



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





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



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Scan code to check authenticity



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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Scan code to check authenticity



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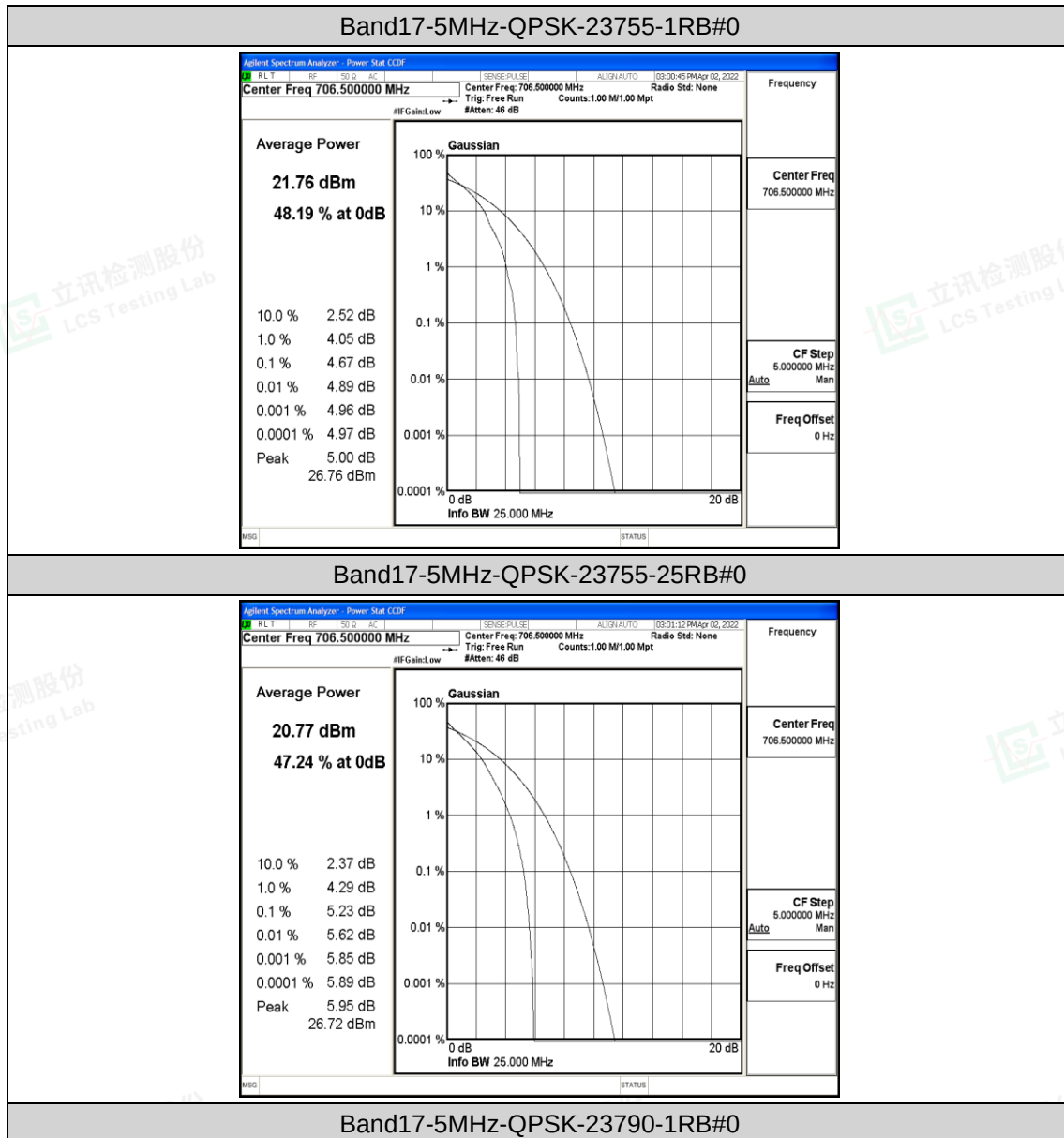
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

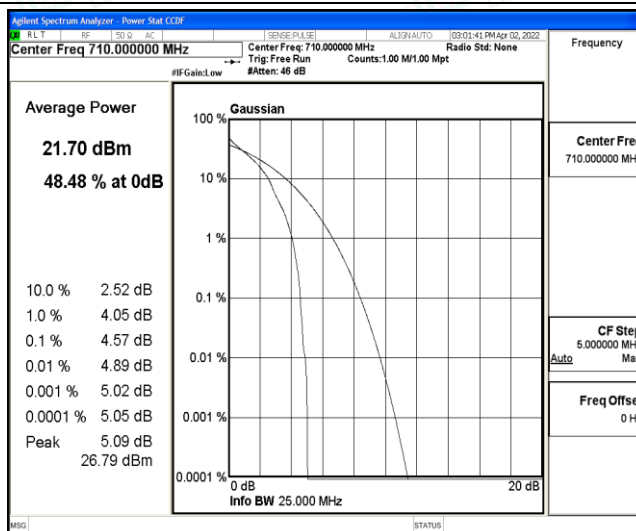
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

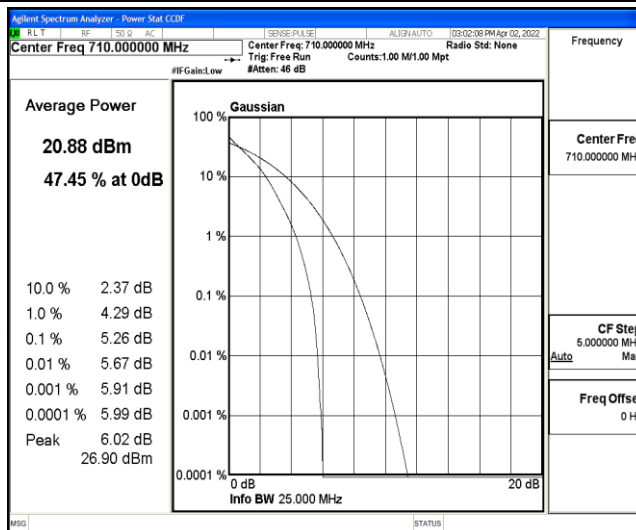


Test Graphs

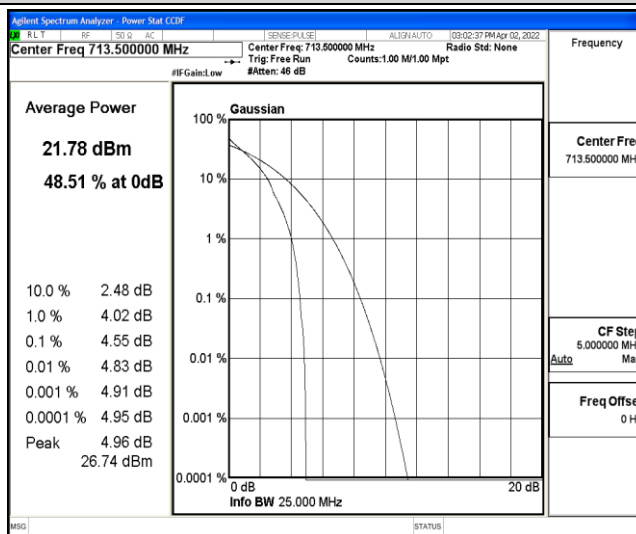




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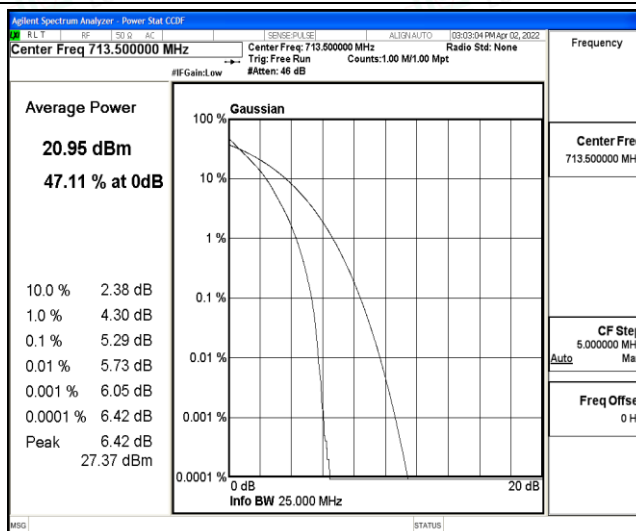


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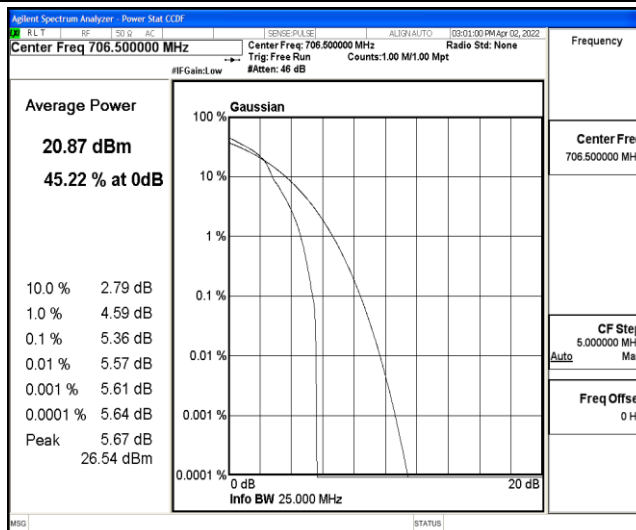


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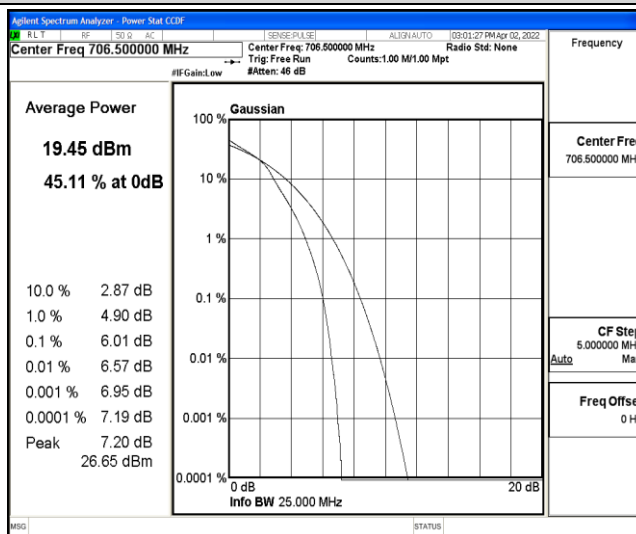




