

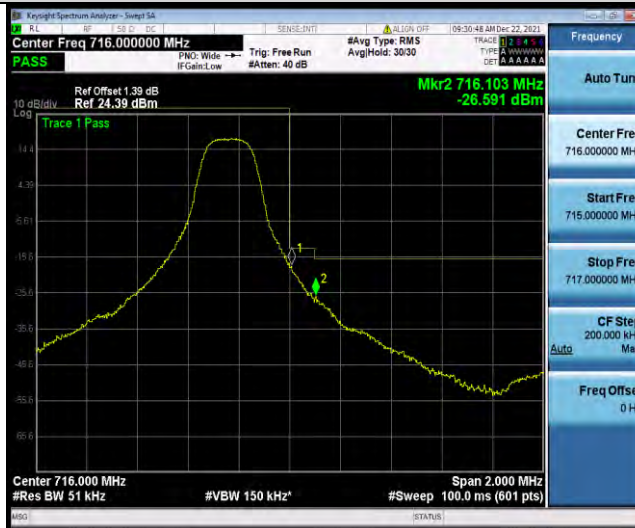


BUREAU VERITAS

### Test Report No.: W7L-211220W001RF03



Band12-3MHz-QPSK-23165-1RB#14



Band12-3MHz-QPSK-23165-15RB#0

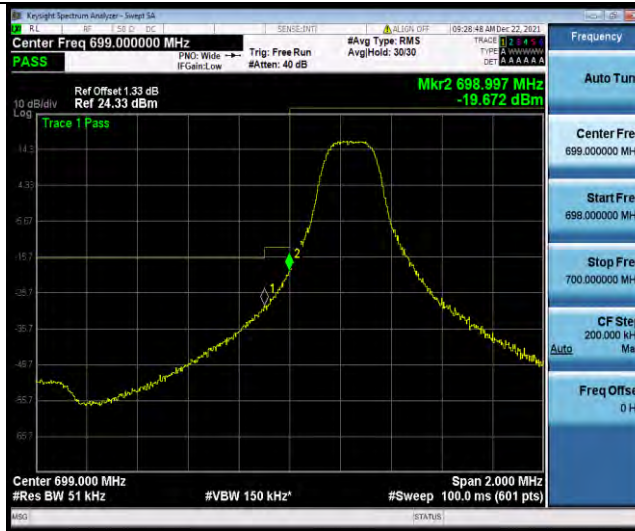


Band12-3MHz-16QAM-23025-1RB#0



BUREAU VERITAS

### Test Report No.: W7L-211220W001RF03



Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23165-1RB#14



Band12-3MHz-16QAM-23165-15RB#0

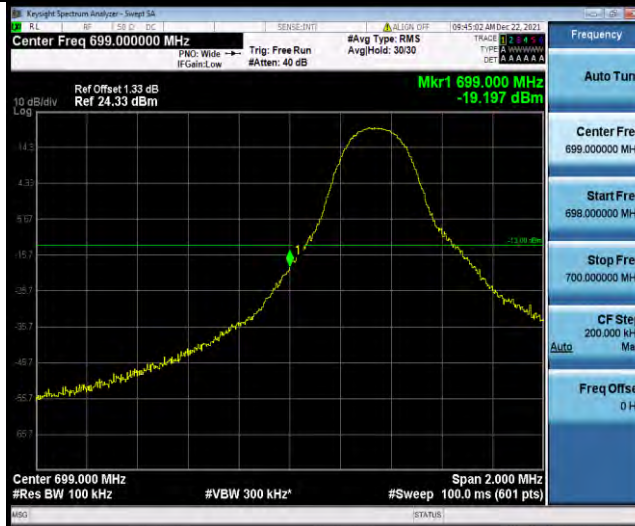


BUREAU VERITAS

### Test Report No.: W7L-211220W001RF03



Band12-5MHz-QPSK-23035-1RB#0



Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23155-1RB#24





BUREAU VERITAS

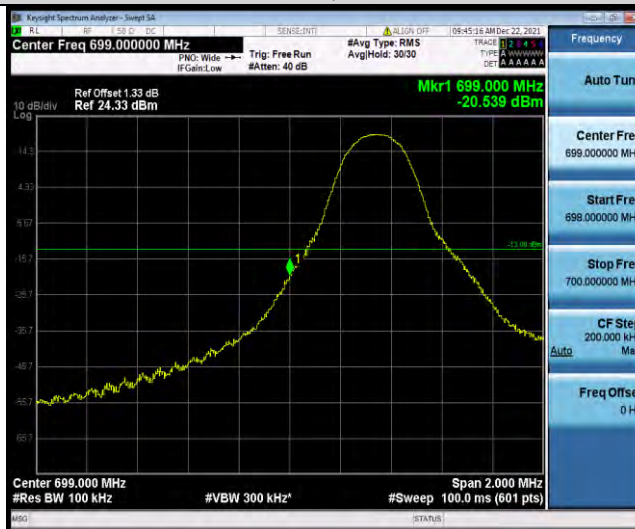
### Test Report No.: W7L-211220W001RF03



Band12-5MHz-QPSK-23155-25RB#0



Band12-5MHz-16QAM-23035-1RB#0

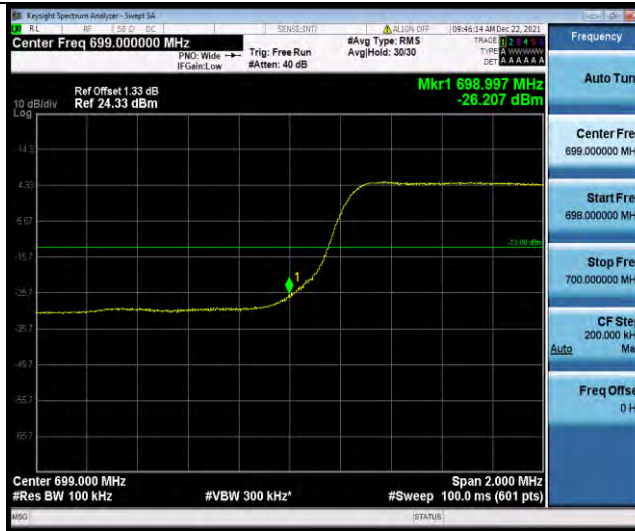


Band12-5MHz-16QAM-23035-25RB#0



BUREAU VERITAS

### Test Report No.: W7L-211220W001RF03



Band12-5MHz-16QAM-23155-1RB#24



Band12-5MHz-16QAM-23155-25RB#0



Band12-10MHz-QPSK-23060-1RB#0

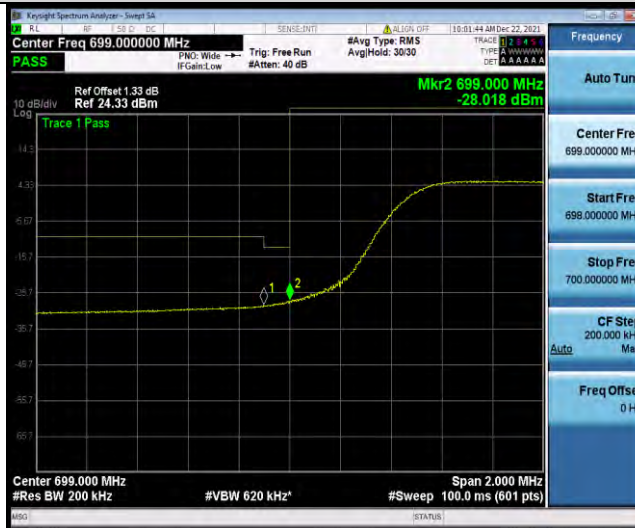


BUREAU VERITAS

# Test Report No.: W7L-211220W001RF03



Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23130-1RB#49



Band12-10MHz-QPSK-23130-50RB#0





BUREAU VERITAS

### Test Report No.: W7L-211220W001RF03



Band12-10MHz-16QAM-23060-1RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23130-1RB#49



BUREAU VERITAS

Test Report No.: W7L-211220W001RF03



Band12-10MHz-16QAM-23130-50RB#0







Test Report No.: W7L-211220W001RF03

## CONDUCTED SPURIOUS EMISSION

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-59.71	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-37.75	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-59.66	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-37.28	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-59.7	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-39.33	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-58.49	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-36.48	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-59.2	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-36.94	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-59.19	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-30.56	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-59.96	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-40.4	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-59.71	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-36.27	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-59.5	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-39	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-58.8	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-34.91	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-59.76	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.14	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-60	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-39.35	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-60.02	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-36.59	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-59.79	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.5	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-59.63	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-38.06	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-60.04	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-35.07	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-59.74	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-36.22	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-59.66	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-37.25	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-58.11	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-36.61	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-59.2	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.23	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-60.18	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-34.91	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-60.12	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-35.09	PASS

