

Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-6RB#0

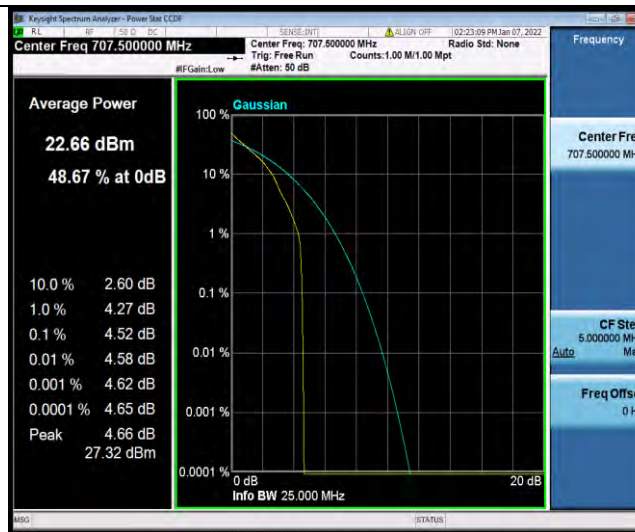


Band12-1.4MHz-QPSK-23095-1RB#0

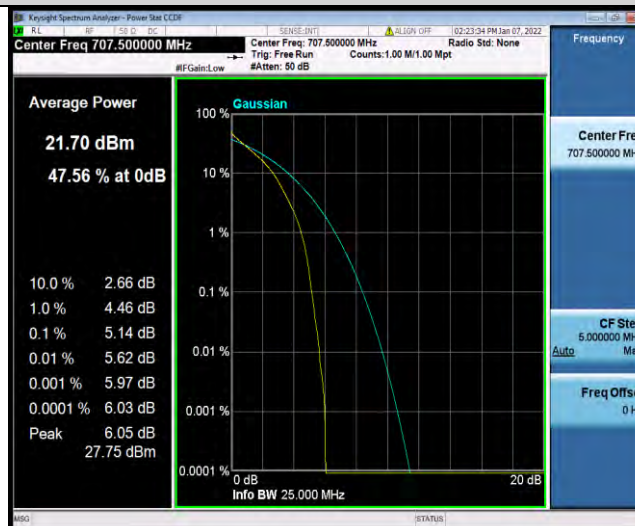


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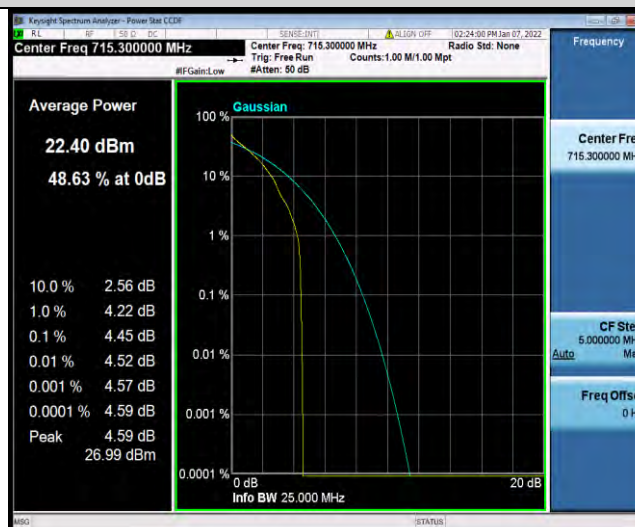
Test Report No.: W7L-P22010007RF04



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



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

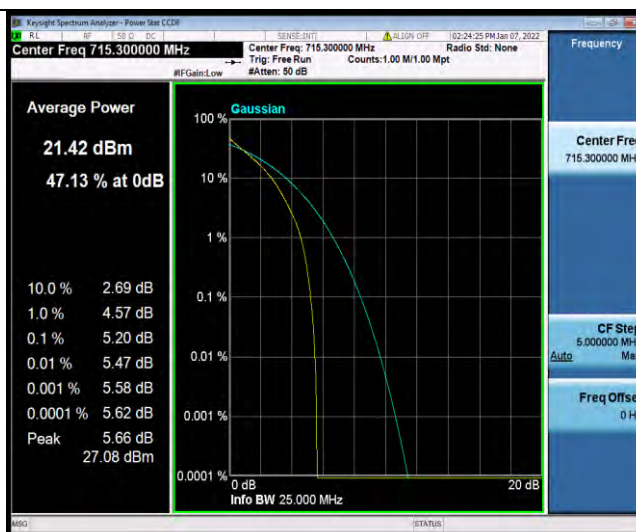


Band12-1.4MHz-QPSK-23173-6RB#0

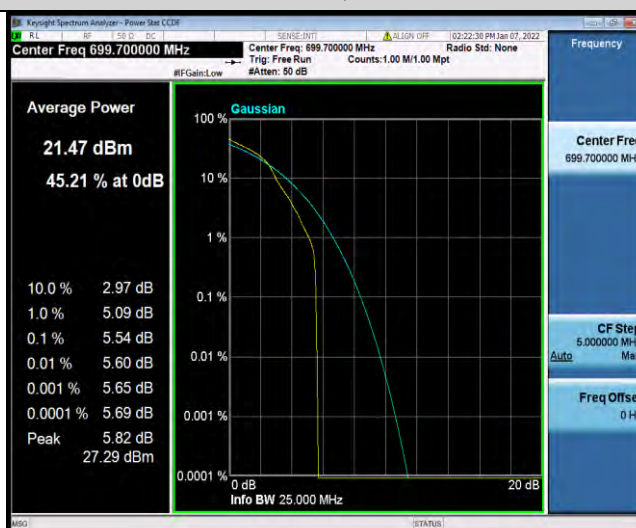


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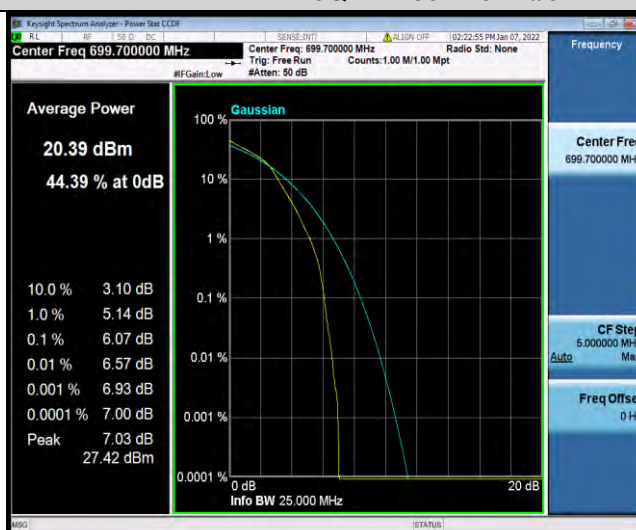
Test Report No.: W7L-P22010007RF04



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



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

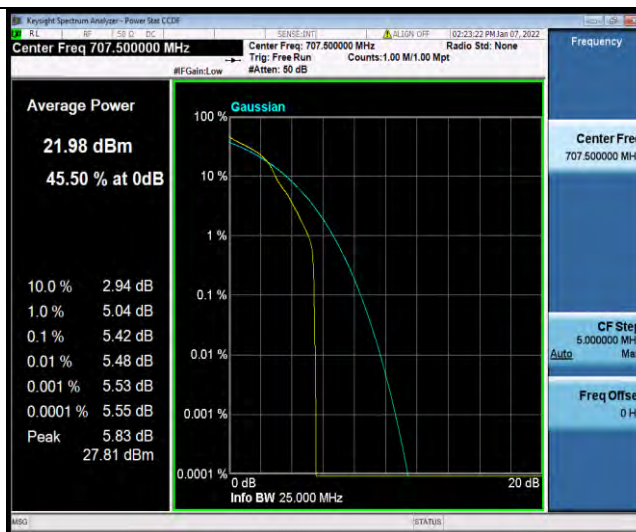


Band12-1.4MHz-16QAM-23095-1RB#0



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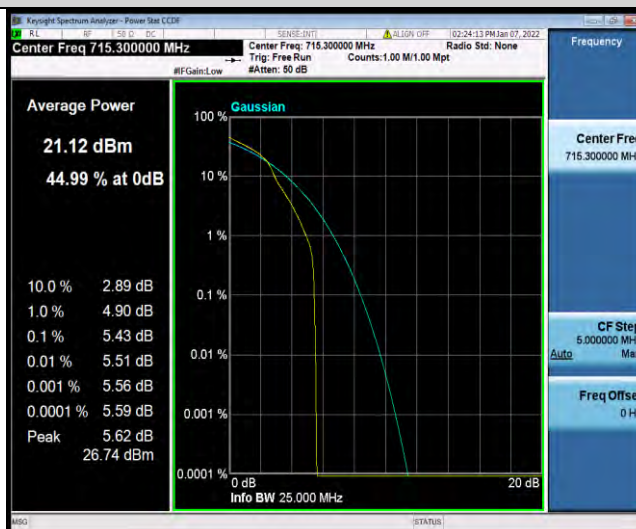
Test Report No.: W7L-P22010007RF04



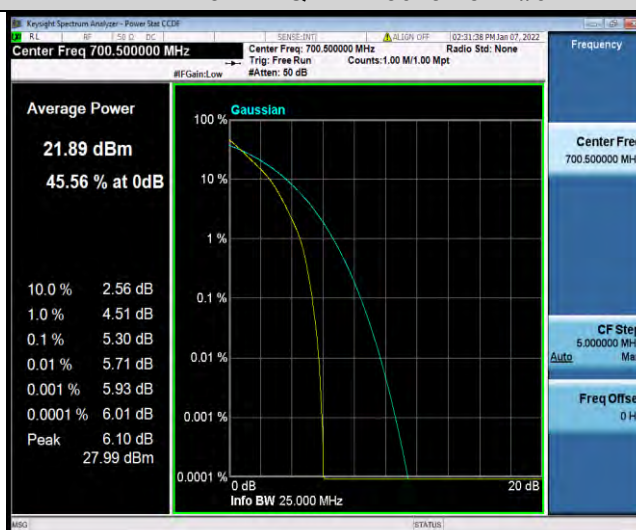
Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-1RB#0



