



Appendix M: Test Data for E-UTRA Band 17

Product Name: Tablet Pc

Test Model: P81L

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li huan



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M.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	21.06	PASS
Band17	5MHz	QPSK	23755	1RB#12	21.25	PASS
Band17	5MHz	QPSK	23755	1RB#24	21.35	PASS
Band17	5MHz	QPSK	23755	12RB#0	20.45	PASS
Band17	5MHz	QPSK	23755	12RB#6	20.40	PASS
Band17	5MHz	QPSK	23755	12RB#13	20.43	PASS
Band17	5MHz	QPSK	23755	25RB#0	20.40	PASS
Band17	5MHz	QPSK	23790	1RB#0	21.28	PASS
Band17	5MHz	QPSK	23790	1RB#12	21.44	PASS
Band17	5MHz	QPSK	23790	1RB#24	21.24	PASS
Band17	5MHz	QPSK	23790	12RB#0	20.41	PASS
Band17	5MHz	QPSK	23790	12RB#6	20.39	PASS
Band17	5MHz	QPSK	23790	12RB#13	20.36	PASS
Band17	5MHz	QPSK	23790	25RB#0	20.40	PASS
Band17	5MHz	QPSK	23825	1RB#0	21.33	PASS
Band17	5MHz	QPSK	23825	1RB#12	21.43	PASS
Band17	5MHz	QPSK	23825	1RB#24	21.30	PASS
Band17	5MHz	QPSK	23825	12RB#0	20.37	PASS
Band17	5MHz	QPSK	23825	12RB#6	20.32	PASS
Band17	5MHz	QPSK	23825	12RB#13	20.31	PASS
Band17	5MHz	QPSK	23825	25RB#0	20.36	PASS
Band17	5MHz	16QAM	23755	1RB#0	20.02	PASS
Band17	5MHz	16QAM	23755	1RB#12	20.40	PASS
Band17	5MHz	16QAM	23755	1RB#24	20.33	PASS
Band17	5MHz	16QAM	23755	12RB#0	19.37	PASS
Band17	5MHz	16QAM	23755	12RB#6	19.36	PASS
Band17	5MHz	16QAM	23755	12RB#13	19.34	PASS
Band17	5MHz	16QAM	23755	25RB#0	19.44	PASS
Band17	5MHz	16QAM	23790	1RB#0	20.39	PASS
Band17	5MHz	16QAM	23790	1RB#12	20.55	PASS





Band17	5MHz	16QAM	23790	1RB#24	20.35	PASS
Band17	5MHz	16QAM	23790	12RB#0	19.44	PASS
Band17	5MHz	16QAM	23790	12RB#6	19.40	PASS
Band17	5MHz	16QAM	23790	12RB#13	19.37	PASS
Band17	5MHz	16QAM	23790	25RB#0	19.37	PASS
Band17	5MHz	16QAM	23825	1RB#0	20.29	PASS
Band17	5MHz	16QAM	23825	1RB#12	20.32	PASS
Band17	5MHz	16QAM	23825	1RB#24	20.19	PASS
Band17	5MHz	16QAM	23825	12RB#0	19.36	PASS
Band17	5MHz	16QAM	23825	12RB#6	19.36	PASS
Band17	5MHz	16QAM	23825	12RB#13	19.24	PASS
Band17	5MHz	16QAM	23825	25RB#0	19.35	PASS
Band17	10MHz	QPSK	23780	1RB#0	21.37	PASS
Band17	10MHz	QPSK	23780	1RB#24	21.48	PASS
Band17	10MHz	QPSK	23780	1RB#49	21.33	PASS
Band17	10MHz	QPSK	23780	25RB#0	20.47	PASS
Band17	10MHz	QPSK	23780	25RB#12	20.51	PASS
Band17	10MHz	QPSK	23780	25RB#25	20.45	PASS
Band17	10MHz	QPSK	23780	50RB#0	20.45	PASS
Band17	10MHz	QPSK	23790	1RB#0	21.41	PASS
Band17	10MHz	QPSK	23790	1RB#24	21.46	PASS
Band17	10MHz	QPSK	23790	1RB#49	21.34	PASS
Band17	10MHz	QPSK	23790	25RB#0	20.52	PASS
Band17	10MHz	QPSK	23790	25RB#12	20.52	PASS
Band17	10MHz	QPSK	23790	25RB#25	20.37	PASS
Band17	10MHz	QPSK	23790	50RB#0	20.36	PASS
Band17	10MHz	QPSK	23800	1RB#0	21.44	PASS
Band17	10MHz	QPSK	23800	1RB#24	21.61	PASS
Band17	10MHz	QPSK	23800	1RB#49	21.37	PASS
Band17	10MHz	QPSK	23800	25RB#0	20.53	PASS
Band17	10MHz	QPSK	23800	25RB#12	20.50	PASS
Band17	10MHz	QPSK	23800	25RB#25	20.35	PASS
Band17	10MHz	QPSK	23800	50RB#0	20.46	PASS
Band17	10MHz	16QAM	23780	1RB#0	20.43	PASS
Band17	10MHz	16QAM	23780	1RB#24	20.60	PASS



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Band17	10MHz	16QAM	23780	1RB#49	20.37	PASS
Band17	10MHz	16QAM	23780	25RB#0	19.43	PASS
Band17	10MHz	16QAM	23780	25RB#12	19.51	PASS
Band17	10MHz	16QAM	23780	25RB#25	19.42	PASS
Band17	10MHz	16QAM	23780	50RB#0	19.43	PASS
Band17	10MHz	16QAM	23790	1RB#0	20.14	PASS
Band17	10MHz	16QAM	23790	1RB#24	20.30	PASS
Band17	10MHz	16QAM	23790	1RB#49	20.17	PASS
Band17	10MHz	16QAM	23790	25RB#0	19.50	PASS
Band17	10MHz	16QAM	23790	25RB#12	19.51	PASS
Band17	10MHz	16QAM	23790	25RB#25	19.36	PASS
Band17	10MHz	16QAM	23790	50RB#0	19.42	PASS
Band17	10MHz	16QAM	23800	1RB#0	20.47	PASS
Band17	10MHz	16QAM	23800	1RB#24	20.61	PASS
Band17	10MHz	16QAM	23800	1RB#49	20.45	PASS
Band17	10MHz	16QAM	23800	25RB#0	19.48	PASS
Band17	10MHz	16QAM	23800	25RB#12	19.49	PASS
Band17	10MHz	16QAM	23800	25RB#25	19.38	PASS
Band17	10MHz	16QAM	23800	50RB#0	19.44	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.67	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.23	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.57	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.26	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.55	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.29	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.36	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.01	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.35	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.06	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.25	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.04	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.54	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.33	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.54	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.36	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.49	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.33	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.65	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.16	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.30	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.39	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.27	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.38	13	PASS



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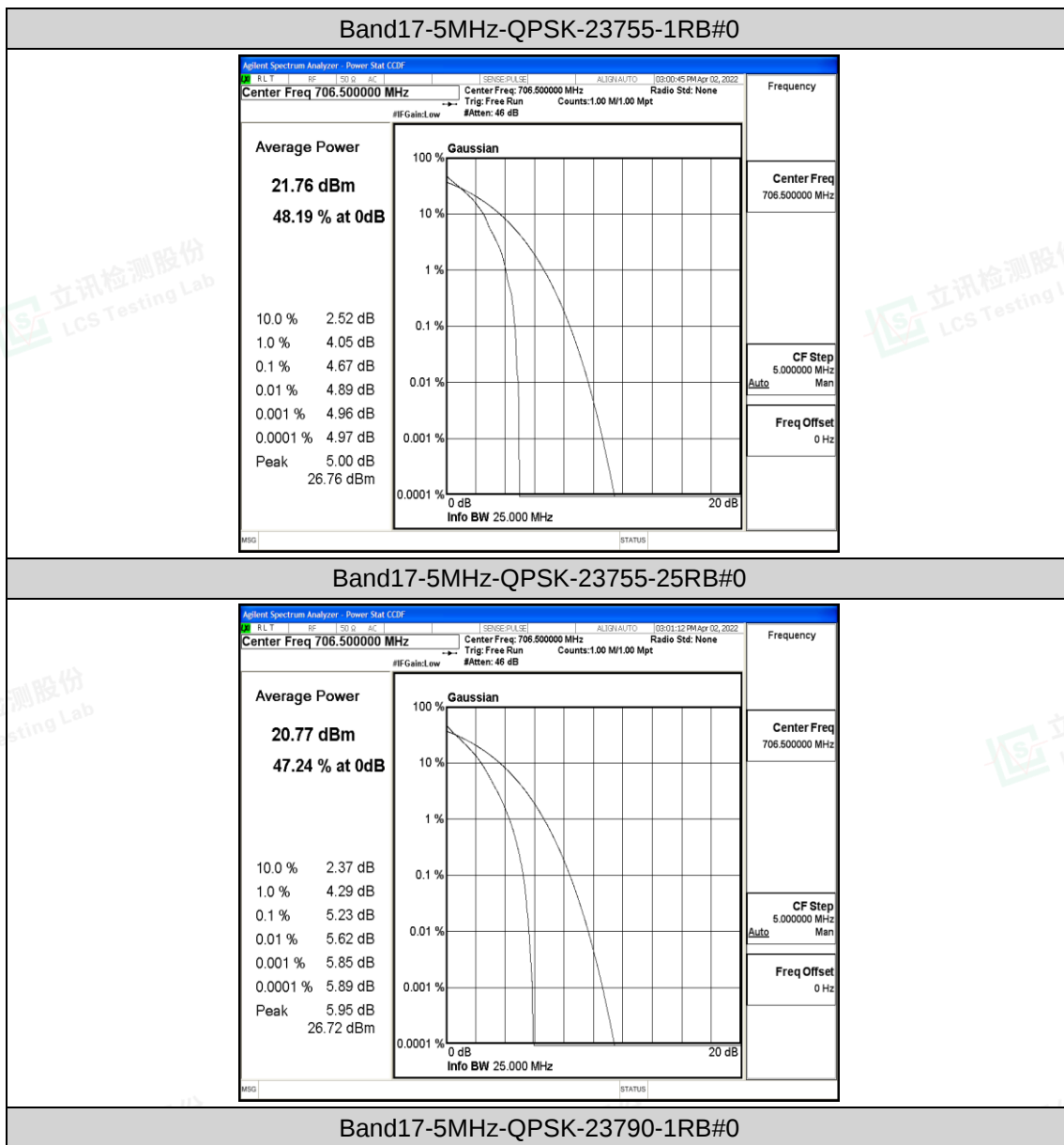
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Test Graphs