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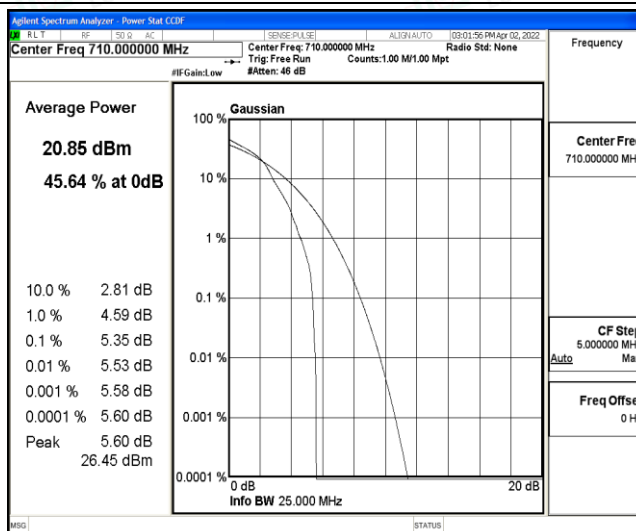


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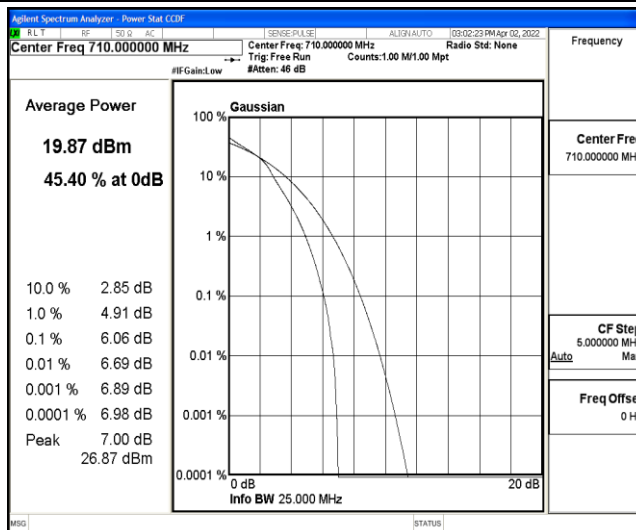


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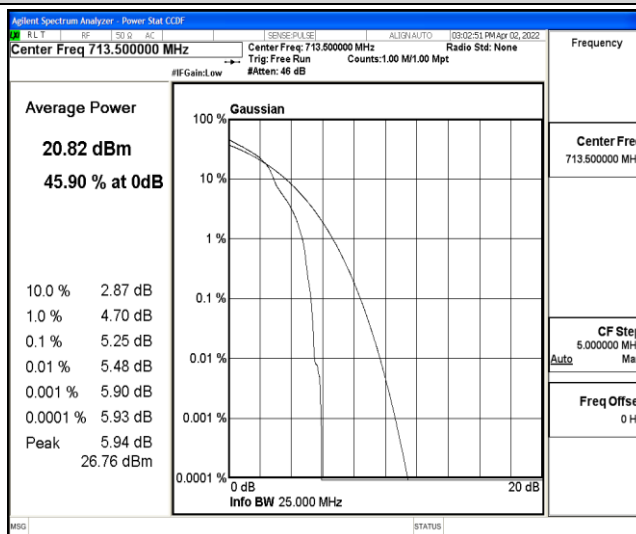




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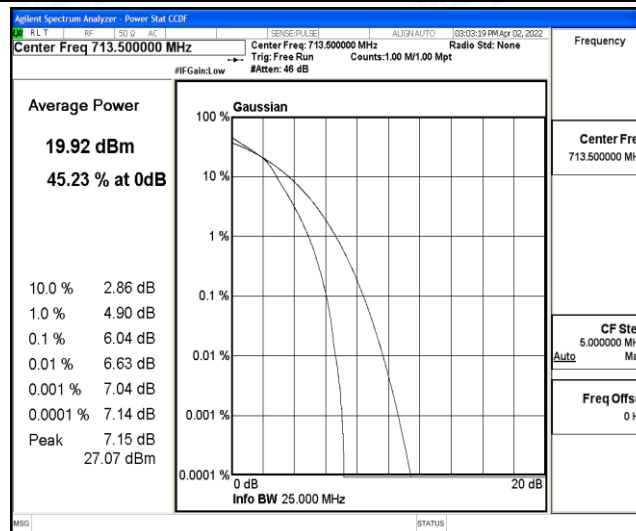


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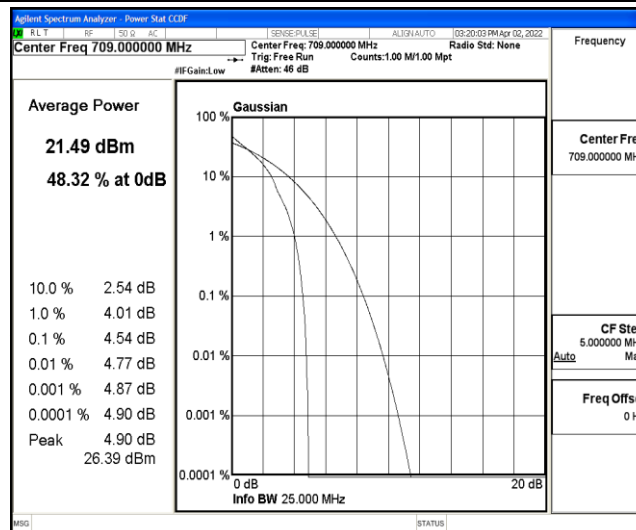


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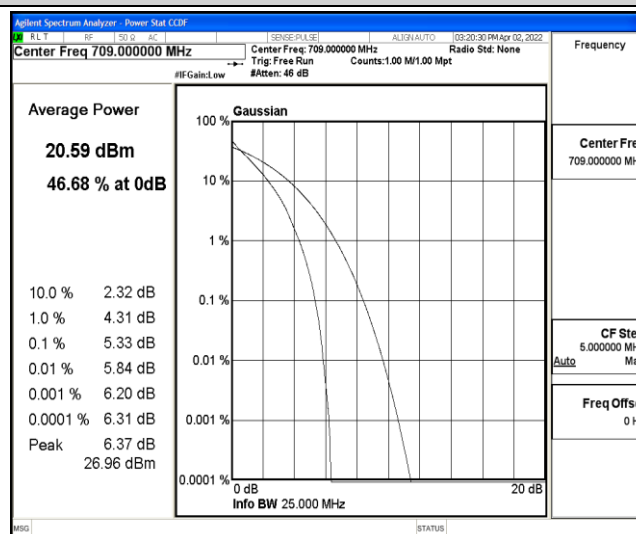




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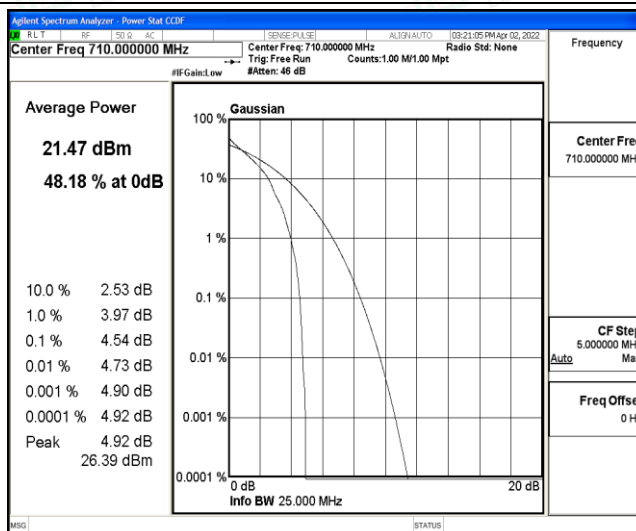


Band17-10MHz-QPSK-23780-50RB#0

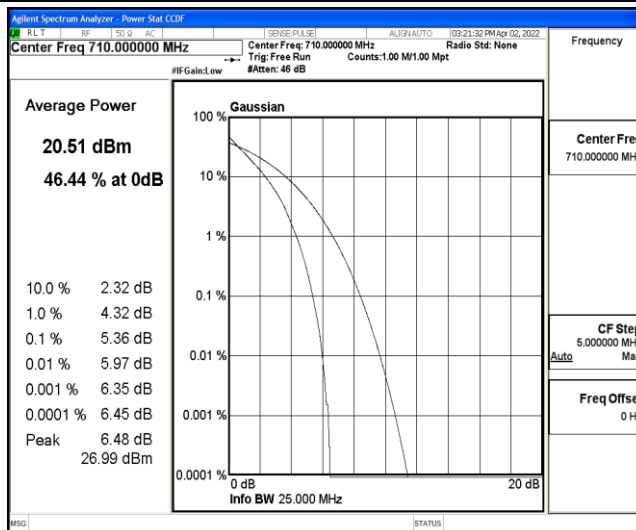


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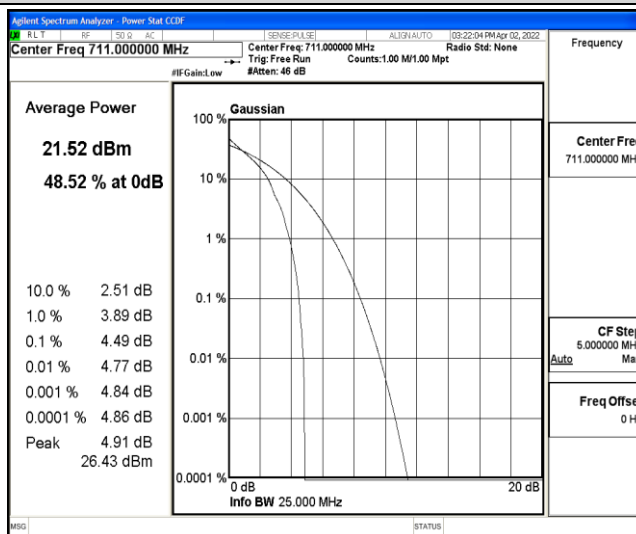