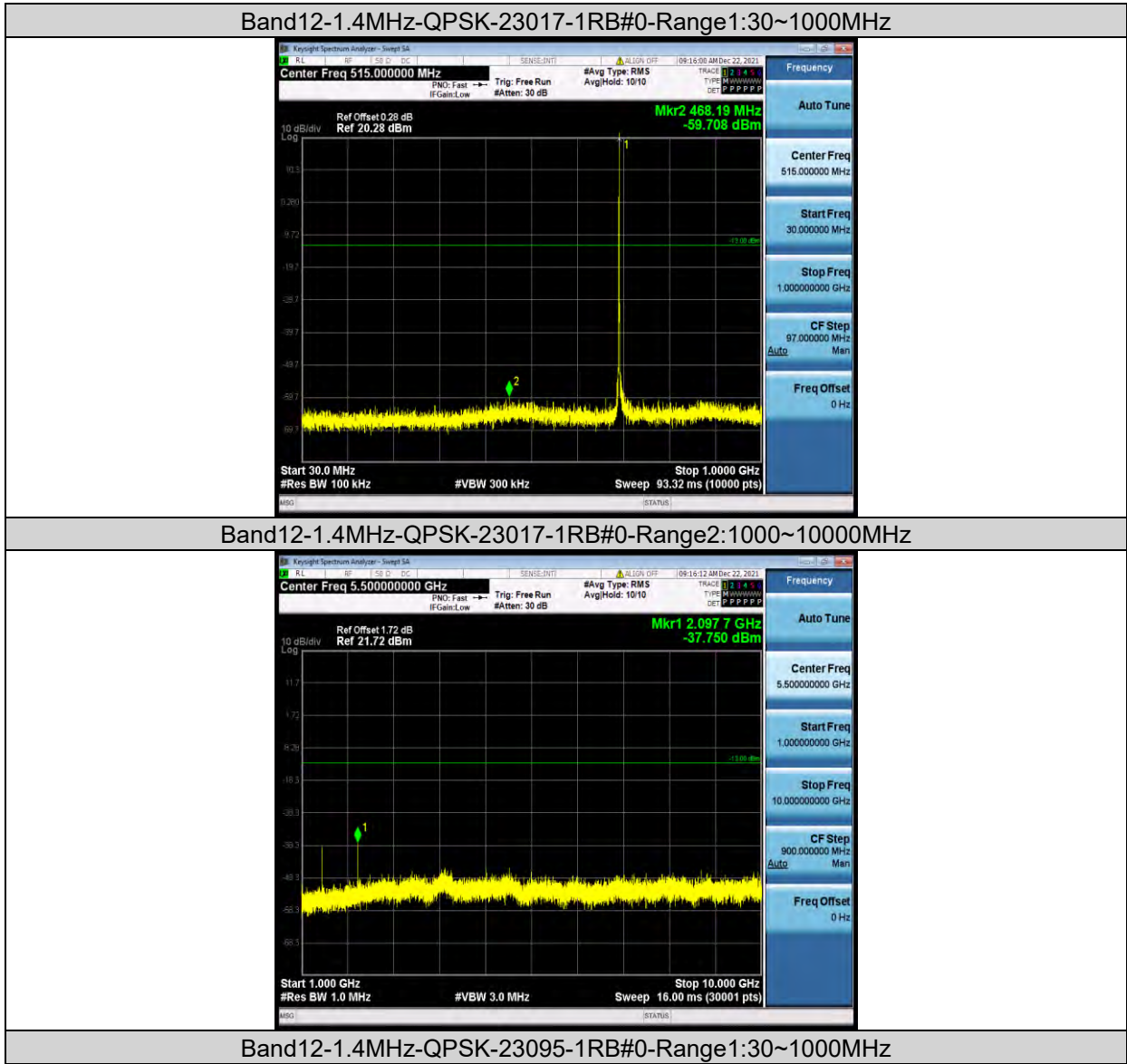


**BUREAU  
VERITAS**

**Test Report No.: W7L-211220W001RF03**

Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-59.32	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.23	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-59.36	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-33.5	PASS

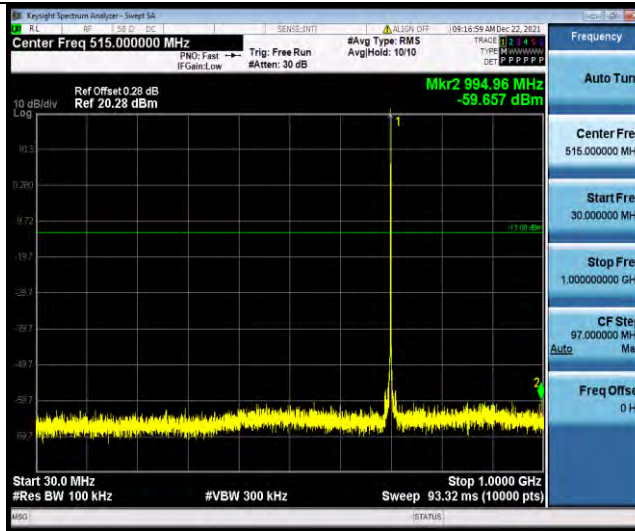
**Test Graphs**



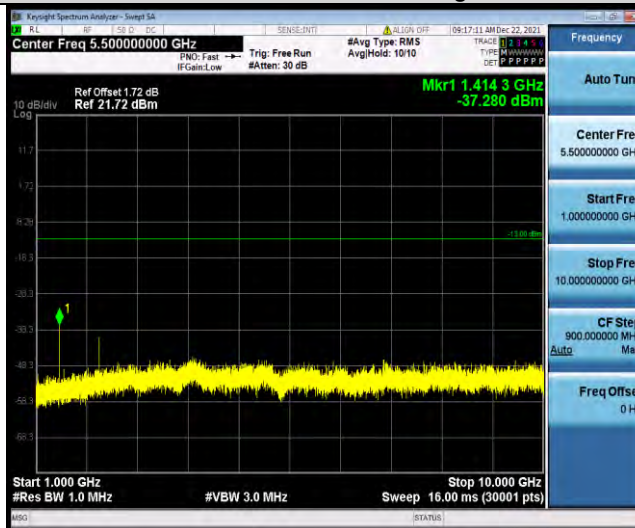


BUREAU VERITAS

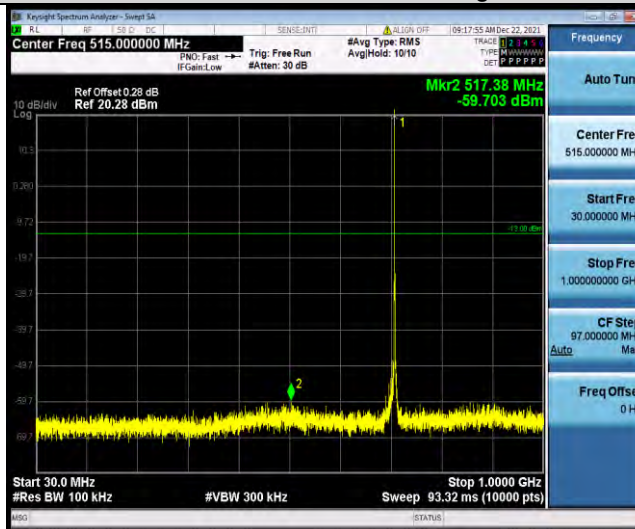
Test Report No.: W7L-211220W001RF03



Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz

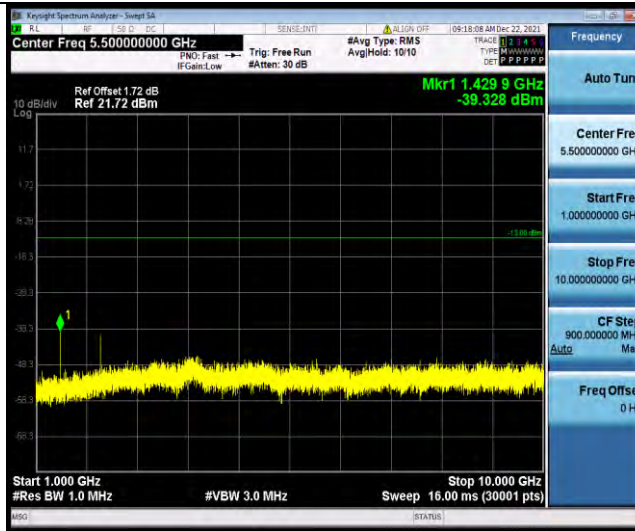


Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz

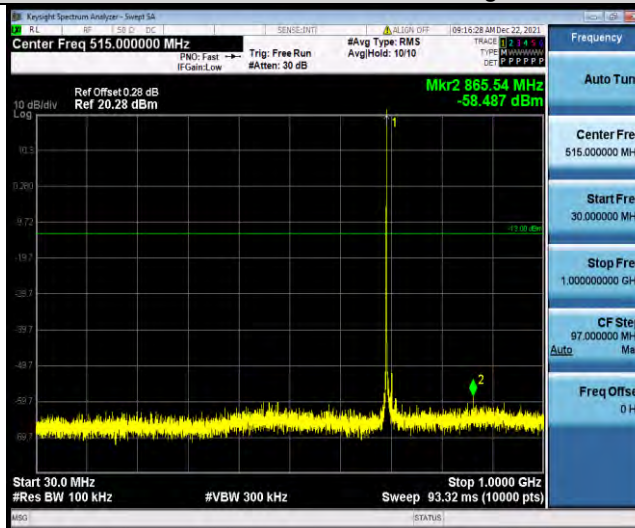


BUREAU VERITAS

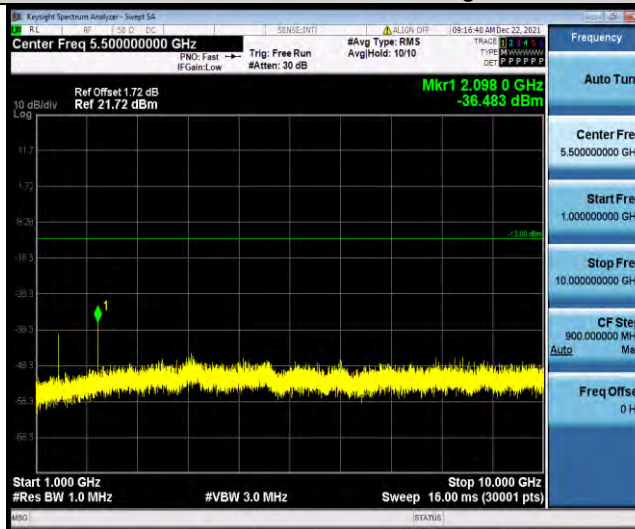
Test Report No.: W7L-211220W001RF03



Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



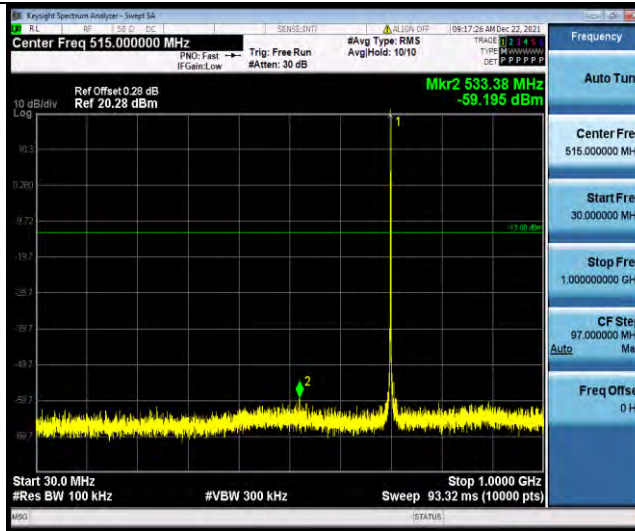
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



