



Appendix E Test Data for E-UTRA Band 12

Product Name: Smartphone

Test Model: UBS

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Nick Peng



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
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E.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.99	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.88	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.95	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.79	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.00	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.92	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.75	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.73	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.73	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.72	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.68	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.67	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.87	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.05	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.56	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.85	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.65	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.04	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.68	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.02	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.87	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	23.83	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.80	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	23.91	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.93	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.93	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.95	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.94	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.94	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.53	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.02	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.63	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.04	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.58	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.13	PASS



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Band12	1.4MHz	16QAM	23173	3RB#0	24.13	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.12	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	24.12	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.19	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	24.18	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.27	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.70	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.43	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.32	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.38	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.38	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.40	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.57	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.51	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.66	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.66	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.65	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.65	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.65	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.65	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.80	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.60	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.38	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.72	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.45	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.79	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.49	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.74	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.73	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.73	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.73	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.73	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.73	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.73	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.81	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.06	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.43	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.02	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.46	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.09	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.85	PASS



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Band12	3MHz	QPSK	23165	8RB#0	23.05	PASS
Band12	3MHz	16QAM	23165	8RB#0	23.15	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.15	PASS
Band12	3MHz	16QAM	23165	8RB#4	23.15	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.15	PASS
Band12	3MHz	16QAM	23165	8RB#7	23.15	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.15	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.20	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.48	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.06	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.60	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.05	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.49	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.12	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.53	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.51	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.67	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.67	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.53	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.54	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.54	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.83	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.48	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.93	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.53	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.04	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.59	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.23	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.60	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.61	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.61	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.61	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.81	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.81	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.83	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.91	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.78	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.63	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.85	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.80	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.98	PASS



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Band12	5MHz	16QAM	23155	1RB#24	22.87	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.91	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.95	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.91	PASS
Band12	5MHz	16QAM	23155	12RB#6	23.08	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.15	PASS
Band12	5MHz	16QAM	23155	12RB#13	23.15	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.05	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.30	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.46	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.83	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.39	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.79	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.53	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.90	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.67	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.51	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.50	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.50	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.73	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.73	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.69	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.73	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.69	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.56	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.80	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.81	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.99	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.93	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.70	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.70	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.70	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.70	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.80	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.83	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.86	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.93	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.45	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.36	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.74	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.63	PASS



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Band12	10MHz	QPSK	23130	1RB#49	23.84	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.78	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.76	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.81	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.81	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.80	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.08	PASS
Band12	10MHz	16QAM	23130	25RB#25	23.09	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.95	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.16	PASS





E.2 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	4.80	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.28	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.50	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.27	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.61	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.57	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.41	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.07	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.03	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.49	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.66	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.43	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.06	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.68	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.55	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.33	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.83	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.61	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.49	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.23	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.46	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.36	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.93	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.70	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.93	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.66	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.69	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.38	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.90	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.65	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.62	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.24	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.94	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.78	13	PASS



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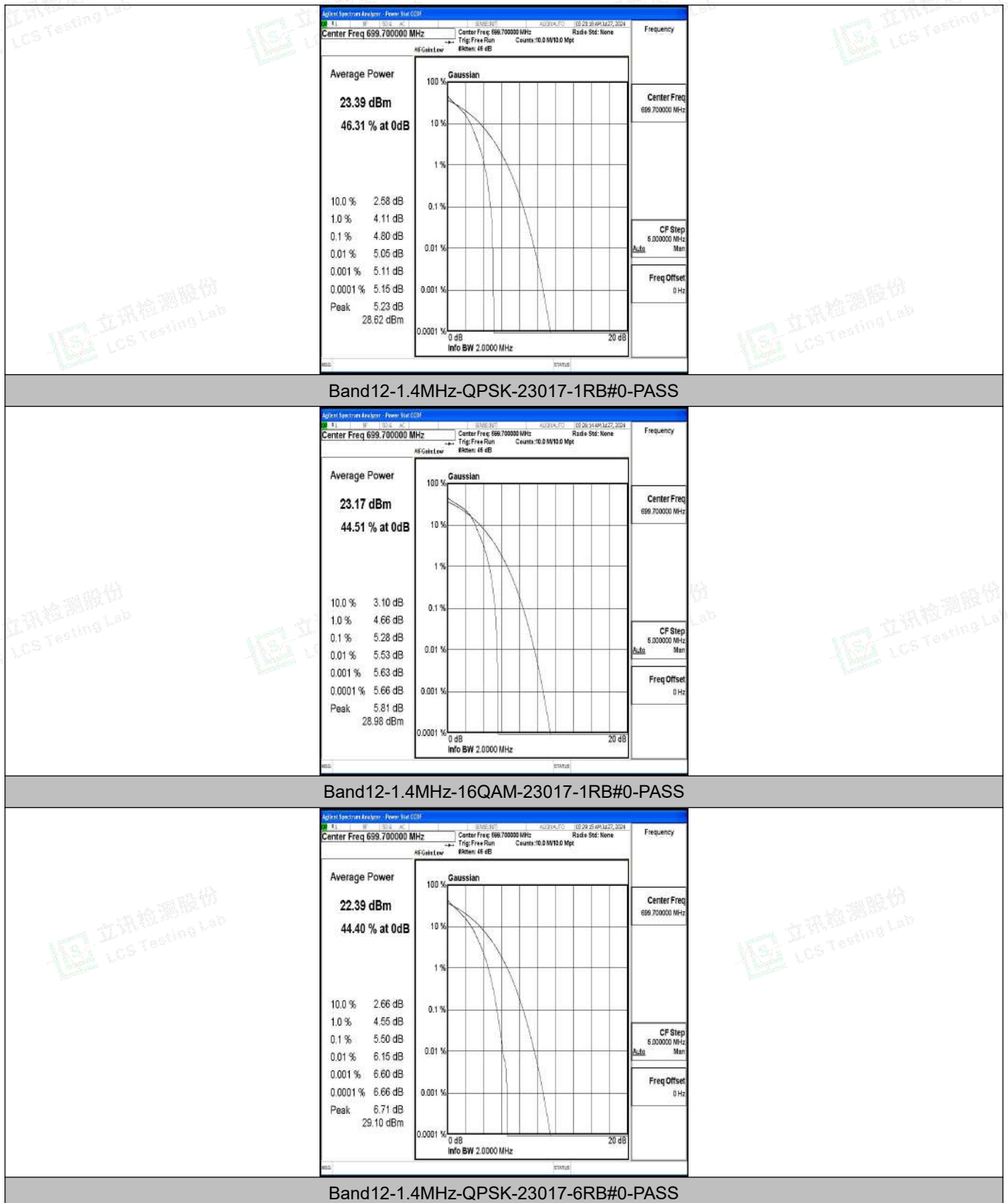


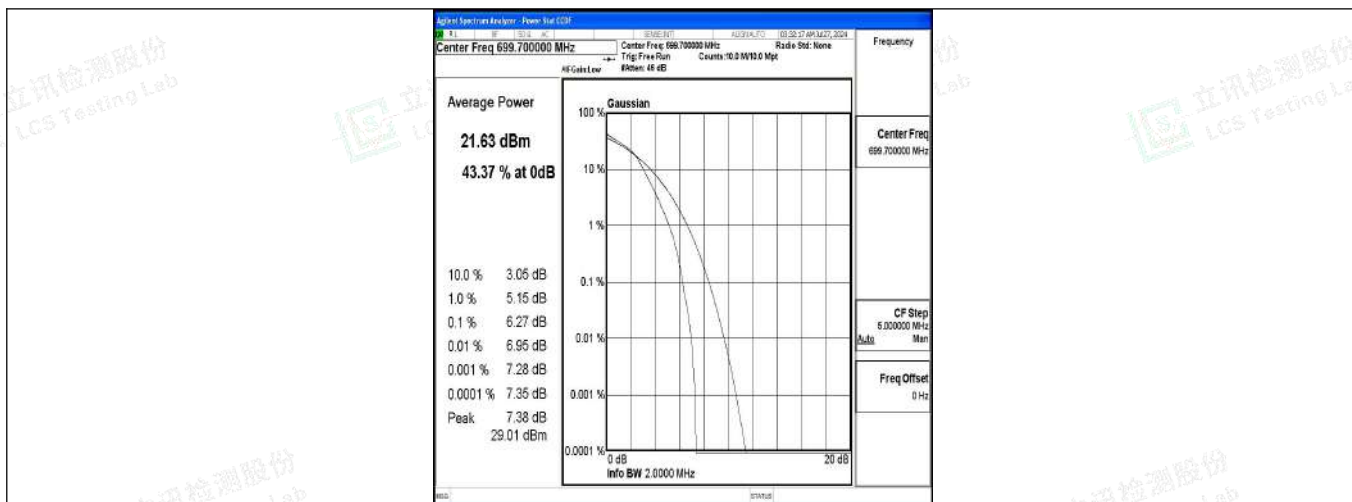
Band12	5MHz	QPSK	23155	25RB#0	5.23	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.94	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.99	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.81	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.57	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.31	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.99	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.74	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.66	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.35	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.67	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.66	13	PASS
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Band12	10MHz	16QAM	23130	50RB#0	6.21	13	PASS



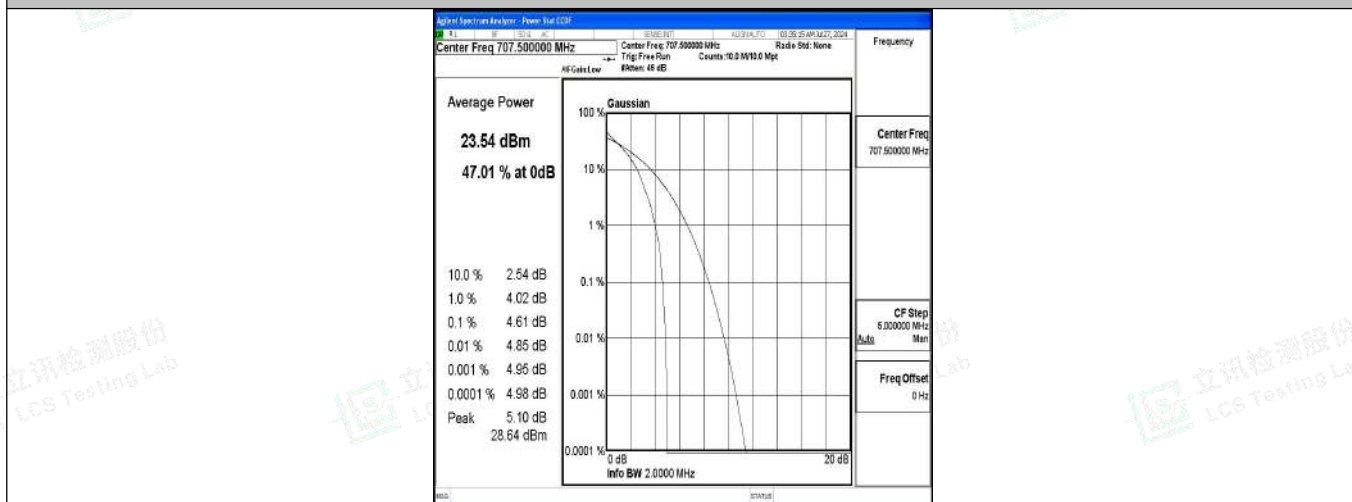


Test Graphs

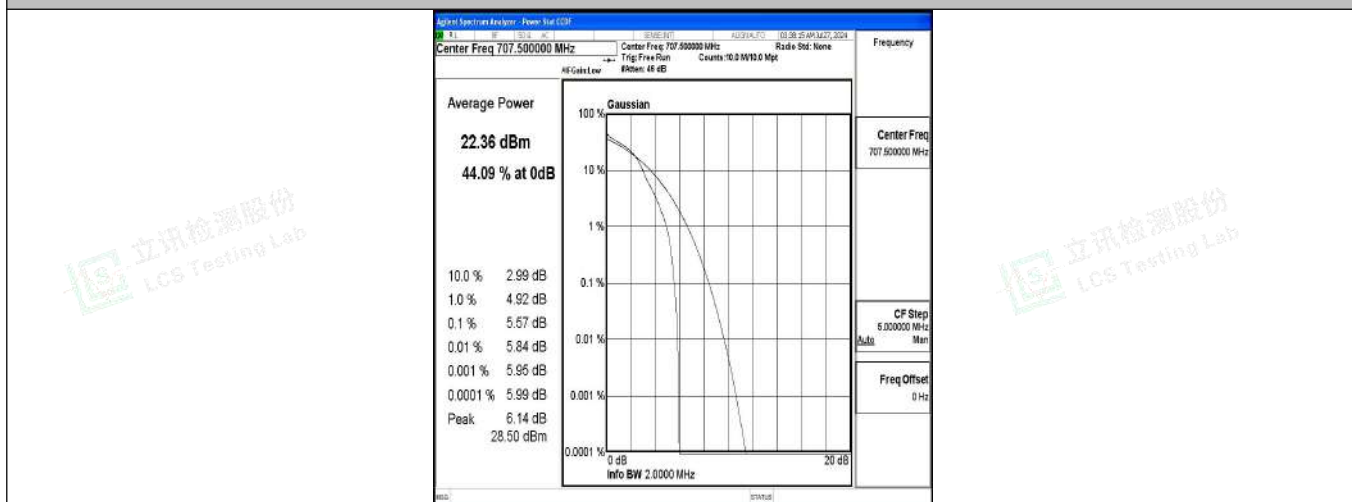




Band12-1.4MHz-16QAM-23017-6RB#0-PASS



Band12-1.4MHz-QPSK-23095-1RB#0-PASS



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

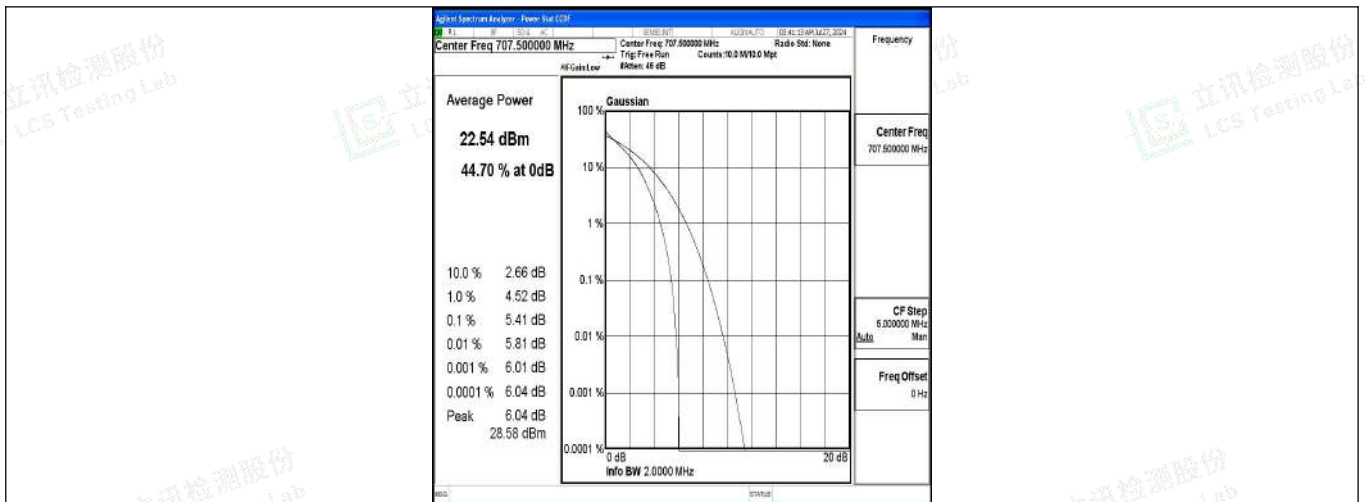


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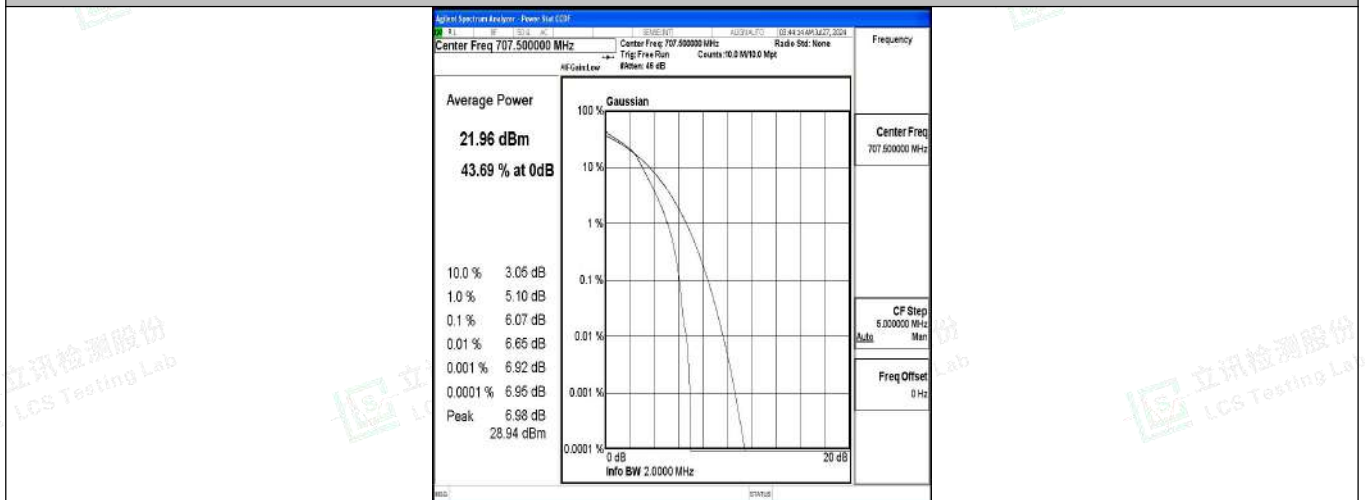
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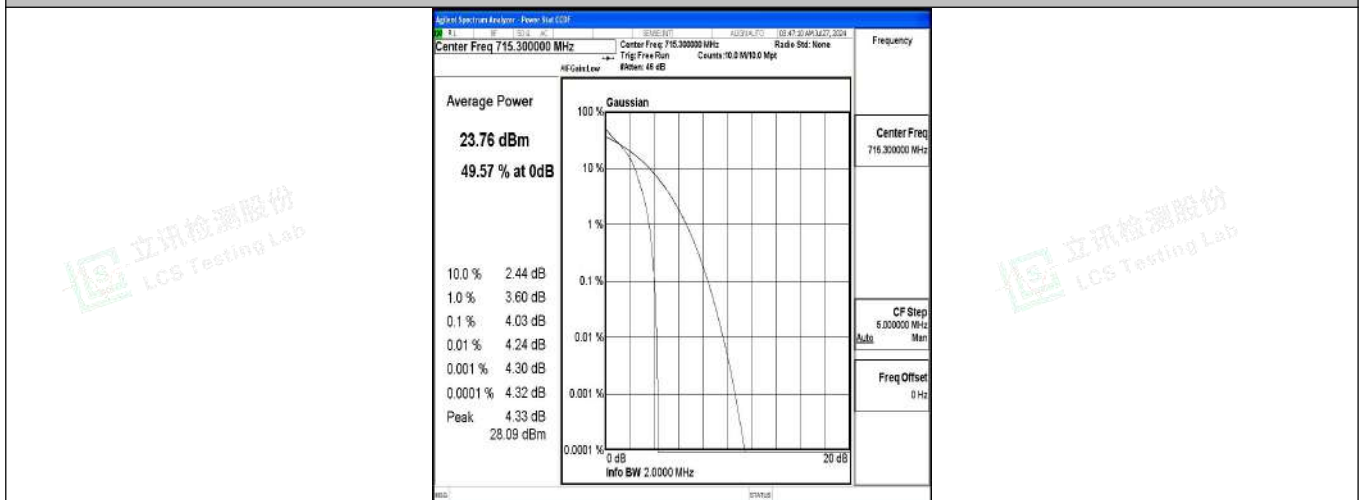
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Band12-1.4MHz-QPSK-23095-6RB#0-PASS

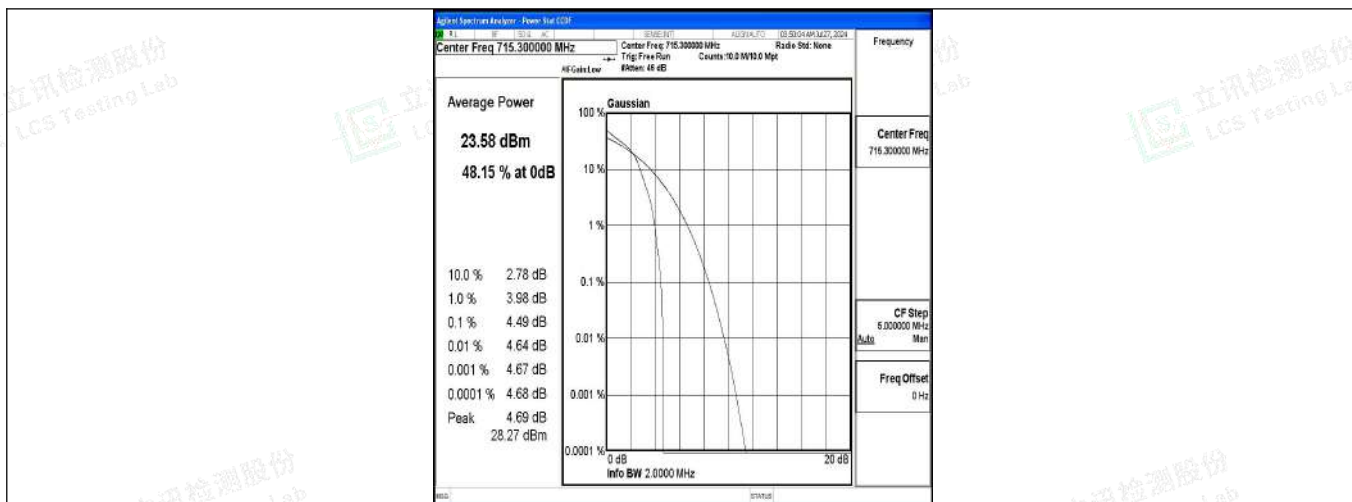


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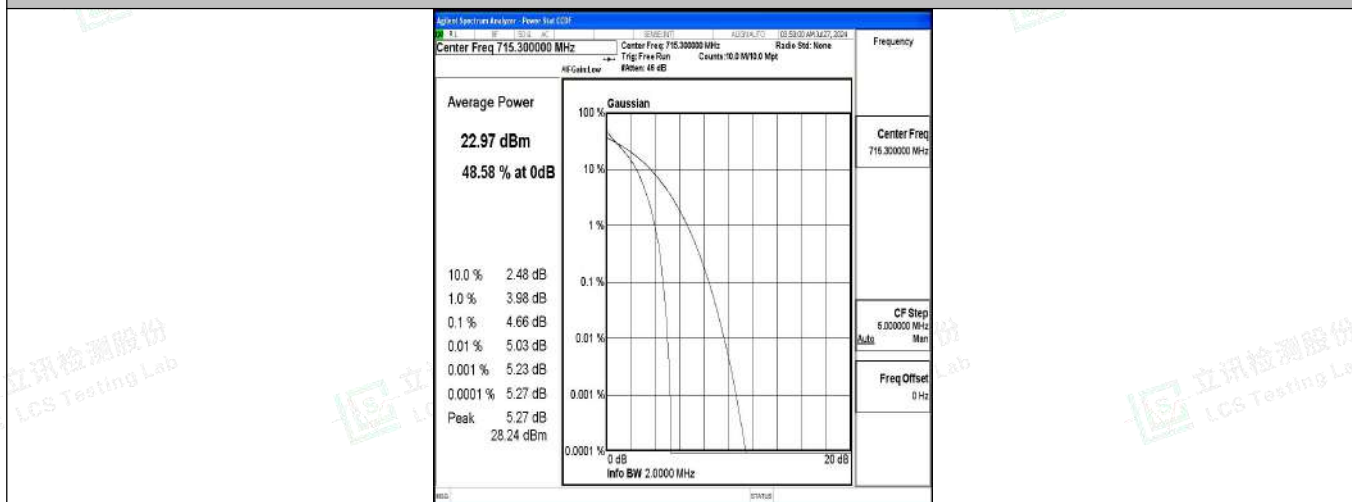


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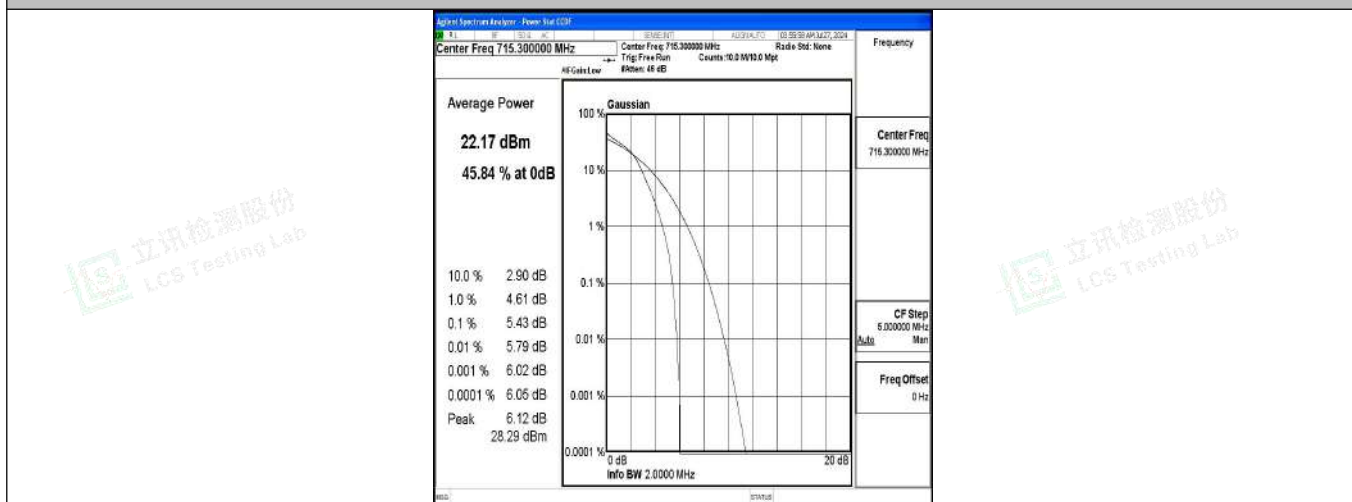




Band12-1.4MHz-16QAM-23173-1RB#0-PASS



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



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

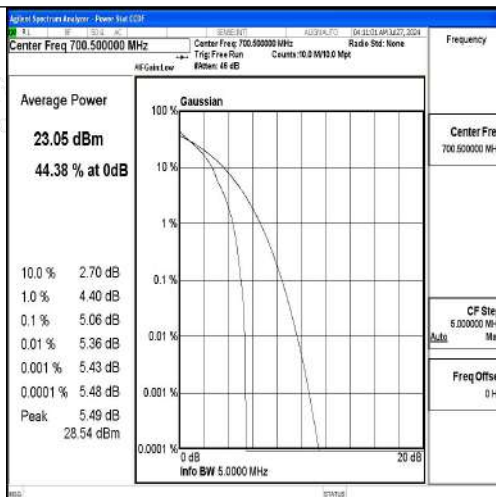


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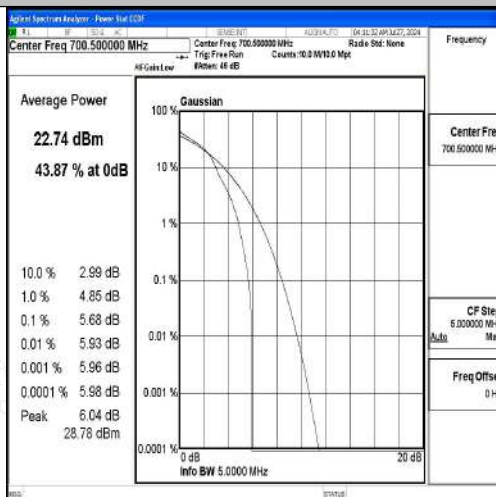
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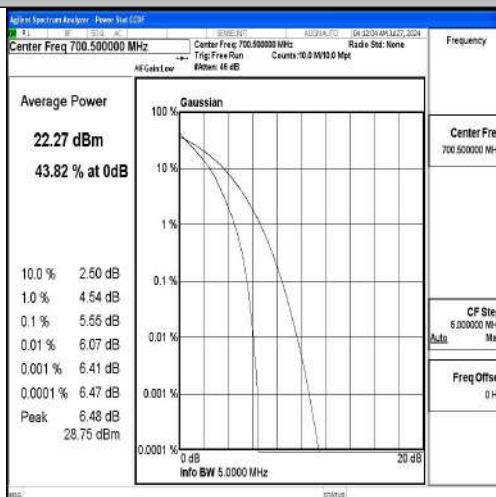
Scan code to check authenticity



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



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



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

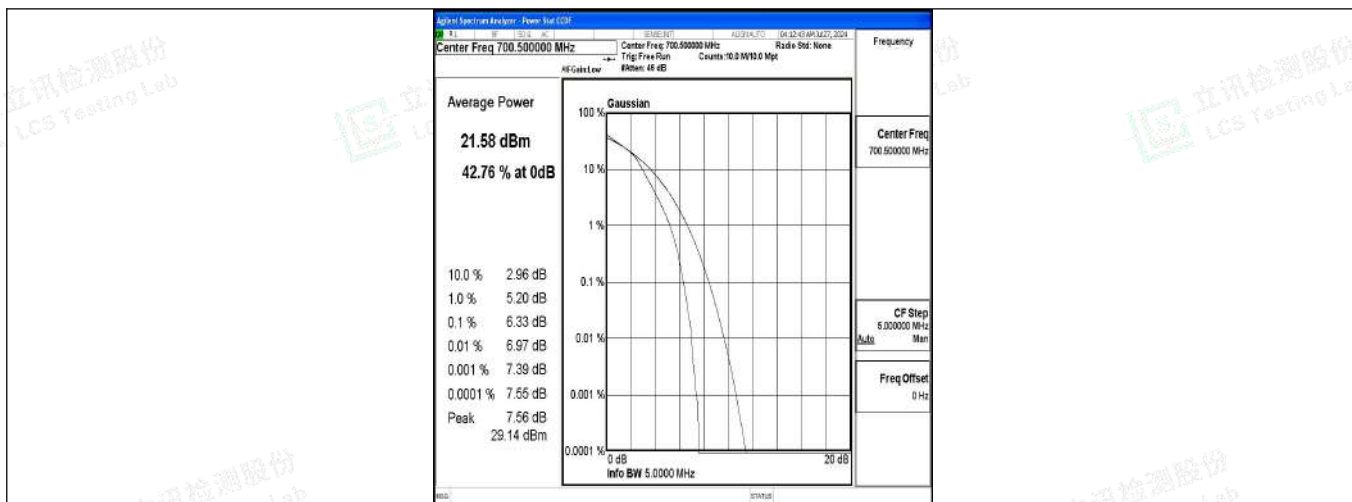


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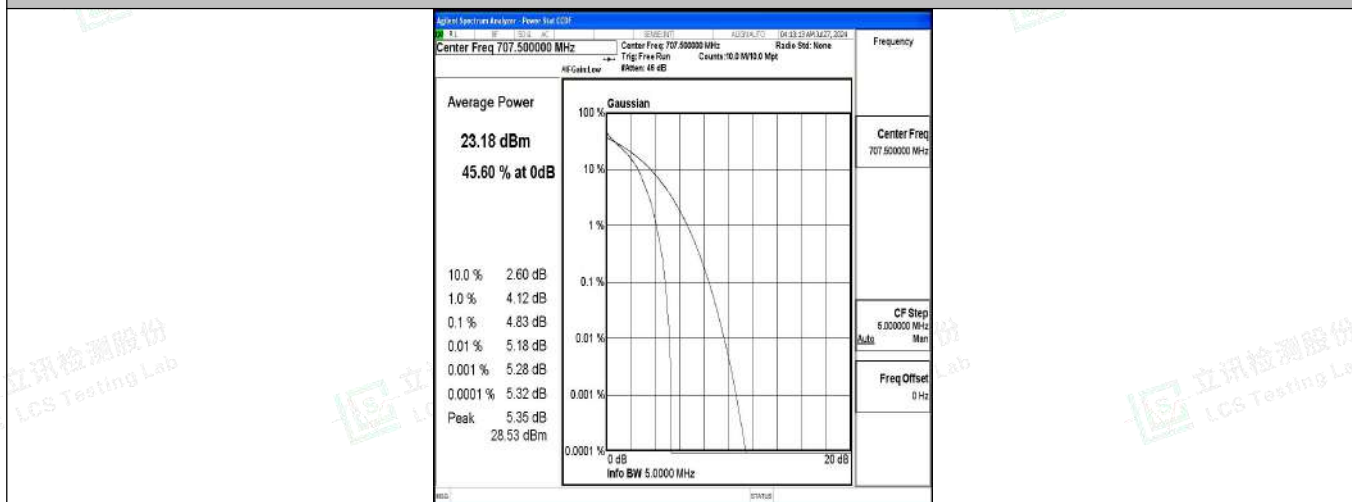
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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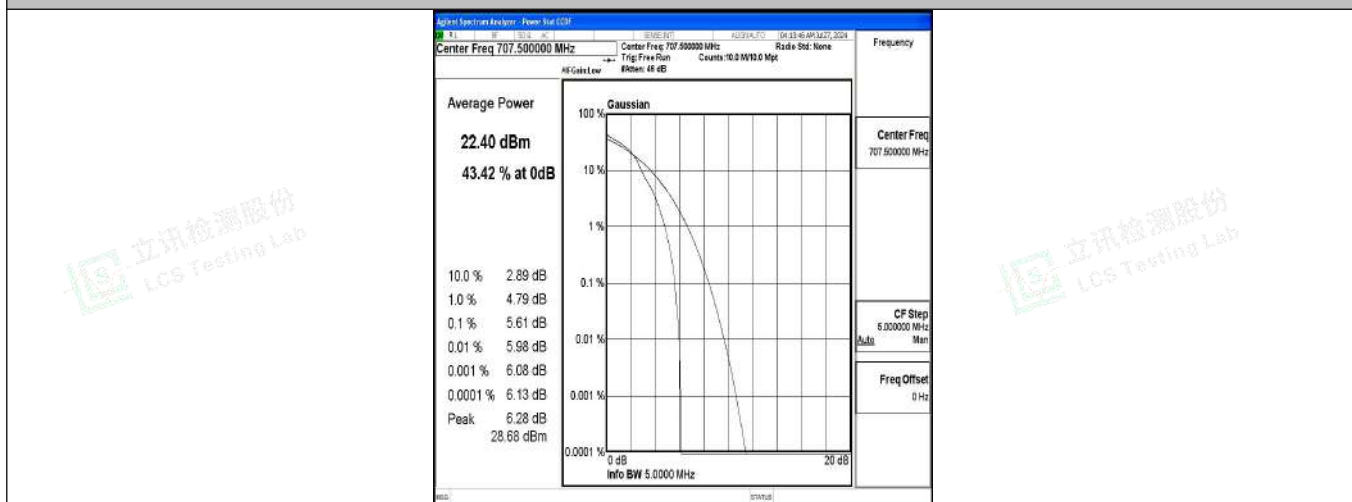
Scan code to check authenticity



