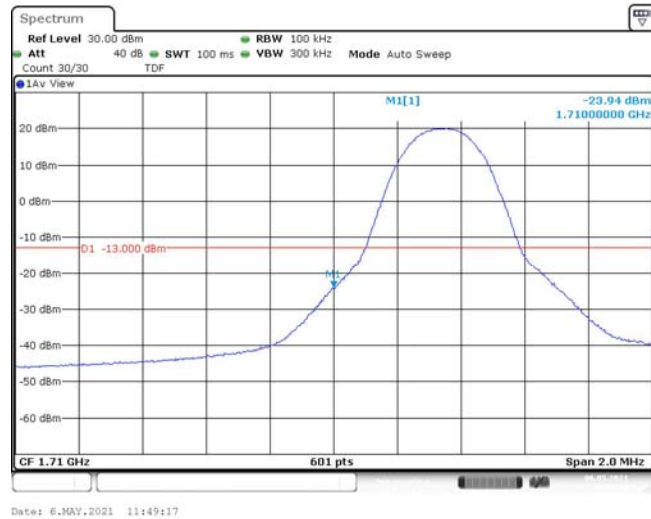
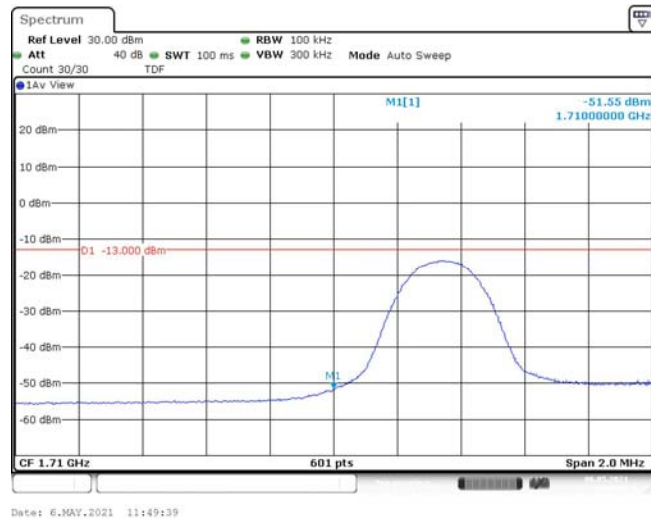




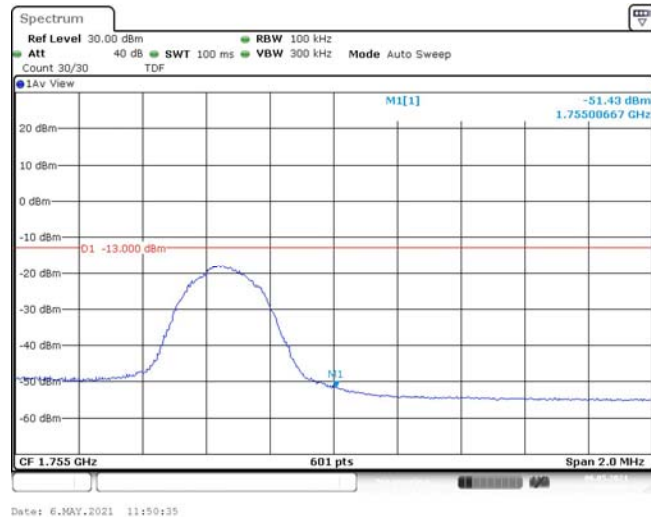
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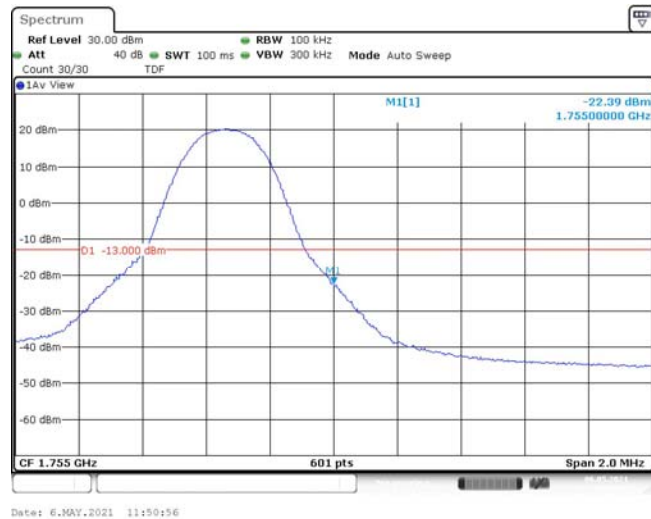
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Band4-5MHz-16QAM-20375-1RB#0



Band4-5MHz-16QAM-20375-1RB#24



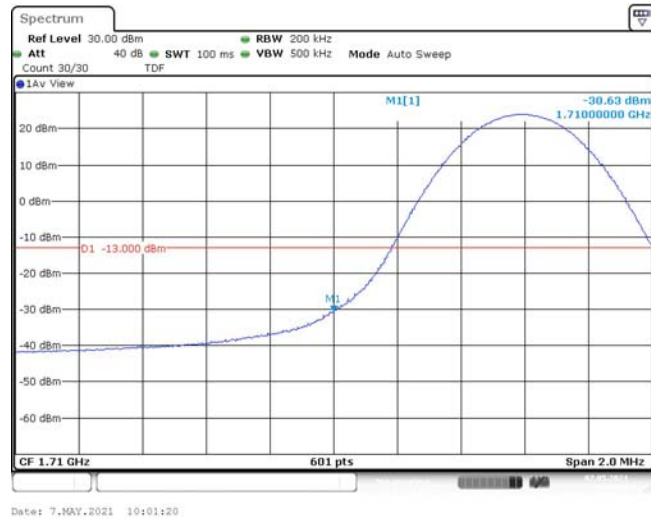
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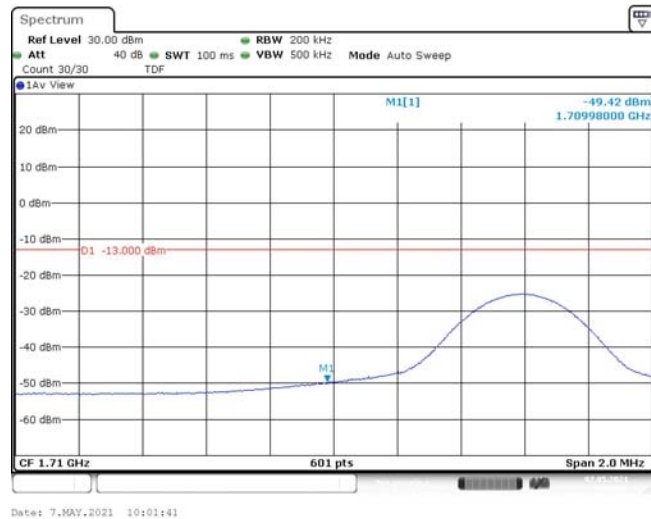
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Band4-10MHz-QPSK-20000-1RB#49



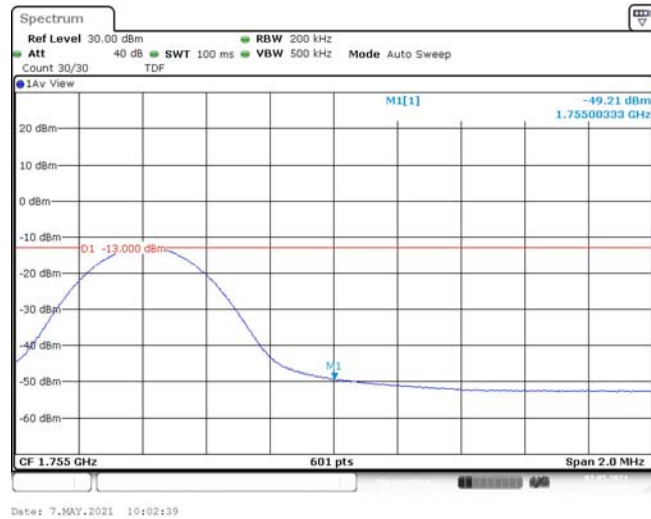
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Band4-10MHz-QPSK-20350-1RB#0



CTC Laboratories, Inc.



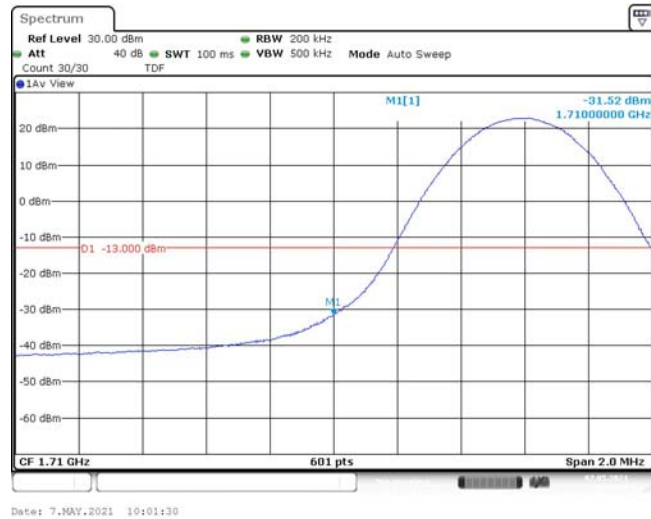
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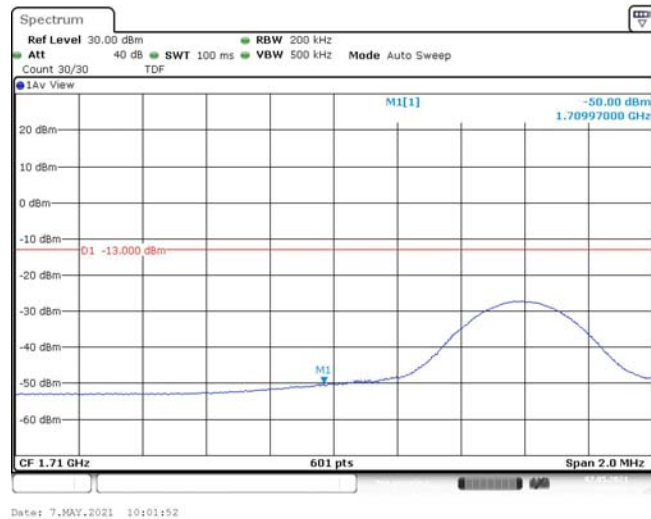
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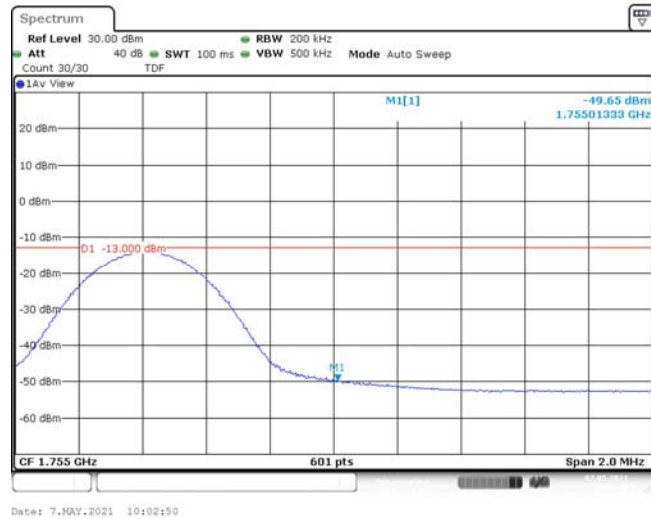
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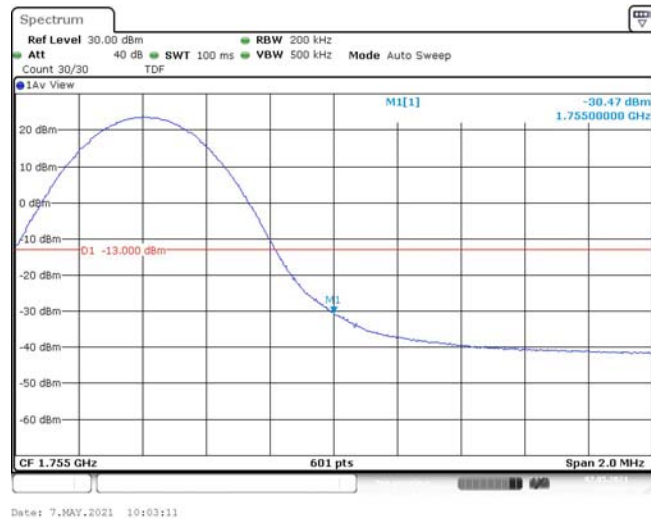
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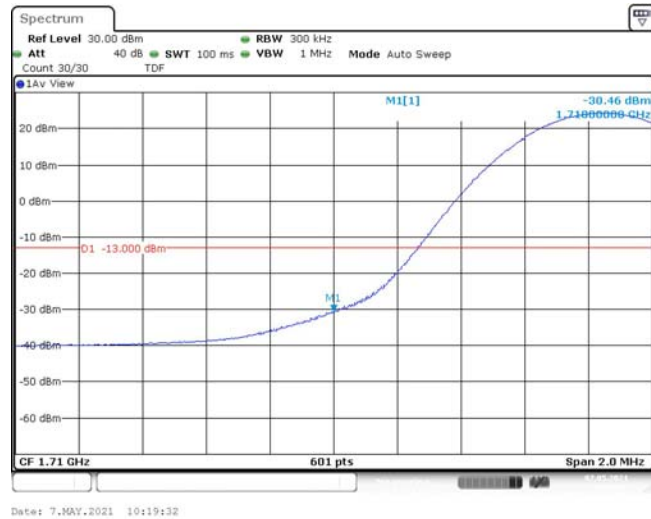
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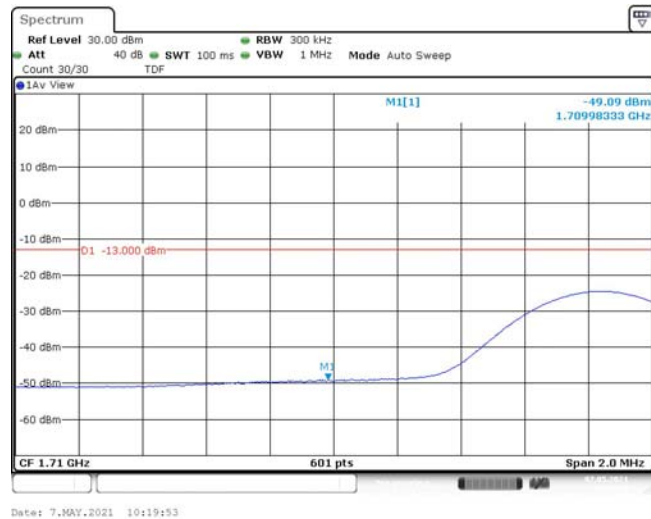
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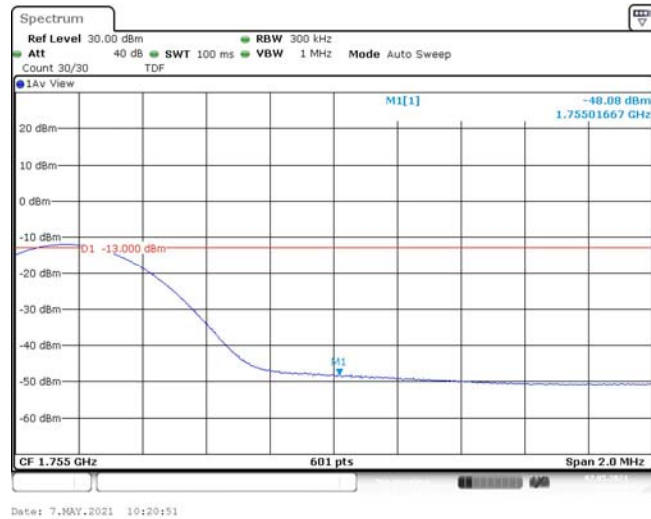
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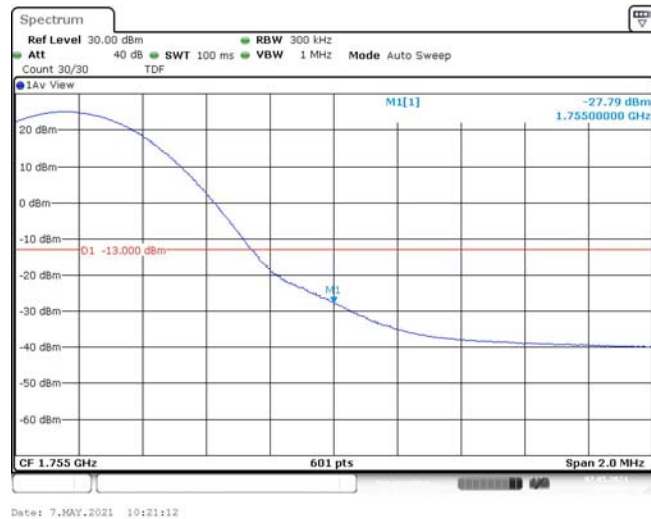
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Band4-15MHz-QPSK-20325-1RB#0



