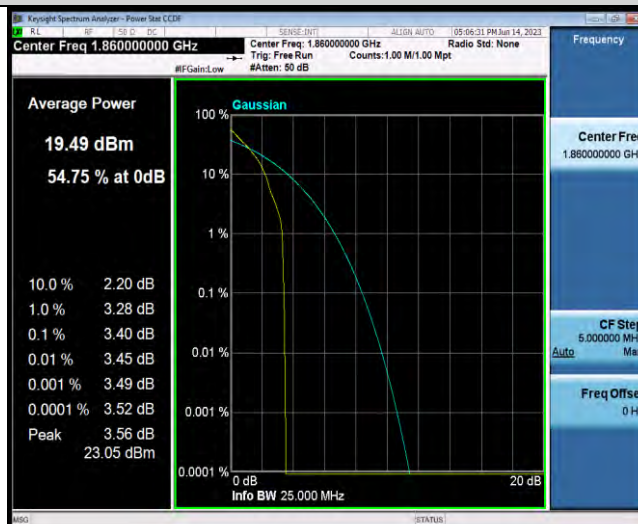
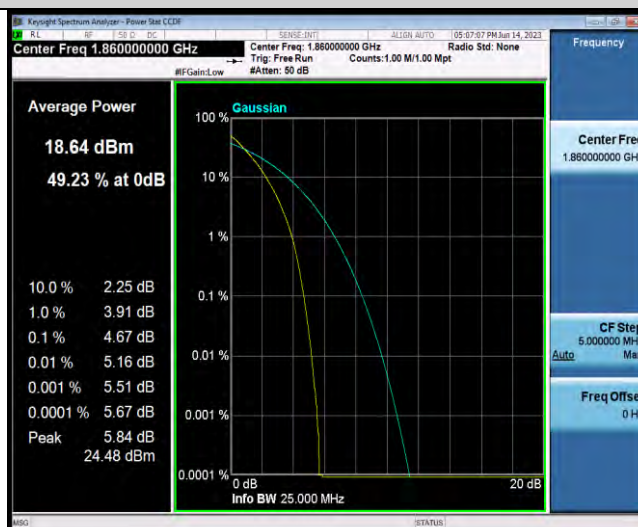


Test Graphs

Band2-20MHz-QPSK-18700-1RB#0



Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-1RB#0

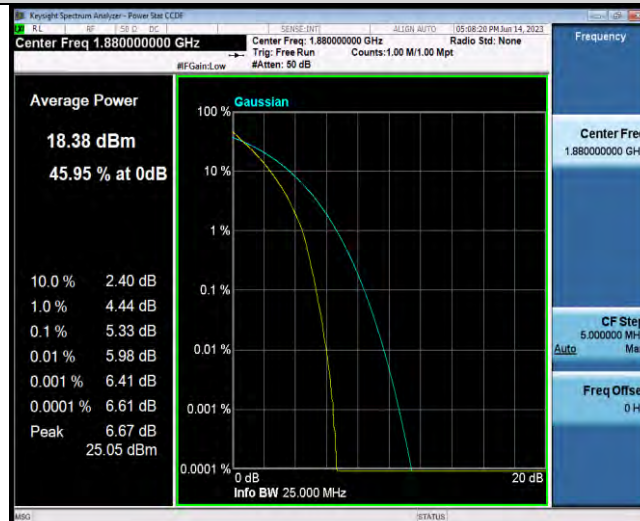


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Test Report No.: W7L-P23060003RF03



Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-1RB#0

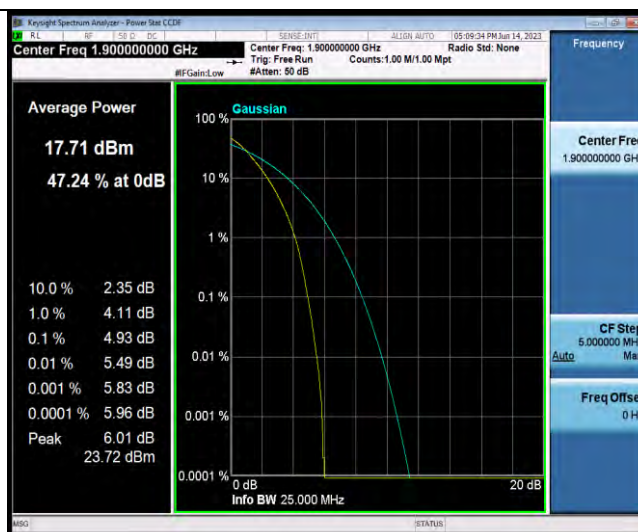


Band2-20MHz-QPSK-19100-100RB#0



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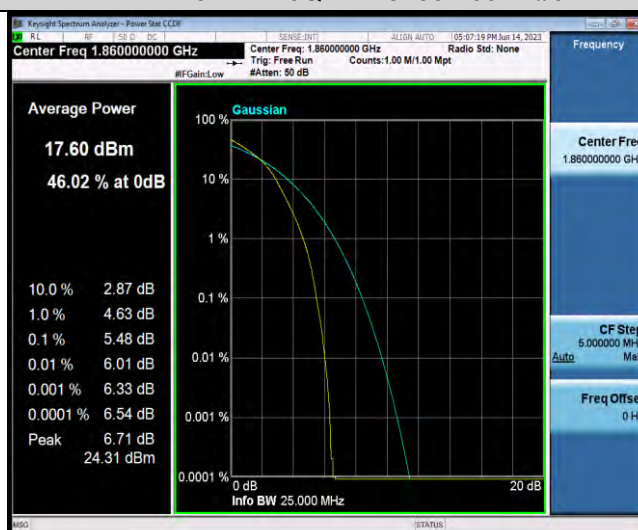
Test Report No.: W7L-P23060003RF03



Band2-20MHz-16QAM-18700-1RB#0



Band2-20MHz-16QAM-18700-100RB#0

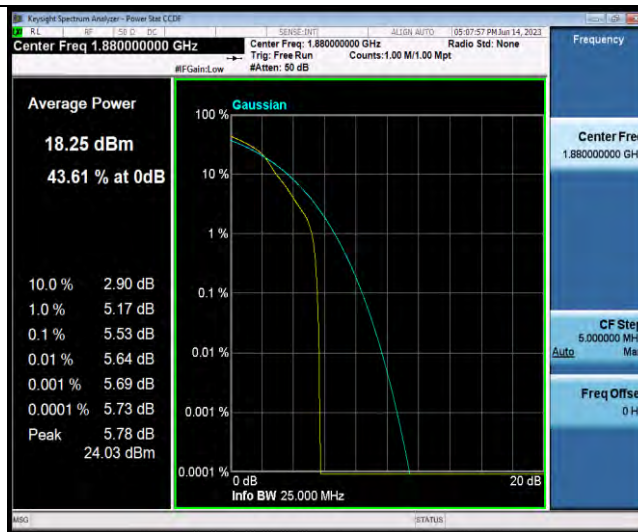


Band2-20MHz-16QAM-18900-1RB#0

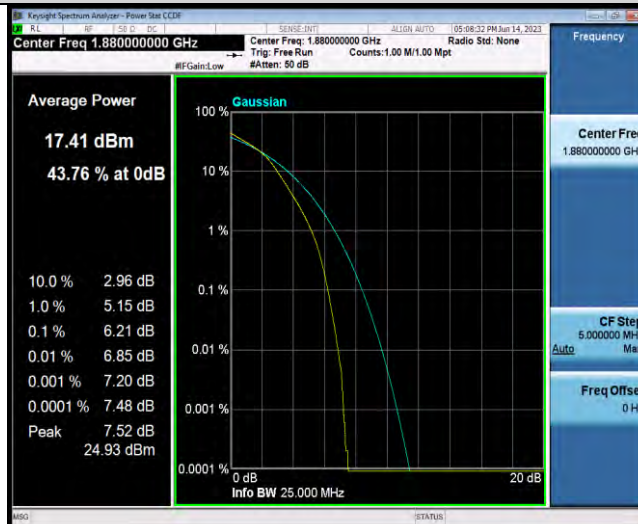


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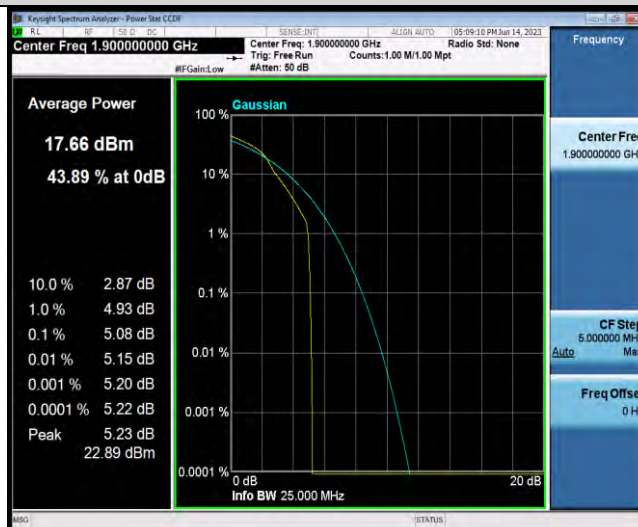
Test Report No.: W7L-P23060003RF03



Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-1RB#0

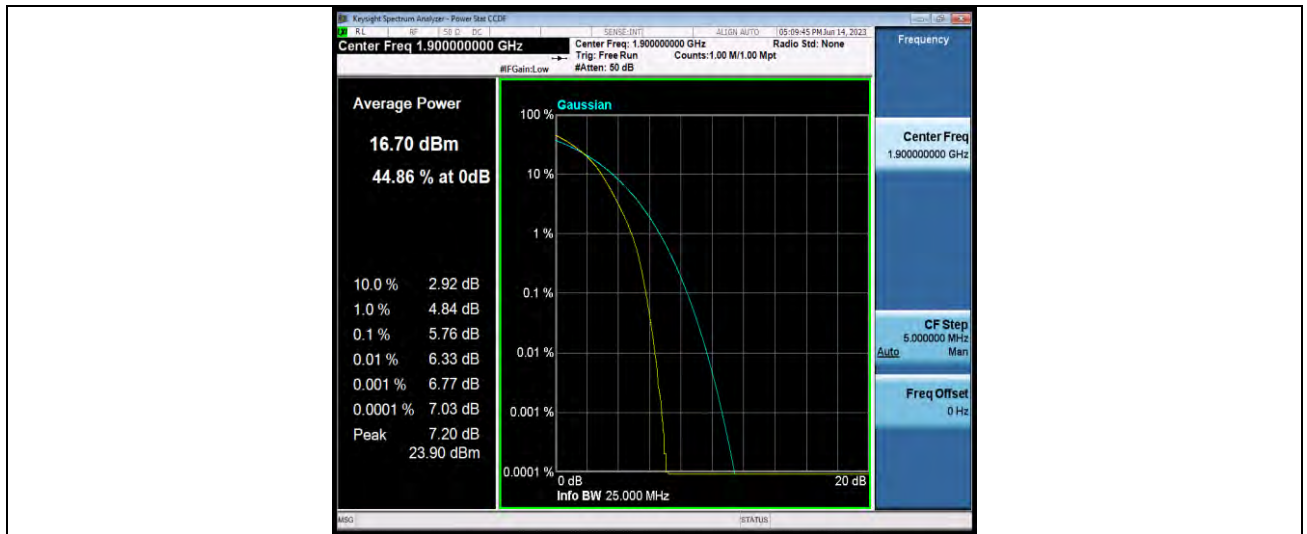


Band2-20MHz-16QAM-19100-100RB#0



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Test Report No.: W7L-P23060003RF03



26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0931	1.274	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0884	1.265	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0949	1.271	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0915	1.274	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0868	1.262	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0911	1.280	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6949	2.952	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7003	2.901	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6987	2.941	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6991	2.932	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6971	2.929	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7000	2.926	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5022	4.875	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5007	4.873	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5057	4.838	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5098	4.897	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5055	4.881	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5060	4.904	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9672	9.588	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9598	9.559	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9626	9.548	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9520	9.565	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9827	9.573	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9661	9.551	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.437	14.27	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.461	14.29	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.432	14.23	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.435	14.26	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.472	14.27	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.428	14.24	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.877	18.97	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.931	18.98	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.852	18.93	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.867	18.95	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.936	19.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.848	18.91	PASS

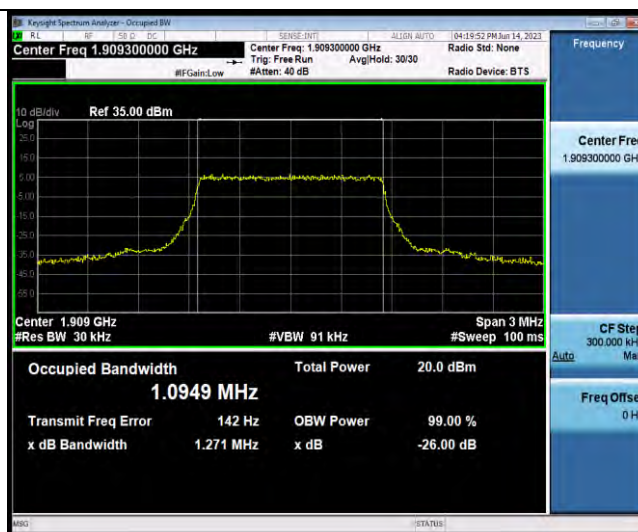
Test Graphs





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Test Report No.: W7L-P23060003RF03



Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-18900-6RB#0

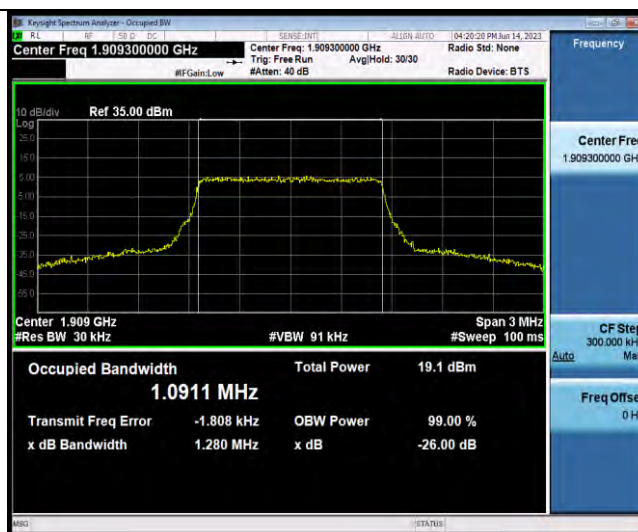


Band2-1.4MHz-16QAM-19193-6RB#0



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Test Report No.: W7L-P23060003RF03



Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-18900-15RB#0



Band2-3MHz-QPSK-19185-15RB#0

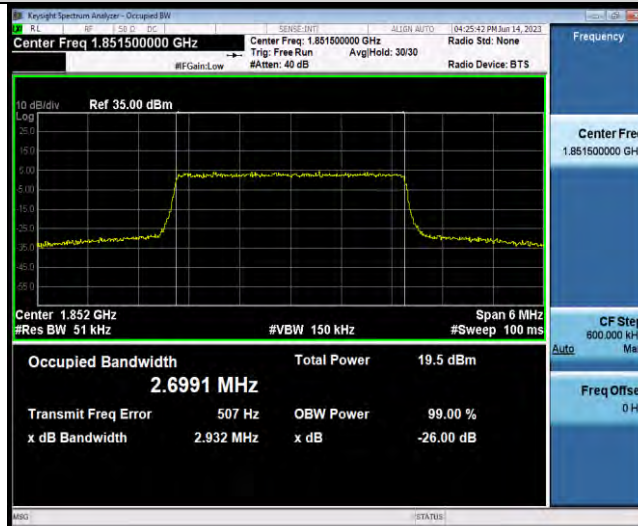


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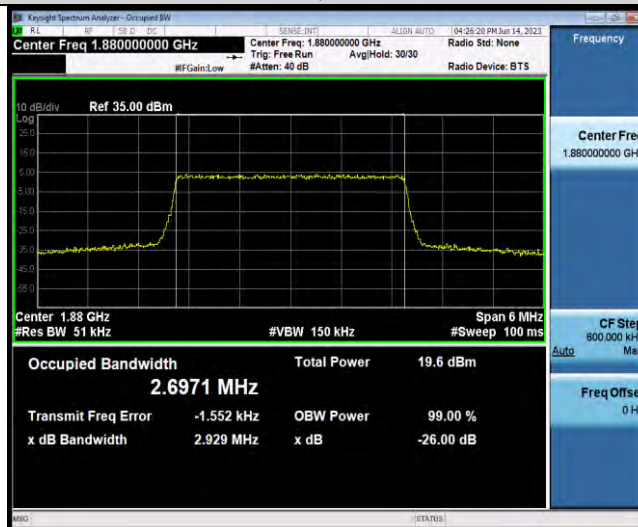
Test Report No.: W7L-P23060003RF03



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-18900-15RB#0



Band2-3MHz-16QAM-19185-15RB#0



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Test Report No.: W7L-P23060003RF03



Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-18900-25RB#0



Band2-5MHz-QPSK-19175-25RB#0



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VERITAS

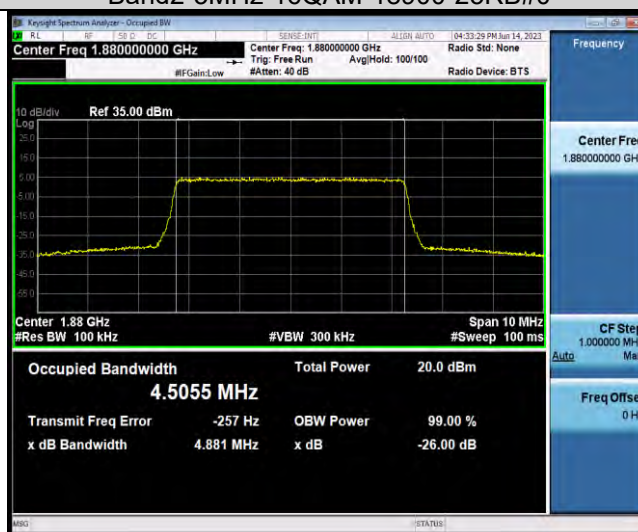
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Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-18900-25RB#0



Band2-5MHz-16QAM-19175-25RB#0



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VERITAS

Test Report No.: W7L-P23060003RF03



Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-18900-50RB#0



Band2-10MHz-QPSK-19150-50RB#0



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VERITAS

Test Report No.: W7L-P23060003RF03



Band2-10MHz-16QAM-18650-50RB#0



Band2-10MHz-16QAM-18900-50RB#0



Band2-10MHz-16QAM-19150-50RB#0

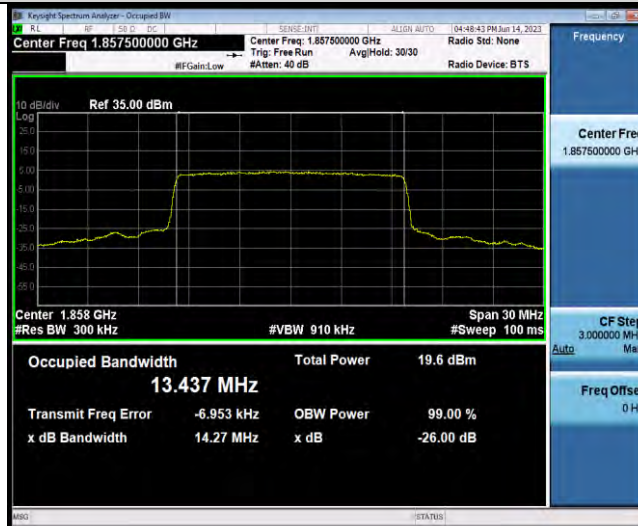


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VERITAS

Test Report No.: W7L-P23060003RF03



Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-18900-75RB#0

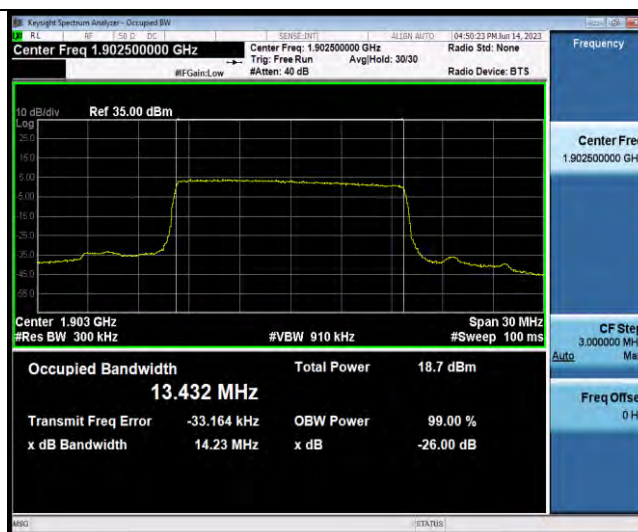


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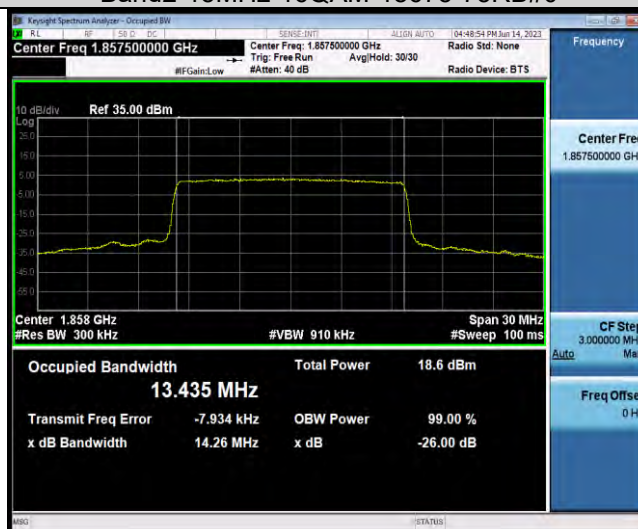


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VERITAS

Test Report No.: W7L-P23060003RF03



Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-18900-75RB#0



Band2-15MHz-16QAM-19125-75RB#0



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VERITAS

Test Report No.: W7L-P23060003RF03



Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-100RB#0



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VERITAS

Test Report No.: W7L-P23060003RF03



Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-100RB#0



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VERITAS

Test Report No.: W7L-P23060003RF03





BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-35.28,-28.13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-26.84,-27.44	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-30.33,-33.29	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-33.50,-32.32	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-38.06,-28.69	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-28.70,-29.92	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-31.65,-36.67	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-33.87,-34.18	PASS
Band2	3MHz	QPSK	18615	1RB#0	-38.15,-27.46	PASS
Band2	3MHz	QPSK	18615	15RB#0	-23.88,-25.73	PASS
Band2	3MHz	QPSK	19185	1RB#14	-32.38,-39.59	PASS
Band2	3MHz	QPSK	19185	15RB#0	-31.63,-30.09	PASS
Band2	3MHz	16QAM	18615	1RB#0	-39.53,-32.46	PASS
Band2	3MHz	16QAM	18615	15RB#0	-26.59,-28.09	PASS
Band2	3MHz	16QAM	19185	1RB#14	-33.32,-40.97	PASS
Band2	3MHz	16QAM	19185	15RB#0	-32.81,-29.79	PASS
Band2	5MHz	QPSK	18625	1RB#0	-39.02,-29.94	PASS
Band2	5MHz	QPSK	18625	1RB#24	-45.37,-62.82	PASS
Band2	5MHz	QPSK	18625	25RB#0	-23.59,-28.40	PASS
Band2	5MHz	QPSK	19175	1RB#0	-63.30,-39.63	PASS
Band2	5MHz	QPSK	19175	1RB#24	-35.20,-40.46	PASS
Band2	5MHz	QPSK	19175	25RB#0	-36.02,-31.83	PASS
Band2	5MHz	16QAM	18625	1RB#0	-41.66,-35.77	PASS
Band2	5MHz	16QAM	18625	1RB#24	-46.72,-63.66	PASS
Band2	5MHz	16QAM	18625	25RB#0	-26.55,-31.14	PASS
Band2	5MHz	16QAM	19175	1RB#0	-64.81,-43.21	PASS
Band2	5MHz	16QAM	19175	1RB#24	-36.54,-41.72	PASS
Band2	5MHz	16QAM	19175	25RB#0	-36.49,-31.18	PASS
Band2	10MHz	QPSK	18650	1RB#0	-40.85,-44.89	PASS
Band2	10MHz	QPSK	18650	50RB#0	-25.45,-27.17	PASS
Band2	10MHz	QPSK	19150	1RB#49	-48.72,-41.17	PASS
Band2	10MHz	QPSK	19150	50RB#0	-37.22,-36.90	PASS
Band2	10MHz	16QAM	18650	1RB#0	-42.52,-45.39	PASS
Band2	10MHz	16QAM	18650	50RB#0	-27.93,-30.09	PASS
Band2	10MHz	16QAM	19150	1RB#49	-48.43,-42.76	PASS
Band2	10MHz	16QAM	19150	50RB#0	-37.88,-36.42	PASS
Band2	15MHz	QPSK	18675	1RB#0	-41.08,-44.52	PASS
Band2	15MHz	QPSK	18675	75RB#0	-25.37,-28.40	PASS
Band2	15MHz	QPSK	19125	1RB#74	-47.81,-42.53	PASS
Band2	15MHz	QPSK	19125	75RB#0	-36.87,-35.26	PASS
Band2	15MHz	16QAM	18675	1RB#0	-42.48,-46.21	PASS
Band2	15MHz	16QAM	18675	75RB#0	-27.67,-31.34	PASS
Band2	15MHz	16QAM	19125	1RB#74	-47.75,-44.04	PASS
Band2	15MHz	16QAM	19125	75RB#0	-39.91,-36.34	PASS
Band2	20MHz	QPSK	18700	1RB#0	-41.90,-48.93	PASS
Band2	20MHz	QPSK	18700	100RB#0	-29.82,-32.60	PASS



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Band2	20MHz	QPSK	19100	1RB#99	-51.20,-42.41	PASS
Band2	20MHz	QPSK	19100	100RB#0	-39.83,-36.95	PASS
Band2	20MHz	16QAM	18700	1RB#0	-43.12,-50.21	PASS
Band2	20MHz	16QAM	18700	100RB#0	-31.29,-35.13	PASS
Band2	20MHz	16QAM	19100	1RB#99	-51.67,-44.26	PASS
Band2	20MHz	16QAM	19100	100RB#0	-41.61,-38.20	PASS

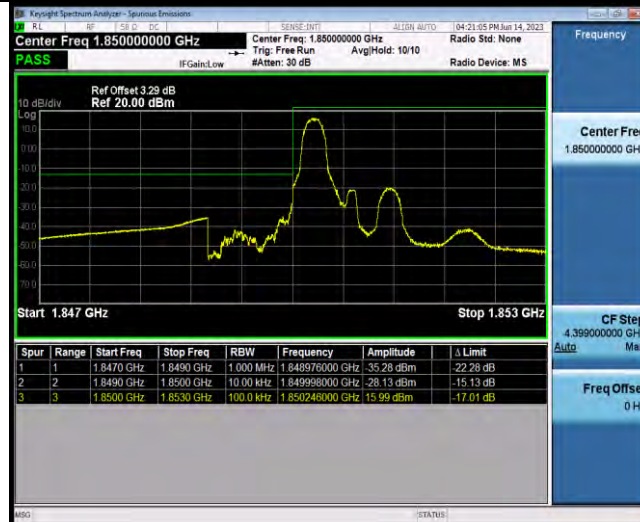


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Test Report No.: W7L-P23060003RF03

Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0



Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-19193-1RB#5

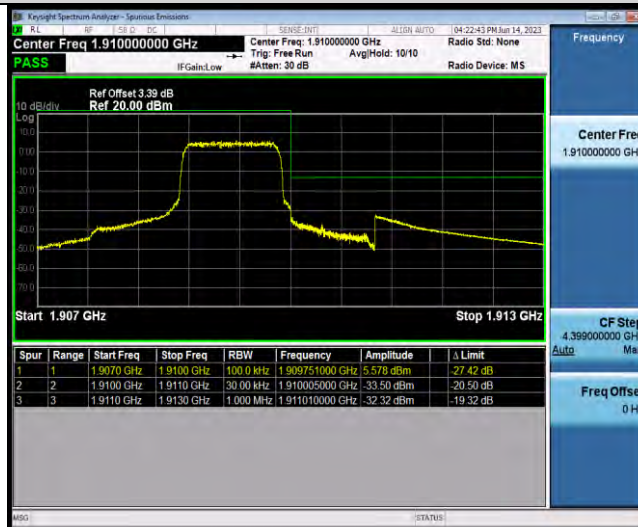




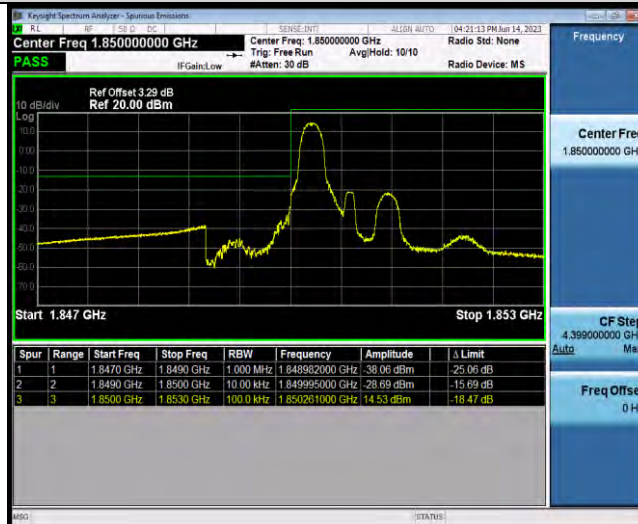
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Test Report No.: W7L-P23060003RF03

Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-16QAM-18607-1RB#0



Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-19193-1RB#5

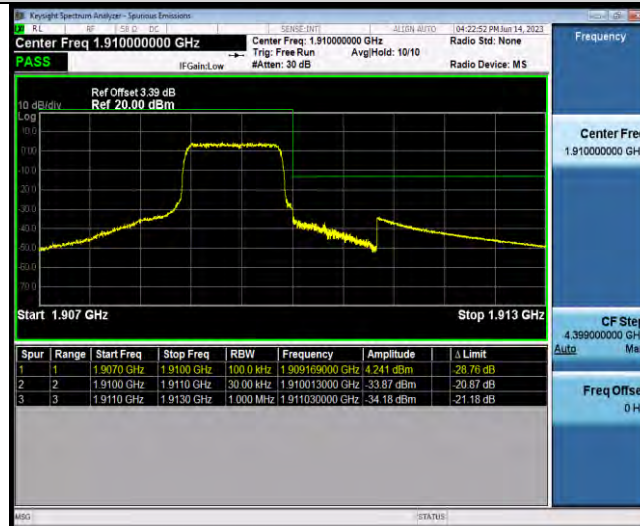


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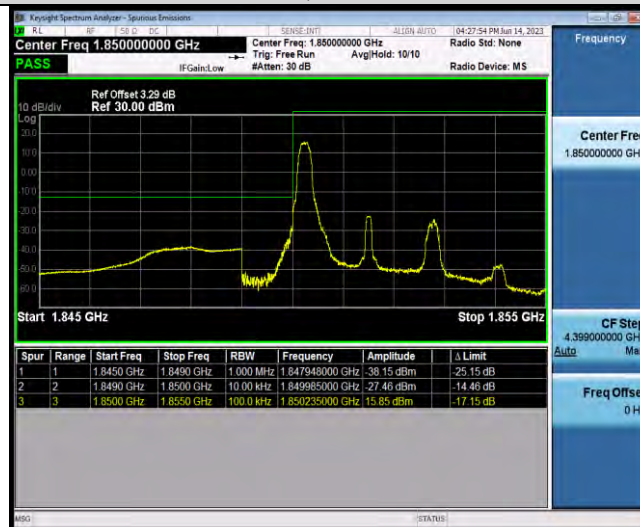
Test Report No.: W7L-P23060003RF03



Band2-1.4MHz-16QAM-19193-6RB#0



Band2-3MHz-QPSK-18615-1RB#0



Band2-3MHz-QPSK-18615-15RB#0

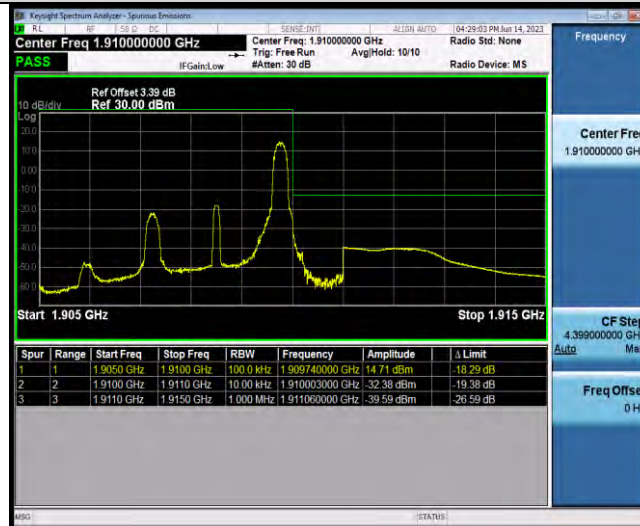


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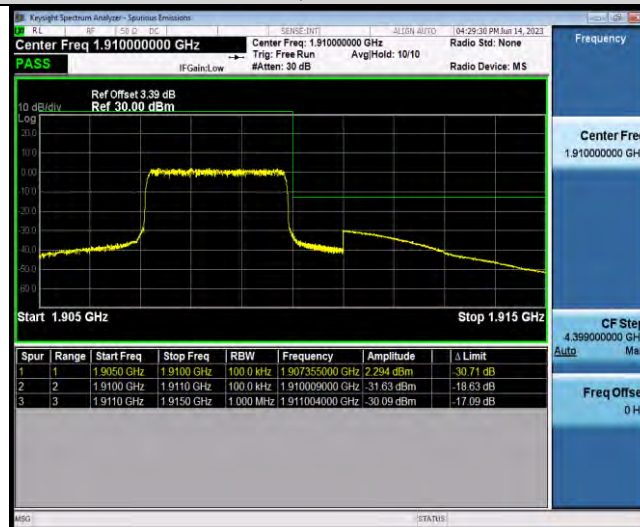
Test Report No.: W7L-P23060003RF03



Band2-3MHz-QPSK-19185-1RB#14



Band2-3MHz-QPSK-19185-15RB#0

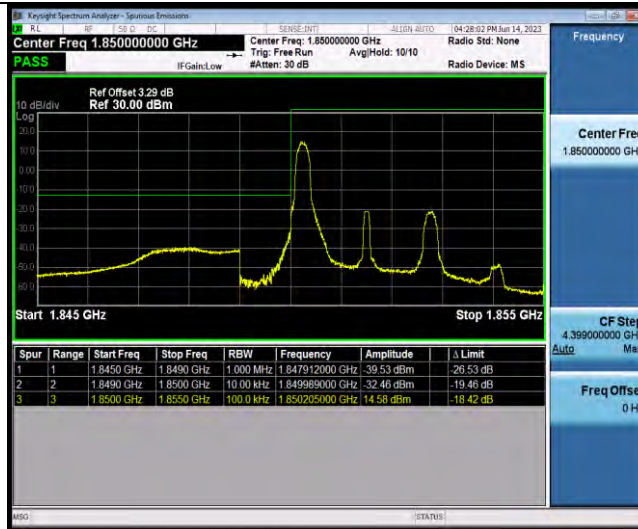


Band2-3MHz-16QAM-18615-1RB#0



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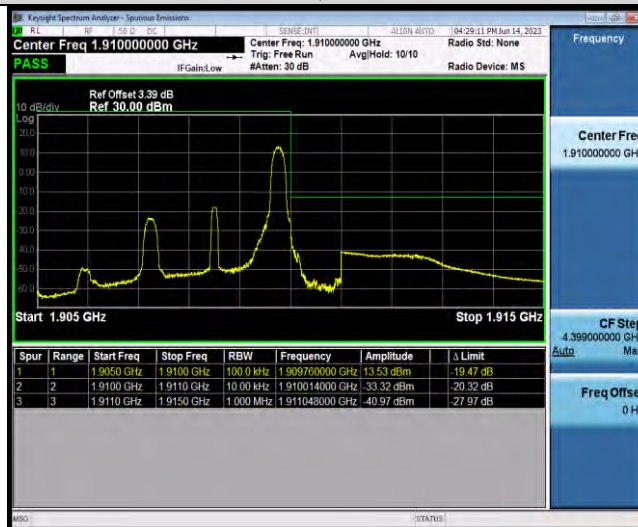
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Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-19185-1RB#14

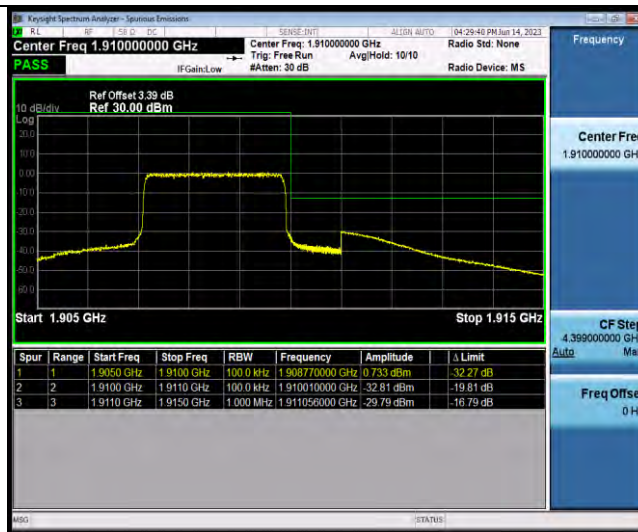


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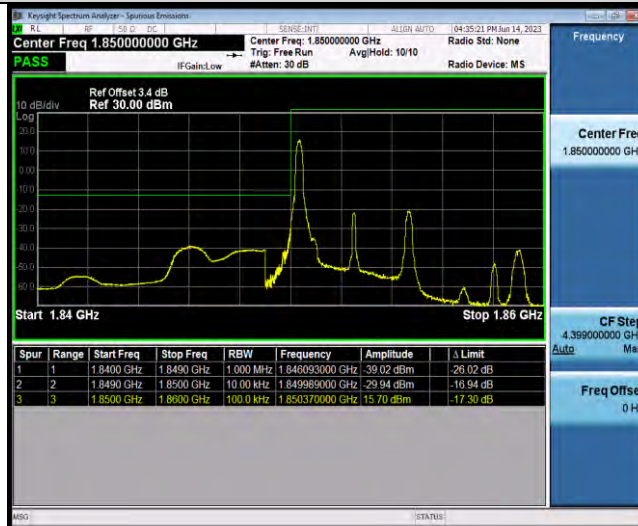


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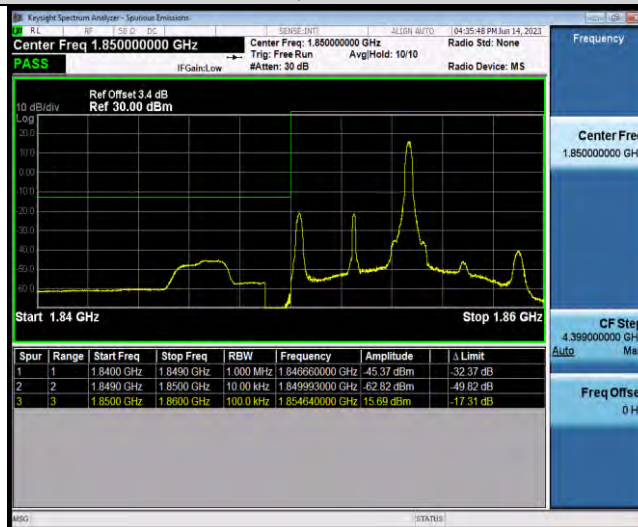
Test Report No.: W7L-P23060003RF03



Band2-5MHz-QPSK-18625-1RB#0



Band2-5MHz-QPSK-18625-1RB#24



Band2-5MHz-QPSK-18625-25RB#0

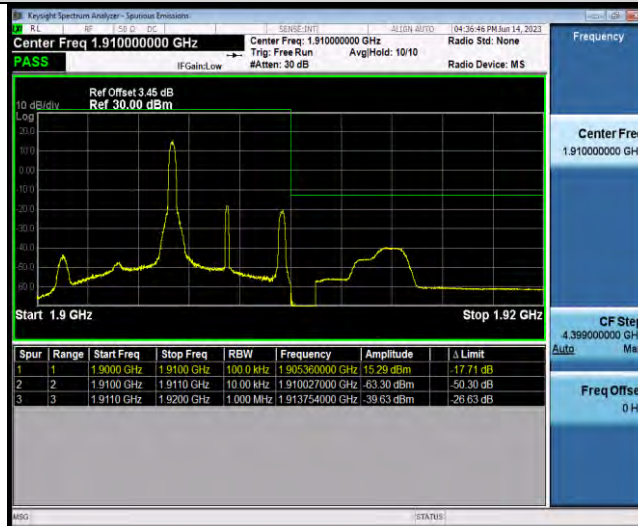


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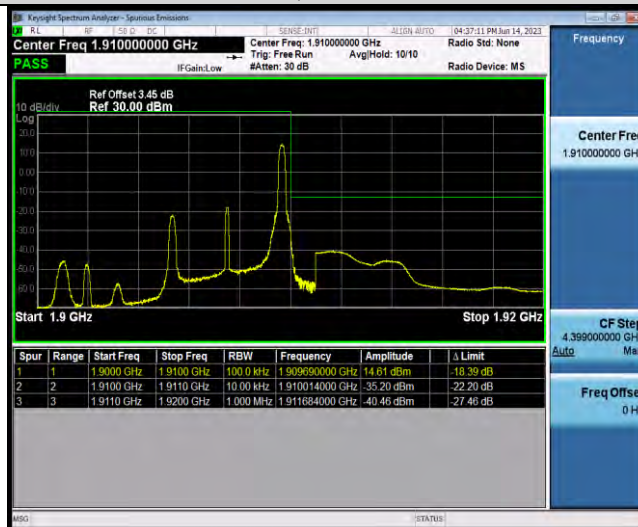
Test Report No.: W7L-P23060003RF03