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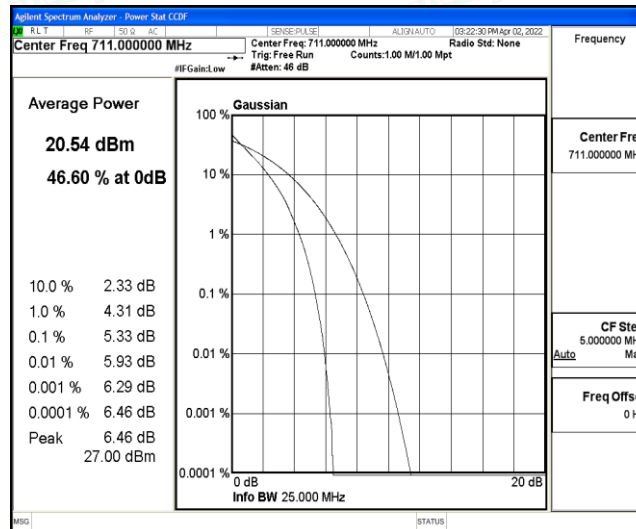


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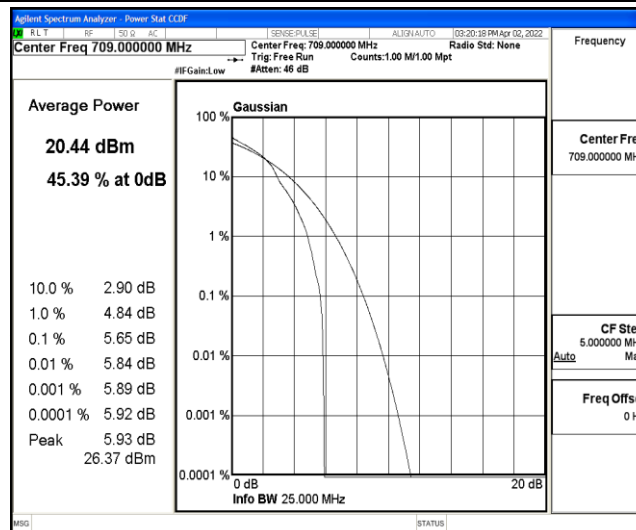


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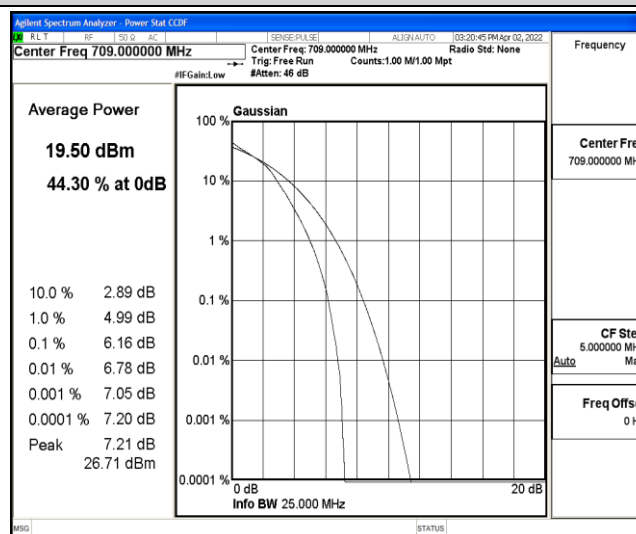




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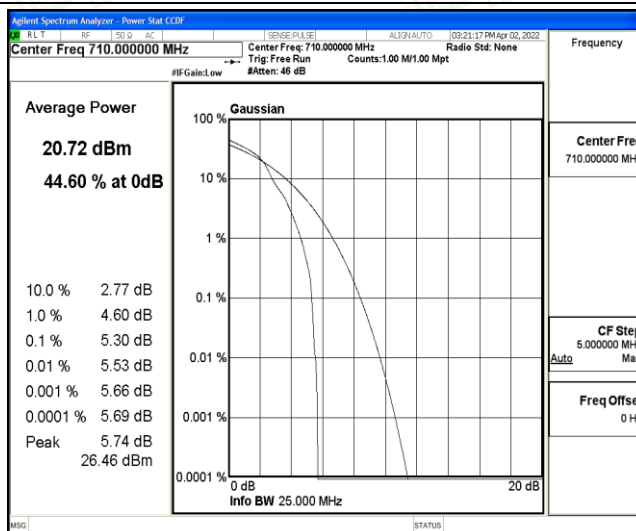


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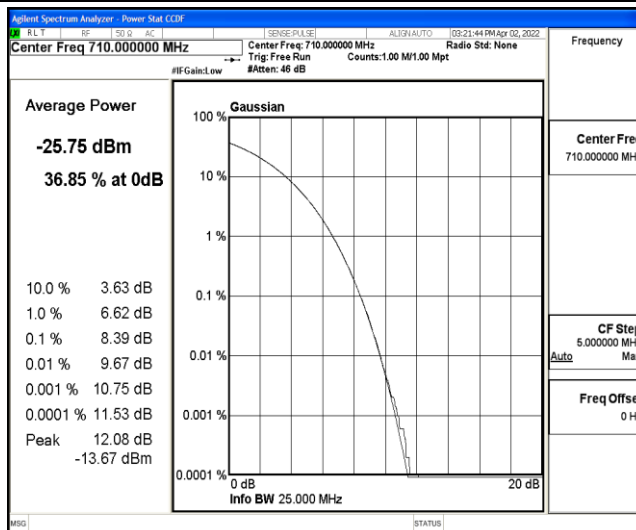


Band17-10MHz-16QAM-23790-1RB#0

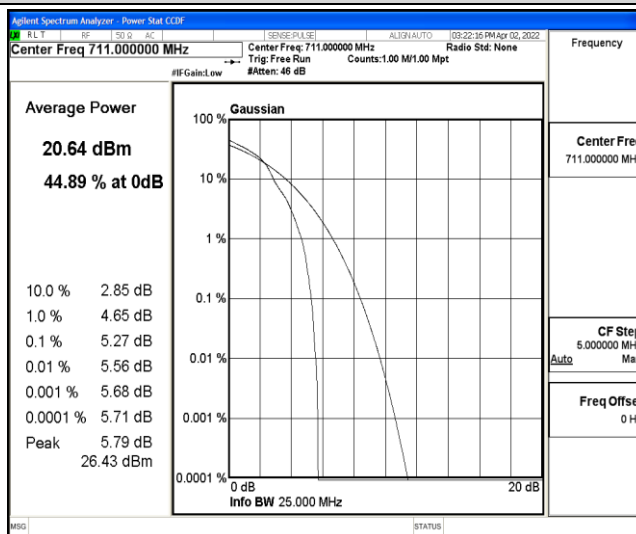




Band17-10MHz-16QAM-23790-50RB#0



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



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

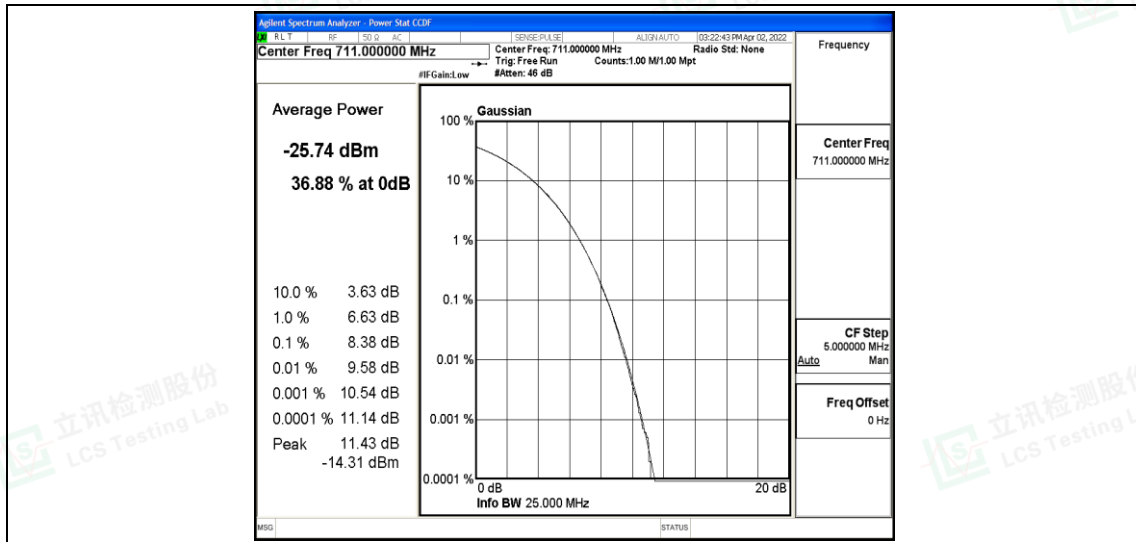


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Scan code to check authenticity





M.3 26dB Bandwidth and Occupied Bandwidth

Test Result

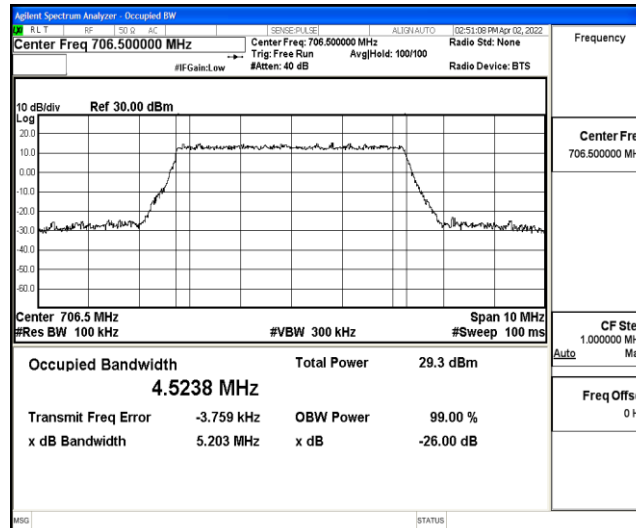
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5238	5.203	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5057	5.141	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5187	5.362	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5196	5.187	PASS
Band17	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