Band4-15MHz-QPSK-20325-1RB#74



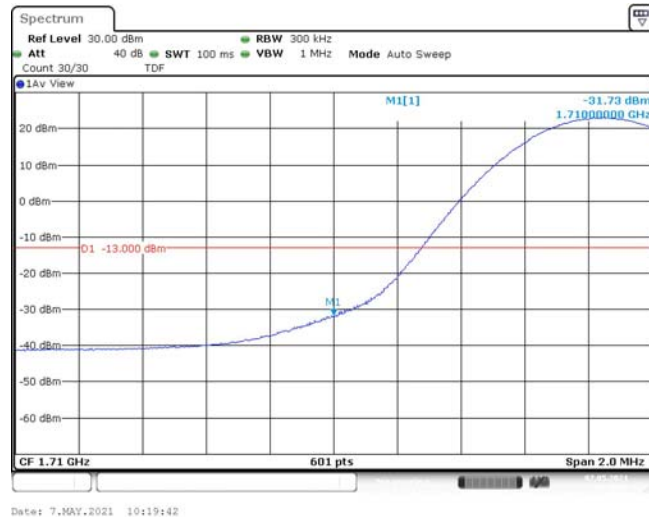
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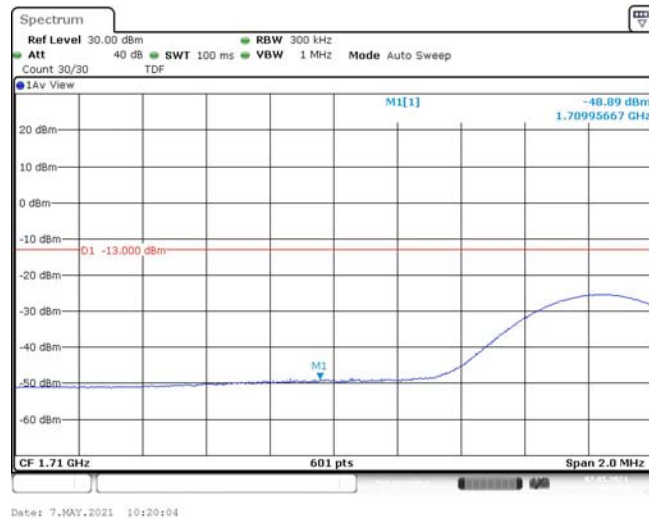
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Band4-15MHz-16QAM-20025-1RB#74



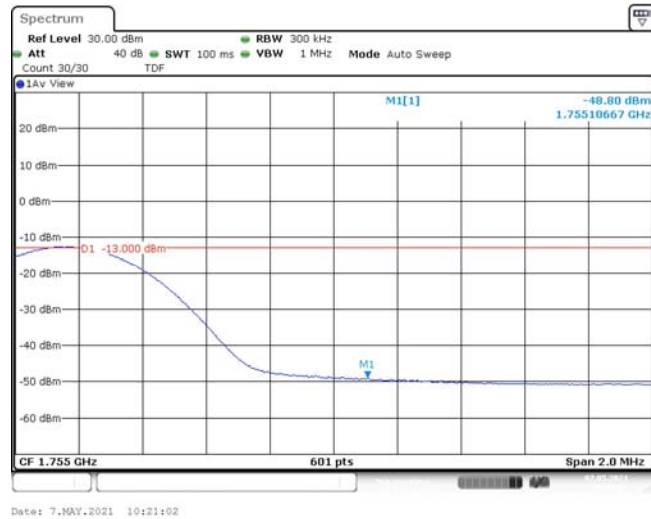
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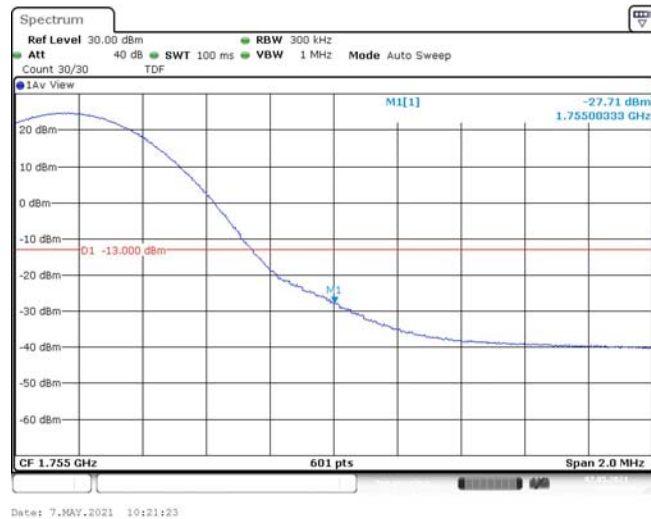
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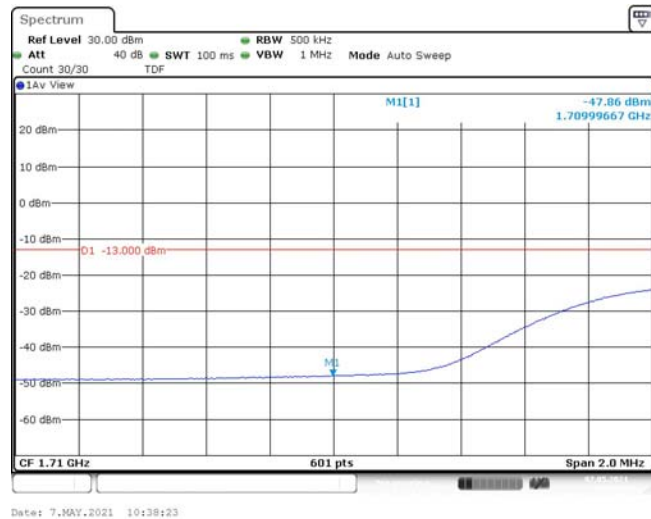
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Band4-20MHz-QPSK-20050-1RB#0



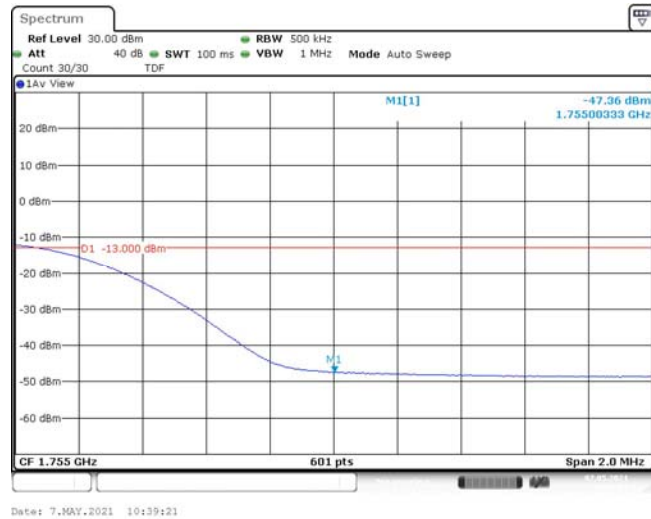
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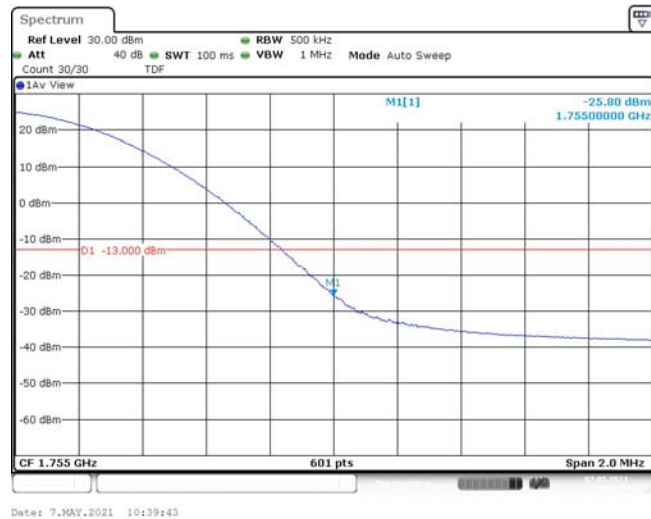
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Band4-20MHz-QPSK-20300-1RB#0



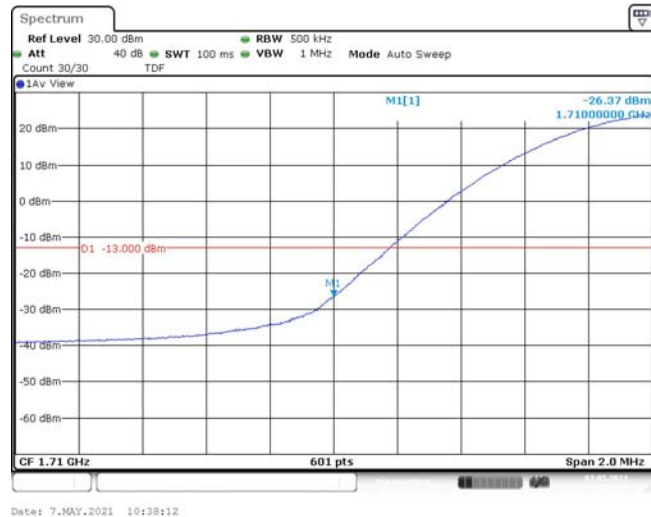
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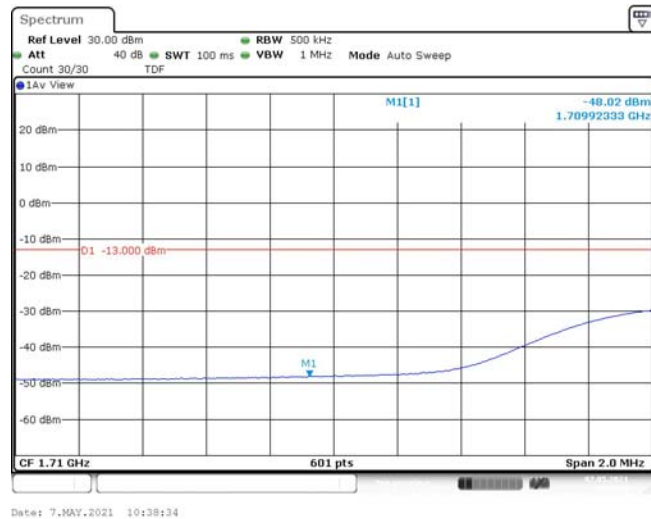
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Band4-20MHz-16QAM-20050-1RB#0



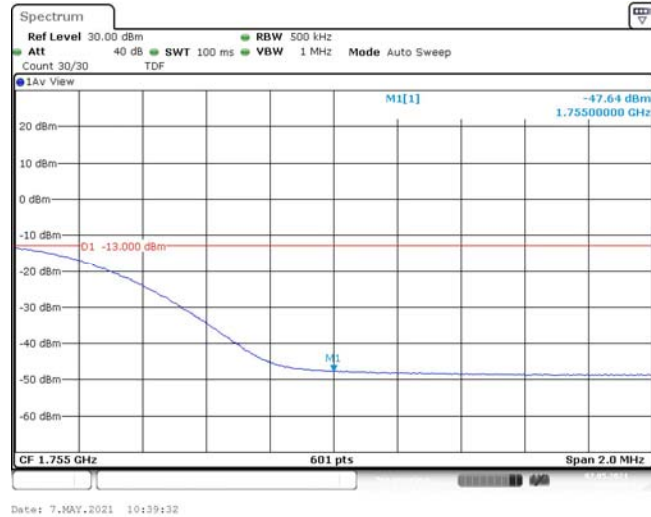
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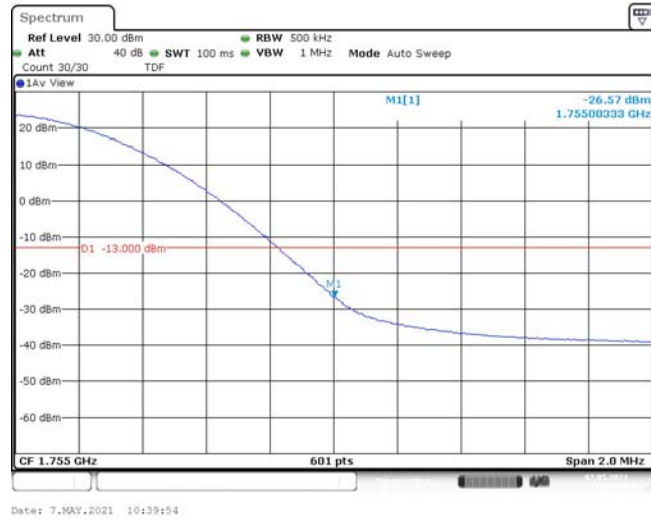
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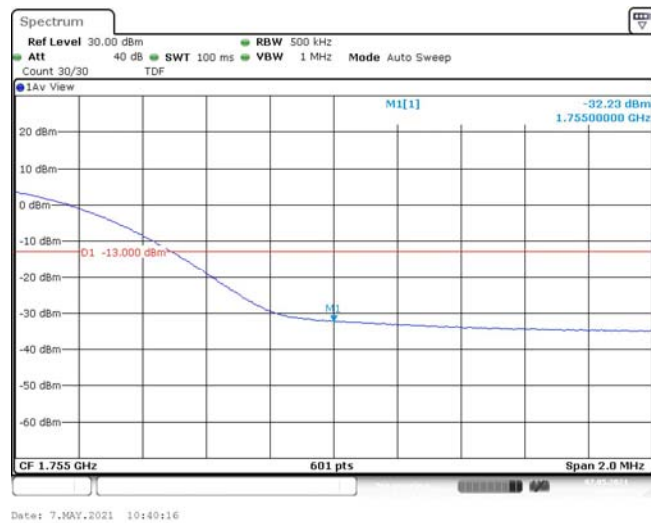
Band4-20MHz-16QAM-20300-1RB#0



Band4-20MHz-16QAM-20300-1RB#99



Band4-20MHz-16QAM-20300-100RB#0





Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-45.40	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~2000MHz	-42.83	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:2000~20000MHz	-20.88	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.44	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-43.69	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-20.83	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-44.87	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~2000MHz	-43.53	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:2000~20000MHz	-19.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-46.02	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~2000MHz	-43.61	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:2000~20000MHz	-20.40	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.50	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-42.59	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-20.60	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-45.30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~2000MHz	-43.14	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:2000~20000MHz	-21.17	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-45.51	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~2000MHz	-43.87	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:2000~20000MHz	-21.24	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.42	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-42.71	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-20.14	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-45.34	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~2000MHz	-43.19	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:2000~20000MHz	-19.59	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-45.50	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~2000MHz	-43.64	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:2000~20000MHz	-20.99	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.39	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-43.16	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-21.47	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-45.07	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~2000MHz	-43.30	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:2000~20000MHz	-20.81	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-45.68	PASS



