



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-19.32	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-28.92	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-25.90	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-28.16	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-16.47	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-25.25	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-18.26	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-29.04	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-26.19	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-29.56	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-19.48	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-24.89	PASS
Band4	3MHz	QPSK	19965	1RB#0	-36.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	-23.39	PASS
Band4	3MHz	QPSK	19965	15RB#0	-19.22	PASS
Band4	3MHz	QPSK	20385	1RB#0	-23.43	PASS
Band4	3MHz	QPSK	20385	1RB#14	-34.613	PASS
Band4	3MHz	QPSK	20385	15RB#0	-19.41	PASS
Band4	3MHz	16QAM	19965	1RB#0	-34.048	PASS
Band4	3MHz	16QAM	19965	1RB#14	-23.71	PASS
Band4	3MHz	16QAM	19965	15RB#0	-20.24	PASS
Band4	3MHz	16QAM	20385	1RB#0	-24.95	PASS
Band4	3MHz	16QAM	20385	1RB#14	-32.365	PASS
Band4	3MHz	16QAM	20385	15RB#0	-19.38	PASS
Band4	5MHz	QPSK	19975	1RB#0	-13.23	PASS
Band4	5MHz	QPSK	19975	1RB#24	-31.19	PASS
Band4	5MHz	QPSK	19975	25RB#0	-23.93	PASS
Band4	5MHz	QPSK	20375	1RB#0	-30.10	PASS
Band4	5MHz	QPSK	20375	1RB#24	-37.579	PASS
Band4	5MHz	QPSK	20375	25RB#0	-23.78	PASS
Band4	5MHz	16QAM	19975	1RB#0	-14.80	PASS
Band4	5MHz	16QAM	19975	1RB#24	-32.17	PASS
Band4	5MHz	16QAM	19975	25RB#0	-24.30	PASS
Band4	5MHz	16QAM	20375	1RB#0	-33.18	PASS
Band4	5MHz	16QAM	20375	1RB#24	-13.22	PASS



Band4	5MHz	16QAM	20375	25RB#0	-24.87	PASS
Band4	10MHz	QPSK	20000	1RB#0	-16.46	PASS
Band4	10MHz	QPSK	20000	1RB#49	-34.64	PASS
Band4	10MHz	QPSK	20000	50RB#0	-27.08	PASS
Band4	10MHz	QPSK	20350	1RB#0	-35.53	PASS
Band4	10MHz	QPSK	20350	1RB#49	-15.03	PASS
Band4	10MHz	QPSK	20350	50RB#0	-25.05	PASS
Band4	10MHz	16QAM	20000	1RB#0	-17.28	PASS
Band4	10MHz	16QAM	20000	1RB#49	-34.93	PASS
Band4	10MHz	16QAM	20000	50RB#0	-27.06	PASS
Band4	10MHz	16QAM	20350	1RB#0	-36.11	PASS
Band4	10MHz	16QAM	20350	1RB#49	-15.43	PASS
Band4	10MHz	16QAM	20350	50RB#0	-26.20	PASS
Band4	15MHz	QPSK	20025	1RB#0	-15.77	PASS
Band4	15MHz	QPSK	20025	1RB#74	-36.03	PASS
Band4	15MHz	QPSK	20025	75RB#0	-27.67	PASS
Band4	15MHz	QPSK	20325	1RB#0	-39.05	PASS
Band4	15MHz	QPSK	20325	1RB#74	-15.34	PASS
Band4	15MHz	QPSK	20325	75RB#0	-24.80	PASS
Band4	15MHz	16QAM	20025	1RB#0	-16.11	PASS
Band4	15MHz	16QAM	20025	1RB#74	-36.13	PASS
Band4	15MHz	16QAM	20025	75RB#0	-27.02	PASS
Band4	15MHz	16QAM	20325	1RB#0	-38.81	PASS
Band4	15MHz	16QAM	20325	1RB#74	-15.46	PASS
Band4	15MHz	16QAM	20325	75RB#0	-26.11	PASS
Band4	20MHz	QPSK	20050	1RB#0	-18.41	PASS
Band4	20MHz	QPSK	20050	1RB#99	-37.50	PASS
Band4	20MHz	QPSK	20050	100RB#0	-28.75	PASS
Band4	20MHz	QPSK	20300	1RB#0	-25.53	PASS
Band4	20MHz	QPSK	20300	1RB#99	-16.54	PASS
Band4	20MHz	QPSK	20300	100RB#0	-26.75	PASS
Band4	20MHz	16QAM	20050	1RB#0	-18.24	PASS
Band4	20MHz	16QAM	20050	1RB#99	-38.06	PASS
Band4	20MHz	16QAM	20050	100RB#0	-27.96	PASS
Band4	20MHz	16QAM	20300	1RB#0	-26.78	PASS
Band4	20MHz	16QAM	20300	1RB#99	-17.87	PASS
Band4	20MHz	16QAM	20300	100RB#0	-27.98	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0