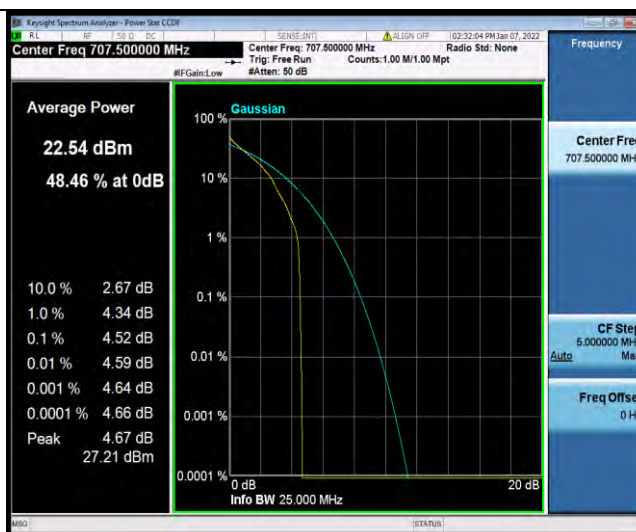
Band12-1.4MHz-16QAM-23173-6RB#0



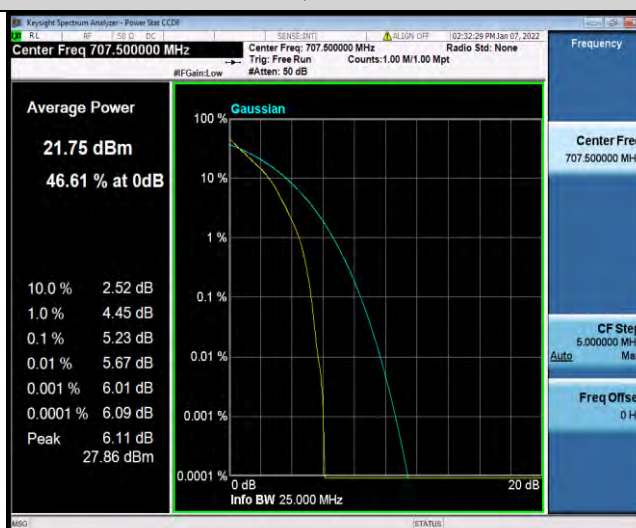


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VERITAS

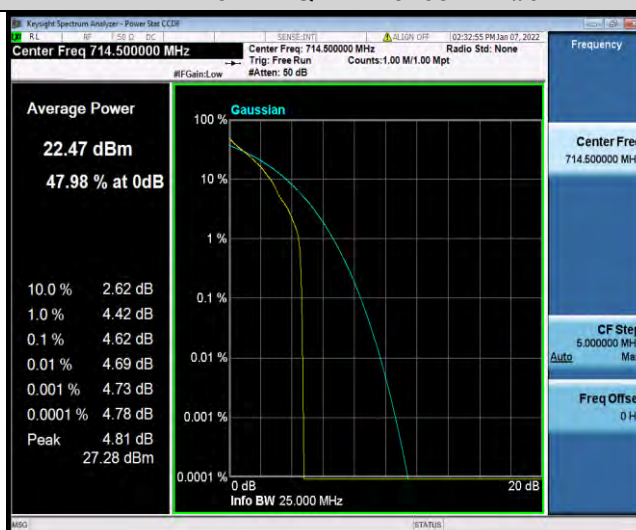
Test Report No.: W7L-P22010007RF04



Band12-3MHz-QPSK-23095-15RB#0



Band12-3MHz-QPSK-23165-1RB#0

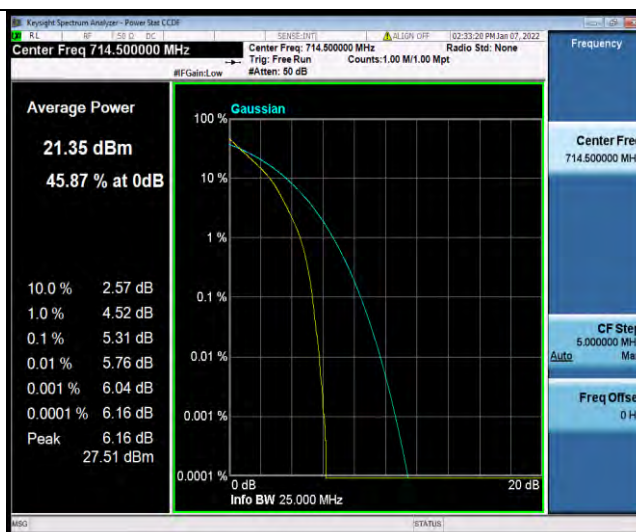


Band12-3MHz-QPSK-23165-15RB#0



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VERITAS

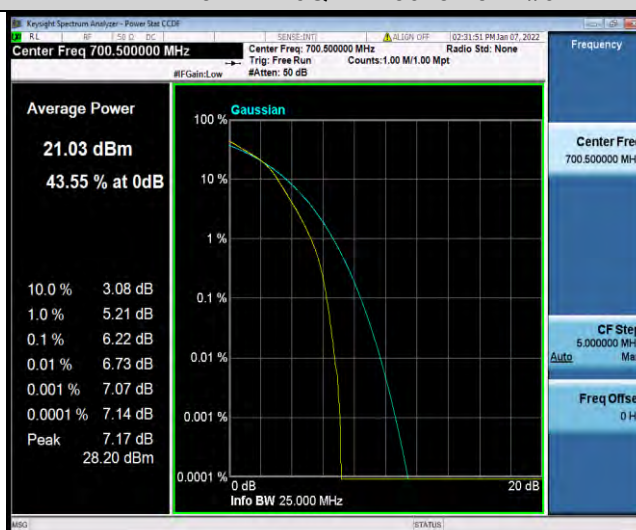
Test Report No.: W7L-P22010007RF04



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



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

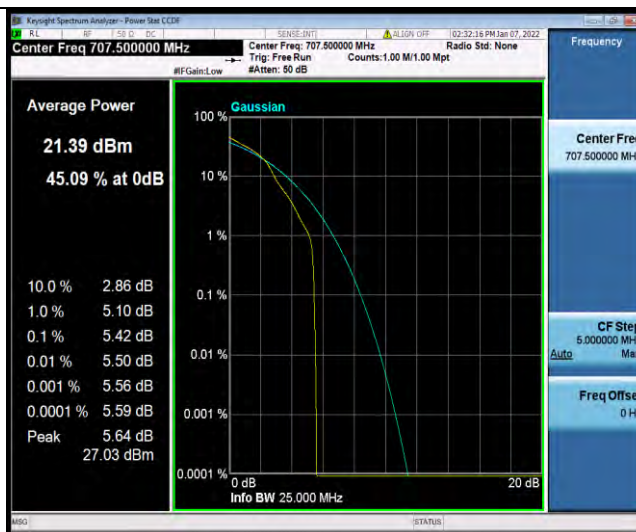


Band12-3MHz-16QAM-23095-1RB#0

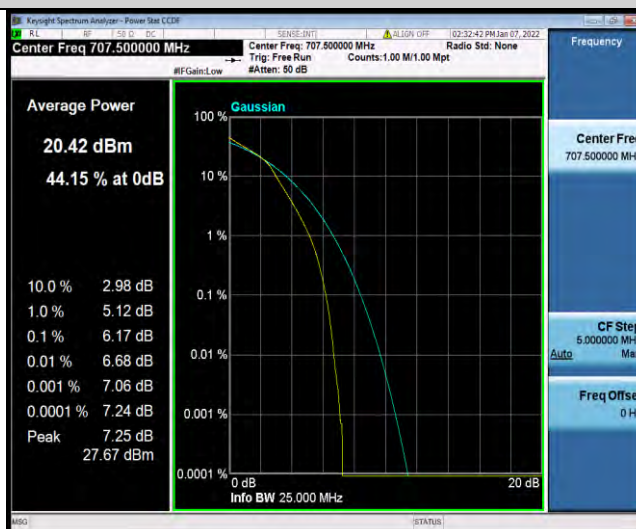


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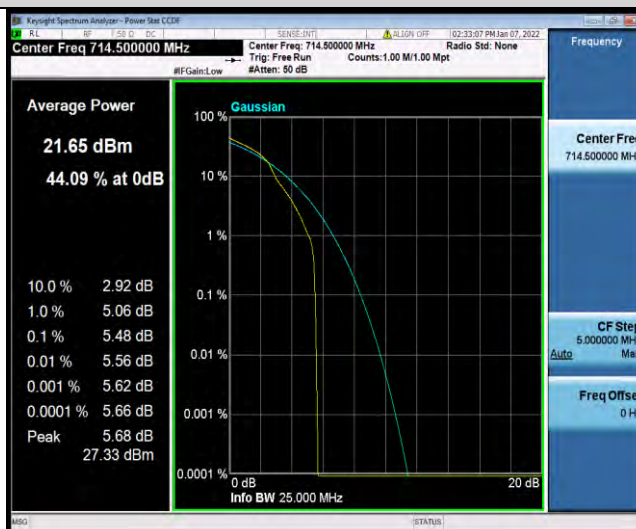
Test Report No.: W7L-P22010007RF04



Band12-3MHz-16QAM-23095-15RB#0



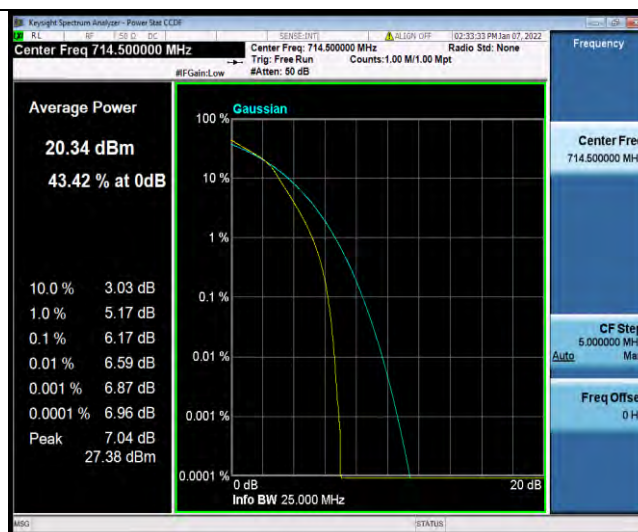
Band12-3MHz-16QAM-23165-1RB#0



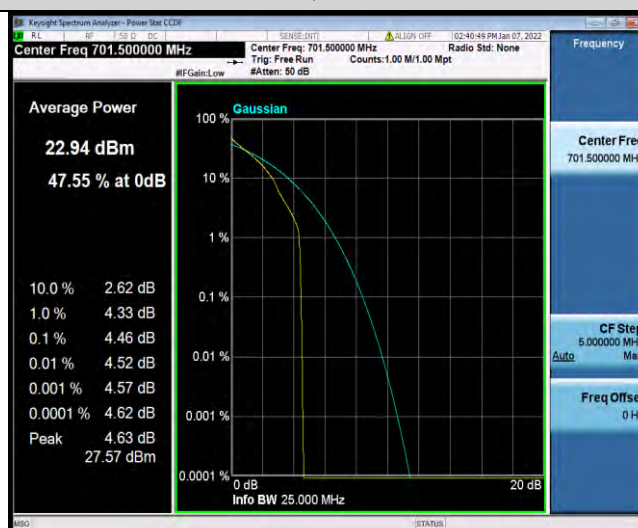
Band12-3MHz-16QAM-23165-15RB#0



Test Report No.: W7L-P22010007RF04



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



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

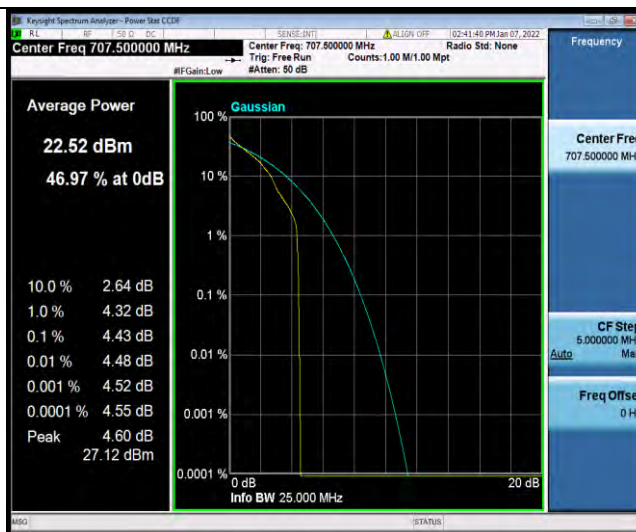


Band12-5MHz-QPSK-23095-1RB#0

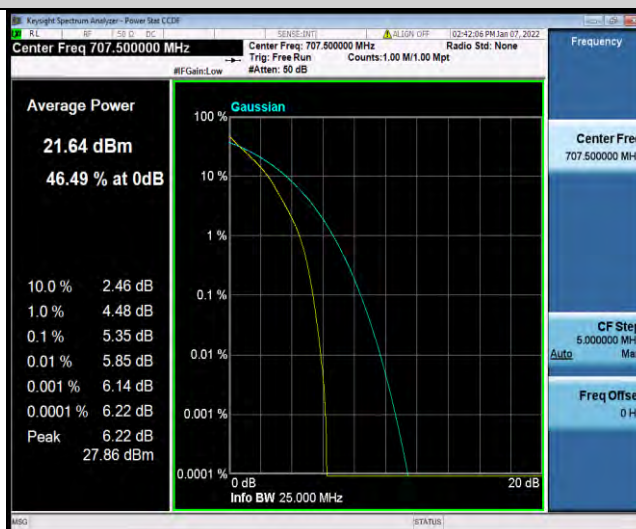


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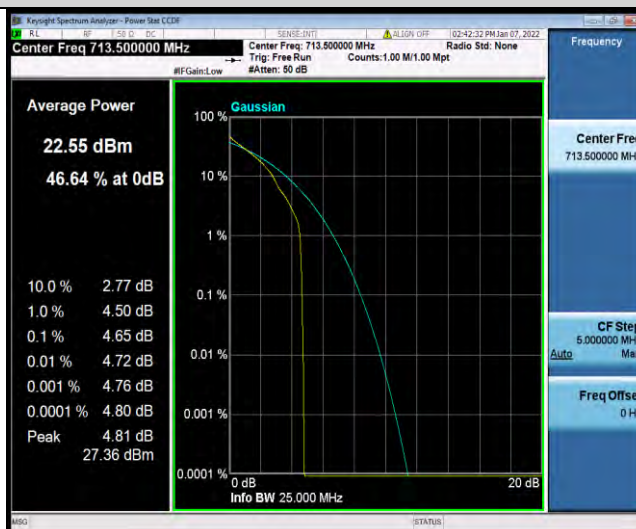
Test Report No.: W7L-P22010007RF04



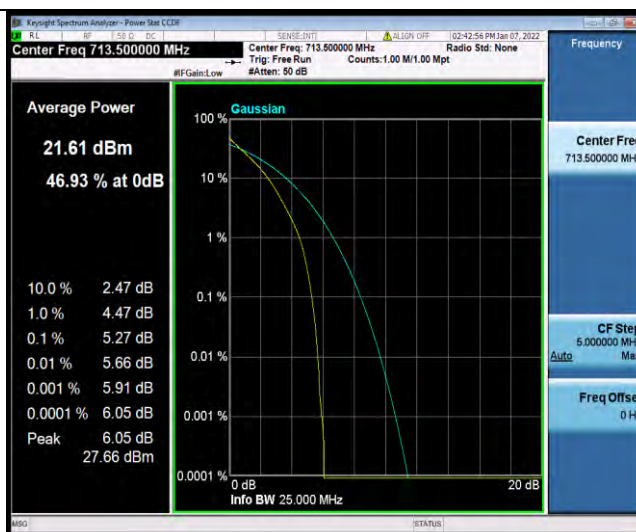
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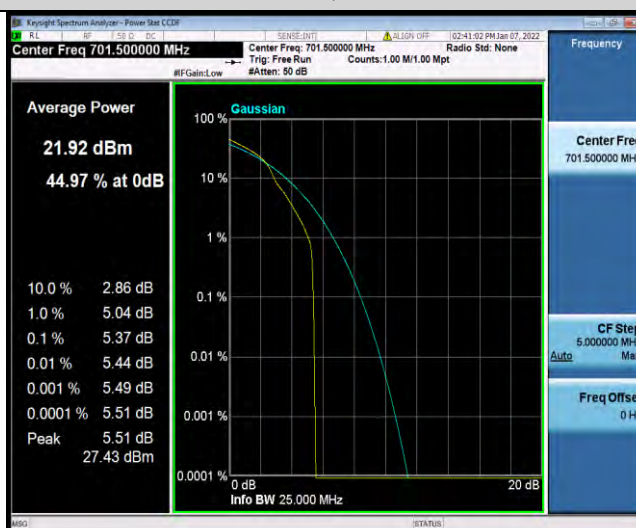
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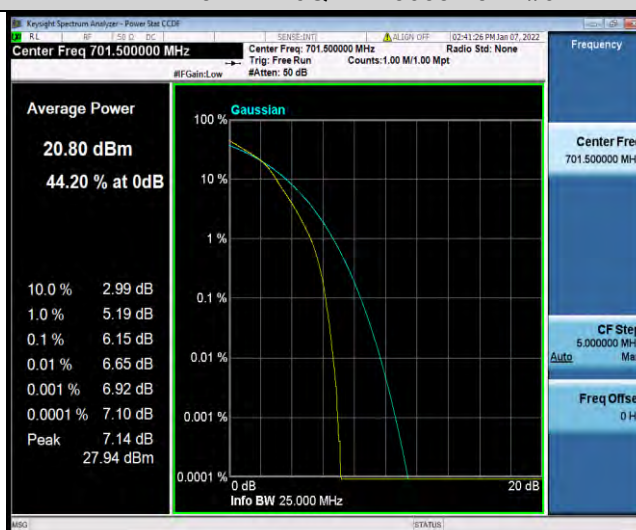
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Band12-5MHz-16QAM-23035-1RB#0



