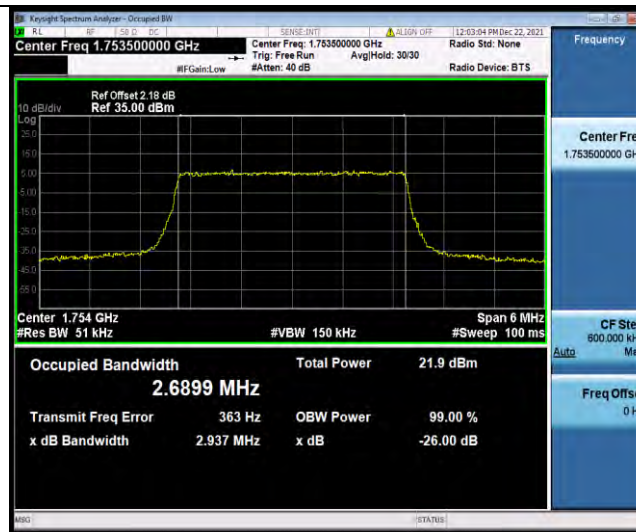


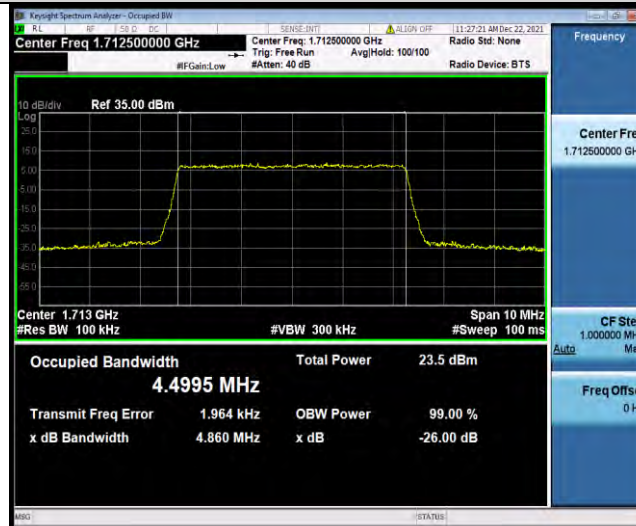


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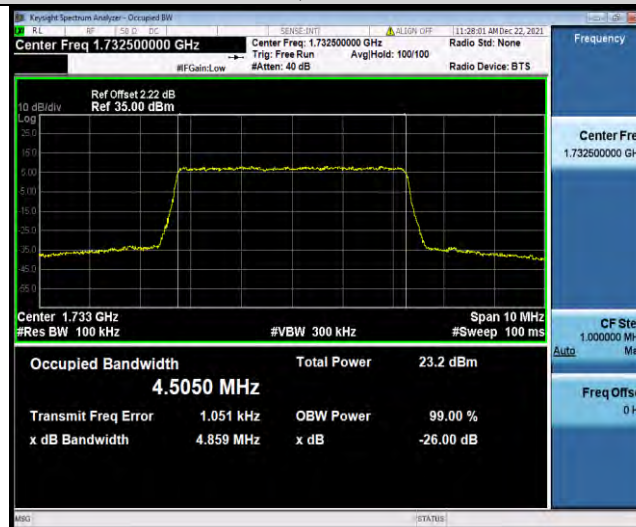
Test Report No.: W7L-211220W001RF03



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



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



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

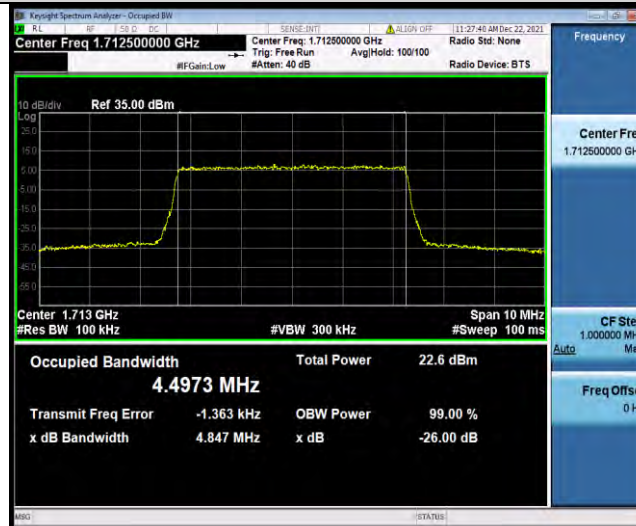


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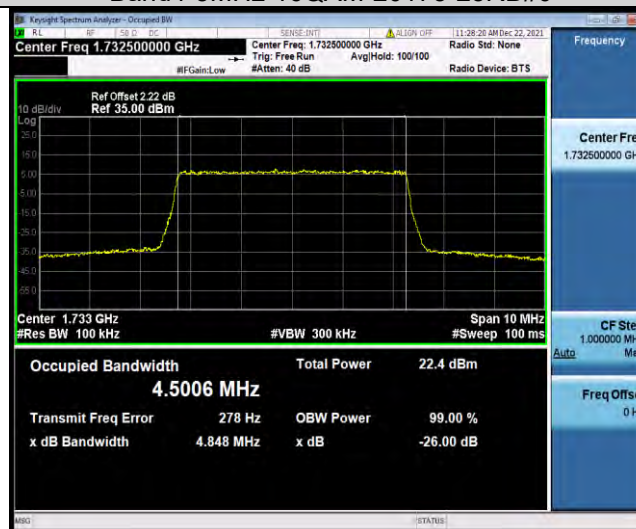
Test Report No.: W7L-211220W001RF03



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



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

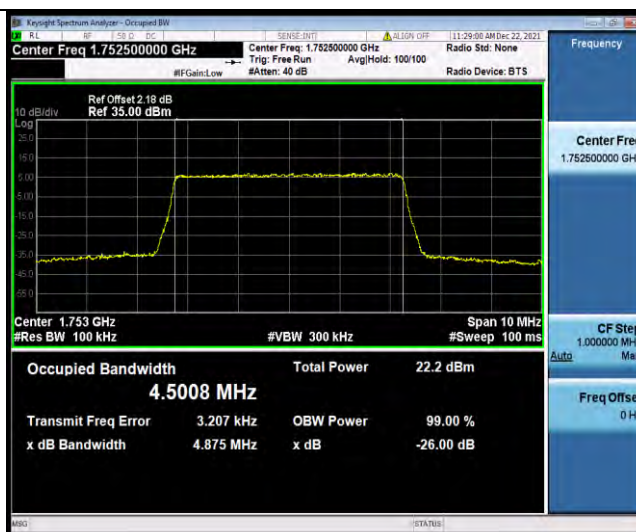


Band4-5MHz-16QAM-20375-25RB#0



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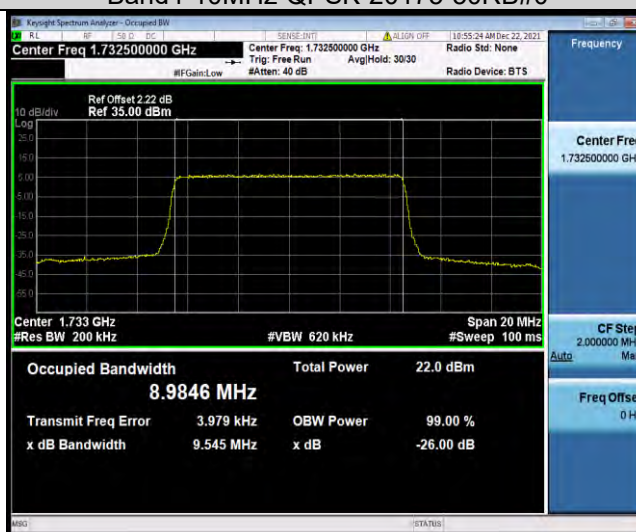
Test Report No.: W7L-211220W001RF03



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

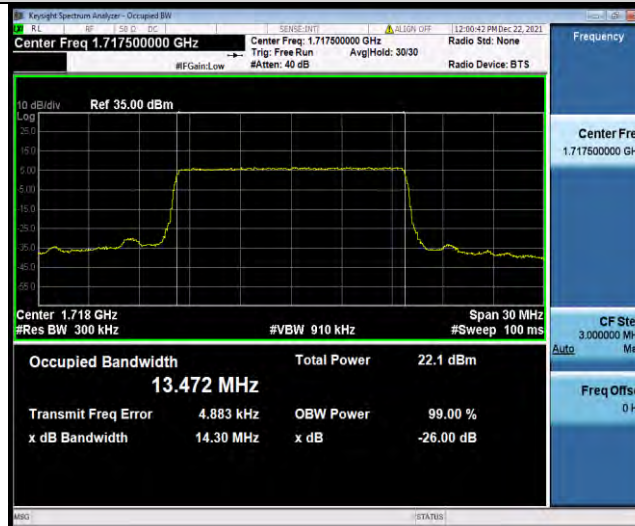


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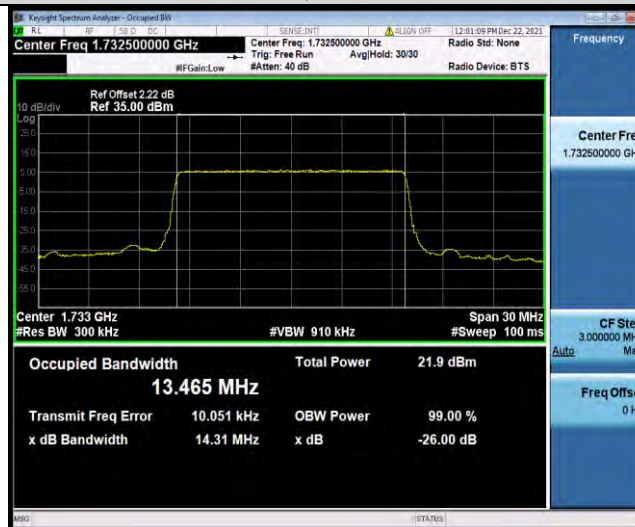
Test Report No.: W7L-211220W001RF03