Band2-5MHz-QPSK-19175-1RB#0



Band2-5MHz-QPSK-19175-1RB#24

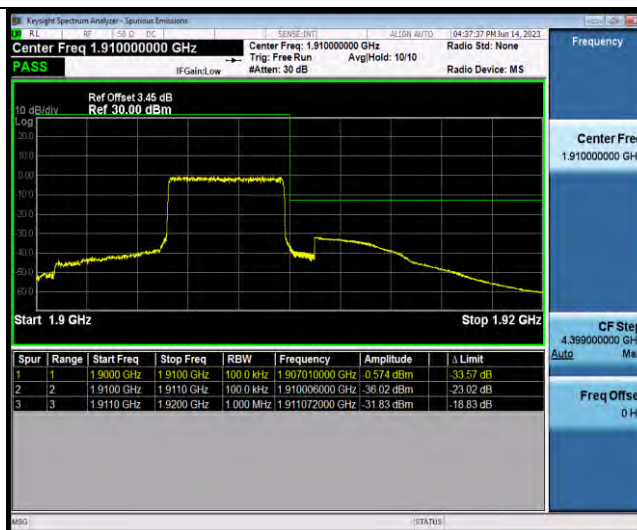


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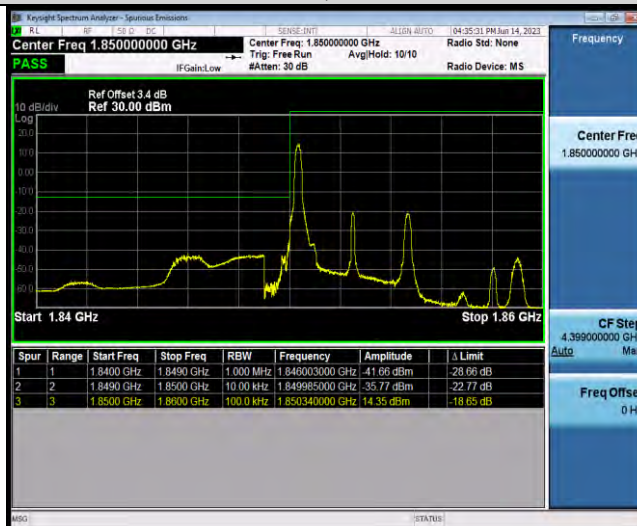


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VERITAS

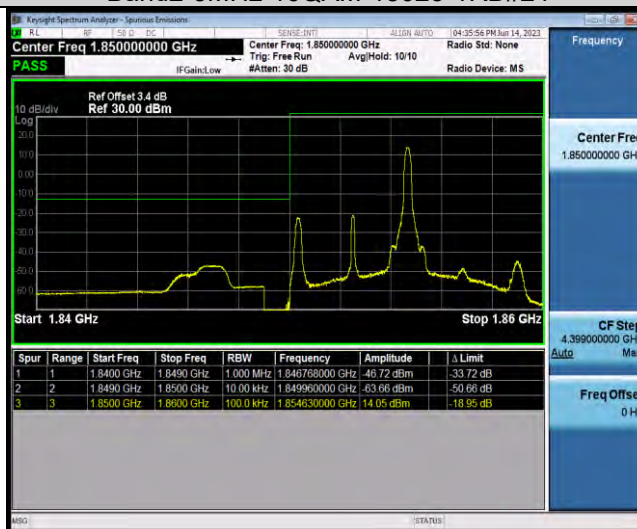
Test Report No.: W7L-P23060003RF03



Band2-5MHz-16QAM-18625-1RB#0



Band2-5MHz-16QAM-18625-1RB#24

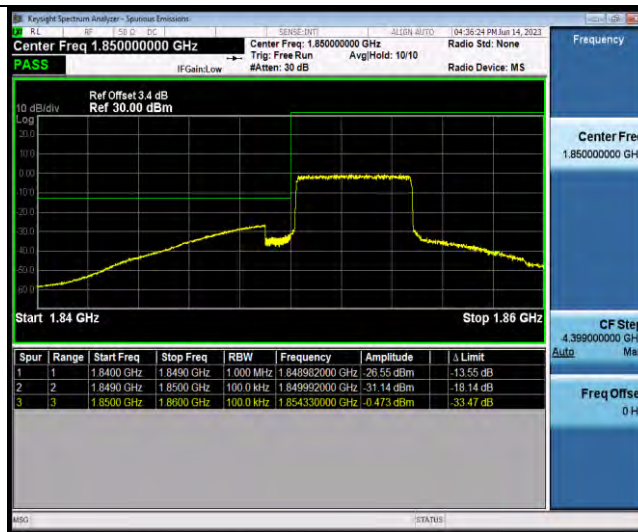


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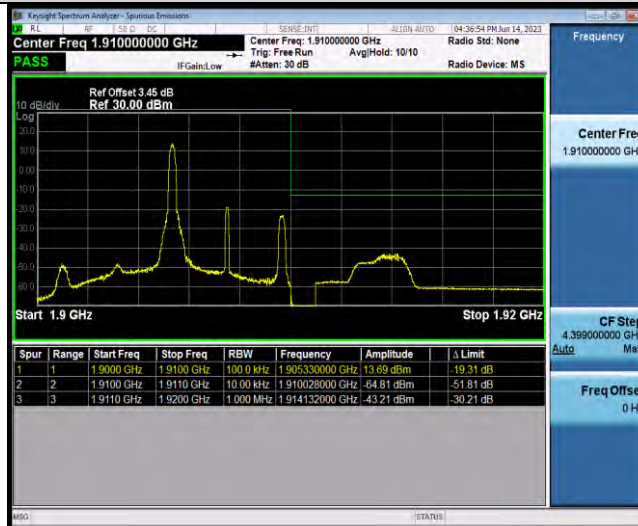


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VERITAS

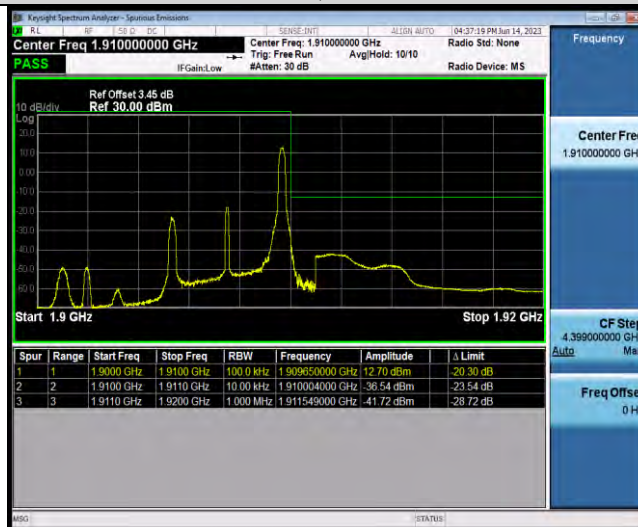
Test Report No.: W7L-P23060003RF03



Band2-5MHz-16QAM-19175-1RB#0



Band2-5MHz-16QAM-19175-1RB#24

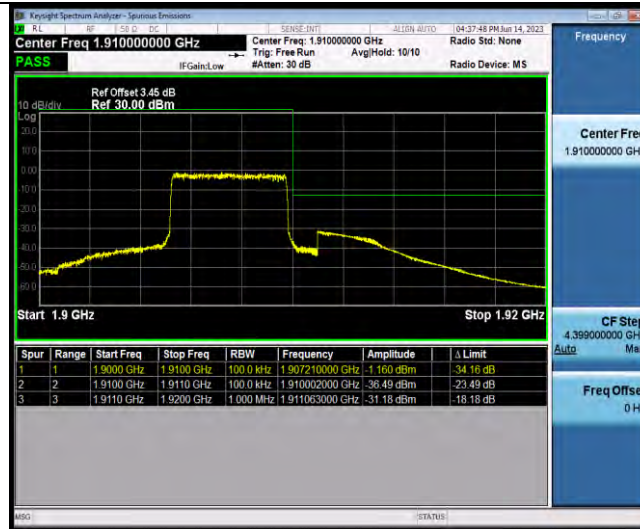


Band2-5MHz-16QAM-19175-25RB#0

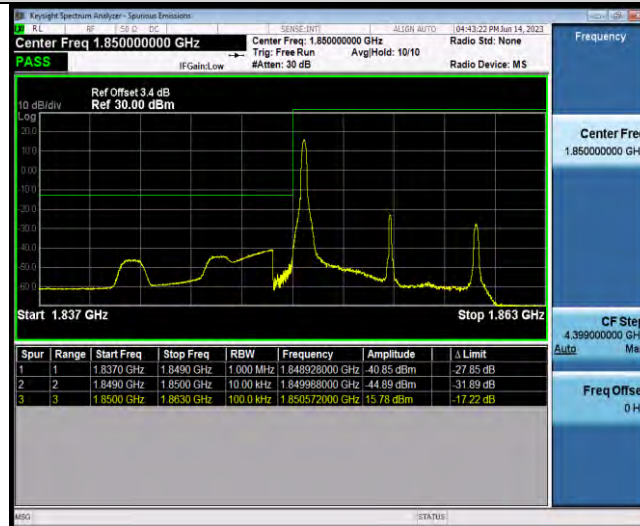


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VERITAS

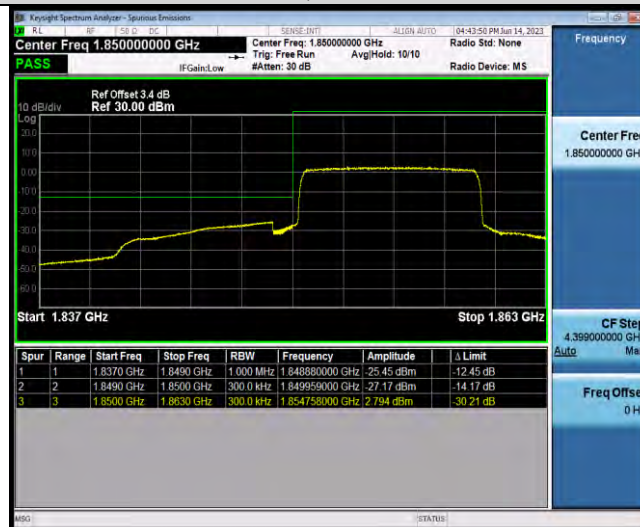
Test Report No.: W7L-P23060003RF03



Band2-10MHz-QPSK-18650-1RB#0



Band2-10MHz-QPSK-18650-50RB#0

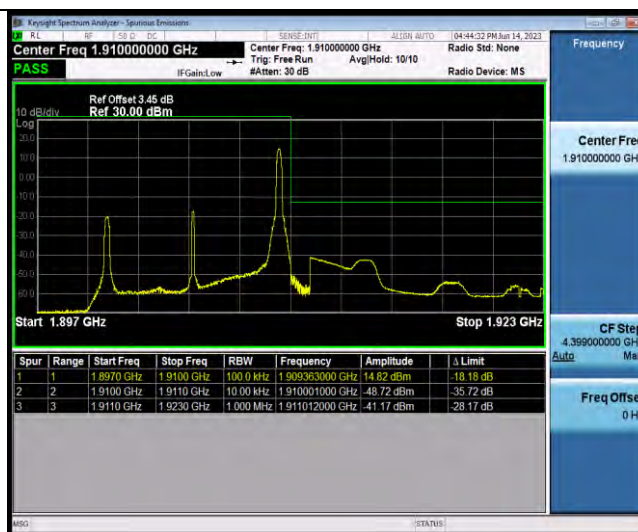


Band2-10MHz-QPSK-19150-1RB#49



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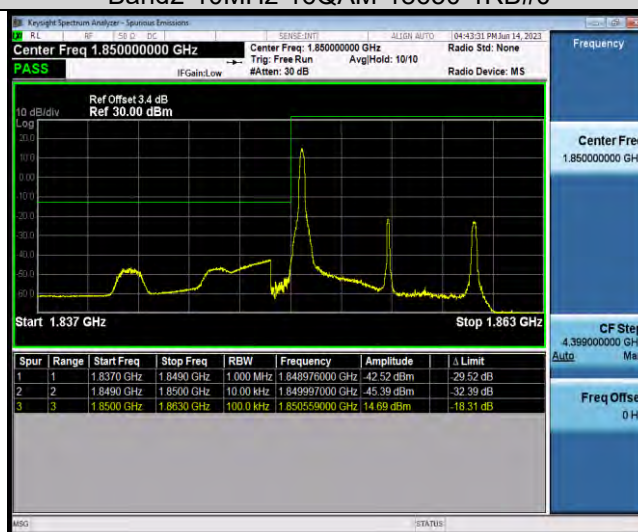
Test Report No.: W7L-P23060003RF03



