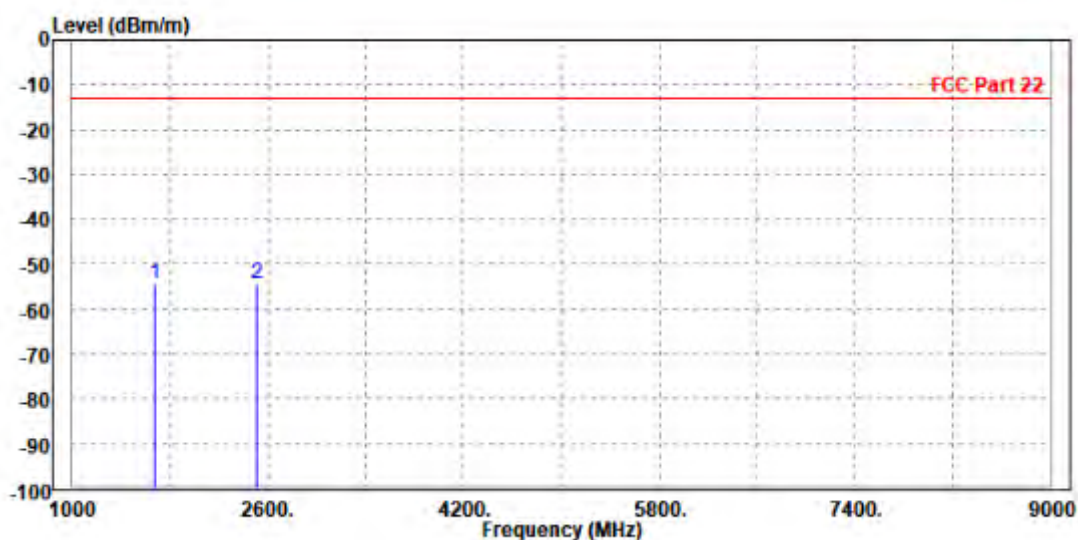


MODE	TX channel 4182	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

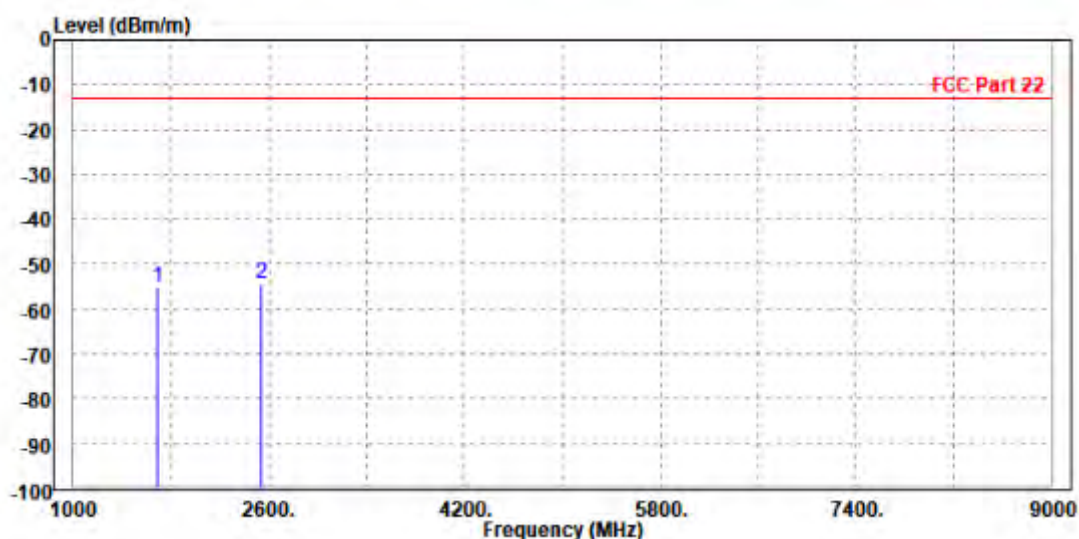
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1672.000	-54.41	-57.84	-13.00	-41.41	3.43	Peak	Vertical
2 PP	2508.000	-54.22	-60.05	-13.00	-41.22	5.83	Peak	Vertical



CH 4233:

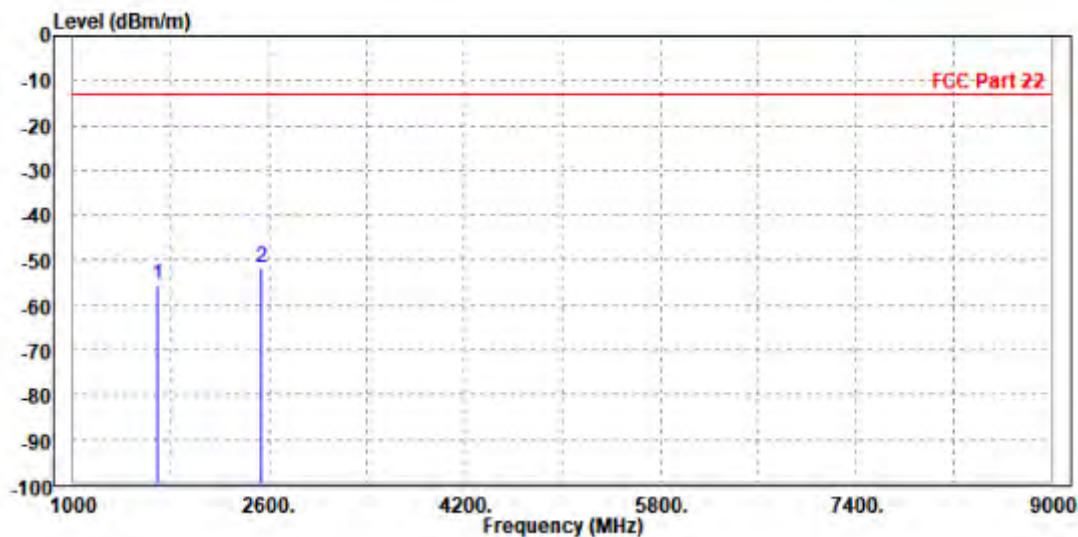
MODE	TX channel 4233	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1692.000	-55.01	-58.81	-13.00	-42.01	3.80	Peak	Horizontal
2 PP	2538.000	-54.28	-60.54	-13.00	-41.28	6.26	Peak	Horizontal



MODE	TX channel 4233	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1692.000	-55.45	-58.91	-13.00	-42.45	3.46	Peak	Vertical
2 PP	2536.000	-51.82	-57.82	-13.00	-38.82	6.00	Peak	Vertical





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VERITAS

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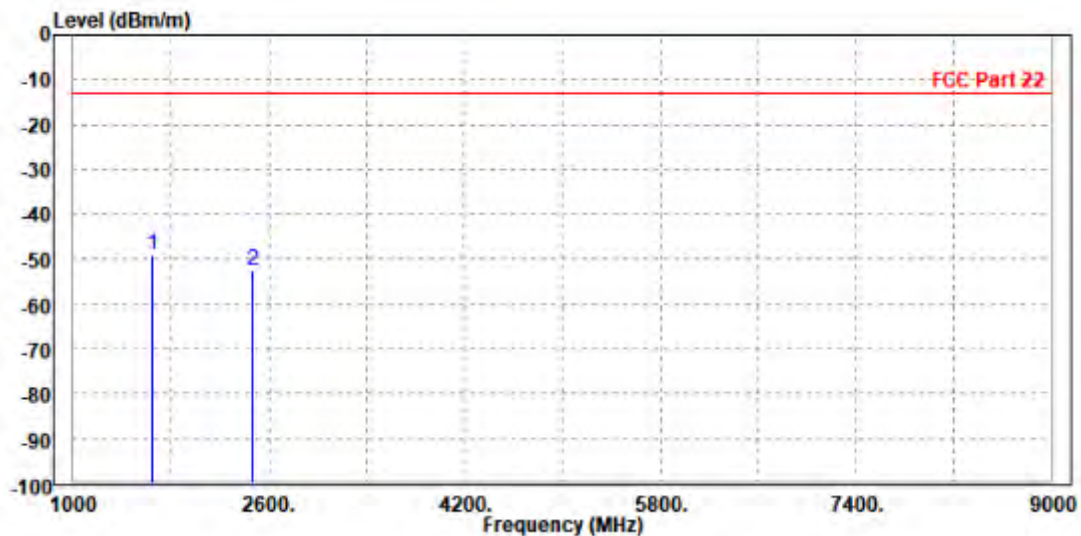
LTE Band 26(Ant1) (DOWN):

CHANNEL BANDWIDTH: 1.4MHz / QPSK

CH26797

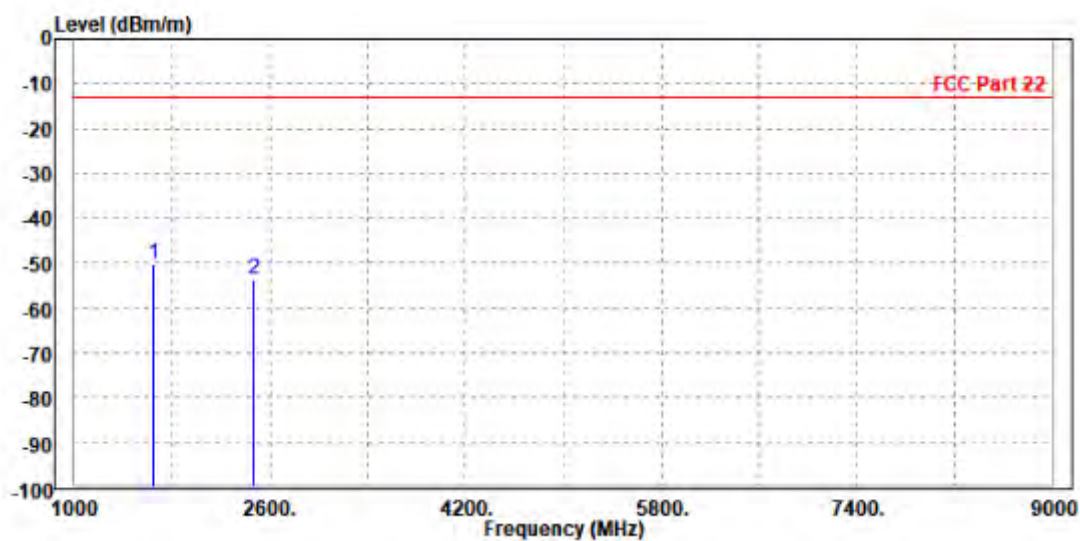
MODE	TX channel 26797	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1648.000	-49.19	-52.85	-13.00	-36.19	3.66	Peak	Horizontal
2	2472.000	-52.42	-58.44	-13.00	-39.42	6.02	Peak	Horizontal



MODE	TX channel 26797	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1648.000	-50.11	-53.50	-13.00	-37.11	3.39	Peak	Vertical
2	2472.000	-53.71	-59.39	-13.00	-40.71	5.68	Peak	Vertical





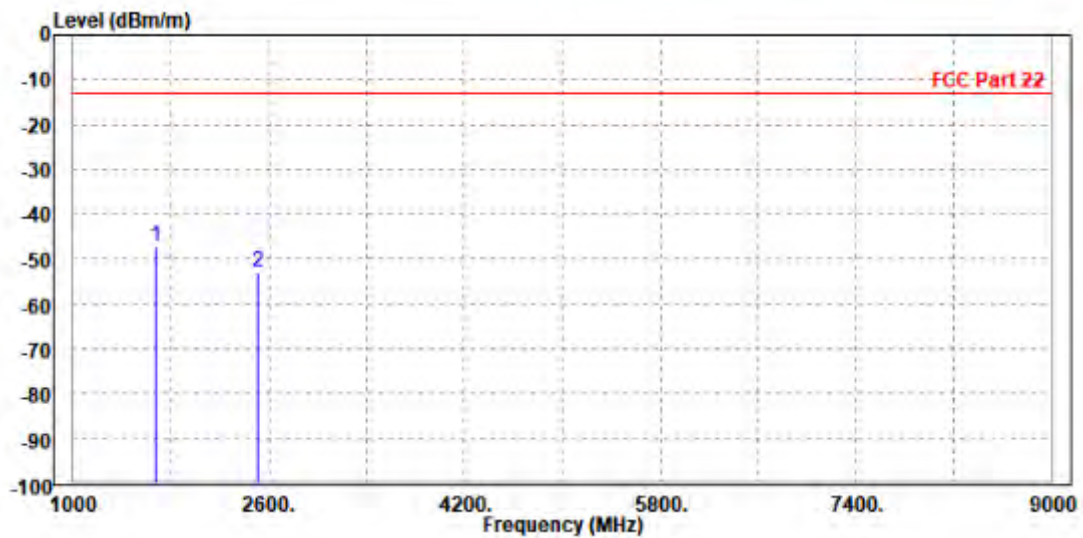
BUREAU
VERITAS

Test Report No.: W7L-P24050014RF05

CH26915

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	1673.000	-47.27	-51.01	-13.00	-34.27	3.74	Peak	Horizontal
2	2512.000	-52.87	-59.02	-13.00	-39.87	6.15	Peak	Horizontal



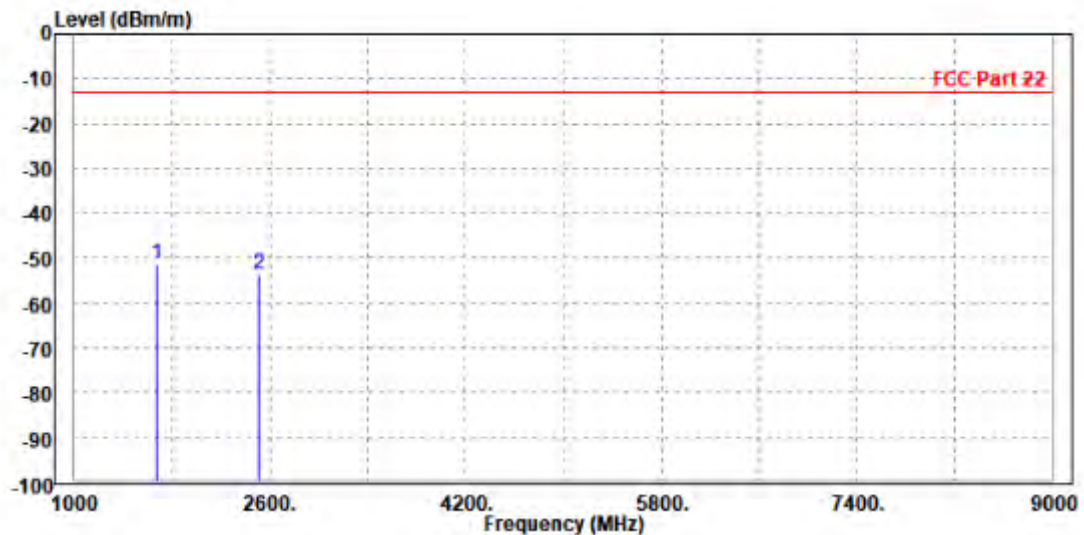


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VERITAS**

Test Report No.: W7L-P24050014RF05

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	1672.000	-51.50	-54.93	-13.00	-38.50	3.43	Peak	Vertical
2	2509.500	-53.57	-59.41	-13.00	-40.57	5.84	Peak	Vertical





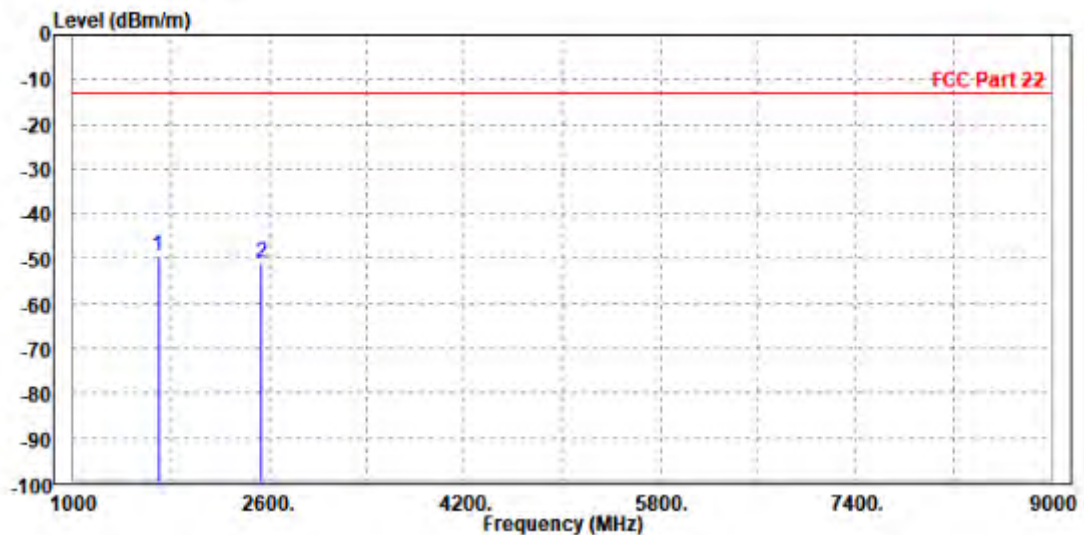
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Test Report No.: W7L-P24050014RF05

CH27033

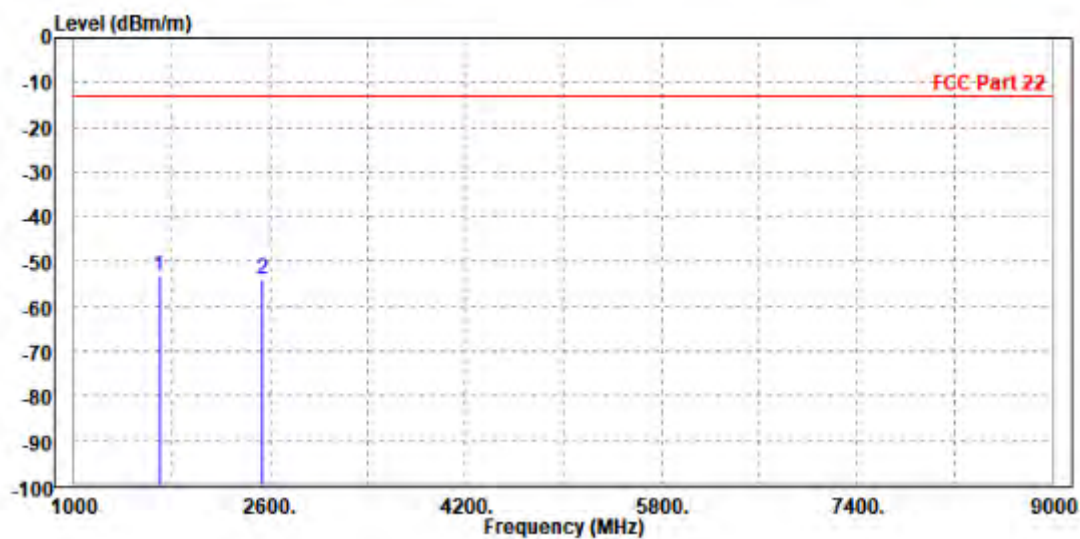
MODE	TX channel 27033	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1696.000	-49.51	-53.32	-13.00	-36.51	3.81	Peak	Horizontal
2	2544.000	-51.01	-57.30	-13.00	-38.01	6.29	Peak	Horizontal



MODE	TX channel 27033	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

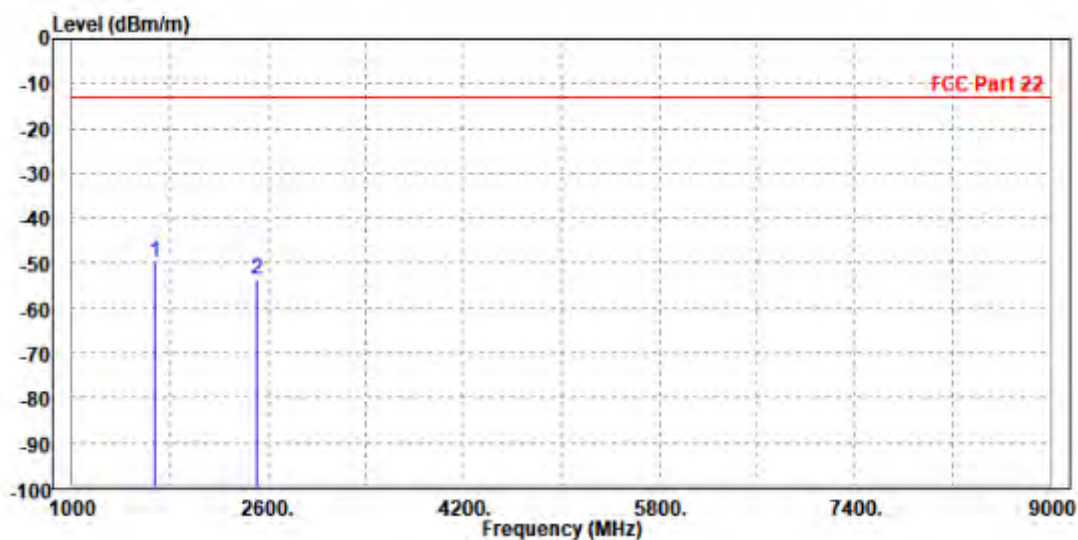
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1696.000	-53.25	-56.72	-13.00	-40.25	3.47	Peak	Vertical
2	2544.000	-53.84	-59.89	-13.00	-40.84	6.05	Peak	Vertical



CHANNEL BANDWIDTH: 3MHz / QPSK

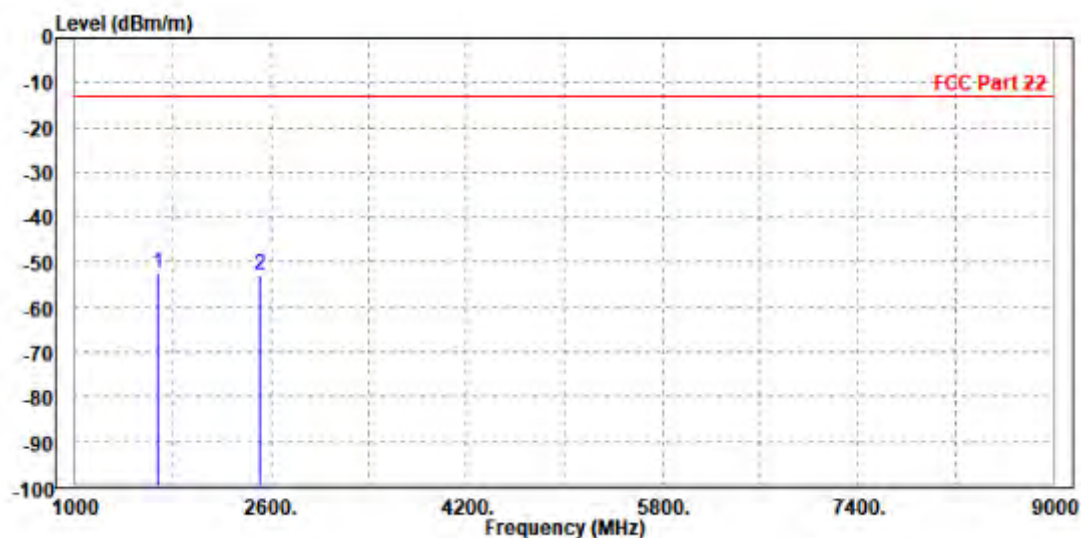
MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	1672.000	-49.79	-53.52	-13.00	-36.79	3.73	Peak	Horizontal
2	2509.500	-53.71	-59.85	-13.00	-40.71	6.14	Peak	Horizontal



MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

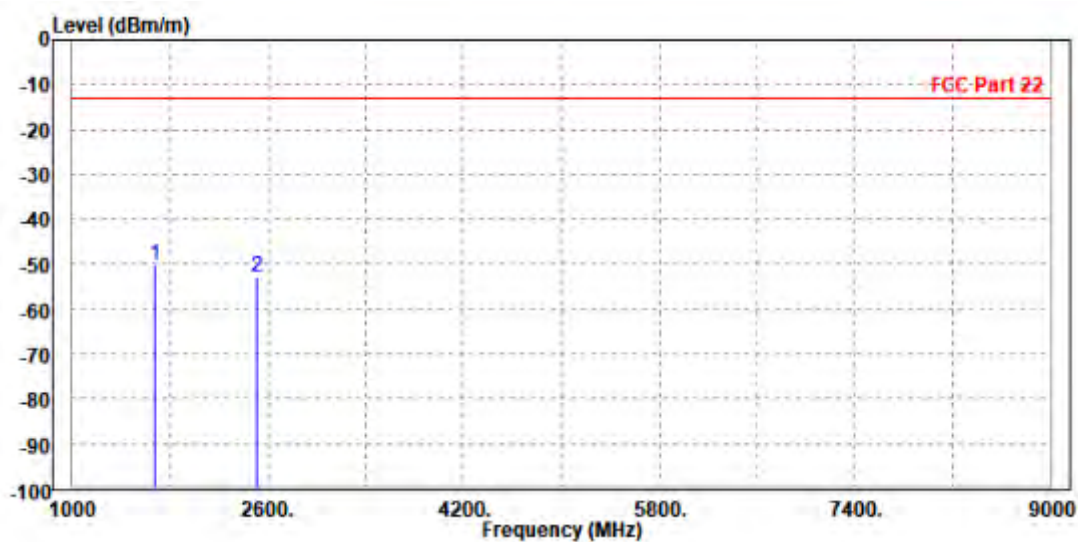
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	1673.000	-52.54	-55.97	-13.00	-39.54	3.43	Peak	Vertical
2	2512.000	-52.85	-58.70	-13.00	-39.85	5.85	Peak	Vertical



CHANNEL BANDWIDTH: 5MHz / QPSK

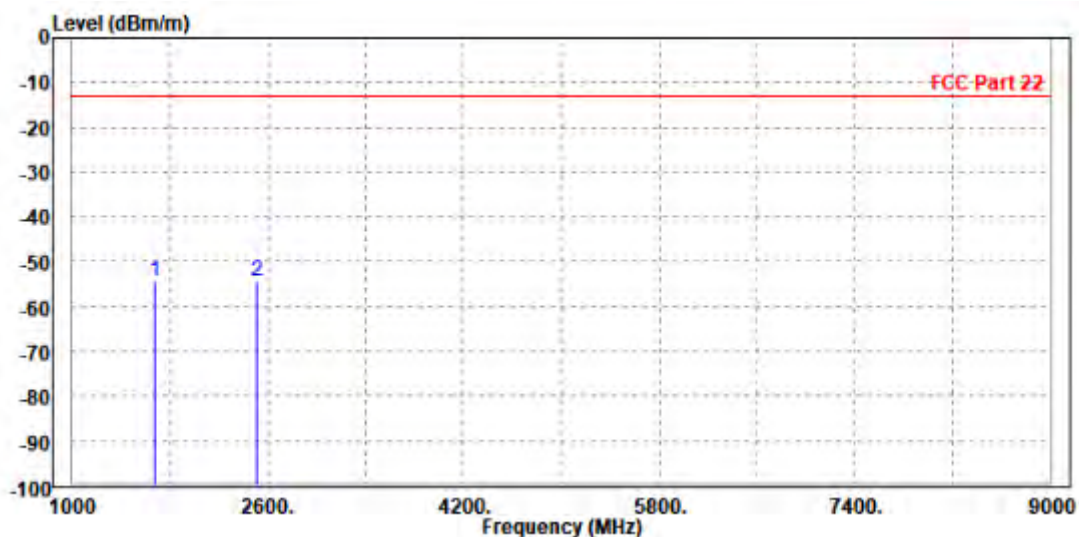
MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	1673.000	-50.30	-54.04	-13.00	-37.30	3.74	Peak	Horizontal
2	2512.000	-52.82	-58.97	-13.00	-39.82	6.15	Peak	Horizontal



MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

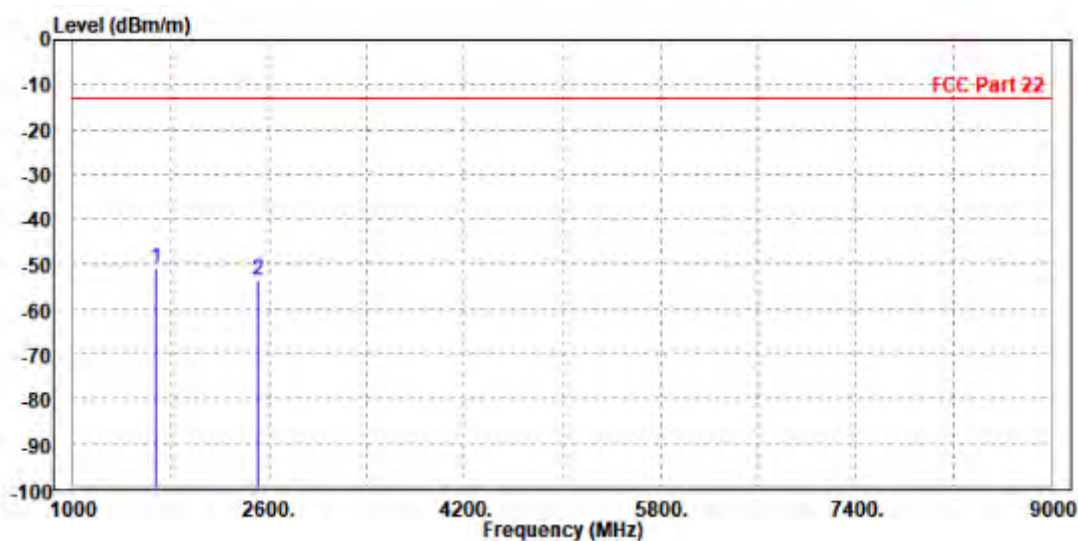
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1672.000	-54.55	-57.98	-13.00	-41.55	3.43	Peak	Vertical
2 PP	2509.500	-54.37	-60.21	-13.00	-41.37	5.84	Peak	Vertical



CHANNEL BANDWIDTH: 10MHz / QPSK

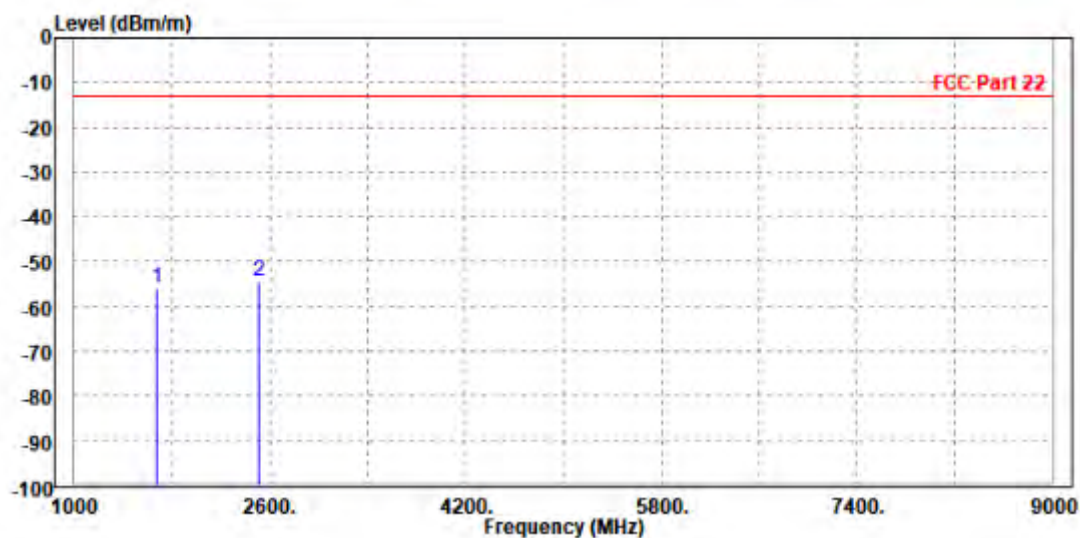
MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	1672.000	-51.07	-54.80	-13.00	-38.07	3.73	Peak	Horizontal
2		2509.500	-53.56	-59.70	-13.00	-40.56	6.14	Peak	Horizontal



MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

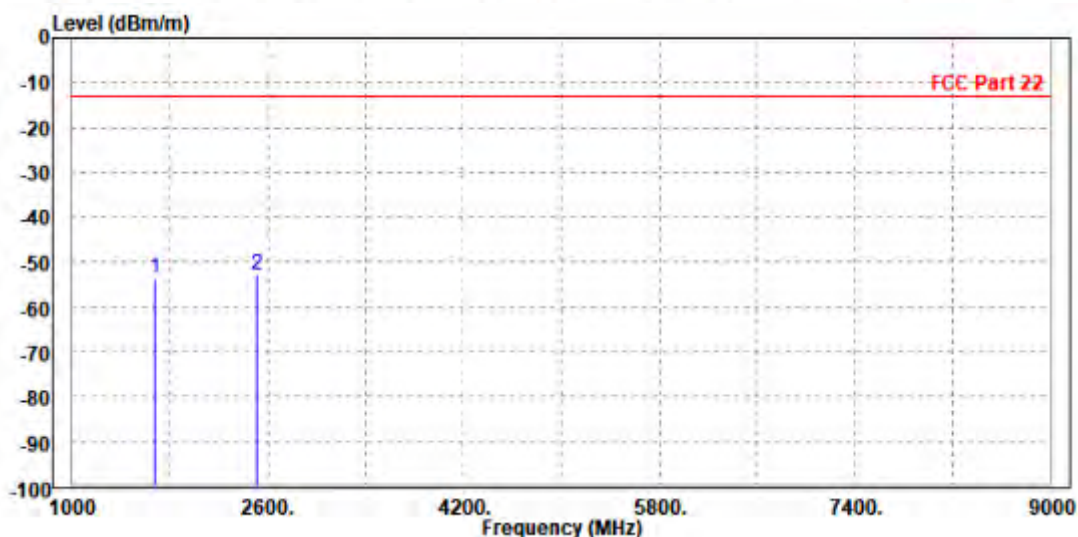
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1673.000	-55.73	-59.16	-13.00	-42.73	3.43	Peak	Vertical
2 PP	2512.000	-54.52	-60.37	-13.00	-41.52	5.85	Peak	Vertical



CHANNEL BANDWIDTH: 15MHz / QPSK

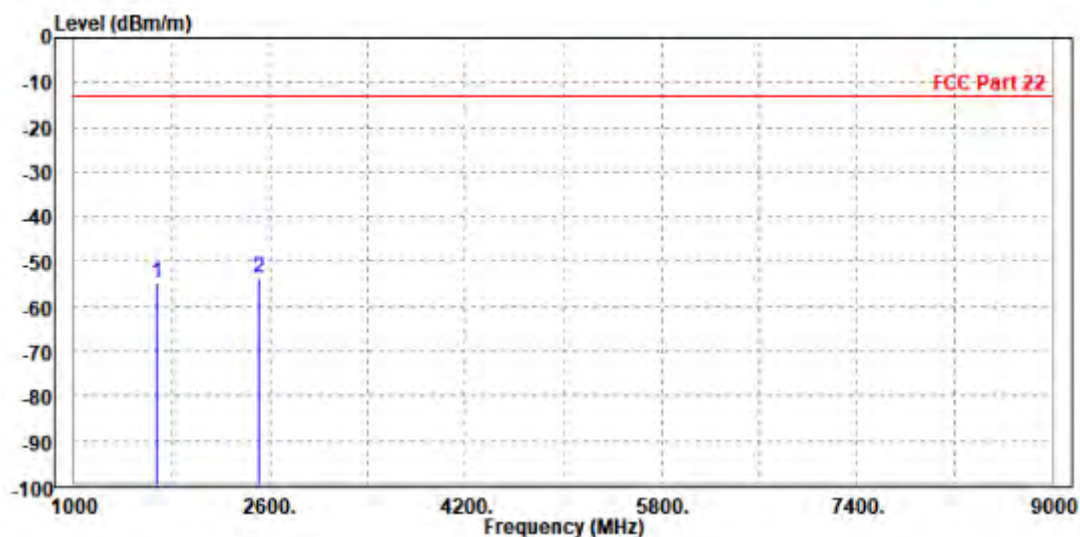
MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1672.000	-53.79	-57.52	-13.00	-40.79	3.73	Peak	Horizontal
2 PP	2509.500	-52.80	-58.94	-13.00	-39.80	6.14	Peak	Horizontal



MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1673.000	-54.92	-58.35	-13.00	-41.92	3.43	Peak	Vertical
2 PP	2512.000	-53.42	-59.27	-13.00	-40.42	5.85	Peak	Vertical

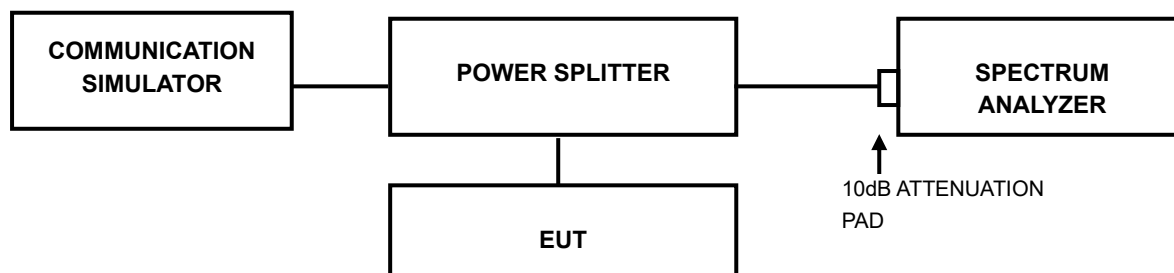


3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth.
2. Set the number of counts to a value that stabilizes the measured CCDF curve.
3. Record the maximum PAPR level associated with a probability of 0.1%.



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3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.



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4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



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5 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Shenzhen EMC/RF Lab:

Tel: +86-755-88696566

Fax: +86-755-88696577

Email: customerservice.sw@bureauveritas.com

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.

6 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.



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7 APPENDIX

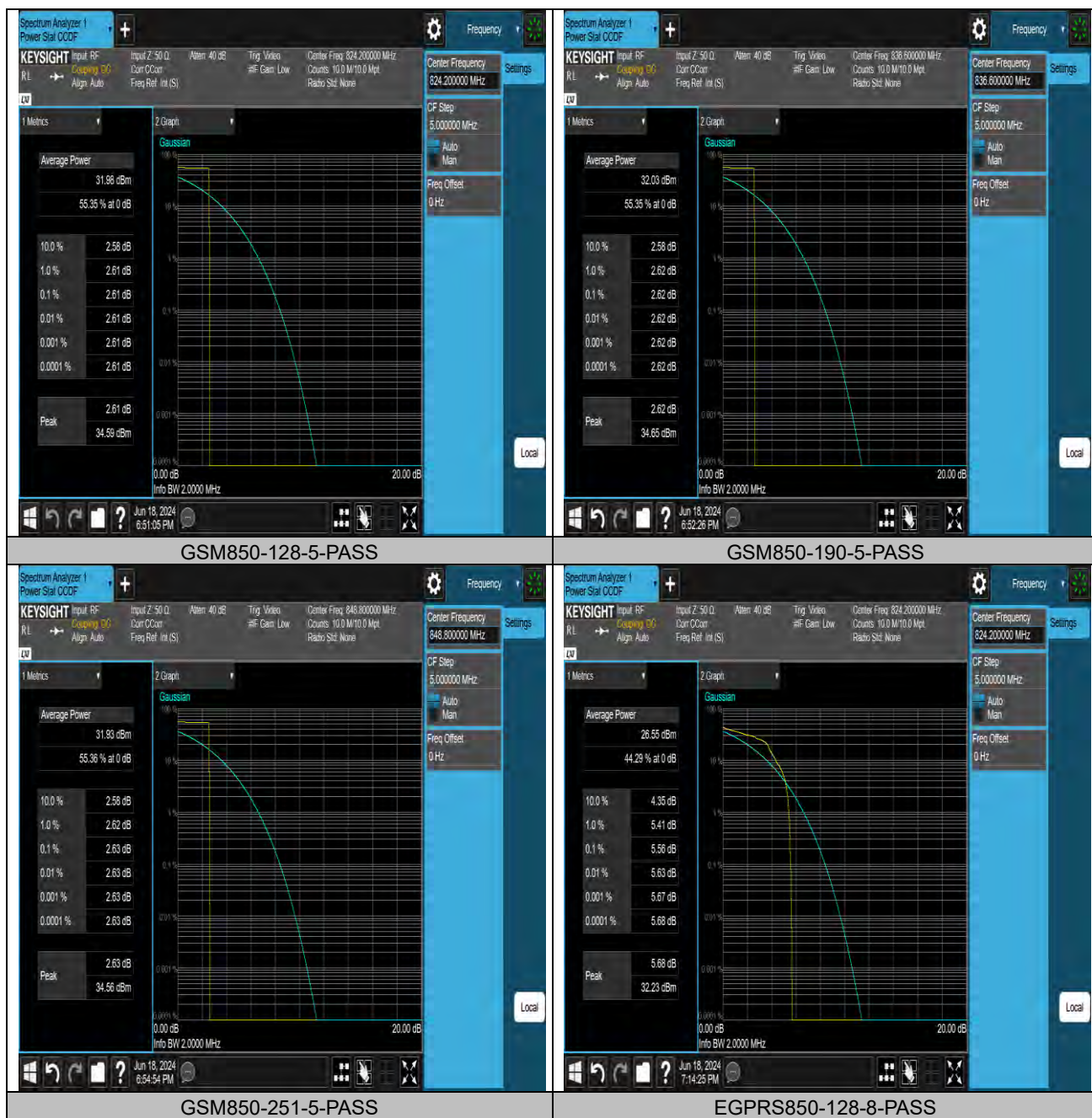
GSM 850

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	2.61	13	PASS
GSM850	190	2.62	13	PASS
GSM850	251	2.63	13	PASS
EGPRS850	128	5.56	13	PASS
EGPRS850	190	5.55	13	PASS
EGPRS850	251	5.57	13	PASS

Test Graphs





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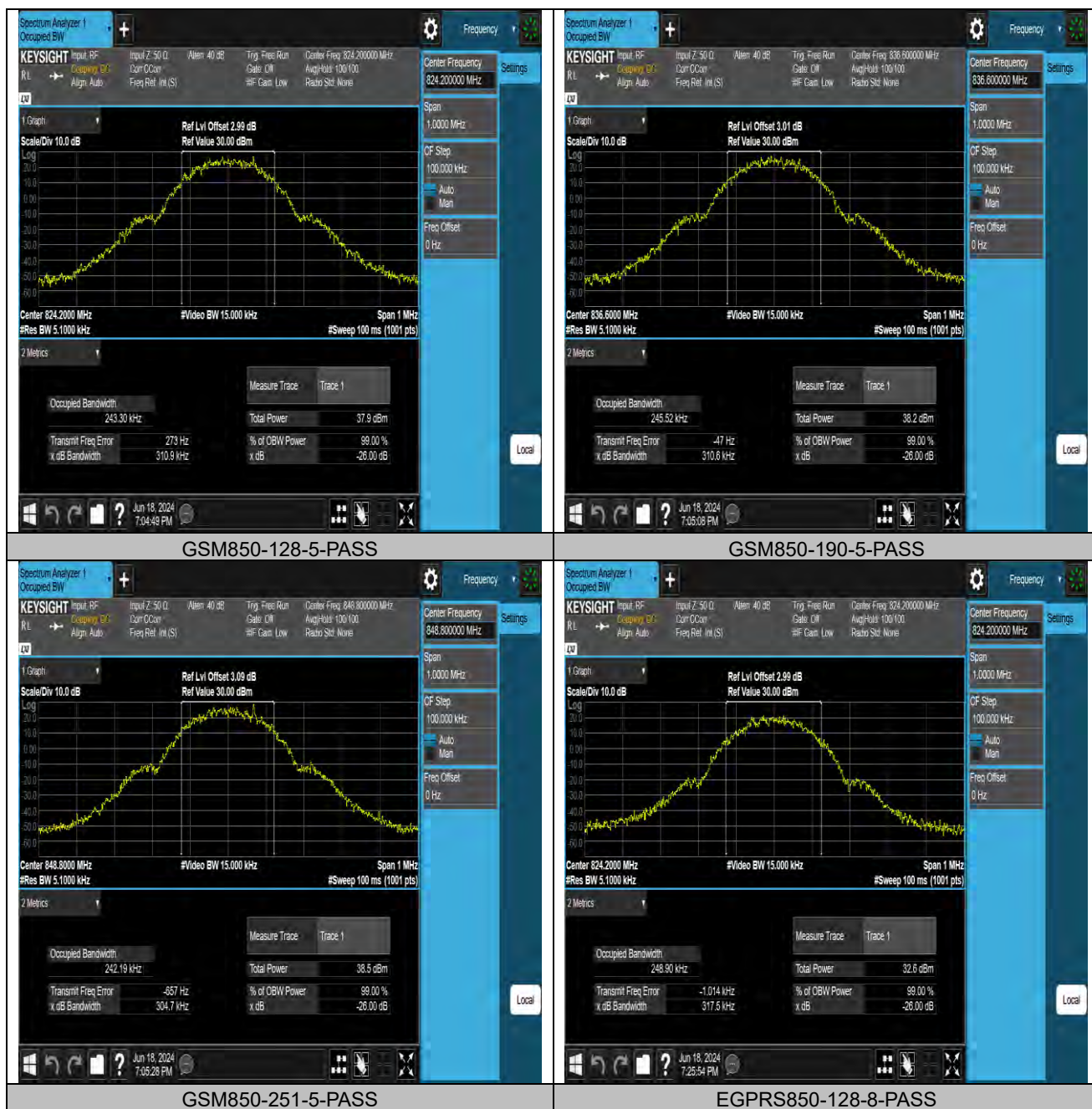


