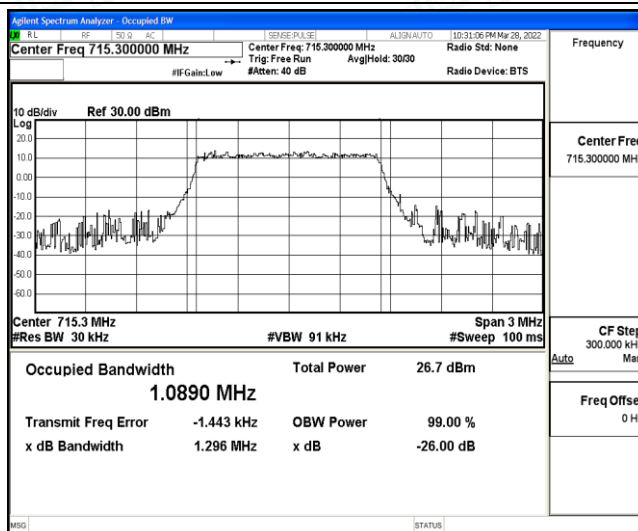
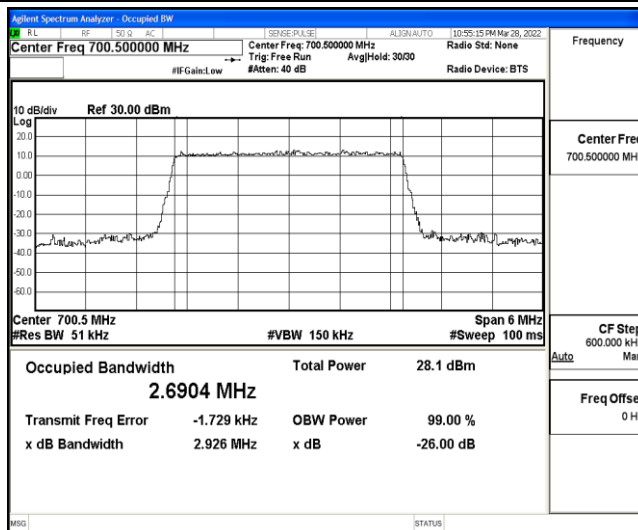
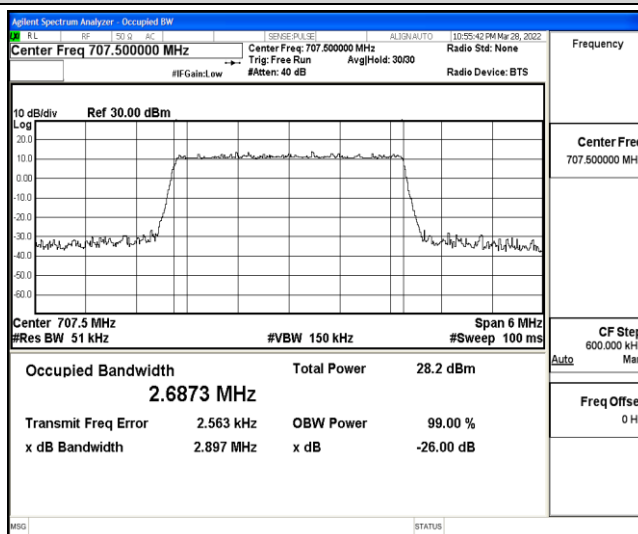




Band12-3MHz-QPSK-23025-15RB#0



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



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

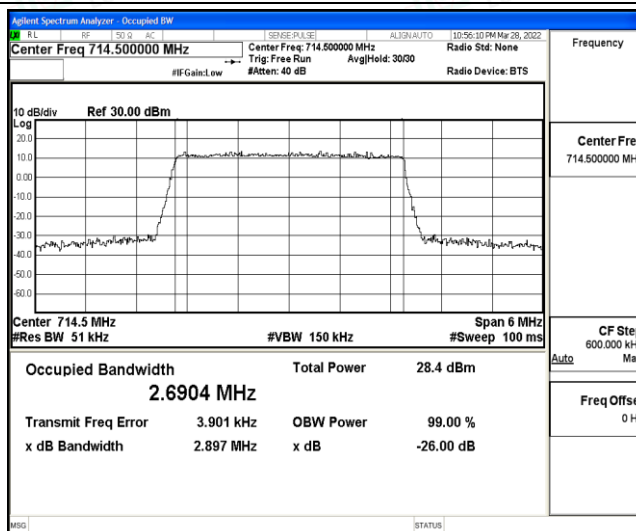


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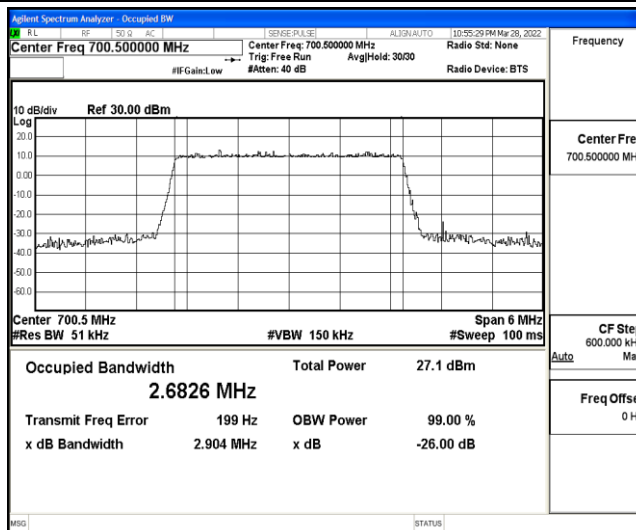
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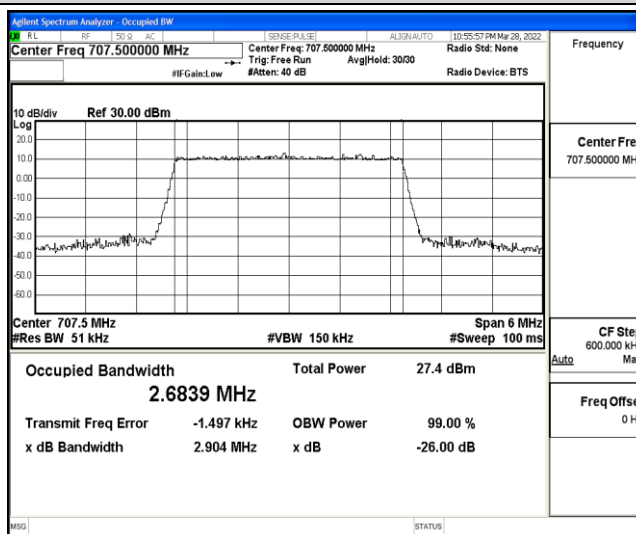
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Band12-3MHz-16QAM-23025-15RB#0