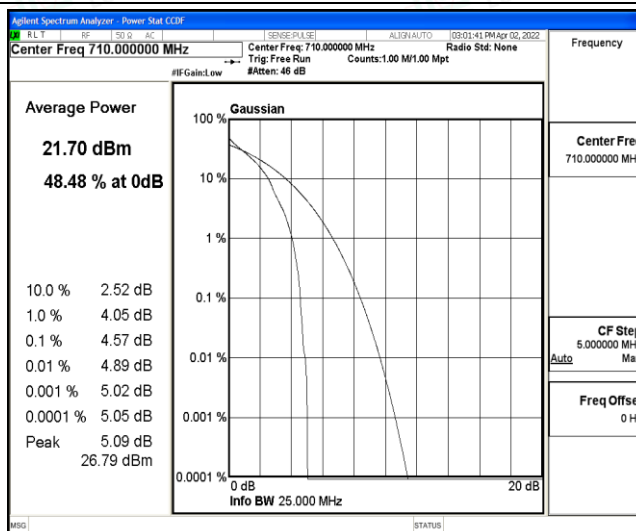


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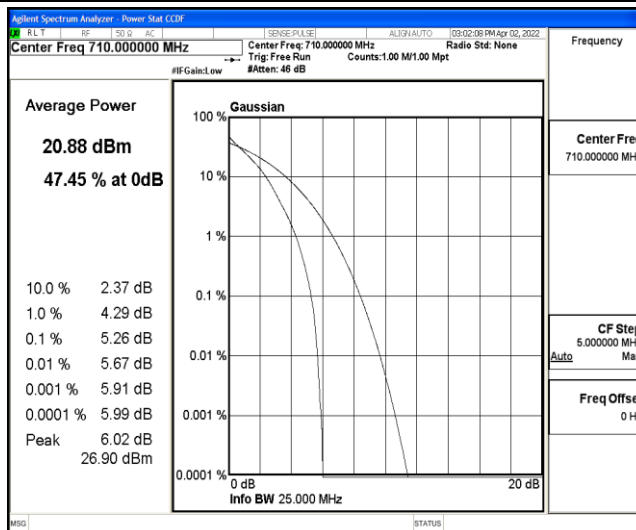
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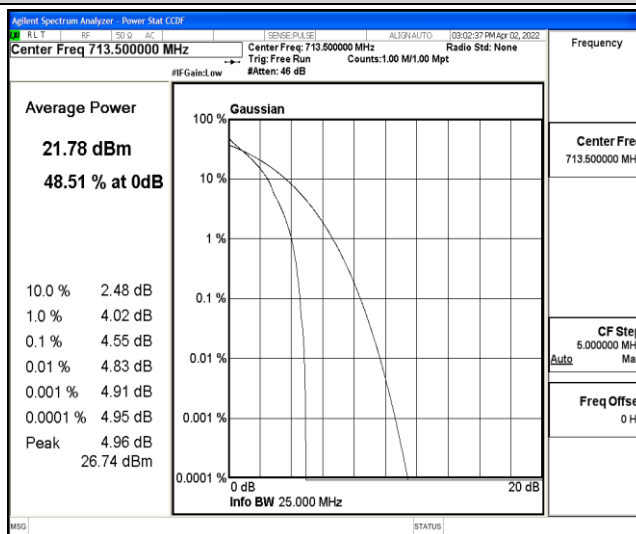
Scan code to check authenticity



Band17-5MHz-QPSK-23790-25RB#0

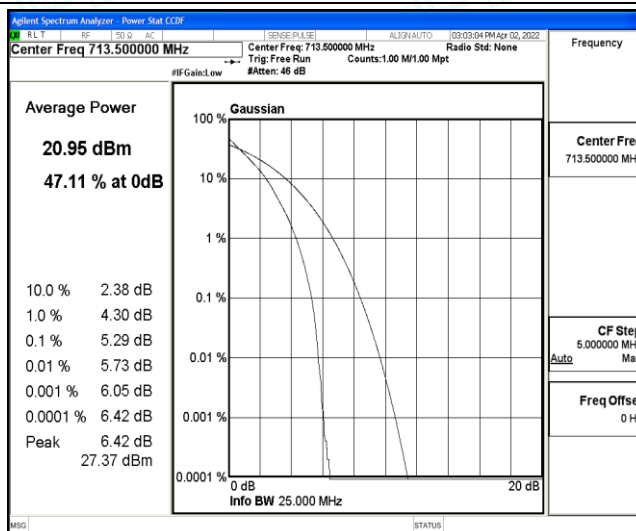


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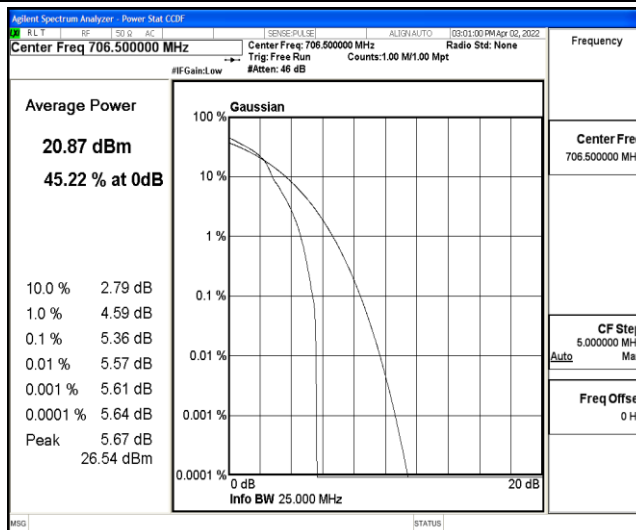


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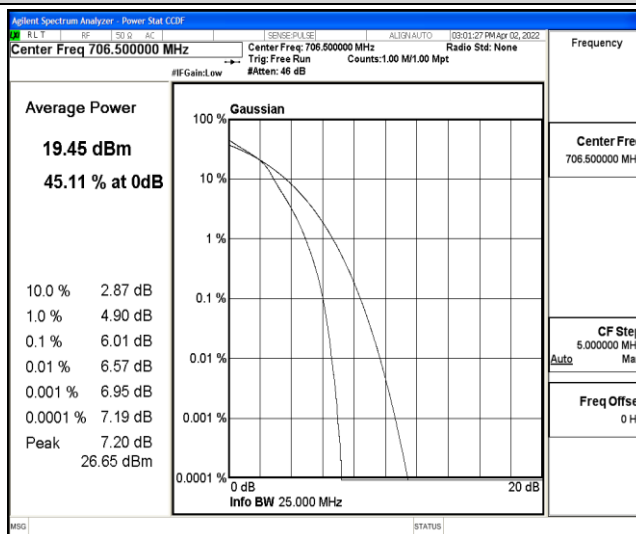




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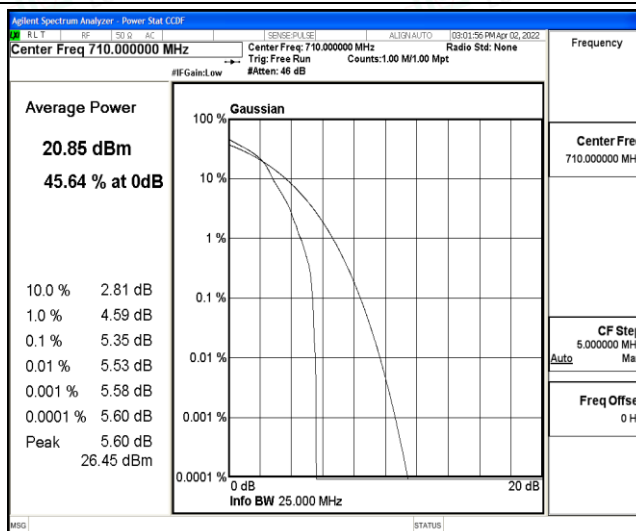


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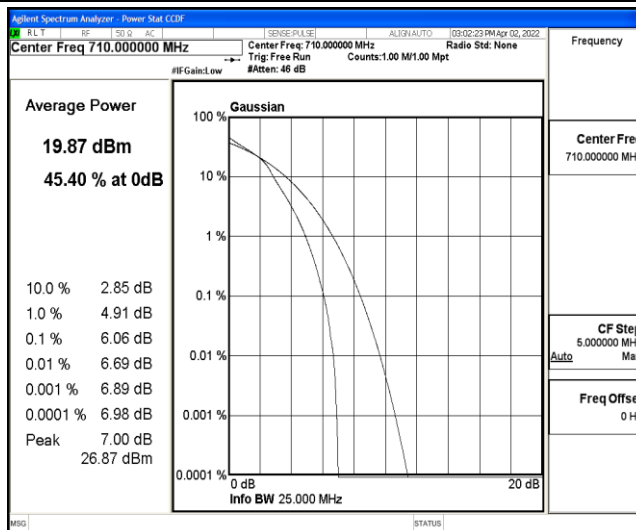


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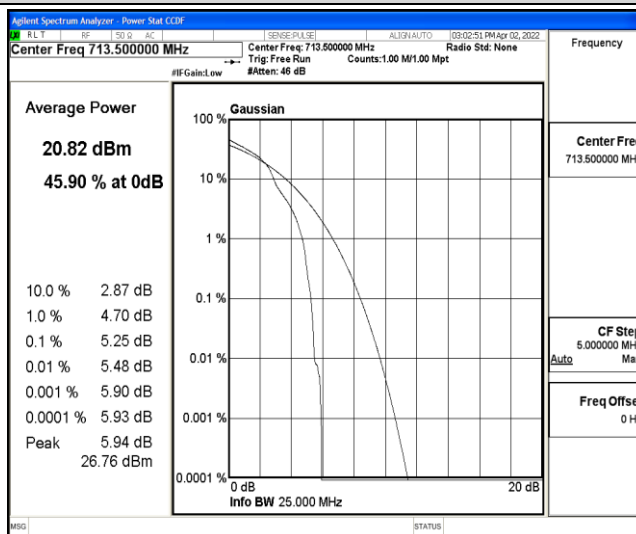




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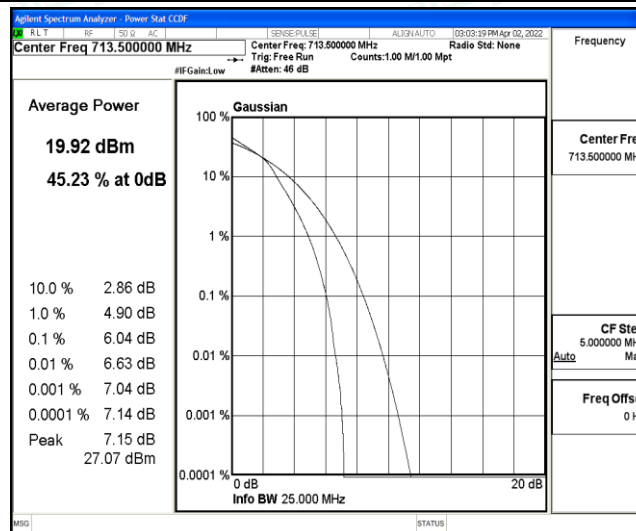


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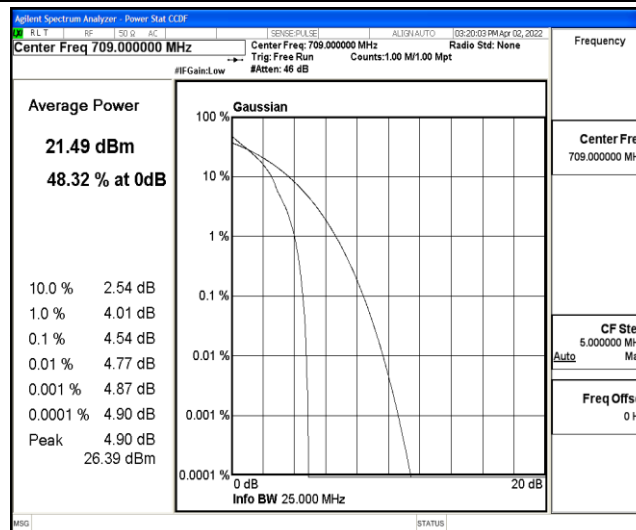