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



Band12-3MHz-QPSK-23095-1RB#0-PASS



Band12-3MHz-16QAM-23095-1RB#0-PASS

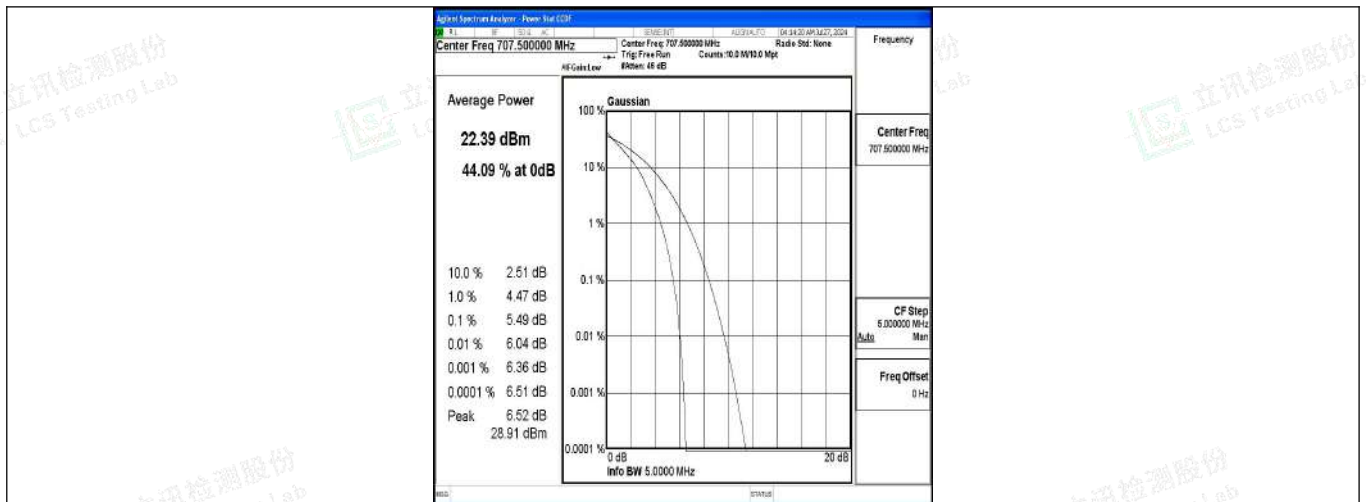


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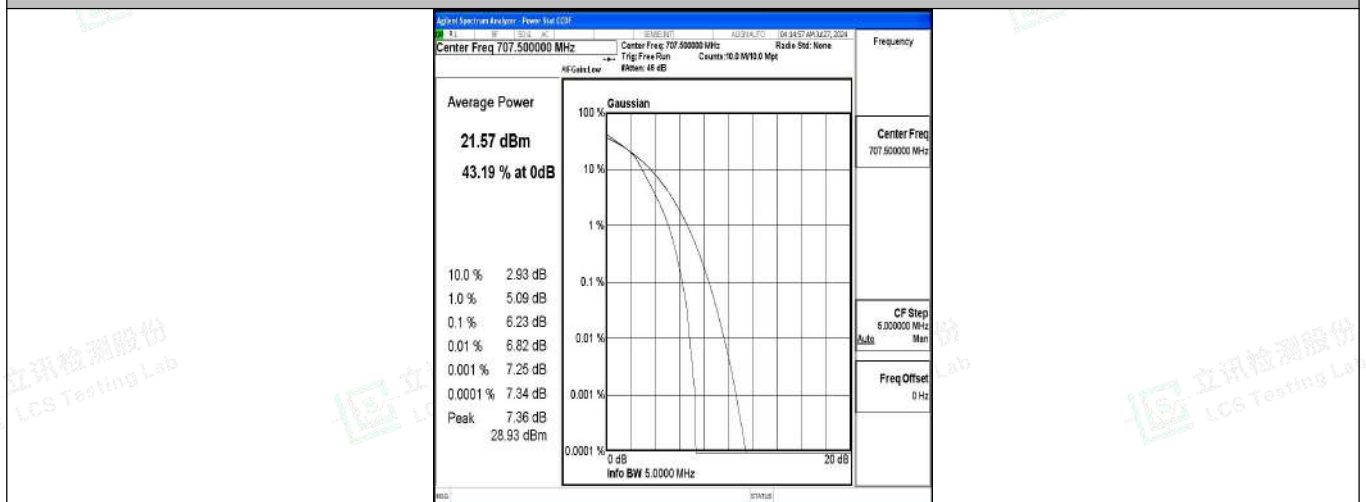
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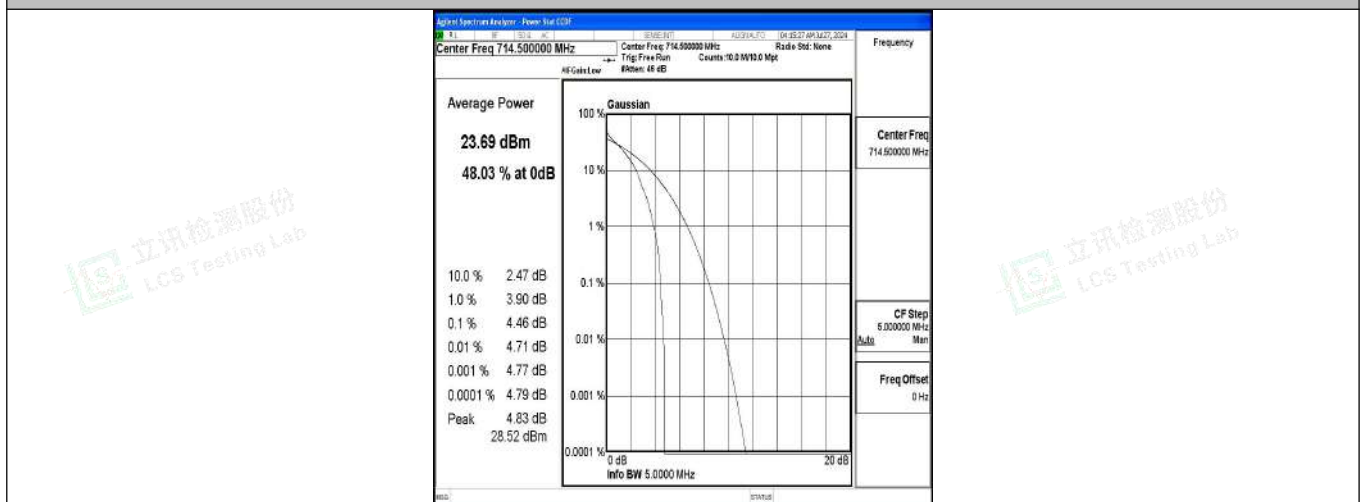
Scan code to check authenticity



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

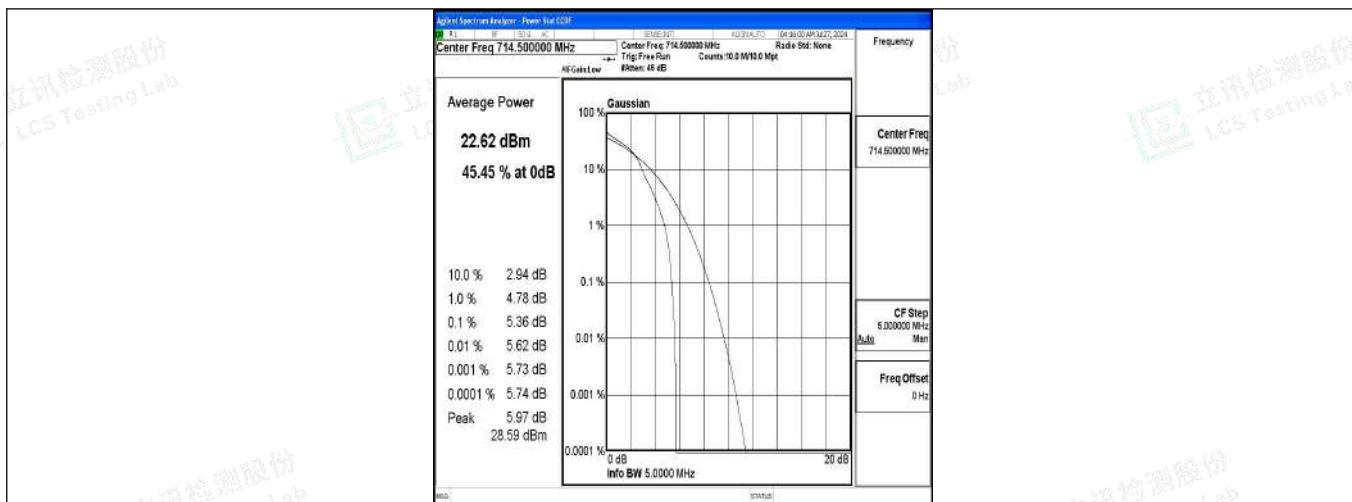


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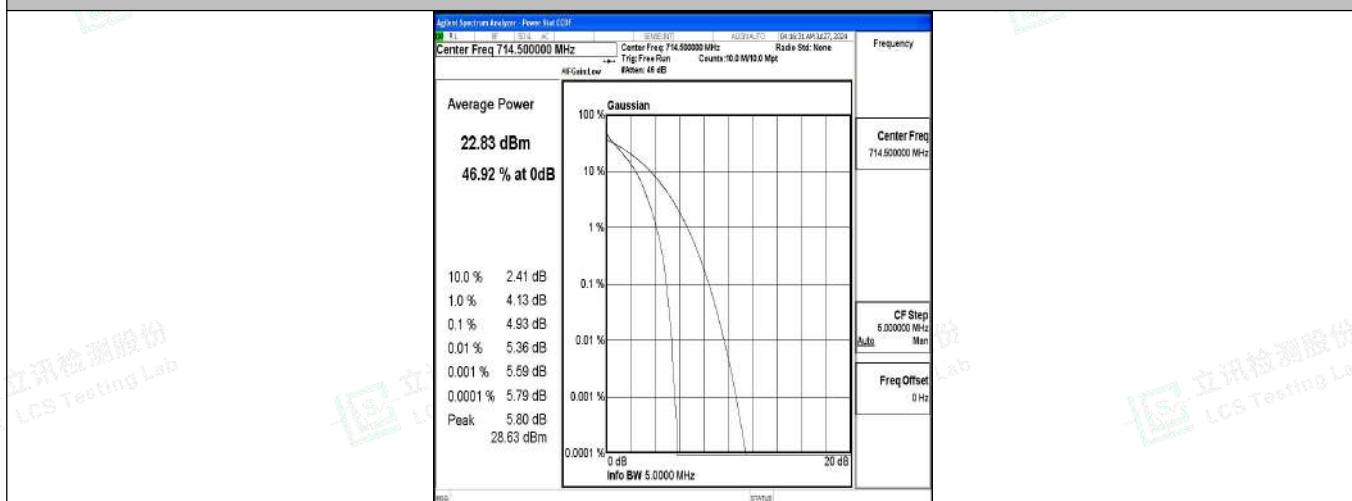


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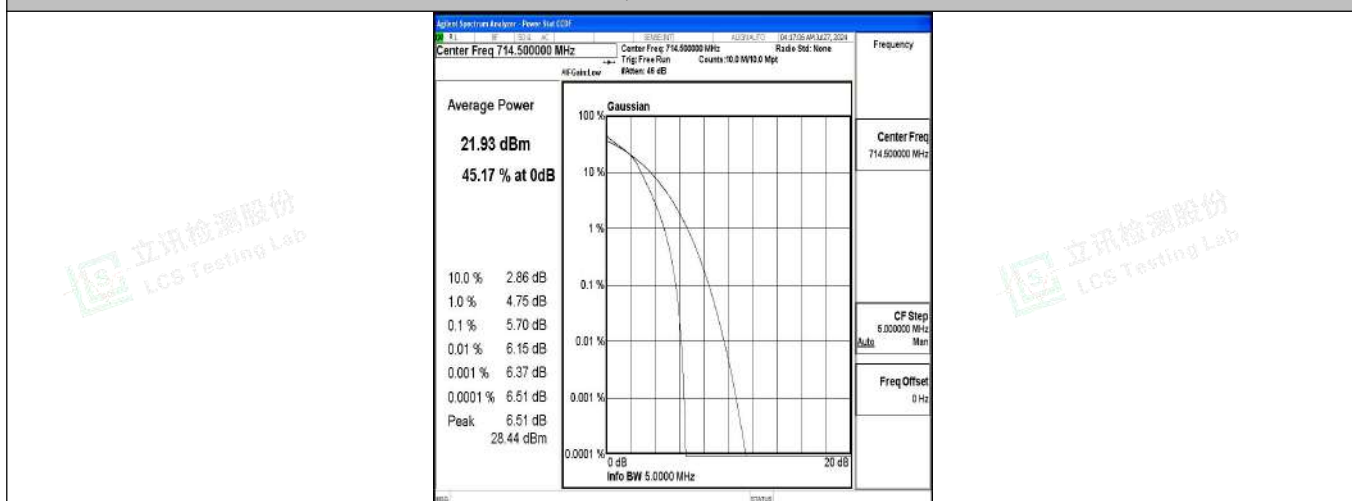




Band12-3MHz-16QAM-23165-1RB#0-PASS



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



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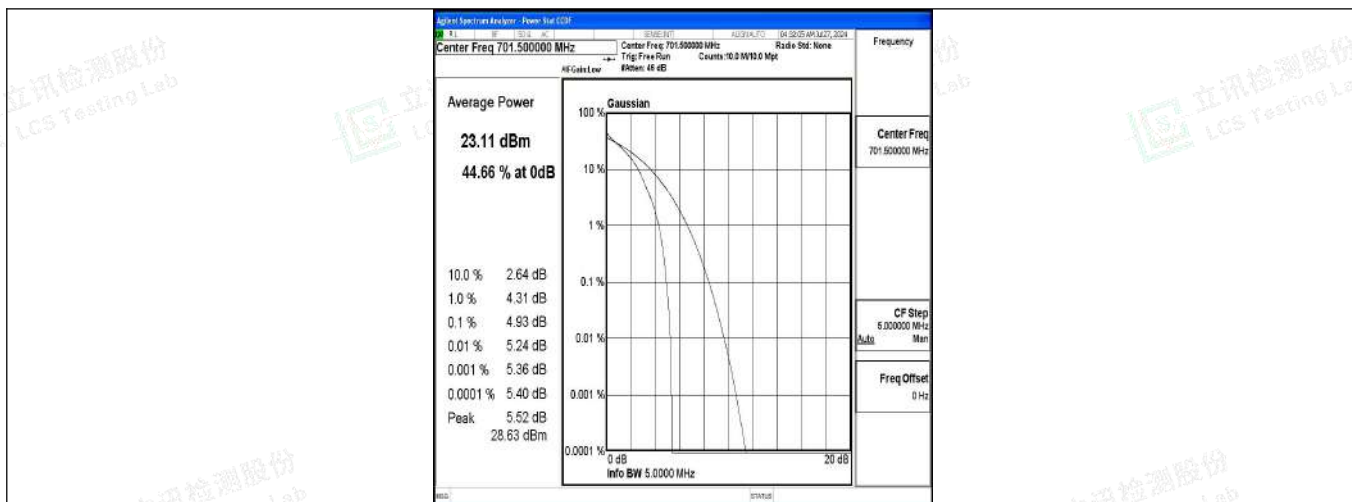


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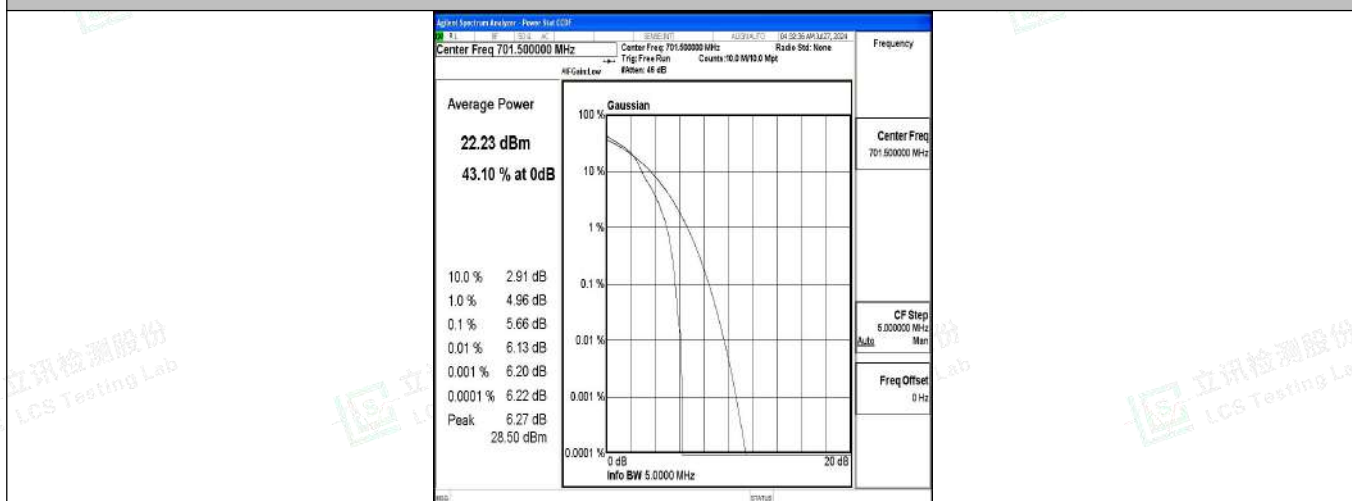
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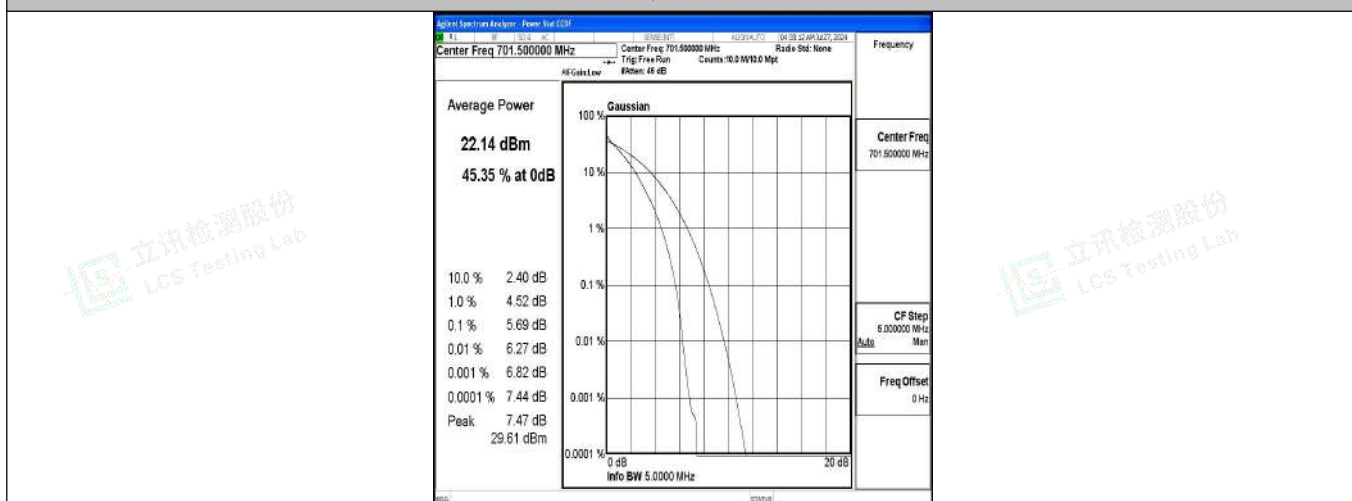
Scan code to check authenticity



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



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



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

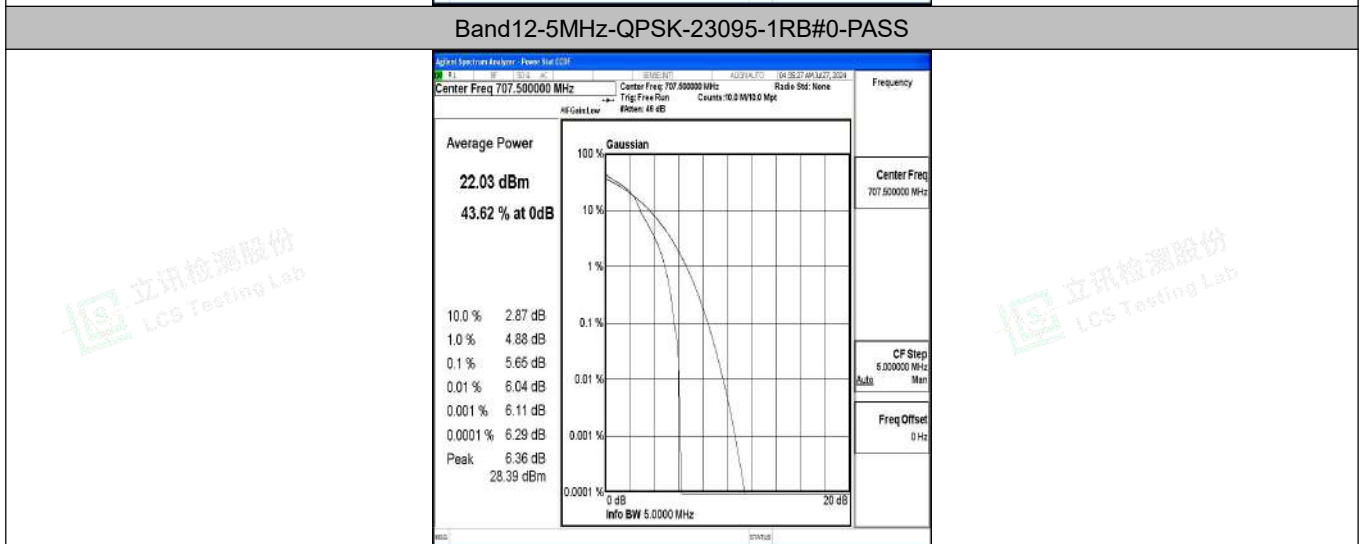
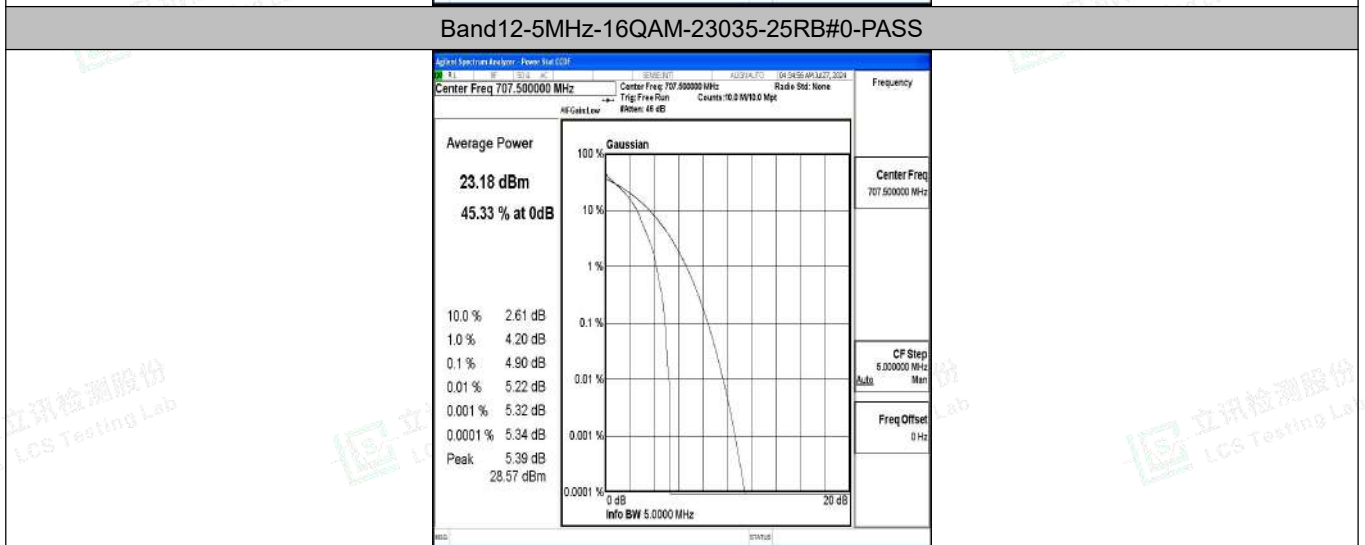
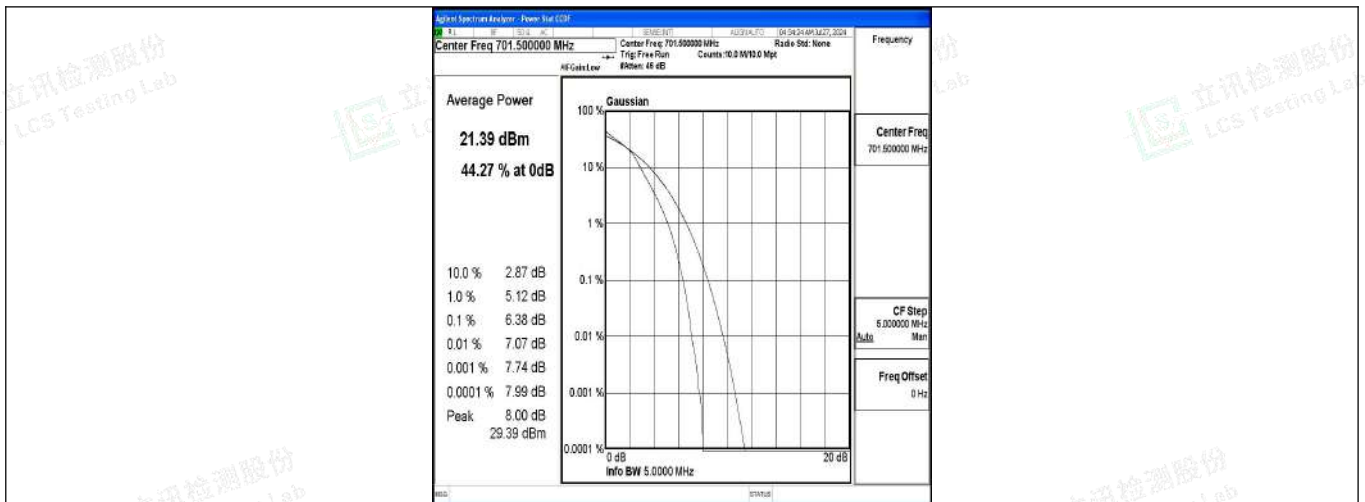


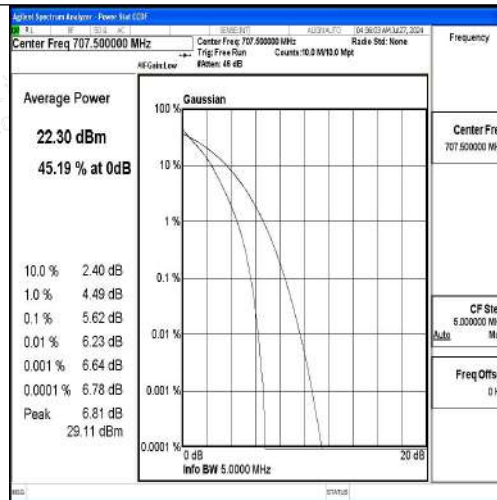
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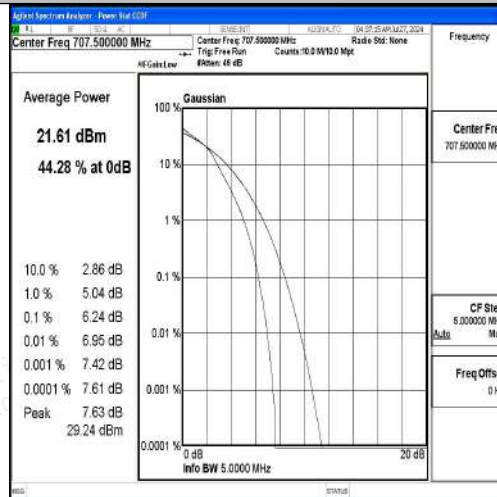
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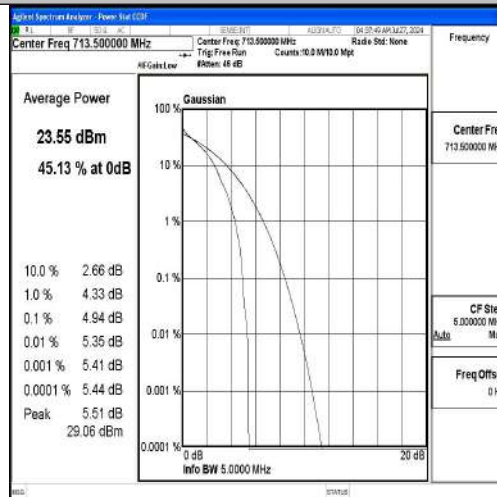




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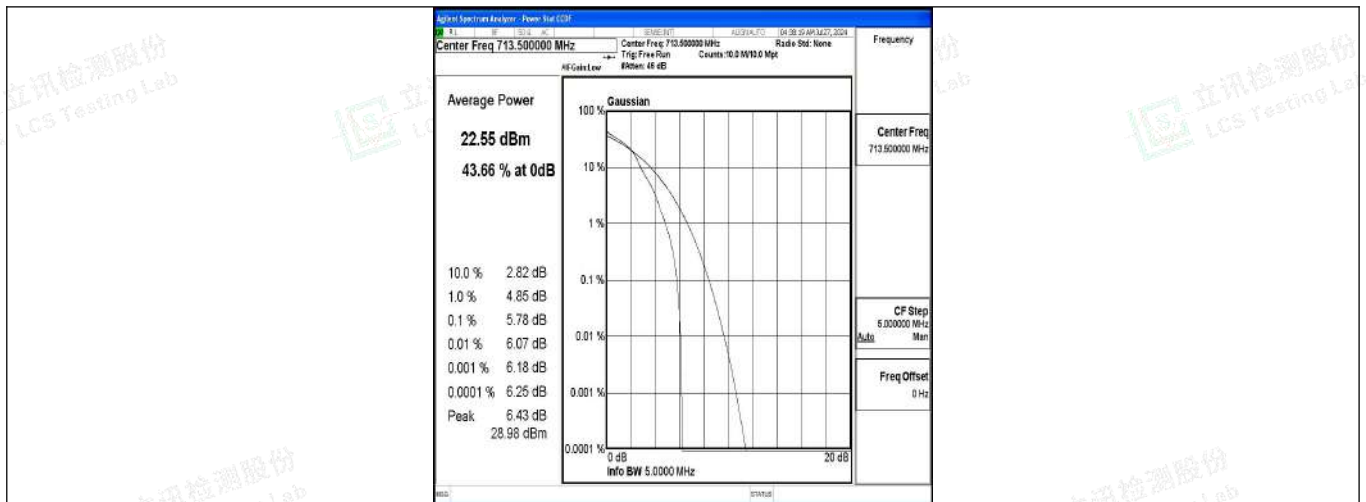


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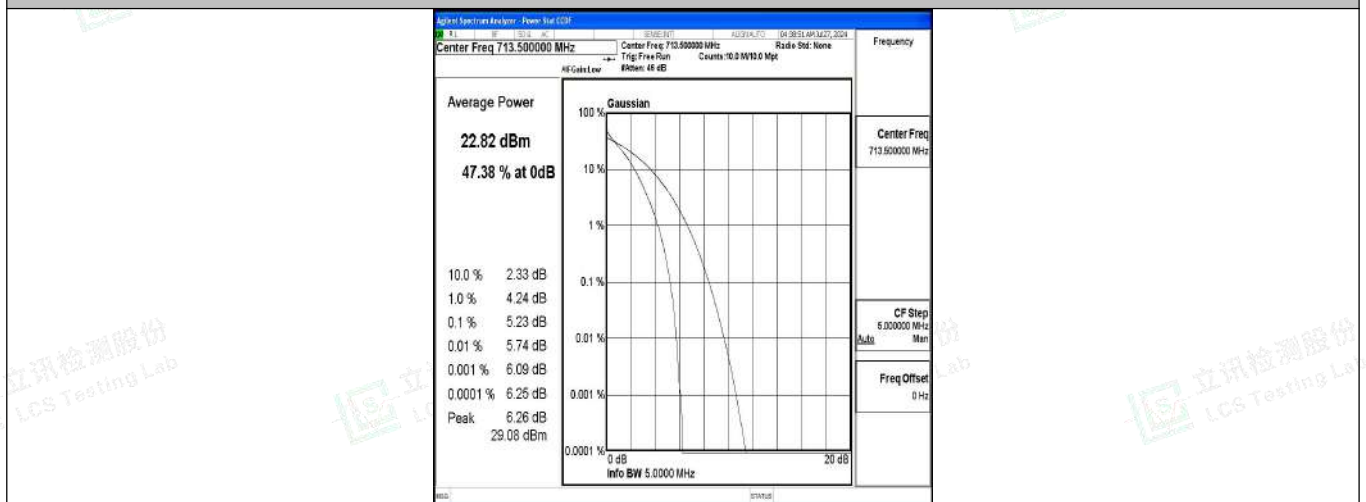


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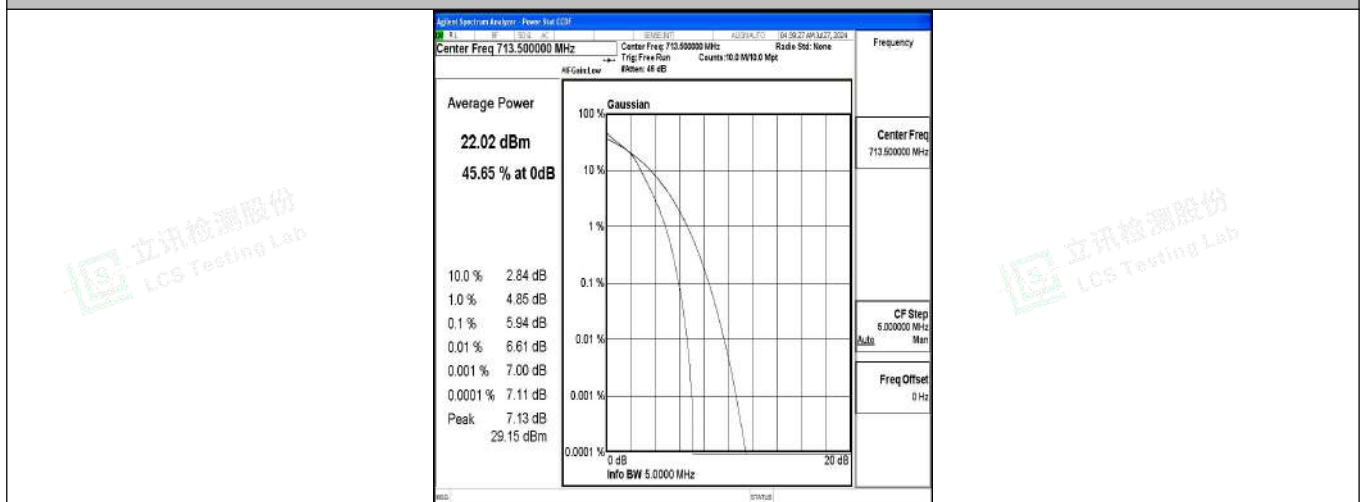




Band12-5MHz-16QAM-23155-1RB#0-PASS



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



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

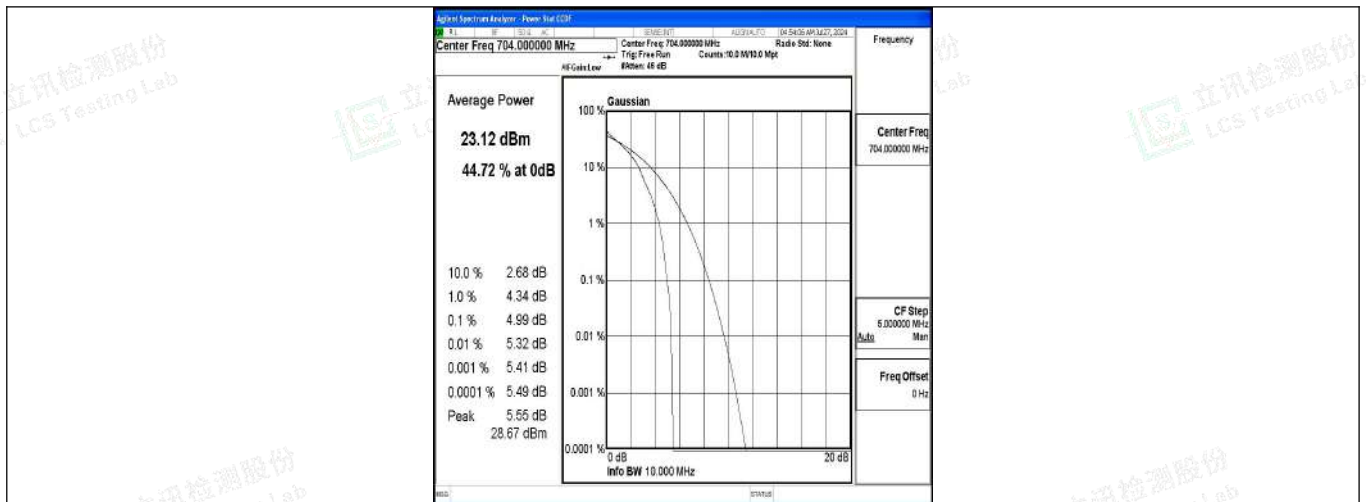


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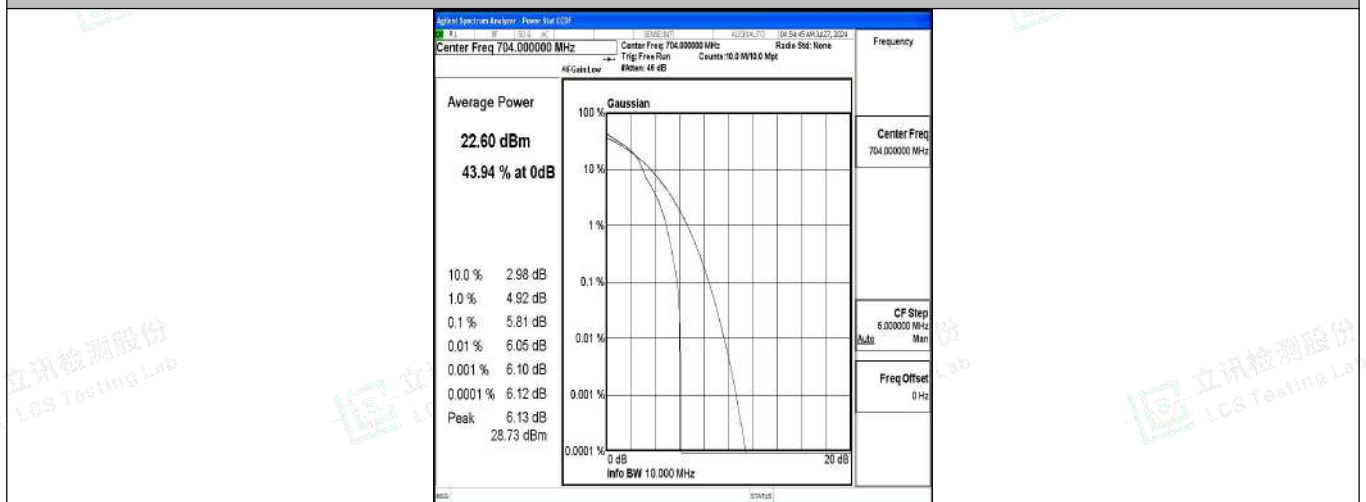
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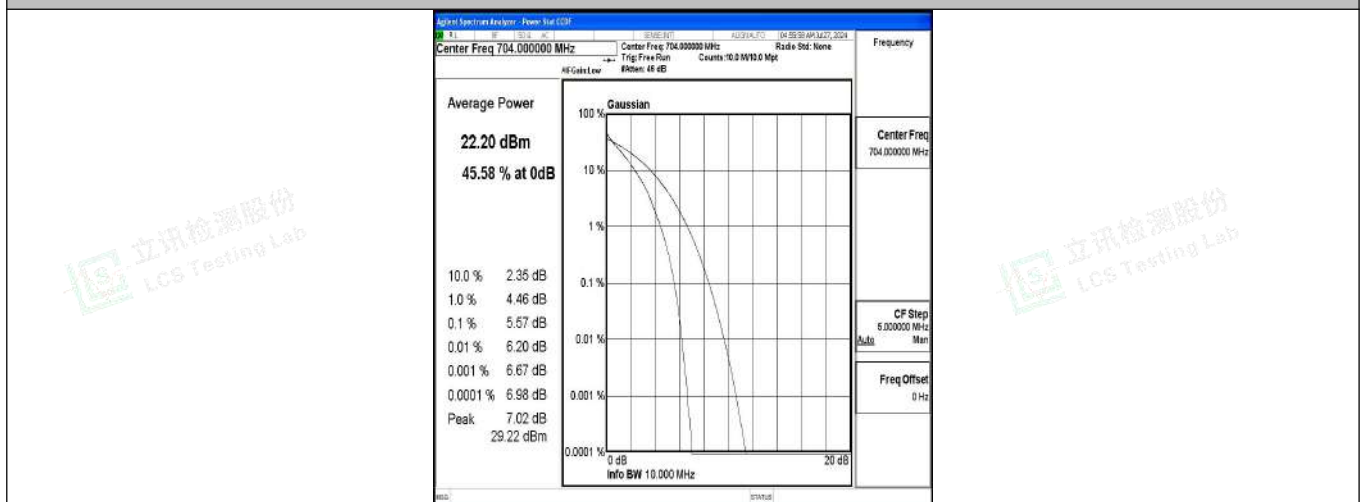
Scan code to check authenticity



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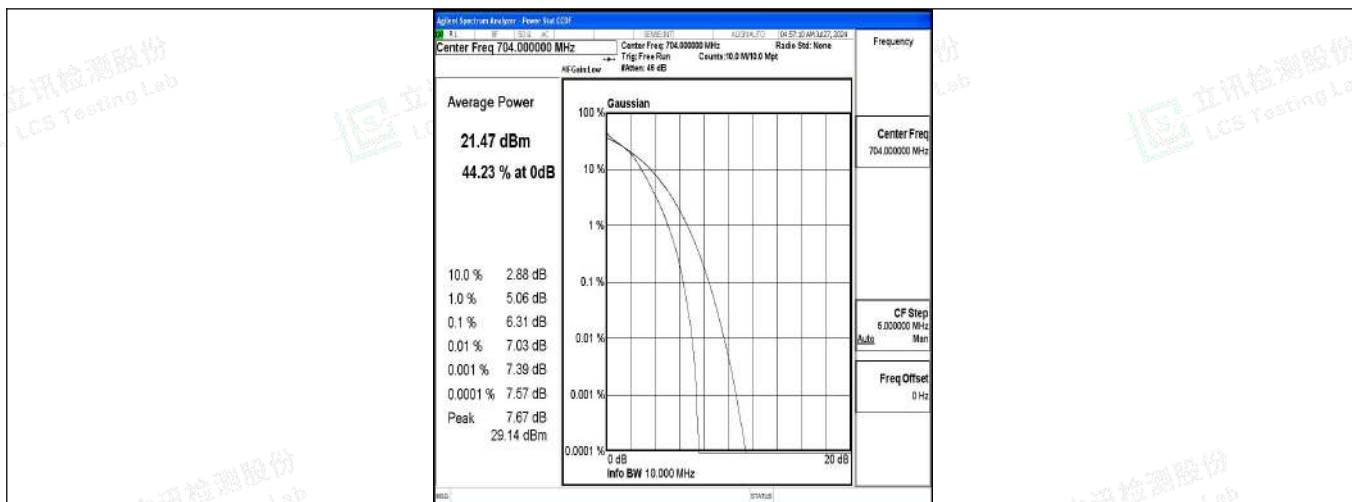


Band12-10MHz-16QAM-23060-1RB#0-PASS

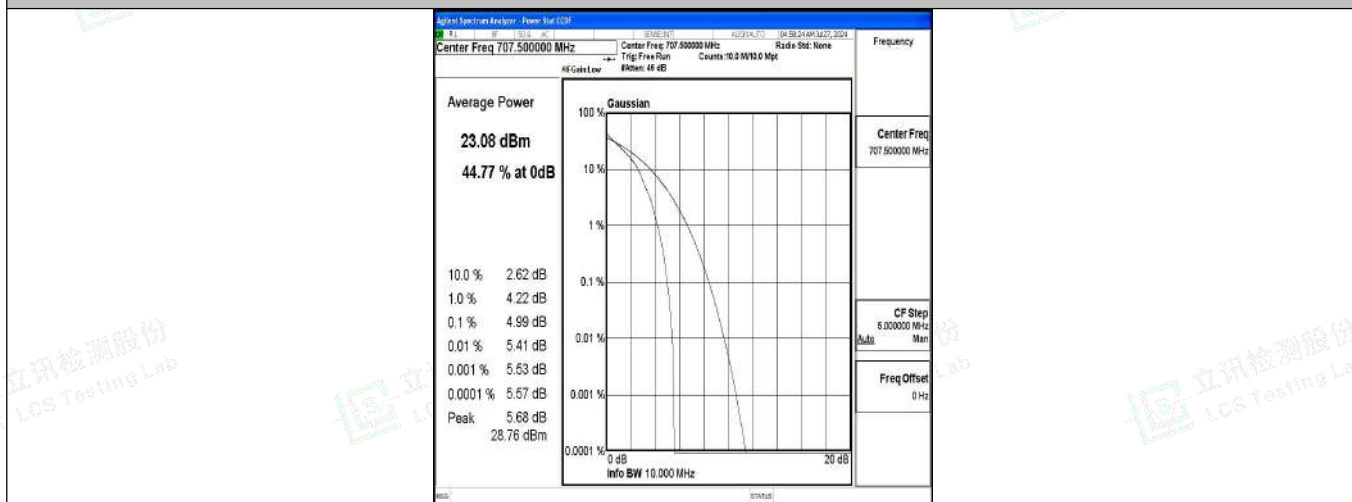


Band12-10MHz-QPSK-23060-50RB#0-PASS

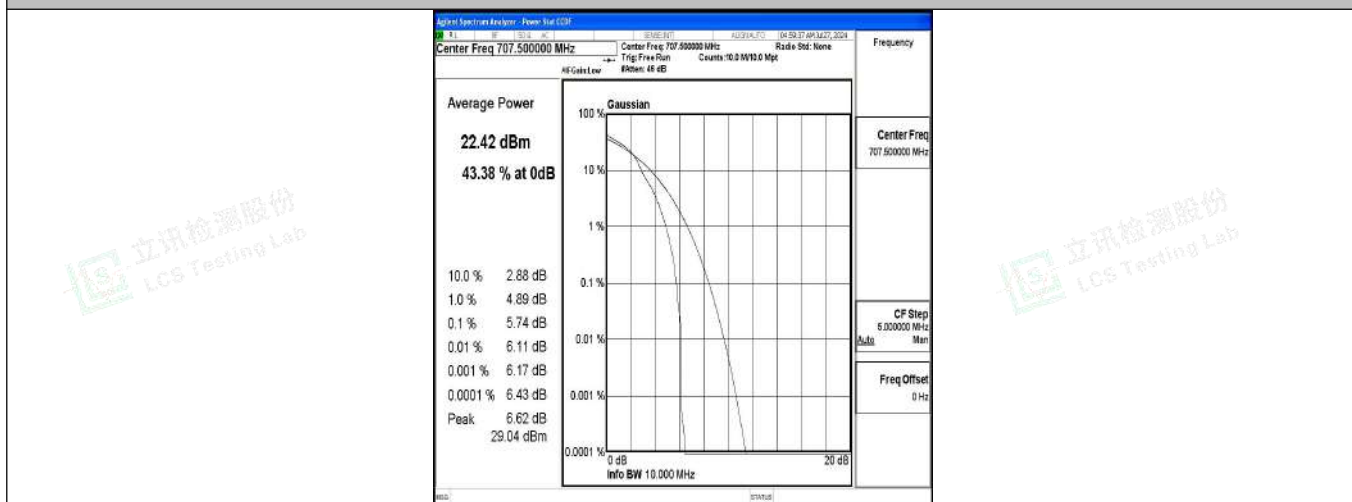




Band12-10MHz-16QAM-23060-50RB#0-PASS



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



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

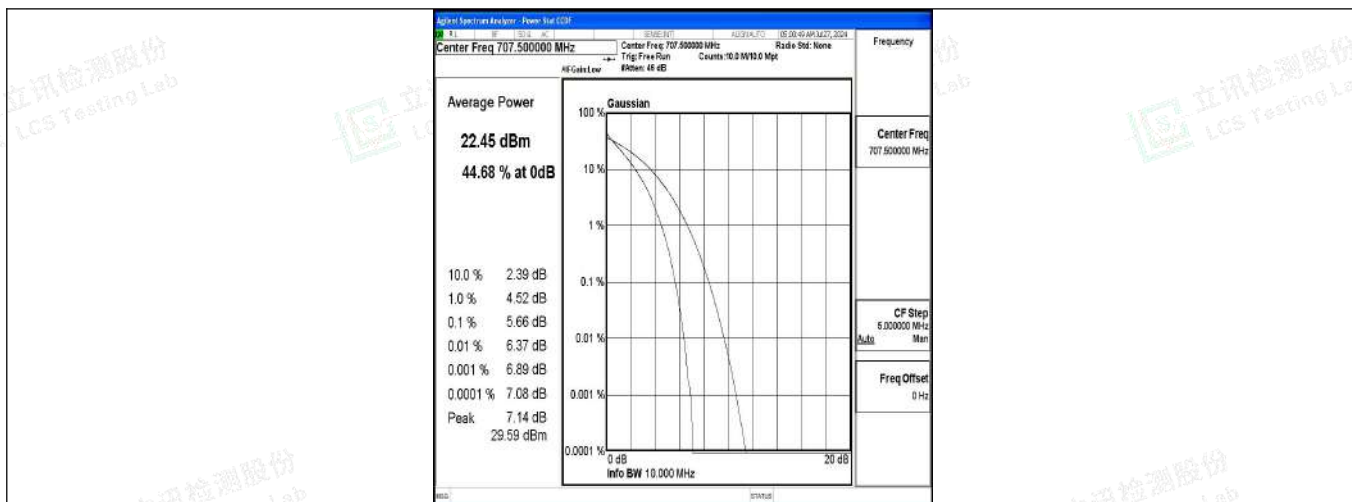


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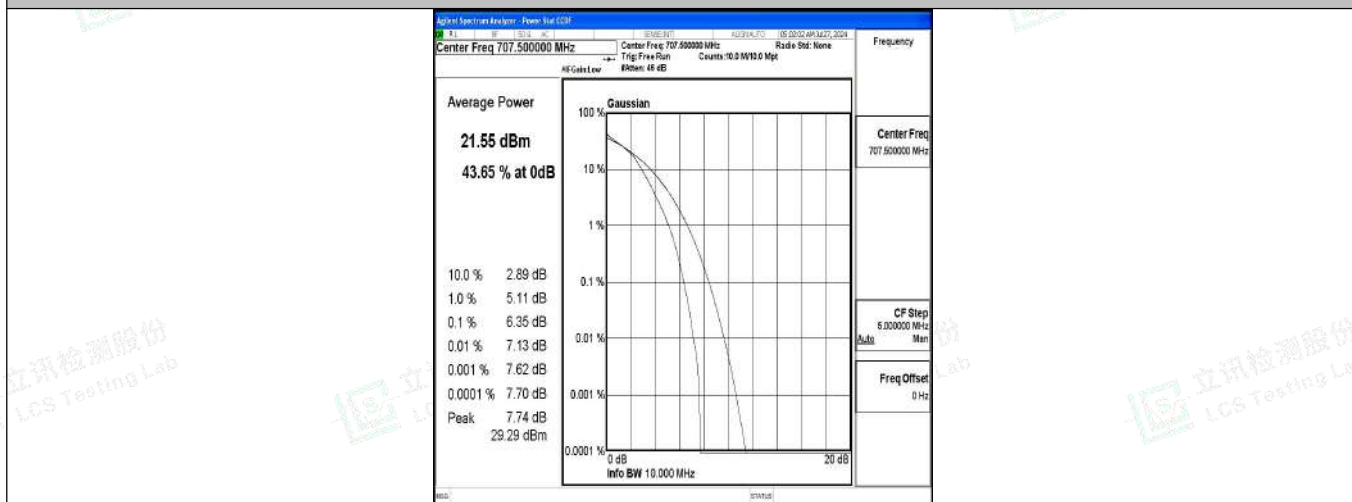
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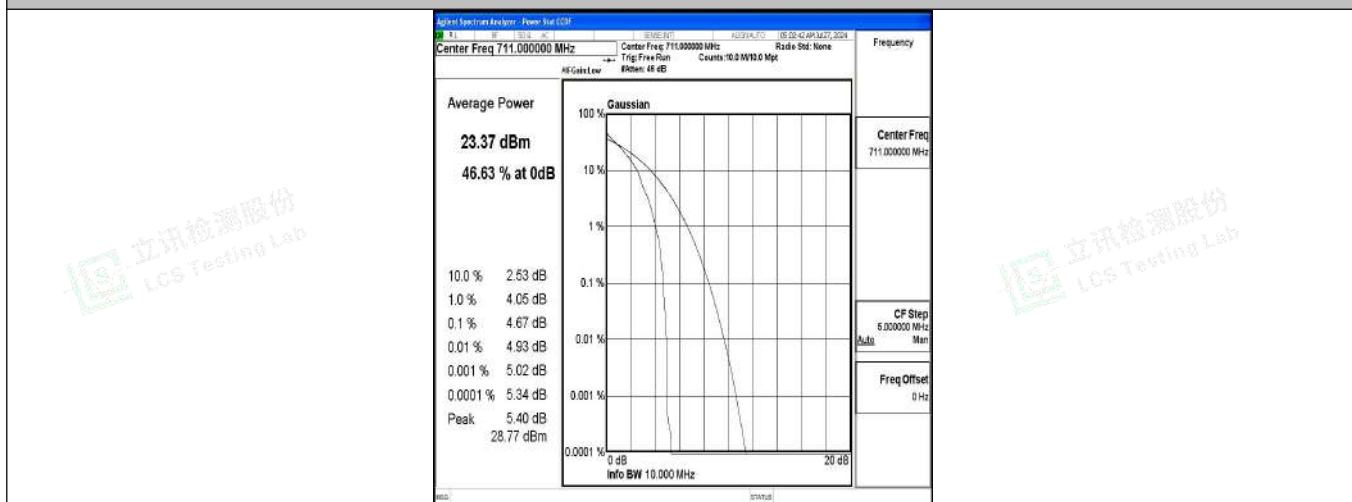
Scan code to check authenticity



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



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



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

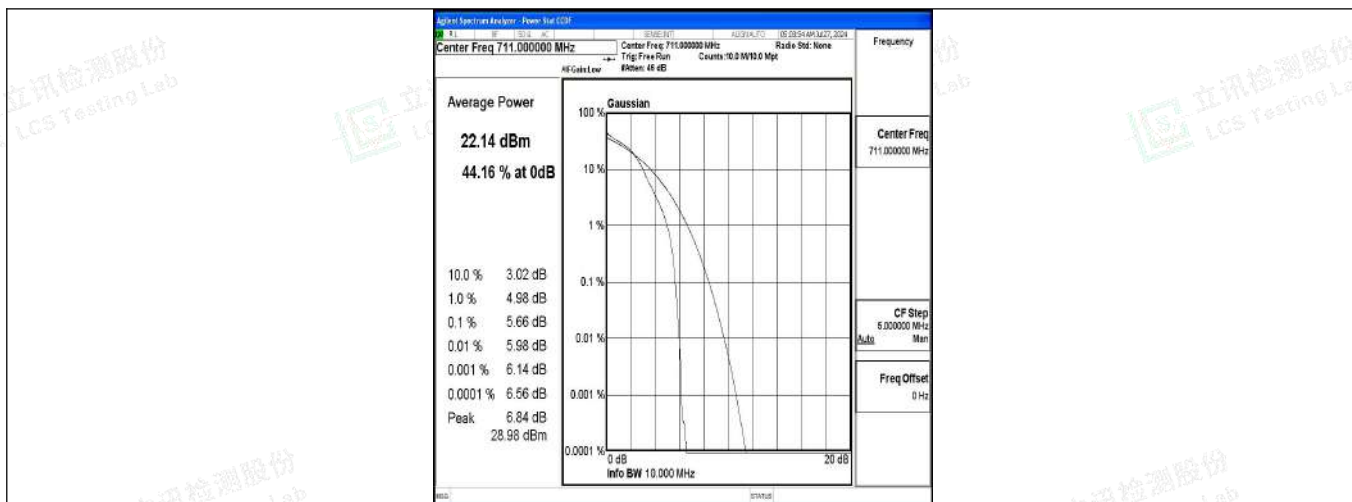


Shenzhen LCS Compliance Testing Laboratory Ltd.

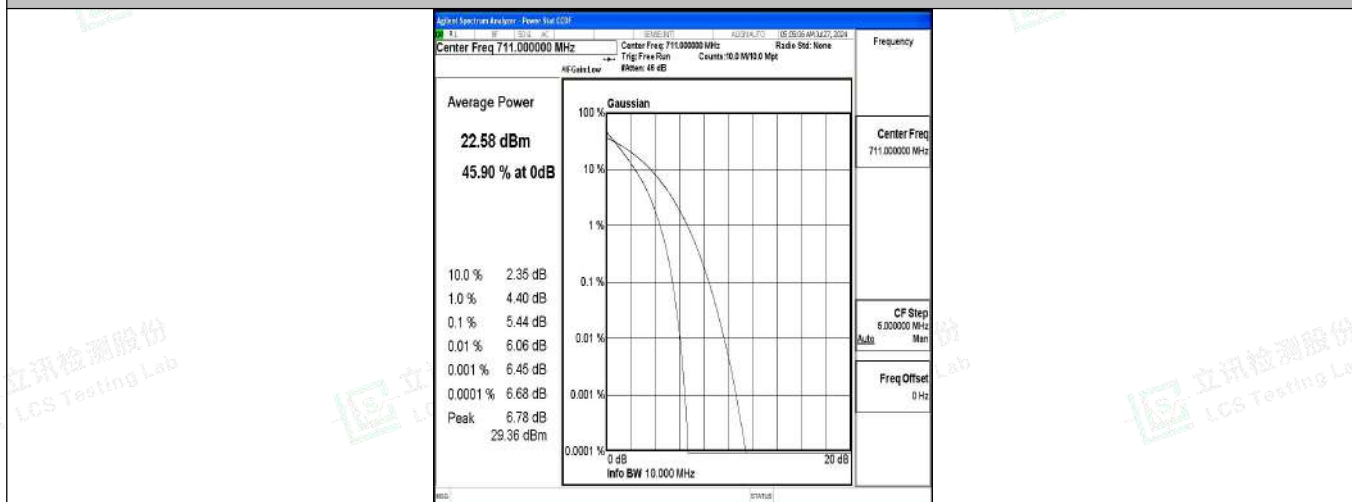
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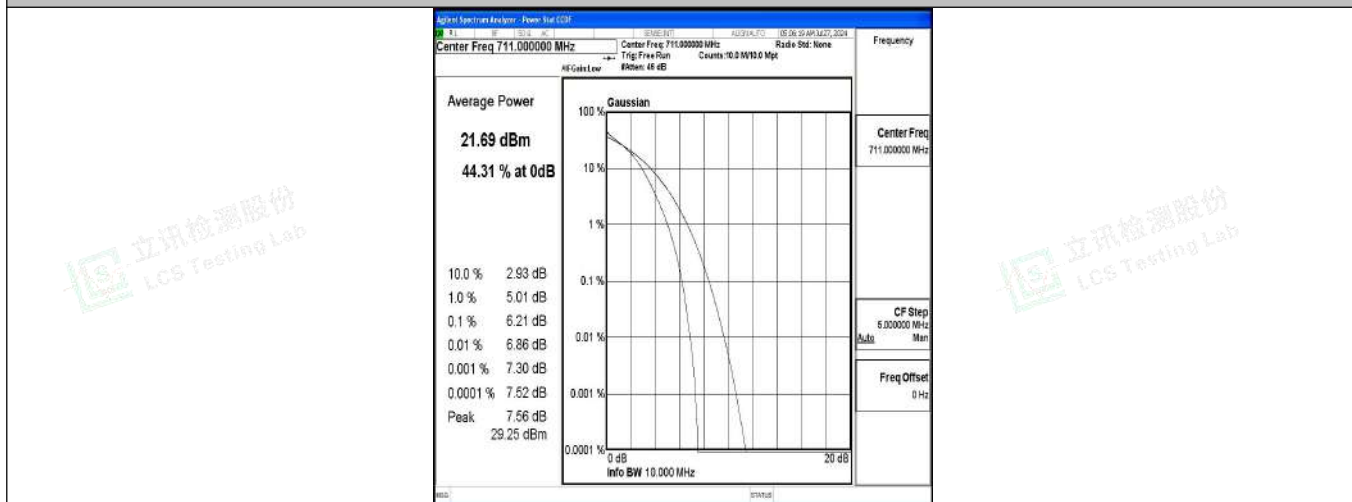
Scan code to check authenticity



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



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



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





E.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	1.1028	1.399	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1071	1.363	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0993	1.293	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0974	1.383	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0992	1.284	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1083	1.322	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7154	3.094	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7007	3.069	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7112	3.243	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7170	3.252	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7246	3.099	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7148	3.203	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5253	5.289	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5229	5.263	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5266	5.443	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5437	5.441	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5111	5.141	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5316	5.433	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9949	10.07	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9891	10.17	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0216	10.15	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0173	10.61	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9582	10.12	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9932	10.11	PASS



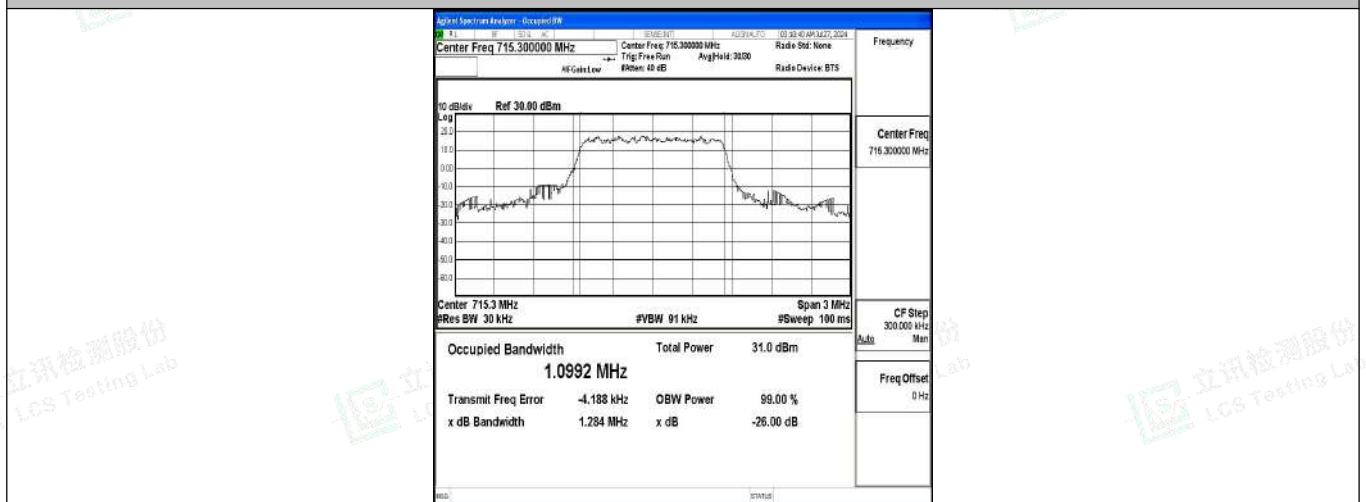


Test Graphs

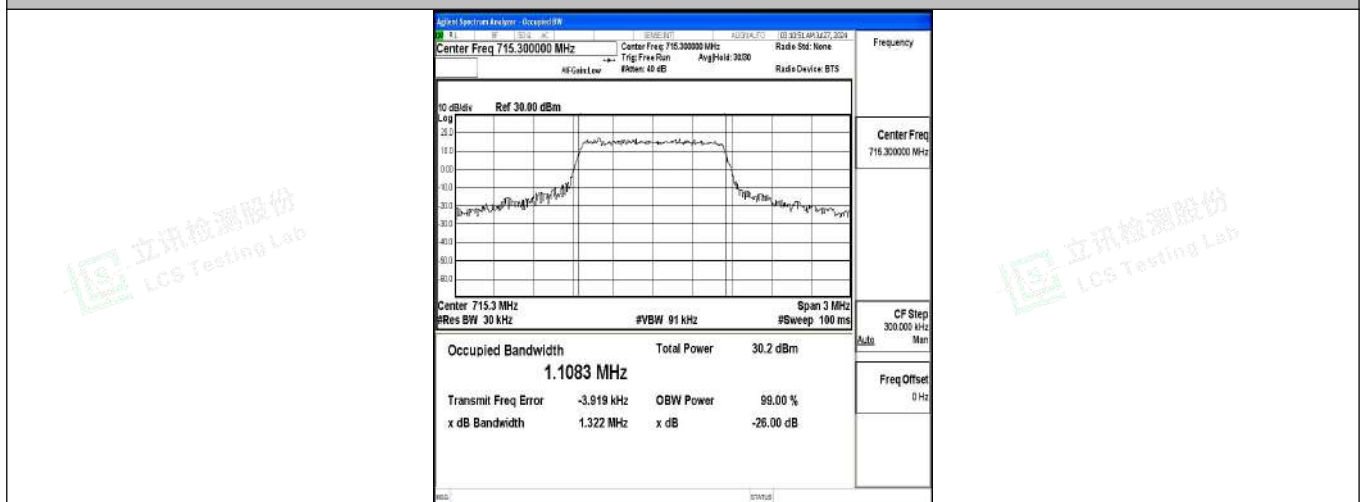




Band12-1.4MHz-16QAM-23095-6RB#0-PASS

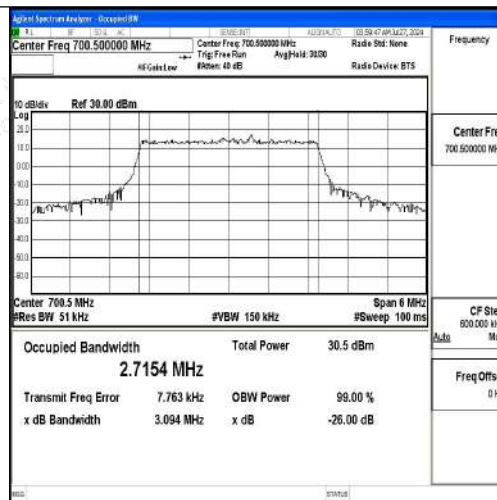


Band12-1.4MHz-QPSK-23173-6RB#0-PASS

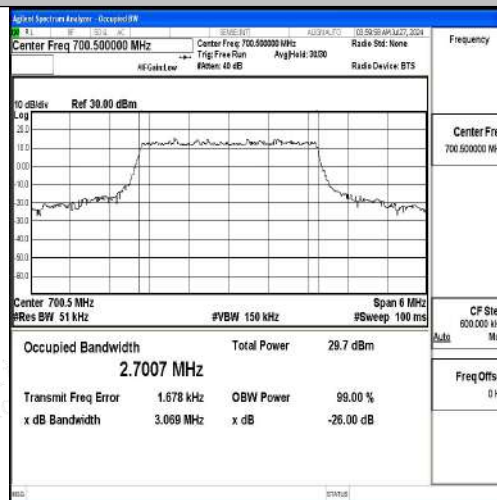


Band12-1.4MHz-16QAM-23173-6RB#0-PASS

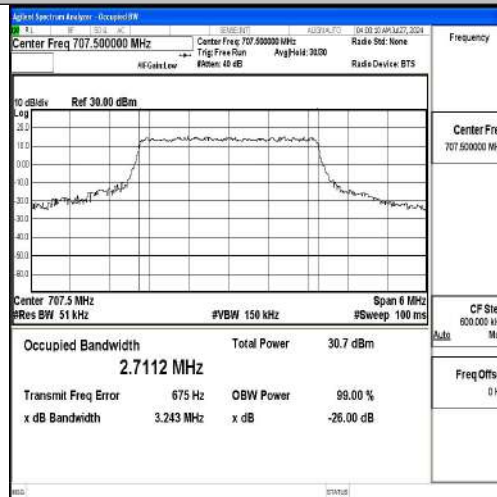




Band12-3MHz-QPSK-23025-15RB#0-PASS



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



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

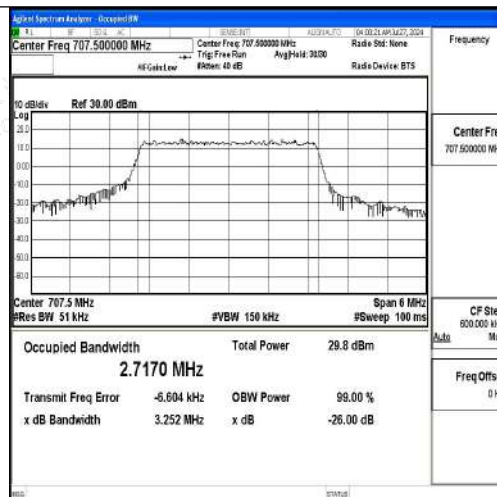


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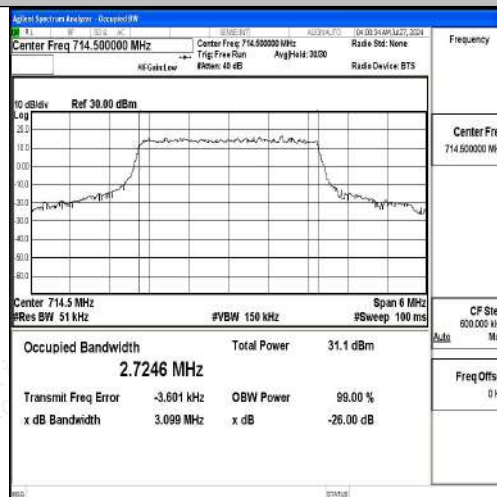
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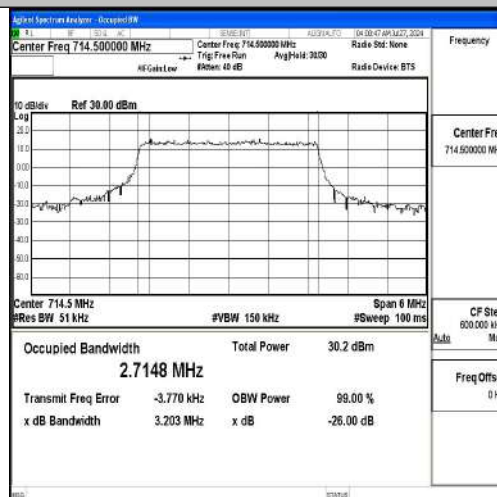
Scan code to check authenticity



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



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



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

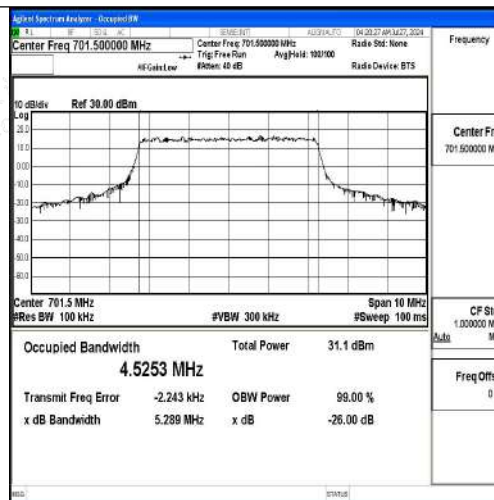


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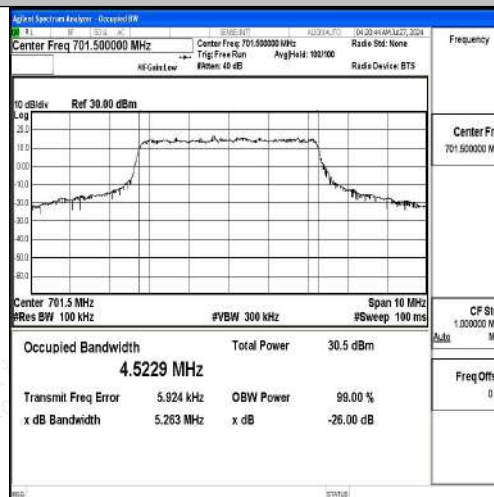
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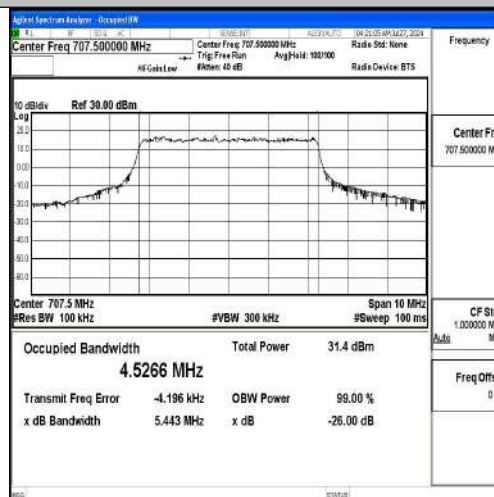
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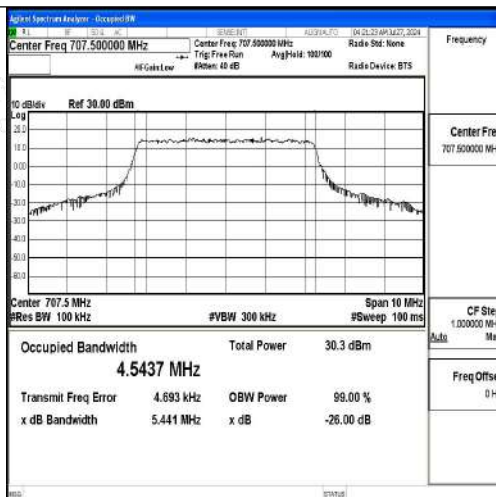


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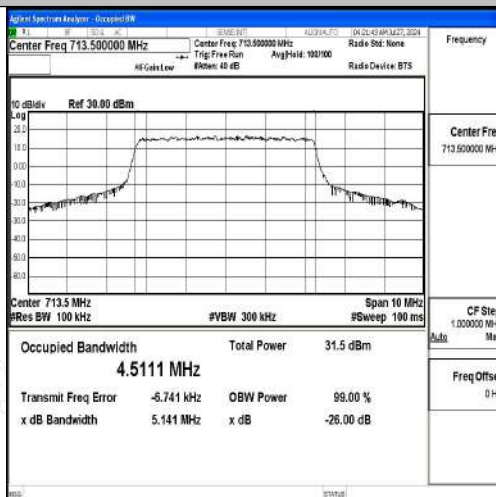


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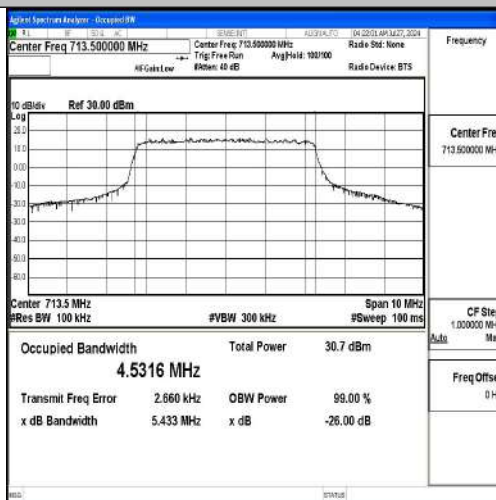




Band12-5MHz-16QAM-23095-25RB#0-PASS



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



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

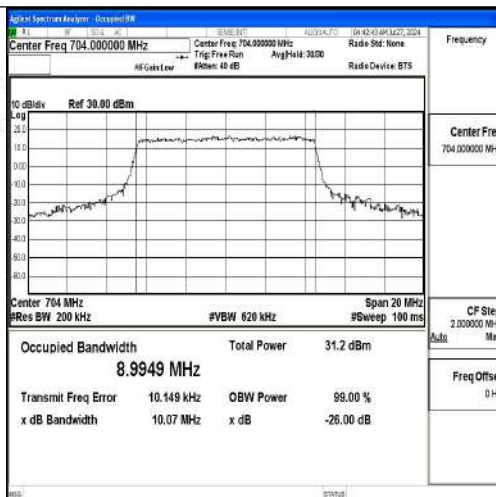


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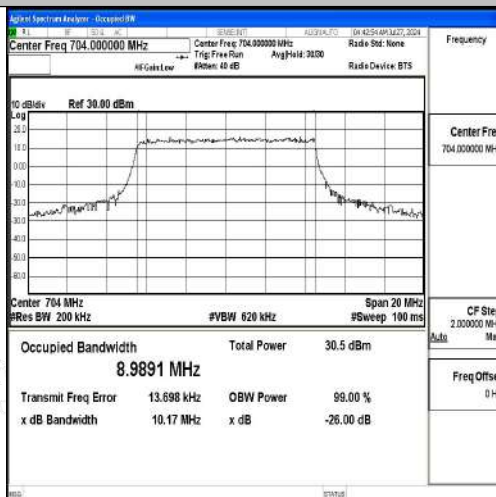
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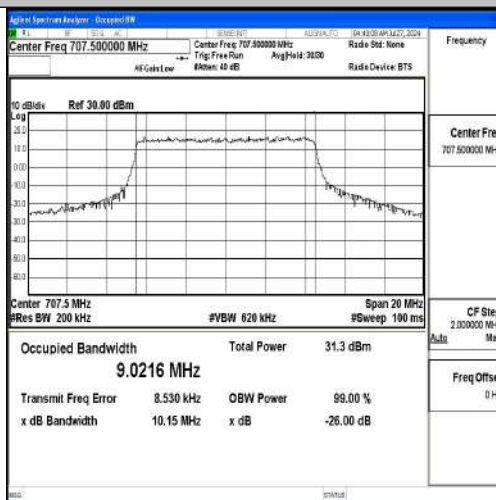
Scan code to check authenticity



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



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



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

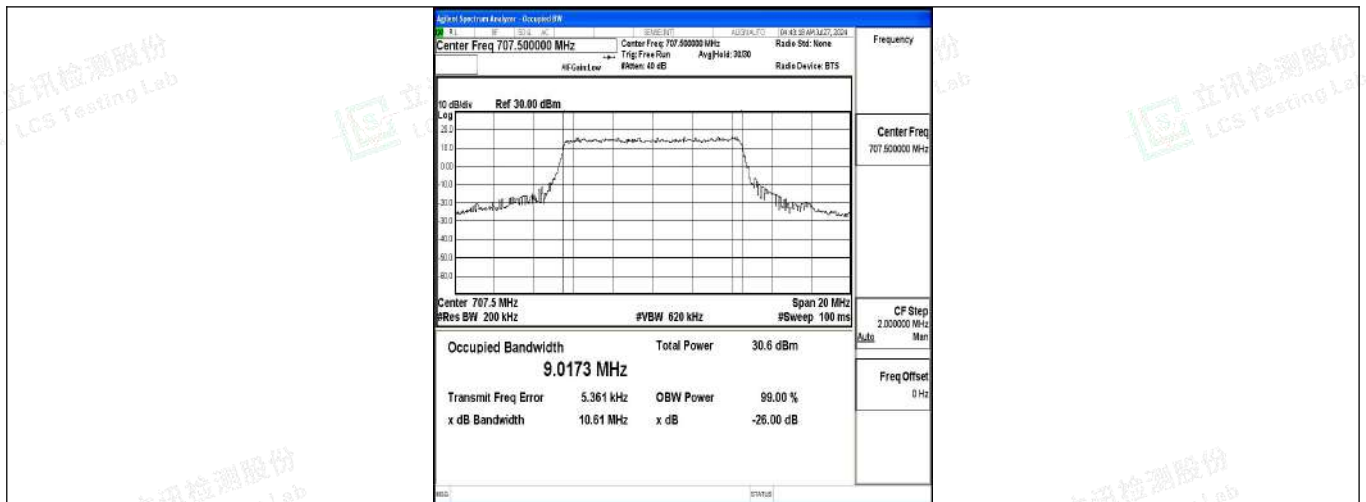


Shenzhen LCS Compliance Testing Laboratory Ltd.

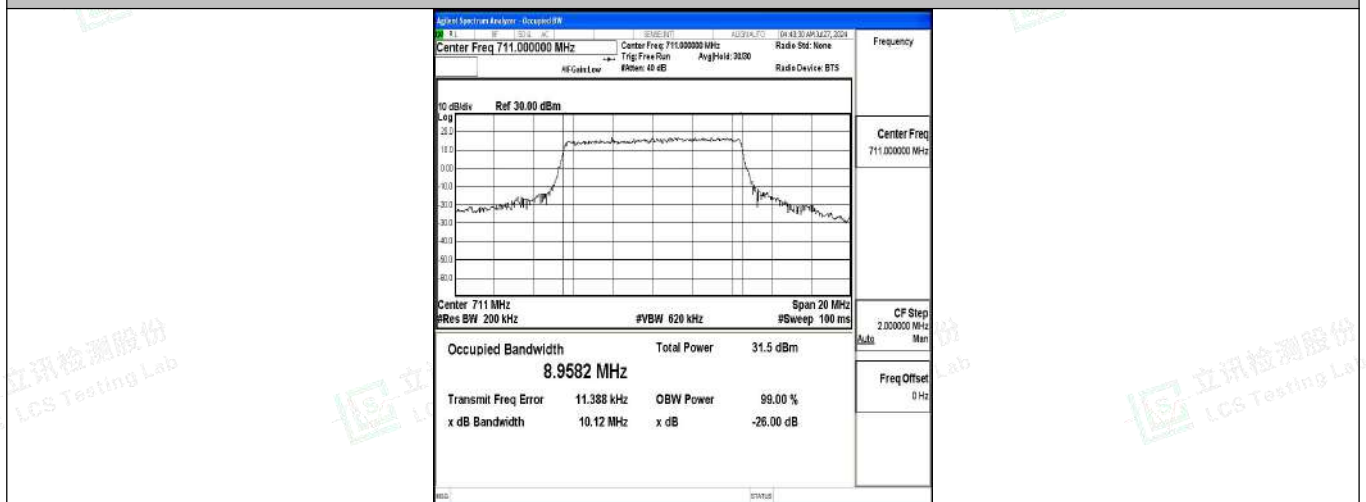
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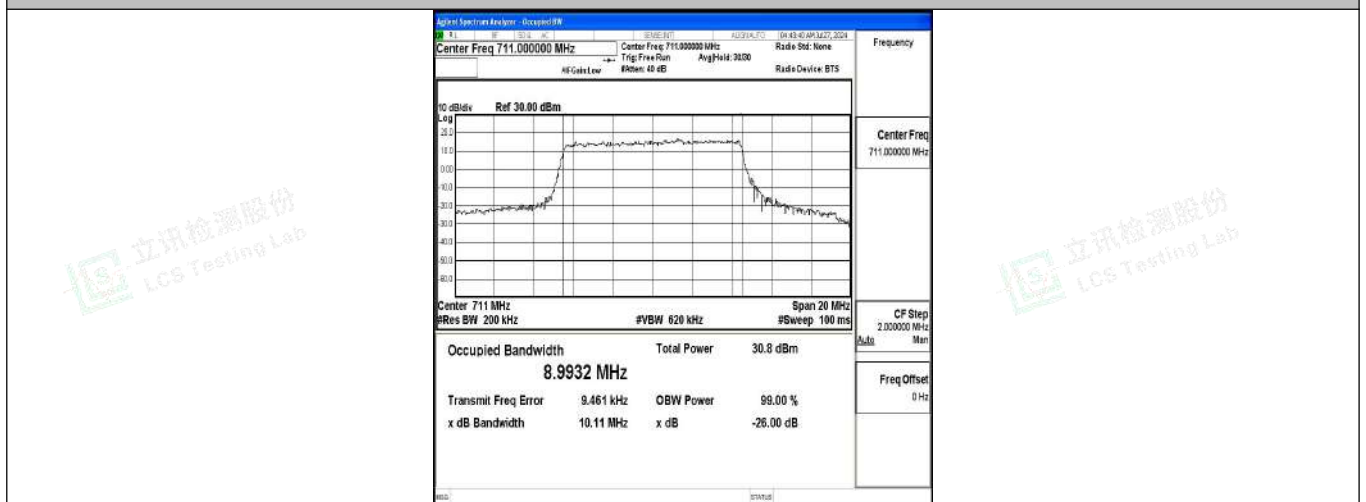
Scan code to check authenticity



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



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



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



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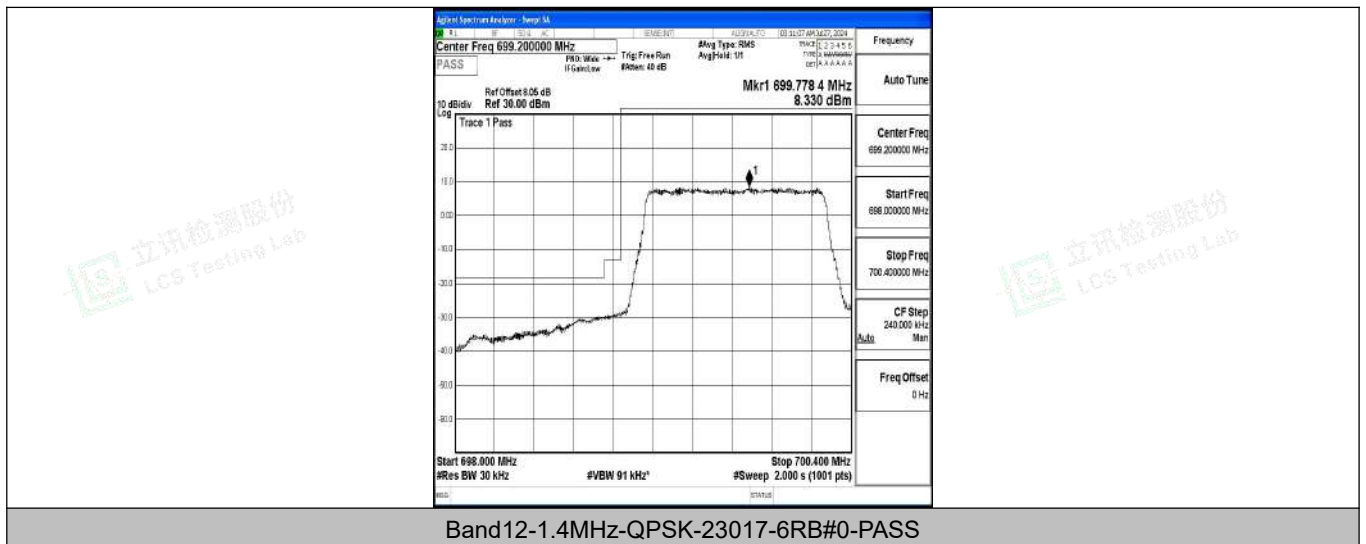


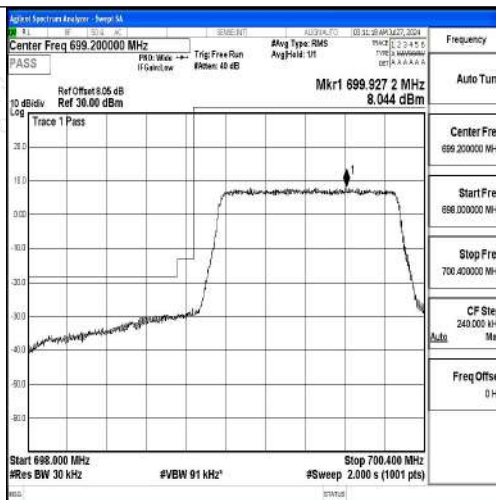
E.4 Band Edge

Test Result

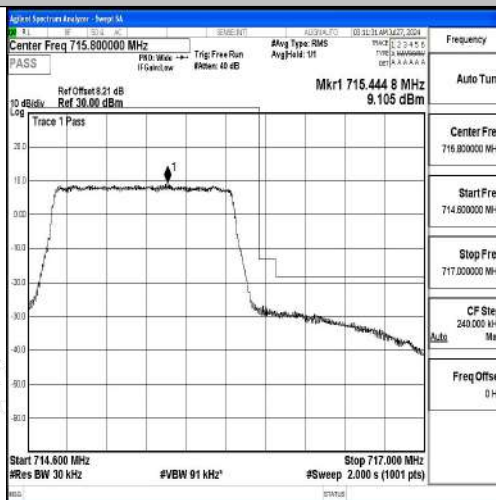
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.87	-29.83	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.83	-29.57	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.22	-28.52	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.10	-27.61	PASS
Band12	3MHz	QPSK	23025	15RB#0	698.99	-24.69	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-25.31	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.00	-23.83	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.01	-26.07	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.71	-34.84	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.88	-35.73	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.11	-35.81	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.11	-36.25	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.89	-38.47	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.87	-39.91	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.15	-39.99	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.12	-40.00	PASS

Test Graphs

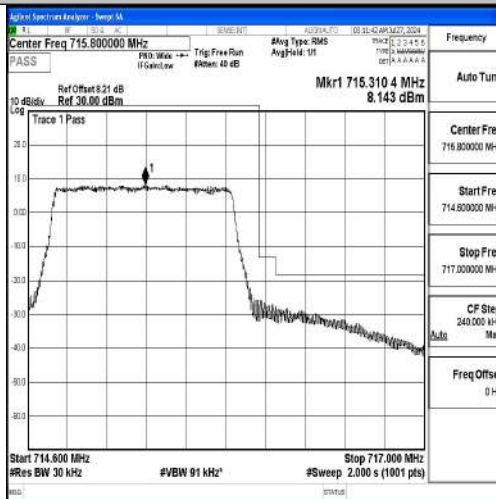




Band12-1.4MHz-16QAM-23017-6RB#0-PASS



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



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

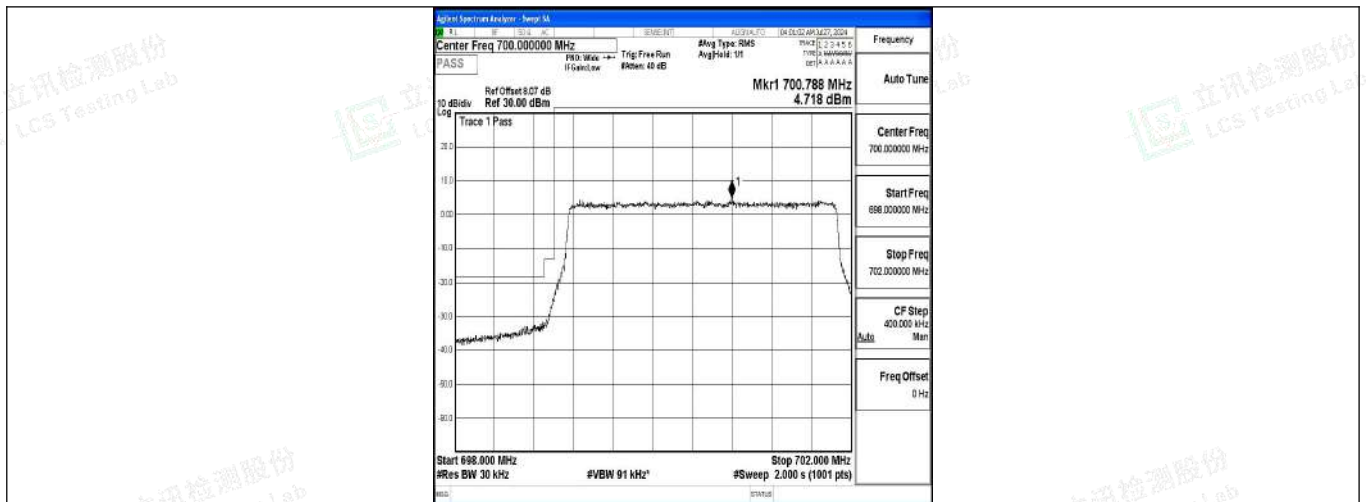


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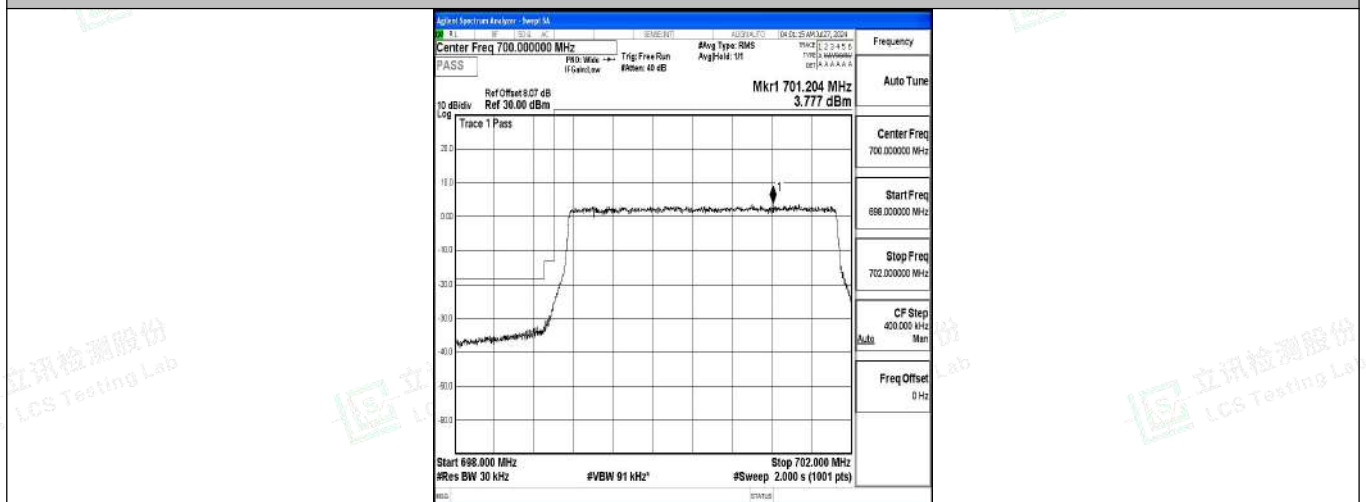
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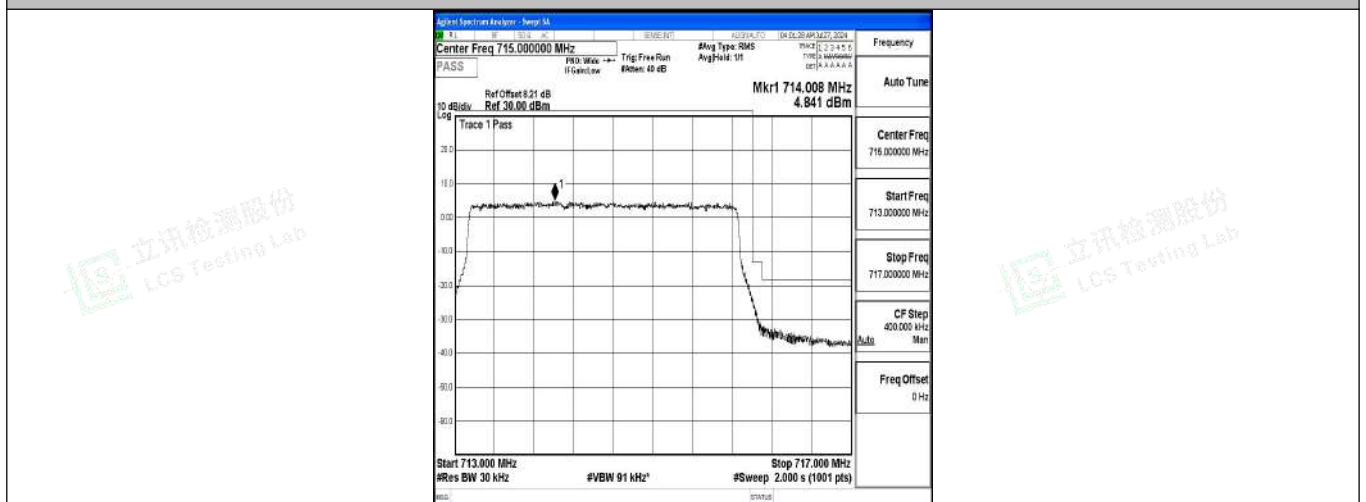
Scan code to check authenticity



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



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



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

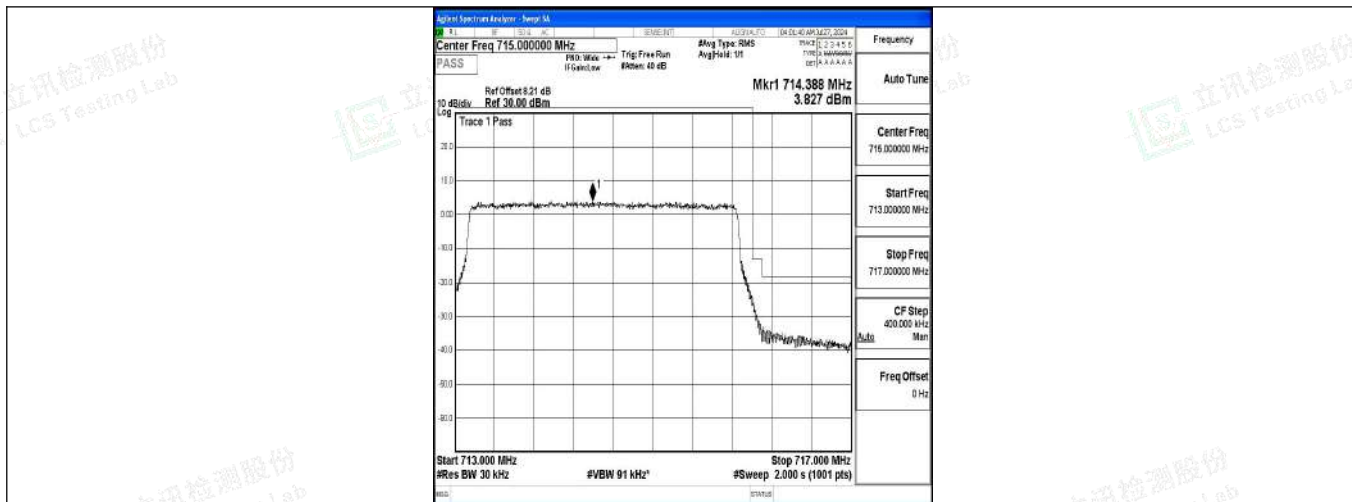


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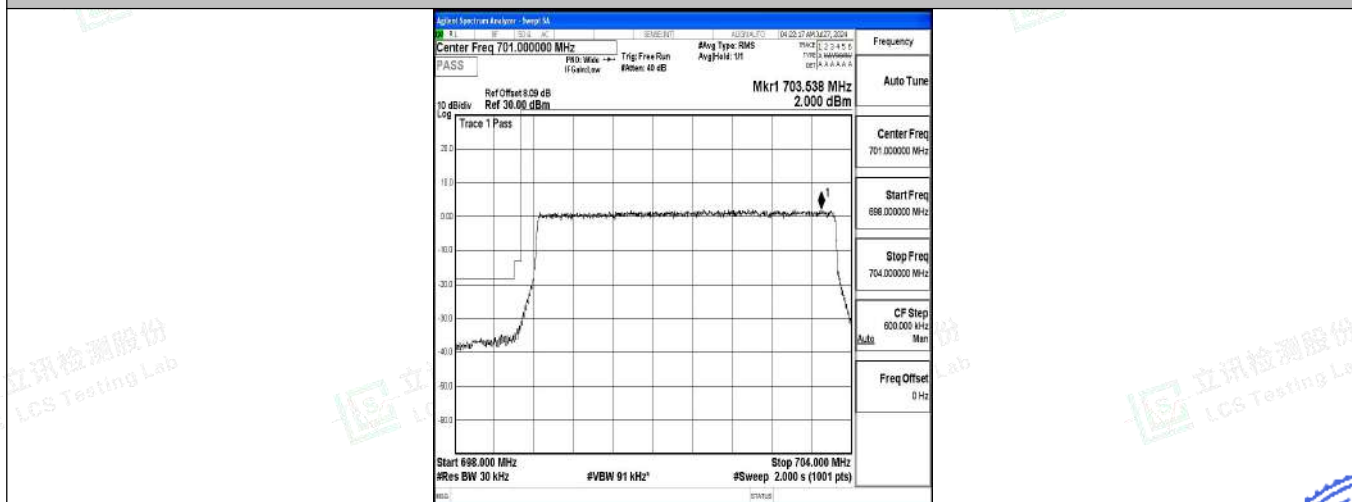
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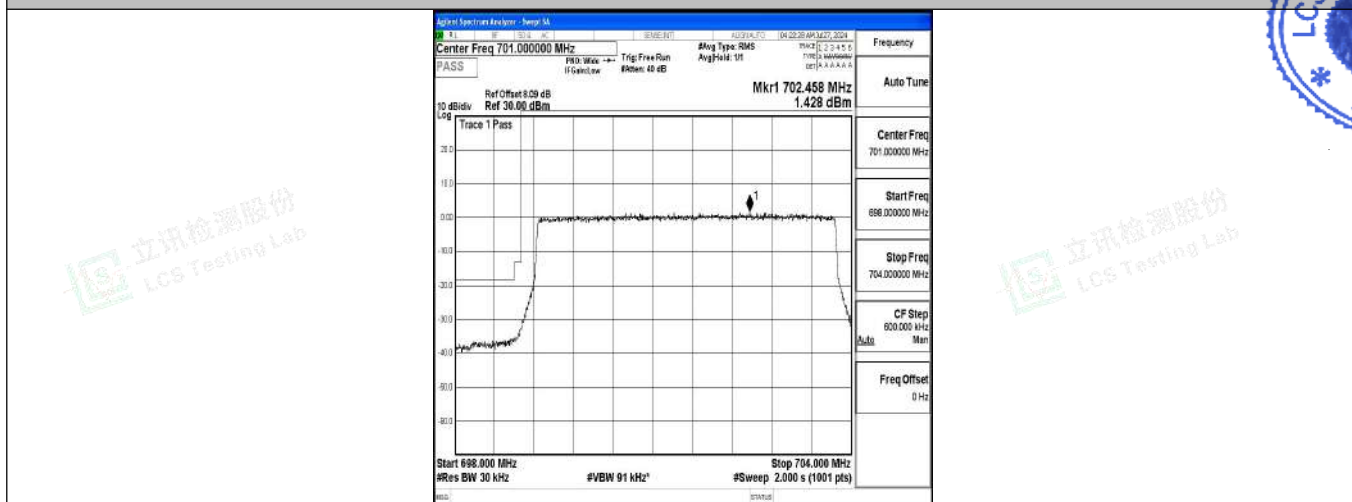
Scan code to check authenticity



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



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



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

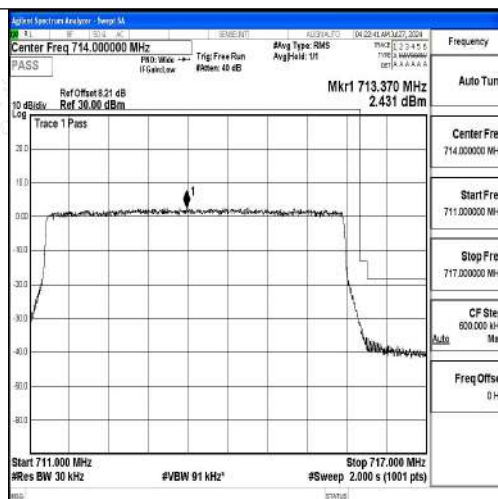


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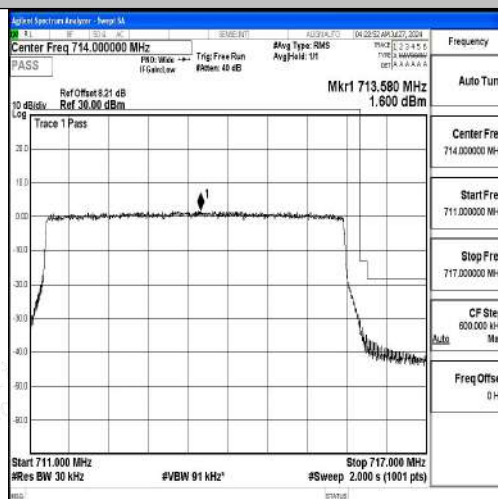
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

