



Appendix J: Test Data for E-UTRA Band 5

Product Name: Handheld Data Terminal

Test Model: HT330

Environmental Conditions

Temperature:	23.6° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan





J.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.95	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.95	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.82	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.99	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.96	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.95	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.90	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.85	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.00	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.77	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.79	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.83	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.88	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.79	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.70	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.88	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.73	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.82	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.83	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.77	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.78	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.75	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.97	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.72	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.77	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.77	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.71	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.95	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.56	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.78	PASS





Band5	1.4MHz	16QAM	20525	1RB#5	21.62	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.69	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.65	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.67	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.68	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.69	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.76	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.59	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.58	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.60	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.54	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.84	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.99	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.97	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.90	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.90	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.89	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.95	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.90	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.90	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.80	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.84	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.81	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.84	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.82	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.82	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.90	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.90	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.77	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.79	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.85	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.80	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.76	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.96	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.91	PASS



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Band5	3MHz	16QAM	20415	1RB#14	21.96	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.04	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.00	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.98	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.97	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.82	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.68	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.71	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.91	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.89	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.85	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.82	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.77	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.76	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.63	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.93	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.87	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.88	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.79	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.93	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.95	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.95	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.87	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.84	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.91	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.88	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.75	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.82	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.77	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.83	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.84	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.79	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.81	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.82	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.90	PASS



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Band5	5MHz	QPSK	20625	1RB#24	22.76	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.79	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.74	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.72	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.82	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.86	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.90	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.83	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.93	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.92	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.95	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.91	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.83	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.92	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.84	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.90	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.93	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.88	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.81	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.69	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.81	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.66	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.83	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.79	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.79	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.88	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.98	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.06	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.83	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.94	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.94	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.90	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.88	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.87	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.06	PASS



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Band5	10MHz	QPSK	20525	1RB#49	22.86	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.90	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.92	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.85	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.84	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.85	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.90	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.78	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.86	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.80	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.82	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.83	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.94	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.08	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.86	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.98	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.99	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.93	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.95	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.72	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.84	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.72	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.97	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.94	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.94	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.87	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.60	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.67	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.52	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.97	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.95	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.91	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.92	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.40	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.41	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.38	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.22	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.27	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.23	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.54	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.54	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.45	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.33	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.32	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.27	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.58	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.55	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.56	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.26	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.28	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.28	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.43	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.55	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.70	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.20	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.27	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.94	13	PASS



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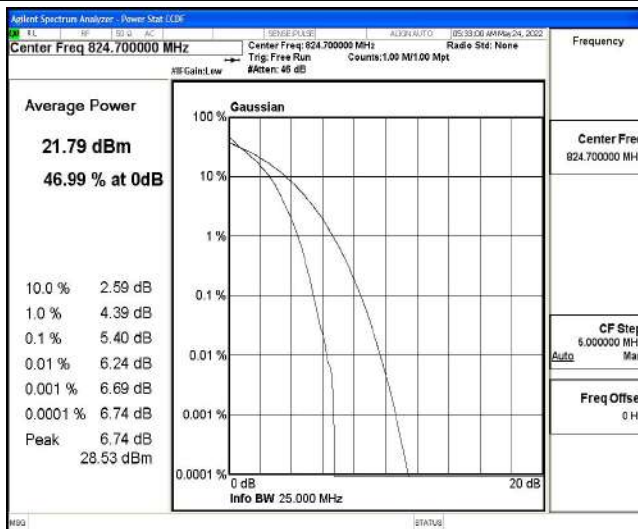
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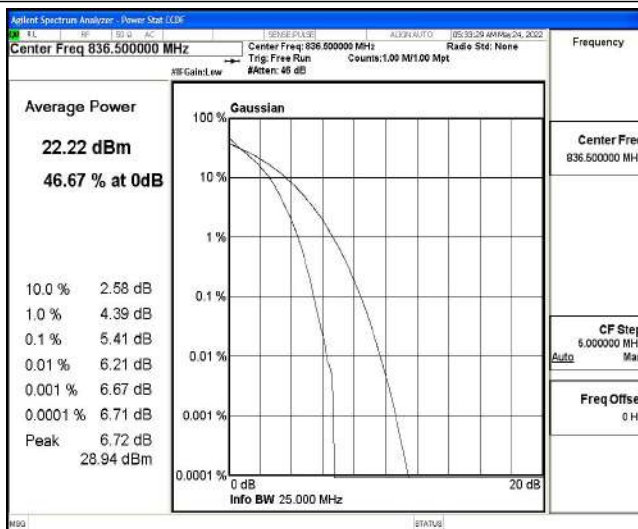


Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0

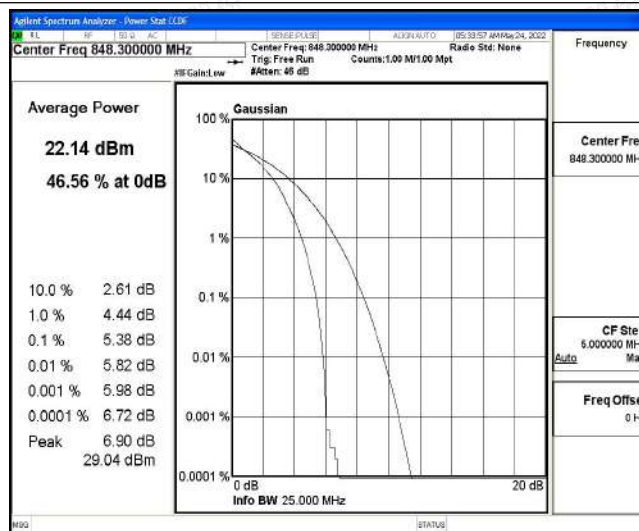


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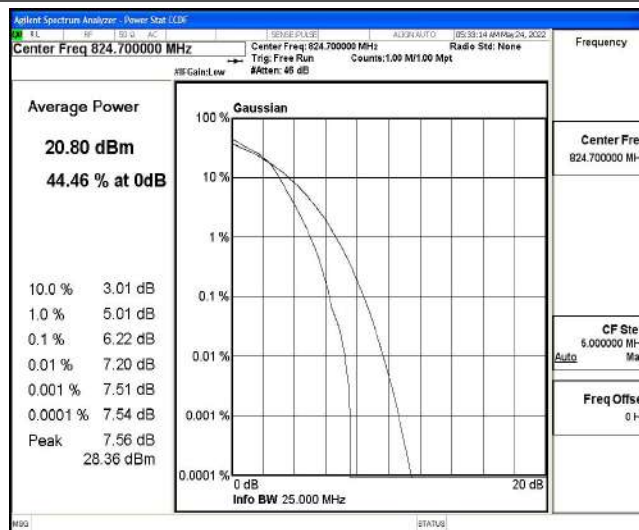


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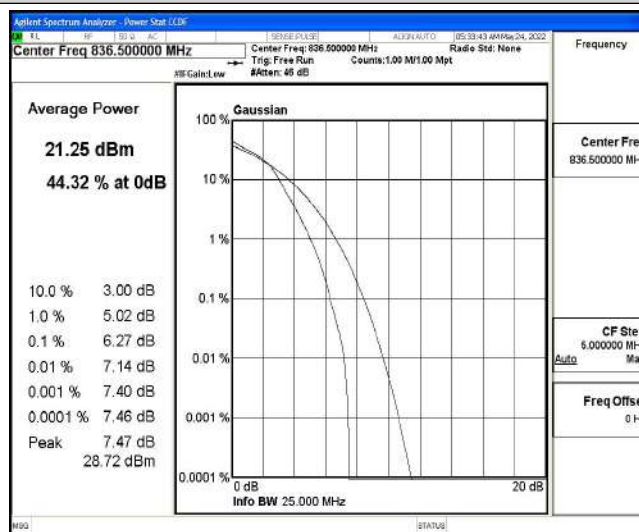




Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20525-6RB#0



Band5-1.4MHz-16QAM-20643-6RB#0

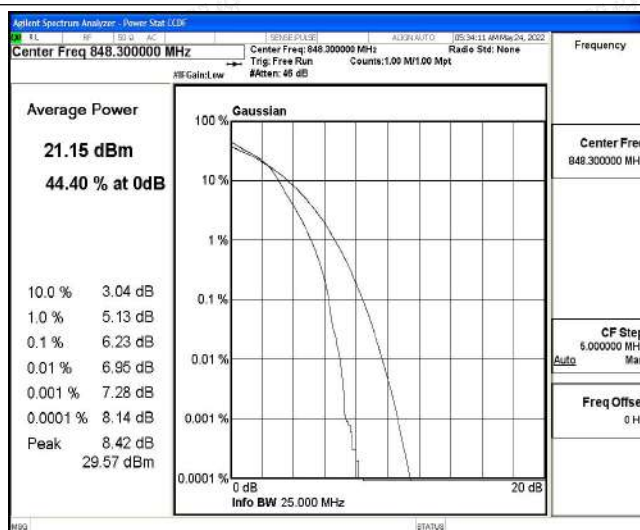


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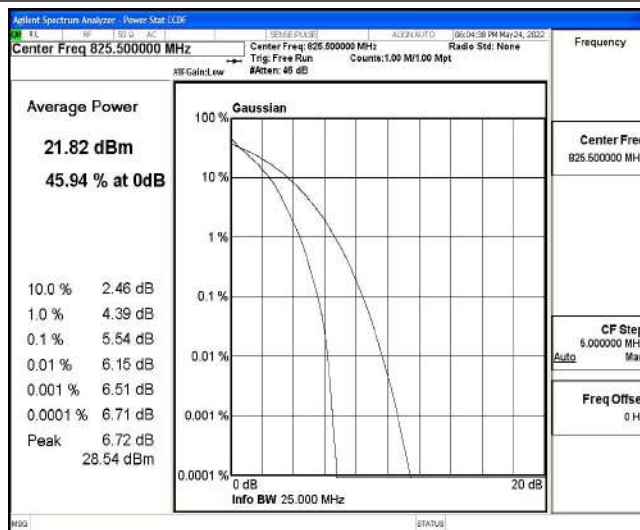
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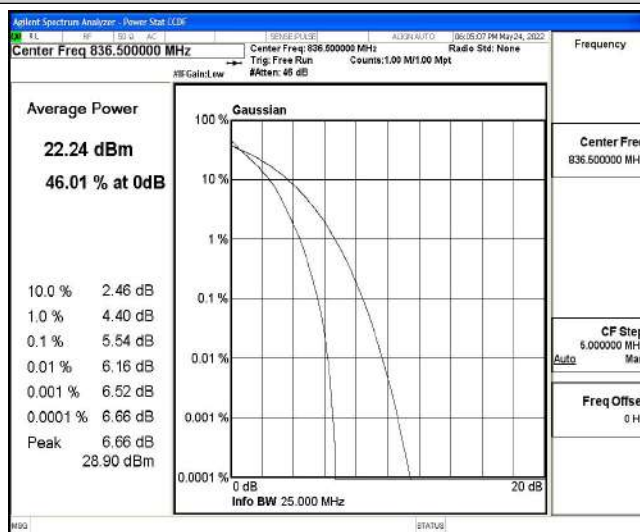
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Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0



Band5-3MHz-QPSK-20635-15RB#0

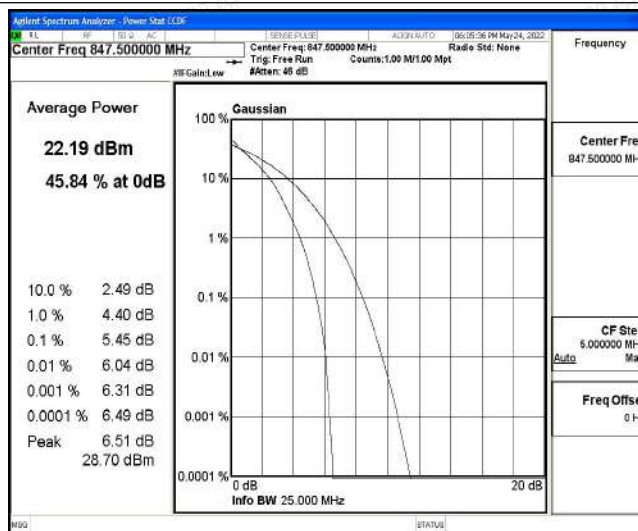


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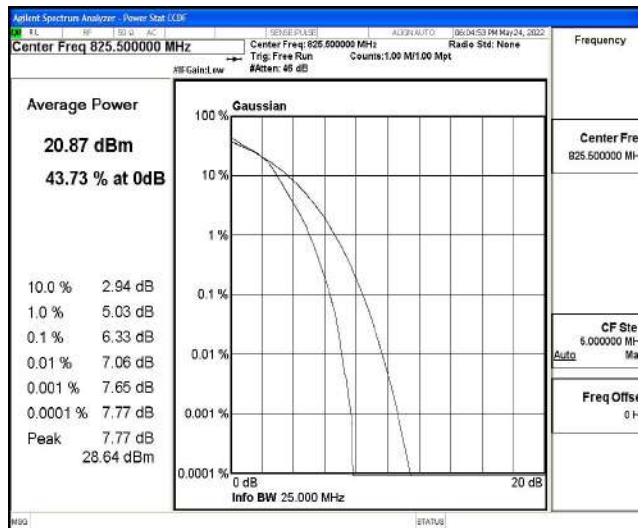
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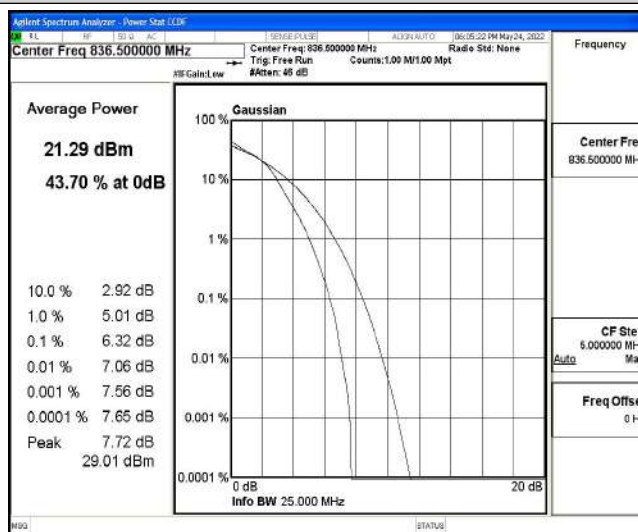
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Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20525-15RB#0



Band5-3MHz-16QAM-20635-15RB#0

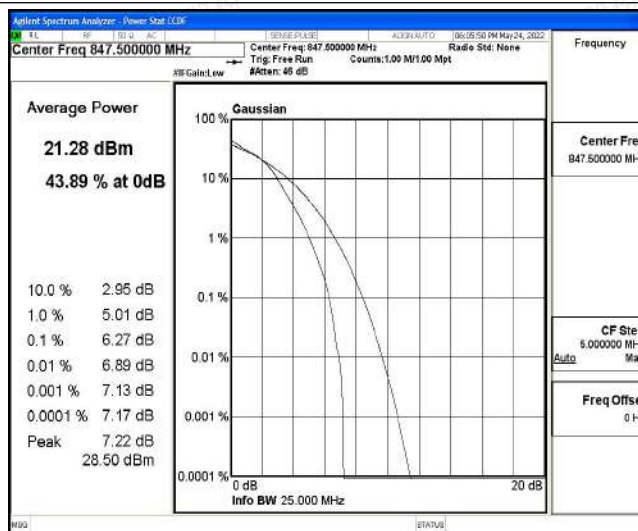


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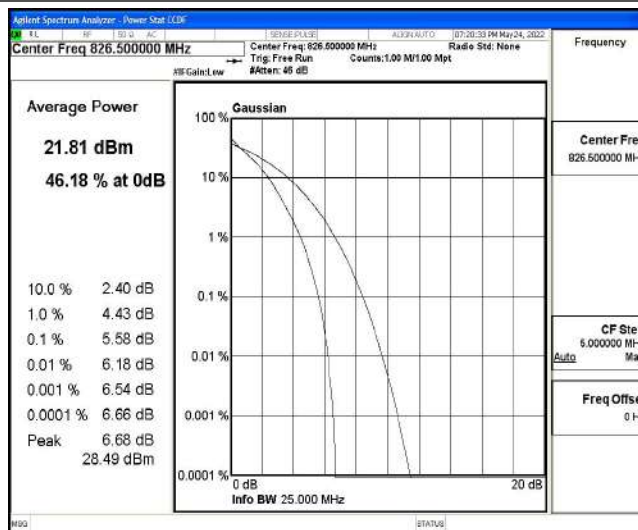
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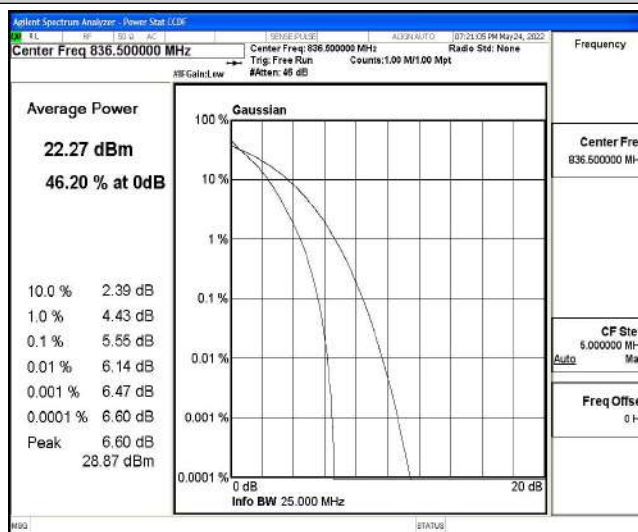
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Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-25RB#0

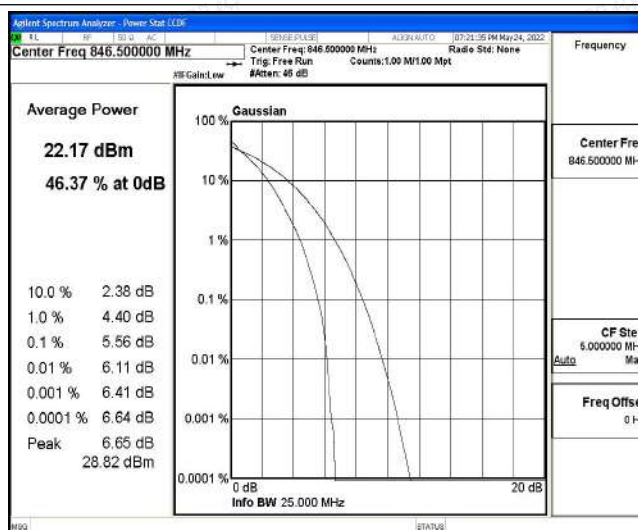


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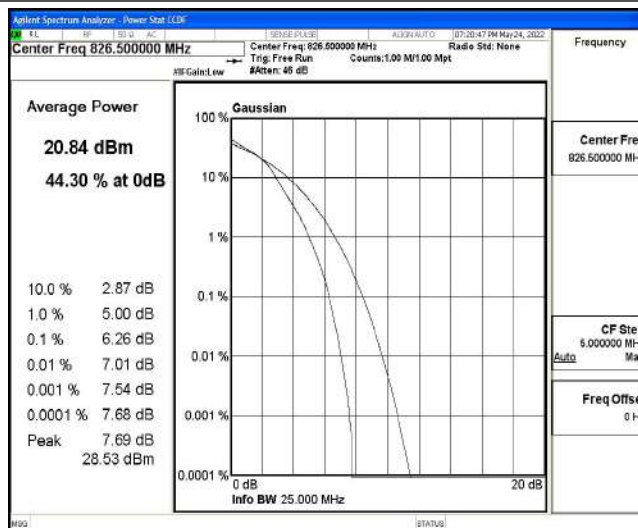
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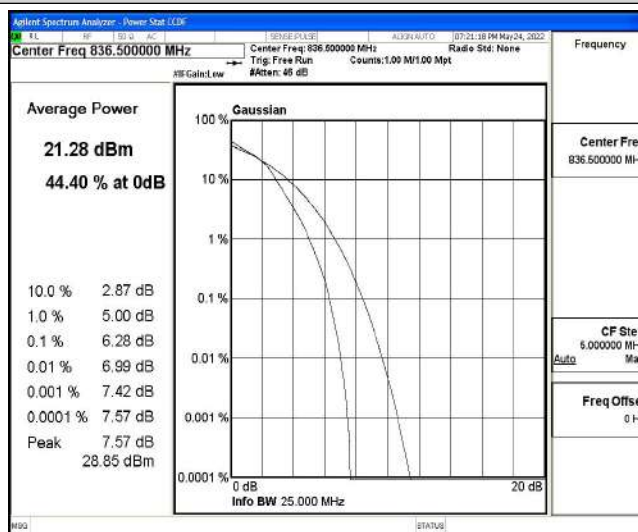
Scan code to check authenticity



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-25RB#0

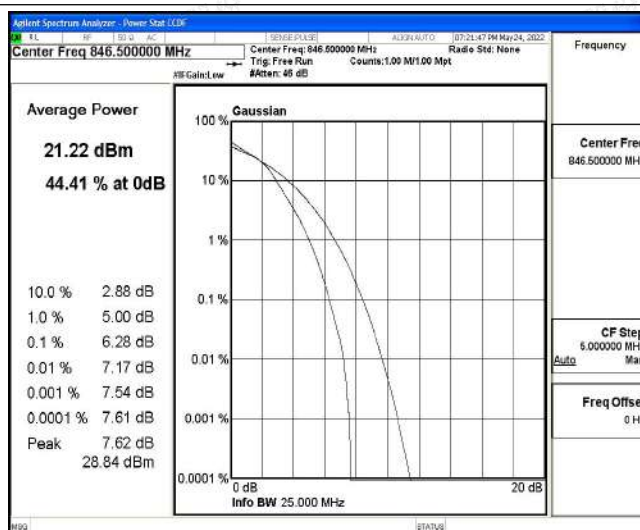


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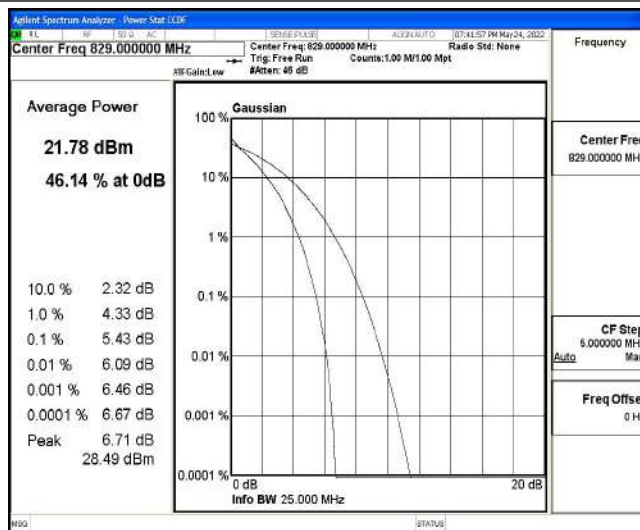
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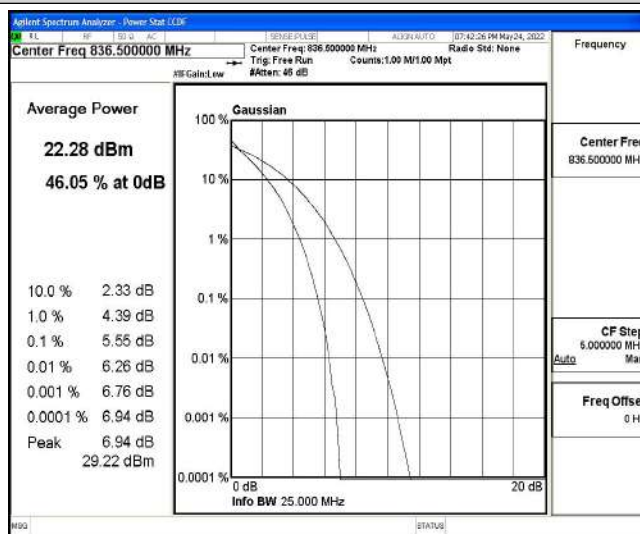
Scan code to check authenticity