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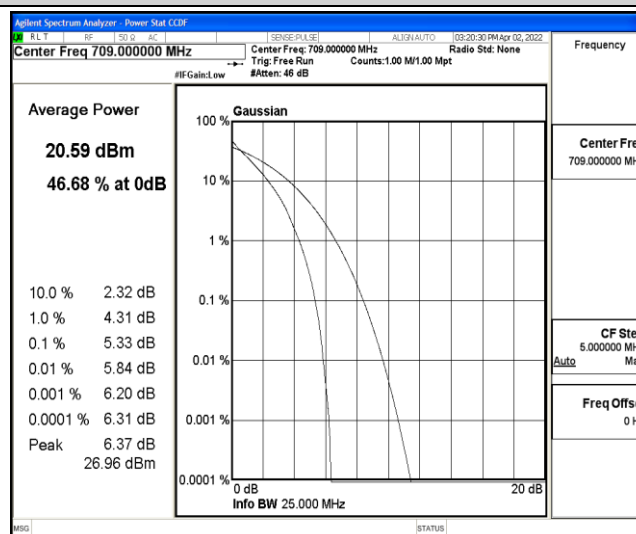




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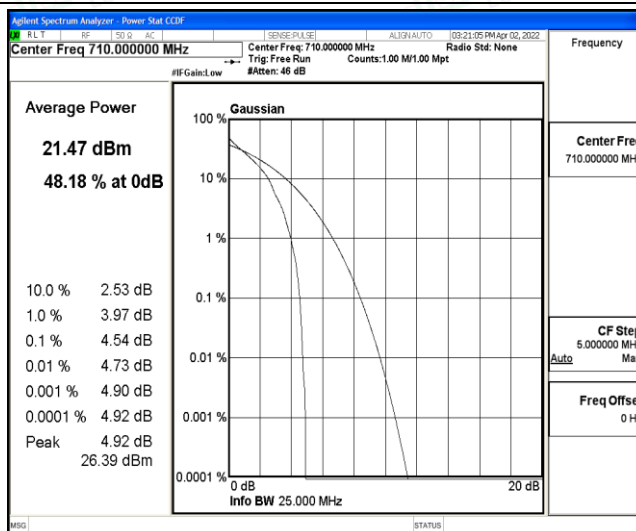


Band17-10MHz-QPSK-23780-50RB#0

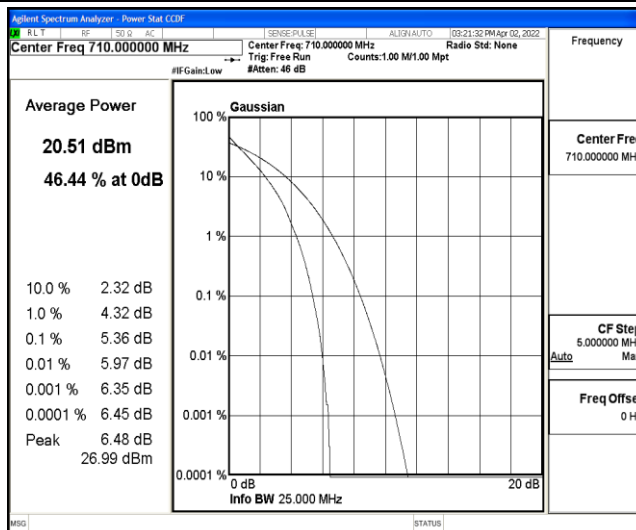


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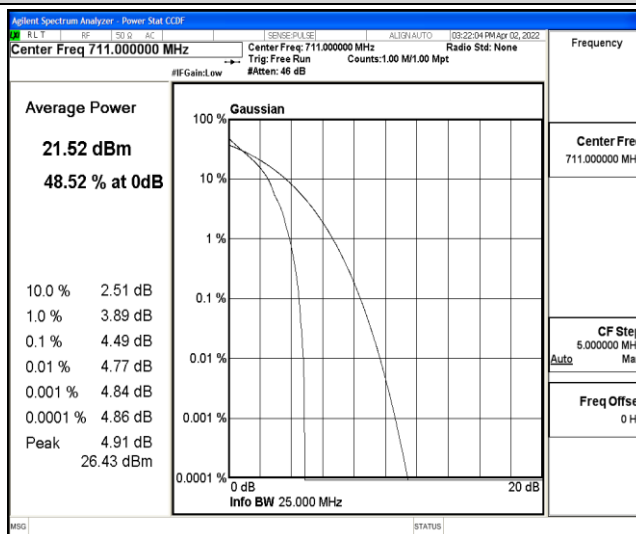




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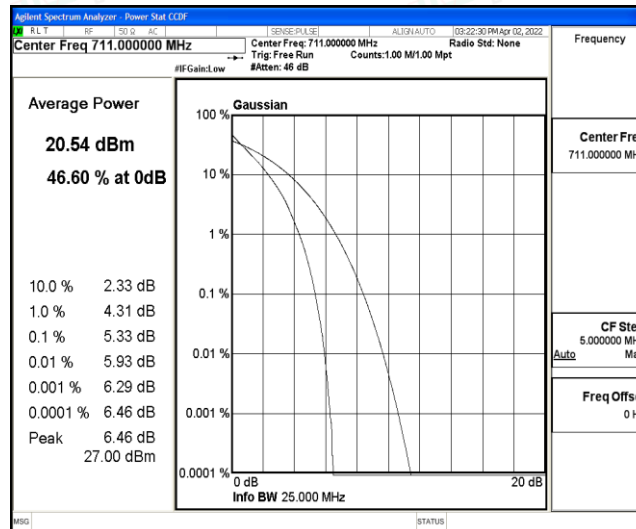


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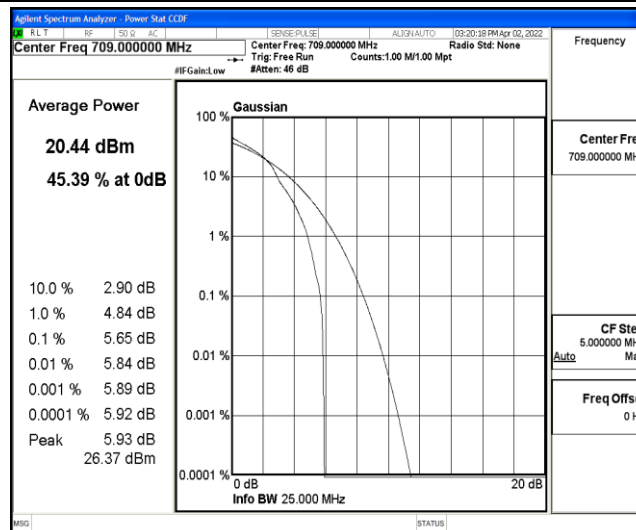


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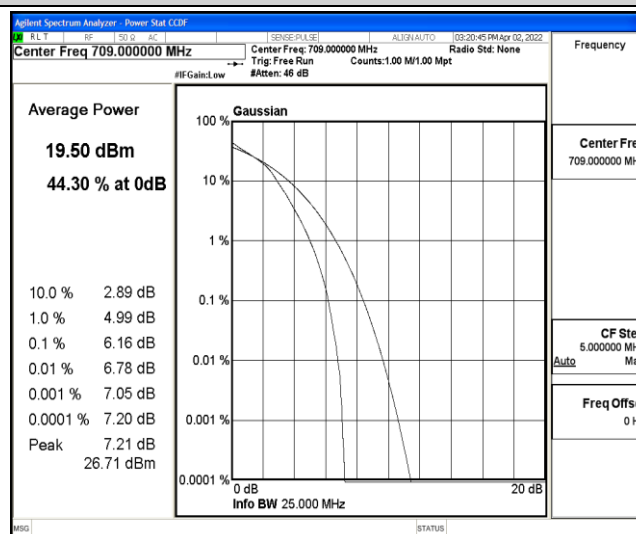




