



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



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



Band4-20MHz-QPSK-20175-100RB#0



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



BUREAU VERITAS

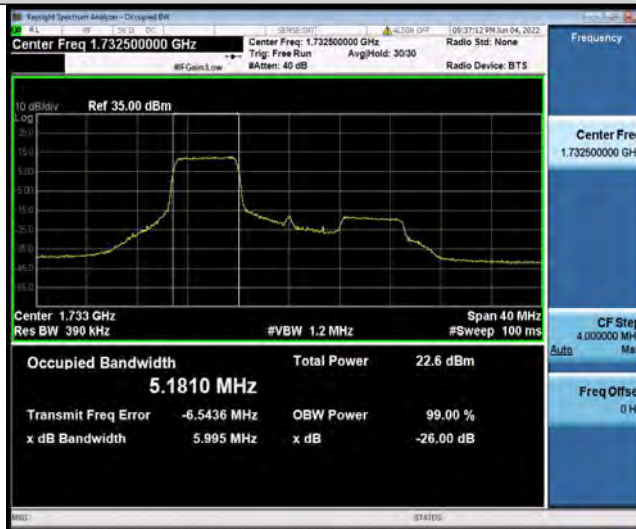
Test Report No.: PSU-NQN2204290110-1RF03



Band4-20MHz-16QAM-20050-27RB#0



Band4-20MHz-16QAM-20175-27RB#0



Band4-20MHz-16QAM-20300-27RB#0



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Test Report No.: PSU-NQN2204290110-1RF03





Test Report No.: PSU-NQN2204290110-1RF03

BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-20.74	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-21.62	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-21.11	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-21.73	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-20.22	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-20.81	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-20.30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-21.28	PASS
Band4	3MHz	QPSK	19965	1RB#0	-19.92	PASS
Band4	3MHz	QPSK	19965	15RB#0	-20.83	PASS
Band4	3MHz	QPSK	20385	1RB#14	-19.74	PASS
Band4	3MHz	QPSK	20385	15RB#0	-20.95	PASS
Band4	3MHz	16QAM	19965	1RB#0	-19.34	PASS
Band4	3MHz	16QAM	19965	15RB#0	-21.34	PASS
Band4	3MHz	16QAM	20385	1RB#14	-18.98	PASS
Band4	3MHz	16QAM	20385	15RB#0	-21.82	PASS
Band4	5MHz	QPSK	19975	1RB#0	-24.50	PASS
Band4	5MHz	QPSK	19975	25RB#0	-24.29	PASS
Band4	5MHz	QPSK	20375	1RB#24	-24.03	PASS
Band4	5MHz	QPSK	20375	25RB#0	-25.55	PASS
Band4	5MHz	16QAM	19975	1RB#0	-23.41	PASS
Band4	5MHz	16QAM	19975	25RB#0	-23.99	PASS
Band4	5MHz	16QAM	20375	1RB#24	-23.75	PASS
Band4	5MHz	16QAM	20375	25RB#0	-25.57	PASS
Band4	10MHz	QPSK	20000	1RB#0	-58.56	PASS
Band4	10MHz	QPSK	20000	50RB#0	-30.56	PASS
Band4	10MHz	QPSK	20350	1RB#49	-42.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	-32.93	PASS
Band4	10MHz	16QAM	20000	1RB#0	-43.34	PASS
Band4	10MHz	16QAM	20000	27RB#0	-26.62	PASS
Band4	10MHz	16QAM	20350	1RB#49	-42.37	PASS
Band4	10MHz	16QAM	20350	27RB#23	-39.28	PASS
Band4	15MHz	QPSK	20025	1RB#0	-29.21	PASS
Band4	15MHz	QPSK	20025	75RB#0	-24.95	PASS
Band4	15MHz	QPSK	20325	1RB#74	-29.64	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.80	PASS
Band4	15MHz	16QAM	20025	1RB#0	-30.59	PASS
Band4	15MHz	16QAM	20025	27RB#0	-21.14	PASS
Band4	15MHz	16QAM	20325	1RB#74	-29.52	PASS
Band4	15MHz	16QAM	20325	27RB#48	-22.24	PASS
Band4	20MHz	QPSK	20050	1RB#0	-30.05	PASS
Band4	20MHz	QPSK	20050	100RB#0	-26.27	PASS
Band4	20MHz	QPSK	20300	1RB#99	-30.86	PASS
Band4	20MHz	QPSK	20300	100RB#0	-27.85	PASS
Band4	20MHz	16QAM	20050	1RB#0	-31.72	PASS



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Test Report No.: PSU-NQN2204290110-1RF03

Band4	20MHz	16QAM	20050	27RB#0	-21.66	PASS
Band4	20MHz	16QAM	20300	1RB#99	-30.81	PASS
Band4	20MHz	16QAM	20300	27RB#73	-21.37	PASS

Test Graphs

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



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



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





Test Report No.: PSU-NQN2204290110-1RF03

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



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



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



Band4-1.4MHz-16QAM-20393-1RB#5



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Test Report No.: PSU-NQN2204290110-1RF03



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



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



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



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Test Report No.: PSU-NQN2204290110-1RF03



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



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



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



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band4-3MHz-16QAM-19965-15RB#0



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



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



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Test Report No.: PSU-NQN2204290110-1RF03



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



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



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



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



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



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



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



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



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



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



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



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Test Report No.: PSU-NQN2204290110-1RF03



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



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



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



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



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



Band4-10MHz-16QAM-20000-27RB#0



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



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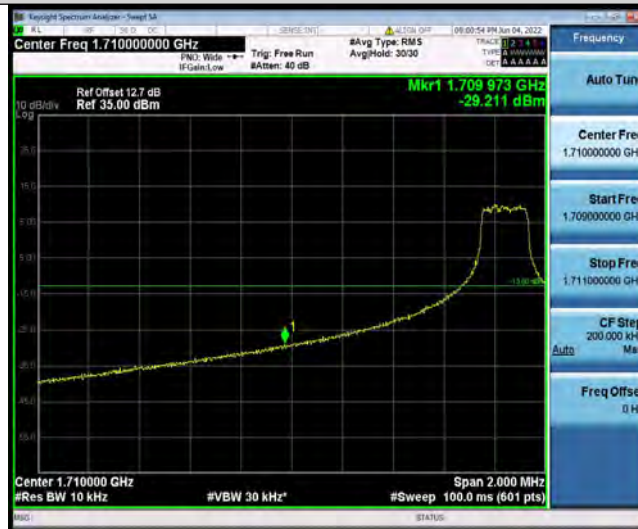
Test Report No.: PSU-NQN2204290110-1RF03



Band4-10MHz-16QAM-20350-27RB#23



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



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



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Test Report No.: PSU-NQN2204290110-1RF03



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



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



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



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Test Report No.: PSU-NQN2204290110-1RF03



Band4-15MHz-16QAM-20025-27RB#0



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



Band4-15MHz-16QAM-20325-27RB#48



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



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



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



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



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



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



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



Band4-20MHz-16QAM-20050-27RB#0



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Test Report No.: PSU-NQN2204290110-1RF03



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



Band4-20MHz-16QAM-20300-27RB#73





Test Report No.: PSU-NQN2204290110-1RF03

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	-31.09	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-34.08	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-31	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.99	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-31.47	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-34.43	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-31.42	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-34.56	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.93	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-33.78	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-30.54	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-34.51	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-31.02	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~20000MHz	-33.86	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-30.86	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.07	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-31.35	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~20000MHz	-33.69	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-31.86	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~20000MHz	-34.01	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.35	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.6	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-31.09	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~20000MHz	-34.05	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-31.49	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~20000MHz	-34.26	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-30.84	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.37	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-30.83	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~20000MHz	-34.43	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-31.64	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~20000MHz	-34.5	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.67	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.76	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-30.36	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~20000MHz	-33.75	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-31.43	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~20000MHz	-34.13	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-30.95	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.22	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-30.46	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~20000MHz	-34.3	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-31.43	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~20000MHz	-34.24	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.49	PASS



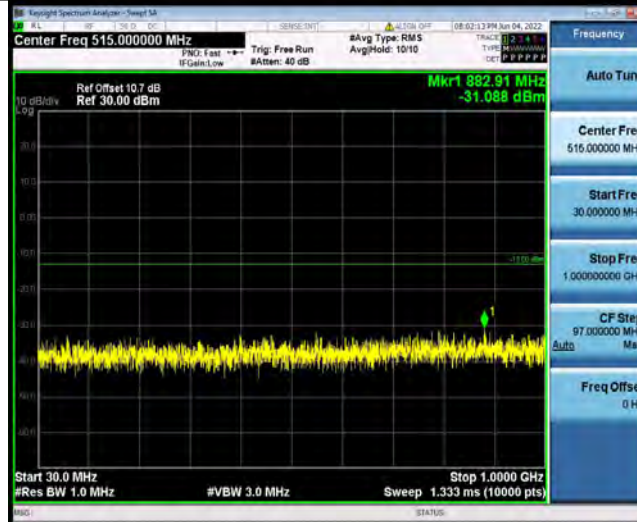
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Test Report No.: PSU-NQN2204290110-1RF03

Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.09	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-30.93	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~20000MHz	-34.21	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-30.96	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~20000MHz	-34.48	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-31.51	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.09	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-31.11	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~20000MHz	-34.39	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-31.57	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~20000MHz	-34.33	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.18	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.31	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-30.73	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~20000MHz	-34.04	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-30.5	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-33.92	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-31.39	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.14	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-31.41	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-34.87	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-31.06	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-34.45	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.52	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.18	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-31.44	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-34.52	PASS

Test Graphs

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



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



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



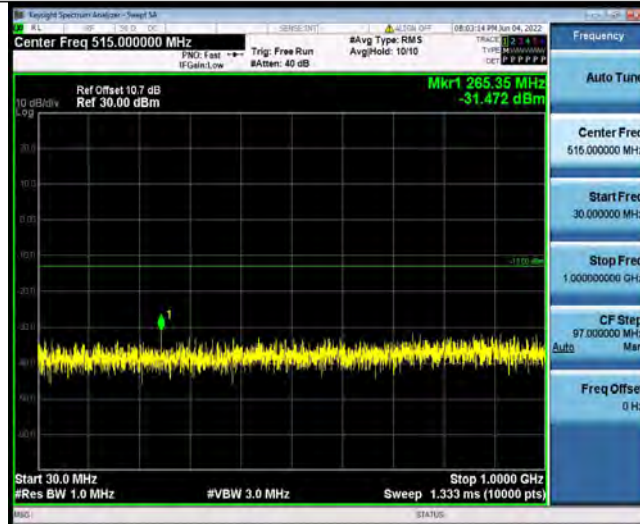


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Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



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



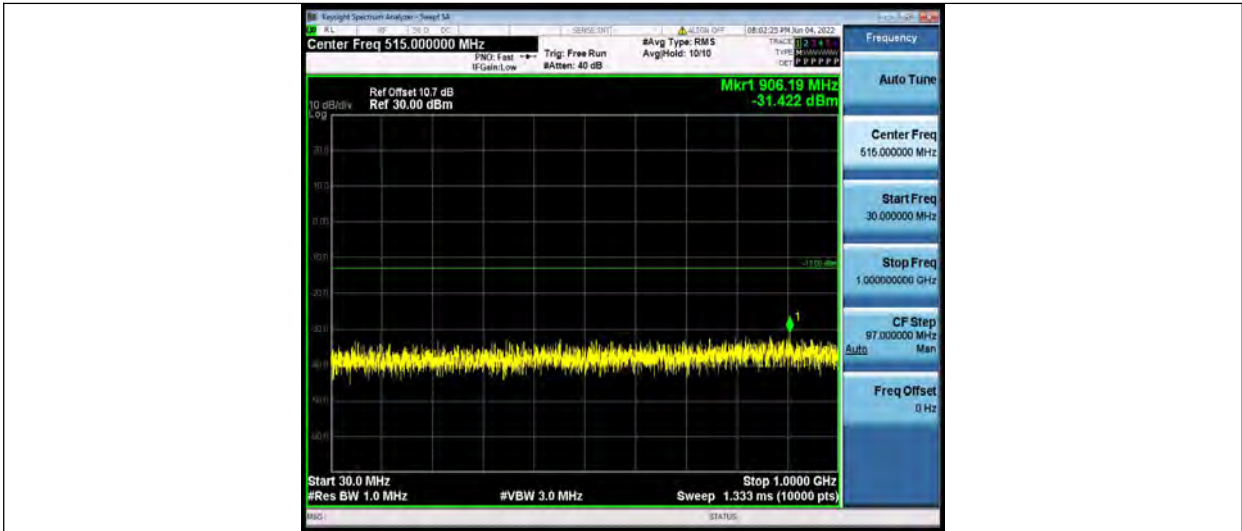
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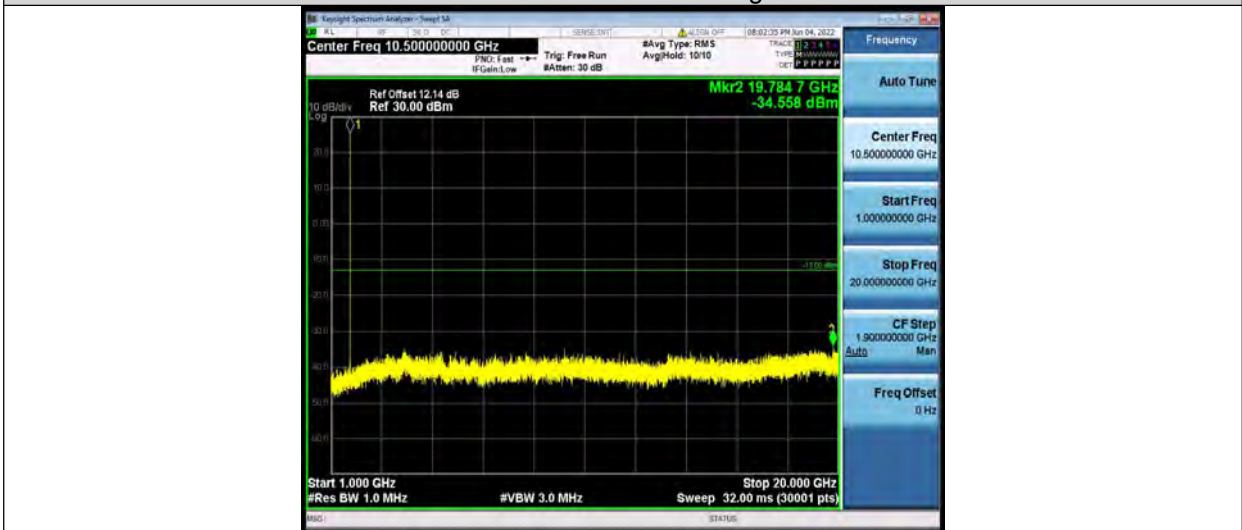
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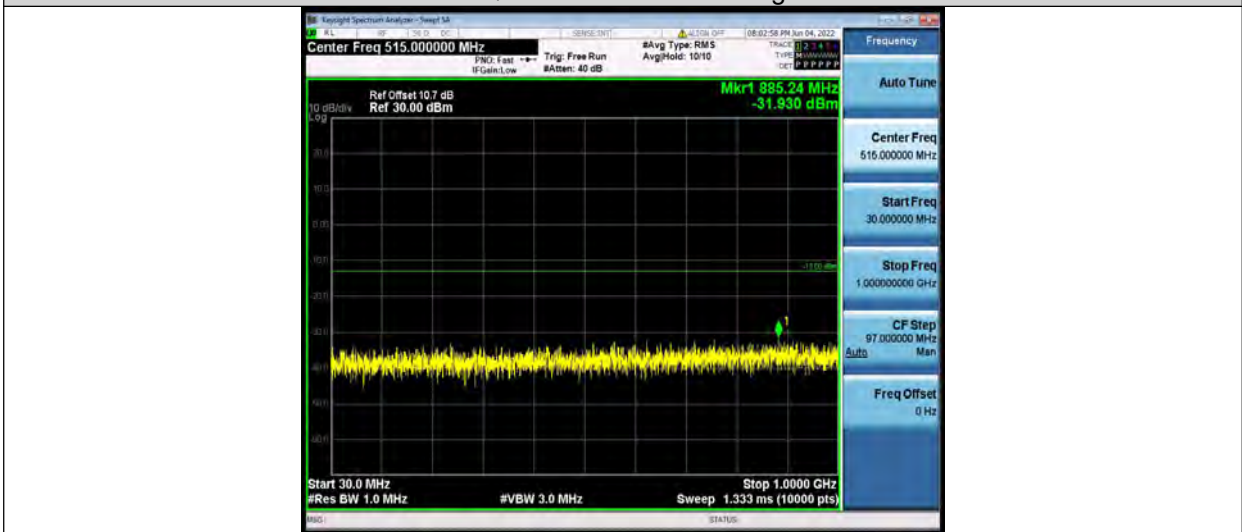
Test Report No.: PSU-NQN2204290110-1RF03



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

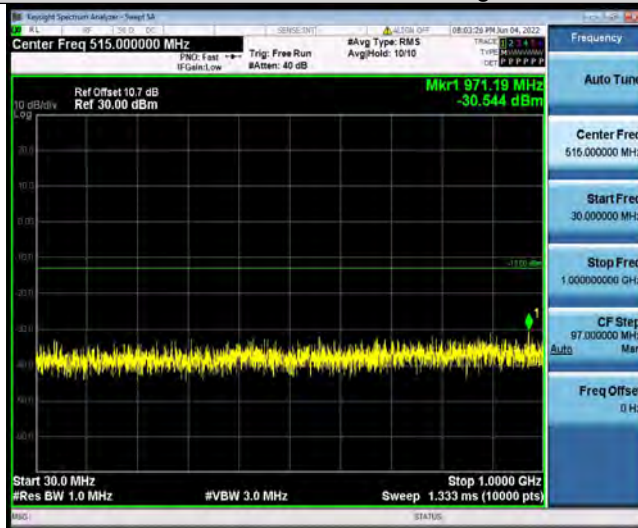


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Test Report No.: PSU-NQN2204290110-1RF03



Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz



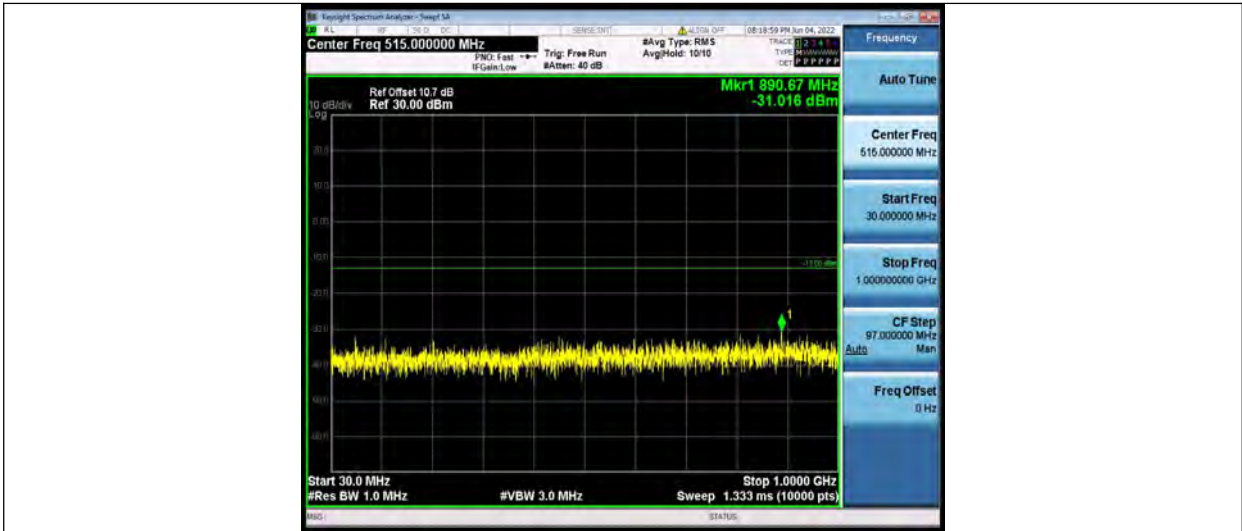
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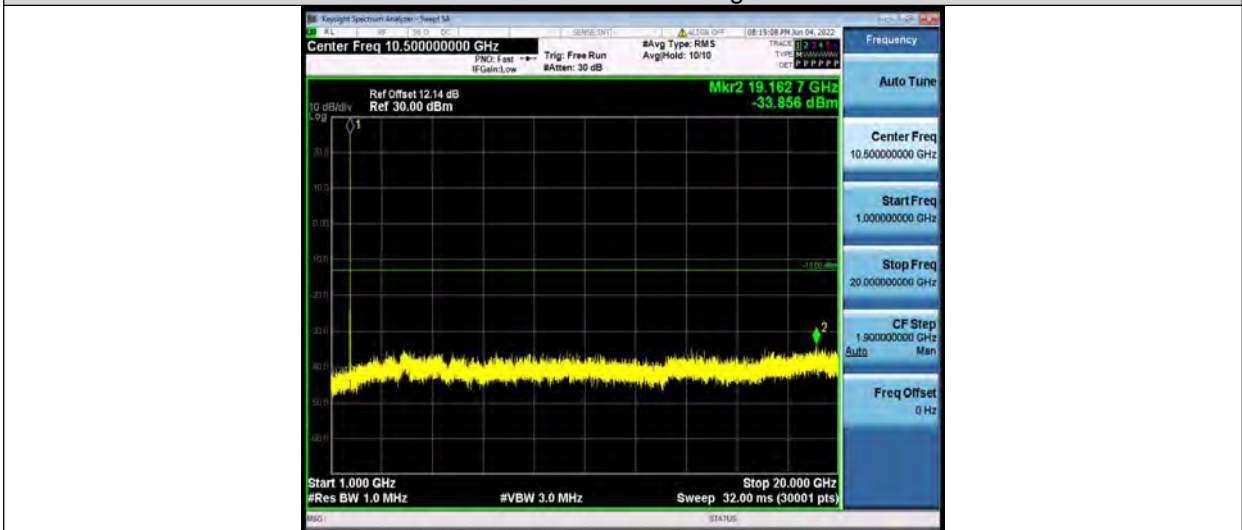
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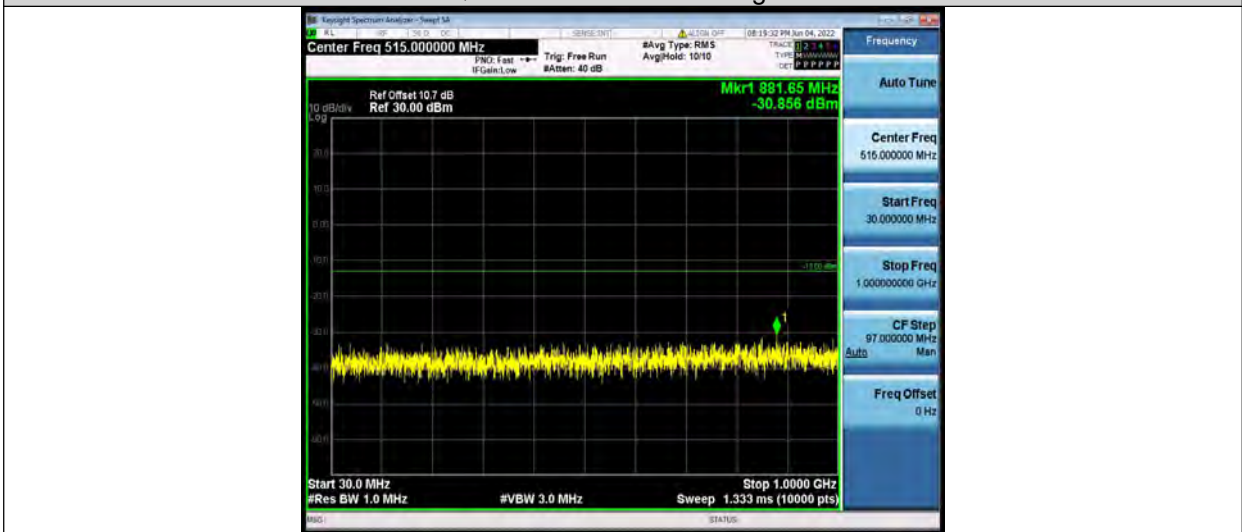
Test Report No.: PSU-NQN2204290110-1RF03