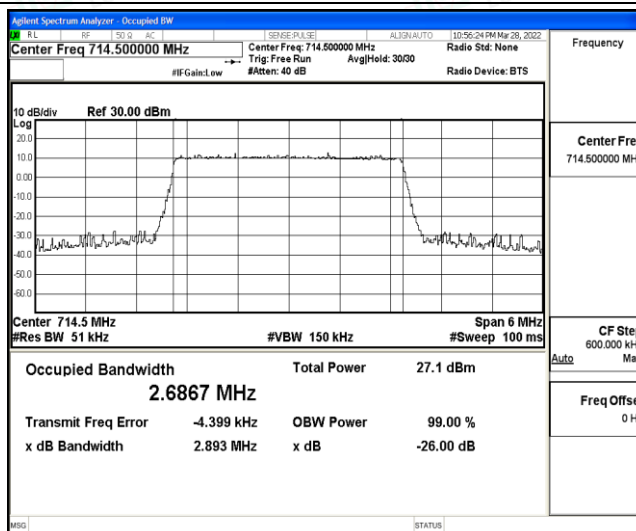


Band12-3MHz-16QAM-23095-15RB#0

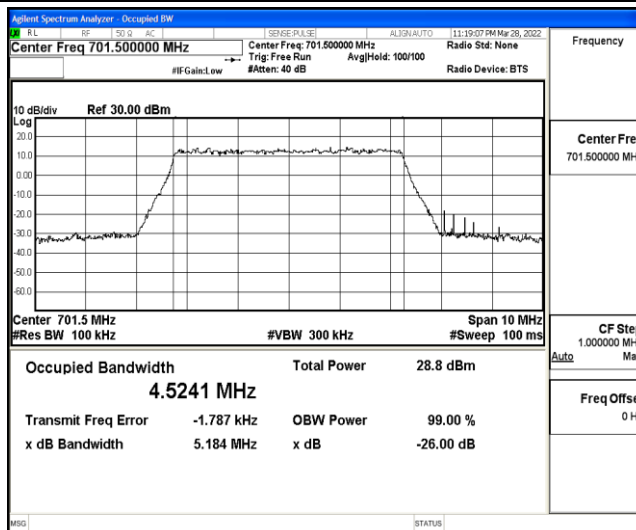


Band12-3MHz-16QAM-23165-15RB#0

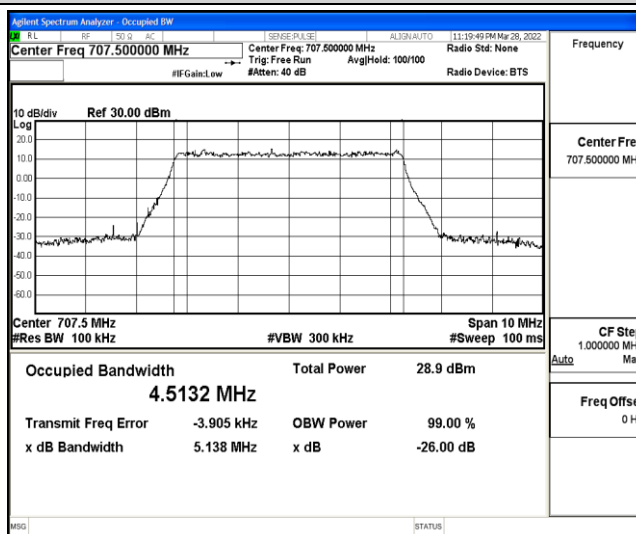




Band12-5MHz-QPSK-23035-25RB#0

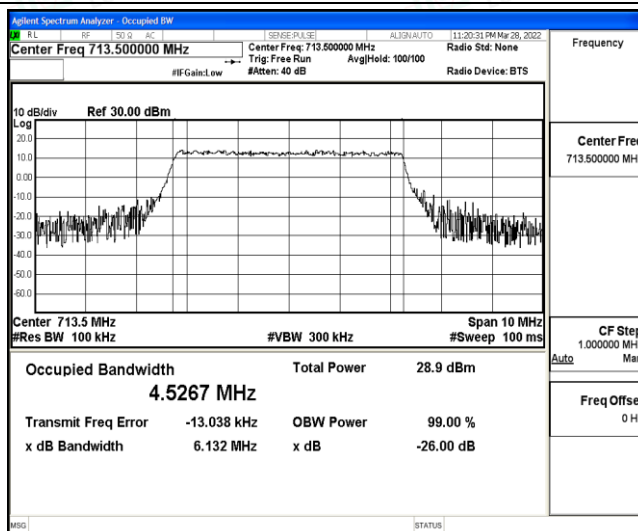


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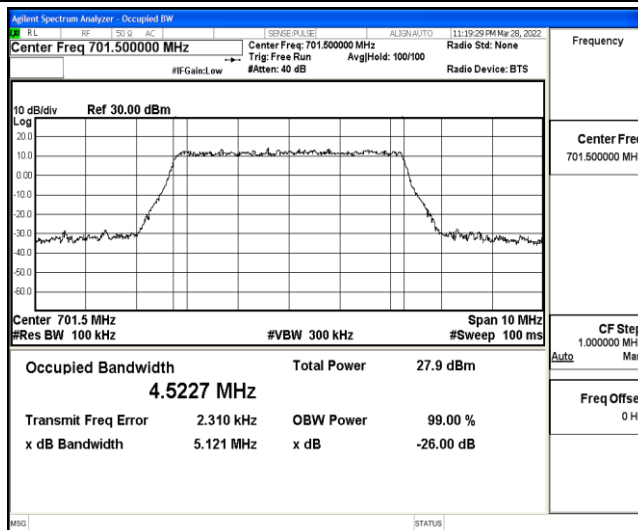


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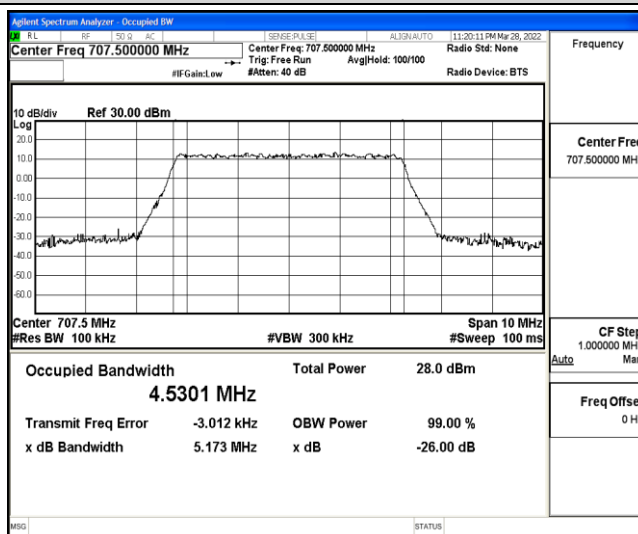




Band12-5MHz-16QAM-23035-25RB#0



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



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

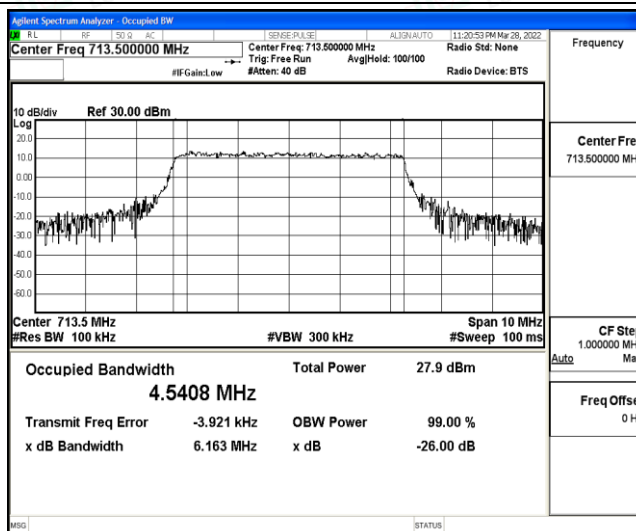


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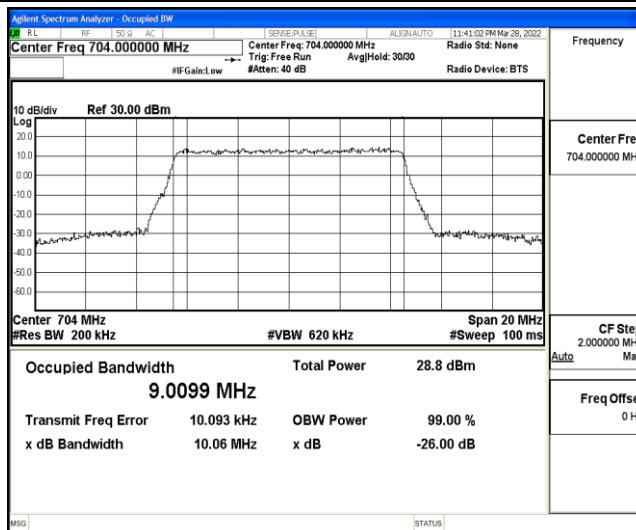
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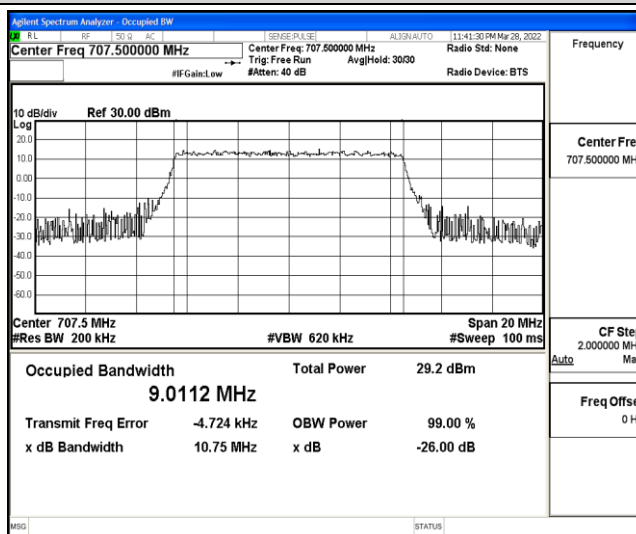
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Band12-10MHz-QPSK-23060-50RB#0