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-50RB#0

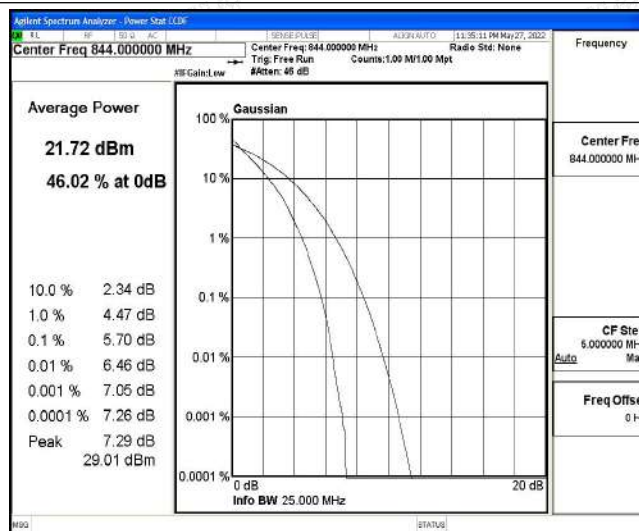


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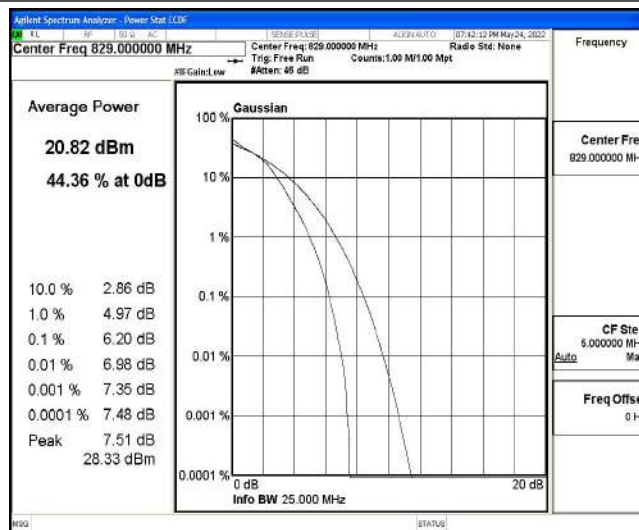
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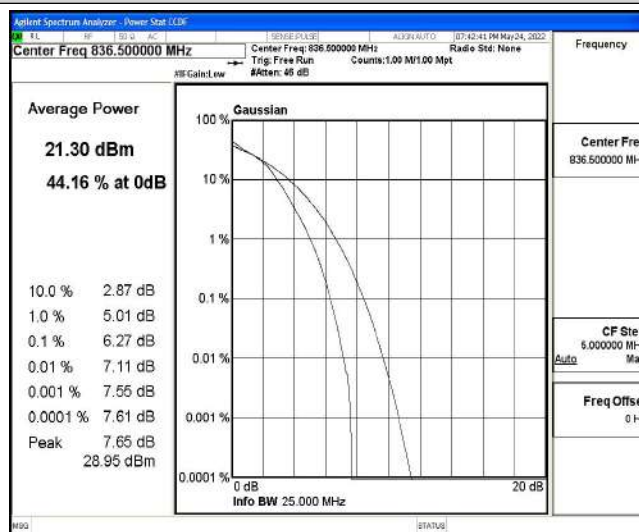
Scan code to check authenticity



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0

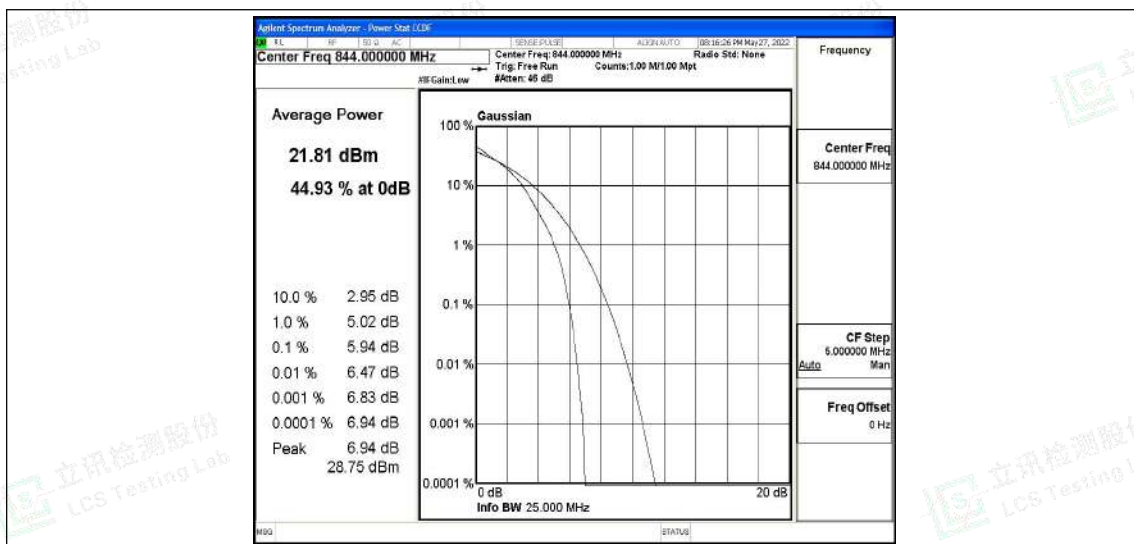


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J.3 26dB Bandwidth and Occupied Bandwidth

Test Result

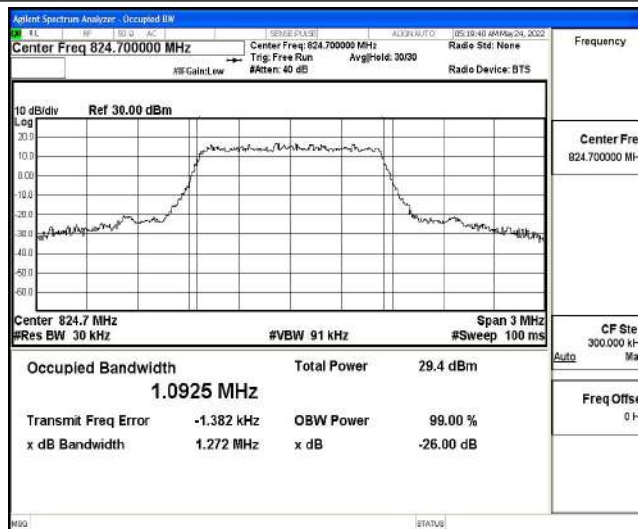
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0925	1.272	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0883	1.273	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0946	1.382	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0943	1.298	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0997	1.296	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0931	1.320	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6828	2.904	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6846	2.891	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6892	2.902	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6794	2.887	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6845	2.890	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6827	2.896	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4993	4.929	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4984	4.920	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4907	4.911	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4889	4.915	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4919	4.932	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4891	4.922	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9773	9.806	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9878	9.799	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9831	9.761	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9835	9.764	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9872	9.822	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9858	9.747	PASS



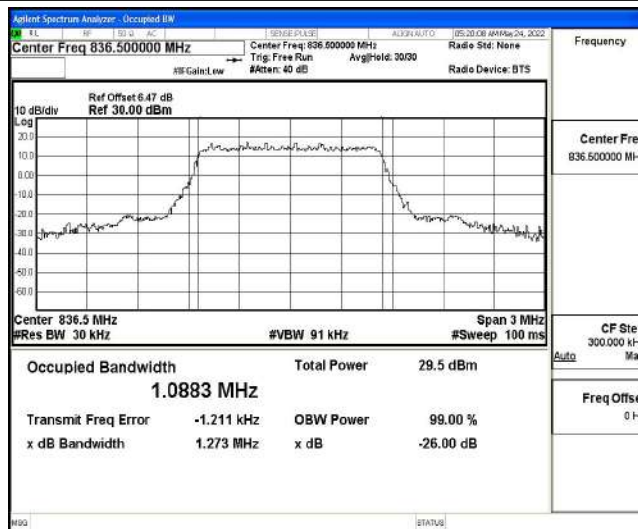


Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0



Band5-1.4MHz-QPSK-20643-6RB#0

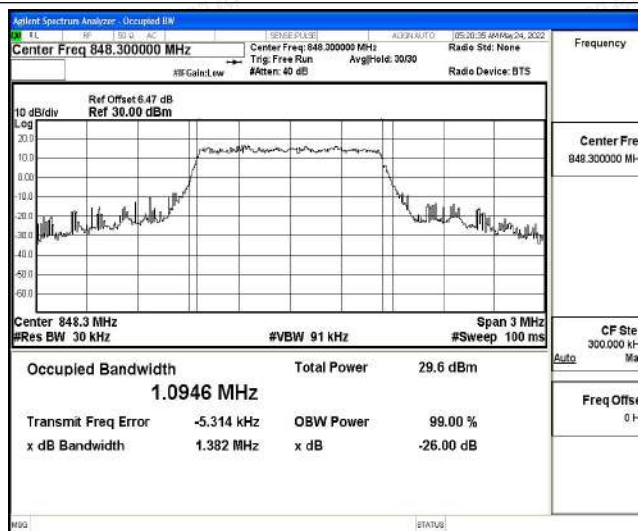


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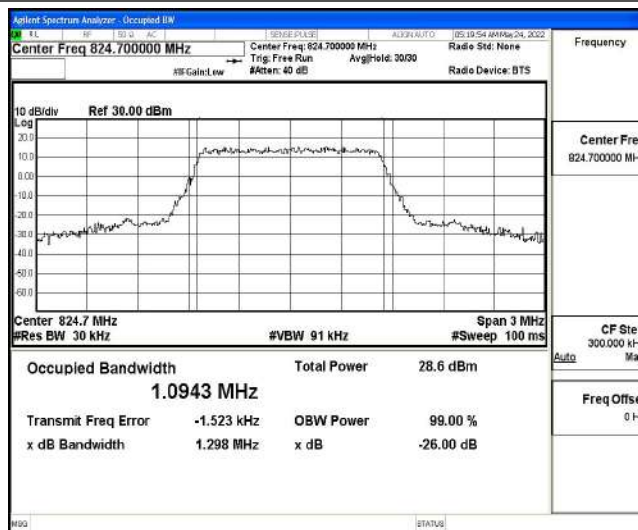
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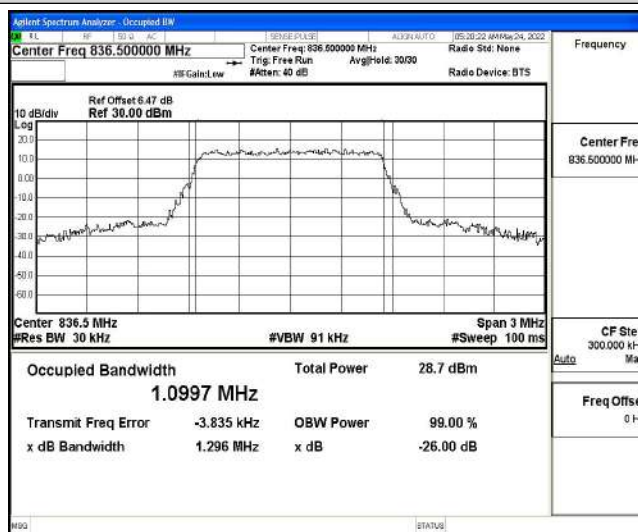
Scan code to check authenticity



Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20525-6RB#0



Band5-1.4MHz-16QAM-20643-6RB#0

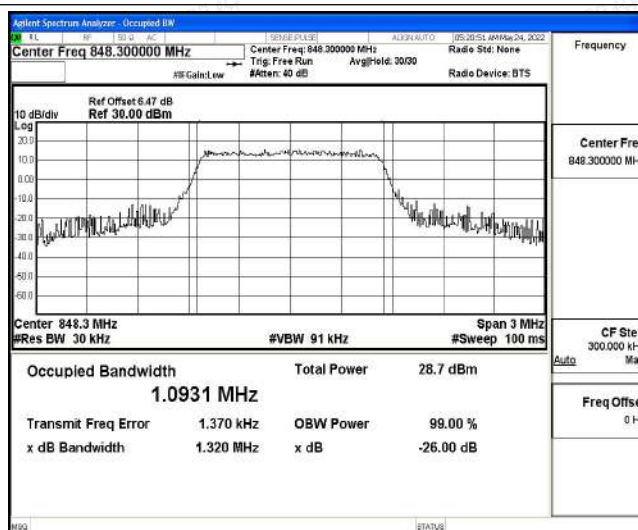


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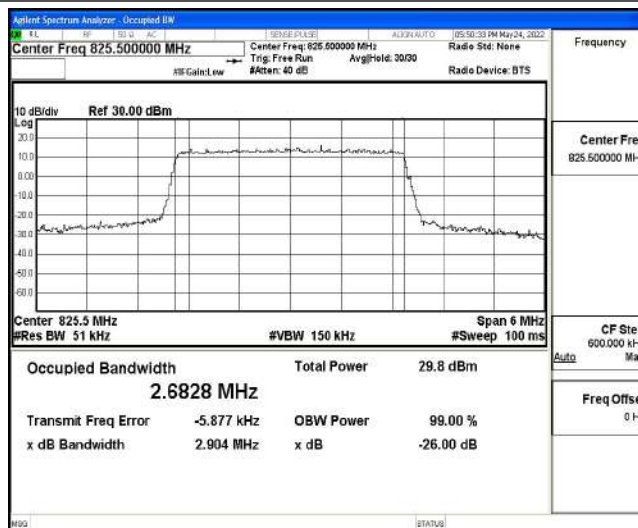
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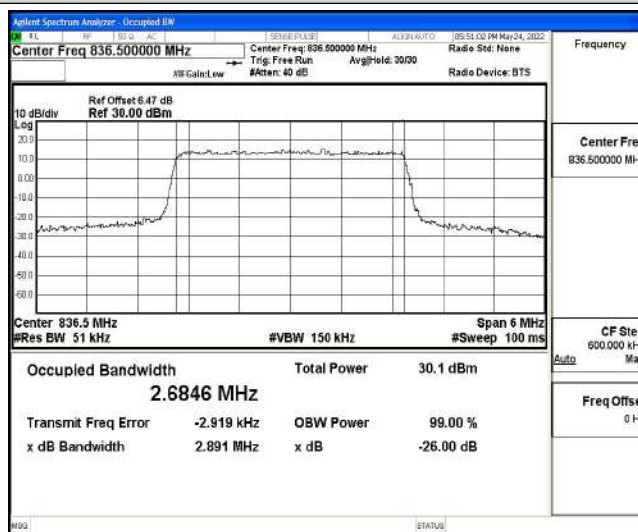
Scan code to check authenticity



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0



Band5-3MHz-QPSK-20635-15RB#0

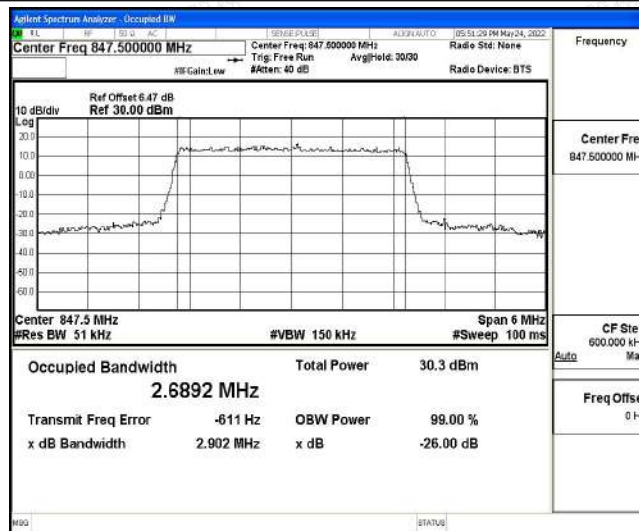


Shenzhen LCS Compliance Testing Laboratory Ltd.

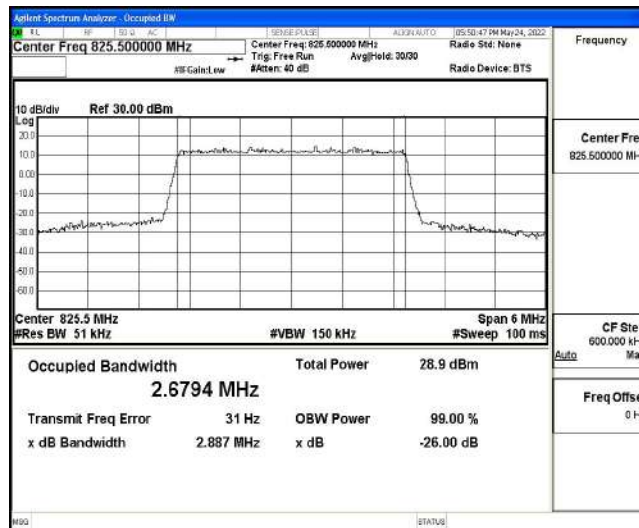
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

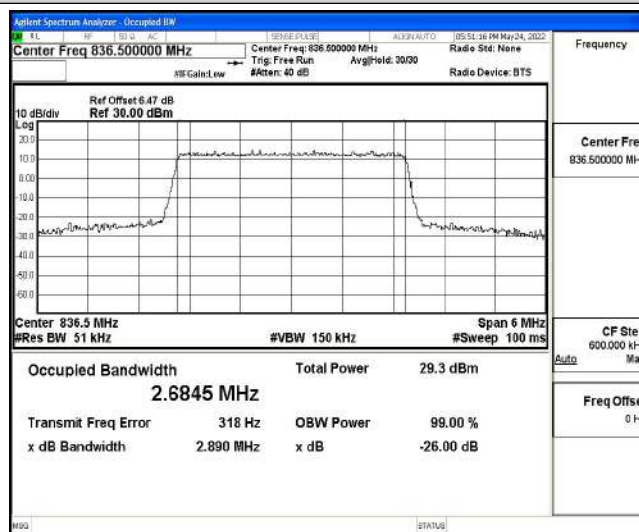
Scan code to check authenticity



Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20525-15RB#0



Band5-3MHz-16QAM-20635-15RB#0

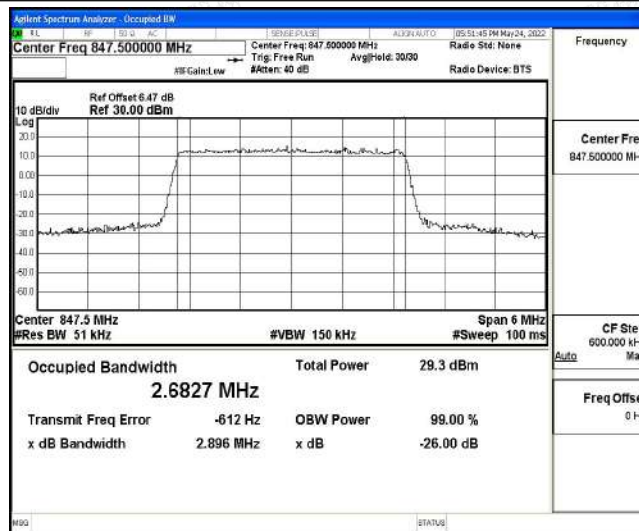


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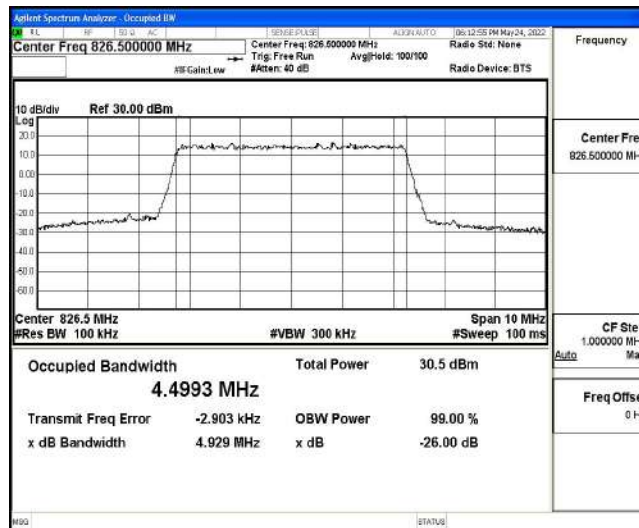
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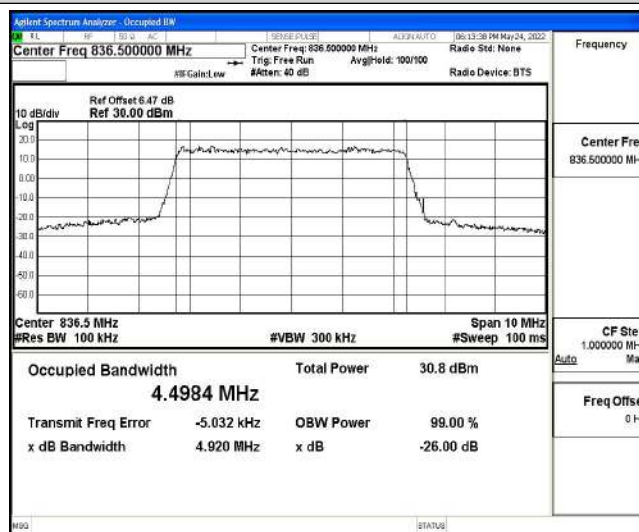
Scan code to check authenticity