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



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



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

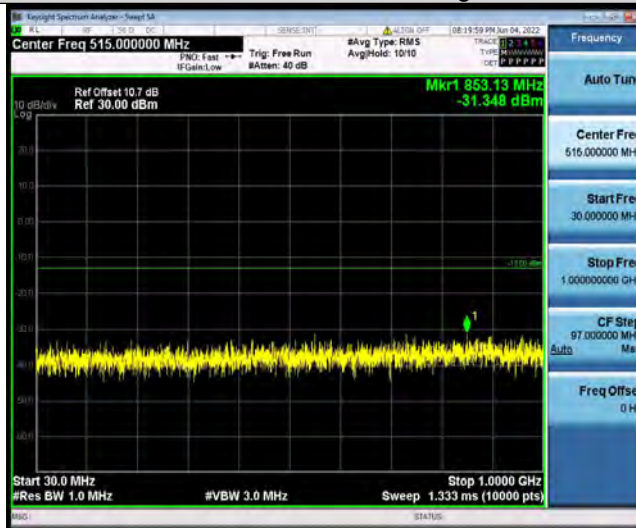


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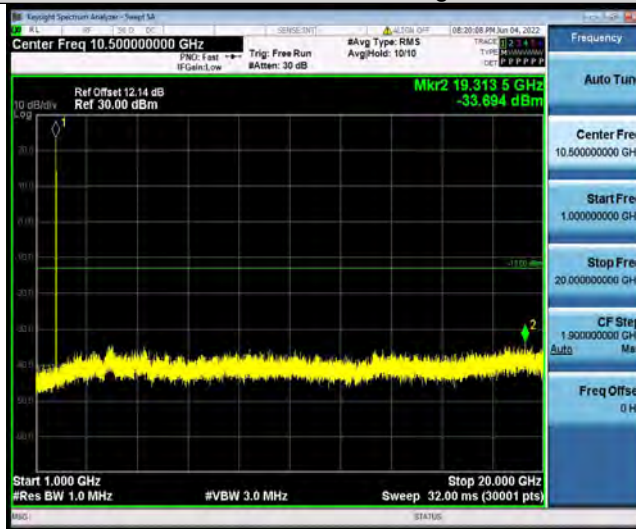
Test Report No.: PSU-NQN2204290110-1RF03



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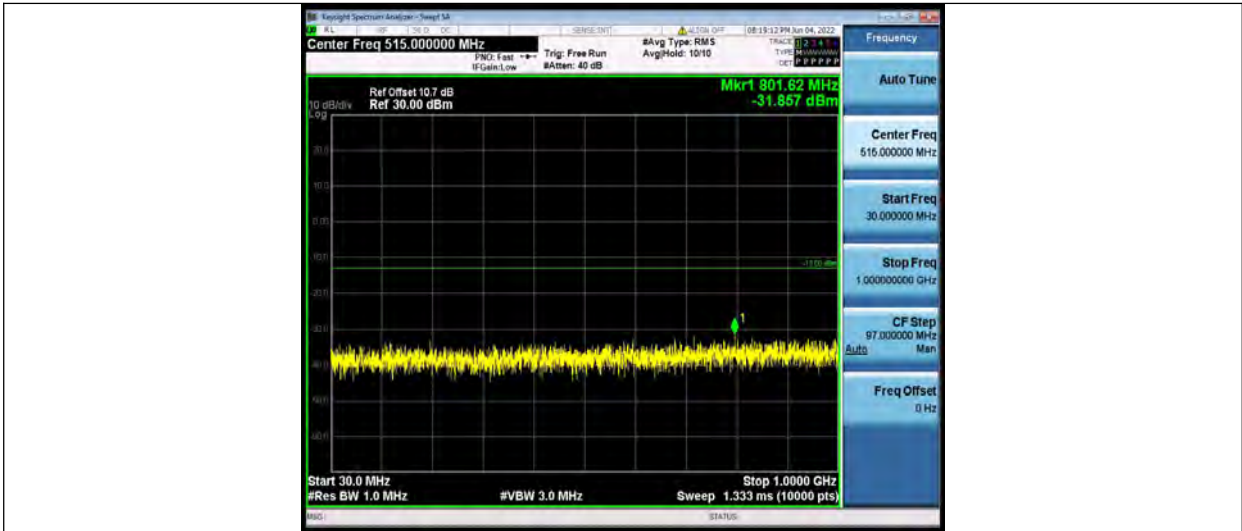
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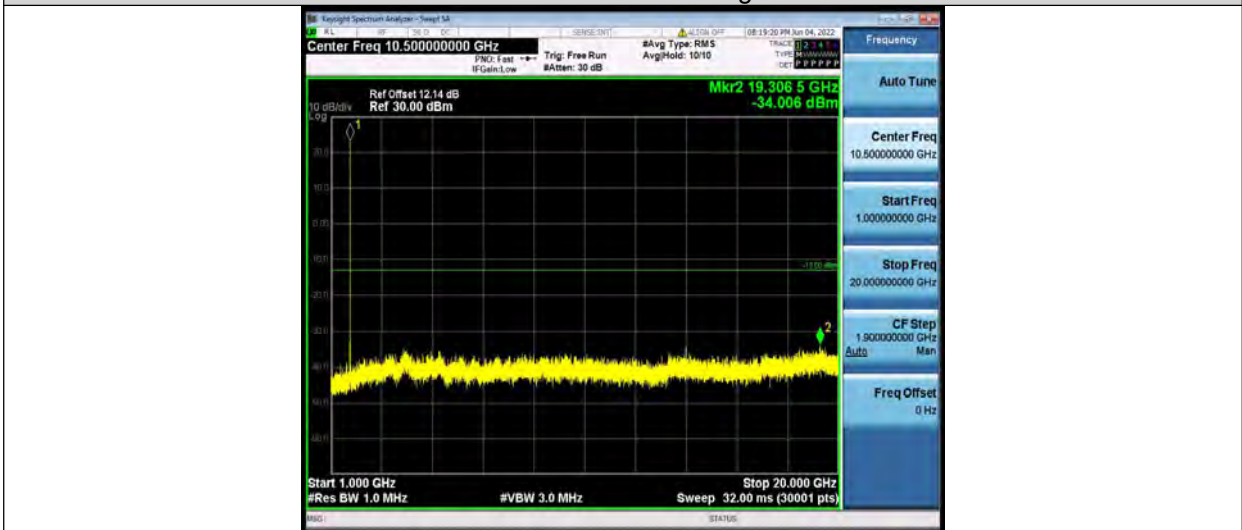
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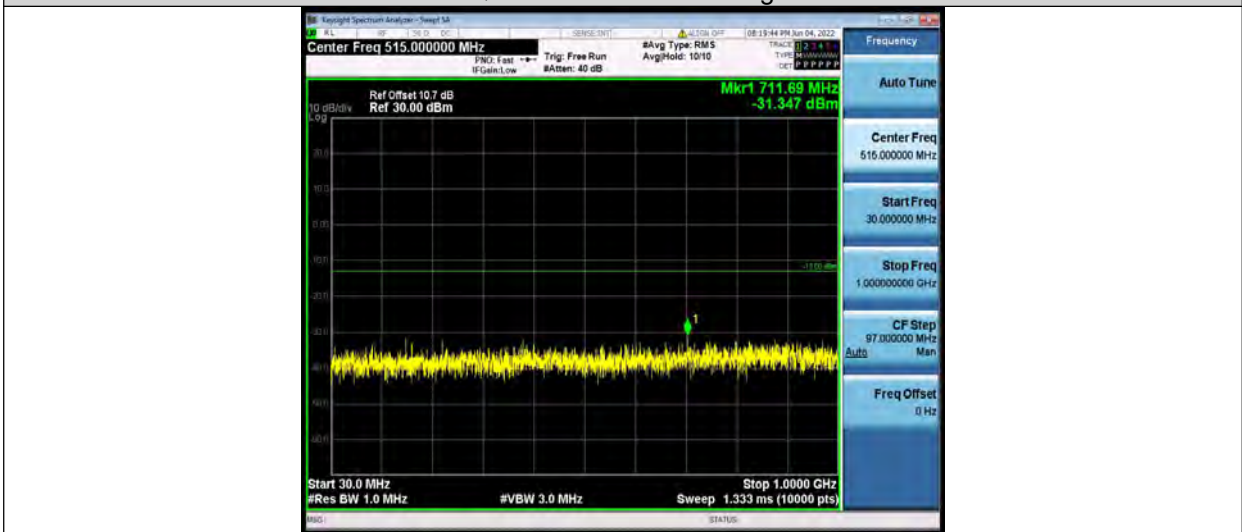
Test Report No.: PSU-NQN2204290110-1RF03



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



Band4-3MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



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

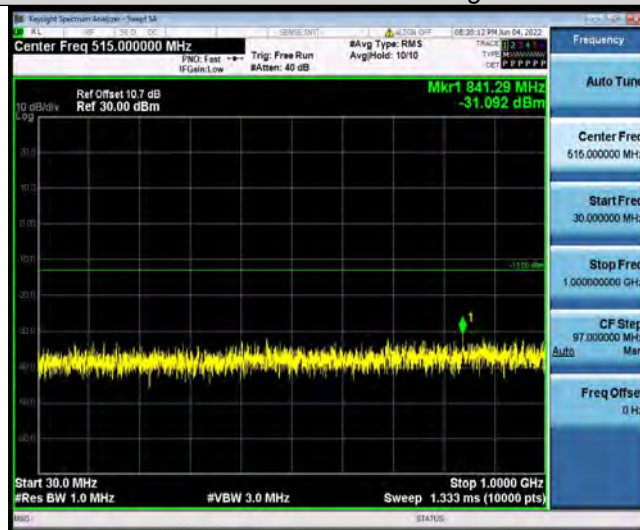


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Test Report No.: PSU-NQN2204290110-1RF03



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



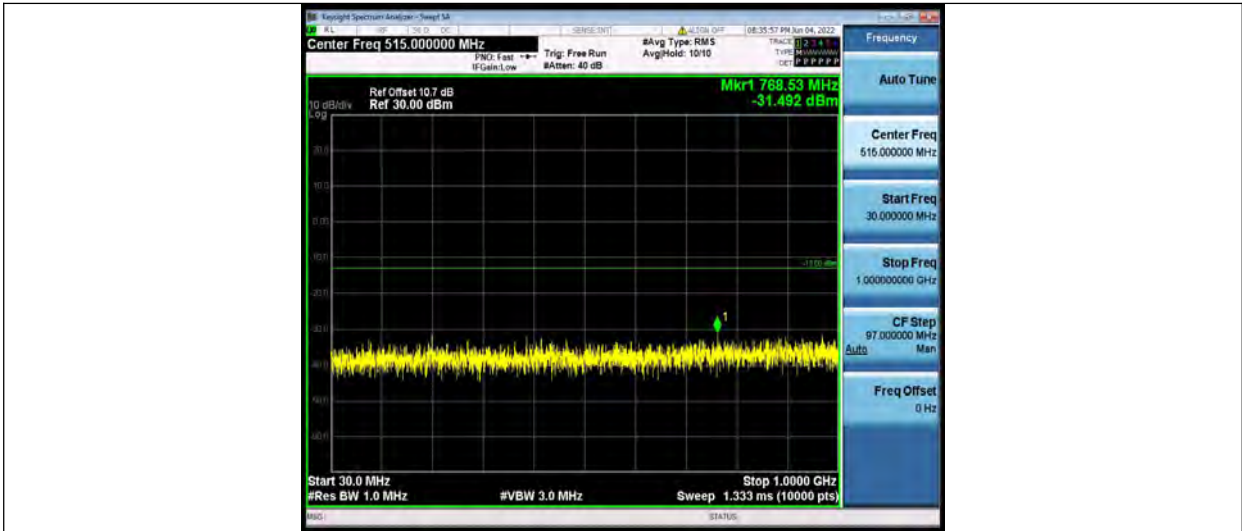
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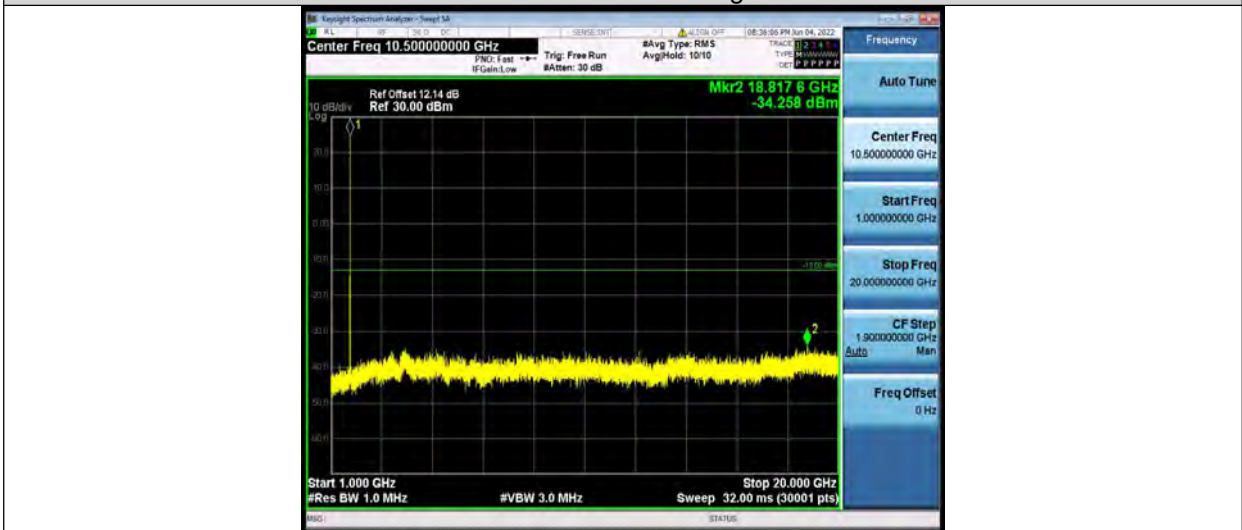
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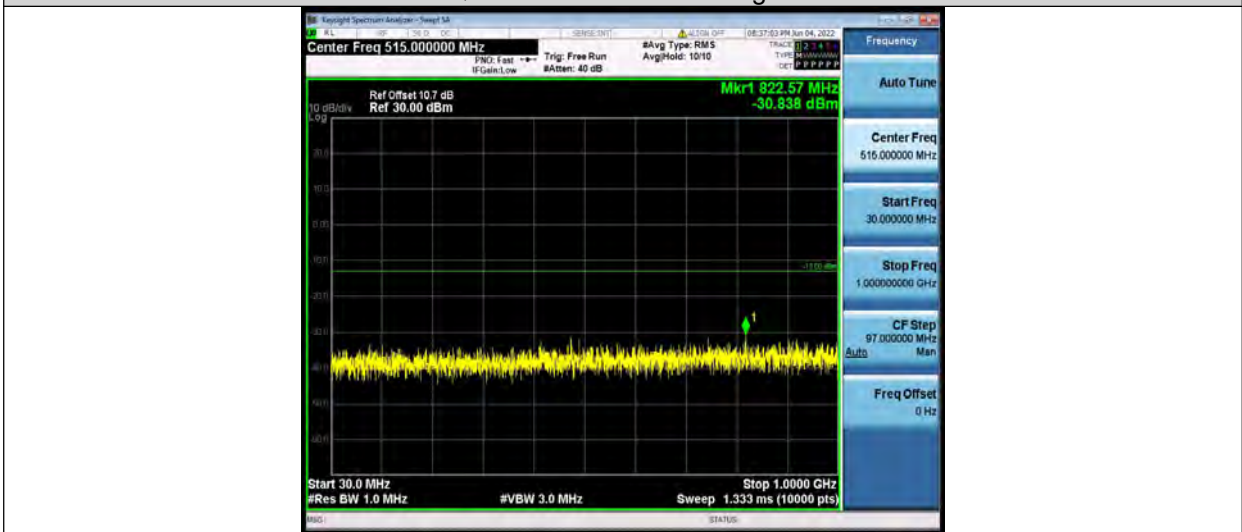
Test Report No.: PSU-NQN2204290110-1RF03



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

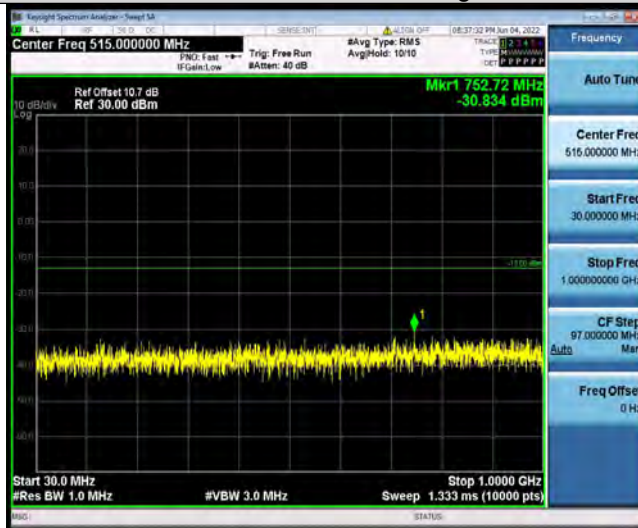


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Test Report No.: PSU-NQN2204290110-1RF03



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



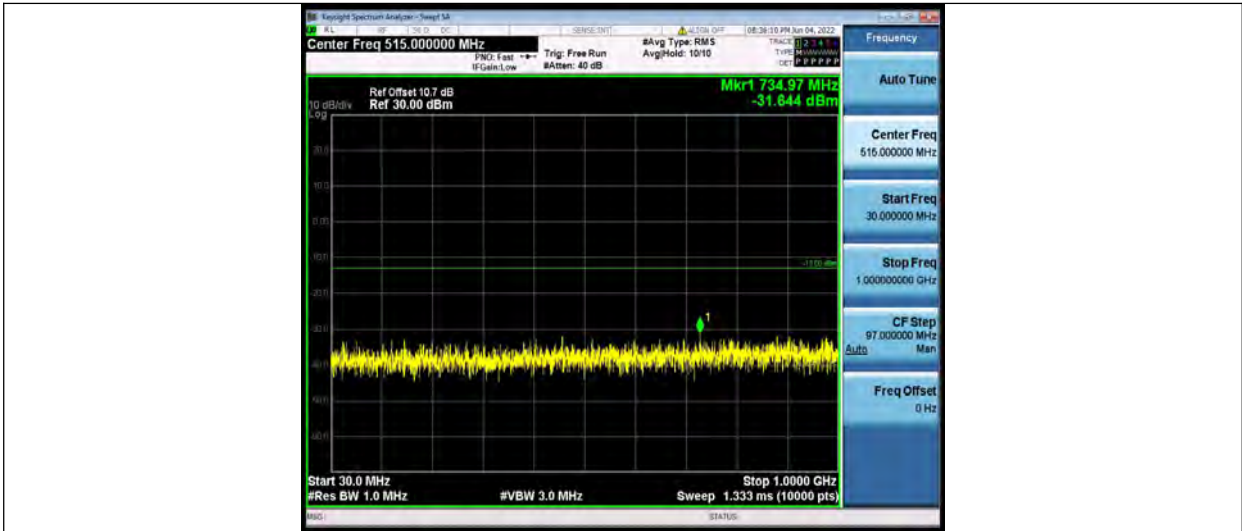
Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~2000MHz



