



Appendix H: Test Data for E-UTRA Band 12

Product Name: Personal Mobile Alarm System
Test Model: PAL 4

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan





H.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.20	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.35	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.28	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.41	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.42	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.46	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.29	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.36	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.42	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.35	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.46	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.48	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.50	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.36	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.96	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.13	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.97	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.19	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.18	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.16	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.16	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.14	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.40	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.24	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.21	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.21	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.19	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.34	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.21	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.45	PASS





Band12	1.4MHz	16QAM	23095	1RB#5	22.15	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.34	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.33	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.31	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.21	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.84	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.94	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.78	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.97	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.96	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.93	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.11	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.30	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.33	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.32	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.30	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.29	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.40	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.31	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.45	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.26	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.25	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.36	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.36	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.31	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.29	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.22	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.97	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.96	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.18	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.15	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.11	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.06	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.34	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.41	PASS





Band12	3MHz	16QAM	23025	1RB#14	22.38	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.37	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.35	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.44	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.43	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.38	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.34	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.29	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.38	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.37	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.36	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.35	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.19	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.06	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.03	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.20	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.17	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.07	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.12	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.34	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.45	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.35	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.38	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.34	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.41	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.37	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.37	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.44	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.19	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.47	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.45	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.40	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.50	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.20	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.27	PASS





Band12	5MHz	QPSK	23155	1RB#24	23.08	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.20	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.23	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.15	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.22	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.28	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.44	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.28	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.38	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.34	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.40	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.43	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.48	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.50	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.33	PASS
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Band12	5MHz	16QAM	23095	25RB#0	21.49	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.14	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.21	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.95	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.26	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.30	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.19	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.29	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.31	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.50	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.23	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.47	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.48	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.49	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.52	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.52	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.52	PASS





Band12	10MHz	QPSK	23095	1RB#49	23.27	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.56	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.56	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.45	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.52	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.42	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.41	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.06	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.31	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.39	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.31	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.37	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.37	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.56	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.31	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.52	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.55	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.50	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.54	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.30	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.40	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.06	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.64	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.63	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.56	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.59	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.22	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.14	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.91	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.45	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.45	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.38	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.37	PASS





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

Test Result

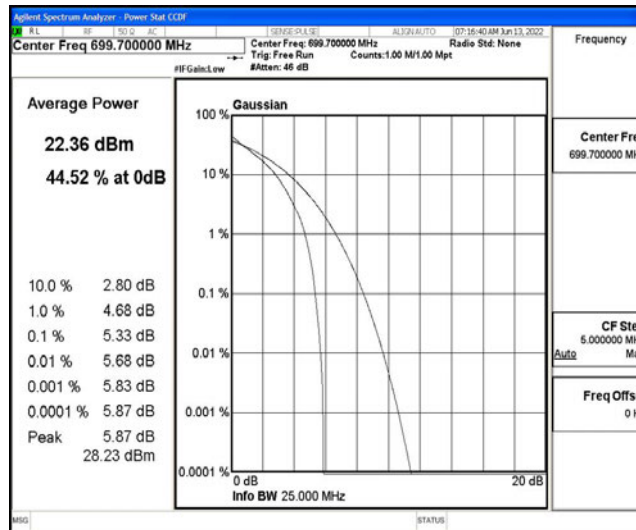
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.33	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.24	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.50	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.17	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.15	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.42	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.38	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.33	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.78	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.31	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.15	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.74	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.33	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.34	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.18	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.17	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.16	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.05	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.46	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.53	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.26	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.32	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.36	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.17	13	PASS



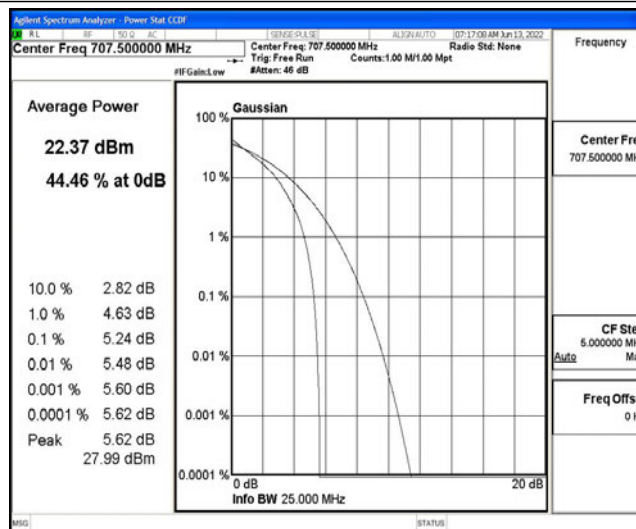


Test Graphs

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

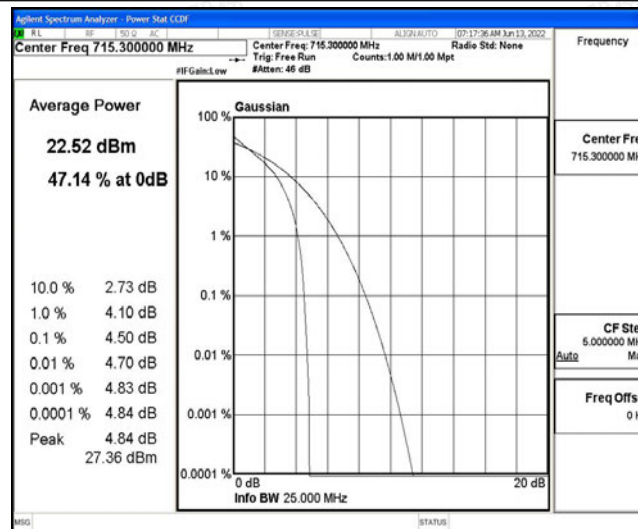


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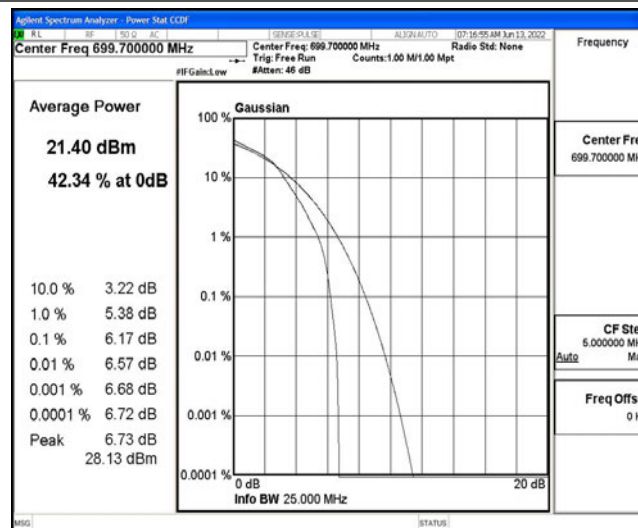


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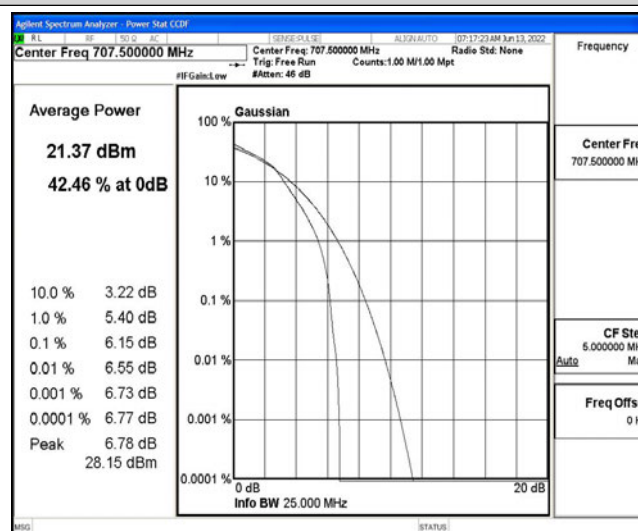




Band12-1.4MHz-16QAM-23017-6RB#0



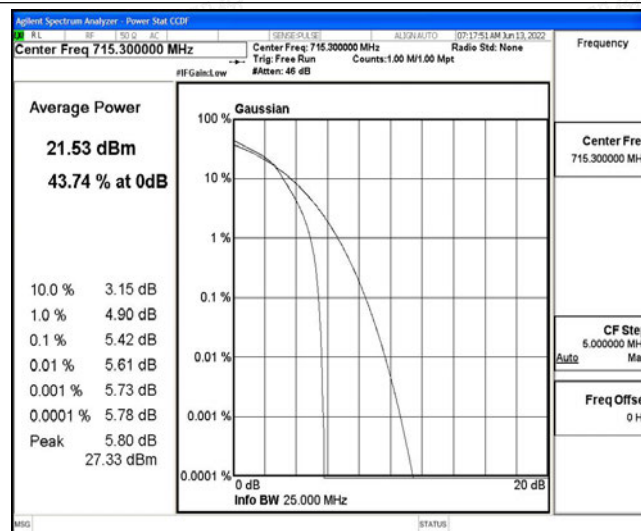
Band12-1.4MHz-16QAM-23095-6RB#0



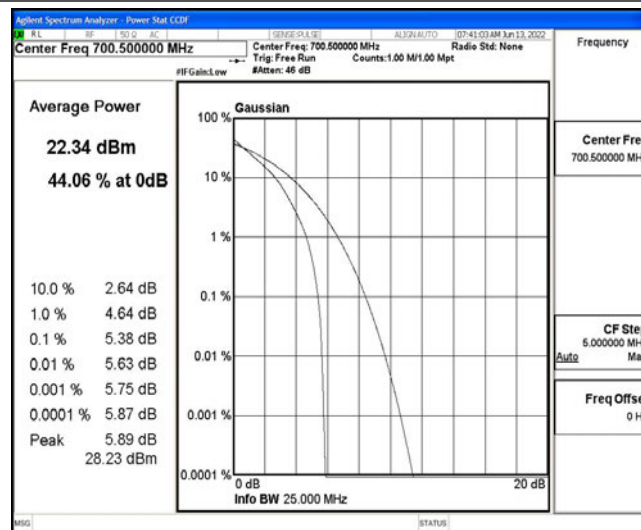
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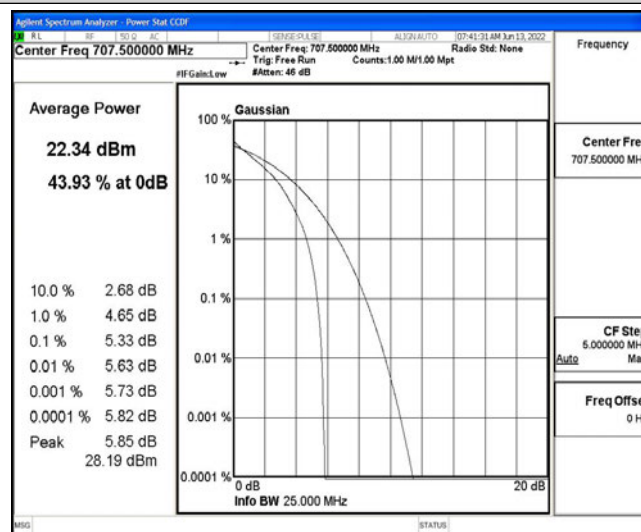
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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



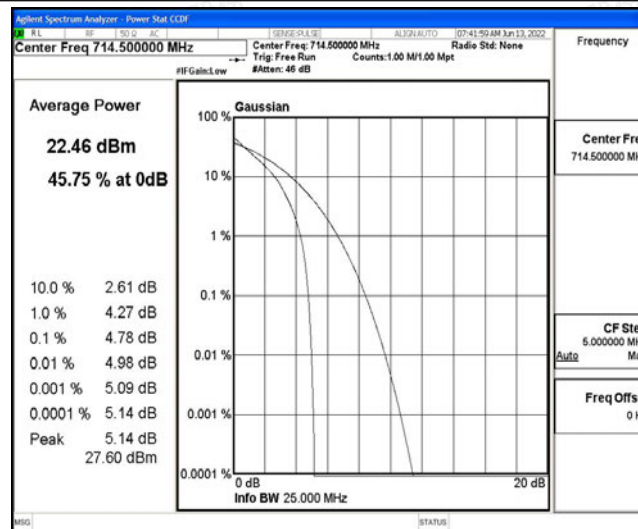
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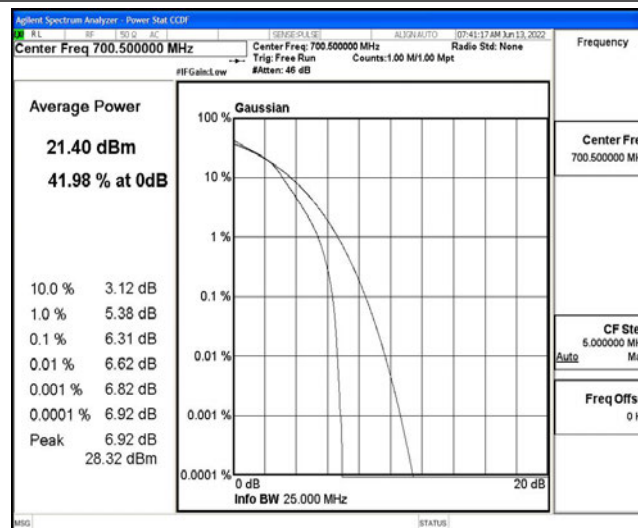
Band12-3MHz-QPSK-23165-15RB#0