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

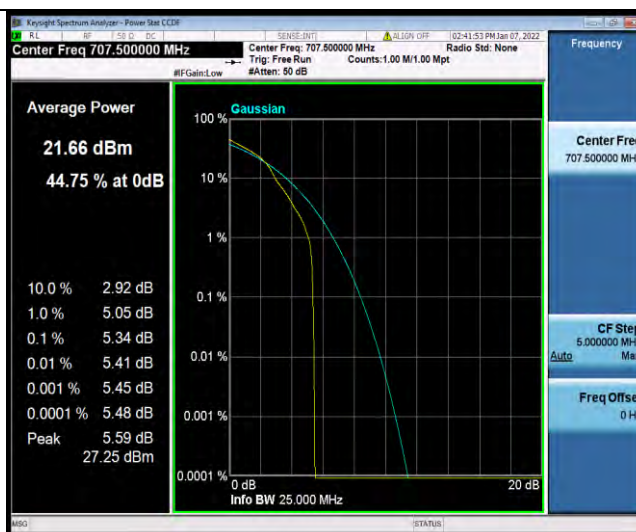


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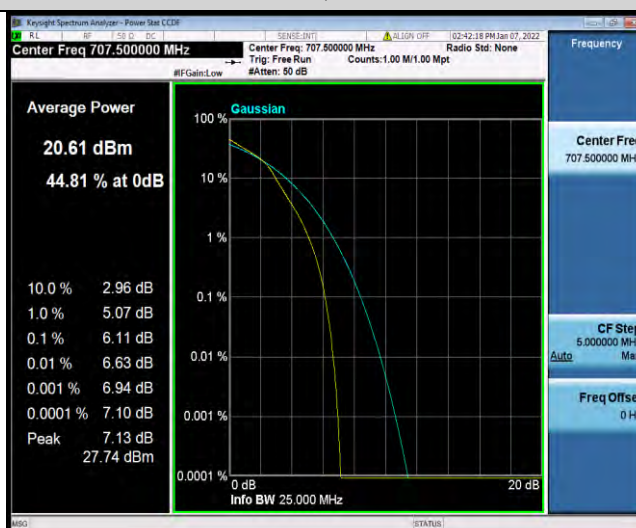


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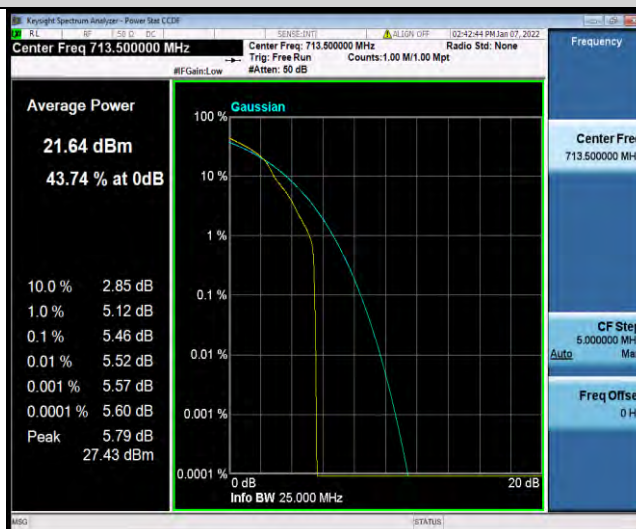
Test Report No.: W7L-P22010007RF04



Band12-5MHz-16QAM-23095-25RB#0



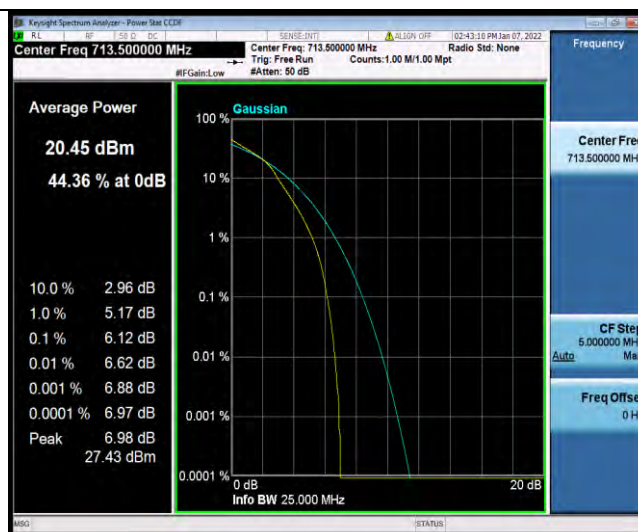
Band12-5MHz-16QAM-23155-1RB#0



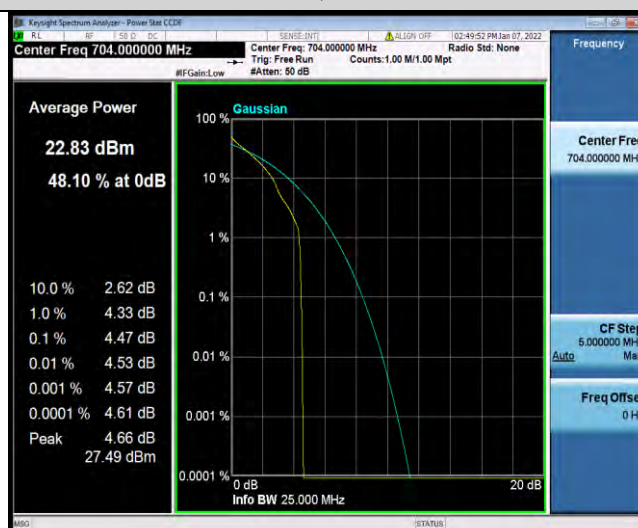
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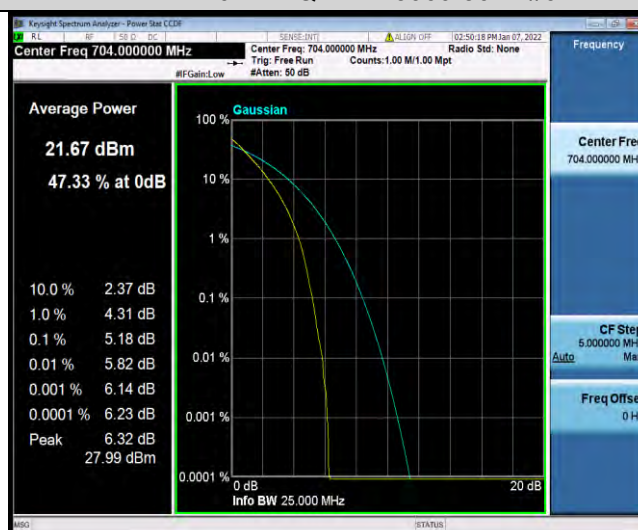
Test Report No.: W7L-P22010007RF04



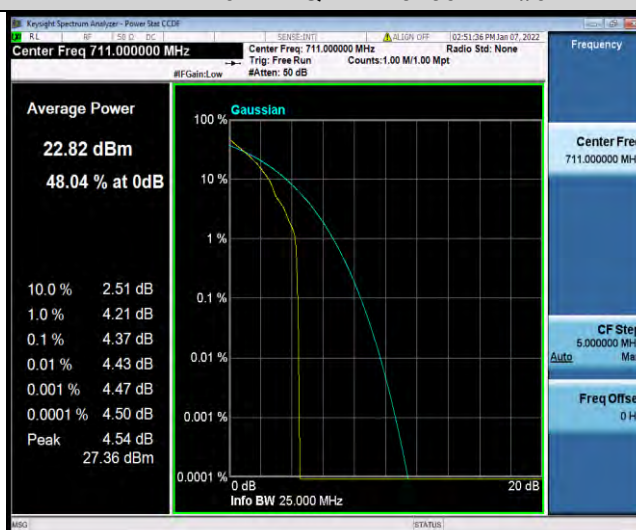
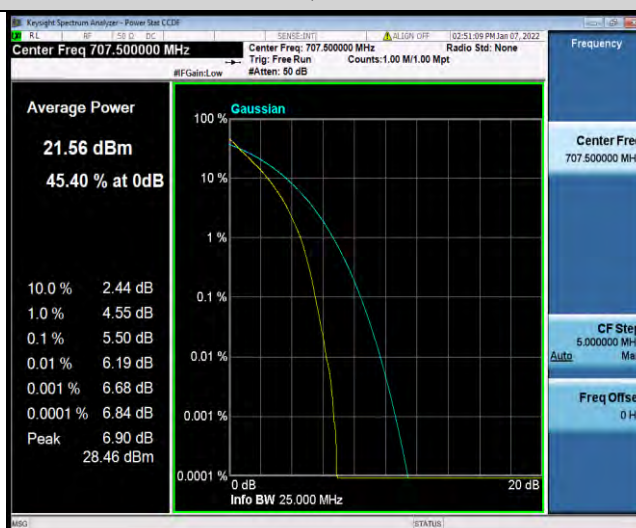
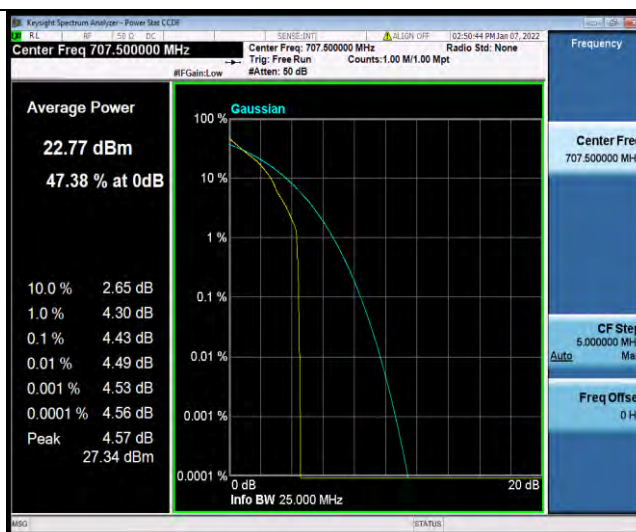
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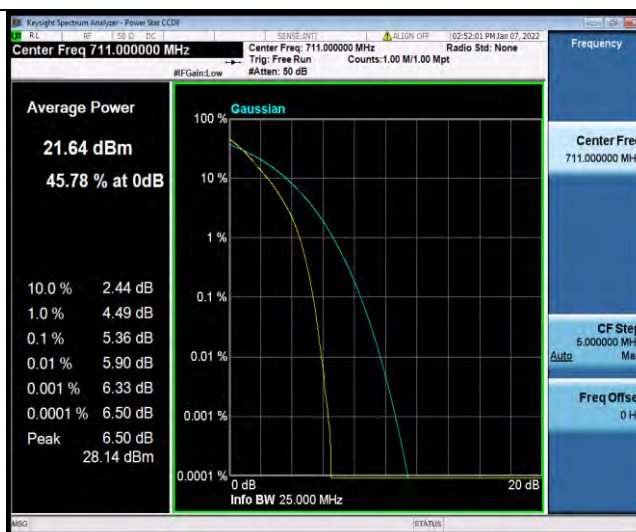


Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-1RB#0

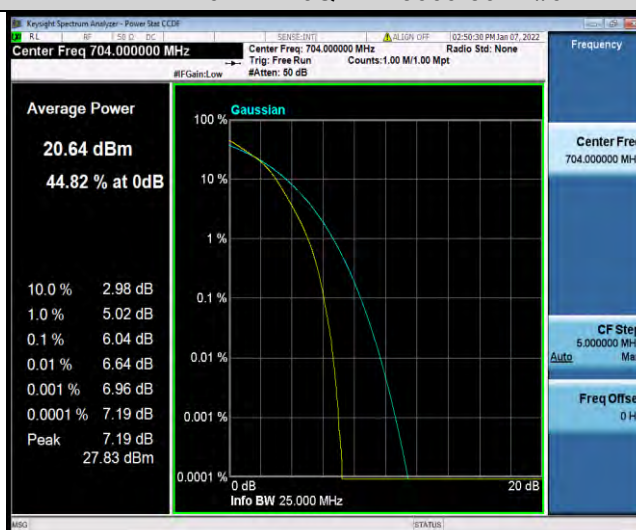




Band12-10MHz-16QAM-23060-1RB#0



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

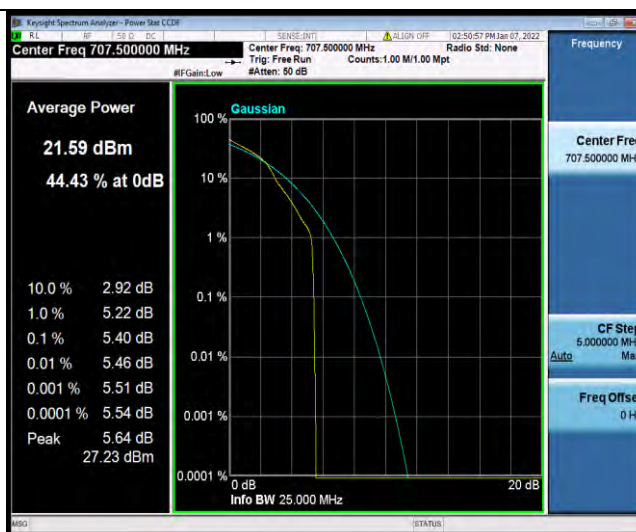


Band12-10MHz-16QAM-23095-1RB#0



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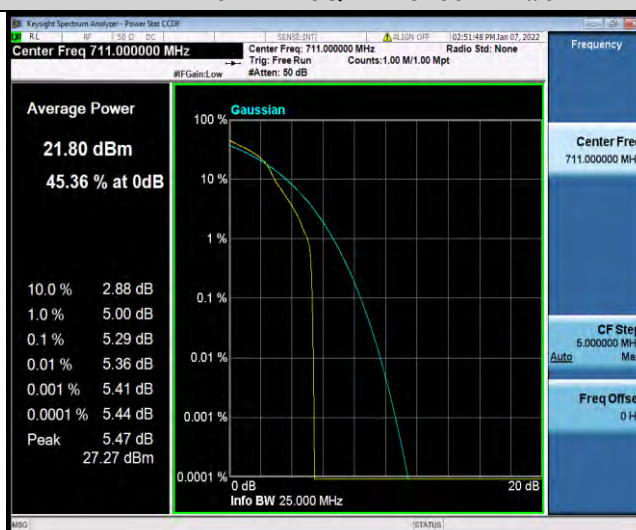
Test Report No.: W7L-P22010007RF04



