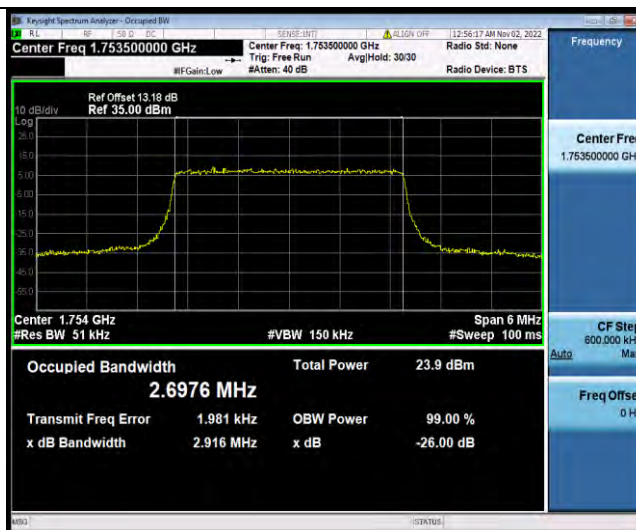
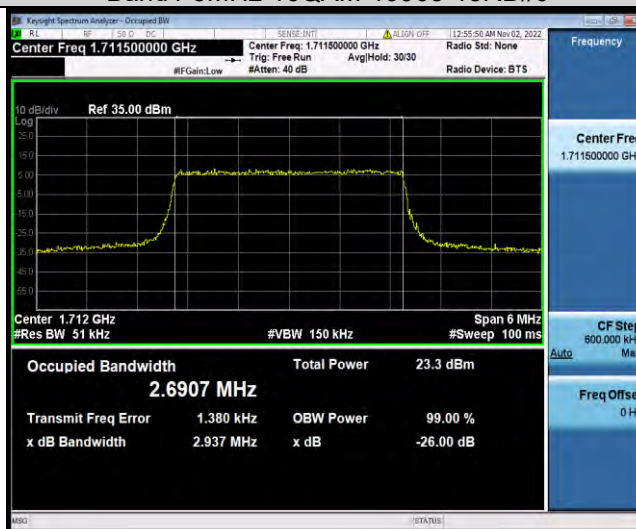
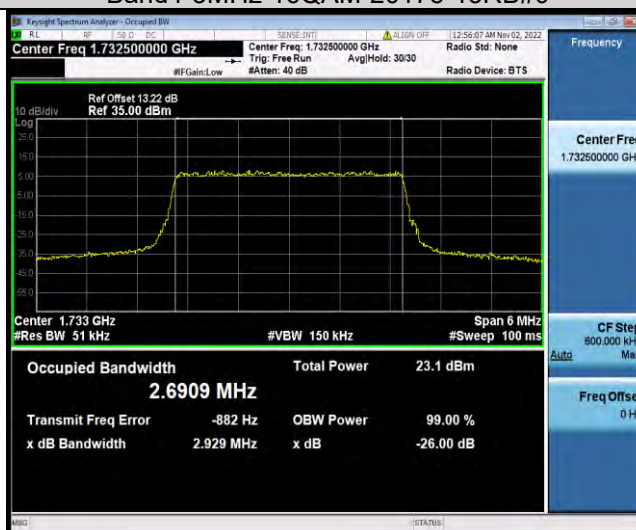




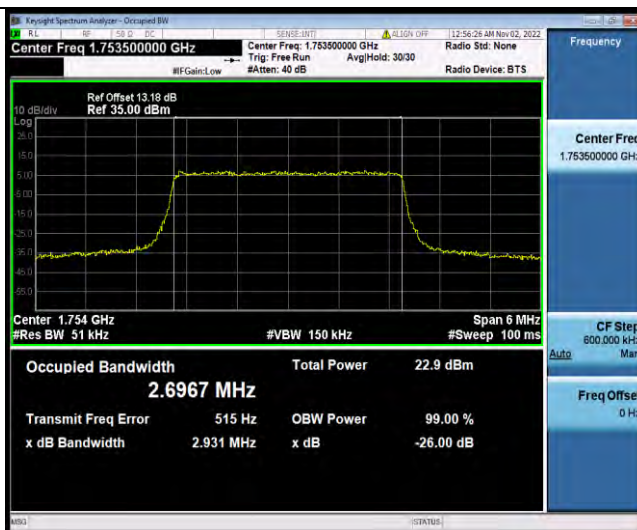
Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20175-15RB#0



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



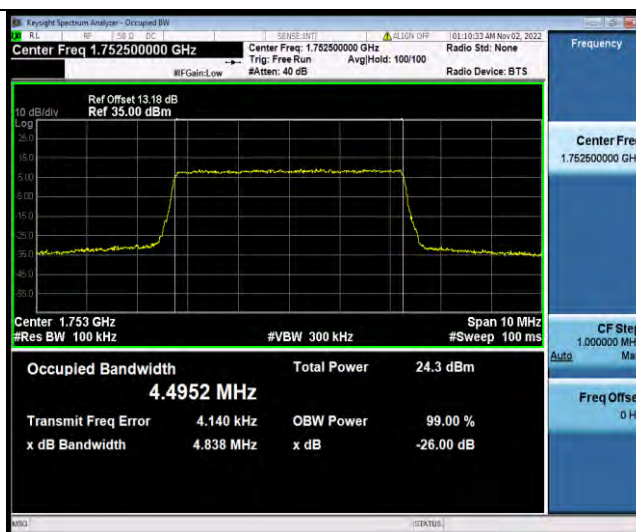
Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20175-25RB#0



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



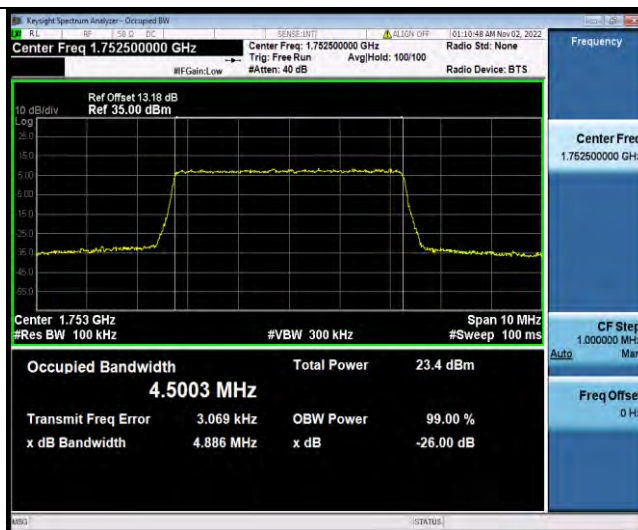
Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20175-25RB#0



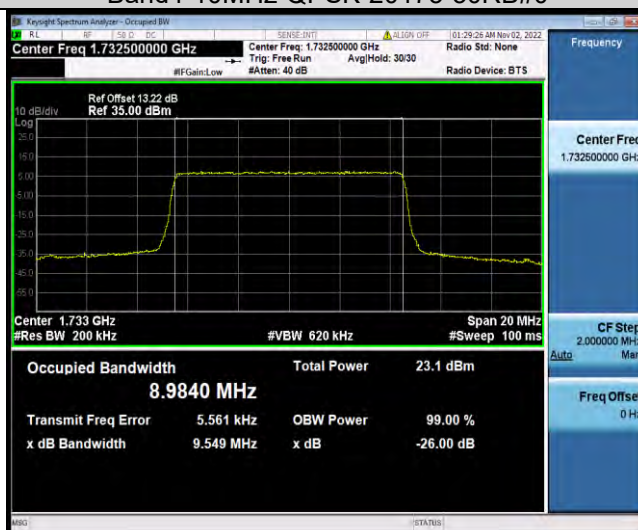
Band4-5MHz-16QAM-20375-25RB#0



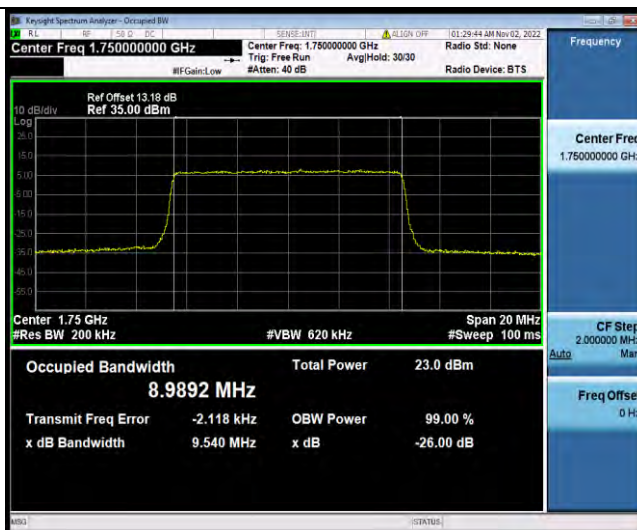
Band4-10MHz-QPSK-20000-50RB#0



Band4-10MHz-QPSK-20175-50RB#0



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



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



Band4-10MHz-16QAM-20175-50RB#0



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

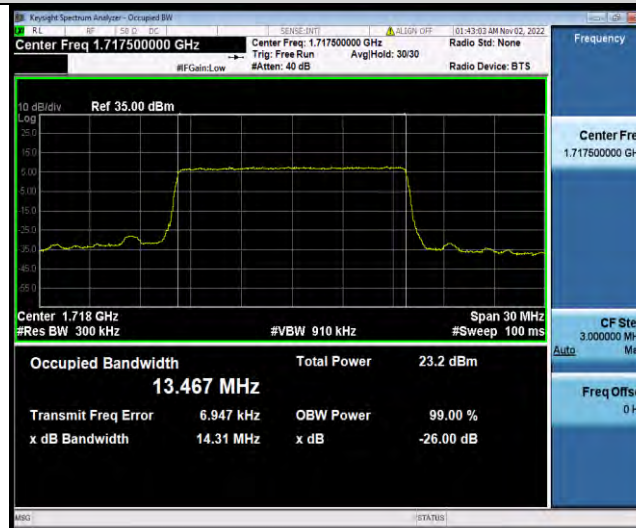


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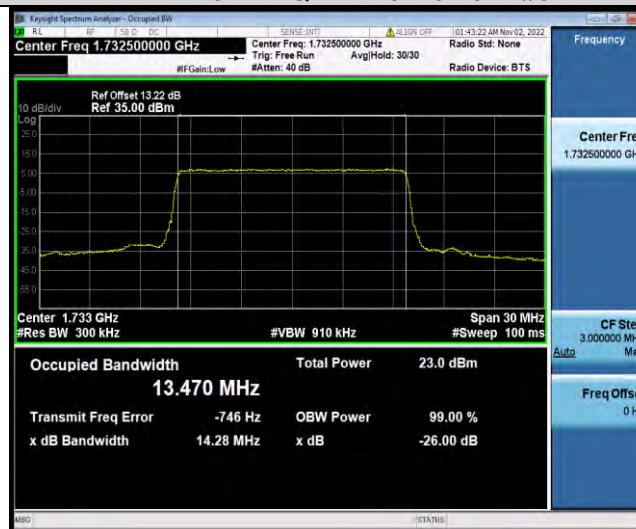
Test Report No.: W7L-221021W001RF03



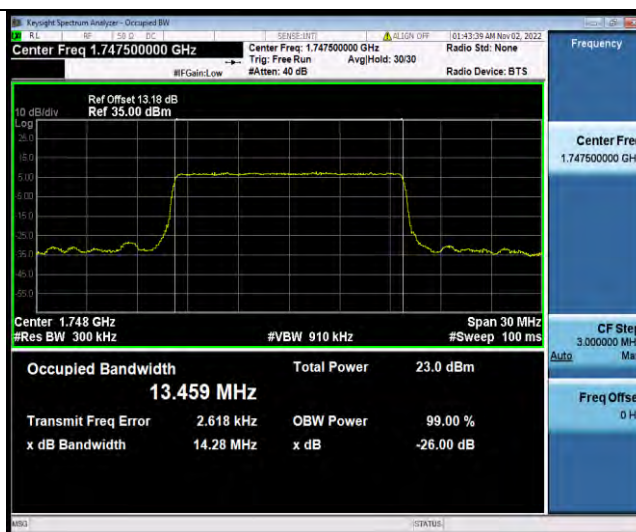
Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20175-75RB#0



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



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



Band4-15MHz-16QAM-20175-75RB#0

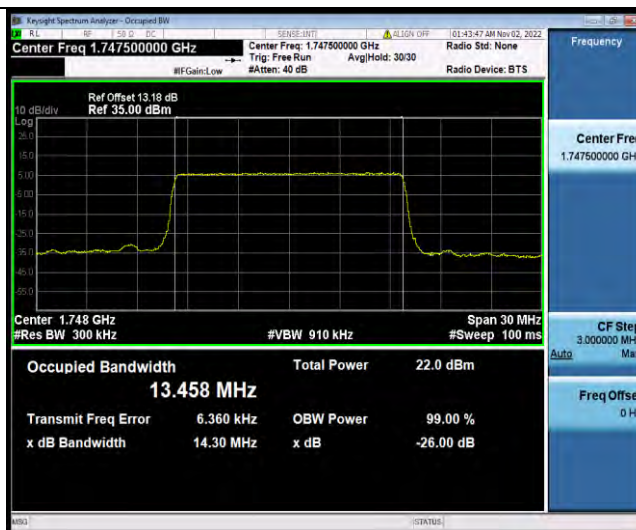


Band4-15MHz-16QAM-20325-75RB#0



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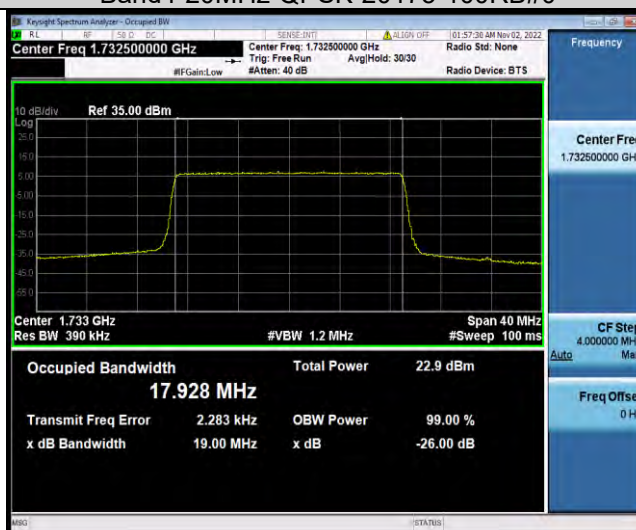
Test Report No.: W7L-221021W001RF03