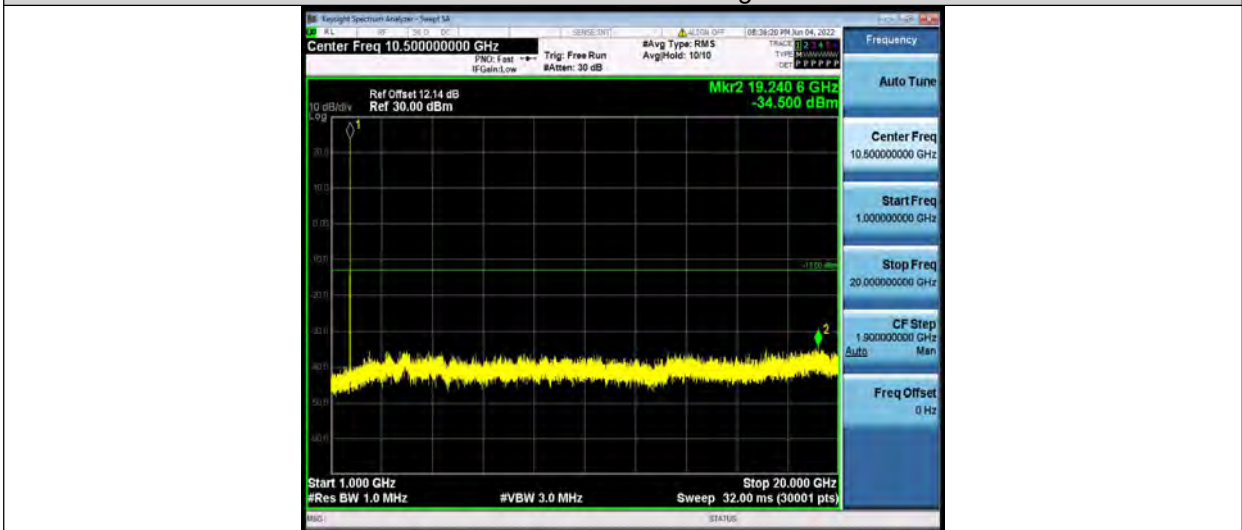
Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



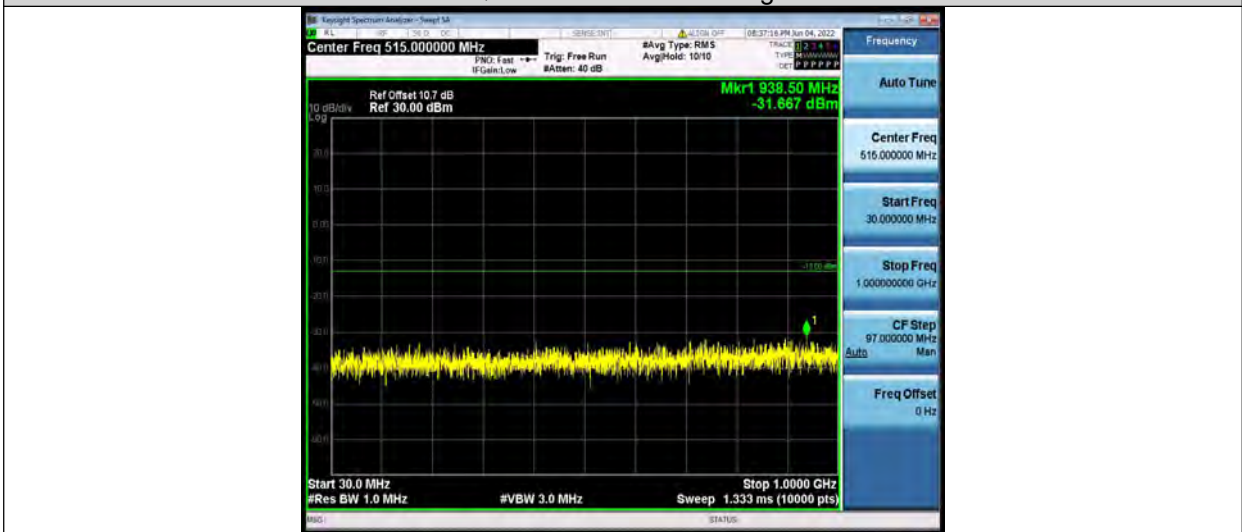
Test Report No.: PSU-NQN2204290110-1RF03



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

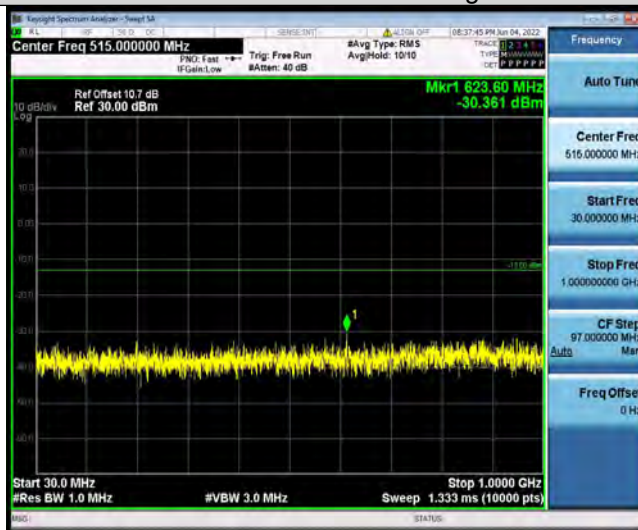


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Test Report No.: PSU-NQN2204290110-1RF03



Band4-5MHz-16QAM-20375-1RB#0-Range1:30~100MHz



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



Band4-10MHz-QPSK-20000-1RB#0-Range1:30~100MHz



BUREAU VERITAS

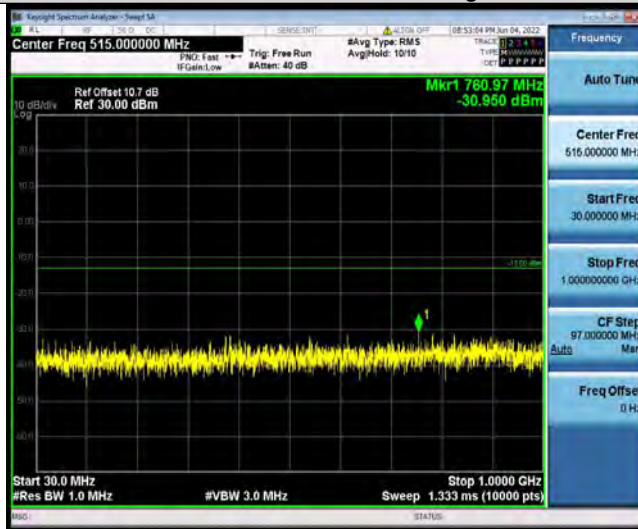
Test Report No.: PSU-NQN2204290110-1RF03



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



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



Band4-10MHz-QPSK-20175-1RB#0-Range2: 1000~20000MHz

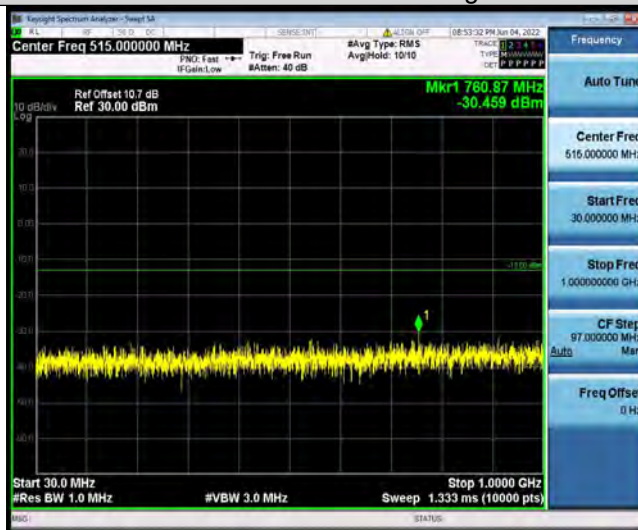


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Test Report No.: PSU-NQN2204290110-1RF03



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



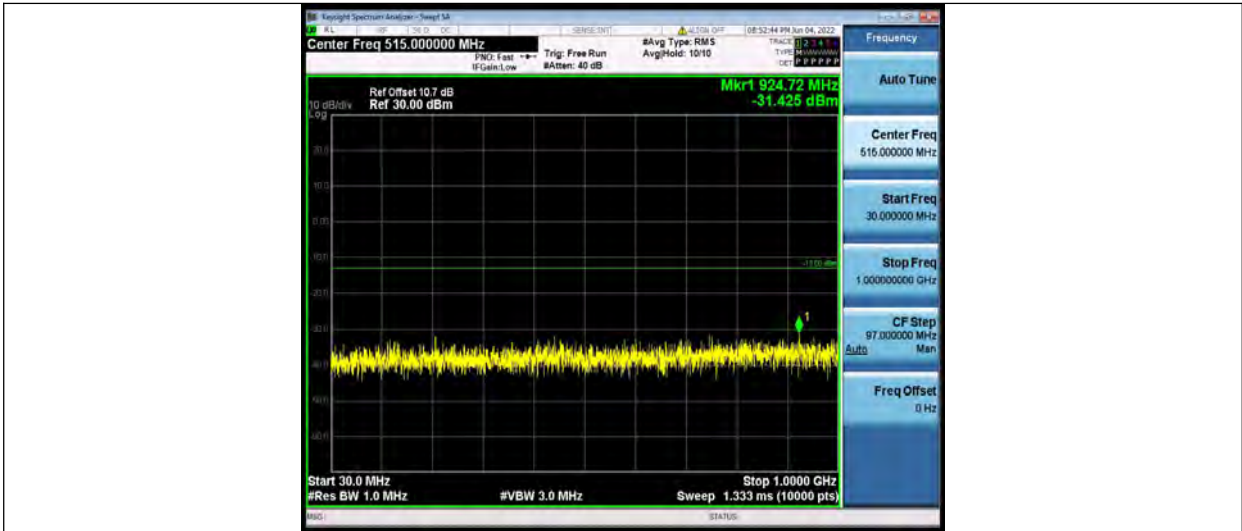
Band4-10MHz-QPSK-20350-1RB#0-Range2:1000~20000MHz



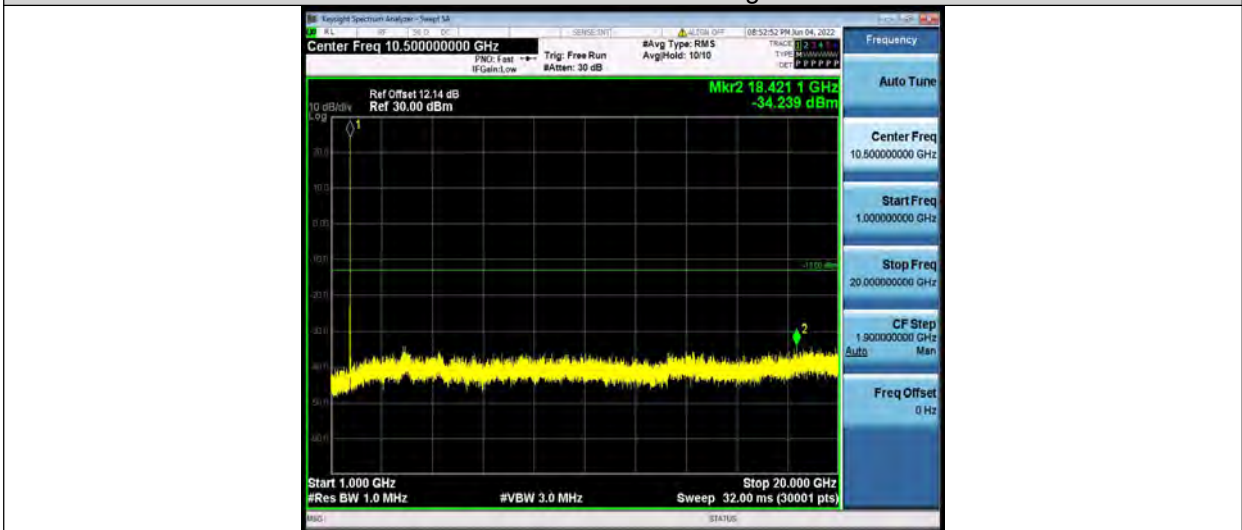
Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz



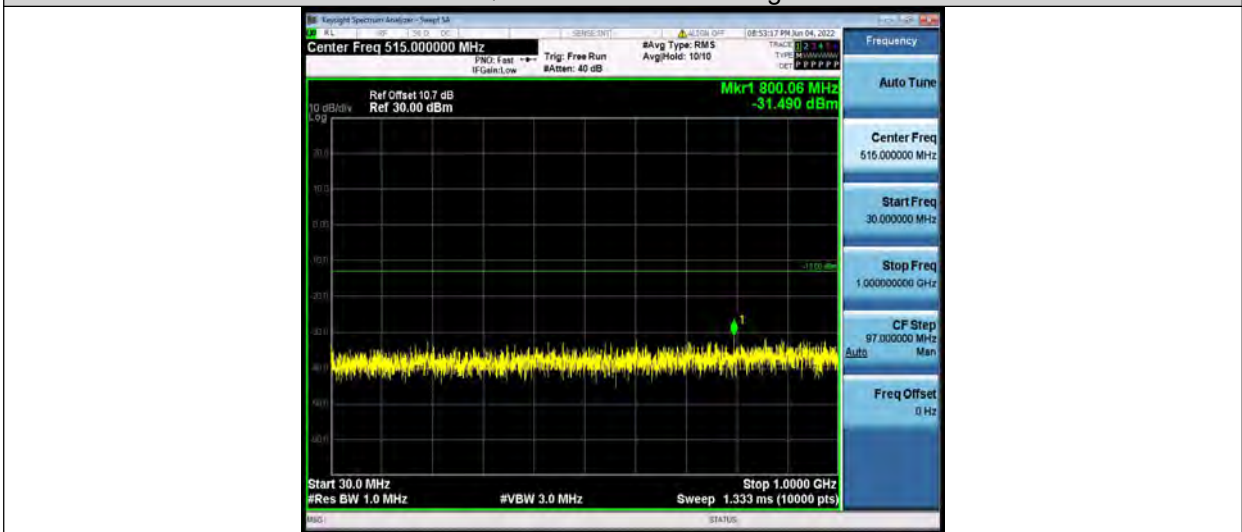
Test Report No.: PSU-NQN2204290110-1RF03



Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~20000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz

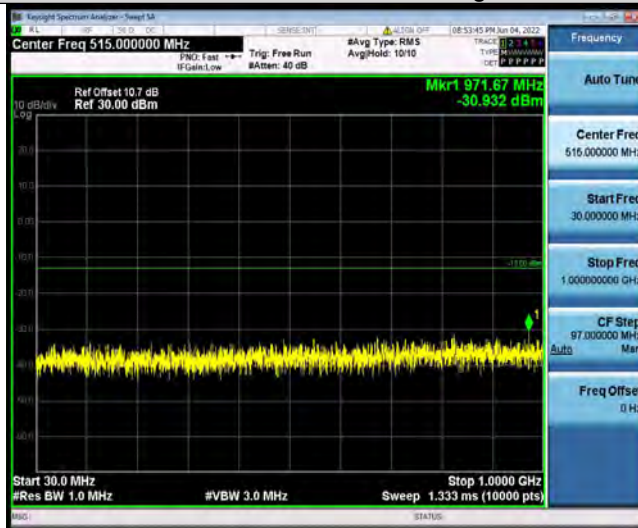


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Test Report No.: PSU-NQN2204290110-1RF03



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



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



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



BUREAU VERITAS

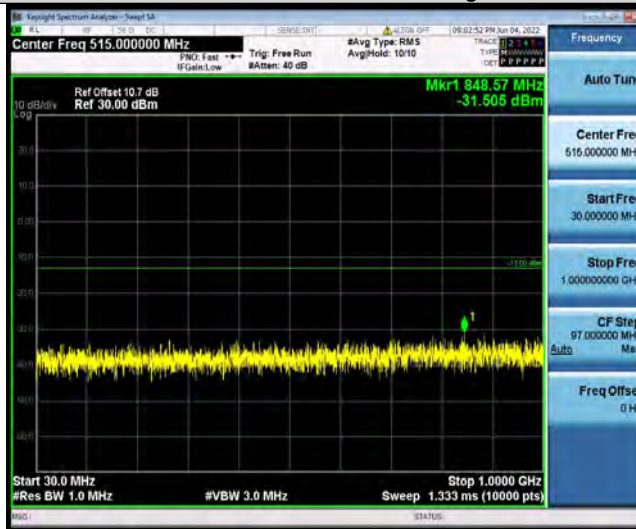
Test Report No.: PSU-NQN2204290110-1RF03



Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~20000MHz



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



Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

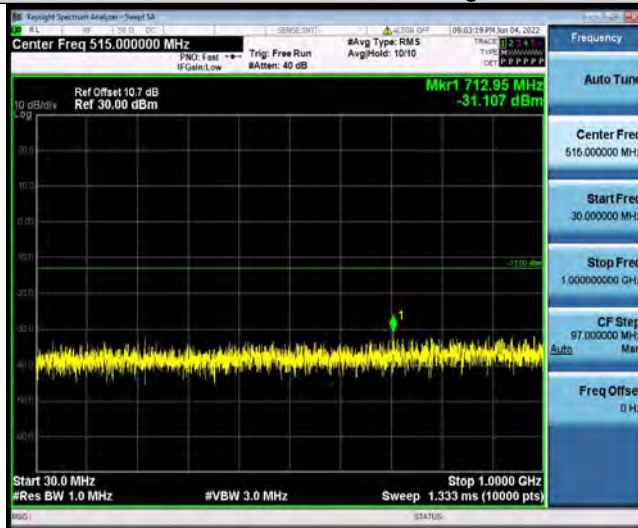


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Test Report No.: PSU-NQN2204290110-1RF03



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



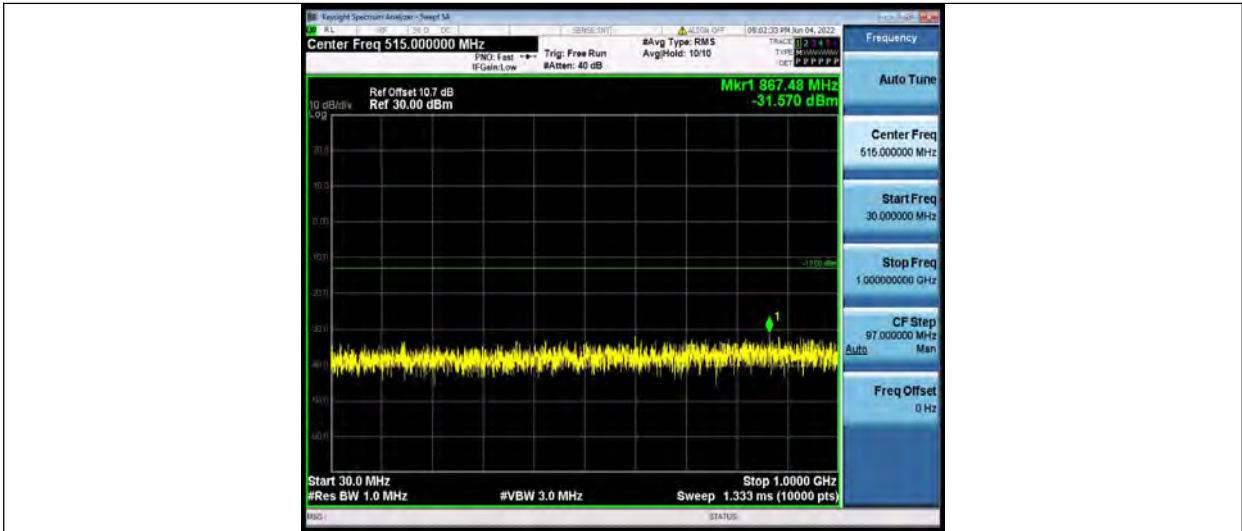
Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~20000MHz



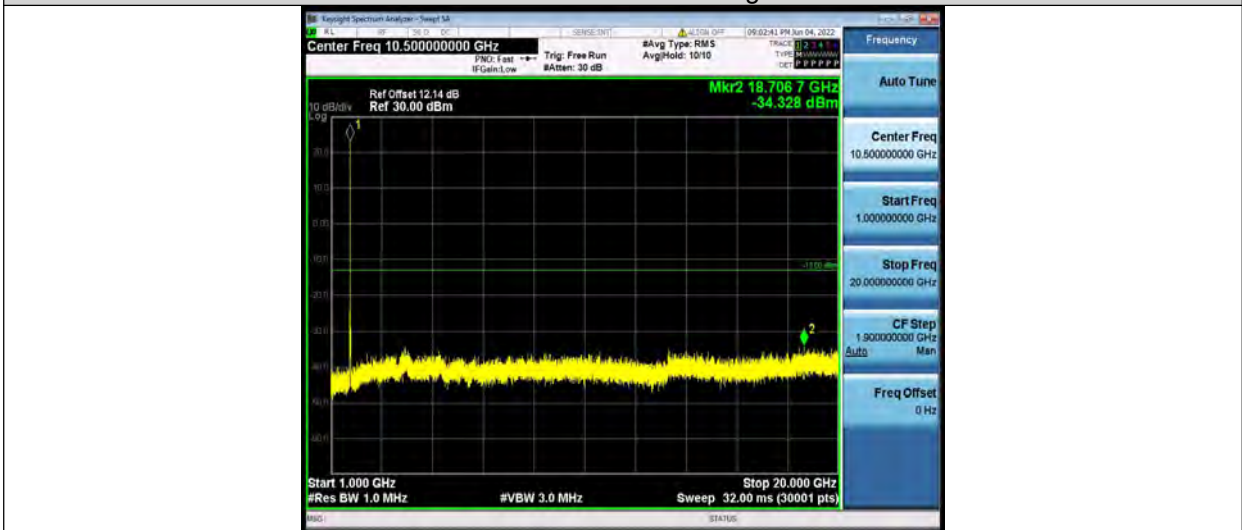
Band4-15MHz-16QAM-20025-1RB#0-Range1:30~1000MHz



