



Appendix C Test Data for E-UTRA Band 5

Product Name: LTE 4G USB DONGLE

Test Model: IH500

Environmental Conditions

Temperature:	22.4° C
Relative Humidity:	53.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





C.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.81	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.84	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.68	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.87	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.84	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.43	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.80	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.74	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.67	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.78	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.85	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.05	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.92	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.96	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.74	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.03	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.92	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.89	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.91	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.94	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.01	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.00	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.47	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.53	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.60	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.24	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.01	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.20	PASS



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Scan code to check authenticity



Band5	1.4MHz	16QAM	20525	1RB#5	22.99	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.67	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.64	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.42	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.90	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.51	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.92	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.81	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.84	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.83	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.88	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.89	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.73	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.66	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.72	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.47	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.53	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.48	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.55	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.47	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.79	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.50	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.69	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.65	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.71	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.76	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.49	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.37	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.55	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.44	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.54	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.60	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.47	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.54	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.55	PASS



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Band5	3MHz	16QAM	20415	1RB#14	22.48	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.63	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.53	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.38	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.50	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.68	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.74	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.24	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.73	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.68	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.84	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.62	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.37	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.60	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.32	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.68	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.63	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.59	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.40	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.70	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.78	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.46	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.65	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.77	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.69	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.75	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.87	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.88	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.75	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.89	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.88	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.87	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.90	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.65	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.82	PASS



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Band5	5MHz	QPSK	20625	1RB#24	23.74	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.75	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.70	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.83	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.76	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.51	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.84	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.57	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.88	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.70	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.80	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.71	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.70	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.80	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.58	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.91	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.80	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.87	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.83	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.75	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.64	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.67	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.64	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.80	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.82	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.81	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.42	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.68	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.66	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.87	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.87	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.97	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.96	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.88	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.21	PASS



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Band5	10MHz	QPSK	20525	1RB#49	23.69	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.02	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.00	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.87	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.99	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.65	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.78	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.60	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.94	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.93	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.97	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.87	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.60	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.83	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.50	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.96	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.87	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.92	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.82	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.03	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.90	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.68	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.06	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.03	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.91	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.93	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.77	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.05	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.78	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.94	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.93	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.89	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.97	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.55	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.16	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.41	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.02	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.90	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.60	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.63	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.00	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.44	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.02	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.65	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.49	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.72	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.32	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.46	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.17	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.03	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.74	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.60	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.24	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.32	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.08	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.93	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.61	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.43	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.14	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.31	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.02	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.04	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.73	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.46	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.97	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.36	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.85	13	PASS



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Band5	5MHz	16QAM	20625	1RB#0	4.91	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.61	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.48	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.11	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.37	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.07	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.29	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.87	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.04	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.15	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.95	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.31	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.82	13	PASS



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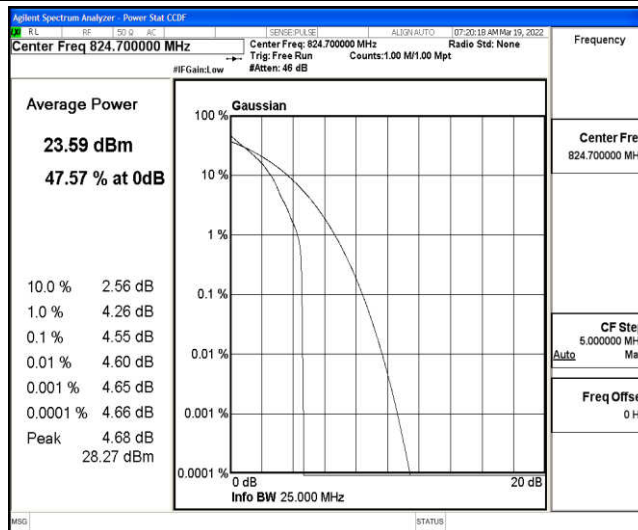
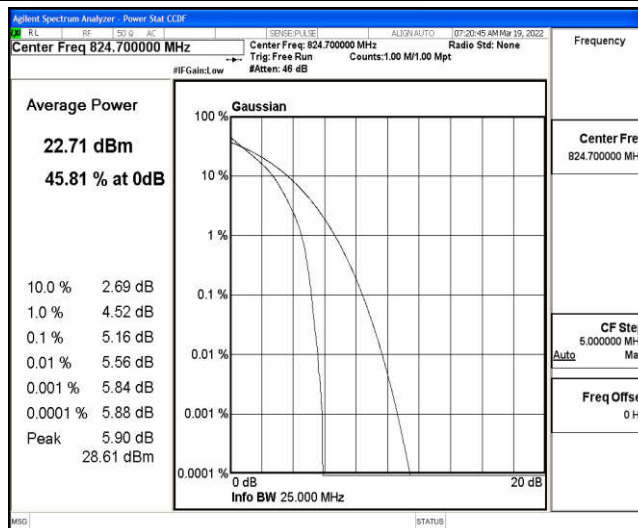
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Test Graphs

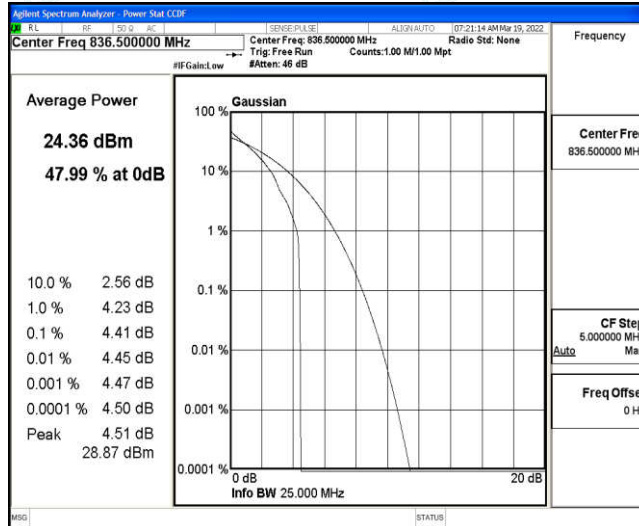
Band5-1.4MHz-QPSK-20407-1RB#0**Band5-1.4MHz-QPSK-20407-6RB#0****Band5-1.4MHz-QPSK-20525-1RB#0**

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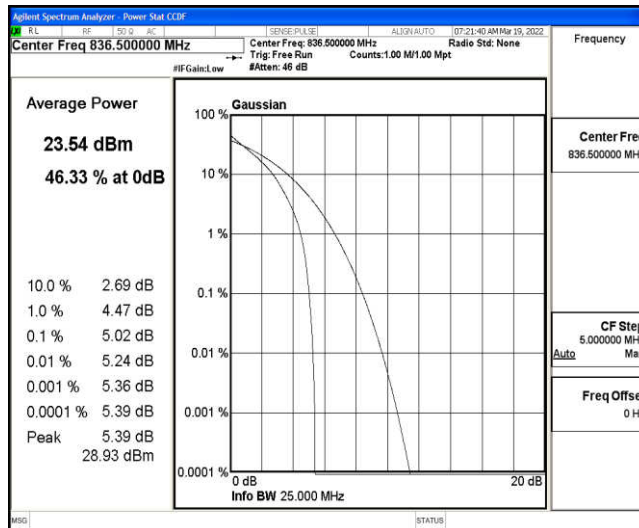
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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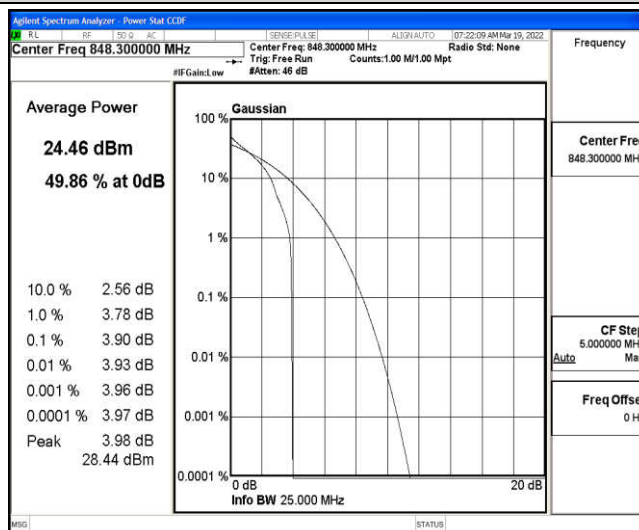
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Band5-1.4MHz-QPSK-20525-6RB#0



Band5-1.4MHz-QPSK-20643-1RB#0



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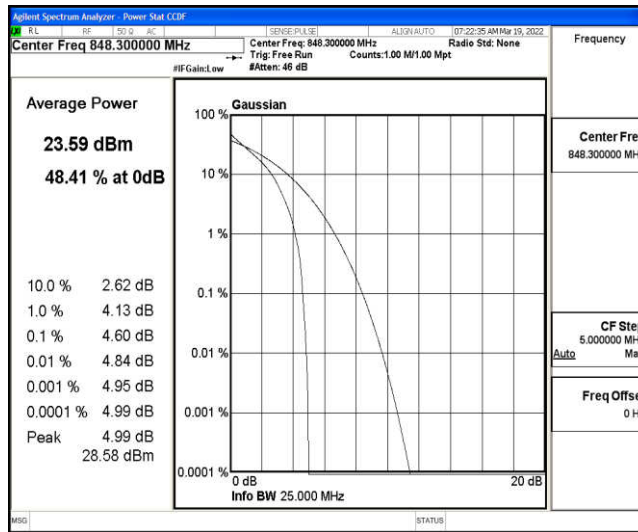
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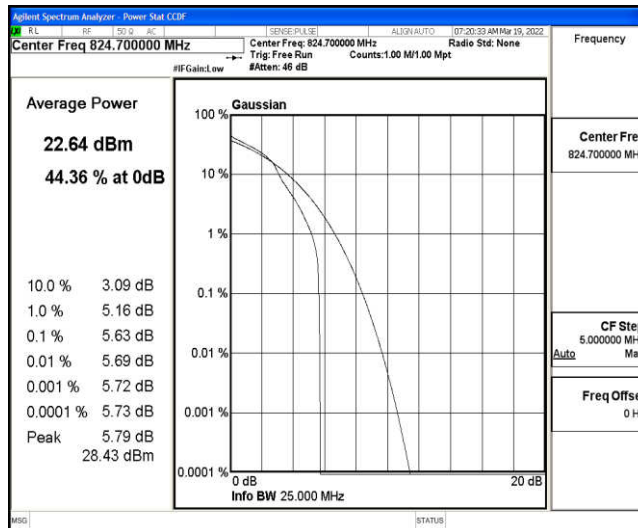
Scan code to check authenticity



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



Band5-1.4MHz-16QAM-20407-1RB#0



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

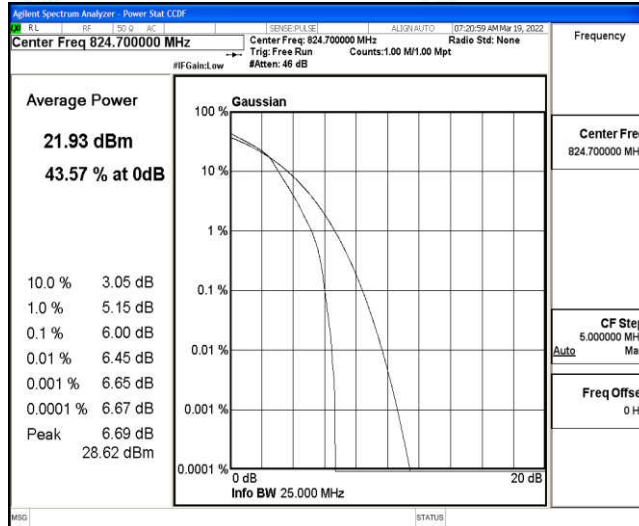


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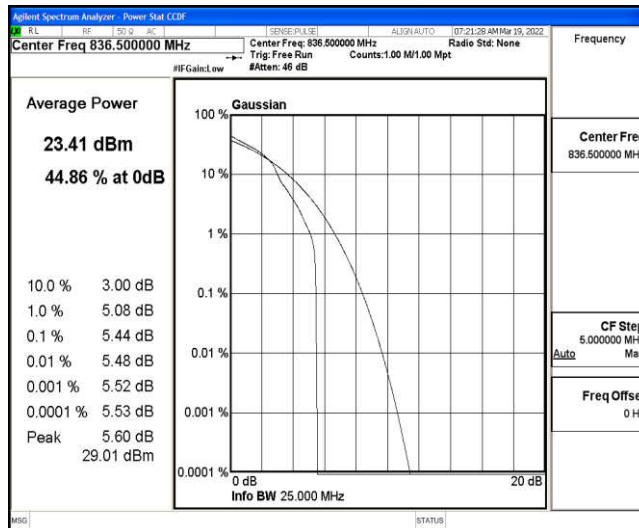
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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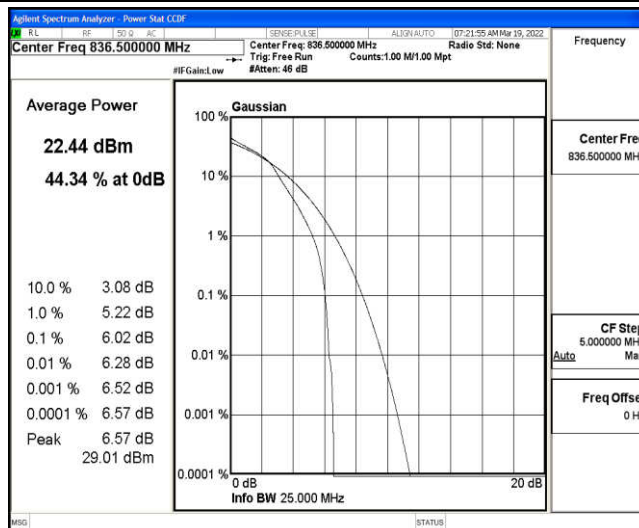
Scan code to check authenticity



