



Reference No.: W7L-240430W002RF04

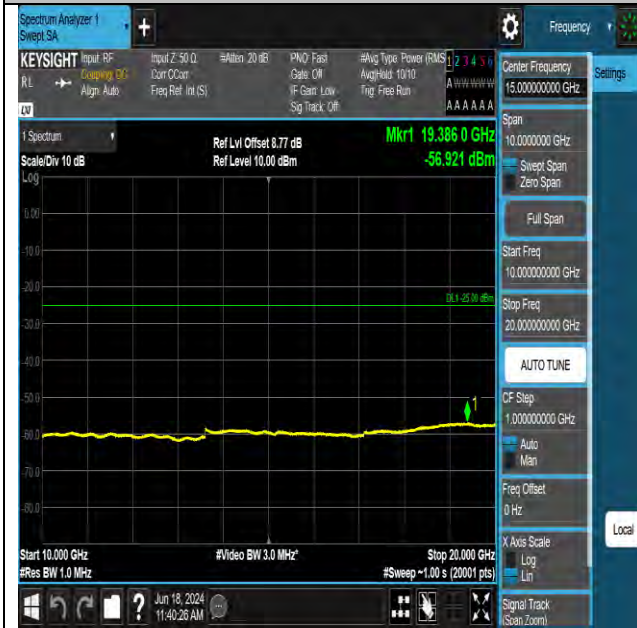
BUREAU VERITAS



Band7\_15MHz\_QPSK\_20825\_1RB#0\_30~1000\_30~100  
0



Band7\_15MHz\_QPSK\_20825\_1RB#0\_1000~10000\_100  
0~10000



Band7\_15MHz\_QPSK\_20825\_1RB#0\_10000~20000\_10  
000~20000



Band7\_15MHz\_QPSK\_20825\_1RB#0\_20000~27000\_20  
000~27000



Reference No.: W7L-240430W002RF04

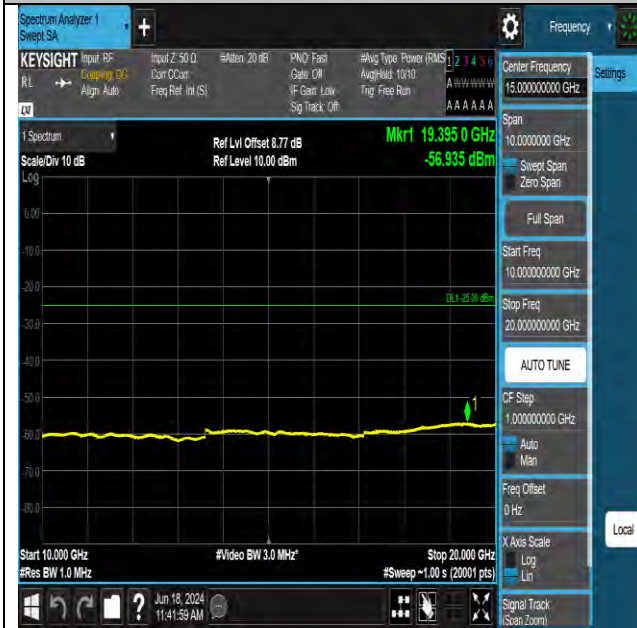
BUREAU VERITAS



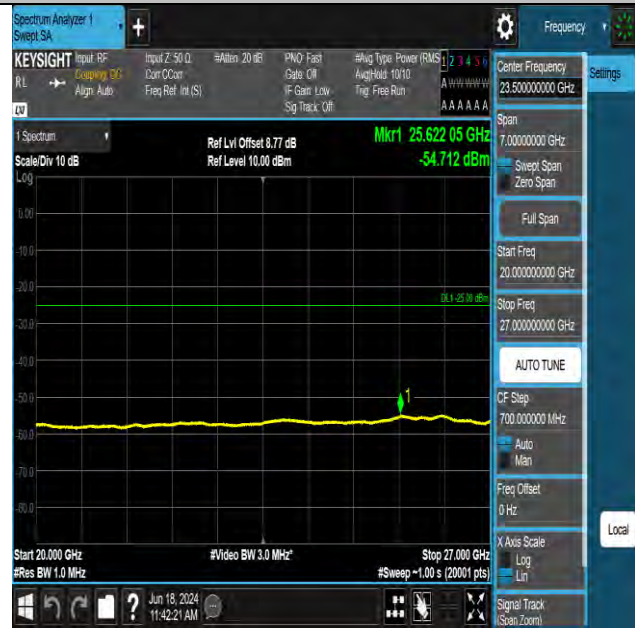
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Band7\_15MHz\_QPSK\_21100\_1RB#0\_1000~10000\_100  
0~10000



Band7\_15MHz\_QPSK\_21100\_1RB#0\_10000~20000\_10  
000~20000



Band7\_15MHz\_QPSK\_21100\_1RB#0\_20000~27000\_20  
000~27000



Reference No.: W7L-240430W002RF04

BUREAU VERITAS



Band7\_15MHz\_QPSK\_21375\_1RB#0\_30~1000\_30~100  
0



Band7\_15MHz\_QPSK\_21375\_1RB#0\_1000~10000\_100  
0~10000



Band7\_15MHz\_QPSK\_21375\_1RB#0\_10000~20000\_10  
000~20000



Band7\_15MHz\_QPSK\_21375\_1RB#0\_20000~27000\_20  
000~27000



Reference No.: W7L-240430W002RF04

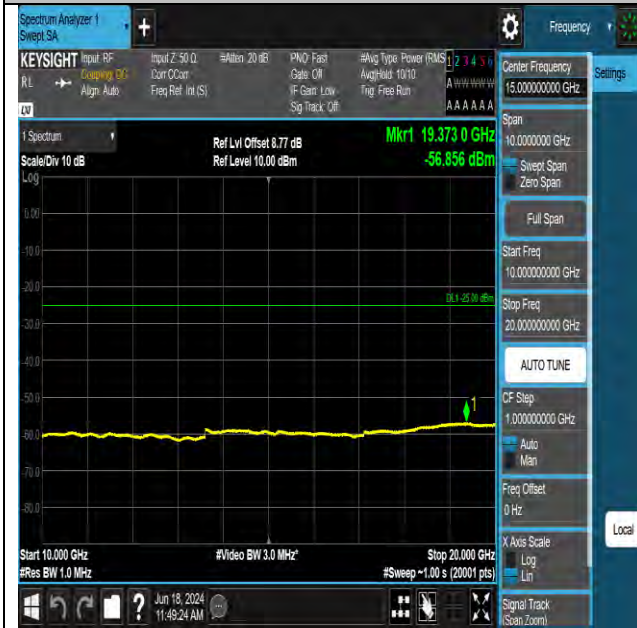
BUREAU VERITAS



Band7\_20MHz\_QPSK\_20850\_1RB#0\_30~1000\_30~100  
0



Band7\_20MHz\_QPSK\_20850\_1RB#0\_1000~10000\_100  
0~10000



Band7\_20MHz\_QPSK\_20850\_1RB#0\_10000~20000\_10  
000~20000



Band7\_20MHz\_QPSK\_20850\_1RB#0\_20000~27000\_20  
000~27000

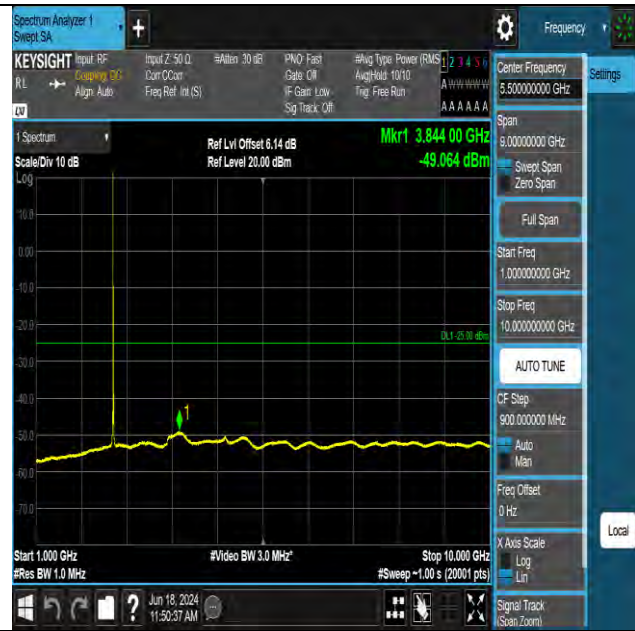


Reference No.: W7L-240430W002RF04

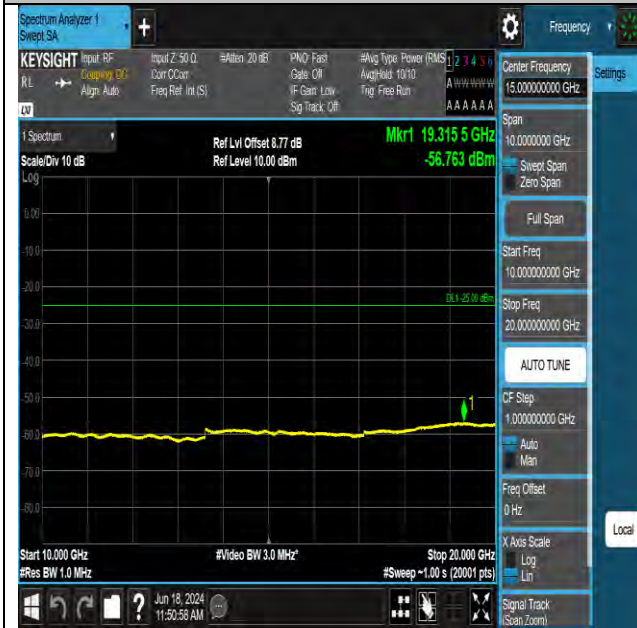
BUREAU VERITAS



Band7\_20MHz\_QPSK\_21100\_1RB#0\_30~1000\_30~100  
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Band7\_20MHz\_QPSK\_21100\_1RB#0\_1000~10000\_100  
0~10000



Band7\_20MHz\_QPSK\_21100\_1RB#0\_10000~20000\_10  
000~20000



Band7\_20MHz\_QPSK\_21100\_1RB#0\_20000~27000\_20  
000~27000



Reference No.: W7L-240430W002RF04

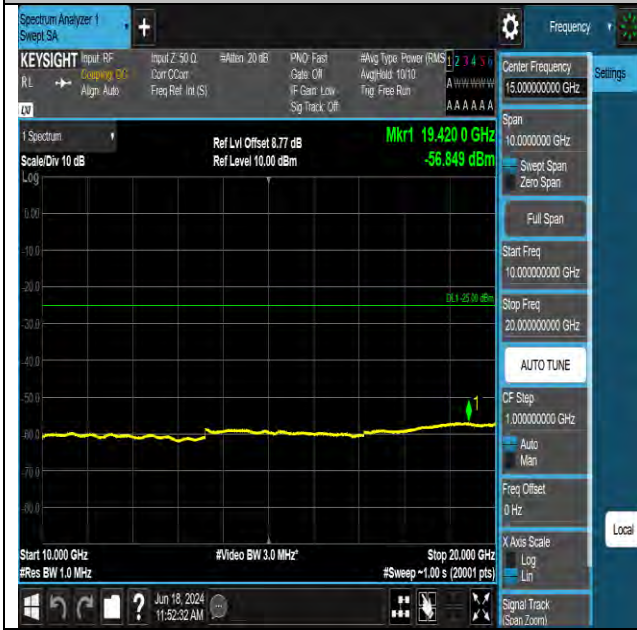
BUREAU VERITAS



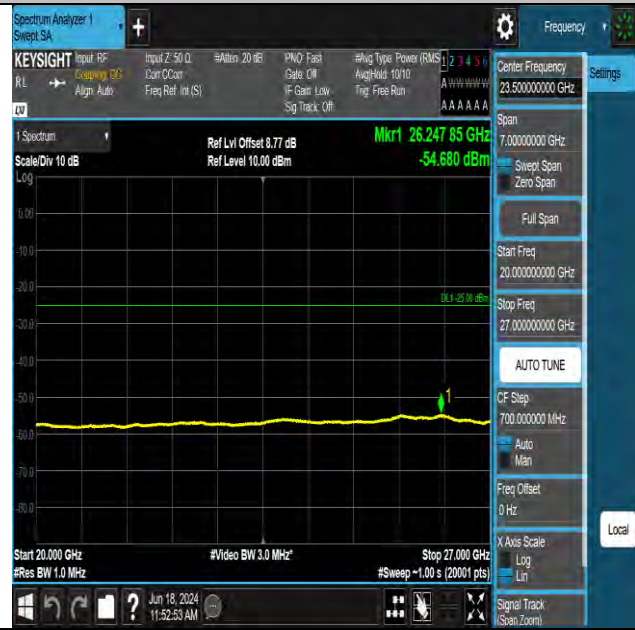
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Band7\_20MHz\_QPSK\_21350\_1RB#0\_1000~10000\_100  
0~10000



Band7\_20MHz\_QPSK\_21350\_1RB#0\_10000~20000\_10  
000~20000



Band7\_20MHz\_QPSK\_21350\_1RB#0\_20000~27000\_20  
000~27000



Reference No.: W7L-240430W002RF04

## FREQUENCY STABILITY TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band7	10MHz	QPSK	20800	50RB #0	VN	NT	-13.06	-0.005214	2500.4243	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	VL	NT	-10.01	-0.003996	2500.2502	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	VH	NT	-6.95	-0.002774	2500.1661	---	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	VN	NT	-6.04	-0.002355	---	2569.6633	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	VL	NT	5.85	0.002281	---	2569.6957	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	VH	NT	-9.94	-0.003875	---	2569.6360	2500-2570	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band7	10MHz	QPSK	20800	50RB #0	NV	-30	7.28	0.002906	2500.3996	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	-20	-12.89	-0.005146	2500.5203	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	-10	-8.58	-0.003425	2500.1873	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	0	-11.87	-0.004739	2500.4504	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	10	5.79	0.002311	2500.5971	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	20	-11.20	-0.004471	2500.2570	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	30	-4.12	-0.001645	2500.4037	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	40	-15.21	-0.006072	2500.2943	---	2500-2570	PASS
Band7	10MHz	QPSK	20800	50RB #0	NV	50	6.71	0.002679	2500.3959	---	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	-30	10.36	0.004039	---	2569.7288	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	-20	-5.12	-0.001996	---	2569.7037	2500-2570	PASS
Band7	10MHz	QPSK	21400	50RB #0	NV	-10	-13.20	-0.005146	---	2569.6867	2500-2570	PASS



BUREAU  
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Reference No.: W7L-240430W002RF04

Band7	10MH z	QPSK	21400	50RB #0	NV	0	8.47	0.003 302	---	2569. 6660	2500- 2570	PASS
Band7	10MH z	QPSK	21400	50RB #0	NV	10	7.47	0.002 912	---	2569. 6862	2500- 2570	PASS
Band7	10MH z	QPSK	21400	50RB #0	NV	20	5.54	0.002 160	---	2569. 7240	2500- 2570	PASS
Band7	10MH z	QPSK	21400	50RB #0	NV	30	-10.00	-0.003 899	---	2569. 7065	2500- 2570	PASS
Band7	10MH z	QPSK	21400	50RB #0	NV	40	11.39	0.004 441	---	2569. 7358	2500- 2570	PASS
Band7	10MH z	QPSK	21400	50RB #0	NV	50	8.44	0.003 290	---	2569. 6375	2500- 2570	PASS





Reference No.: W7L-240430W002RF04

## LTE BAND12

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

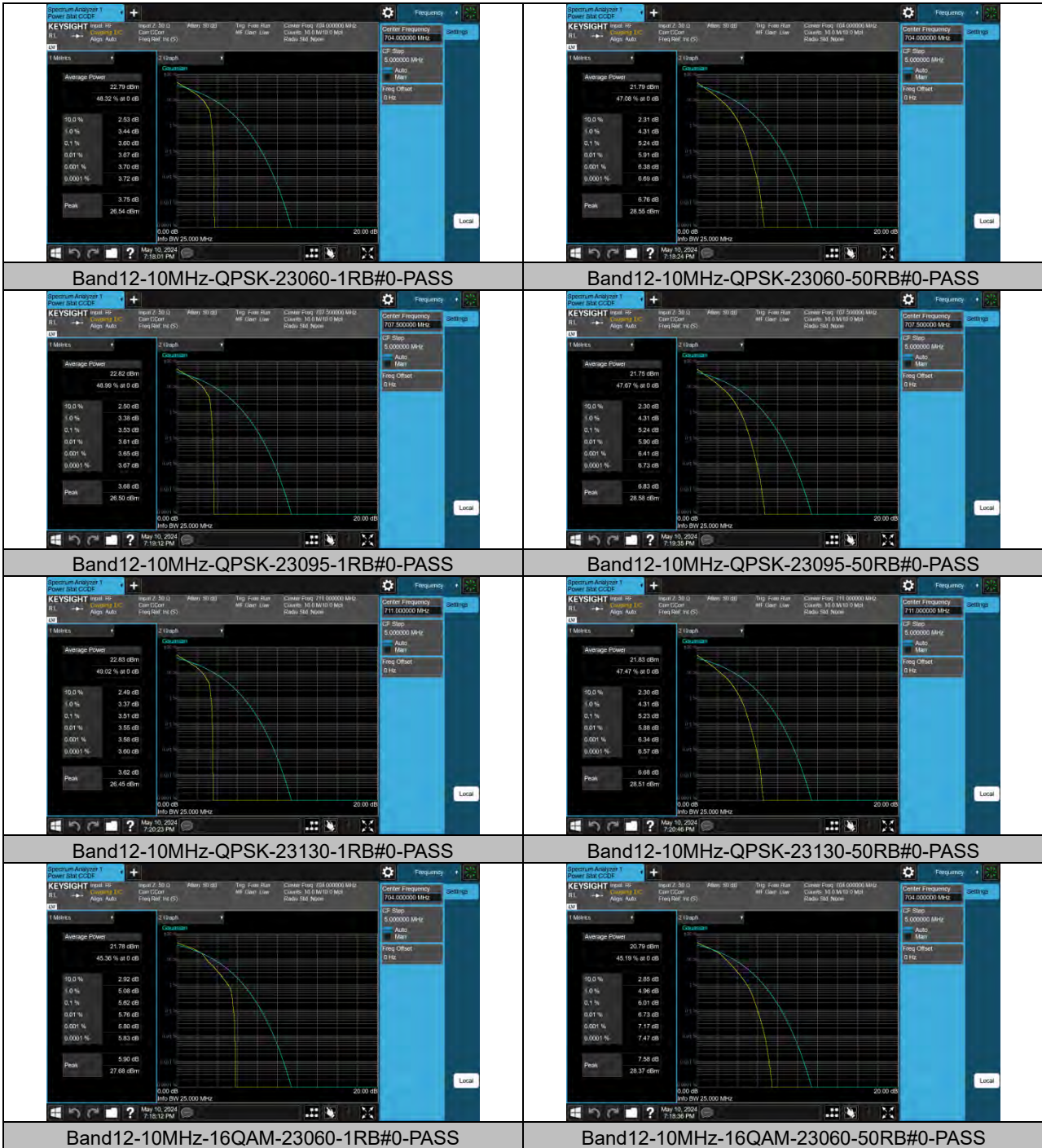
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	1RB#0	3.60	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.24	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.53	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.24	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.51	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.23	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.01	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.53	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.01	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.47	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.99	13	PASS



BUREAU VERITAS

Reference No.: W7L-240430W002RF04

### TEST GRAPHS





BUREAU VERITAS

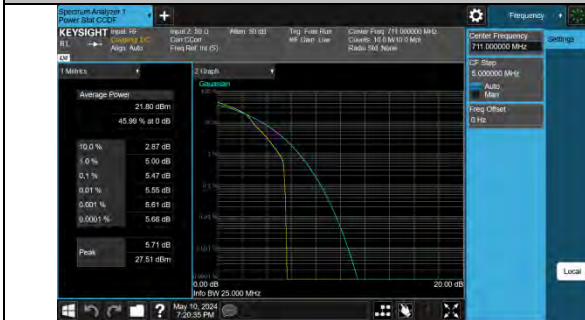
Reference No.: W7L-240430W002RF04



Band 12-10MHz-16QAM-23095-1RB#0-PASS



Band 12-10MHz-16QAM-23095-50RB#0-PASS



Band 12-10MHz-16QAM-23130-1RB#0-PASS



Band 12-10MHz-16QAM-23130-50RB#0-PASS



Reference No.: W7L-240430W002RF04

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

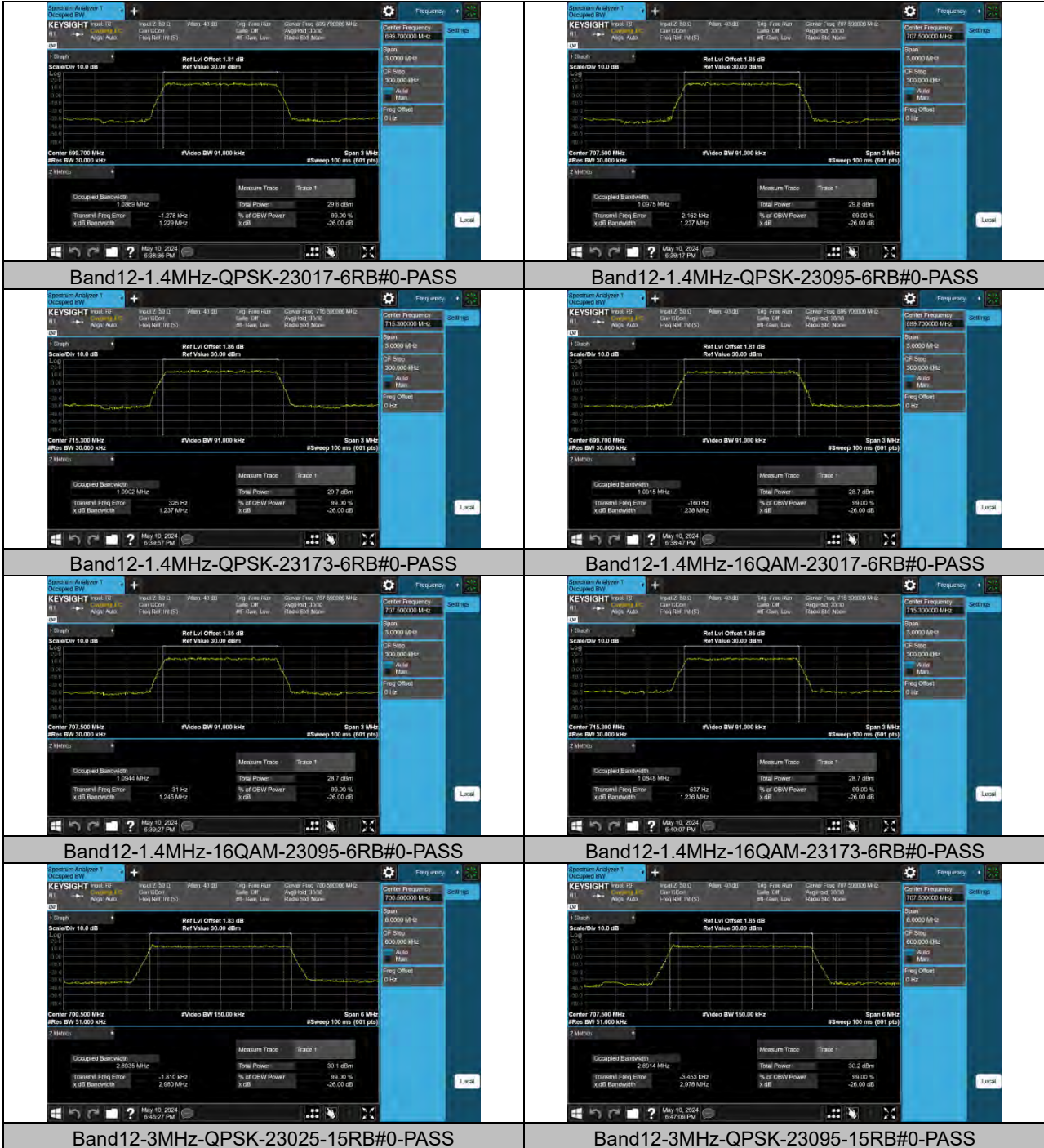
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0869	1.229	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0975	1.237	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0902	1.237	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0915	1.238	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0944	1.245	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0848	1.236	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6935	2.980	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6914	2.978	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6938	2.976	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6955	2.988	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6973	2.977	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6917	2.998	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5105	4.995	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5075	4.984	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4984	4.960	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5045	4.993	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4993	4.988	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4954	4.960	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9744	9.853	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9901	9.793	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9848	9.804	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9683	9.799	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9727	9.798	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9847	9.800	PASS



BUREAU VERITAS

Reference No.: W7L-240430W002RF04

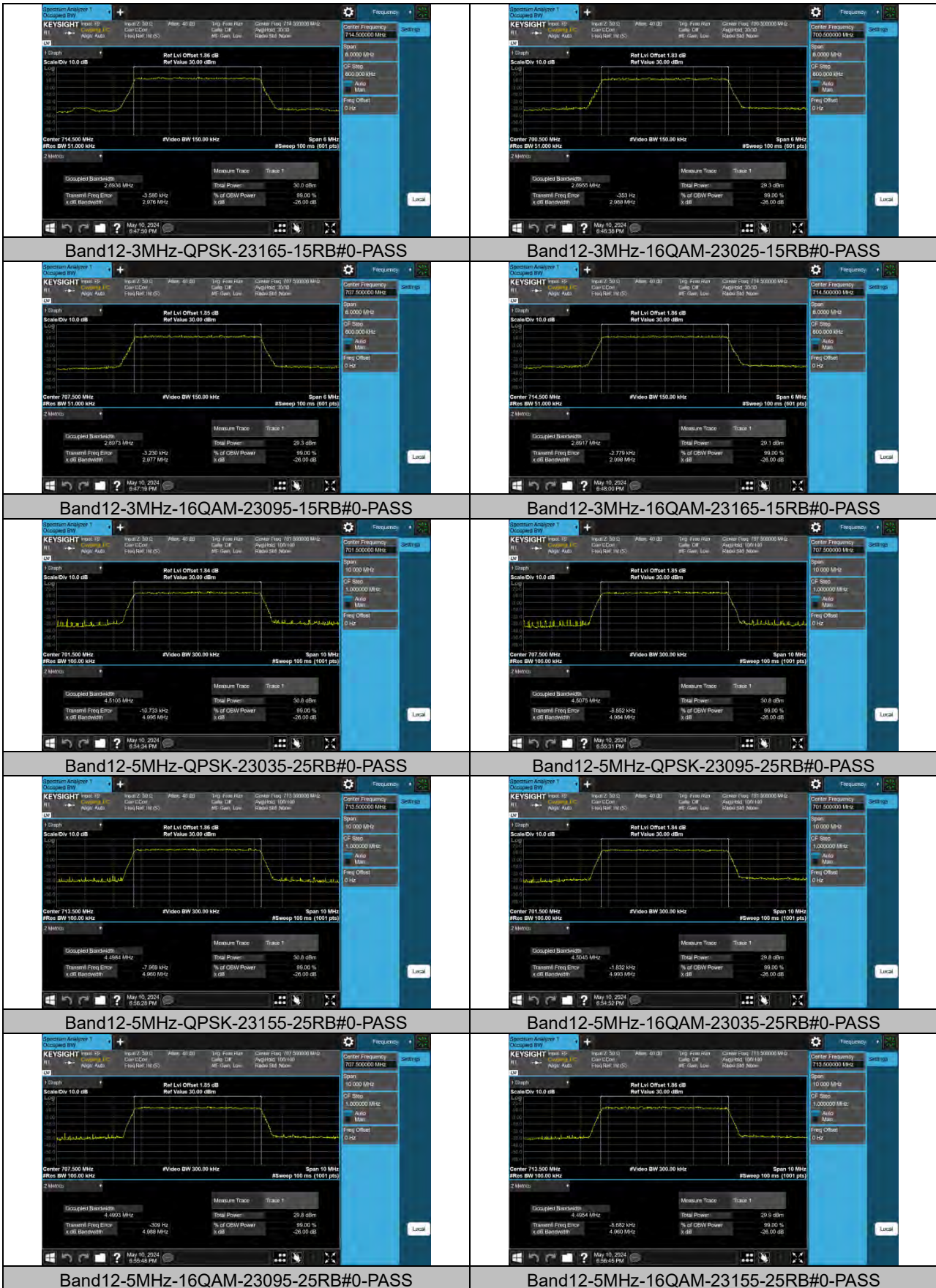
# TEST GRAPHS





BUREAU VERITAS

Reference No.: W7L-240430W002RF04



BV 7Layers Communications Technology (Shenzhen) Co., Ltd

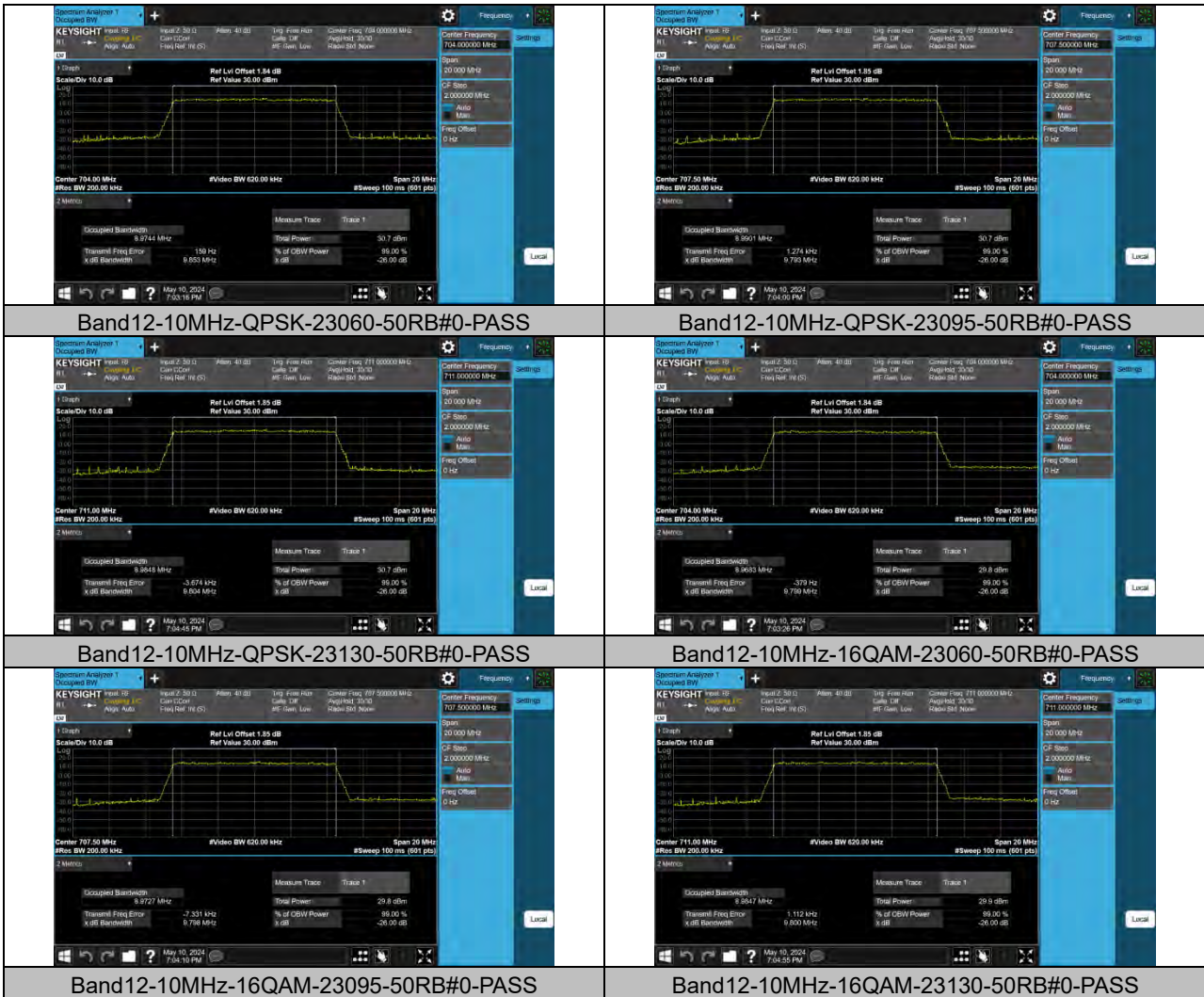
Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566  
Fax: +86 755 8869 6577  
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



BUREAU VERITAS

Reference No.: W7L-240430W002RF04





Reference No.: W7L-240430W002RF04

## BAND EDGE TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-34.85	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-38.49	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-34.56	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-36.39	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-35.38	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-36.19	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-32.88	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-34.48	PASS
Band12	3MHz	QPSK	23025	1RB#0	-25.67	PASS
Band12	3MHz	QPSK	23025	15RB#0	-32.11	PASS
Band12	3MHz	QPSK	23165	1RB#14	-22.95	PASS
Band12	3MHz	QPSK	23165	15RB#0	-31.72	PASS
Band12	3MHz	16QAM	23025	1RB#0	-27.12	PASS
Band12	3MHz	16QAM	23025	15RB#0	-33.11	PASS
Band12	3MHz	16QAM	23165	1RB#14	-26.43	PASS
Band12	3MHz	16QAM	23165	15RB#0	-32.19	PASS
Band12	5MHz	QPSK	23035	1RB#0	-30.98	PASS
Band12	5MHz	QPSK	23035	25RB#0	-37.09	PASS
Band12	5MHz	QPSK	23155	1RB#24	-27.82	PASS
Band12	5MHz	QPSK	23155	25RB#0	-37.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	-32.39	PASS
Band12	5MHz	16QAM	23035	25RB#0	-38.86	PASS
Band12	5MHz	16QAM	23155	1RB#24	-30.34	PASS
Band12	5MHz	16QAM	23155	25RB#0	-37.68	PASS
Band12	10MHz	QPSK	23060	1RB#0	-43.56	PASS
Band12	10MHz	QPSK	23060	50RB#0	-40.36	PASS
Band12	10MHz	QPSK	23130	1RB#49	-42.37	PASS
Band12	10MHz	QPSK	23130	50RB#0	-41.00	PASS
Band12	10MHz	16QAM	23060	1RB#0	-45.70	PASS
Band12	10MHz	16QAM	23060	50RB#0	-40.03	PASS
Band12	10MHz	16QAM	23130	1RB#49	-45.08	PASS
Band12	10MHz	16QAM	23130	50RB#0	-40.11	PASS

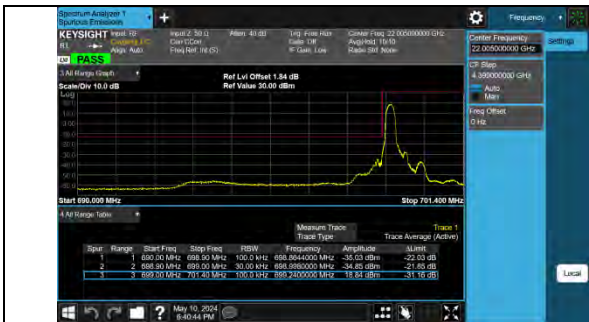




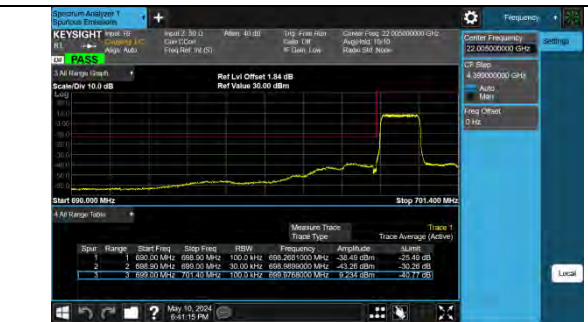
BUREAU VERITAS

Reference No.: W7L-240430W002RF04

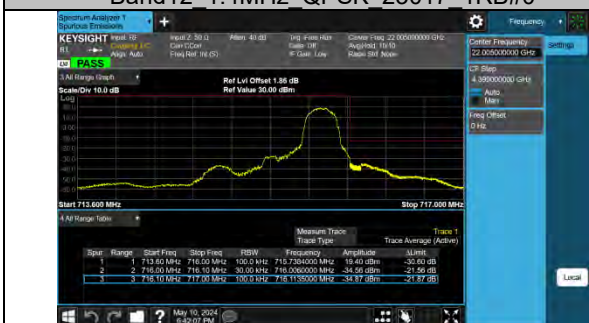
# TEST GRAPHS



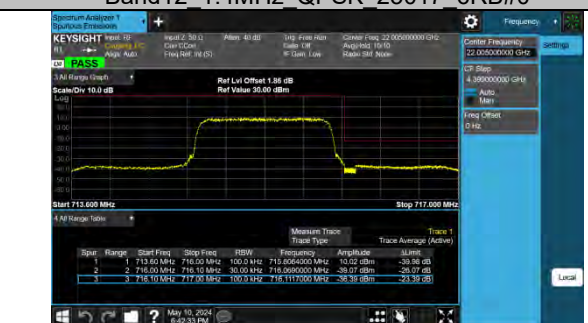
Band12 1.4MHz QPSK 23017 1RB#0



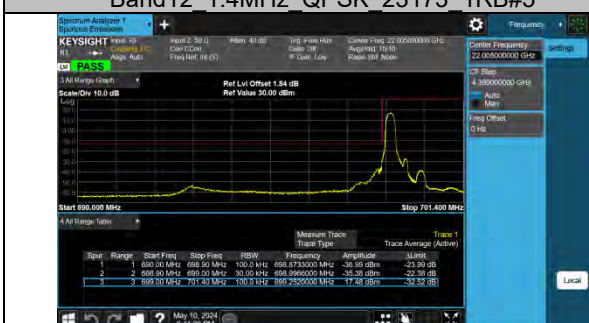
Band12 1.4MHz QPSK 23017 6RB#0



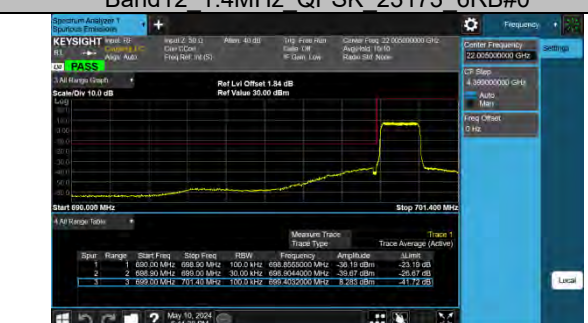
Band12 1.4MHz QPSK 23173 1RB#5



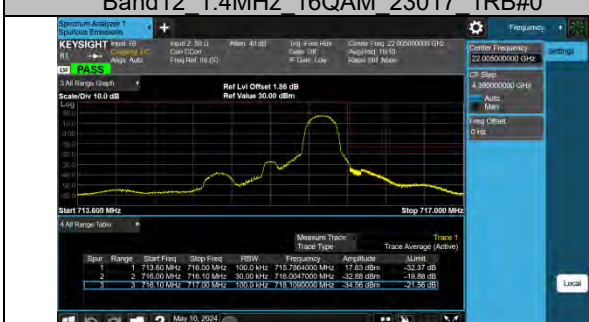
Band12 1.4MHz QPSK 23173 6RB#0



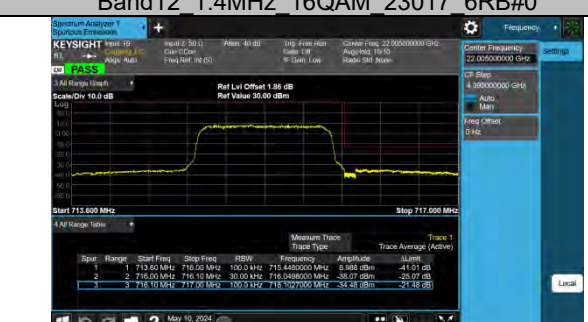
Band12 1.4MHz 16QAM 23017 1RB#0



Band12 1.4MHz 16QAM 23017 6RB#0



Band12 1.4MHz 16QAM 23173 1RB#5



Band12 1.4MHz 16QAM 23173 6RB#0



BUREAU VERITAS

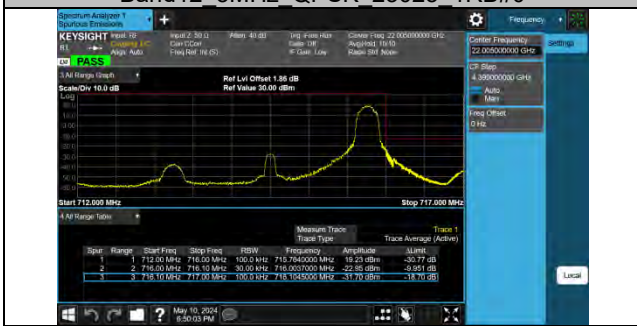
Reference No.: W7L-240430W002RF04



Band12 3MHz QPSK 23025 1RB#0



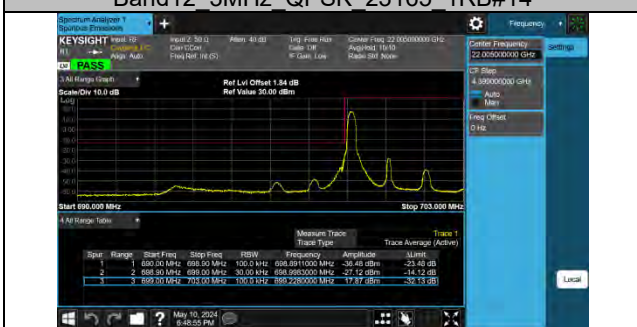
Band12 3MHz QPSK 23025 15RB#0



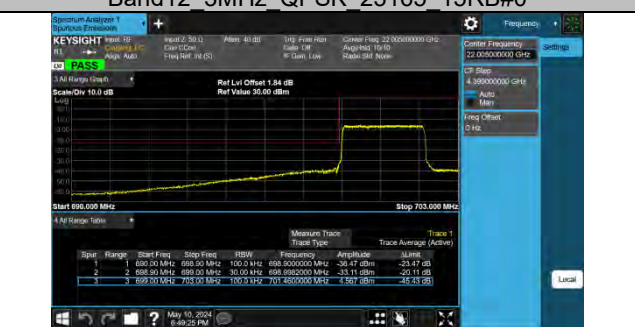
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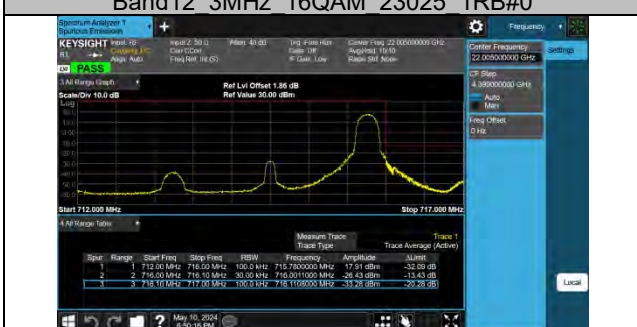
Band12 3MHz QPSK 23025 15RB#0



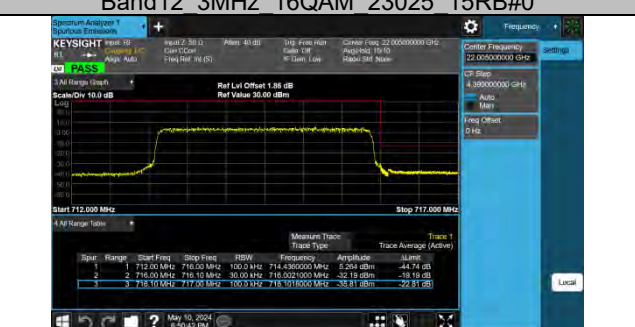
Band12 3MHz QPSK 23165 1RB#14



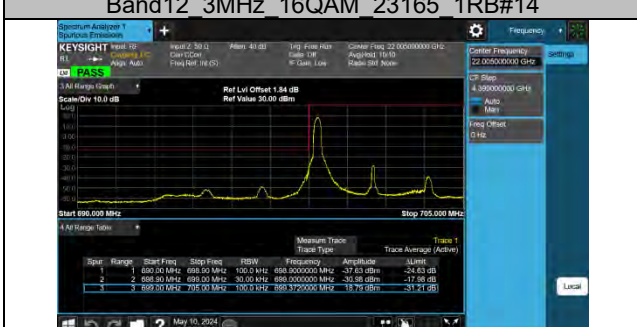
Band12 3MHz QPSK 23165 15RB#0



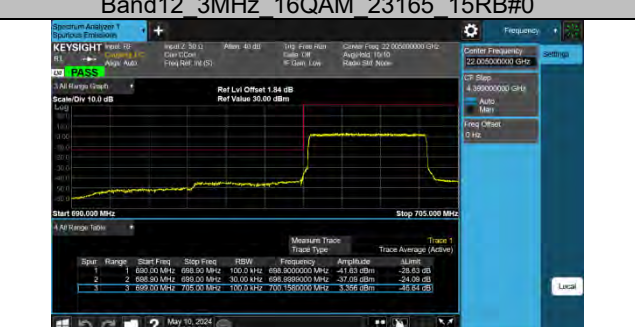
Band12 3MHz 16QAM 23025 1RB#0



Band12 3MHz 16QAM 23025 15RB#0



Band12 3MHz 16QAM 23165 1RB#14



Band12 3MHz 16QAM 23165 15RB#0



Band12 5MHz QPSK 23035 1RB#0

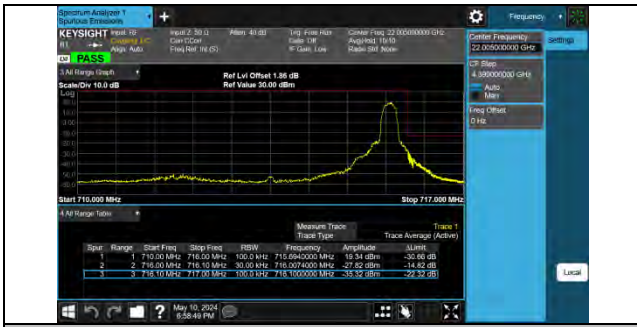


Band12 5MHz QPSK 23035 25RB#0



Reference No.: W7L-240430W002RF04

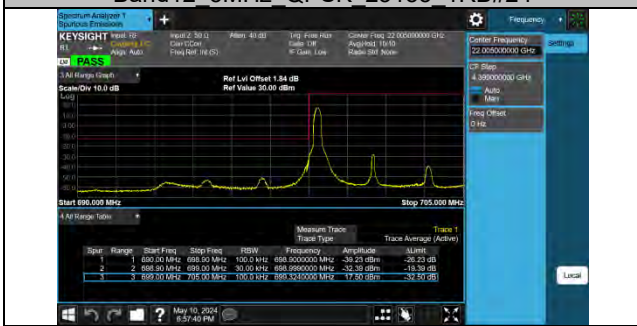
BUREAU VERITAS



Band12 5MHz QPSK 23155 1RB#24



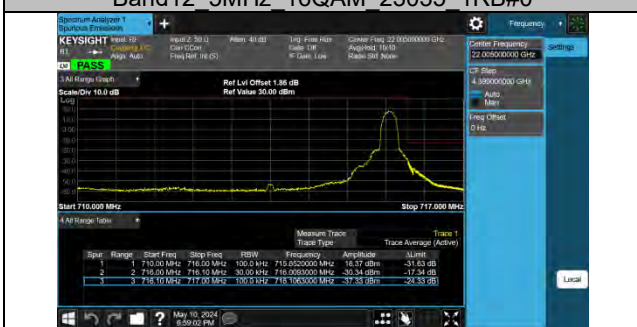
Band12 5MHz QPSK 23155 25RB#0



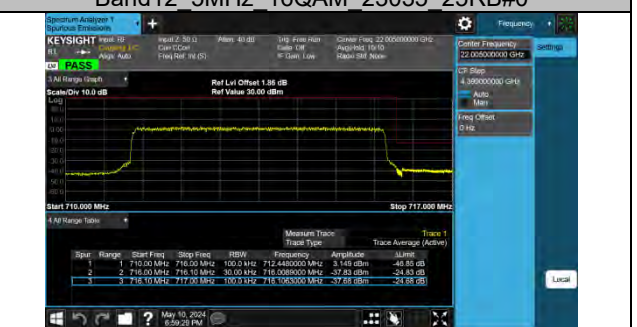
Band12 5MHz QPSK 23155 25RB#0



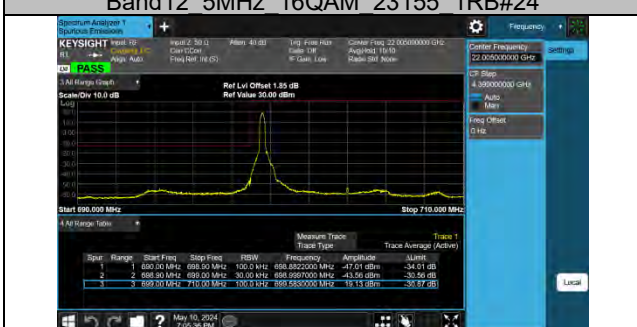
Band12 5MHz 16QAM 23035 1RB#0



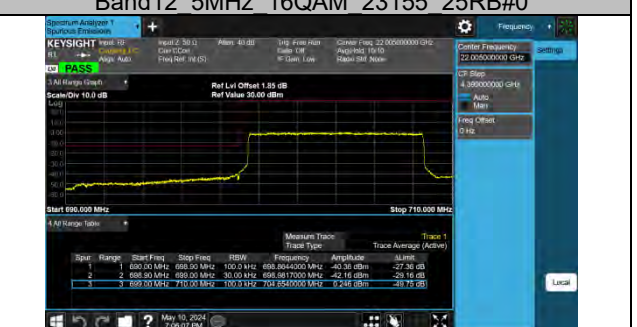
Band12 5MHz 16QAM 23035 25RB#0



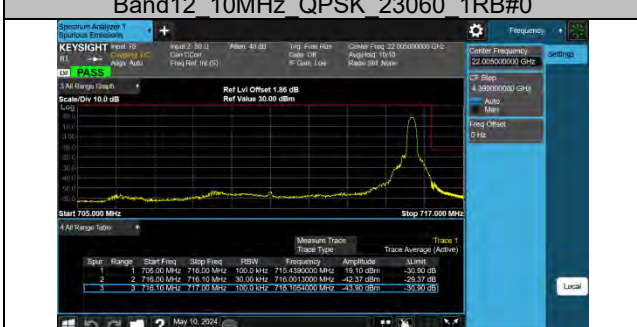
Band12 5MHz 16QAM 23155 1RB#24



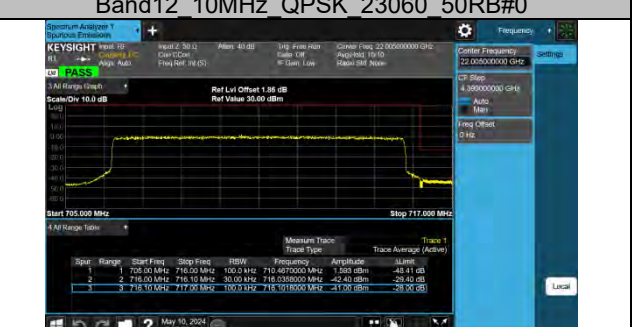
Band12 5MHz 16QAM 23155 25RB#0



Band12 10MHz QPSK 23060 1RB#0



Band12 10MHz QPSK 23060 50RB#0



Band12 10MHz QPSK 23130 1RB#49



Band12 10MHz QPSK 23130 50RB#0



BUREAU VERITAS

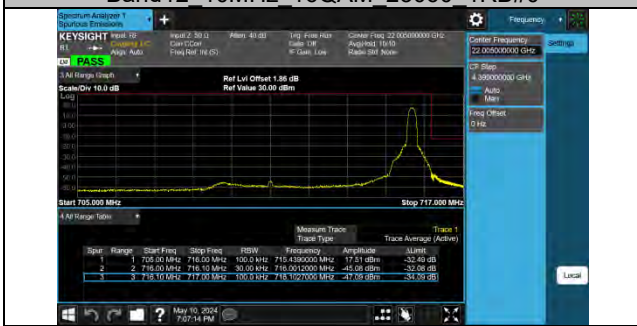
Reference No.: W7L-240430W002RF04



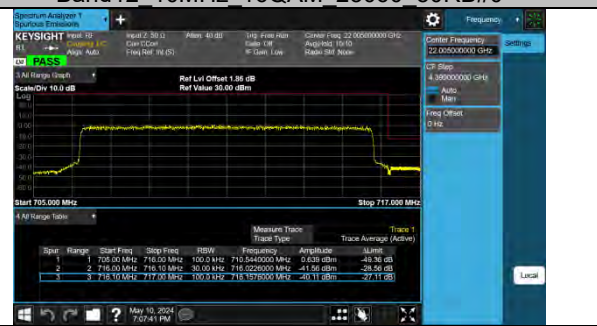
Band12\_10MHz\_16QAM\_23060\_1RB#0



Band12\_10MHz\_16QAM\_23060\_50RB#0



Band12\_10MHz\_16QAM\_23130\_1RB#49



Band12\_10MHz\_16QAM\_23130\_50RB#0



## CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-52.98	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~10000	-38.41	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-53.39	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~10000	-38.00	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-53.02	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~10000	-38.53	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-56.26	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~10000	-38.84	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-58.05	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~10000	-37.74	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-58.39	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~10000	-37.93	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-58.67	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~10000	-38.78	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-58.53	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~10000	-38.66	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-58.33	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~10000	-38.41	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-58.49	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~10000	-38.19	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-58.55	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~10000	-38.47	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-58.70	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~10000	-38.65	PASS



Reference No.: W7L-240430W002RF04

BUREAU VERITAS

### TEST GRAPHS



Band12\_1.4MHz\_QPSK\_23017\_1RB#0\_30~1000\_30



Band12\_1.4MHz\_QPSK\_23017\_1RB#0\_1000~10000\_1000



Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_30~1000\_30



Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_1000~10000\_1000



Band12\_1.4MHz\_QPSK\_23173\_1RB#0\_30~1000\_30



Band12\_1.4MHz\_QPSK\_23173\_1RB#0\_1000~10000\_1000



Band12\_3MHz\_QPSK\_23025\_1RB#0\_30~1000\_30

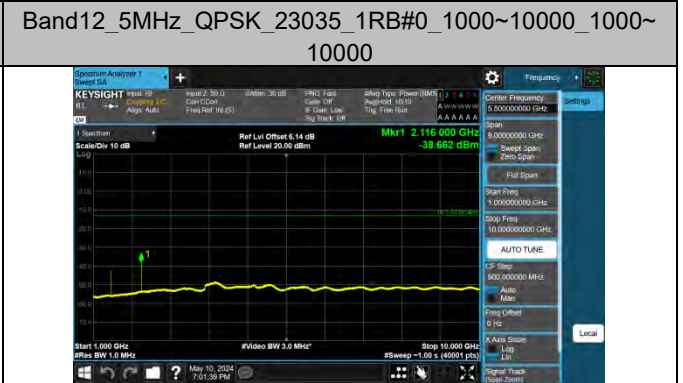
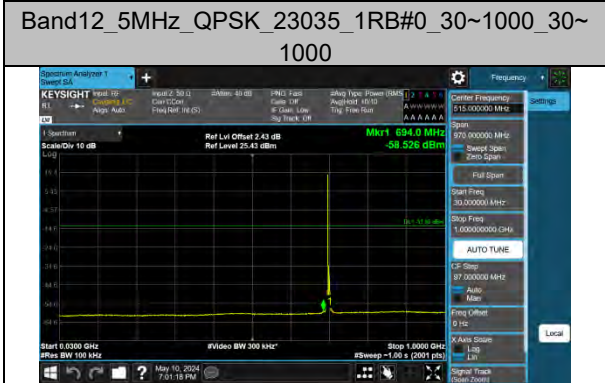
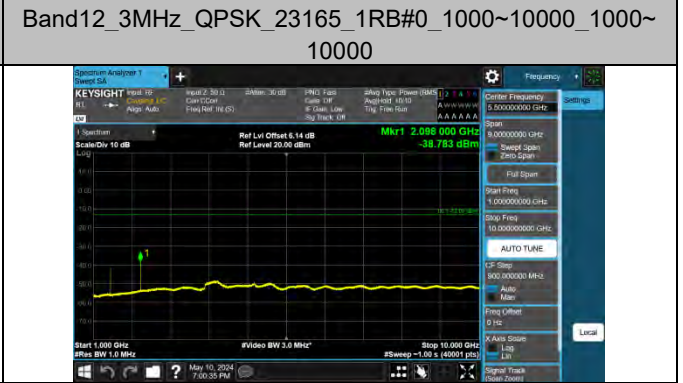
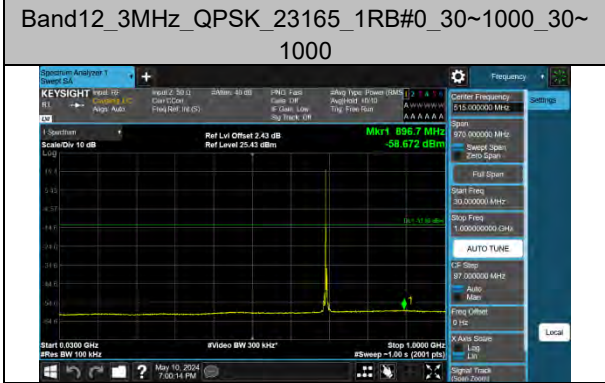
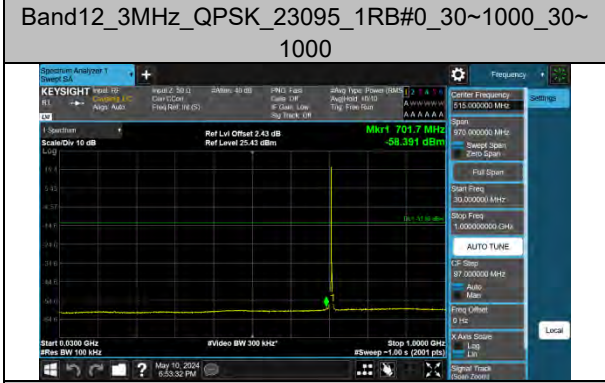
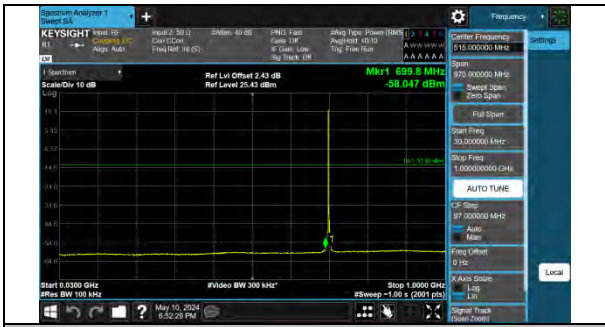


Band12\_3MHz\_QPSK\_23025\_1RB#0\_1000~10000\_1000



BUREAU VERITAS

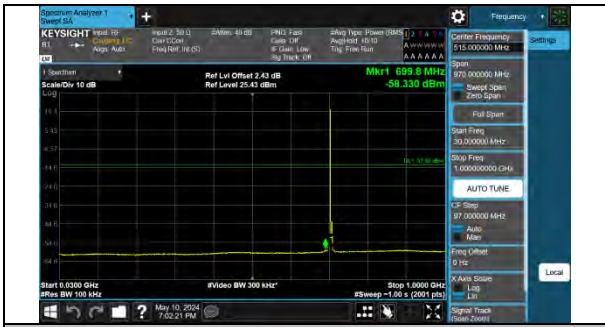
Reference No.: W7L-240430W002RF04





BUREAU VERITAS

Reference No.: W7L-240430W002RF04



Band12\_5MHz\_QPSK\_23155\_1RB#0\_30~1000\_30~1000



Band12\_5MHz\_QPSK\_23155\_1RB#0\_1000~10000\_1000~10000



Band12\_10MHz\_QPSK\_23060\_1RB#0\_30~1000\_30~1000



Band12\_10MHz\_QPSK\_23060\_1RB#0\_1000~10000\_1000~10000



Band12\_10MHz\_QPSK\_23095\_1RB#0\_30~1000\_30~1000



Band12\_10MHz\_QPSK\_23095\_1RB#0\_1000~10000\_1000~10000



Band12\_10MHz\_QPSK\_23130\_1RB#0\_30~1000\_30~1000



Band12\_10MHz\_QPSK\_23130\_1RB#0\_1000~10000\_1000~10000





BUREAU  
VERITAS

Reference No.: W7L-240430W002RF04

## FREQUENCY STABILITY TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band1 2	10MHz z	QPSK	23060	50RB #0	VN	NT	925.8 8	1.32	699.5 3427	---	699-7 16	PASS
Band1 2	10MHz z	QPSK	23060	50RB #0	VL	NT	829.6 0	1.18	699.5 3543	---	699-7 16	PASS
Band1 2	10MHz z	QPSK	23060	50RB #0	VH	NT	725.3 0	1.03	699.5 298	---	699-7 16	PASS
Band1 2	10MHz z	QPSK	23130	50RB #0	VN	NT	887.5 1	1.25	---	715.4 595	699-7 16	PASS
Band1 2	10MHz z	QPSK	23130	50RB #0	VL	NT	715.7 7	1.01	---	715.4 5637	699-7 16	PASS
Band1 2	10MHz z	QPSK	23130	50RB #0	VH	NT	442.6 5	0.62	---	715.4 6713	699-7 16	PASS



Reference No.: W7L-240430W002RF04

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band1 2	10MHz	QPSK	23060	50RB #0	NV	-30	935.4 4	1.33	699.5 2988	---	699-7 16	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	-20	872.8 9	1.24	699.5 303	---	699-7 16	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	-10	810.4 3	1.15	699.5 333	---	699-7 16	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	0	730.5 8	1.04	699.5 4191	---	699-7 16	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	10	747.7 0	1.06	699.5 3214	---	699-7 16	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	20	647.5 0	0.92	699.5 321	---	699-7 16	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	30	639.3 7	0.91	699.5 3201	---	699-7 16	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	40	611.88	0.87	699.5 3286	---	699-7 16	PASS
Band1 2	10MHz	QPSK	23060	50RB #0	NV	50	526.8 9	0.75	699.5 4315	---	699-7 16	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	-30	867.5 7	1.22	---	715.4 629	699-7 16	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	-20	620.6 8	0.87	---	715.4 6819	699-7 16	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	-10	480.1 6	0.68	---	715.4 6539	699-7 16	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	0	497.4 8	0.70	---	715.4 6692	699-7 16	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	10	303.7 6	0.43	---	715.4 6982	699-7 16	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	20	115.98	0.16	---	715.4 6166	699-7 16	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	30	-171.5 4	-0.24	---	715.4 6379	699-7 16	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	40	-400.4 6	-0.56	---	715.4 6711	699-7 16	PASS
Band1 2	10MHz	QPSK	23130	50RB #0	NV	50	-400.4 6	-0.56	---	715.4 6715	699-7 16	PASS



Reference No.: W7L-240430W002RF04

## LTE BAND13

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

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	10MHz	QPSK	23230	1RB#0	3.73	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.33	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	4.80	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.29	13	PASS