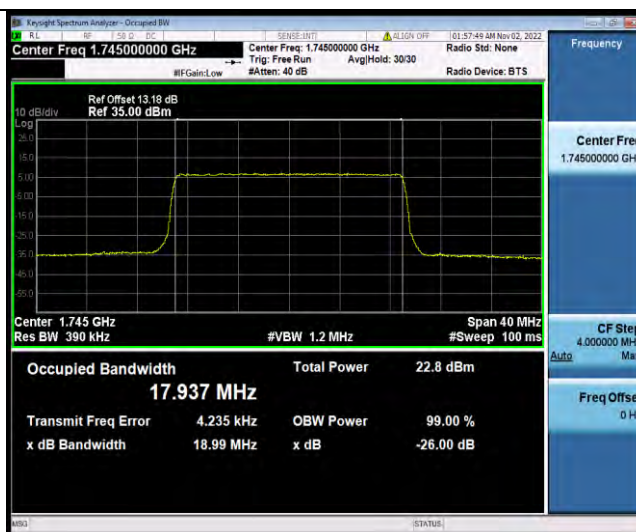
Band4-20MHz-QPSK-20050-100RB#0



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



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



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



Band4-20MHz-16QAM-20175-100RB#0



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



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BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-28.23	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-27.56	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-29.58	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-28.60	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-29.72	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-27.74	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-30.92	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-30.02	PASS
Band4	3MHz	QPSK	19965	1RB#0	-21.96	PASS
Band4	3MHz	QPSK	19965	15RB#0	-23.61	PASS
Band4	3MHz	QPSK	20385	1RB#14	-24.57	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.95	PASS
Band4	3MHz	16QAM	19965	1RB#0	-24.73	PASS
Band4	3MHz	16QAM	19965	15RB#0	-24.99	PASS
Band4	3MHz	16QAM	20385	1RB#14	-26.46	PASS
Band4	3MHz	16QAM	20385	15RB#0	-26.19	PASS
Band4	5MHz	QPSK	19975	1RB#0	-30.27	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.01	PASS
Band4	5MHz	QPSK	20375	1RB#24	-31.14	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.55	PASS
Band4	5MHz	16QAM	19975	1RB#0	-30.88	PASS
Band4	5MHz	16QAM	19975	25RB#0	-27.26	PASS
Band4	5MHz	16QAM	20375	1RB#24	-32.19	PASS
Band4	5MHz	16QAM	20375	25RB#0	-27.93	PASS
Band4	10MHz	QPSK	20000	1RB#0	-43.57	PASS
Band4	10MHz	QPSK	20000	50RB#0	-28.64	PASS
Band4	10MHz	QPSK	20350	1RB#49	-45.64	PASS
Band4	10MHz	QPSK	20350	50RB#0	-29.52	PASS
Band4	10MHz	16QAM	20000	1RB#0	-43.43	PASS
Band4	10MHz	16QAM	20000	50RB#0	-30.61	PASS
Band4	10MHz	16QAM	20350	1RB#49	-44.47	PASS
Band4	10MHz	16QAM	20350	50RB#0	-30.84	PASS
Band4	15MHz	QPSK	20025	1RB#0	-44.16	PASS
Band4	15MHz	QPSK	20025	75RB#0	-28.94	PASS
Band4	15MHz	QPSK	20325	1RB#74	-43.99	PASS
Band4	15MHz	QPSK	20325	75RB#0	-28.26	PASS
Band4	15MHz	16QAM	20025	1RB#0	-44.04	PASS
Band4	15MHz	16QAM	20025	75RB#0	-31.08	PASS
Band4	15MHz	16QAM	20325	1RB#74	-44.97	PASS
Band4	15MHz	16QAM	20325	75RB#0	-31.50	PASS
Band4	20MHz	QPSK	20050	1RB#0	-46.67	PASS
Band4	20MHz	QPSK	20050	100RB#0	-30.35	PASS
Band4	20MHz	QPSK	20300	1RB#99	-46.81	PASS
Band4	20MHz	QPSK	20300	100RB#0	-31.42	PASS

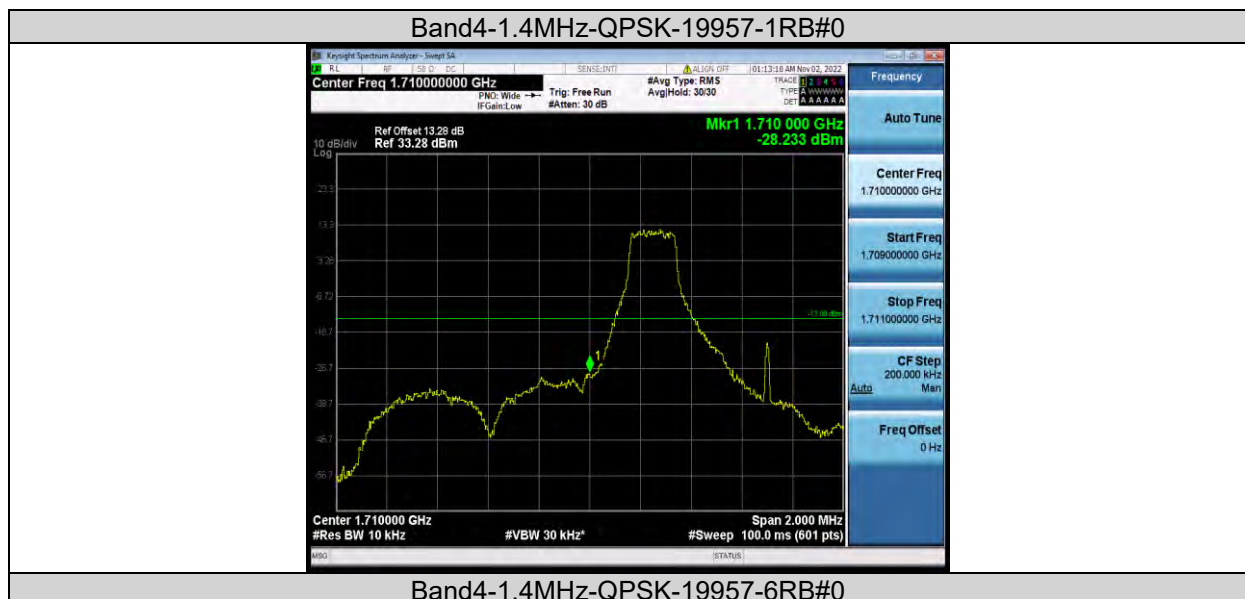


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Band4	20MHz	16QAM	20050	1RB#0	-46.53	PASS
Band4	20MHz	16QAM	20050	100RB#0	-31.68	PASS
Band4	20MHz	16QAM	20300	1RB#99	-47.19	PASS
Band4	20MHz	16QAM	20300	100RB#0	-33.20	PASS

