



Appendix I: Test Data for E-UTRA Band 12

Product Name: In-Vehicle Display Terminal

Test Model: VT-7 GA

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan





I.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.15	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	21.84	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	21.72	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	21.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	21.79	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	21.80	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	20.78	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	21.89	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	21.96	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	21.91	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	21.90	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	21.91	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	21.87	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	20.91	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	21.86	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.00	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	21.85	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	21.93	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	21.93	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	21.95	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	20.94	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	20.64	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	20.72	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	20.64	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	20.47	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	20.55	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	20.55	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	19.78	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	20.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	20.88	PASS





Band12	1.4MHz	16QAM	23095	1RB#5	20.66	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	20.74	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	20.72	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	20.68	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	19.74	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	20.67	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	20.75	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	20.64	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	20.71	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	20.71	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	20.68	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	19.89	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.30	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.28	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.27	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.29	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.31	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.27	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.26	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.45	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.30	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.32	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.30	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.34	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.36	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.33	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.45	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.37	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.37	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.40	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.35	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.38	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.30	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.28	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.30	PASS



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Scan code to check authenticity



Band12	3MHz	16QAM	23025	1RB#14	21.20	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.32	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.32	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.26	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.26	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.36	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.36	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.32	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.31	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.35	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.35	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.29	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.33	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.33	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.36	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.36	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.34	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.35	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.30	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.27	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.32	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.23	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.25	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.27	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.15	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.27	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.32	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.33	PASS
Band12	5MHz	QPSK	23095	1RB#24	21.81	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.10	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.00	PASS
Band12	5MHz	QPSK	23095	12RB#13	20.93	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.02	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.14	PASS
Band12	5MHz	QPSK	23155	1RB#12	21.96	PASS



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Band12	5MHz	QPSK	23155	1RB#24	21.87	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.03	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.33	PASS
Band12	5MHz	QPSK	23155	12RB#13	20.80	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.04	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.17	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.20	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.15	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.21	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.23	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.13	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.25	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.19	PASS
Band12	5MHz	16QAM	23095	1RB#12	20.96	PASS
Band12	5MHz	16QAM	23095	1RB#24	20.97	PASS
Band12	5MHz	16QAM	23095	12RB#0	19.94	PASS
Band12	5MHz	16QAM	23095	12RB#6	19.98	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.14	PASS
Band12	5MHz	16QAM	23095	25RB#0	19.85	PASS
Band12	5MHz	16QAM	23155	1RB#0	20.80	PASS
Band12	5MHz	16QAM	23155	1RB#12	20.94	PASS
Band12	5MHz	16QAM	23155	1RB#24	20.76	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.30	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.46	PASS
Band12	5MHz	16QAM	23155	12RB#13	19.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.35	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.30	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.41	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.28	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.41	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.39	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.02	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.22	PASS
Band12	10MHz	QPSK	23095	1RB#0	21.88	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.02	PASS



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Band12	10MHz	QPSK	23095	1RB#49	21.90	PASS
Band12	10MHz	QPSK	23095	25RB#0	20.84	PASS
Band12	10MHz	QPSK	23095	25RB#12	20.83	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.14	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.03	PASS
Band12	10MHz	QPSK	23130	1RB#0	21.99	PASS
Band12	10MHz	QPSK	23130	1RB#24	21.93	PASS
Band12	10MHz	QPSK	23130	1RB#49	21.89	PASS
Band12	10MHz	QPSK	23130	25RB#0	20.81	PASS
Band12	10MHz	QPSK	23130	25RB#12	20.81	PASS
Band12	10MHz	QPSK	23130	25RB#25	20.75	PASS
Band12	10MHz	QPSK	23130	50RB#0	20.80	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.25	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.39	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.28	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.37	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.36	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.06	PASS
Band12	10MHz	16QAM	23060	50RB#0	19.94	PASS
Band12	10MHz	16QAM	23095	1RB#0	20.69	PASS
Band12	10MHz	16QAM	23095	1RB#24	20.89	PASS
Band12	10MHz	16QAM	23095	1RB#49	20.71	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.06	PASS
Band12	10MHz	16QAM	23095	25RB#12	19.86	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.13	PASS
Band12	10MHz	16QAM	23130	1RB#0	20.65	PASS
Band12	10MHz	16QAM	23130	1RB#24	20.76	PASS
Band12	10MHz	16QAM	23130	1RB#49	20.69	PASS
Band12	10MHz	16QAM	23130	25RB#0	19.84	PASS
Band12	10MHz	16QAM	23130	25RB#12	19.80	PASS
Band12	10MHz	16QAM	23130	25RB#25	19.94	PASS
Band12	10MHz	16QAM	23130	50RB#0	19.83	PASS





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

Test Result

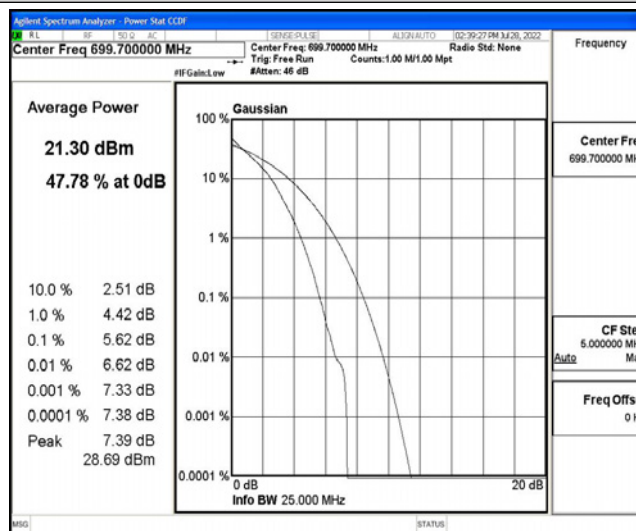
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.62	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.60	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.52	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.39	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.40	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.30	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.68	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.75	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.30	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.46	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.54	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.11	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.80	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.49	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.46	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.46	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.52	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.17	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.87	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.75	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.50	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.49	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.50	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.26	13	PASS