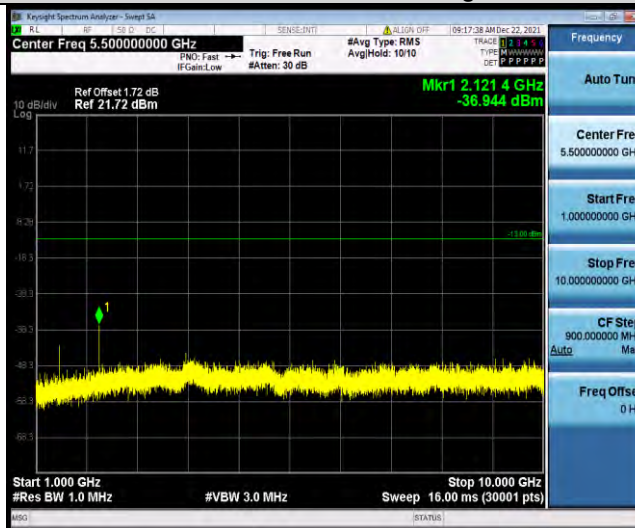


BUREAU VERITAS

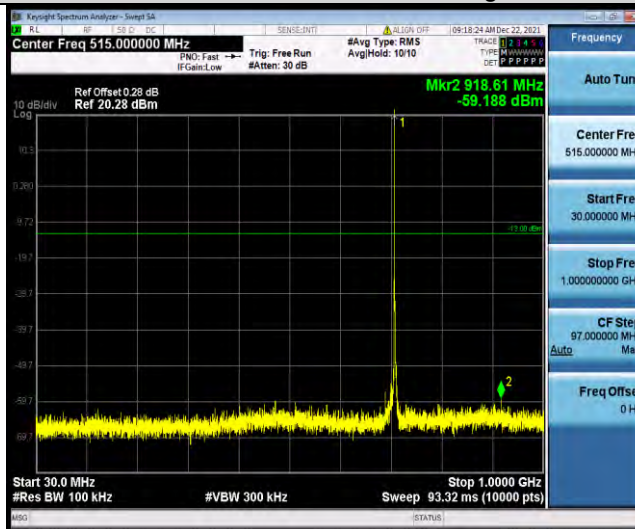
Test Report No.: W7L-211220W001RF03



Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz

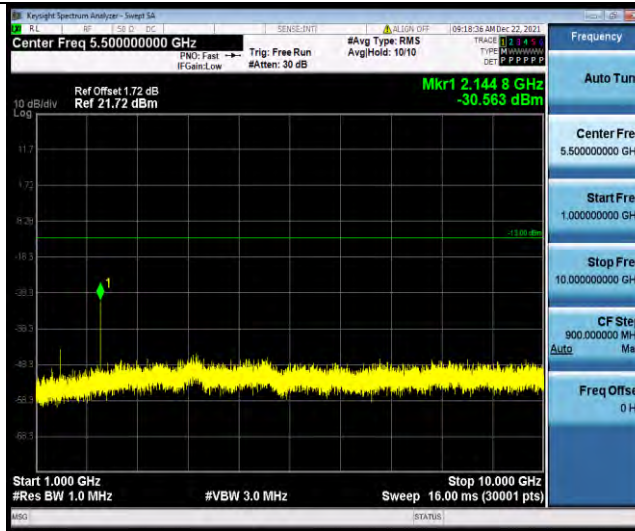


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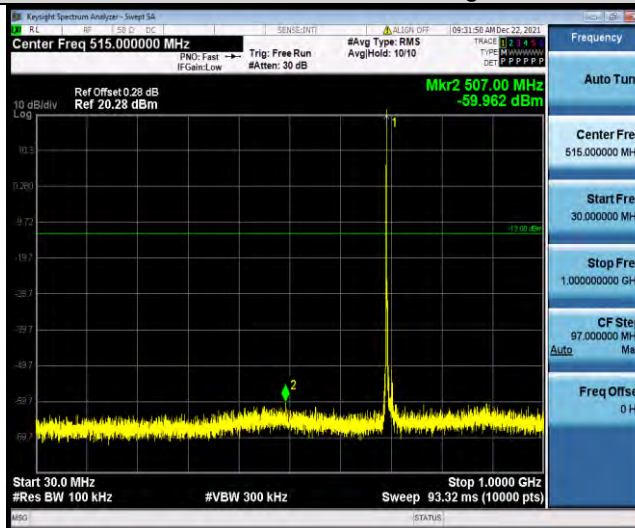


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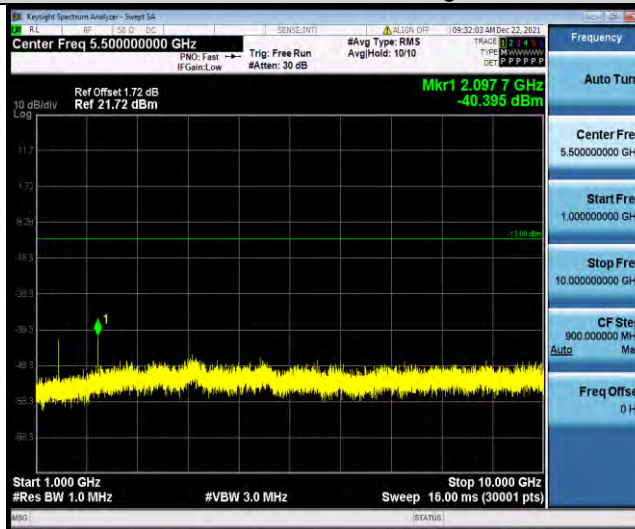
Test Report No.: W7L-211220W001RF03



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Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz

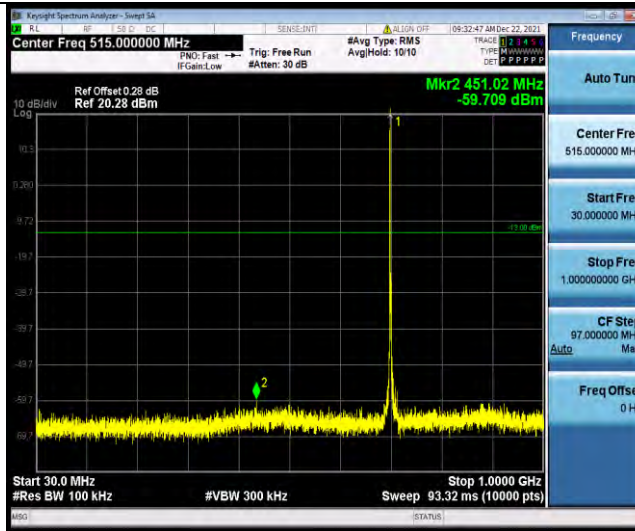


Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

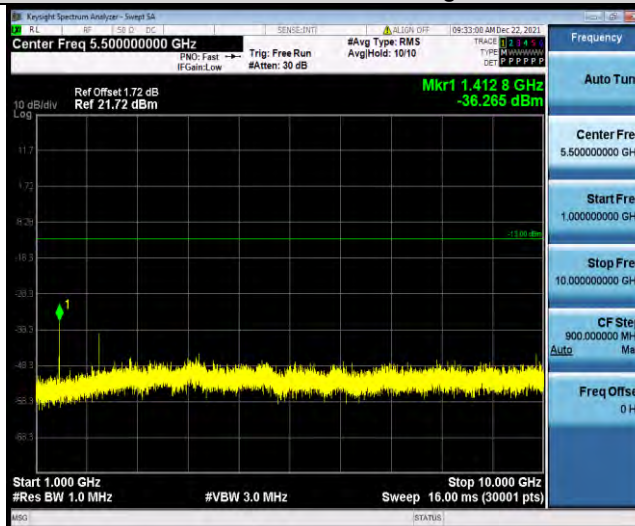


BUREAU VERITAS

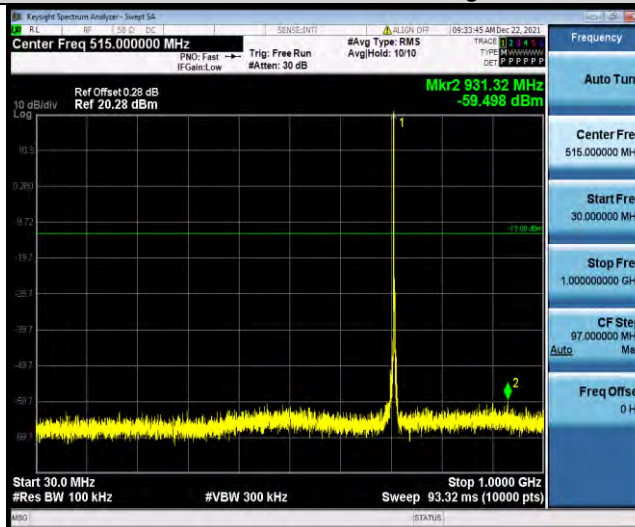
Test Report No.: W7L-211220W001RF03



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Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



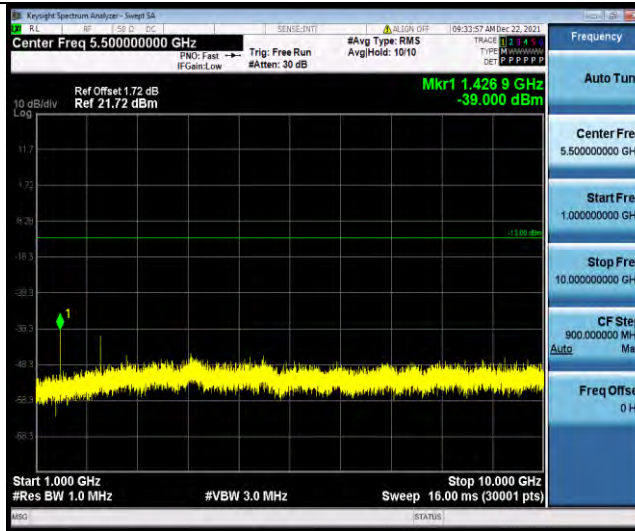
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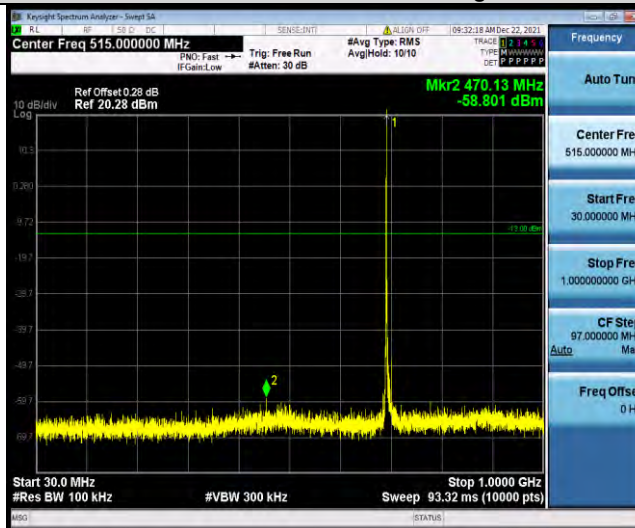


BUREAU VERITAS

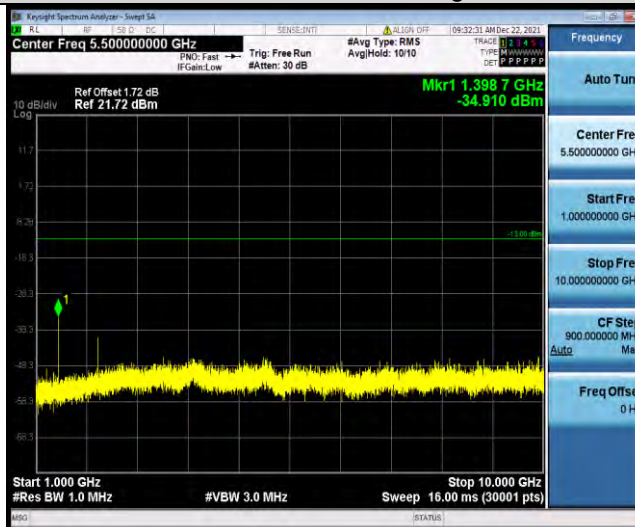
Test Report No.: W7L-211220W001RF03



Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~1000MHz



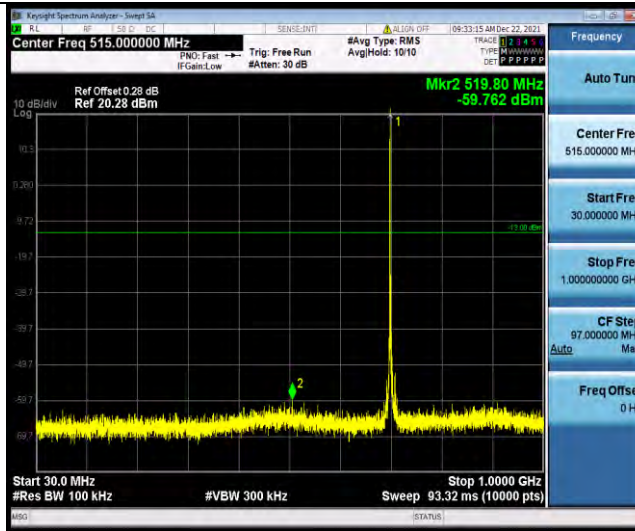
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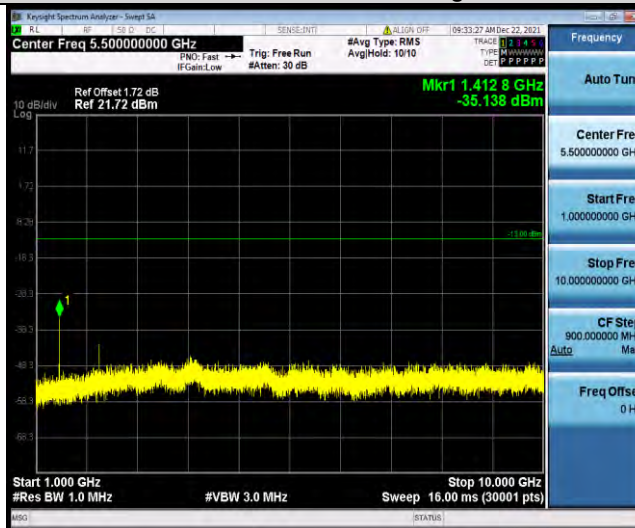


BUREAU VERITAS

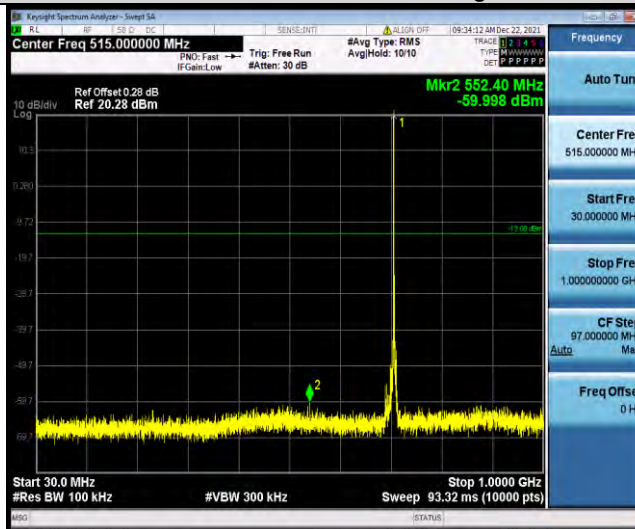
Test Report No.: W7L-211220W001RF03



Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz

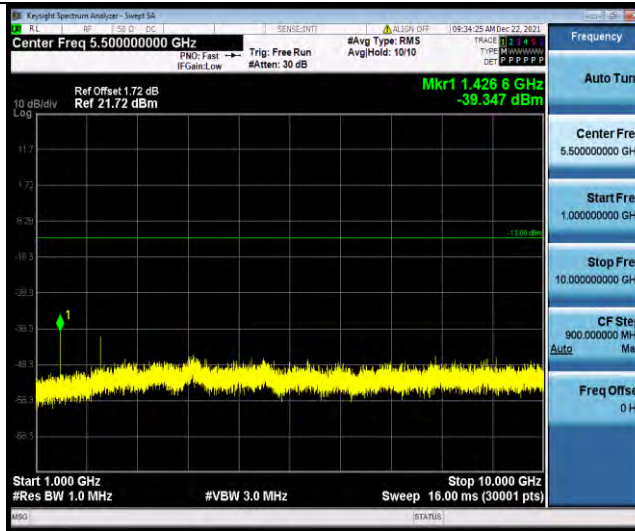


Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz

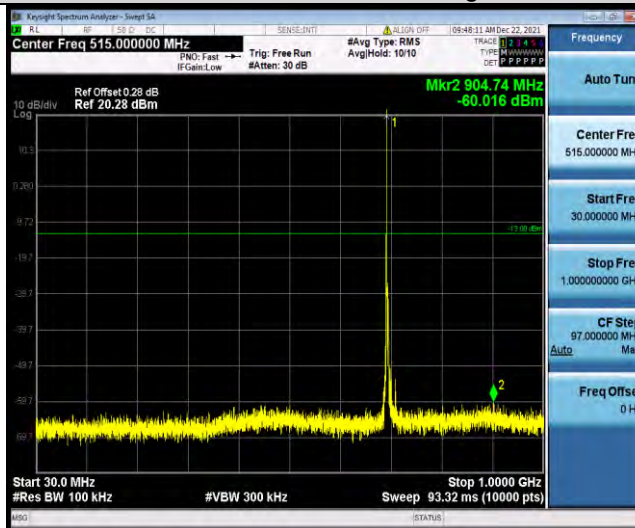


BUREAU VERITAS

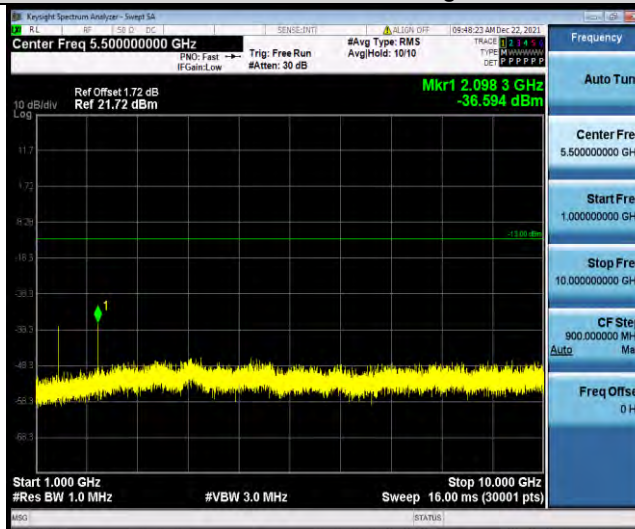
Test Report No.: W7L-211220W001RF03



Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz

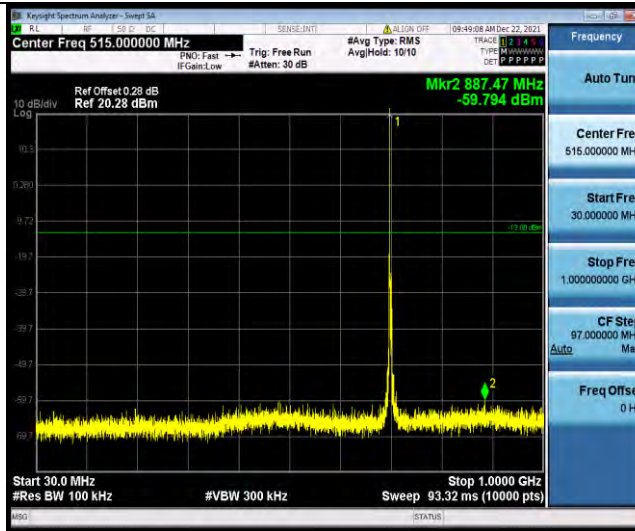


Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

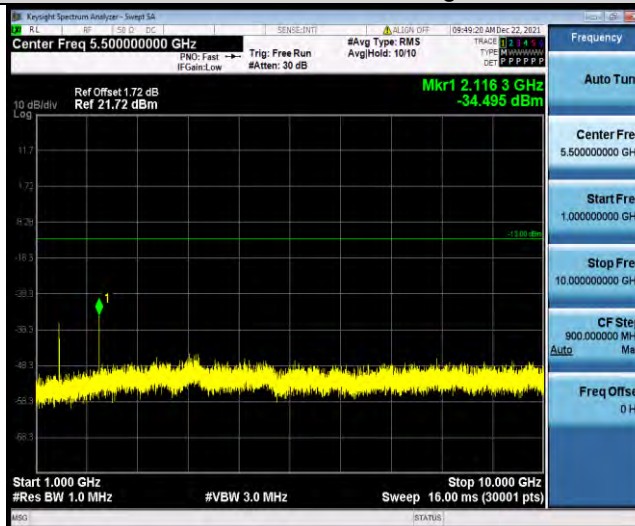


BUREAU VERITAS

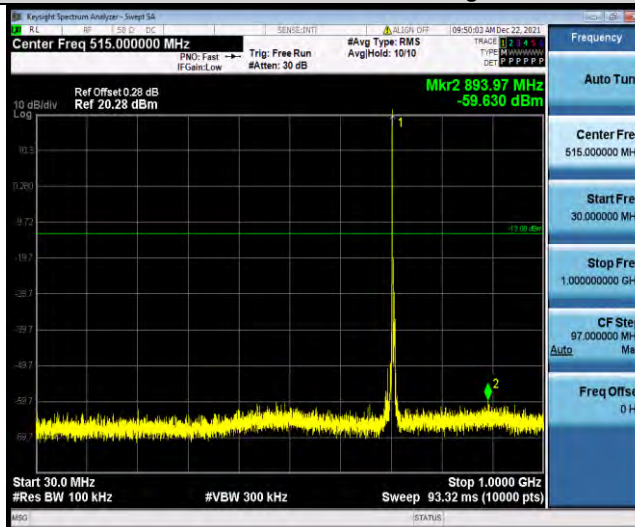
Test Report No.: W7L-211220W001RF03



Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



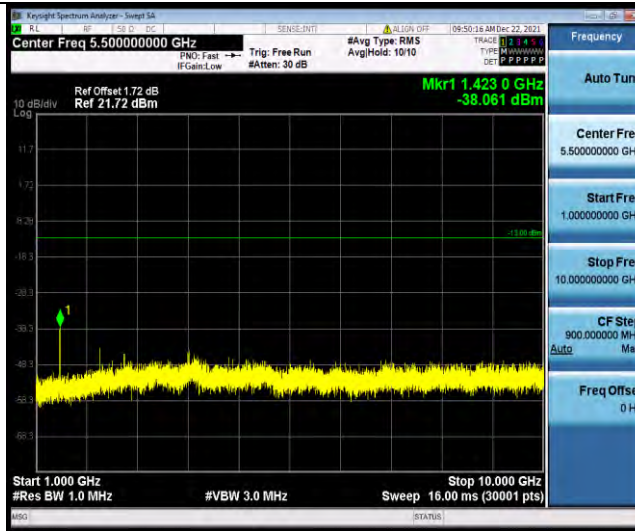
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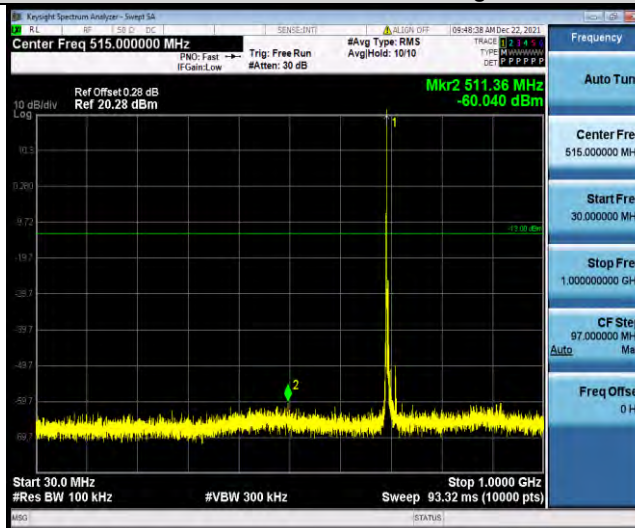