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



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

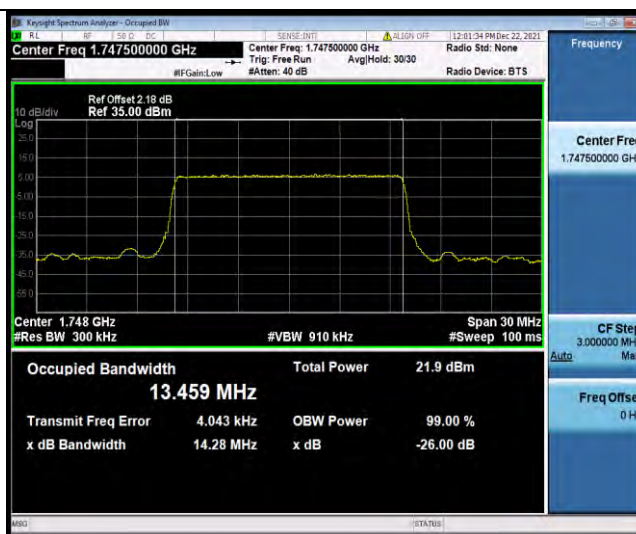


Band4-15MHz-QPSK-20325-75RB#0



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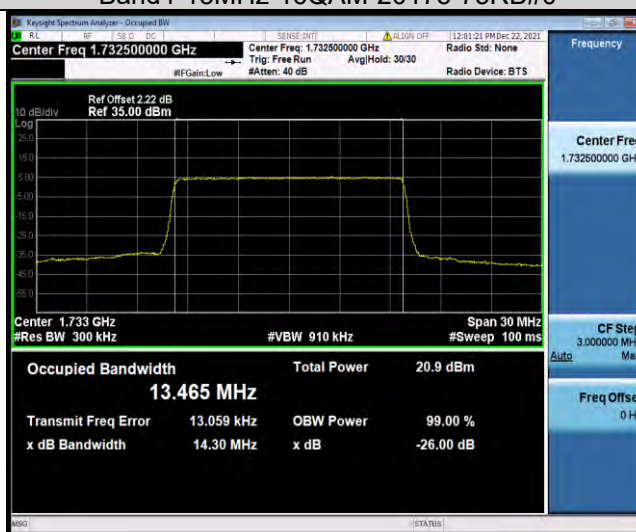
Test Report No.: W7L-211220W001RF03



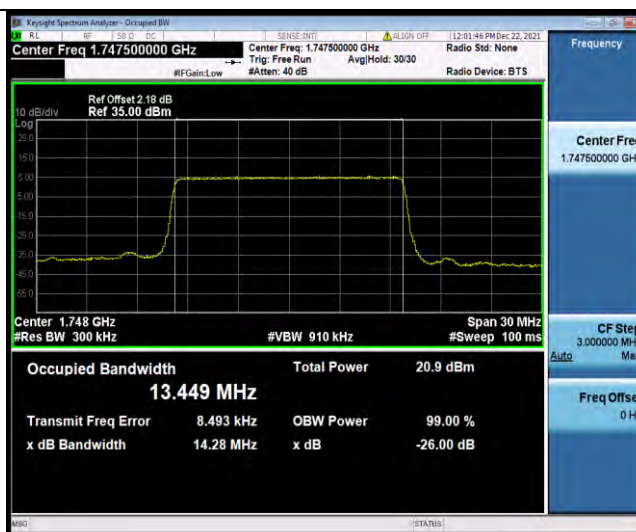
Band4-15MHz-16QAM-20025-75RB#0



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



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



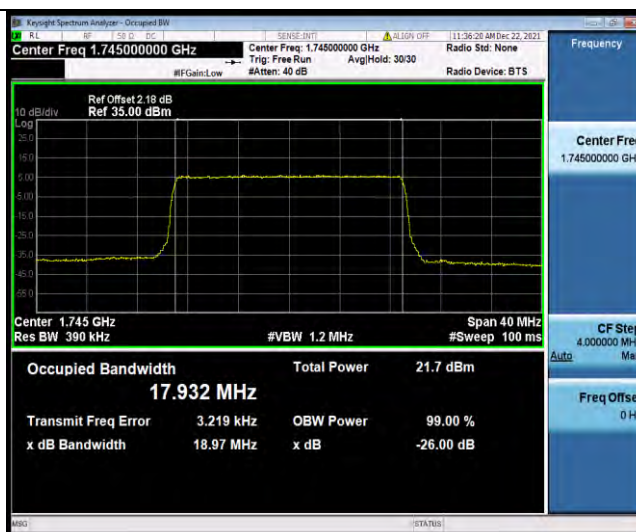
Band4-20MHz-QPSK-20050-100RB#0



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



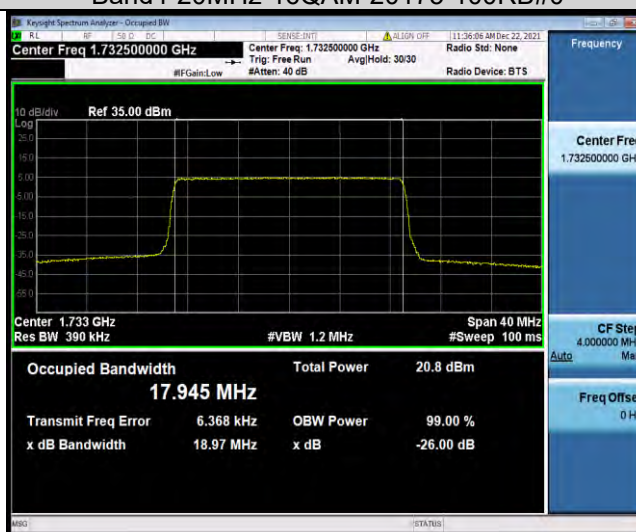
Band4-20MHz-QPSK-20300-100RB#0



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



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

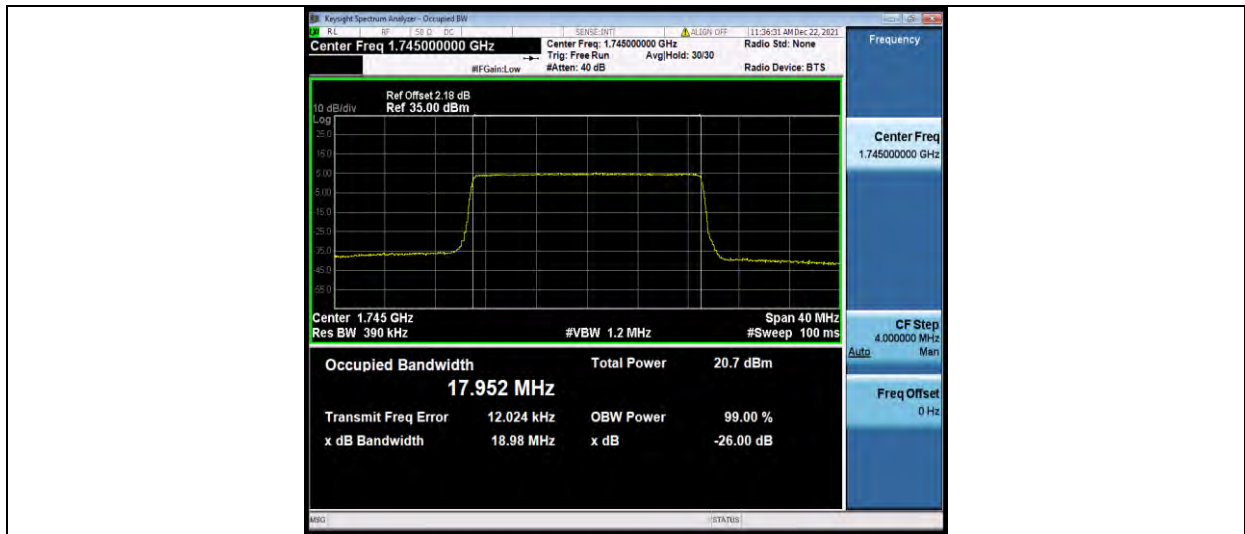


Band4-20MHz-16QAM-20300-100RB#0



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Test Report No.: W7L-211220W001RF03



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Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-30.91	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-29.81	PASS
Band4	1.4MHz	QPSK	20350	1RB#5	-31.20	PASS
Band4	1.4MHz	QPSK	20350	6RB#0	-31.49	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-32.62	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-31.33	PASS
Band4	1.4MHz	16QAM	20350	1RB#5	-33.05	PASS
Band4	1.4MHz	16QAM	20350	6RB#0	-32.80	PASS
Band4	3MHz	QPSK	19965	1RB#0	-25.39	PASS
Band4	3MHz	QPSK	19965	15RB#0	-24.92	PASS
Band4	3MHz	QPSK	20385	1RB#14	-25.63	PASS
Band4	3MHz	QPSK	20385	15RB#0	-25.73	PASS
Band4	3MHz	16QAM	19965	1RB#0	-26.87	PASS
Band4	3MHz	16QAM	19965	15RB#0	-26.74	PASS
Band4	3MHz	16QAM	20385	1RB#14	-27.50	PASS
Band4	3MHz	16QAM	20385	15RB#0	-27.06	PASS
Band4	5MHz	QPSK	19975	1RB#0	-31.82	PASS
Band4	5MHz	QPSK	19975	25RB#0	-27.78	PASS
Band4	5MHz	QPSK	20375	1RB#24	-32.07	PASS
Band4	5MHz	QPSK	20375	25RB#0	-28.11	PASS
Band4	5MHz	16QAM	19975	1RB#0	-32.70	PASS
Band4	5MHz	16QAM	19975	25RB#0	-28.96	PASS
Band4	5MHz	16QAM	20375	1RB#24	-33.46	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.64	PASS
Band4	10MHz	QPSK	20000	1RB#0	-28.26	PASS
Band4	10MHz	QPSK	20000	50RB#0	-30.56	PASS
Band4	10MHz	QPSK	20350	1RB#49	-32.74	PASS
Band4	10MHz	QPSK	20350	50RB#0	-31.93	PASS
Band4	10MHz	16QAM	20000	1RB#0	-34.70	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.84	PASS
Band4	10MHz	16QAM	20350	1RB#49	-33.75	PASS
Band4	10MHz	16QAM	20350	50RB#0	-33.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	-45.27	PASS
Band4	15MHz	QPSK	20025	75RB#0	-30.64	PASS
Band4	15MHz	QPSK	20325	1RB#74	-46.40	PASS
Band4	15MHz	QPSK	20325	75RB#0	-30.12	PASS
Band4	15MHz	16QAM	20025	1RB#0	-45.71	PASS
Band4	15MHz	16QAM	20025	75RB#0	-32.09	PASS
Band4	15MHz	16QAM	20325	1RB#74	-46.53	PASS
Band4	15MHz	16QAM	20325	75RB#0	-33.52	PASS
Band4	20MHz	QPSK	20050	1RB#0	-27.52	PASS
Band4	20MHz	QPSK	20050	100RB#0	-31.88	PASS
Band4	20MHz	QPSK	20300	1RB#99	-26.90	PASS
Band4	20MHz	QPSK	20300	100RB#0	-32.92	PASS



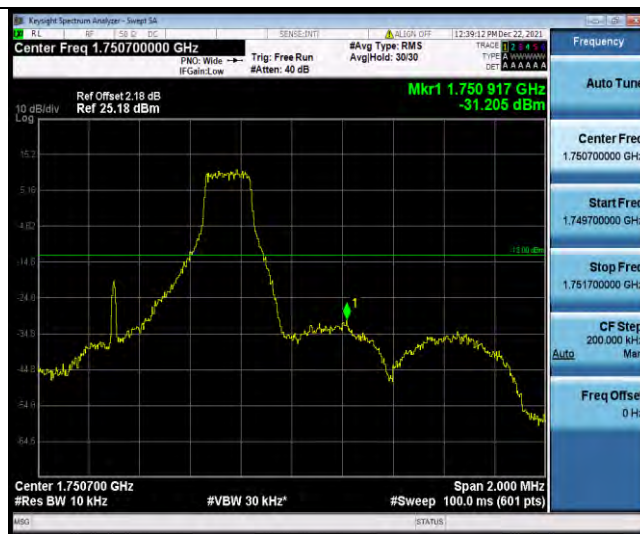
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Test Report No.: W7L-211220W001RF03

Band4	20MHz	16QAM	20050	1RB#0	-27.22	PASS
Band4	20MHz	16QAM	20050	100RB#0	-32.74	PASS
Band4	20MHz	16QAM	20300	1RB#99	-27.28	PASS
Band4	20MHz	16QAM	20300	100RB#0	-34.68	PASS

Test Graphs





Band4-1.4MHz-QPSK-20350-6RB#0



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

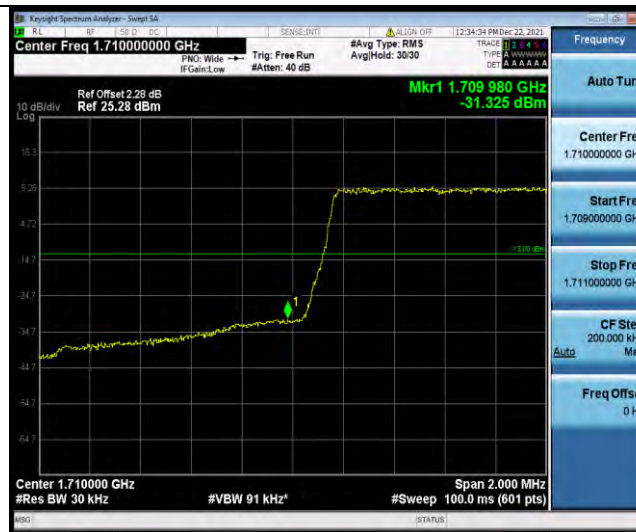


Band4-1.4MHz-16QAM-19957-6RB#0



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Test Report No.: W7L-211220W001RF03



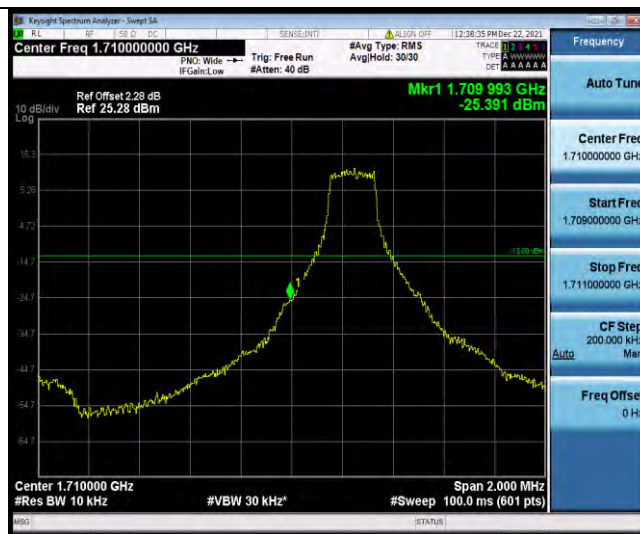
Band4-1.4MHz-16QAM-20350-1RB#5



Band4-1.4MHz-16QAM-20350-6RB#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



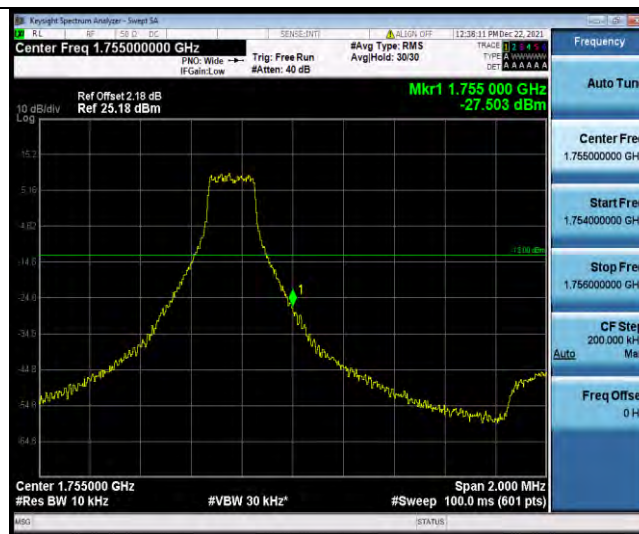
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Band4-3MHz-16QAM-19965-15RB#0