Band5-1.4MHz-16QAM-20525-1RB#0



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



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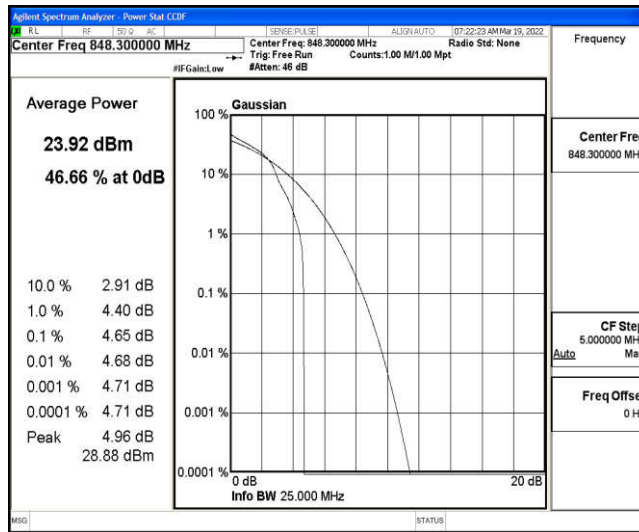
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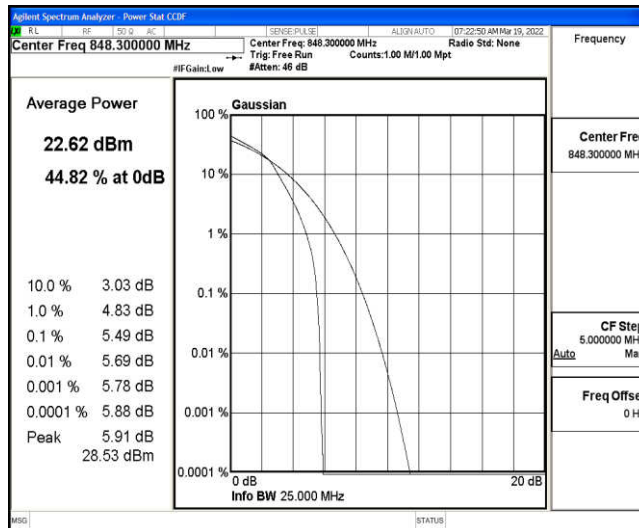
Scan code to check authenticity



Band5-1.4MHz-16QAM-20643-1RB#0



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



Band5-3MHz-QPSK-20415-1RB#0

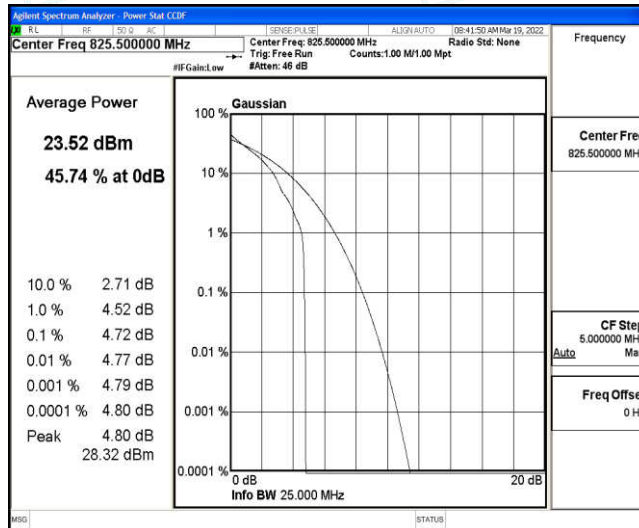


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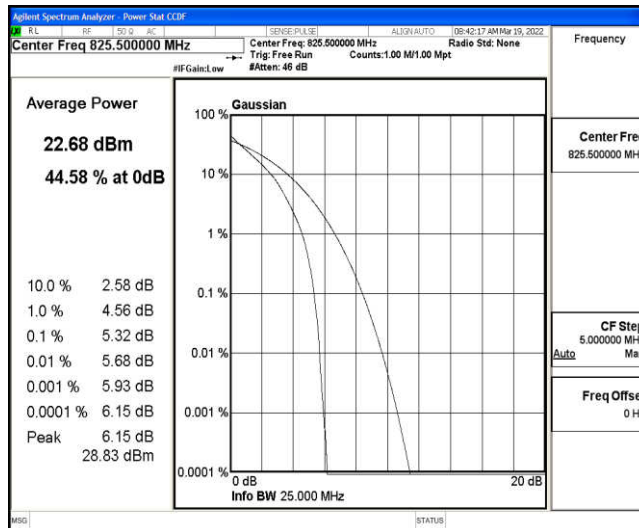
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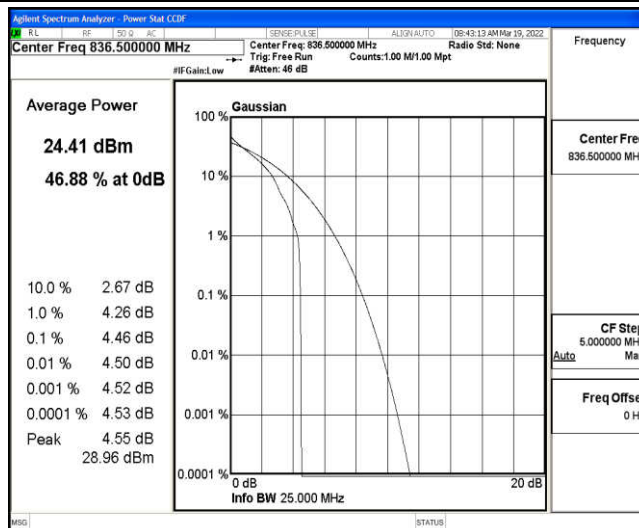
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Band5-3MHz-QPSK-20525-1RB#0



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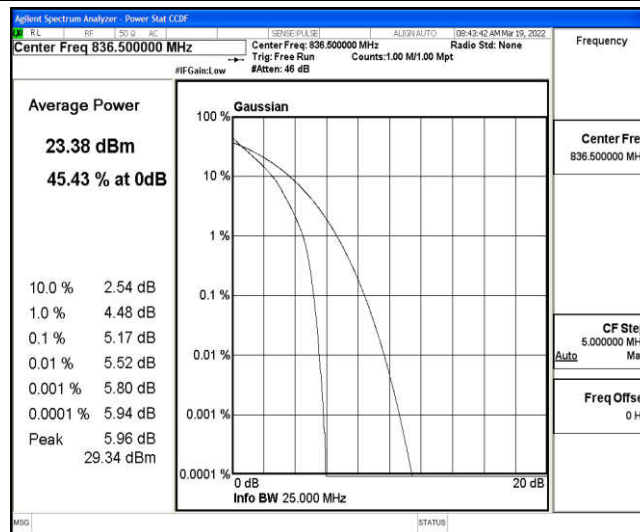
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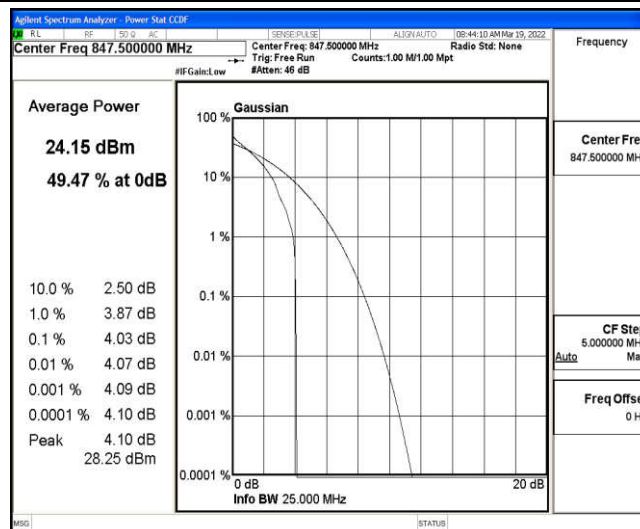
Scan code to check authenticity



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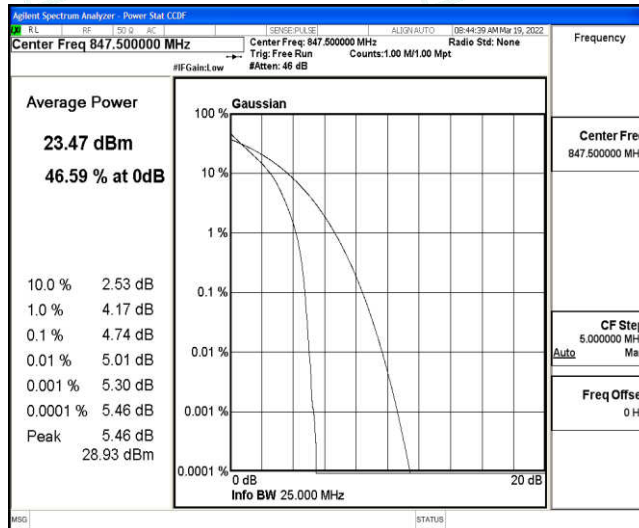


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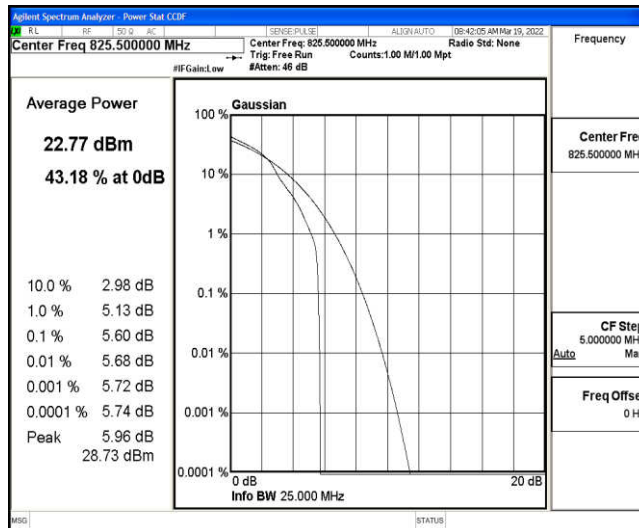
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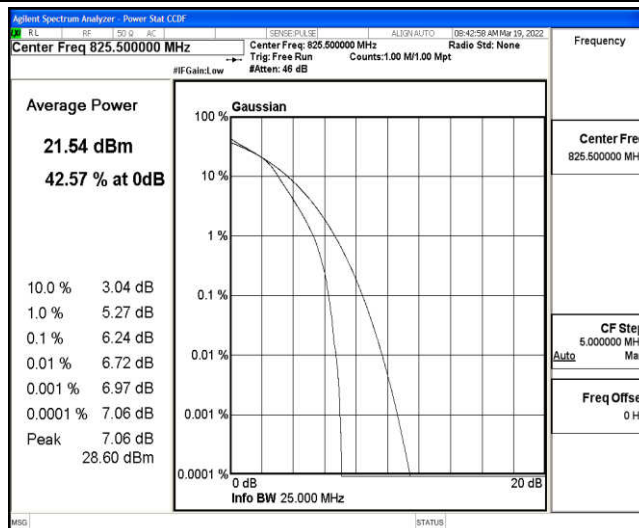
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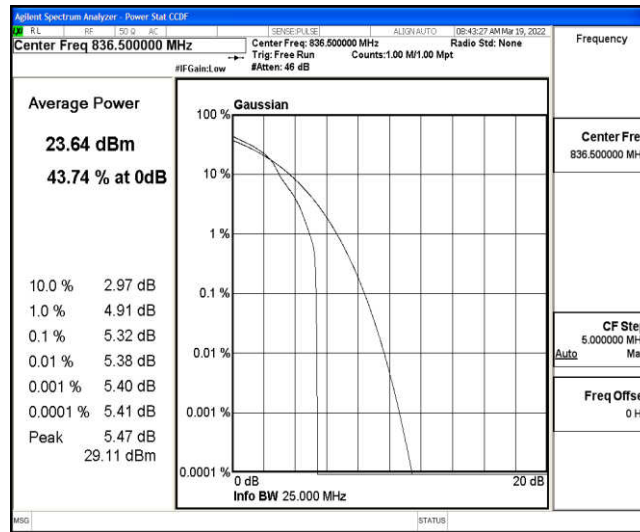
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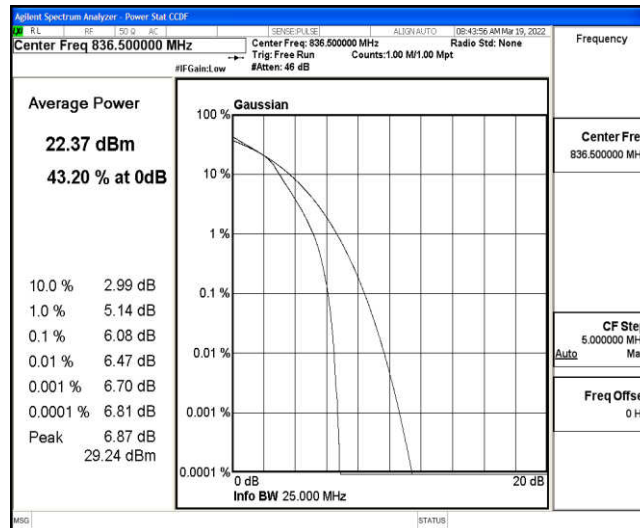
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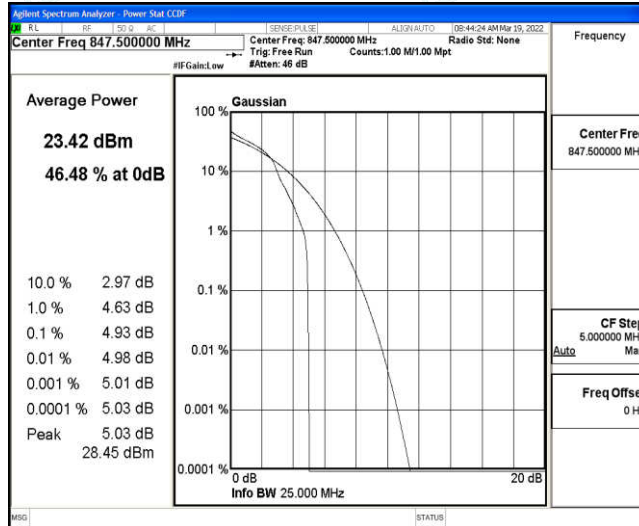