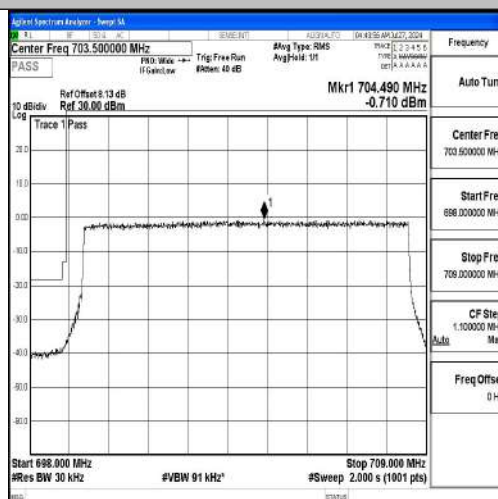
Scan code to check authenticity



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



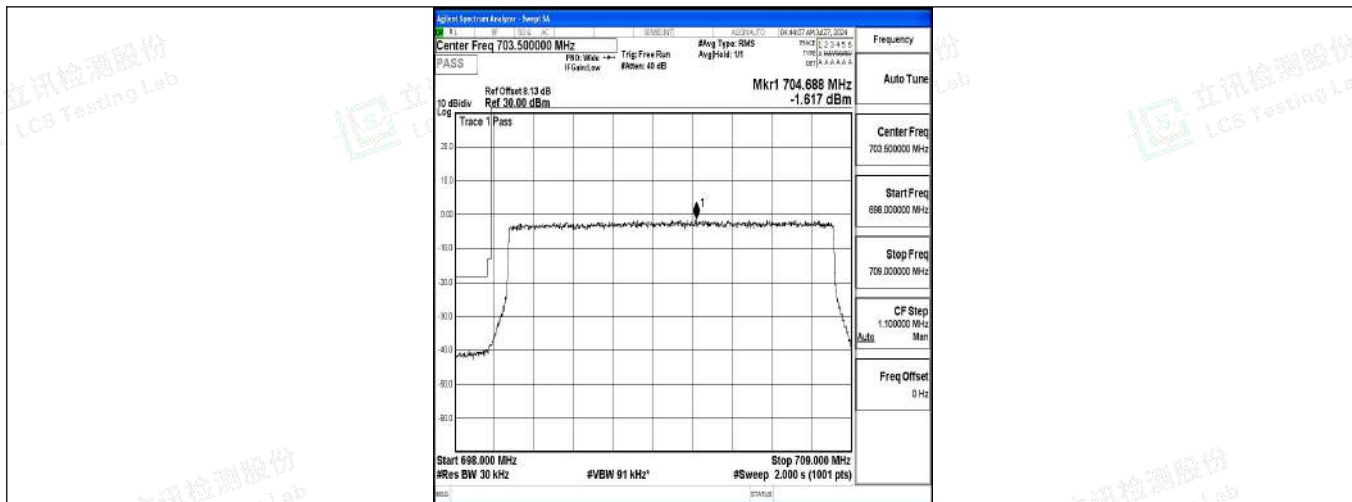
Band12-5MHz-16QAM-23155-25RB#0-PASS



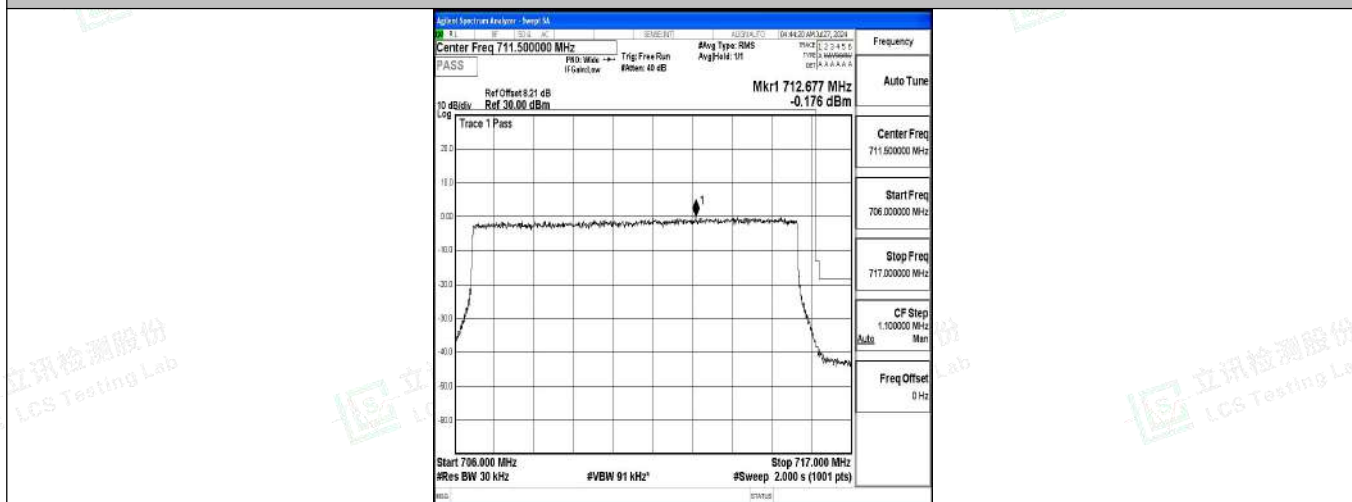
Band12-10MHz-QPSK-23060-50RB#0-PASS



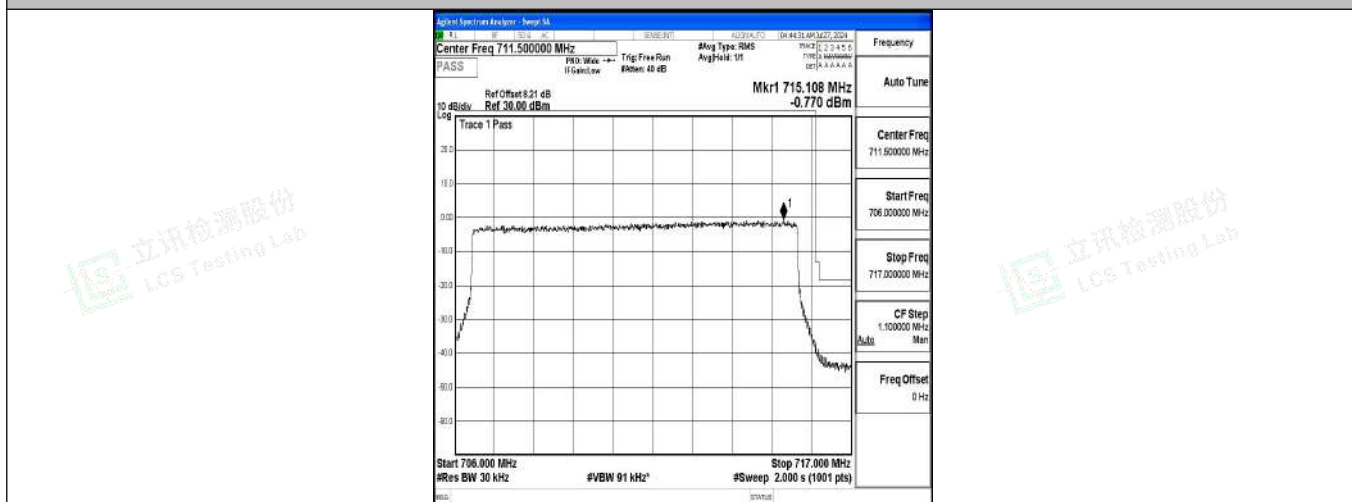
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Band12-10MHz-16QAM-23060-50RB#0-PASS



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



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



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E.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-60.73	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-61.01	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-45.92	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-43.15	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-47.00	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-59.49	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-61.01	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-46.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-42.57	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-46.46	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-61.60	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-63.44	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-44.03	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-43.79	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-46.62	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-62.37	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-63.44	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-47.87	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-44.62	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-46.65	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-59.03	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-63.01	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-47.22	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-43.78	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-46.93	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-63.33	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-63.14	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-46.63	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-41.56	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-47.07	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-61.36	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-63.01	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-48.96	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-43.91	PASS





Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-46.31	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-61.37	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-63.55	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-47.20	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-44.29	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-46.90	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-61.70	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-63.67	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-48.25	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-43.92	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-46.55	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-62.27	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-63.61	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-48.36	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-44.33	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-46.88	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-60.79	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-63.79	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-50.40	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-44.02	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-46.99	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-61.07	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-63.24	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-49.96	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-44.25	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-46.85	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-60.08	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-63.70	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-56.07	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-44.24	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-46.27	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-61.30	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-61.22	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-57.79	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-44.11	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-46.92	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-62.96	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-61.99	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-59.07	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-44.22	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-46.31	PASS



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Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-60.50	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-63.02	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-58.87	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-44.83	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-46.62	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-58.78	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-60.40	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-58.41	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-44.36	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-46.35	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-59.74	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-61.75	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-58.11	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-44.41	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-46.36	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-63.01	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-61.42	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-60.57	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-44.18	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-46.69	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-60.07	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-63.26	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-60.63	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-43.74	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-46.49	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-60.78	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-62.58	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-60.62	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-44.76	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-46.79	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-60.61	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-63.45	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-60.91	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-43.92	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-46.72	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-61.49	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-61.41	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-60.13	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-44.66	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-46.38	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-61.16	PASS



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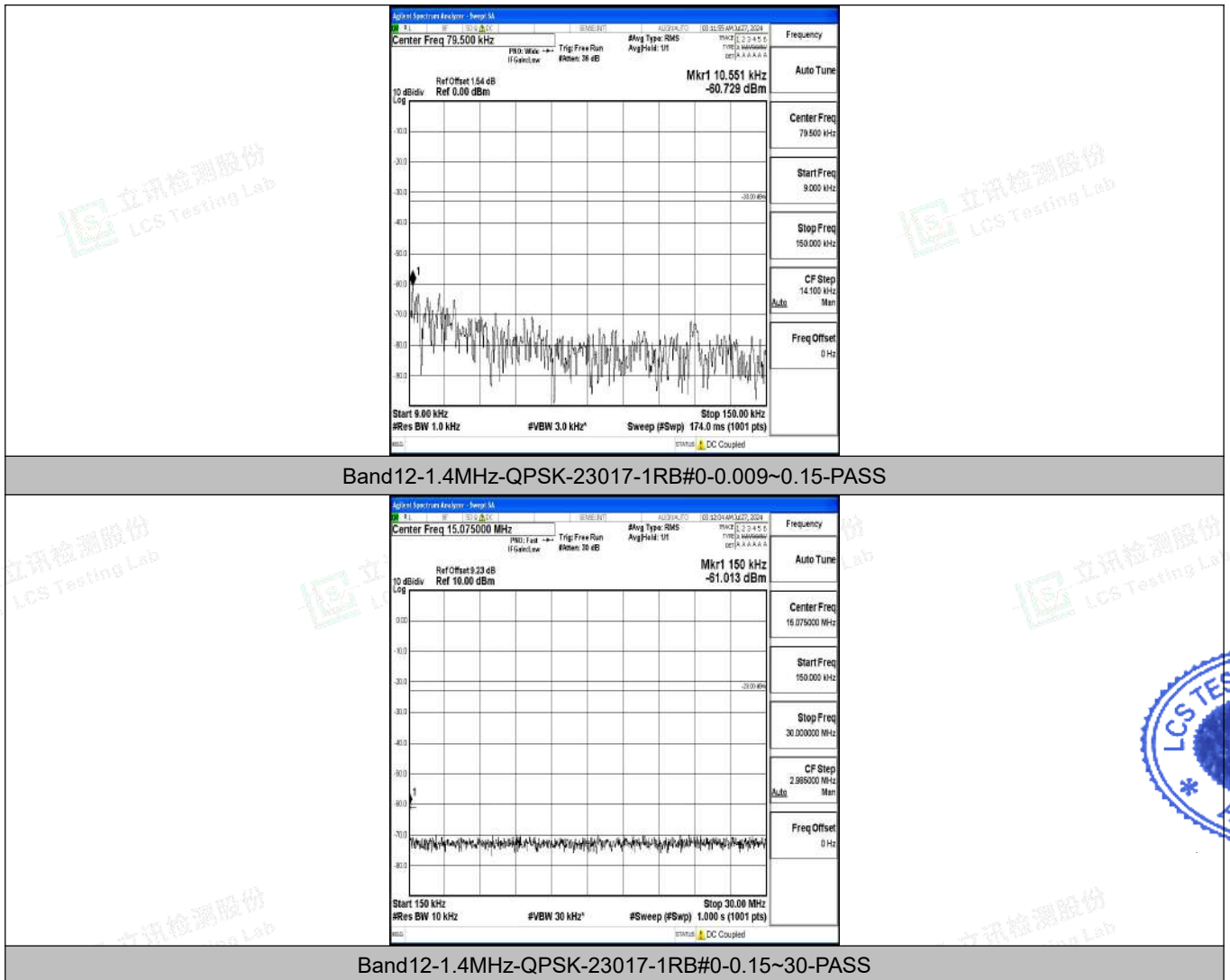
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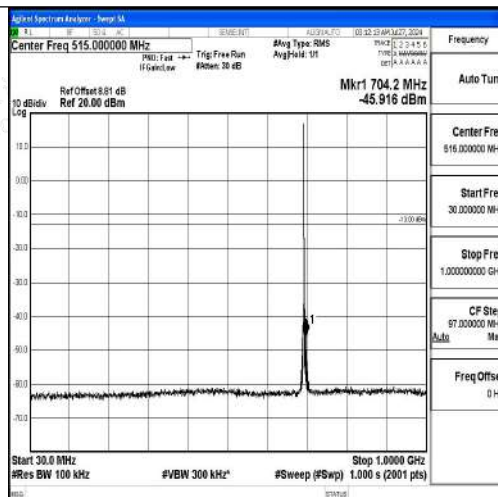
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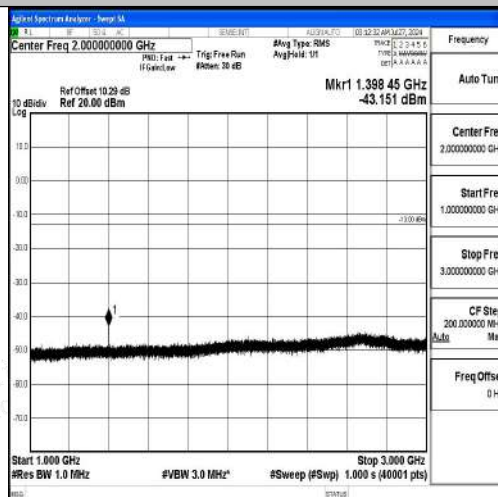
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Band12	10MHz	16QAM	23130	1RB#0	30~1000	-60.45	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-44.85	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-46.74	PASS

Test Graphs

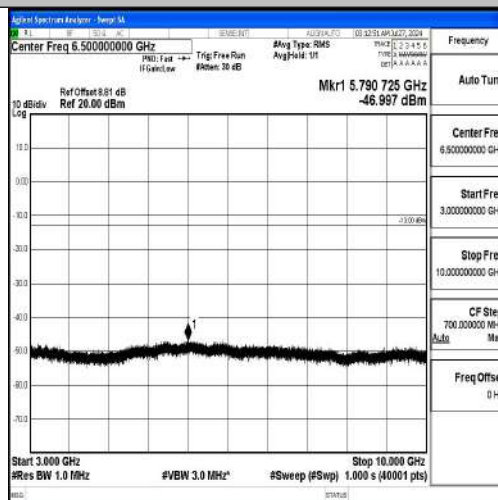




Band12-1.4MHz-QPSK-23017-1RB#0-30~1000-PASS



Band12-1.4MHz-QPSK-23017-1RB#0-1000~3000-PASS



Band12-1.4MHz-QPSK-23017-1RB#0-3000~10000-PASS

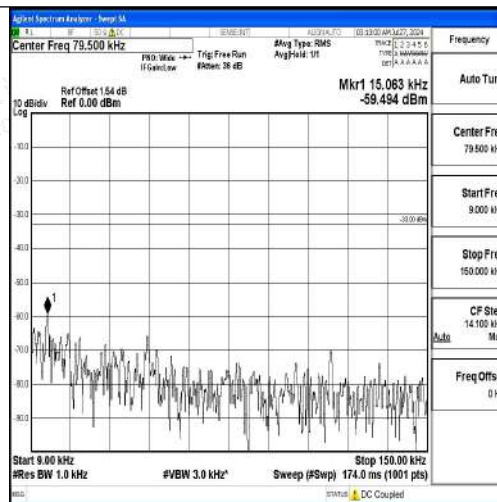


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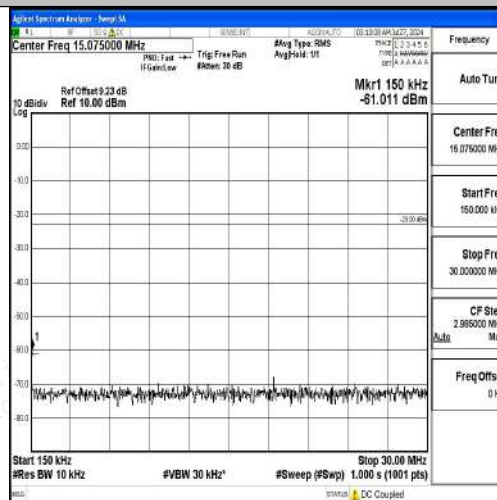
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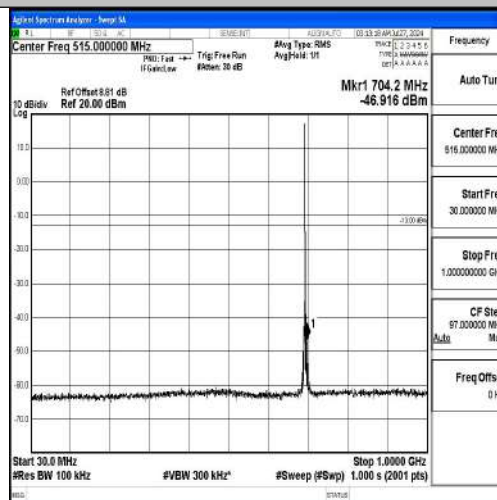
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Band12-1.4MHz-16QAM-23017-1RB#0-0.009~0.15-PASS

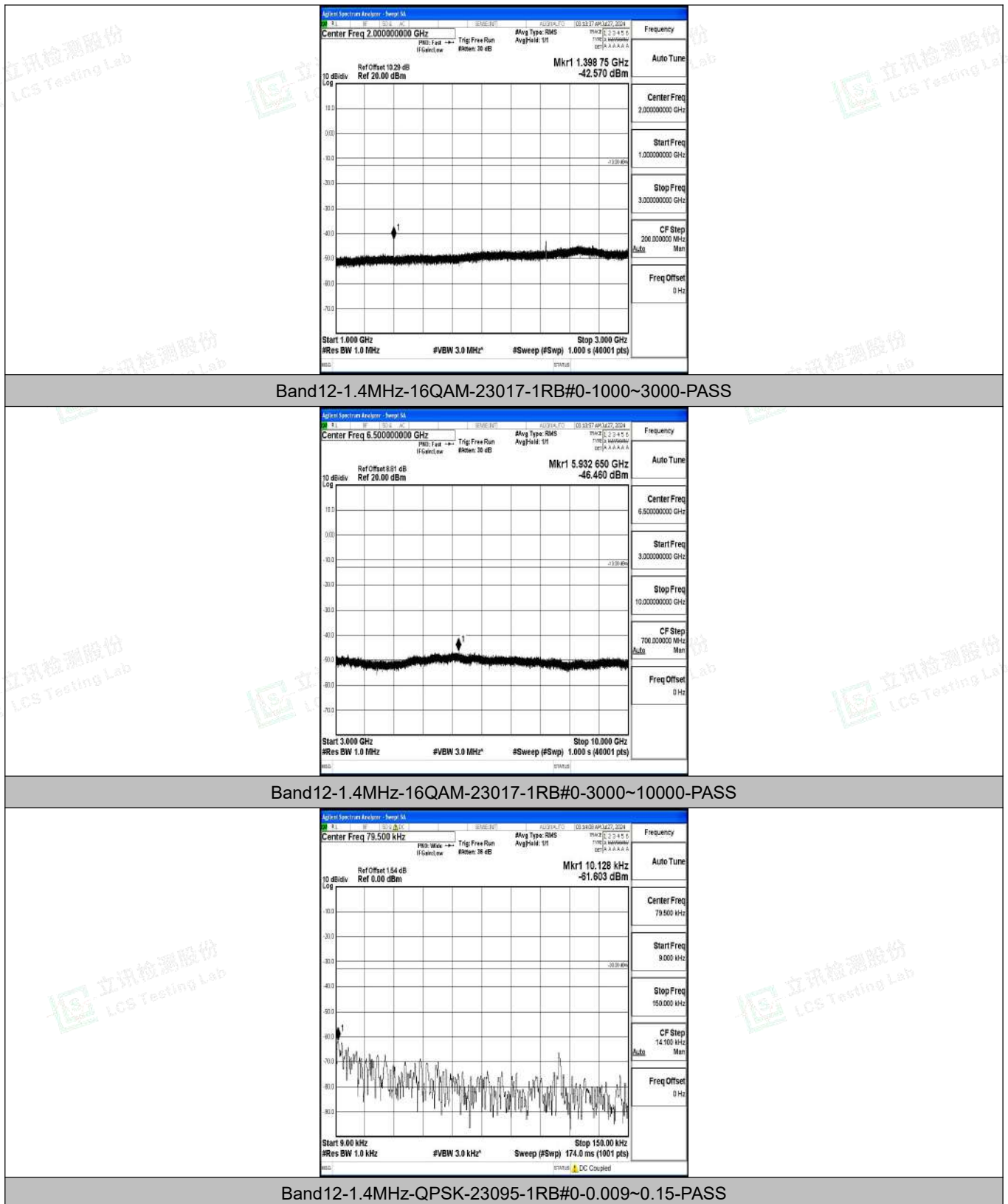


Band12-1.4MHz-16QAM-23017-1RB#0-0.15~30-PASS



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



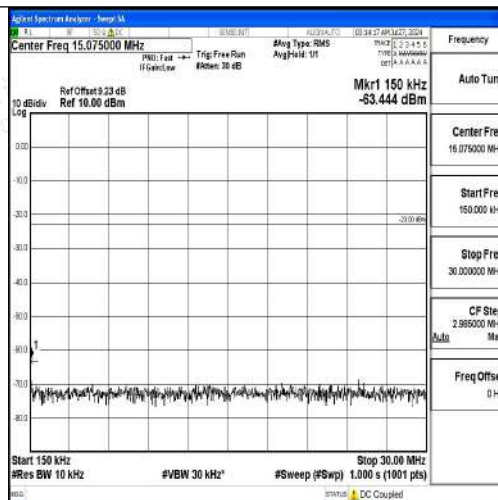


Band12-1.4MHz-16QAM-23017-1RB#0-1000~3000-PASS

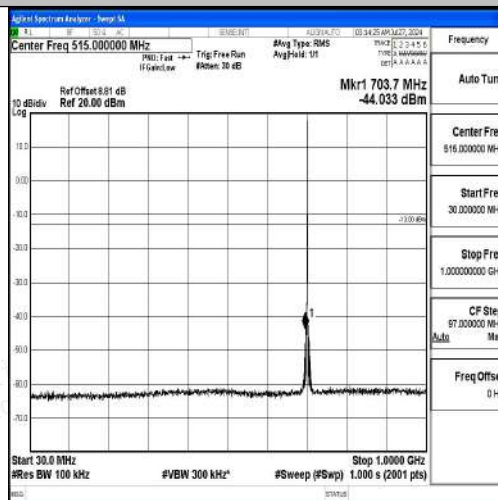
Band12-1.4MHz-16QAM-23017-1RB#0-3000~10000-PASS

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

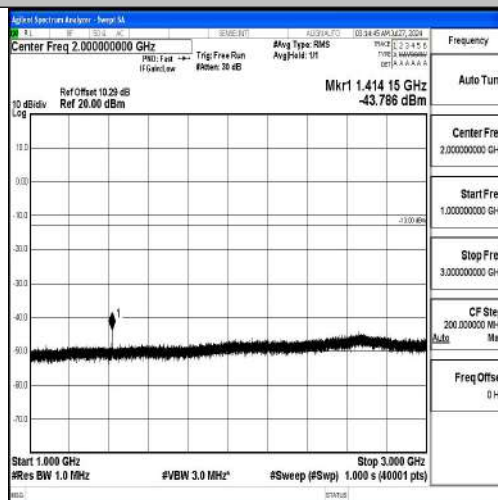




Band12.1.4MHz-QPSK-23095-1RB#0-0.15~30-PASS



Band12.1.4MHz-QPSK-23095-1RB#0-30~1000-PASS



Band12.1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS

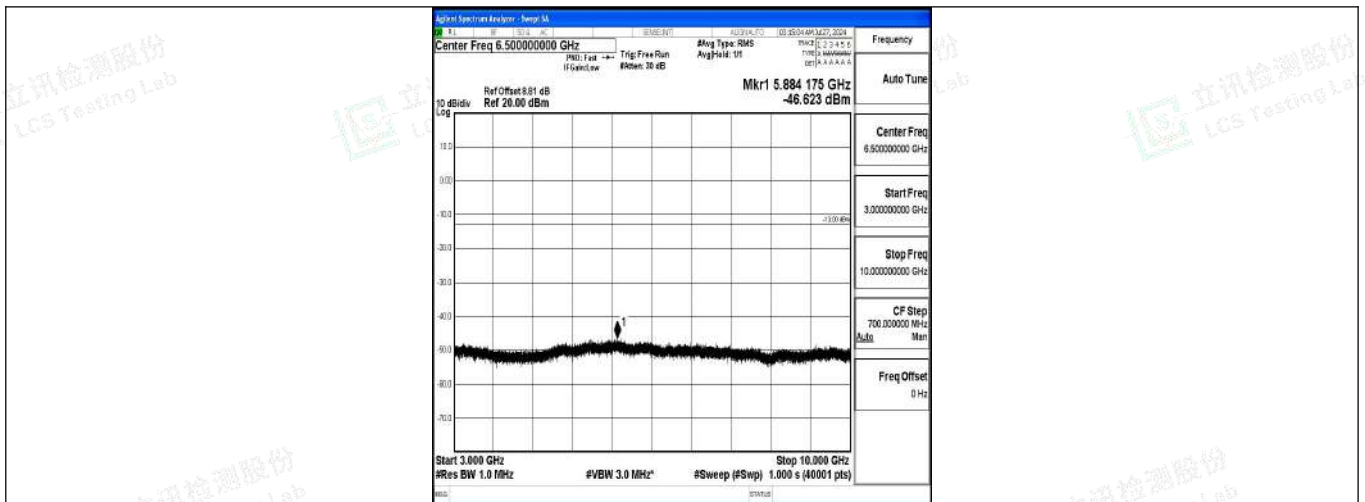


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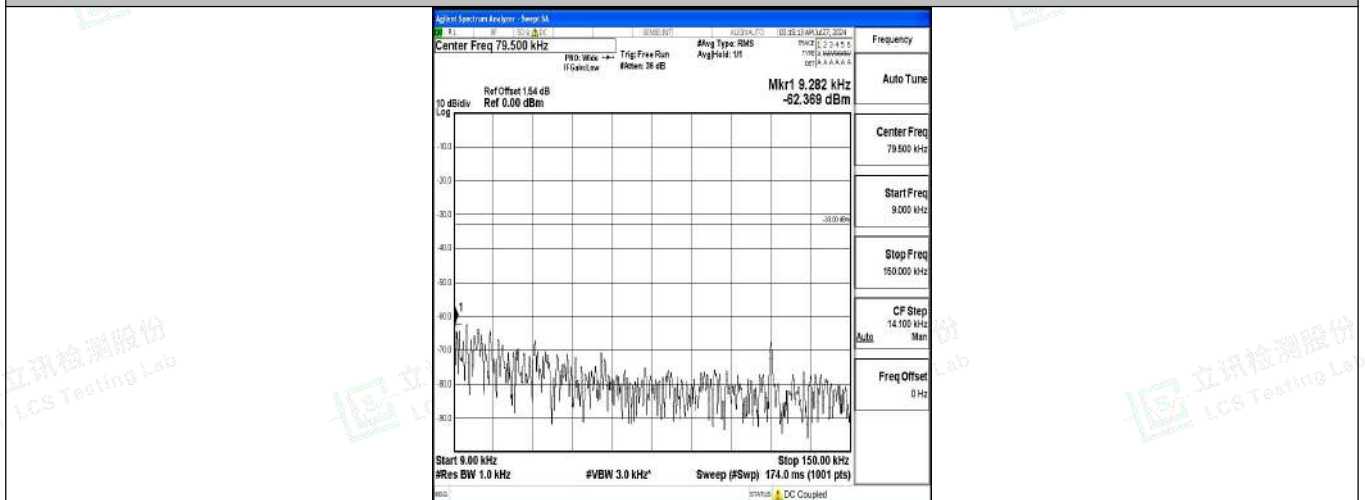
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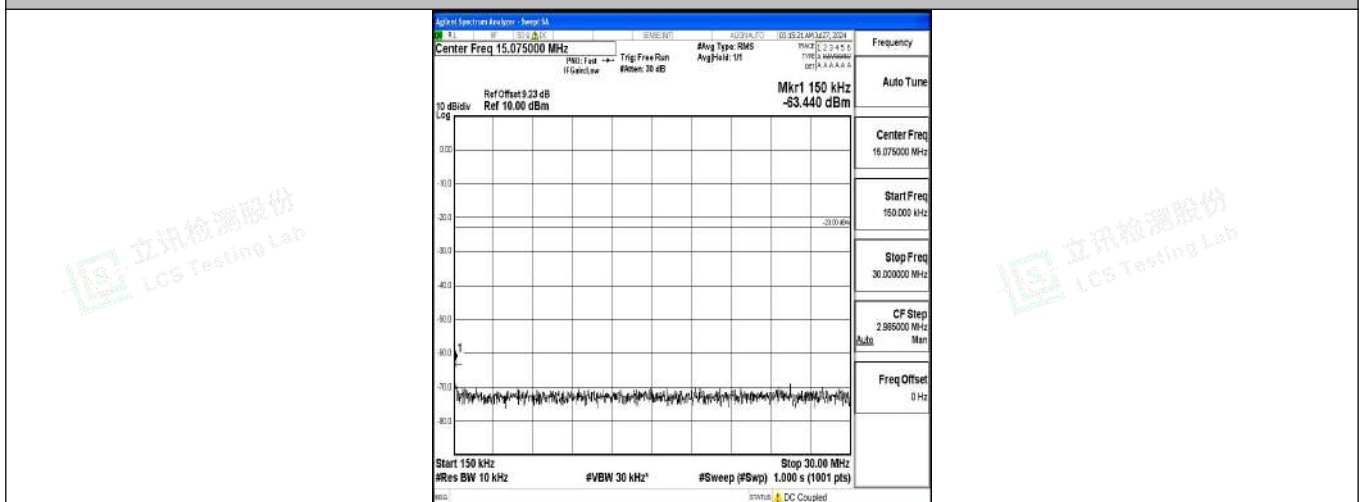
Scan code to check authenticity



Band12-1.4MHz-QPSK-23095-1RB#0-3000~10000-PASS



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



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

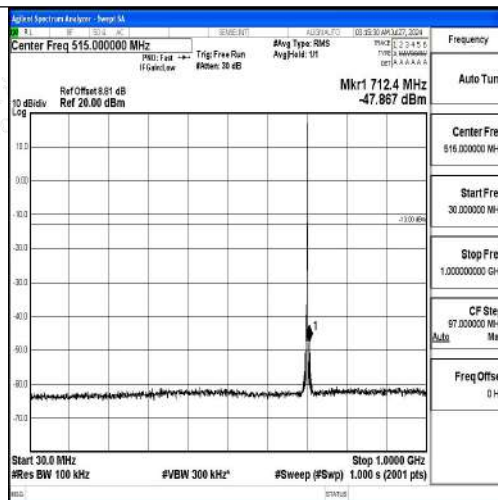


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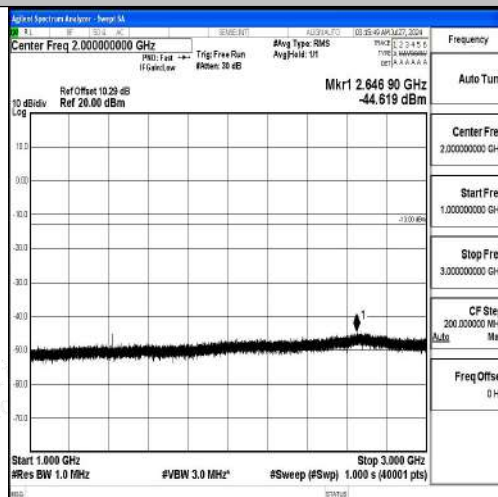
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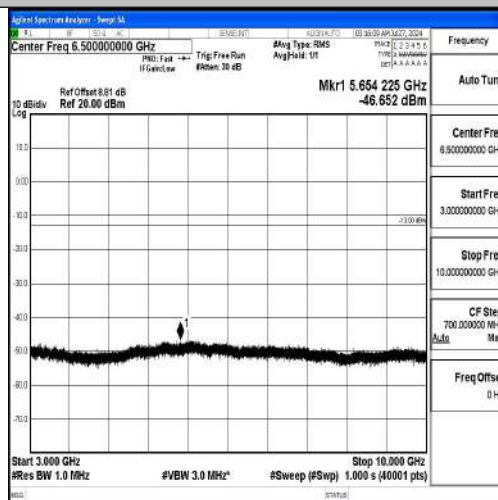
Scan code to check authenticity



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



Band12-1.4MHz-16QAM-23095-1RB#0-1000~3000-PASS



Band12-1.4MHz-16QAM-23095-1RB#0-3000~10000-PASS

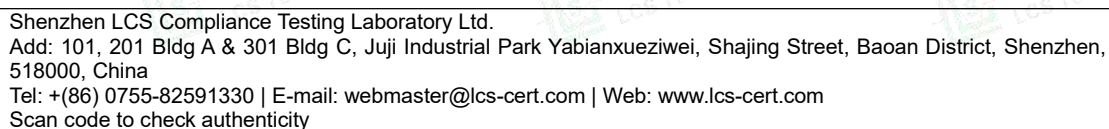
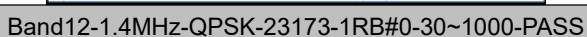
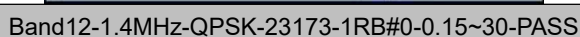
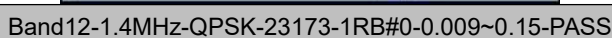


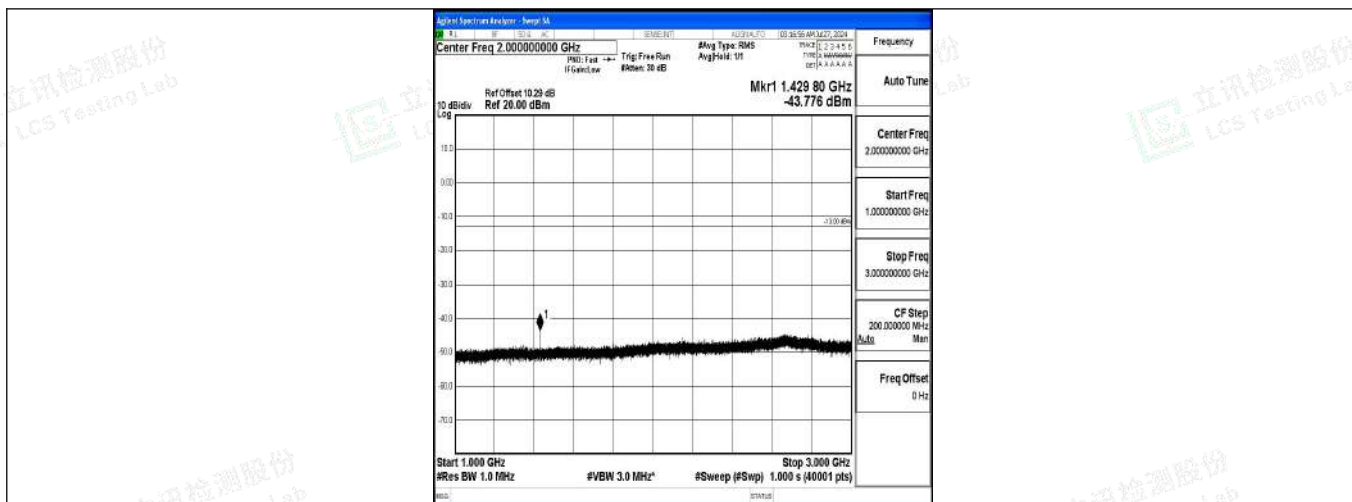
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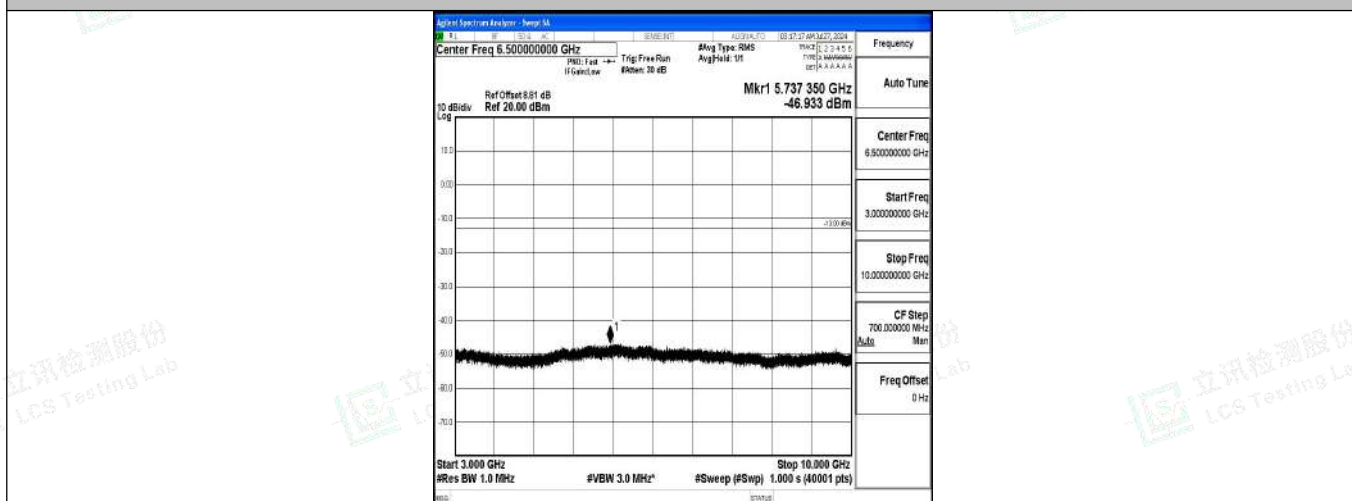
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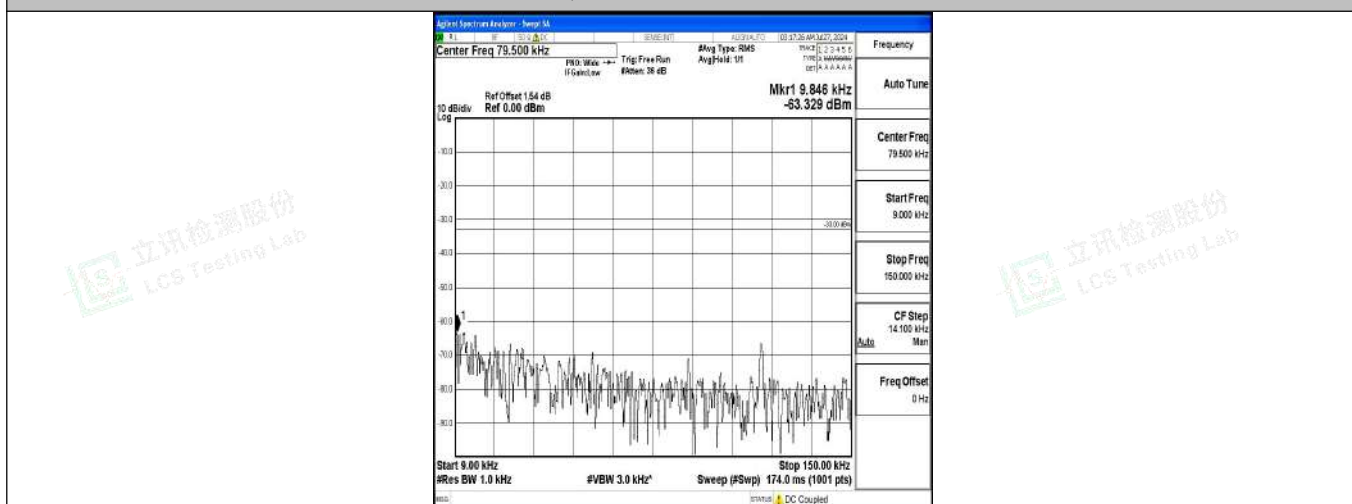




Band12-1.4MHz-QPSK-23173-1RB#0-1000~3000-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-3000~10000-PASS



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

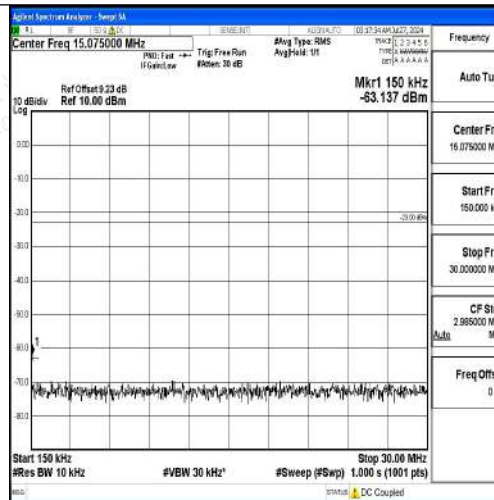


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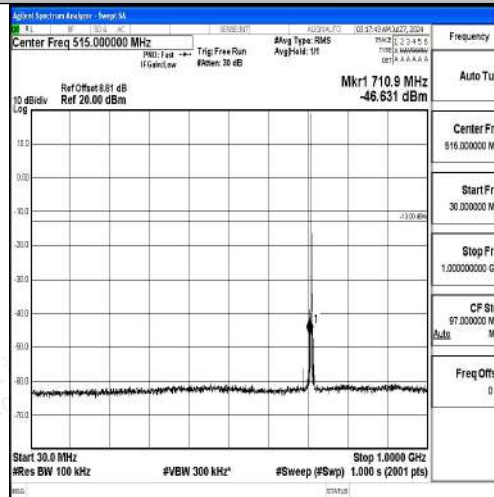
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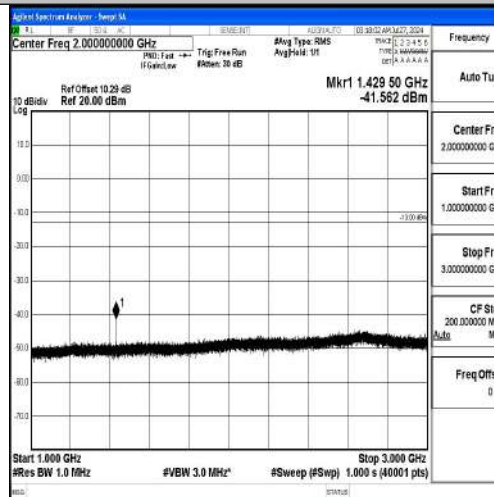
Scan code to check authenticity



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



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



Band12-1.4MHz-16QAM-23173-1RB#0-1000~3000-PASS

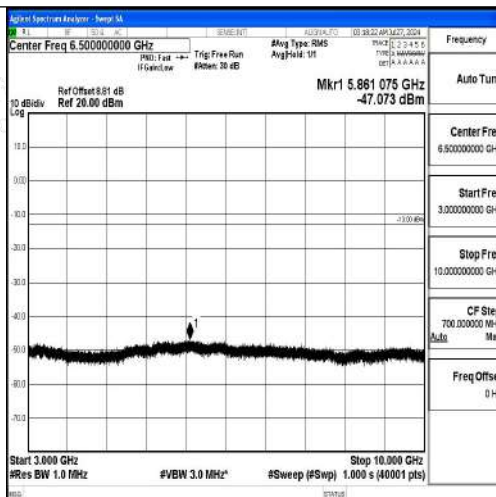


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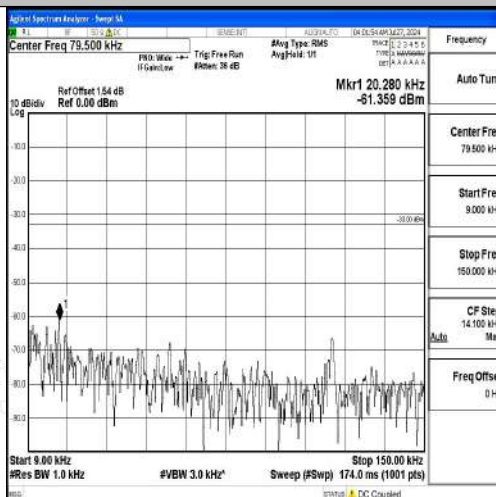
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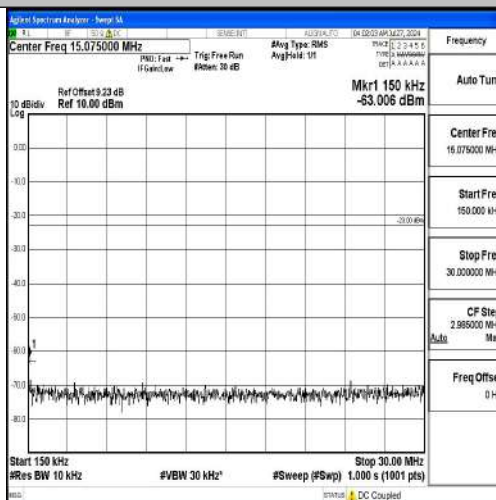
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Band12-1.4MHz-16QAM-23173-1RB#0-3000~10000-PASS



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



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

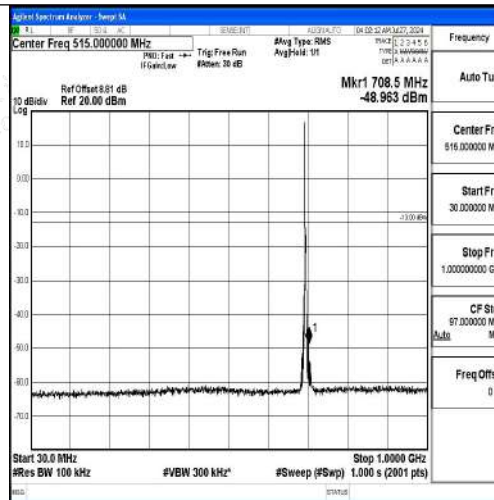


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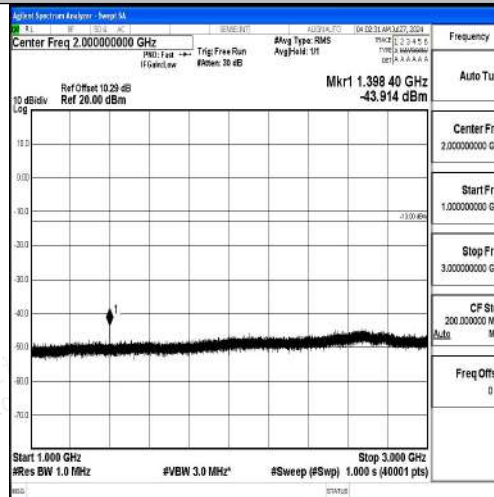
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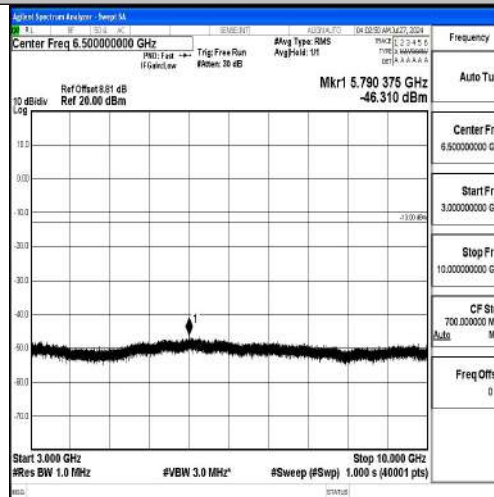
Scan code to check authenticity



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



Band12-3MHz-QPSK-23025-1RB#0-1000~3000-PASS



Band12-3MHz-QPSK-23025-1RB#0-3000~10000-PASS

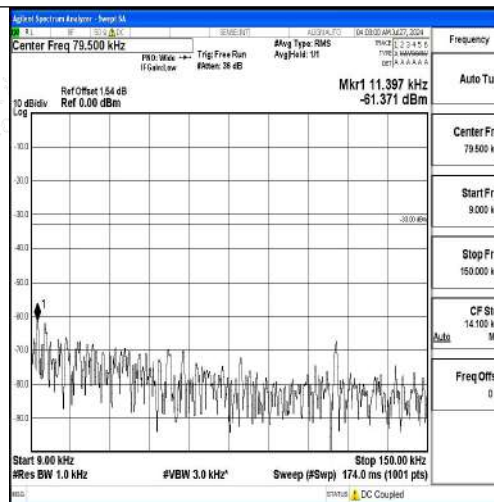


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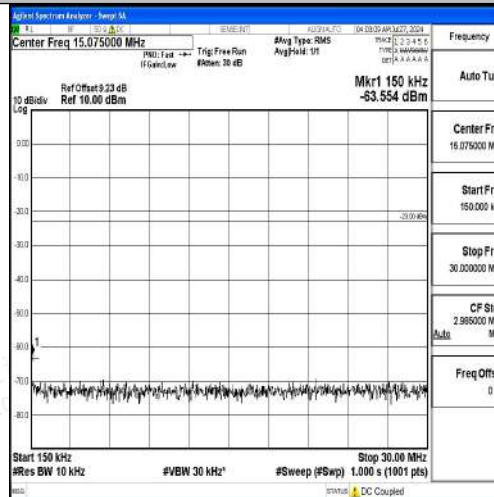
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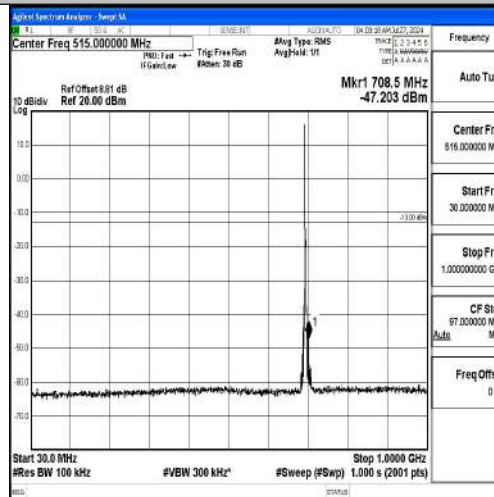
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Band12-3MHz-16QAM-23025-1RB#0-0.009~0.15-PASS



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



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

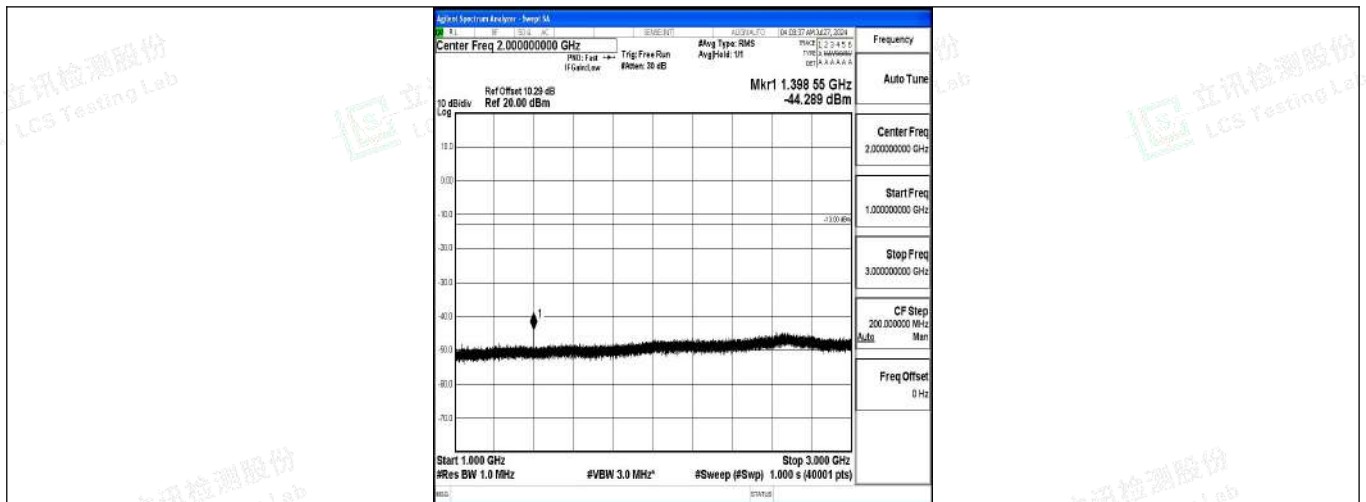


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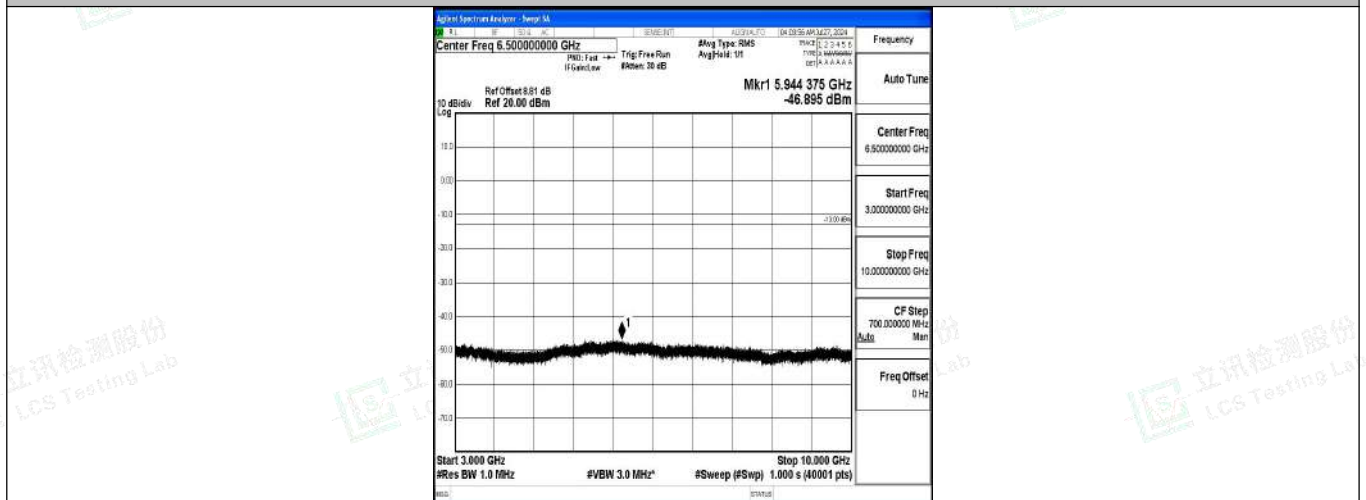
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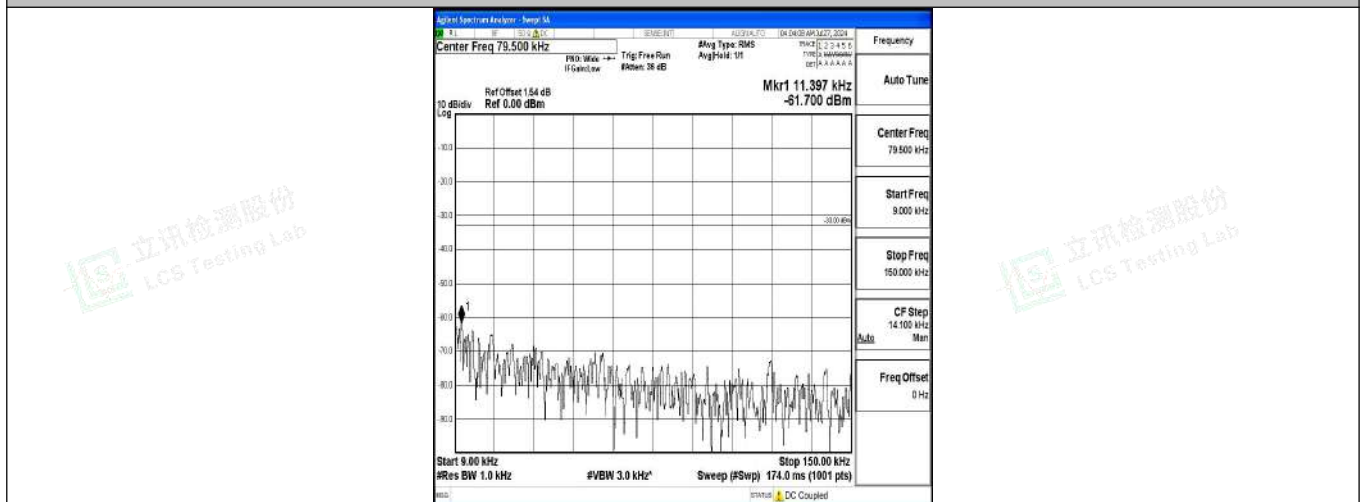
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Band12-3MHz-16QAM-23025-1RB#0-1000~3000-PASS



Band12-3MHz-16QAM-23025-1RB#0-3000~10000-PASS



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

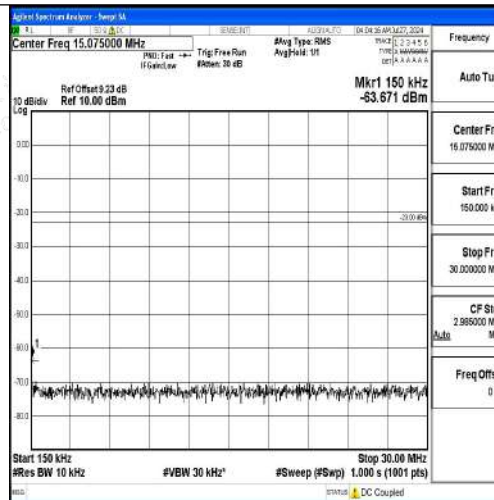


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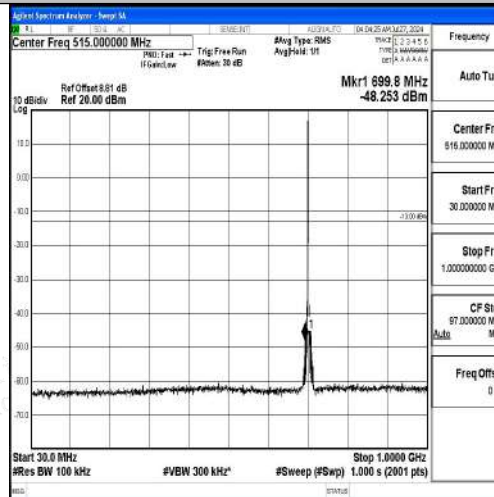
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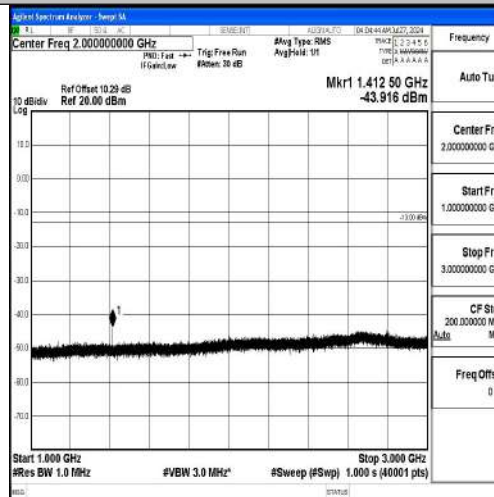
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Band12-3MHz-QPSK-23095-1RB#0-0.15~30-PASS



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



Band12-3MHz-QPSK-23095-1RB#0-1000~3000-PASS

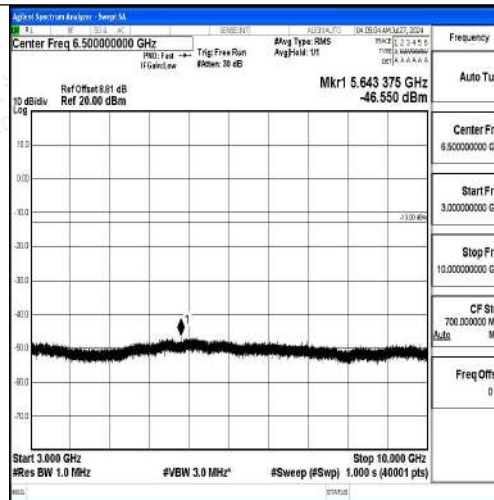


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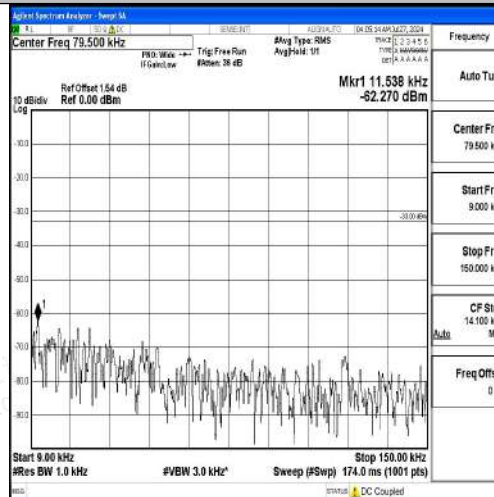
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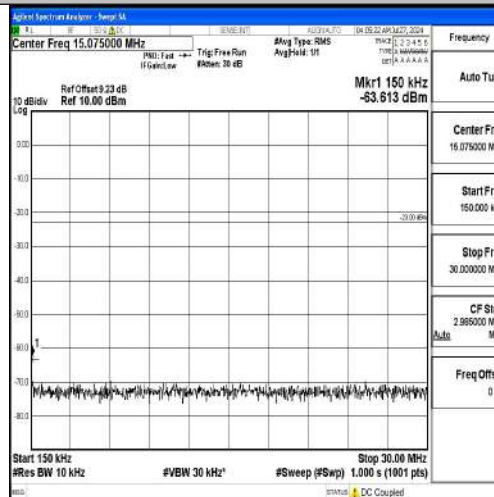
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Band12-3MHz-QPSK-23095-1RB#0-3000~10000-PASS



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



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

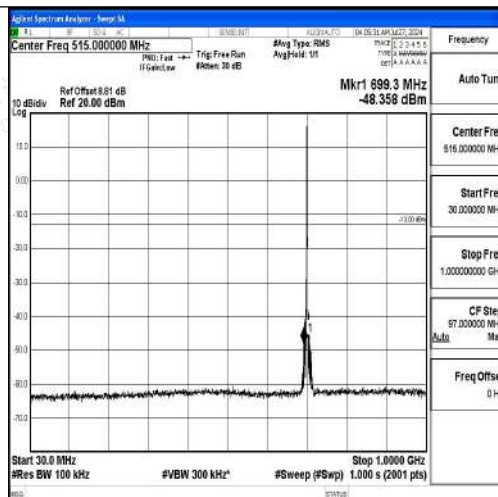


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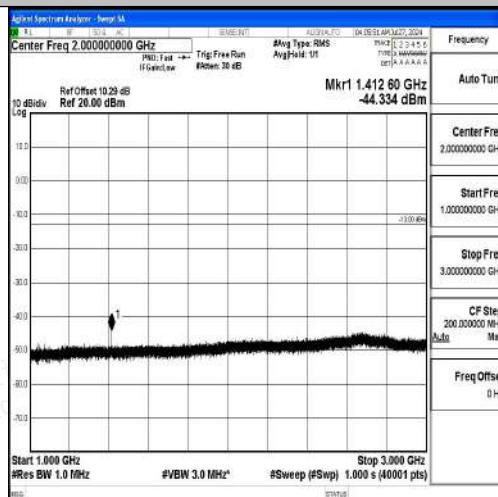
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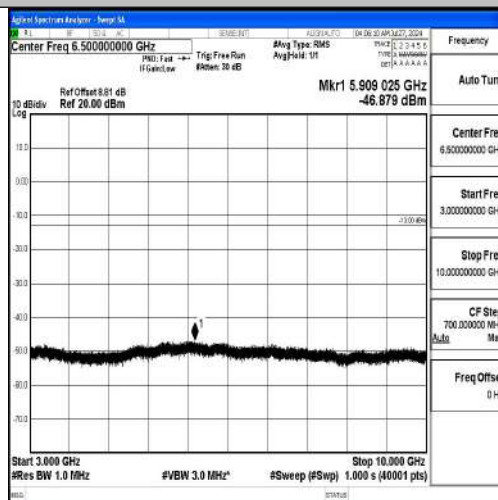
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Band12-3MHz-16QAM-23095-1RB#0-30~1000-PASS



Band12-3MHz-16QAM-23095-1RB#0-1000~3000-PASS



Band12-3MHz-16QAM-23095-1RB#0-3000~10000-PASS

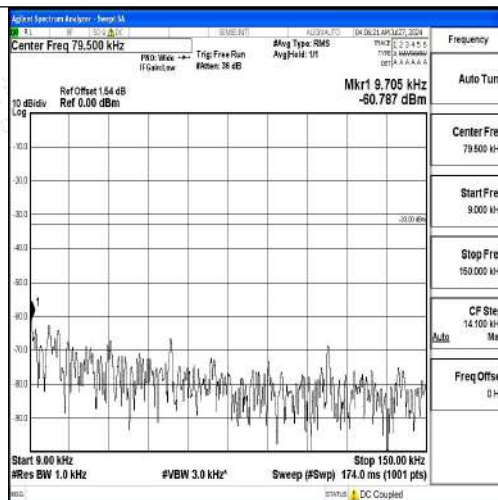


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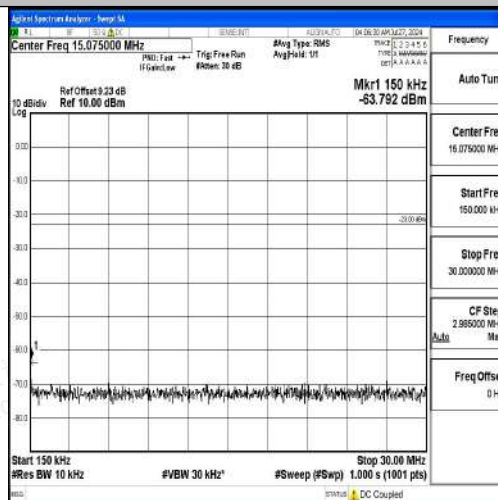
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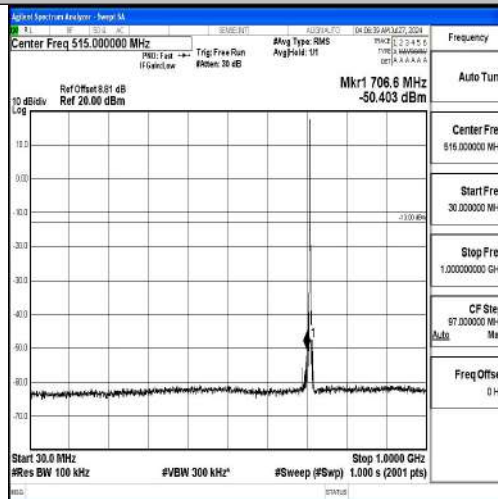
Scan code to check authenticity



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



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



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

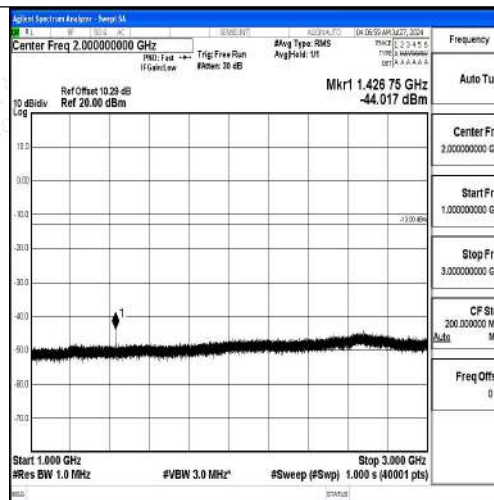


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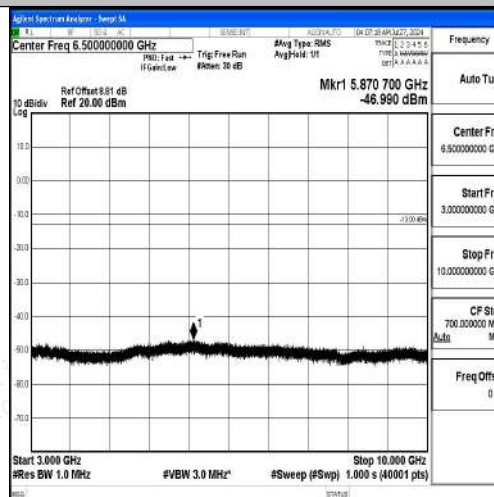
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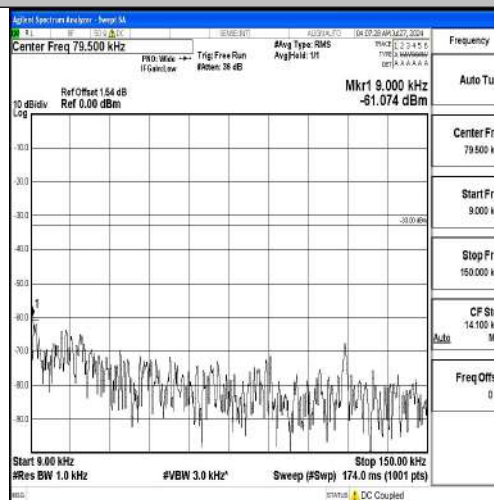
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Band12-3MHz-QPSK-23165-1RB#0-1000~3000-PASS



Band12-3MHz-QPSK-23165-1RB#0-3000~10000-PASS



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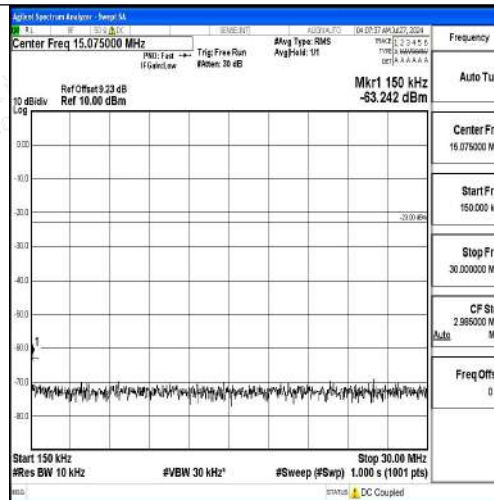