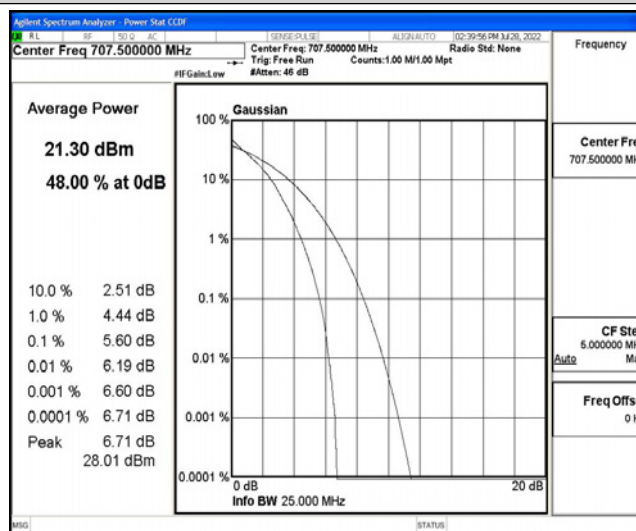


Test Graphs

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

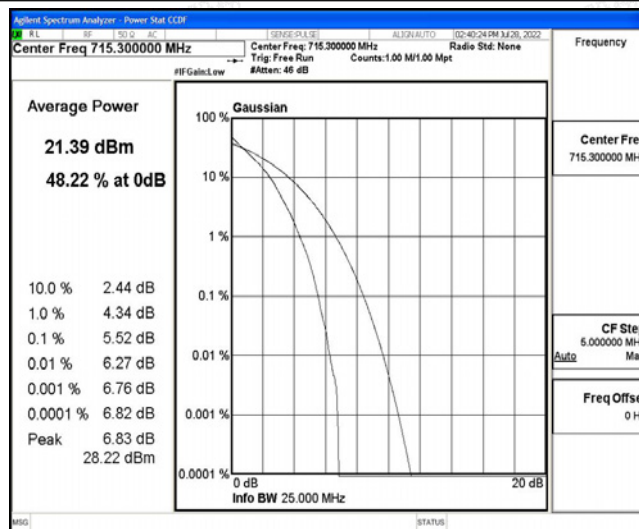


Band12-1.4MHz-QPSK-23095-6RB#0

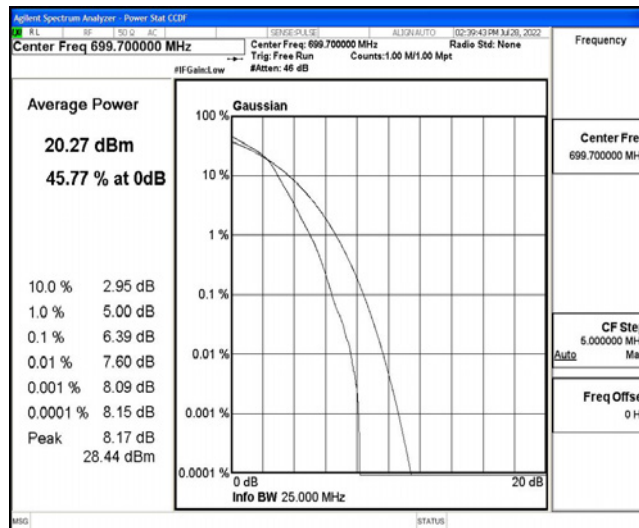


Band12-1.4MHz-QPSK-23173-6RB#0

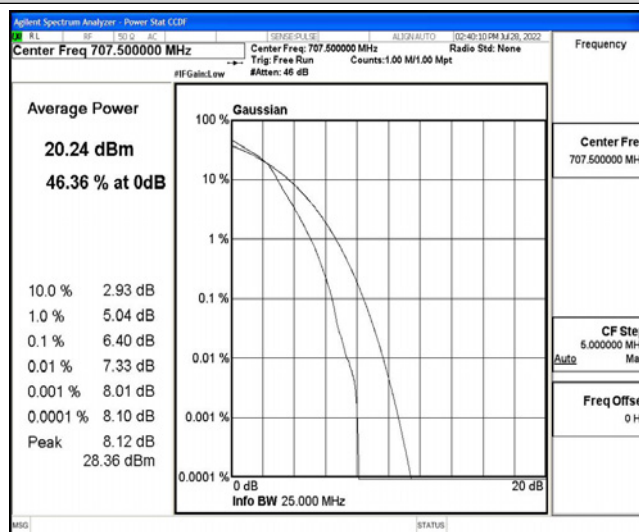




Band12-1.4MHz-16QAM-23017-6RB#0

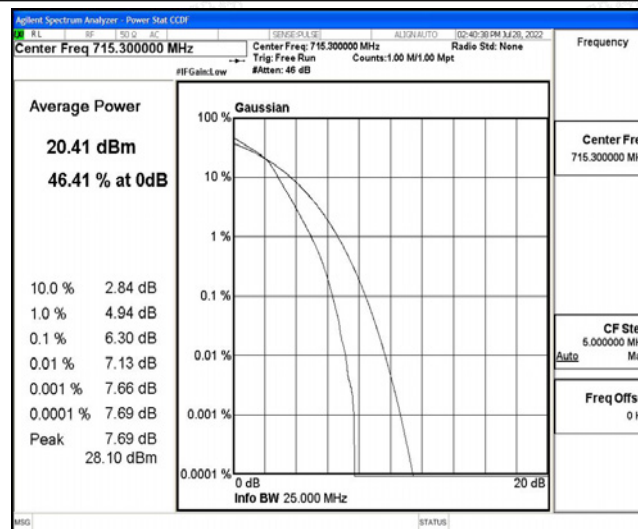


Band12-1.4MHz-16QAM-23095-6RB#0

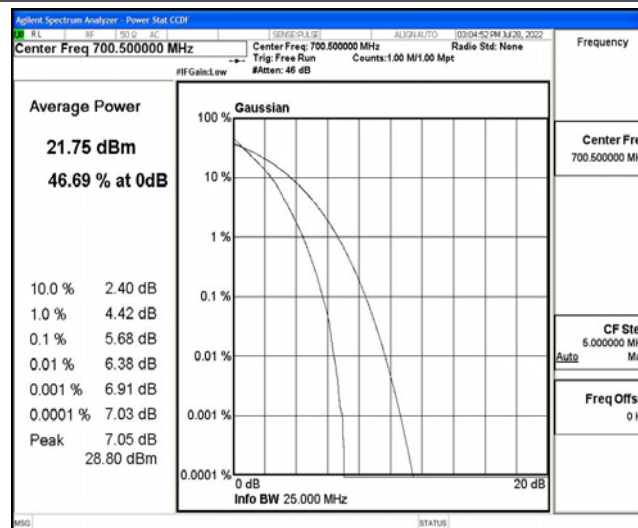


Band12-1.4MHz-16QAM-23173-6RB#0

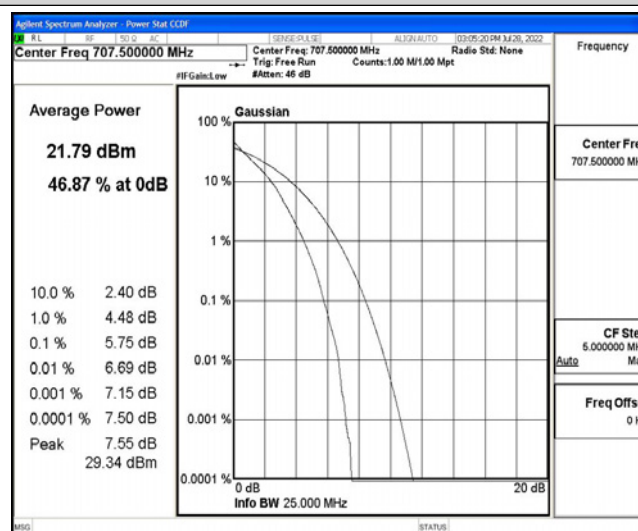




Band12-3MHz-QPSK-23025-15RB#0

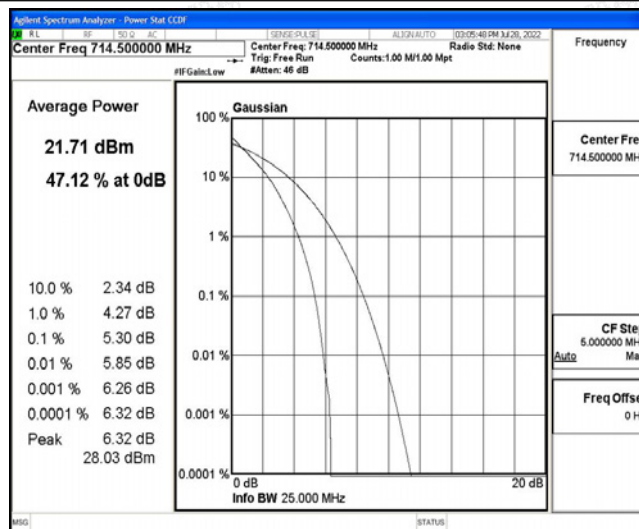


Band12-3MHz-QPSK-23095-15RB#0

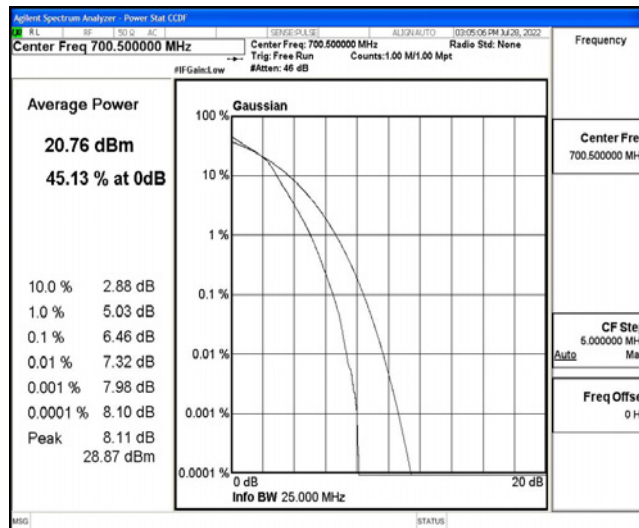


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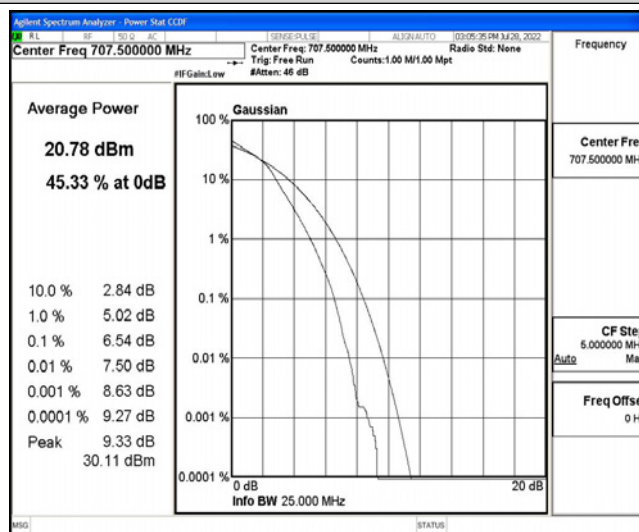




Band12-3MHz-16QAM-23025-15RB#0

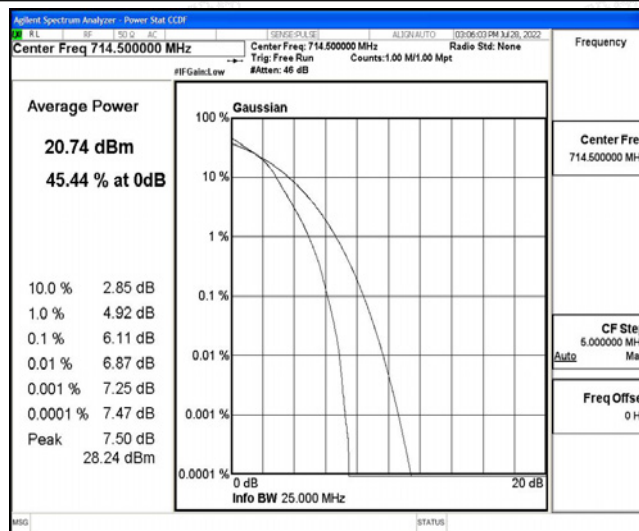


Band12-3MHz-16QAM-23095-15RB#0

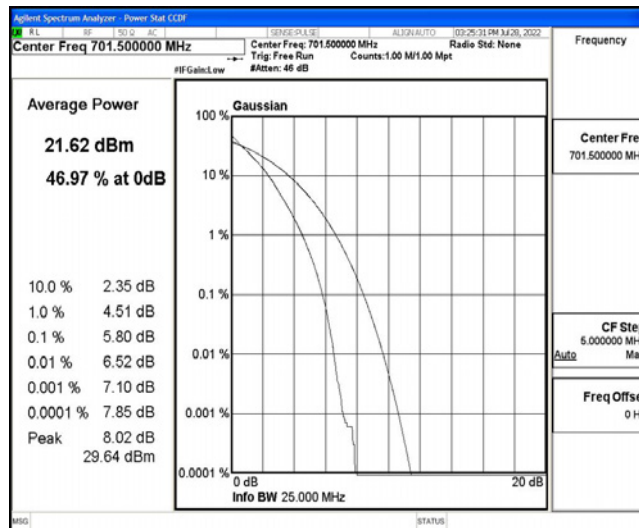


Band12-3MHz-16QAM-23165-15RB#0

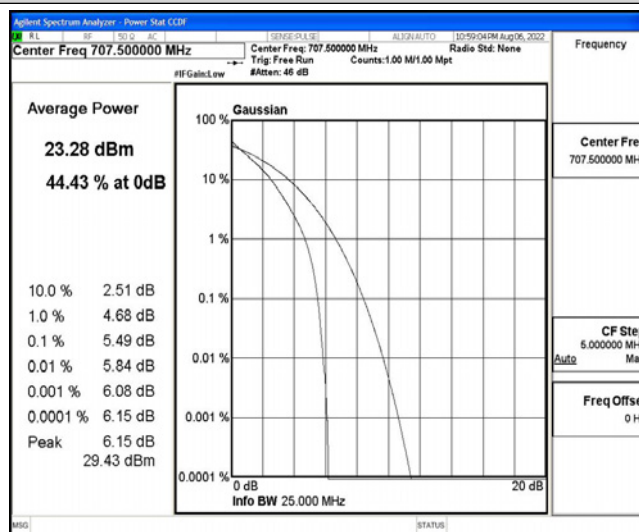




Band12-5MHz-QPSK-23035-25RB#0

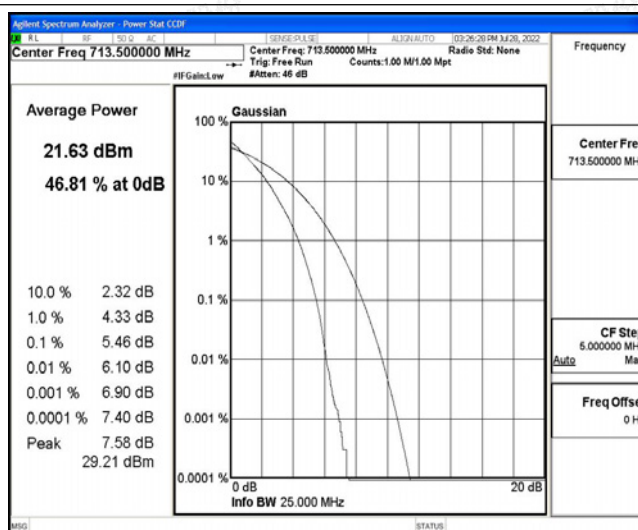


Band12-5MHz-QPSK-23095-25RB#0

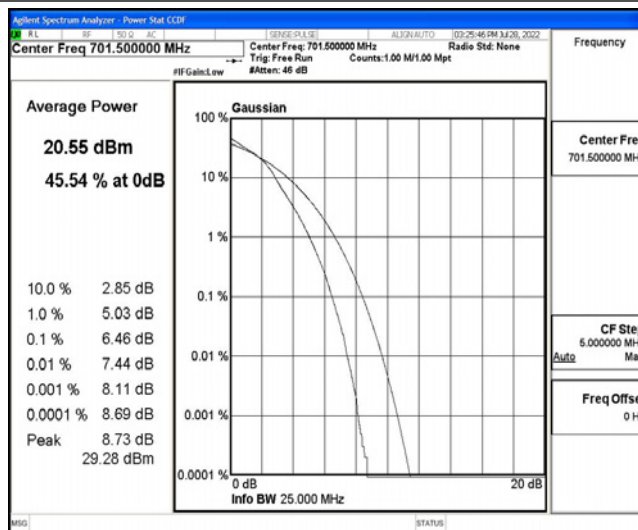


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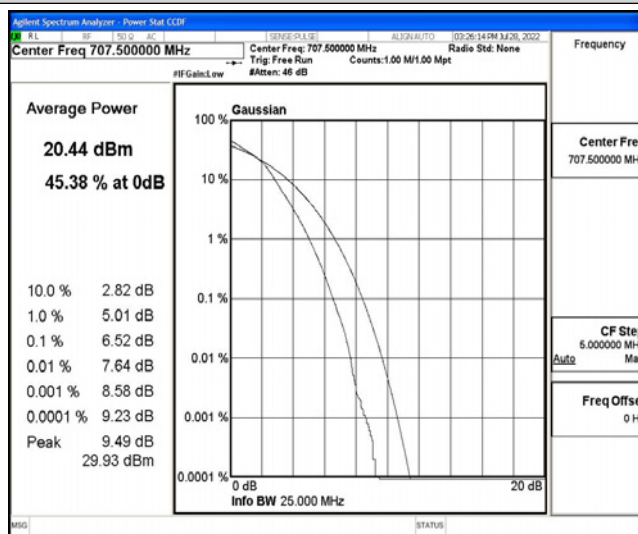




Band12-5MHz-16QAM-23035-25RB#0



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



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

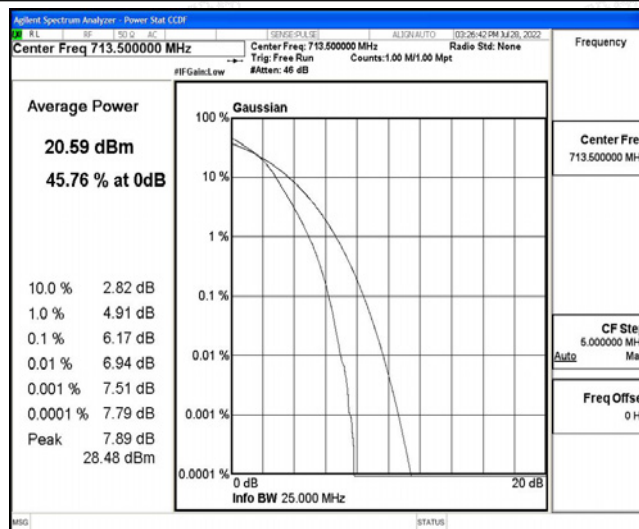


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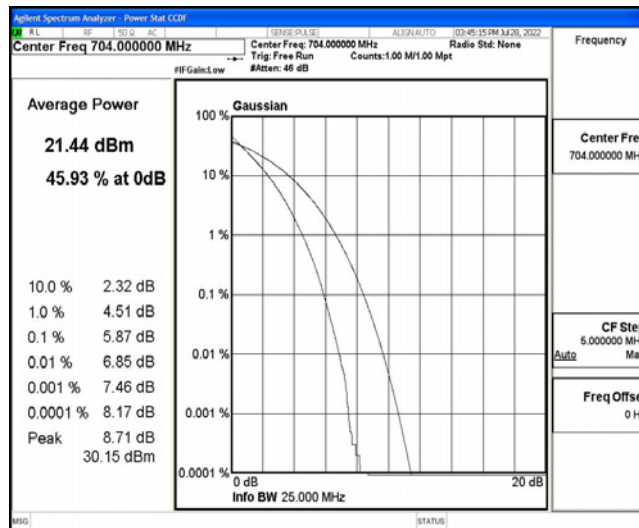
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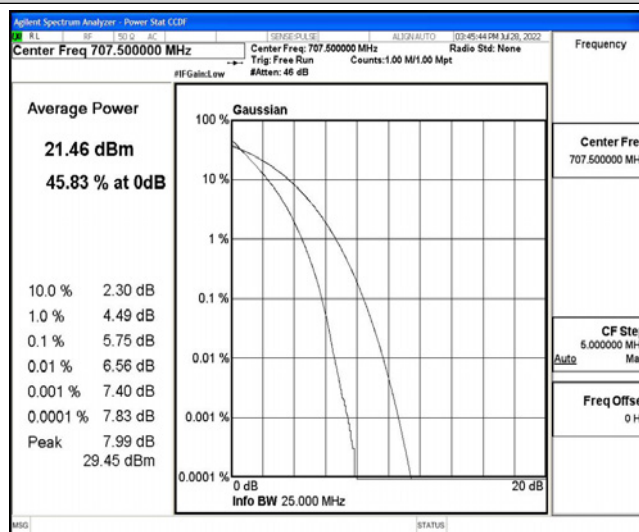
Scan code to check authenticity



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

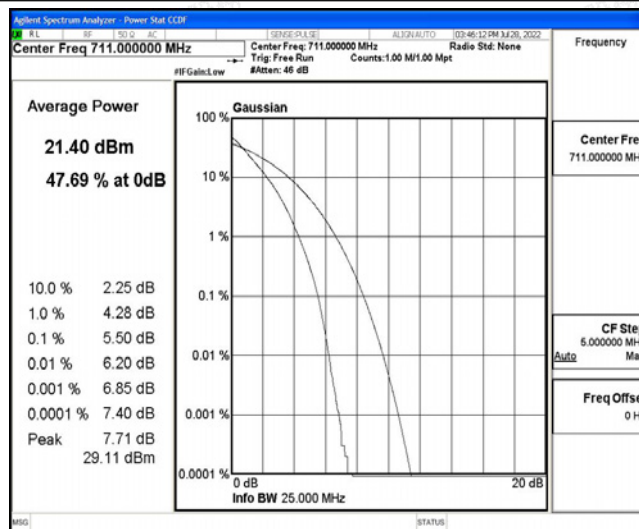


Band12-10MHz-QPSK-23095-50RB#0

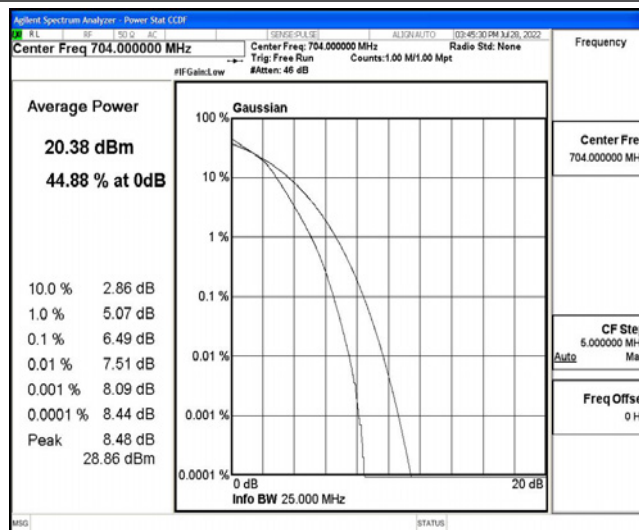


Band12-10MHz-QPSK-23130-50RB#0

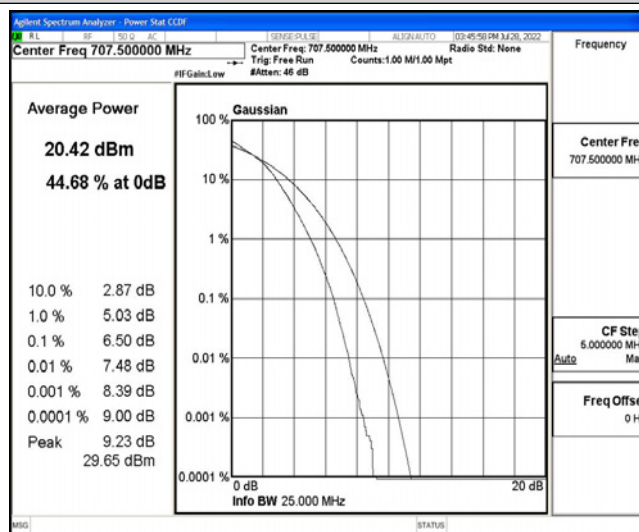




Band12-10MHz-16QAM-23060-50RB#0

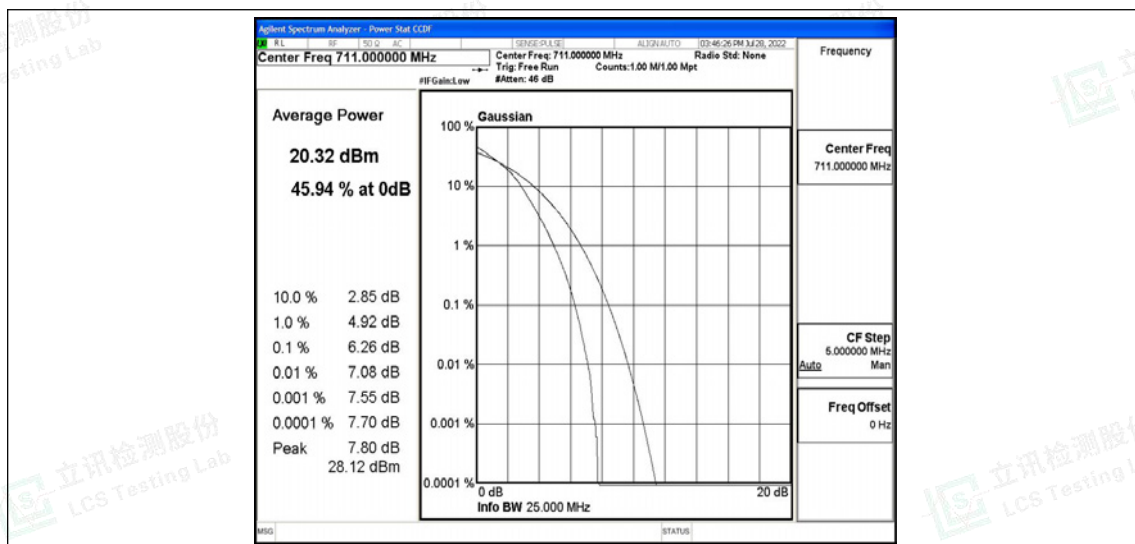


Band12-10MHz-16QAM-23095-50RB#0



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







I.3 26dB Bandwidth and Occupied Bandwidth

Test Result

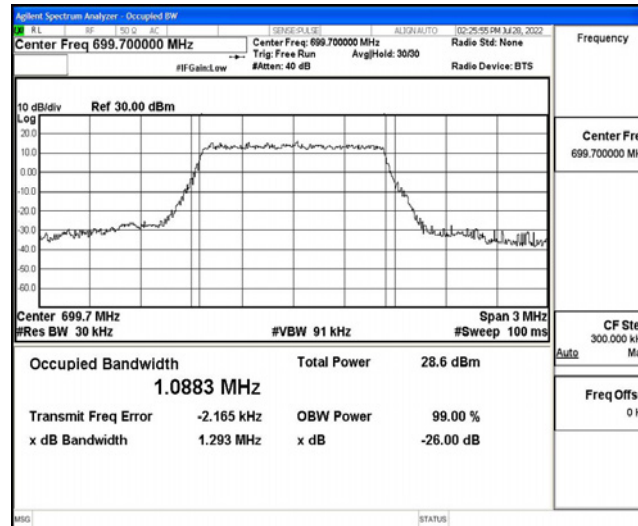
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0883	1.293	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0897	1.287	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0992	1.292	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0943	1.313	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0912	1.279	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0879	1.272	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6875	2.925	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6813	2.882	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6802	2.886	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6788	2.880	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6824	2.889	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6849	2.910	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5423	6.023	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5326	6.129	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5324	7.510	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5340	5.897	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5599	5.932	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5423	6.192	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0502	13.59	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0365	11.24	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9756	11.06	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0469	12.51	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0285	11.68	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9772	9.984	PASS



