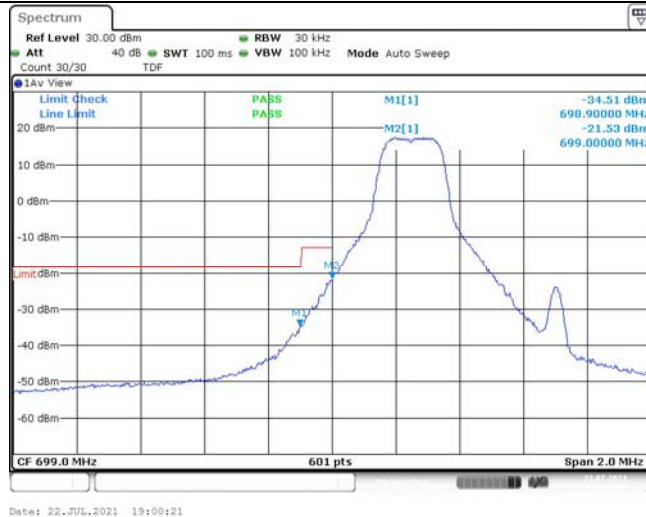
Band12-1.4MHz-QPSK-23173-1RB#5



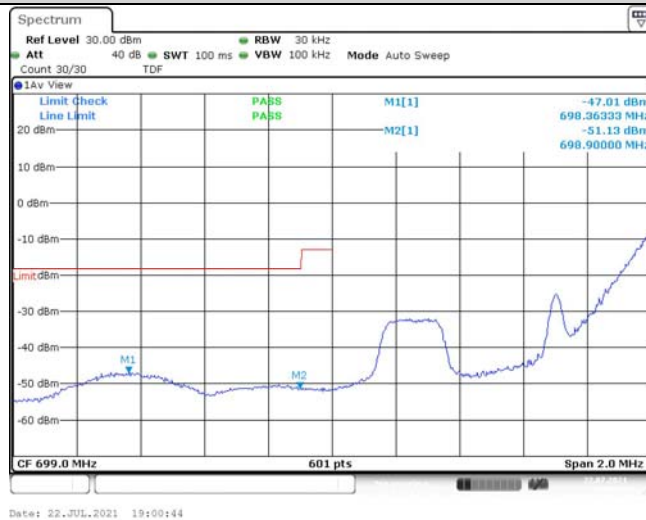
Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-1RB#0



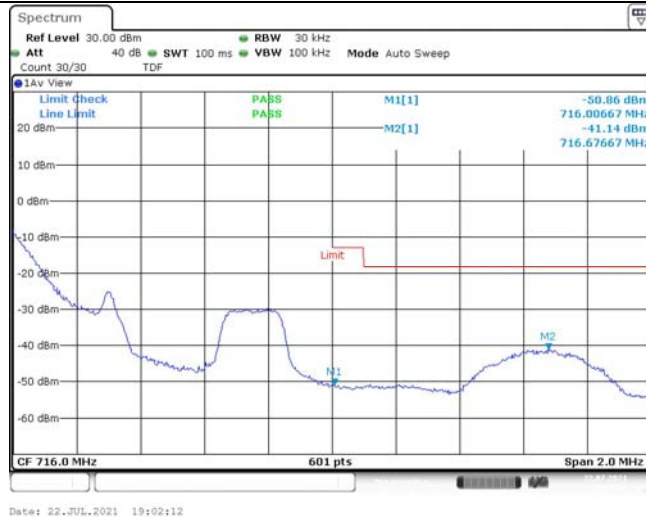
Band12-1.4MHz-16QAM-23017-1RB#5



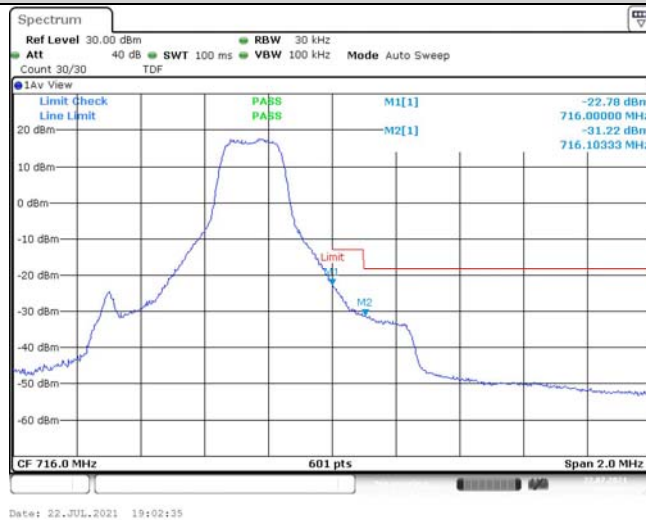
Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23173-1RB#0



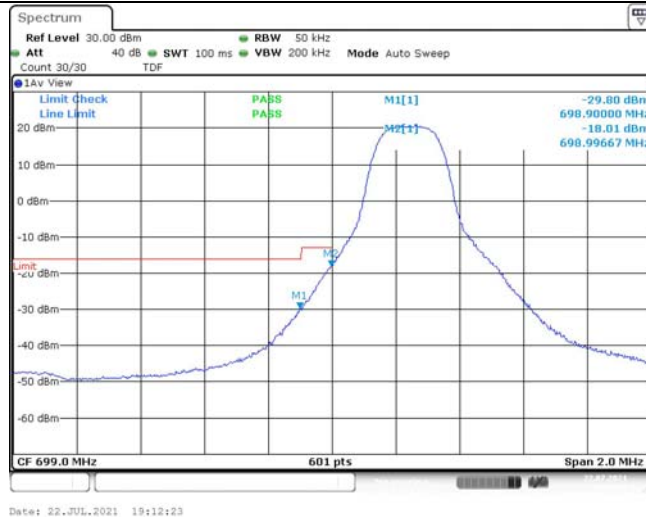
Band12-1.4MHz-16QAM-23173-1RB#5



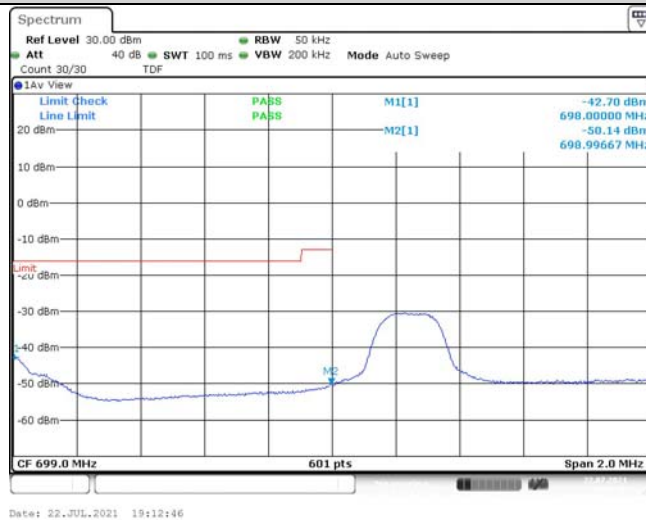
Band12-1.4MHz-16QAM-23173-6RB#0



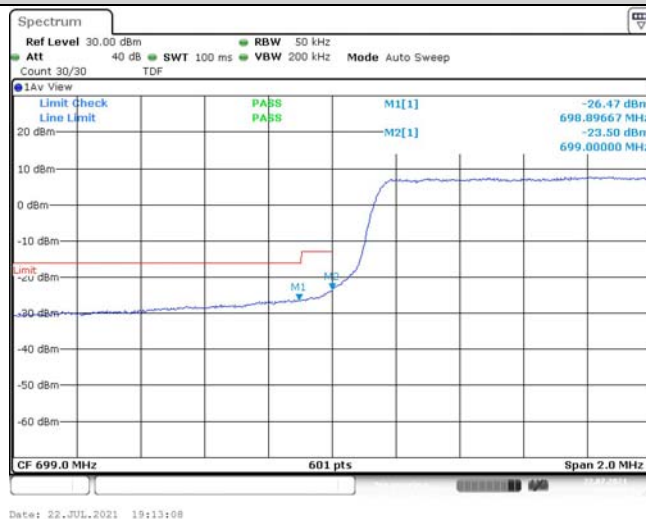
Band12-3MHz-QPSK-23025-1RB#0



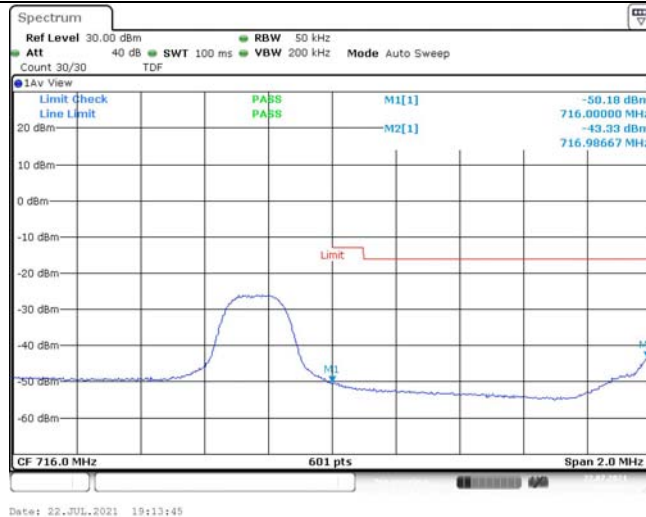
Band12-3MHz-QPSK-23025-1RB#14



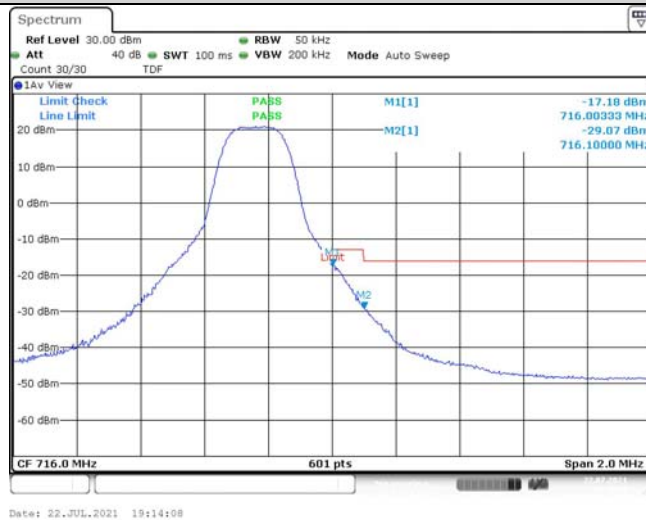
Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23165-1RB#0