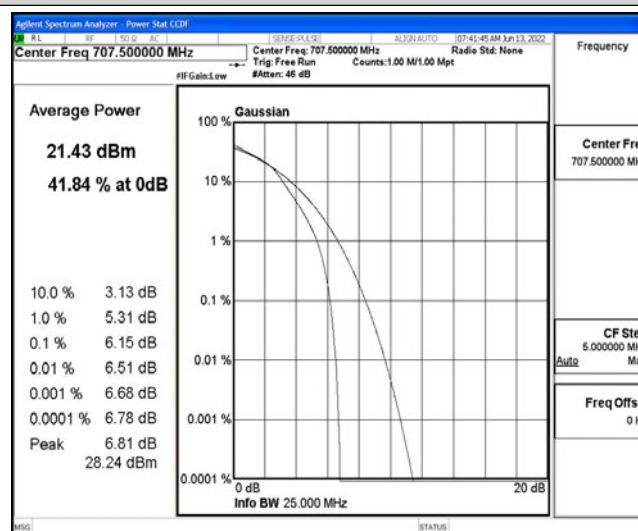
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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



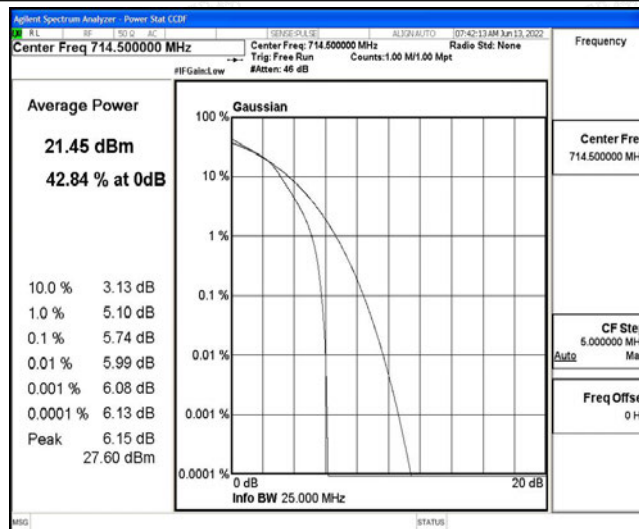
Band12-3MHz-16QAM-23095-15RB#0



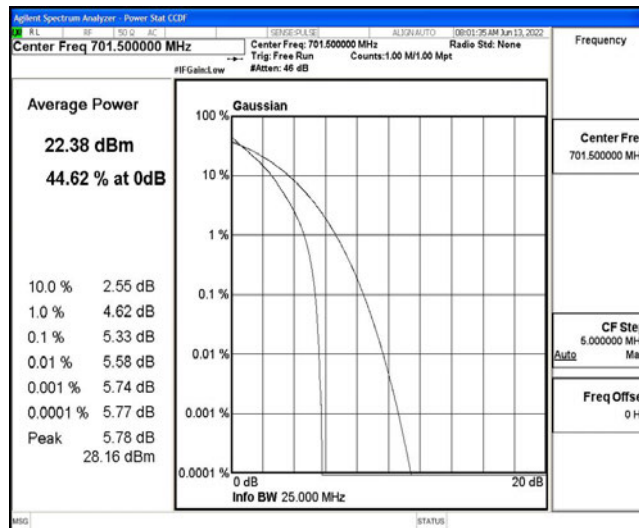
Band12-3MHz-16QAM-23165-15RB#0



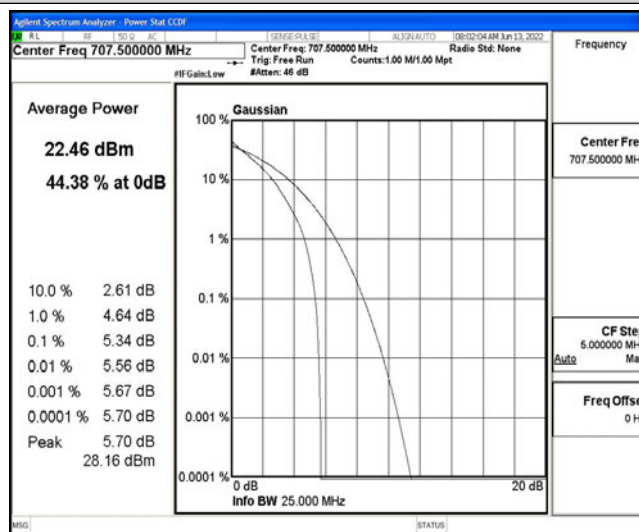
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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

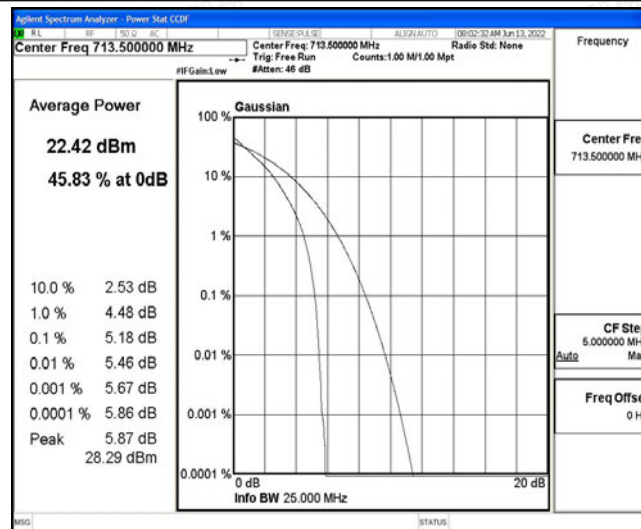


Band12-5MHz-QPSK-23095-25RB#0

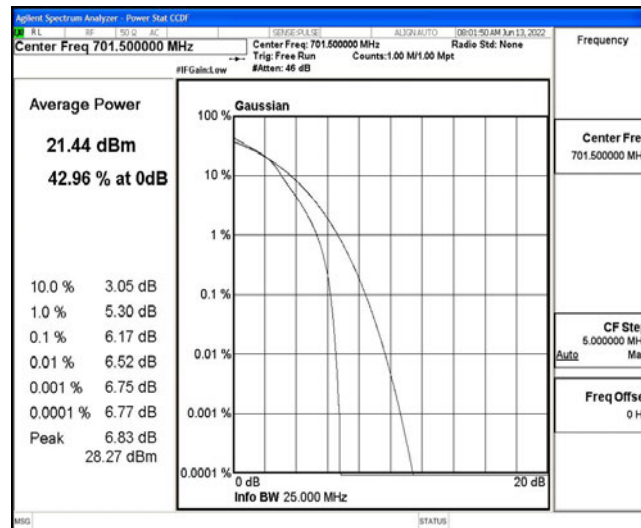


Band12-5MHz-QPSK-23155-25RB#0

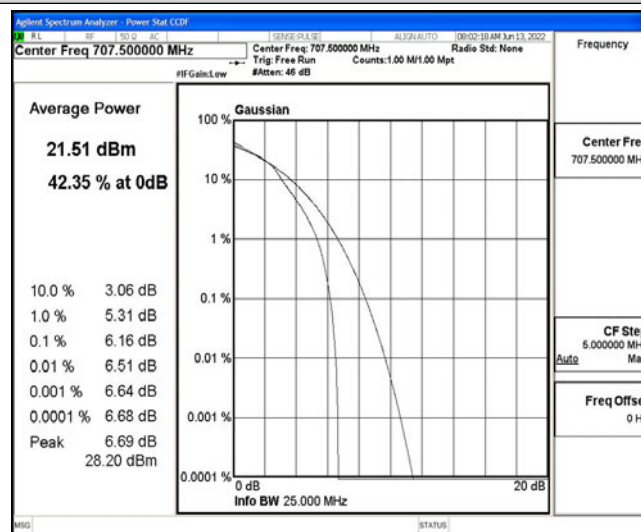




Band12-5MHz-16QAM-23035-25RB#0



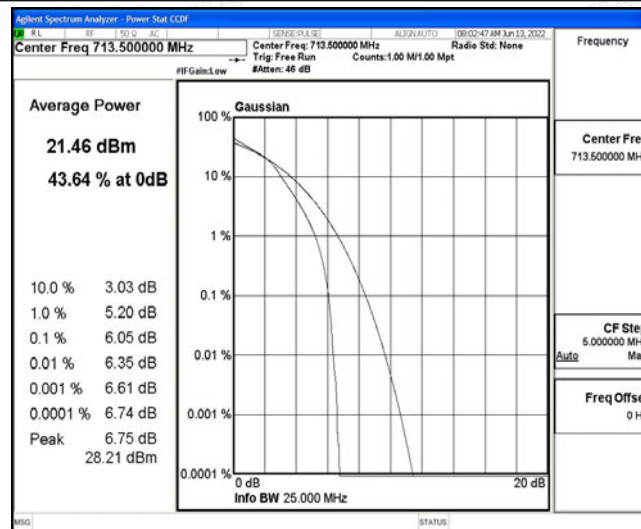
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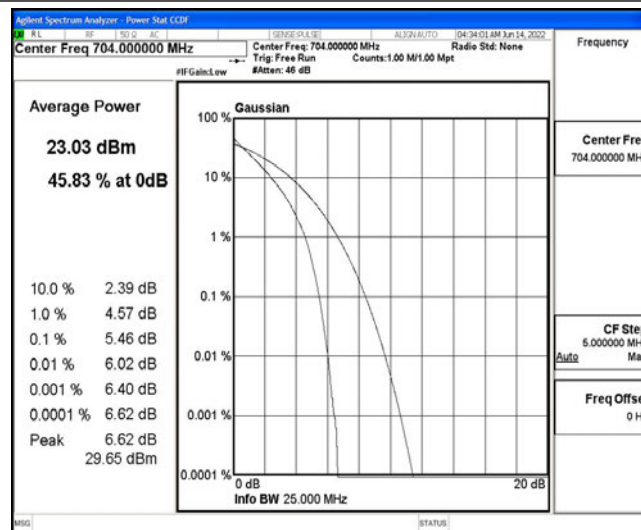
Band12-5MHz-16QAM-23155-25RB#0



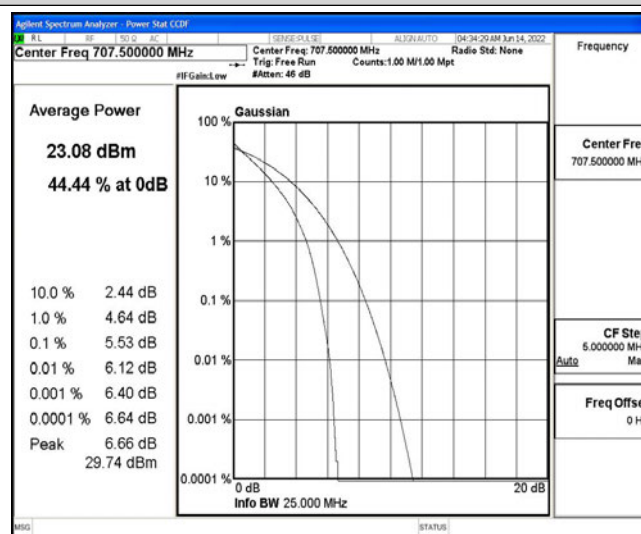
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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



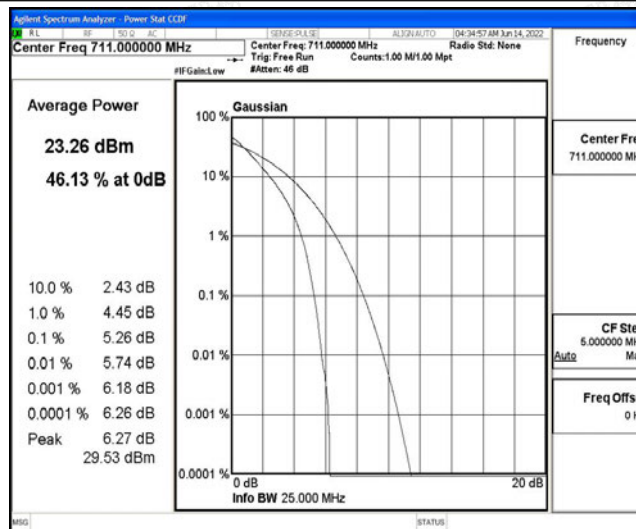
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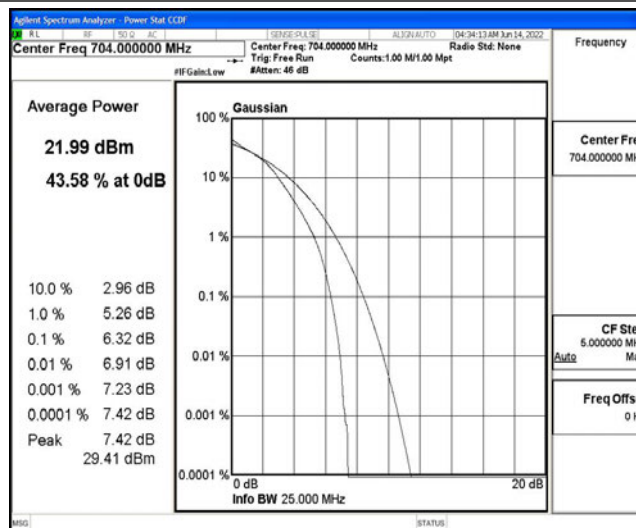
Band12-10MHz-QPSK-23130-50RB#0