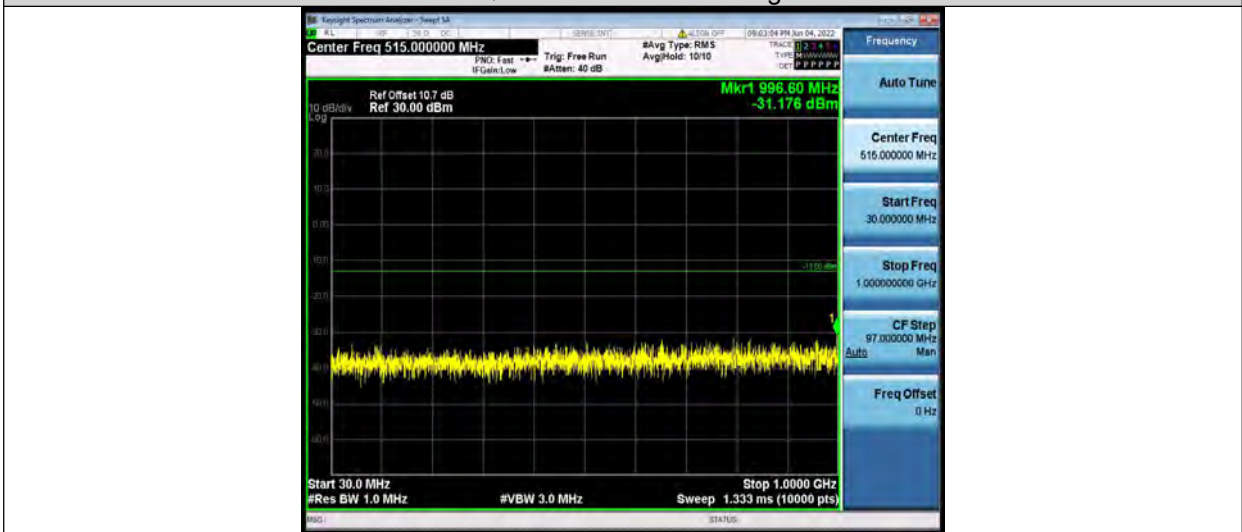
Test Report No.: PSU-NQN2204290110-1RF03



Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~20000MHz



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



Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz

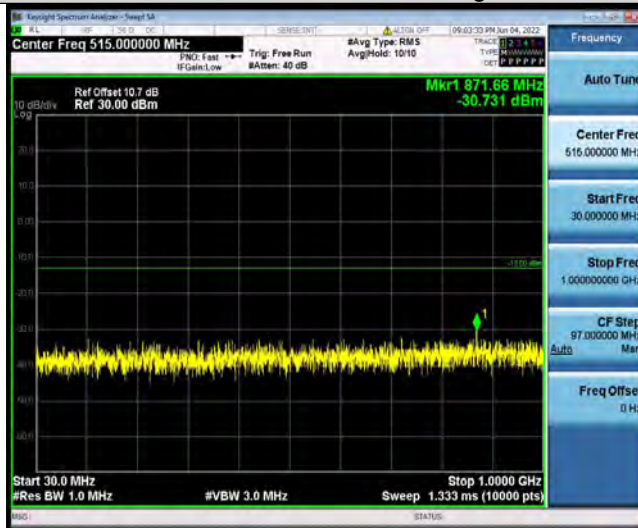


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Test Report No.: PSU-NQN2204290110-1RF03



Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz



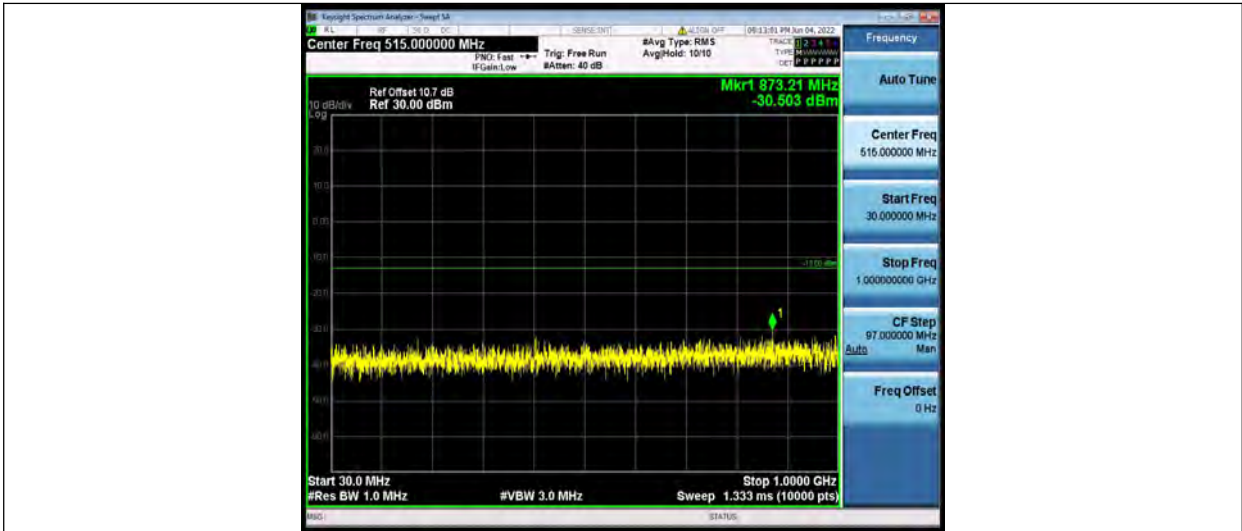
Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~20000MHz



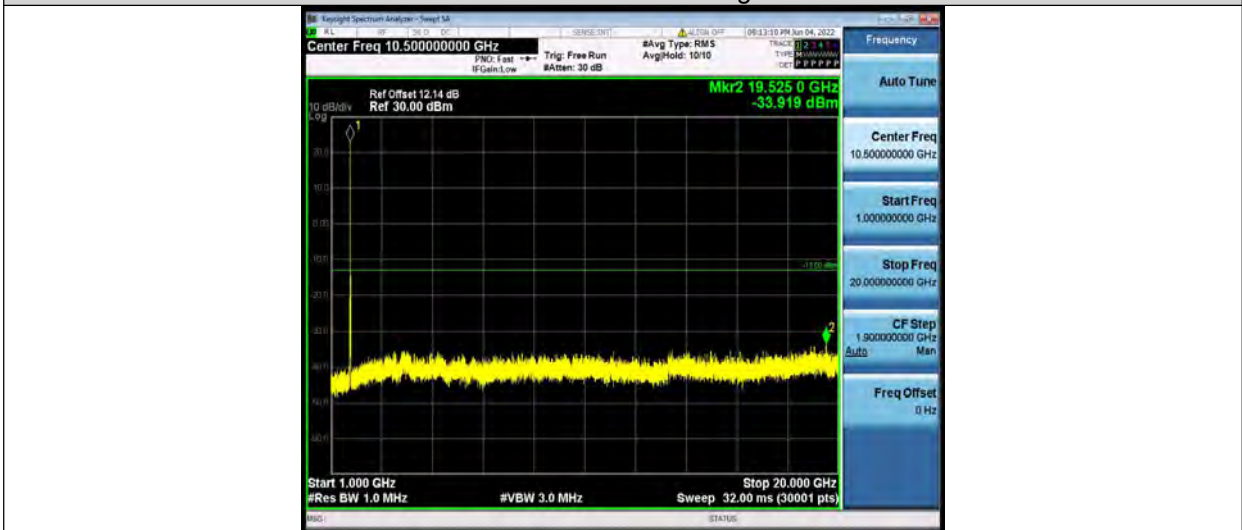
Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



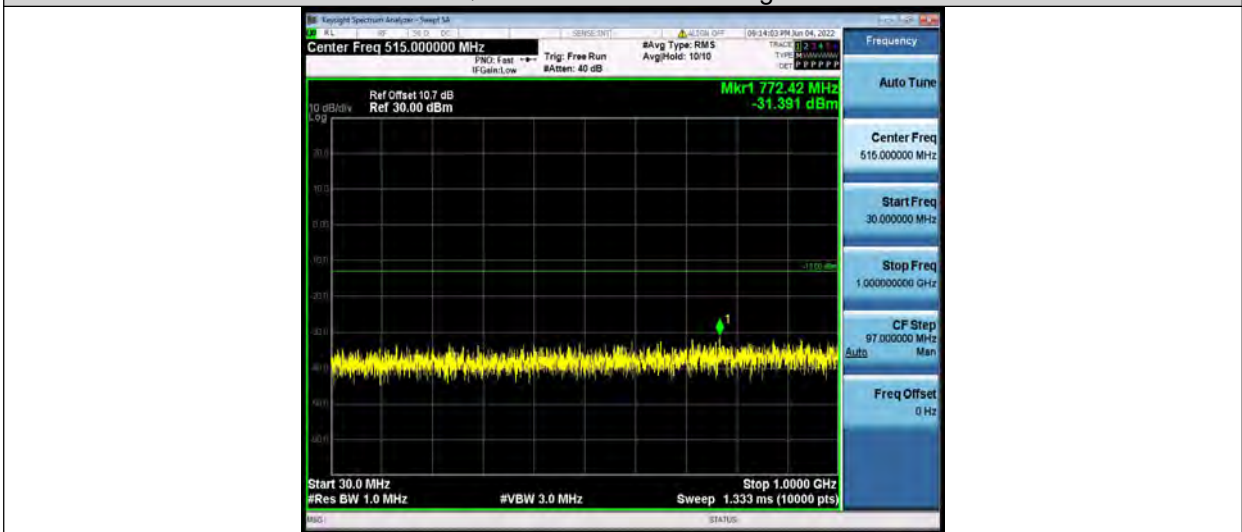
Test Report No.: PSU-NQN2204290110-1RF03



Band4-20MHz-QPSK-20050-1RB#0-Range2: 1000~20000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range1: 30~1000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range2: 1000~20000MHz

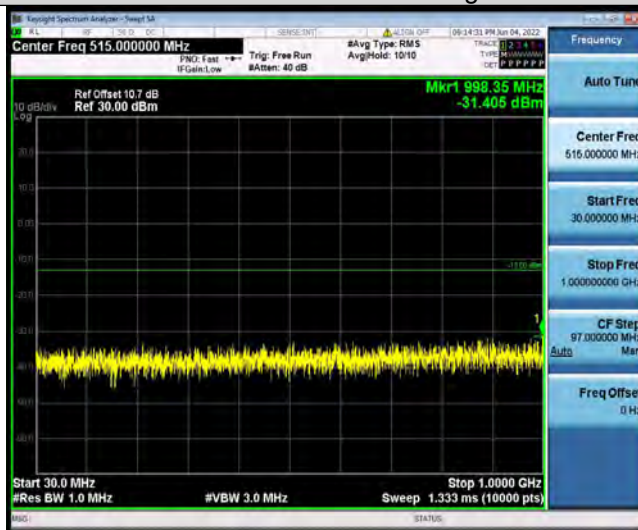


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Test Report No.: PSU-NQN2204290110-1RF03



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



Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz

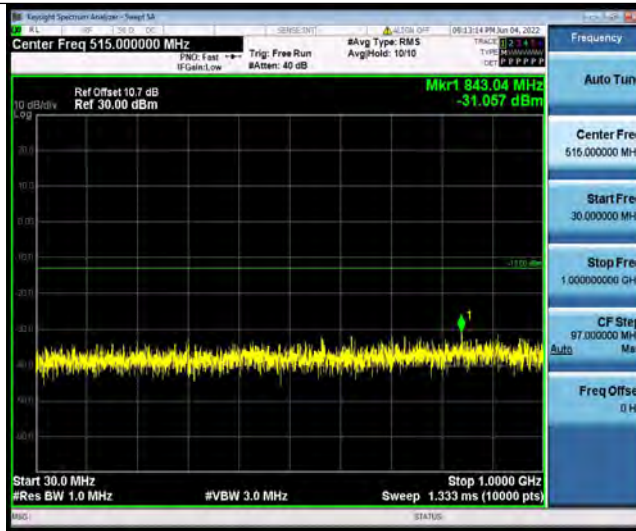


Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



BUREAU VERITAS

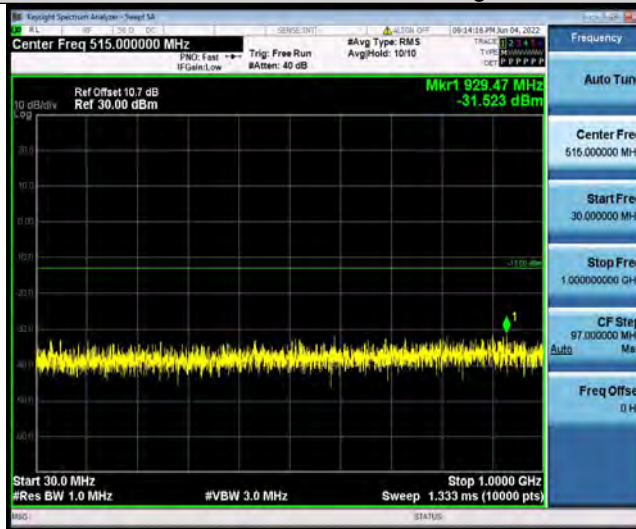
Test Report No.: PSU-NQN2204290110-1RF03



Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz

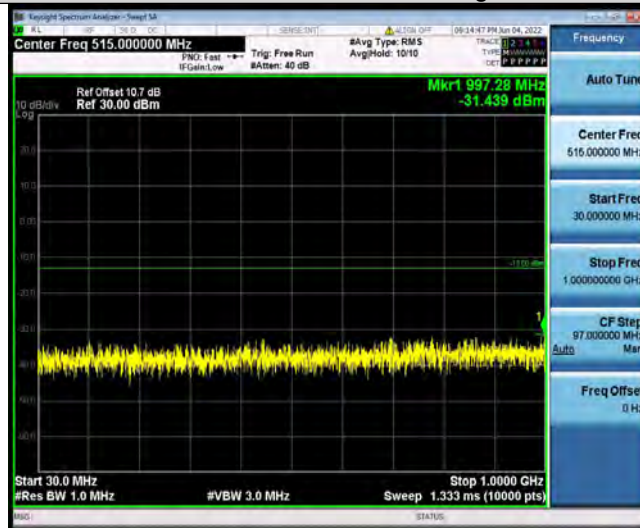


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Test Report No.: PSU-NQN2204290110-1RF03



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



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz





Test Report No.: PSU-NQN2204290110-1RF03

FREQUENCY STABILITY

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-9.20	-0.005378	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	-11.32	-0.006617	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-9.24	-0.005401	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-10.17	-0.005870	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	11.20	0.006465	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-9.20	-0.005310	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-11.17	-0.006367	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	7.84	0.004469	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-11.06	-0.006305	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-10.89	-0.006366	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	-8.05	-0.004706	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-11.76	-0.006874	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-8.55	-0.004935	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-6.98	-0.004029	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-8.75	-0.005051	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-4.22	-0.002406	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-7.65	-0.004361	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-18.30	-0.010432	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	-10.27	-0.006001	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	-9.04	-0.005282	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	-9.11	-0.005323	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	-11.69	-0.006747	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	7.05	0.004069	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	-11.53	-0.006655	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	-6.29	-0.003587	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	8.65	0.004933	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	-4.71	-0.002686	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-8.60	-0.005025	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-11.92	-0.006965	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	-12.15	-0.007099	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-3.12	-0.001801	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-9.54	-0.005506	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	-3.43	-0.001980	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	-4.31	-0.002458	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	-6.49	-0.003701	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	-10.30	-0.005874	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-10.46	-0.006108	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	-9.71	-0.005670	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-9.83	-0.005740	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	-7.01	-0.004046	±2.5	PASS



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Band4	5MHz	QPSK	20175	25RB#0	VN	NT	7.44	0.004294	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	-10.86	-0.006268	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	-9.48	-0.005409	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	10.31	0.005883	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	-9.71	-0.005541	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-10.04	-0.005863	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-7.62	-0.004450	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-12.22	-0.007136	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	-9.43	-0.005443	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	-6.64	-0.003833	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	-8.27	-0.004773	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-8.54	-0.004873	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-5.84	-0.003332	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	-9.50	-0.005421	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	-11.33	-0.006606	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-8.08	-0.004711	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-10.71	-0.006245	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	-10.61	-0.006124	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	7.40	0.004271	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	-5.54	-0.003198	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	-10.03	-0.005731	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	6.49	0.003709	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	-10.86	-0.006206	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	VL	NT	-8.61	-0.005020	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	VN	NT	-9.60	-0.005598	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	VH	NT	-7.31	-0.004262	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	VL	NT	-9.47	-0.005466	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	VN	NT	-8.73	-0.005039	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	VH	NT	-10.99	-0.006343	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	VL	NT	-7.15	-0.004086	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	VN	NT	5.11	0.002920	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	VH	NT	-12.04	-0.006880	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	-9.10	-0.005298	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	-12.49	-0.007272	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	-9.24	-0.005380	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	-10.56	-0.006095	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	-9.14	-0.005276	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	-8.44	-0.004872	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	-4.71	-0.002695	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	9.23	0.005282	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	-4.52	-0.002587	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	VL	NT	-8.41	-0.004897	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	VN	NT	-12.99	-0.007563	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	VH	NT	-10.11	-0.005886	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	VL	NT	-8.53	-0.004924	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	VN	NT	-12.17	-0.007025	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	VH	NT	-6.74	-0.003890	±2.5	PASS
Band4	15MHz	16QAM	20325	27RB#0	VL	NT	-7.54	-0.004315	±2.5	PASS
Band4	15MHz	16QAM	20325	27RB#0	VN	NT	7.45	0.004263	±2.5	PASS
Band4	15MHz	16QAM	20325	27RB#0	VH	NT	-8.58	-0.004910	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-10.51	-0.006110	±2.5	PASS



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Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-11.99	-0.006971	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-11.64	-0.006767	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-7.74	-0.004468	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	8.57	0.004947	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-8.85	-0.005108	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-8.21	-0.004705	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	7.75	0.004441	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-9.78	-0.005605	±2.5	PASS
Band4	20MHz	16QAM	20050	27RB#0	VL	NT	-12.99	-0.007552	±2.5	PASS
Band4	20MHz	16QAM	20050	27RB#0	VN	NT	-6.57	-0.003820	±2.5	PASS
Band4	20MHz	16QAM	20050	27RB#0	VH	NT	-9.43	-0.005483	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	VL	NT	-7.62	-0.004398	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	VN	NT	-11.10	-0.006407	±2.5	PASS
Band4	20MHz	16QAM	20175	27RB#0	VH	NT	-8.24	-0.004756	±2.5	PASS
Band4	20MHz	16QAM	20300	27RB#0	VL	NT	5.66	0.003244	±2.5	PASS
Band4	20MHz	16QAM	20300	27RB#0	VN	NT	7.47	0.004281	±2.5	PASS
Band4	20MHz	16QAM	20300	27RB#0	VH	NT	7.34	0.004206	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-11.46	-0.006699	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-10.14	-0.005927	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-9.94	-0.005810	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	-11.23	-0.006565	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-10.89	-0.006366	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-9.50	-0.005553	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	-8.55	-0.004998	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	-10.10	-0.005904	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-9.11	-0.005258	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-6.38	-0.003683	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-11.09	-0.006401	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-7.57	-0.004369	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-7.60	-0.004387	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-7.02	-0.004052	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-10.33	-0.005962	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-8.35	-0.004820	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-11.00	-0.006270	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-9.80	-0.005586	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-11.19	-0.006379	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-7.57	-0.004315	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-7.07	-0.004030	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-4.28	-0.002440	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-7.68	-0.004378	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-7.81	-0.004452	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-9.81	-0.005734	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-10.01	-0.005851	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-8.23	-0.004811	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-9.74	-0.005694	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-10.90	-0.006372	±2.5	PASS



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Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	-7.94	-0.004641	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	-9.56	-0.005588	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-10.37	-0.006062	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-8.75	-0.005051	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-6.44	-0.003717	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-5.15	-0.002973	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-8.38	-0.004837	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-8.48	-0.004895	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-7.12	-0.004110	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-9.53	-0.005501	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-7.47	-0.004312	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-6.32	-0.003603	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	3.78	0.002155	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-8.91	-0.005079	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-6.45	-0.003677	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-6.45	-0.003677	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	4.13	0.002354	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-7.12	-0.004059	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-9.38	-0.005347	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-8.61	-0.005031	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	-7.65	-0.004470	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	-10.23	-0.005977	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-7.97	-0.004657	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	-8.74	-0.005107	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	-8.04	-0.004698	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	-7.90	-0.004616	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	-9.48	-0.005539	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-7.38	-0.004260	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-8.81	-0.005085	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-8.90	-0.005137	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-5.85	-0.003377	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-6.01	-0.003469	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	-8.00	-0.004618	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	-5.51	-0.003180	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	-3.35	-0.001934	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-7.68	-0.004380	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-3.88	-0.002213	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	-8.54	-0.004870	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	-12.03	-0.006861	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	-7.08	-0.004038	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	-6.08	-0.003467	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	-6.85	-0.003906	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	-6.79	-0.003872	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-11.52	-0.006731	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	-11.79	-0.006889	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	-12.00	-0.007011	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	-7.95	-0.004645	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-10.14	-0.005925	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	-4.98	-0.002910	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	-8.37	-0.004890	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	-7.98	-0.004663	±2.5	PASS