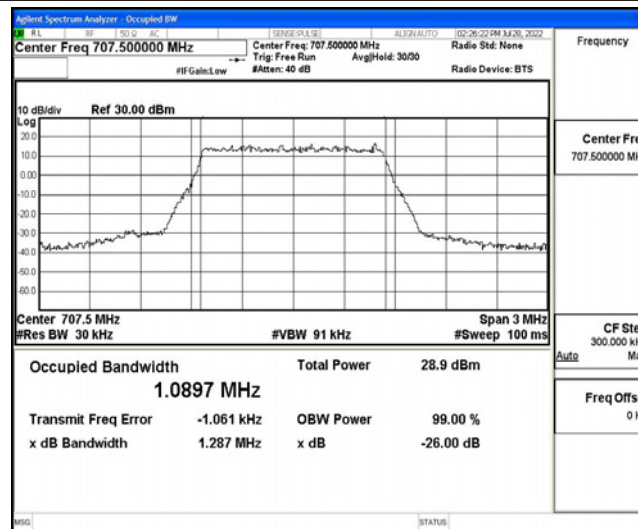


Test Graphs

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

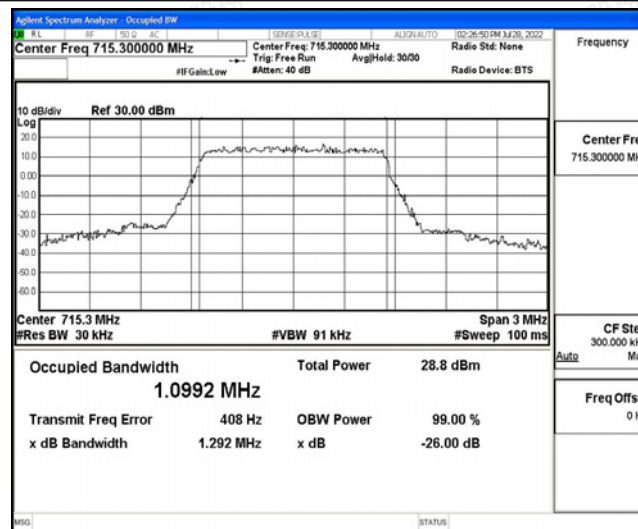


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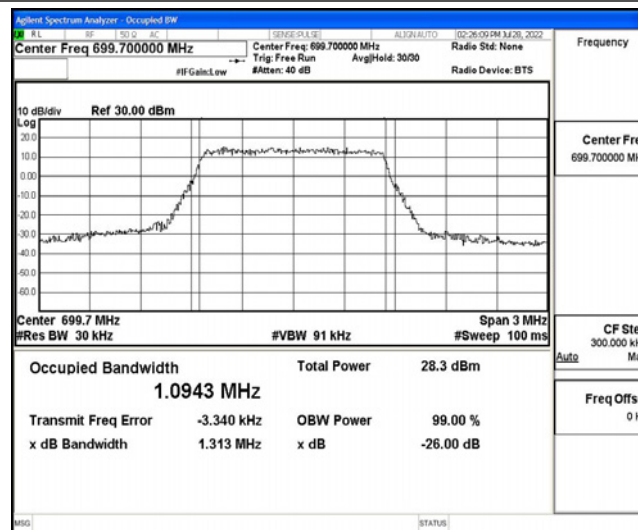


Band12-1.4MHz-QPSK-23173-6RB#0

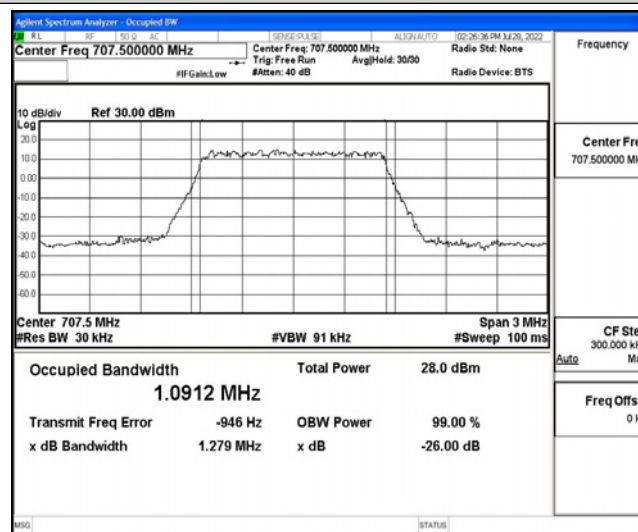




Band12-1.4MHz-16QAM-23017-6RB#0

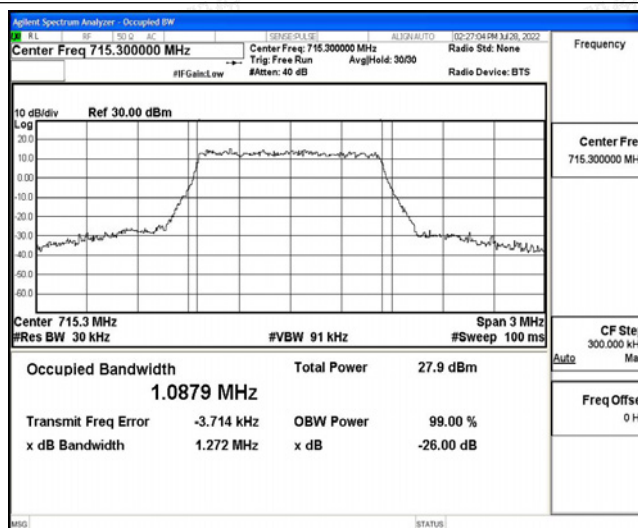


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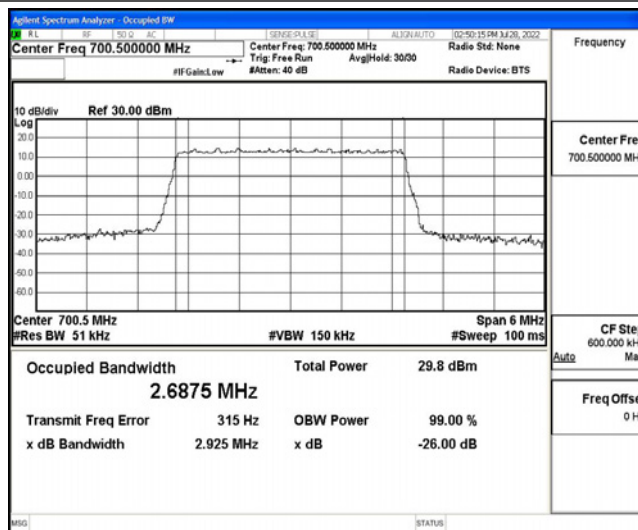


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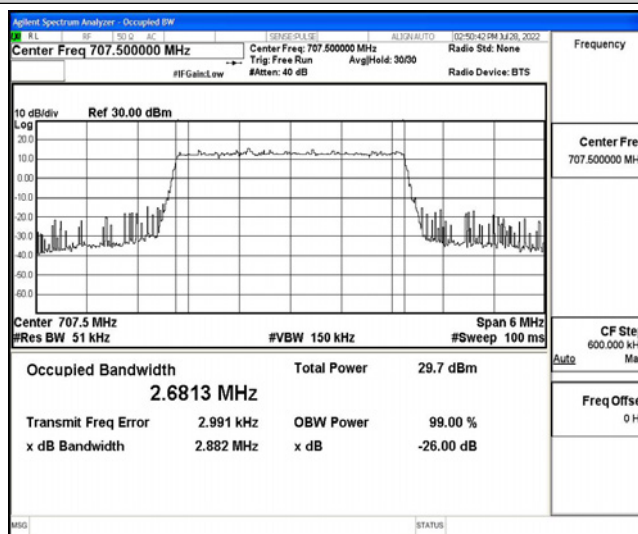




Band12-3MHz-QPSK-23025-15RB#0

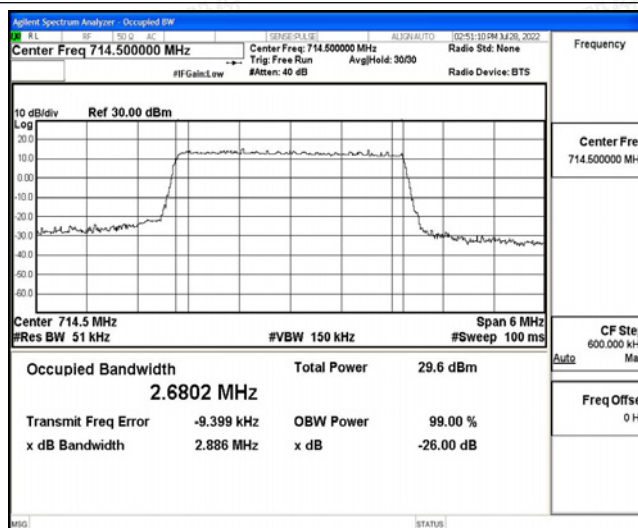


Band12-3MHz-QPSK-23095-15RB#0

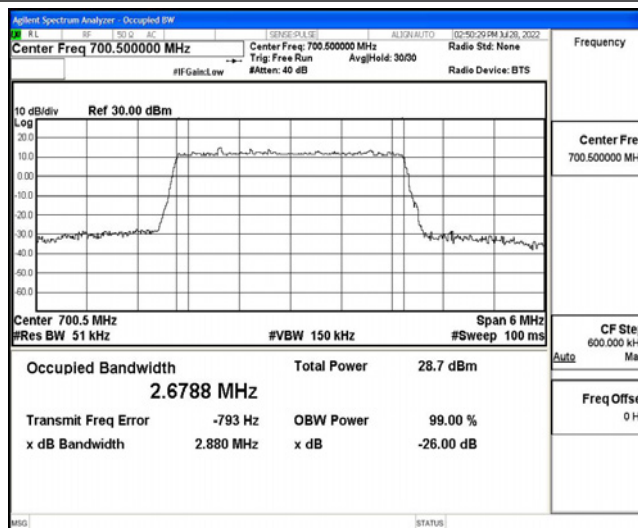


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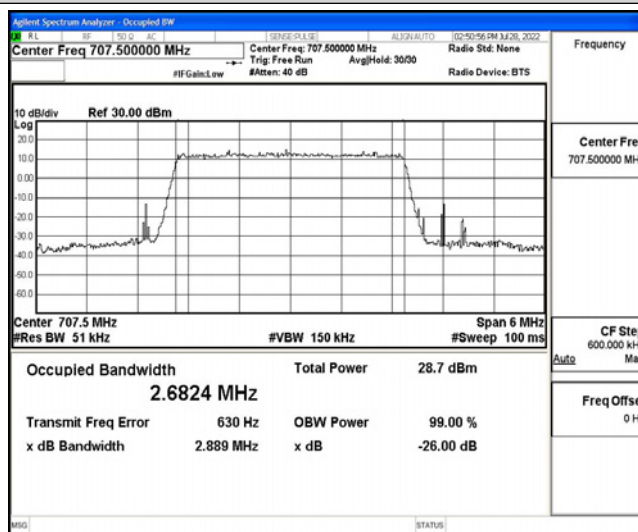




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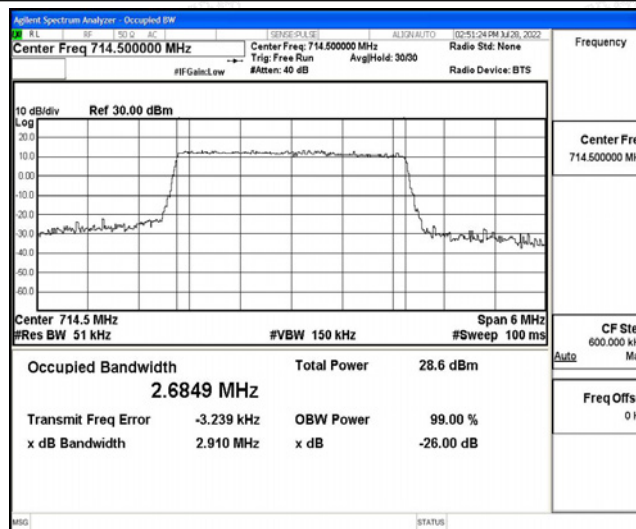


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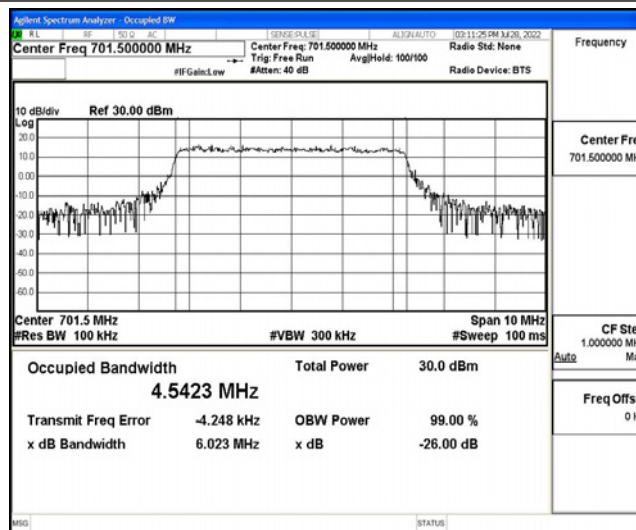