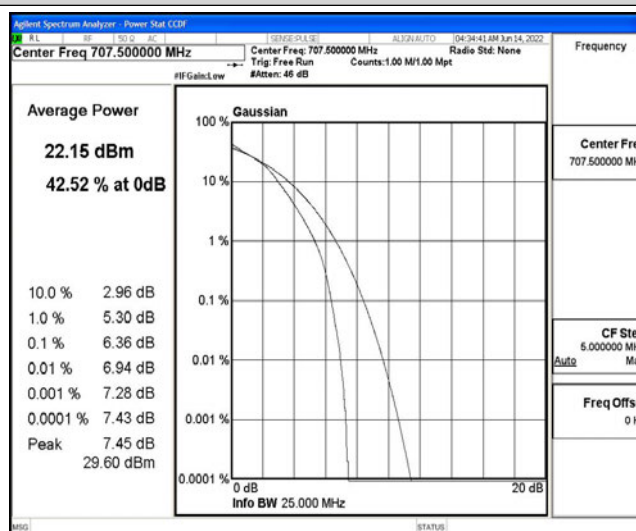
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



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



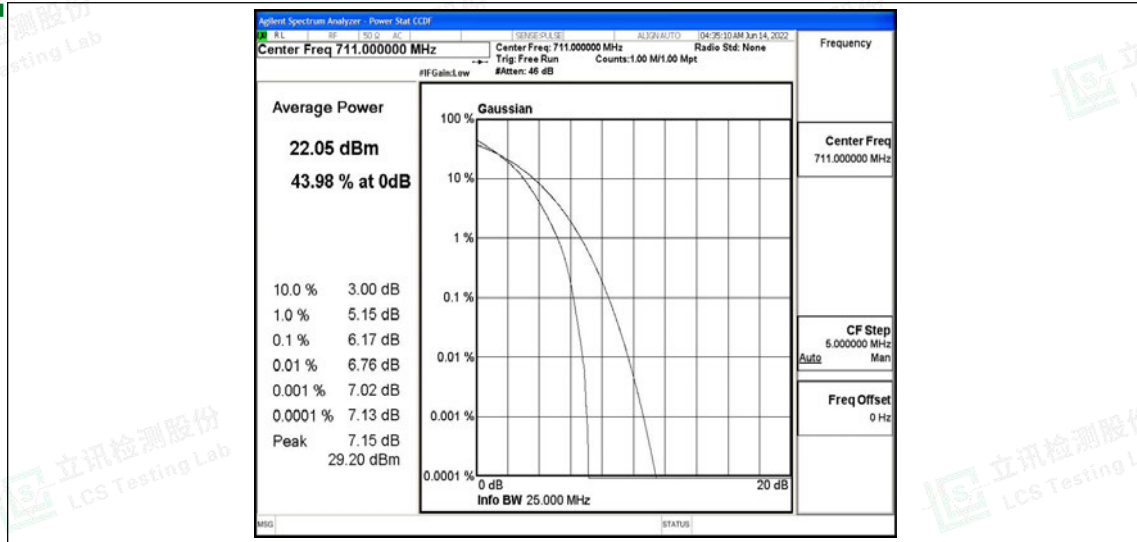
Band12-10MHz-16QAM-23095-50RB#0



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



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H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

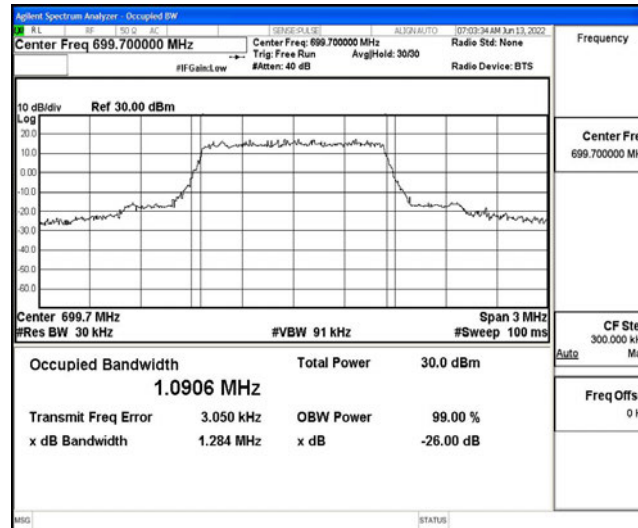
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0906	1.284	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0956	1.286	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0931	1.311	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0958	1.290	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0957	1.280	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0884	1.265	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6921	2.895	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6954	2.885	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6792	2.901	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6807	2.885	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6845	2.893	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6880	2.898	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5176	5.170	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5223	5.176	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5075	5.102	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5071	5.140	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5443	5.214	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5354	5.148	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0077	10.13	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0451	10.08	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9885	10.08	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0051	10.03	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0313	10.12	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9946	9.949	PASS