Test Graphs





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



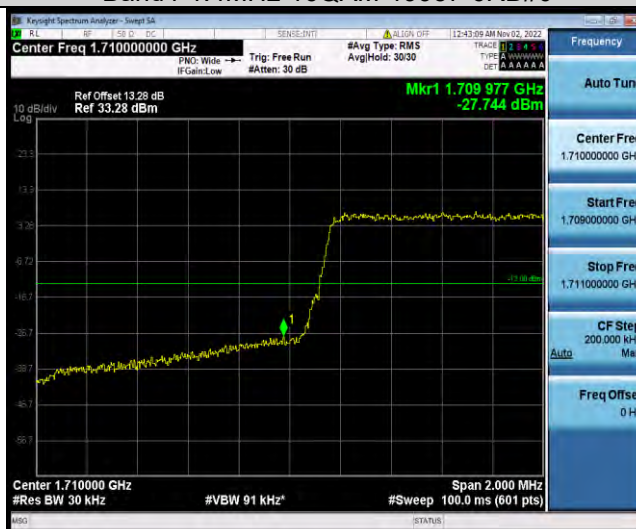
Band4-1.4MHz-QPSK-20393-6RB#0



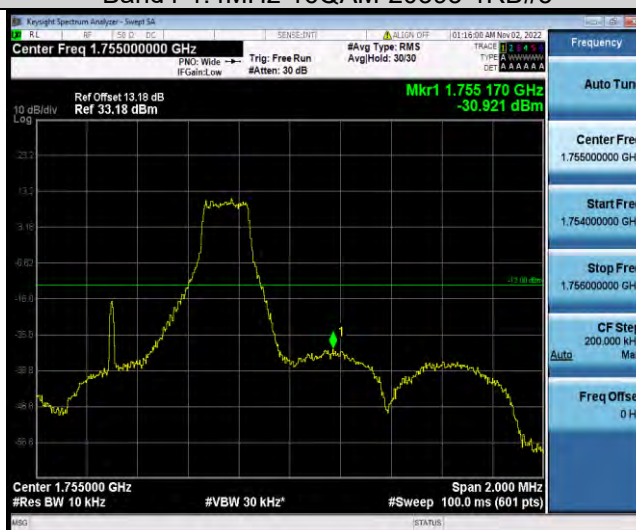
Band4-1.4MHz-16QAM-19957-1RB#0



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



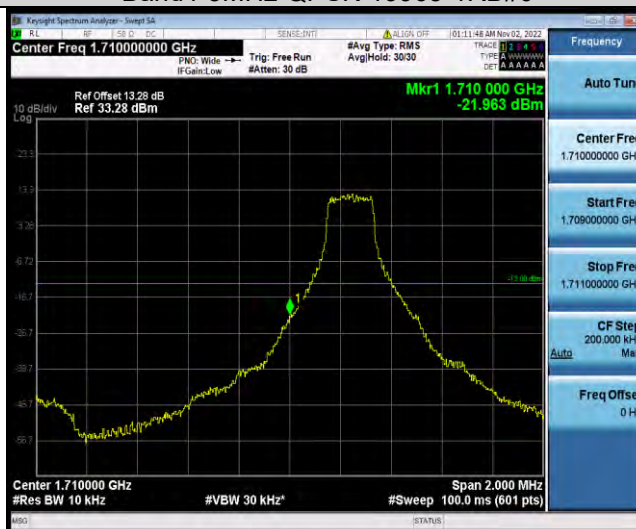
Band4-1.4MHz-16QAM-20393-1RB#5



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



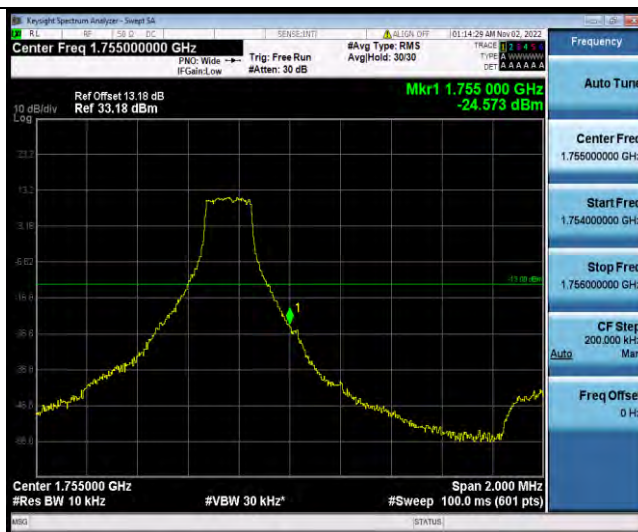
Band4-3MHz-QPSK-19965-1RB#0



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



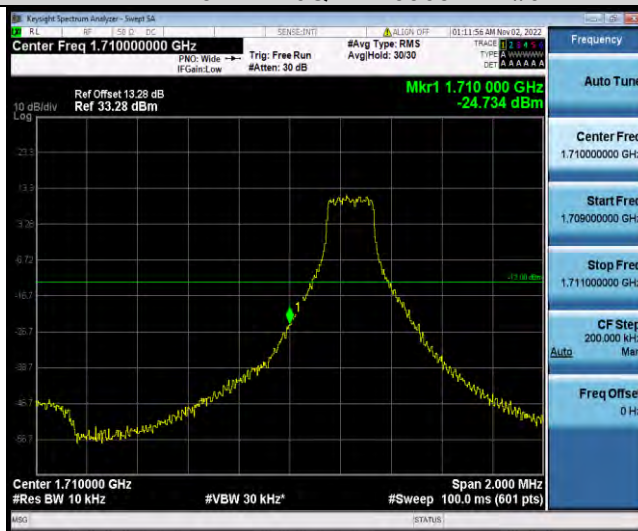
Band4-3MHz-QPSK-20385-1RB#14



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



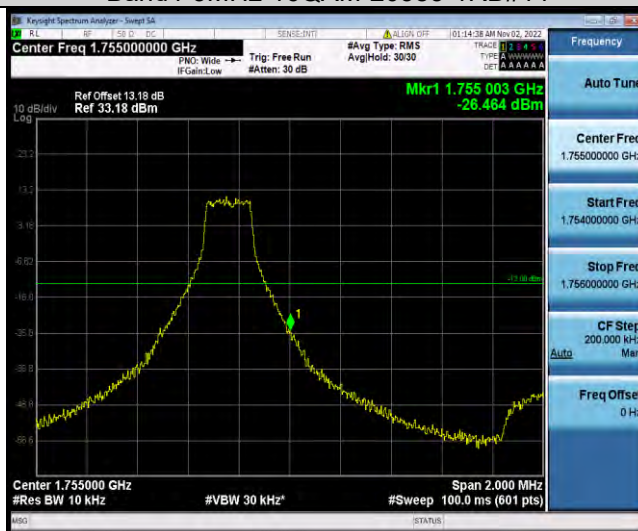
Band4-3MHz-16QAM-19965-1RB#0



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



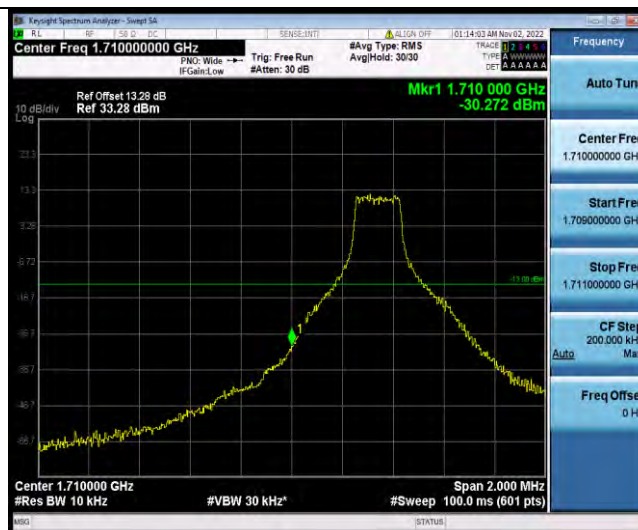
Band4-3MHz-16QAM-20385-1RB#14



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



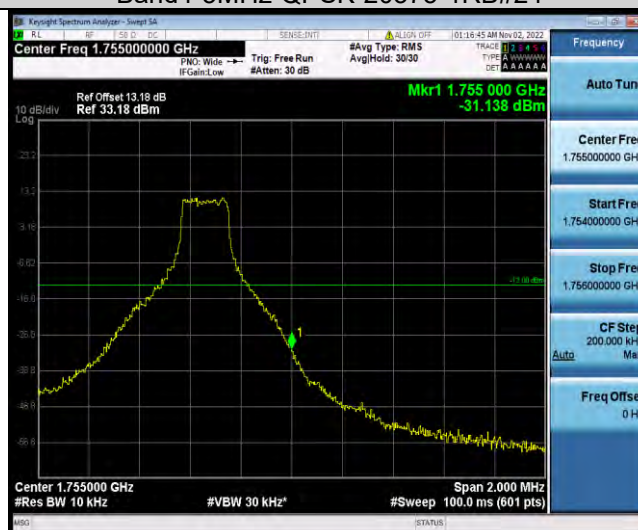
Band4-5MHz-QPSK-19975-1RB#0



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



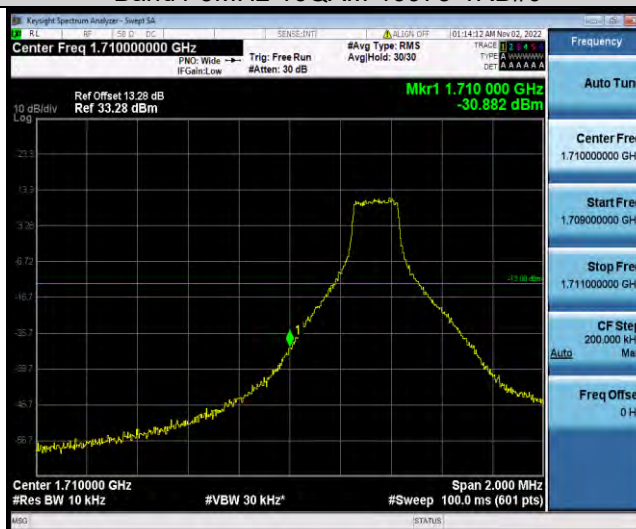
Band4-5MHz-QPSK-20375-1RB#24



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



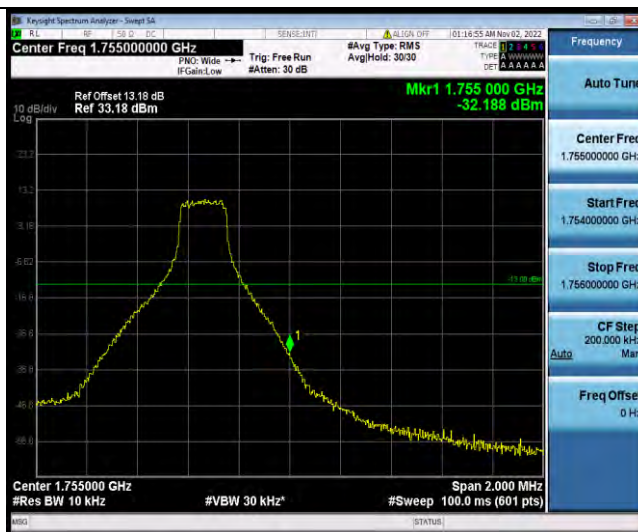
Band4-5MHz-16QAM-19975-1RB#0



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



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



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



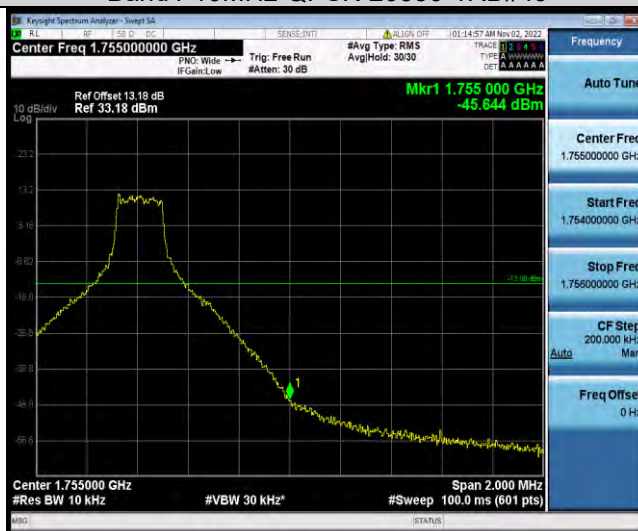
Band4-10MHz-QPSK-20000-1RB#0



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



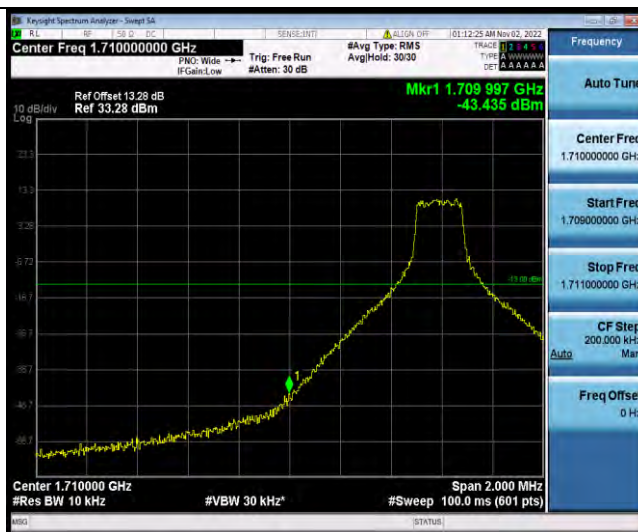
Band4-10MHz-QPSK-20350-1RB#49



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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

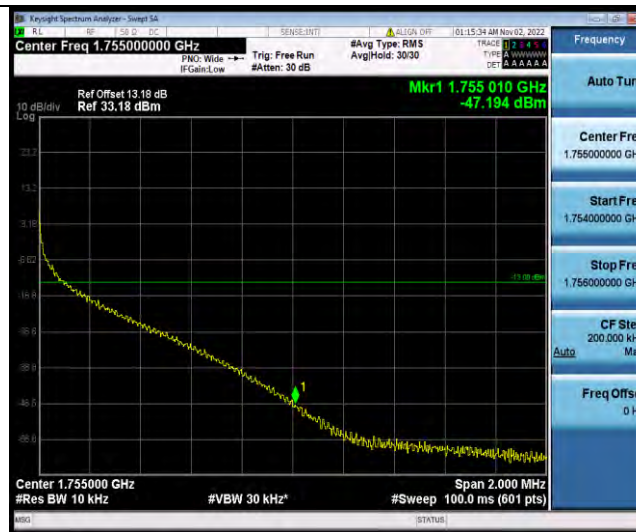


Band4-20MHz-16QAM-20300-1RB#99



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Test Report No.: W7L-221021W001RF03



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



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Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-31.76	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-33.6	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-30.25	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.96	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-31.05	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-33.52	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-31.15	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-32.9	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-32.22	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-33.95	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-31.7	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-33.32	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-31.24	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~20000MHz	-34.09	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-30.83	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.39	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-31.07	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~20000MHz	-33.5	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-31.65	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~20000MHz	-34.23	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.46	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-33.65	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-31.05	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~20000MHz	-33.06	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-30.92	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~20000MHz	-34.08	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-30.89	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.62	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-30.13	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~20000MHz	-34.45	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-30.04	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~20000MHz	-33.41	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.33	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-33.44	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-31.53	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~20000MHz	-33.46	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-31.36	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~20000MHz	-31.92	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-31.38	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.63	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-30.94	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~20000MHz	-34.04	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-31.22	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~20000MHz	-33.2	PASS

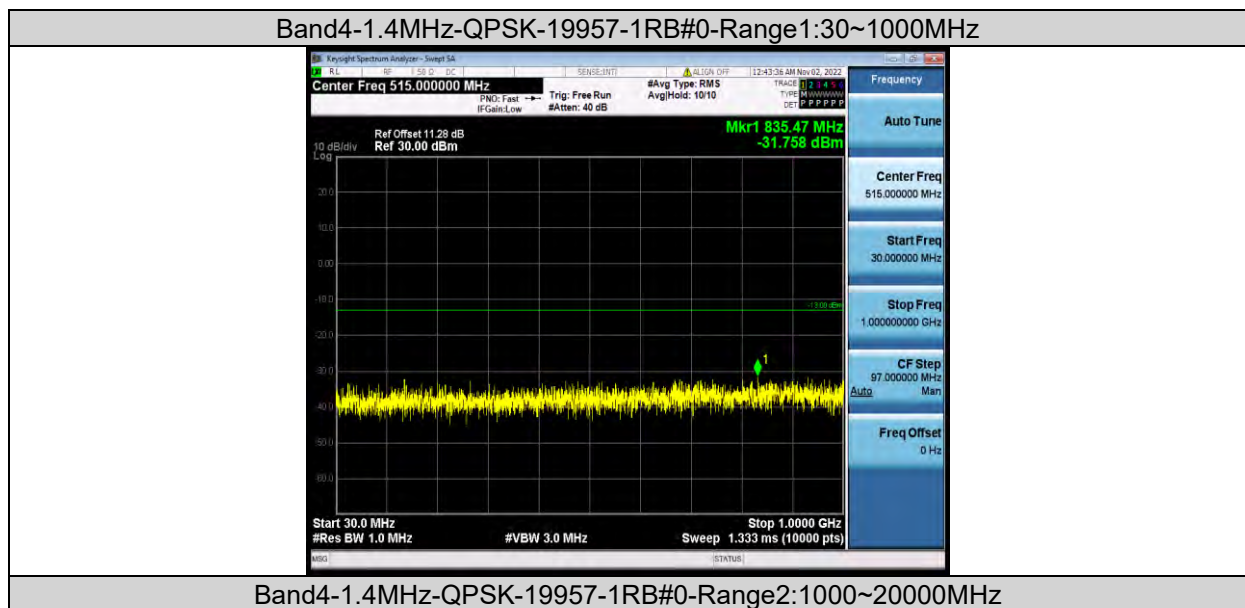


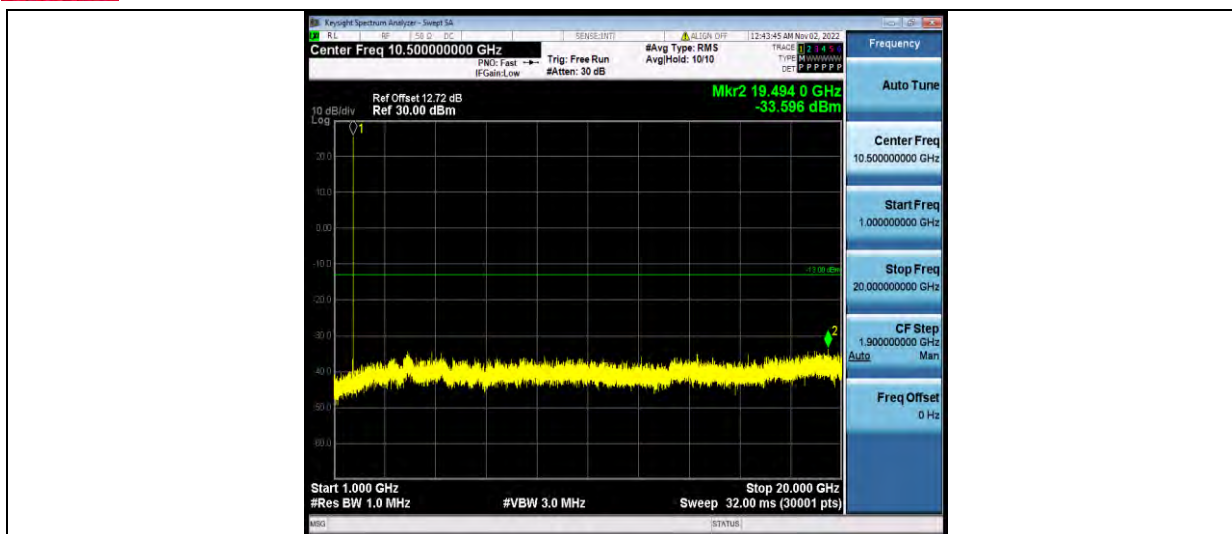
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Test Report No.: W7L-221021W001RF03

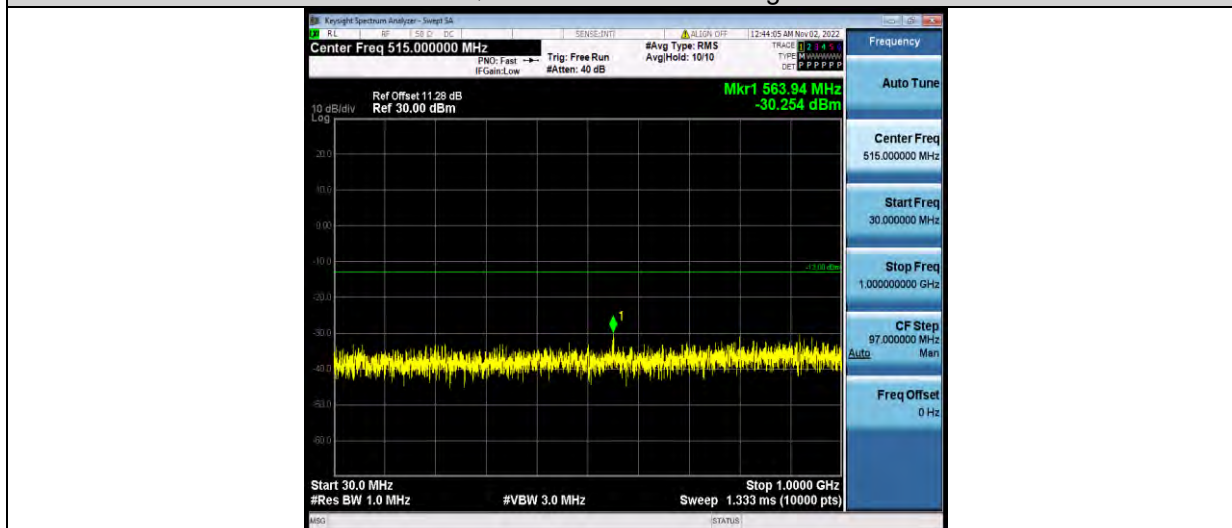
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.64	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.14	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-30.91	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~20000MHz	-33.84	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-31.02	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~20000MHz	-32.77	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-30.36	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-33.98	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-30.86	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~20000MHz	-33.98	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-30.95	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~20000MHz	-33.5	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.26	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-33.95	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-30.64	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~20000MHz	-32.66	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-30.35	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-33.77	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-30.35	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-34.47	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-31.25	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-34.51	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-31.28	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-33.75	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-31.63	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-34.47	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-31.15	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-33.67	PASS