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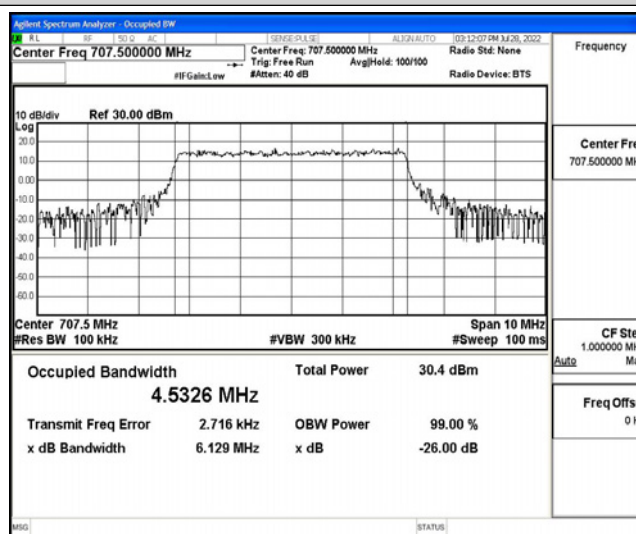




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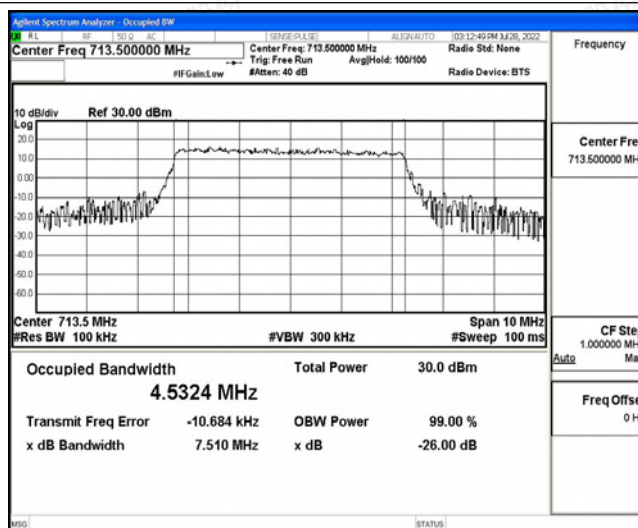


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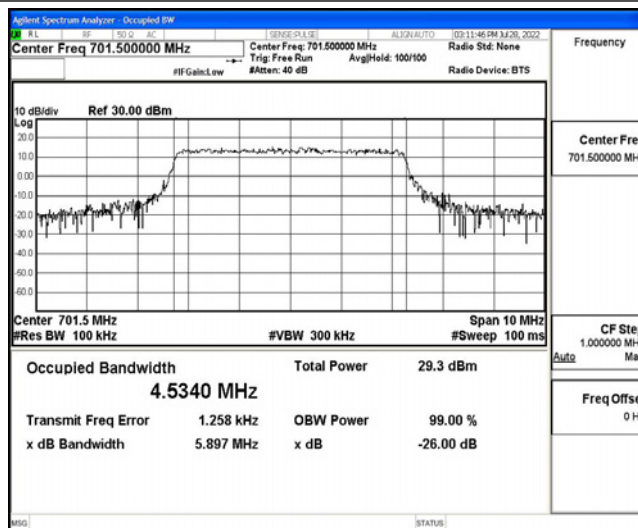


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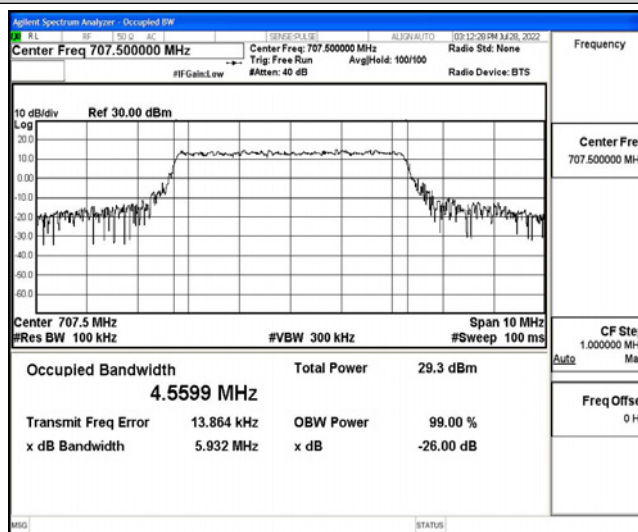




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Band12-5MHz-16QAM-23095-25RB#0



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

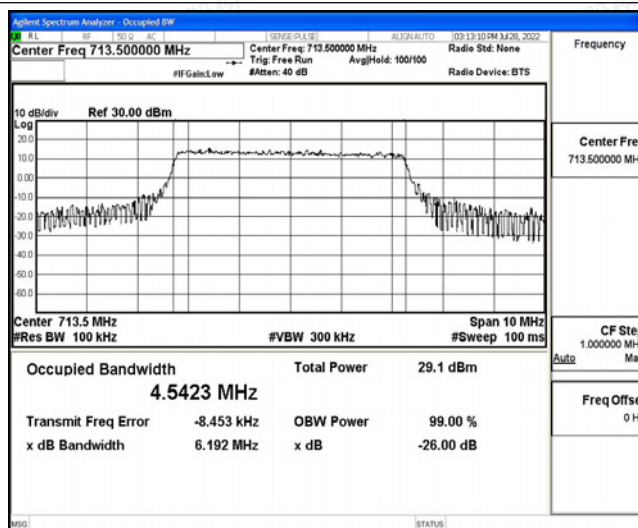


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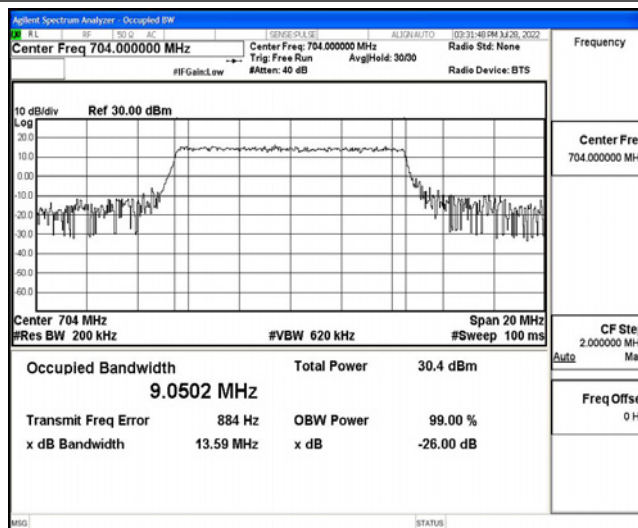
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