Band4-1.4MHz-QPSK-19957-1RB#5



Band4-1.4MHz-QPSK-19957-6RB#0



Band4-1.4MHz-QPSK-20393-1RB#0



Band4-1.4MHz-QPSK-20393-1RB#5



Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-1RB#0



Band4-1.4MHz-16QAM-19957-1RB#5



Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20393-1RB#0



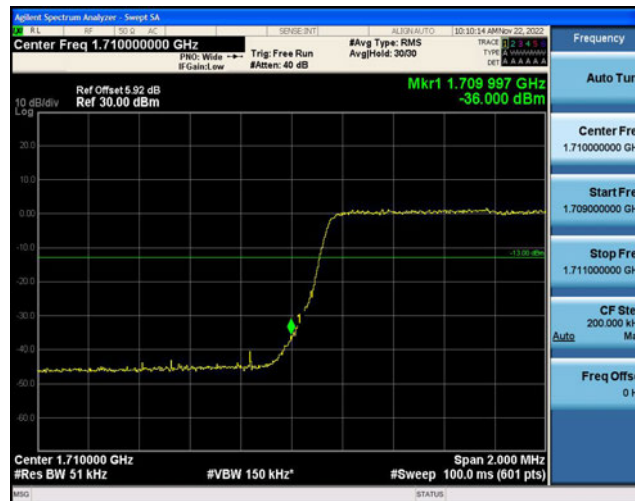
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Band4-1.4MHz-16QAM-20393-6RB#0



Band4-3MHz-QPSK-19965-1RB#0



Band4-3MHz-QPSK-19965-1RB#14



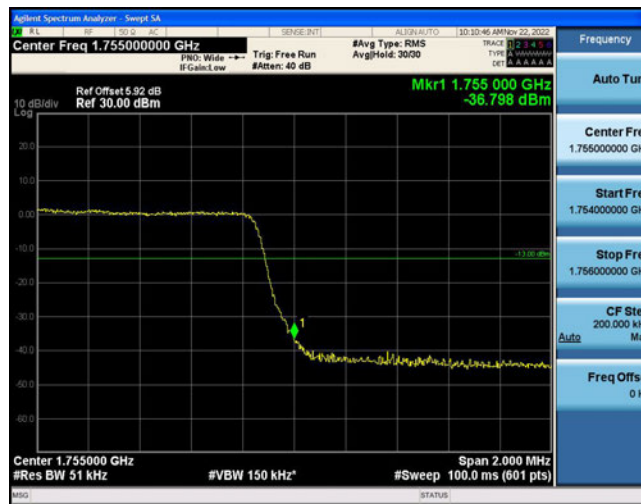
Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20385-1RB#0



Band4-3MHz-QPSK-20385-1RB#14



Band4-3MHz-QPSK-20385-15RB#0



Band4-3MHz-16QAM-19965-1RB#0



Band4-3MHz-16QAM-19965-1RB#14



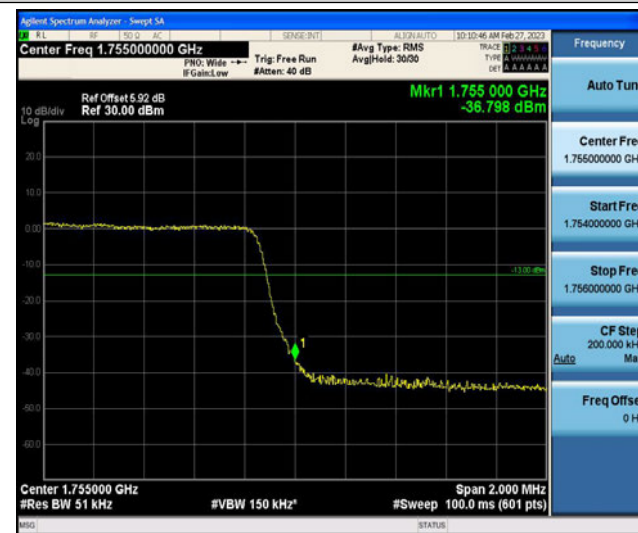
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Band4-3MHz-16QAM-20385-1RB#0



