



**BUREAU  
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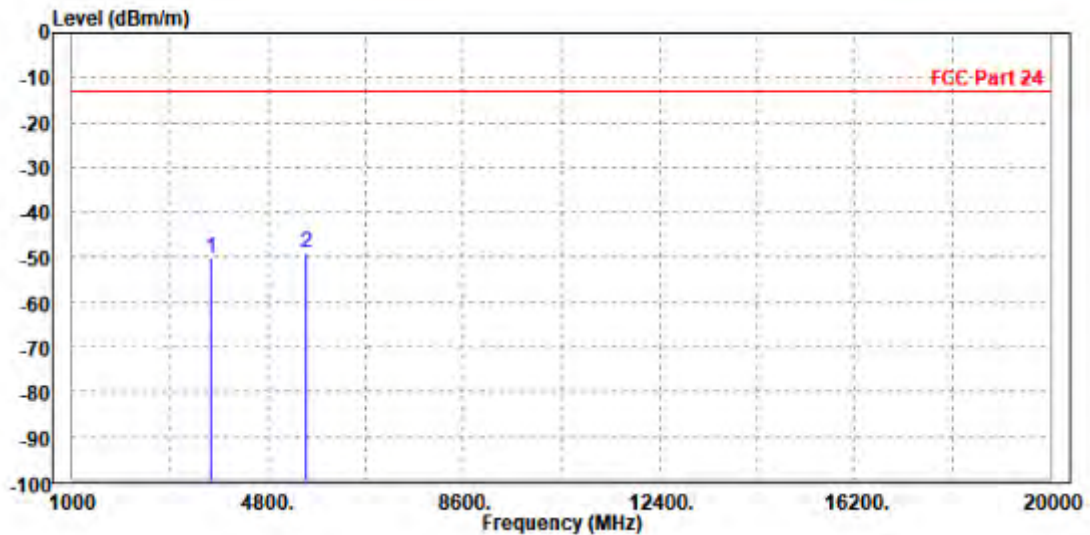
Test Report No.: W7L-P24050016RF06

WCDMA Band II(Ant0) (UP):

CH 9262

<b>MODE</b>	TX channel 9262	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3704.800	-50.35	-58.75	-13.00	-37.35	8.40	Peak	Horizontal
2 PP	5560.000	-49.05	-60.85	-13.00	-36.05	11.80	Peak	Horizontal



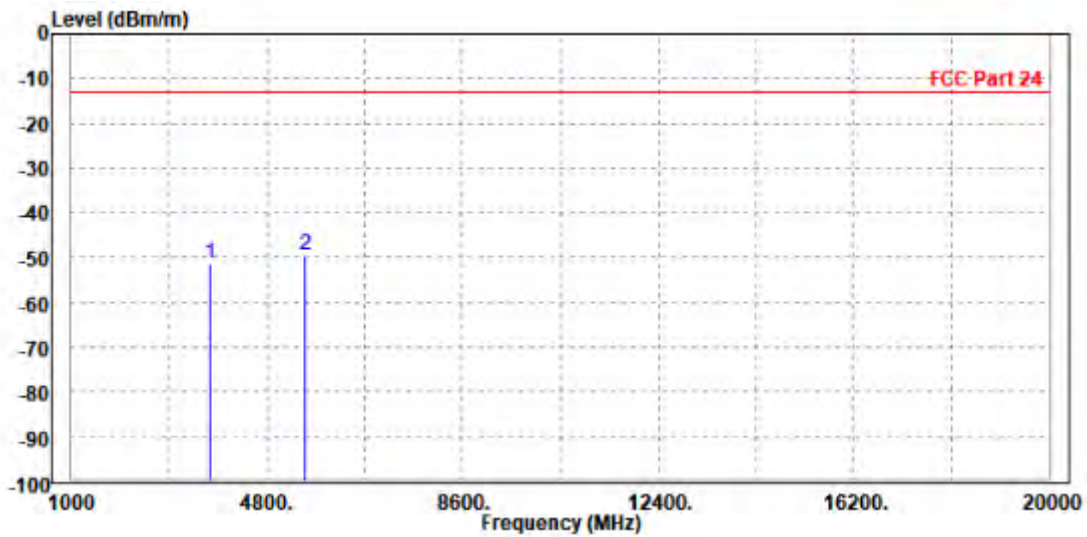


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Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 9262	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3698.000	-51.38	-60.01	-13.00	-38.38	8.63	Peak	Vertical
2 PP	5557.200	-49.27	-61.60	-13.00	-36.27	12.33	Peak	Vertical





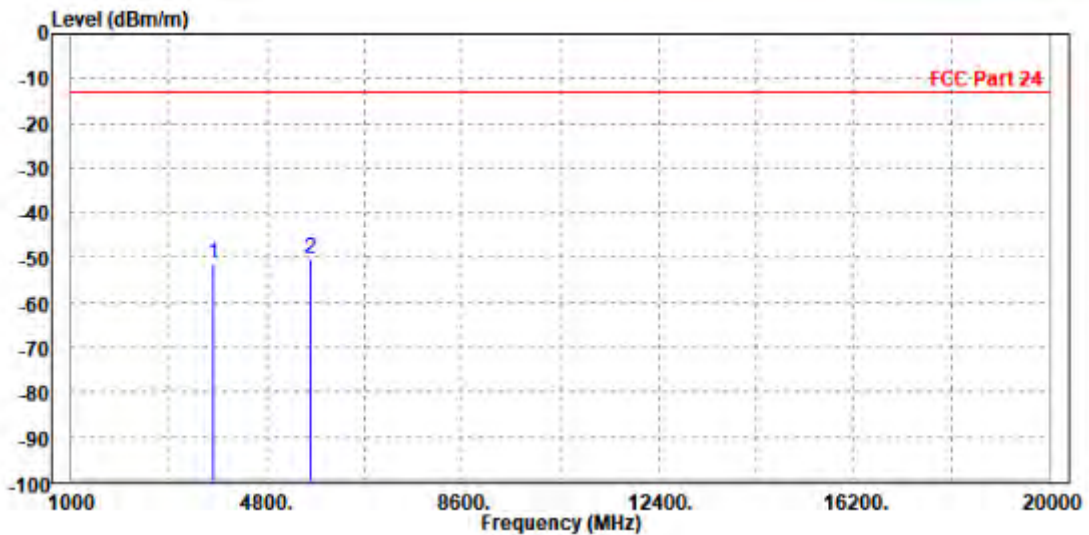
BUREAU VERITAS

Test Report No.: W7L-P24050016RF06

CH 9400

MODE	TX channel 9400	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3755.000	-51.32	-59.68	-13.00	-38.32	8.36	Peak	Horizontal
2 PP	5640.000	-50.02	-61.83	-13.00	-37.02	11.81	Peak	Horizontal



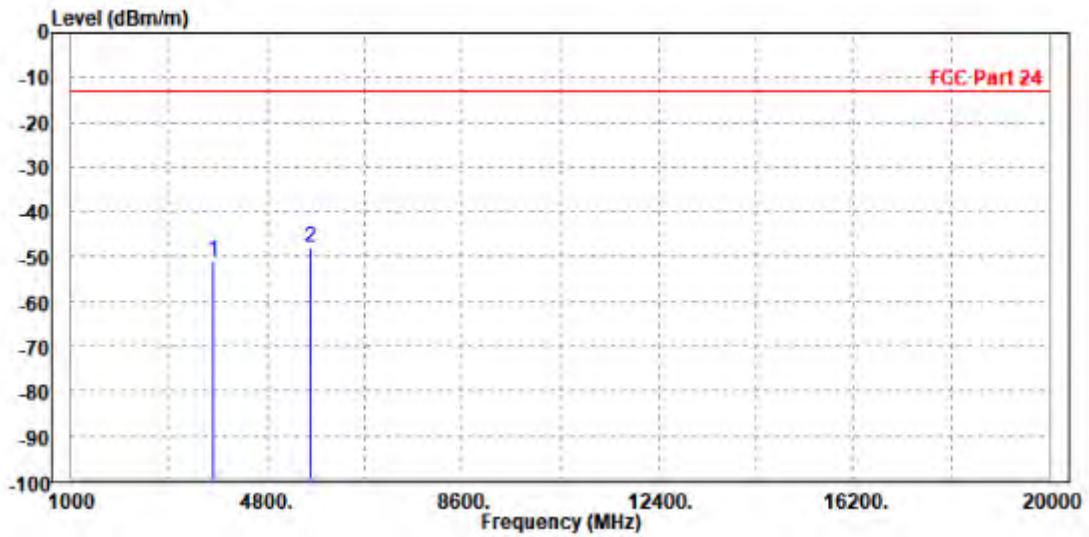


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Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 9400	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-50.82	-59.45	-13.00	-37.82	8.63	Peak	Vertical
2 PP	5636.000	-48.03	-60.35	-13.00	-35.03	12.32	Peak	Vertical





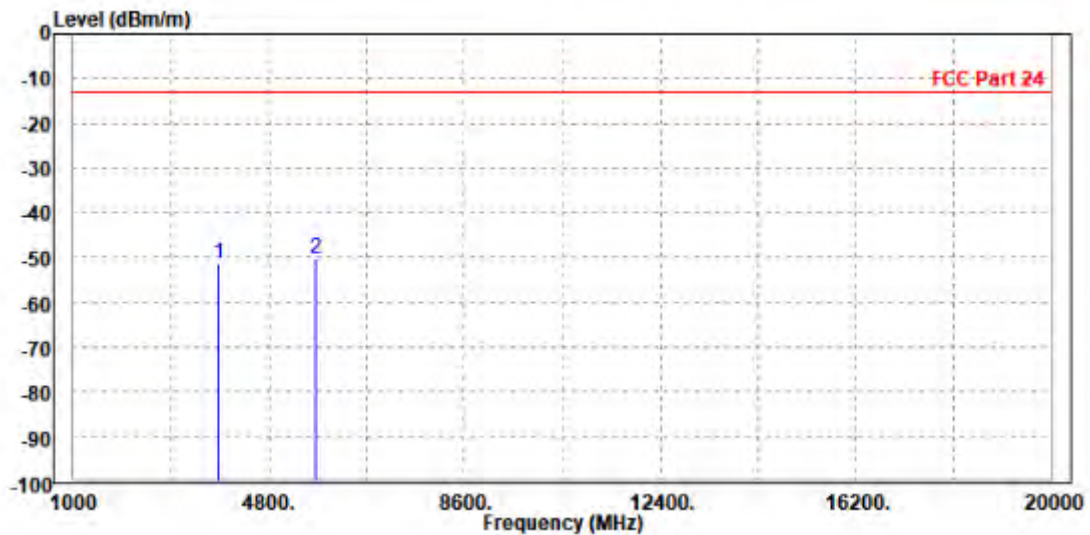
BUREAU VERITAS

Test Report No.: W7L-P24050016RF06

CH 9538

MODE	TX channel 9538	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3812.000	-51.21	-59.52	-13.00	-38.21	8.31	Peak	Horizontal
2 PP	5722.800	-50.36	-62.18	-13.00	-37.36	11.82	Peak	Horizontal





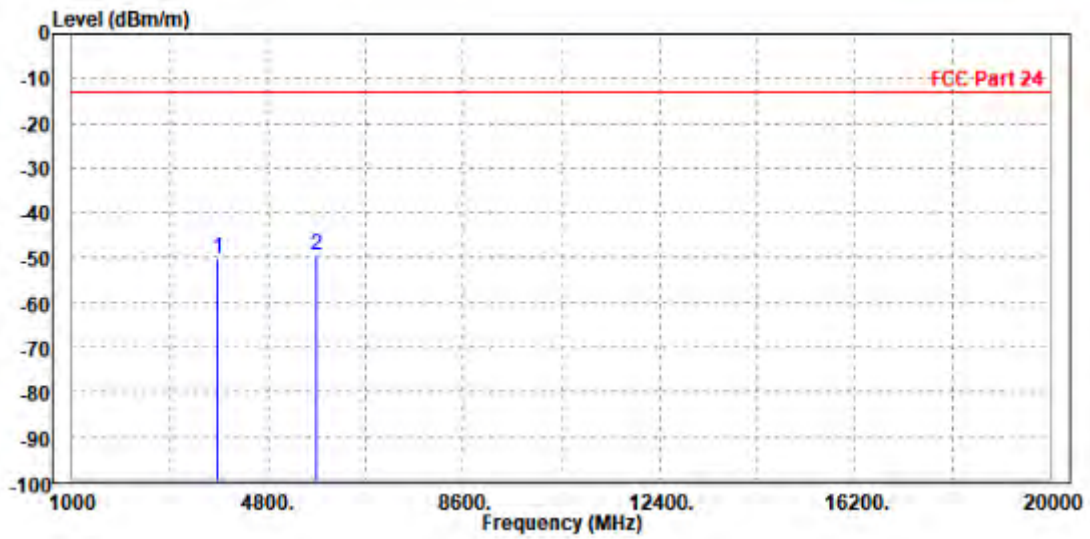


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Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 9538	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3815.200	-50.03	-58.66	-13.00	-37.03	8.63	Peak	Vertical
2 PP	5731.000	-49.41	-61.72	-13.00	-36.41	12.31	Peak	Vertical



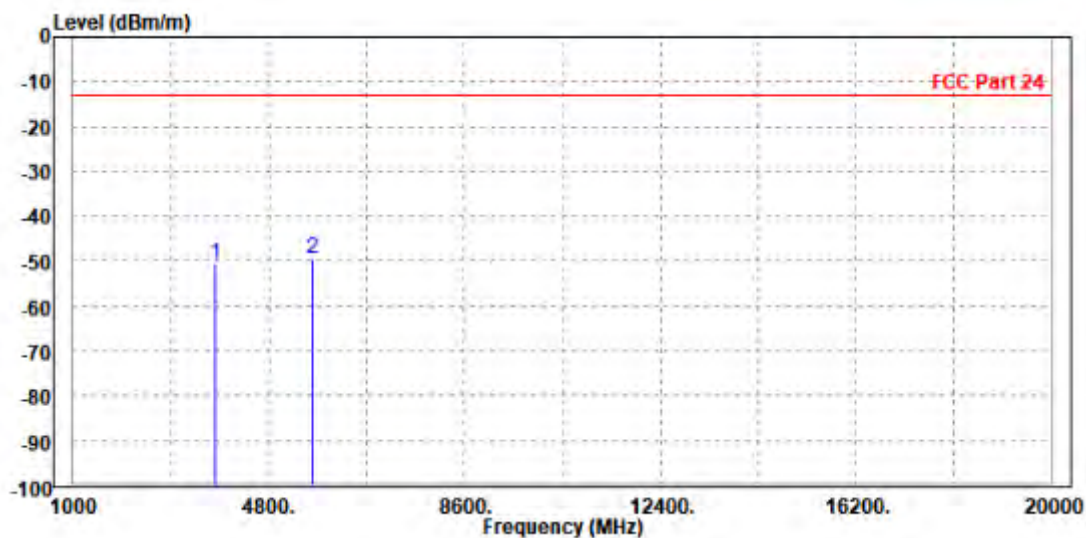


LTE Band 2(Ant0) (UP):

CHANNEL BANDWIDTH: 1.4MHz / QPSK

MODE	TX channel 18900	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
TESTED BY	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-50.63	-58.98	-13.00	-37.63	8.35	Peak	Horizontal
2 PP	5636.000	-49.58	-61.39	-13.00	-36.58	11.81	Peak	Horizontal



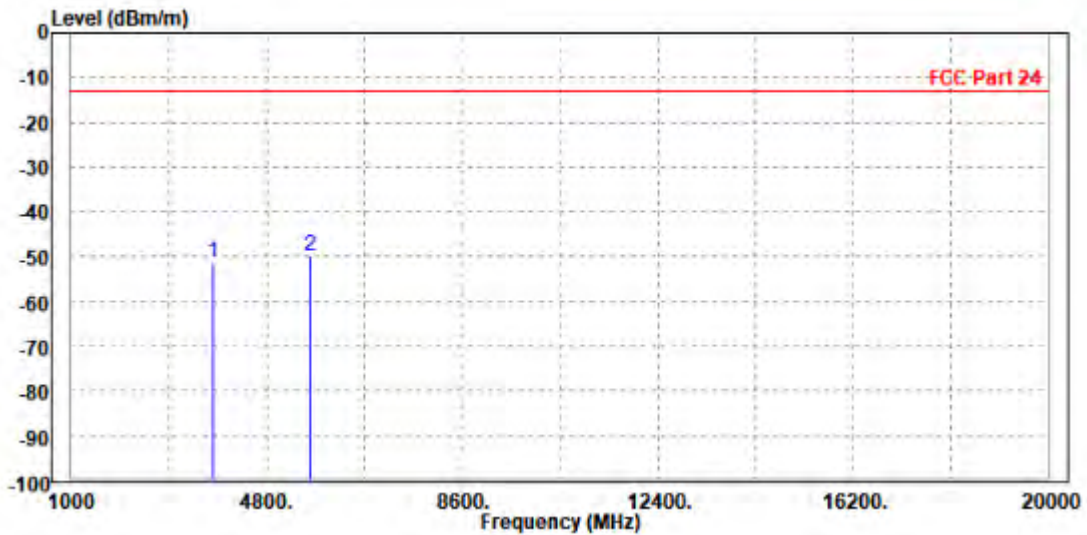


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Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 18900	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3755.000	-51.24	-59.87	-13.00	-38.24	8.63	Peak	Vertical
2 PP	5640.000	-49.89	-62.21	-13.00	-36.89	12.32	Peak	Vertical







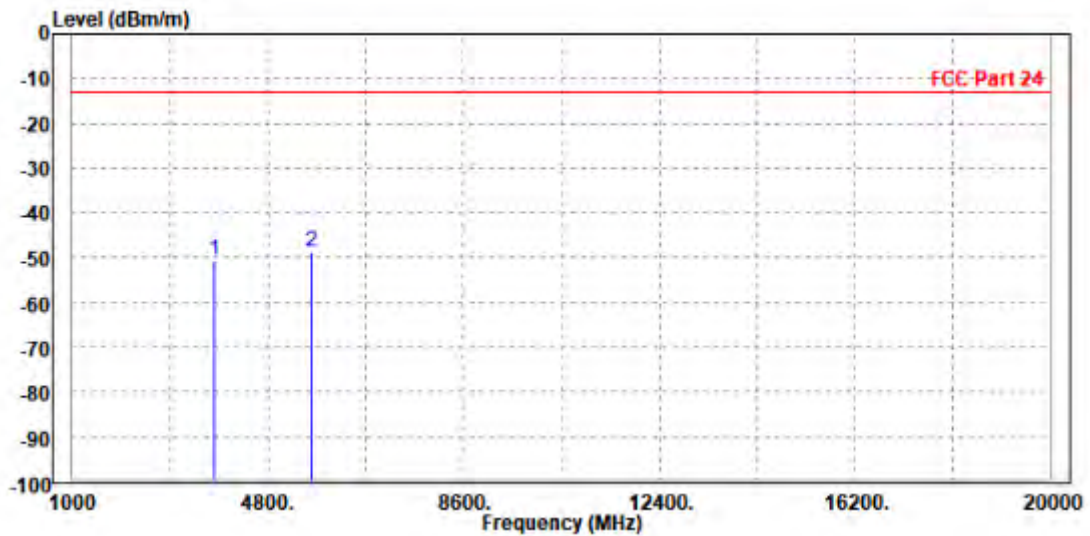
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Test Report No.: W7L-P24050016RF06