Band5-5MHz-QPSK-20425-25RB#0

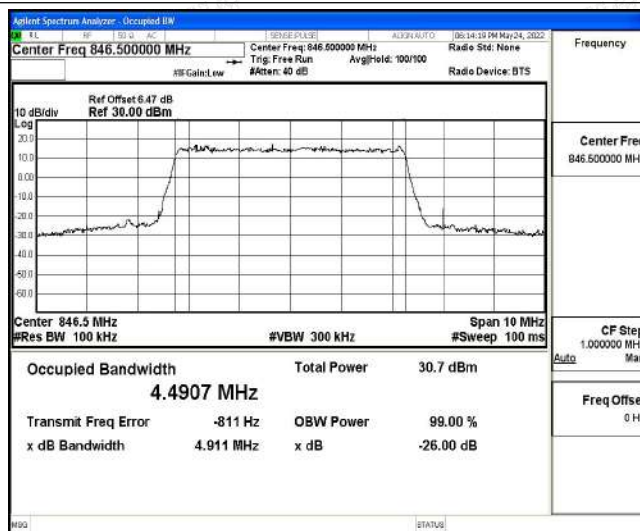


Band5-5MHz-QPSK-20525-25RB#0

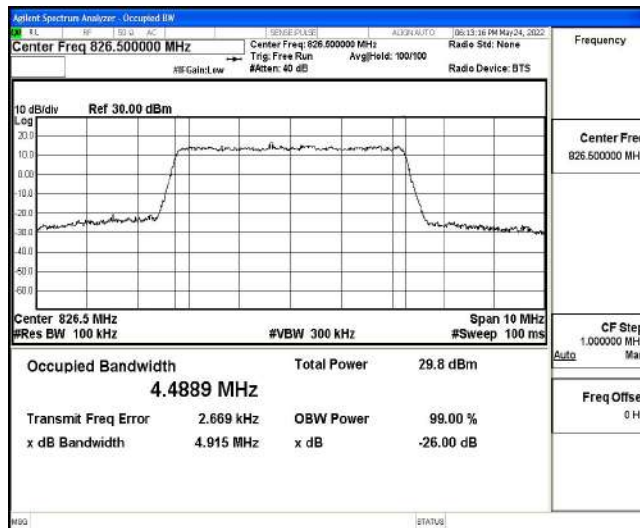


Band5-5MHz-QPSK-20625-25RB#0





Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-25RB#0

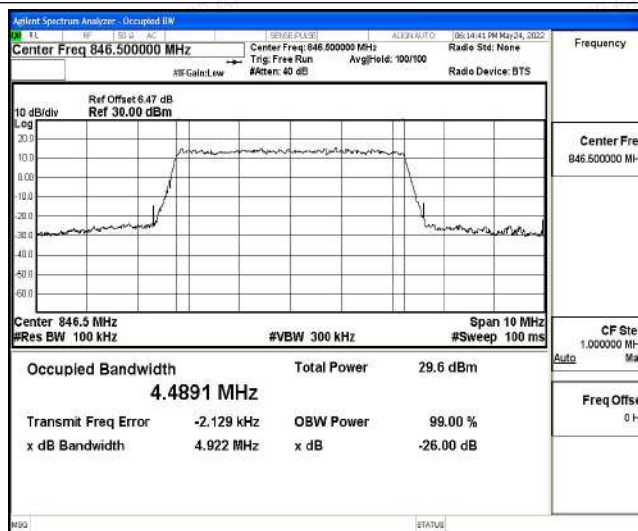


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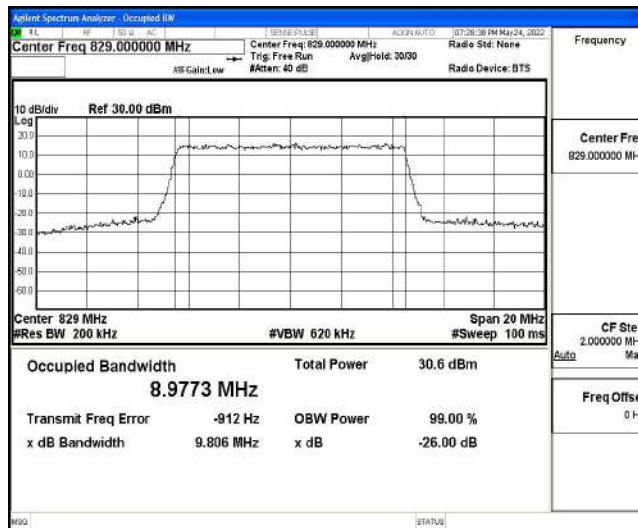
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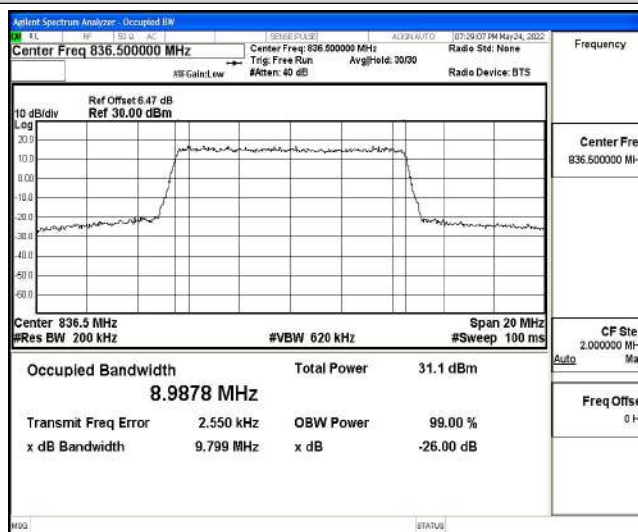
Scan code to check authenticity



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-50RB#0

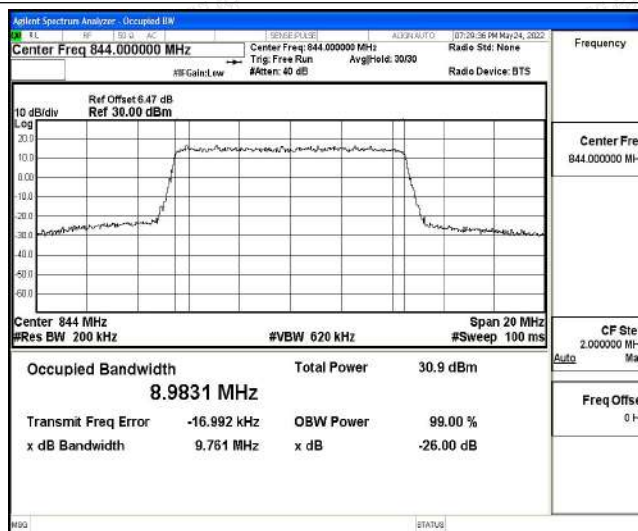


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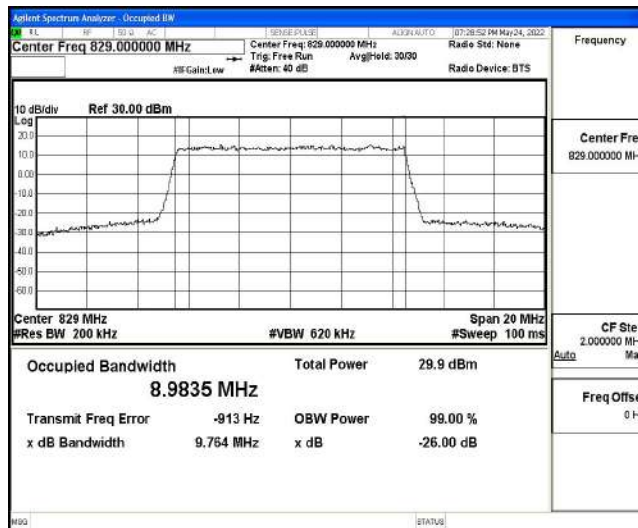
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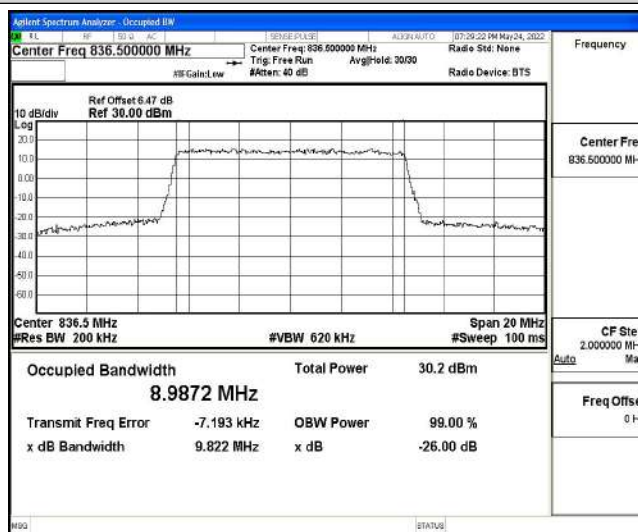
Scan code to check authenticity



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0

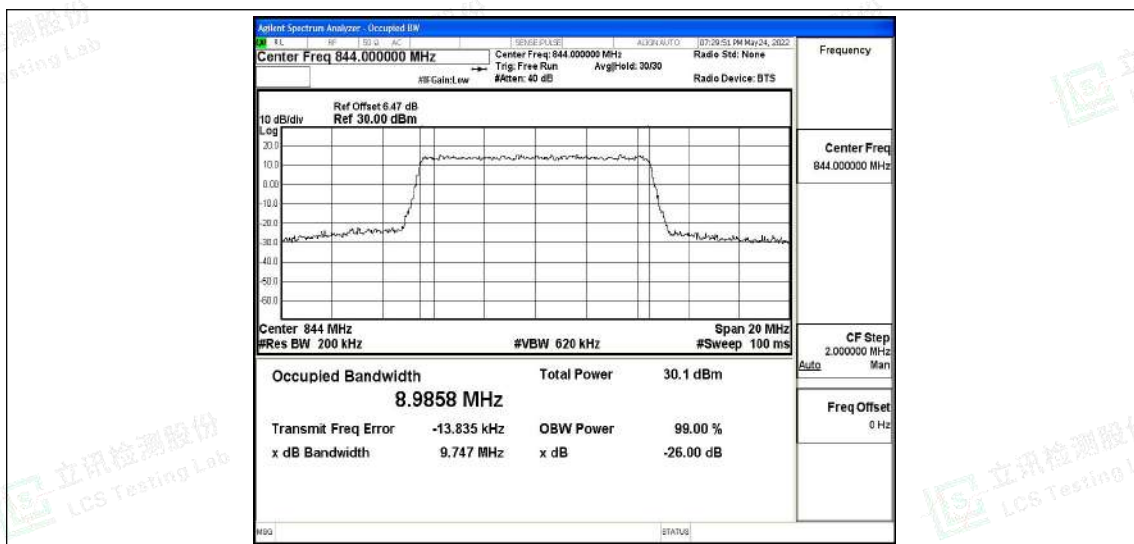


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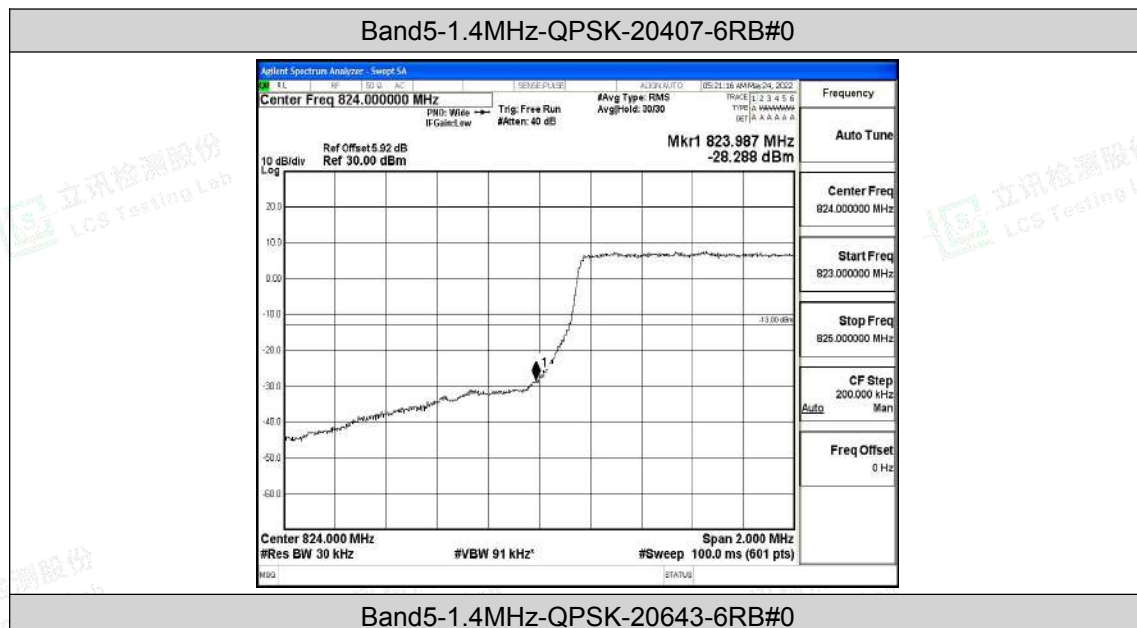


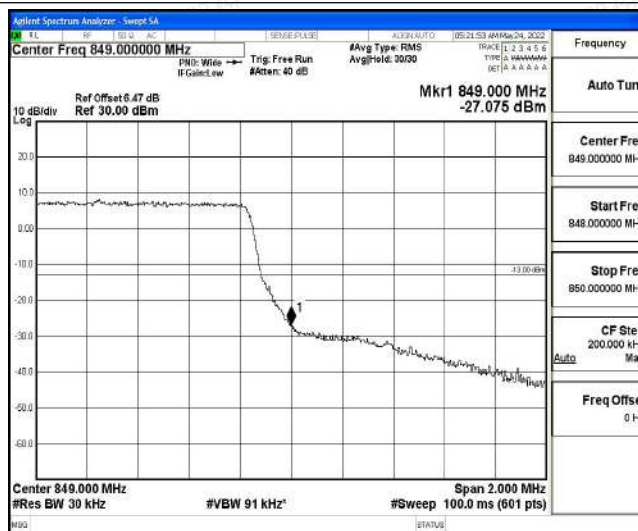
J.4 Band Edge

Test Result

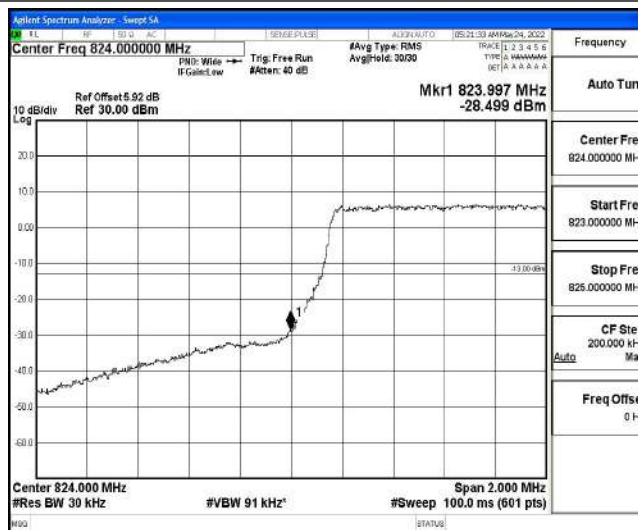
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-28.29	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-27.07	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-28.50	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.08	PASS
Band5	3MHz	QPSK	20415	15RB#0	-28.68	PASS
Band5	3MHz	QPSK	20635	15RB#0	-29.93	PASS
Band5	3MHz	16QAM	20415	15RB#0	-30.65	PASS
Band5	3MHz	16QAM	20635	15RB#0	-31.84	PASS
Band5	5MHz	QPSK	20425	25RB#0	-27.58	PASS
Band5	5MHz	QPSK	20625	25RB#0	-28.69	PASS
Band5	5MHz	16QAM	20425	25RB#0	-28.81	PASS
Band5	5MHz	16QAM	20625	25RB#0	-29.95	PASS
Band5	10MHz	QPSK	20450	50RB#0	-29.76	PASS
Band5	10MHz	QPSK	20600	50RB#0	-31.31	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.22	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.18	PASS

Test Graphs

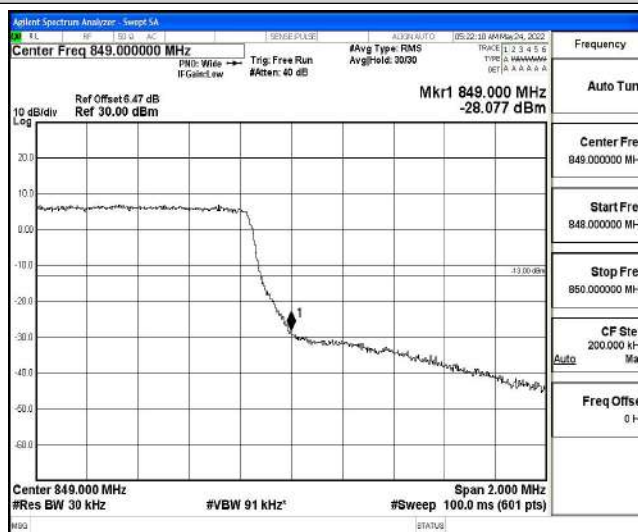




Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20643-6RB#0



Band5-3MHz-QPSK-20415-15RB#0

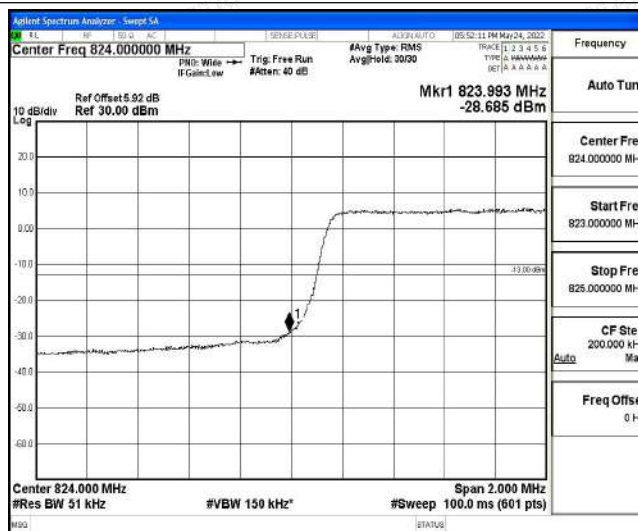


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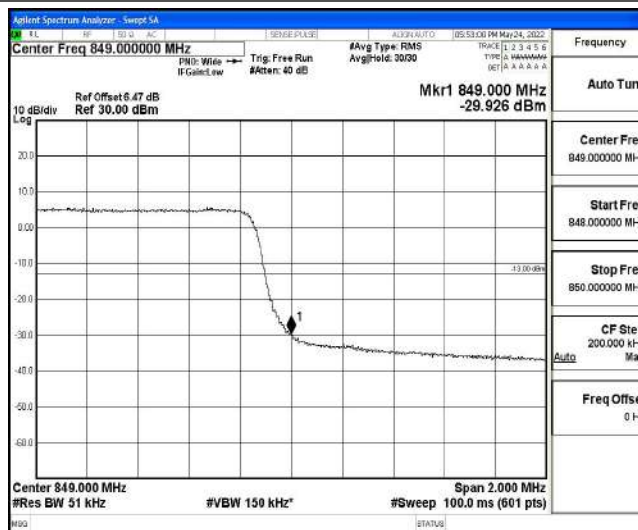
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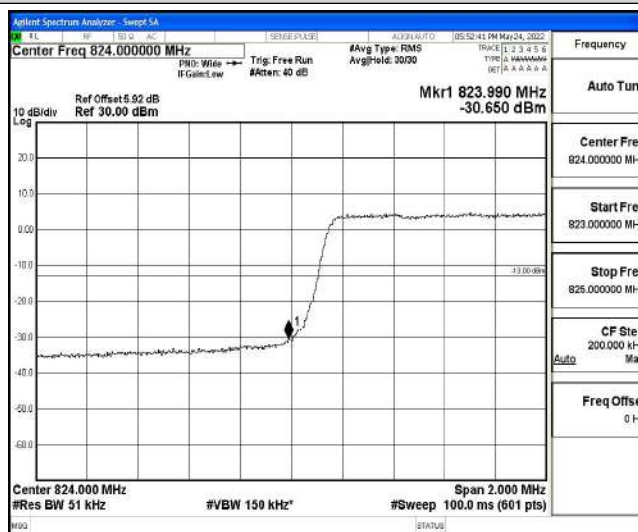
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Band5-3MHz-QPSK-20635-15RB#0



Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20635-15RB#0

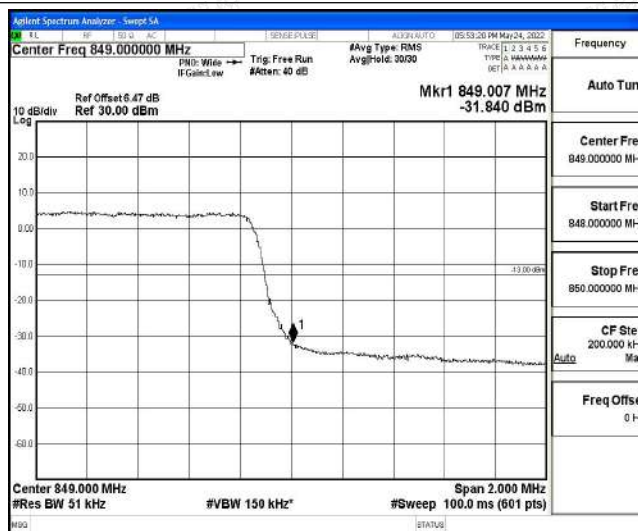


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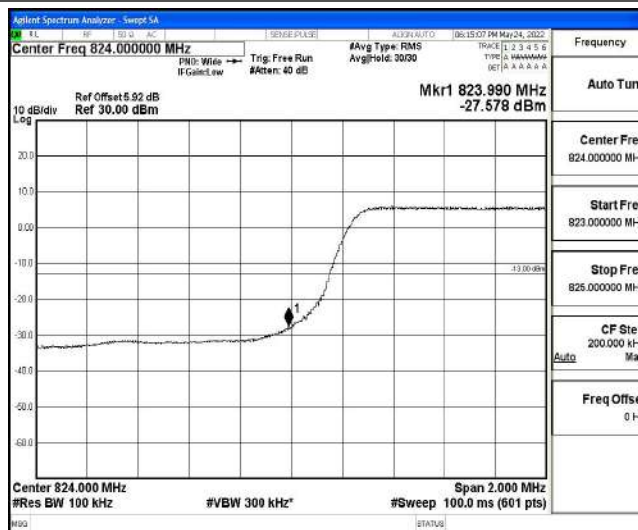
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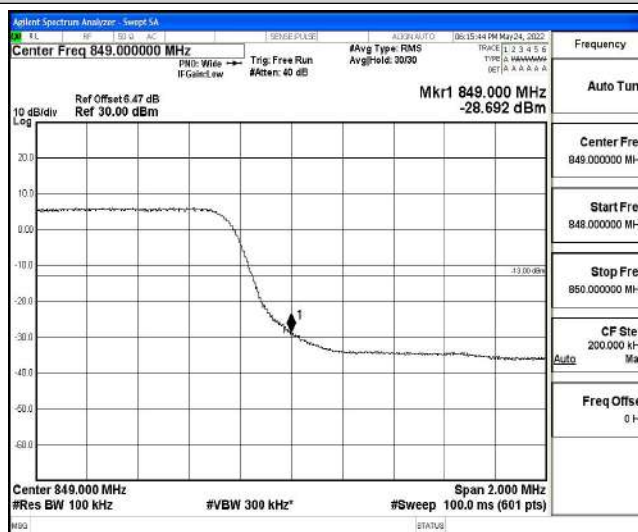
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Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0