Band4-3MHz-16QAM-20385-1RB#14



Band4-3MHz-16QAM-20385-15RB#0



Band4-5MHz-QPSK-19975-1RB#0



Band4-5MHz-QPSK-19975-1RB#24



Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20375-1RB#0



Band4-5MHz-QPSK-20375-1RB#24



Band4-5MHz-QPSK-20375-25RB#0



Band4-5MHz-16QAM-19975-1RB#0



Band4-5MHz-16QAM-19975-1RB#24



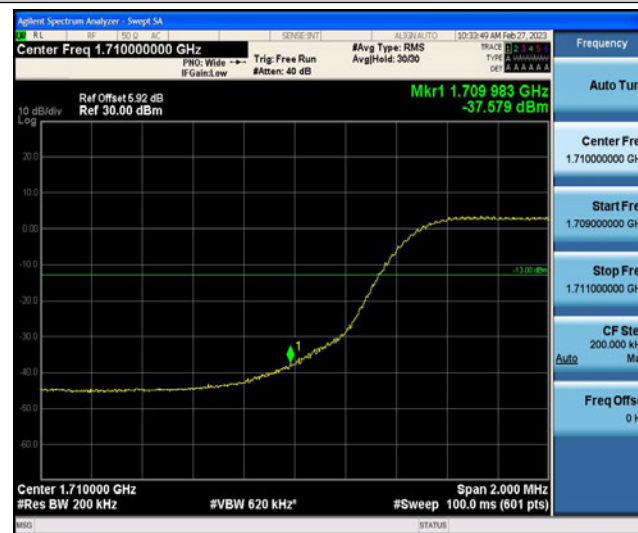
Band4-5MHz-16QAM-19975-25RB#0



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



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



Band4-5MHz-16QAM-20375-25RB#0



Band4-10MHz-QPSK-20000-1RB#0



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



Band4-10MHz-QPSK-20000-50RB#0



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



Band4-10MHz-QPSK-20350-1RB#49



Band4-10MHz-QPSK-20350-50RB#0



Band4-10MHz-16QAM-20000-1RB#0



Band4-10MHz-16QAM-20000-1RB#49



Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20350-1RB#0



Band4-10MHz-16QAM-20350-1RB#49



Band4-10MHz-16QAM-20350-50RB#0



Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-1RB#74



Band4-15MHz-QPSK-20025-75RB#0



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



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



Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-1RB#0



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



Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20325-1RB#0



Band4-15MHz-16QAM-20325-1RB#74



Band4-15MHz-16QAM-20325-75RB#0



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



Band4-20MHz-QPSK-20050-1RB#99



Band4-20MHz-QPSK-20050-100RB#0



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



Band4-20MHz-QPSK-20300-1RB#99



Band4-20MHz-QPSK-20300-100RB#0



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



Band4-20MHz-16QAM-20050-1RB#99



Band4-20MHz-16QAM-20050-100RB#0



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

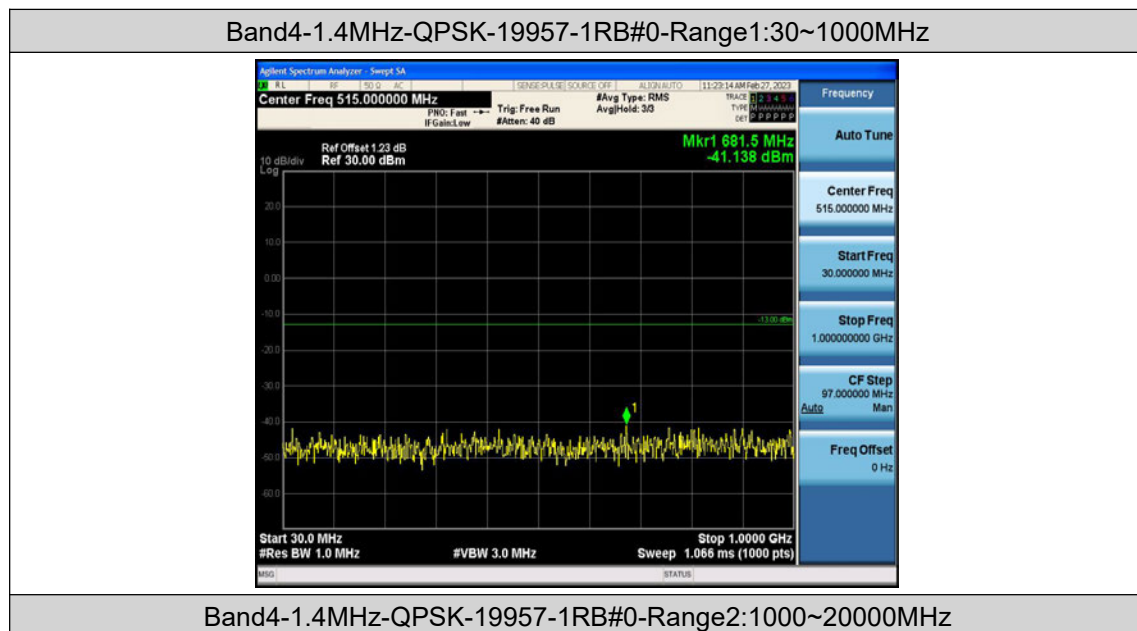
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000M Hz	-41.14	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~2000 0MHz	-37.94	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000M Hz	-41.51	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~2000 0MHz	-39.14	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000M Hz	-41.44	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~2000 0MHz	-38.48	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000M Hz	-41.61	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~2000 0MHz	-37.85	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000M Hz	-41.72	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~2000 0MHz	-38.48	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000M Hz	-41.74	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~2000 0MHz	-38.12	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000M Hz	-41.27	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~2000 0MHz	-38.81	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000M Hz	-41.56	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~2000 0MHz	-38.72	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000M Hz	-41.66	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~2000	-39.04	PASS