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Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-7.07	-0.004081	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	2.89	0.001668	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-6.67	-0.003850	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	-6.72	-0.003879	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-8.45	-0.004877	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	4.19	0.002418	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	7.68	0.004433	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	8.83	0.005097	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	-8.43	-0.004808	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	-4.89	-0.002789	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	-7.12	-0.004060	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	-5.41	-0.003085	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	-7.47	-0.004260	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	-11.01	-0.006279	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	-6.22	-0.003547	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	-7.98	-0.004551	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-10.01	-0.005845	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-11.27	-0.006581	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-9.03	-0.005273	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-8.43	-0.004923	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-7.80	-0.004555	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	-8.44	-0.004928	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	-13.39	-0.007819	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	-10.06	-0.005874	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-8.00	-0.004618	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	-8.97	-0.005177	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-8.34	-0.004814	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-3.65	-0.002107	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-6.18	-0.003567	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	-6.54	-0.003775	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-4.58	-0.002644	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	-8.14	-0.004698	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-6.51	-0.003715	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-2.83	-0.001615	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	-10.30	-0.005877	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-4.06	-0.002317	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-10.13	-0.005780	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-7.98	-0.004553	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-8.90	-0.005078	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-9.64	-0.005501	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-11.23	-0.006558	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-10.16	-0.005933	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	-9.30	-0.005431	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	-8.53	-0.004981	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-12.87	-0.007515	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	-9.06	-0.005291	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	-11.83	-0.006908	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	-9.16	-0.005349	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-4.99	-0.002880	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-3.85	-0.002222	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-5.04	-0.002909	±2.5	PASS



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Band4	5MHz	16QAM	20175	25RB#0	NV	10	-7.35	-0.004242	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	-7.93	-0.004577	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	-7.87	-0.004543	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	-5.97	-0.003446	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-6.28	-0.003625	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-7.28	-0.004154	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-4.68	-0.002670	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-7.61	-0.004342	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-13.95	-0.007960	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-11.27	-0.006431	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-10.71	-0.006111	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-8.05	-0.004593	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-5.61	-0.003201	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-9.16	-0.005341	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-9.88	-0.005761	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-14.28	-0.008327	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-9.66	-0.005633	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-7.67	-0.004472	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-8.91	-0.005195	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	-7.54	-0.004397	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	-13.98	-0.008152	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-6.95	-0.004012	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-8.93	-0.005154	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	-6.49	-0.003746	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-10.14	-0.005853	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-6.97	-0.004023	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	-7.08	-0.004087	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	-8.13	-0.004693	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	-6.61	-0.003815	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	-9.81	-0.005606	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	-12.62	-0.007211	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	-8.50	-0.004857	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	-9.77	-0.005583	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-6.95	-0.003971	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	-5.78	-0.003303	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	-6.87	-0.003926	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	-11.40	-0.006514	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	NV	-30	-11.53	-0.006723	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	NV	-20	-9.83	-0.005732	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	NV	0	-10.37	-0.006047	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	NV	10	-8.81	-0.005137	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	NV	20	-9.71	-0.005662	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	NV	30	-10.73	-0.006257	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	NV	40	-9.61	-0.005603	±2.5	PASS
Band4	10MHz	16QAM	20000	27RB#0	NV	50	-9.27	-0.005405	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	-30	-8.31	-0.004797	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	-20	-7.72	-0.004456	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	0	-8.30	-0.004791	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	10	-7.41	-0.004277	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	20	-8.28	-0.004779	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	30	-6.38	-0.003683	±2.5	PASS



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Band4	10MHz	16QAM	20175	27RB#0	NV	40	-9.44	-0.005449	±2.5	PASS
Band4	10MHz	16QAM	20175	27RB#0	NV	50	-8.67	-0.005004	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	NV	-30	-5.52	-0.003154	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	NV	-20	-6.98	-0.003989	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	NV	0	-4.99	-0.002851	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	NV	10	-12.42	-0.007097	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	NV	20	-8.96	-0.005120	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	NV	30	-5.52	-0.003154	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	NV	40	-7.88	-0.004503	±2.5	PASS
Band4	10MHz	16QAM	20350	27RB#0	NV	50	-8.01	-0.004577	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	-9.08	-0.005287	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	-10.36	-0.006032	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	-10.91	-0.006352	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	-8.00	-0.004658	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	-9.16	-0.005333	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	-7.93	-0.004617	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	-7.65	-0.004454	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	-9.58	-0.005578	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	-11.49	-0.006632	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	-6.57	-0.003792	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-6.98	-0.004029	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-11.50	-0.006638	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-7.07	-0.004081	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	-5.41	-0.003123	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	-9.37	-0.005408	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	-6.45	-0.003723	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	-6.22	-0.003559	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	-2.73	-0.001562	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	5.14	0.002941	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	-8.96	-0.005127	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	-7.93	-0.004538	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	-5.46	-0.003124	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-10.47	-0.005991	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	-4.32	-0.002472	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	NV	-30	-7.80	-0.004541	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	NV	-20	-8.35	-0.004862	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	NV	0	-8.93	-0.005199	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	NV	10	-12.60	-0.007336	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	NV	20	-12.89	-0.007505	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	NV	30	-11.47	-0.006678	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	NV	40	-11.14	-0.006486	±2.5	PASS
Band4	15MHz	16QAM	20025	27RB#0	NV	50	-11.04	-0.006428	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	-30	-6.19	-0.003573	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	-20	-7.61	-0.004392	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	0	-7.11	-0.004104	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	10	-7.93	-0.004577	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	20	-9.56	-0.005518	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	30	-8.97	-0.005177	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	40	-5.87	-0.003388	±2.5	PASS
Band4	15MHz	16QAM	20175	27RB#0	NV	50	-6.54	-0.003775	±2.5	PASS
Band4	15MHz	16QAM	20325	27RB#0	NV	-30	-4.19	-0.002398	±2.5	PASS



Test Report No.: PSU-NQN2204290110-1RF03

Table with 11 columns: Band, Frequency, Modulation, Code, Reference, Modulation, Offset, Magnitude, Error, Tolerance, Status. Rows include test data for various bands and modulations, all showing PASS results.



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Test Report No.: PSU-NQN2204290110-1RF03

Band4	20MHz	16QAM	20300	27RB#0	NV	20	4.21	0.002413	±2.5	PASS
Band4	20MHz	16QAM	20300	27RB#0	NV	30	7.97	0.004567	±2.5	PASS
Band4	20MHz	16QAM	20300	27RB#0	NV	40	-4.43	-0.002539	±2.5	PASS
Band4	20MHz	16QAM	20300	27RB#0	NV	50	8.98	0.005146	±2.5	PASS

**LTE BAND7****PEAK-TO-AVERAGE RATIO(CCDF)****Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.24	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.17	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.06	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	8.49	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.09	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	8.52	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.24	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.61	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.54	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.41	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	3.06	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.38	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.20	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.14	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	2.70	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.50	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.90	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.21	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	3.39	13	PASS
Band7	10MHz	16QAM	20800	27RB#0	5.58	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	2.73	13	PASS
Band7	10MHz	16QAM	21100	27RB#0	4.84	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	8.47	13	PASS
Band7	10MHz	16QAM	21400	27RB#0	4.42	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.77	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.35	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.75	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.35	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.07	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	4.70	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.11	13	PASS
Band7	15MHz	16QAM	20825	27RB#0	5.18	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.13	13	PASS
Band7	15MHz	16QAM	21100	27RB#0	6.03	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.28	13	PASS
Band7	15MHz	16QAM	21375	27RB#0	5.89	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.20	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.31	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	2.70	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.10	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	2.80	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	8.49	13	PASS



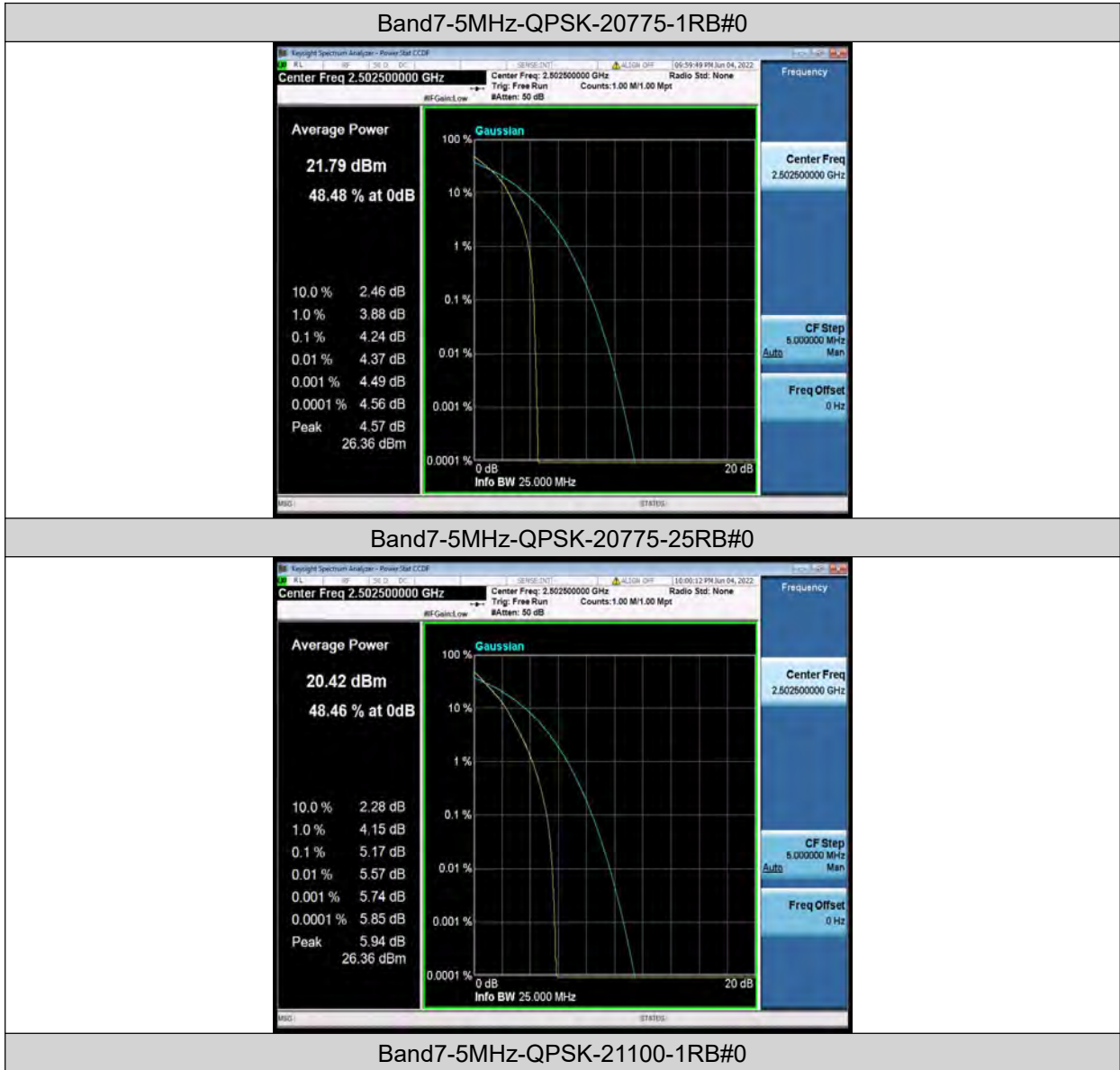
**BUREAU
VERITAS**

Test Report No.: PSU-NQN2204290110-1RF03

Band7	20MHz	16QAM	20850	1RB#0	3.36	13	PASS
Band7	20MHz	16QAM	20850	27RB#0	4.33	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	2.79	13	PASS
Band7	20MHz	16QAM	21100	27RB#0	4.79	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	8.47	13	PASS
Band7	20MHz	16QAM	21350	27RB#0	4.60	13	PASS



Test Graphs





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Test Report No.: PSU-NQN2204290110-1RF03



Band7-5MHz-QPSK-21100-25RB#0



Band7-5MHz-QPSK-21425-1RB#0



Band7-5MHz-QPSK-21425-25RB#0



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Test Report No.: PSU-NQN2204290110-1RF03



Band7-5MHz-16QAM-20775-1RB#0



Band7-5MHz-16QAM-20775-25RB#0

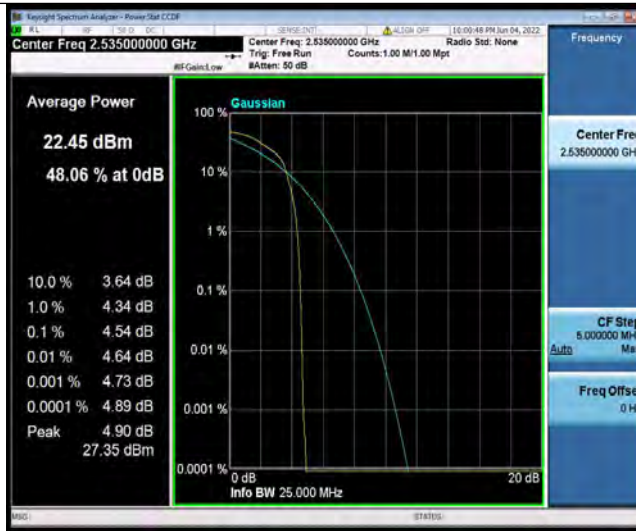


Band7-5MHz-16QAM-21100-1RB#0



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-5MHz-16QAM-21100-25RB#0



Band7-5MHz-16QAM-21425-1RB#0



Band7-5MHz-16QAM-21425-25RB#0



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VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0

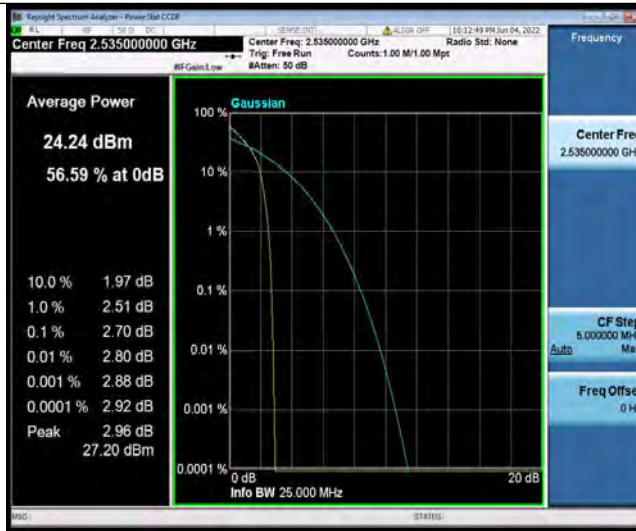


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BUREAU VERITAS

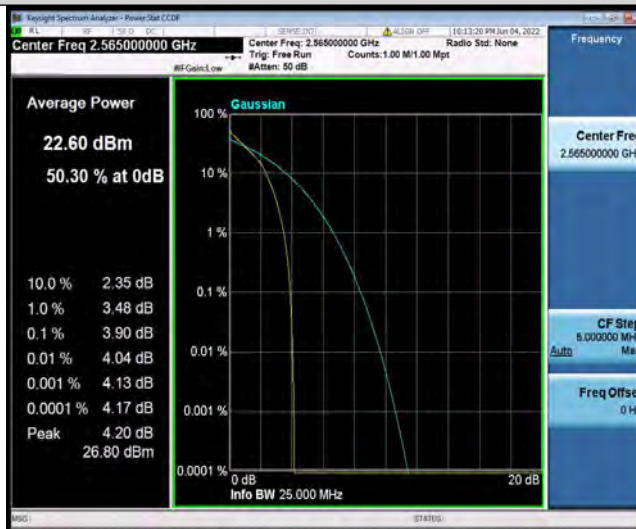
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Band7-10MHz-QPSK-21100-50RB#0



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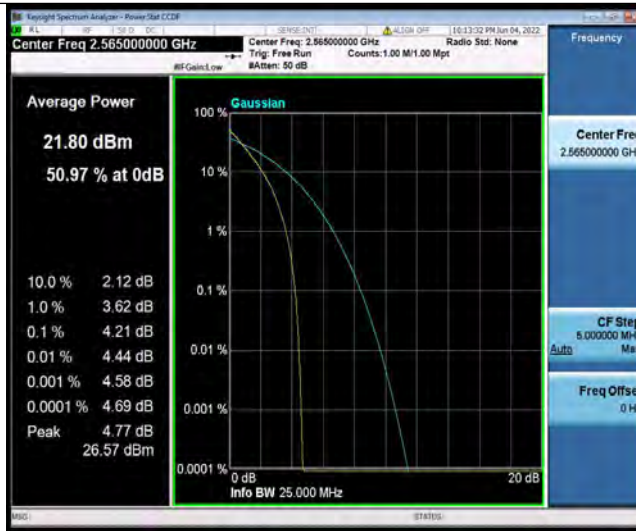


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BUREAU VERITAS

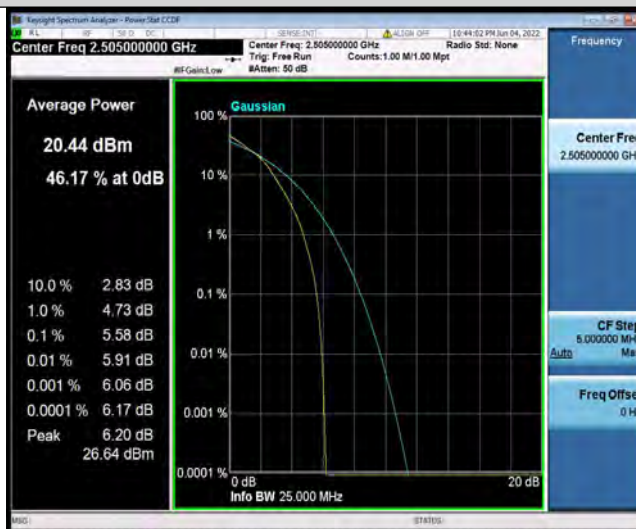
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Band7-10MHz-16QAM-20800-1RB#0



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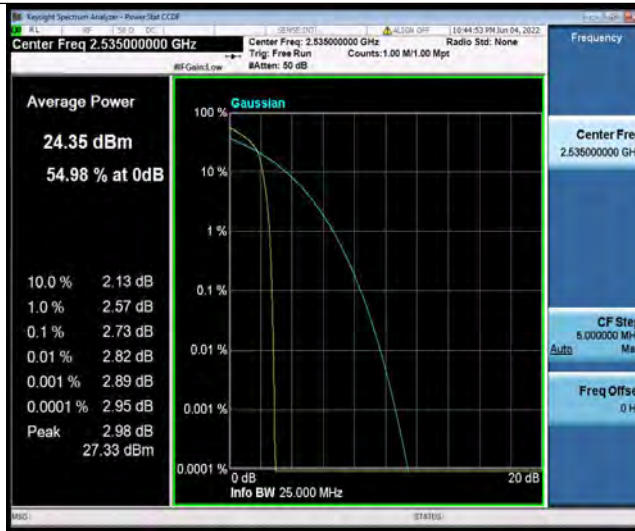


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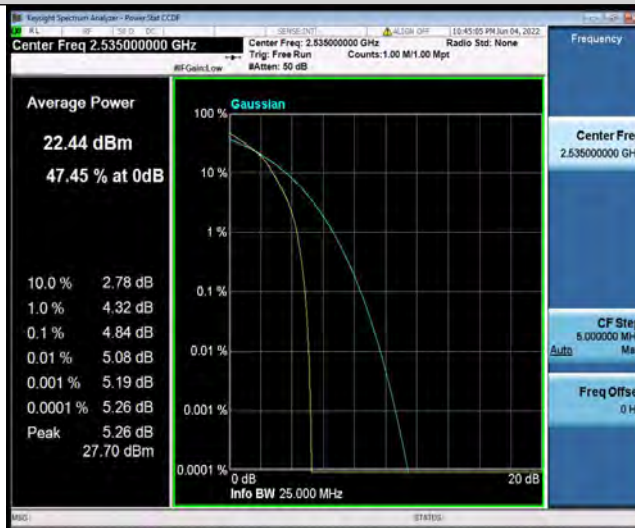


BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-10MHz-16QAM-21100-27RB#0



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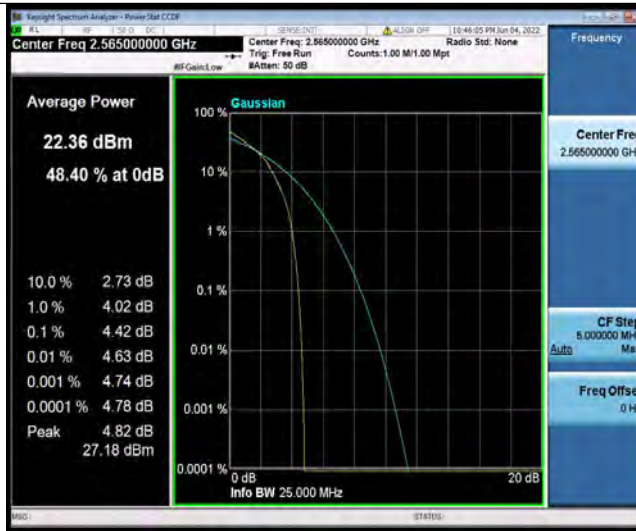


