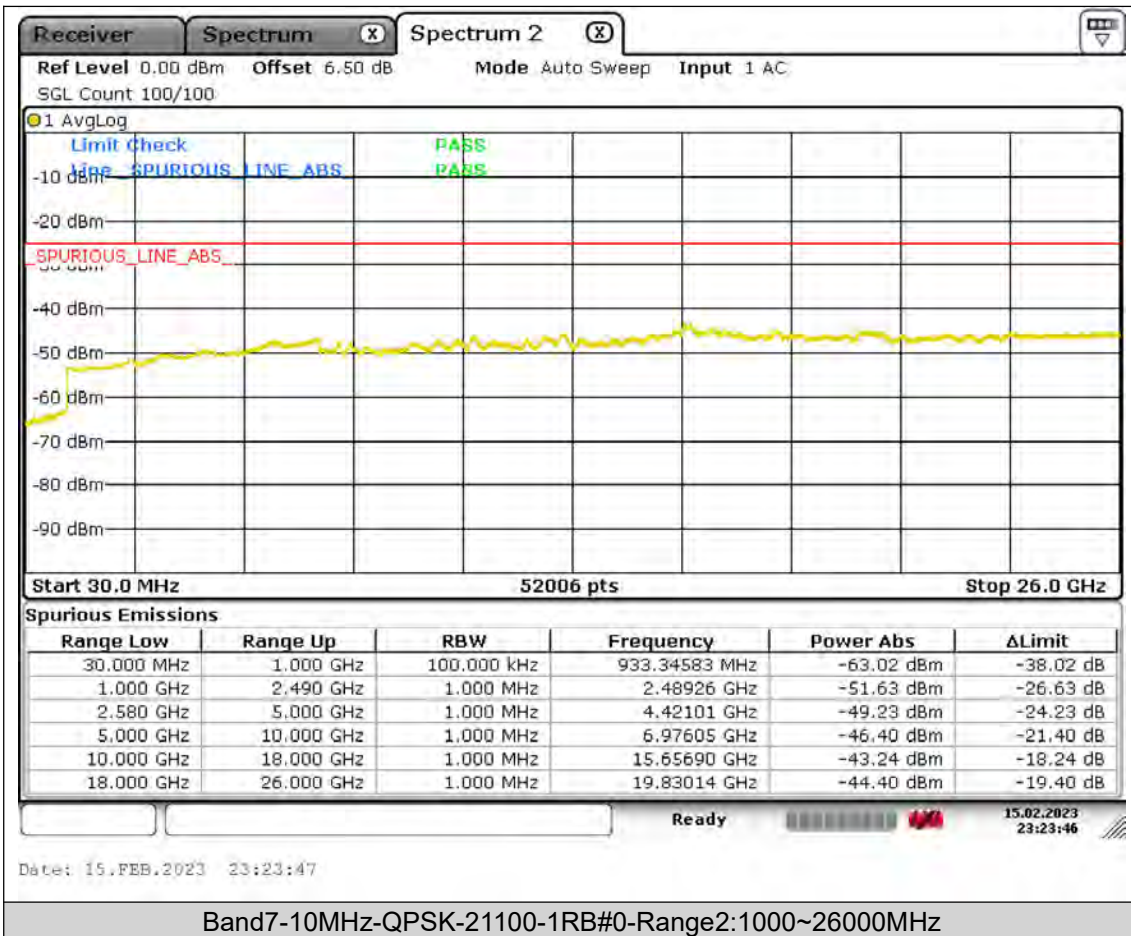




BUREAU
VERITAS

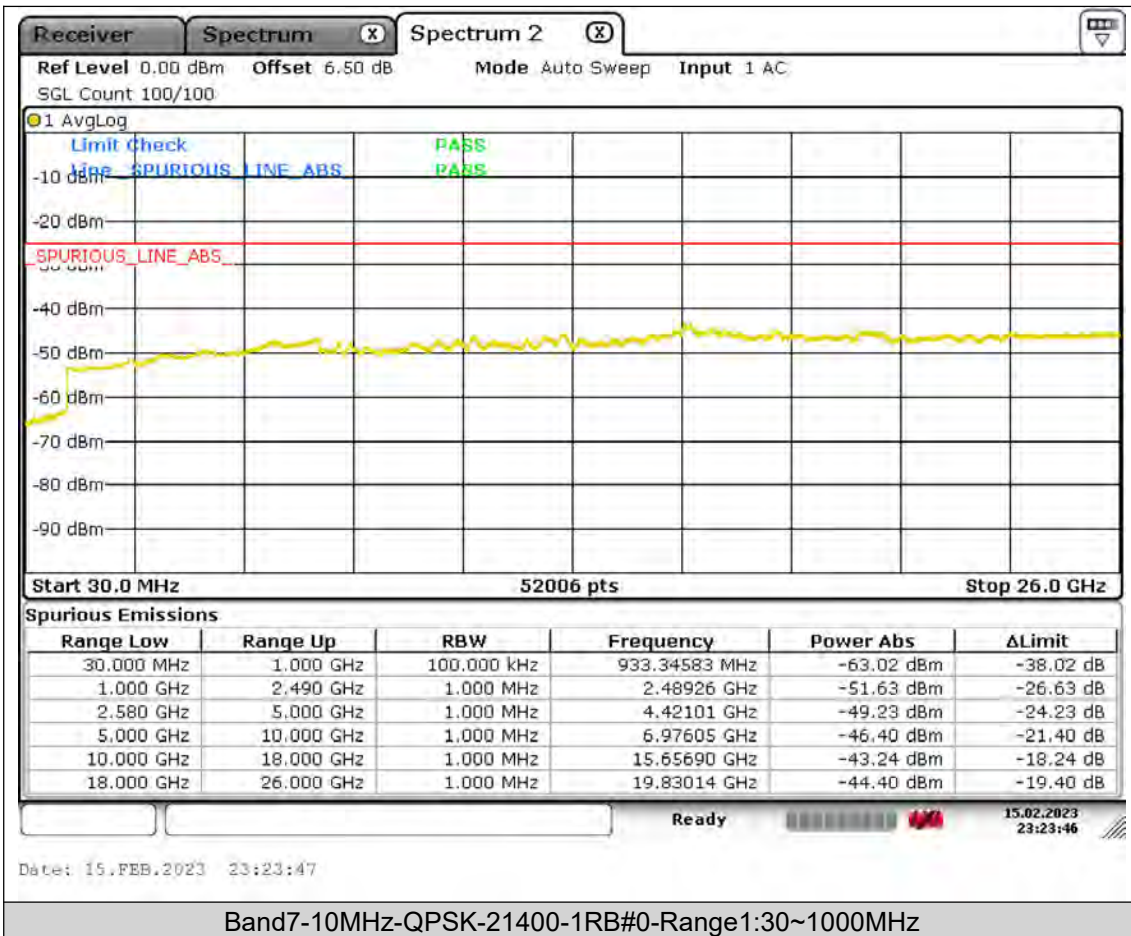
Test Report No.: W7L-P23010016RF03





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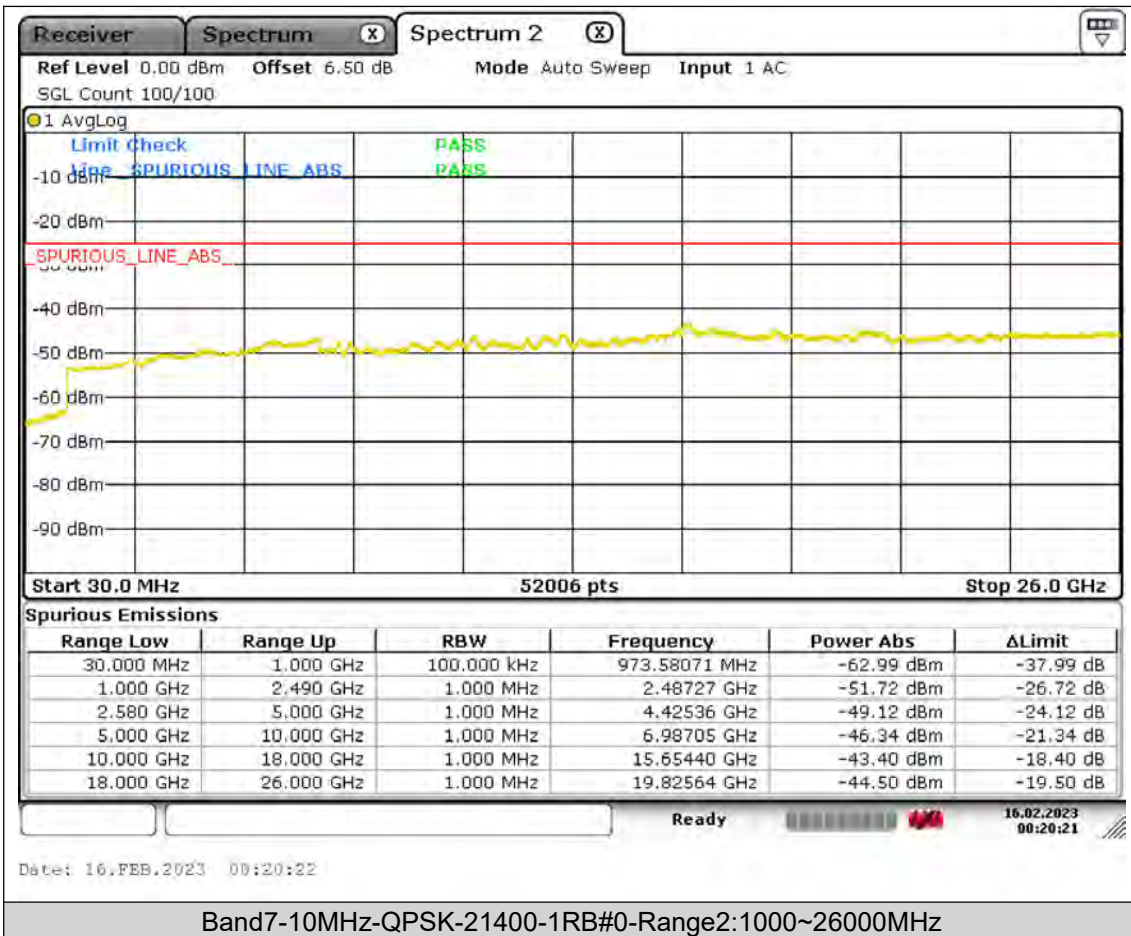
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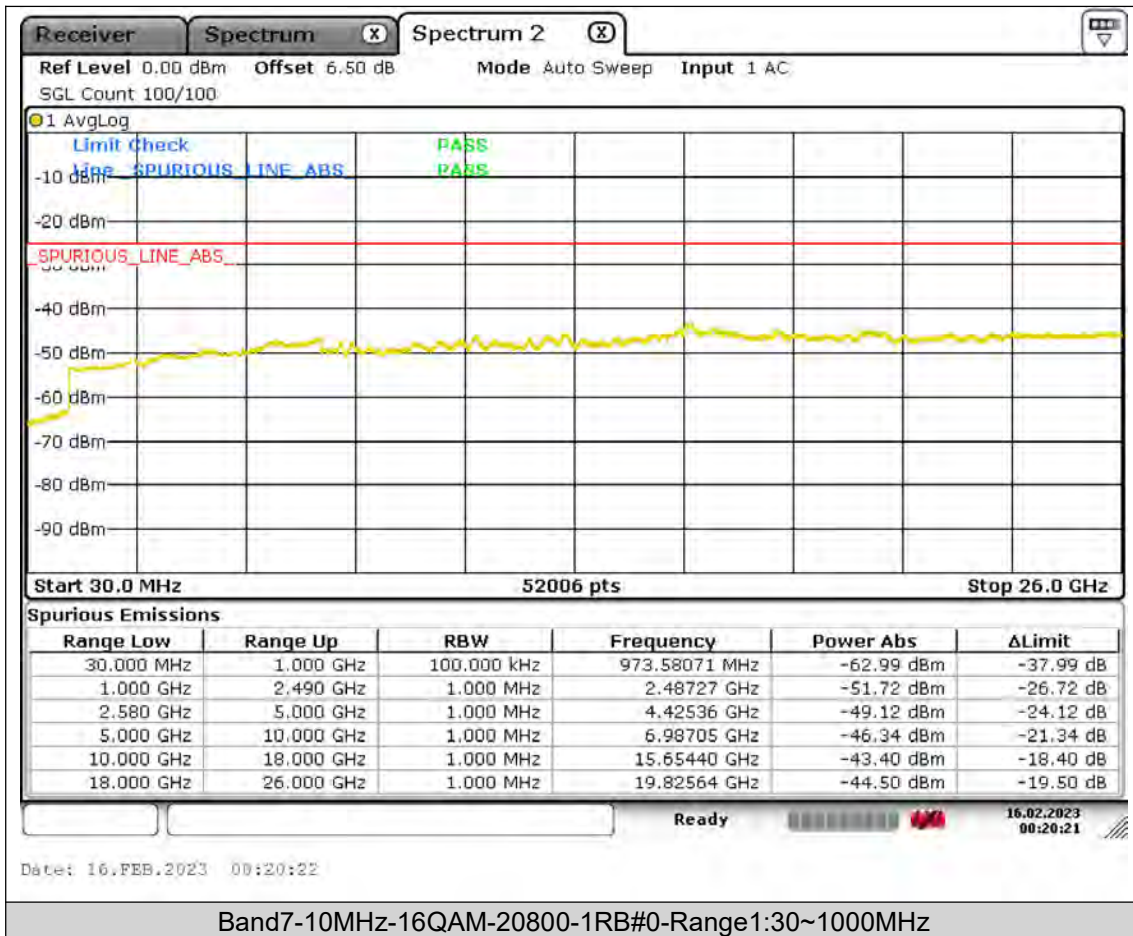
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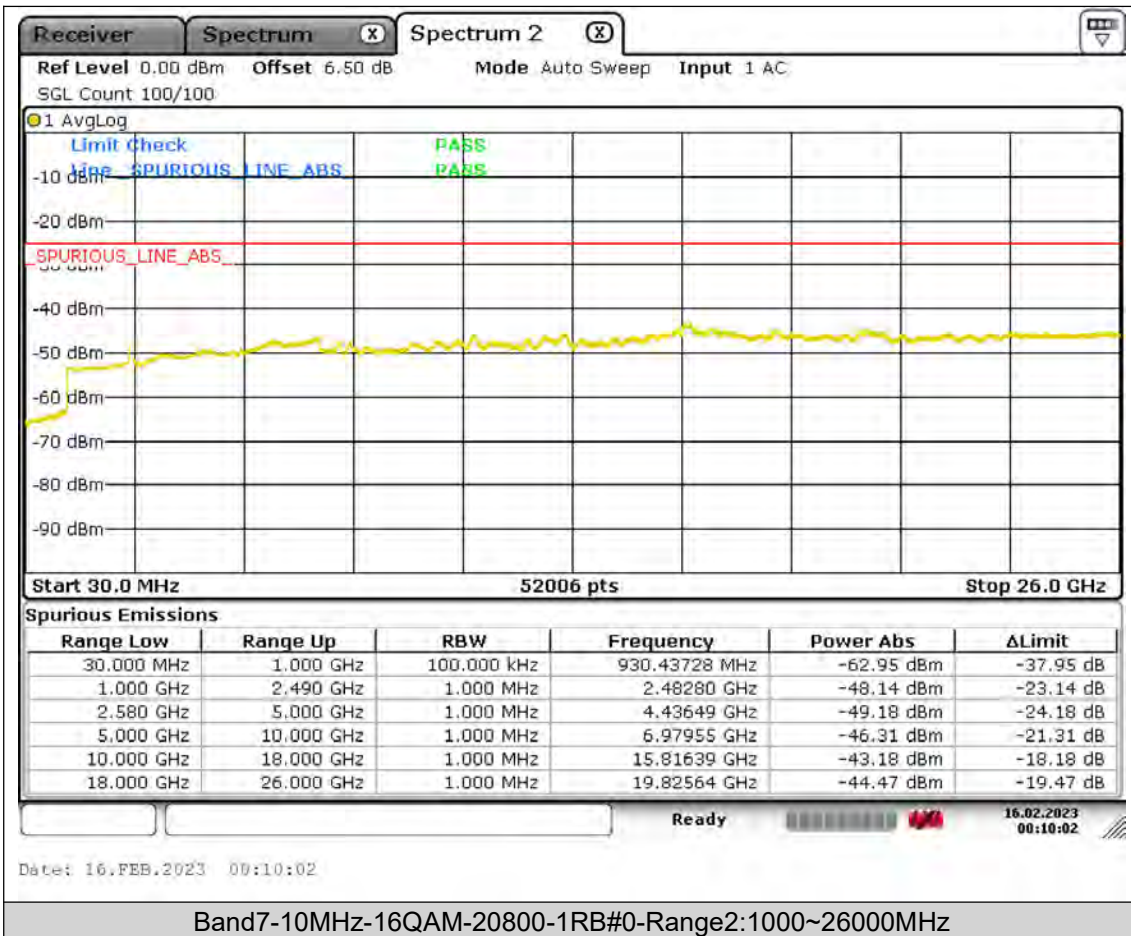
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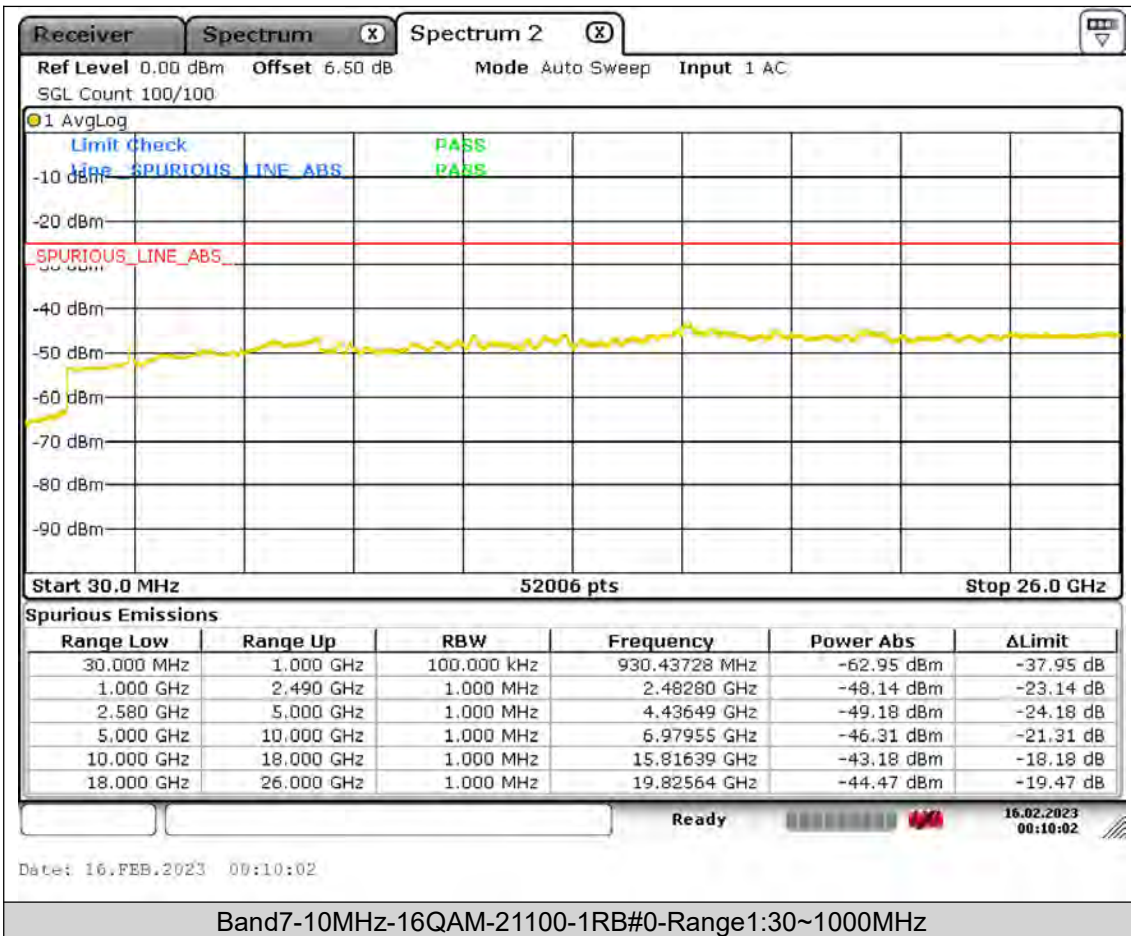
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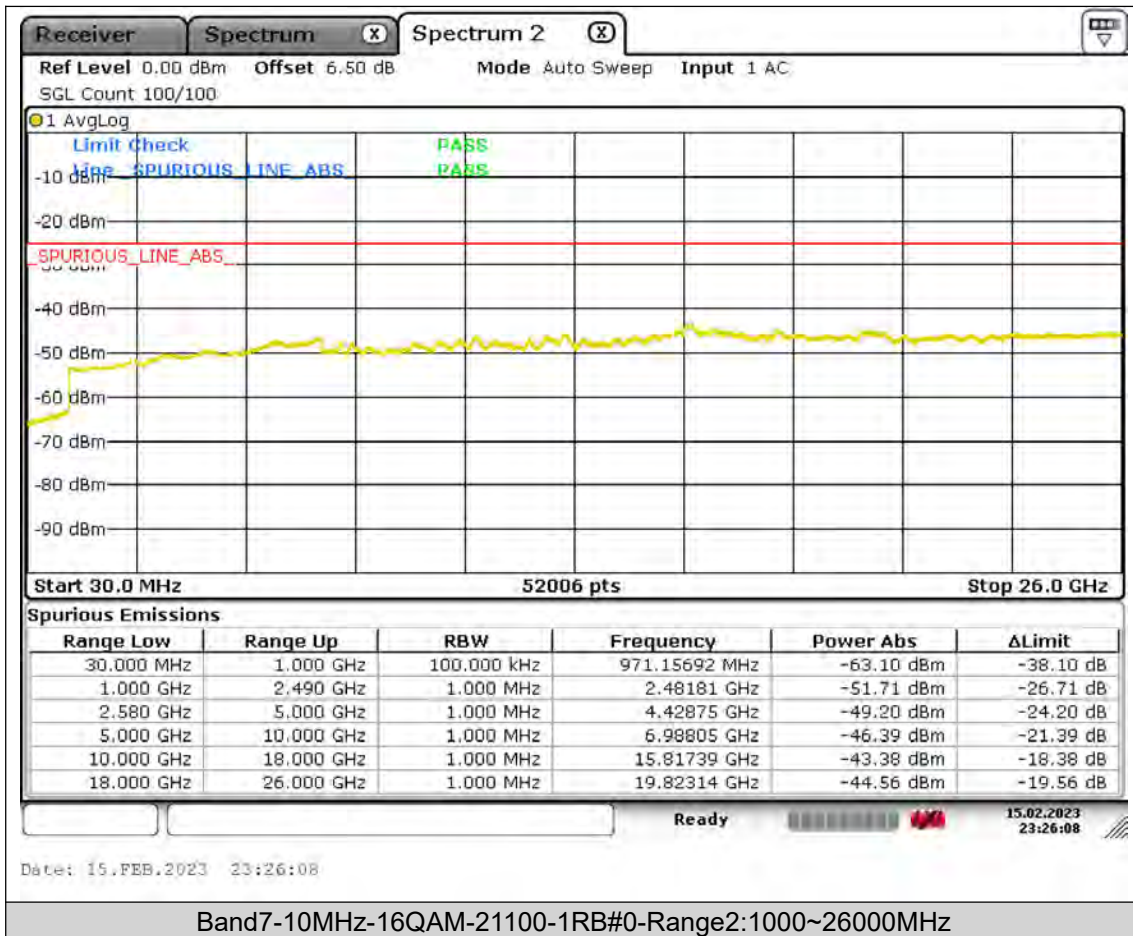
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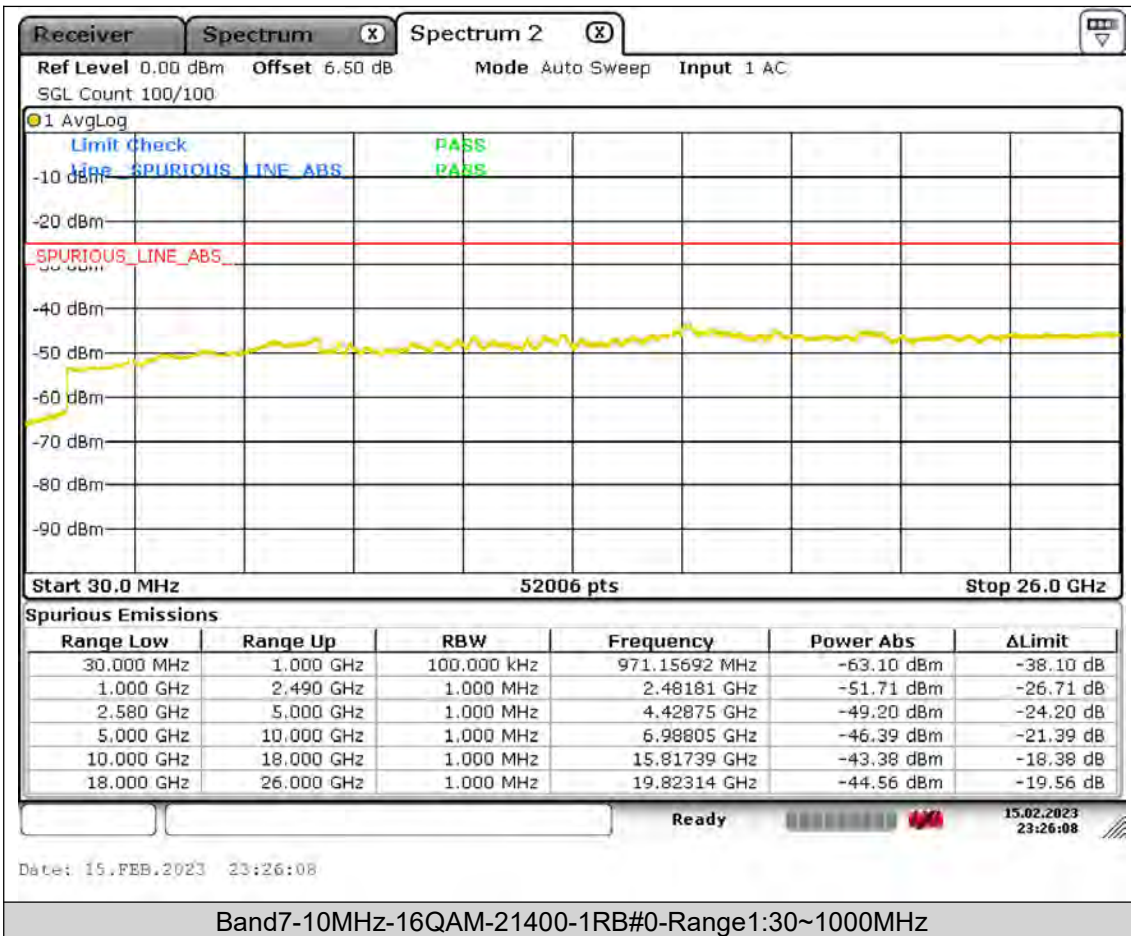
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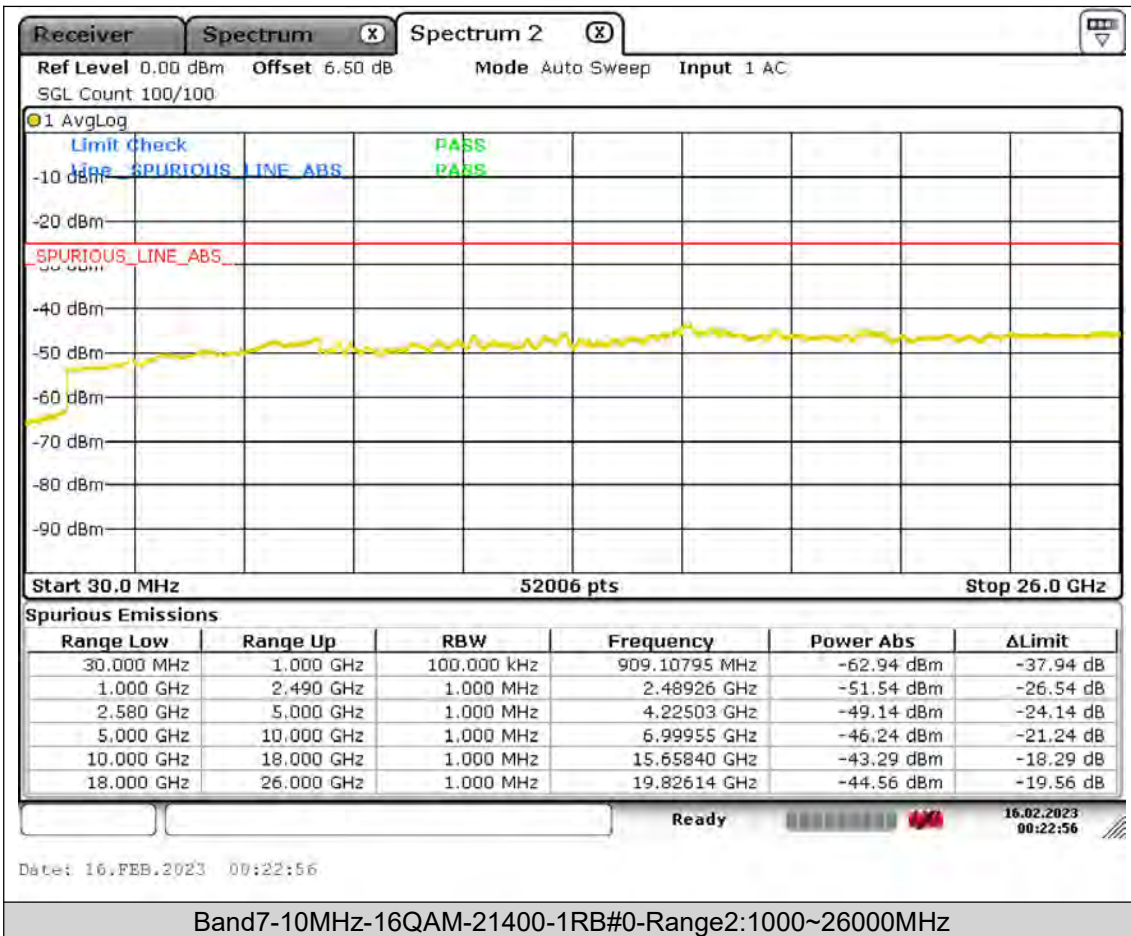
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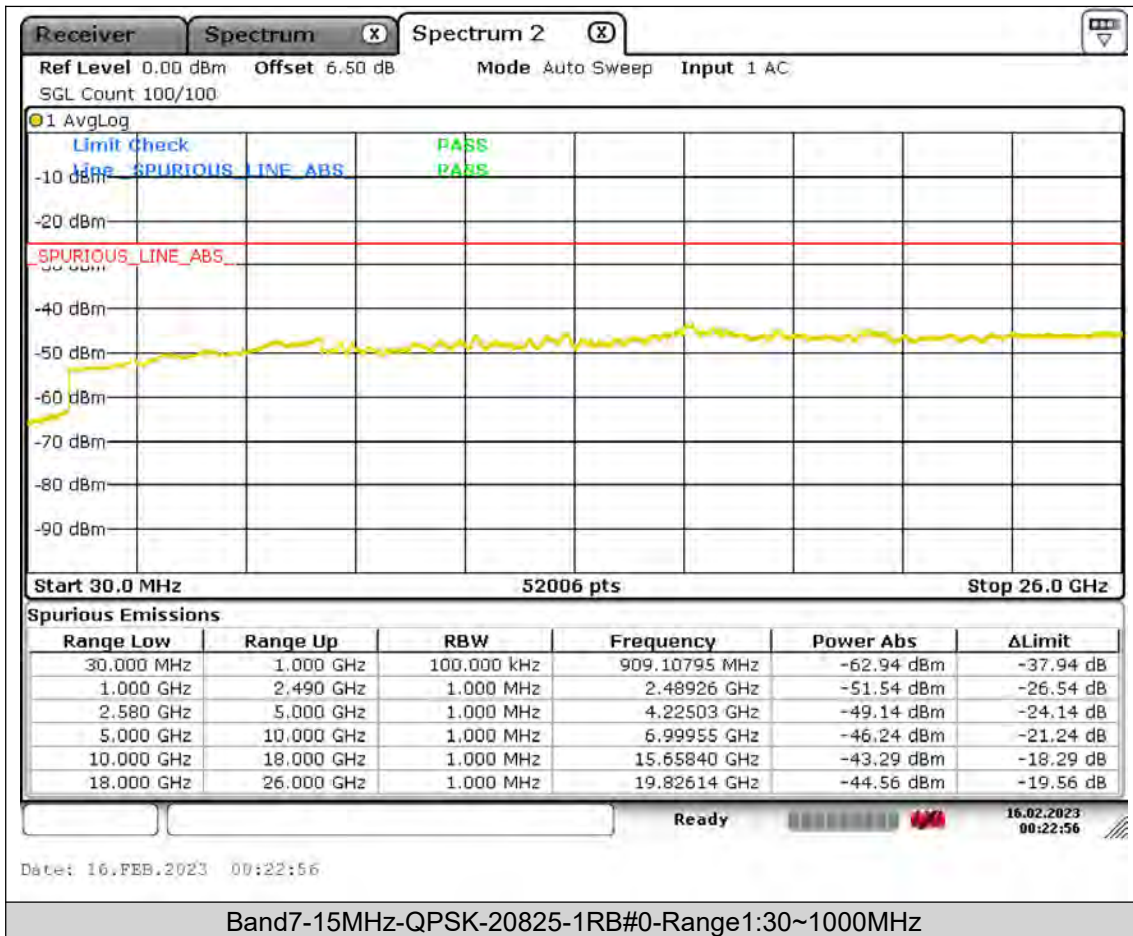
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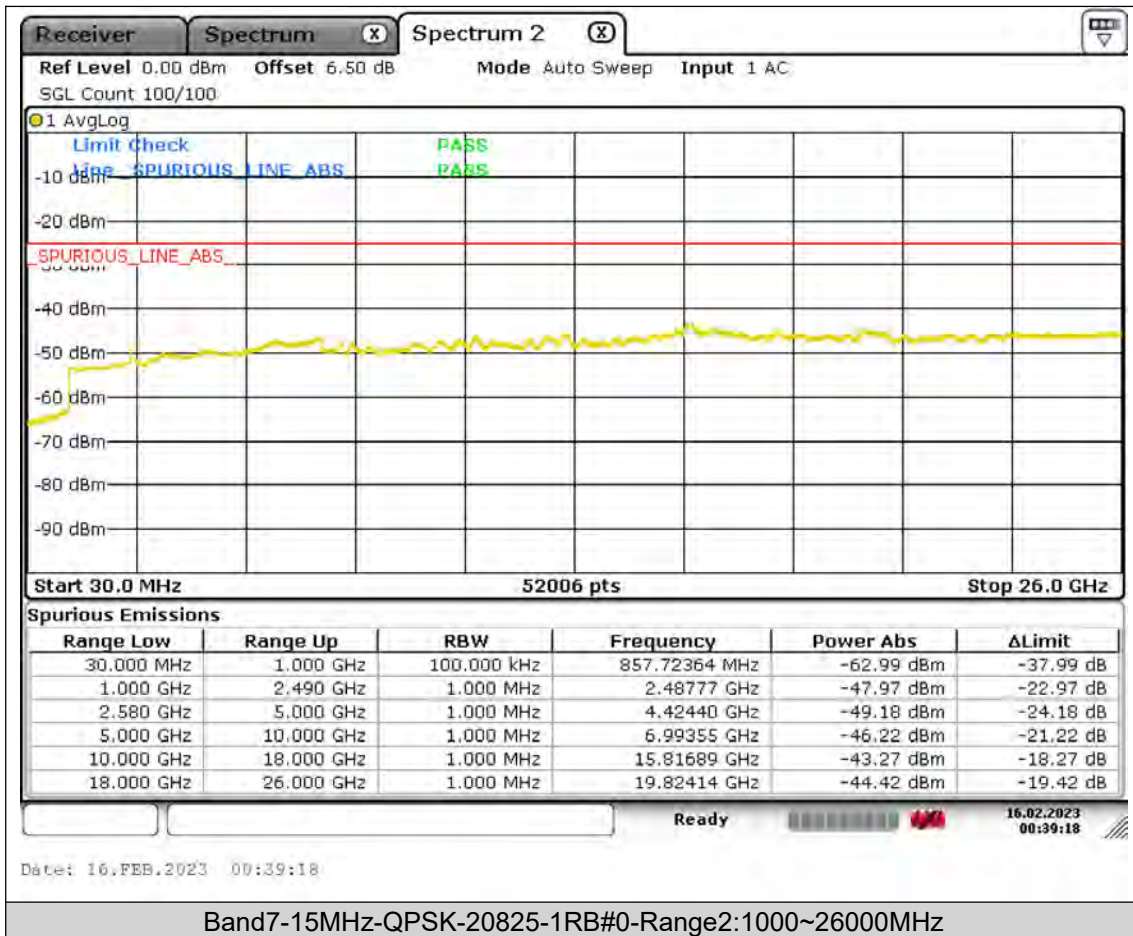
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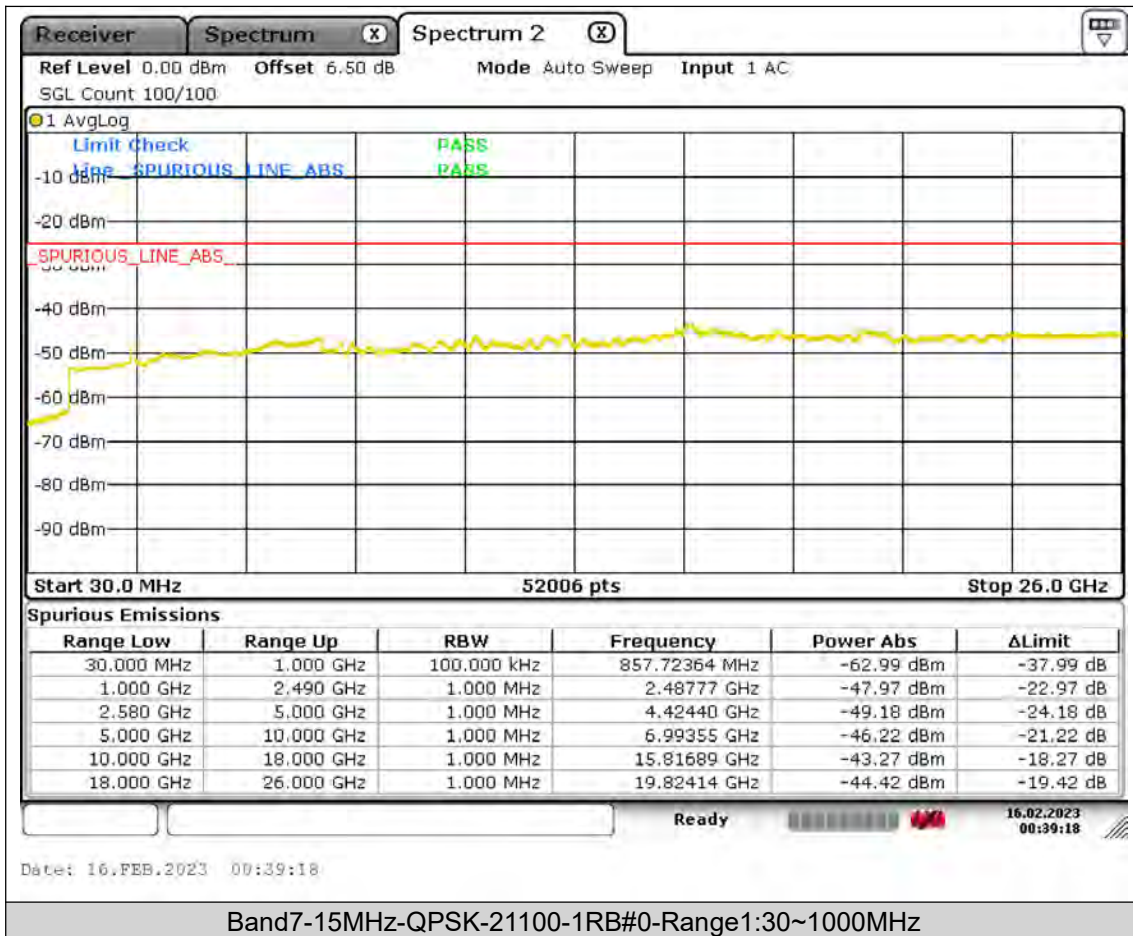
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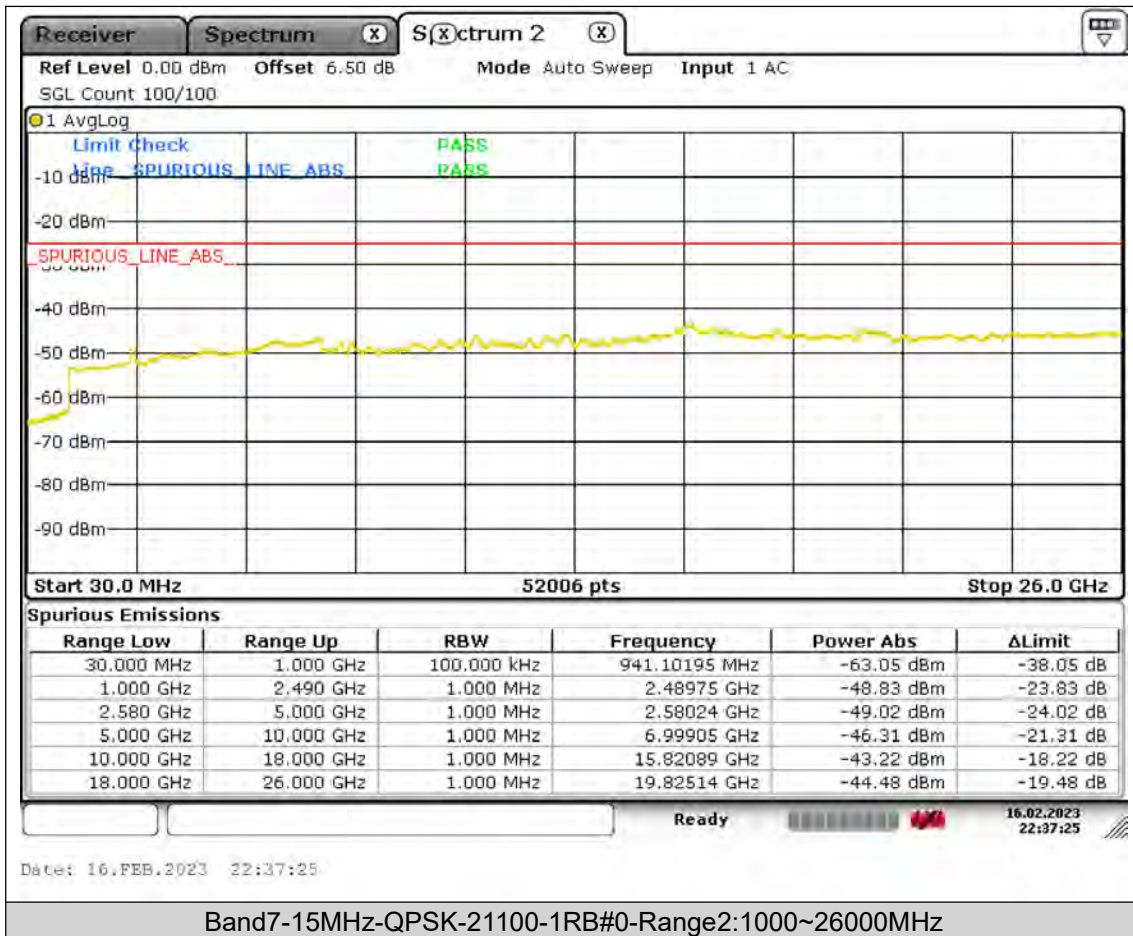
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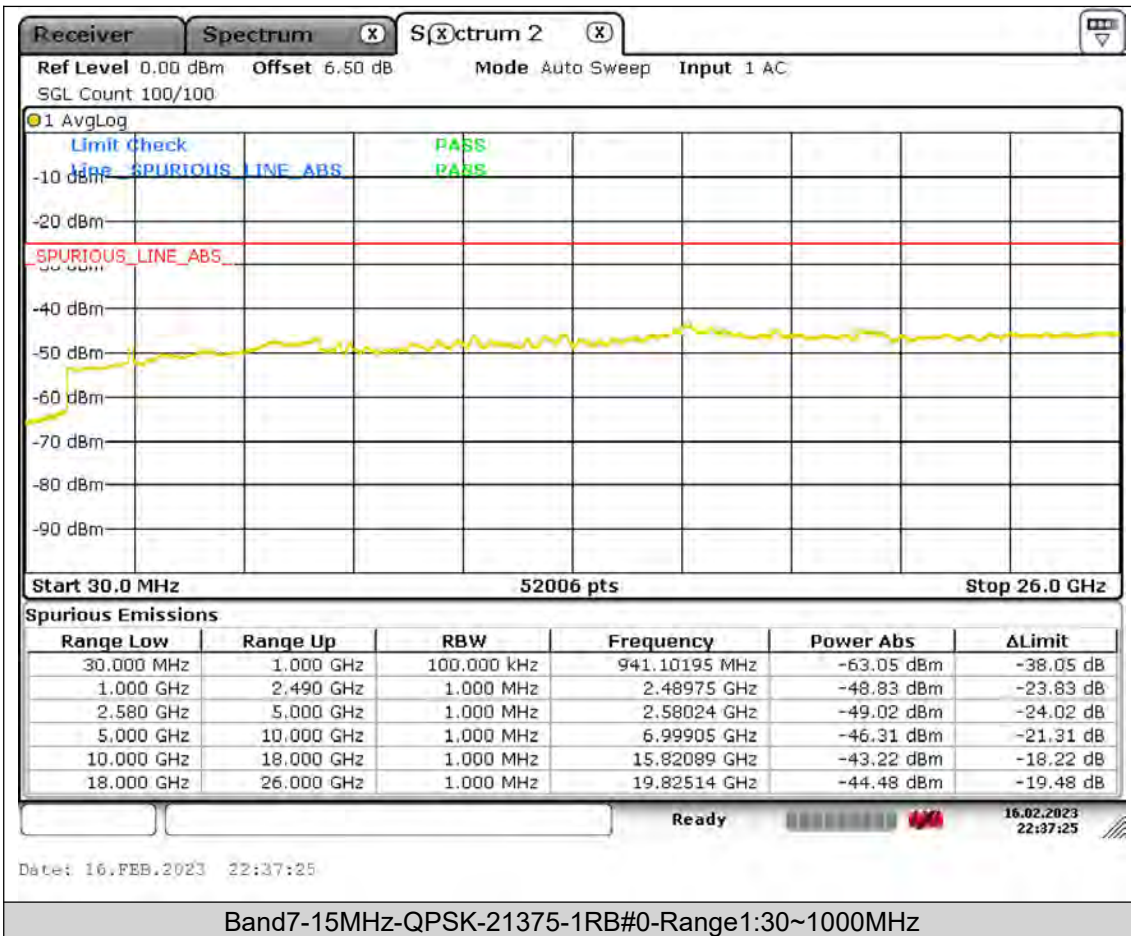
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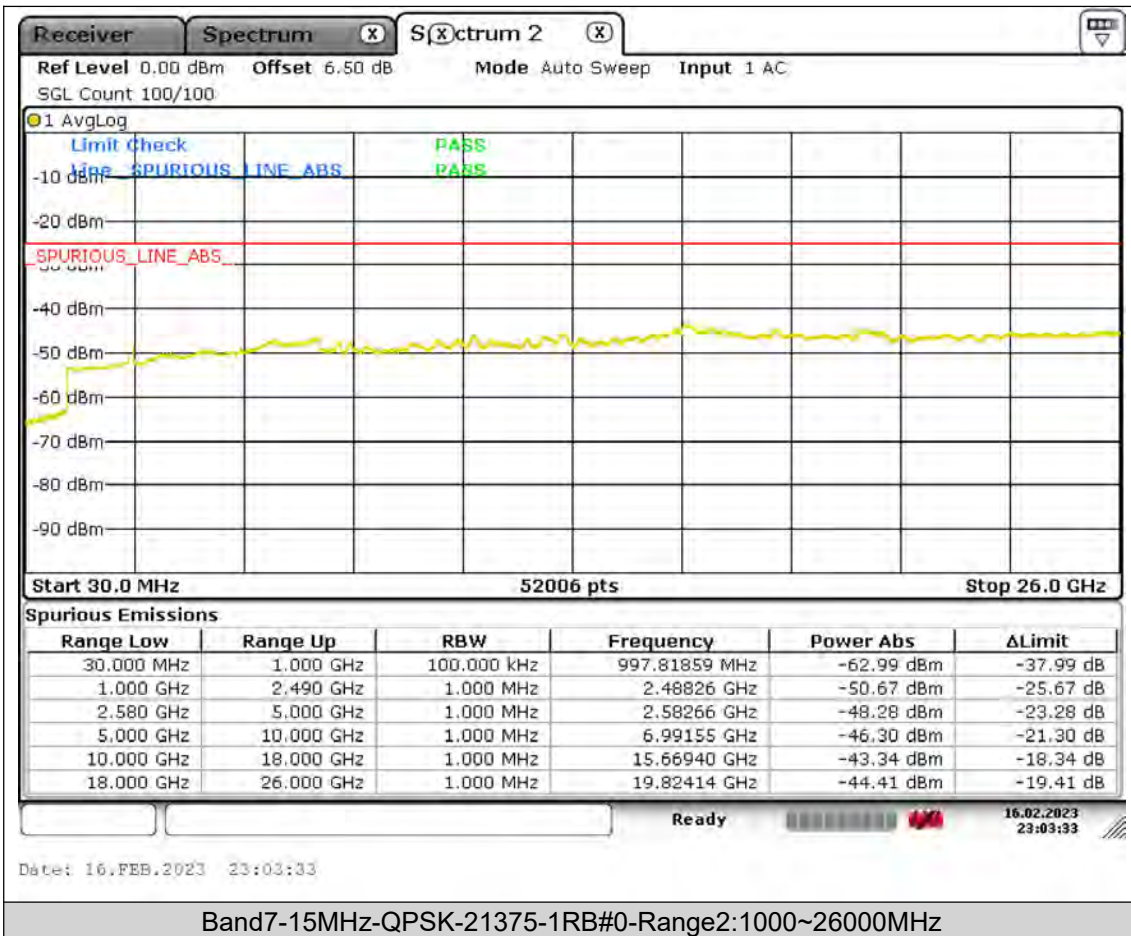
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VERITAS