BUREAU VERITAS

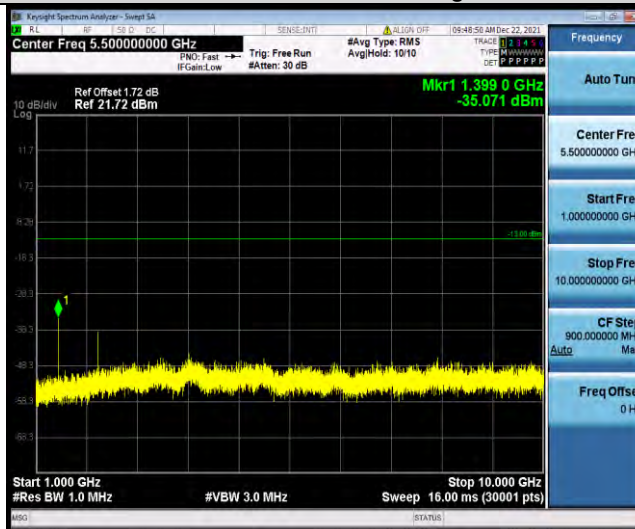
Test Report No.: W7L-211220W001RF03



Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~1000MHz



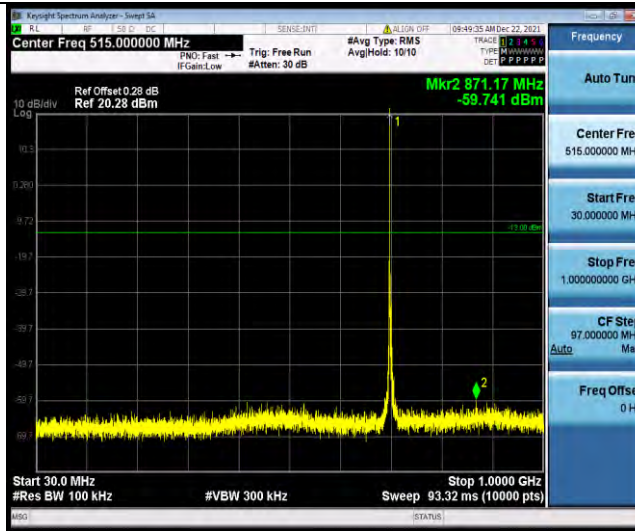
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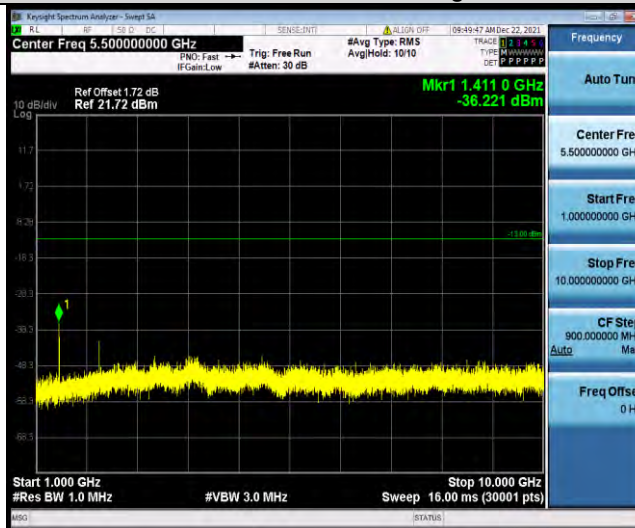