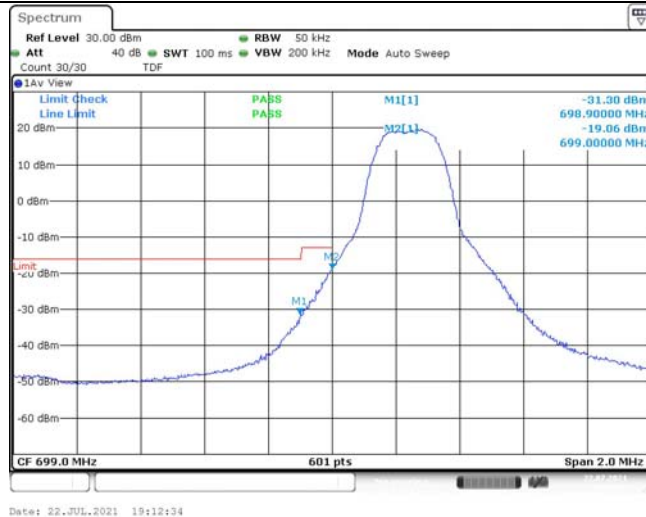
Band12-3MHz-QPSK-23165-1RB#14



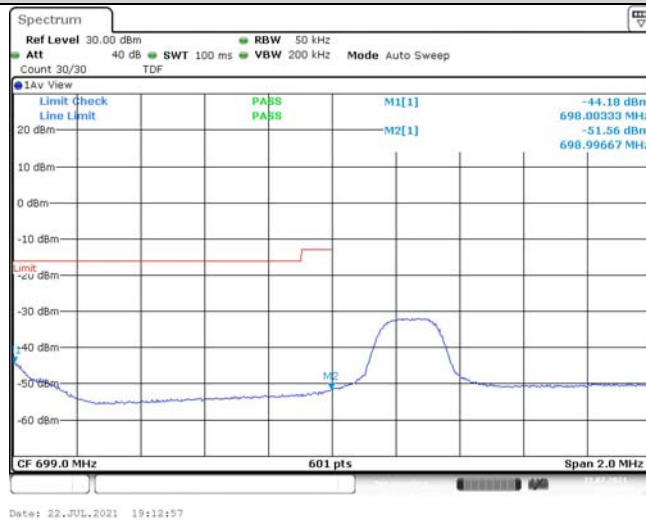
Band12-3MHz-QPSK-23165-15RB#0



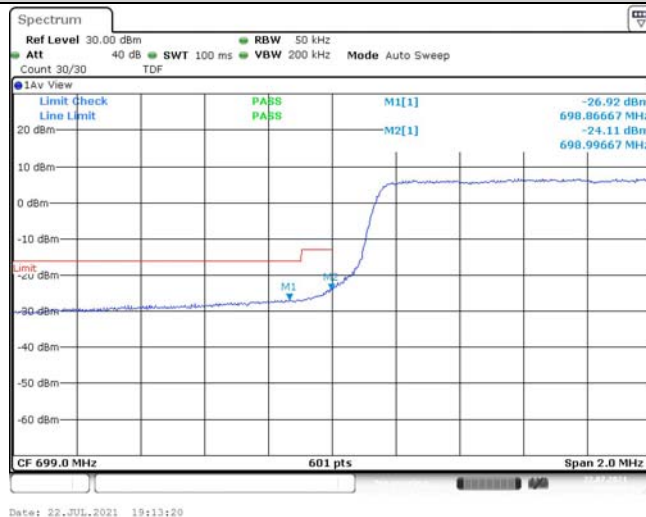
Band12-3MHz-16QAM-23025-1RB#0



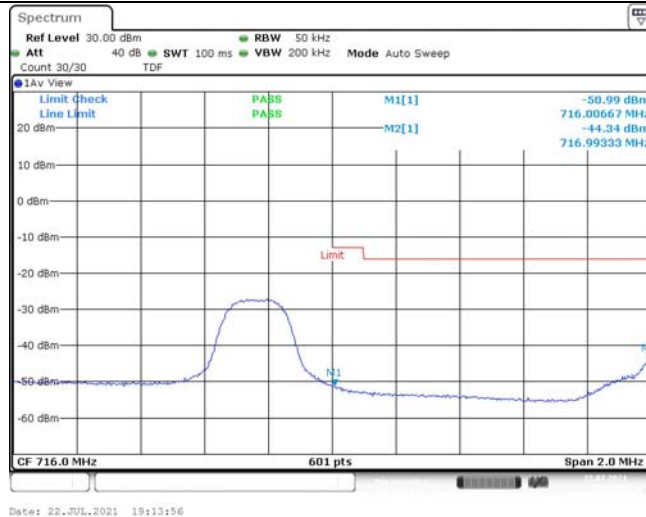
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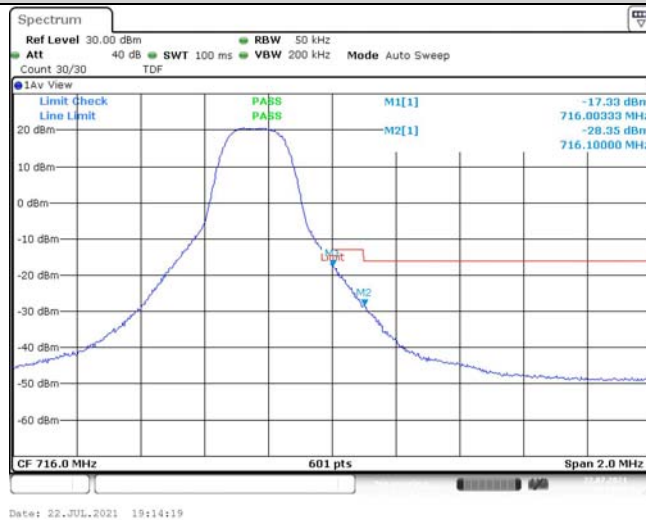
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Band12-3MHz-16QAM-23165-1RB#0



Band12-3MHz-16QAM-23165-1RB#14



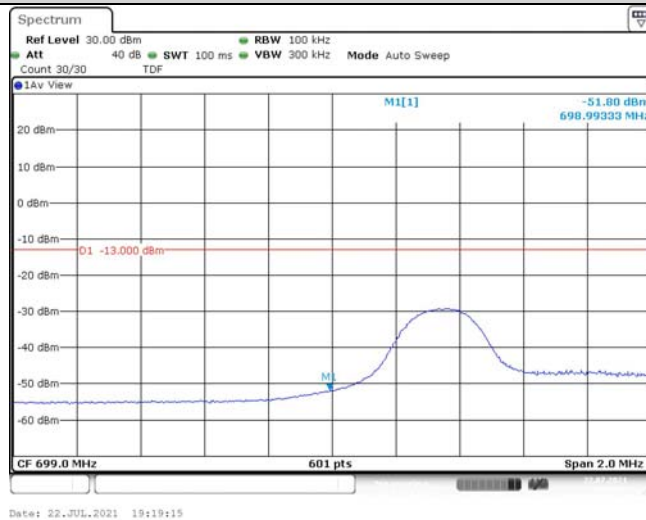
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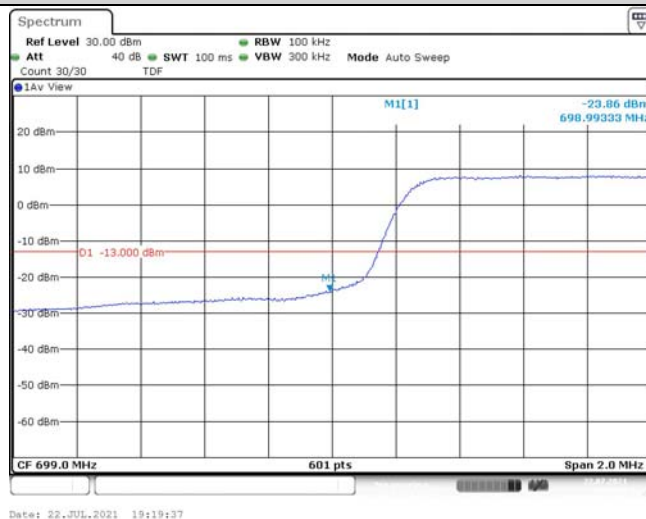
Band12-5MHz-QPSK-23035-1RB#0



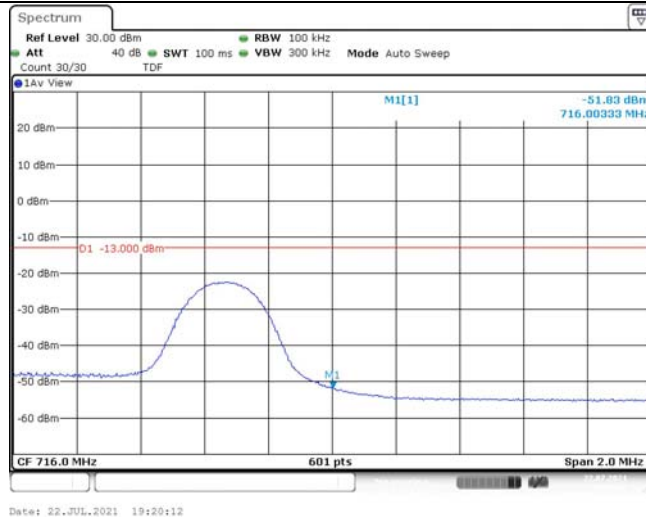
Band12-5MHz-QPSK-23035-1RB#24



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



Band12-5MHz-QPSK-23155-1RB#0



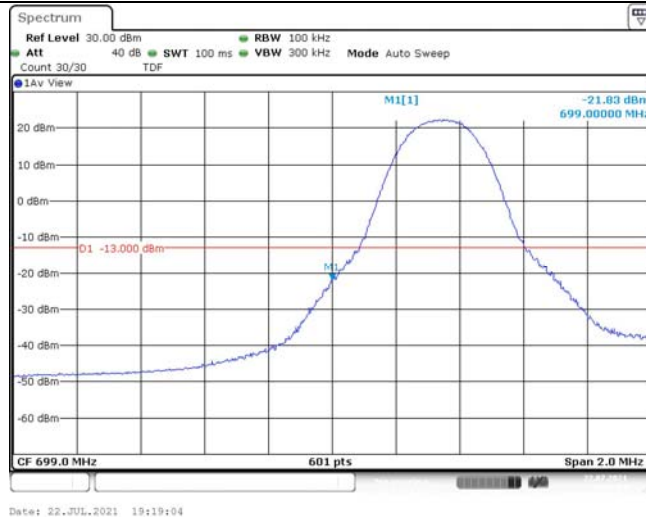
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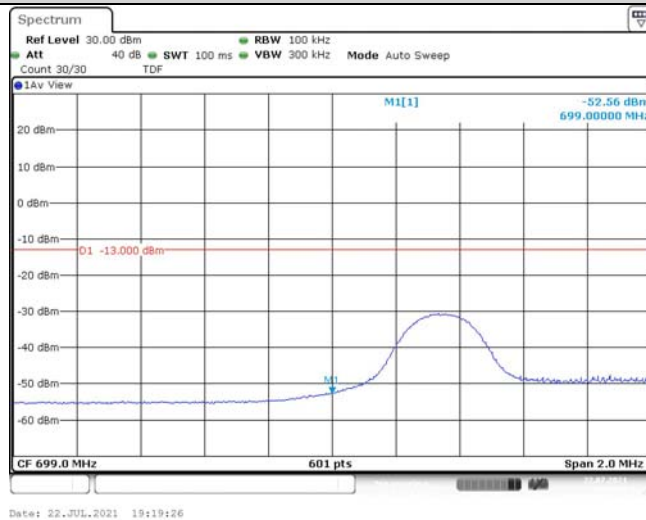
Band12-5MHz-QPSK-23155-25RB#0



Band12-5MHz-16QAM-23035-1RB#0



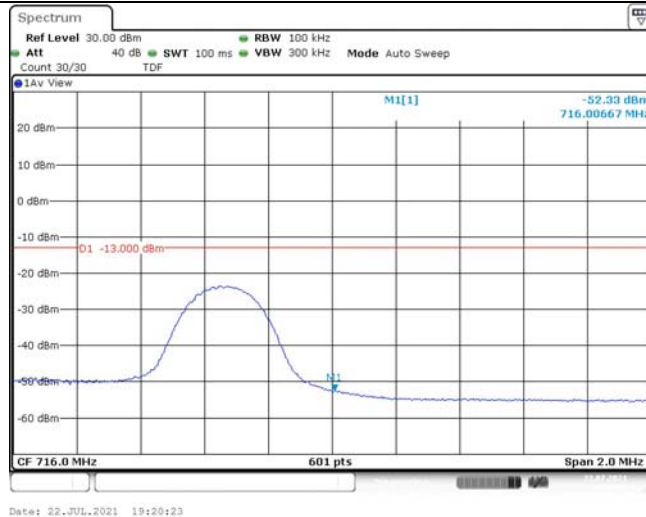
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Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23155-1RB#0