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-1RB#0

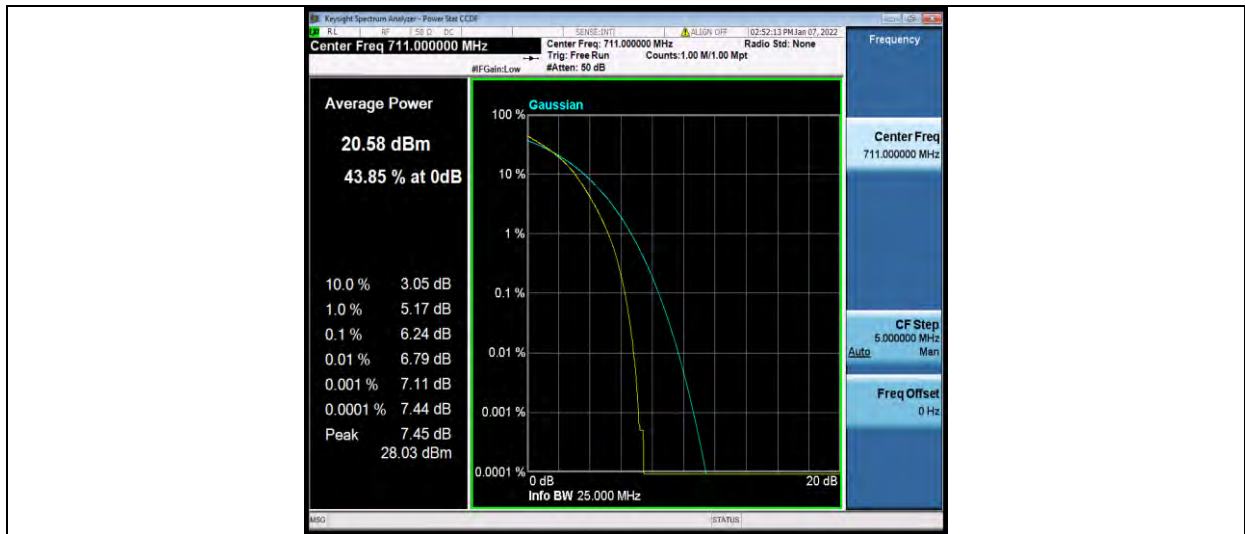


Band12-10MHz-16QAM-23130-50RB#0



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Test Report No.: W7L-P22010007RF04

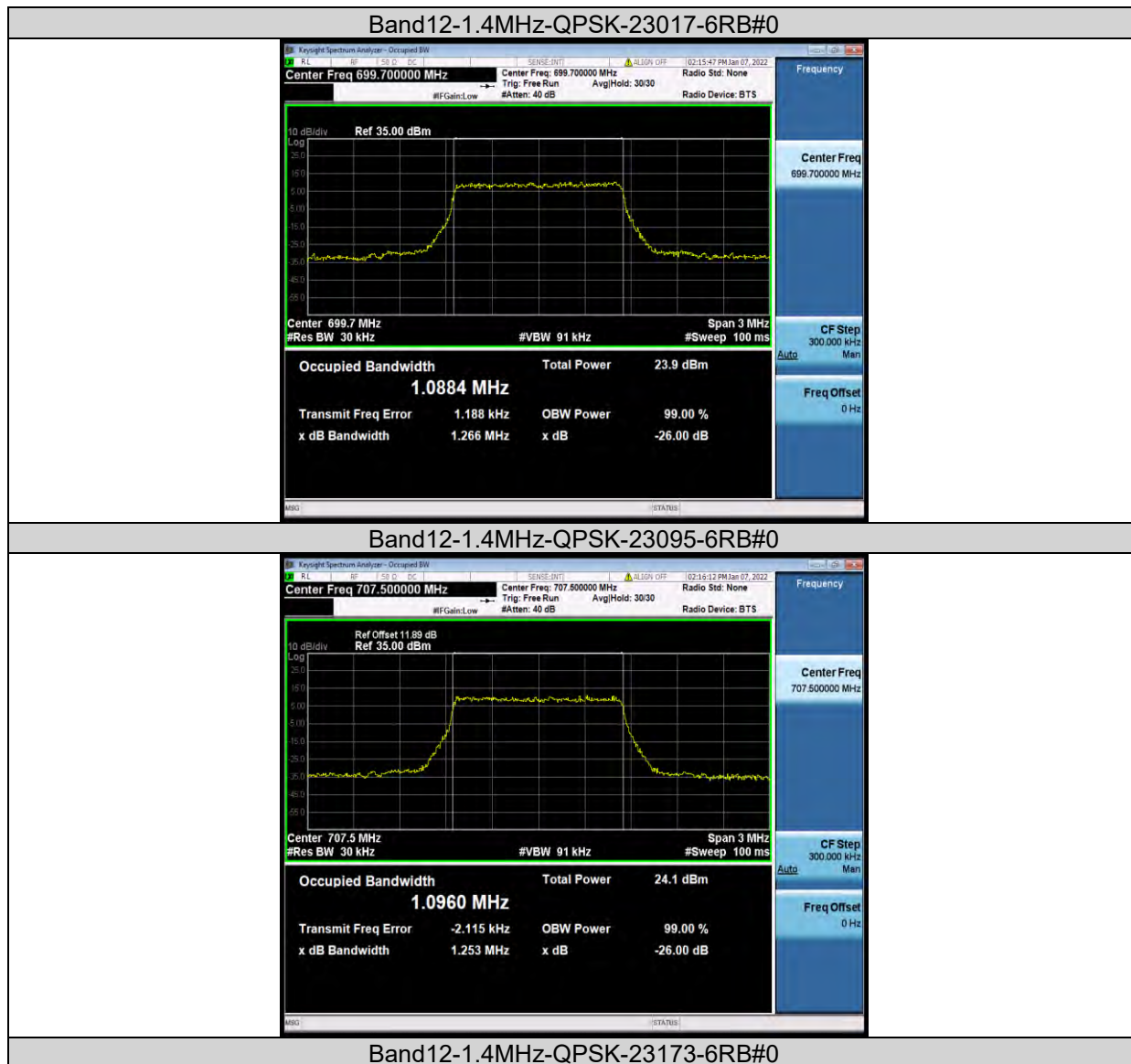


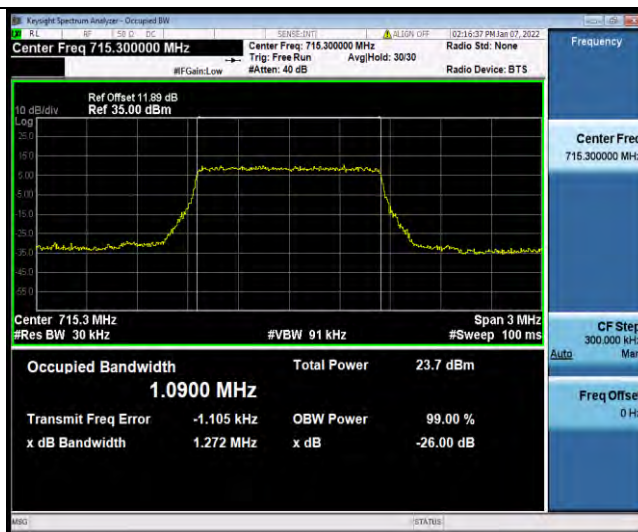
26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0884	1.266	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0960	1.253	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0900	1.272	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0921	1.264	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0920	1.265	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0922	1.241	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6907	2.901	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7018	2.917	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7017	2.914	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6924	2.911	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6970	2.912	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6974	2.915	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4947	4.888	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5049	4.892	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5003	4.863	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5020	4.876	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5092	4.918	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5038	4.881	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9424	9.513	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0010	9.572	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9726	9.519	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9281	9.523	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9975	9.596	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9775	9.534	PASS

Test Graphs





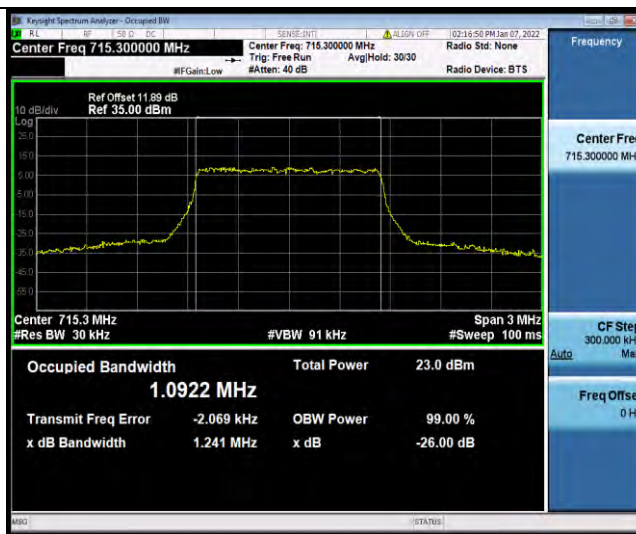
Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0



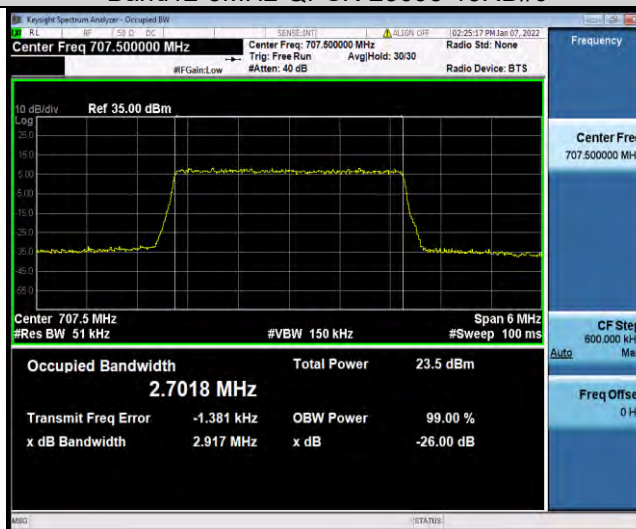
Band12-1.4MHz-16QAM-23173-6RB#0



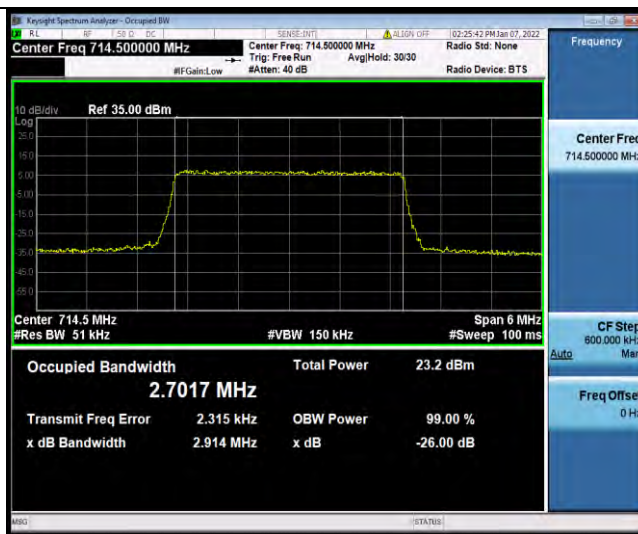
Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0



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



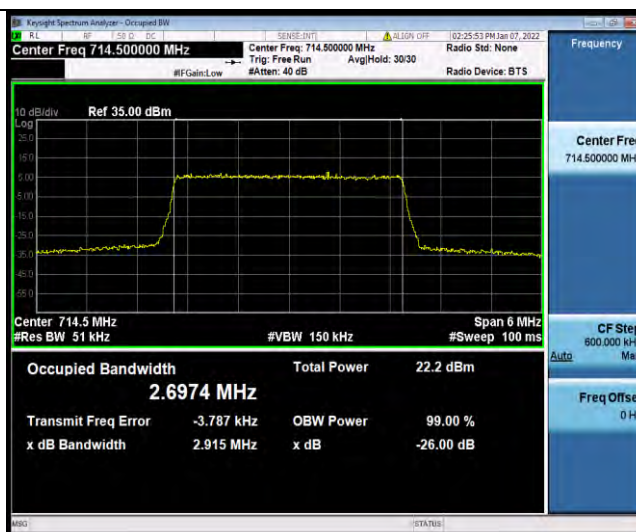
Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23095-15RB#0



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



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



Band12-5MHz-QPSK-23095-25RB#0



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



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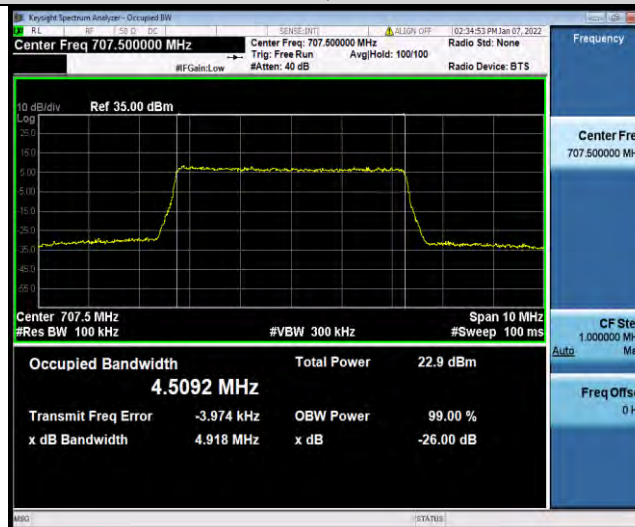
Test Report No.: W7L-P22010007RF04