Band7-10MHz-16QAM-21400-27RB#0



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21100-1RB#0

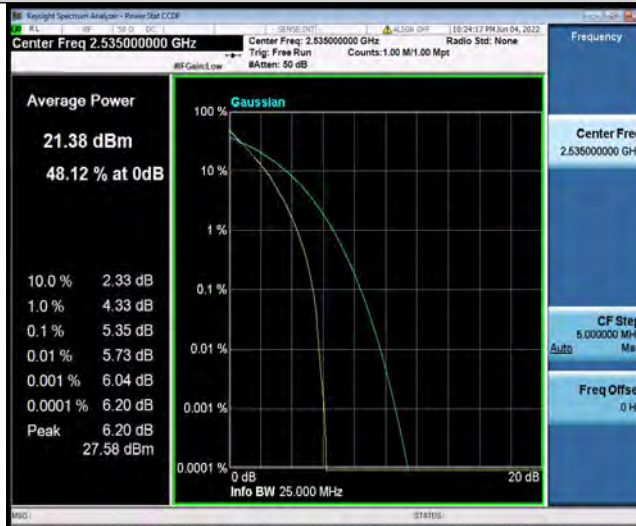


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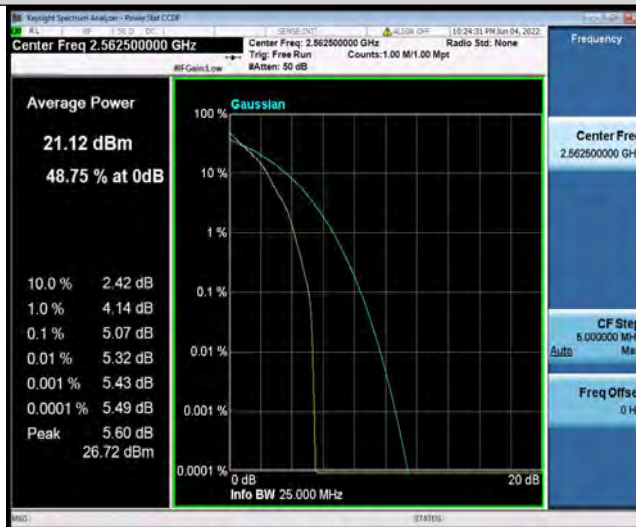
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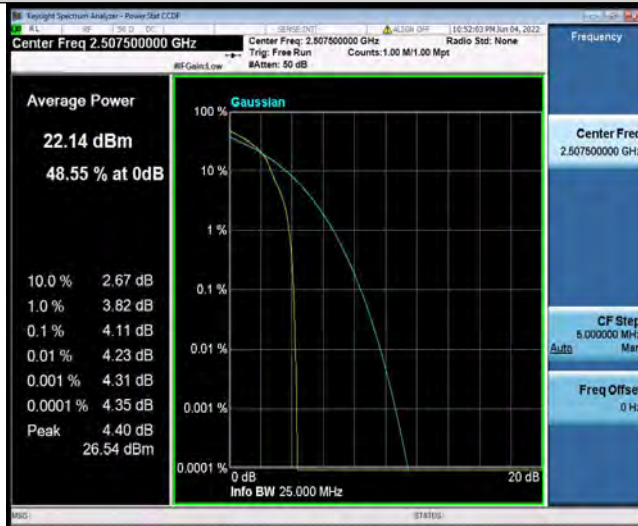


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Band7-15MHz-16QAM-20825-1RB#0



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Band7-15MHz-16QAM-21100-1RB#0



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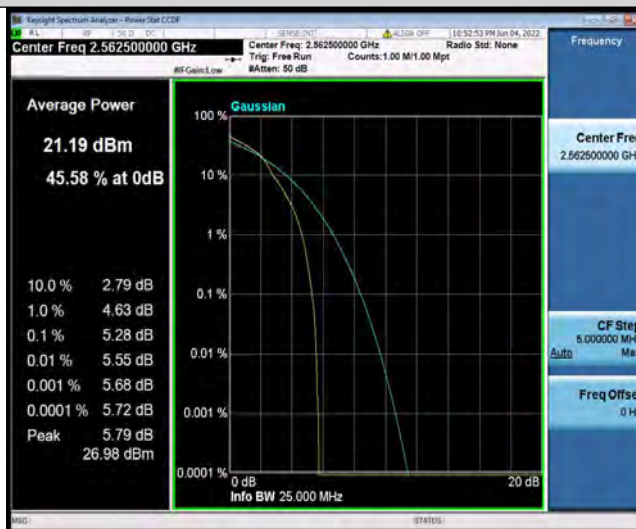
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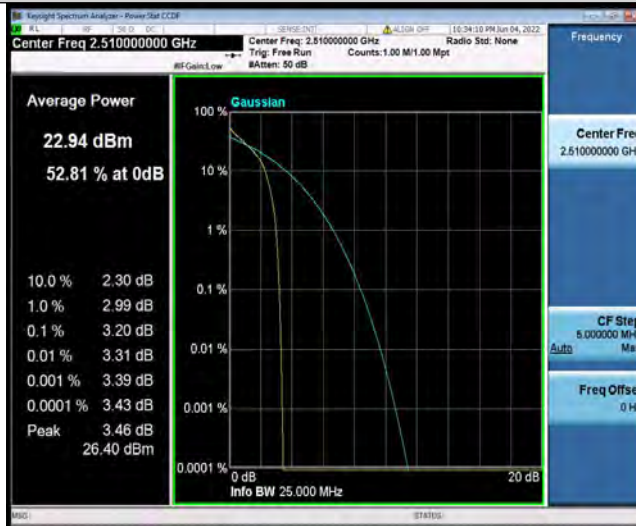


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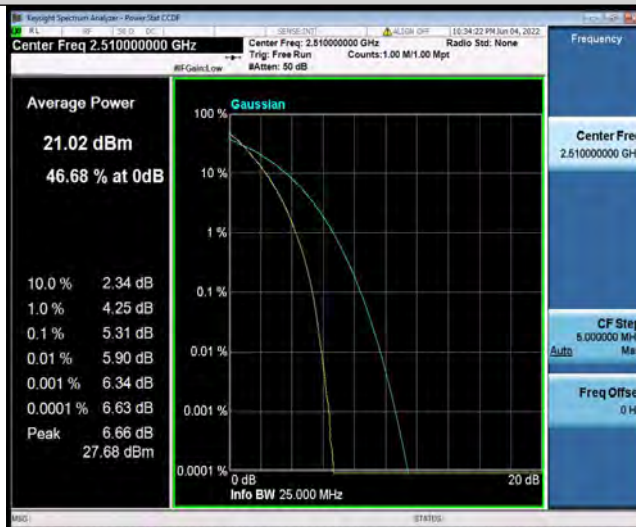
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Band7-20MHz-QPSK-20850-1RB#0



Band7-20MHz-QPSK-20850-100RB#0

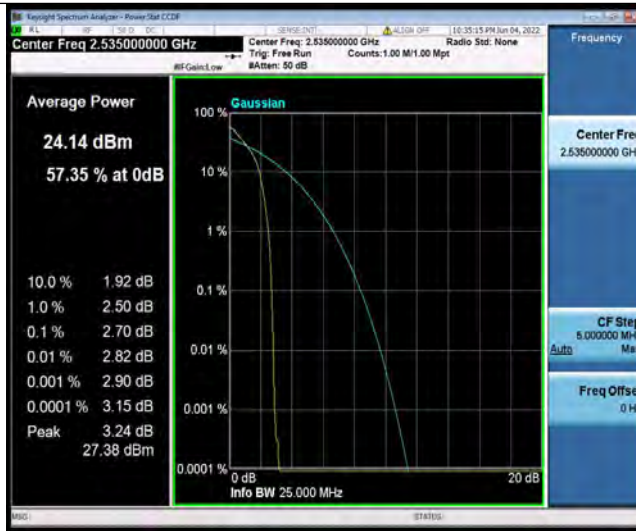


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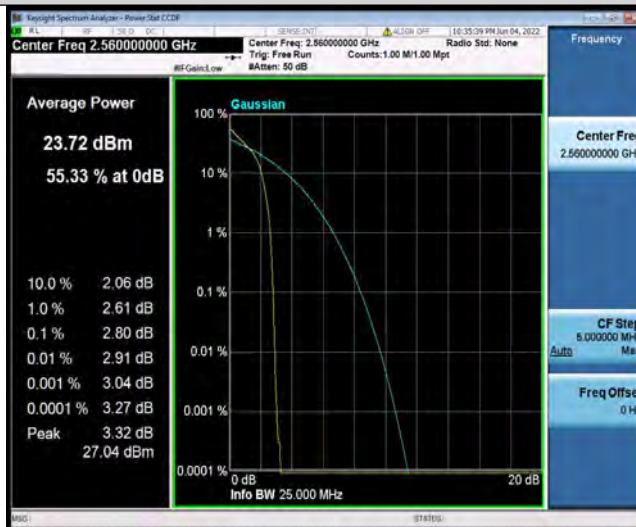
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Band7-20MHz-QPSK-21350-1RB#0



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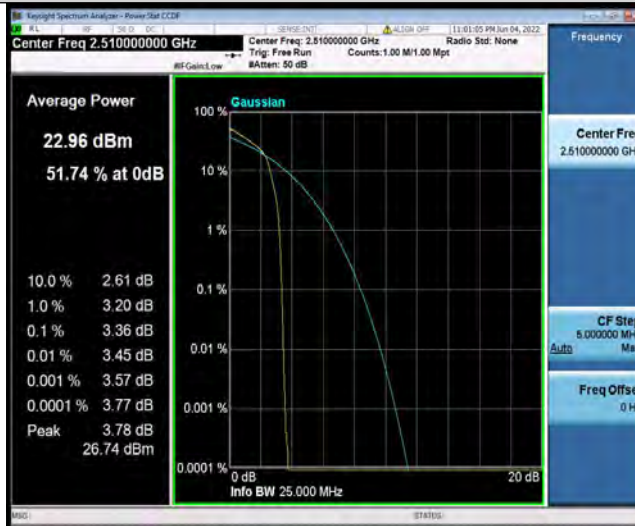


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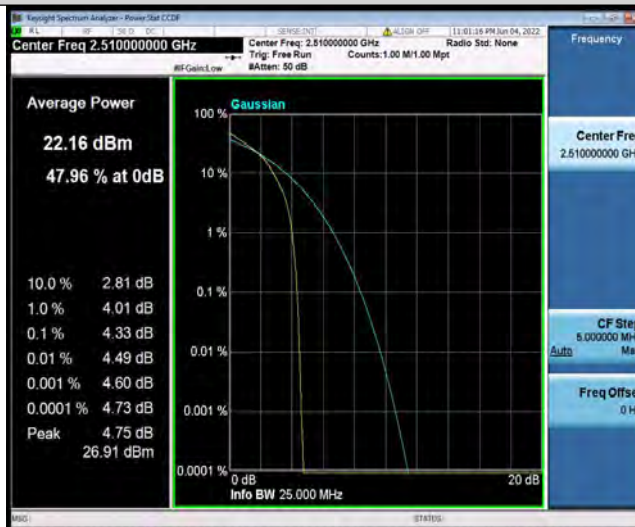
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Band7-20MHz-16QAM-20850-1RB#0



Band7-20MHz-16QAM-20850-27RB#0



Band7-20MHz-16QAM-21100-1RB#0



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-20MHz-16QAM-21100-27RB#0



Band7-20MHz-16QAM-21350-1RB#0



Band7-20MHz-16QAM-21350-27RB#0



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VERITAS

Test Report No.: PSU-NQN2204290110-1RF03





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4734	4.918	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4730	4.883	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4905	8.321	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4782	4.894	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4794	8.129	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4808	4.887	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9244	9.491	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9191	9.503	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9303	9.551	PASS
Band7	10MHz	16QAM	20800	27RB#0	4.9049	5.662	PASS
Band7	10MHz	16QAM	21100	27RB#0	4.9418	6.213	PASS
Band7	10MHz	16QAM	21400	27RB#0	4.9506	7.060	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.470	14.52	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.439	14.61	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.466	15.88	PASS
Band7	15MHz	16QAM	20825	27RB#0	5.0410	5.900	PASS
Band7	15MHz	16QAM	21100	27RB#0	5.0395	5.885	PASS
Band7	15MHz	16QAM	21375	27RB#0	5.0729	6.244	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.973	19.18	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.881	19.25	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.965	19.94	PASS
Band7	20MHz	16QAM	20850	27RB#0	5.1715	6.336	PASS
Band7	20MHz	16QAM	21100	27RB#0	5.2059	6.790	PASS
Band7	20MHz	16QAM	21350	27RB#0	5.2069	6.532	PASS

Test Graphs





BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-5MHz-16QAM-20775-25RB#0



Band7-5MHz-16QAM-21100-25RB#0



Band7-5MHz-16QAM-21425-25RB#0



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21100-50RB#0



Band7-10MHz-QPSK-21400-50RB#0

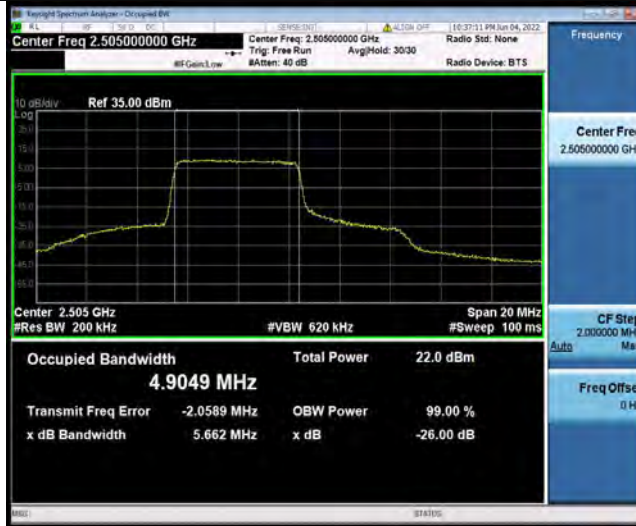


BUREAU VERITAS

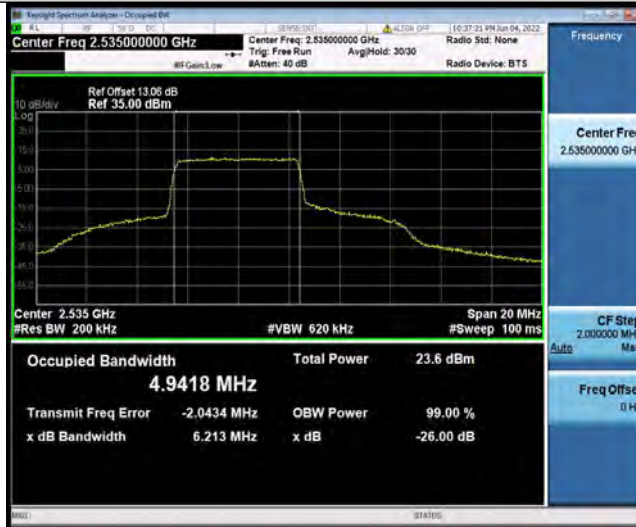
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Band7-10MHz-16QAM-20800-27RB#0



Band7-10MHz-16QAM-21100-27RB#0



Band7-10MHz-16QAM-21400-27RB#0



BUREAU VERITAS

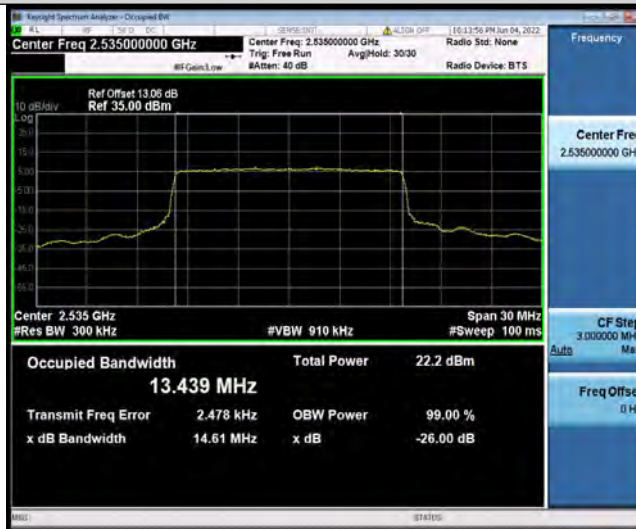
Test Report No.: PSU-NQN2204290110-1RF03



Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21100-75RB#0



Band7-15MHz-QPSK-21375-75RB#0

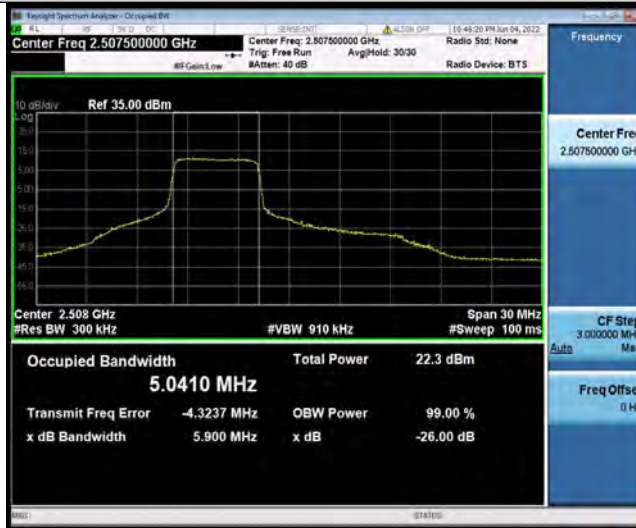


BUREAU VERITAS

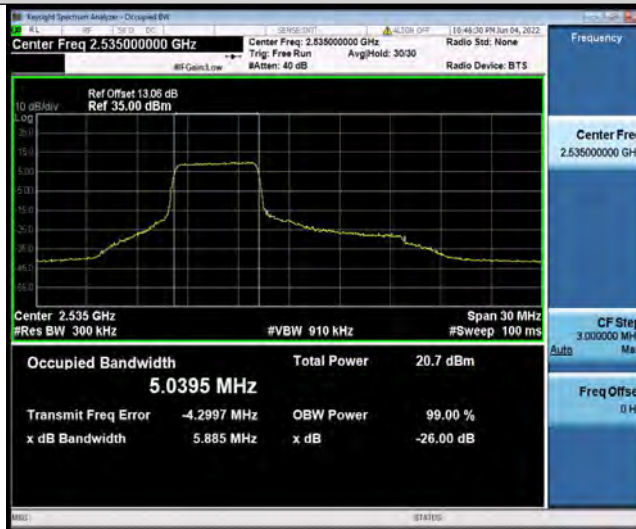
Test Report No.: PSU-NQN2204290110-1RF03



Band7-15MHz-16QAM-20825-27RB#0



Band7-15MHz-16QAM-21100-27RB#0



Band7-15MHz-16QAM-21375-27RB#0



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21100-100RB#0



Band7-20MHz-QPSK-21350-100RB#0

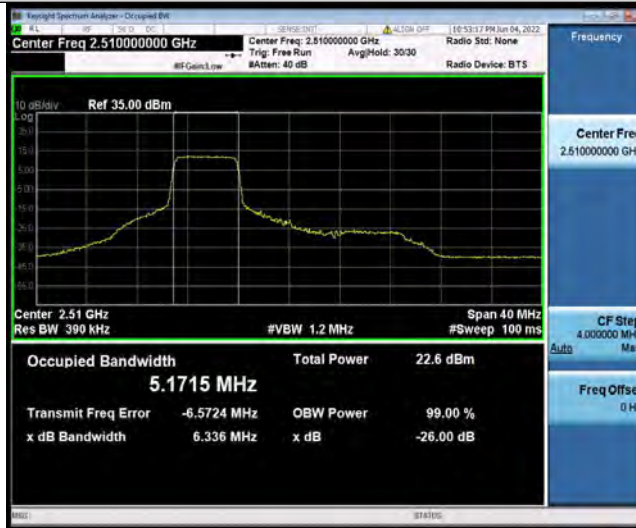


BUREAU VERITAS

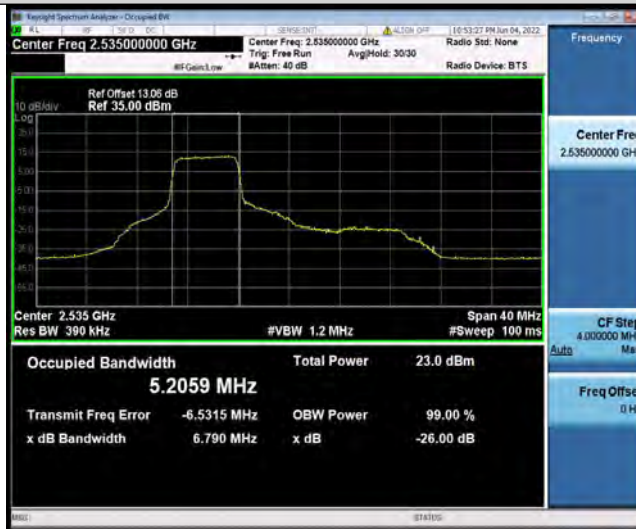
Test Report No.: PSU-NQN2204290110-1RF03