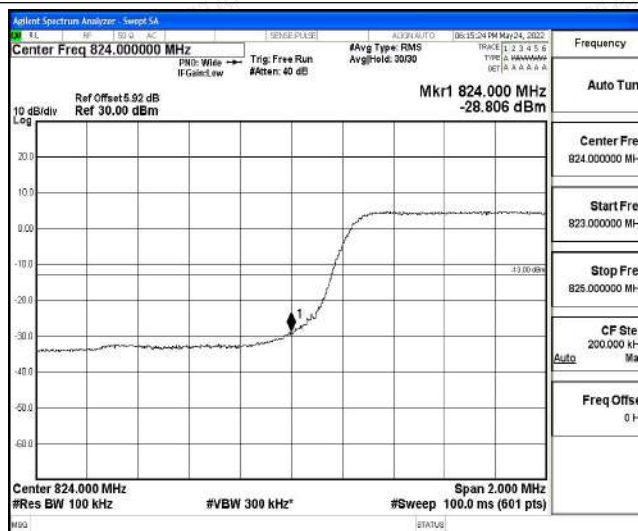


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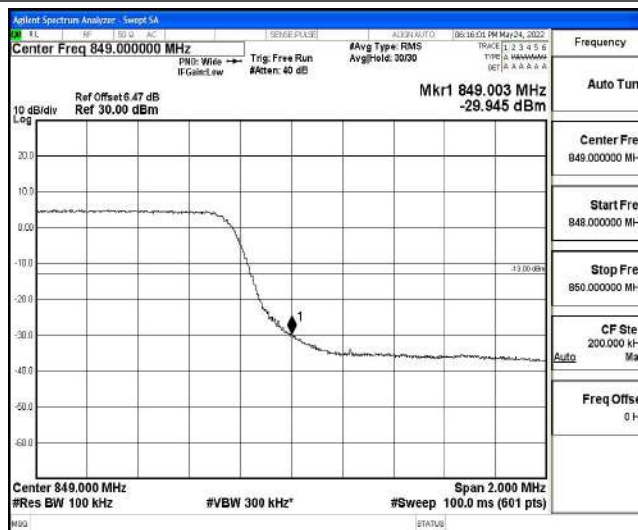
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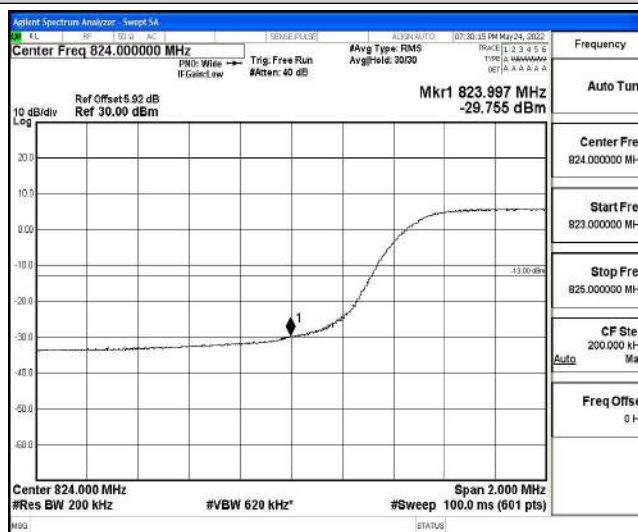
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Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-50RB#0

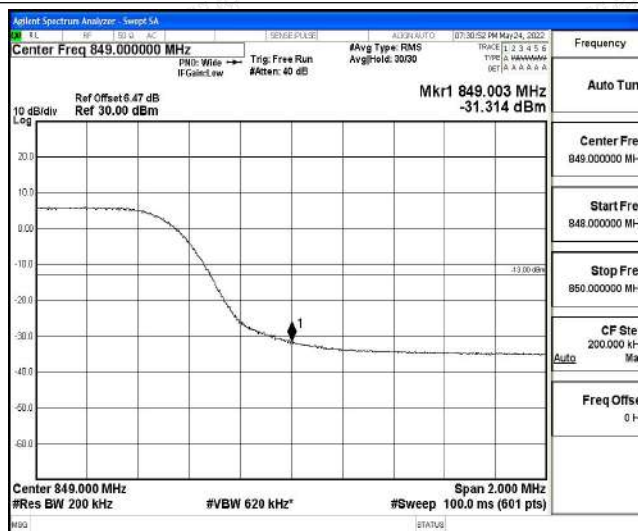


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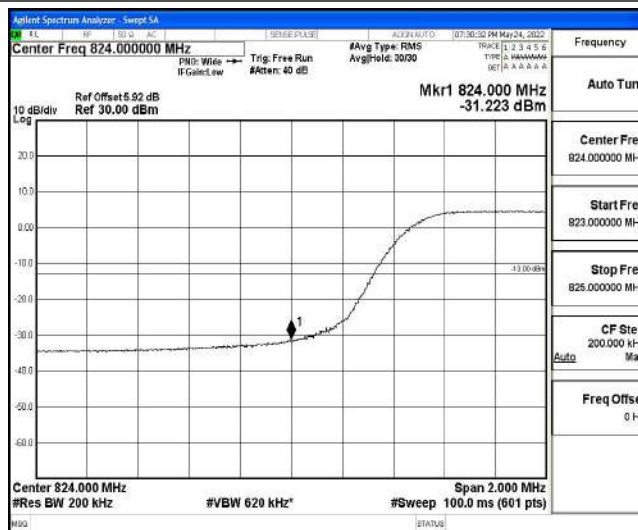
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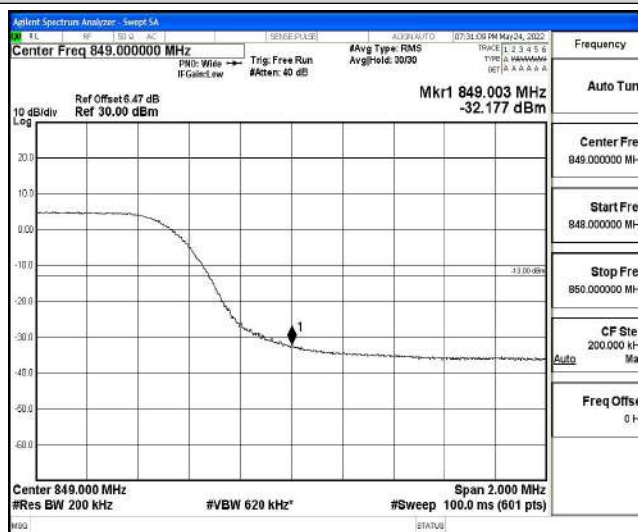
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Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



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J.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:0.009~0.15MHz	-55.37	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-50.74	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-40.84	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.35	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-56.71	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-51.54	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-40.03	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-56.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-49.64	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-40.85	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.41	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.2	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.5	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.1	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-55.81	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-53.21	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-41.38	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-45.1	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-54.56	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-51.65	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-41.73	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.89	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.76	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.06	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-56.34	PASS



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Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-51.81	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-41.31	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-55.06	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-51.73	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-40.88	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.26	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.23	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.73	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-56.12	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-51.33	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-40.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-45.03	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-55.87	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-50.35	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-41.58	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-45.11	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.51	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-50.08	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.01	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-55.14	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-50.69	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-40.68	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-56.47	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-40.67	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.56	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.17	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.68	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-55.69	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-40.5	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-45.03	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-55.45	PASS



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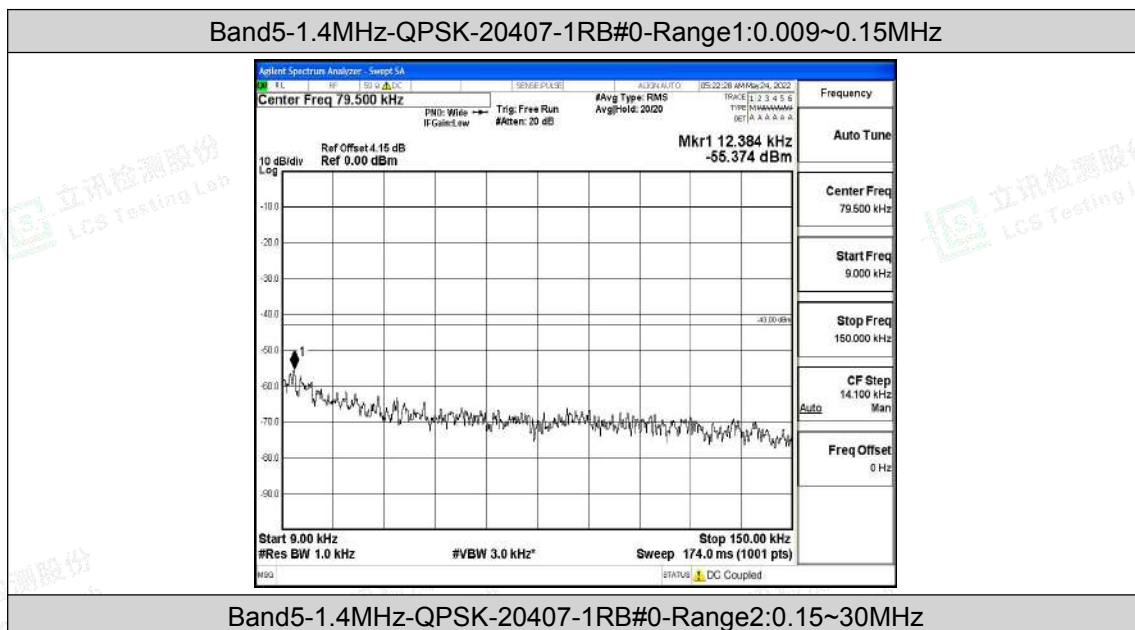
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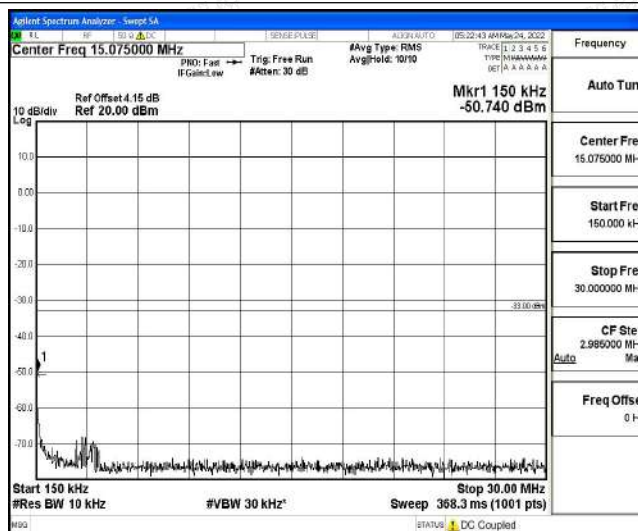
Scan code to check authenticity



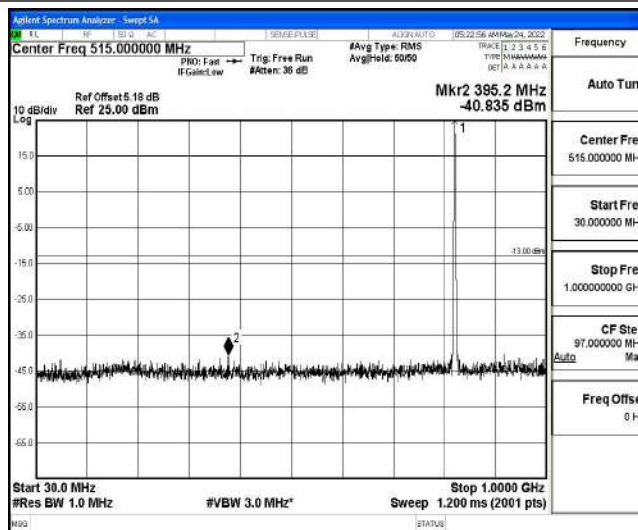
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-49.69	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-40.63	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-45.03	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.75	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-50.69	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.07	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-54.89	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-51.78	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-40.72	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-56.8	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-50.25	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-41.21	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.62	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.25	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.13	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-55.18	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-51.09	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-41.3	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-45.09	PASS

Test Graphs

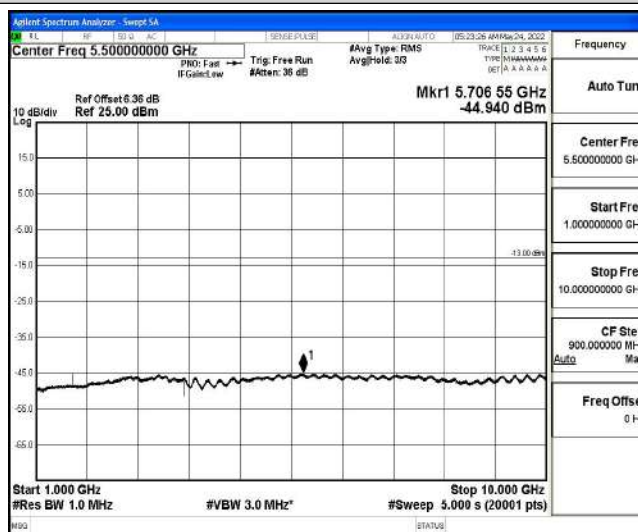




Band5-1.4MHz-QPSK-20407-1RB#0-Range3:30~1000MHz



Band5-1.4MHz-QPSK-20407-1RB#0-Range4:1000~10000MHz



Band5-1.4MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

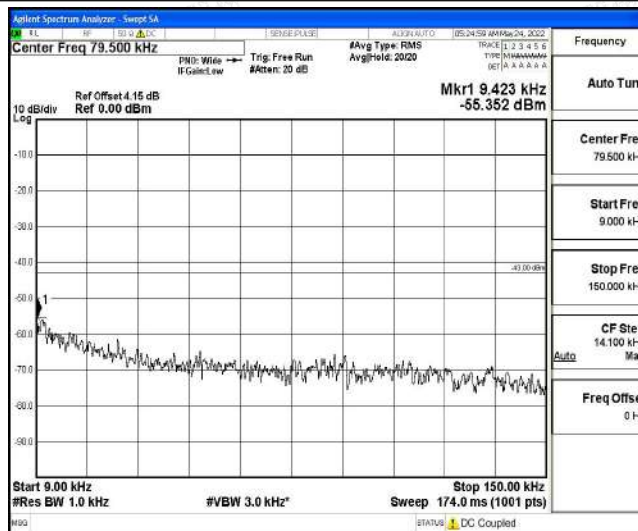


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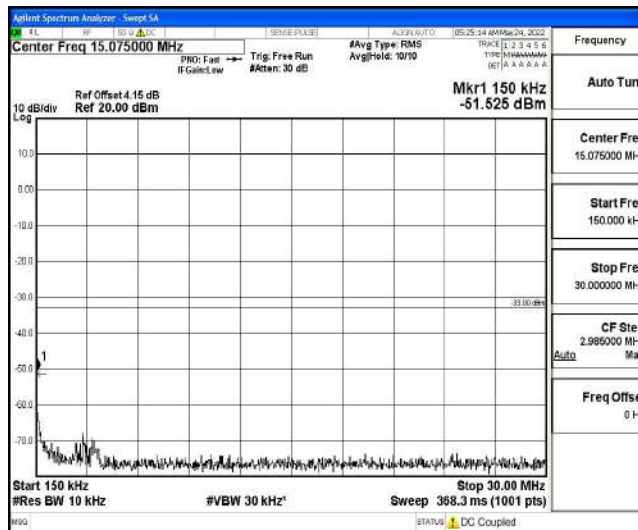
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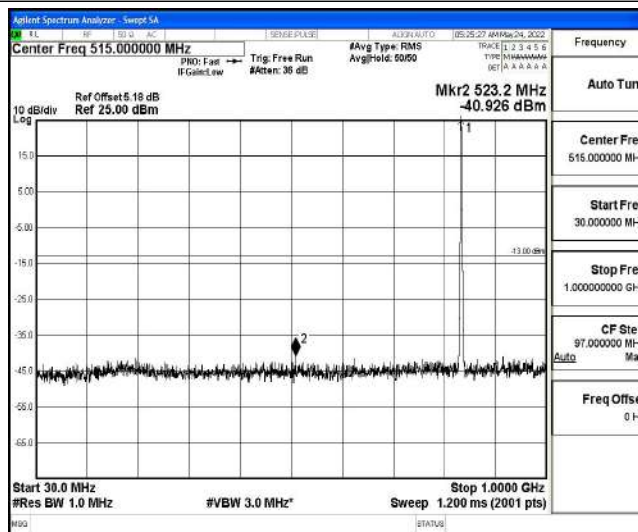
Scan code to check authenticity



Band5-1.4MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



Band5-1.4MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



Band5-1.4MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

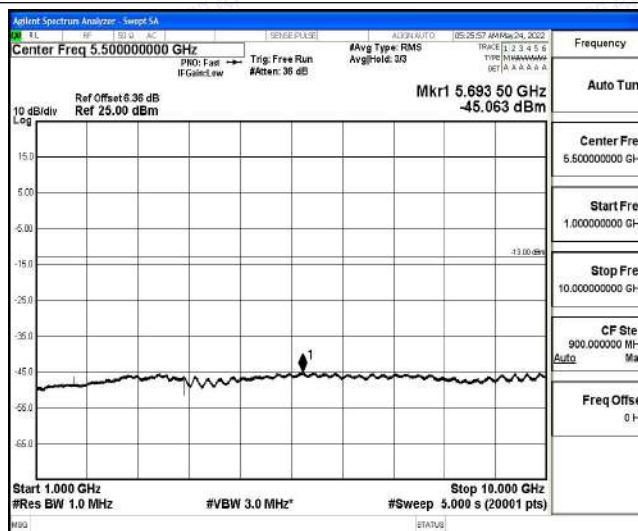


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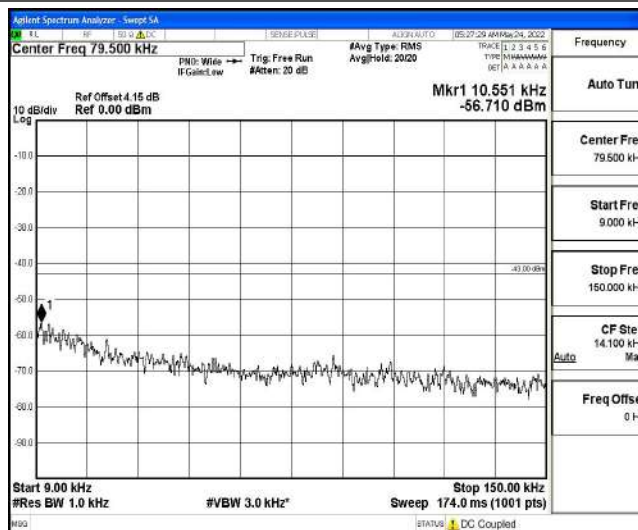
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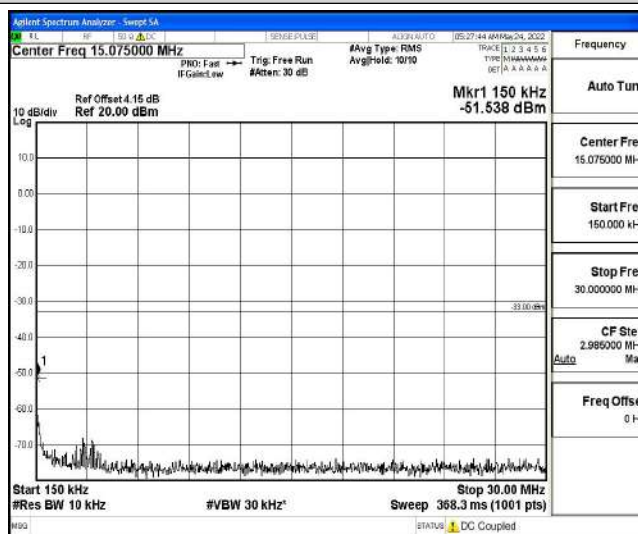
Scan code to check authenticity



Band5-1.4MHz-QPSK-20643-1RB#0-Range1:0.009~0.15MHz

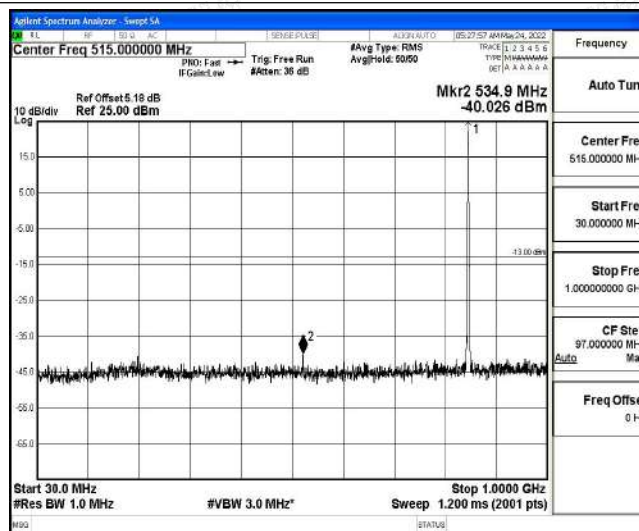


Band5-1.4MHz-QPSK-20643-1RB#0-Range2:0.15~30MHz

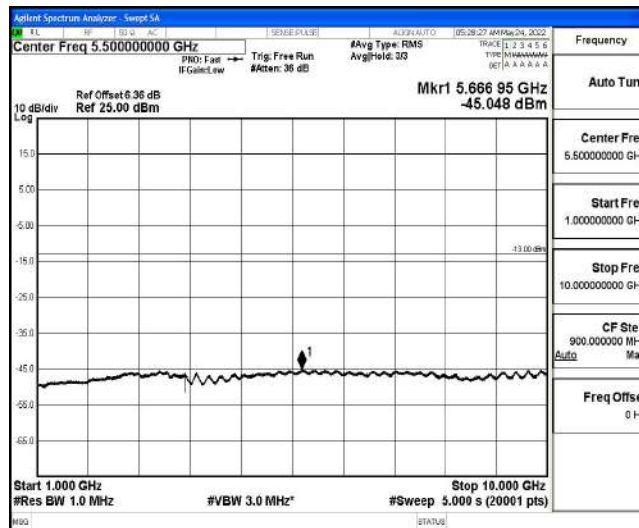


Band5-1.4MHz-QPSK-20643-1RB#0-Range3:30~1000MHz

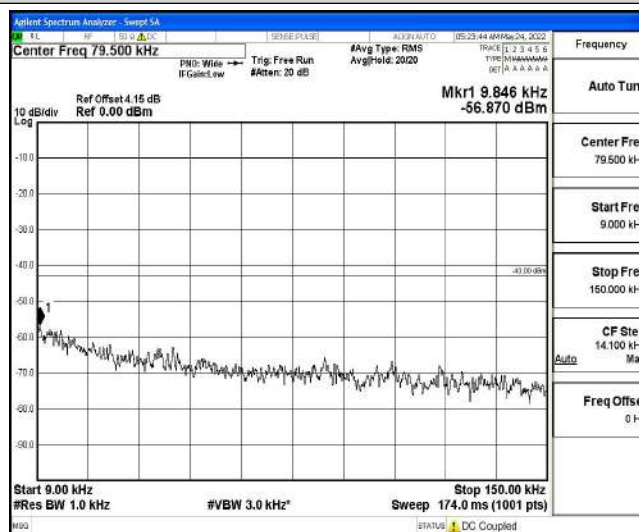




Band5-1.4MHz-QPSK-20643-1RB#0-Range4:1000~10000MHz



Band5-1.4MHz-16QAM-20407-1RB#0-Range1:0.009~0.15MHz



Band5-1.4MHz-16QAM-20407-1RB#0-Range2:0.15~30MHz

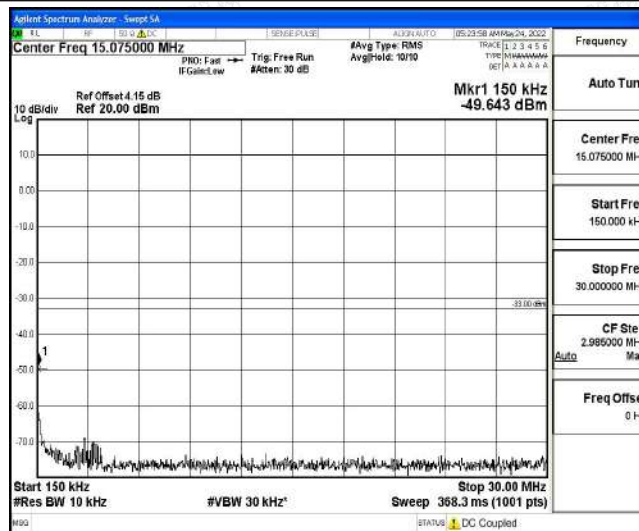


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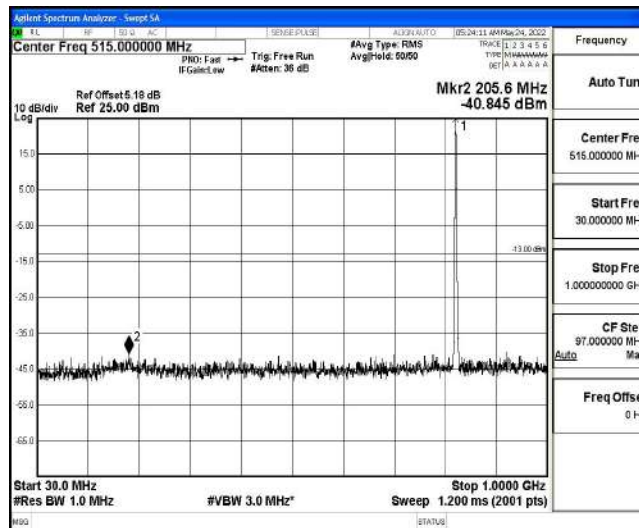
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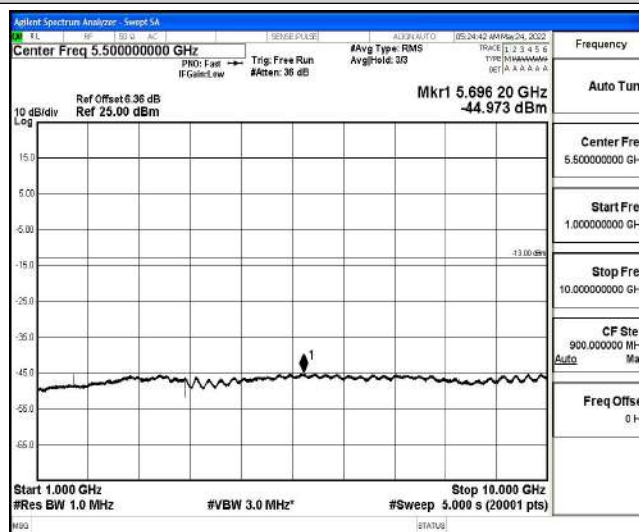
Scan code to check authenticity



Band5-1.4MHz-16QAM-20407-1RB#0-Range3:30~1000MHz

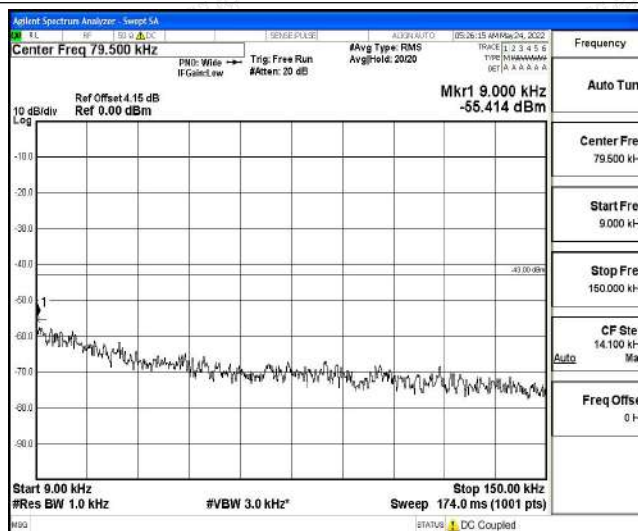


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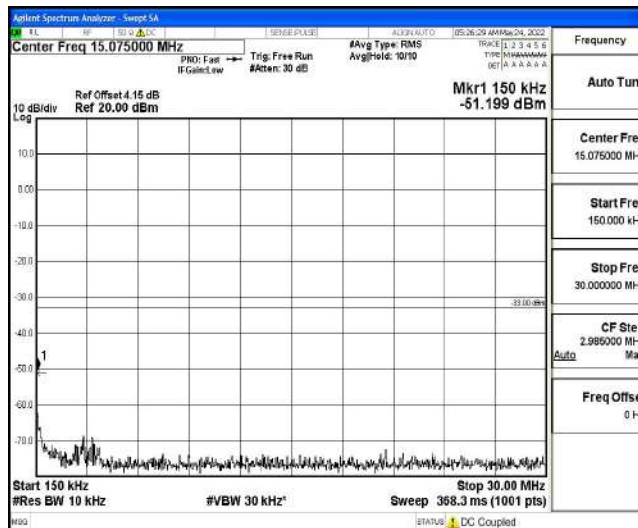


Band5-1.4MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz

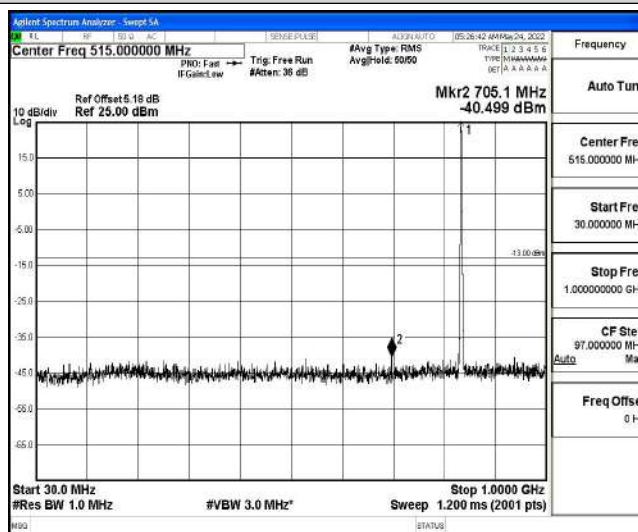




Band5-1.4MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz



Band5-1.4MHz-16QAM-20525-1RB#0-Range3:30~1000MHz



Band5-1.4MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz

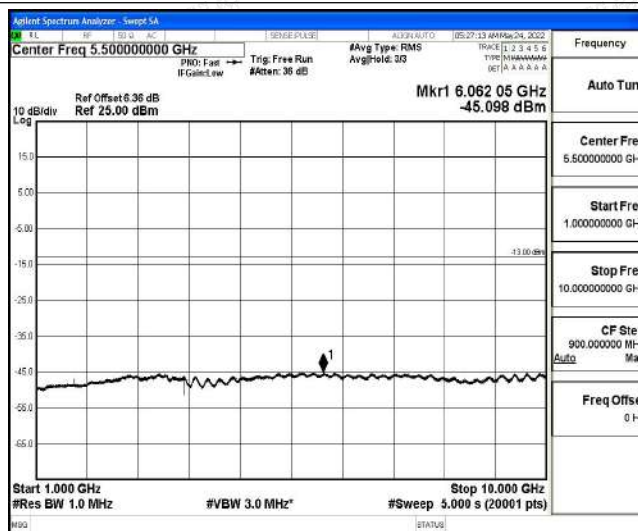


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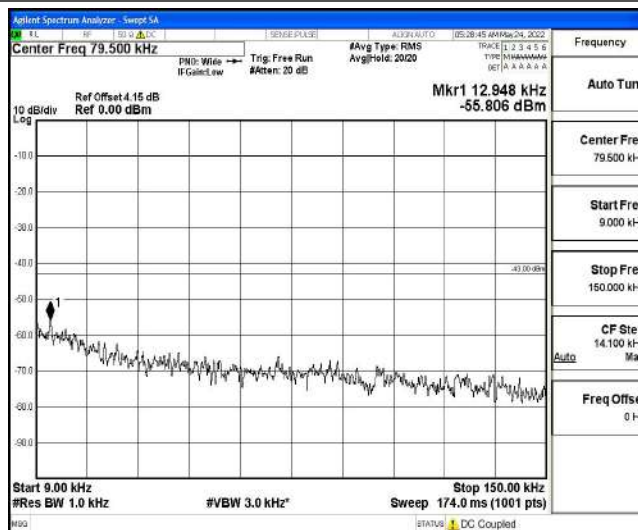
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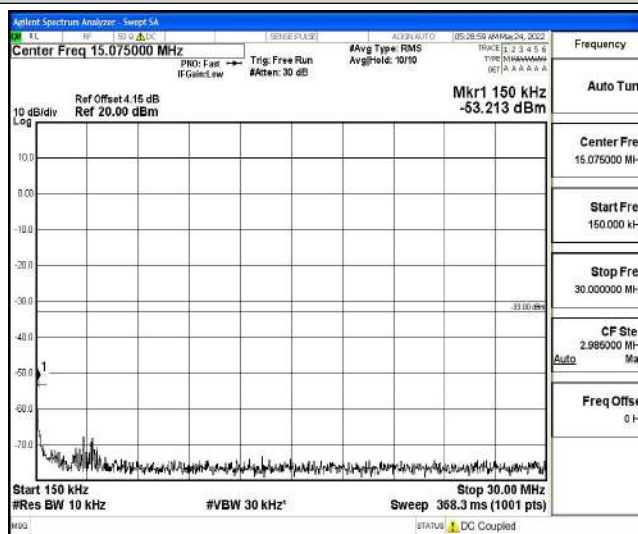
Scan code to check authenticity



Band5-1.4MHz-16QAM-20643-1RB#0-Range1:0.009~0.15MHz

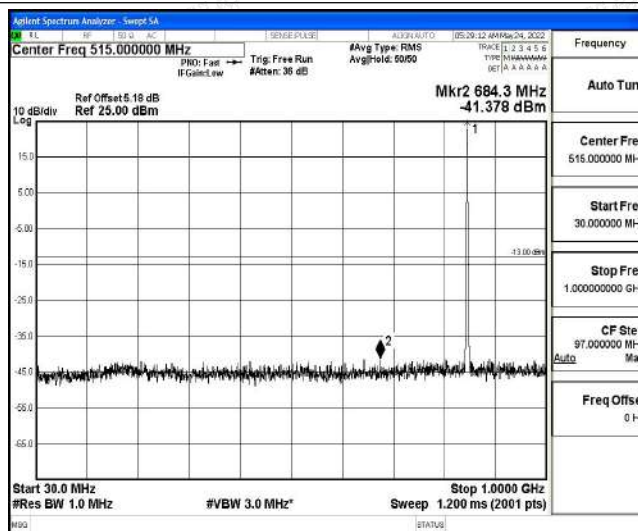


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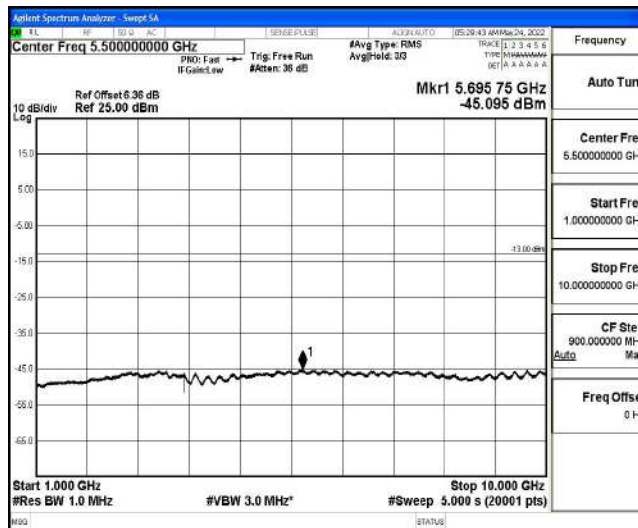


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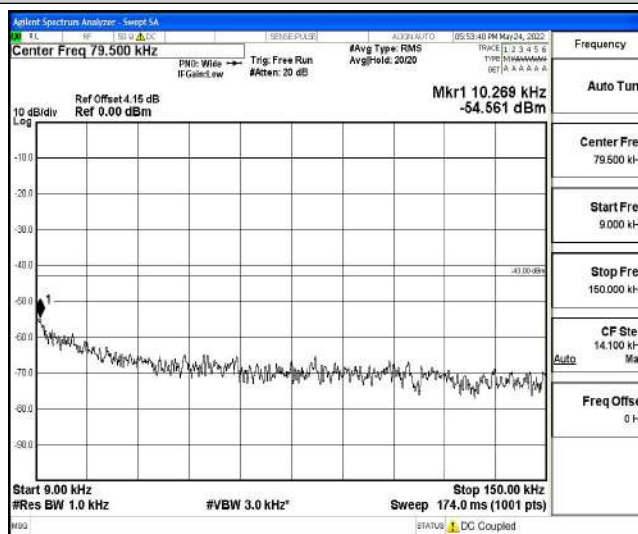




Band5-1.4MHz-16QAM-20643-1RB#0-Range4:1000~10000MHz



Band5-3MHz-QPSK-20415-1RB#0-Range1:0.009~0.15MHz



Band5-3MHz-QPSK-20415-1RB#0-Range2:0.15~30MHz

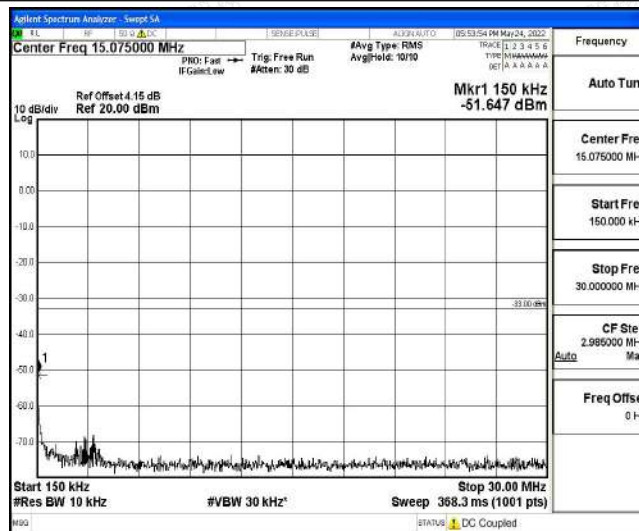


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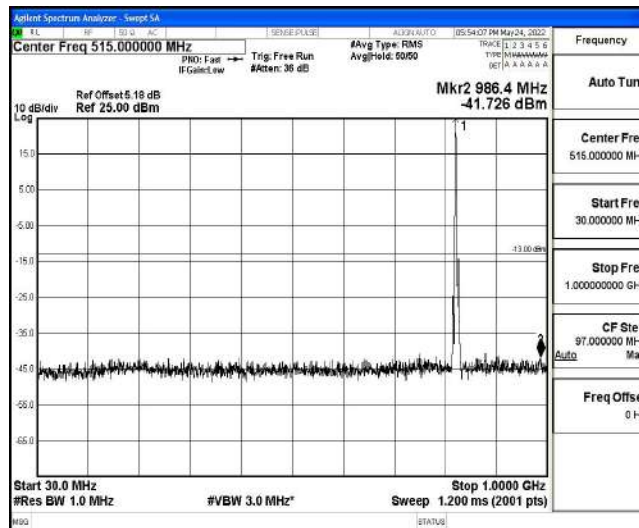
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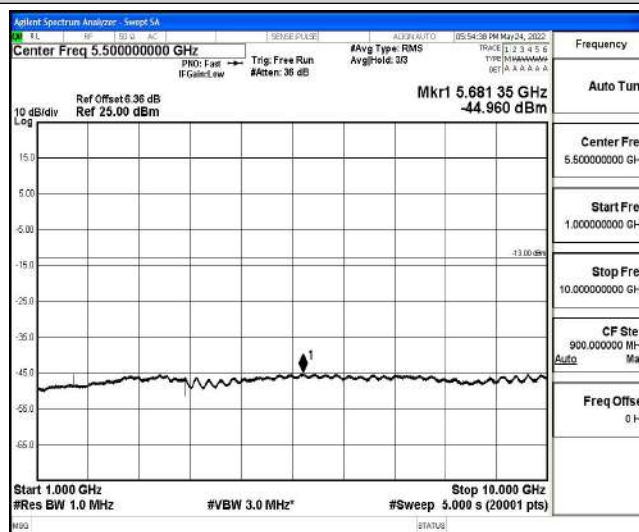
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Band5-3MHz-QPSK-20415-1RB#0-Range3:30~1000MHz

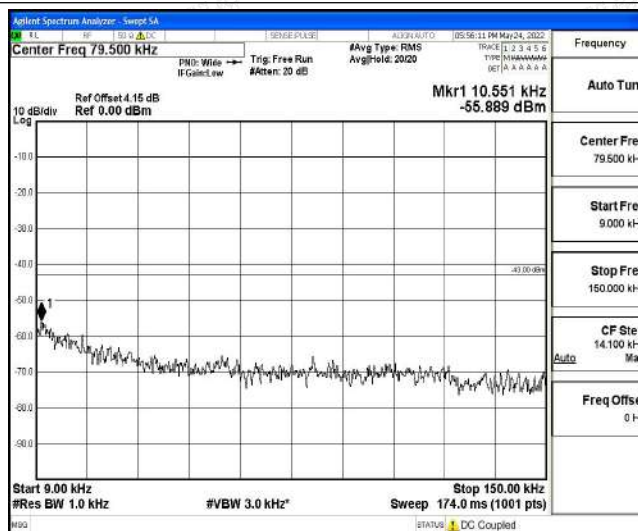


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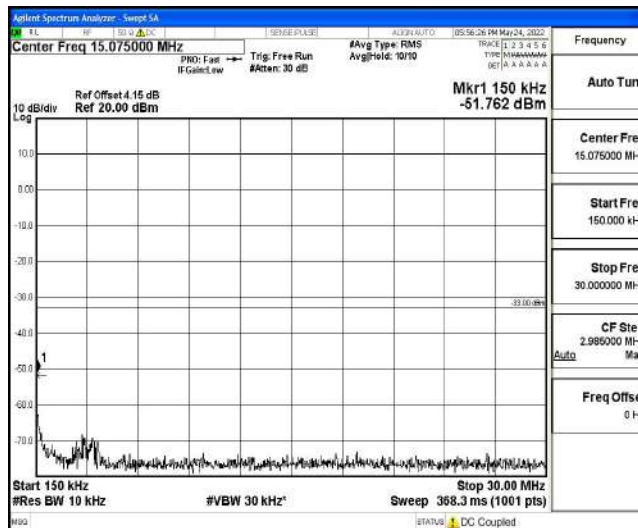


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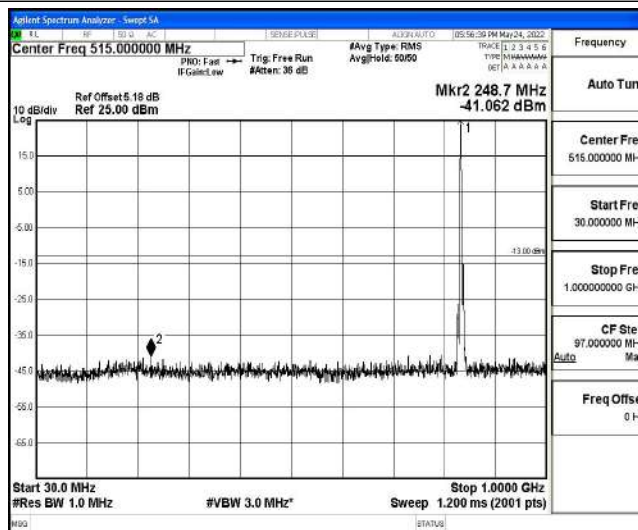




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Band5-3MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



Band5-3MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

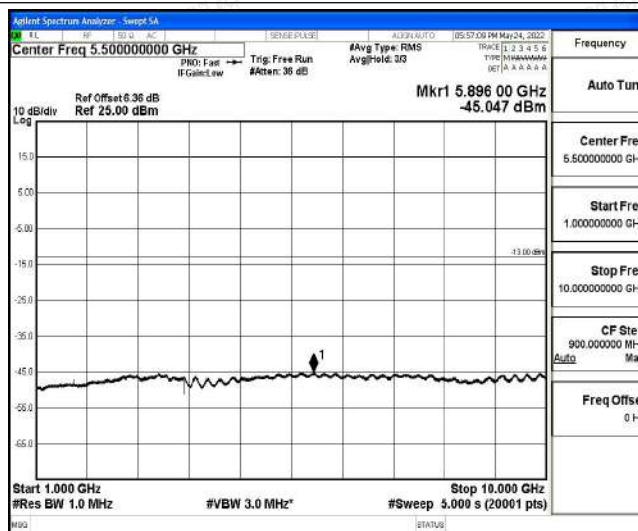


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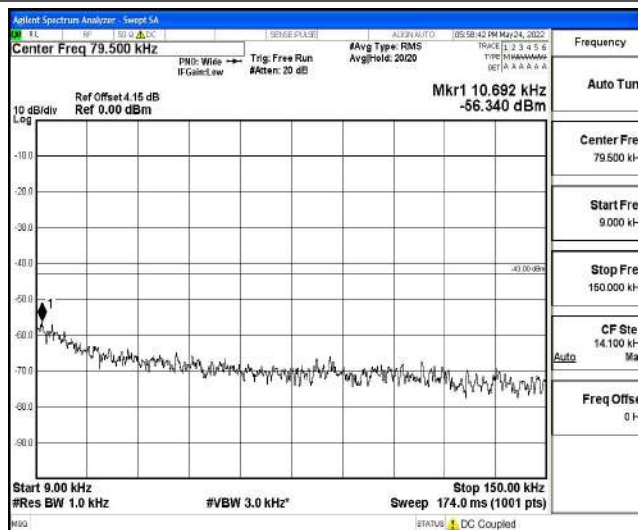
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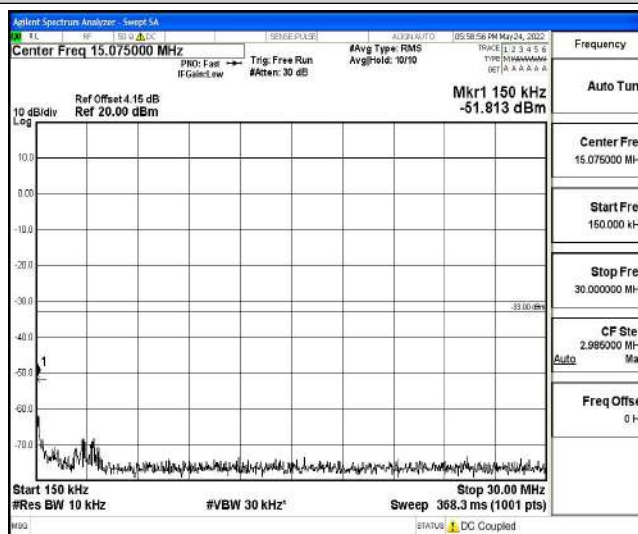
Scan code to check authenticity



Band5-3MHz-QPSK-20635-1RB#0-Range1:0.009~0.15MHz



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Band5-3MHz-QPSK-20635-1RB#0-Range3:30~1000MHz

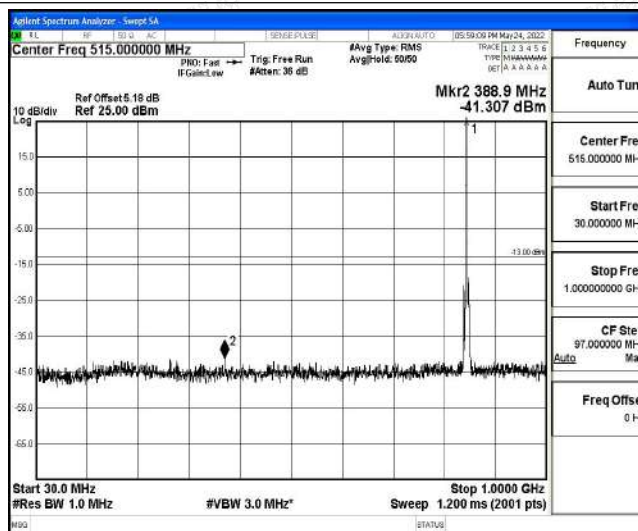


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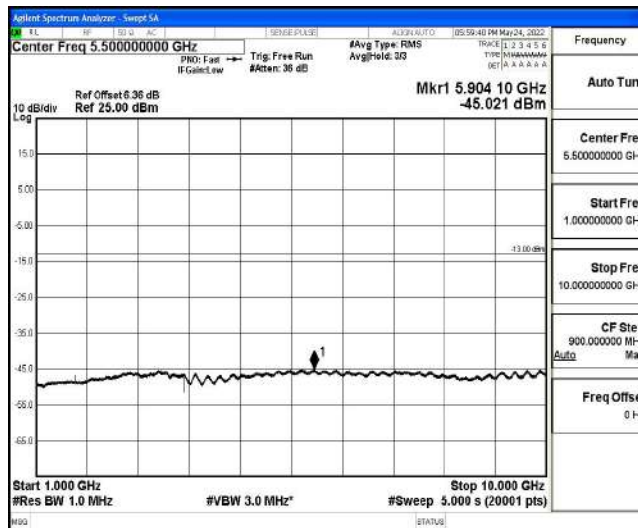
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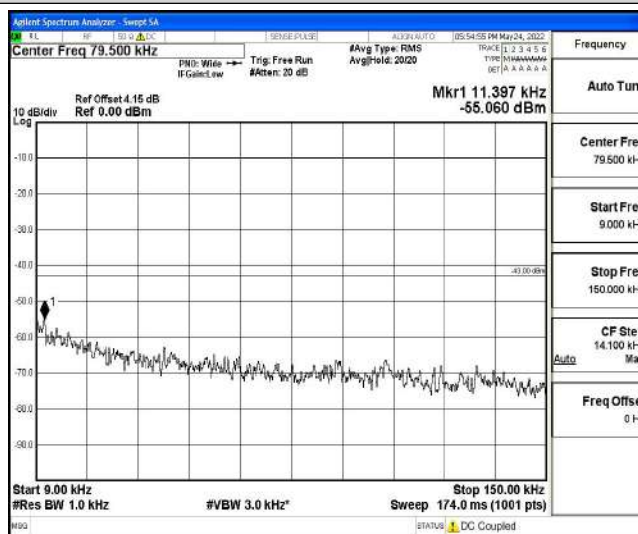
Scan code to check authenticity



Band5-3MHz-QPSK-20635-1RB#0-Range4:1000~10000MHz



Band5-3MHz-16QAM-20415-1RB#0-Range1:0.009~0.15MHz



Band5-3MHz-16QAM-20415-1RB#0-Range2:0.15~30MHz

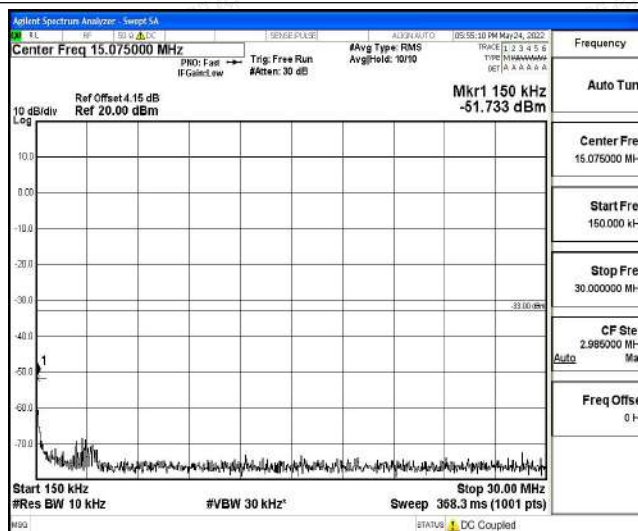


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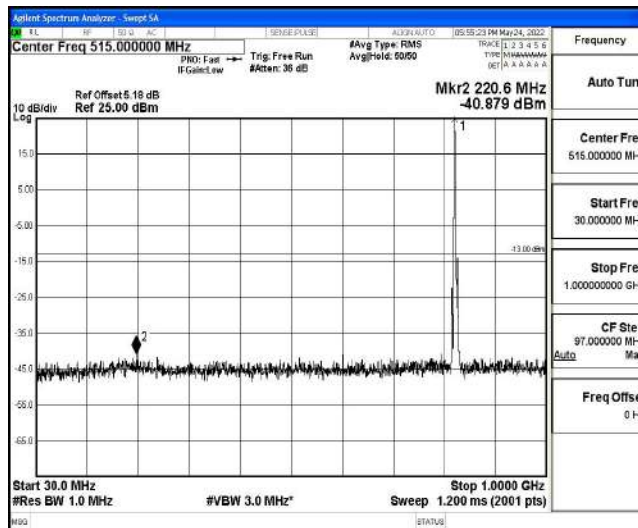
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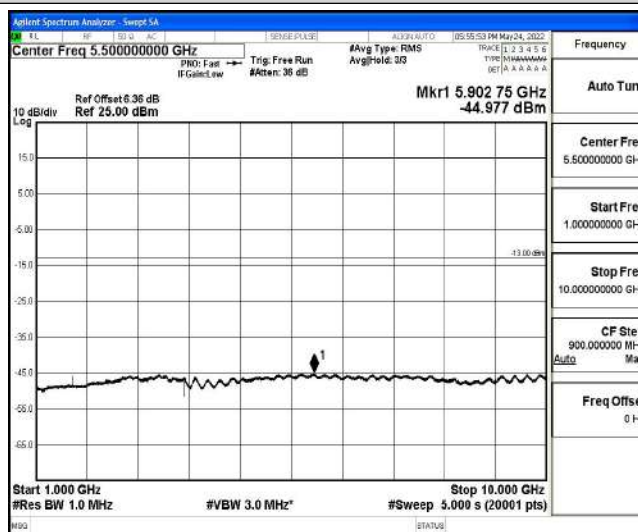
Scan code to check authenticity



Band5-3MHz-16QAM-20415-1RB#0-Range3:30~1000MHz



Band5-3MHz-16QAM-20415-1RB#0-Range4:1000~10000MHz



Band5-3MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz

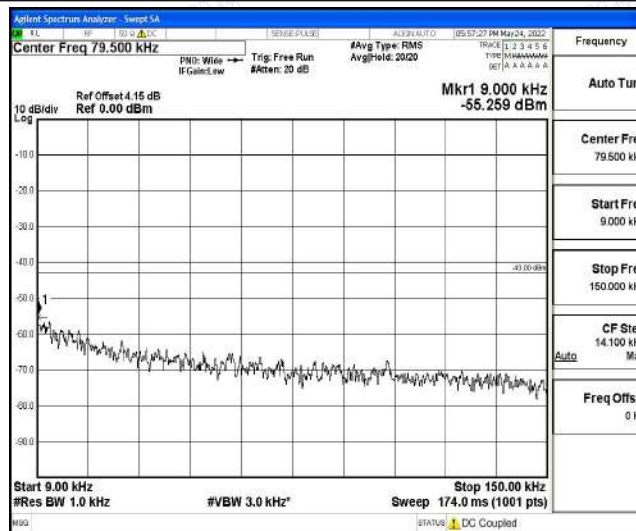


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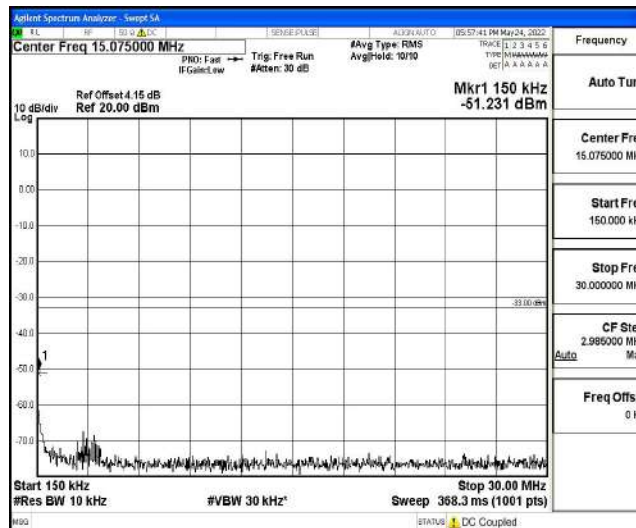
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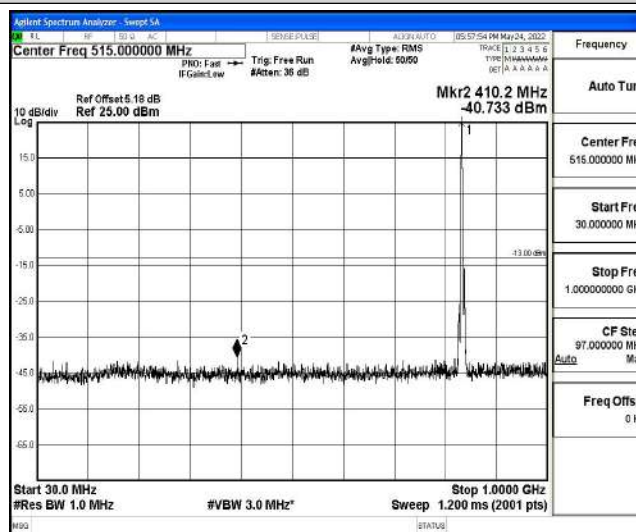
Scan code to check authenticity



Band5-3MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz

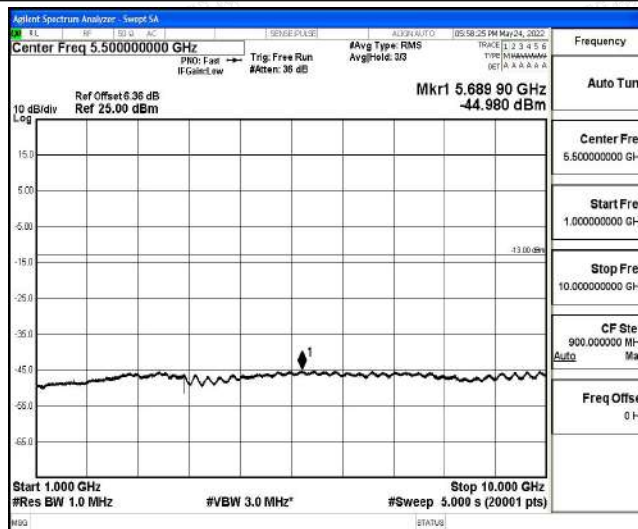


Band5-3MHz-16QAM-20525-1RB#0-Range3:30~1000MHz

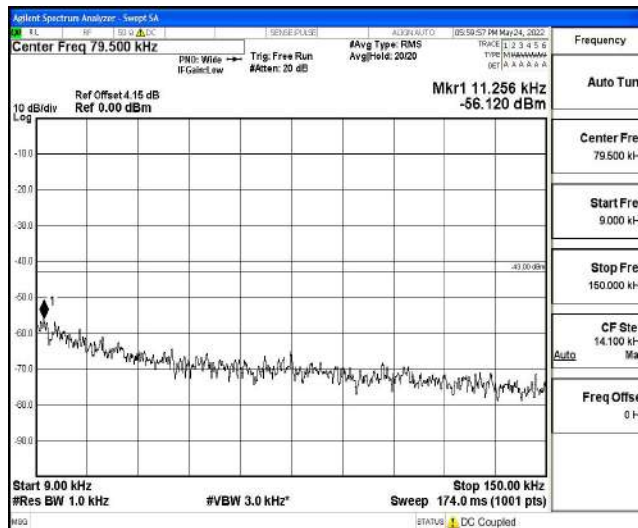


Band5-3MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz

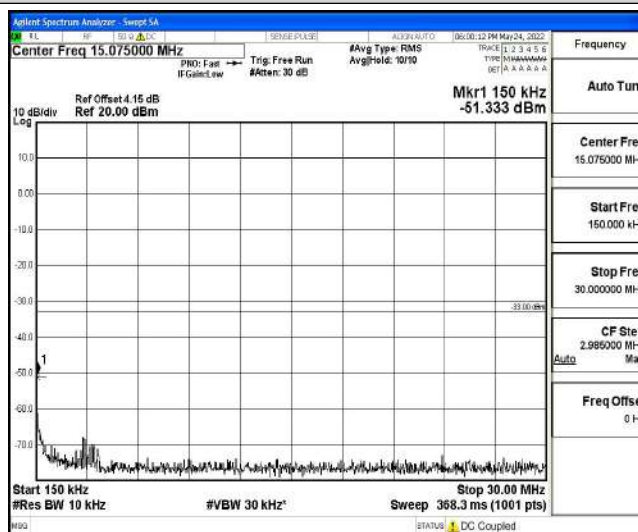




Band5-3MHz-16QAM-20635-1RB#0-Range1:0.009~0.15MHz

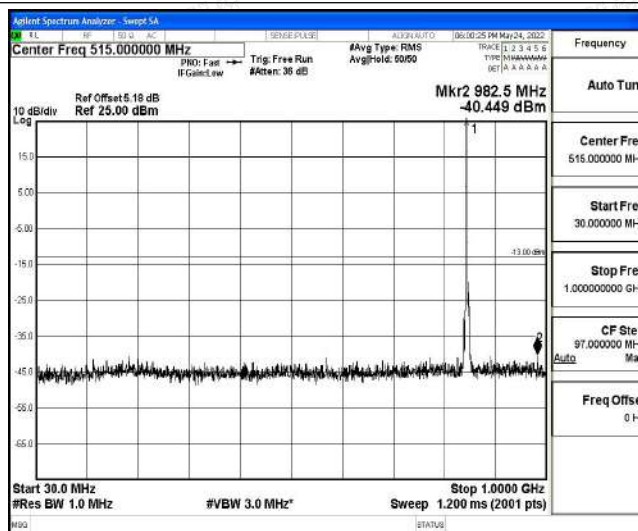


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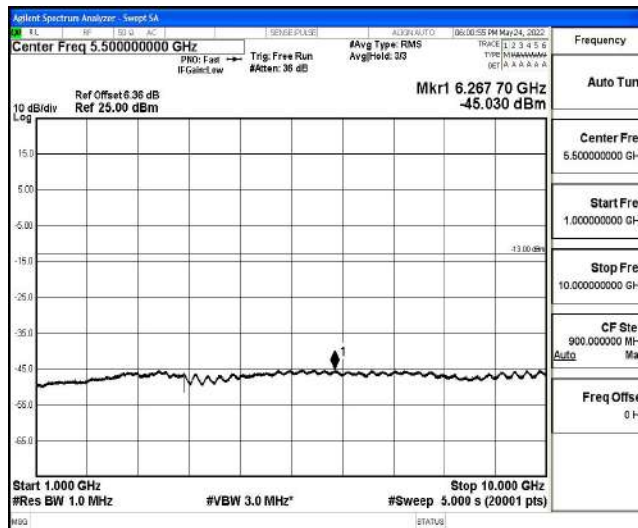


Band5-3MHz-16QAM-20635-1RB#0-Range3:30~1000MHz

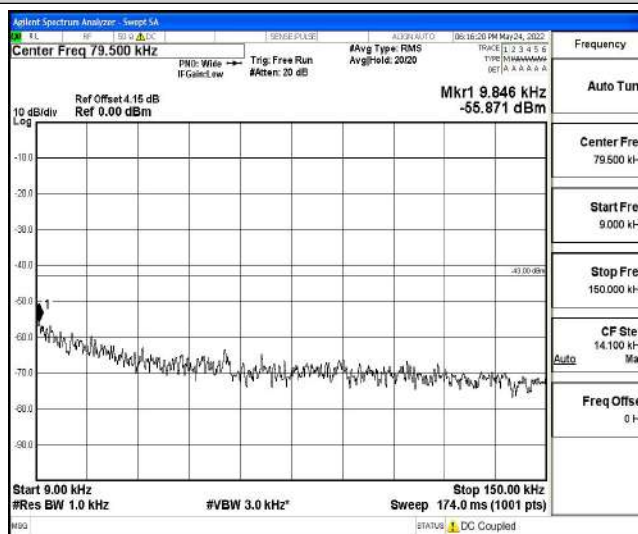




Band5-3MHz-16QAM-20635-1RB#0-Range4:1000~10000MHz



Band5-5MHz-QPSK-20425-1RB#0-Range1:0.009~0.15MHz



Band5-5MHz-QPSK-20425-1RB#0-Range2:0.15~30MHz

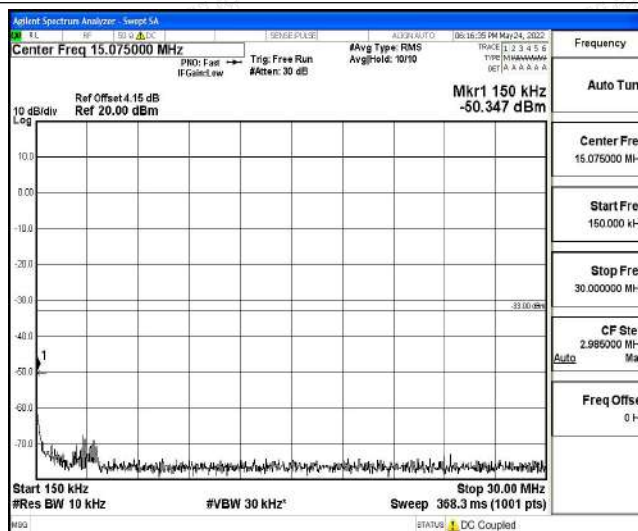


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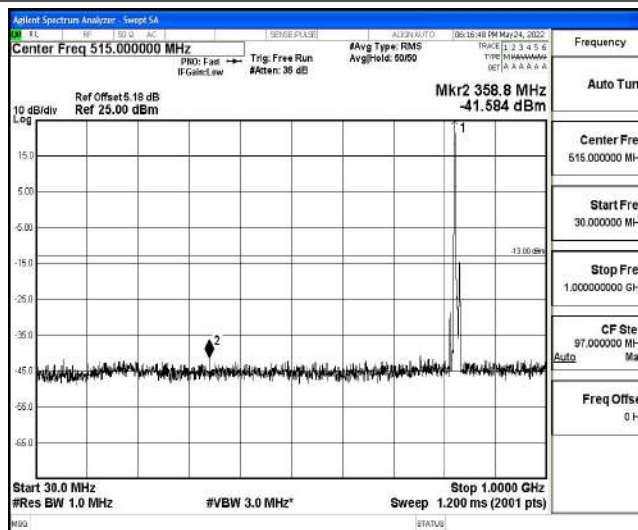
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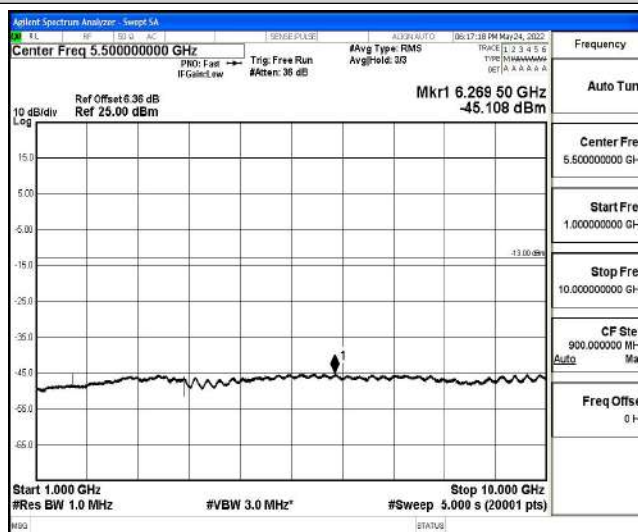
Scan code to check authenticity



Band5-5MHz-QPSK-20425-1RB#0-Range3:30~1000MHz



Band5-5MHz-QPSK-20425-1RB#0-Range4:1000~10000MHz



Band5-5MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

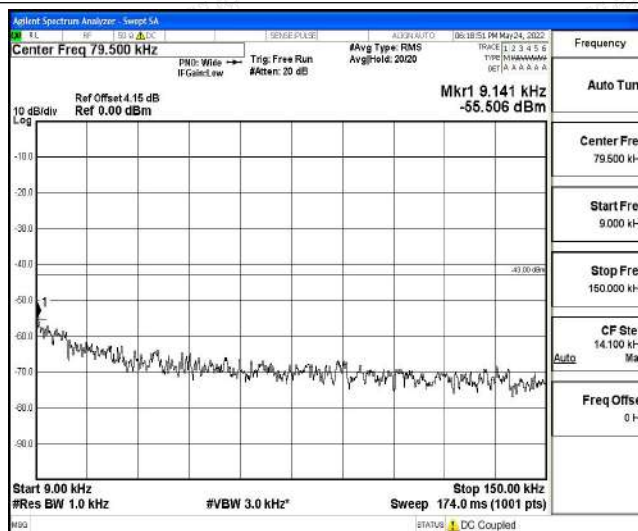


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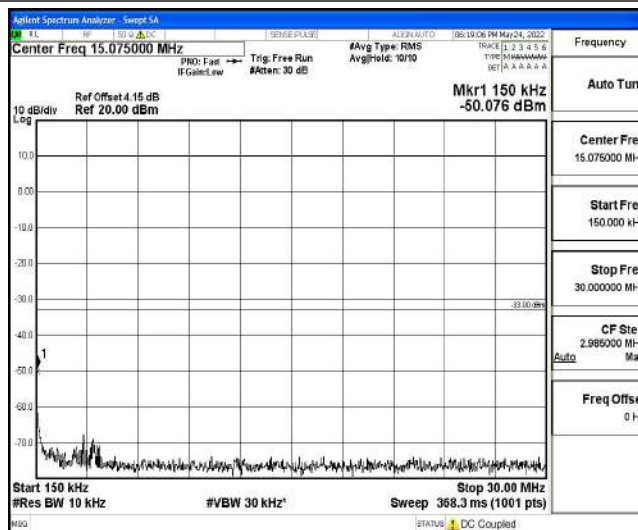
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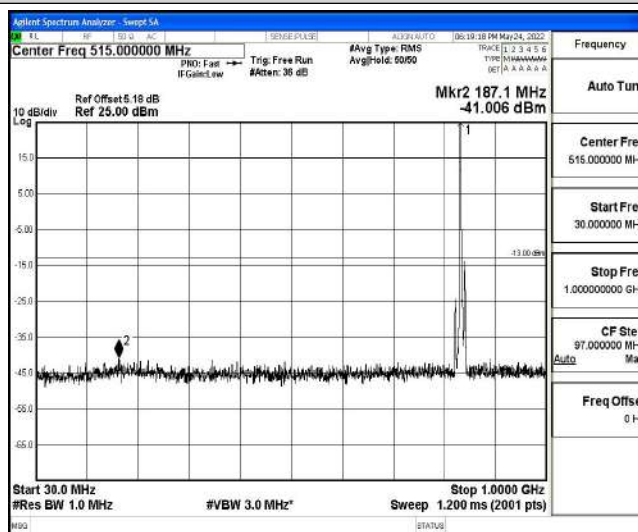
Scan code to check authenticity



Band5-5MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



Band5-5MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



Band5-5MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

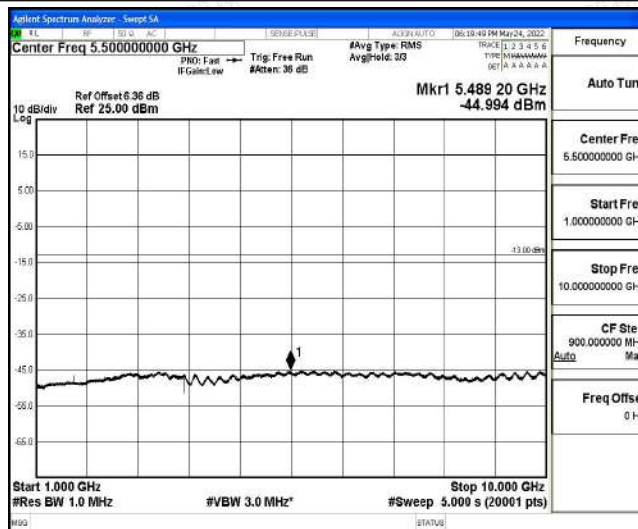


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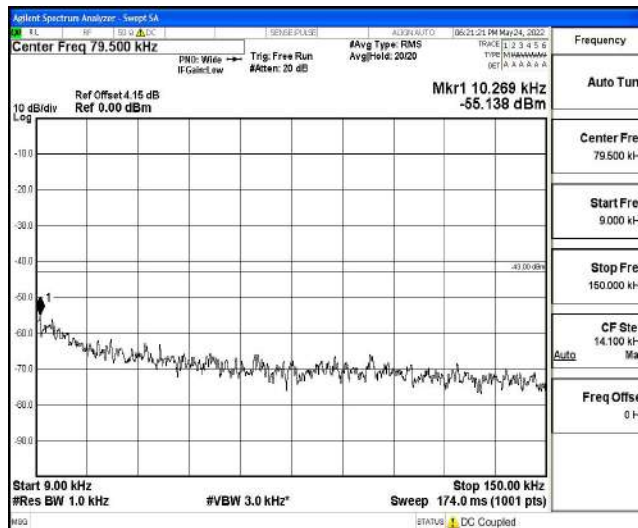
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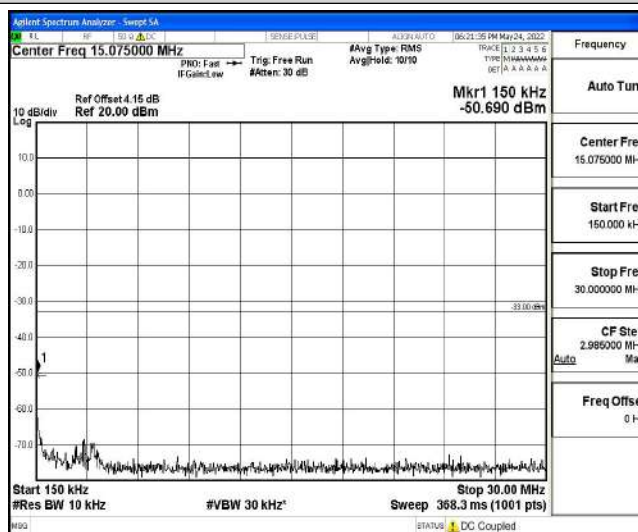
Scan code to check authenticity



Band5-5MHz-QPSK-20625-1RB#0-Range1:0.009~0.15MHz



Band5-5MHz-QPSK-20625-1RB#0-Range2:0.15~30MHz



Band5-5MHz-QPSK-20625-1RB#0-Range3:30~1000MHz

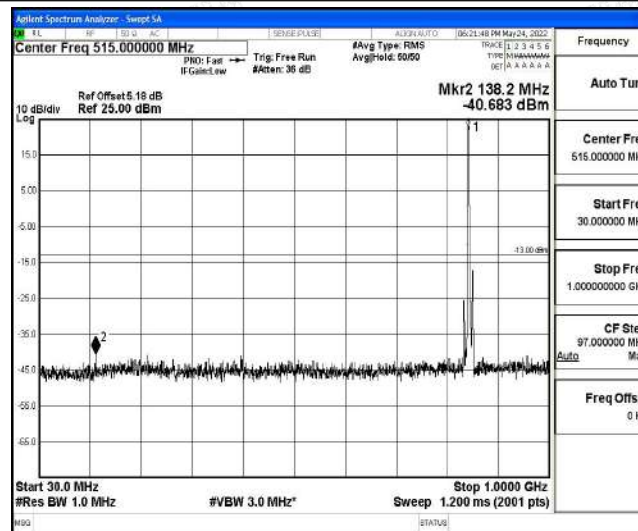


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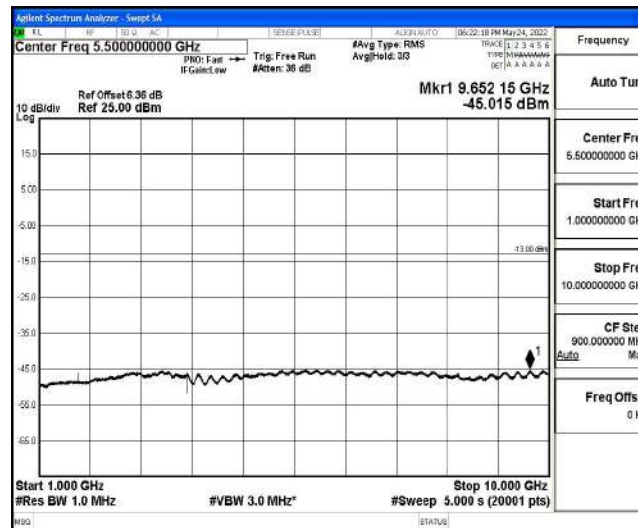
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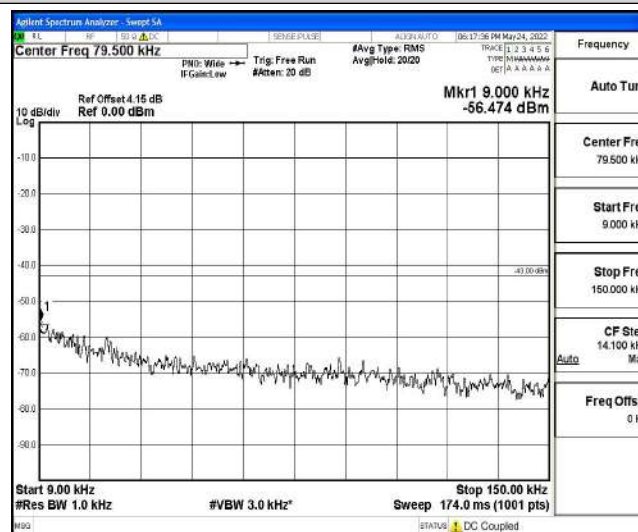
Scan code to check authenticity



Band5-5MHz-QPSK-20625-1RB#0-Range4:1000~10000MHz



Band5-5MHz-16QAM-20425-1RB#0-Range1:0.009~0.15MHz



Band5-5MHz-16QAM-20425-1RB#0-Range2:0.15~30MHz

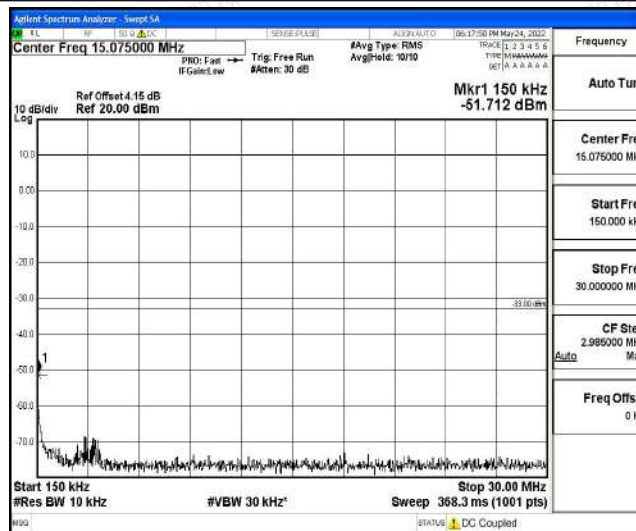


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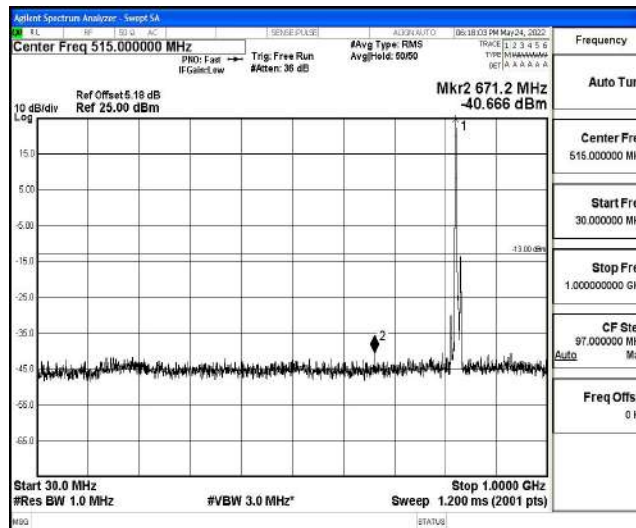
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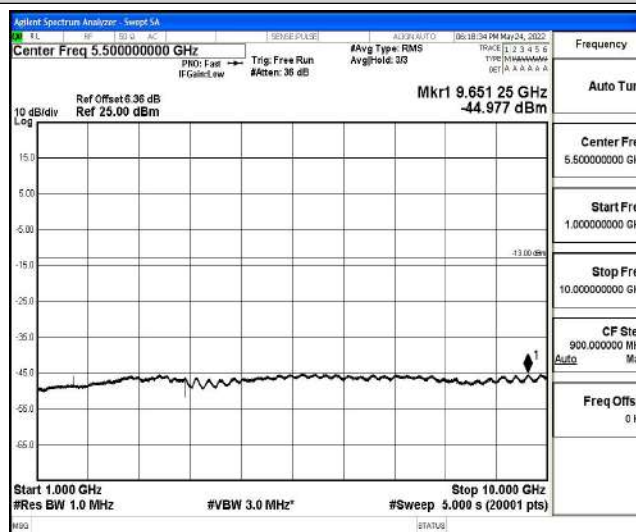
Scan code to check authenticity



Band5-5MHz-16QAM-20425-1RB#0-Range3:30~1000MHz



Band5-5MHz-16QAM-20425-1RB#0-Range4:1000~10000MHz



Band5-5MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz

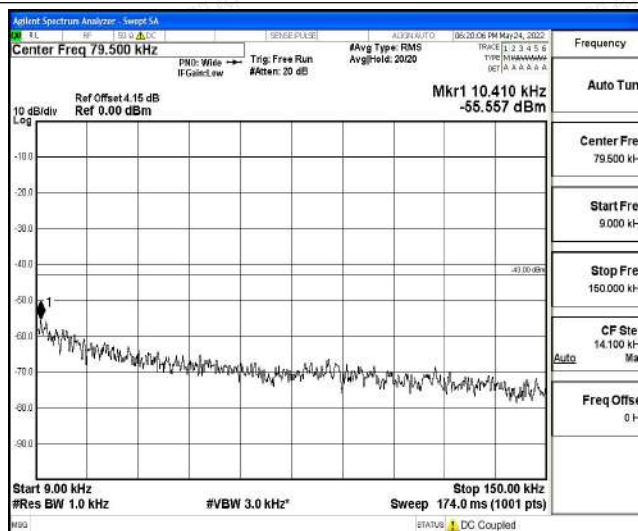


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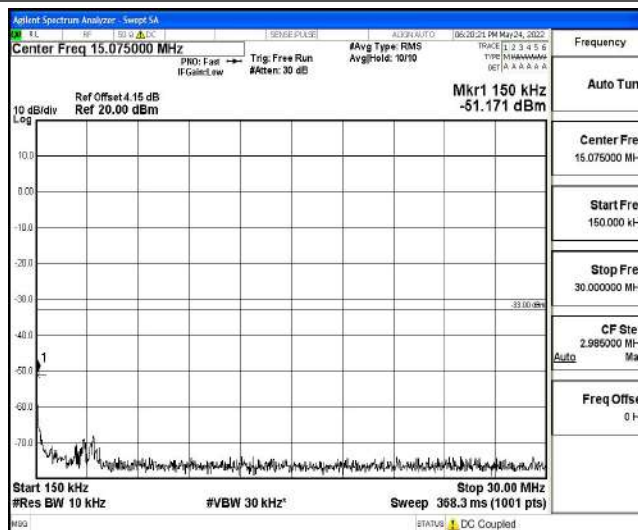
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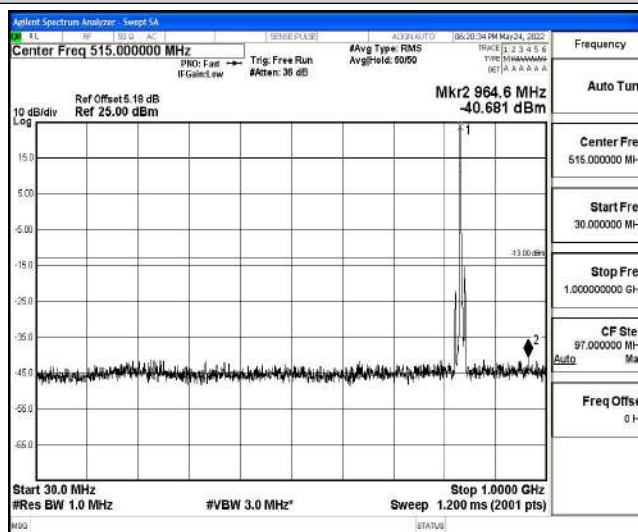
Scan code to check authenticity



Band5-5MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz



Band5-5MHz-16QAM-20525-1RB#0-Range3:30~1000MHz



Band5-5MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz

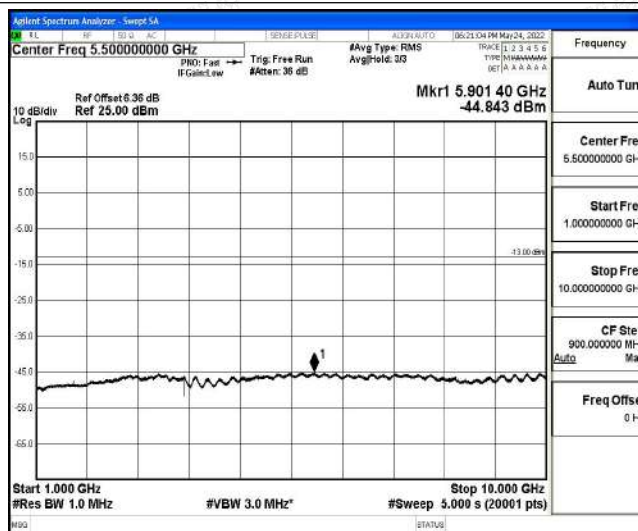


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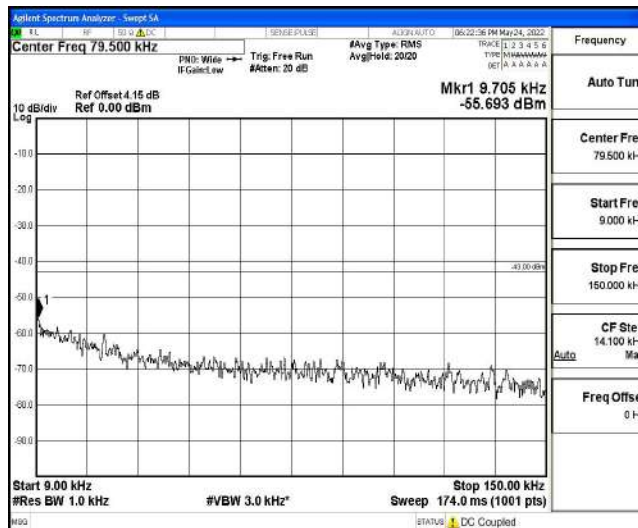
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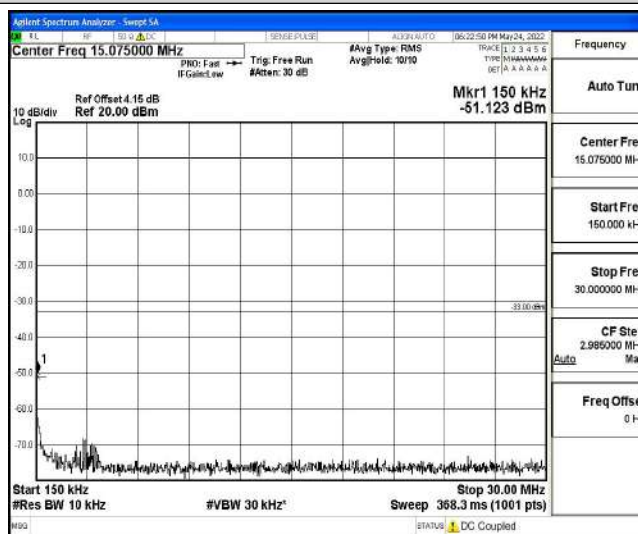
Scan code to check authenticity



Band5-5MHz-16QAM-20625-1RB#0-Range1:0.009~0.15MHz

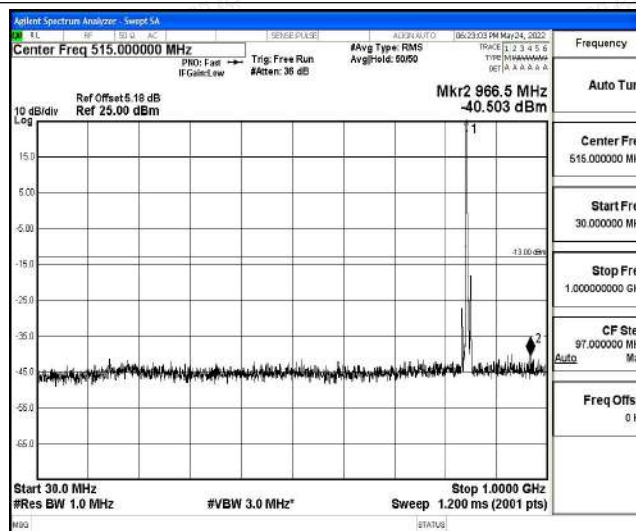


Band5-5MHz-16QAM-20625-1RB#0-Range2:0.15~30MHz

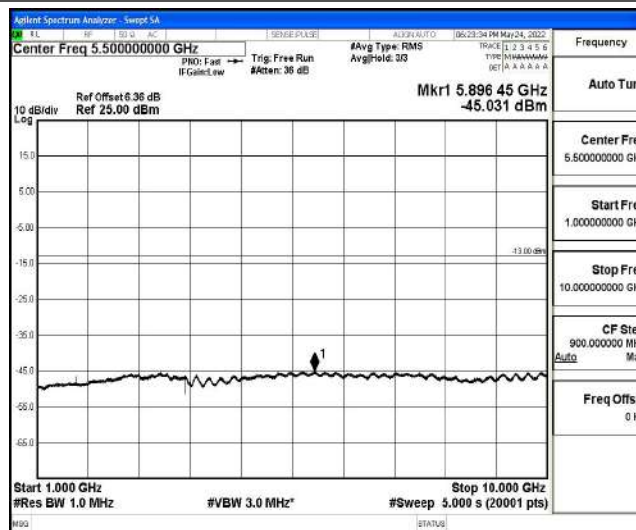


Band5-5MHz-16QAM-20625-1RB#0-Range3:30~1000MHz

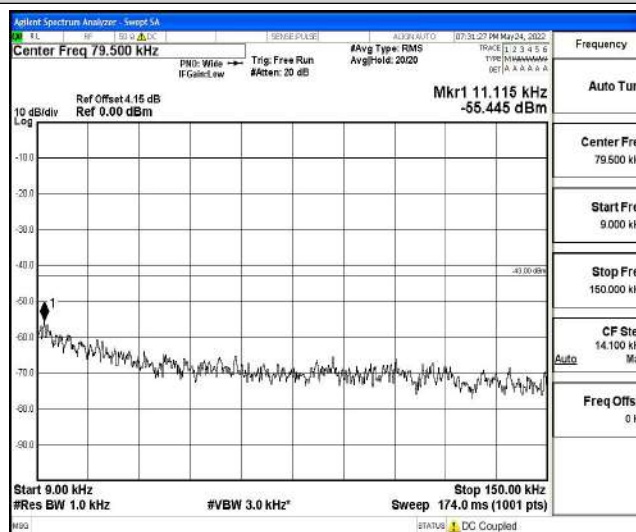




Band5-5MHz-16QAM-20625-1RB#0-Range4:1000~10000MHz



Band5-10MHz-QPSK-20450-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-QPSK-20450-1RB#0-Range2:0.15~30MHz

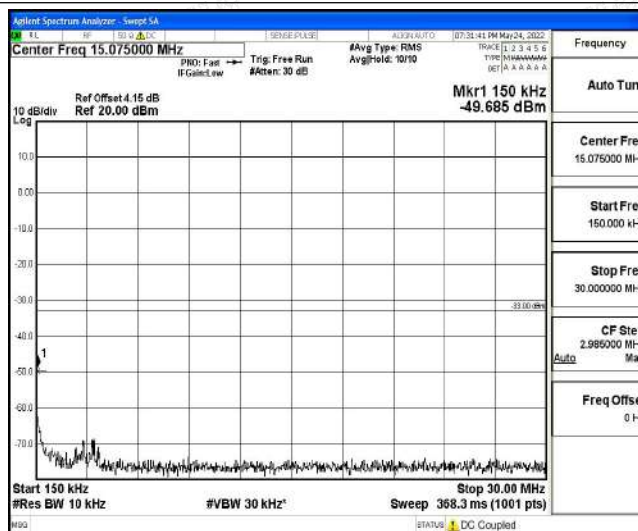


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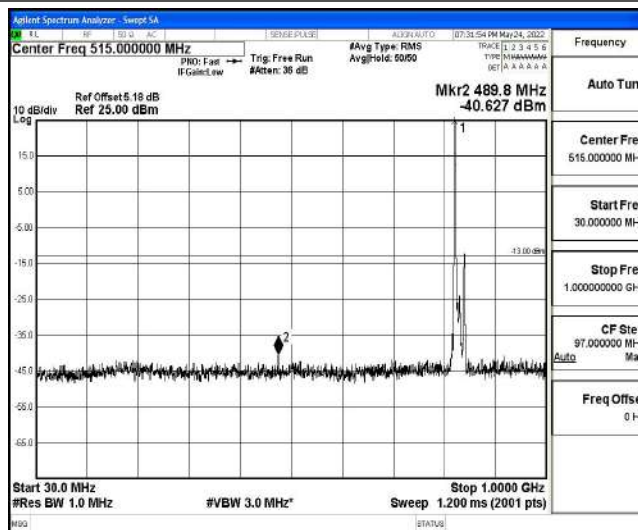
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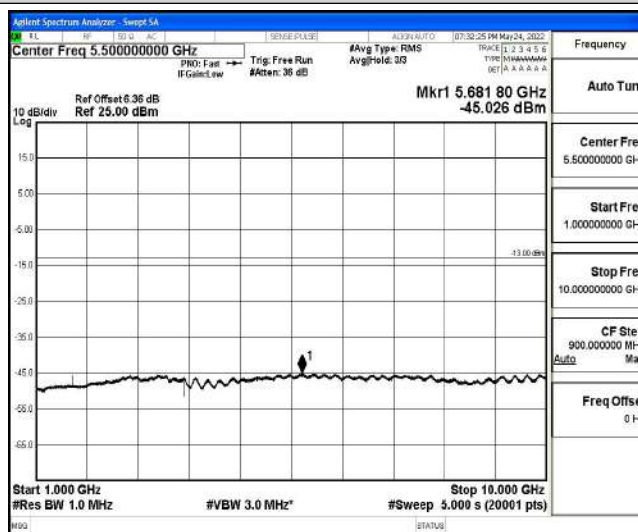
Scan code to check authenticity



Band5-10MHz-QPSK-20450-1RB#0-Range3:30~1000MHz



Band5-10MHz-QPSK-20450-1RB#0-Range4:1000~10000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

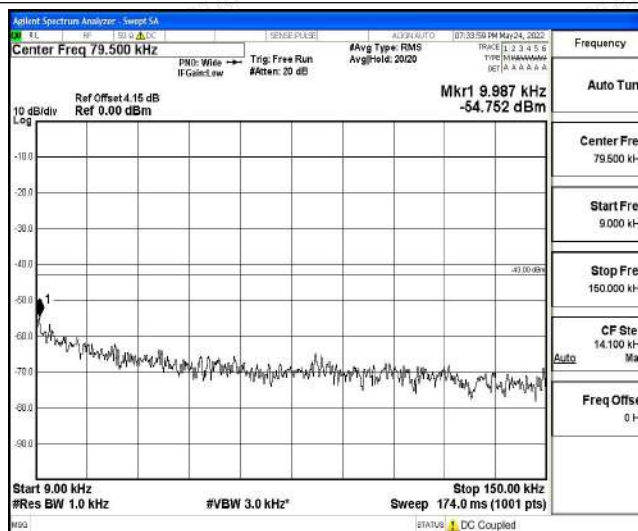


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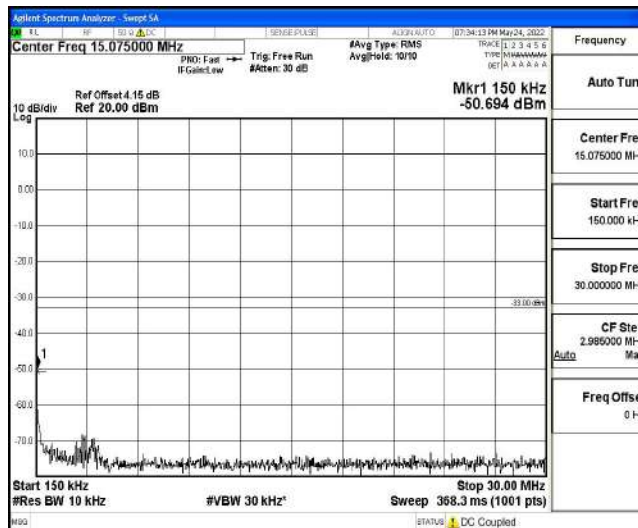
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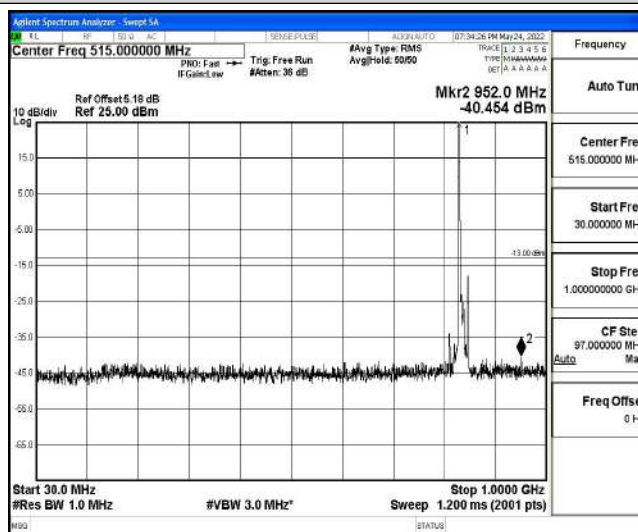
Scan code to check authenticity



Band5-10MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



Band5-10MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

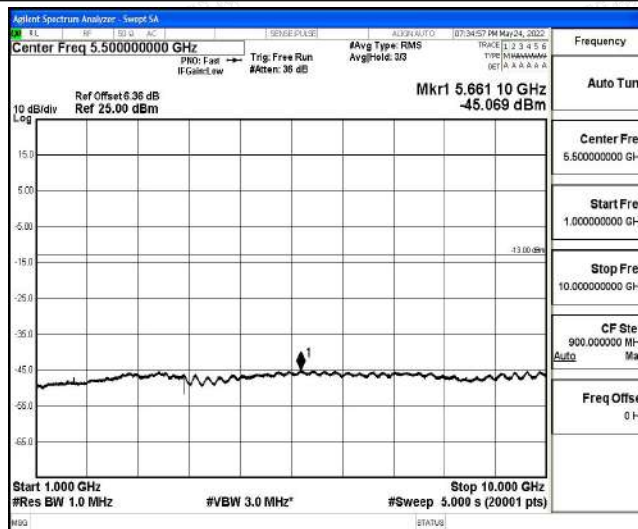


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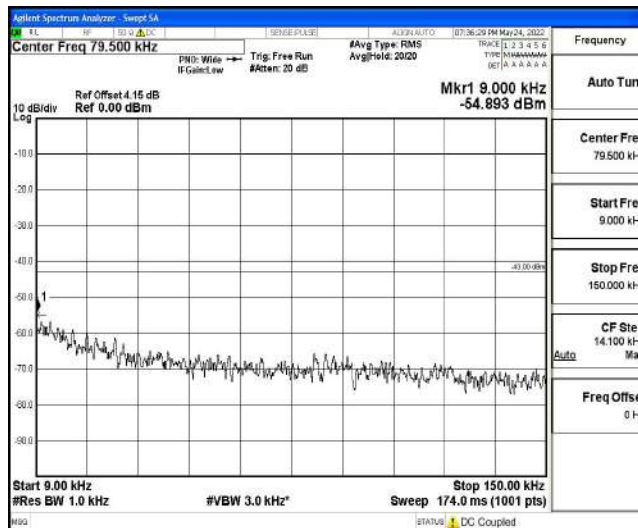
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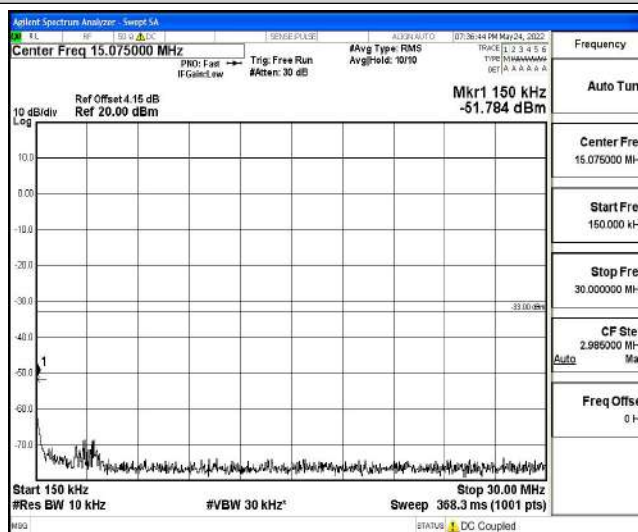
Scan code to check authenticity



Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz

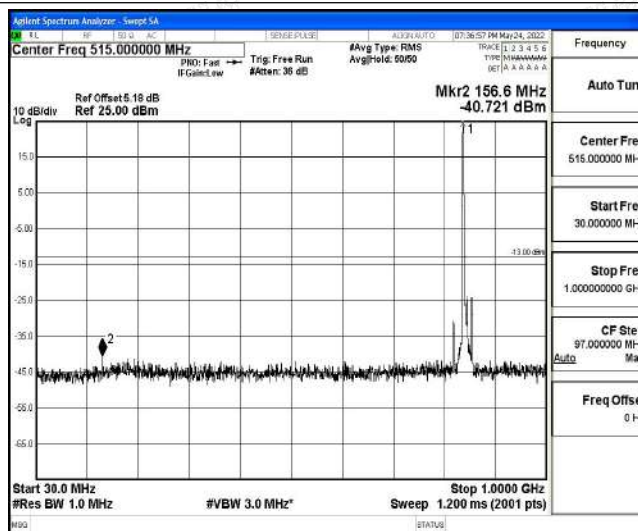


Band5-10MHz-QPSK-20600-1RB#0-Range2:0.15~30MHz

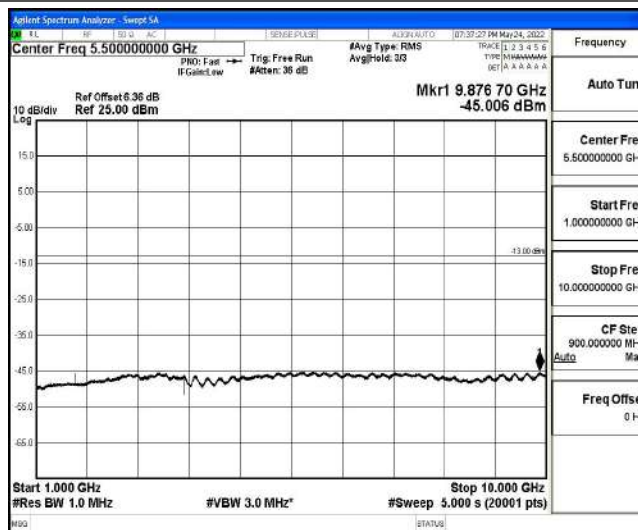


Band5-10MHz-QPSK-20600-1RB#0-Range3:30~1000MHz

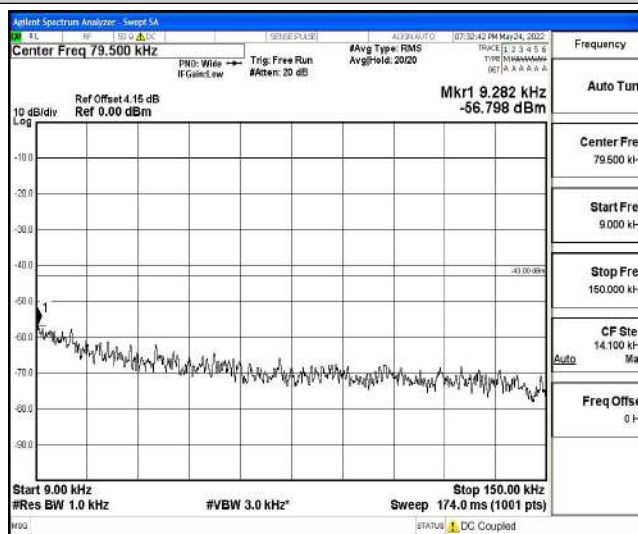




Band5-10MHz-QPSK-20600-1RB#0-Range4:1000~10000MHz



Band5-10MHz-16QAM-20450-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-16QAM-20450-1RB#0-Range2:0.15~30MHz

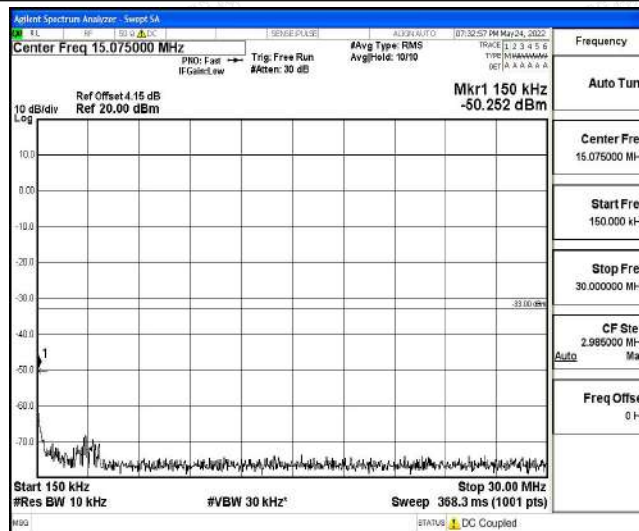


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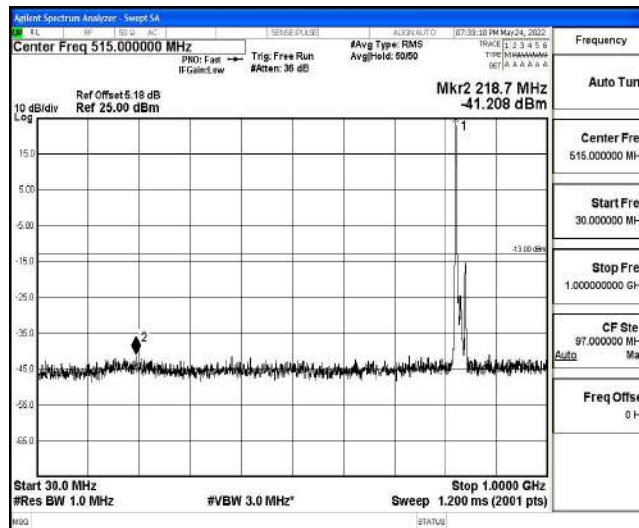
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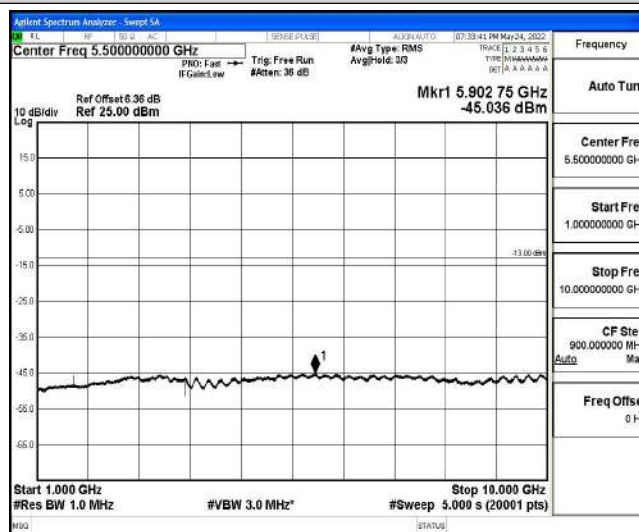
Scan code to check authenticity



Band5-10MHz-16QAM-20450-1RB#0-Range3:30~1000MHz



Band5-10MHz-16QAM-20450-1RB#0-Range4:1000~10000MHz



Band5-10MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz

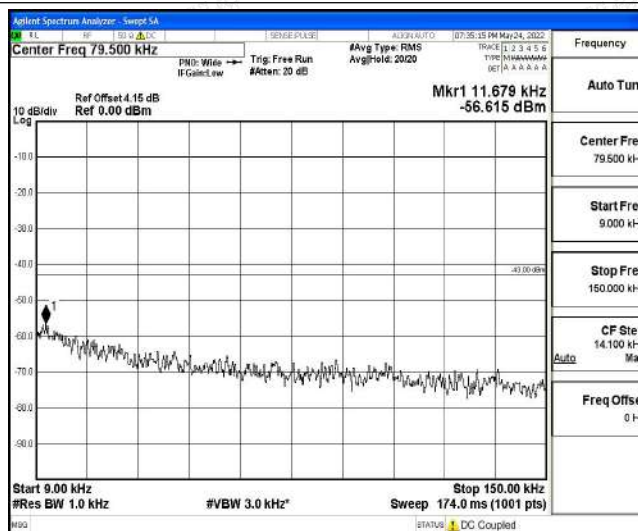


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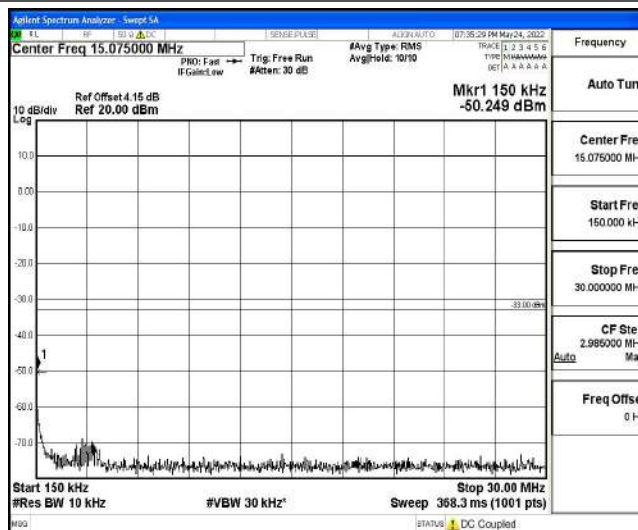
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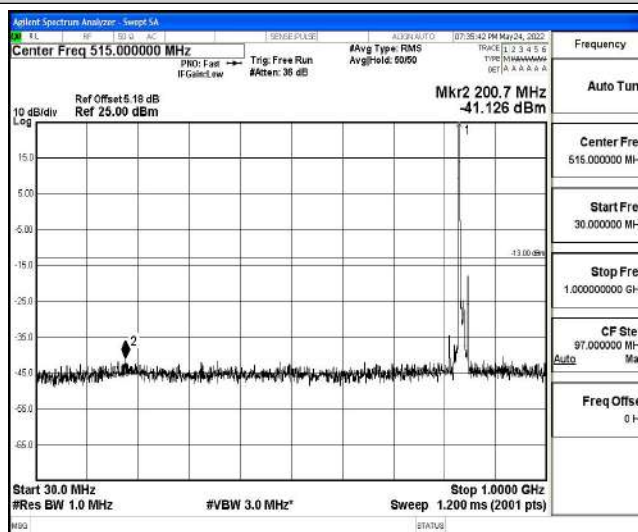
Scan code to check authenticity



Band5-10MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz



Band5-10MHz-16QAM-20525-1RB#0-Range3:30~1000MHz



Band5-10MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz

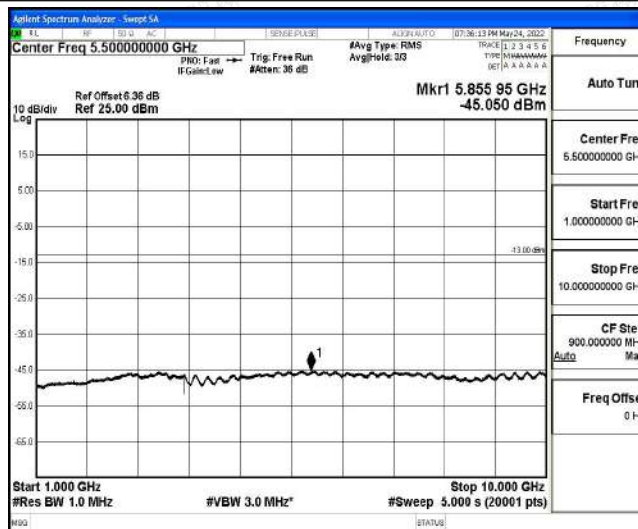


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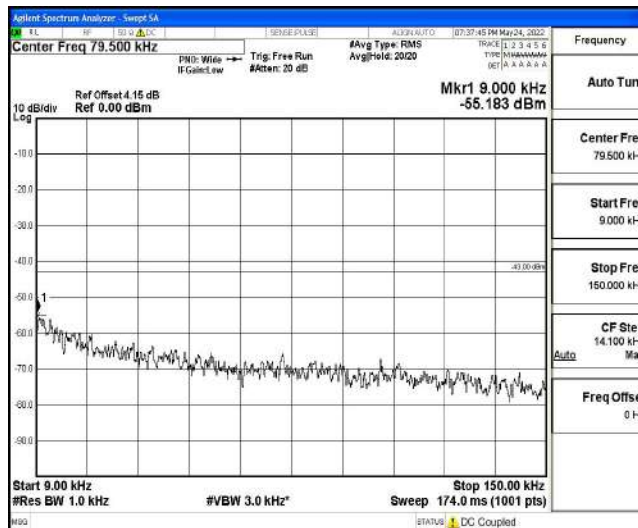
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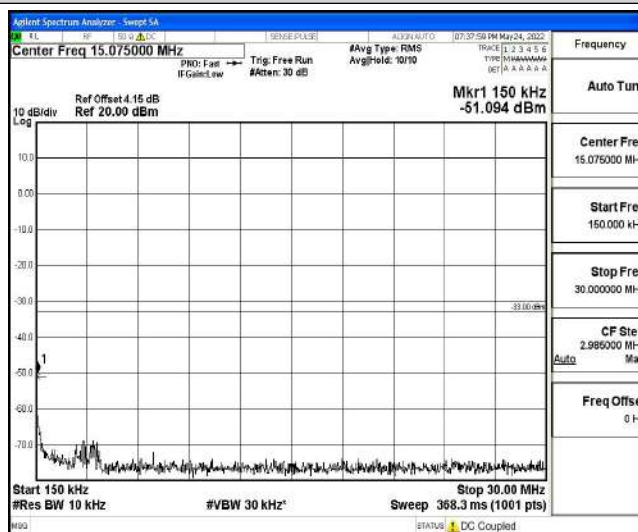
Scan code to check authenticity



Band5-10MHz-16QAM-20600-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:0.15~30MHz



Band5-10MHz-16QAM-20600-1RB#0-Range3:30~1000MHz

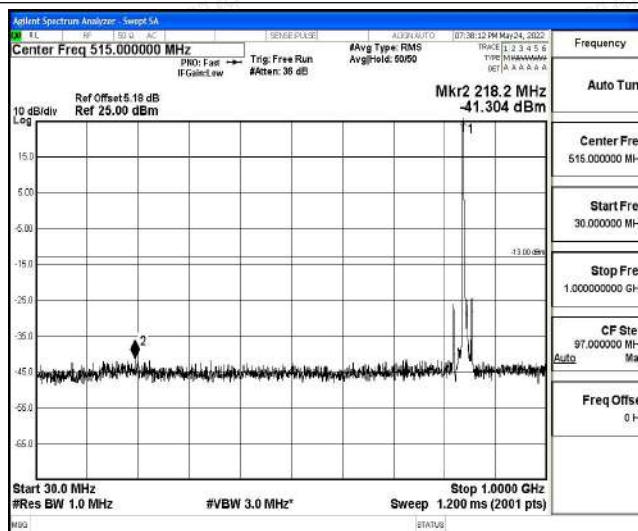


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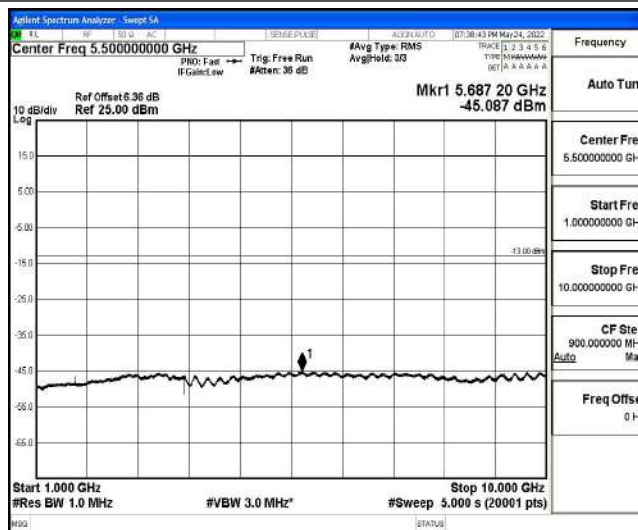
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Band5-10MHz-16QAM-20600-1RB#0-Range4:1000~10000MHz



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