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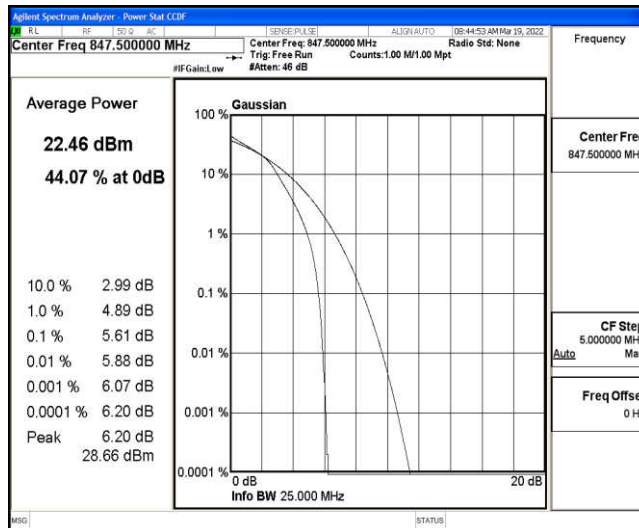
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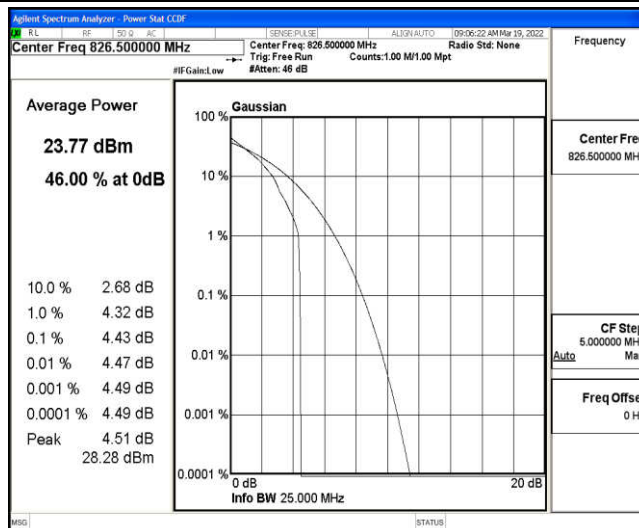
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Band5-3MHz-16QAM-20635-15RB#0



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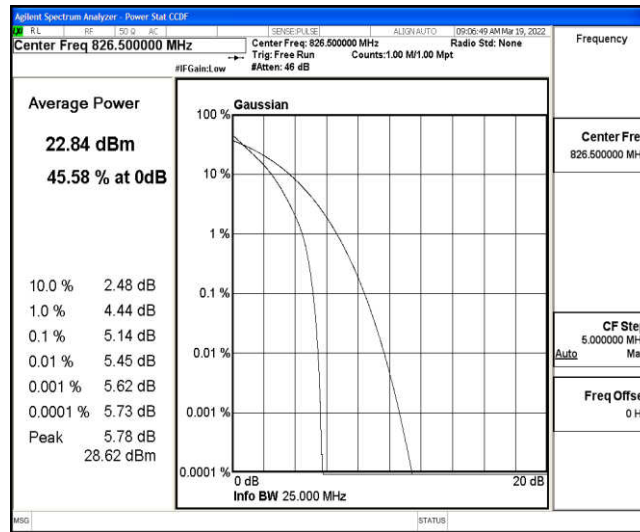
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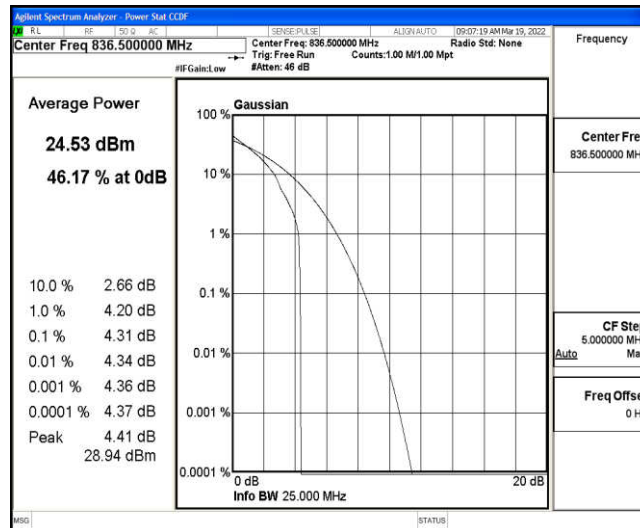
Scan code to check authenticity



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



Band5-5MHz-QPSK-20525-1RB#0



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

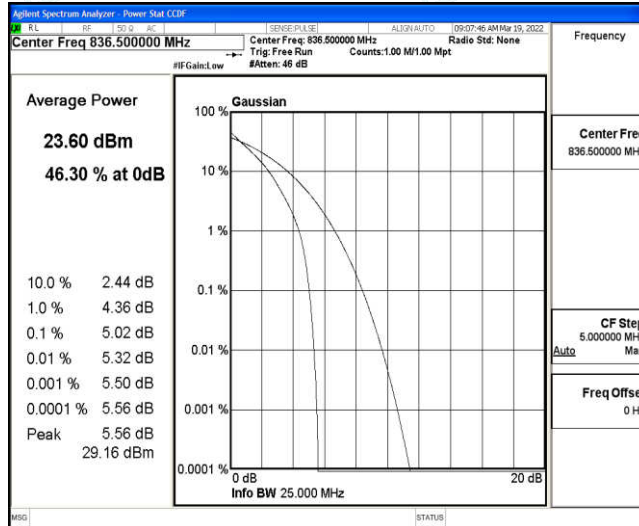


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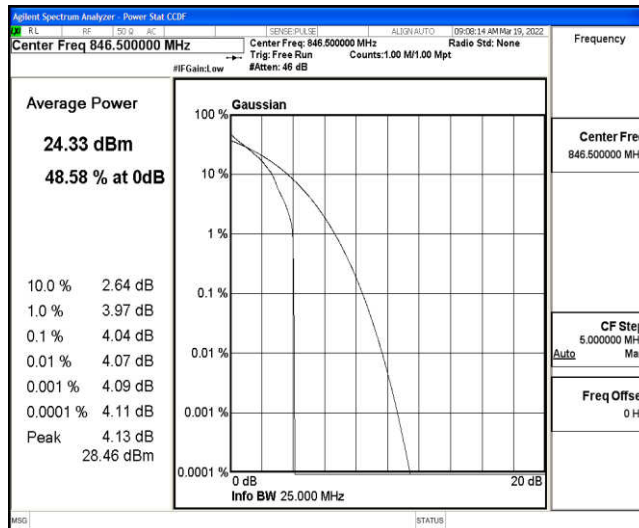
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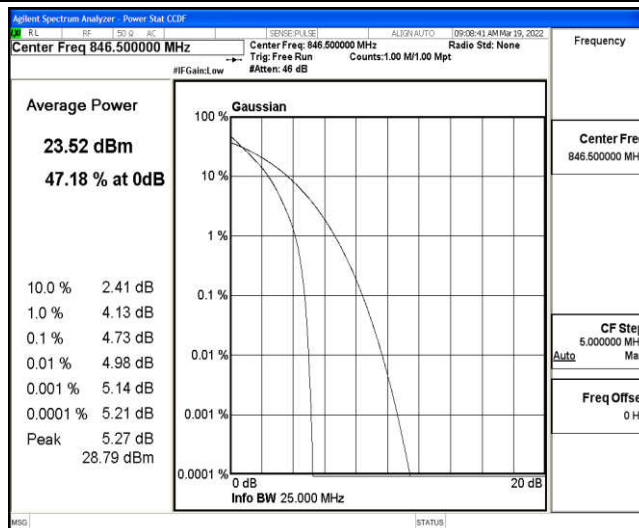
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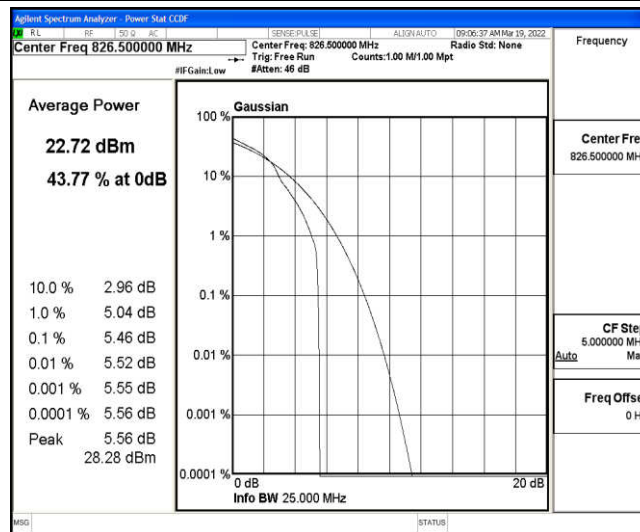
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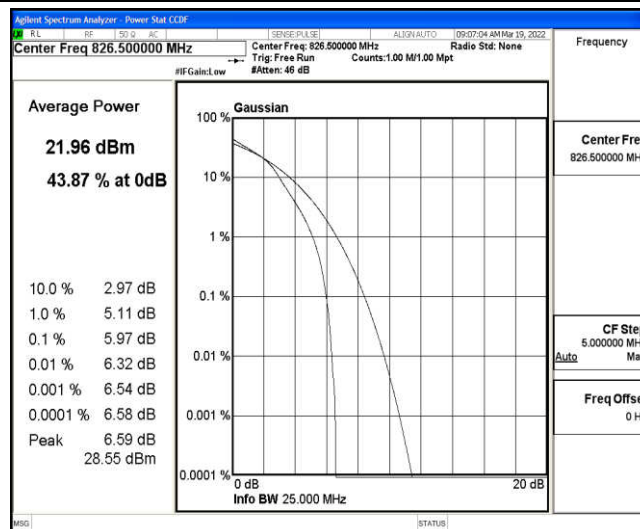
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Band5-5MHz-16QAM-20425-1RB#0



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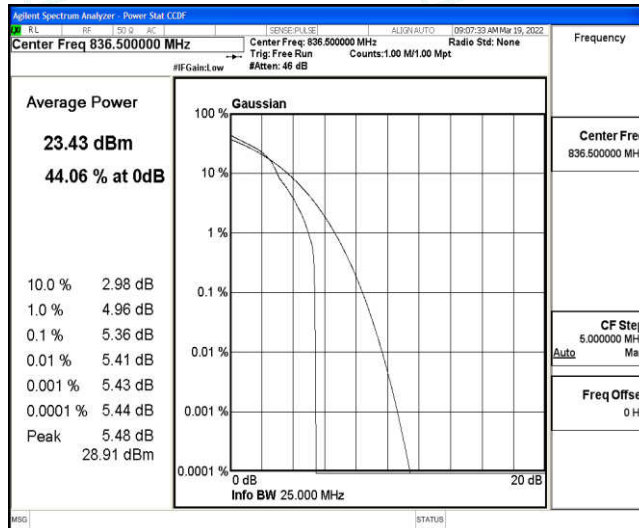


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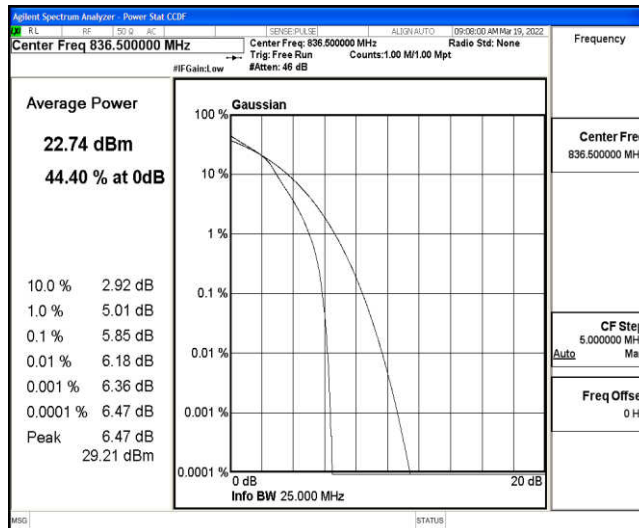
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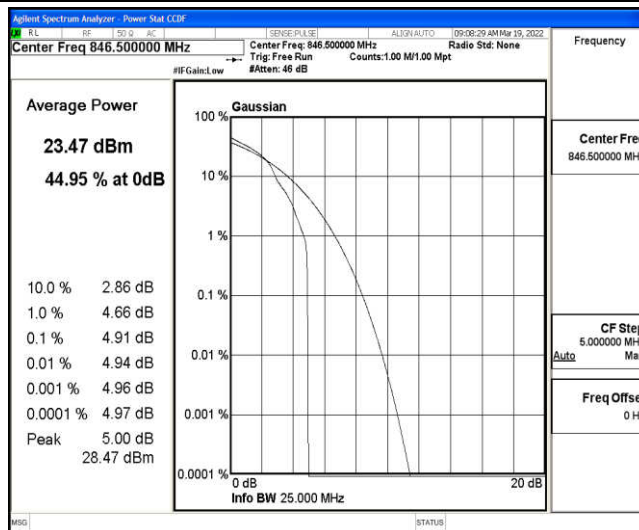
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Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-1RB#0



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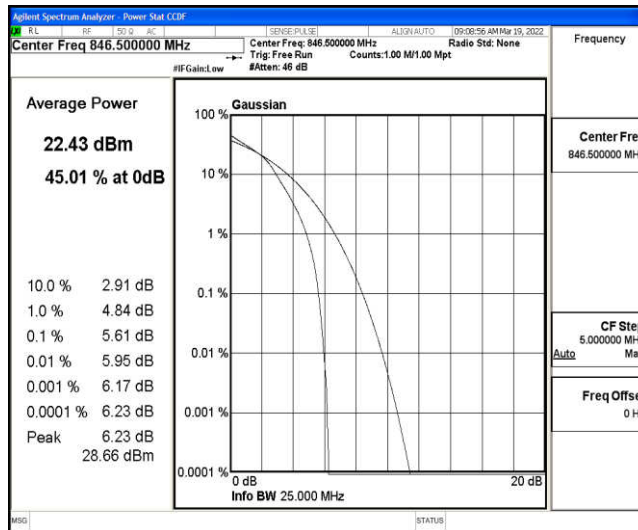
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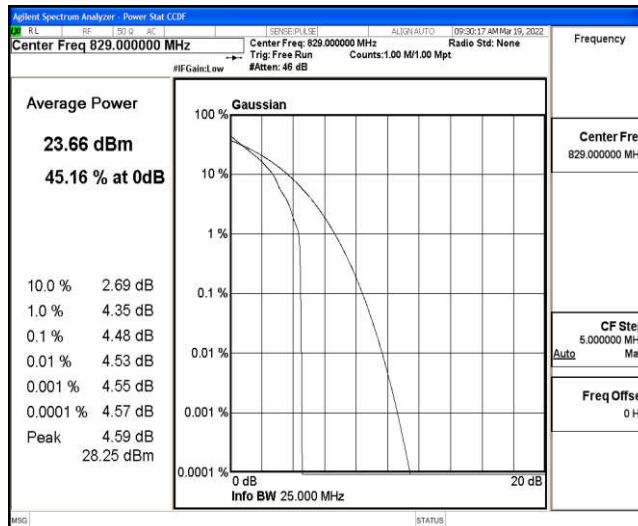
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Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-1RB#0