Band17-10MHz-16QAM-23780-1RB#0

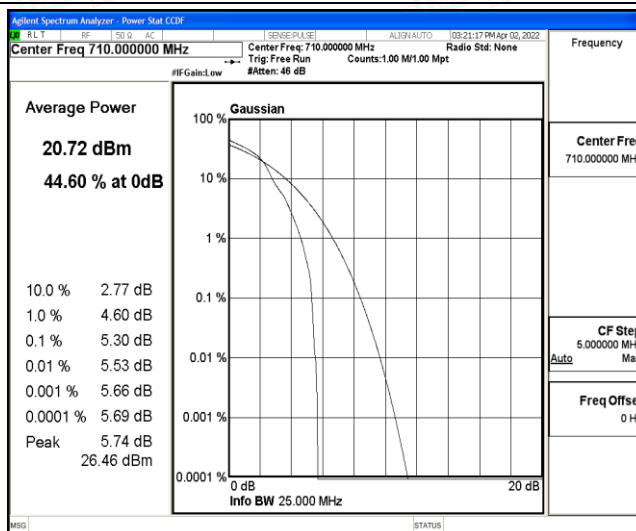


Band17-10MHz-16QAM-23780-50RB#0

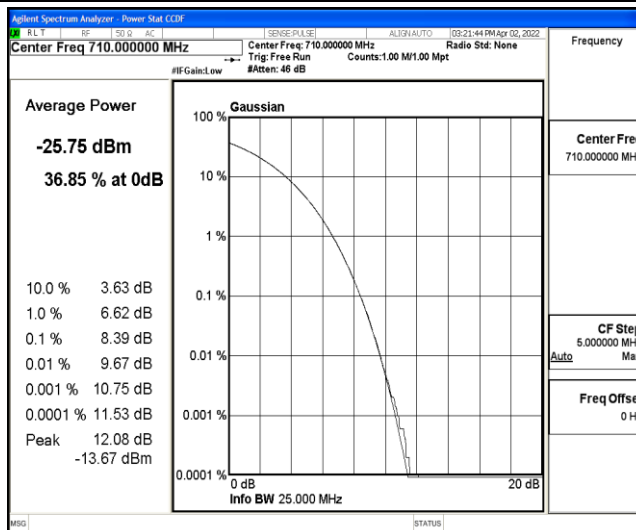


Band17-10MHz-16QAM-23790-1RB#0

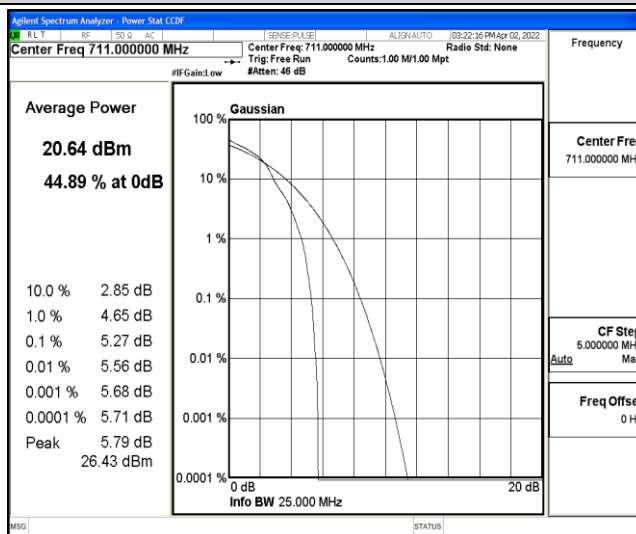




Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-50RB#0

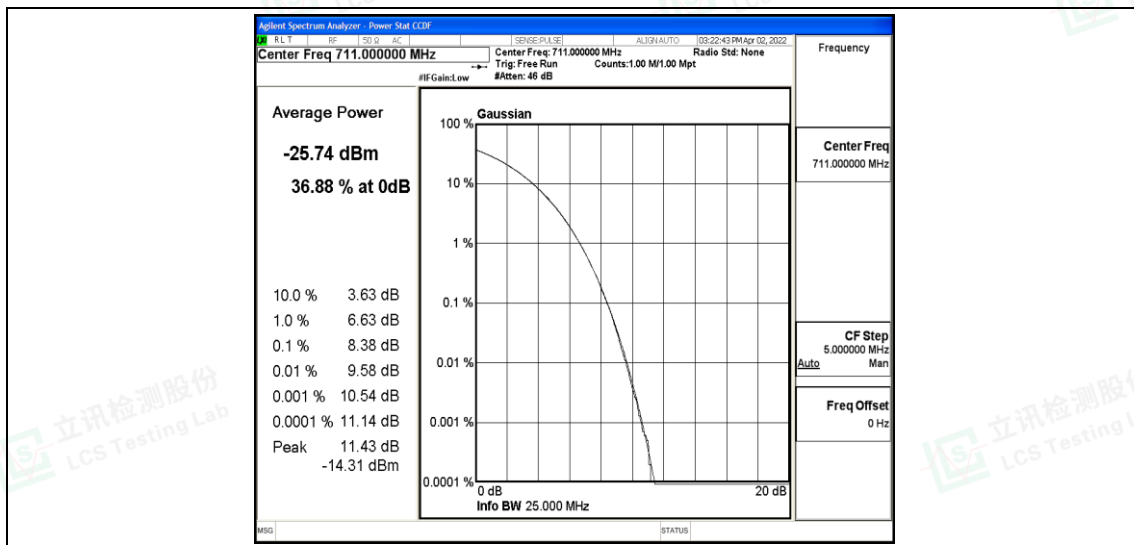


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M.3 26dB Bandwidth and Occupied Bandwidth

Test Result

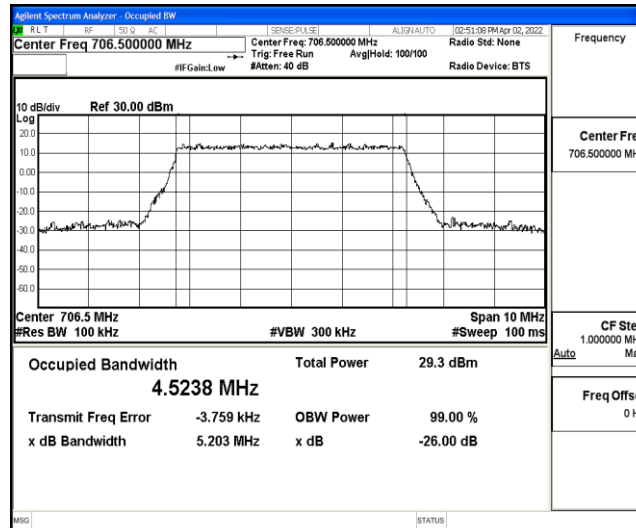
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5238	5.203	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5057	5.141	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5187	5.362	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5196	5.187	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5239	5.182	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5341	5.364	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0104	10.18	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9990	10.10	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9846	10.01	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9685	10.08	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9890	9.992	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9834	9.965	PASS



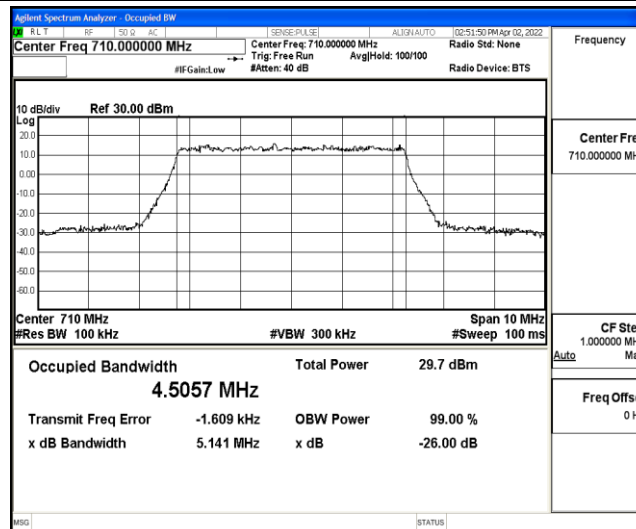


Test Graphs

Band17-5MHz-QPSK-23755-25RB#0



Band17-5MHz-QPSK-23790-25RB#0



Band17-5MHz-QPSK-23825-25RB#0

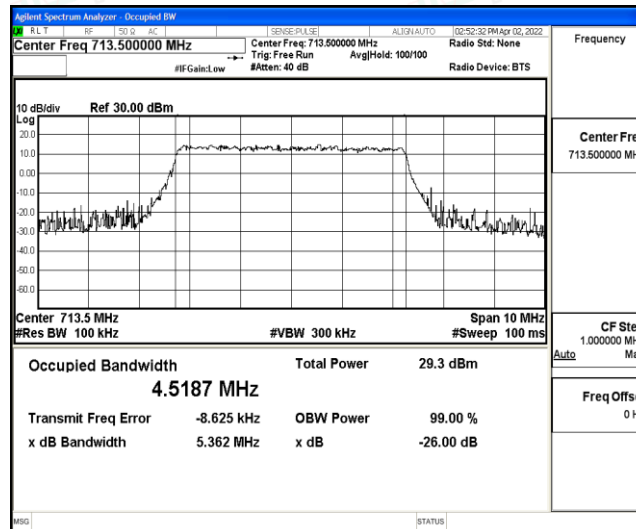


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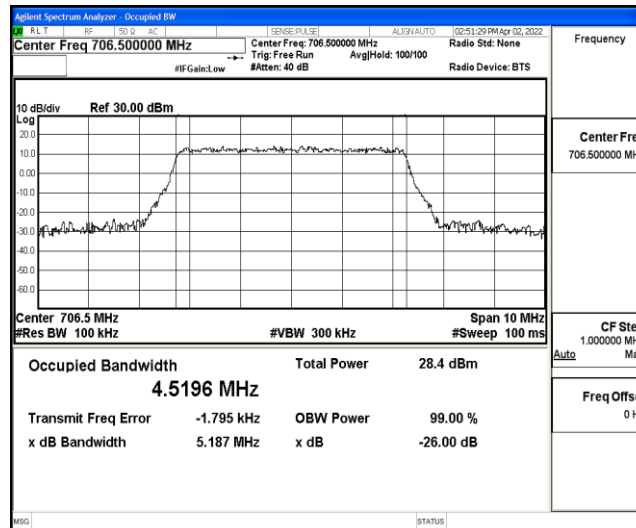
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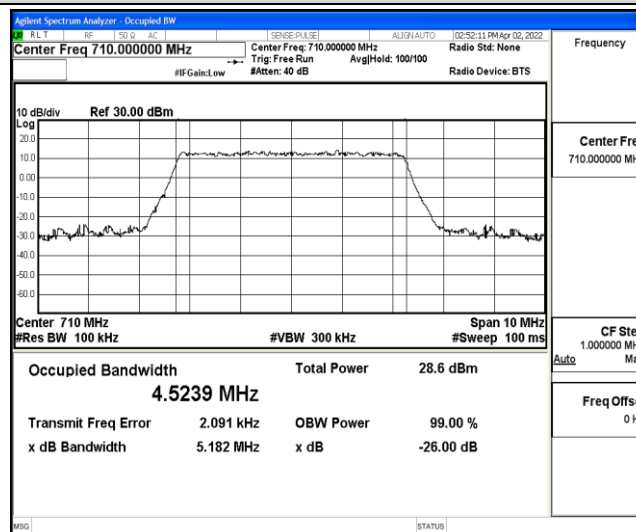
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Band17-5MHz-16QAM-23755-25RB#0