					0MHz		
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000M Hz	-42.05	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~2000 0MHz	-37.87	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000M Hz	-41	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~2000 0MHz	-38.8	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000M Hz	-40.5	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~2000 0MHz	-38.89	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000M Hz	-41.72	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~2000 0MHz	-38.12	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000M Hz	-41.1	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~2000 0MHz	-38.89	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000M Hz	-41.09	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~2000 0MHz	-38.78	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000M Hz	-40.96	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~2000 0MHz	-38.4	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000M Hz	-41.66	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~2000 0MHz	-37	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000M Hz	-39.74	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~2000 0MHz	-38.04	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000M Hz	-41.24	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~2000 0MHz	-38.69	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000M Hz	-40.46	PASS

Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~2000 0MHz	-38.79	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000M Hz	-41.35	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~2000 0MHz	-38.7	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000M Hz	-41.56	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~2000 0MHz	-38.69	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000M Hz	-40.57	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~2000 0MHz	-38.88	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000M Hz	-41.11	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~2000 0MHz	-38.67	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000M Hz	-41.88	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~2000 0MHz	-38.71	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000M Hz	-41.62	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~2000 0MHz	-38.74	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000M Hz	-41.36	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~2000 0MHz	-37.69	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000M Hz	-40.49	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~2000 0MHz	-38.27	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000M Hz	-40.81	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~2000 0MHz	-38.21	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000M Hz	-41.24	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~2000 0MHz	-38.03	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000M	-41.45	PASS

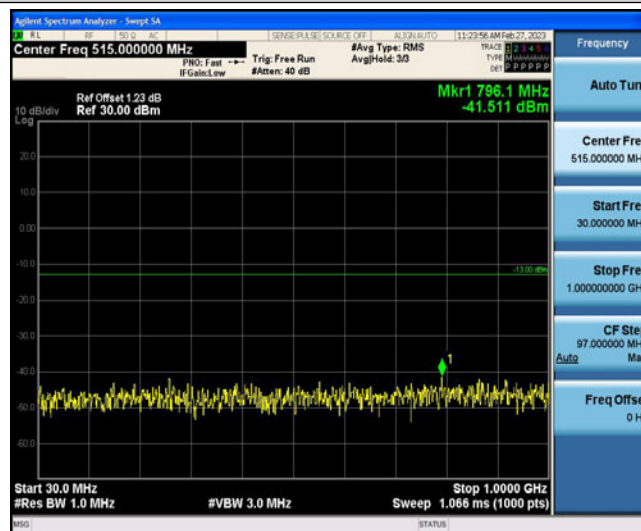
					Hz		
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~2000 0MHz	-38.29	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000M Hz	-41.77	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~2000 0MHz	-36.76	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000M Hz	-41.24	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~2000 0MHz	-38.46	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000M Hz	-40.55	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~2000 0MHz	-38.44	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000M Hz	-40.09	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~2000 0MHz	-39.22	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000M Hz	-40.85	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~2000 0MHz	-39.21	PASS

Test Graphs





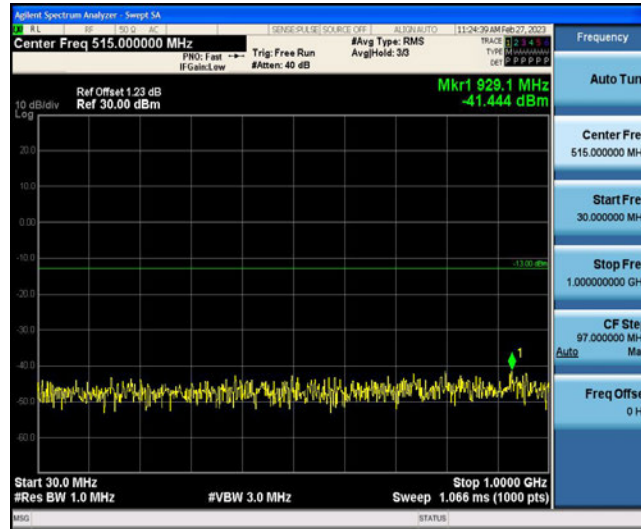
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Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