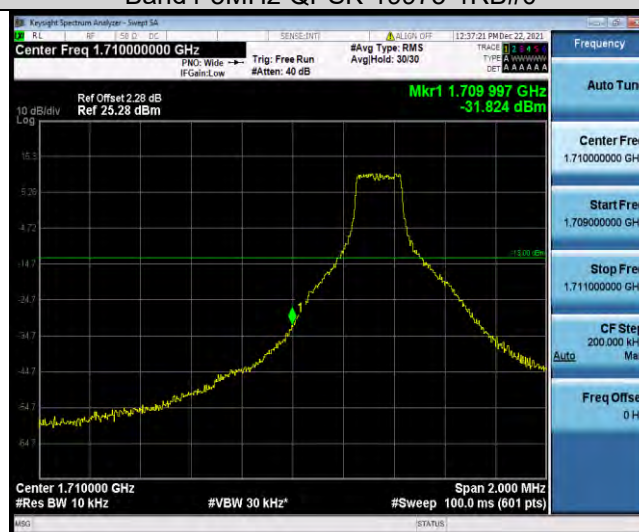
Band4-3MHz-16QAM-20385-1RB#14



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



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



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



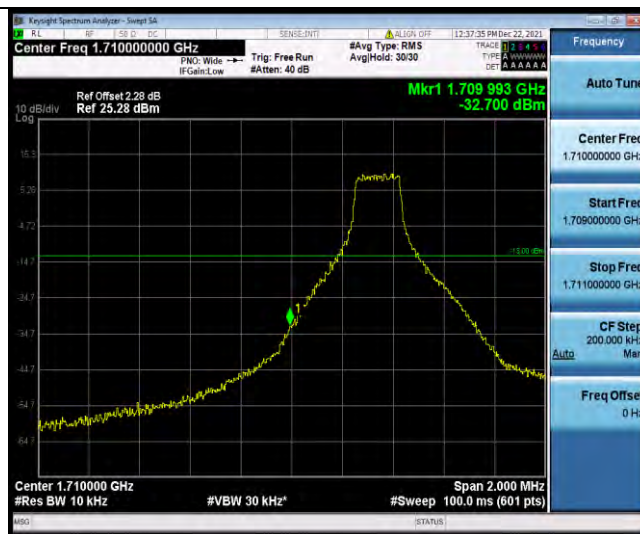
Band4-5MHz-QPSK-20375-1RB#24



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



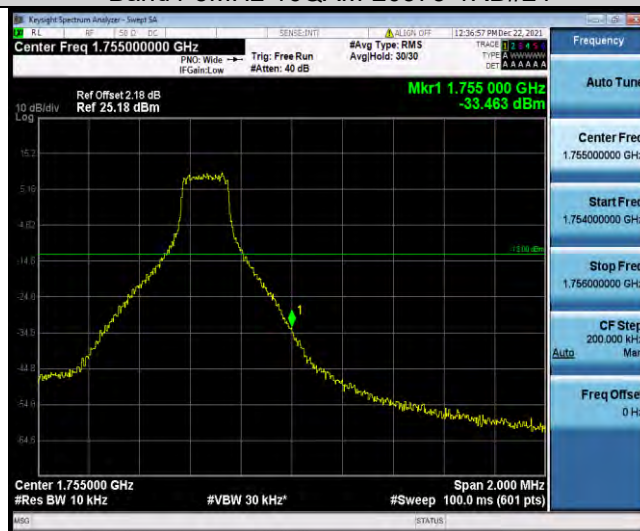
Band4-5MHz-16QAM-19975-1RB#0



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



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



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



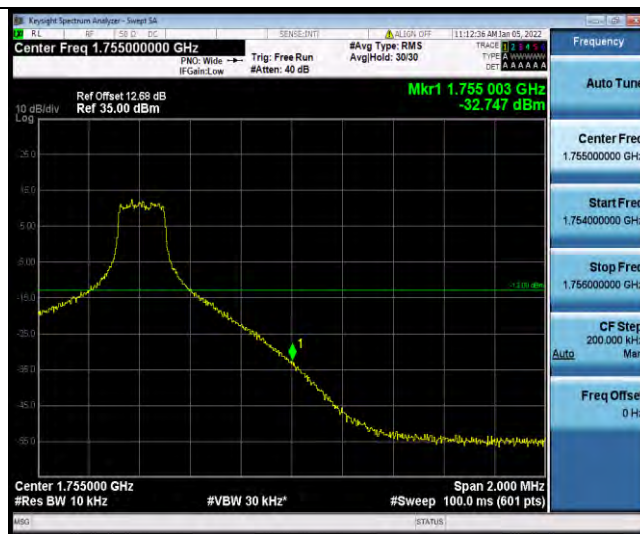
Band4-10MHz-QPSK-20000-1RB#0



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



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	-51.7	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-43.96	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-52.53	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-44.98	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-52.22	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-44.83	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-51.75	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-43.77	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-51.61	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-42.66	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-52.5	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-42.54	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-51.98	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~20000MHz	-42.57	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-51.67	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-44.49	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-52.43	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~20000MHz	-43.21	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-51.85	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~20000MHz	-42.06	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-51.02	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-44.83	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-52.03	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~20000MHz	-41.92	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-51.82	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~20000MHz	-43.3	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-51.93	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-44.67	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-51.97	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~20000MHz	-42.68	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-51.65	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~20000MHz	-44.43	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-52.37	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-44.95	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-51.65	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~20000MHz	-44.23	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-52.64	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~20000MHz	-43.99	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-51.87	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-44.73	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-52.55	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~20000MHz	-43.62	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-51.49	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~20000MHz	-43.92	PASS



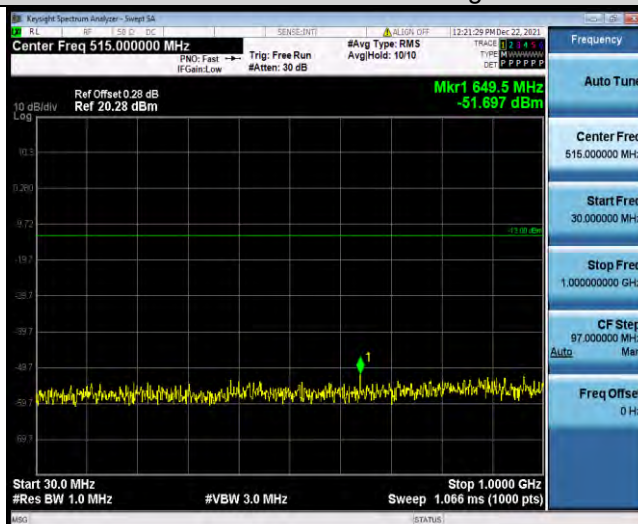
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Test Report No.: W7L-211220W001RF03

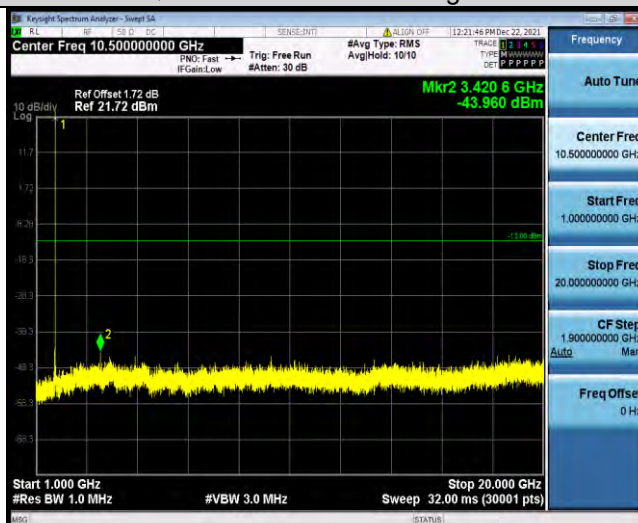
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-50.81	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-44.84	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-51.48	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~20000MHz	-42.88	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-51.34	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~20000MHz	-44.34	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-51.84	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-44.51	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-50.1	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~20000MHz	-44.11	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-52.51	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~20000MHz	-44.87	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-52.16	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-45.31	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-51.5	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~20000MHz	-41.85	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-51.53	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-44.24	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-52.15	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-44.94	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-52.19	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-43.37	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-51.91	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-45.37	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-50.88	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-45	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-52.77	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-44.41	PASS

Test Graphs

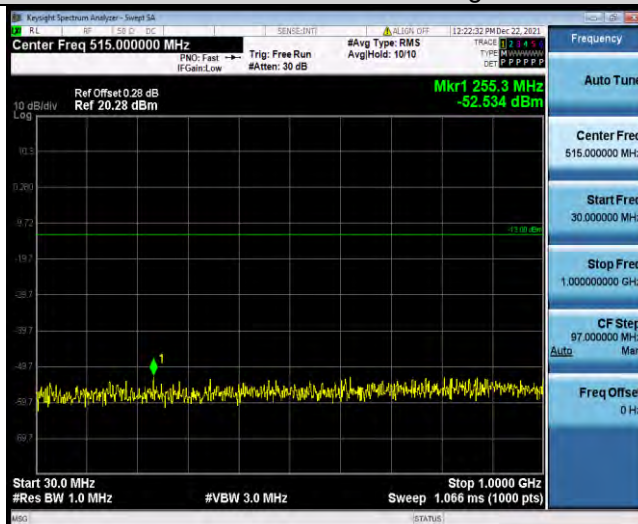
Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



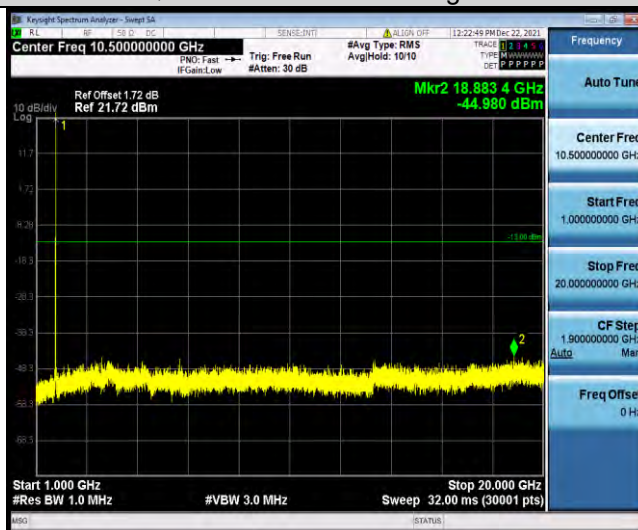
Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~20000MHz



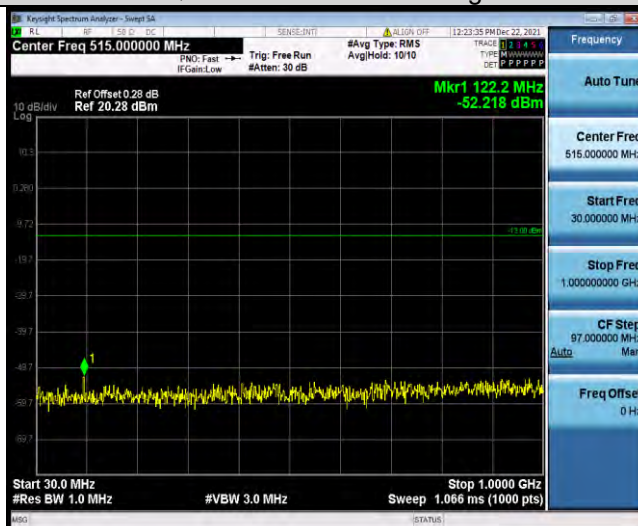
Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