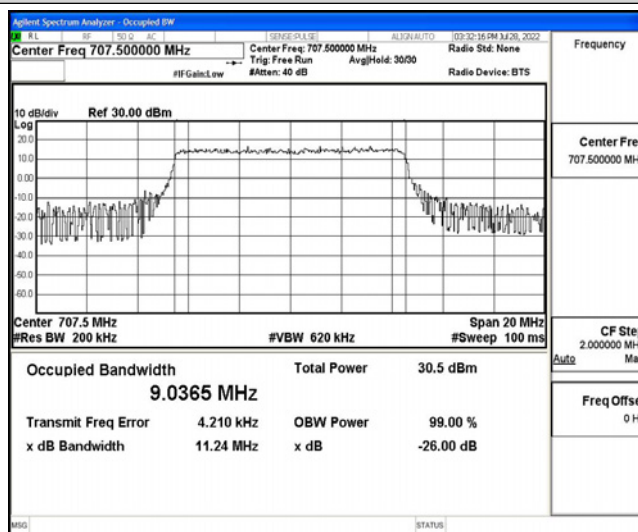
Scan code to check authenticity



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

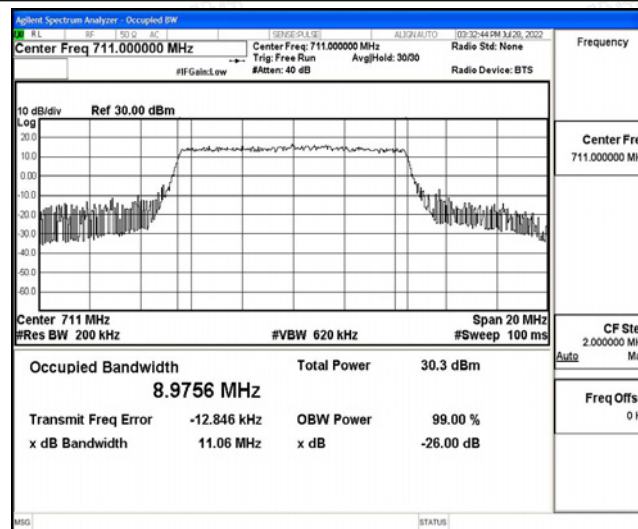


Band12-10MHz-QPSK-23095-50RB#0

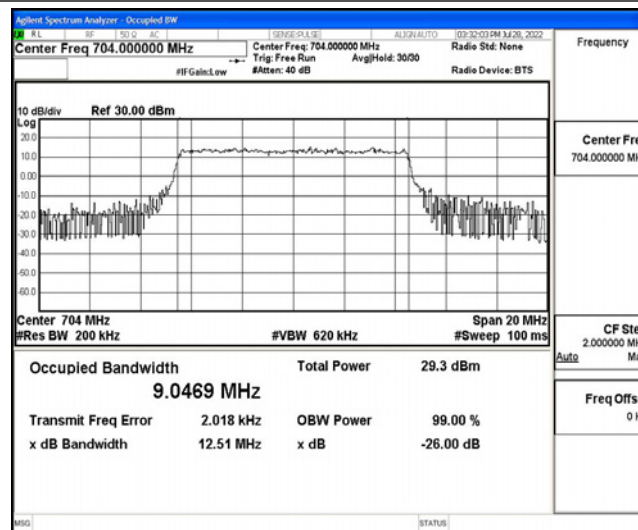


Band12-10MHz-QPSK-23130-50RB#0

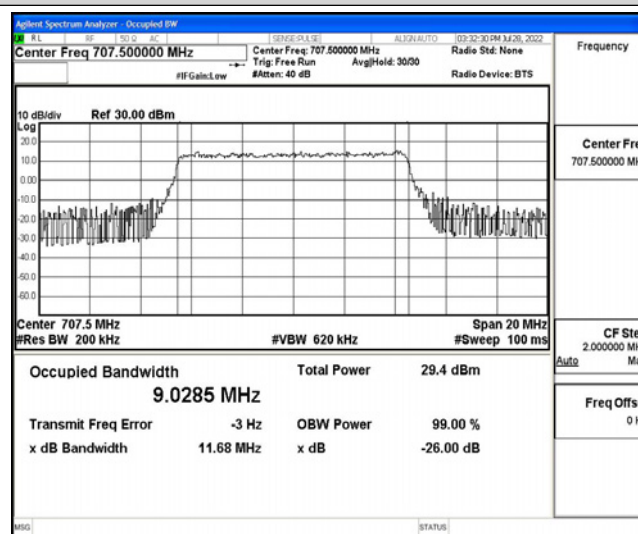




Band12-10MHz-16QAM-23060-50RB#0

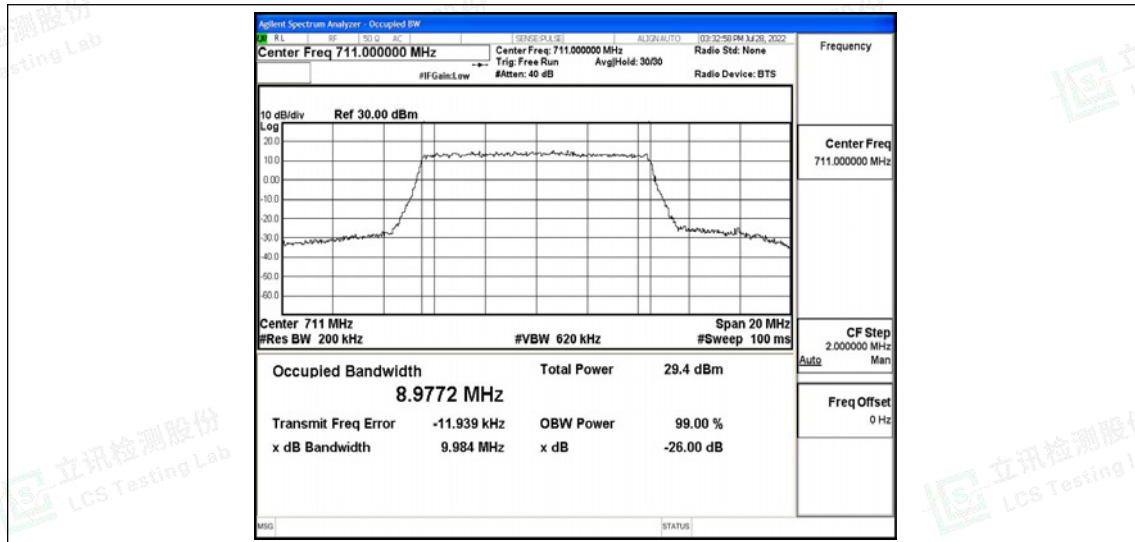


Band12-10MHz-16QAM-23095-50RB#0



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





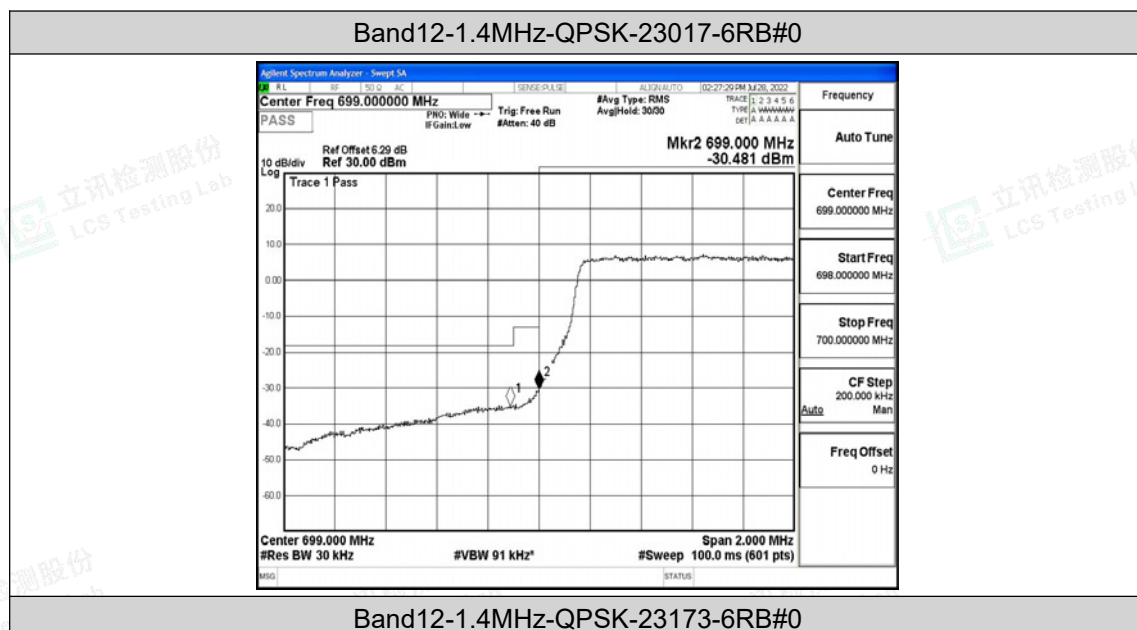


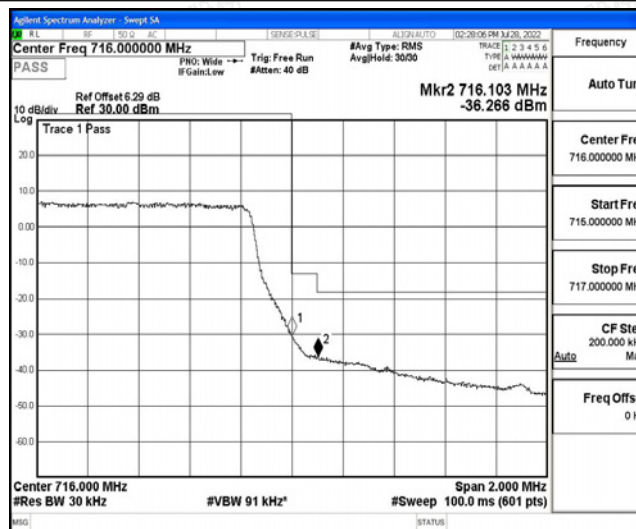
I.4 Band Edge

Test Result

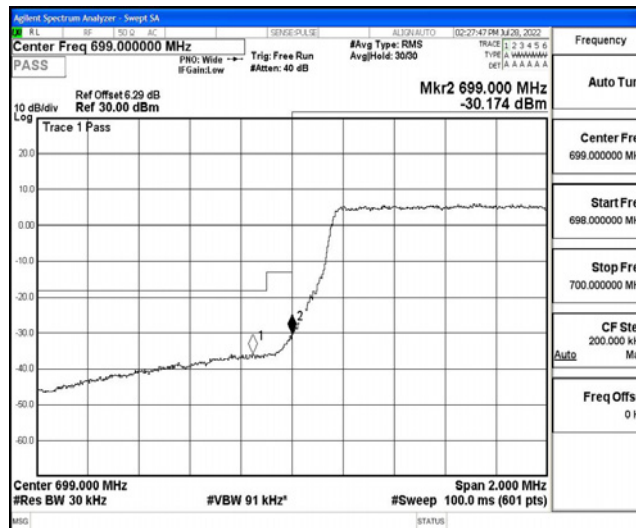
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-34.95,-30.48	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-30.46,-36.27	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-35.83,-30.17	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-32.01,-38.03	PASS
Band12	3MHz	QPSK	23025	15RB#0	-35.49,-30.92	PASS
Band12	3MHz	QPSK	23165	15RB#0	-32.35,-36.91	PASS
Band12	3MHz	16QAM	23025	15RB#0	-36.65,-32.97	PASS
Band12	3MHz	16QAM	23165	15RB#0	-33.18,-38.66	PASS
Band12	5MHz	QPSK	23035	25RB#0	-23.07	PASS
Band12	5MHz	QPSK	23155	25RB#0	-23.89	PASS
Band12	5MHz	16QAM	23035	25RB#0	-24.38	PASS
Band12	5MHz	16QAM	23155	25RB#0	-25.32	PASS
Band12	10MHz	QPSK	23060	50RB#0	-29.78,-27.76	PASS
Band12	10MHz	QPSK	23130	50RB#0	-28.37,-29.64	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.93,-28.97	PASS
Band12	10MHz	16QAM	23130	50RB#0	-29.84,-31.99	PASS