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



Band12-5MHz-16QAM-23095-25RB#0



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



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



Band12-10MHz-QPSK-23095-50RB#0



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



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



Band12-10MHz-16QAM-23095-50RB#0



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



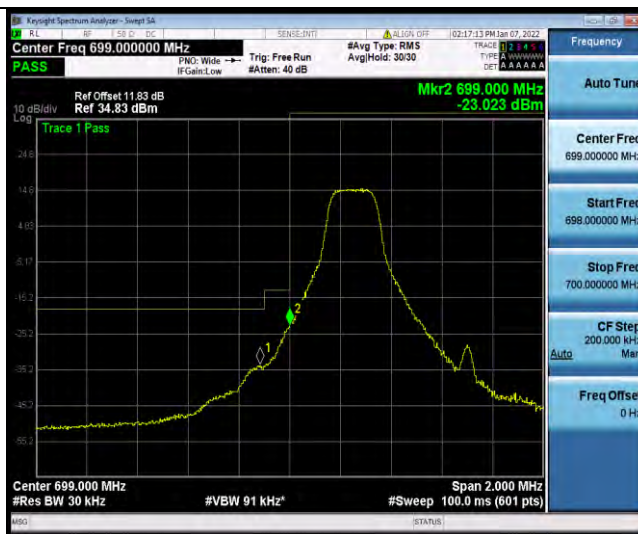
BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-34.01,-23.02	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-32.00,-28.19	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-23.74,-35.42	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-29.61,-34.47	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-34.01,-24.79	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.78,-28.34	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-24.21,-34.79	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-29.18,-32.36	PASS
Band12	3MHz	QPSK	23025	1RB#0	-31.23,-19.62	PASS
Band12	3MHz	QPSK	23025	15RB#0	-32.71,-26.86	PASS
Band12	3MHz	QPSK	23165	1RB#14	-20.11,-32.25	PASS
Band12	3MHz	QPSK	23165	15RB#0	-27.56,-34.56	PASS
Band12	3MHz	16QAM	23025	1RB#0	-32.13,-20.51	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.80,-28.10	PASS
Band12	3MHz	16QAM	23165	1RB#14	-20.94,-33.63	PASS
Band12	3MHz	16QAM	23165	15RB#0	-28.13,-33.12	PASS
Band12	5MHz	QPSK	23035	1RB#0	-18.63	PASS
Band12	5MHz	QPSK	23035	25RB#0	-27.25	PASS
Band12	5MHz	QPSK	23155	1RB#24	-18.80	PASS
Band12	5MHz	QPSK	23155	25RB#0	-26.97	PASS
Band12	5MHz	16QAM	23035	1RB#0	-19.15	PASS
Band12	5MHz	16QAM	23035	25RB#0	-27.68	PASS
Band12	5MHz	16QAM	23155	1RB#24	-20.01	PASS
Band12	5MHz	16QAM	23155	25RB#0	-26.89	PASS
Band12	10MHz	QPSK	23060	1RB#0	-33.63,-26.38	PASS
Band12	10MHz	QPSK	23060	50RB#0	-32.73,-30.61	PASS
Band12	10MHz	QPSK	23130	1RB#49	-26.16,-34.48	PASS
Band12	10MHz	QPSK	23130	50RB#0	-29.04,-30.59	PASS
Band12	10MHz	16QAM	23060	1RB#0	-33.69,-27.33	PASS
Band12	10MHz	16QAM	23060	50RB#0	-32.33,-30.80	PASS
Band12	10MHz	16QAM	23130	1RB#49	-26.59,-34.51	PASS
Band12	10MHz	16QAM	23130	50RB#0	-29.23,-30.30	PASS

Test Graphs

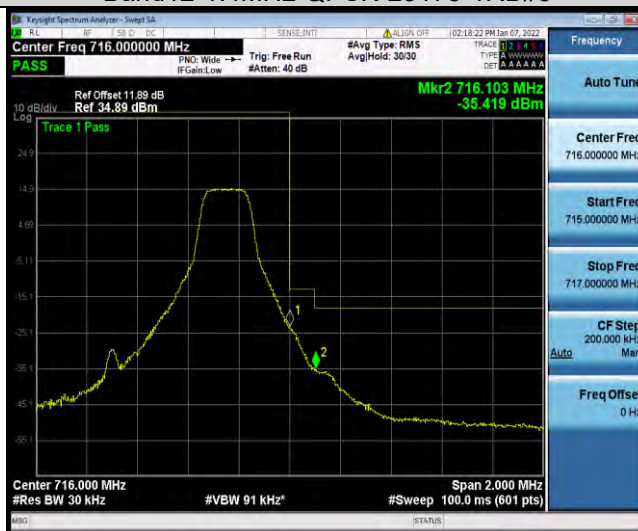
Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-6RB#0



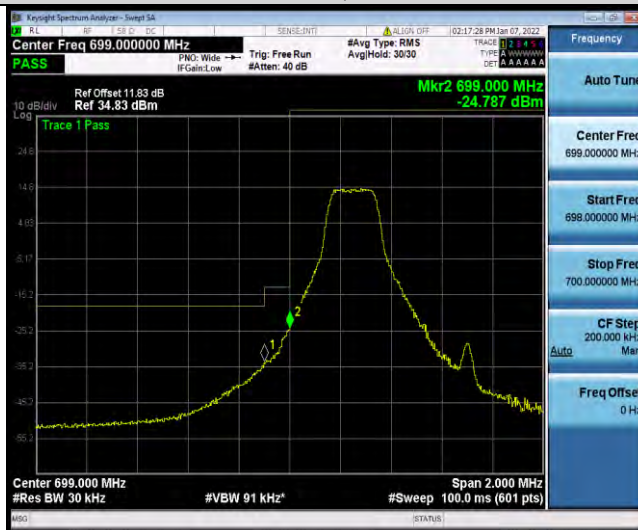
Band12-1.4MHz-QPSK-23173-1RB#5



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



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



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

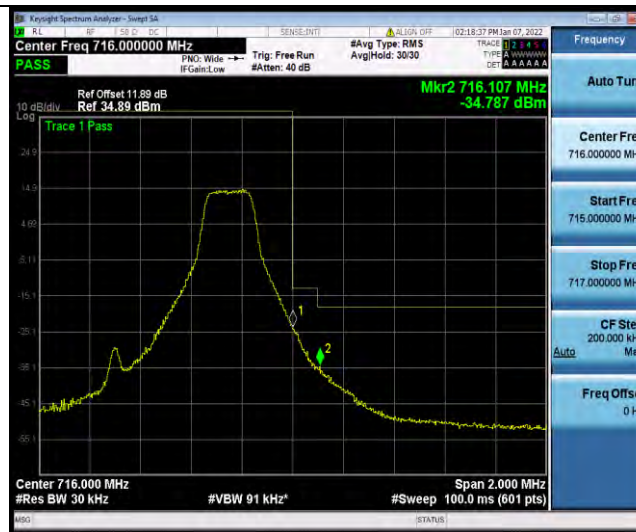


Band12-1.4MHz-16QAM-23173-1RB#5



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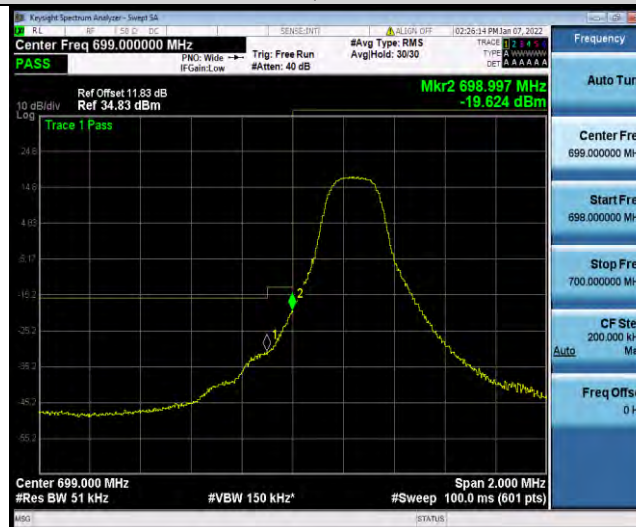
Test Report No.: W7L-P22010007RF04



Band12-1.4MHz-16QAM-23173-6RB#0



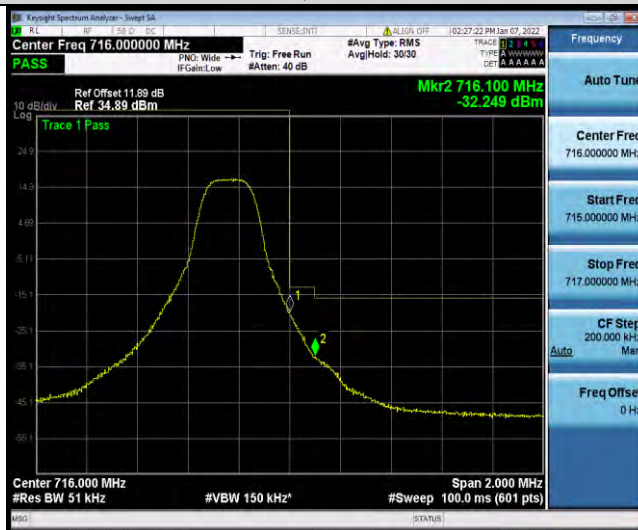
Band12-3MHz-QPSK-23025-1RB#0



Band12-3MHz-QPSK-23025-15RB#0



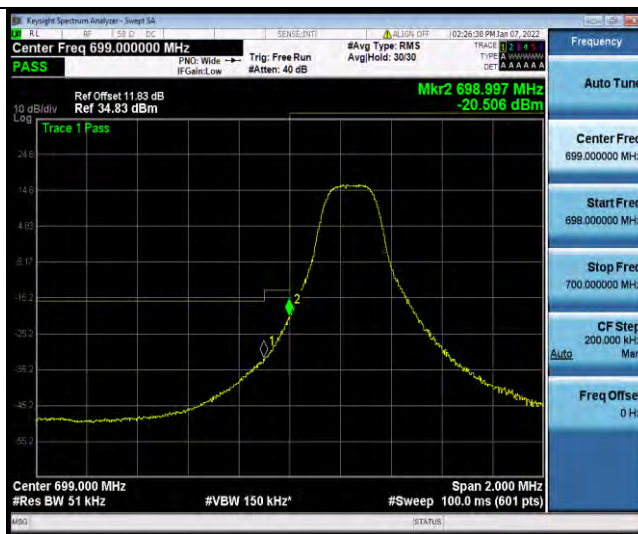
Band12-3MHz-QPSK-23165-1RB#14



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



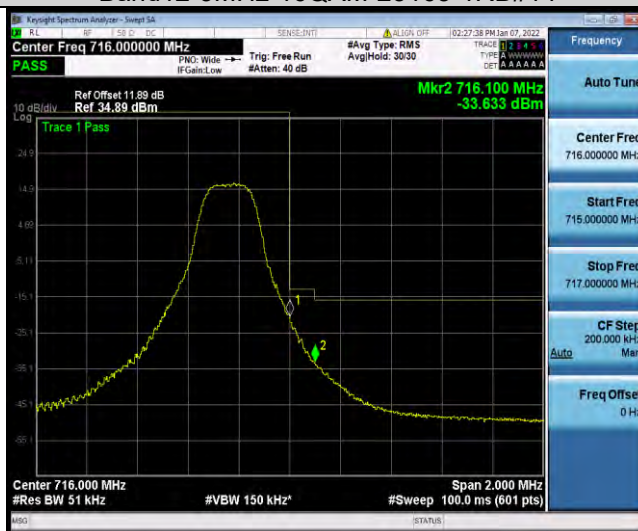
Band12-3MHz-16QAM-23025-1RB#0



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



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



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



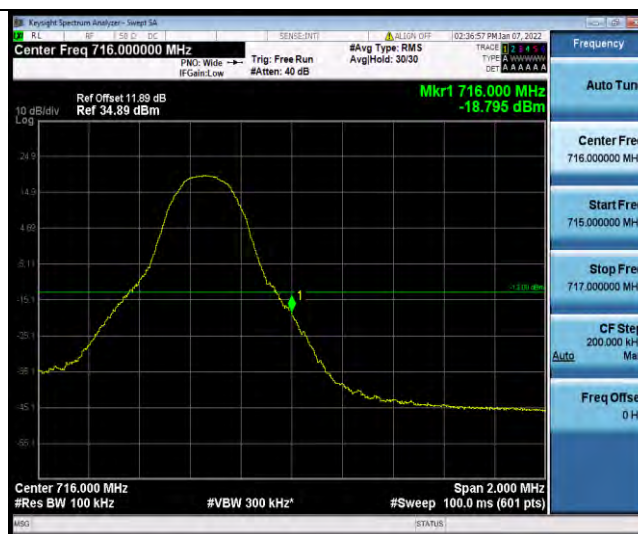
Band12-5MHz-QPSK-23035-1RB#0



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



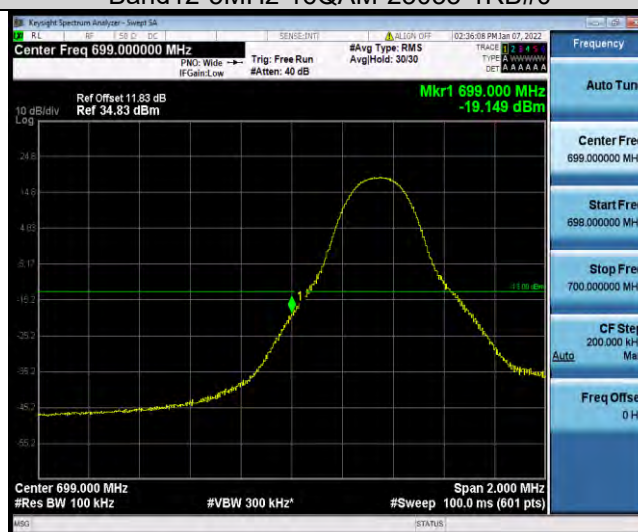
Band12-5MHz-QPSK-23155-1RB#24



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



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



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

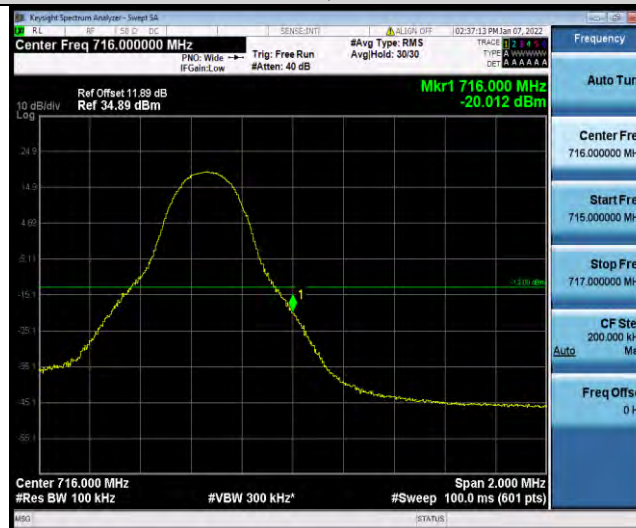


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Band12-5MHz-16QAM-23155-1RB#24