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



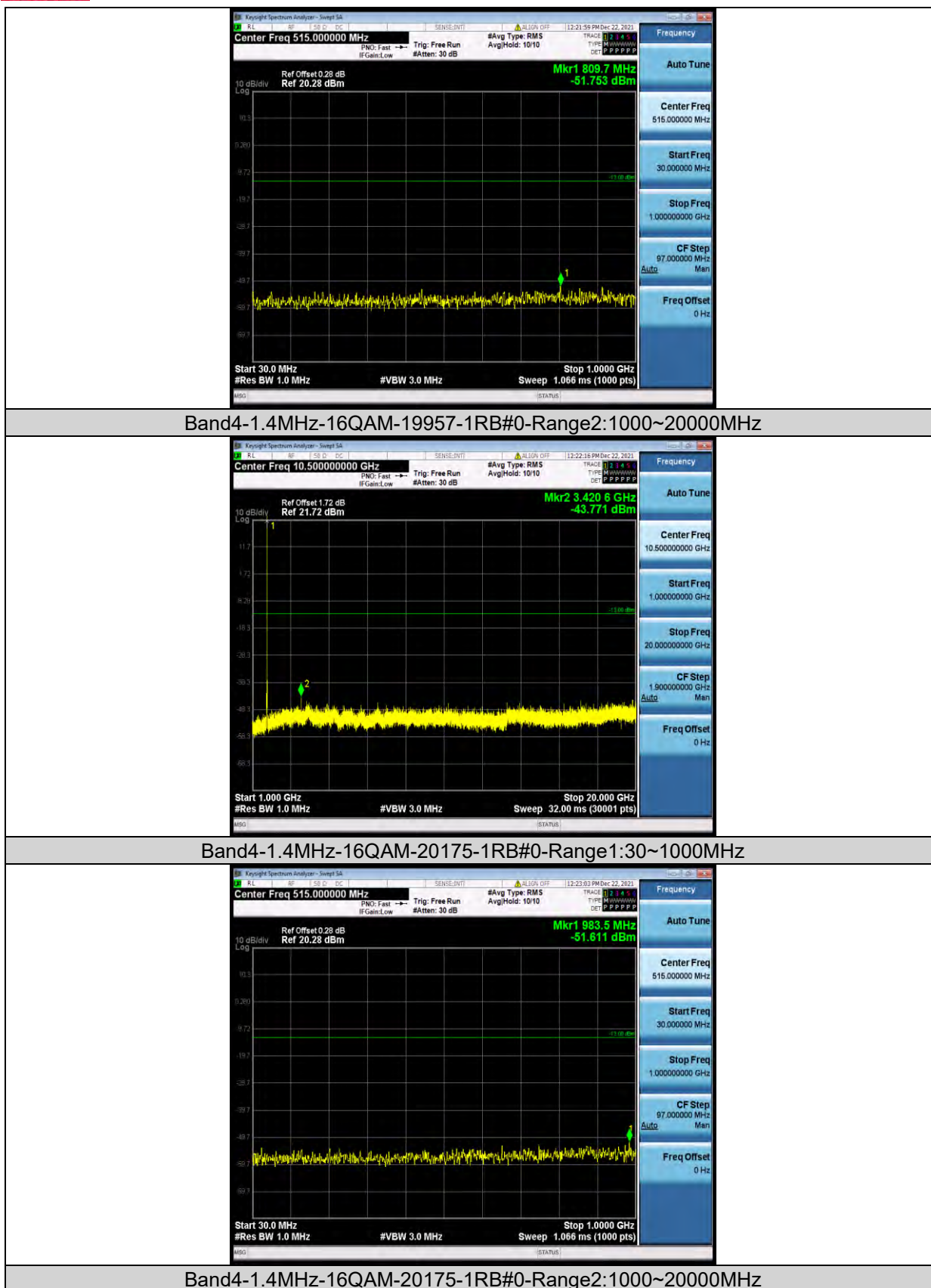
Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz

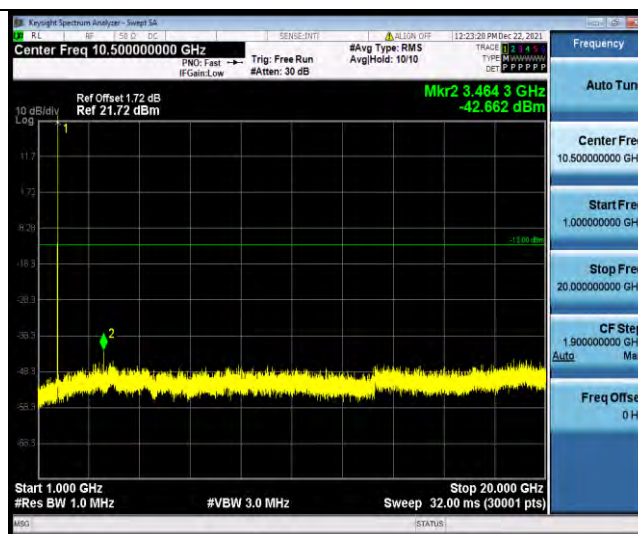


Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~20000MHz

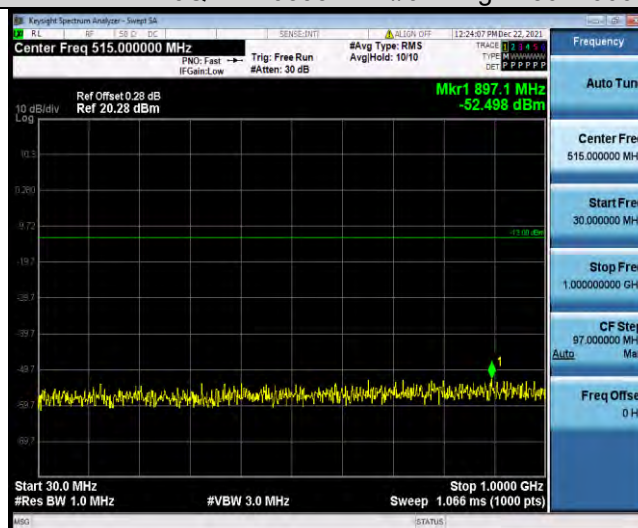


Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz

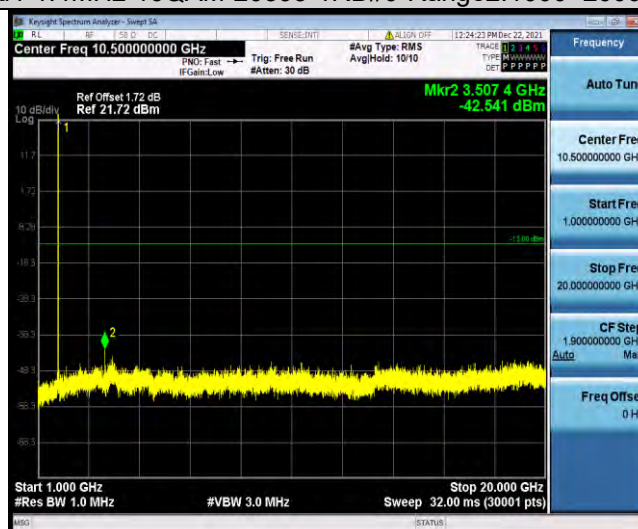




Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz



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

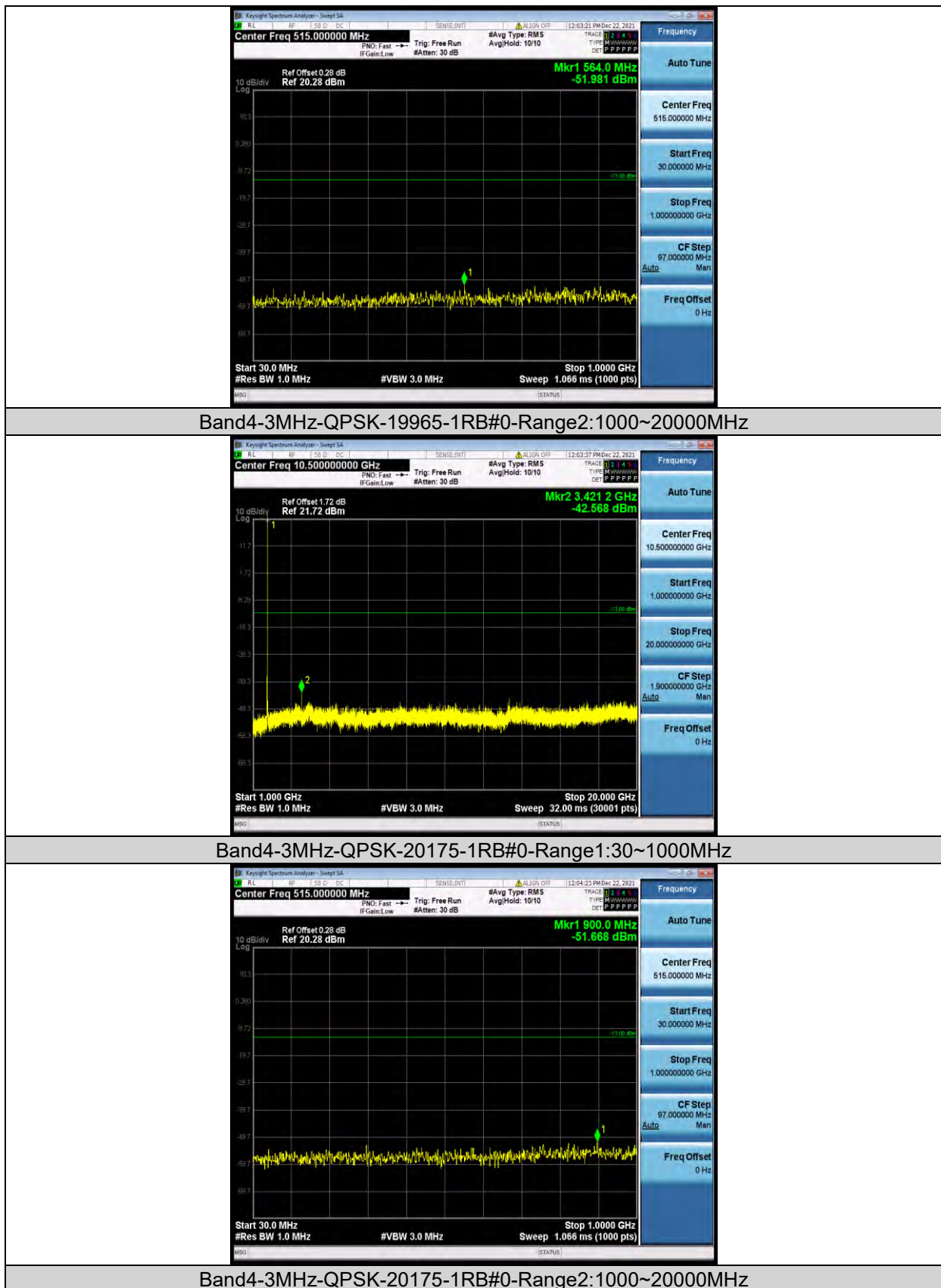


Band4-3MHz-QPSK-19965-1RB#0-Range1:30~1000MHz



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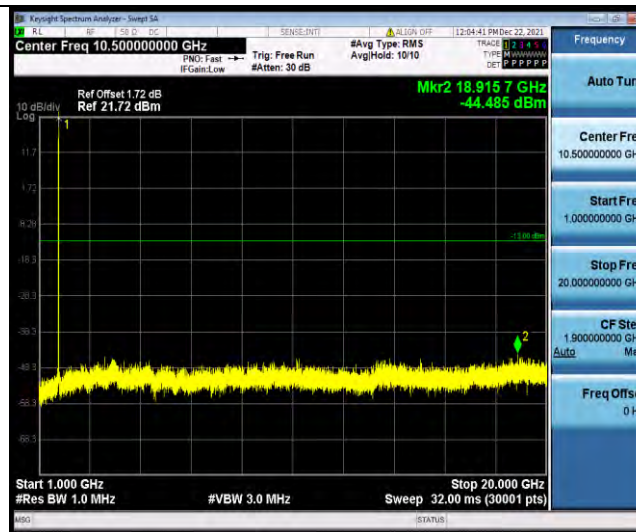
Test Report No.: W7L-211220W001RF03