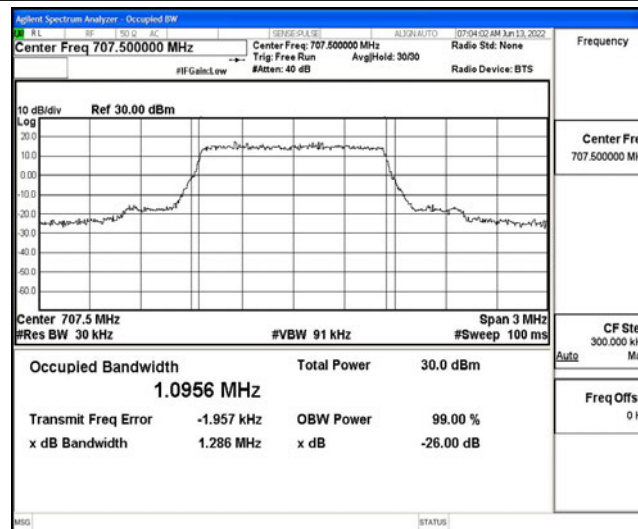


Test Graphs

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

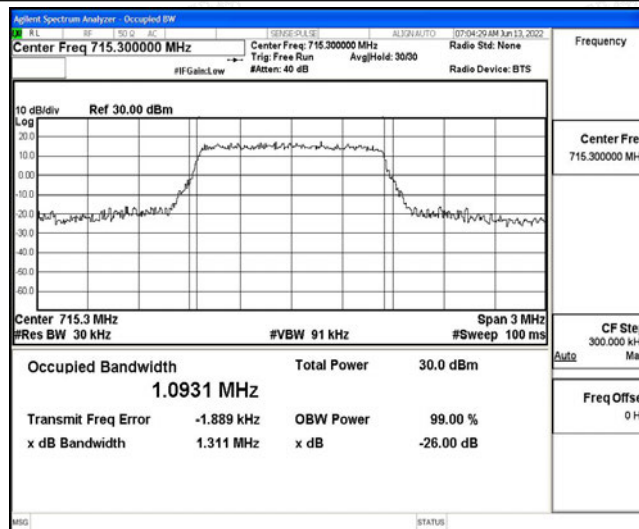


Band12-1.4MHz-QPSK-23095-6RB#0

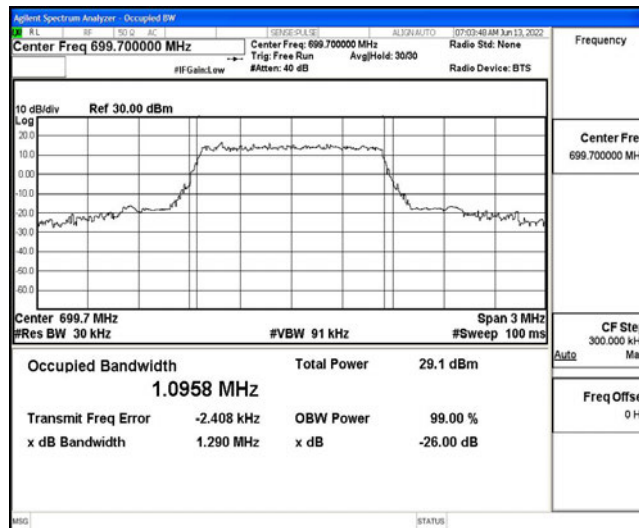


Band12-1.4MHz-QPSK-23173-6RB#0

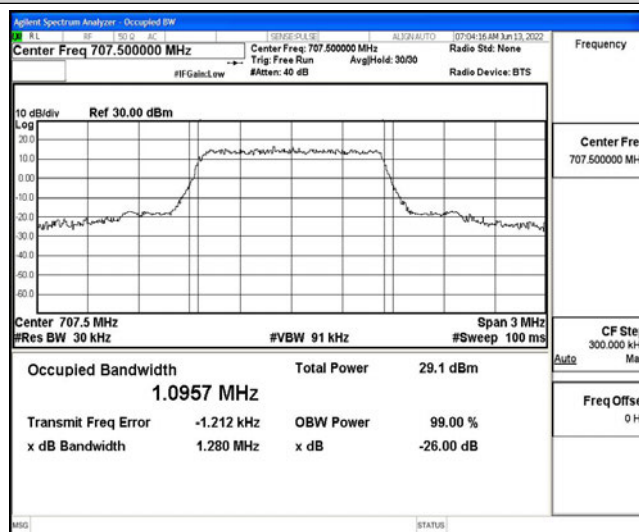




Band12-1.4MHz-16QAM-23017-6RB#0

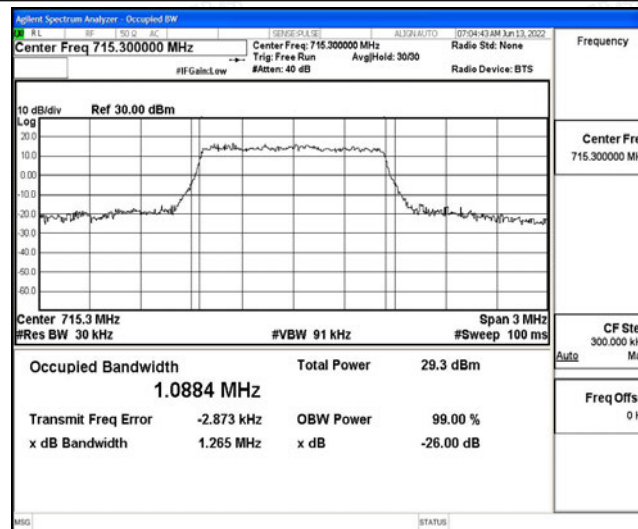


Band12-1.4MHz-16QAM-23095-6RB#0

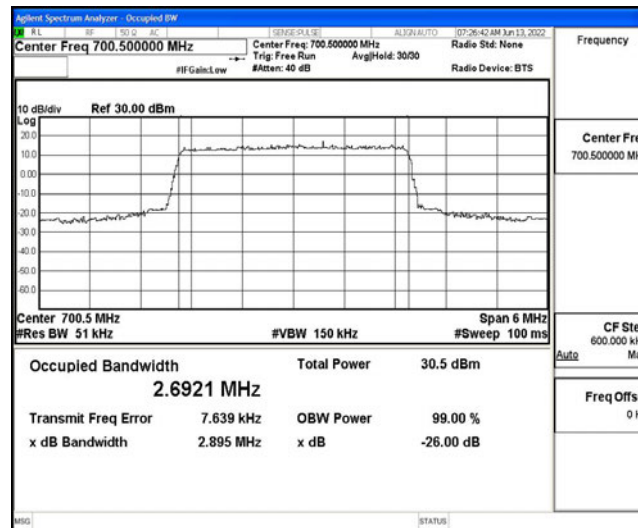


Band12-1.4MHz-16QAM-23173-6RB#0

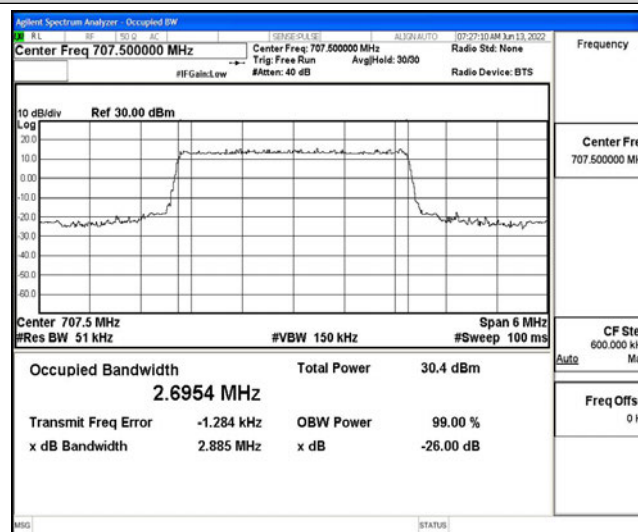




Band12-3MHz-QPSK-23025-15RB#0

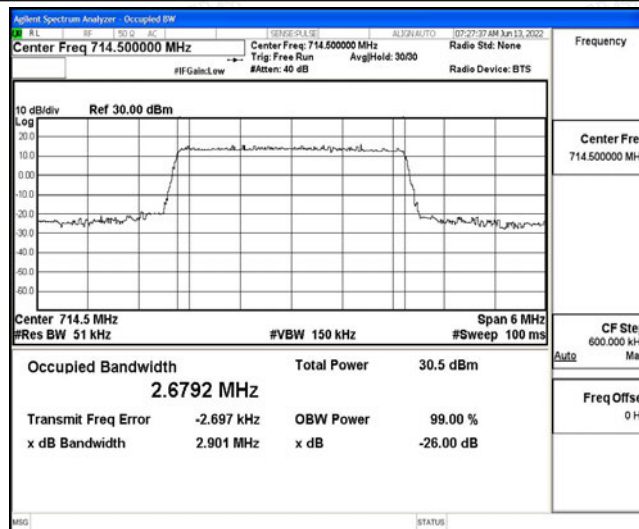


Band12-3MHz-QPSK-23095-15RB#0

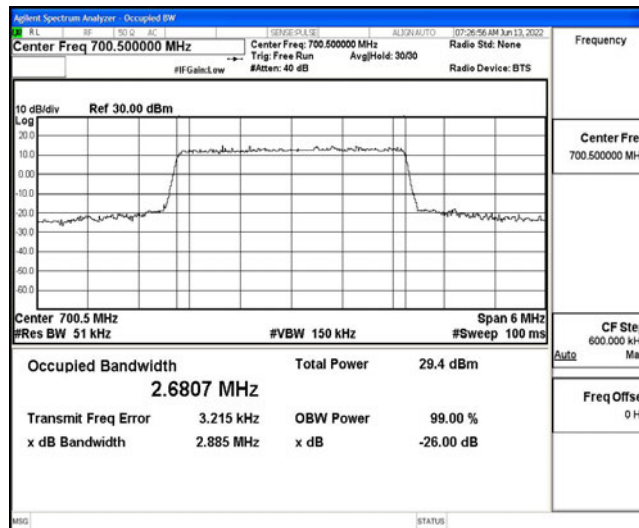


Band12-3MHz-QPSK-23165-15RB#0

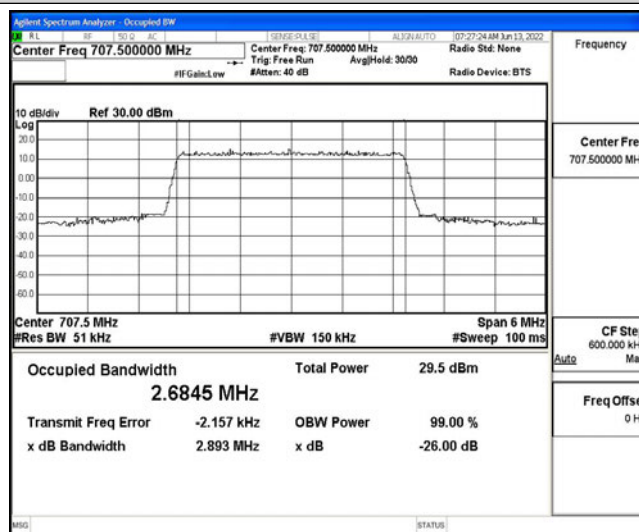




Band12-3MHz-16QAM-23025-15RB#0

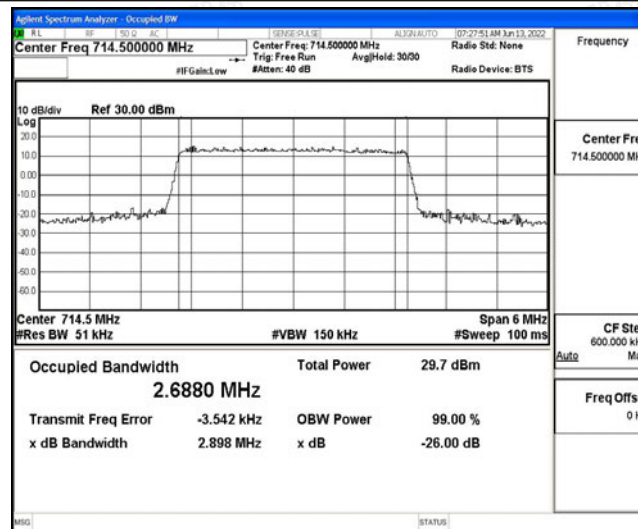


Band12-3MHz-16QAM-23095-15RB#0

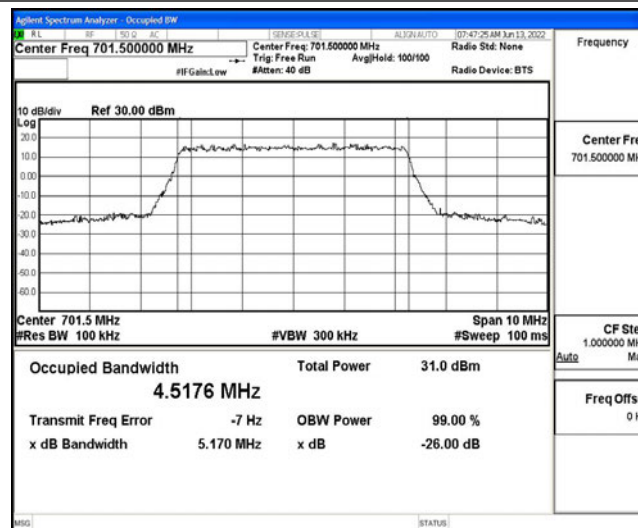


Band12-3MHz-16QAM-23165-15RB#0

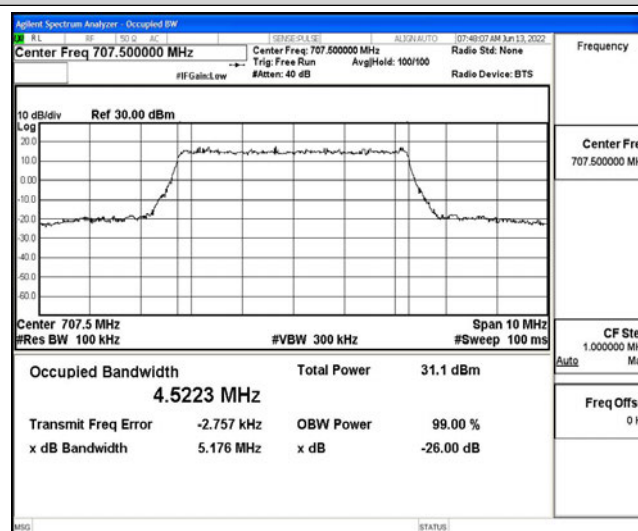




Band12-5MHz-QPSK-23035-25RB#0

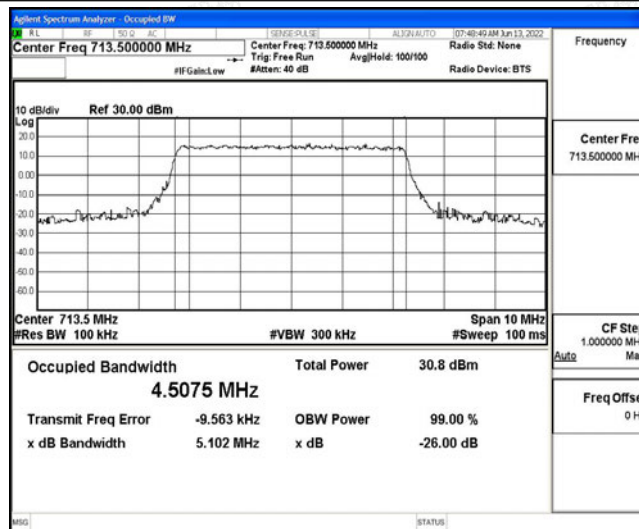


Band12-5MHz-QPSK-23095-25RB#0

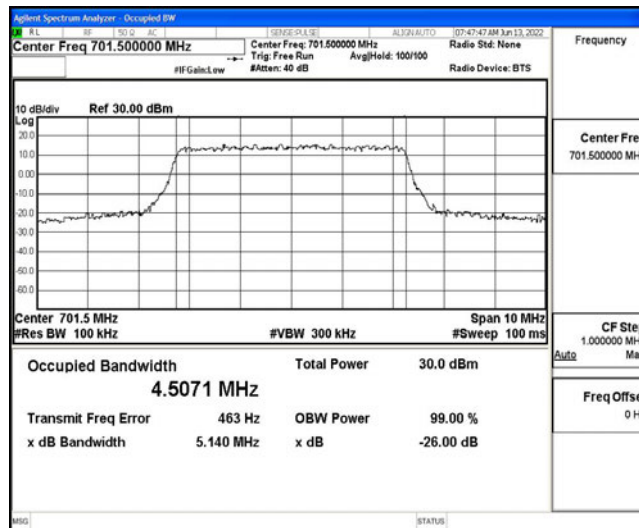


Band12-5MHz-QPSK-23155-25RB#0

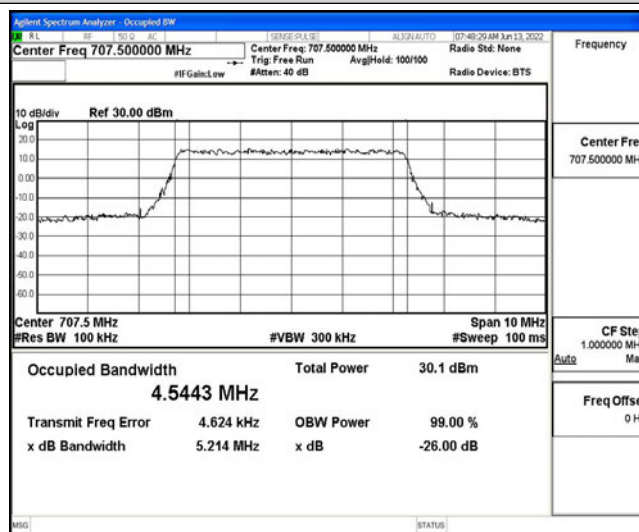




Band12-5MHz-16QAM-23035-25RB#0

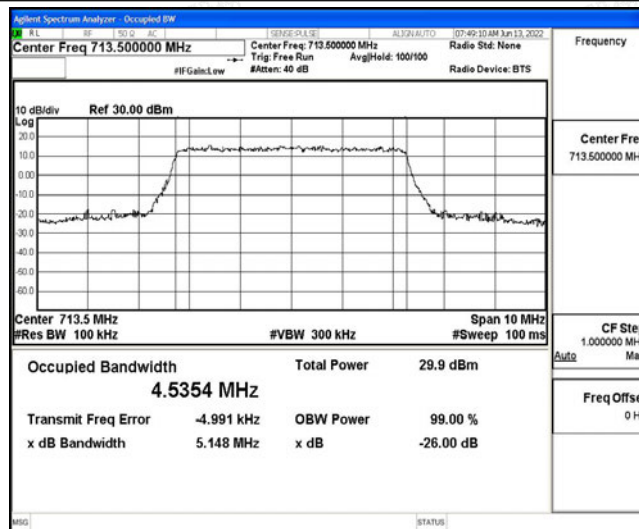


Band12-5MHz-16QAM-23095-25RB#0

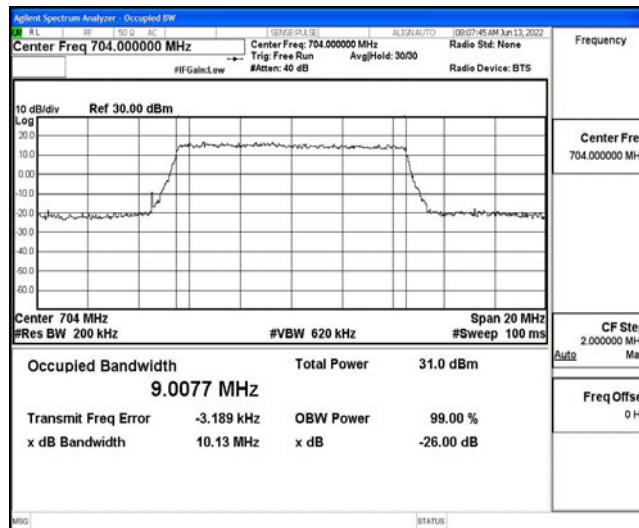


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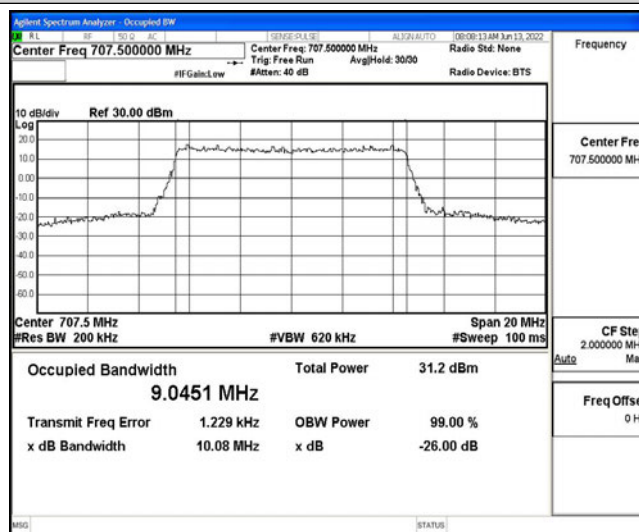