Band2-10MHz-QPSK-19150-50RB#0



Band2-10MHz-16QAM-18650-1RB#0

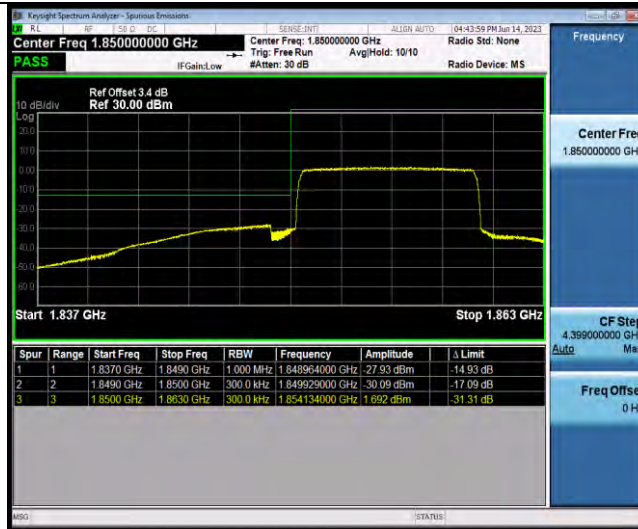


Band2-10MHz-16QAM-18650-50RB#0

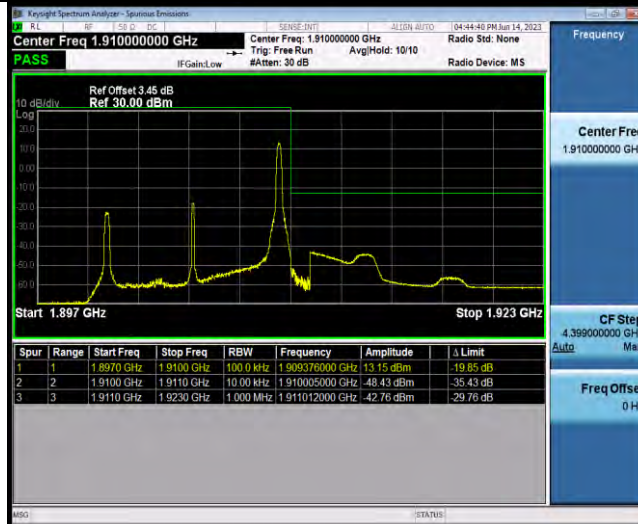


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Test Report No.: W7L-P23060003RF03



Band2-10MHz-16QAM-19150-1RB#49



Band2-10MHz-16QAM-19150-50RB#0

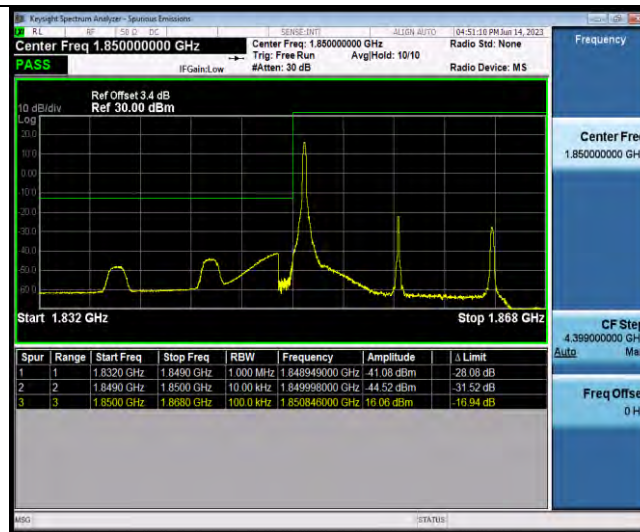


Band2-15MHz-QPSK-18675-1RB#0

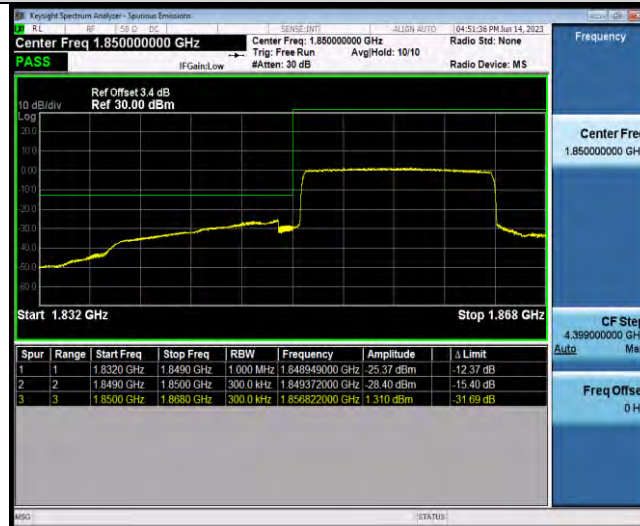


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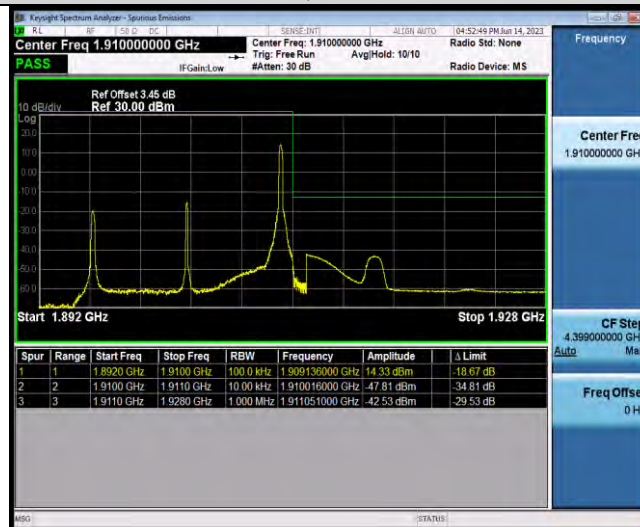
Test Report No.: W7L-P23060003RF03



Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-19125-1RB#74



Band2-15MHz-QPSK-19125-75RB#0

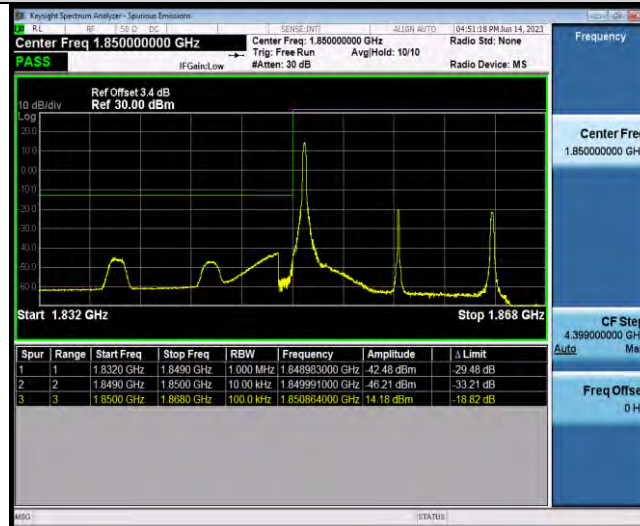


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Test Report No.: W7L-P23060003RF03



Band2-15MHz-16QAM-18675-1RB#0



Band2-15MHz-16QAM-18675-75RB#0

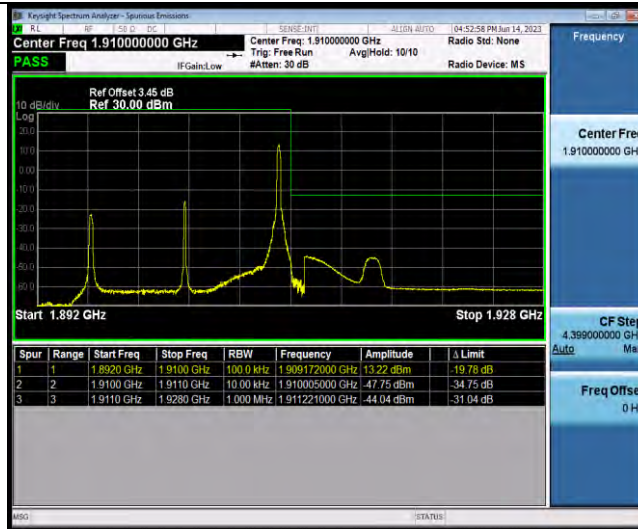


Band2-15MHz-16QAM-19125-1RB#74



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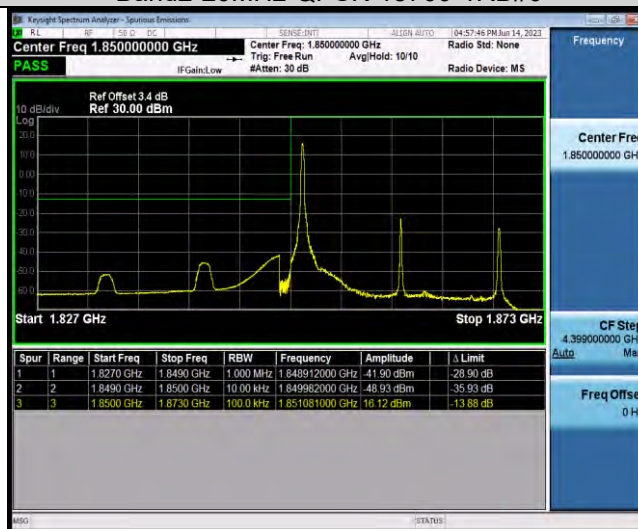
Test Report No.: W7L-P23060003RF03



Band2-15MHz-16QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-1RB#0

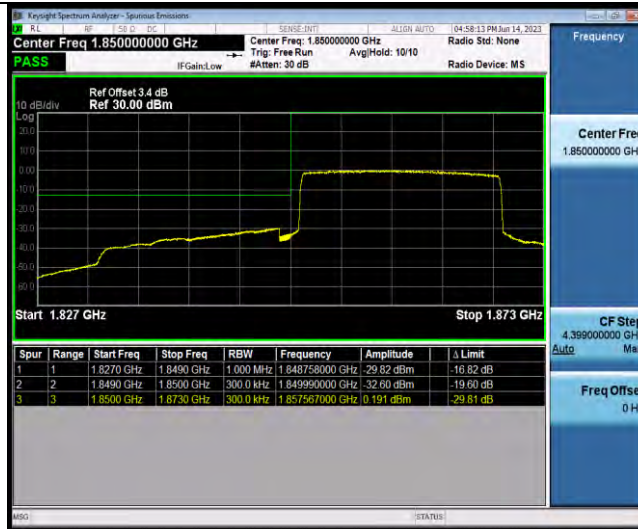


Band2-20MHz-QPSK-18700-100RB#0

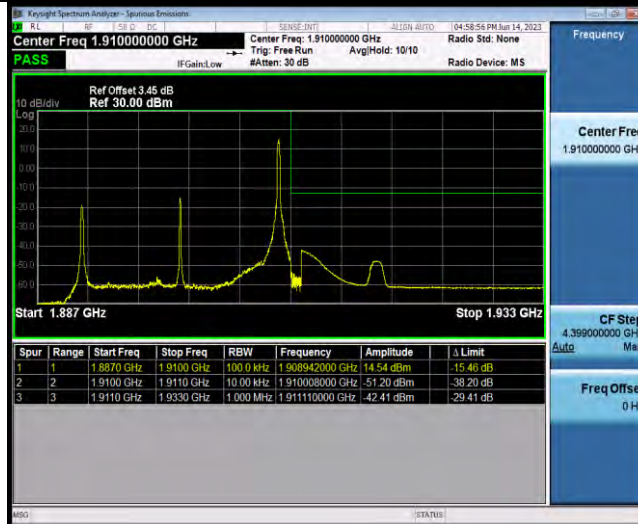


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Test Report No.: W7L-P23060003RF03



Band2-20MHz-QPSK-19100-1RB#99



Band2-20MHz-QPSK-19100-100RB#0

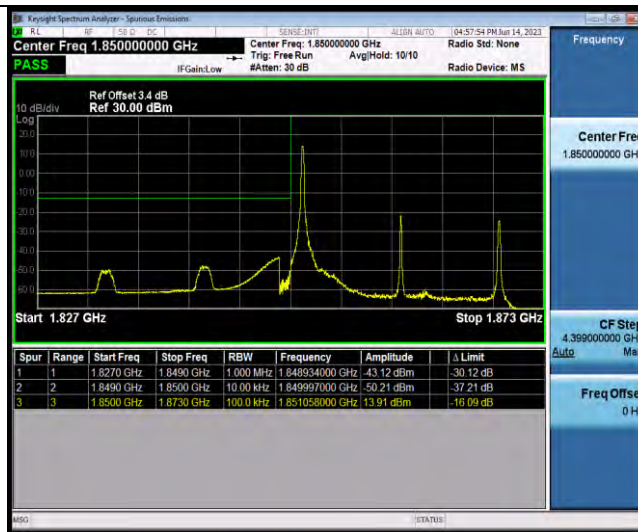


Band2-20MHz-16QAM-18700-1RB#0

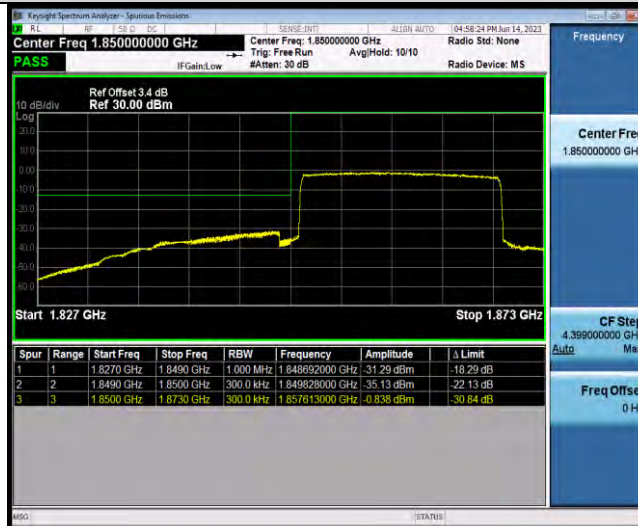


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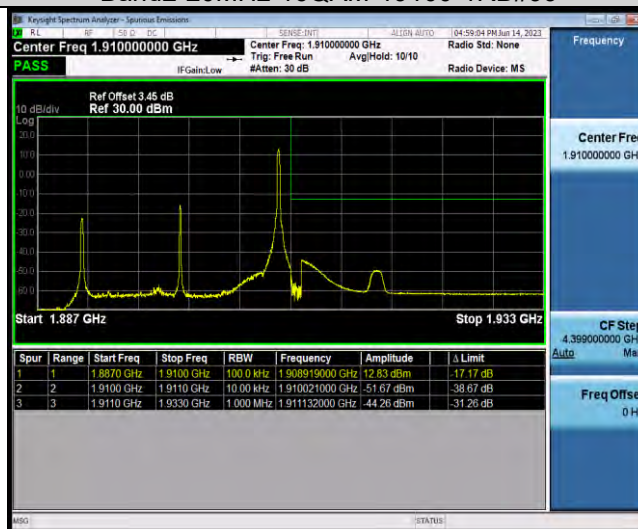
Test Report No.: W7L-P23060003RF03



Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-19100-1RB#99



Band2-20MHz-16QAM-19100-100RB#0



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Test Report No.: W7L-P23060003RF03



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-39.51	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-42.91	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-40.35	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-43.69	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-40.66	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-43.14	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range1:30~1000MHz	-41.28	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range2:1000~20000MHz	-43.31	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-41.16	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-43.06	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range1:30~1000MHz	-40.23	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range2:1000~20000MHz	-43.15	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range1:30~1000MHz	-41.06	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range2:1000~20000MHz	-41.57	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-40.95	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-42.42	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range1:30~1000MHz	-40.79	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range2:1000~20000MHz	-43.19	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range1:30~1000MHz	-40.78	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range2:1000~20000MHz	-42.93	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-40.76	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-43.13	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range1:30~1000MHz	-41.06	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range2:1000~20000MHz	-43.44	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range1:30~1000MHz	-40.25	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range2:1000~20000MHz	-40.5	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-40.39	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-43.15	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range1:30~1000MHz	-40.75	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range2:1000~20000MHz	-43.34	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-40.88	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~20000MHz	-43.36	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-40.14	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-43.68	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-40	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~20000MHz	-43.76	PASS

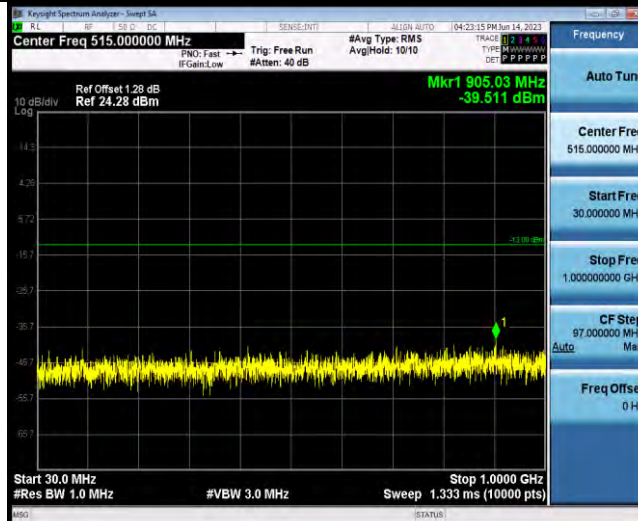


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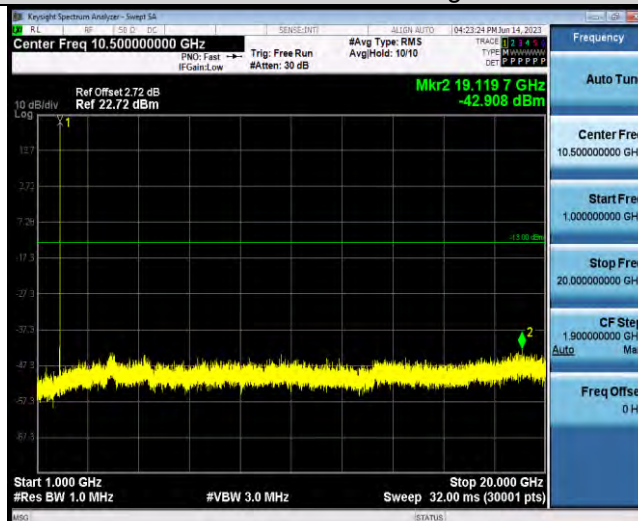
Test Report No.: W7L-P23060003RF03

Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0-Range1:30~1000MHz



Band2-1.4MHz-QPSK-18607-1RB#0-Range2:1000~20000MHz

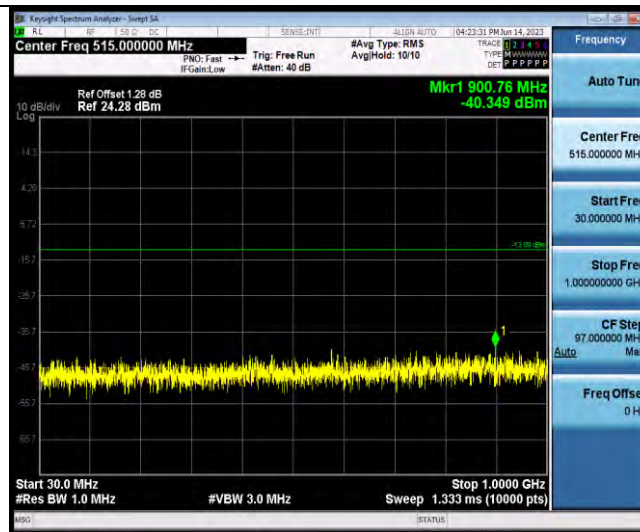


Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

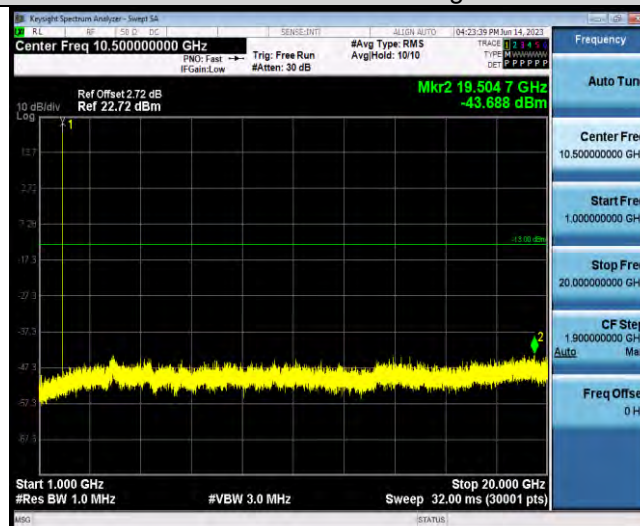


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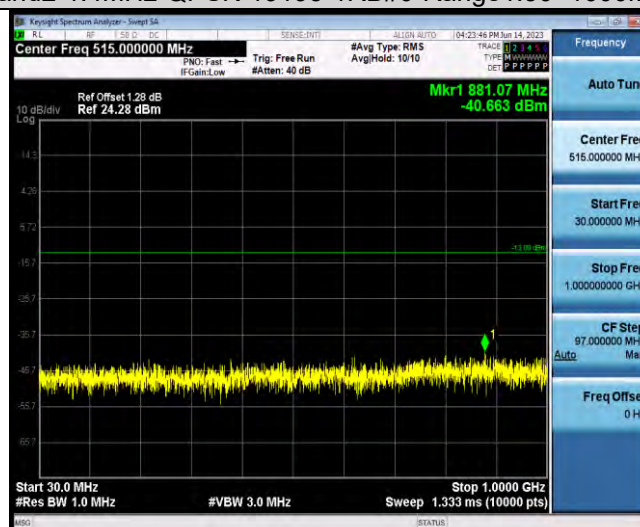
Test Report No.: W7L-P23060003RF03



Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~1000MHz

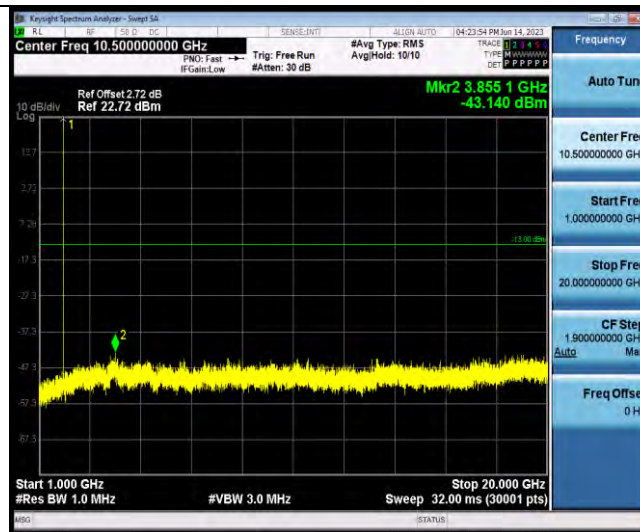


Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~20000MHz

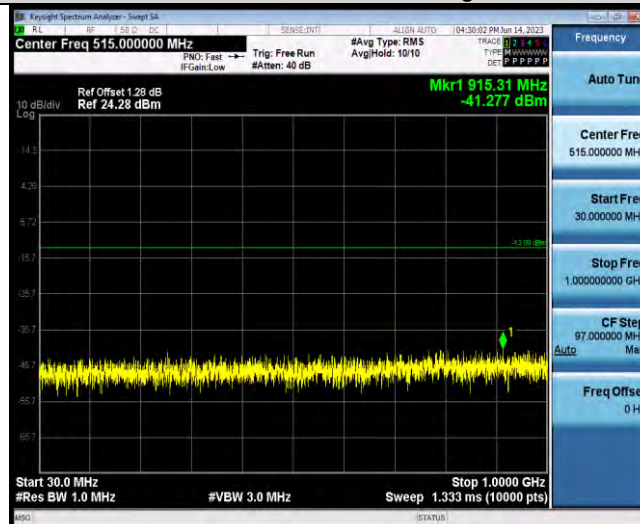


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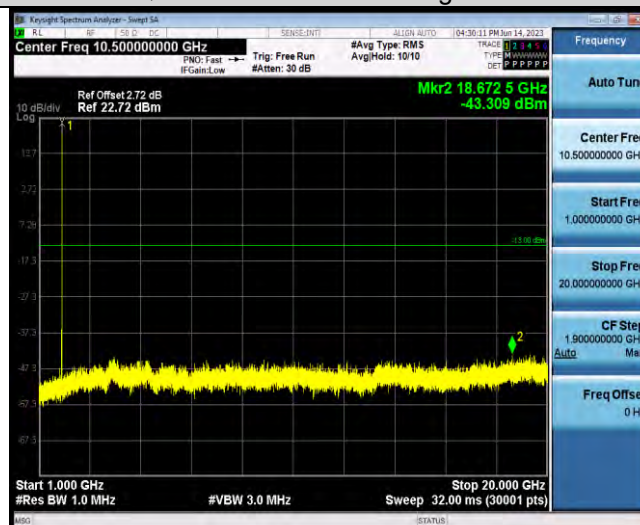
Test Report No.: W7L-P23060003RF03



Band2-3MHz-QPSK-18615-1RB#0-Range1:30~1000MHz



Band2-3MHz-QPSK-18615-1RB#0-Range2:1000~20000MHz

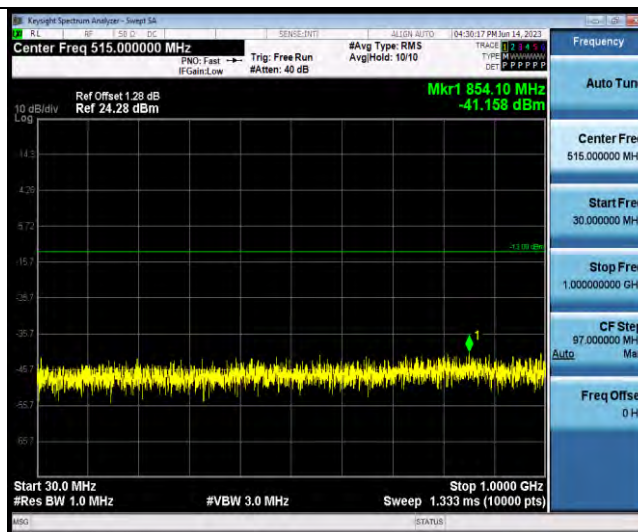


Band2-3MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

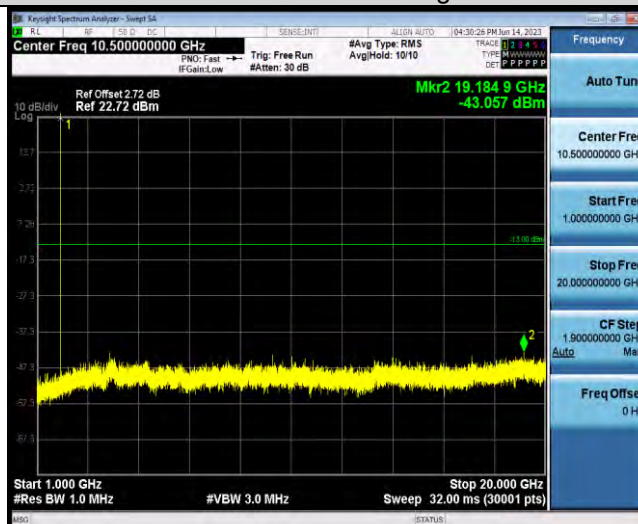


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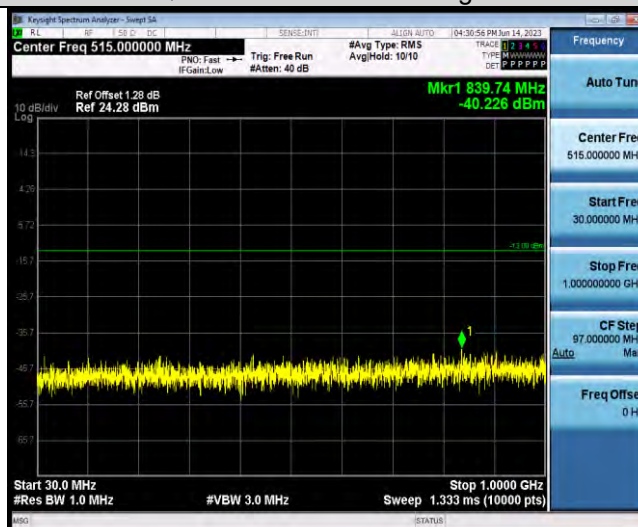
Test Report No.: W7L-P23060003RF03



Band2-3MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Band2-3MHz-QPSK-19185-1RB#0-Range1:30~1000MHz