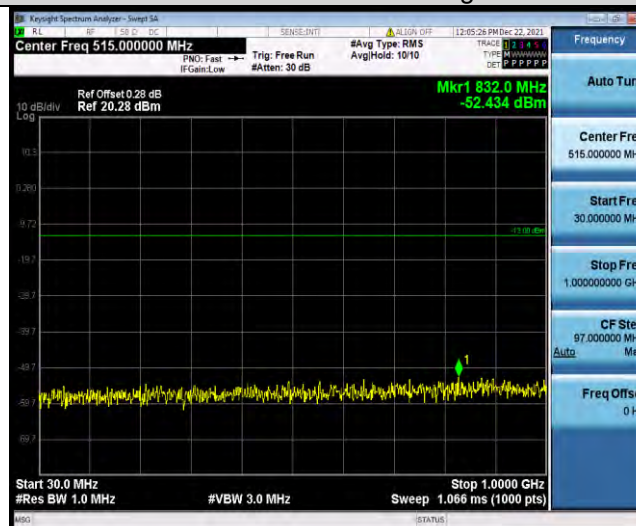


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VERITAS

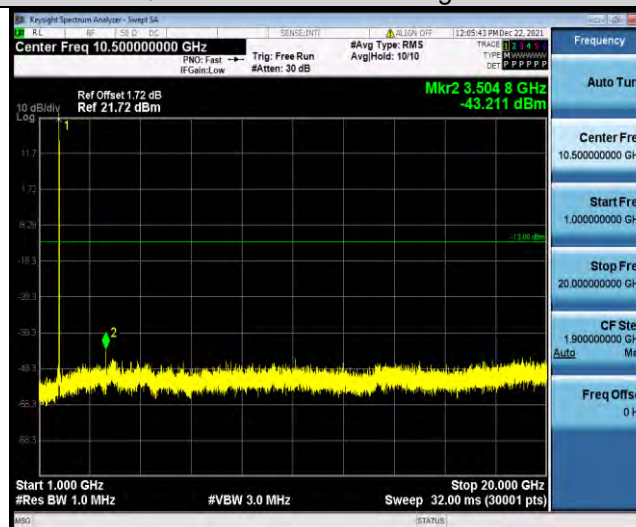
Test Report No.: W7L-211220W001RF03



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



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

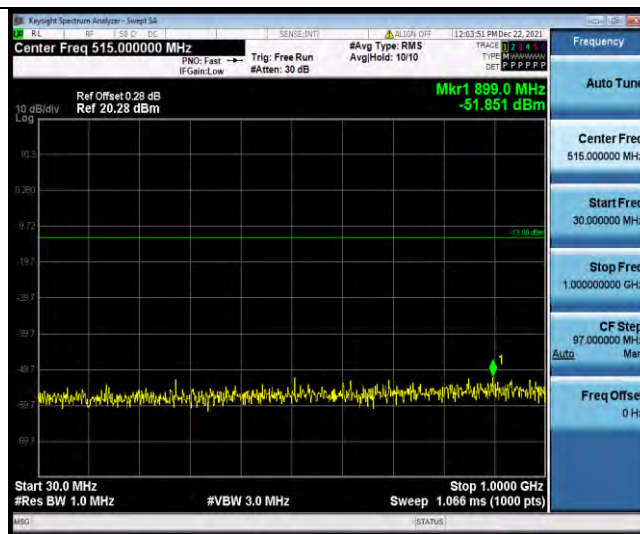


Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz

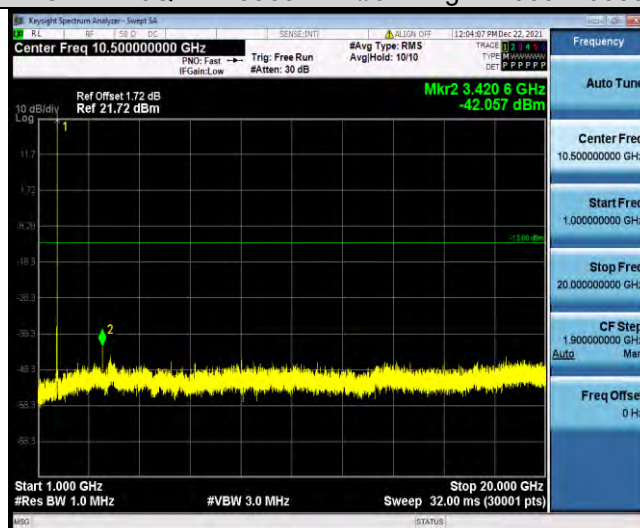


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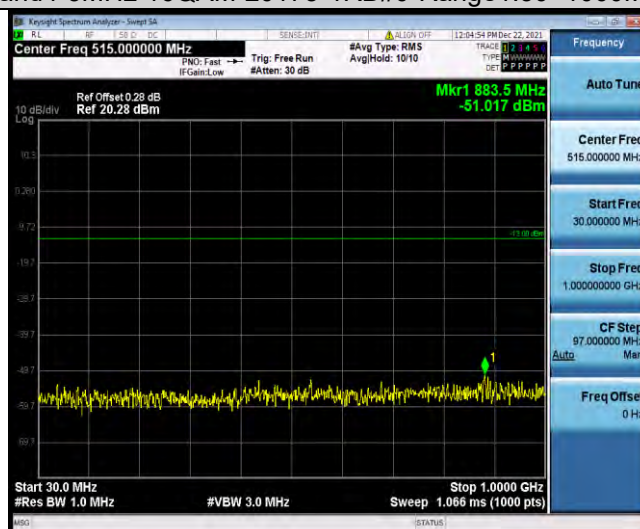
Test Report No.: W7L-211220W001RF03