Band12-10MHz-QPSK-23060-50RB#0

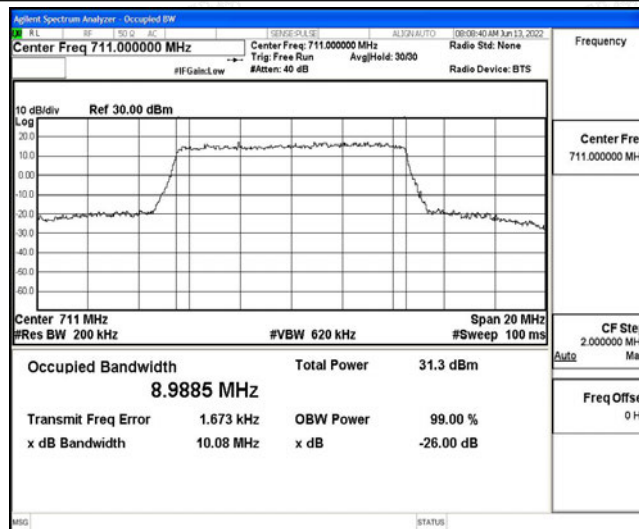


Band12-10MHz-QPSK-23095-50RB#0

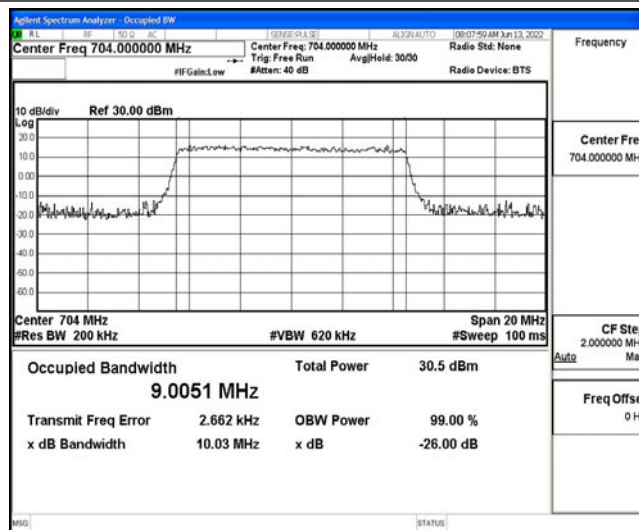


Band12-10MHz-QPSK-23130-50RB#0

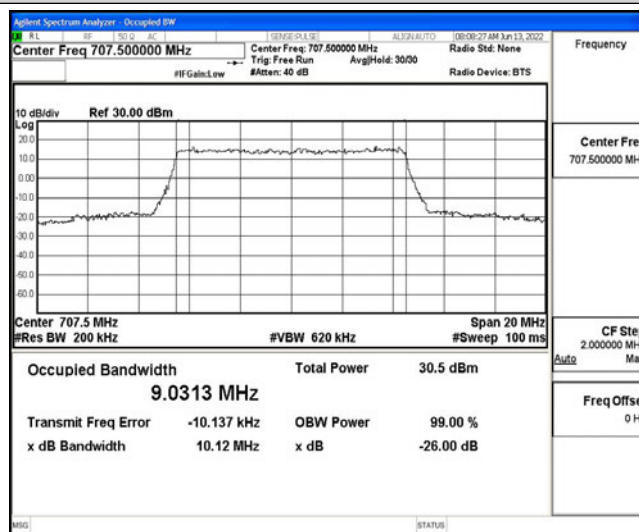




Band12-10MHz-16QAM-23060-50RB#0

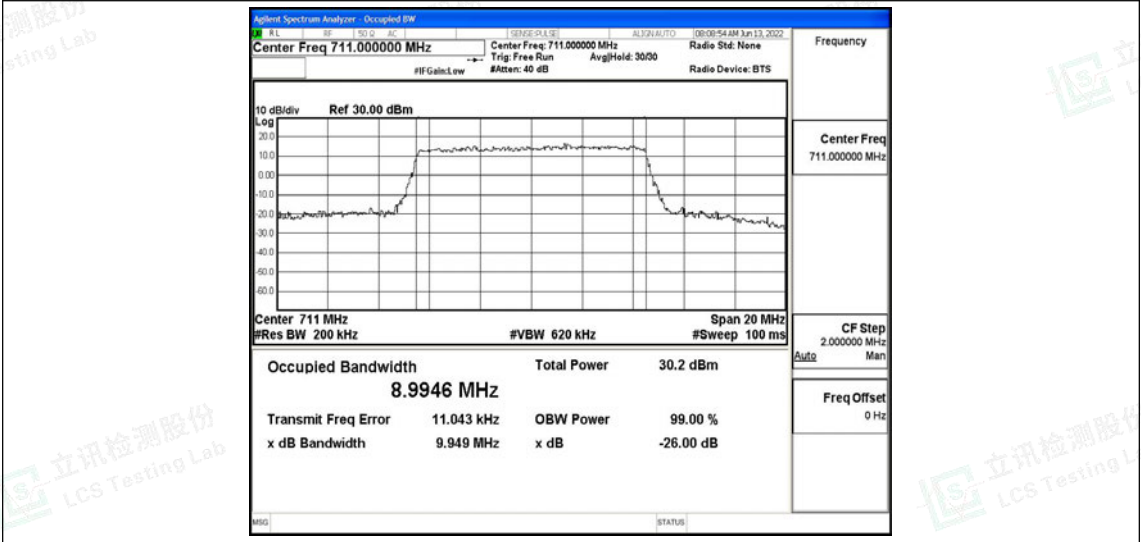


Band12-10MHz-16QAM-23095-50RB#0



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





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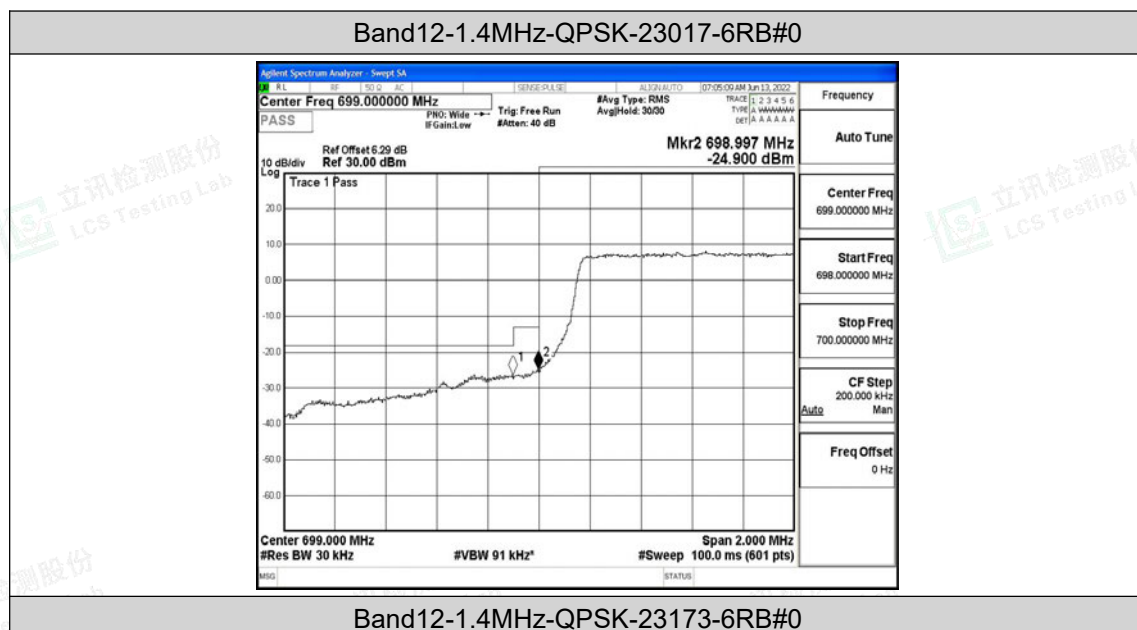


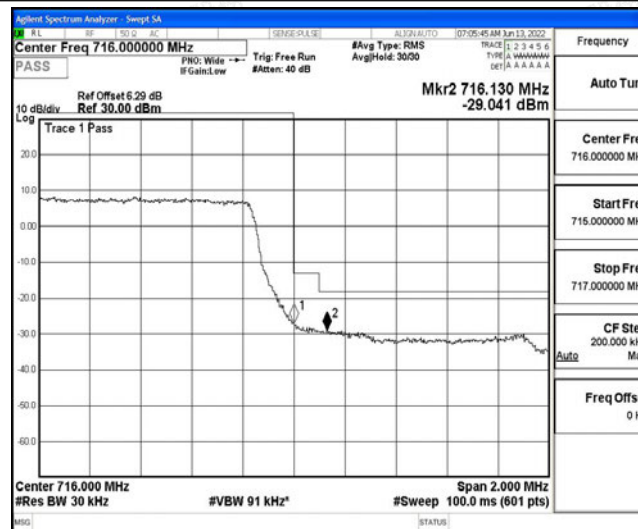
H.4 Band Edge

Test Result

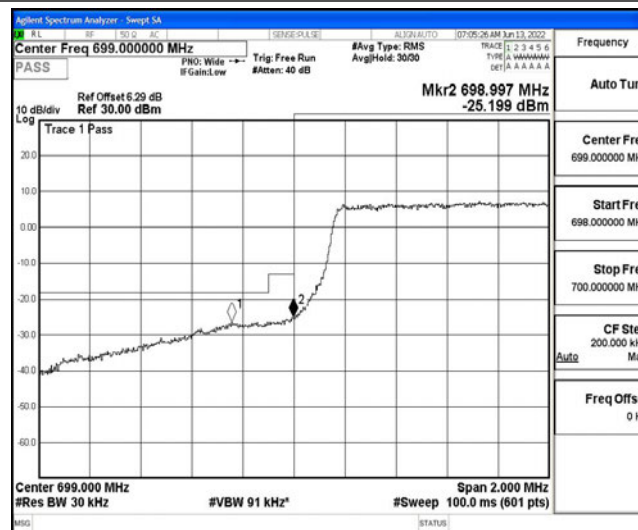
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-26.20,-24.90	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-26.99,-29.04	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-26.32,-25.20	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-26.65,-28.45	PASS
Band12	3MHz	QPSK	23025	15RB#0	-27.63,-26.31	PASS
Band12	3MHz	QPSK	23165	15RB#0	-29.49,-30.75	PASS
Band12	3MHz	16QAM	23025	15RB#0	-28.08,-27.14	PASS
Band12	3MHz	16QAM	23165	15RB#0	-28.89,-30.34	PASS
Band12	5MHz	QPSK	23035	25RB#0	-21.87	PASS
Band12	5MHz	QPSK	23155	25RB#0	-22.67	PASS
Band12	5MHz	16QAM	23035	25RB#0	-23.68	PASS
Band12	5MHz	16QAM	23155	25RB#0	-23.89	PASS
Band12	10MHz	QPSK	23060	50RB#0	-26.48,-25.48	PASS
Band12	10MHz	QPSK	23130	50RB#0	-25.37,-26.42	PASS
Band12	10MHz	16QAM	23060	50RB#0	-27.08,-25.97	PASS
Band12	10MHz	16QAM	23130	50RB#0	-25.78,-26.68	PASS

Test Graphs

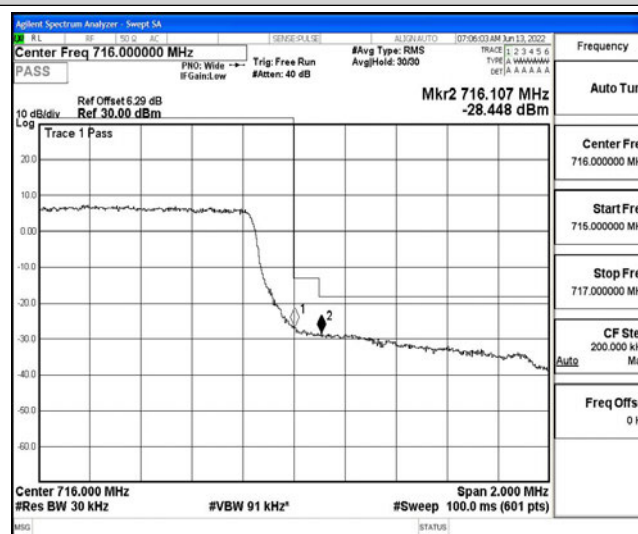




Band12-1.4MHz-16QAM-23017-6RB#0



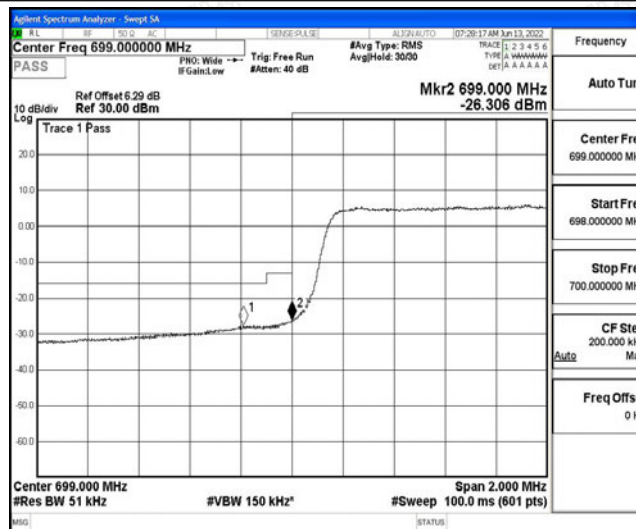
Band12-1.4MHz-16QAM-23173-6RB#0



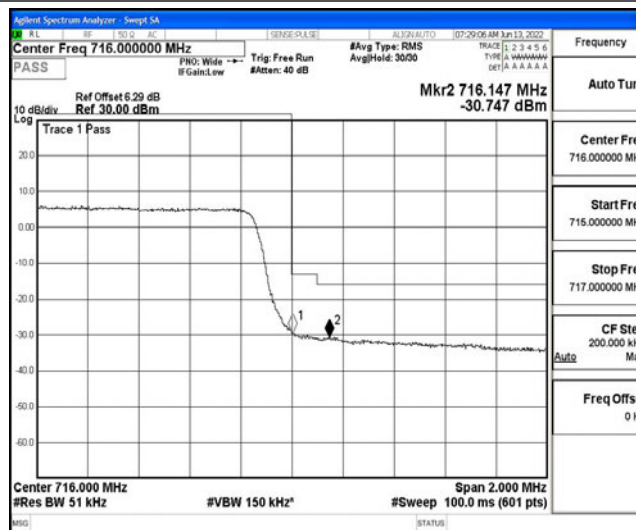
Band12-3MHz-QPSK-23025-15RB#0



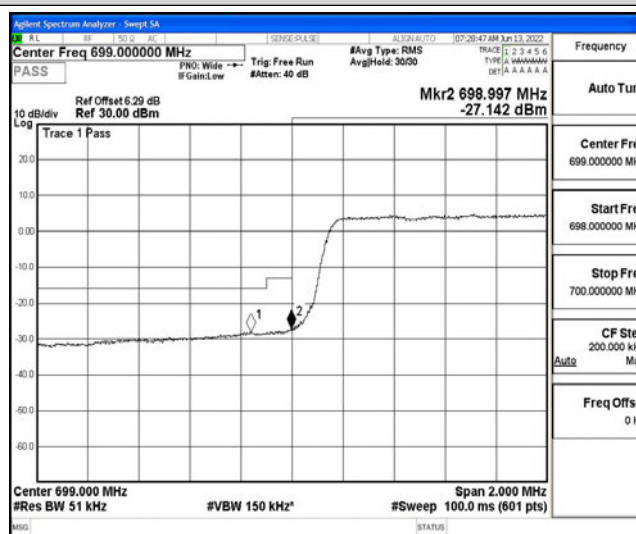
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Band12-3MHz-QPSK-23165-15RB#0

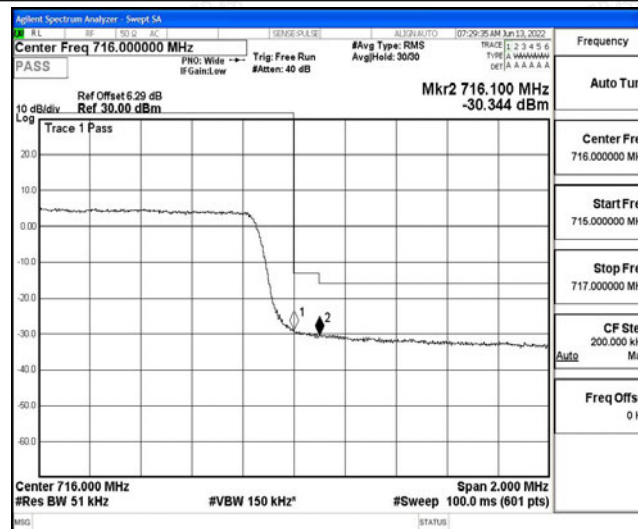


Band12-3MHz-16QAM-23025-15RB#0

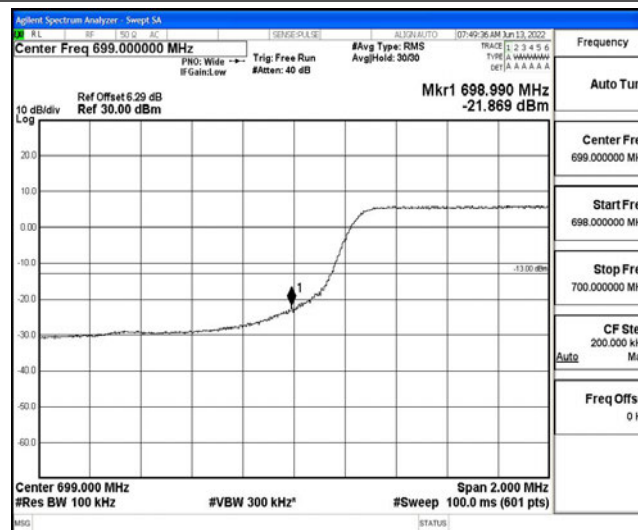


Band12-3MHz-16QAM-23165-15RB#0

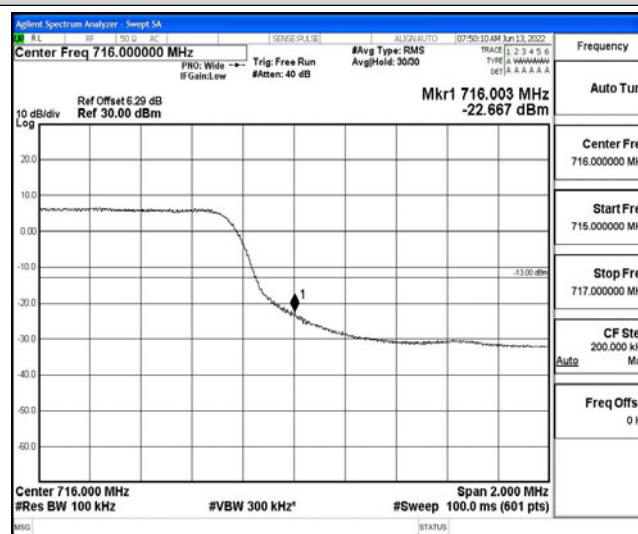




Band12-5MHz-QPSK-23035-25RB#0

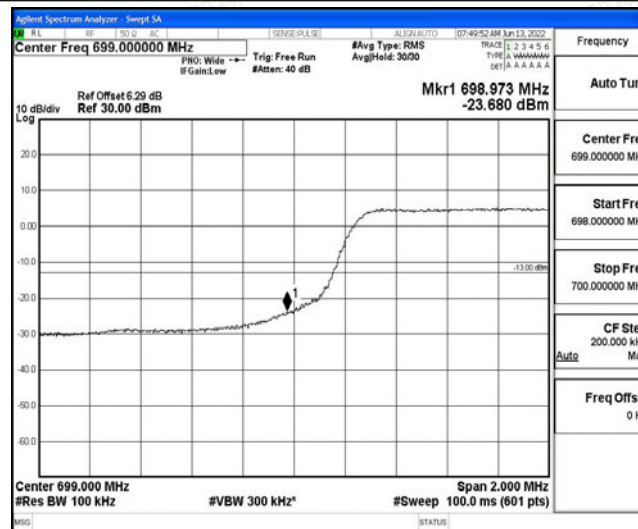


Band12-5MHz-QPSK-23155-25RB#0

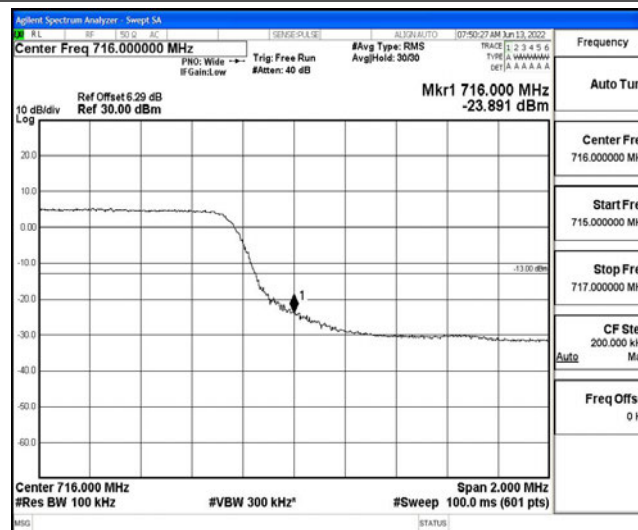


Band12-5MHz-16QAM-23035-25RB#0

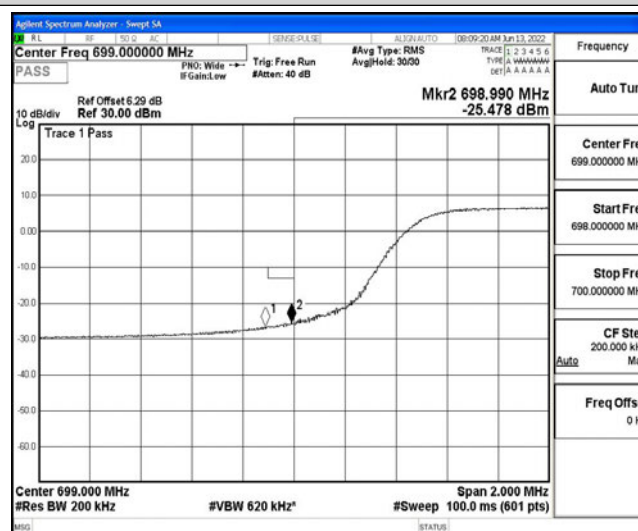




Band12-5MHz-16QAM-23155-25RB#0

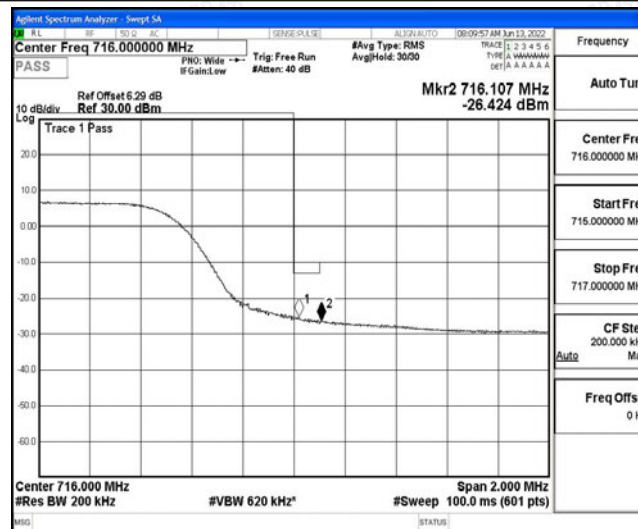


Band12-10MHz-QPSK-23060-50RB#0

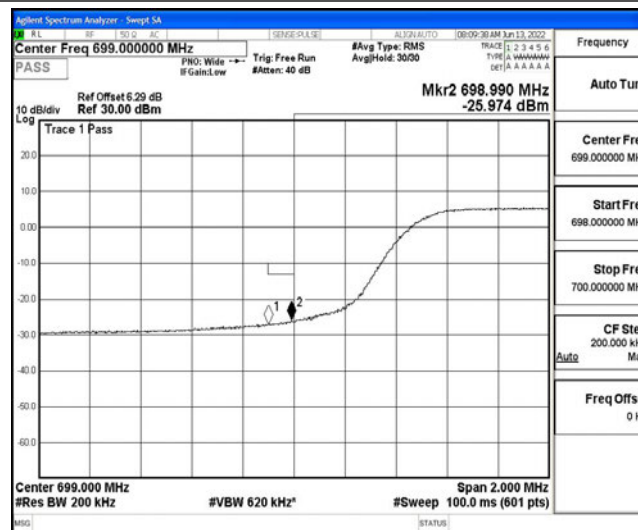


Band12-10MHz-QPSK-23130-50RB#0

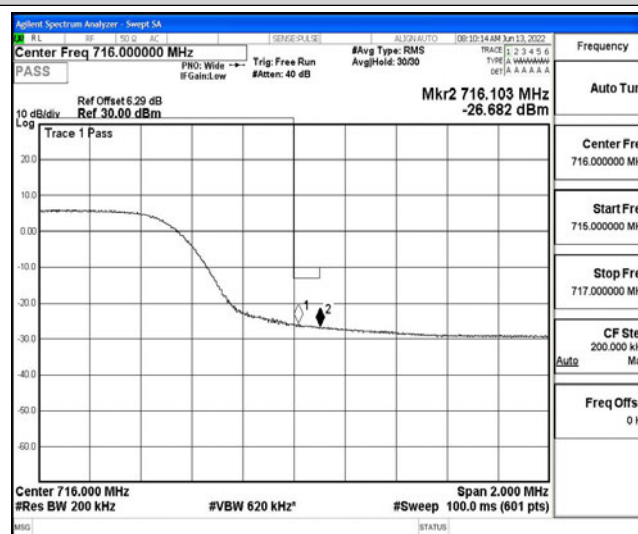




Band12-10MHz-16QAM-23060-50RB#0



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







H.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	-56.05	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-50.06	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-41.01	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-41.85	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-56.06	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.22	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-43.3	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-52.98	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-50.02	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-39.81	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-42.03	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-55.02	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-52.22	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-40.78	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-42.66	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.65	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.82	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.28	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43.65	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-54.54	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-51.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-41.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-42.76	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-54.36	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-51.34	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-40.36	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-41.86	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.72	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-49.17	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.03	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-42.51	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-56.5	PASS



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Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-50.75	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-40.55	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-43.75	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-54.57	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-52.5	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-42.58	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.92	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.59	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.78	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-55.72	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-52.06	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-41.12	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-44.75	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-56.14	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-52.57	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-40.99	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-41.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.98	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.03	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.64	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-41.54	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-56.14	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-50.35	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-41.62	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-55.31	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-48.98	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-41.23	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-42.43	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.19	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-53.01	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-42.34	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-56.12	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-51.2	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-40.01	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-45.11	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-54.59	PASS



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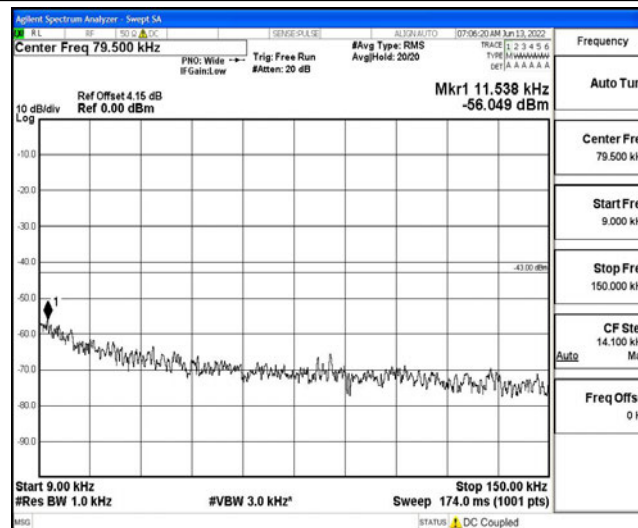
Scan code to check authenticity



Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-52.12	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-41.05	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-41.22	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.82	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-49.99	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.42	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-40.84	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-56.78	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-51.25	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-40.96	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-42.44	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-56.6	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-51.62	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-40.33	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-41.86	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.92	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.5	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-56.44	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-51.08	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-40.34	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-42.81	PASS