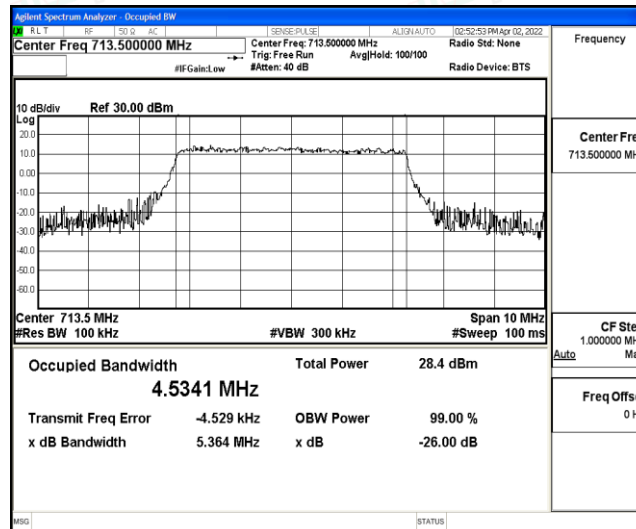


Band17-5MHz-16QAM-23790-25RB#0

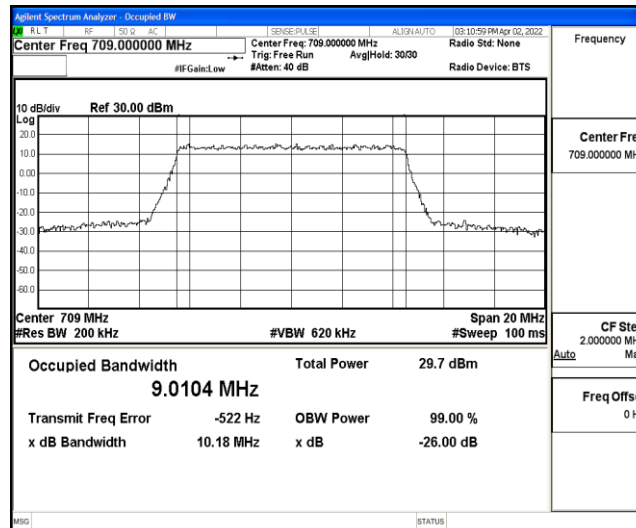


Band17-5MHz-16QAM-23825-25RB#0

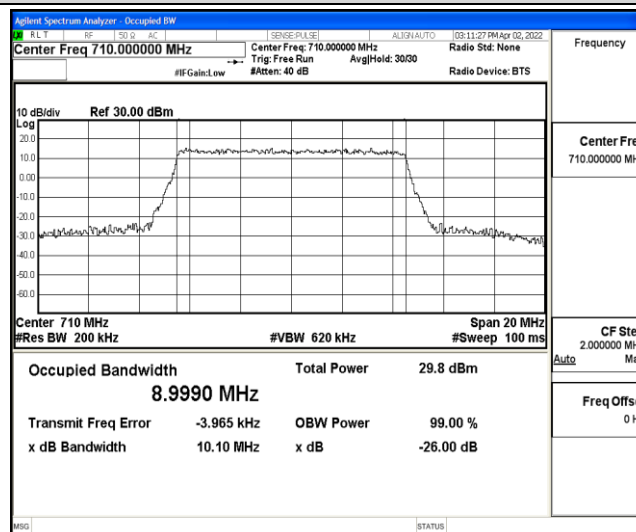




Band17-10MHz-QPSK-23780-50RB#0

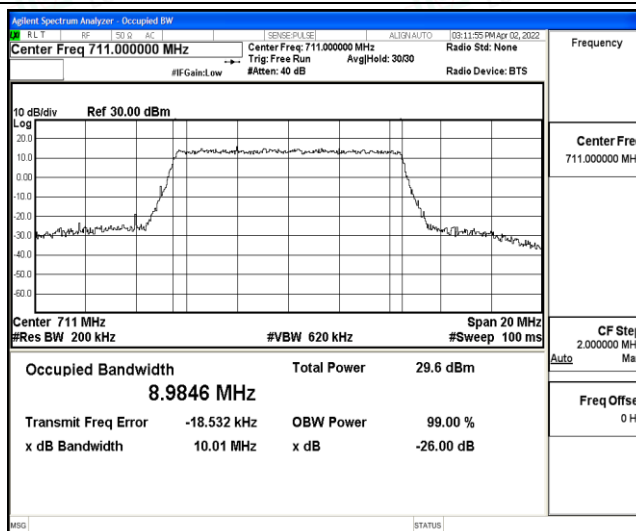


Band17-10MHz-QPSK-23790-50RB#0

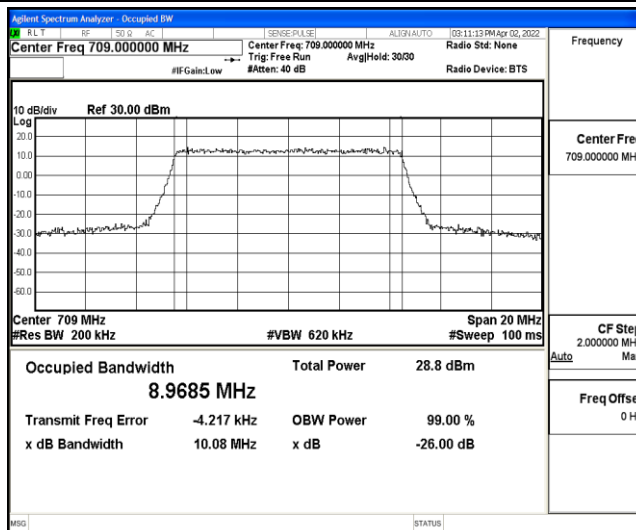


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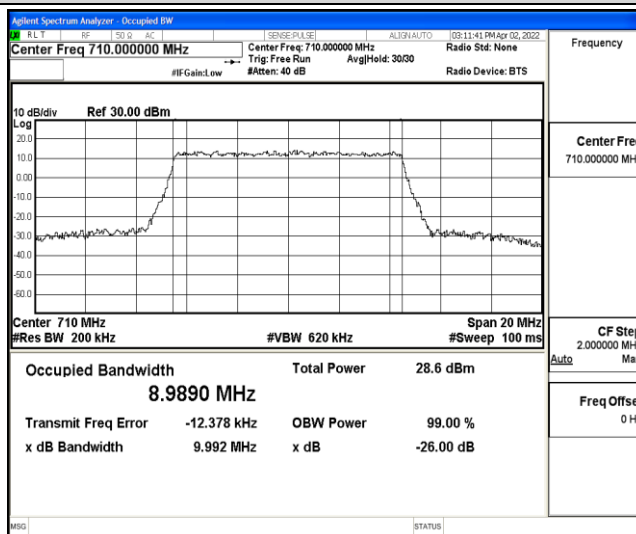




Band17-10MHz-16QAM-23780-50RB#0

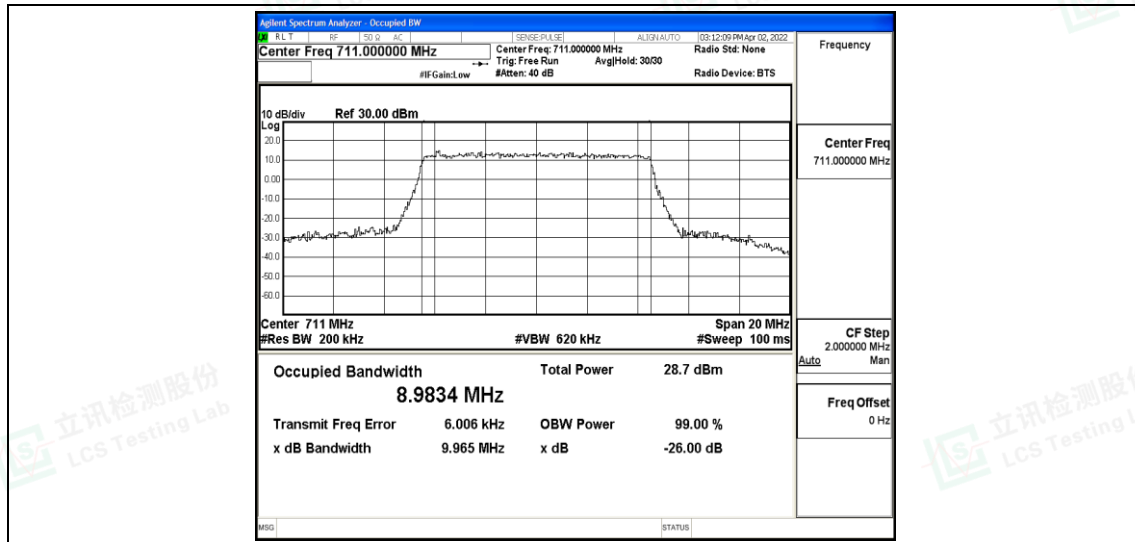


Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-50RB#0





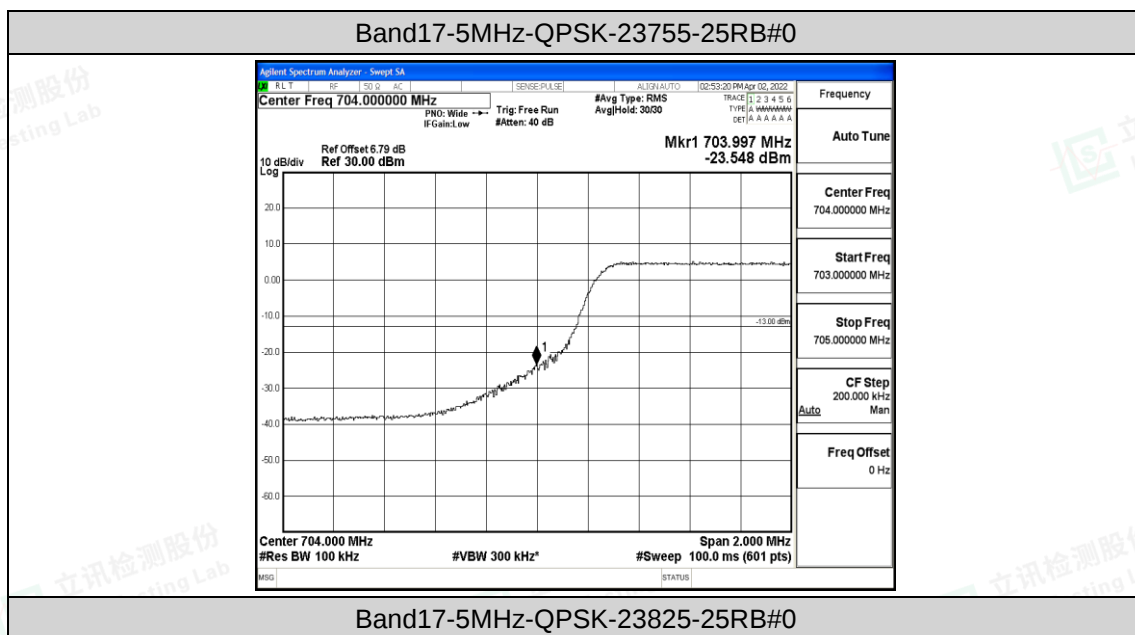


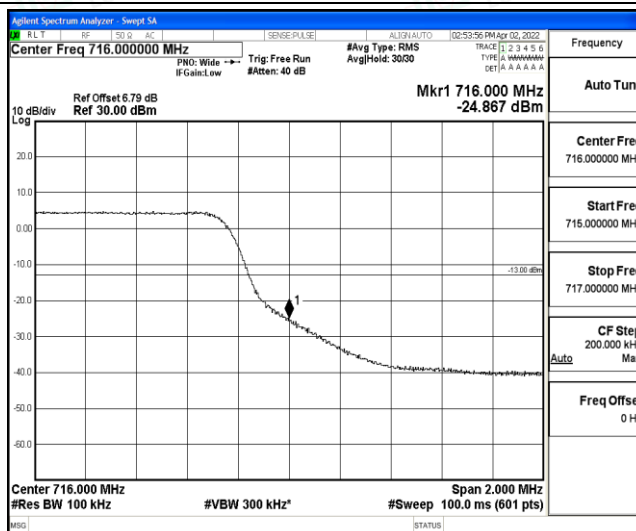
M.4 Band Edge

Test Result

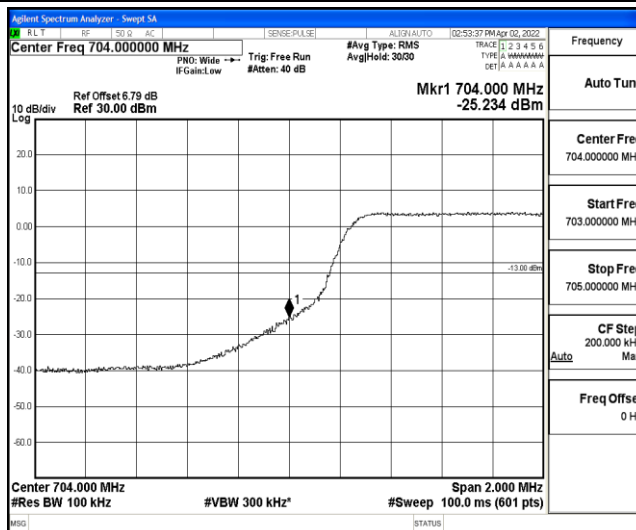
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-23.55	PASS
Band17	5MHz	QPSK	23825	25RB#0	-24.87	PASS
Band17	5MHz	16QAM	23755	25RB#0	-25.23	PASS
Band17	5MHz	16QAM	23825	25RB#0	-25.58	PASS
Band17	10MHz	QPSK	23780	50RB#0	-30.79,-28.45	PASS
Band17	10MHz	QPSK	23800	50RB#0	-30.26,-32.22	PASS
Band17	10MHz	16QAM	23780	50RB#0	-31.70,-29.67	PASS
Band17	10MHz	16QAM	23800	50RB#0	-31.02,-33.42	PASS