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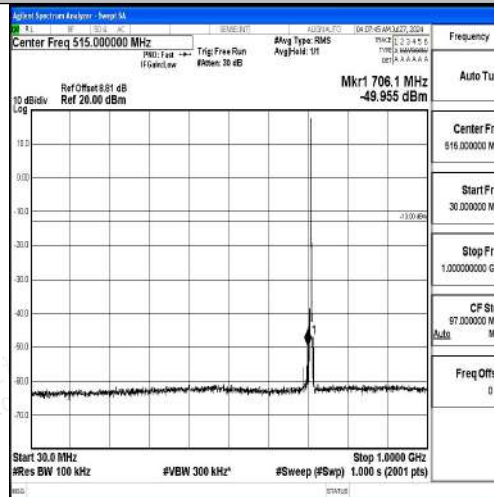
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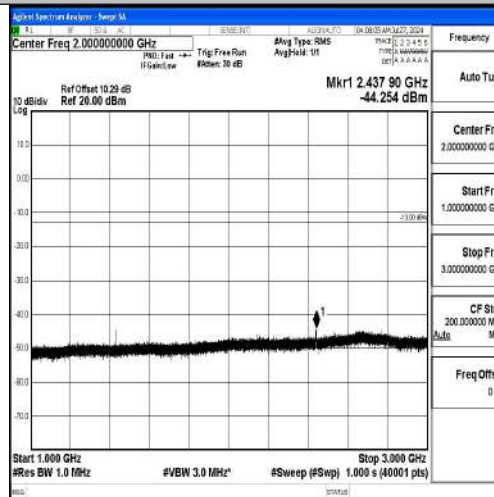
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Band12-3MHz-16QAM-23165-1RB#0-0.15~30-PASS



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



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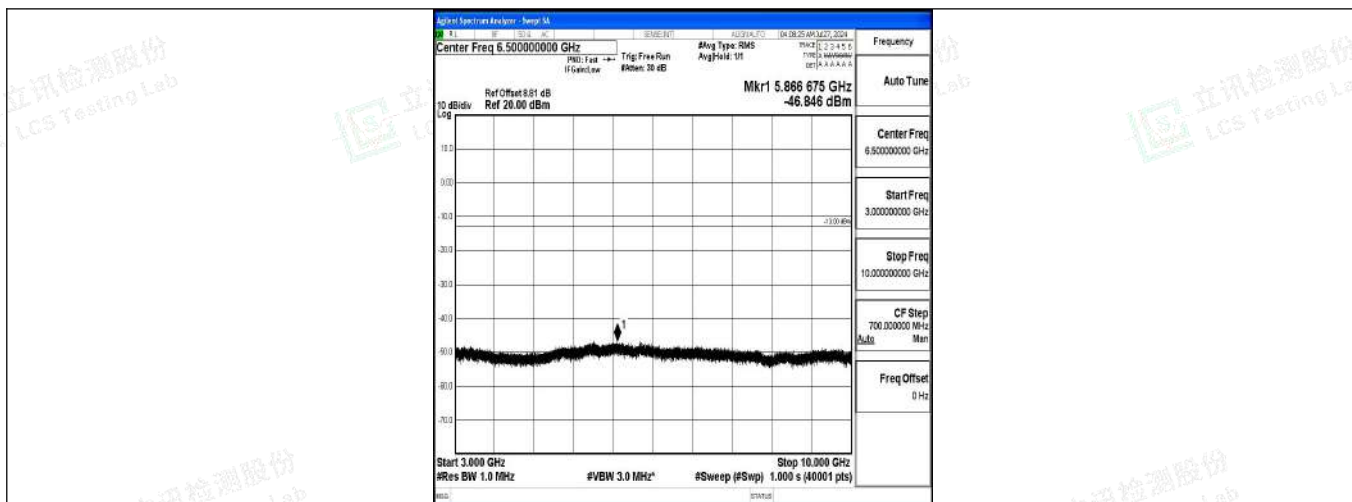


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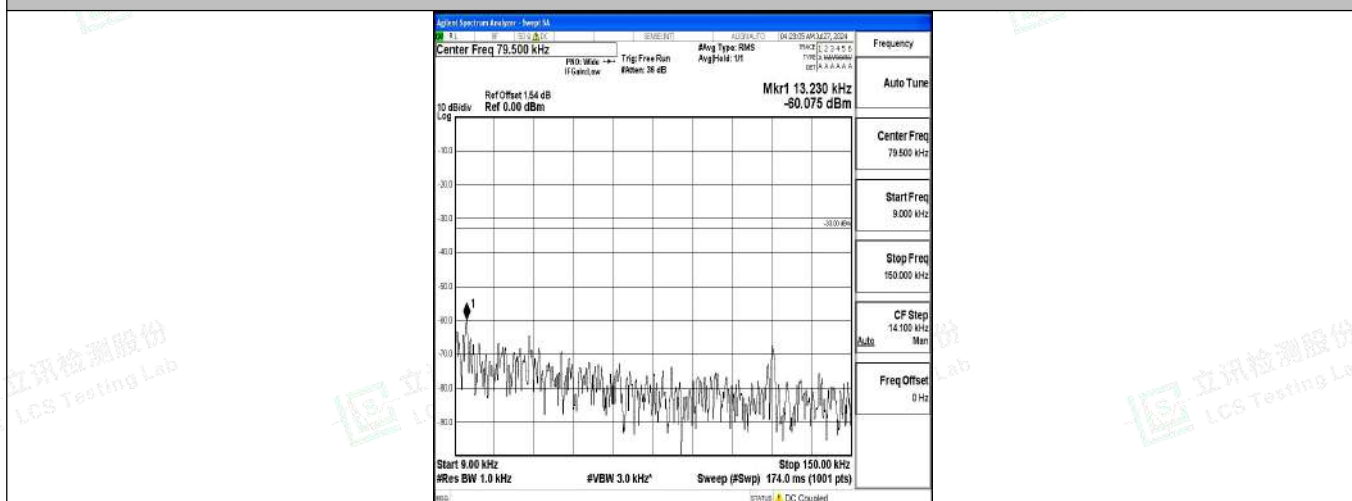
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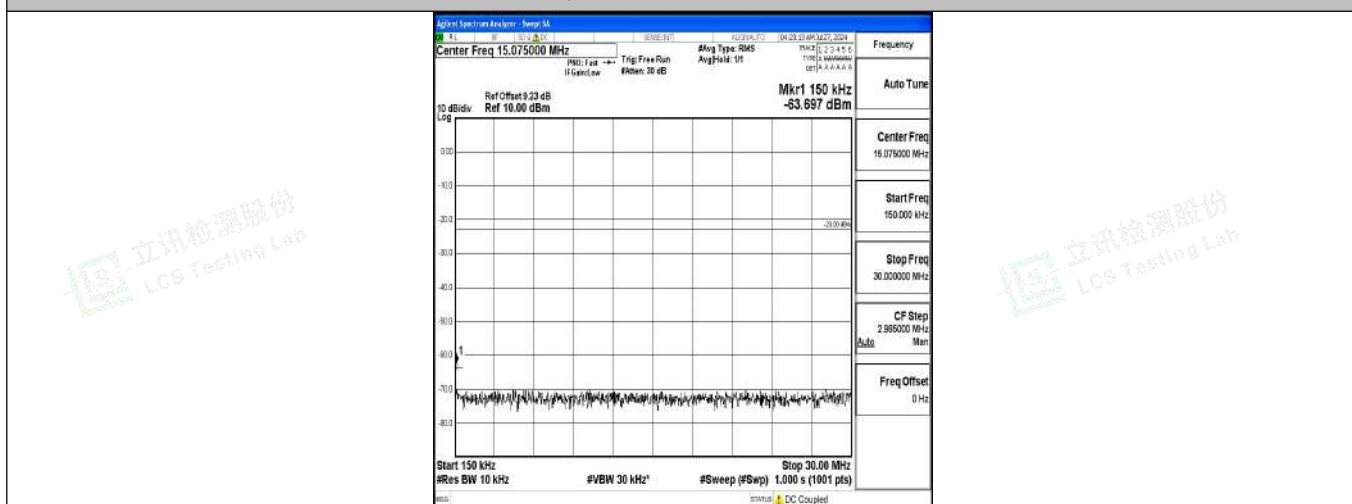
Scan code to check authenticity



Band12-3MHz-16QAM-23165-1RB#0-3000~10000-PASS



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



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

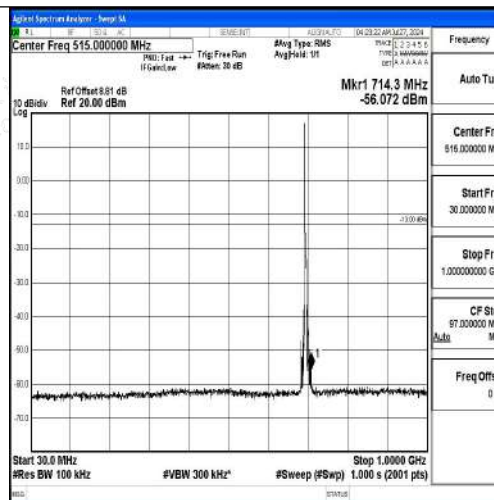


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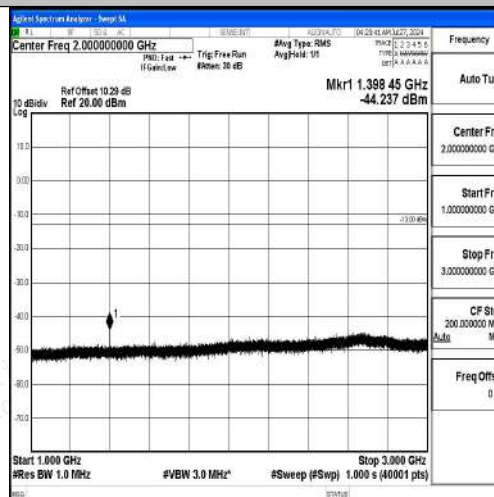
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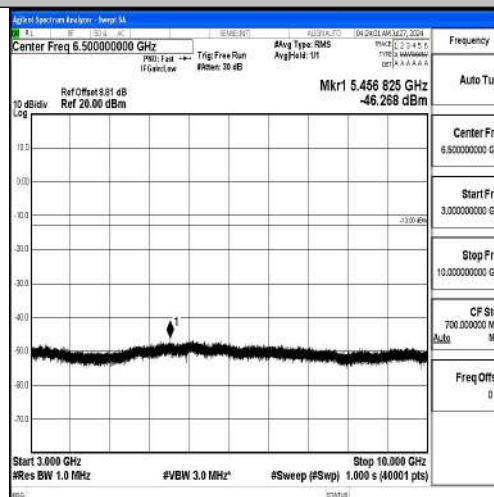
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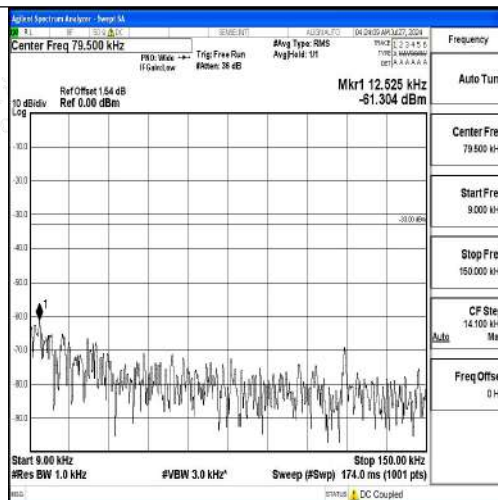


Band12-5MHz-QPSK-23035-1RB#0-1000~3000-PASS

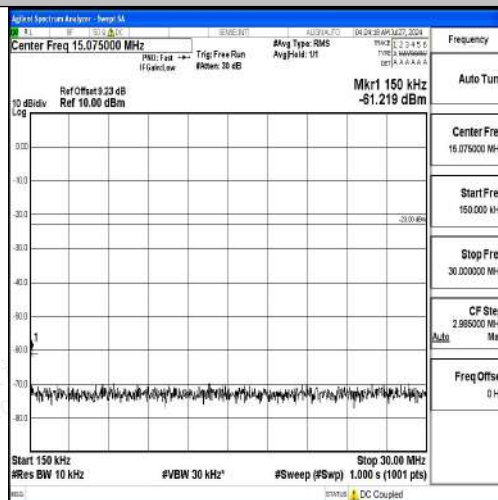


Band12-5MHz-QPSK-23035-1RB#0-3000~10000-PASS

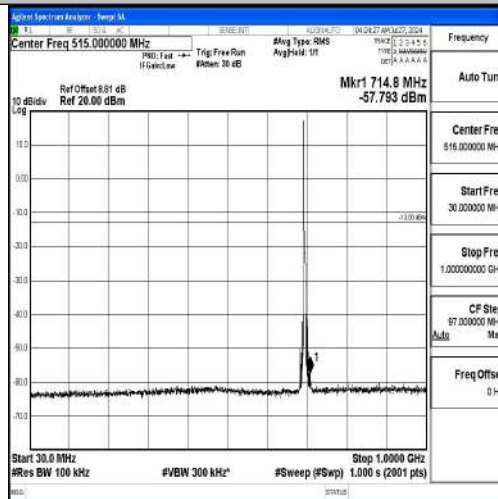




Band12-5MHz-16QAM-23035-1RB#0-0.009~0.15-PASS



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



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

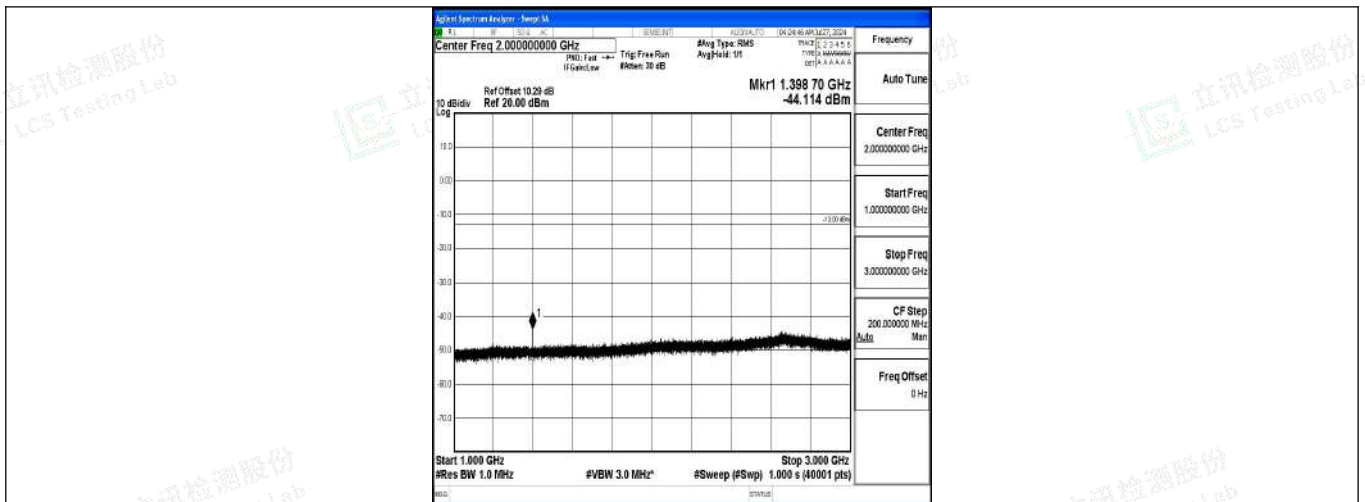


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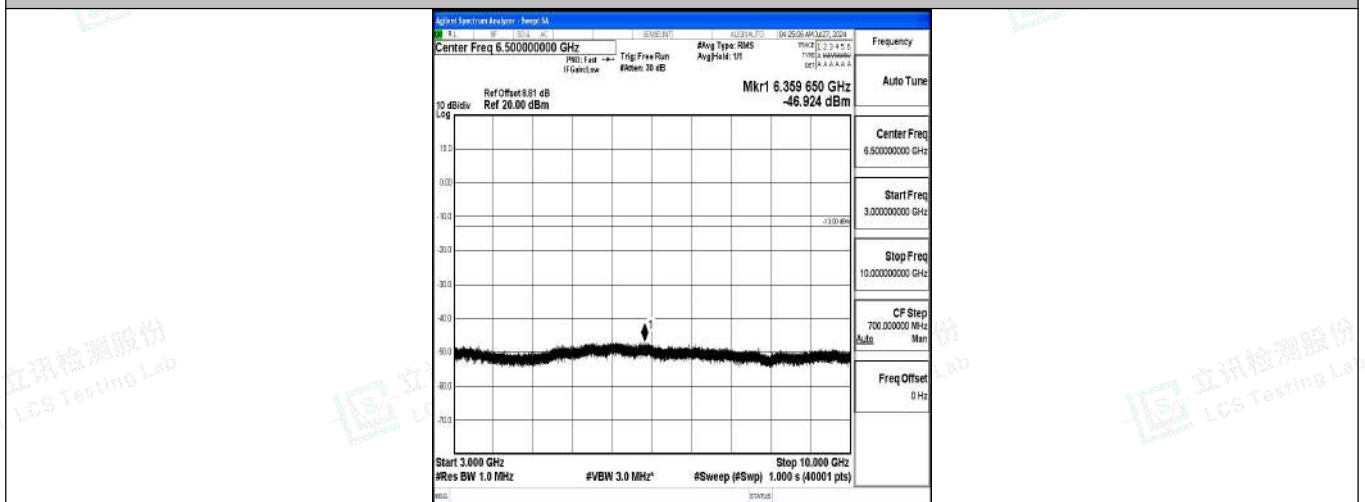
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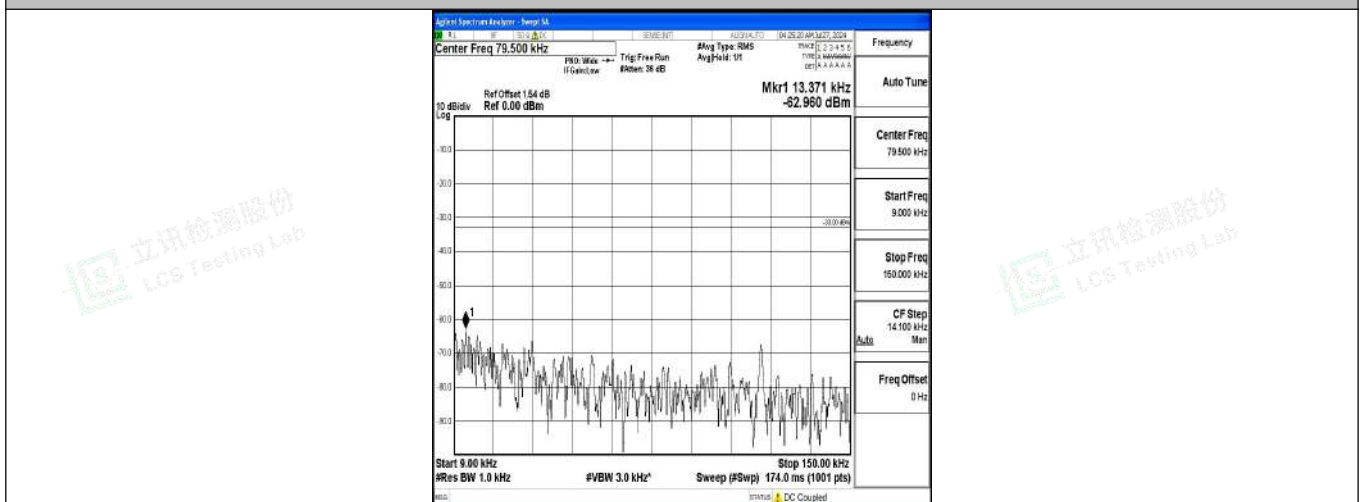
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Band12-5MHz-16QAM-23035-1RB#0-1000~3000-PASS



Band12-5MHz-16QAM-23035-1RB#0-3000~10000-PASS



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

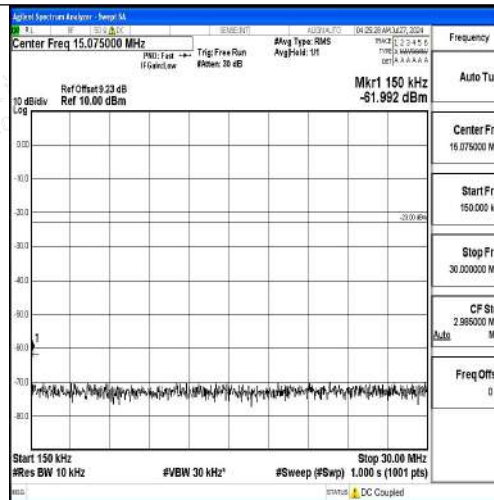


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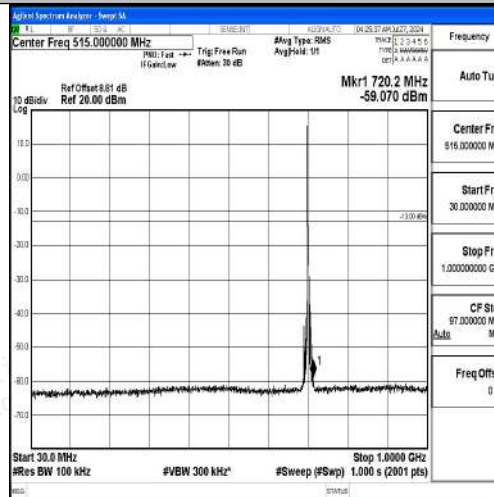
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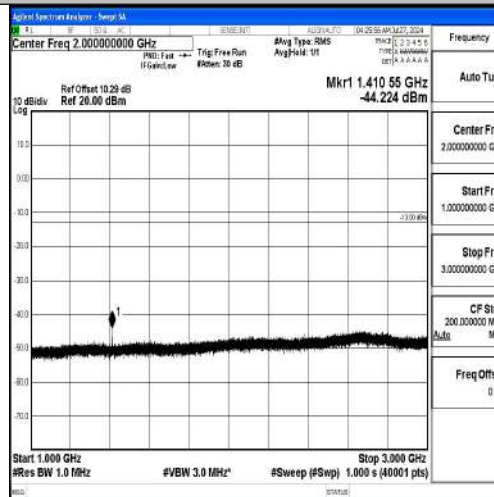
Scan code to check authenticity



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



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



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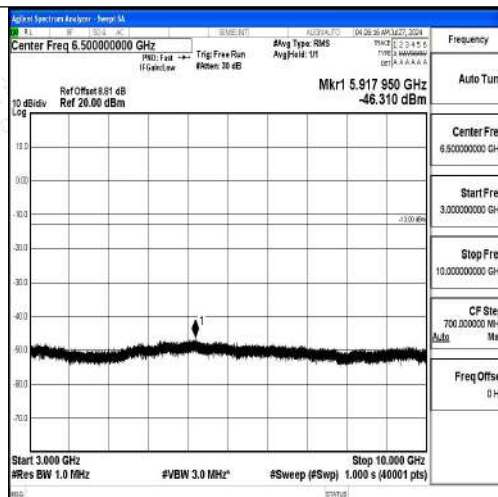


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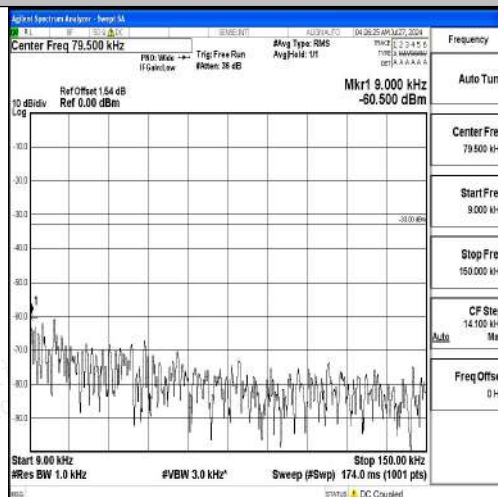
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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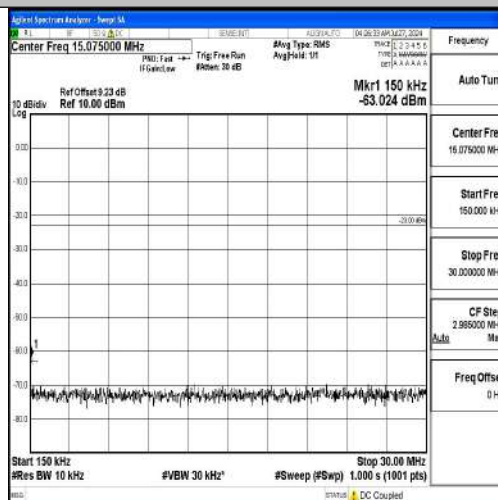
Scan code to check authenticity



Band12-5MHz-QPSK-23095-1RB#0-3000~10000-PASS



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



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

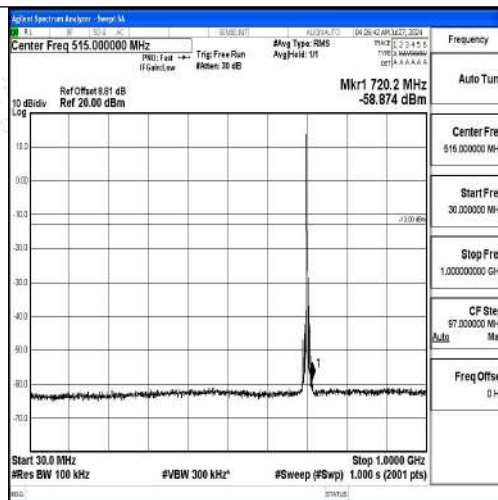


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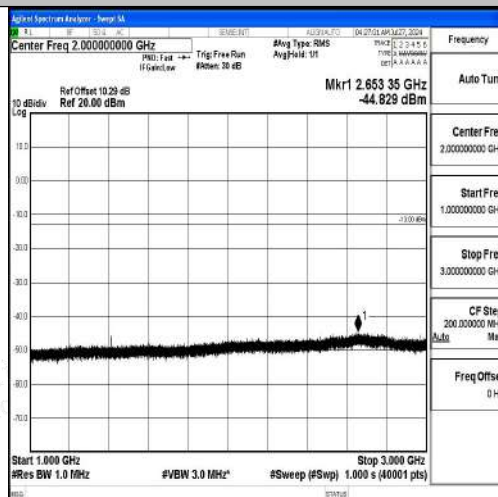
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

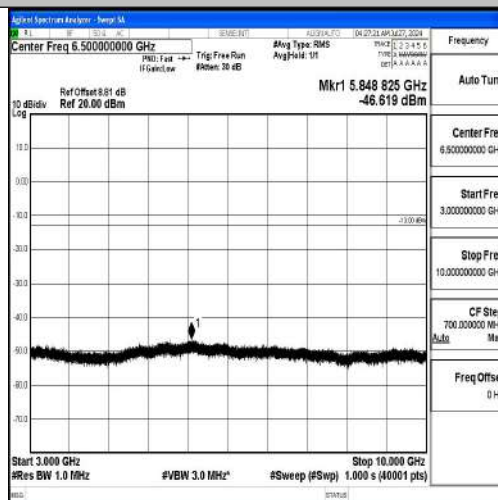
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Band12-5MHz-16QAM-23095-1RB#0-30~1000-PASS



Band12-5MHz-16QAM-23095-1RB#0-1000~3000-PASS



Band12-5MHz-16QAM-23095-1RB#0-3000~10000-PASS

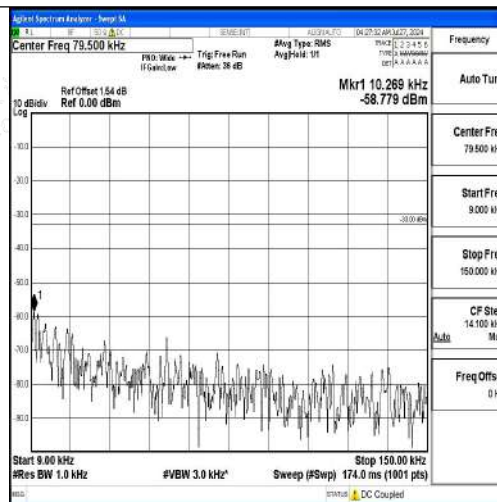


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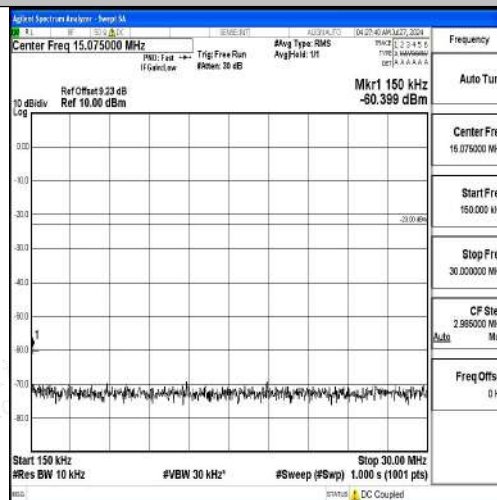
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

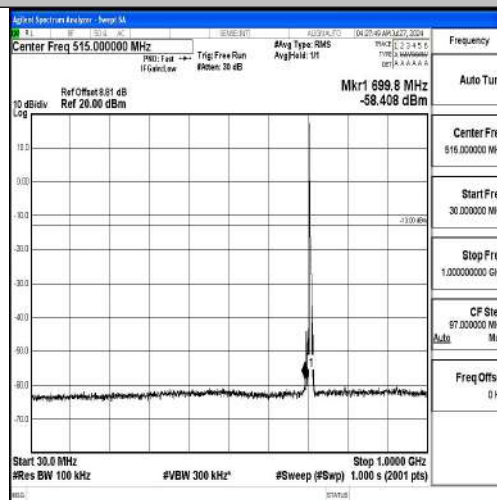
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Band12-5MHz-QPSK-23155-1RB#0-0.15~30-PASS



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

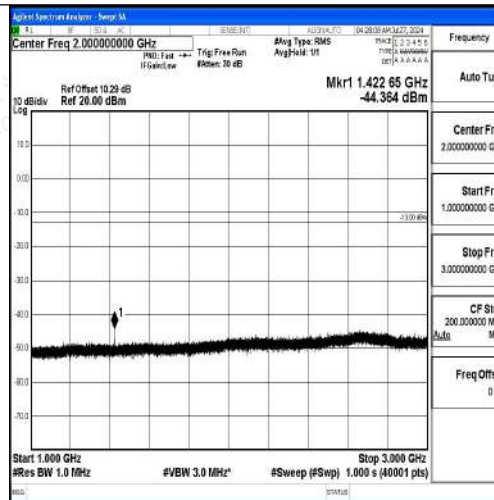


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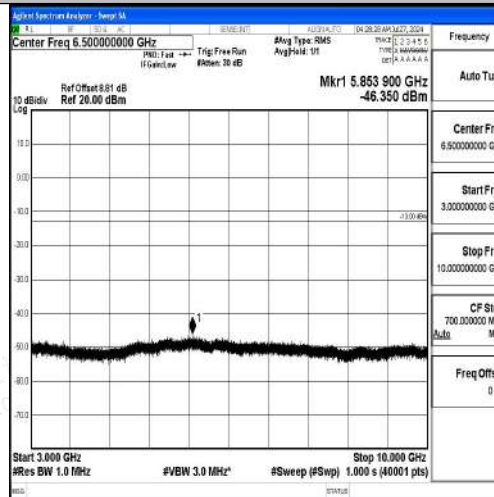
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

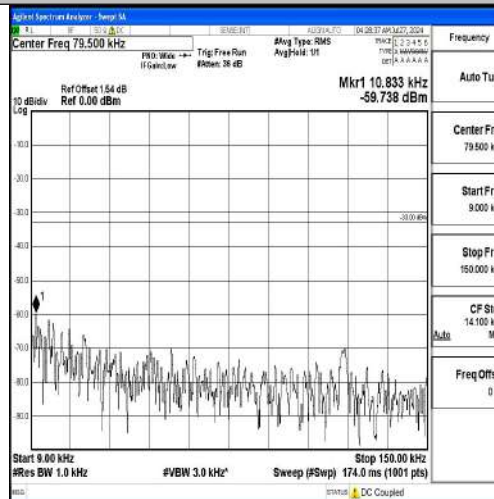
Scan code to check authenticity



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Band12-5MHz-QPSK-23155-1RB#0-3000~10000-PASS



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

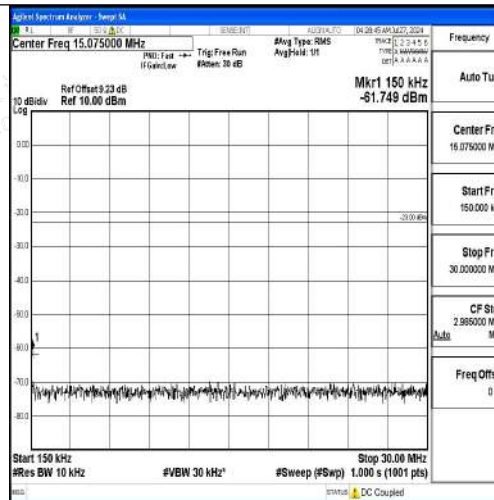


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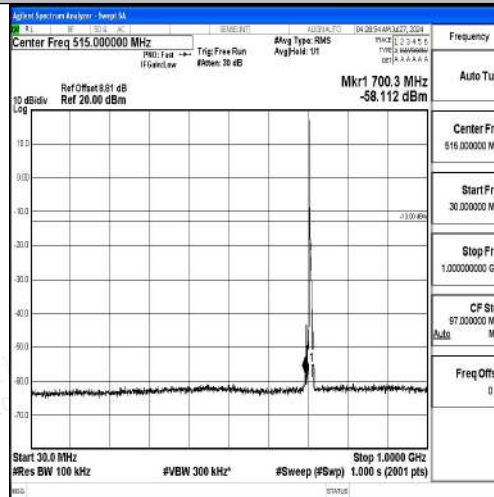
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

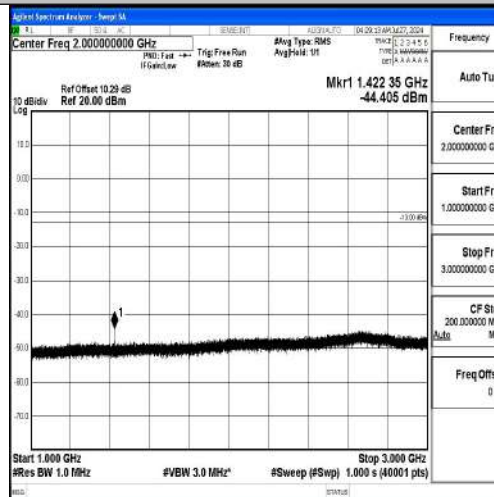
Scan code to check authenticity



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



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



Band12-5MHz-16QAM-23155-1RB#0-1000~3000-PASS

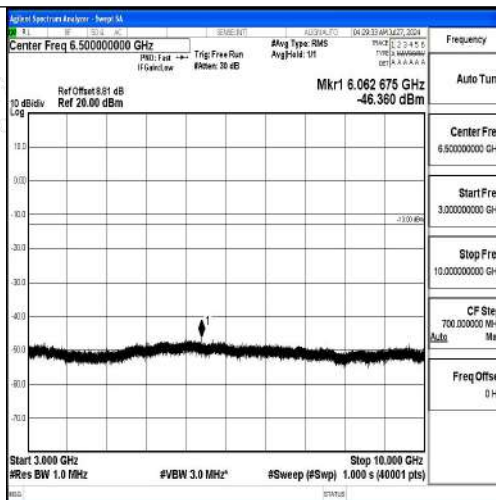


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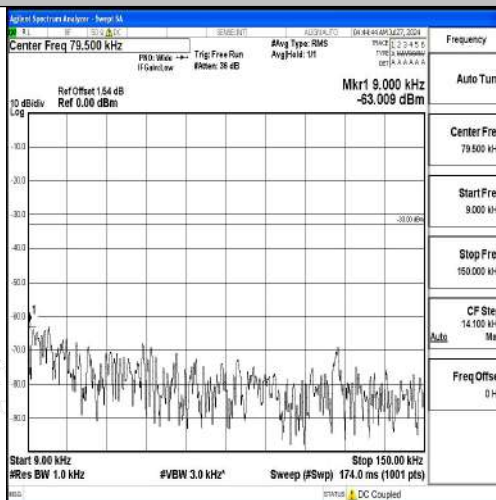
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

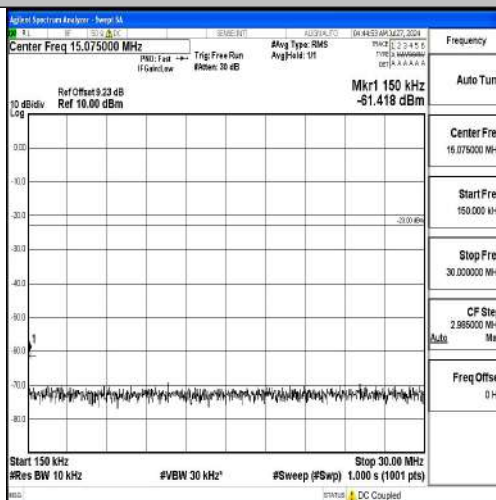
Scan code to check authenticity



Band12-5MHz-16QAM-23155-1RB#0-3000~10000-PASS



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



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

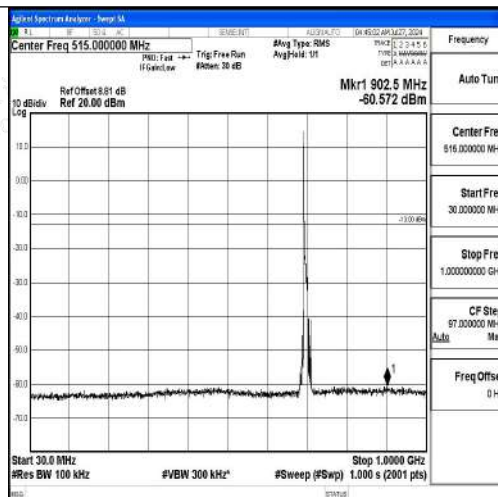


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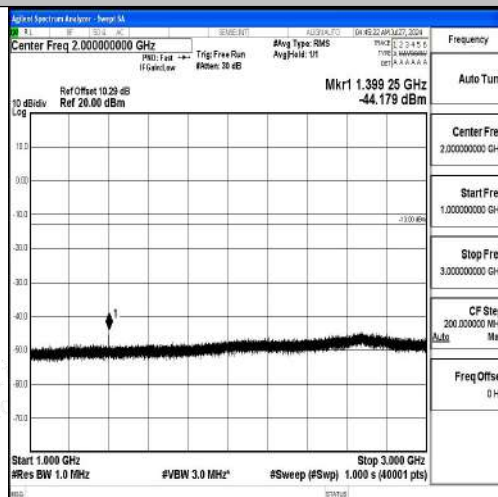
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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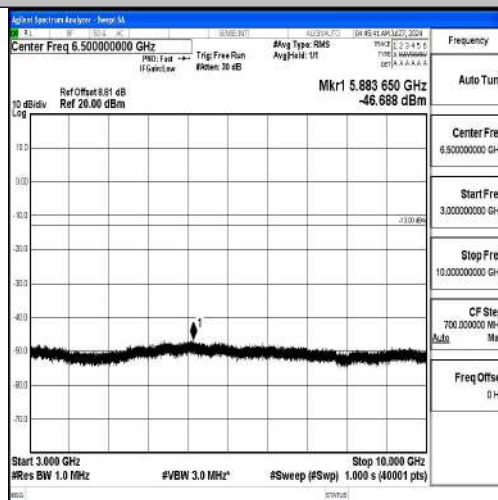
Scan code to check authenticity



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



Band12-10MHz-QPSK-23060-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23060-1RB#0-3000~10000-PASS

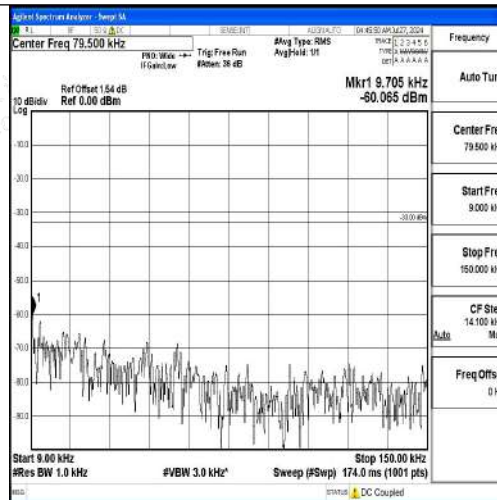


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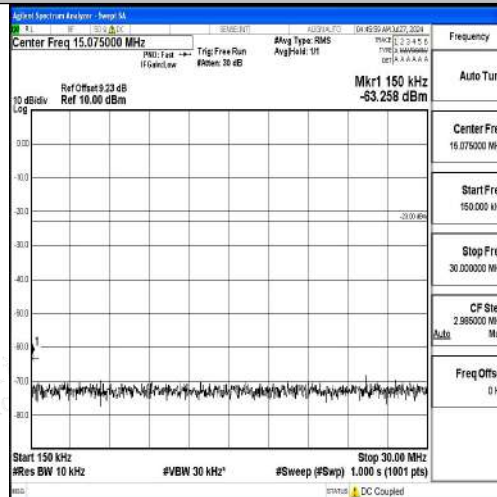
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

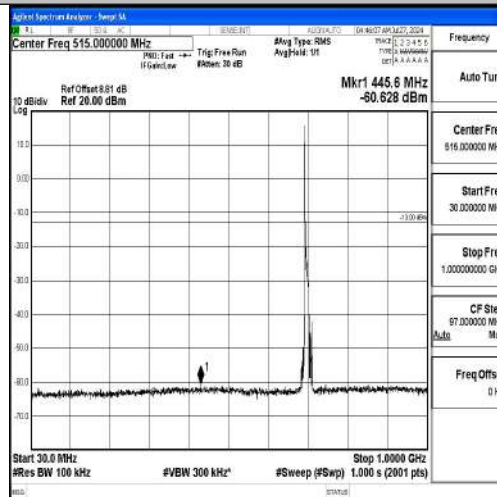
Scan code to check authenticity



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



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



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

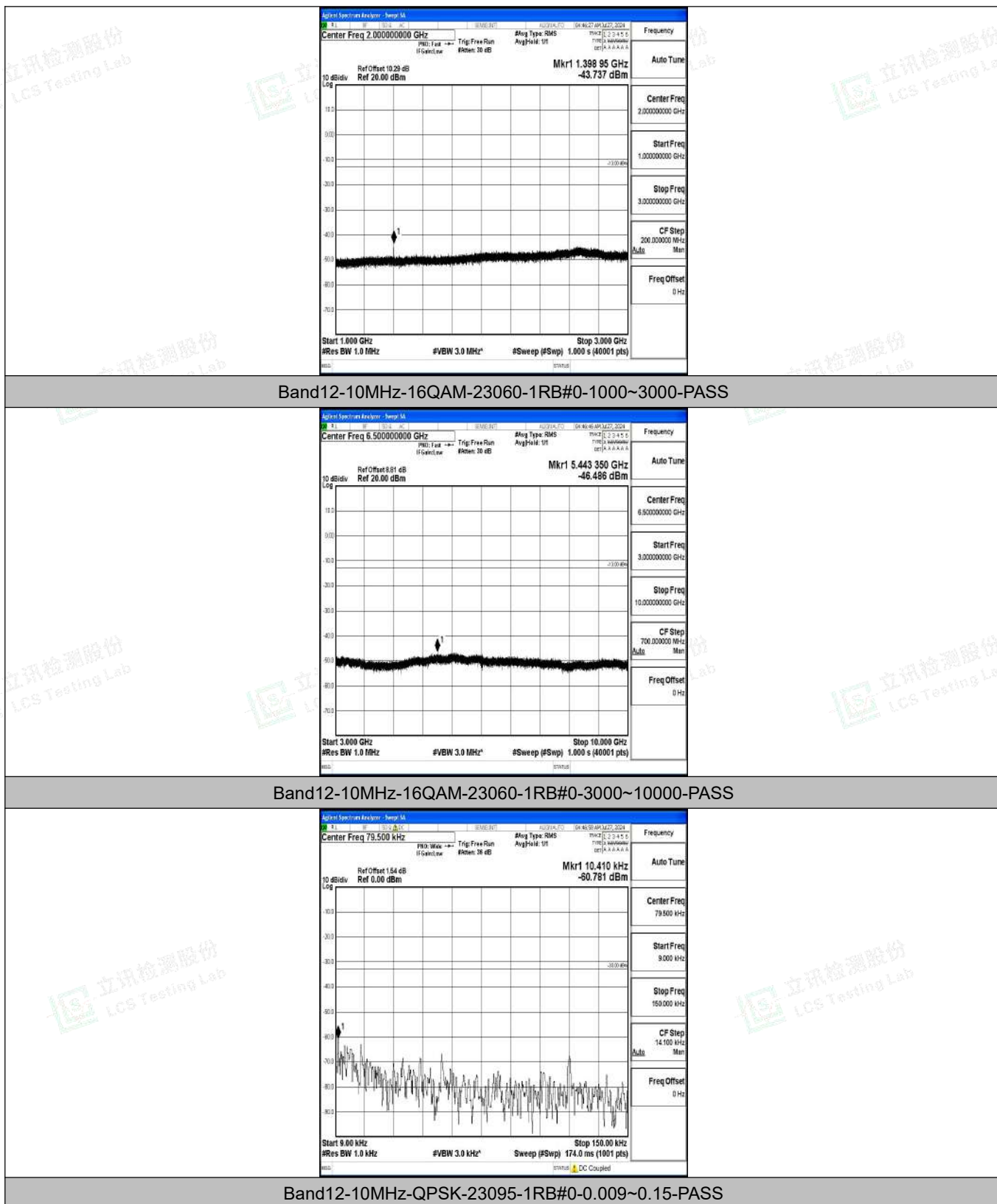


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

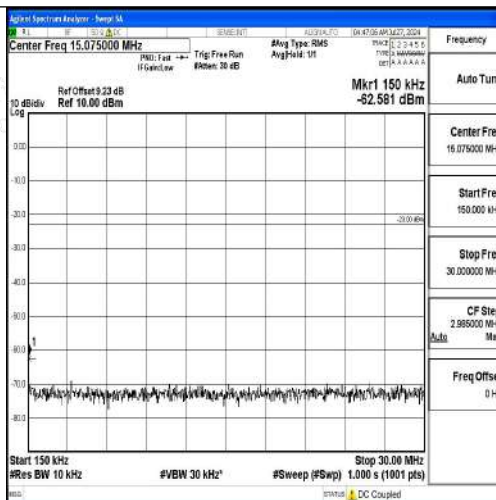


Shenzhen LCS Compliance Testing Laboratory Ltd.

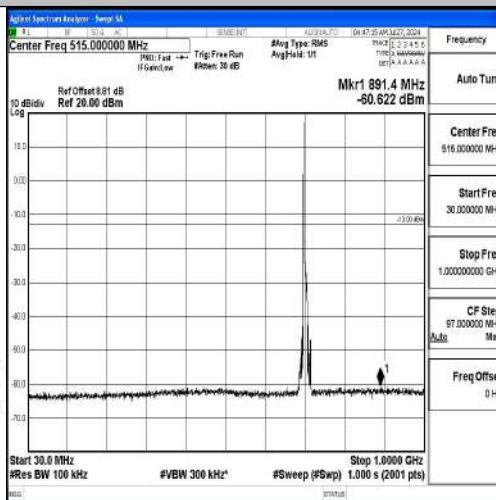
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

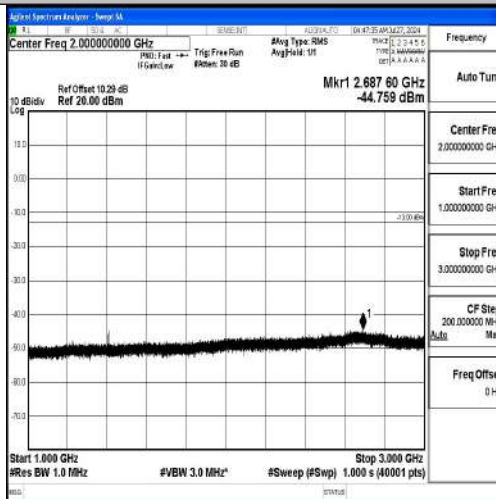
Scan code to check authenticity



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



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



Band12-10MHz-QPSK-23095-1RB#0-1000~3000-PASS

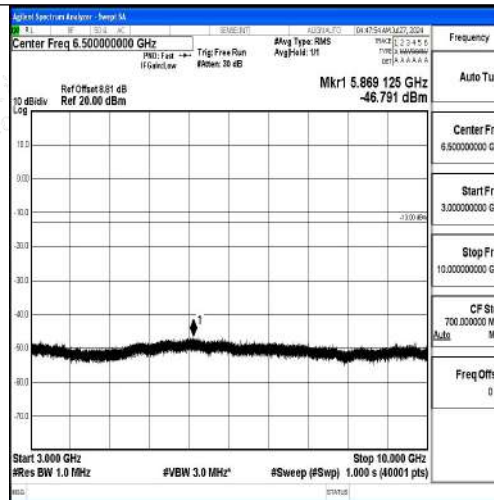


Shenzhen LCS Compliance Testing Laboratory Ltd.

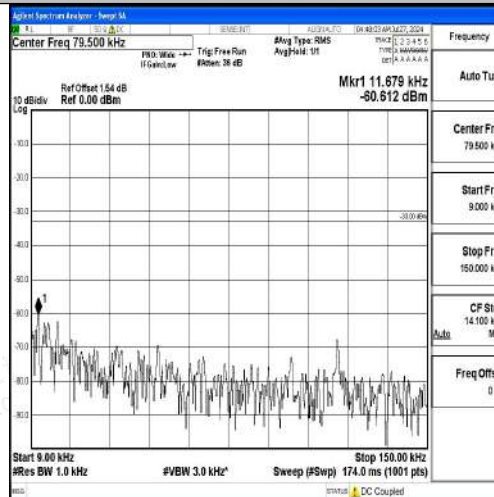
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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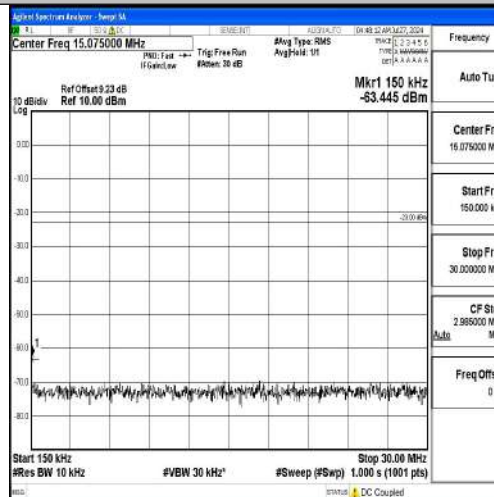
Scan code to check authenticity



Band12-10MHz-QPSK-23095-1RB#0-3000~10000-PASS



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



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

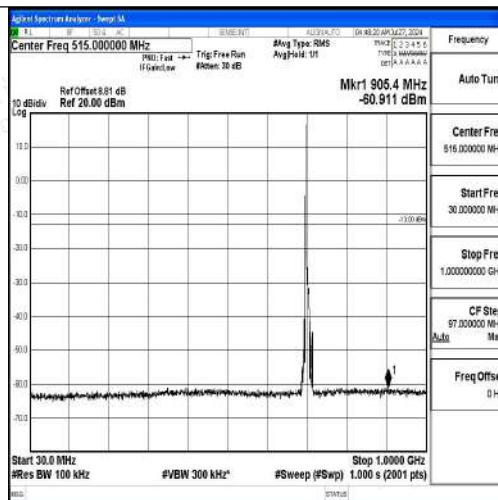


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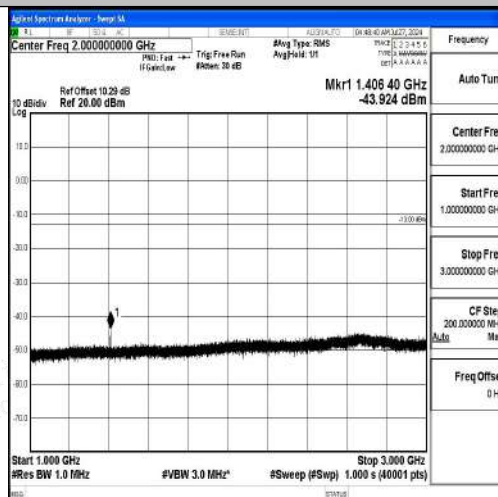
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

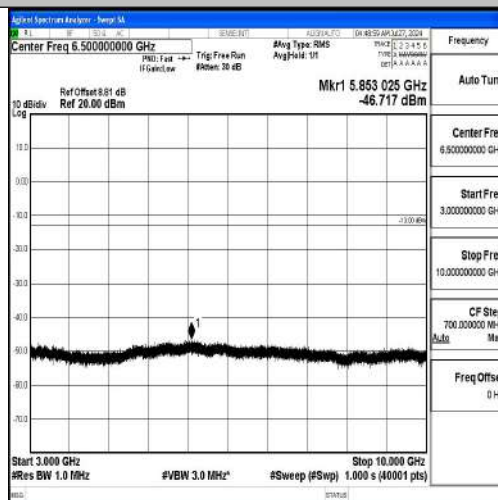
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Band12-10MHz-16QAM-23095-1RB#0-30~1000-PASS



Band12-10MHz-16QAM-23095-1RB#0-1000~3000-PASS



Band12-10MHz-16QAM-23095-1RB#0-3000~10000-PASS

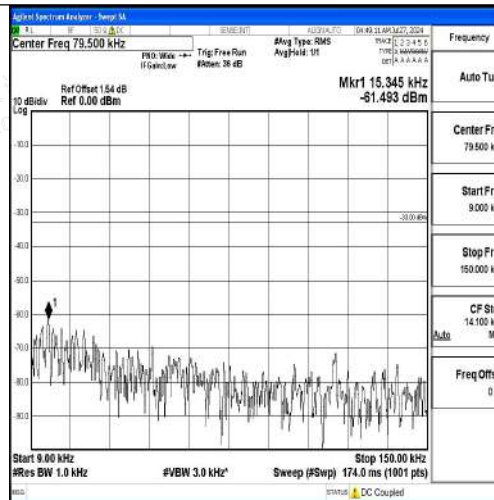


Shenzhen LCS Compliance Testing Laboratory Ltd.

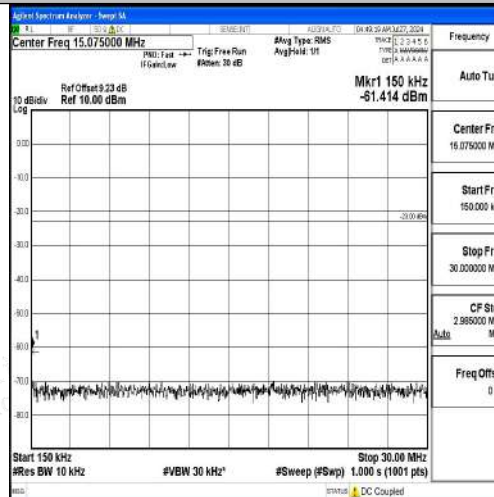
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

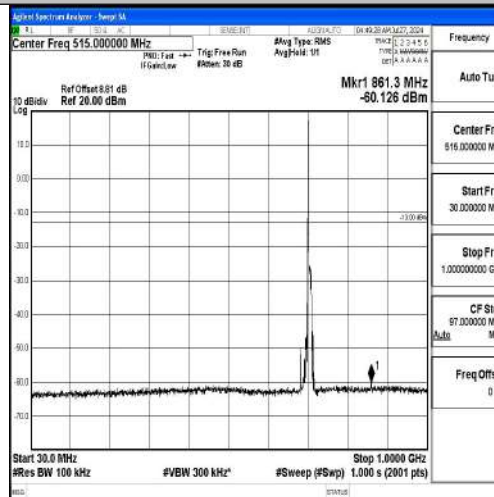
Scan code to check authenticity



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



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



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

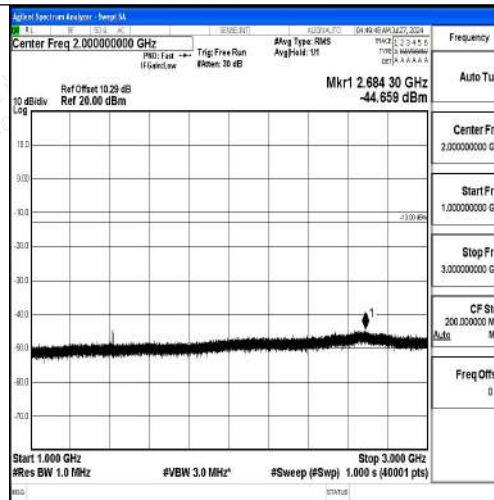


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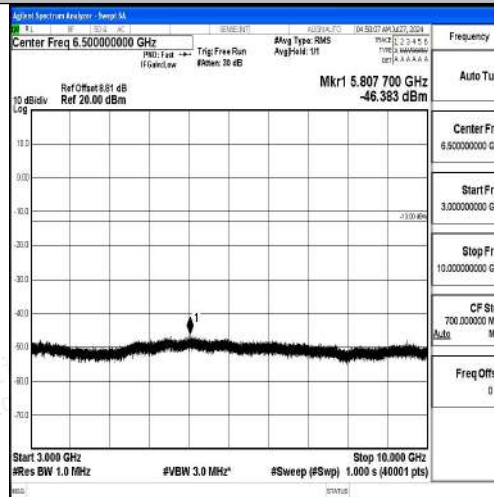
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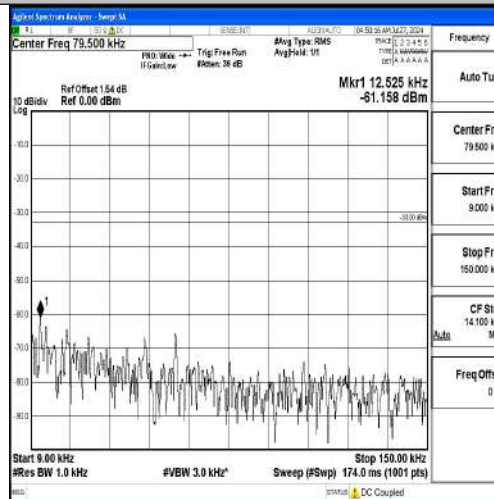
Scan code to check authenticity



Band12-10MHz-QPSK-23130-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23130-1RB#0-3000~10000-PASS



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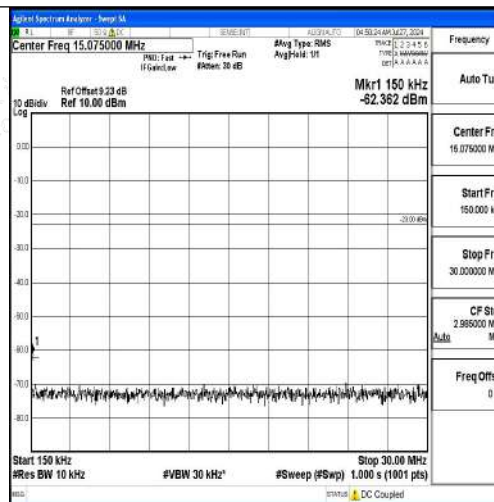


Shenzhen LCS Compliance Testing Laboratory Ltd.

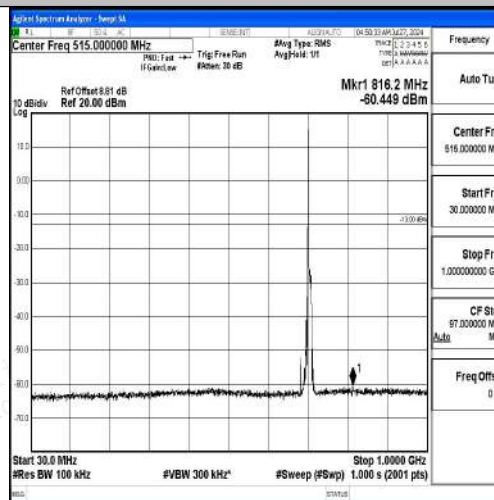
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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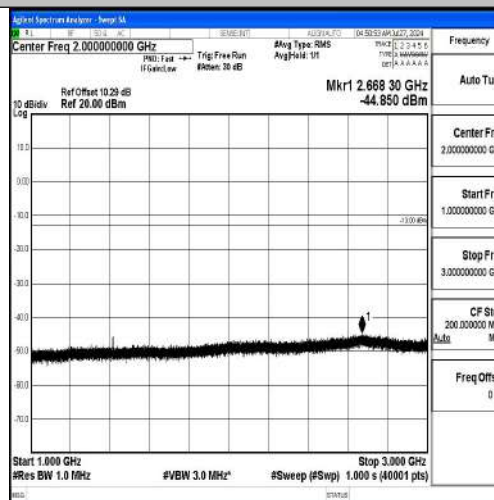
Scan code to check authenticity



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



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



Band12-10MHz-16QAM-23130-1RB#0-1000~3000-PASS

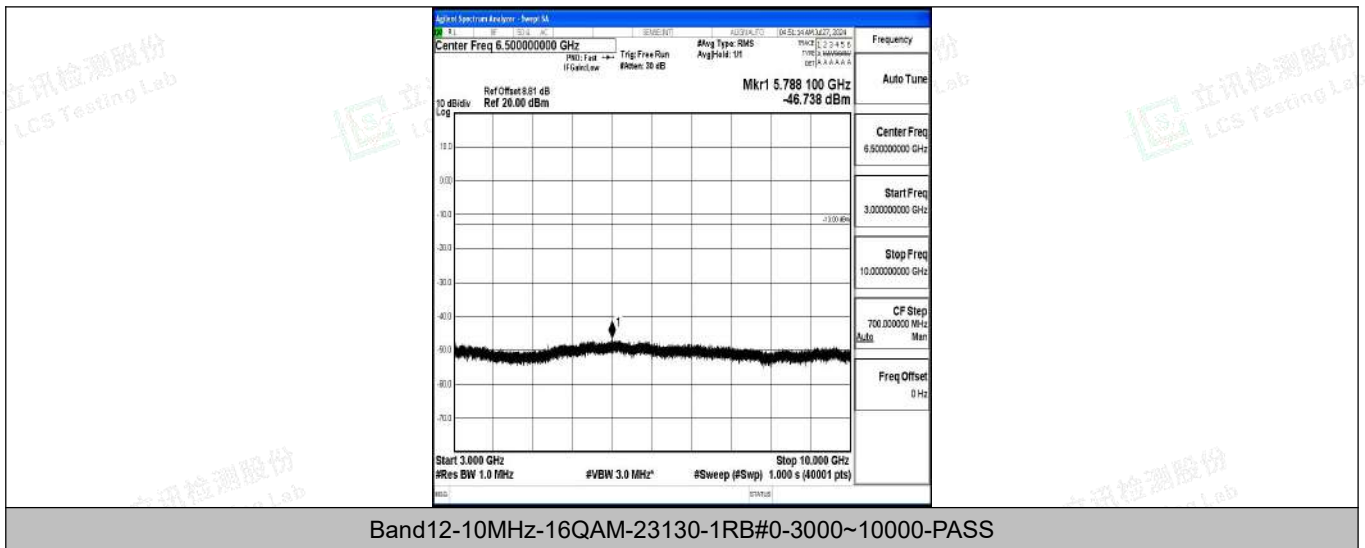


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Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
BandName	Bandwidth	Modulation	Channel	RBcfg	VolValue	TempValue	ValueHz	ValuePpm	Limit	Verdict

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	-30	-29.98	-0.042847	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-21.83	-0.031199	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-10	-15.75	-0.022510	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-8.65	-0.012362	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-2.57	-0.003673	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	4.72	0.006746	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	9.40	0.013434	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	12.83	0.018336	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	50	15.69	0.022424	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	17.75	0.025368	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	16.14	0.023067	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-10	11.90	0.017007	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	9.71	0.013877	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	7.91	0.011305	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	6.98	0.009976	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	30	5.95	0.008504	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	40	3.92	0.005602	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	50	2.23	0.003187	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-39.48	-0.055802	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-35.22	-0.049781	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	-32.39	-0.045781	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-27.98	-0.039548	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-25.49	-0.036028	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-22.59	-0.031929	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-17.50	-0.024735	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-15.74	-0.022247	±2.5	PASS





Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	-13.33	-0.018841	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-15.35	-0.021696	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-19.20	-0.027138	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-10	-20.00	-0.028269	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-22.63	-0.031986	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-23.88	-0.033753	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-25.56	-0.036127	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	30	-27.95	-0.039505	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	40	-28.78	-0.040678	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	50	-32.40	-0.045795	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-4.72	-0.006599	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-7.34	-0.010261	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-10	-7.48	-0.010457	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-9.86	-0.013784	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-10.54	-0.014735	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-10.76	-0.015043	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	30	-13.10	-0.018314	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	40	-14.78	-0.020663	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	50	-14.65	-0.020481	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-29.63	-0.041423	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-35.22	-0.049238	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-10	-39.22	-0.054830	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-44.95	-0.062841	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-49.54	-0.069258	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	-3.81	-0.005326	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	30	-7.51	-0.010499	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	40	-10.89	-0.015224	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	50	-14.58	-0.020383	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	-10.96	-0.015646	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	1.99	0.002841	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-10	8.53	0.012177	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	14.51	0.020714	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	20.00	0.028551	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	25.84	0.036888	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	30	29.74	0.042455	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	40	35.76	0.051049	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	50	39.50	0.056388	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	43.03	0.061428	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	40.78	0.058216	±2.5	PASS



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Band12	3MHz	16QAM	23025	15RB#0	NV	-10	41.06	0.058615	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	38.05	0.054318	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	37.88	0.054076	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	36.49	0.052091	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	30	36.03	0.051435	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	40	35.19	0.050236	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	50	35.41	0.050550	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	-26.09	-0.036876	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	-24.26	-0.034290	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	-17.92	-0.025329	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-13.43	-0.018982	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-9.33	-0.013187	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	-6.55	-0.009258	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	-3.78	-0.005343	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	2.07	0.002926	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	5.58	0.007887	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-30	-3.88	-0.005484	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-20	-7.45	-0.010530	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-10	-9.84	-0.013908	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	-12.79	-0.018078	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	10	-14.43	-0.020396	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	-15.21	-0.021498	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	30	-16.51	-0.023336	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	40	-18.20	-0.025724	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	50	-20.24	-0.028608	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	-41.11	-0.057537	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	-43.09	-0.060308	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-10	-44.80	-0.062701	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	-44.06	-0.061666	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	-44.10	-0.061721	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	-43.64	-0.061078	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	30	-45.88	-0.064213	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	40	-44.45	-0.062211	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	50	-46.85	-0.065570	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-30	-7.93	-0.011099	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-20	-14.31	-0.020028	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-10	-17.45	-0.024423	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	-21.50	-0.030091	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	-23.45	-0.032820	±2.5	PASS



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Band12	3MHz	16QAM	23165	15RB#0	NV	20	-26.56	-0.037173	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	30	-28.68	-0.040140	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	40	-31.34	-0.043863	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	50	-32.79	-0.045892	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	5.85	0.008339	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	8.15	0.011618	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-10	10.37	0.014783	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	12.60	0.017962	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	14.61	0.020827	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	14.49	0.020656	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	30	16.75	0.023877	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	40	19.03	0.027128	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	50	18.61	0.026529	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-30	6.39	0.009109	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	-2.33	-0.003321	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-10	-6.07	-0.008653	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	-11.10	-0.015823	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	-14.55	-0.020741	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	-19.40	-0.027655	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	30	-23.45	-0.033428	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	40	-24.56	-0.035011	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	50	-29.74	-0.042395	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-30	-28.31	-0.040014	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	-22.77	-0.032184	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-10	-18.90	-0.026714	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-13.07	-0.018473	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-10.17	-0.014375	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-3.71	-0.005244	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	2.36	0.003336	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	6.11	0.008636	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	7.41	0.010473	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	-4.75	-0.006714	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	-9.67	-0.013668	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-10	-13.46	-0.019025	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	-18.97	-0.026813	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	-21.93	-0.030996	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	-25.08	-0.035449	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	30	-28.17	-0.039816	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	40	-31.37	-0.044339	±2.5	PASS



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Band12	5MHz	16QAM	23095	25RB#0	NV	50	-33.87	-0.047873	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	-46.73	-0.065494	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-20	-47.59	-0.066699	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-10	-47.58	-0.066685	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-48.55	-0.068045	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	8.24	0.011549	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	8.38	0.011745	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	30	7.85	0.011002	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	40	6.90	0.009671	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	50	5.76	0.008073	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	-15.15	-0.021233	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	-21.82	-0.030582	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-10	-28.02	-0.039271	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	-33.56	-0.047036	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	-37.12	-0.052025	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	-42.82	-0.060014	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	30	-47.88	-0.067106	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	40	-6.27	-0.008788	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	50	-10.50	-0.014716	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-33.67	-0.047827	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-30.08	-0.042727	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	-24.89	-0.035355	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-22.29	-0.031662	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-19.76	-0.028068	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-17.21	-0.024446	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-15.02	-0.021335	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	-13.29	-0.018878	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	-11.32	-0.016080	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	-19.07	-0.027088	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	-23.63	-0.033565	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-10	-28.05	-0.039844	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	-32.11	-0.045611	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	-35.62	-0.050597	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	-37.34	-0.053040	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	-39.42	-0.055994	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	-41.71	-0.059247	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	-45.49	-0.064616	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-28.38	-0.040113	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-24.38	-0.034459	±2.5	PASS



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Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-19.87	-0.028085	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-14.45	-0.020424	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-10.84	-0.015322	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-7.47	-0.010558	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-4.79	-0.006770	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	2.16	0.003053	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	5.81	0.008212	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	-4.68	-0.006615	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-10.71	-0.015138	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-10	-13.53	-0.019124	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	-17.05	-0.024099	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	-21.67	-0.030629	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	-23.26	-0.032876	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	-24.32	-0.034375	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	-27.95	-0.039505	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	-30.00	-0.042403	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-33.65	-0.047328	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-29.70	-0.041772	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	-23.29	-0.032757	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-19.98	-0.028101	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-16.74	-0.023544	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-13.06	-0.018368	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-10.59	-0.014895	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-8.01	-0.011266	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-6.05	-0.008509	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	-15.89	-0.022349	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	-19.77	-0.027806	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-10	-23.82	-0.033502	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	-27.58	-0.038790	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	-30.81	-0.043333	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	-33.46	-0.047060	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	-36.56	-0.051421	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	-40.74	-0.057300	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	-42.56	-0.059859	±2.5	PASS