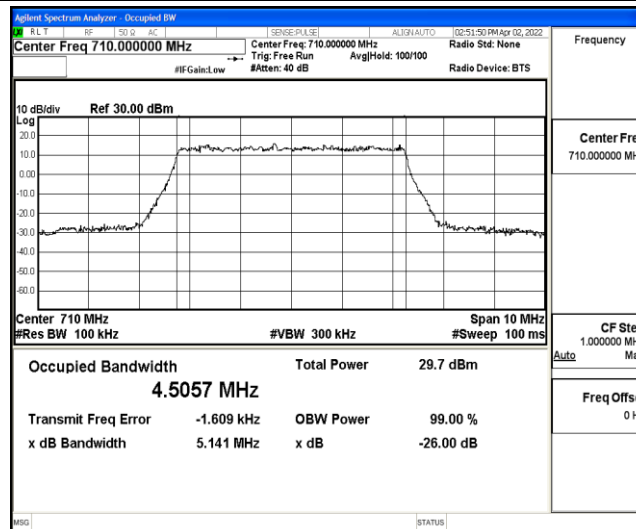


Test Graphs

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

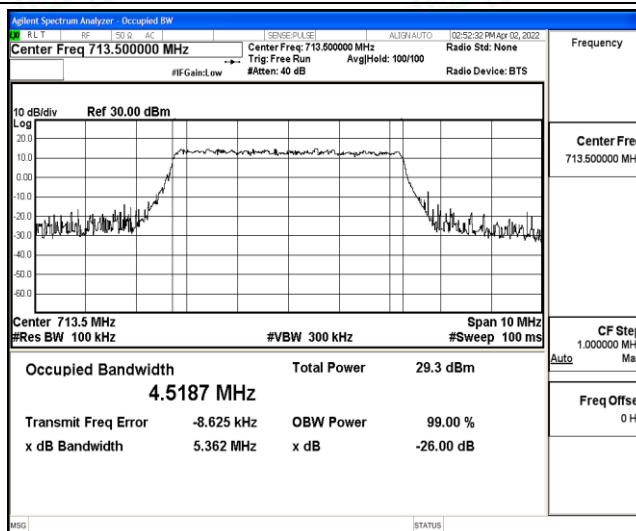


Band17-5MHz-QPSK-23790-25RB#0

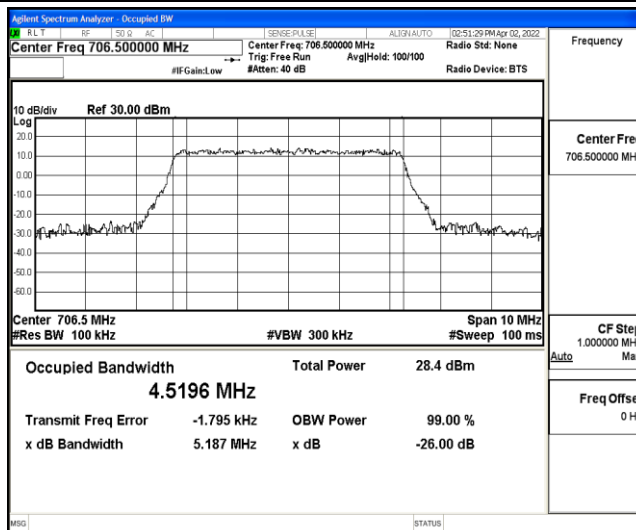


Band17-5MHz-QPSK-23825-25RB#0

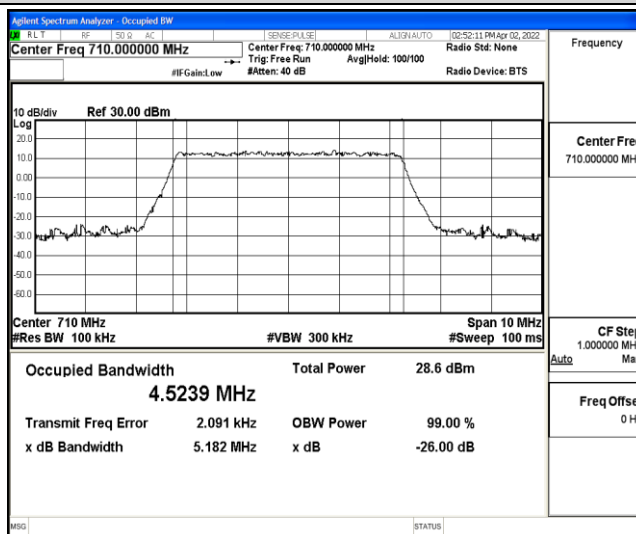




Band17-5MHz-16QAM-23755-25RB#0

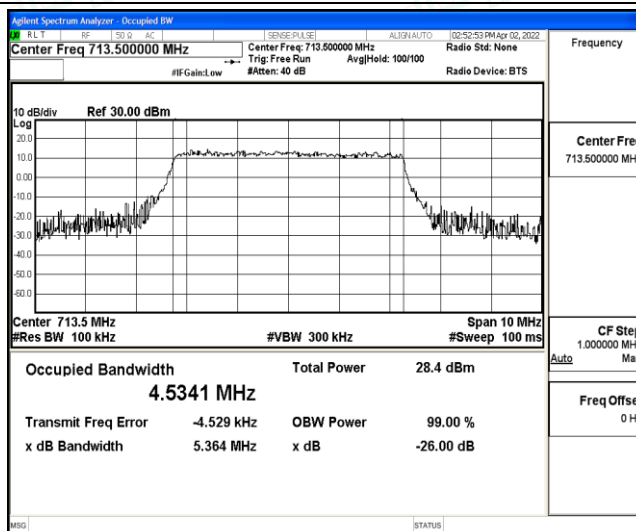


Band17-5MHz-16QAM-23790-25RB#0

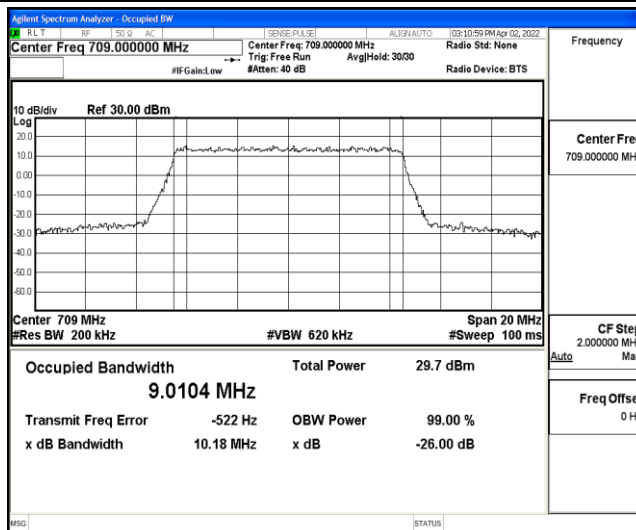


Band17-5MHz-16QAM-23825-25RB#0

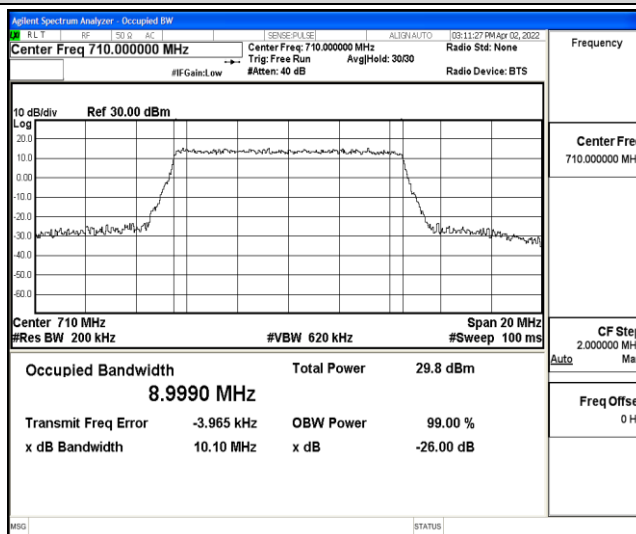




Band17-10MHz-QPSK-23780-50RB#0

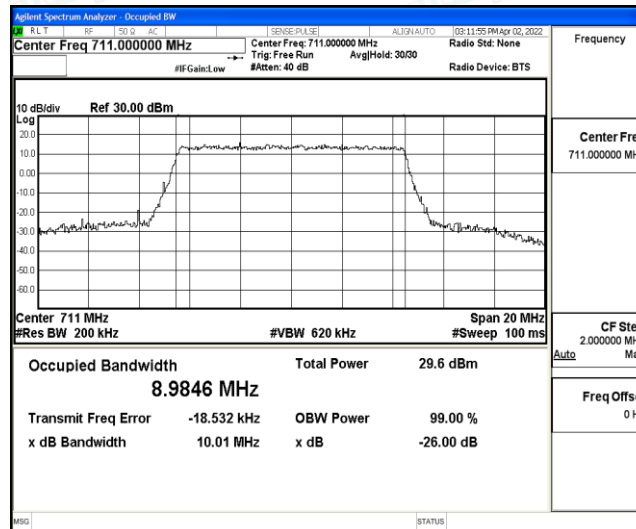


Band17-10MHz-QPSK-23790-50RB#0

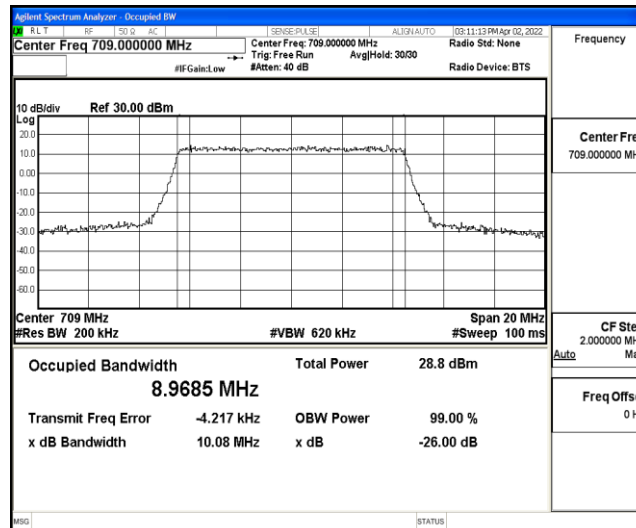


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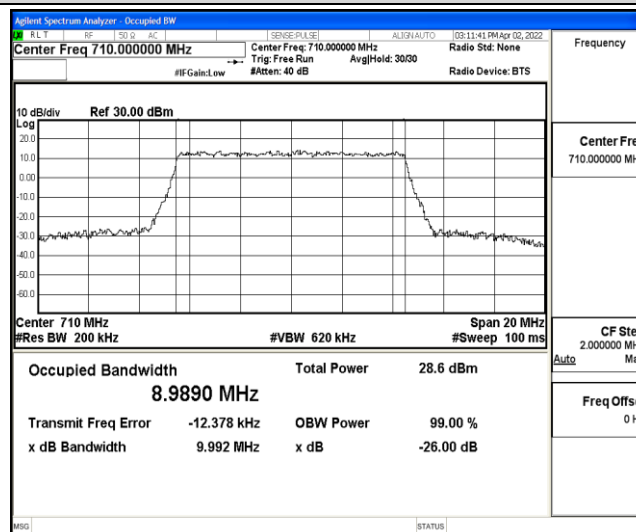




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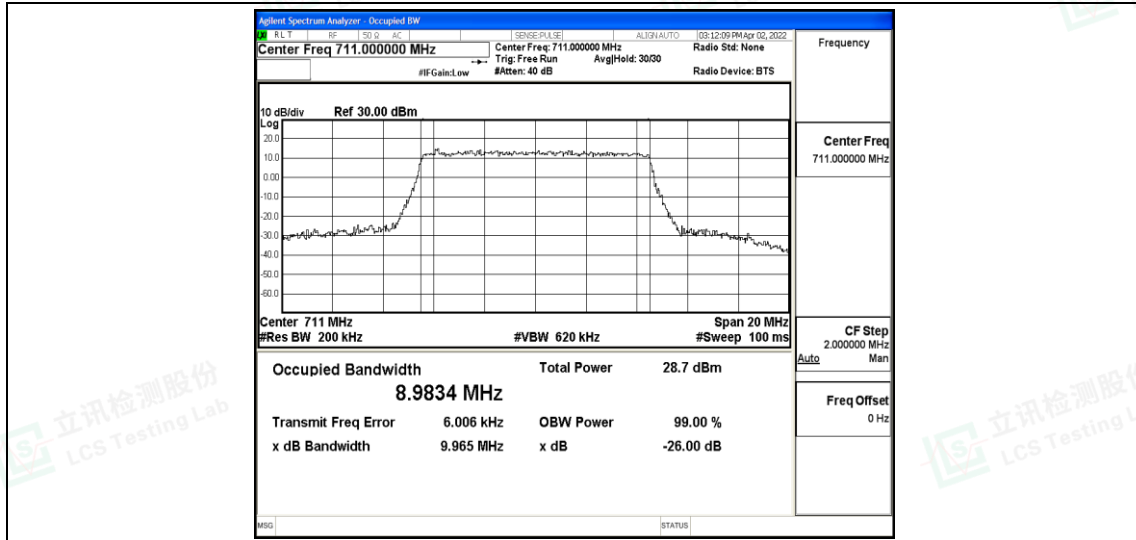


Band17-10MHz-16QAM-23790-50RB#0



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





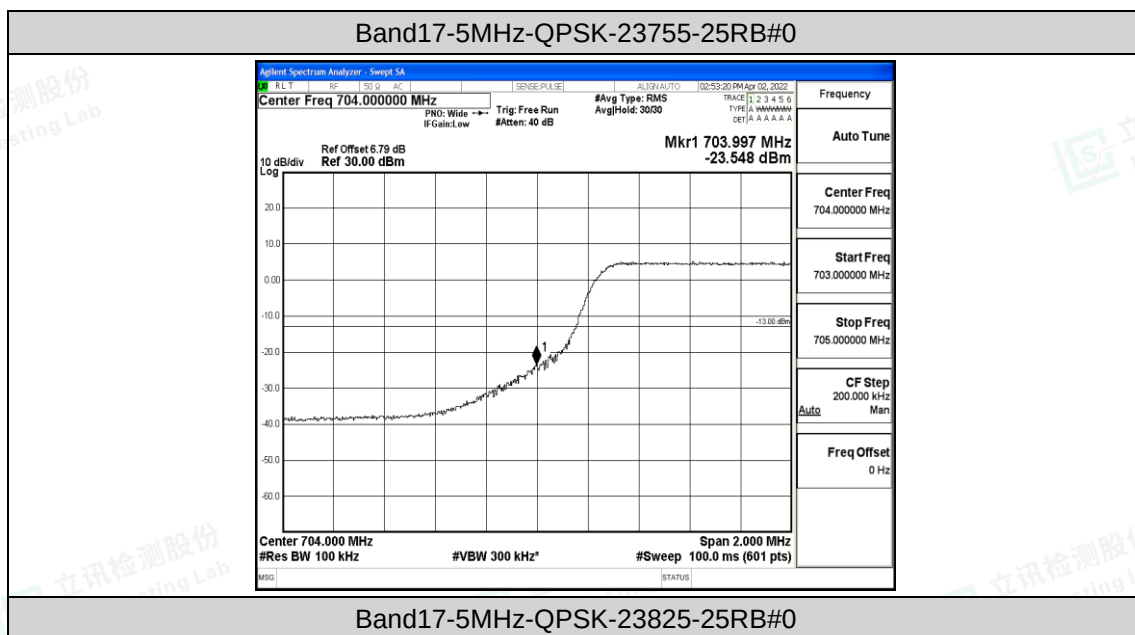


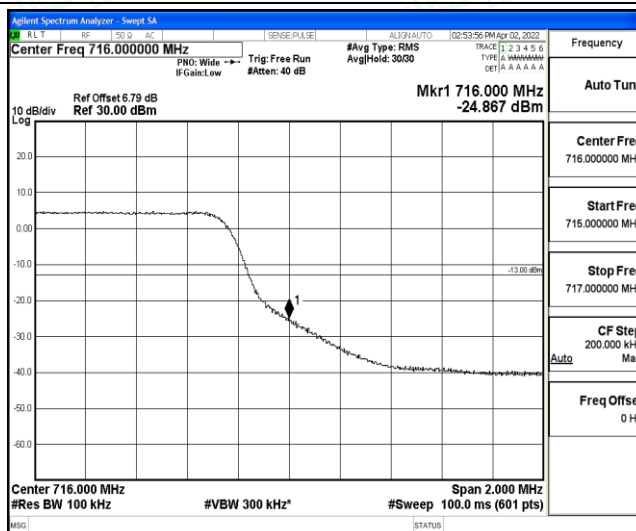
M.4 Band Edge

Test Result

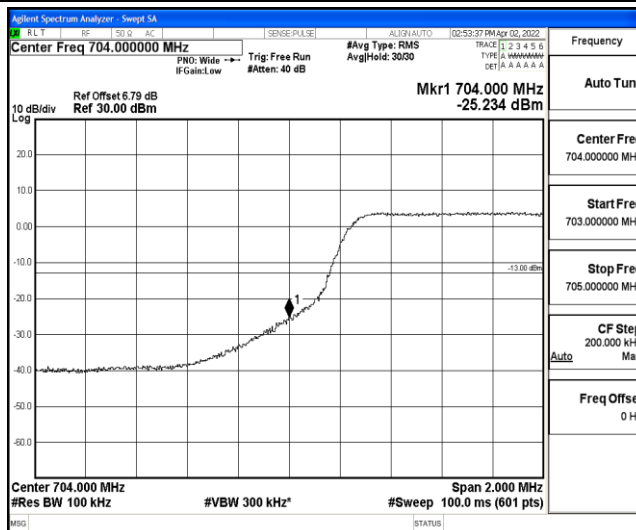
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-23.55	PASS
Band17	5MHz	QPSK	23825	25RB#0	-24.87	PASS
Band17	5MHz	16QAM	23755	25RB#0	-25.23	PASS
Band17	5MHz	16QAM	23825	25RB#0	-25.58	PASS
Band17	10MHz	QPSK	23780	50RB#0	-30.79,-28.45	PASS
Band17	10MHz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

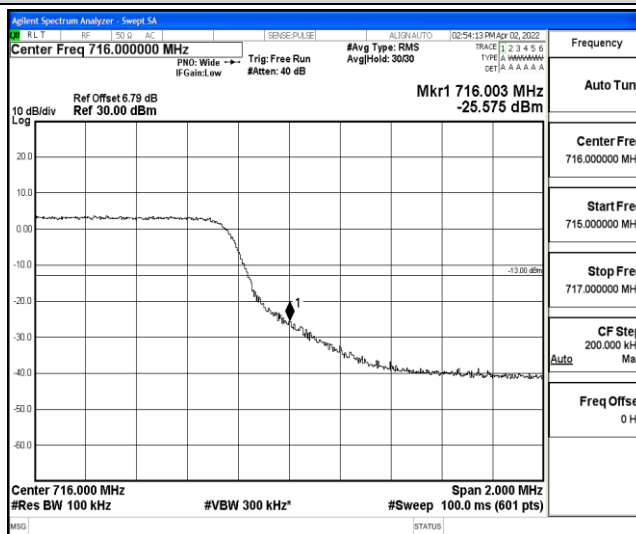




Band17-5MHz-16QAM-23755-25RB#0

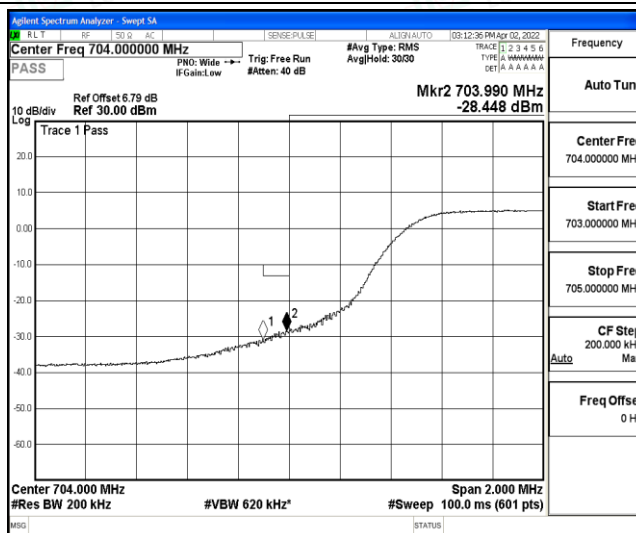


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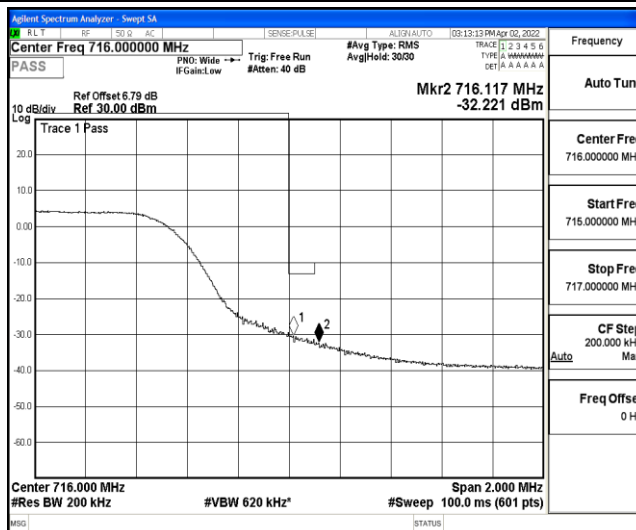