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

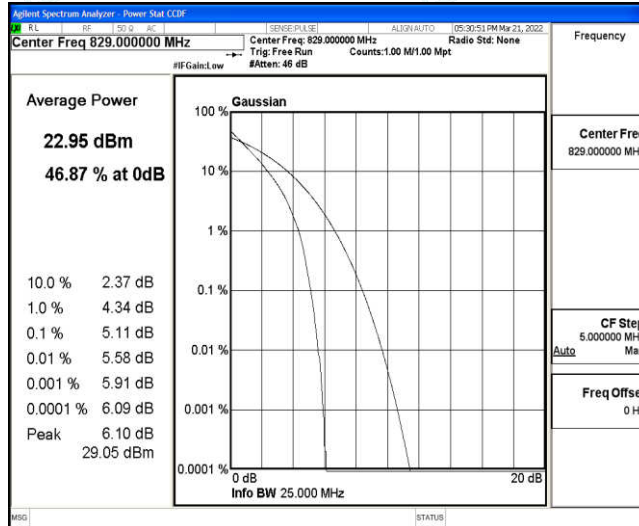


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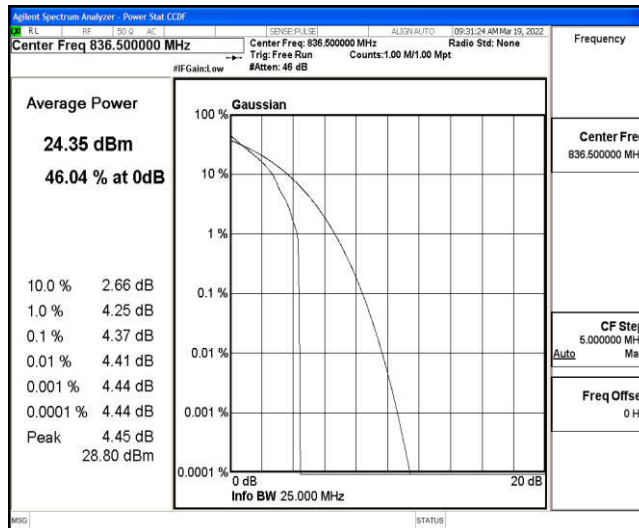
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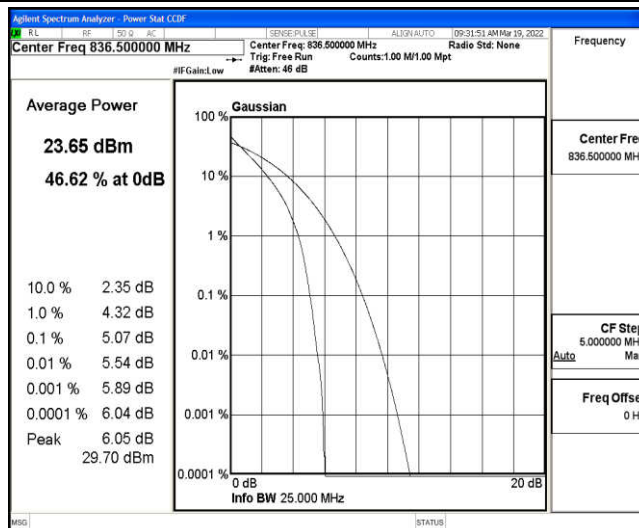
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Band5-10MHz-QPSK-20525-1RB#0



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



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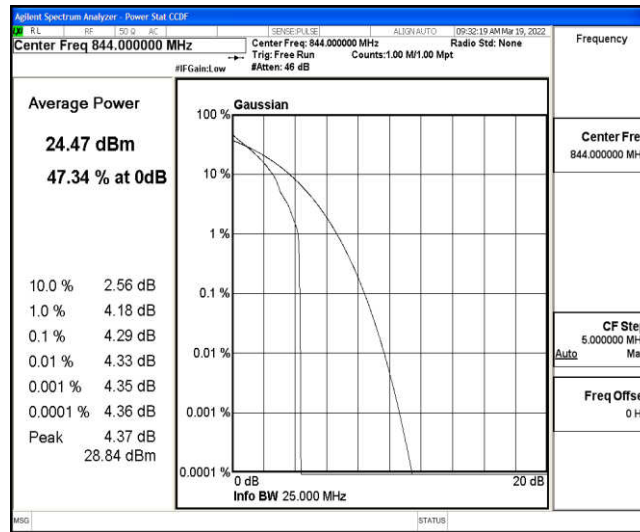
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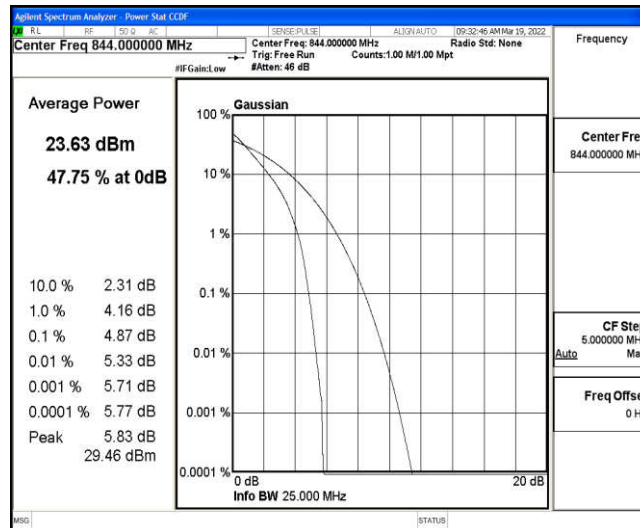
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Band5-10MHz-QPSK-20600-1RB#0



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



Band5-10MHz-16QAM-20450-1RB#0

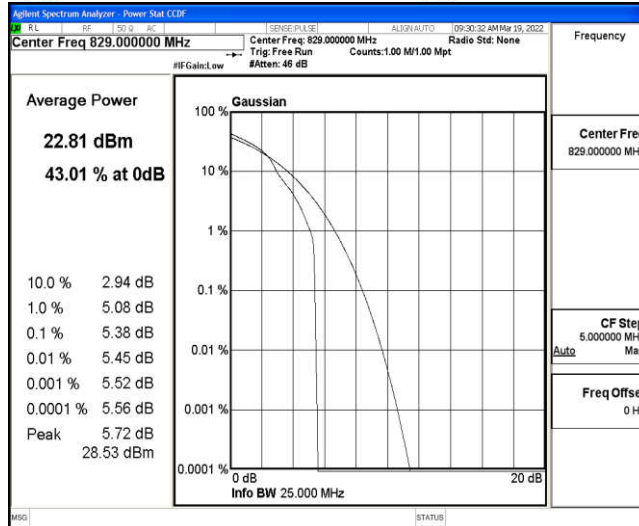


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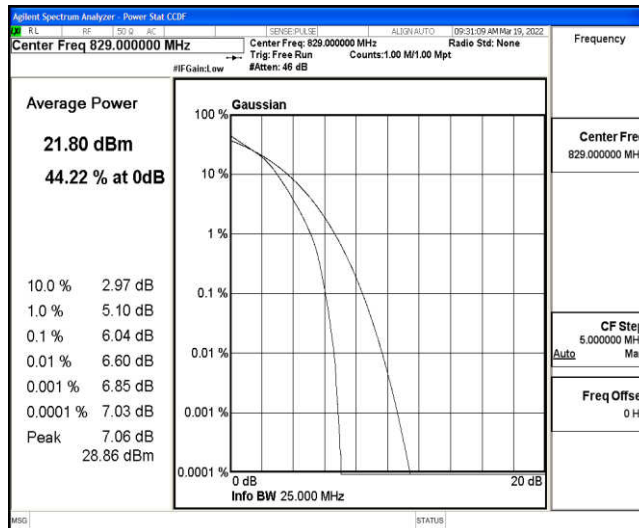
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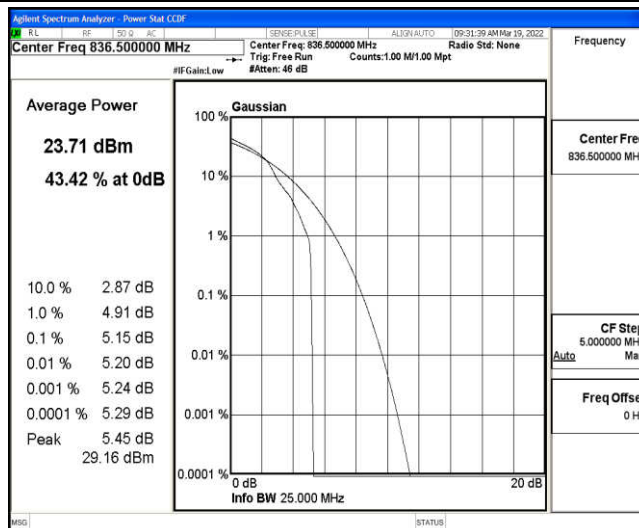
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Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-1RB#0



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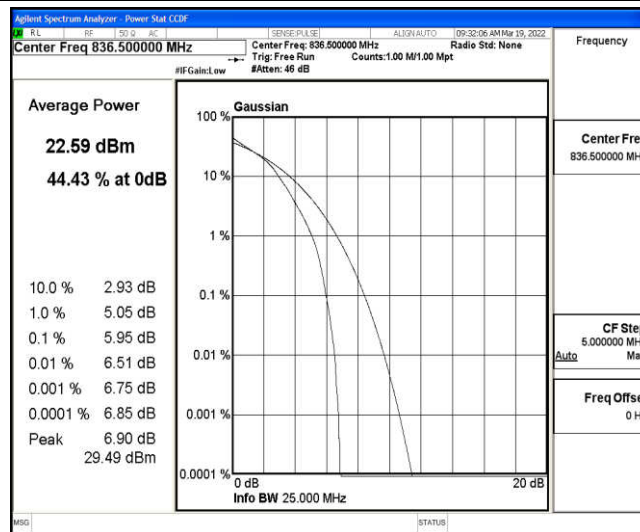
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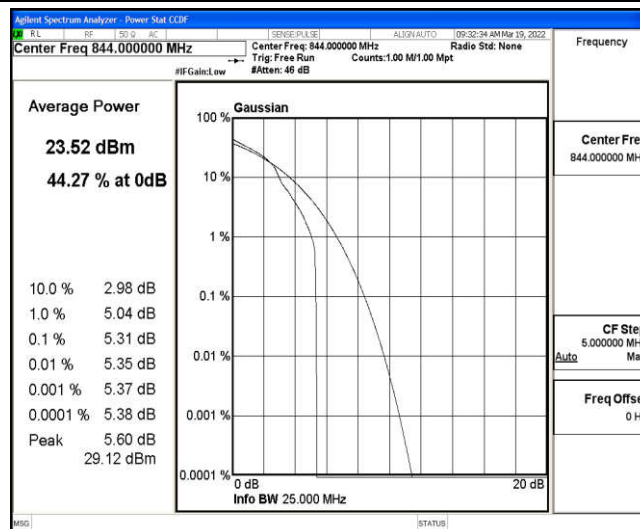
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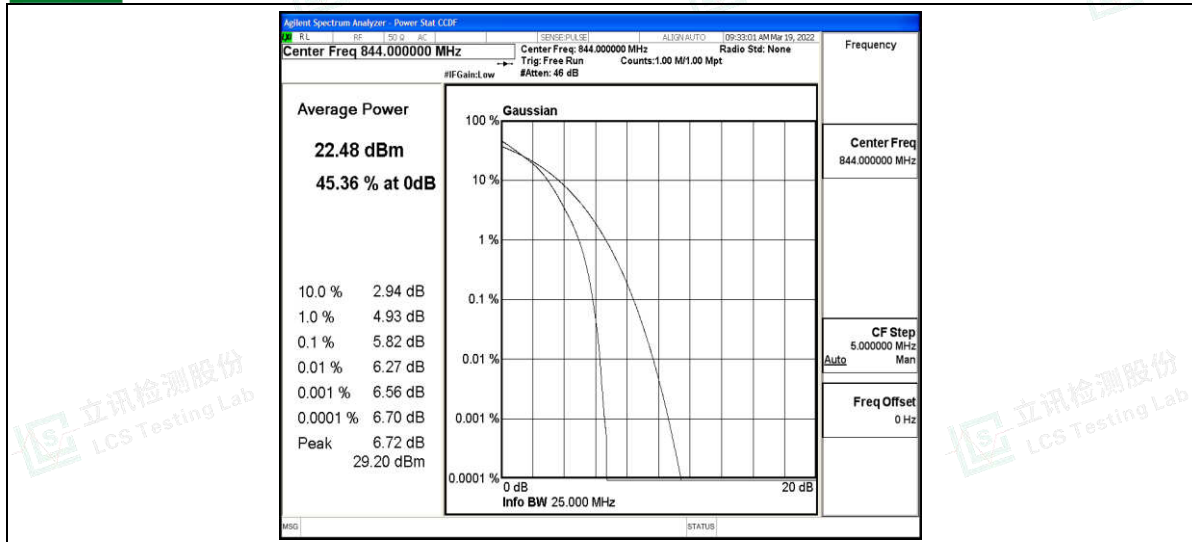


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C.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0961	1.287	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0911	1.289	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0940	1.274	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0926	1.289	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0972	1.290	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0924	1.279	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6975	2.967	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6962	2.991	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6949	2.955	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6833	2.944	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6829	2.958	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6894	2.962	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5094	5.030	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5127	4.997	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4954	4.978	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5123	4.993	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5033	4.976	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5061	5.017	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9521	9.887	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9620	9.924	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9568	9.819	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9845	9.835	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9591	9.828	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9673	9.817	PASS