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

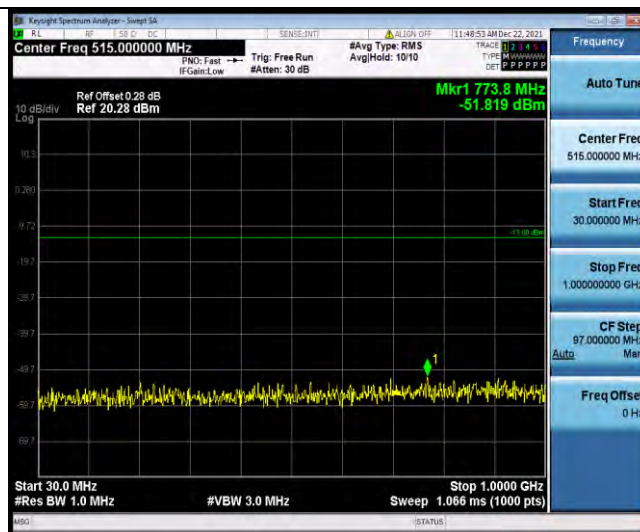


Band4-3MHz-16QAM-20175-1RB#0-Range1:30~1000MHz

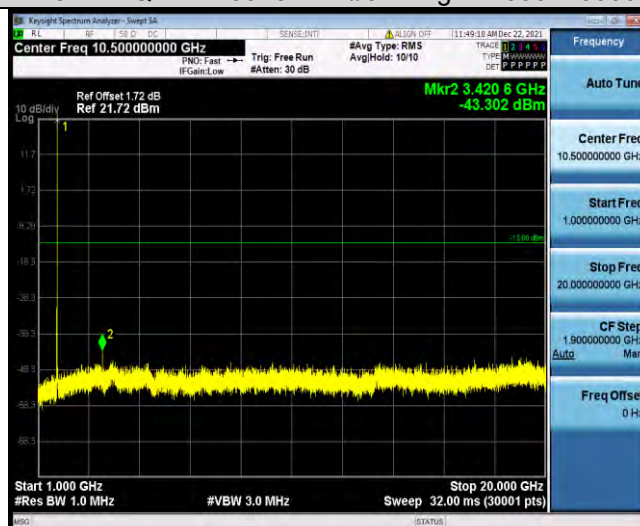


Band4-3MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz

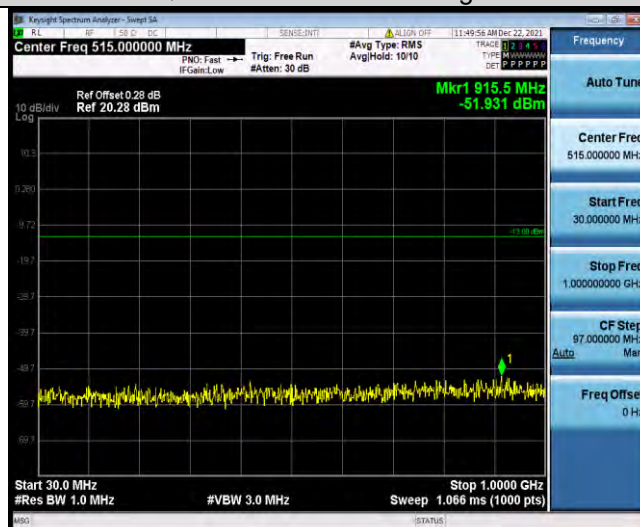




Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~20000MHz



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

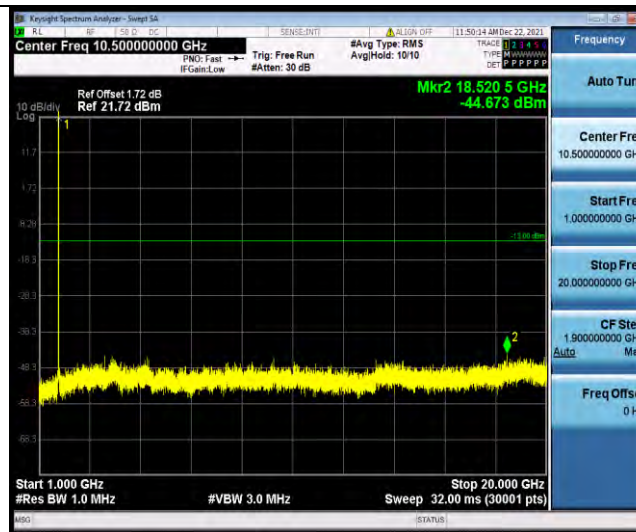


Band4-5MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

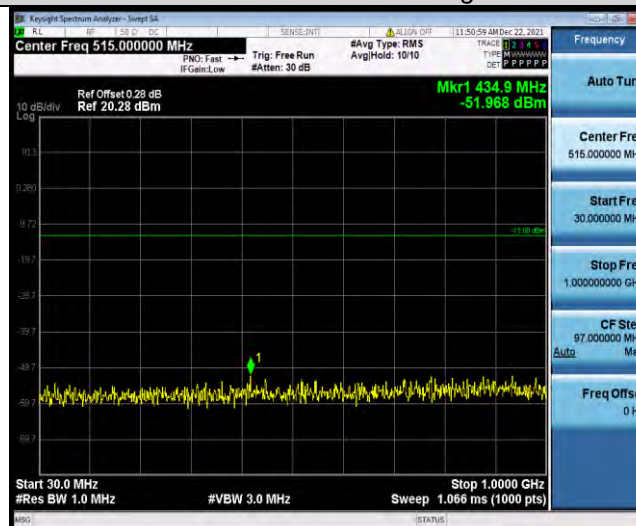


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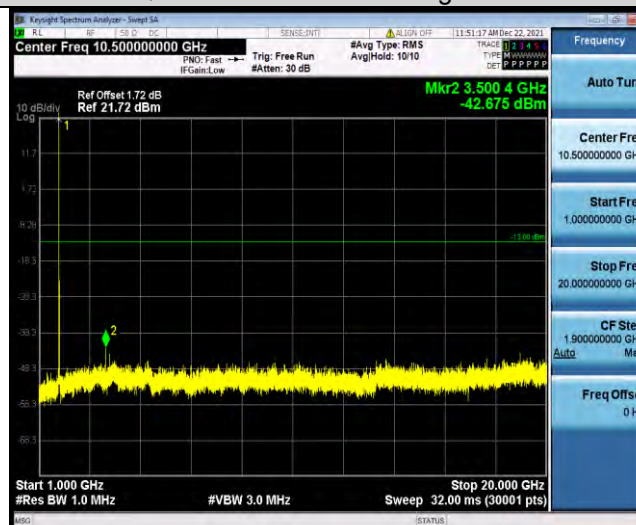
Test Report No.: W7L-211220W001RF03



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



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

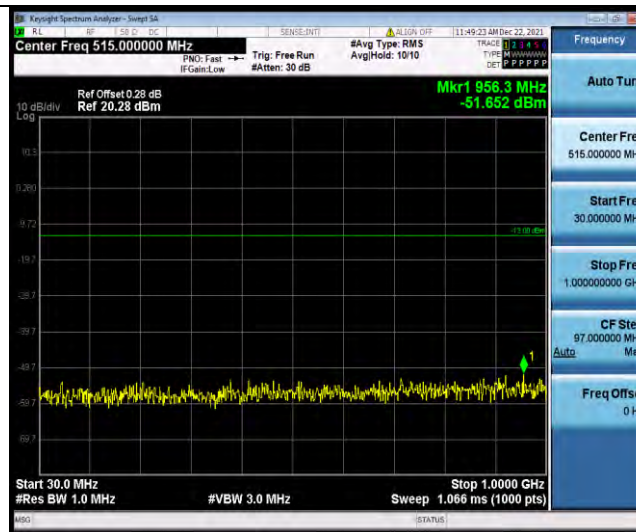


Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz

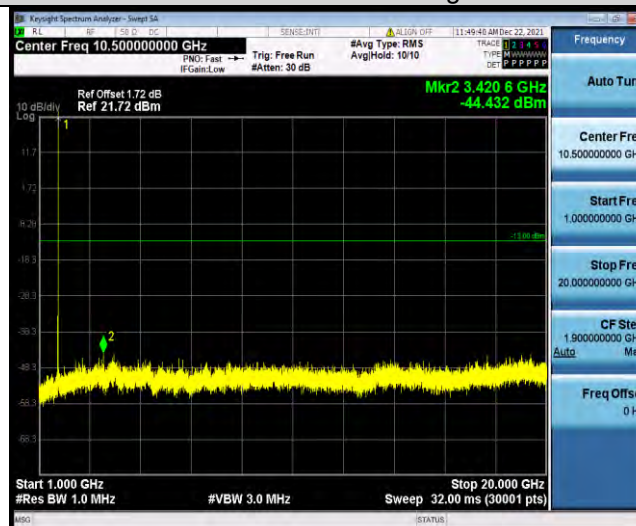


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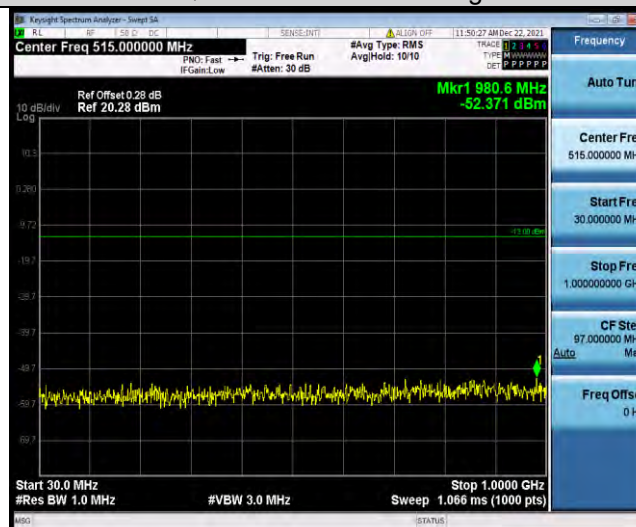
Test Report No.: W7L-211220W001RF03



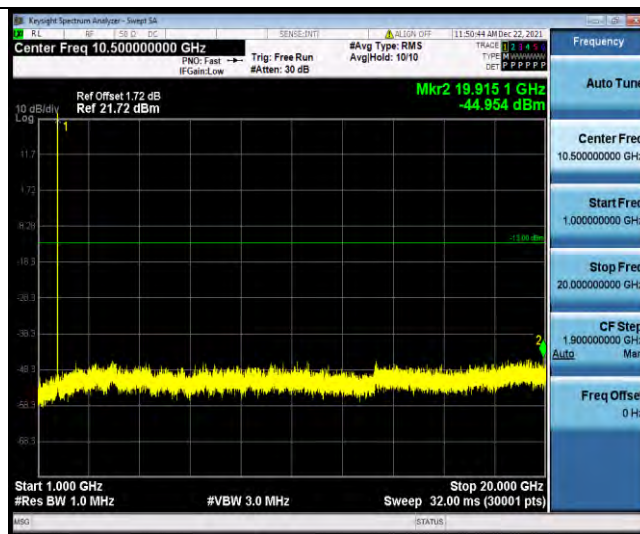
Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~20000MHz



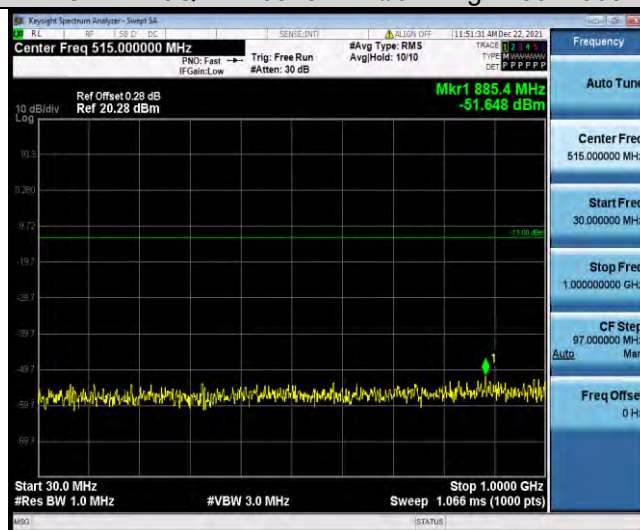
Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



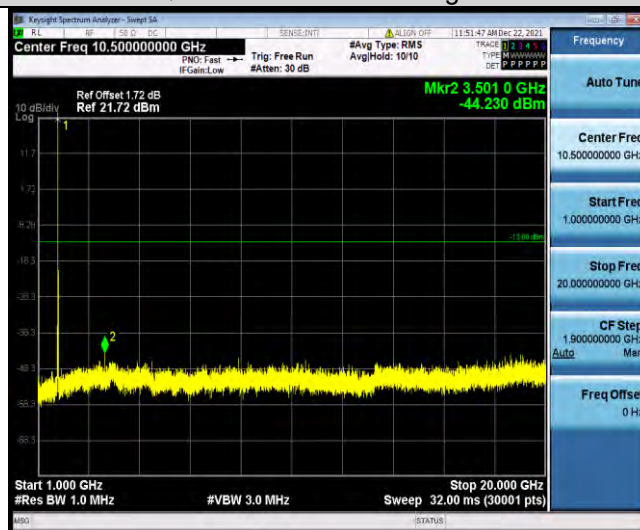
Band4-5MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



