

APPENDIX D

LTE BAND7

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

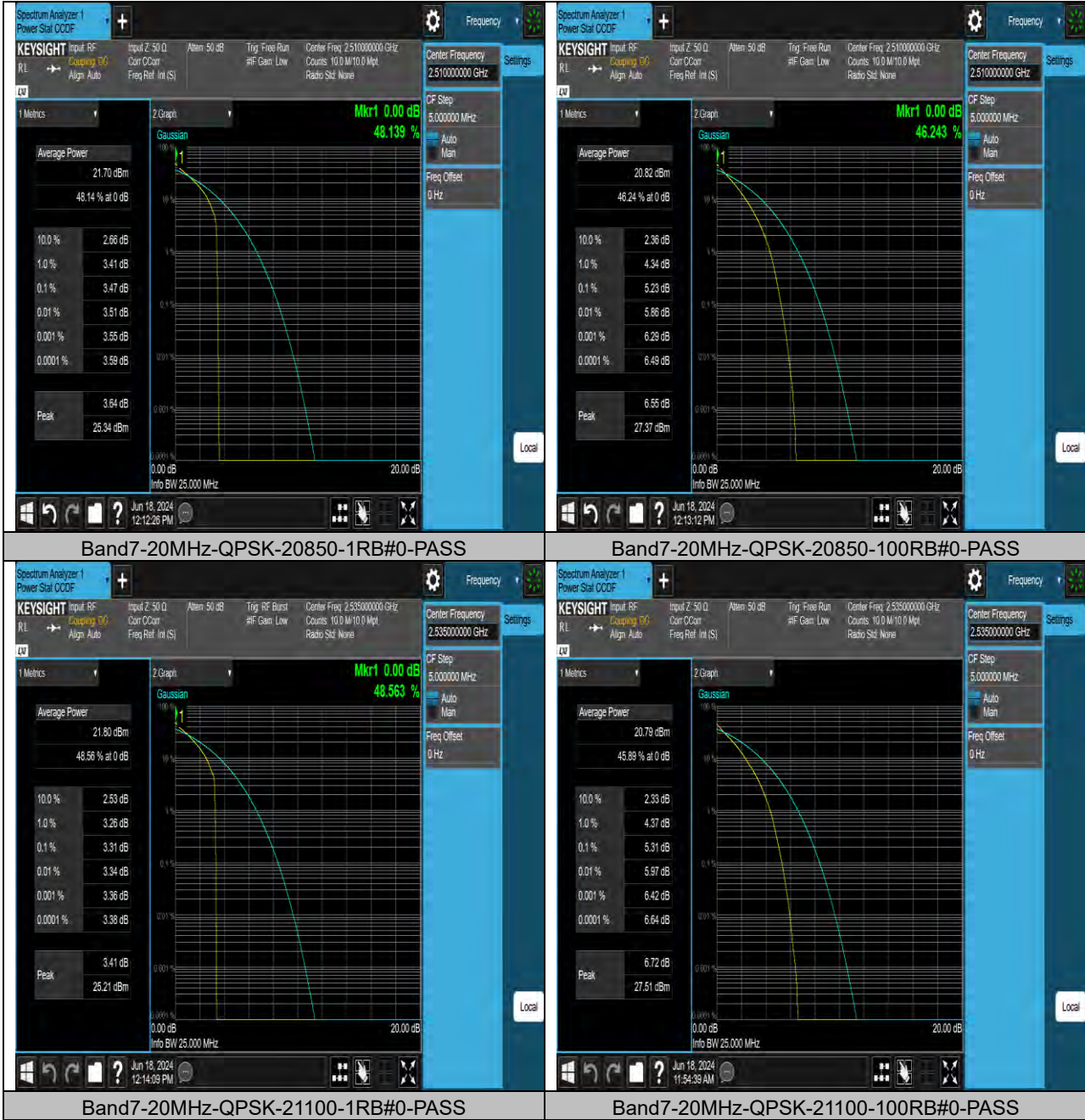
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	1RB#0	3.47	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.23	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	3.31	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.31	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.54	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.27	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.41	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.04	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.38	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.04	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.48	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.03	13	PASS