Band7-20MHz-16QAM-20850-27RB#0



Band7-20MHz-16QAM-21100-27RB#0

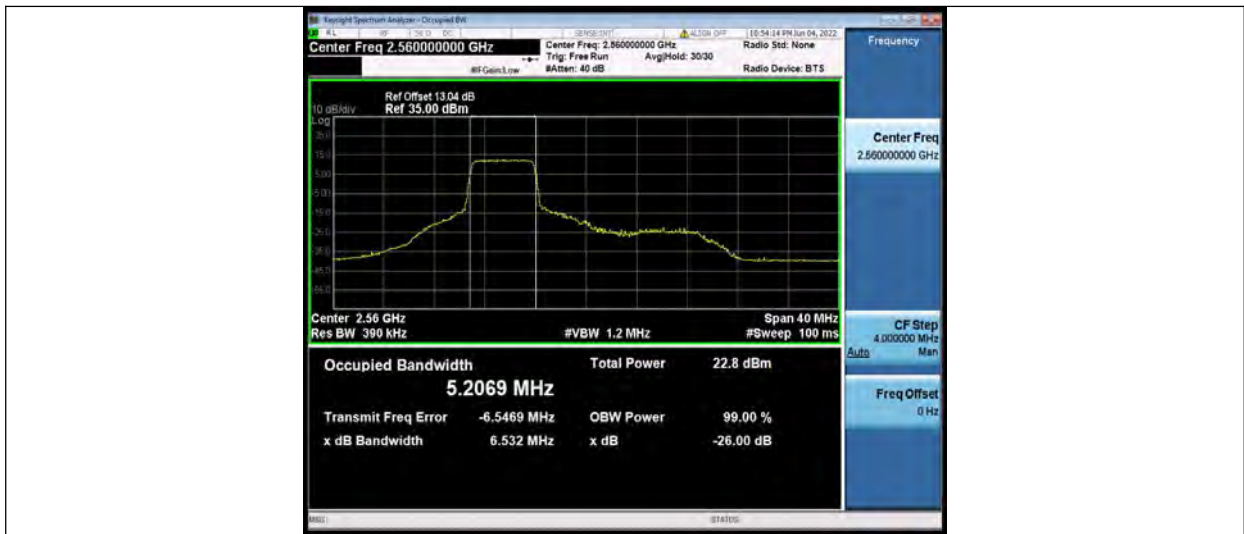


Band7-20MHz-16QAM-21350-27RB#0



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VERITAS

Test Report No.: PSU-NQN2204290110-1RF03





Test Report No.: PSU-NQN2204290110-1RF03

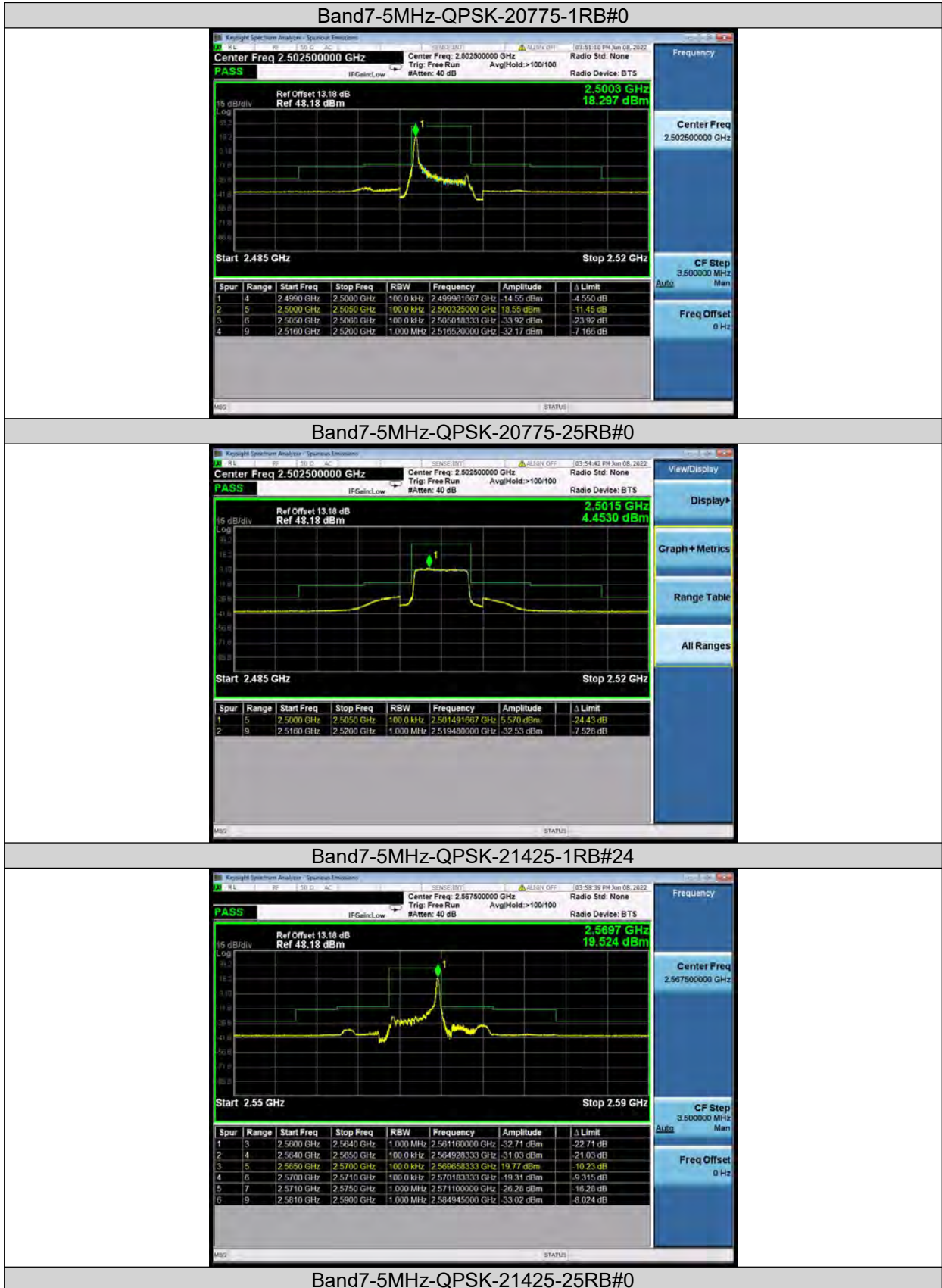
BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Test Result	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Refer To Test Graph	PASS
Band7	5MHz	QPSK	20775	25RB#0	Refer To Test Graph	PASS
Band7	5MHz	QPSK	21425	1RB#24	- Refer To Test Graph	PASS
Band7	5MHz	QPSK	21425	25RB#0	Refer To Test Graph	PASS
Band7	5MHz	16QAM	20775	1RB#0	Refer To Test Graph	PASS
Band7	5MHz	16QAM	20775	25RB#0	Refer To Test Graph	PASS
Band7	5MHz	16QAM	21425	1RB#24	Refer To Test Graph	PASS
Band7	5MHz	16QAM	21425	25RB#0	Refer To Test Graph	PASS
Band7	10MHz	QPSK	20800	1RB#0	Refer To Test Graph	PASS
Band7	10MHz	QPSK	20800	50RB#0	Refer To Test Graph	PASS
Band7	10MHz	QPSK	21400	1RB#49	Refer To Test Graph	PASS
Band7	10MHz	QPSK	21400	50RB#0	Refer To Test Graph	PASS
Band7	10MHz	16QAM	20800	1RB#0	Refer To Test Graph	PASS
Band7	10MHz	16QAM	20800	27RB#0	Refer To Test Graph	PASS
Band7	10MHz	16QAM	21400	1RB#49	Refer To Test Graph	PASS
Band7	10MHz	16QAM	21400	27RB#23	Refer To Test Graph	PASS
Band7	15MHz	QPSK	20825	1RB#0	Refer To Test Graph	PASS
Band7	15MHz	QPSK	20825	75RB#0	Refer To Test Graph	PASS
Band7	15MHz	QPSK	21375	1RB#74	Refer To Test Graph	PASS
Band7	15MHz	QPSK	21375	75RB#0	Refer To Test Graph	PASS
Band7	15MHz	16QAM	20825	1RB#0	Refer To Test Graph	PASS
Band7	15MHz	16QAM	20825	27RB#0	Refer To Test Graph	PASS
Band7	15MHz	16QAM	21375	1RB#74	Refer To Test Graph	PASS
Band7	15MHz	16QAM	21375	27RB#48	Refer To Test Graph	PASS
Band7	20MHz	QPSK	20850	1RB#0	Refer To Test Graph	PASS
Band7	20MHz	QPSK	20850	100RB#0	Refer To Test Graph	PASS
Band7	20MHz	QPSK	21350	1RB#99	Refer To Test Graph	PASS
Band7	20MHz	QPSK	21350	100RB#0	Refer To Test Graph	PASS
Band7	20MHz	16QAM	20850	1RB#0	Refer To Test Graph	PASS
Band7	20MHz	16QAM	20850	27RB#0	Refer To Test Graph	PASS
Band7	20MHz	16QAM	21350	1RB#99	Refer To Test Graph	PASS
Band7	20MHz	16QAM	21350	27RB#73	Refer To Test Graph	PASS



Test Graphs





BUREAU VERITAS

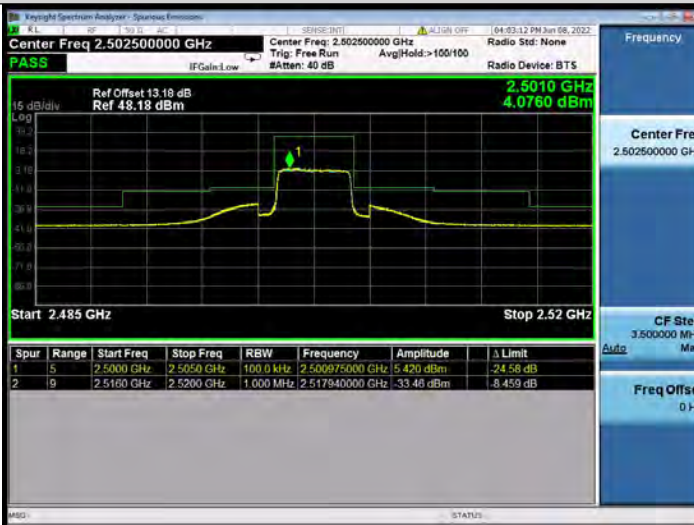
Test Report No.: PSU-NQN2204290110-1RF03



Band7-5MHz-16QAM-20775-1RB#0



Band7-5MHz-16QAM-20775-25RB#0

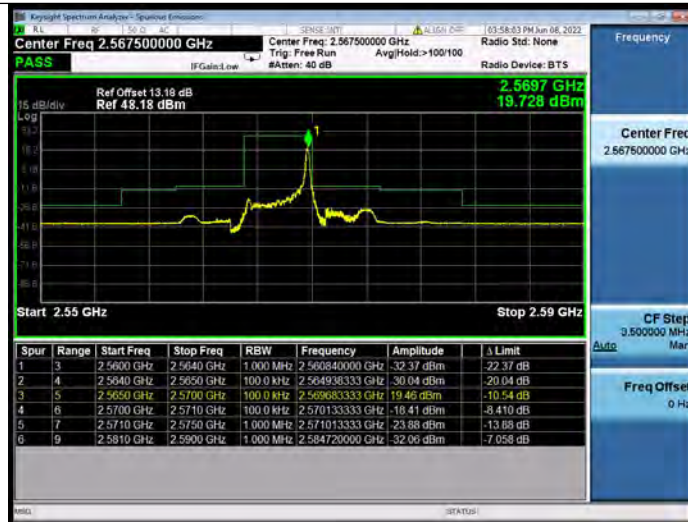


Band7-5MHz-16QAM-21425-1RB#24



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Test Report No.: PSU-NQN2204290110-1RF03



Band7-5MHz-16QAM-21425-25RB#0



Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0

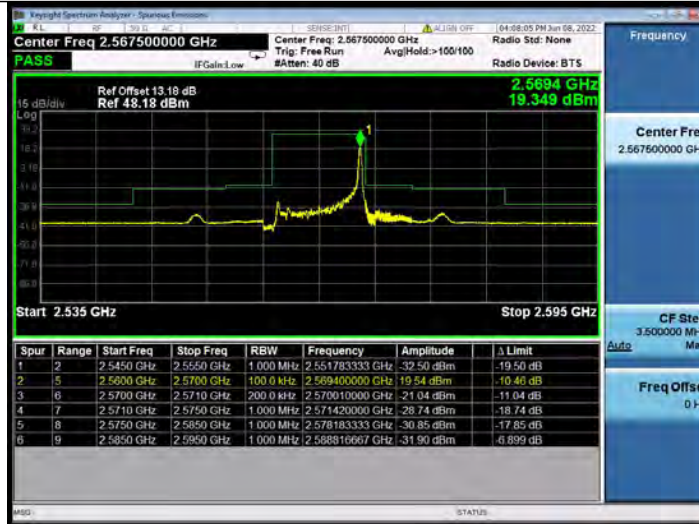


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Test Report No.: PSU-NQN2204290110-1RF03



Band7-10MHz-QPSK-21400-1RB#49



Band7-10MHz-QPSK-21400-50RB#0



Band7-10MHz-16QAM-20800-1RB#0



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-10MHz-16QAM-20800-27RB#0



Band7-10MHz-16QAM-21400-1RB#49



Band7-10MHz-16QAM-21400-27RB#23

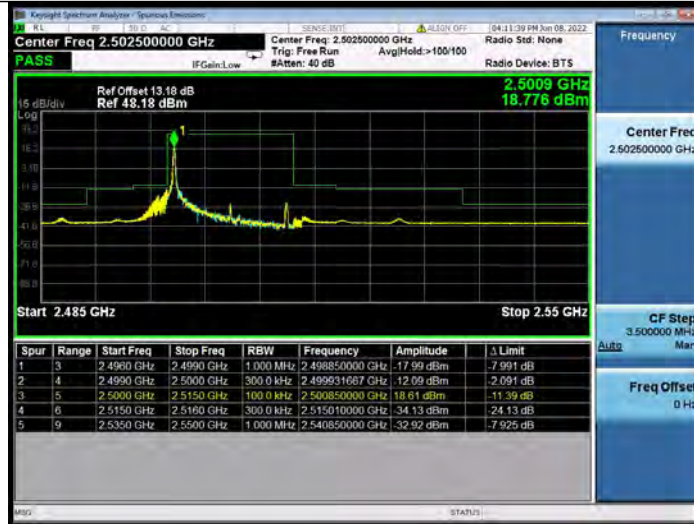


BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-15MHz-QPSK-20825-1RB#0



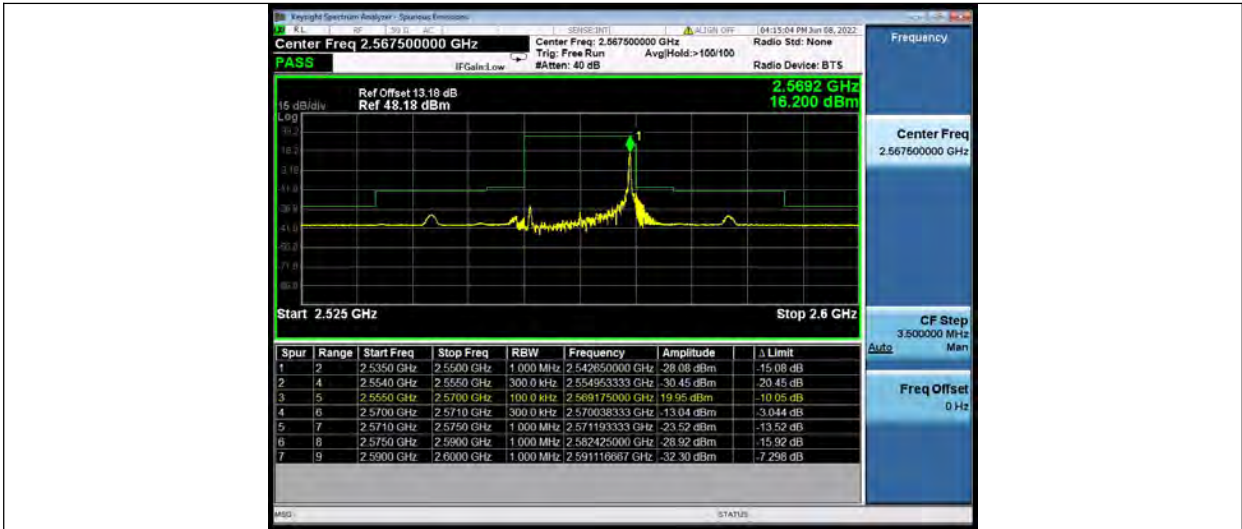
Band7-15MHz-QPSK-20825-75RB#0



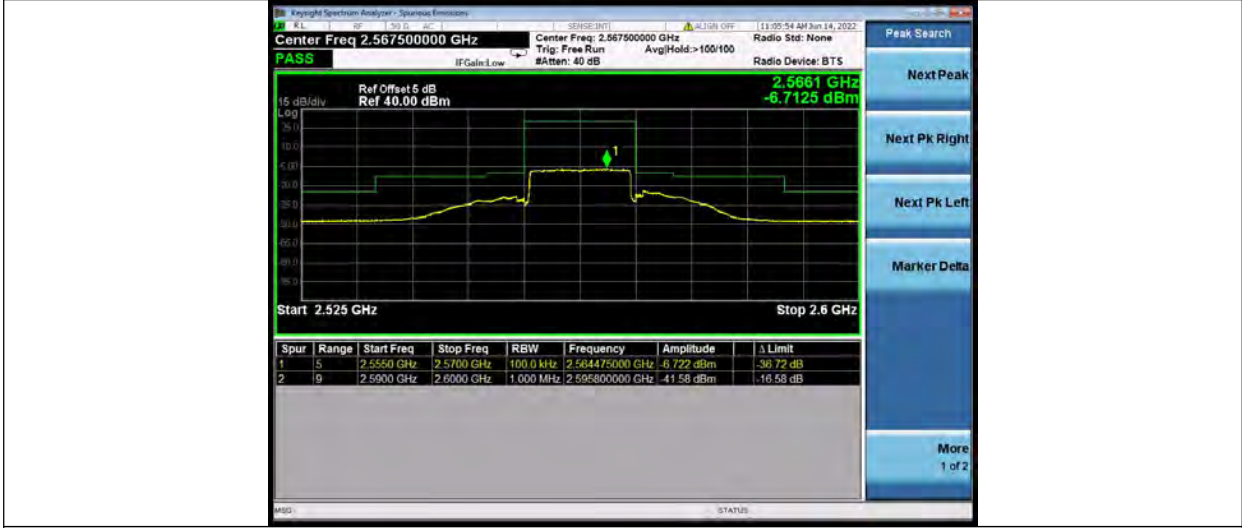
Band7-15MHz-QPSK-21375-1RB#74



Test Report No.: PSU-NQN2204290110-1RF03



Band7-15MHz-QPSK-21375-75RB#0



Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0

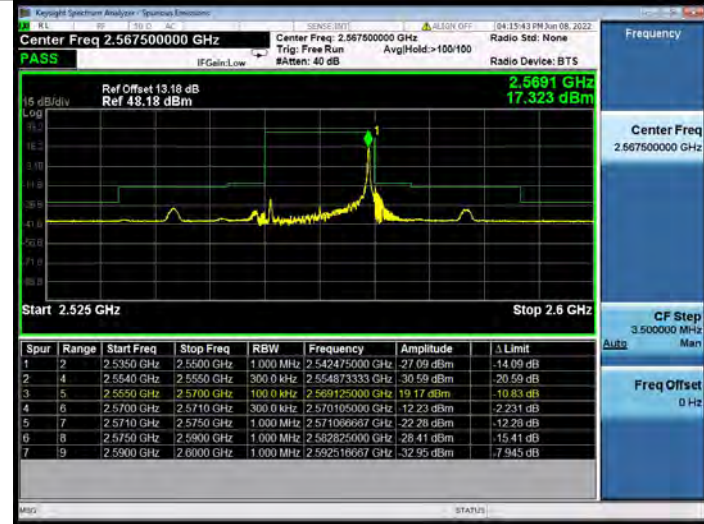


BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-15MHz-QPSK-21375-1RB#74



Band7-15MHz-16QAM-21375-27RB#48



Band7-20MHz-QPSK-20850-1RB#0



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VERITAS

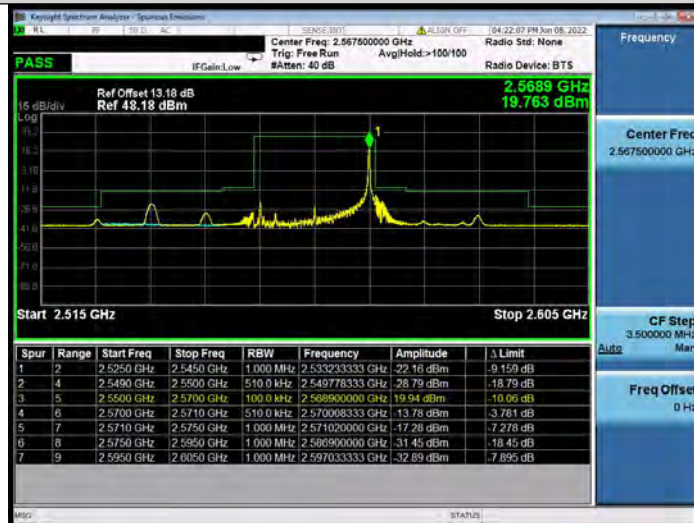
Test Report No.: PSU-NQN2204290110-1RF03



Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21350-1RB#99



Band7-20MHz-QPSK-21350-100RB#0

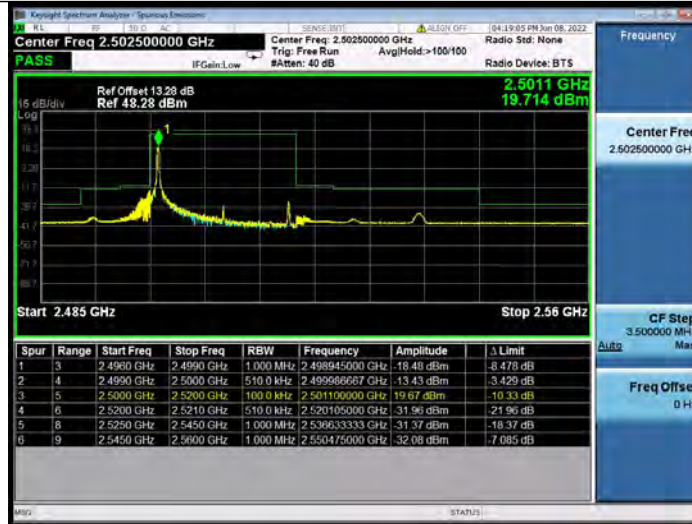


BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-20MHz-16QAM-20850-1RB#0



Band7-20MHz-16QAM-20850-27RB#0

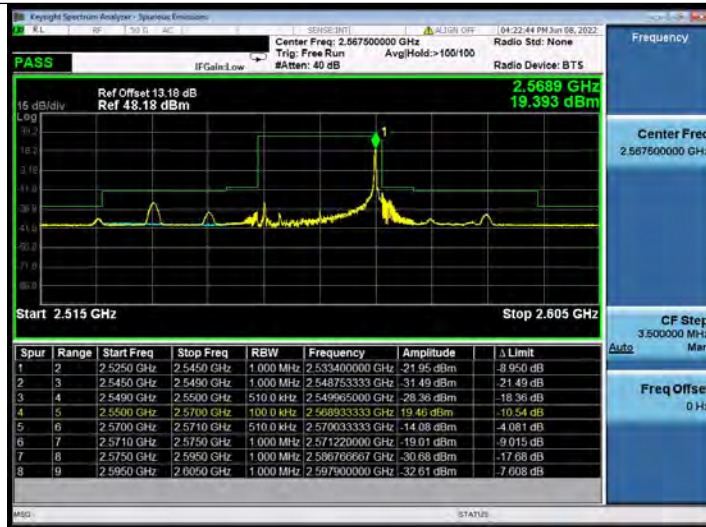


Band7-20MHz-16QAM-21350-1RB#99



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-20MHz-QPSK-21350-27RB#73





Test Report No.: PSU-NQN2204290110-1RF03

CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-41.35	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-31.7	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-39.73	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-31.69	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-41.67	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-30.41	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-41.32	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-31.13	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-41.56	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-31.44	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-41.78	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-32.04	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-41.37	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~27000MHz	-30.96	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-41.26	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-31.51	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-41.98	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~27000MHz	-32.05	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-41.17	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~27000MHz	-31.48	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-40.78	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-30.9	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-41.5	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~27000MHz	-31.07	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-40.25	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~27000MHz	-31.49	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-41.61	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-31.54	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-40.97	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~27000MHz	-31.99	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-41.13	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~27000MHz	-31.93	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-41.57	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-31.57	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-41.54	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~27000MHz	-32.12	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-41.02	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-31.48	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-41.5	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-31.37	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-39.93	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-31.33	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-41.42	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-31.79	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-40.99	PASS



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VERITAS

Test Report No.: PSU-NQN2204290110-1RF03

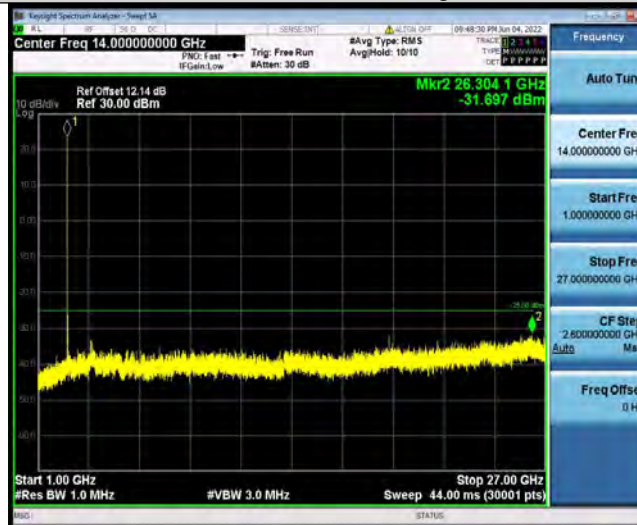
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-31.76	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-41.32	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-31.22	PASS

Test Graphs

Band7-5MHz-QPSK-20775-1RB#0-Range1:30~1000MHz



Band7-5MHz-QPSK-20775-1RB#0-Range2:1000~27000MHz



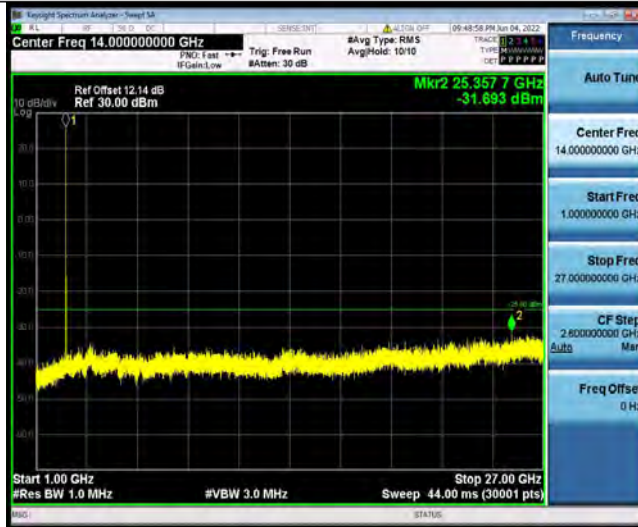
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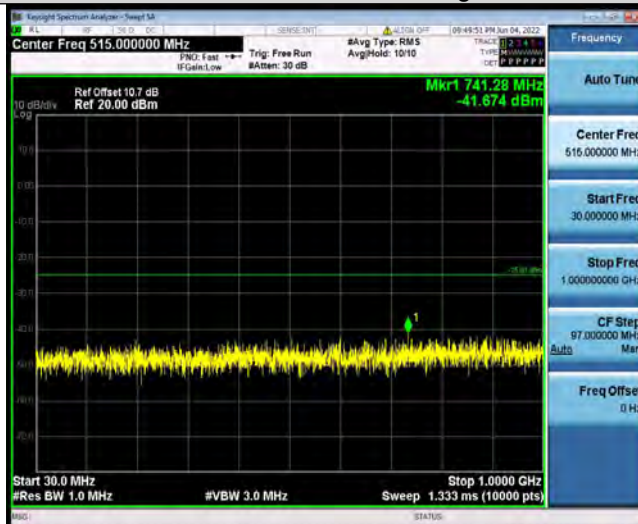


Test Report No.: PSU-NQN2204290110-1RF03

Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz



Band7-5MHz-QPSK-21425-1RB#0-Range2:1000~27000MHz



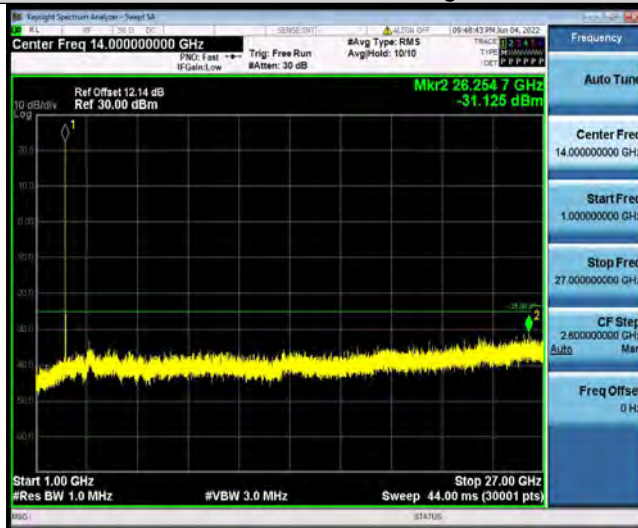
Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz



Test Report No.: PSU-NQN2204290110-1RF03



Band7-5MHz-16QAM-20775-1RB#0-Range2:1000~27000MHz



Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



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Test Report No.: PSU-NQN2204290110-1RF03



Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~27000MHz

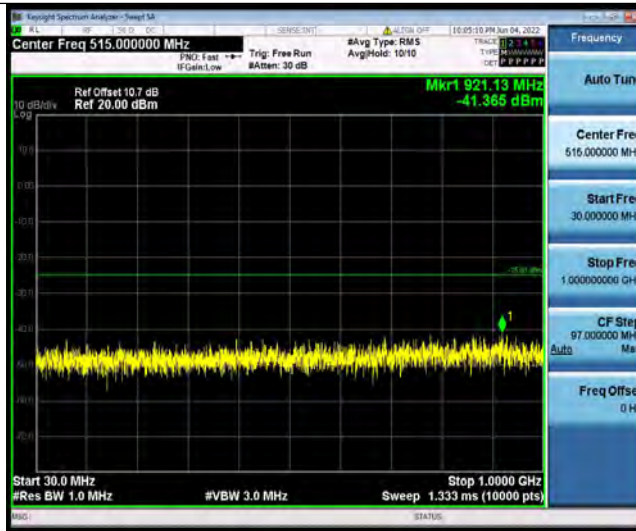


Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz

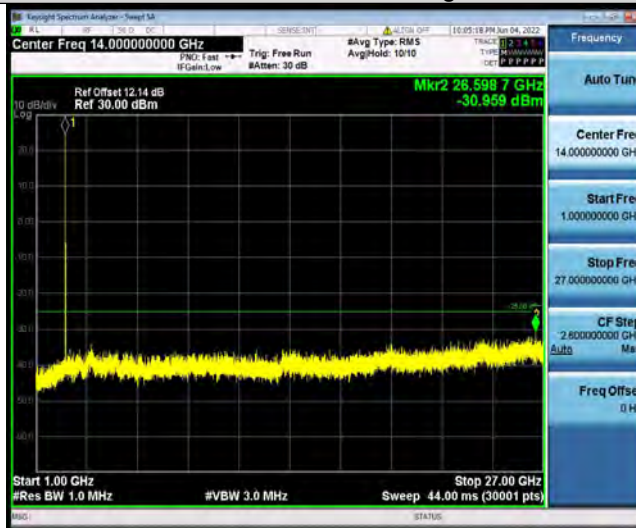


BUREAU VERITAS

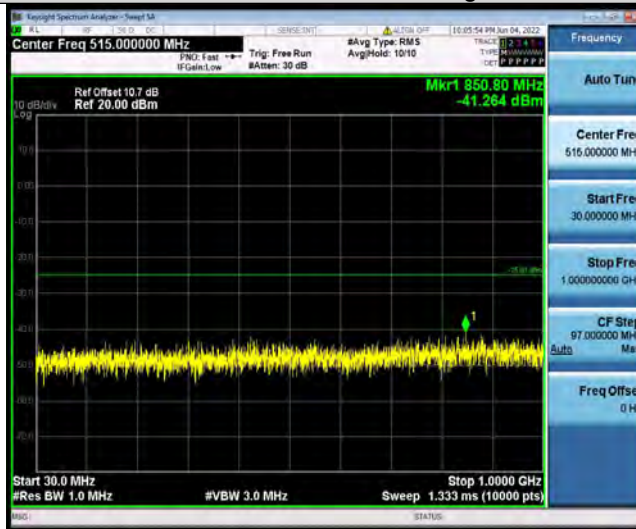
Test Report No.: PSU-NQN2204290110-1RF03



Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~27000MHz



Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-10MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz

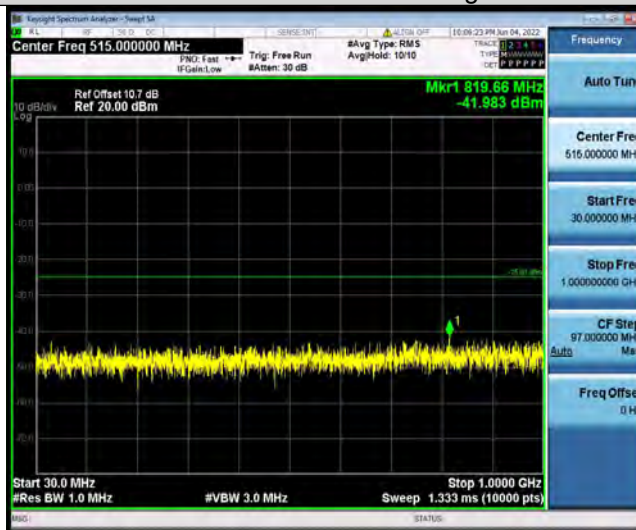


BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-10MHz-QPSK-21400-1RB#0-Range1:30~1000MHz



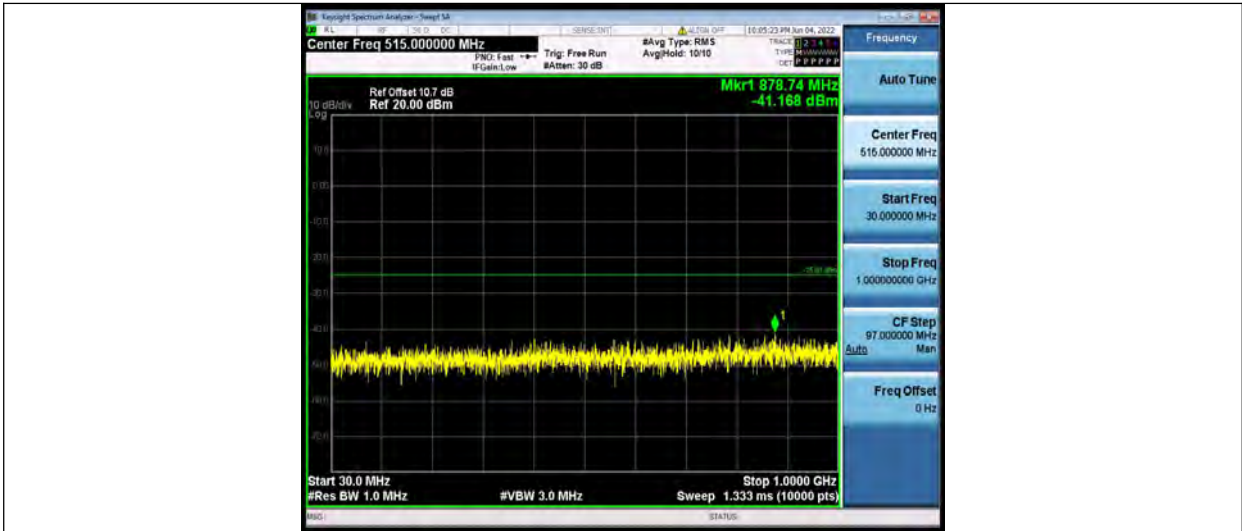
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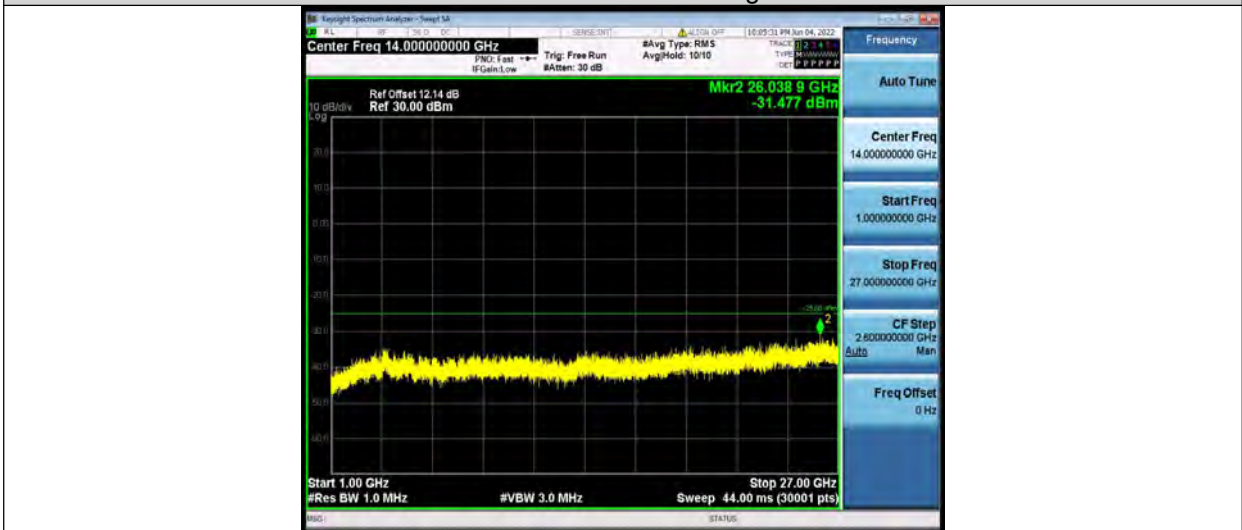
Band7-10MHz-16QAM-20800-1RB#0-Range1:30~1000MHz



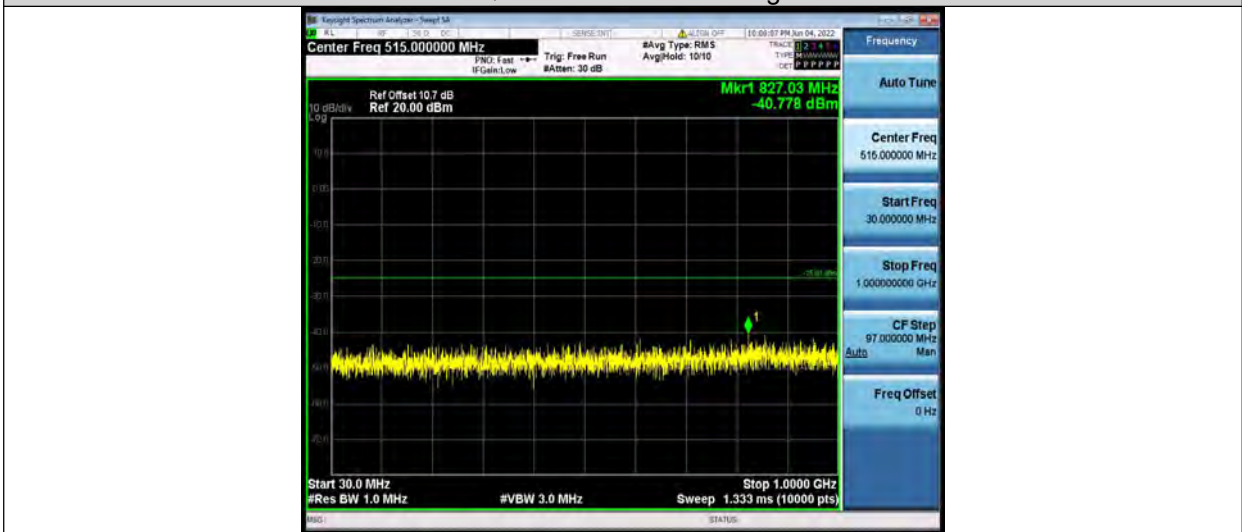
Test Report No.: PSU-NQN2204290110-1RF03



Band7-10MHz-16QAM-20800-1RB#0-Range2:1000~27000MHz



Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

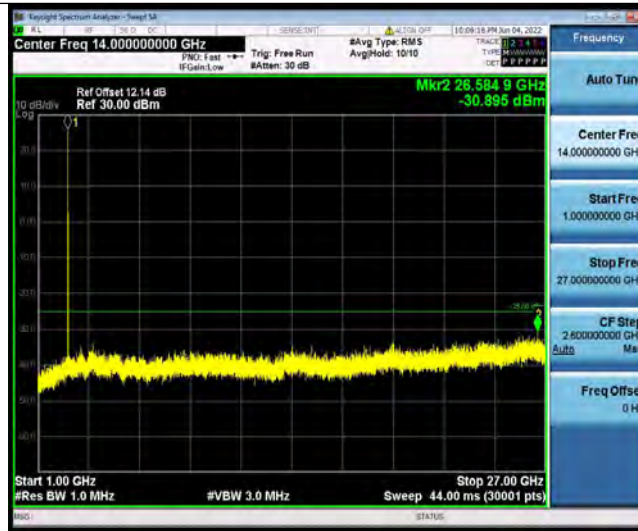


Band7-10MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz

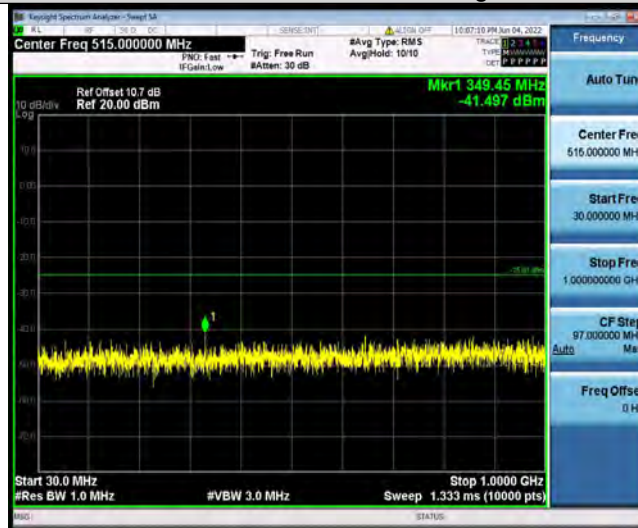


BUREAU VERITAS

Test Report No.: PSU-NQN2204290110-1RF03



Band7-10MHz-16QAM-21400-1RB#0-Range1:30~1000MHz



Band7-10MHz-16QAM-21400-1RB#0-Range2:1000~27000MHz



Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz



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Test Report No.: PSU-NQN2204290110-1RF03



Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~27000MHz



Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-15MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz