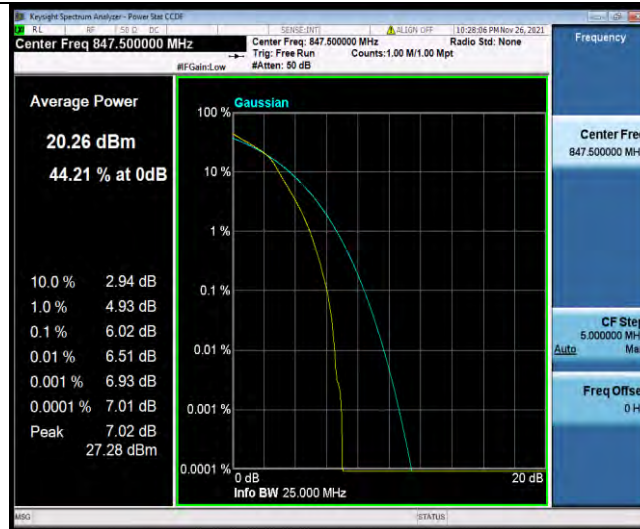


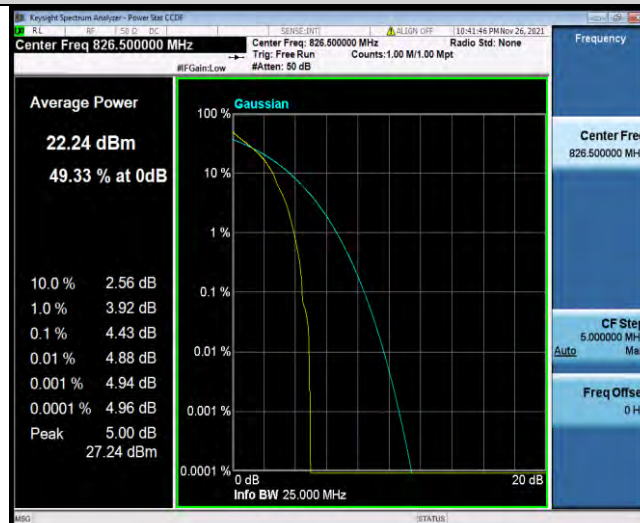


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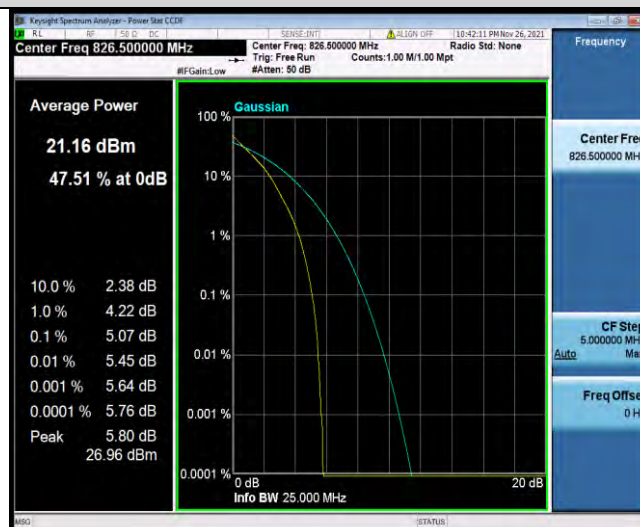
Test Report No.: W7L-P21110027RF01



Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-25RB#0

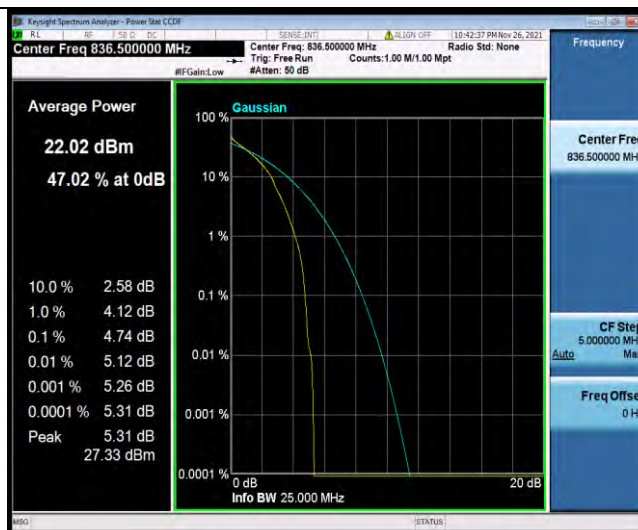


Band5-5MHz-QPSK-20525-1RB#0



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Test Report No.: W7L-P21110027RF01



Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-1RB#0



Band5-5MHz-QPSK-20625-25RB#0

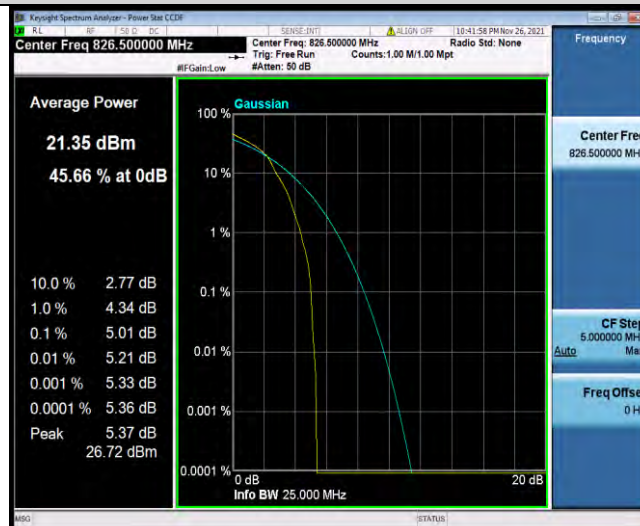


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Test Report No.: W7L-P21110027RF01



Band5-5MHz-16QAM-20425-1RB#0



Band5-5MHz-16QAM-20425-25RB#0

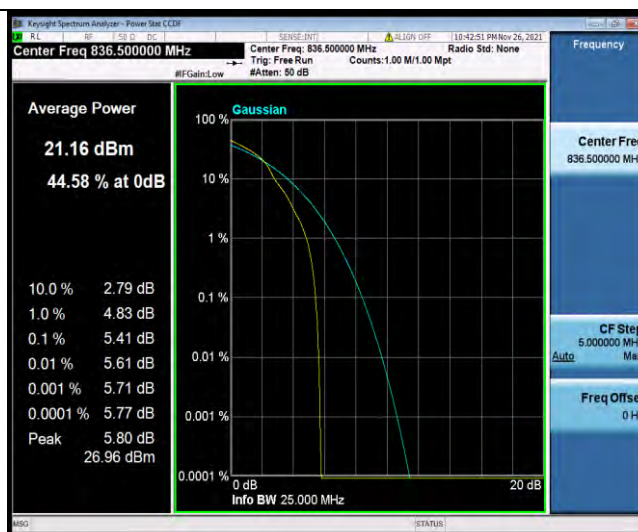


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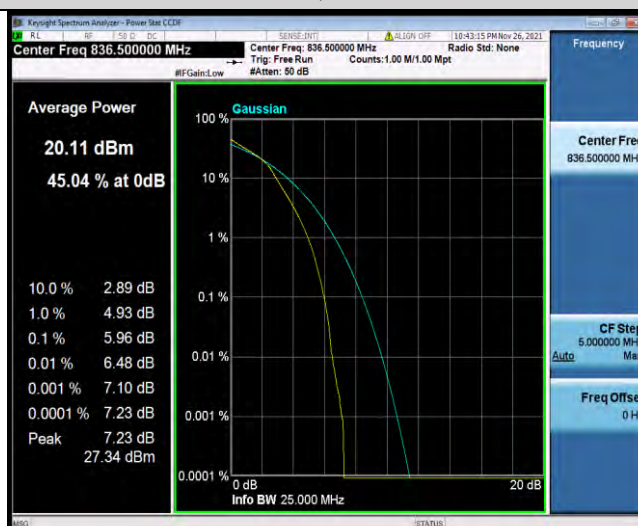


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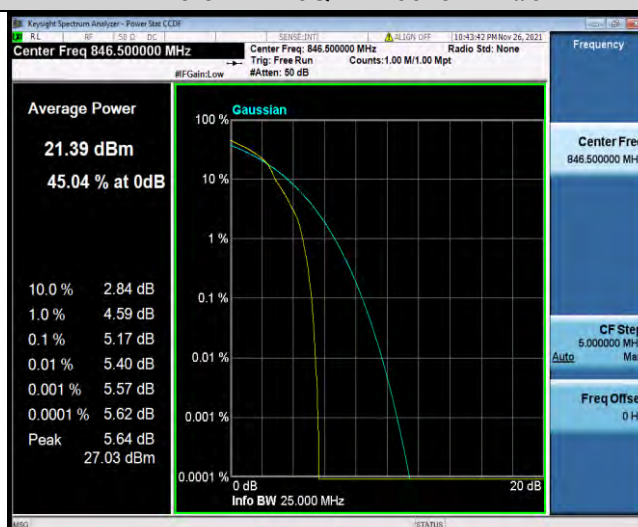
Test Report No.: W7L-P21110027RF01



Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-1RB#0



Band5-5MHz-16QAM-20625-25RB#0



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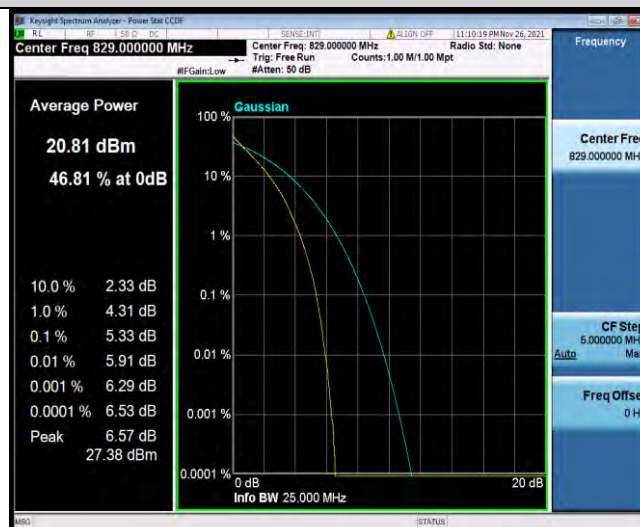
Test Report No.: W7L-P21110027RF01



Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-50RB#0

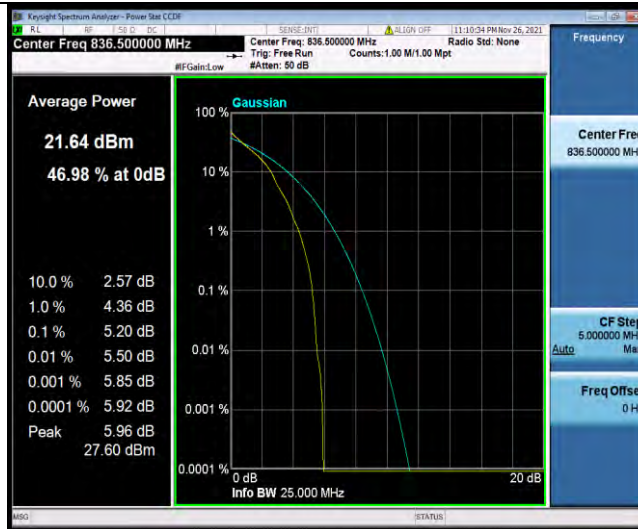


Band5-10MHz-QPSK-20525-1RB#0



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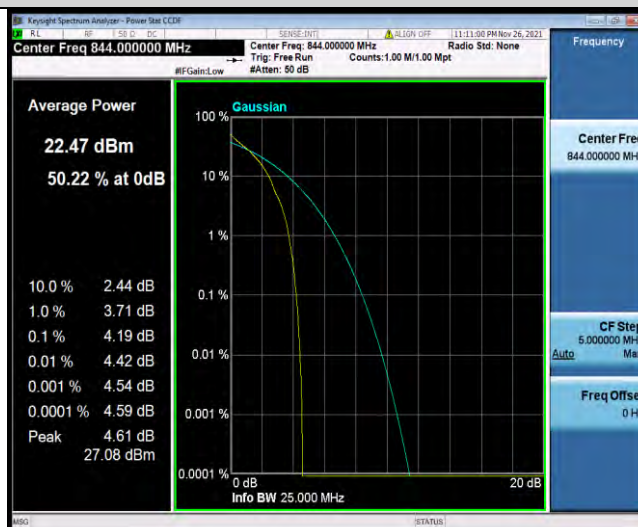
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Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-1RB#0



Band5-10MHz-QPSK-20600-50RB#0



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Test Report No.: W7L-P21110027RF01



Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-27RB#0

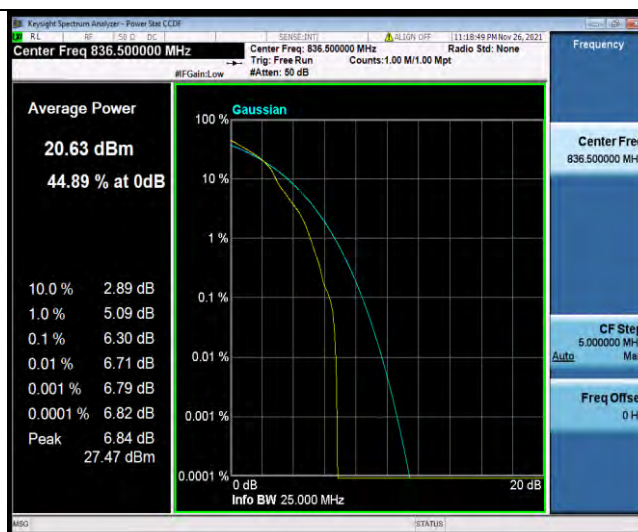


Band5-10MHz-16QAM-20525-1RB#0



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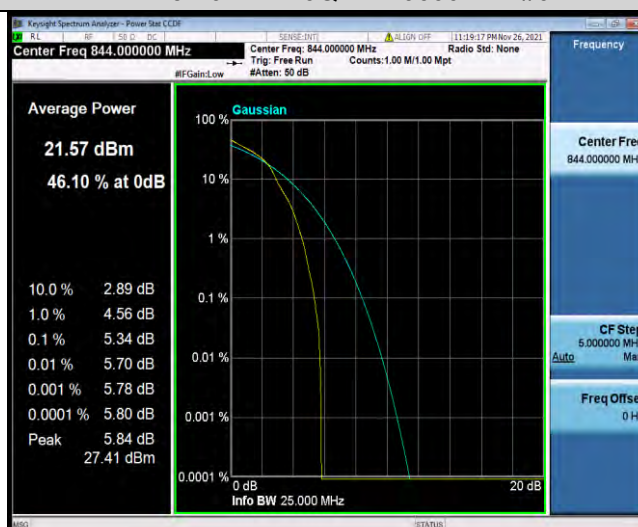
Test Report No.: W7L-P21110027RF01



Band5-10MHz-16QAM-20525-27RB#0



Band5-10MHz-16QAM-20600-1RB#0

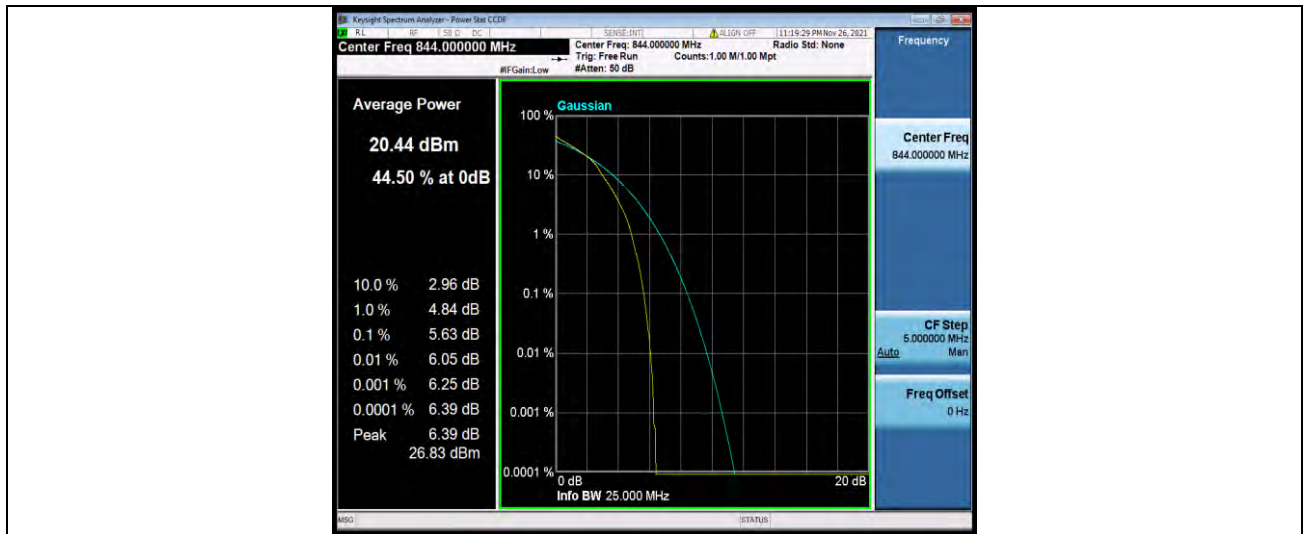


Band5-10MHz-16QAM-20600-27RB#0



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Test Report No.: W7L-P21110027RF01

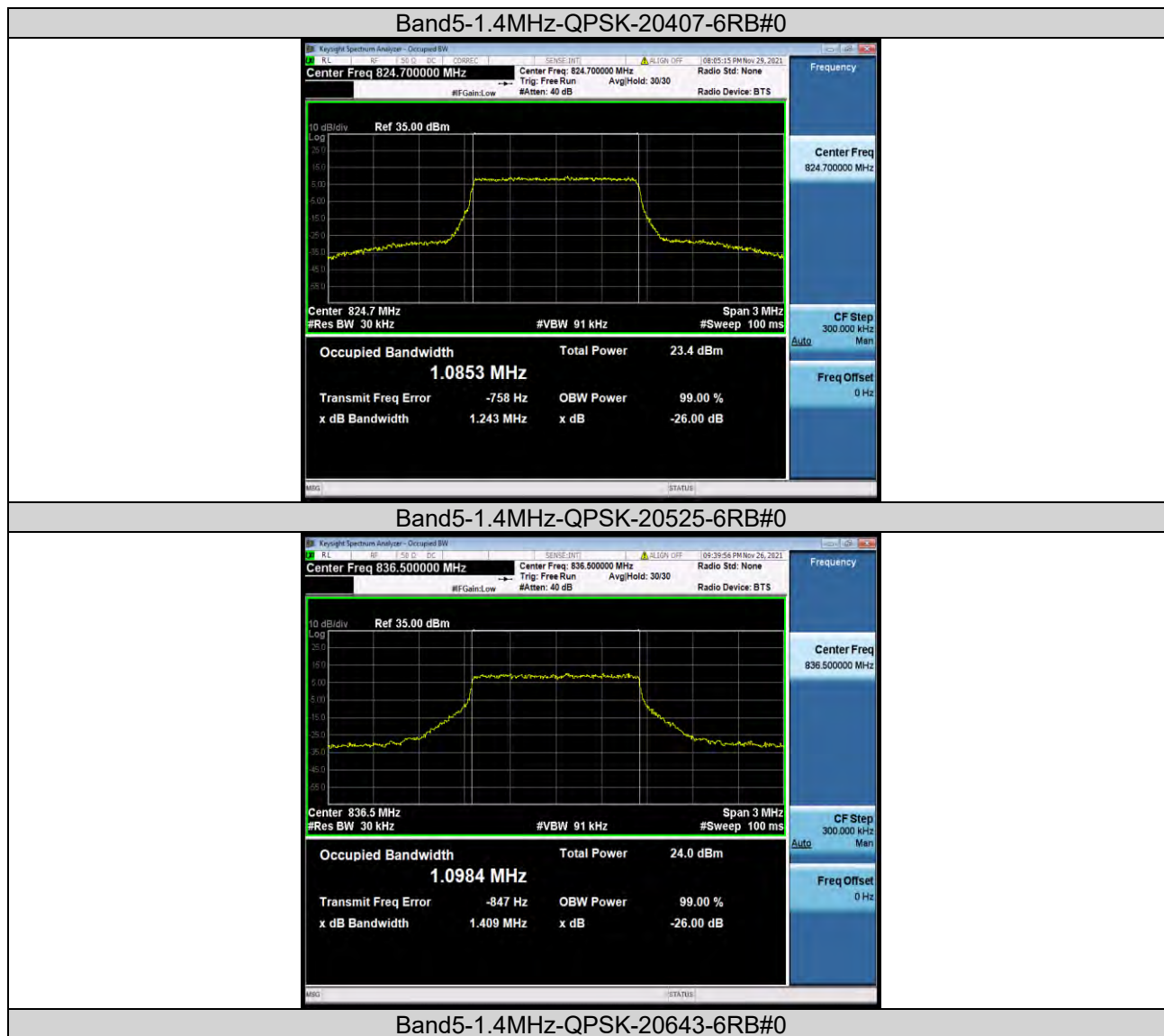


26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0853	1.243	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0984	1.409	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0979	1.446	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1020	1.466	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1003	1.472	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0976	1.445	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6933	2.954	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7001	3.002	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6974	3.028	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6940	2.973	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6960	3.031	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6982	2.983	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5053	5.026	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4975	5.008	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5088	4.976	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5073	4.988	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4996	5.009	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5098	4.987	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9714	9.593	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9638	9.589	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9639	9.561	PASS
Band5	10MHz	16QAM	20450	27RB#0	4.9350	5.462	PASS
Band5	10MHz	16QAM	20525	27RB#0	4.9167	5.480	PASS
Band5	10MHz	16QAM	20600	27RB#0	4.9392	5.482	PASS

Test Graphs





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Test Report No.: W7L-P21110027RF01



Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20525-6RB#0



Band5-1.4MHz-16QAM-20643-6RB#0



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Test Report No.: W7L-P21110027RF01



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0

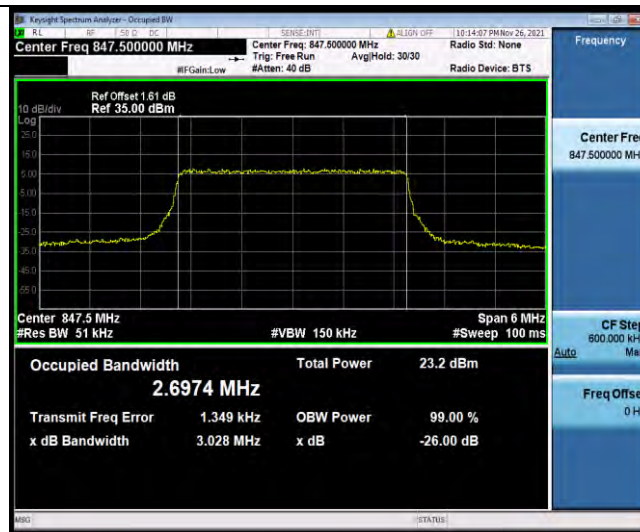


Band5-3MHz-QPSK-20635-15RB#0



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Test Report No.: W7L-P21110027RF01



Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20525-15RB#0



Band5-3MHz-16QAM-20635-15RB#0



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Test Report No.: W7L-P21110027RF01



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-25RB#0



BUREAU
VERITAS

Test Report No.: W7L-P21110027RF01



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-25RB#0



BUREAU
VERITAS

Test Report No.: W7L-P21110027RF01



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-50RB#0



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VERITAS

Test Report No.: W7L-P21110027RF01



Band5-10MHz-16QAM-20450-27RB#0



Band5-10MHz-16QAM-20525-27RB#0



Band5-10MHz-16QAM-20600-27RB#0



BUREAU
VERITAS

Test Report No.: W7L-P21110027RF01

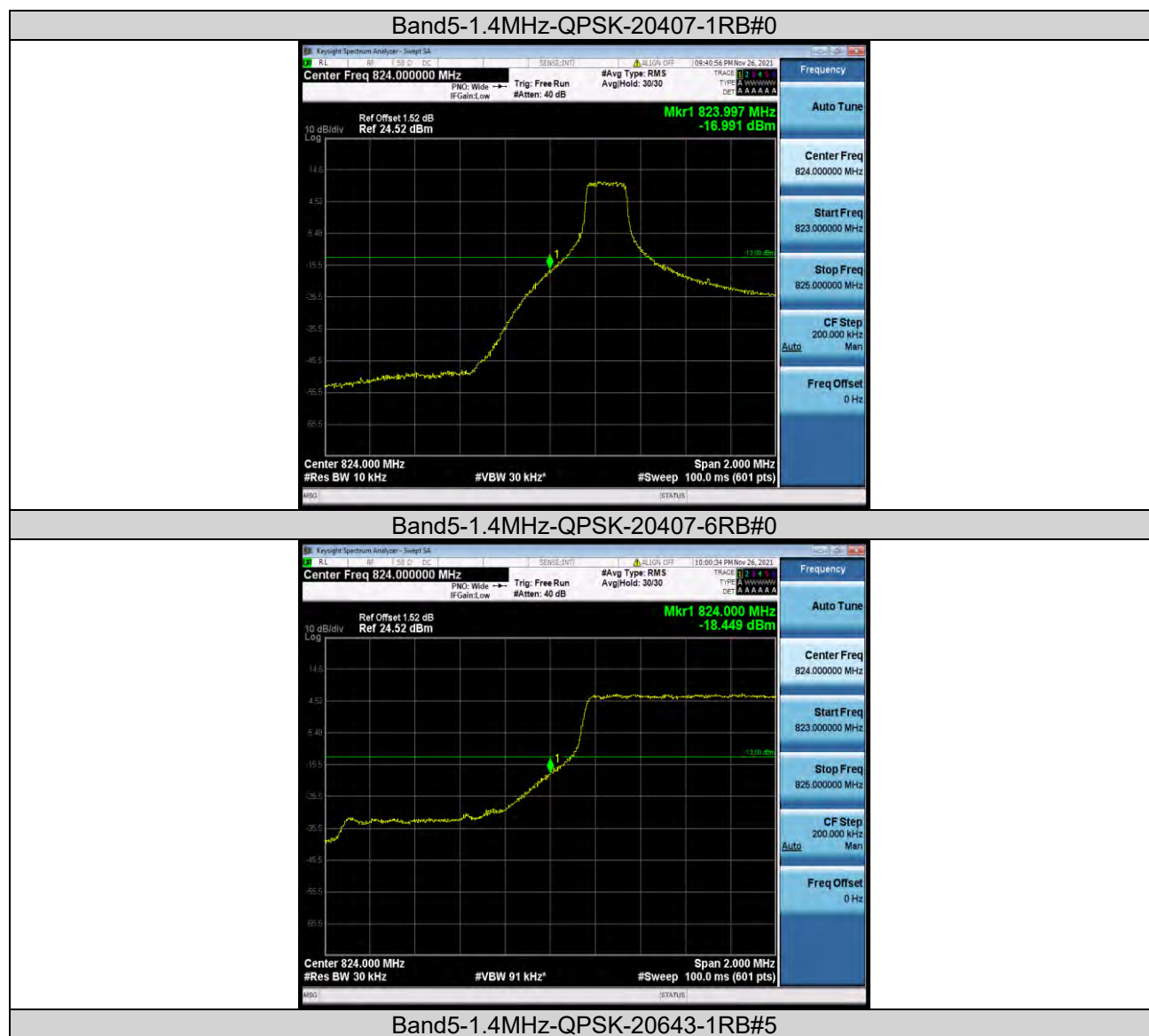


BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	SeeGarphs	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	SeeGarphs	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	SeeGarphs	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	SeeGarphs	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	SeeGarphs	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	SeeGarphs	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	SeeGarphs	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	SeeGarphs	PASS
Band5	3MHz	QPSK	20415	1RB#0	SeeGarphs	PASS
Band5	3MHz	QPSK	20415	15RB#0	SeeGarphs	PASS
Band5	3MHz	QPSK	20635	1RB#14	SeeGarphs	PASS
Band5	3MHz	QPSK	20635	15RB#0	SeeGarphs	PASS
Band5	3MHz	16QAM	20415	1RB#0	SeeGarphs	PASS
Band5	3MHz	16QAM	20415	15RB#0	SeeGarphs	PASS
Band5	3MHz	16QAM	20635	1RB#14	SeeGarphs	PASS
Band5	3MHz	16QAM	20635	15RB#0	SeeGarphs	PASS
Band5	5MHz	QPSK	20425	1RB#0	SeeGarphs	PASS
Band5	5MHz	QPSK	20425	25RB#0	SeeGarphs	PASS
Band5	5MHz	QPSK	20625	1RB#24	SeeGarphs	PASS
Band5	5MHz	QPSK	20625	25RB#0	SeeGarphs	PASS
Band5	5MHz	16QAM	20425	1RB#0	SeeGarphs	PASS
Band5	5MHz	16QAM	20425	25RB#0	SeeGarphs	PASS
Band5	5MHz	16QAM	20625	1RB#24	SeeGarphs	PASS
Band5	5MHz	16QAM	20625	25RB#0	SeeGarphs	PASS
Band5	10MHz	QPSK	20450	1RB#0	SeeGarphs	PASS
Band5	10MHz	QPSK	20450	50RB#0	SeeGarphs	PASS
Band5	10MHz	QPSK	20600	1RB#49	SeeGarphs	PASS
Band5	10MHz	QPSK	20600	50RB#0	SeeGarphs	PASS
Band5	10MHz	16QAM	20450	1RB#0	SeeGarphs	PASS
Band5	10MHz	16QAM	20450	27RB#0	SeeGarphs	PASS
Band5	10MHz	16QAM	20600	1RB#26	SeeGarphs	PASS
Band5	10MHz	16QAM	20600	27RB#0	SeeGarphs	PASS

Test Graphs





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Test Report No.: W7L-P21110027RF01



Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-1RB#0



Band5-1.4MHz-16QAM-20407-6RB#0



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Test Report No.: W7L-P21110027RF01



Band5-1.4MHz-16QAM-20643-1RB#5



Band5-1.4MHz-16QAM-20643-6RB#0

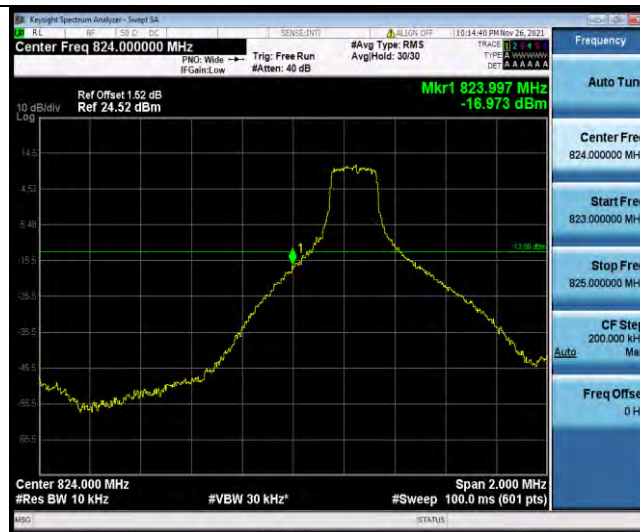


Band5-3MHz-QPSK-20415-1RB#0



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Test Report No.: W7L-P21110027RF01



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20635-1RB#14



Band5-3MHz-QPSK-20635-15RB#0



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VERITAS

Test Report No.: W7L-P21110027RF01



Band5-3MHz-16QAM-20415-1RB#0



Band5-3MHz-16QAM-20415-15RB#0

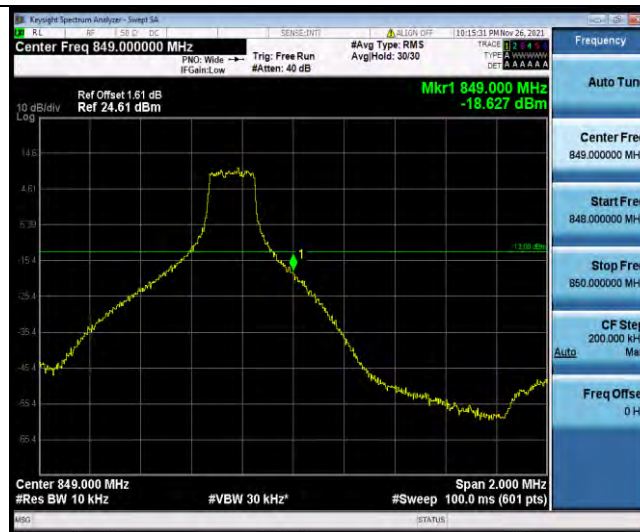


Band5-3MHz-16QAM-20635-1RB#14



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Test Report No.: W7L-P21110027RF01



Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-25RB#0



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Test Report No.: W7L-P21110027RF01



Band5-5MHz-QPSK-20625-1RB#24



Band5-5MHz-QPSK-20625-25RB#0

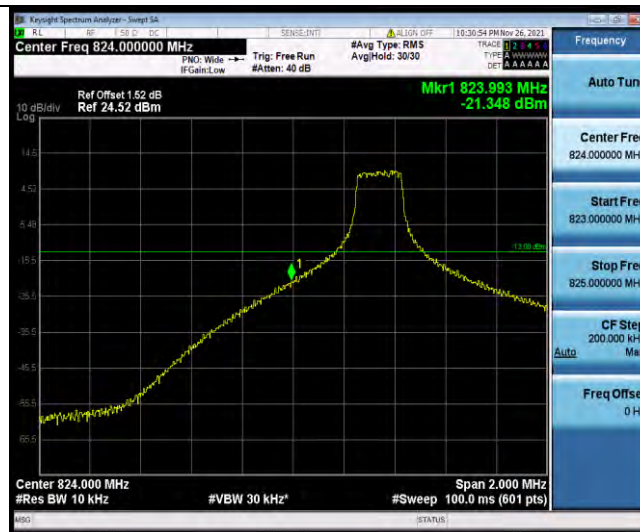


Band5-5MHz-16QAM-20425-1RB#0



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Test Report No.: W7L-P21110027RF01



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-1RB#24



Band5-5MHz-16QAM-20625-25RB#0



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Test Report No.: W7L-P21110027RF01



Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-1RB#49



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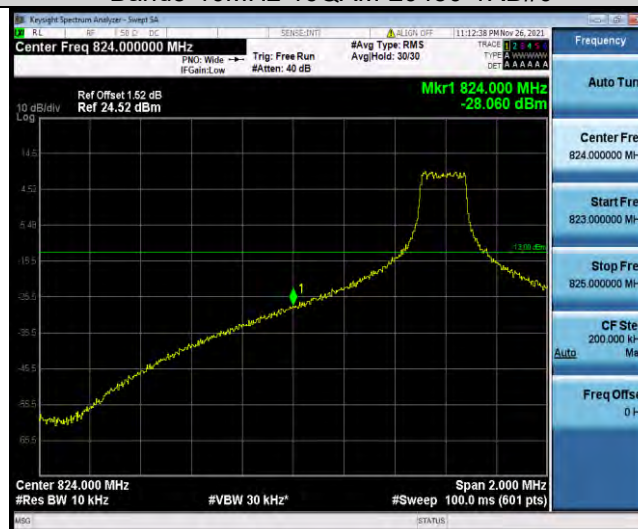
Test Report No.: W7L-P21110027RF01



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-27RB#0



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Test Report No.: W7L-P21110027RF01



Band5-10MHz-16QAM-20600-1RB#26



Band5-10MHz-16QAM-20600-27RB#0



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-60.4	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-38.03	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-60.04	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-35.49	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-59.02	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-32.24	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-60.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-34.15	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-60.06	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-35.59	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-60.51	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-39.85	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-60.86	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-36.37	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-60.78	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-33.51	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-60.21	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-33.85	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-60.97	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-41.73	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-60.67	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-33.89	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-60.6	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-38.91	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-58.91	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-36.09	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-60.54	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-31.06	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-60.36	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-34.17	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-61.17	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-33.77	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-60.4	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-37.75	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-60.2	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-33.53	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-60.15	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-37.04	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-59.81	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-37.1	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-60.28	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-36.24	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-60.63	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-39.05	PASS

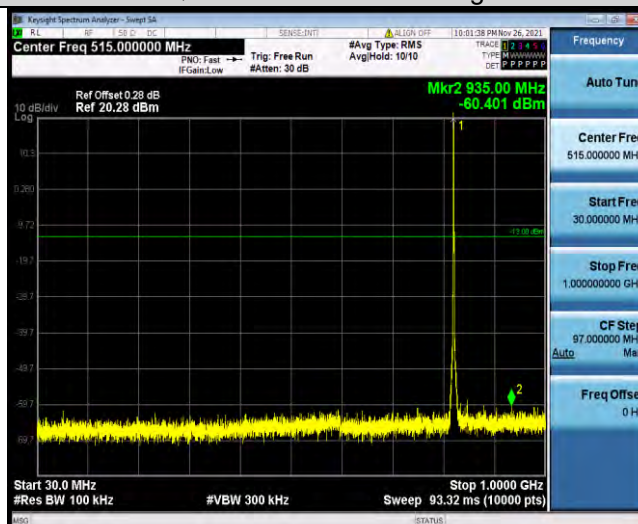


Test Report No.: W7L-P21110027RF01

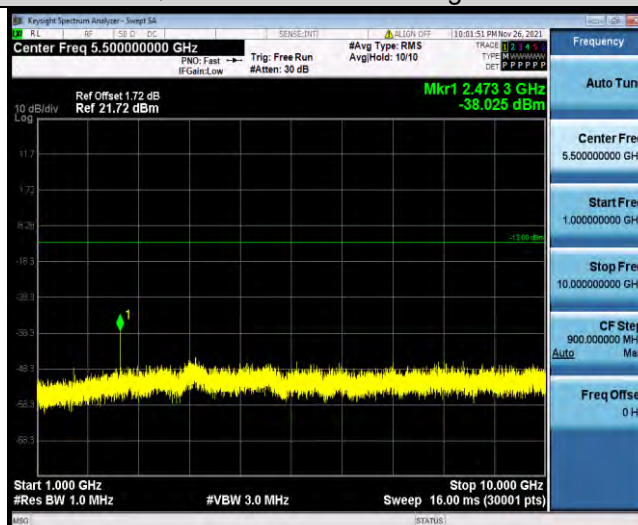
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-60.7	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-38.29	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-60.49	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-35.25	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz

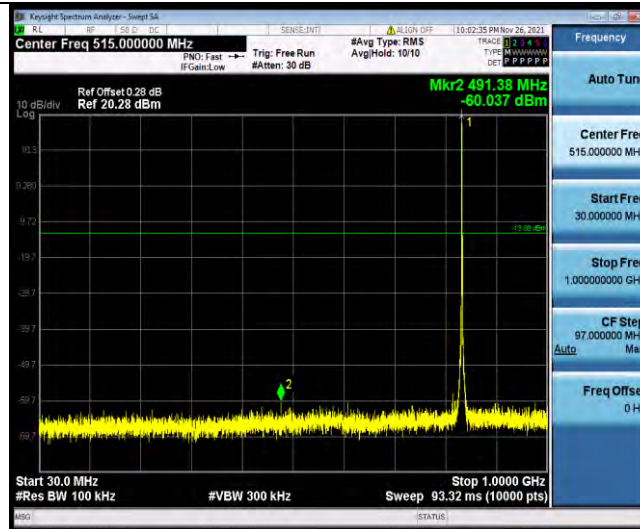


Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz

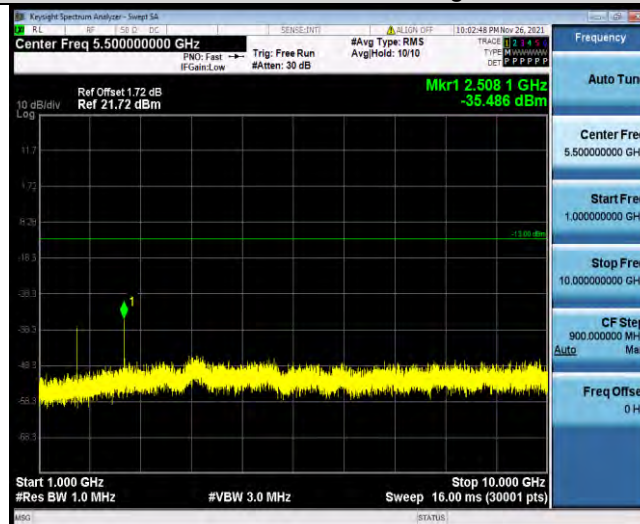


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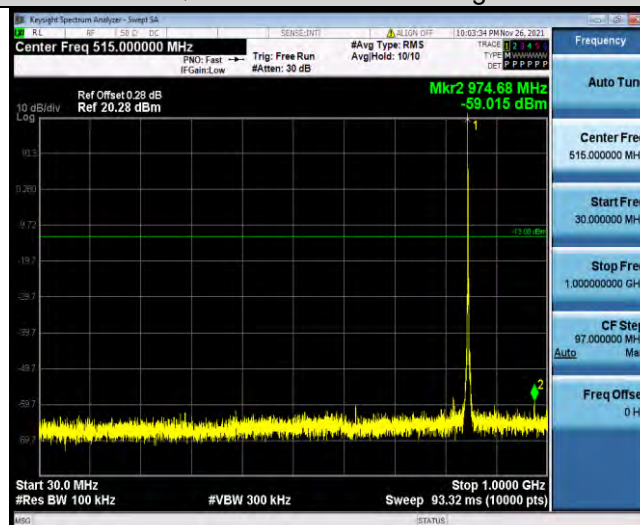
Test Report No.: W7L-P21110027RF01



Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz

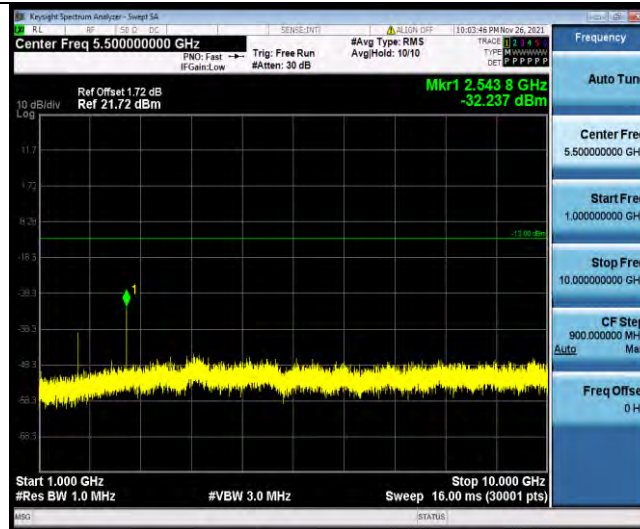


Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz

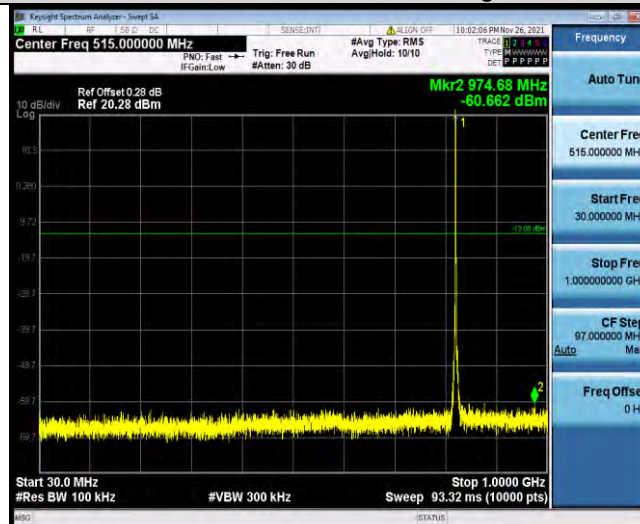


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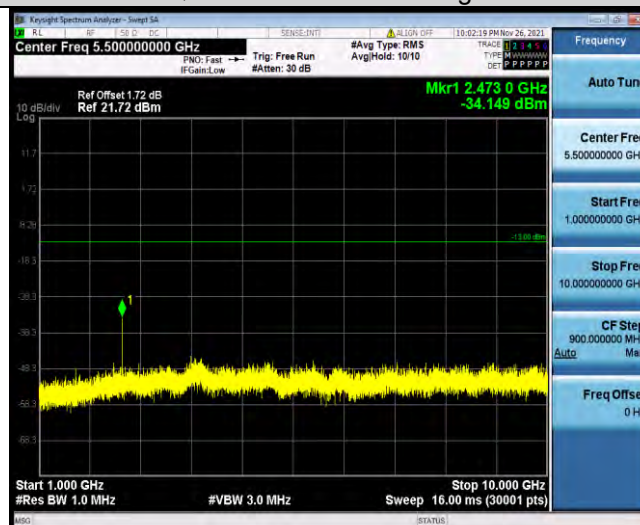
Test Report No.: W7L-P21110027RF01



Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz

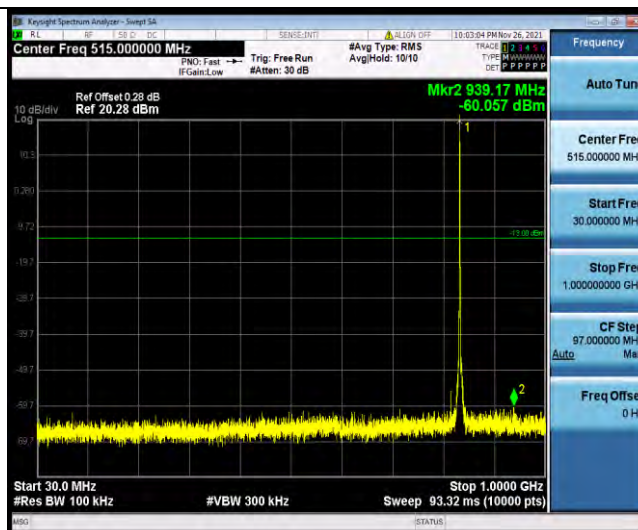


Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz

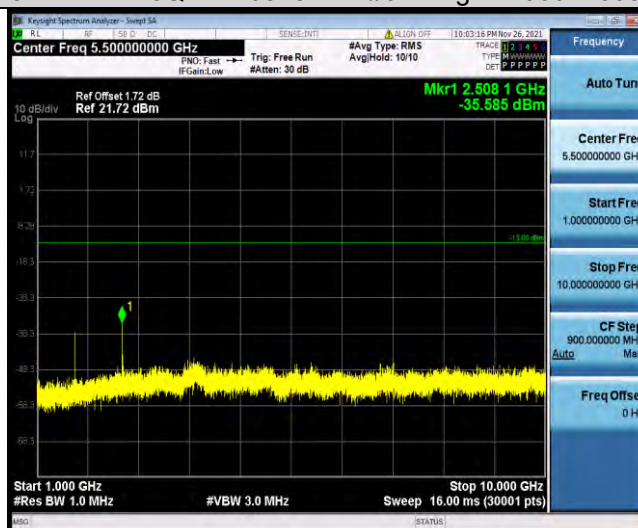


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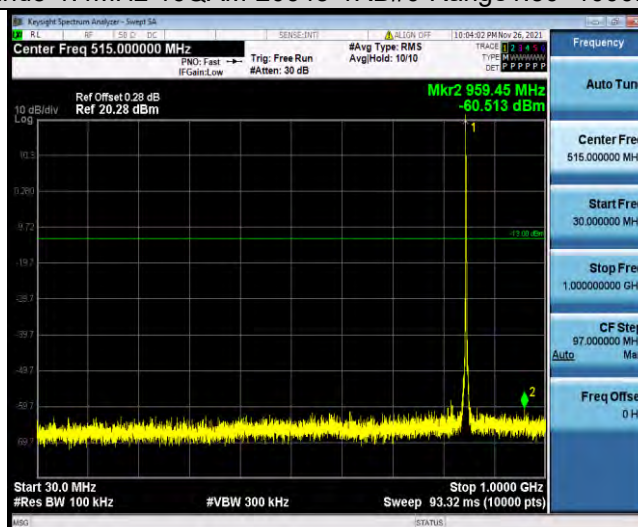
Test Report No.: W7L-P21110027RF01



Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz

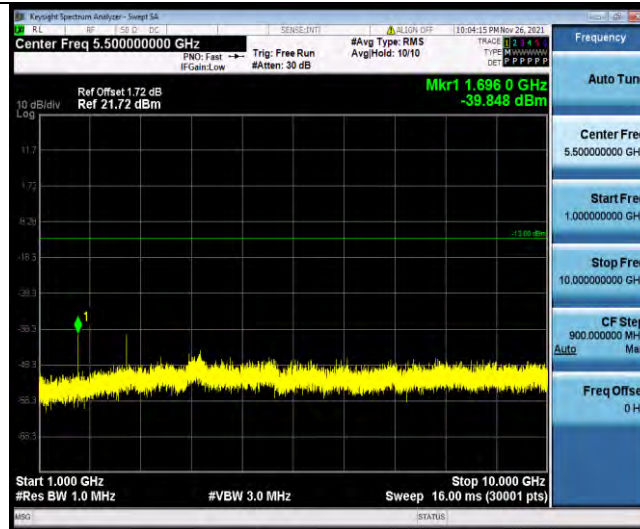


Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz

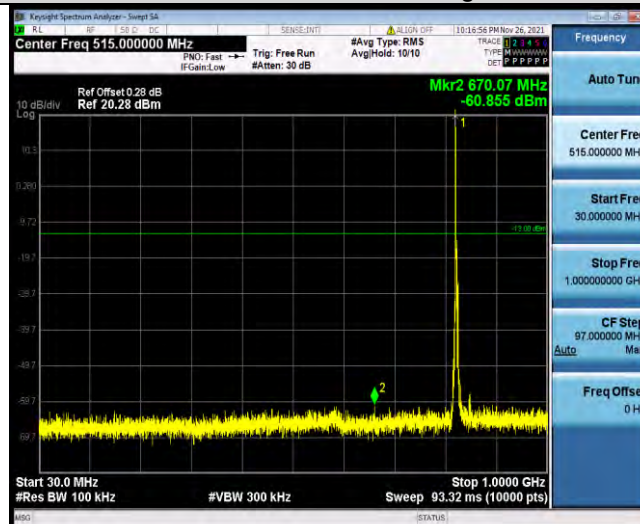


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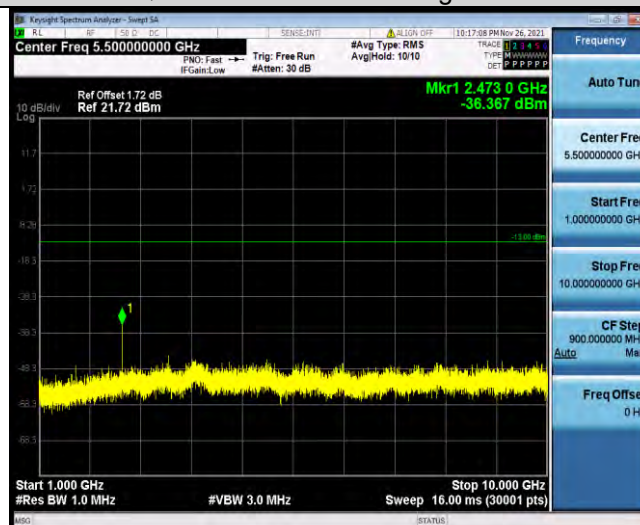
Test Report No.: W7L-P21110027RF01