Band17-10MHz-QPSK-23780-50RB#0

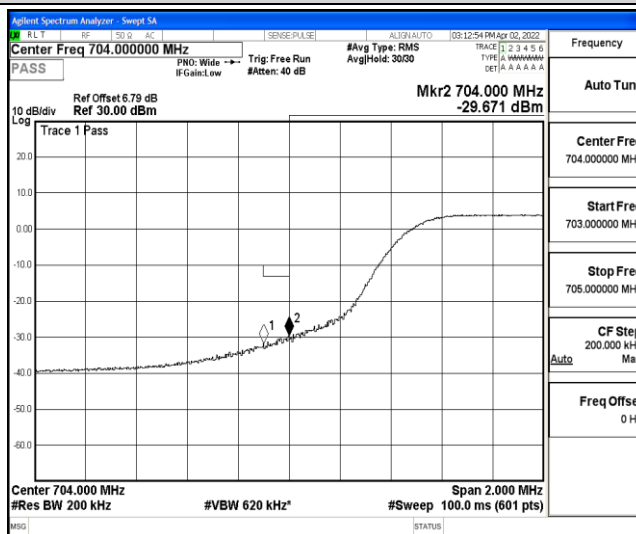




Band17-10MHz-QPSK-23800-50RB#0

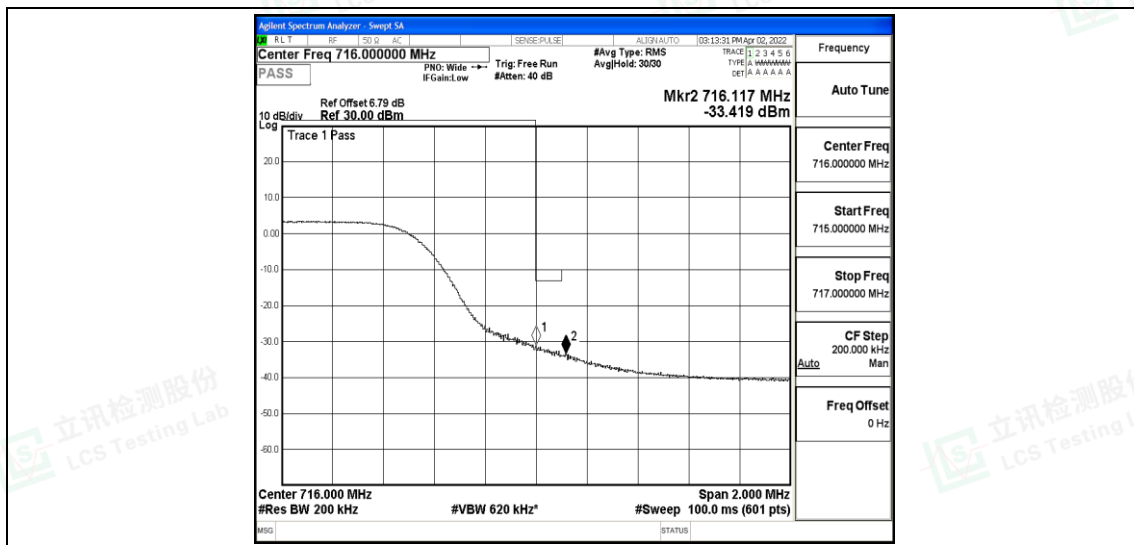


Band17-10MHz-16QAM-23780-50RB#0



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







M.5 Conducted Spurious Emission

Test Result

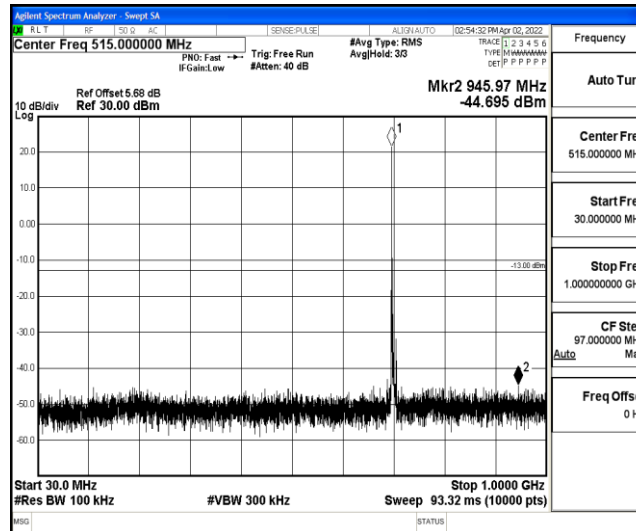
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-44.7	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-40.87	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-44.03	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-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



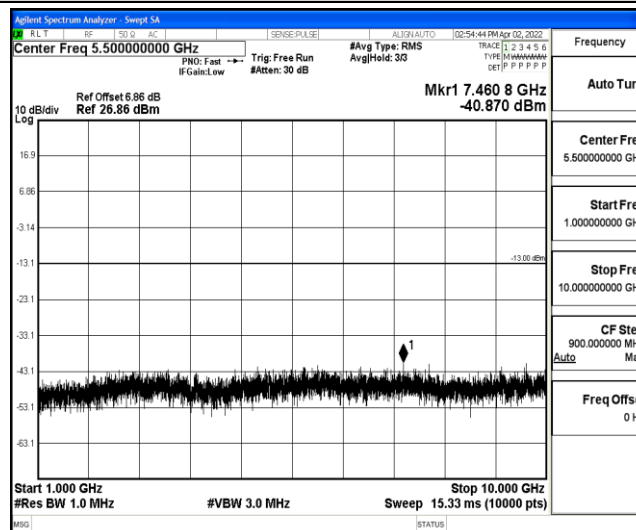


Test Graphs

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

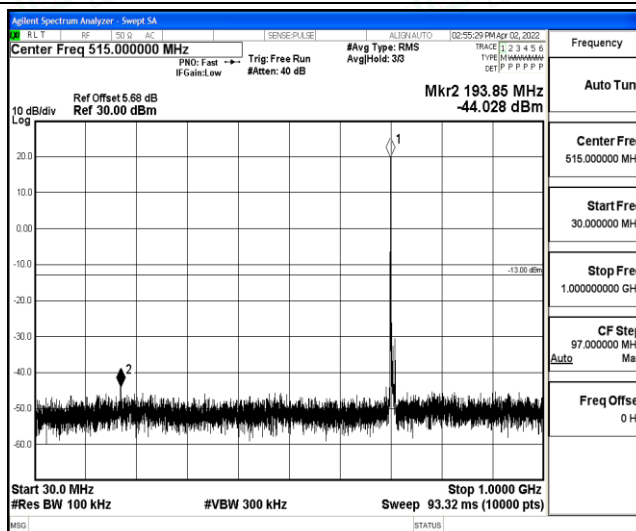


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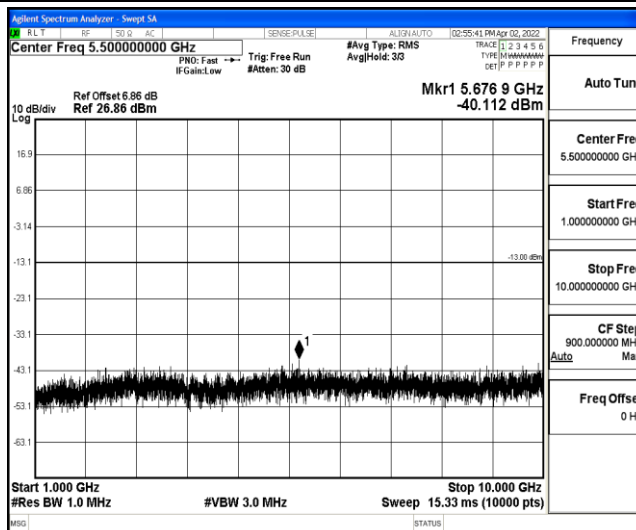
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

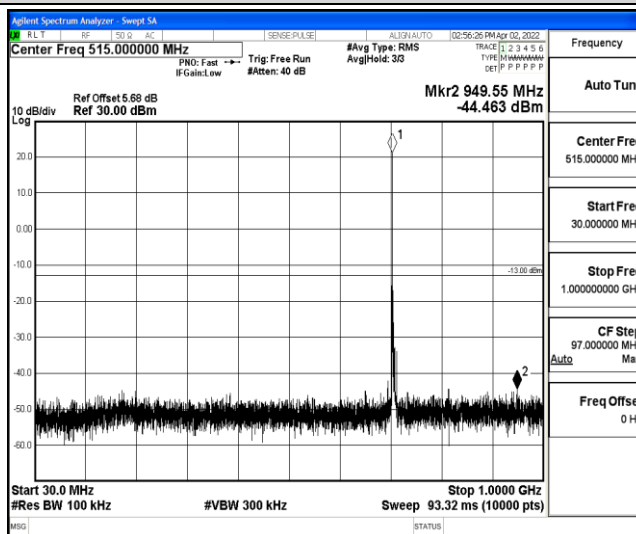
Scan code to check authenticity



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

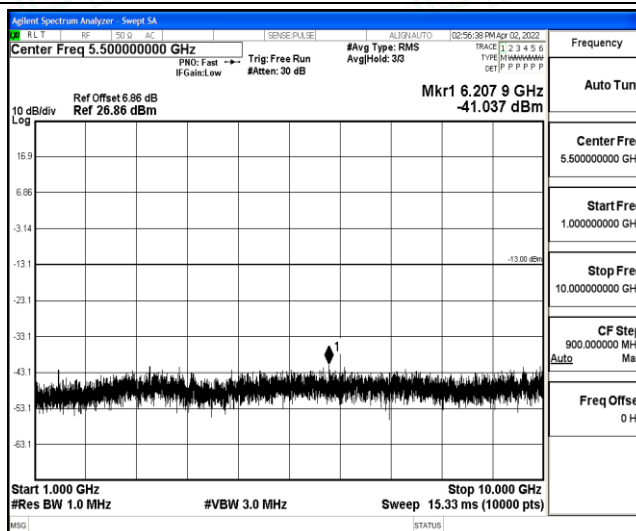


Band17-5MHz-QPSK-23825-1RB#0-Range1:30~1000MHz

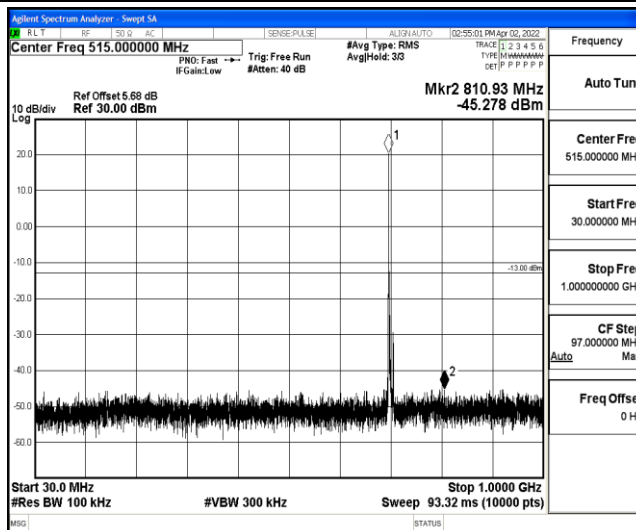


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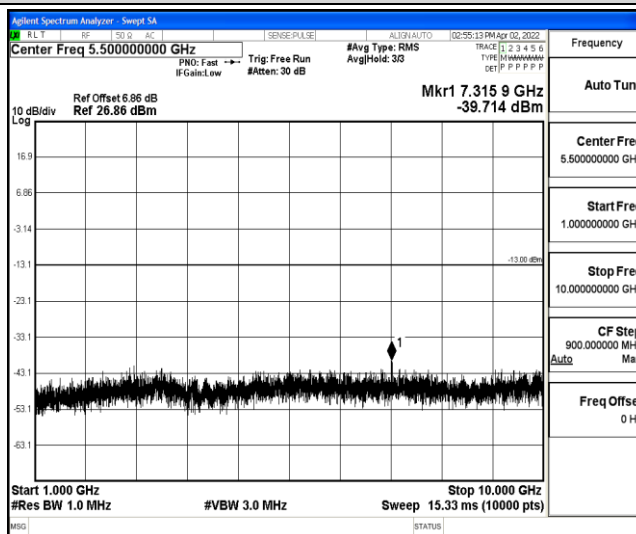




Band17-5MHz-16QAM-23755-1RB#0-Range1:30~1000MHz

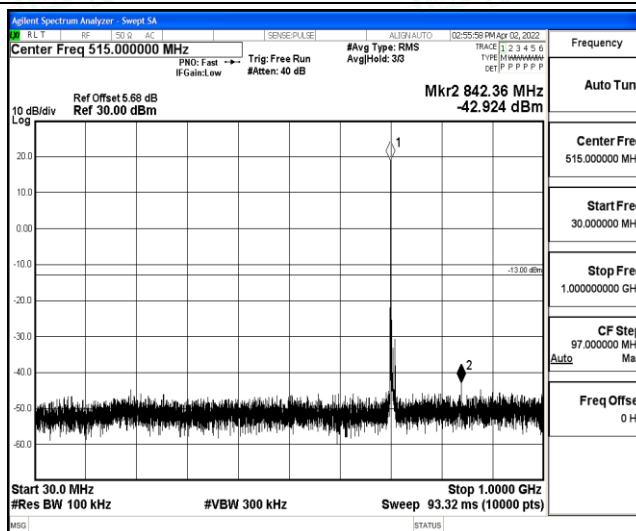


Band17-5MHz-16QAM-23755-1RB#0-Range2:1000~10000MHz

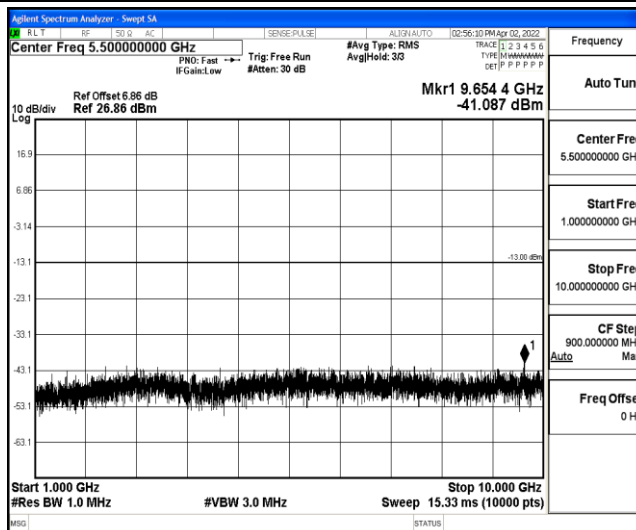


Band17-5MHz-16QAM-23790-1RB#0-Range1:30~1000MHz

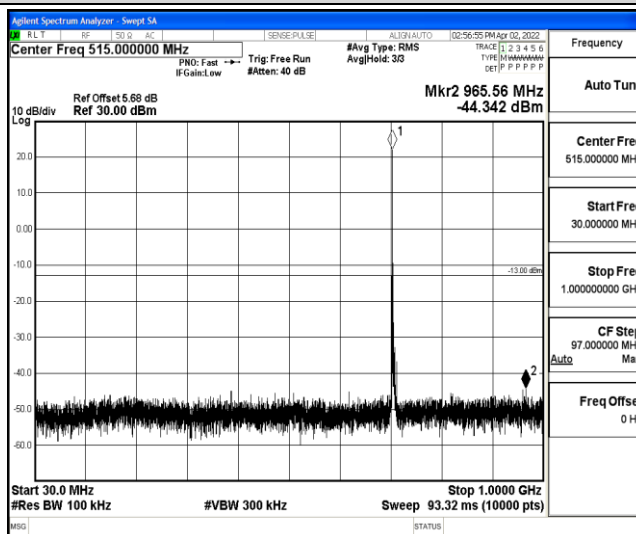




Band17-5MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz

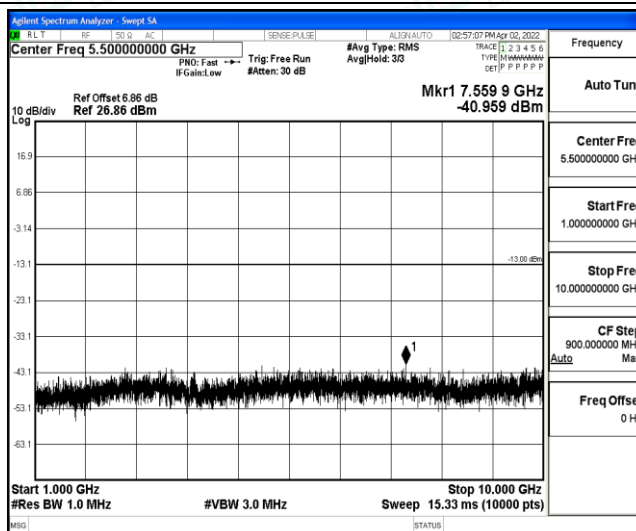


Band17-5MHz-16QAM-23825-1RB#0-Range1:30~1000MHz

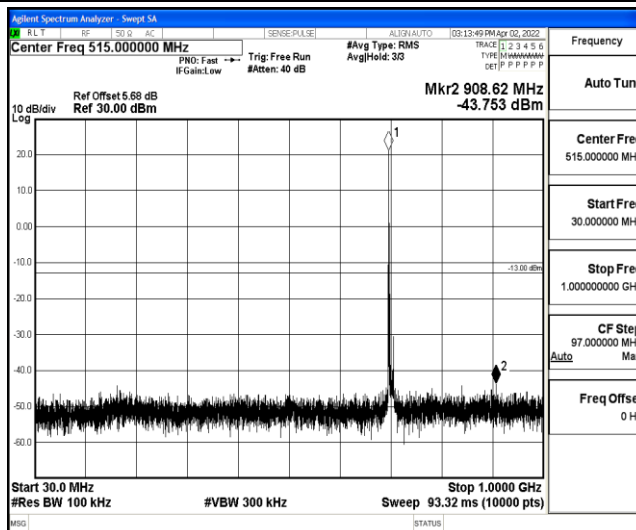


Band17-5MHz-16QAM-23825-1RB#0-Range2:1000~10000MHz

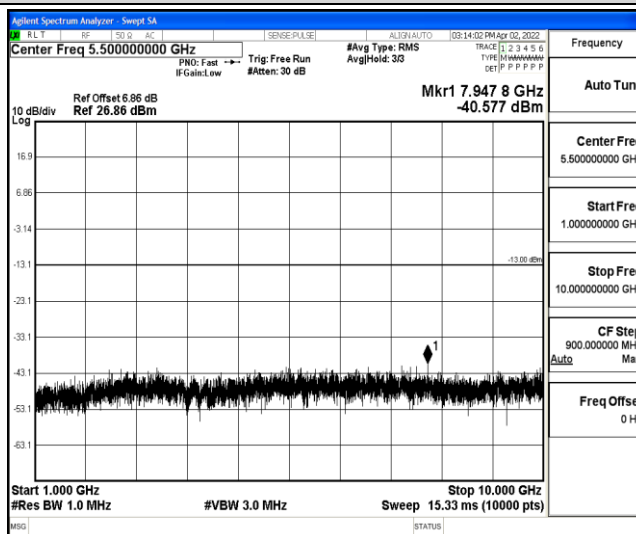




Band17-10MHz-QPSK-23780-1RB#0-Range1:30~1000MHz



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



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

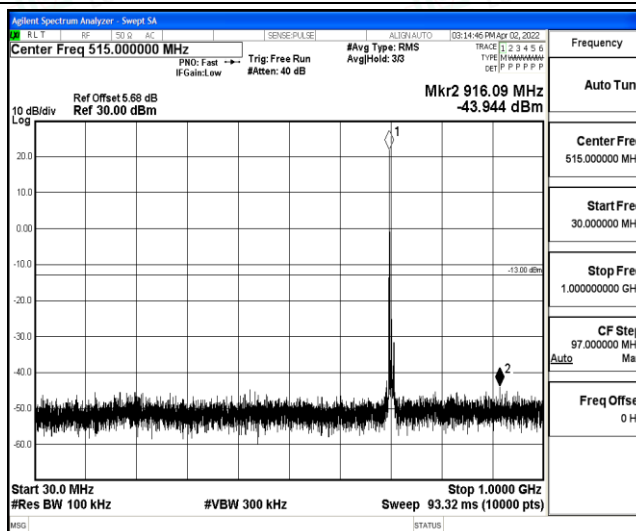


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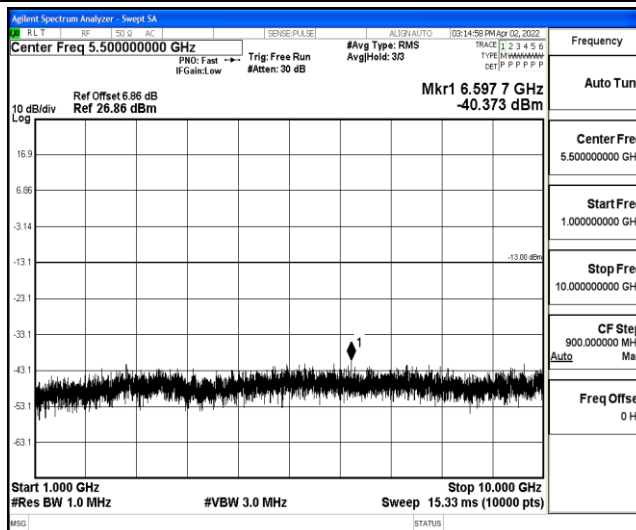
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

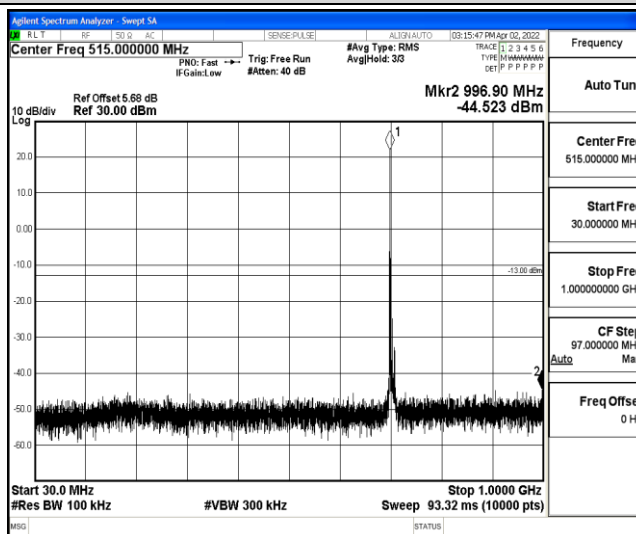
Scan code to check authenticity



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

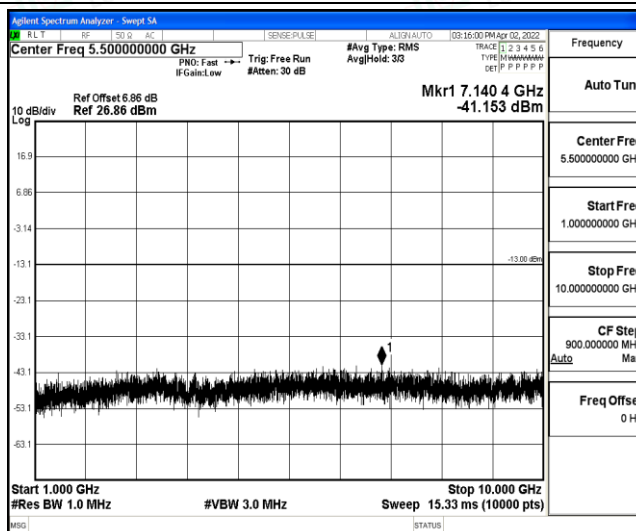


Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz

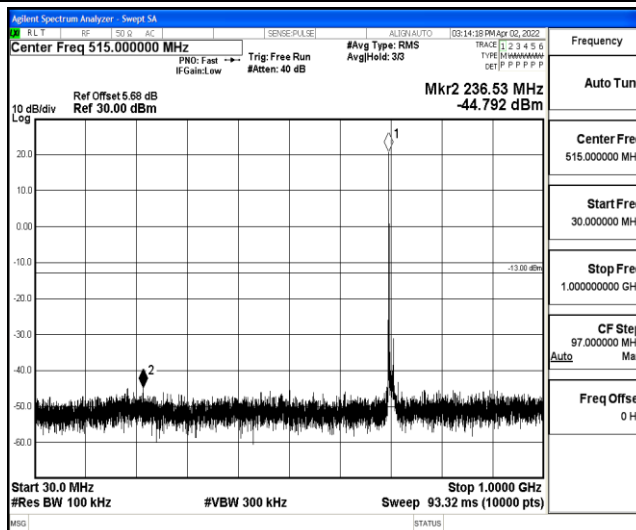


Band17-10MHz-QPSK-23800-1RB#0-Range2:1000~10000MHz

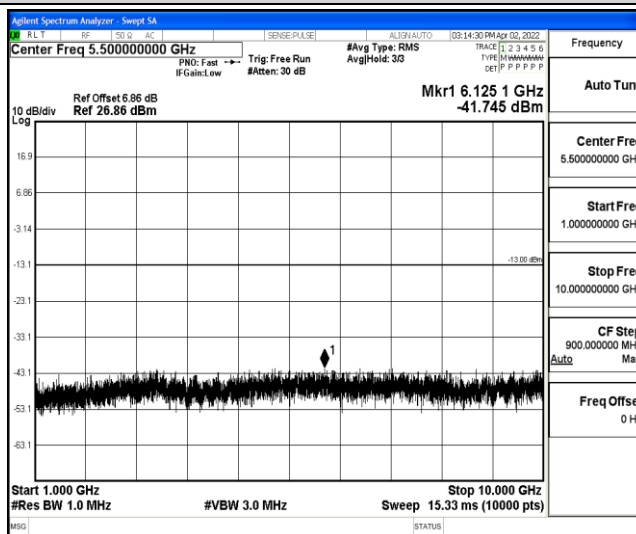




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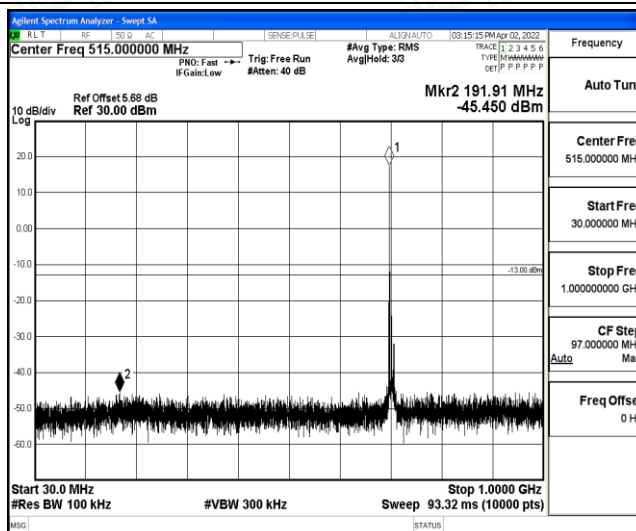


Band17-10MHz-16QAM-23780-1RB#0-Range2:1000~10000MHz

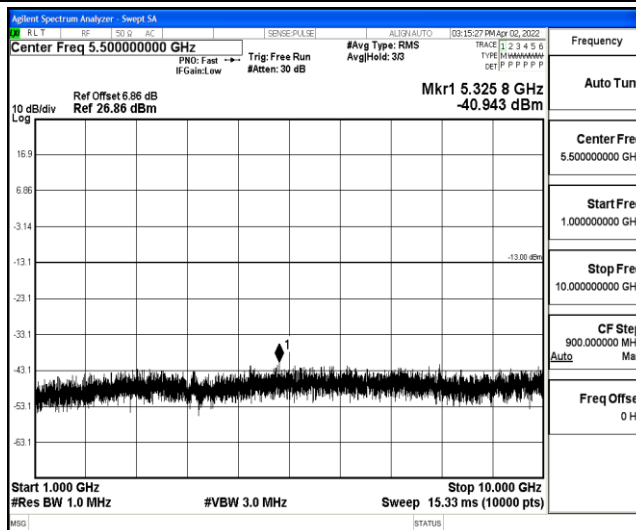


Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz

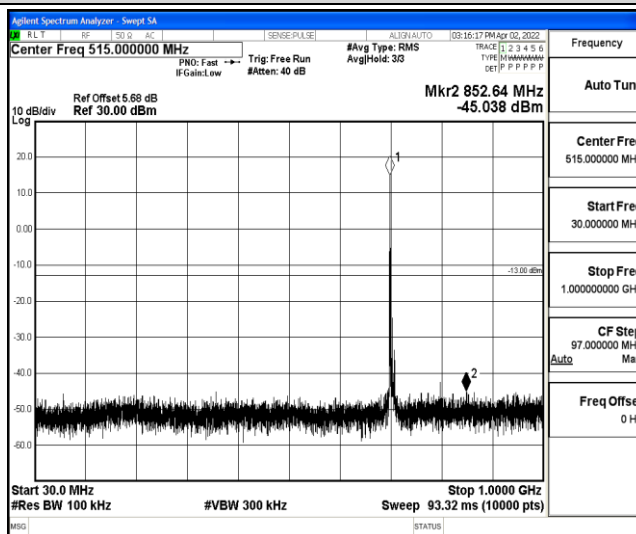




Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



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



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