Test Graphs

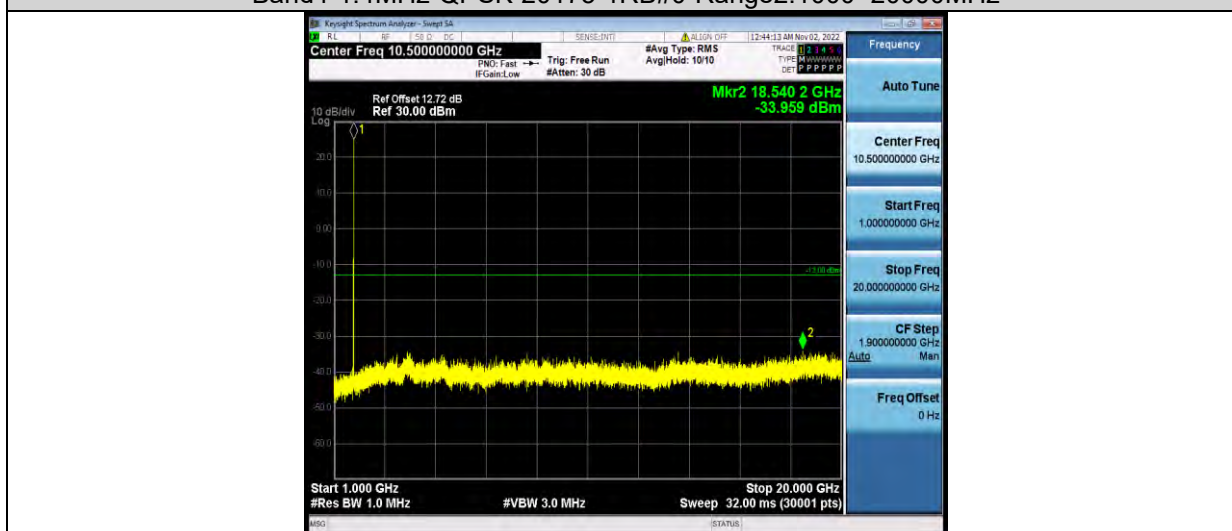




Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



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

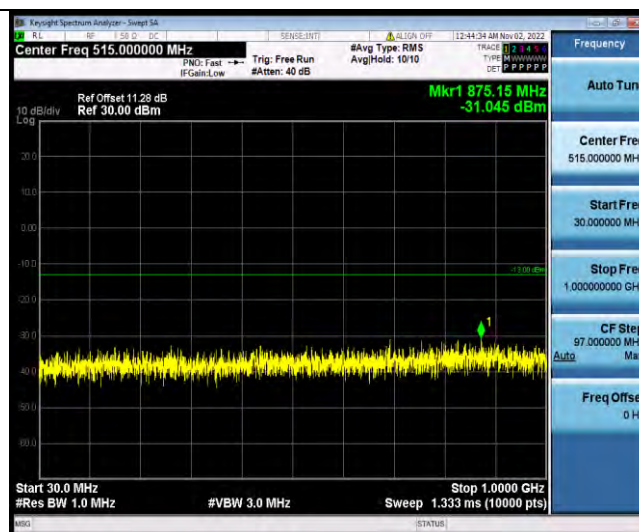


Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz

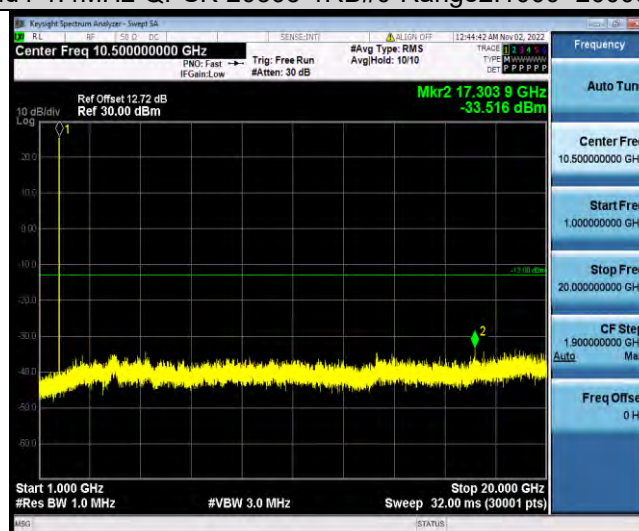


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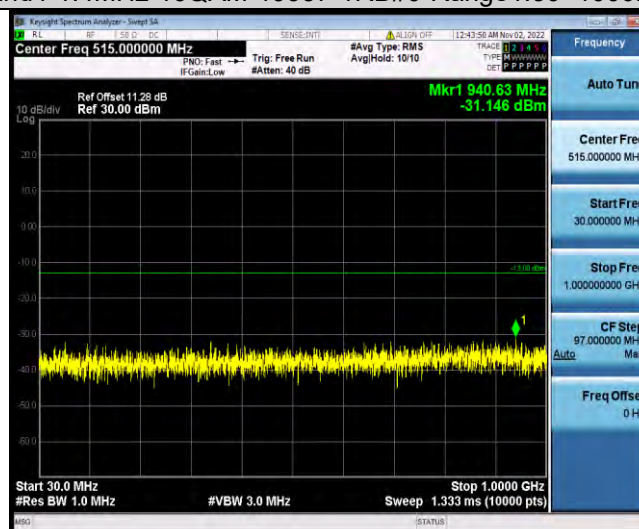
Test Report No.: W7L-221021W001RF03



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



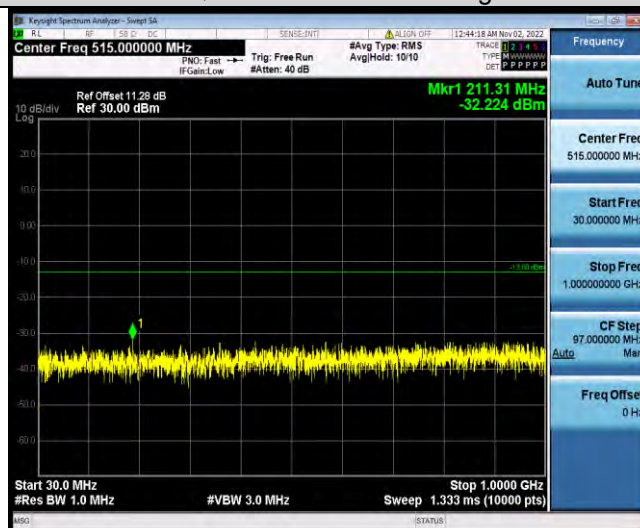
Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz



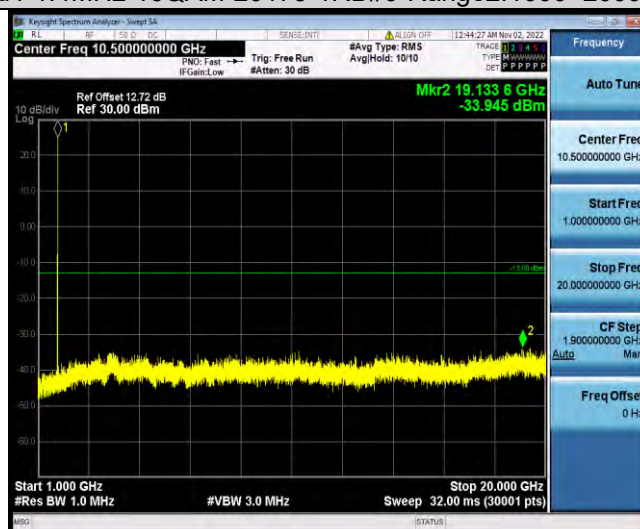
Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~20000MHz



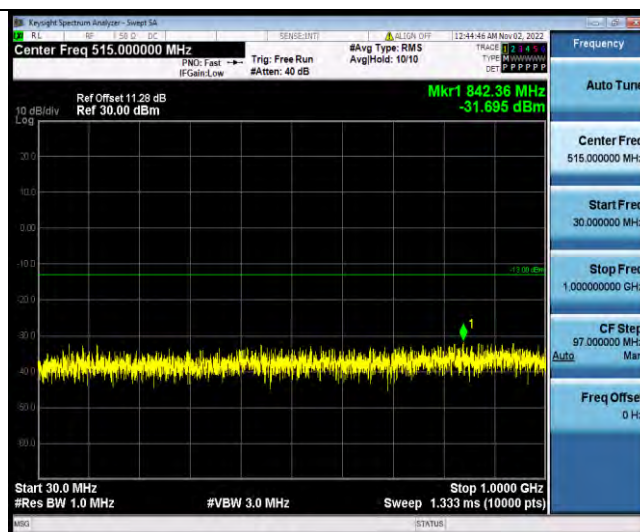
Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



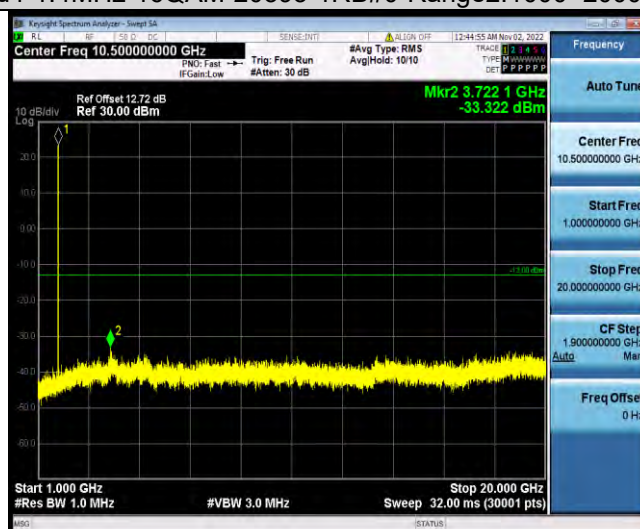
Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



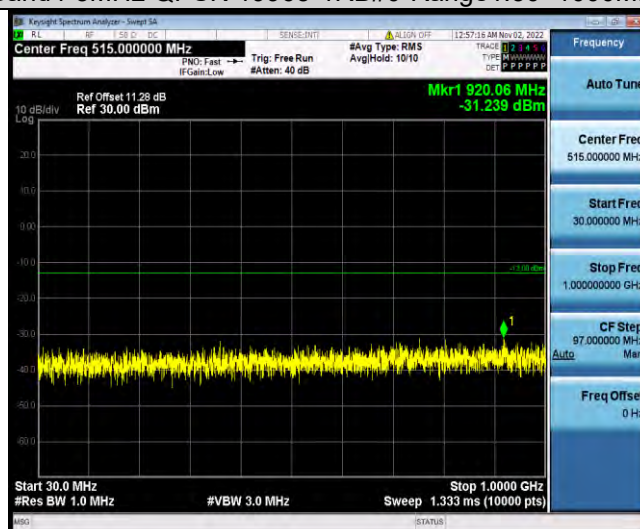
Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz



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



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



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

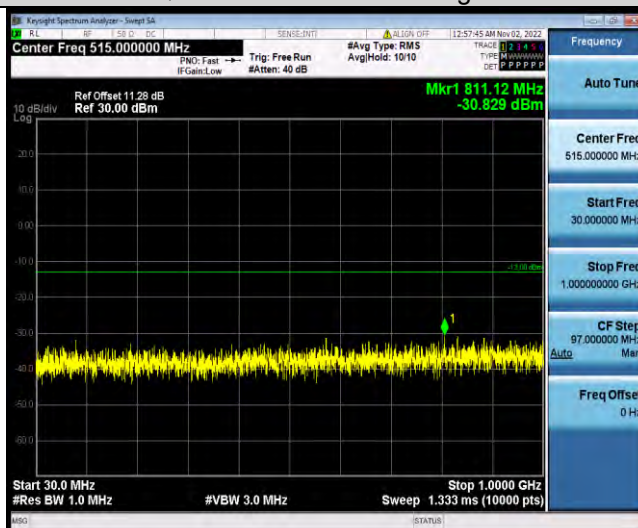


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Test Report No.: W7L-221021W001RF03



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



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

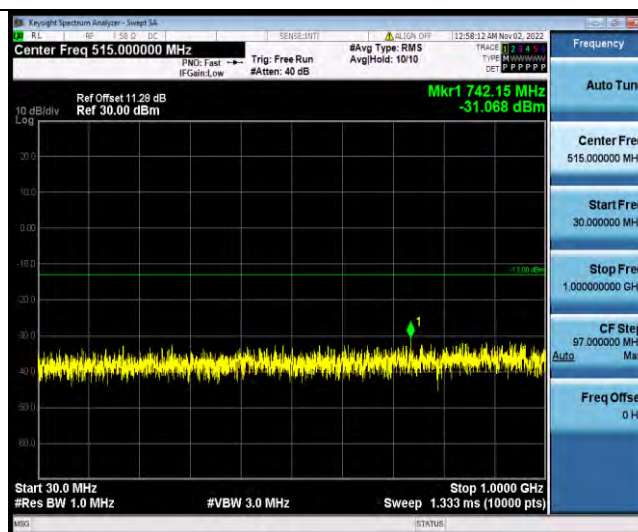


Band4-3MHz-QPSK-20385-1RB#0-Range1:30~1000MHz

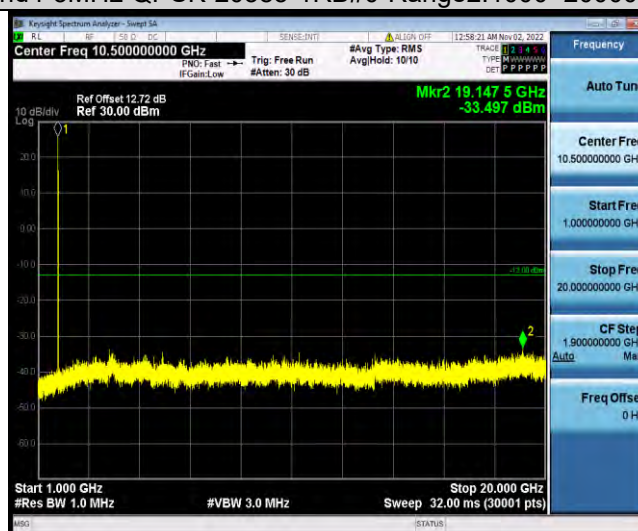


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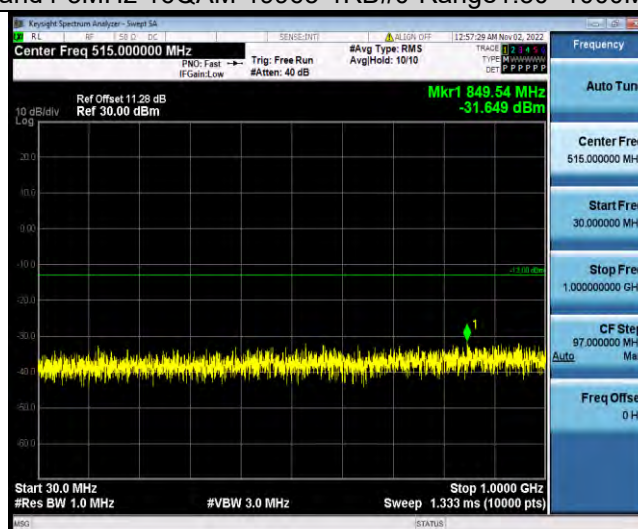
Test Report No.: W7L-221021W001RF03



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



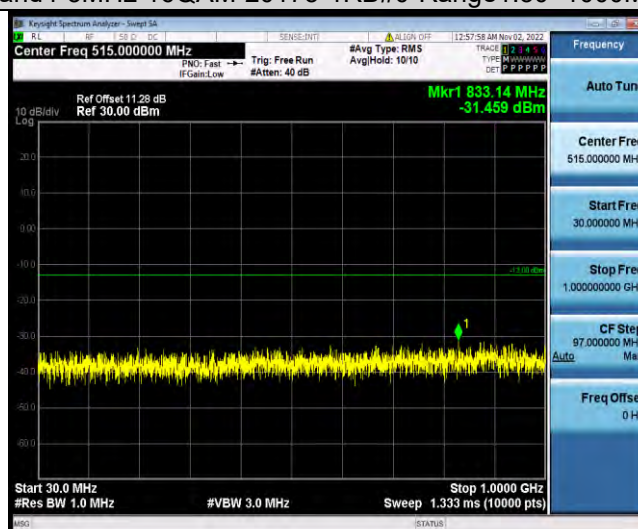
Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz



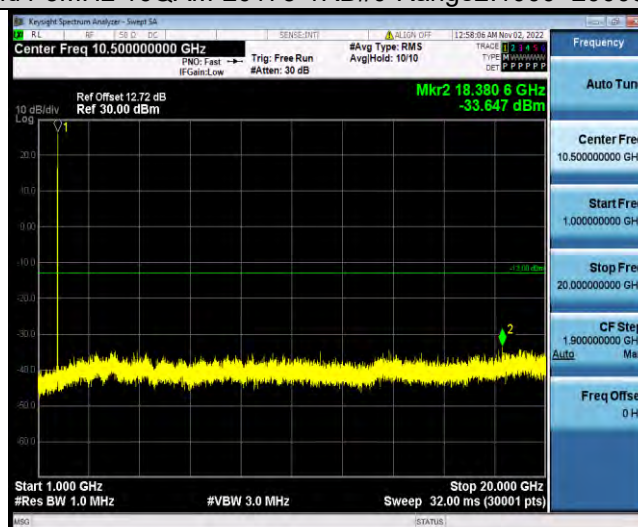
Band4-3MHz-16QAM-19965-1RB#0-Range2:1000~20000MHz



