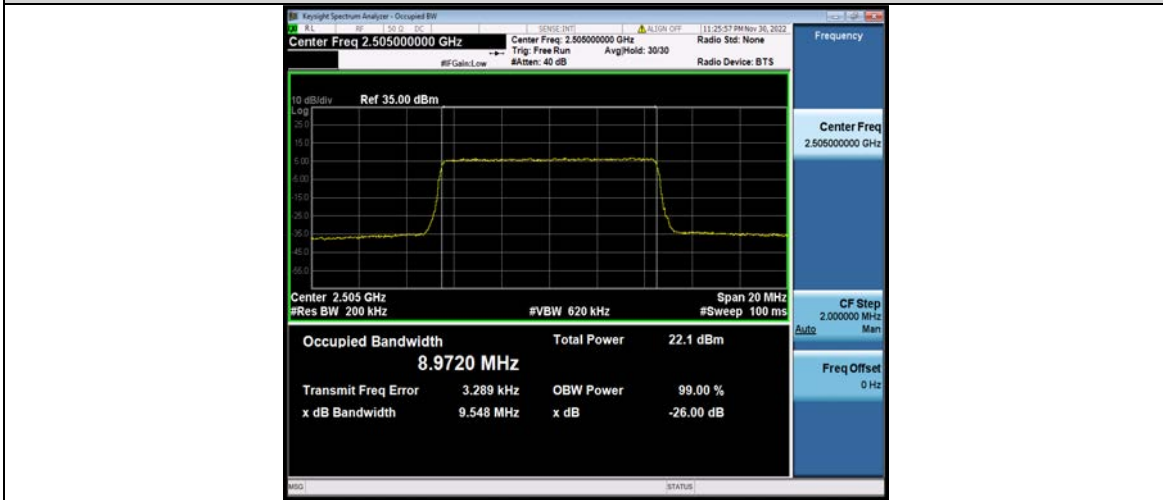




Test Report No.: W7L-P23100014RF06



Band7-10MHz-16QAM-20800-50RB#0



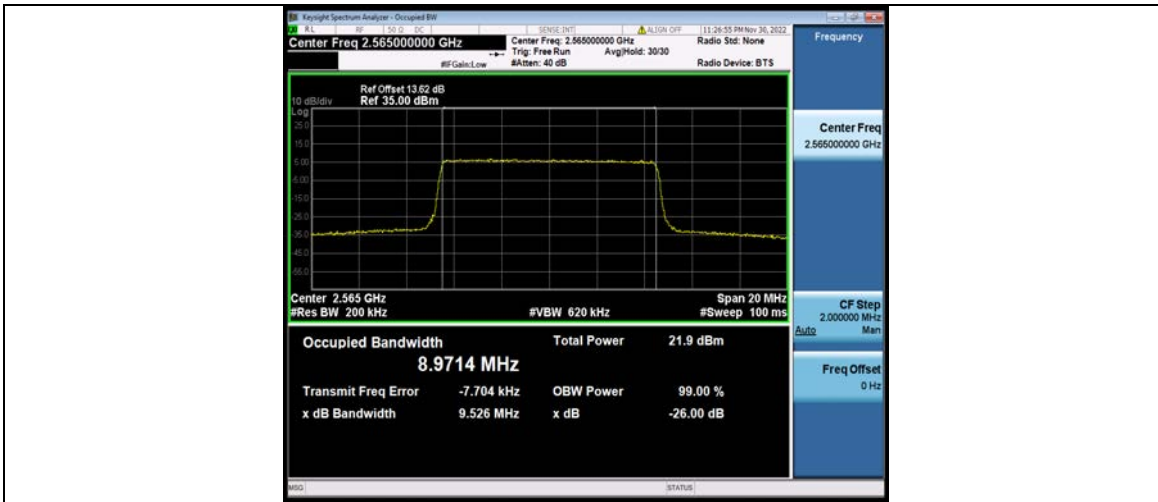
Band7-10MHz-16QAM-2100-50RB#0



Band7-10MHz-16QAM-21400-50RB#0



Test Report No.: W7L-P23100014RF06



Band7-10MHz-64QAM-20800-50RB#0



Band7-10MHz-64QAM-21100-50RB#0



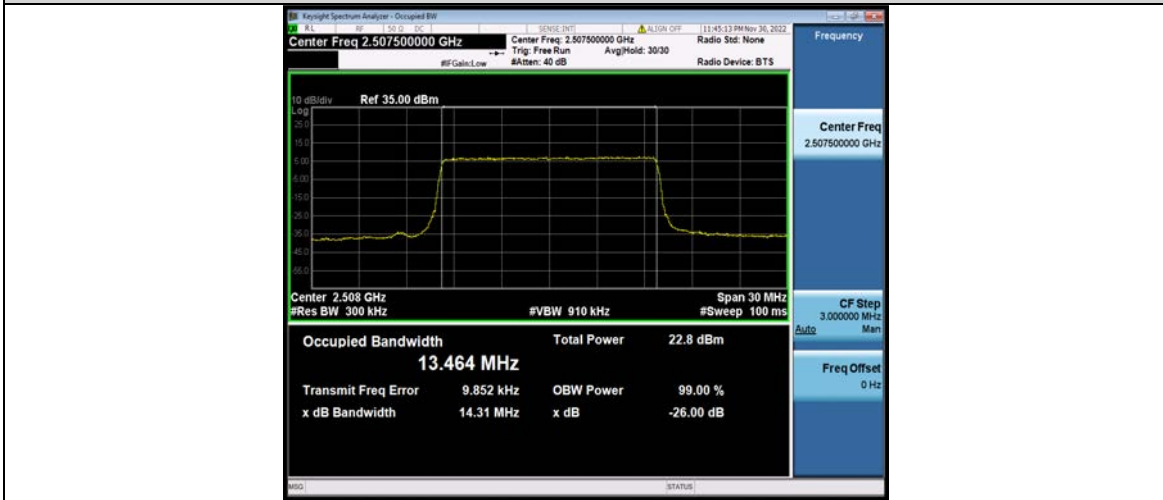
Band7-10MHz-64QAM-21400-50RB#0



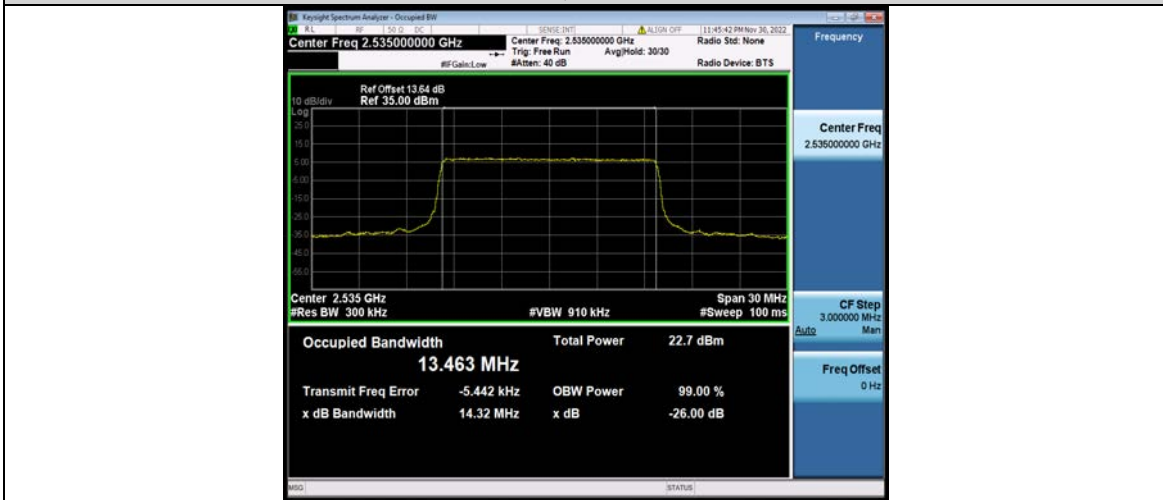
Test Report No.: W7L-P23100014RF06



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



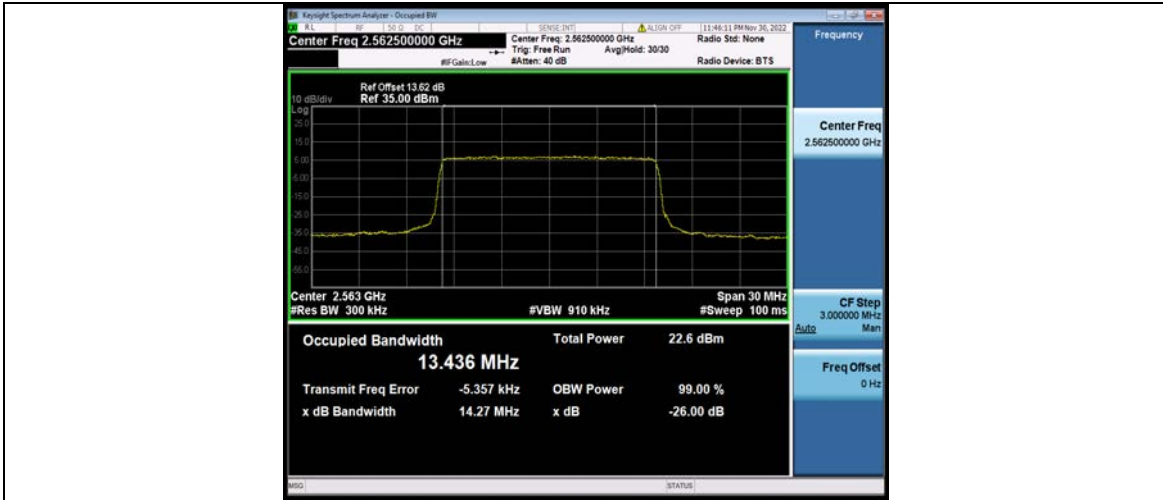
Band7-15MHz-QPSK-21100-75RB#0



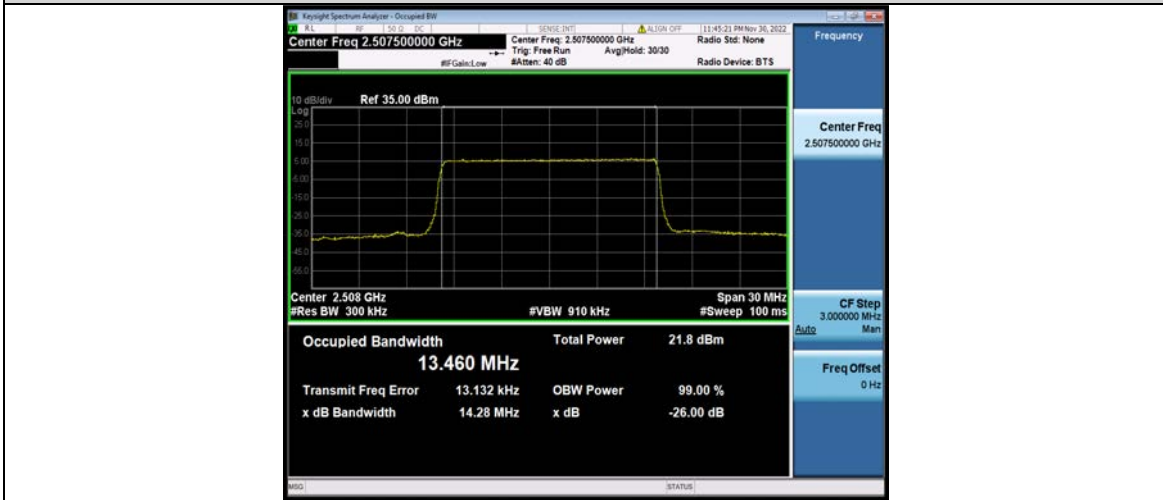
Band7-15MHz-QPSK-21375-75RB#0



Test Report No.: W7L-P23100014RF06



Band7-15MHz-16QAM-20825-75RB#0



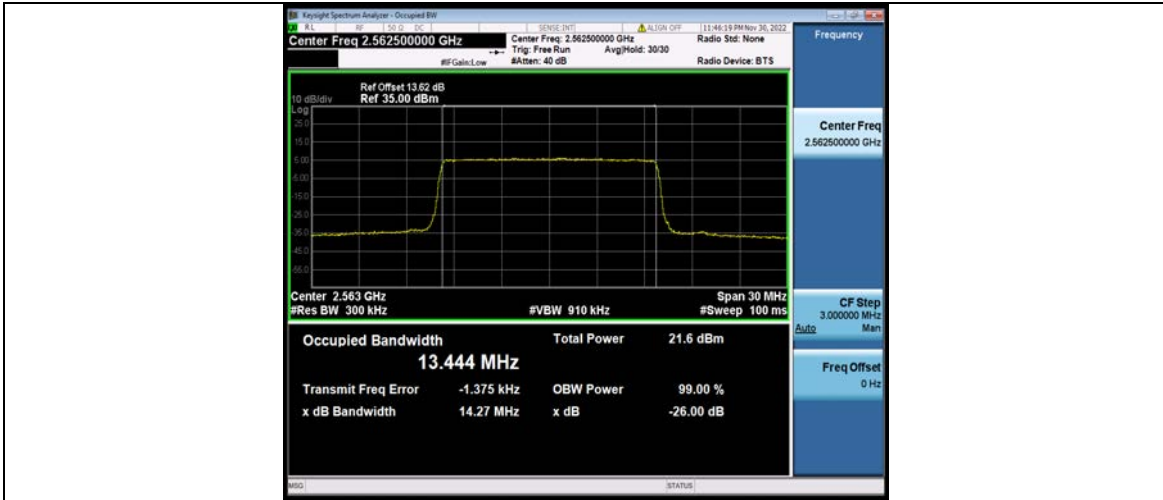
Band7-15MHz-16QAM-2100-75RB#0



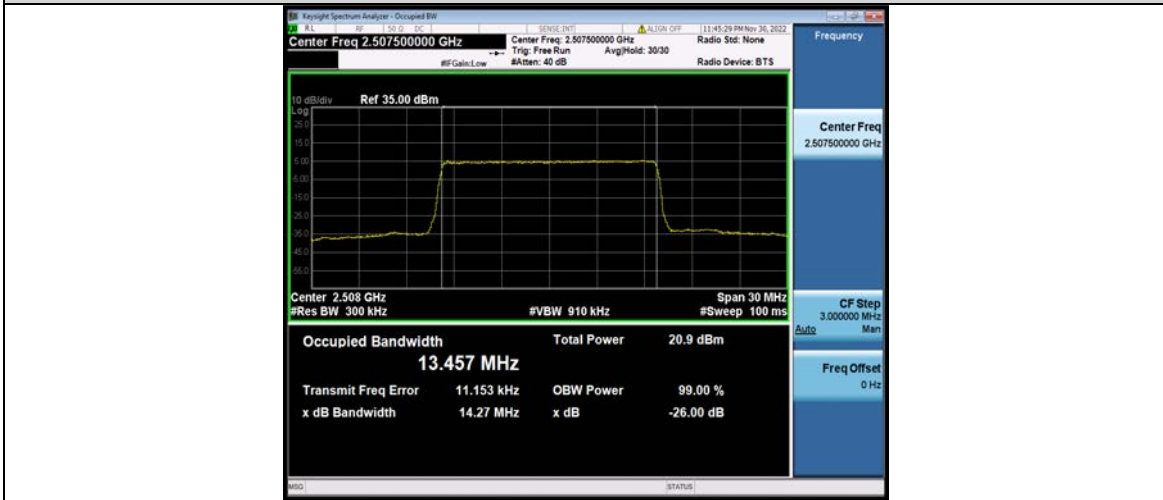
Band7-15MHz-16QAM-21375-75RB#0



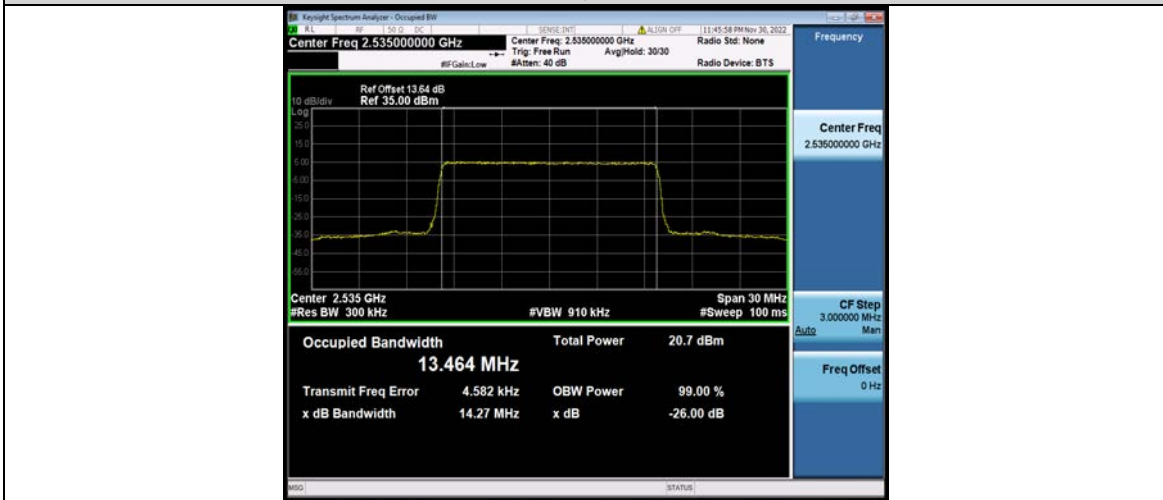
Test Report No.: W7L-P23100014RF06



Band7-15MHz-64QAM-20825-75RB#0



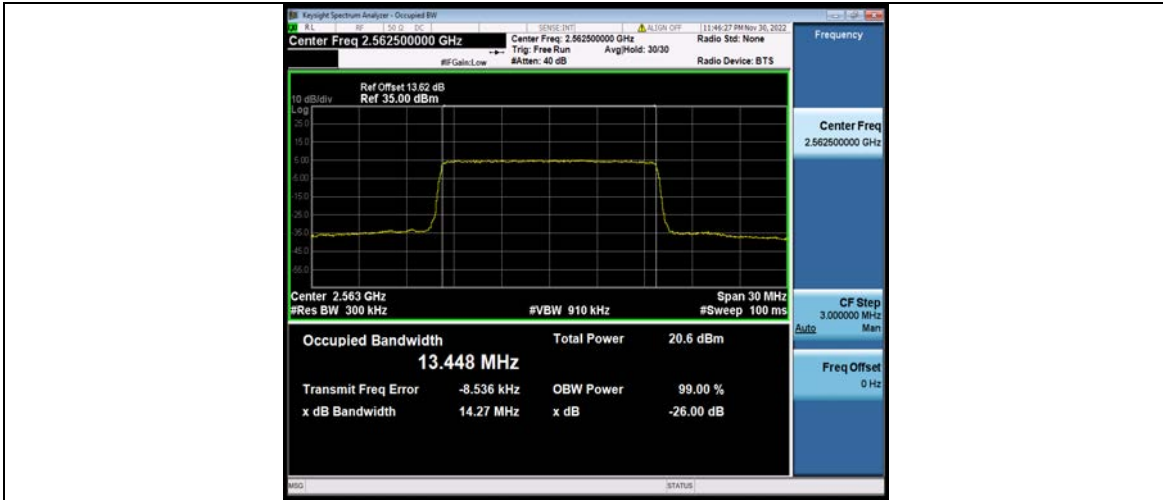
Band7-15MHz-64QAM-21100-75RB#0



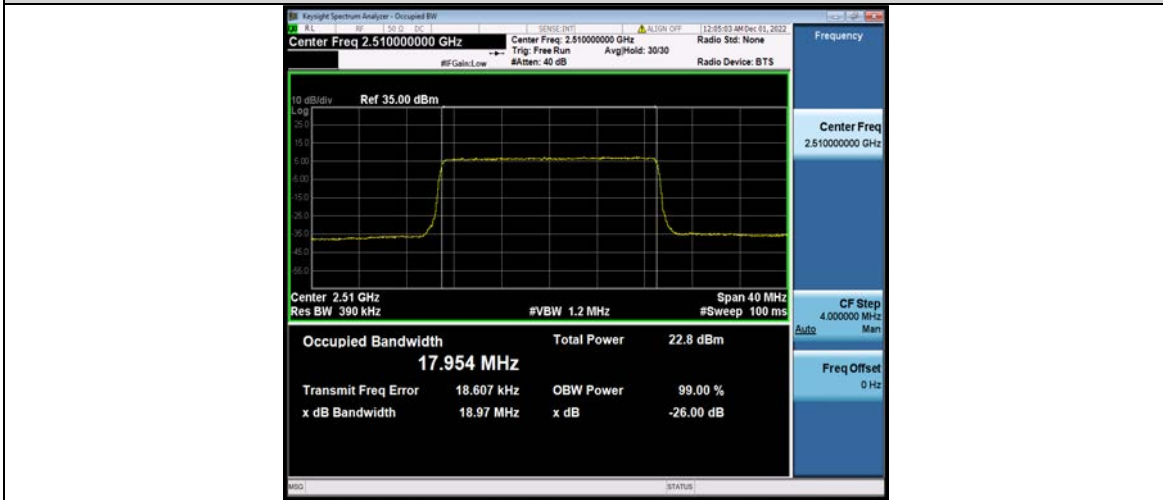
Band7-15MHz-64QAM-21375-75RB#0



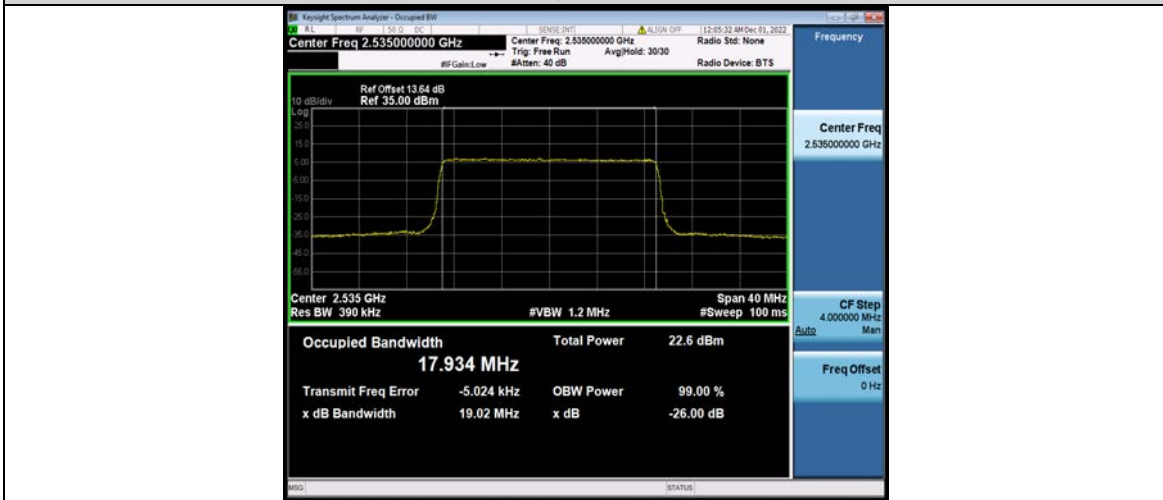
Test Report No.: W7L-P23100014RF06



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



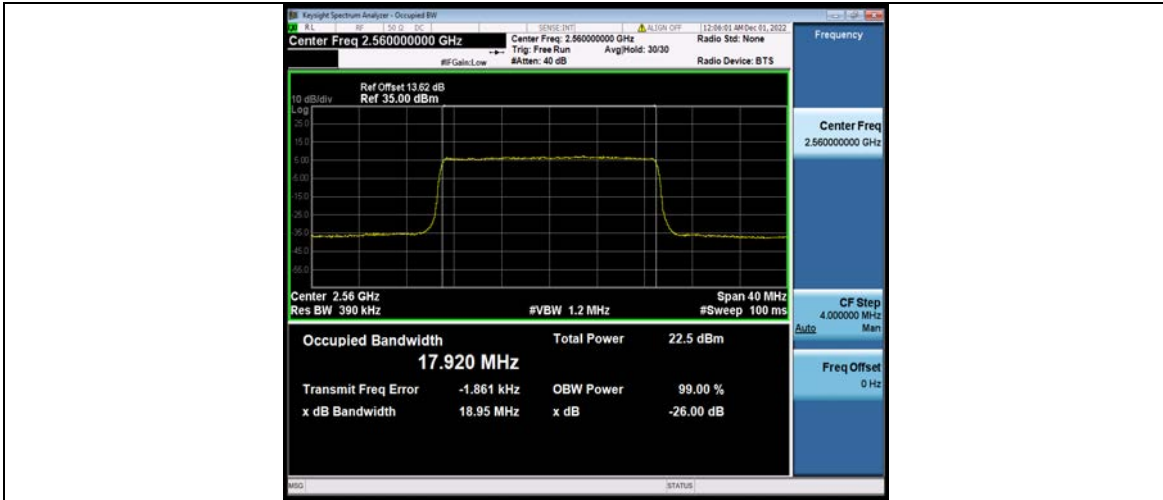
Band7-20MHz-QPSK-21100-100RB#0



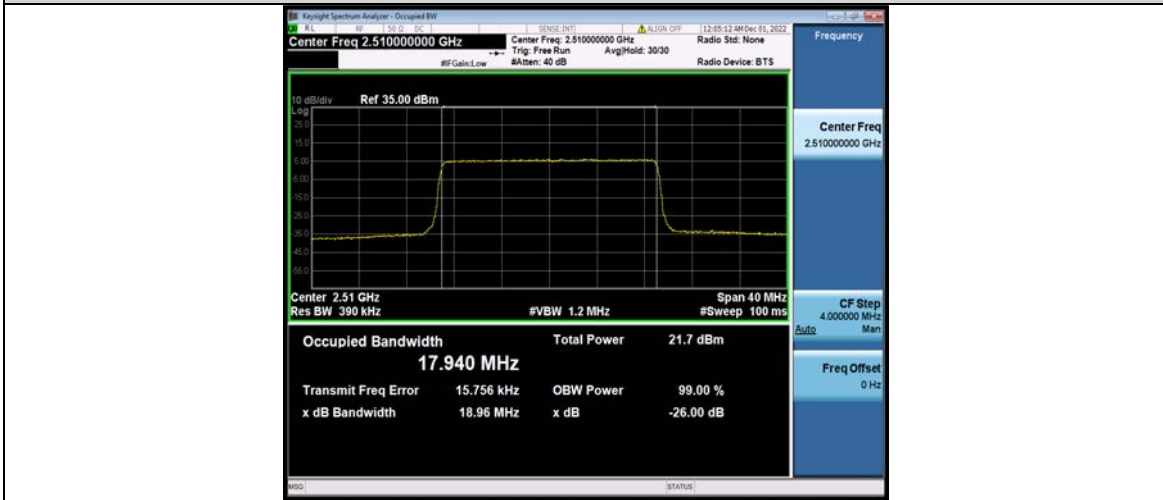
Band7-20MHz-QPSK-21350-100RB#0



Test Report No.: W7L-P23100014RF06



Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0



Test Report No.: W7L-P23100014RF06



Band7-20MHz-64QAM-20850-100RB#0



Band7-20MHz-64QAM-21100-100RB#0



Band7-20MHz-64QAM-21350-100RB#0



Test Report No.: W7L-P23100014RF06





BAND EDGE

Test Result

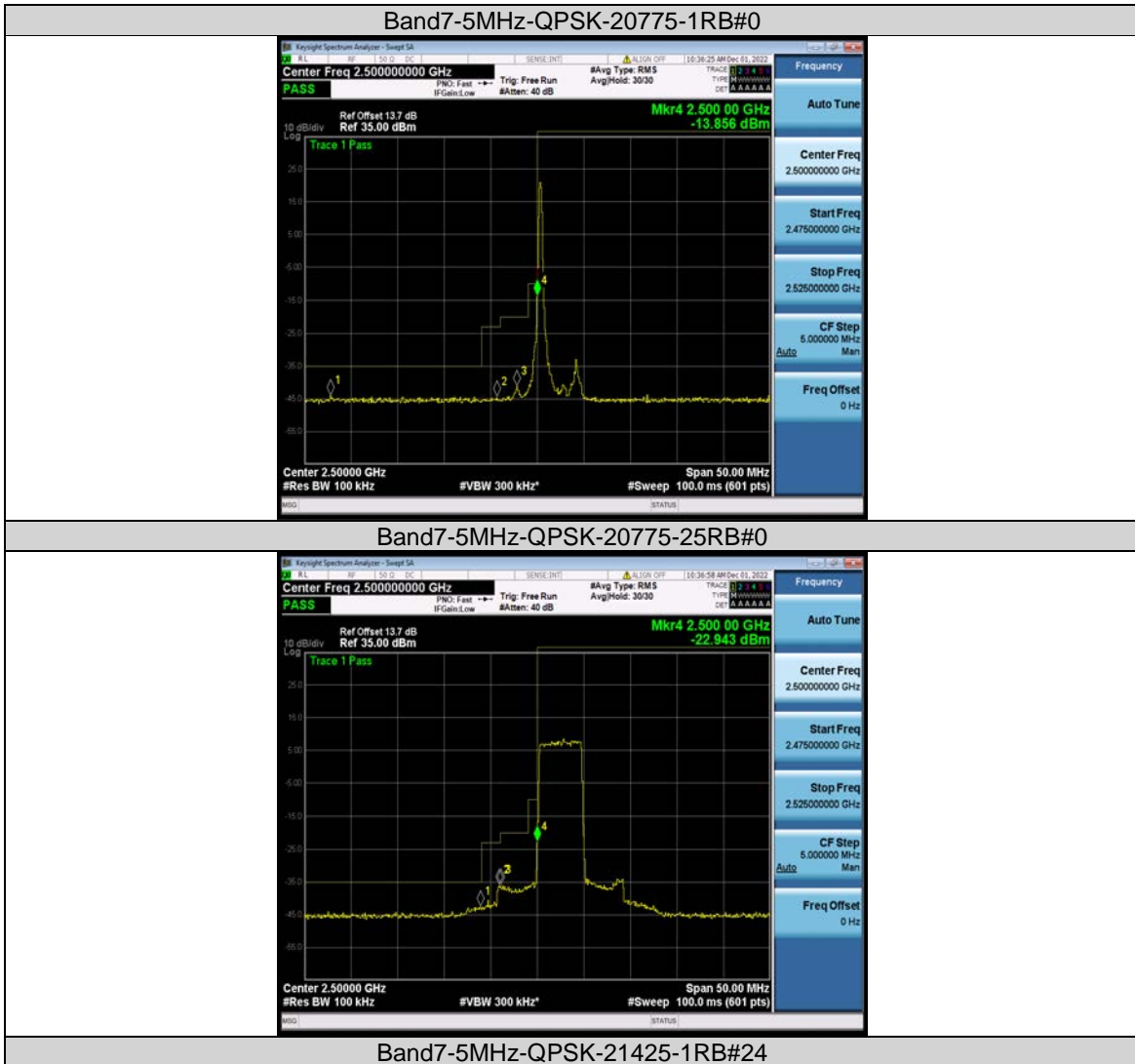
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-44.18,-44.61,-41.29,-13.86	PASS
Band7	5MHz	QPSK	20775	25RB#0	-42.72,-36.14,-36.11,-22.94	PASS
Band7	5MHz	QPSK	21425	1RB#24	-13.46,-42.01,-44.17,-44.31	PASS
Band7	5MHz	QPSK	21425	25RB#0	-23.97,-32.29,-41.07,-42.11	PASS
Band7	5MHz	16QAM	20775	1RB#0	-44.27,-44.42,-42.40,-14.55	PASS
Band7	5MHz	16QAM	20775	25RB#0	-42.93,-38.60,-35.93,-23.32	PASS
Band7	5MHz	16QAM	21425	1RB#24	-14.05,-42.57,-44.37,-44.20	PASS
Band7	5MHz	16QAM	21425	25RB#0	-23.80,-33.60,-41.08,-41.79	PASS
Band7	5MHz	64QAM	20775	1RB#0	-44.24,-44.54,-43.08,-15.56	PASS
Band7	5MHz	64QAM	20775	25RB#0	-43.07,-40.28,-34.52,-25.64	PASS
Band7	5MHz	64QAM	21425	1RB#24	-17.97,-42.37,-44.70,-44.46	PASS
Band7	5MHz	64QAM	21425	25RB#0	-26.20,-34.92,-42.68,-43.99	PASS
Band7	10MHz	QPSK	20800	1RB#0	-42.04,-41.91,-40.05,-20.58	PASS
Band7	10MHz	QPSK	20800	50RB#0	-41.23,-36.50,-35.65,-25.83	PASS
Band7	10MHz	QPSK	21400	1RB#49	-21.74,-40.83,-41.71,-42.25	PASS
Band7	10MHz	QPSK	21400	50RB#0	-27.04,-33.86,-35.32,-39.66	PASS
Band7	10MHz	16QAM	20800	1RB#0	-41.88,-41.96,-40.57,-21.61	PASS
Band7	10MHz	16QAM	20800	50RB#0	-40.41,-37.04,-35.63,-29.36	PASS
Band7	10MHz	16QAM	21400	1RB#49	-20.92,-40.67,-41.82,-42.23	PASS
Band7	10MHz	16QAM	21400	50RB#0	-29.13,-34.27,-37.26,-40.19	PASS
Band7	10MHz	64QAM	20800	1RB#0	-42.12,-42.32,-41.23,-23.71	PASS
Band7	10MHz	64QAM	20800	50RB#0	-40.89,-37.01,-35.37,-30.03	PASS
Band7	10MHz	64QAM	21400	1RB#49	-24.74,-40.83,-42.05,-41.98	PASS
Band7	10MHz	64QAM	21400	50RB#0	-31.62,-35.50,-38.05,-40.98	PASS
Band7	15MHz	QPSK	20825	1RB#0	-40.42,-40.53,-38.78,-21.85	PASS
Band7	15MHz	QPSK	20825	75RB#0	-36.05,-35.98,-34.57,-28.30	PASS
Band7	15MHz	QPSK	21375	1RB#74	-22.26,-39.60,-40.69,-40.65	PASS
Band7	15MHz	QPSK	21375	75RB#0	-28.87,-33.97,-34.70,-40.30	PASS
Band7	15MHz	16QAM	20825	1RB#0	-40.60,-40.59,-38.60,-21.60	PASS
Band7	15MHz	16QAM	20825	75RB#0	-37.08,-36.53,-34.13,-31.57	PASS
Band7	15MHz	16QAM	21375	1RB#74	-21.56,-39.59,-40.58,-40.54	PASS
Band7	15MHz	16QAM	21375	75RB#0	-30.29,-34.49,-36.47,-40.18	PASS
Band7	15MHz	64QAM	20825	1RB#0	-40.16,-40.58,-39.50,-22.65	PASS
Band7	15MHz	64QAM	20825	75RB#0	-38.13,-36.51,-34.05,-31.37	PASS
Band7	15MHz	64QAM	21375	1RB#74	-22.42,-39.99,-40.57,-40.75	PASS
Band7	15MHz	64QAM	21375	75RB#0	-32.61,-34.32,-37.10,-40.69	PASS
Band7	20MHz	QPSK	20850	1RB#0	-39.55,-39.58,-37.69,-22.86	PASS
Band7	20MHz	QPSK	20850	100RB#0	-36.50,-36.42,-35.83,-30.61	PASS
Band7	20MHz	QPSK	21350	1RB#99	-21.24,-38.17,-39.48,-39.55	PASS
Band7	20MHz	QPSK	21350	100RB#0	-31.42,-35.22,-36.63,-39.66	PASS
Band7	20MHz	16QAM	20850	1RB#0	-39.08,-39.57,-37.96,-23.09	PASS
Band7	20MHz	16QAM	20850	100RB#0	-37.14,-35.96,-35.45,-31.68	PASS
Band7	20MHz	16QAM	21350	1RB#99	-22.07,-38.78,-39.59,-39.59	PASS
Band7	20MHz	16QAM	21350	100RB#0	-31.70,-34.92,-36.06,-39.73	PASS
Band7	20MHz	64QAM	20850	1RB#0	-39.57,-39.46,-38.71,-23.65	PASS



Test Report No.: W7L-P23100014RF06

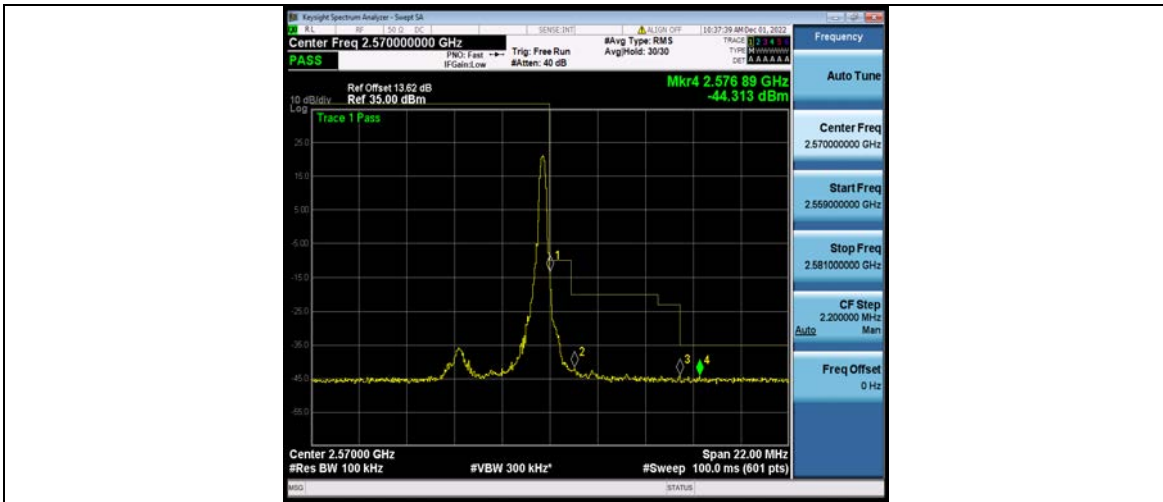
Band7	20MHz	64QAM	20850	100RB#0	-36.79,-35.72,-34.41,-32.45	PASS
Band7	20MHz	64QAM	21350	1RB#99	-23.91,-39.09,-39.45,-39.77	PASS
Band7	20MHz	64QAM	21350	100RB#0	-33.02,-34.90,-36.16,-39.64	PASS