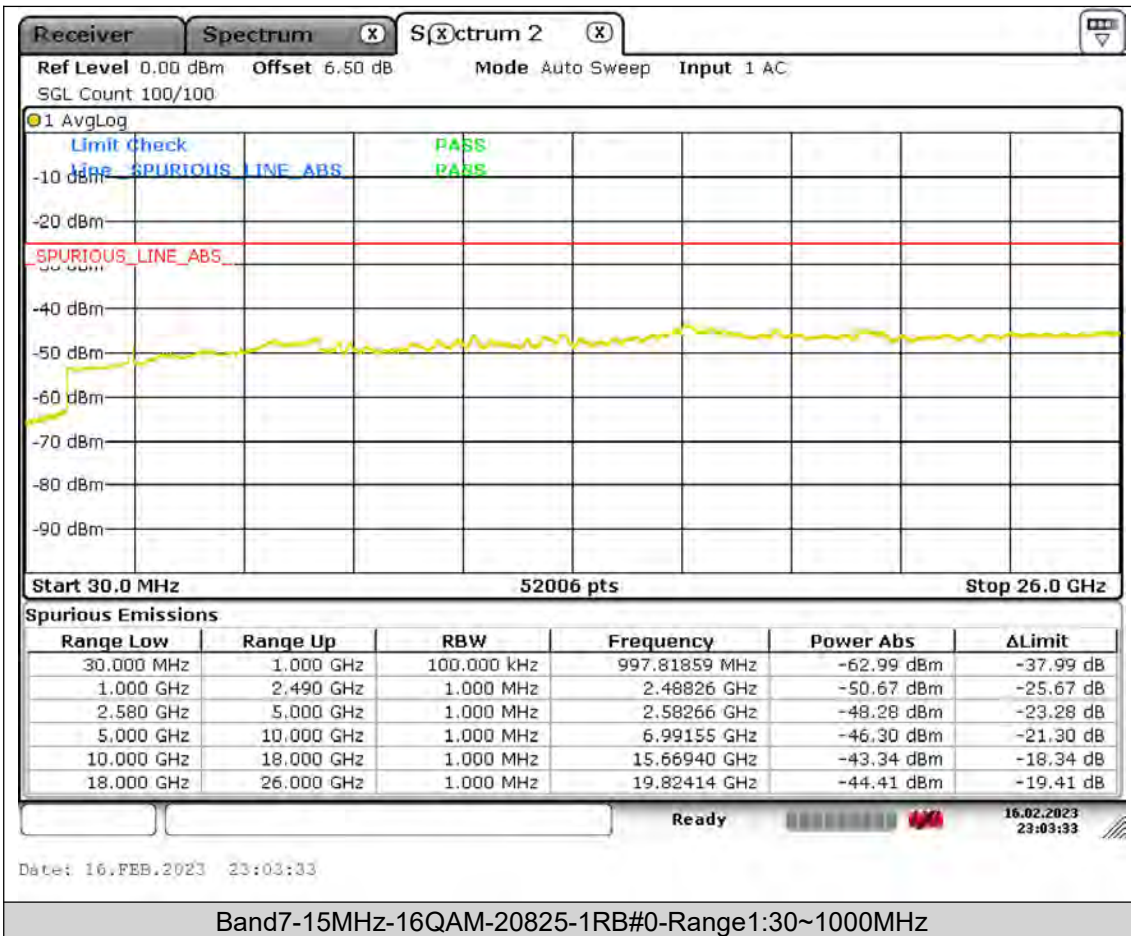
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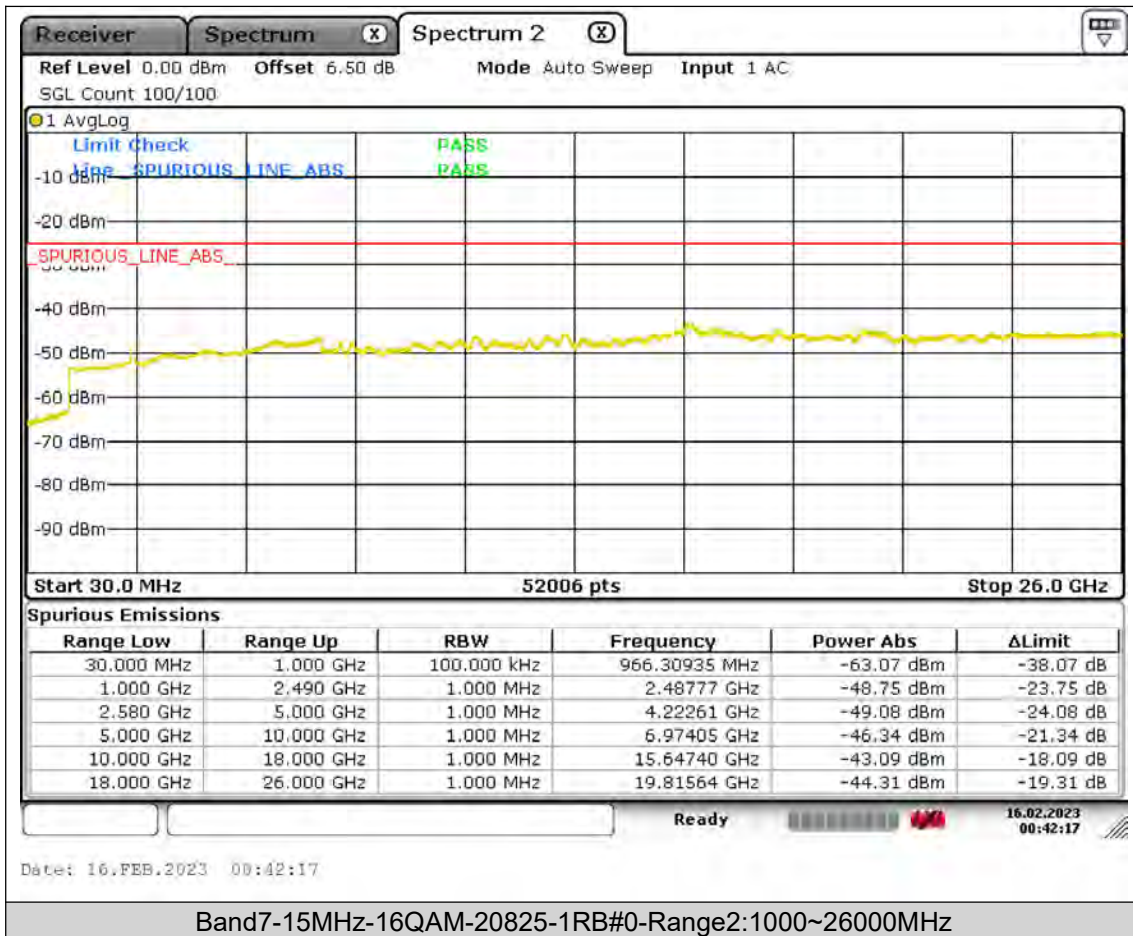
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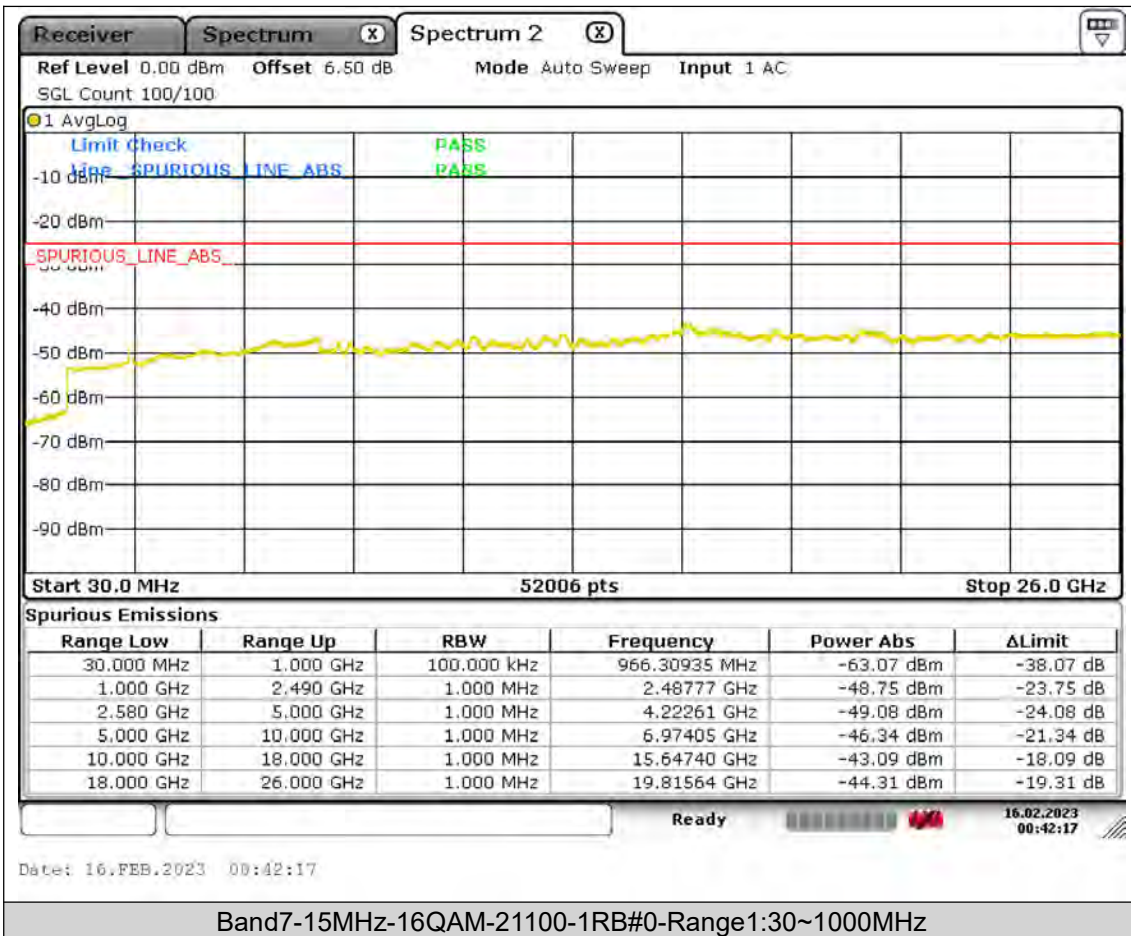
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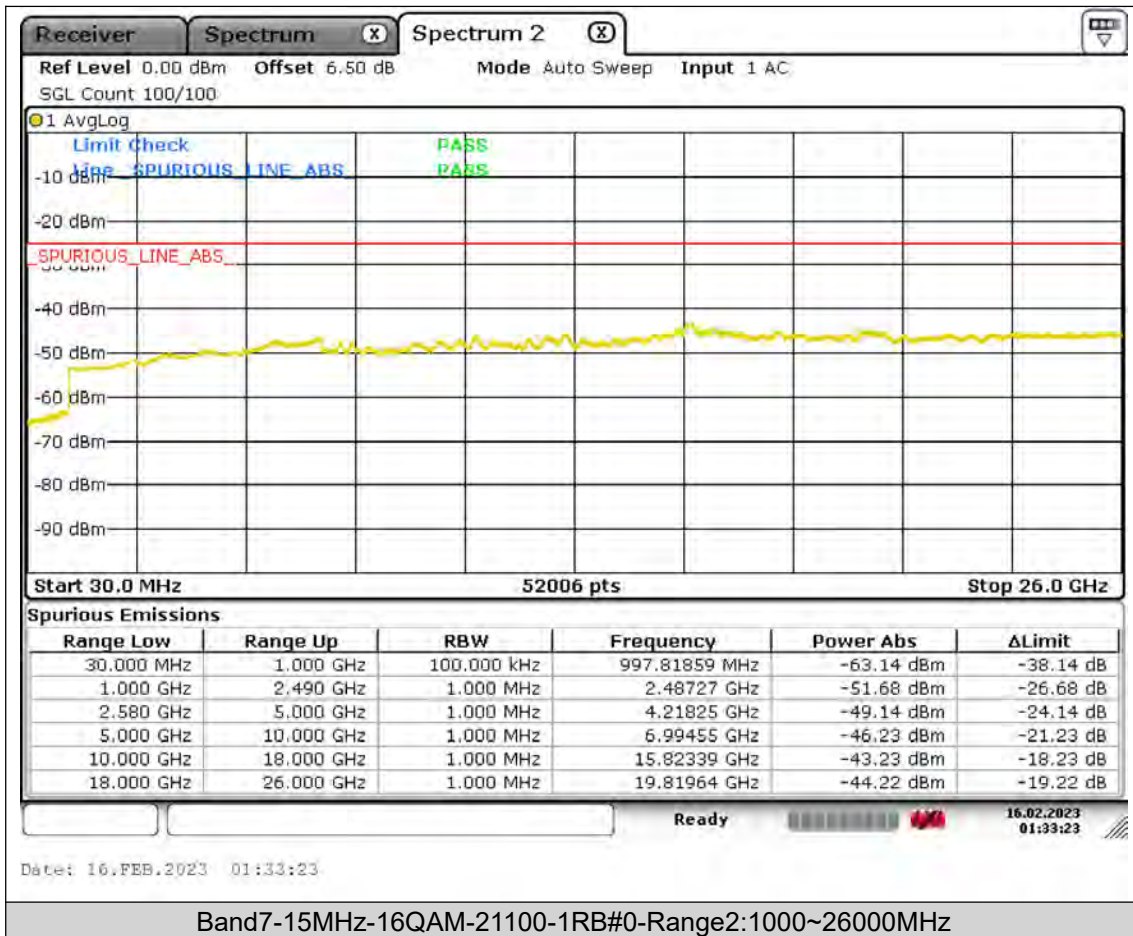
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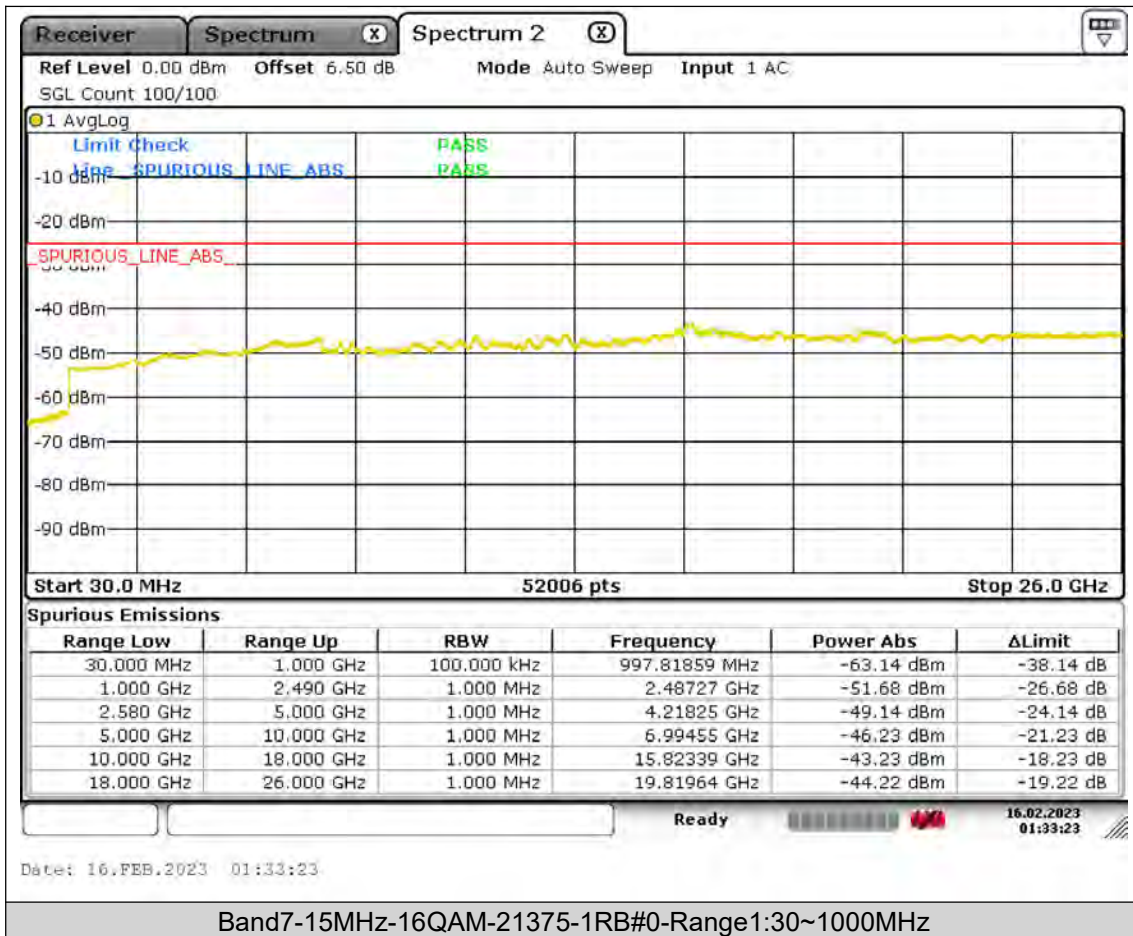
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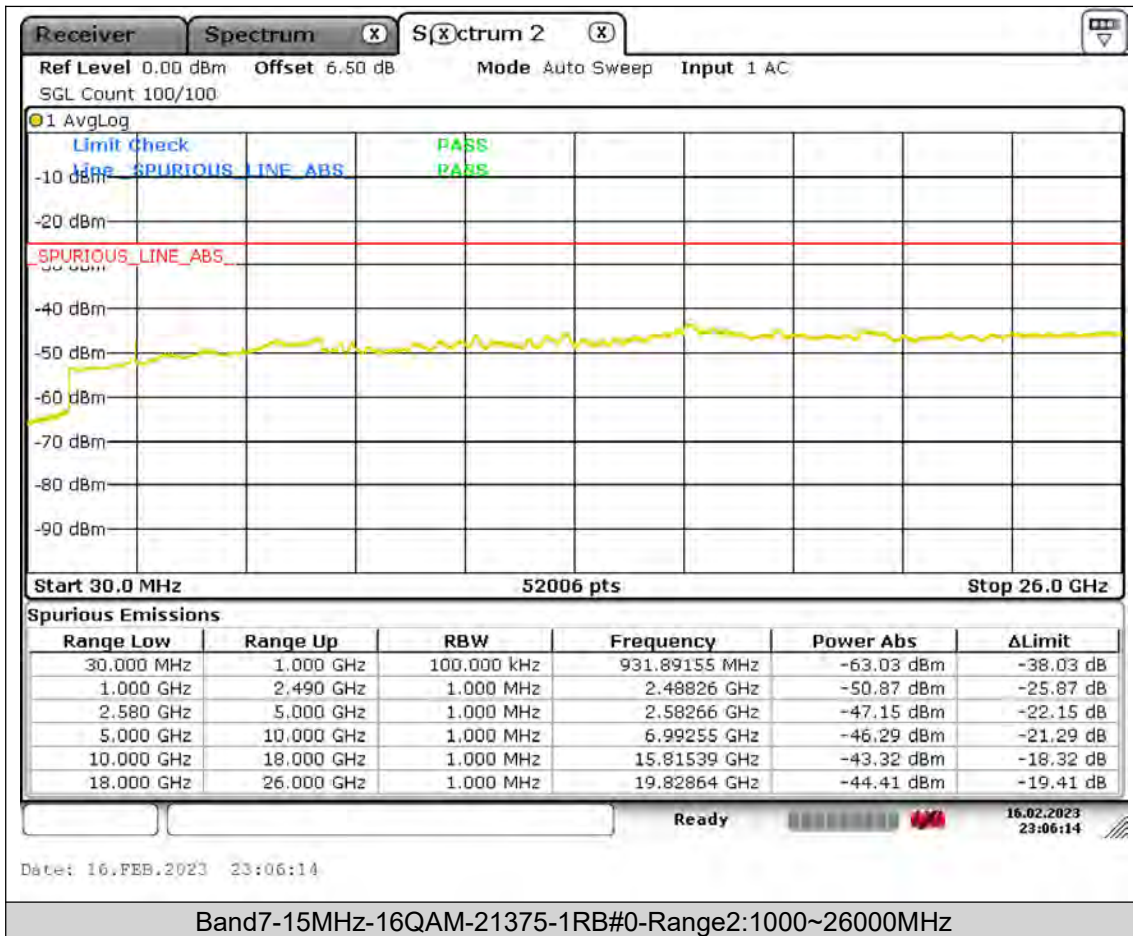
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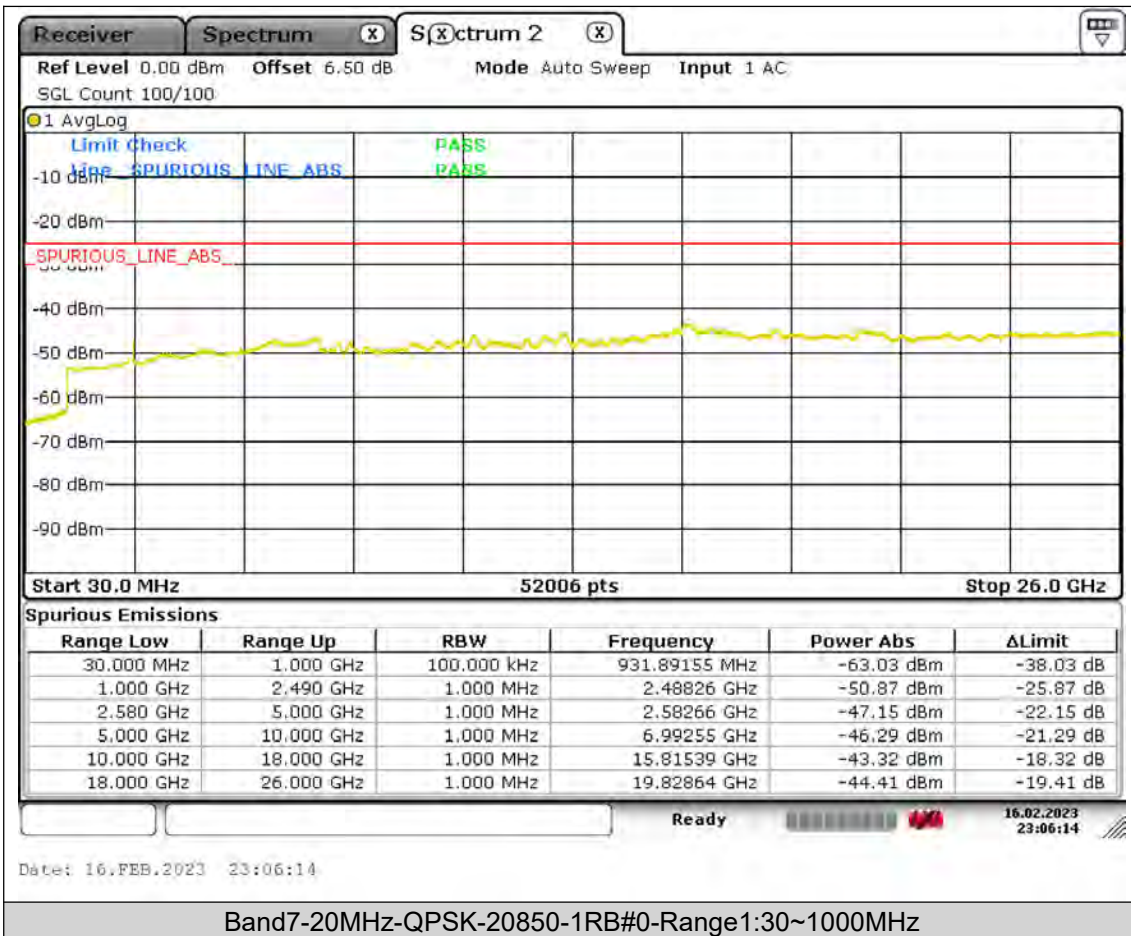
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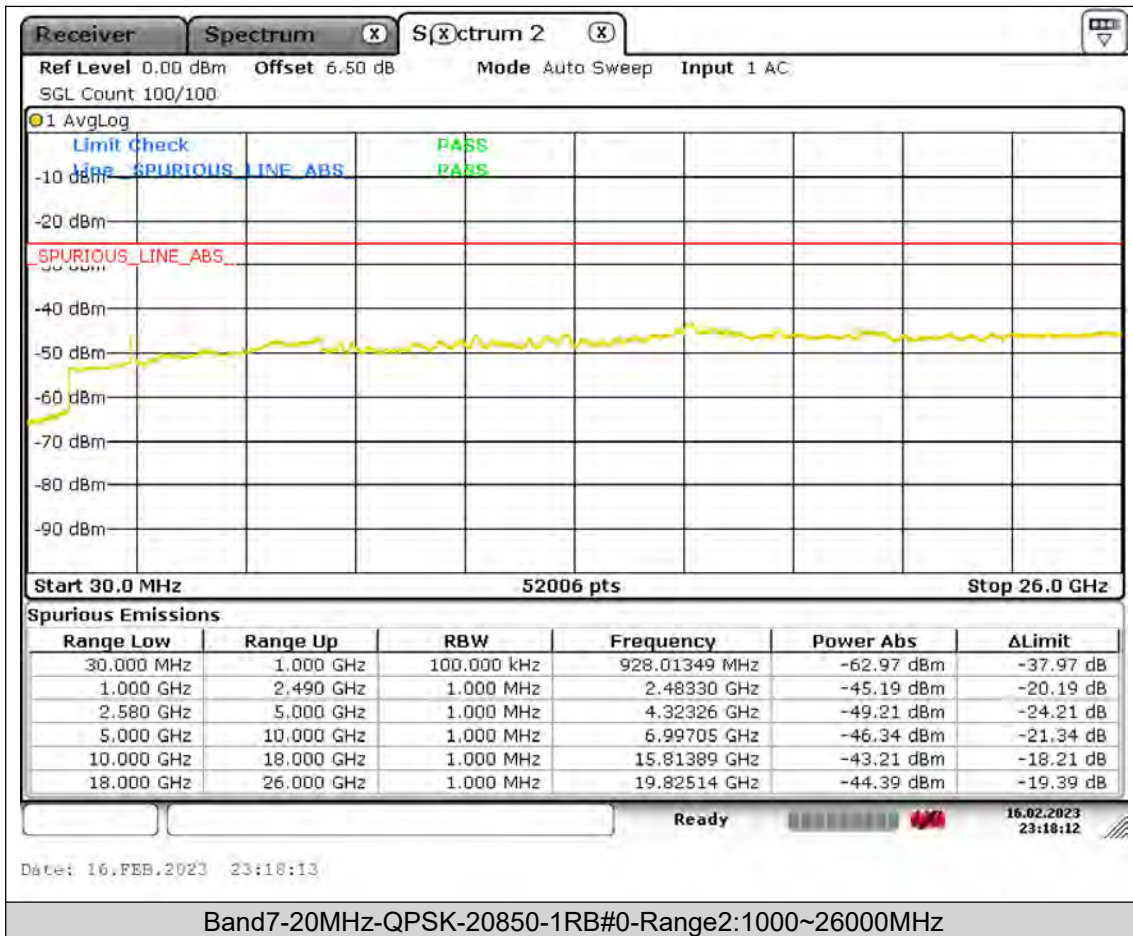
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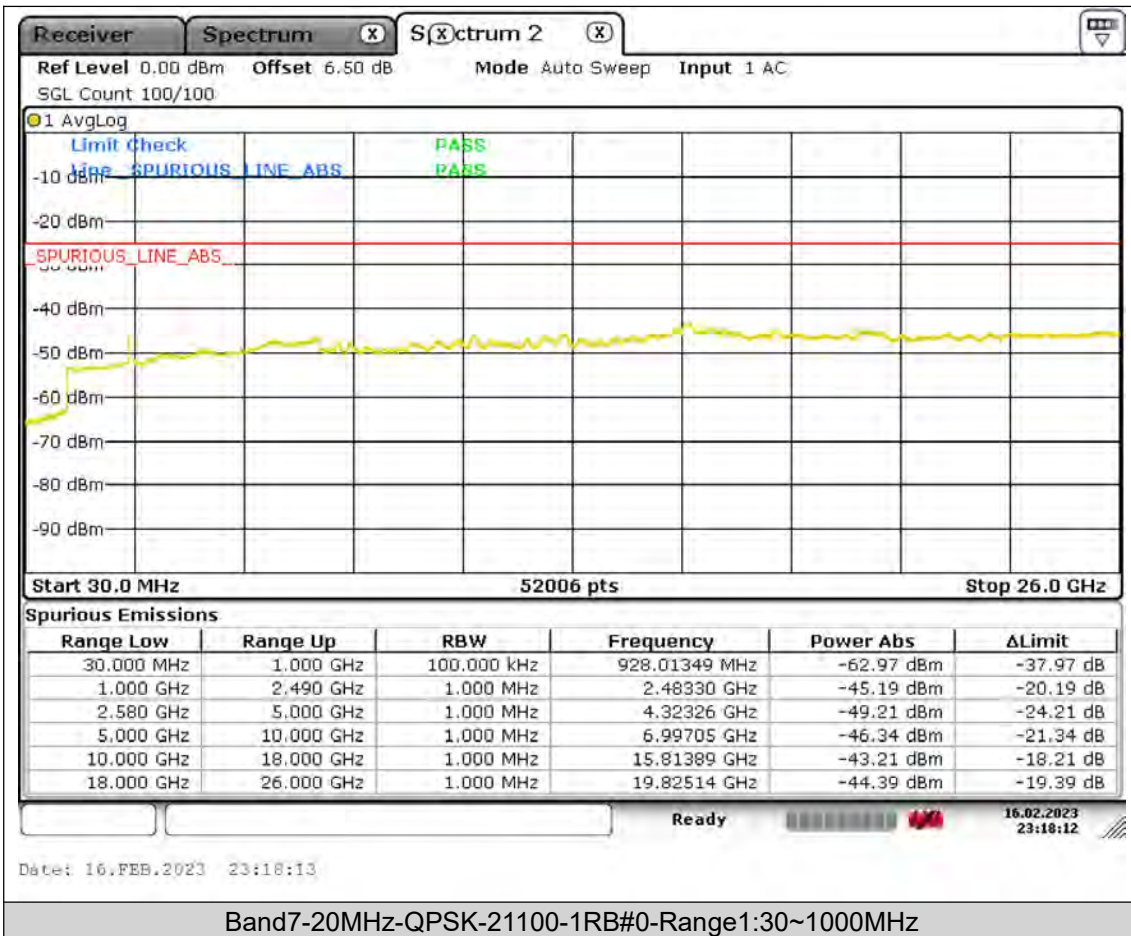
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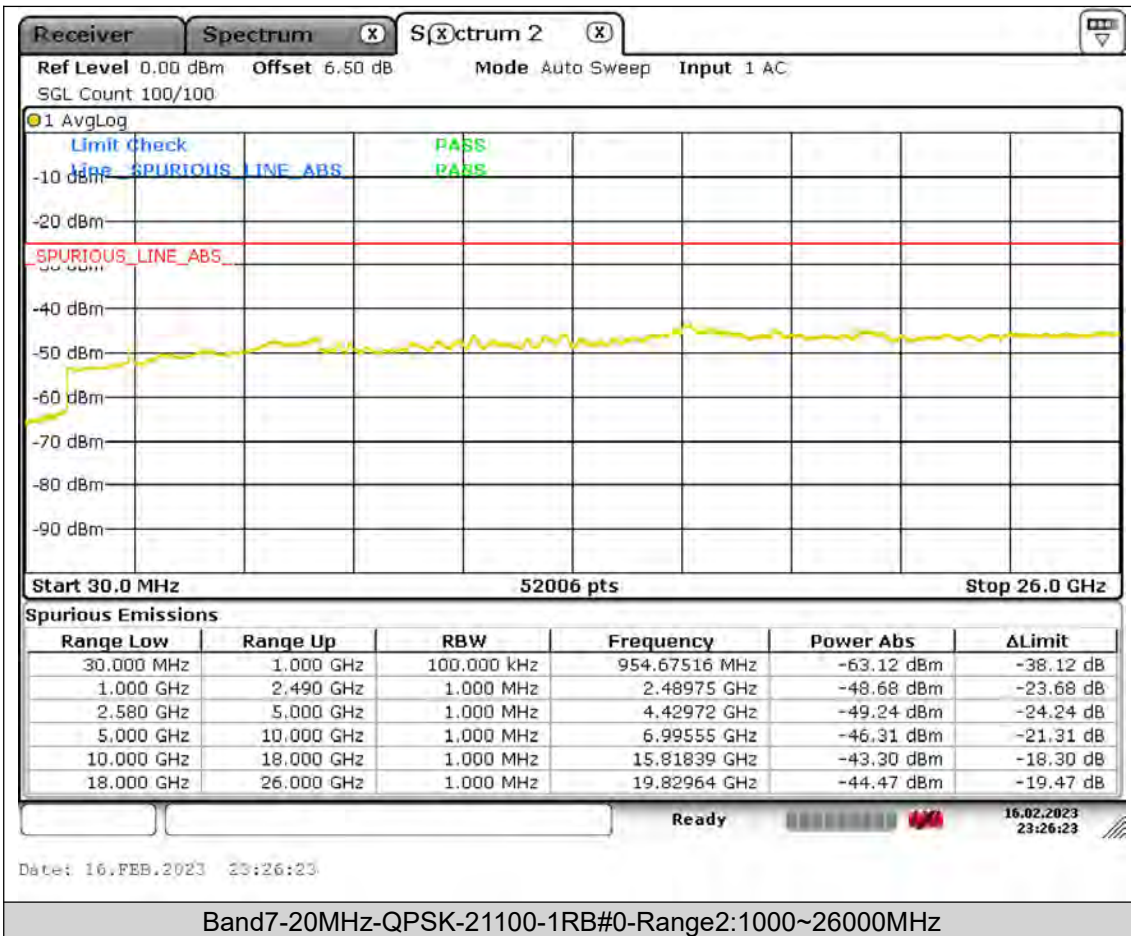
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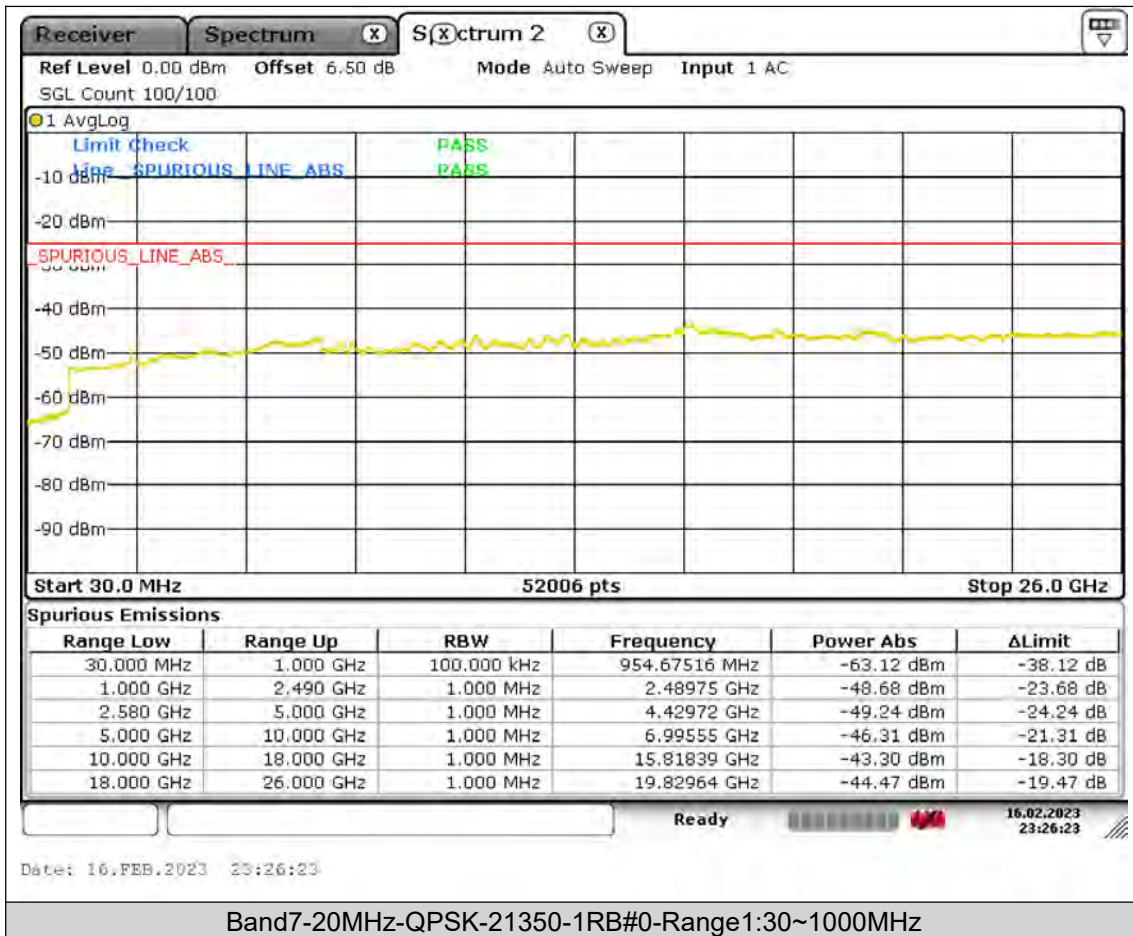
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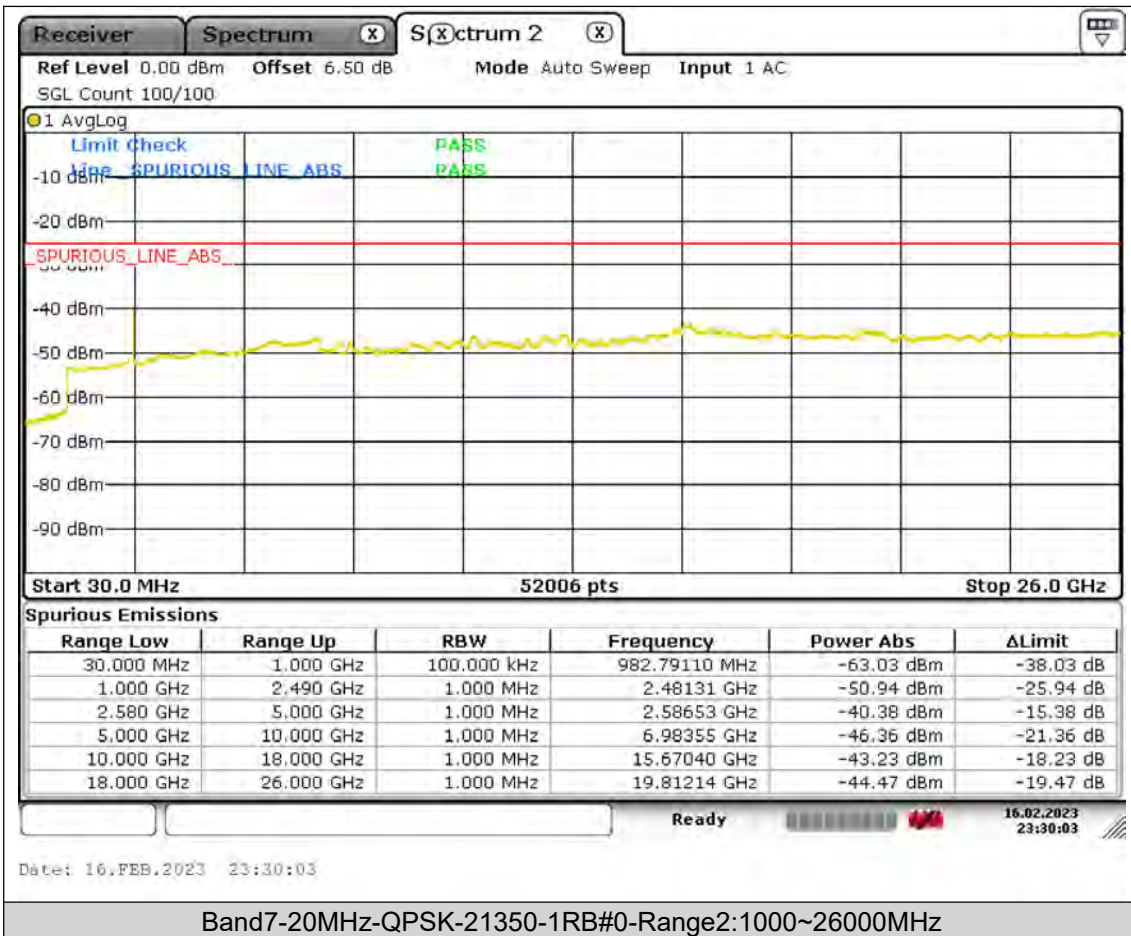
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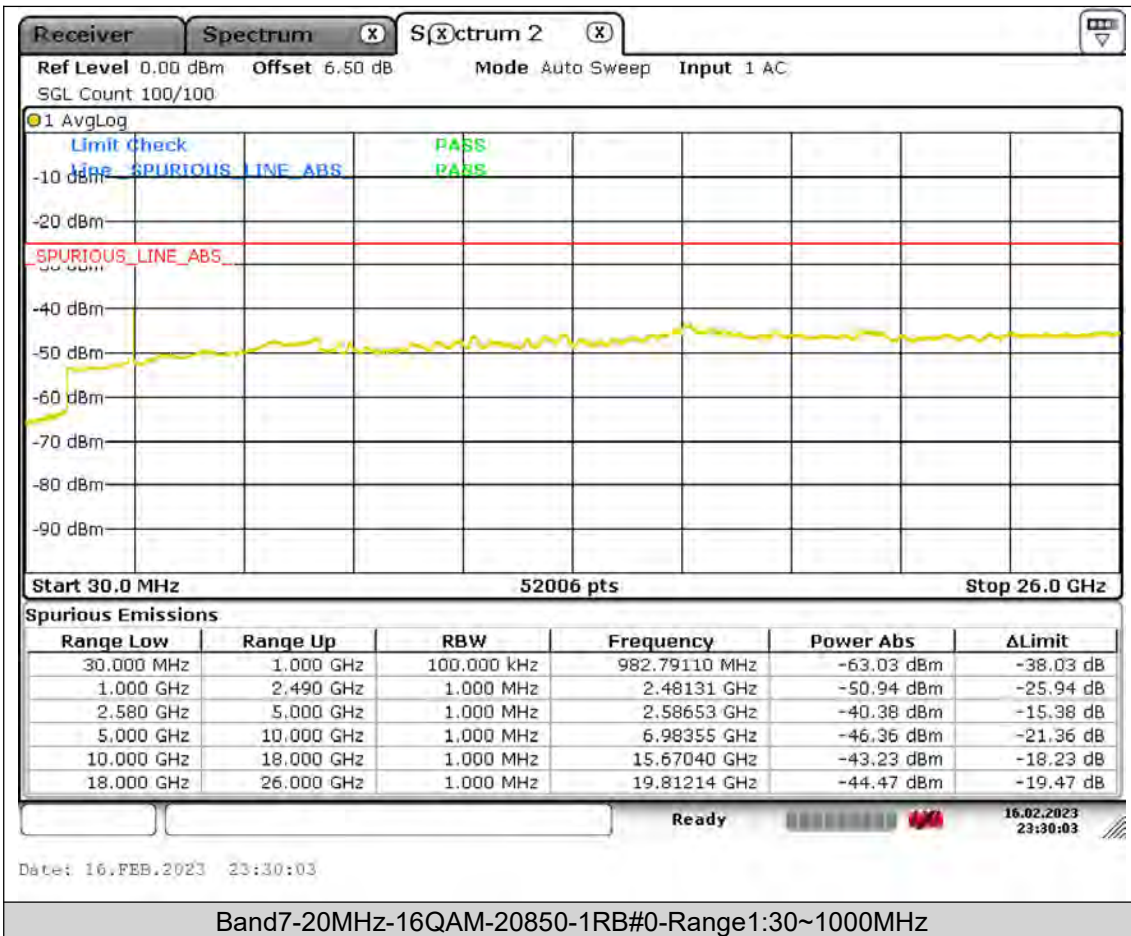
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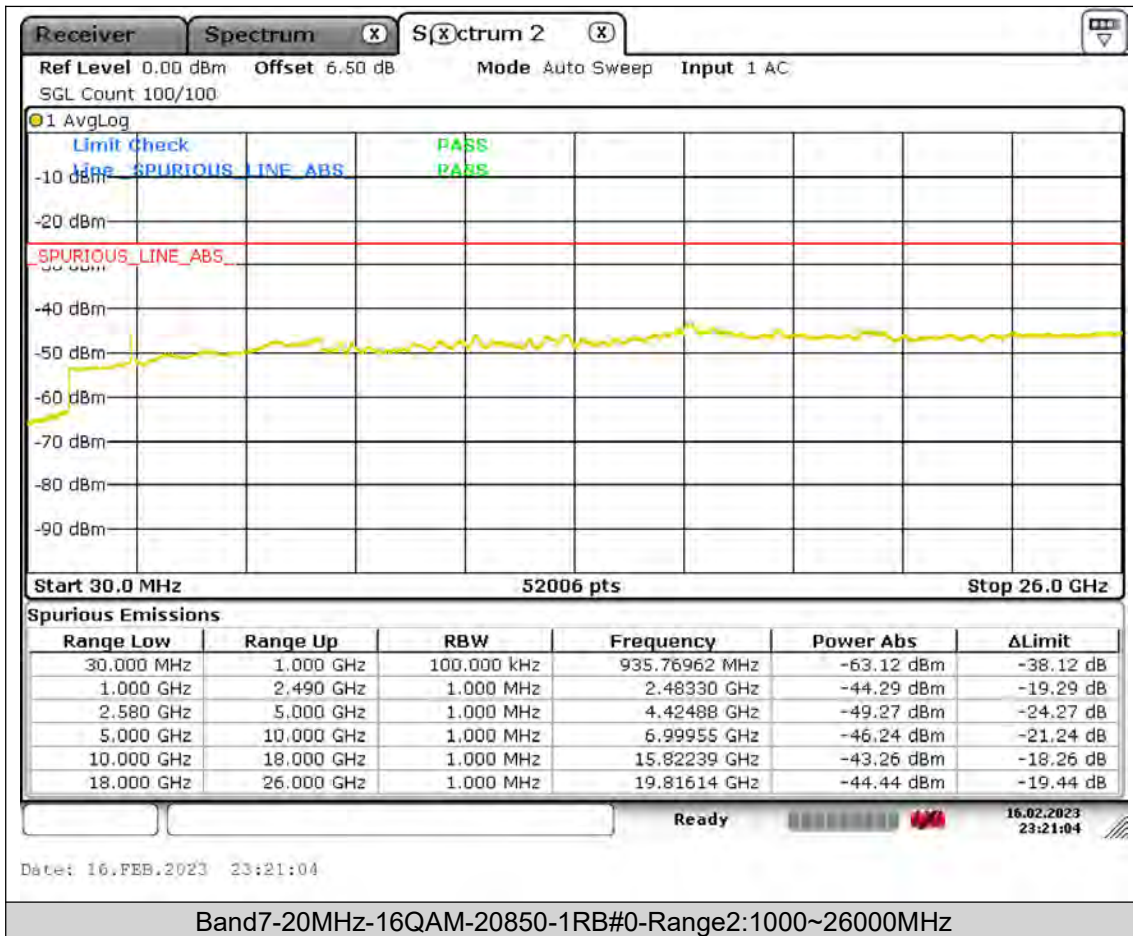
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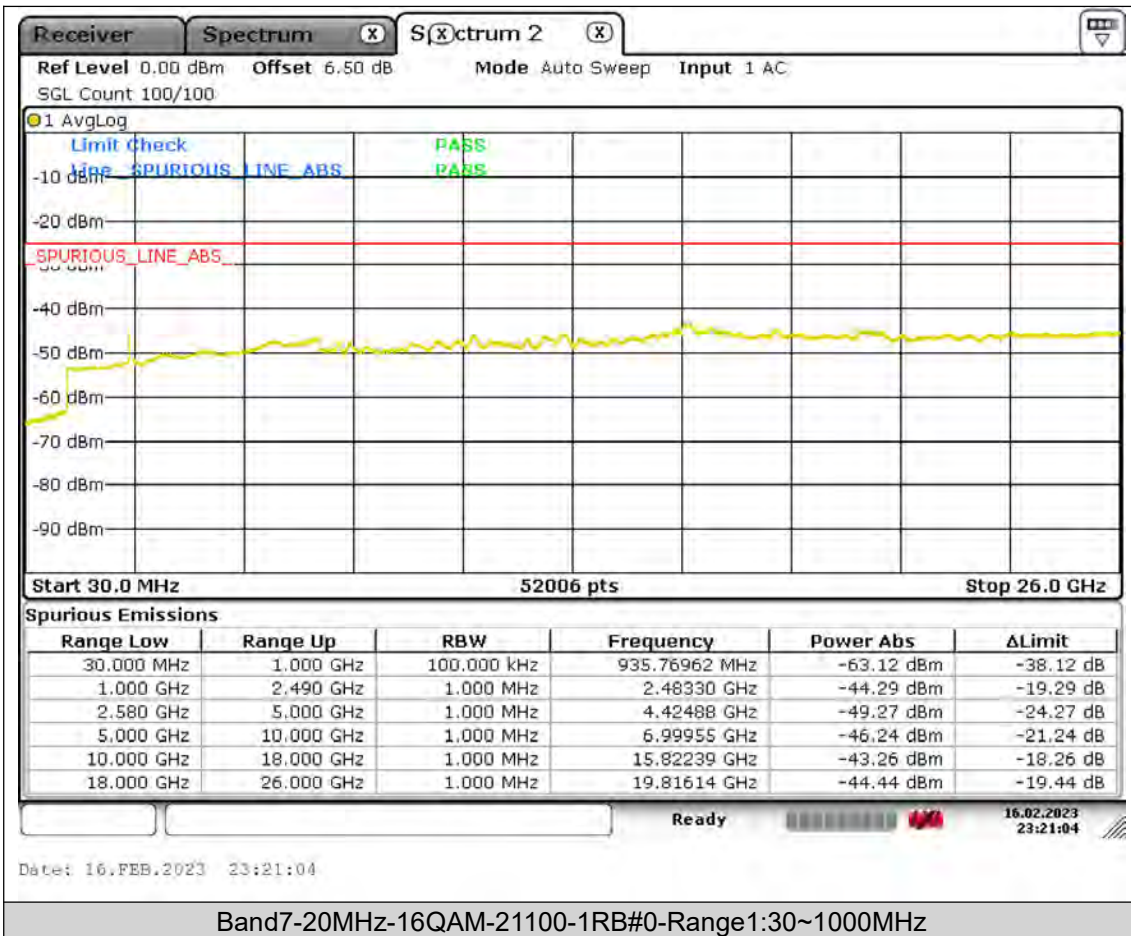
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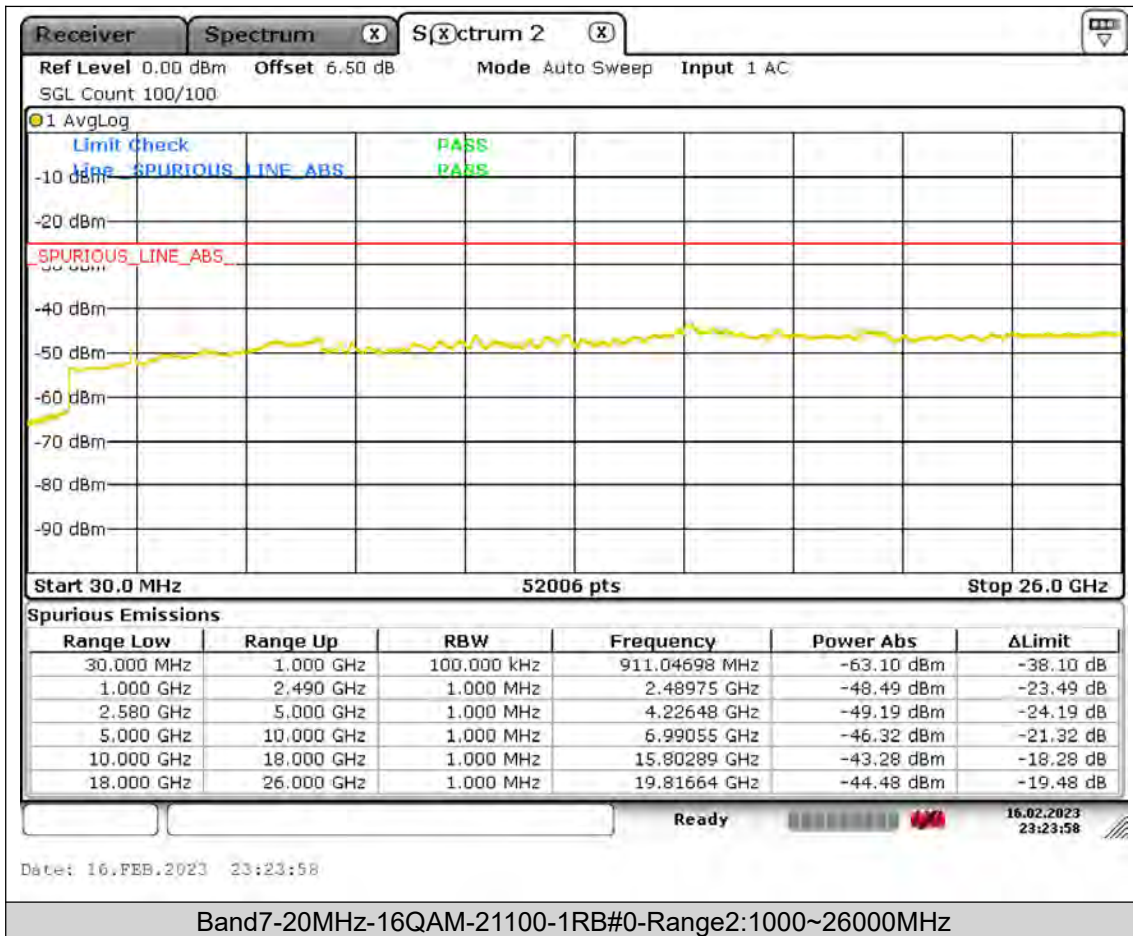
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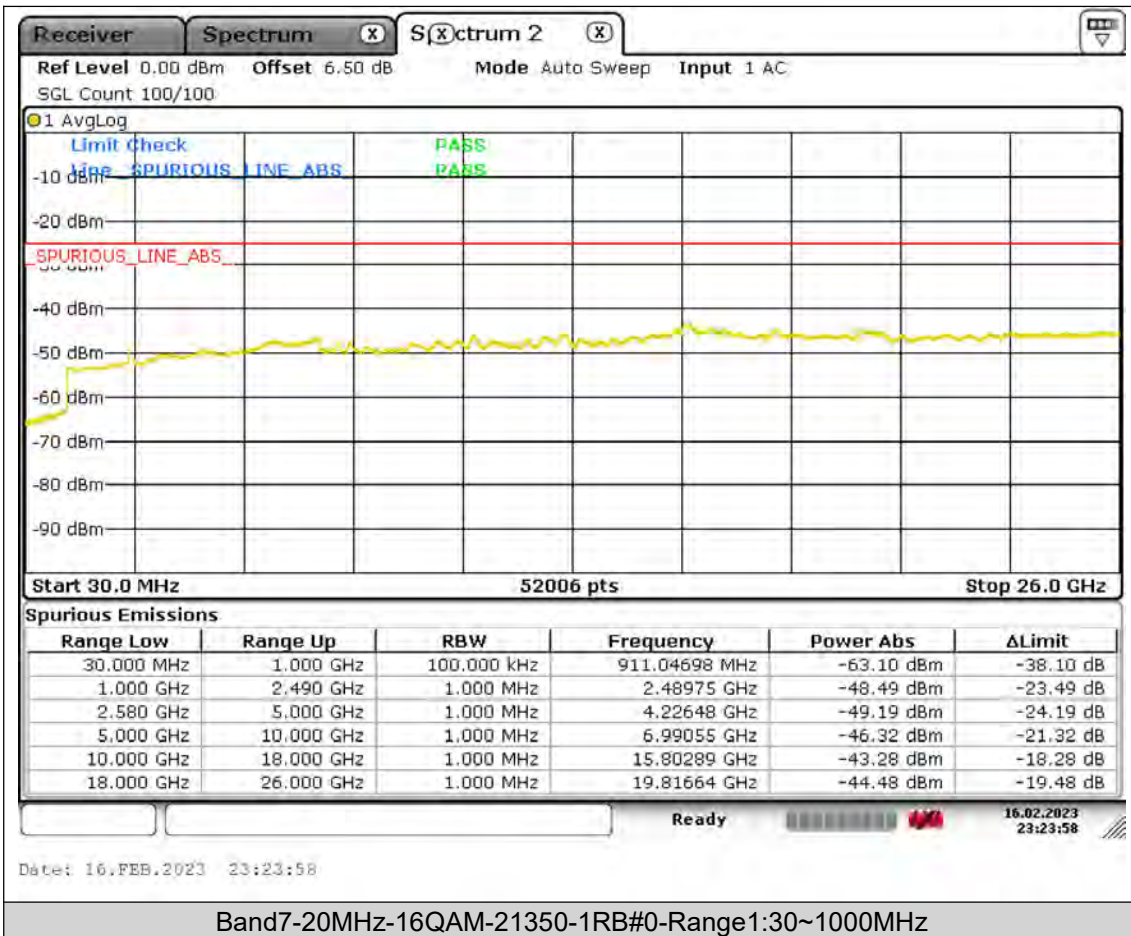
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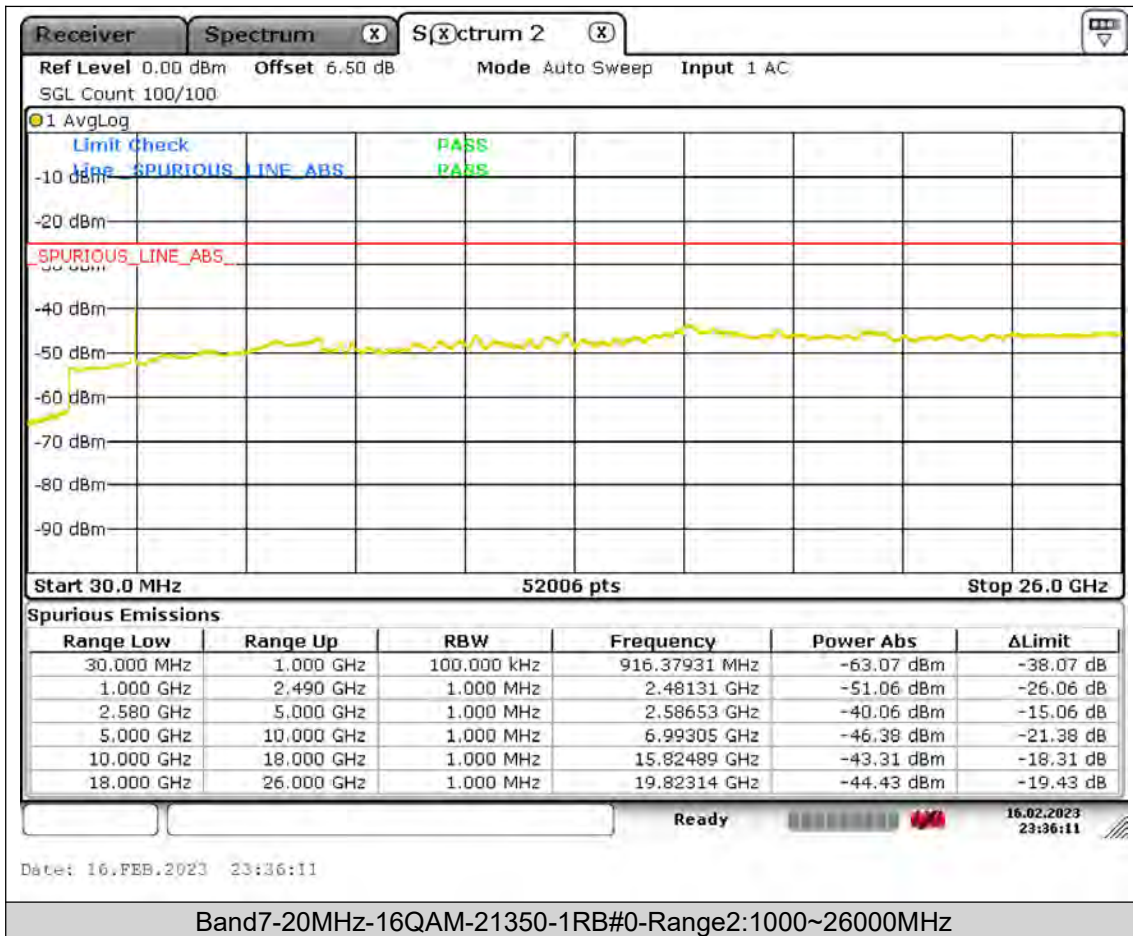
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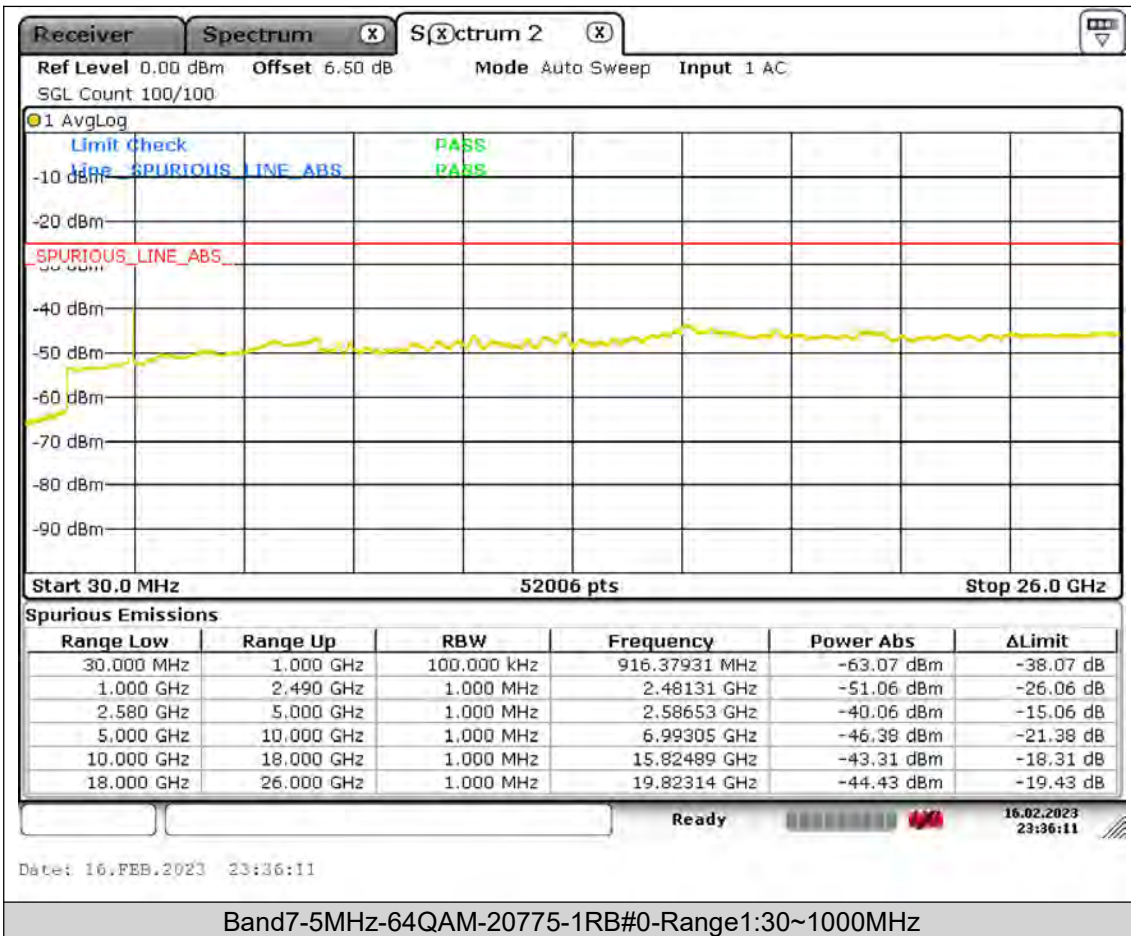
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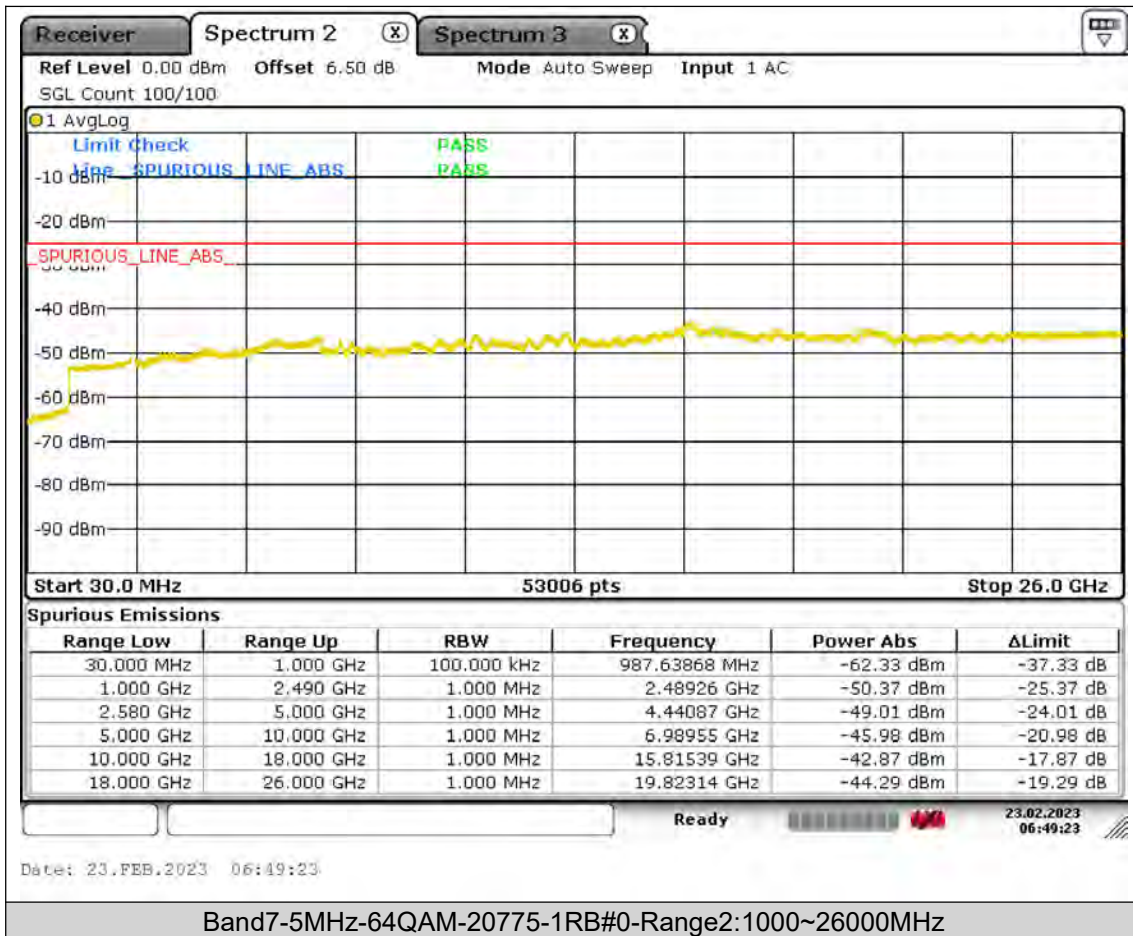
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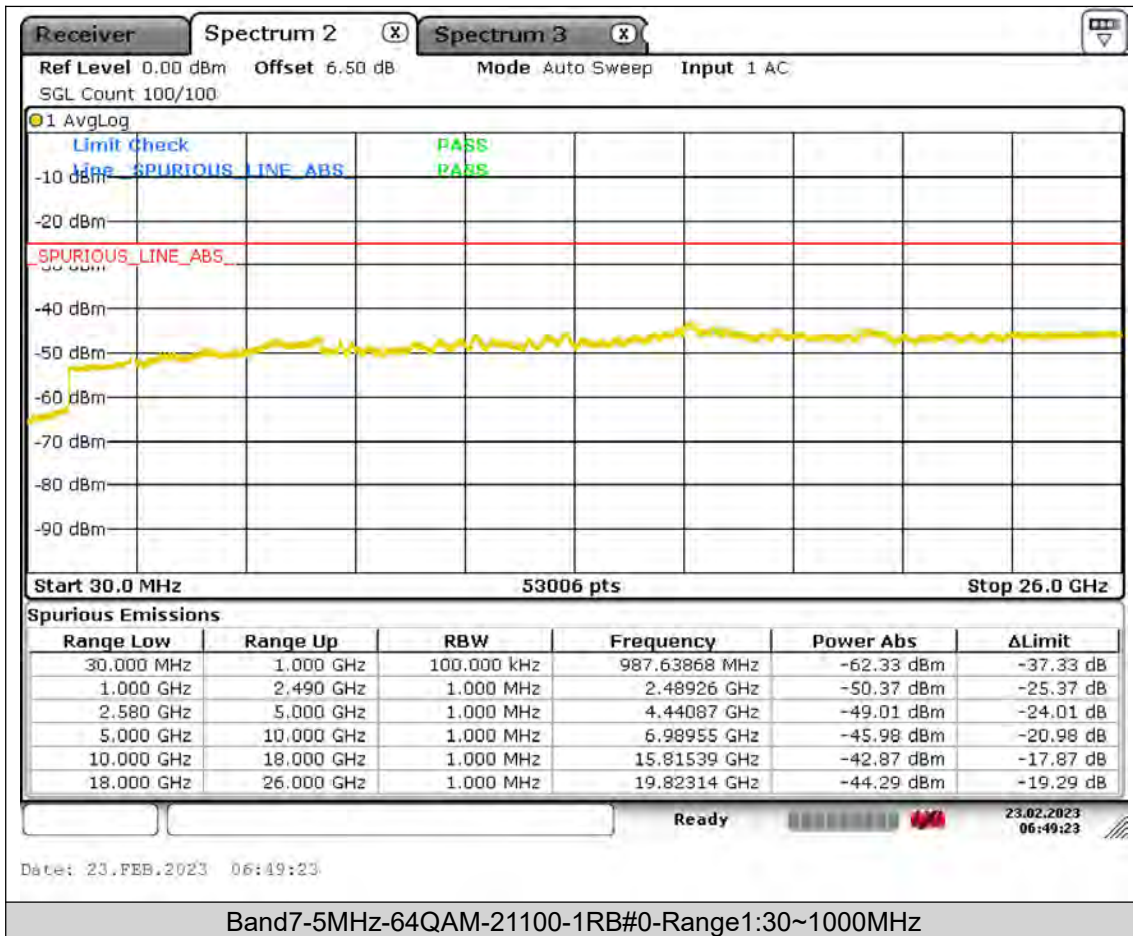
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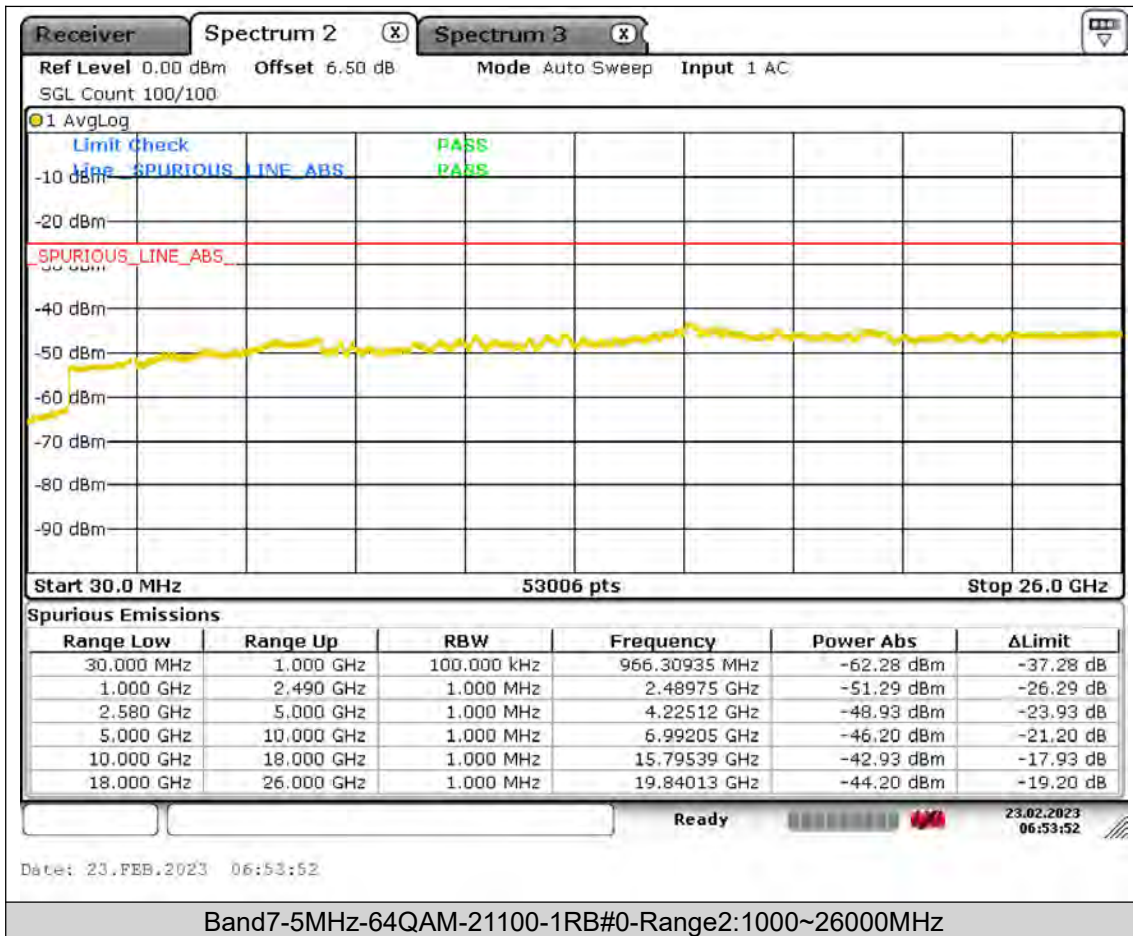
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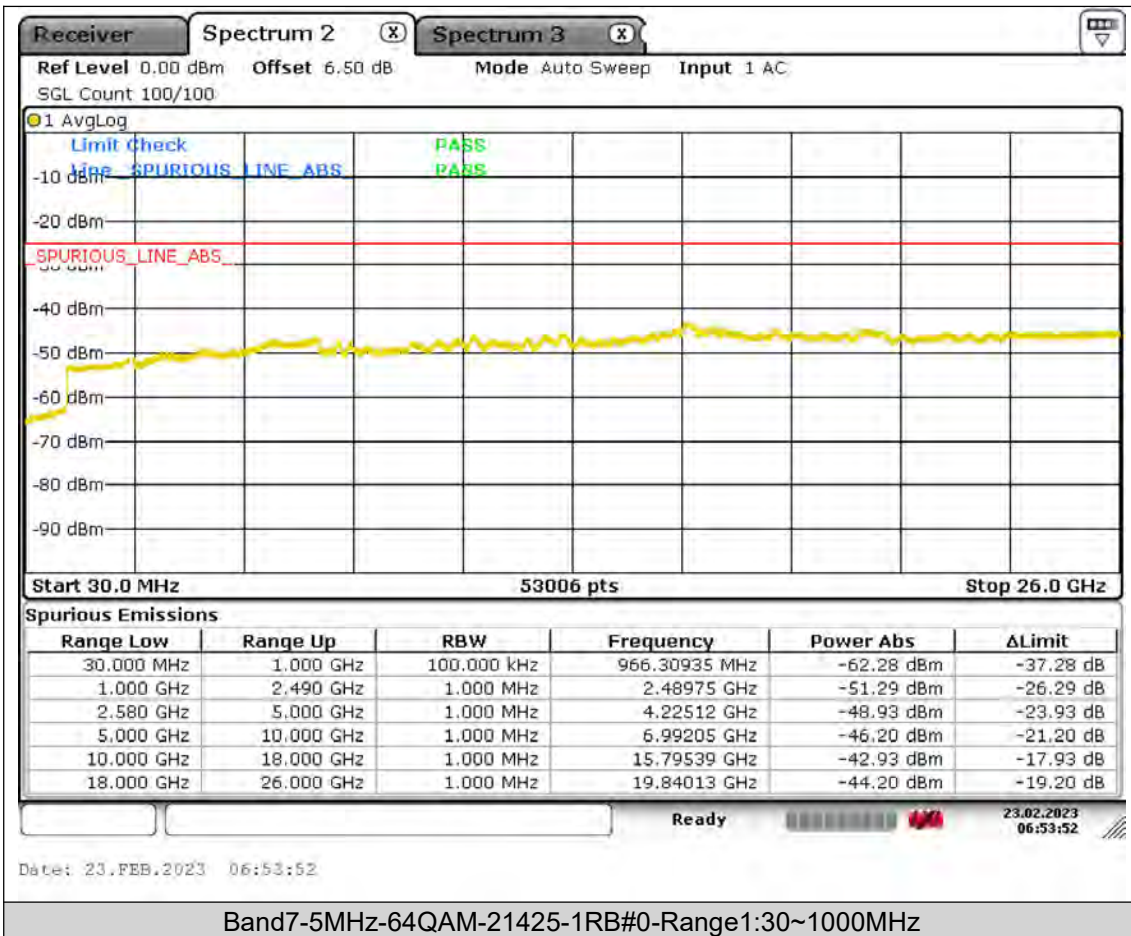
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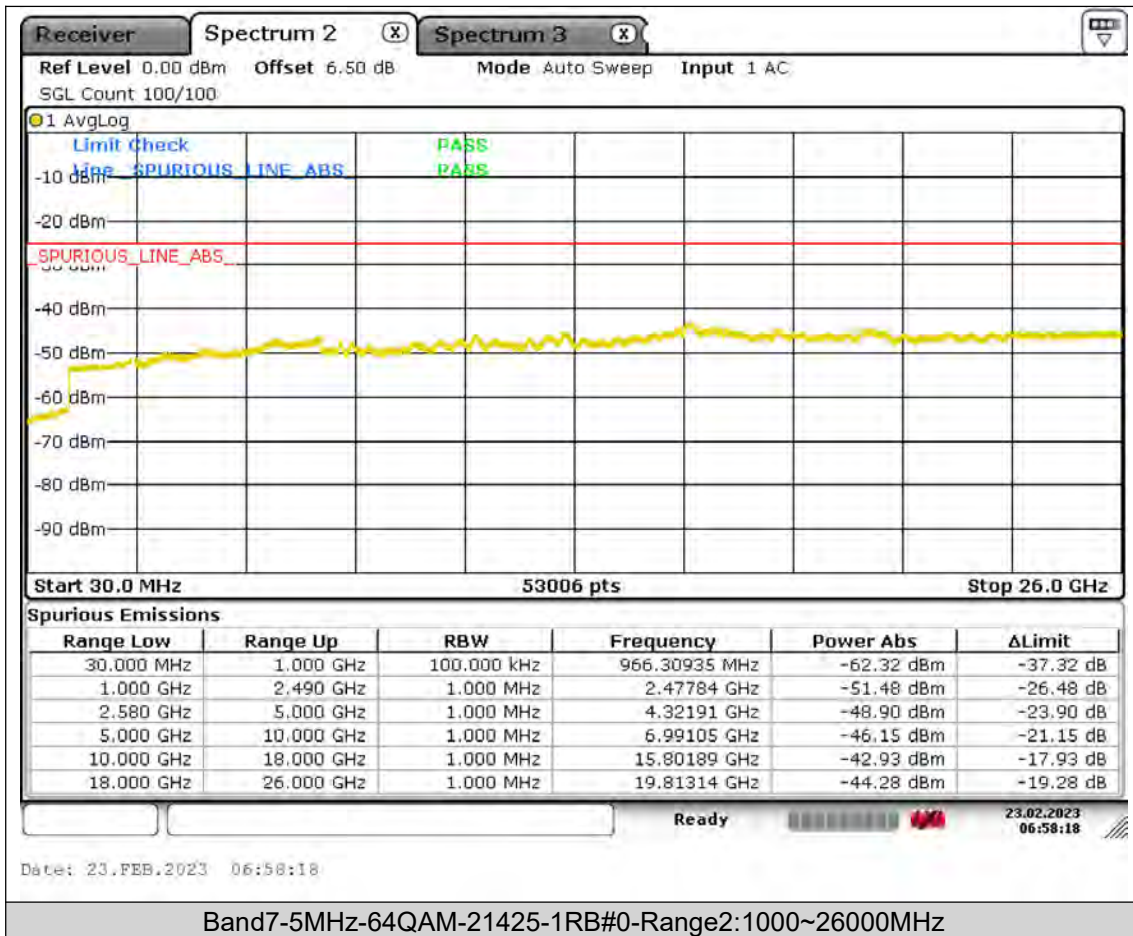
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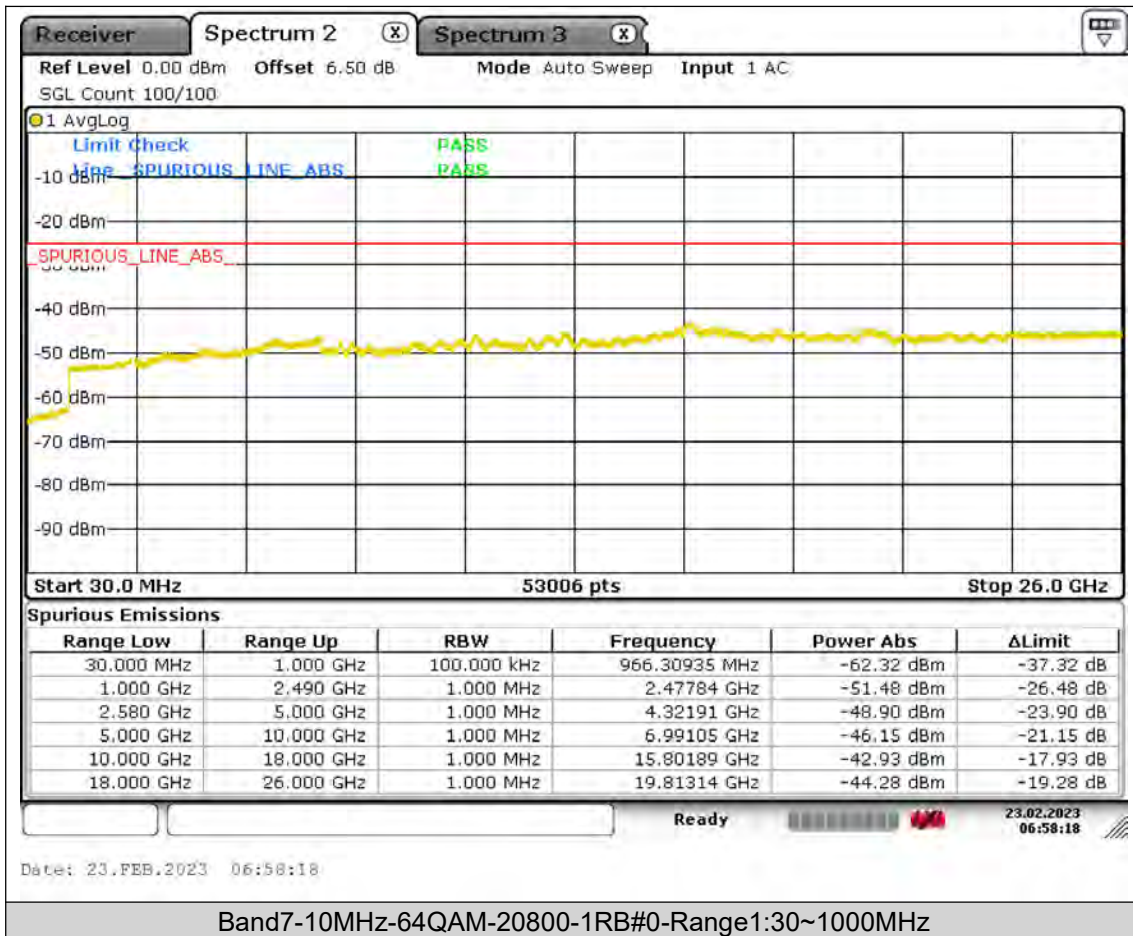
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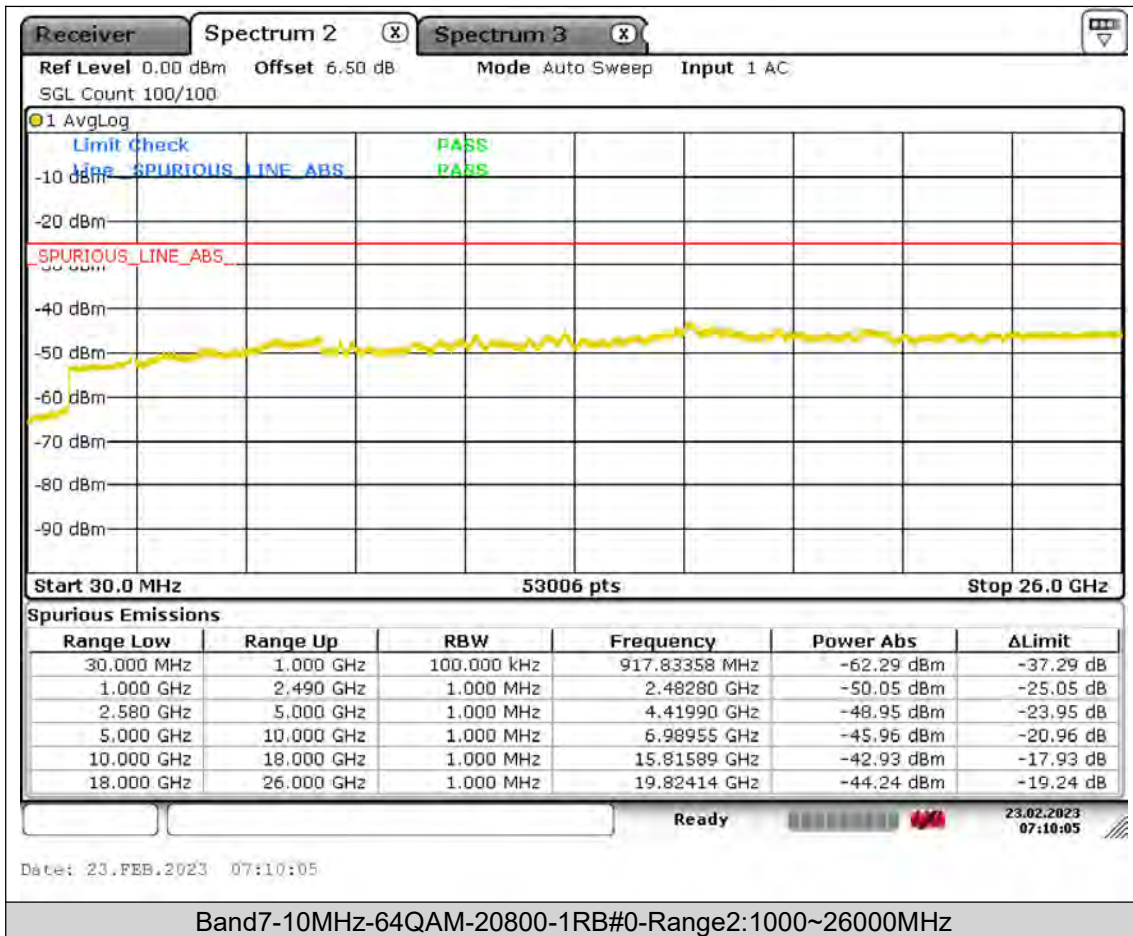
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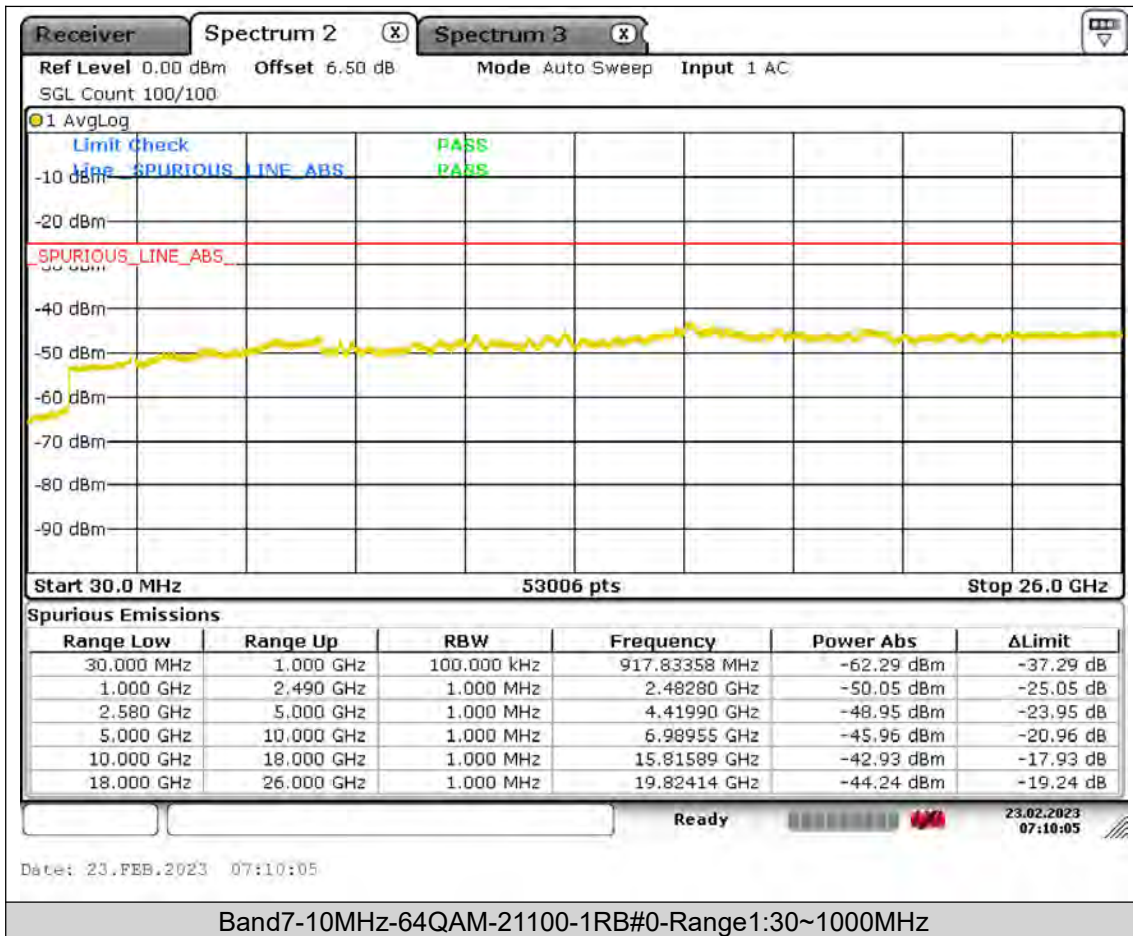
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VERITAS

Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

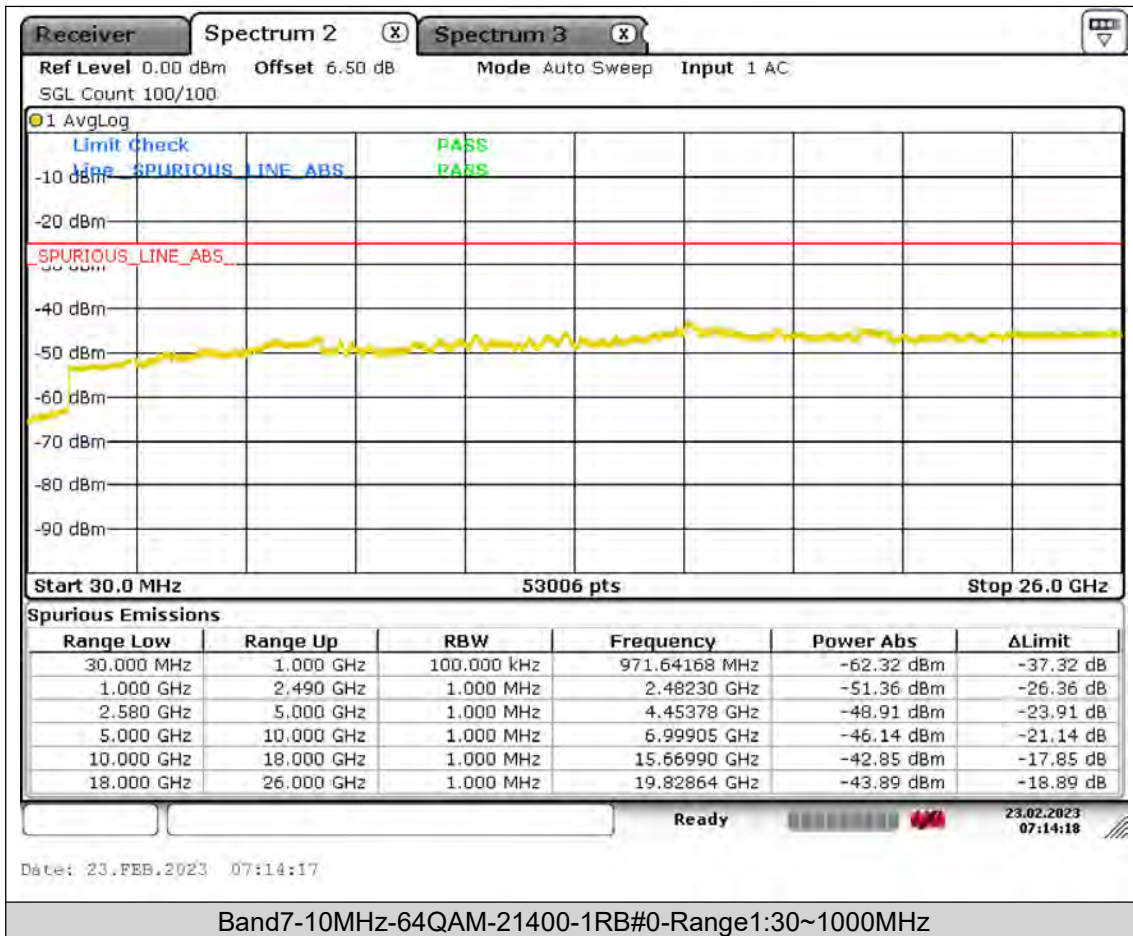
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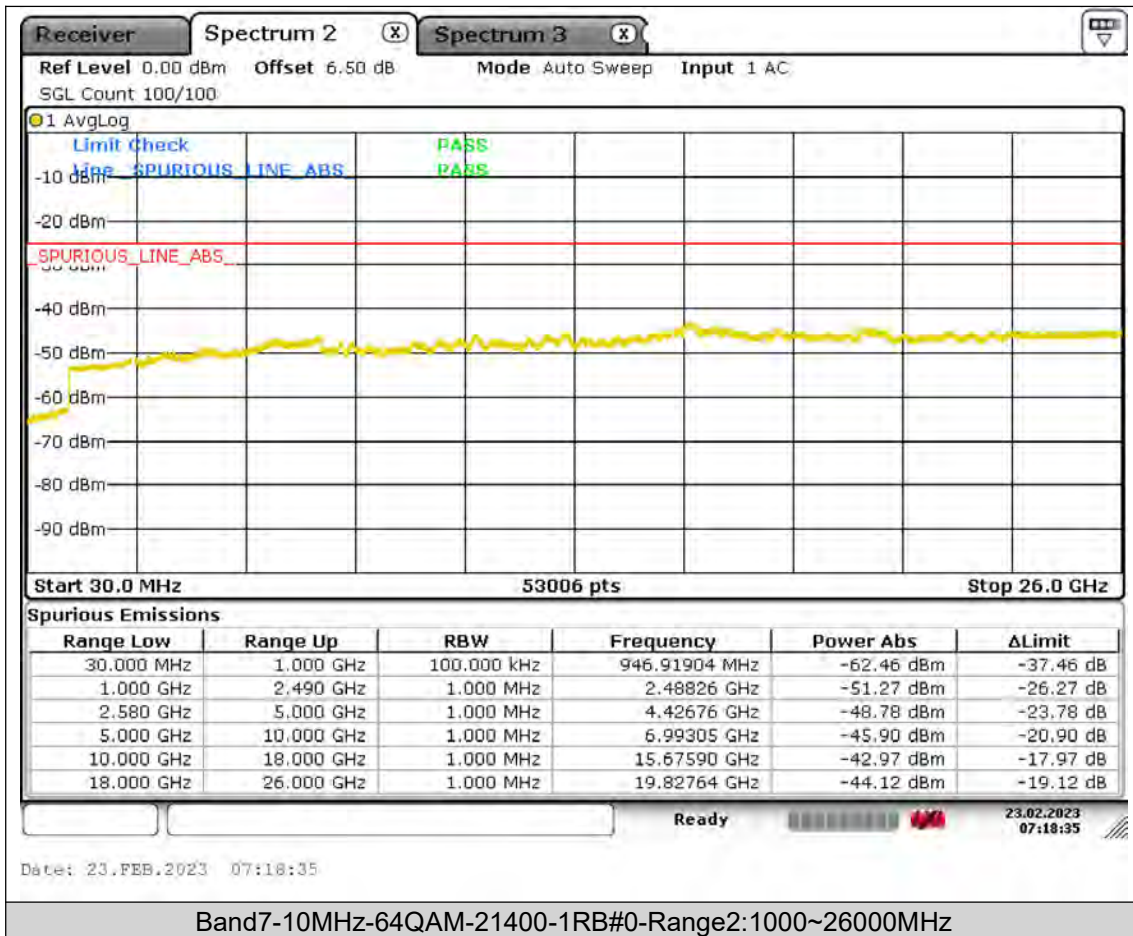
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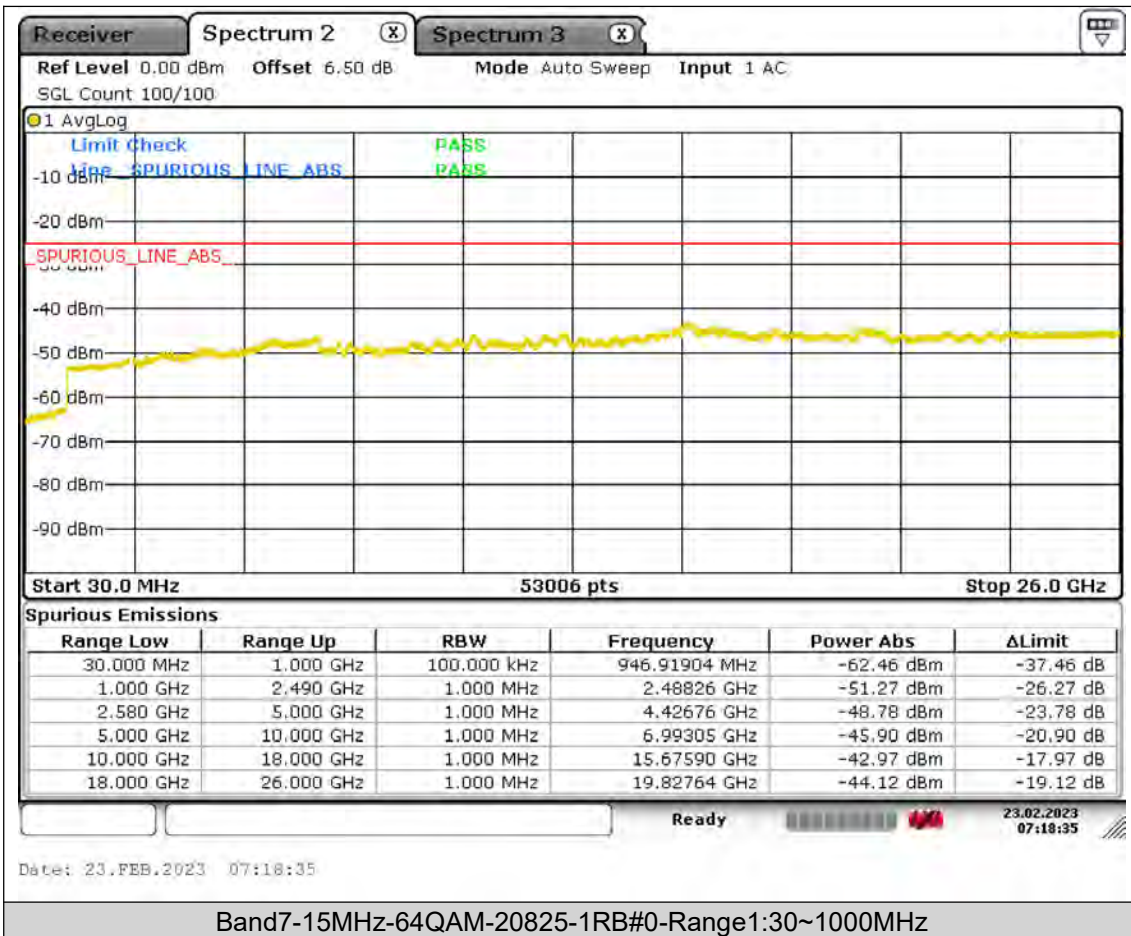
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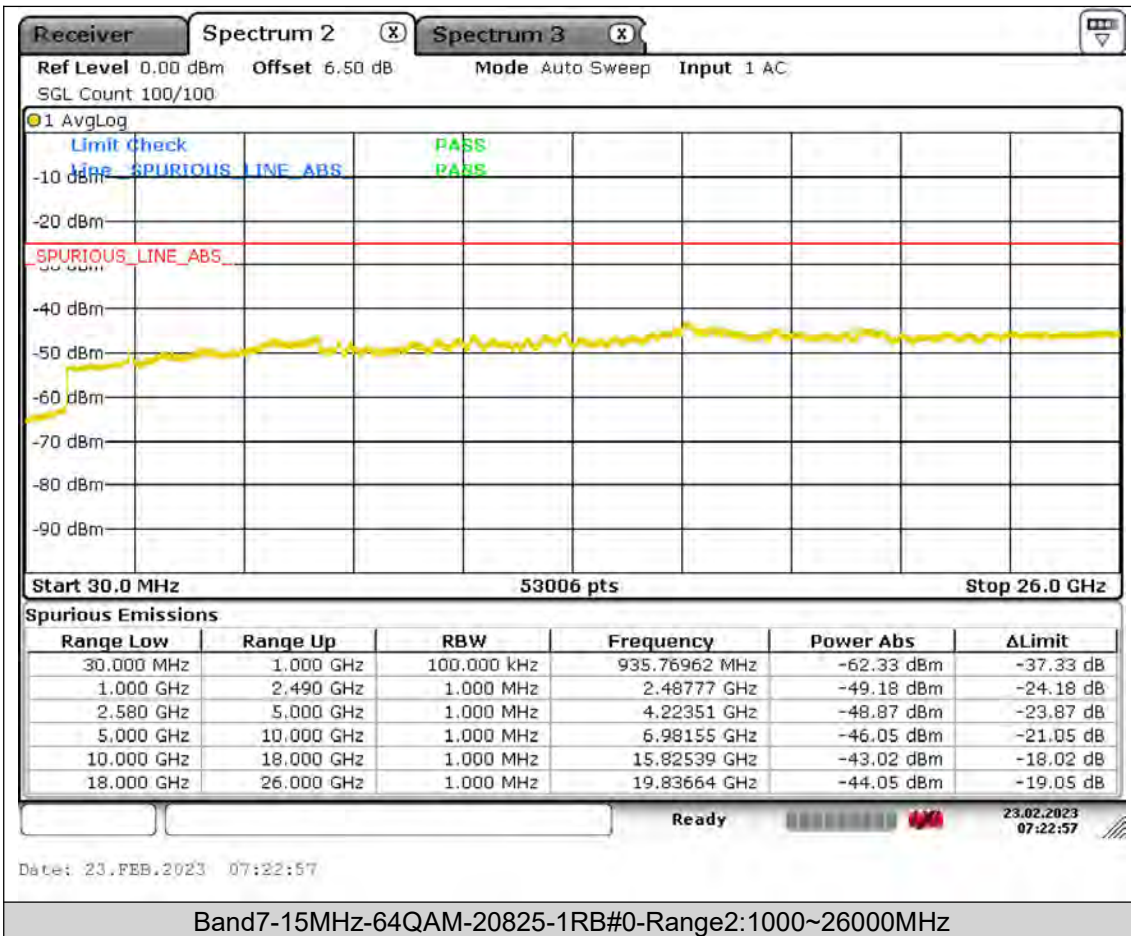
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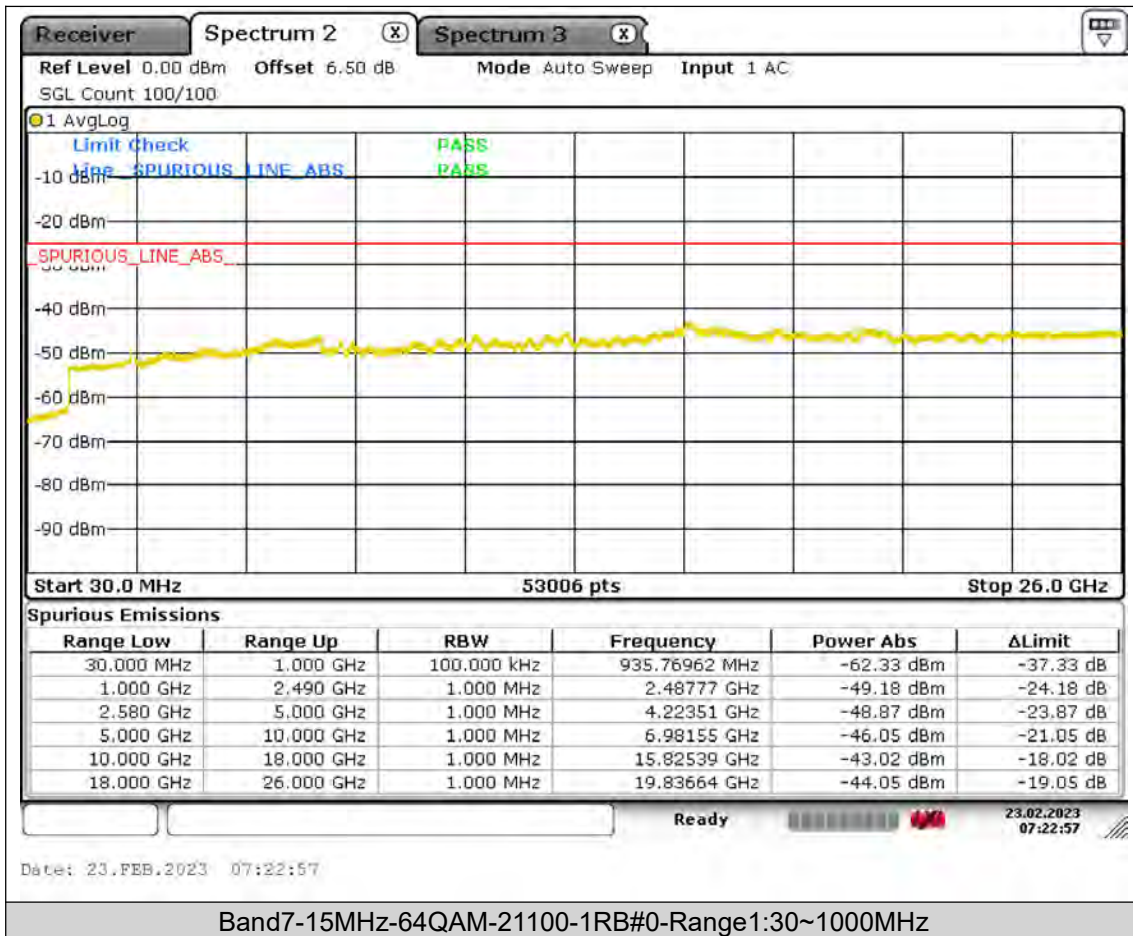
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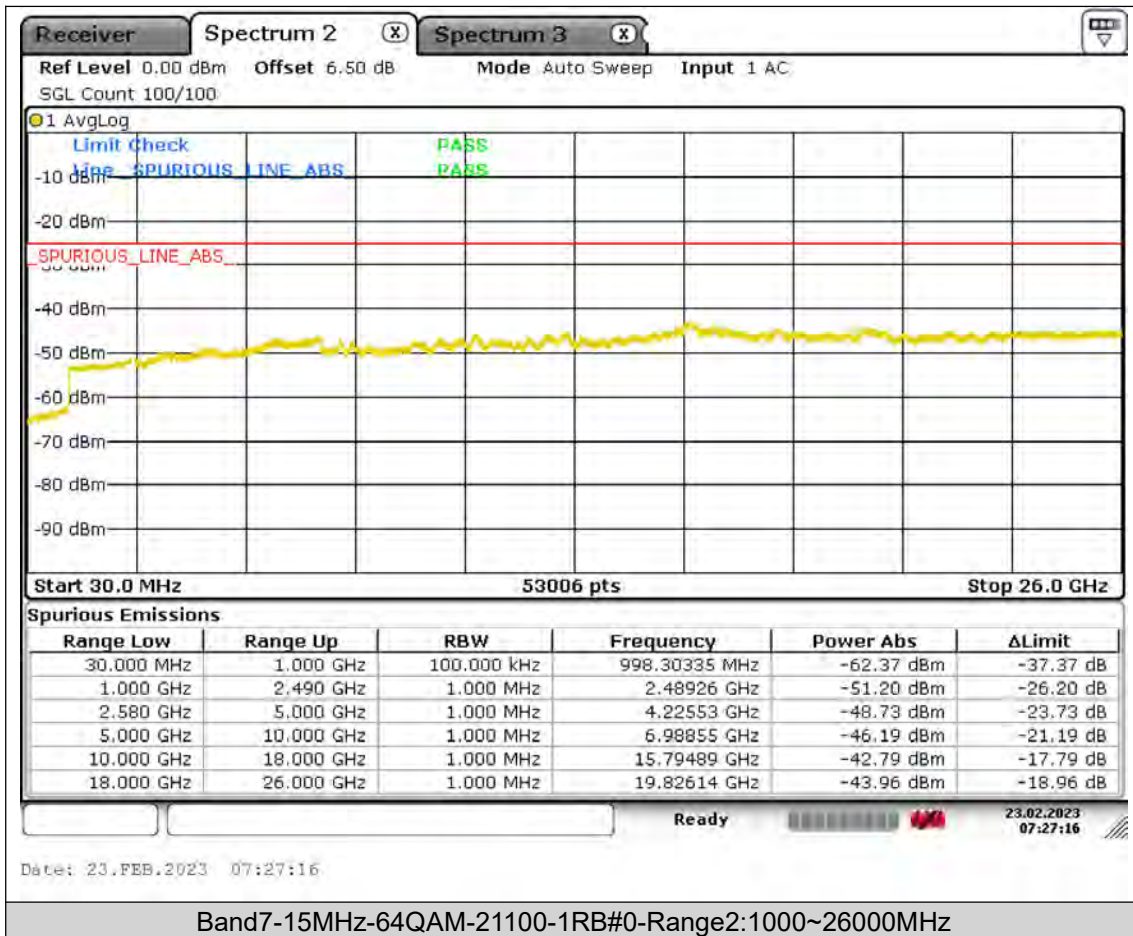
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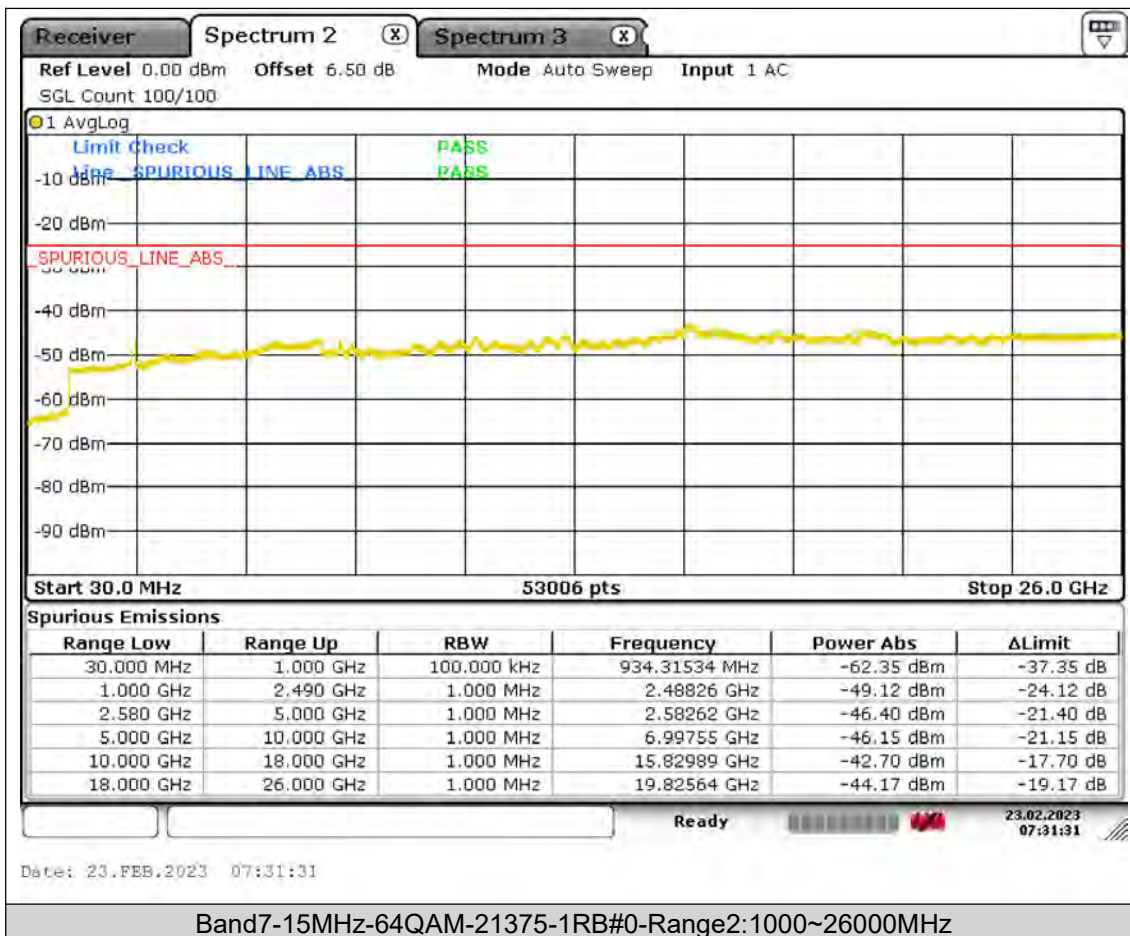
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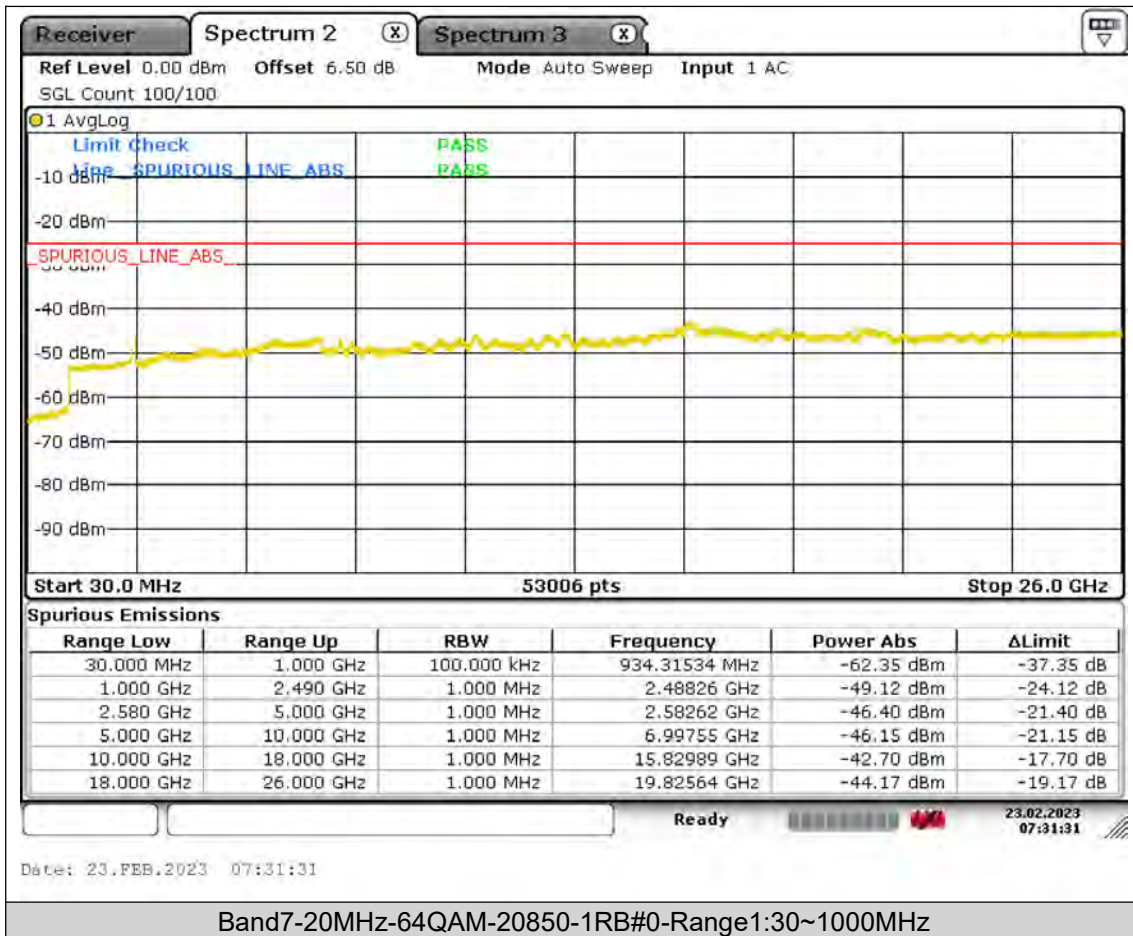
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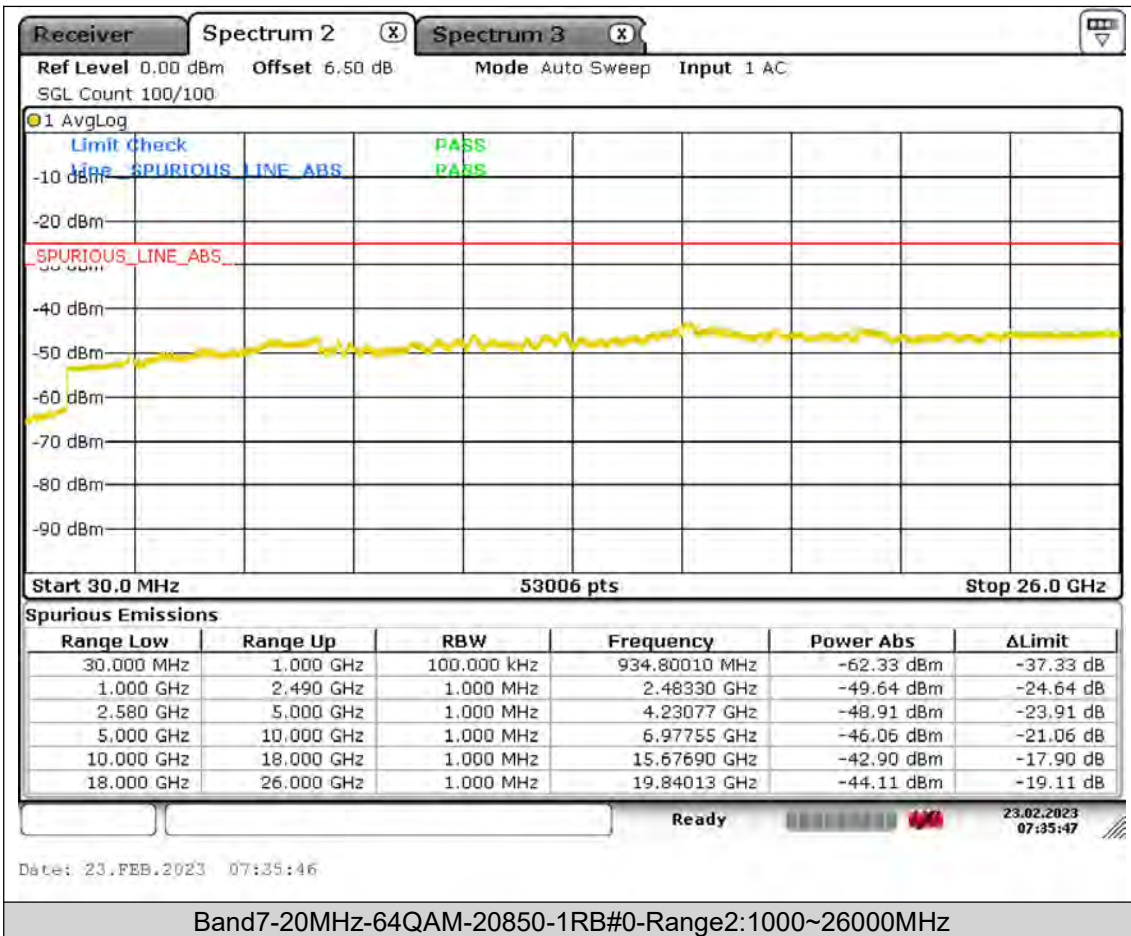
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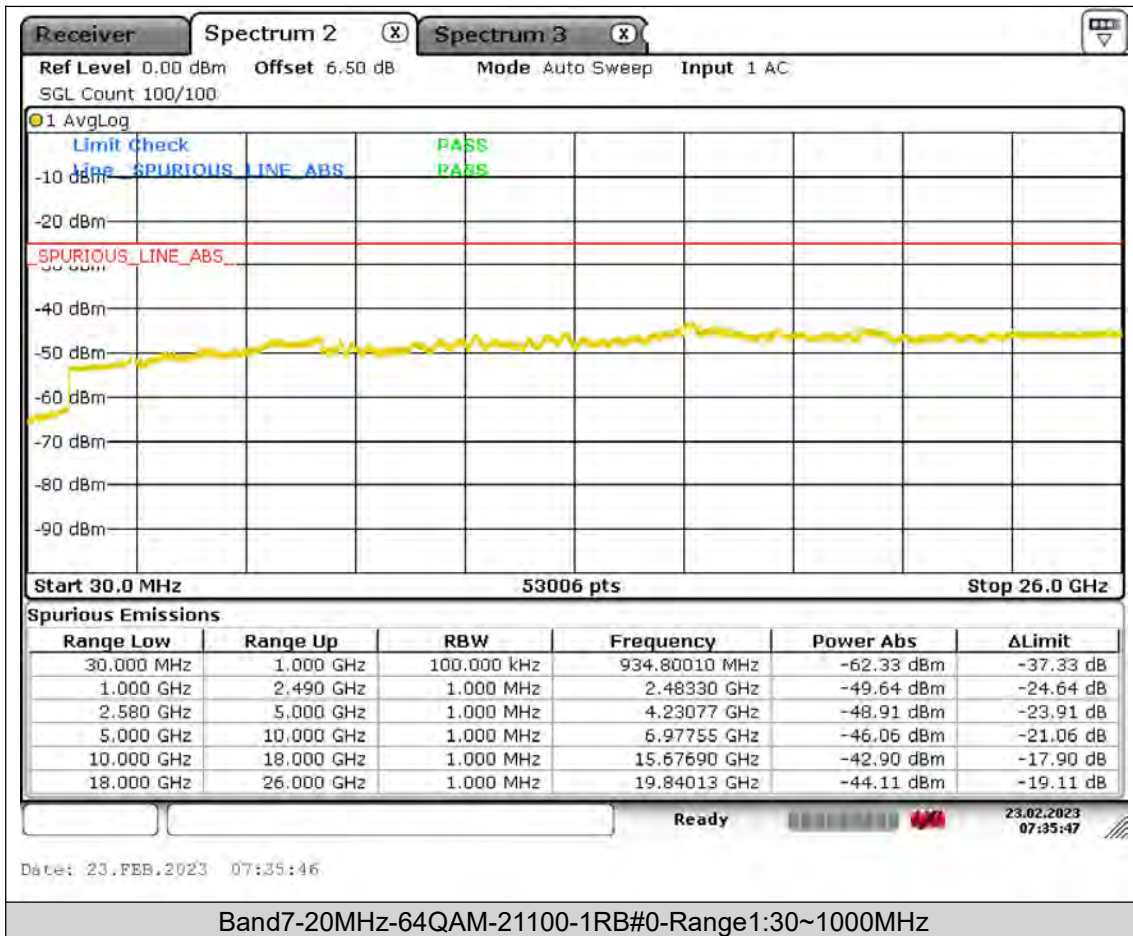
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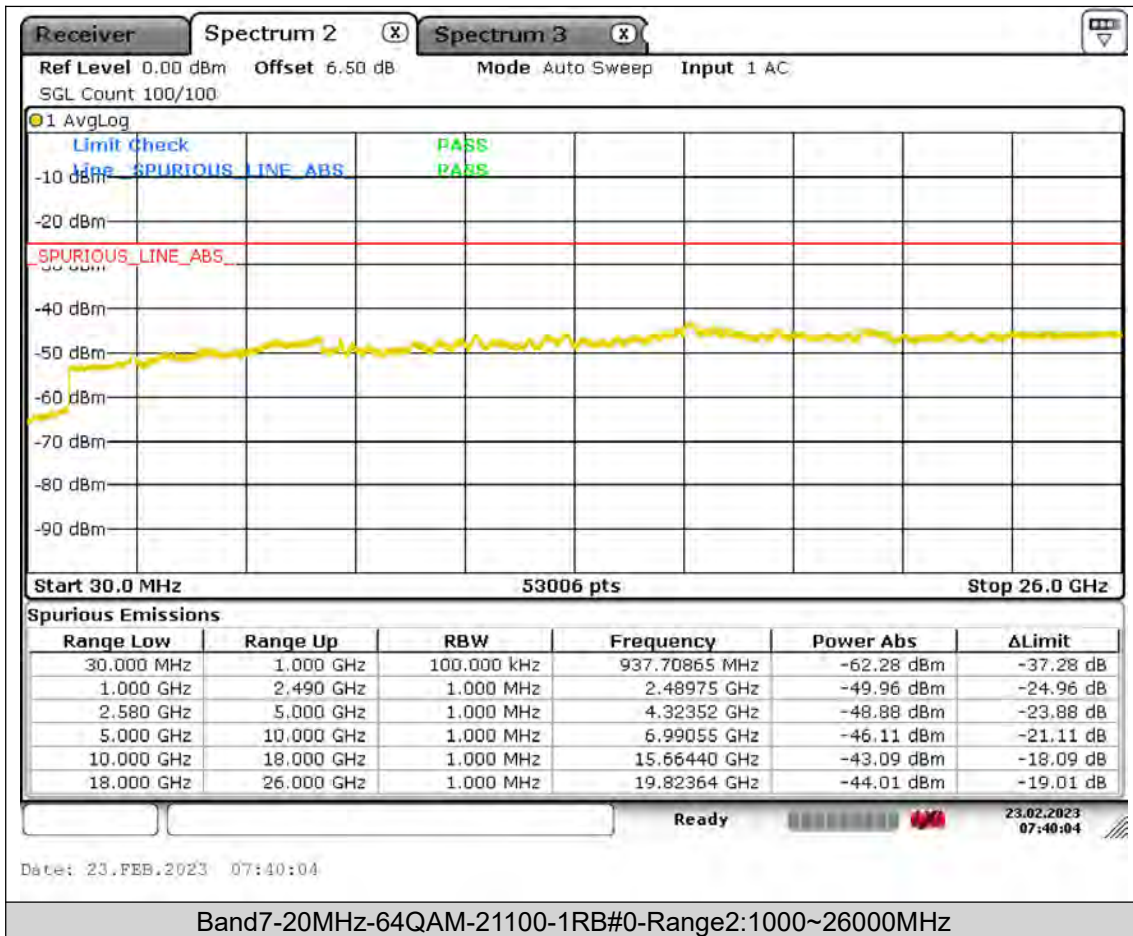
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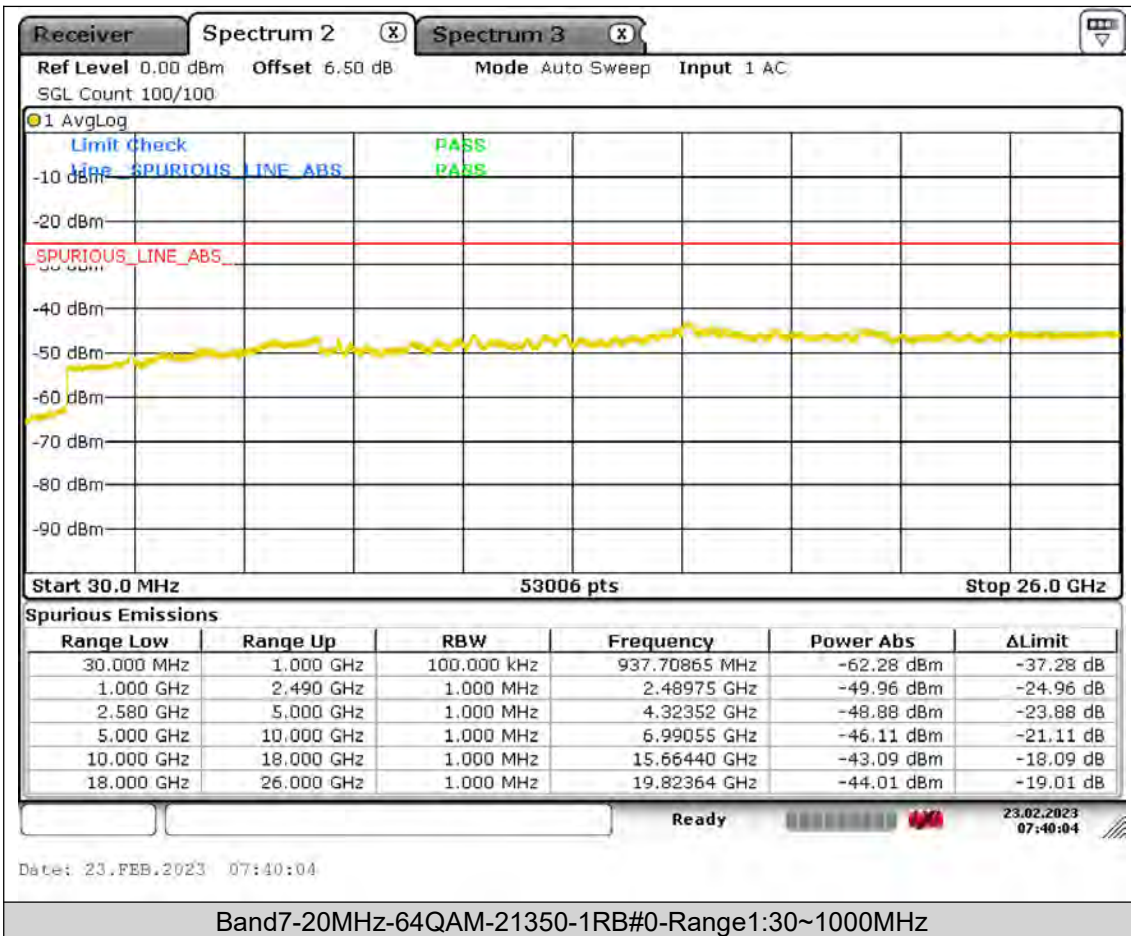
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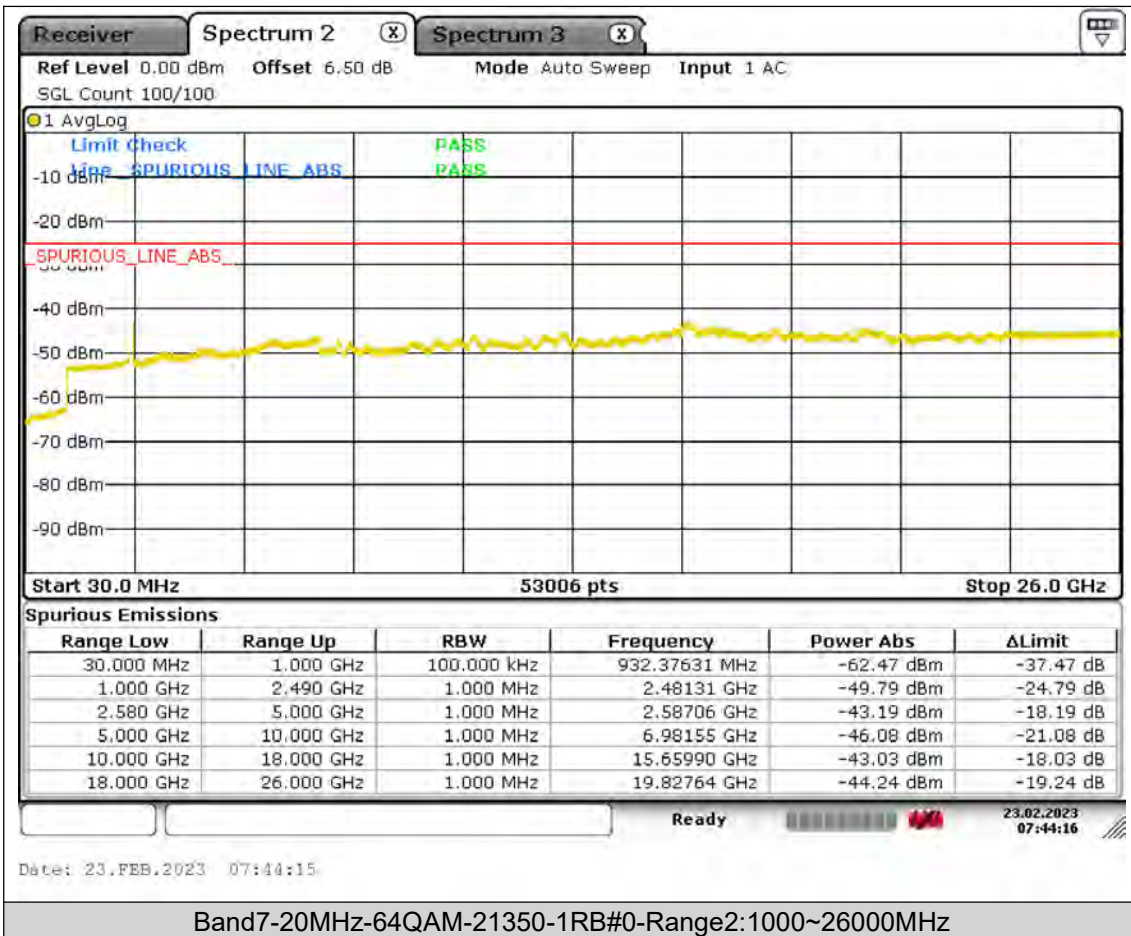
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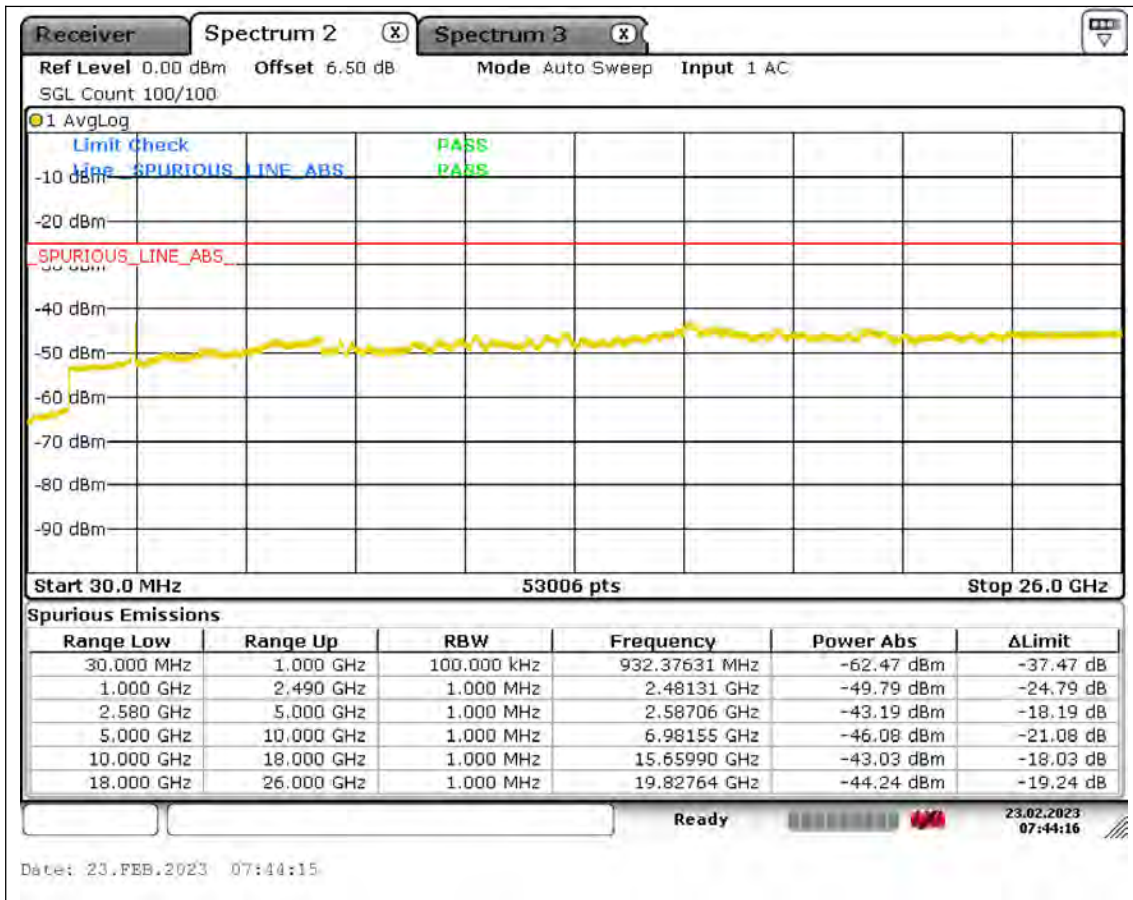
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BUREAU
VERITAS

Test Report No.: W7L-P23010016RF03





Test Report No.: W7L-P23010016RF03

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-21.3	-0.008486	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	7.2	0.002869	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	12.4	0.004940	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-9.3	-0.003669	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-15.7	-0.006193	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	4.6	0.001815	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	5.4	0.002109	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-10.9	-0.004258	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-6.8	-0.002656	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-3.6	-0.001434	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-11.2	-0.004462	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	14.4	0.005737	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	5	0.001972	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-9.6	-0.003787	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-3.8	-0.001499	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	-1	-0.000391	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	8.2	0.003203	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	15.4	0.006016	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	10.41	0.004147	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	17.5	0.006972	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	-19.4	-0.007729	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	19.3	0.007613	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	-9.5	-0.003748	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	-5.9	-0.002327	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	-15.1	-0.005898	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	-19.3	-0.007539	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	13.8	0.005391	±2.5	PASS



Test Report No.: W7L-P23010016RF03

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	2510	100RB#0	NV	-30	22	0.008765	±2.5	PASS
Band7	20MHz	QPSK	2510	100RB#0	NV	-20	-14.3	-0.005697	±2.5	PASS
Band7	20MHz	QPSK	2510	100RB#0	NV	0	-3.2	-0.001275	±2.5	PASS
Band7	20MHz	QPSK	2510	100RB#0	NV	10	-5	-0.001992	±2.5	PASS
Band7	20MHz	QPSK	2510	100RB#0	NV	20	29.8	0.011873	±2.5	PASS
Band7	20MHz	QPSK	2510	100RB#0	NV	30	4	0.001594	±2.5	PASS
Band7	20MHz	QPSK	2510	100RB#0	NV	40	25.2	0.010040	±2.5	PASS
Band7	20MHz	QPSK	2510	100RB#0	NV	50	3.1	0.001235	±2.5	PASS
Band7	20MHz	QPSK	2535	100RB#0	NV	-30	-22.9	-0.009034	±2.5	PASS
Band7	20MHz	QPSK	2535	100RB#0	NV	-20	-28	-0.011045	±2.5	PASS
Band7	20MHz	QPSK	2535	100RB#0	NV	0	-17.4	-0.006864	±2.5	PASS
Band7	20MHz	QPSK	2535	100RB#0	NV	10	-17.1	-0.006746	±2.5	PASS
Band7	20MHz	QPSK	2535	100RB#0	NV	20	8.7	0.003432	±2.5	PASS
Band7	20MHz	QPSK	2535	100RB#0	NV	30	-2.5	-0.000986	±2.5	PASS
Band7	20MHz	QPSK	2535	100RB#0	NV	40	-23	-0.009073	±2.5	PASS
Band7	20MHz	QPSK	2535	100RB#0	NV	50	-20.2	-0.007968	±2.5	PASS
Band7	20MHz	QPSK	2560	100RB#0	NV	-30	7.7	0.003008	±2.5	PASS
Band7	20MHz	QPSK	2560	100RB#0	NV	-20	-14.9	-0.005820	±2.5	PASS
Band7	20MHz	QPSK	2560	100RB#0	NV	0	2.5	0.000977	±2.5	PASS
Band7	20MHz	QPSK	2560	100RB#0	NV	10	-27.7	-0.010820	±2.5	PASS
Band7	20MHz	QPSK	2560	100RB#0	NV	20	-14.9	-0.005820	±2.5	PASS
Band7	20MHz	QPSK	2560	100RB#0	NV	30	-18.3	-0.007148	±2.5	PASS
Band7	20MHz	QPSK	2560	100RB#0	NV	40	-17.3	-0.006758	±2.5	PASS
Band7	20MHz	QPSK	2560	100RB#0	NV	50	-4.1	-0.001602	±2.5	PASS
Band7	20MHz	16QAM	2510	100RB#0	NV	-30	-5.2	-0.002072	±2.5	PASS
Band7	20MHz	16QAM	2510	100RB#0	NV	-20	14.9	0.005936	±2.5	PASS
Band7	20MHz	16QAM	2510	100RB#0	NV	0	9.9	0.003944	±2.5	PASS
Band7	20MHz	16QAM	2510	100RB#0	NV	10	17.1	0.006813	±2.5	PASS
Band7	20MHz	16QAM	2510	100RB#0	NV	20	16.2	0.006454	±2.5	PASS
Band7	20MHz	16QAM	2510	100RB#0	NV	30	-9.2	-0.003665	±2.5	PASS
Band7	20MHz	16QAM	2510	100RB#0	NV	40	18.3	0.007291	±2.5	PASS
Band7	20MHz	16QAM	2510	100RB#0	NV	50	24.2	0.009641	±2.5	PASS
Band7	20MHz	16QAM	2535	100RB#0	NV	-30	-13.1	-0.005168	±2.5	PASS
Band7	20MHz	16QAM	2535	100RB#0	NV	-20	22.3	0.008797	±2.5	PASS
Band7	20MHz	16QAM	2535	100RB#0	NV	0	17.6	0.006943	±2.5	PASS
Band7	20MHz	16QAM	2535	100RB#0	NV	10	25	0.009862	±2.5	PASS
Band7	20MHz	16QAM	2535	100RB#0	NV	20	-20.8	-0.008205	±2.5	PASS
Band7	20MHz	16QAM	2535	100RB#0	NV	30	14	0.005523	±2.5	PASS
Band7	20MHz	16QAM	2535	100RB#0	NV	40	-5.8	-0.002288	±2.5	PASS
Band7	20MHz	16QAM	2535	100RB#0	NV	50	-5	-0.001972	±2.5	PASS
Band7	20MHz	16QAM	2560	100RB#0	NV	-30	28.3	0.011055	±2.5	PASS
Band7	20MHz	16QAM	2560	100RB#0	NV	-20	5.3	0.002070	±2.5	PASS
Band7	20MHz	16QAM	2560	100RB#0	NV	0	16.9	0.006602	±2.5	PASS
Band7	20MHz	16QAM	2560	100RB#0	NV	10	33.4	0.013047	±2.5	PASS
Band7	20MHz	16QAM	2560	100RB#0	NV	20	-28.4	-0.011094	±2.5	PASS
Band7	20MHz	16QAM	2560	100RB#0	NV	30	13.5	0.005273	±2.5	PASS



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VERITAS

Test Report No.: W7L-P23010016RF03

Band7	20MHz	16QAM	2560	100RB#0	NV	40	25.2	0.009844	±2.5	PASS
Band7	20MHz	16QAM	2560	100RB#0	NV	50	-21.6	-0.008438	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	19.81	0.007892	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	-28.9	-0.011514	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	0.9	0.000359	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	10.2	0.004064	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	10.8	0.004303	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	9.1	0.003625	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	-2.8	-0.001116	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	-5.9	-0.002351	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	-11.6	-0.004576	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	-7	-0.002761	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	-20.6	-0.008126	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	-18.7	-0.007377	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	-26.5	-0.010454	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	-14.9	-0.005878	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	13.8	0.005444	±2.5	PASS



Test Report No.: W7L-P23010016RF03

LTE BAND12

PEAK-TO-AVERAGE RATIO(CCDF)

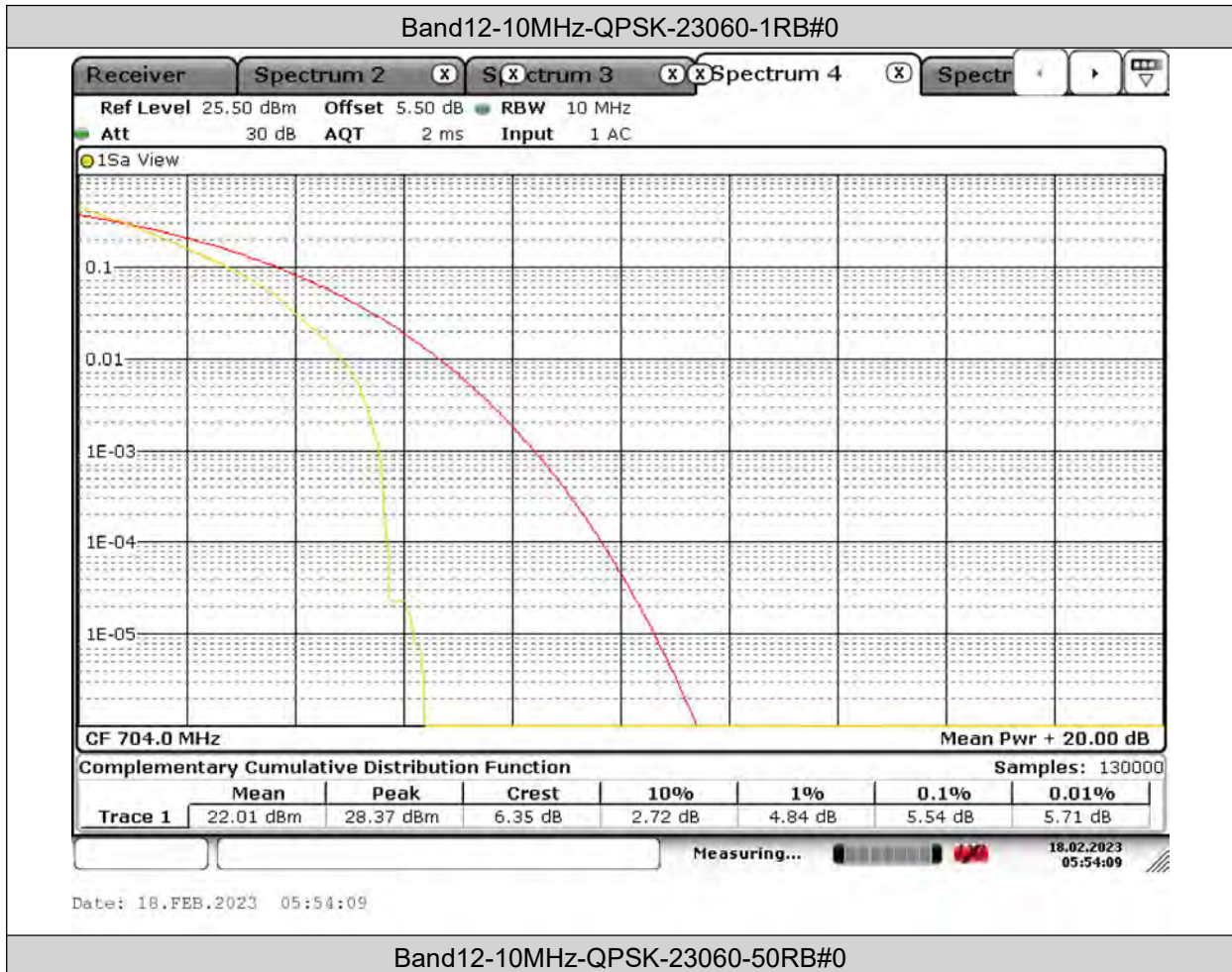
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	1RB#0	5.54	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.88	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.45	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.88	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.57	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.2	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.58	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.35	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.49	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.61	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.52	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	5.94	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.75	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	6.93	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.78	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	6.93	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.75	13	PASS



Test Report No.: W7L-P23010016RF03

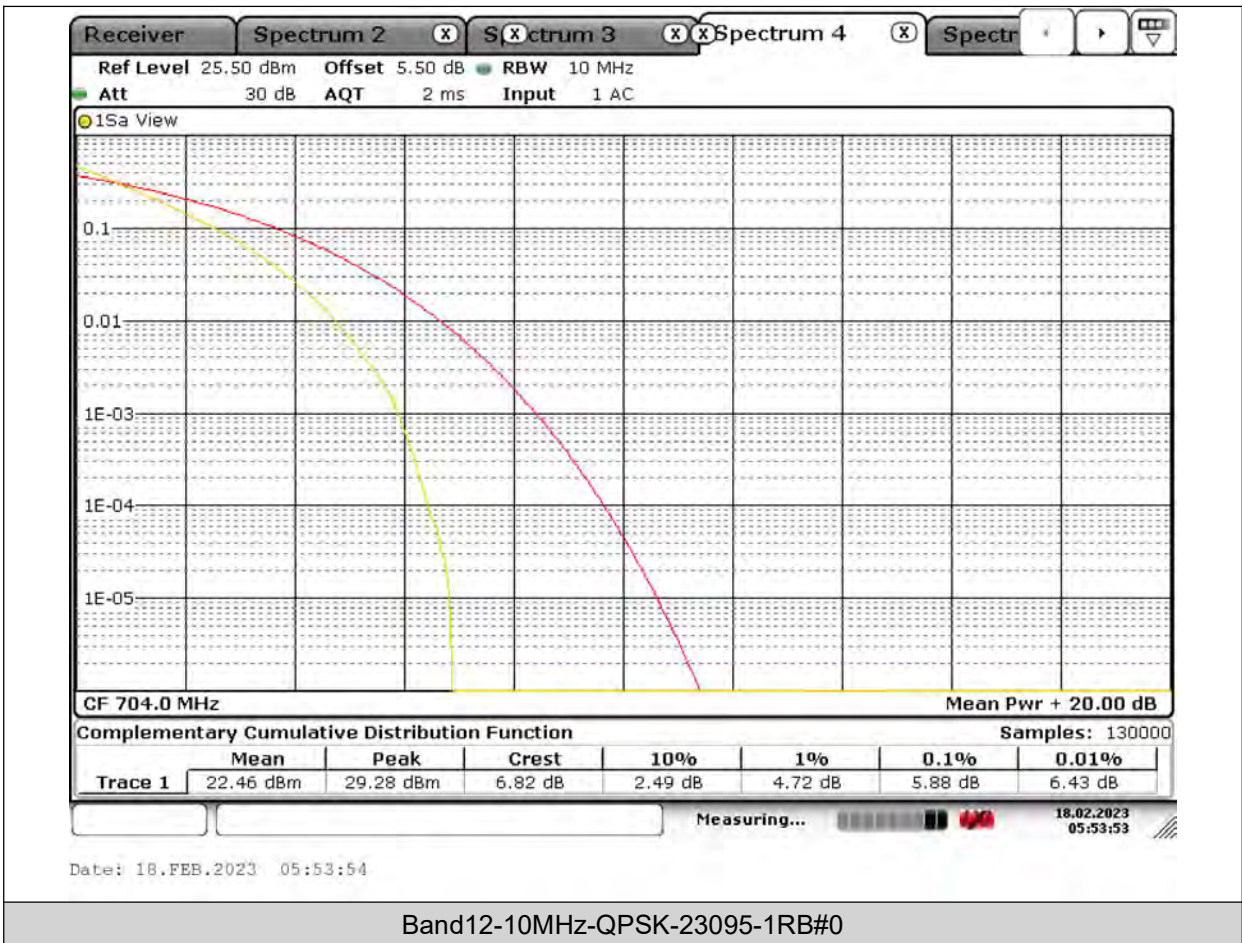
Test Graphs





BUREAU VERITAS

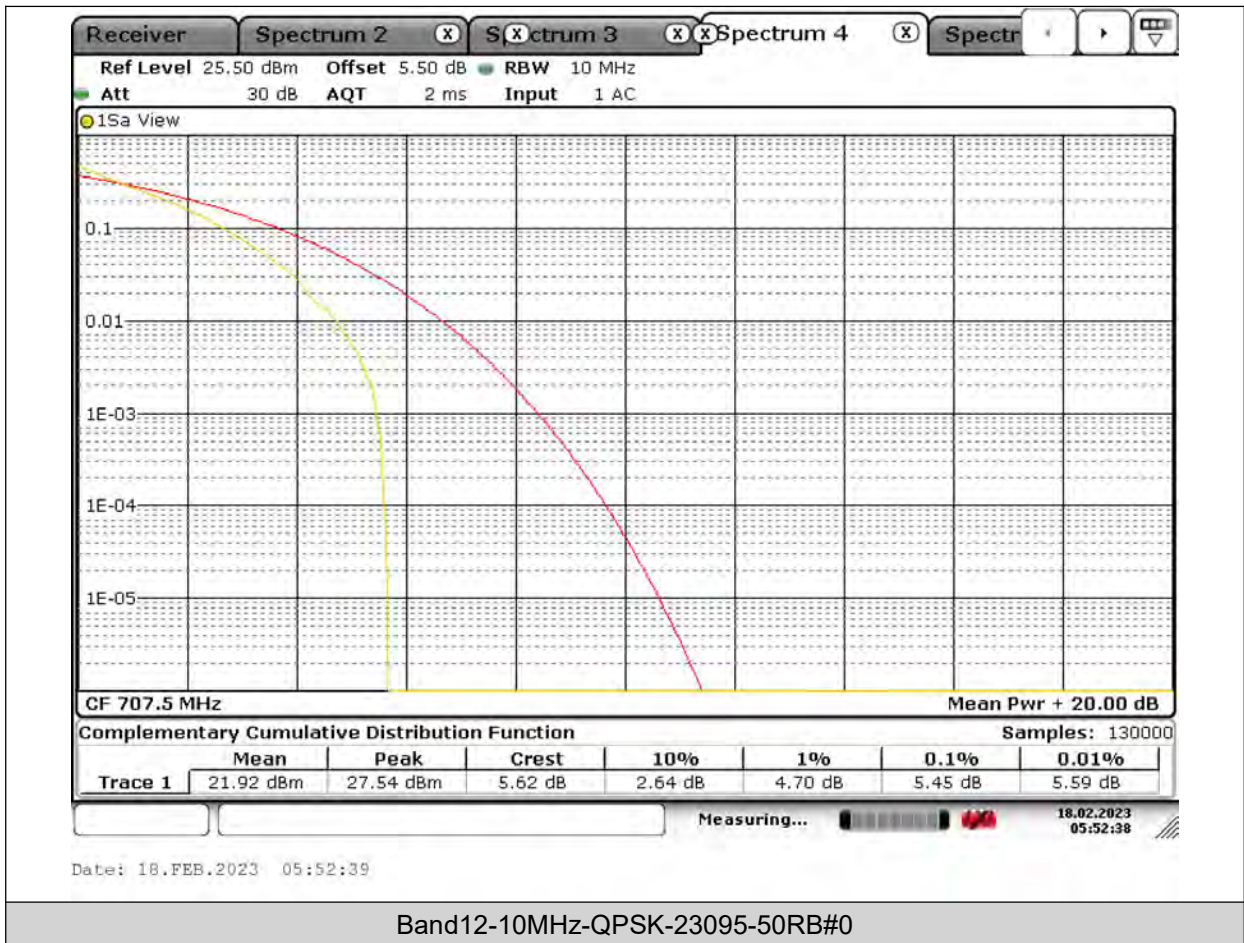
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

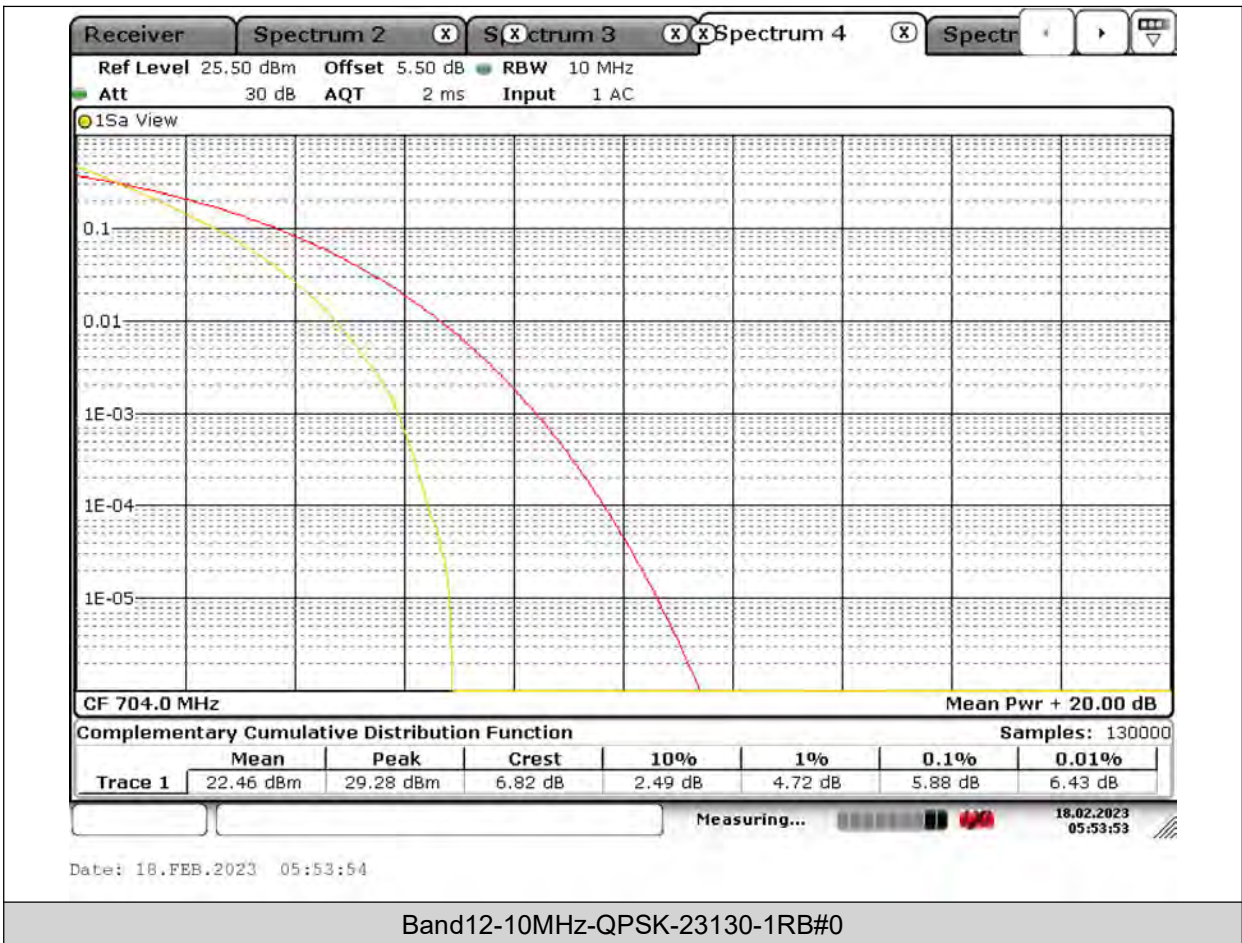
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

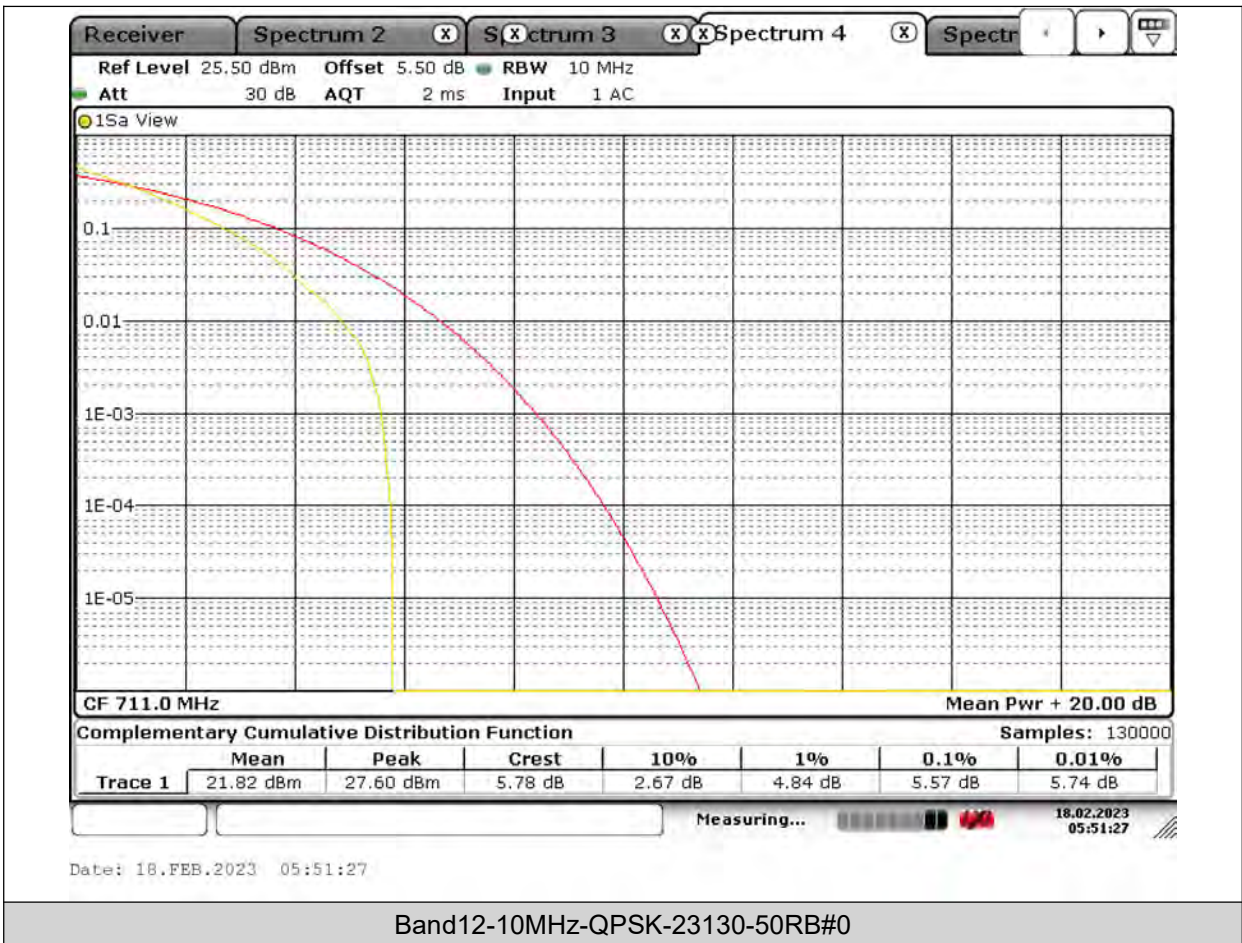
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

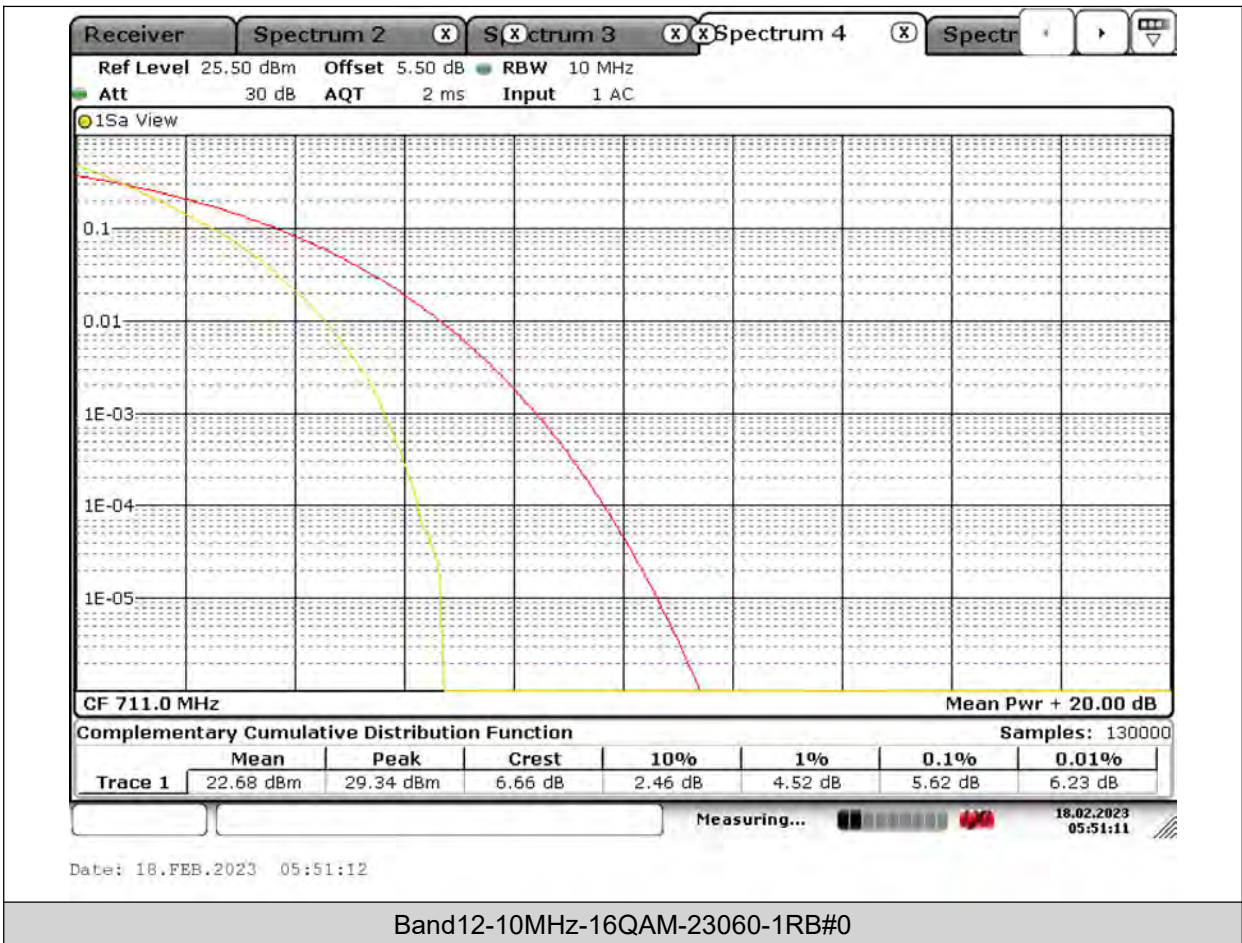
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

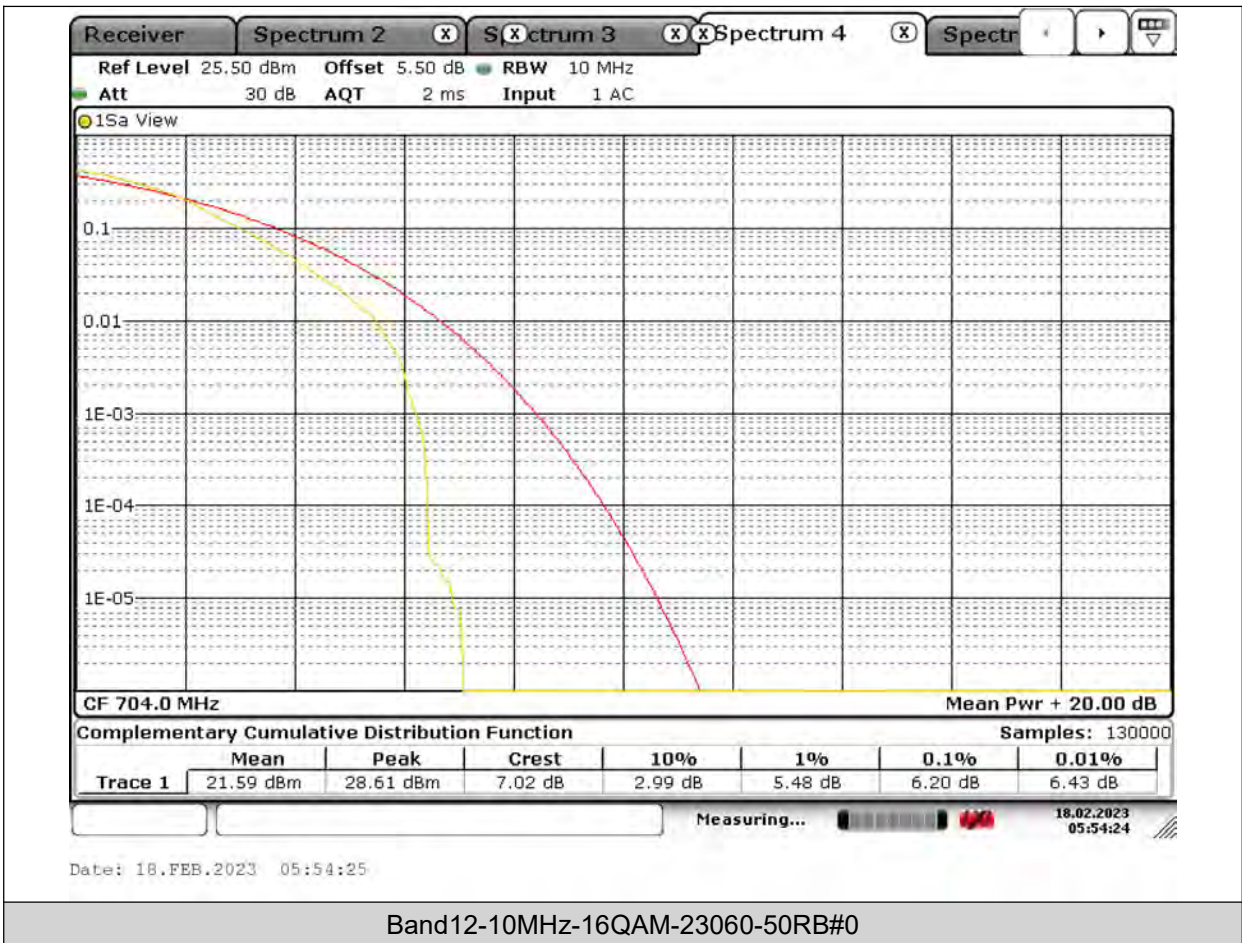
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

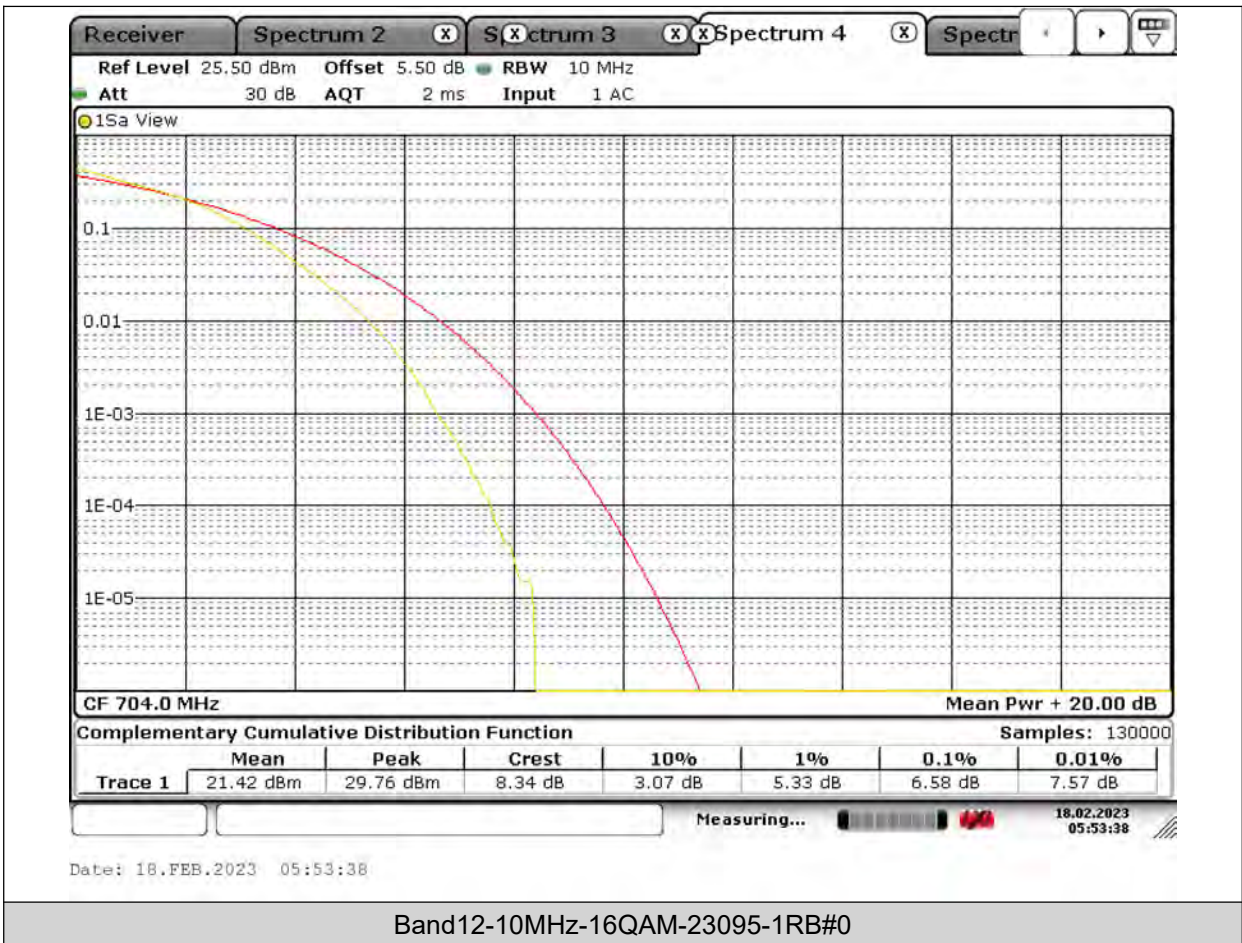
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BUREAU VERITAS