26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.24330	0.3109	---	PASS
GSM850	190	0.24552	0.3106	---	PASS
GSM850	251	0.24219	0.3047	---	PASS
EGPRS850	128	0.24890	0.3175	---	PASS
EGPRS850	190	0.25077	0.3097	---	PASS
EGPRS850	251	0.24688	0.3101	---	PASS

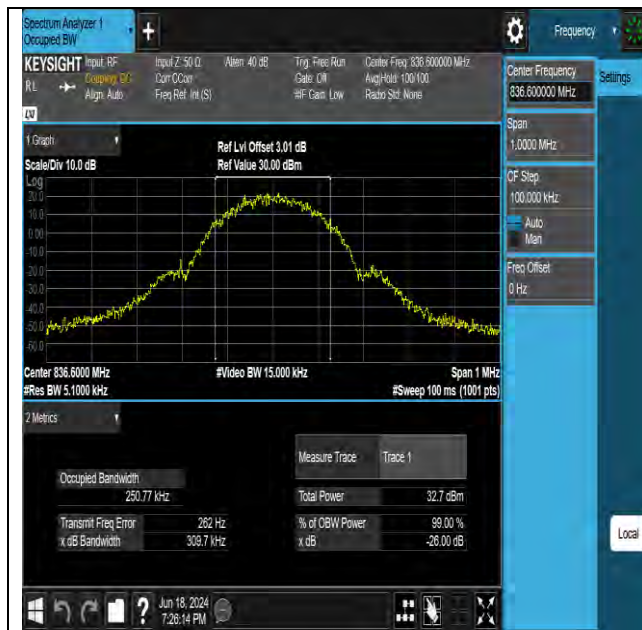
Test Graphs



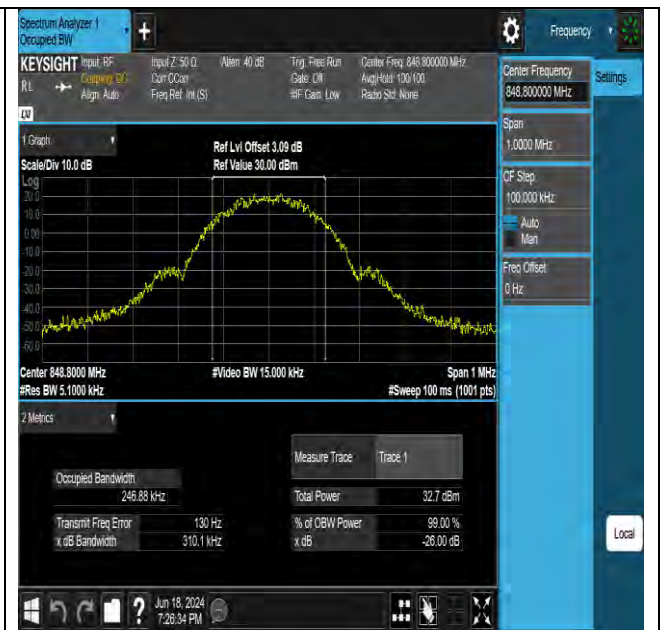


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EGPRS850-190-8-PASS



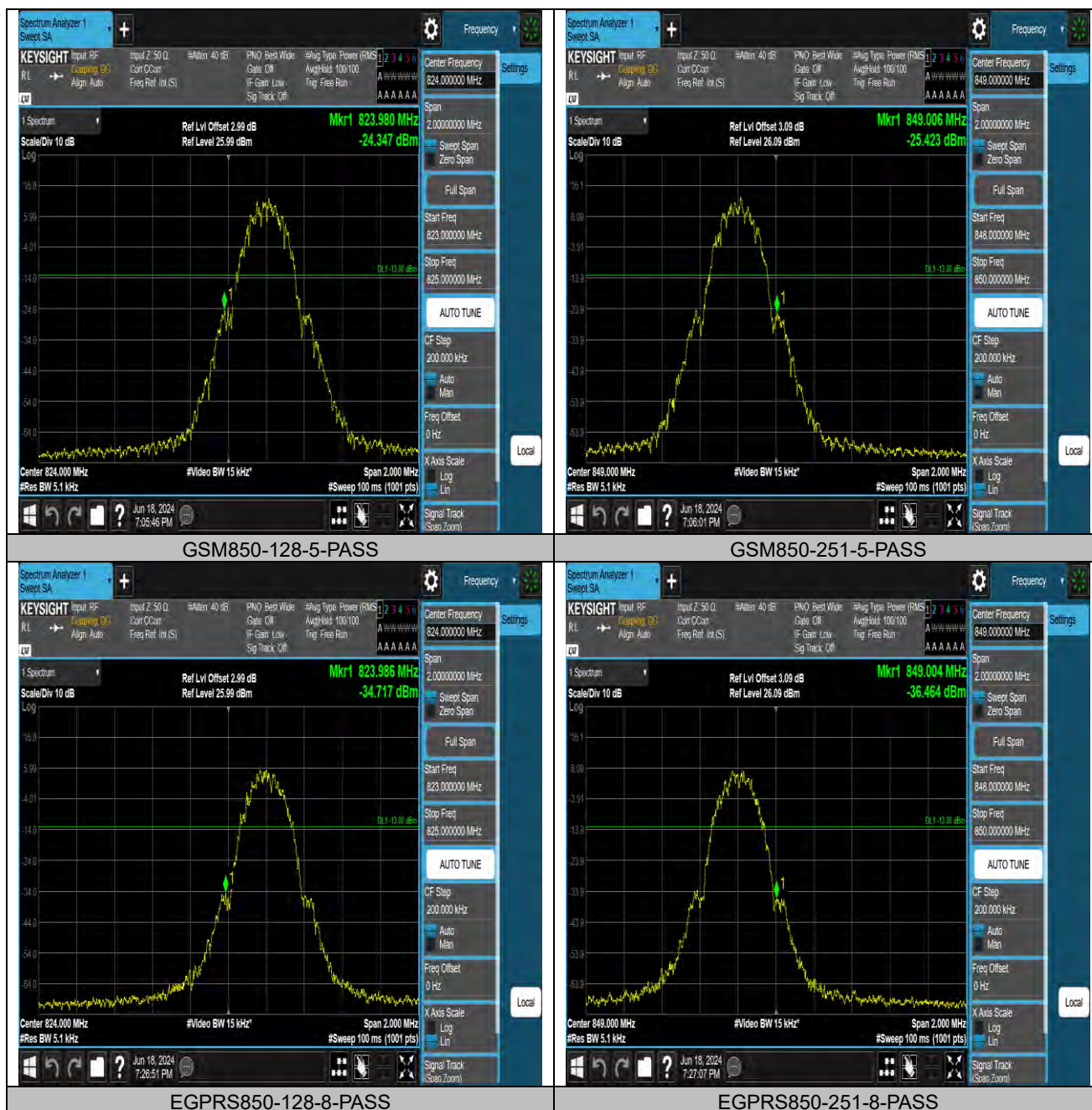
EGPRS850-251-8-PASS

BAND EDGE

Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	823.98	-24.35	-13	PASS
GSM850	251	849.01	-25.42	-13	PASS
EGPRS850	128	823.99	-34.72	-13	PASS
EGPRS850	251	849.00	-36.46	-13	PASS

Test Graphs



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM850	128	30~1000MHz	930.84	-49.23	-13	PASS
GSM850	128	1000~10000MHz	3867.85	-41.67	-13	PASS
GSM850	190	30~1000MHz	940.73	-49.35	-13	PASS
GSM850	190	1000~10000MHz	3852.1	-41.71	-13	PASS
GSM850	251	30~1000MHz	745.08	-49.49	-13	PASS
GSM850	251	1000~10000MHz	3846.7	-41.52	-13	PASS
EGPRS850	128	30~1000MHz	947.72	-49.47	-13	PASS
EGPRS850	128	1000~10000MHz	3836.35	-41.66	-13	PASS
EGPRS850	190	30~1000MHz	954.8	-49.34	-13	PASS
EGPRS850	190	1000~10000MHz	3859.3	-41.71	-13	PASS
EGPRS850	251	30~1000MHz	990.59	-49	-13	PASS
EGPRS850	251	1000~10000MHz	3810.25	-41.72	-13	PASS

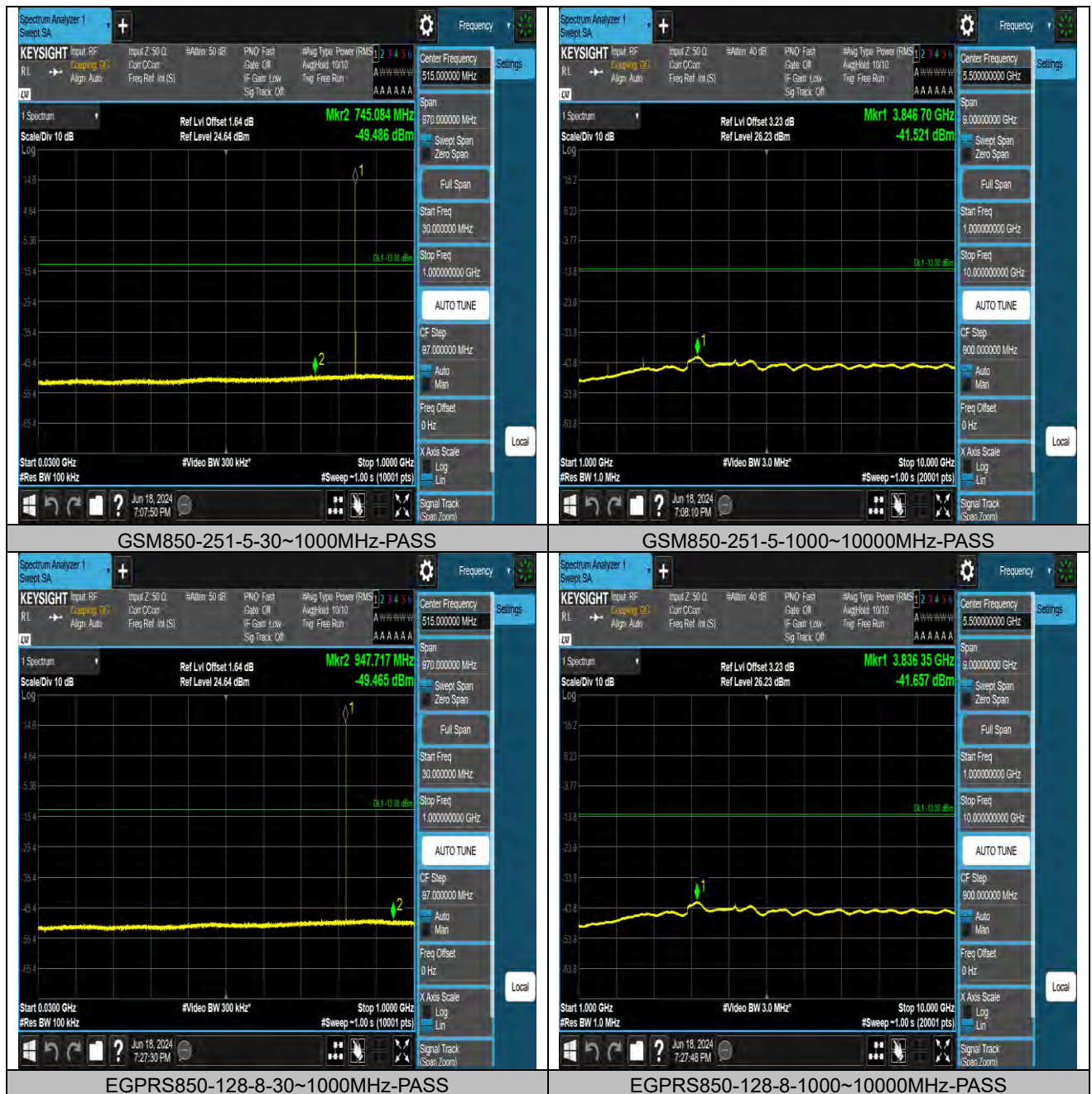
Test Graphs





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

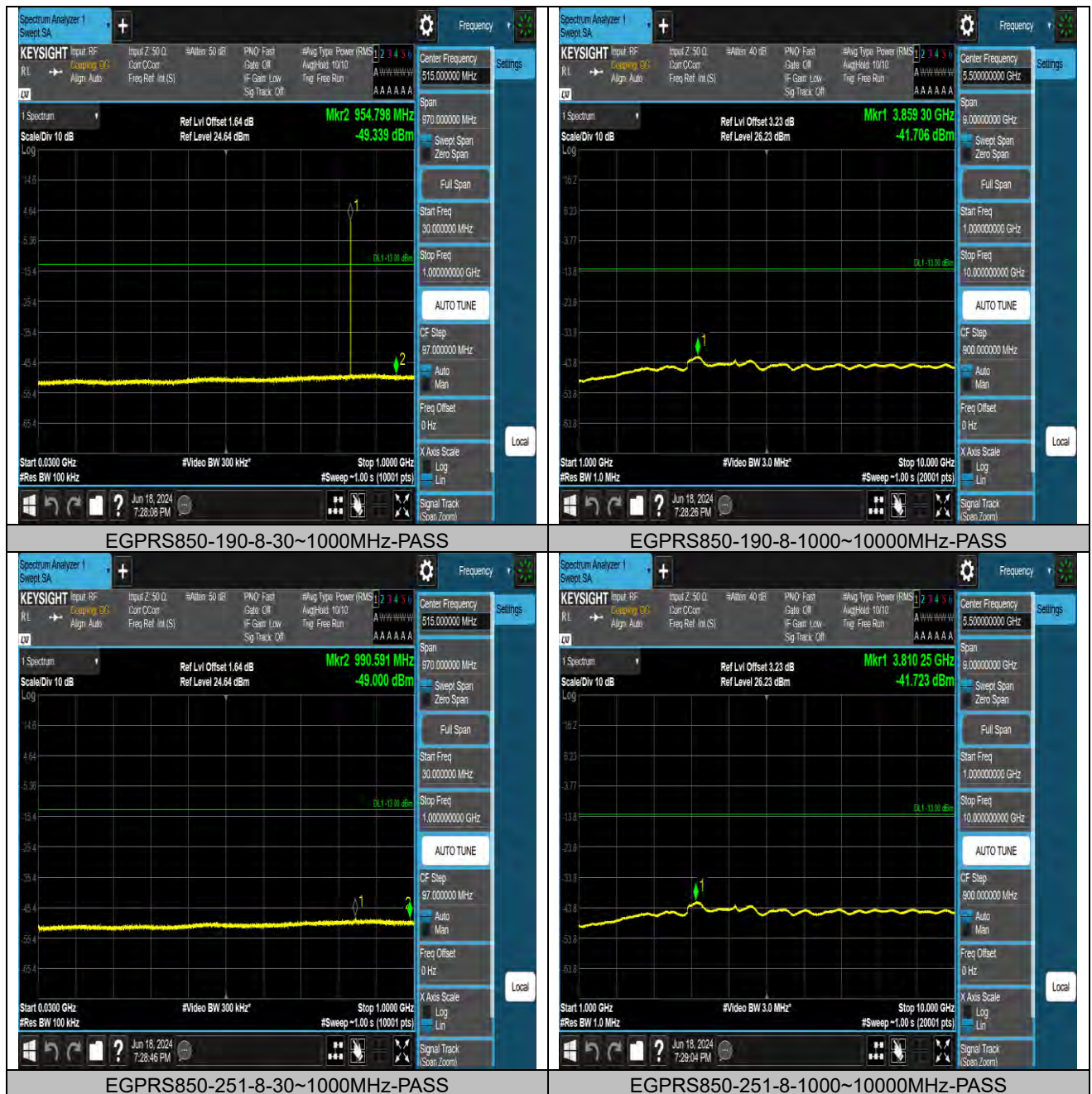
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



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FREQUENCY STABILITY

Test Result

Voltage									
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
GSM850	128	VN	NT	1070.00	1.298229	824.07717	---	824-849	PASS
GSM850	128	VL	NT	-130.00	-0.157729	824.077995	---	824-849	PASS
GSM850	128	VH	NT	990.00	1.201165	824.078855	---	824-849	PASS
GSM850	251	VN	NT	500.00	0.589067	---	848.9235	824-849	PASS
GSM850	251	VL	NT	890.00	1.048539	---	848.924415	824-849	PASS
GSM850	251	VH	NT	960.00	1.131008	---	848.924155	824-849	PASS

Temperature									
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
GSM850	128	NV	-30	130.00	0.157729	824.077745	---	824-849	PASS
GSM850	128	NV	-20	440.00	0.533851	824.078025	---	824-849	PASS
GSM850	128	NV	-10	-200.00	-0.242660	824.076595	---	824-849	PASS
GSM850	128	NV	0	240.00	0.291191	824.077065	---	824-849	PASS
GSM850	128	NV	10	1840.00	2.232468	824.079625	---	824-849	PASS
GSM850	128	NV	20	-550.00	-0.667314	824.078515	---	824-849	PASS
GSM850	128	NV	30	550.00	0.667314	824.07807	---	824-849	PASS
GSM850	128	NV	40	390.00	0.473186	824.077635	---	824-849	PASS
GSM850	128	NV	50	20.00	0.024266	824.077165	---	824-849	PASS
GSM850	251	NV	-30	530.00	0.624411	---	848.923215	824-849	PASS
GSM850	251	NV	-20	670.00	0.789350	---	848.92323	824-849	PASS
GSM850	251	NV	-10	330.00	0.388784	---	848.92332	824-849	PASS
GSM850	251	NV	0	580.00	0.683318	---	848.922975	824-849	PASS
GSM850	251	NV	10	640.00	0.754006	---	848.9234	824-849	PASS

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							6		
GSM850	251	NV	20	-210.00	-0.247408	---	848.921435	824-849	PASS
GSM850	251	NV	30	660.00	0.777568	---	848.923605	824-849	PASS
GSM850	251	NV	40	940.00	1.107446	---	848.922345	824-849	PASS
GSM850	251	NV	50	890.00	1.048539	---	848.92306	824-849	PASS

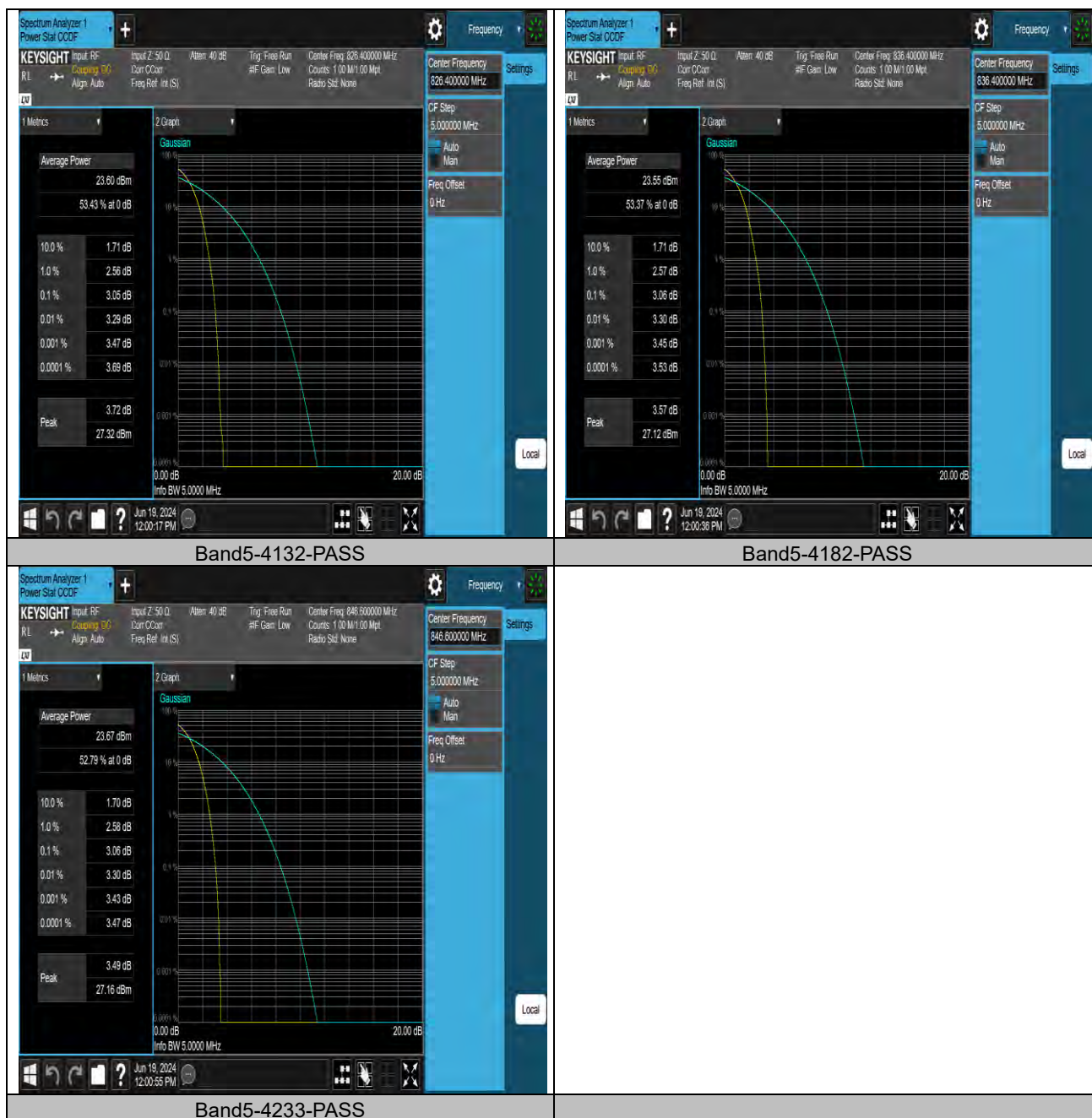
WCDMA BAND5

PEAK-TO-AVERAGE RATIO

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band5	4132	3.05	13	PASS
Band5	4182	3.06	13	PASS
Band5	4233	3.06	13	PASS

Test Graphs

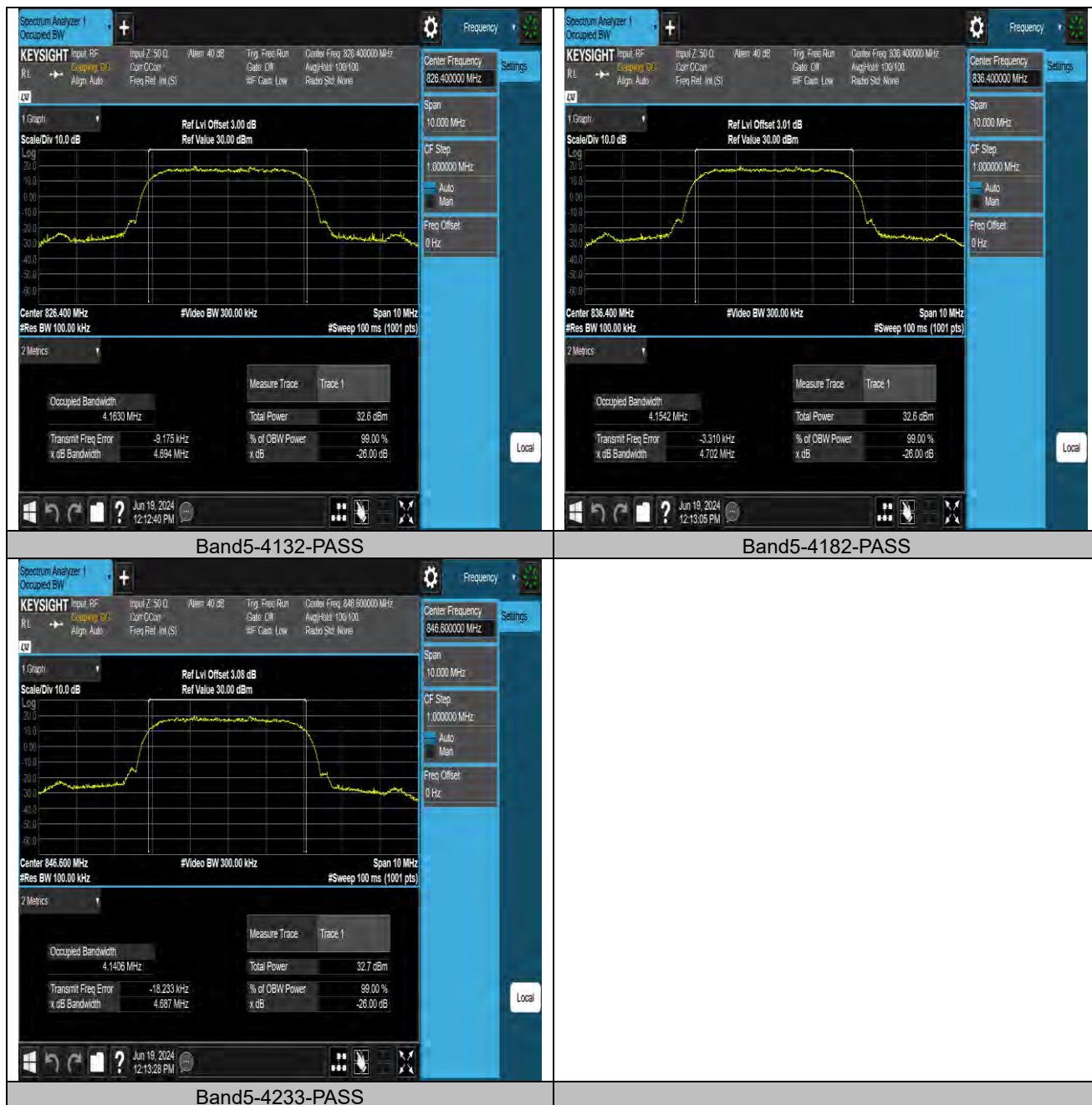


26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band5	4132	4.1630	4.694	---	PASS
Band5	4182	4.1542	4.702	---	PASS
Band5	4233	4.1406	4.687	---	PASS

Test Graphs





Test Report No.: W7L-P24050014RF05

BAND EDGE

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	823.87	-26.74	-13	PASS
Band5	4233	849.12	-28.88	-13	PASS

Test Graphs

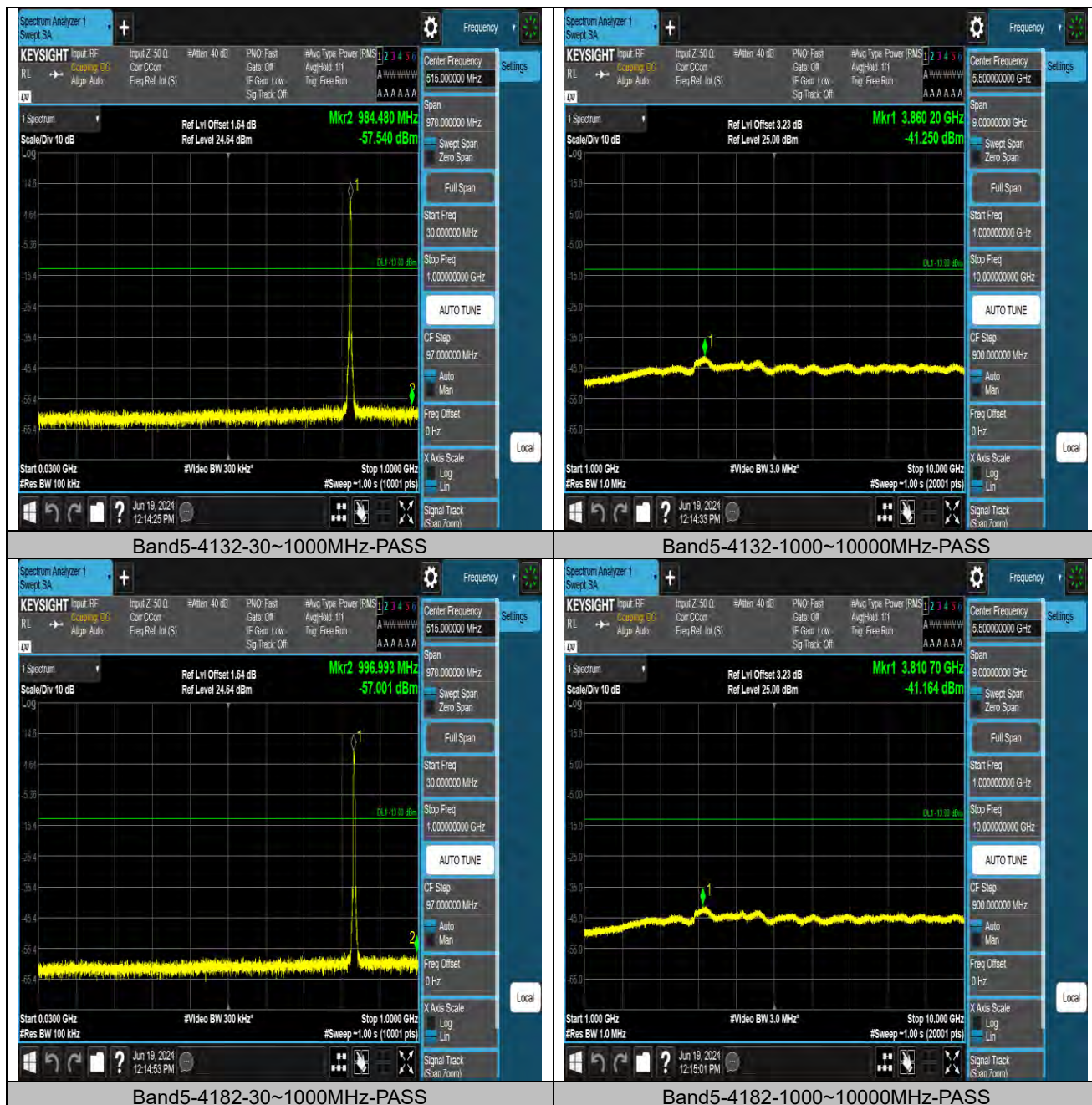


CONDUCTED SPURIOUS EMISSION

Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	30~1000MHz	984.48	-57.54	-13	PASS
Band5	4132	1000~10000MHz	3860.2	-41.25	-13	PASS
Band5	4182	30~1000MHz	996.99	-57	-13	PASS
Band5	4182	1000~10000MHz	3810.7	-41.16	-13	PASS
Band5	4233	30~1000MHz	982.15	-57.4	-13	PASS
Band5	4233	1000~10000MHz	3853.9	-41.27	-13	PASS

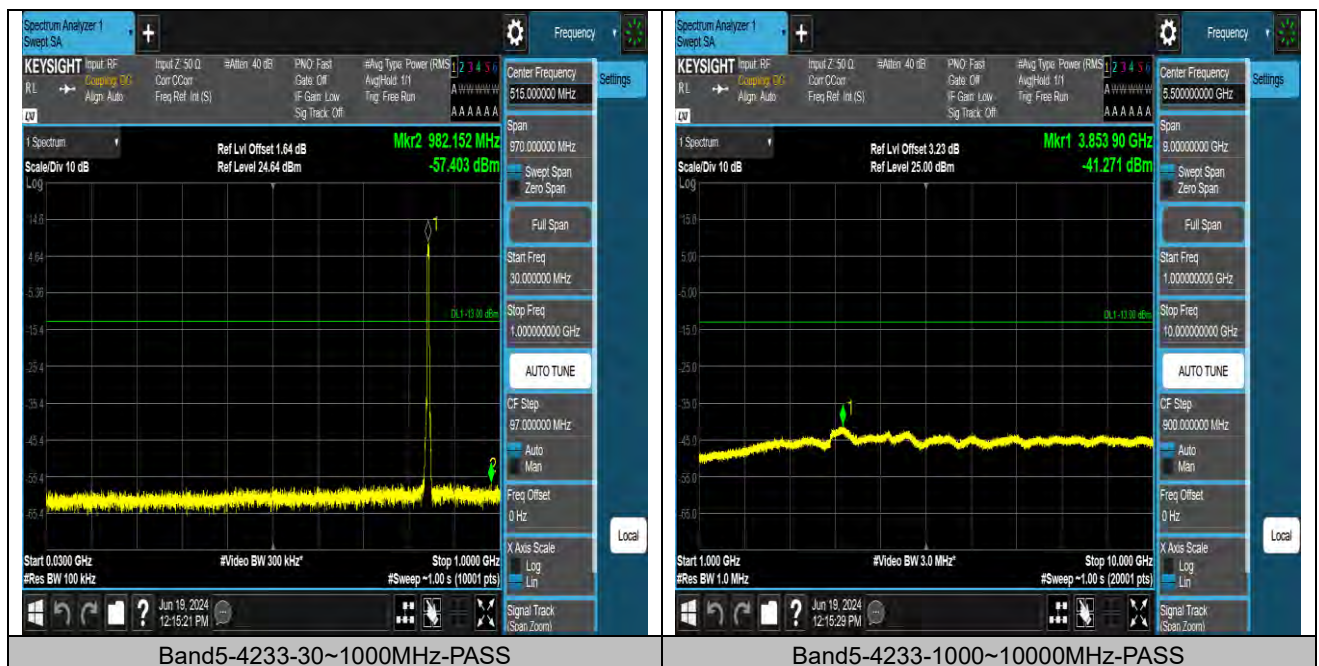
Test Graphs





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Test Report No.: W7L-P24050014RF05



FREQUENCY STABILITY

Test Result

Voltage									
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band5	4132	VN	NT	-7470.00	-9.039206	824.30993	---	824-849	PASS
Band5	4132	VL	NT	-6450.00	-7.804937	824.31125	---	824-849	PASS
Band5	4132	VH	NT	-8030.00	-9.716844	824.30672	---	824-849	PASS
Band5	4233	VN	NT	-15850.00	-18.721947	---	848.6534	824-849	PASS
Band5	4233	VL	NT	-19670.00	-23.234113	---	848.65358	824-849	PASS
Band5	4233	VH	NT	-19120.00	-22.584455	---	848.65088	824-849	PASS

Temperature									
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band5	4132	NV	-30	-7990.00	-9.668441	824.30976	---	824-849	PASS
Band5	4132	NV	-20	-6180.00	-7.478219	824.31187	---	824-849	PASS
Band5	4132	NV	-10	-4520.00	-5.469506	824.31088	---	824-849	PASS
Band5	4132	NV	0	-6230.00	-7.538722	824.31282	---	824-849	PASS
Band5	4132	NV	10	-10680.00	-12.923524	824.30607	---	824-849	PASS
Band5	4132	NV	20	-4890.00	-5.917231	824.31181	---	824-849	PASS
Band5	4132	NV	30	-6150.00	-7.441917	824.3119	---	824-849	PASS
Band5	4132	NV	40	-5420.00	-6.558567	824.30883	---	824-849	PASS
Band5	4132	NV	50	-4870.00	-5.893030	824.31208	---	824-849	PASS
Band5	4233	NV	-30	-19530.00	-23.068746	---	848.65027	824-849	PASS
Band5	4233	NV	-20	-17170.00	-20.281124	---	848.65703	824-849	PASS
Band5	4233	NV	-10	-17070.00	-20.163005	---	848.65918	824-849	PASS
Band5	4233	NV	0	-18360.00	-21.686	---	848.65	824-849	PASS

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				00	747		399	9	
Band5	4233	NV	10	-21910. 00	-25.879 991	---	848.64 969	824-84 9	PASS
Band5	4233	NV	20	-16700. 00	-19.725 963	---	848.65 595	824-84 9	PASS
Band5	4233	NV	30	-18380. 00	-21.710 371	---	848.65 487	824-84 9	PASS
Band5	4233	NV	40	-19120. 00	-22.584 455	---	848.65 203	824-84 9	PASS
Band5	4233	NV	50	-18030. 00	-21.296 953	---	848.65 572	824-84 9	PASS

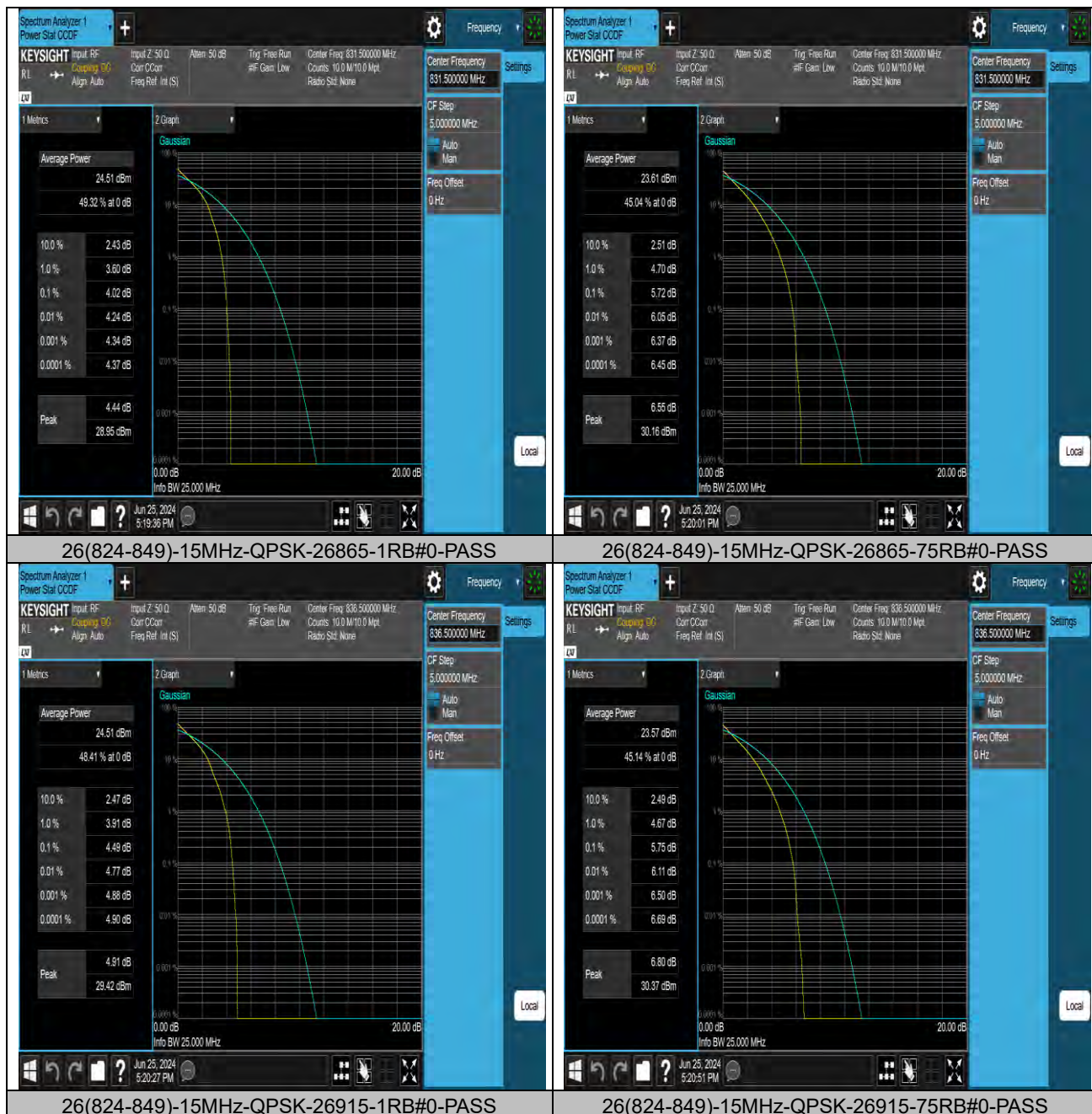
LTE BAND 26(INCLUDING LTE BAND5)

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
26(824-849)	15MHz	QPSK	26865	1RB#0	4.02	13	PASS
26(824-849)	15MHz	QPSK	26865	75RB#0	5.72	13	PASS
26(824-849)	15MHz	QPSK	26915	1RB#0	4.49	13	PASS
26(824-849)	15MHz	QPSK	26915	75RB#0	5.75	13	PASS
26(824-849)	15MHz	QPSK	26965	1RB#0	4.57	13	PASS
26(824-849)	15MHz	QPSK	26965	75RB#0	5.72	13	PASS
26(824-849)	15MHz	16QAM	26865	1RB#0	4.94	13	PASS
26(824-849)	15MHz	16QAM	26865	75RB#0	6.36	13	PASS
26(824-849)	15MHz	16QAM	26915	1RB#0	5.36	13	PASS
26(824-849)	15MHz	16QAM	26915	75RB#0	6.34	13	PASS
26(824-849)	15MHz	16QAM	26965	1RB#0	5.47	13	PASS
26(824-849)	15MHz	16QAM	26965	75RB#0	6.32	13	PASS

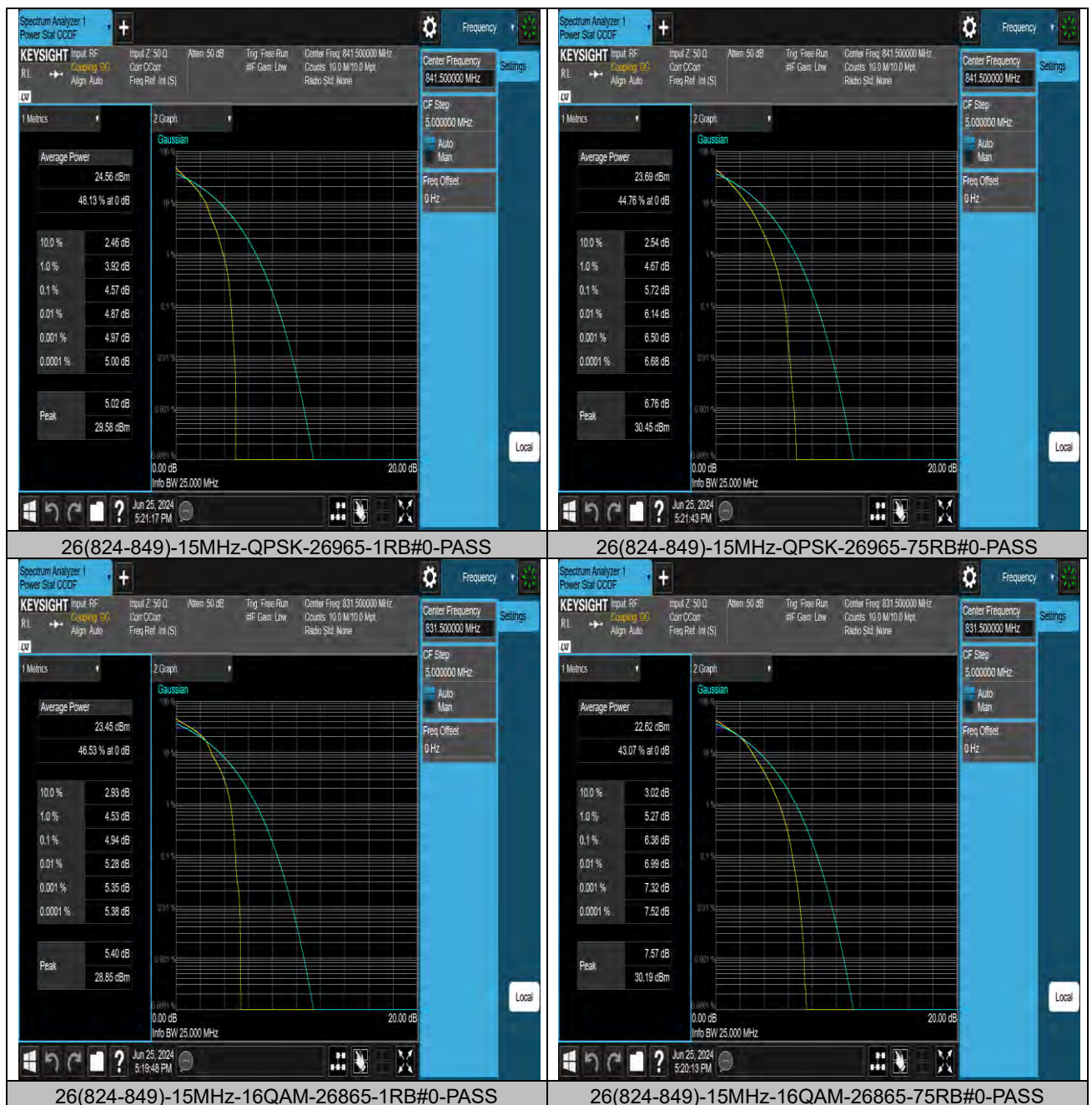
Test Graphs





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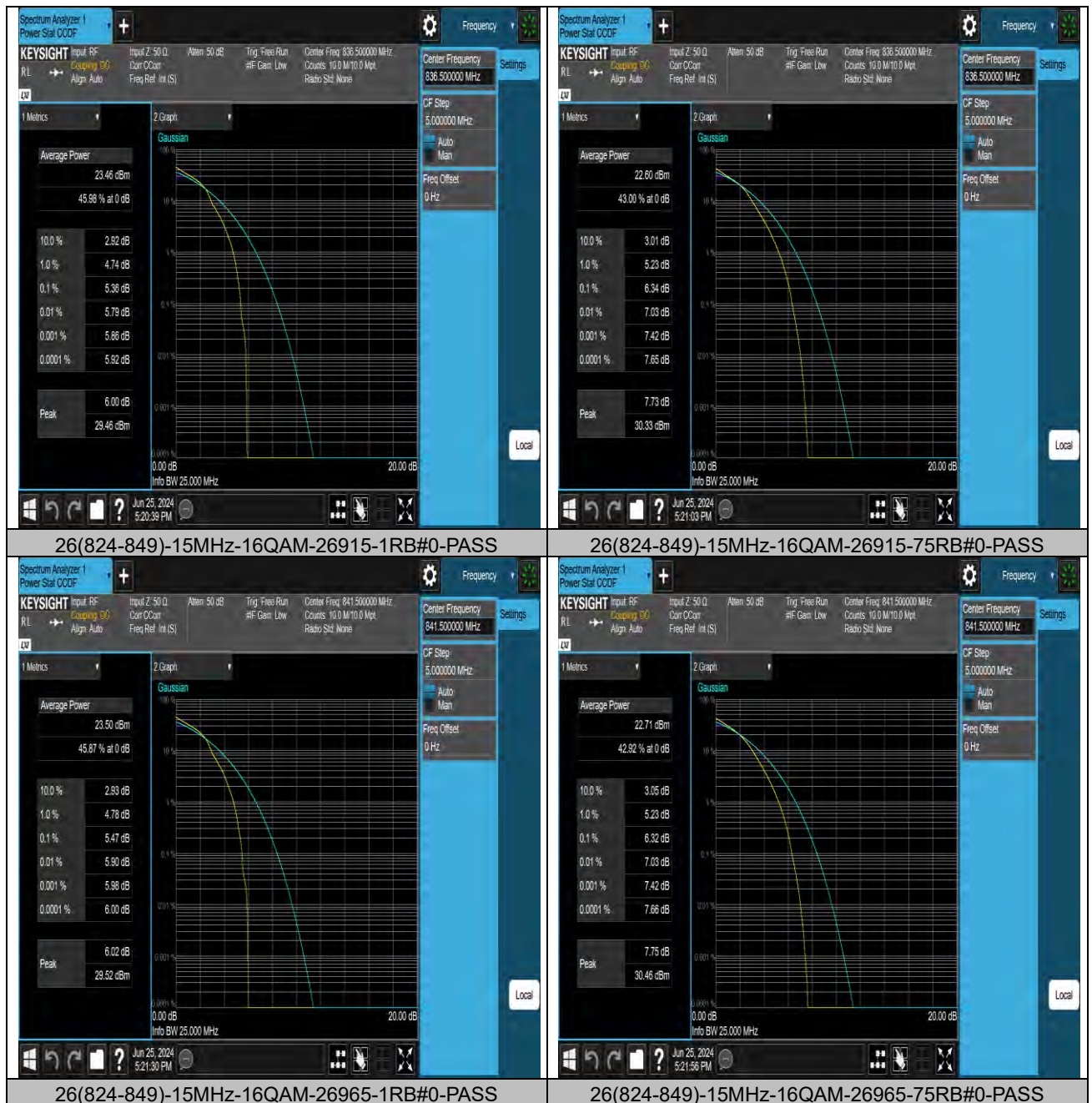
Test Report No.: W7L-P24050014RF05





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Test Report No.: W7L-P24050014RF05

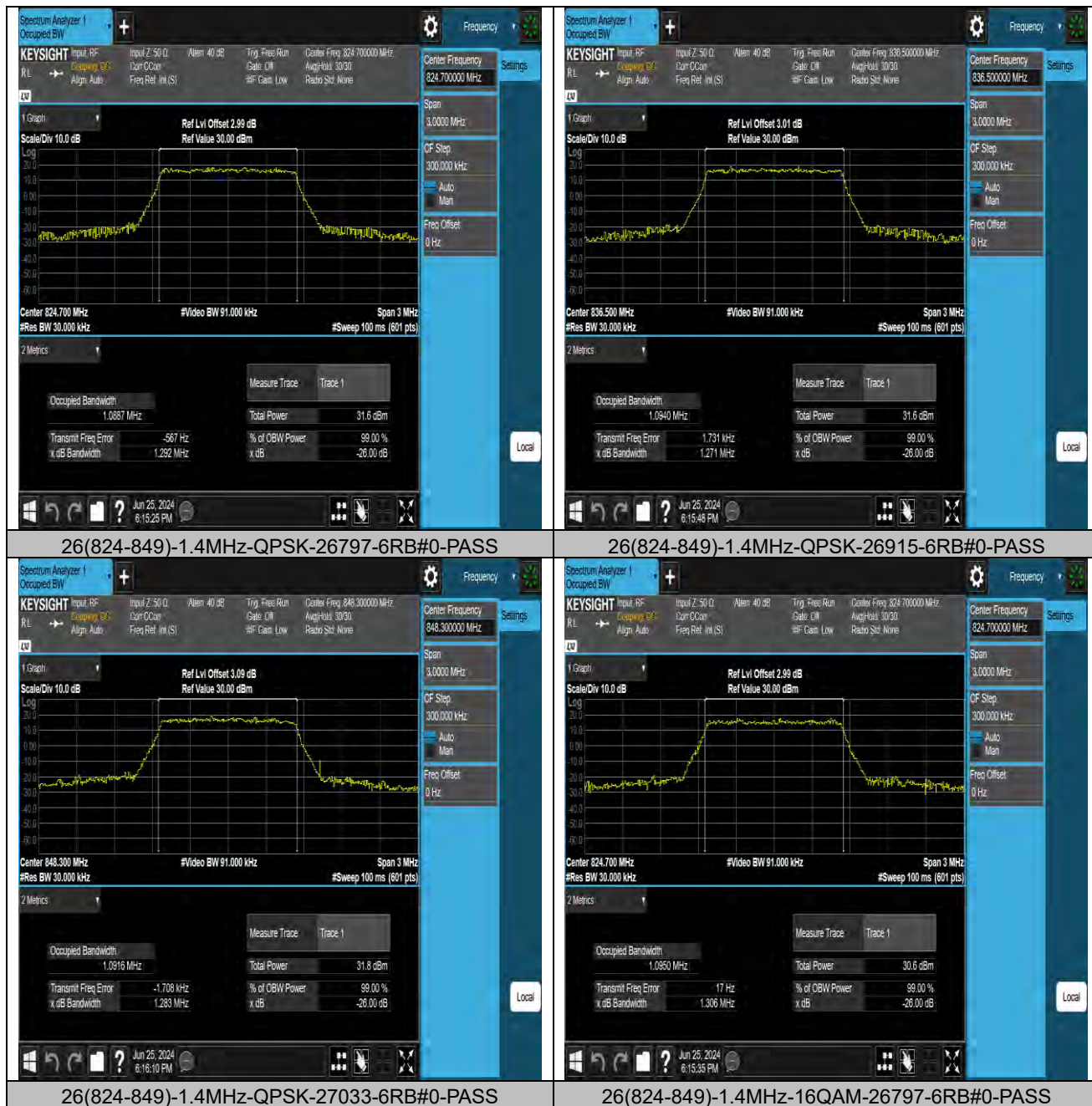


26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0887	1.292	PASS
26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0940	1.271	PASS
26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.0916	1.283	PASS
26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.0950	1.306	PASS
26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.0980	1.292	PASS
26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.0849	1.291	PASS
26(824-849)	3MHz	QPSK	26805	15RB#0	2.6849	2.903	PASS
26(824-849)	3MHz	QPSK	26915	15RB#0	2.6883	2.903	PASS
26(824-849)	3MHz	QPSK	27025	15RB#0	2.6835	2.884	PASS
26(824-849)	3MHz	16QAM	26805	15RB#0	2.6876	2.923	PASS
26(824-849)	3MHz	16QAM	26915	15RB#0	2.6809	2.907	PASS
26(824-849)	3MHz	16QAM	27025	15RB#0	2.6832	2.899	PASS
26(824-849)	5MHz	QPSK	26815	25RB#0	4.5045	4.978	PASS
26(824-849)	5MHz	QPSK	26915	25RB#0	4.4868	4.910	PASS
26(824-849)	5MHz	QPSK	27015	25RB#0	4.4863	4.935	PASS
26(824-849)	5MHz	16QAM	26815	25RB#0	4.5020	4.948	PASS
26(824-849)	5MHz	16QAM	26915	25RB#0	4.4868	4.935	PASS
26(824-849)	5MHz	16QAM	27015	25RB#0	4.4836	4.913	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	9.0116	9.832	PASS
26(824-849)	10MHz	QPSK	26915	50RB#0	8.9950	9.724	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	8.9676	9.799	PASS
26(824-849)	10MHz	16QAM	26840	50RB#0	8.9942	9.785	PASS
26(824-849)	10MHz	16QAM	26915	50RB#0	8.9845	9.732	PASS
26(824-849)	10MHz	16QAM	26990	50RB#0	8.9666	10.01	PASS
26(824-849)	15MHz	QPSK	26865	75RB#0	13.462	14.60	PASS
26(824-849)	15MHz	QPSK	26915	75RB#0	13.454	14.66	PASS
26(824-849)	15MHz	QPSK	26965	75RB#0	13.446	14.67	PASS
26(824-849)	15MHz	16QAM	26865	75RB#0	13.474	14.61	PASS
26(824-849)	15MHz	16QAM	26915	75RB#0	13.453	14.61	PASS
26(824-849)	15MHz	16QAM	26965	75RB#0	13.426	14.59	PASS

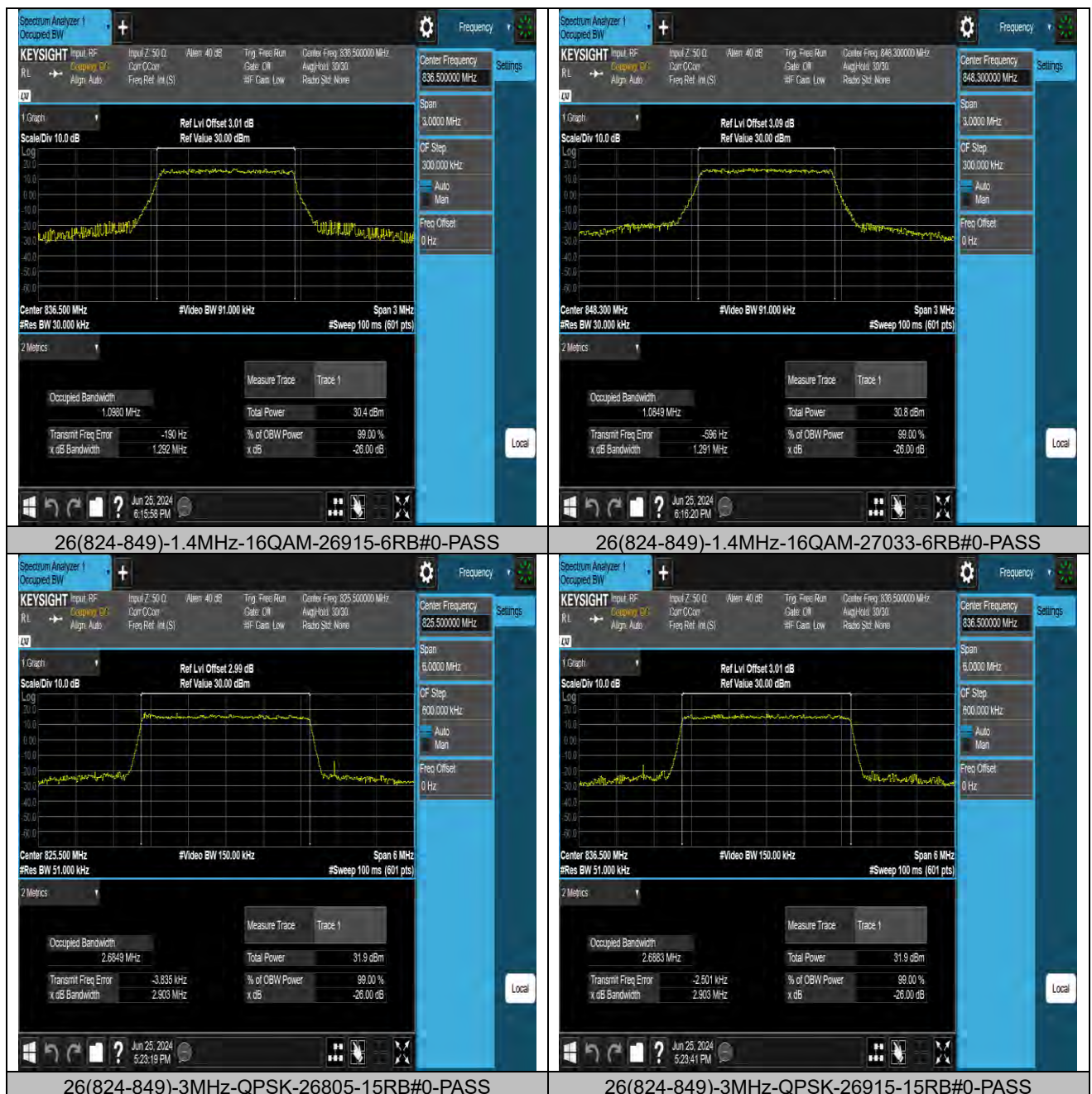
Test Graphs





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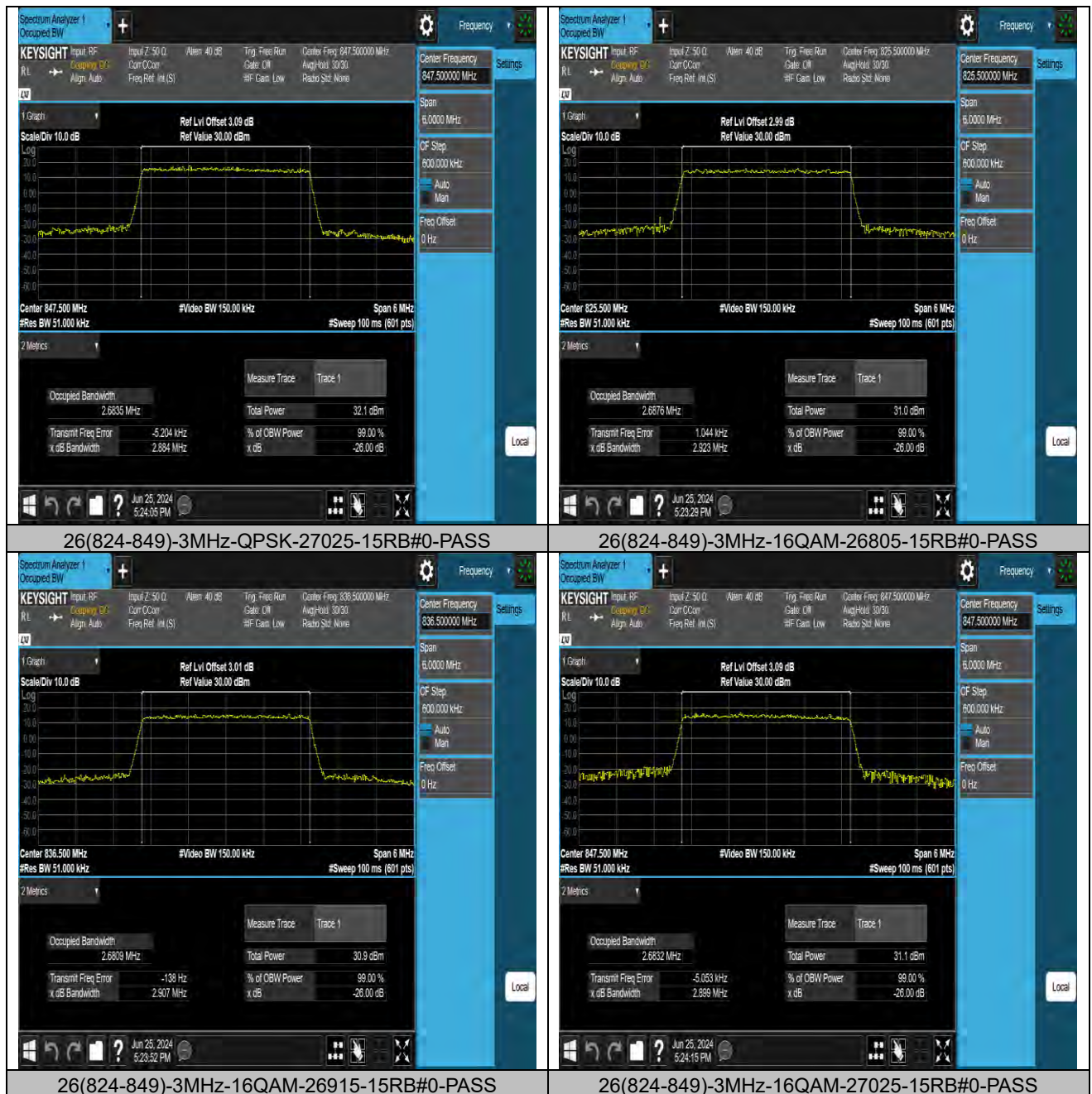
Test Report No.: W7L-P24050014RF05





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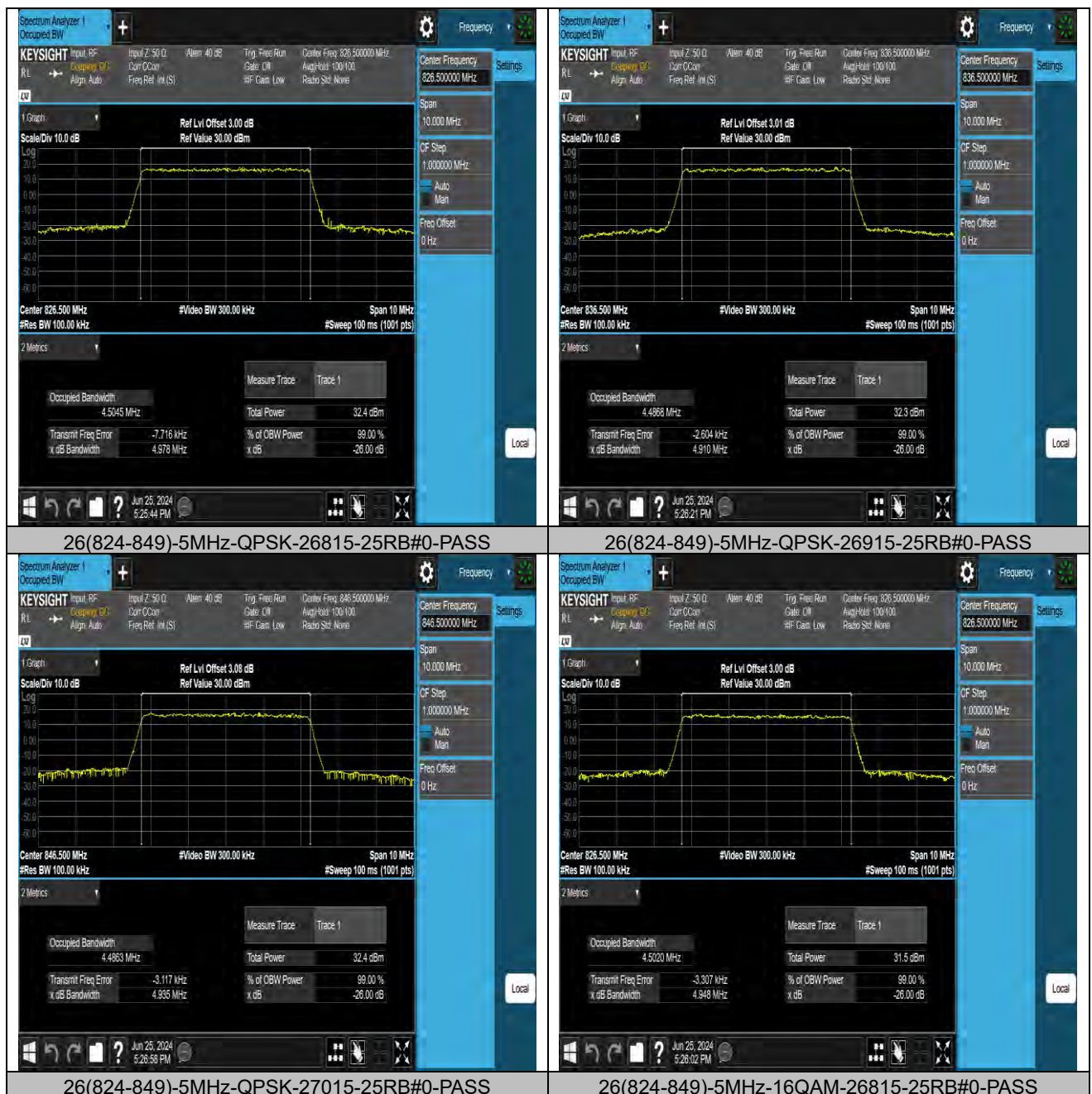
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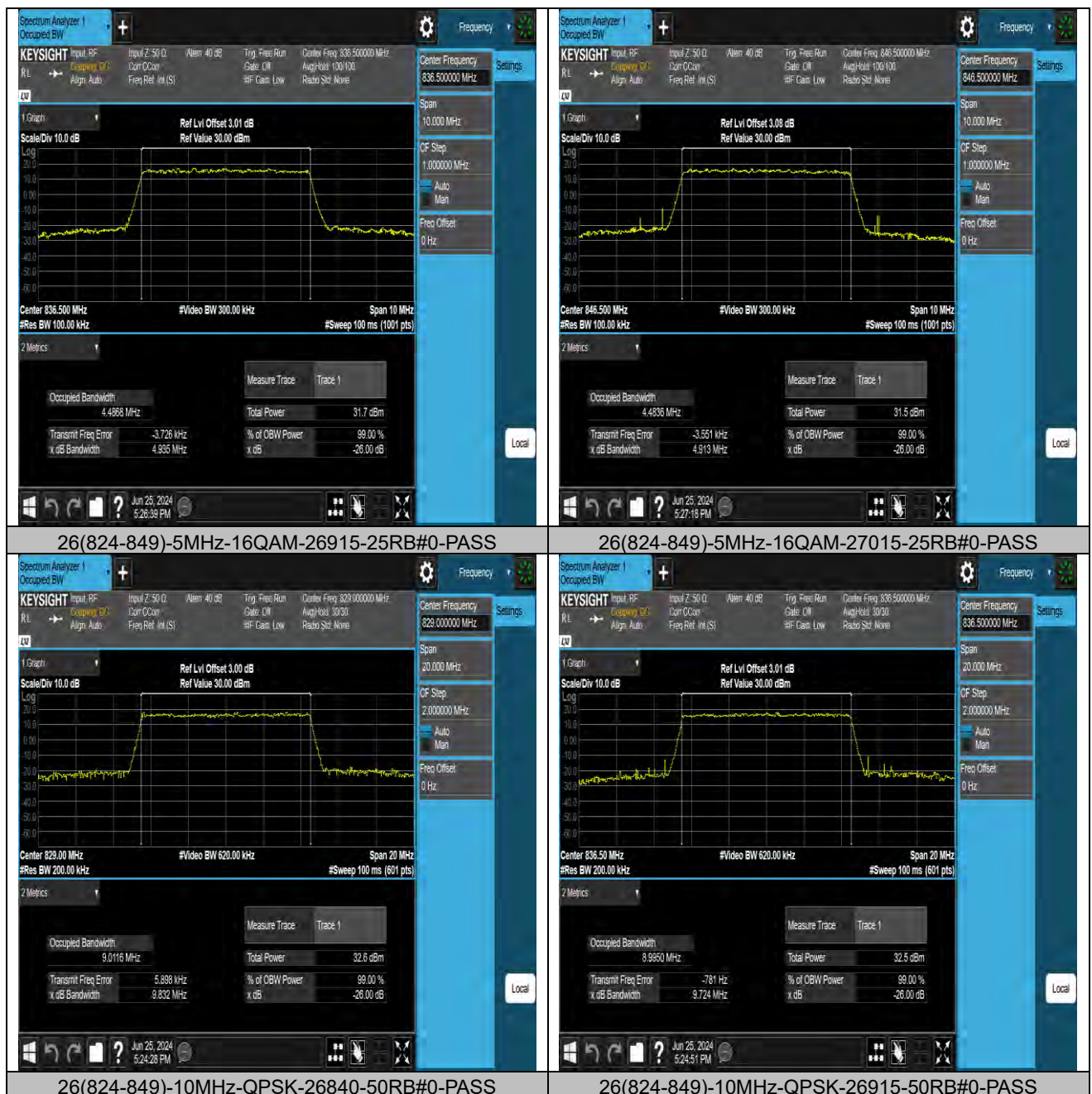
Test Report No.: W7L-P24050014RF05