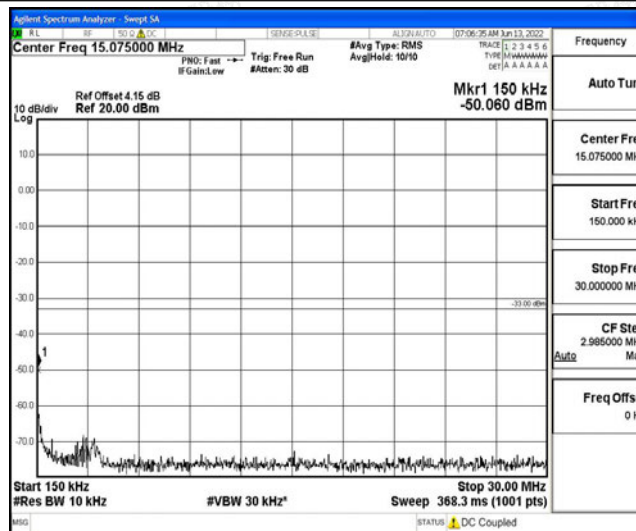
Test Graphs

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

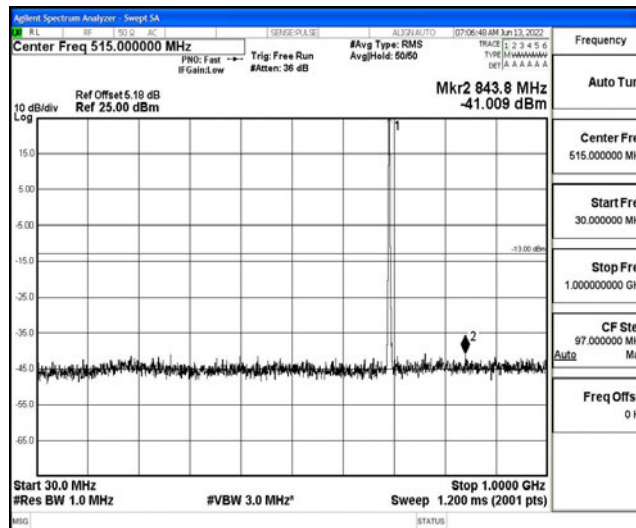


Band12-1.4MHz-QPSK-23017-1RB#0-Range2:0.15~30MHz

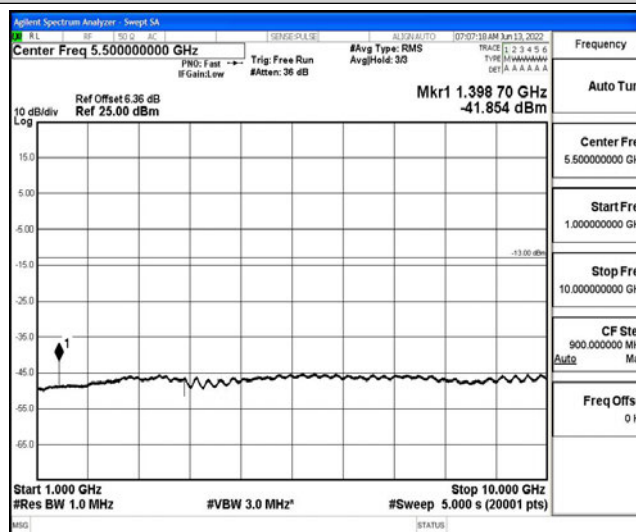




Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz

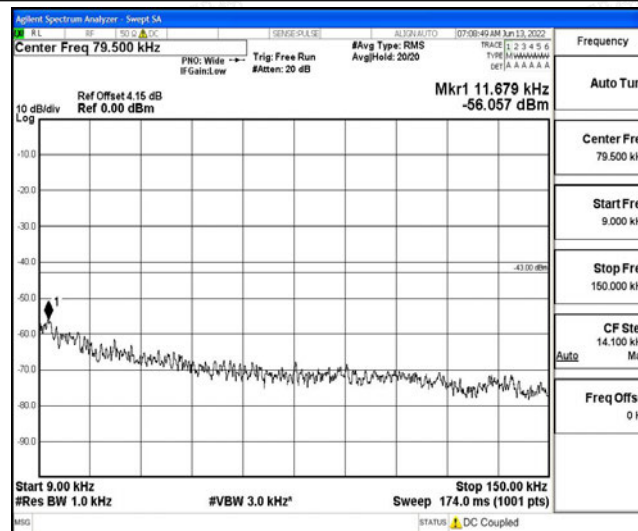


Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz

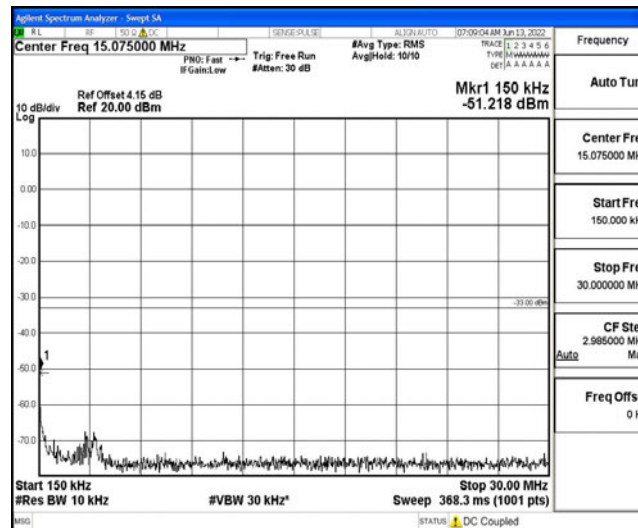


Band12-1.4MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

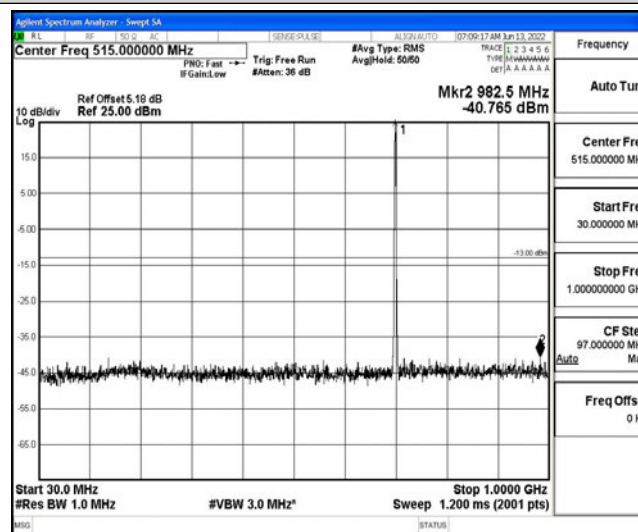




Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



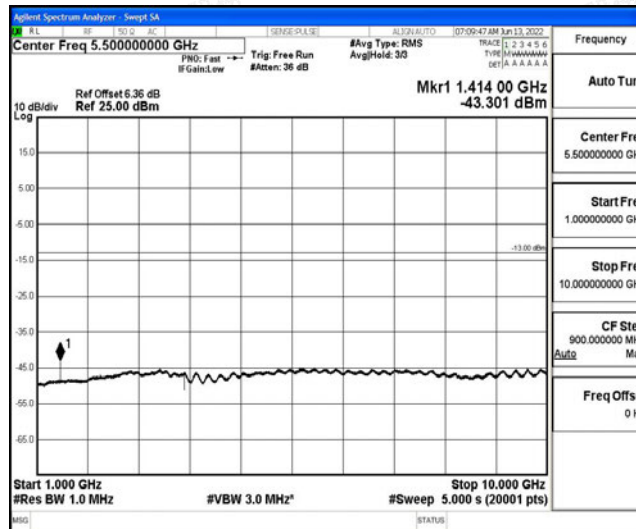
Band12-1.4MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



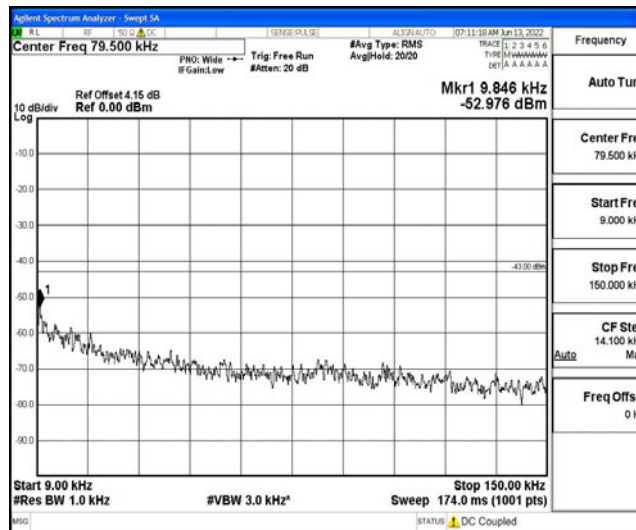
Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



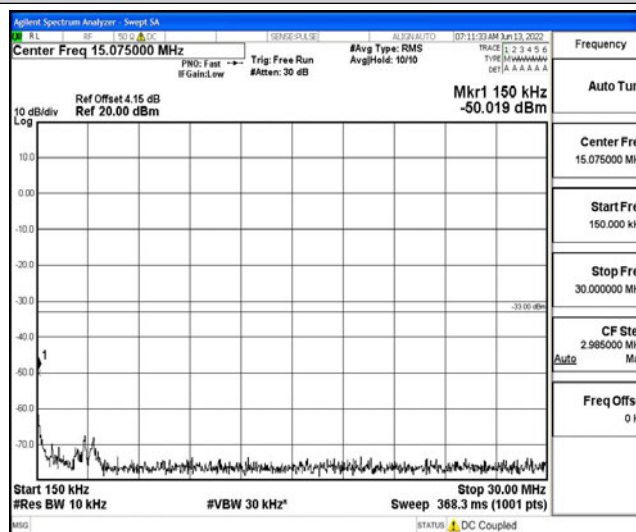
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Band12-1.4MHz-QPSK-23173-1RB#0-Range1:0.009~0.15MHz