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Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~2000MHz	-42.91	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:2000~20000MHz	-20.65	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-44.69	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-42.67	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-20.62	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-45.14	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~2000MHz	-43.31	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:2000~20000MHz	-19.74	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-45.77	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~2000MHz	-43.95	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:2000~20000MHz	-21.19	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.49	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-43.46	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-21.51	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-45.68	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~2000MHz	-43.47	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:2000~20000MHz	-20.99	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-45.39	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~2000MHz	-43.34	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:2000~20000MHz	-21.02	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-44.97	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-43.12	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-20.72	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-45.41	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~2000MHz	-43.41	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:2000~20000MHz	-20.76	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-44.69	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~2000MHz	-43.58	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:2000~20000MHz	-20.80	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.75	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-42.58	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-20.22	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-45.25	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~2000MHz	-43.49	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:2000~20000MHz	-20.94	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-45.10	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~2000MHz	-43.50	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:2000~20000MHz	-20.74	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-44.72	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-42.20	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-19.57	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-45.53	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~2000MHz	-42.72	PASS



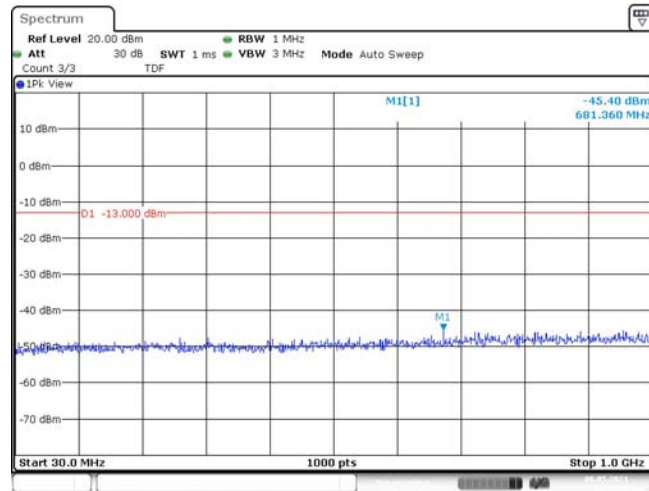
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Band4	15MHz	QPSK	20325	1RB#0	Range3:2000~20000MHz	-20.26	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-44.99	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~2000MHz	-43.38	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:2000~20000MHz	-20.35	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.09	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-43.04	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-20.42	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-45.45	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~2000MHz	-43.06	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:2000~20000MHz	-20.39	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-45.14	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~2000MHz	-43.40	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:2000~20000MHz	-21.31	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.48	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-42.73	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-19.66	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-44.14	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~2000MHz	-42.76	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:2000~20000MHz	-21.32	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-45.33	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~2000MHz	-42.99	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:2000~20000MHz	-20.74	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.32	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-43.44	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-20.59	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-45.16	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~2000MHz	-43.65	PASS
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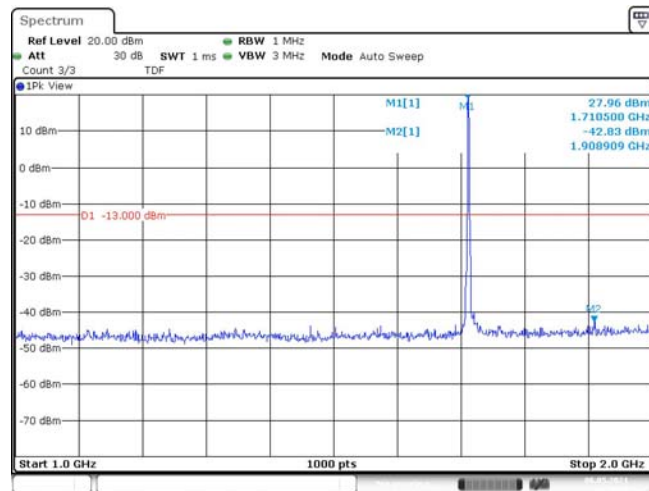
Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



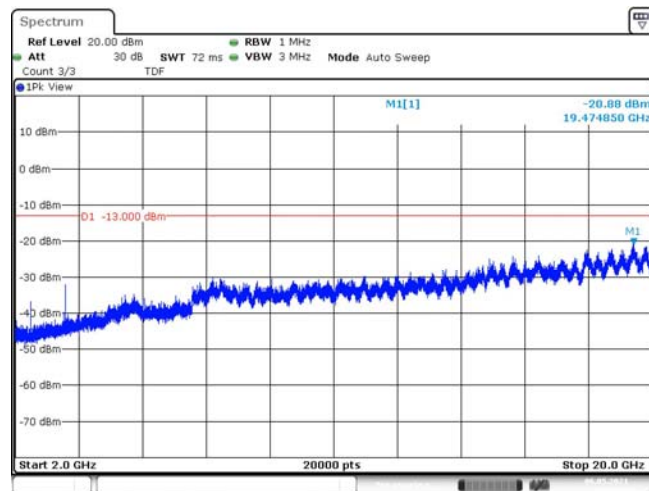
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Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~2000MHz



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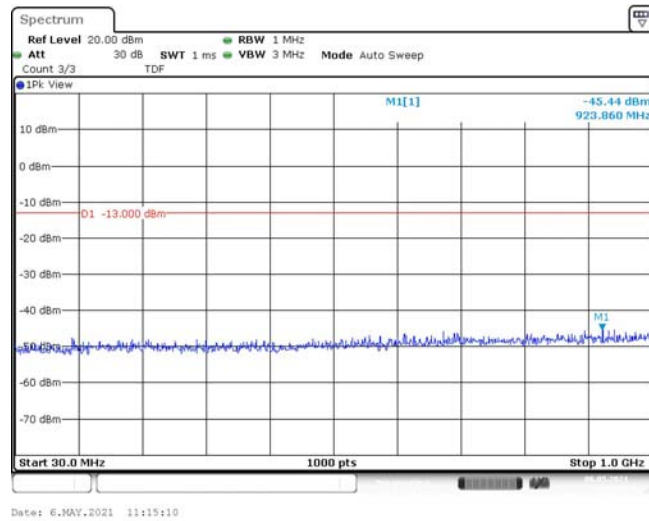
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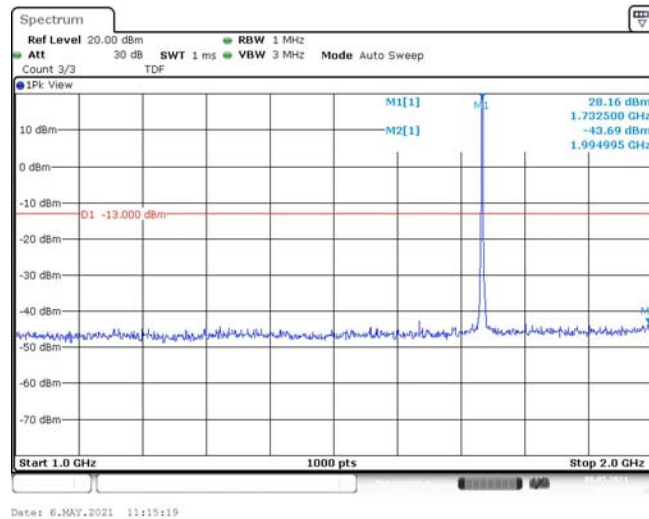
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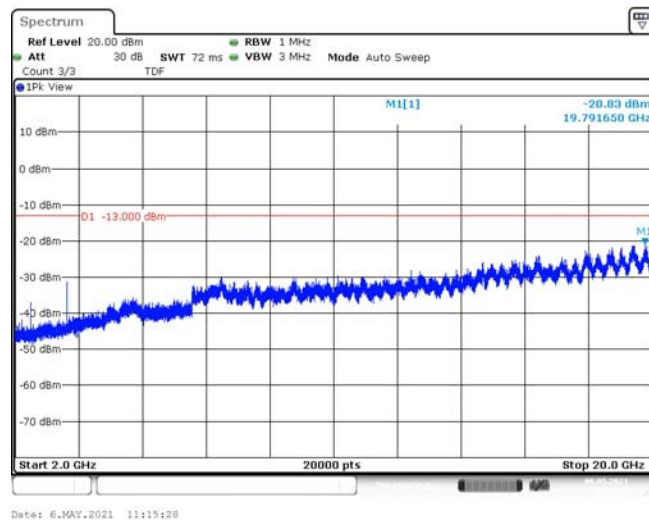
Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



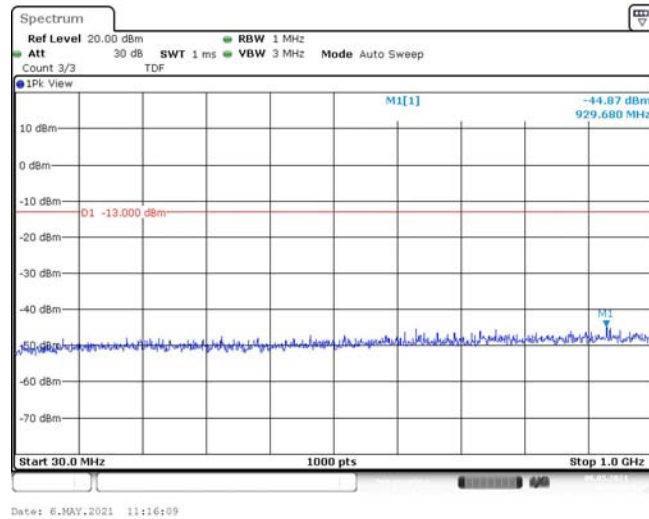
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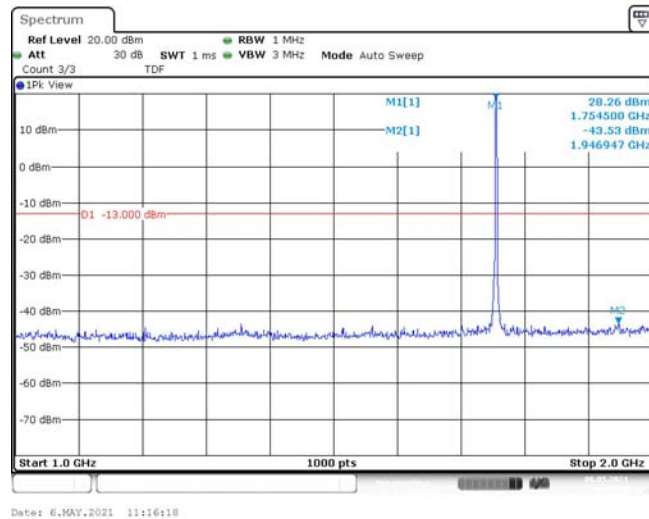
Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz



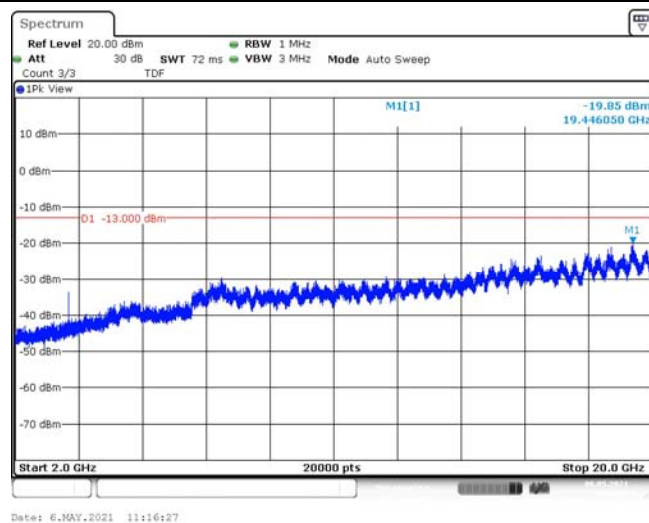
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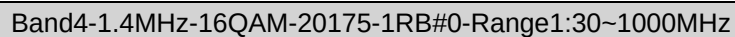
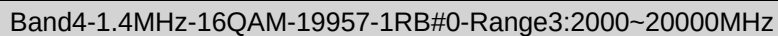
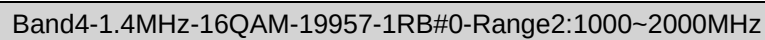
Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~2000MHz

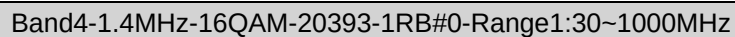
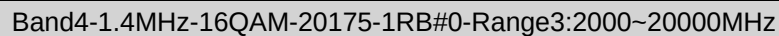
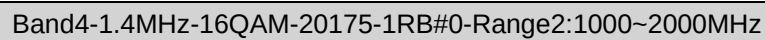


Band4-1.4MHz-QPSK-20393-1RB#0-Range3:2000~20000MHz



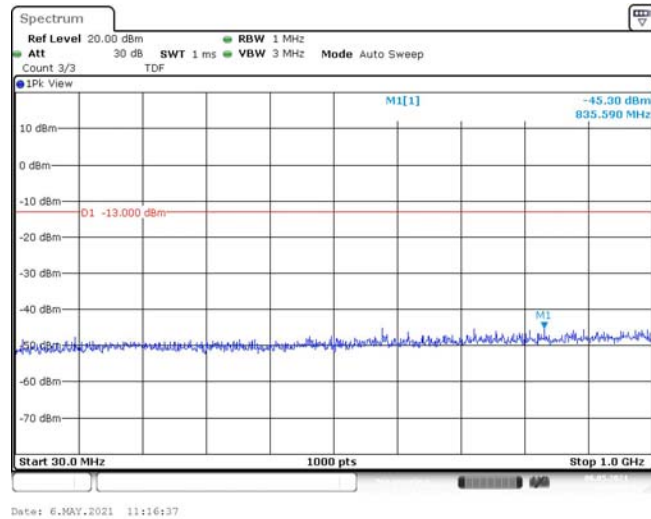
Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz



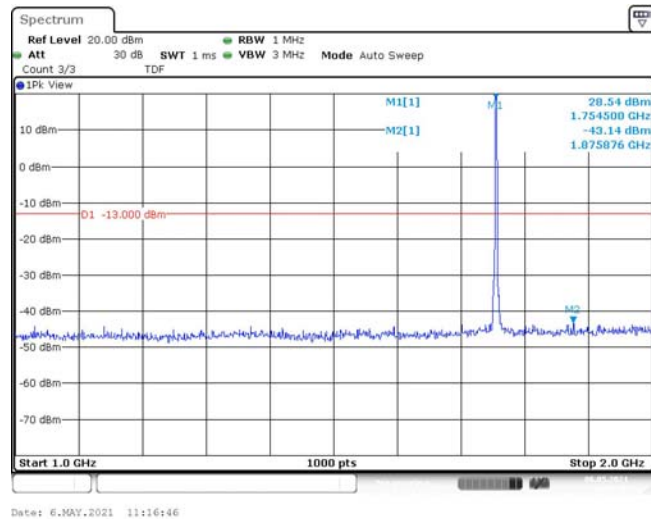




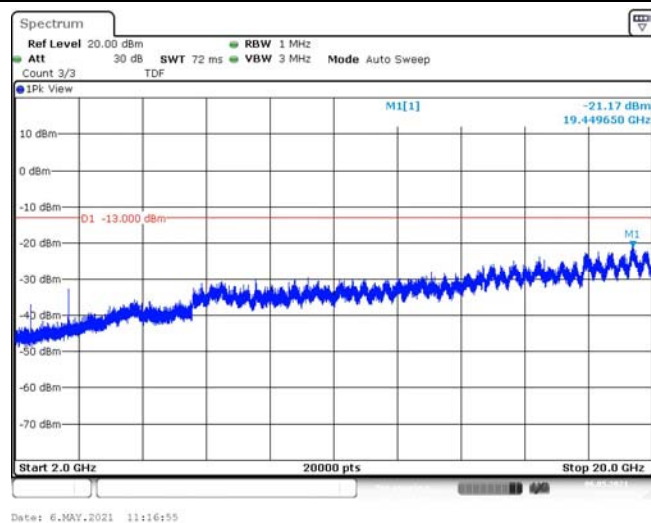
CTC Laboratories, Inc.



Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~2000MHz



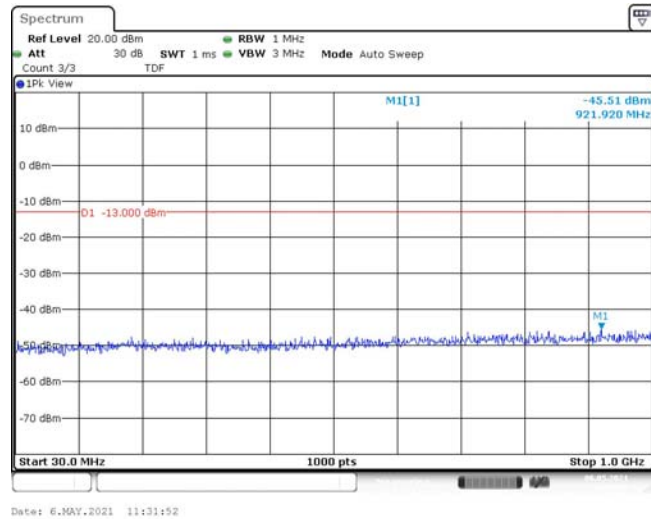
Band4-1.4MHz-16QAM-20393-1RB#0-Range3:2000~20000MHz



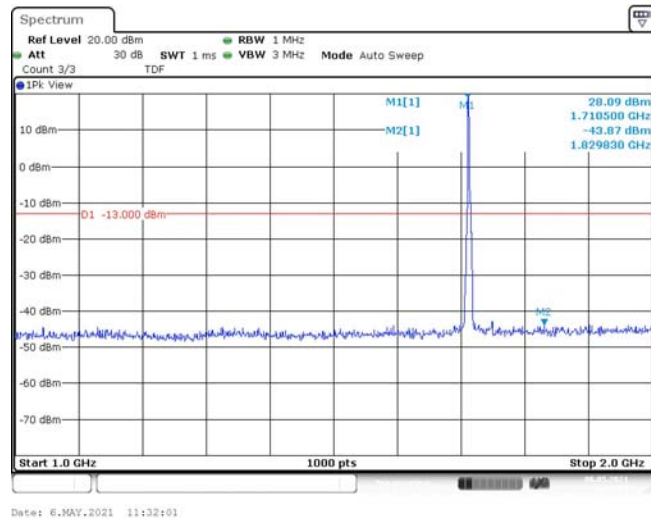
Band4-3MHz-QPSK-19965-1RB#0-Range1:30~1000MHz



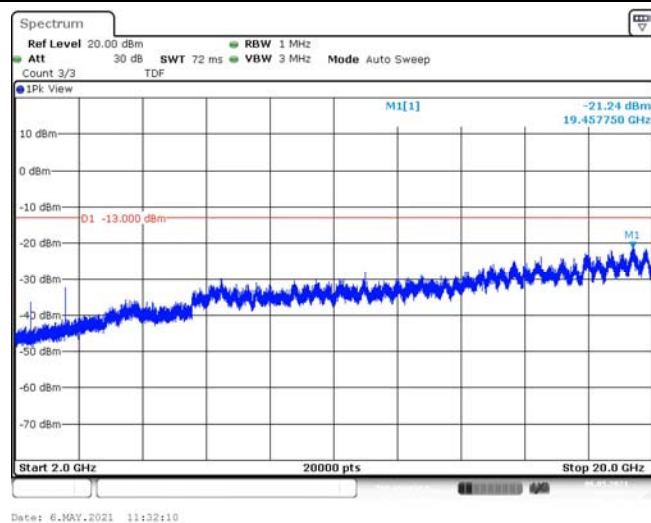
CTC Laboratories, Inc.



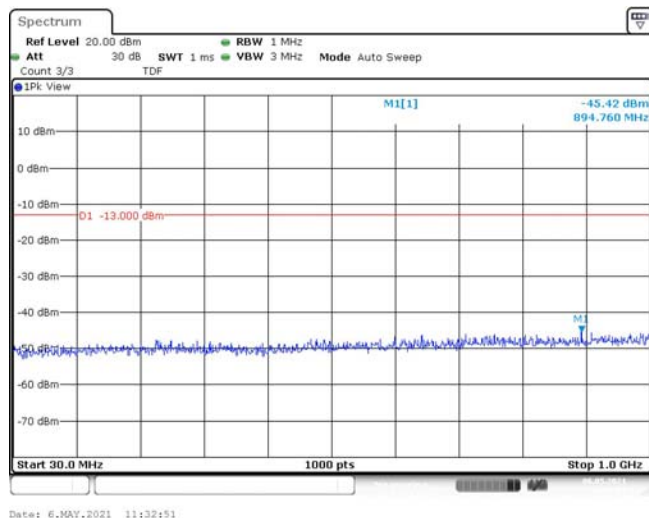
Band4-3MHz-QPSK-19965-1RB#0-Range2:1000~2000MHz



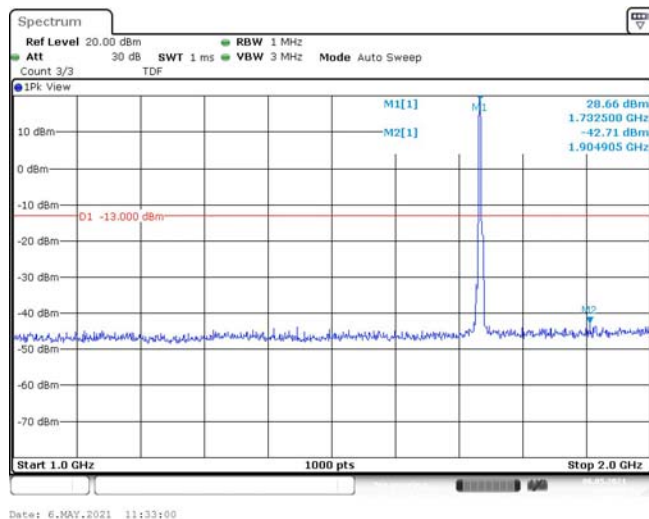
Band4-3MHz-QPSK-19965-1RB#0-Range3:2000~20000MHz



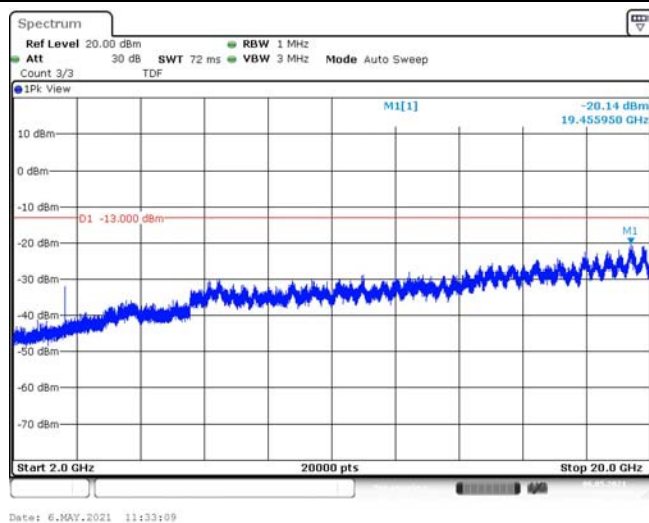
Band4-3MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



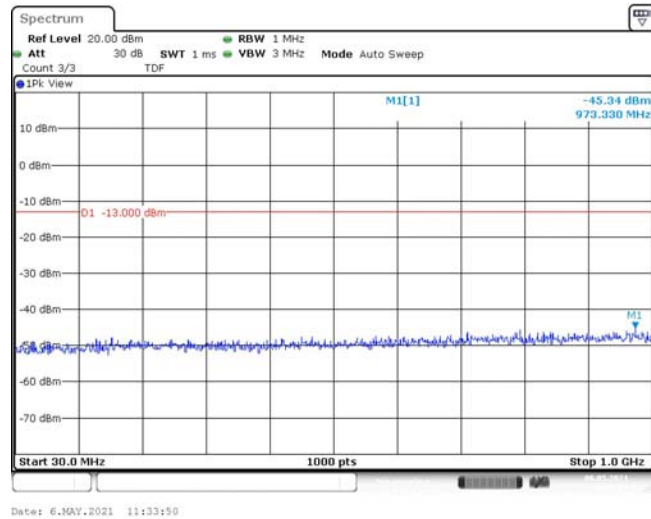
Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



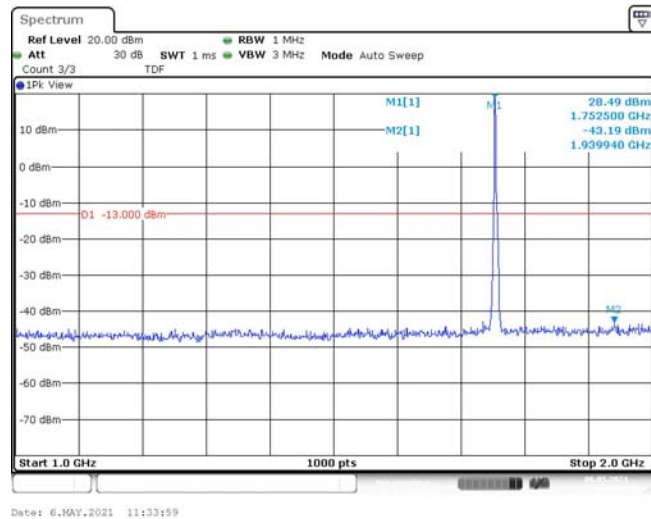
Band4-3MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



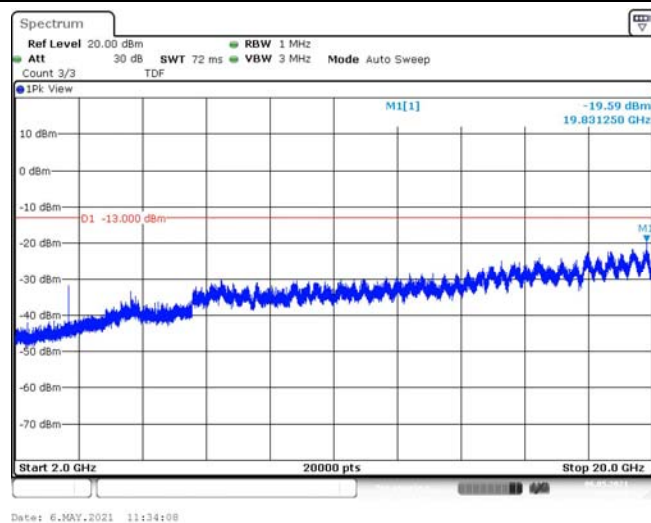
Band4-3MHz-QPSK-20385-1RB#0-Range1:30~1000MHz



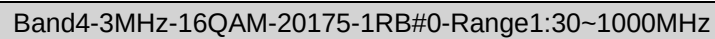
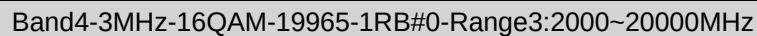
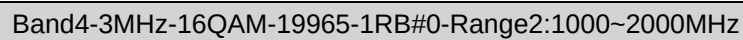
Band4-3MHz-QPSK-20385-1RB#0-Range2:1000~2000MHz



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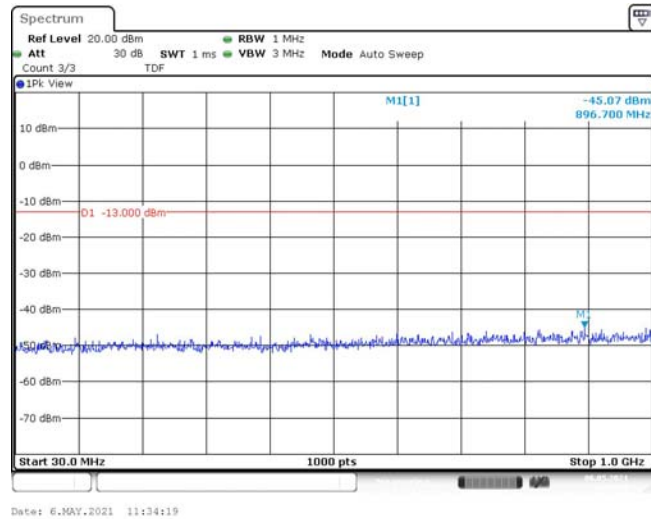


Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz

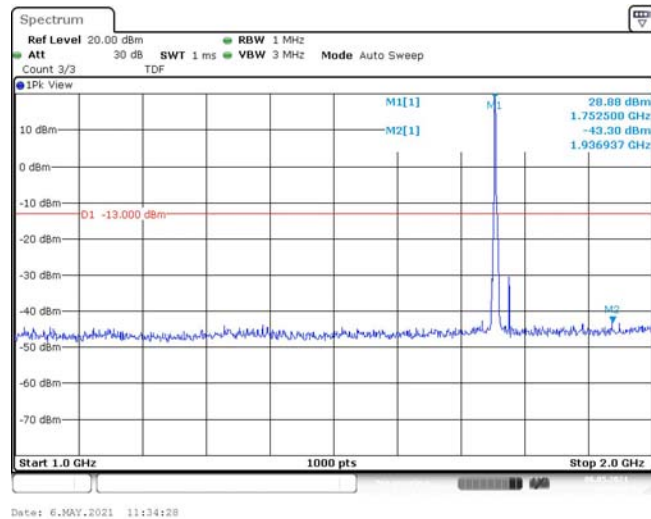




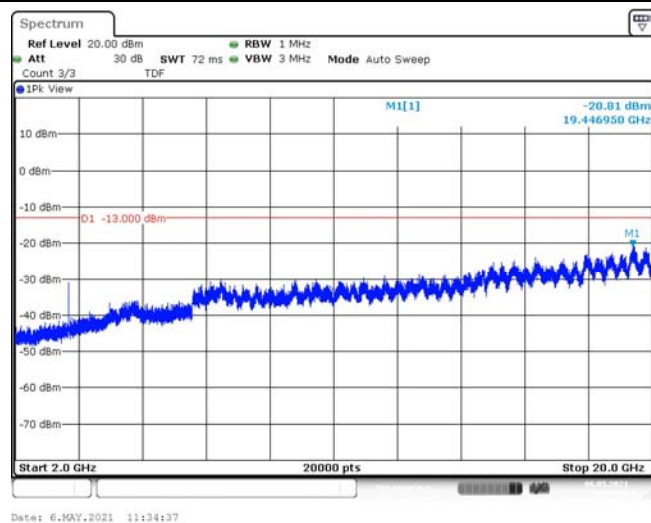
CTC Laboratories, Inc.



Band4-3MHz-16QAM-20385-1RB#0-Range2:1000~2000MHz



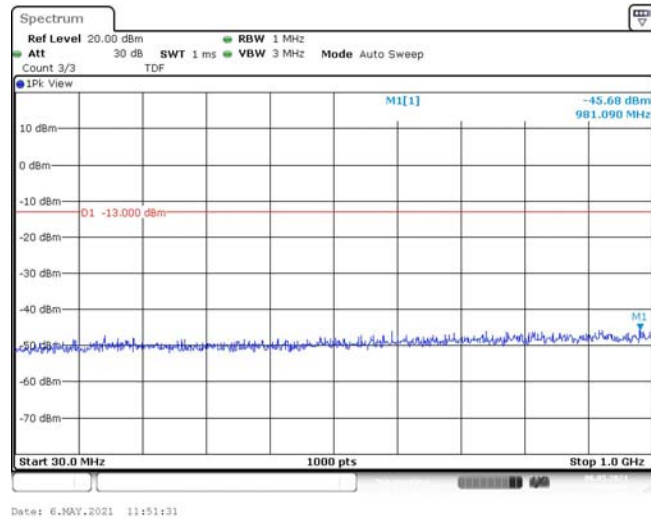
Band4-3MHz-16QAM-20385-1RB#0-Range3:2000~20000MHz



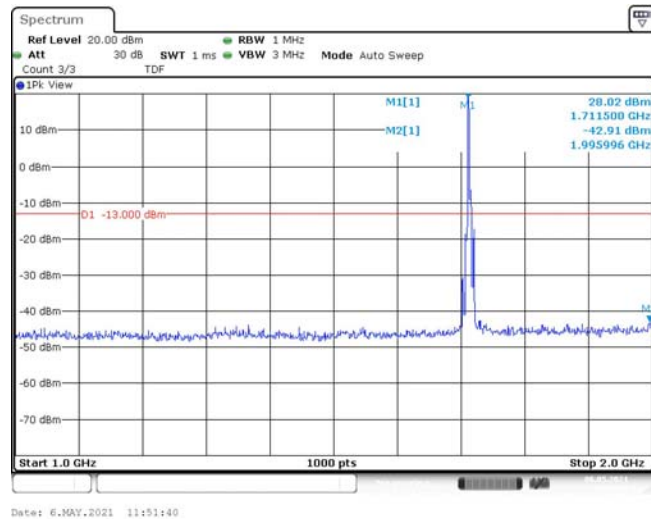
Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz



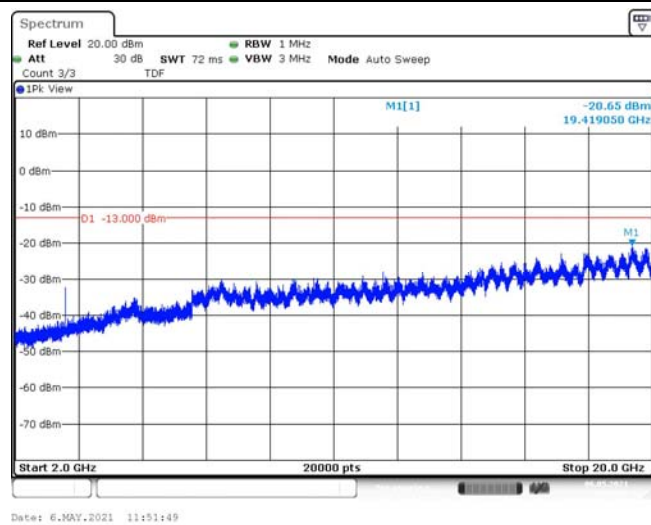
CTC Laboratories, Inc.



Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~2000MHz



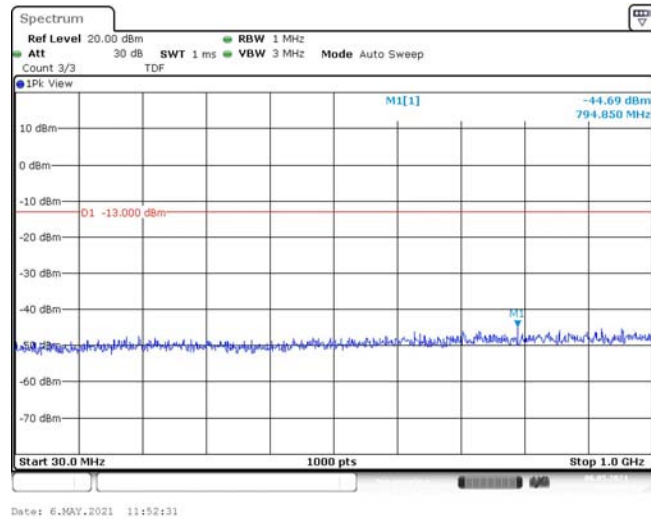
Band4-5MHz-QPSK-19975-1RB#0-Range3:2000~20000MHz



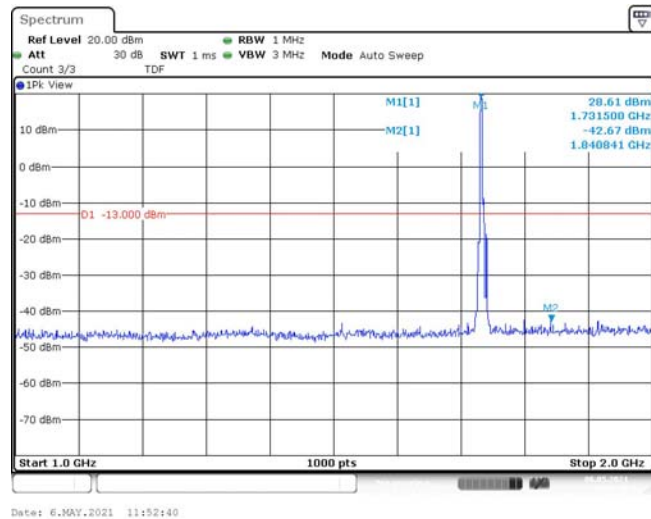
Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



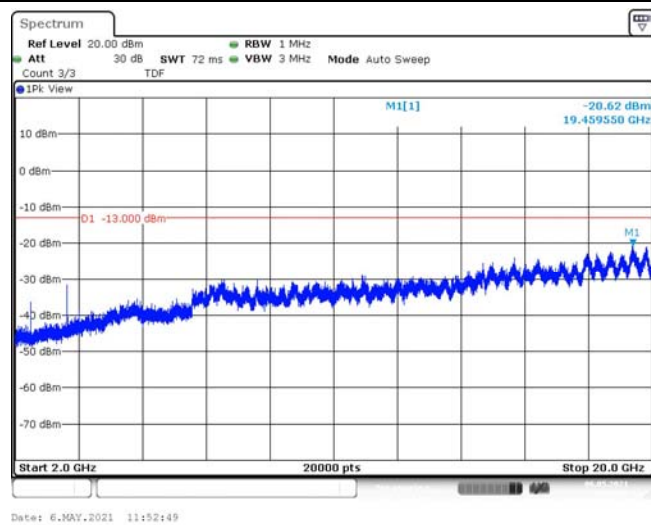
CTC Laboratories, Inc.



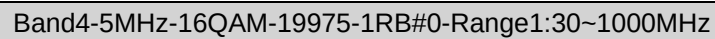
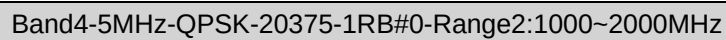
Band4-5MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz

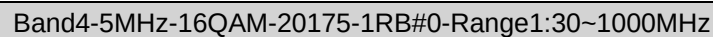
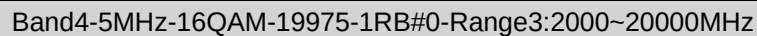
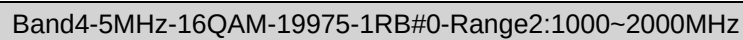


Band4-5MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



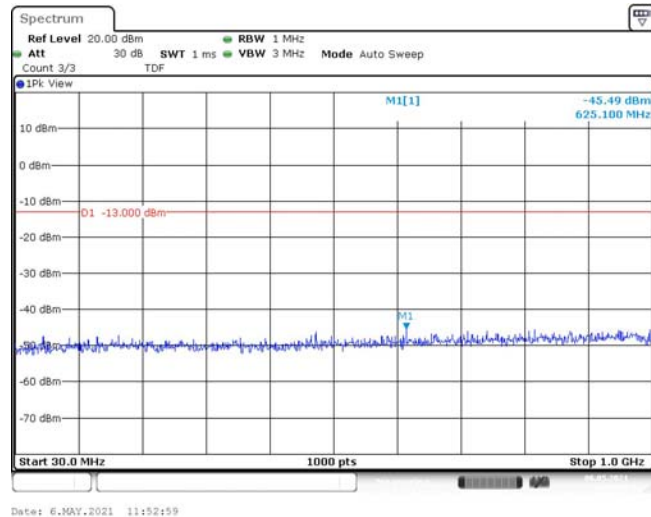
Band4-5MHz-QPSK-20375-1RB#0-Range1:30~1000MHz



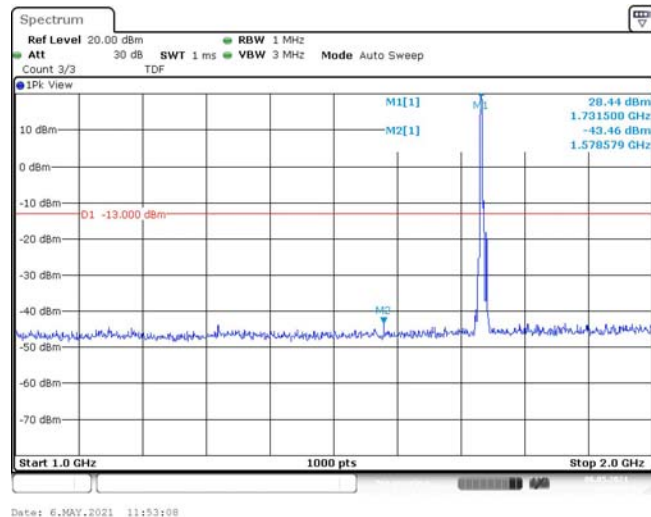




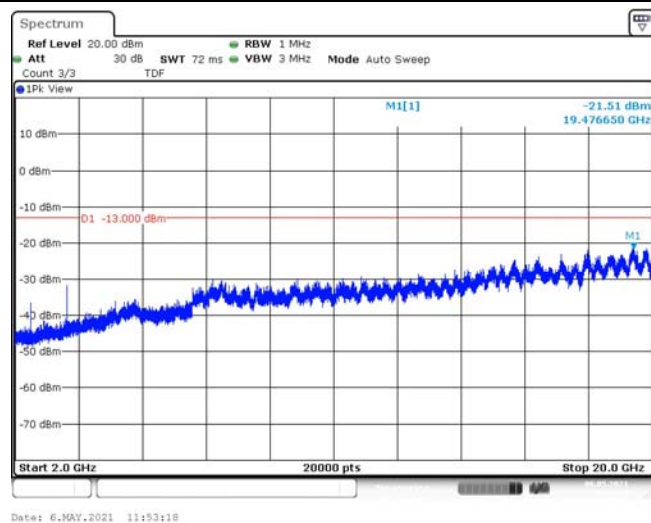
CTC Laboratories, Inc.



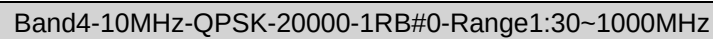
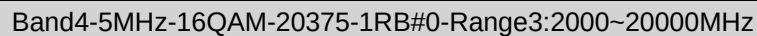
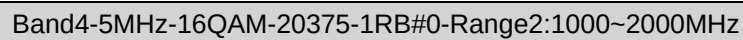
Band4-5MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz

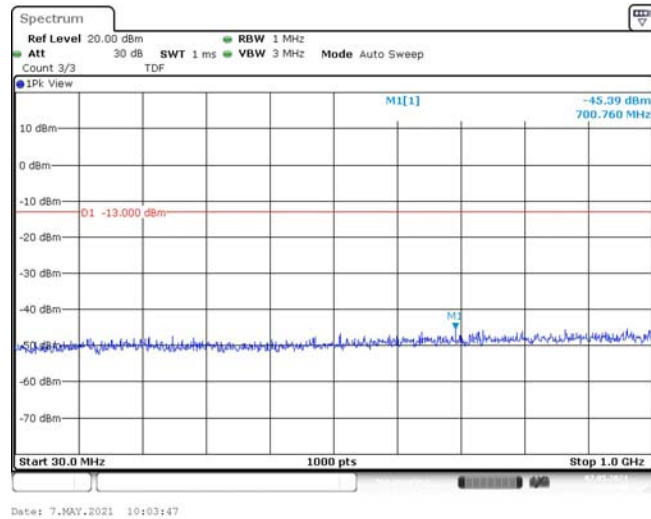


Band4-5MHz-16QAM-20375-1RB#0-Range1:30~1000MHz

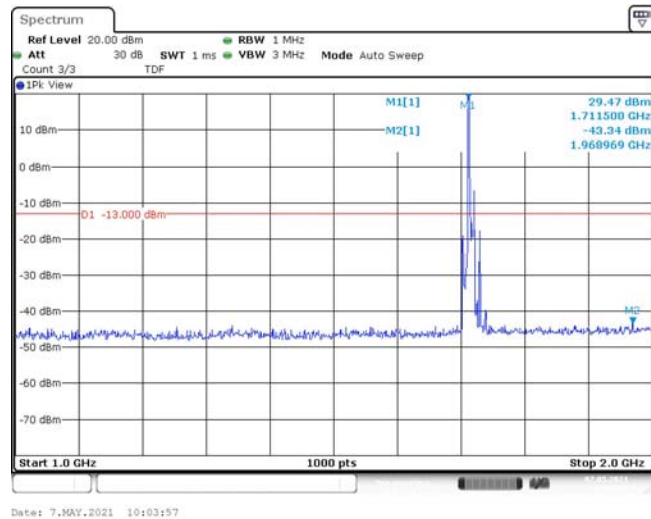




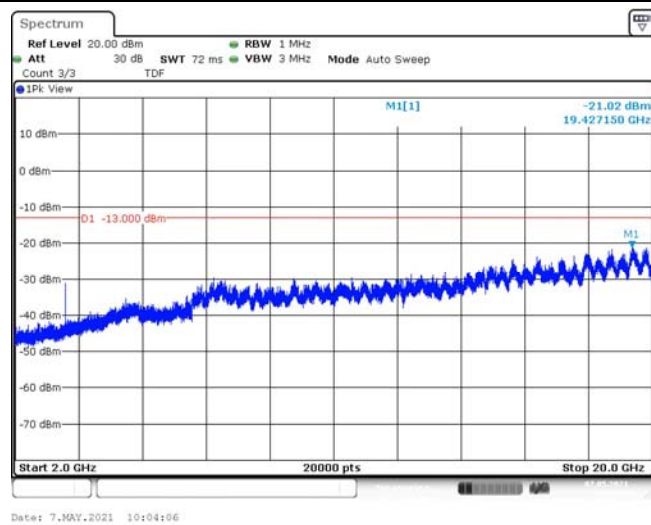
CTC Laboratories, Inc.



Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~2000MHz



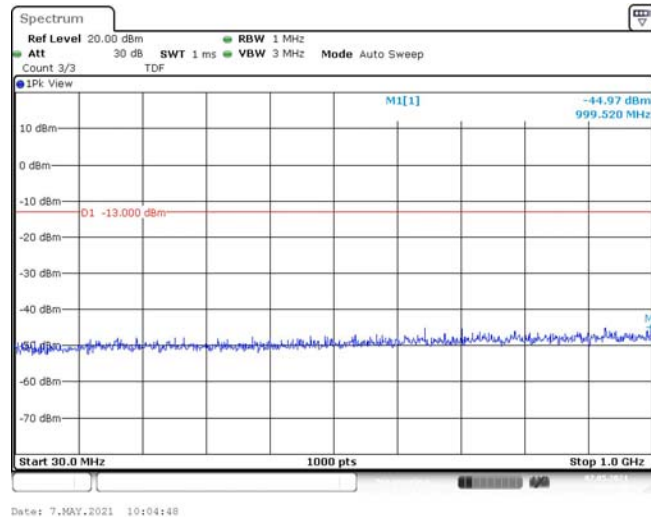
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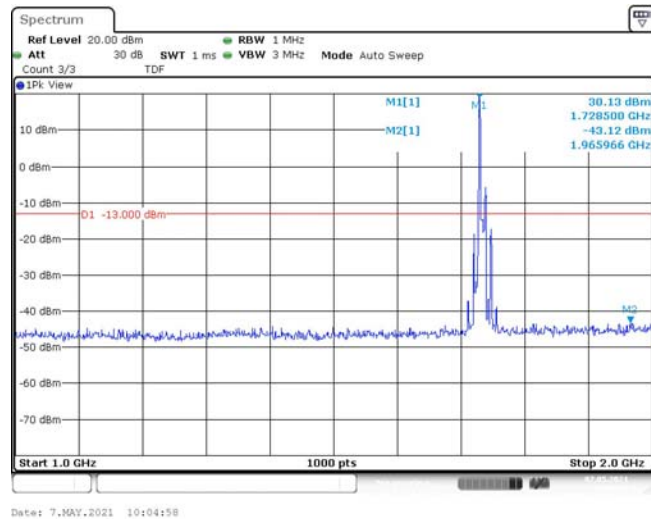
Band4-10MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



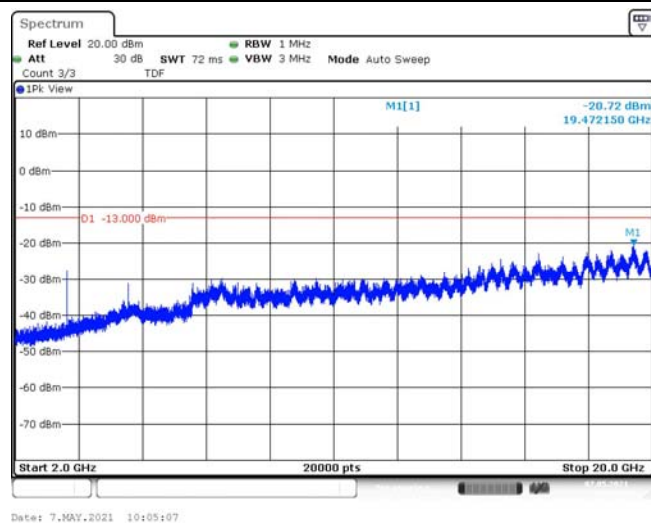
CTC Laboratories, Inc.



Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



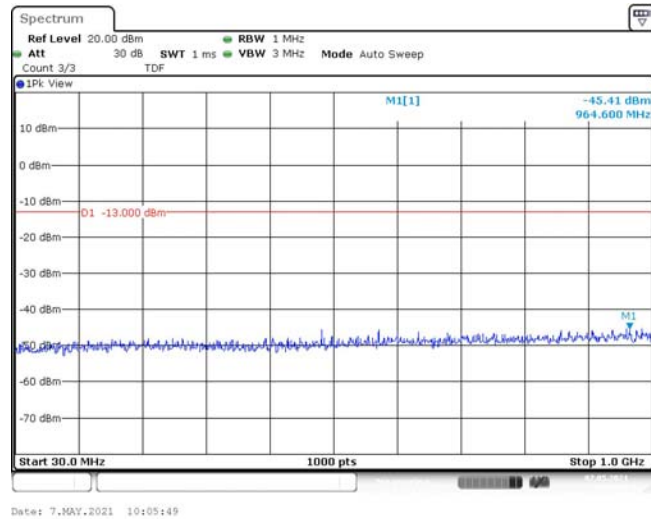
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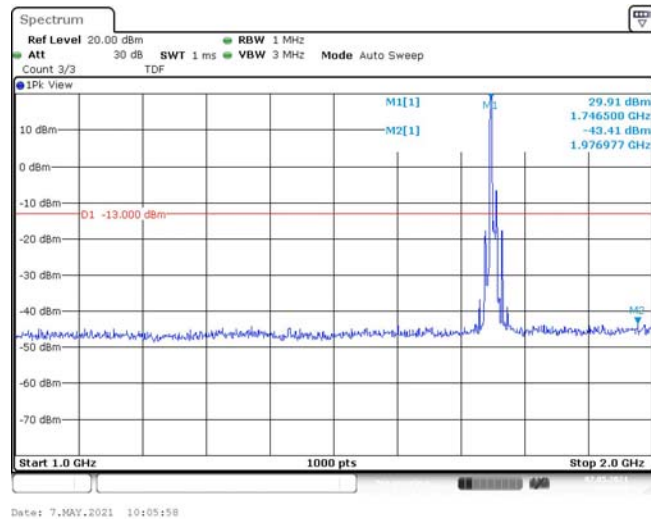
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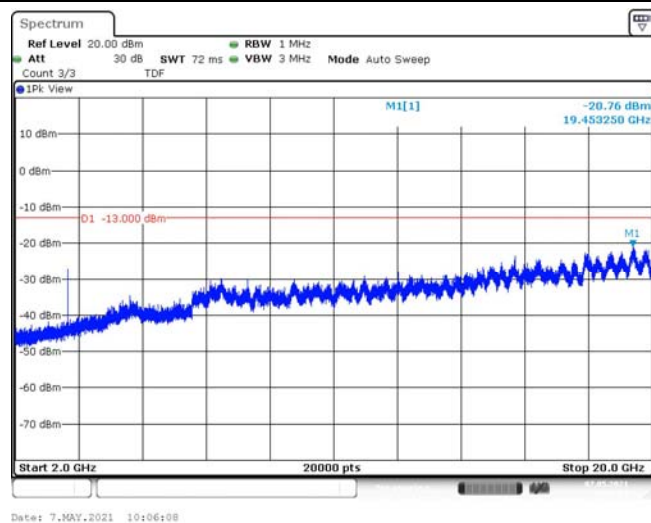
CTC Laboratories, Inc.



Band4-10MHz-QPSK-20350-1RB#0-Range2:1000~2000MHz



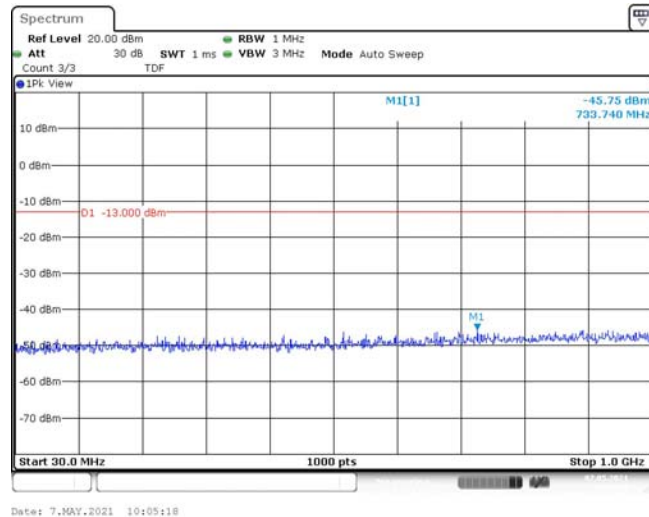
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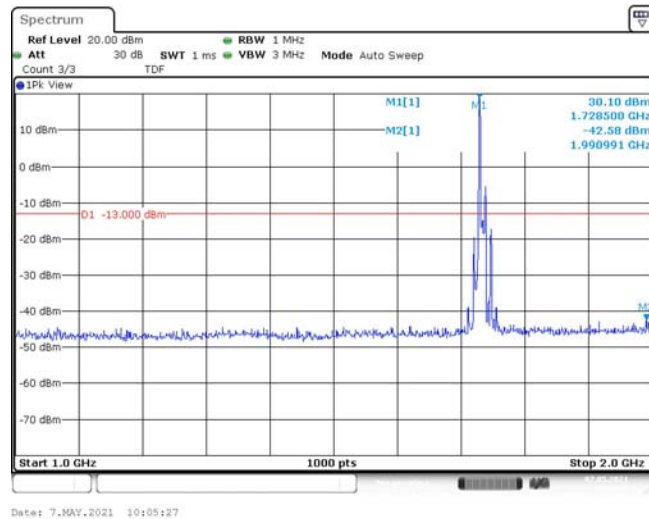
Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz



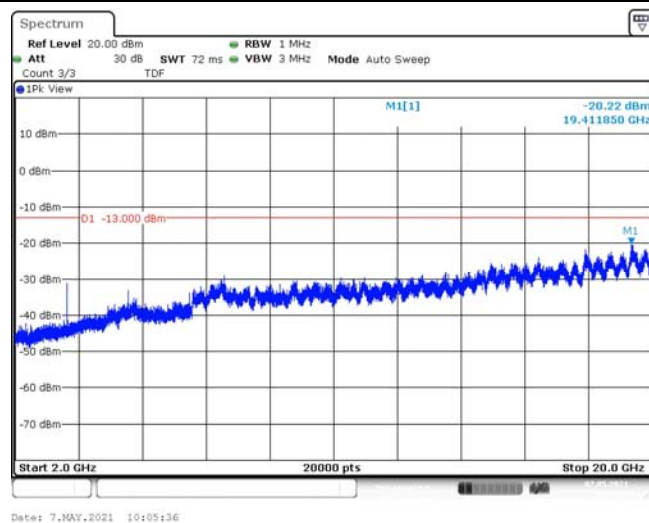
CTC Laboratories, Inc.



Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz



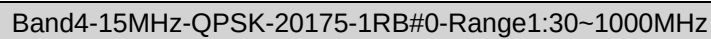
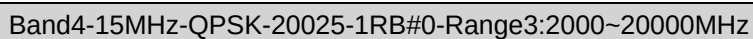
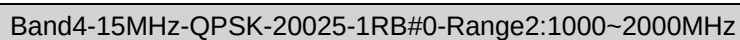
Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range3:2000~20000MHz

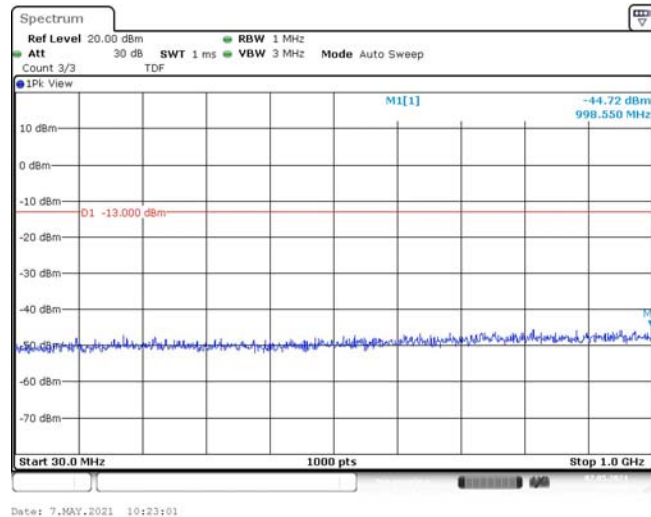


Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz

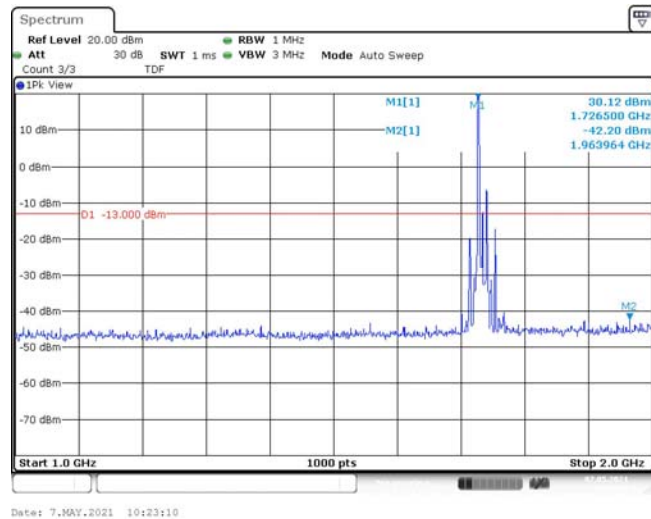




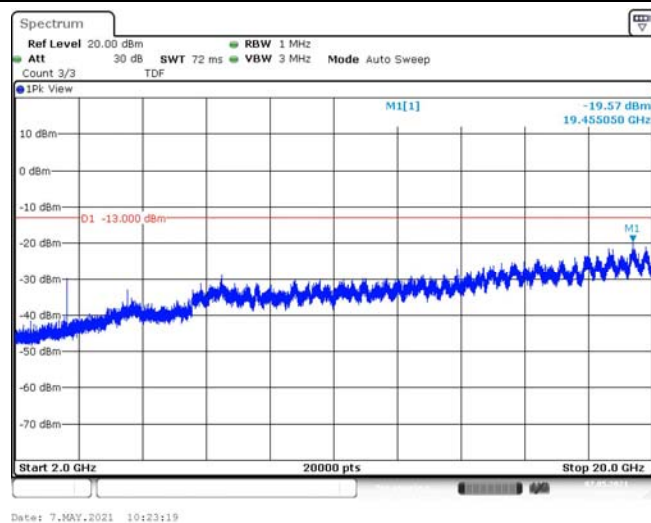
CTC Laboratories, Inc.



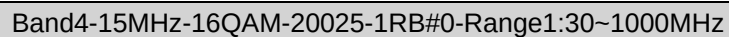
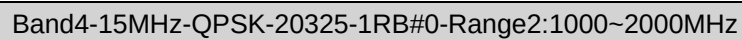
Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz

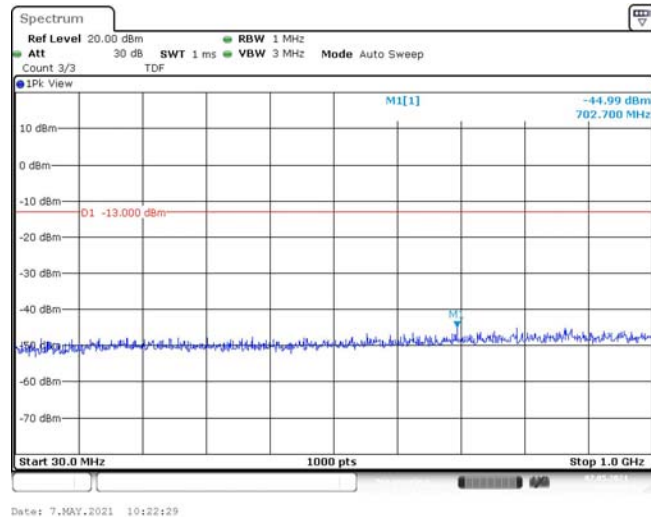


Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz

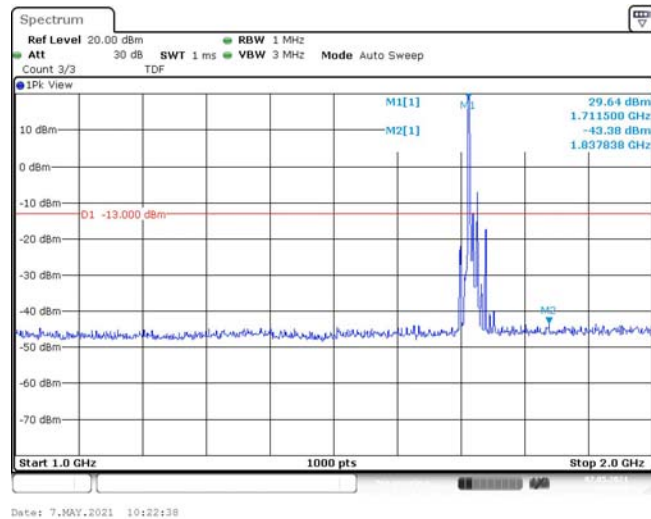




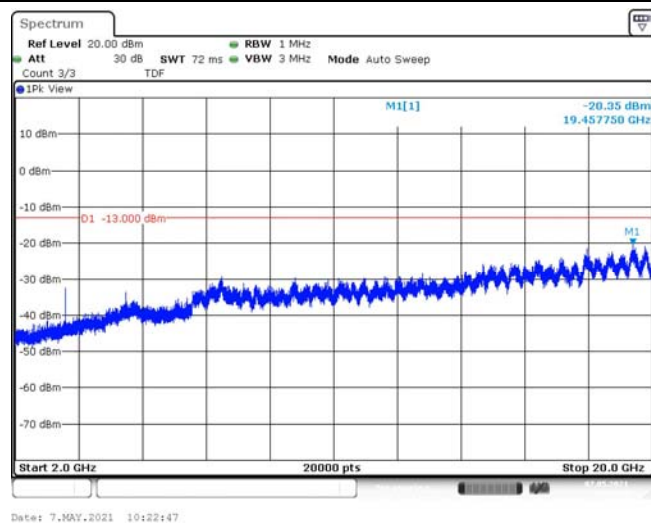
CTC Laboratories, Inc.



Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~2000MHz



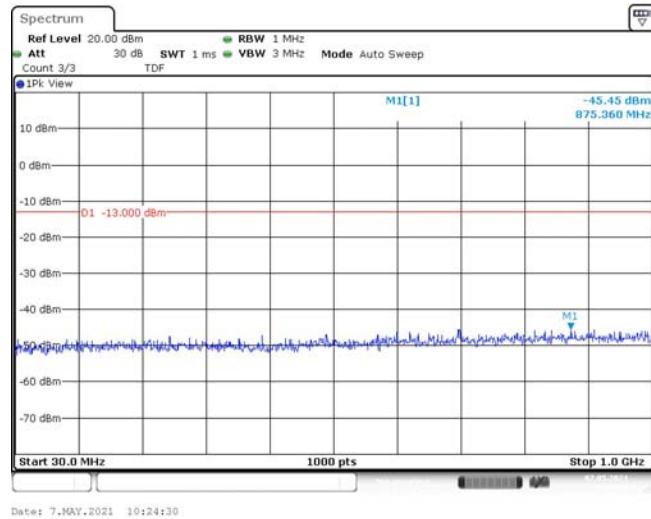
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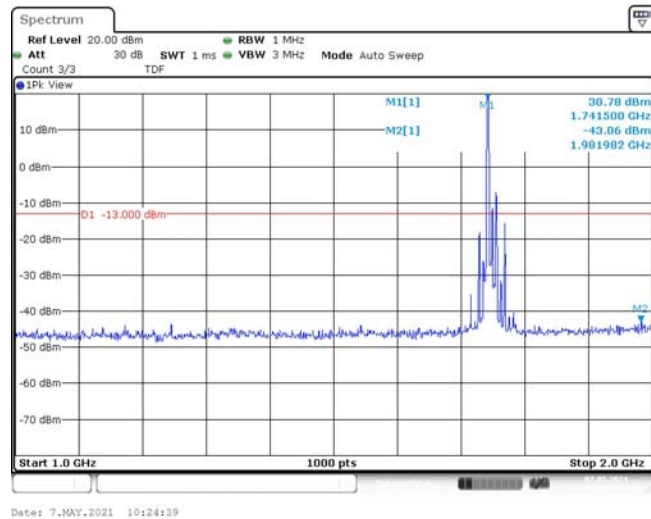
Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



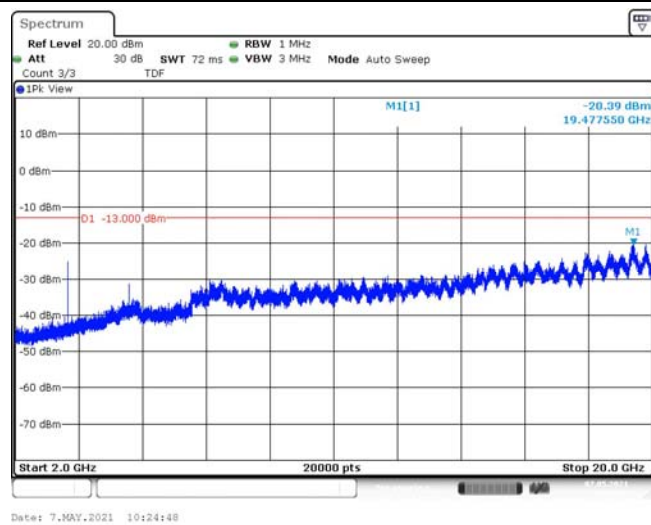
CTC Laboratories, Inc.



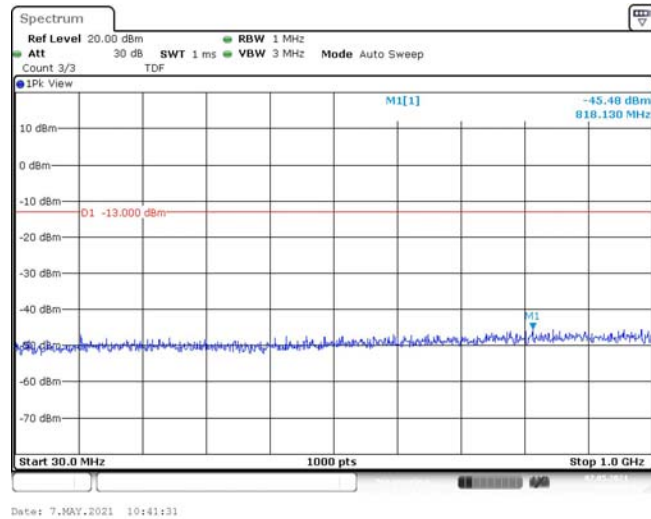
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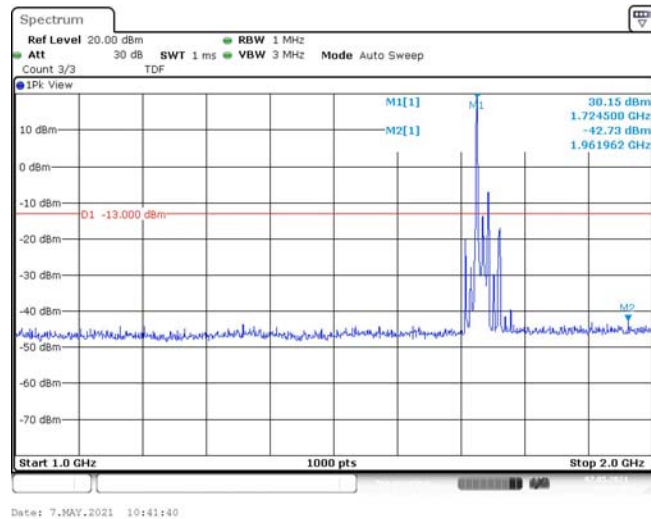
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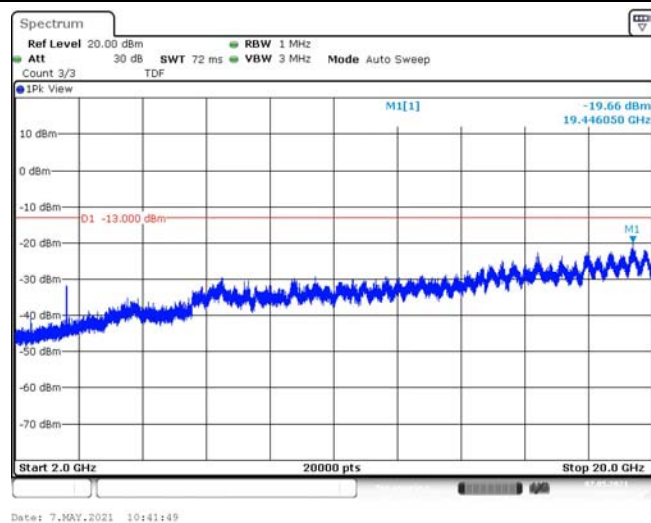
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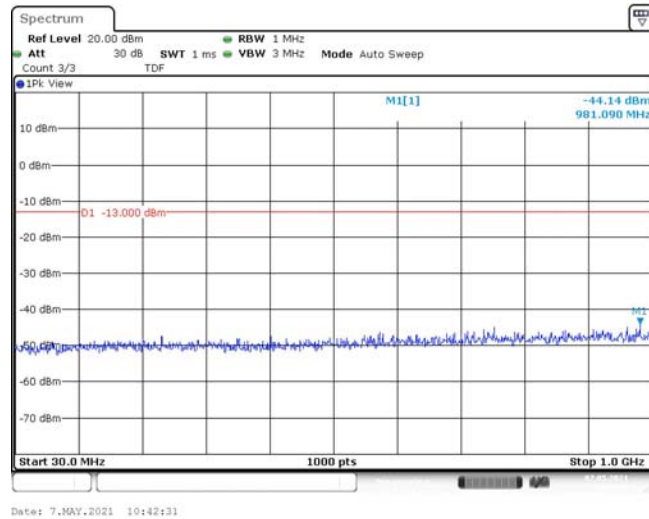
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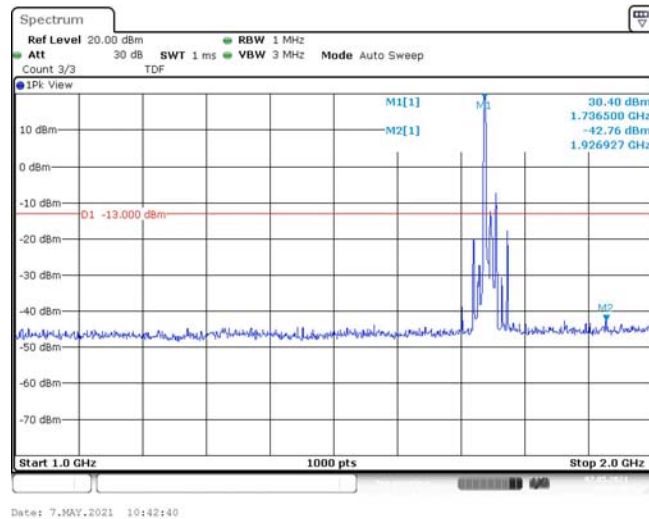
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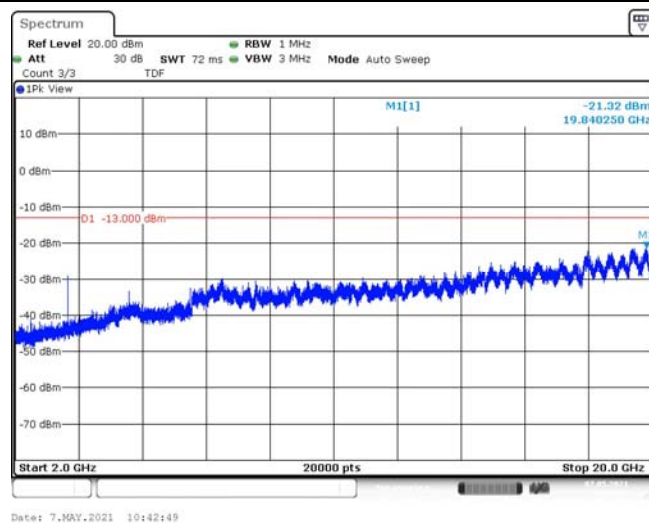
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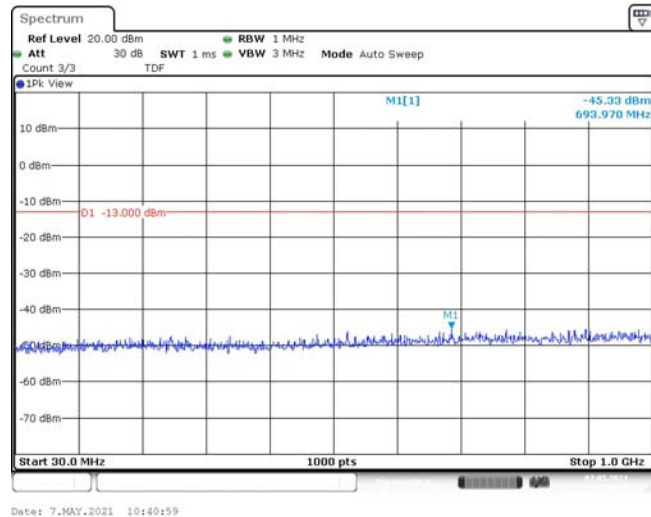
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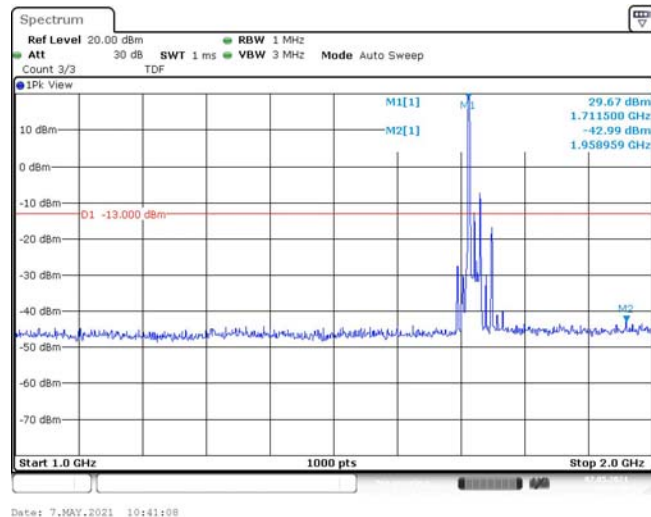
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



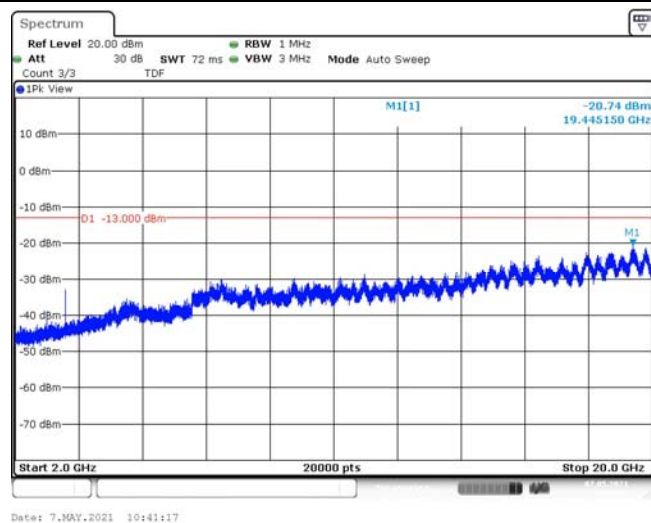
CTC Laboratories, Inc.



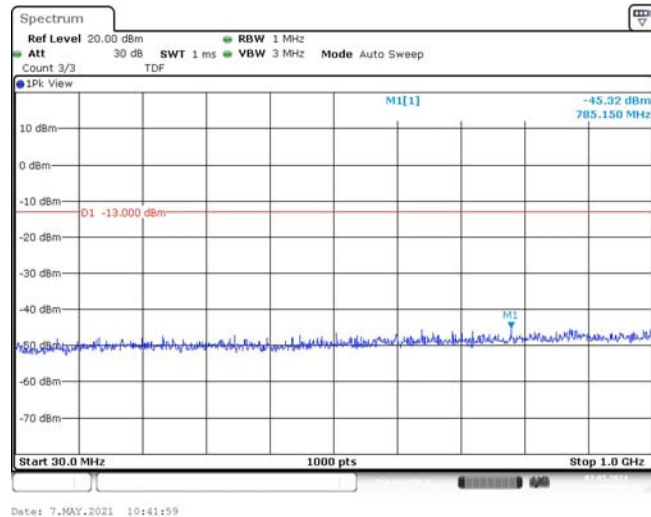
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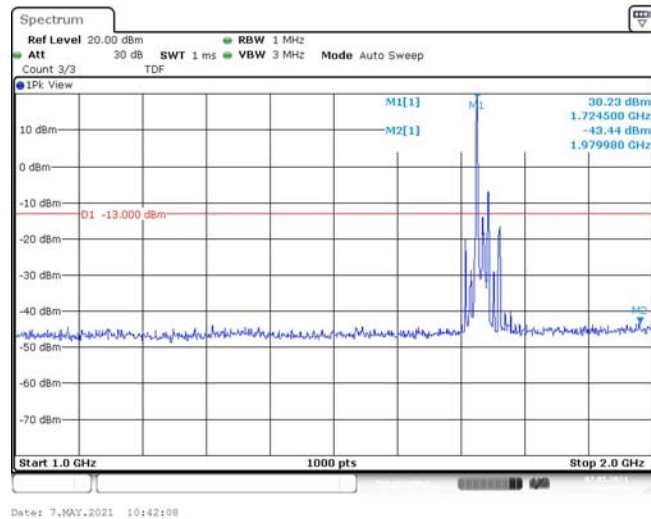
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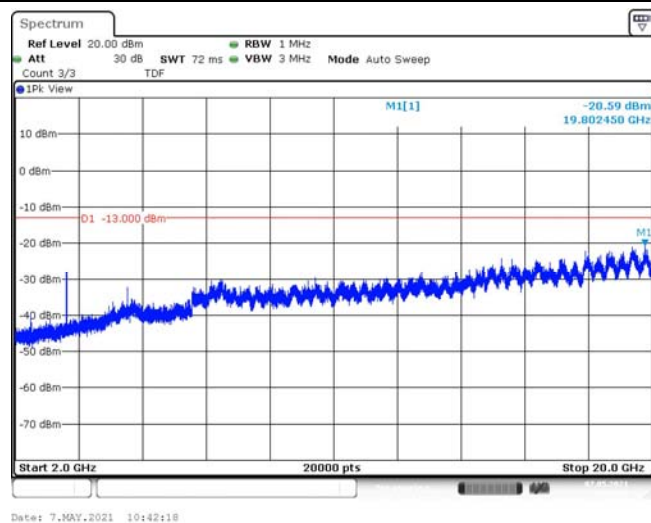
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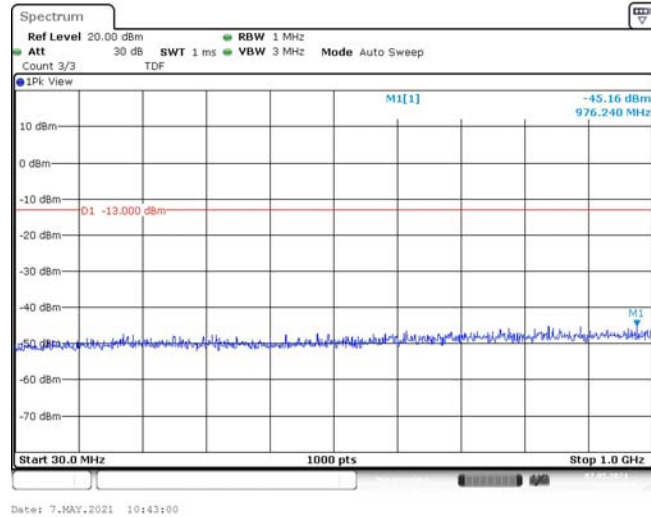
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