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



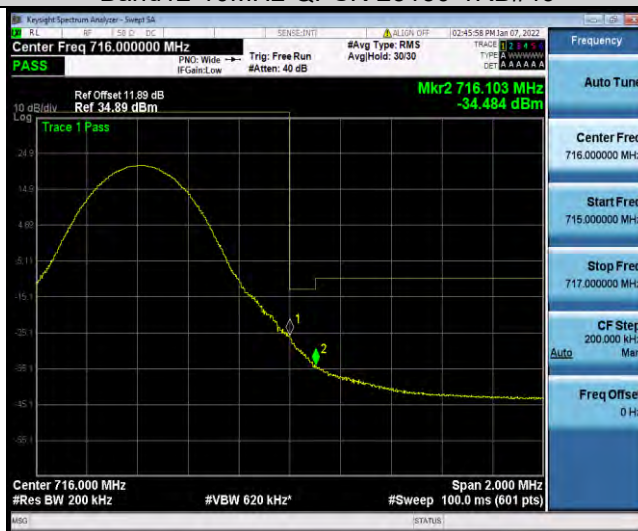
Band12-10MHz-QPSK-23060-1RB#0



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



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



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



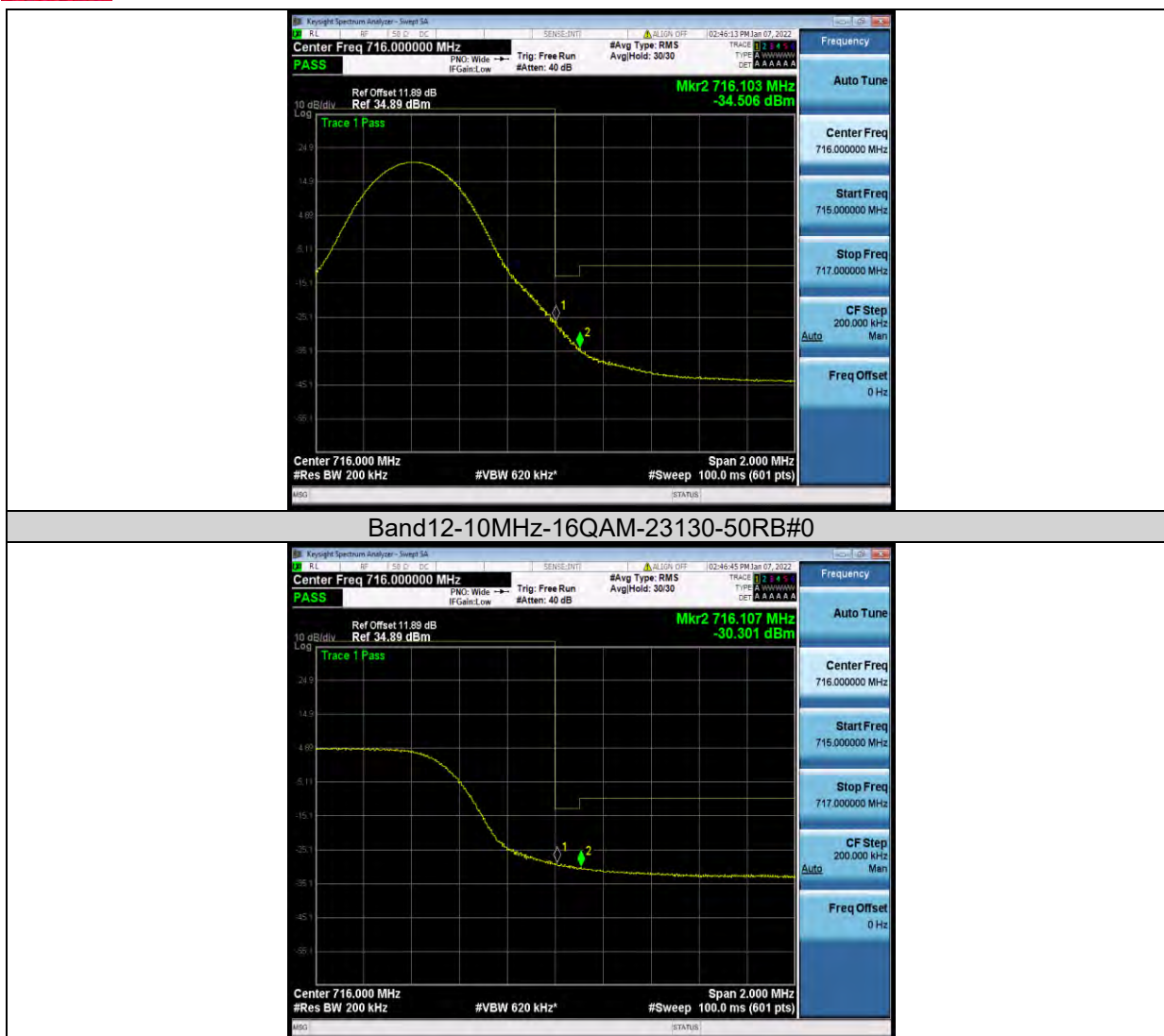
Band12-10MHz-16QAM-23060-1RB#0



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



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



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Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-49.67	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-34.66	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-50.73	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.35	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-50.55	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-35	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-50.5	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-35.12	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-50.74	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.22	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-50.54	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-35.16	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-50.42	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-35.05	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-50.24	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.7	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-50.8	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-35.27	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-49.48	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-34.33	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-49.69	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.57	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-49.7	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-35.49	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-50.13	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-35.03	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-50.36	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.46	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-50.32	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-35.04	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-50.94	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-34.17	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-50.93	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.01	PASS

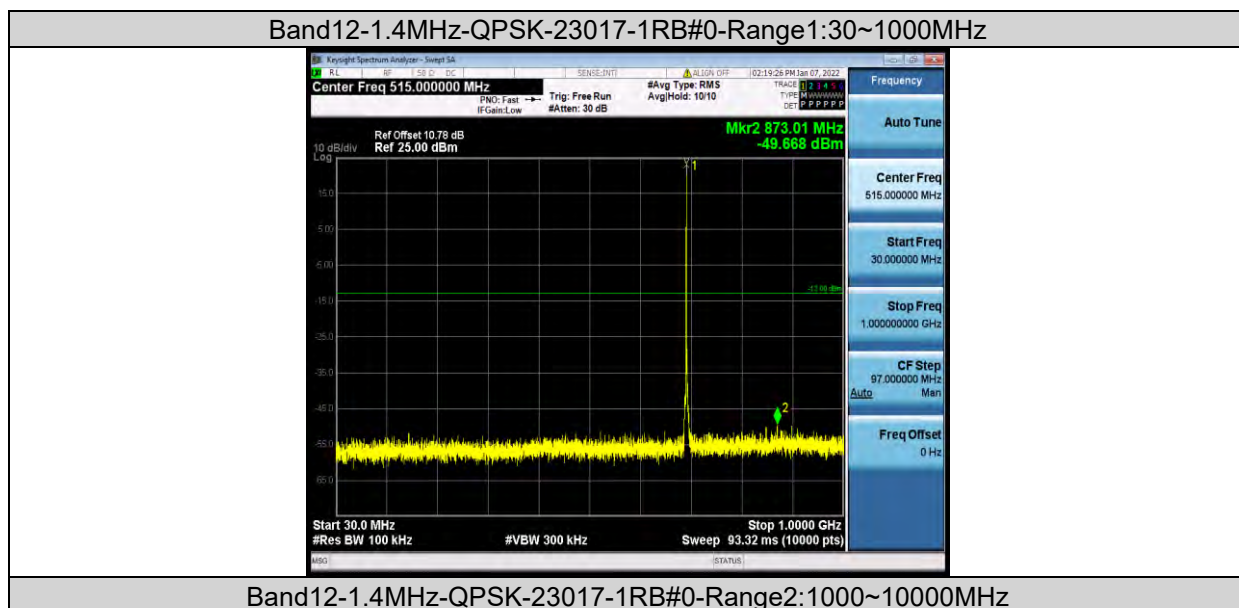


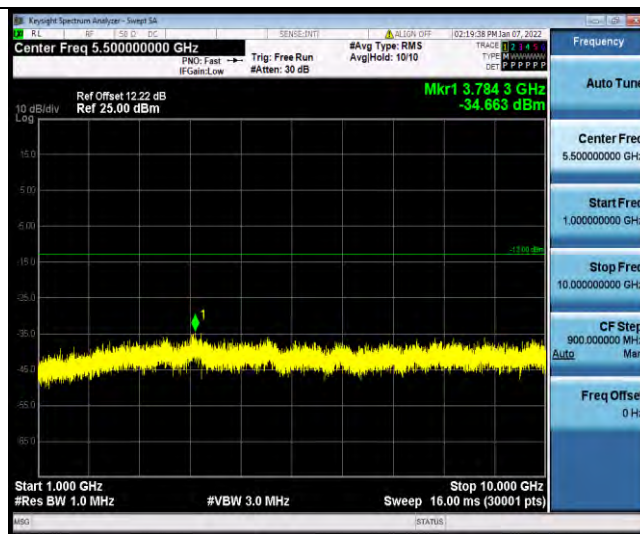
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Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-50.72	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-35.31	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-50.38	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-34.42	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-49.68	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.39	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-49.36	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-34.4	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-50.45	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-34.9	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-50.72	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.75	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-49.85	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-34.5	PASS

Test Graphs

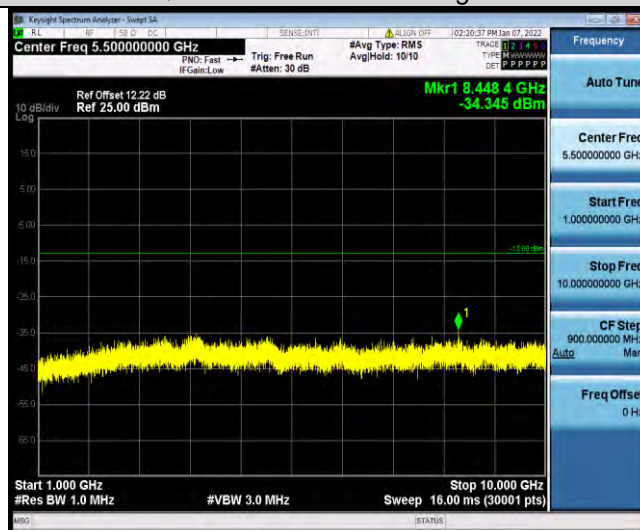




Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



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

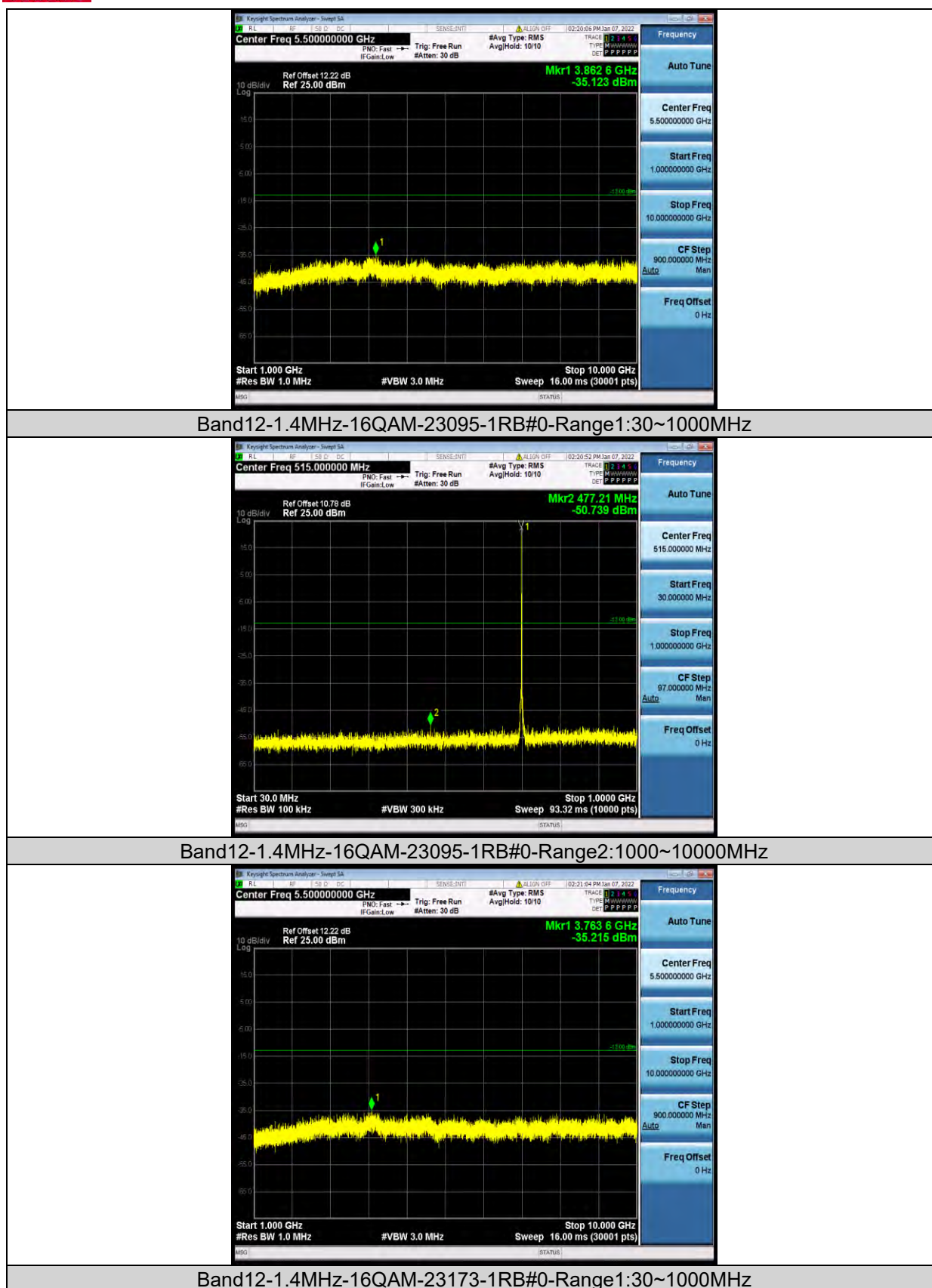


Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz





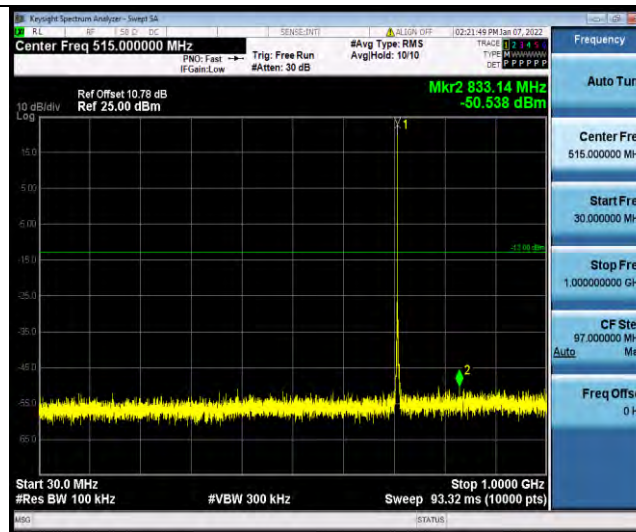
Test Report No.: W7L-P22010007RF04



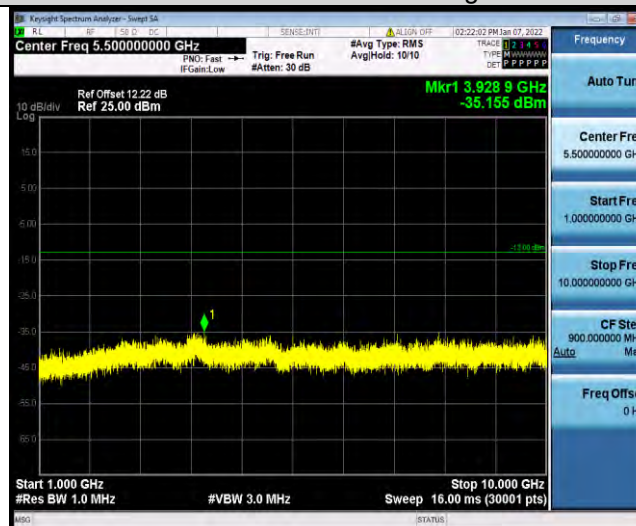


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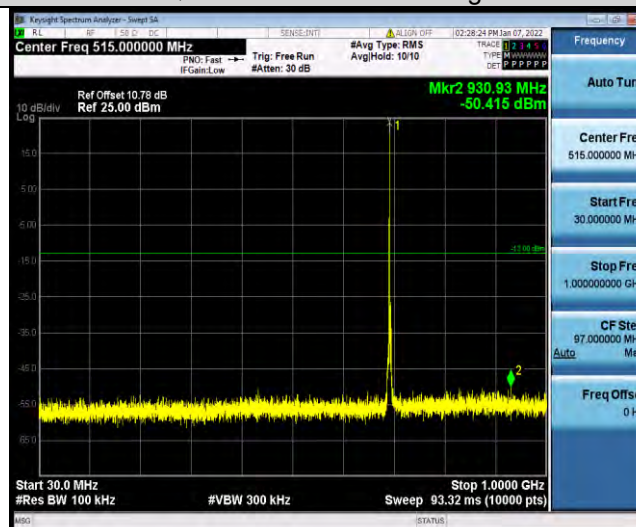
Test Report No.: W7L-P22010007RF04



Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



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

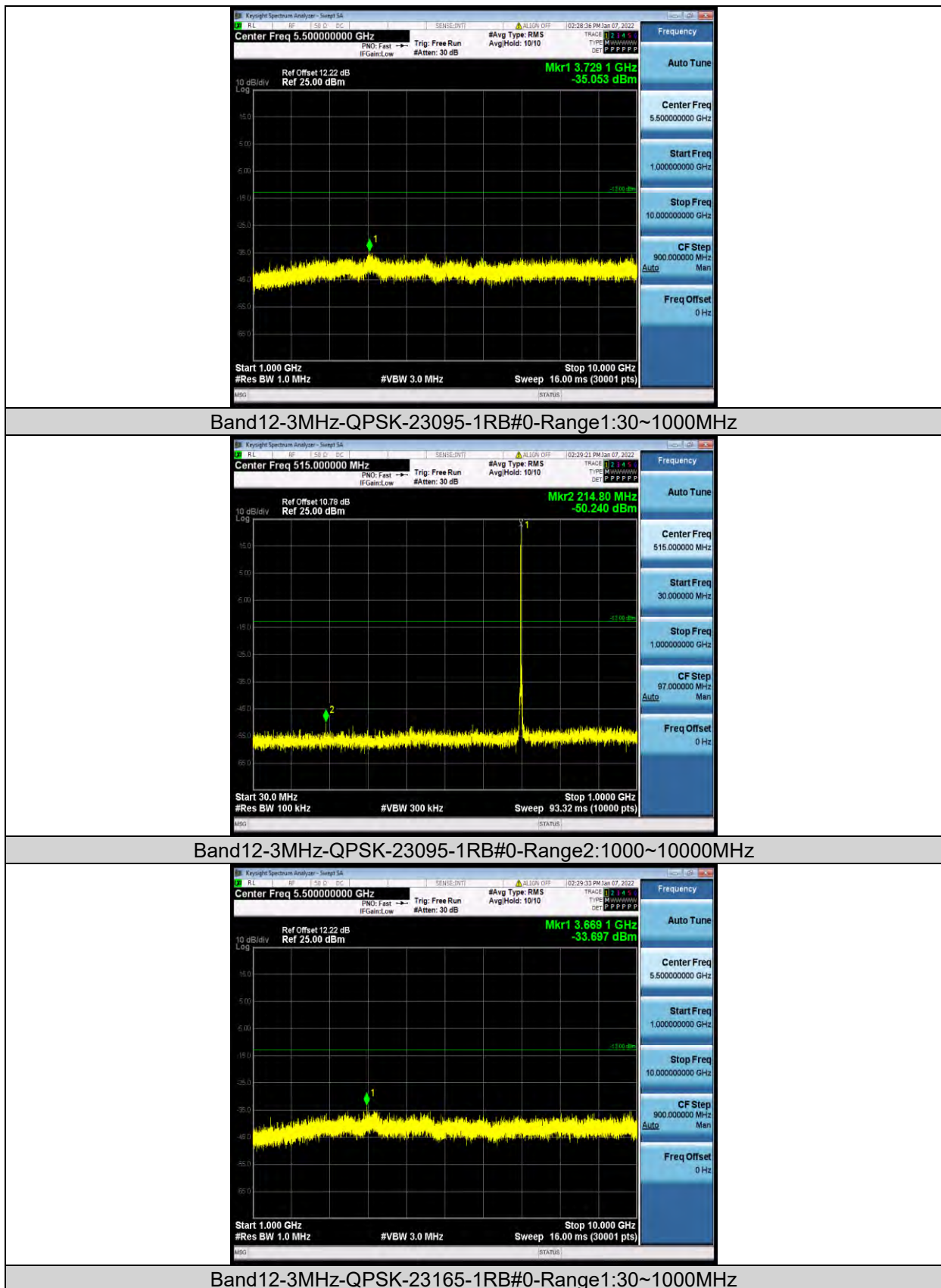


Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



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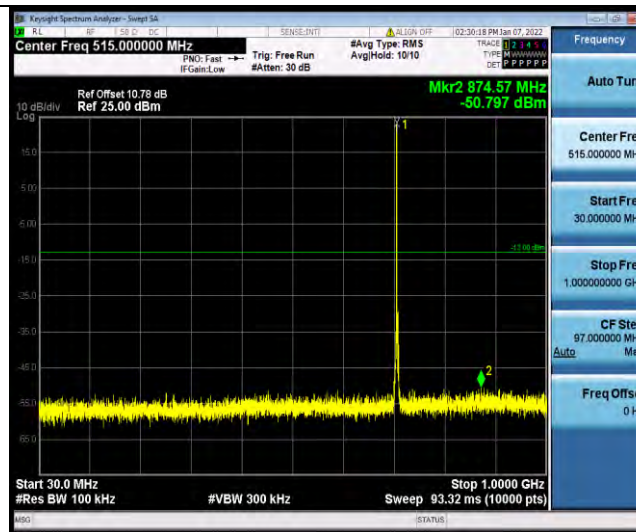
Test Report No.: W7L-P22010007RF04



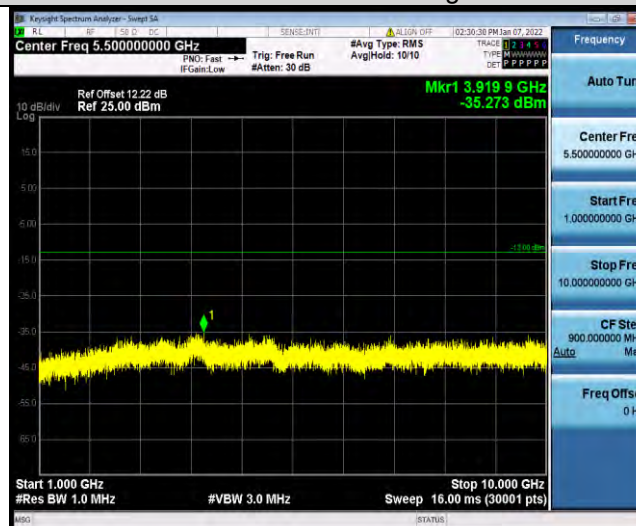


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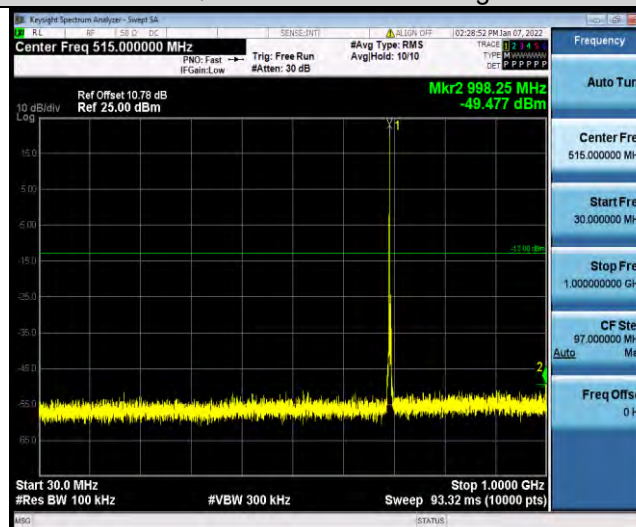
Test Report No.: W7L-P22010007RF04



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



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

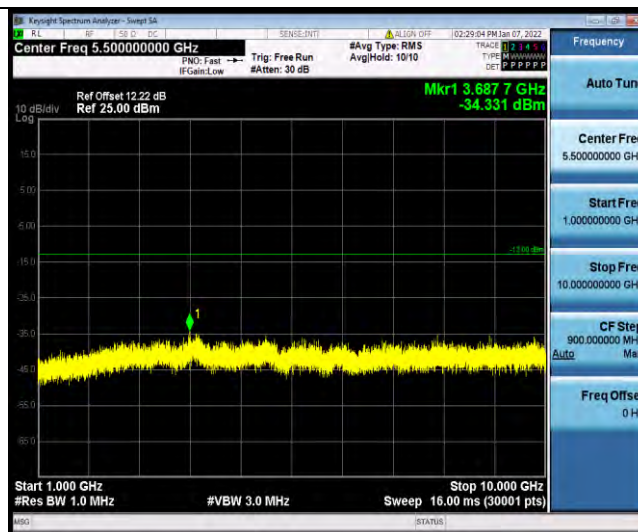


Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz

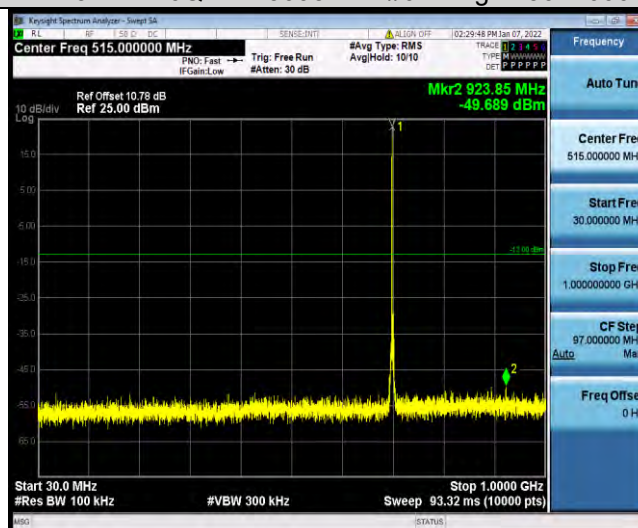


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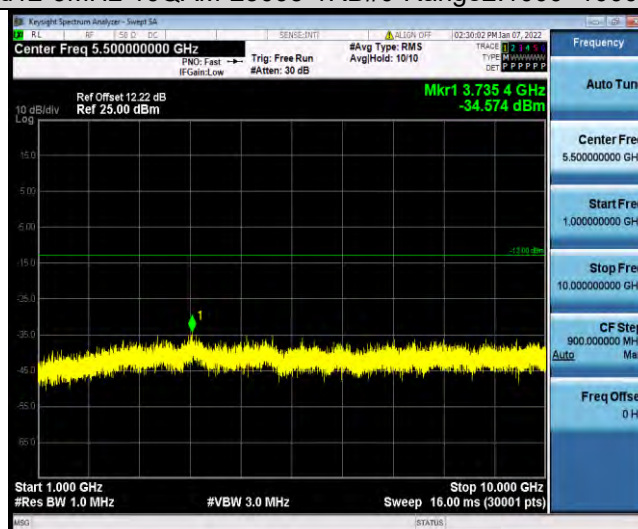
Test Report No.: W7L-P22010007RF04