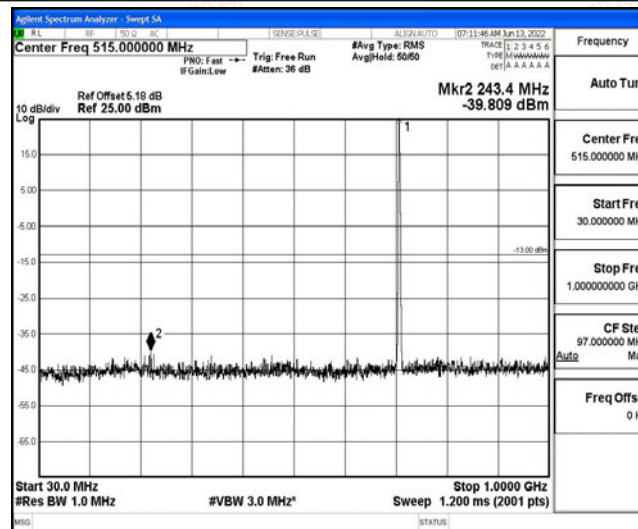


Band12-1.4MHz-QPSK-23173-1RB#0-Range2:0.15~30MHz

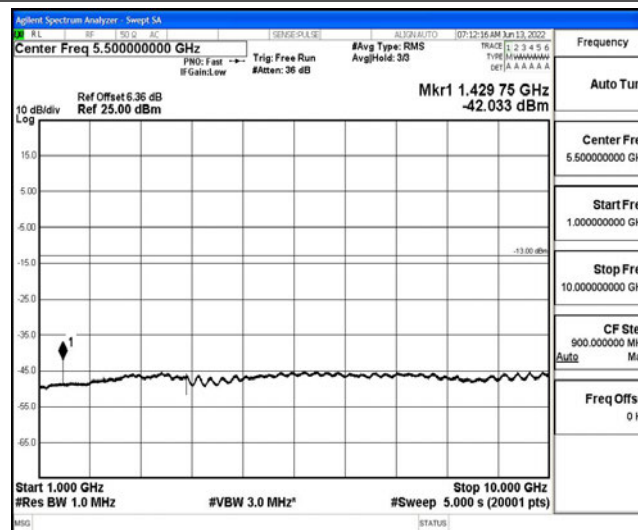


Band12-1.4MHz-QPSK-23173-1RB#0-Range3:30~1000MHz

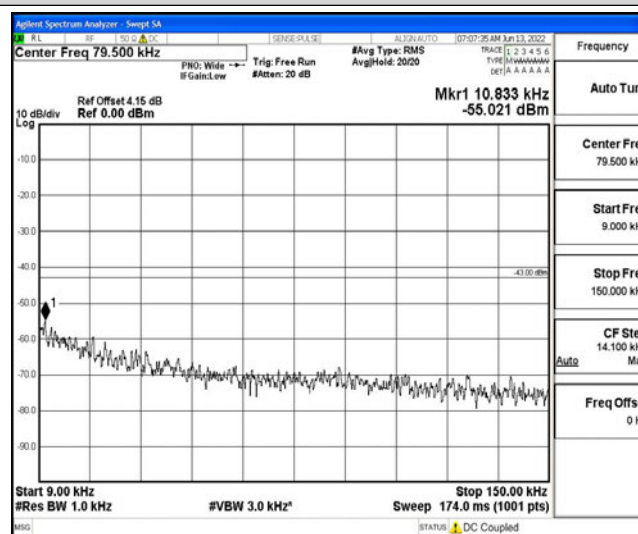




Band12-1.4MHz-QPSK-23173-1RB#0-Range4:1000~10000MHz

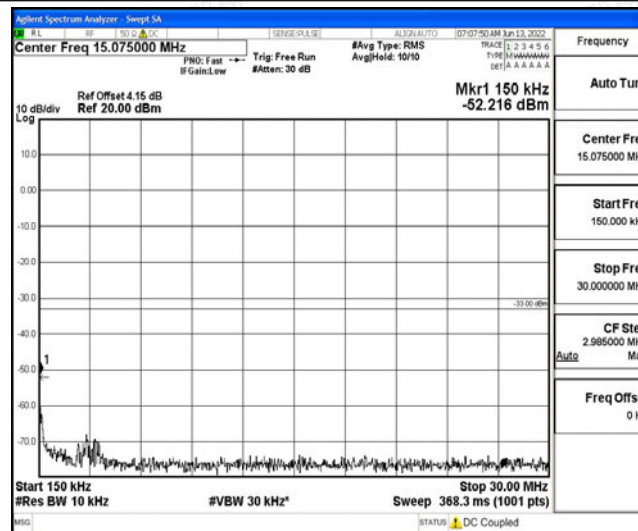


Band12-1.4MHz-16QAM-23017-1RB#0-Range1:0.009~0.15MHz

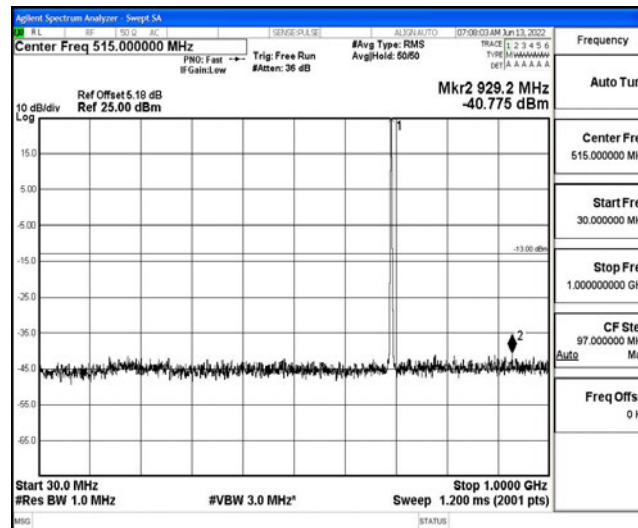


Band12-1.4MHz-16QAM-23017-1RB#0-Range2:0.15~30MHz

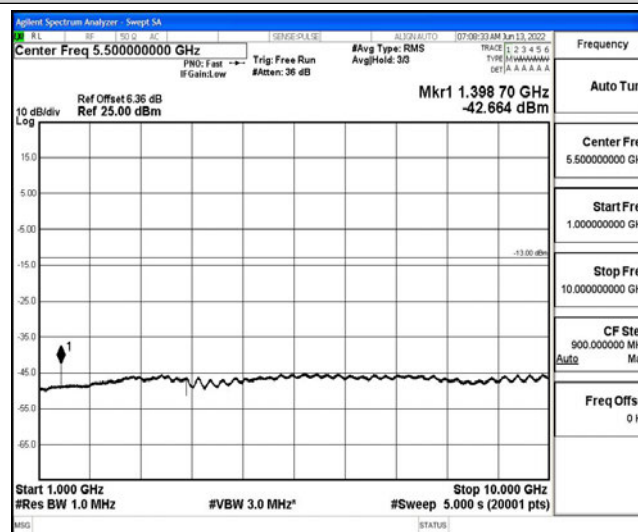




Band12-1.4MHz-16QAM-23017-1RB#0-Range3:30~1000MHz

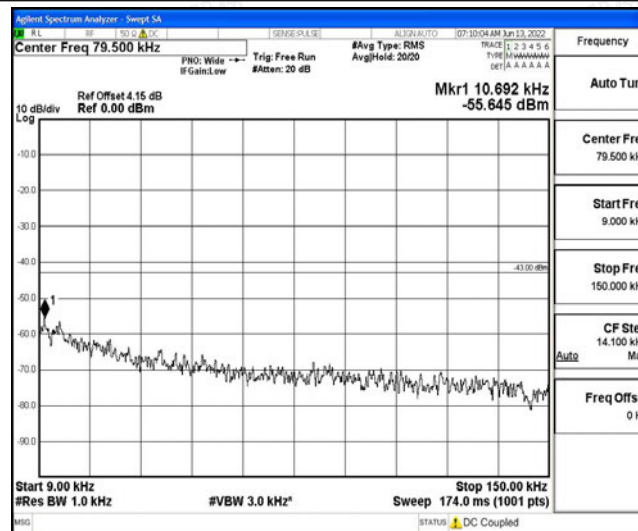


Band12-1.4MHz-16QAM-23017-1RB#0-Range4:1000~10000MHz

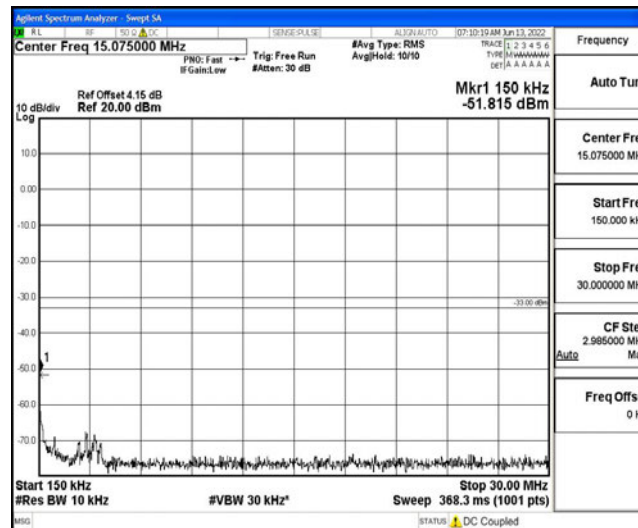


Band12-1.4MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

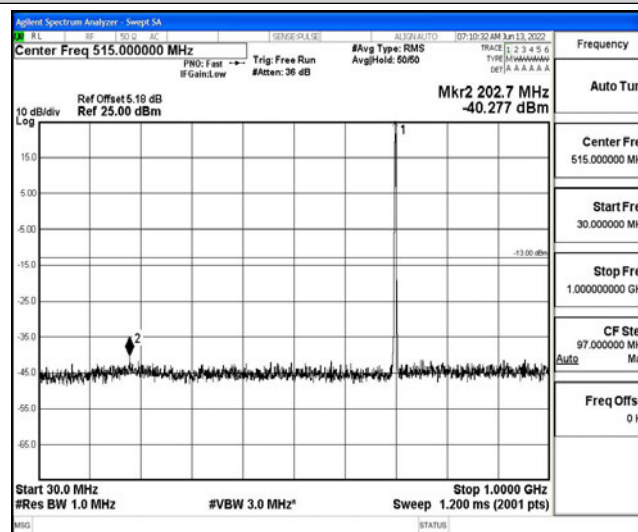




Band12-1.4MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



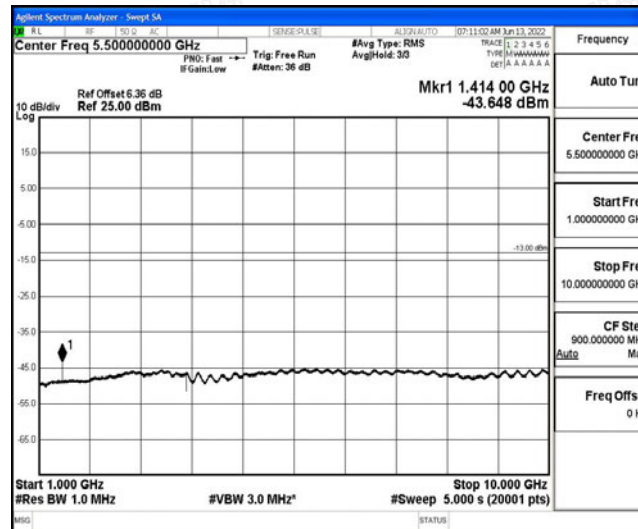
Band12-1.4MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



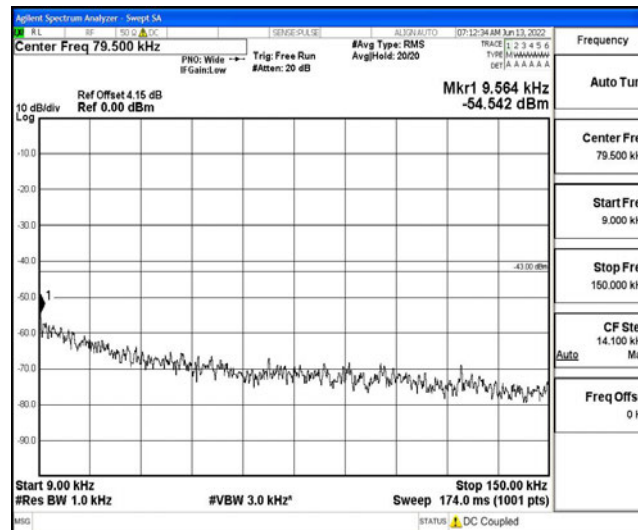
Band12-1.4MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



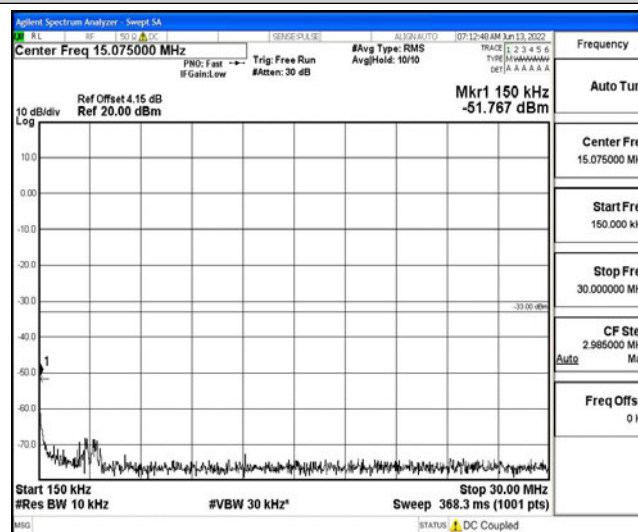
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Band12-1.4MHz-16QAM-23173-1RB#0-Range1:0.009~0.15MHz

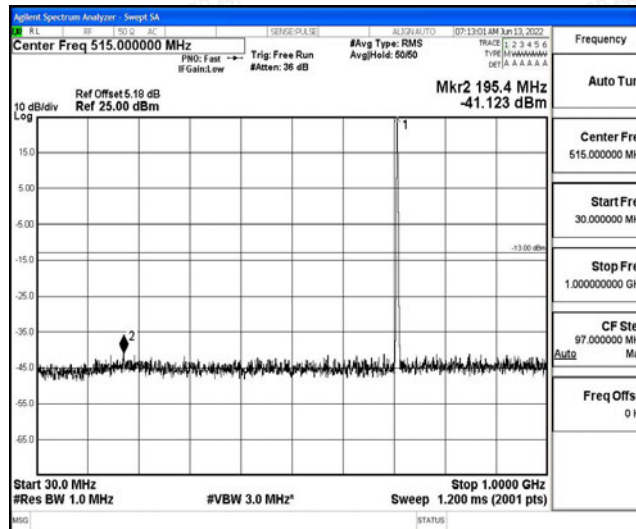


Band12-1.4MHz-16QAM-23173-1RB#0-Range2:0.15~30MHz

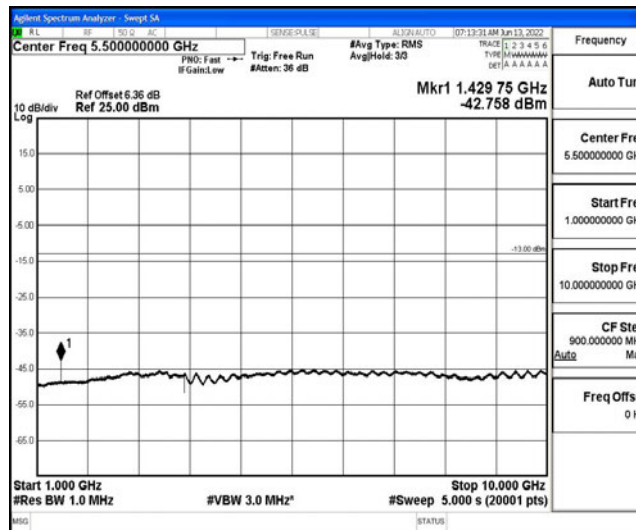


Band12-1.4MHz-16QAM-23173-1RB#0-Range3:30~1000MHz

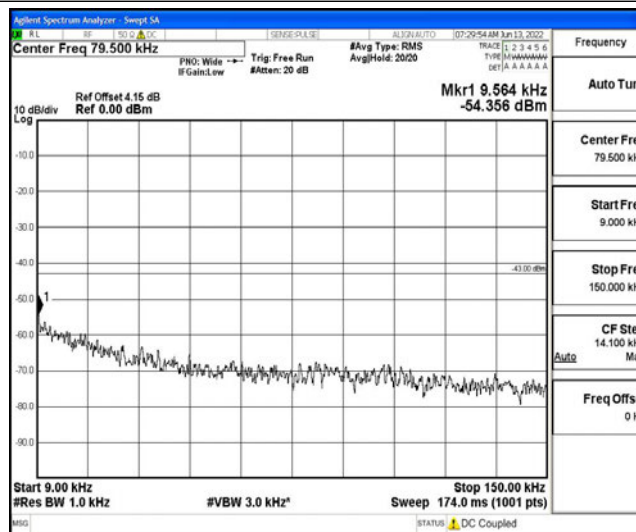




Band12-1.4MHz-16QAM-23173-1RB#0-Range4:1000~10000MHz



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



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



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