Test Graphs





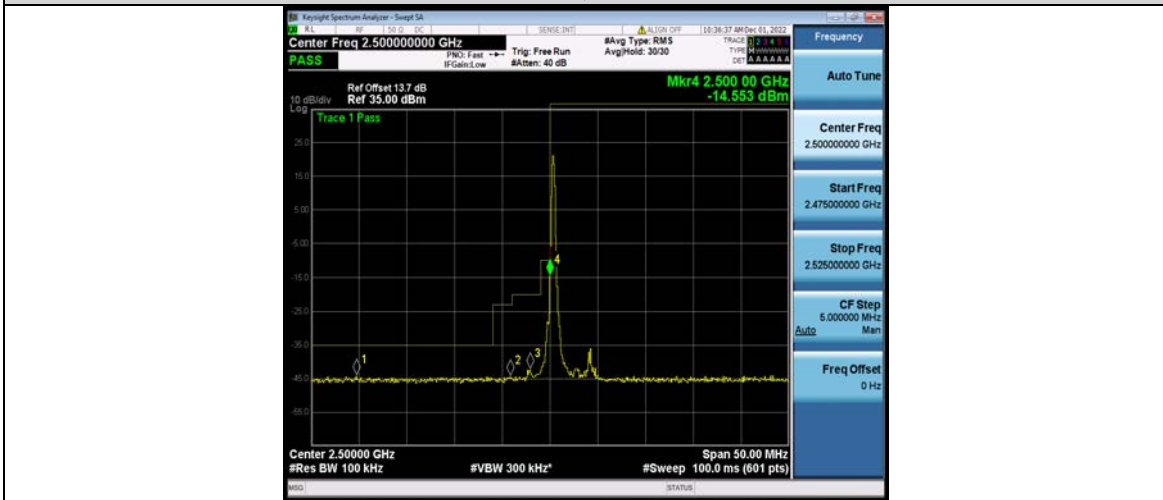
Test Report No.: W7L-P23100014RF06



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



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



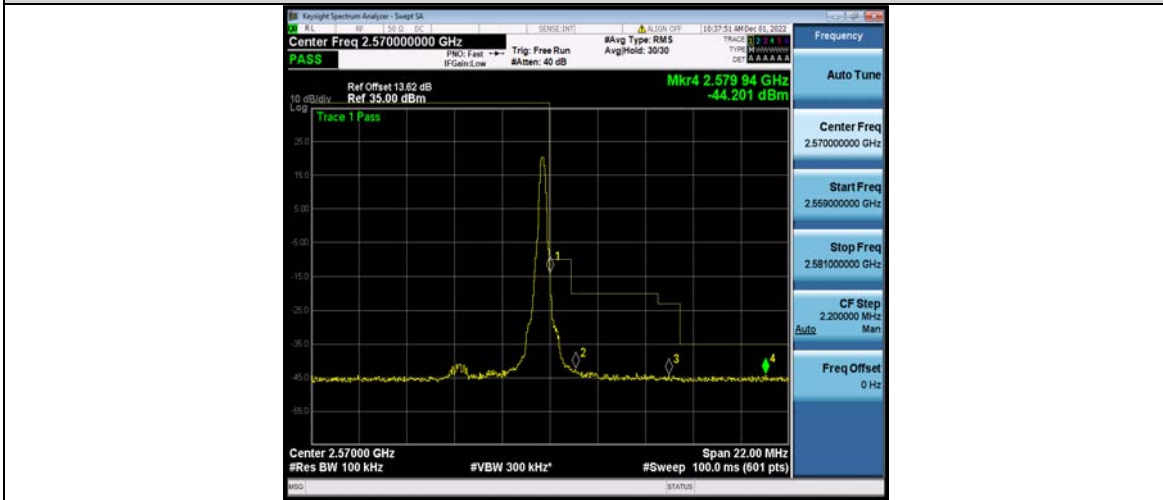
Band7-5MHz-16QAM-20775-25RB#0



Test Report No.: W7L-P23100014RF06



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



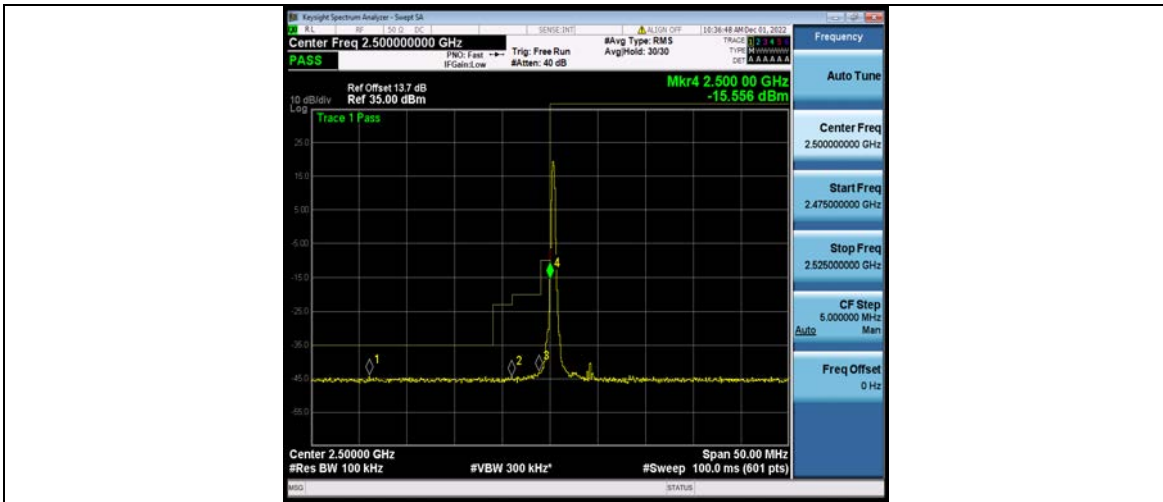
Band7-5MHz-16QAM-21425-25RB#0



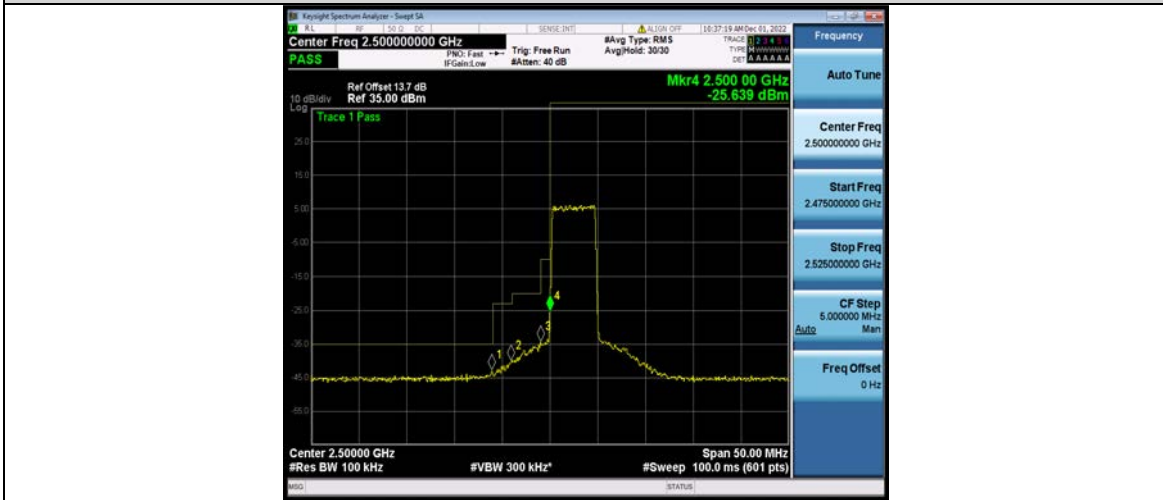
Band7-5MHz-64QAM-20775-1RB#0



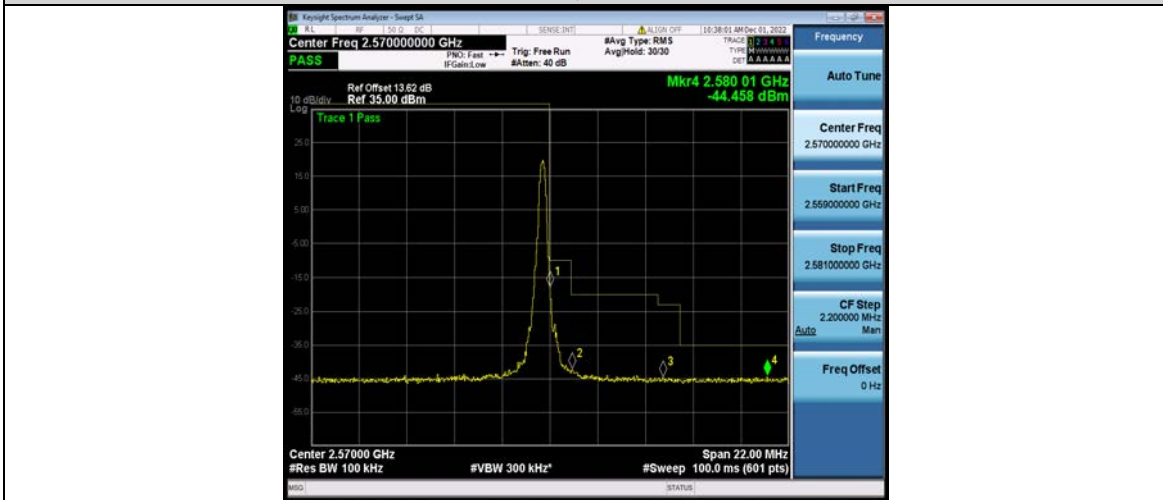
Test Report No.: W7L-P23100014RF06



Band7-5MHz-64QAM-20775-25RB#0



Band7-5MHz-64QAM-21425-1RB#24



Band7-5MHz-64QAM-21425-25RB#0



Test Report No.: W7L-P23100014RF06



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



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



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



Test Report No.: W7L-P23100014RF06



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



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



Band7-10MHz-16QAM-20800-50RB#0



Test Report No.: W7L-P23100014RF06



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



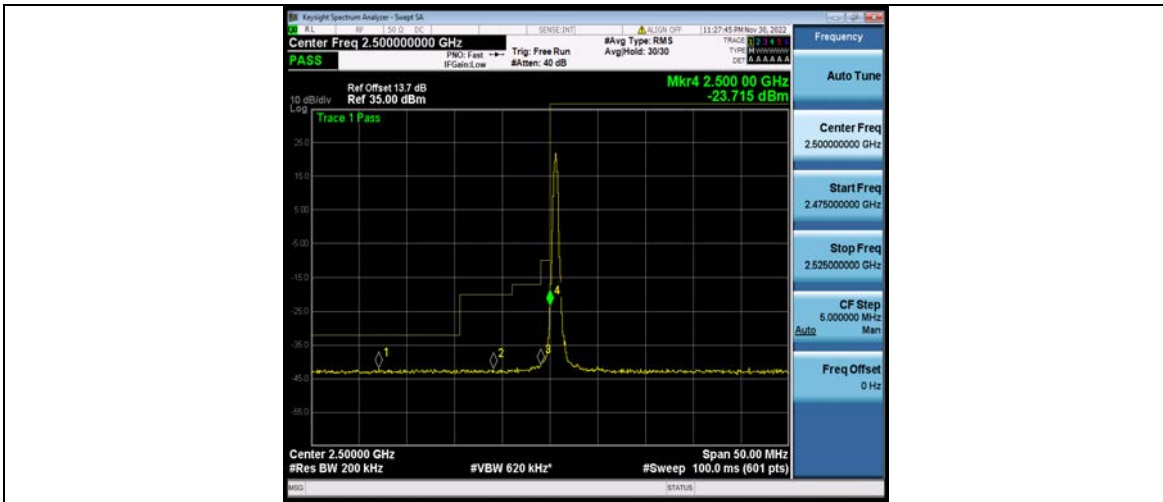
Band7-10MHz-16QAM-21400-50RB#0



Band7-10MHz-64QAM-20800-1RB#0



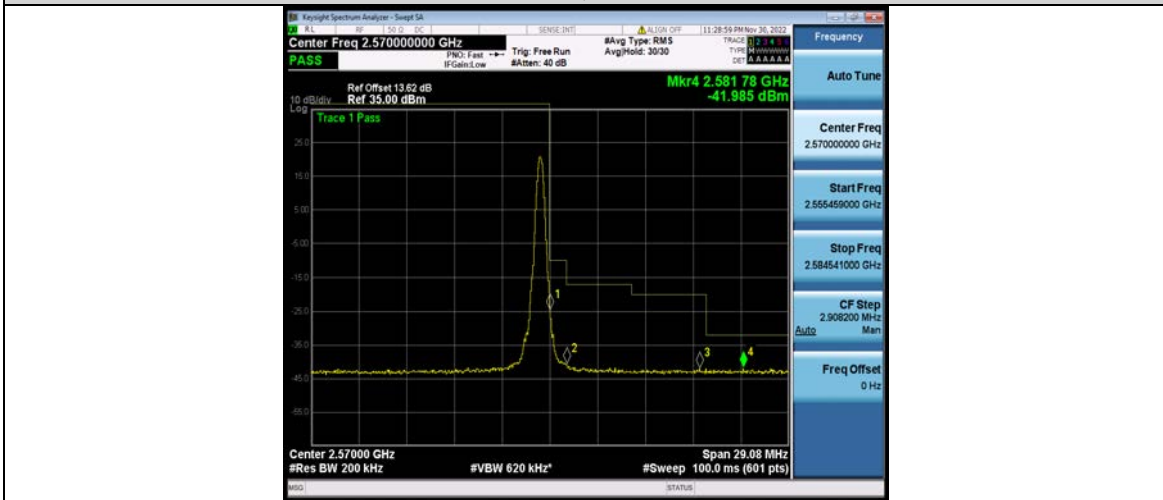
Test Report No.: W7L-P23100014RF06



Band7-10MHz-64QAM-20800-50RB#0



Band7-10MHz-64QAM-21400-1RB#49



Band7-10MHz-64QAM-21400-50RB#0



Test Report No.: W7L-P23100014RF06



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



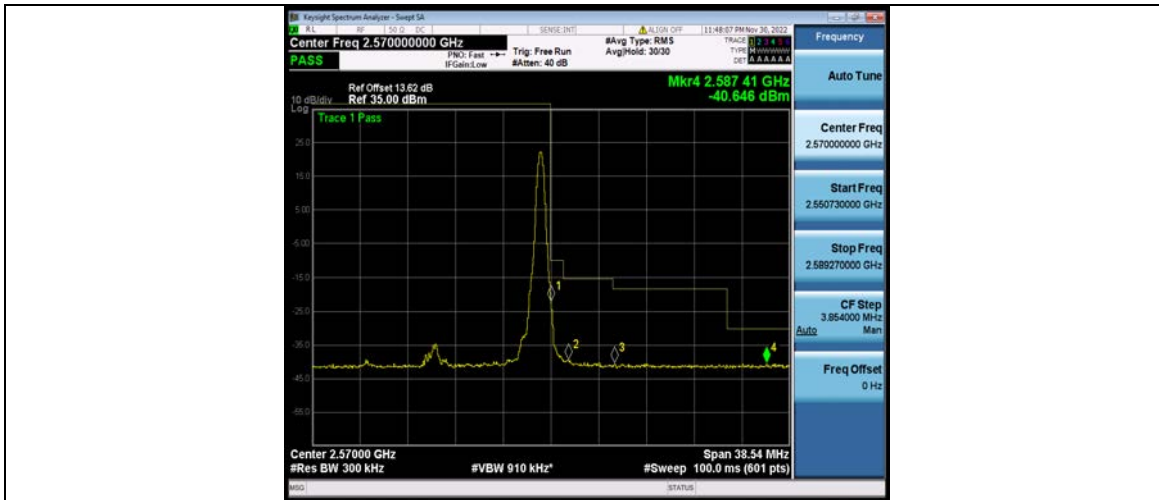
Band7-15MHz-QPSK-20825-75RB#0



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



Test Report No.: W7L-P23100014RF06



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



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



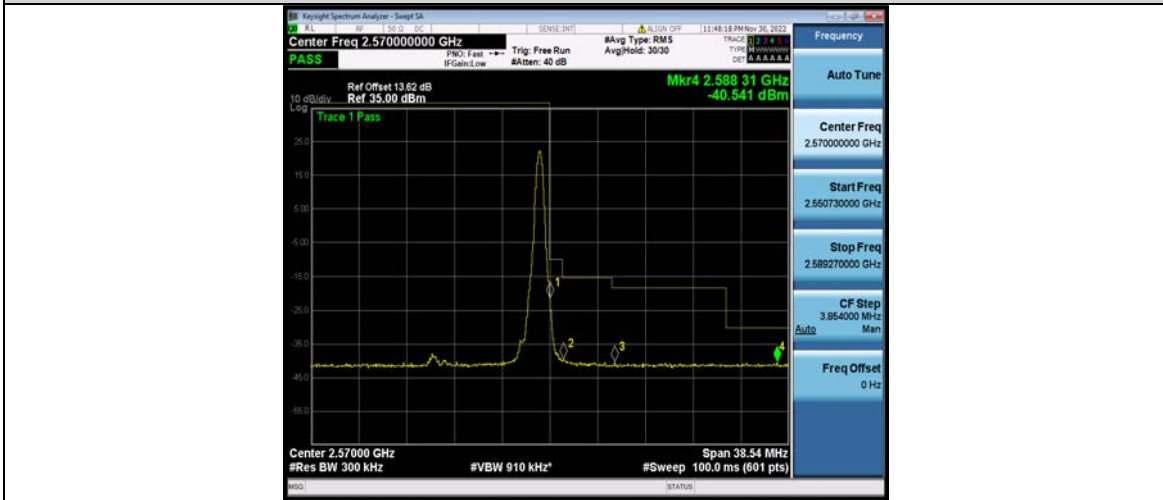
Band7-15MHz-16QAM-20825-75RB#0



Test Report No.: W7L-P23100014RF06



Band7-15MHz-16QAM-21375-1RB#74



Band7-15MHz-16QAM-21375-75RB#0



Band7-15MHz-64QAM-20825-1RB#0



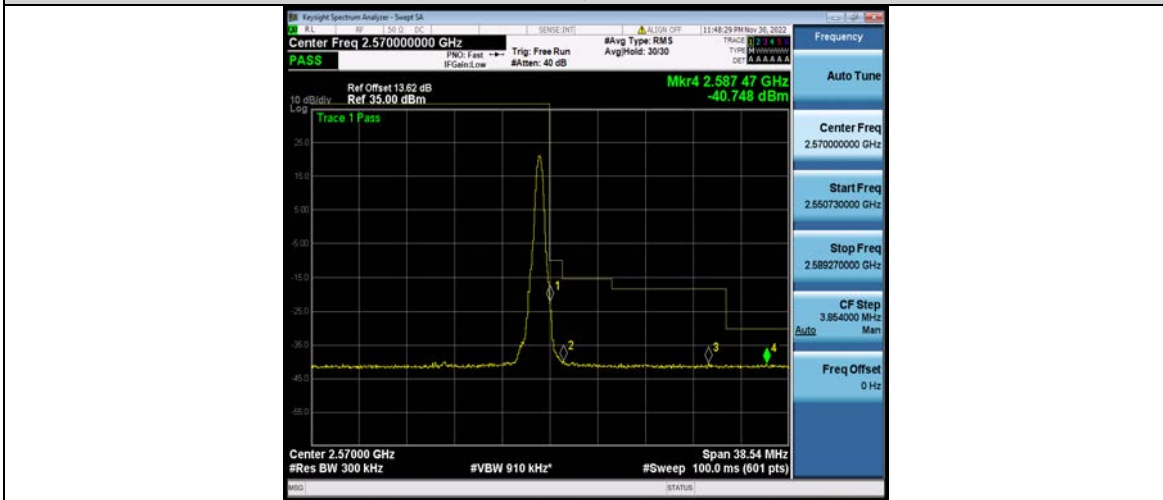
Test Report No.: W7L-P23100014RF06



Band7-15MHz-64QAM-20825-75RB#0



Band7-15MHz-64QAM-21375-1RB#74



Band7-15MHz-64QAM-21375-75RB#0



Test Report No.: W7L-P23100014RF06



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



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



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



Test Report No.: W7L-P23100014RF06



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



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



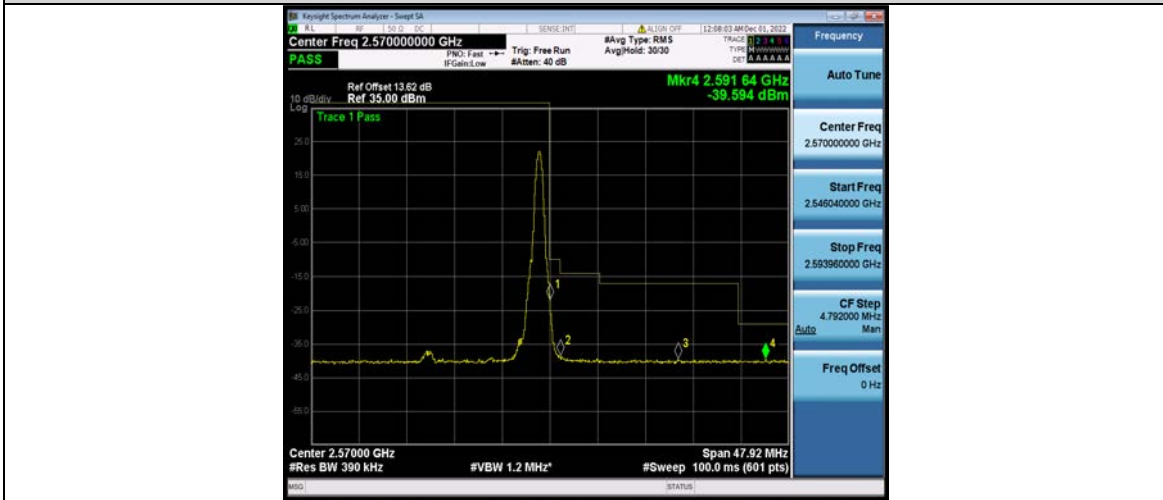
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Test Report No.: W7L-P23100014RF06



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



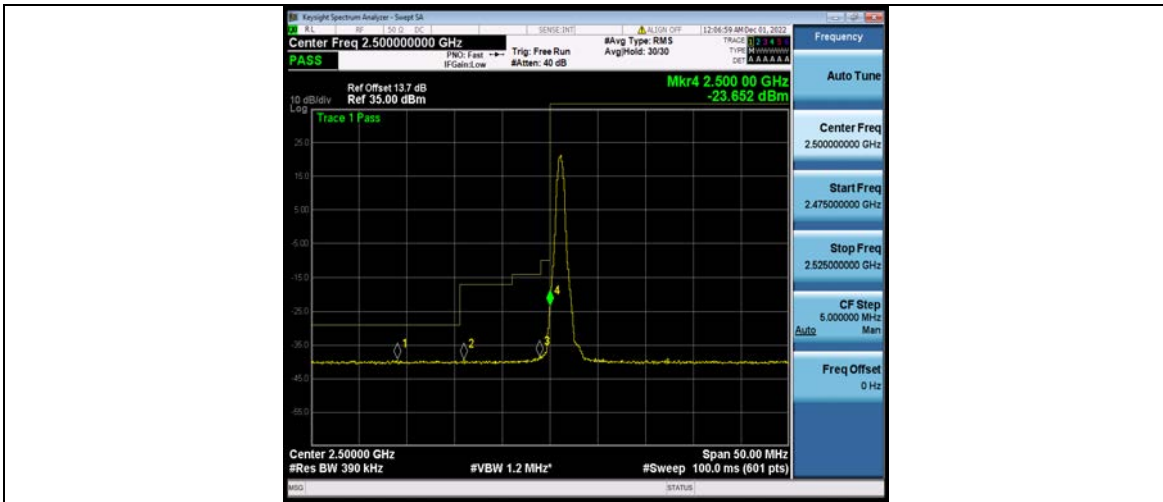
Band7-20MHz-16QAM-21350-100RB#0



Band7-20MHz-64QAM-20850-1RB#0



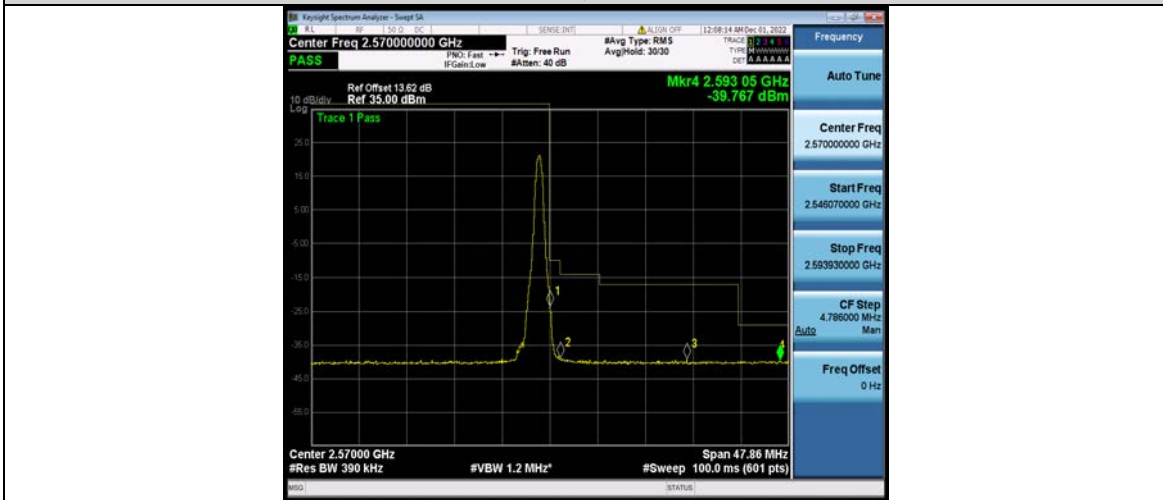
Test Report No.: W7L-P23100014RF06



Band7-20MHz-64QAM-20850-100RB#0



Band7-20MHz-64QAM-21350-1RB#99



Band7-20MHz-64QAM-21350-100RB#0



Test Report No.: W7L-P23100014RF06





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Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-39.95	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~27000MHz	-31.02	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-40.16	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-30.8	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-39.42	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~27000MHz	-31.45	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-40.34	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~27000MHz	-31.47	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-40.97	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-31.03	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-41.23	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~27000MHz	-30.9	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range1:30~1000MHz	-40.35	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range2:1000~27000MHz	-31.09	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-41.45	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-30.66	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range1:30~1000MHz	-40.83	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range2:1000~27000MHz	