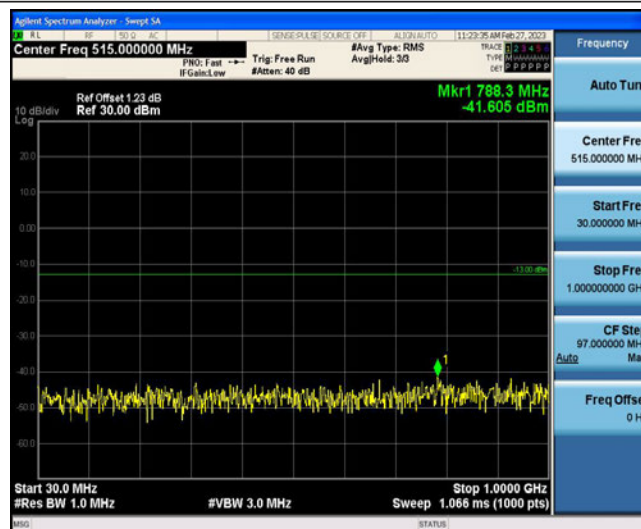
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Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~20000MHz



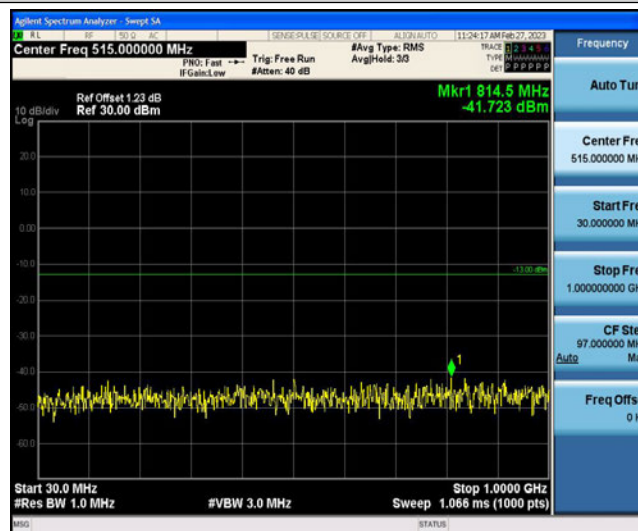
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Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~20000MHz



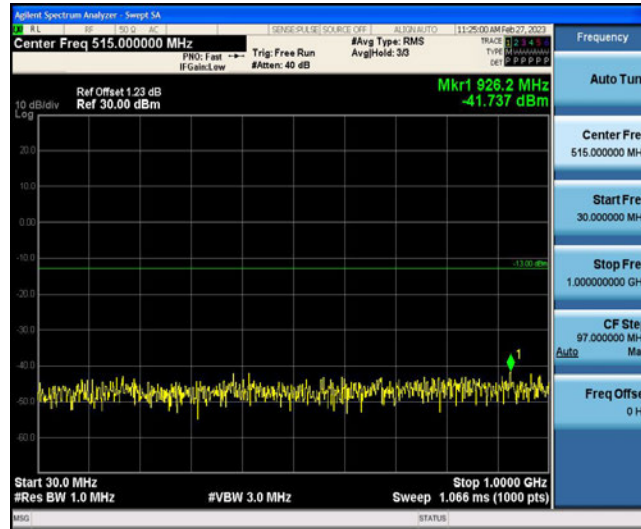
Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



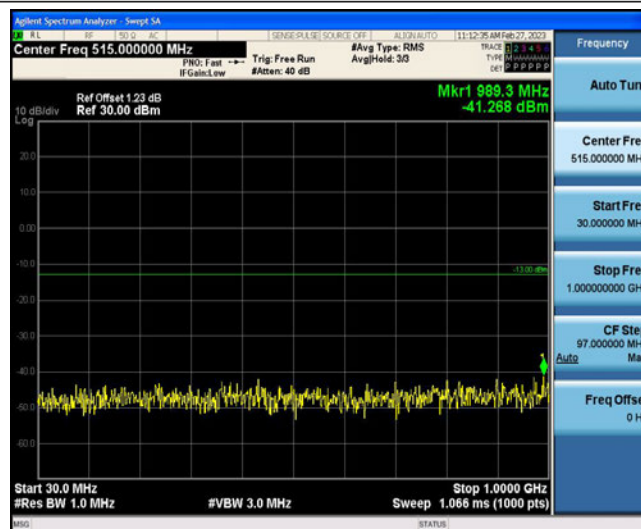
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Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~20000MHz