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



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

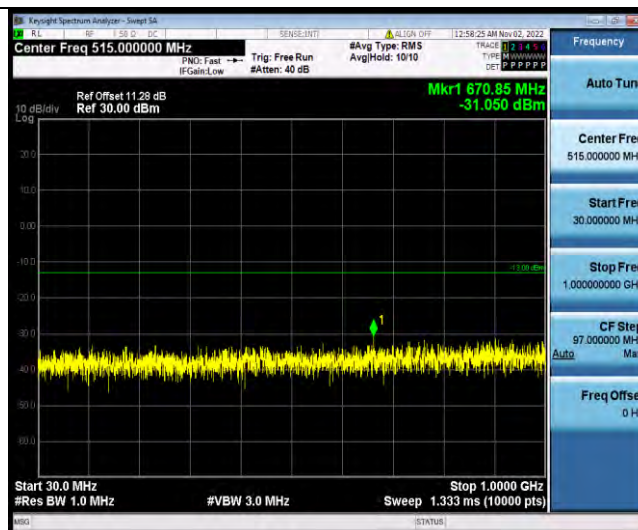


Band4-3MHz-16QAM-20385-1RB#0-Range1:30~1000MHz

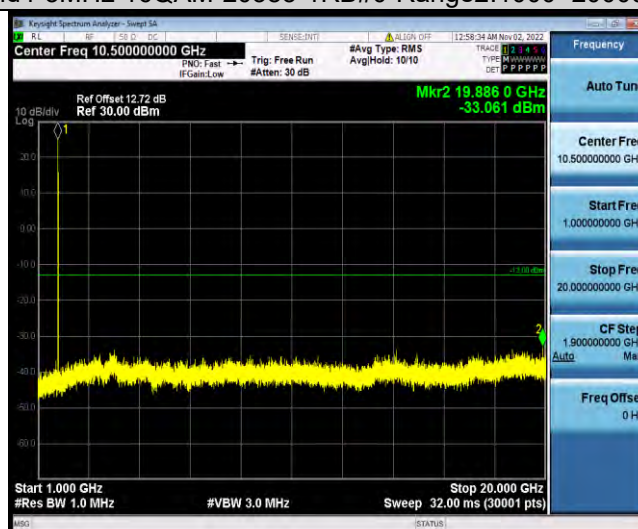


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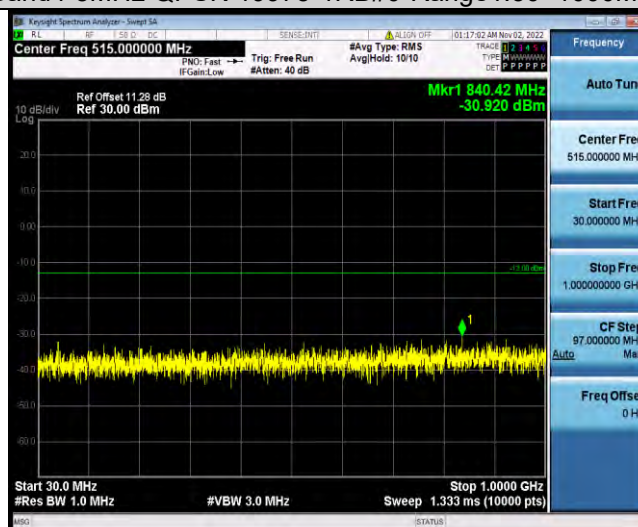
Test Report No.: W7L-221021W001RF03



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



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

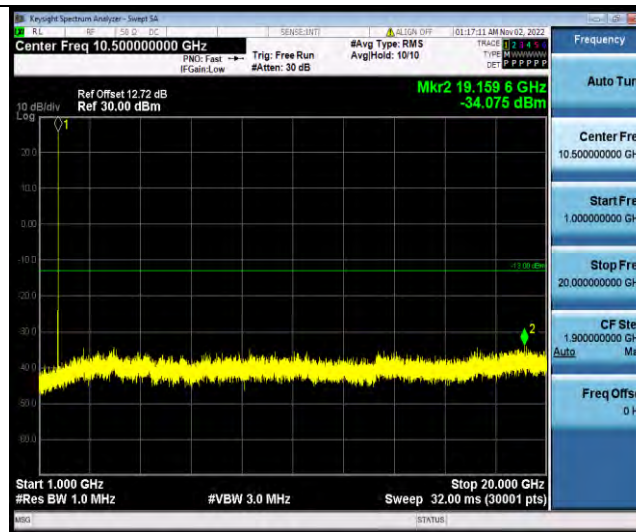


Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~20000MHz

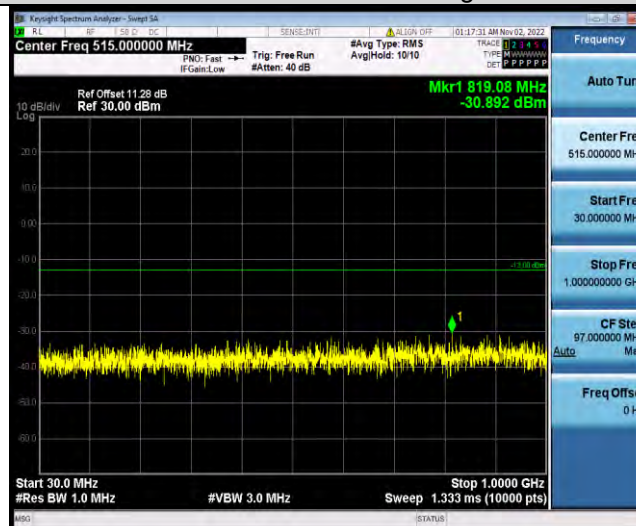


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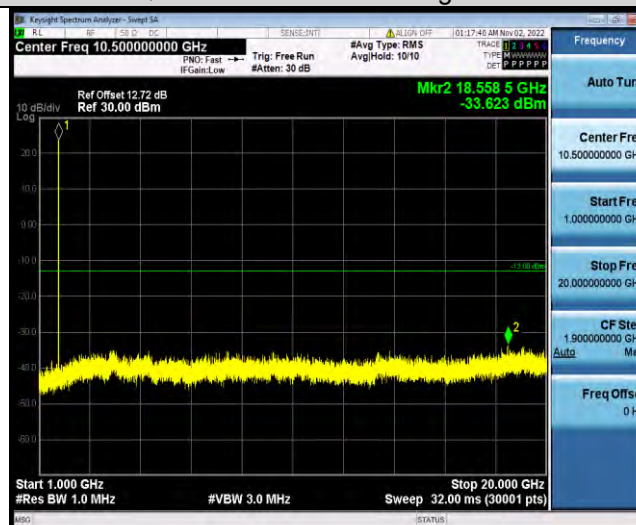
Test Report No.: W7L-221021W001RF03



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



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

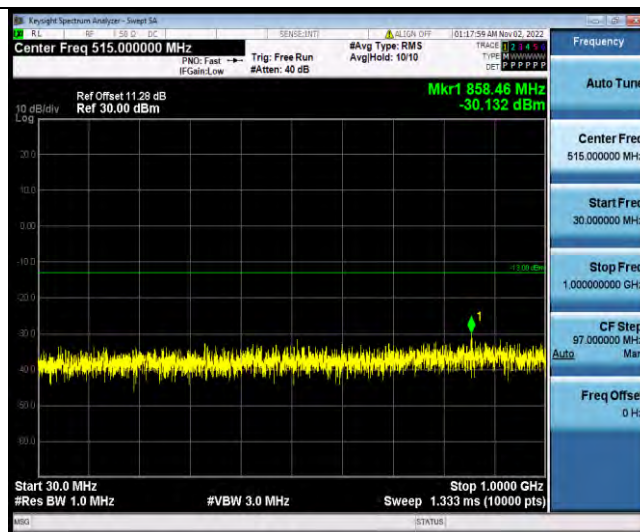


Band4-5MHz-QPSK-20375-1RB#0-Range1:30~1000MHz



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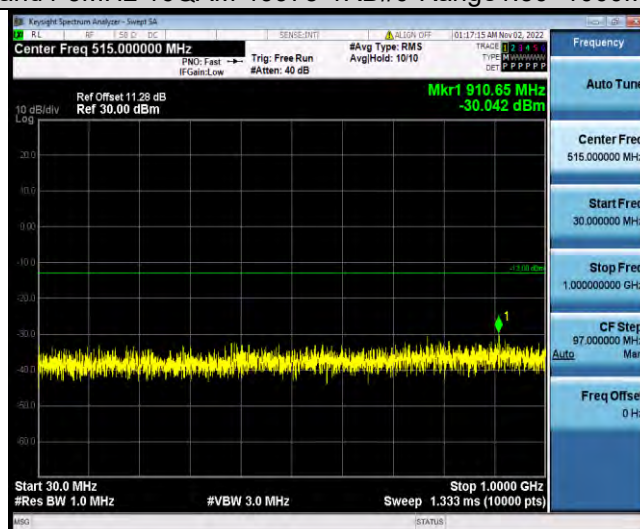
Test Report No.: W7L-221021W001RF03



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



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



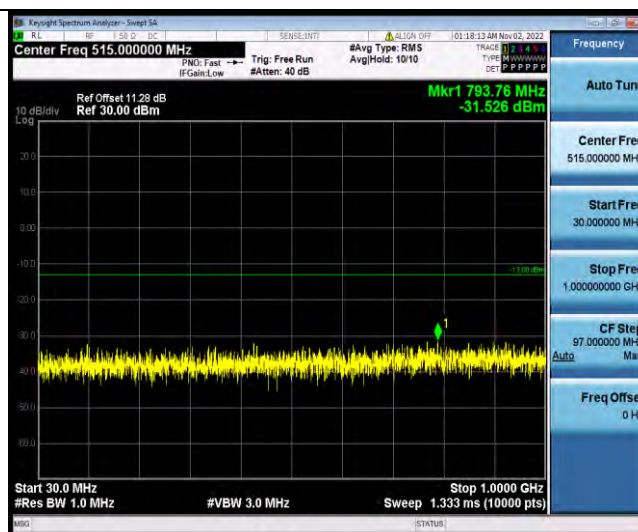
Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~20000MHz



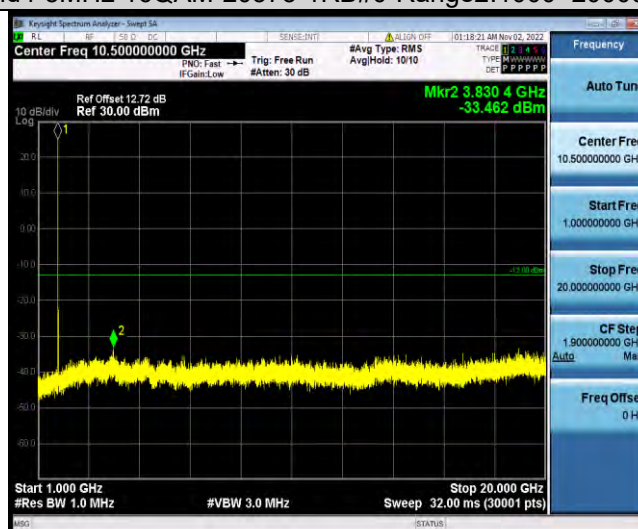


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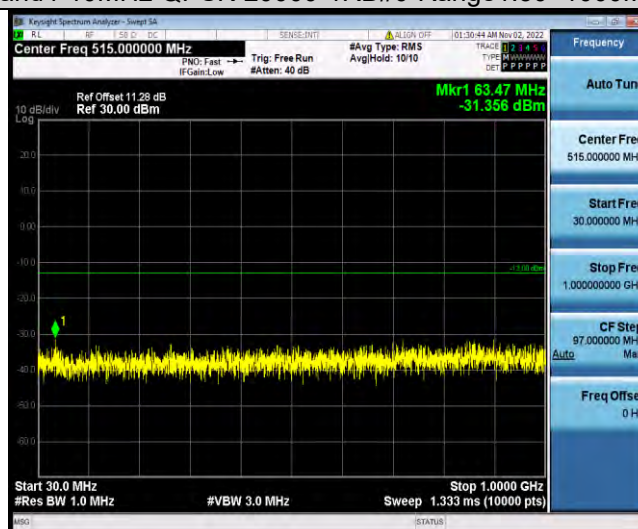
Test Report No.: W7L-221021W001RF03



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



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

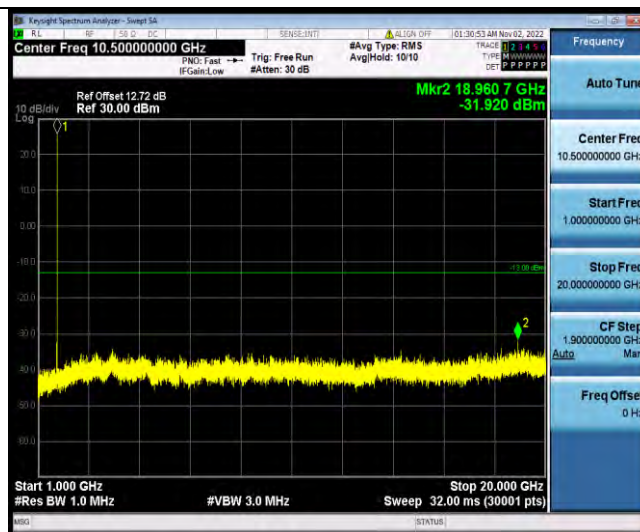


Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~20000MHz

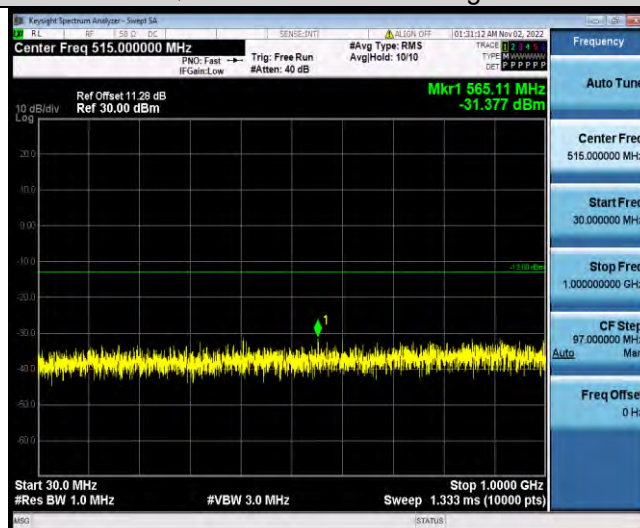


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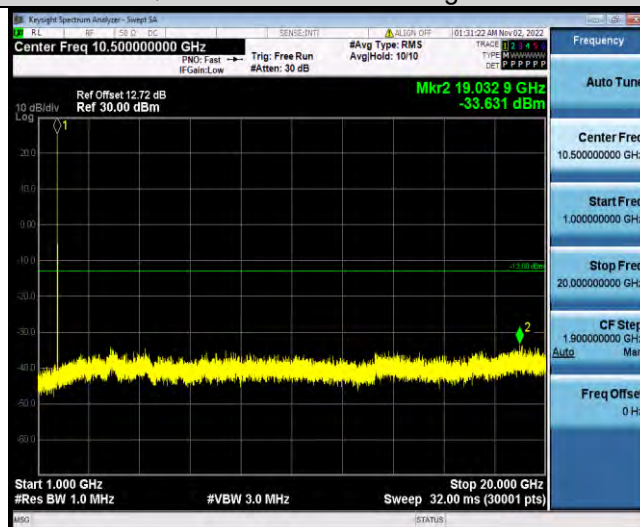
Test Report No.: W7L-221021W001RF03