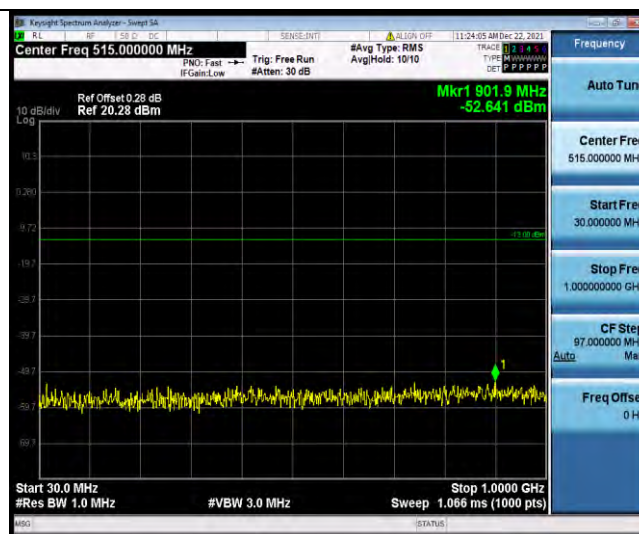
Band4-5MHz-16QAM-20375-1RB#0-Range1:30~1000MHz



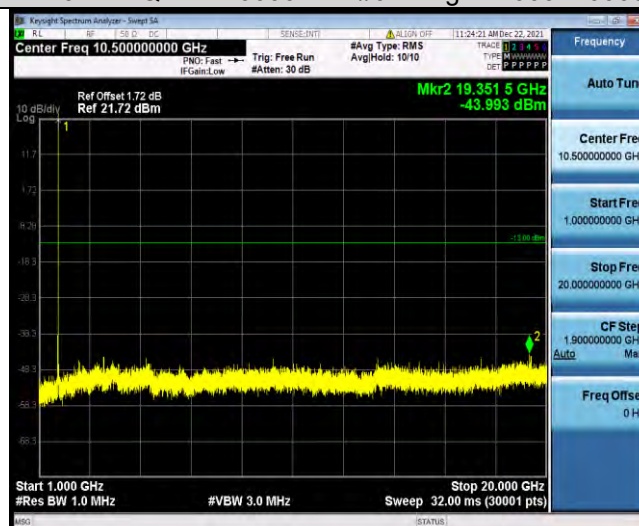
Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~20000MHz



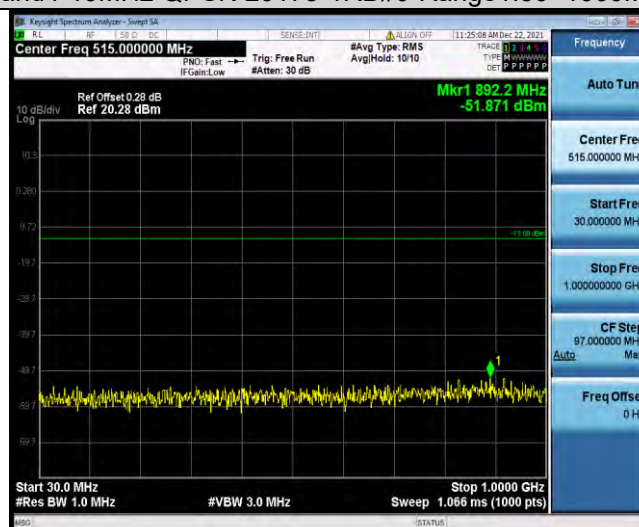
Band4-10MHz-QPSK-20000-1RB#0-Range1:30~1000MHz



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

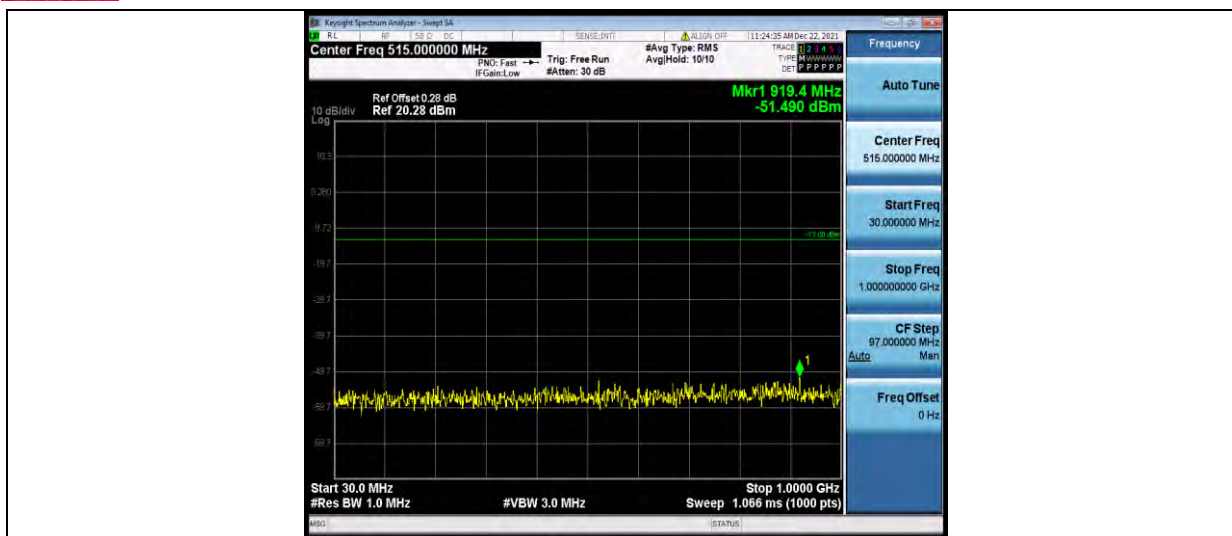


Band4-10MHz-QPSK-20175-1RB#0-Range1:30~1000MHz

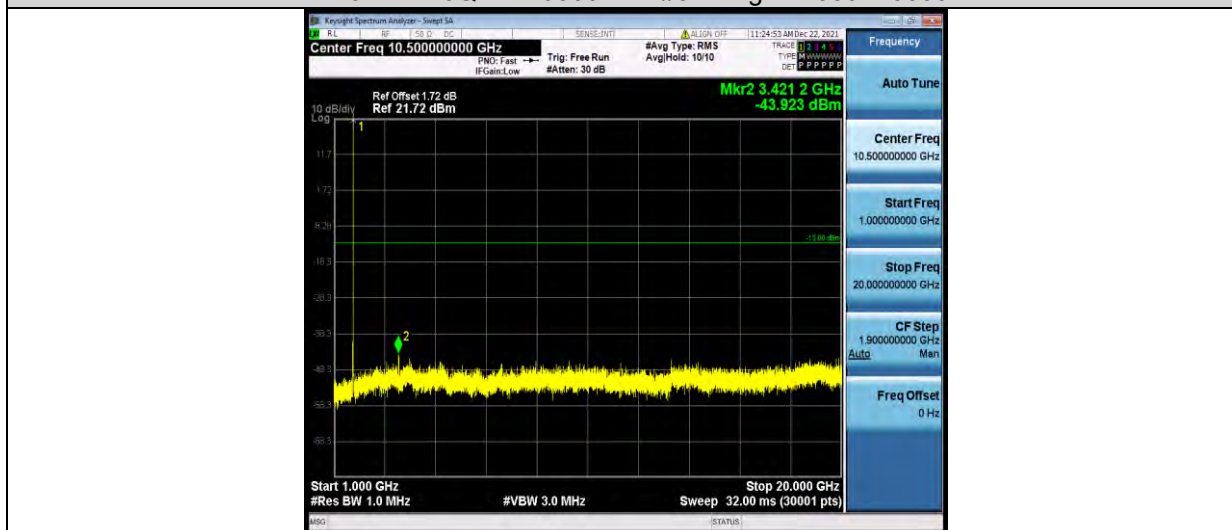


Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz

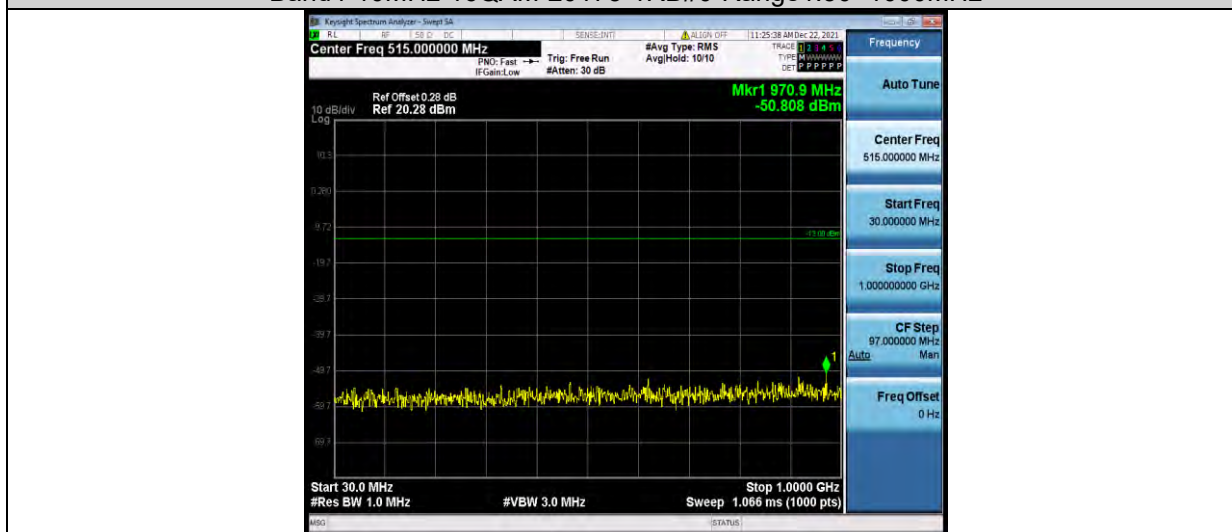




Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~20000MHz



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



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