BUREAU VERITAS

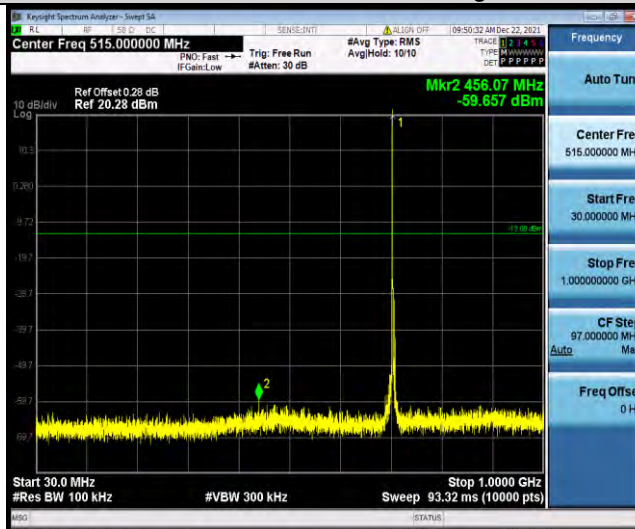
Test Report No.: W7L-211220W001RF03



Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz

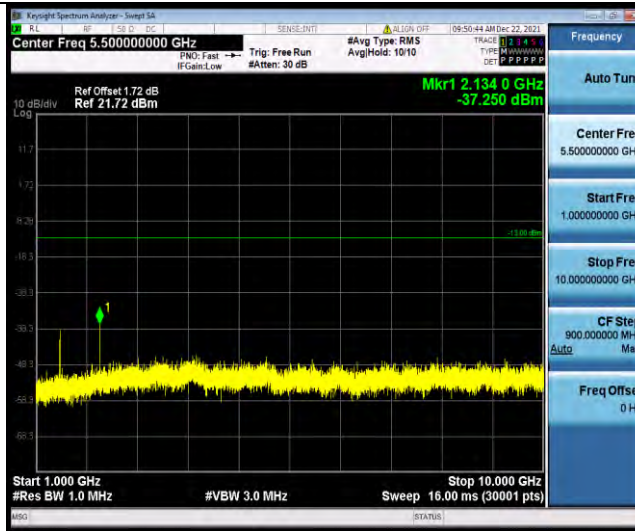


Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz

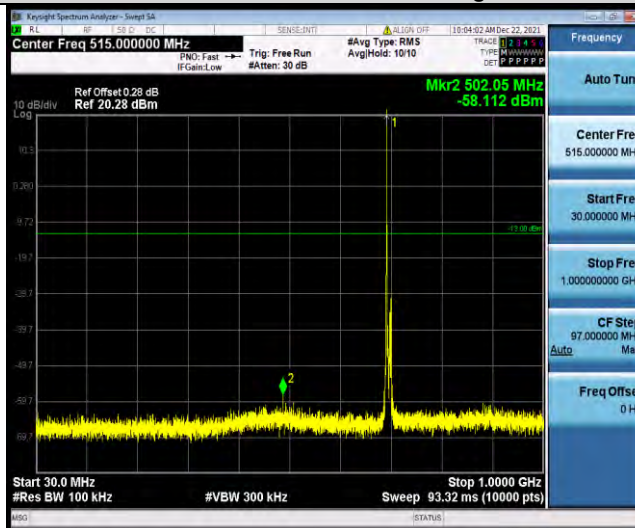


BUREAU VERITAS

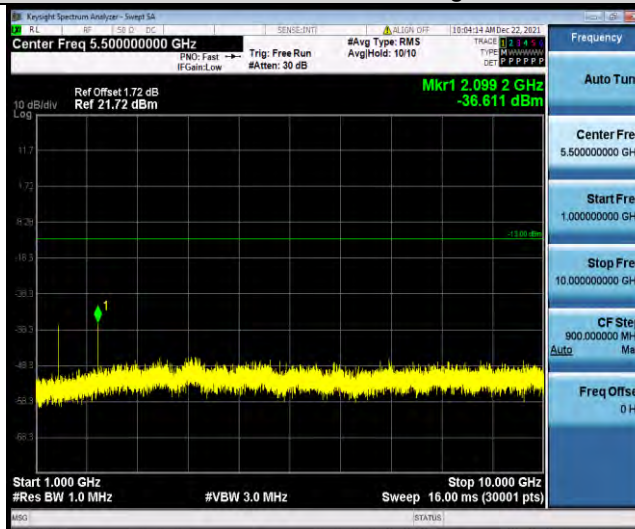
Test Report No.: W7L-211220W001RF03



Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz

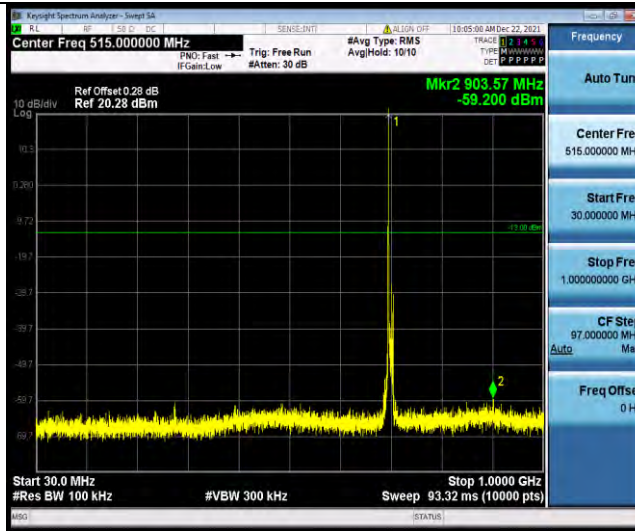


Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz

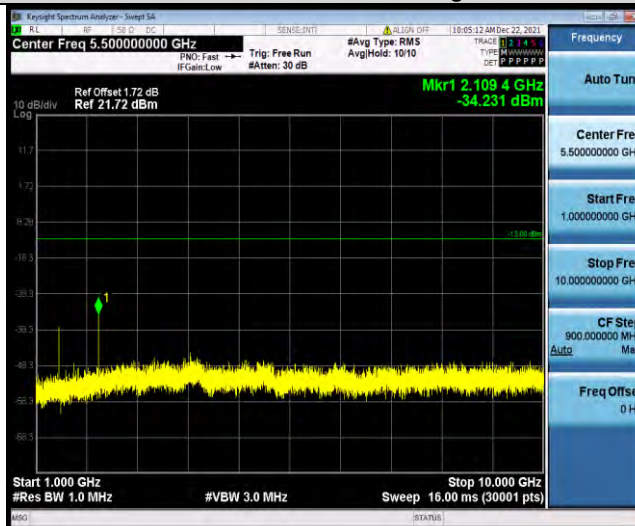


BUREAU VERITAS

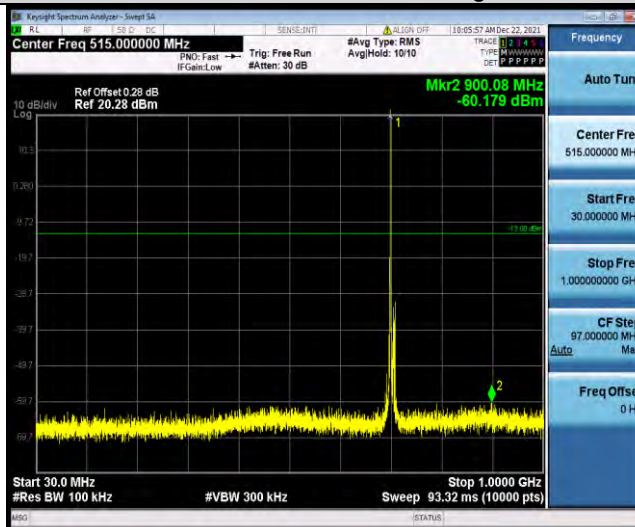
Test Report No.: W7L-211220W001RF03



Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



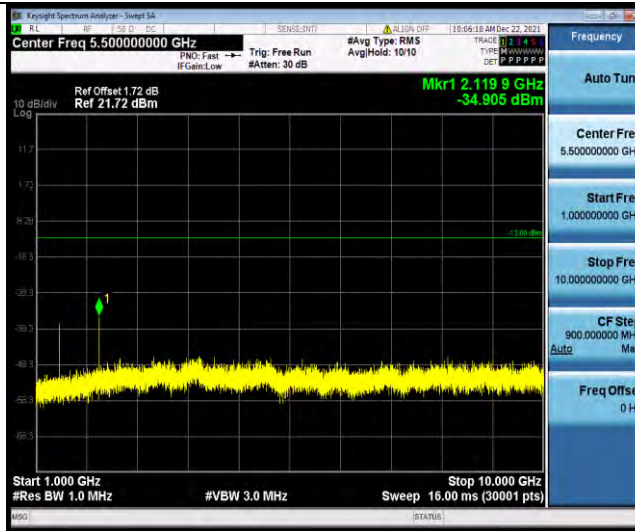
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



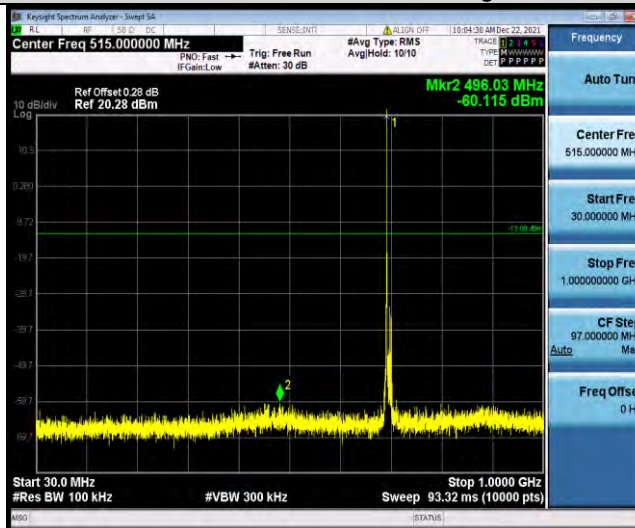


BUREAU VERITAS

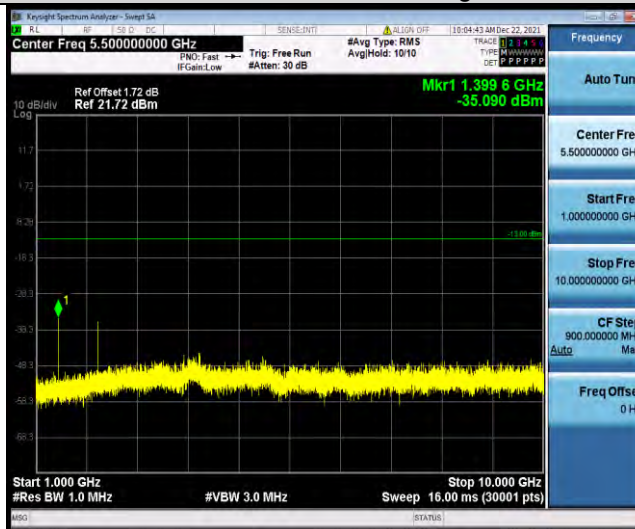
### Test Report No.: W7L-211220W001RF03



Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz

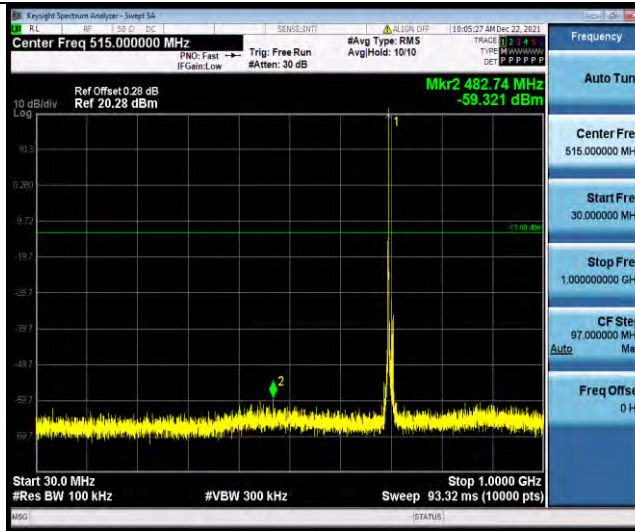


Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz

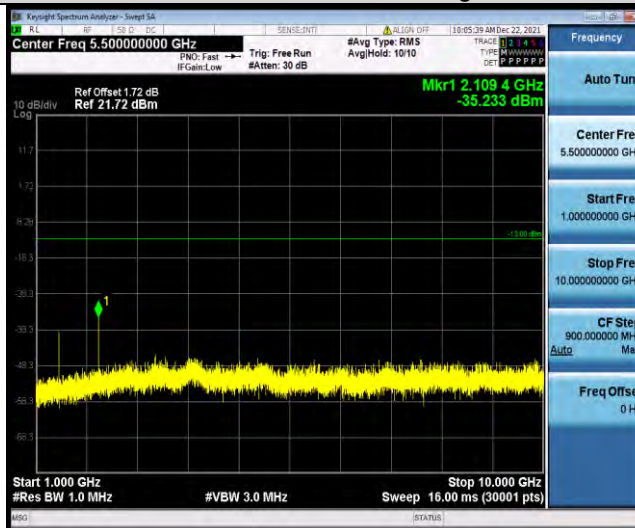


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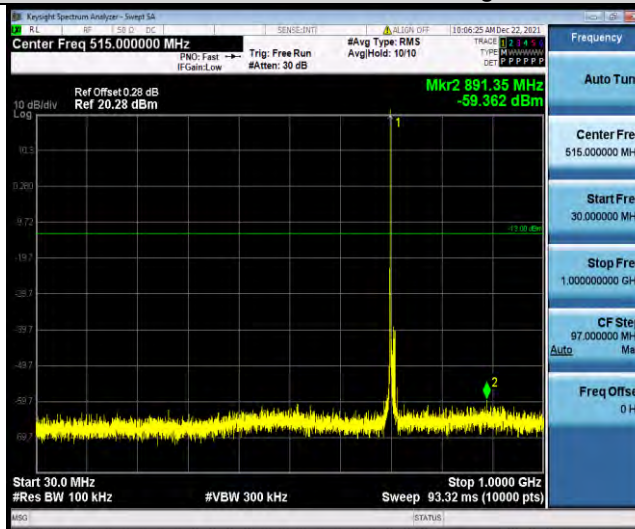
Test Report No.: W7L-211220W001RF03



Band12-10MHz-16QAM-23095-1RB#0-Range2: 1000~10000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz

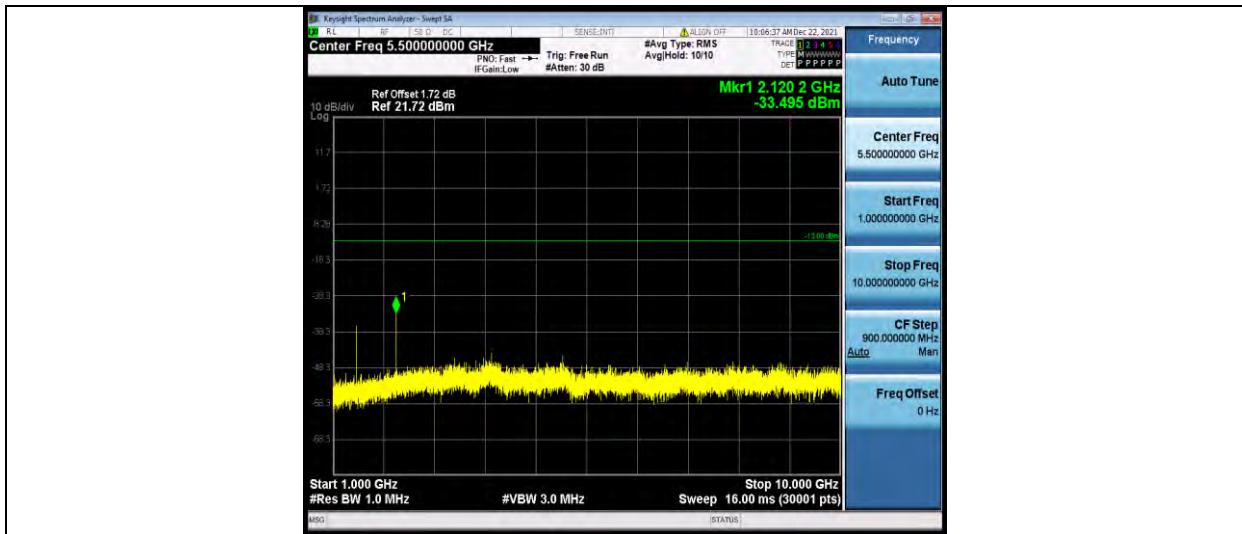


Band12-10MHz-16QAM-23130-1RB#0-Range2: 1000~10000MHz



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Test Report No.: W7L-211220W001RF03