**CHANNEL BANDWIDTH: 3MHz / QPSK**

<b>MODE</b>	TX channel 18900	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3755.000	-50.60	-58.96	-13.00	-37.60	8.36	Peak	Horizontal
2 PP	5640.000	-48.67	-60.48	-13.00	-35.67	11.81	Peak	Horizontal



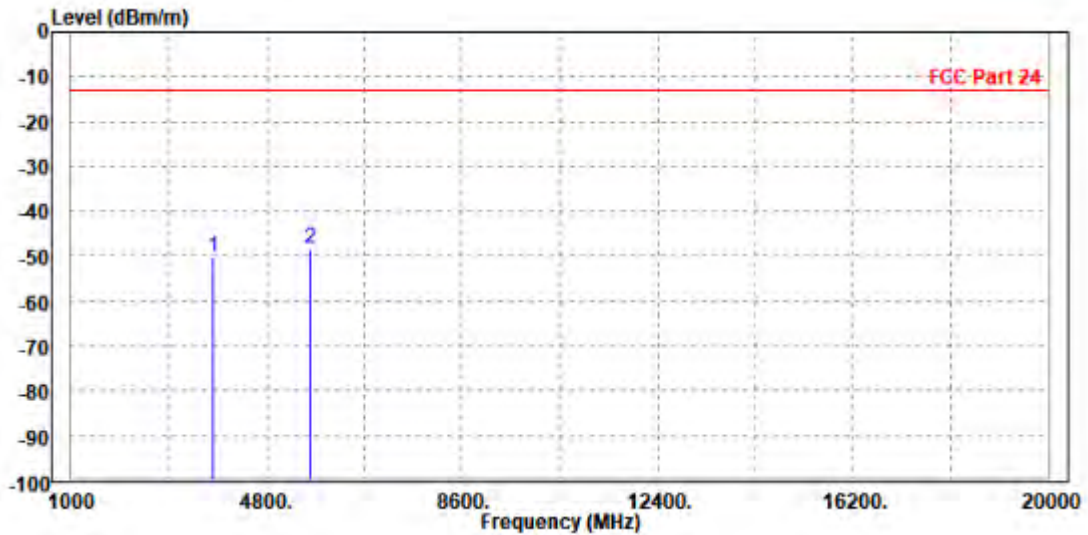


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VERITAS**

Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 18900	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-50.18	-58.81	-13.00	-37.18	8.63	Peak	Vertical
2 PP	5636.000	-48.18	-60.50	-13.00	-35.18	12.32	Peak	Vertical





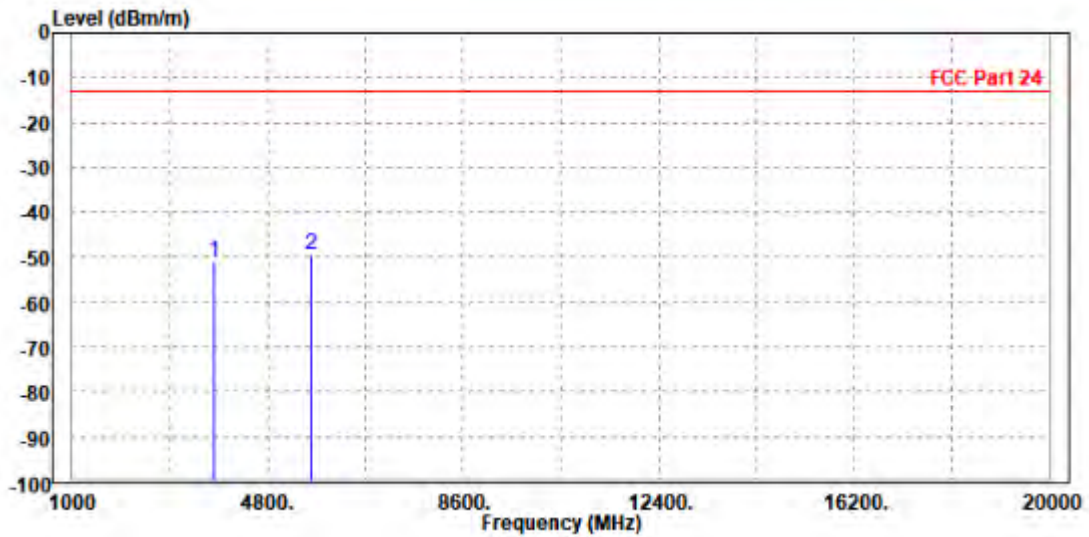
**BUREAU  
VERITAS**

Test Report No.: W7L-P24050016RF06

**CHANNEL BANDWIDTH: 5MHz / QPSK**

<b>MODE</b>	TX channel 18900	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-50.89	-59.24	-13.00	-37.89	8.35	Peak	Horizontal
2 PP	5636.000	-49.62	-61.43	-13.00	-36.62	11.81	Peak	Horizontal



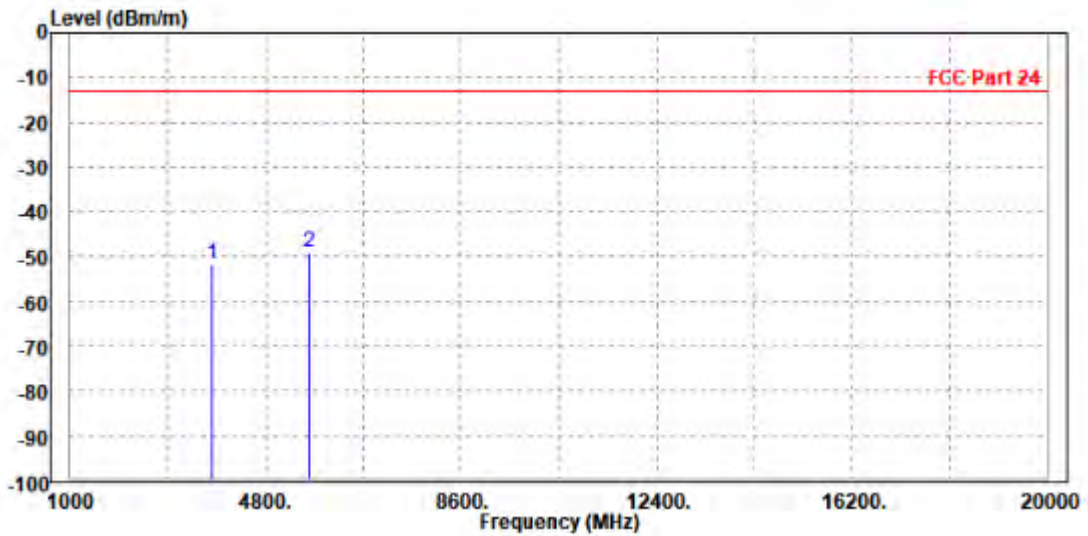


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Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 18900	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3755.000	-51.53	-60.16	-13.00	-38.53	8.63	Peak	Vertical
2 PP	5640.000	-49.09	-61.41	-13.00	-36.09	12.32	Peak	Vertical





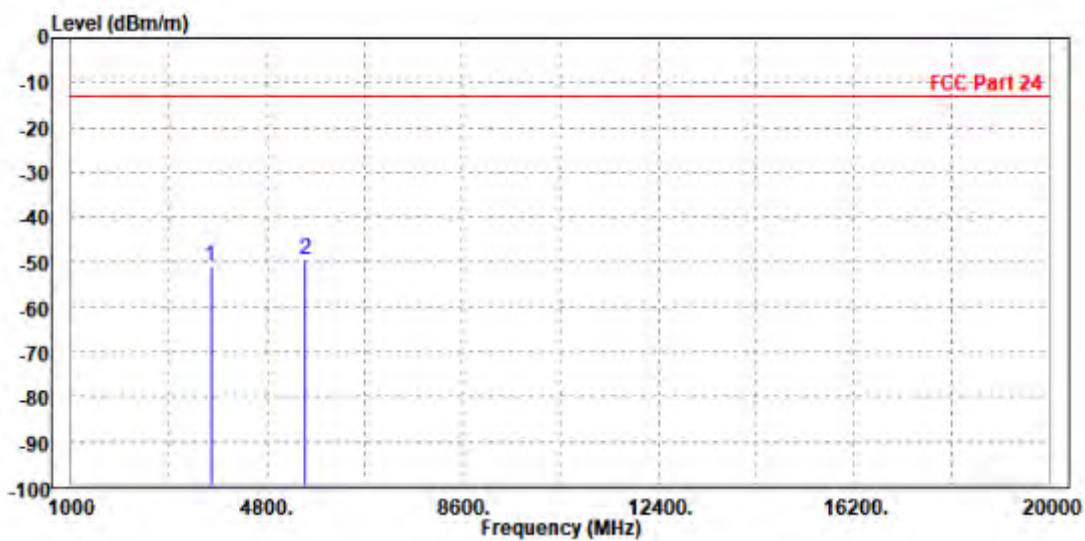
Test Report No.: W7L-P24050016RF06

CHANNEL BANDWIDTH: 10MHz / QPSK

CH18650

MODE	TX channel 18650	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60Hz
TESTED BY	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3710.000	-50.86	-59.25	-13.00	-37.86	8.39	Peak	Horizontal
2 PP	5560.000	-49.53	-61.33	-13.00	-36.53	11.80	Peak	Horizontal





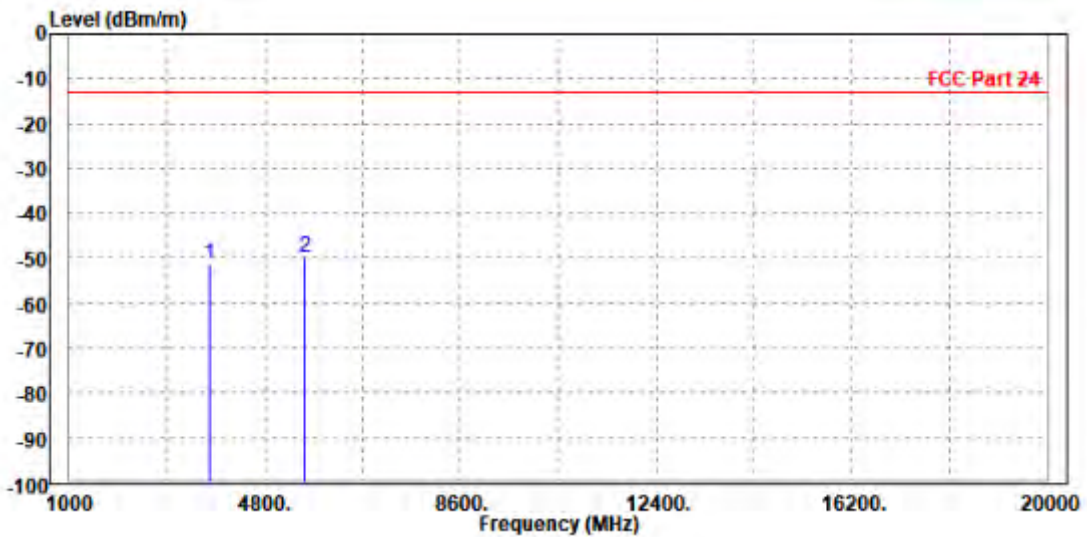


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Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 18650	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3717.000	-51.42	-60.05	-13.00	-38.42	8.63	Peak	Vertical
2 PP	5565.000	-49.77	-62.10	-13.00	-36.77	12.33	Peak	Vertical





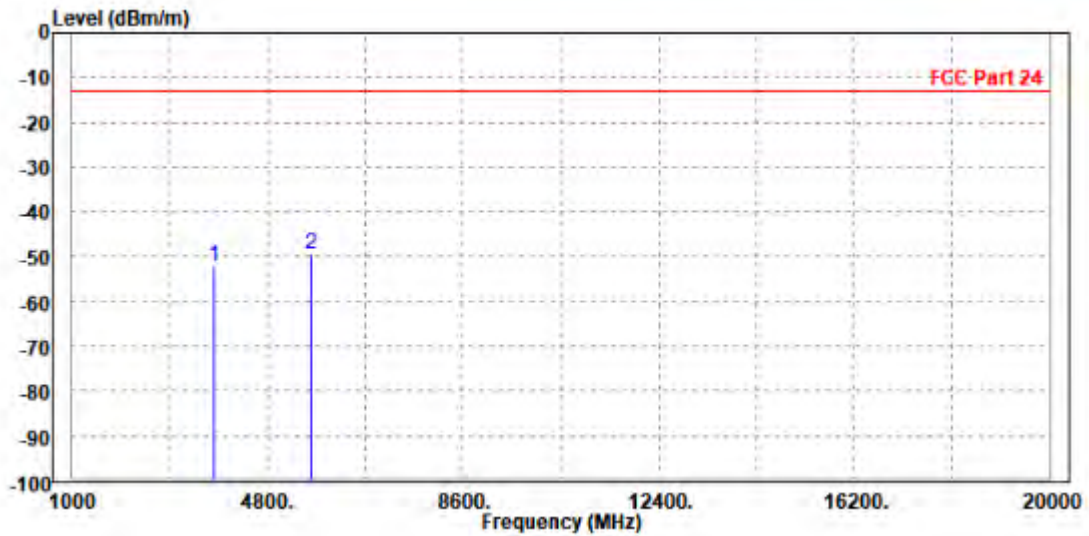
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VERITAS**

Test Report No.: W7L-P24050016RF06

CH18900

<b>MODE</b>	TX channel 18900	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3755.000	-52.04	-60.40	-13.00	-39.04	8.36	Peak	Horizontal
2 PP	5640.000	-49.50	-61.31	-13.00	-36.50	11.81	Peak	Horizontal



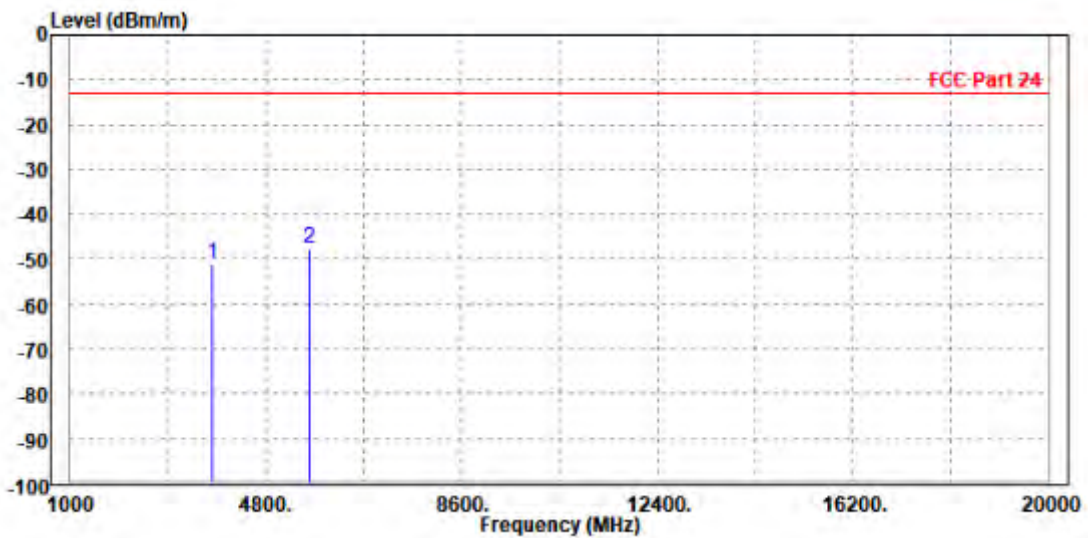


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Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 18900	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-51.05	-59.68	-13.00	-38.05	8.63	Peak	Vertical
2 PP	5636.000	-47.66	-59.98	-13.00	-34.66	12.32	Peak	Vertical





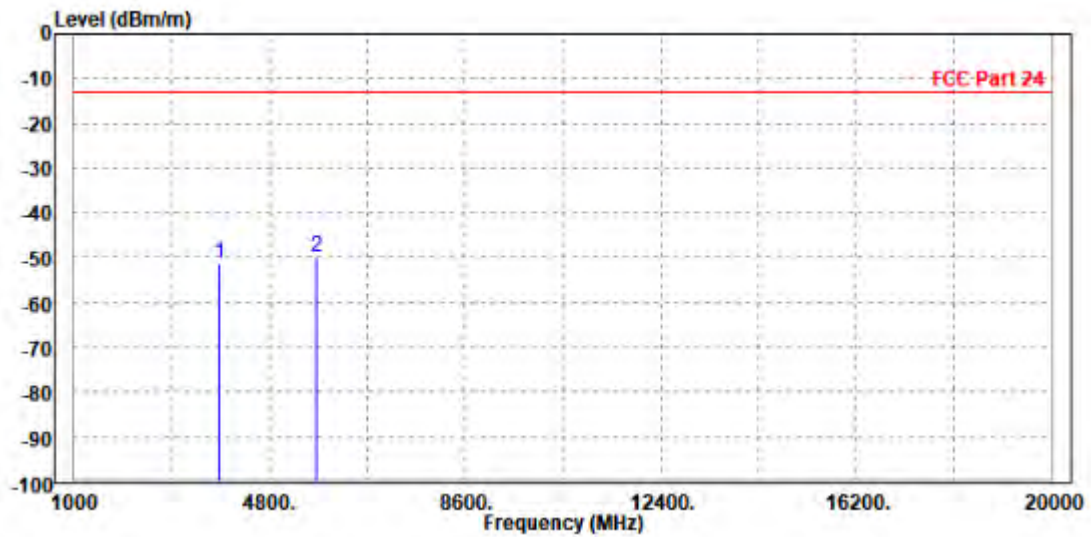
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Test Report No.: W7L-P24050016RF06

**CH19150**

<b>MODE</b>	TX channel 19150	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3812.000	-51.27	-59.58	-13.00	-38.27	8.31	Peak	Horizontal
2 PP	5715.000	-49.62	-61.44	-13.00	-36.62	11.82	Peak	Horizontal



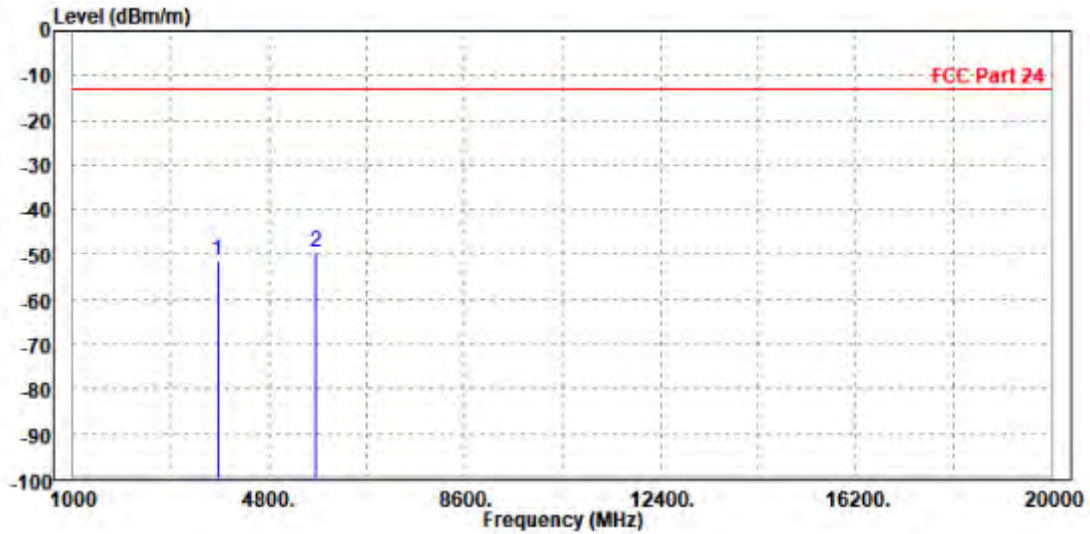


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Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 19150	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3810.000	-51.44	-60.07	-13.00	-38.44	8.63	Peak	Vertical
2 PP	5712.000	-49.36	-61.67	-13.00	-36.36	12.31	Peak	Vertical







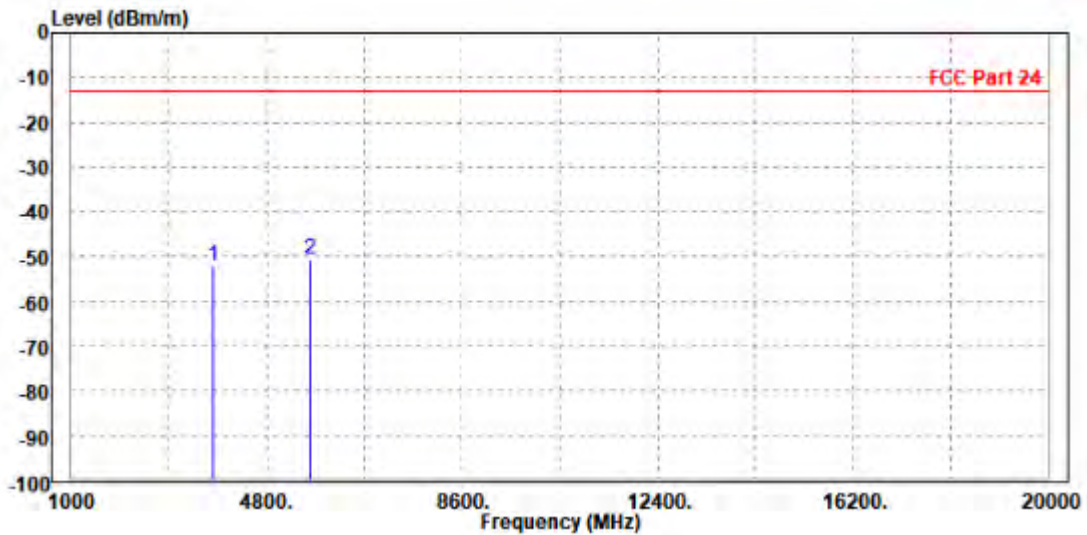
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Test Report No.: W7L-P24050016RF06

**CHANNEL BANDWIDTH: 15MHz / QPSK**

<b>MODE</b>	TX channel 18900	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-52.00	-60.35	-13.00	-39.00	8.35	Peak	Horizontal
2 PP	5636.000	-50.44	-62.25	-13.00	-37.44	11.81	Peak	Horizontal



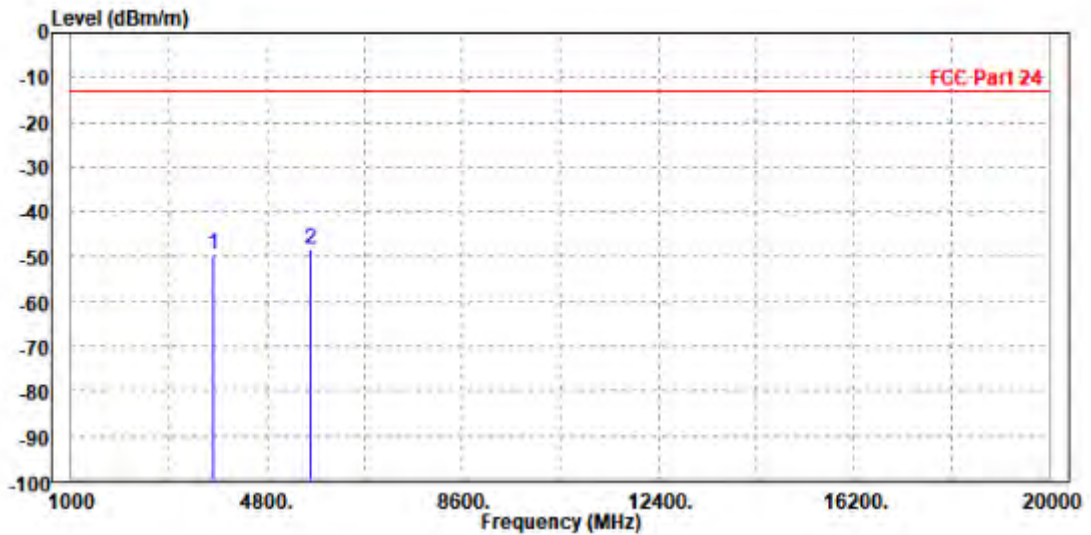


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Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 18900	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3755.000	-49.28	-57.91	-13.00	-36.28	8.63	Peak	Vertical
2	PP 5640.000	-48.25	-60.57	-13.00	-35.25	12.32	Peak	Vertical





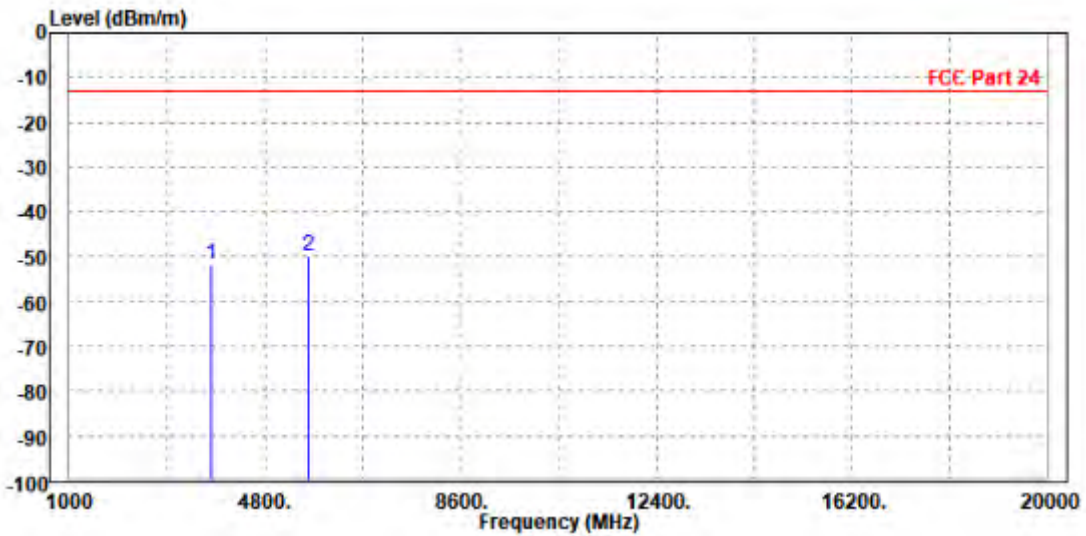
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Test Report No.: W7L-P24050016RF06

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 18900	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	3755.000	-51.64	-60.00	-13.00	-38.64	8.36	Peak	Horizontal
2 PP	5640.000	-49.65	-61.46	-13.00	-36.65	11.81	Peak	Horizontal



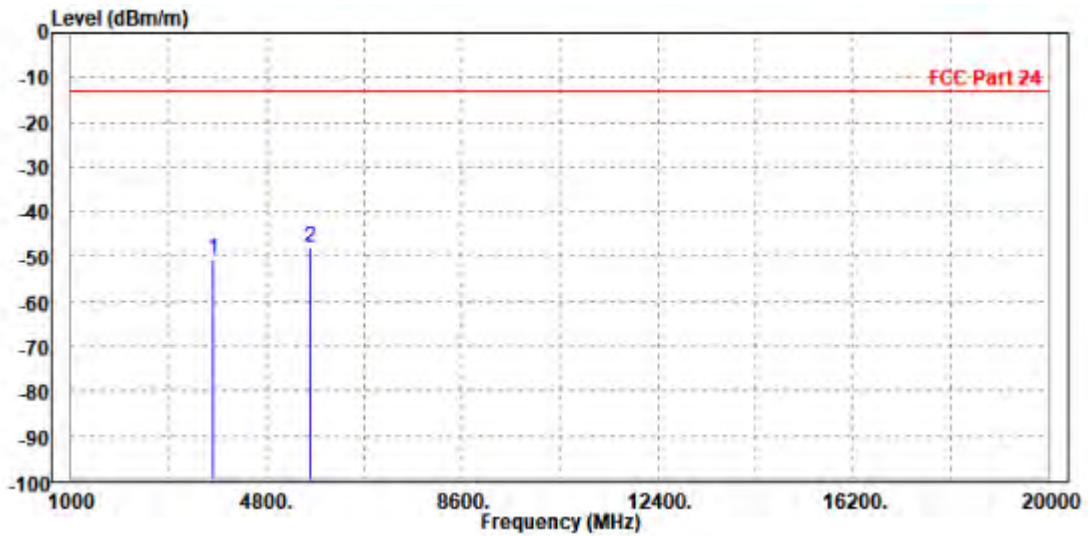


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Test Report No.: W7L-P24050016RF06

<b>MODE</b>	TX channel 18900	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60Hz
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-50.39	-59.02	-13.00	-37.39	8.63	Peak	Vertical
2 PP	5636.000	-48.05	-60.37	-13.00	-35.05	12.32	Peak	Vertical



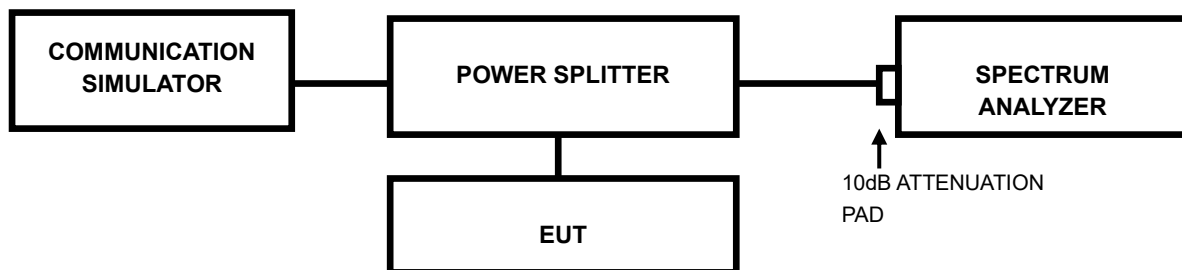


### 3.7 PEAK TO AVERAGE RATIO

#### 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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Test Report No.: W7L-P24050016RF06

## 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:

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**Web Site:** [www.adt.com.tw](http://www.adt.com.tw)

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



Test Report No.: W7L-P24050016RF06

## 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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Test Report No.: W7L-P24050016RF06

## 7 APPENDIX

### GSM 1900

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

##### Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM1900	512	2.61	13	PASS
GSM1900	661	2.62	13	PASS
GSM1900	810	2.63	13	PASS
EGPRS1900	512	5.48	13	PASS
EGPRS1900	661	5.48	13	PASS
EGPRS1900	810	5.41	13	PASS

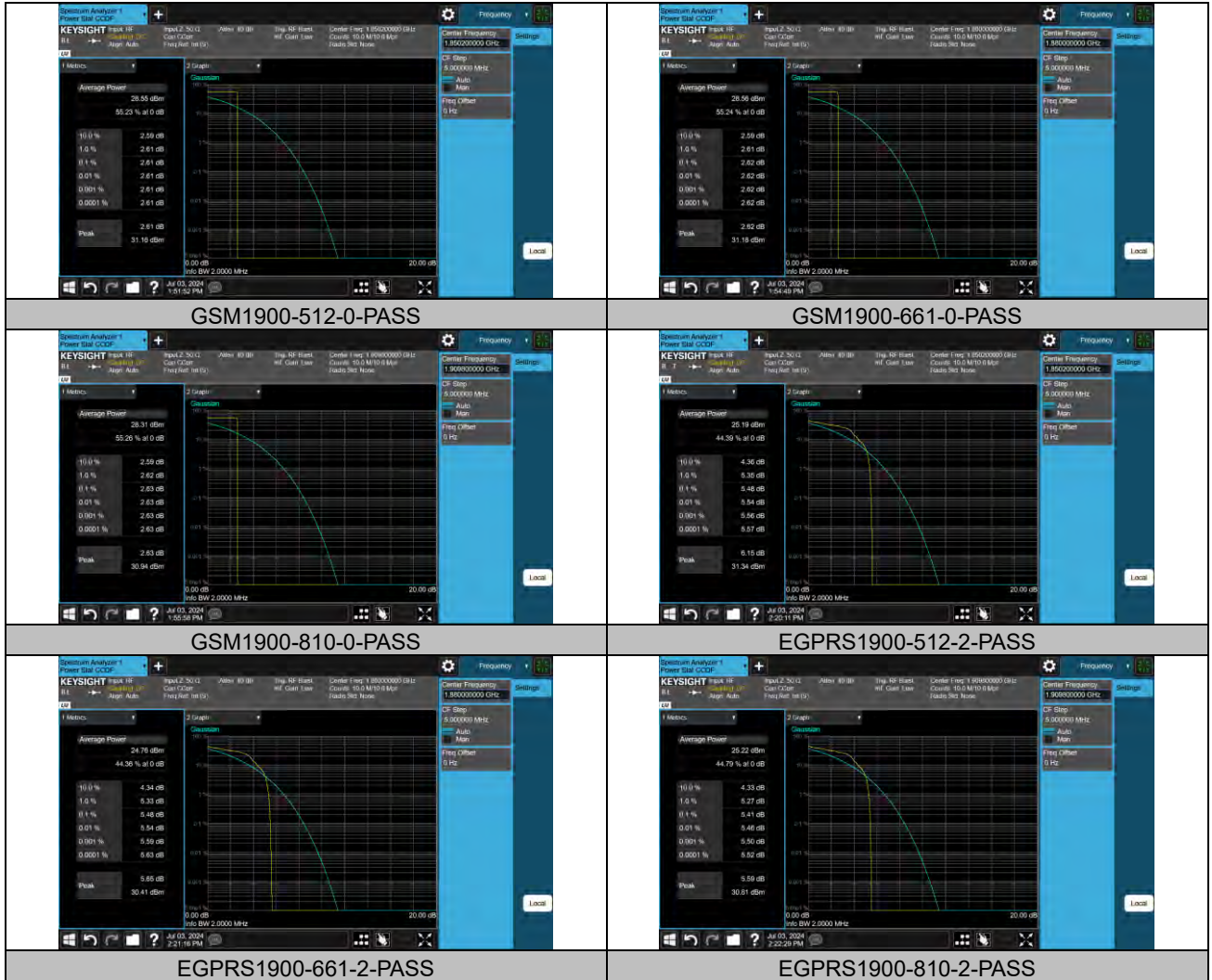




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### Test Graphs



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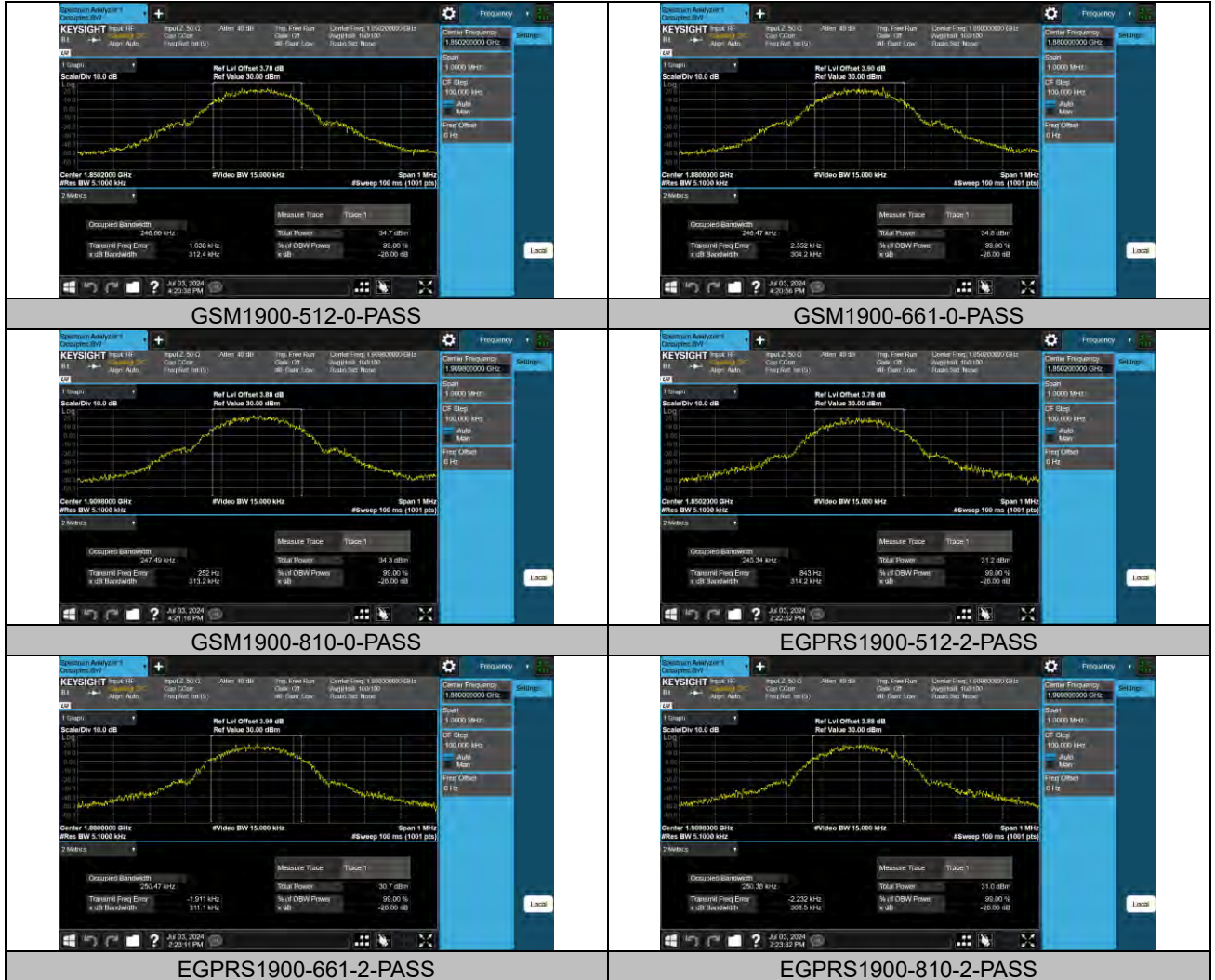
Test Report No.: W7L-P24050016RF06

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM1900	512	0.24666	0.3124	---	PASS
GSM1900	661	0.24647	0.3042	---	PASS
GSM1900	810	0.24749	0.3132	---	PASS
EGPRS1900	512	0.24534	0.3142	---	PASS
EGPRS1900	661	0.25047	0.3111	---	PASS
EGPRS1900	810	0.25038	0.3085	---	PASS

## Test Graphs





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## BAND EDGE

### Test Result

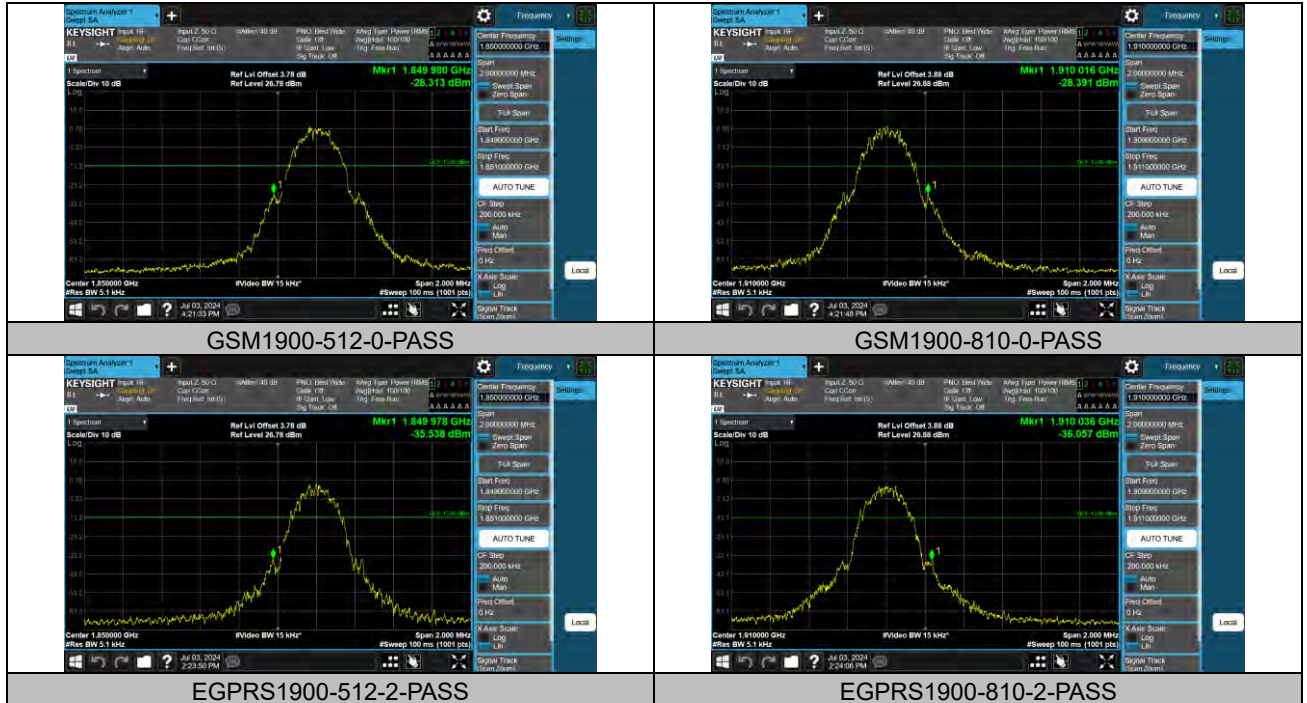
Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM1900	512	1849.98	-28.31	-13	PASS
GSM1900	810	1910.02	-28.39	-13	PASS
EGPRS1900	512	1849.98	-35.54	-13	PASS
EGPRS1900	810	1910.04	-36.06	-13	PASS



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### Test Graphs



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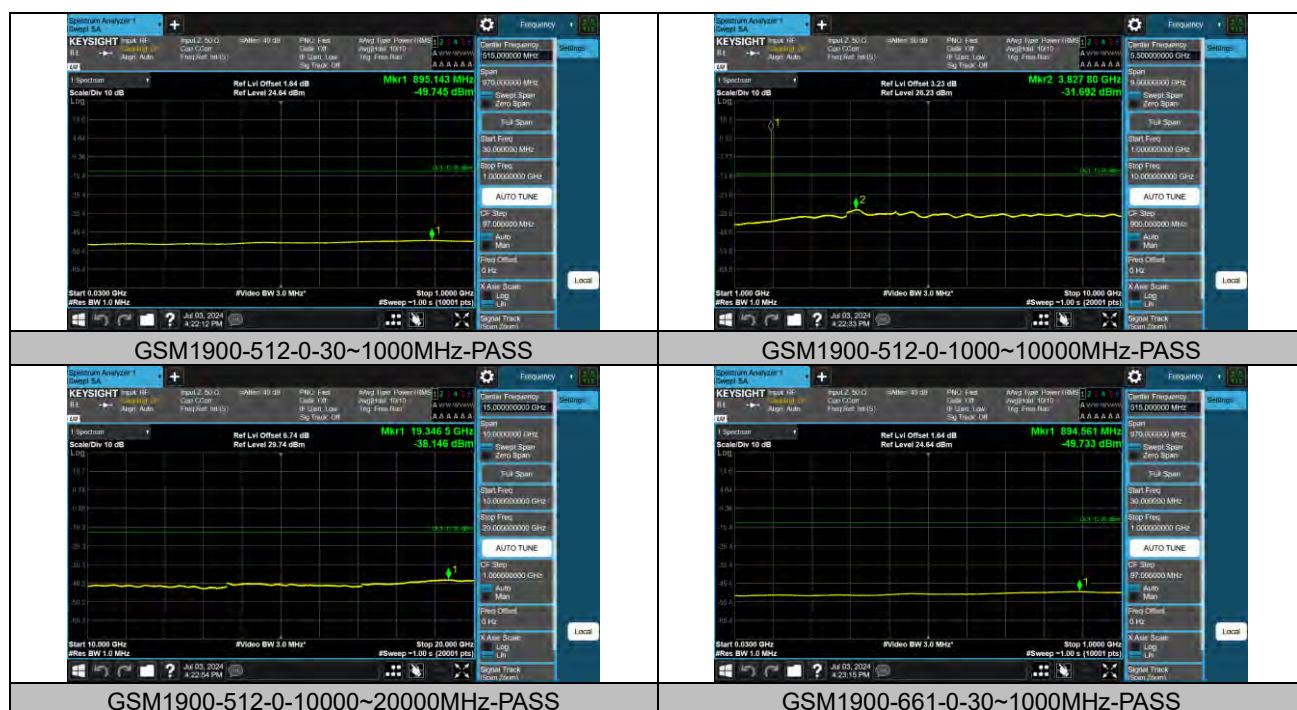


## CONDUCTED SPURIOUS EMISSION

### Test Result

Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GSM1900	512	30~1000MHz	895.14	-49.75	-13	PASS
GSM1900	512	1000~10000MHz	3827.8	-31.69	-13	PASS
GSM1900	512	10000~20000MHz	19346.5	-38.15	-13	PASS
GSM1900	661	30~1000MHz	894.56	-49.73	-13	PASS
GSM1900	661	1000~10000MHz	3838.6	-31.76	-13	PASS
GSM1900	661	10000~20000MHz	19310.5	-38.31	-13	PASS
GSM1900	810	30~1000MHz	868.86	-49.75	-13	PASS
GSM1900	810	1000~10000MHz	3842.65	-31.45	-13	PASS
GSM1900	810	10000~20000MHz	19320.5	-38.28	-13	PASS
EGPRS1900	512	30~1000MHz	895.43	-49.72	-13	PASS
EGPRS1900	512	1000~10000MHz	3836.35	-31.7	-13	PASS
EGPRS1900	512	10000~20000MHz	19334	-38.22	-13	PASS
EGPRS1900	661	30~1000MHz	906.4	-49.76	-13	PASS
EGPRS1900	661	1000~10000MHz	3795.4	-31.73	-13	PASS
EGPRS1900	661	10000~20000MHz	19144.5	-38.31	-13	PASS
EGPRS1900	810	30~1000MHz	906.69	-49.75	-13	PASS
EGPRS1900	810	1000~10000MHz	3817.45	-31.56	-13	PASS
EGPRS1900	810	10000~20000MHz	19343	-38.36	-13	PASS

### Test Graphs





BUREAU VERITAS

Test Report No.: W7L-P24050016RF06



GSM1900-661-0-1000~10000MHz-PASS

GSM1900-661-0-1000~20000MHz-PASS



GSM1900-810-0-30~1000MHz-PASS



GSM1900-810-0-100~10000MHz-PASS



GSM1900-810-0-1000~20000MHz-PASS



EGPRS1900-512-2-30~1000MHz-PASS



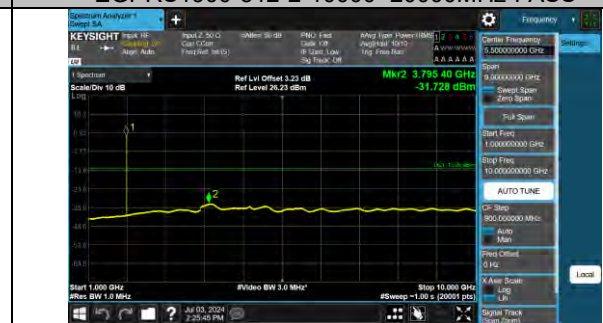
EGPRS1900-512-2-1000~10000MHz-PASS



EGPRS1900-512-2-1000~20000MHz-PASS



EGPRS1900-661-2-30~1000MHz-PASS



EGPRS1900-661-2-1000~10000MHz-PASS

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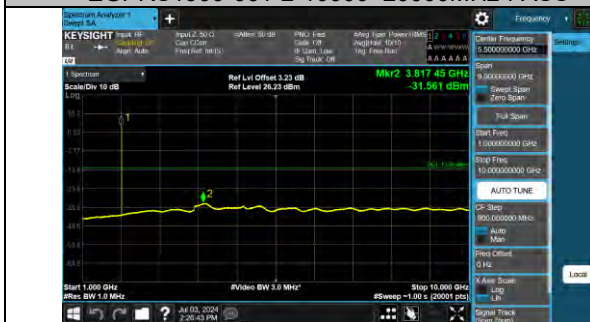
Test Report No.: W7L-P24050016RF06



EGPRS1900-661-2-10000~20000MHz-PASS



EGPRS1900-810-2-30~1000MHz-PASS



EGPRS1900-810-2-1000~10000MHz-PASS



EGPRS1900-810-2-10000~20000MHz-PASS

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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
GSM1900	512	VN	NT	720.00	0.389147	1850.07983	---	1850-1910	PASS
GSM1900	512	VL	NT	910.00	0.491839	1850.07866	---	1850-1910	PASS
GSM1900	512	VH	NT	1180.00	0.637769	1850.078015	---	1850-1910	PASS
GSM1900	810	VN	NT	660.00	0.345586	---	1909.92227	1850-1910	PASS
GSM1900	810	VL	NT	-360.00	-0.188501	---	1909.92131	1850-1910	PASS
GSM1900	810	VH	NT	0.00	0.000000	---	1909.92187	1850-1910	PASS

Temperature									
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
GSM1900	512	NV	-30	-220.00	-0.118906	1850.076975	---	1850-1910	PASS
GSM1900	512	NV	-20	-610.00	-0.329694	1850.07863	---	1850-1910	PASS
GSM1900	512	NV	-10	900.00	0.486434	1850.07918	---	1850-1910	PASS
GSM1900	512	NV	0	40.00	0.021619	1850.078895	---	1850-1910	PASS
GSM1900	512	NV	10	-120.00	-0.064858	1850.07679	---	1850-1910	PASS
GSM1900	512	NV	20	260.00	0.140525	1850.07816	---	1850-1910	PASS
GSM1900	512	NV	30	1470.00	0.794509	1850.078935	---	1850-1910	PASS
GSM1900	512	NV	40	200.00	0.108096	1850.077405	---	1850-1910	PASS
GSM1900	512	NV	50	1510.00	0.816128	1850.0777	---	1850-1910	PASS
GSM1900	810	NV	-30	1270.00	0.664991	---	1909.924595	1850-1910	PASS
GSM1900	810	NV	-20	-340.00	-0.178029	---	1909.921885	1850-1910	PASS
GSM1900	810	NV	-10	-520.00	-0.272280	---	1909.92226	1850-1910	PASS



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GSM190 0	810	NV	0	-680.00	-0.35605 8	---	1909.920 995	1850-191 0	PASS
GSM190 0	810	NV	10	1050.00	0.549796	---	1909.924 28	1850-191 0	PASS
GSM190 0	810	NV	20	1280.00	0.670227	---	1909.924 61	1850-191 0	PASS
GSM190 0	810	NV	30	910.00	0.476490	---	1909.923 62	1850-191 0	PASS
GSM190 0	810	NV	40	100.00	0.052362	---	1909.922 41	1850-191 0	PASS
GSM190 0	810	NV	50	720.00	0.377003	---	1909.922 97	1850-191 0	PASS



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## WCDMA BAND 2

### PEAK-TO-AVERAGE RATIO

#### Test Result

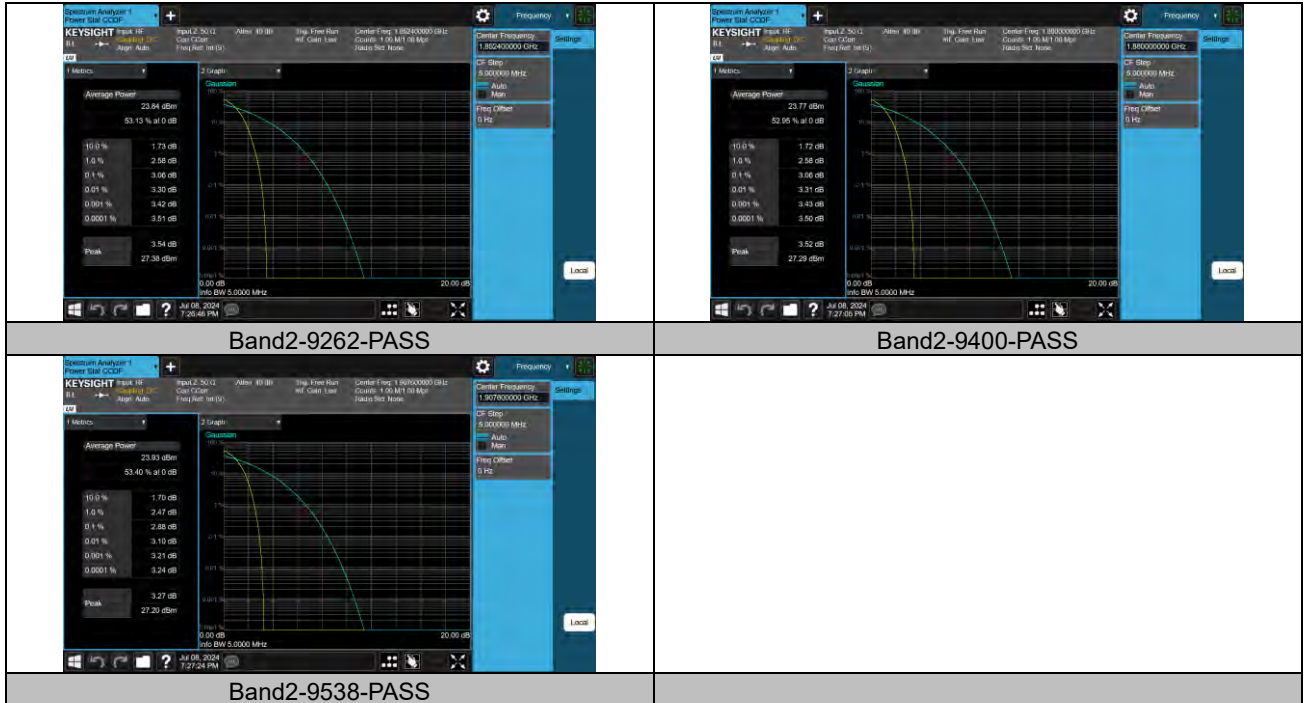
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	3.06	13	PASS
Band2	9400	3.06	13	PASS
Band2	9538	2.88	13	PASS



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Test Report No.: W7L-P24050016RF06

### Test Graphs





Test Report No.: W7L-P24050016RF06

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

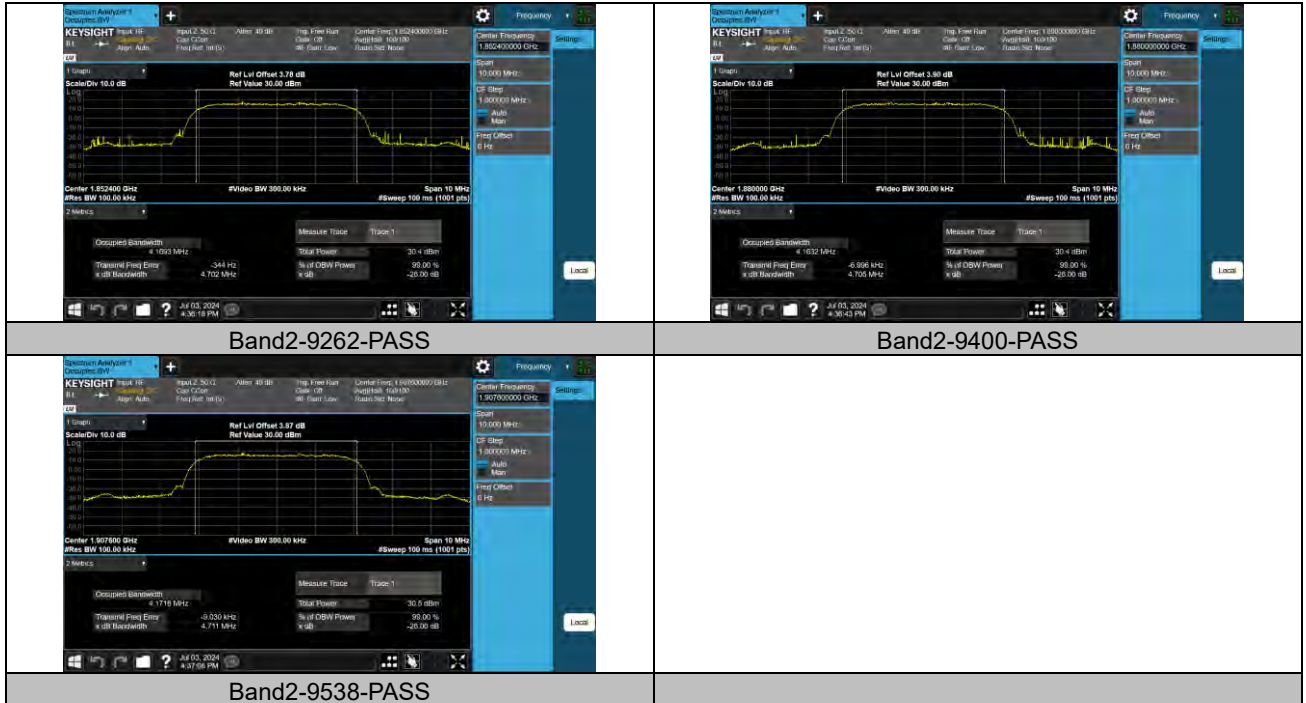
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.1693	4.702	---	PASS
Band2	9400	4.1632	4.705	---	PASS
Band2	9538	4.1716	4.711	---	PASS



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### Test Graphs



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## BAND EDGE

### Test Result

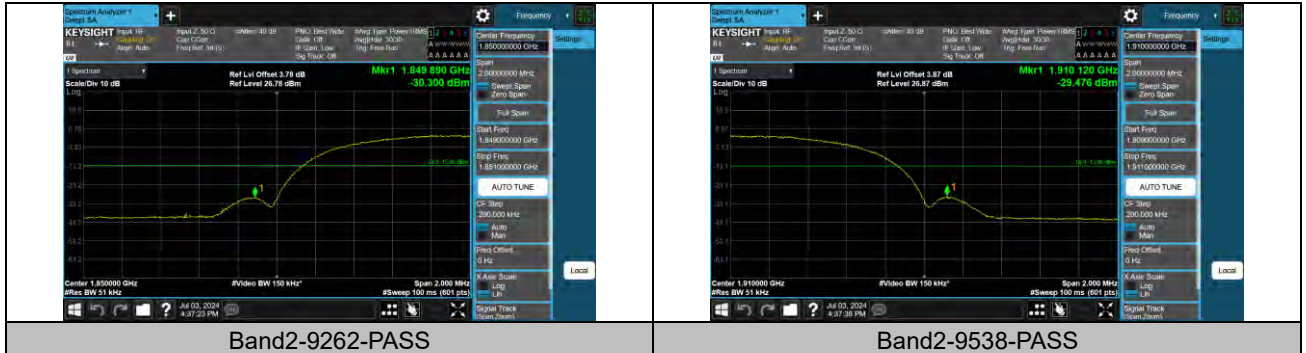
Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.89	-30.05	-13	PASS
Band2	9538	1910.12	-29.48	-13	PASS



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### Test Graphs



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## CONDUCTED SPURIOUS EMISSION

### Test Result

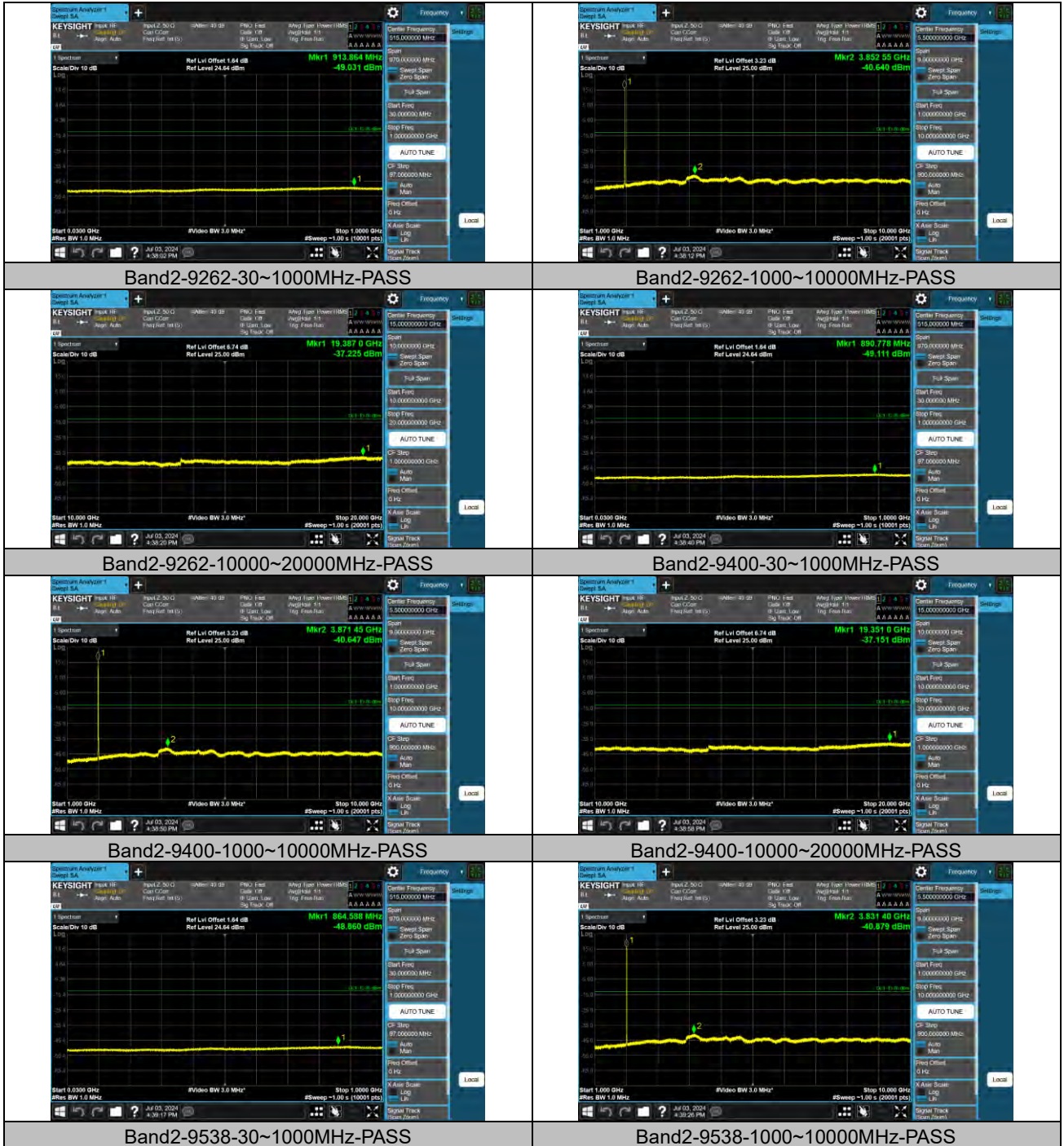
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	30~1000MHz	913.86	-49.03	-13	PASS
Band2	9262	1000~10000MHz	3852.55	-40.64	-13	PASS
Band2	9262	10000~20000MHz	19387	-37.23	-13	PASS
Band2	9400	30~1000MHz	890.78	-49.11	-13	PASS
Band2	9400	1000~10000MHz	3871.45	-40.65	-13	PASS
Band2	9400	10000~20000MHz	19351	-37.15	-13	PASS
Band2	9538	30~1000MHz	864.59	-48.86	-13	PASS
Band2	9538	1000~10000MHz	3831.4	-40.88	-13	PASS
Band2	9538	10000~20000MHz	19259.5	-37.4	-13	PASS



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Test Report No.: W7L-P24050016RF06

### Test Graphs



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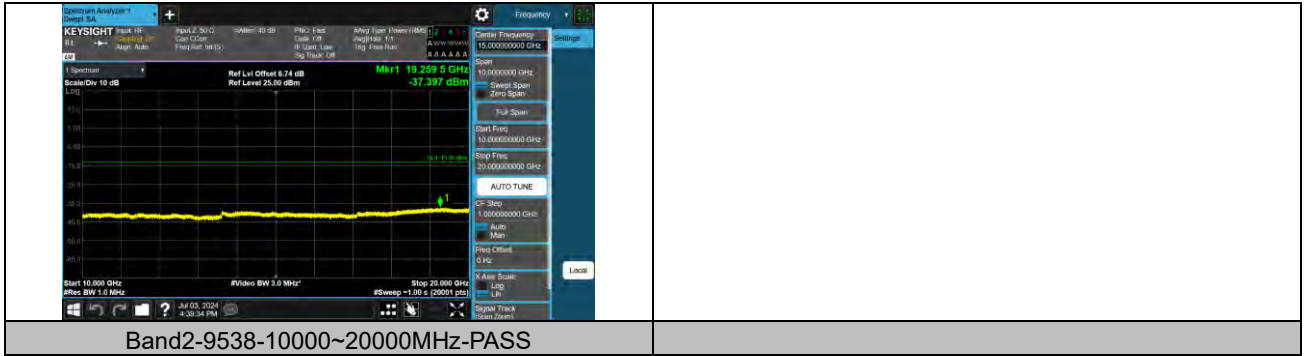
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Band2-9538-10000~20000MHz-PASS

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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
Band2	9262	VN	NT	-680.00	-0.367091	1850.31387	---	1850-1910	PASS
Band2	9262	VL	NT	2650.00	1.430577	1850.31645	---	1850-1910	PASS
Band2	9262	VH	NT	970.00	0.523645	1850.31637	---	1850-1910	PASS
Band2	9538	VN	NT	-10090.00	-5.289369	---	1909.67351	1850-1910	PASS
Band2	9538	VL	NT	-12180.00	-6.384986	---	1909.67032	1850-1910	PASS
Band2	9538	VH	NT	-7930.00	-4.157056	---	1909.67662	1850-1910	PASS

Temperature									
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band2	9262	NV	-30	-470.00	-0.253725	1850.31253	---	1850-1910	PASS
Band2	9262	NV	-20	-390.00	-0.210538	1850.31421	---	1850-1910	PASS
Band2	9262	NV	-10	3800.00	2.051393	1850.31915	---	1850-1910	PASS
Band2	9262	NV	0	3820.00	2.062190	1850.31837	---	1850-1910	PASS
Band2	9262	NV	10	4020.00	2.170158	1850.31777	---	1850-1910	PASS
Band2	9262	NV	20	-3650.00	-1.970417	1850.31345	---	1850-1910	PASS
Band2	9262	NV	30	-860.00	-0.464263	1850.31464	---	1850-1910	PASS
Band2	9262	NV	40	-440.00	-0.237530	1850.31601	---	1850-1910	PASS
Band2	9262	NV	50	5050.00	2.726193	1850.31425	---	1850-1910	PASS
Band2	9538	NV	-30	-7030.00	-3.685259	---	1909.67877	1850-1910	PASS
Band2	9538	NV	-20	-10430.00	-5.467603	---	1909.67212	1850-1910	PASS
Band2	9538	NV	-10	-11190.00	-5.866010	---	1909.67276	1850-1910	PASS
Band2	9538	NV	0	-9950.00	-5.2159	---	1909.6	1850-1910	PASS





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				0	78		746	910	
Band2	9538	NV	10	-8150.0 0	-4.2723 84	---	1909.6 7645	1850-1 910	PASS
Band2	9538	NV	20	-9060.0 0	-4.7494 23	---	1909.6 7469	1850-1 910	PASS
Band2	9538	NV	30	-6780.0 0	-3.5542 04	---	1909.6 8082	1850-1 910	PASS
Band2	9538	NV	40	-8140.0 0	-4.2671 42	---	1909.6 7511	1850-1 910	PASS
Band2	9538	NV	50	-6640.0 0	-3.4808 14	---	1909.6 7821	1850-1 910	PASS



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## LTE BAND B2

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

#### Test Result

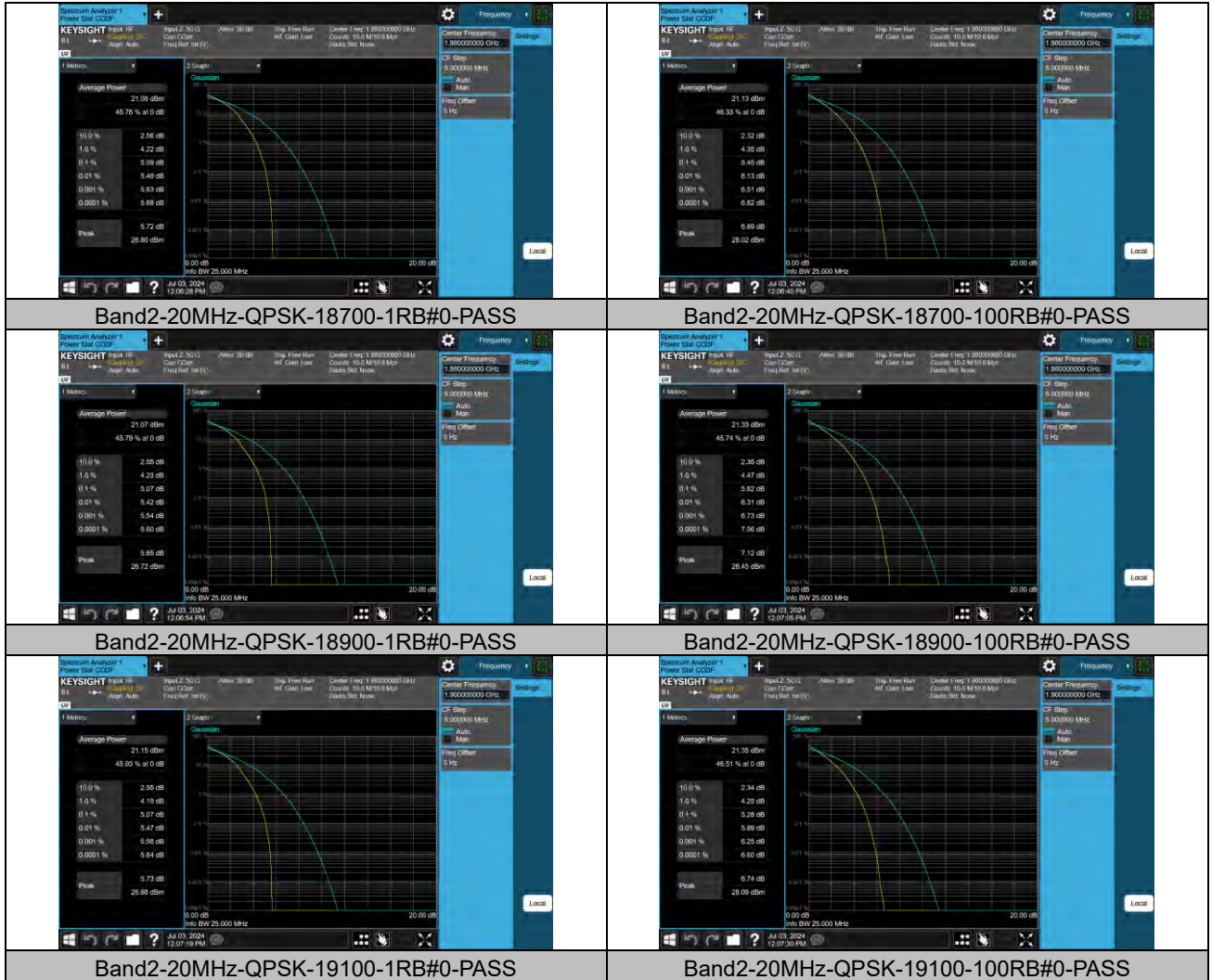
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	1RB#0	5.09	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.45	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	5.07	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.62	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	5.07	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.28	13	PASS



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Test Report No.: W7L-P24050016RF06

### Test Graphs





## BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

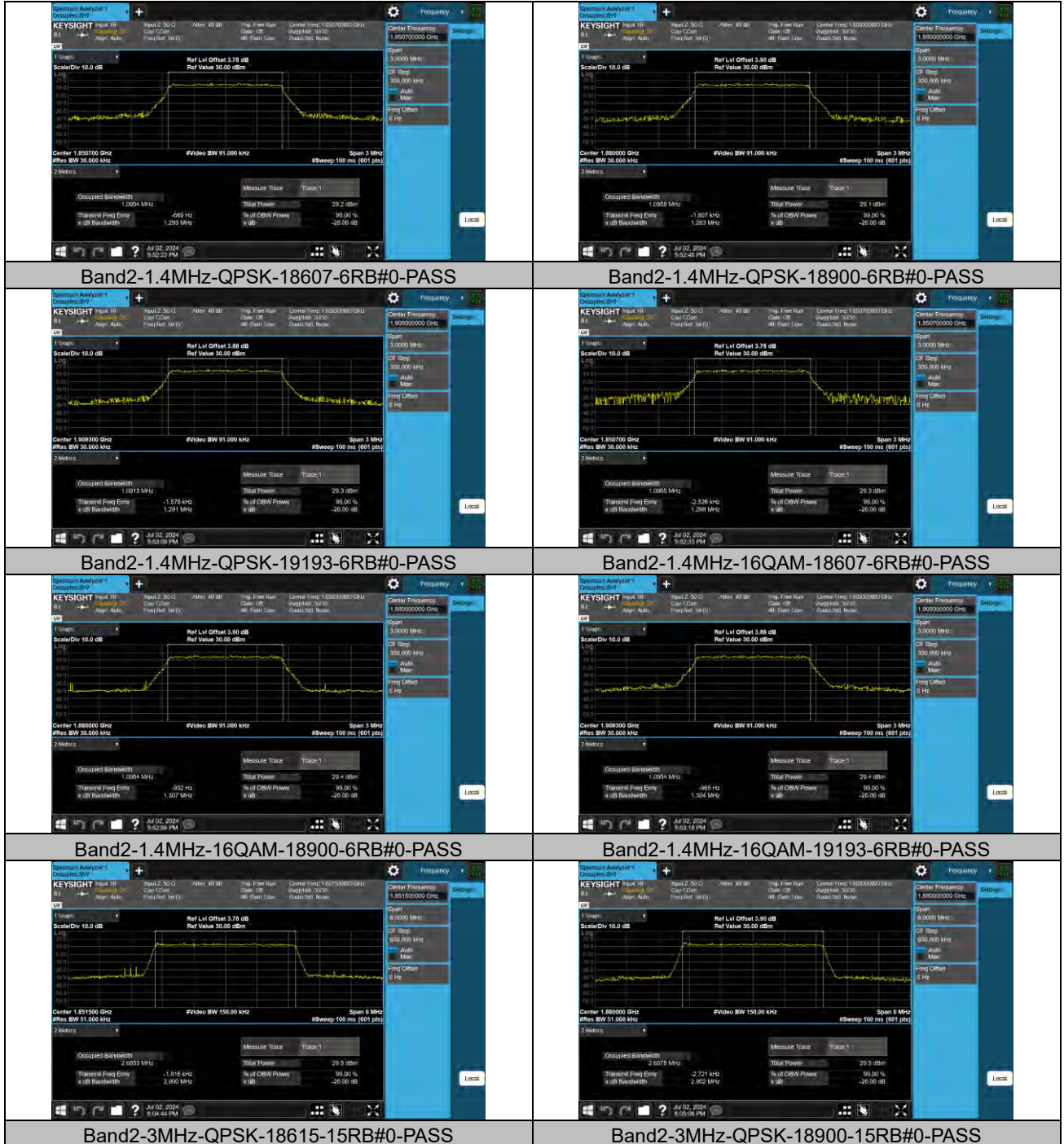
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0894	1.293	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0858	1.283	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0913	1.291	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0965	1.298	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0984	1.307	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0954	1.304	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6853	2.900	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6878	2.902	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6812	2.894	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6883	2.919	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6865	2.922	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6886	2.913	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5023	4.977	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5007	4.965	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5069	4.972	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5003	4.940	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4988	4.942	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4995	4.970	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0026	9.825	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0053	9.828	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0001	9.741	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9896	9.799	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9855	9.784	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9964	9.726	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.475	14.77	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.491	14.70	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.472	14.90	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.458	14.59	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.485	14.62	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.450	14.60	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.963	19.49	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.033	19.50	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.945	19.33	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.916	19.33	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.956	19.39	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.901	19.24	PASS



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Test Report No.: W7L-P24050016RF06

### Test Graphs



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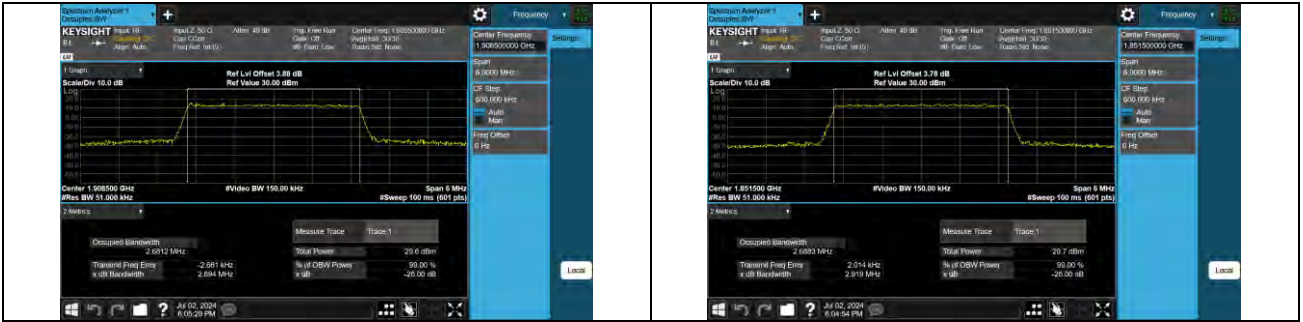
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)





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### Test Report No.: W7L-P24050016RF06



Band2-3MHz-QPSK-19185-15RB#0-PASS



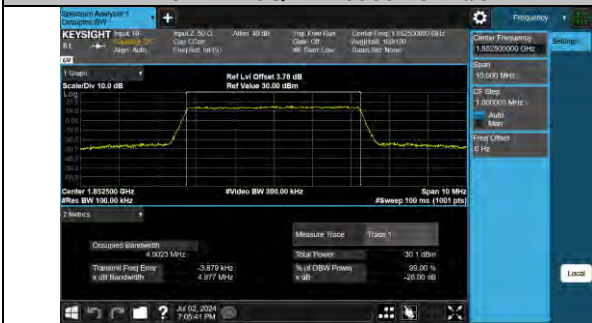
Band2-3MHz-16QAM-18615-15RB#0-PASS



Band2-3MHz-16QAM-18900-15RB#0-PASS



Band2-3MHz-16QAM-19185-15RB#0-PASS



Band2-3MHz-QPSK-18625-25RB#0-PASS



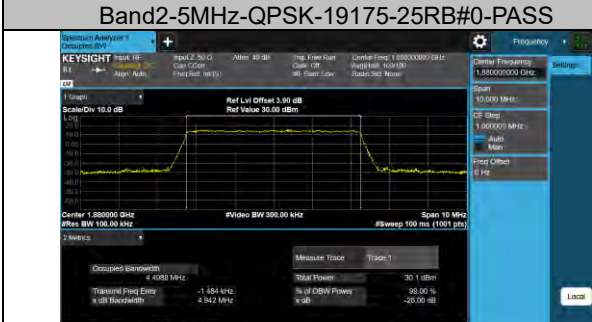
Band2-3MHz-QPSK-18900-25RB#0-PASS



Band2-5MHz-QPSK-18625-25RB#0-PASS



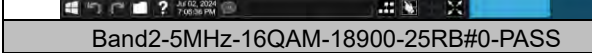
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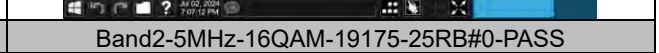
Band2-5MHz-QPSK-19175-25RB#0-PASS



Band2-5MHz-16QAM-18625-25RB#0-PASS



Band2-5MHz-16QAM-18900-25RB#0-PASS



Band2-5MHz-16QAM-19175-25RB#0-PASS

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Zhaoshang Street, Nanshan District Shenzhen,  
Guangdong, People's Republic of China

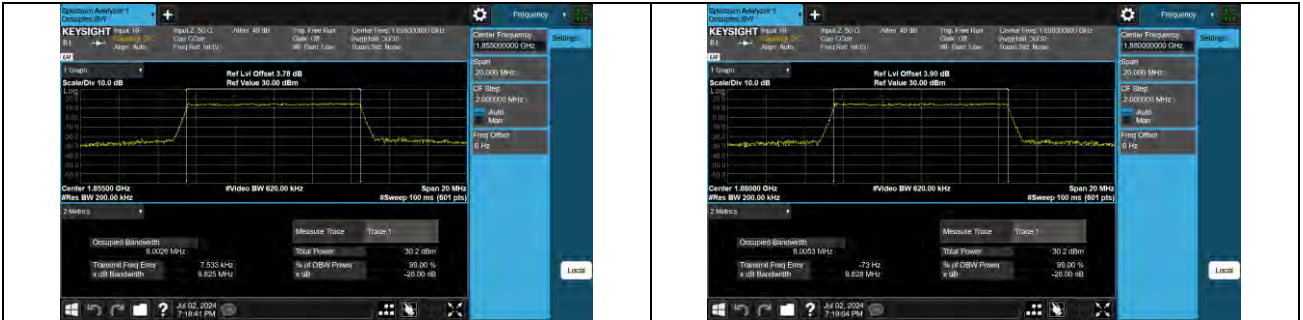
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Test Report No.: W7L-P24050016RF06



Band2-10MHz-QPSK-18650-50RB#0-PASS

Band2-10MHz-QPSK-18900-50RB#0-PASS



Band2-10MHz-QPSK-19150-50RB#0-PASS



Band2-10MHz-16QAM-18650-50RB#0-PASS



Band2-10MHz-16QAM-18900-50RB#0-PASS



Band2-10MHz-16QAM-19150-50RB#0-PASS



Band2-15MHz-QPSK-18675-75RB#0-PASS



Band2-15MHz-QPSK-18900-75RB#0-PASS



Band2-15MHz-QPSK-19125-75RB#0-PASS



Band2-15MHz-16QAM-18675-75RB#0-PASS

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Test Report No.: W7L-P24050016RF06



Band2-15MHz-16QAM-18900-75RB#0-PASS



Band2-15MHz-16QAM-19125-75RB#0-PASS



Band2-20MHz-QPSK-18700-100RB#0-PASS



Band2-20MHz-QPSK-18900-100RB#0-PASS



Band2-20MHz-QPSK-19100-100RB#0-PASS



Band2-20MHz-16QAM-18700-100RB#0-PASS



Band2-20MHz-16QAM-18900-100RB#0-PASS



Band2-20MHz-16QAM-19100-100RB#0-PASS





### BAND EDGE

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-27.55	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-32.28	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-32.04	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-32.27	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-28.64	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-30.50	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-31.47	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-30.85	PASS
Band2	3MHz	QPSK	18615	1RB#0	-28.07	PASS
Band2	3MHz	QPSK	18615	15RB#0	-32.73	PASS
Band2	3MHz	QPSK	19185	1RB#14	-28.03	PASS
Band2	3MHz	QPSK	19185	15RB#0	-30.20	PASS
Band2	3MHz	16QAM	18615	1RB#0	-28.21	PASS
Band2	3MHz	16QAM	18615	15RB#0	-30.04	PASS
Band2	3MHz	16QAM	19185	1RB#14	-28.13	PASS
Band2	3MHz	16QAM	19185	15RB#0	-29.87	PASS
Band2	5MHz	QPSK	18625	1RB#0	-28.02	PASS
Band2	5MHz	QPSK	18625	25RB#0	-33.49	PASS
Band2	5MHz	QPSK	19175	1RB#24	-28.83	PASS
Band2	5MHz	QPSK	19175	25RB#0	-30.72	PASS
Band2	5MHz	16QAM	18625	1RB#0	-29.21	PASS
Band2	5MHz	16QAM	18625	25RB#0	-30.90	PASS
Band2	5MHz	16QAM	19175	1RB#24	-28.51	PASS
Band2	5MHz	16QAM	19175	25RB#0	-30.97	PASS
Band2	10MHz	QPSK	18650	1RB#0	-36.93	PASS
Band2	10MHz	QPSK	18650	50RB#0	-34.98	PASS
Band2	10MHz	QPSK	19150	1RB#49	-35.97	PASS
Band2	10MHz	QPSK	19150	50RB#0	-33.45	PASS
Band2	10MHz	16QAM	18650	1RB#0	-36.91	PASS
Band2	10MHz	16QAM	18650	50RB#0	-33.62	PASS
Band2	10MHz	16QAM	19150	1RB#49	-36.48	PASS
Band2	10MHz	16QAM	19150	50RB#0	-34.45	PASS
Band2	15MHz	QPSK	18675	1RB#0	-41.40	PASS
Band2	15MHz	QPSK	18675	75RB#0	-35.41	PASS
Band2	15MHz	QPSK	19125	1RB#74	-41.87	PASS
Band2	15MHz	QPSK	19125	75RB#0	-33.19	PASS
Band2	15MHz	16QAM	18675	1RB#0	-41.72	PASS
Band2	15MHz	16QAM	18675	75RB#0	-34.93	PASS
Band2	15MHz	16QAM	19125	1RB#74	-41.27	PASS
Band2	15MHz	16QAM	19125	75RB#0	-35.98	PASS
Band2	20MHz	QPSK	18700	1RB#0	-43.85	PASS
Band2	20MHz	QPSK	18700	100RB#0	-37.81	PASS
Band2	20MHz	QPSK	19100	1RB#99	-44.08	PASS

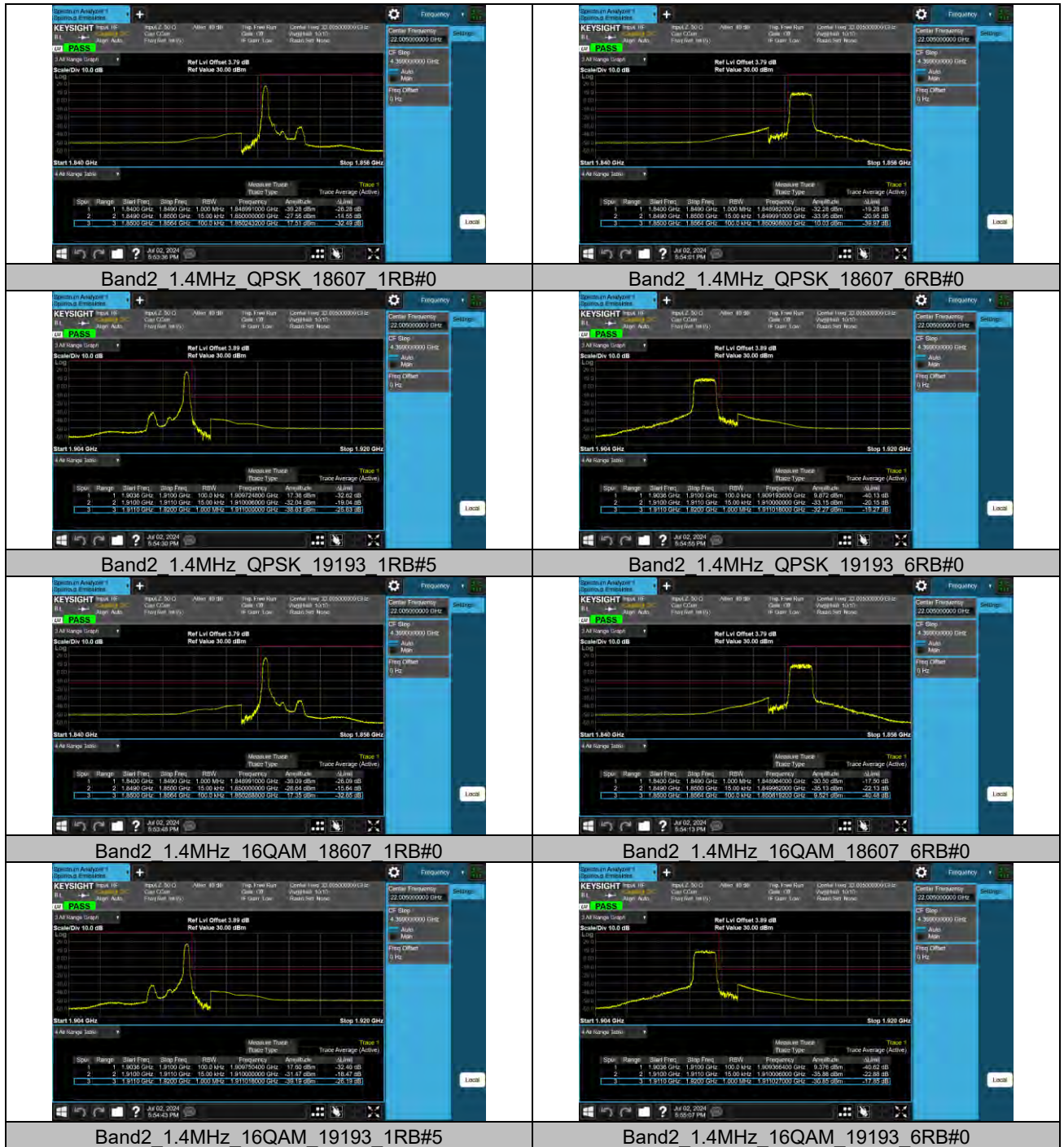


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**Test Report No.: W7L-P24050016RF06**

Band2	20MHz	QPSK	19100	100RB#0	-36.90	PASS
Band2	20MHz	16QAM	18700	1RB#0	-42.65	PASS
Band2	20MHz	16QAM	18700	100RB#0	-36.95	PASS
Band2	20MHz	16QAM	19100	1RB#99	-43.63	PASS
Band2	20MHz	16QAM	19100	100RB#0	-37.96	PASS

**Test Graphs**





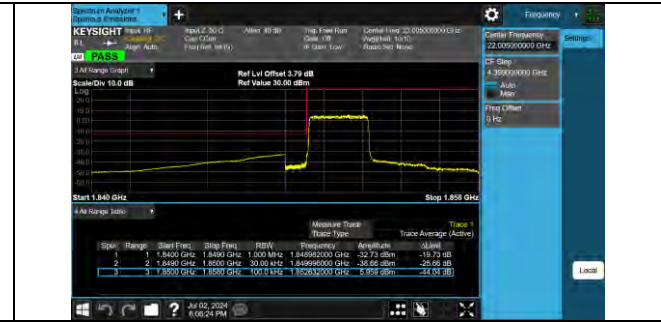


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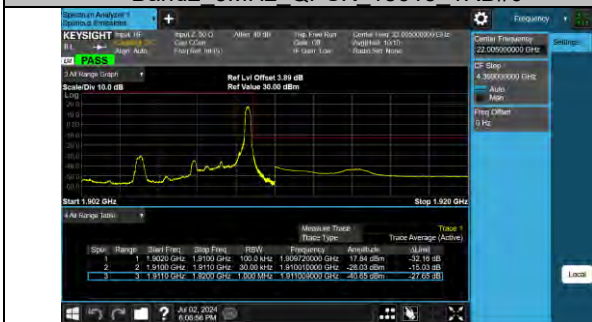
Test Report No.: W7L-P24050016RF06



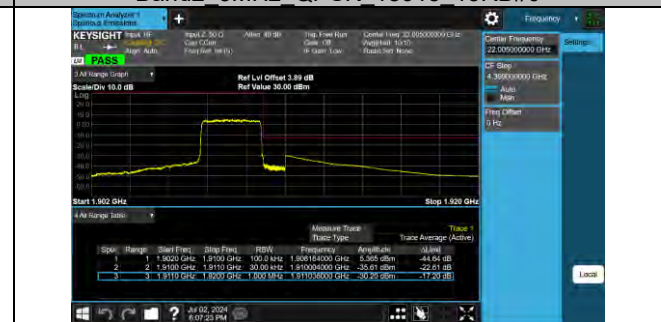
Band2 3MHz QPSK 18615 1RB#0



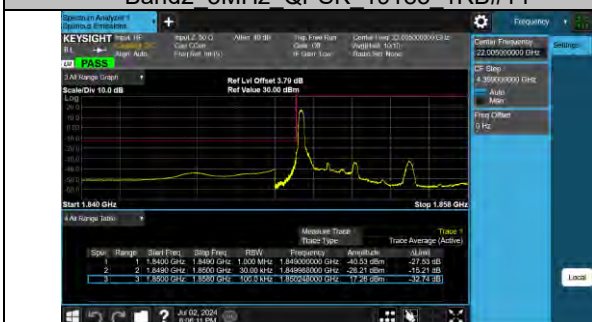
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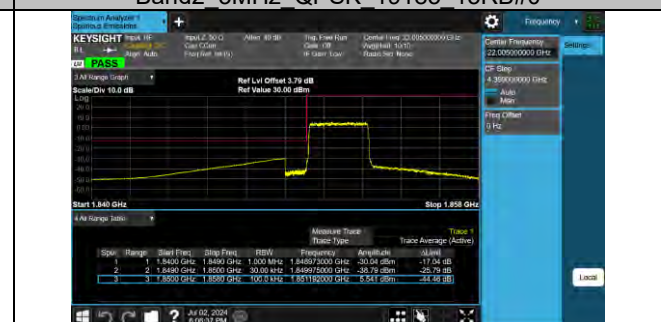
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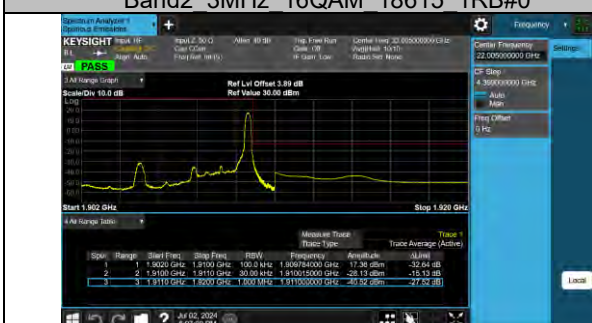
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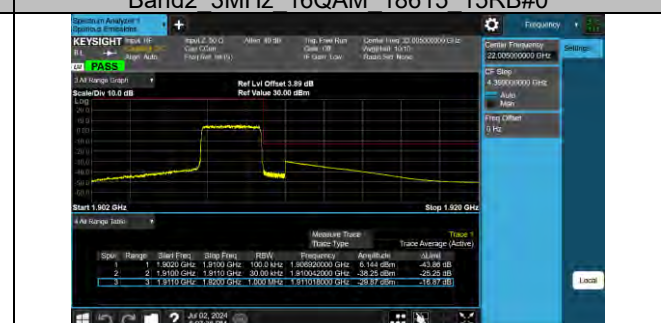
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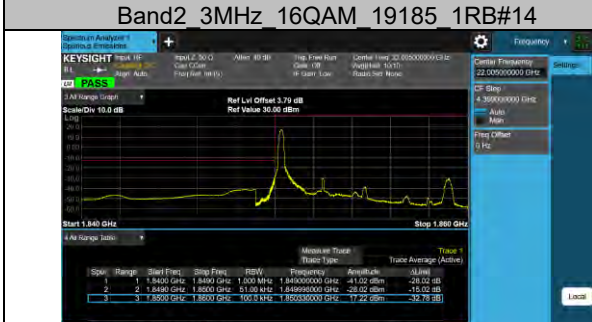
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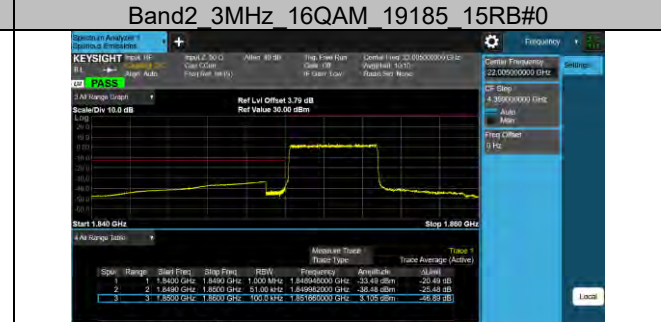
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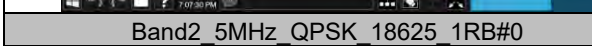
Band2 3MHz 16QAM 18615 15RB#0



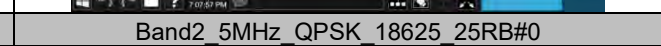
Band2 3MHz 16QAM 19185 1RB#14



Band2 3MHz 16QAM 19185 15RB#0



Band2 5MHz QPSK 18625 1RB#0



Band2 5MHz QPSK 18625 25RB#0

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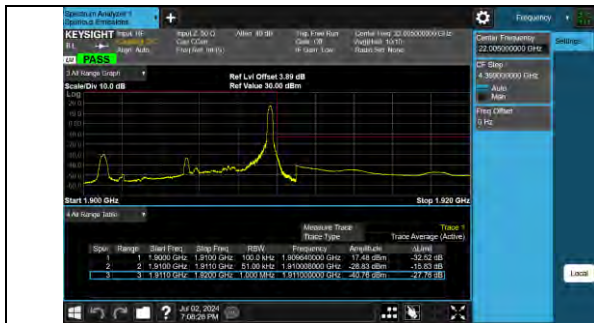
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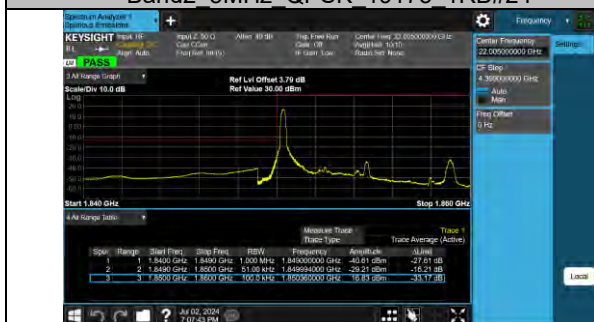
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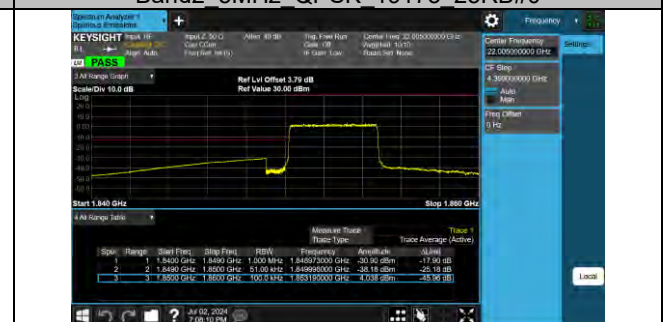
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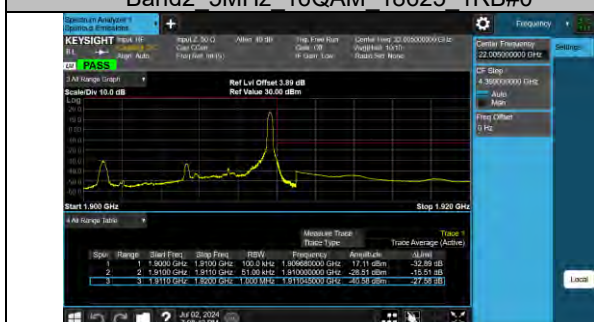
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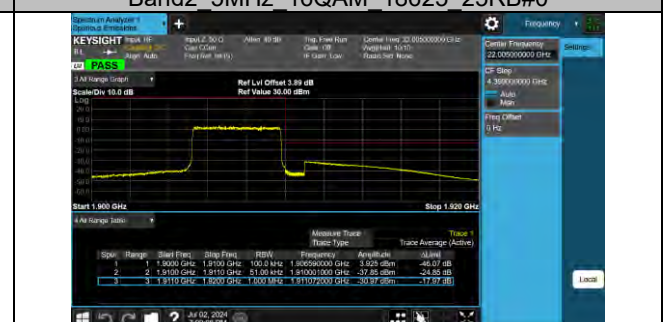
Band2 5MHz 16QAM 18625 1RB#0



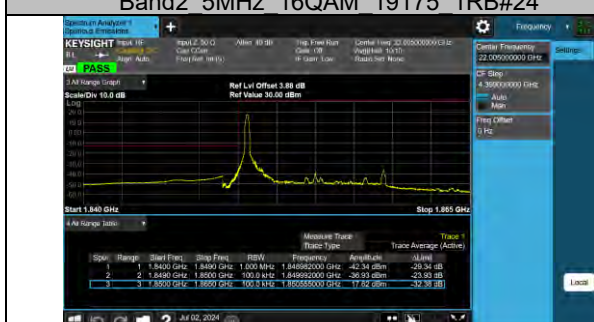
Band2 5MHz 16QAM 18625 25RB#0



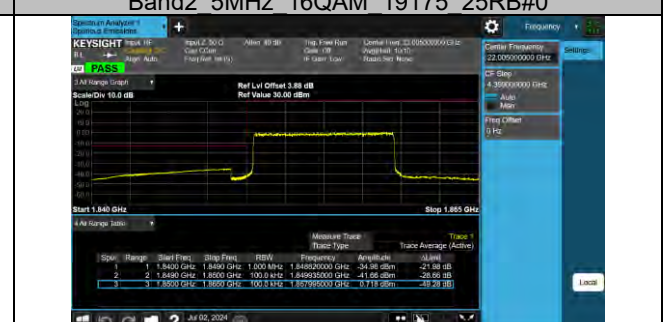
Band2 5MHz 16QAM 19175 1RB#24



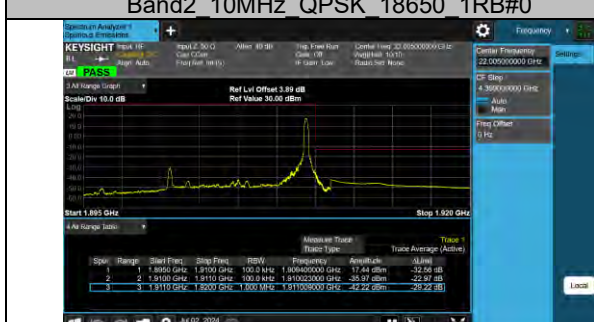
Band2 5MHz 16QAM 19175 25RB#0



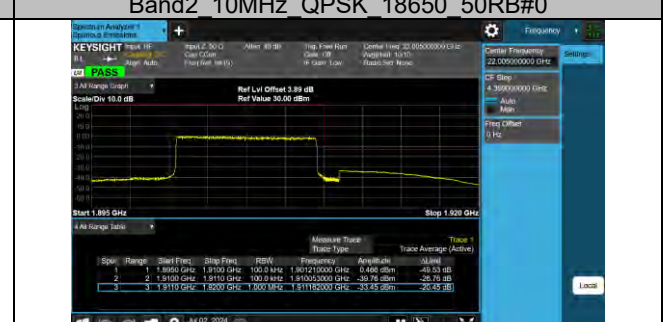
Band2 10MHz QPSK 18650 1RB#0



Band2 10MHz QPSK 18650 50RB#0



Band2 10MHz QPSK 19150 1RB#49



Band2 10MHz QPSK 19150 50RB#0

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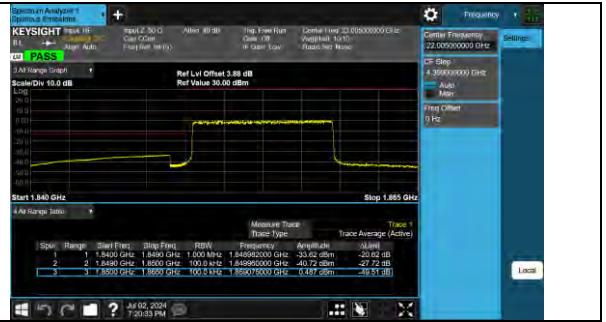


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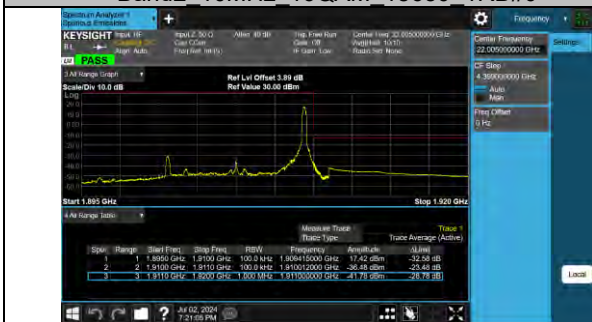
Test Report No.: W7L-P24050016RF06



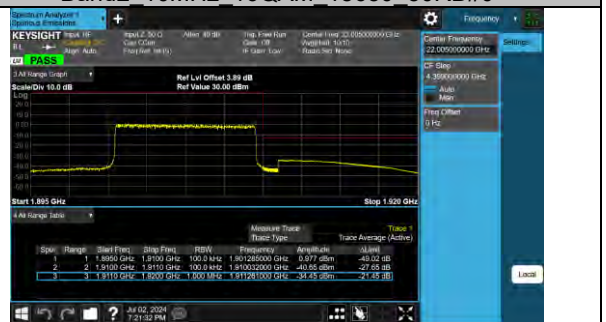
Band2 10MHz 16QAM 18650 1RB#0



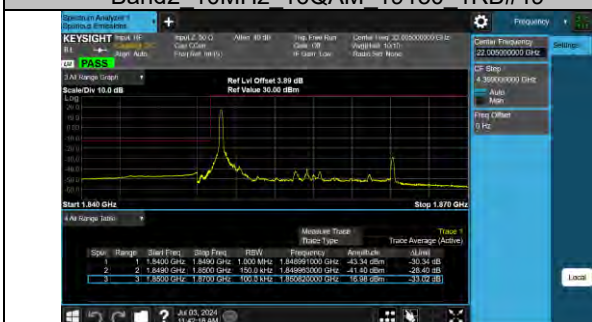
Band2 10MHz 16QAM 18650 50RB#0



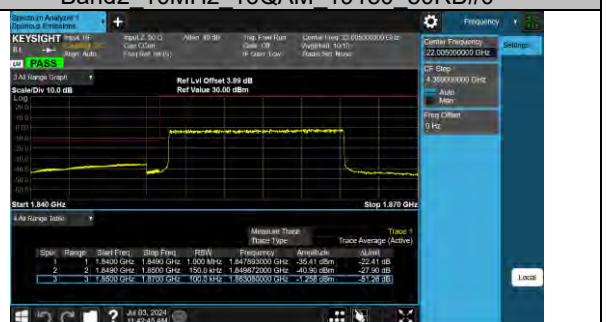
Band2 10MHz 16QAM 19150 1RB#49



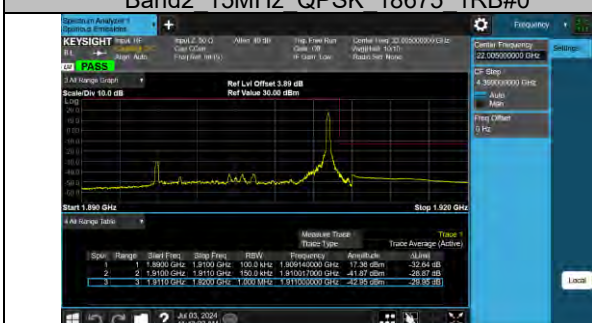
Band2 10MHz 16QAM 19150 50RB#0



Band2 15MHz QPSK 18675 1RB#0



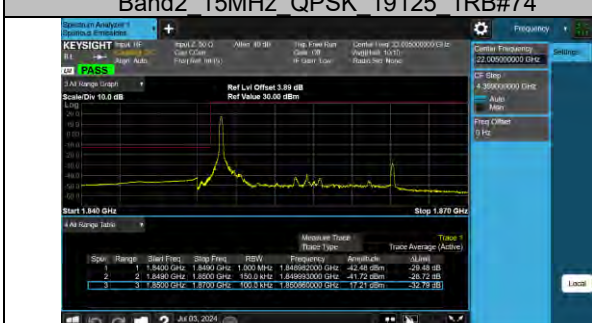
Band2 15MHz QPSK 18675 75RB#0



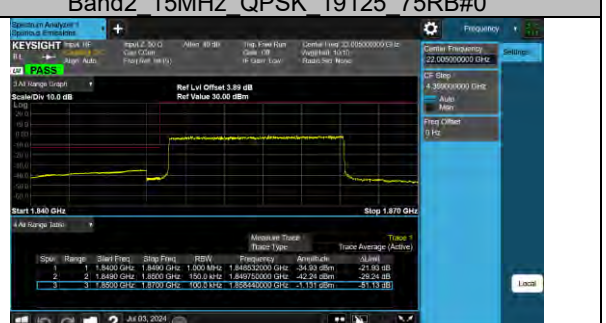
Band2 15MHz QPSK 19125 1RB#74



Band2 15MHz QPSK 19125 75RB#0



Band2 15MHz 16QAM 18675 75RB#0



Band2 15MHz 16QAM 18675 75RB#0

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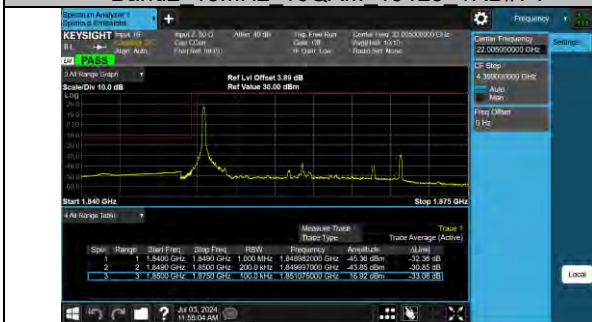
Test Report No.: W7L-P24050016RF06



Band2 15MHz 16QAM 19125 1RB#74



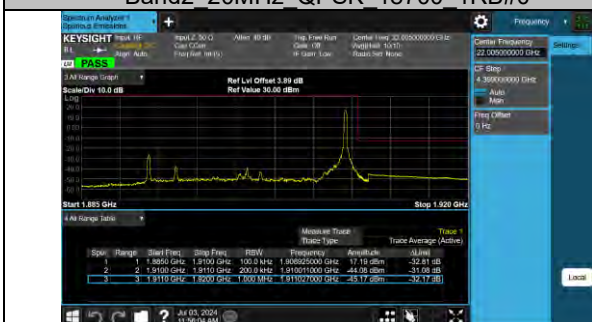
Band2 15MHz 16QAM 19125 75RB#0



Band2 20MHz QPSK 18700 1RB#0



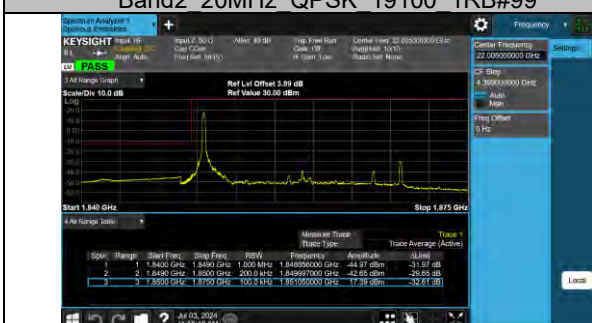
Band2 20MHz QPSK 18700 100RB#0



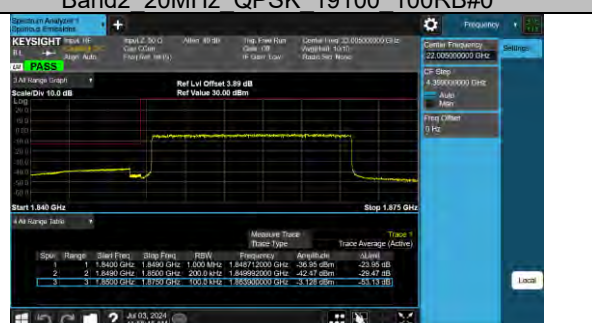
Band2 20MHz QPSK 19100 1RB#99



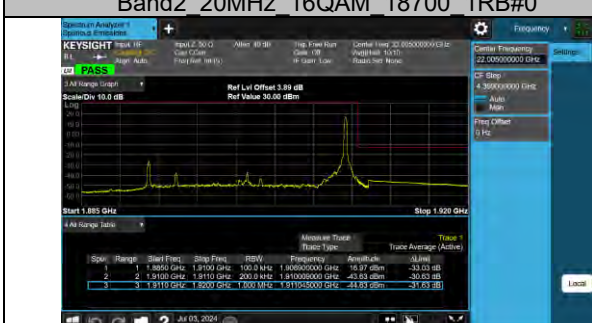
Band2 20MHz QPSK 19100 100RB#0



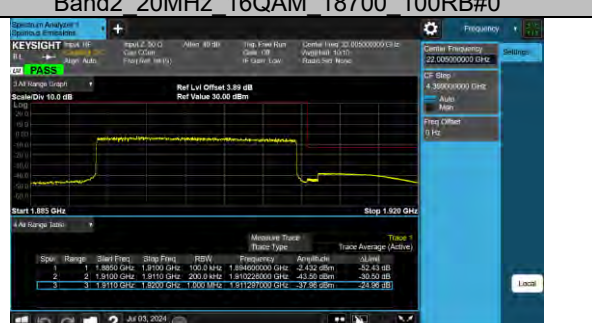
Band2 20MHz 16QAM 18700 1RB#0



Band2 20MHz 16QAM 18700 100RB#0



Band2 20MHz 16QAM 19100 1RB#99



Band2 20MHz 16QAM 19100 100RB#0

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### CONDUCTED SPURIOUS EMISSION

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-58.14	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~10000	-38.03	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	10000~20000	-35.63	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	30~1000	-58.03	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	1000~10000	-38.17	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	10000~20000	-35.64	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	30~1000	-58.04	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	1000~10000	-35.19	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	10000~20000	-35.64	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-58.03	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~10000	-38.22	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	10000~20000	-35.57	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	30~1000	-58.01	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	1000~10000	-38.20	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	10000~20000	-35.62	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	30~1000	-57.96	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1000~10000	-36.08	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	10000~20000	-35.59	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-58.11	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~10000	-38.22	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	10000~20000	-35.57	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	30~1000	-58.07	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	1000~10000	-38.06	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	10000~20000	-35.71	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	30~1000	-58.05	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1000~10000	-35.17	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	10000~20000	-35.61	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-57.93	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~10000	-38.10	PASS
Band2	3MHz	QPSK	18615	1RB#0	10000~20000	-35.59	PASS
Band2	3MHz	QPSK	18615	1RB#14	30~1000	-58.03	PASS
Band2	3MHz	QPSK	18615	1RB#14	1000~10000	-38.14	PASS
Band2	3MHz	QPSK	18615	1RB#14	10000~20000	-35.63	PASS
Band2	3MHz	QPSK	18615	15RB#0	30~1000	-58.14	PASS
Band2	3MHz	QPSK	18615	15RB#0	1000~10000	-36.71	PASS
Band2	3MHz	QPSK	18615	15RB#0	10000~20000	-35.66	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-58.08	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~10000	-38.07	PASS
Band2	3MHz	QPSK	18900	1RB#0	10000~20000	-35.62	PASS
Band2	3MHz	QPSK	18900	1RB#14	30~1000	-57.95	PASS
Band2	3MHz	QPSK	18900	1RB#14	1000~10000	-38.09	PASS
Band2	3MHz	QPSK	18900	1RB#14	10000~20000	-35.59	PASS
Band2	3MHz	QPSK	18900	15RB#0	30~1000	-58.05	PASS



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Test Report No.: W7L-P24050016RF06

Band2	3MHz	QPSK	18900	15RB#0	1000~10000	-37.53	PASS
Band2	3MHz	QPSK	18900	15RB#0	10000~20000	-35.63	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-58.02	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~10000	-38.07	PASS
Band2	3MHz	QPSK	19185	1RB#0	10000~20000	-35.48	PASS
Band2	3MHz	QPSK	19185	1RB#14	30~1000	-58.02	PASS
Band2	3MHz	QPSK	19185	1RB#14	1000~10000	-38.04	PASS
Band2	3MHz	QPSK	19185	1RB#14	10000~20000	-35.71	PASS
Band2	3MHz	QPSK	19185	15RB#0	30~1000	-58.07	PASS
Band2	3MHz	QPSK	19185	15RB#0	1000~10000	-35.64	PASS
Band2	3MHz	QPSK	19185	15RB#0	10000~20000	-35.57	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-58.02	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~10000	-38.05	PASS
Band2	5MHz	QPSK	18625	1RB#0	10000~20000	-35.58	PASS
Band2	5MHz	QPSK	18625	1RB#24	30~1000	-58.08	PASS
Band2	5MHz	QPSK	18625	1RB#24	1000~10000	-38.13	PASS
Band2	5MHz	QPSK	18625	1RB#24	10000~20000	-35.57	PASS
Band2	5MHz	QPSK	18625	25RB#0	30~1000	-58.05	PASS
Band2	5MHz	QPSK	18625	25RB#0	1000~10000	-38.09	PASS
Band2	5MHz	QPSK	18625	25RB#0	10000~20000	-35.67	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-58.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~10000	-38.11	PASS
Band2	5MHz	QPSK	18900	1RB#0	10000~20000	-35.68	PASS
Band2	5MHz	QPSK	18900	1RB#24	30~1000	-58.02	PASS
Band2	5MHz	QPSK	18900	1RB#24	1000~10000	-38.11	PASS
Band2	5MHz	QPSK	18900	1RB#24	10000~20000	-35.64	PASS
Band2	5MHz	QPSK	18900	25RB#0	30~1000	-58.10	PASS
Band2	5MHz	QPSK	18900	25RB#0	1000~10000	-38.10	PASS
Band2	5MHz	QPSK	18900	25RB#0	10000~20000	-35.70	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-58.09	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~10000	-38.16	PASS
Band2	5MHz	QPSK	19175	1RB#0	10000~20000	-35.67	PASS
Band2	5MHz	QPSK	19175	1RB#24	30~1000	-58.09	PASS
Band2	5MHz	QPSK	19175	1RB#24	1000~10000	-38.10	PASS
Band2	5MHz	QPSK	19175	1RB#24	10000~20000	-35.62	PASS
Band2	5MHz	QPSK	19175	25RB#0	30~1000	-58.09	PASS
Band2	5MHz	QPSK	19175	25RB#0	1000~10000	-37.88	PASS
Band2	5MHz	QPSK	19175	25RB#0	10000~20000	-35.61	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-58.05	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~10000	-37.96	PASS
Band2	10MHz	QPSK	18650	1RB#0	10000~20000	-35.75	PASS
Band2	10MHz	QPSK	18650	1RB#49	30~1000	-58.07	PASS
Band2	10MHz	QPSK	18650	1RB#49	1000~10000	-38.06	PASS
Band2	10MHz	QPSK	18650	1RB#49	10000~20000	-35.63	PASS
Band2	10MHz	QPSK	18650	50RB#0	30~1000	-58.04	PASS
Band2	10MHz	QPSK	18650	50RB#0	1000~10000	-38.11	PASS
Band2	10MHz	QPSK	18650	50RB#0	10000~20000	-35.69	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-58.06	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~10000	-38.11	PASS
Band2	10MHz	QPSK	18900	1RB#0	10000~20000	-35.73	PASS
Band2	10MHz	QPSK	18900	1RB#49	30~1000	-58.02	PASS
Band2	10MHz	QPSK	18900	1RB#49	1000~10000	-38.05	PASS
Band2	10MHz	QPSK	18900	1RB#49	10000~20000	-35.60	PASS

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Test Report No.: W7L-P24050016RF06

Band2	10MHz	QPSK	18900	50RB#0	30~1000	-58.10	PASS
Band2	10MHz	QPSK	18900	50RB#0	1000~10000	-38.11	PASS
Band2	10MHz	QPSK	18900	50RB#0	10000~20000	-35.62	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-58.07	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~10000	-38.15	PASS
Band2	10MHz	QPSK	19150	1RB#0	10000~20000	-35.65	PASS
Band2	10MHz	QPSK	19150	1RB#49	30~1000	-57.96	PASS
Band2	10MHz	QPSK	19150	1RB#49	1000~10000	-38.09	PASS
Band2	10MHz	QPSK	19150	1RB#49	10000~20000	-35.59	PASS
Band2	10MHz	QPSK	19150	50RB#0	30~1000	-58.08	PASS
Band2	10MHz	QPSK	19150	50RB#0	1000~10000	-37.95	PASS
Band2	10MHz	QPSK	19150	50RB#0	10000~20000	-35.57	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-58.29	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~10000	-38.79	PASS
Band2	15MHz	QPSK	18675	1RB#0	10000~20000	-36.25	PASS
Band2	15MHz	QPSK	18675	1RB#74	30~1000	-58.13	PASS
Band2	15MHz	QPSK	18675	1RB#74	1000~10000	-38.68	PASS
Band2	15MHz	QPSK	18675	1RB#74	10000~20000	-36.15	PASS
Band2	15MHz	QPSK	18675	75RB#0	30~1000	-58.22	PASS
Band2	15MHz	QPSK	18675	75RB#0	1000~10000	-38.51	PASS
Band2	15MHz	QPSK	18675	75RB#0	10000~20000	-36.01	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-58.24	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~10000	-38.42	PASS
Band2	15MHz	QPSK	18900	1RB#0	10000~20000	-36.14	PASS
Band2	15MHz	QPSK	18900	1RB#74	30~1000	-58.26	PASS
Band2	15MHz	QPSK	18900	1RB#74	1000~10000	-38.65	PASS
Band2	15MHz	QPSK	18900	1RB#74	10000~20000	-36.03	PASS
Band2	15MHz	QPSK	18900	75RB#0	30~1000	-58.21	PASS
Band2	15MHz	QPSK	18900	75RB#0	1000~10000	-38.60	PASS
Band2	15MHz	QPSK	18900	75RB#0	10000~20000	-35.96	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-58.15	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~10000	-38.47	PASS
Band2	15MHz	QPSK	19125	1RB#0	10000~20000	-35.90	PASS
Band2	15MHz	QPSK	19125	1RB#74	30~1000	-58.14	PASS
Band2	15MHz	QPSK	19125	1RB#74	1000~10000	-38.36	PASS
Band2	15MHz	QPSK	19125	1RB#74	10000~20000	-35.86	PASS
Band2	15MHz	QPSK	19125	75RB#0	30~1000	-58.13	PASS
Band2	15MHz	QPSK	19125	75RB#0	1000~10000	-38.53	PASS
Band2	15MHz	QPSK	19125	75RB#0	10000~20000	-36.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-58.12	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~10000	-38.52	PASS
Band2	20MHz	QPSK	18700	1RB#0	10000~20000	-36.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	30~1000	-58.06	PASS
Band2	20MHz	QPSK	18700	1RB#99	1000~10000	-38.57	PASS
Band2	20MHz	QPSK	18700	1RB#99	10000~20000	-36.01	PASS
Band2	20MHz	QPSK	18700	100RB#0	30~1000	-58.14	PASS
Band2	20MHz	QPSK	18700	100RB#0	1000~10000	-38.41	PASS
Band2	20MHz	QPSK	18700	100RB#0	10000~20000	-35.83	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-58.09	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~10000	-38.29	PASS
Band2	20MHz	QPSK	18900	1RB#0	10000~20000	-35.70	PASS
Band2	20MHz	QPSK	18900	1RB#99	30~1000	-58.12	PASS
Band2	20MHz	QPSK	18900	1RB#99	1000~10000	-38.35	PASS

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**Test Report No.: W7L-P24050016RF06**

Band2	20MHz	QPSK	18900	1RB#99	10000~20000	-35.85	PASS
Band2	20MHz	QPSK	18900	100RB#0	30~1000	-58.08	PASS
Band2	20MHz	QPSK	18900	100RB#0	1000~10000	-38.43	PASS
Band2	20MHz	QPSK	18900	100RB#0	10000~20000	-35.87	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-58.01	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~10000	-38.37	PASS
Band2	20MHz	QPSK	19100	1RB#0	10000~20000	-35.83	PASS
Band2	20MHz	QPSK	19100	1RB#99	30~1000	-58.08	PASS
Band2	20MHz	QPSK	19100	1RB#99	1000~10000	-38.42	PASS
Band2	20MHz	QPSK	19100	1RB#99	10000~20000	-35.98	PASS
Band2	20MHz	QPSK	19100	100RB#0	30~1000	-58.05	PASS
Band2	20MHz	QPSK	19100	100RB#0	1000~10000	-38.32	PASS
Band2	20MHz	QPSK	19100	100RB#0	10000~20000	-35.80	PASS

**Test Graphs**

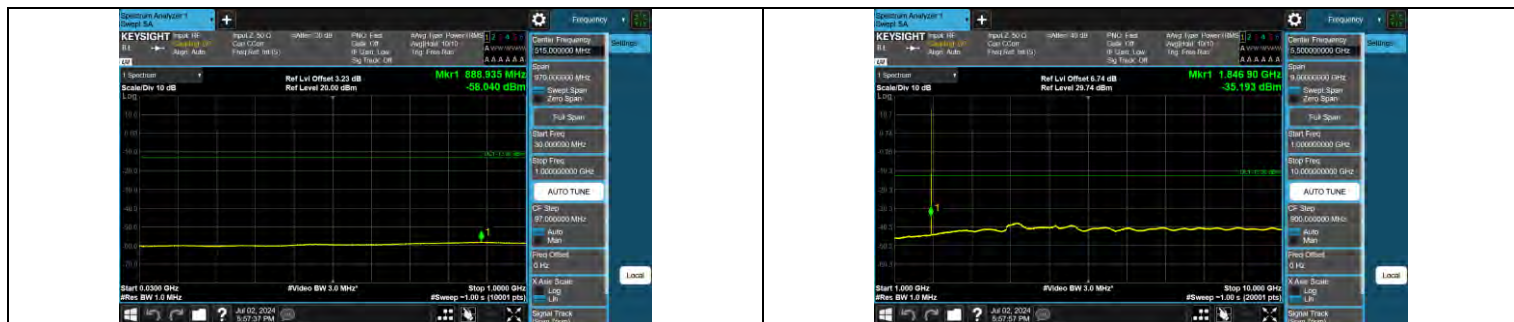






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Test Report No.: W7L-P24050016RF06



Band2 1.4MHz QPSK 18607 6RB#0 30~1000 30~1000

Band2 1.4MHz QPSK 18607 6RB#0 1000~10000 1000~10000



Band2 1.4MHz QPSK 18607 6RB#0 10000~20000 10000~20000

Band2 1.4MHz QPSK 18900 1RB#0 30~1000 30~1000



Band2 1.4MHz QPSK 18900 1RB#0 1000~10000 1000~10000

Band2 1.4MHz QPSK 18900 1RB#0 10000~20000 10000~20000



Band2 1.4MHz QPSK 18900 1RB#5 30~1000 30~1000

Band2 1.4MHz QPSK 18900 1RB#5 1000~10000 1000~10000



Band2 1.4MHz QPSK 18900 1RB#5 10000~20000 10000~20000

Band2 1.4MHz QPSK 18900 6RB#0 30~1000 30~1000

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Test Report No.: W7L-P24050016RF06



Band2 1.4MHz QPSK 18900 6RB#0 1000~10000 1000~10000

Band2 1.4MHz QPSK 18900 6RB#0 10000~20000 10000~20000



Band2 1.4MHz QPSK 19193 1RB#0 30~1000 30~1000

Band2 1.4MHz QPSK 19193 1RB#0 1000~10000 1000~10000



Band2 1.4MHz QPSK 19193 1RB#0 10000~20000 10000~20000

Band2 1.4MHz QPSK 19193 1RB#5 30~1000 30~1000



Band2 1.4MHz QPSK 19193 1RB#5 1000~10000 1000~10000

Band2 1.4MHz QPSK 19193 1RB#5 10000~20000 10000~20000



Band2 1.4MHz QPSK 19193 6RB#0 30~1000 30~1000

Band2 1.4MHz QPSK 19193 6RB#0 1000~10000 1000~10000

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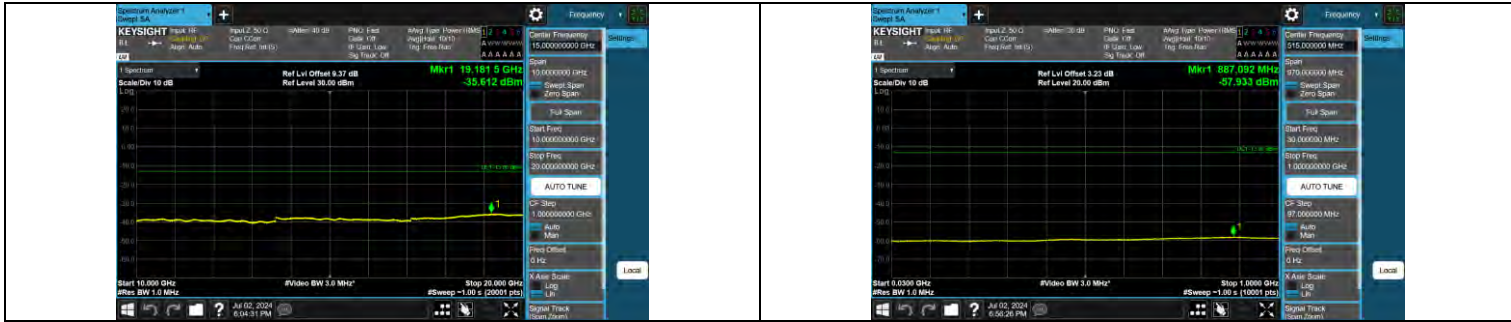
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)





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Test Report No.: W7L-P24050016RF06



Band2 1.4MHz QPSK 19193 6RB#0 10000~20000 10000~20000

Band2 3MHz QPSK 18615 1RB#0 30~1000 30~1000



Band2 3MHz QPSK 18615 1RB#0 1000~10000 1000~10000

Band2 3MHz QPSK 18615 1RB#0 10000~20000 10000~20000



Band2 3MHz QPSK 18615 1RB#14 30~1000 30~1000

Band2 3MHz QPSK 18615 1RB#14 1000~10000 1000~10000



Band2 3MHz QPSK 18615 1RB#14 10000~20000 10000~20000

Band2 3MHz QPSK 18615 15RB#0 30~1000 30~1000



Band2 3MHz QPSK 18615 15RB#0 1000~10000 1000~10000

Band2 3MHz QPSK 18615 15RB#0 10000~20000 10000~20000

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Band2 3MHz QPSK 18900 1RB#0 30~1000 30~1000



Band2 3MHz QPSK 18900 1RB#0 1000~10000 1000~10000



Band2 3MHz QPSK 18900 1RB#0 10000~20000 10000~20000



Band2 3MHz QPSK 18900 1RB#14 30~1000 30~1000



Band2 3MHz QPSK 18900 1RB#14 1000~10000 1000~10000



Band2 3MHz QPSK 18900 1RB#14 10000~20000 10000~20000



Band2 3MHz QPSK 18900 15RB#0 30~1000 30~1000



Band2 3MHz QPSK 18900 15RB#0 1000~10000 1000~10000



Band2 3MHz QPSK 18900 15RB#0 10000~20000 10000~20000



Band2 3MHz QPSK 19185 1RB#0 30~1000 30~1000

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