Test Graphs

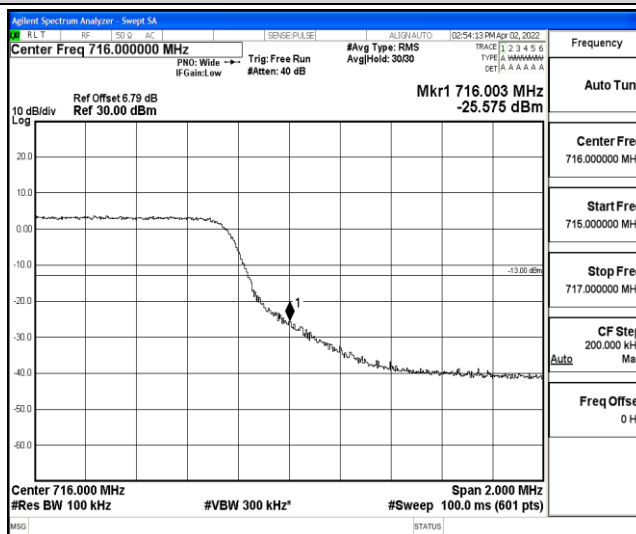




Band17-5MHz-16QAM-23755-25RB#0



Band17-5MHz-16QAM-23825-25RB#0



Band17-10MHz-QPSK-23780-50RB#0

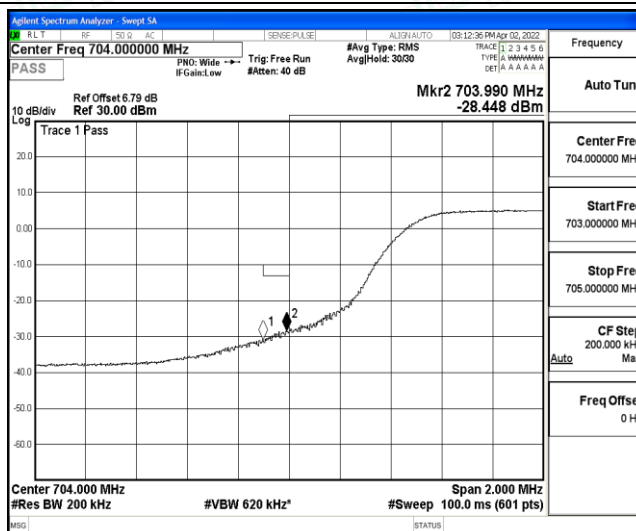


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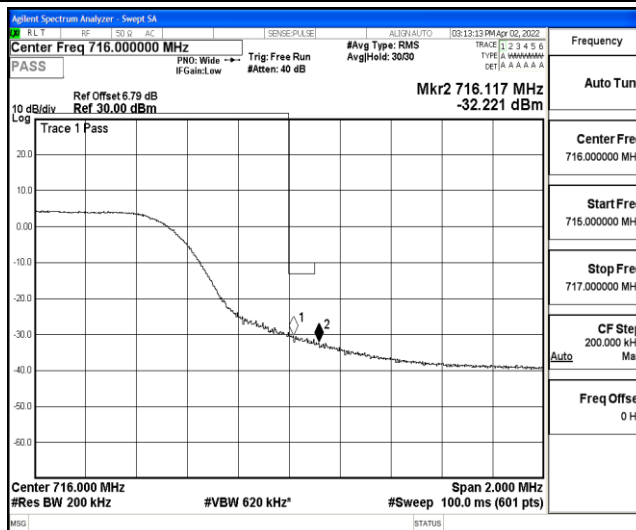
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

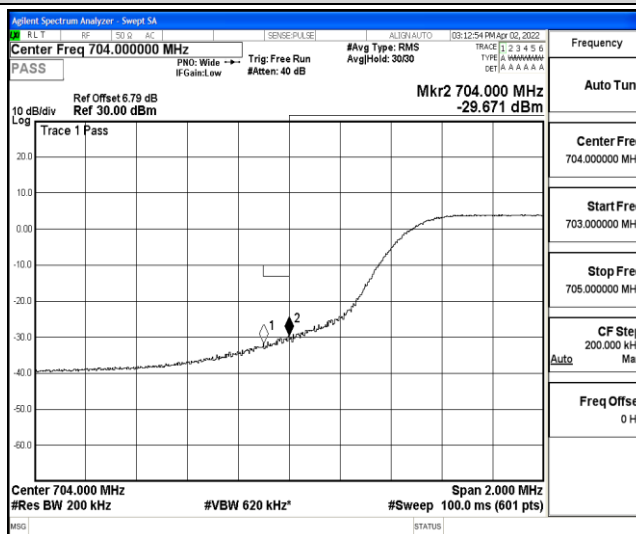
Scan code to check authenticity



Band17-10MHz-QPSK-23800-50RB#0

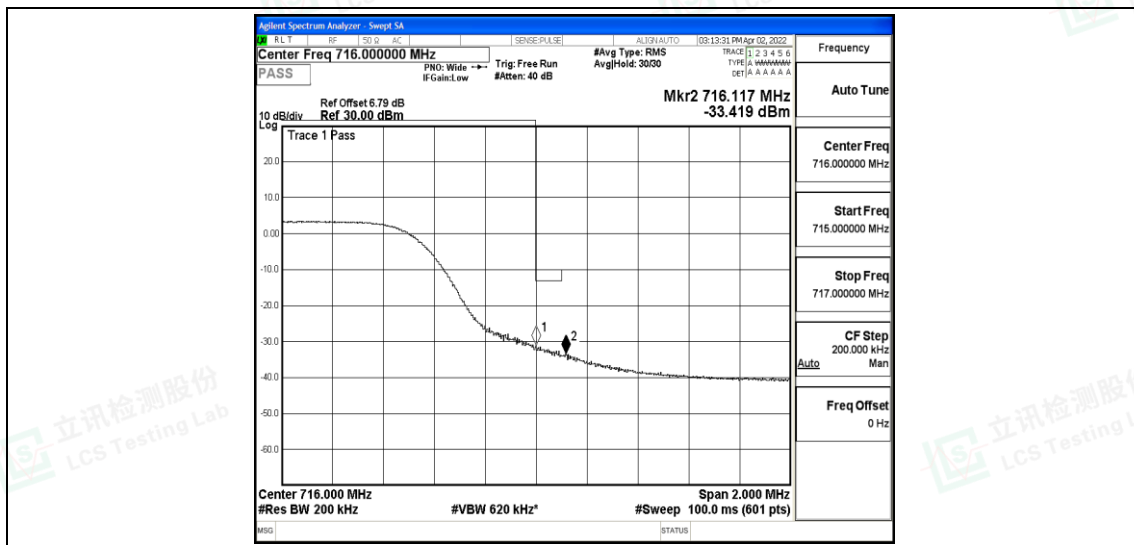


Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23800-50RB#0







M.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-44.7	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-40.87	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-44.03	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-40.11	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-44.46	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-41.04	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-45.28	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-39.71	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-42.92	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-41.09	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-44.34	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-40.96	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-43.75	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-40.58	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-43.94	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-40.37	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-44.52	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-41.15	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-44.79	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-41.75	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-45.45	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-40.94	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-45.04	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-41.46	PASS



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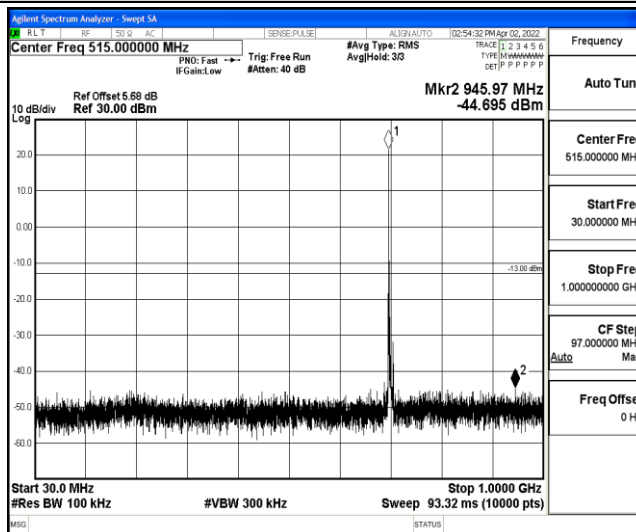
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

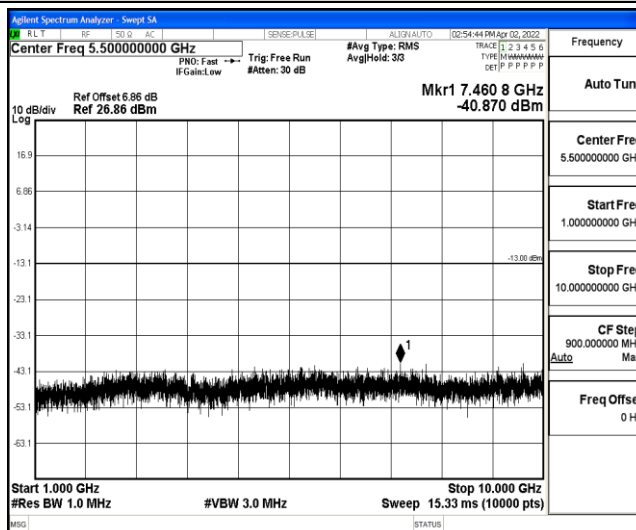


Test Graphs

Band17-5MHz-QPSK-23755-1RB#0-Range1:30~1000MHz



Band17-5MHz-QPSK-23755-1RB#0-Range2:1000~10000MHz



Band17-5MHz-QPSK-23790-1RB#0-Range1:30~1000MHz

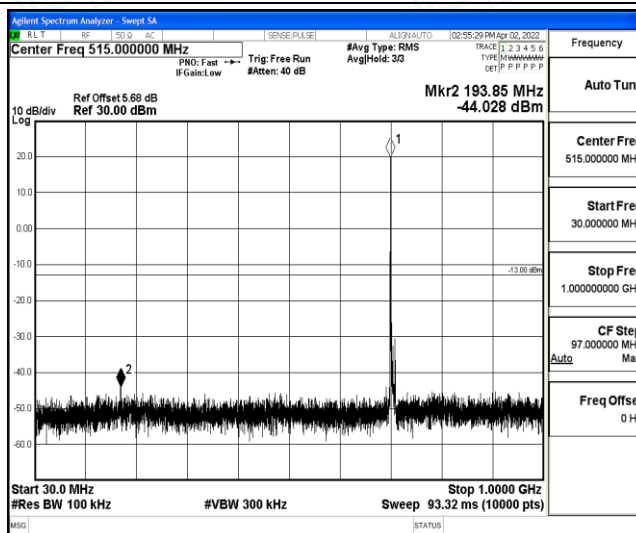


Shenzhen LCS Compliance Testing Laboratory Ltd.