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



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

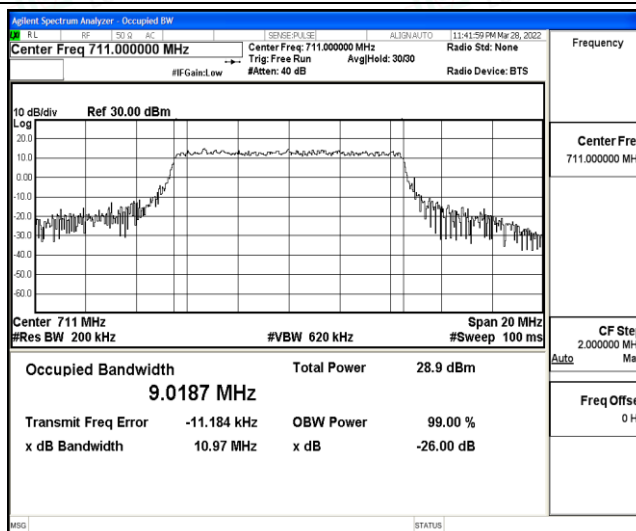


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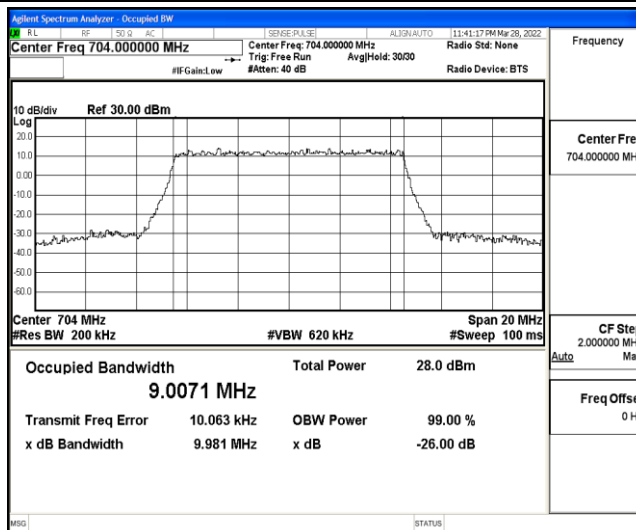
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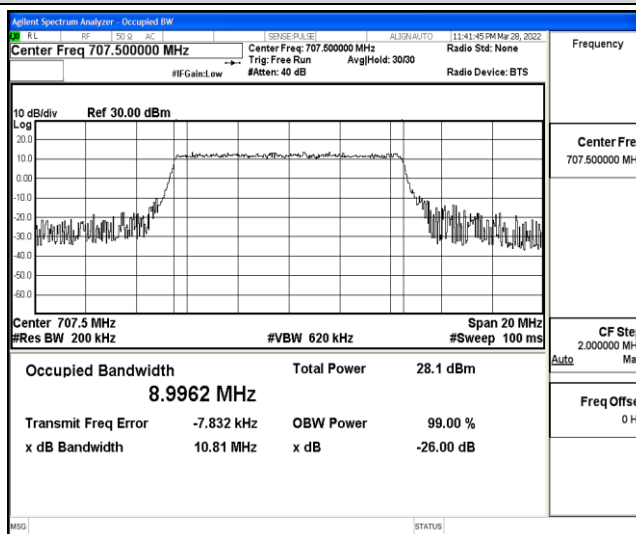
Scan code to check authenticity



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

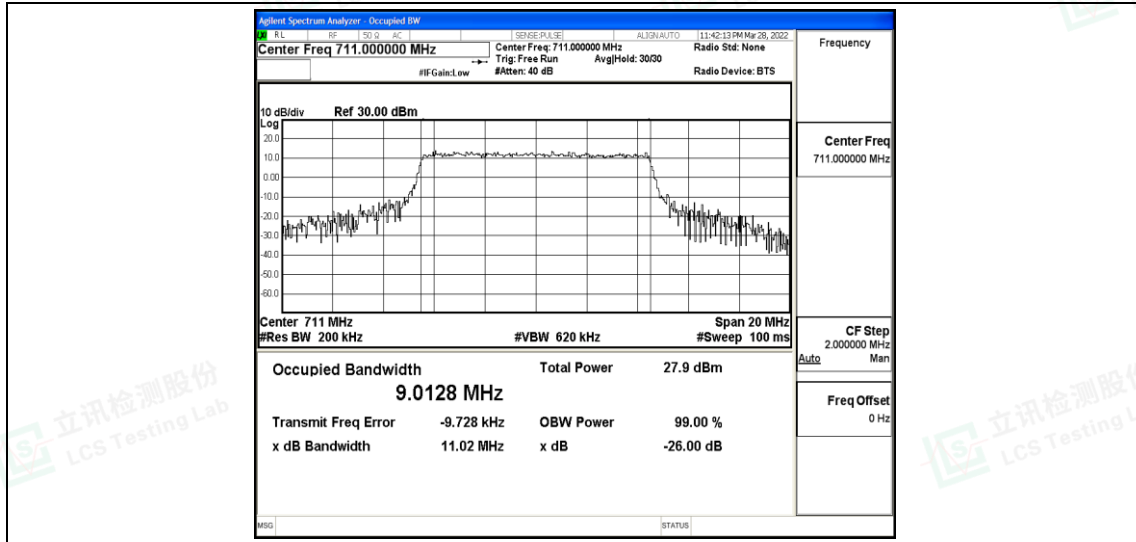


Band12-10MHz-16QAM-23095-50RB#0



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





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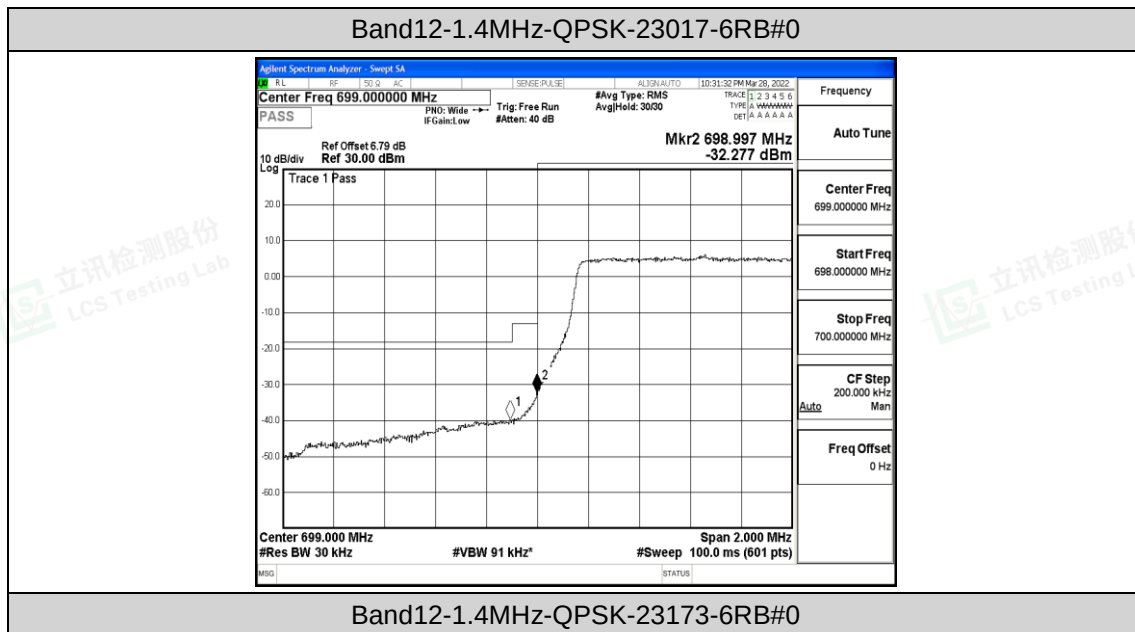