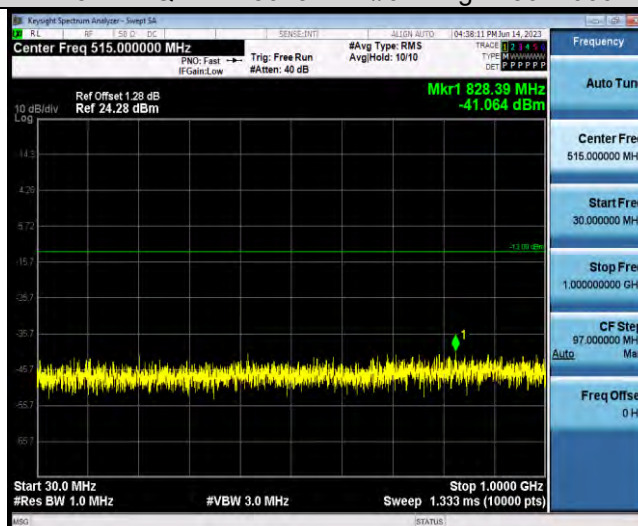
Band2-3MHz-QPSK-19185-1RB#0-Range2:1000~20000MHz



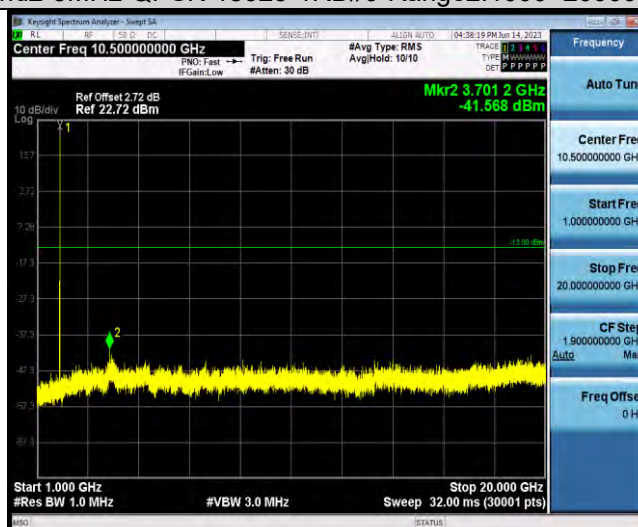
Test Report No.: W7L-P23060003RF03



Band2-5MHz-QPSK-18625-1RB#0-Range1:30~1000MHz



Band2-5MHz-QPSK-18625-1RB#0-Range2:1000~20000MHz

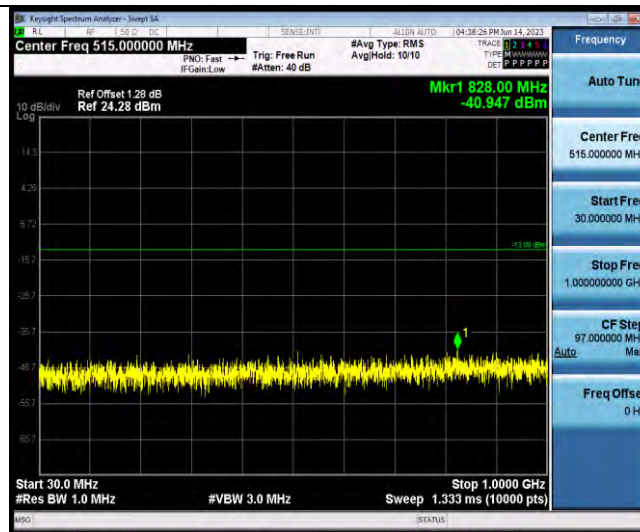


Band2-5MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

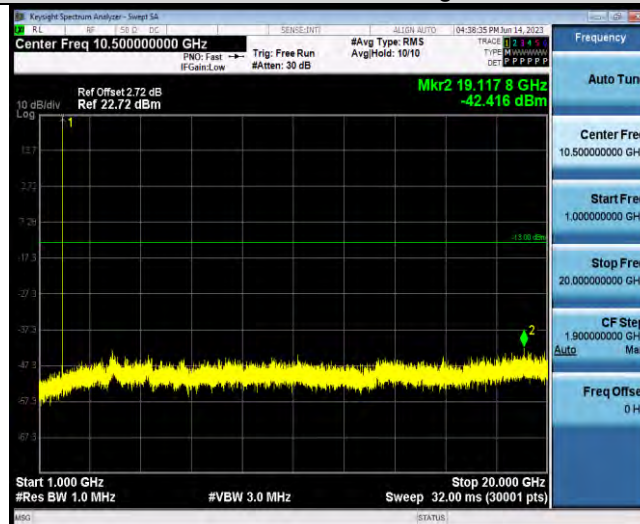


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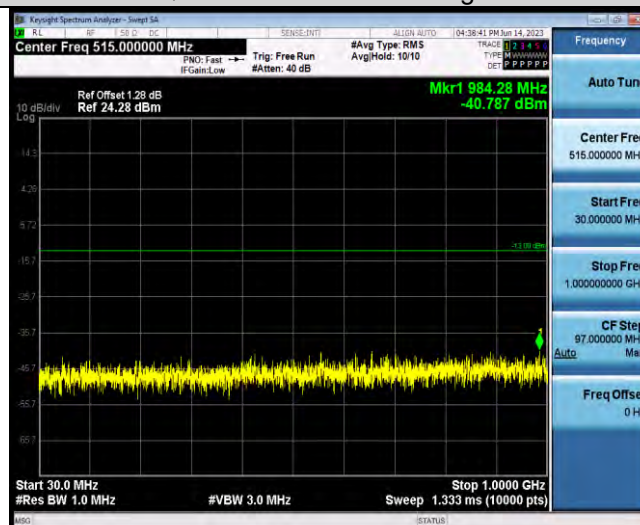
Test Report No.: W7L-P23060003RF03



Band2-5MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Band2-5MHz-QPSK-19175-1RB#0-Range1:30~1000MHz



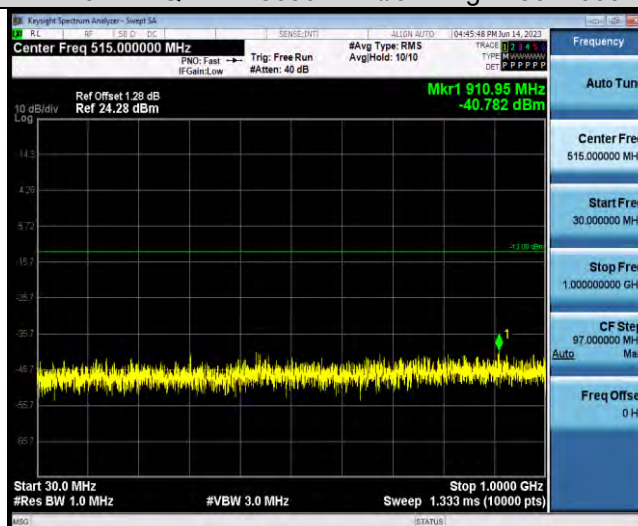
Band2-5MHz-QPSK-19175-1RB#0-Range2:1000~20000MHz



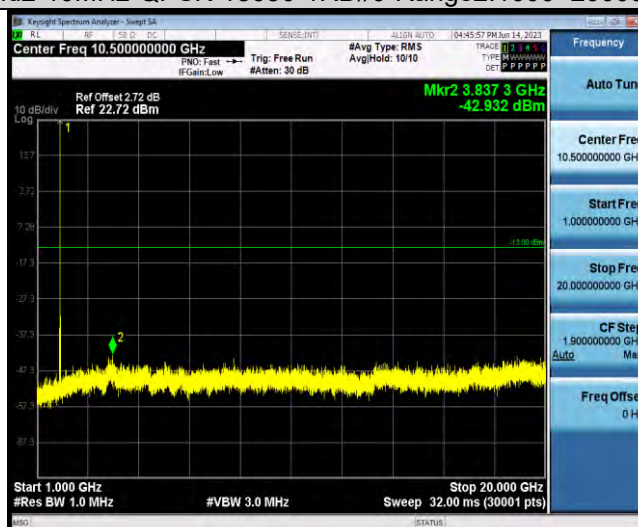
Test Report No.: W7L-P23060003RF03



Band2-10MHz-QPSK-18650-1RB#0-Range1:30~1000MHz



Band2-10MHz-QPSK-18650-1RB#0-Range2:1000~20000MHz

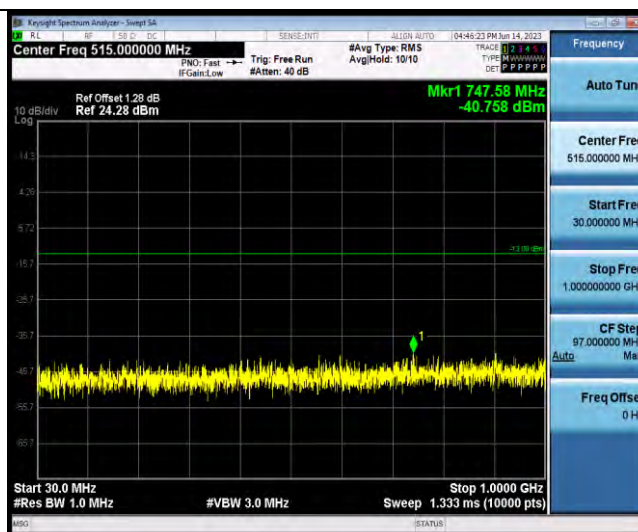


Band2-10MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

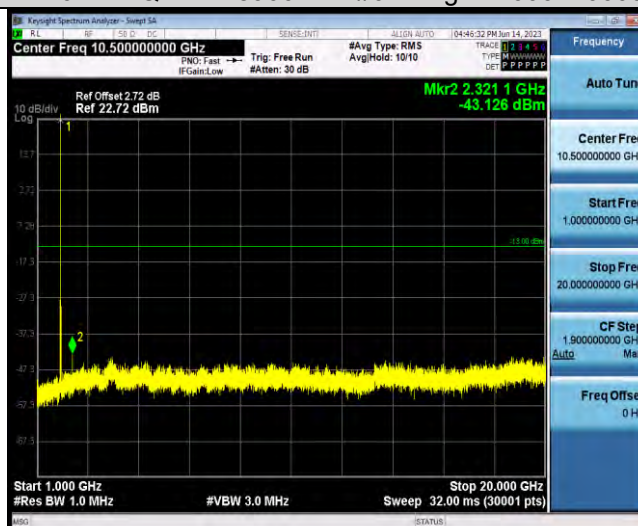


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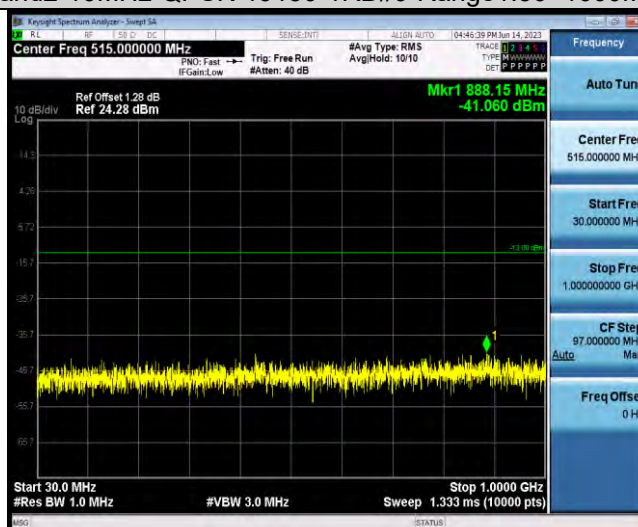
Test Report No.: W7L-P23060003RF03



Band2-10MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Band2-10MHz-QPSK-19150-1RB#0-Range1:30~1000MHz

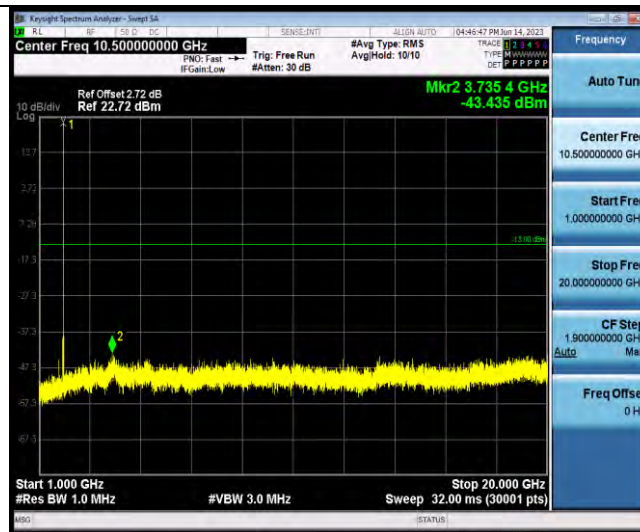


Band2-10MHz-QPSK-19150-1RB#0-Range2:1000~20000MHz



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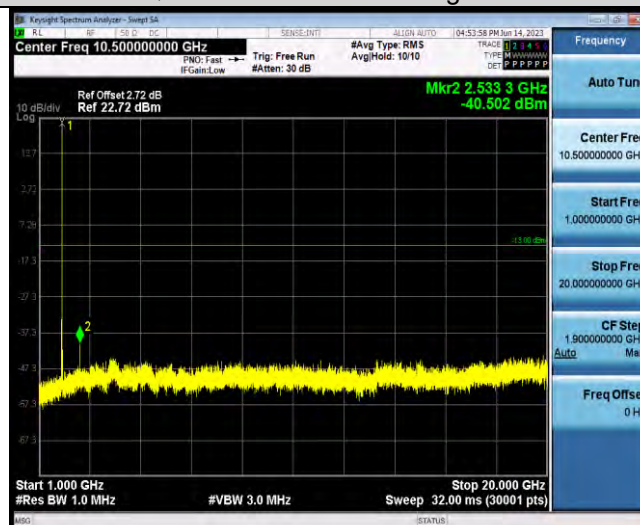
Test Report No.: W7L-P23060003RF03