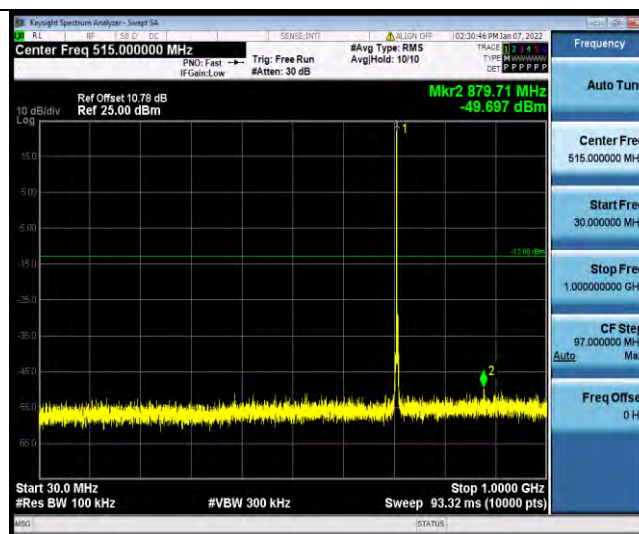
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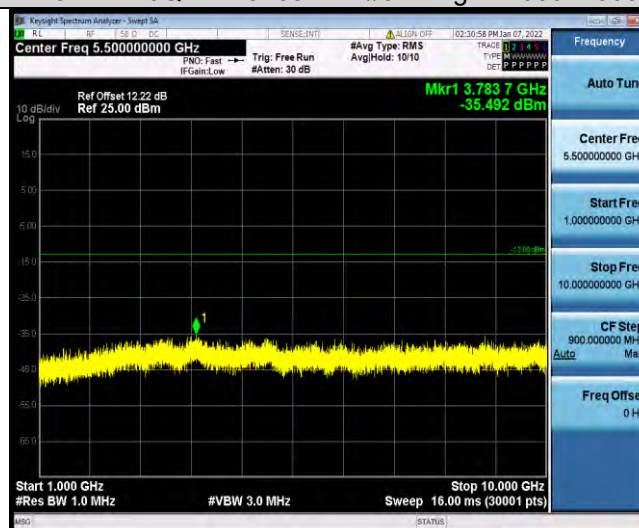
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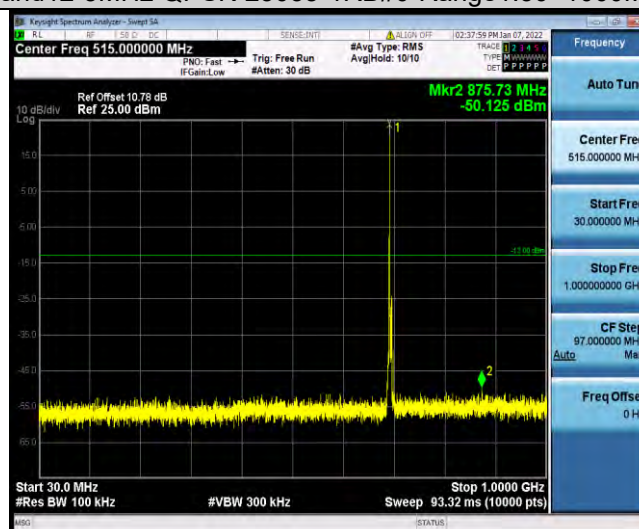
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



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



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

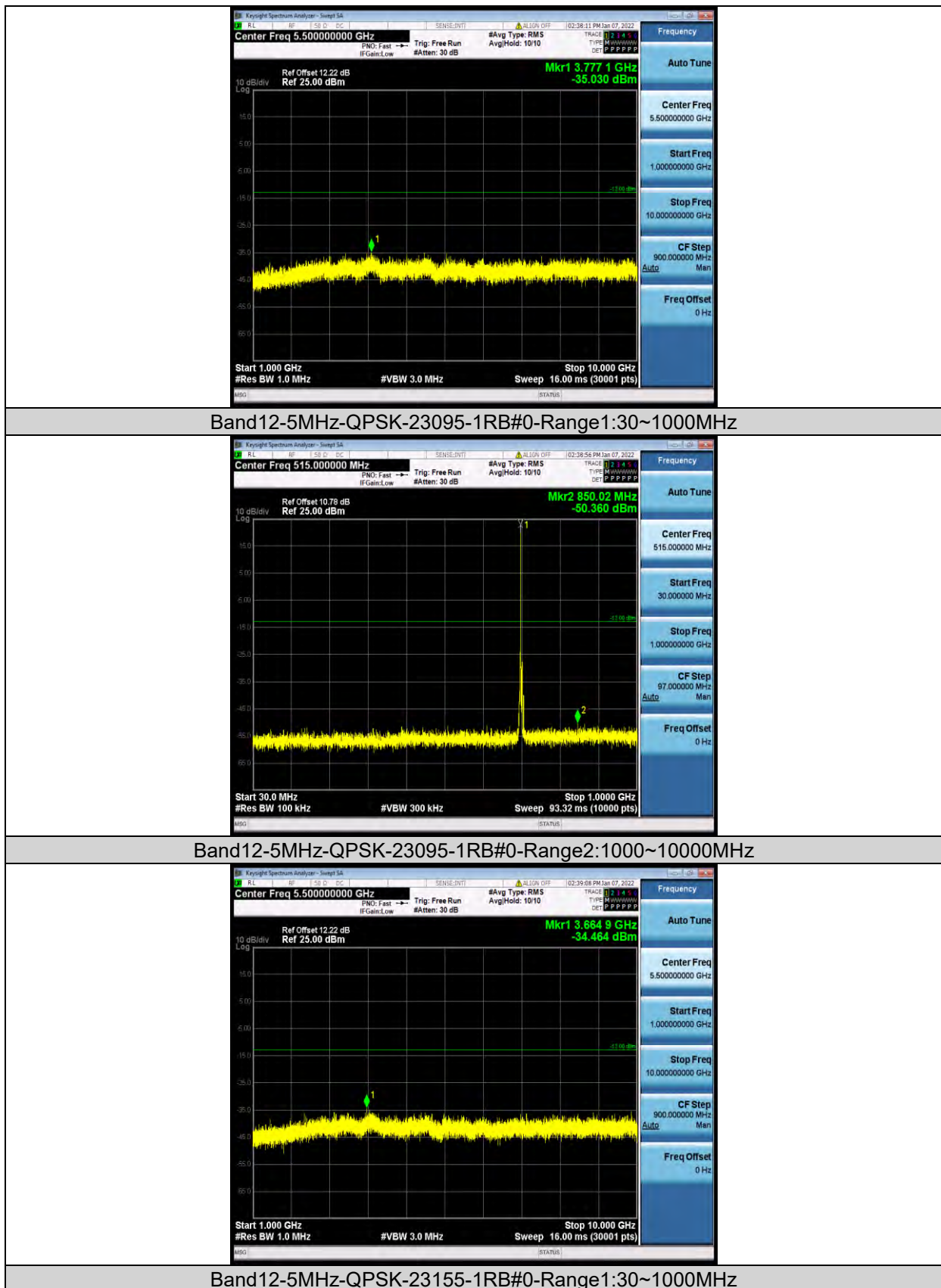


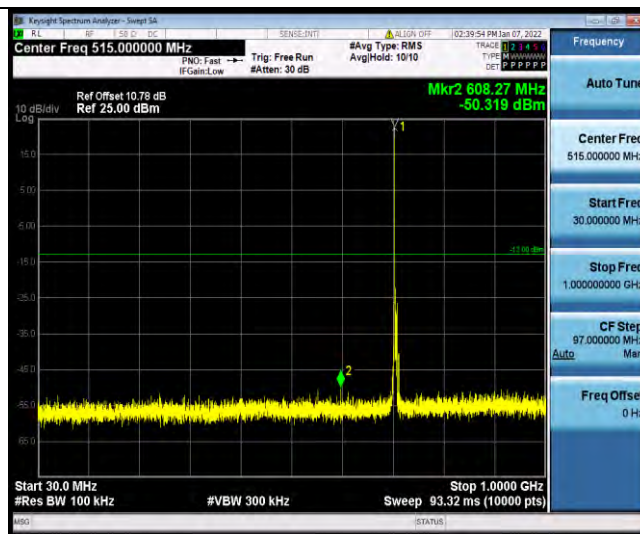
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



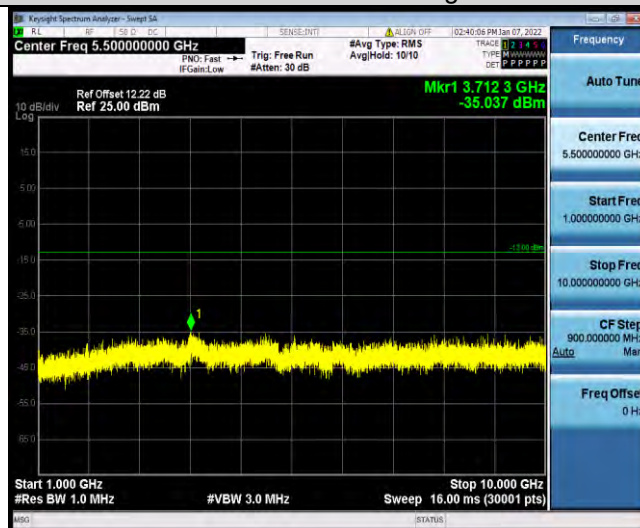
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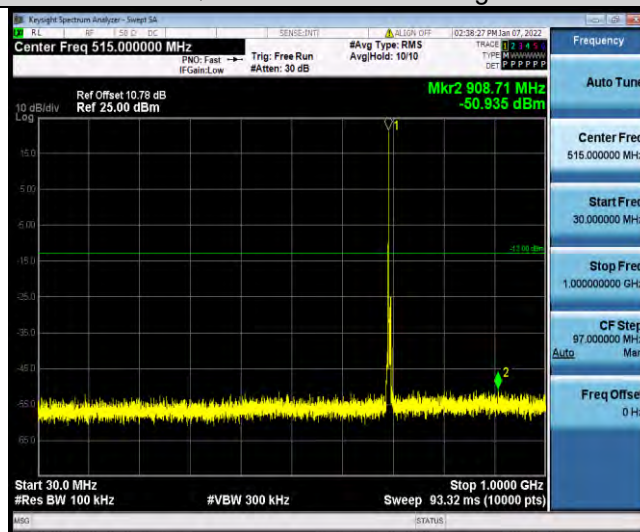




Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



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

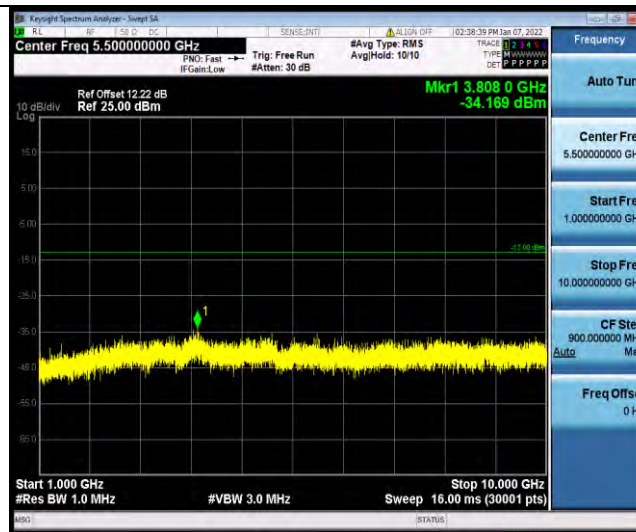


Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz

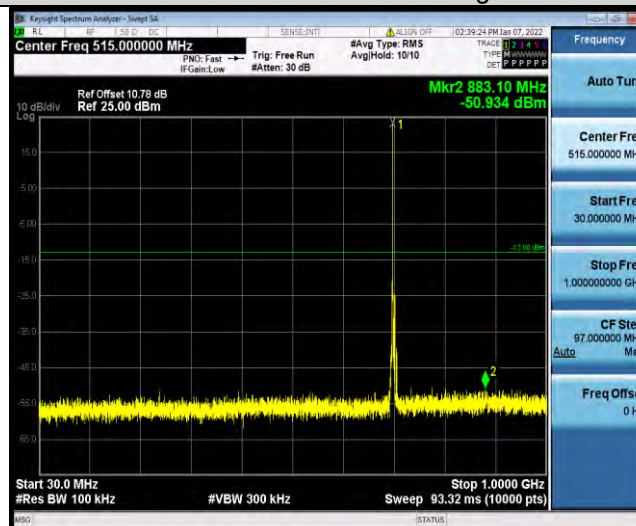


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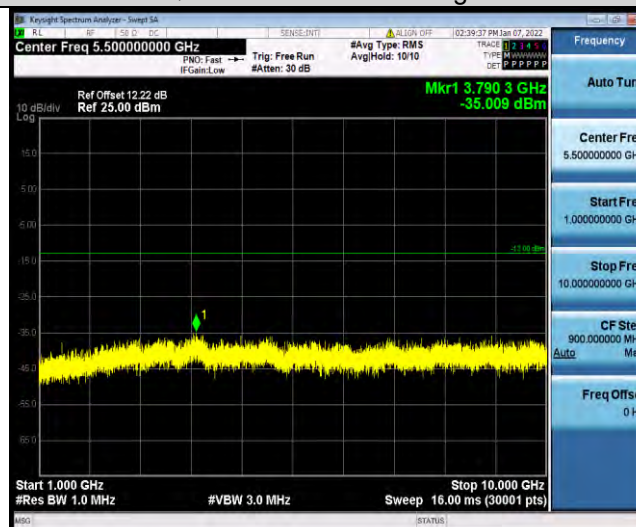
Test Report No.: W7L-P22010007RF04



Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



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



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