Test Graphs

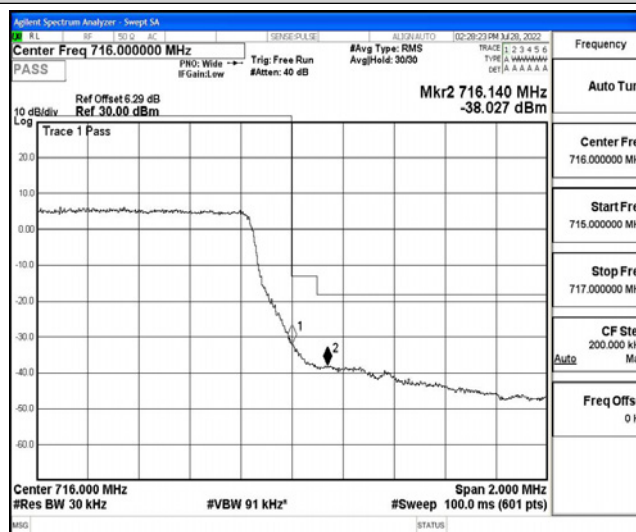




Band12-1.4MHz-16QAM-23017-6RB#0

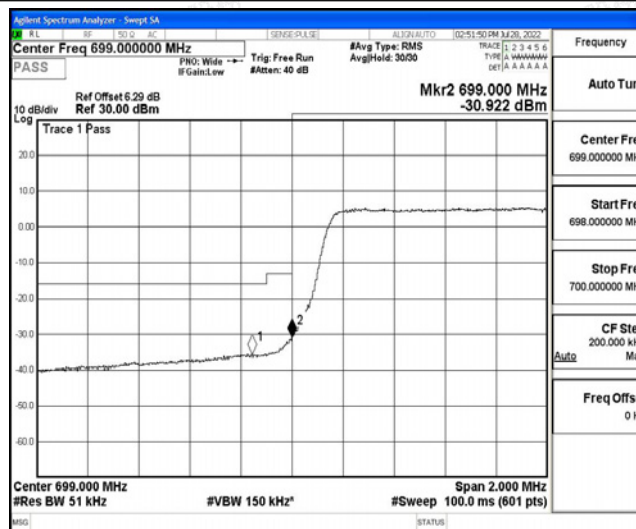


Band12-1.4MHz-16QAM-23173-6RB#0

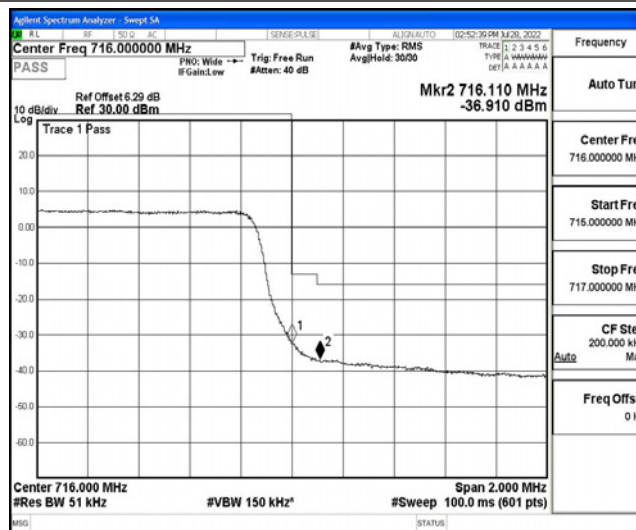


Band12-3MHz-QPSK-23025-15RB#0

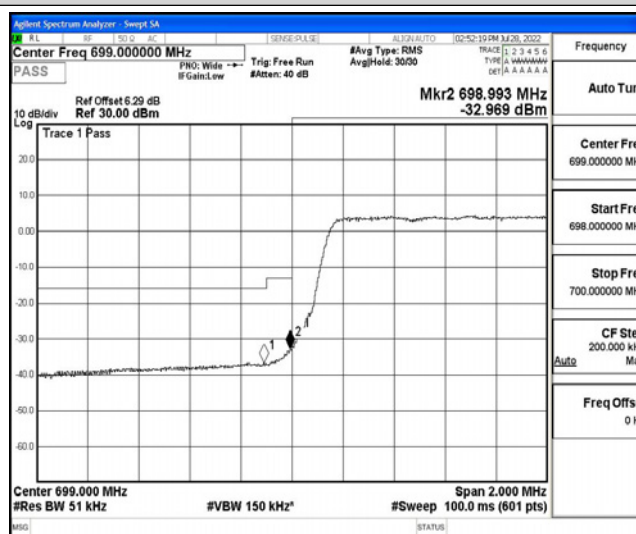




Band12-3MHz-QPSK-23165-15RB#0

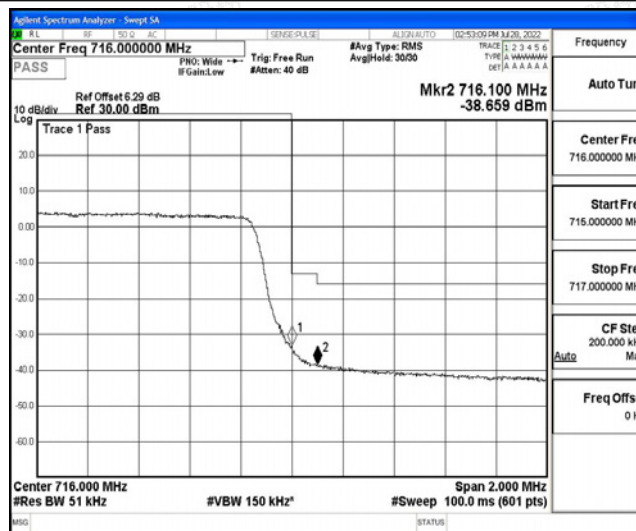


Band12-3MHz-16QAM-23025-15RB#0

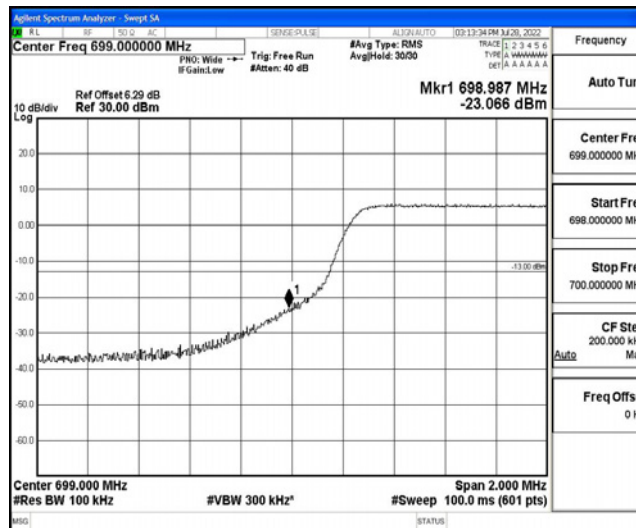


Band12-3MHz-16QAM-23165-15RB#0

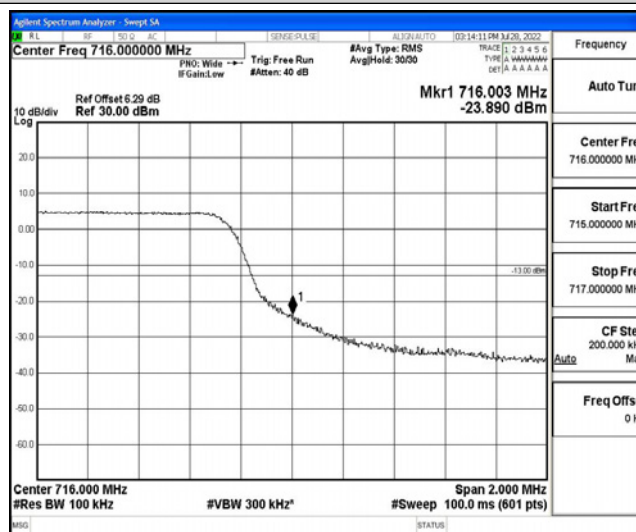




Band12-5MHz-QPSK-23035-25RB#0

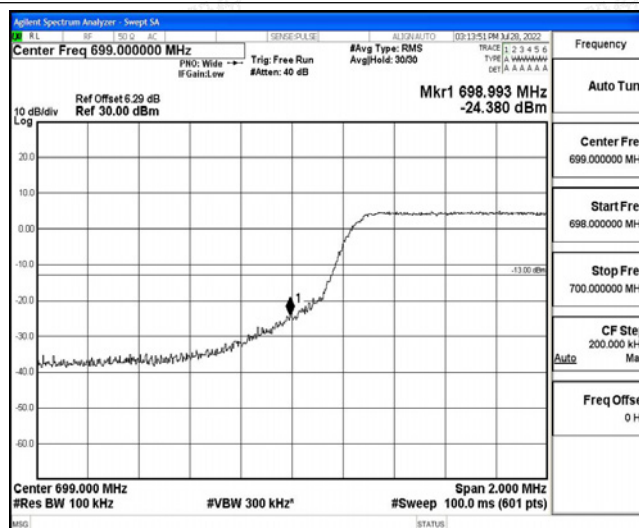


Band12-5MHz-QPSK-23155-25RB#0

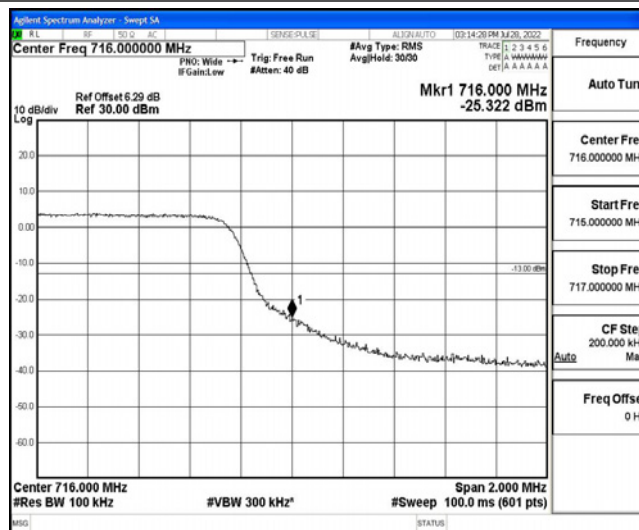


Band12-5MHz-16QAM-23035-25RB#0

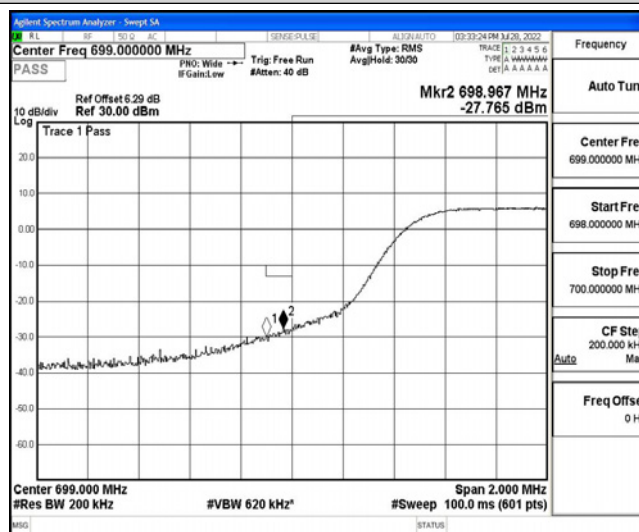




Band12-5MHz-16QAM-23155-25RB#0

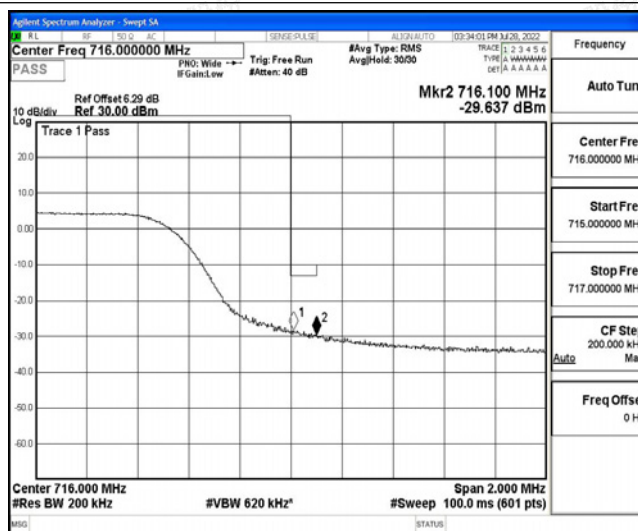


Band12-10MHz-QPSK-23060-50RB#0

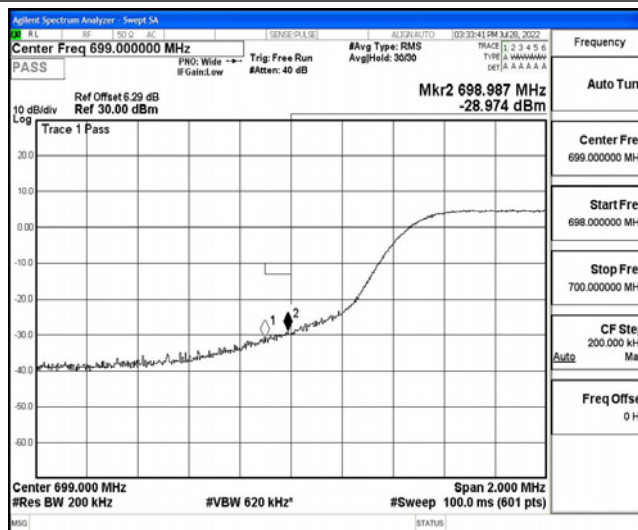


Band12-10MHz-QPSK-23130-50RB#0

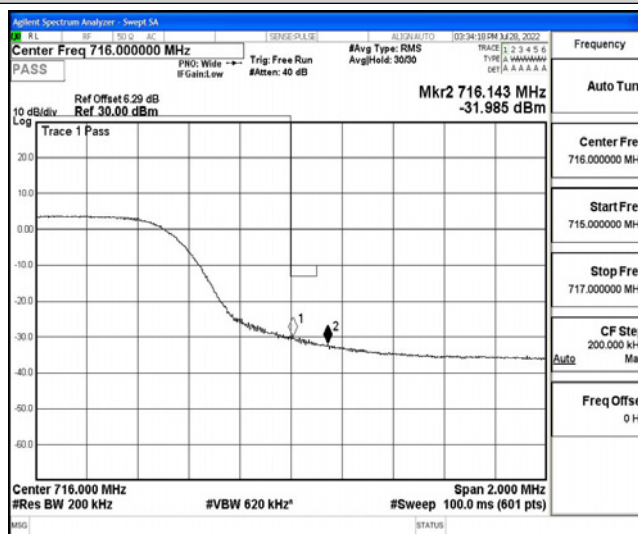




Band12-10MHz-16QAM-23060-50RB#0



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





I.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	-56.11	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-51.34	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-39.96	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-41.99	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.17	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-49.17	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.97	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-43.1	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-56.56	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-51.26	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-41.11	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-56.01	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-51.06	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-40.73	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-42.68	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.16	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.96	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43.98	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-56.09	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-52.66	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-40.01	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-56.65	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-52.22	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-40.19	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-41.64	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.19	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-49.49	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.14	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.49	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-55.82	PASS





Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-51.91	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-39.94	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-54.88	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-50.25	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.7	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-42.08	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.1	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-49.54	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.3	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.56	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-57.24	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-49.94	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-40.26	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-55.63	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-52.47	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-40.73	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-41.95	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.96	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.16	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.69	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.78	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-56.2	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-53.13	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-40.66	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-43.71	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-56.26	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-50.35	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-40.22	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-42.59	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.38	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.31	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.25	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-54.45	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-48.87	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-40.49	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-43.87	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-55.92	PASS