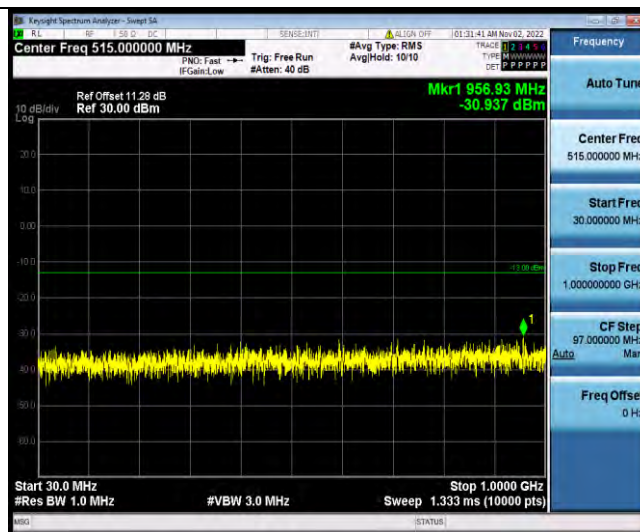
Band4-10MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



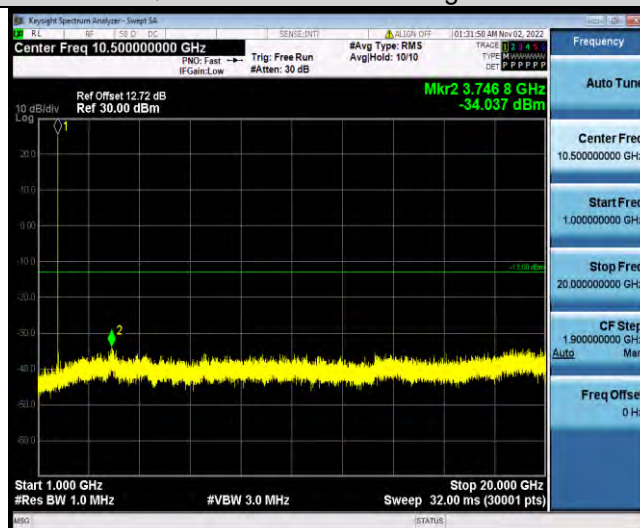
Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



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

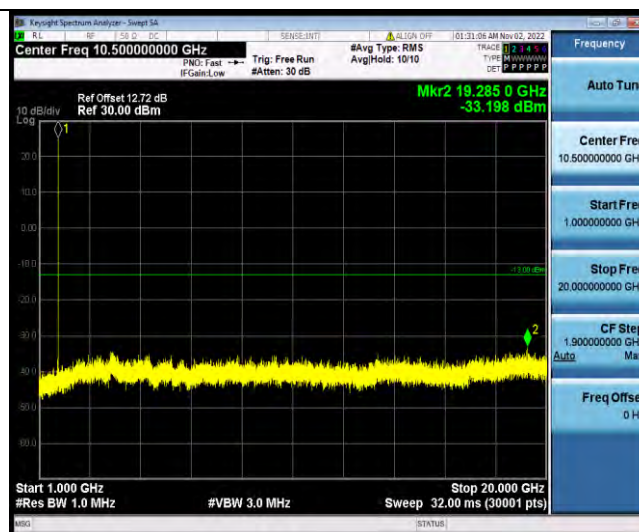


Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~20000MHz

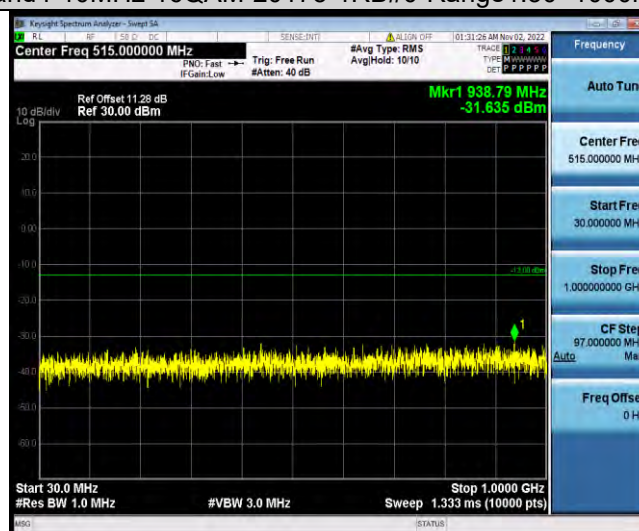


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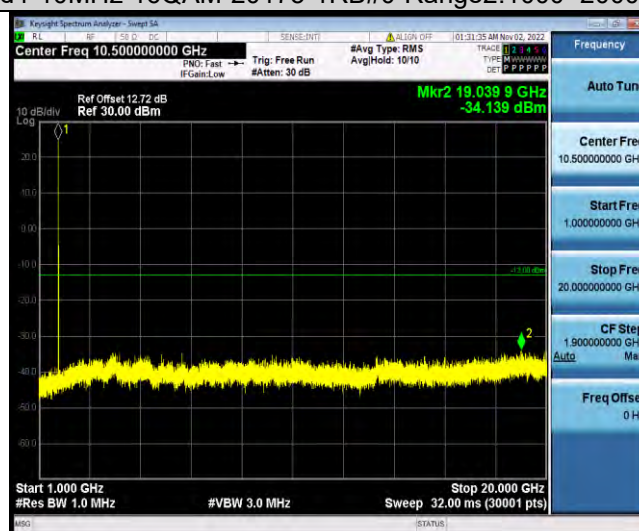
Test Report No.: W7L-221021W001RF03



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



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

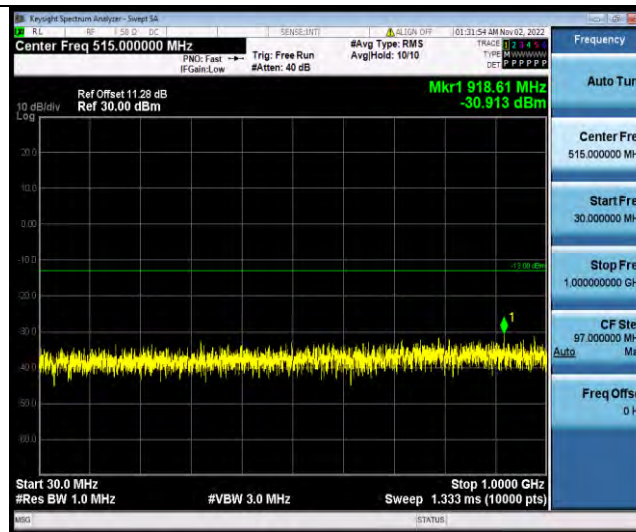


Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz



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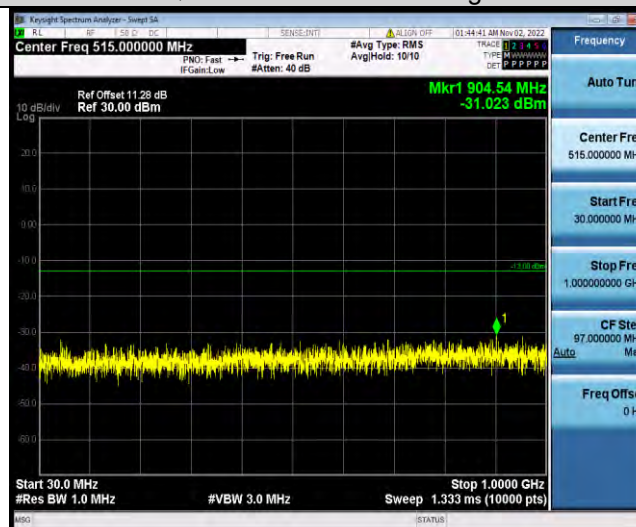
Test Report No.: W7L-221021W001RF03



Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~20000MHz



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

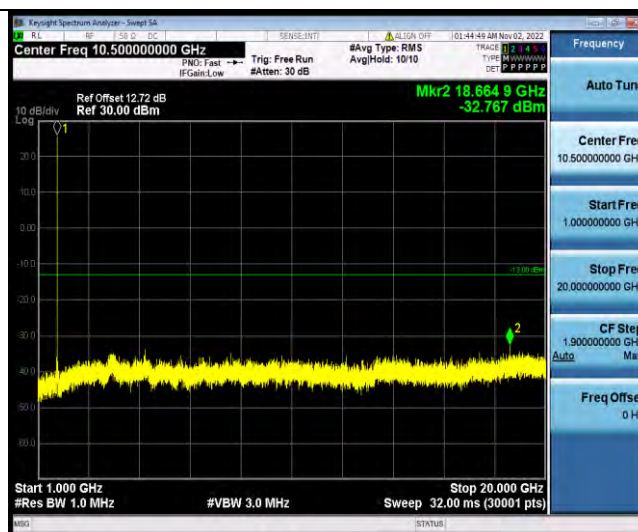


Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~20000MHz

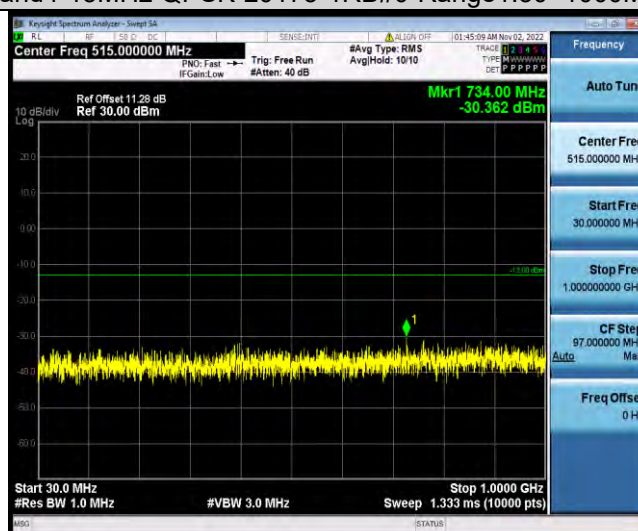


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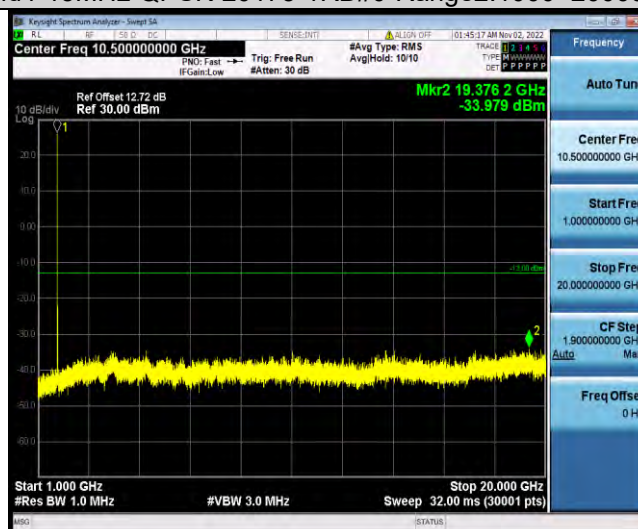
Test Report No.: W7L-221021W001RF03



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



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

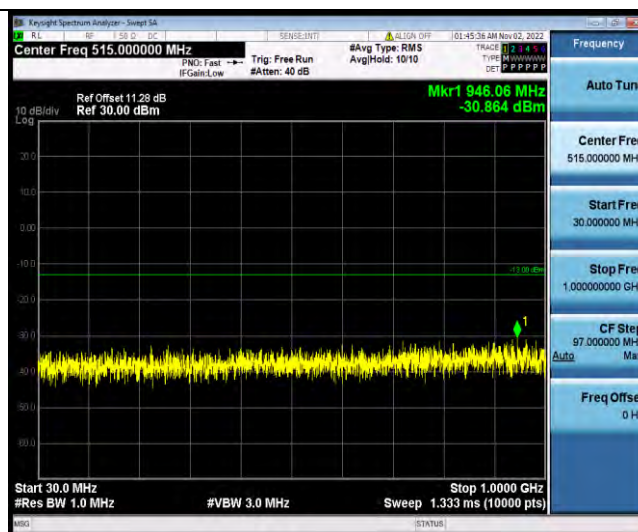


Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz

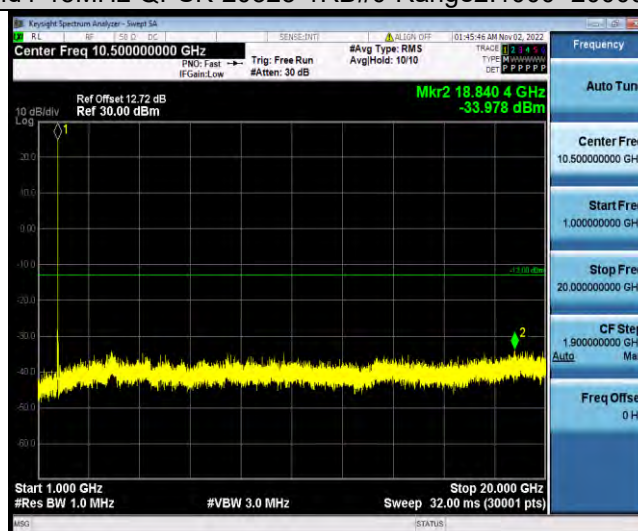


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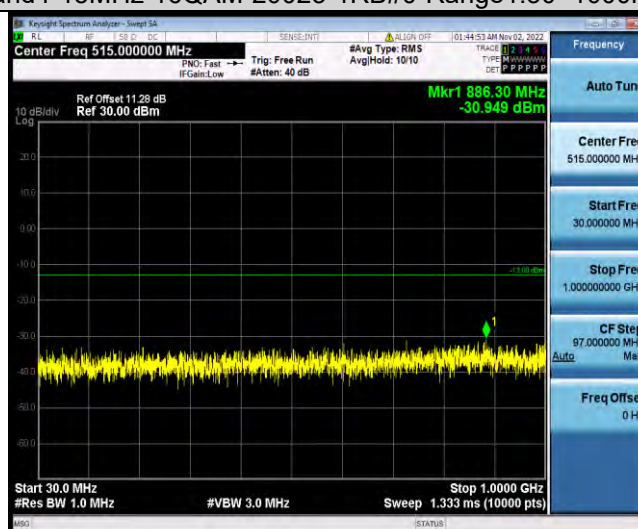
Test Report No.: W7L-221021W001RF03



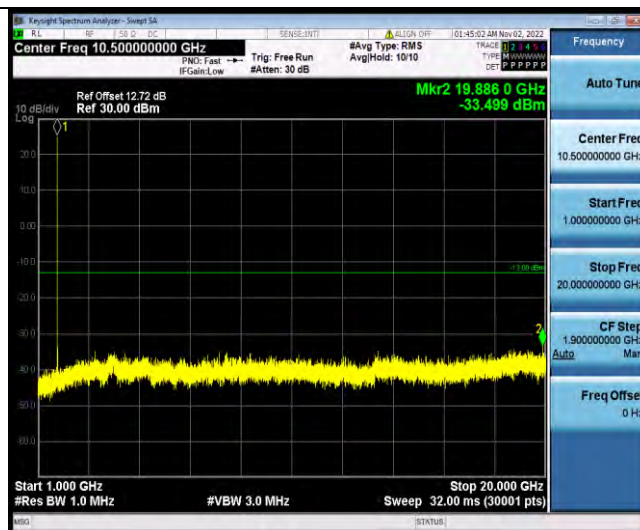
Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~20000MHz



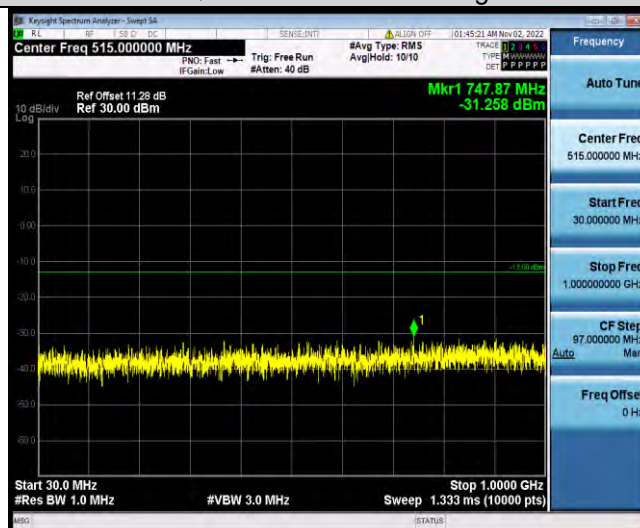
Band4-15MHz-16QAM-20025-1RB#0-Range1:30~1000MHz



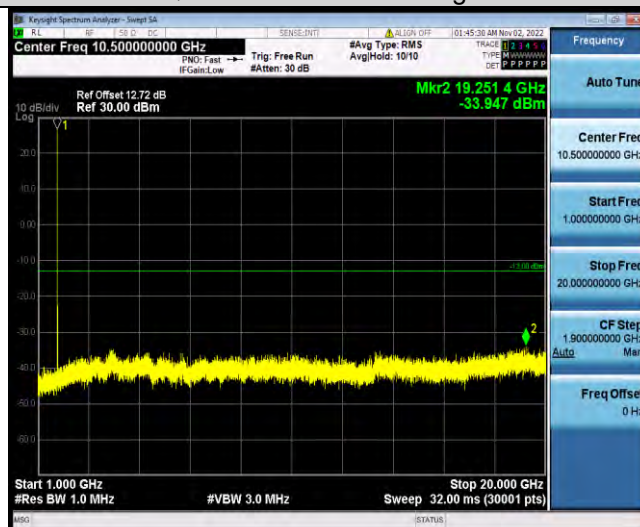
Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~20000MHz



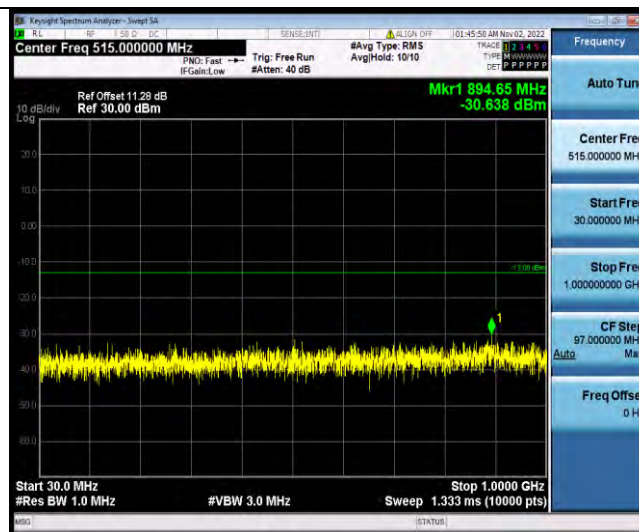
Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



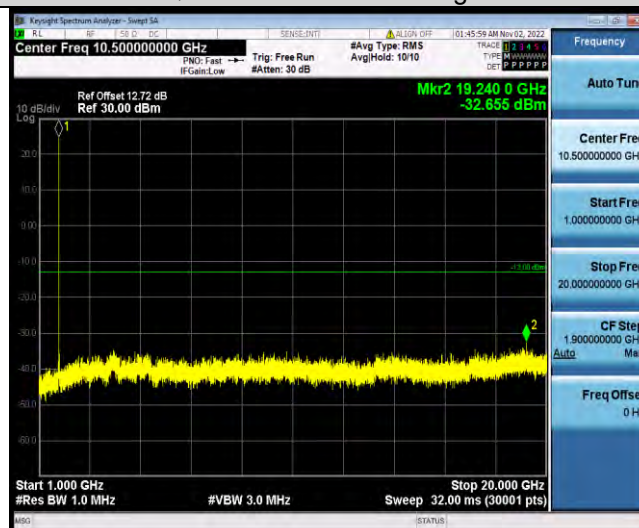
Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



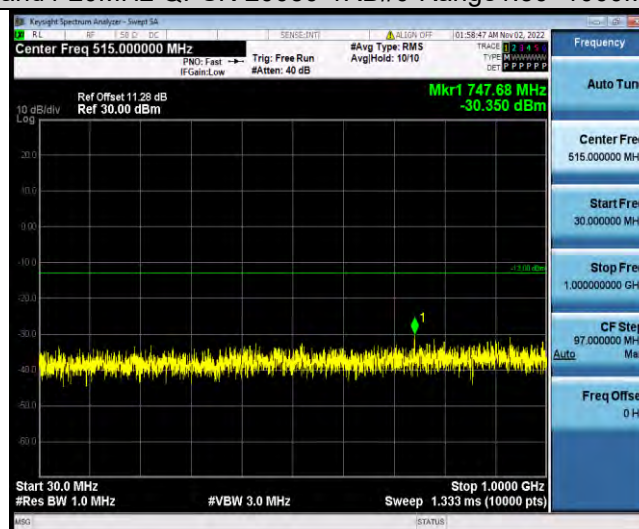
Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz



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



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

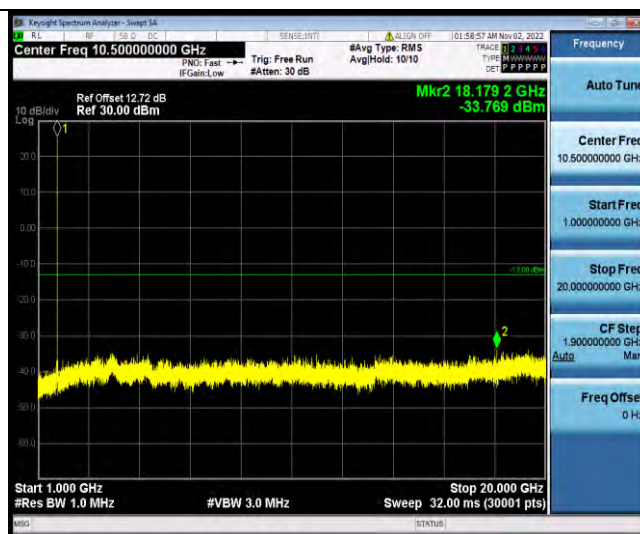


Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz

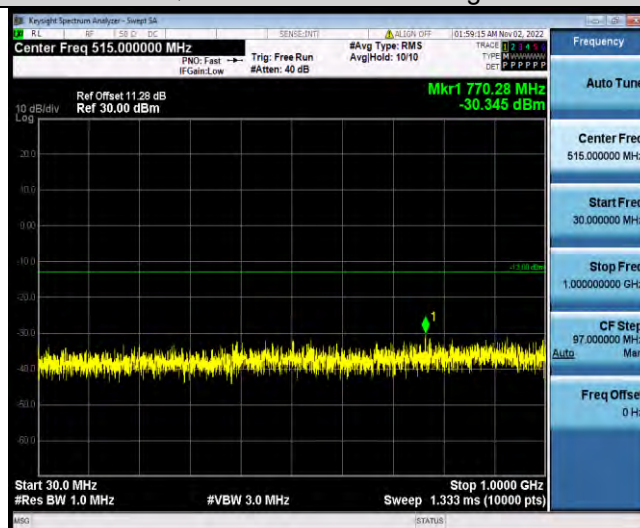


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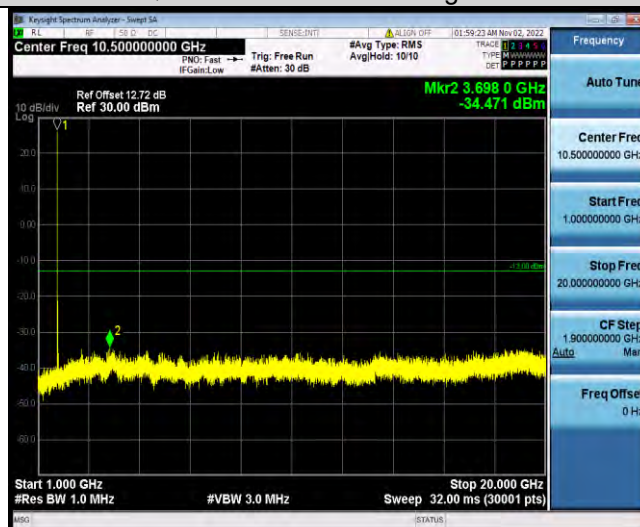
Test Report No.: W7L-221021W001RF03



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



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

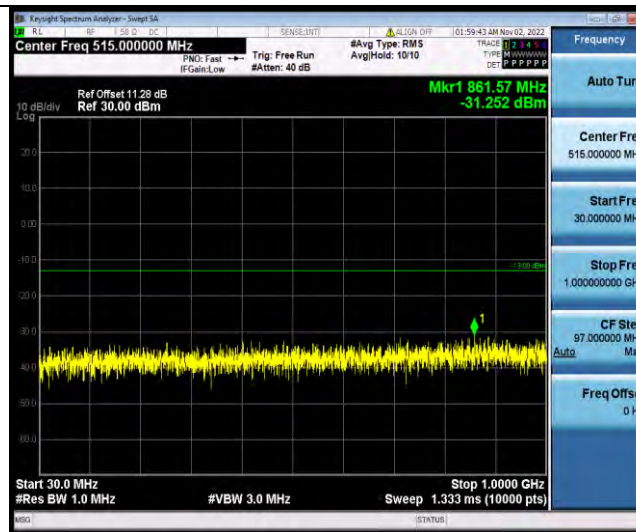


Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz

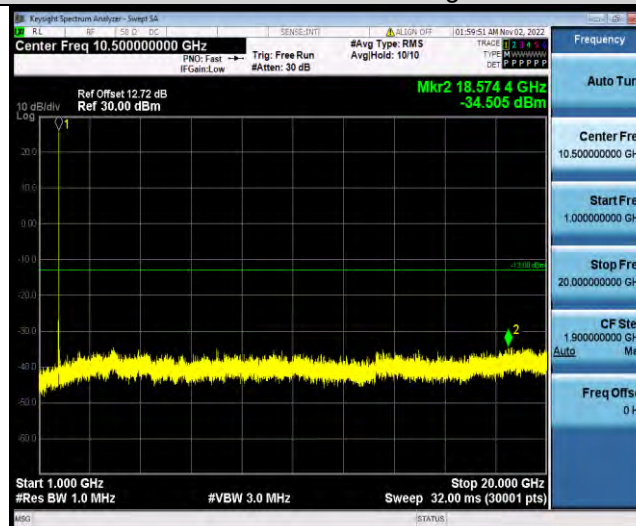


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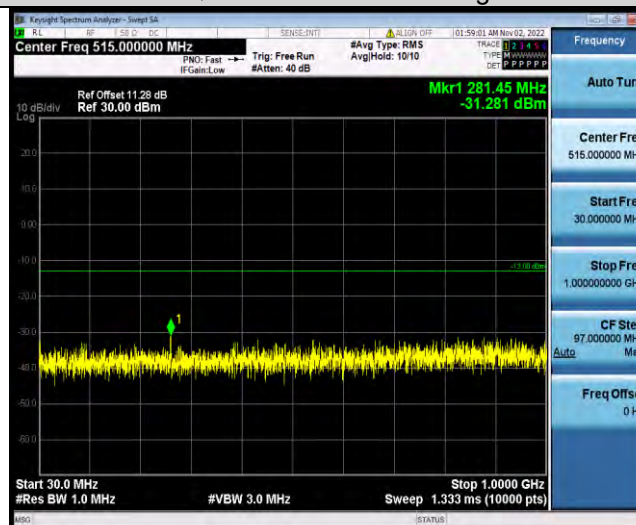
Test Report No.: W7L-221021W001RF03



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



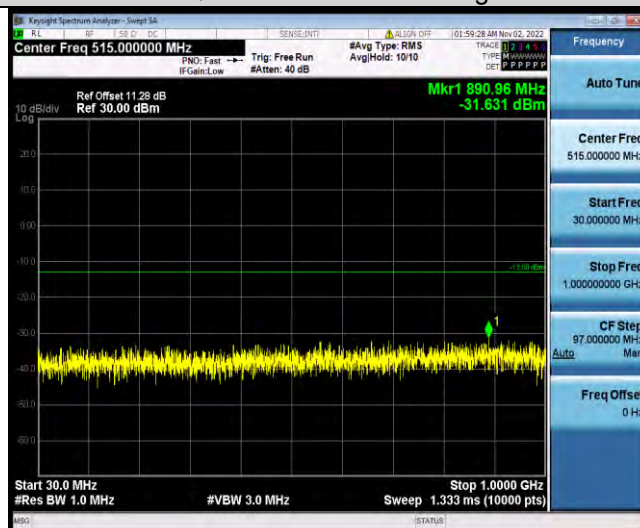
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



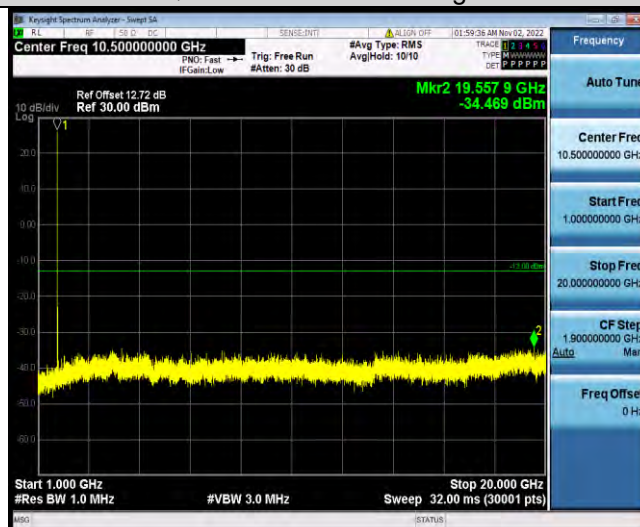
Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



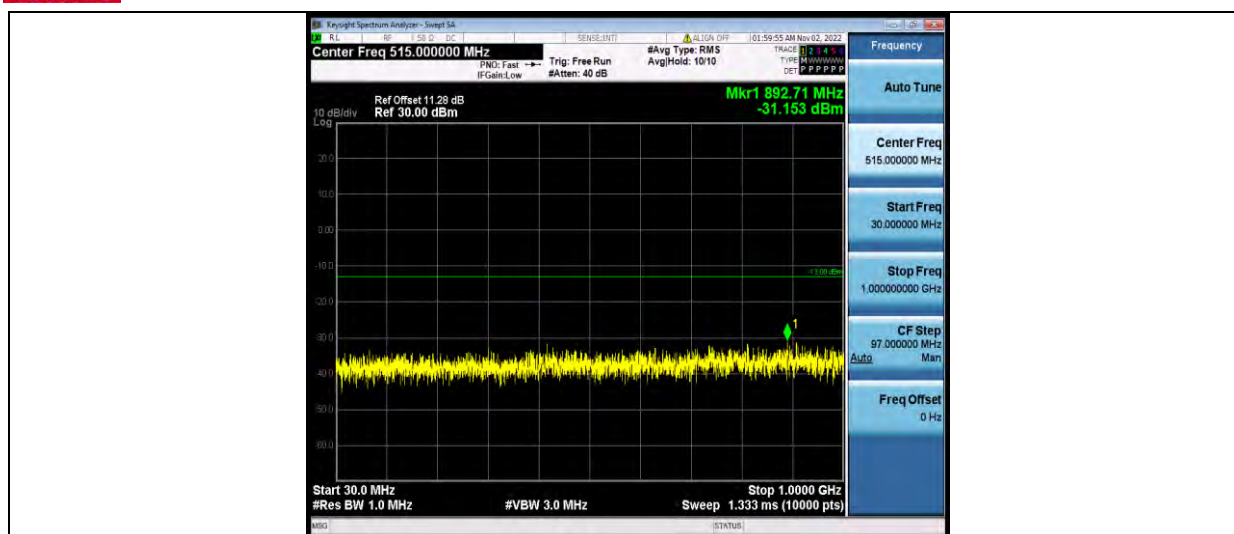
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