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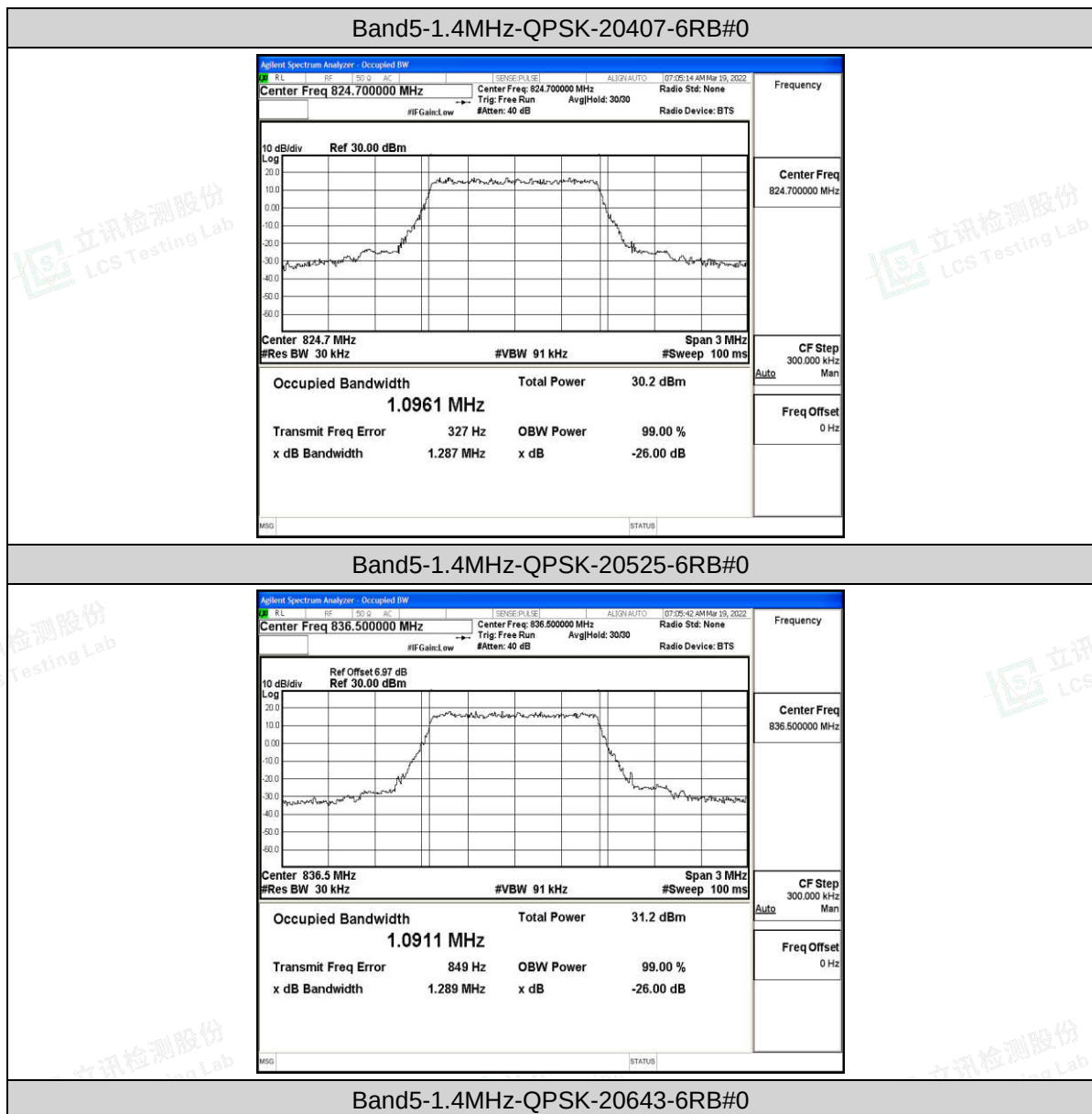
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Test Graphs

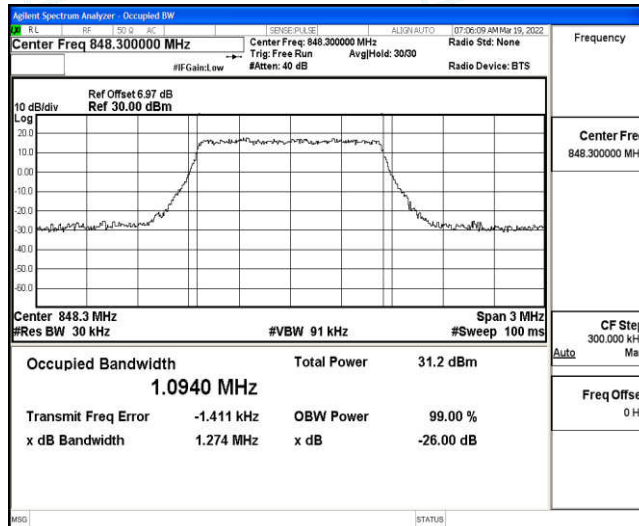


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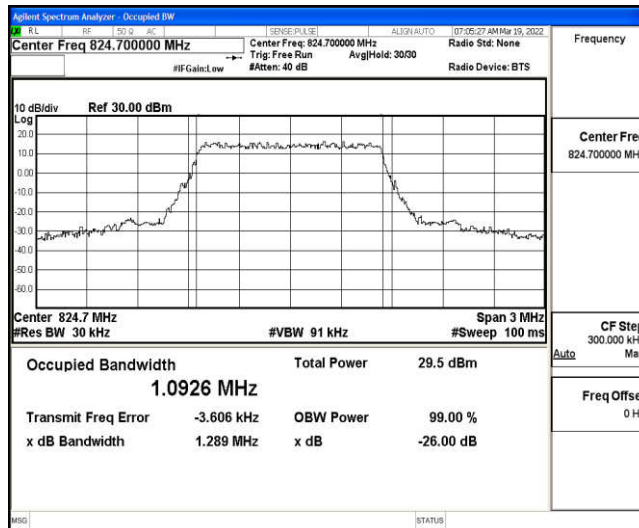
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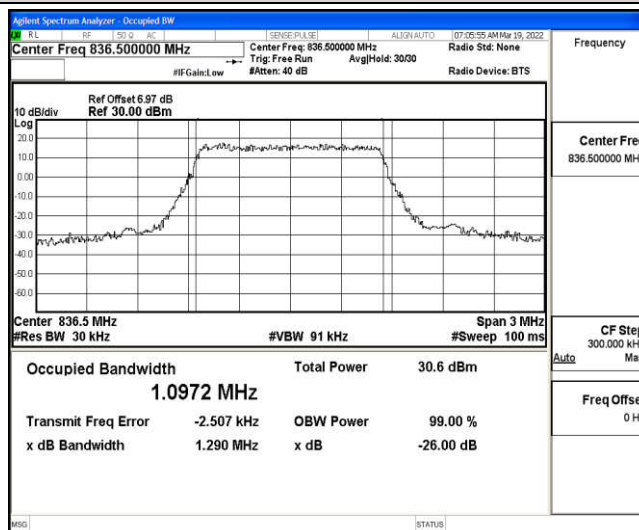
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Band5-1.4MHz-16QAM-20407-6RB#0



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



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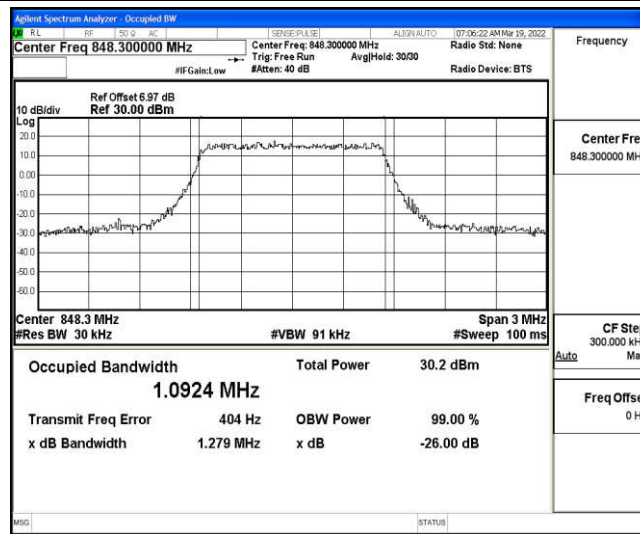
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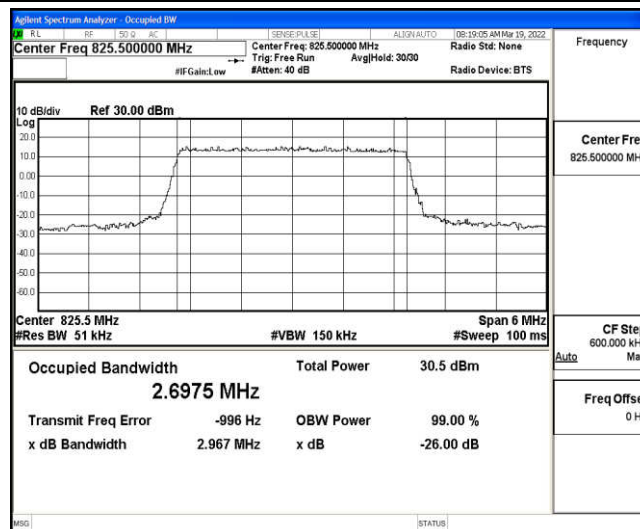
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Band5-1.4MHz-16QAM-20643-6RB#0



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



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

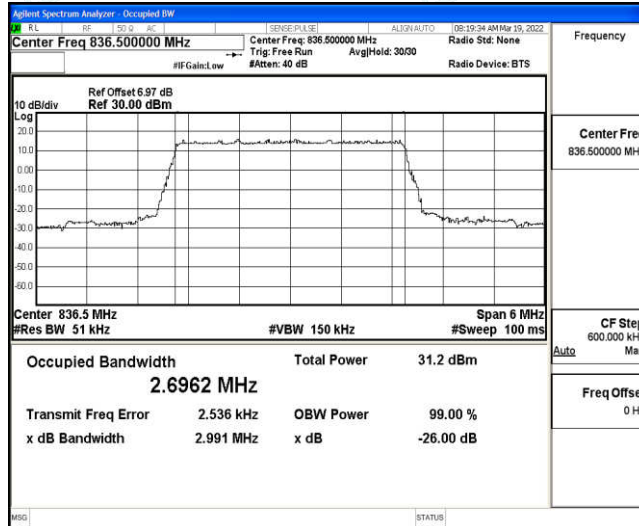


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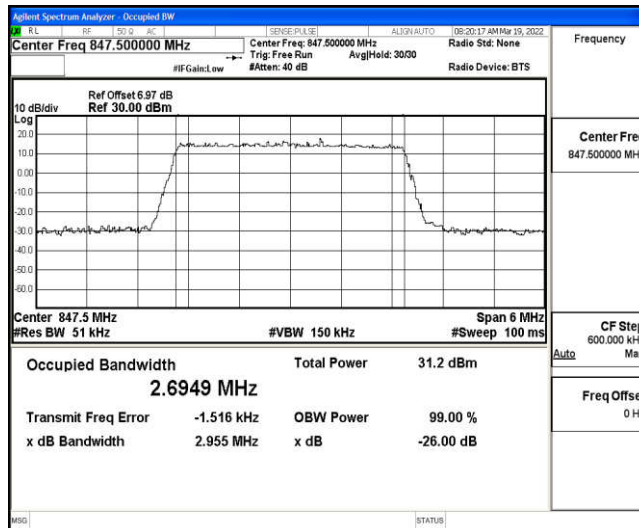
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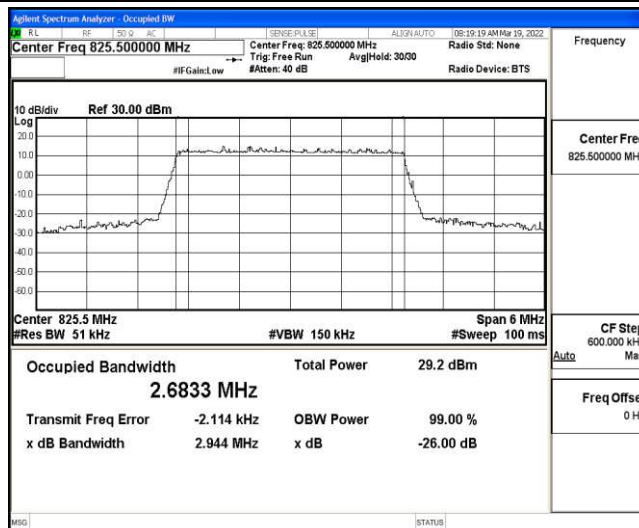
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Band5-3MHz-QPSK-20635-15RB#0



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



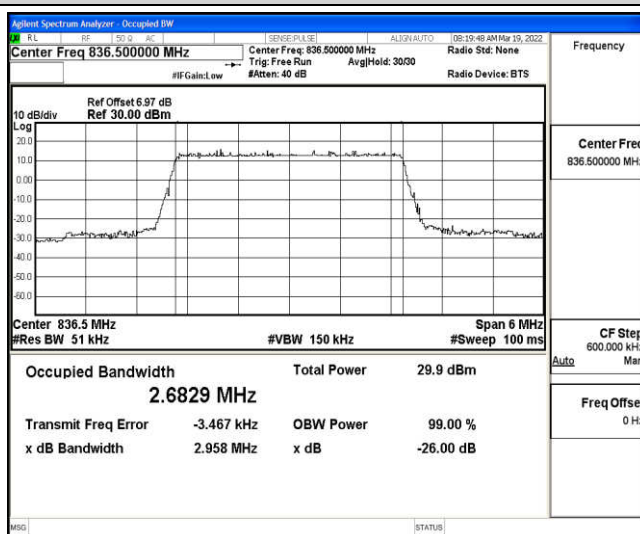
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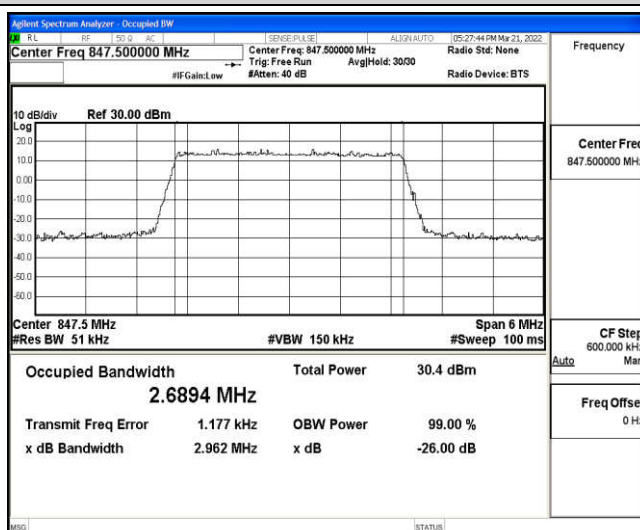
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Band5-3MHz-16QAM-20525-15RB#0



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



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

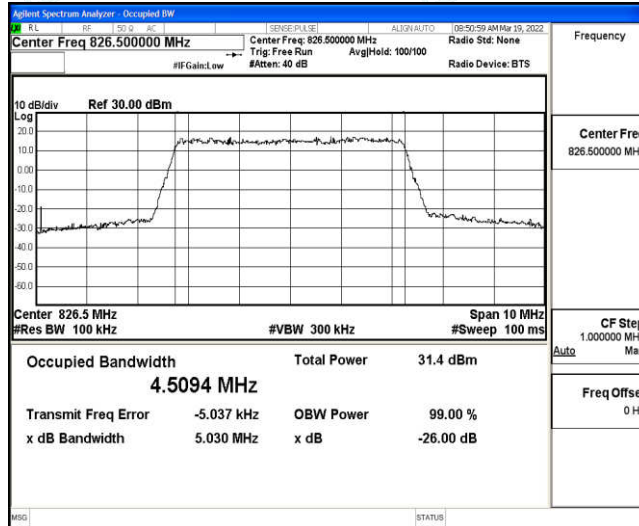


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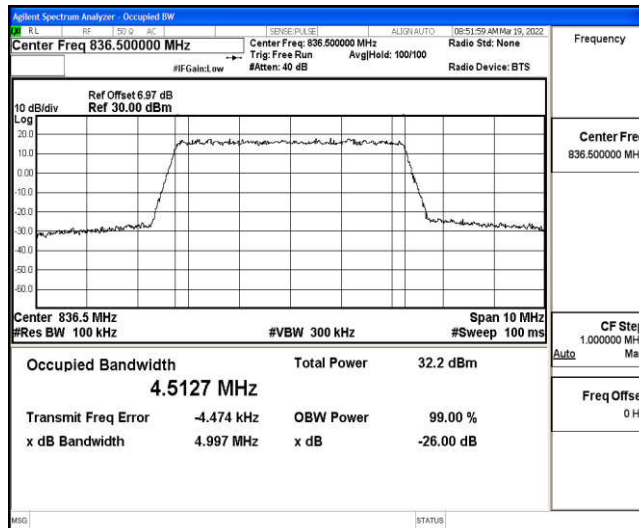
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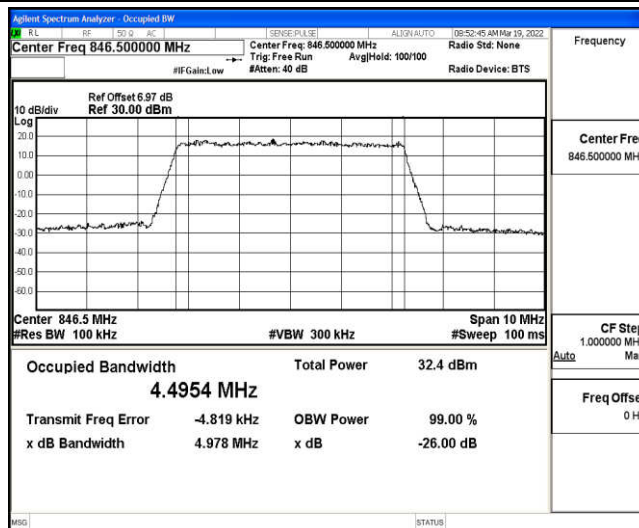
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Band5-5MHz-QPSK-20525-25RB#0



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



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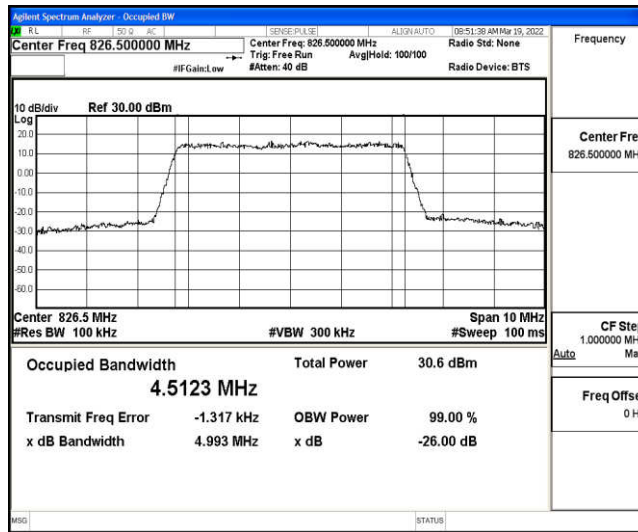
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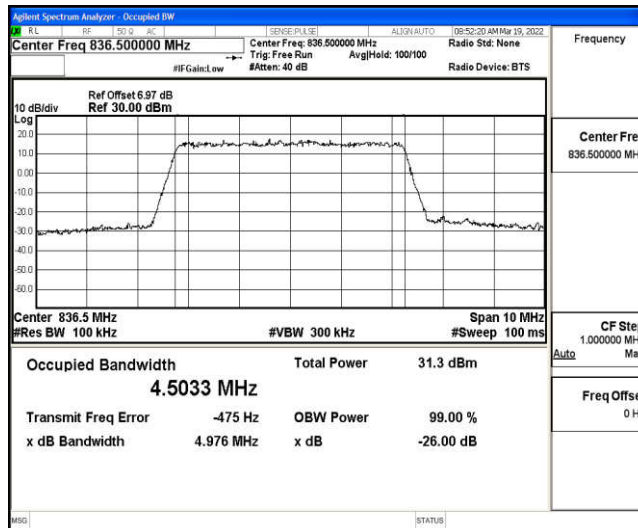
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Band5-5MHz-16QAM-20425-25RB#0



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



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

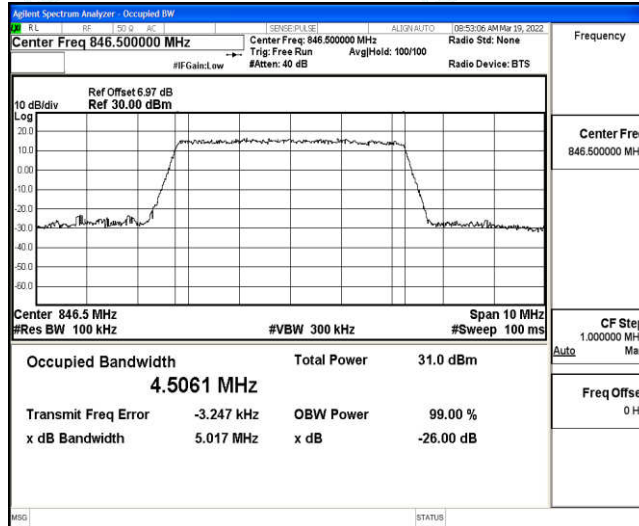


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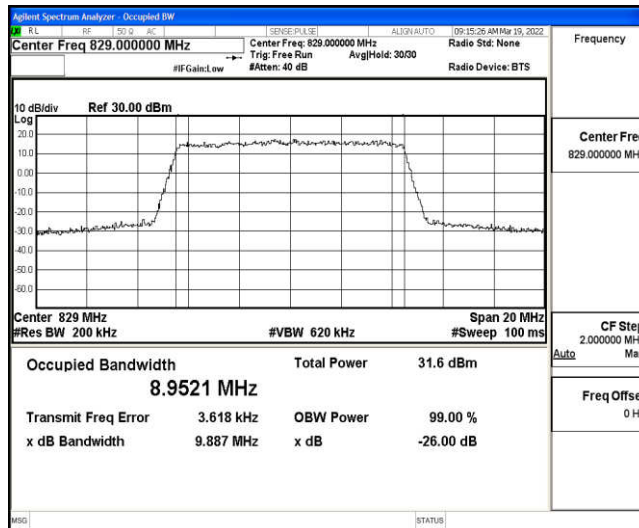
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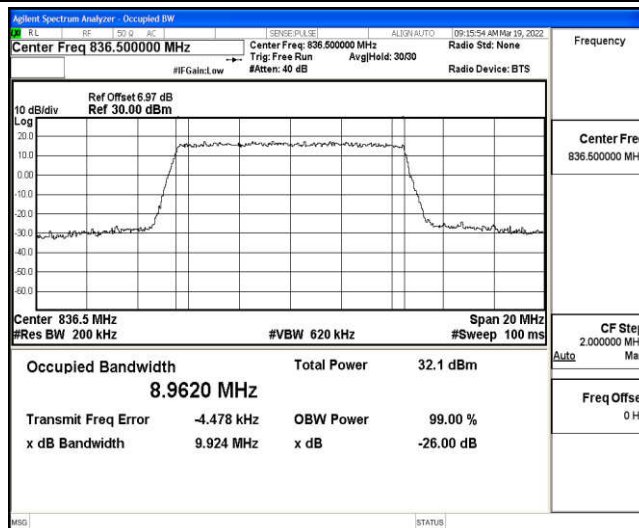
Scan code to check authenticity



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



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



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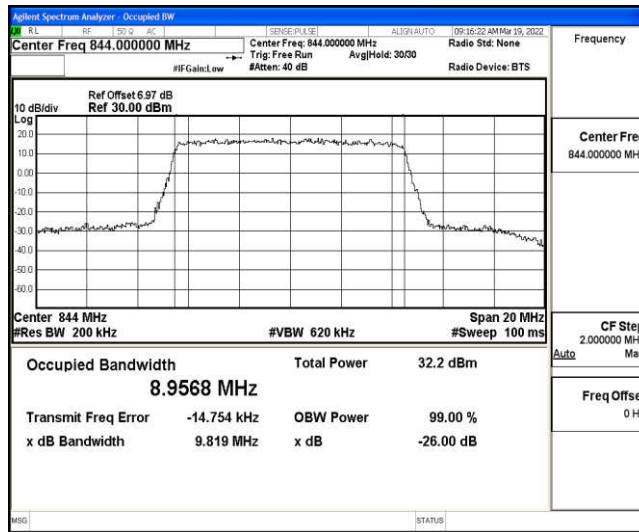
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

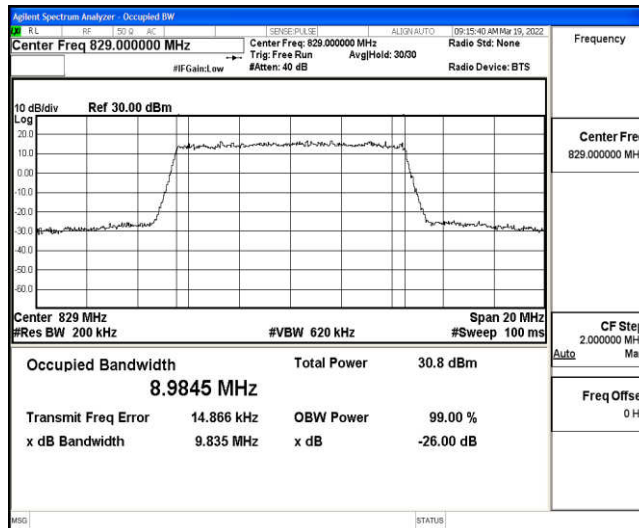
Scan code to check authenticity



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



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



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

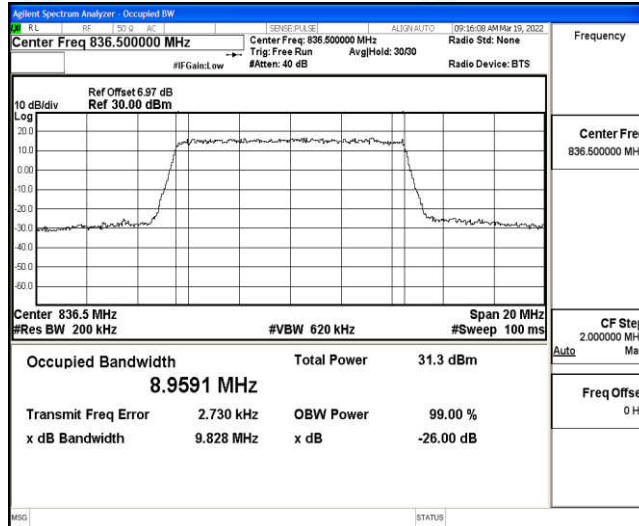


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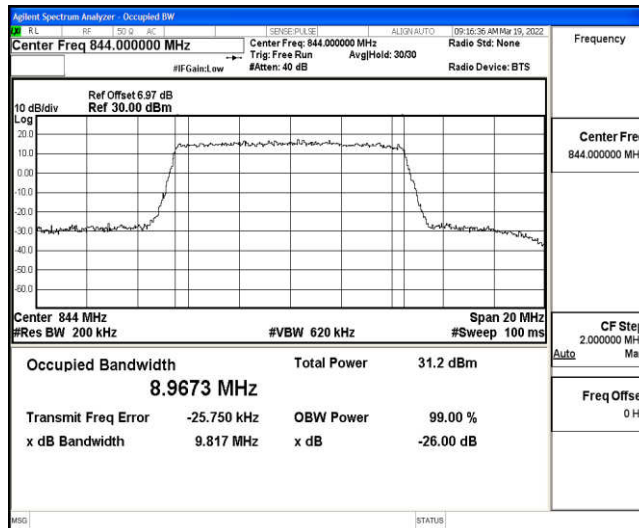
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Band5-10MHz-16QAM-20600-50RB#0



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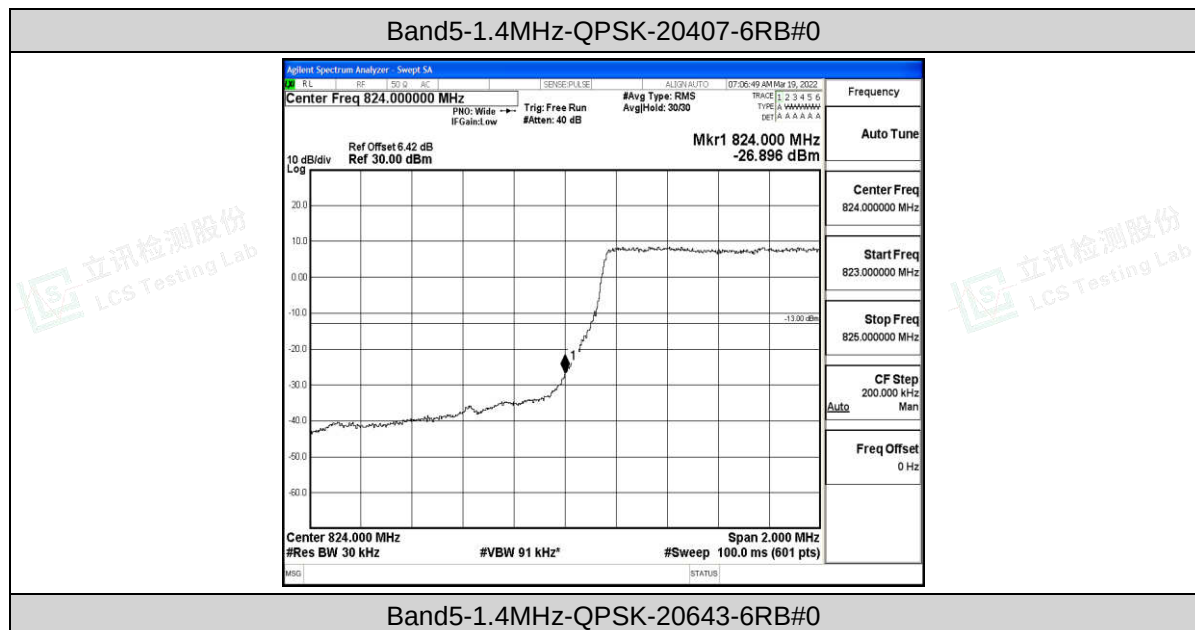


C.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-26.90	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-26.66	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-28.53	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-27.95	PASS
Band5	3MHz	QPSK	20415	15RB#0	-24.94	PASS
Band5	3MHz	QPSK	20635	15RB#0	-25.69	PASS
Band5	3MHz	16QAM	20415	15RB#0	-26.49	PASS
Band5	3MHz	16QAM	20635	15RB#0	-28.26	PASS
Band5	5MHz	QPSK	20425	25RB#0	-24.57	PASS
Band5	5MHz	QPSK	20625	25RB#0	-25.57	PASS
Band5	5MHz	16QAM	20425	25RB#0	-26.31	PASS
Band5	5MHz	16QAM	20625	25RB#0	-26.00	PASS
Band5	10MHz	QPSK	20450	50RB#0	-28.91	PASS
Band5	10MHz	QPSK	20600	50RB#0	-29.10	PASS
Band5	10MHz	16QAM	20450	50RB#0	-30.08	PASS
Band5	10MHz	16QAM	20600	50RB#0	-29.86	PASS

Test Graphs

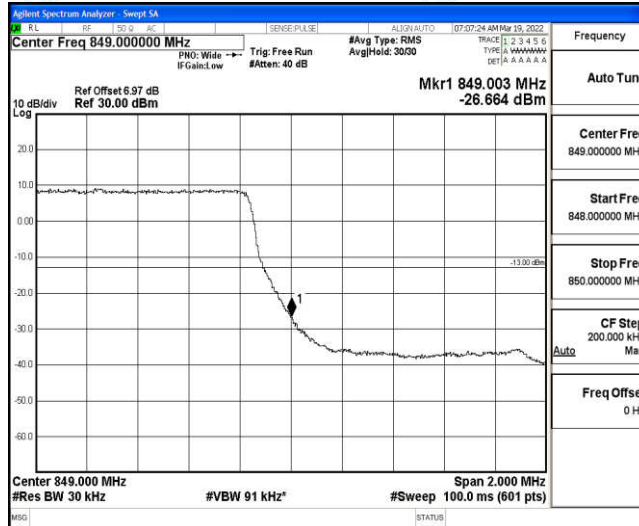


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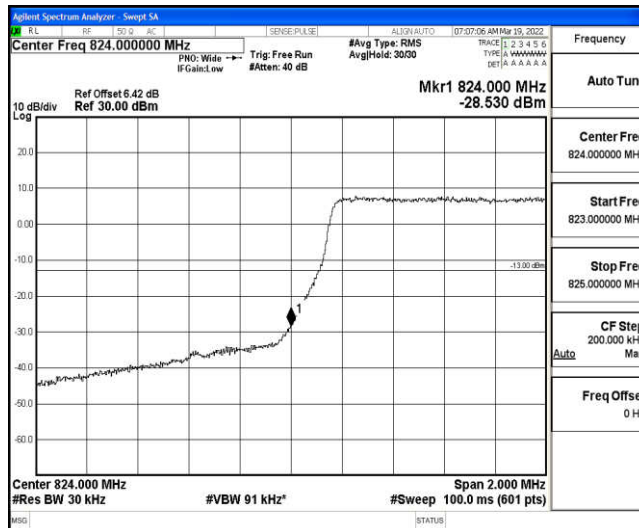
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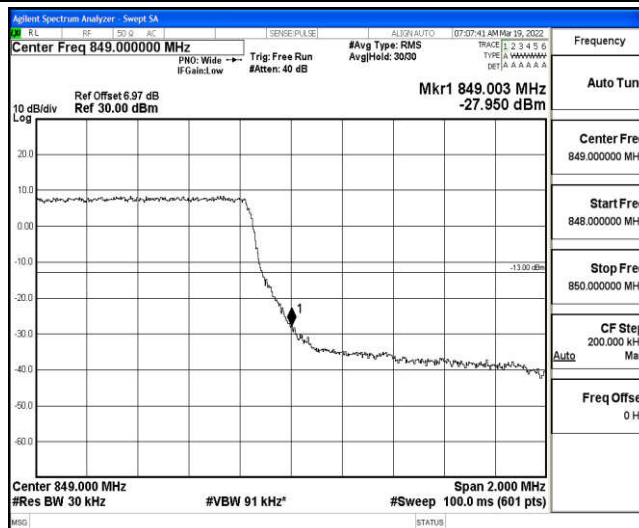
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Band5-1.4MHz-16QAM-20407-6RB#0



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



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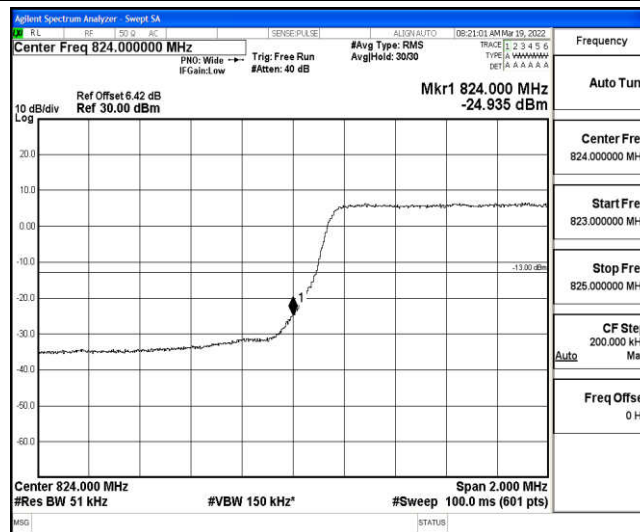
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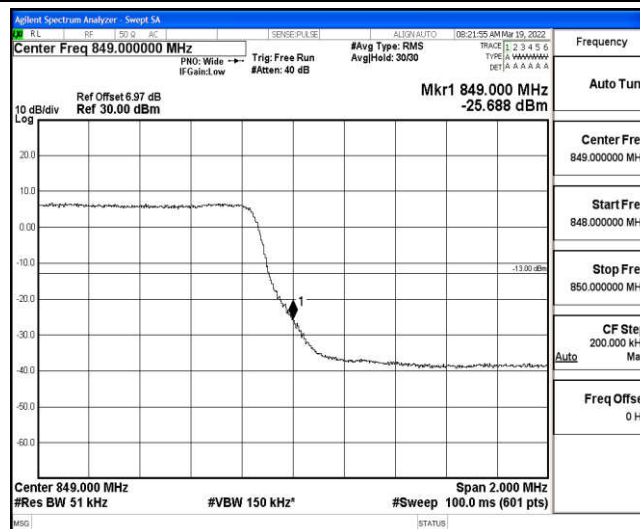
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Band5-3MHz-QPSK-20415-15RB#0



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



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

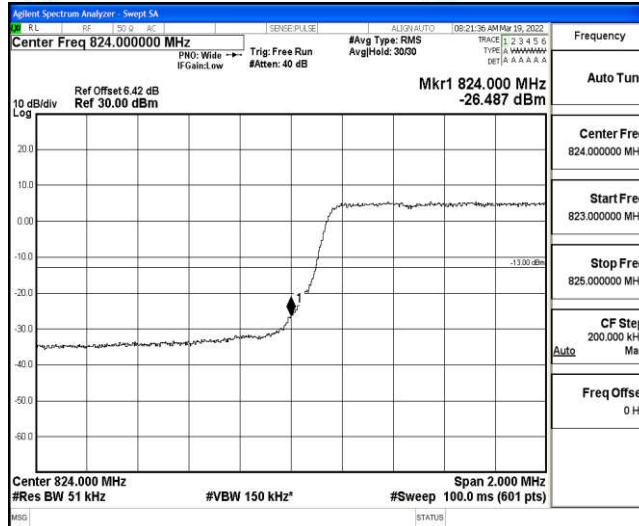


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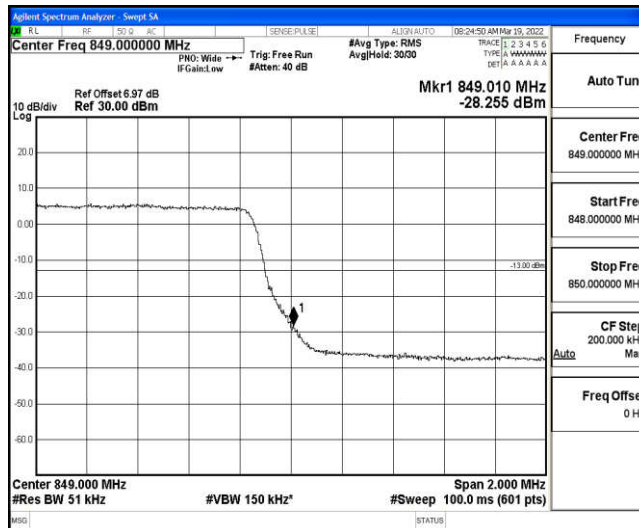
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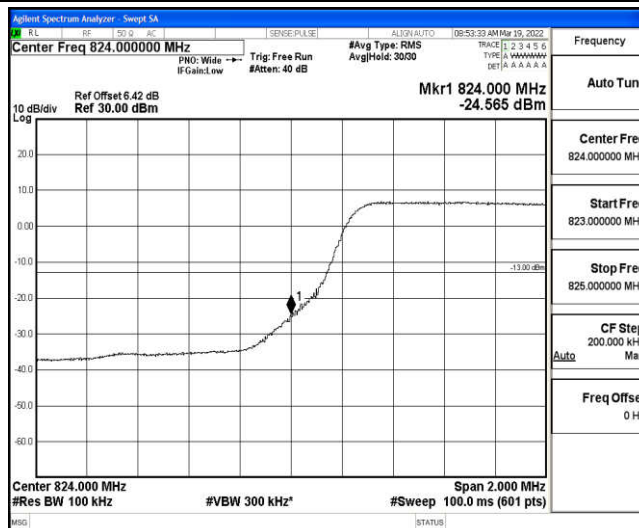
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Band5-3MHz-16QAM-20635-15RB#0



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



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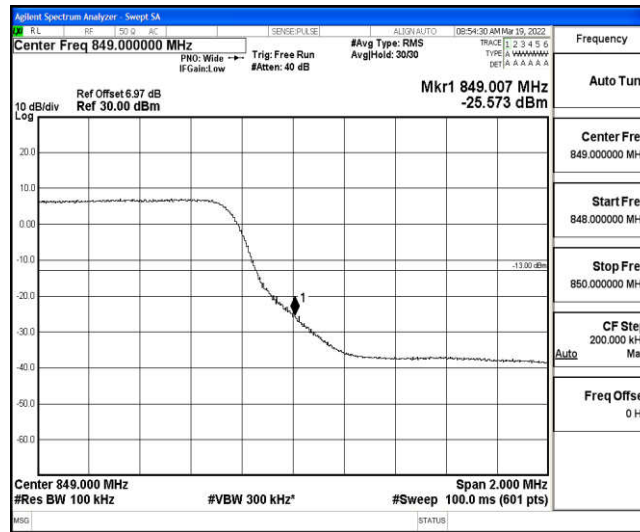
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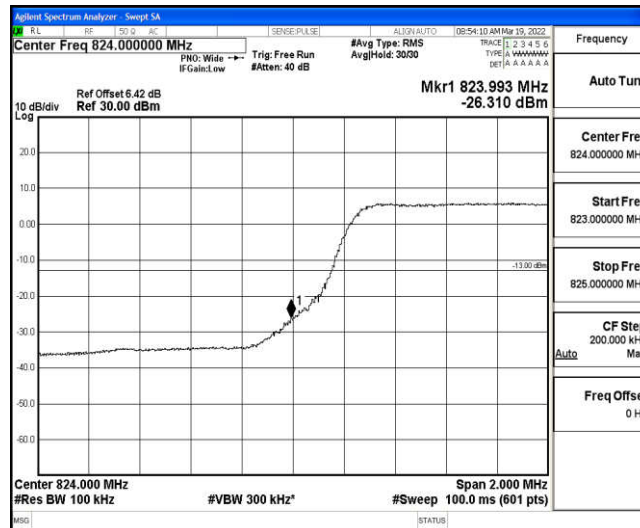
Scan code to check authenticity



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



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



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

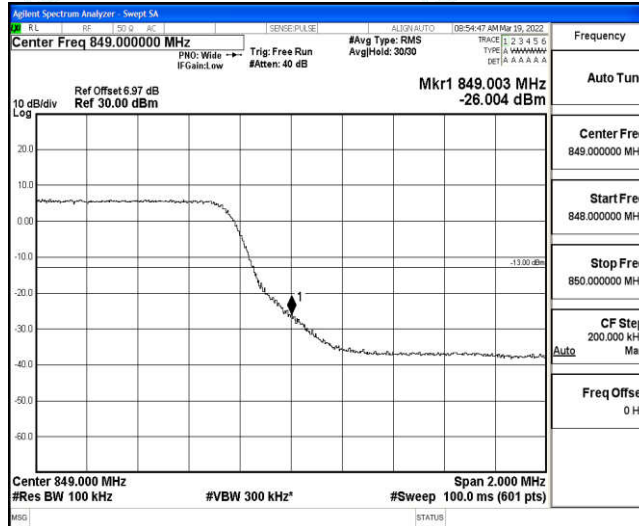


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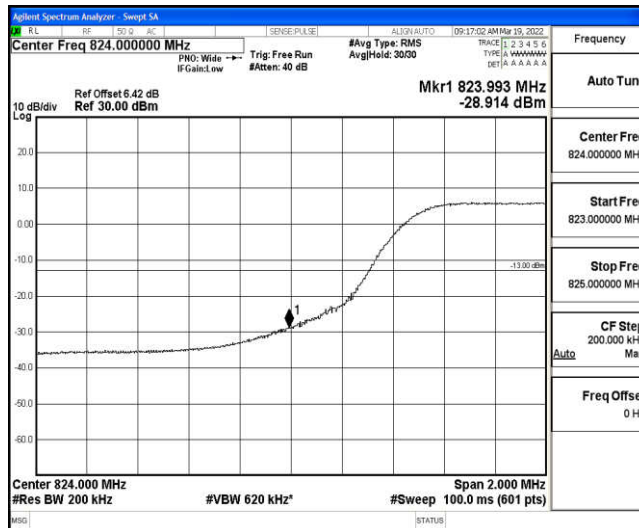
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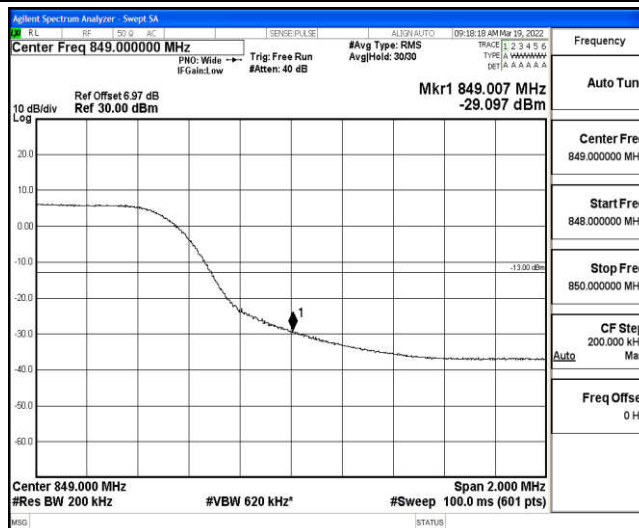
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Band5-10MHz-QPSK-20450-50RB#0



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



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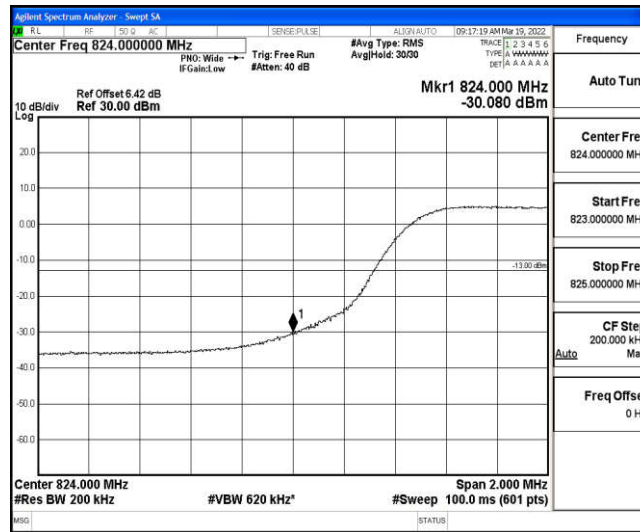
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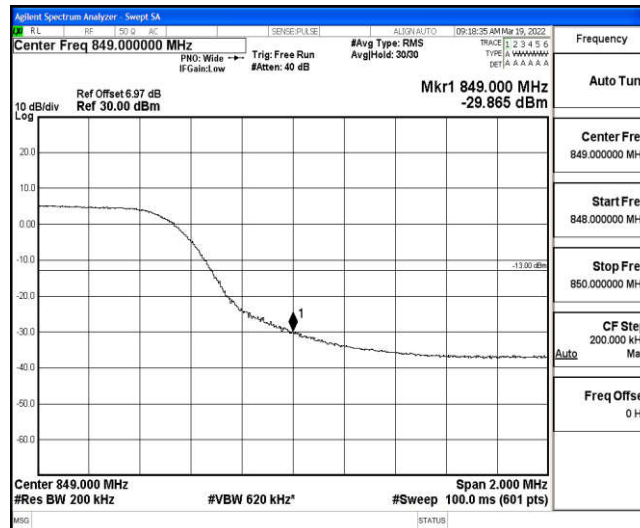
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Band5-10MHz-16QAM-20450-50RB#0



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



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C.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	-54.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-51.34	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-40.94	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-44.34	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.8	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-39.89	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-55.71	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-50.83	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-40.68	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-44.41	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-53.47	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-50.48	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-40.36	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-44.54	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.86	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.5	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.51	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-52.61	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-51.13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-40.26	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-44.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-54.28	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-51.08	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-40.57	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-44.49	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.81	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-50.83	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.22	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.39	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-55.4	PASS



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Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-51.91	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-40.56	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-44.58	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-55.54	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-50.9	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-40.48	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-44.55	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.91	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.95	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-39.9	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.57	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-55.68	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-50.42	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-41.01	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-44.63	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-53.63	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-48.68	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-40.94	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-44.4	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.63	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-50.9	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.76	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.55	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-54.05	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-50.42	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-40.3	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-44.58	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-55.24	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-50.93	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-40	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-44.49	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.39	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.68	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.61	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.51	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-53.14	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-50.12	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-39.81	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-44.56	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-54.83	PASS



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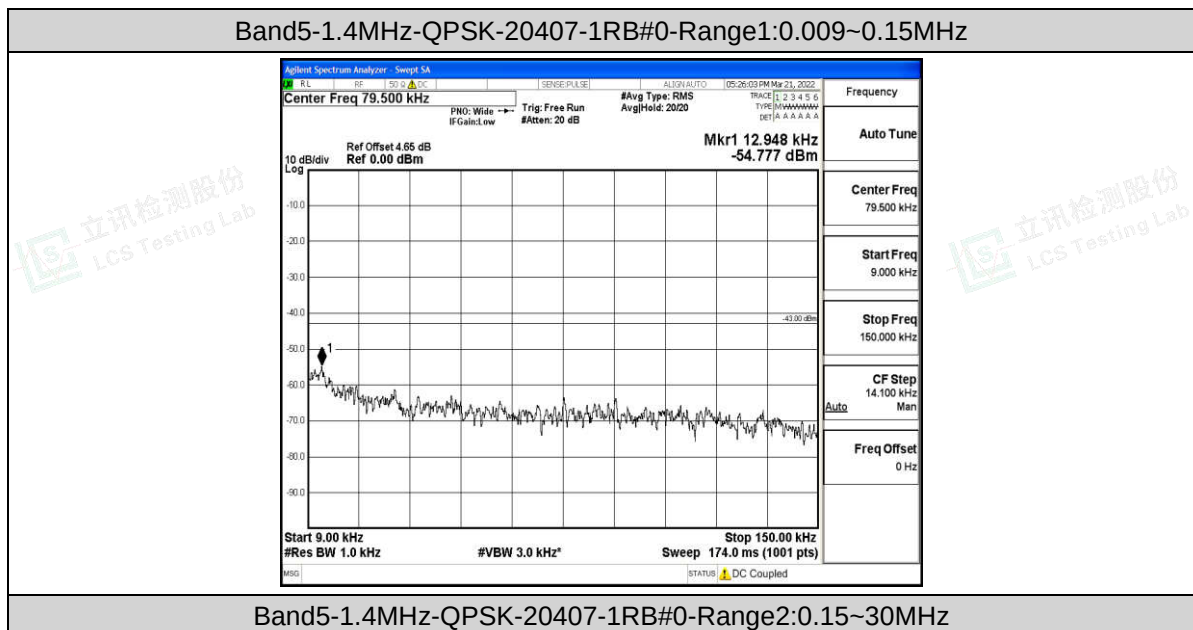
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Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-50	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-39.93	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-44.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.26	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-52.04	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.28	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.5	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-55.92	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-50.25	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-40.59	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-44.58	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-54.07	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-50.03	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-40.42	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-44.52	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-53.55	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.77	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-39	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.55	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-53.72	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-51.28	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-40.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-44.6	PASS

Test Graphs

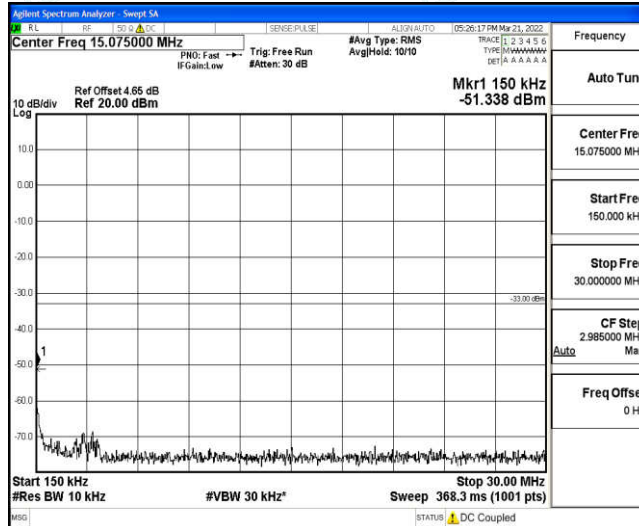


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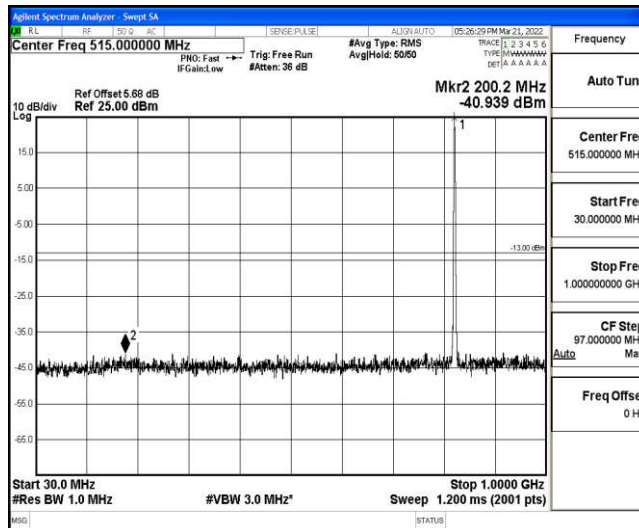
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

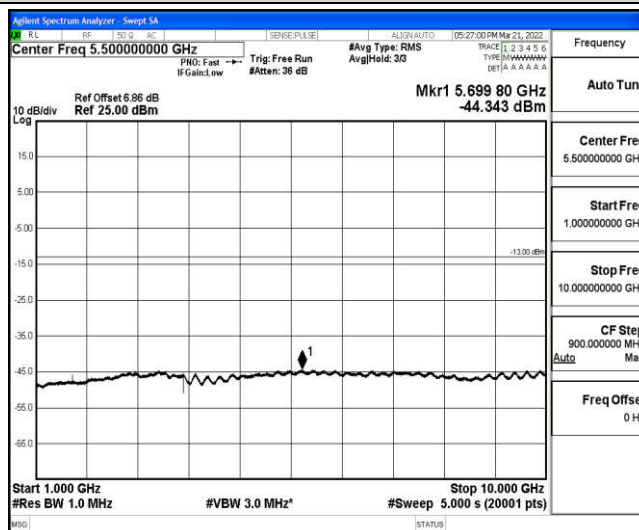
Scan code to check authenticity



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



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



Shenzhen LCS Compliance Testing Laboratory Ltd.

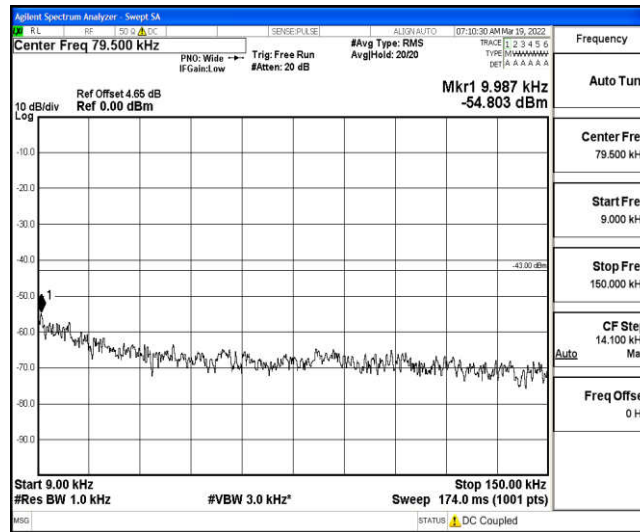
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

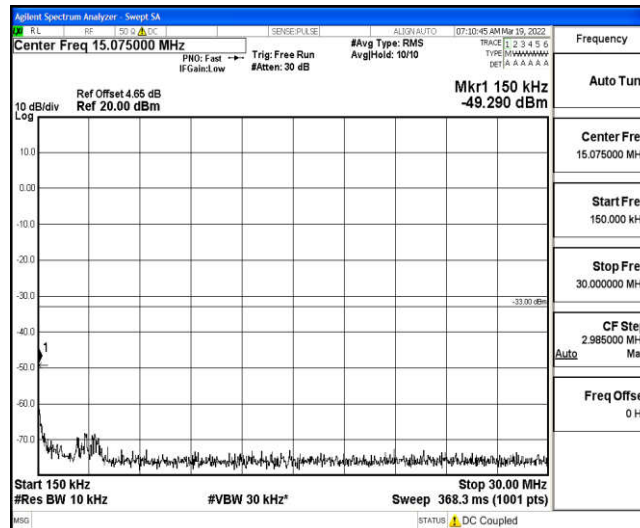
Scan code to check authenticity



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



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



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



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