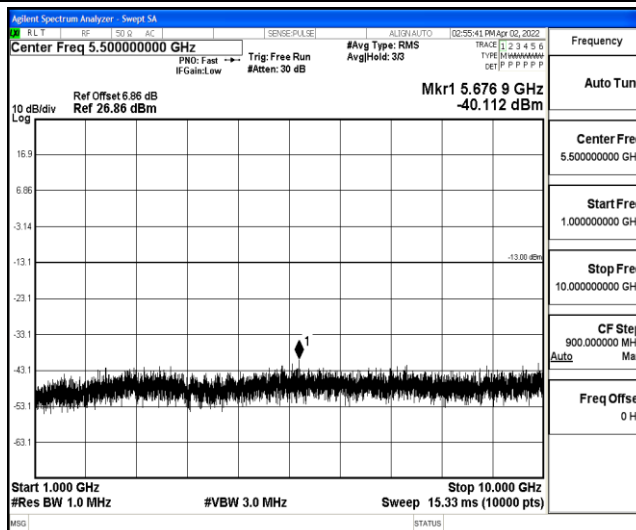
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

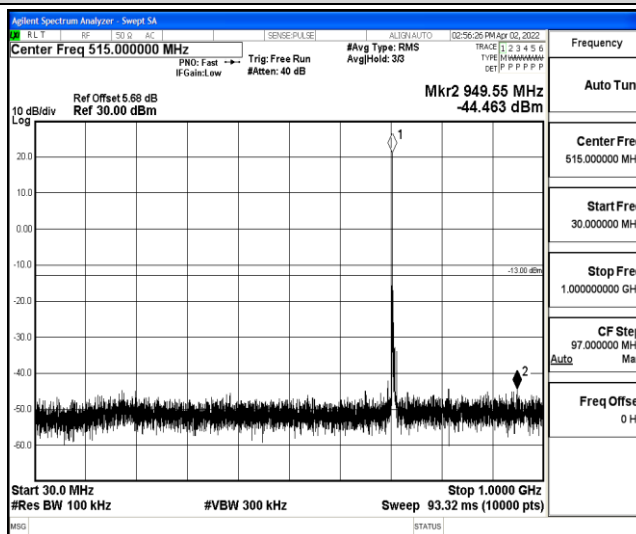
Scan code to check authenticity



Band17-5MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz

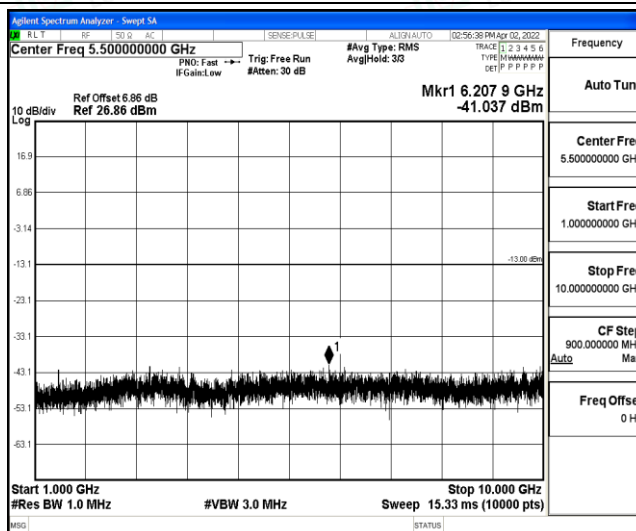


Band17-5MHz-QPSK-23825-1RB#0-Range1:30~1000MHz

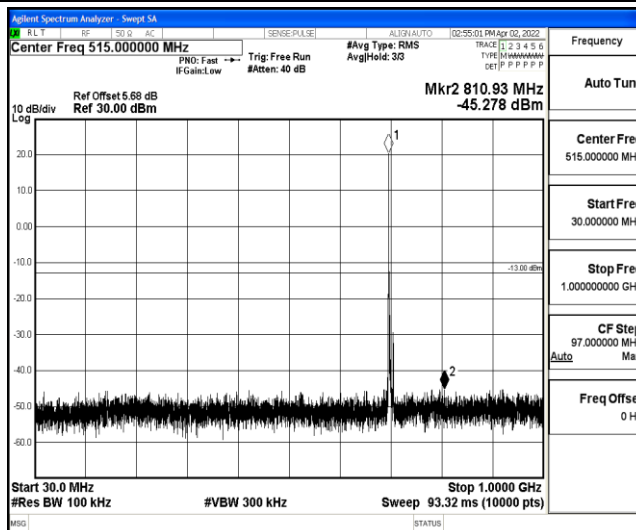


Band17-5MHz-QPSK-23825-1RB#0-Range2:1000~10000MHz

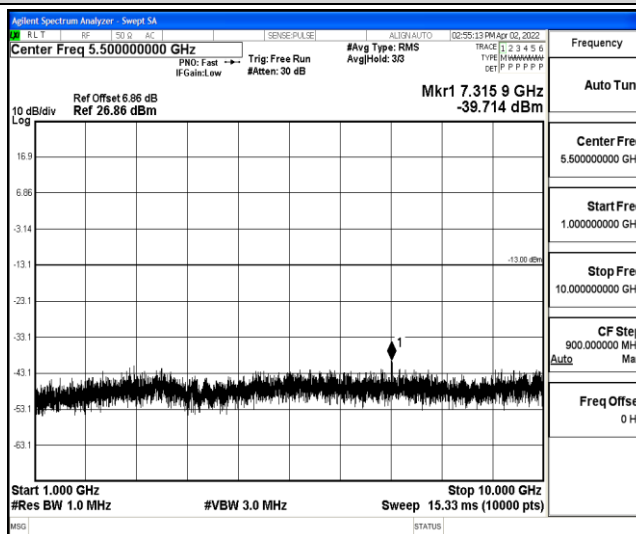




Band17-5MHz-16QAM-23755-1RB#0-Range1:30~1000MHz

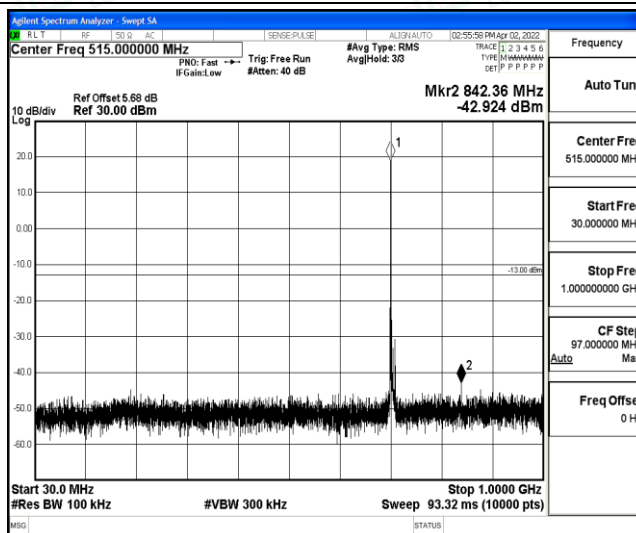


Band17-5MHz-16QAM-23755-1RB#0-Range2:1000~10000MHz

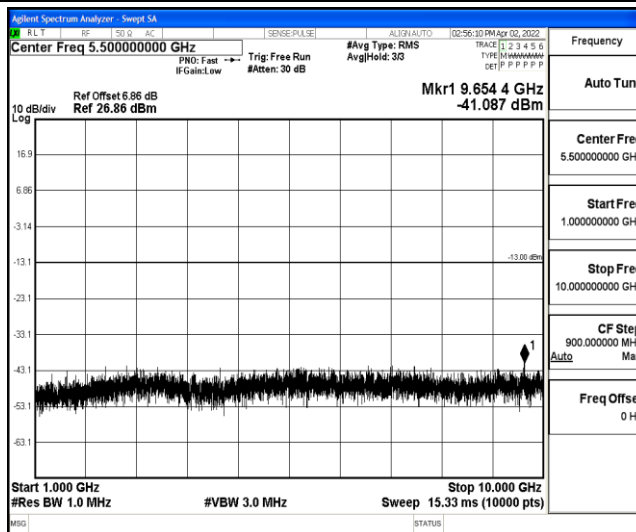


Band17-5MHz-16QAM-23790-1RB#0-Range1:30~1000MHz

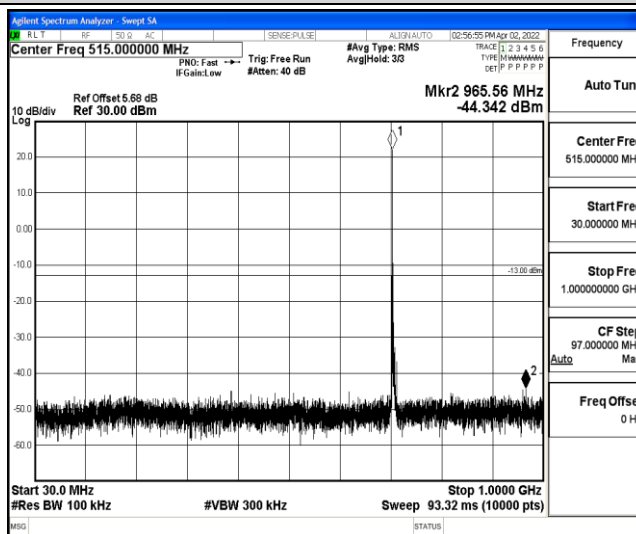




Band17-5MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz

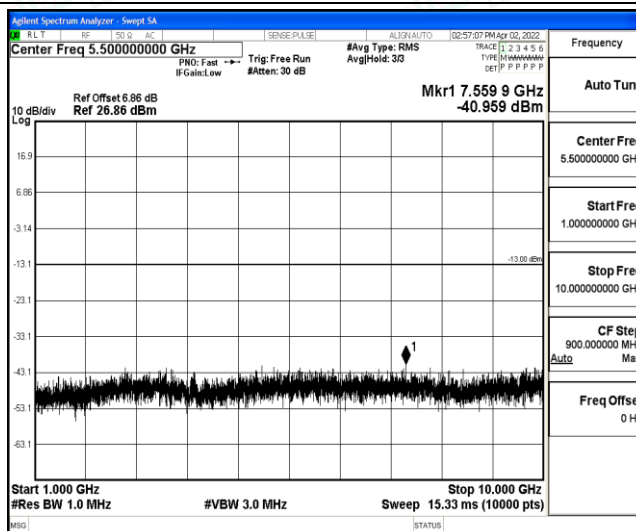


Band17-5MHz-16QAM-23825-1RB#0-Range1:30~1000MHz

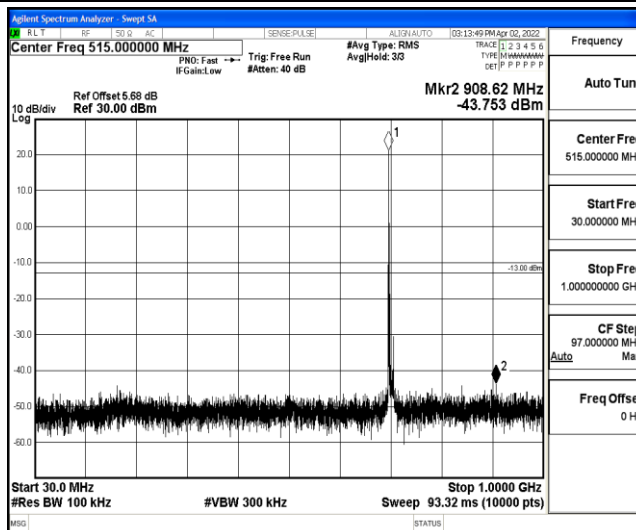


Band17-5MHz-16QAM-23825-1RB#0-Range2:1000~10000MHz

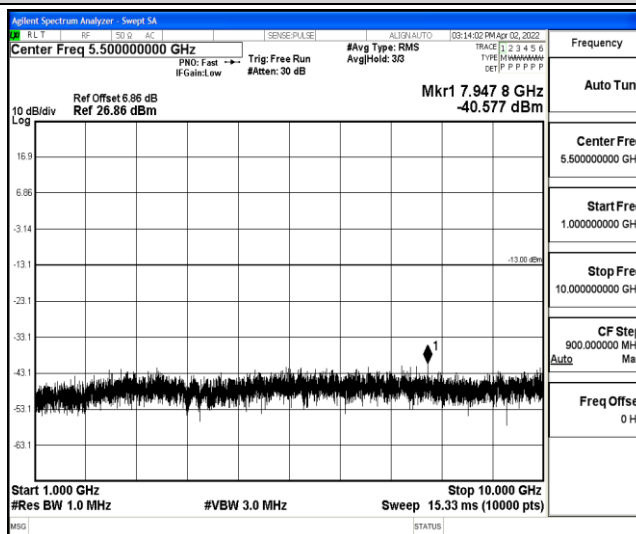