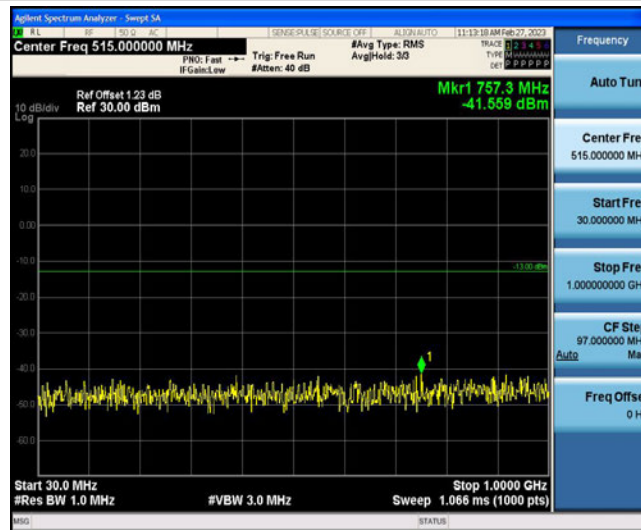
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Band4-3MHz-QPSK-19965-1RB#0-Range2:1000~20000MHz



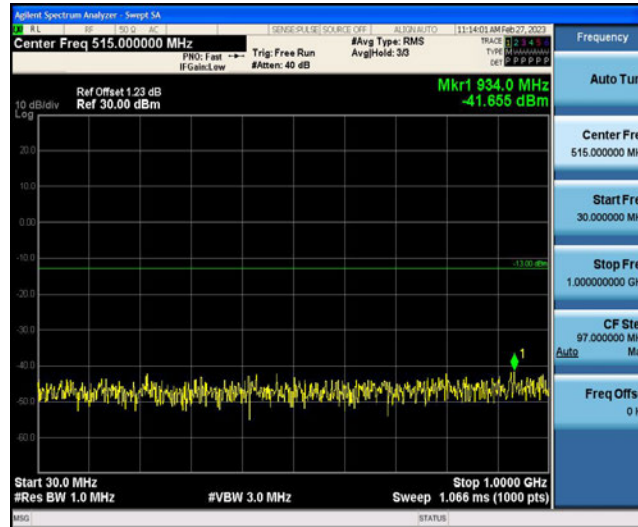
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Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



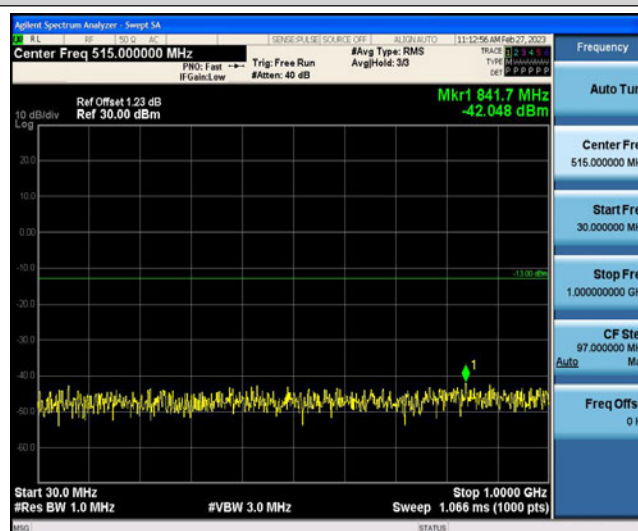
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Band4-3MHz-QPSK-20385-1RB#0-Range2:1000~20000MHz



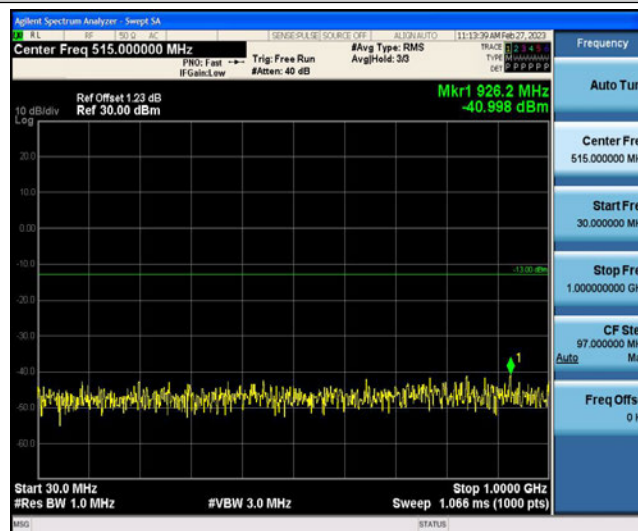
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Band4-3MHz-16QAM-19965-1RB#0-Range2:1000~20000MHz



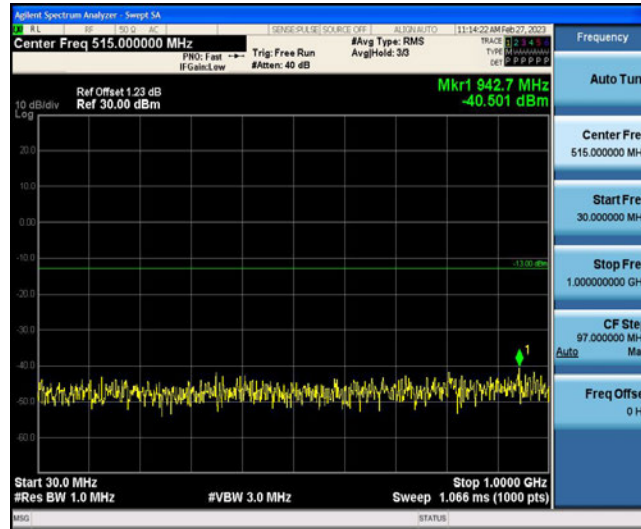
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Band4-3MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