Band2-15MHz-QPSK-18675-1RB#0-Range1:30~1000MHz



Band2-15MHz-QPSK-18675-1RB#0-Range2:1000~2000MHz

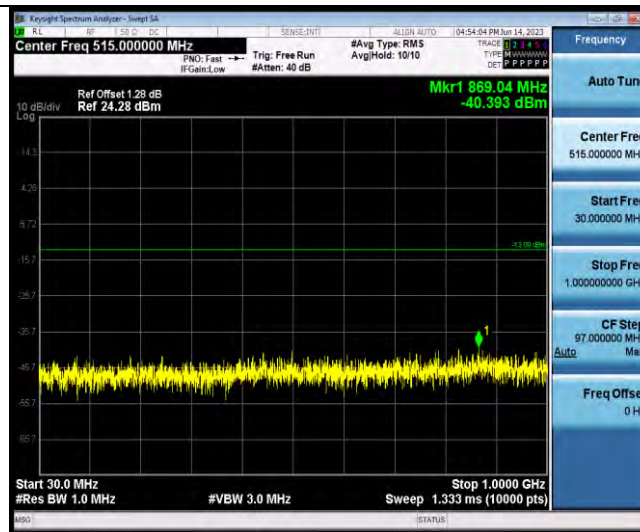


Band2-15MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

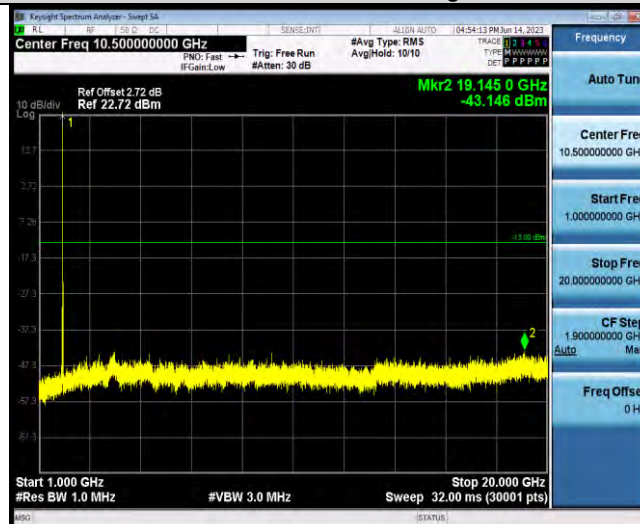


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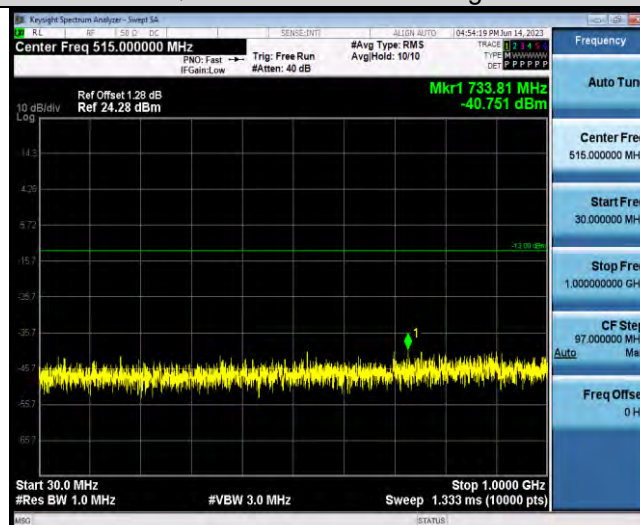
Test Report No.: W7L-P23060003RF03



Band2-15MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Band2-15MHz-QPSK-19125-1RB#0-Range1:30~1000MHz

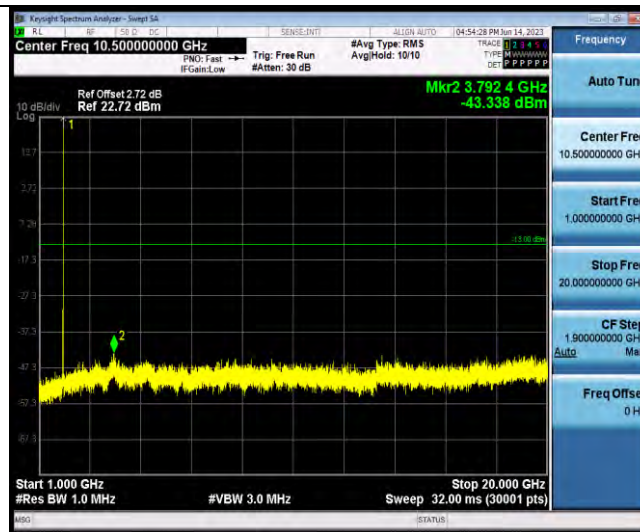


Band2-15MHz-QPSK-19125-1RB#0-Range2:1000~20000MHz

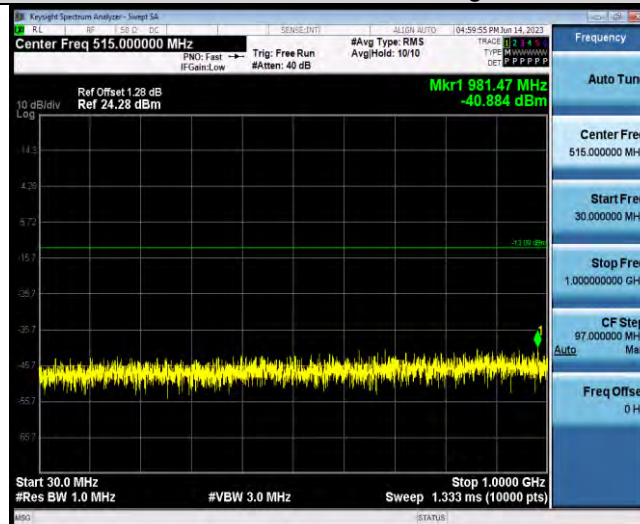


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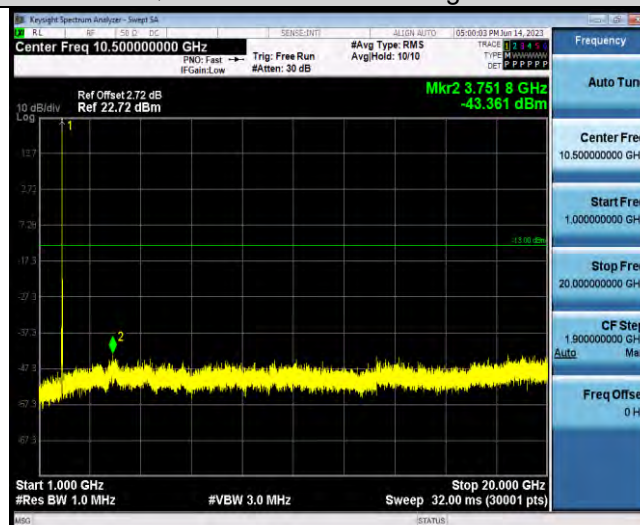
Test Report No.: W7L-P23060003RF03



Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz

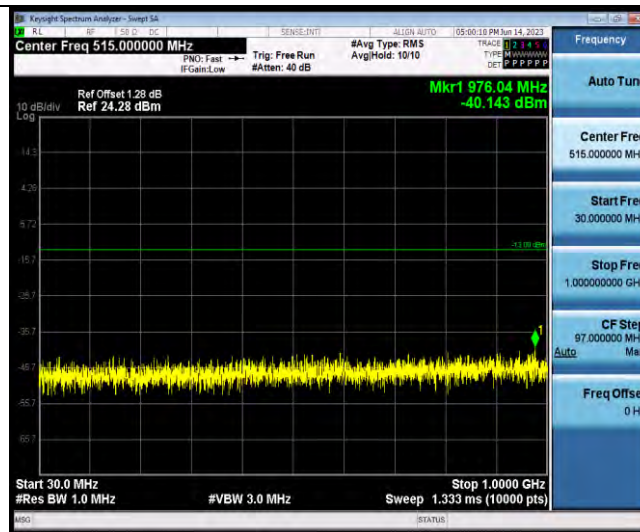


Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

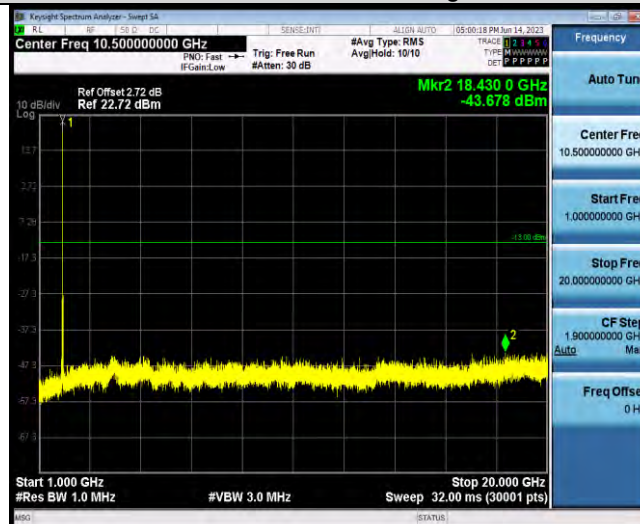


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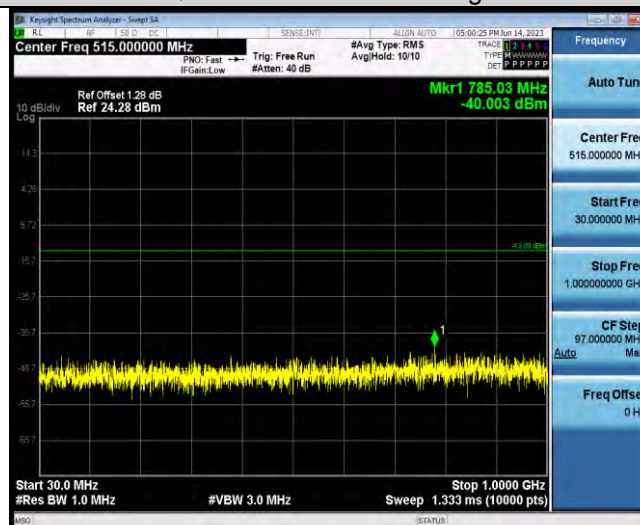
Test Report No.: W7L-P23060003RF03



Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz

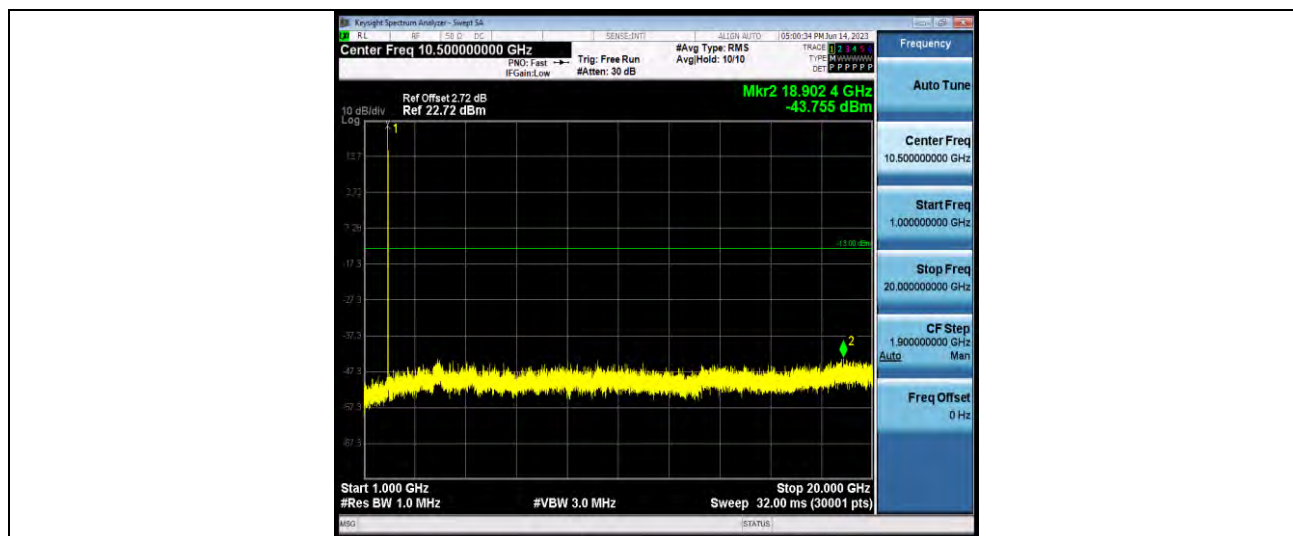


Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~20000MHz



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Test Report No.: W7L-P23060003RF03



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FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	LV	NT	-3.39	-0.001823	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	NT	5.89	0.003167	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	HV	NT	4.25	0.002285	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	LV	NT	-8.31	-0.004420	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	NT	-6.77	-0.003601	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	HV	NT	-6.41	-0.003410	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	LV	NT	-8.98	-0.004726	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	NT	-7.35	-0.003868	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	HV	NT	-5.56	-0.002926	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	3.15	0.001694	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	-4.43	-0.002382	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	4.85	0.002608	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	-3.83	-0.002059	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	6.12	0.003290	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	3.65	0.001962	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	4.45	0.002392	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	3.29	0.001769	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	4.05	0.002177	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-5.81	-0.003090	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-7.18	-0.003819	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-3.50	-0.001862	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-5.88	-0.003128	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-7.87	-0.004186	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-8.04	-0.004277	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-8.67	-0.004612	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-5.08	-0.002702	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-5.98	-0.003181	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-4.85	-0.002553	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-6.17	-0.003247	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-5.25	-0.002763	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-5.04	-0.002653	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-2.55	-0.001342	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-4.36	-0.002295	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-6.84	-0.003600	±2.5	PASS



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Band2	20MHz	QPSK	19100	100RB#0	NV	40	-4.22	-0.002221	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-5.14	-0.002705	±2.5	PASS

MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
$f_L - \text{MAX}(\Delta f) $	1851.061500	≥ 1850	PASS
$f_H + \text{MAX}(\Delta f) $	1908.926000	≤ 1910	

- Note : 1. $|\text{MAX}(\Delta f)|$ = Max Deviation
 2. f_L = Occ low channel f_L (-13dBm/MHz)
 3. f_H = Occ High channel f_H (-13dBm/MHz)
 4. $|\text{MAX}(\Delta f)|$ = -8.98Hz.

---END---