Band17-10MHz-QPSK-23780-1RB#0-Range1:30~1000MHz

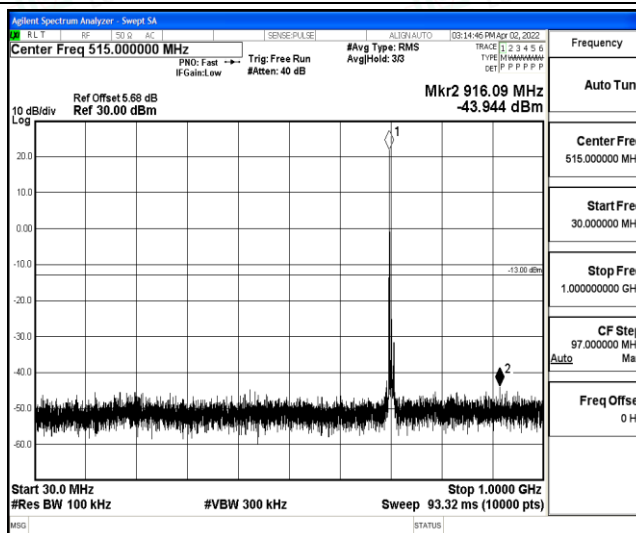


Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz

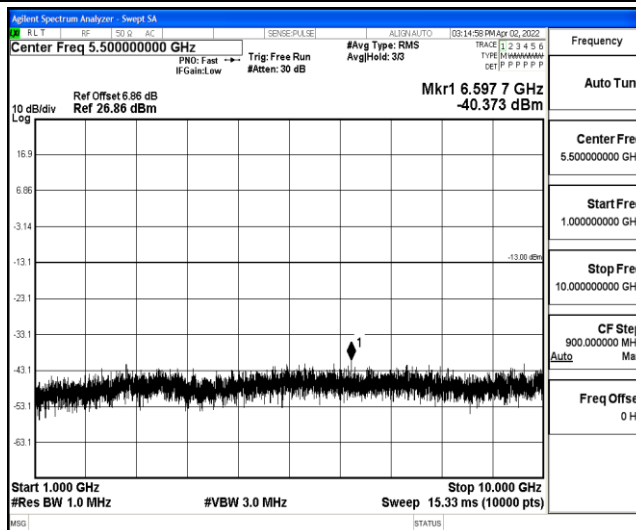


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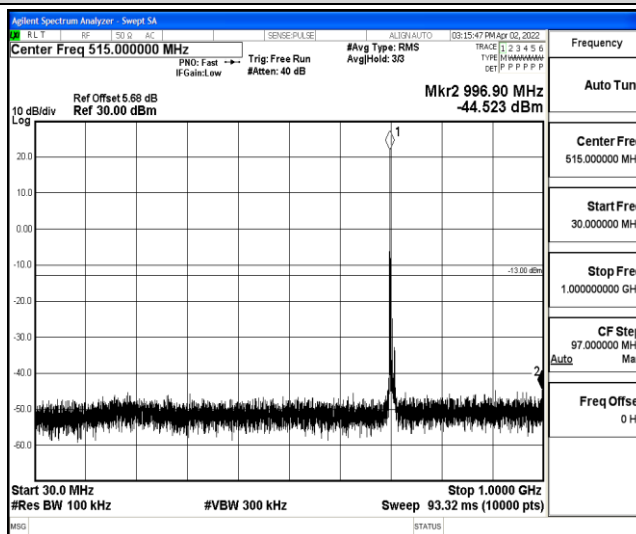




Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz

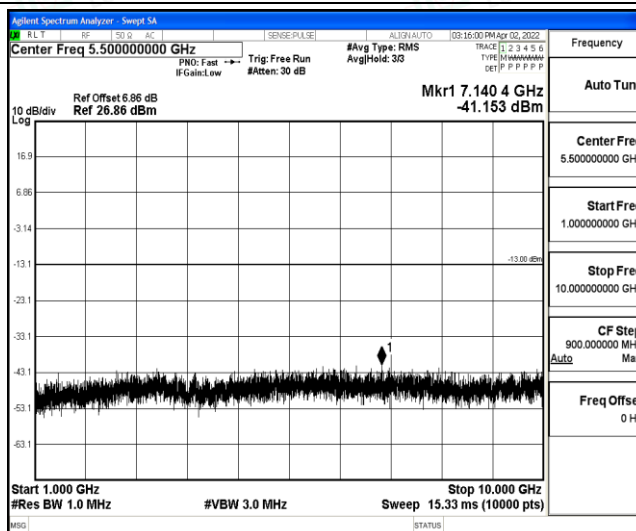


Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz

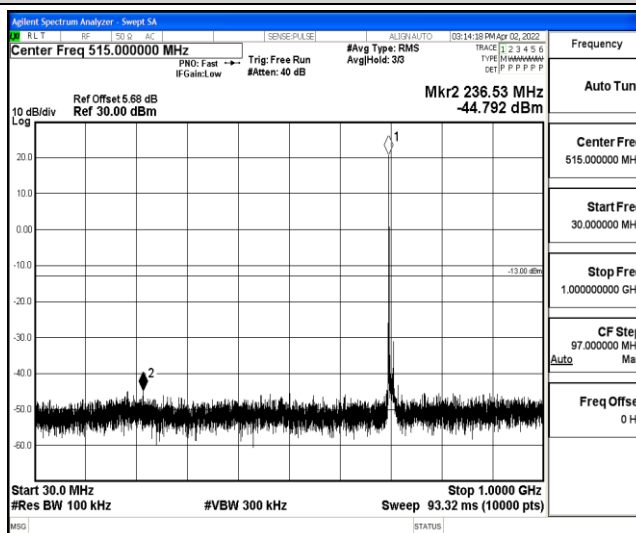


Band17-10MHz-QPSK-23800-1RB#0-Range2:1000~10000MHz

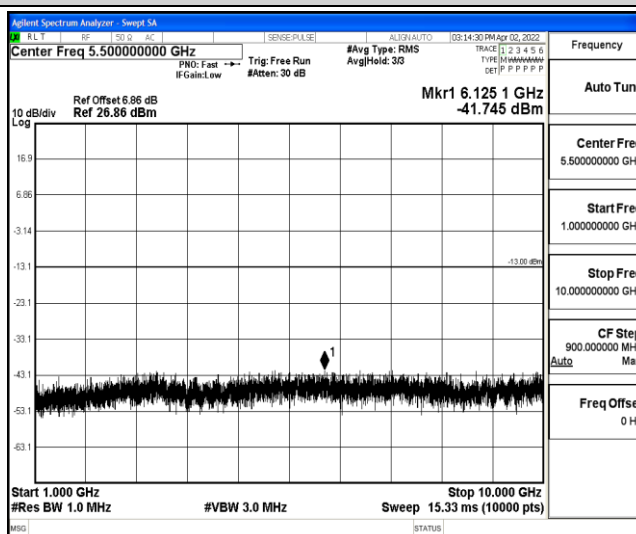




Band17-10MHz-16QAM-23780-1RB#0-Range1:30~1000MHz

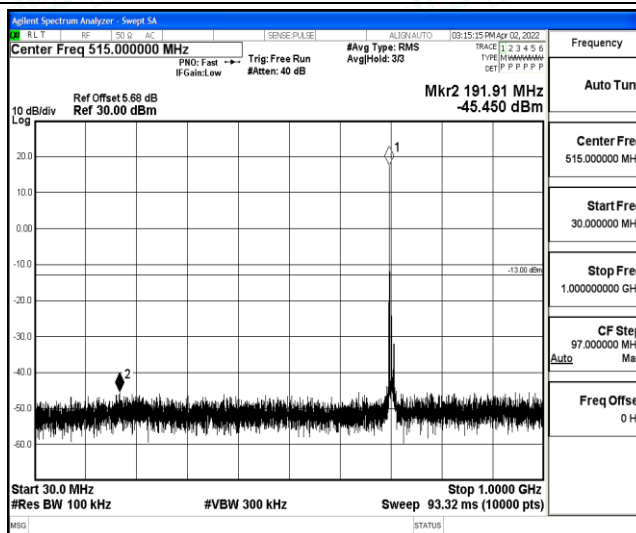


Band17-10MHz-16QAM-23780-1RB#0-Range2:1000~10000MHz

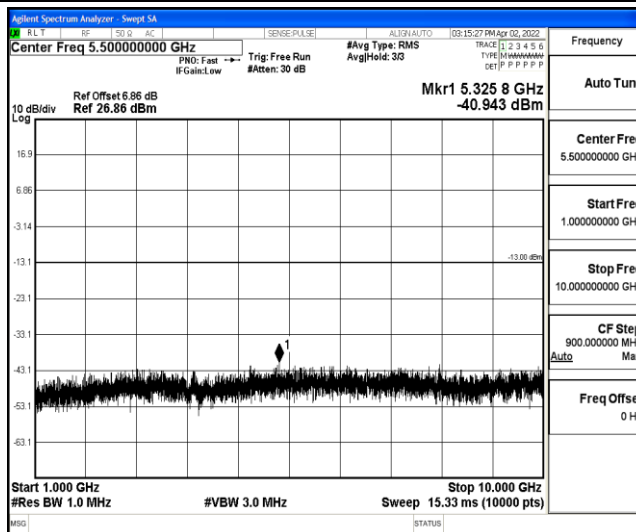


Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz

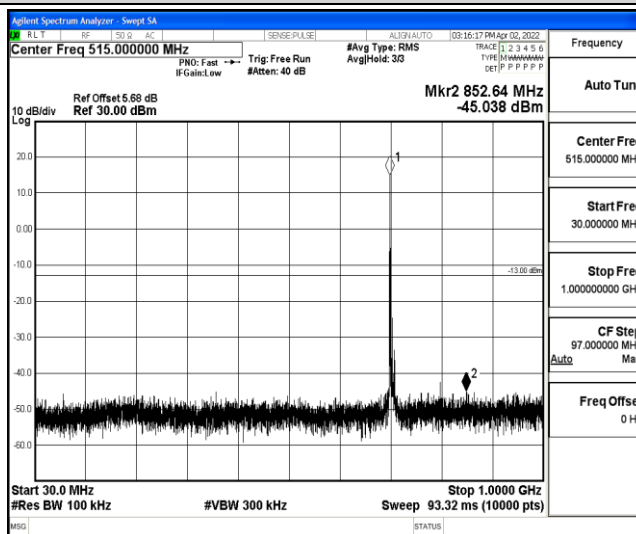




Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range1:30~1000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range2:1000~10000MHz