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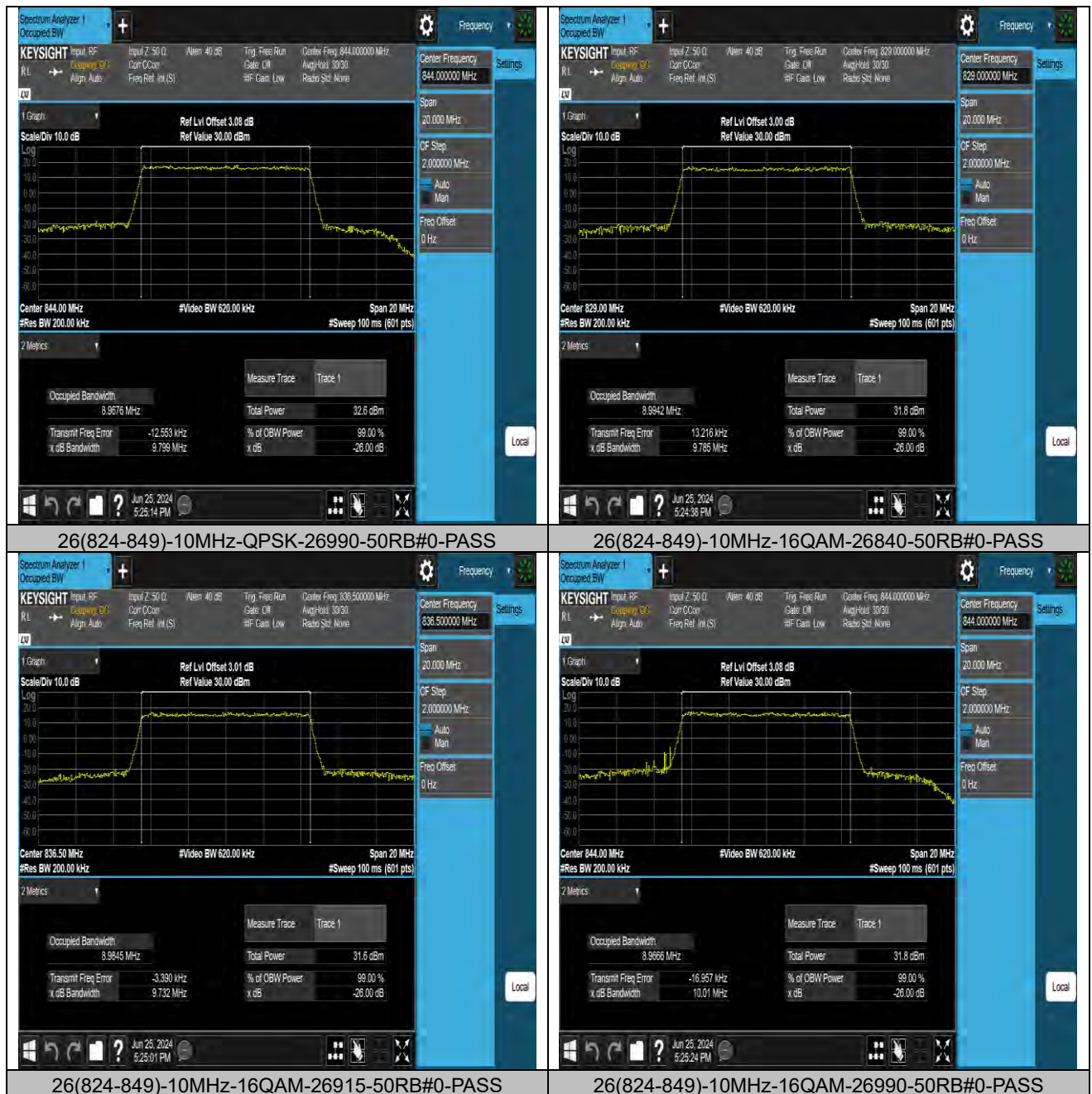
Test Report No.: W7L-P24050014RF05





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Test Report No.: W7L-P24050014RF05





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Test Report No.: W7L-P24050014RF05



26(824-849)-15MHz-QPSK-26865-75RB#0-PASS



26(824-849)-15MHz-QPSK-26915-75RB#0-PASS



26(824-849)-15MHz-QPSK-26965-75RB#0-PASS



26(824-849)-15MHz-16QAM-26865-75RB#0-PASS



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Test Report No.: W7L-P24050014RF05



26(824-849)-15MHz-16QAM-26915-75RB#0-PASS



26(824-849)-15MHz-16QAM-26965-75RB#0-PASS

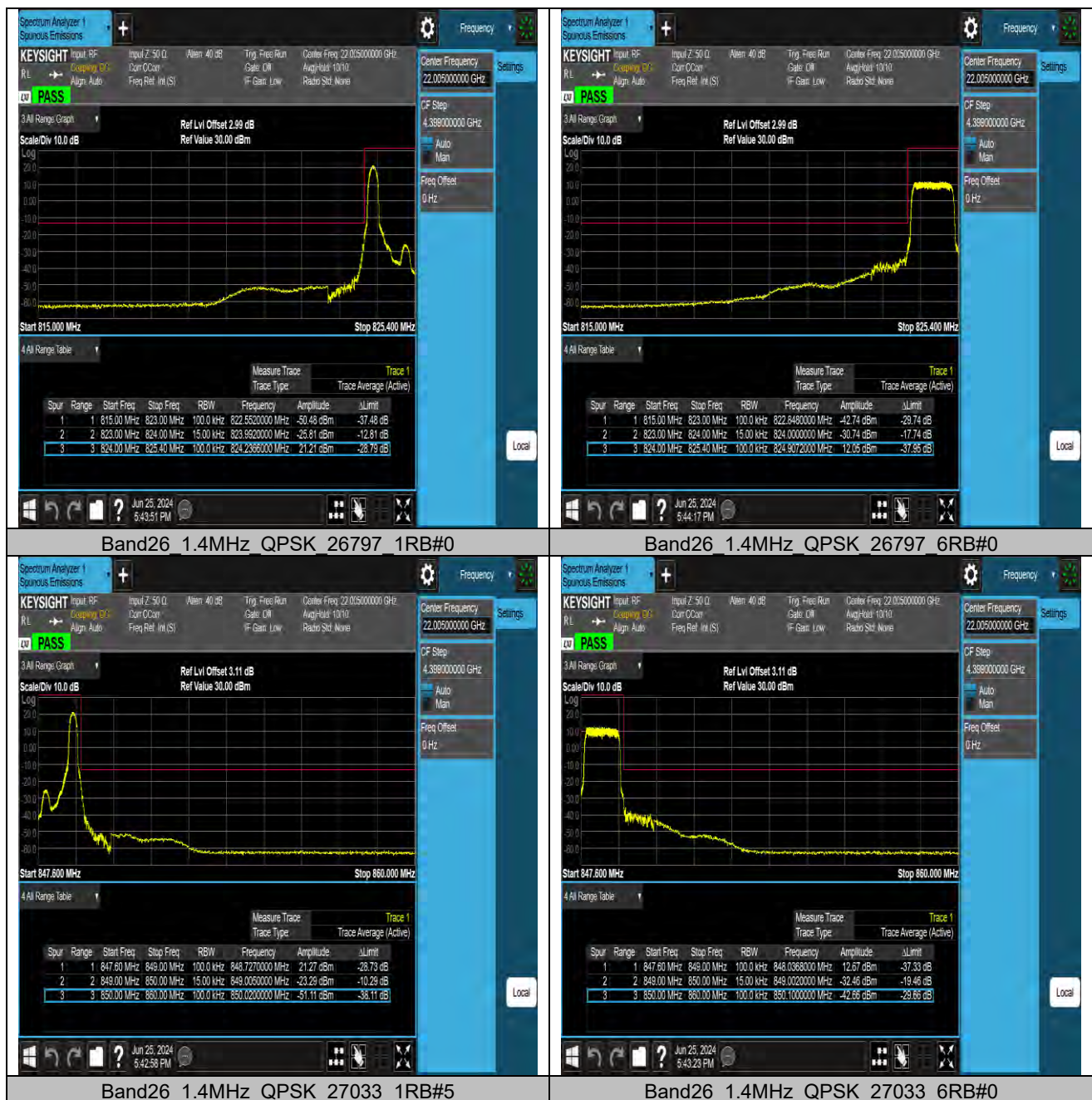


BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
26(824-849)	1.4MHz	QPSK	26797	1RB#0	-25.81	PASS
26(824-849)	1.4MHz	QPSK	26797	6RB#0	-30.74	PASS
26(824-849)	1.4MHz	QPSK	27033	1RB#5	-23.29	PASS
26(824-849)	1.4MHz	QPSK	27033	6RB#0	-32.46	PASS
26(824-849)	1.4MHz	16QAM	26797	1RB#0	-23.07	PASS
26(824-849)	1.4MHz	16QAM	26797	6RB#0	-31.73	PASS
26(824-849)	1.4MHz	16QAM	27033	1RB#5	-22.93	PASS
26(824-849)	1.4MHz	16QAM	27033	6RB#0	-34.87	PASS
26(824-849)	3MHz	QPSK	26805	1RB#0	-23.11	PASS
26(824-849)	3MHz	QPSK	26805	15RB#0	-35.56	PASS
26(824-849)	3MHz	QPSK	27025	1RB#14	-20.26	PASS
26(824-849)	3MHz	QPSK	27025	15RB#0	-37.97	PASS
26(824-849)	3MHz	16QAM	26805	1RB#0	-23.20	PASS
26(824-849)	3MHz	16QAM	26805	15RB#0	-35.89	PASS
26(824-849)	3MHz	16QAM	27025	1RB#14	-24.00	PASS
26(824-849)	3MHz	16QAM	27025	15RB#0	-37.70	PASS
26(824-849)	5MHz	QPSK	26815	1RB#0	-25.75	PASS
26(824-849)	5MHz	QPSK	26815	25RB#0	-35.61	PASS
26(824-849)	5MHz	QPSK	27015	1RB#24	-24.70	PASS
26(824-849)	5MHz	QPSK	27015	25RB#0	-38.28	PASS
26(824-849)	5MHz	16QAM	26815	1RB#0	-27.82	PASS
26(824-849)	5MHz	16QAM	26815	25RB#0	-36.75	PASS
26(824-849)	5MHz	16QAM	27015	1RB#24	-26.48	PASS
26(824-849)	5MHz	16QAM	27015	25RB#0	-38.11	PASS
26(824-849)	10MHz	QPSK	26840	1RB#0	-36.03	PASS
26(824-849)	10MHz	QPSK	26840	50RB#0	-39.43	PASS
26(824-849)	10MHz	QPSK	26990	1RB#49	-36.14	PASS
26(824-849)	10MHz	QPSK	26990	50RB#0	-38.68	PASS
26(824-849)	10MHz	16QAM	26840	1RB#0	-36.91	PASS
26(824-849)	10MHz	16QAM	26840	50RB#0	-39.38	PASS
26(824-849)	10MHz	16QAM	26990	1RB#49	-37.35	PASS
26(824-849)	10MHz	16QAM	26990	50RB#0	-39.78	PASS
26(824-849)	15MHz	QPSK	26865	1RB#0	-40.77	PASS
26(824-849)	15MHz	QPSK	26865	75RB#0	-38.90	PASS
26(824-849)	15MHz	QPSK	26965	1RB#74	-40.82	PASS
26(824-849)	15MHz	QPSK	26965	75RB#0	-38.56	PASS
26(824-849)	15MHz	16QAM	26865	1RB#0	-40.70	PASS
26(824-849)	15MHz	16QAM	26865	75RB#0	-39.75	PASS
26(824-849)	15MHz	16QAM	26965	1RB#74	-40.40	PASS
26(824-849)	15MHz	16QAM	26965	75RB#0	-40.02	PASS

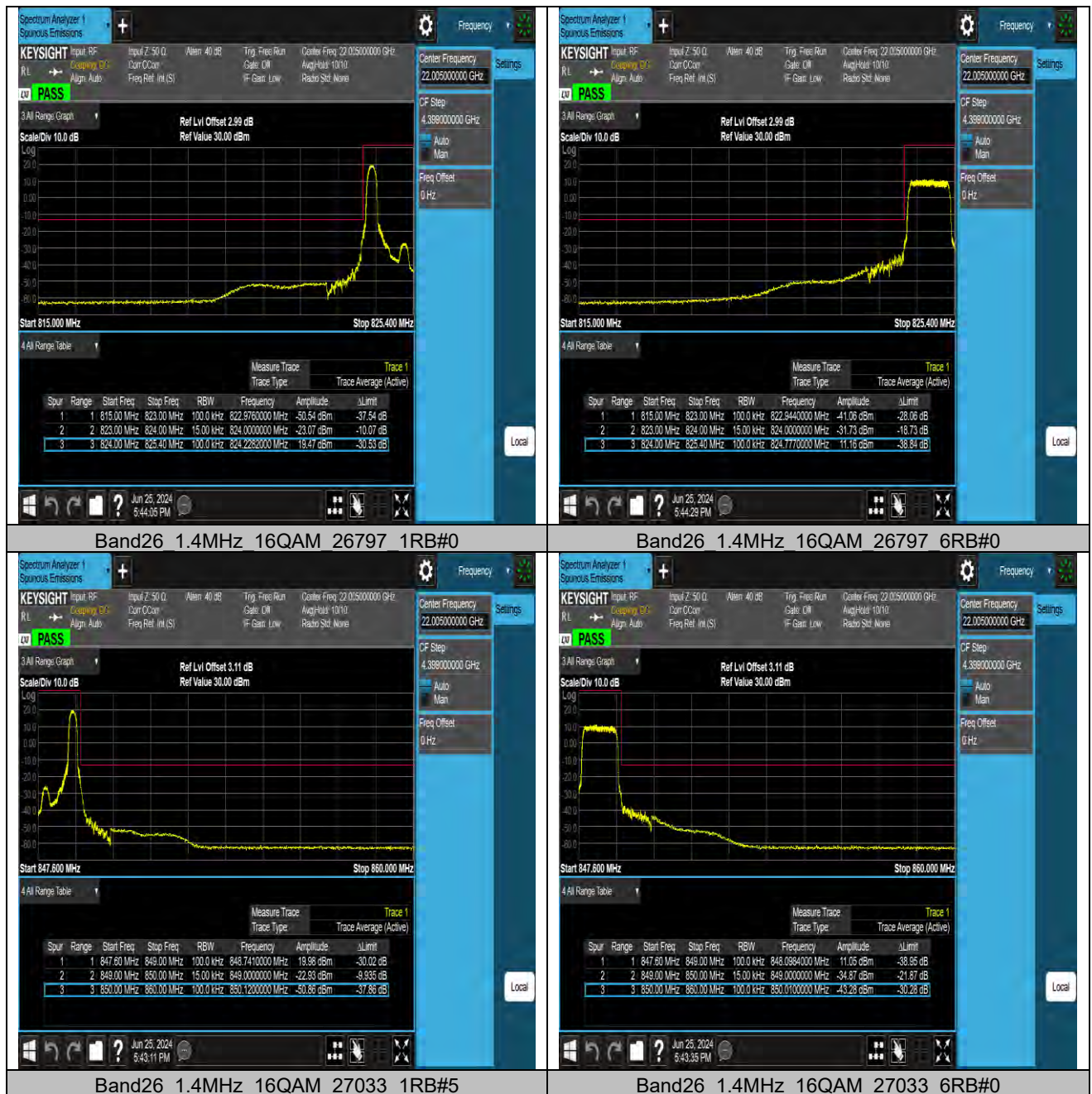
Test Graphs





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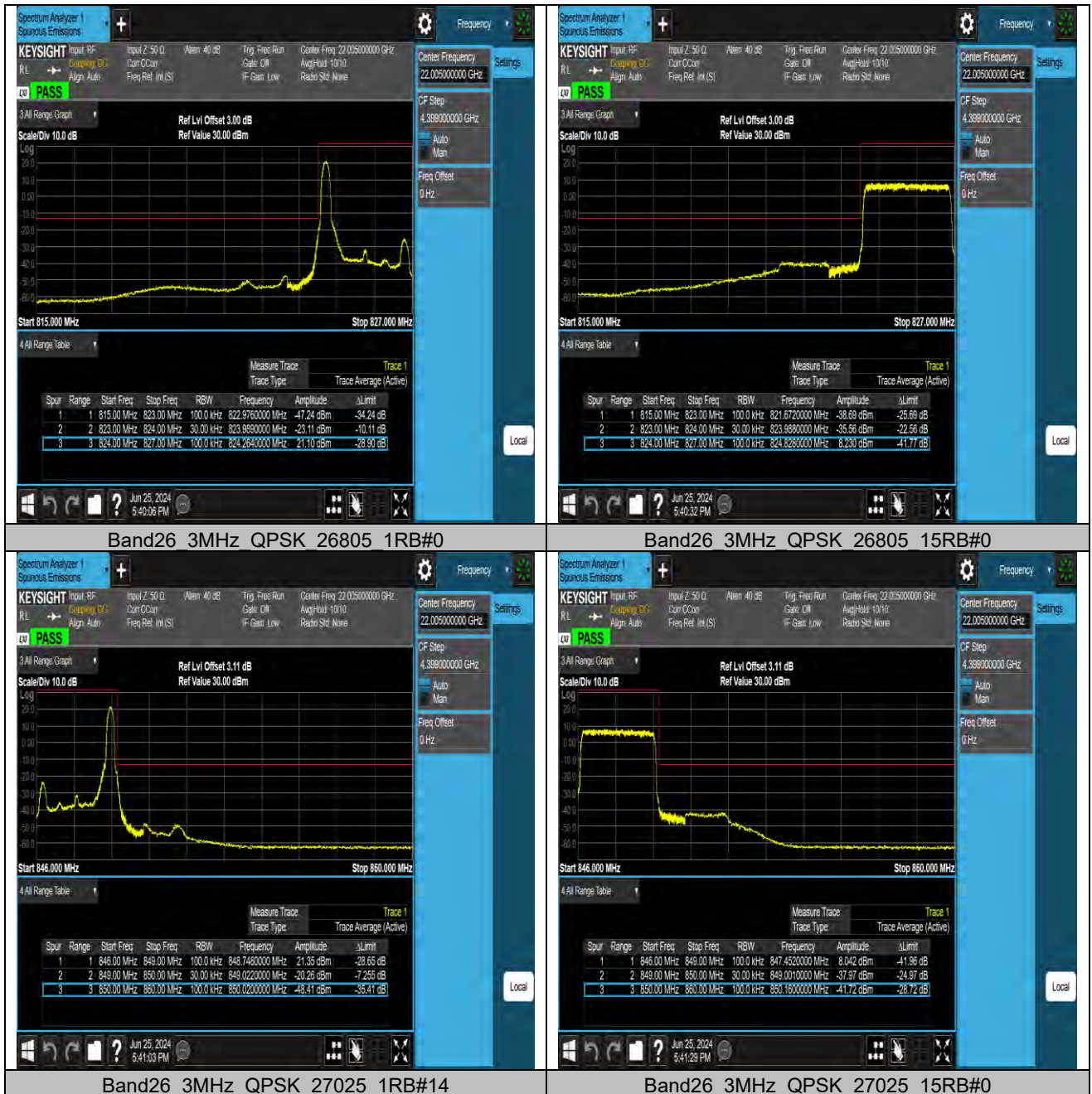
Test Report No.: W7L-P24050014RF05





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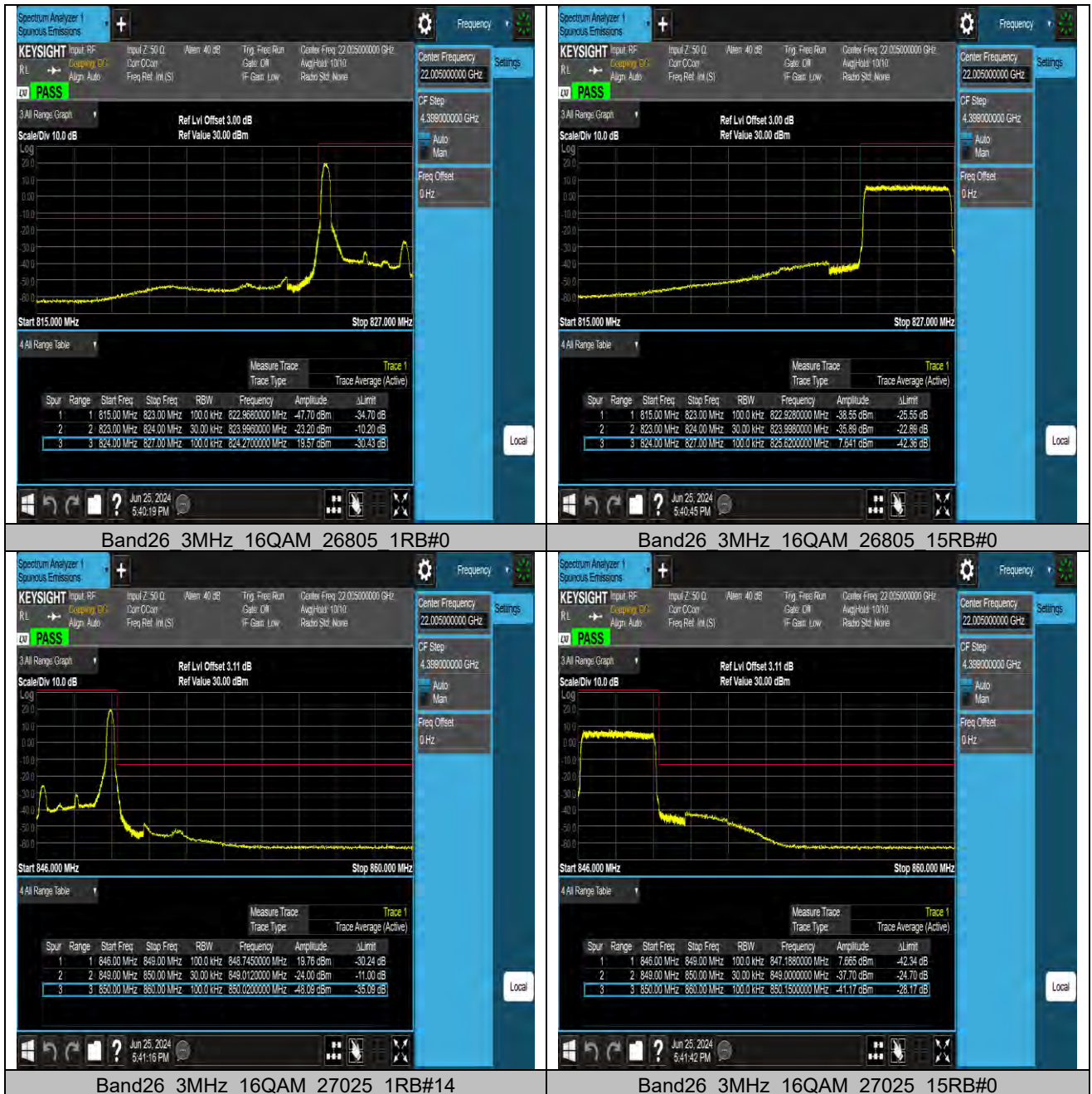
Test Report No.: W7L-P24050014RF05





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VERITAS

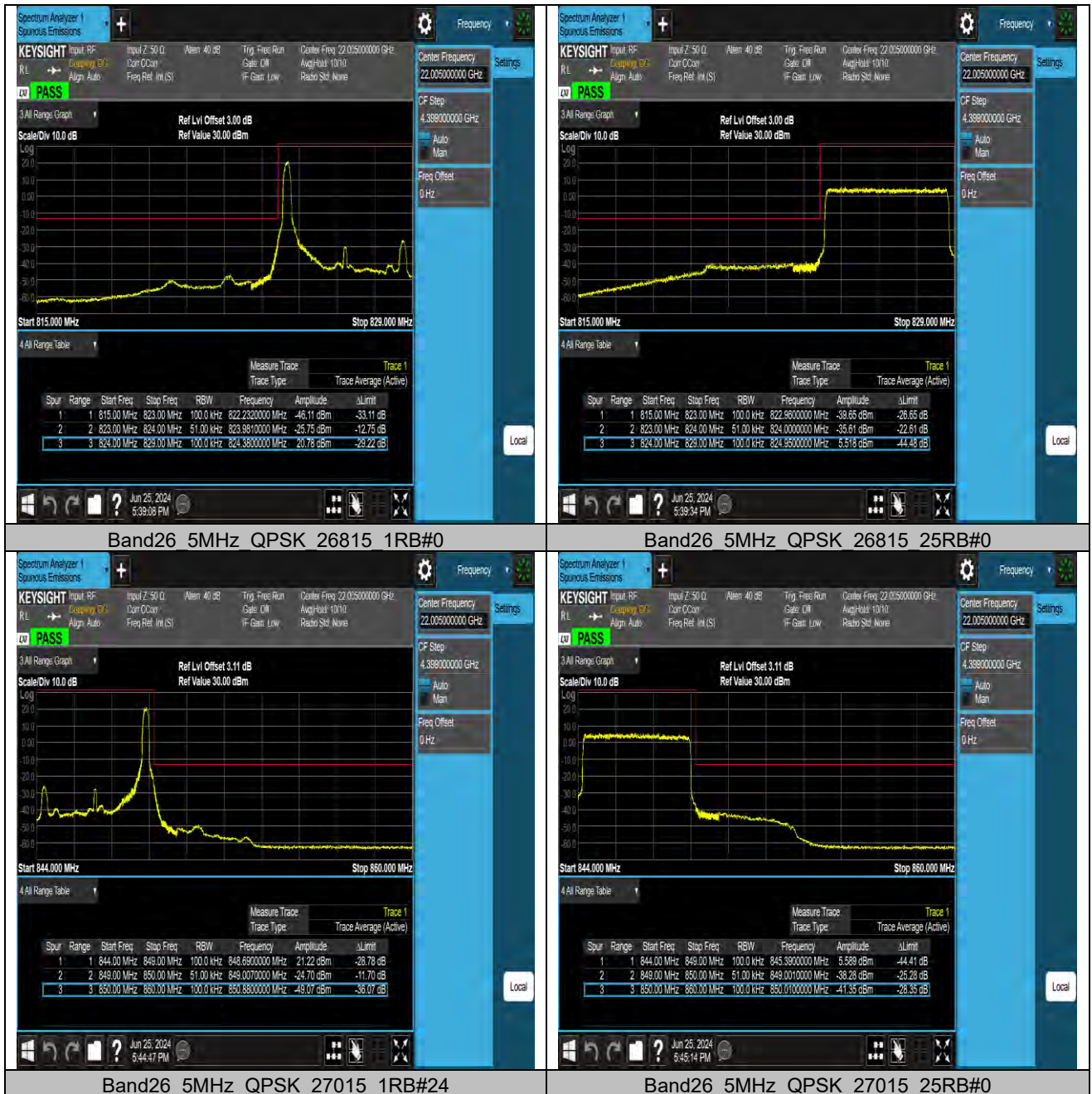
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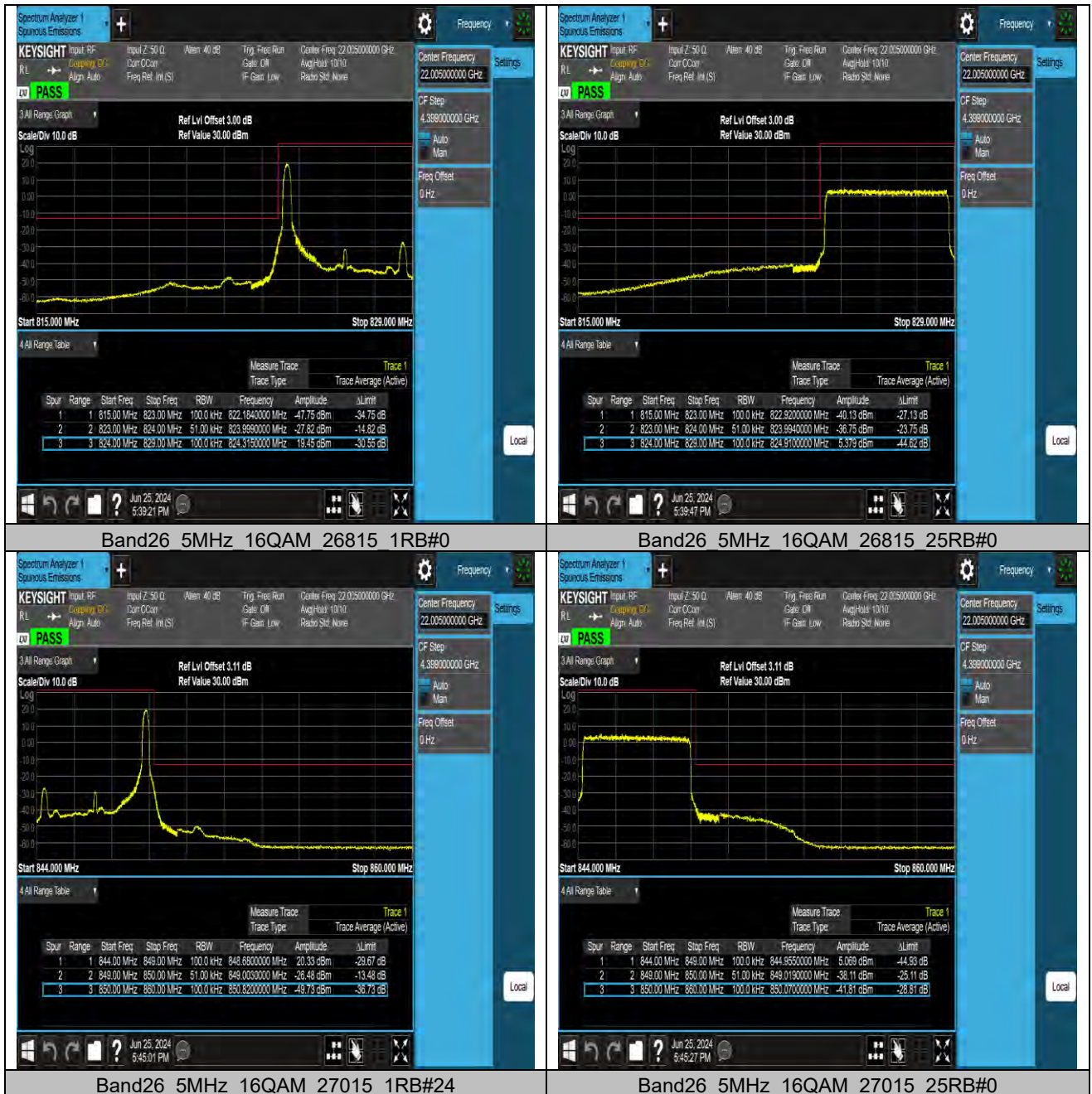
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VERITAS

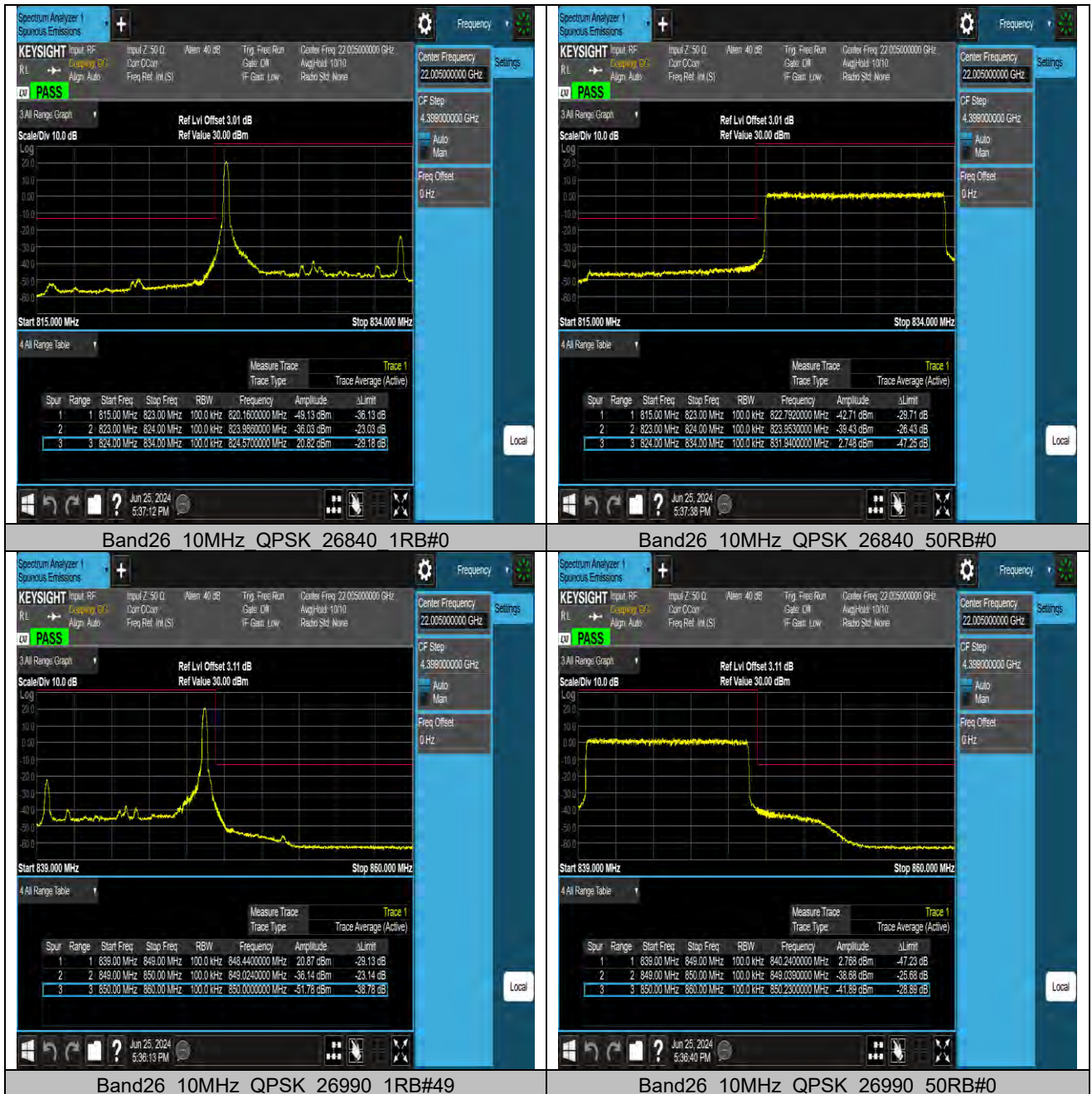
Test Report No.: W7L-P24050014RF05





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VERITAS

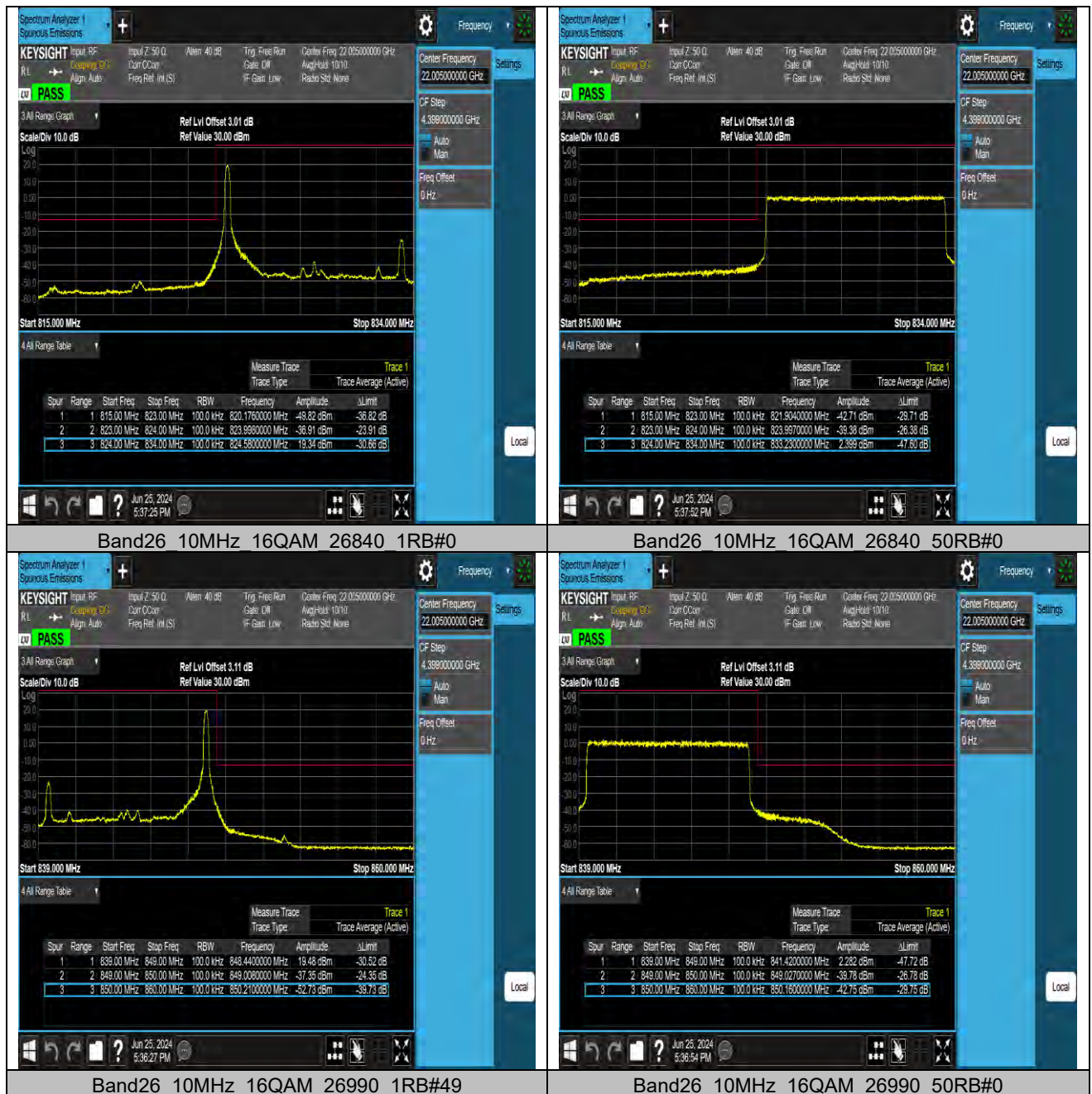
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VERITAS

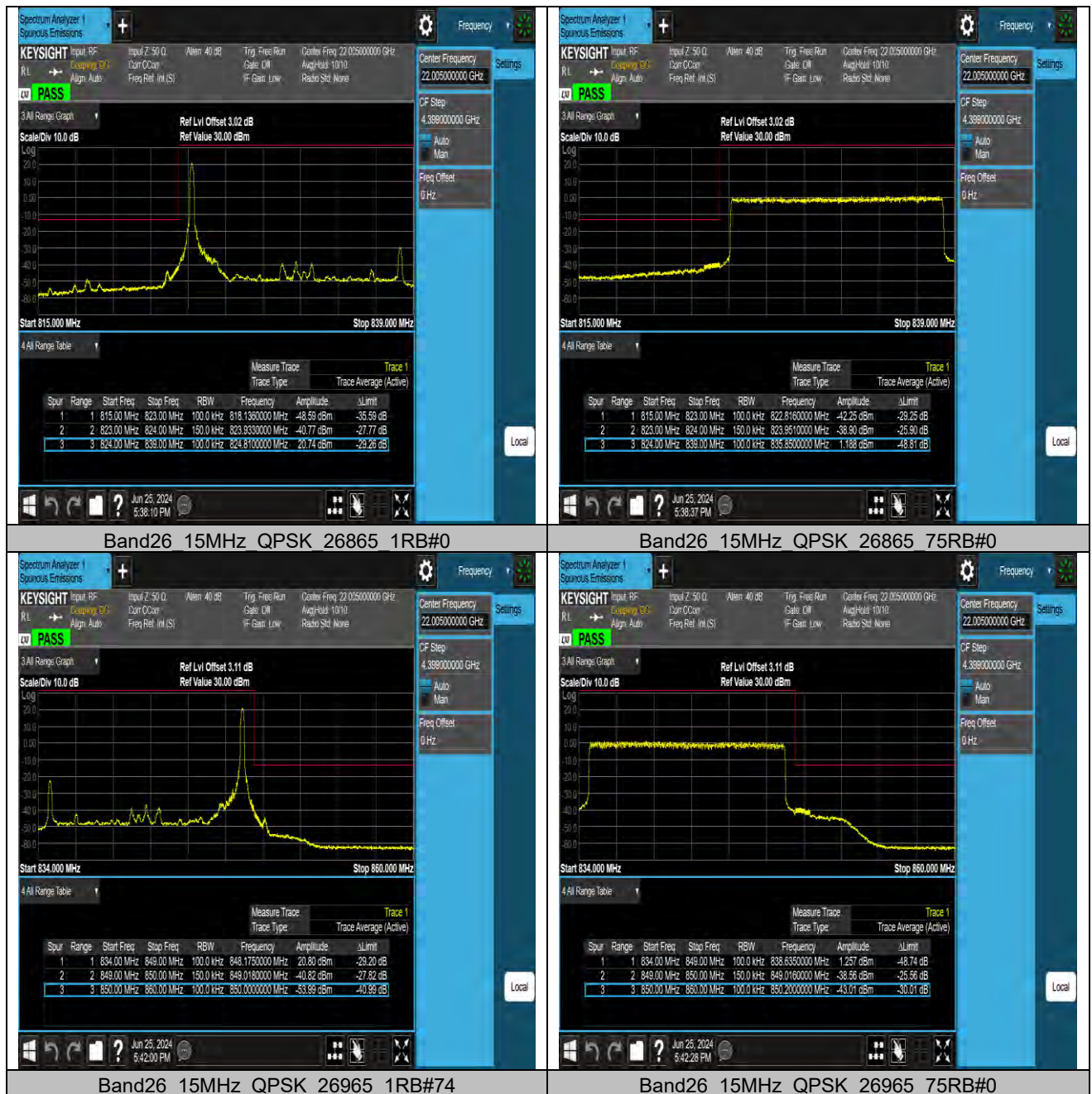
Test Report No.: W7L-P24050014RF05





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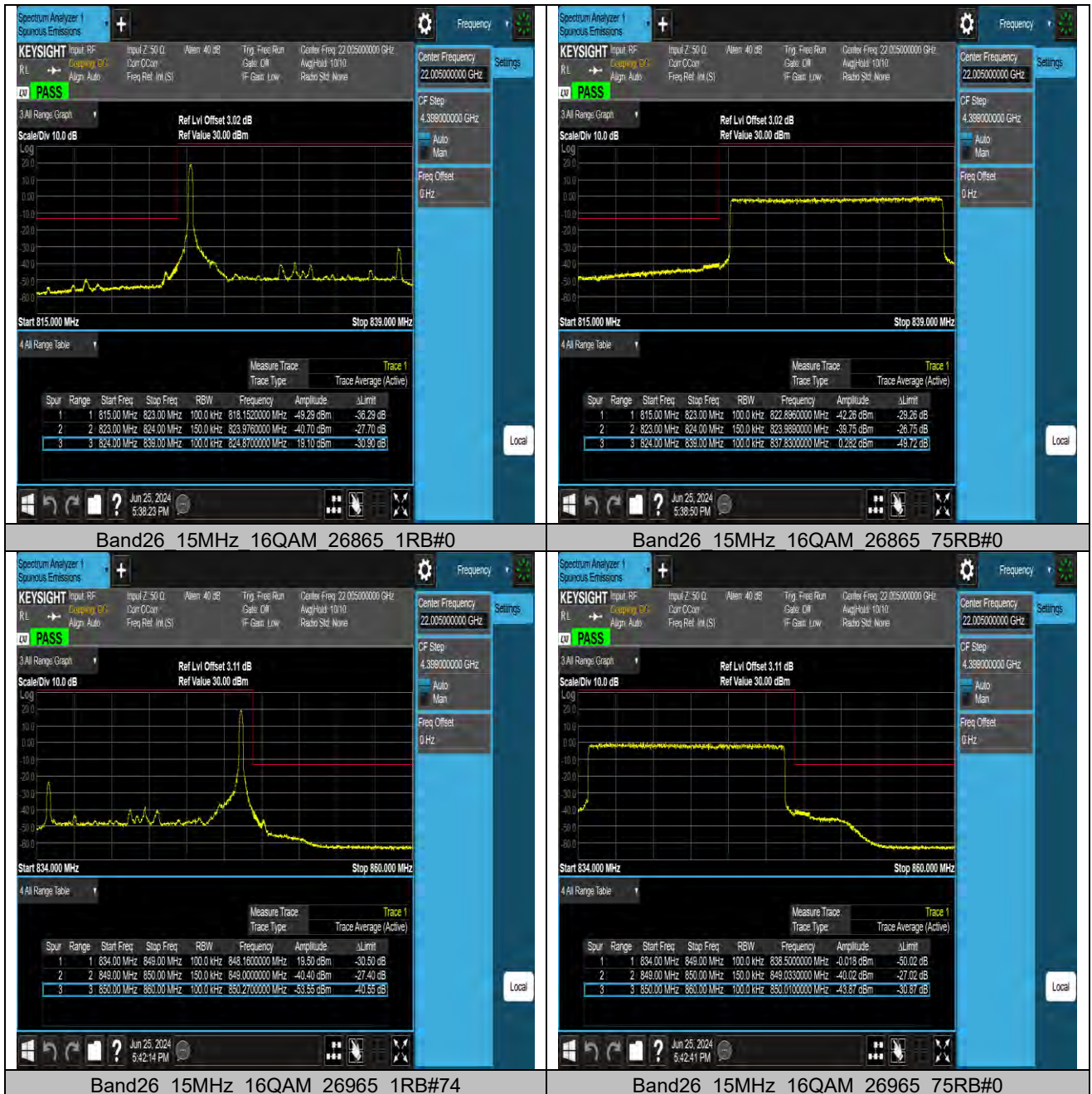
Test Report No.: W7L-P24050014RF05





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Test Report No.: W7L-P24050014RF05



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
26(824-849)	1.4MHz	QPSK	26797	1RB#0	30~1000	-48.84	PASS
26(824-849)	1.4MHz	QPSK	26797	1RB#0	1000~10000	-38.39	PASS
26(824-849)	1.4MHz	QPSK	26915	1RB#0	30~1000	-49.62	PASS
26(824-849)	1.4MHz	QPSK	26915	1RB#0	1000~10000	-38.38	PASS
26(824-849)	1.4MHz	QPSK	27033	1RB#0	30~1000	-48.32	PASS
26(824-849)	1.4MHz	QPSK	27033	1RB#0	1000~10000	-38.37	PASS
26(824-849)	3MHz	QPSK	26805	1RB#0	30~1000	-54.77	PASS
26(824-849)	3MHz	QPSK	26805	1RB#0	1000~10000	-38.42	PASS
26(824-849)	3MHz	QPSK	26915	1RB#0	30~1000	-55.27	PASS
26(824-849)	3MHz	QPSK	26915	1RB#0	1000~10000	-38.44	PASS
26(824-849)	3MHz	QPSK	27025	1RB#0	30~1000	-55.06	PASS
26(824-849)	3MHz	QPSK	27025	1RB#0	1000~10000	-38.37	PASS
26(824-849)	5MHz	QPSK	26815	1RB#0	30~1000	-52.82	PASS
26(824-849)	5MHz	QPSK	26815	1RB#0	1000~10000	-38.34	PASS
26(824-849)	5MHz	QPSK	26915	1RB#0	30~1000	-57.38	PASS
26(824-849)	5MHz	QPSK	26915	1RB#0	1000~10000	-38.34	PASS
26(824-849)	5MHz	QPSK	27015	1RB#0	30~1000	-57.45	PASS
26(824-849)	5MHz	QPSK	27015	1RB#0	1000~10000	-38.30	PASS
26(824-849)	10MHz	QPSK	26840	1RB#0	30~1000	-57.21	PASS
26(824-849)	10MHz	QPSK	26840	1RB#0	1000~10000	-38.43	PASS
26(824-849)	10MHz	QPSK	26915	1RB#0	30~1000	-57.37	PASS
26(824-849)	10MHz	QPSK	26915	1RB#0	1000~10000	-38.37	PASS
26(824-849)	10MHz	QPSK	26990	1RB#0	30~1000	-57.21	PASS
26(824-849)	10MHz	QPSK	26990	1RB#0	1000~10000	-38.38	PASS
26(824-849)	15MHz	QPSK	26865	1RB#0	30~1000	-57.32	PASS
26(824-849)	15MHz	QPSK	26865	1RB#0	1000~10000	-38.37	PASS
26(824-849)	15MHz	QPSK	26915	1RB#0	30~1000	-57.42	PASS
26(824-849)	15MHz	QPSK	26915	1RB#0	1000~10000	-38.30	PASS
26(824-849)	15MHz	QPSK	26965	1RB#0	30~1000	-57.29	PASS
26(824-849)	15MHz	QPSK	26965	1RB#0	1000~10000	-38.32	PASS



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Test Graphs

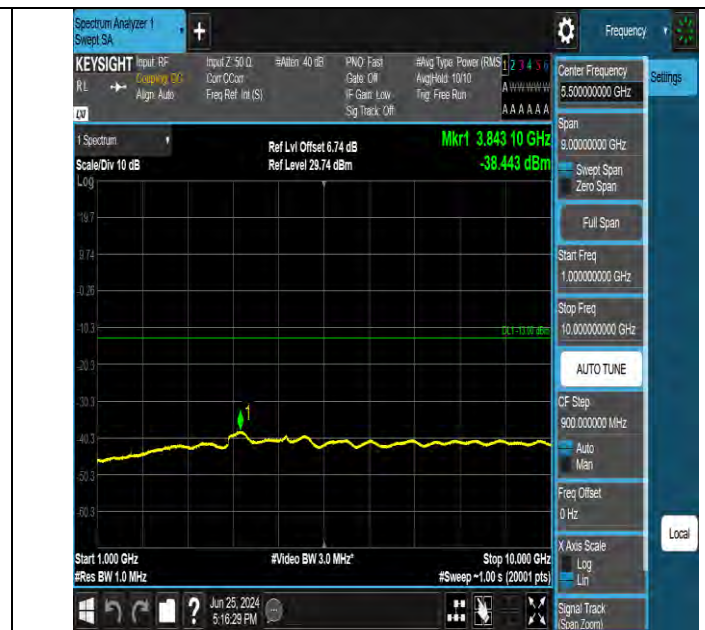






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Test Report No.: W7L-P24050014RF05



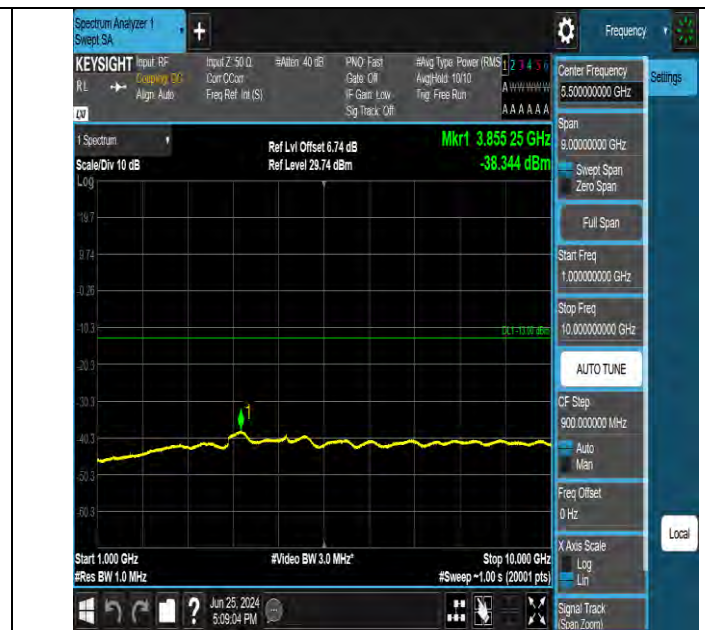
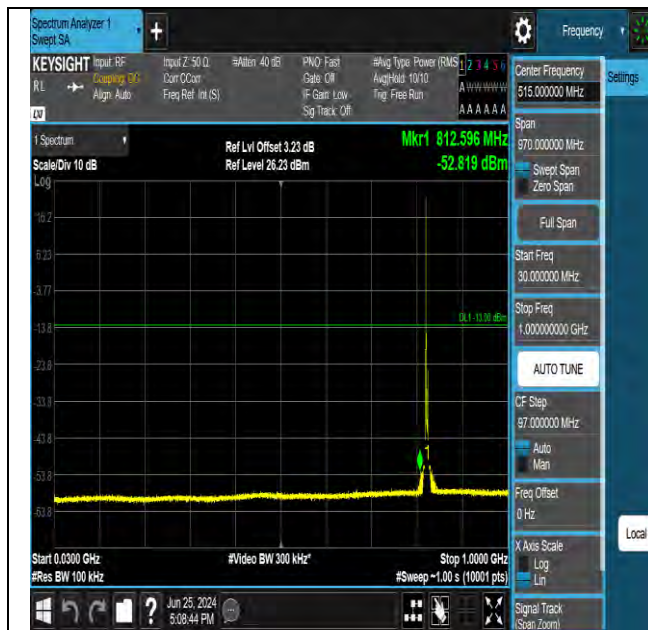
Band26 3MHz QPSK 26915 1RB#0 30~1000 30~1000

Band26 3MHz QPSK 26915 1RB#0 1000~10000 1000~10000



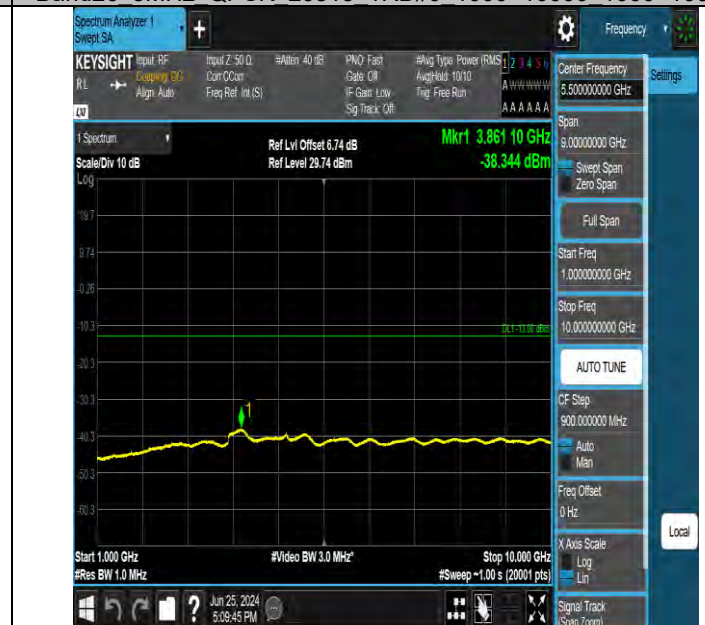
BUREAU
VERITAS

Test Report No.: W7L-P24050014RF05



Band26 5MHz QPSK 26815 1RB#0 30~1000 30~1000

Band26 5MHz QPSK 26815 1RB#0 1000~10000 1000~10000



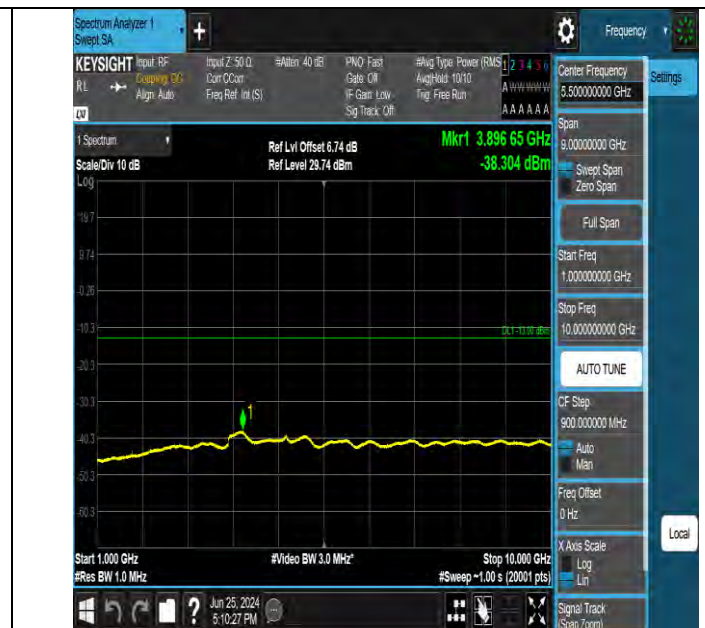
Band26 5MHz QPSK 26915 1RB#0 30~1000 30~1000

Band26 5MHz QPSK 26915 1RB#0 1000~10000 1000~10000



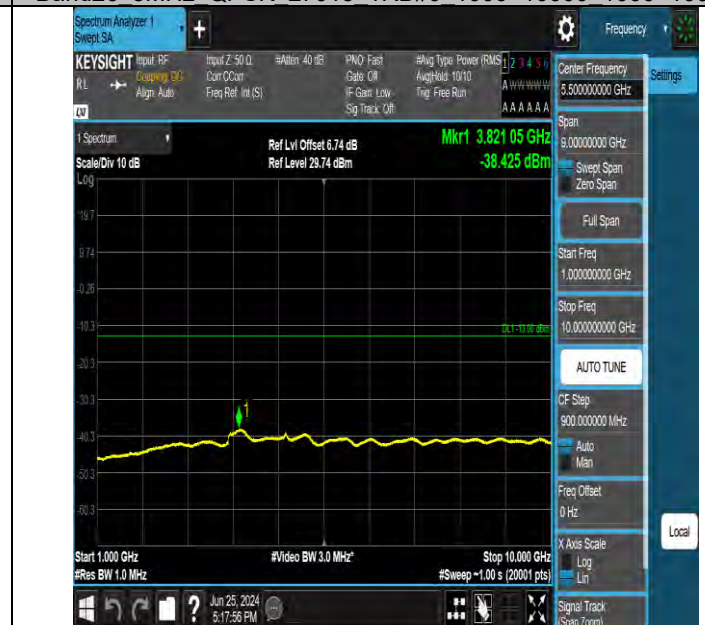
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Test Report No.: W7L-P24050014RF05



Band26 5MHz QPSK 27015 1RB#0 30~1000 30~1000

Band26 5MHz QPSK 27015 1RB#0 1000~10000 1000~10000



Band26 10MHz QPSK 26840 1RB#0 30~1000 30~1000

Band26 10MHz QPSK 26840 1RB#0 1000~10000 1000~10000



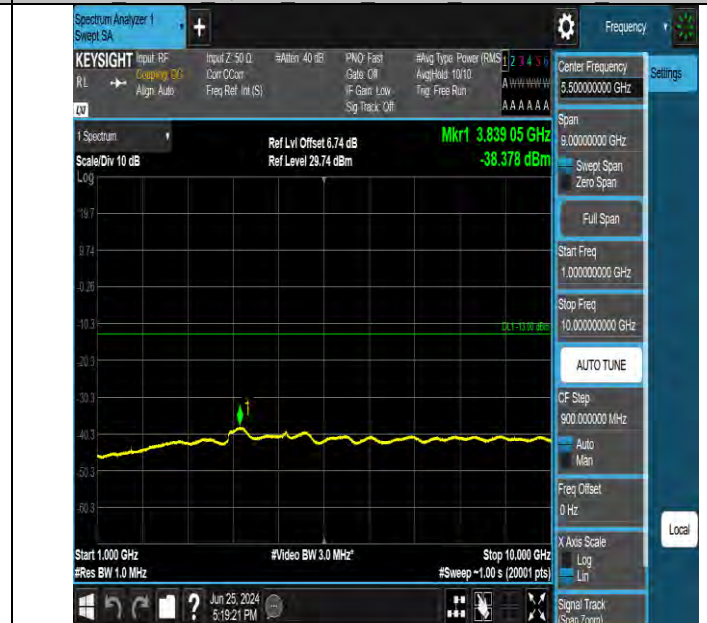
BUREAU
VERITAS

Test Report No.: W7L-P24050014RF05



Band26 10MHz QPSK 26915 1RB#0 30~1000 30~1000

Band26 10MHz QPSK 26915 1RB#0 1000~10000 1000~10000



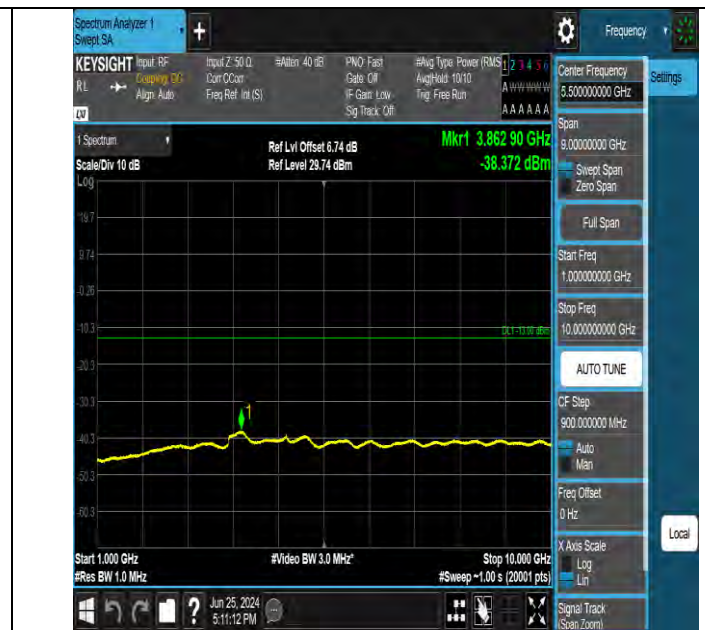
Band26 10MHz QPSK 26990 1RB#0 30~1000 30~1000

Band26 10MHz QPSK 26990 1RB#0 1000~10000 1000~10000



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Test Report No.: W7L-P24050014RF05



Band26 15MHz QPSK 26865 1RB#0 30~1000 30~1000

Band26 15MHz QPSK 26865 1RB#0 1000~10000 1000~10000



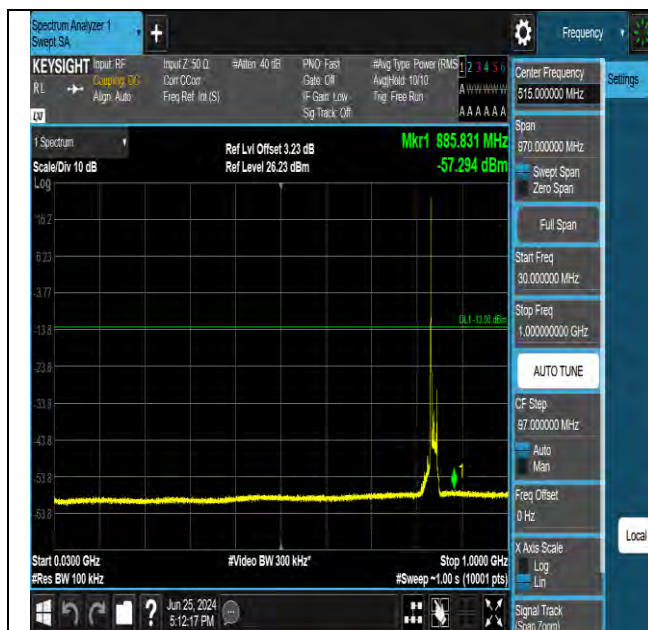
Band26 15MHz QPSK 26915 1RB#0 30~1000 30~1000

Band26 15MHz QPSK 26915 1RB#0 1000~10000 1000~10000



BUREAU
VERITAS

Test Report No.: W7L-P24050014RF05



Band26 15MHz QPSK 26965 1RB#0 30~1000 30~1000



Band26 15MHz QPSK 26965 1RB#0 1000~10000 1000~10000



FREQUENCY STABILITY

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
26(824-849)	10MHz	QPSK	26840	50RB #0	VN	NT	-1106.28	-1.334472	824.52652	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB #0	VL	NT	1100.09	1.327010	824.52246	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB #0	VH	NT	-1171.58	-1.413242	824.523	---	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB #0	VN	NT	918.08	1.086482	---	848.45343	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB #0	VL	NT	-1065.56	-1.261016	---	848.45346	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB #0	VH	NT	-1100.59	-1.302472	---	848.45131	824-849	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
26(824-849)	10MHz	QPSK	26840	50RB #0	NV	-30	-1032.45	-1.245416	824.52613	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB #0	NV	-20	1191.87	1.437725	824.53129	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB #0	NV	-10	-1340.65	-1.617185	824.52544	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB #0	NV	0	-1479.55	-1.784735	824.52475	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB #0	NV	10	1304.18	1.573196	824.53242	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB #0	NV	20	-1336.59	-1.612286	824.52773	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB #0	NV	30	-1500.38	-1.809866	824.53142	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB #0	NV	40	-1518.48	-1.831704	824.52394	---	824-849	PASS
26(824-849)	10MHz	QPSK	26840	50RB #0	NV	50	-1565.63	-1.888581	824.5221	---	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB #0	NV	-30	880.47	1.041977	---	848.45321	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB #0	NV	-20	-980.77	-1.160677	---	848.45236	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB #0	NV	-10	-1156.07	-1.368125	---	848.45601	824-849	PASS
26(824-849)	10MHz	QPSK	26990	50RB #0	NV	0	1144.4	1.354	---	848.4	824-849	PASS

**Test Report No.: W7L-P24050014RF05**

4-849)	z			#0			2	348		5807	49	
26(82 4-849)	10MH z	QPSK	26990	50RB #0	NV	10	877.5 1	1.038 478	---	848.4 5537	824-8 49	PASS
26(82 4-849)	10MH z	QPSK	26990	50RB #0	NV	20	-413.9 1	-0.489 834	---	848.4 5238	824-8 49	PASS
26(82 4-849)	10MH z	QPSK	26990	50RB #0	NV	30	-696.3 4	-0.824 067	---	848.4 5073	824-8 49	PASS
26(82 4-849)	10MH z	QPSK	26990	50RB #0	NV	40	649.3 9	0.768 506	---	848.4 5822	824-8 49	PASS
26(82 4-849)	10MH z	QPSK	26990	50RB #0	NV	50	643.5 8	0.761 631	---	848.4 5567	824-8 49	PASS

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