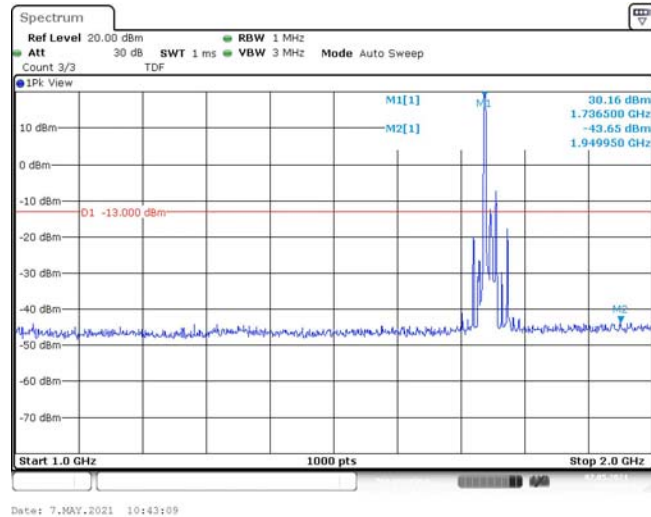
Band4-20MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



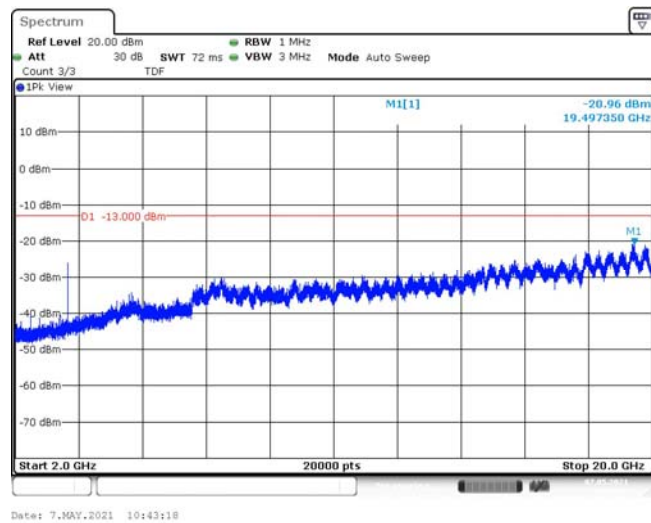
Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range3:2000~20000MHz





Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temp (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-4.03	-0.002356	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	-3.83	-0.002239	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	3.69	0.002157	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	3.63	0.002095	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	3.30	0.001905	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	7.22	0.004167	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-7.47	-0.004258	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-7.24	-0.004127	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-8.85	-0.005045	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-4.79	-0.002800	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	3.98	0.002327	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	5.44	0.003180	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-4.62	-0.002667	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	3.05	0.001760	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-3.43	-0.001980	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-4.08	-0.002326	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-5.59	-0.003186	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-6.19	-0.003528	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	3.66	0.002138	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	4.38	0.002559	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	2.26	0.001320	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	4.08	0.002355	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	-3.02	-0.001743	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	3.36	0.001939	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	-1.79	-0.001021	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-3.66	-0.002087	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	3.69	0.002104	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	2.07	0.001209	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-3.19	-0.001864	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	3.35	0.001957	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-4.21	-0.002430	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-4.85	-0.002799	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	4.02	0.002320	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	3.93	0.002241	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	4.16	0.002372	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	-3.65	-0.002082	±2.5	PASS



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Band4	5MHz	QPSK	19975	25RB#0	VL	NT	6.09	0.003556	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	6.54	0.003819	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	4.96	0.002896	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	3.06	0.001766	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	3.36	0.001939	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	5.79	0.003342	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-3.86	-0.002203	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	-5.87	-0.003350	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	-5.32	-0.003036	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	5.97	0.003486	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	5.88	0.003434	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	4.62	0.002698	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	5.58	0.003221	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	3.15	0.001818	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	5.28	0.003048	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-10.13	-0.005780	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-8.31	-0.004742	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-4.72	-0.002693	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	-5.92	-0.003452	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-3.18	-0.001854	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-4.99	-0.002910	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	2.20	0.001270	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	5.55	0.003203	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	2.80	0.001616	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	3.33	0.001903	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	3.58	0.002046	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	3.69	0.002109	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	-3.06	-0.001784	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	-4.05	-0.002362	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-3.38	-0.001971	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	3.29	0.001899	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	-2.47	-0.001426	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	-3.32	-0.001916	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	7.02	0.004011	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	-2.22	-0.001269	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	-2.20	-0.001257	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	4.26	0.002480	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	3.86	0.002247	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	4.03	0.002346	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	3.53	0.002038	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	5.76	0.003325	±2.5	PASS



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Band4	15MHz	QPSK	20175	75RB#0	VH	NT	3.89	0.002245	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	-7.68	-0.004395	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	5.76	0.003296	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	-5.54	-0.003170	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	3.28	0.001910	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	4.55	0.002649	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	4.05	0.002358	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	-3.92	-0.002263	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	2.96	0.001709	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	4.36	0.002517	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	-3.15	-0.001803	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	3.26	0.001866	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	-3.52	-0.002014	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	4.72	0.002744	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	4.91	0.002855	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	5.85	0.003401	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	4.18	0.002413	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	6.05	0.003492	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	4.13	0.002384	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-5.32	-0.003049	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-4.63	-0.002653	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-3.06	-0.001754	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	4.43	0.002576	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	3.45	0.002006	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	2.35	0.001366	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-3.49	-0.002014	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-3.55	-0.002049	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	4.82	0.002782	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-6.15	-0.003524	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-6.25	-0.003582	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-5.39	-0.003089	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temp (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	4.22	0.002467	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-3.09	-0.001806	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	3.68	0.002151	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	4.68	0.002736	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	3.58	0.002093	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-3.89	-0.002274	±2.5	PASS



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Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-3.91	-0.002286	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	3.33	0.001947	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	2.50	0.001461	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	4.49	0.002592	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	4.56	0.002632	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	3.92	0.002263	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	4.72	0.002724	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	3.91	0.002257	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	4.96	0.002863	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	3.16	0.001824	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	5.81	0.003354	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	4.84	0.002794	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-6.47	-0.003688	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-8.24	-0.004697	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	-5.84	-0.003329	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-3.69	-0.002103	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-7.34	-0.004184	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-7.44	-0.004241	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-4.89	-0.002787	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-5.95	-0.003392	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-6.29	-0.003585	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-3.15	-0.001841	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	4.75	0.002777	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	5.05	0.002952	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	4.69	0.002742	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	5.52	0.003227	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	4.39	0.002566	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	4.01	0.002344	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	3.83	0.002239	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-2.17	-0.001268	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-5.26	-0.003036	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	4.03	0.002326	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	2.17	0.001253	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-5.76	-0.003325	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-5.18	-0.002990	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	3.18	0.001835	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	3.06	0.001766	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	4.52	0.002609	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	2.98	0.001720	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-5.02	-0.002862	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-5.87	-0.003346	±2.5	PASS



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Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-5.06	-0.002884	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-3.42	-0.001949	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-3.62	-0.002064	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-4.95	-0.002822	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-5.28	-0.003010	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-6.42	-0.003660	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-7.18	-0.004093	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-3.71	-0.002168	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	-5.01	-0.002927	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-10	-3.18	-0.001858	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	-3.00	-0.001753	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-1.89	-0.001104	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	2.55	0.001490	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	-4.16	-0.002431	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	-4.31	-0.002518	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	-2.95	-0.001724	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-5.26	-0.003036	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-3.18	-0.001835	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-10	5.75	0.003319	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-4.13	-0.002384	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-3.52	-0.002032	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-2.78	-0.001605	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	3.86	0.002228	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	-2.19	-0.001264	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	2.88	0.001662	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-4.89	-0.002789	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	3.53	0.002013	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-10	-3.00	-0.001711	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	3.38	0.001928	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	4.02	0.002293	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	4.71	0.002686	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	-3.03	-0.001728	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	3.06	0.001745	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	4.84	0.002760	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	3.48	0.002033	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	2.89	0.001689	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-10	-2.30	-0.001344	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	-4.45	-0.002600	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	-2.45	-0.001431	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-3.10	-0.001811	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	2.47	0.001443	±2.5	PASS



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Band4	3MHz	16QAM	19965	15RB#0	NV	40	3.20	0.001870	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	-4.32	-0.002524	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	4.43	0.002557	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	4.38	0.002528	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-10	2.56	0.001478	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-3.08	-0.001778	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	2.05	0.001183	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	4.72	0.002724	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	4.76	0.002747	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	3.78	0.002182	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	3.49	0.002014	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	4.73	0.002697	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	-2.92	-0.001665	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-10	3.28	0.001871	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	5.38	0.003068	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	4.16	0.002372	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	6.04	0.003445	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	3.23	0.001842	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	4.85	0.002766	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	-2.63	-0.001500	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	3.32	0.001939	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	6.67	0.003895	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-10	4.79	0.002797	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	6.74	0.003936	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	4.62	0.002698	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	6.05	0.003533	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	4.49	0.002622	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	5.69	0.003323	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	5.12	0.002990	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-2.73	-0.001576	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	-3.52	-0.002032	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-10	-3.73	-0.002153	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-3.56	-0.002055	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-3.55	-0.002049	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	3.05	0.001760	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	-5.21	-0.003007	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-2.32	-0.001339	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	3.42	0.001974	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-5.46	-0.003116	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-5.98	-0.003412	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-10	-4.46	-0.002545	±2.5	PASS



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Band4	5MHz	QPSK	20375	25RB#0	NV	0	-3.55	-0.002026	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-5.35	-0.003053	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-5.95	-0.003395	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-5.42	-0.003093	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-5.16	-0.002944	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-5.78	-0.003298	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	5.69	0.003323	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	5.58	0.003258	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-10	3.23	0.001886	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	8.13	0.004747	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	5.05	0.002949	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	4.72	0.002756	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	6.72	0.003924	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	3.96	0.002312	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	6.98	0.004076	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	2.86	0.001651	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-3.93	-0.002268	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-10	2.86	0.001651	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	2.49	0.001437	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	-5.65	-0.003261	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	3.81	0.002199	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	-4.46	-0.002574	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	2.06	0.001189	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-3.42	-0.001974	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-6.48	-0.003698	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-4.75	-0.002710	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-10	-3.73	-0.002128	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-5.41	-0.003087	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-4.91	-0.002802	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-5.21	-0.002973	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-6.04	-0.003447	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-5.02	-0.002864	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-3.72	-0.002123	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-4.48	-0.002612	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-4.94	-0.002880	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-10	-3.62	-0.002111	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-3.65	-0.002128	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-6.09	-0.003551	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-3.18	-0.001854	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-6.09	-0.003551	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	-6.68	-0.003895	±2.5	PASS



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Band4	10MHz	QPSK	20000	50RB#0	NV	50	-6.17	-0.003598	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	3.40	0.001962	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-5.68	-0.003278	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-10	2.98	0.001720	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	4.48	0.002586	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-3.92	-0.002263	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-1.86	-0.001074	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	2.73	0.001576	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	3.18	0.001835	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	2.10	0.001212	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	4.94	0.002823	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	4.38	0.002503	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-10	4.43	0.002531	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	-3.78	-0.002160	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	4.79	0.002737	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-3.18	-0.001817	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	5.11	0.002920	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	2.89	0.001651	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	3.22	0.001840	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	-4.39	-0.002560	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	-6.35	-0.003703	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-10	-7.88	-0.004595	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	-7.54	-0.004397	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	-6.58	-0.003837	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	-5.32	-0.003102	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	-2.49	-0.001452	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	-5.26	-0.003067	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	-5.16	-0.003009	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	3.72	0.002147	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	2.32	0.001339	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-10	2.56	0.001478	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	4.88	0.002817	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	-2.09	-0.001206	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	1.95	0.001126	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	3.85	0.002222	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	3.25	0.001876	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	-2.72	-0.001570	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	3.00	0.001714	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	4.46	0.002549	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-10	4.28	0.002446	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	4.76	0.002720	±2.5	PASS



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Band4	10MHz	16QAM	20350	50RB#0	NV	10	2.80	0.001600	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	5.31	0.003034	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	-3.68	-0.002103	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	4.76	0.002720	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	2.70	0.001543	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	2.80	0.001630	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	3.42	0.001991	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-10	4.61	0.002684	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	-3.50	-0.002038	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	3.30	0.001921	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	3.78	0.002201	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	-3.22	-0.001875	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	-4.82	-0.002806	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	3.66	0.002131	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	4.65	0.002684	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	3.05	0.001760	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-10	2.59	0.001495	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	3.08	0.001778	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-4.25	-0.002453	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	5.45	0.003146	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	-3.68	-0.002124	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	2.95	0.001703	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	5.49	0.003169	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	-3.43	-0.001963	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	-4.62	-0.002644	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-10	-3.68	-0.002106	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	2.15	0.001230	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	2.56	0.001465	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	-3.60	-0.002060	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	-3.36	-0.001923	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-2.76	-0.001579	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	-2.93	-0.001677	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	4.94	0.002876	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	4.84	0.002818	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-10	4.41	0.002568	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	-3.86	-0.002247	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	-3.81	-0.002218	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	-3.30	-0.001921	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	3.45	0.002009	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	-3.26	-0.001898	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	-4.61	-0.002684	±2.5	PASS



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Band4	15MHz	16QAM	20175	75RB#0	NV	-30	4.39	0.002534	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	5.97	0.003446	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-10	-2.52	-0.001455	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	3.26	0.001882	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	2.19	0.001264	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	4.01	0.002315	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	30	-2.82	-0.001628	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	1.75	0.001010	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	3.52	0.002032	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	-6.64	-0.003800	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	5.12	0.002930	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-10	-3.29	-0.001883	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	2.80	0.001602	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	-2.29	-0.001310	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	6.87	0.003931	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	4.32	0.002472	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	-3.79	-0.002169	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	-3.92	-0.002243	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	4.73	0.002750	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	3.65	0.002122	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	3.50	0.002035	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	4.48	0.002605	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	4.88	0.002837	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	6.19	0.003599	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	4.72	0.002744	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	6.65	0.003866	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	3.73	0.002169	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-3.35	-0.001934	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	3.73	0.002153	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	3.09	0.001784	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	5.31	0.003065	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	2.98	0.001720	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	3.73	0.002153	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-6.38	-0.003683	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-5.19	-0.002996	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	4.59	0.002649	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-5.09	-0.002917	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-5.31	-0.003043	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-4.31	-0.002470	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-5.29	-0.003032	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-4.71	-0.002699	±2.5	PASS



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Band4	20MHz	QPSK	20300	100RB#0	NV	20	-5.31	-0.003043	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-2.75	-0.001576	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-4.32	-0.002476	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-5.99	-0.003433	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	5.02	0.002919	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	4.95	0.002878	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	4.19	0.002436	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	4.16	0.002419	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	3.83	0.002227	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	6.65	0.003866	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	3.49	0.002029	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	3.99	0.002320	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	3.88	0.002256	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-3.93	-0.002268	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-3.15	-0.001818	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	3.53	0.002038	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	3.42	0.001974	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	3.92	0.002263	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	4.65	0.002684	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-3.66	-0.002113	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	4.18	0.002413	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	4.11	0.002372	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-4.94	-0.002831	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-3.40	-0.001948	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-4.89	-0.002802	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-4.38	-0.002510	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-6.24	-0.003576	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-4.41	-0.002527	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-2.76	-0.001582	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-5.94	-0.003404	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-3.25	-0.001862	±2.5	PASS