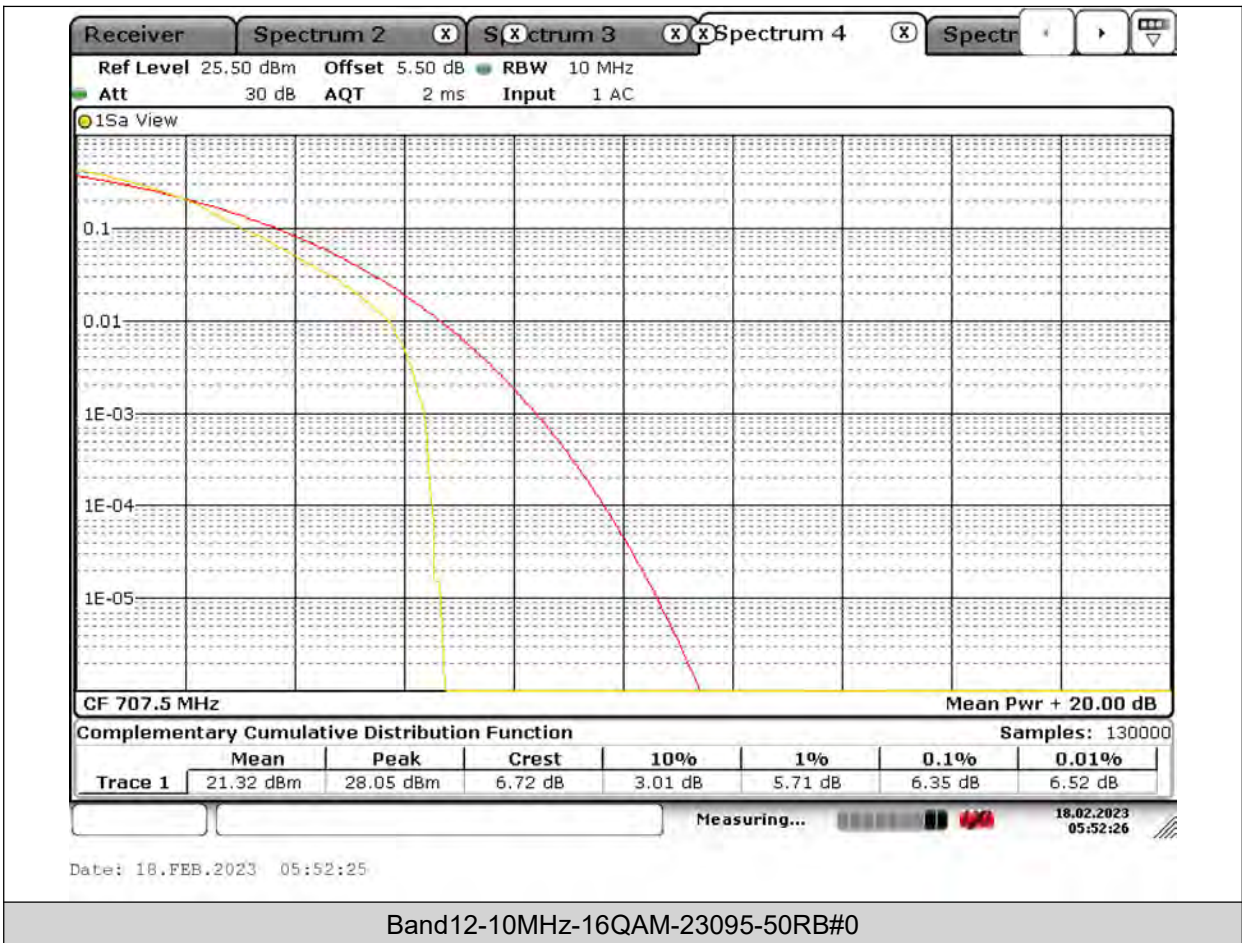
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

Test Report No.: W7L-P23010016RF03



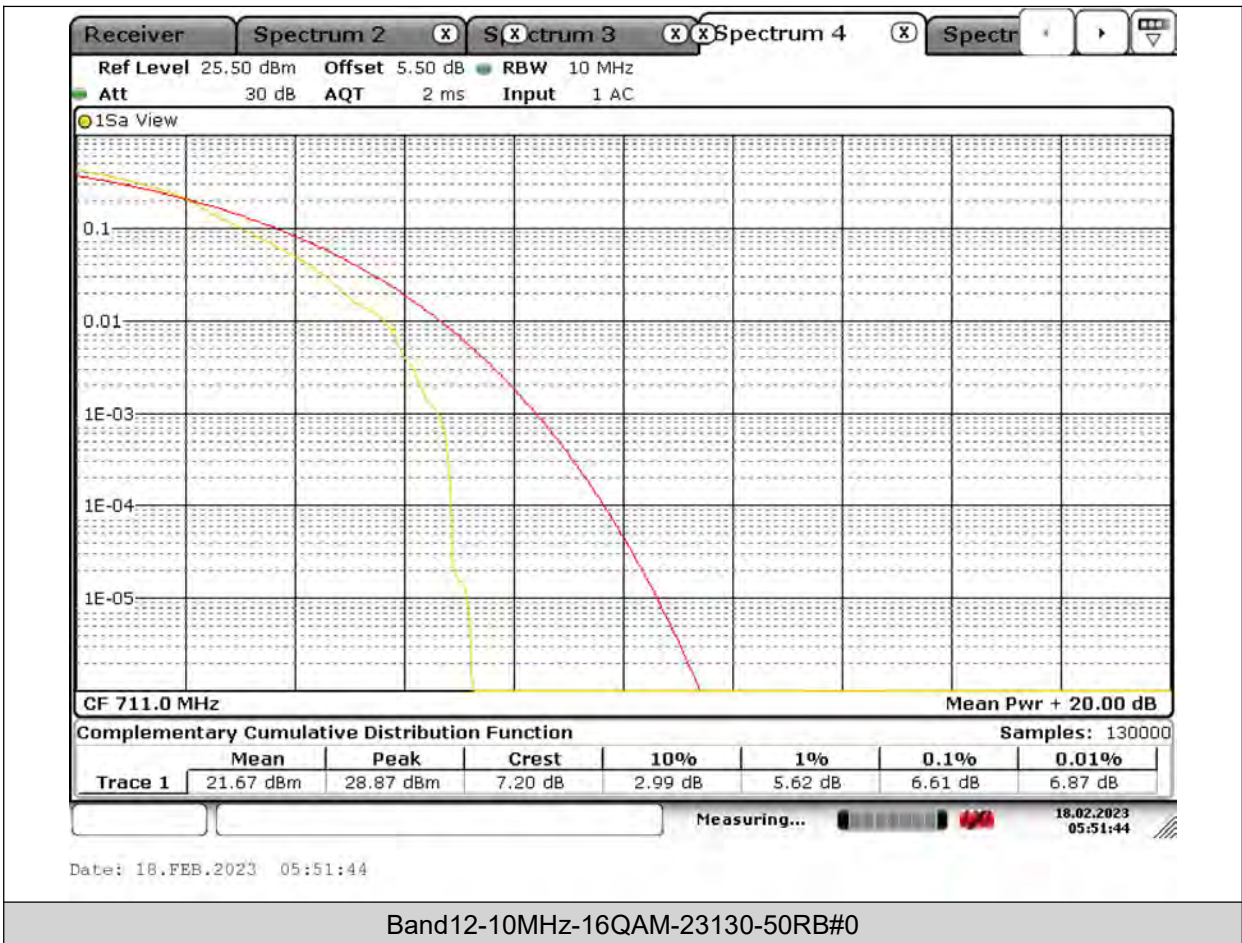
Date: 18.FEB.2023 05:53:08

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



BUREAU VERITAS

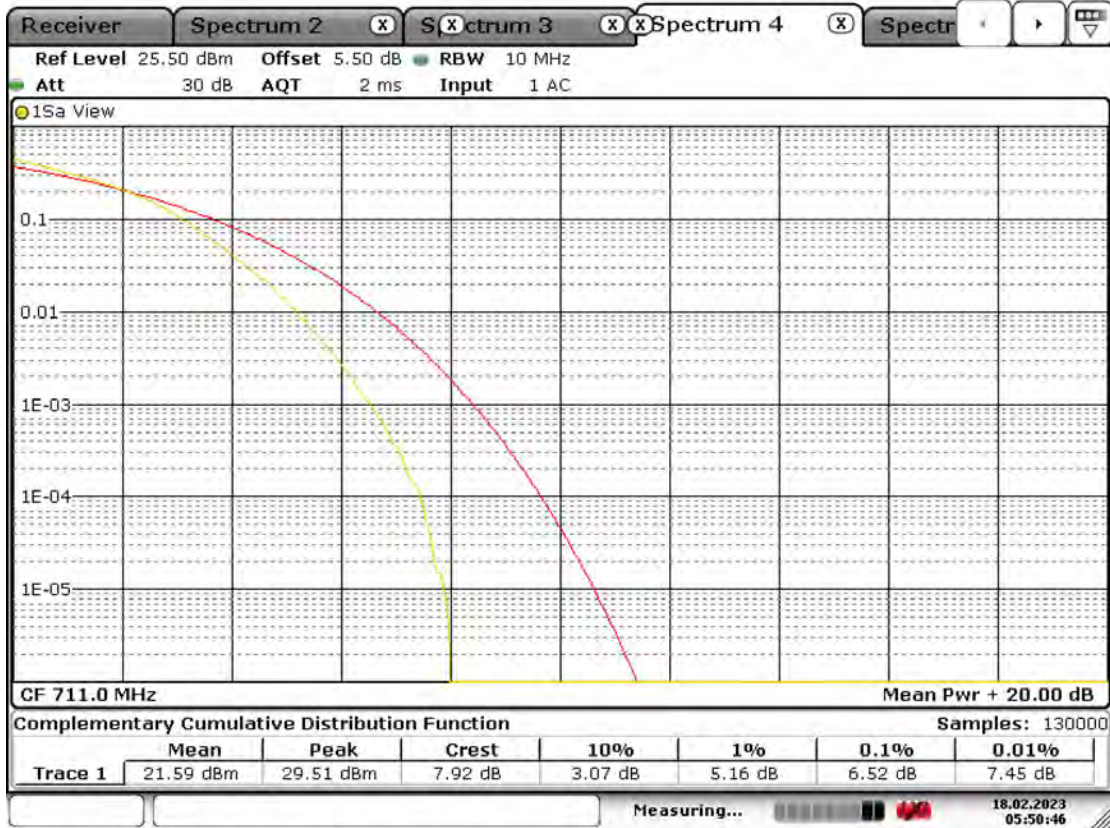
Test Report No.: W7L-P23010016RF03





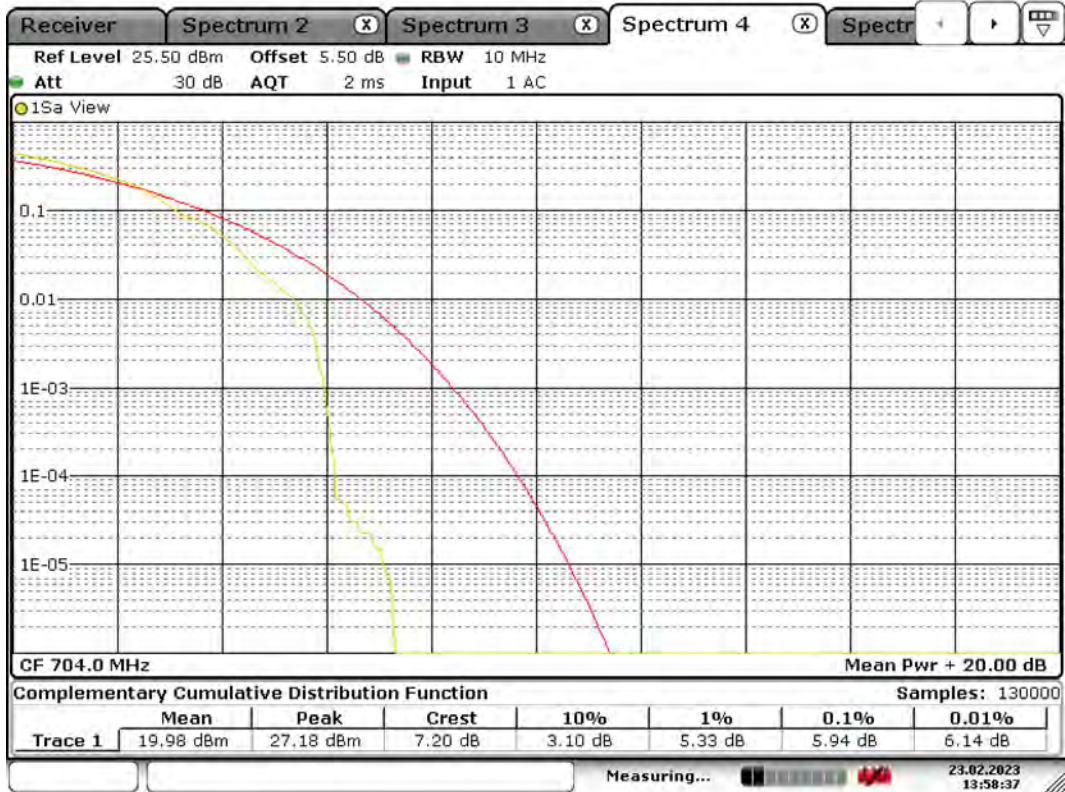
BUREAU VERITAS

Test Report No.: W7L-P23010016RF03



Date: 18.FEB.2023 05:50:46

Band12-10MHz-64QAM-23060-1RB#0



Date: 23.FEB.2023 13:58:36

Band12-10MHz-64QAM-23060-50RB#0

Huarui 7layers High Technology (Suzhou) Co., Ltd.

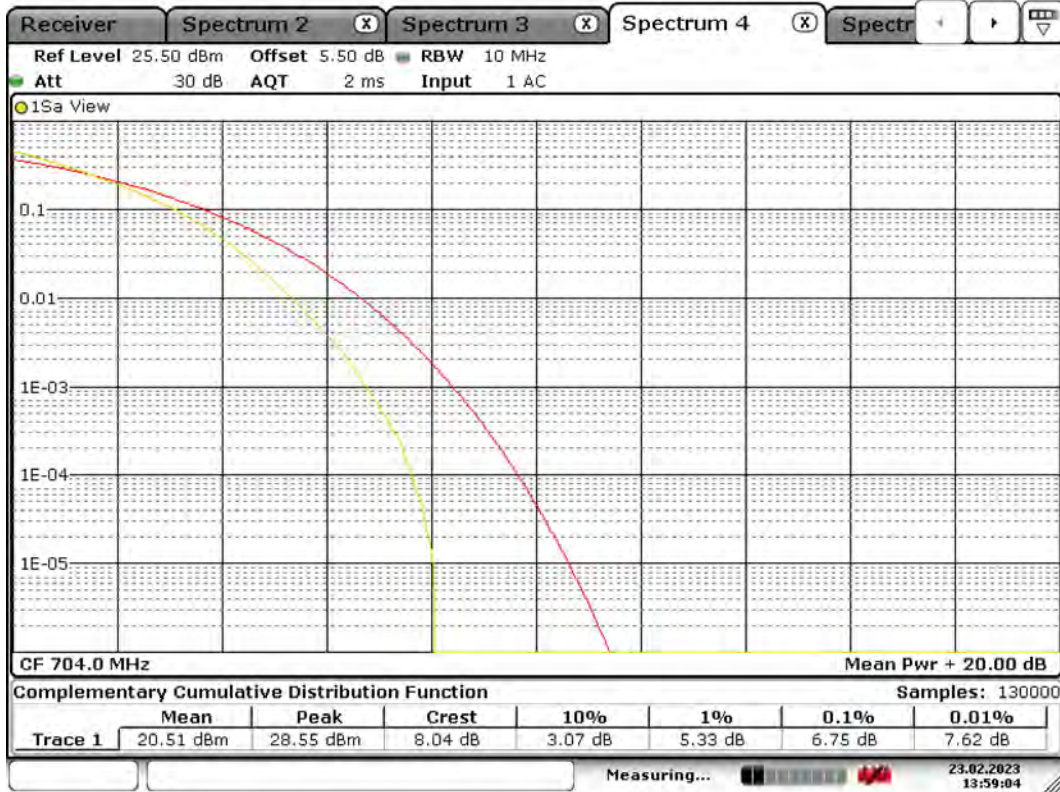
Tower N, Innovation Center, 88 Zhuyi Road, High-tech District, Suzhou City, Anhui Province

Tel: +86 (0557) 368 1008



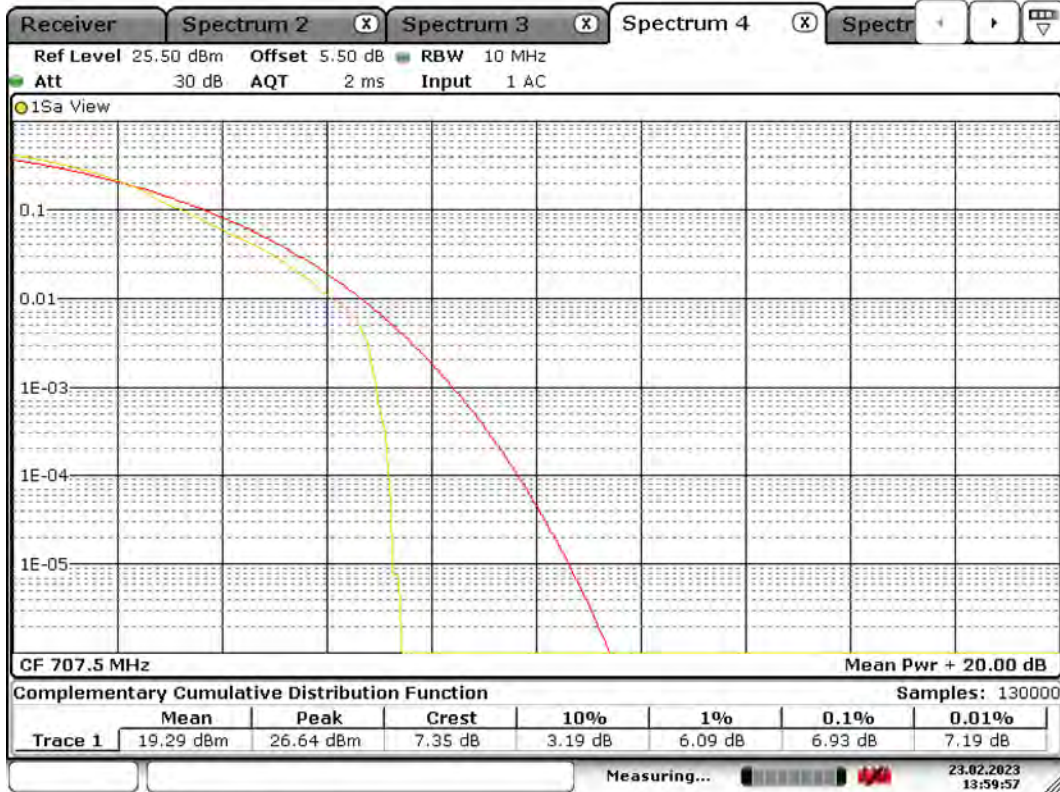
BUREAU VERITAS

Test Report No.: W7L-P23010016RF03



Date: 23.FEB.2023 13:59:03

Band12-10MHz-64QAM-23095-1RB#0



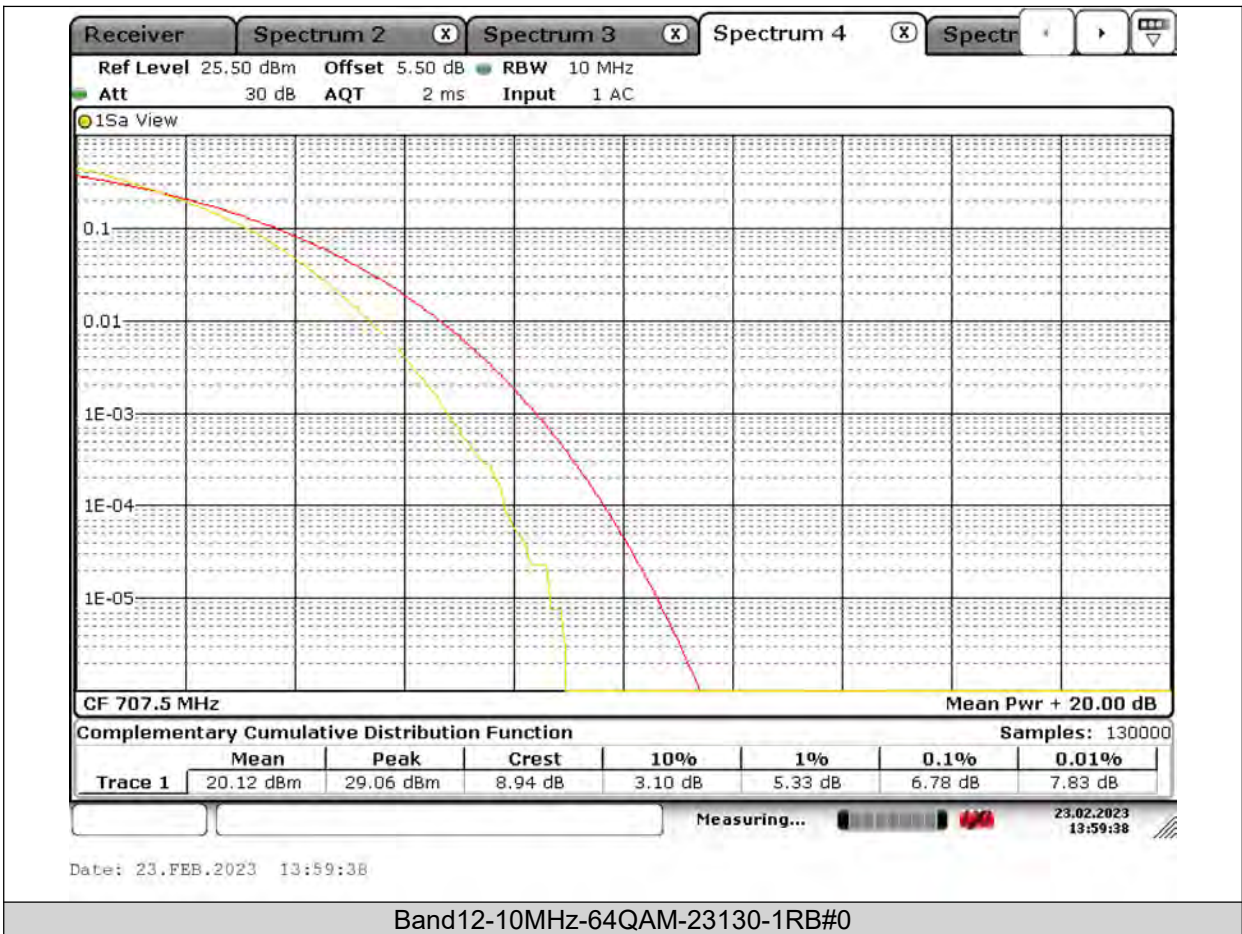
Date: 23.FEB.2023 13:59:57

Band12-10MHz-64QAM-23095-50RB#0



BUREAU VERITAS

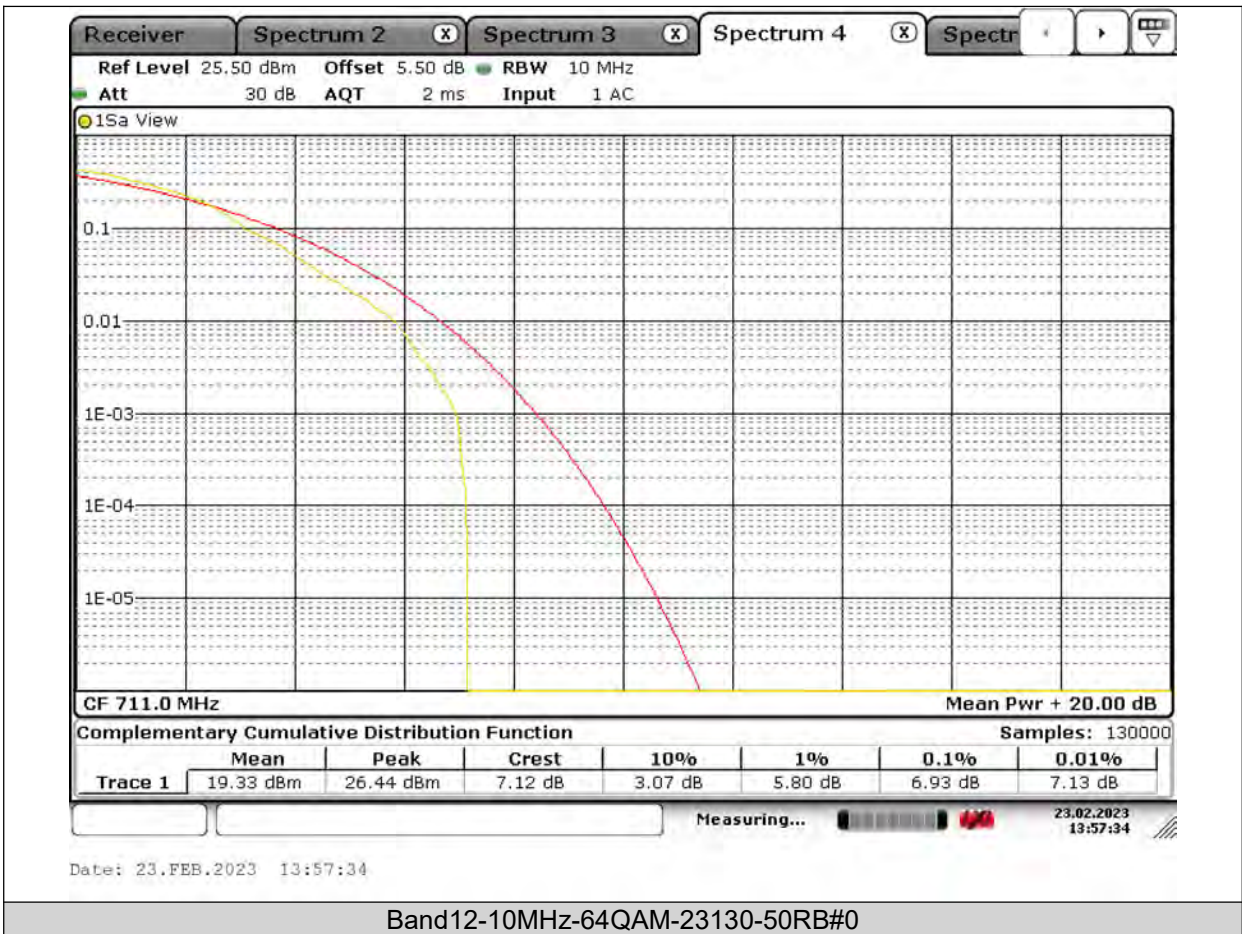
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

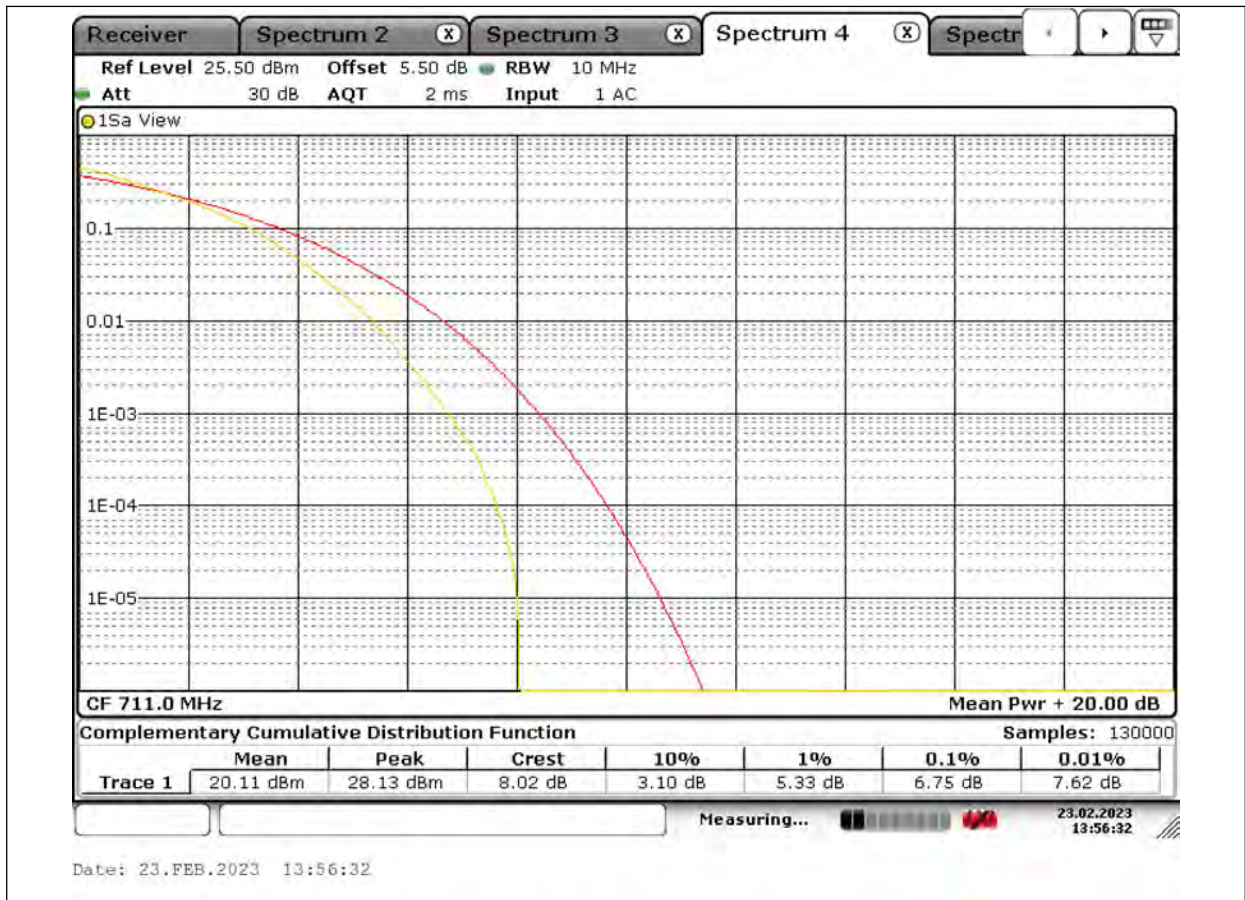
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

Test Report No.: W7L-P23010016RF03





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

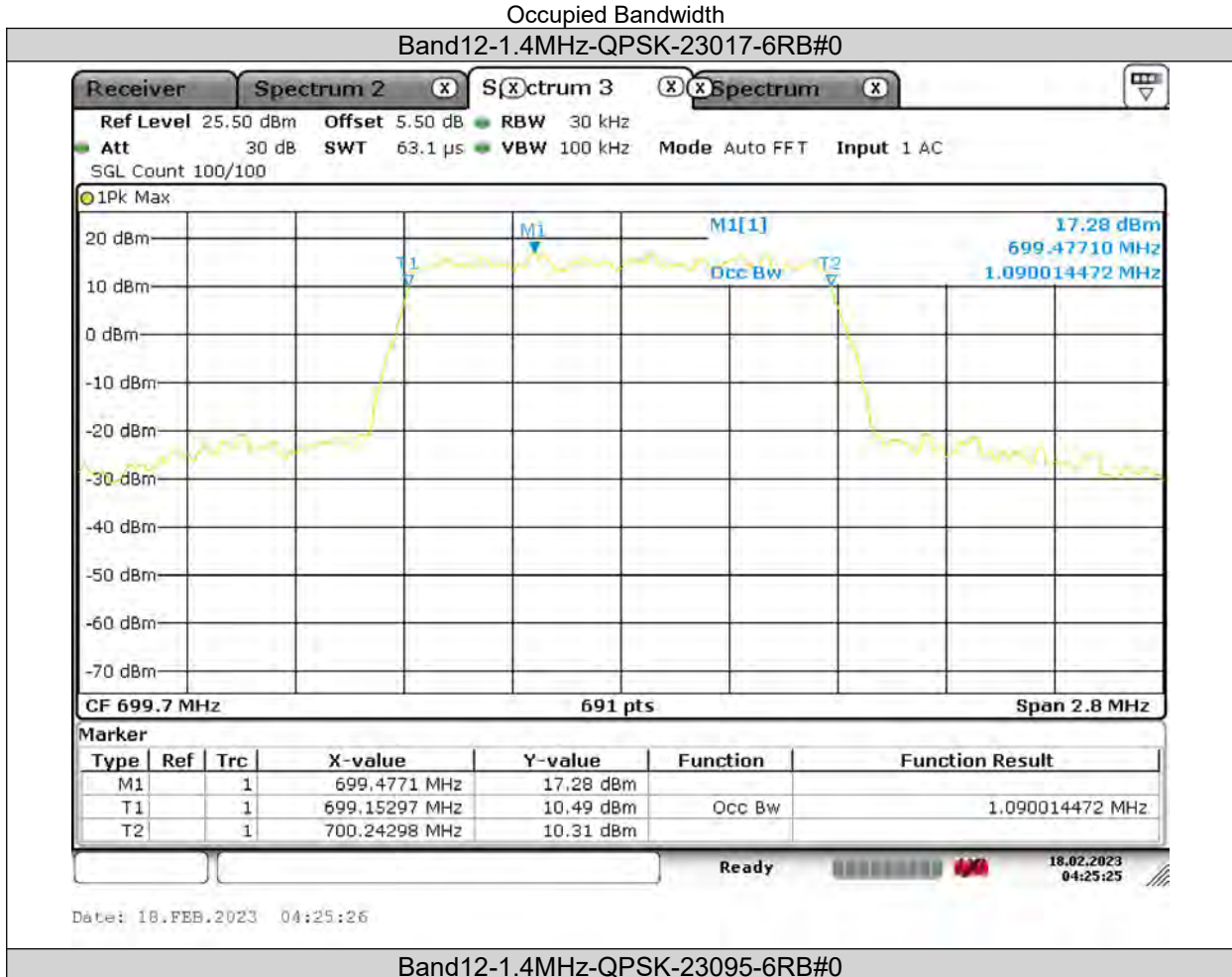
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.09	1.244	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.09	1.2318	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.098	1.2359	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.102	1.244	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.106	1.248	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.098	1.2237	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.744	3.0651	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.744	3.0391	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.753	3.0651	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.735	3.0391	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.735	3.0825	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7	3.0479	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.515	4.891	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.472	4.805	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.486	4.877	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.486	4.935	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.501	4.92	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.486	4.906	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.059	9.986	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.03	9.783	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.03	9.986	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.059	9.812	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.03	9.957	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.973	9.928	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.102	1.244	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.098	1.2399	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.094	1.2359	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.735	3.0304	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.789	3.0912	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.735	3.4078	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.530	4.906	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.486	4.834	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.530	4.891	PASS
Band12	10MHz	64QAM	23060	50RB#0	9.001	9.841	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.973	9.986	PASS
Band12	10MHz	64QAM	23130	50RB#0	9.001	9.899	PASS



Test Report No.: W7L-P23010016RF03

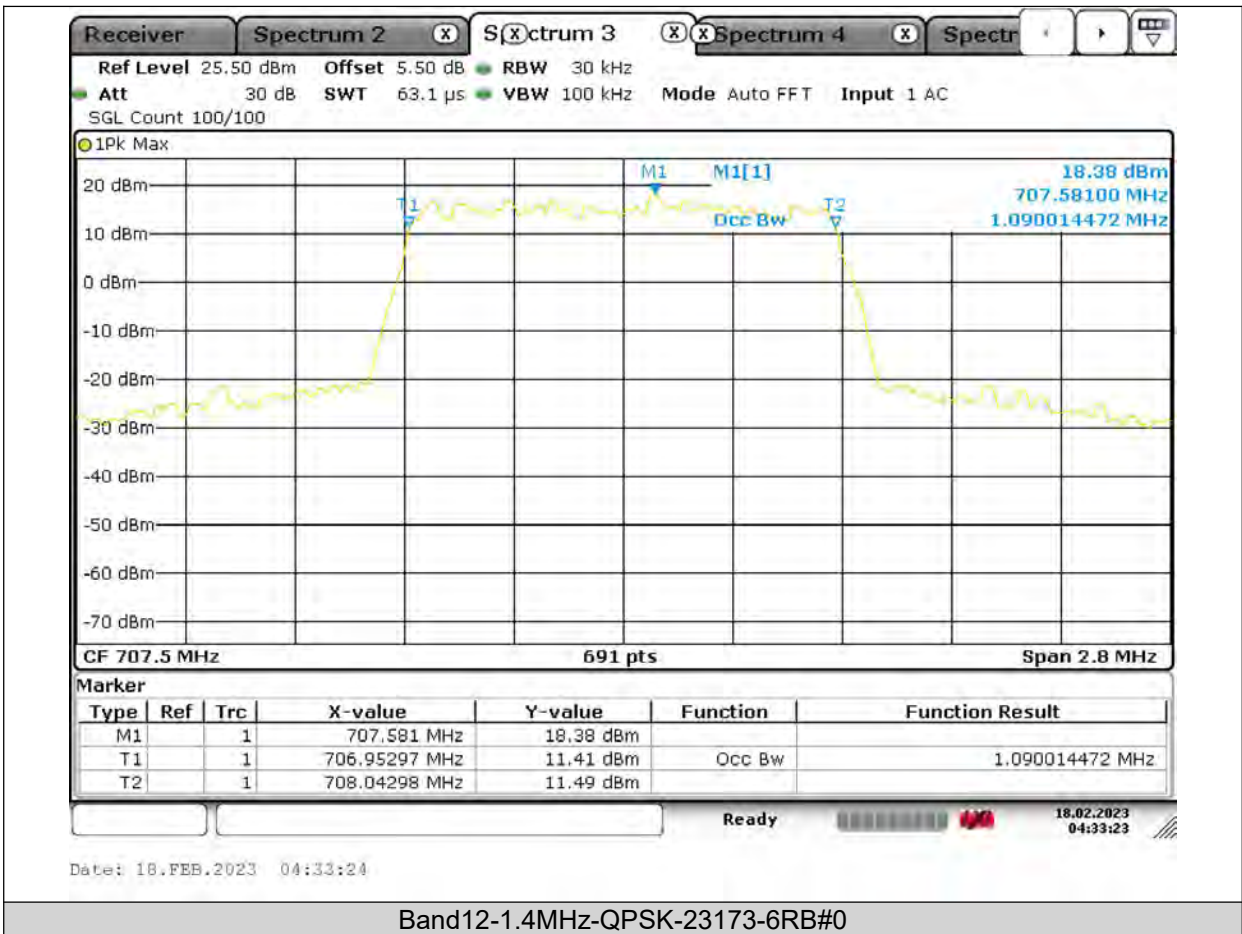
Test Graphs





BUREAU
VERITAS

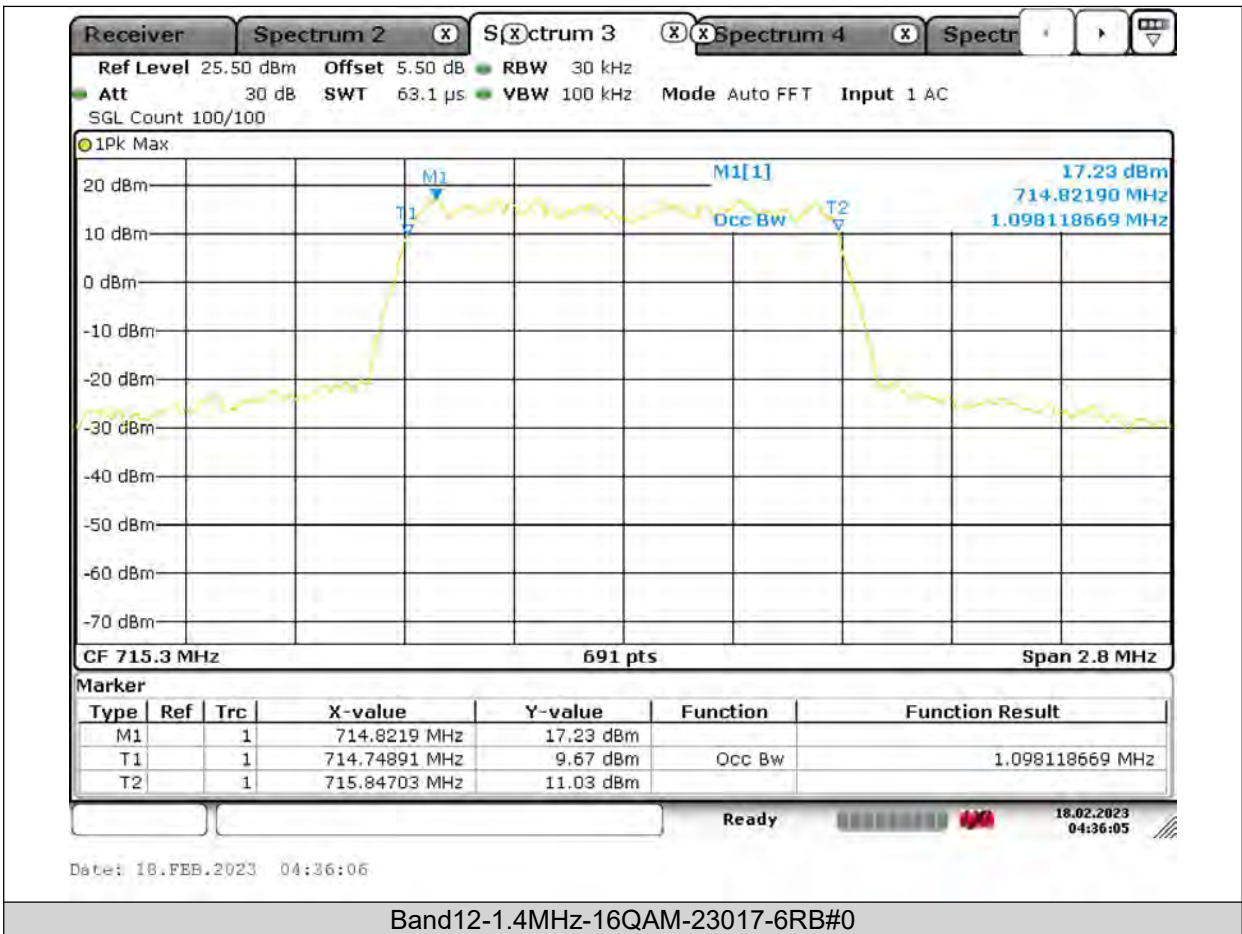
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

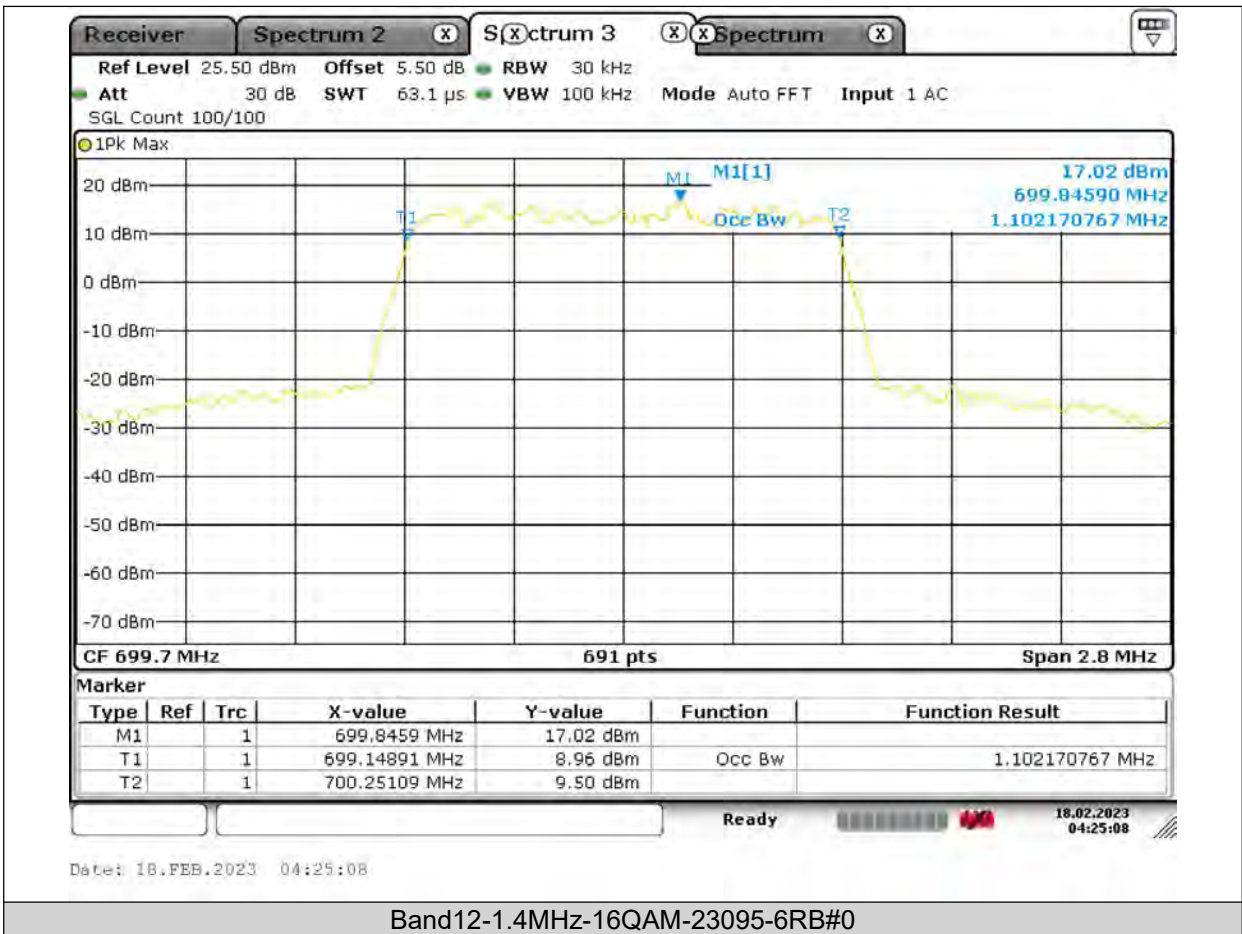
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

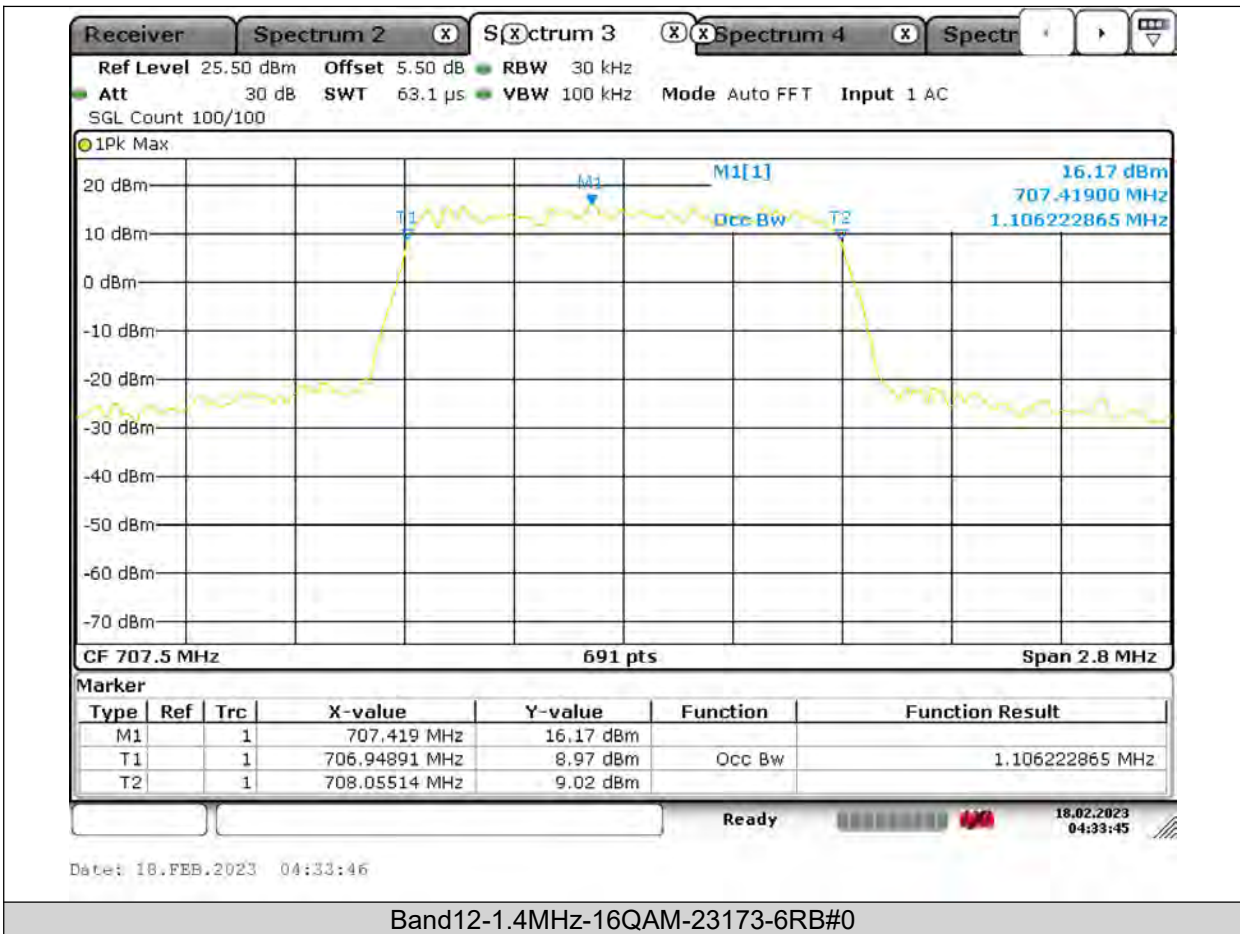
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

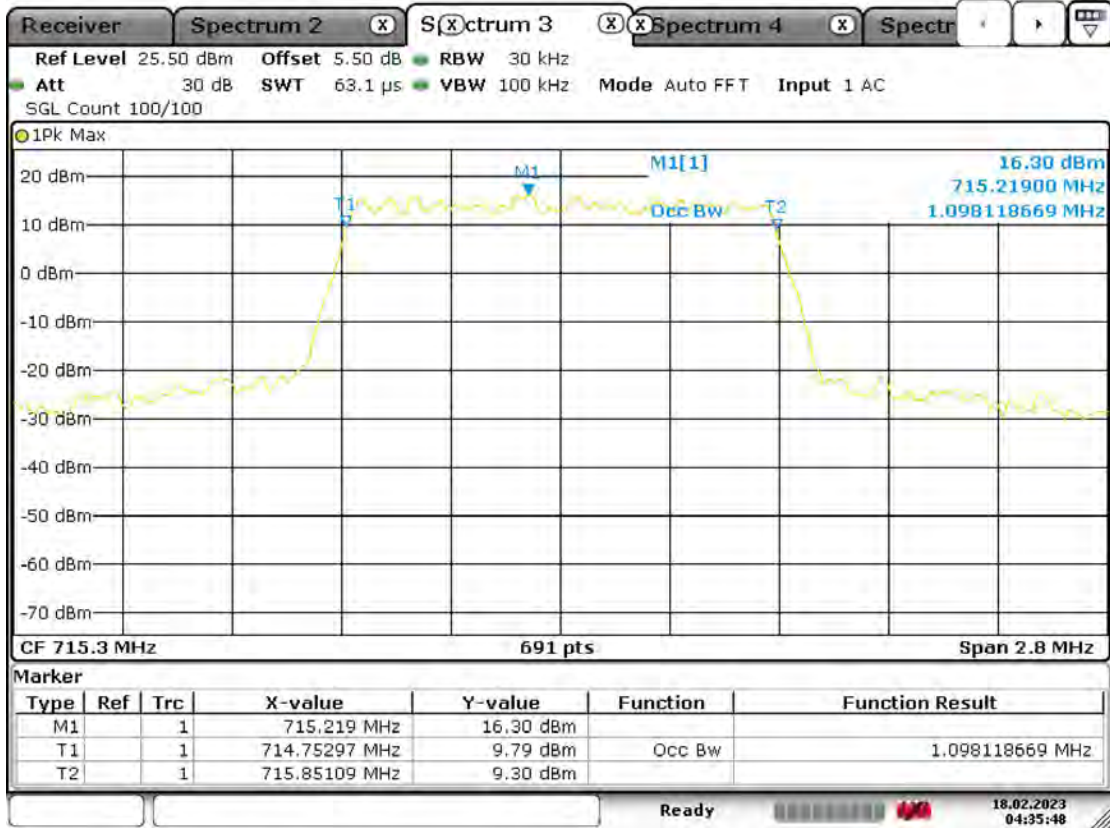
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

Test Report No.: W7L-P23010016RF03



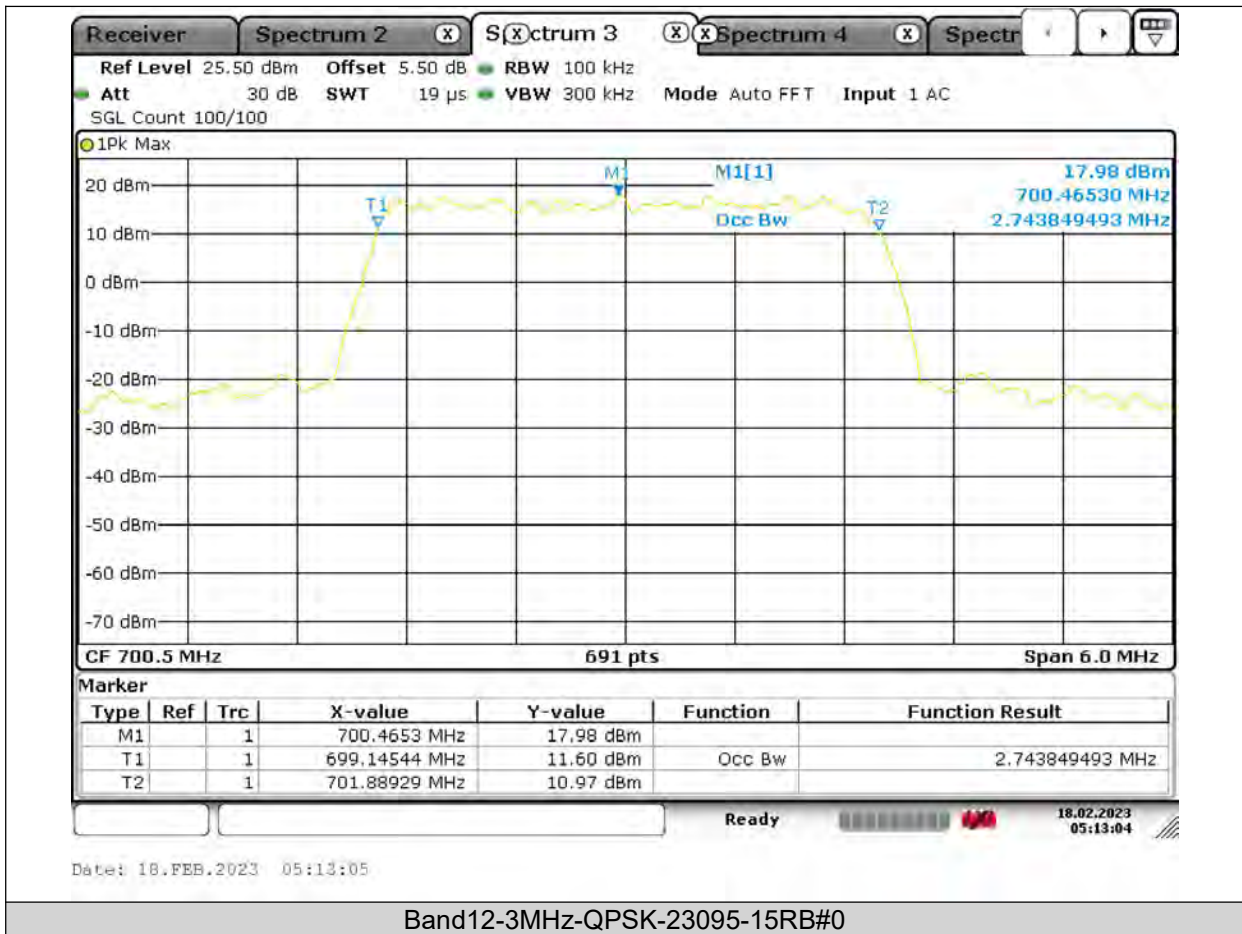
Date: 18.FEB.2023 04:35:49

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



BUREAU
VERITAS

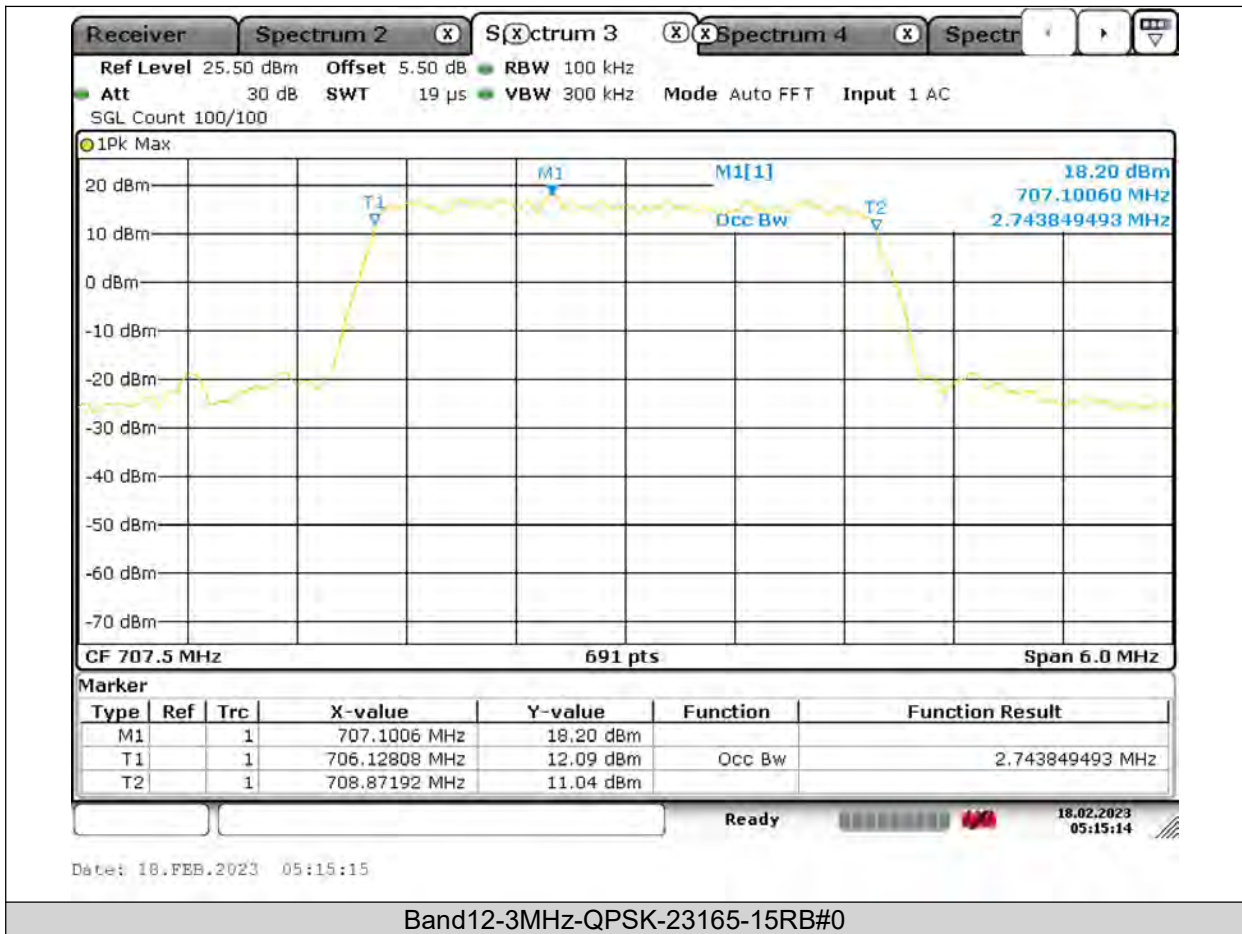
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

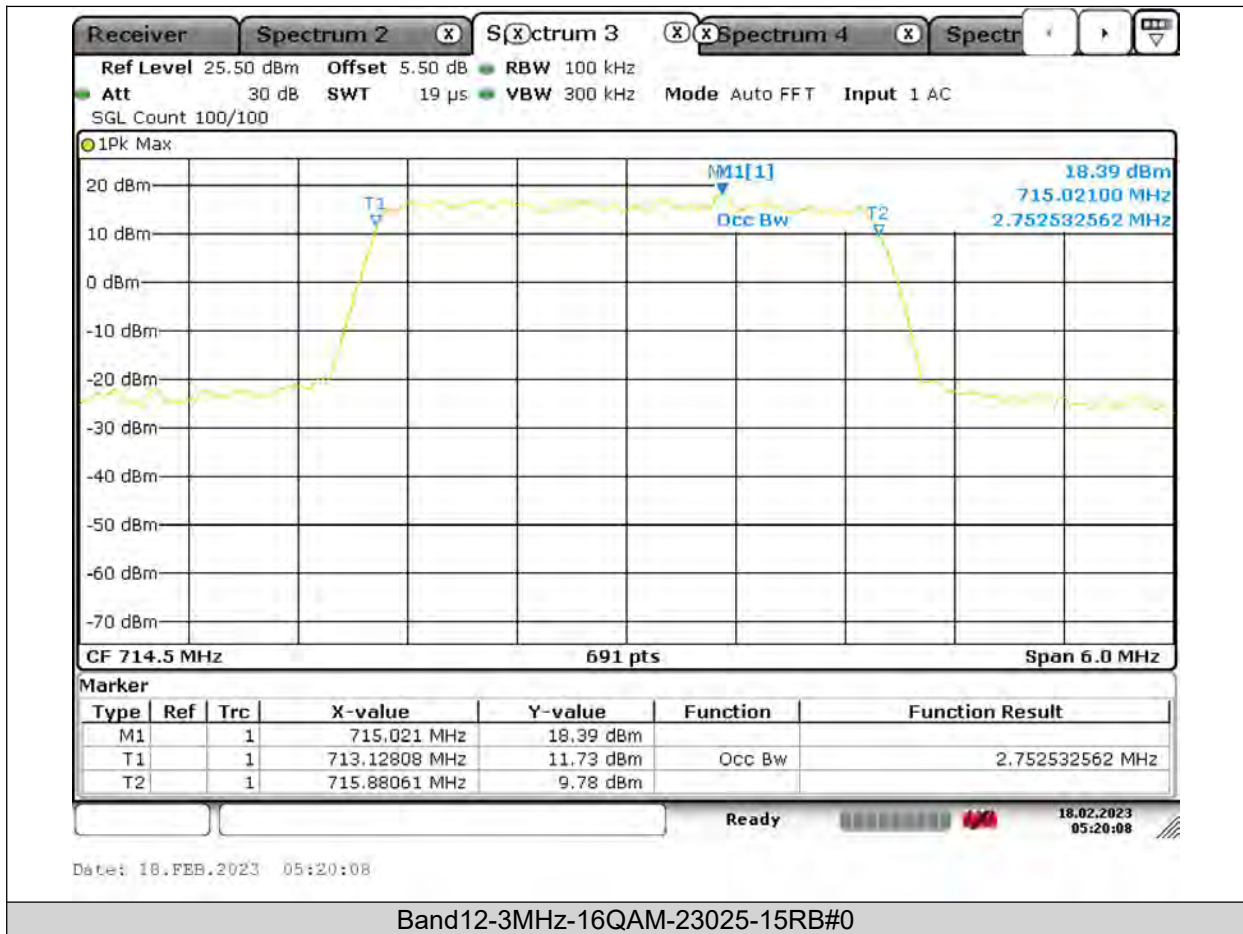
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

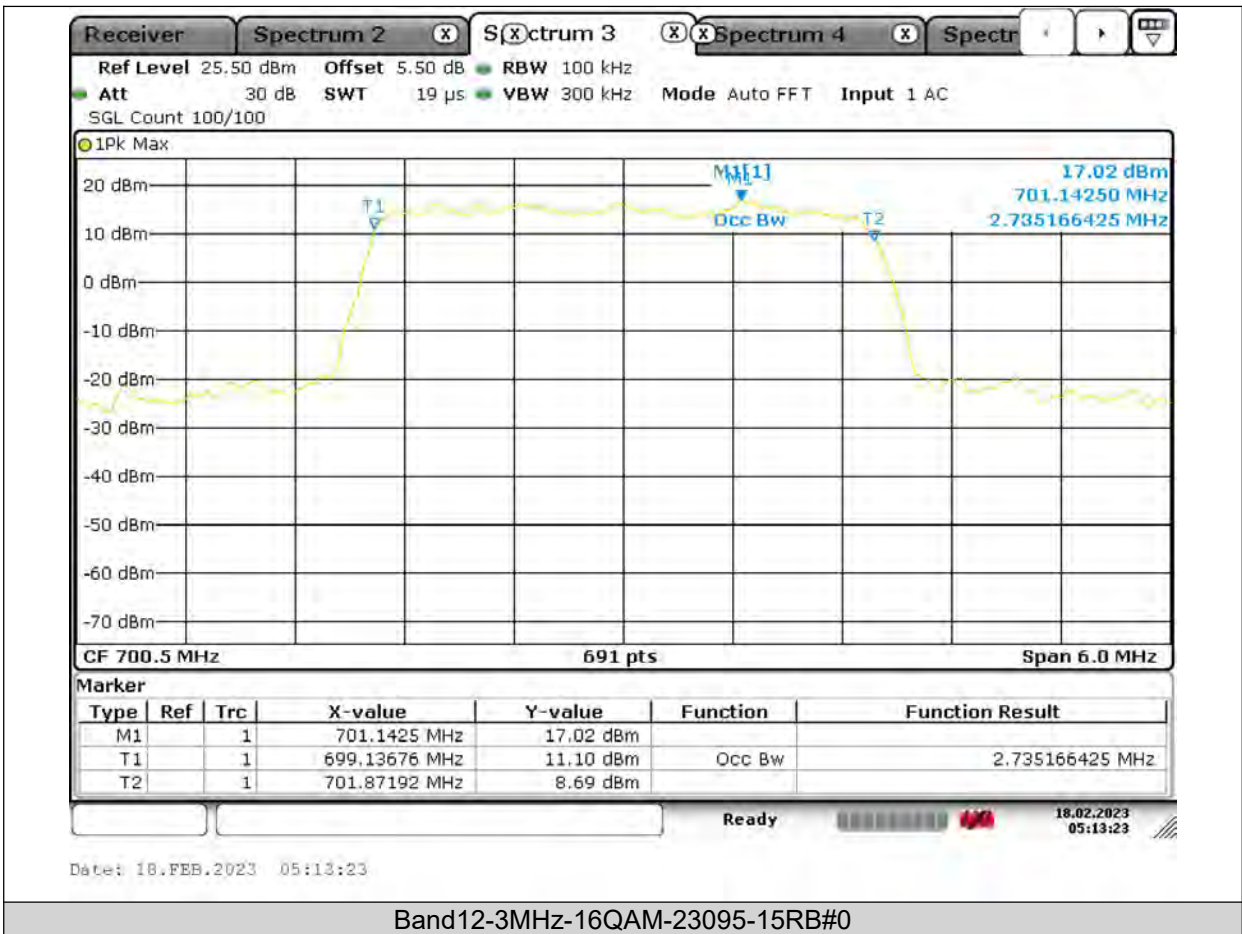
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

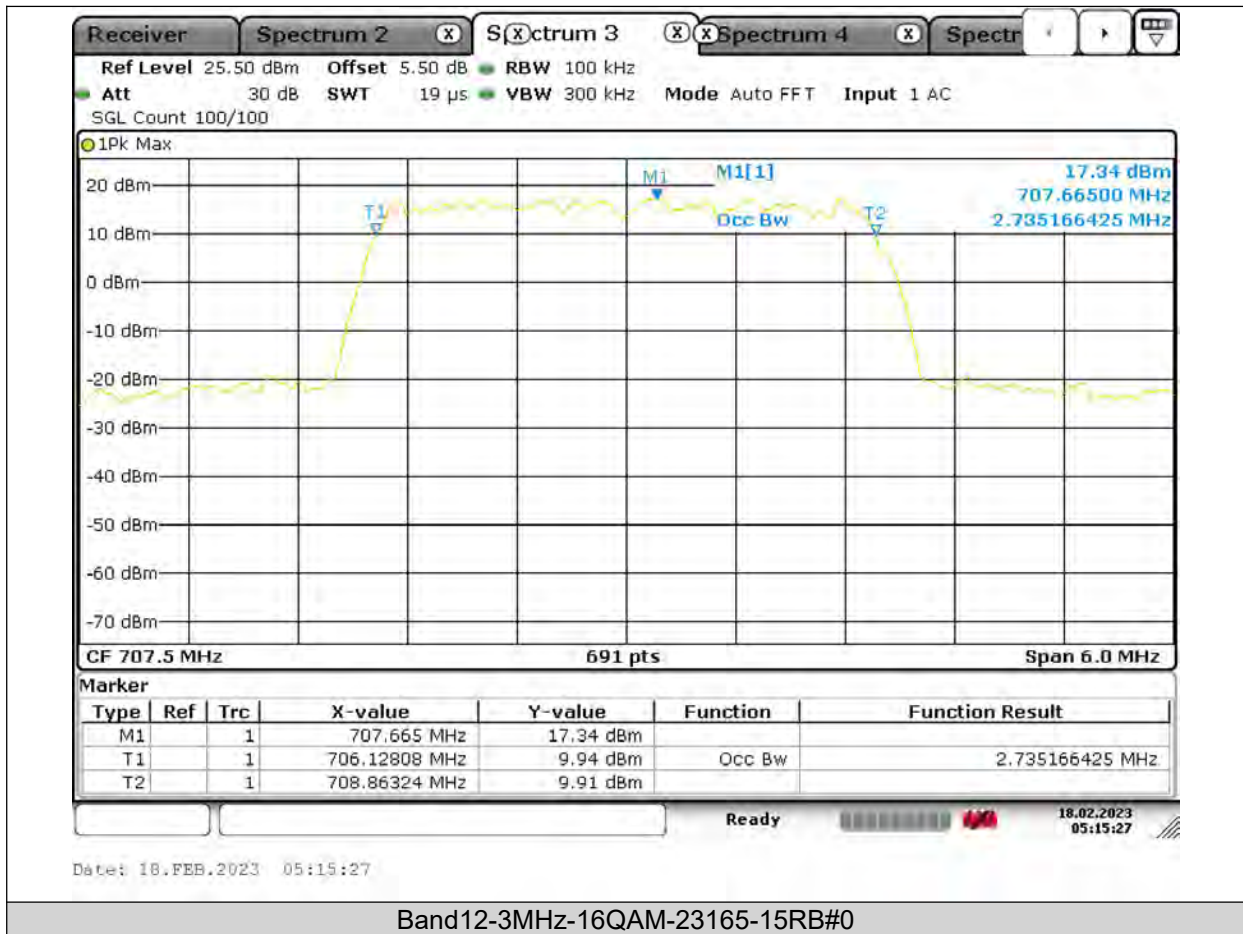
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BUREAU VERITAS

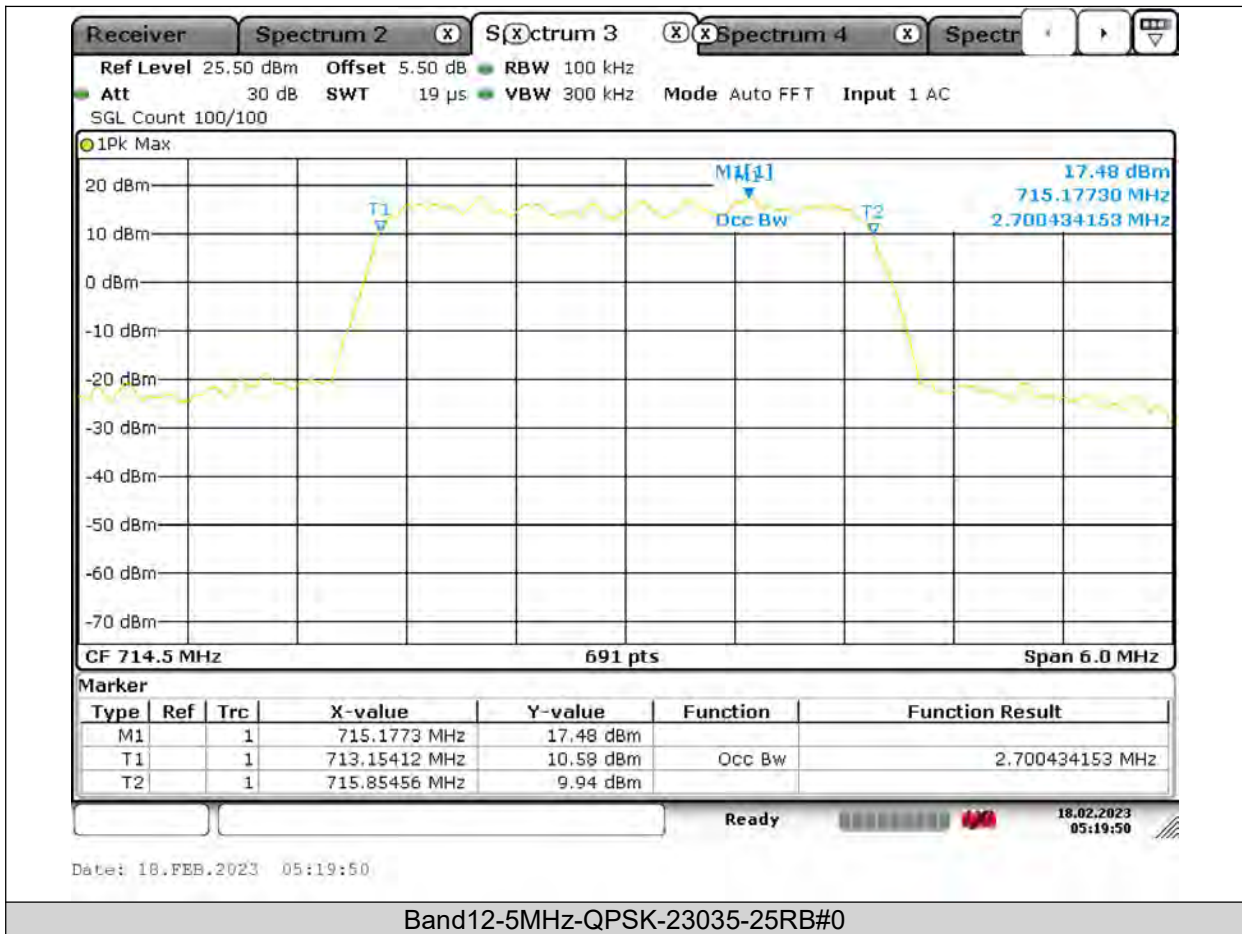
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

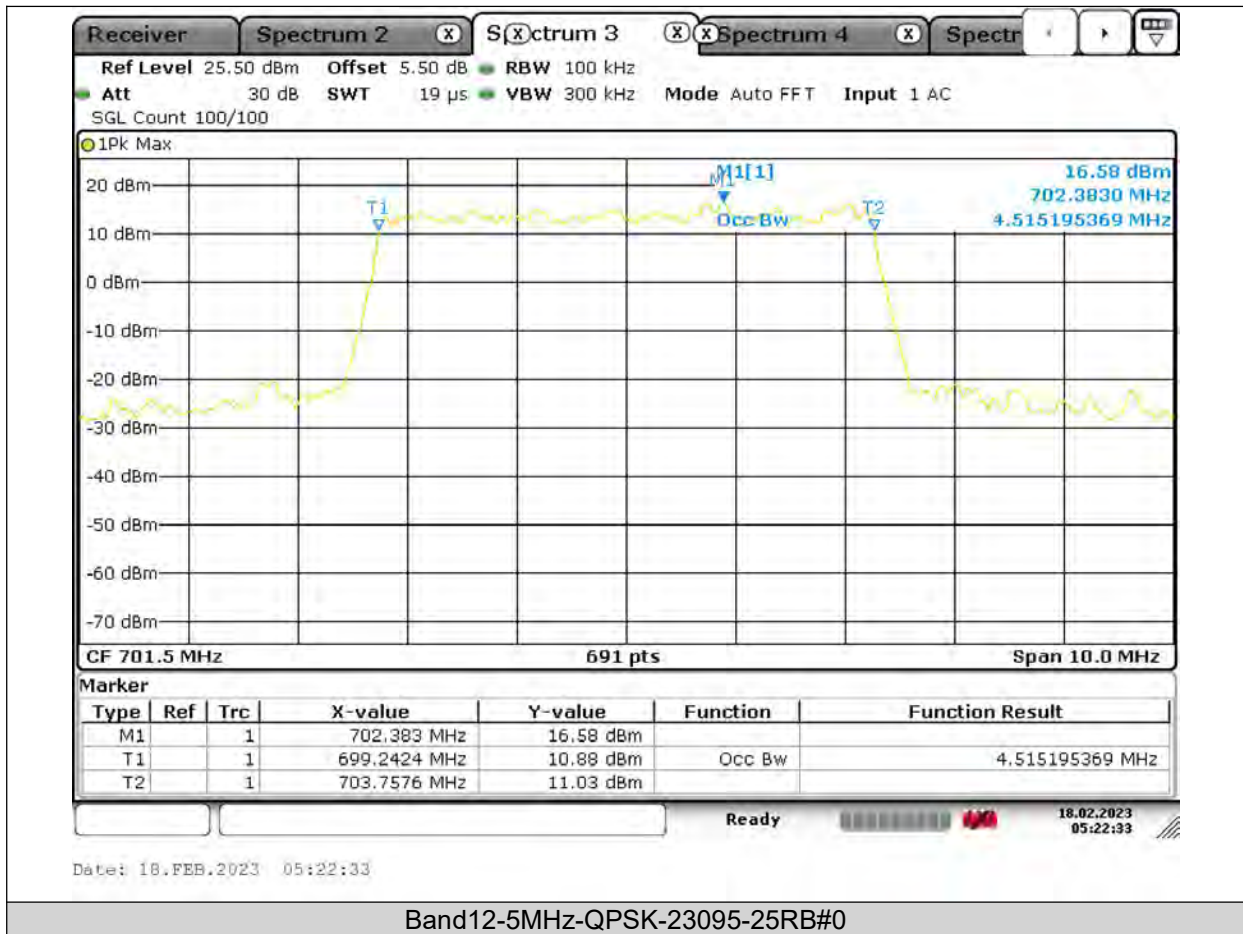
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BUREAU
VERITAS

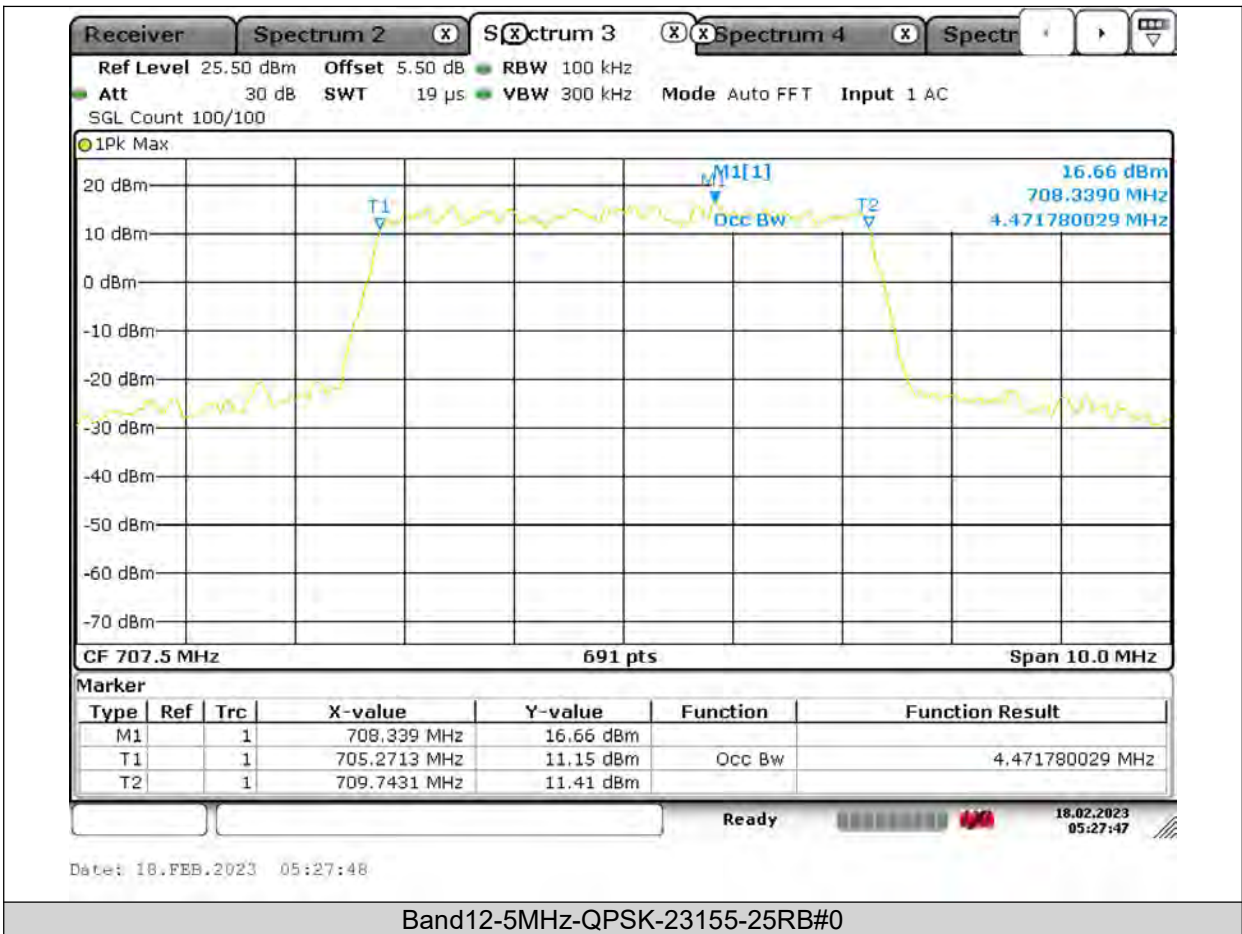
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

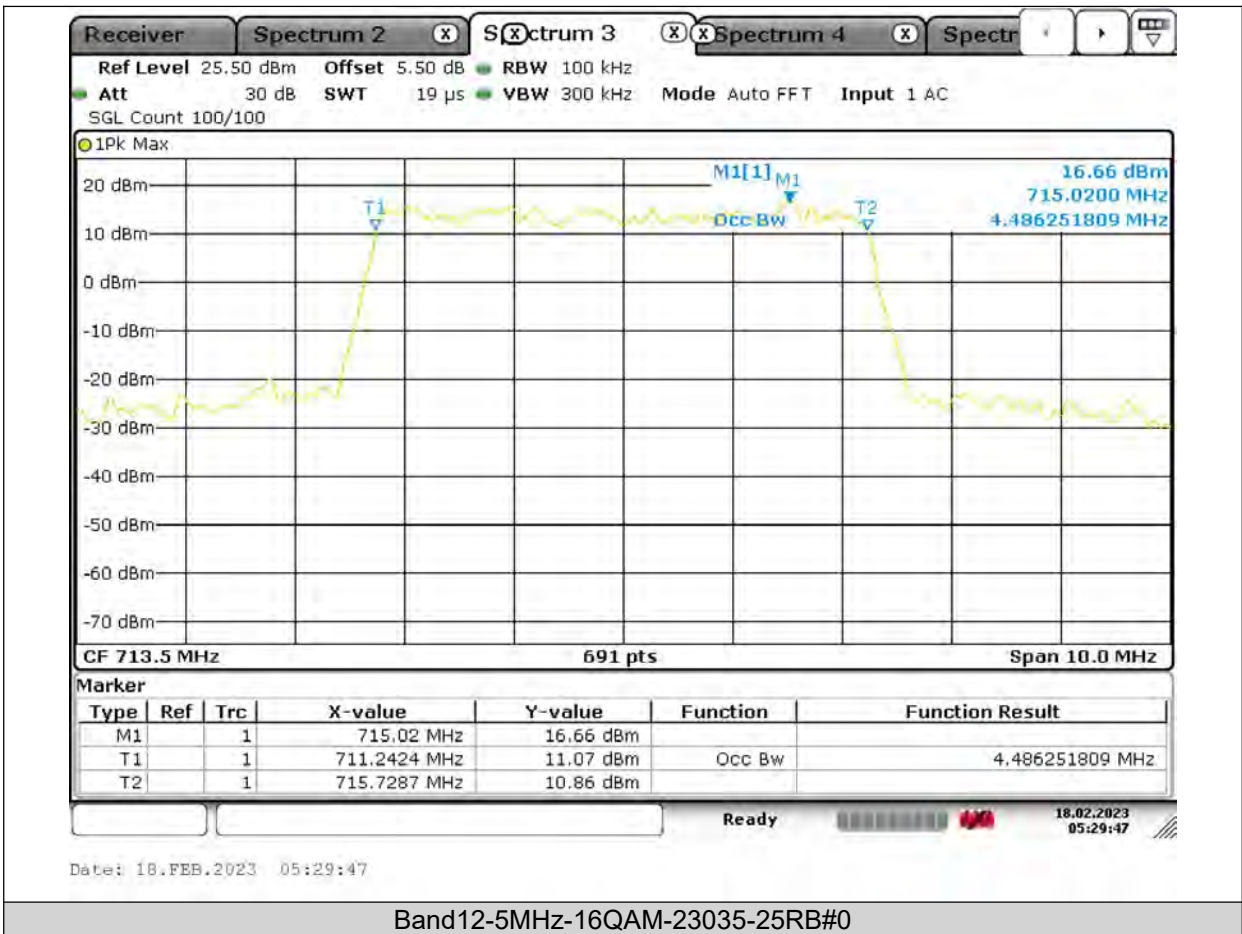
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

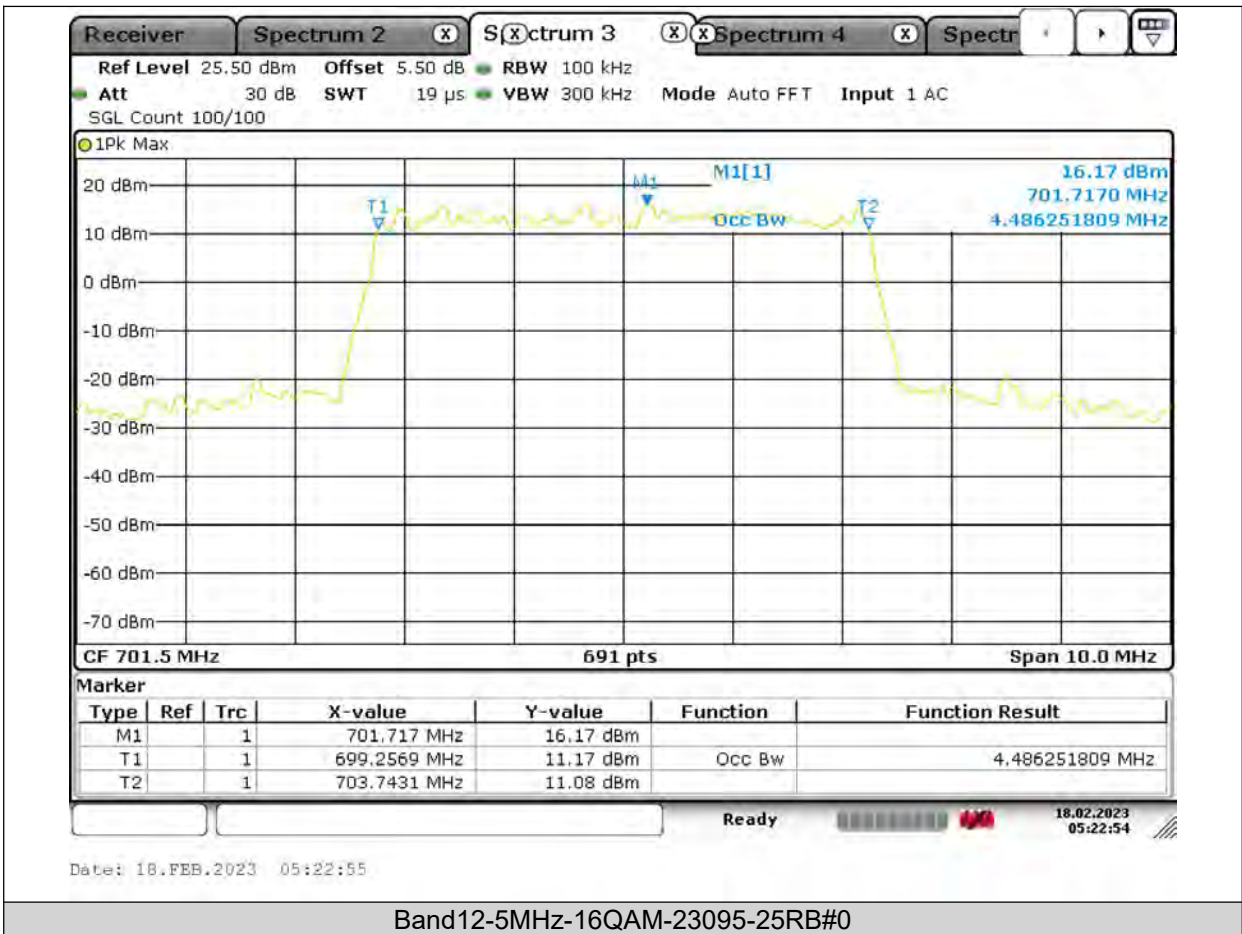
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

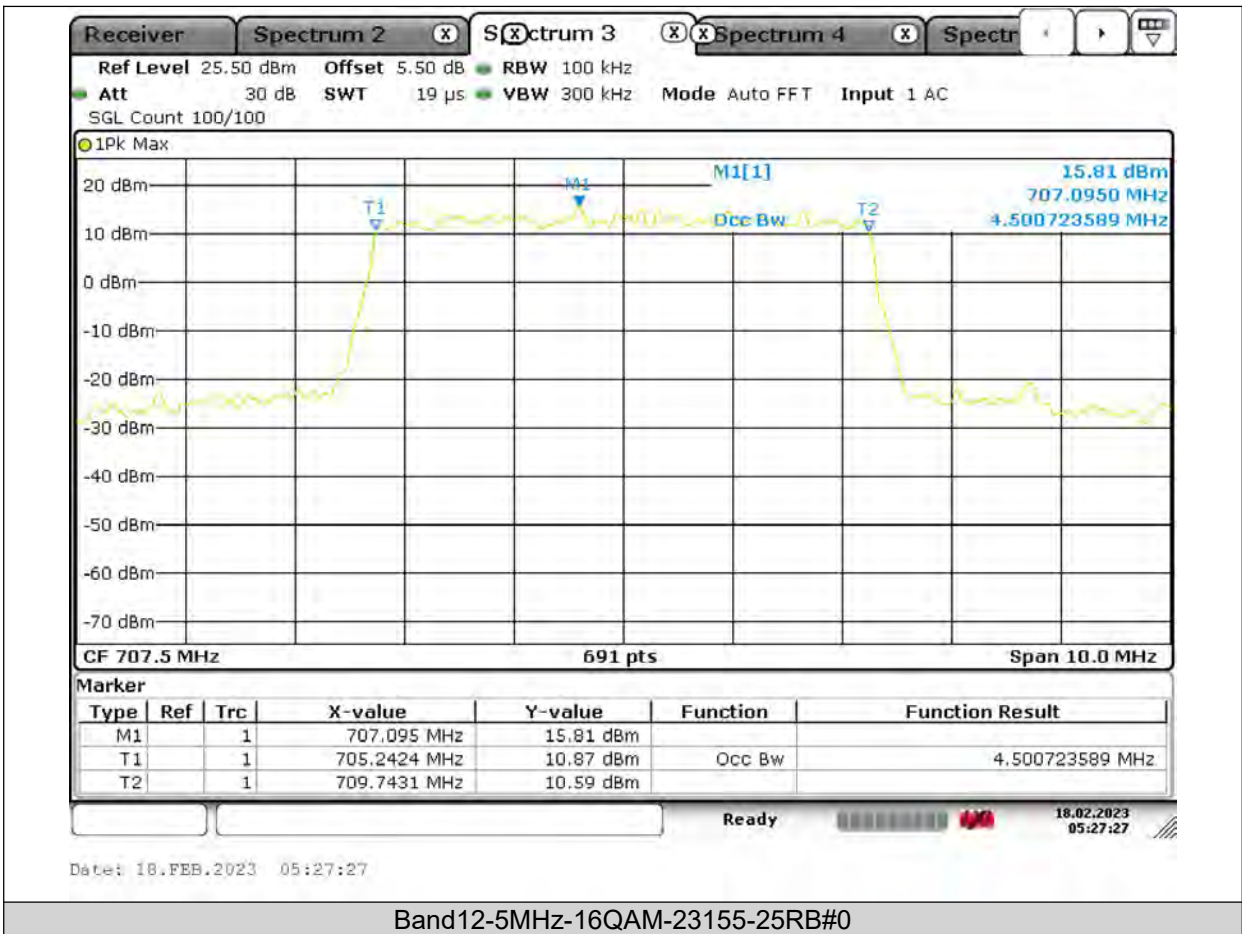
Test Report No.: W7L-P23010016RF03





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VERITAS

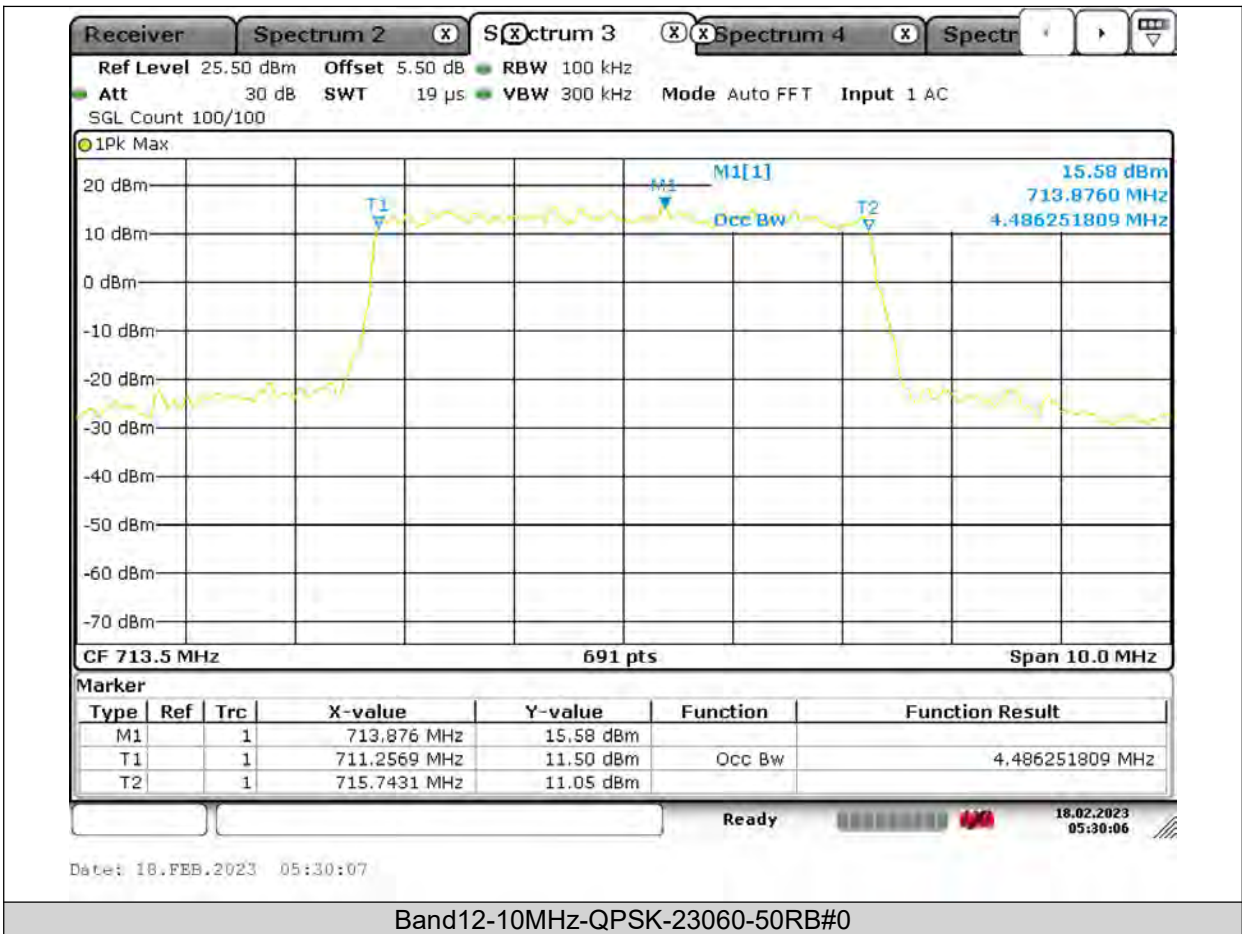
Test Report No.: W7L-P23010016RF03





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VERITAS

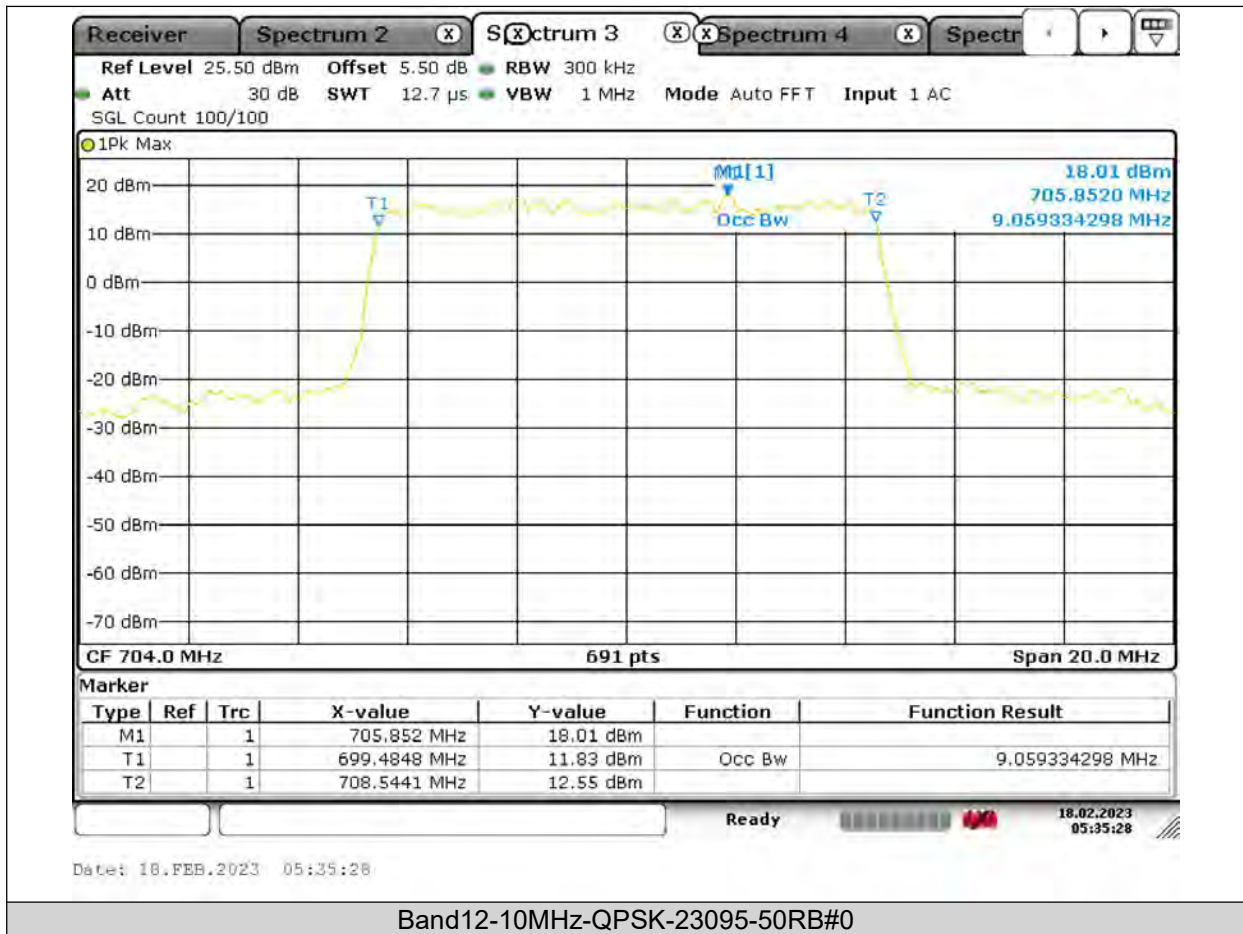
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

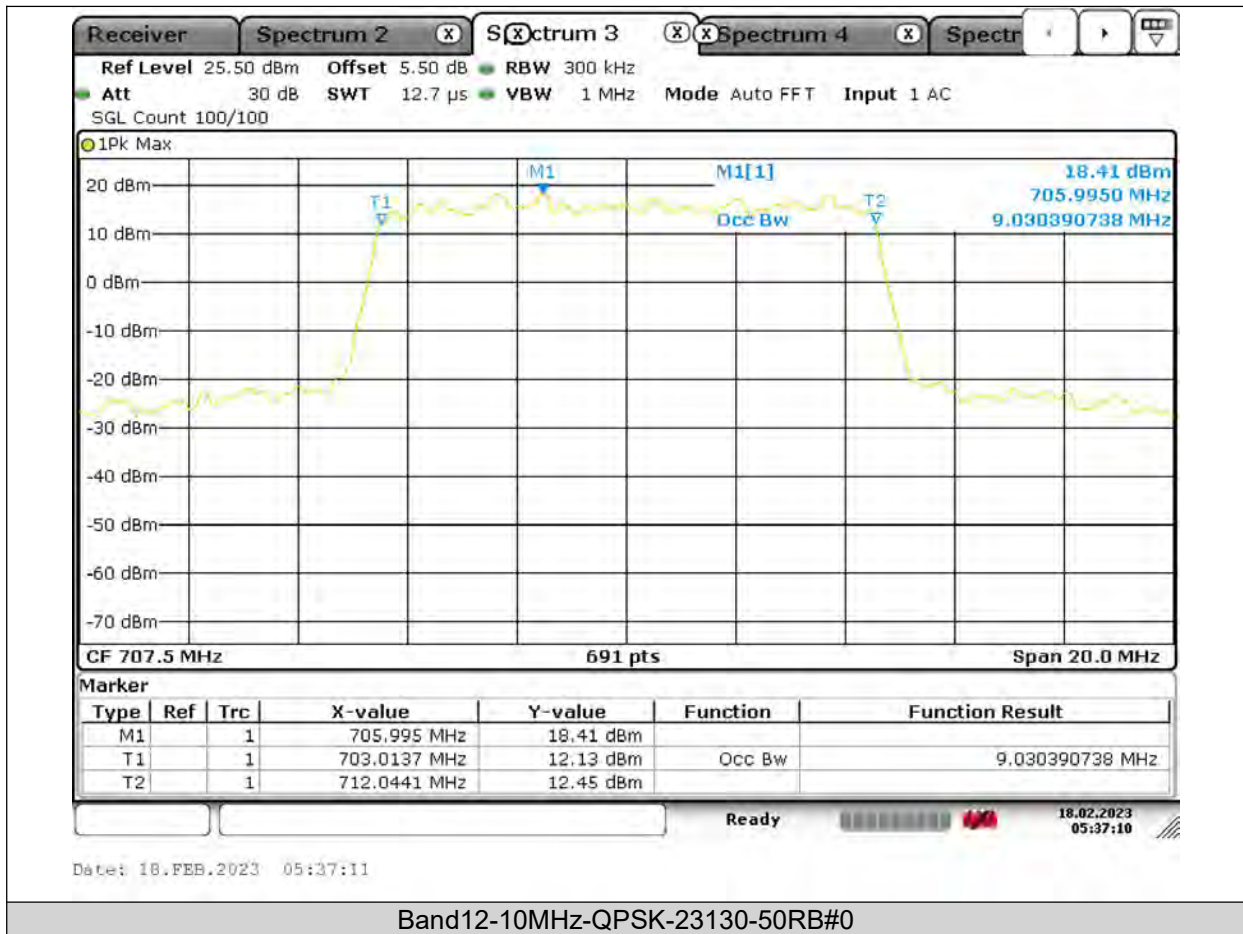
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

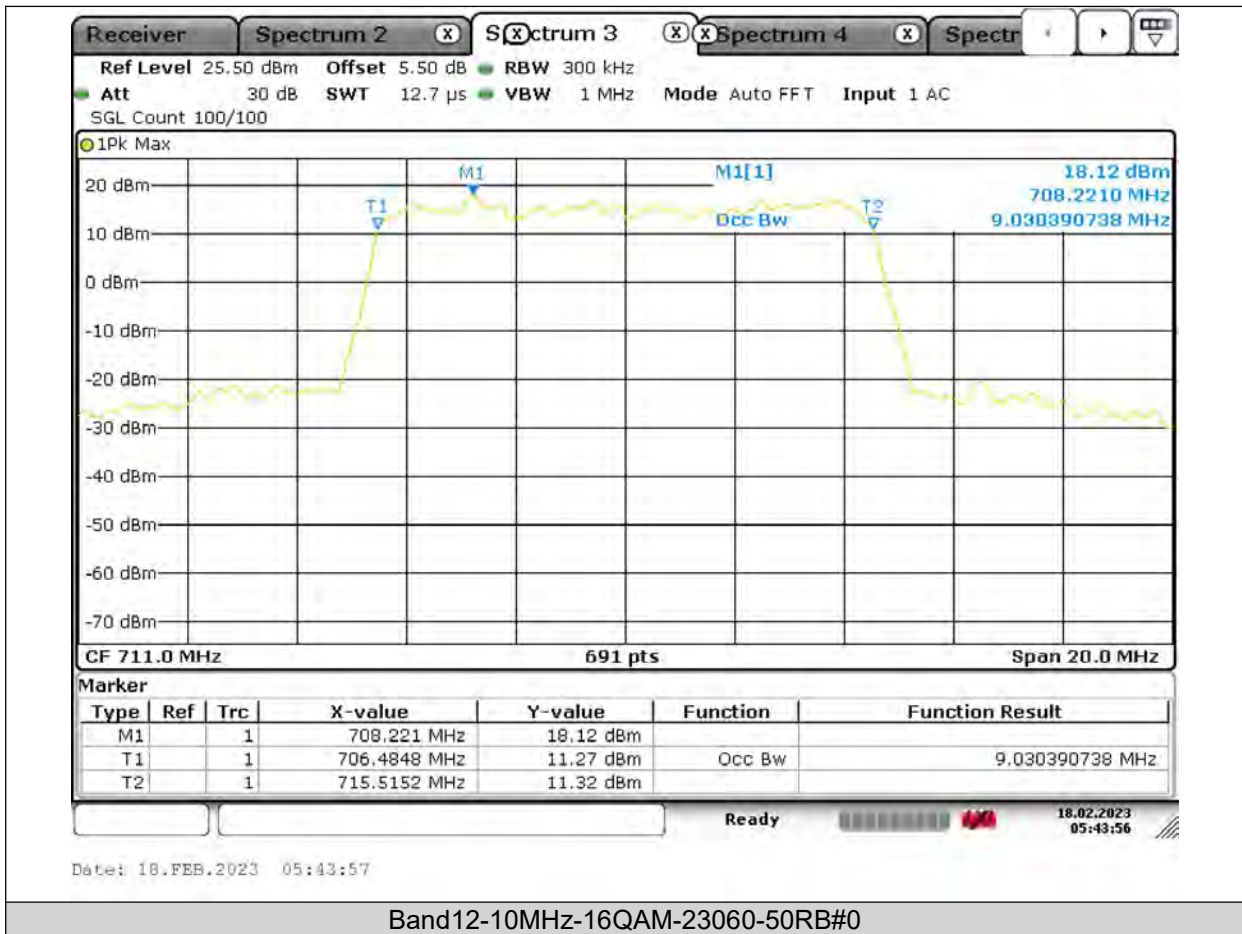
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

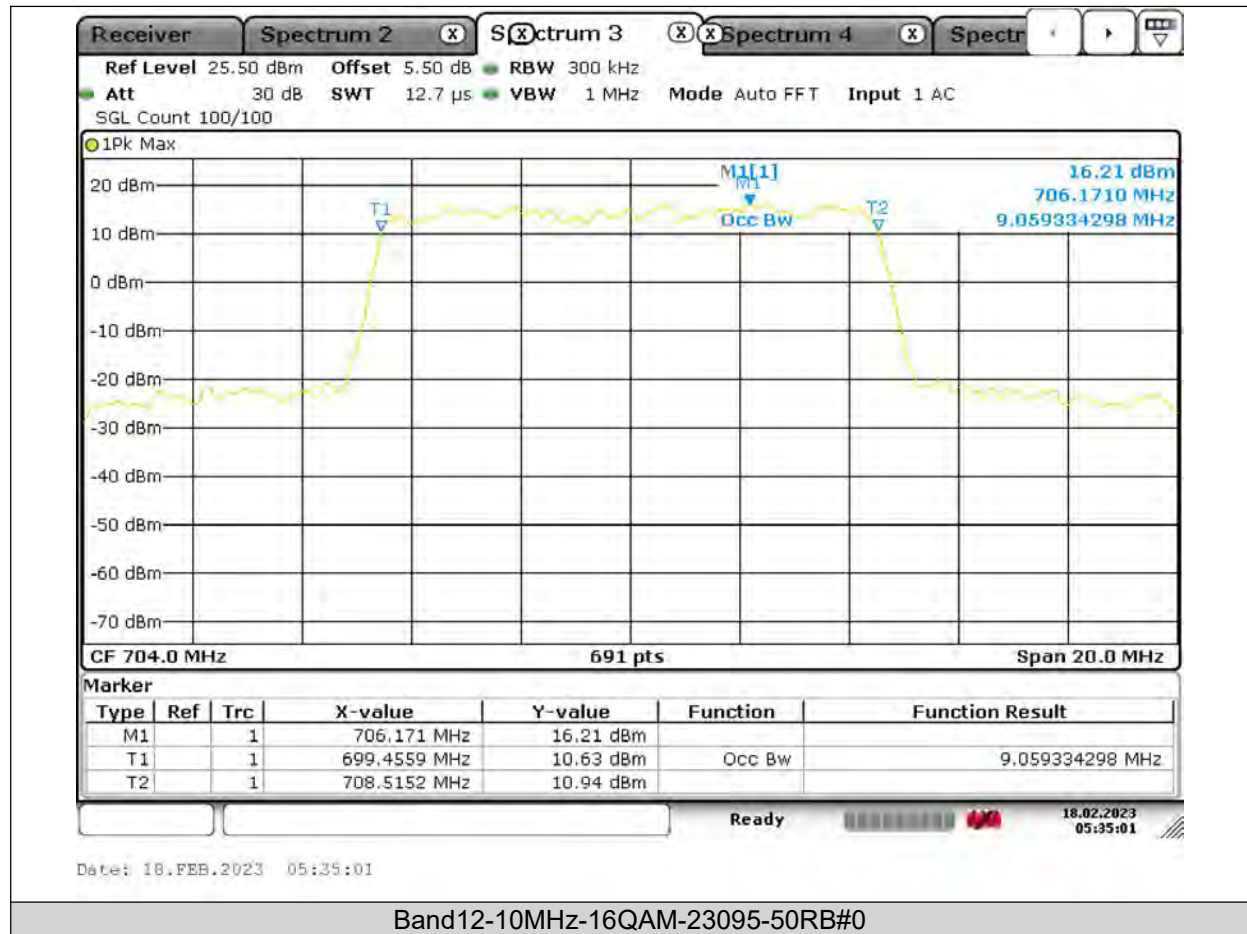
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

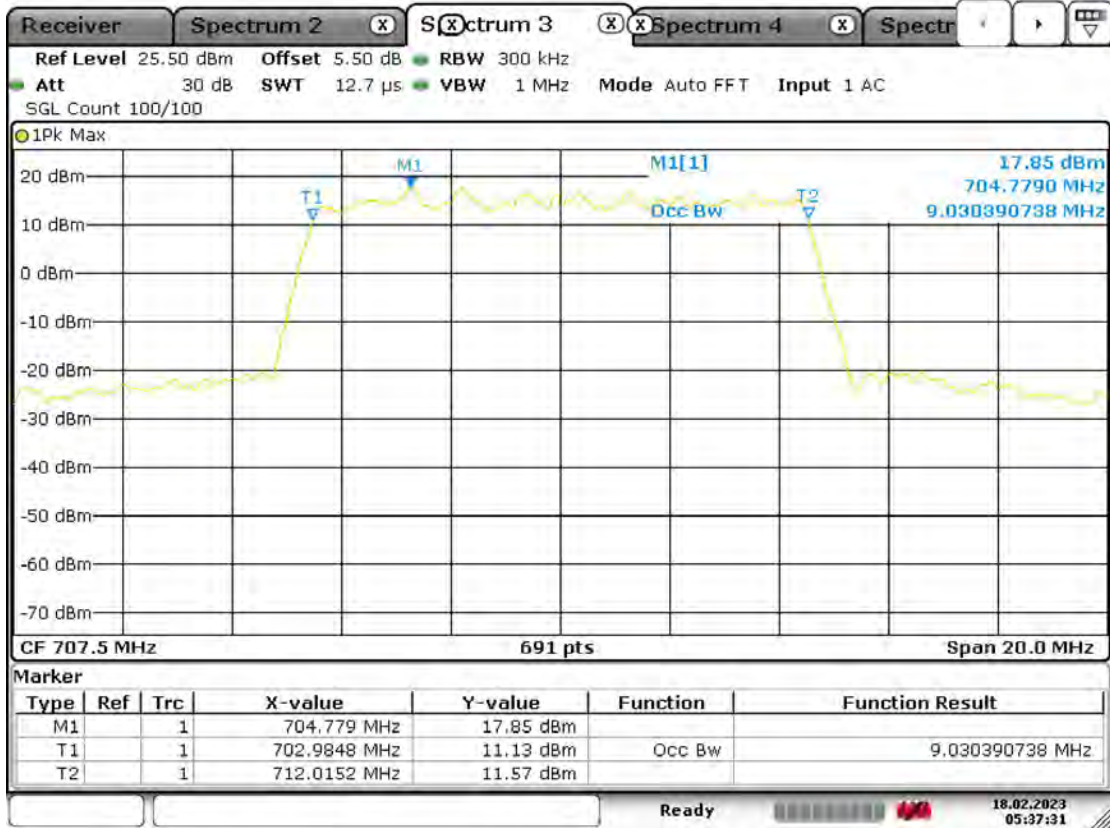
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

Test Report No.: W7L-P23010016RF03



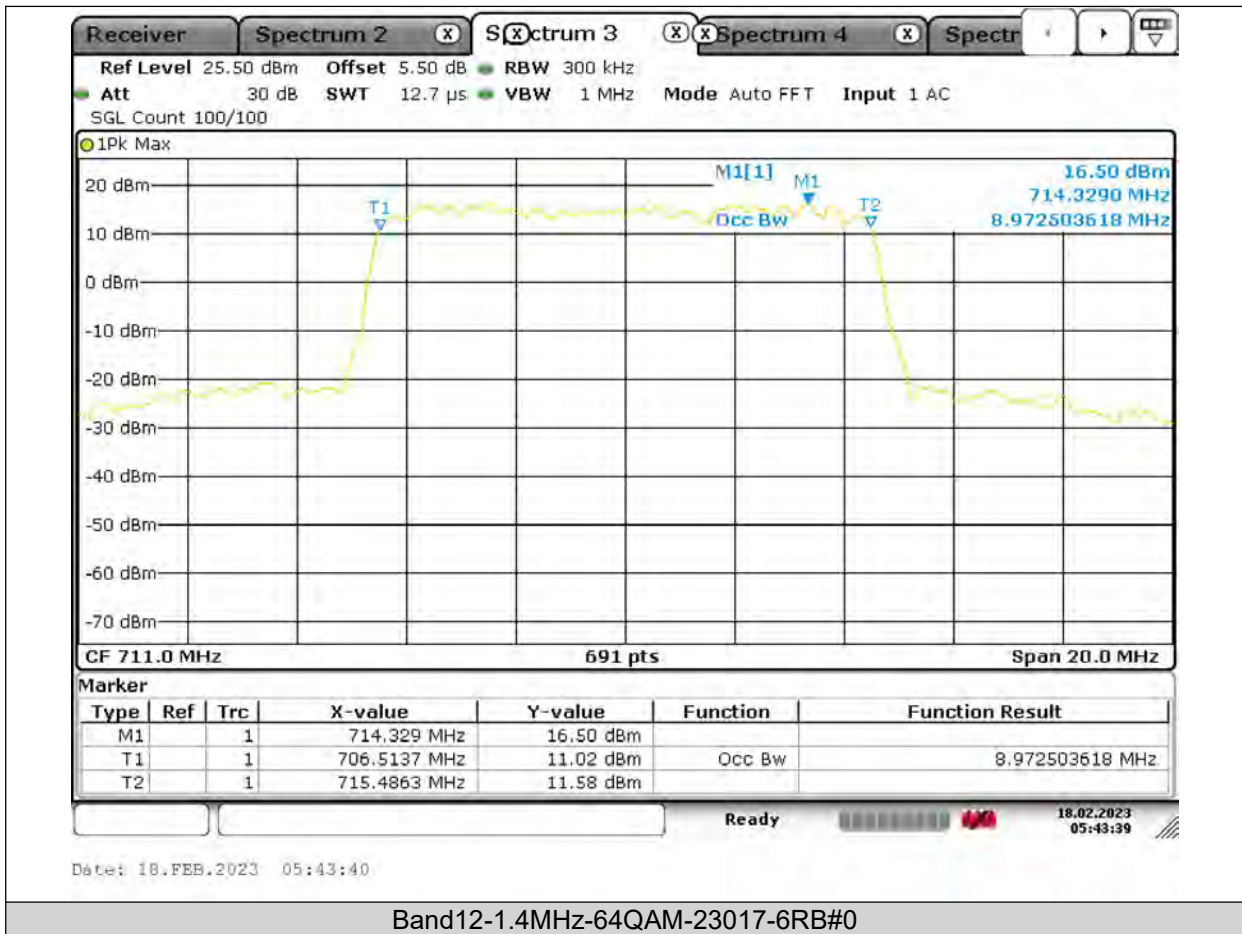
Date: 18.FEB.2023 05:37:32

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



BUREAU
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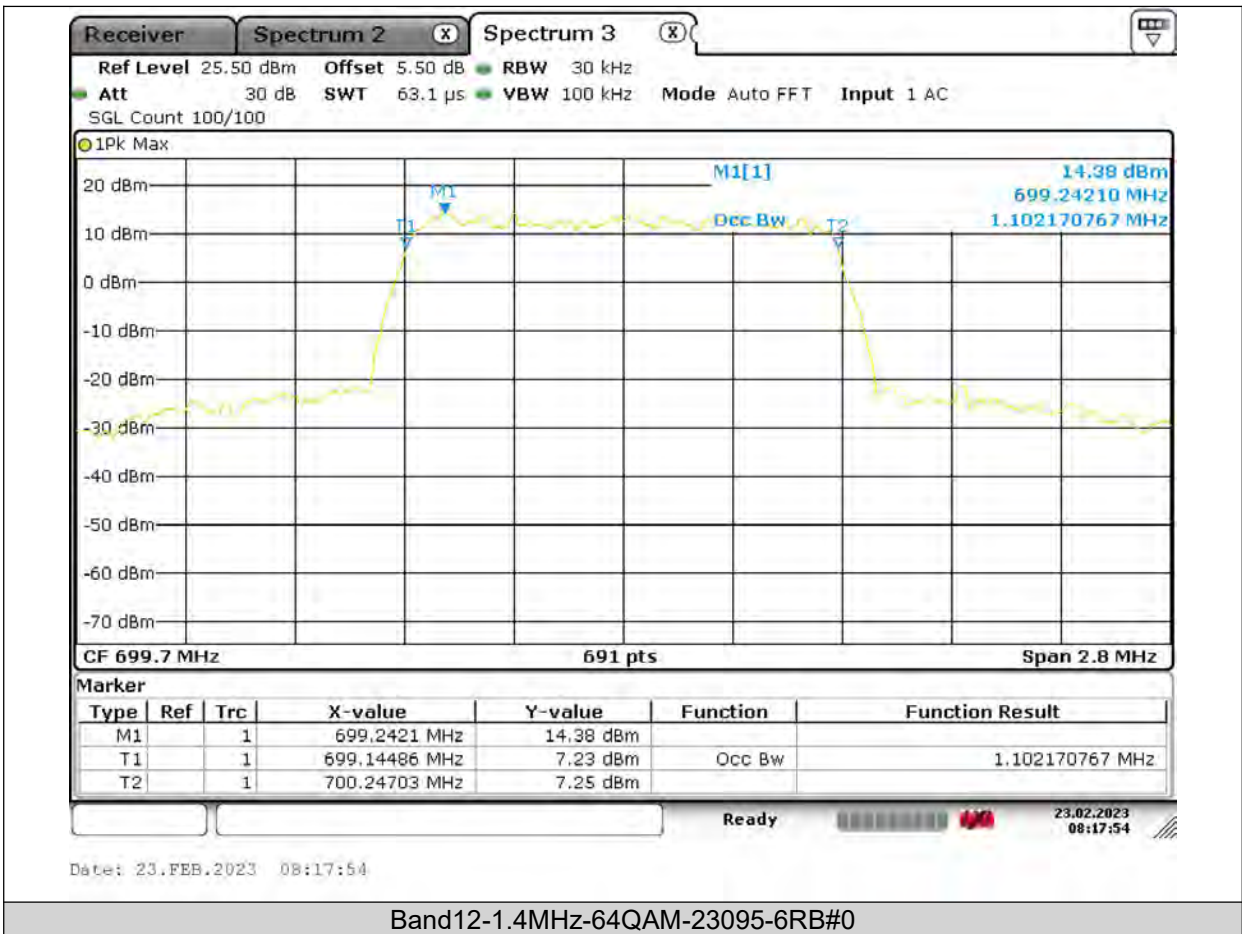
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BUREAU
VERITAS

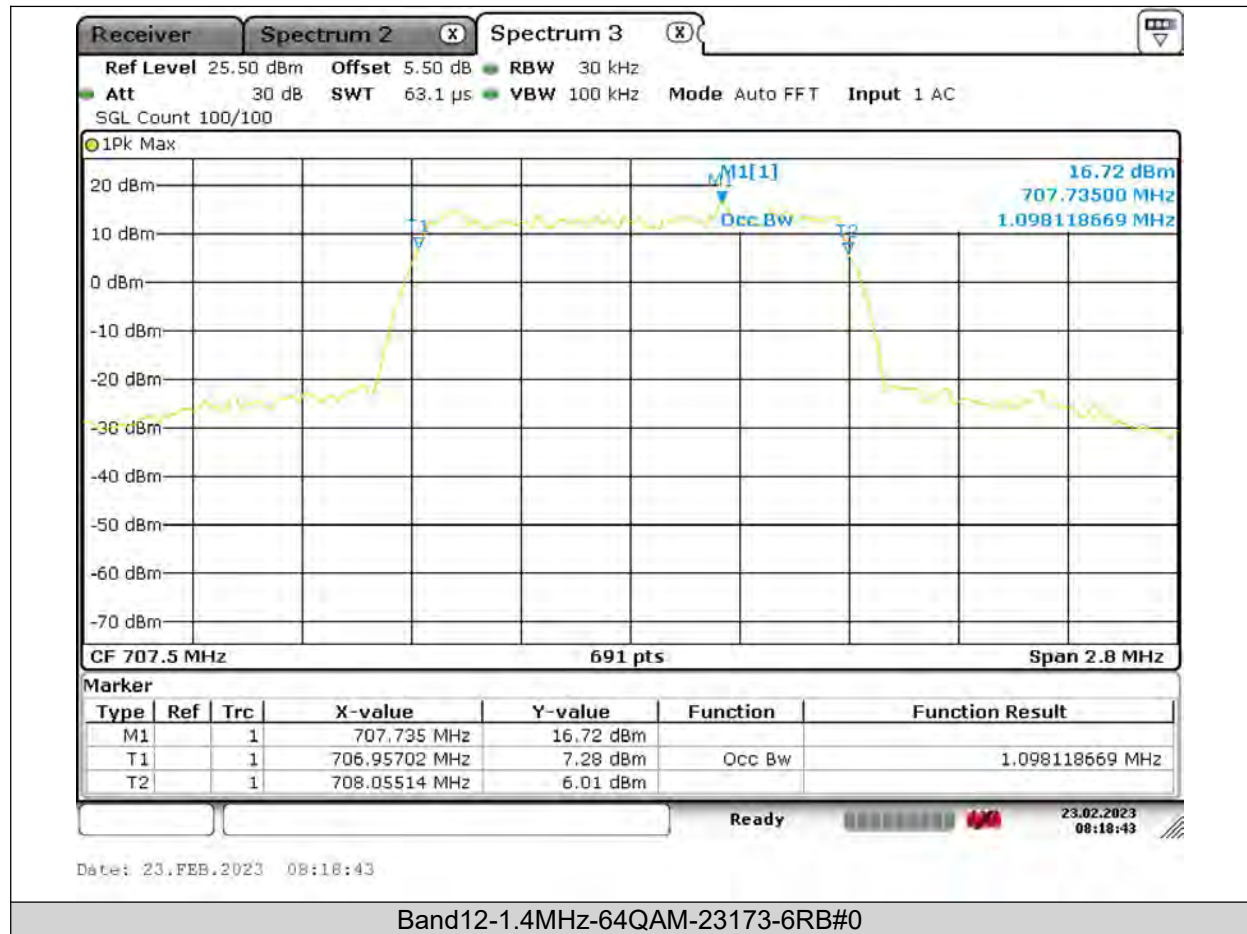
Test Report No.: W7L-P23010016RF03





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VERITAS

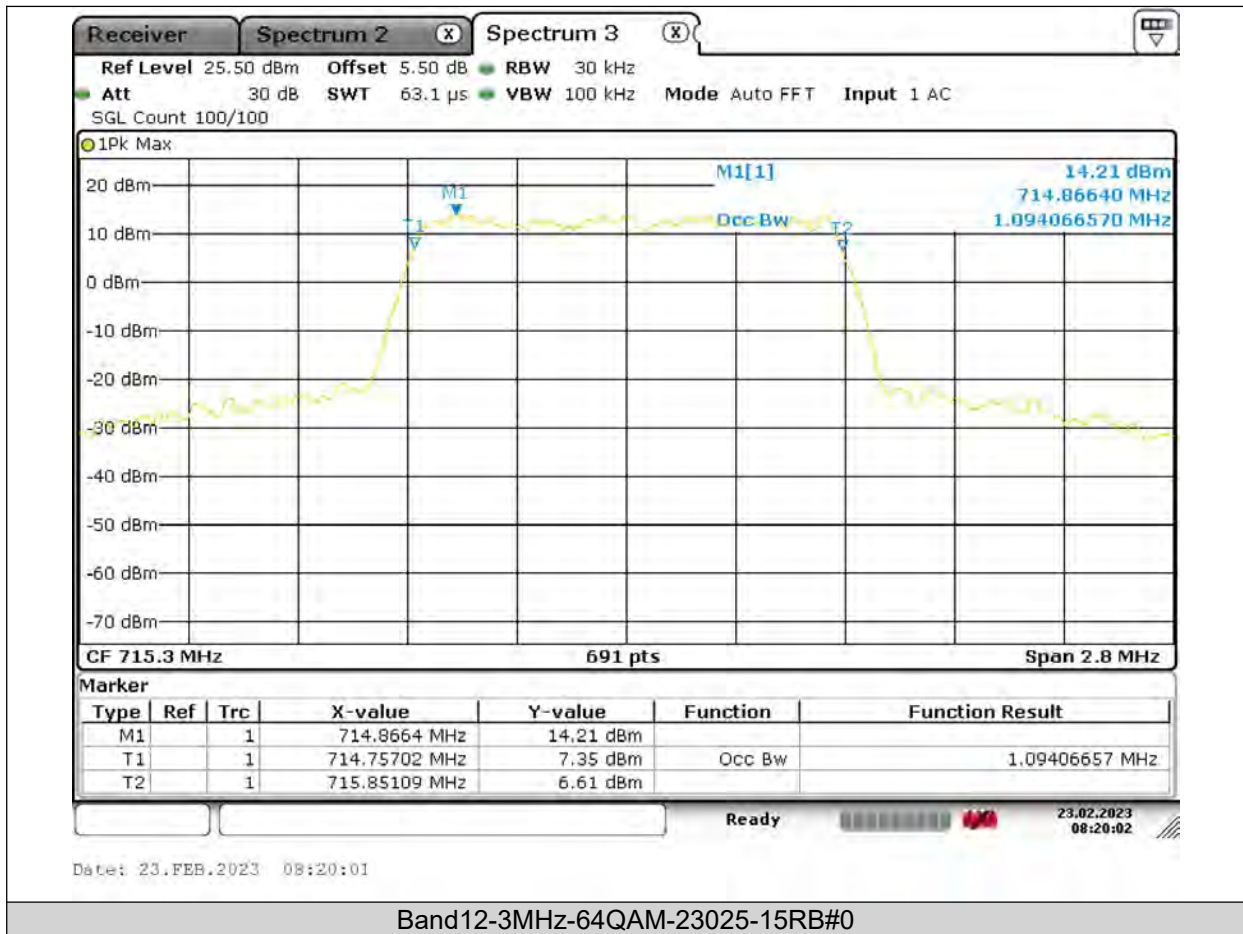
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

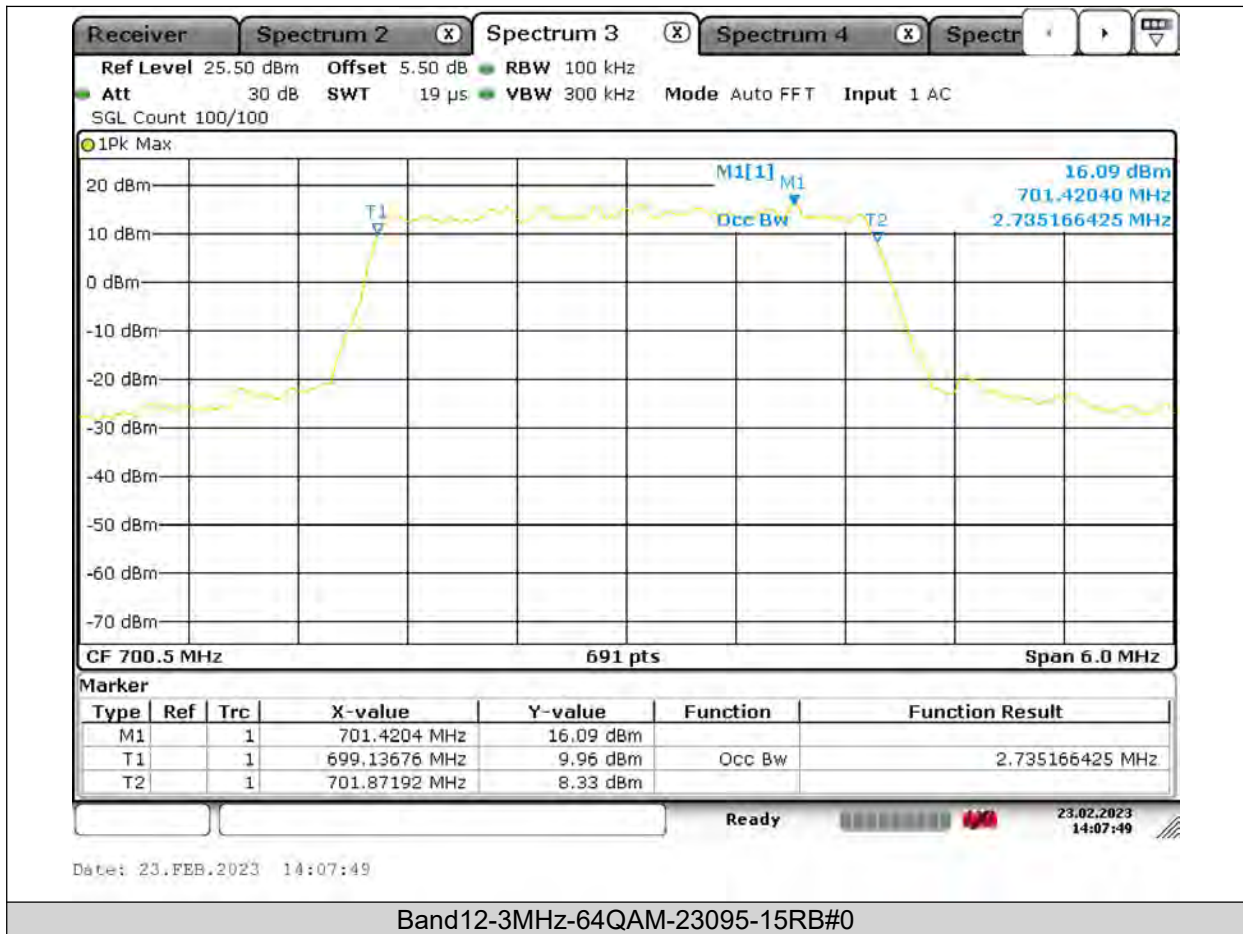
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

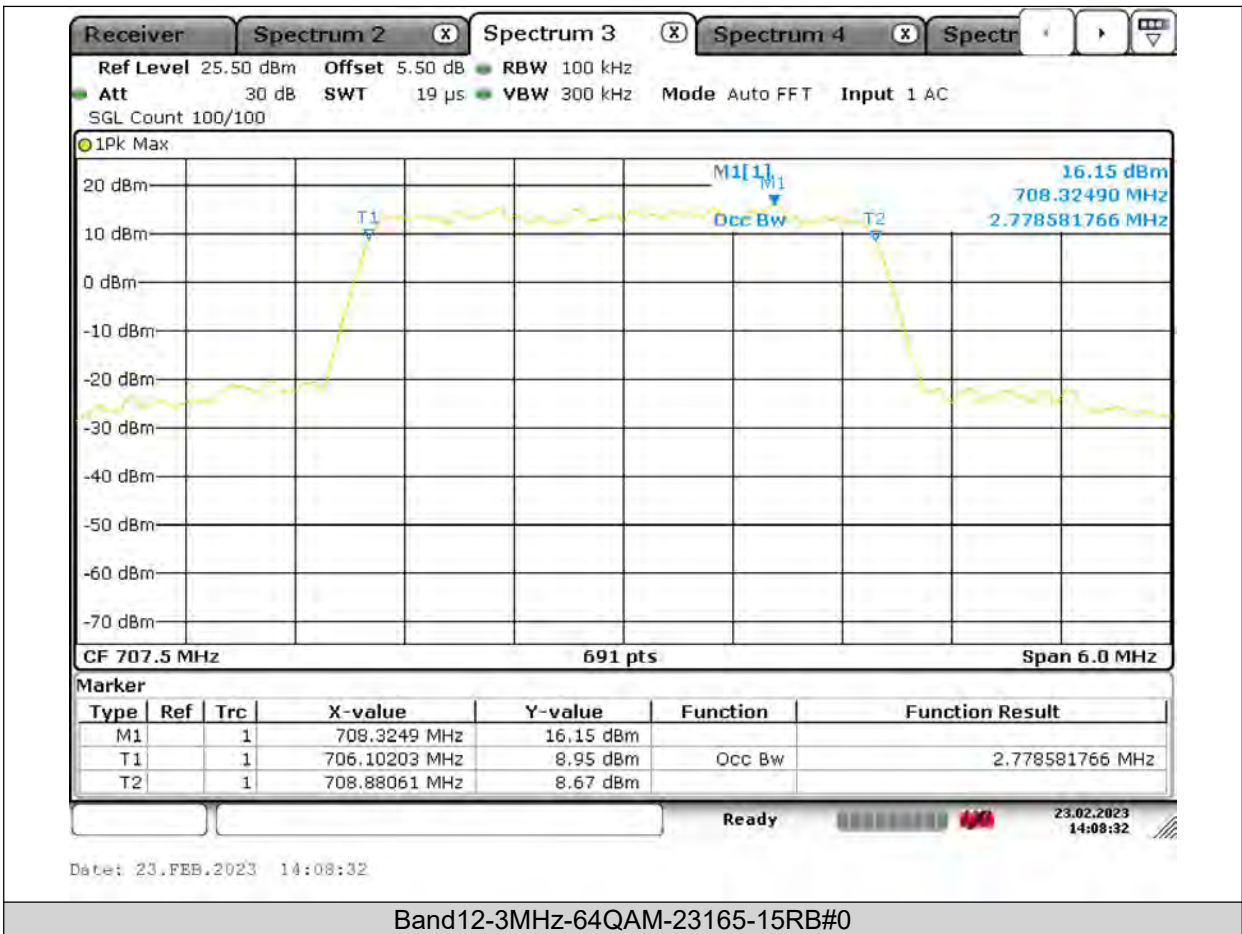
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BUREAU
VERITAS

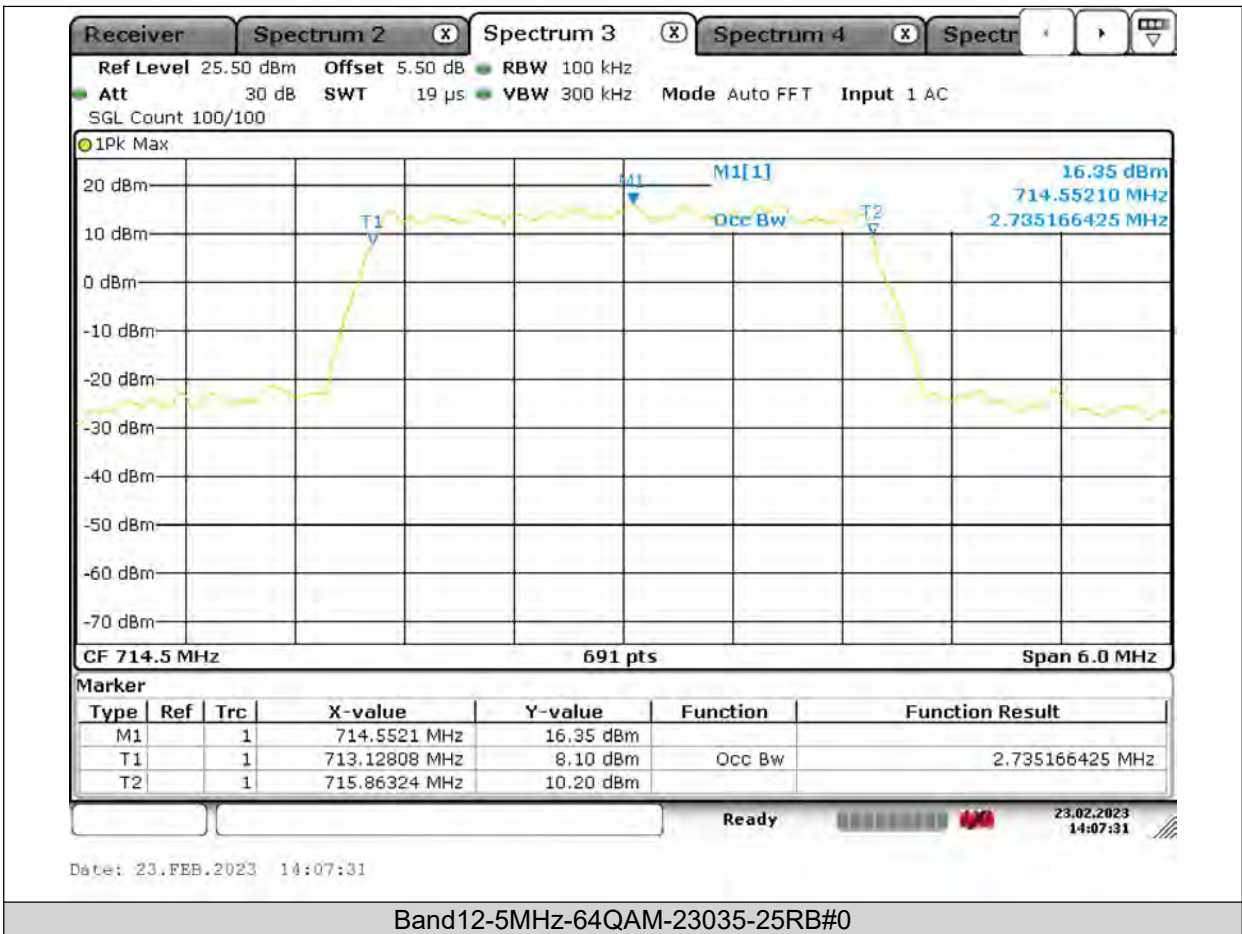
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

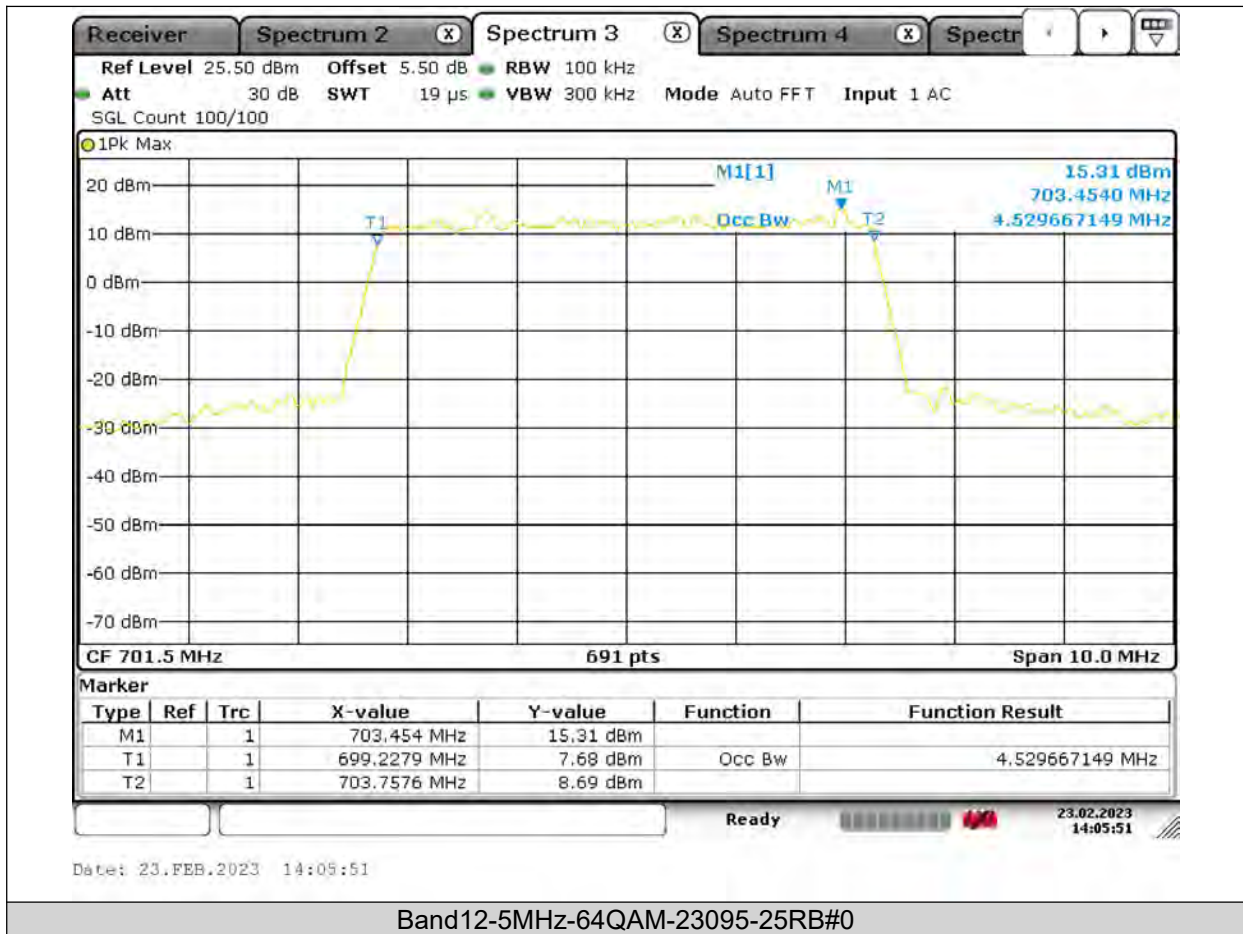
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

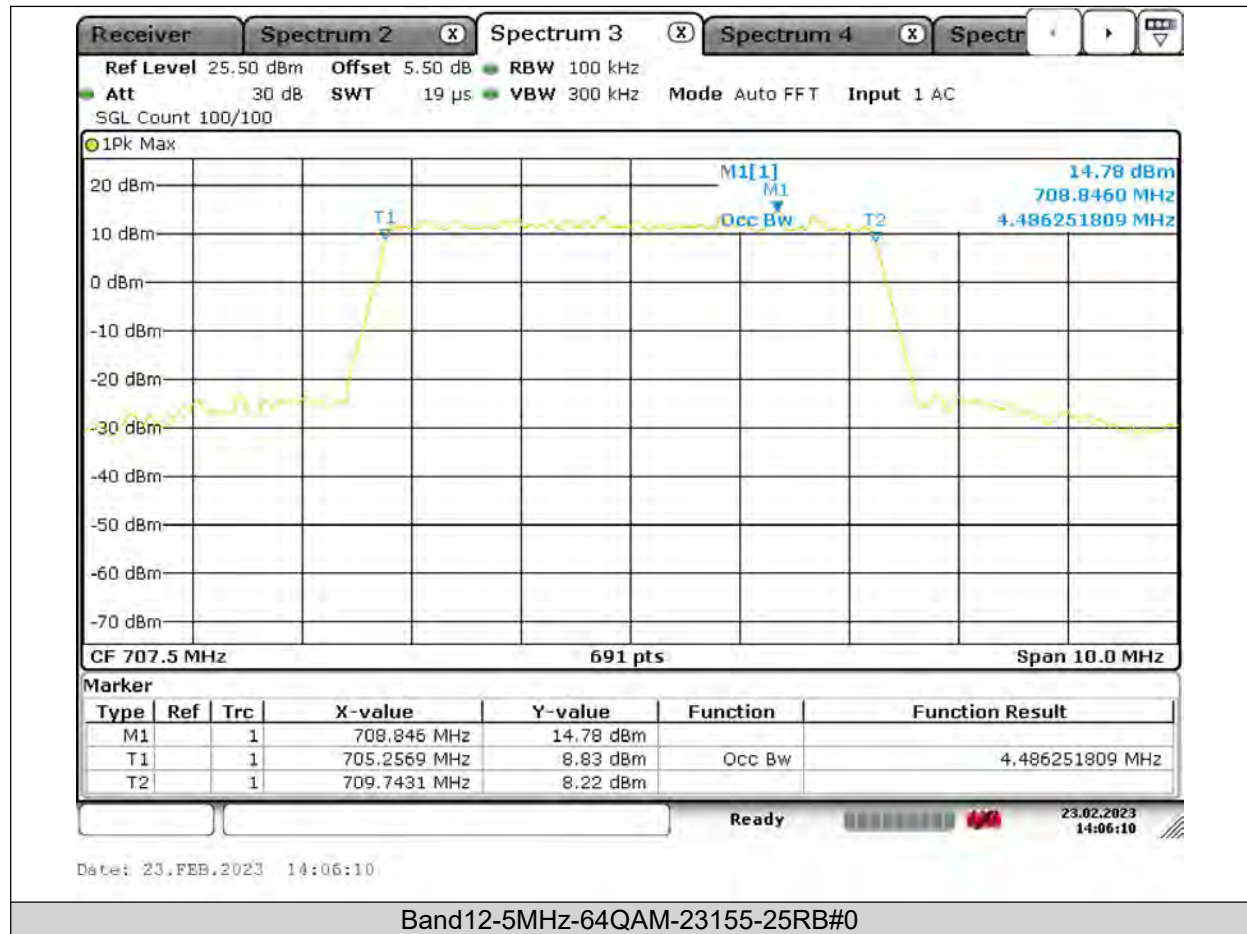
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

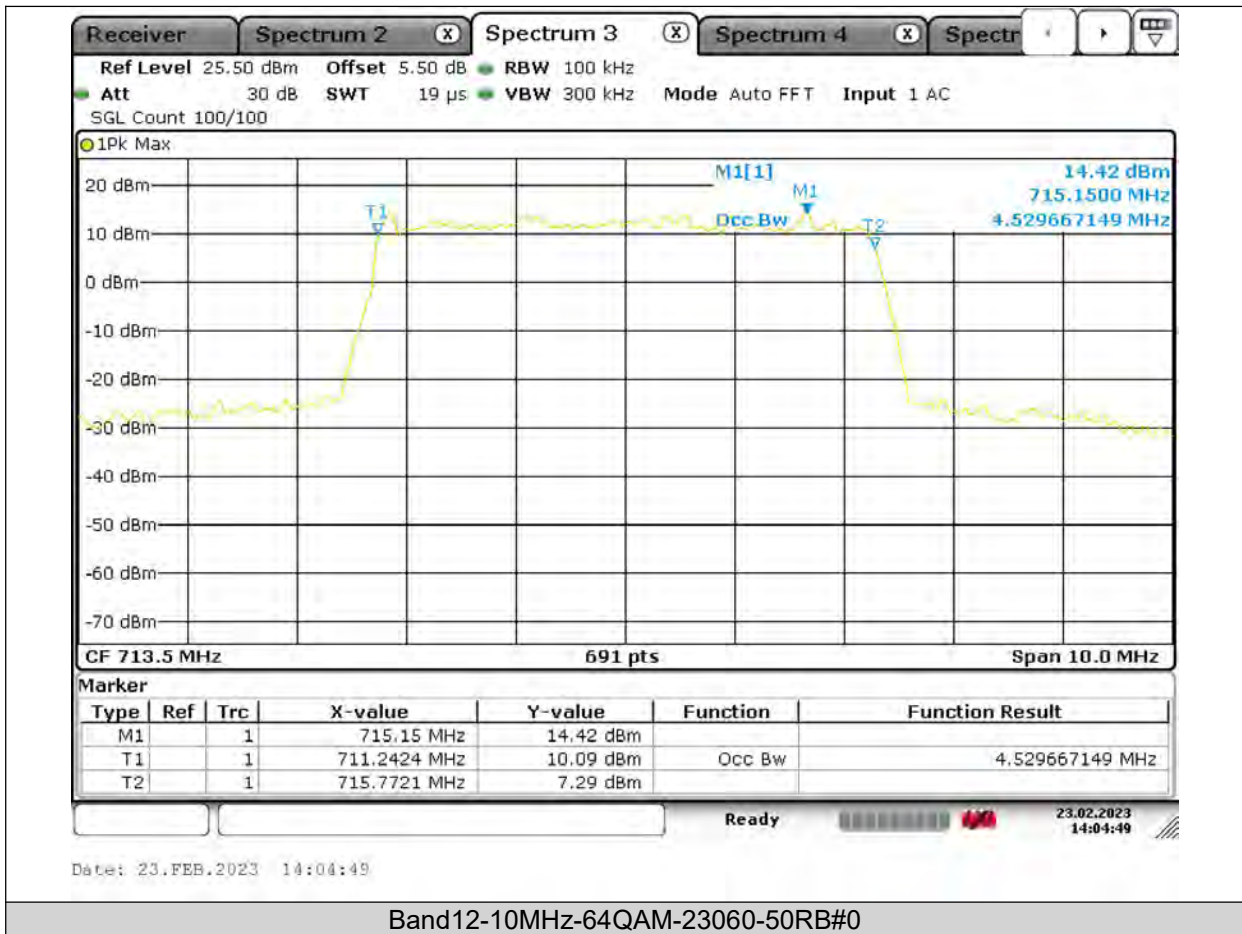
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

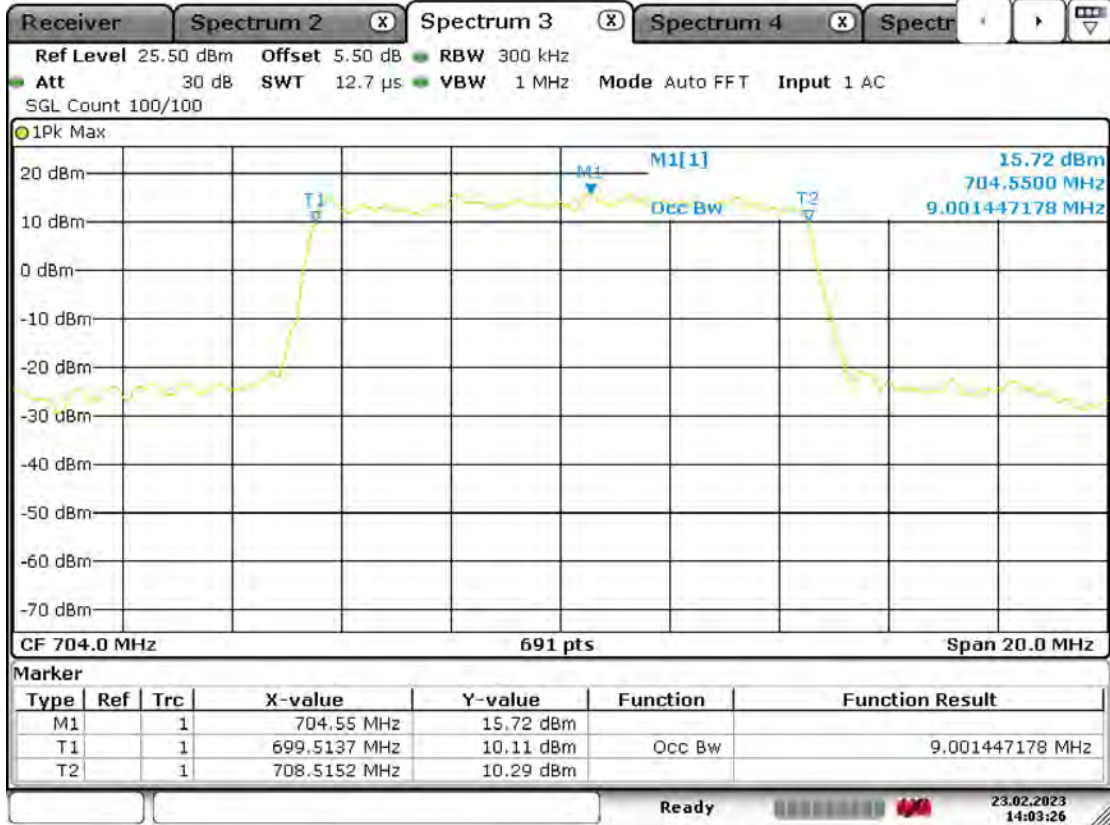
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

Test Report No.: W7L-P23010016RF03



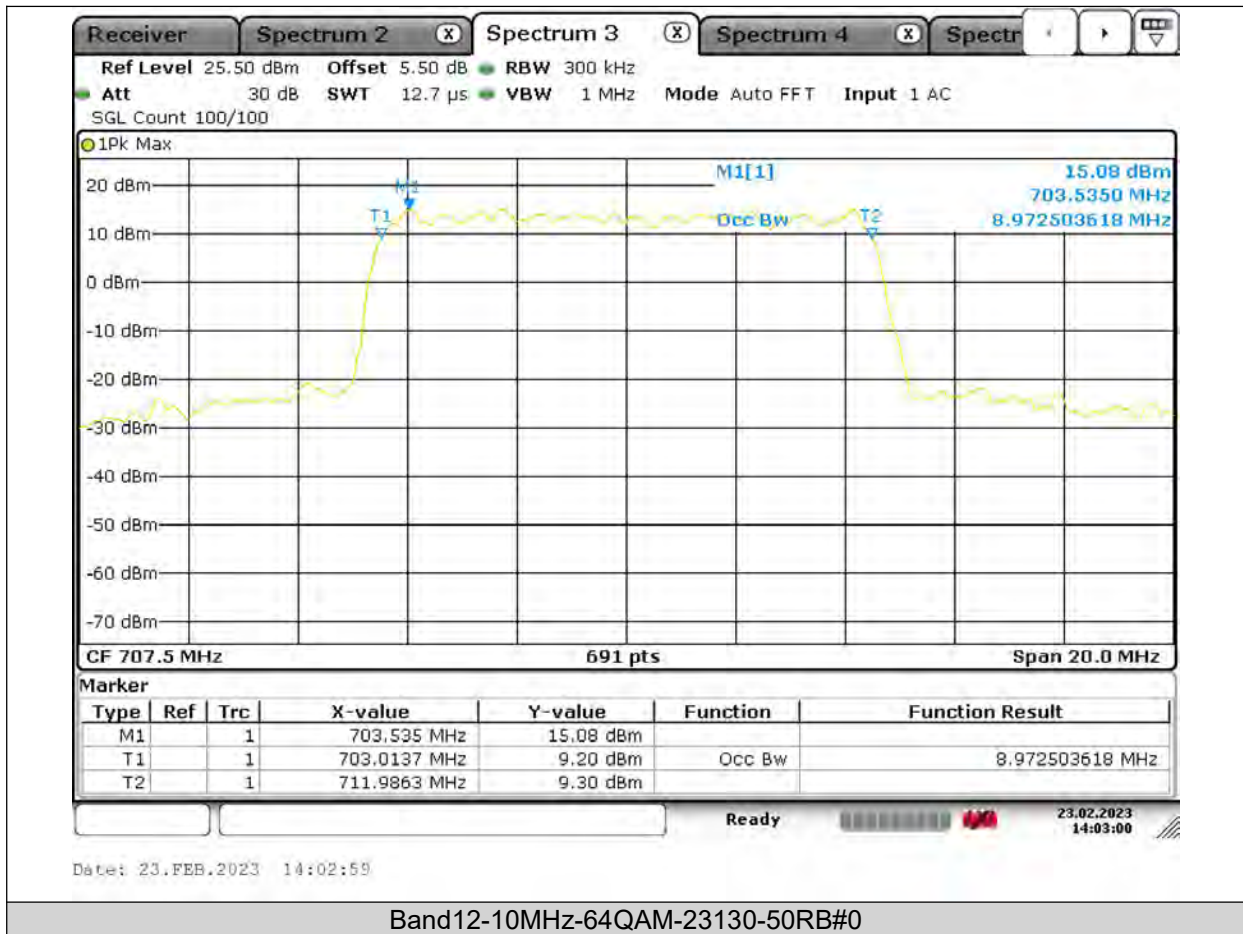
Date: 23.FEB.2023 14:03:26

Band12-10MHz-64QAM-23095-50RB#0



BUREAU
VERITAS

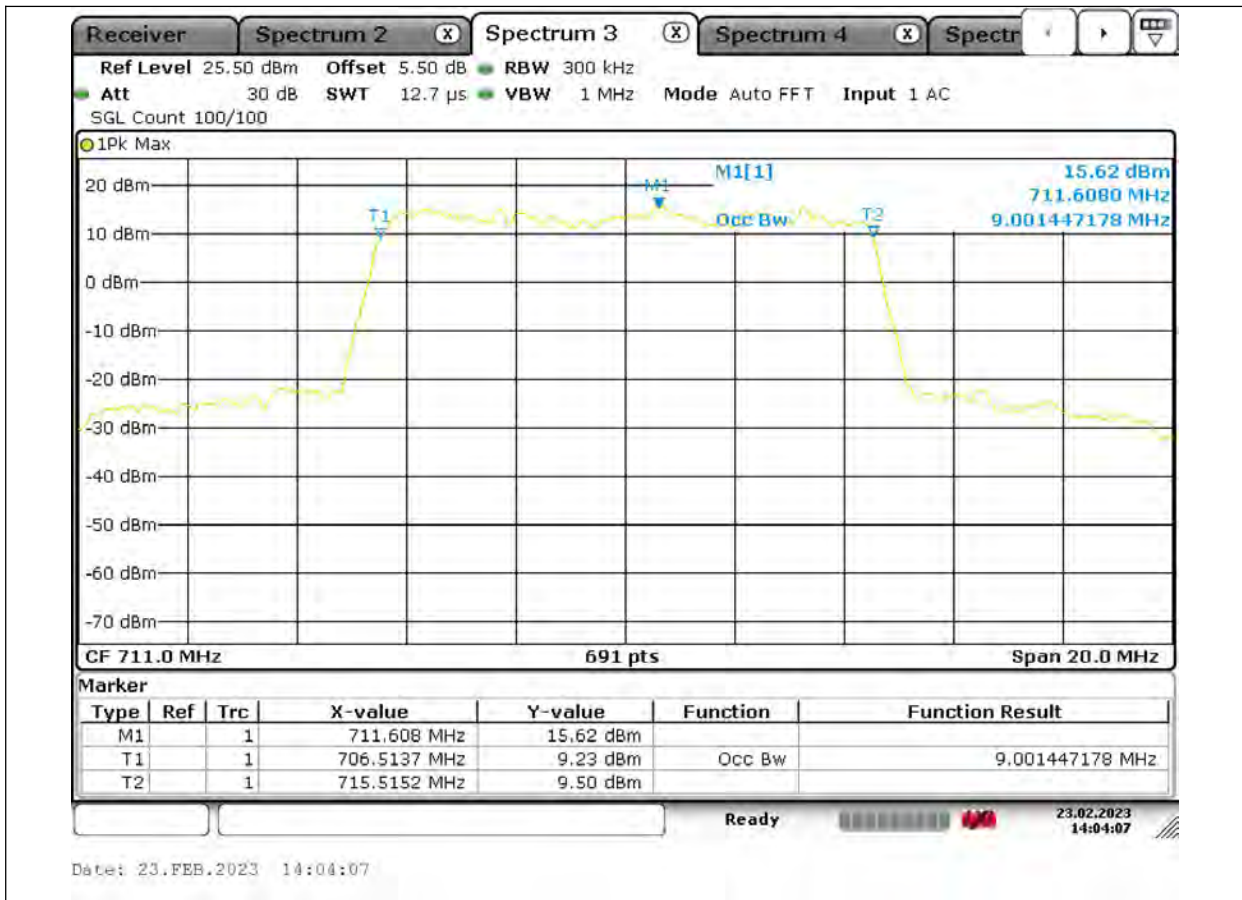
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

Test Report No.: W7L-P23010016RF03



26dB Bandwidth

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

Huarui 7layers High Technology
(Suzhou) Co., Ltd.

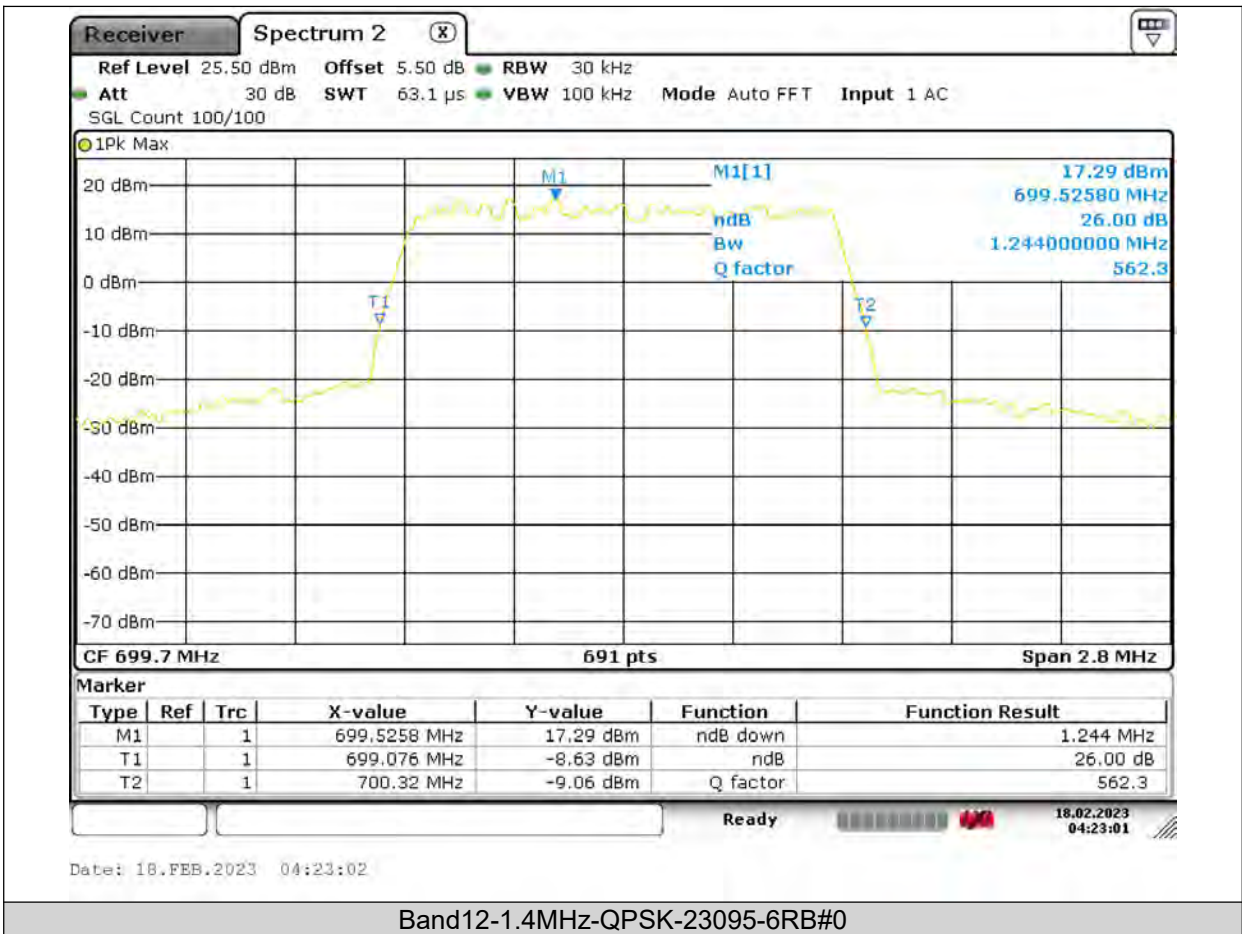
Tower N, Innovation Center, 88 Zhuyi Road,
High-tech District, Suzhou City, Anhui Province

Tel: +86 (0557) 368 1008



BUREAU
VERITAS

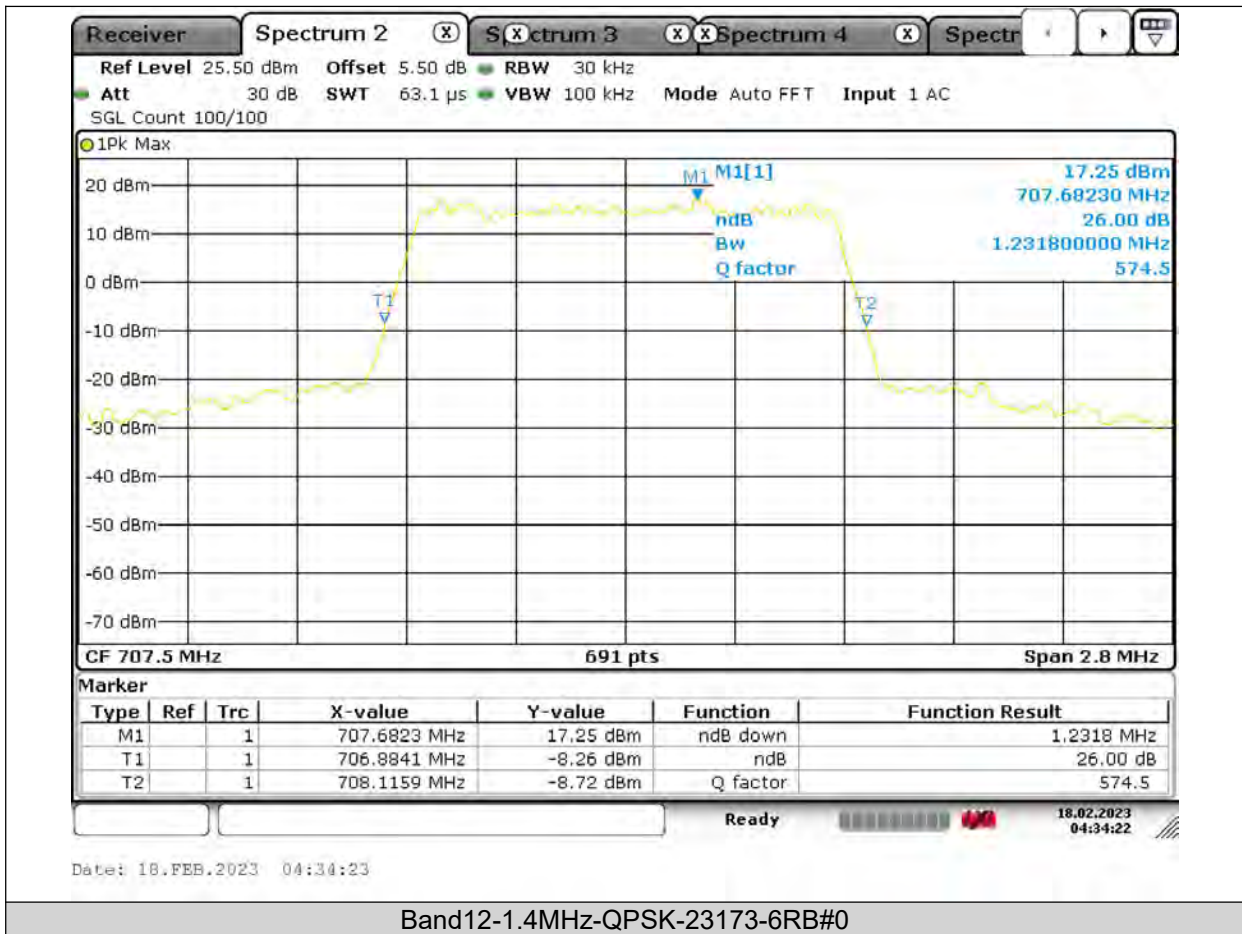
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VERITAS

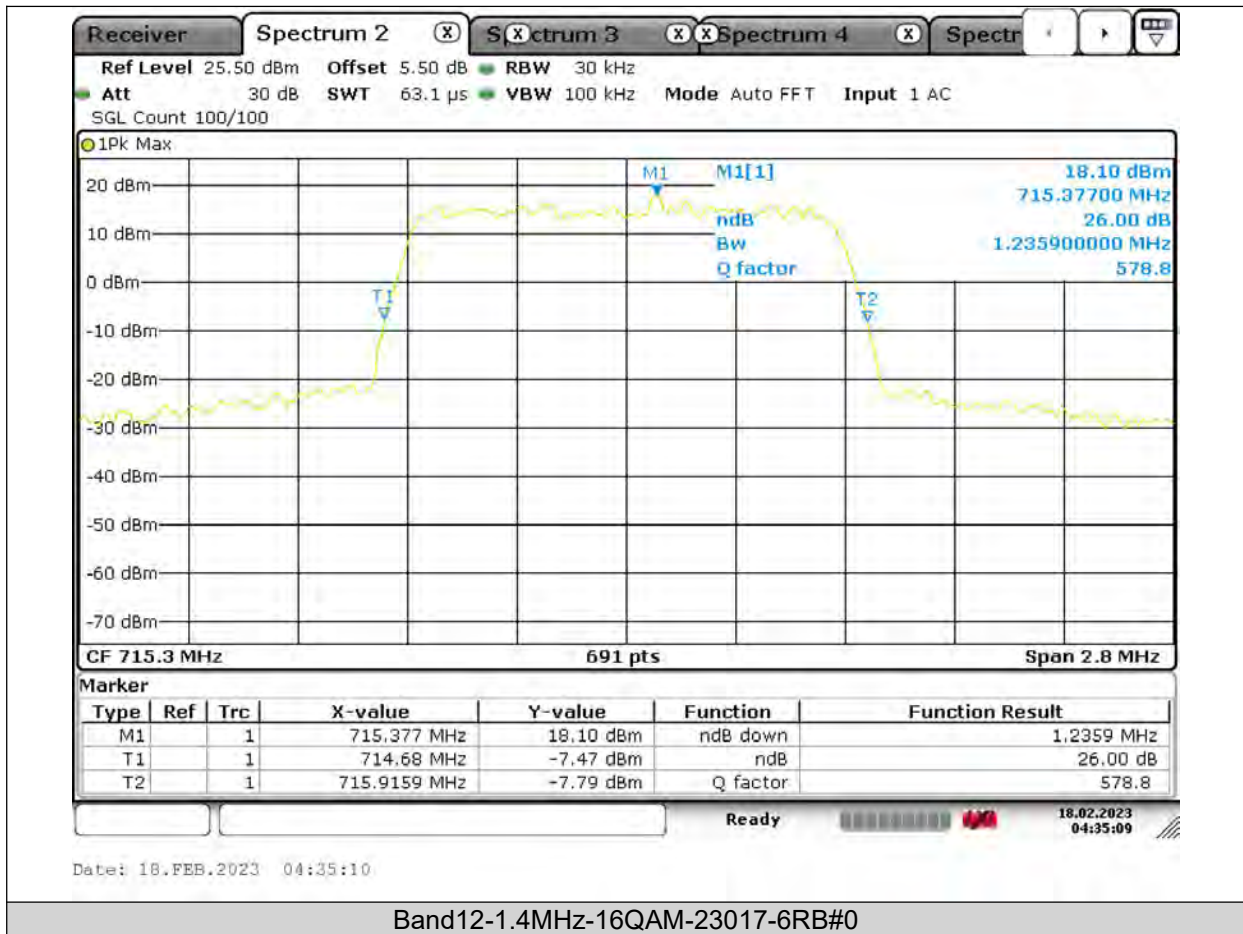
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BUREAU VERITAS

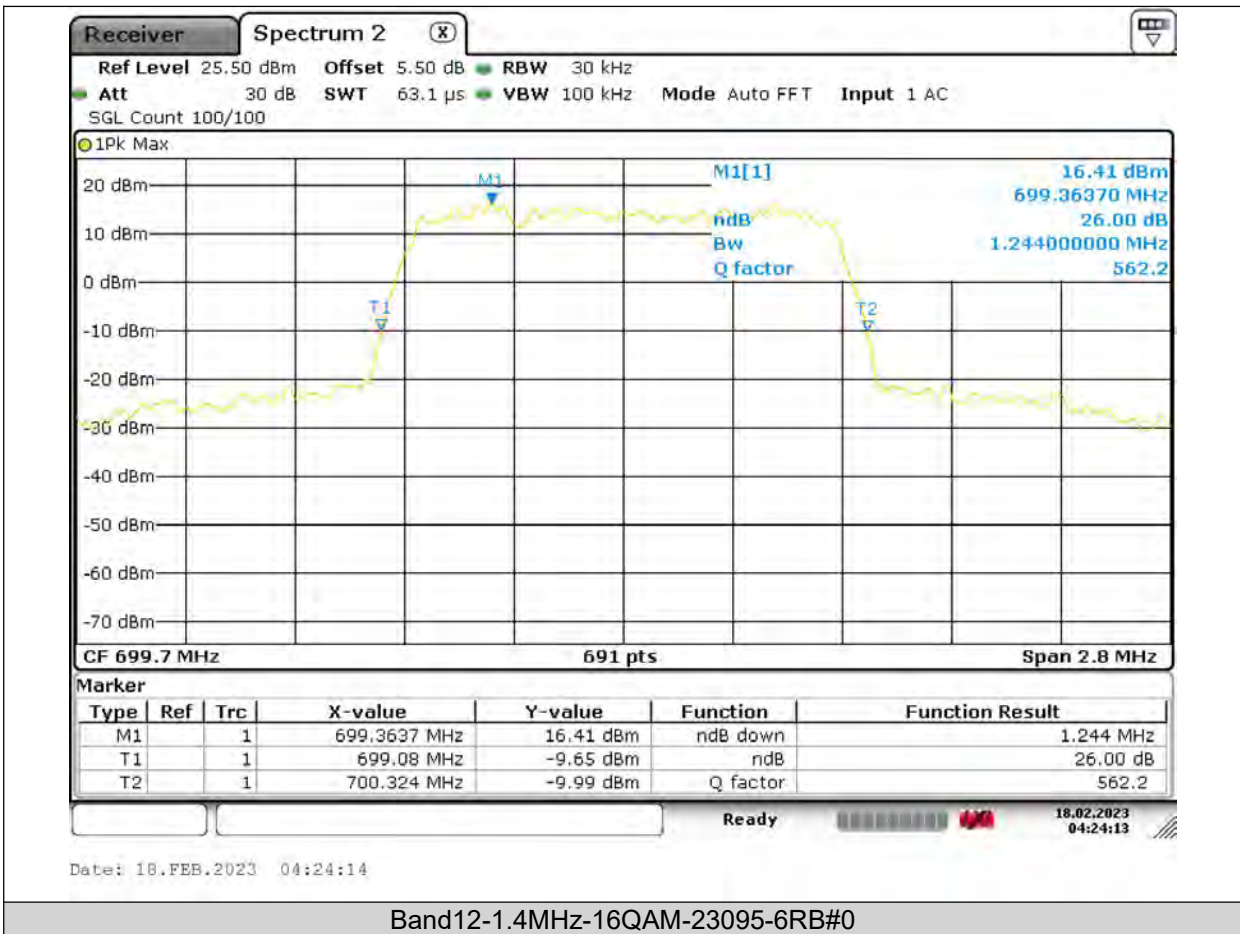
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BUREAU
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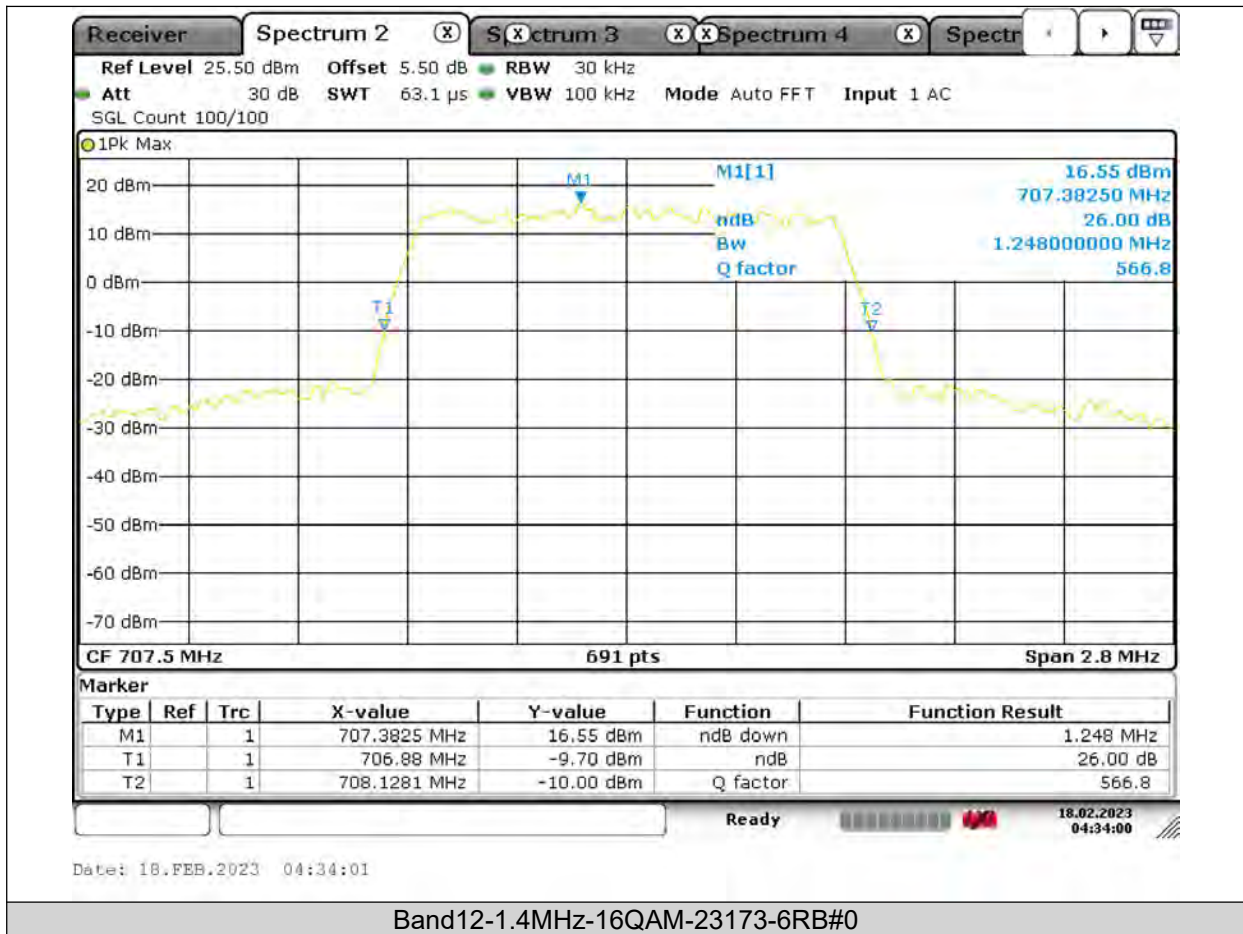
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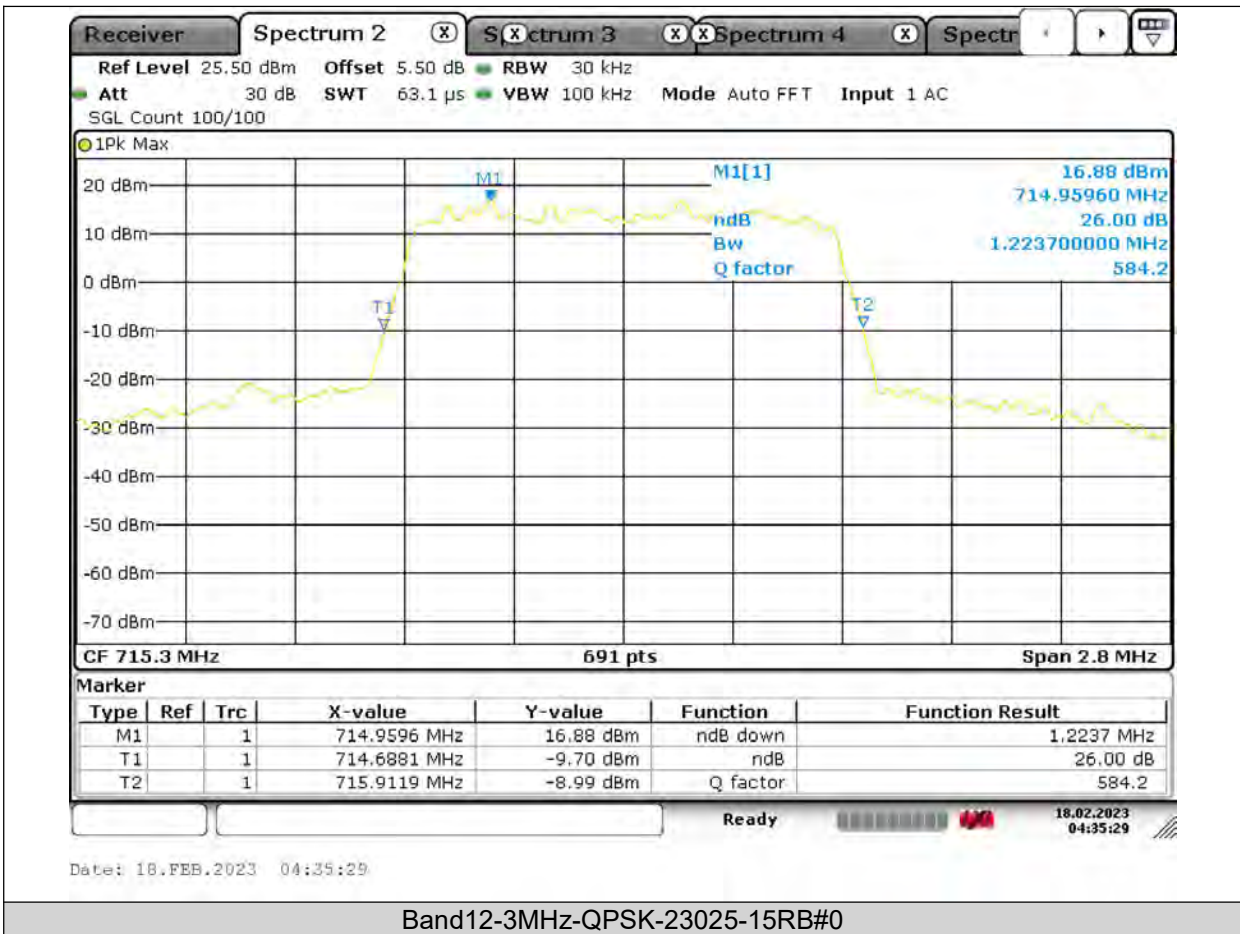
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VERITAS

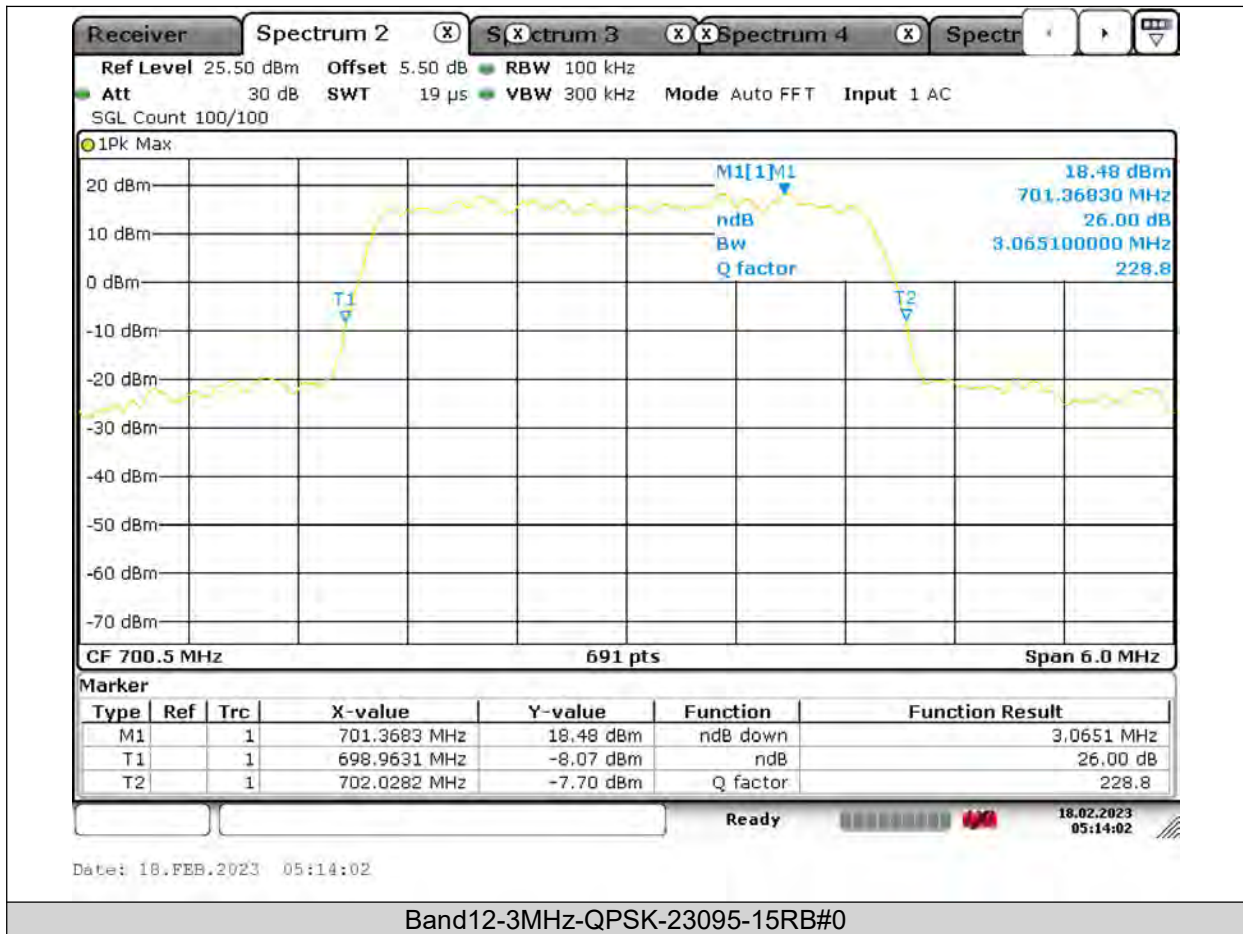
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BUREAU
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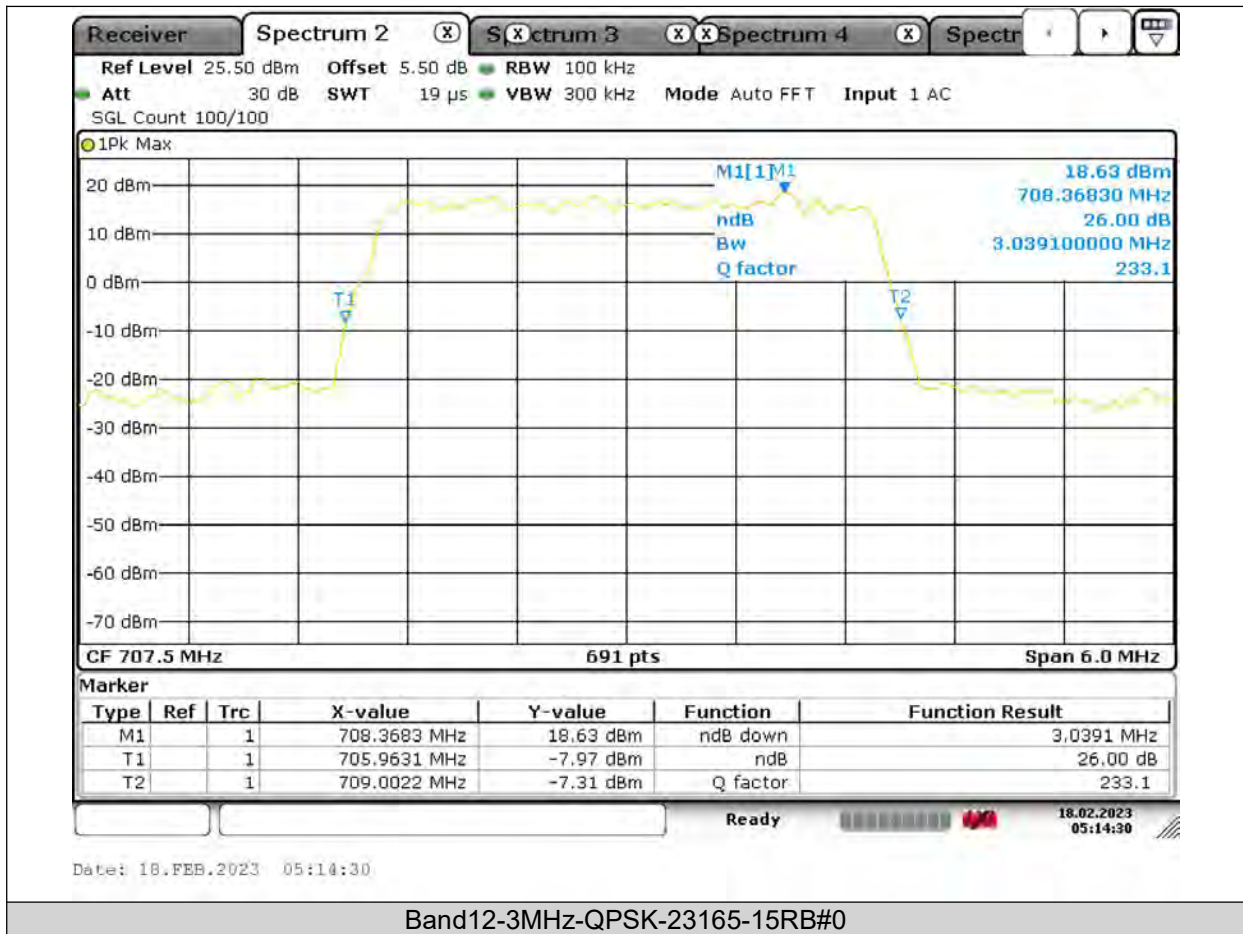
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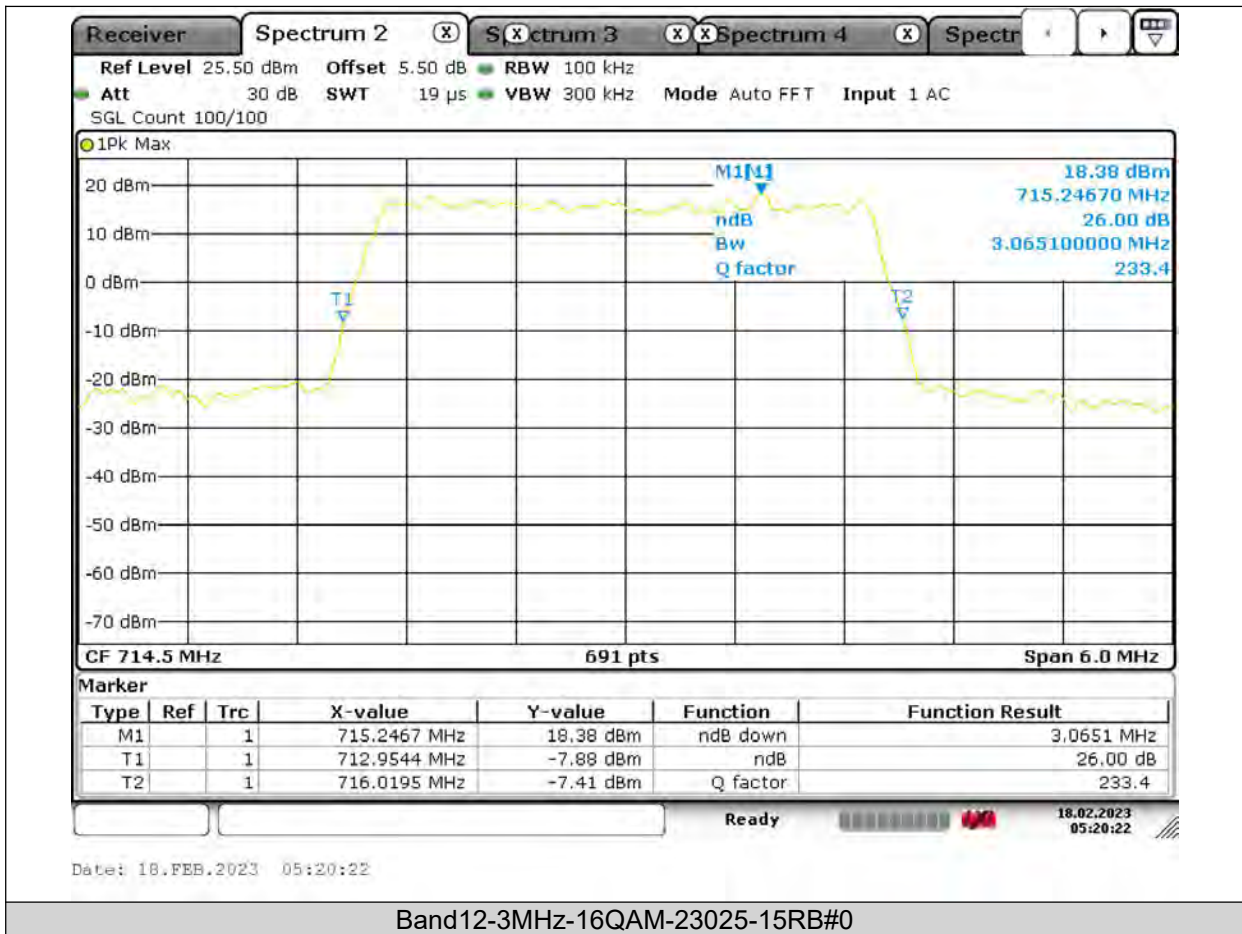
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BUREAU
VERITAS

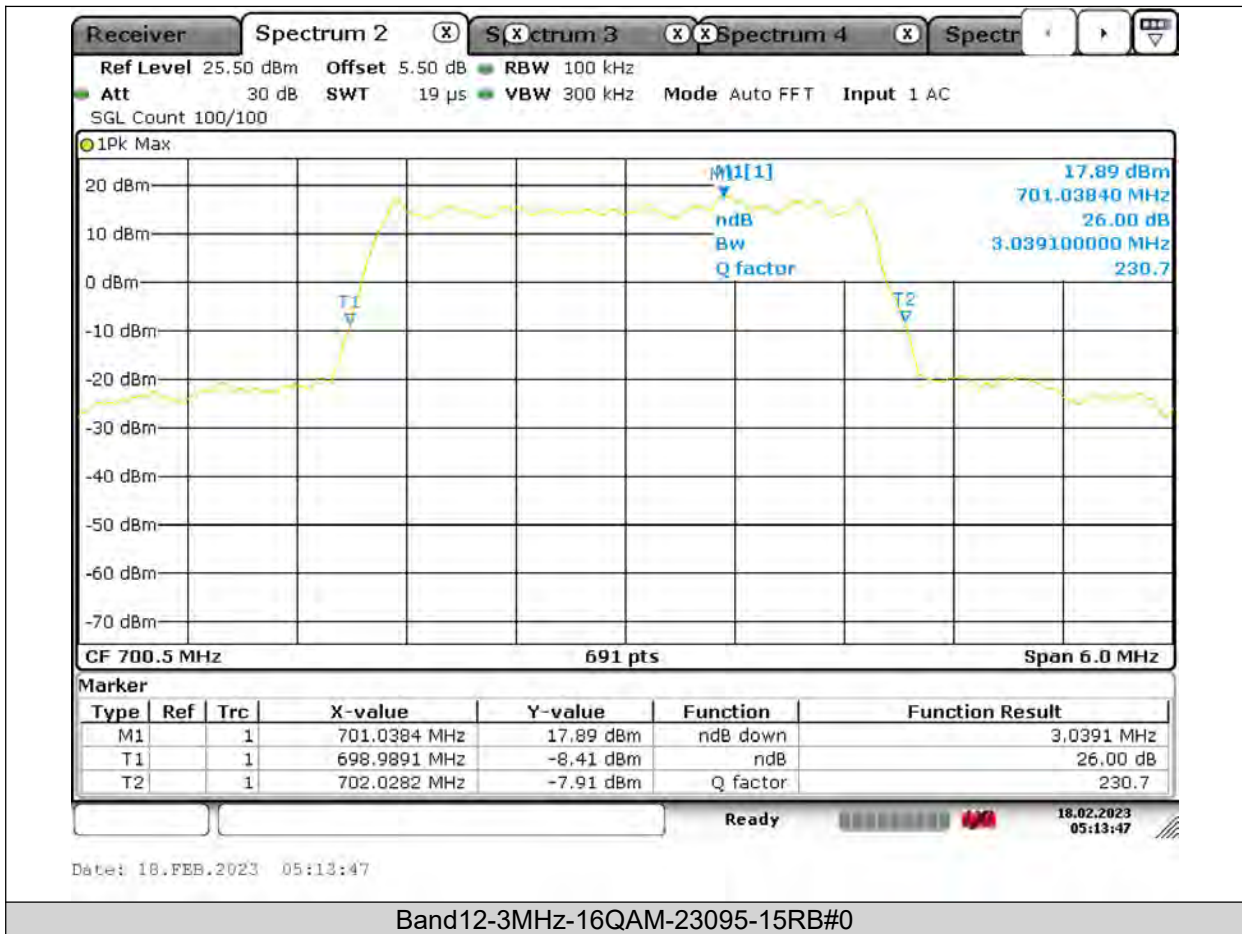
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

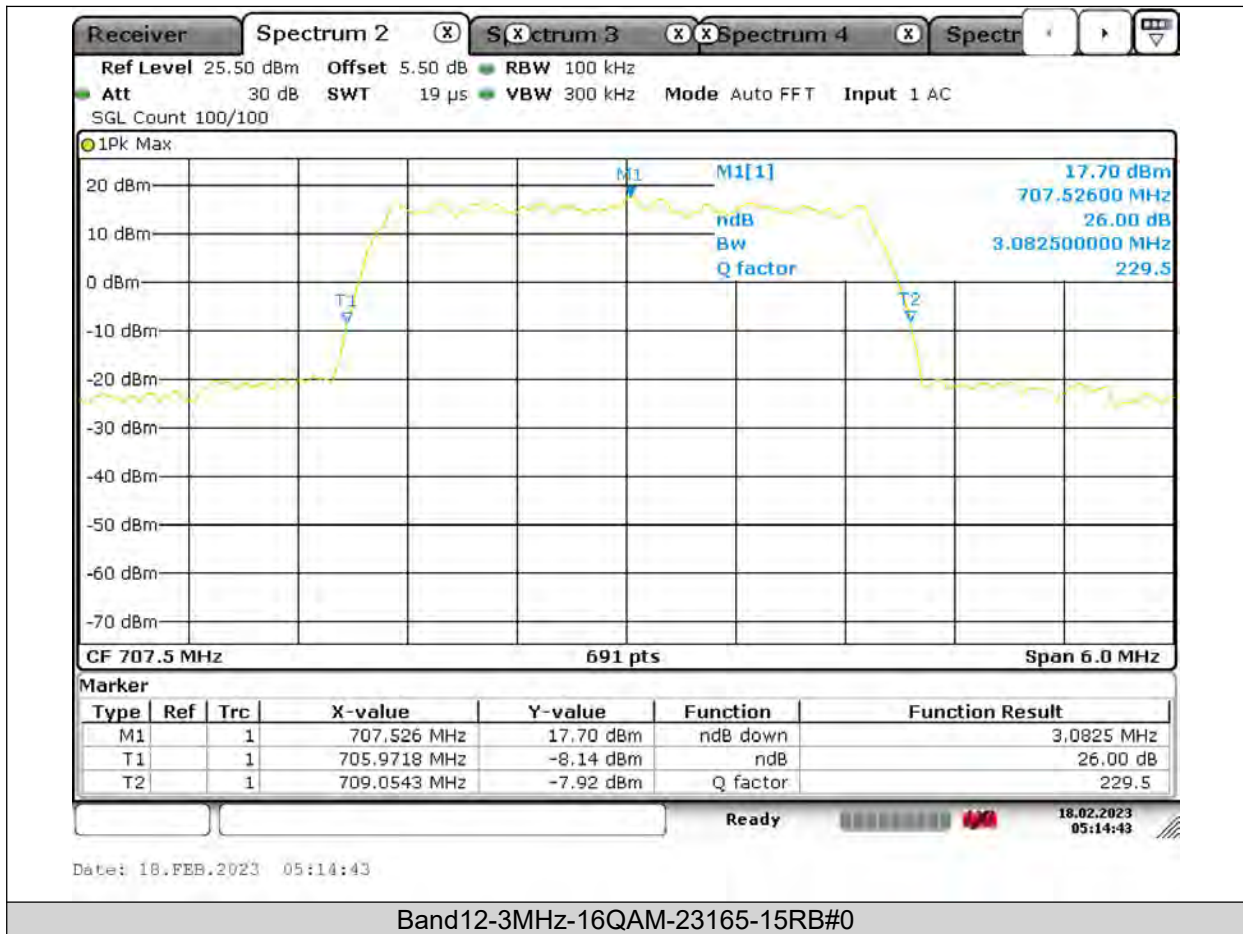
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BUREAU VERITAS

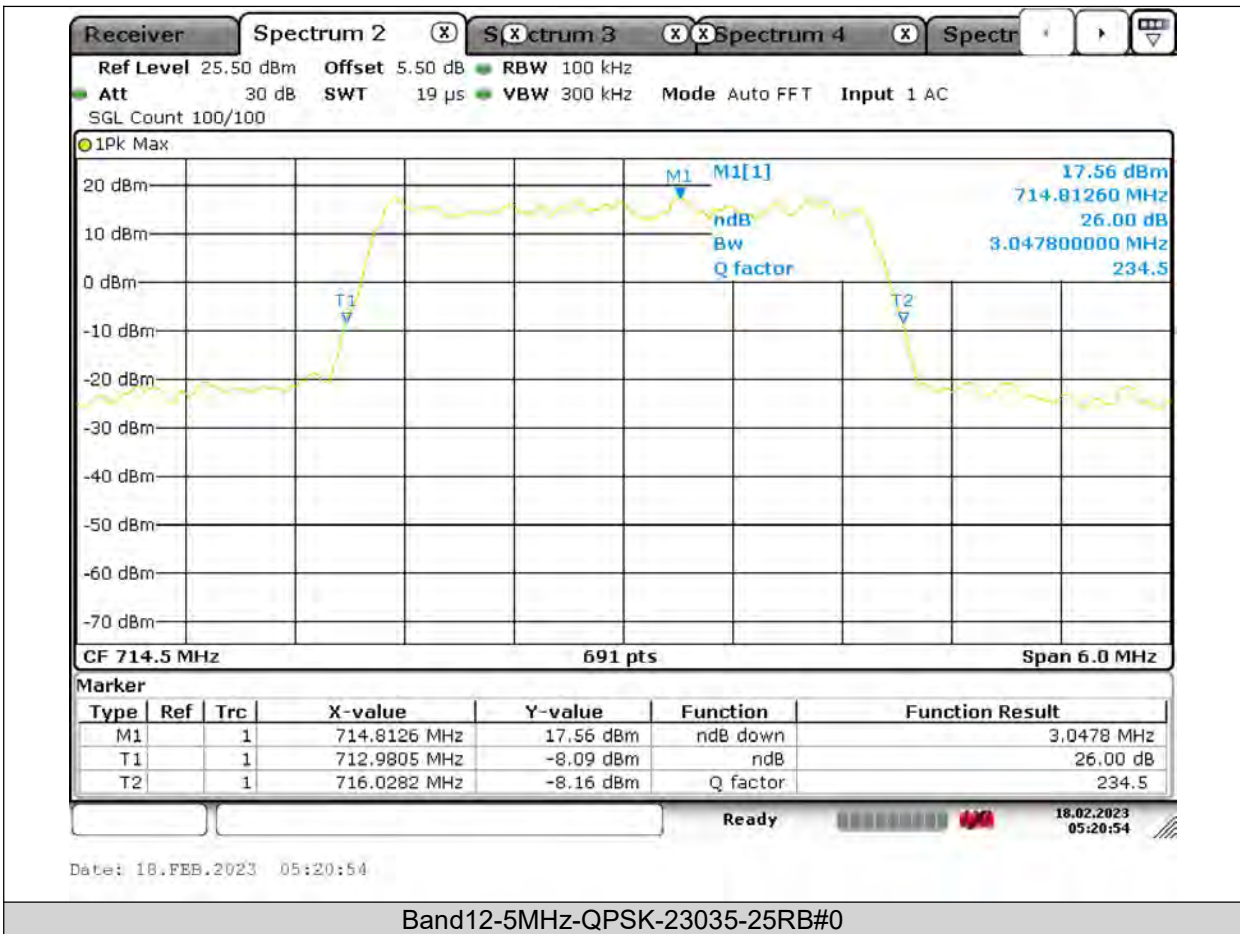
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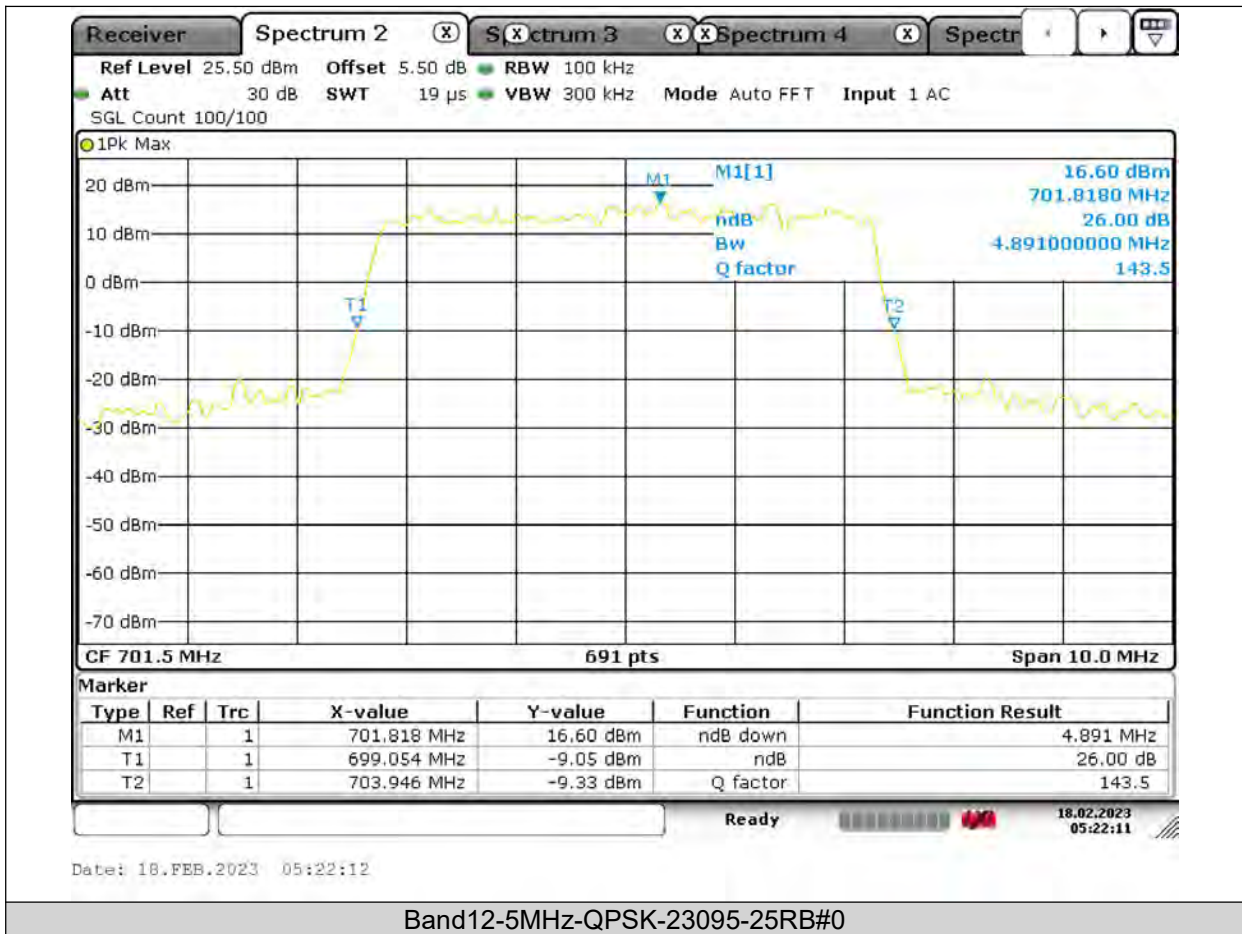
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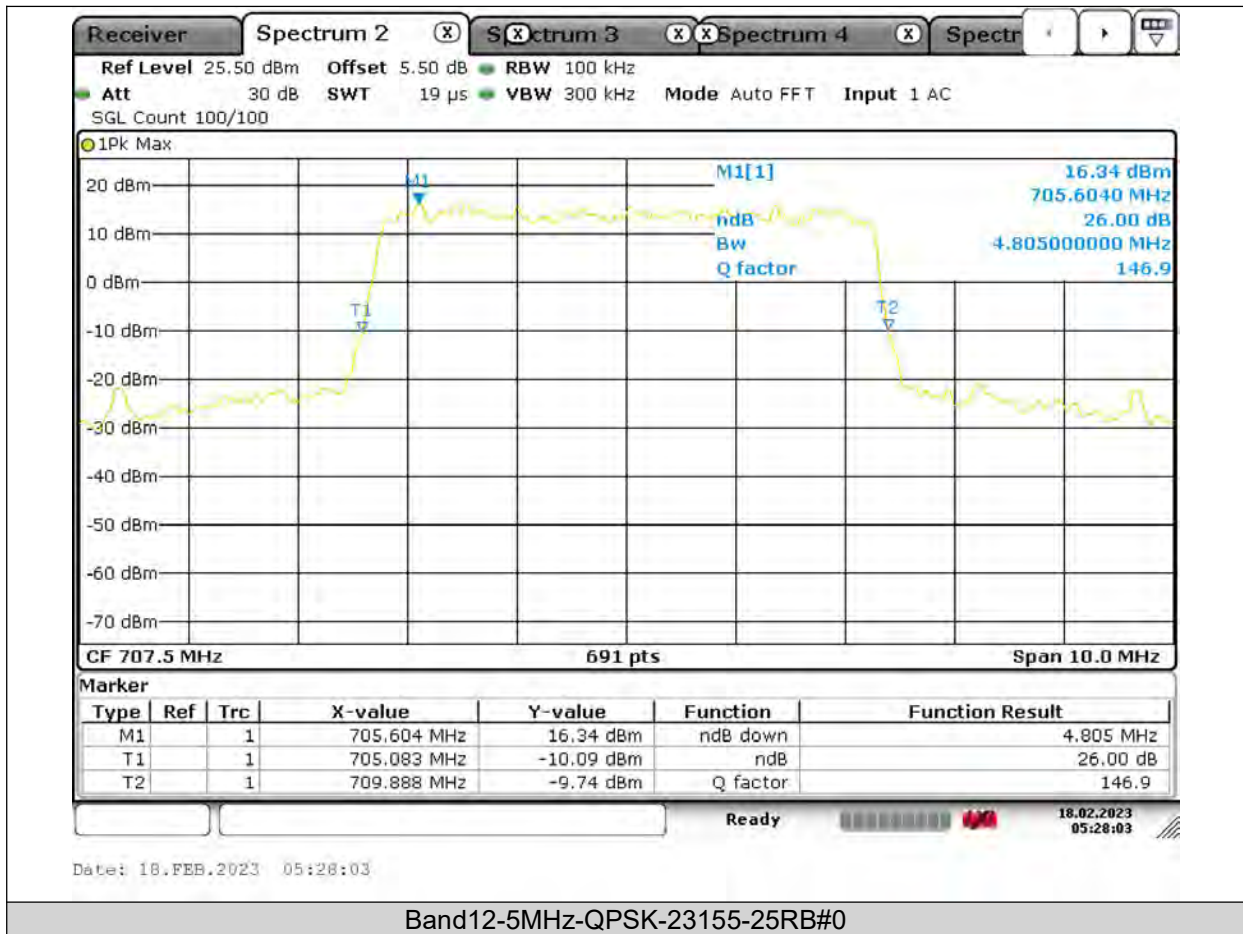
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BUREAU VERITAS

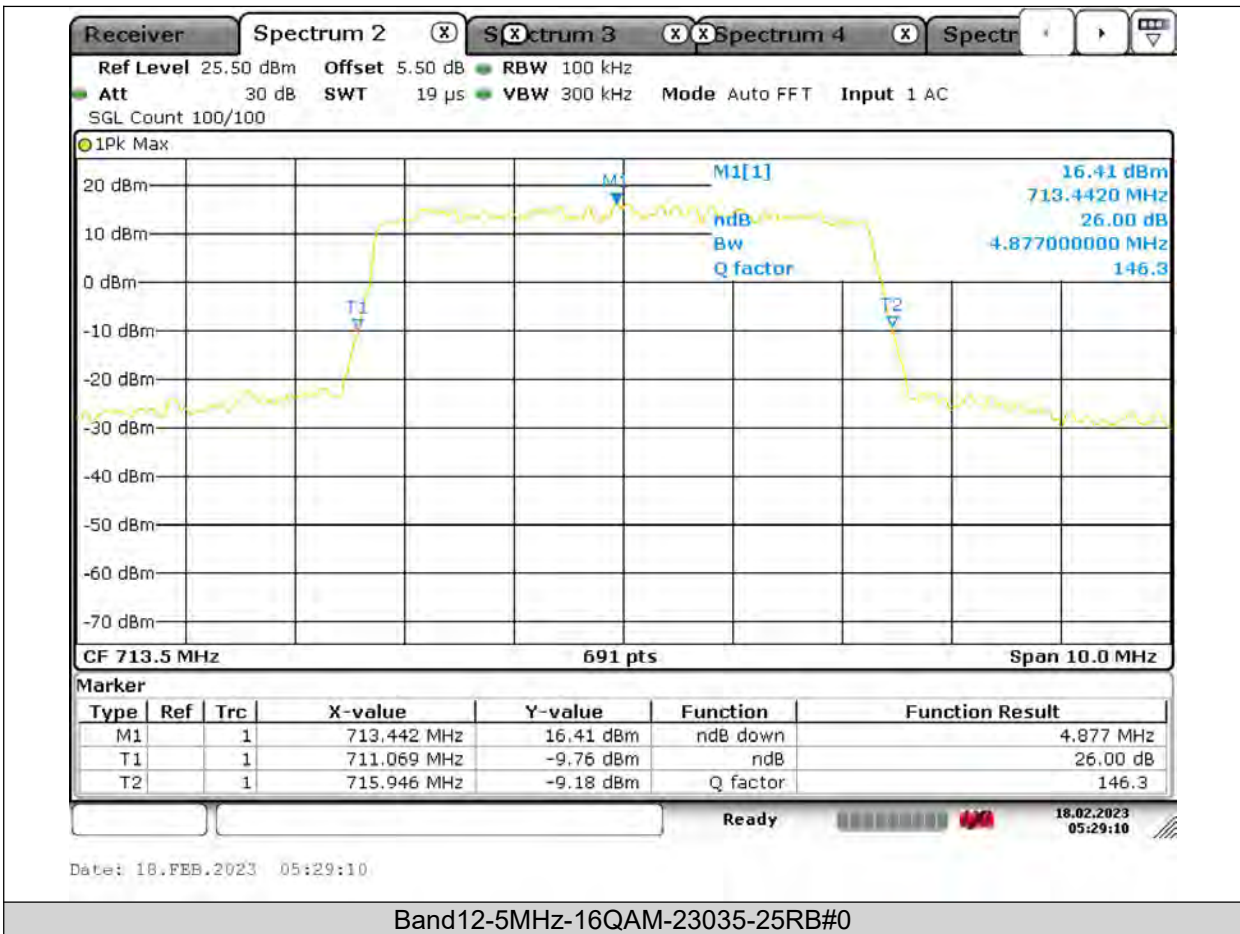
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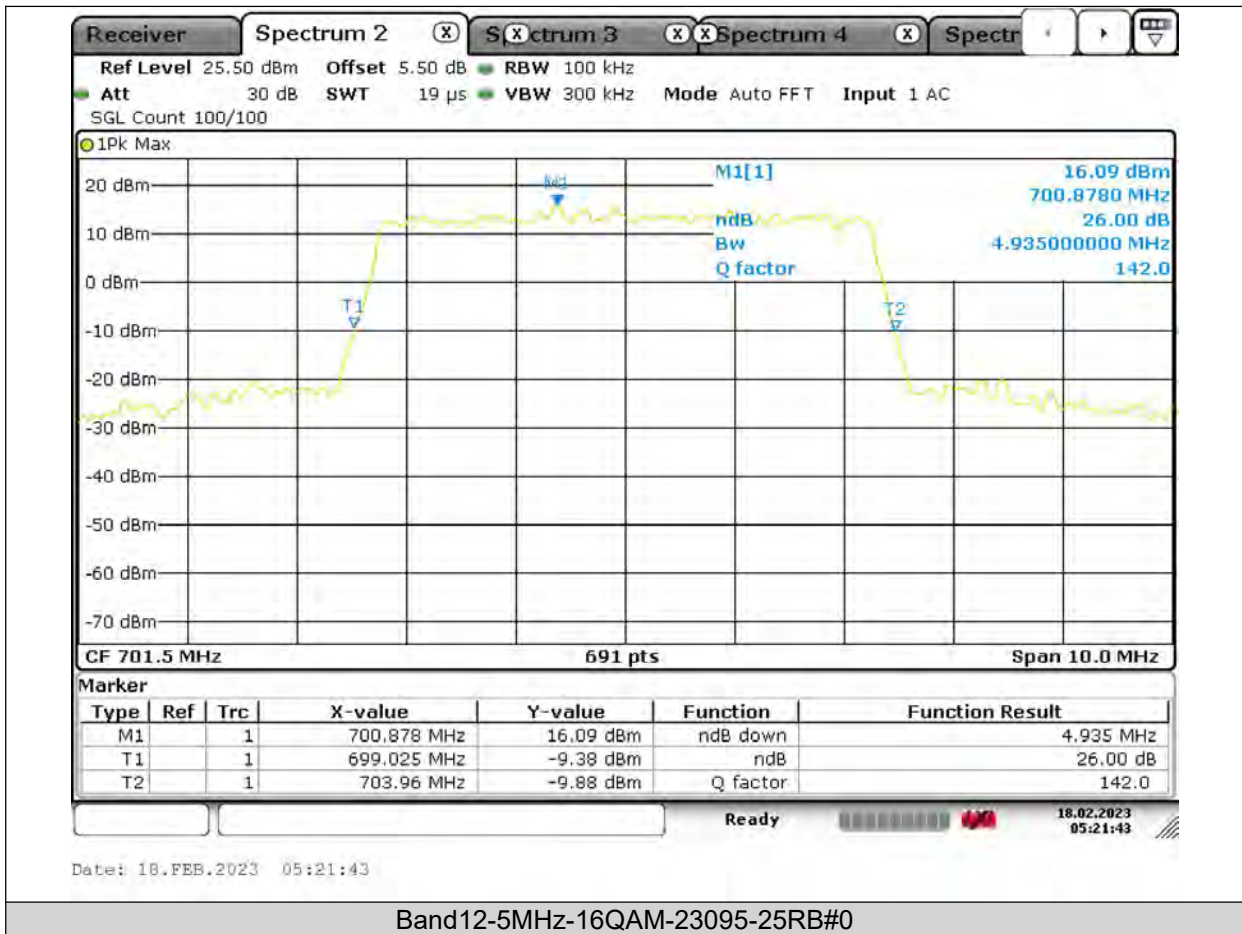
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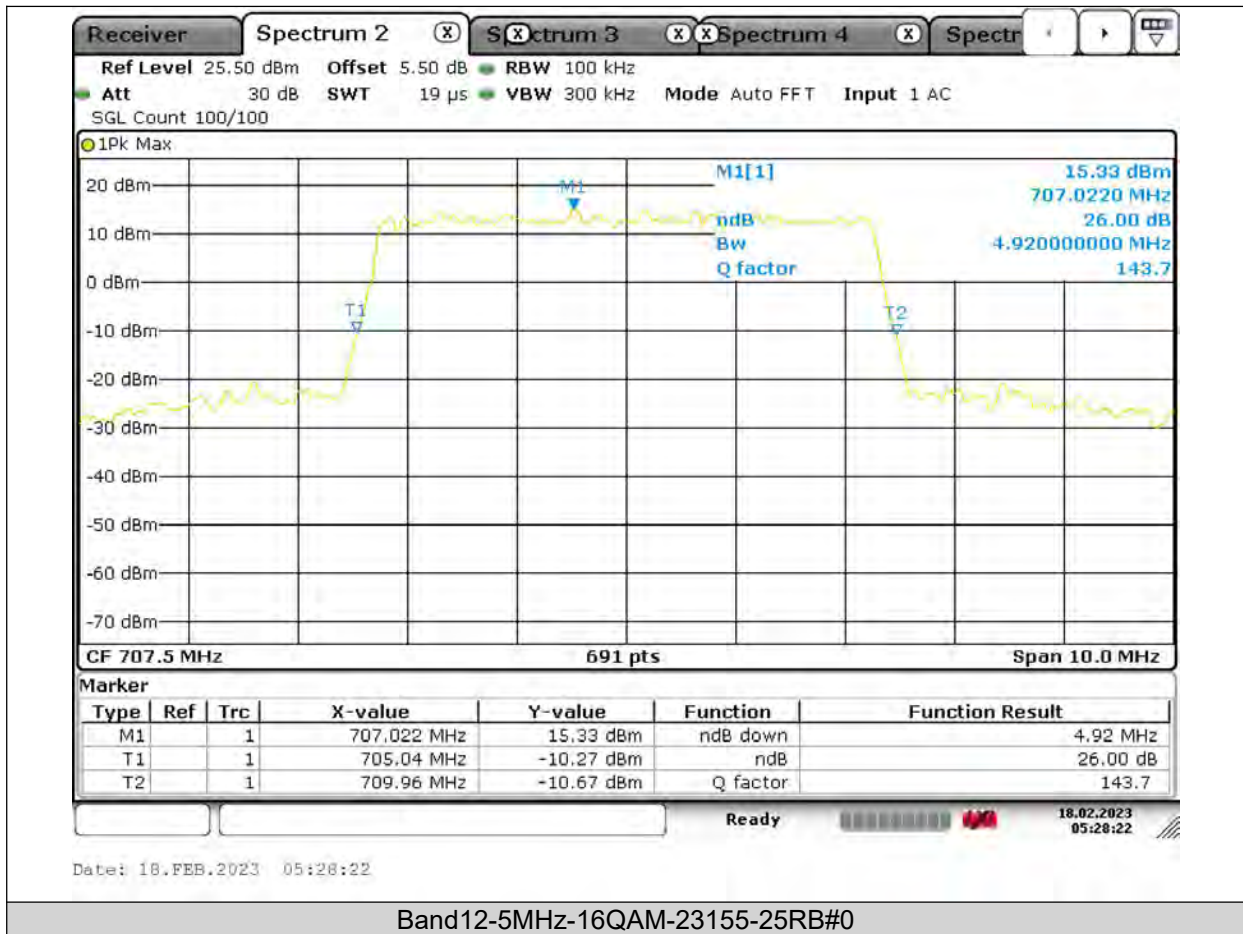
Test Report No.: W7L-P23010016RF03





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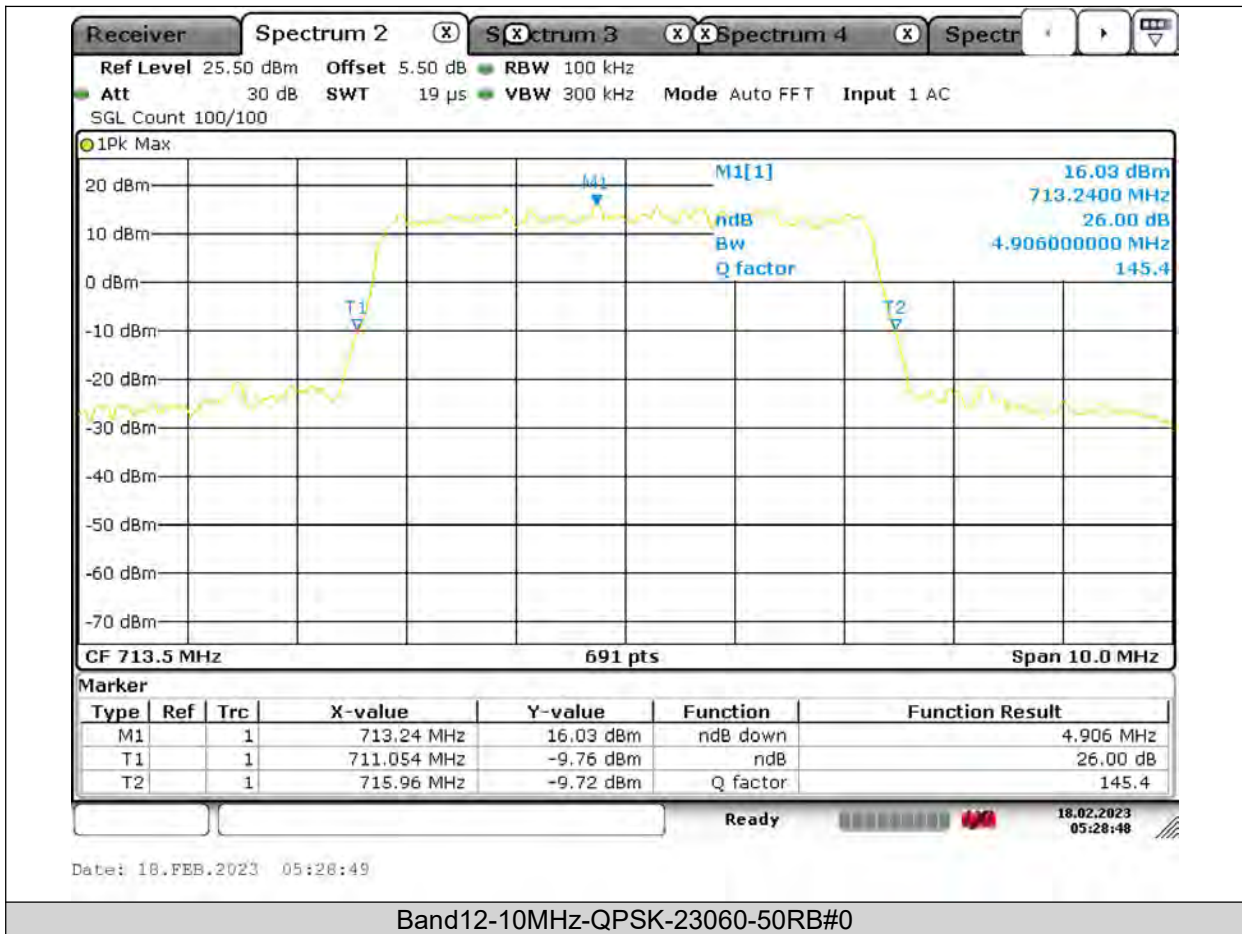
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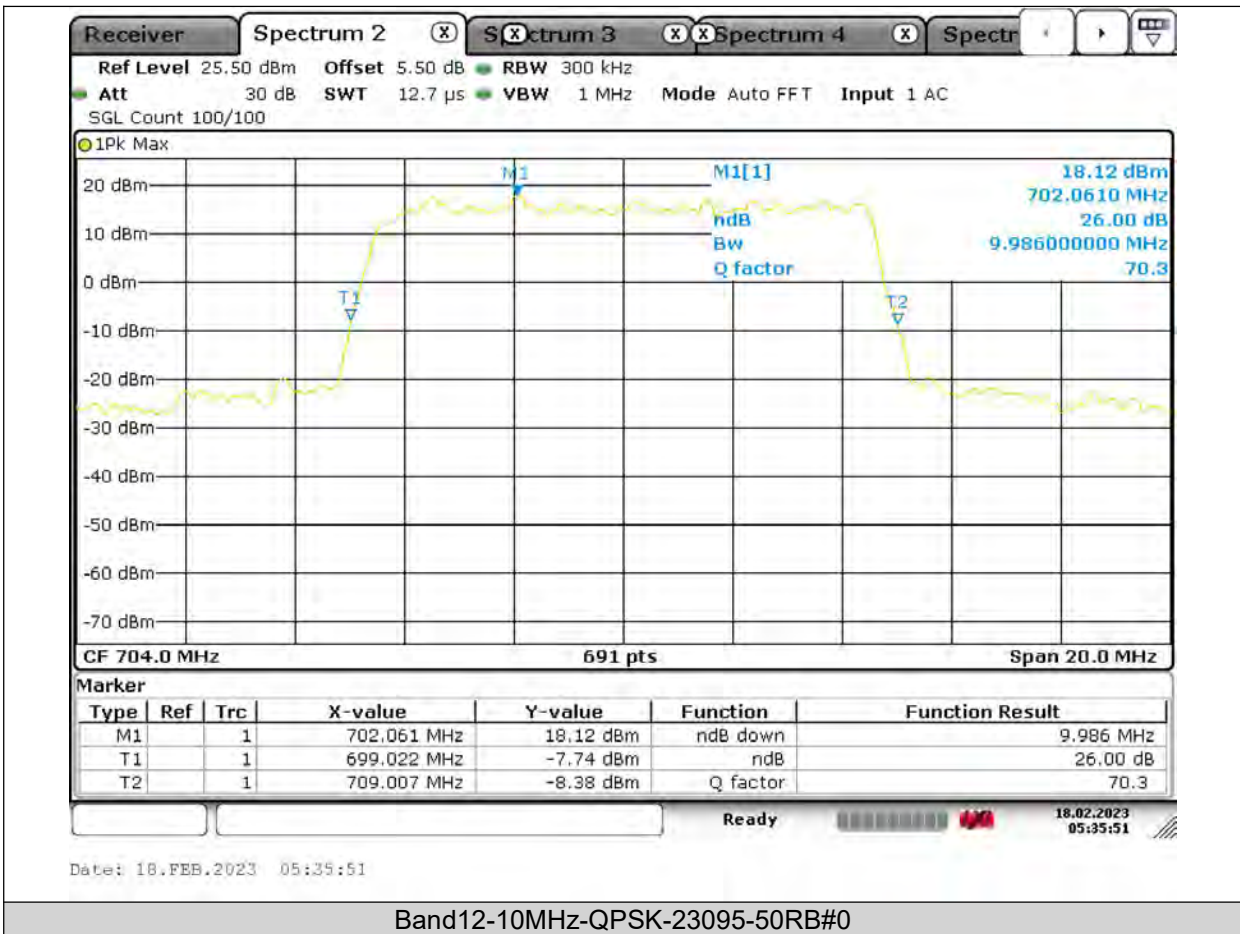
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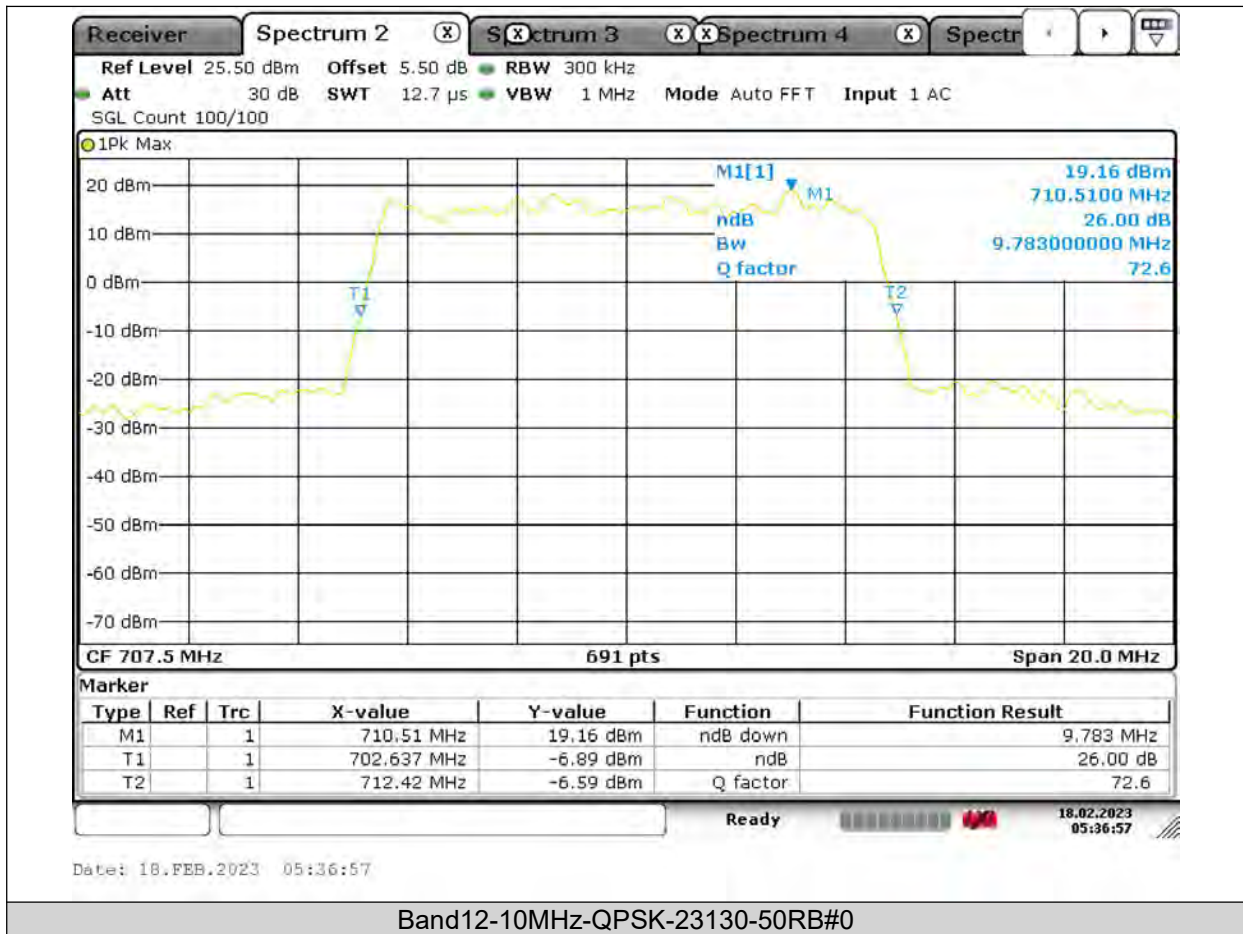
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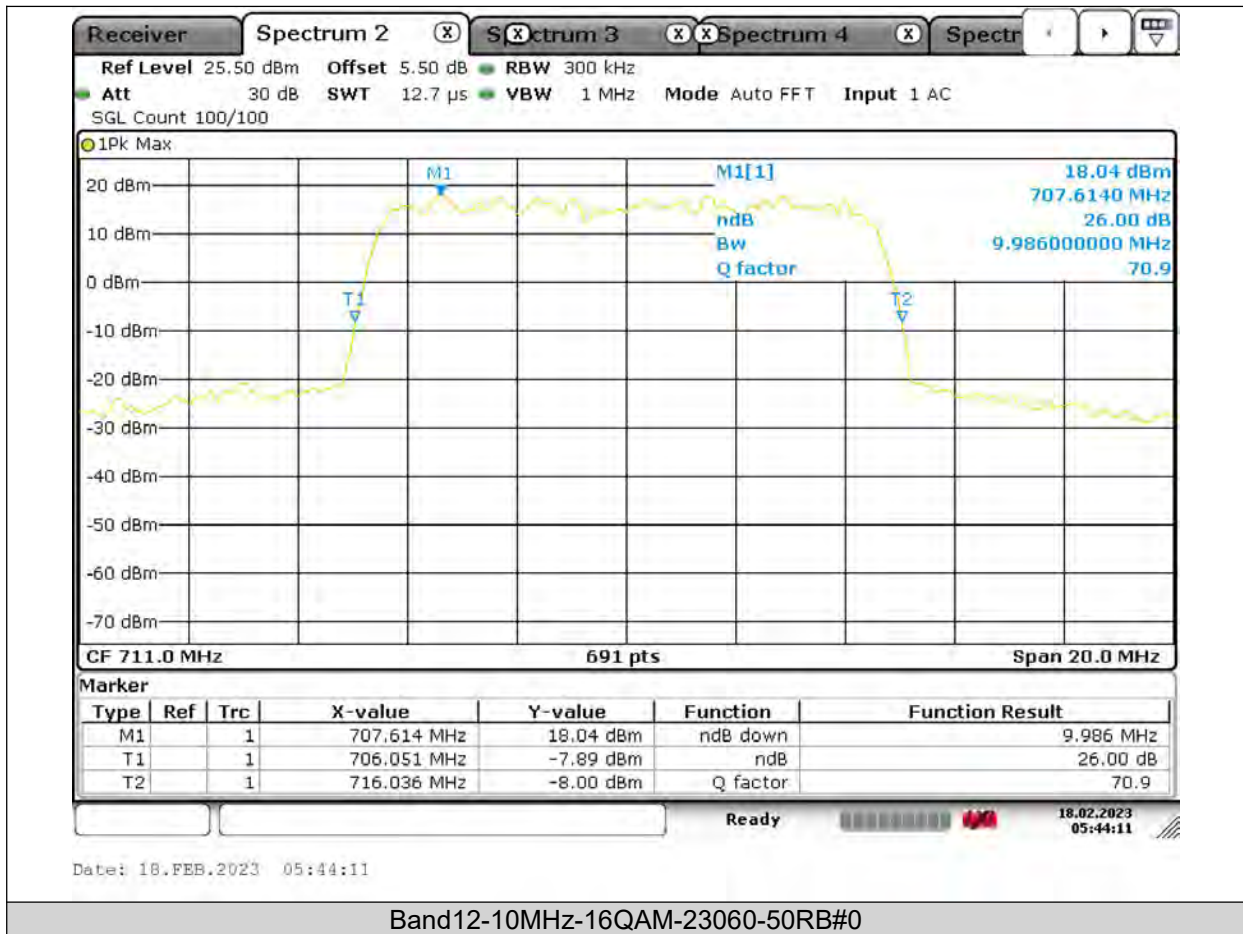
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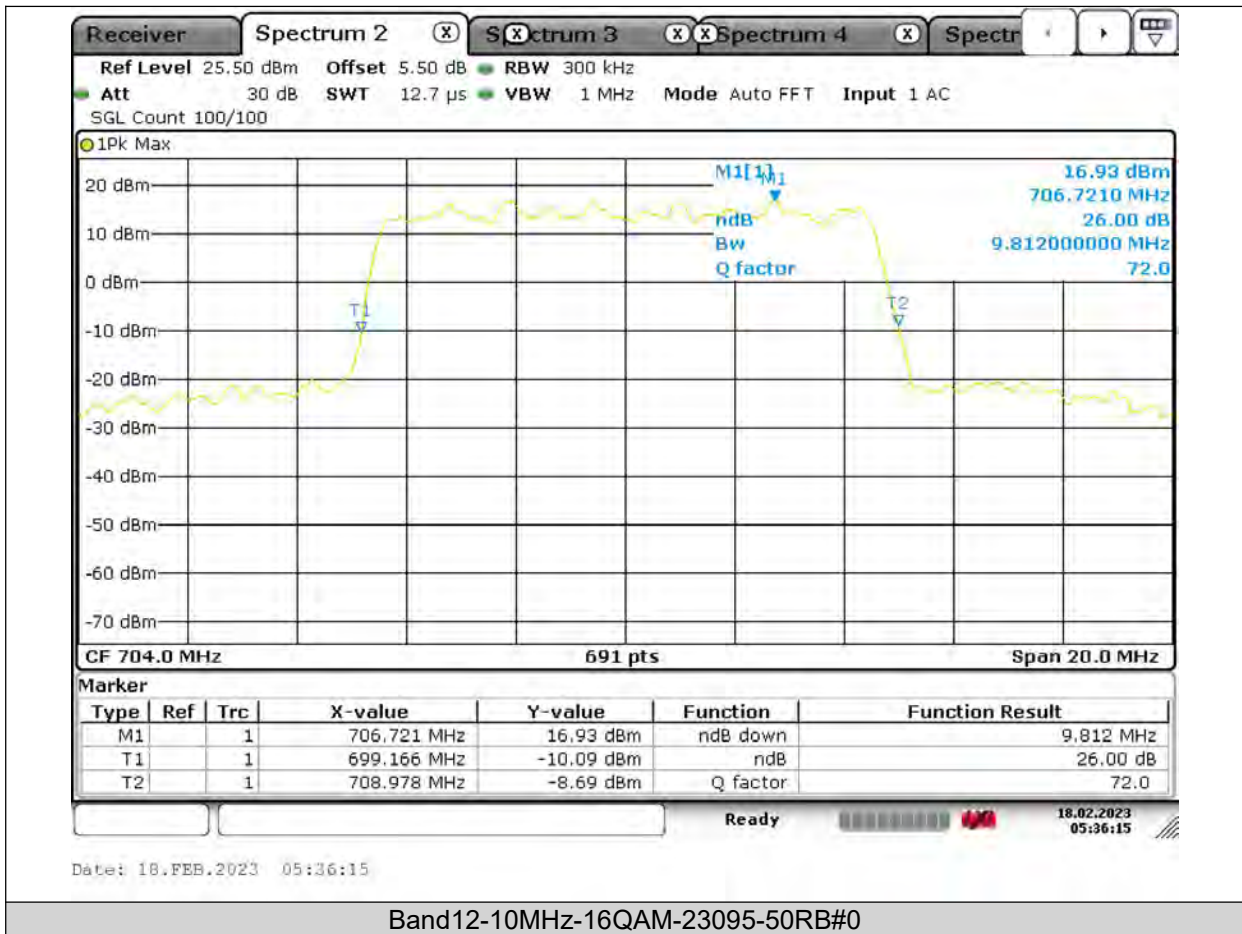
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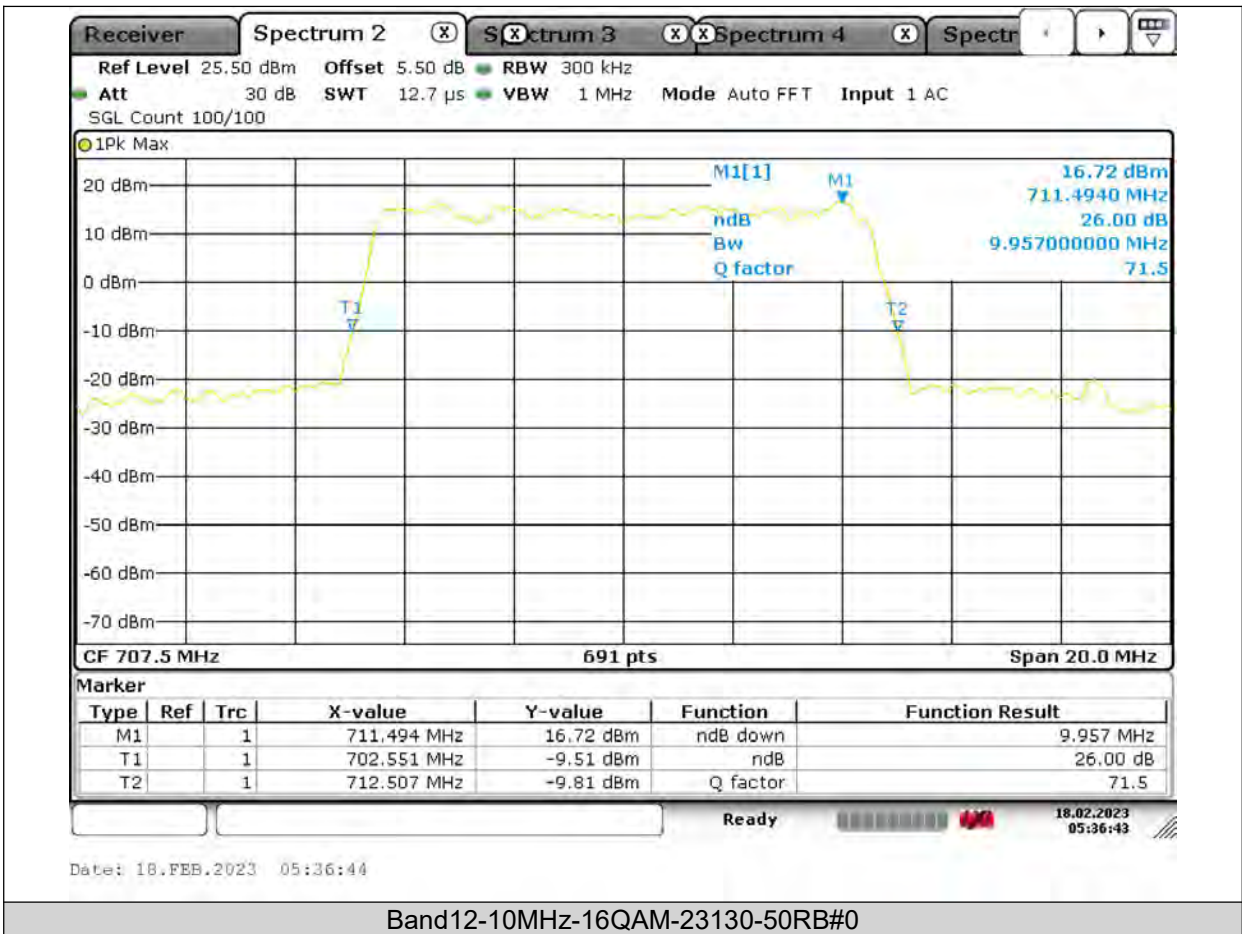
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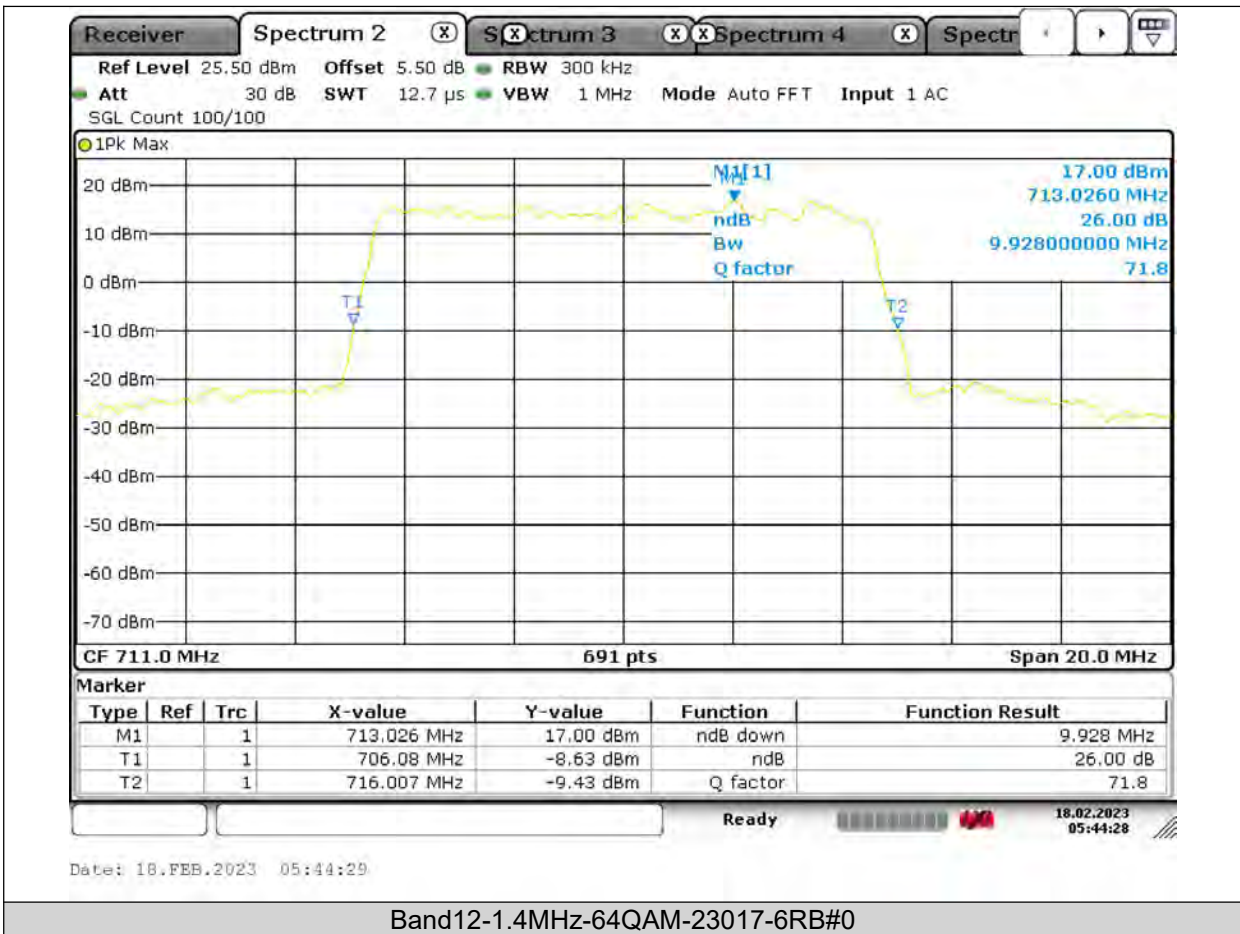
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BUREAU
VERITAS

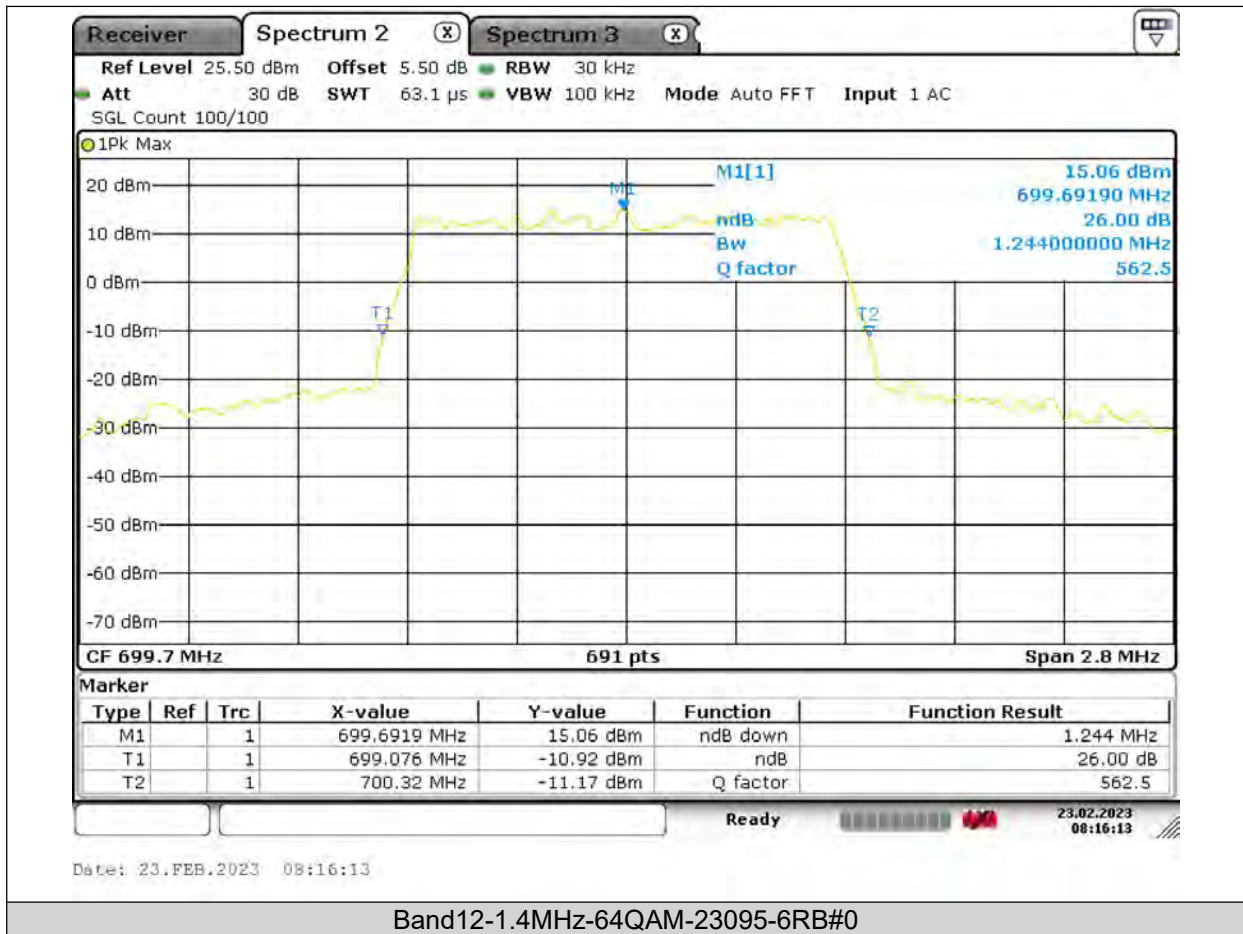
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

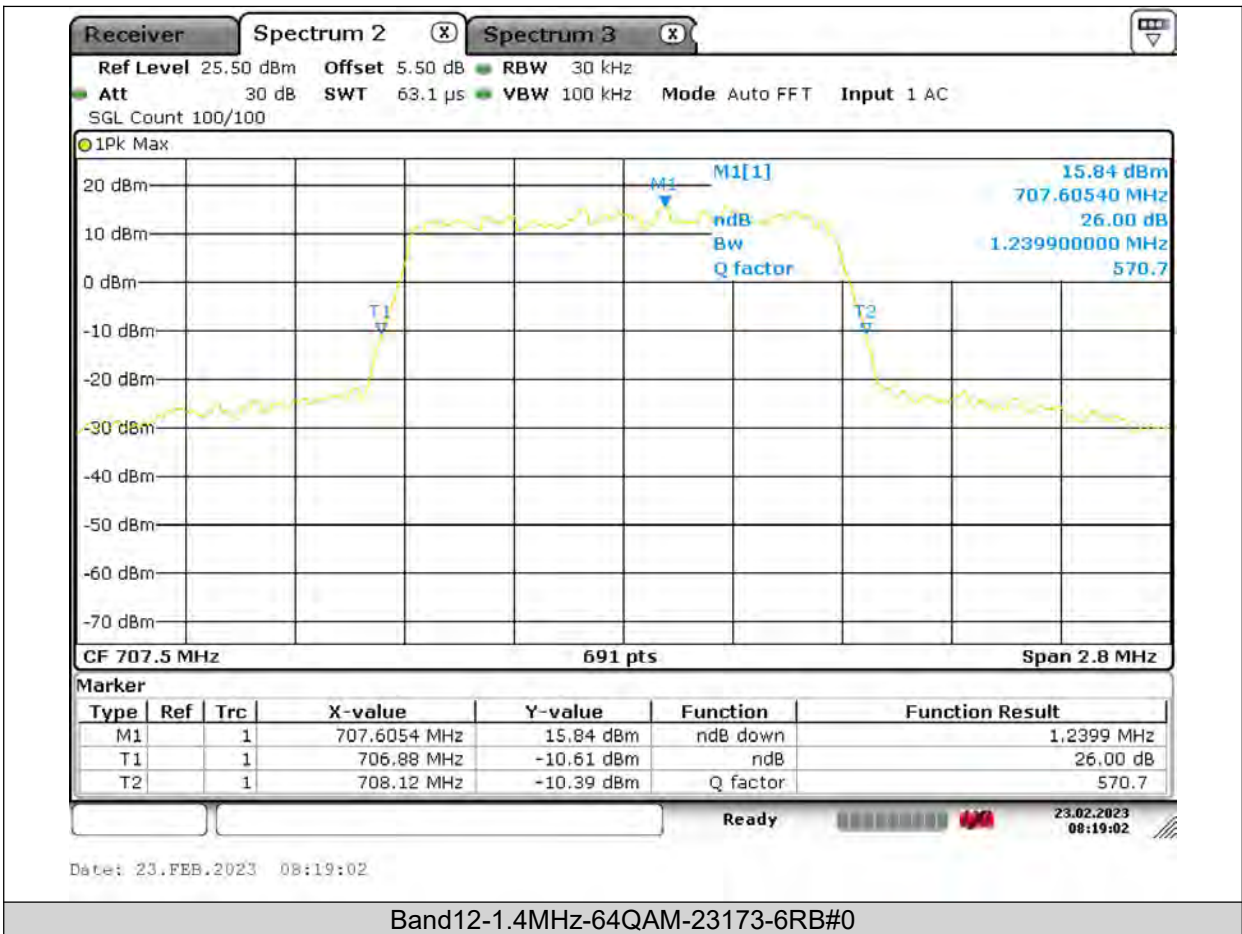
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

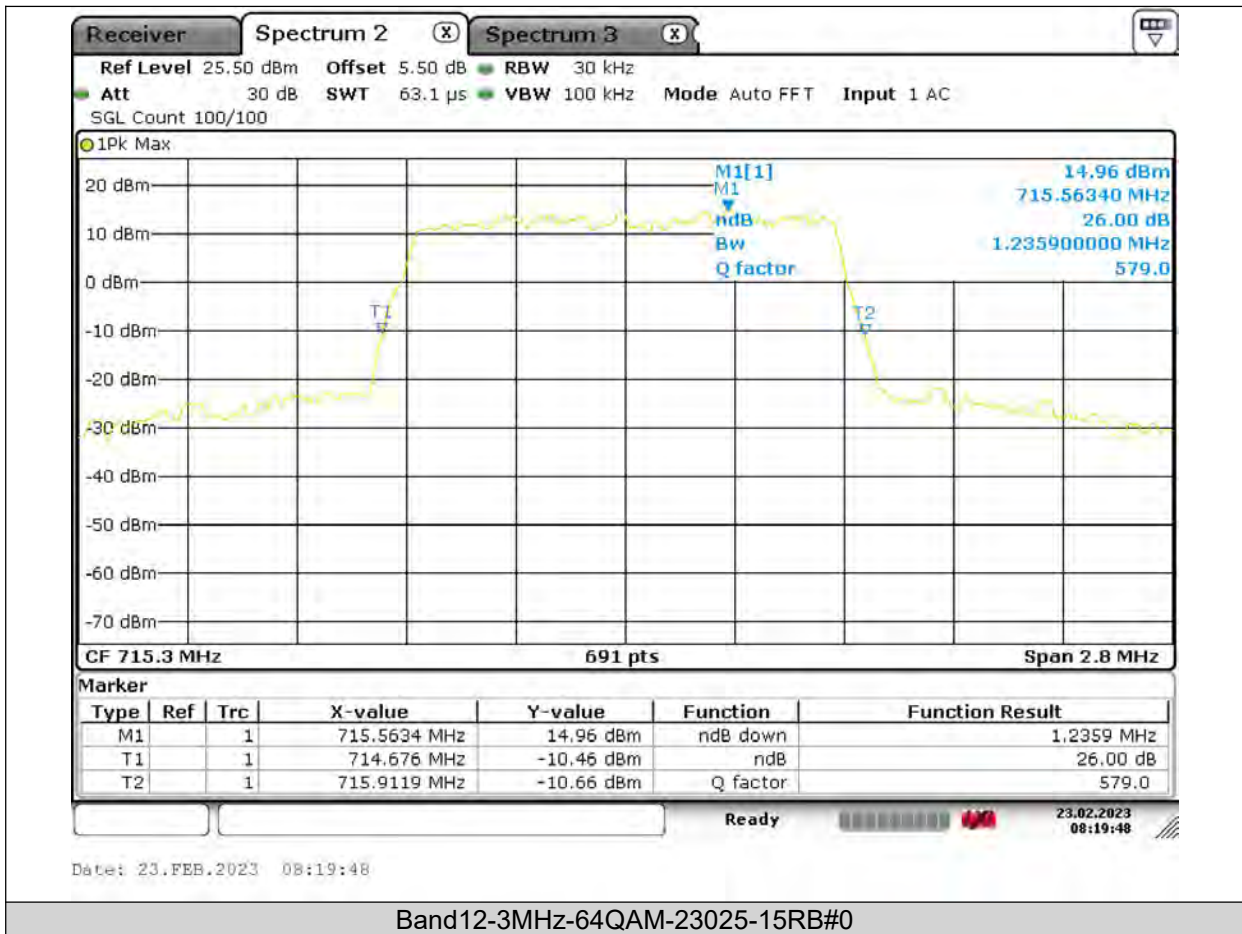
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BUREAU
VERITAS

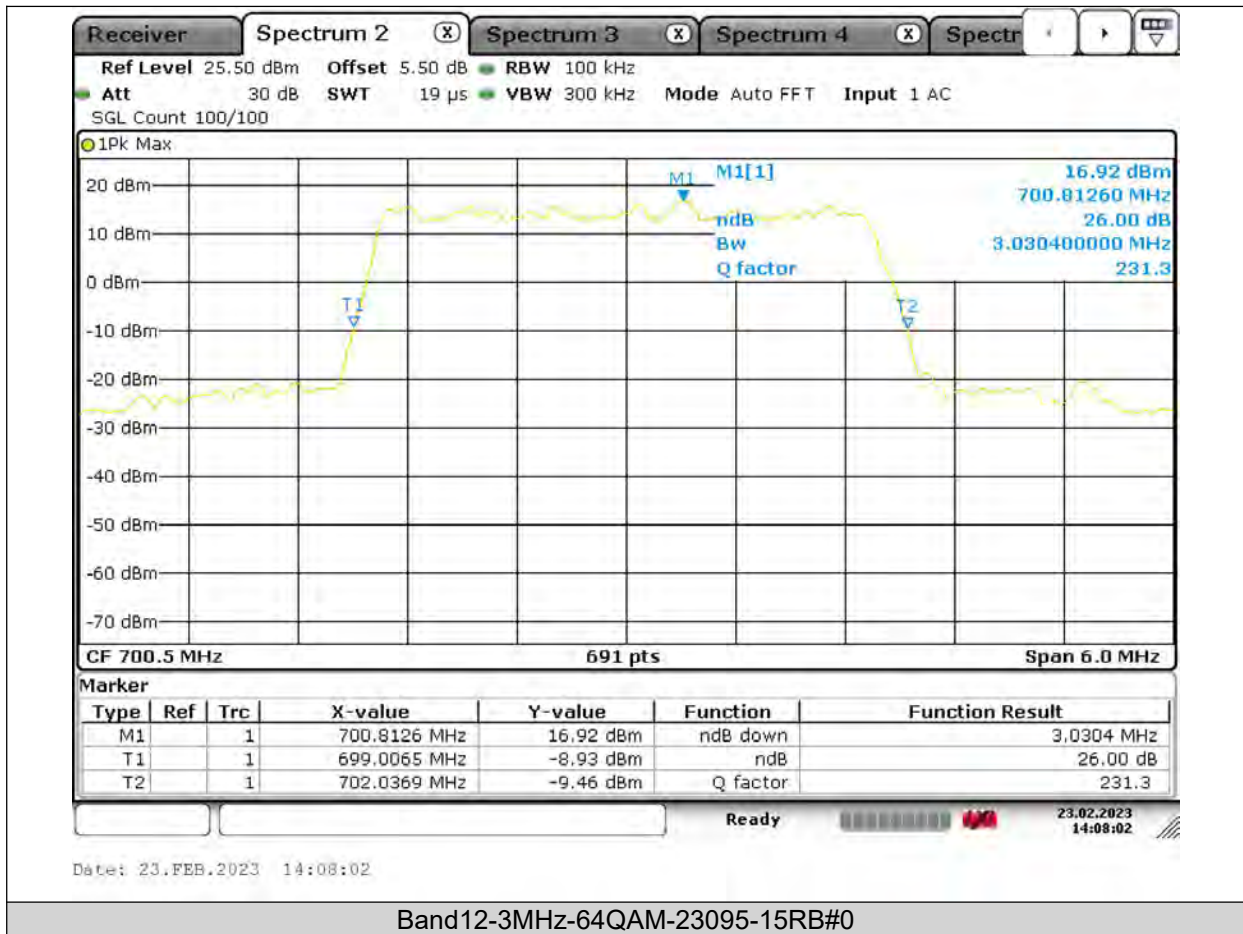
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BUREAU VERITAS

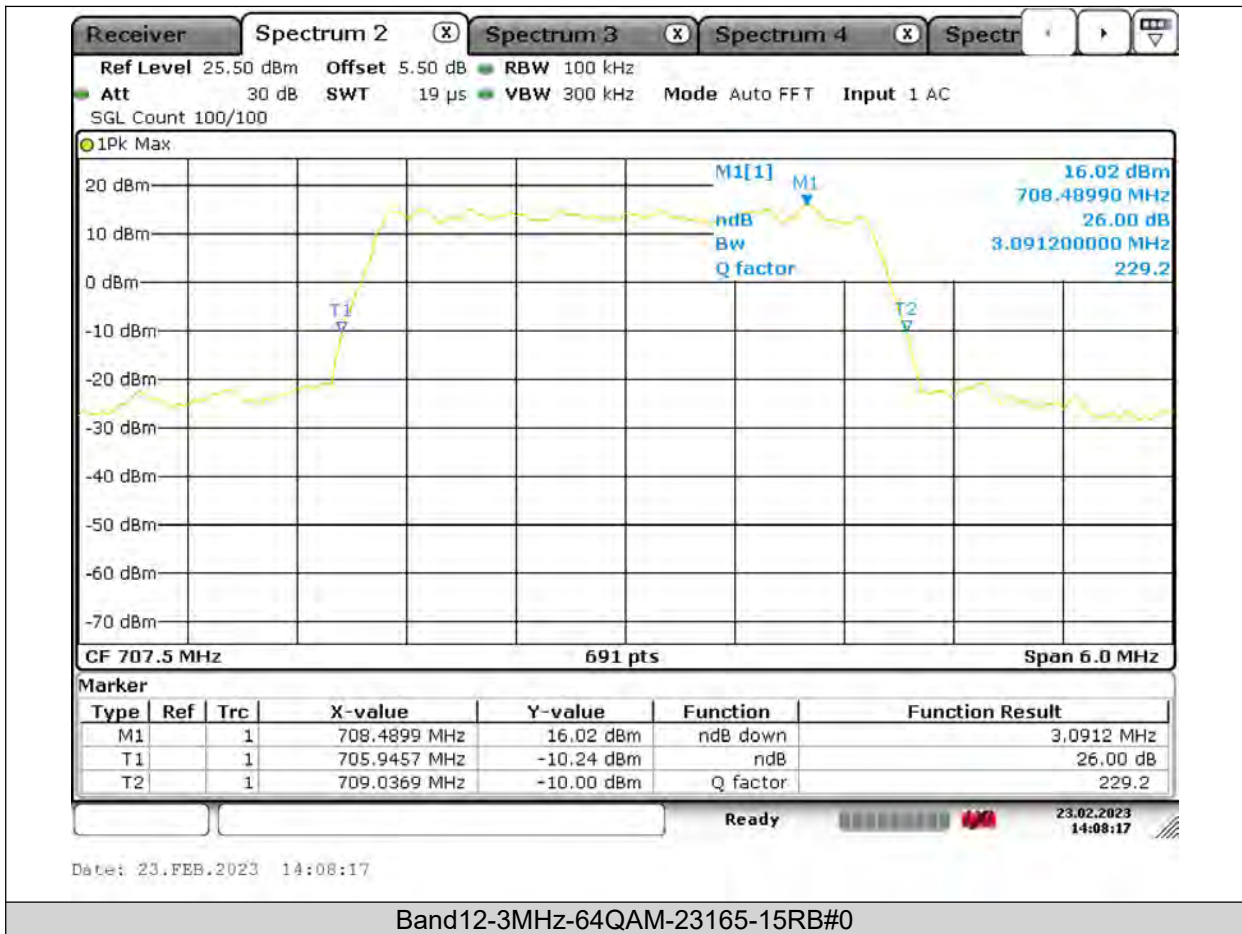
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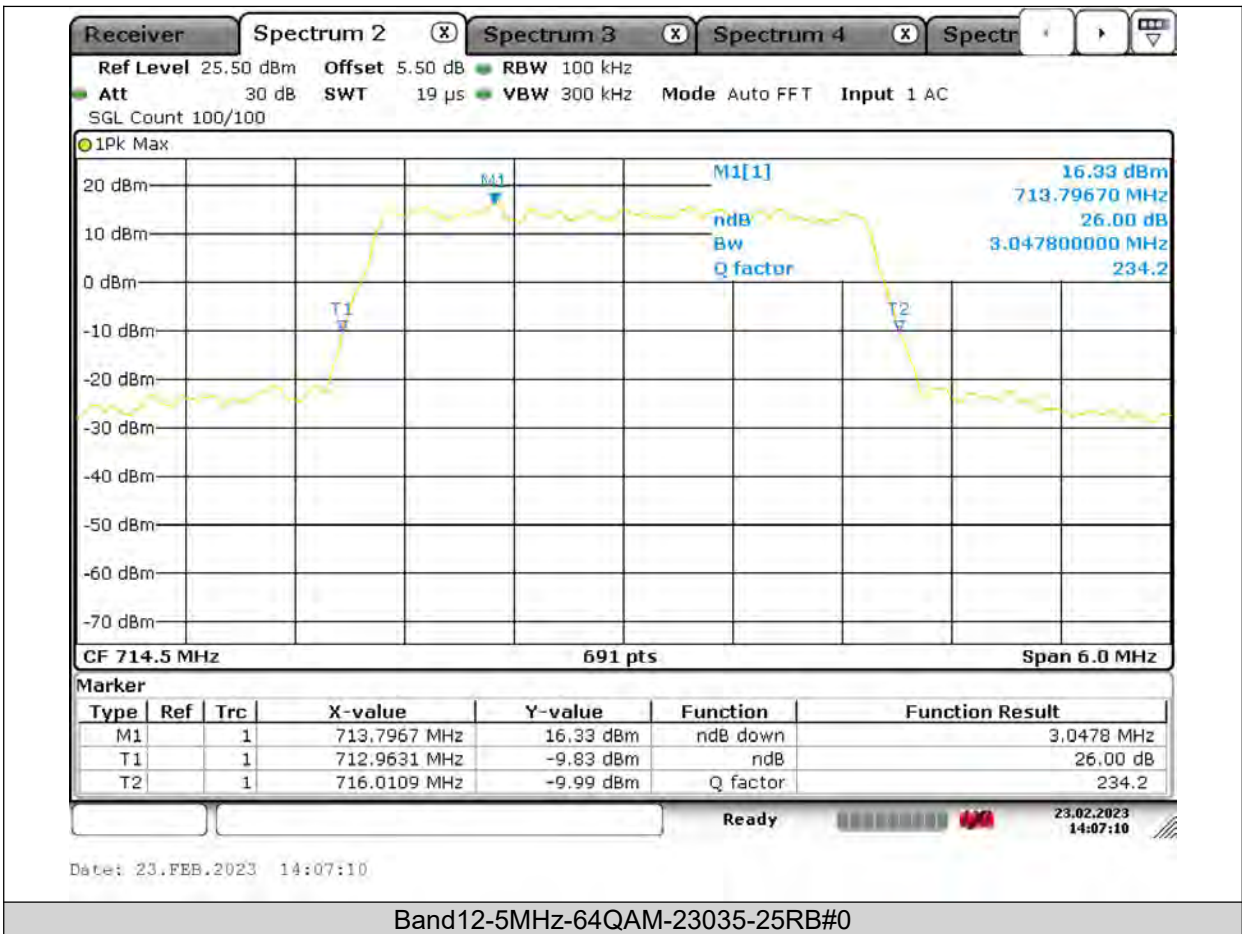
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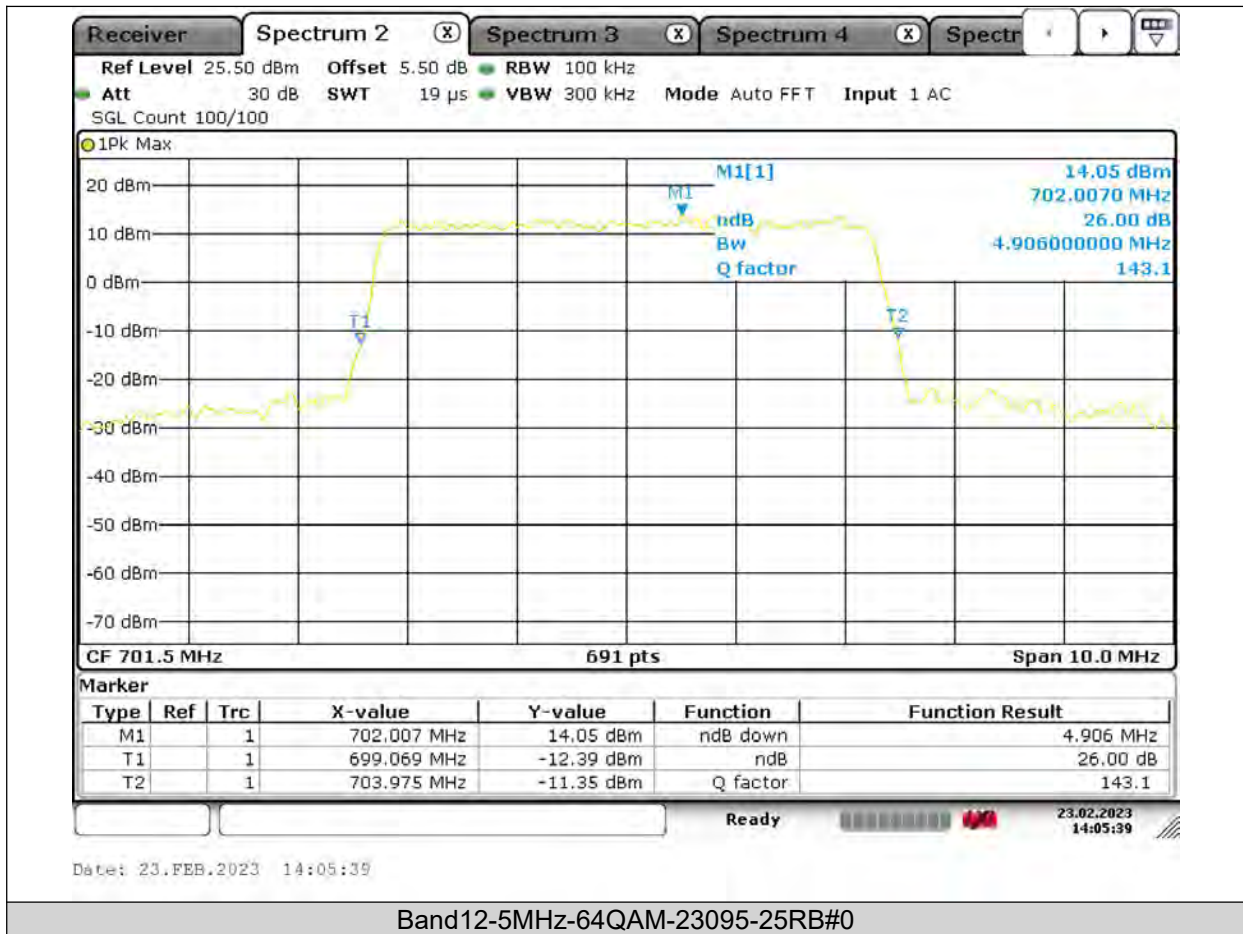
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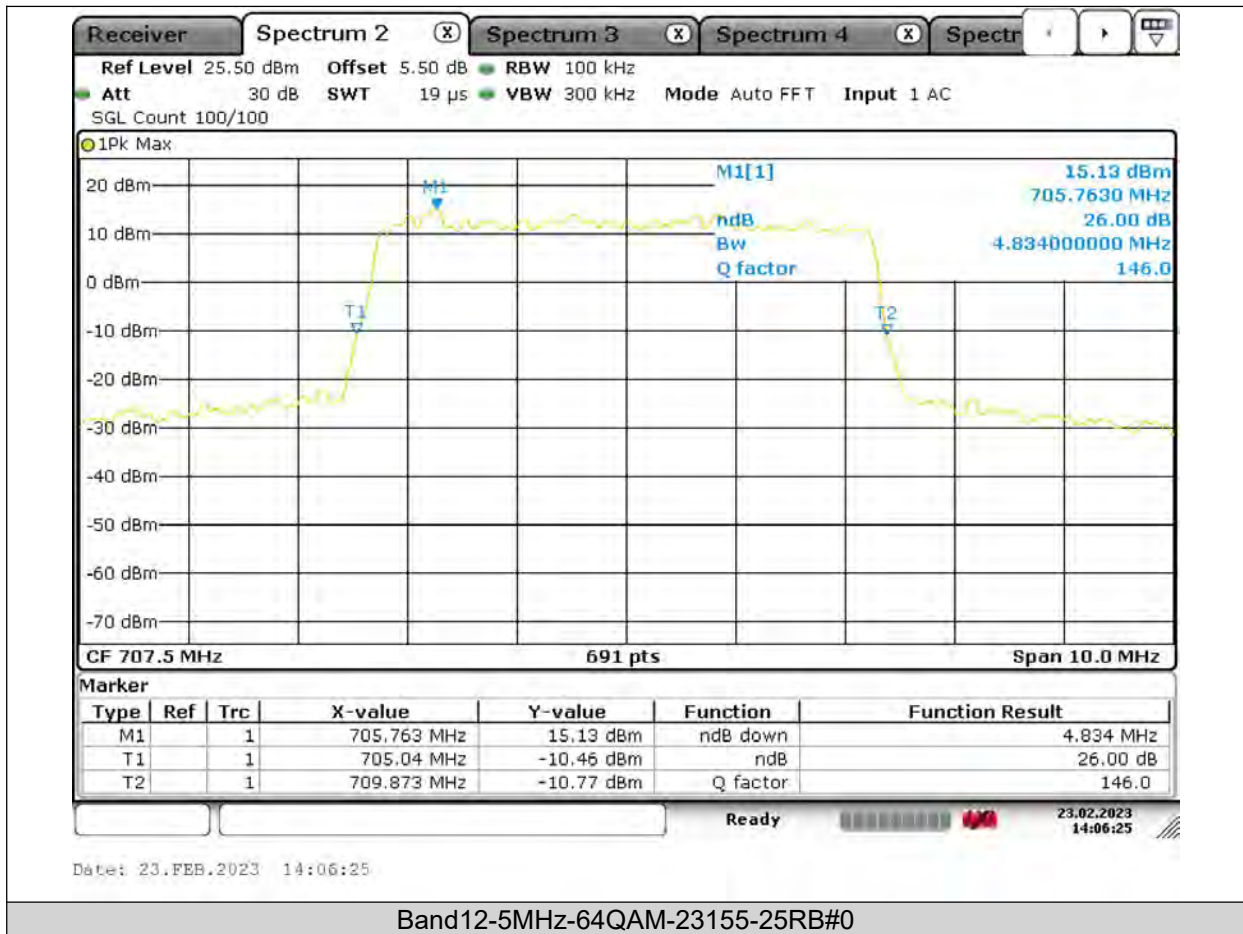
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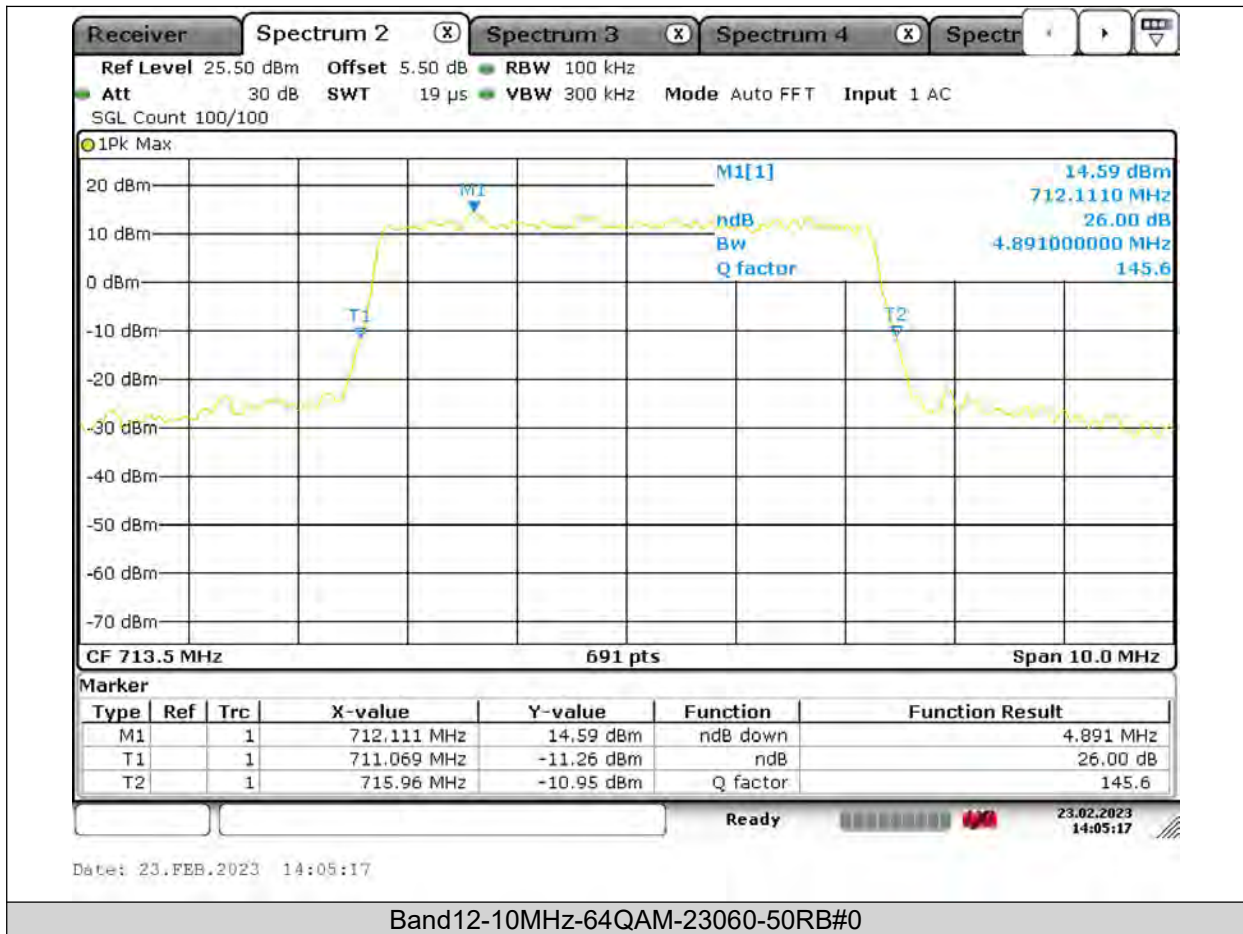
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BUREAU
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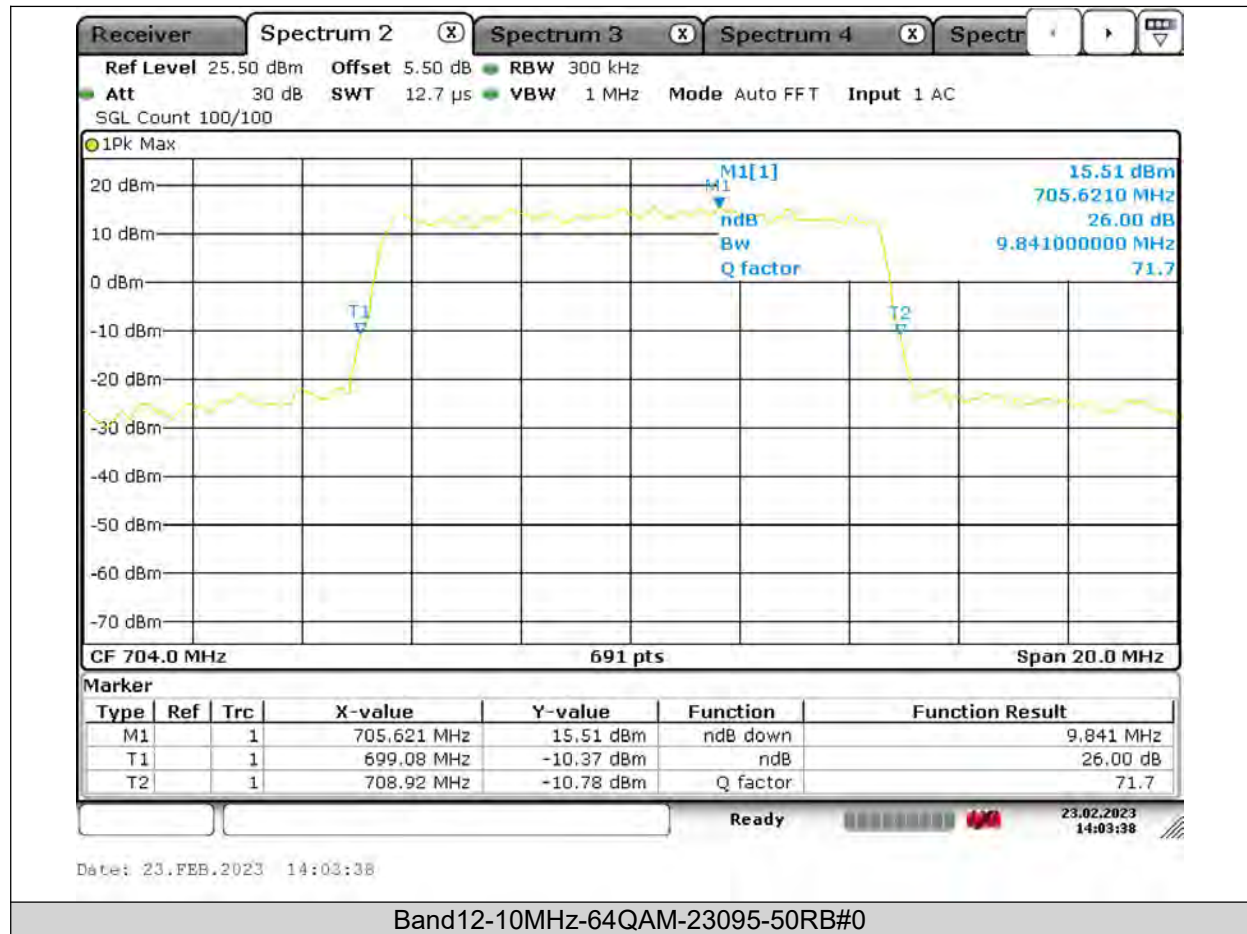
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BUREAU
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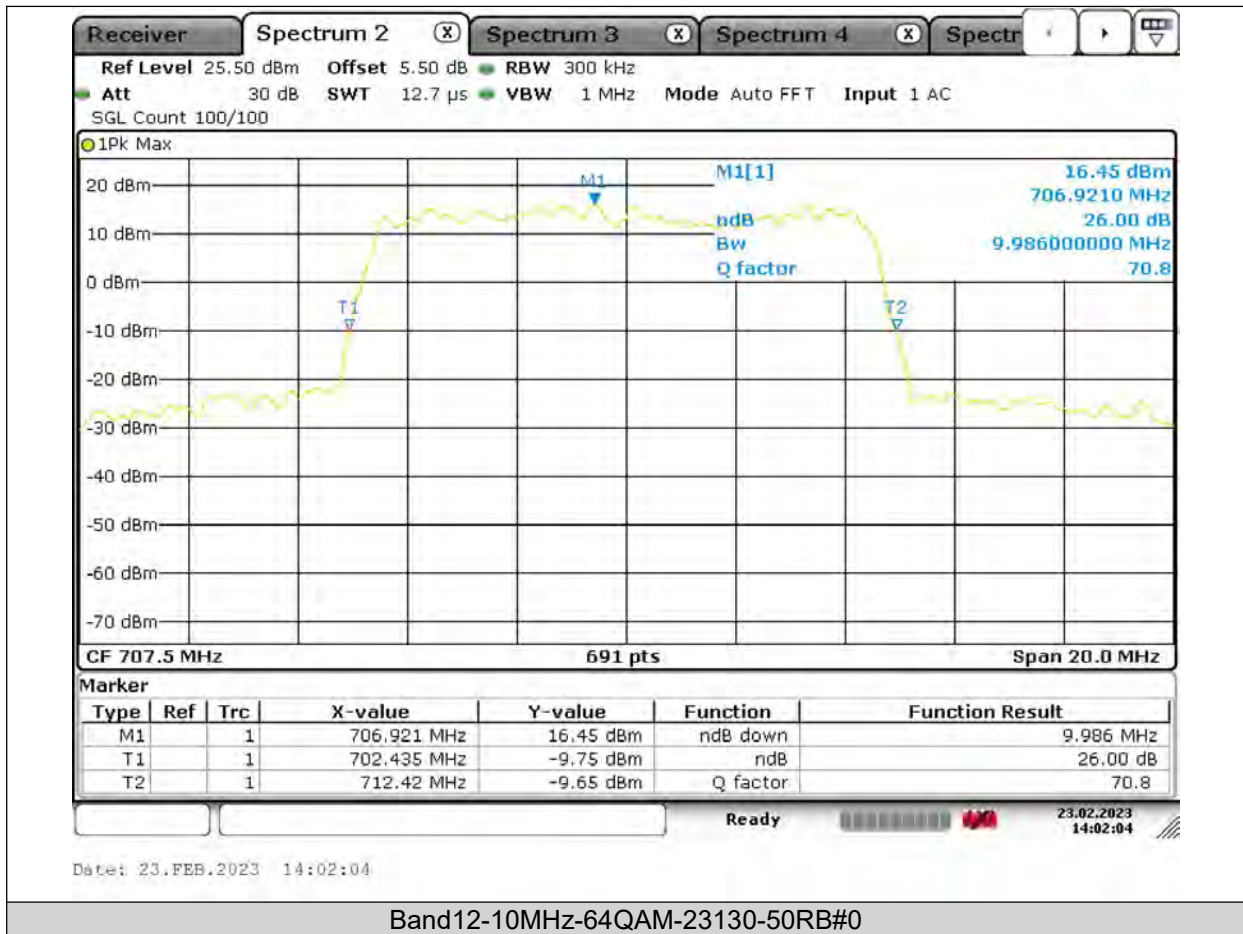
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BUREAU
VERITAS

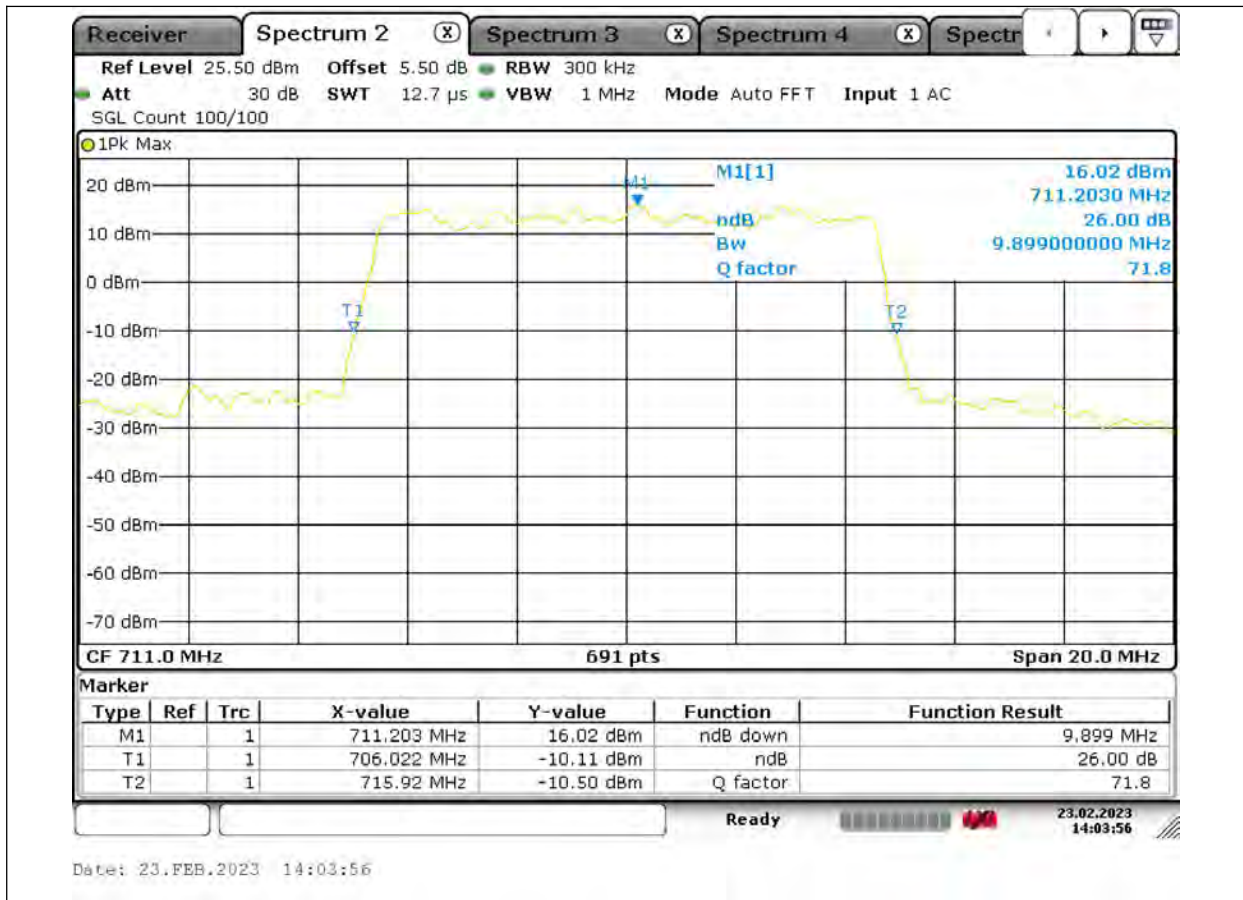
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

Test Report No.: W7L-P23010016RF03





Test Report No.: W7L-P23010016RF03

BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-31.03	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-31.73	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-30.9	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-27.94	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-32.33	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.93	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-31.66	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-27.53	PASS
Band12	3MHz	QPSK	23025	1RB#0	-22.37	PASS
Band12	3MHz	QPSK	23025	15RB#0	-30.1	PASS
Band12	3MHz	QPSK	23165	1RB#14	-21.8	PASS
Band12	3MHz	QPSK	23165	15RB#0	-29.03	PASS
Band12	3MHz	16QAM	23025	1RB#0	-23.13	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.09	PASS
Band12	3MHz	16QAM	23165	1RB#14	-21.87	PASS
Band12	3MHz	16QAM	23165	15RB#0	-29.29	PASS
Band12	5MHz	QPSK	23035	1RB#0	-31.64	PASS
Band12	5MHz	QPSK	23035	25RB#0	-34.2	PASS
Band12	5MHz	QPSK	23155	1RB#24	-29.57	PASS
Band12	5MHz	QPSK	23155	25RB#0	-31.58	PASS
Band12	5MHz	16QAM	23035	1RB#0	-31.67	PASS
Band12	5MHz	16QAM	23035	25RB#0	-33.61	PASS
Band12	5MHz	16QAM	23155	1RB#24	-30.75	PASS
Band12	5MHz	16QAM	23155	25RB#0	-31.64	PASS
Band12	10MHz	QPSK	23060	1RB#0	-37.96	PASS
Band12	10MHz	QPSK	23060	50RB#0	-36.3	PASS
Band12	10MHz	QPSK	23130	1RB#49	-37.08	PASS
Band12	10MHz	QPSK	23130	50RB#0	-34.62	PASS
Band12	10MHz	16QAM	23060	1RB#0	-38.12	PASS
Band12	10MHz	16QAM	23060	50RB#0	-35.68	PASS
Band12	10MHz	16QAM	23130	1RB#49	-36.82	PASS
Band12	10MHz	16QAM	23130	50RB#0	-34.47	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	-33.06	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	-30.87	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	-34.83	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	-27.14	PASS
Band12	3MHz	64QAM	23025	1RB#0	-25.03	PASS
Band12	3MHz	64QAM	23025	15RB#0	-31.74	PASS
Band12	3MHz	64QAM	23165	1RB#14	-24.96	PASS
Band12	3MHz	64QAM	23165	15RB#0	-29.04	PASS
Band12	5MHz	64QAM	23035	1RB#0	-33.98	PASS
Band12	5MHz	64QAM	23035	25RB#0	-33.32	PASS
Band12	5MHz	64QAM	23155	1RB#24	-32.01	PASS
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Band12	10MHz	64QAM	23060	1RB#0	-40.21	PASS

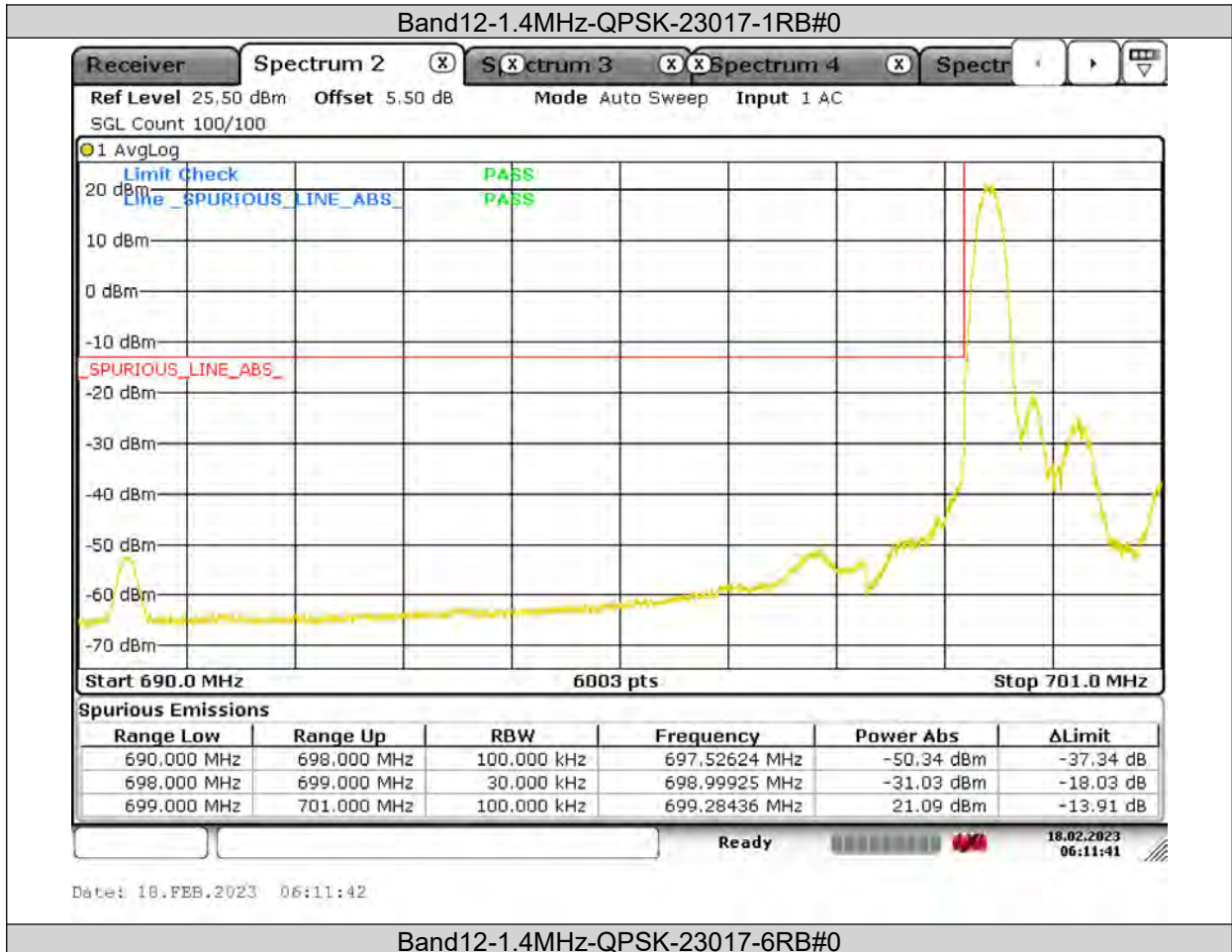


BUREAU
VERITAS

Test Report No.: W7L-P23010016RF03

Band12	10MHz	64QAM	23060	50RB#0	-36.24	PASS
Band12	10MHz	64QAM	23130	1RB#49	-33.25	PASS
Band12	10MHz	64QAM	23130	50RB#0	-35.28	PASS

Test Graphs





BUREAU VERITAS

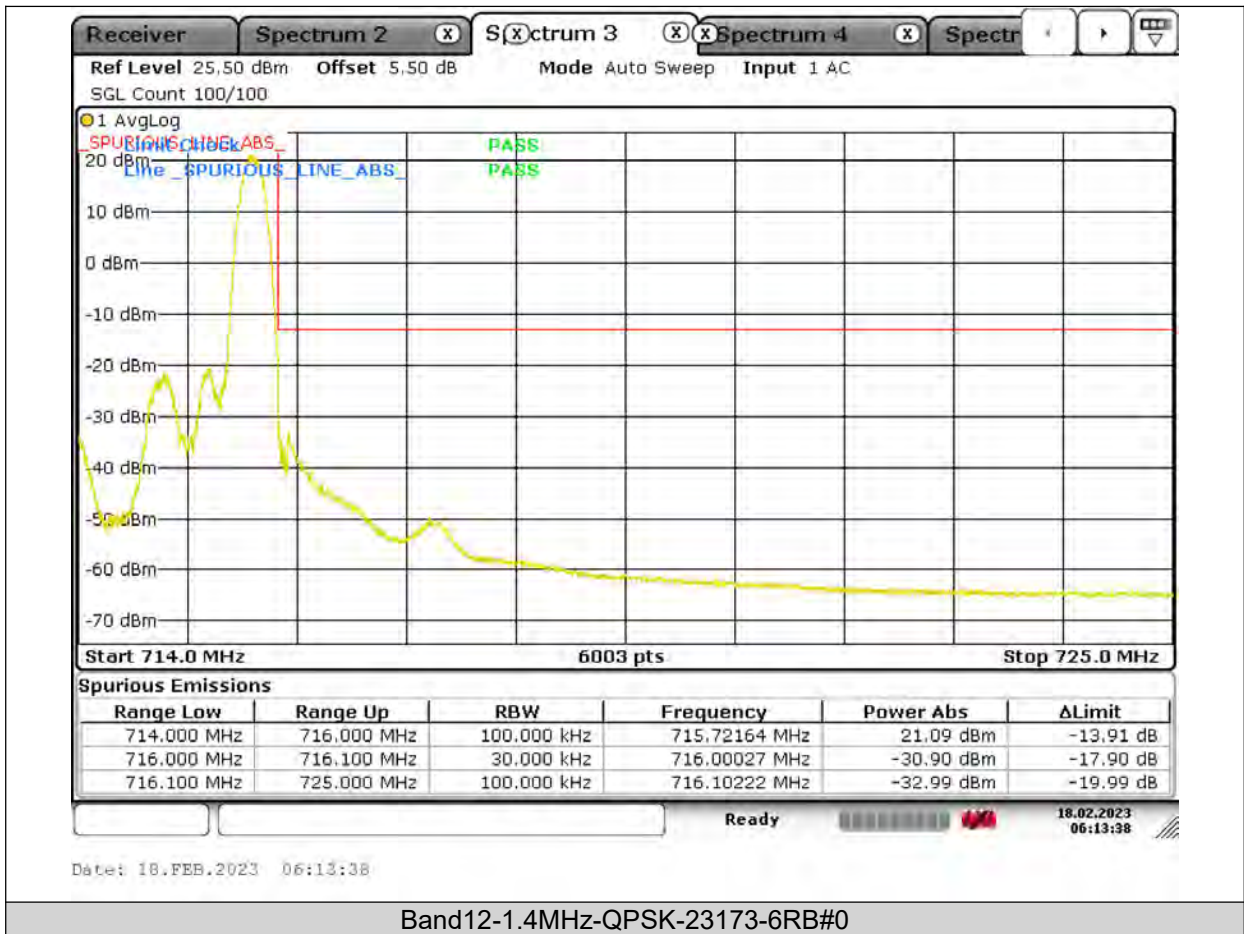
Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

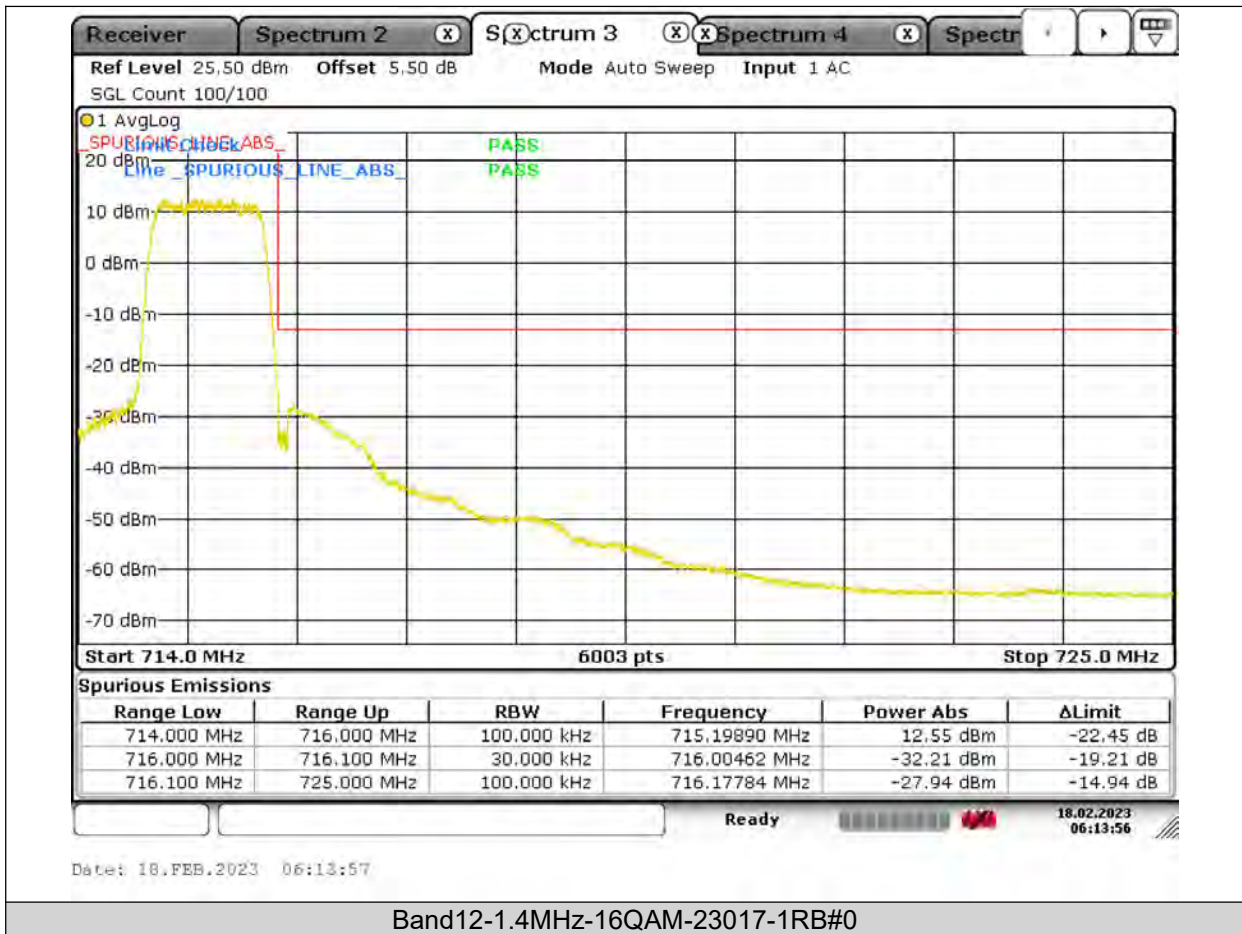
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BUREAU VERITAS

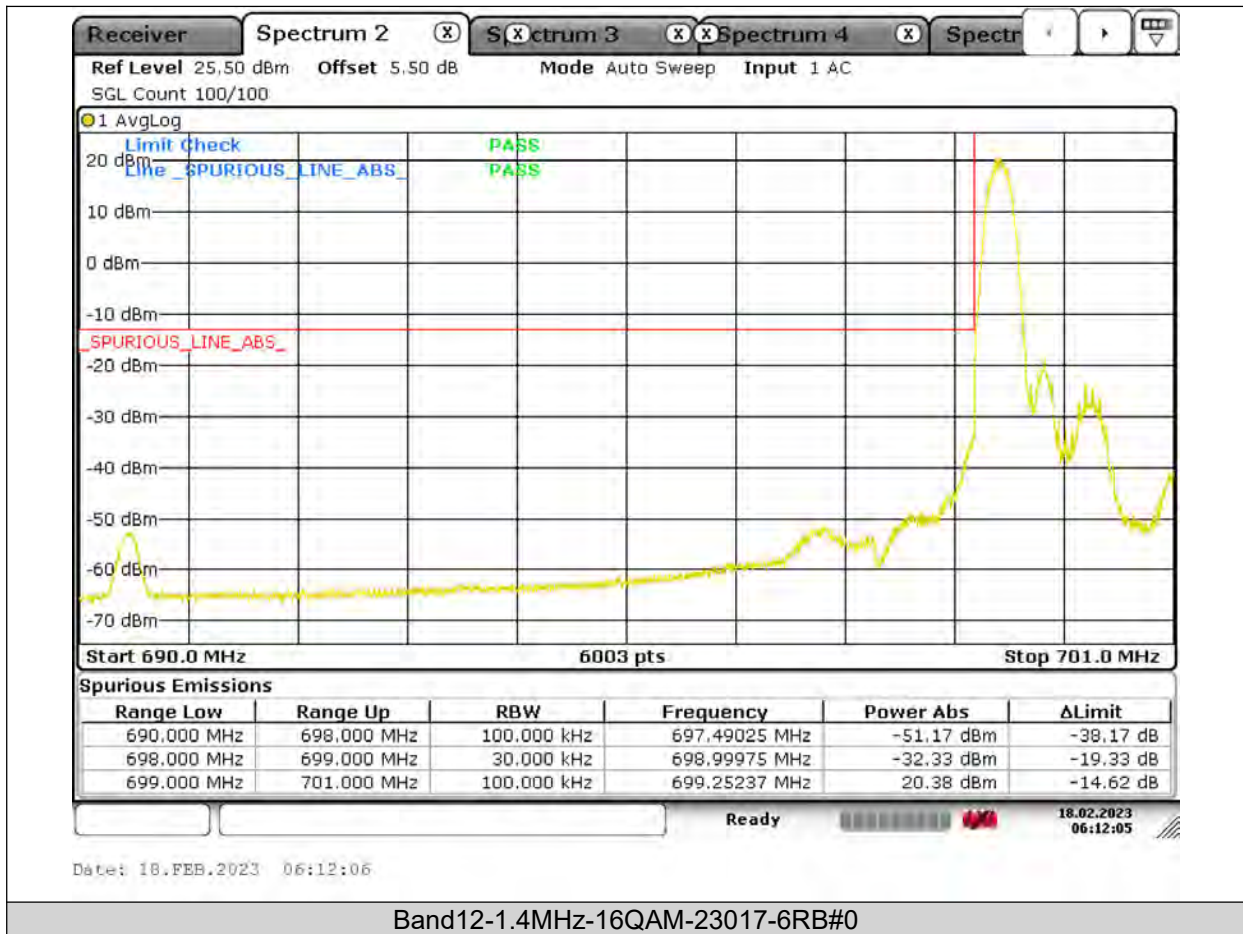
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BUREAU
VERITAS

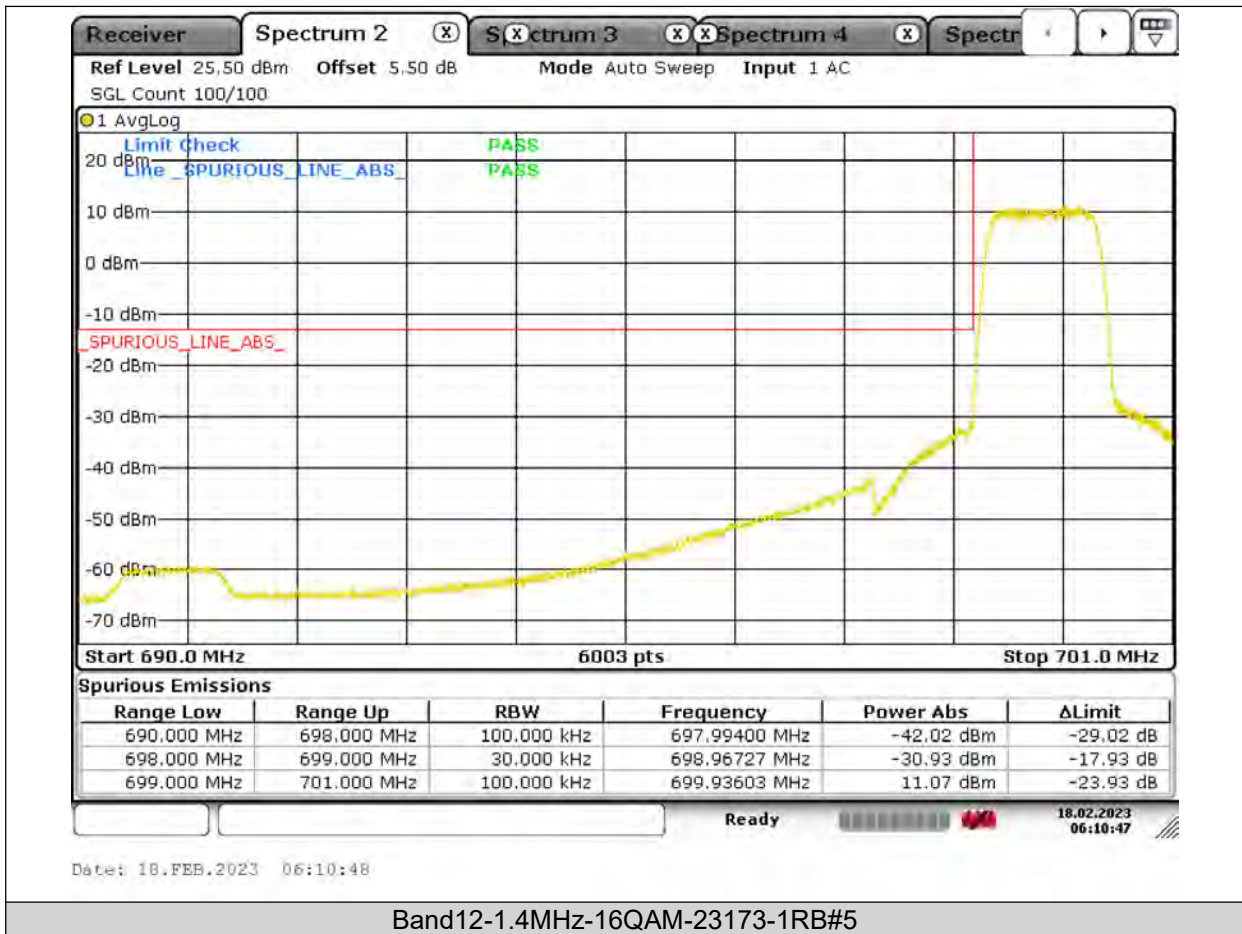
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BUREAU
VERITAS

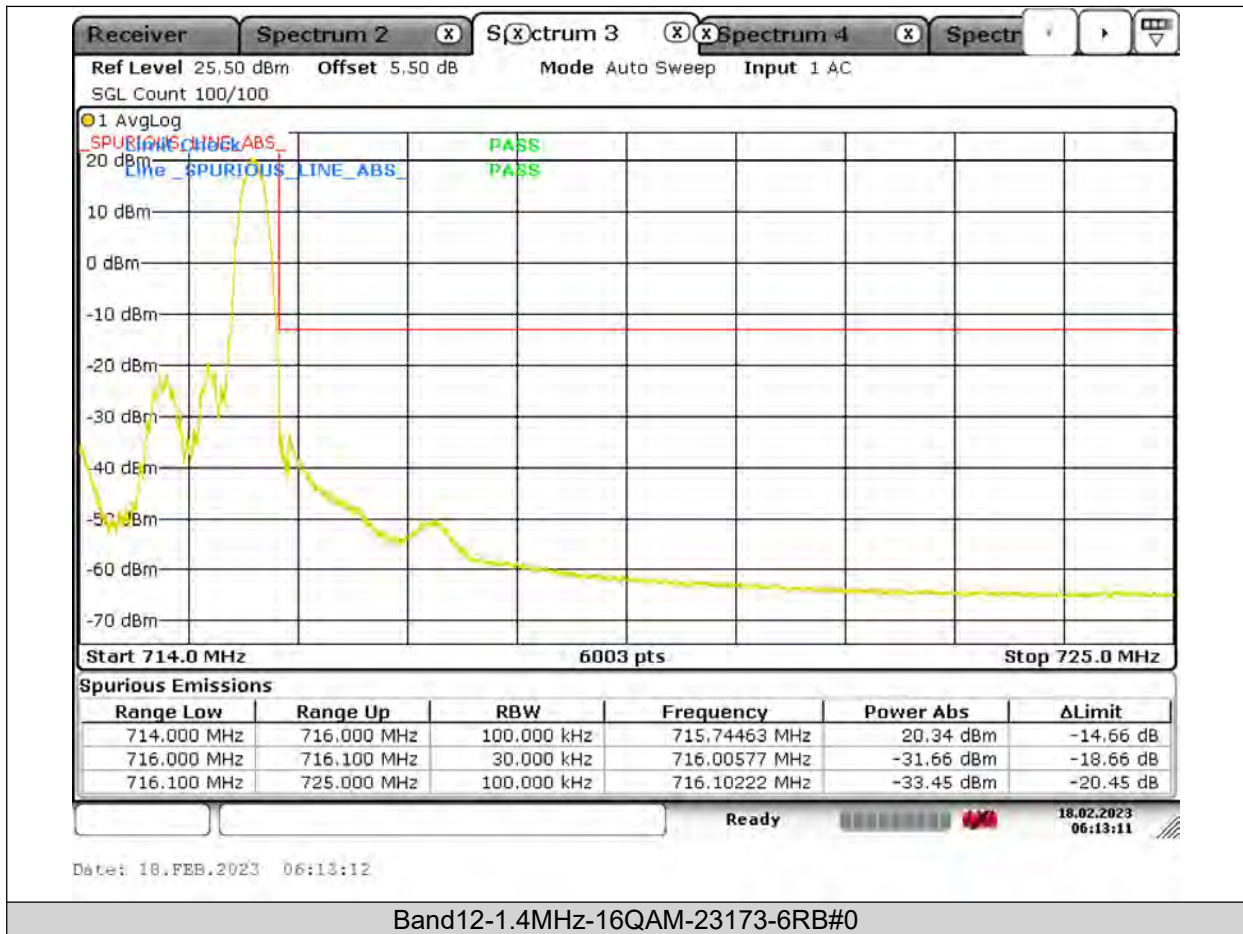
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BUREAU VERITAS

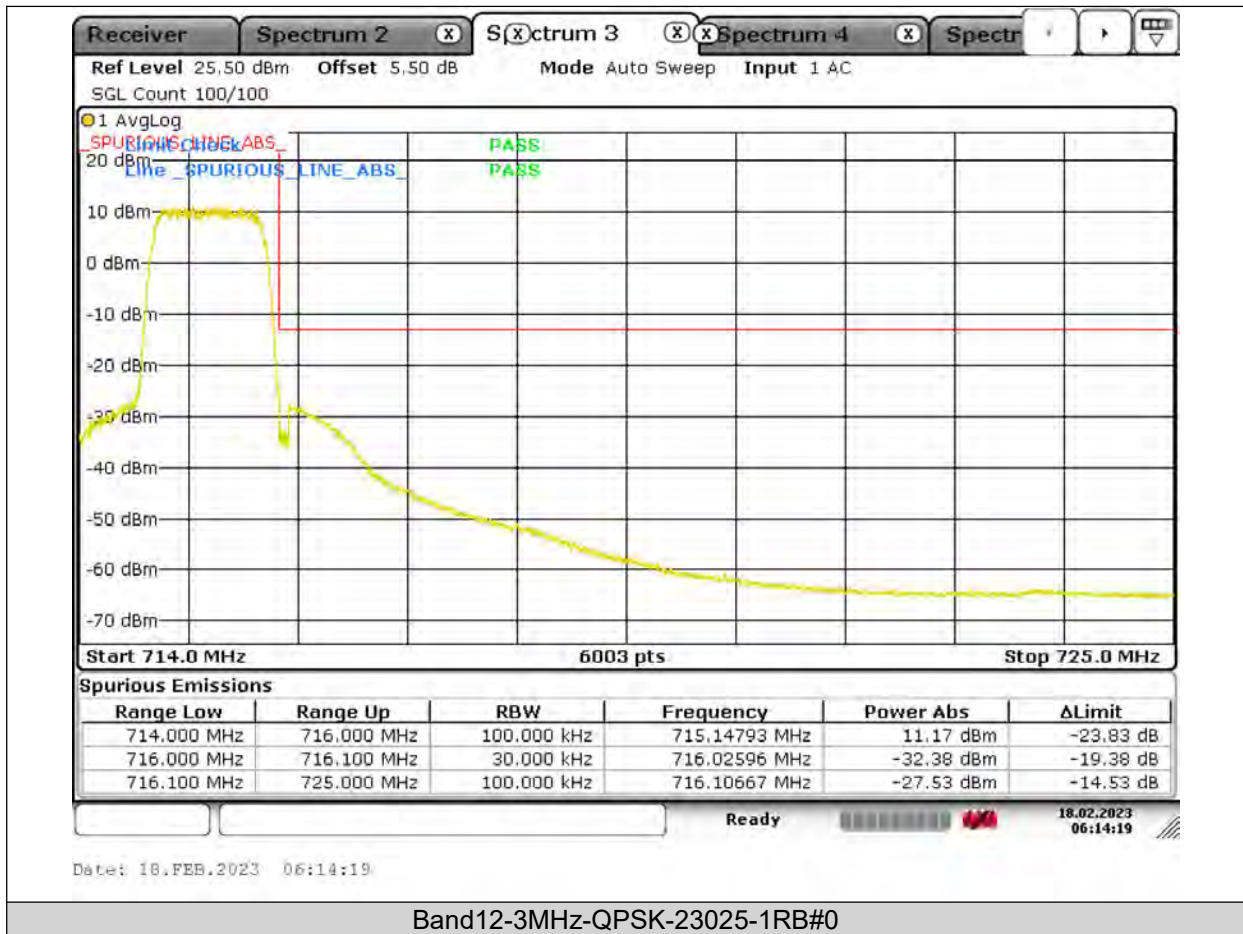
Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

Test Report No.: W7L-P23010016RF03





BUREAU
VERITAS

Test Report No.: W7L-P23010016RF03





BUREAU VERITAS

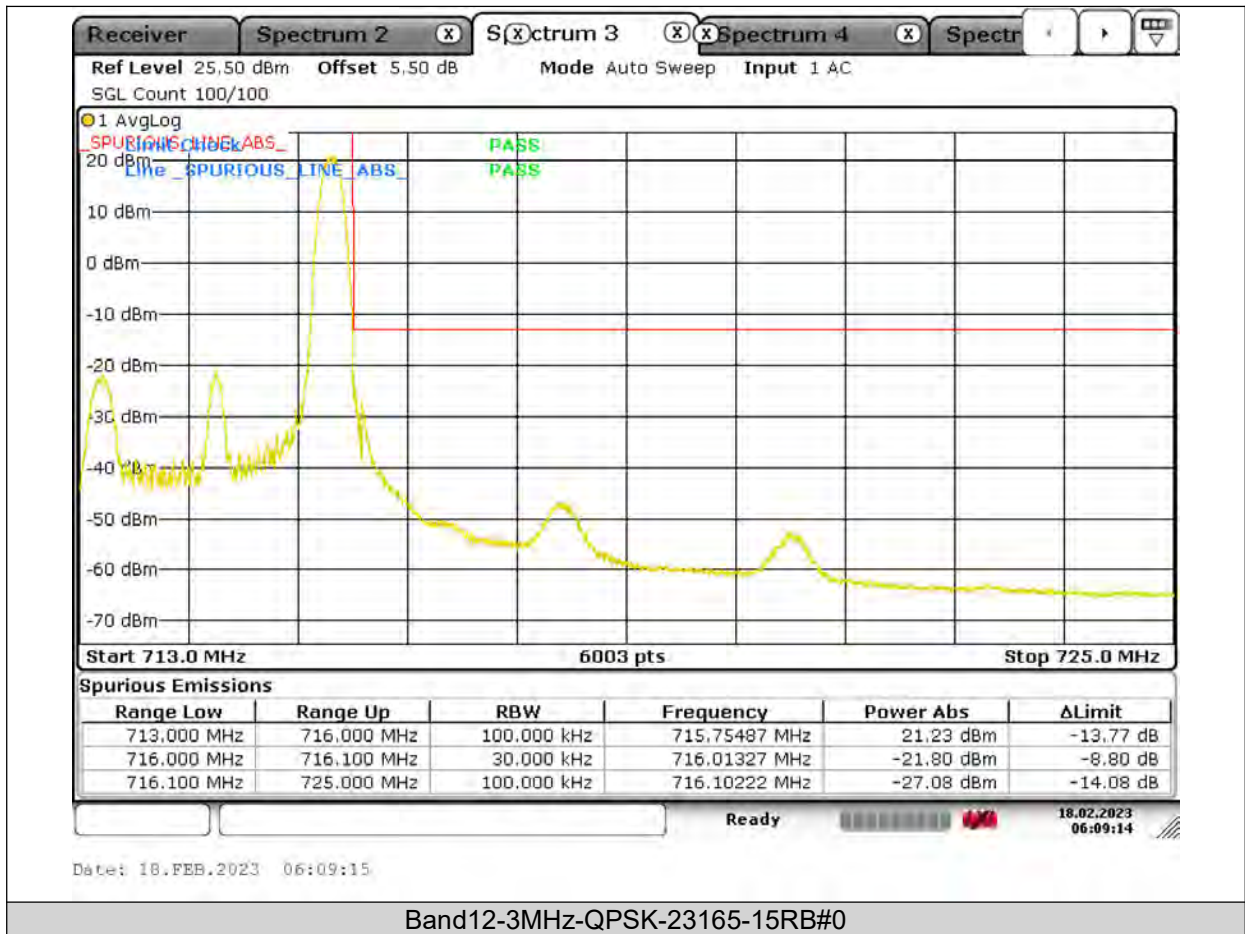
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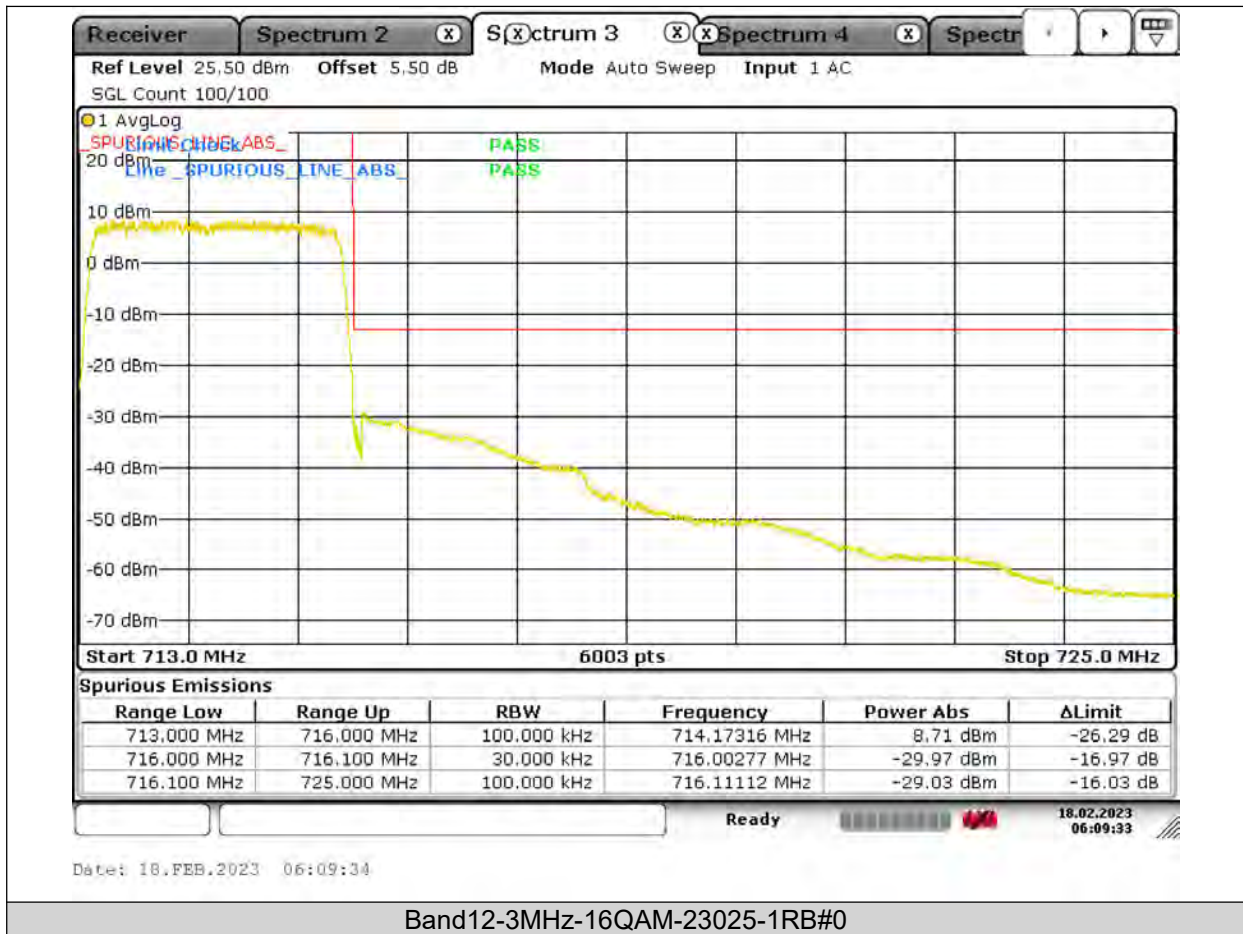
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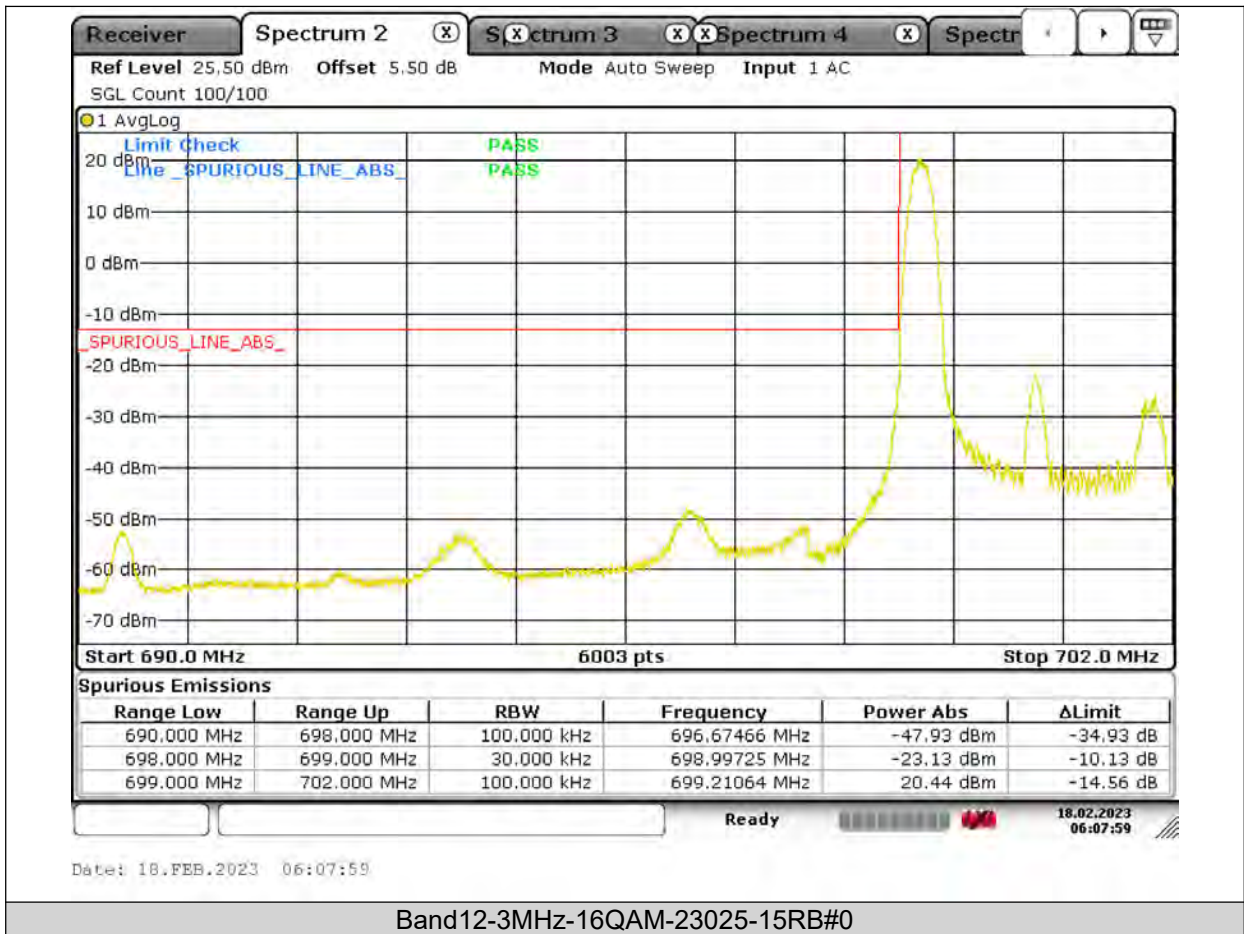
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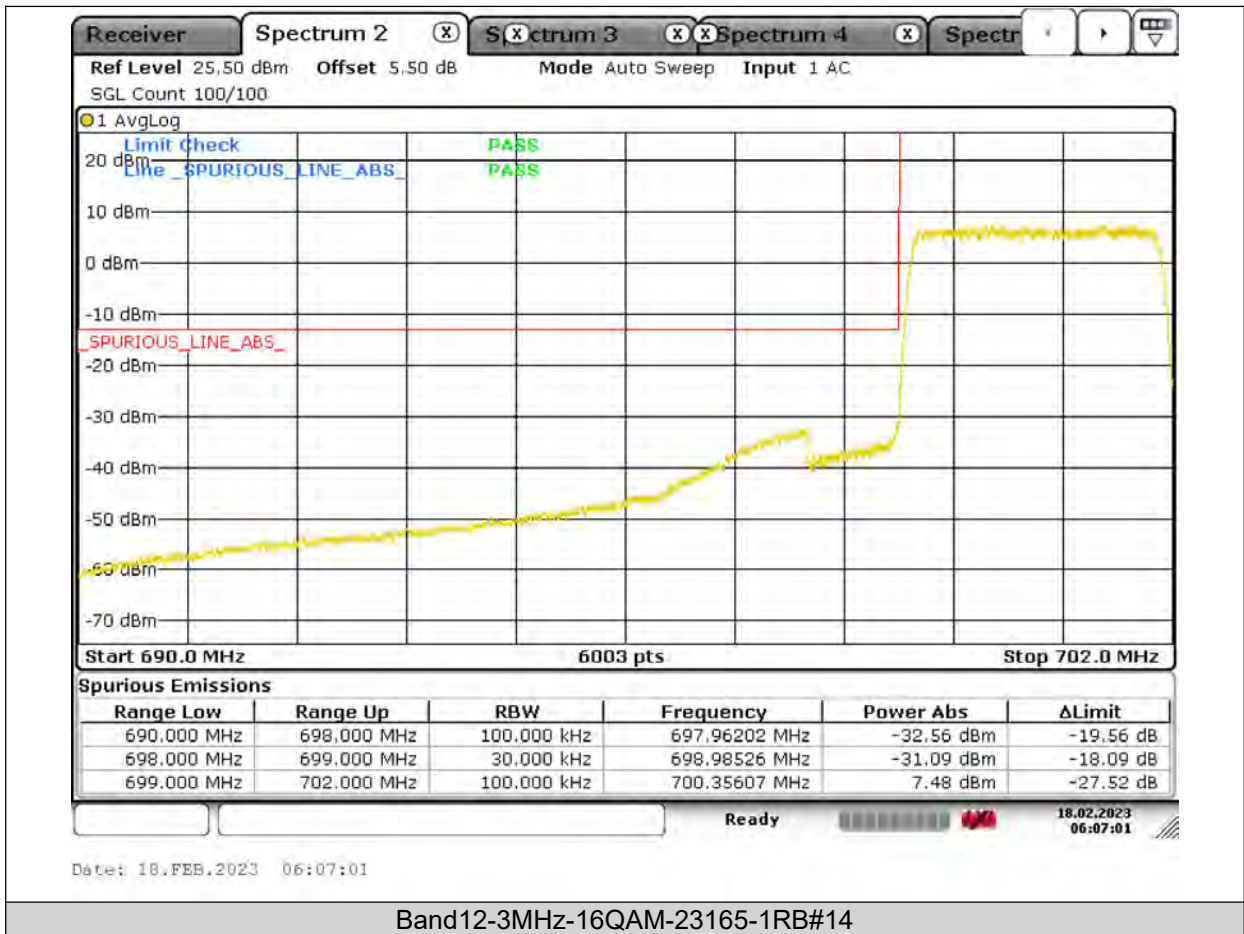
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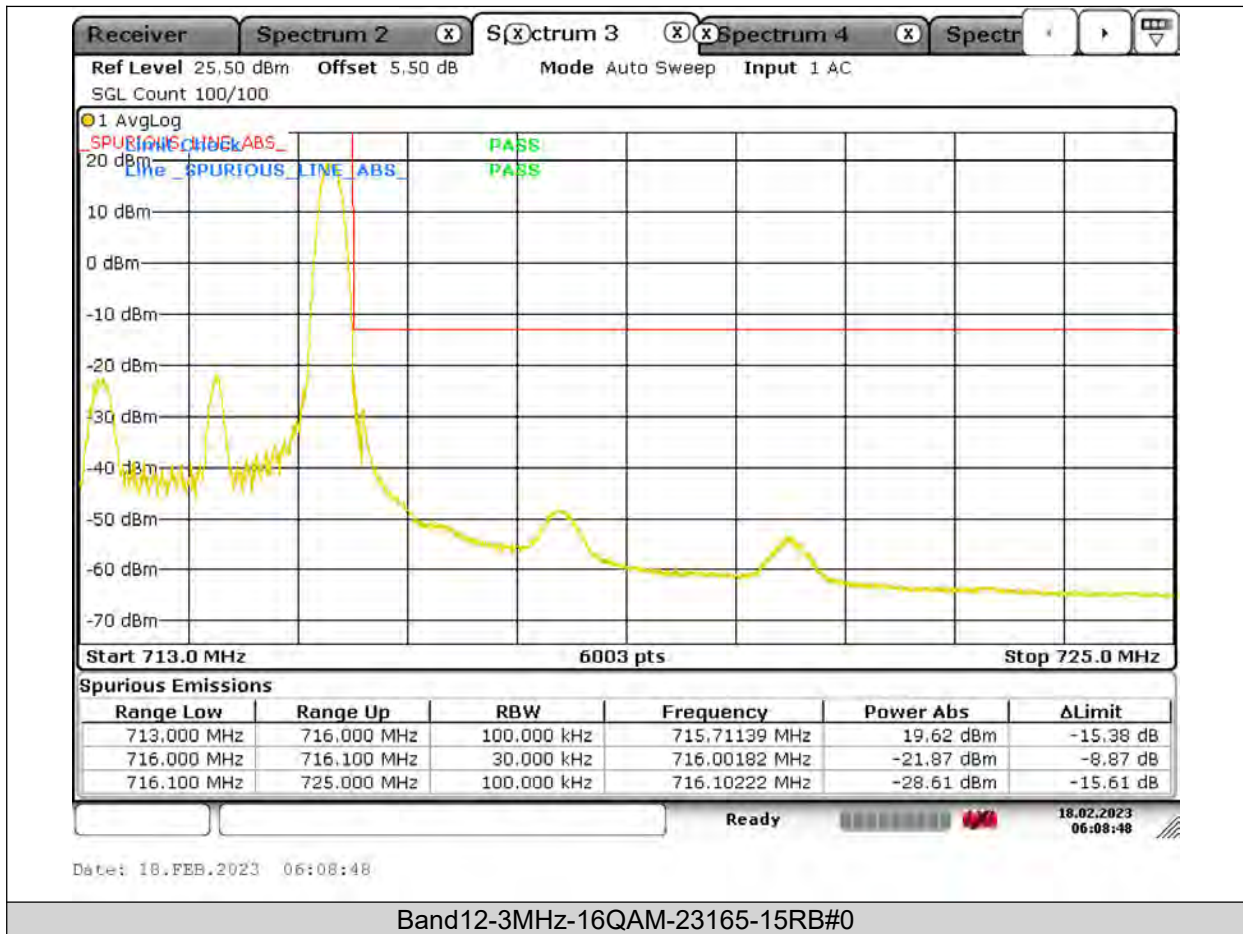
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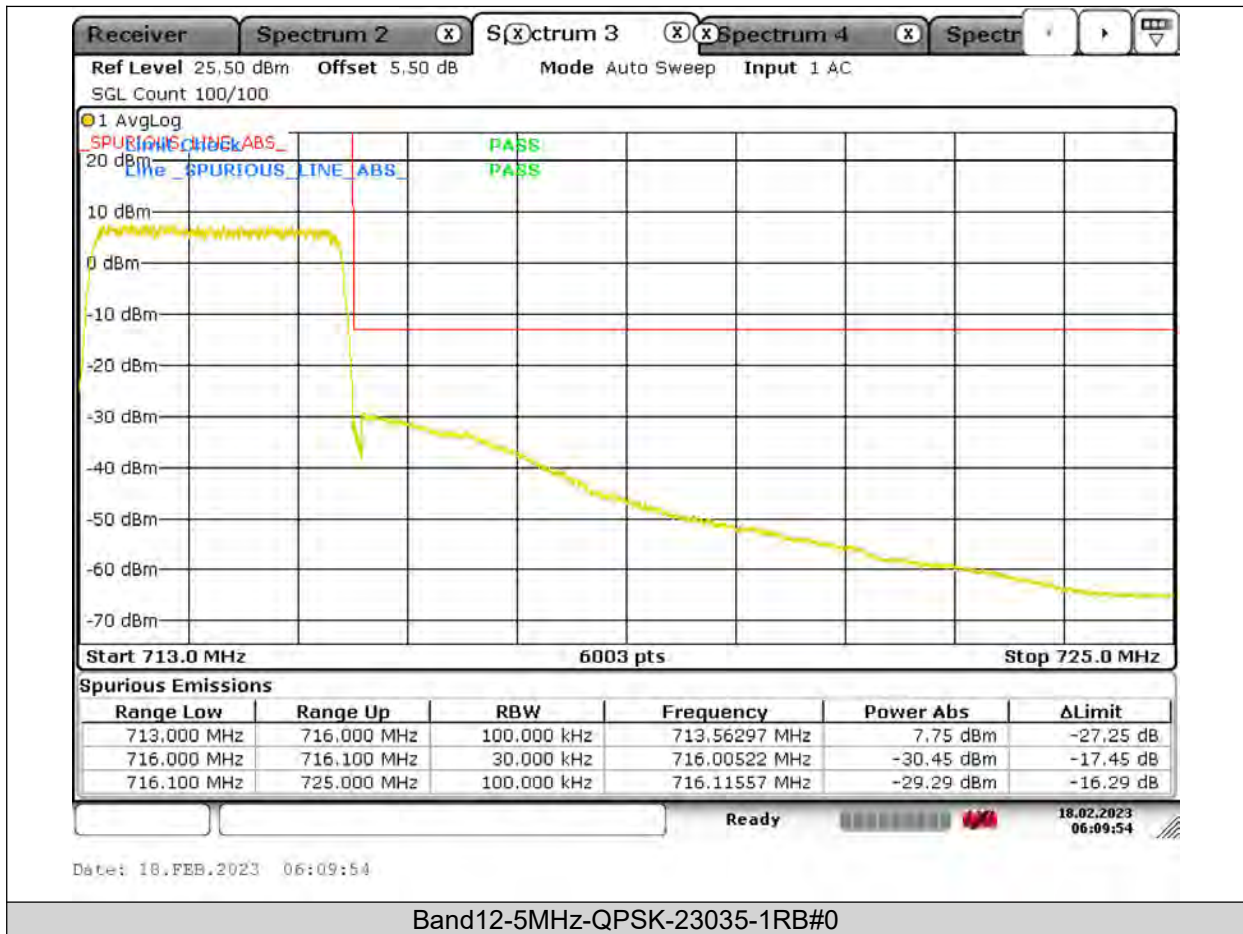
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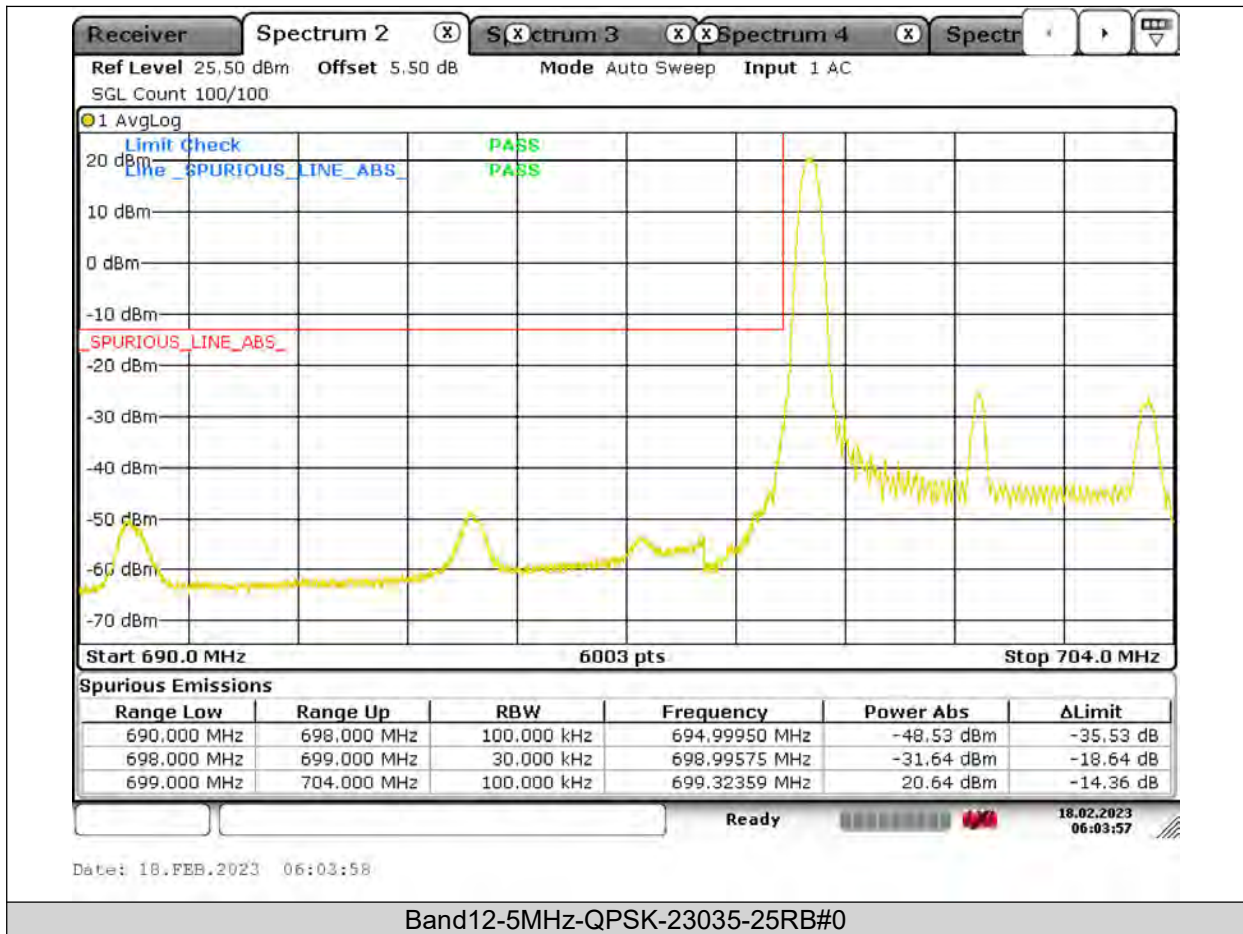
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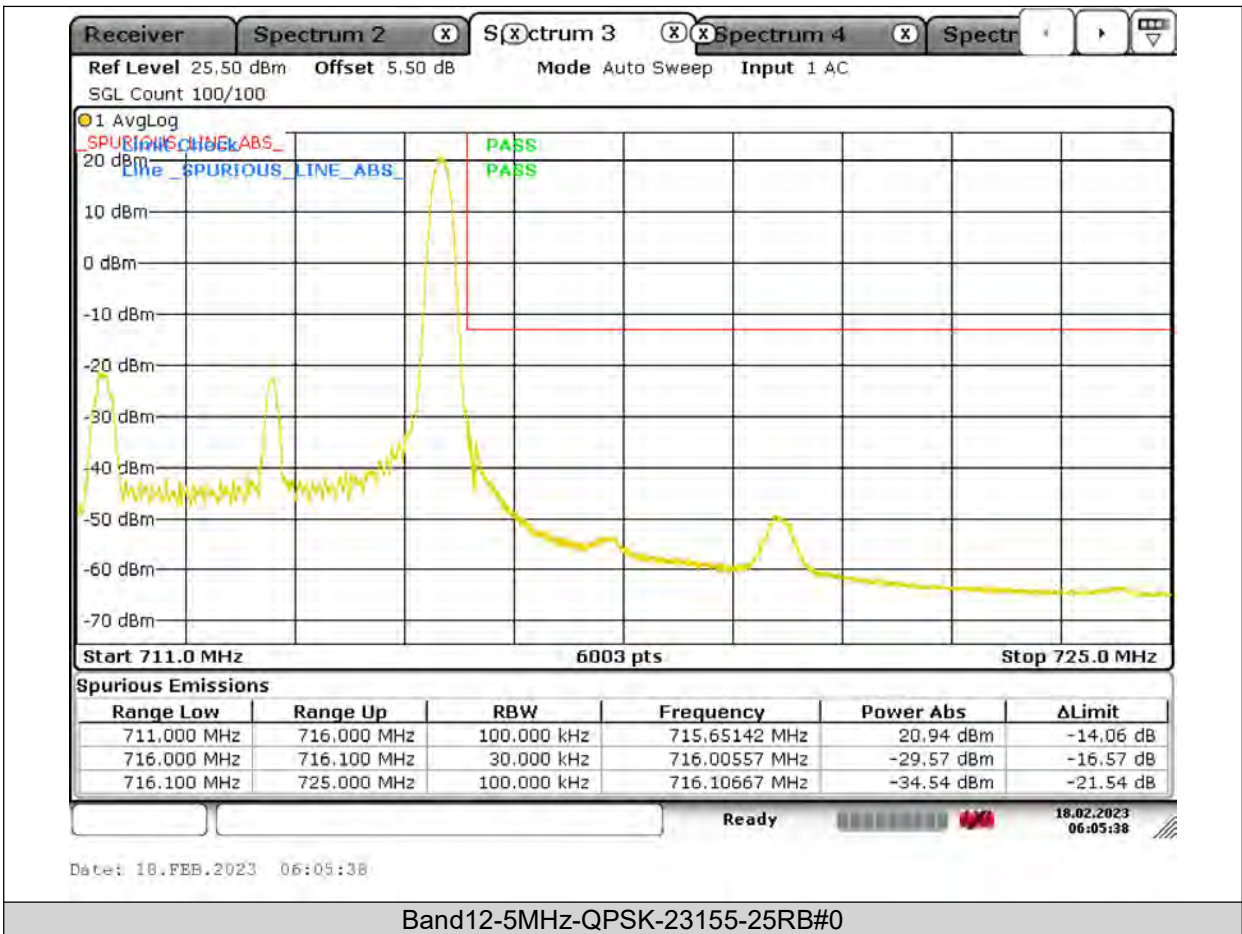
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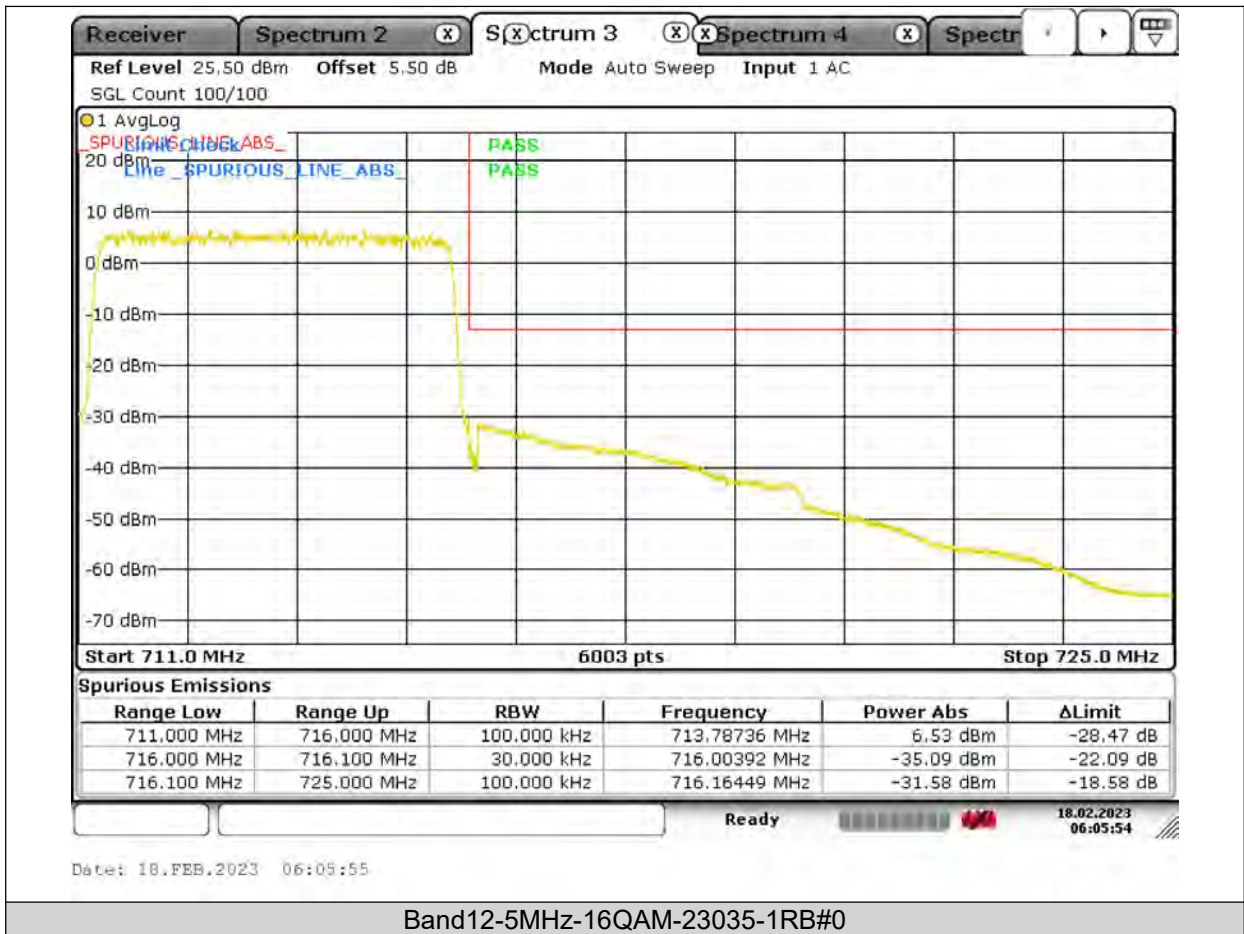
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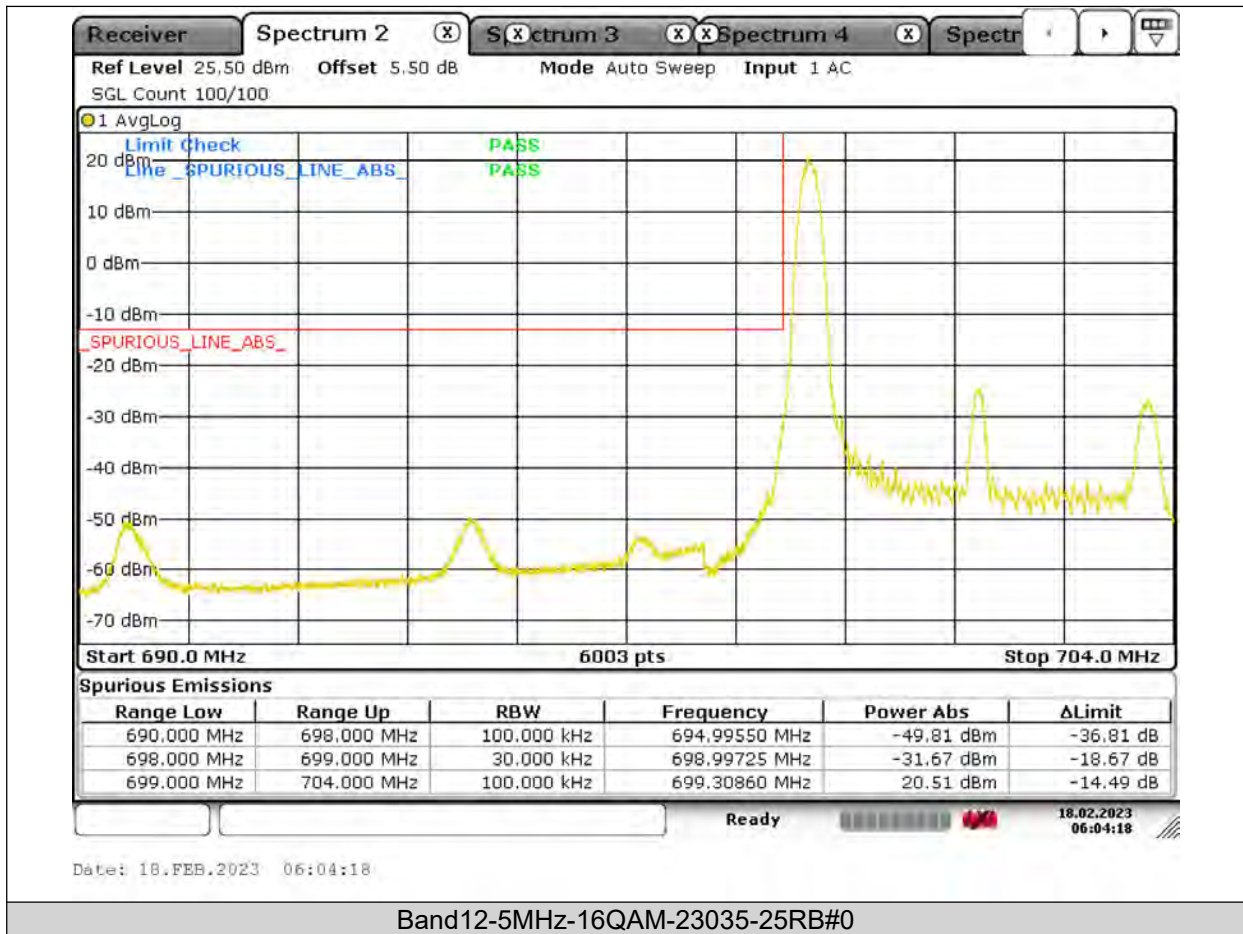
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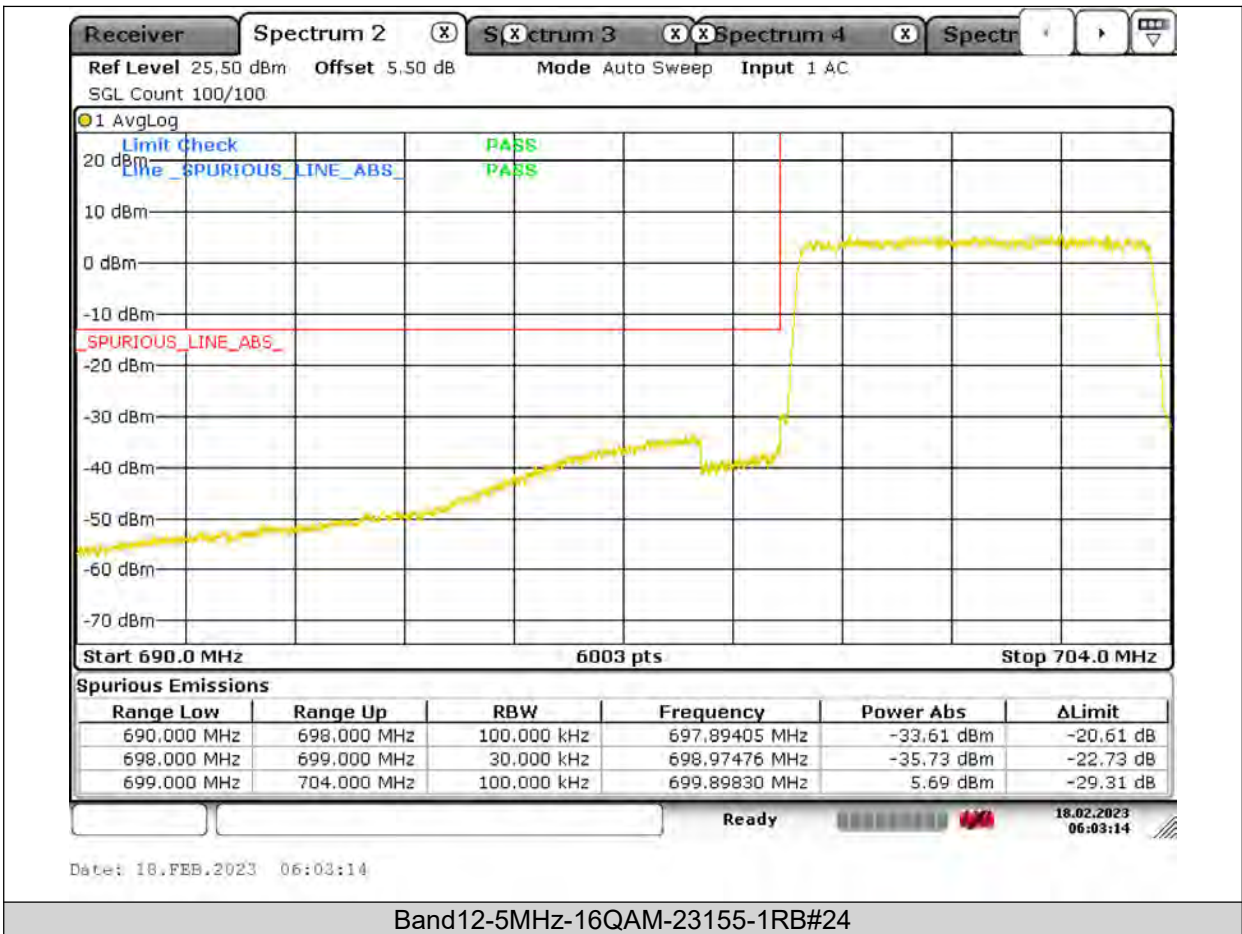
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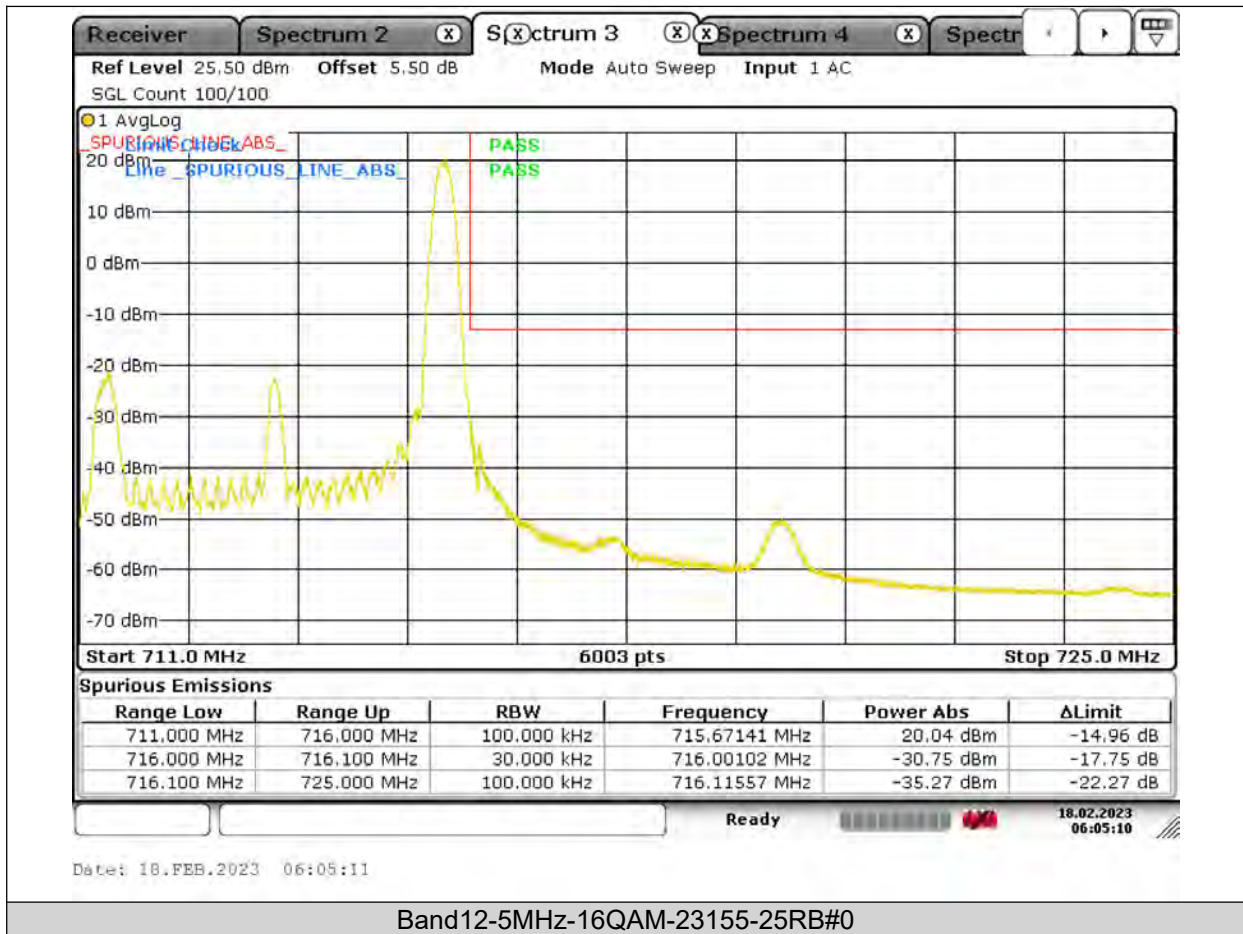
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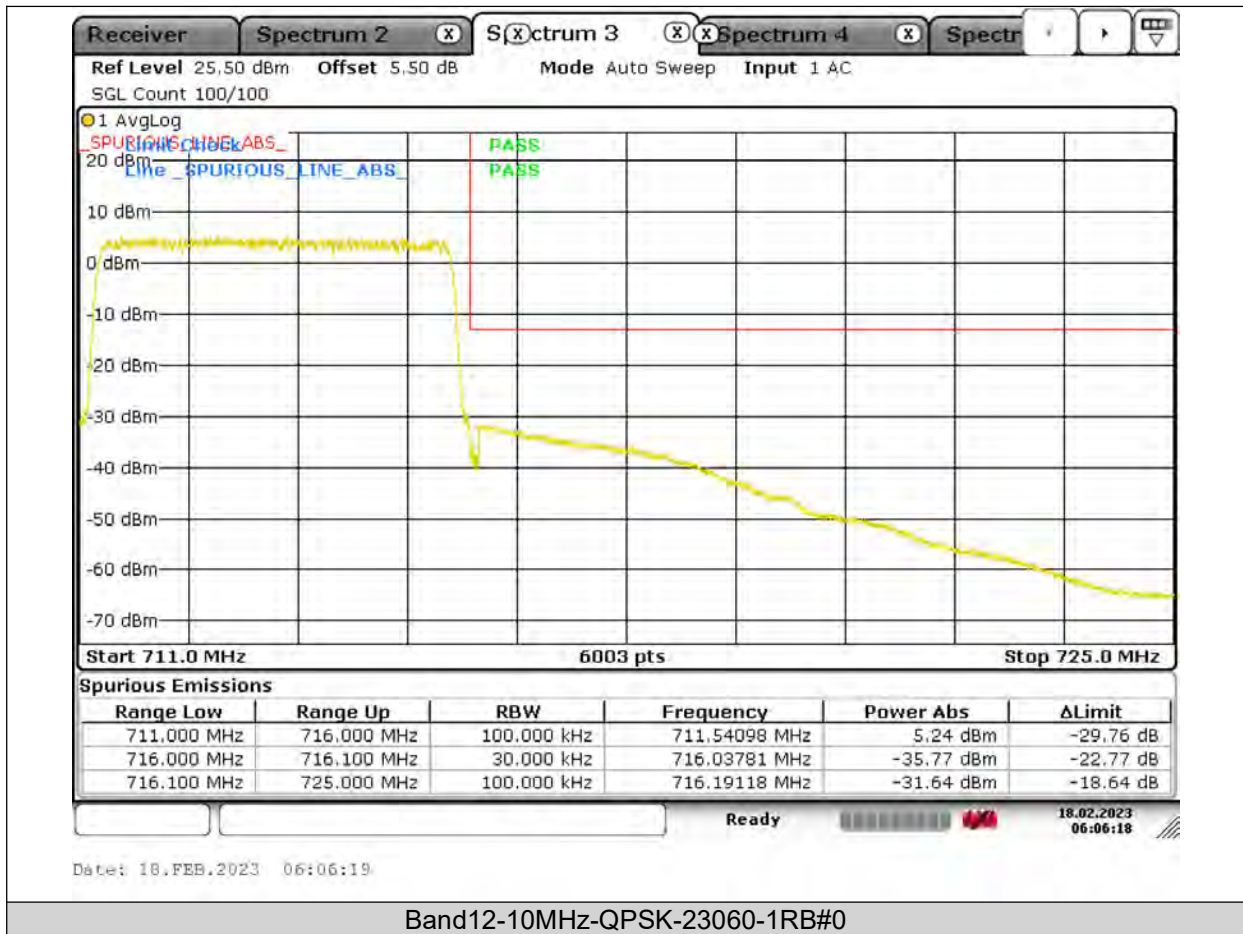
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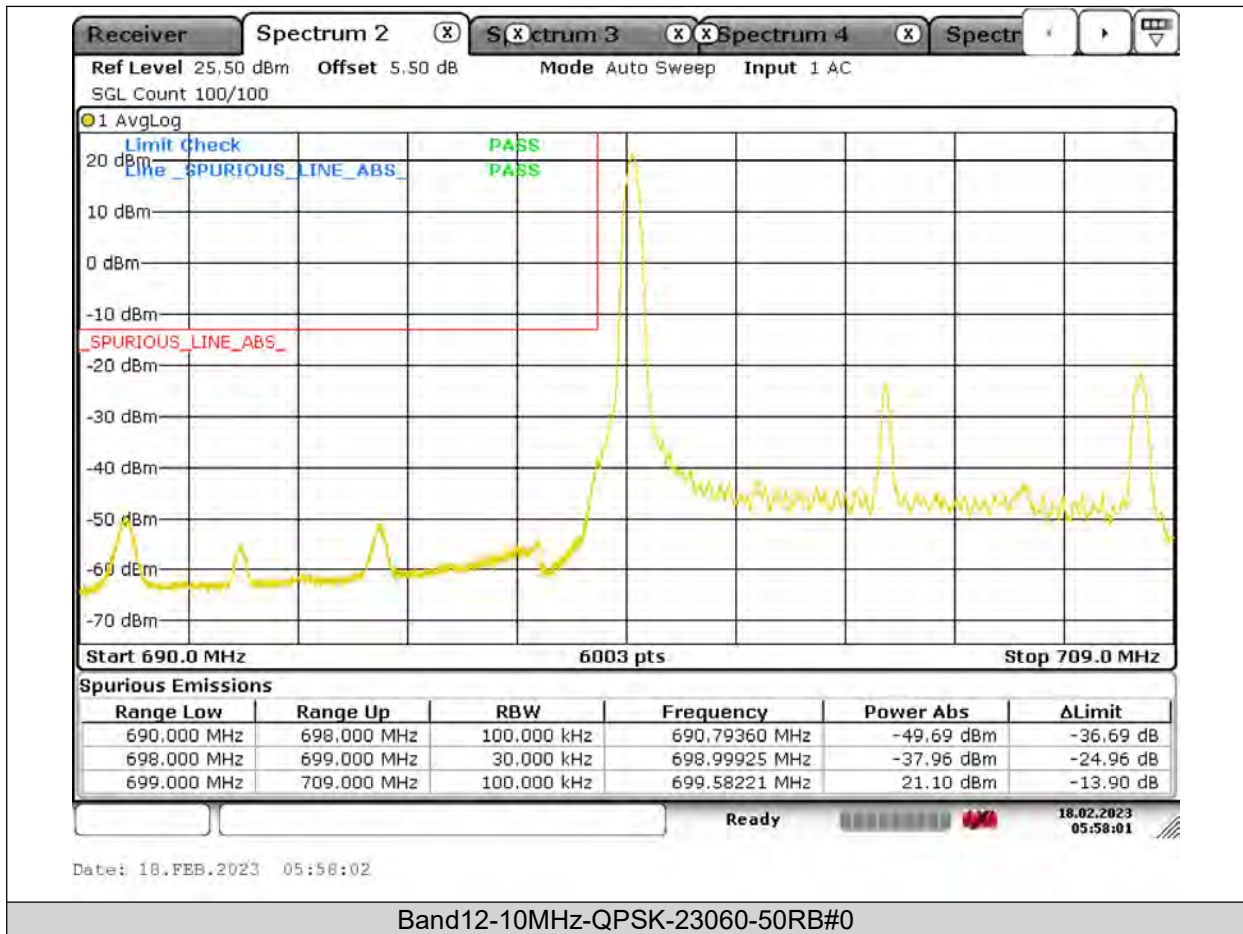
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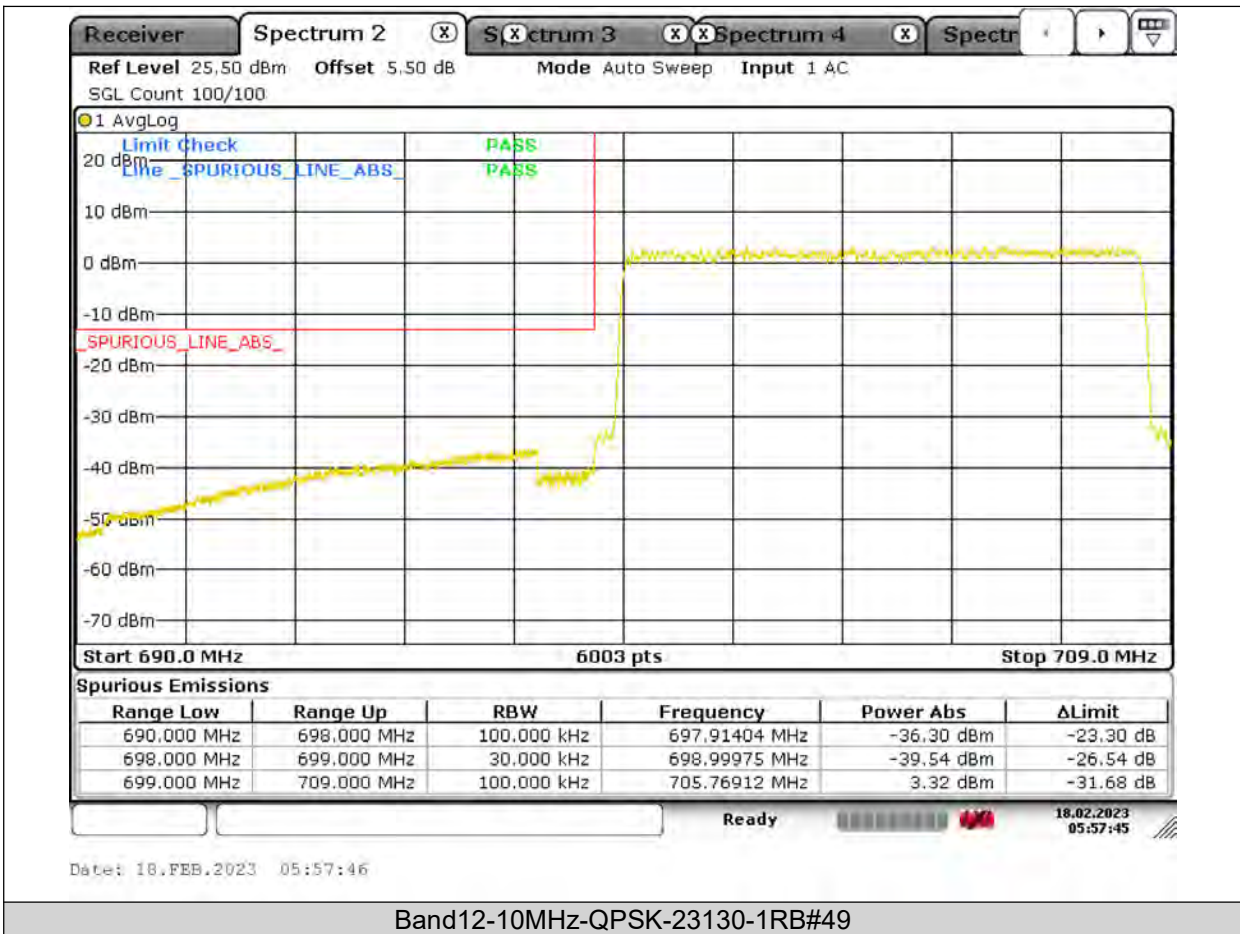
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