-30.08	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-41.71	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~27000MHz	-30.77	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-41.18	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-31.58	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-40.63	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~27000MHz	-31.46	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-40.22	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~27000MHz	-31.04	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-40.3	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-31.24	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-40.71	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~27000MHz	-31.45	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range1:30~1000MHz	-40.91	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range2:1000~27000MHz	-31.32	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-40.47	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-30.52	PASS
Band7	10MHz	64QAM	21400	1RB#0	Range1:30~1000MHz	-41.29	PASS
Band7	10MHz	64QAM	21400	1RB#0	Range2:1000~27000MHz	-31.55	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-40.18	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~27000MHz	-30.9	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-41.06	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-31.01	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-40.67	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~27000MHz	-30.29	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-40.88	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~27000MHz	-31.11	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-40.25	PASS

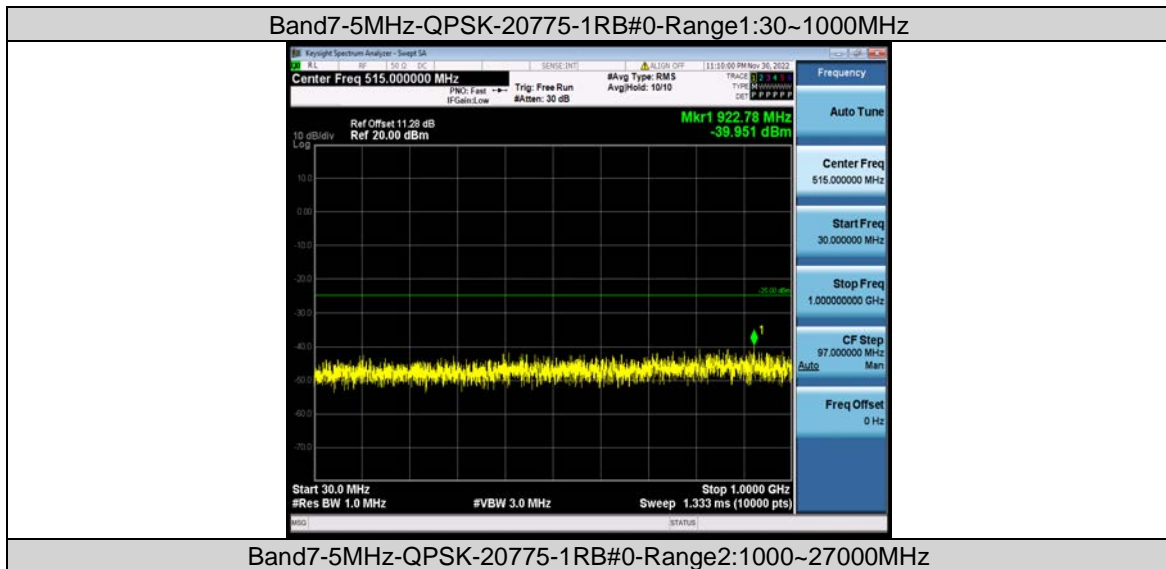


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Test Report No.: W7L-P23100014RF06

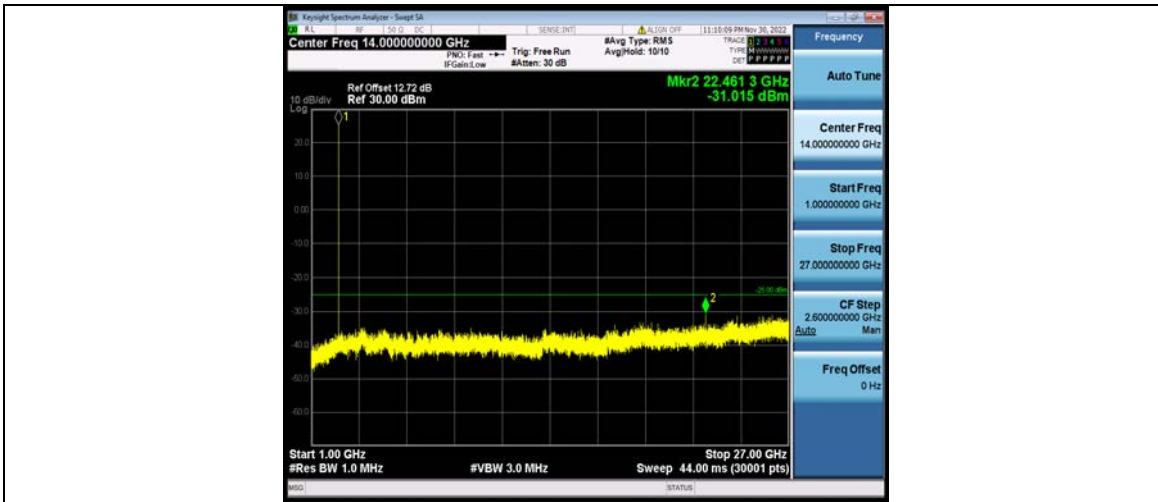
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-30.23	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-41.05	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~27000MHz	-31.48	PASS
Band7	15MHz	64QAM	20825	1RB#0	Range1:30~1000MHz	-41.01	PASS
Band7	15MHz	64QAM	20825	1RB#0	Range2:1000~27000MHz	-31.02	PASS
Band7	15MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-39.5	PASS
Band7	15MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-30.59	PASS
Band7	15MHz	64QAM	21375	1RB#0	Range1:30~1000MHz	-40.43	PASS
Band7	15MHz	64QAM	21375	1RB#0	Range2:1000~27000MHz	-30.47	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-41.49	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~27000MHz	-30.78	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-40.28	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~27000MHz	-31.3	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-40.43	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~27000MHz	-31.05	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-40.57	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~27000MHz	-31.22	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-39.71	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~27000MHz	-30.39	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-40.95	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~27000MHz	-30.54	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range1:30~1000MHz	-41.31	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range2:1000~27000MHz	-31.01	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-40.74	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range2:1000~27000MHz	-30.84	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range1:30~1000MHz	-41.42	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range2:1000~27000MHz	-30.71	PASS

Test Graphs

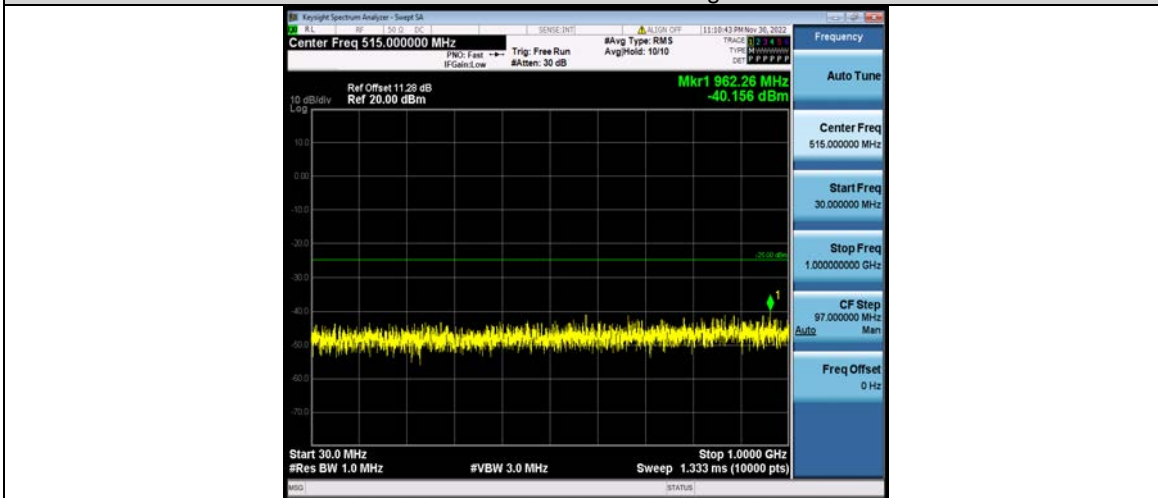




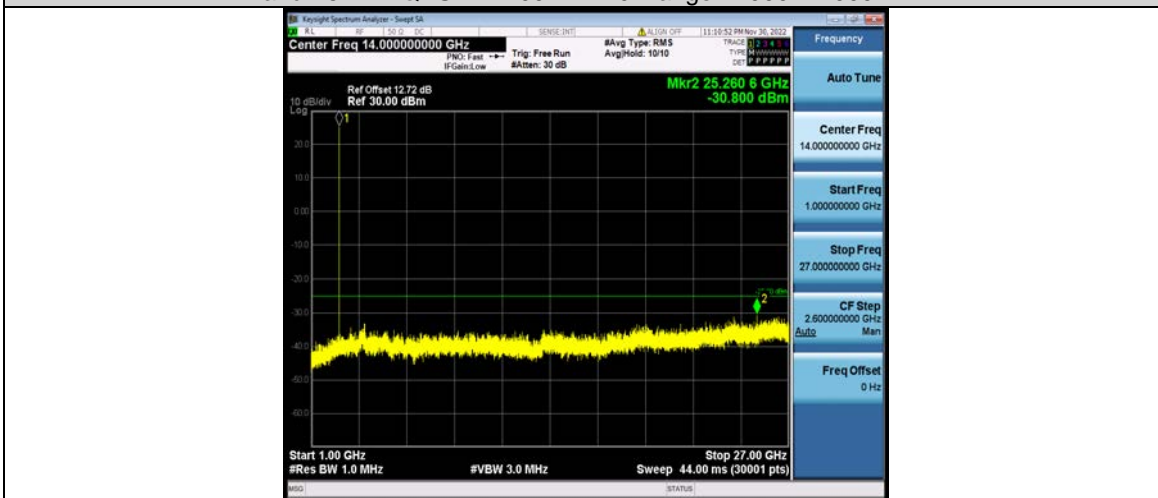
Test Report No.: W7L-P23100014RF06



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



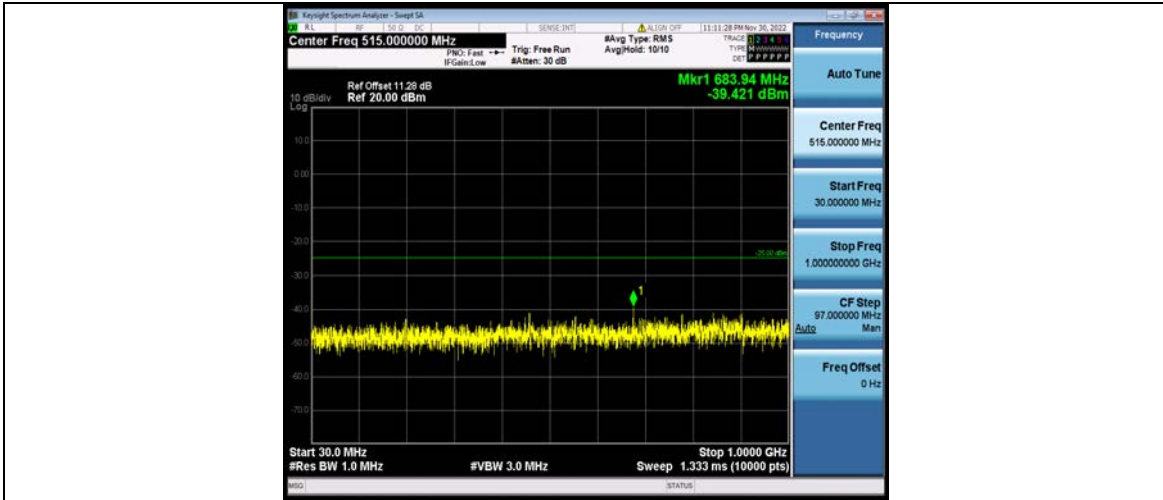
Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



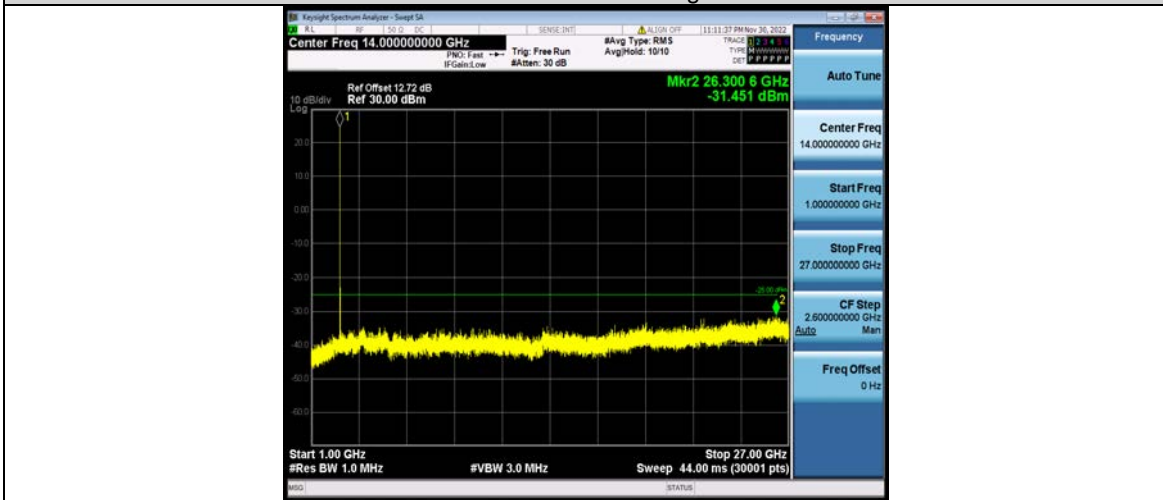
Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz



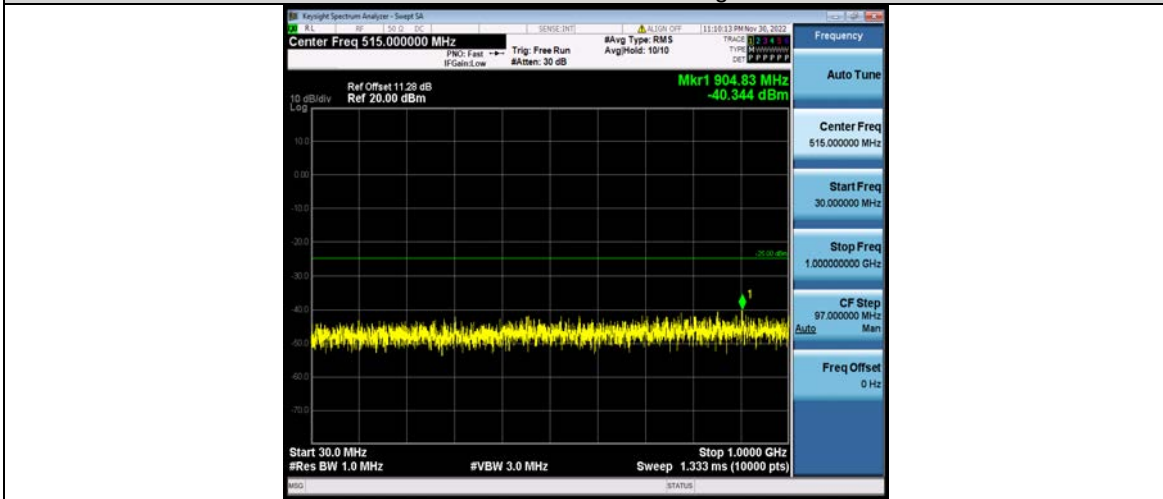
Test Report No.: W7L-P23100014RF06



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



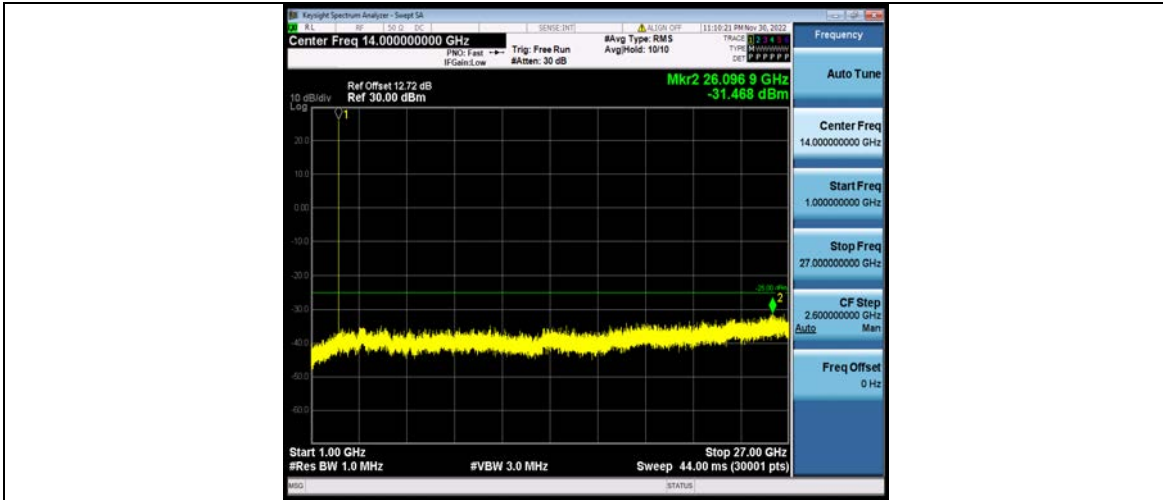
Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz



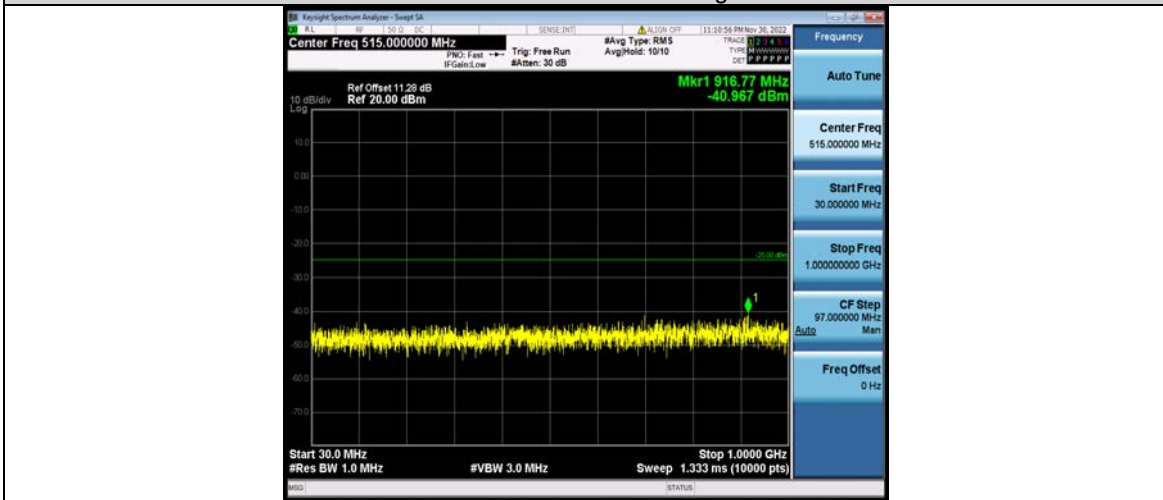
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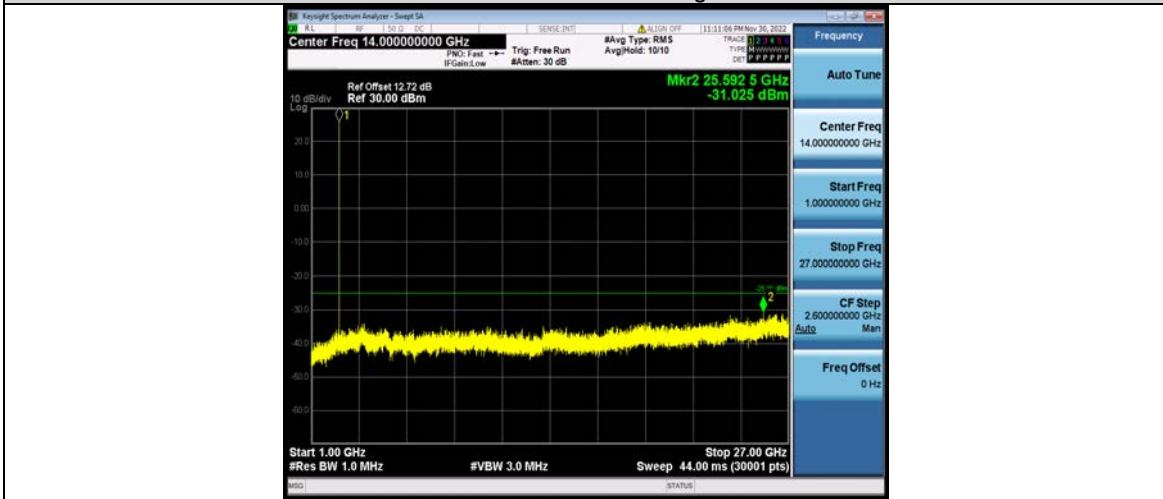
Test Report No.: W7L-P23100014RF06



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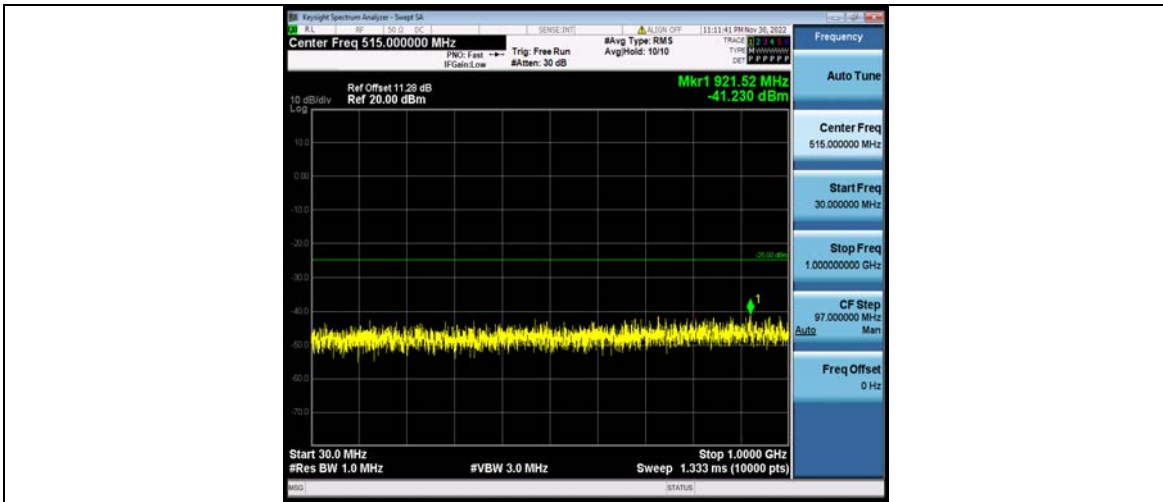
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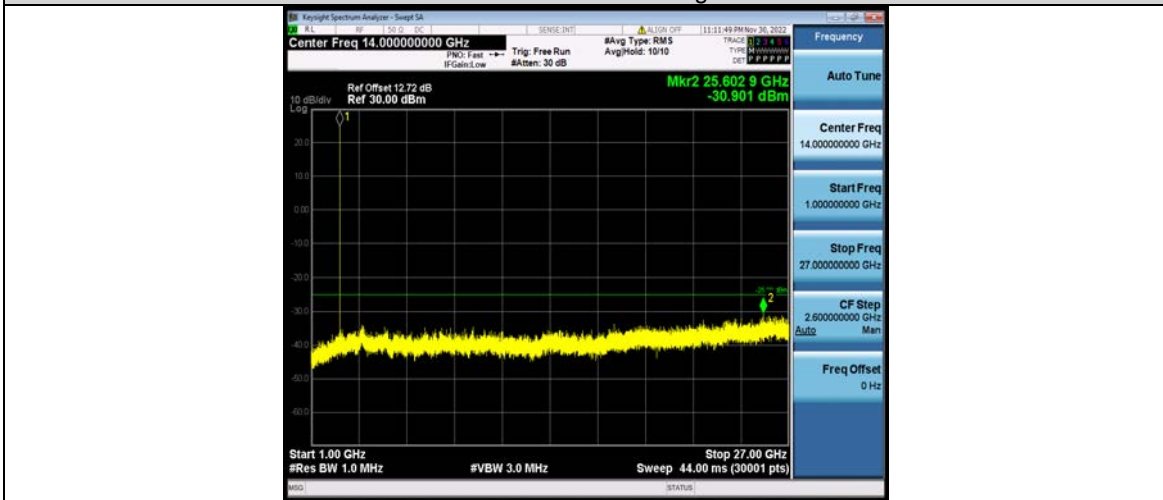
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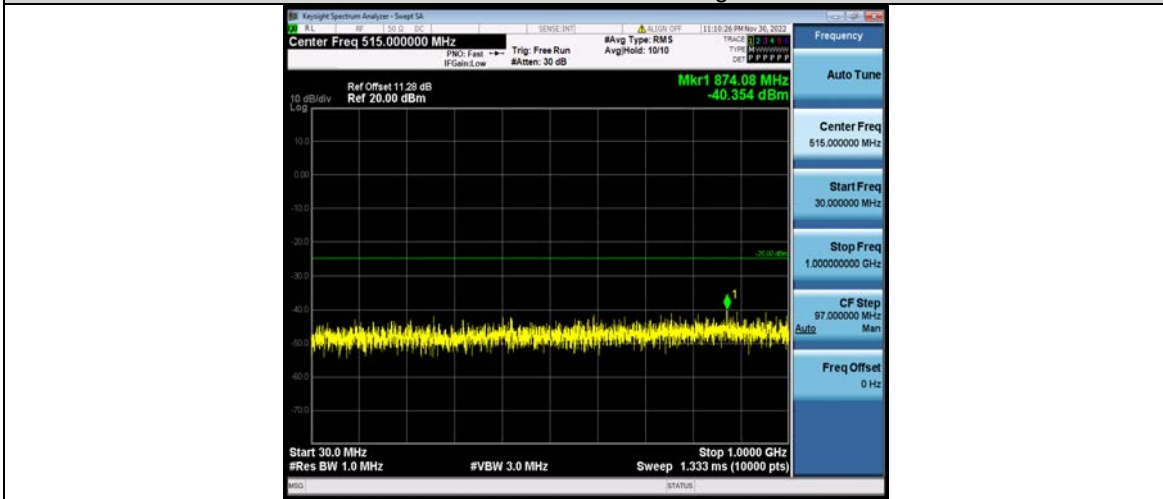
Test Report No.: W7L-P23100014RF06



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



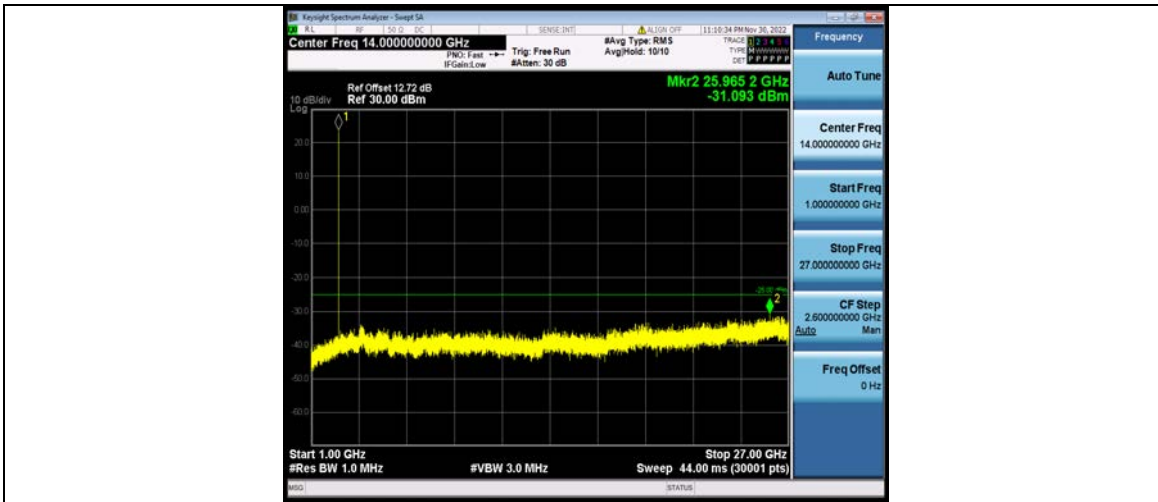
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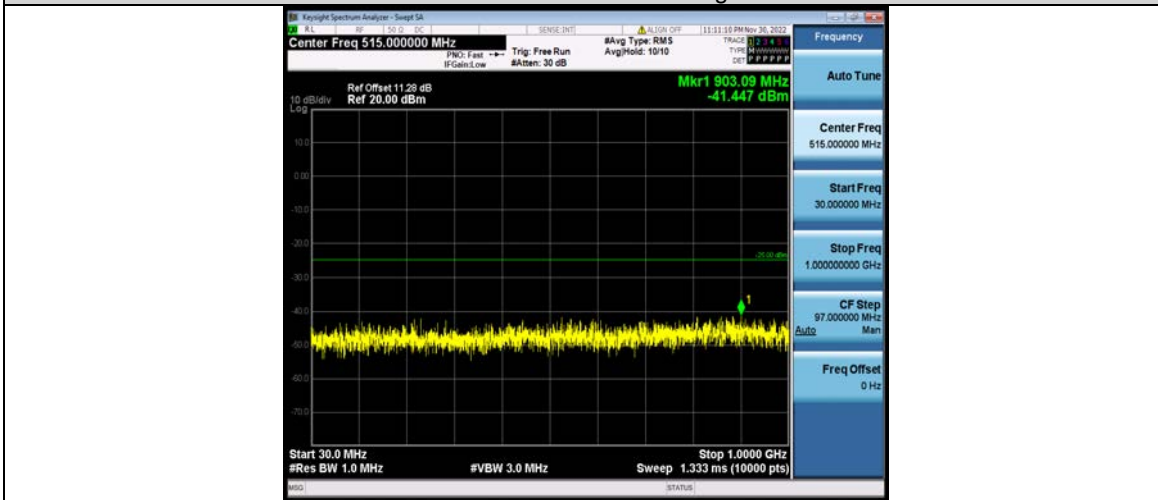
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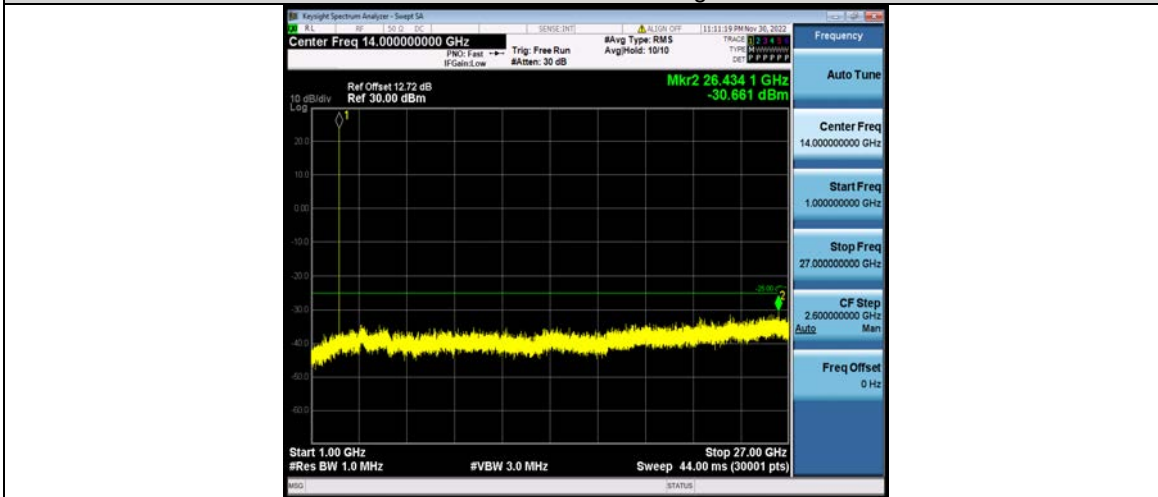
Test Report No.: W7L-P23100014RF06



Band7-5MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



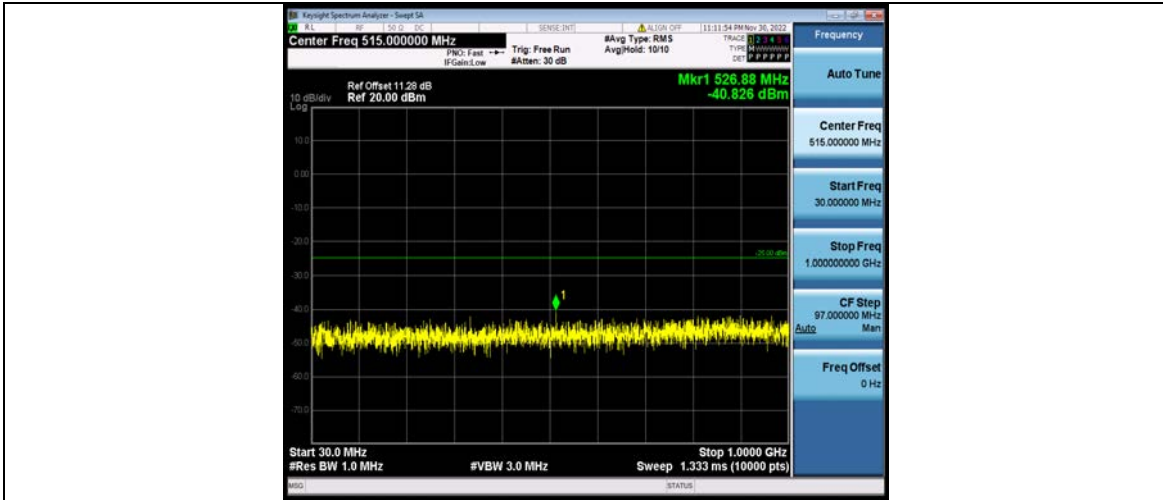
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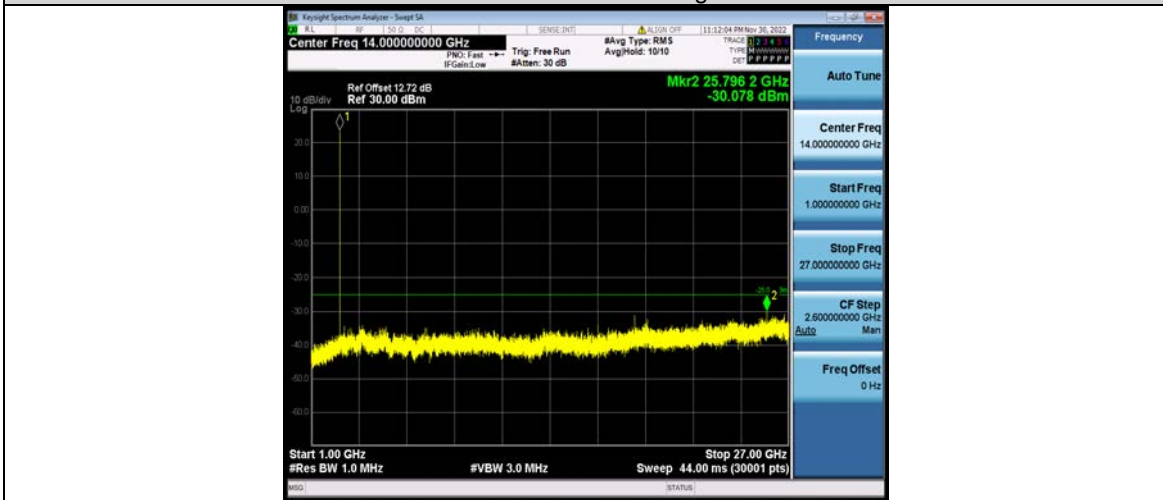
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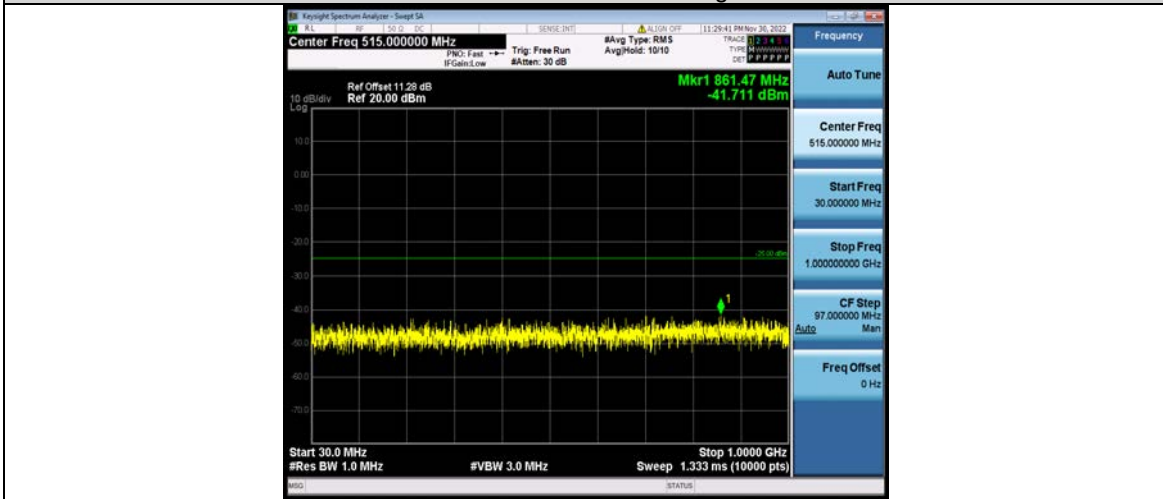
Test Report No.: W7L-P23100014RF06



Band7-5MHz-64QAM-21425-1RB#0-Range2:1000~27000MHz



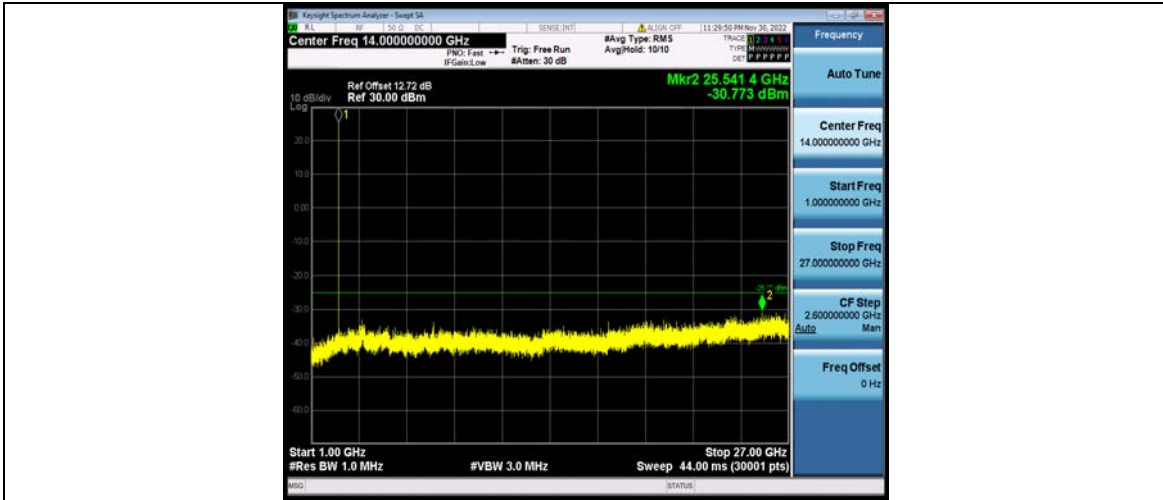
Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz



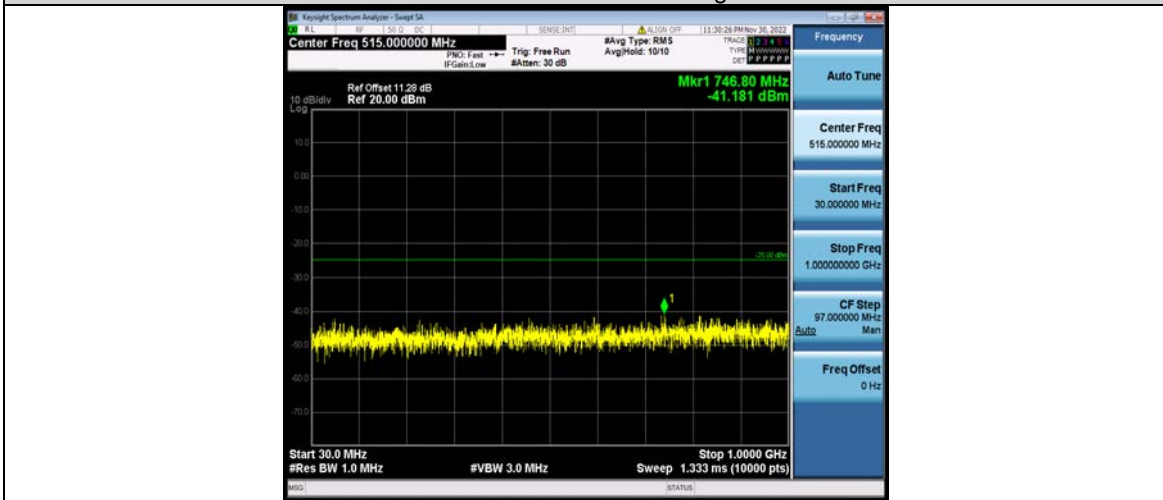
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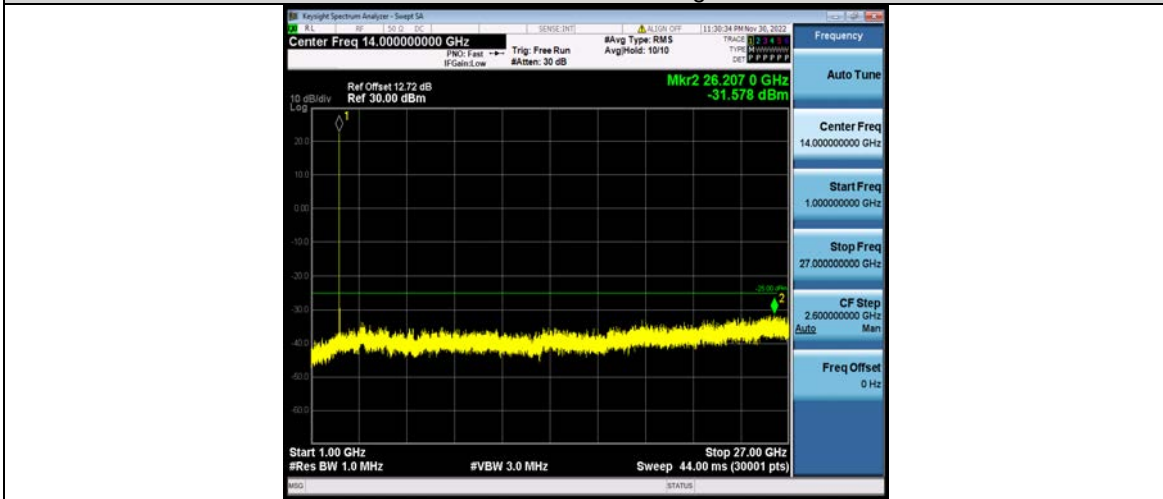
Test Report No.: W7L-P23100014RF06



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



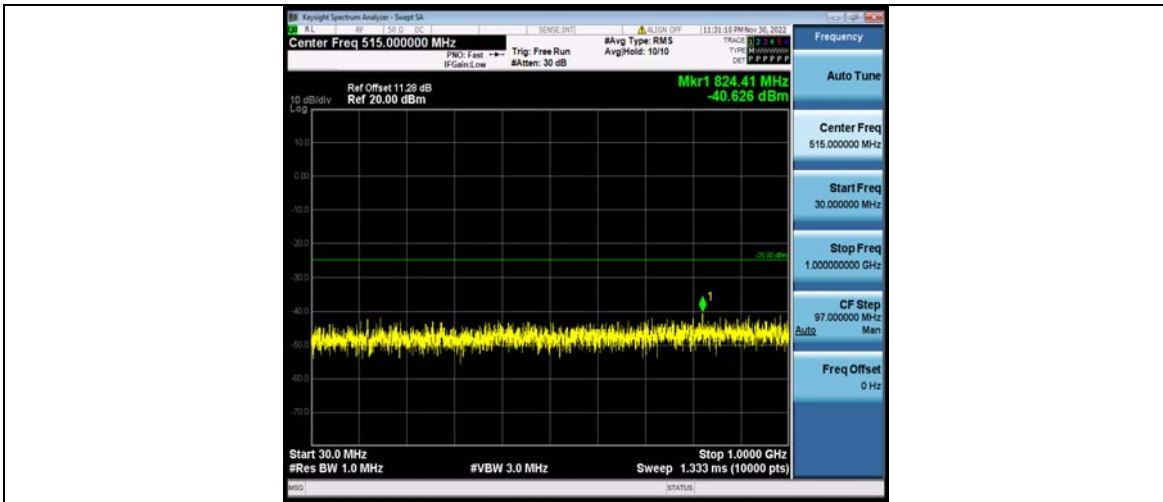
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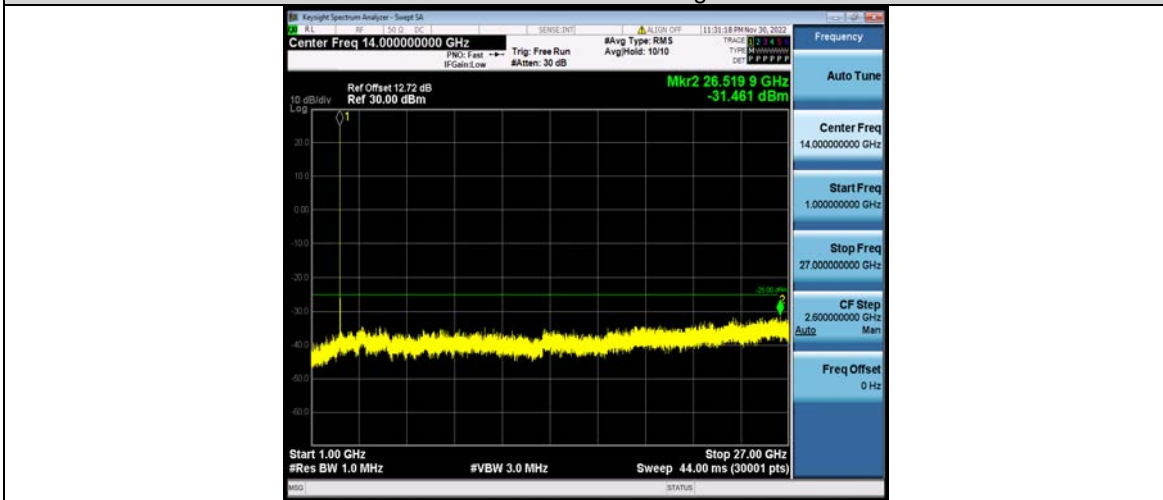
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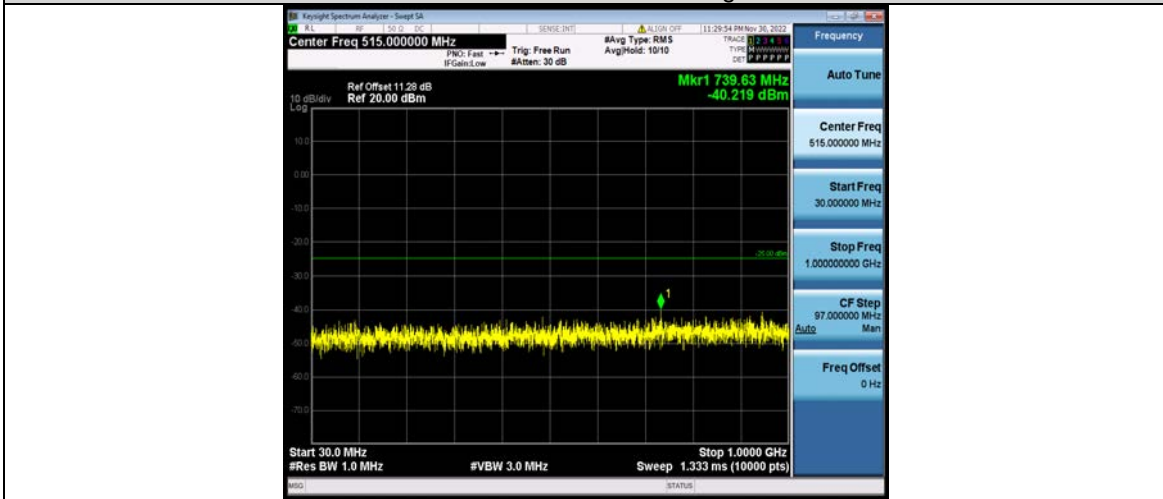
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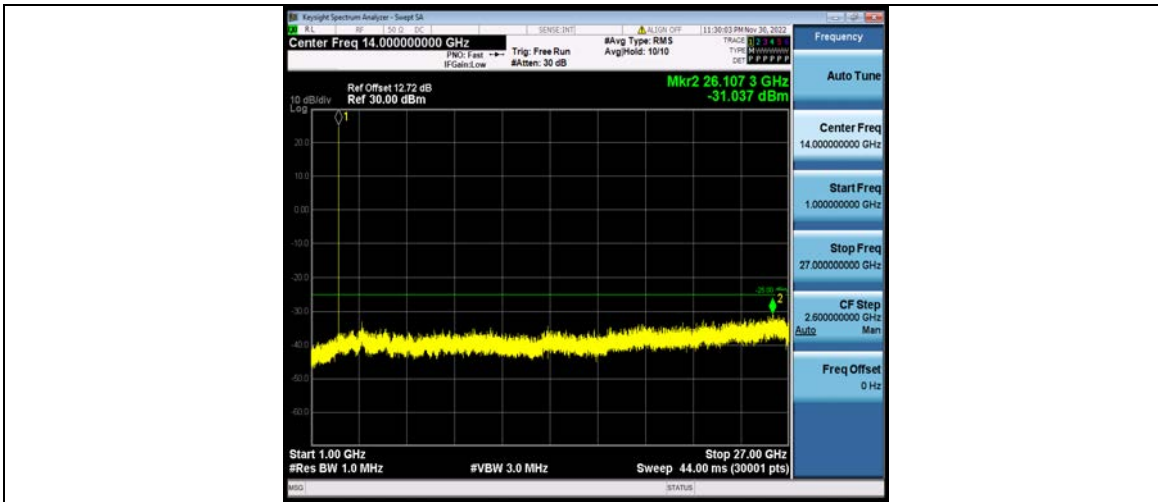
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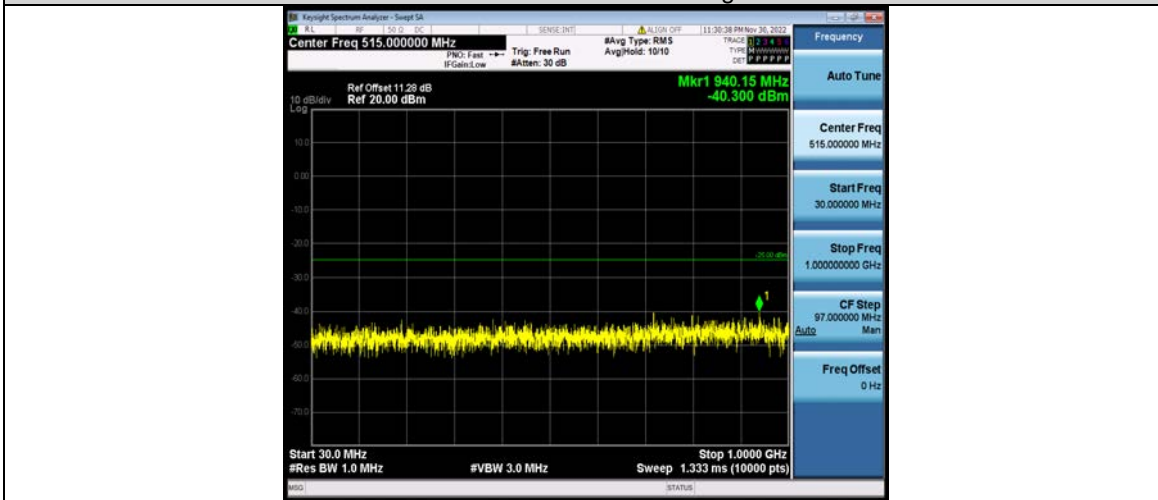
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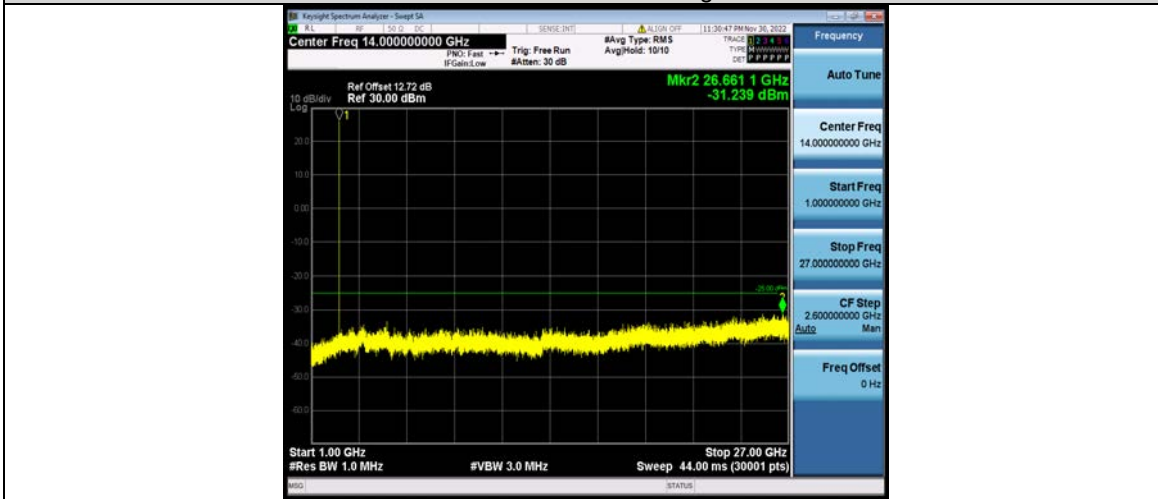
Test Report No.: W7L-P23100014RF06



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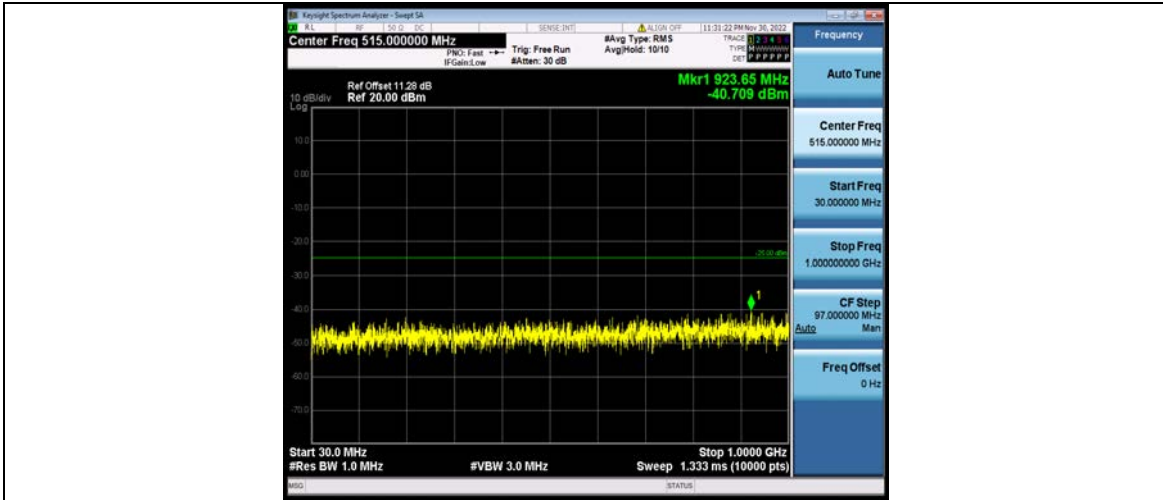
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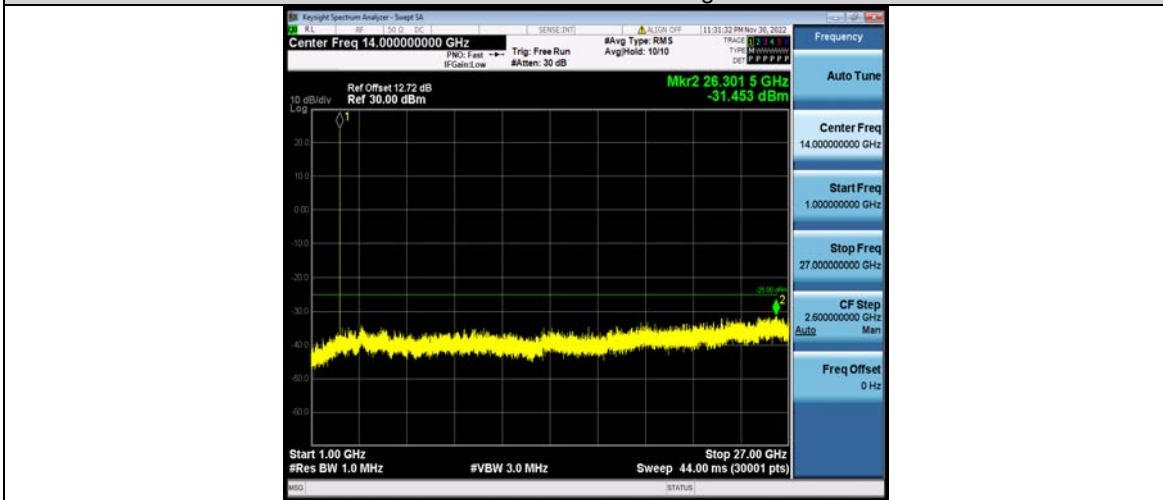
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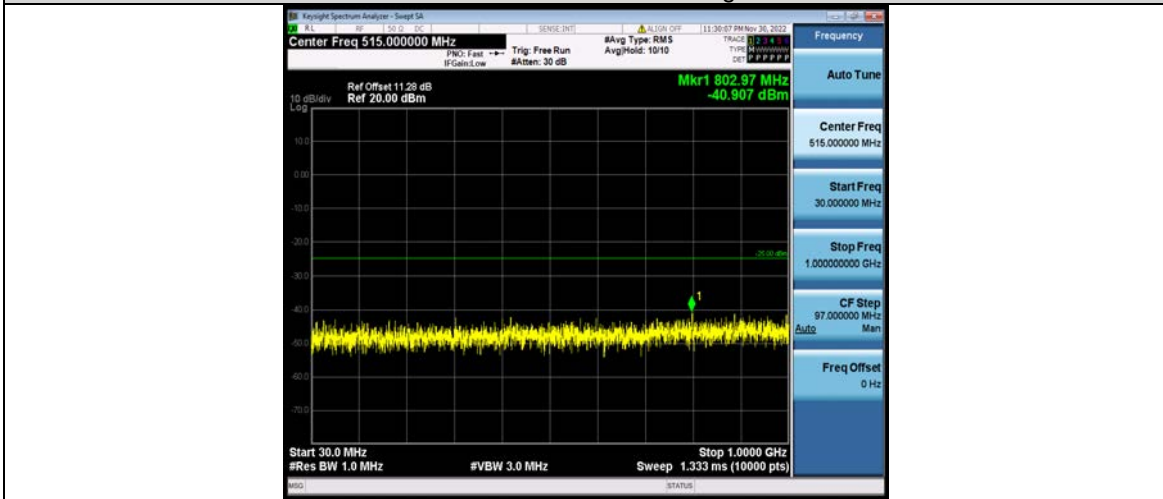
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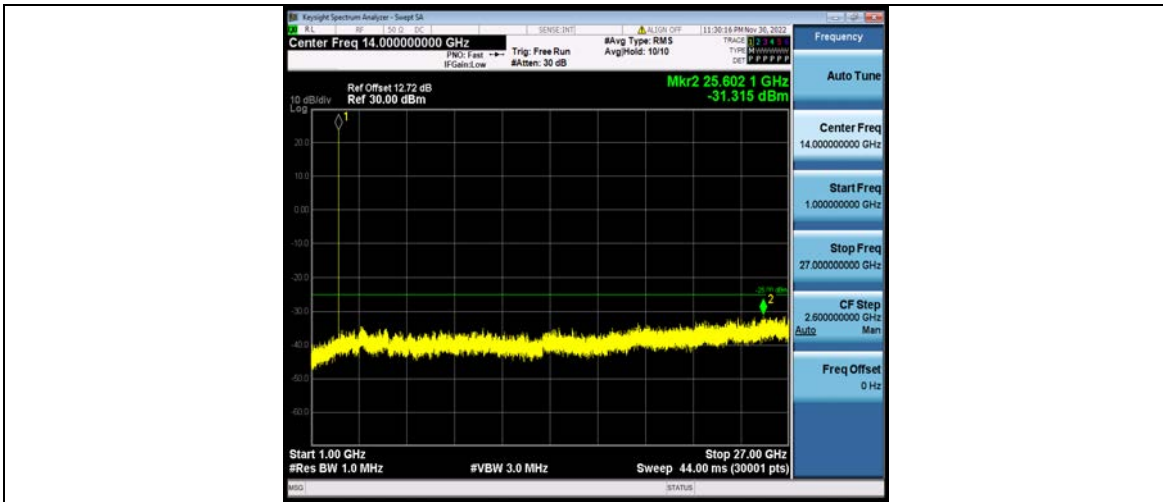
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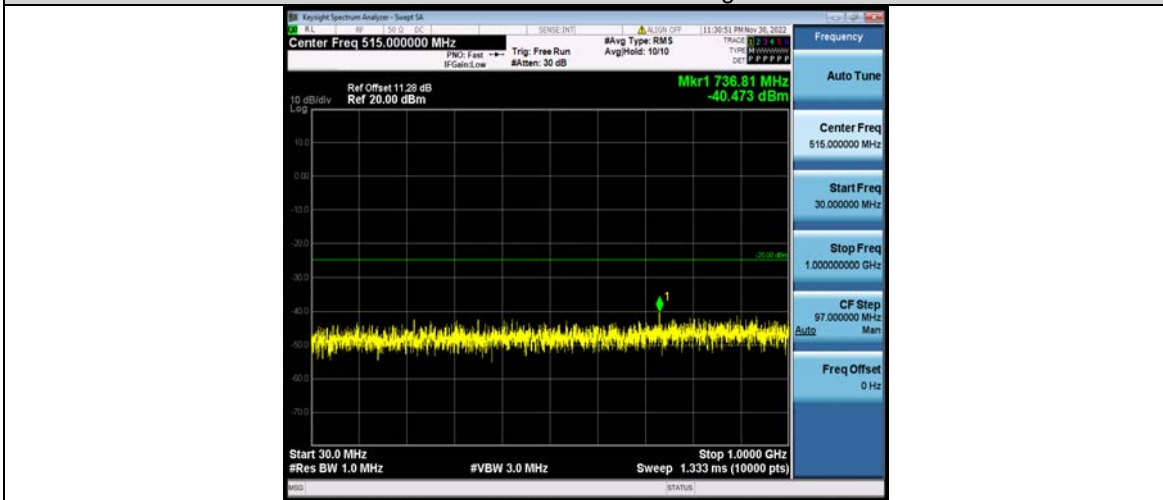
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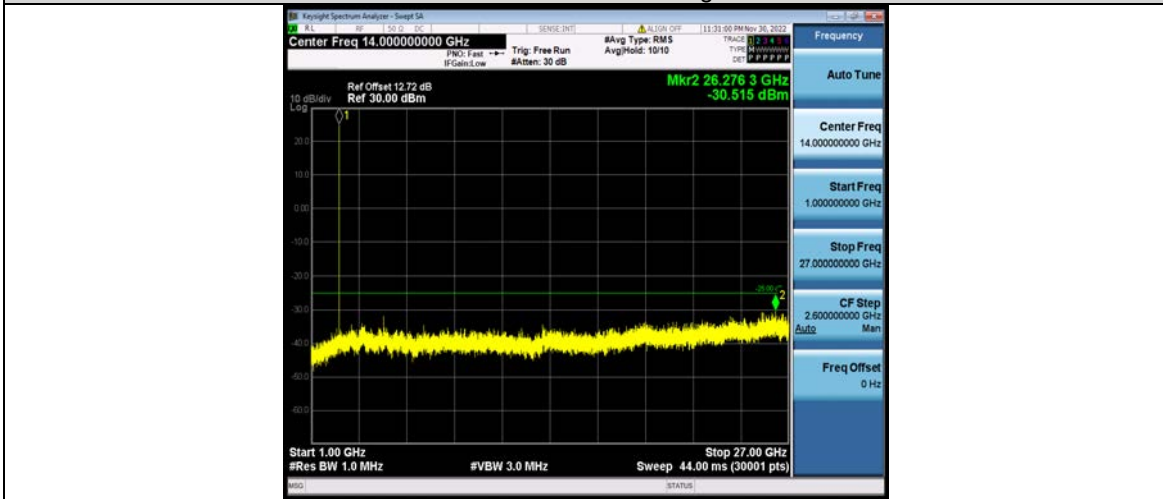
Test Report No.: W7L-P23100014RF06



Band7-10MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



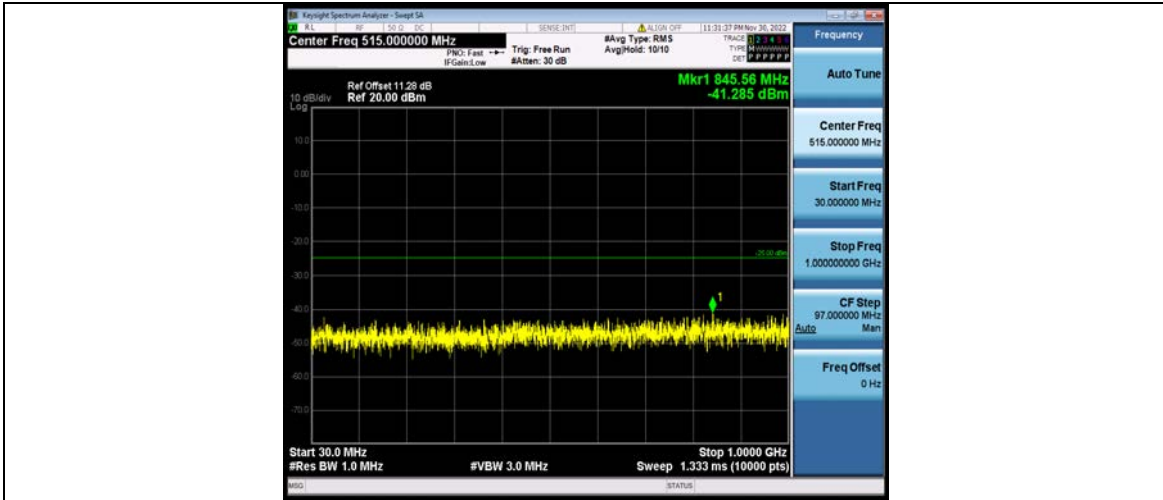
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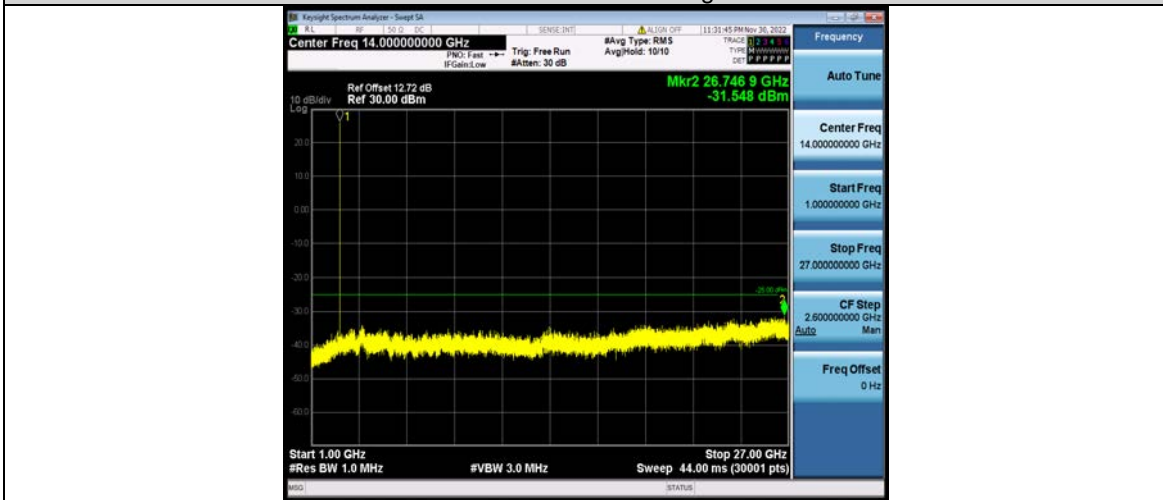
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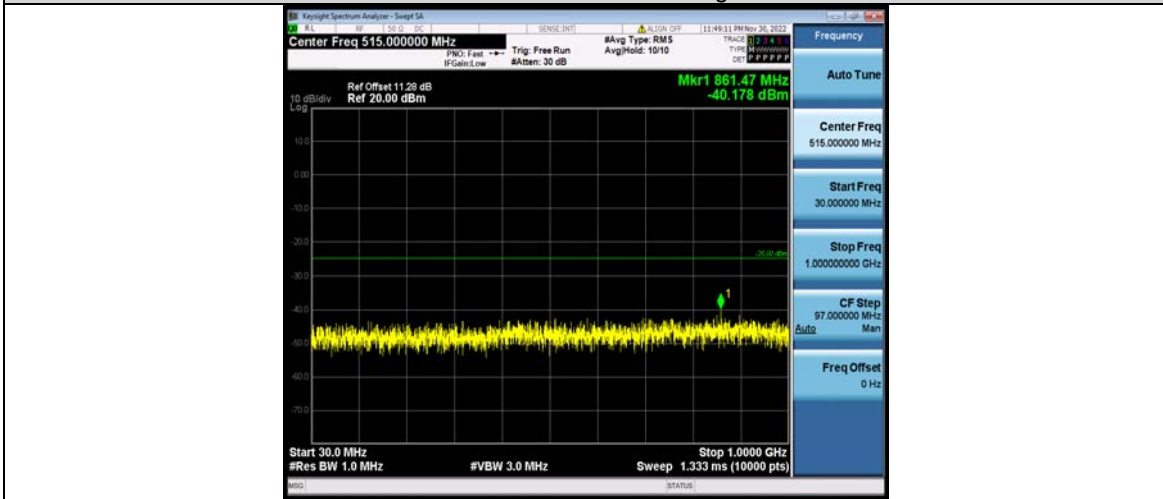
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Band7-10MHz-64QAM-21400-1RB#0-Range2:1000~27000MHz



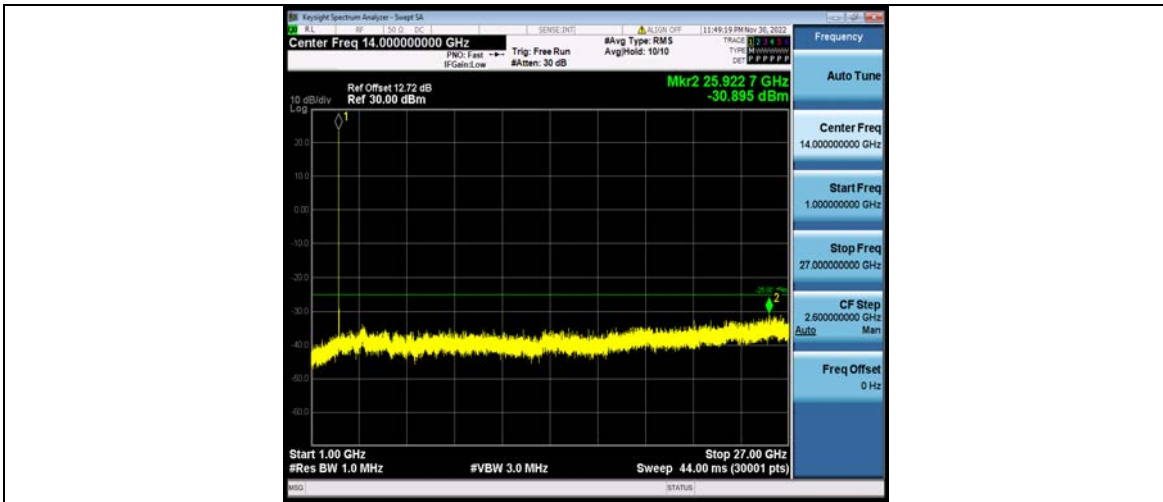
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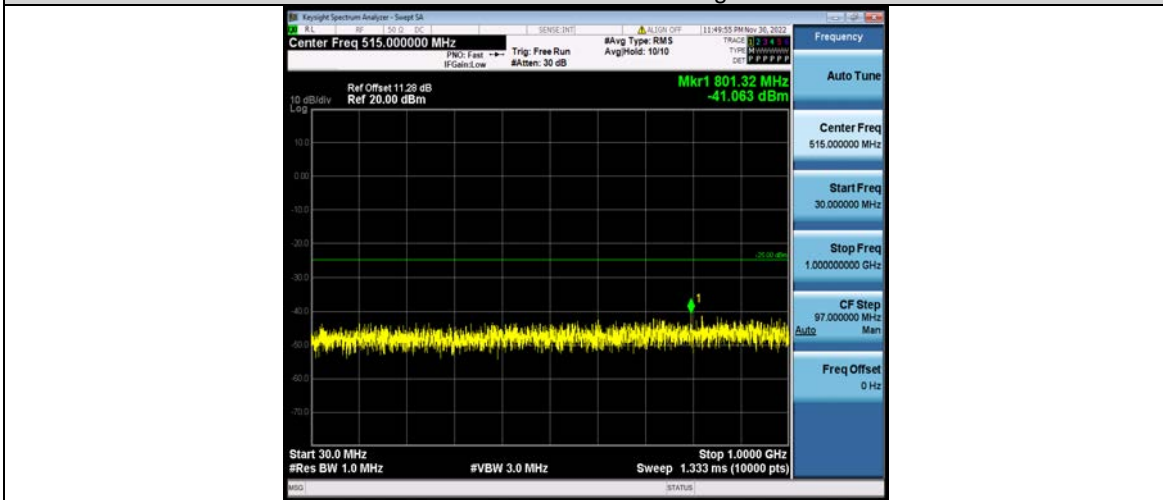
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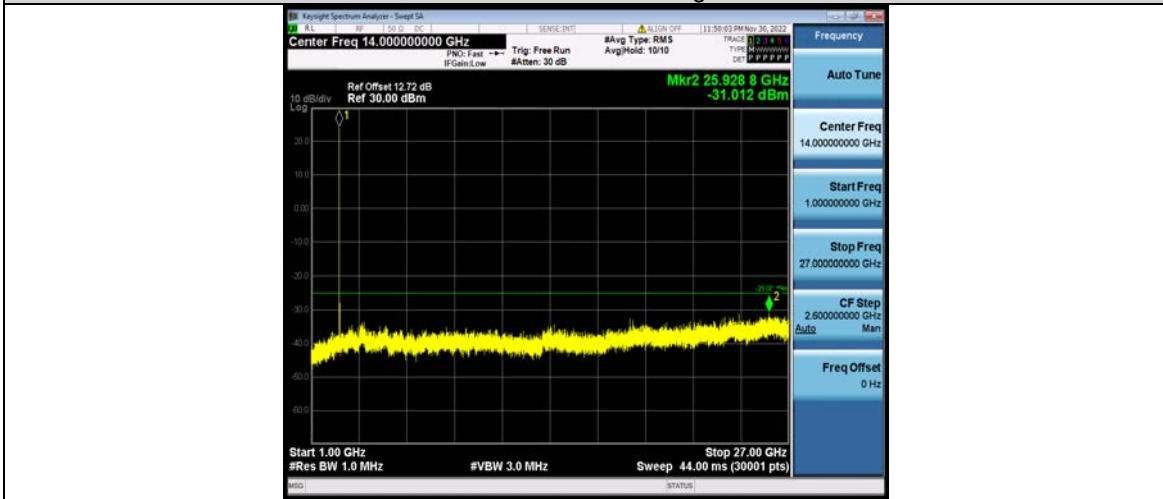
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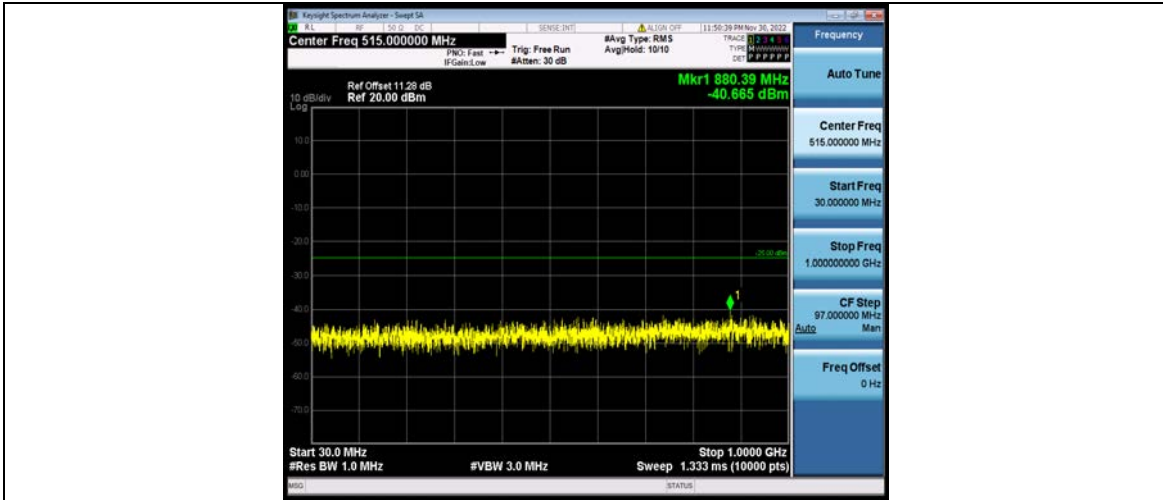
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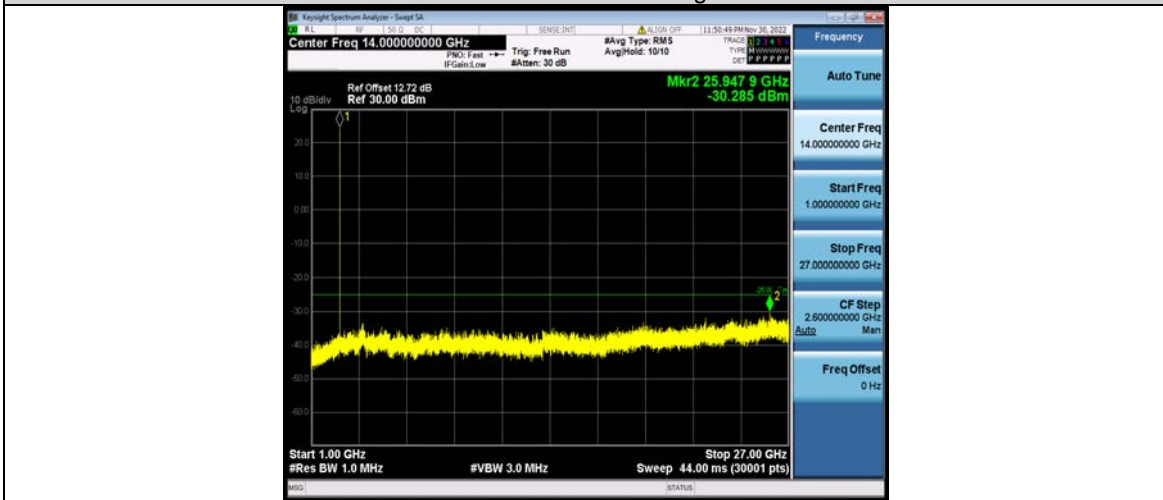
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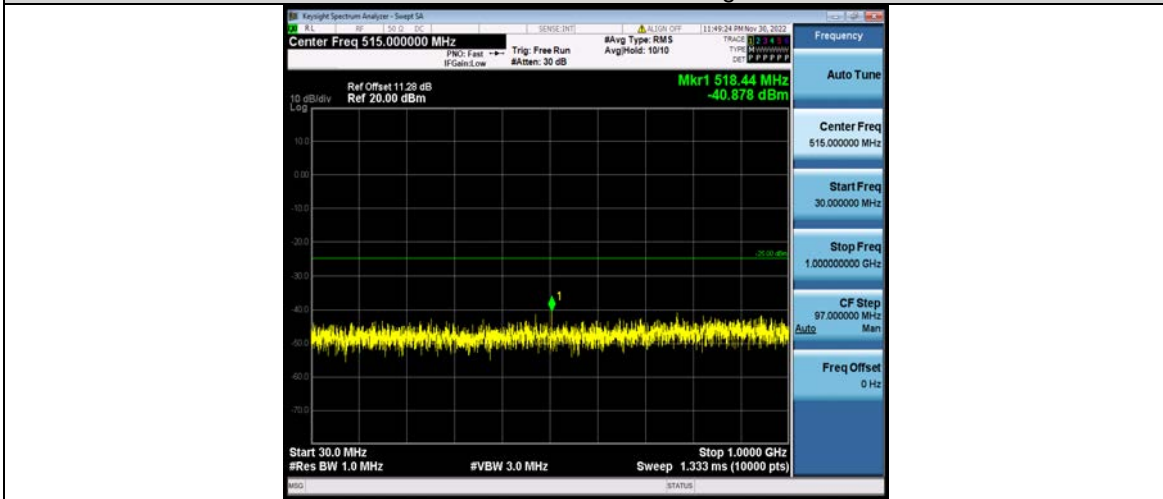
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Band7-15MHz-QPSK-21375-1RB#0-Range2:1000~27000MHz



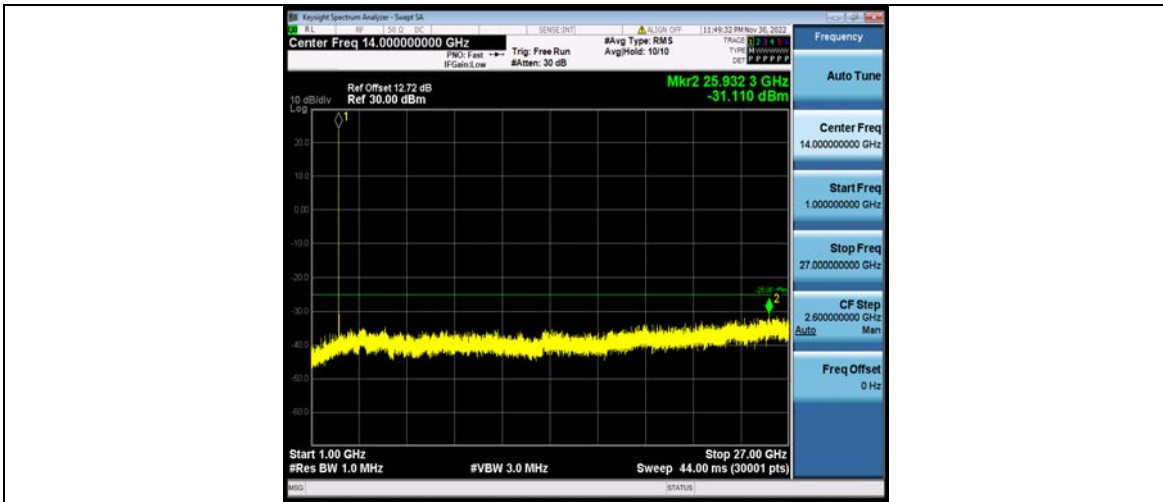
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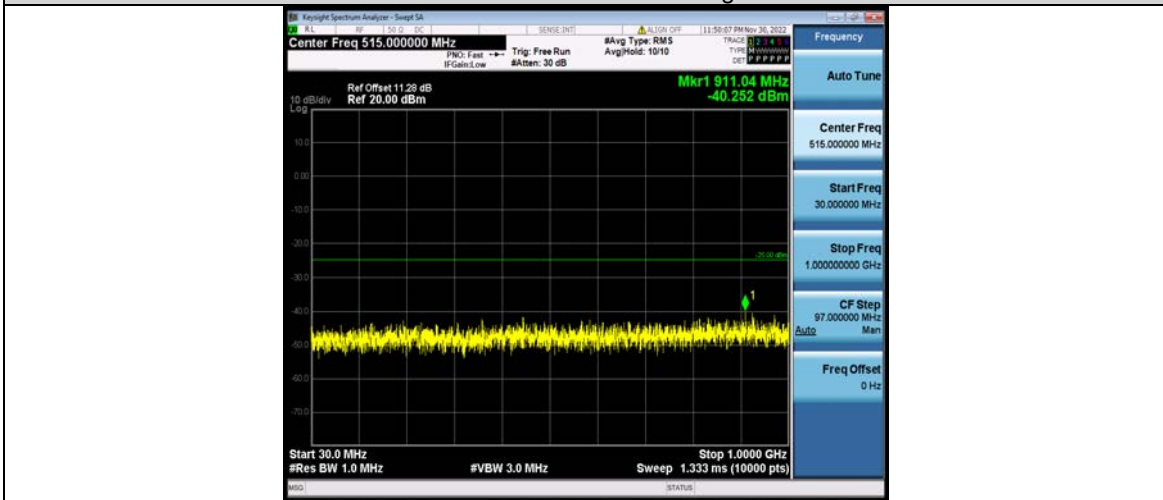
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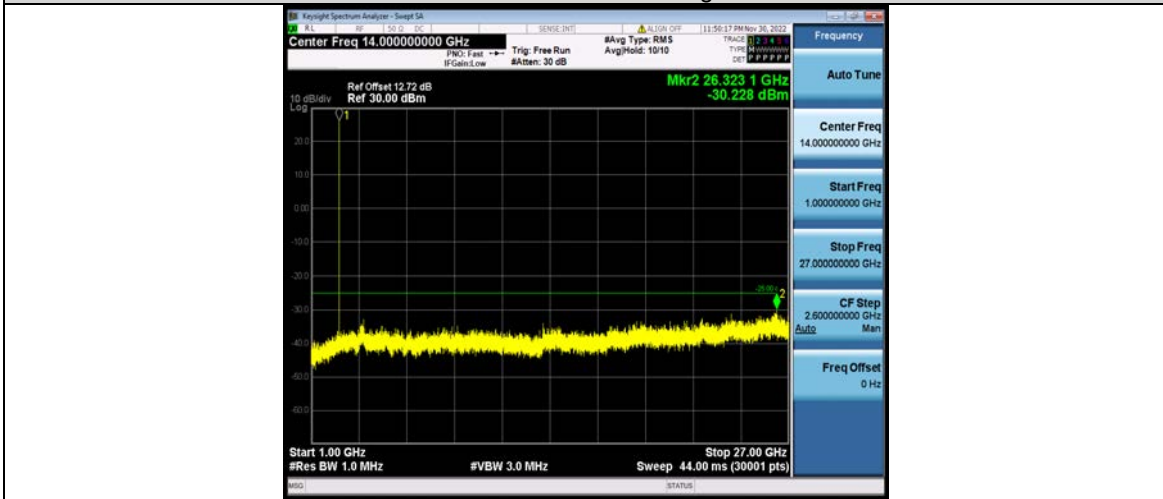
Test Report No.: W7L-P23100014RF06



Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



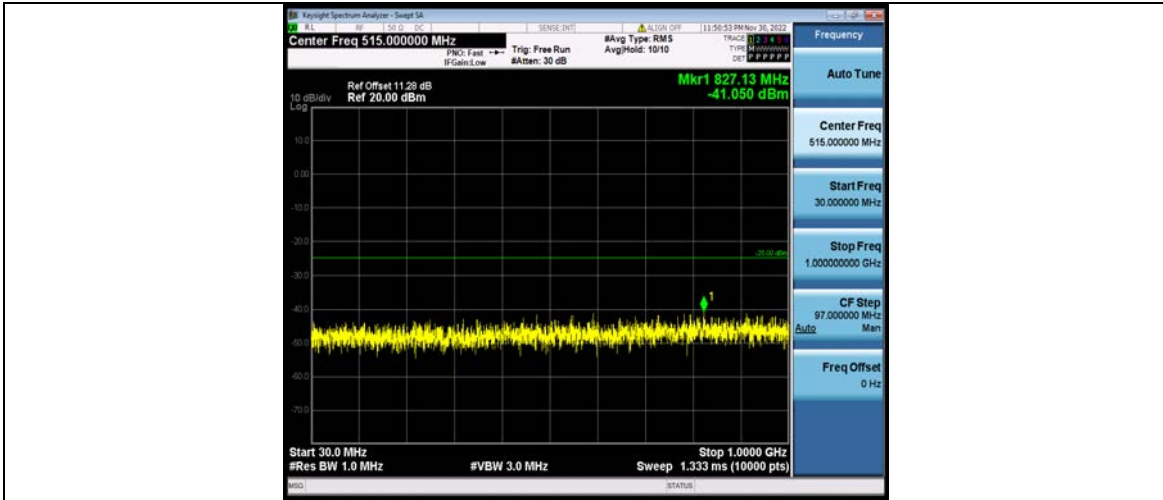
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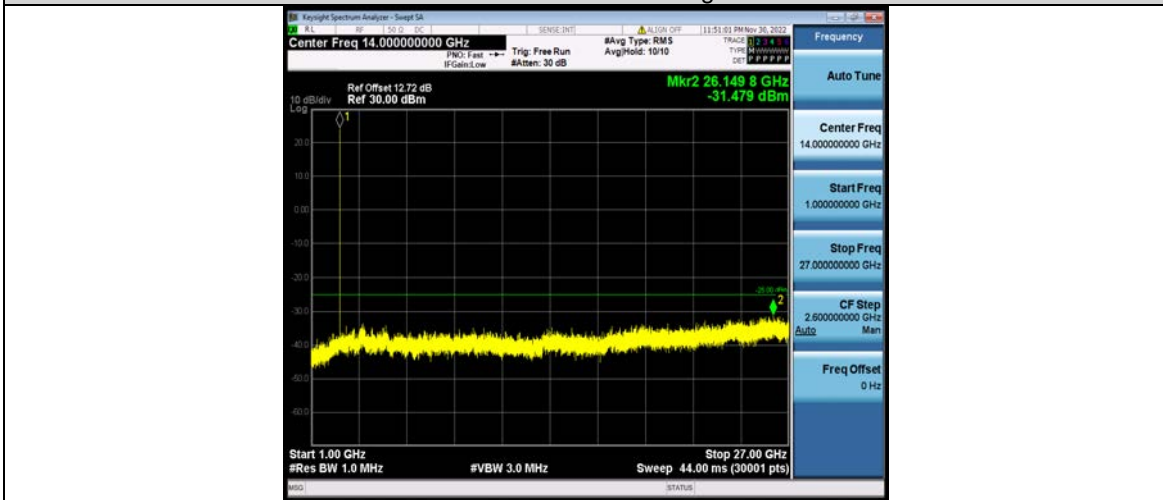
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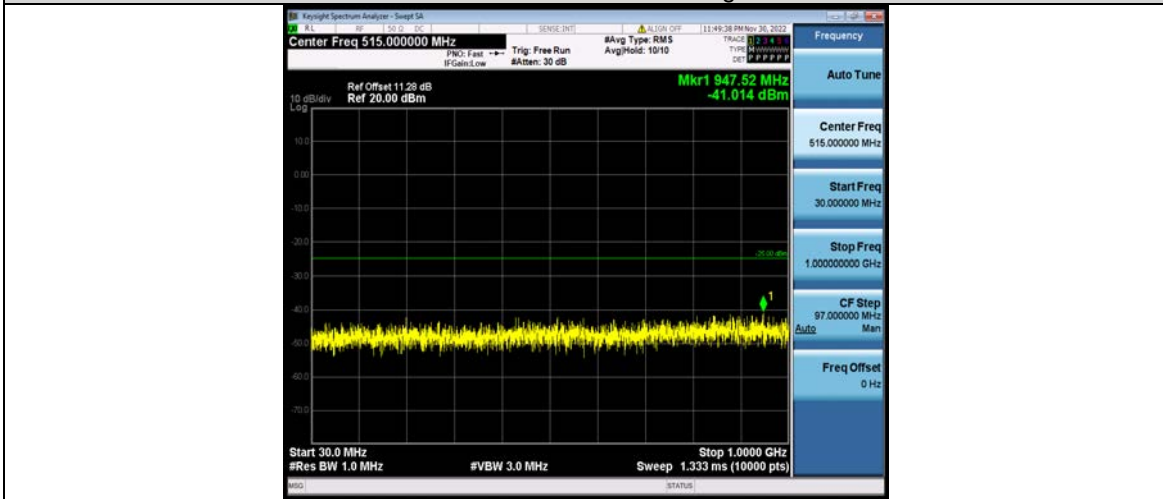
Test Report No.: W7L-P23100014RF06



Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~27000MHz



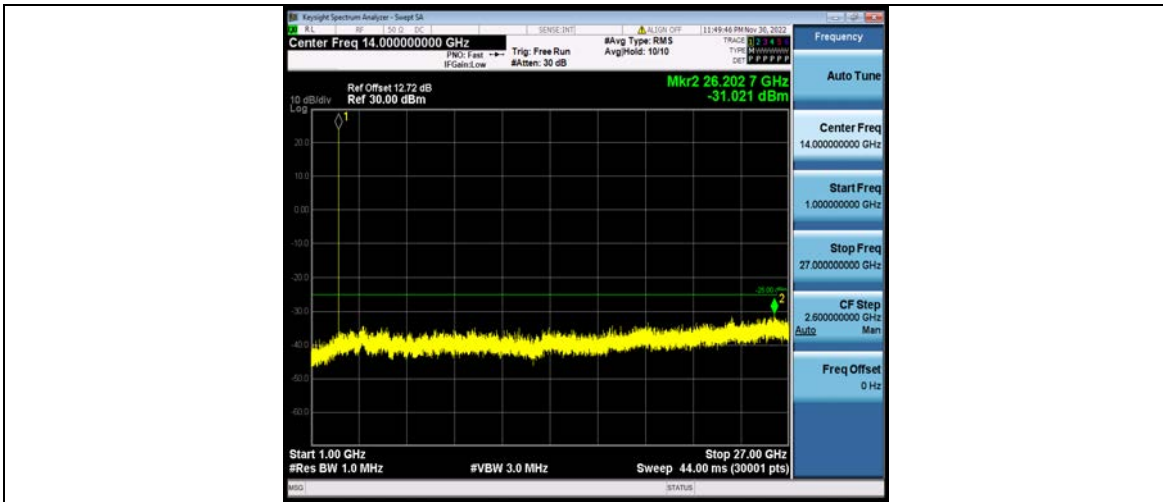
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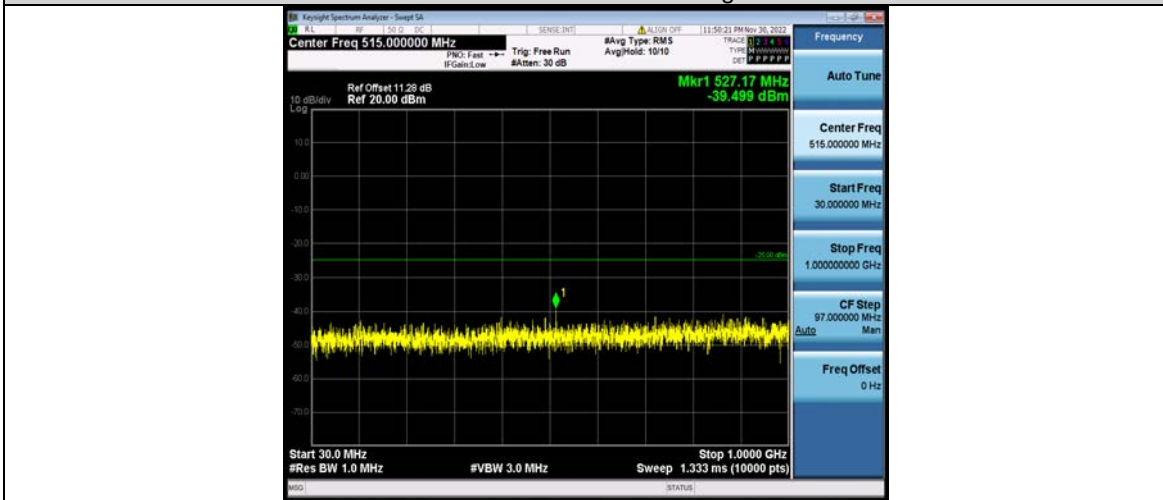
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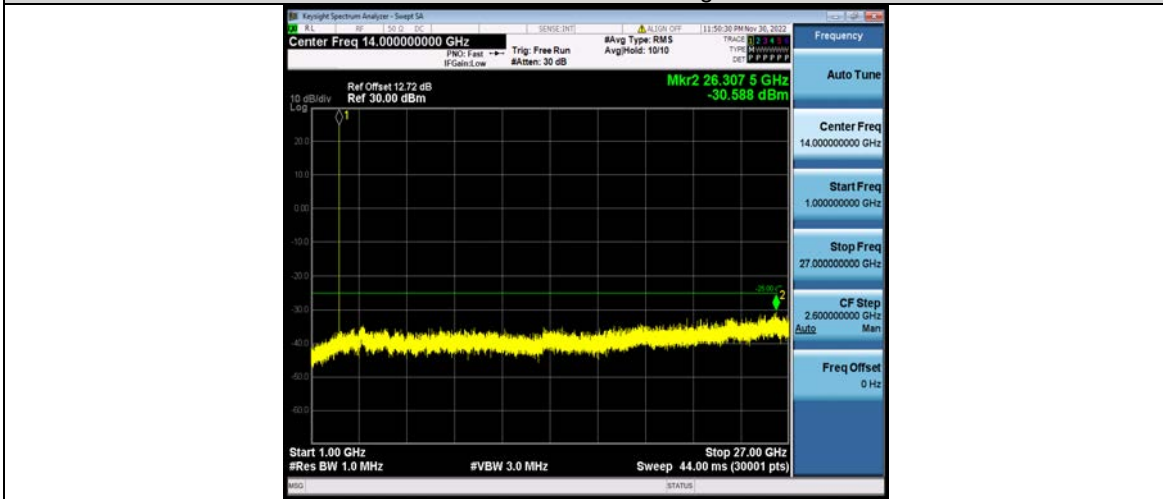
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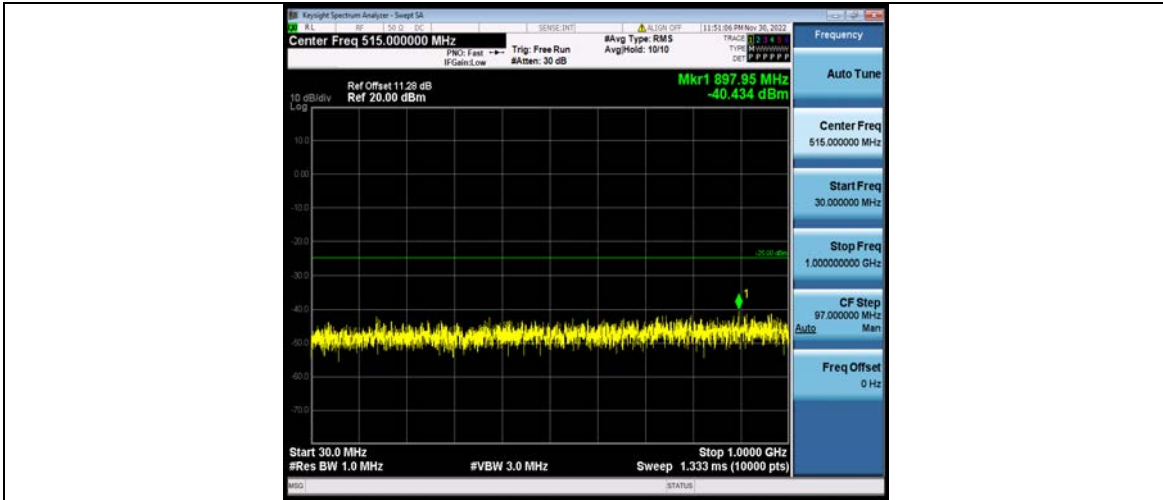
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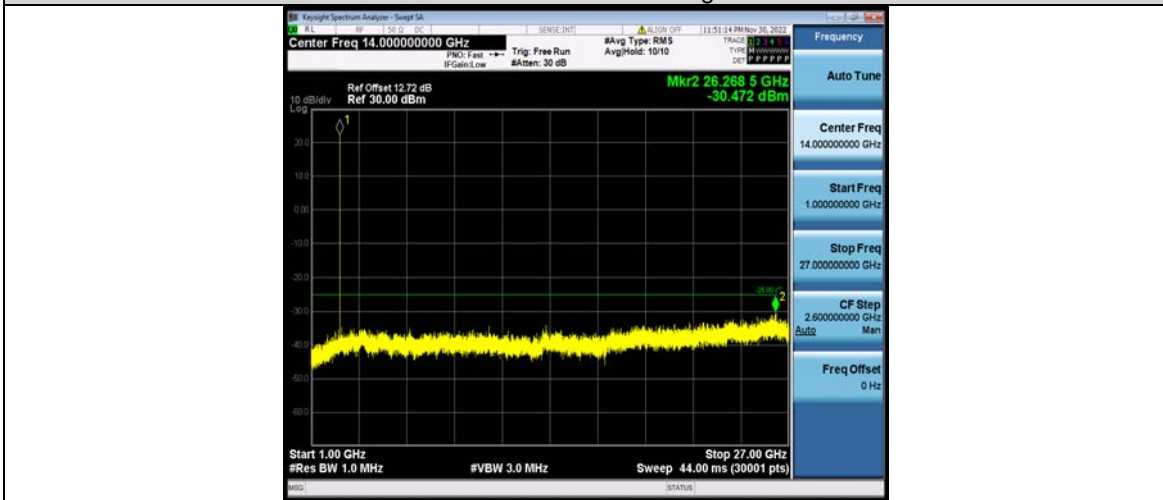
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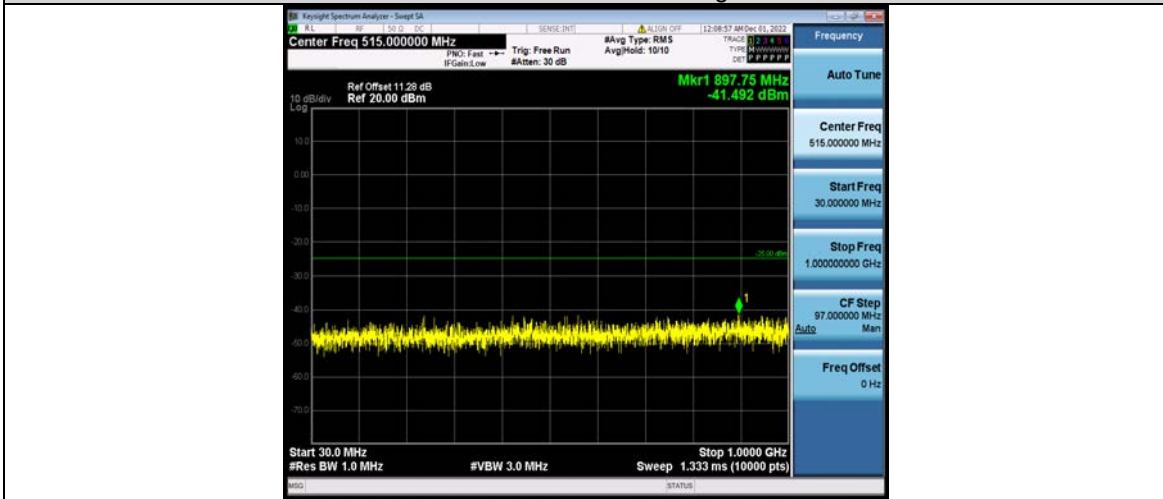
Test Report No.: W7L-P23100014RF06



Band7-15MHz-64QAM-21375-1RB#0-Range2:1000~27000MHz



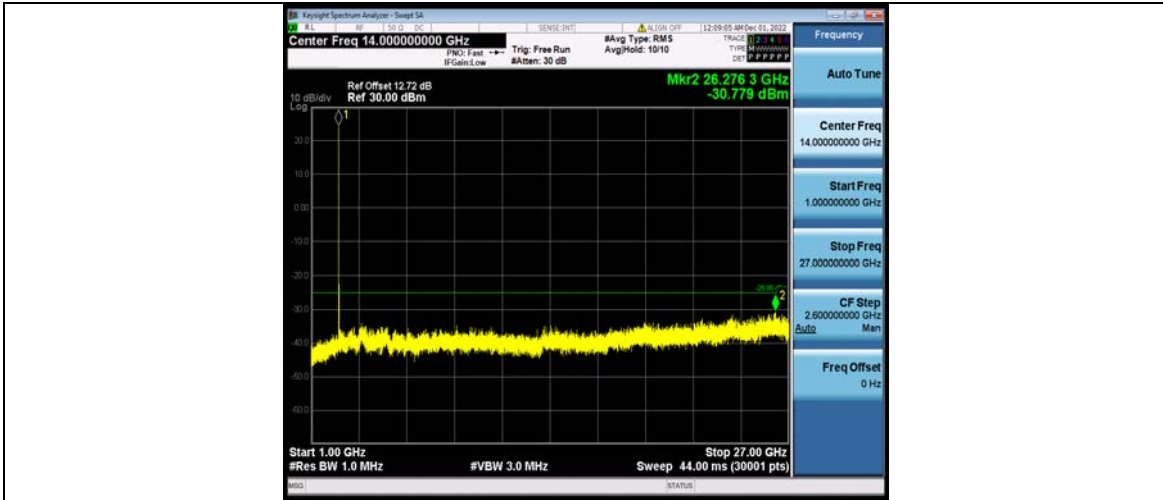
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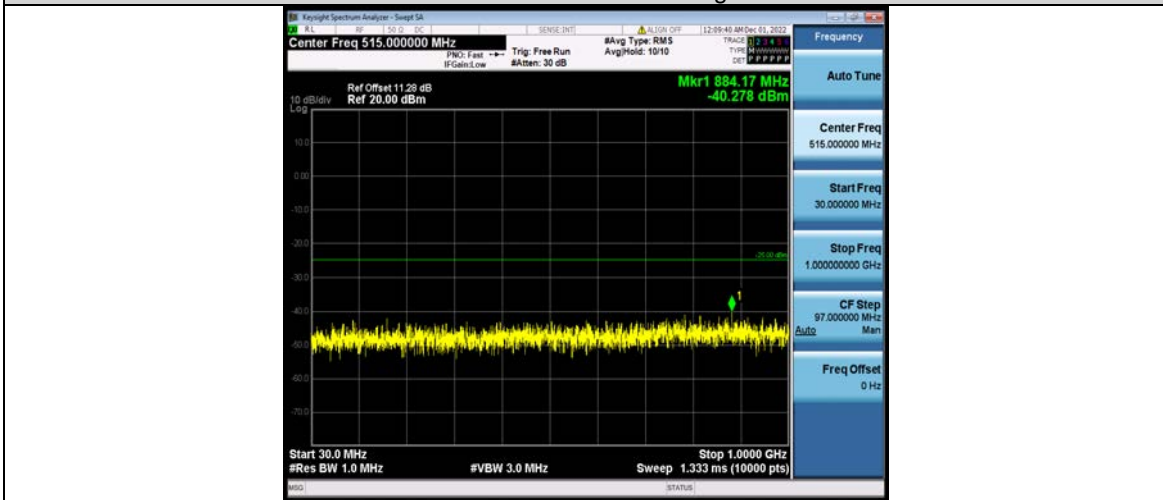
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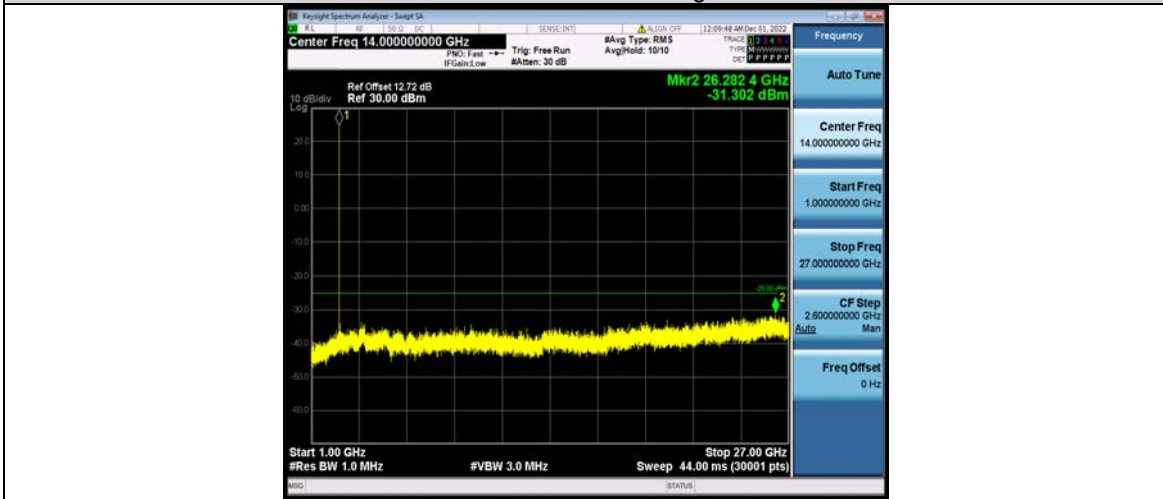
Test Report No.: W7L-P23100014RF06



Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



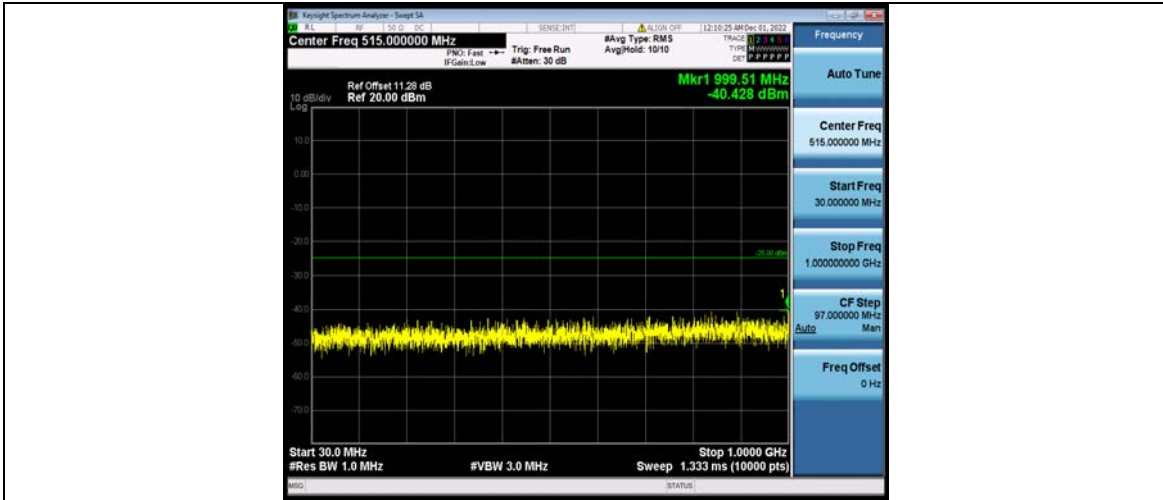
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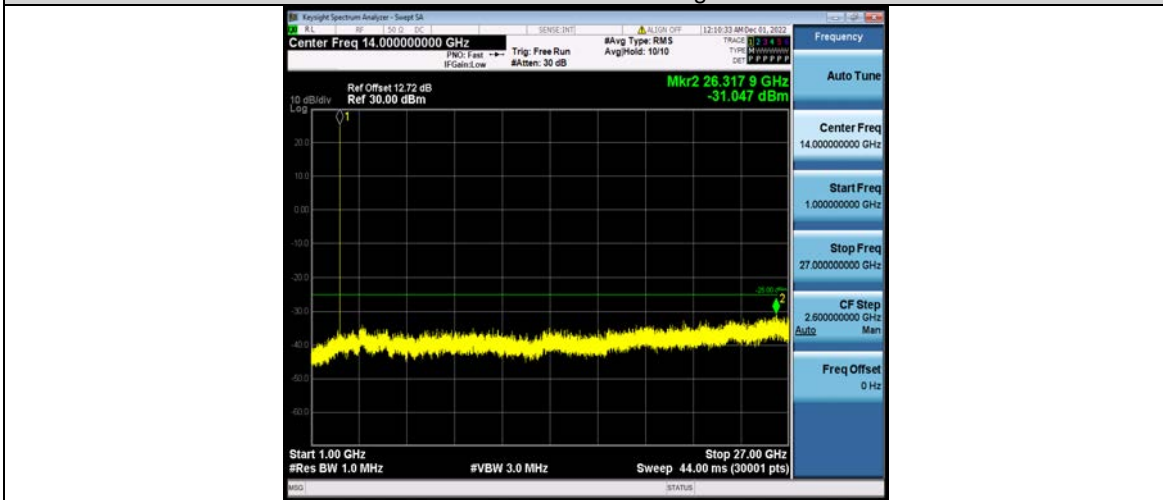
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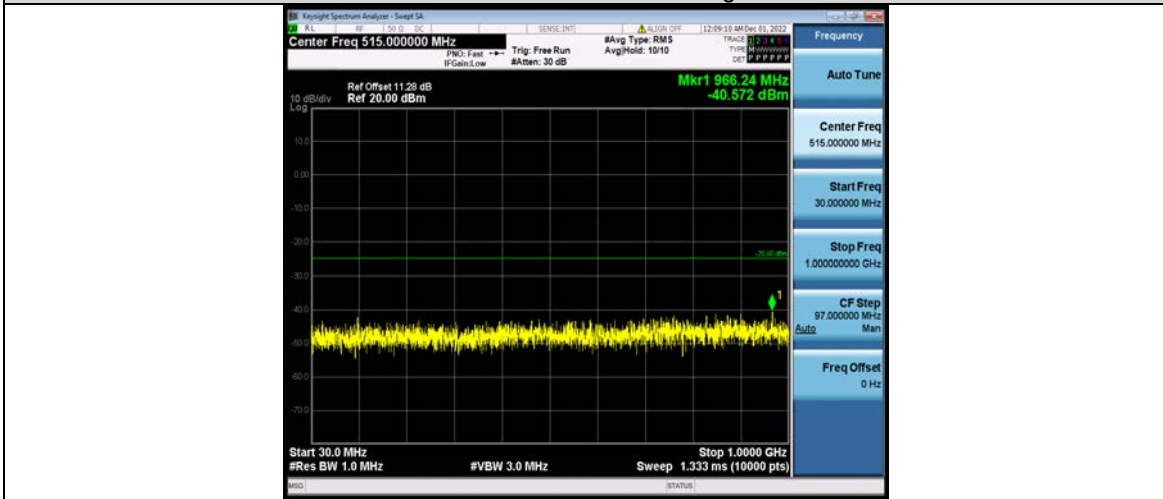
Test Report No.: W7L-P23100014RF06



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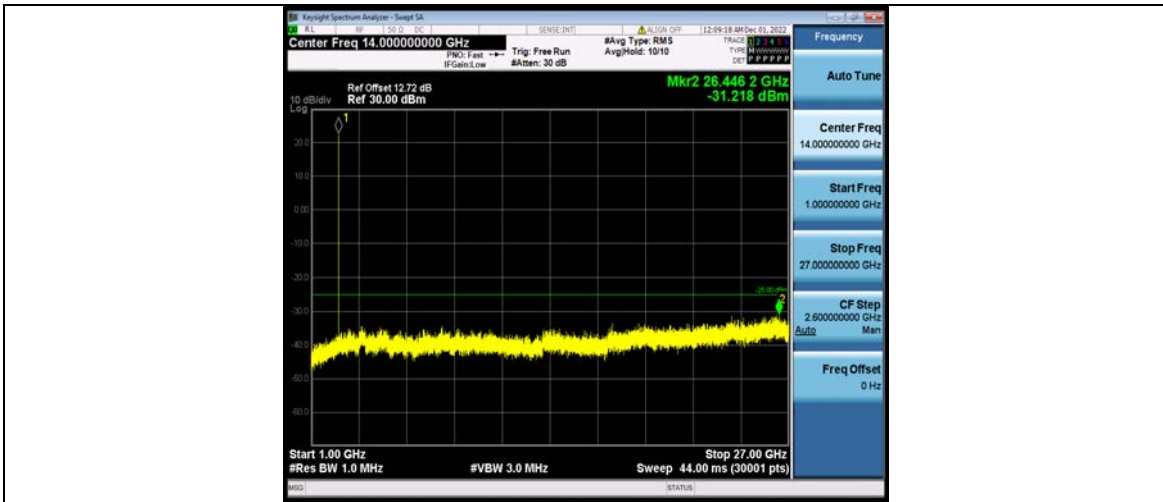
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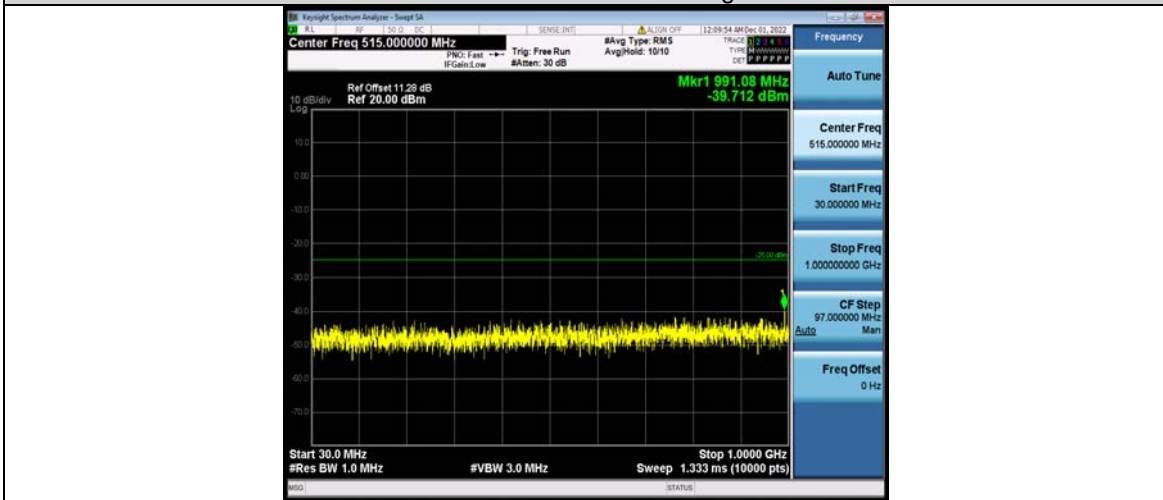
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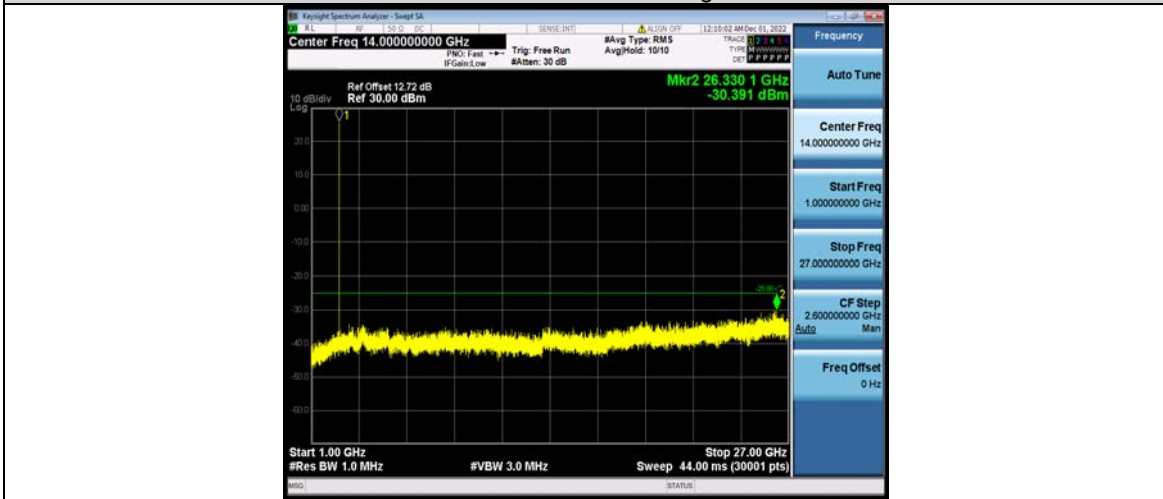
Test Report No.: W7L-P23100014RF06



Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



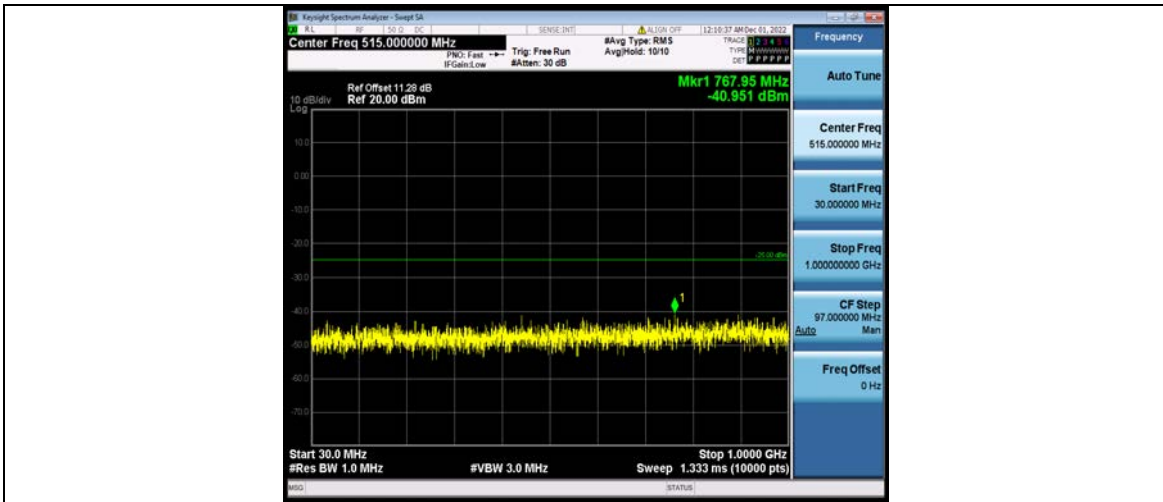
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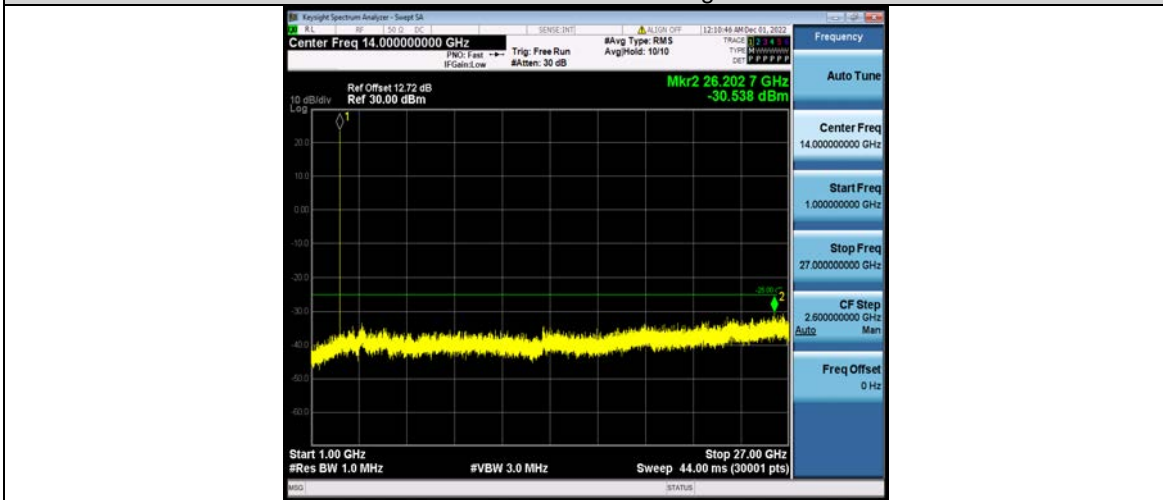
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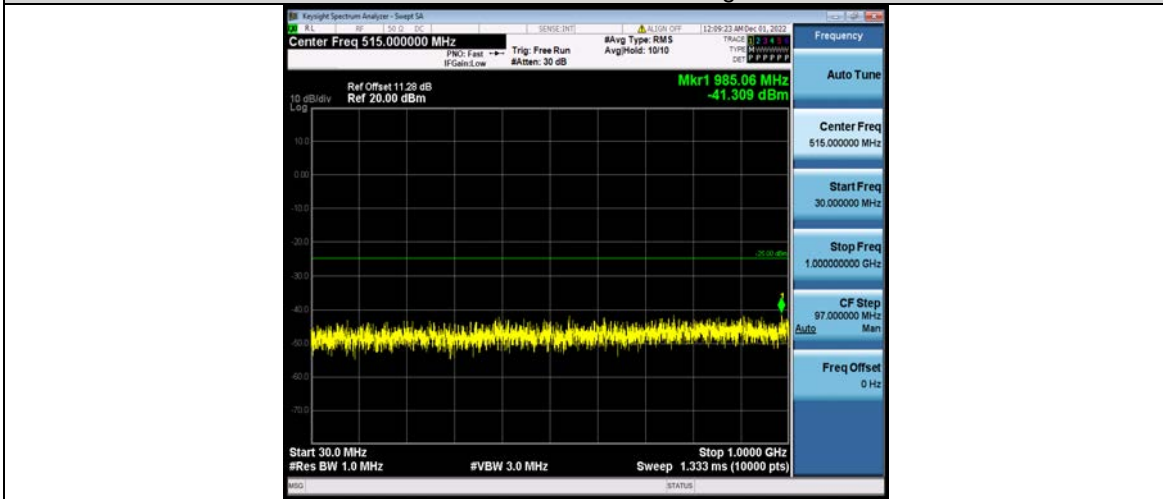
Test Report No.: W7L-P23100014RF06



Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~27000MHz



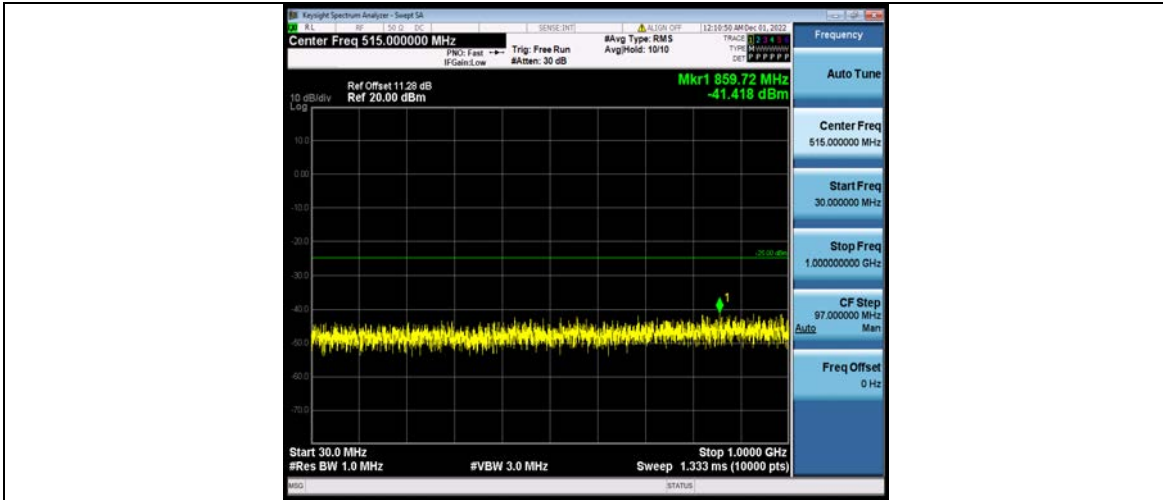
Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



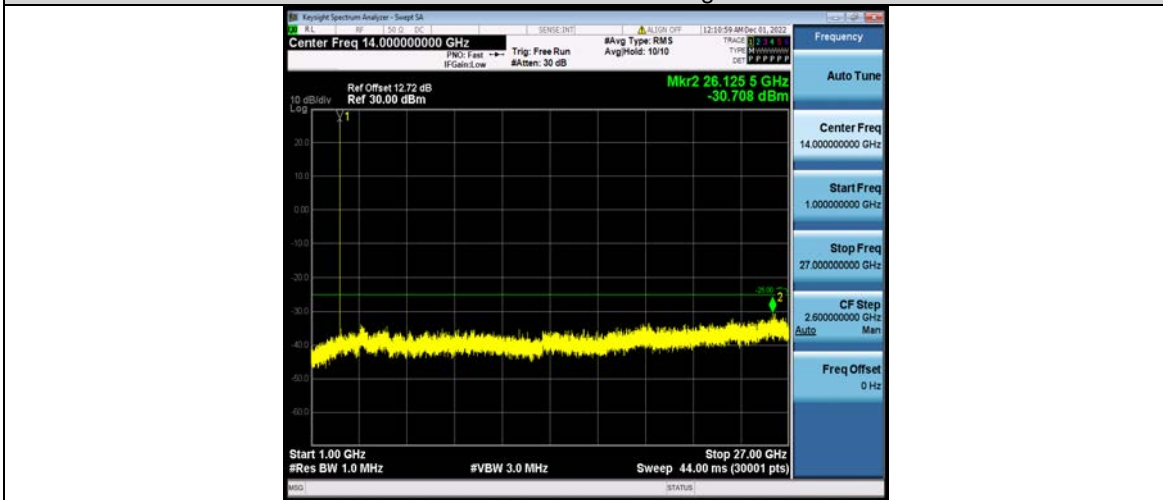
Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~27000MHz



Test Report No.: W7L-P23100014RF06



Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~27000MHz





FREQUENCY STABILITY

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	5.51	0.002202	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	2.26	0.000903	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	-2.56	-0.001023	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	2.86	0.001128	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	5.99	0.002363	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	4.88	0.001925	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	5.02	0.001955	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	-4.98	-0.001940	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-5.31	-0.002068	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-5.29	-0.002114	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	3.60	0.001439	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	4.03	0.001610	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	3.10	0.001223	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-3.09	-0.001219	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	5.02	0.001980	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	2.00	0.000779	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-1.92	-0.000748	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	-4.06	-0.001581	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VL	NT	5.56	0.002222	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VN	NT	-3.92	-0.001566	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VH	NT	4.76	0.001902	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VL	NT	4.32	0.001704	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VN	NT	-3.22	-0.001270	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VH	NT	3.83	0.001511	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VL	NT	2.98	0.001161	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VN	NT	3.48	0.001355	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VH	NT	1.79	0.000697	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	3.32	0.001325	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	2.88	0.001150	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	4.13	0.001649	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-4.11	-0.001621	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	4.76	0.001878	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	3.03	0.001195	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	5.11	0.001992	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	5.91	0.002304	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	3.23	0.001259	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-4.18	-0.001669	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	3.12	0.001246	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-1.97	-0.000786	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	-2.69	-0.001061	±2.5	PASS



BUREAU VERITAS

Test Report No.: W7L-P23100014RF06

Band7	10MHz	16QAM	21100	50RB#0	VN	NT	4.01	0.001582	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	4.96	0.001957	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	6.78	0.002643	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	4.21	0.001641	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	4.98	0.001942	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VL	NT	3.30	0.001317	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VN	NT	-3.20	-0.001277	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VH	NT	5.34	0.002132	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VL	NT	3.19	0.001258	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VN	NT	5.01	0.001976	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VH	NT	8.11	0.003199	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VL	NT	6.48	0.002526	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VN	NT	2.62	0.001021	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VH	NT	5.79	0.002257	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	2.39	0.000953	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-3.85	-0.001535	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	4.46	0.001779	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	3.63	0.001432	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	4.32	0.001704	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	4.59	0.001811	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	3.26	0.001272	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	4.58	0.001787	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	7.02	0.002740	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	-3.83	-0.001527	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	3.83	0.001527	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	3.30	0.001316	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	3.46	0.001365	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	3.08	0.001215	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	3.09	0.001219	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	5.51	0.002150	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	3.89	0.001518	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	3.81	0.001487	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VL	NT	-3.50	-0.001396	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VN	NT	5.01	0.001998	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VH	NT	-3.73	-0.001488	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VL	NT	5.81	0.002292	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VN	NT	3.39	0.001337	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VH	NT	-2.10	-0.000828	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VL	NT	-5.19	-0.002025	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VN	NT	3.75	0.001463	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VH	NT	4.35	0.001698	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	2.90	0.001155	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	4.99	0.001988	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	3.32	0.001323	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	6.57	0.002592	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	6.08	0.002398	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	4.63	0.001826	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	3.89	0.001520	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	4.31	0.001684	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	5.49	0.002145	±2.5	PASS

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Test Report No.: W7L-P23100014RF06

Band7	20MHz	16QAM	20850	100RB#0	VL	NT	3.13	0.001247	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	2.65	0.001056	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	3.79	0.001510	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	4.71	0.001858	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-2.49	-0.000982	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	2.89	0.001140	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	4.91	0.001918	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-4.82	-0.001883	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	4.68	0.001828	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	4.56	0.001817	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	-2.75	-0.001096	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	5.02	0.002000	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	5.95	0.002347	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	4.43	0.001748	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	3.76	0.001483	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	-2.52	-0.000984	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	5.88	0.002297	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	-4.66	-0.001820	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	2.76	0.001103	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-5.94	-0.002374	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	3.25	0.001299	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	6.01	0.002402	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	4.01	0.001602	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	3.50	0.001381	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	4.98	0.001964	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	2.80	0.001105	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-2.70	-0.001065	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	2.85	0.001124	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	3.69	0.001437	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	5.01	0.001951	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	3.19	0.001242	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	2.45	0.000954	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-6.67	-0.002598	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	-2.72	-0.001087	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	4.65	0.001858	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	7.18	0.002869	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	2.75	0.001099	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	5.22	0.002086	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	3.82	0.001507	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	3.75	0.001479	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	2.25	0.000888	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	3.08	0.001215	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-4.55	-0.001795	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	4.98	0.001940	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	3.98	0.001550	±2.5	PASS

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Test Report No.: W7L-P23100014RF06

Band7	5MHz	16QAM	21425	25RB#0	NV	0	5.65	0.002201	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	-2.88	-0.001122	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	5.55	0.002162	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-30	7.24	0.002893	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-20	4.46	0.001782	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	0	3.06	0.001223	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	10	3.49	0.001395	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	20	4.85	0.001938	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-30	3.66	0.001444	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-20	4.03	0.001590	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	0	2.99	0.001179	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	10	-4.71	-0.001858	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	20	4.06	0.001602	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-30	4.65	0.001811	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-20	4.81	0.001873	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	0	-2.17	-0.000845	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	10	4.29	0.001671	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	20	7.05	0.002746	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-3.09	-0.001234	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	5.51	0.002200	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	3.18	0.001269	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	3.39	0.001353	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	6.21	0.002479	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	7.02	0.002769	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	6.57	0.002592	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-2.25	-0.000888	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-5.62	-0.002217	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	3.15	0.001243	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	4.98	0.001942	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	7.85	0.003060	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	7.57	0.002951	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	3.83	0.001493	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	3.82	0.001489	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	3.02	0.001206	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	4.22	0.001685	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	-1.66	-0.000663	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	4.09	0.001633	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	2.63	0.001050	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	5.99	0.002363	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	-3.38	-0.001333	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	2.57	0.001014	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	2.65	0.001045	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	5.21	0.002055	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	6.07	0.002366	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	3.86	0.001505	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-4.16	-0.001622	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	8.96	0.003493	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	5.55	0.002164	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-30	-5.02	-0.002004	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-20	5.38	0.002148	±2.5	PASS

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Test Report No.: W7L-P23100014RF06

Band7	10MHz	64QAM	20800	50RB#0	NV	0	3.79	0.001513	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	10	2.45	0.000978	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	20	-3.88	-0.001549	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-30	-5.46	-0.002154	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-20	2.55	0.001006	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	0	6.09	0.002402	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	10	3.79	0.001495	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	20	2.75	0.001085	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-30	6.71	0.002616	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-20	3.62	0.001411	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	0	8.03	0.003131	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	10	7.14	0.002784	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	20	4.12	0.001606	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	2.85	0.001137	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	5.65	0.002253	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	4.66	0.001858	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	4.43	0.001767	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	5.76	0.002297	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	3.73	0.001471	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	1.93	0.000761	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	6.55	0.002584	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	2.32	0.000915	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	6.58	0.002596	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	5.38	0.002100	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	3.32	0.001296	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	4.56	0.001780	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	4.48	0.001748	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	6.77	0.002642	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	4.84	0.001930	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	-4.28	-0.001707	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	4.41	0.001759	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	3.69	0.001472	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	-4.88	-0.001946	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	-2.66	-0.001049	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	4.48	0.001767	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	2.83	0.001116	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	2.83	0.001116	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-3.83	-0.001511	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	3.32	0.001296	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	-2.62	-0.001022	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	5.26	0.002053	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	3.63	0.001417	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	3.38	0.001319	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-30	-3.10	-0.001236	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-20	-4.25	-0.001695	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	0	2.47	0.000985	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	10	-5.97	-0.002381	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	20	-3.35	-0.001336	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-30	3.03	0.001195	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-20	-3.16	-0.001247	±2.5	PASS

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Test Report No.: W7L-P23100014RF06

Band7	15MHz	64QAM	21100	75RB#0	NV	0	2.53	0.000998	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	10	2.82	0.001112	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	20	-2.92	-0.001152	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-30	3.23	0.001260	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-20	4.69	0.001830	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	0	2.93	0.001143	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	10	3.26	0.001272	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	20	-3.82	-0.001491	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	4.66	0.001857	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-2.93	-0.001167	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	2.76	0.001100	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	5.39	0.002147	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	3.91	0.001558	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	4.28	0.001688	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	3.78	0.001491	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	5.25	0.002071	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	3.52	0.001389	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	4.61	0.001819	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	4.23	0.001652	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-4.22	-0.001648	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	3.73	0.001457	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	5.26	0.002055	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	2.19	0.000855	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-5.98	-0.002382	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	3.59	0.001430	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	6.14	0.002446	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	-4.28	-0.001705	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	-4.71	-0.001876	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	2.70	0.001065	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	3.68	0.001452	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	3.28	0.001294	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	4.75	0.001874	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-6.64	-0.002619	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	2.78	0.001086	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-5.71	-0.002230	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	4.19	0.001637	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	-2.29	-0.000895	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	2.13	0.000832	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	5.35	0.002131	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	-3.73	-0.001486	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	2.20	0.000876	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	7.47	0.002976	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	3.29	0.001311	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-4.13	-0.001629	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	4.23	0.001669	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	6.92	0.002730	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	4.05	0.001598	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	-2.46	-0.000970	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	-2.95	-0.001152	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	4.11	0.001605	±2.5	PASS

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Band7	20MHz	64QAM	21350	100RB#0	NV	0	-4.49	-0.001754	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	6.29	0.002457	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	2.26	0.000883	±2.5	PASS

LTE BAND12 (INCLUDING B17)

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.07	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.49	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3.70	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.97	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.99	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.38	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.78	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.25	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.13	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.81	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.73	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.19	13	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	7.15	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	6.97	13	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	6.27	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	6.74	13	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	6.93	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	6.87	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.92	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.42	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.55	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.91	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.84	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.41	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.59	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.27	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.18	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.79	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.70	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.27	13	PASS
Band12	3MHz	64QAM	23025	1RB#0	6.80	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	7.01	13	PASS
Band12	3MHz	64QAM	23095	1RB#0	6.05	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	6.45	13	PASS
Band12	3MHz	64QAM	23165	1RB#0	6.59	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	6.97	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.84	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.44	13	PASS



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Test Report No.: W7L-P23100014RF06

Band12	5MHz	QPSK	23095	1RB#0	3.54	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.02	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.69	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.54	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.60	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.30	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.24	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.80	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.33	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.29	13	PASS
Band12	5MHz	64QAM	23035	1RB#0	6.87	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	6.91	13	PASS
Band12	5MHz	64QAM	23095	1RB#0	6.23	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	6.57	13	PASS
Band12	5MHz	64QAM	23155	1RB#0	6.78	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	6.92	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.71	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.27	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.74	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.99	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.47	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.07	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.08	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.47	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.86	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.00	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.92	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	6.93	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.76	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	6.35	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.57	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	6.42	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.70	13	PASS

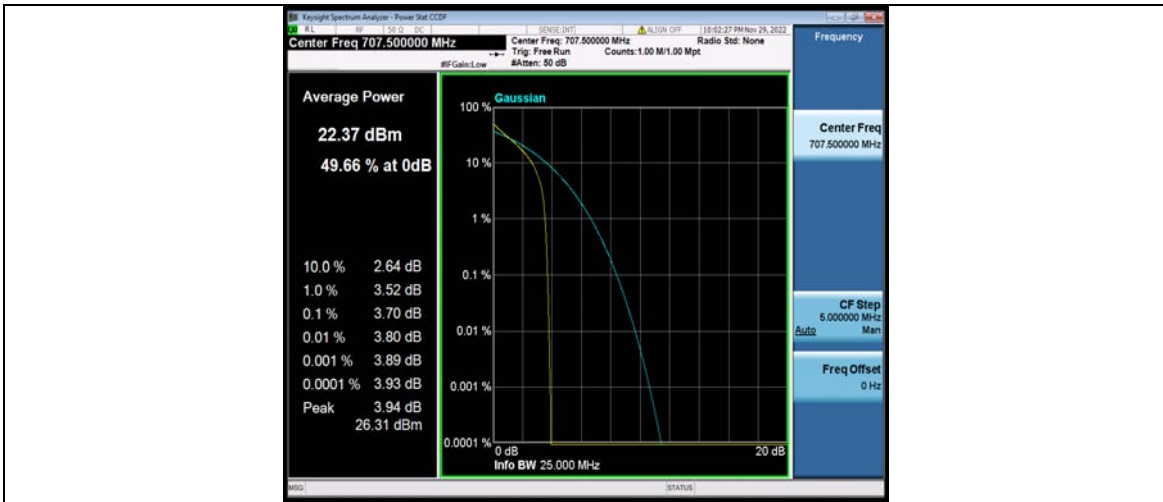


Test Graphs

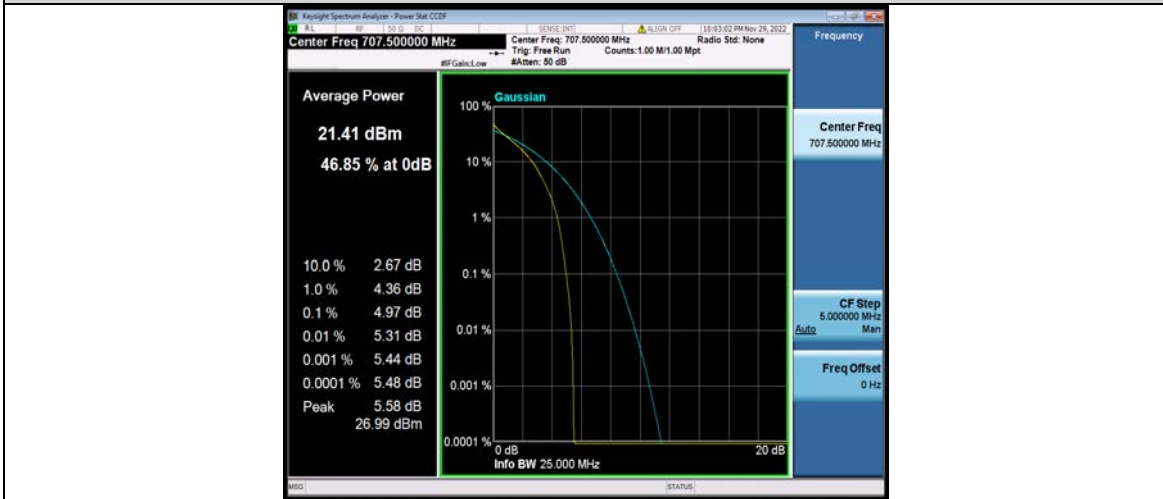




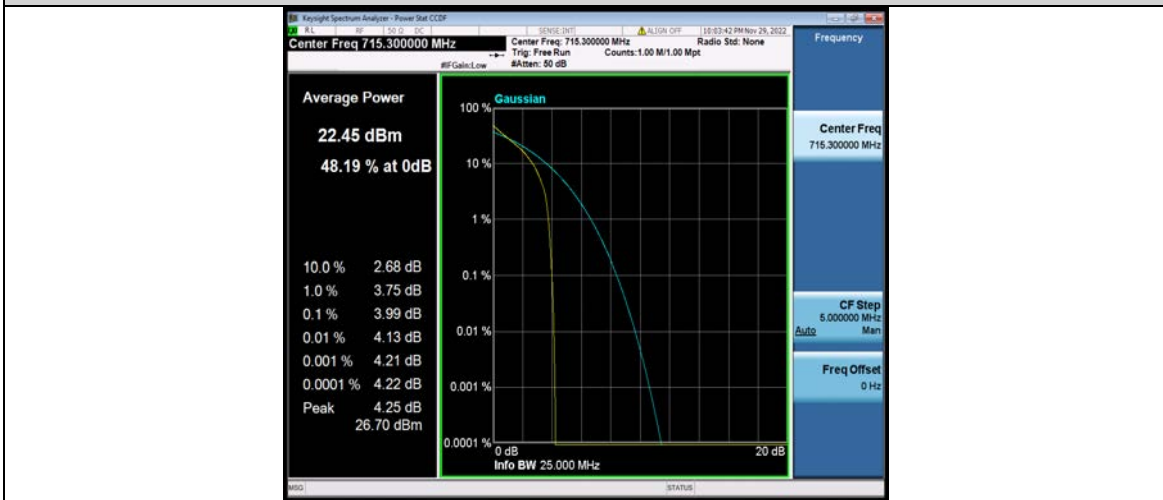
Test Report No.: W7L-P23100014RF06



Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-1RB#0



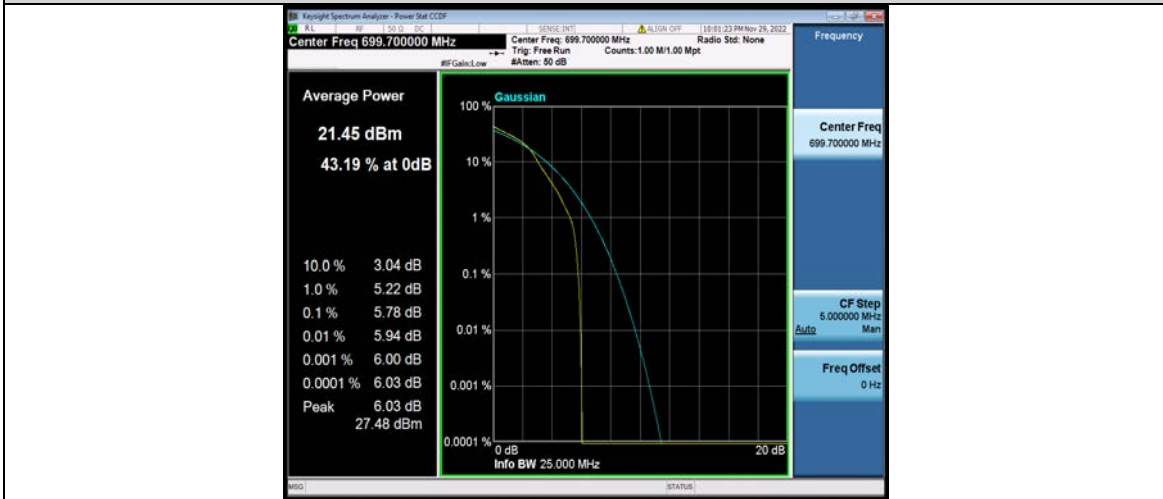
Band12-1.4MHz-QPSK-23173-6RB#0



Test Report No.: W7L-P23100014RF06



Band12-1.4MHz-16QAM-23017-1RB#0



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



Band12-1.4MHz-16QAM-23095-1RB#0