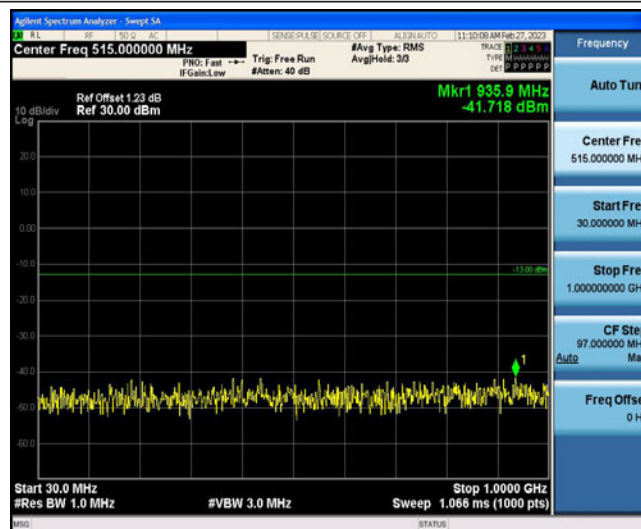
Band4-3MHz-16QAM-20385-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range2:1000~20000MHz



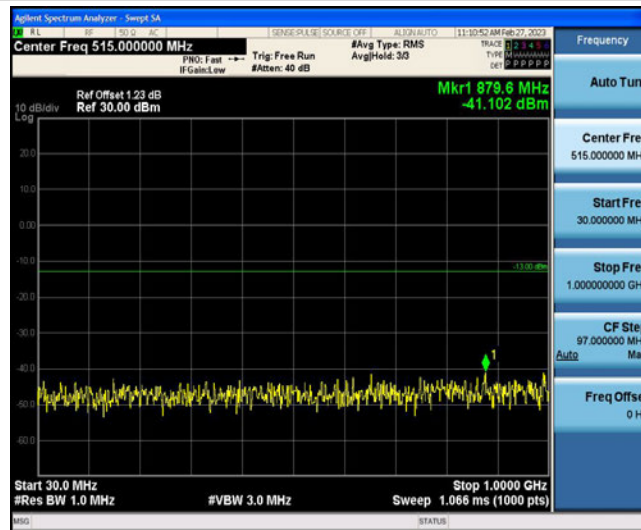
Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~20000MHz



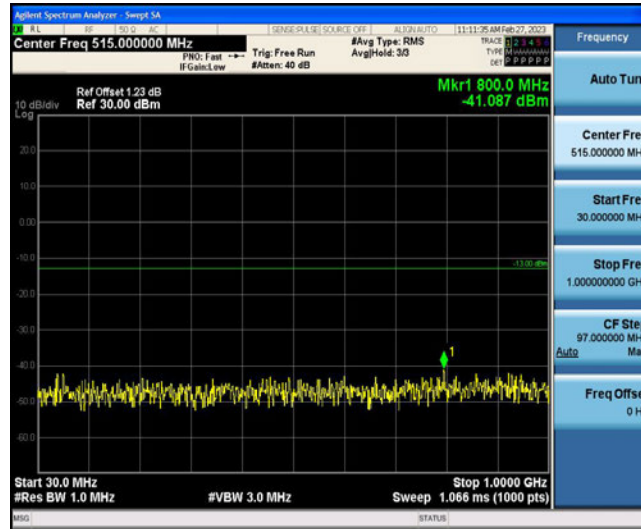
Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



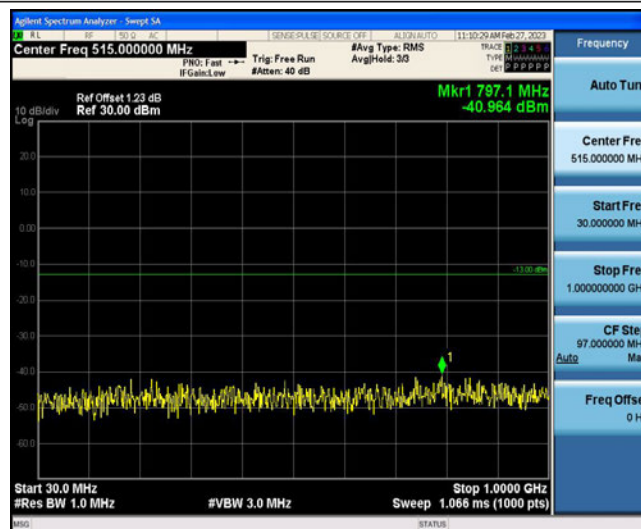
Band4-5MHz-QPSK-20375-1RB#0-Range1:30~1000MHz



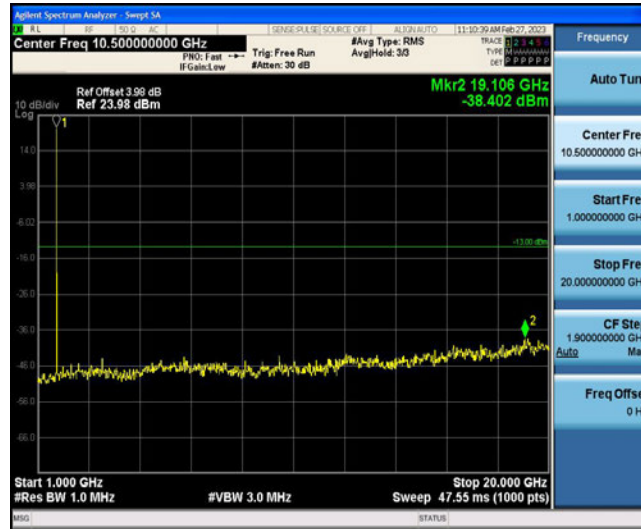
Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~20000MHz



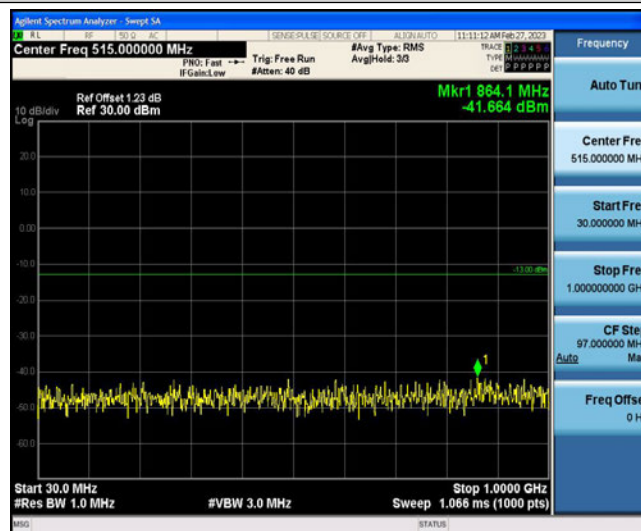
Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~20000MHz



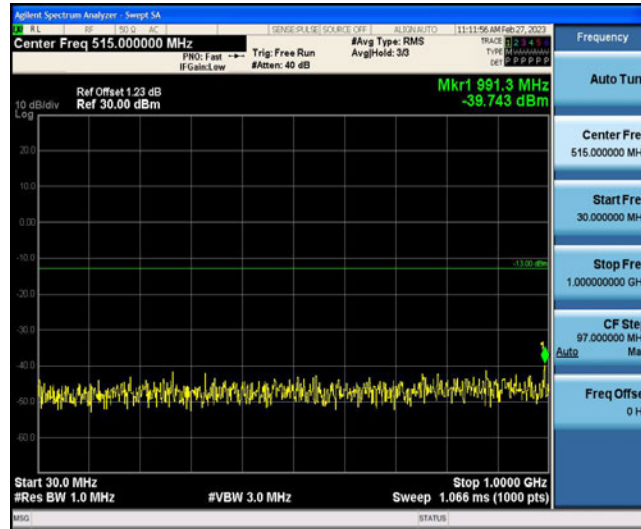
Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



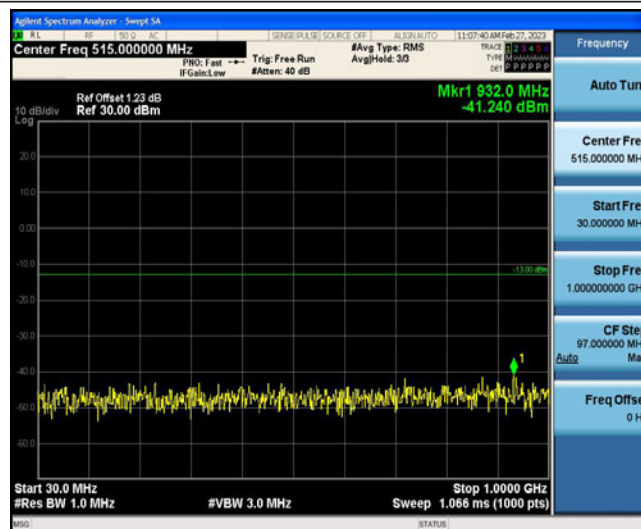
Band4-5MHz-16QAM-20375-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~20000MHz



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



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