BUREAU VERITAS

Reference No.: W7L-240430W002RF04

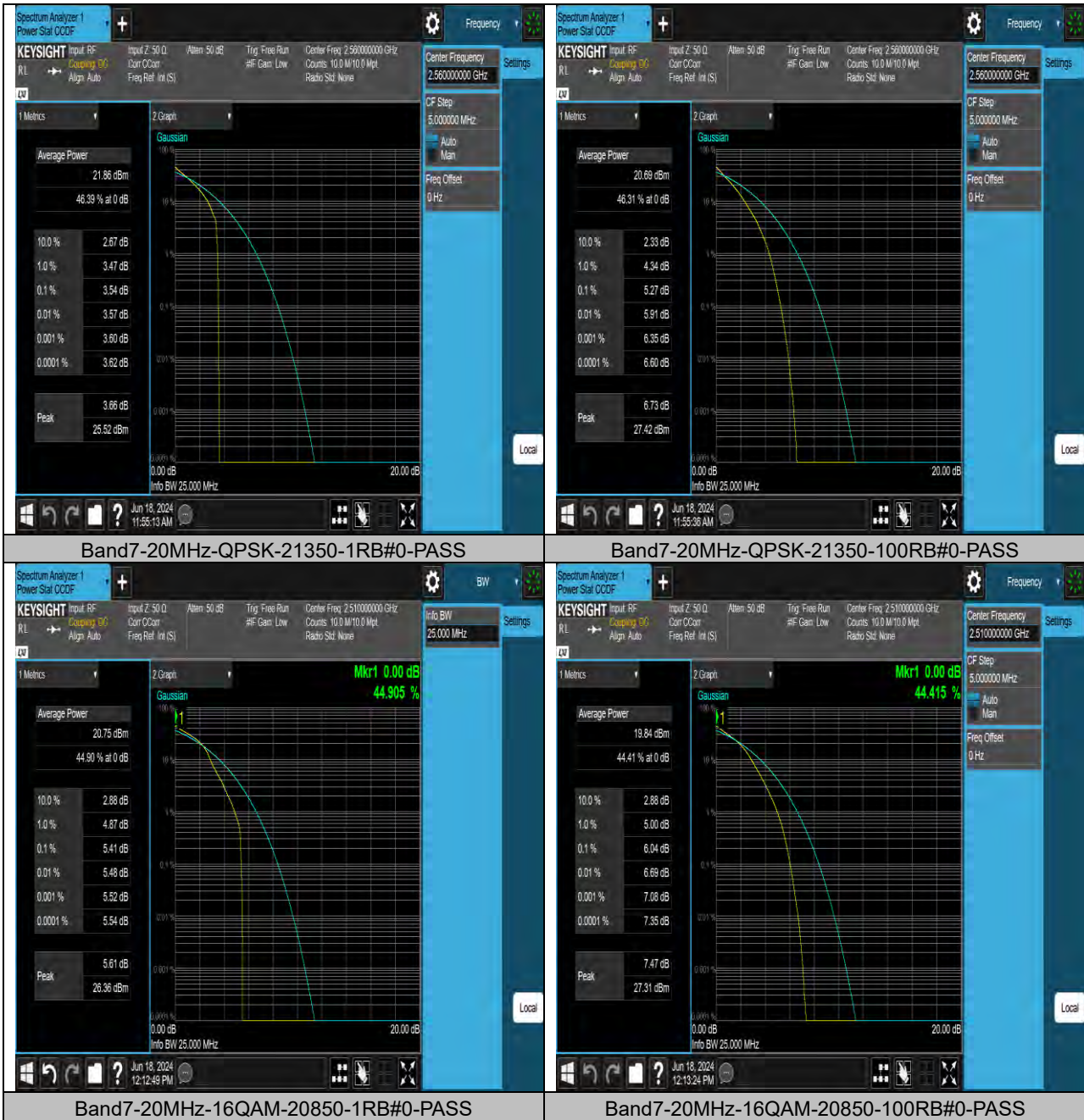
TEST GRAPHS





Reference No.: W7L-240430W002RF04

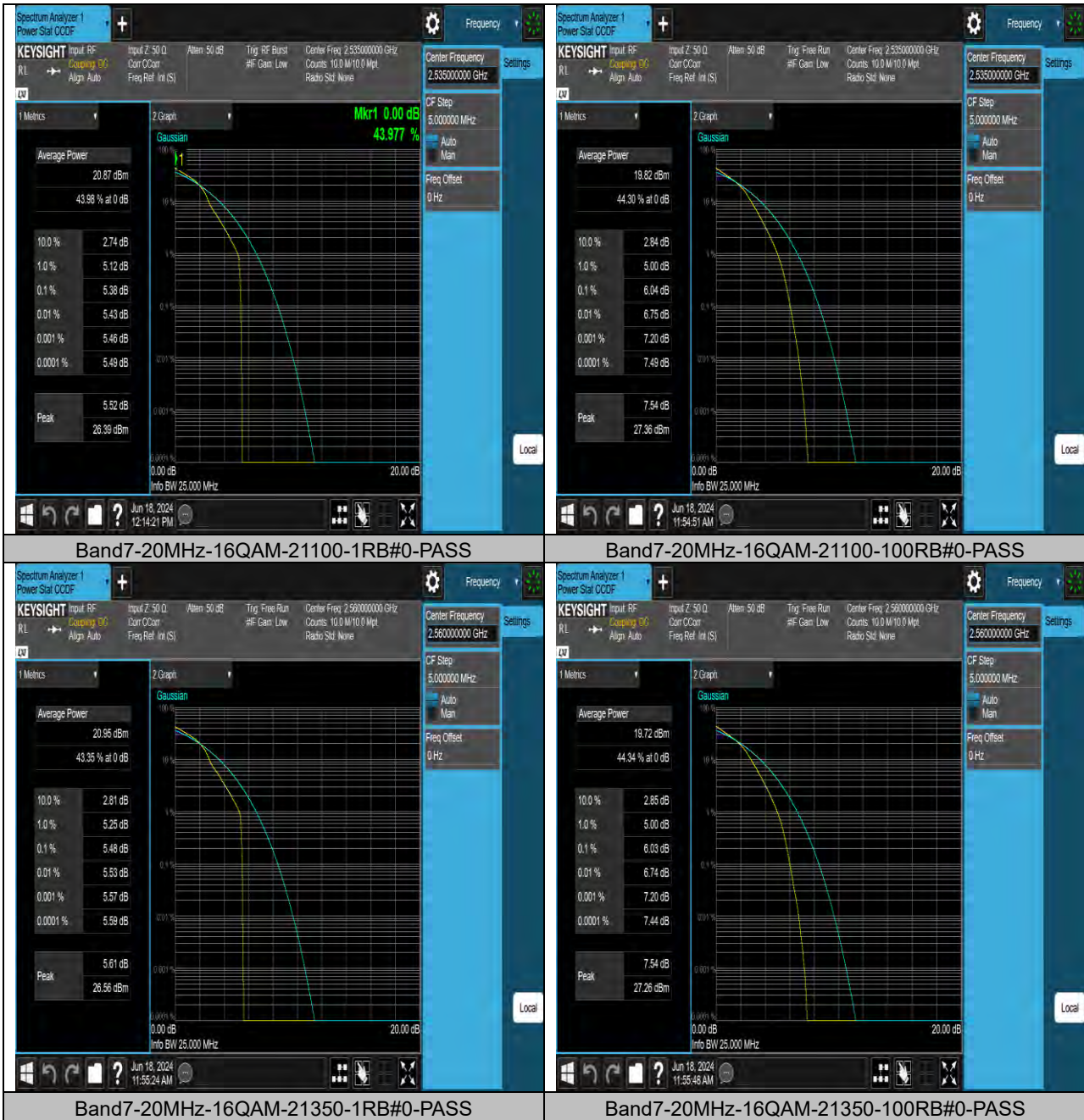
BUREAU VERITAS





Reference No.: W7L-240430W002RF04

BUREAU VERITAS



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



Reference No.: W7L-240430W002RF04

26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

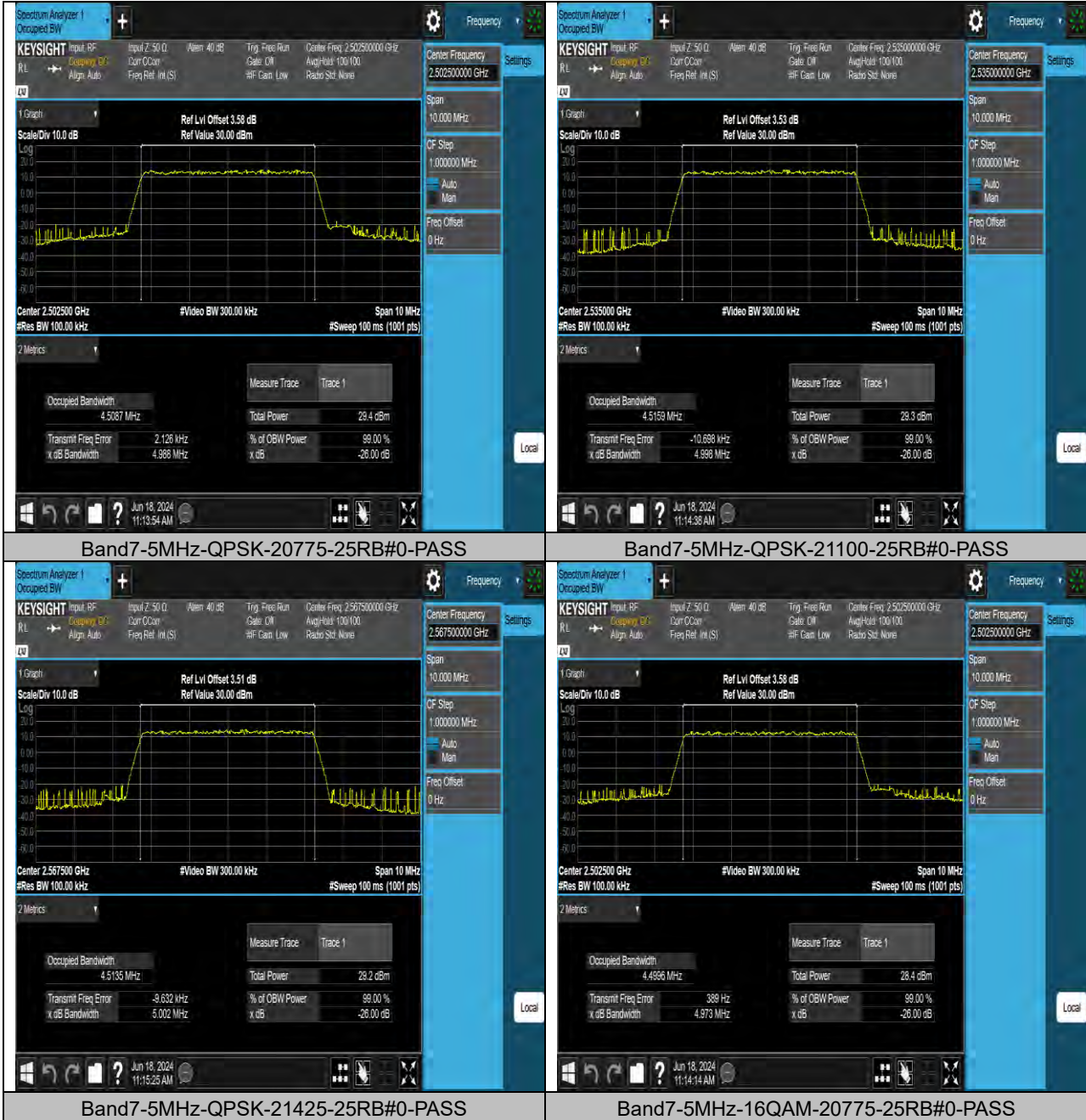
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5087	4.988	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5159	4.998	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5135	5.002	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4996	4.973	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5056	5.012	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5091	5.010	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9680	9.931	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9823	9.853	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9815	9.844	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9872	9.823	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9879	9.806	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9993	9.824	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.495	14.78	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.492	14.76	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.465	14.77	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.480	14.74	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.457	14.75	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.441	14.67	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.997	19.52	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.997	19.51	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.952	19.46	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.926	19.53	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.920	19.54	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.901	19.44	PASS



BUREAU VERITAS

Reference No.: W7L-240430W002RF04

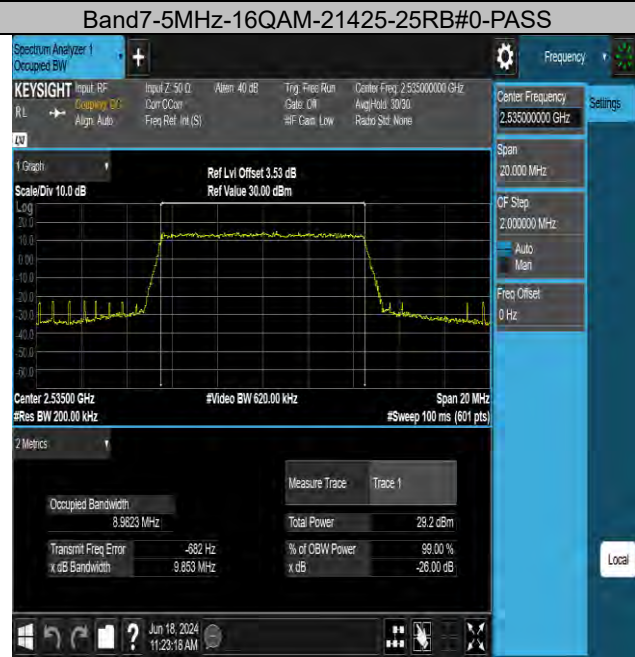
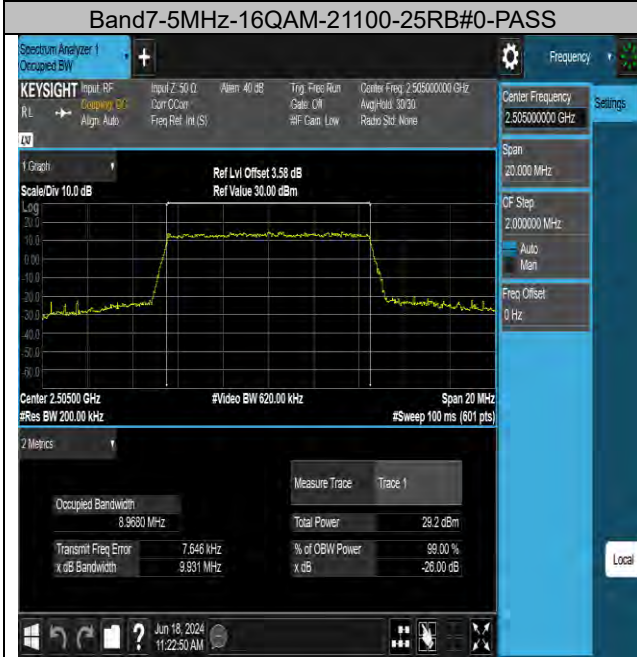
TEST GRAPHS





Reference No.: W7L-240430W002RF04

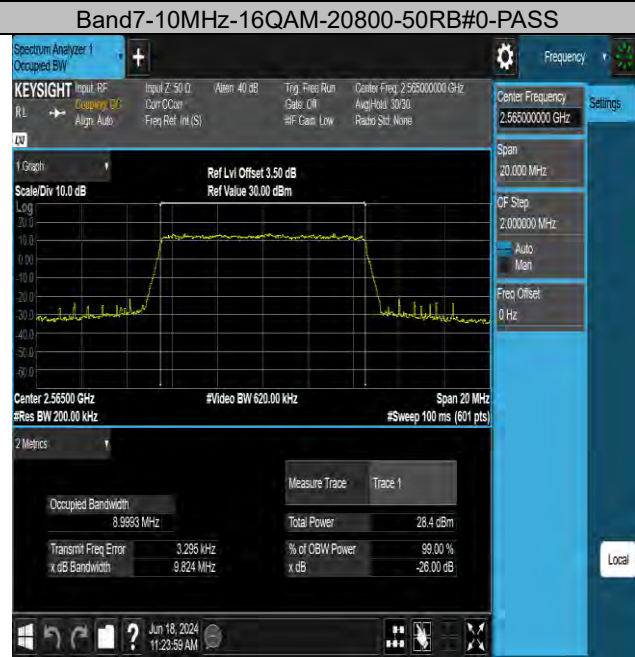
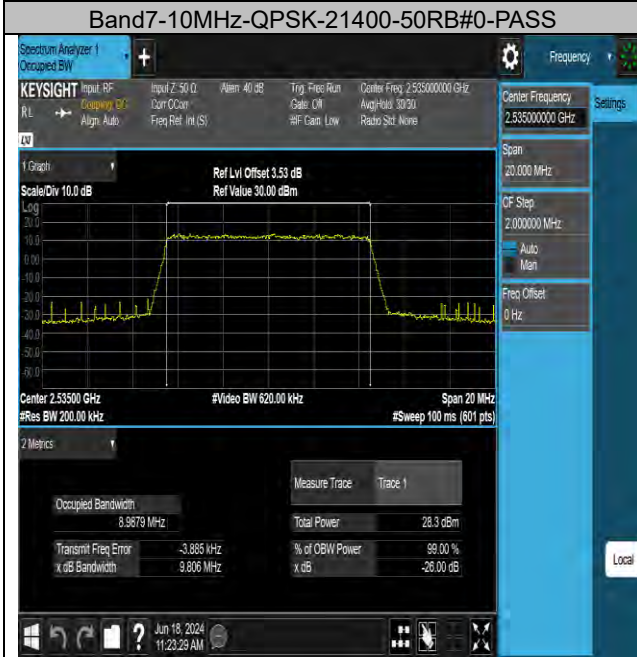
BUREAU VERITAS





Reference No.: W7L-240430W002RF04

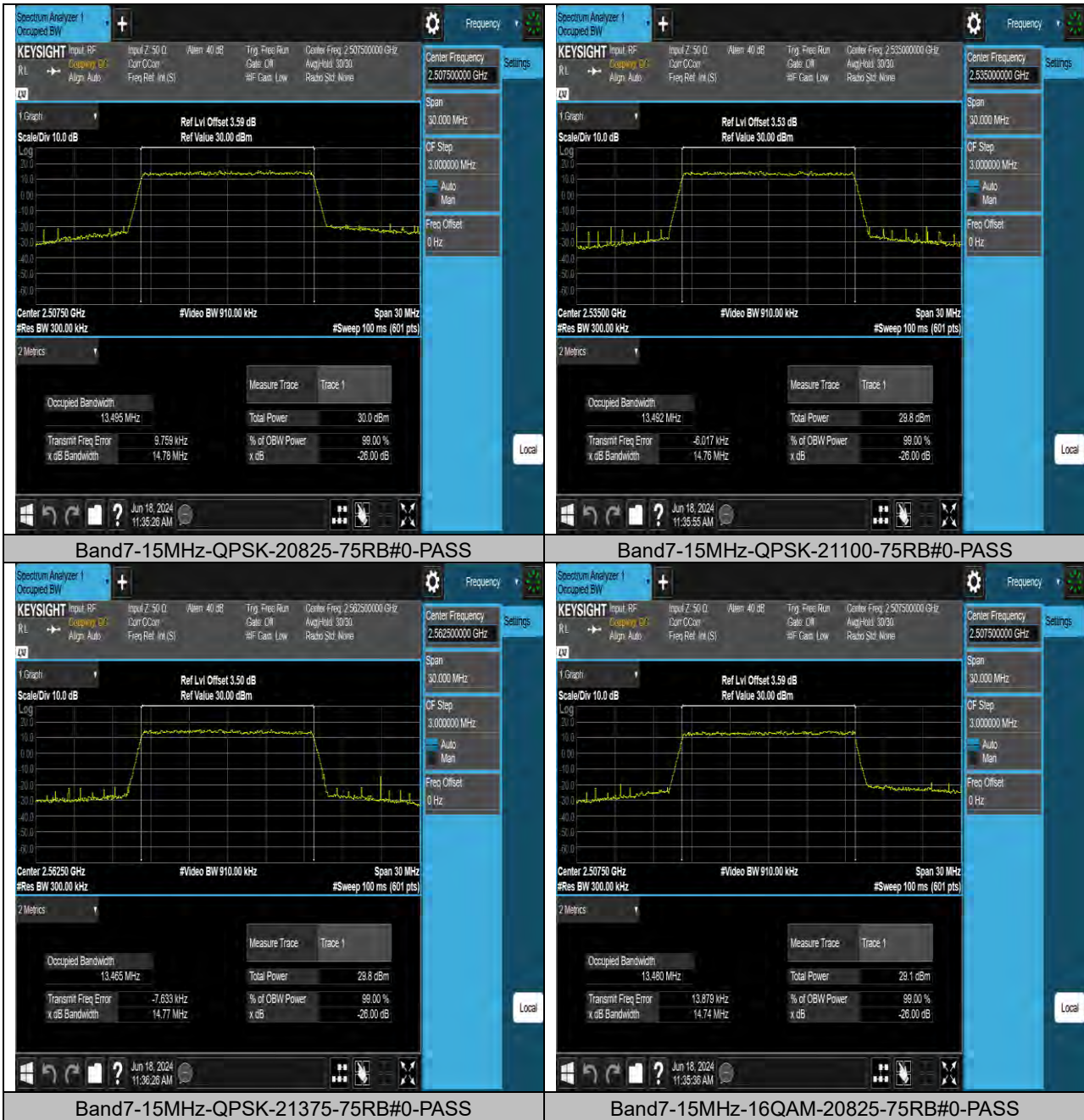
BUREAU VERITAS





BUREAU VERITAS

Reference No.: W7L-240430W002RF04





Reference No.: W7L-240430W002RF04

BUREAU VERITAS



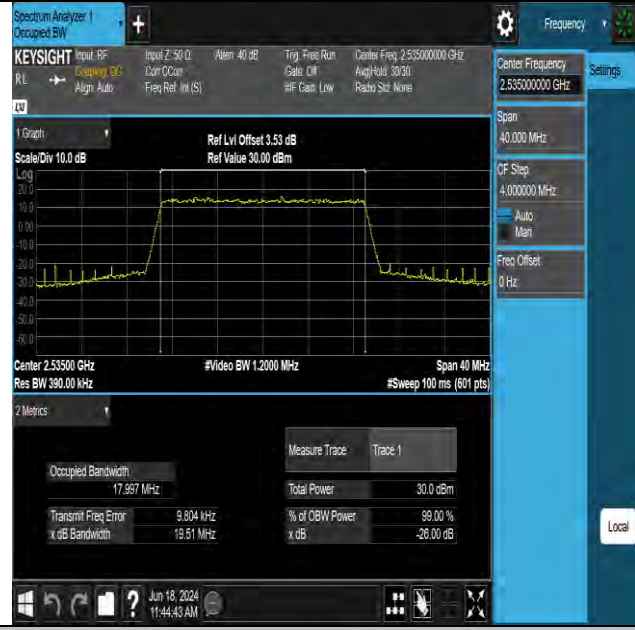
Band7-15MHz-16QAM-21100-75RB#0-PASS



Band7-15MHz-16QAM-21375-75RB#0-PASS



Band7-20MHz-QPSK-20850-100RB#0-PASS



Band7-20MHz-QPSK-21100-100RB#0-PASS



Reference No.: W7L-240430W002RF04

BUREAU VERITAS



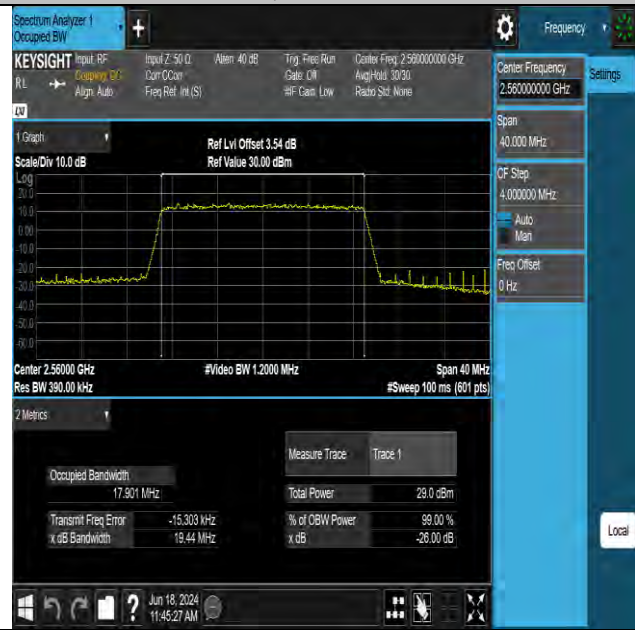
Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-16QAM-21100-100RB#0-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS



Reference No.: W7L-240430W002RF04

BAND EDGE TEST RESULT

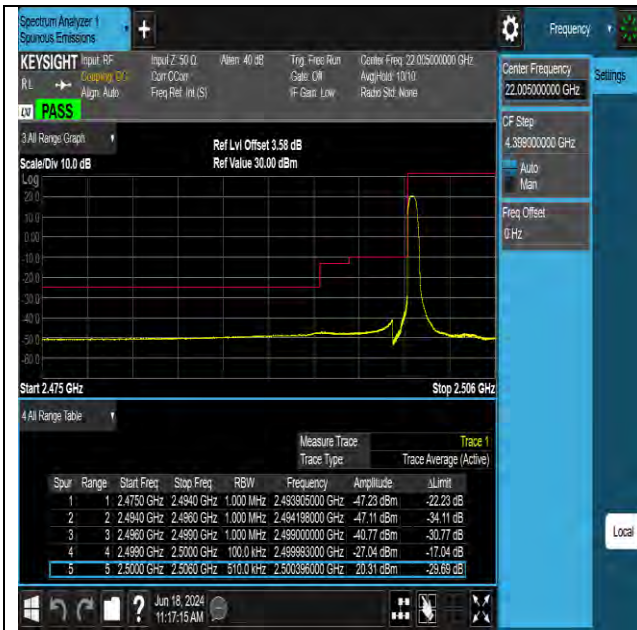
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-27.04	PASS
Band7	5MHz	QPSK	20775	25RB#0	-39.96	PASS
Band7	5MHz	QPSK	21425	1RB#24	-27.78	PASS
Band7	5MHz	QPSK	21425	25RB#0	-40.09	PASS
Band7	5MHz	16QAM	20775	1RB#0	-29.76	PASS
Band7	5MHz	16QAM	20775	25RB#0	-39.89	PASS
Band7	5MHz	16QAM	21425	1RB#24	-29.71	PASS
Band7	5MHz	16QAM	21425	25RB#0	-40.81	PASS
Band7	10MHz	QPSK	20800	1RB#0	-33.49	PASS
Band7	10MHz	QPSK	20800	50RB#0	-41.43	PASS
Band7	10MHz	QPSK	21400	1RB#49	-48.93	PASS
Band7	10MHz	QPSK	21400	50RB#0	-44.13	PASS
Band7	10MHz	16QAM	20800	1RB#0	-48.95	PASS
Band7	10MHz	16QAM	20800	50RB#0	-40.90	PASS
Band7	10MHz	16QAM	21400	1RB#49	-49.15	PASS
Band7	10MHz	16QAM	21400	50RB#0	-44.02	PASS
Band7	15MHz	QPSK	20825	1RB#0	-48.27	PASS
Band7	15MHz	QPSK	20825	75RB#0	-37.79	PASS
Band7	15MHz	QPSK	21375	1RB#74	-49.41	PASS
Band7	15MHz	QPSK	21375	75RB#0	-45.31	PASS
Band7	15MHz	16QAM	20825	1RB#0	-48.55	PASS
Band7	15MHz	16QAM	20825	75RB#0	-38.56	PASS
Band7	15MHz	16QAM	21375	1RB#74	-49.49	PASS
Band7	15MHz	16QAM	21375	75RB#0	-44.98	PASS
Band7	20MHz	QPSK	20850	1RB#0	-47.92	PASS
Band7	20MHz	QPSK	20850	100RB#0	-37.57	PASS
Band7	20MHz	QPSK	21350	1RB#99	-49.47	PASS
Band7	20MHz	QPSK	21350	100RB#0	-47.85	PASS
Band7	20MHz	16QAM	20850	1RB#0	-48.59	PASS
Band7	20MHz	16QAM	20850	100RB#0	-37.20	PASS
Band7	20MHz	16QAM	21350	1RB#99	-49.55	PASS
Band7	20MHz	16QAM	21350	100RB#0	-47.71	PASS



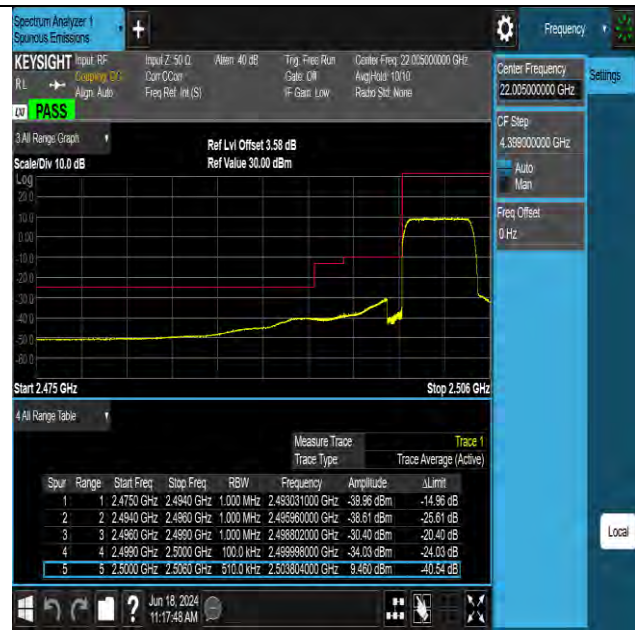
Reference No.: W7L-240430W002RF04

BUREAU VERITAS

TEST GRAPHS



Band7 5MHz QPSK 20775 1RB#0



Band7 5MHz QPSK 20775 25RB#0



Band7 5MHz QPSK 21425 1RB#24

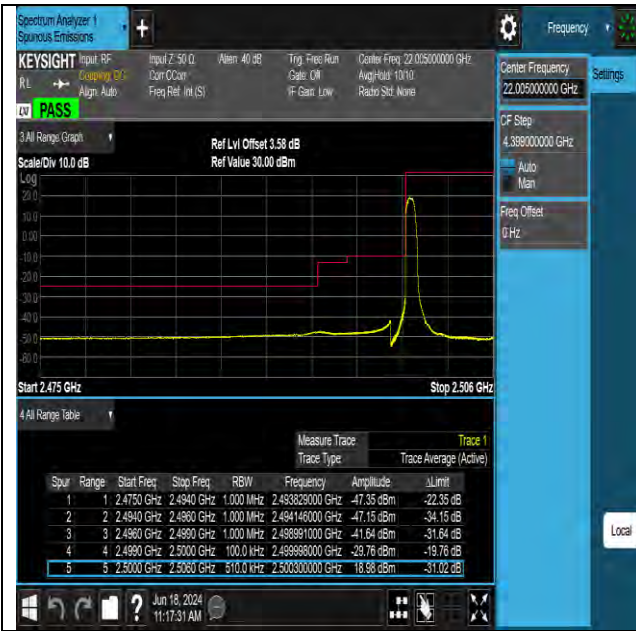


Band7 5MHz QPSK 21425 25RB#0



Reference No.: W7L-240430W002RF04

BUREAU VERITAS



Band7 5MHz 16QAM 20775 1RB#0



Band7 5MHz 16QAM 20775 25RB#0



Band7 5MHz 16QAM 21425 1RB#24



Band7 5MHz 16QAM 21425 25RB#0



Reference No.: W7L-240430W002RF04

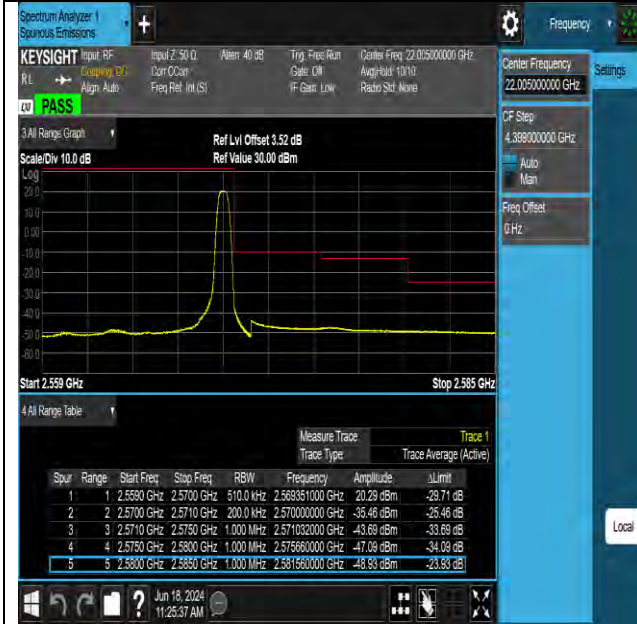
BUREAU VERITAS



Band7 10MHz QPSK 20800 1RB#0



Band7 10MHz QPSK 20800 50RB#0



Band7 10MHz QPSK 21400 1RB#49



Band7 10MHz QPSK 21400 50RB#0



Reference No.: W7L-240430W002RF04

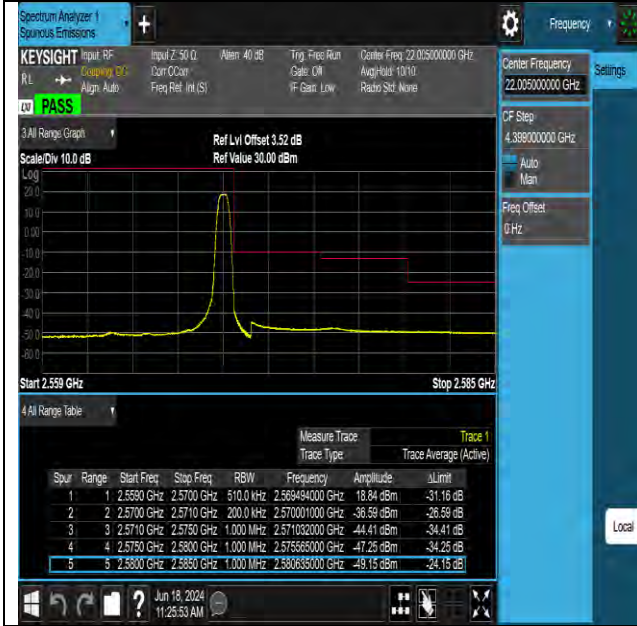
BUREAU VERITAS



Band7 10MHz 16QAM 20800 1RB#0



Band7 10MHz 16QAM 20800 50RB#0



Band7 10MHz 16QAM 21400 1RB#49

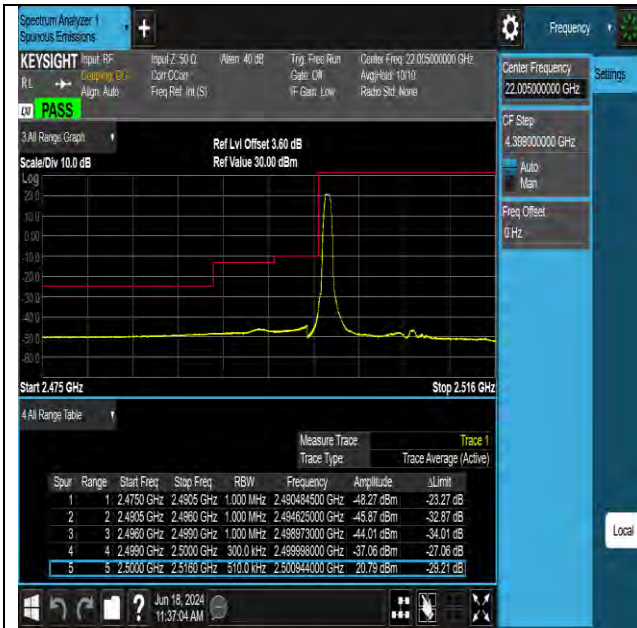


Band7 10MHz 16QAM 21400 50RB#0



Reference No.: W7L-240430W002RF04

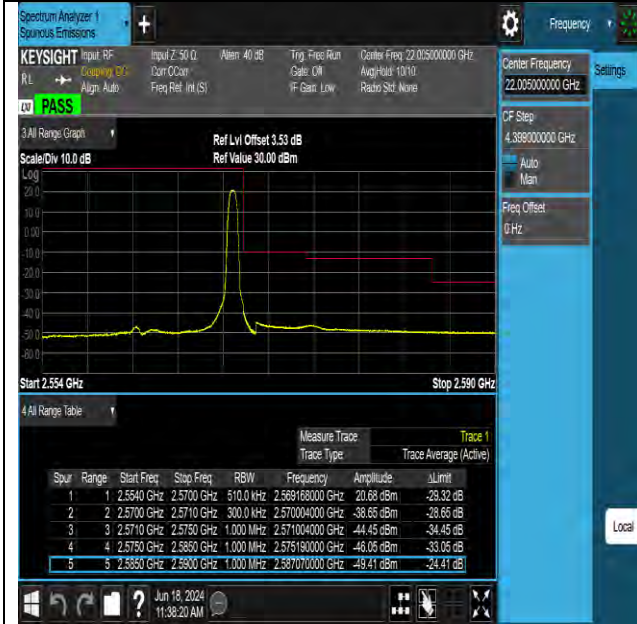
BUREAU VERITAS



Band7 15MHz QPSK 20825 1RB#0



Band7 15MHz QPSK 20825 75RB#0



Band7 15MHz QPSK 21375 1RB#74

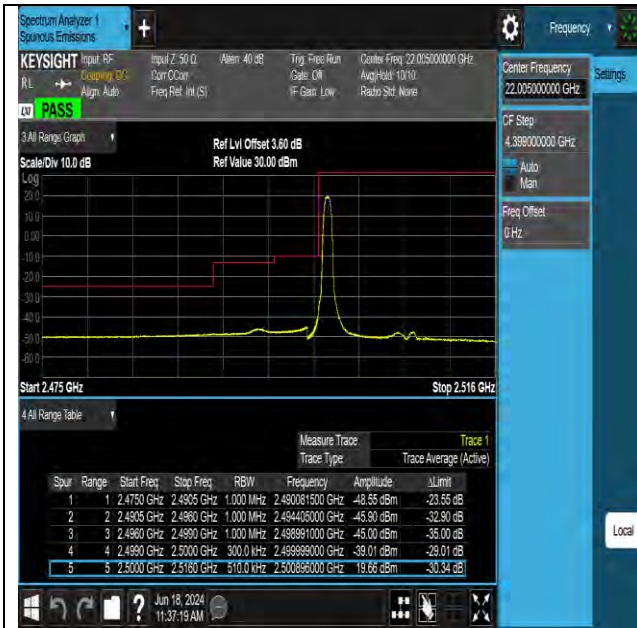


Band7 15MHz QPSK 21375 75RB#0



Reference No.: W7L-240430W002RF04

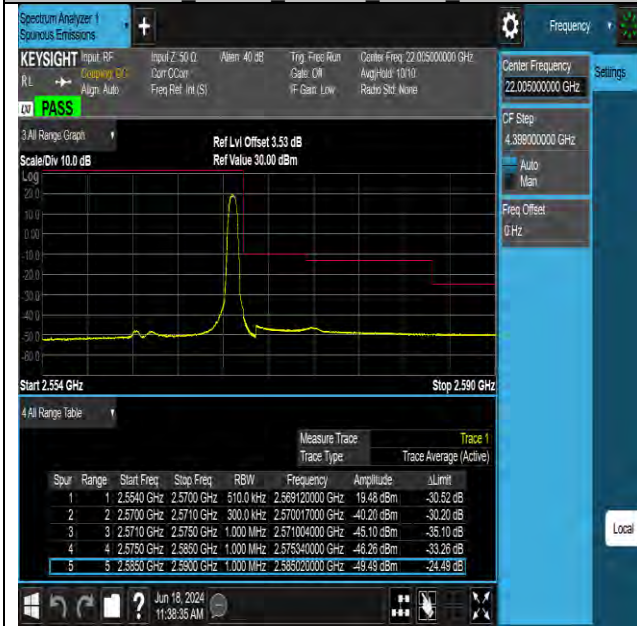
BUREAU VERITAS



Band7 15MHz 16QAM 20825 1RB#0



Band7 15MHz 16QAM 20825 75RB#0



Band7 15MHz 16QAM 21375 1RB#74

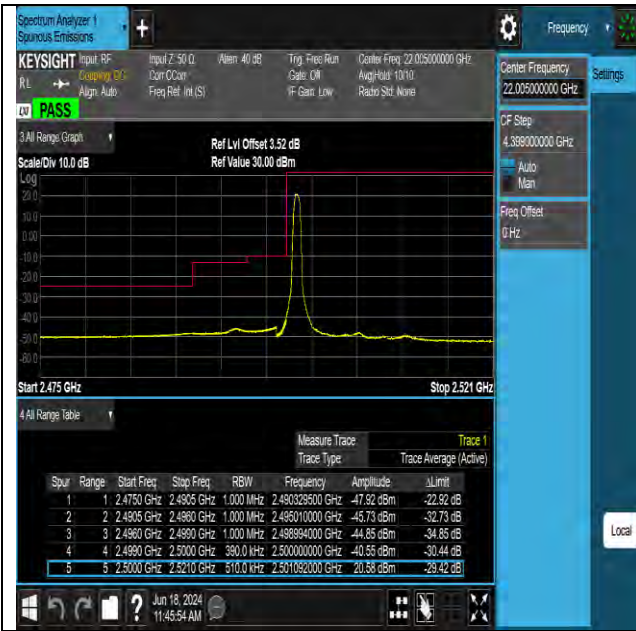


Band7 15MHz 16QAM 21375 75RB#0



Reference No.: W7L-240430W002RF04

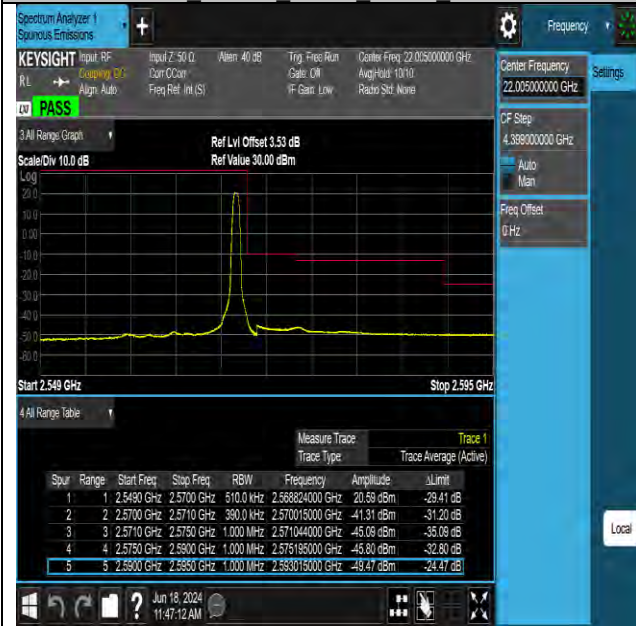
BUREAU VERITAS



Band7 20MHz QPSK 20850 1RB#0



Band7 20MHz QPSK 20850 100RB#0



Band7 20MHz QPSK 21350 1RB#99

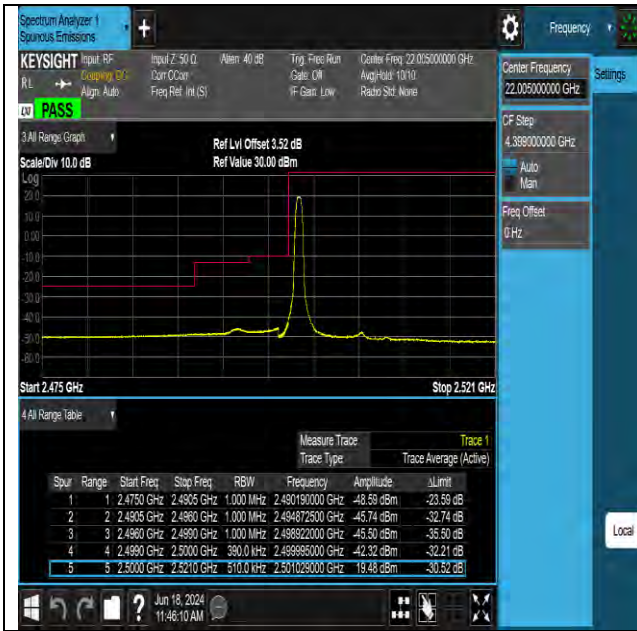


Band7 20MHz QPSK 21350 100RB#0



Reference No.: W7L-240430W002RF04

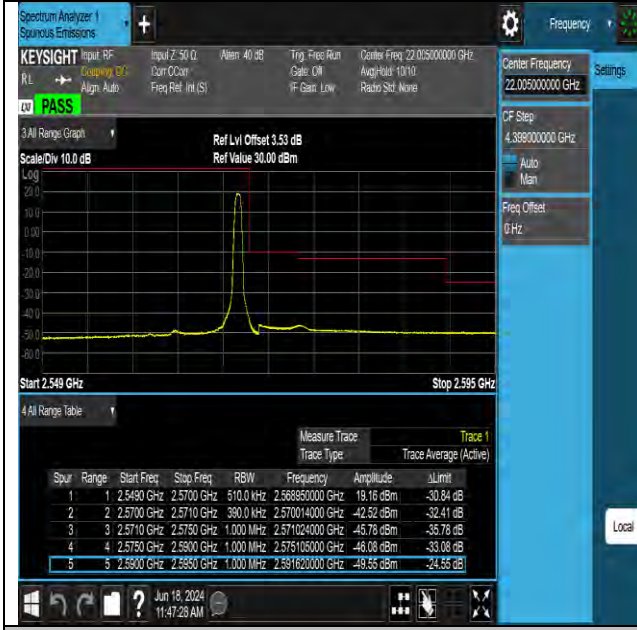
BUREAU VERITAS



Band7 20MHz 16QAM 20850 1RB#0



Band7 20MHz 16QAM 20850 100RB#0



Band7 20MHz 16QAM 21350 1RB#99



Band7 20MHz 16QAM 21350 100RB#0



Reference No.: W7L-240430W002RF04

CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-59.60	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~10000	-48.31	PASS
Band7	5MHz	QPSK	20775	1RB#0	10000~20000	-57.49	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	-55.57	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-59.45	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~10000	-48.43	PASS
Band7	5MHz	QPSK	21100	1RB#0	10000~20000	-57.54	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	-55.76	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-59.38	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~10000	-47.73	PASS
Band7	5MHz	QPSK	21425	1RB#0	10000~20000	-57.59	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	-55.86	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-59.34	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~10000	-49.95	PASS
Band7	10MHz	QPSK	20800	1RB#0	10000~20000	-57.53	PASS
Band7	10MHz	QPSK	20800	1RB#0	20000~27000	-55.80	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-59.15	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~10000	-49.21	PASS
Band7	10MHz	QPSK	21100	1RB#0	10000~20000	-57.12	PASS
Band7	10MHz	QPSK	21100	1RB#0	20000~27000	-54.82	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-59.20	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~10000	-49.32	PASS
Band7	10MHz	QPSK	21400	1RB#0	10000~20000	-57.14	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	-54.95	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-59.03	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~10000	-49.31	PASS
Band7	15MHz	QPSK	20825	1RB#0	10000~20000	-56.92	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	-54.68	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	-59.03	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~10000	-49.32	PASS
Band7	15MHz	QPSK	21100	1RB#0	10000~20000	-56.94	PASS
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	-54.71	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-59.08	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~10000	-49.24	PASS
Band7	15MHz	QPSK	21375	1RB#0	10000~20000	-56.84	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	-54.77	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-59.01	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~10000	-49.03	PASS
Band7	20MHz	QPSK	20850	1RB#0	10000~20000	-56.86	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	-54.65	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-59.08	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~10000	-49.06	PASS
Band7	20MHz	QPSK	21100	1RB#0	10000~20000	-56.76	PASS



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Band7	20MHz	QPSK	21100	1RB#0	20000~27000	-54.60	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-59.06	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~10000	-49.11	PASS
Band7	20MHz	QPSK	21350	1RB#0	10000~20000	-56.85	PASS
Band7	20MHz	QPSK	21350	1RB#0	20000~27000	-54.68	PASS

TEST GRAPHS





Reference No.: W7L-240430W002RF04

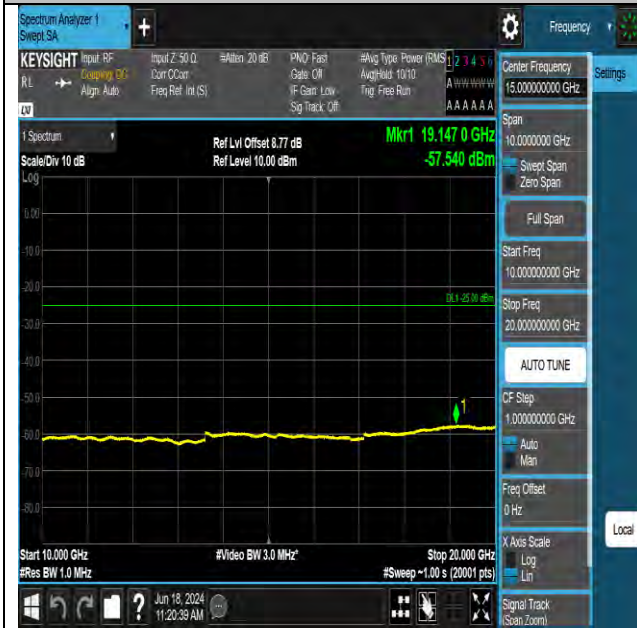
BUREAU VERITAS



Band7_5MHz_QPSK_21100_1RB#0_30~1000_30~1000



Band7_5MHz_QPSK_21100_1RB#0_1000~10000_1000~10000



Band7_5MHz_QPSK_21100_1RB#0_10000~20000_10000~20000



Band7_5MHz_QPSK_21100_1RB#0_20000~27000_20000~27000



Reference No.: W7L-240430W002RF04

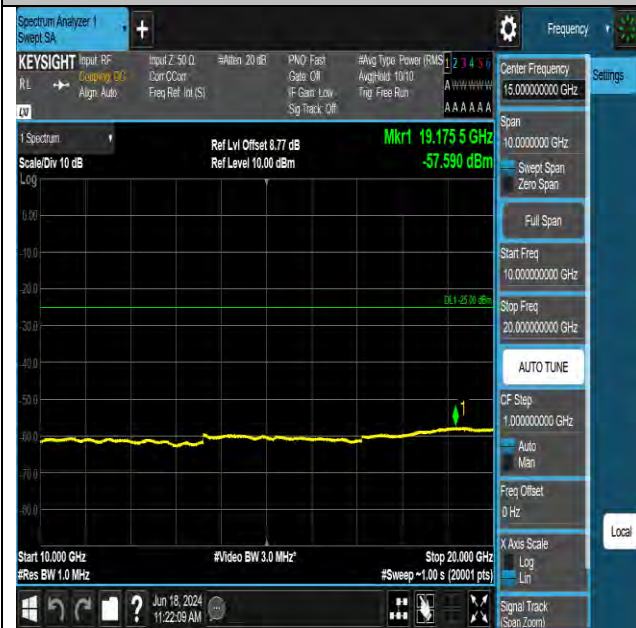
BUREAU VERITAS



Band7_5MHz_QPSK_21425_1RB#0_30~1000_30~1000



Band7_5MHz_QPSK_21425_1RB#0_1000~10000_1000~10000



Band7_5MHz_QPSK_21425_1RB#0_10000~20000_10000~20000



Band7_5MHz_QPSK_21425_1RB#0_20000~27000_20000~27000



Reference No.: W7L-240430W002RF04

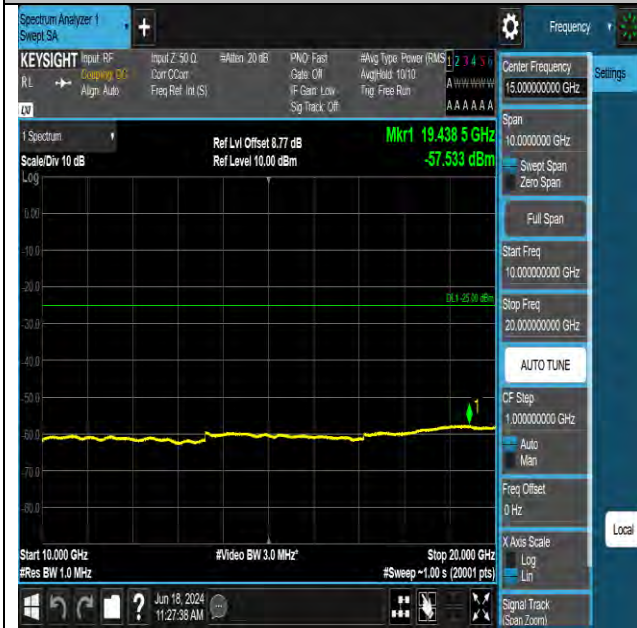
BUREAU VERITAS



Band7_10MHz_QPSK_20800_1RB#0_30~1000_30~100
0



Band7_10MHz_QPSK_20800_1RB#0_1000~10000_100
0~10000



Band7_10MHz_QPSK_20800_1RB#0_10000~20000_10
000~20000



Band7_10MHz_QPSK_20800_1RB#0_20000~27000_20
000~27000



Reference No.: W7L-240430W002RF04

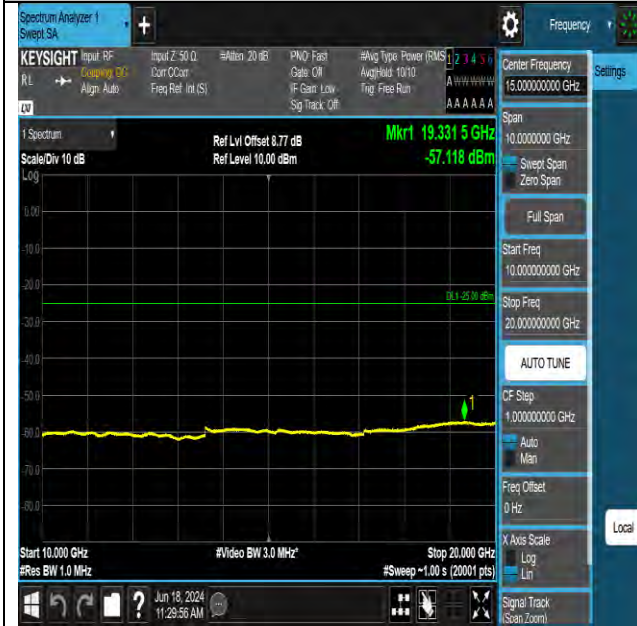
BUREAU VERITAS



Band7_10MHz_QPSK_21100_1RB#0_30~1000_30~100
0



Band7_10MHz_QPSK_21100_1RB#0_1000~10000_100
0~10000



Band7_10MHz_QPSK_21100_1RB#0_10000~20000_10
000~20000



Band7_10MHz_QPSK_21100_1RB#0_20000~27000_20
000~27000



Reference No.: W7L-240430W002RF04

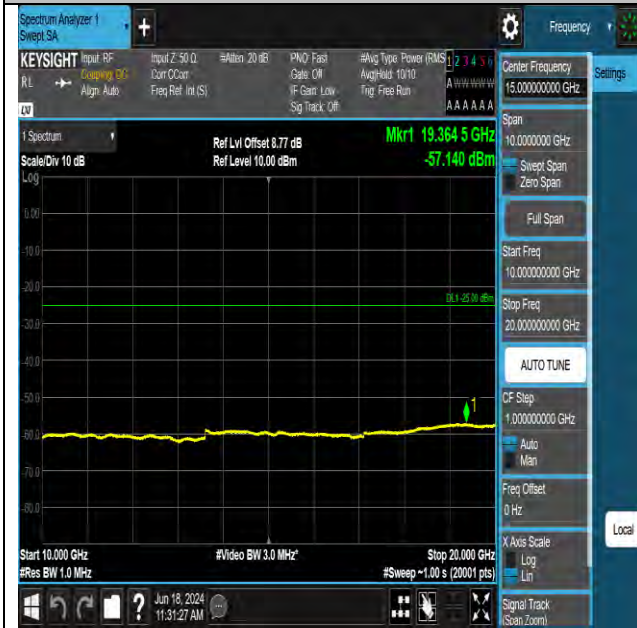
BUREAU VERITAS



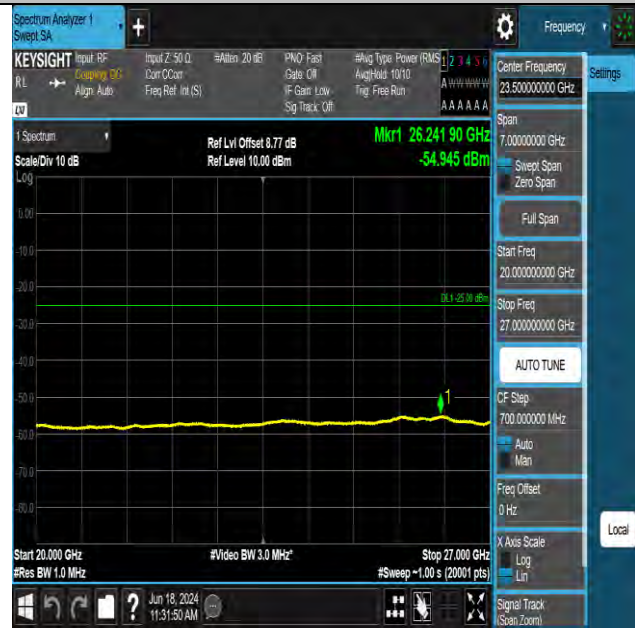
Band7_10MHz_QPSK_21400_1RB#0_30~1000_30~100
0



Band7_10MHz_QPSK_21400_1RB#0_1000~10000_100
0~10000



Band7_10MHz_QPSK_21400_1RB#0_10000~20000_10
000~20000



Band7_10MHz_QPSK_21400_1RB#0_20000~27000_20
000~27000