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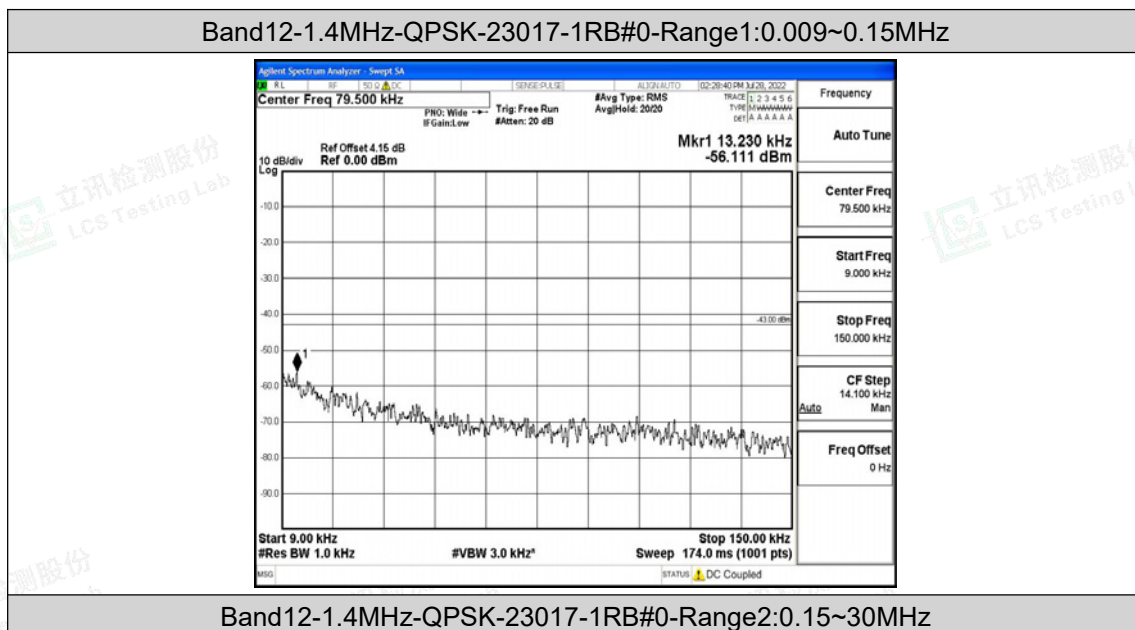
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

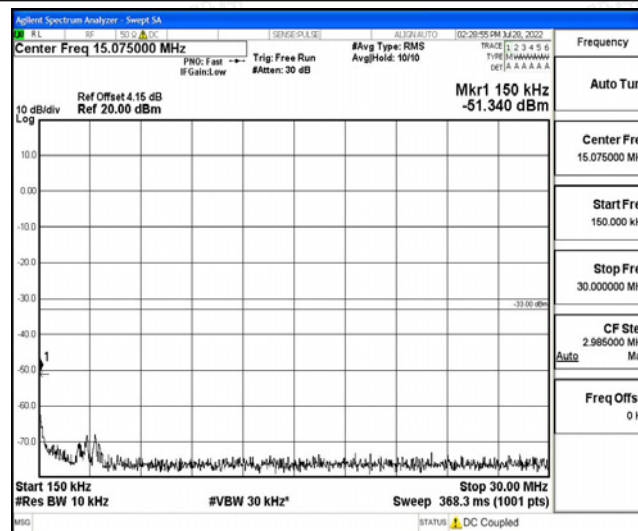
Scan code to check authenticity



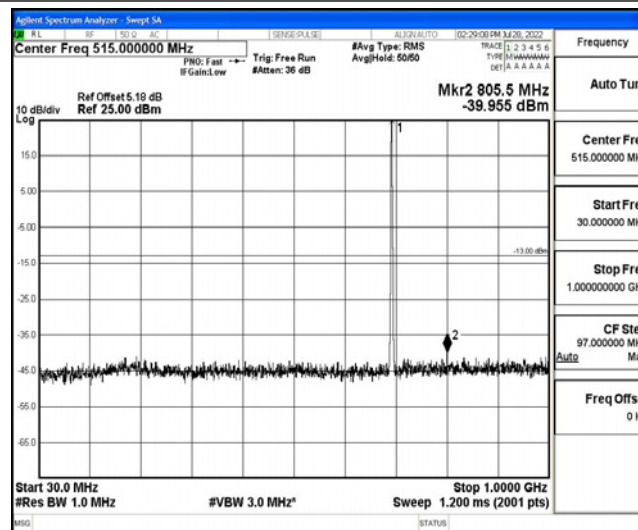
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-50.79	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-40.73	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-42.01	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-56.48	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.27	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-41.09	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-54.54	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-52.3	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-39.03	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-43.6	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-54.89	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-51.8	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-40.82	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-43.05	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.35	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.44	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.09	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-45.09	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-54.46	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-40.75	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-44.36	PASS

Test Graphs

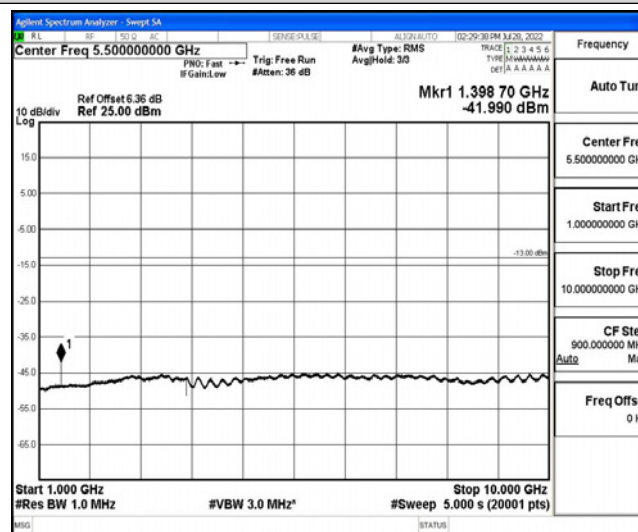




Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz

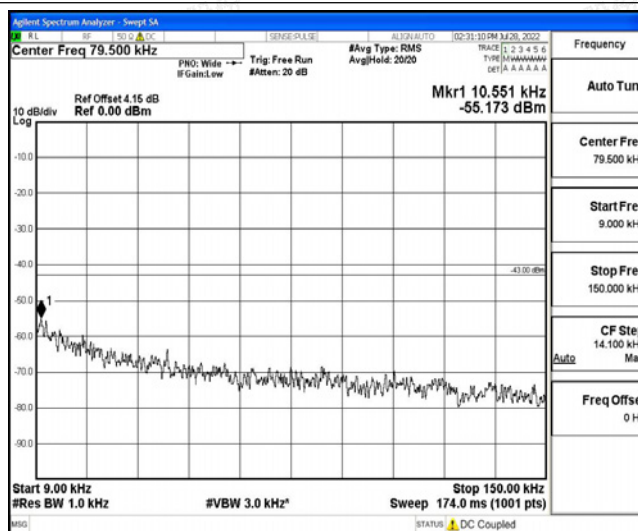


Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz

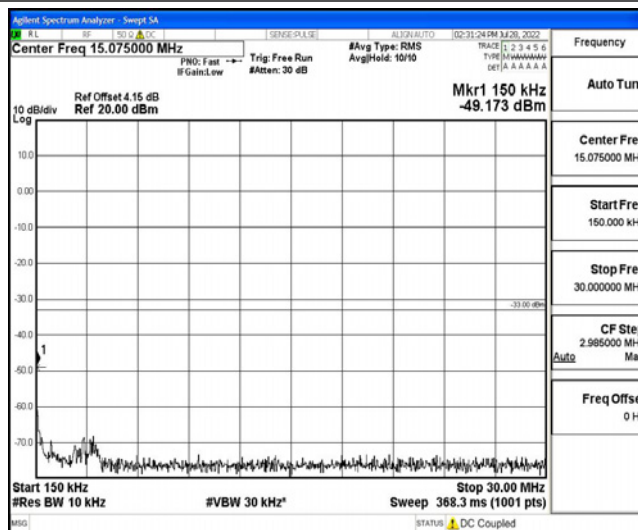


Band12-1.4MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

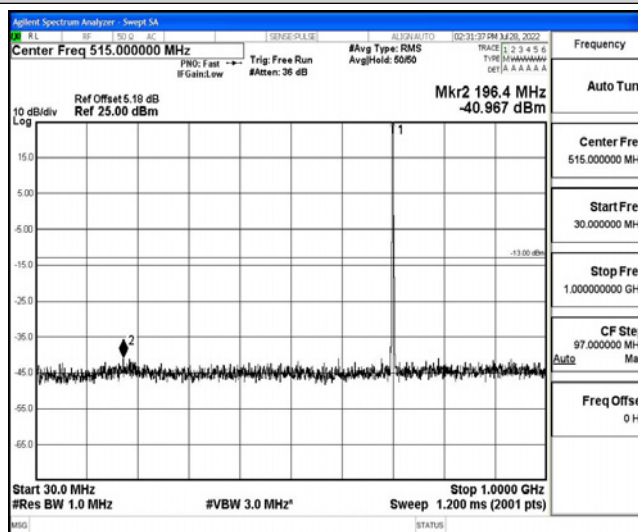




Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



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



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

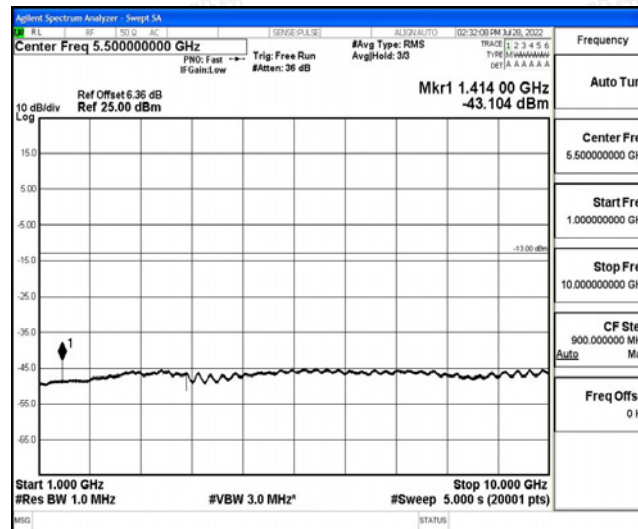


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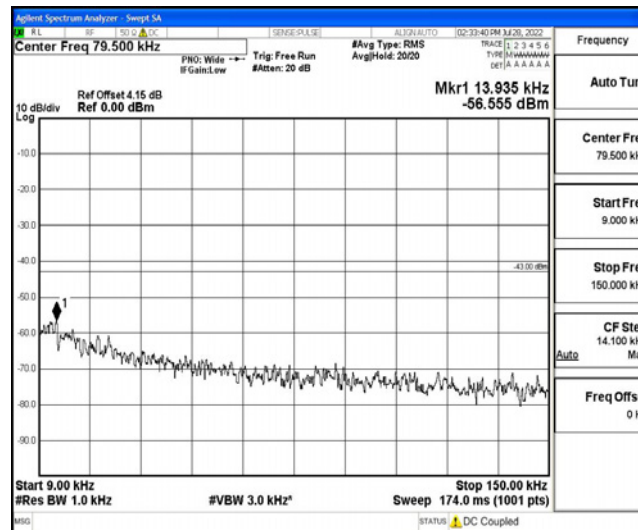
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

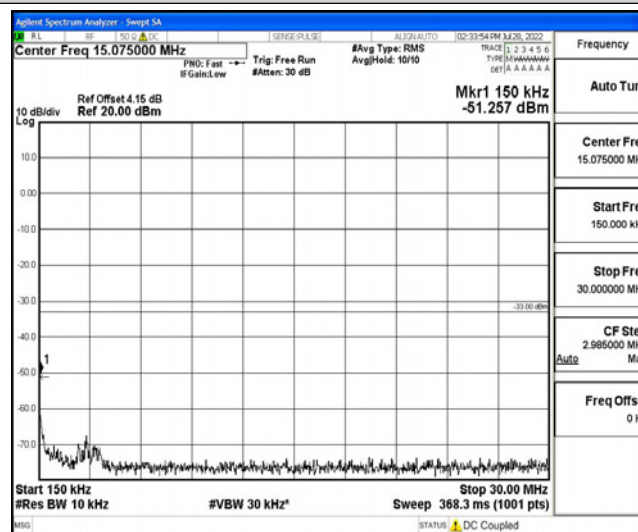
Scan code to check authenticity



Band12-1.4MHz-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