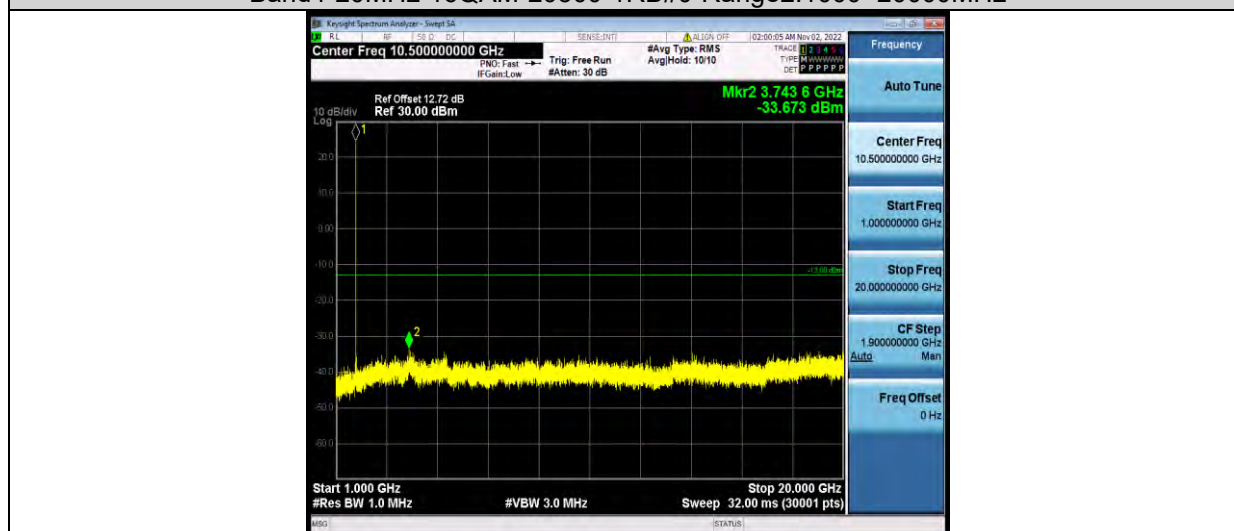
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



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



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



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	16.77	0.009803	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	7.35	0.004296	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-2.63	-0.001537	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	11.57	0.006678	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	13.32	0.007688	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	18.17	0.010488	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	9.70	0.005529	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	24.65	0.014051	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	3.63	0.002069	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-2.65	-0.001549	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	5.51	0.003221	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	5.97	0.003490	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-4.45	-0.002569	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-9.78	-0.005645	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-7.64	-0.004410	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	5.98	0.003409	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-2.13	-0.001214	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	5.09	0.002901	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	-6.65	-0.003885	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	-2.45	-0.001431	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	-12.45	-0.007274	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	-9.97	-0.005755	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	7.85	0.004531	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	-6.35	-0.003665	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	-3.26	-0.001859	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-10.49	-0.005982	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	2.66	0.001517	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-9.10	-0.005317	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-18.05	-0.010546	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	-4.48	-0.002618	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-3.08	-0.001778	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	7.47	0.004312	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	3.48	0.002009	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	-5.26	-0.003000	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	2.16	0.001232	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	6.79	0.003872	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-17.14	-0.010009	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	-9.00	-0.005255	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-5.52	-0.003223	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	2.89	0.001668	±2.5	PASS



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Band4	5MHz	QPSK	20175	25RB#0	VN	NT	-3.43	-0.001980	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	8.31	0.004797	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	7.22	0.004120	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	-6.97	-0.003977	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	7.24	0.004131	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-15.16	-0.008853	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-10.64	-0.006213	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	-6.51	-0.003801	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	-6.97	-0.004023	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	5.69	0.003284	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	11.20	0.006465	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	-8.41	-0.004799	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	-3.28	-0.001872	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VH	NT	3.00	0.001712	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	8.48	0.004945	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	-4.26	-0.002484	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	-4.56	-0.002659	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	-8.31	-0.004797	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	-10.16	-0.005864	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	5.41	0.003123	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	-20.11	-0.011491	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	-18.80	-0.010743	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	-18.28	-0.010446	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	11.22	0.006542	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	-5.29	-0.003085	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	6.81	0.003971	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	5.34	0.003082	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	-3.10	-0.001789	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	-6.82	-0.003937	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	-15.23	-0.008703	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	-3.53	-0.002017	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	-4.96	-0.002834	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VL	NT	-2.89	-0.001683	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	-8.27	-0.004815	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	-5.76	-0.003354	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	4.36	0.002517	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	6.08	0.003509	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	3.20	0.001847	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	5.65	0.003233	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	-10.33	-0.005911	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	-11.33	-0.006484	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	-7.81	-0.004547	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	-8.48	-0.004937	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	-8.93	-0.005199	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	5.71	0.003296	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	13.22	0.007631	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	-10.91	-0.006297	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	-8.58	-0.004910	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	-2.02	-0.001156	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	2.10	0.001202	±2.5	PASS



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Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-1.39	-0.000808	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-8.11	-0.004715	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-10.79	-0.006273	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-9.17	-0.005293	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	-6.51	-0.003758	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-9.77	-0.005639	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	7.32	0.004195	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-9.64	-0.005524	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-3.85	-0.002206	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-4.12	-0.002395	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-6.85	-0.003983	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	8.63	0.005017	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	5.24	0.003025	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	4.95	0.002857	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-9.36	-0.005403	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-6.14	-0.003519	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-5.71	-0.003272	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	4.55	0.002607	±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	10.34	0.006044	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	3.83	0.002239	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	11.16	0.006524	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	6.79	0.003969	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	9.46	0.005530	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-7.78	-0.004548	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	7.97	0.004659	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	10.19	0.005957	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-3.00	-0.001732	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-8.57	-0.004947	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-6.69	-0.003861	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-12.13	-0.007001	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	4.46	0.002574	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	5.46	0.003152	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	8.91	0.005143	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-10.89	-0.006286	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	13.07	0.007450	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-2.95	-0.001682	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-7.27	-0.004144	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	3.71	0.002115	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-6.15	-0.003506	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	5.84	0.003329	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	5.36	0.003055	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-7.52	-0.004287	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-12.43	-0.007266	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-3.72	-0.002175	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	8.73	0.005103	±2.5	PASS



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Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	5.76	0.003367	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	5.42	0.003168	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	4.84	0.002829	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	2.90	0.001695	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	-11.59	-0.006775	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-8.40	-0.004848	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-8.67	-0.005004	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-3.55	-0.002049	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-7.80	-0.004502	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	11.62	0.006707	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-13.18	-0.007608	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	11.93	0.006886	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-3.12	-0.001801	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	2.82	0.001607	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	1.24	0.000707	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-5.82	-0.003318	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	3.58	0.002041	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-10.11	-0.005763	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	3.55	0.002024	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-6.01	-0.003426	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-9.58	-0.005461	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-6.41	-0.003745	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	-4.22	-0.002466	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	-8.85	-0.005171	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-7.17	-0.004189	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	-5.68	-0.003319	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	-15.54	-0.009080	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	-6.34	-0.003704	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	-18.67	-0.010909	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-9.81	-0.005662	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-10.39	-0.005997	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	3.71	0.002141	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-11.06	-0.006384	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-10.59	-0.006113	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	-8.13	-0.004693	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	10.44	0.006026	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	-2.36	-0.001362	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-5.84	-0.003330	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-1.63	-0.000930	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	-3.00	-0.001711	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	-9.04	-0.005155	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	-11.30	-0.006444	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	3.63	0.002070	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	7.28	0.004152	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	8.07	0.004602	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-2.42	-0.001414	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	-8.53	-0.004984	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	2.68	0.001566	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	-2.49	-0.001455	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-4.88	-0.002851	±2.5	PASS



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Band4	3MHz	16QAM	19965	15RB#0	NV	30	-4.13	-0.002413	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	-5.26	-0.003073	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	3.20	0.001870	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	-4.26	-0.002459	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-8.61	-0.004970	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	5.99	0.003457	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	-8.84	-0.005102	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-6.15	-0.003550	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	7.55	0.004358	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	8.58	0.004952	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	-11.43	-0.006597	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	-6.69	-0.003815	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	5.76	0.003285	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	5.76	0.003285	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	-9.98	-0.005691	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	-4.53	-0.002583	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	4.41	0.002515	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	-8.51	-0.004853	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	9.53	0.005435	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	-13.69	-0.007994	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	-10.90	-0.006365	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	0	-15.42	-0.009004	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	-7.28	-0.004251	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	-6.29	-0.003673	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	-6.38	-0.003726	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	-4.39	-0.002564	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	-6.21	-0.003626	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-9.57	-0.005524	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	1.54	0.000889	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	-9.71	-0.005605	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-6.85	-0.003954	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	7.50	0.004329	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	5.02	0.002898	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	6.12	0.003532	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	-9.01	-0.005201	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	7.22	0.004120	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	5.68	0.003241	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	5.95	0.003395	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-7.11	-0.004057	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-12.66	-0.007224	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	4.26	0.002431	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-7.81	-0.004456	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	7.45	0.004251	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	-11.12	-0.006493	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	-15.61	-0.009115	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	-16.95	-0.009898	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	3.15	0.001839	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-19.45	-0.011358	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	-12.27	-0.007165	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	-12.49	-0.007293	±2.5	PASS



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Band4	5MHz	16QAM	19975	25RB#0	NV	50	-2.39	-0.001396	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-2.42	-0.001397	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-8.57	-0.004947	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	2.98	0.001720	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	10.51	0.006066	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	1.99	0.001149	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	10.01	0.005778	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	8.74	0.005045	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-7.11	-0.004104	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-9.78	-0.005581	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	7.12	0.004063	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	1.80	0.001027	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-9.44	-0.005387	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-3.45	-0.001969	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	2.73	0.001558	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-12.19	-0.006956	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-1.96	-0.001118	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	4.31	0.002513	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	5.25	0.003061	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-3.52	-0.002052	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-2.96	-0.001726	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-3.22	-0.001878	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-10.64	-0.006204	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	-3.25	-0.001895	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	50	-10.13	-0.005907	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	-11.73	-0.006771	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-12.69	-0.007325	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	5.69	0.003284	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-2.72	-0.001570	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	-11.86	-0.006846	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	-9.23	-0.005328	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	7.32	0.004225	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	-3.76	-0.002170	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	-18.58	-0.010617	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	-12.83	-0.007331	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	-7.57	-0.004326	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	-8.96	-0.005120	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	-17.71	-0.010120	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	-11.76	-0.006720	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	-16.81	-0.009606	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	-8.37	-0.004783	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	4.09	0.002385	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	6.59	0.003843	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	3.88	0.002262	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	5.42	0.003160	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	-11.39	-0.006641	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	-10.84	-0.006321	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	-10.03	-0.005848	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	-8.90	-0.005190	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	4.91	0.002834	±2.5	PASS



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Band4	10MHz	16QAM	20175	50RB#0	NV	-20	7.67	0.004427	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	-5.15	-0.002973	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	4.38	0.002528	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	-12.43	-0.007175	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	4.46	0.002574	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	-9.98	-0.005760	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	-10.20	-0.005887	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	-17.34	-0.009909	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	-8.47	-0.004840	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	-18.88	-0.010789	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	-15.79	-0.009023	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	-17.21	-0.009834	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	-12.79	-0.007309	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	-2.13	-0.001217	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	-3.55	-0.002029	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	-11.93	-0.006946	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	7.80	0.004541	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	-9.34	-0.005438	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	-3.59	-0.002090	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	-4.02	-0.002341	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	-8.04	-0.004681	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	-3.99	-0.002323	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	2.07	0.001205	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	6.87	0.003965	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	5.61	0.003238	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	-11.59	-0.006690	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	-13.06	-0.007538	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	-10.44	-0.006026	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	4.81	0.002776	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	-11.50	-0.006638	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	-2.88	-0.001662	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	-9.83	-0.005625	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	2.92	0.001671	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	7.02	0.004017	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	4.16	0.002381	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	-6.78	-0.003880	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	-6.94	-0.003971	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-8.11	-0.004641	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	10.43	0.005969	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	5.69	0.003313	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	-4.25	-0.002475	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	-5.44	-0.003167	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	10	8.41	0.004897	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	9.11	0.005304	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	-8.35	-0.004862	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	4.16	0.002422	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	-7.38	-0.004297	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	5.81	0.003354	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	-13.18	-0.007608	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	-11.60	-0.006696	±2.5	PASS



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Band4	15MHz	16QAM	20175	75RB#0	NV	10	-11.19	-0.006459	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	-7.31	-0.004219	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	30	-10.37	-0.005986	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	-11.26	-0.006499	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	-6.67	-0.003850	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	-5.66	-0.003239	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	-8.65	-0.004950	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	7.51	0.004298	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	-4.95	-0.002833	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	-10.80	-0.006180	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	-4.61	-0.002638	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	8.64	0.004944	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	-10.14	-0.005803	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	3.03	0.001762	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	3.39	0.001971	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-2.65	-0.001541	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-11.77	-0.006843	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-7.64	-0.004442	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	4.56	0.002651	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-8.40	-0.004884	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-12.43	-0.007227	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-6.85	-0.003954	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-12.59	-0.007267	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-10.47	-0.006043	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-11.36	-0.006557	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-5.04	-0.002909	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-9.54	-0.005506	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-7.04	-0.004063	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-5.24	-0.003025	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-6.94	-0.003977	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	3.48	0.001994	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-3.75	-0.002149	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-3.05	-0.001748	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	1.62	0.000928	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-8.78	-0.005032	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-5.58	-0.003198	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	5.64	0.003232	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	9.38	0.005453	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-11.33	-0.006587	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-3.23	-0.001878	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-9.98	-0.005802	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	3.55	0.002064	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-6.64	-0.003860	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-11.43	-0.006645	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	5.14	0.002988	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-9.97	-0.005755	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	7.51	0.004335	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	3.45	0.001991	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	2.52	0.001455	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-2.63	-0.001518	±2.5	PASS



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Band4	20MHz	16QAM	20175	100RB#0	NV	30	3.73	0.002153	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-7.01	-0.004046	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	4.49	0.002592	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	4.39	0.002516	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	3.85	0.002206	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-5.59	-0.003203	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-9.16	-0.005249	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-8.77	-0.005026	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	8.31	0.004762	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-4.49	-0.002573	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	5.59	0.003203	±2.5	PASS