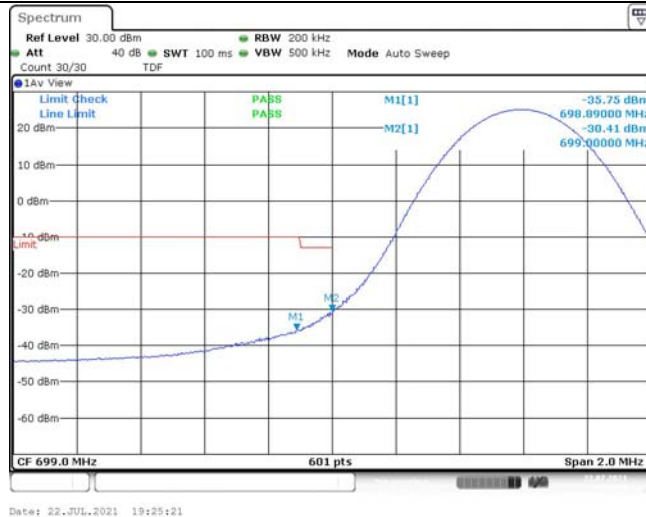
Band12-5MHz-16QAM-23155-1RB#24



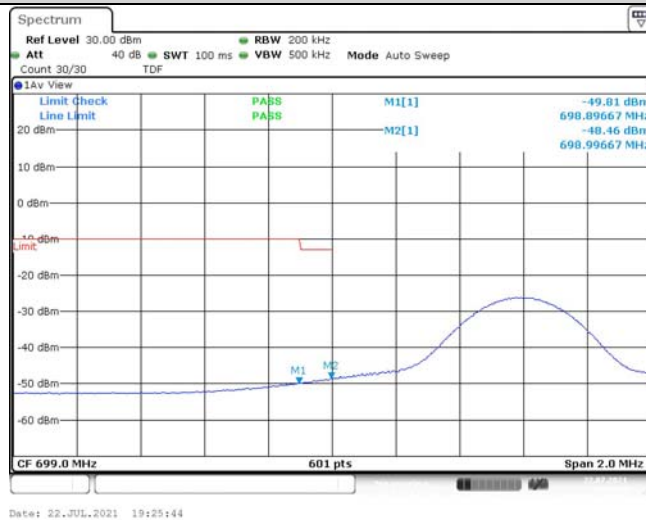
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Band12-10MHz-QPSK-23060-1RB#0



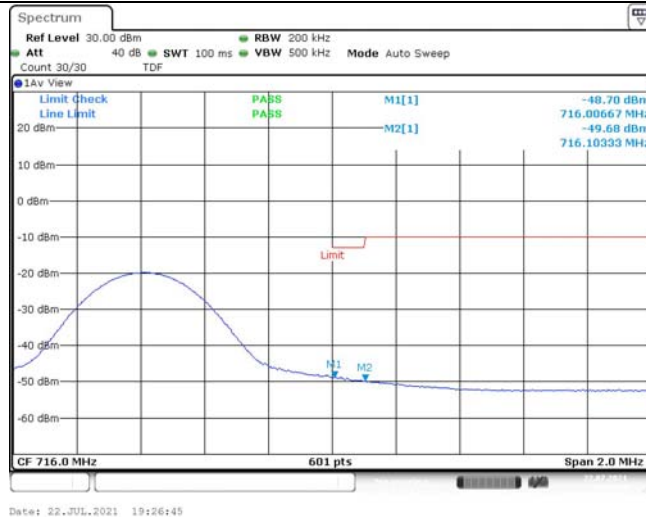
Band12-10MHz-QPSK-23060-1RB#49



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



Band12-10MHz-QPSK-23130-1RB#0



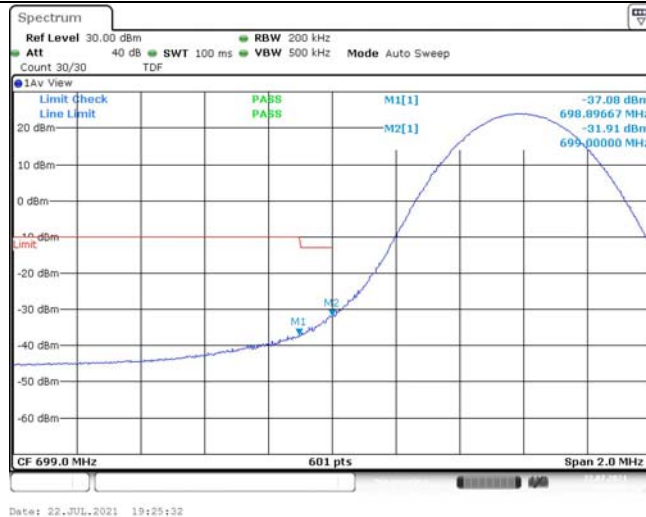
Band12-10MHz-QPSK-23130-1RB#49



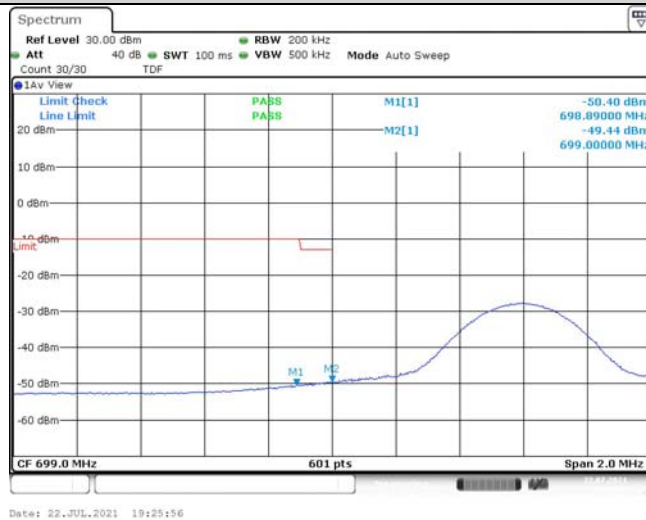
Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-1RB#0



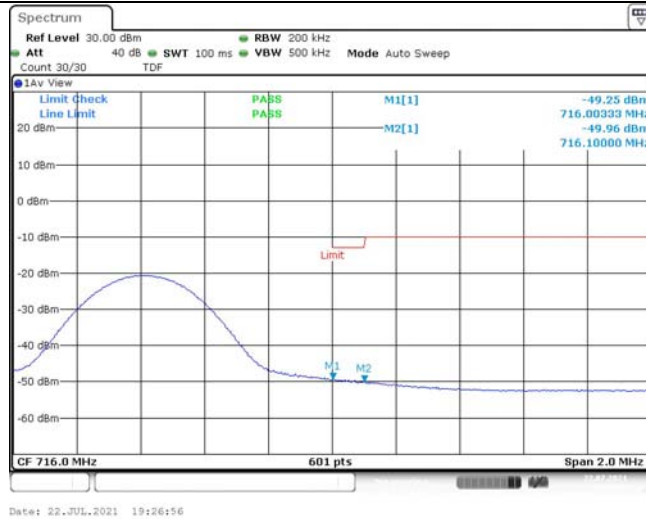
Band12-10MHz-16QAM-23060-1RB#49



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



Band12-10MHz-16QAM-23130-1RB#0



Band12-10MHz-16QAM-23130-1RB#49



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



1.5. Appendix E: Conducted Spurious Emission

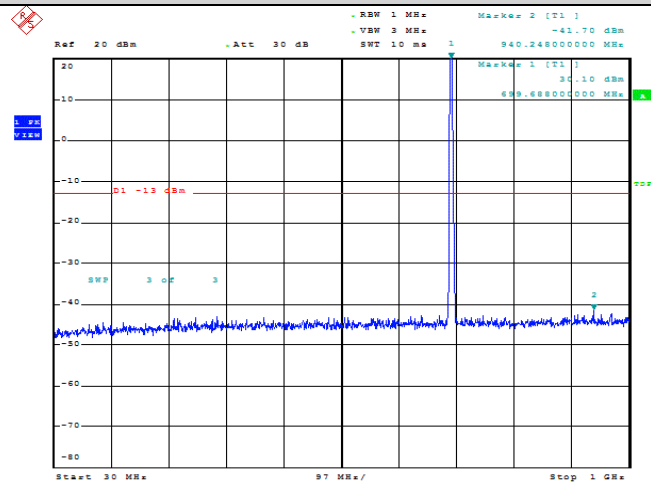
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-41.7	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-30.59	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-42.38	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-28.17	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-42.52	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-26.15	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-42.59	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-30.23	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-42.64	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-27.22	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-42.23	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-26.42	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-42.11	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-28.16	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-42.71	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-27.17	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-42.84	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-26.9	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-42.49	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-29.74	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-42.55	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-30.12	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-42.1	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-26.14	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-41.8	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-30.45	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-42.16	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-30.75	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-42.55	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-26.25	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-42.09	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-14.76	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-41.2	PASS

Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-28.68	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-42.46	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-30.61	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-42.46	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-16.35	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-42.39	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-31.26	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-41.9	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-29.01	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-42.04	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-27.35	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-42.46	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-28.71	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-43.11	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-26.52	PASS

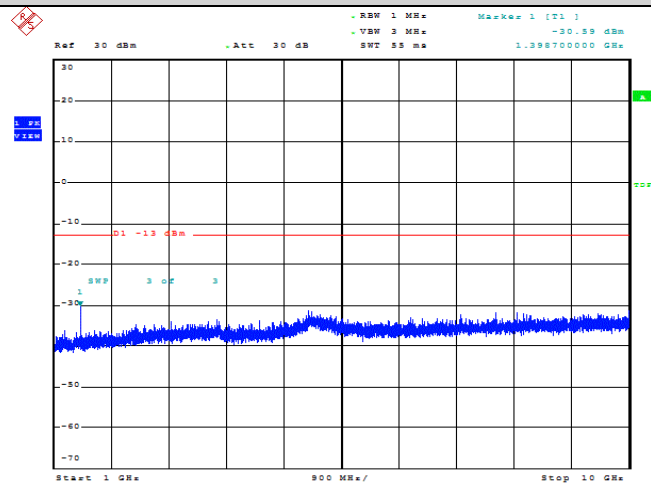
Test Graphs

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



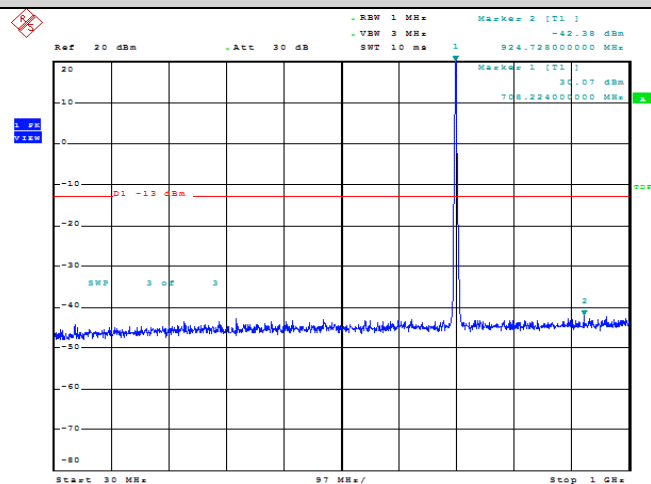
Date: 16.JUL.2021 16:24:25

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



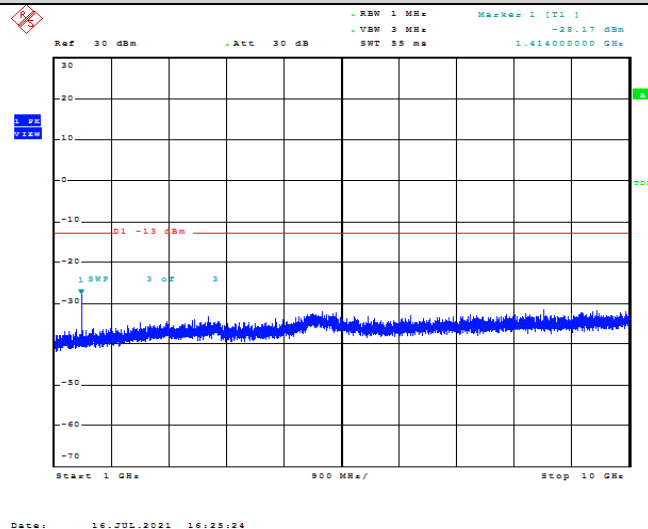
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Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

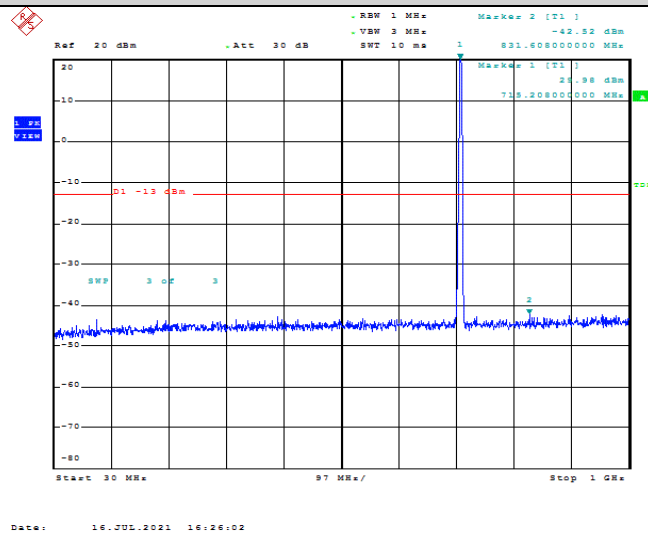


Date: 16.JUL.2021 16:28:14

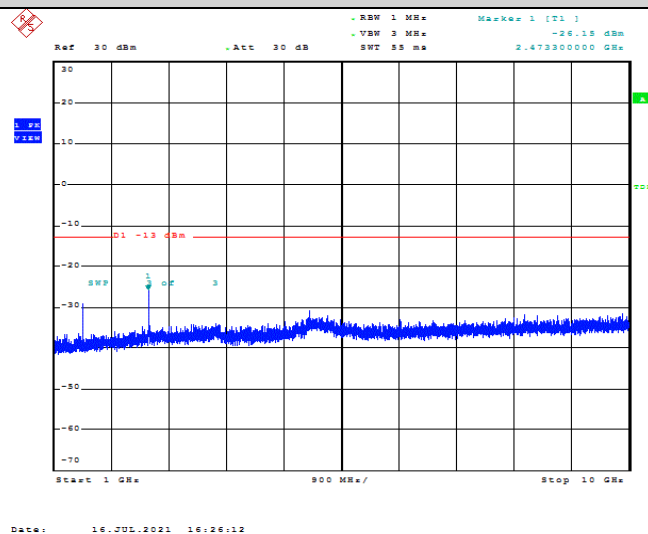
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



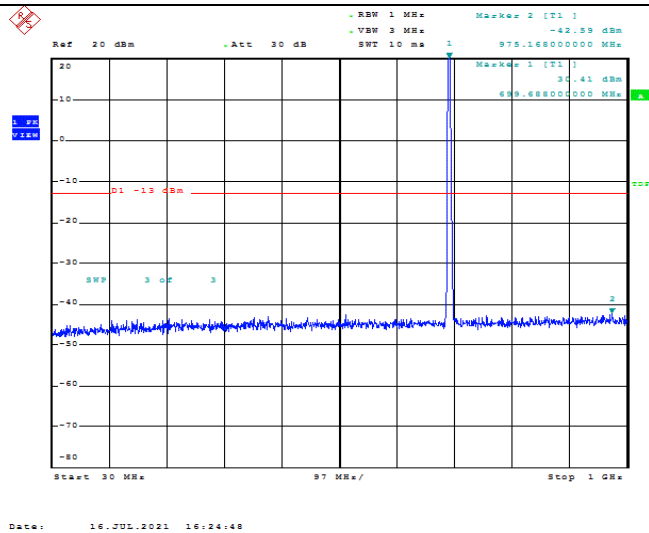
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



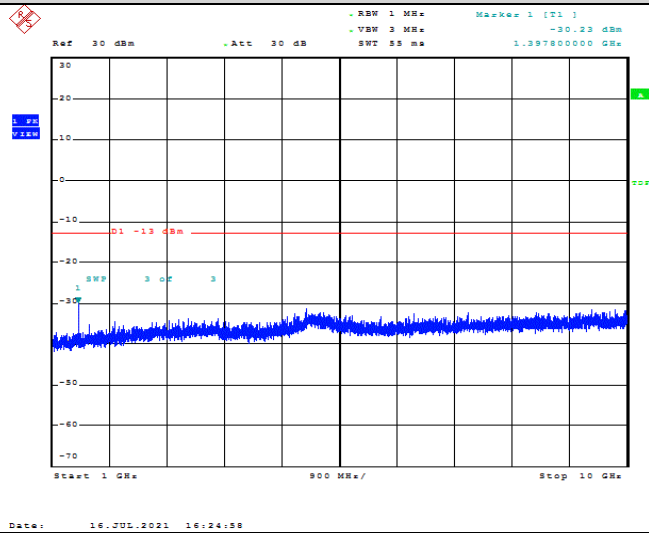
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



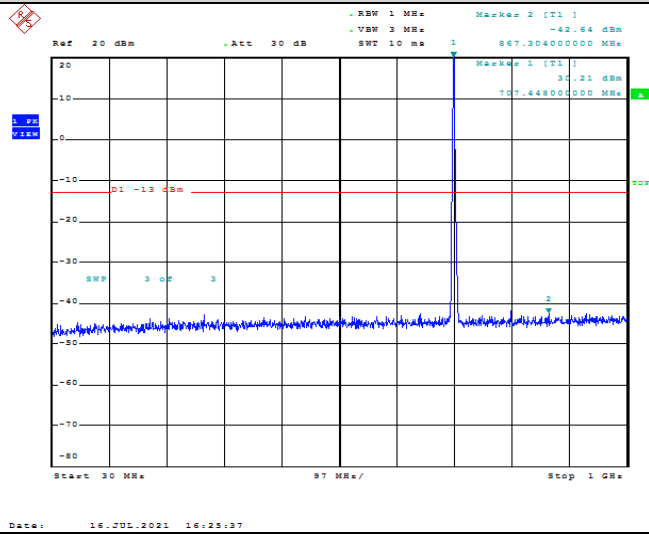
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



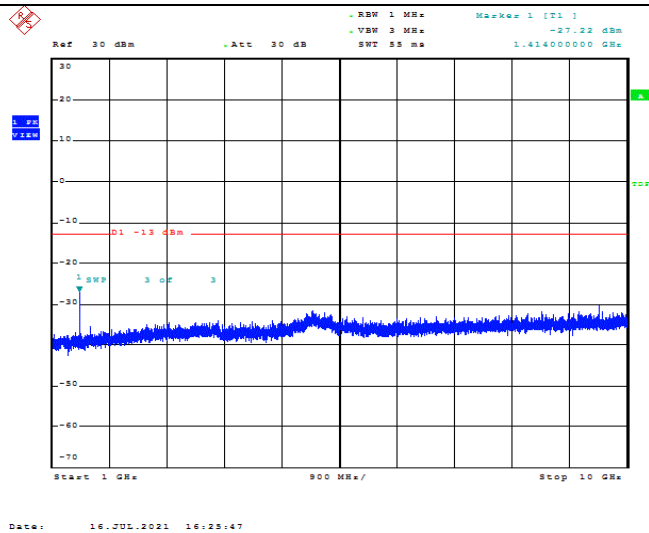
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



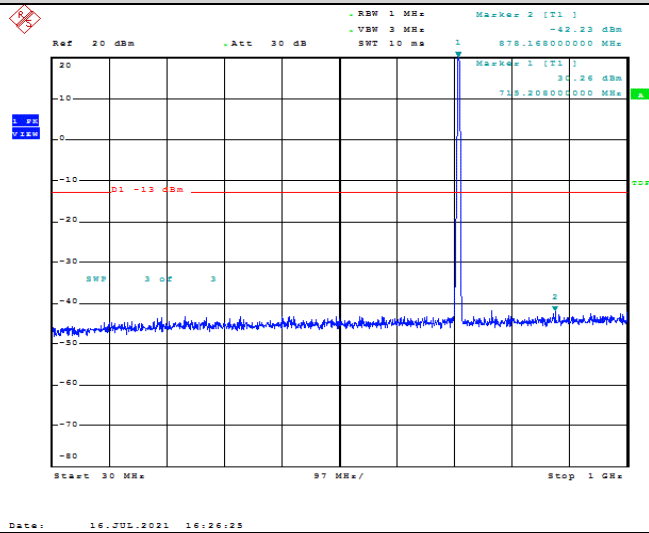
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



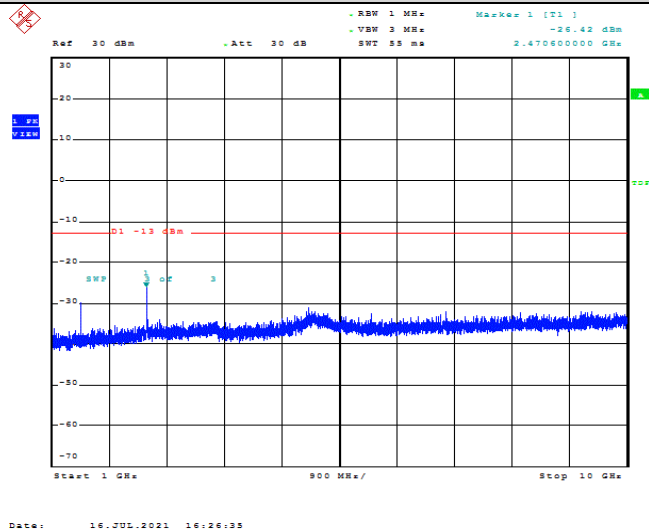
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



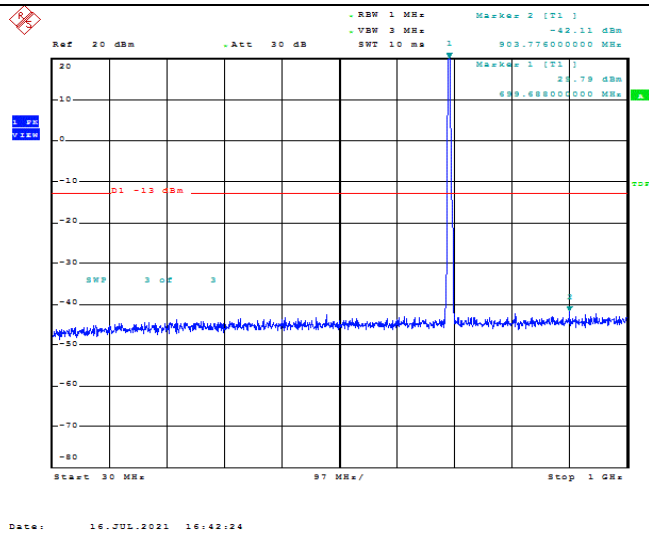
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



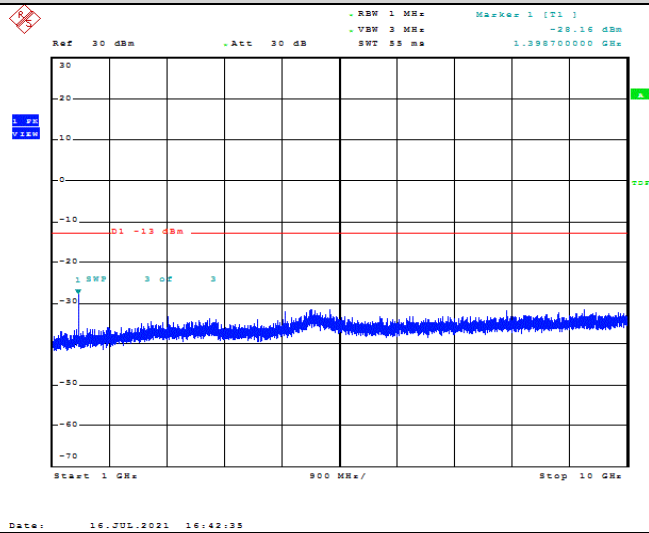
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



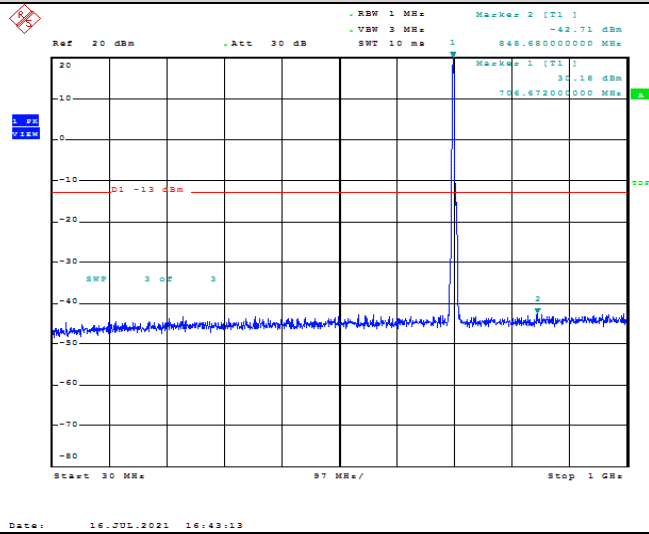
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



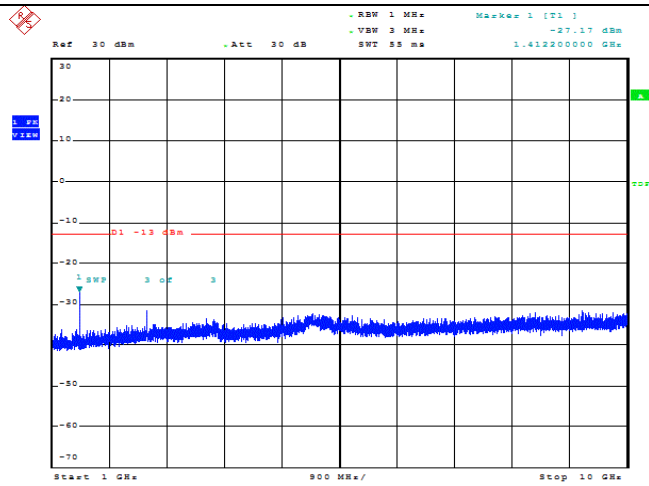
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

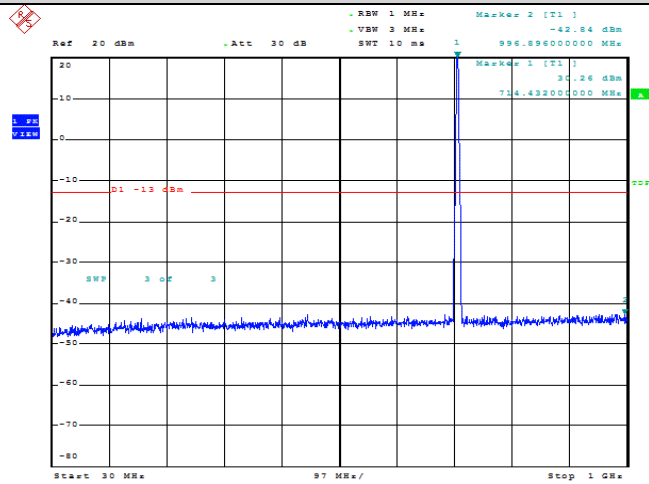


Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



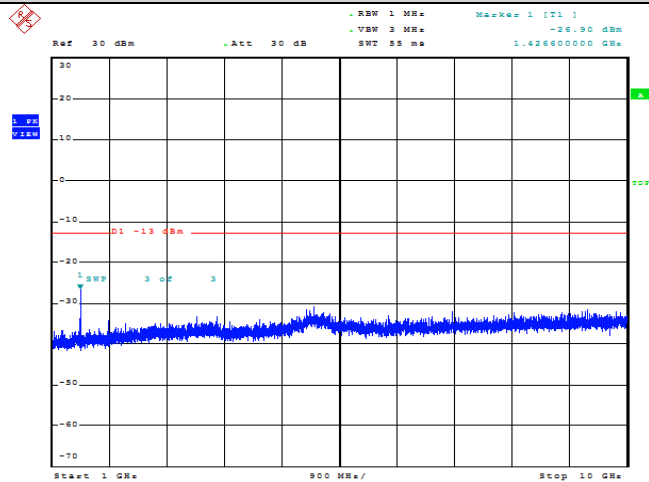
Date: 16.JUL.2021 16:43:24

Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



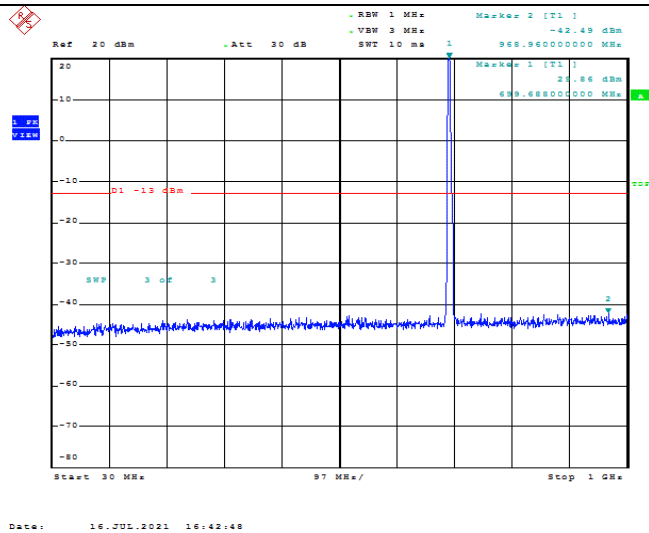
Date: 16.JUL.2021 16:44:02

Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz

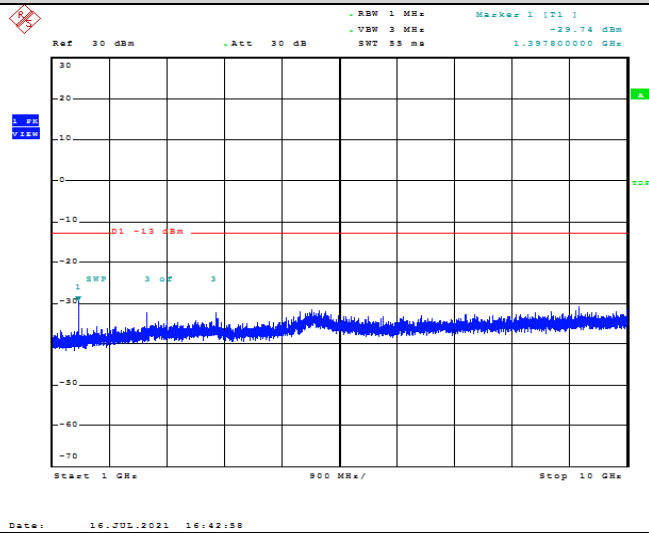


Date: 16.JUL.2021 16:44:12

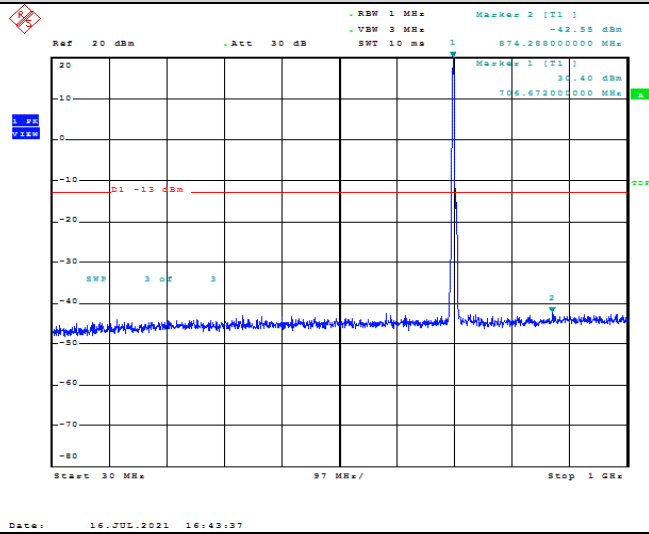
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



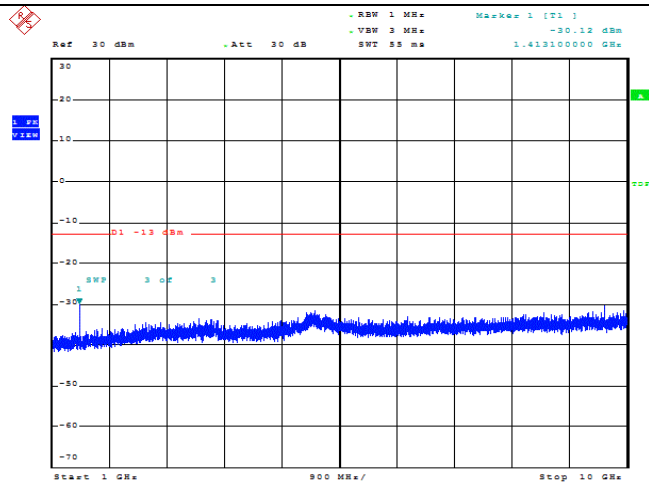
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz

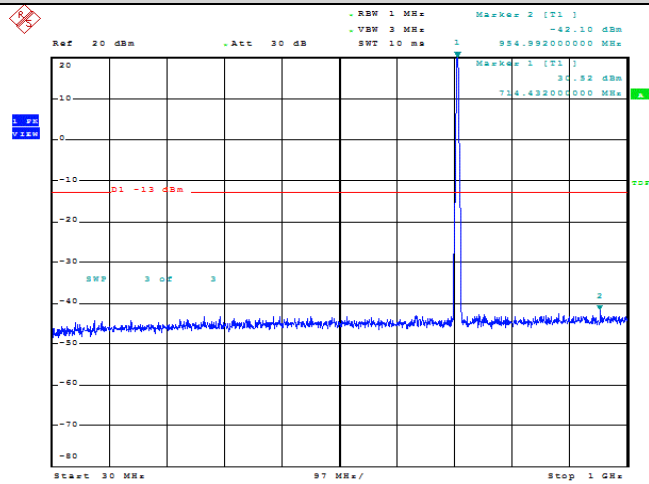


Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



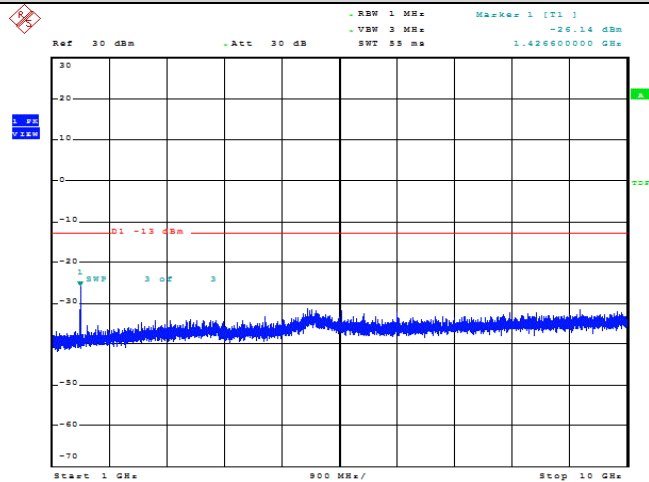
Date: 16.JUL.2021 16:43:47

Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



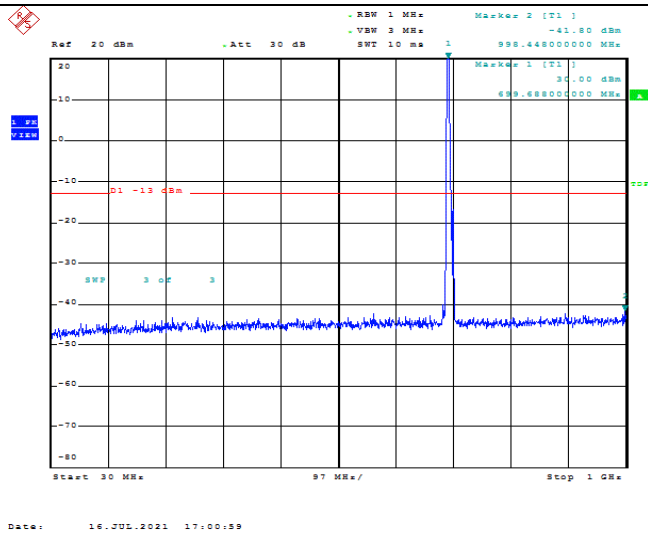
Date: 16.JUL.2021 16:44:25

Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz

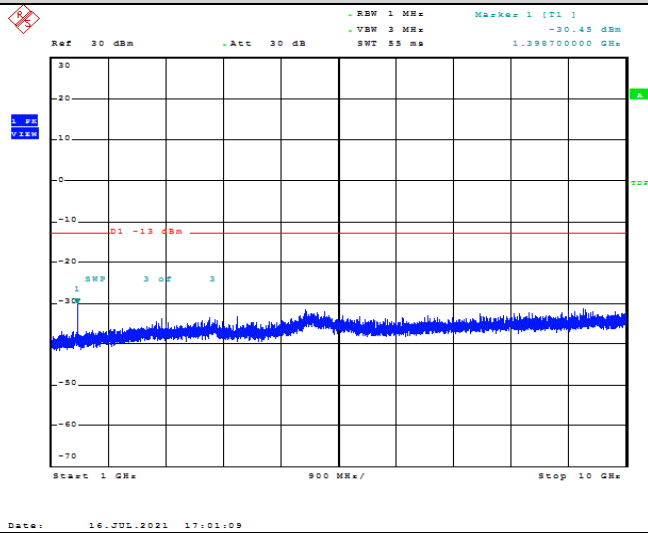


Date: 16.JUL.2021 16:44:35

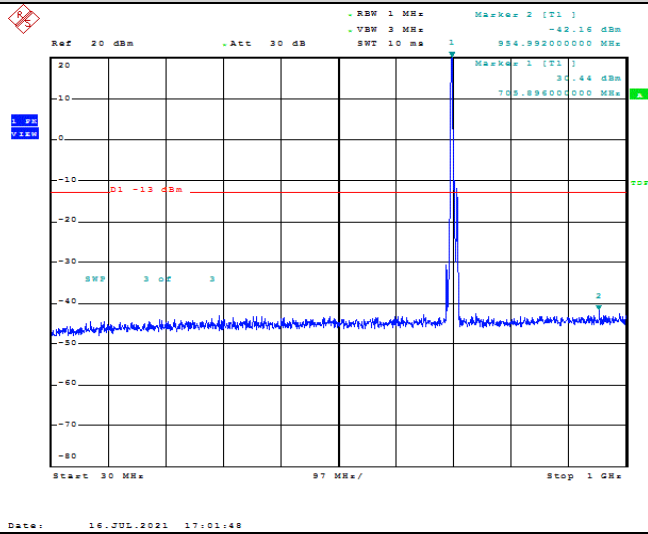
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



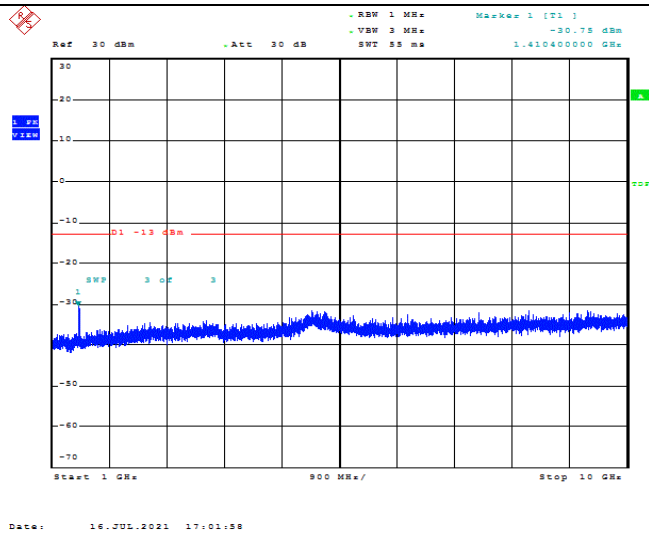
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



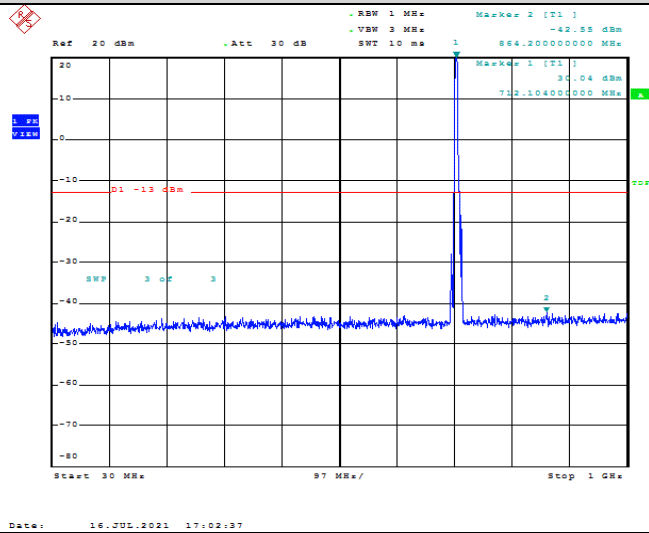
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



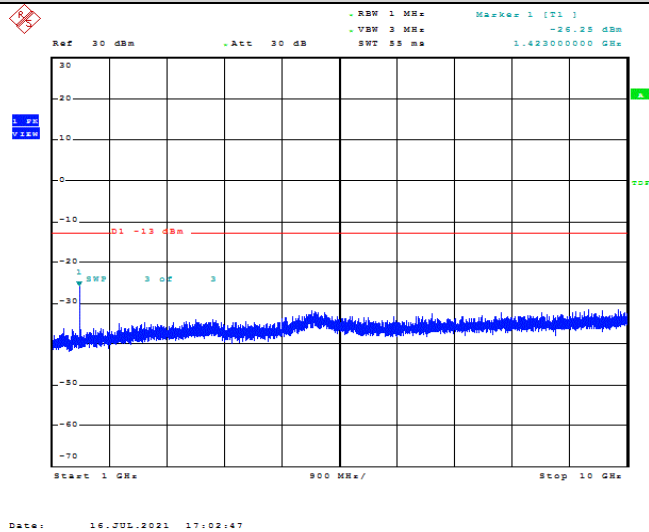
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



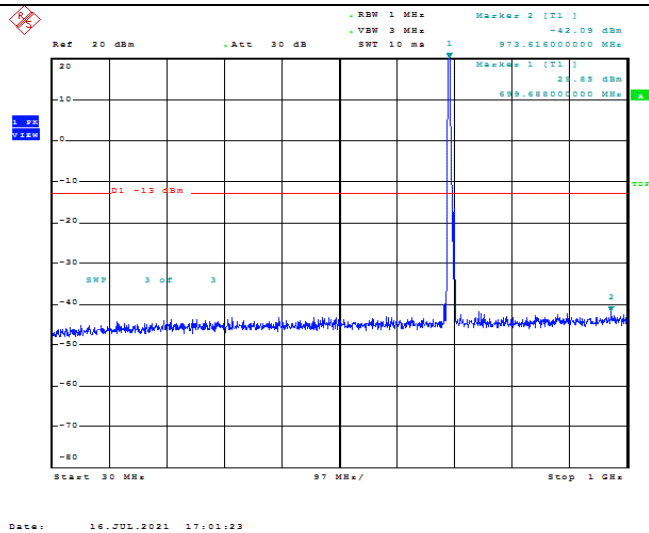
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



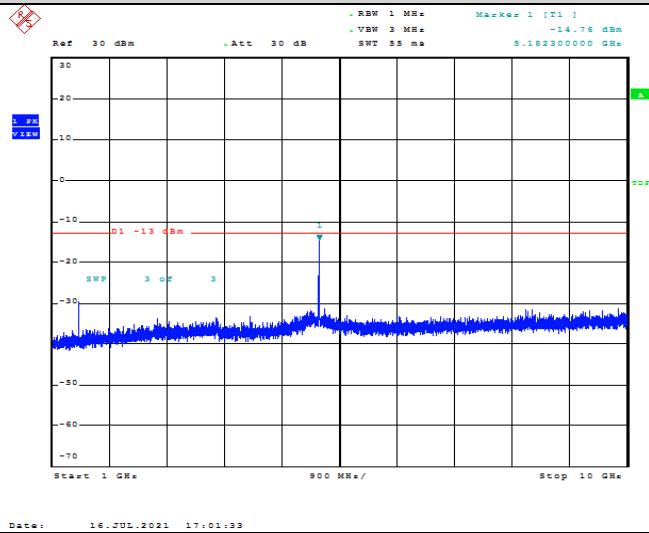
Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



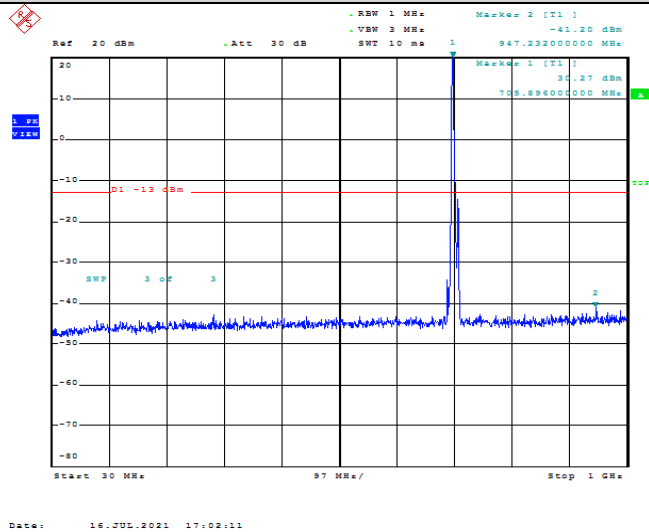
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



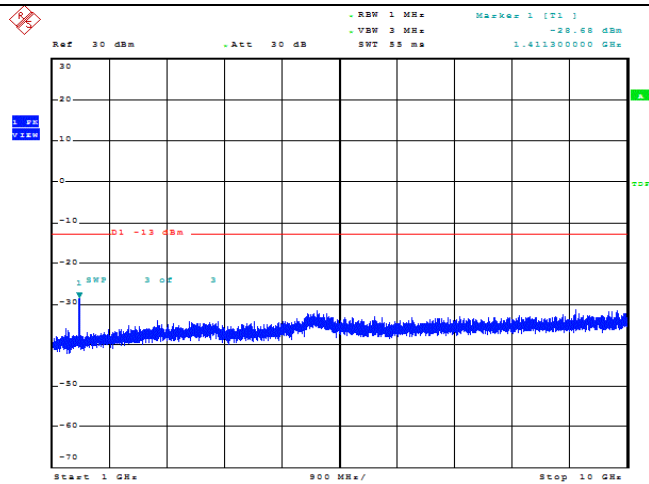
Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz

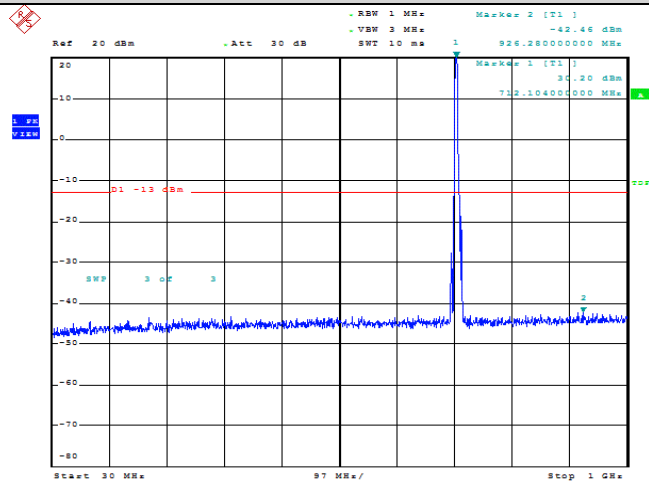


Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



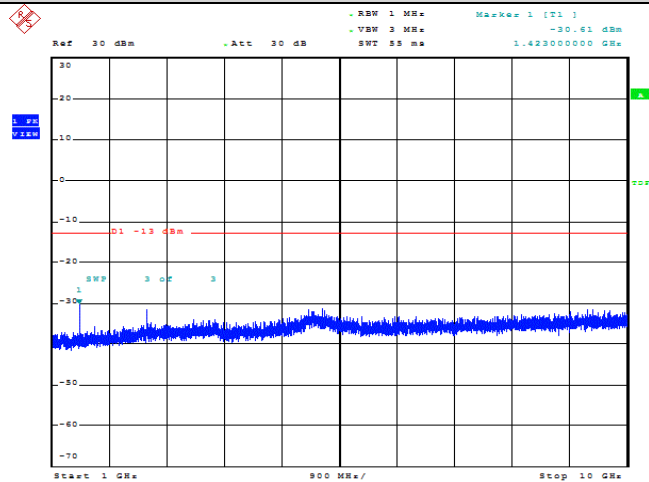
Date: 16.JUL.2021 17:02:21

Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



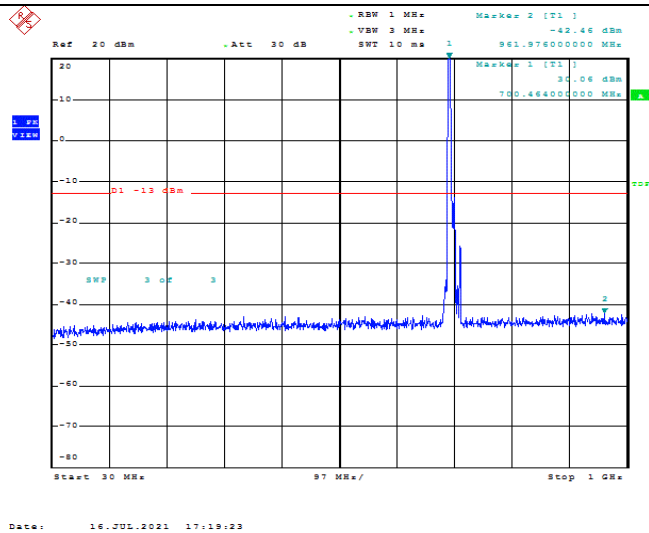
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Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz

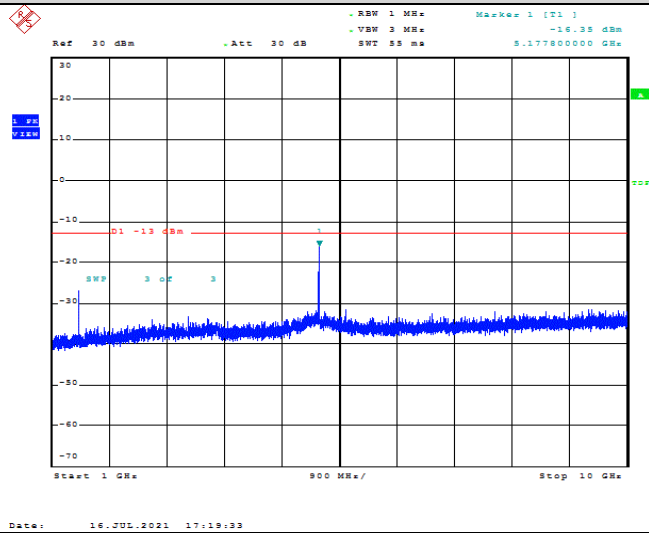


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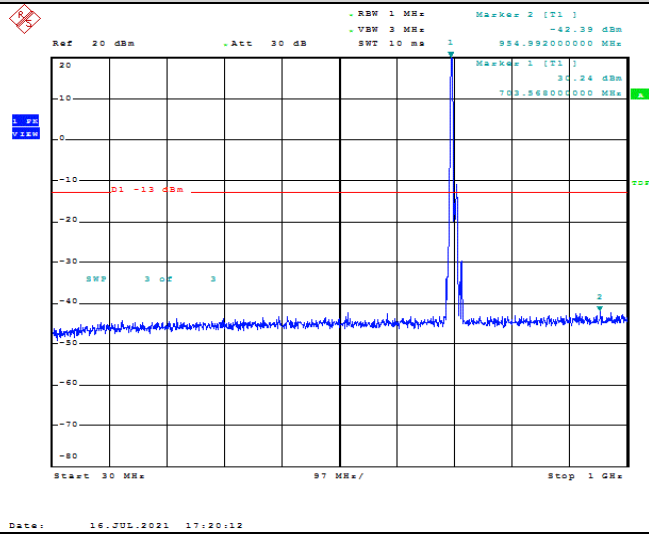
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



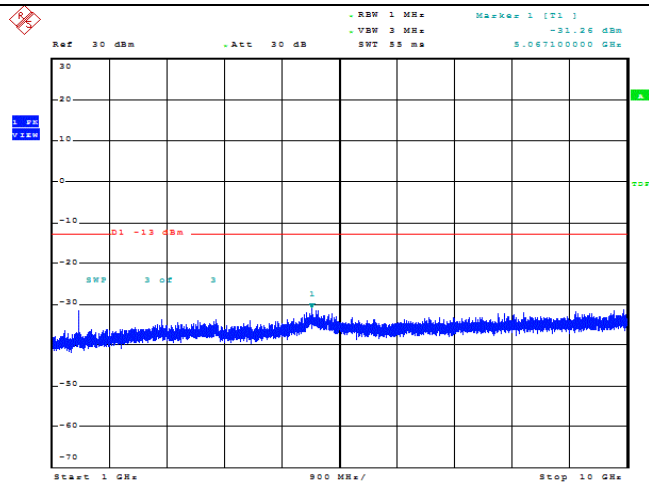
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

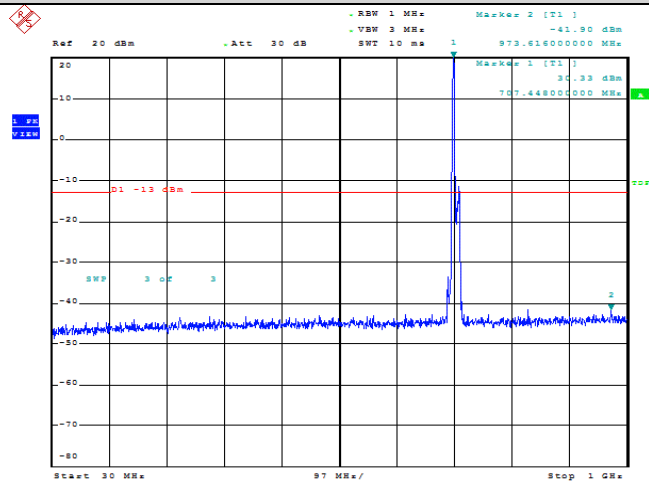


Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



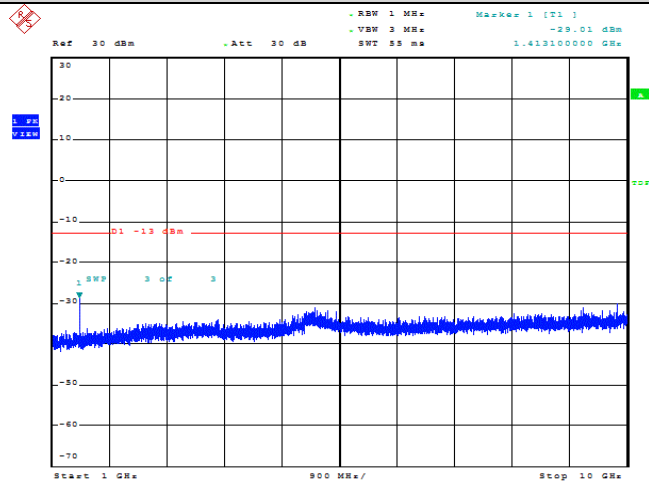
Date: 16.JUL.2021 17:20:22

Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



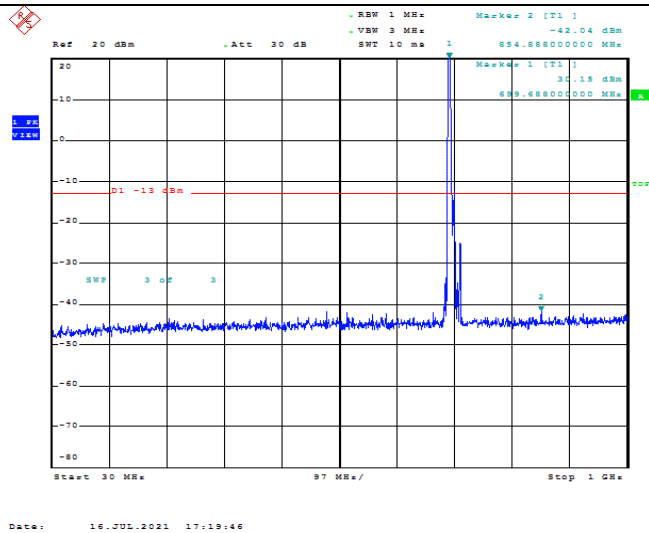
Date: 16.JUL.2021 17:21:00

Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz

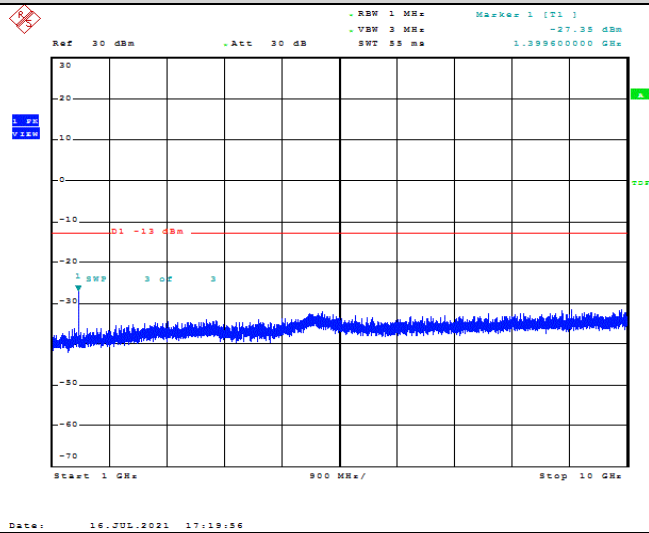


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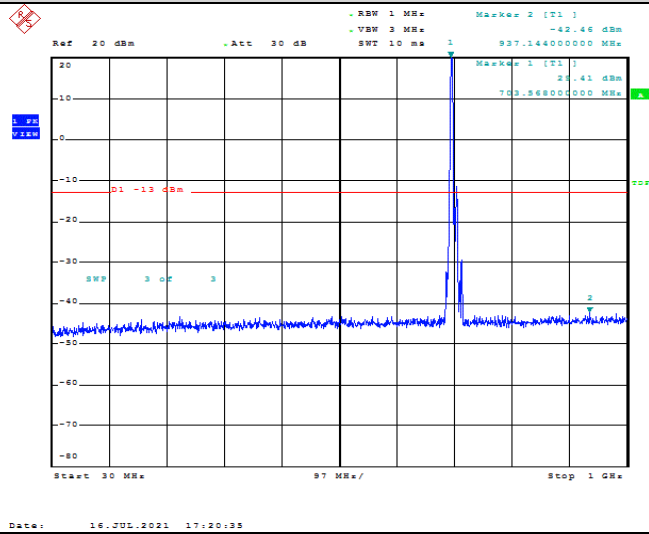
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



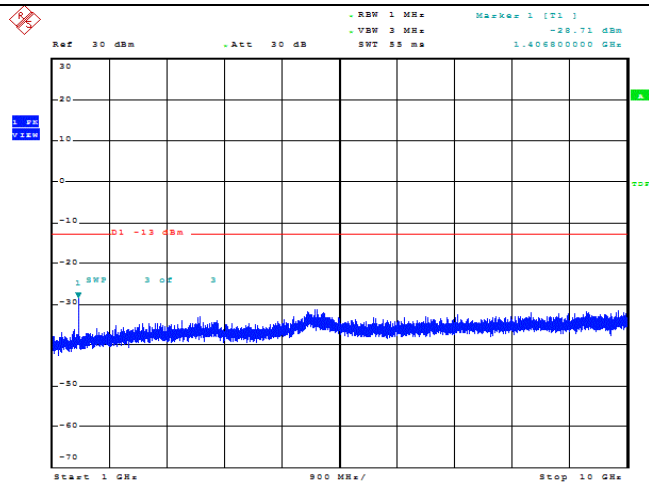
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz

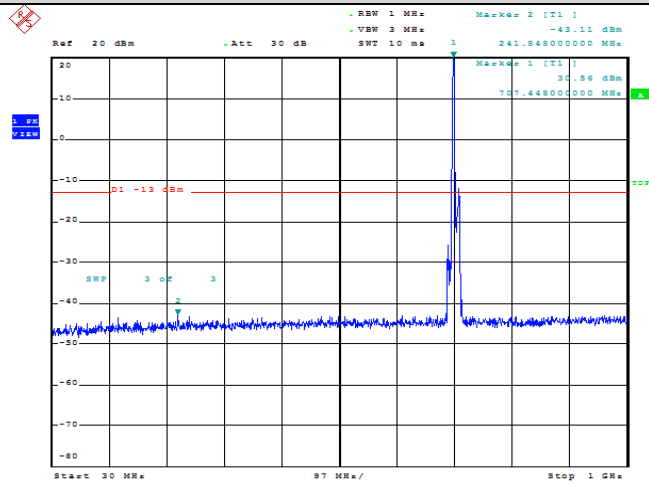


Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



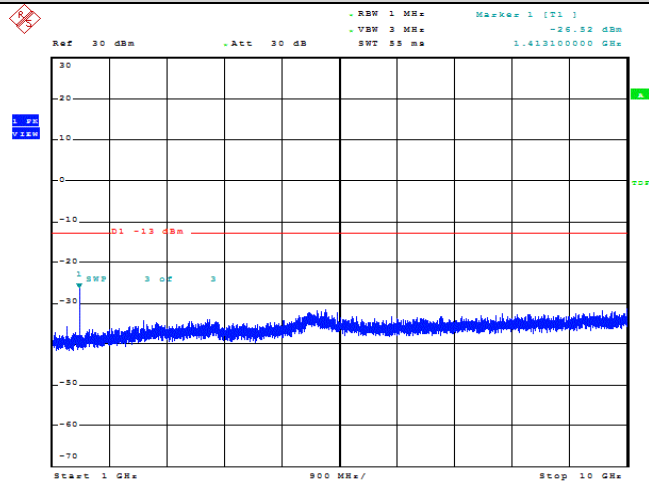
Date: 16.JUL.2021 17:20:45

Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



Date: 16.JUL.2021 17:21:23

Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~10000MHz



Date: 16.JUL.2021 17:21:33

1.6. Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-2.50	-0.003573	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	2.19	0.003130	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-1.46	-0.002087	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	1.19	0.001682	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-2.80	-0.003958	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-3.26	-0.004608	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-3.02	-0.004222	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-1.34	-0.001873	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-2.89	-0.004040	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	1.37	0.001958	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-1.33	-0.001901	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	1.77	0.002530	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-2.22	-0.003138	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	-2.12	-0.002996	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-1.87	-0.002643	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-2.00	-0.002796	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-3.30	-0.004613	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	1.60	0.002237	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	-2.53	-0.003612	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-3.33	-0.004754	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	-3.52	-0.005025	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	2.03	0.002869	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-2.75	-0.003887	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-2.66	-0.003760	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	1.10	0.001540	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	1.56	0.002183	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	-1.96	-0.002743	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	1.06	0.001513	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-3.82	-0.005453	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	-2.63	-0.003754	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	-3.45	-0.004876	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	-2.45	-0.003463	±2.5	PASS

Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-1.67	-0.002360	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	-2.55	-0.003569	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	-1.75	-0.002449	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	-2.25	-0.003149	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-2.73	-0.003892	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	2.98	0.004248	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	-1.56	-0.002224	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-0.96	-0.001357	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-2.12	-0.002996	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-3.13	-0.004424	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-2.09	-0.002929	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-2.17	-0.003041	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	-2.95	-0.004135	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	1.50	0.002138	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-2.92	-0.004163	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-1.67	-0.002381	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-2.89	-0.004085	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	-2.25	-0.003180	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	-3.29	-0.004650	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	1.02	0.001430	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-2.10	-0.002943	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-1.12	-0.001570	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-4.69	-0.006662	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	-3.05	-0.004332	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-3.05	-0.004332	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	2.07	0.002926	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-1.37	-0.001936	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-2.78	-0.003929	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-4.09	-0.005752	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-2.95	-0.004149	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-1.23	-0.001730	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	-3.88	-0.005511	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	2.69	0.003821	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	1.86	0.002642	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	-3.09	-0.004367	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-4.43	-0.006261	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-3.06	-0.004325	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-3.39	-0.004768	±2.5	PASS

Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-2.35	-0.003305	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	5.35	0.007525	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-1.60	-0.002287	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	1.75	0.002501	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-3.19	-0.004559	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	-1.86	-0.002658	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	-2.37	-0.003387	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	45	1.83	0.002615	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-3.39	-0.004792	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	1.26	0.001781	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-2.56	-0.003618	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-1.14	-0.001611	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-3.02	-0.004269	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	45	-3.32	-0.004693	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-3.45	-0.004823	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-3.50	-0.004893	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-1.42	-0.001985	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	30	-1.75	-0.002447	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	40	-2.52	-0.003523	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	45	0.93	0.001300	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	2.03	0.002901	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-3.02	-0.004316	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	1.77	0.002530	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	30	-2.32	-0.003316	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	40	-1.93	-0.002758	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	45	1.06	0.001515	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-2.26	-0.003194	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-2.37	-0.003350	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	2.12	0.002996	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	30	-2.25	-0.003180	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	40	-2.36	-0.003336	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	45	-2.16	-0.003053	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-2.29	-0.003201	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-3.03	-0.004236	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	1.53	0.002139	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	30	-1.95	-0.002726	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	40	-2.59	-0.003621	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	NV	45	-1.76	-0.002461	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	-2.36	-0.003369	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	-3.13	-0.004468	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	-3.78	-0.005396	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	30	-2.25	-0.003212	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	40	-3.23	-0.004611	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	45	-2.46	-0.003512	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-1.39	-0.001965	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-2.17	-0.003067	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	-3.93	-0.005555	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	1.85	0.002615	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	-1.66	-0.002346	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	45	-2.53	-0.003576	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	2.15	0.003009	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	2.20	0.003079	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	-2.29	-0.003205	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	30	-2.73	-0.003821	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	40	2.43	0.003401	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	45	-1.59	-0.002225	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	-0.89	-0.001271	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	1.49	0.002127	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	-4.18	-0.005967	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	30	-3.10	-0.004425	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	40	-3.53	-0.005039	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	45	-2.90	-0.004140	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	-3.36	-0.004749	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	10	-2.73	-0.003859	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	-1.27	-0.001795	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	30	2.36	0.003336	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	40	-3.06	-0.004325	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	45	1.33	0.001880	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	-2.33	-0.003261	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	-2.43	-0.003401	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	20	-0.96	-0.001344	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	30	1.66	0.002323	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	40	-2.39	-0.003345	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	45	-2.37	-0.003317	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	1.17	0.001668	±2.5	PASS

Band12	5MHz	QPSK	23035	25RB#0	NV	10	-2.15	-0.003065	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	-2.39	-0.003407	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	30	-3.32	-0.004733	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	40	1.70	0.002423	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	45	-1.44	-0.002053	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-2.02	-0.002855	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-3.18	-0.004495	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-4.21	-0.005951	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	-2.09	-0.002954	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	-1.50	-0.002120	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	45	-2.83	-0.004000	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-1.13	-0.001584	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	-2.86	-0.004008	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	-3.25	-0.004555	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	30	-3.29	-0.004611	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	40	-2.32	-0.003252	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	45	-1.87	-0.002621	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	-3.08	-0.004391	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	1.06	0.001511	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	3.22	0.004590	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	30	-2.49	-0.003550	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	40	-2.20	-0.003136	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	45	-3.18	-0.004533	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	2.16	0.003053	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	2.43	0.003435	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	-2.06	-0.002912	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	30	-2.46	-0.003477	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	40	-2.59	-0.003661	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	45	1.82	0.002572	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	2.40	0.003364	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	-1.50	-0.002102	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	1.76	0.002467	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	30	-2.69	-0.003770	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	40	-3.18	-0.004457	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	45	1.97	0.002761	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-2.25	-0.003196	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-2.79	-0.003963	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	2.65	0.003764	±2.5	PASS

Band12	10MHz	QPSK	23060	50RB#0	NV	30	4.32	0.006136	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	4.43	0.006293	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	45	-1.59	-0.002259	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-2.86	-0.004042	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-2.72	-0.003845	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-2.40	-0.003392	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-2.65	-0.003746	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-3.32	-0.004693	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	45	-4.98	-0.007039	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-7.12	-0.010014	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-4.68	-0.006582	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-4.31	-0.006062	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-3.66	-0.005148	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-5.28	-0.007426	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	45	-5.98	-0.008411	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	2.43	0.003452	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	-3.06	-0.004347	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	3.59	0.005099	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	-3.46	-0.004915	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	-2.03	-0.002884	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	45	3.20	0.004545	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	-2.10	-0.002968	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	-3.12	-0.004410	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	-4.78	-0.006756	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	4.48	0.006332	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	3.40	0.004806	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	45	-4.11	-0.005809	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	-2.82	-0.003966	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	-5.78	-0.008129	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	-3.65	-0.005134	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	-3.76	-0.005288	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	-3.96	-0.005570	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	45	1.29	0.001814	±2.5	PASS

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