## FREQUENCY STABILITY

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1_2	1.4MHz	QPSK	23017	6RB#0	VL	NT	-28.24	-0.040360	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	VN	NT	-14.95	-0.021366	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	VH	NT	-8.40	-0.012005	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VL	NT	-7.64	-0.010799	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VN	NT	-18.90	-0.026714	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VH	NT	-23.76	-0.033583	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VL	NT	-5.11	-0.007144	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VN	NT	-8.78	-0.012275	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VH	NT	12.04	0.016832	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VL	NT	-4.48	-0.006403	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VN	NT	-1.49	-0.002129	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VH	NT	-3.55	-0.005074	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VL	NT	-3.59	-0.005074	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VN	NT	-2.15	-0.003039	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VH	NT	2.88	0.004071	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VL	NT	3.20	0.004474	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VN	NT	2.78	0.003886	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VH	NT	-2.62	-0.003663	±2.5	PASS
Band1_2	3MHz	QPSK	23025	15RB#0	VL	NT	2.65	0.003783	±2.5	PASS
Band1_2	3MHz	QPSK	23025	15RB#0	VN	NT	2.20	0.003141	±2.5	PASS
Band1_2	3MHz	QPSK	23025	15RB#0	VH	NT	-2.37	-0.003383	±2.5	PASS



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Band1 2	3MHz	QPSK	23095	15RB#0	VL	NT	4.46	0.006304	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VN	NT	-3.89	-0.005498	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VH	NT	-2.22	-0.003138	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VL	NT	-6.45	-0.009027	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VN	NT	2.60	0.003639	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VH	NT	1.63	0.002281	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VL	NT	-1.03	-0.001470	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VN	NT	-6.34	-0.009051	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VH	NT	-3.08	-0.004397	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VL	NT	-1.23	-0.001739	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VN	NT	5.88	0.008311	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VH	NT	-4.46	-0.006304	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VL	NT	5.91	0.008272	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VN	NT	-2.69	-0.003765	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VH	NT	-1.72	-0.002407	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VL	NT	-6.17	-0.008795	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VN	NT	4.43	0.006315	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VH	NT	-4.51	-0.006429	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VL	NT	2.68	0.003788	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VN	NT	4.59	0.006488	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VH	NT	-4.25	-0.006007	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VL	NT	-5.42	-0.007596	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VN	NT	-2.12	-0.002971	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VH	NT	7.25	0.010161	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VL	NT	1.90	0.002708	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VN	NT	6.15	0.008767	±2.5	PASS
Band1	5MHz	16QAM	23035	25RB#0	VH	NT	-3.83	-0.005460	±2.5	PASS



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2										
Band1 2	5MHz	16QAM	23095	25RB#0	VL	NT	3.12	0.004410	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VN	NT	-1.17	-0.001654	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VH	NT	3.30	0.004664	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VL	NT	1.52	0.002130	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VN	NT	-4.12	-0.005774	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VH	NT	2.69	0.003770	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VL	NT	3.91	0.005554	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VN	NT	-4.99	-0.007088	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VH	NT	3.36	0.004773	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VL	NT	2.89	0.004085	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VN	NT	4.94	0.006982	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VH	NT	3.85	0.005442	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VL	NT	1.34	0.001885	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VN	NT	-2.12	-0.002982	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VH	NT	-1.30	-0.001828	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VL	NT	-3.19	-0.004531	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VN	NT	3.91	0.005554	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VH	NT	3.22	0.004574	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VL	NT	2.02	0.002855	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VN	NT	2.76	0.003901	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VH	NT	-1.57	-0.002219	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VL	NT	-5.25	-0.007384	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VN	NT	3.09	0.004346	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VH	NT	1.22	0.001716	±2.5	PASS

Temperature





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Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	-30	1.67	0.002387	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	-20	1.86	0.002658	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	0	6.90	0.009861	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	10	5.01	0.007160	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	NV	20	-2.83	-0.004045	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	-30	-12.03	-0.017004	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	-20	-5.79	-0.008184	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	0	3.02	0.004269	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	10	-2.19	-0.003095	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	NV	20	-2.55	-0.003604	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	-30	20.83	0.029121	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	-20	7.54	0.010541	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	0	3.13	0.004376	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	10	4.58	0.006403	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	NV	20	-2.75	-0.003845	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	NV	-30	-5.21	-0.007446	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	NV	-20	-5.29	-0.007560	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	NV	0	-3.50	-0.005002	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	NV	10	3.02	0.004316	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	NV	20	-4.52	-0.006460	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	NV	-30	-5.24	-0.007406	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	NV	-20	-1.73	-0.002445	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	NV	0	-5.46	-0.007717	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	NV	10	-0.87	-0.001230	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	NV	20	4.41	0.006233	±2.5	PASS
Band1	1.4MHz	16QAM	23173	6RB#0	NV	-30	-4.13	-0.005774	±2.5	PASS



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2										
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-20	-1.70	-0.002377	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	0	-1.75	-0.002447	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	10	1.37	0.001915	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	20	4.79	0.006696	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-30	-2.20	-0.003141	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-20	-5.35	-0.007637	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	0	-1.10	-0.001570	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	10	-3.68	-0.005253	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	20	1.22	0.001742	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-30	-4.11	-0.005809	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-20	1.27	0.001795	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	0	-1.06	-0.001498	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	10	3.60	0.005088	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	20	4.16	0.005880	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-30	5.97	0.008355	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-20	-2.85	-0.003989	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	0	-3.69	-0.005164	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	10	4.08	0.005710	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	20	3.39	0.004745	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-30	3.35	0.004782	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-20	-2.62	-0.003740	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	0	1.33	0.001899	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	10	3.81	0.005439	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	20	3.39	0.004839	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-30	4.99	0.007053	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-20	1.76	0.002488	±2.5	PASS



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Band1 2	3MHz	16QAM	23095	15RB#0	NV	0	5.98	0.008452	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	10	2.23	0.003152	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	20	3.85	0.005442	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-30	2.23	0.003121	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-20	4.13	0.005780	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	0	-2.86	-0.004003	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	10	-1.06	-0.001484	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	20	-2.45	-0.003429	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-30	-1.59	-0.002267	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-20	-3.96	-0.005645	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	0	4.92	0.007014	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	10	1.72	0.002452	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	20	5.29	0.007541	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-30	3.46	0.004890	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-20	1.72	0.002431	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	0	-3.33	-0.004707	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	10	-5.12	-0.007237	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	20	1.75	0.002473	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-30	4.59	0.006433	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-20	3.53	0.004947	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	0	3.00	0.004205	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	10	-2.35	-0.003294	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	20	1.80	0.002523	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-30	3.18	0.004533	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-20	-6.02	-0.008582	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	0	-5.59	-0.007969	±2.5	PASS
Band1	5MHz	16QAM	23035	25RB#0	NV	10	1.33	0.001896	±2.5	PASS





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2										
Band1 2	5MHz	16QAM	23035	25RB#0	NV	20	-3.32	-0.004733	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-30	2.66	0.003760	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-20	3.26	0.004608	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	0	-4.96	-0.007011	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	10	-2.98	-0.004212	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	20	3.32	0.004693	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-30	-3.52	-0.004933	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-20	2.33	0.003266	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	0	1.63	0.002285	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	10	-5.54	-0.007765	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	20	-1.76	-0.002467	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	4.46	0.006335	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	5.18	0.007358	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	2.50	0.003551	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	-2.09	-0.002969	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	2.45	0.003480	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-30	2.55	0.003604	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-20	5.38	0.007604	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	0	-3.20	-0.004523	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	10	4.01	0.005668	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	20	-4.03	-0.005696	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	5.45	0.007665	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	-4.51	-0.006343	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	-7.15	-0.010056	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-2.52	-0.003544	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	20	1.70	0.002391	±2.5	PASS



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Band1 2	10MHz	16QAM	23060	50RB#0	NV	-30	-5.94	-0.008438	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-20	-5.18	-0.007358	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	0	2.80	0.003977	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	10	1.16	0.001648	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	20	-7.32	-0.010398	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-30	4.28	0.006049	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-20	2.50	0.003534	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	0	1.32	0.001866	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	10	-1.13	-0.001597	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	20	2.79	0.003943	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-30	-6.45	-0.009072	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-20	-4.69	-0.006596	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	0	-3.73	-0.005246	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	10	-3.91	-0.005499	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	20	-3.10	-0.004360	±2.5	PASS



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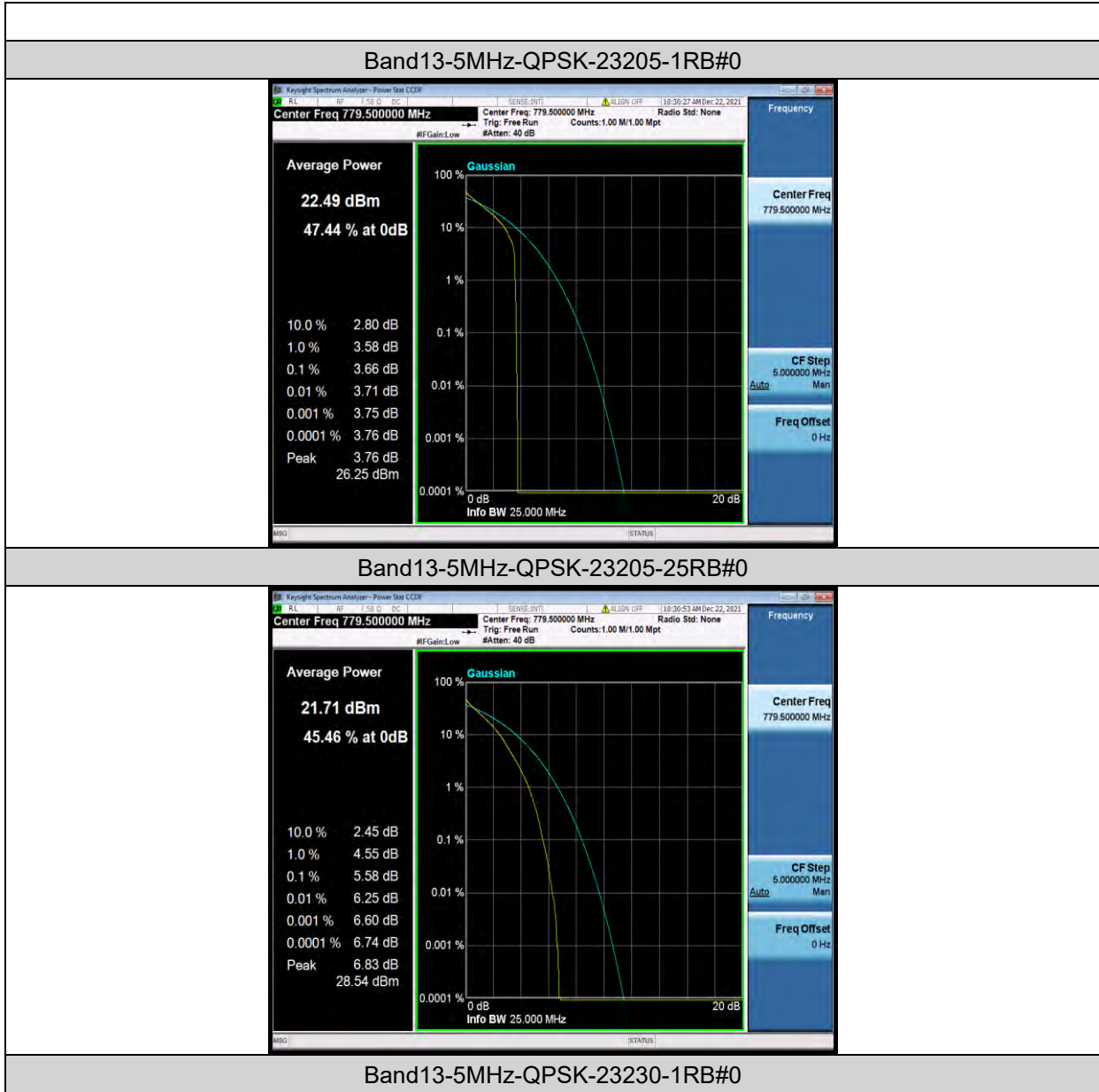
## LTE BAND13

### PEAK-TO-AVERAGE RATIO(CCDF)

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	3.66	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.58	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	3.69	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.44	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	3.67	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.28	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.63	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.25	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.67	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.18	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.29	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.05	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	3.75	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.31	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.61	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.16	13	PASS

### Test Graphs

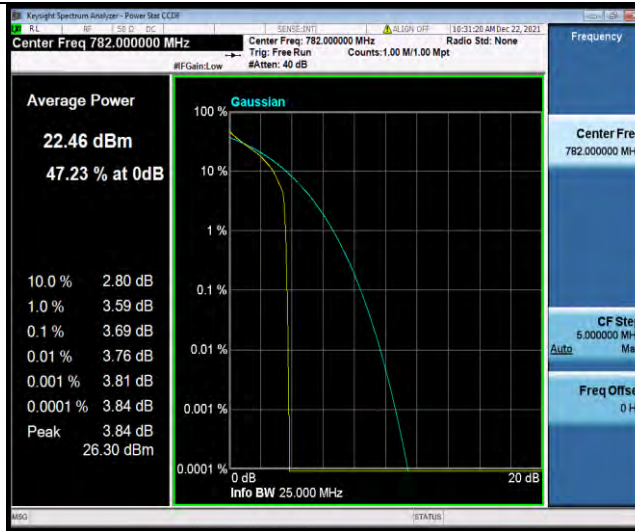




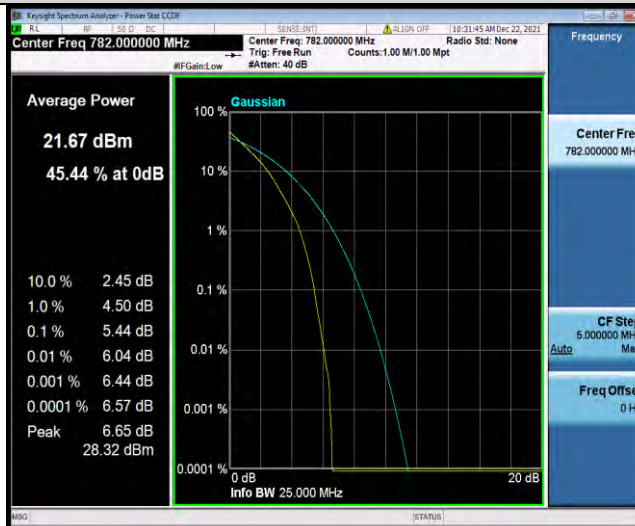


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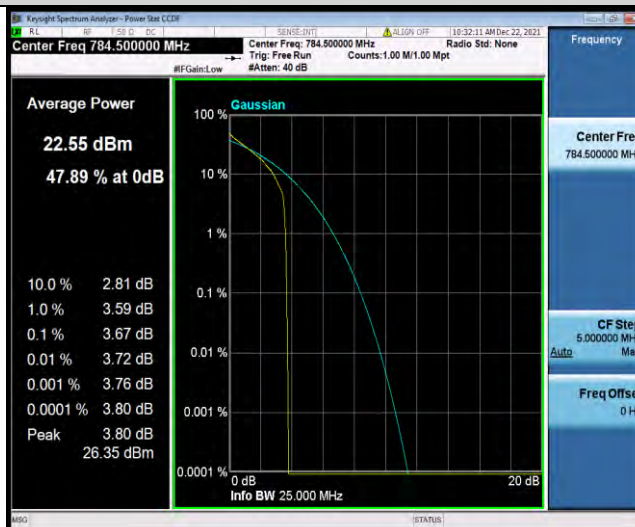
Test Report No.: W7L-211220W001RF03



Band13-5MHz-QPSK-23230-25RB#0



Band13-5MHz-QPSK-23255-1RB#0

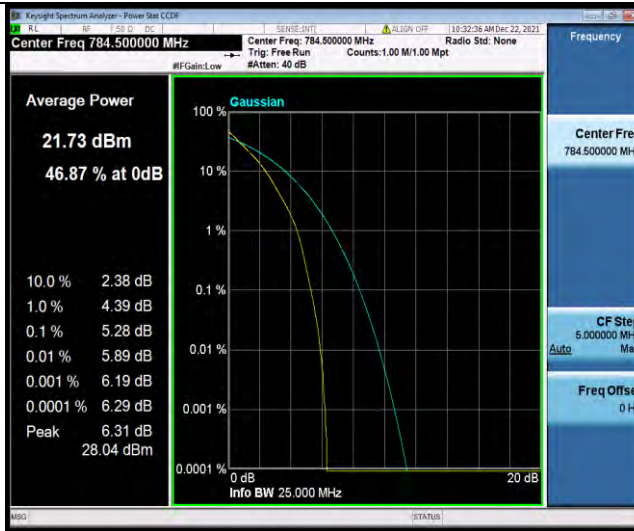


Band13-5MHz-QPSK-23255-25RB#0

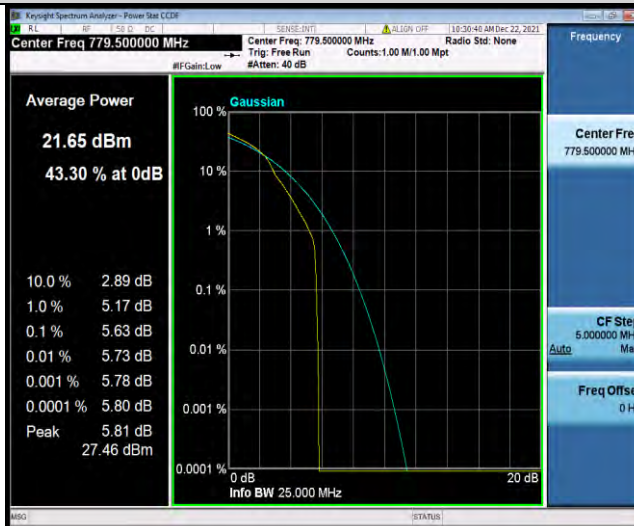


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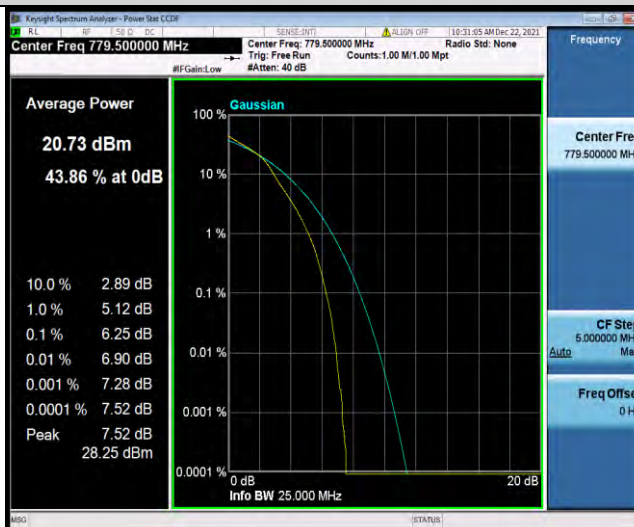
Test Report No.: W7L-211220W001RF03



Band13-5MHz-16QAM-23205-1RB#0



Band13-5MHz-16QAM-23205-25RB#0

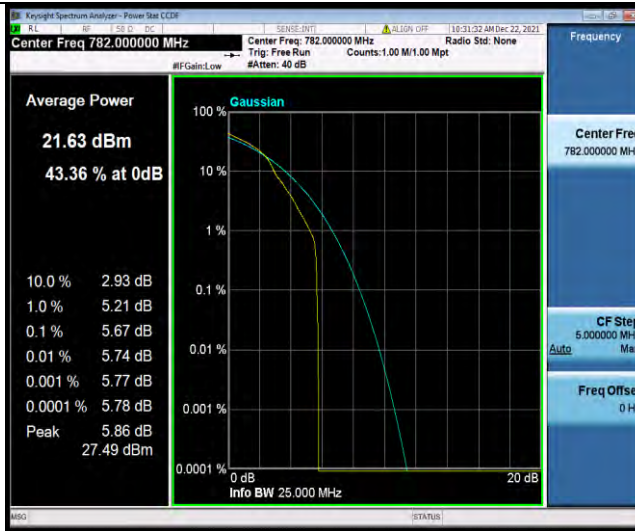


Band13-5MHz-16QAM-23230-1RB#0



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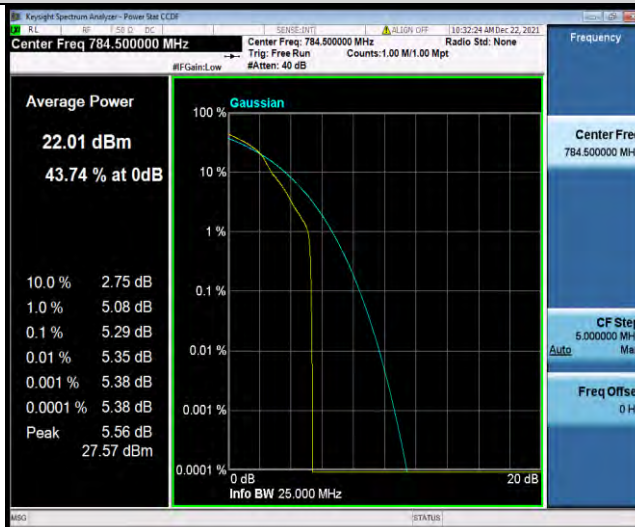
Test Report No.: W7L-211220W001RF03



Band13-5MHz-16QAM-23230-25RB#0



Band13-5MHz-16QAM-23255-1RB#0



Band13-5MHz-16QAM-23255-25RB#0