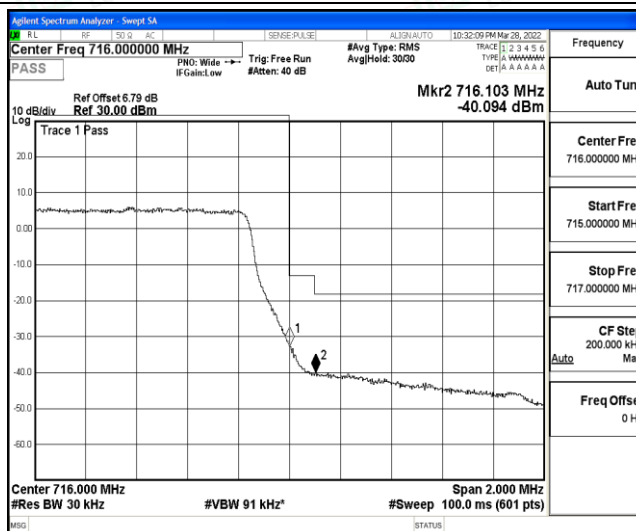
J.4 Band Edge

Test Result

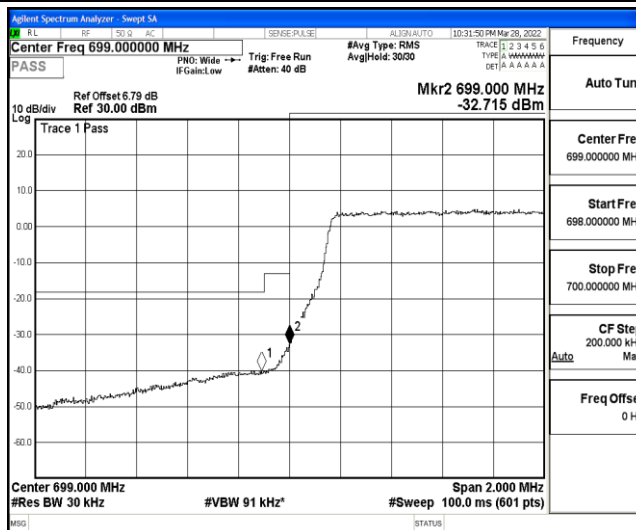
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-39.79,-32.28	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-32.63,-40.09	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-40.09,-32.72	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-32.93,-37.41	PASS
Band12	3MHz	QPSK	23025	15RB#0	-35.78,-32.78	PASS
Band12	3MHz	QPSK	23165	15RB#0	-34.13,-40.49	PASS
Band12	3MHz	16QAM	23025	15RB#0	-38.83,-34.49	PASS
Band12	3MHz	16QAM	23165	15RB#0	-35.01,-41.79	PASS
Band12	5MHz	QPSK	23035	25RB#0	-24.23	PASS
Band12	5MHz	QPSK	23155	25RB#0	-25.23	PASS
Band12	5MHz	16QAM	23035	25RB#0	-26.19	PASS
Band12	5MHz	16QAM	23155	25RB#0	-26.61	PASS
Band12	10MHz	QPSK	23060	50RB#0	-32.07,-29.61	PASS
Band12	10MHz	QPSK	23130	50RB#0	-29.97,-32.58	PASS
Band12	10MHz	16QAM	23060	50RB#0	-33.35,-30.95	PASS
Band12	10MHz	16QAM	23130	50RB#0	-31.39,-33.13	PASS

Test Graphs

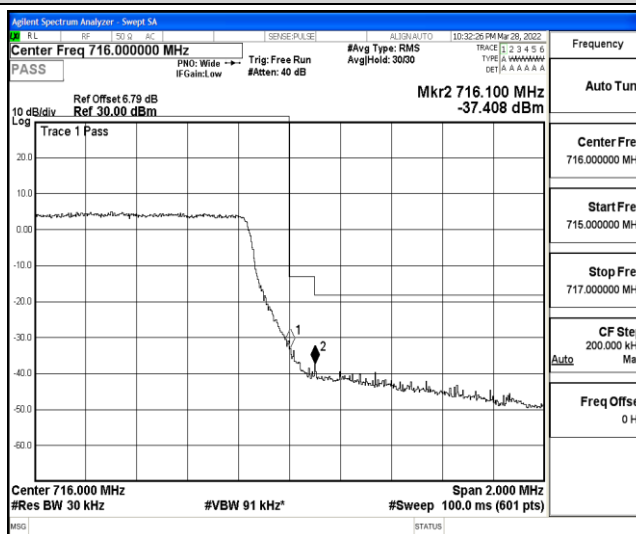




Band12-1.4MHz-16QAM-23017-6RB#0



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



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

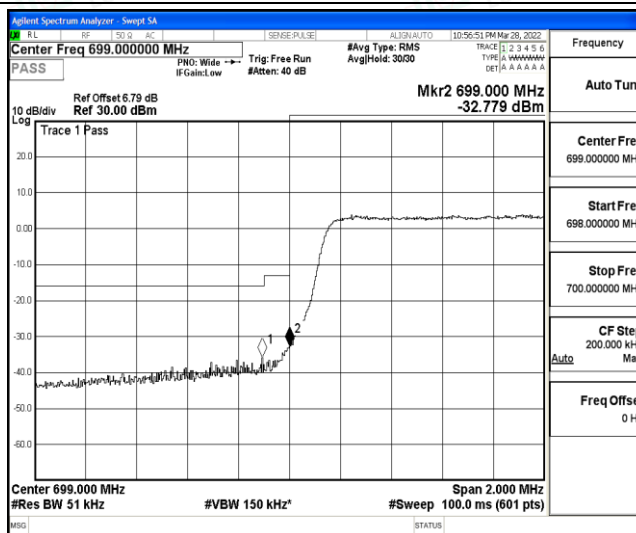


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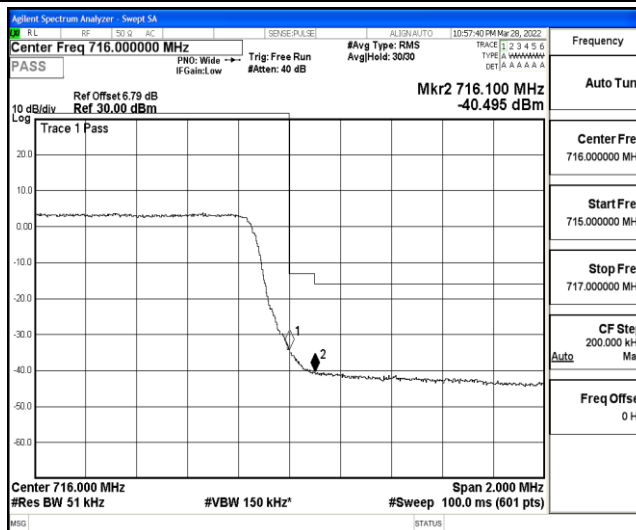
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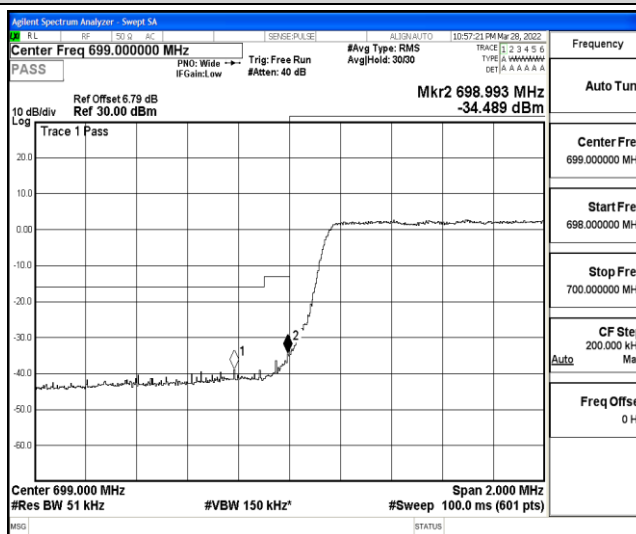
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Band12-3MHz-QPSK-23165-15RB#0



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



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

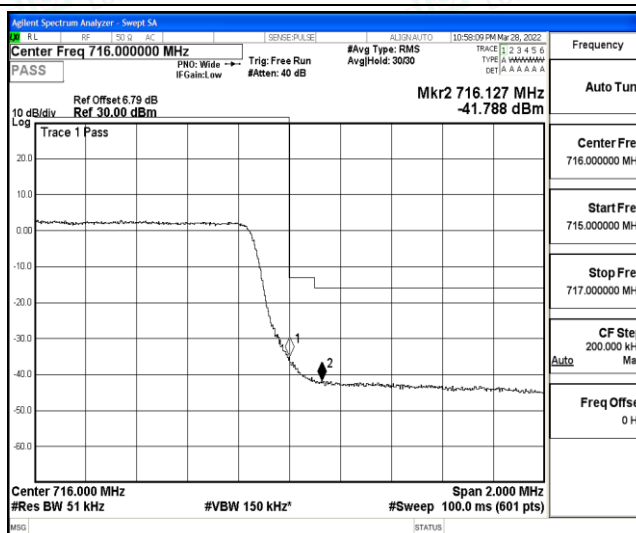


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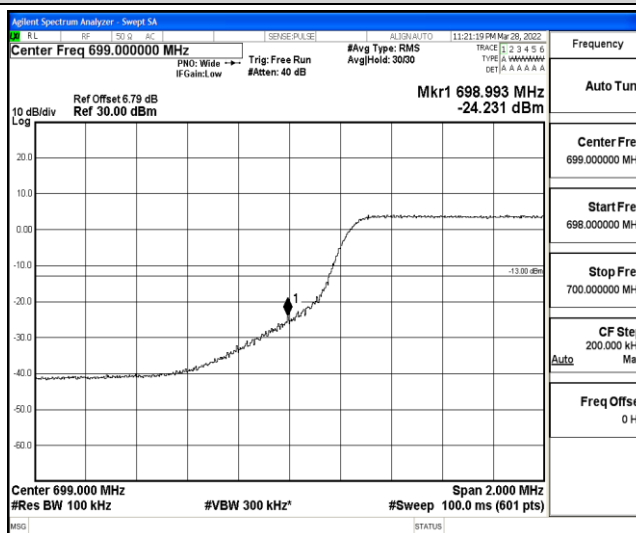
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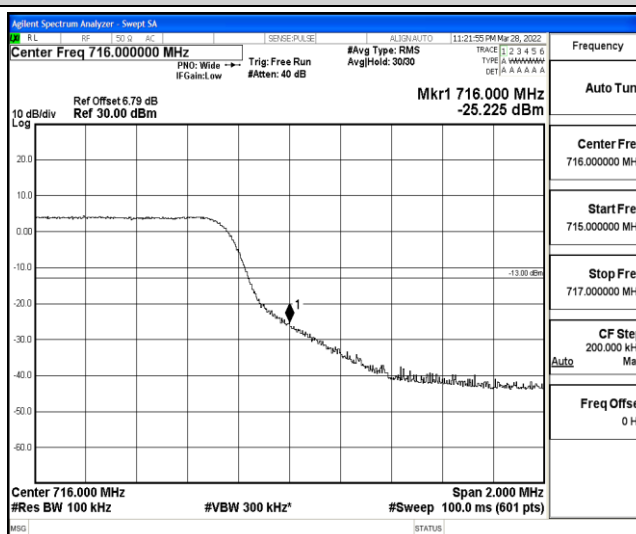
Scan code to check authenticity



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

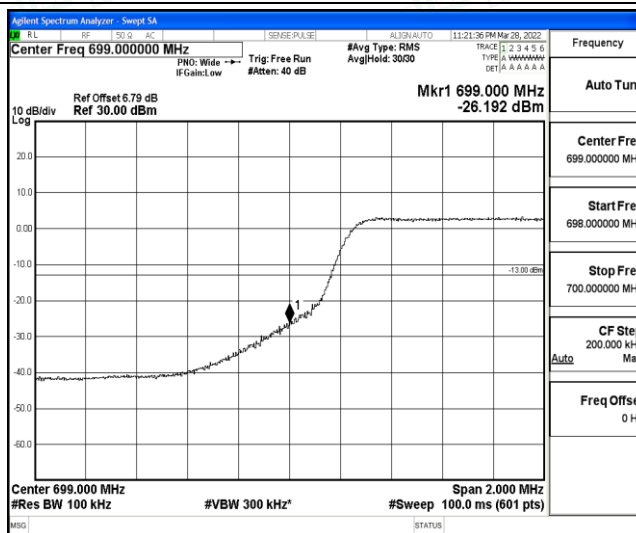


Band12-5MHz-QPSK-23155-25RB#0

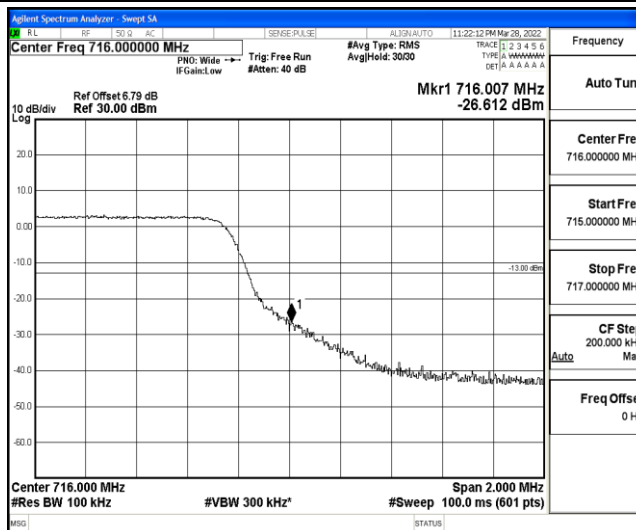


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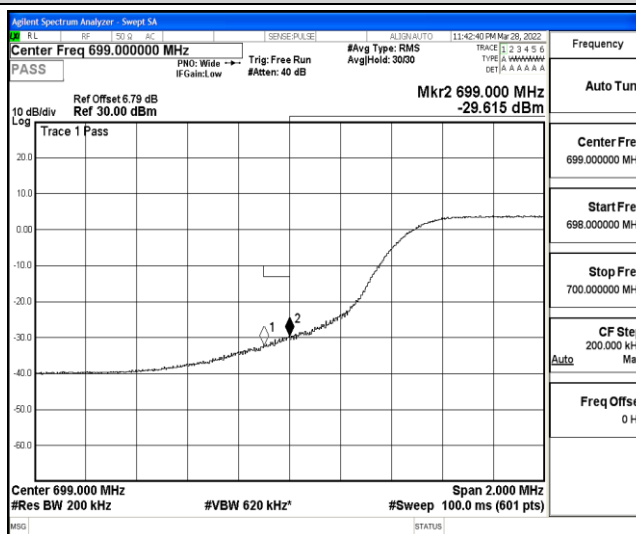




Band12-5MHz-16QAM-23155-25RB#0

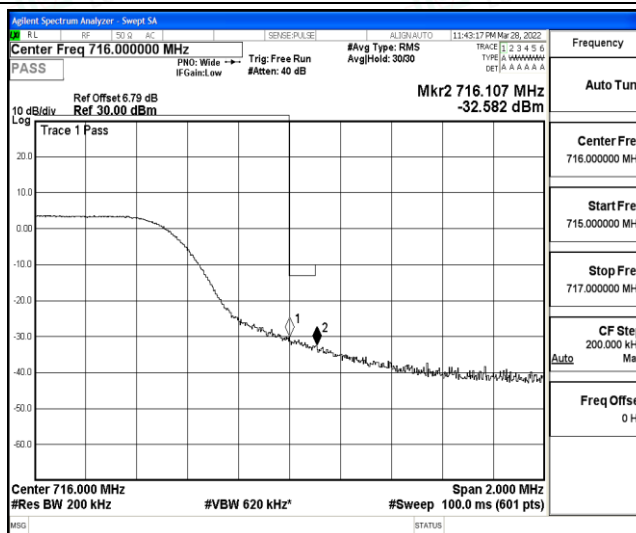


Band12-10MHz-QPSK-23060-50RB#0

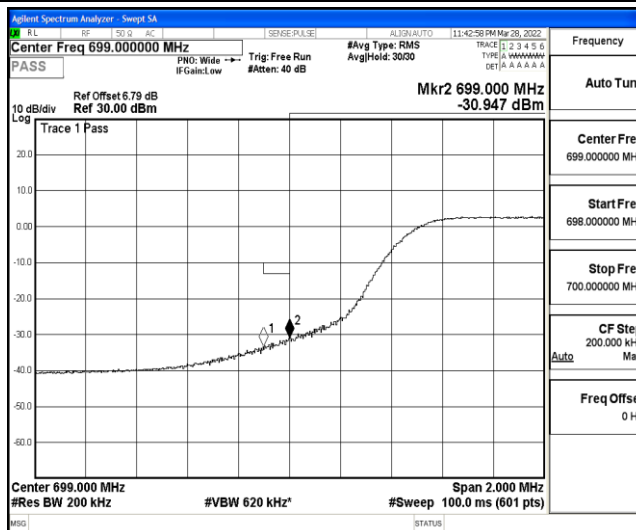


Band12-10MHz-QPSK-23130-50RB#0

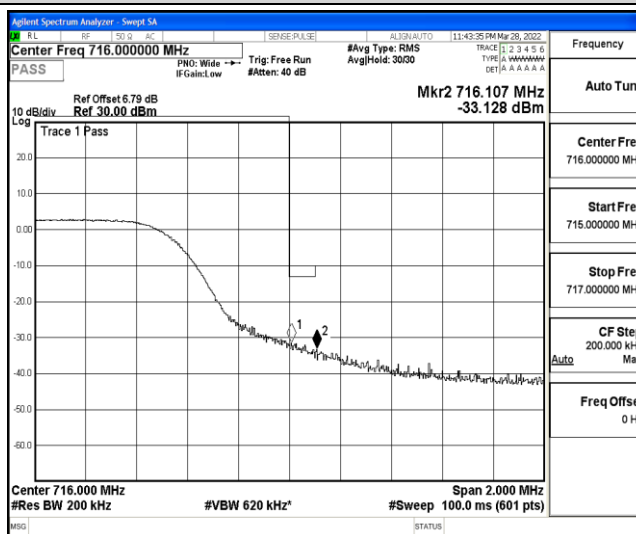




Band12-10MHz-16QAM-23060-50RB#0



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



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J.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:0.009~0.15MHz	-52.08	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-42.09	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-40.34	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-44.49	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.54	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-41.71	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-39.83	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.56	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-55.35	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-39.71	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-40.26	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-44.58	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-55.08	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-41.04	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-39.98	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-44.32	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.36	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-41.41	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-39.51	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.42	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-51.96	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-41.17	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-39.59	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-44.44	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-54.94	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-40.69	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-40.55	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-44.34	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.65	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-41.84	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.4	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-43.34	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-53.34	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-40.5	PASS



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Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-40.64	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-44.43	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-54.81	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-43.93	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.33	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-44.45	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.82	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-42.4	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.12	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.47	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-56.63	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-42.72	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-39.66	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-44.52	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-55.35	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-42.62	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-39.68	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-44.38	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.25	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-40.66	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-39.49	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.45	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-54.79	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-42.06	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-40.25	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-42.21	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-55.35	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-41.67	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-39.66	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-44.51	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.19	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-39.45	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.73	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.53	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-54.5	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-42.45	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-40.29	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-44.49	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-53.9	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-42.23	PASS



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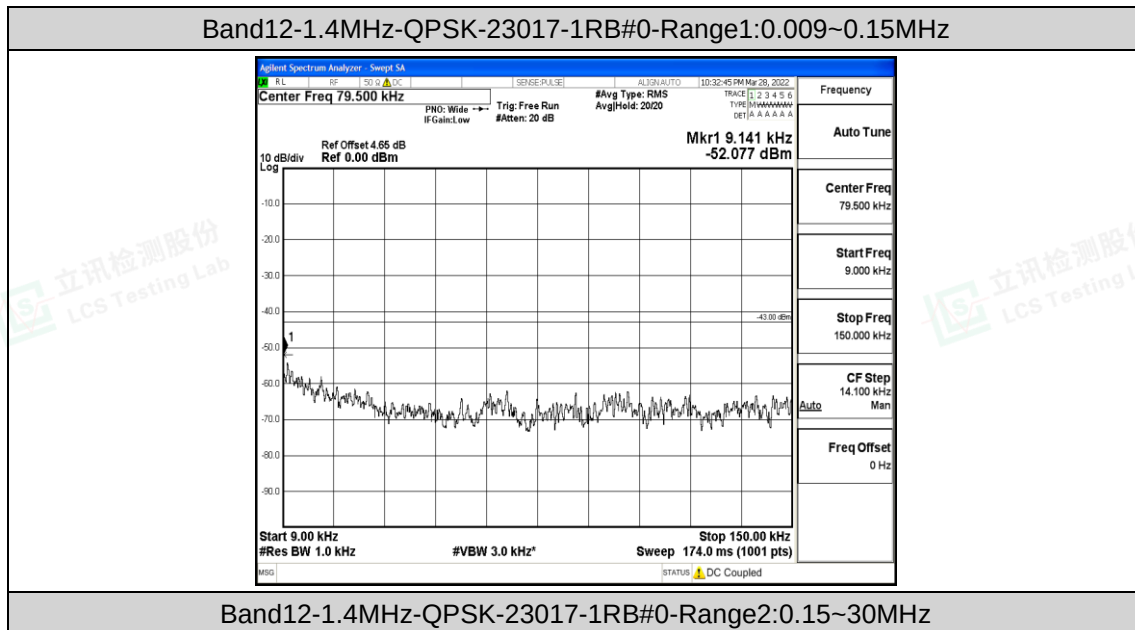
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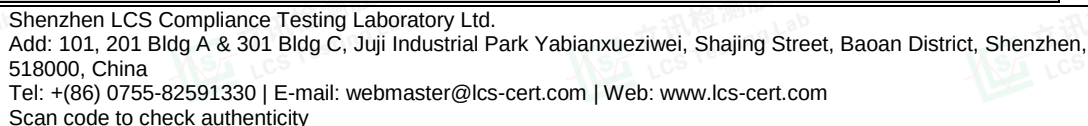
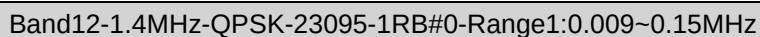
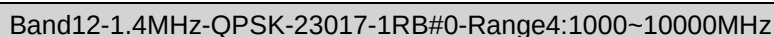
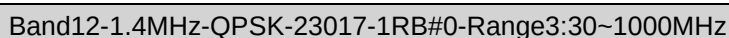
Scan code to check authenticity

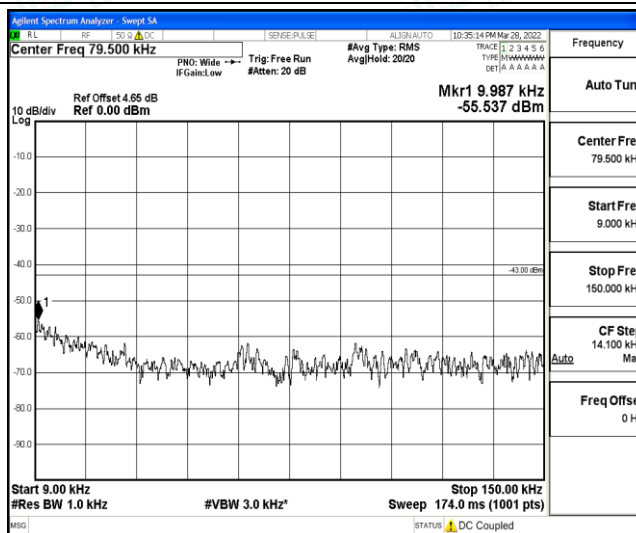


Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-39.75	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-44.56	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.12	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-41.37	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.07	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.55	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-53.74	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-42.18	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-40.24	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-44.54	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-56.03	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-42.56	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-40.15	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-44.57	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-53.19	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-42.75	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.42	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.52	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-54.96	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-41.7	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-40.25	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-44.59	PASS

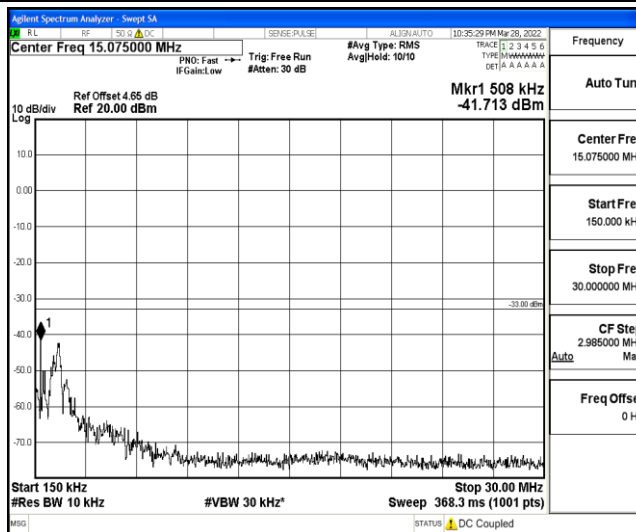
Test Graphs



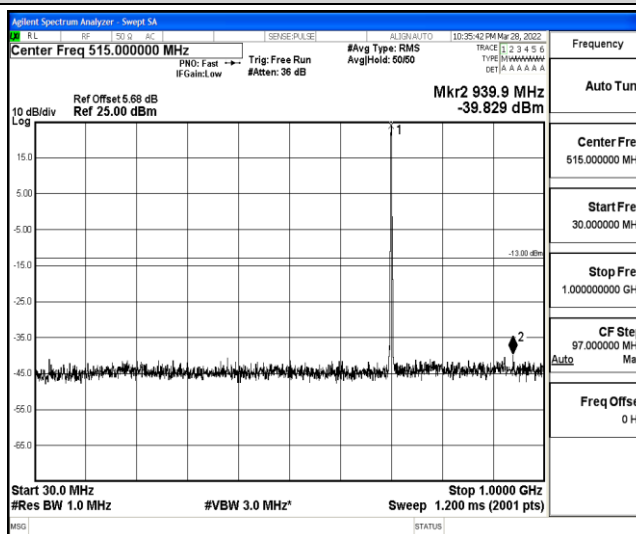




Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz

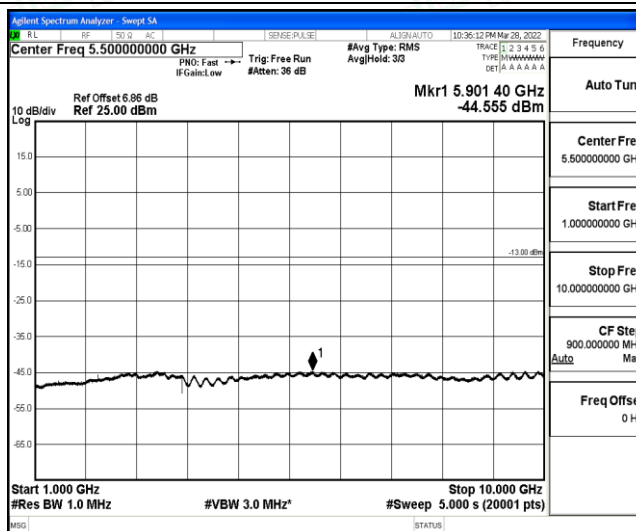


Shenzhen LCS Compliance Testing Laboratory Ltd.

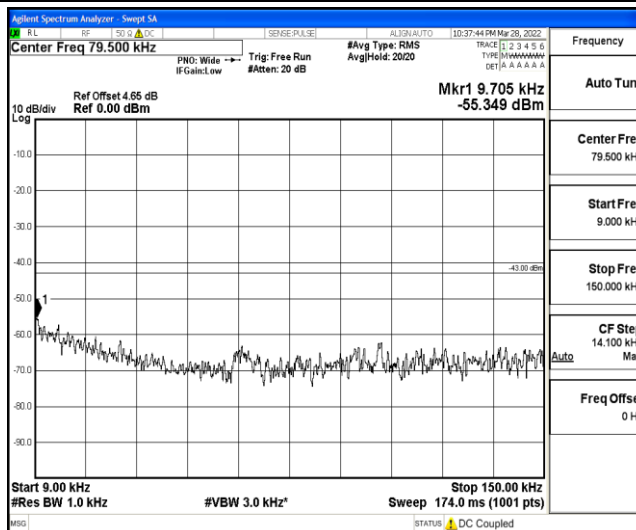
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

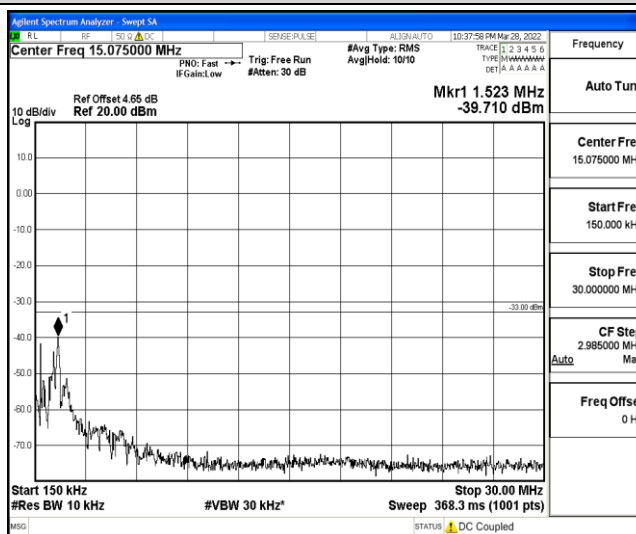
Scan code to check authenticity



Band12-1.4MHz-QPSK-23173-1RB#0-Range1:0.009~0.15MHz

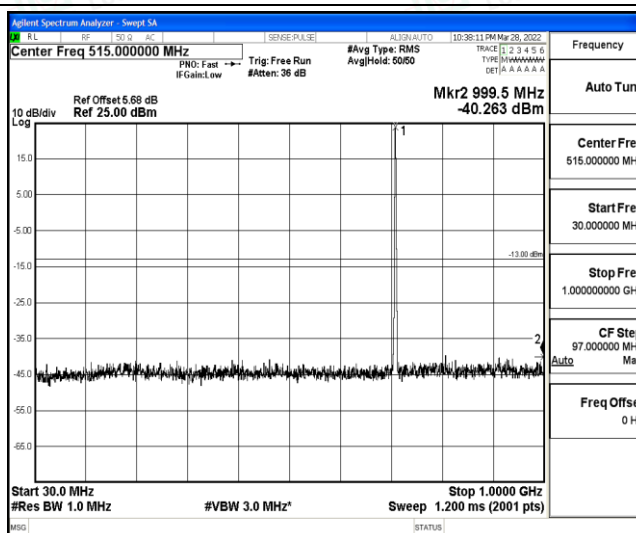


Band12-1.4MHz-QPSK-23173-1RB#0-Range2:0.15~30MHz

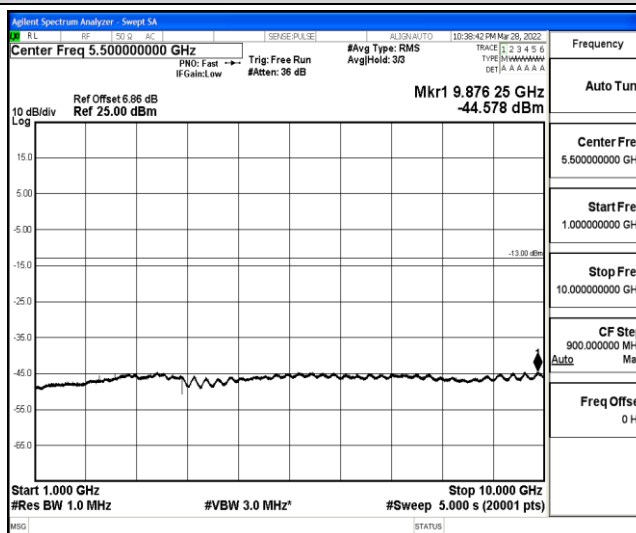


Band12-1.4MHz-QPSK-23173-1RB#0-Range3:30~1000MHz

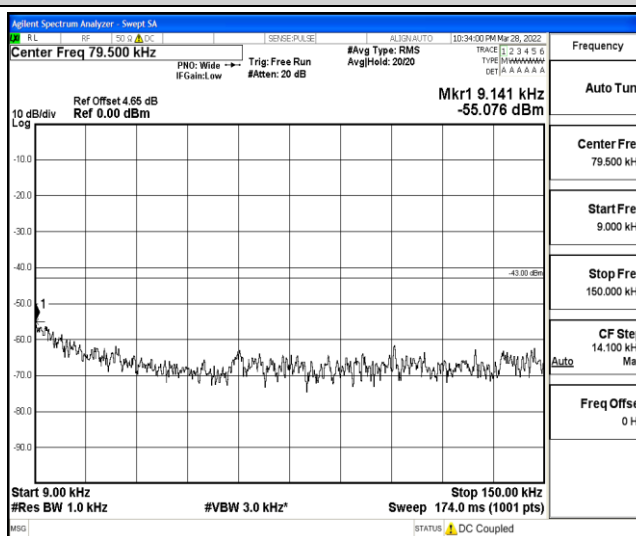




Band12-1.4MHz-QPSK-23173-1RB#0-Range4:1000~10000MHz

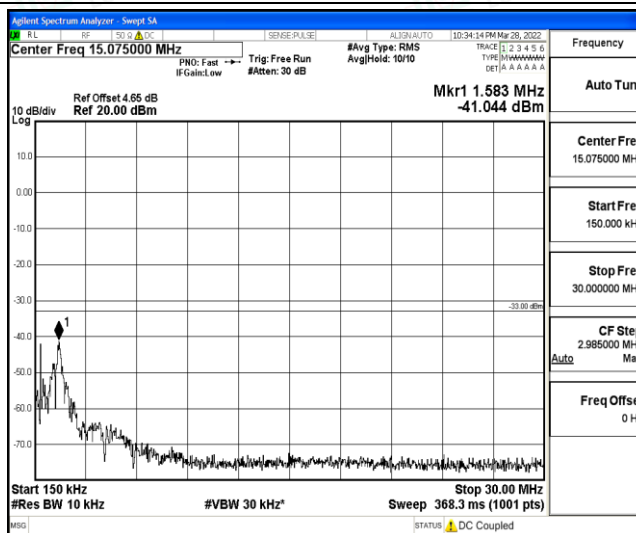


Band12-1.4MHz-16QAM-23017-1RB#0-Range1:0.009~0.15MHz

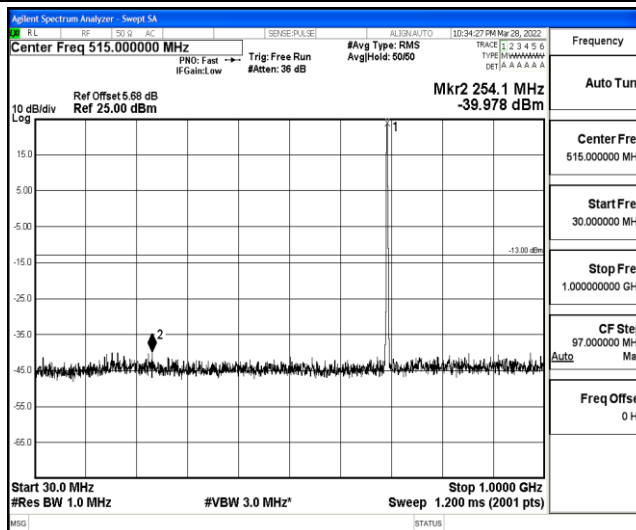


Band12-1.4MHz-16QAM-23017-1RB#0-Range2:0.15~30MHz

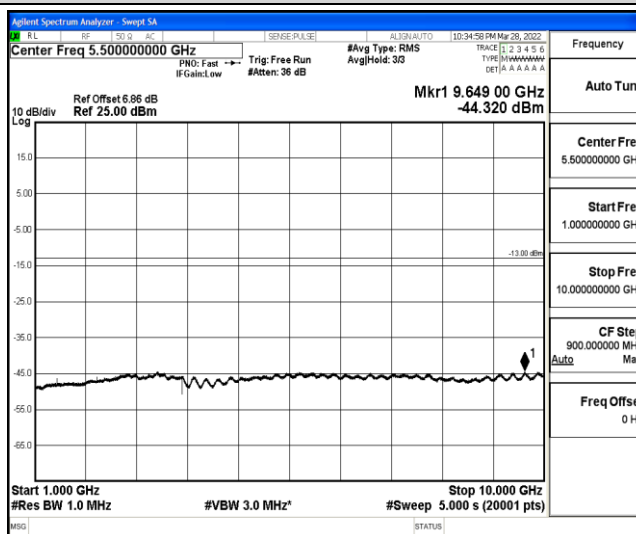




Band12-1.4MHz-16QAM-23017-1RB#0-Range3:30~1000MHz

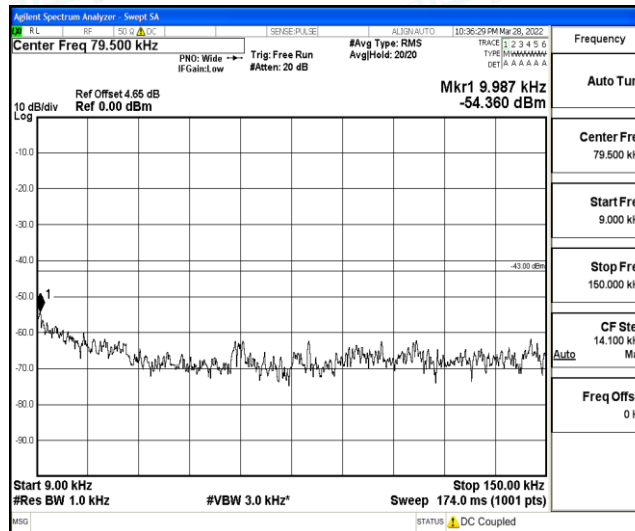


Band12-1.4MHz-16QAM-23017-1RB#0-Range4:1000~10000MHz

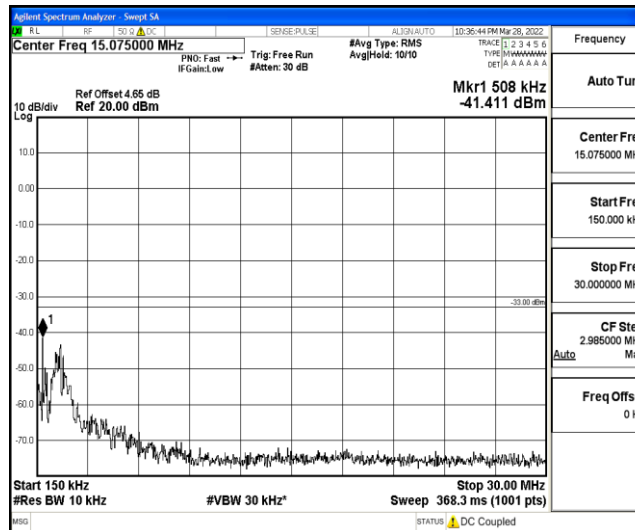


Band12-1.4MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

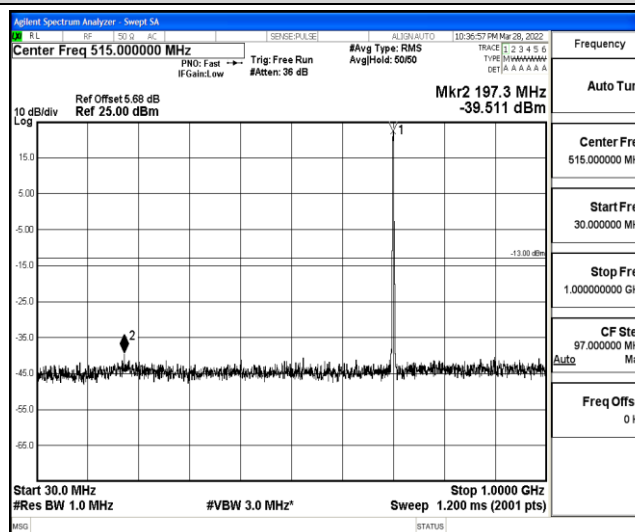




Band12-1.4MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz

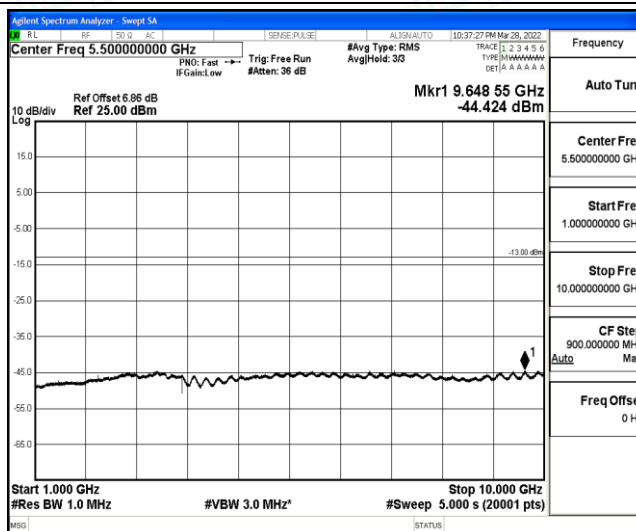


Band12-1.4MHz-16QAM-23095-1RB#0-Range3:30~1000MHz

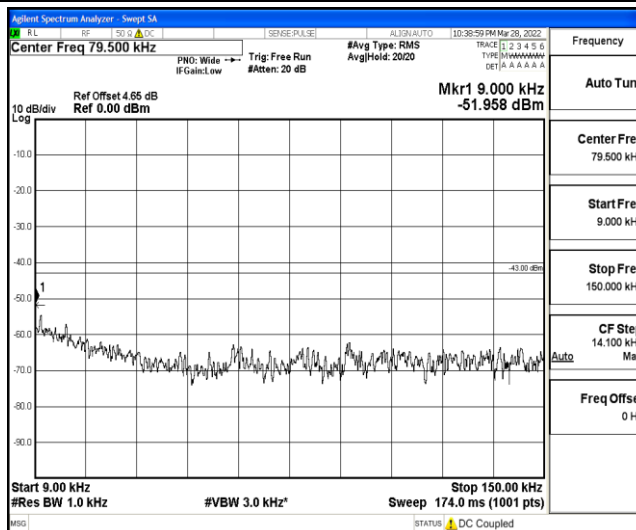


Band12-1.4MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz

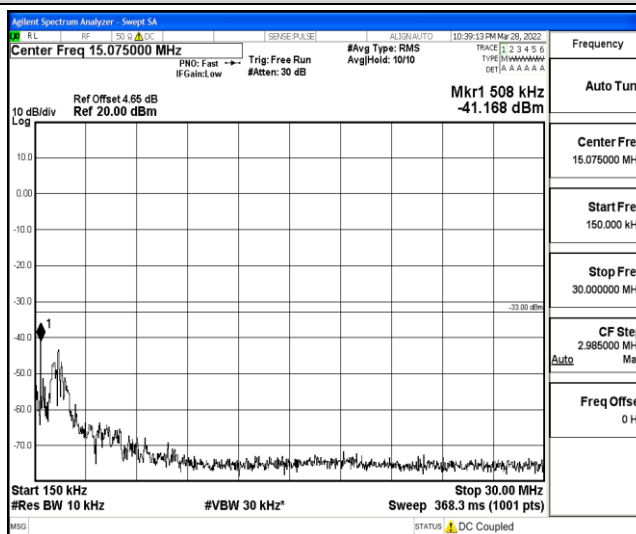




Band12-1.4MHz-16QAM-23173-1RB#0-Range1:0.009~0.15MHz



Band12-1.4MHz-16QAM-23173-1RB#0-Range2:0.15~30MHz



Band12-1.4MHz-16QAM-23173-1RB#0-Range3:30~1000MHz

