

APPENDIX J

LTE BAND 41 (INDCLUDING LTE BAND38)

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

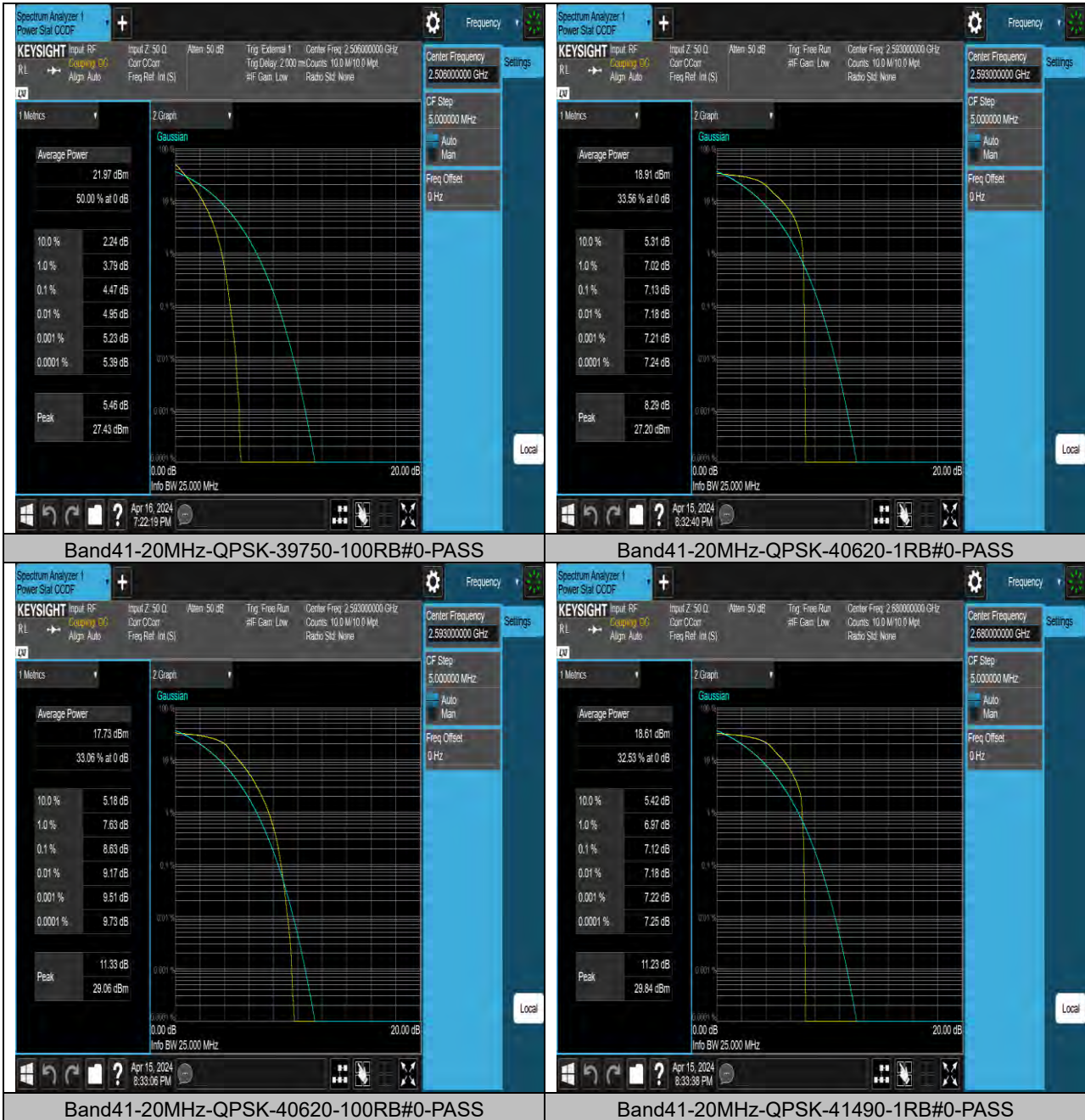
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	1RB#0	3.10	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	4.47	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	7.13	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.63	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	7.12	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.63	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	4.55	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	5.31	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	7.87	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.18	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.33	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	8.97	13	PASS



BUREAU VERITAS

Reference No.: W7L-P24090003RF07

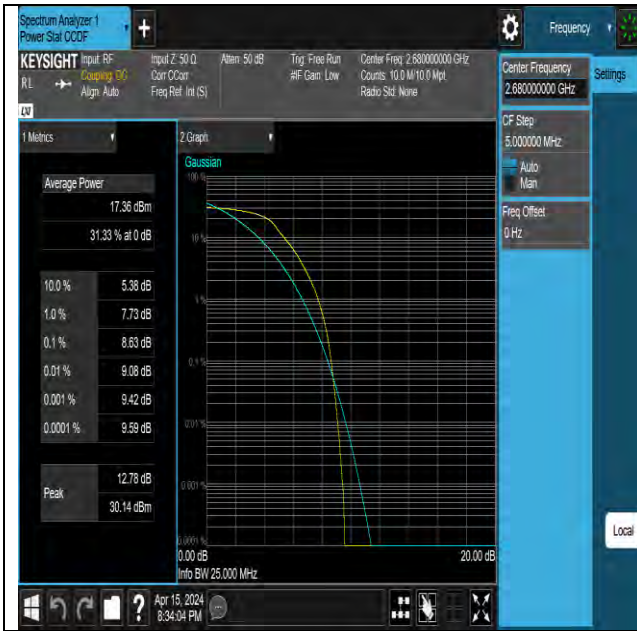
TEST GRAPHS





Reference No.: W7L-P24090003RF07

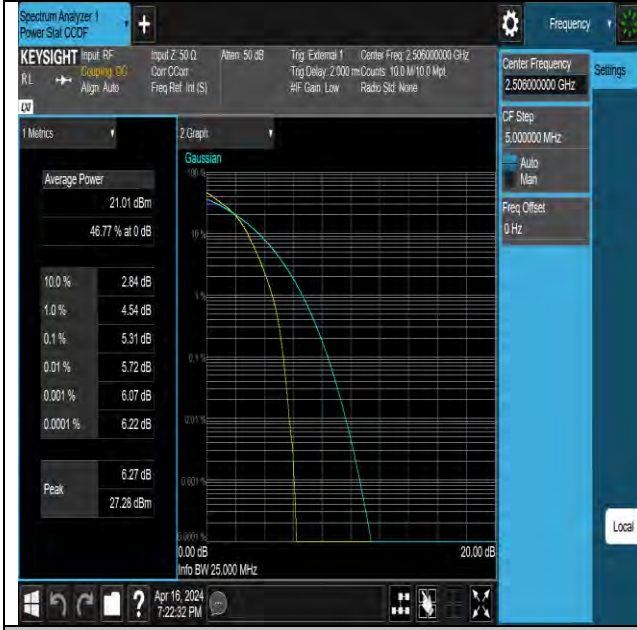
BUREAU VERITAS



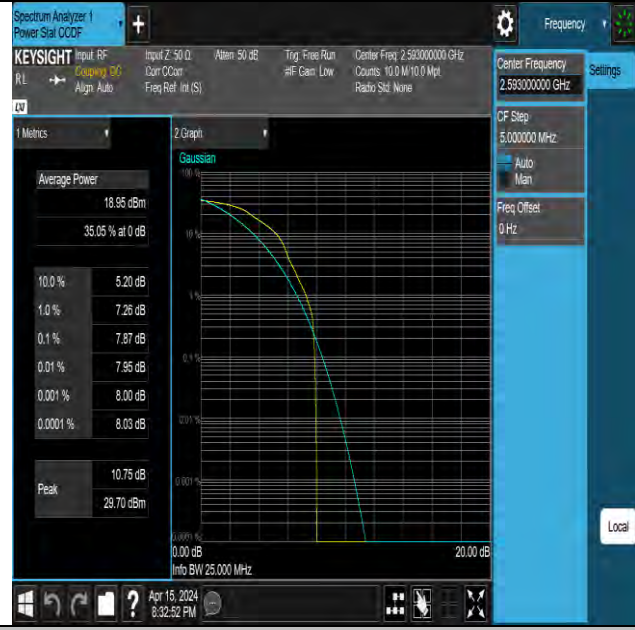
Band41-20MHz-QPSK-41490-100RB#0-PASS



Band41-20MHz-64QAM-39750-1RB#0-PASS



Band41-20MHz-16QAM-39750-100RB#0-PASS

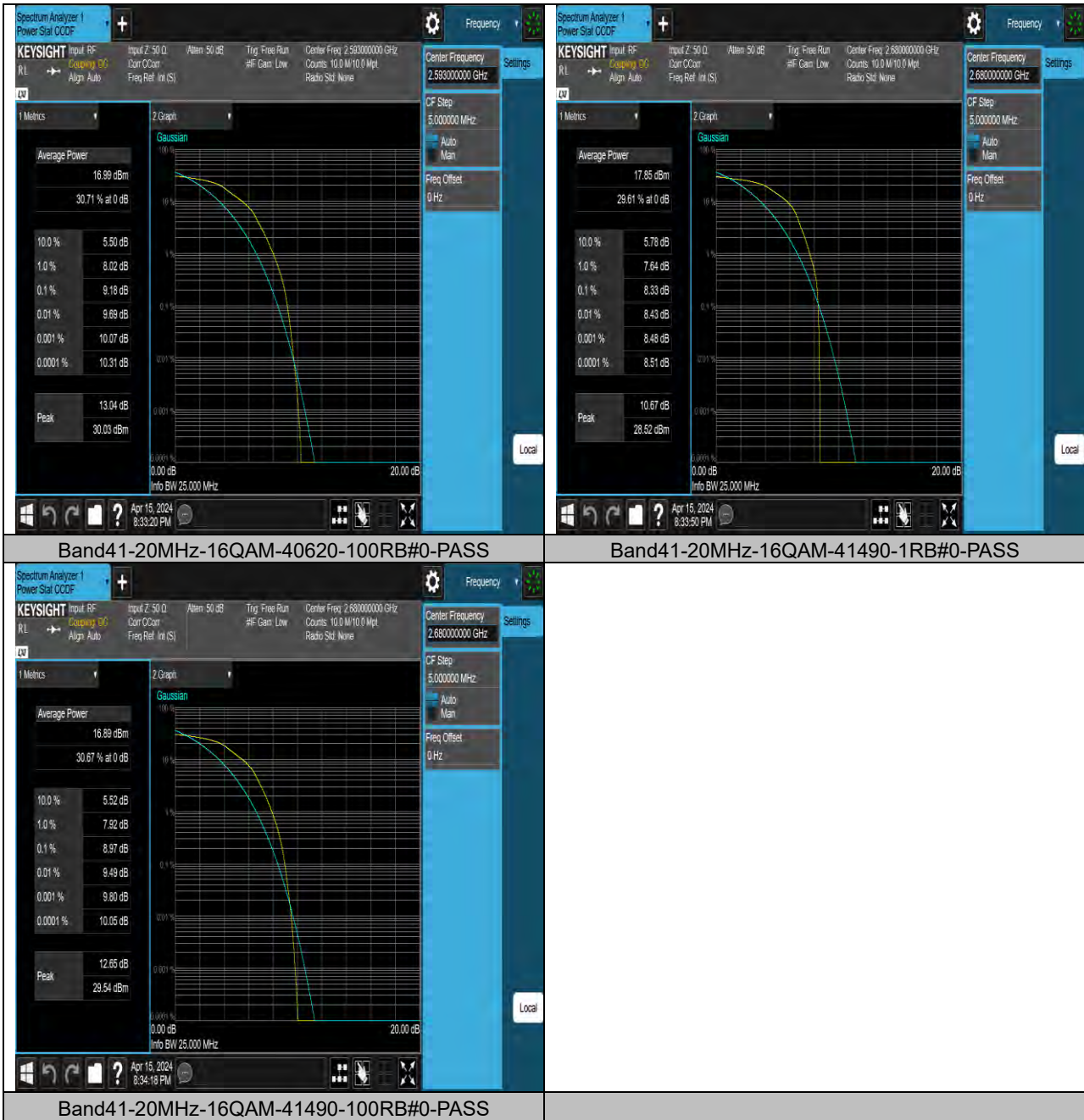


Band41-20MHz-16QAM-40620-1RB#0-PASS



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Reference No.: W7L-P24090003RF07



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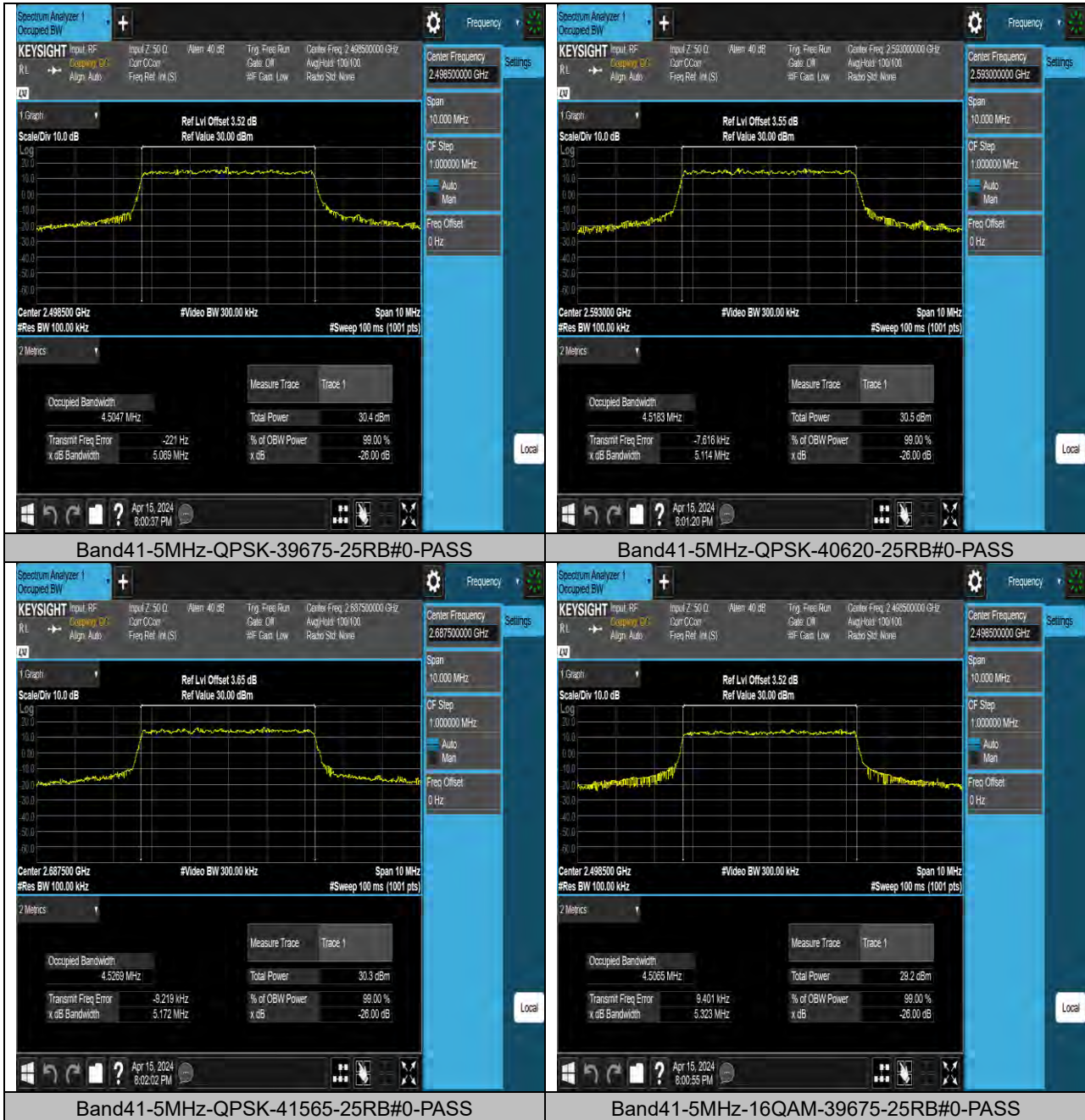


Reference No.: W7L-P24090003RF07

26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5047	5.069	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5183	5.114	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5269	5.172	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5065	5.323	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4945	5.033	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4977	5.263	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.0194	10.55	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9760	10.10	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0106	10.37	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9701	10.32	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9641	10.28	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9849	10.52	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.488	14.74	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.502	14.65	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.510	14.70	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.456	15.08	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.476	15.11	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.495	14.85	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.991	20.39	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.017	20.30	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.985	20.55	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.960	20.54	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.958	20.20	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.968	21.47	PASS

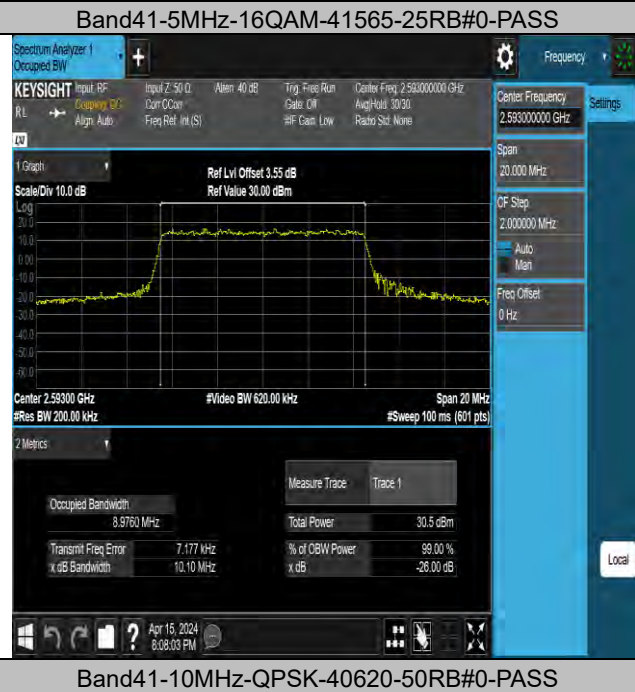
TEST GRAPHS





BUREAU VERITAS

Reference No.: W7L-P24090003RF07





Reference No.: W7L-P24090003RF07

BUREAU VERITAS



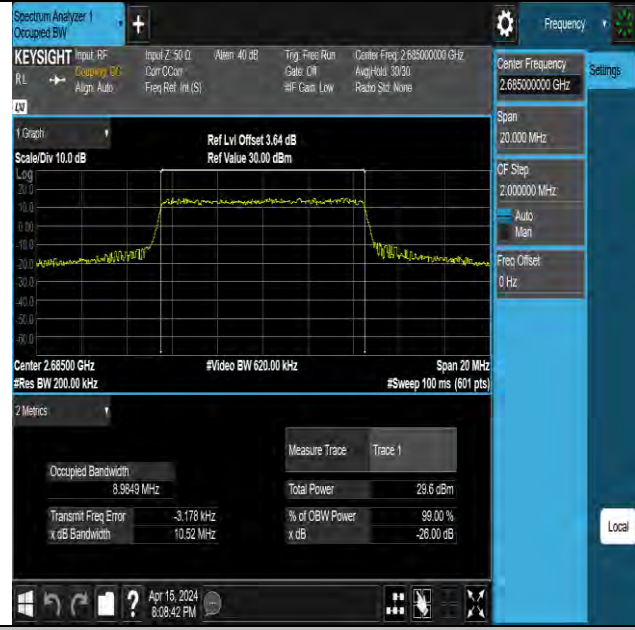
Band41-10MHz-QPSK-41540-50RB#0-PASS



Band41-10MHz-16QAM-39700-50RB#0-PASS



Band41-10MHz-16QAM-40620-50RB#0-PASS



Band41-10MHz-16QAM-41540-50RB#0-PASS



Reference No.: W7L-P24090003RF07

BUREAU VERITAS



Band41-15MHz-QPSK-39725-75RB#0-PASS



Band41-15MHz-QPSK-40620-75RB#0-PASS



Band41-15MHz-QPSK-41515-75RB#0-PASS



Band41-15MHz-16QAM-39725-75RB#0-PASS



Reference No.: W7L-P24090003RF07

BUREAU VERITAS



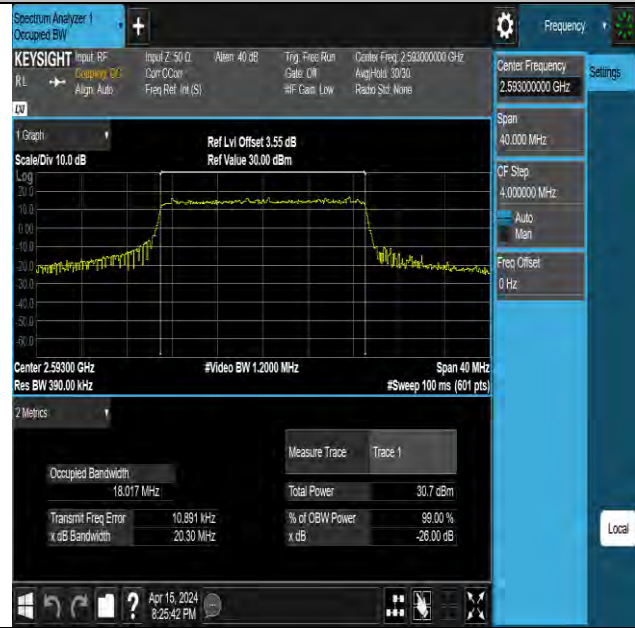
Band41-15MHz-16QAM-40620-75RB#0-PASS



Band41-15MHz-16QAM-41515-75RB#0-PASS



Band41-20MHz-QPSK-39750-100RB#0-PASS



Band41-20MHz-QPSK-40620-100RB#0-PASS

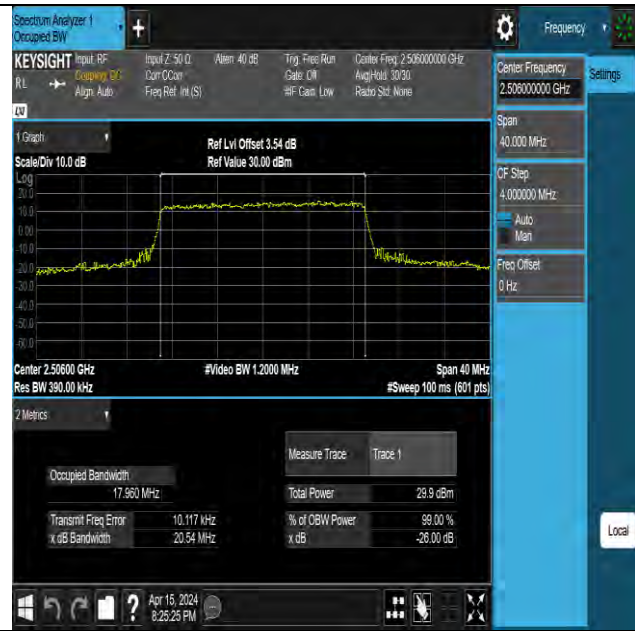


Reference No.: W7L-P24090003RF07

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Band41-20MHz-QPSK-41490-100RB#0-PASS



Band41-20MHz-16QAM-39750-100RB#0-PASS



Band41-20MHz-16QAM-40620-100RB#0-PASS



Band41-20MHz-16QAM-41490-100RB#0-PASS



Reference No.: W7L-P24090003RF07

BAND EDGE TEST RESULT

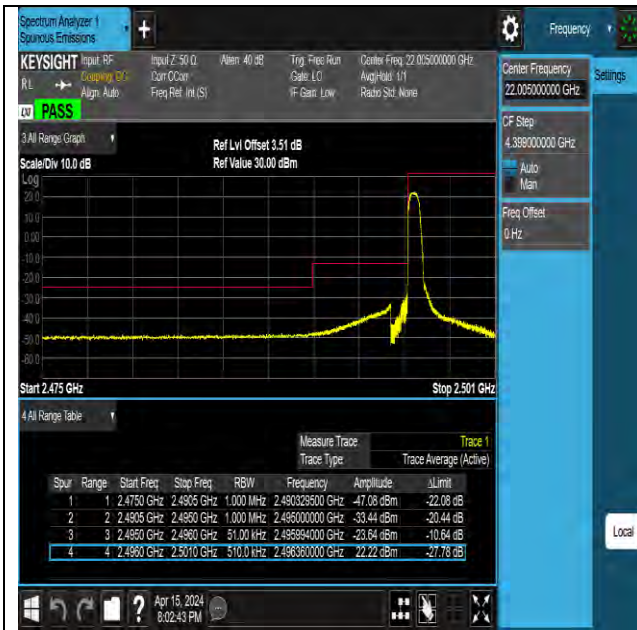
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-23.64	PASS
Band41	5MHz	QPSK	39675	25RB#0	-21.51	PASS
Band41	5MHz	QPSK	41565	1RB#24	-22.56	PASS
Band41	5MHz	QPSK	41565	25RB#0	-32.34	PASS
Band41	5MHz	16QAM	39675	1RB#0	-25.97	PASS
Band41	5MHz	16QAM	39675	25RB#0	-24.91	PASS
Band41	5MHz	16QAM	41565	1RB#24	-24.53	PASS
Band41	5MHz	16QAM	41565	25RB#0	-36.05	PASS
Band41	10MHz	QPSK	39700	1RB#0	-28.67	PASS
Band41	10MHz	QPSK	39700	50RB#0	-29.01	PASS
Band41	10MHz	QPSK	41540	1RB#49	-30.94	PASS
Band41	10MHz	QPSK	41540	50RB#0	-19.94	PASS
Band41	10MHz	16QAM	39700	1RB#0	-31.94	PASS
Band41	10MHz	16QAM	39700	50RB#0	-31.48	PASS
Band41	10MHz	16QAM	41540	1RB#49	-31.81	PASS
Band41	10MHz	16QAM	41540	50RB#0	-35.65	PASS
Band41	15MHz	QPSK	39725	1RB#0	-33.85	PASS
Band41	15MHz	QPSK	39725	75RB#0	-25.41	PASS
Band41	15MHz	QPSK	41515	1RB#74	-31.59	PASS
Band41	15MHz	QPSK	41515	75RB#0	-18.62	PASS
Band41	15MHz	16QAM	39725	1RB#0	-47.52	PASS
Band41	15MHz	16QAM	39725	75RB#0	-29.74	PASS
Band41	15MHz	16QAM	41515	1RB#74	-32.82	PASS
Band41	15MHz	16QAM	41515	75RB#0	-36.83	PASS
Band41	20MHz	QPSK	39750	1RB#0	-47.58	PASS
Band41	20MHz	QPSK	39750	100RB#0	-27.93	PASS
Band41	20MHz	QPSK	41490	1RB#99	-48.34	PASS
Band41	20MHz	QPSK	41490	100RB#0	-26.26	PASS
Band41	20MHz	16QAM	39750	1RB#0	-47.67	PASS
Band41	20MHz	16QAM	39750	100RB#0	-28.70	PASS
Band41	20MHz	16QAM	41490	1RB#99	-48.56	PASS
Band41	20MHz	16QAM	41490	100RB#0	-40.39	PASS



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BUREAU VERITAS

TEST GRAPHS



Band41 5MHz QPSK 39675 1RB#0



Band41 5MHz QPSK 39675 25RB#0



Band41 5MHz QPSK 41565 1RB#24



Band41 5MHz QPSK 41565 25RB#0



Reference No.: W7L-P24090003RF07

BUREAU VERITAS



Band41 5MHz 16QAM 39675 1RB#0



Band41 5MHz 16QAM 39675 25RB#0



Band41 5MHz 16QAM 41565 1RB#24

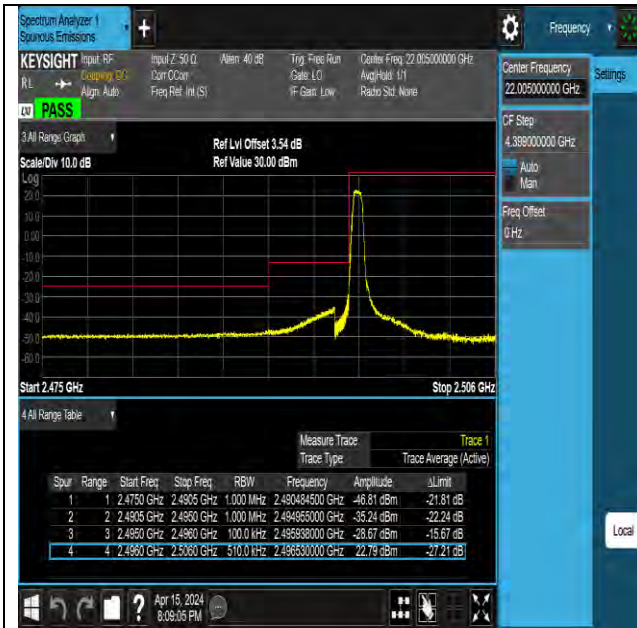


Band41 5MHz 16QAM 41565 25RB#0



Reference No.: W7L-P24090003RF07

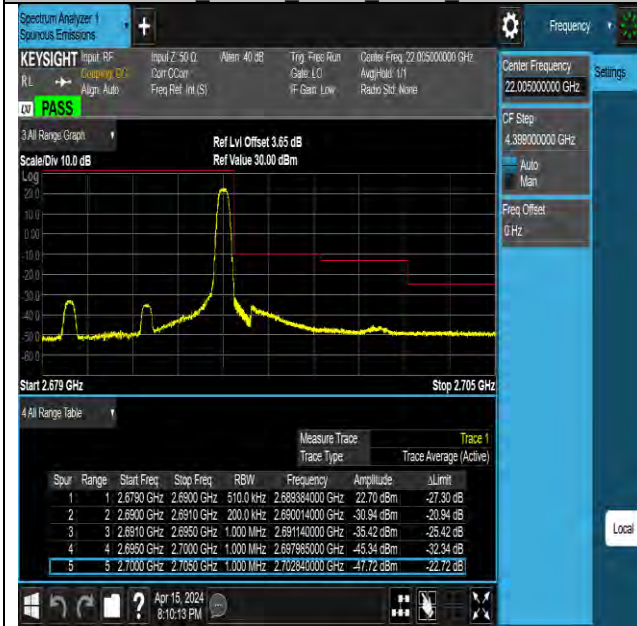
BUREAU VERITAS



Band41 10MHz QPSK 39700 1RB#0



Band41 10MHz QPSK 39700 50RB#0



Band41 10MHz QPSK 41540 1RB#49

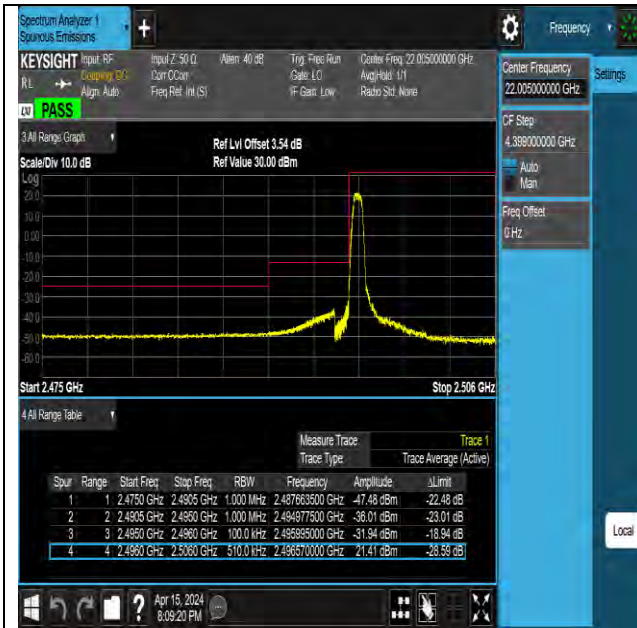


Band41 10MHz QPSK 41540 50RB#0



Reference No.: W7L-P24090003RF07

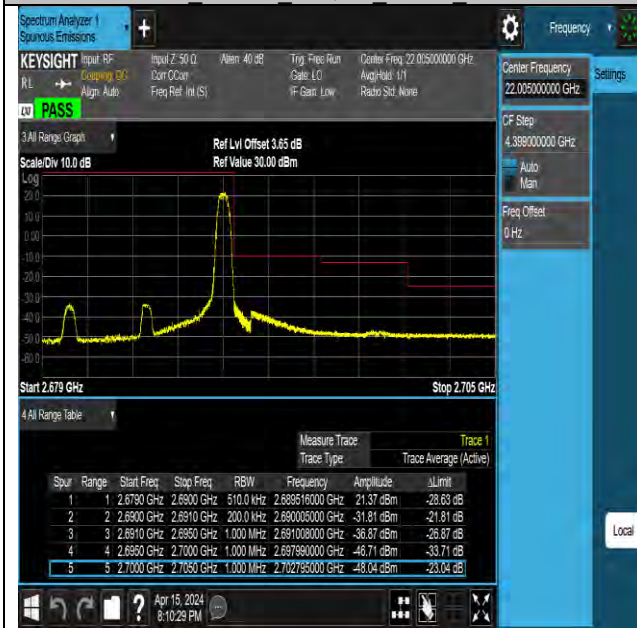
BUREAU VERITAS



Band41 10MHz 16QAM 39700 1RB#0



Band41 10MHz 16QAM 39700 50RB#0



Band41 10MHz 16QAM 41540 1RB#49



Band41 10MHz 16QAM 41540 50RB#0



Reference No.: W7L-P24090003RF07

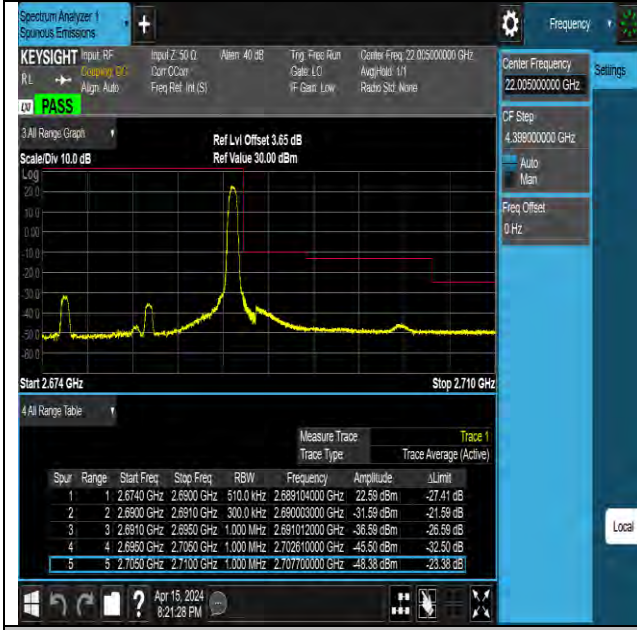
BUREAU VERITAS



Band41 15MHz QPSK 39725 1RB#0



Band41 15MHz QPSK 39725 75RB#0



Band41 15MHz QPSK 41515 1RB#74



Band41 15MHz QPSK 41515 75RB#0



Reference No.: W7L-P24090003RF07

BUREAU VERITAS



Band41 15MHz 16QAM 39725 1RB#0



Band41 15MHz 16QAM 39725 75RB#0



Band41 15MHz 16QAM 41515 1RB#74



Band41 15MHz 16QAM 41515 75RB#0



Reference No.: W7L-P24090003RF07

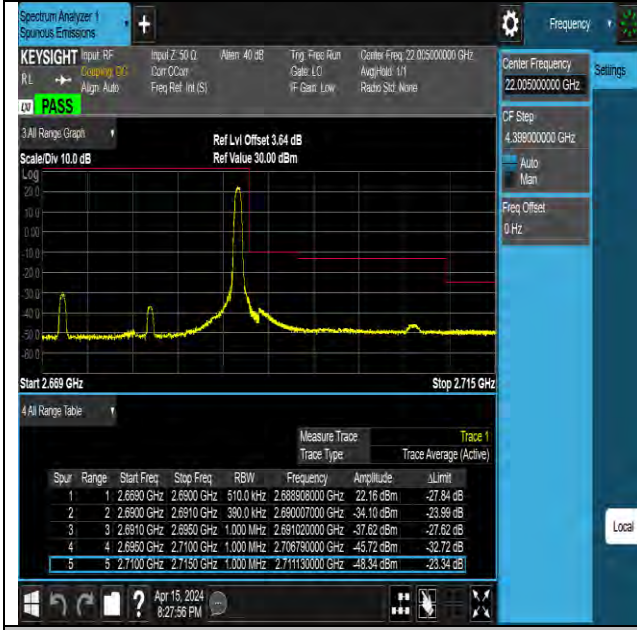
BUREAU VERITAS



Band41 20MHz QPSK 39750 1RB#0



Band41 20MHz QPSK 39750 100RB#0



Band41 20MHz QPSK 41490 1RB#99



Band41 20MHz QPSK 41490 100RB#0



Reference No.: W7L-P24090003RF07

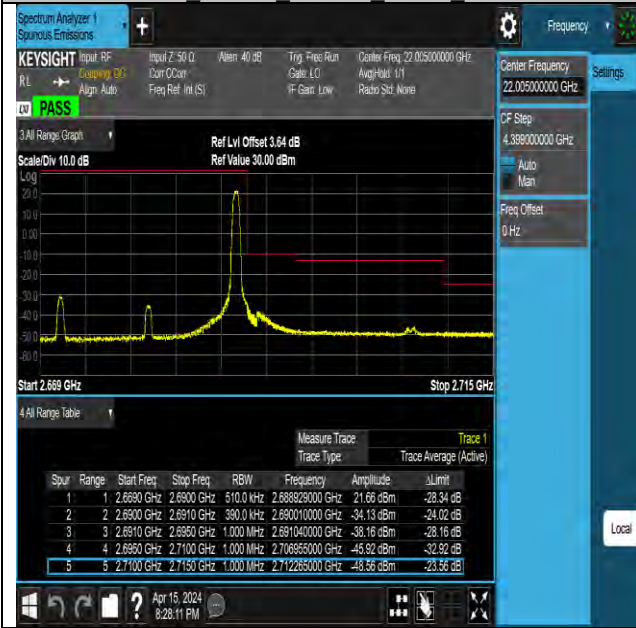
BUREAU VERITAS



Band41 20MHz 16QAM 39750 1RB#0



Band41 20MHz 16QAM 39750 100RB#0



Band41 20MHz 16QAM 41490 1RB#99



Band41 20MHz 16QAM 41490 100RB#0



Reference No.: W7L-P24090003RF07

CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-59.04	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~10000	-48.99	PASS
Band41	5MHz	QPSK	39675	1RB#0	10000~20000	-56.39	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~27000	-54.34	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-55.23	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~10000	-48.43	PASS
Band41	5MHz	QPSK	40620	1RB#0	10000~20000	-56.18	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~27000	-54.21	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-52.78	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~10000	-48.47	PASS
Band41	5MHz	QPSK	41565	1RB#0	10000~20000	-56.10	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-54.15	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-58.72	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~10000	-48.25	PASS
Band41	10MHz	QPSK	39700	1RB#0	10000~20000	-56.29	PASS
Band41	10MHz	QPSK	39700	1RB#0	20000~27000	-54.44	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-58.64	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~10000	-48.28	PASS
Band41	10MHz	QPSK	40620	1RB#0	10000~20000	-56.19	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~27000	-54.24	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-52.37	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~10000	-48.11	PASS
Band41	10MHz	QPSK	41540	1RB#0	10000~20000	-55.89	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-53.99	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-58.55	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~10000	-47.99	PASS
Band41	15MHz	QPSK	39725	1RB#0	10000~20000	-55.47	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~27000	-53.28	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-58.19	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~10000	-47.99	PASS
Band41	15MHz	QPSK	40620	1RB#0	10000~20000	-55.55	PASS
Band41	15MHz	QPSK	40620	1RB#0	20000~27000	-53.60	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-52.78	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~10000	-48.08	PASS
Band41	15MHz	QPSK	41515	1RB#0	10000~20000	-55.35	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-53.35	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-58.51	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~10000	-47.93	PASS
Band41	20MHz	QPSK	39750	1RB#0	10000~20000	-55.53	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~27000	-53.46	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-58.25	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~10000	-47.96	PASS
Band41	20MHz	QPSK	40620	1RB#0	10000~20000	-55.64	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~27000	-53.45	PASS











BUREAU VERITAS

Reference No.: W7L-P24090003RF07

Band41	20MHz	QPSK	41490	1RB#0	30~1000	-52.70	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~10000	-47.46	PASS
Band41	20MHz	QPSK	41490	1RB#0	10000~20000	-55.55	PASS
Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-53.58	PASS

TEST GRAPHS

 <p>Band41_5MHz_QPSK_39675_1RB#0_30~1000_30~1000</p>	 <p>Band41_5MHz_QPSK_39675_1RB#0_1000~10000_1000~10000</p>
 <p>Band41_5MHz_QPSK_39675_1RB#0_10000~20000_10000~20000</p>	 <p>Band41_5MHz_QPSK_39675_1RB#0_20000~27000_20000~27000</p>
 <p>Band41_5MHz_QPSK_40620_1RB#0_30~1000_30~1000</p>	 <p>Band41_5MHz_QPSK_40620_1RB#0_1000~10000_1000~10000</p>
 <p>Band41_5MHz_QPSK_40620_1RB#0_10000~20000_10000~20000</p>	 <p>Band41_5MHz_QPSK_40620_1RB#0_20000~27000_20000~27000</p>



BUREAU VERITAS

Reference No.: W7L-P24090003RF07





BUREAU VERITAS

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Band41_10MHz_QPSK_40620_1RB#0_30~1000_30~1000



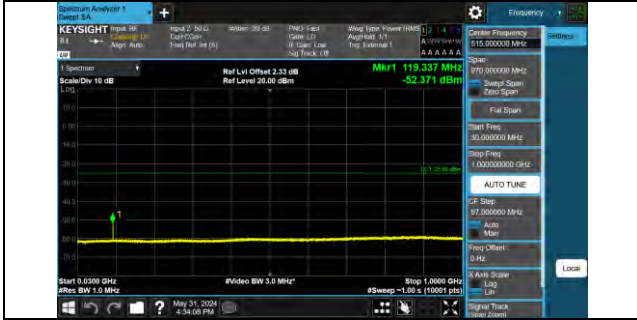
Band41_10MHz_QPSK_40620_1RB#0_1000~10000_1000~10000



Band41_10MHz_QPSK_40620_1RB#0_10000~20000_10000~20000



Band41_10MHz_QPSK_40620_1RB#0_20000~27000_20000~27000



Band41_10MHz_QPSK_41540_1RB#0_30~1000_30~1000



Band41_10MHz_QPSK_41540_1RB#0_1000~10000_1000~10000



Band41_10MHz_QPSK_41540_1RB#0_10000~20000_10000~20000



Band41_10MHz_QPSK_41540_1RB#0_20000~27000_20000~27000



BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band41_15MHz_QPSK_39725_1RB#0_30~1000_30~1000



Band41_15MHz_QPSK_39725_1RB#0_1000~10000_1000~10000



Band41_15MHz_QPSK_39725_1RB#0_10000~20000_10000~20000



Band41_15MHz_QPSK_39725_1RB#0_20000~27000_20000~27000



Band41_15MHz_QPSK_40620_1RB#0_30~1000_30~1000



Band41_15MHz_QPSK_40620_1RB#0_1000~10000_1000~10000



Band41_15MHz_QPSK_40620_1RB#0_10000~20000_10000~20000



Band41_15MHz_QPSK_40620_1RB#0_20000~27000_20000~27000



BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band41_15MHz_QPSK_41515_1RB#0_30~1000_30~1000



Band41_15MHz_QPSK_41515_1RB#0_1000~10000_1000~10000



Band41_15MHz_QPSK_41515_1RB#0_10000~20000_10000~20000



Band41_15MHz_QPSK_41515_1RB#0_20000~27000_20000~27000



Band41_20MHz_QPSK_39750_1RB#0_30~1000_30~1000



Band41_20MHz_QPSK_39750_1RB#0_1000~10000_1000~10000



Band41_20MHz_QPSK_39750_1RB#0_10000~20000_10000~20000



Band41_20MHz_QPSK_39750_1RB#0_20000~27000_20000~27000



BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band41_20MHz_QPSK_40620_1RB#0_30~1000_30~1000



Band41_20MHz_QPSK_40620_1RB#0_1000~10000_1000~10000



Band41_20MHz_QPSK_40620_1RB#0_10000~20000_10000~20000



Band41_20MHz_QPSK_40620_1RB#0_20000~27000_20000~27000



Band41_20MHz_QPSK_41490_1RB#0_30~1000_30~1000



Band41_20MHz_QPSK_41490_1RB#0_1000~10000_1000~10000



Band41_20MHz_QPSK_41490_1RB#0_10000~20000_10000~20000



Band41_20MHz_QPSK_41490_1RB#0_20000~27000_20000~27000



Reference No.: W7L-P24090003RF07

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
Band4_1	10MHz	QPSK	39700	50RB#0	VN	NT	910.67	0.36	2496.53445	--	2496-2690	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	VL	NT	824.40	0.33	2496.54136	--	2496-2690	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	VH	NT	720.57	0.29	2496.54355	--	2496-2690	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	VN	NT	881.23	0.33	--	2689.47879	2496-2690	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	VL	NT	789.60	0.29	--	2689.47938	2496-2690	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	VH	NT	770.28	0.29	--	2689.4824	2496-2690	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band4_1	10MHz	QPSK	39700	50RB#0	NV	-30	945.86	0.38	2496.53948	--	2496-2690	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	-20	834.68	0.33	2496.54053	--	2496-2690	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	-10	815.86	0.33	2496.53924	--	2496-2690	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	0	661.39	0.26	2496.53549	--	2496-2690	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	10	598.53	0.24	2496.53881	--	2496-2690	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	20	564.67	0.23	2496.53505	--	2496-2690	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	30	460.42	0.18	2496.54225	--	2496-2690	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	40	313.59	0.13	2496.54435	--	2496-2690	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	NV	50	270.29	0.11	2496.53978	--	2496-2690	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	NV	-30	903.69	0.34	--	2689.47751	2496-2690	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	NV	-20	862.36	0.32	--	2689.47842	2496-2690	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	NV	-10	855.28	0.32	--	2689.4781	2496-2690	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	NV	0	617.56	0.23	--	2689.47934	2496-2690	PASS
Band4_1	10MHz	QPSK	41540	50RB#0	NV	10	403.5	0.15	--	2689.	2496-	PASS



BUREAU
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1	z			#0			8			4784	2690	
Band4 1	10MH z	QPSK	41540	50RB #0	NV	20	233.5 9	0.09	--	2689. 48563	2496- 2690	PASS
Band4 1	10MH z	QPSK	41540	50RB #0	NV	30	-3.36	0.00	--	2689. 47732	2496- 2690	PASS
Band4 1	10MH z	QPSK	41540	50RB #0	NV	40	-125.0 4	-0.05	--	2689. 48109	2496- 2690	PASS
Band4 1	10MH z	QPSK	41540	50RB #0	NV	50	-206.1 0	-0.08	--	2689. 4799	2496- 2690	PASS



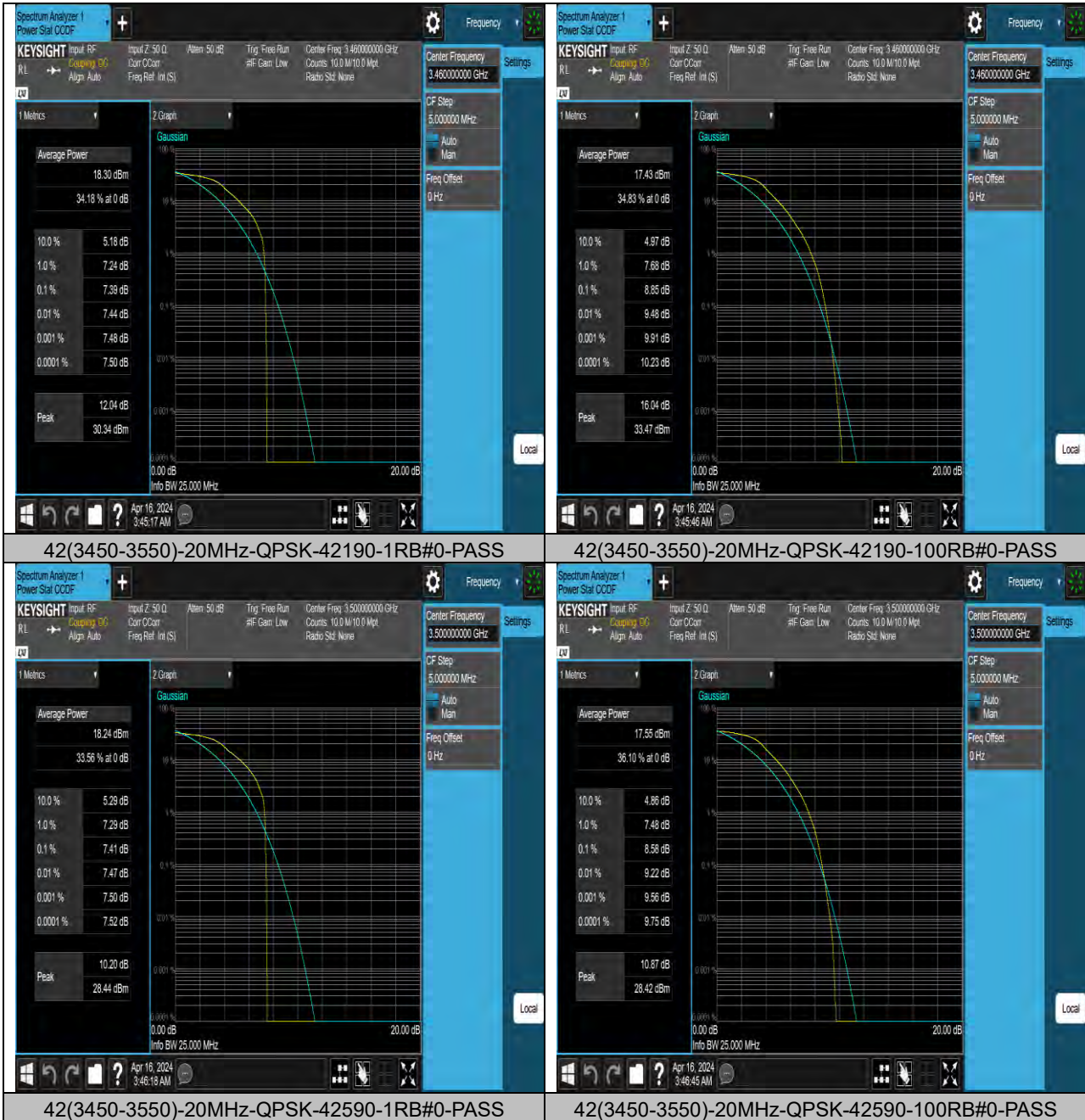
Reference No.: W7L-P24090003RF07

LTE BAND 42

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
42(3450-3550)	20MHz	QPSK	42190	1RB#0	7.39	13	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	8.85	13	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	7.41	13	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	8.58	13	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	7.37	13	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	8.92	13	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	9.68	13	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	9.66	13	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	9.56	13	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	9.64	13	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	8.96	13	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	9.67	13	PASS

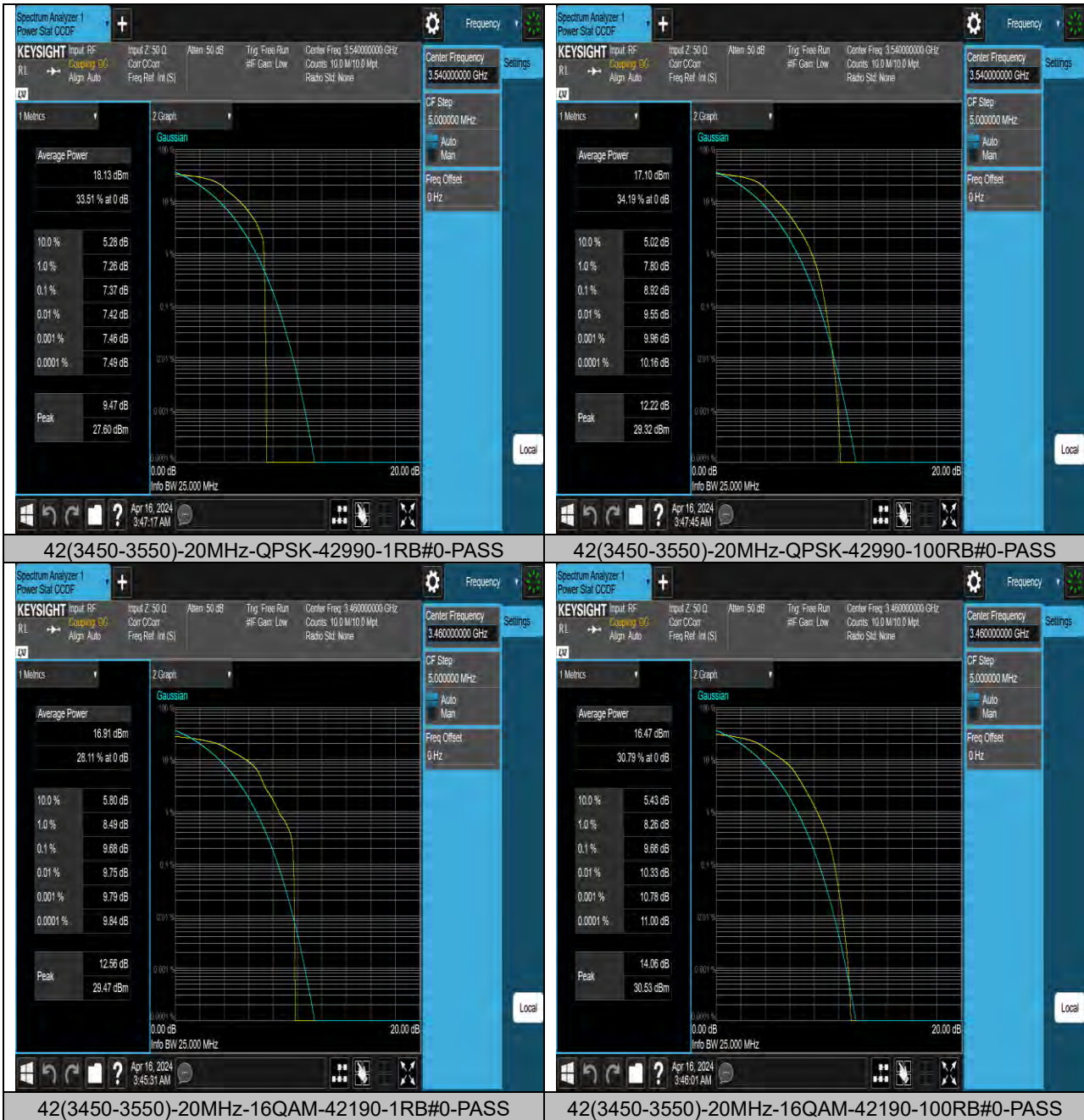
TEST GRAPHS





Reference No.: W7L-P24090003RF07

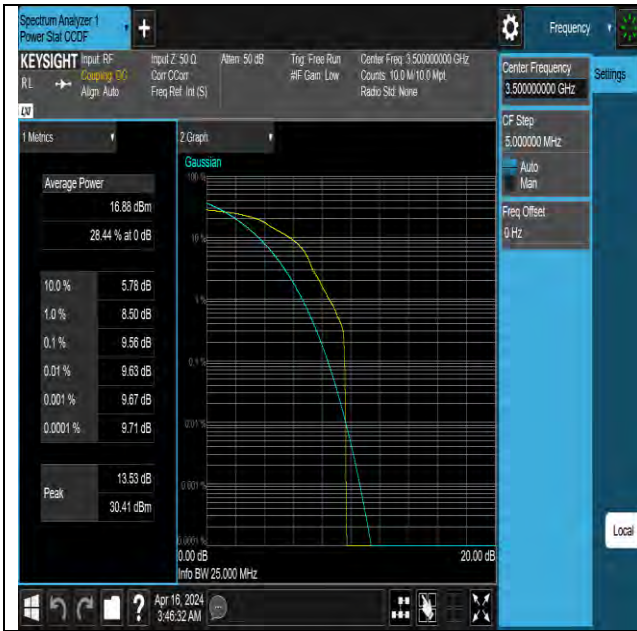
BUREAU VERITAS





Reference No.: W7L-P24090003RF07

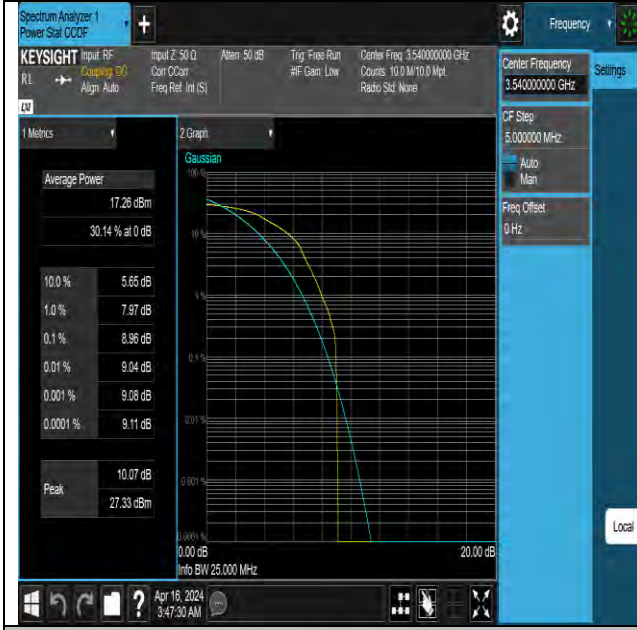
BUREAU VERITAS



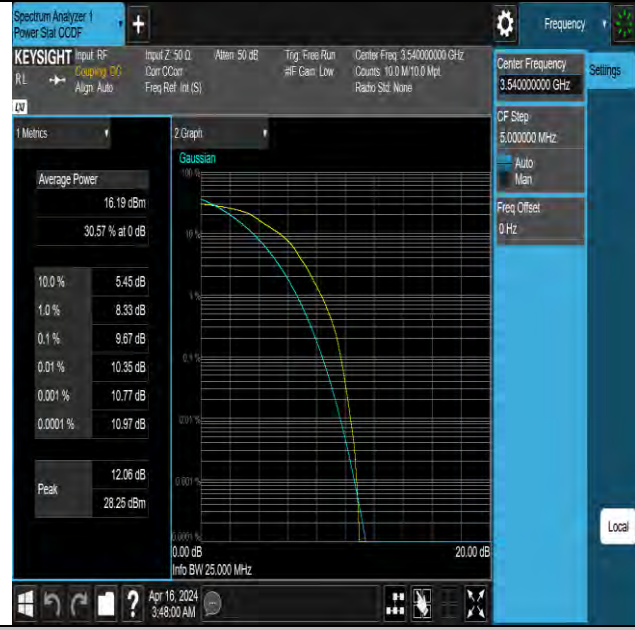
42(3450-3550)-20MHz-16QAM-42590-1RB#0-PASS



42(3450-3550)-20MHz-16QAM-42590-100RB#0-PASS



42(3450-3550)-20MHz-16QAM-42990-1RB#0-PASS



42(3450-3550)-20MHz-16QAM-42990-100RB#0-PASS

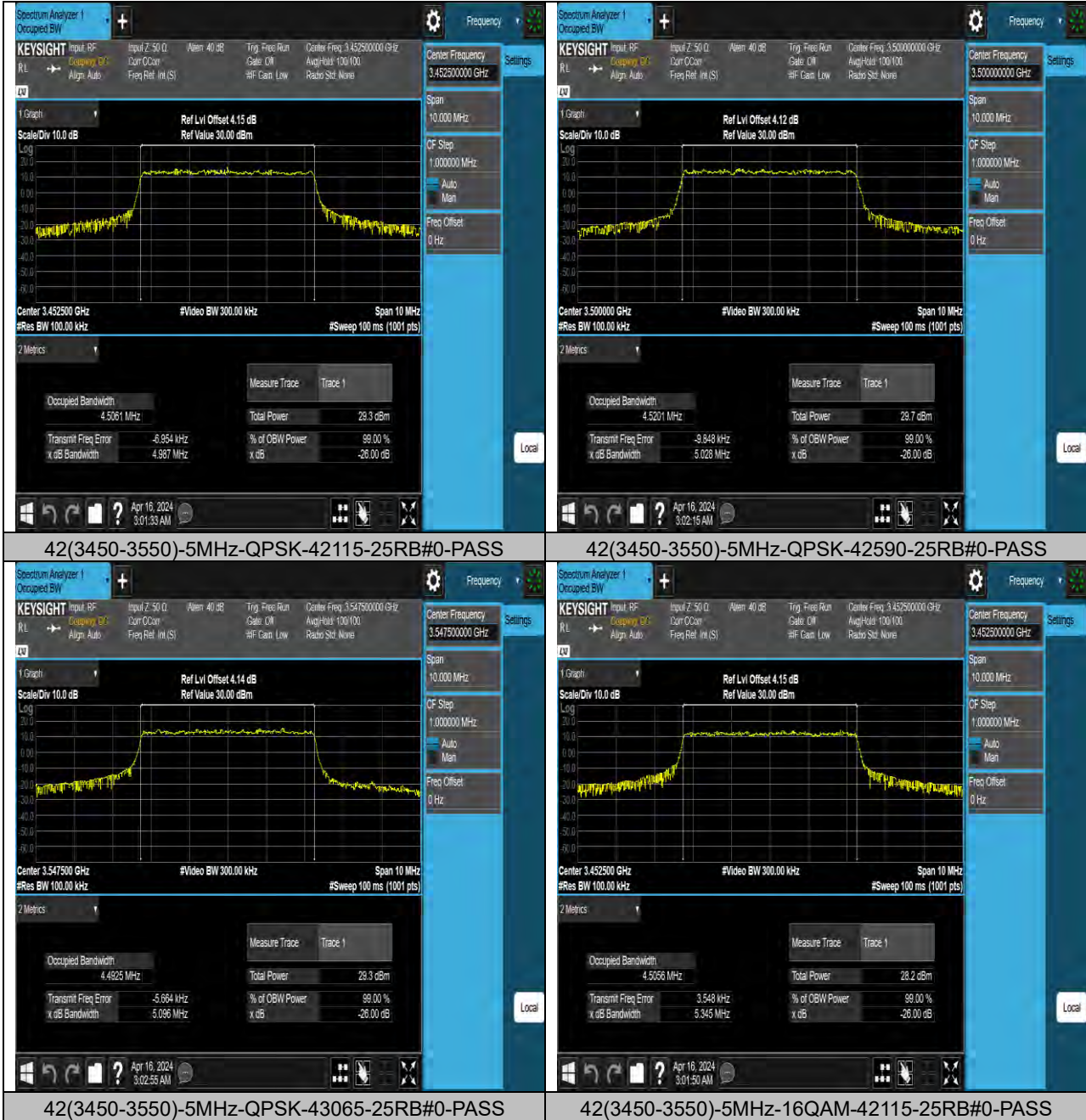


Reference No.: W7L-P24090003RF07

26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
42(3450-3550)	5MHz	QPSK	42115	25RB#0	4.5061	4.987	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	4.5201	5.028	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	4.4925	5.096	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	4.5056	5.345	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	4.4974	4.978	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	4.5001	4.987	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	8.9993	10.20	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	9.0065	10.31	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	8.9985	10.17	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	8.9994	10.50	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	8.9935	10.55	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	9.0015	10.40	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	13.465	15.53	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	13.486	14.67	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	13.472	14.78	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	13.510	16.16	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	13.479	14.74	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	13.475	15.25	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	18.001	20.42	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	17.990	20.50	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	17.936	19.44	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	17.943	19.90	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	17.950	20.84	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	17.969	21.53	PASS

TEST GRAPHS



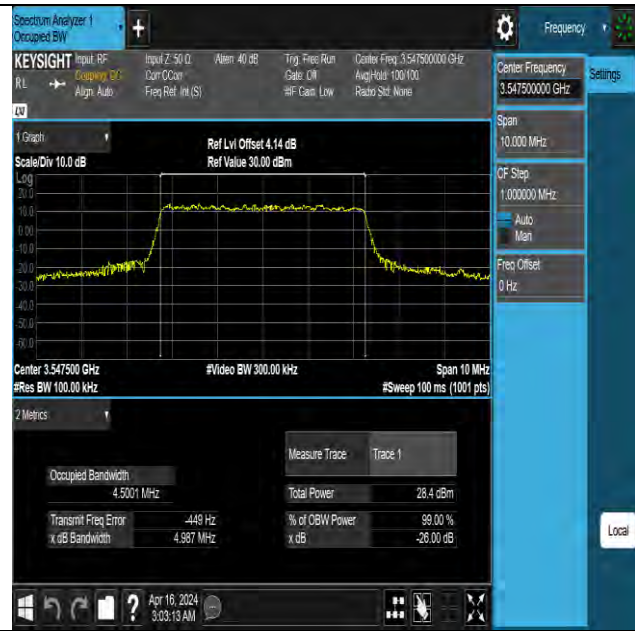


Reference No.: W7L-P24090003RF07

BUREAU VERITAS



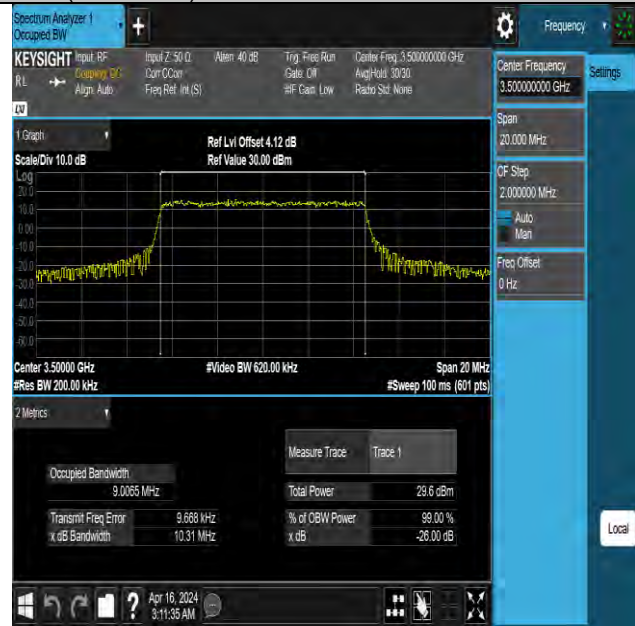
42(3450-3550)-5MHz-16QAM-42590-25RB#0-PASS



42(3450-3550)-5MHz-16QAM-43065-25RB#0-PASS



42(3450-3550)-10MHz-QPSK-42140-50RB#0-PASS

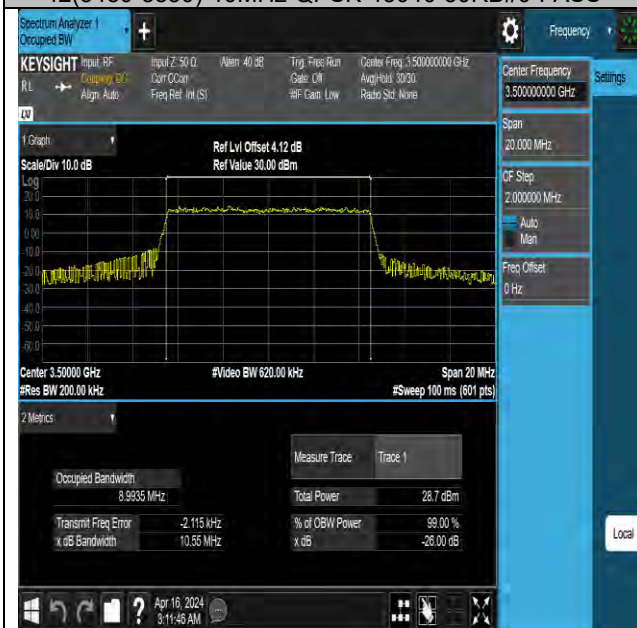


42(3450-3550)-10MHz-QPSK-42590-50RB#0-PASS



Reference No.: W7L-P24090003RF07

BUREAU VERITAS





Reference No.: W7L-P24090003RF07

BUREAU VERITAS



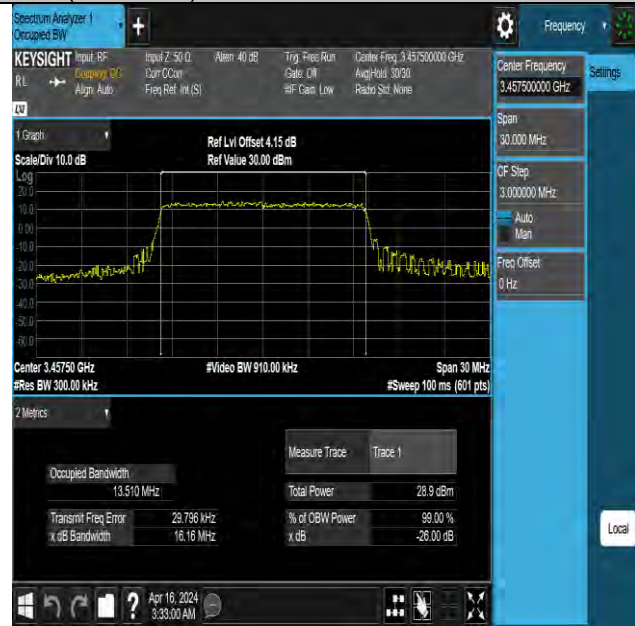
42(3450-3550)-15MHz-QPSK-42165-75RB#0-PASS



42(3450-3550)-15MHz-QPSK-42590-75RB#0-PASS



42(3450-3550)-15MHz-QPSK-43015-75RB#0-PASS



42(3450-3550)-15MHz-16QAM-42165-75RB#0-PASS



BUREAU VERITAS

Reference No.: W7L-P24090003RF07



42(3450-3550)-15MHz-16QAM-42590-75RB#0-PASS

42(3450-3550)-15MHz-16QAM-43015-75RB#0-PASS



42(3450-3550)-20MHz-QPSK-42190-100RB#0-PASS

42(3450-3550)-20MHz-QPSK-42590-100RB#0-PASS

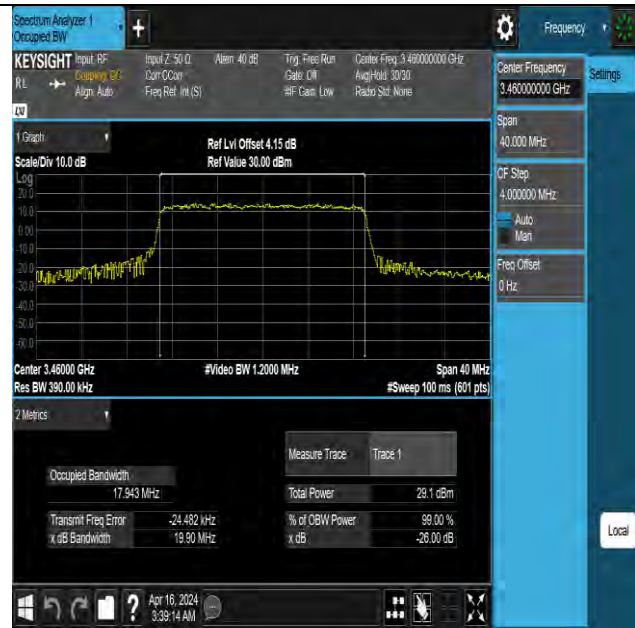


Reference No.: W7L-P24090003RF07

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42(3450-3550)-20MHz-QPSK-42990-100RB#0-PASS



42(3450-3550)-20MHz-16QAM-42190-100RB#0-PASS



42(3450-3550)-20MHz-16QAM-42590-100RB#0-PASS



42(3450-3550)-20MHz-16QAM-42990-100RB#0-PASS



Reference No.: W7L-P24090003RF07

BAND EDGE TEST RESULT

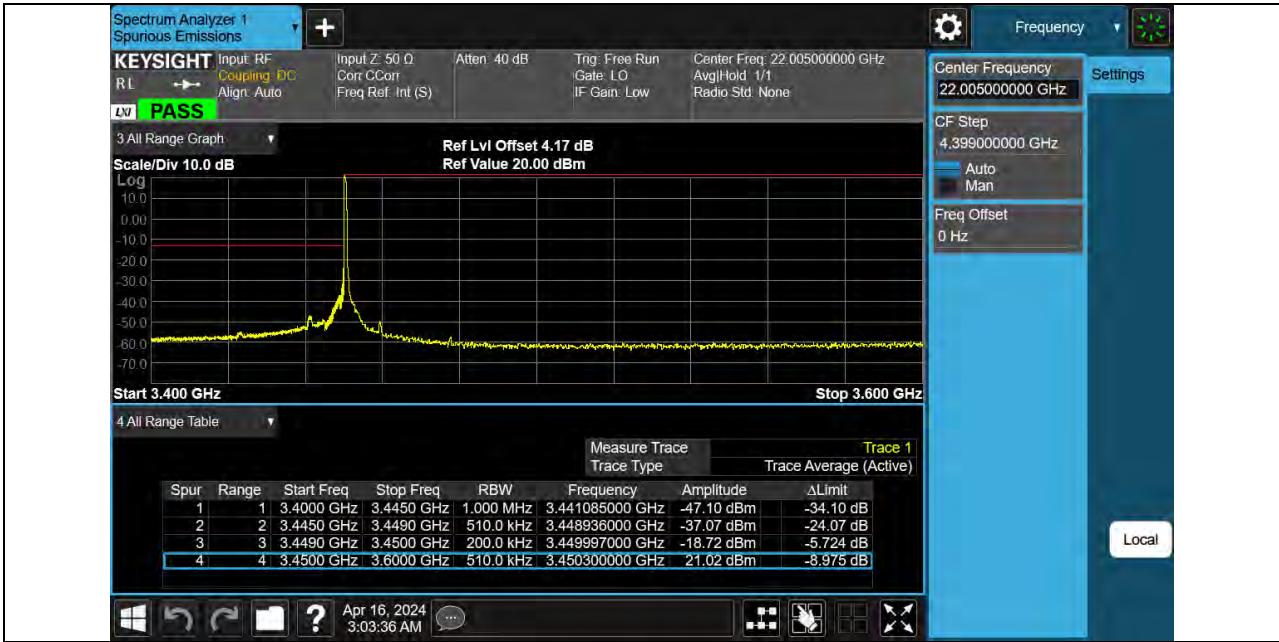
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
42(3450-3550)	5MHz	QPSK	42115	1RB#0	-18.72	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	-26.30	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#24	-18.27	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	-25.92	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	-24.90	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	-26.20	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#24	-23.02	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	-25.31	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	-31.01	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	-31.75	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#49	-30.13	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	-27.27	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	-33.04	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	-31.01	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#49	-32.35	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	-27.66	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	-32.83	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	-29.95	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#74	-35.00	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	-26.62	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	-35.32	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	-27.68	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#74	-34.89	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	-26.32	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	-36.40	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	-31.10	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#99	-36.88	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	-28.19	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	-37.69	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	-31.41	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#99	-39.30	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	-28.69	PASS



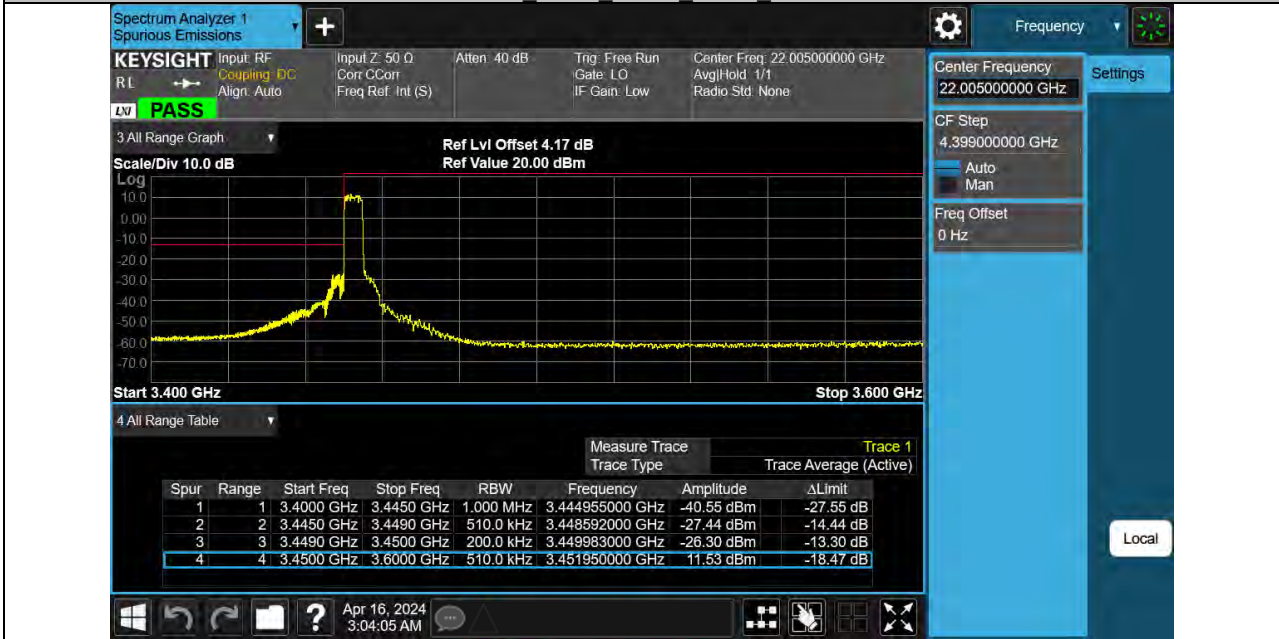
BUREAU VERITAS

Reference No.: W7L-P24090003RF07

TEST GRAPHS



Band42_5MHz_QPSK_42115_1RB#0

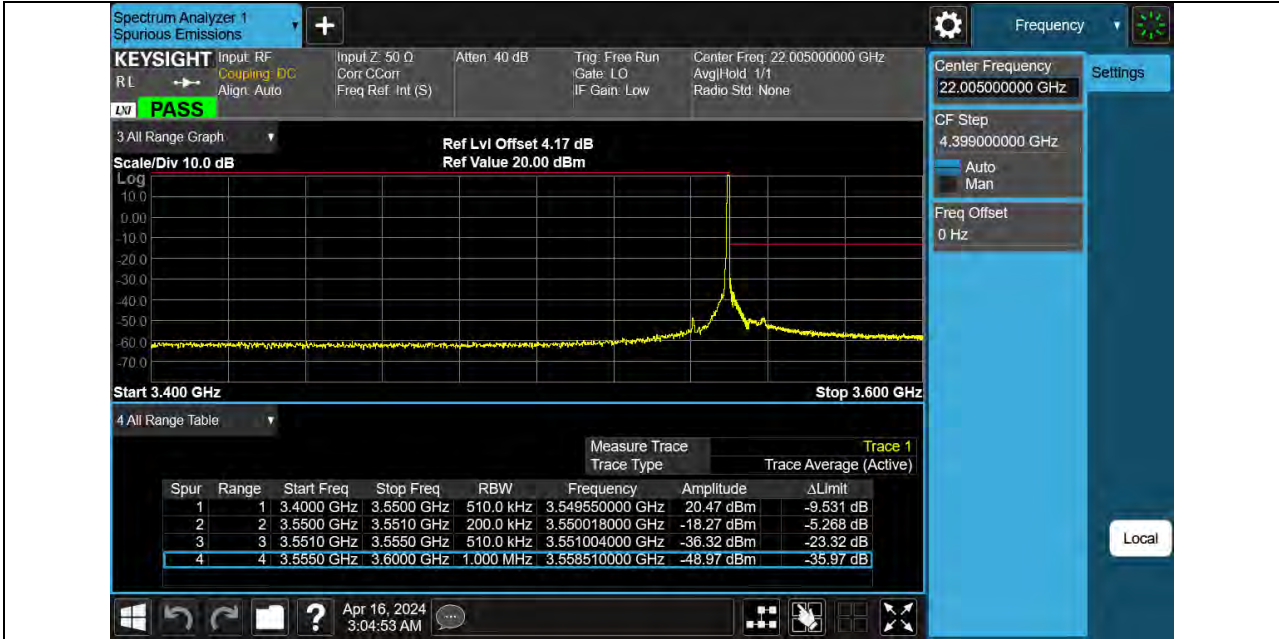


Band42_5MHz_QPSK_42115_25RB#0

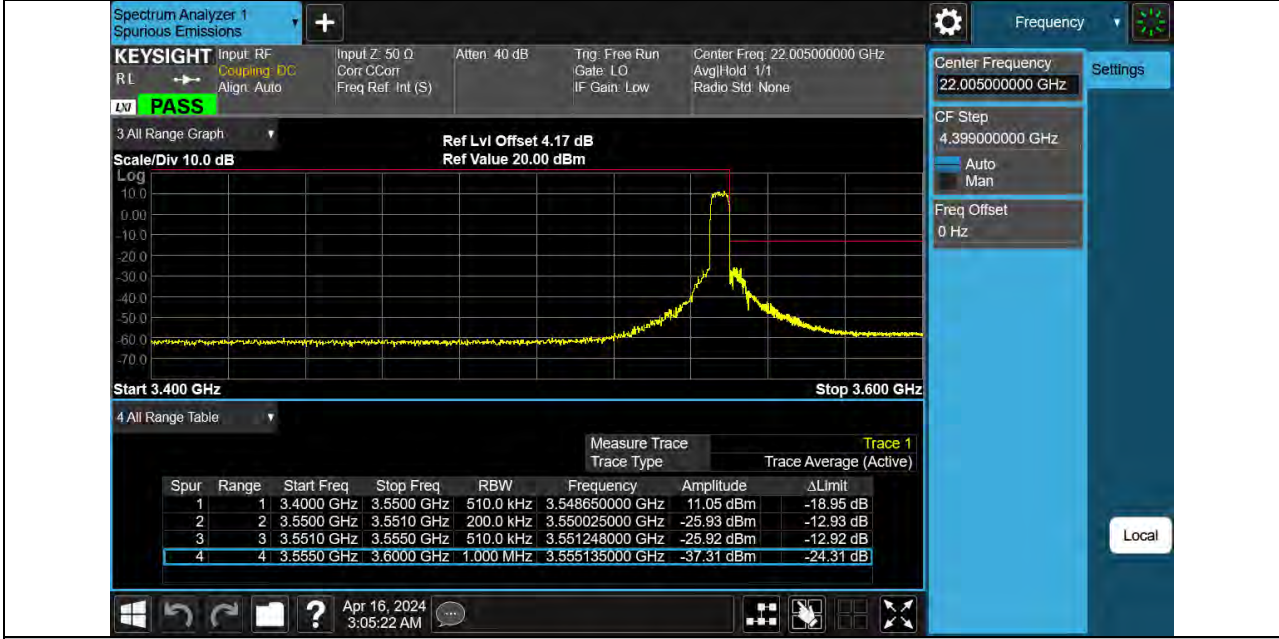


BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band42 5MHz QPSK 43065 1RB#24

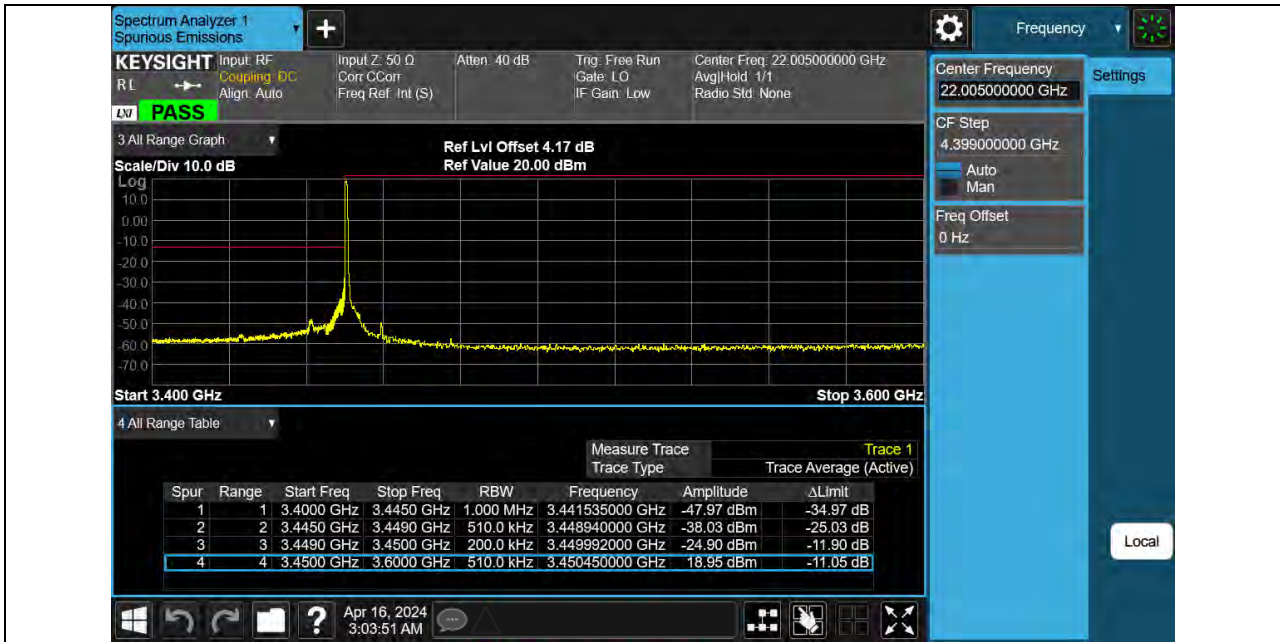


Band42_5MHz_QPSK_43065_25RB#0

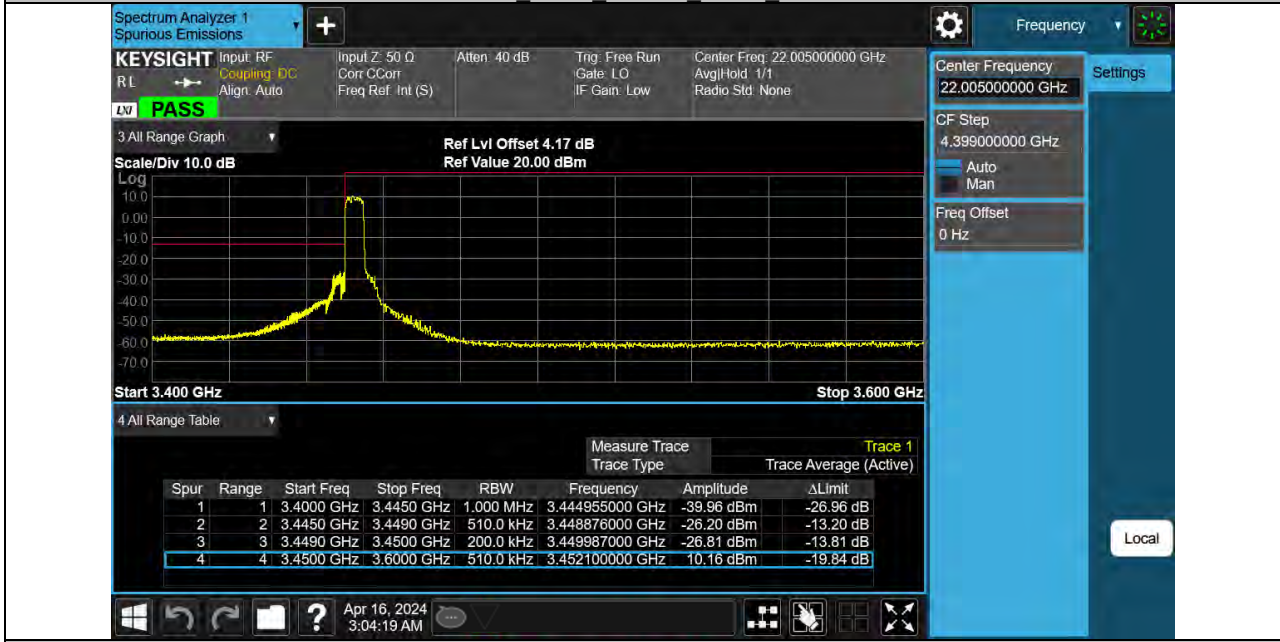


BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band42_5MHz_16QAM_42115_1RB#0

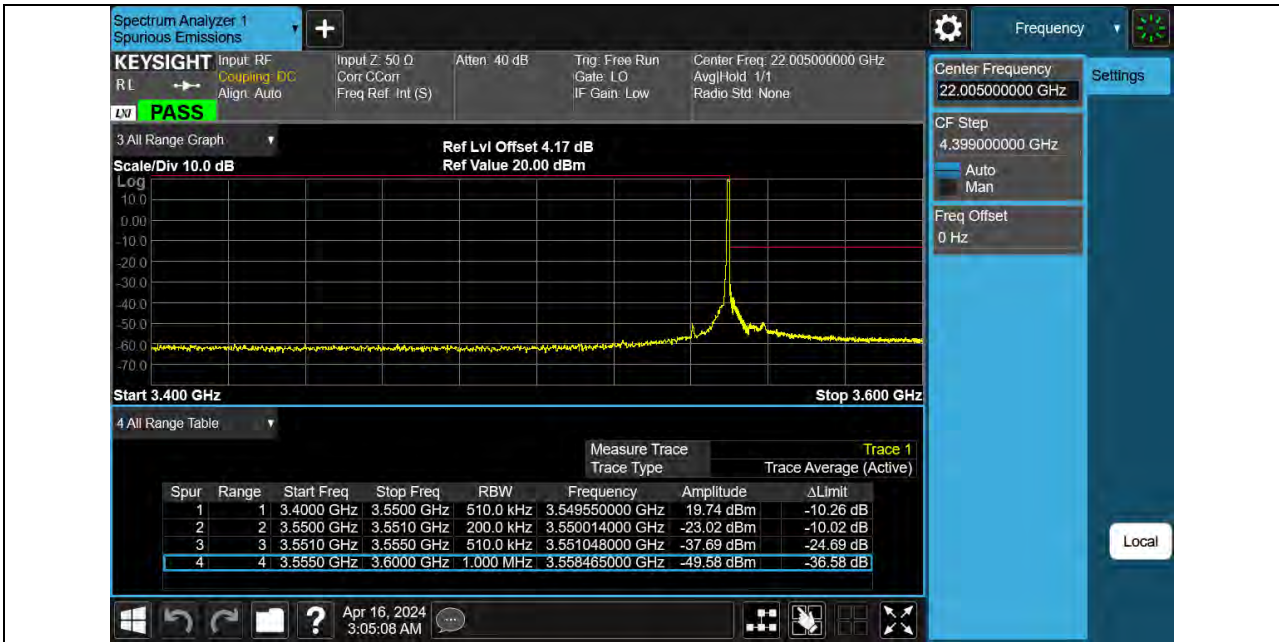


Band42_5MHz_16QAM_42115_25RB#0

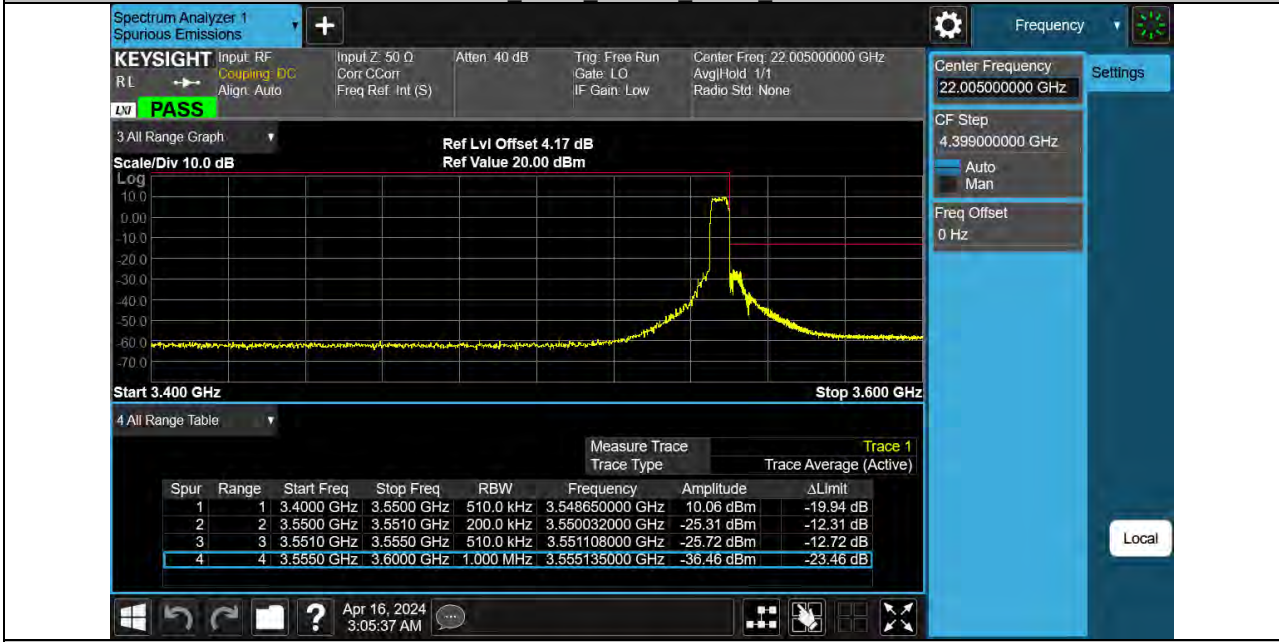


BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band42_5MHz_16QAM_43065_1RB#24

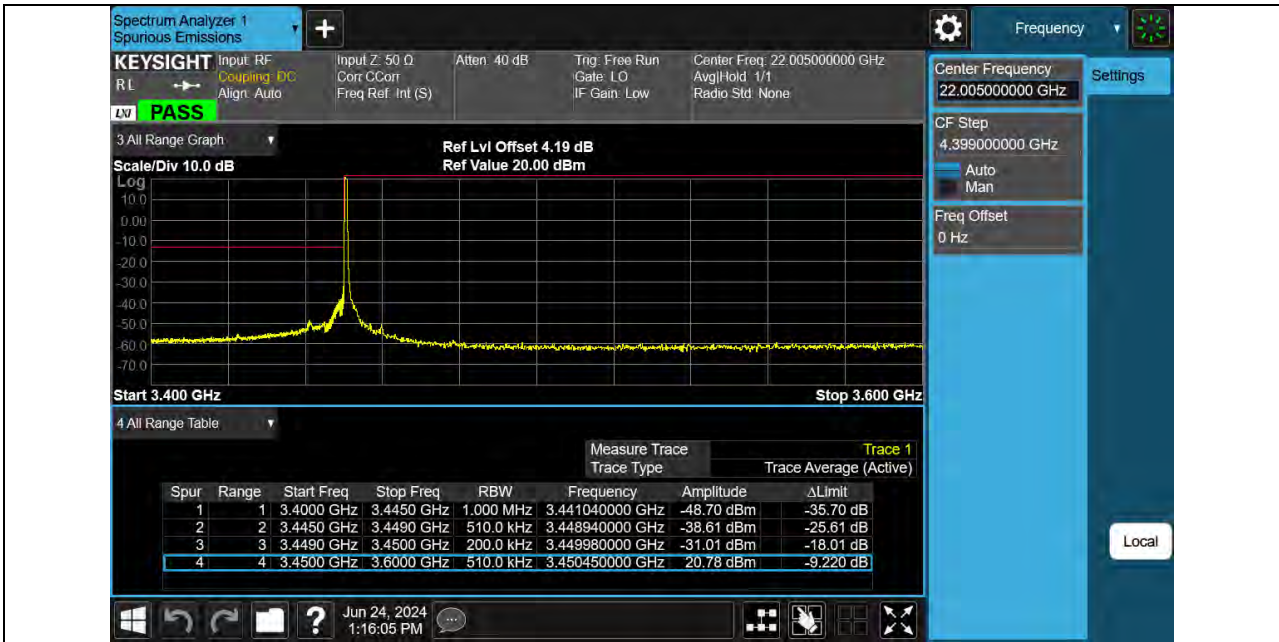


Band42_5MHz_16QAM_43065_25RB#0

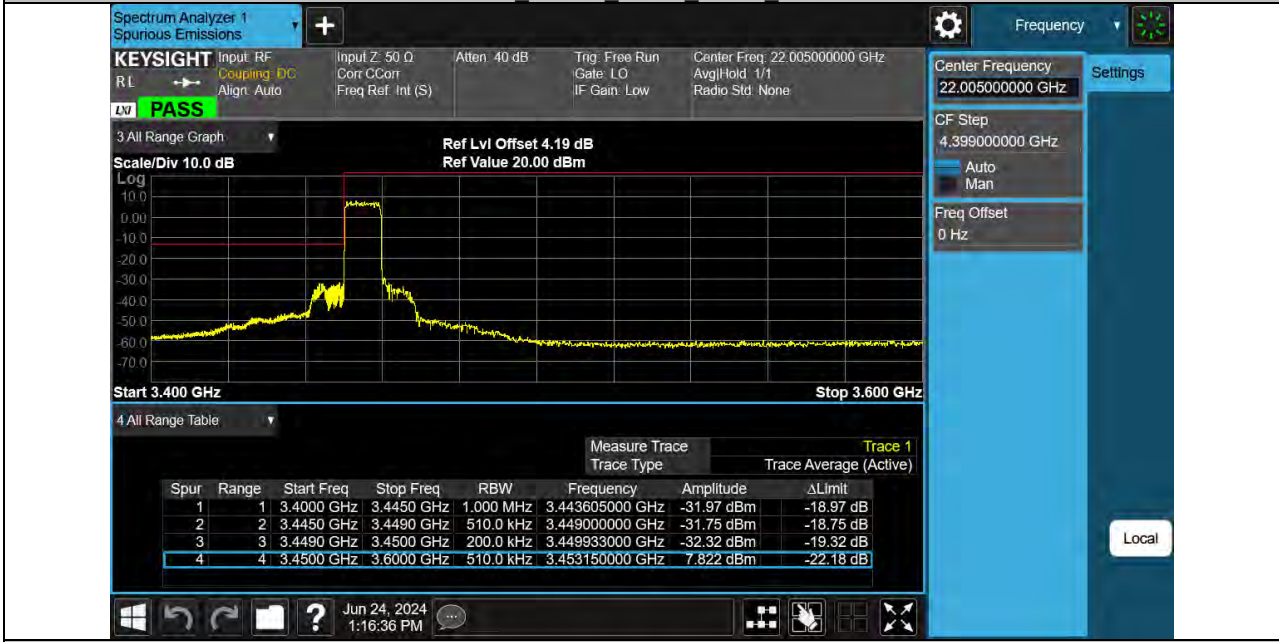


BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band42_10MHz_QPSK_42140_1RB#0

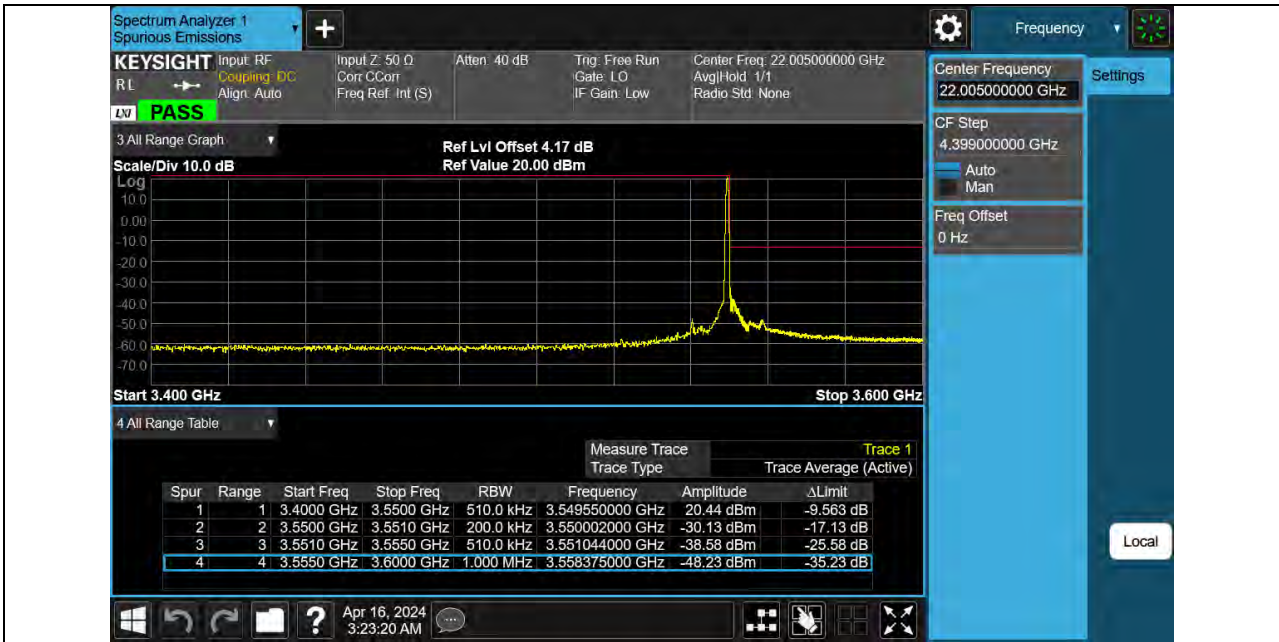


Band42_10MHz_QPSK_42140_50RB#0

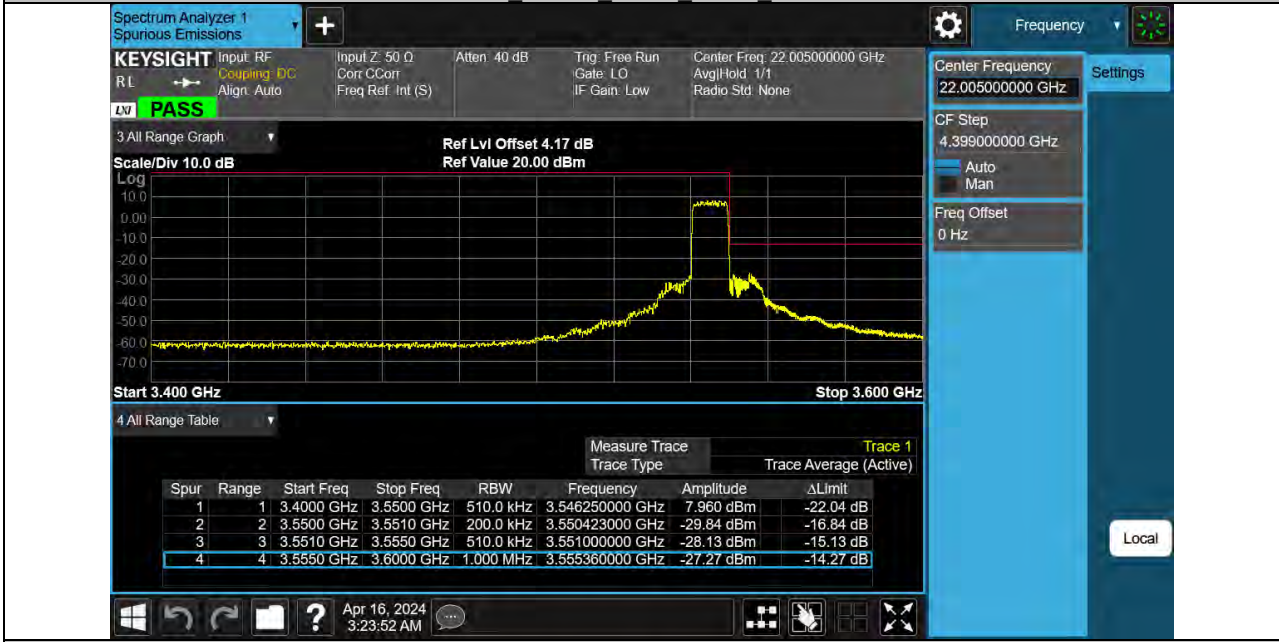


BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band2_ 10MHz_QPSK_43040_1RB#49

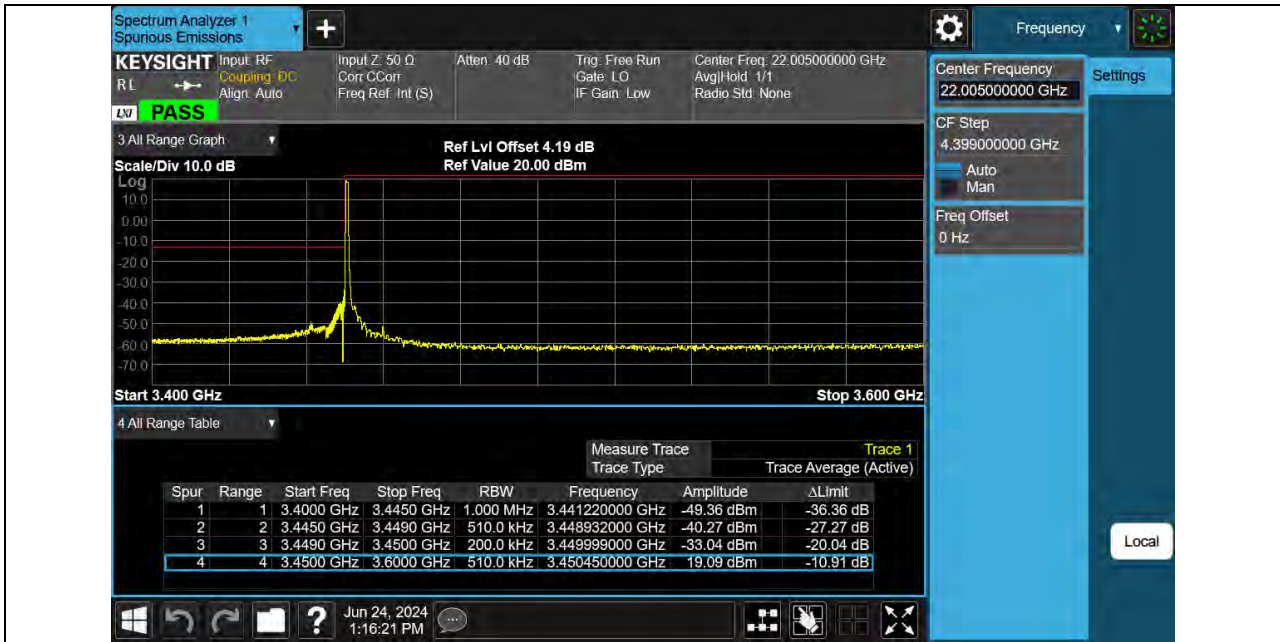


Band2_ 10MHz_QPSK_43040_50RB#0

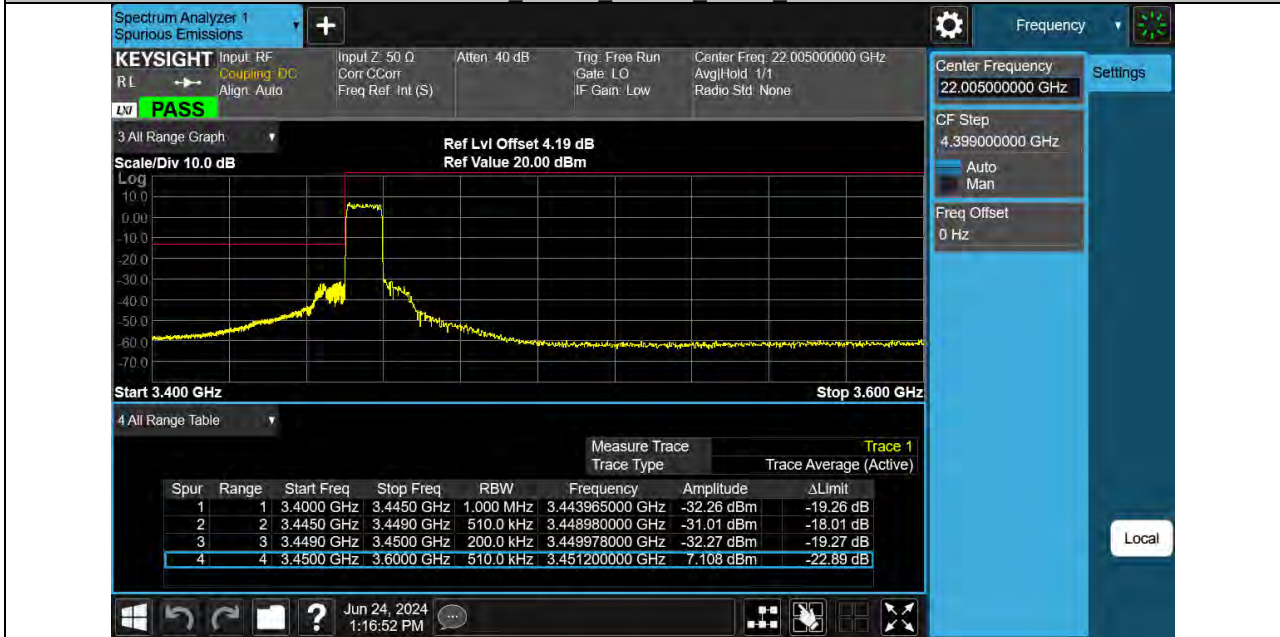


BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band42_10MHz_16QAM_42140_1RB#0

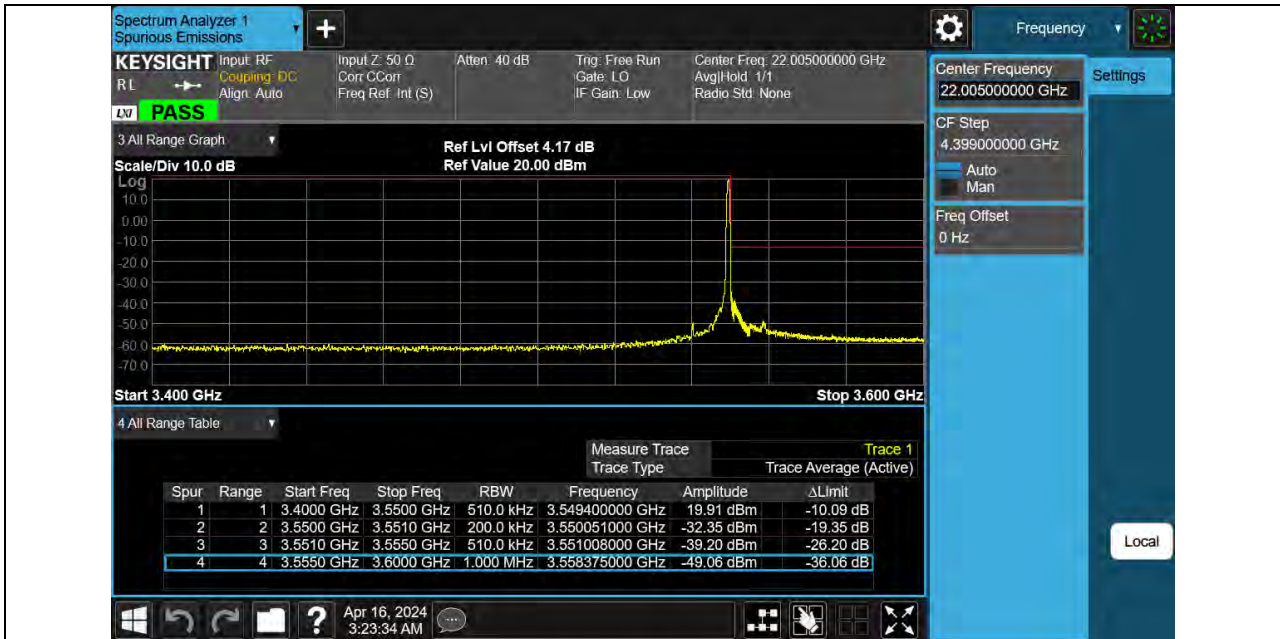


Band42_10MHz_16QAM_42140_50RB#0

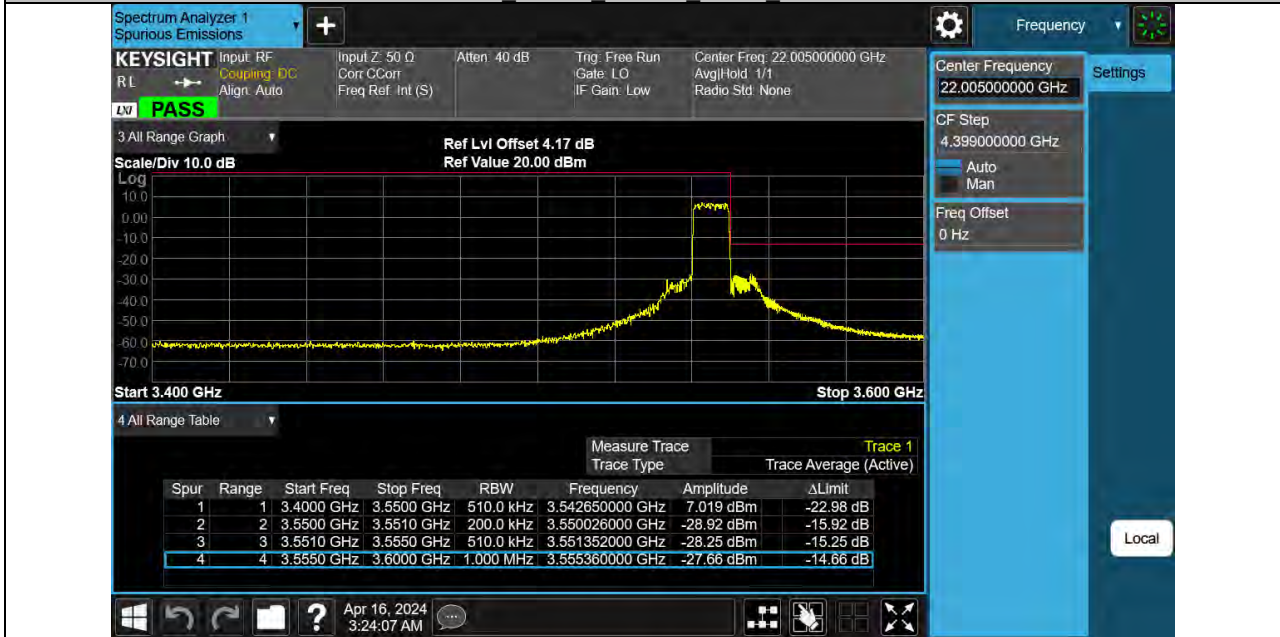


BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band42 10MHz 16QAM 43040 1RB#49

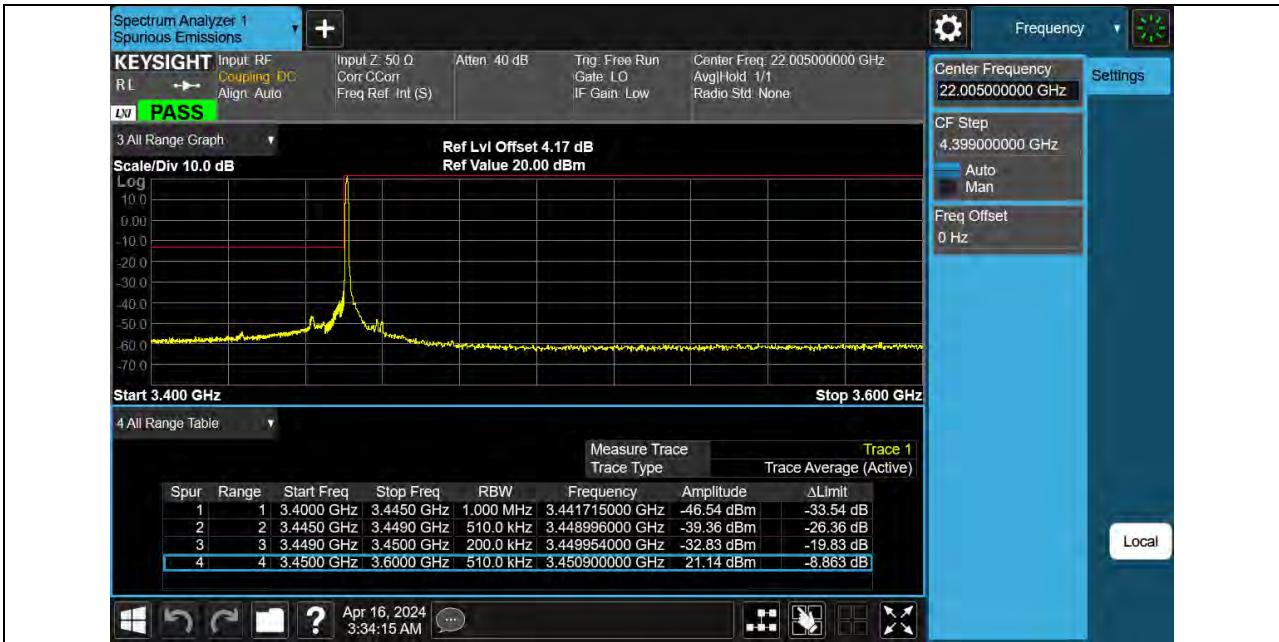


Band42_10MHz_16QAM_43040_50RB#0



BUREAU VERITAS

Reference No.: W7L-P24090003RF07



Band42_15MHz_QPSK_42165_1RB#0



Band42_15MHz_QPSK_42165_75RB#0