Band5-3MHz-QPSK-20415-1RB#0-Range1:30~1000MHz



Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz

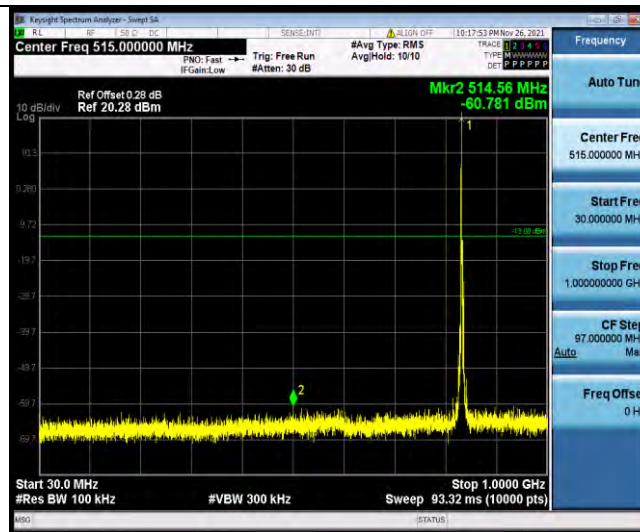


Band5-3MHz-QPSK-20525-1RB#0-Range1:30~1000MHz

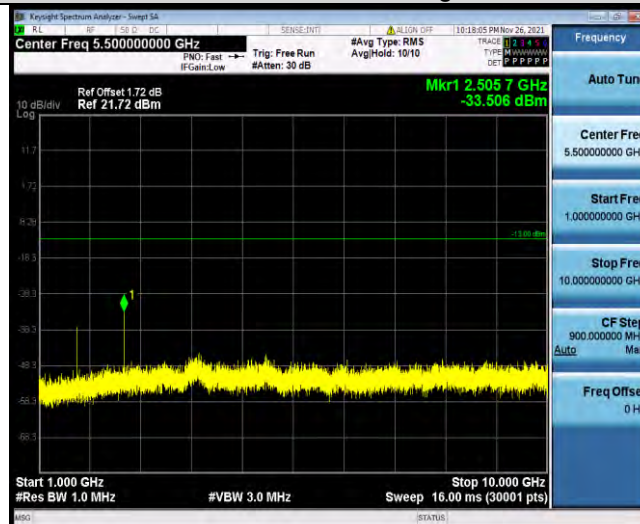


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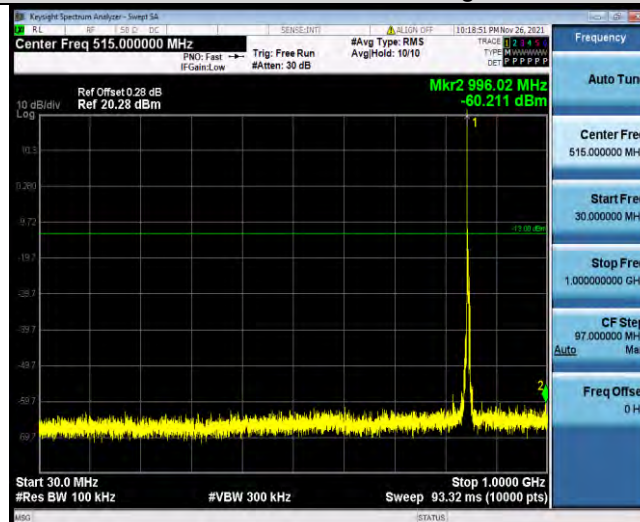
Test Report No.: W7L-P21110027RF01



Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20635-1RB#0-Range1:30~1000MHz

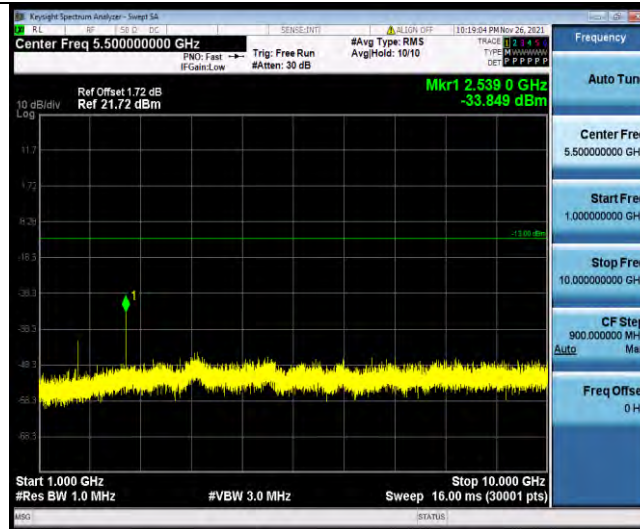


Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz

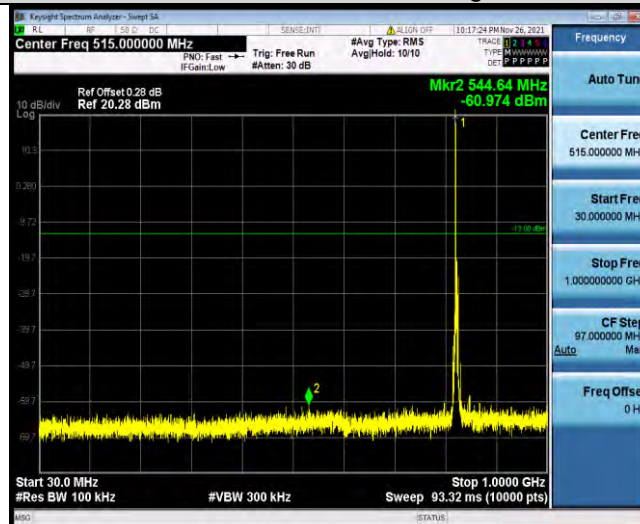


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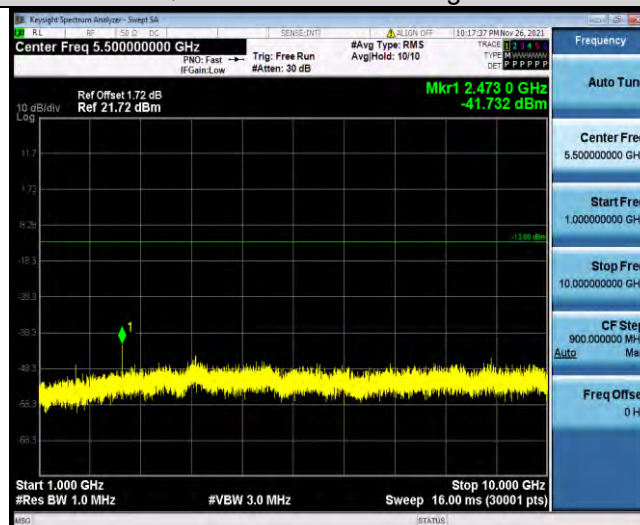
Test Report No.: W7L-P21110027RF01



Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz

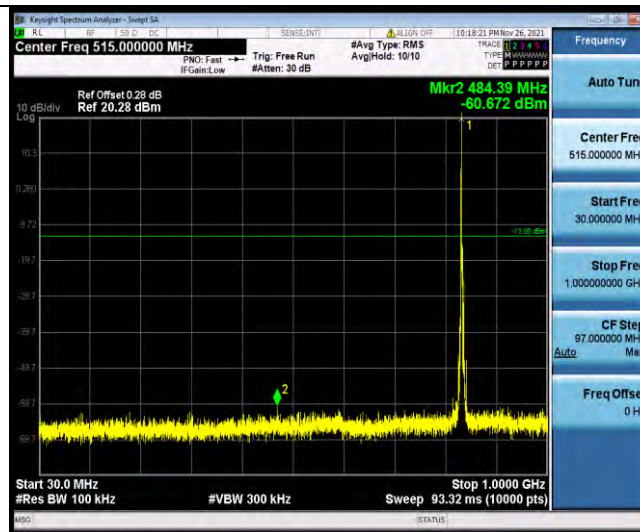


Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz

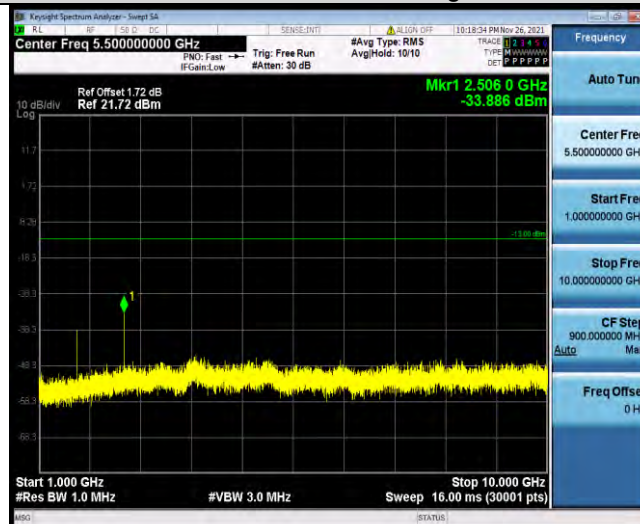


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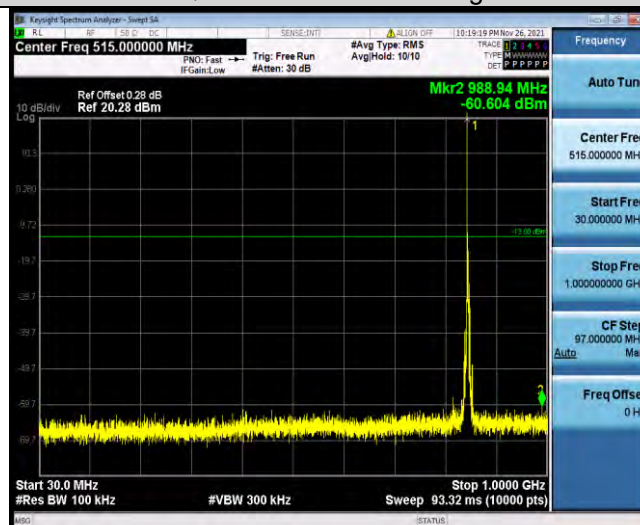
Test Report No.: W7L-P21110027RF01



Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz

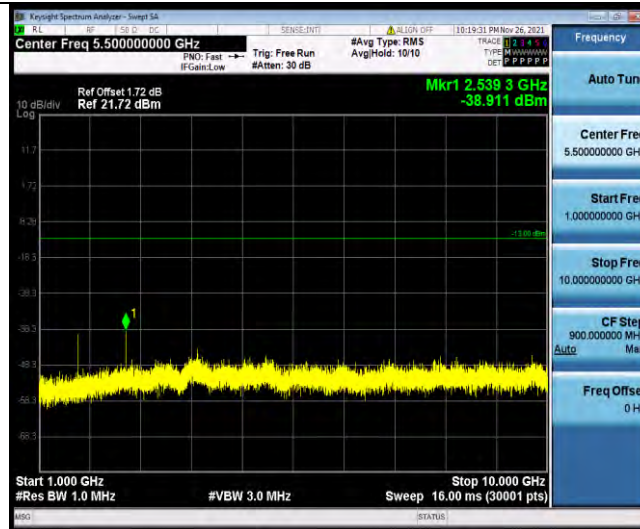


Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz

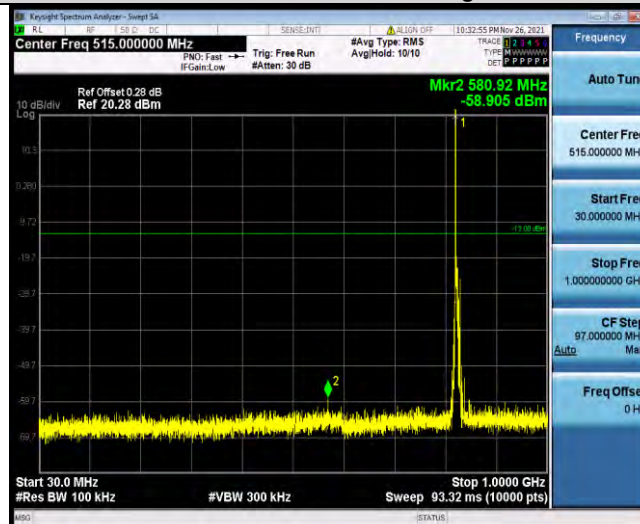


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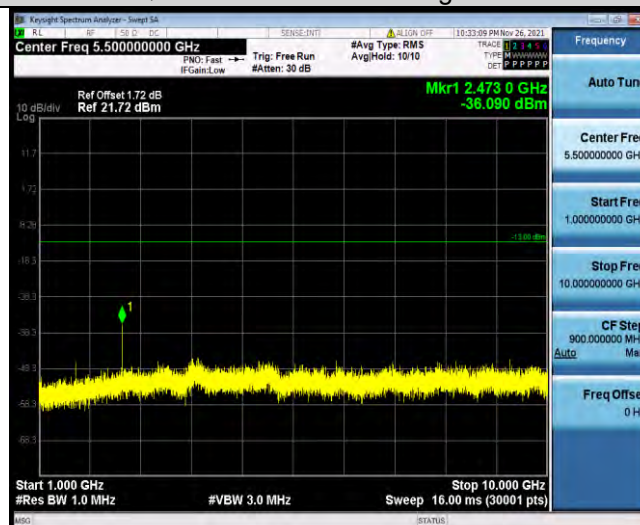
Test Report No.: W7L-P21110027RF01



Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz

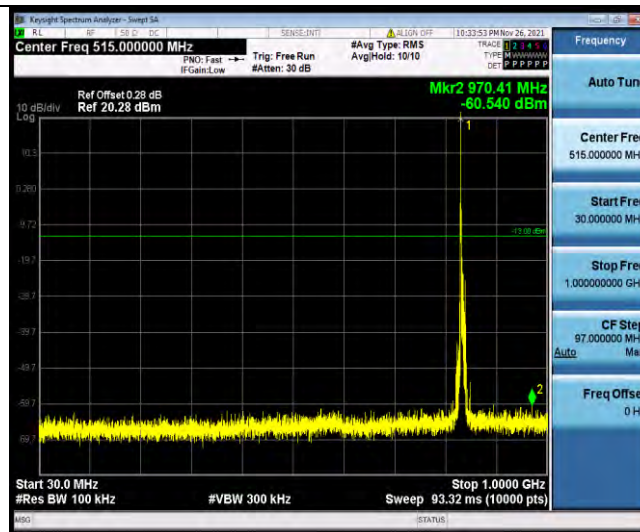


Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz

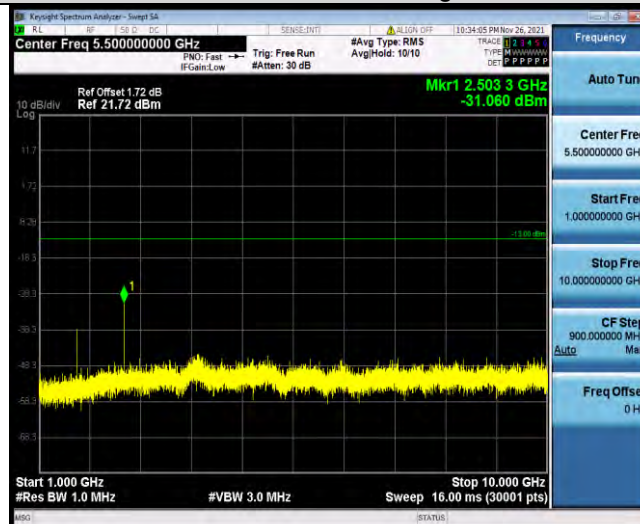


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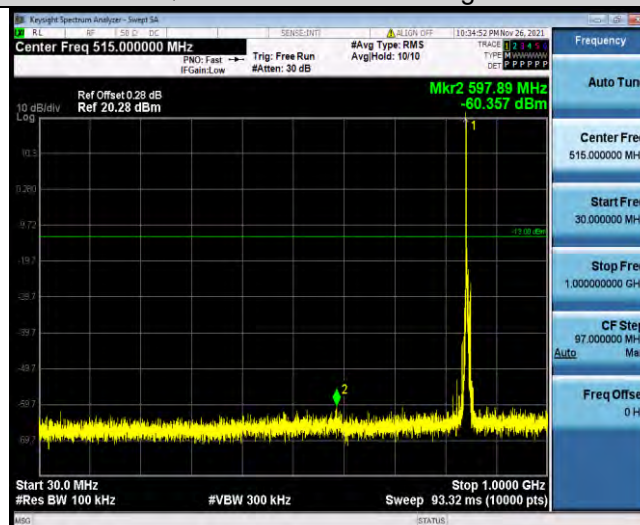
Test Report No.: W7L-P21110027RF01



Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz

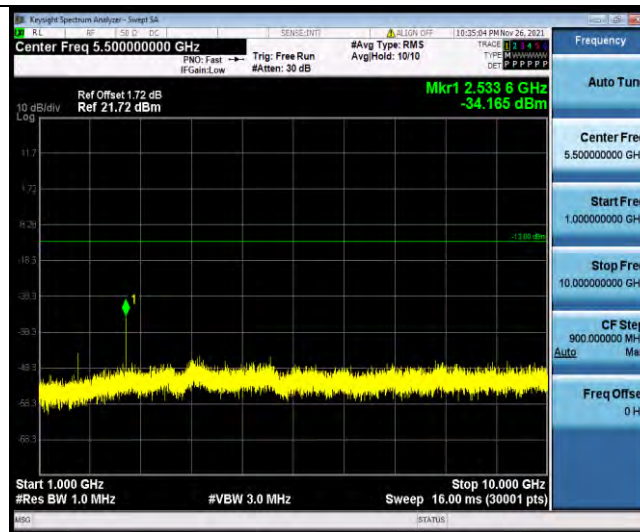


Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz

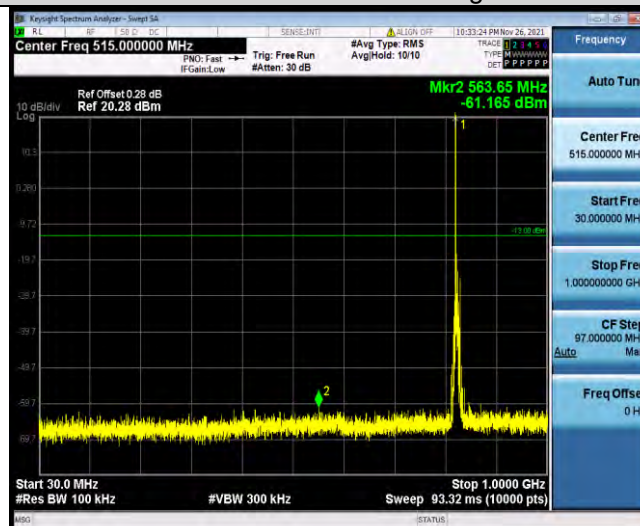


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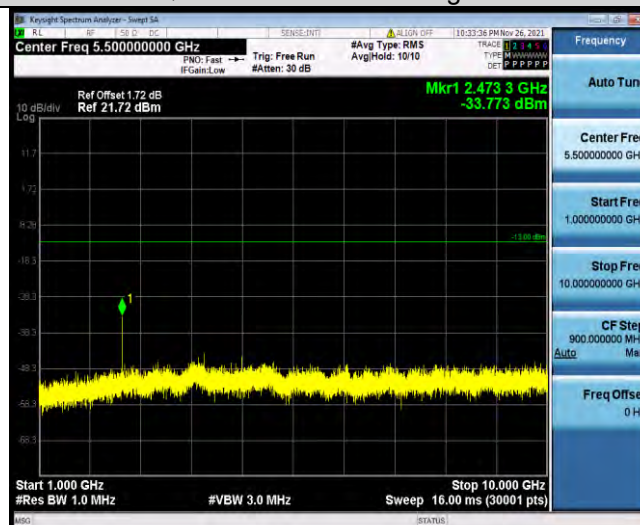
Test Report No.: W7L-P21110027RF01



Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz

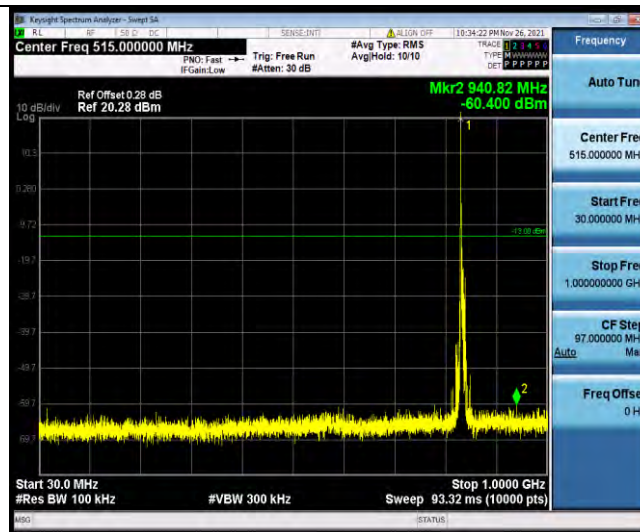


Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz

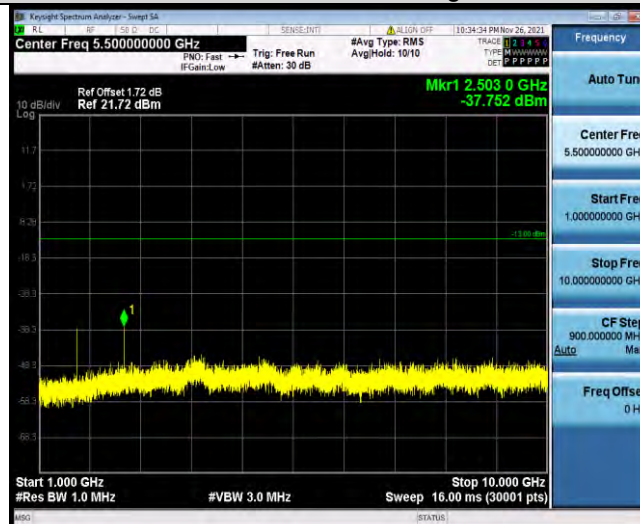


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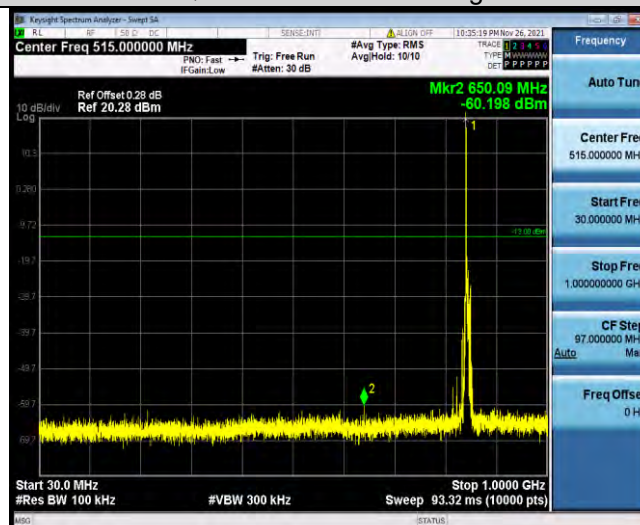
Test Report No.: W7L-P21110027RF01



Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz

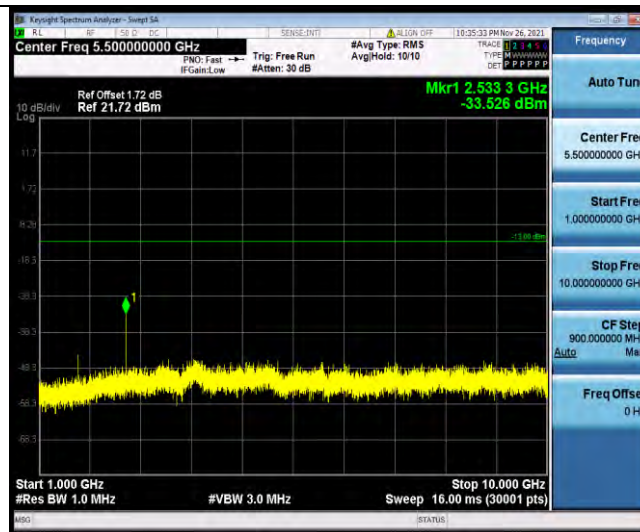


Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz

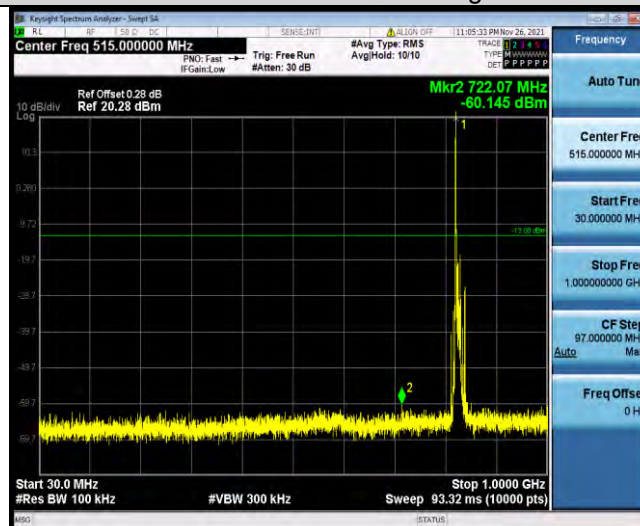


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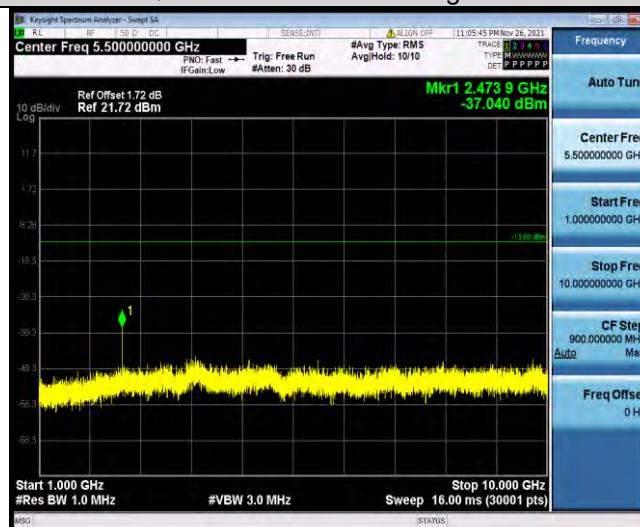
Test Report No.: W7L-P21110027RF01



Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz

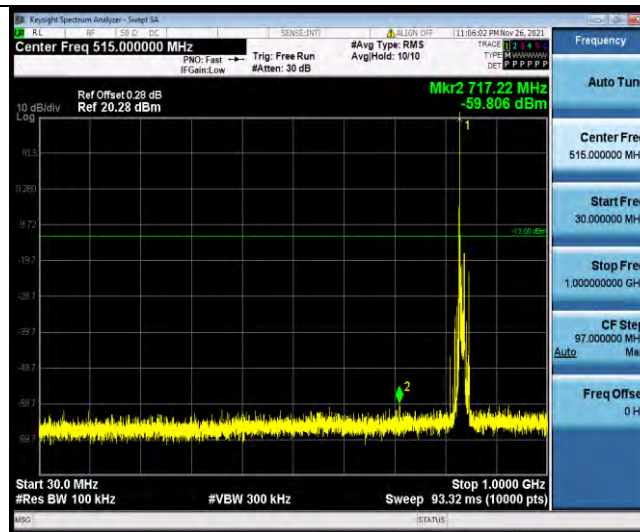


Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz

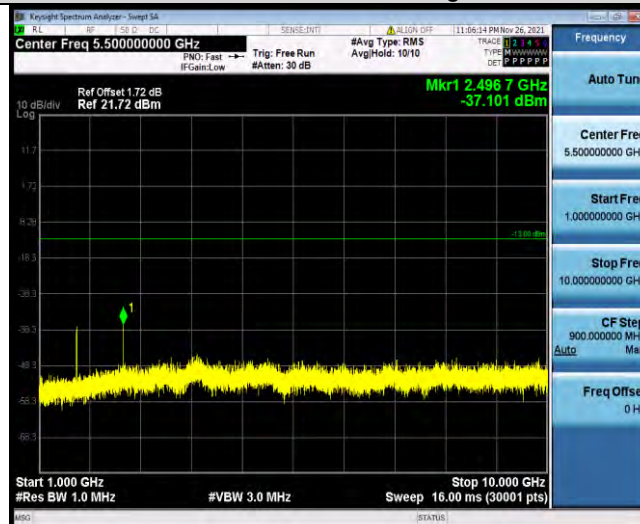


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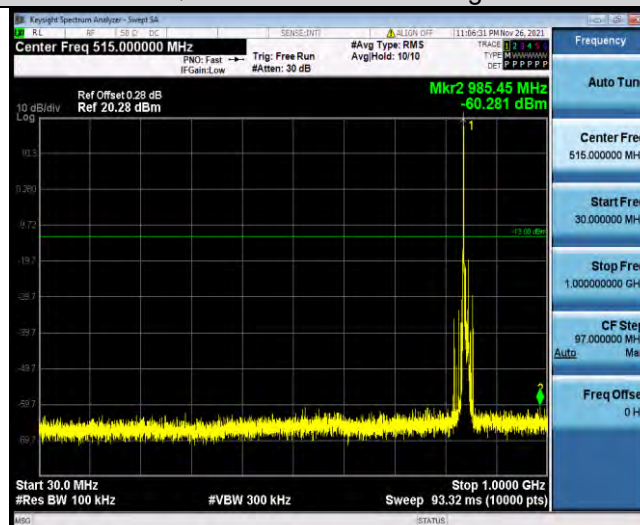
Test Report No.: W7L-P21110027RF01



Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz