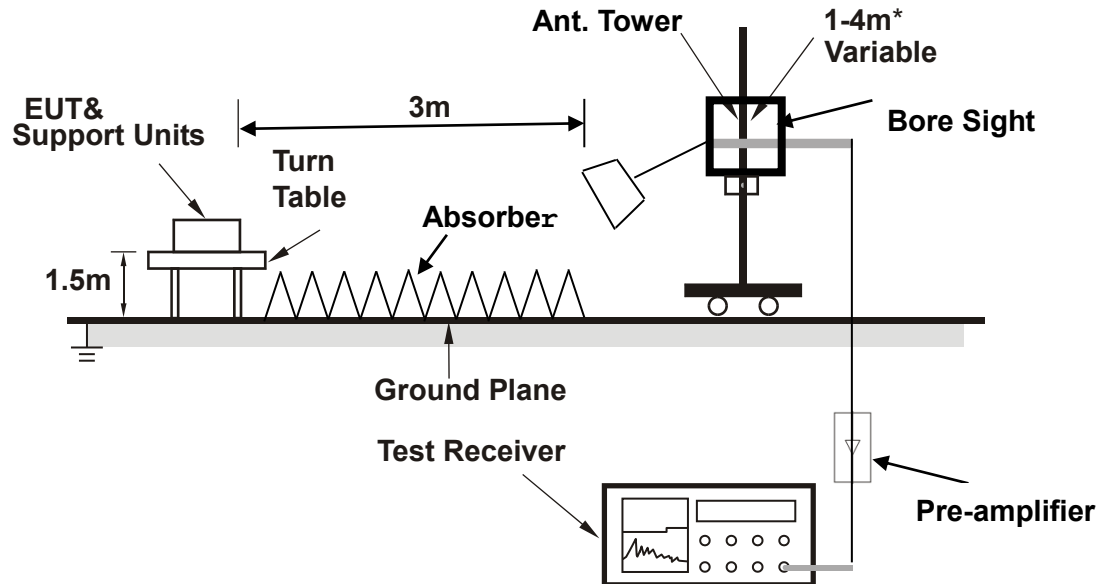




<Frequency Range above 1GHz>



**Note:** Above 1G is a directional antenna

Depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).



**3.6.5 TEST RESULTS**

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

**BELOW 1GHz WORST-CASE DATA**

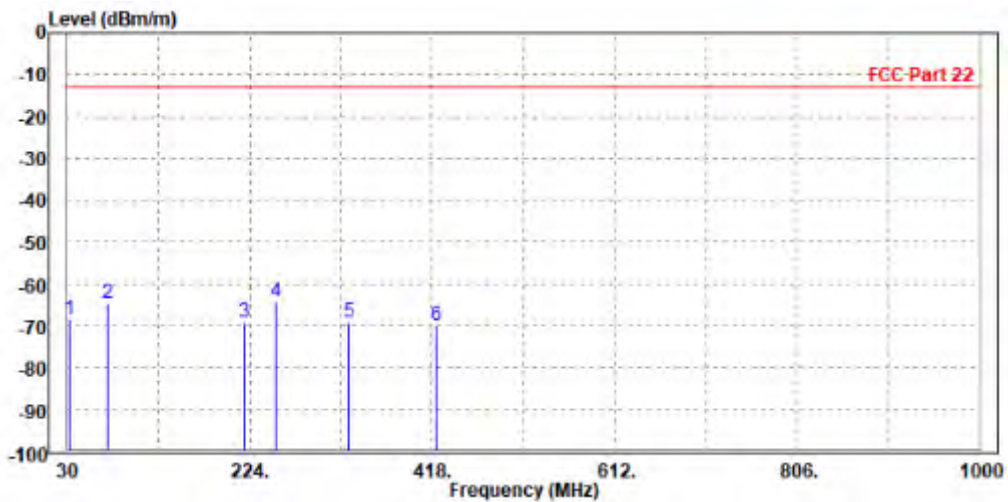
**30 MHz – 1GHz data:**

**EDGE 850:**

**CHANNEL BANDWIDTH: 128 ~ 251**

<b>MODE</b>	TX channel 189	<b>FREQUENCY RANGE</b>	Below 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>			

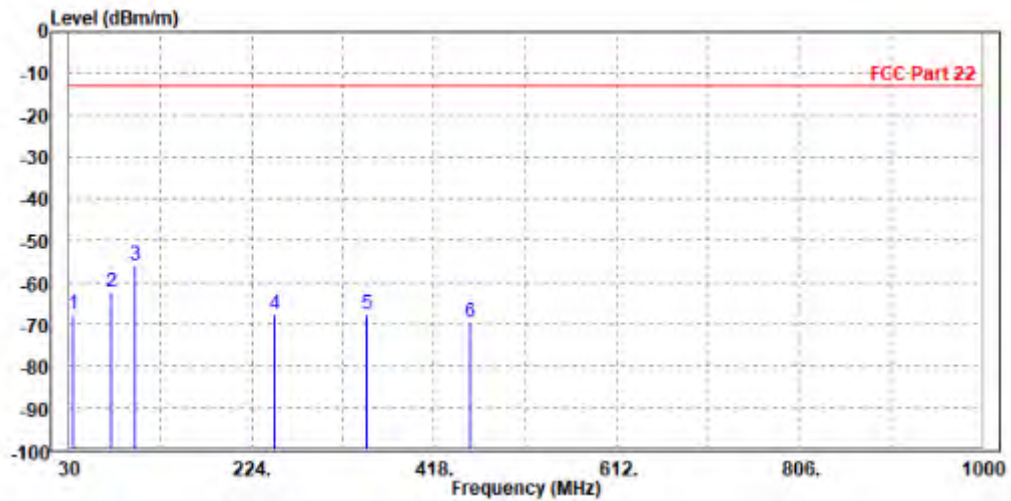
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	31.940	-68.45	-58.85	-13.00	-55.45	-9.60	Peak	Horizontal
2	72.680	-64.79	-43.54	-13.00	-51.79	-21.25	Peak	Horizontal
3	218.180	-69.25	-54.00	-13.00	-56.25	-15.25	Peak	Horizontal
4 PP	252.130	-64.42	-52.92	-13.00	-51.42	-11.50	Peak	Horizontal
5	328.760	-69.02	-57.26	-13.00	-56.02	-11.76	Peak	Horizontal
6	422.850	-69.97	-60.35	-13.00	-56.97	-9.62	Peak	Horizontal





<b>MODE</b>	TX channel 189	<b>FREQUENCY RANGE</b>	Below 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	34.850	-67.74	-47.17	-13.00	-54.74	-20.57	Peak	Vertical
2	74.620	-62.44	-41.39	-13.00	-49.44	-21.05	Peak	Vertical
3 PP	99.840	-55.72	-49.21	-13.00	-42.72	-6.51	Peak	Vertical
4	248.250	-67.83	-54.08	-13.00	-54.83	-13.75	Peak	Vertical
5	346.220	-67.77	-57.79	-13.00	-54.77	-9.98	Peak	Vertical
6	455.830	-69.68	-61.19	-13.00	-56.68	-8.49	Peak	Vertical





**ABOVE 1GHz DATA**

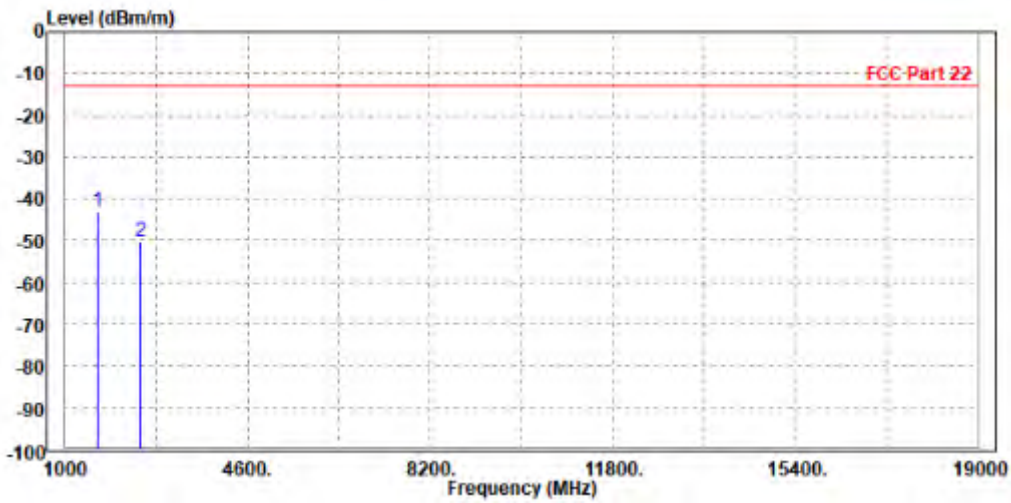
**Note:** For higher frequency, the emission is too low to be detected.

**GSM 850**

**CH 128:**

<b>MODE</b>	TX channel 128	<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	PP 1648.400	-43.02	-43.80	-13.00	-30.02	0.78	Peak	Horizontal
2	2476.000	-50.29	-55.64	-13.00	-37.29	5.35	Peak	Horizontal



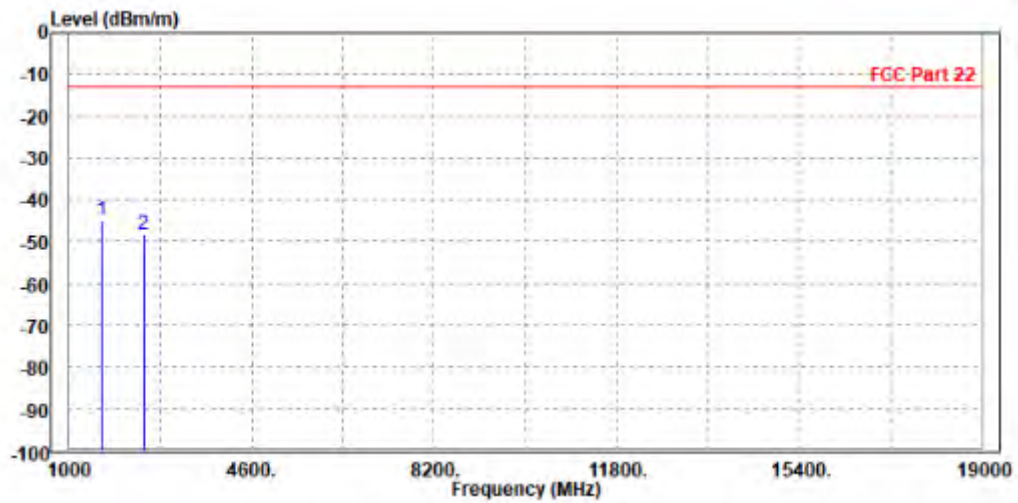


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VERITAS**

**Test Report No.: W7L-P22110036RF04**

<b>MODE</b>	TX channel 128	<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	PP 1648.000	-44.73	-45.77	-13.00	-31.73	1.04	Peak	Vertical
2	2472.600	-48.32	-53.18	-13.00	-35.32	4.86	Peak	Vertical

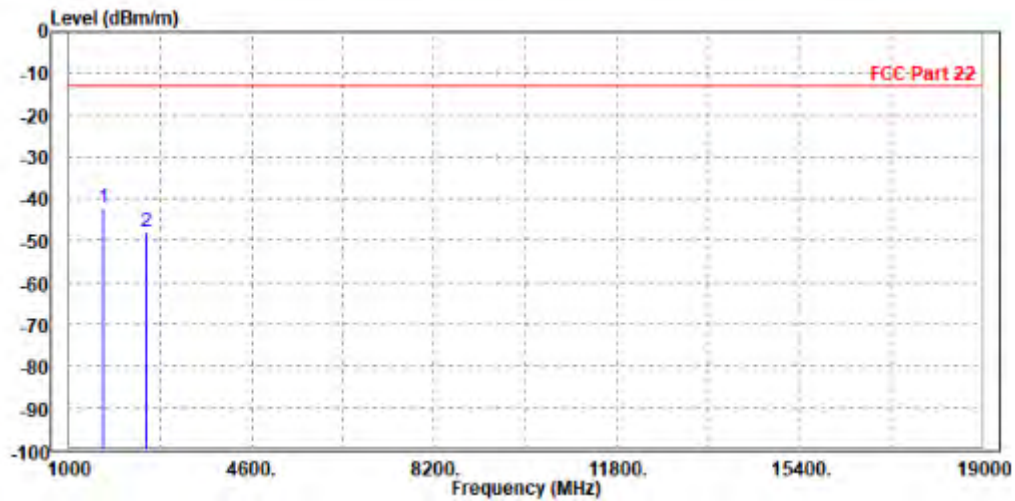




CH 189:

<b>MODE</b>	TX channel 189	<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	PP 1666.000	-42.10	-43.02	-13.00	-29.10	0.92	Peak	Horizontal
2	2509.200	-47.96	-53.42	-13.00	-34.96	5.46	Peak	Horizontal



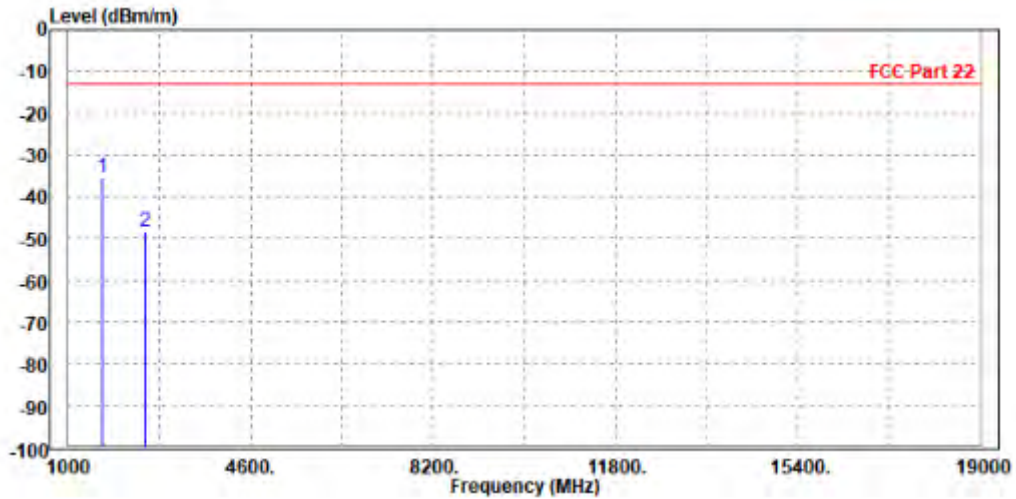


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VERITAS**

**Test Report No.: W7L-P22110036RF04**

<b>MODE</b>	TX channel 189	<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	PP 1672.800	-35.31	-36.53	-13.00	-22.31	1.22	Peak	Vertical
2	2512.000	-48.41	-53.39	-13.00	-35.41	4.98	Peak	Vertical





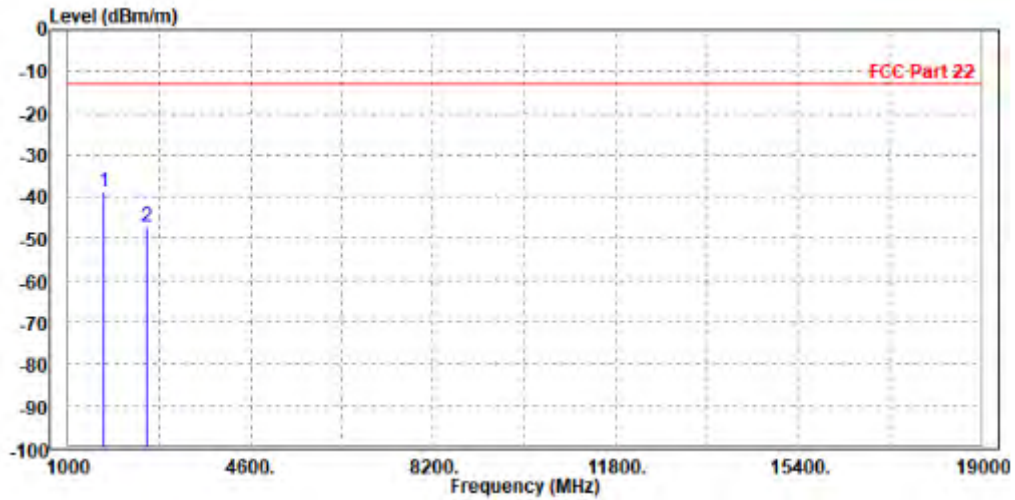
**BUREAU  
VERITAS**

Test Report No.: W7L-P22110036RF04

CH 251:

<b>MODE</b>	TX channel 251	<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	PP 1702.000	-38.63	-39.84	-13.00	-25.63	1.21	Peak	Horizontal
2	2546.400	-47.06	-52.61	-13.00	-34.06	5.55	Peak	Horizontal

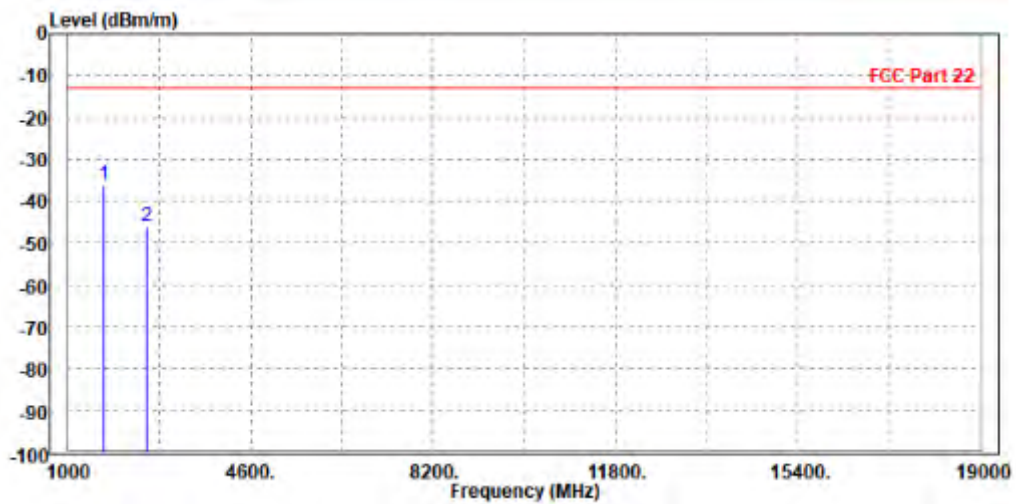






<b>MODE</b>	TX channel 251	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1697.600	-36.18	-37.58	-13.00	-23.18	1.40	Peak	Vertical
2	2548.000	-45.91	-51.00	-13.00	-32.91	5.09	Peak	Vertical





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VERITAS**

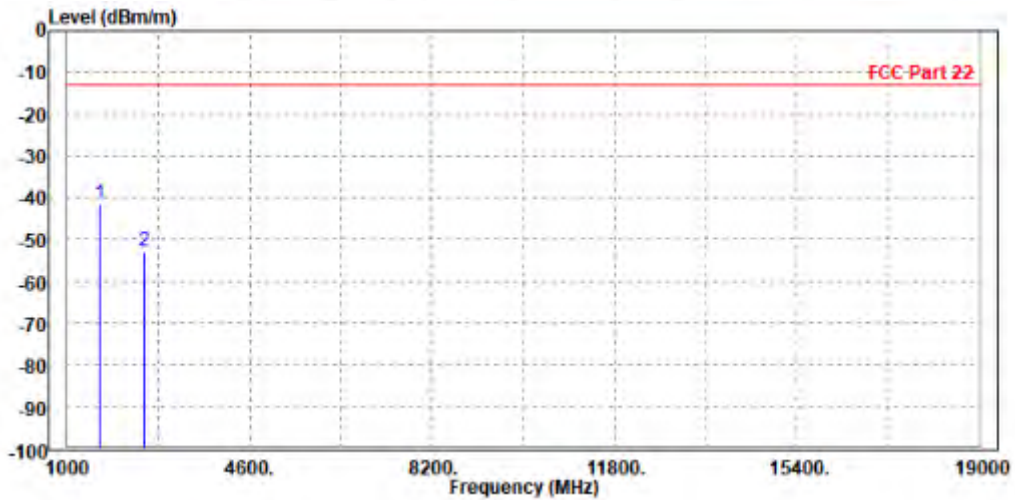
**Test Report No.: W7L-P22110036RF04**

**EDGE 850:**

**CH 128:**

<b>MODE</b>	TX channel 128	<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	PP 1648.000	-41.57	-42.34	-13.00	-28.57	0.77	Peak	Horizontal
2	2509.200	-52.98	-58.44	-13.00	-39.98	5.46	Peak	Horizontal



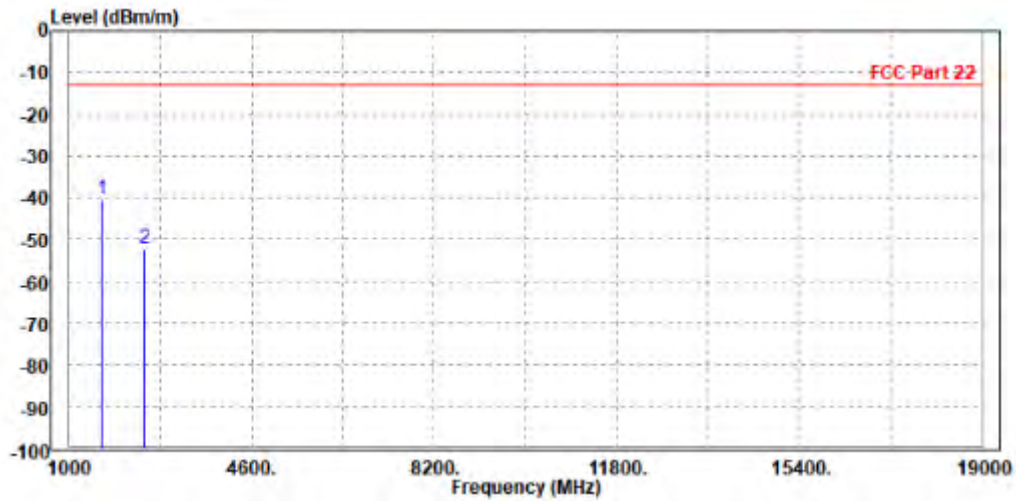


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF04**

<b>MODE</b>	TX channel 128	<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>			

		Read	Limit	Over				
	Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1648.400	-40.17	-41.21	-13.00	-27.17	1.04	Peak	Vertical
2	2476.000	-52.25	-57.12	-13.00	-39.25	4.87	Peak	Vertical





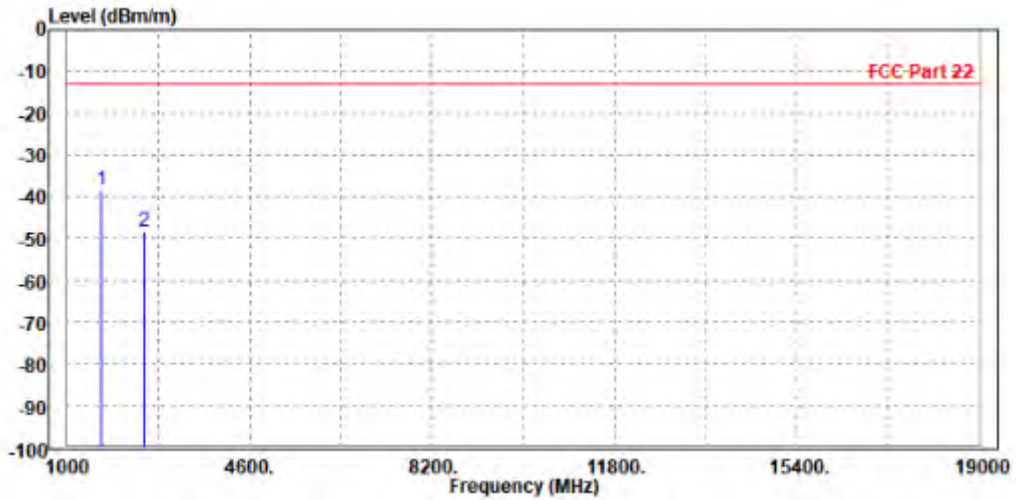
**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF04**

**CH 189:**

<b>MODE</b>	TX channel 189	<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	PP 1672.800	-38.59	-39.56	-13.00	-25.59	0.97	Peak	Horizontal
2	2512.000	-48.15	-53.62	-13.00	-35.15	5.47	Peak	Horizontal



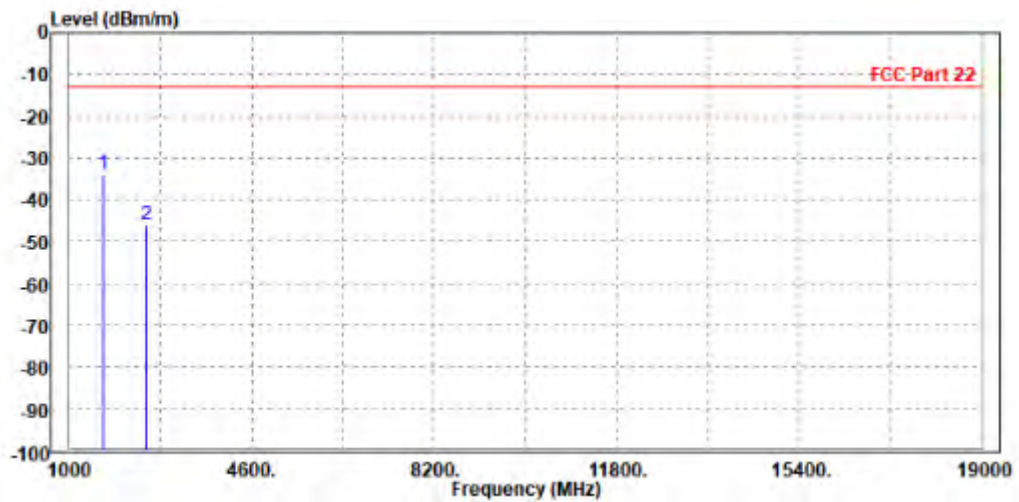


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF04**

<b>MODE</b>	TX channel 189	<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	PP 1666.000	-33.70	-34.87	-13.00	-20.70	1.17	Peak	Vertical
2	2509.200	-46.15	-51.12	-13.00	-33.15	4.97	Peak	Vertical





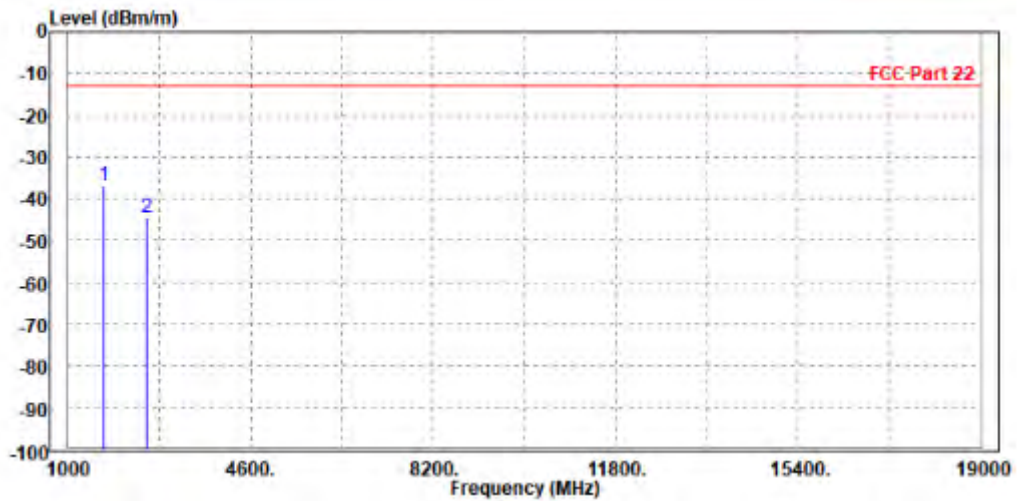
**BUREAU  
VERITAS**

Test Report No.: W7L-P22110036RF04

CH 251:

<b>MODE</b>	TX channel 251	<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 PP	1702.000	-37.01	-38.22	-13.00	-24.01	1.21	Peak	Horizontal
2	2548.000	-44.61	-50.16	-13.00	-31.61	5.55	Peak	Horizontal



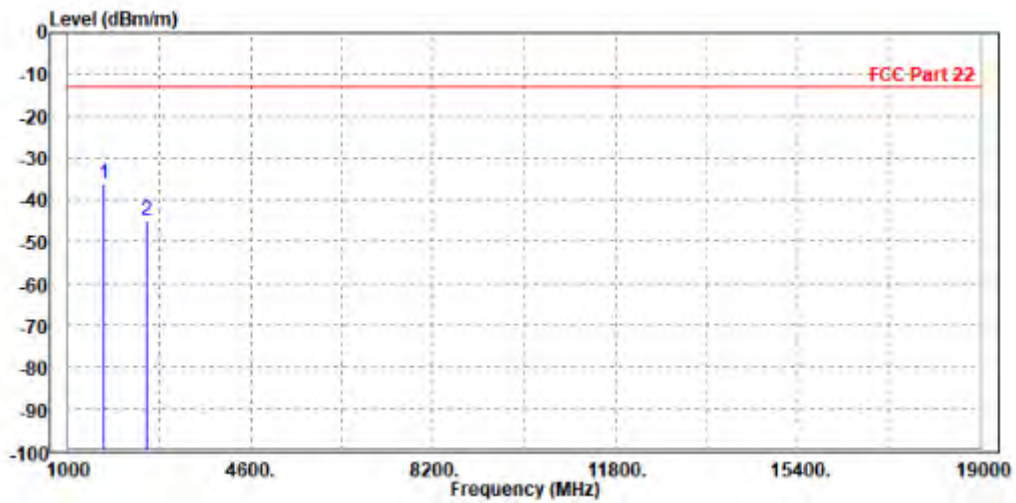


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF04**

<b>MODE</b>	TX channel 251	<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	PP 1702.000	-36.16	-37.59	-13.00	-23.16	1.43	Peak	Vertical
2	2546.400	-44.90	-49.99	-13.00	-31.90	5.09	Peak	Vertical



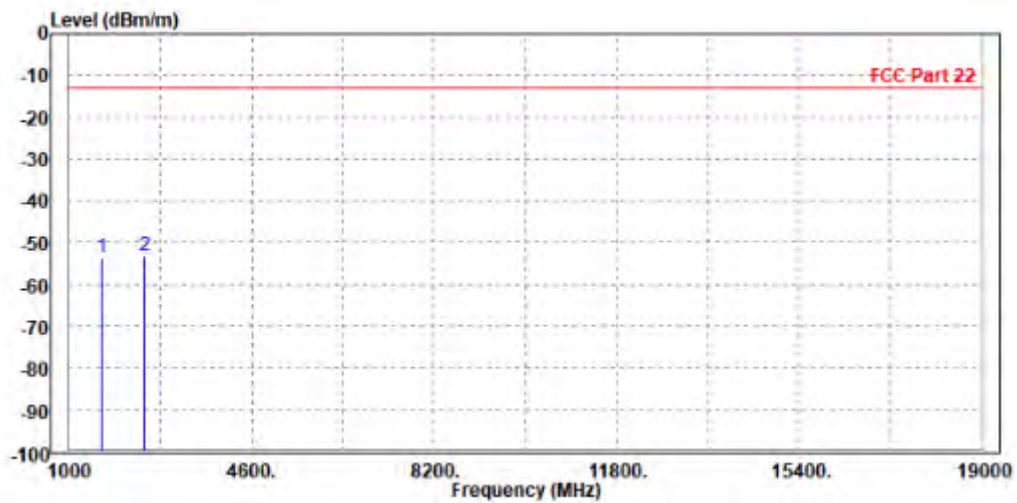


**WCDMA Band V:**

**CH 4132:**

<b>MODE</b>	TX channel 4132	<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	1652.800	-53.60	-54.41	-13.00	-40.60	0.81	Peak	Horizontal
2 PP	2476.000	-53.20	-58.55	-13.00	-40.20	5.35	Peak	Horizontal

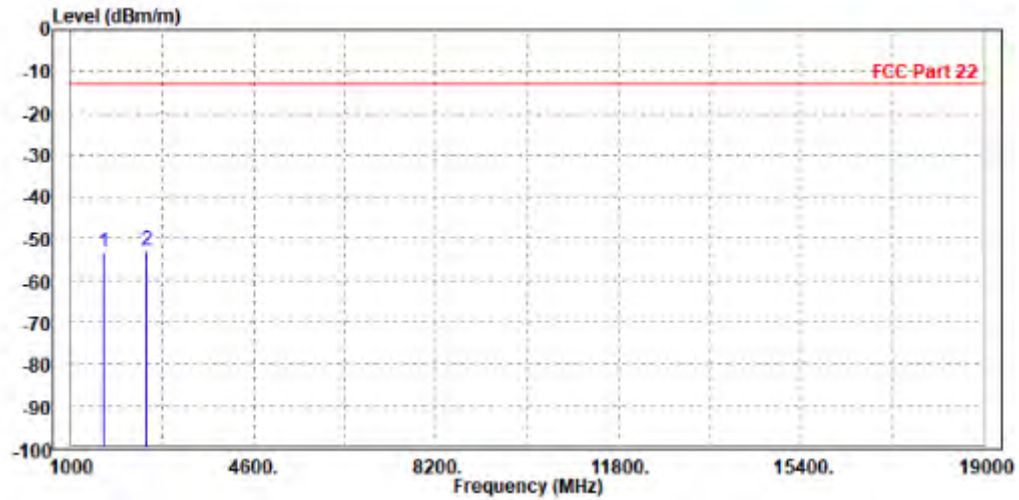






<b>MODE</b>	TX channel 4132	<b>FREQUENCY RANGE</b>	Above 1000MHz
<b>ENVIRONMENTAL CONDITIONS</b>	23deg. C, 70%RH	<b>INPUT POWER</b>	AC 120V/60HZ
<b>TESTED BY</b>	Jace Hu		
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1648.000	-53.15	-54.19	-13.00	-40.15	1.04	Peak	Vertical
2 PP	2479.200	-52.93	-57.81	-13.00	-39.93	4.88	Peak	Vertical

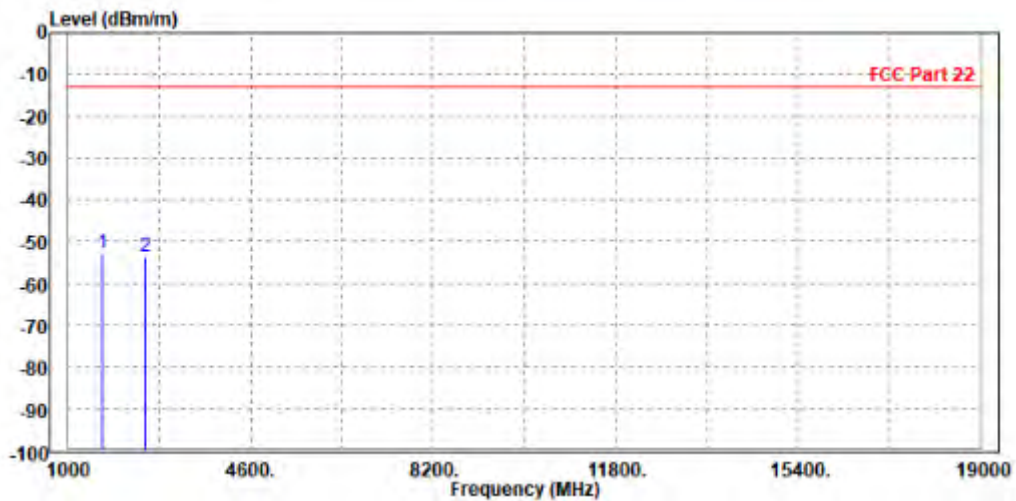




**CH 4182:**

<b>MODE</b>	TX channel 4182	<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>			

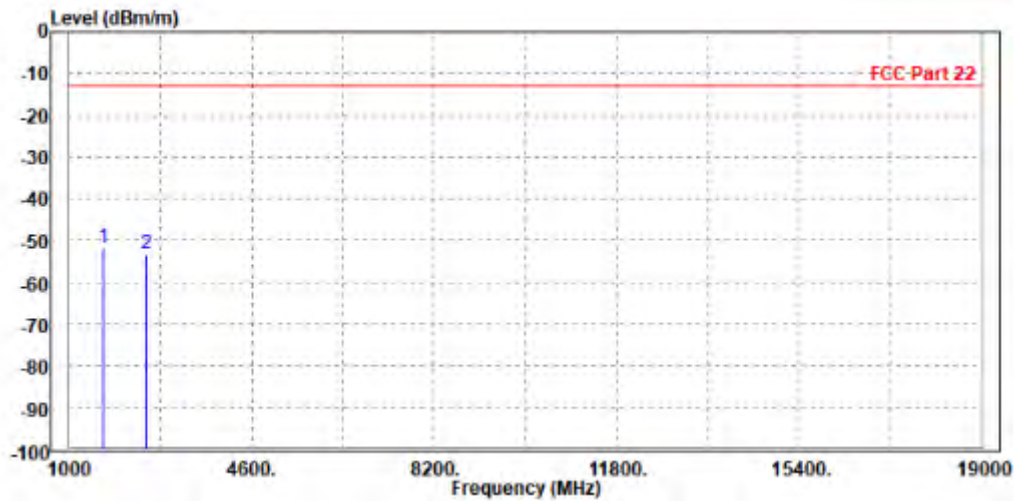
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1666.000	-52.70	-53.62	-13.00	-39.70	0.92	Peak	Horizontal
2	2509.200	-53.50	-58.96	-13.00	-40.50	5.46	Peak	Horizontal





<b>MODE</b>	TX channel 4182	<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 PP	1672.800	-51.86	-53.08	-13.00	-38.86	1.22	Peak	Vertical
2	2512.000	-53.07	-58.05	-13.00	-40.07	4.98	Peak	Vertical

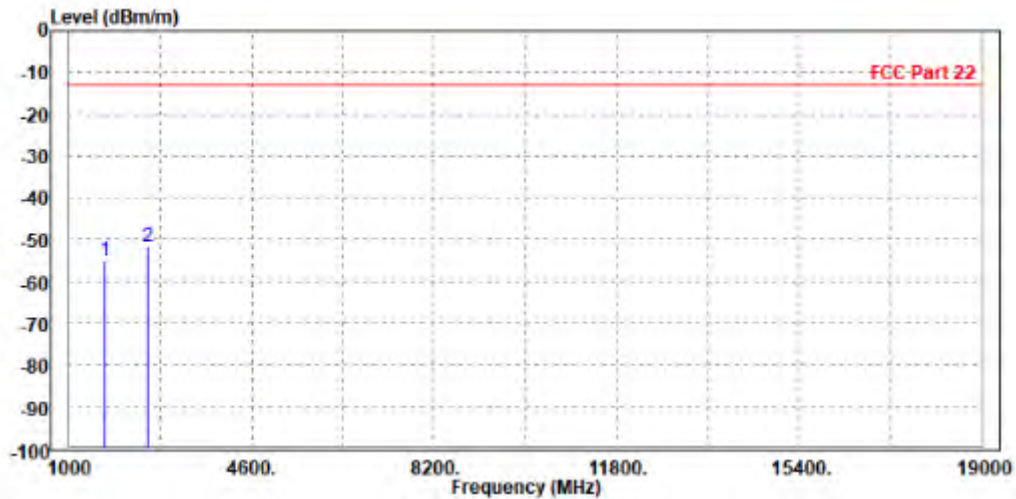




**CH 4233:**

<b>MODE</b>	TX channel 4233	<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	1702.000	-55.19	-56.40	-13.00	-42.19	1.21	Peak	Horizontal
2 PP	2539.800	-51.58	-57.11	-13.00	-38.58	5.53	Peak	Horizontal



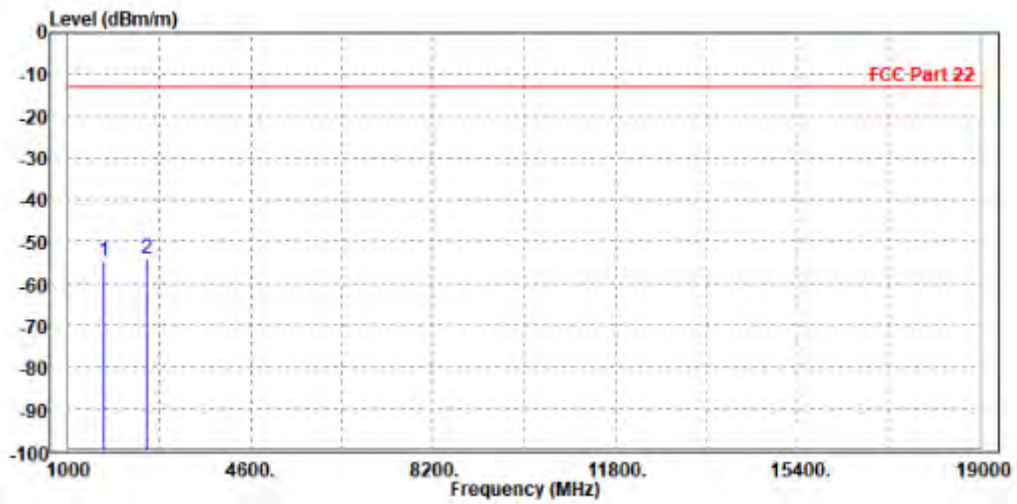


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF04**

<b>MODE</b>	TX channel 4233	<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	1693.200	-54.94	-56.30	-13.00	-41.94	1.36	Peak	Vertical
2 PP	2548.000	-53.85	-58.94	-13.00	-40.85	5.09	Peak	Vertical





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VERITAS**

Test Report No.: W7L-P22110036RF04

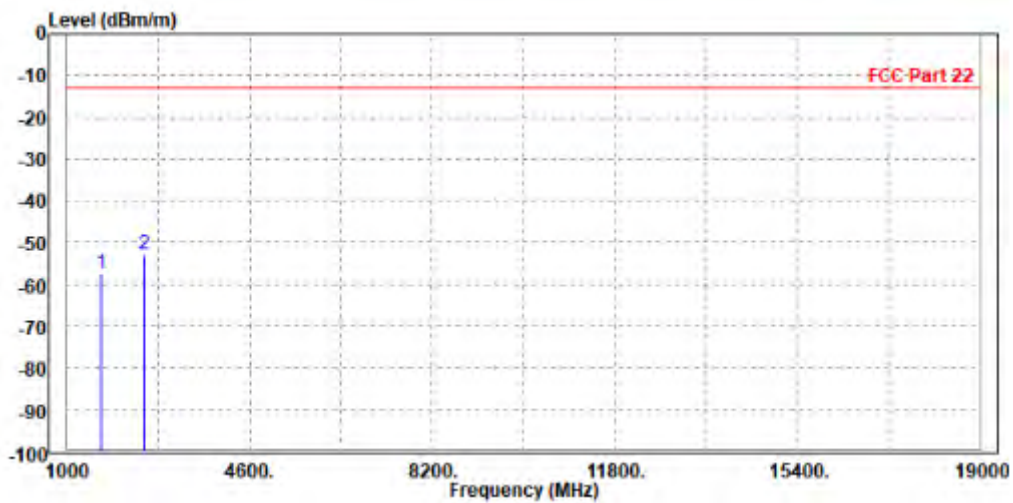
LTE Band 26

CHANNEL BANDWIDTH: 1.4MHz / QPSK

CH26915

<b>MODE</b>	TX channel 26915	<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	1666.000	-57.24	-58.16	-13.00	-44.24	0.92	Peak	Horizontal
2 PP	2512.000	-52.72	-58.19	-13.00	-39.72	5.47	Peak	Horizontal



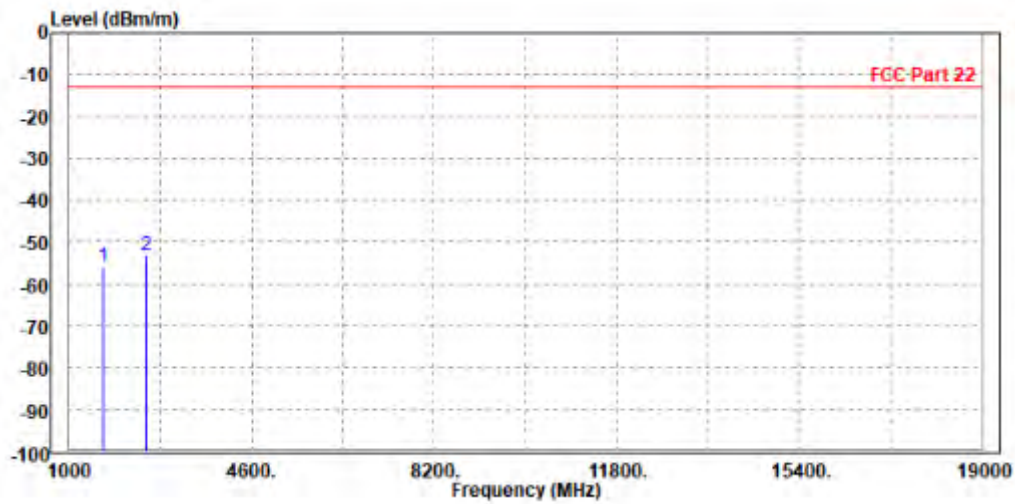


**BUREAU  
VERITAS**

**Test Report No.: W7L-P22110036RF04**

<b>MODE</b>	TX channel 26915	<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	1673.000	-55.71	-56.93	-13.00	-42.71	1.22	Peak	Vertical
2 PP	2512.000	-53.31	-58.29	-13.00	-40.31	4.98	Peak	Vertical

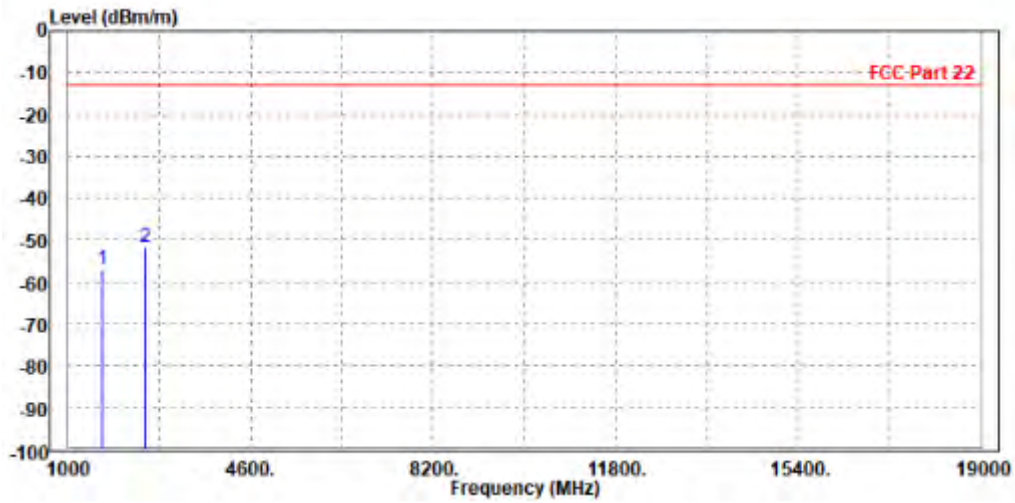




CHANNEL BANDWIDTH: 3MHz / QPSK

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
<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	1673.000	-57.07	-58.05	-13.00	-44.07	0.98	Peak	Horizontal
2 PP	2512.000	-51.83	-57.30	-13.00	-38.83	5.47	Peak	Horizontal





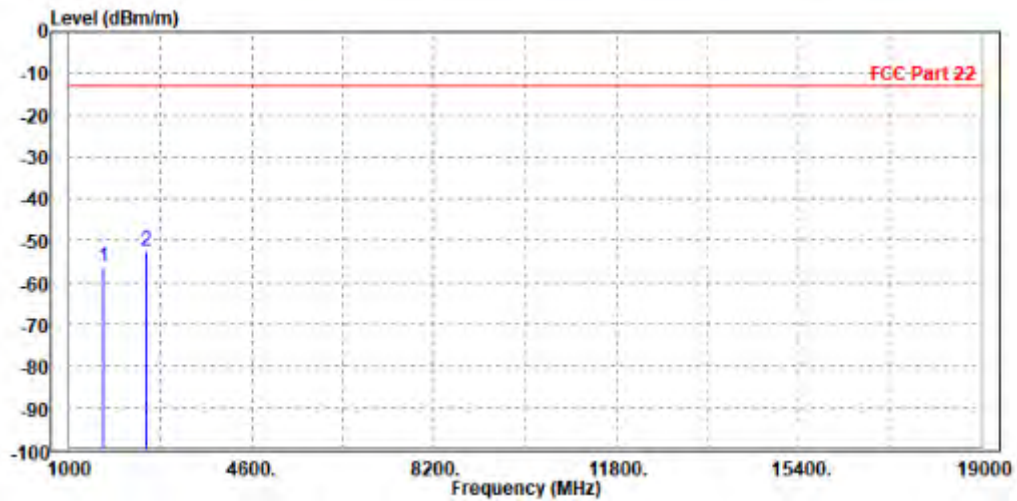


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**Test Report No.: W7L-P22110036RF04**

<b>MODE</b>	TX channel 26915	<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	1666.000	-56.36	-57.53	-13.00	-43.36	1.17	Peak	Vertical
2 PP	2509.500	-52.61	-57.58	-13.00	-39.61	4.97	Peak	Vertical

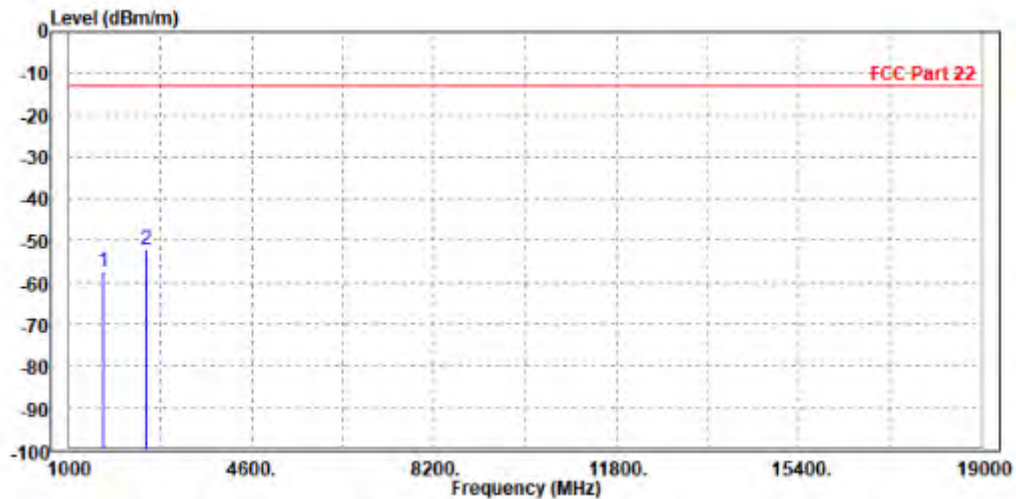




CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
<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	1666.000	-57.37	-58.29	-13.00	-44.37	0.92	Peak	Horizontal
2 PP	2509.500	-52.11	-57.57	-13.00	-39.11	5.46	Peak	Horizontal



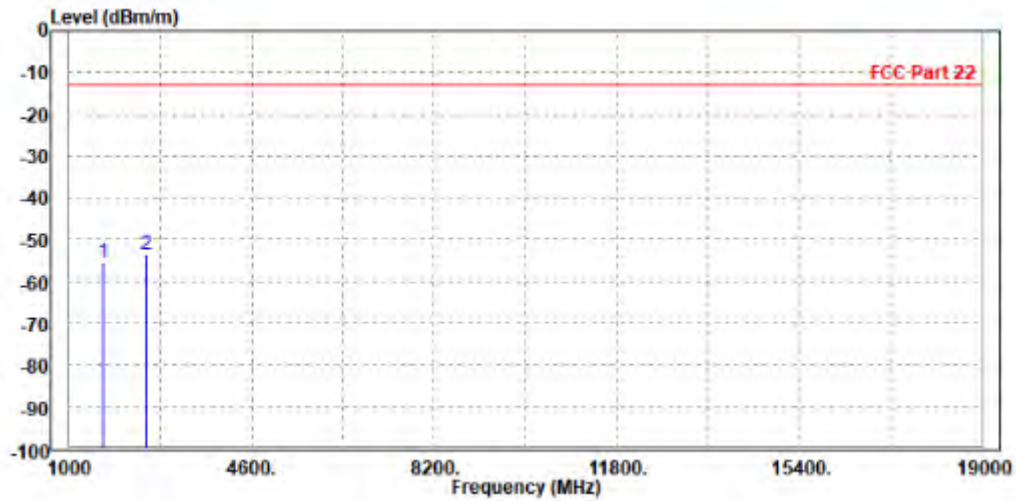


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**Test Report No.: W7L-P22110036RF04**

<b>MODE</b>	TX channel 26915	<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	1673.000	-55.58	-56.80	-13.00	-42.58	1.22	Peak	Vertical
2 PP	2512.000	-53.64	-58.62	-13.00	-40.64	4.98	Peak	Vertical





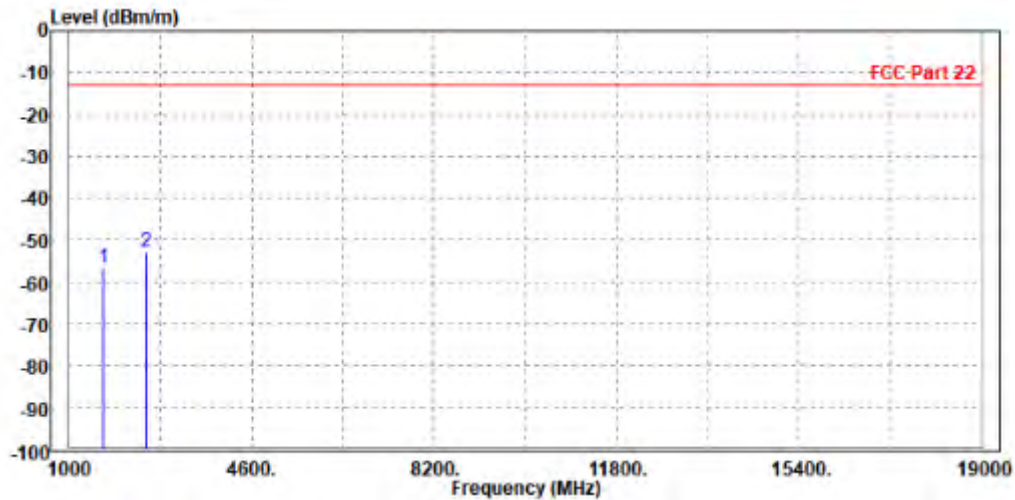
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Test Report No.: W7L-P22110036RF04

CHANNEL BANDWIDTH: 10MHz / QPSK

<b>MODE</b>	TX channel 26915	<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	1666.000	-56.73	-57.65	-13.00	-43.73	0.92	Peak	Horizontal
2 PP	2509.500	-53.02	-58.48	-13.00	-40.02	5.46	Peak	Horizontal



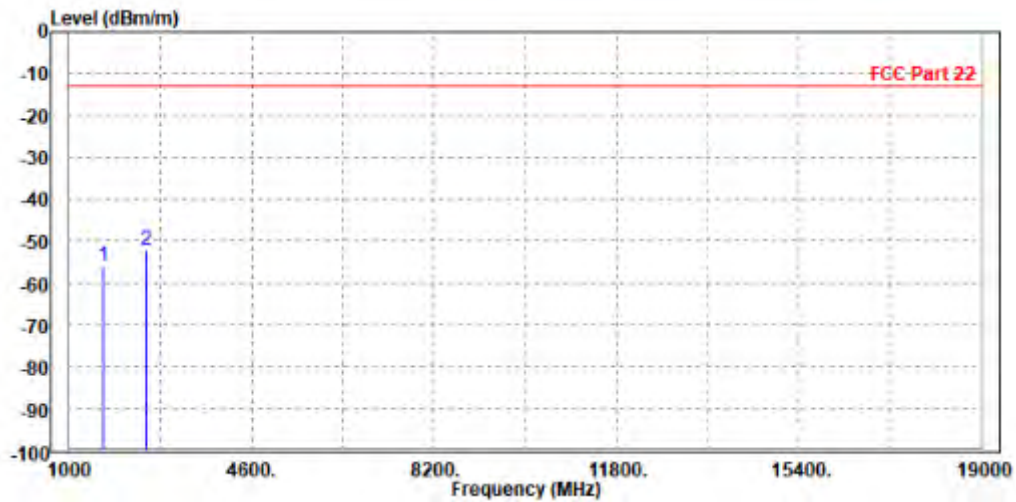


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**Test Report No.: W7L-P22110036RF04**

<b>MODE</b>	TX channel 26915	<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	1666.000	-55.81	-56.98	-13.00	-42.81	1.17	Peak	Vertical
2 PP	2509.500	-51.94	-56.91	-13.00	-38.94	4.97	Peak	Vertical



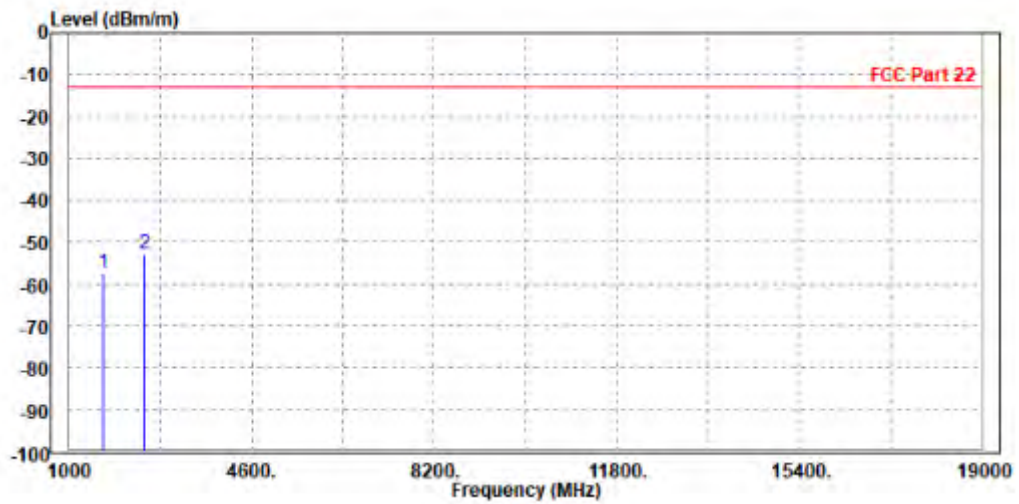


CHANNEL BANDWIDTH: 15MHz / QPSK

CH26845

MODE	TX channel 26845	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	1666.000	-57.34	-58.26	-13.00	-44.34	0.92	Peak	Horizontal
2 PP	2487.000	-52.73	-58.12	-13.00	-39.73	5.39	Peak	Horizontal



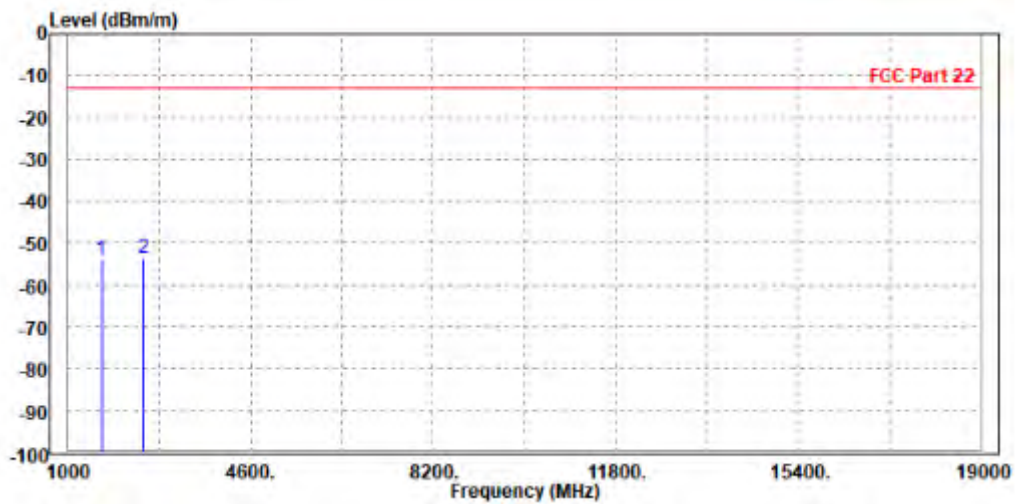


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Test Report No.: W7L-P22110036RF04

<b>MODE</b>	TX channel 26845	<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	1658.000	-54.10	-55.21	-13.00	-41.10	1.11	Peak	Vertical
2 PP	2494.000	-53.47	-58.39	-13.00	-40.47	4.92	Peak	Vertical

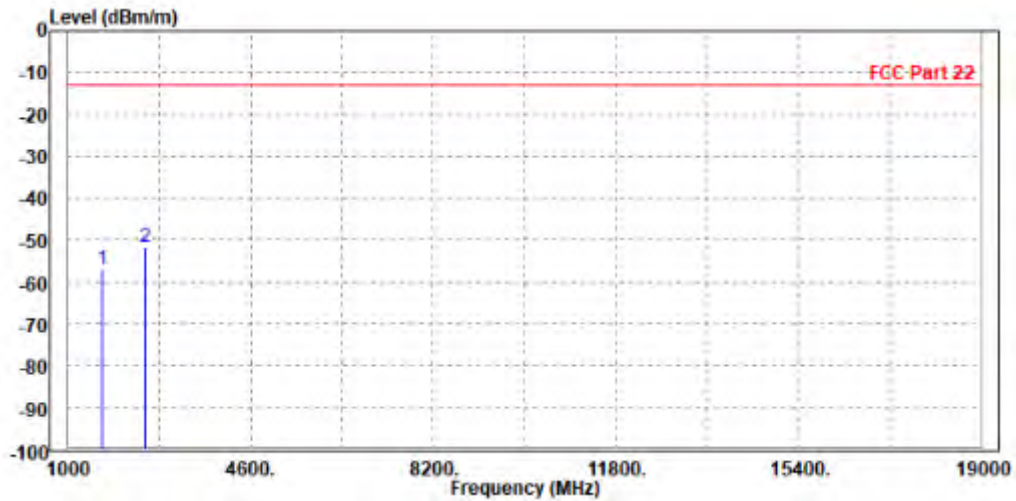




CH26915

MODE	TX channel 26915	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	Over	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1673.000	-56.97	-57.95	-13.00	-43.97	0.98	Peak	Horizontal
2	PP 2512.000	-51.82	-57.29	-13.00	-38.82	5.47	Peak	Horizontal





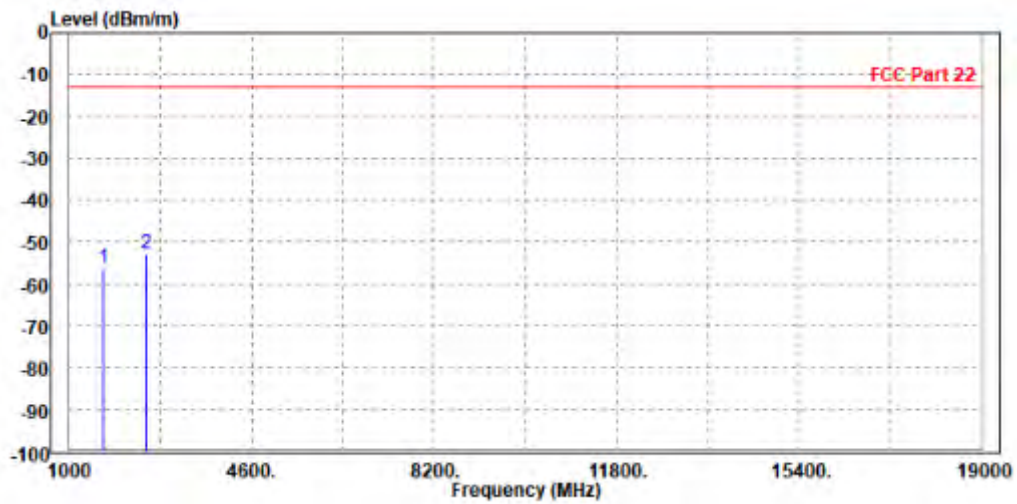


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VERITAS**

Test Report No.: W7L-P22110036RF04

<b>MODE</b>	TX channel 26915	<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	1666.000	-56.27	-57.44	-13.00	-43.27	1.17	Peak	Vertical
2 PP	2509.500	-53.00	-57.97	-13.00	-40.00	4.97	Peak	Vertical





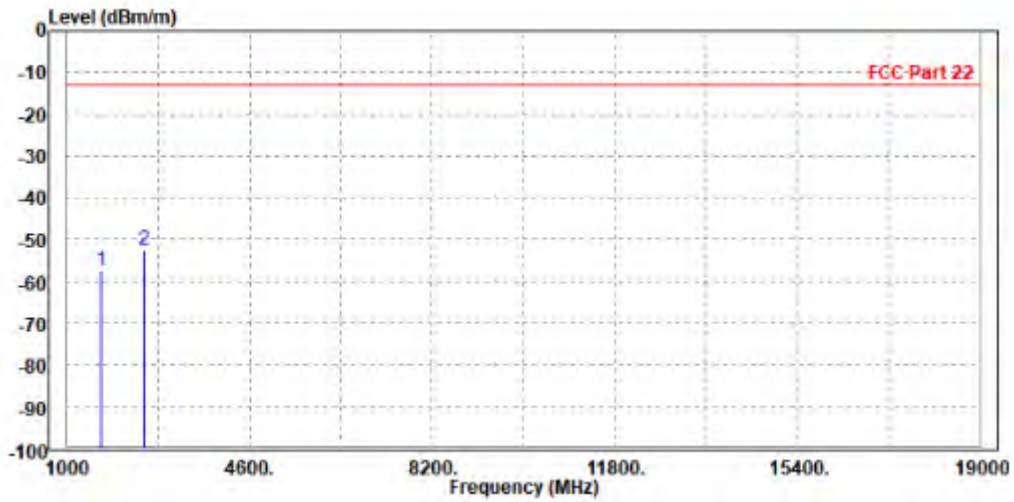
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Test Report No.: W7L-P22110036RF04

CH26990

<b>MODE</b>	TX channel 26990	<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>			

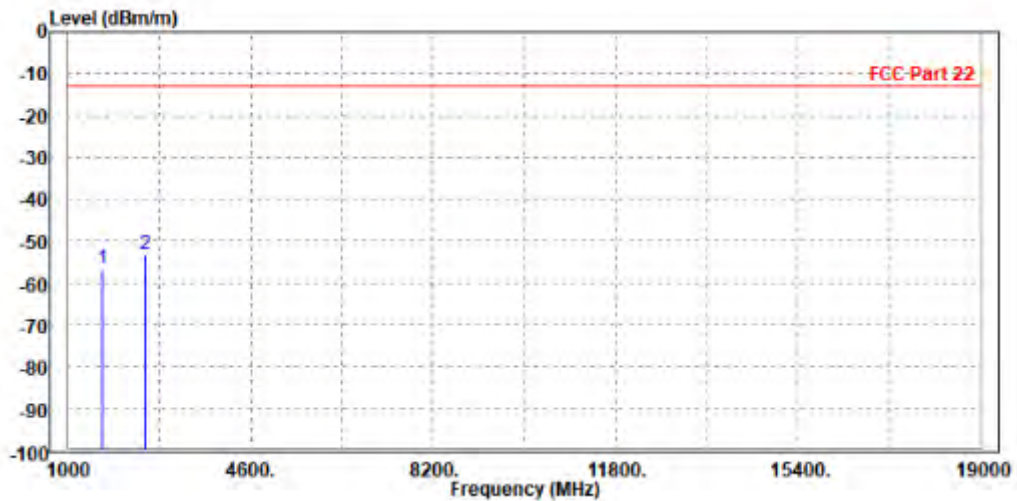
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Po1/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1688.000	-57.50	-58.60	-13.00	-44.50	1.10	Peak	Horizontal
2 PP	2530.000	-52.60	-58.11	-13.00	-39.60	5.51	Peak	Horizontal





<b>MODE</b>	TX channel 26990	<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	1684.000	-56.68	-57.98	-13.00	-43.68	1.30	Peak	Vertical
2 PP	2532.000	-53.23	-58.27	-13.00	-40.23	5.04	Peak	Vertical

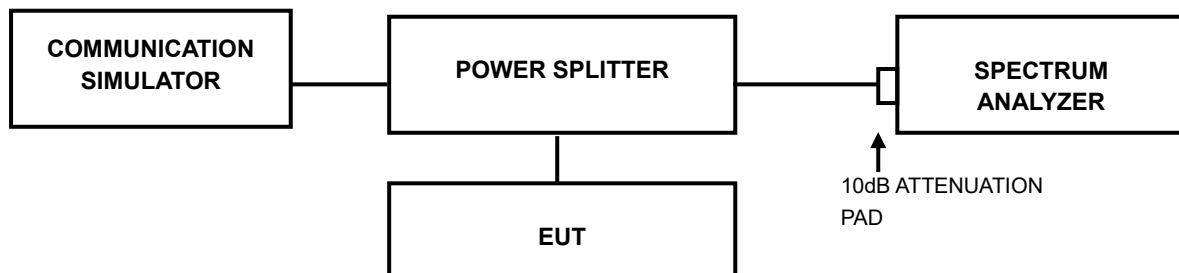


### 3.7 PEAK TO AVERAGE RATIO

#### 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](mailto:customerservice.sw@bureauveritas.com)

**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.



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## **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.





## 7 APPENDIX

### GSM850

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

##### Test Result

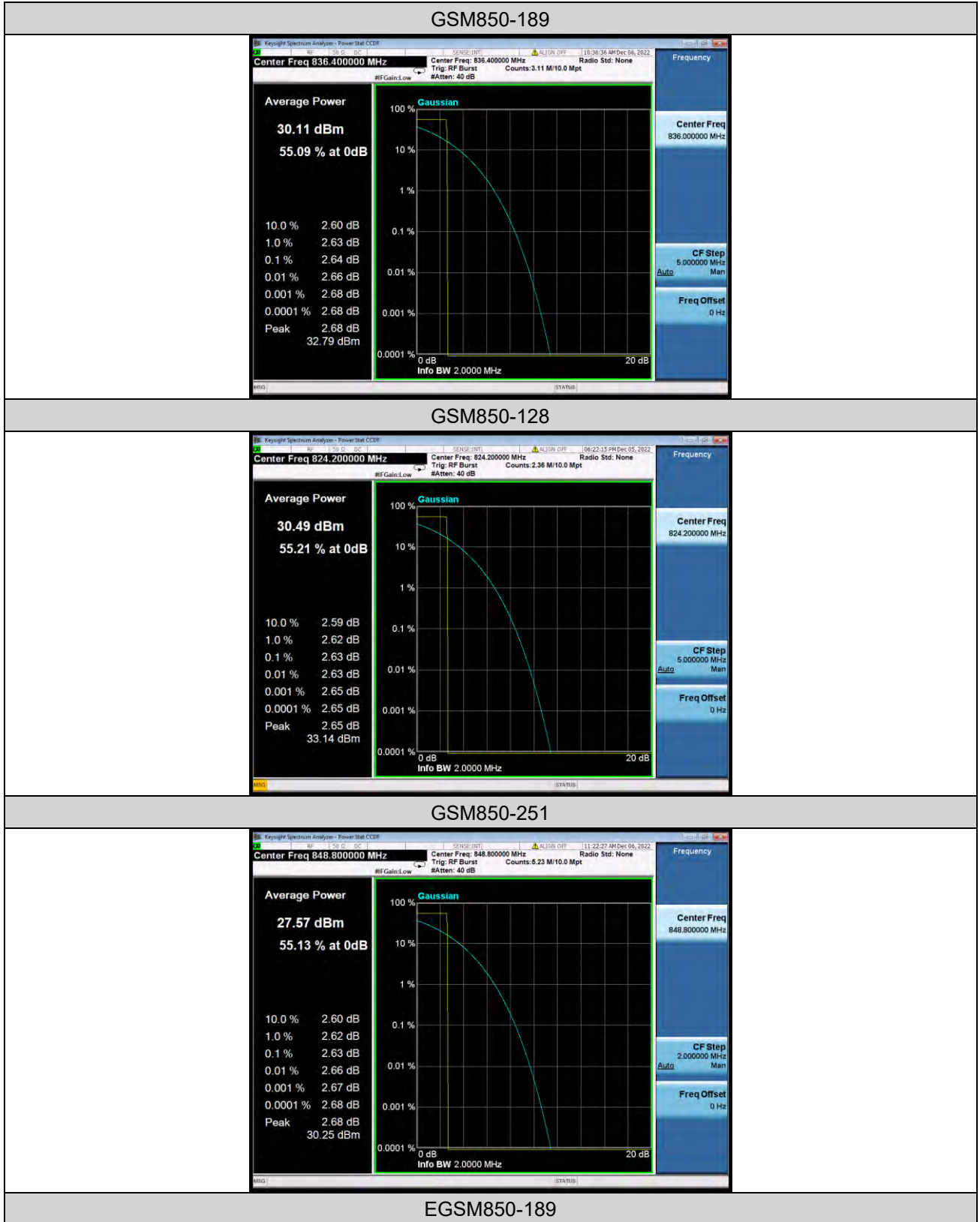
Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	189	2.63	13	PASS
GSM850	128	2.64	13	PASS
GSM850	251	2.63	13	PASS
EGSM850	189	5.76	13	PASS
EGSM850	128	5.82	13	PASS
EGSM850	251	5.77	13	PASS

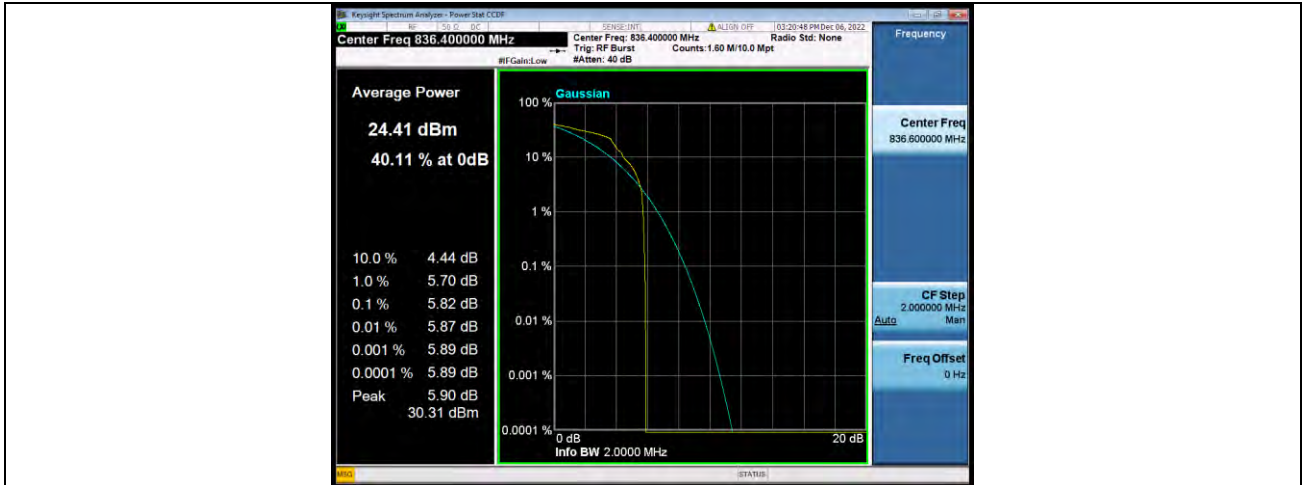


BUREAU VERITAS

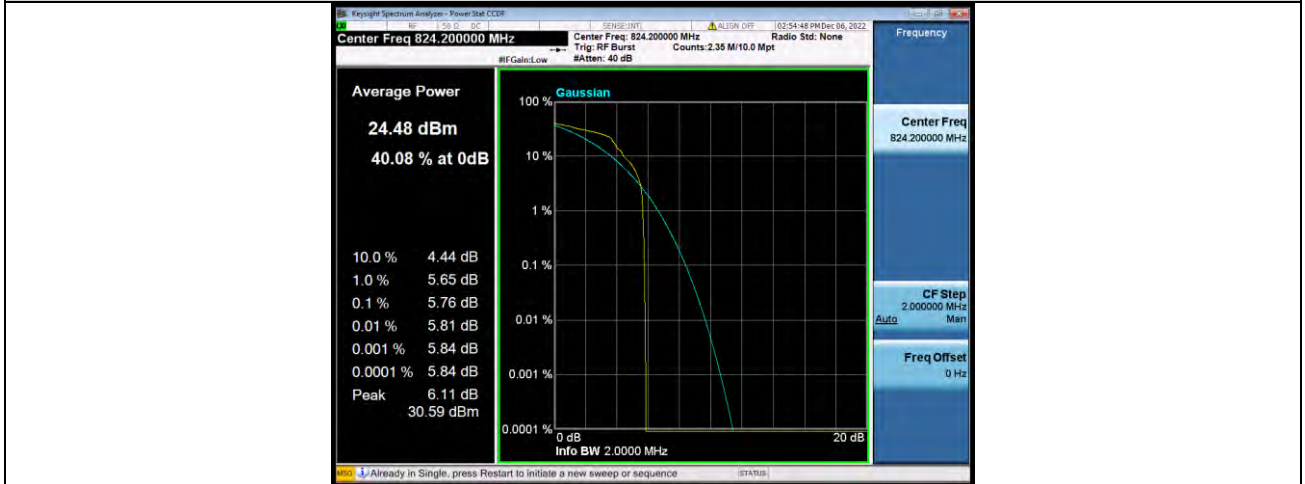
Test Report No.: W7L-P22110036RF04

### Test Graphs

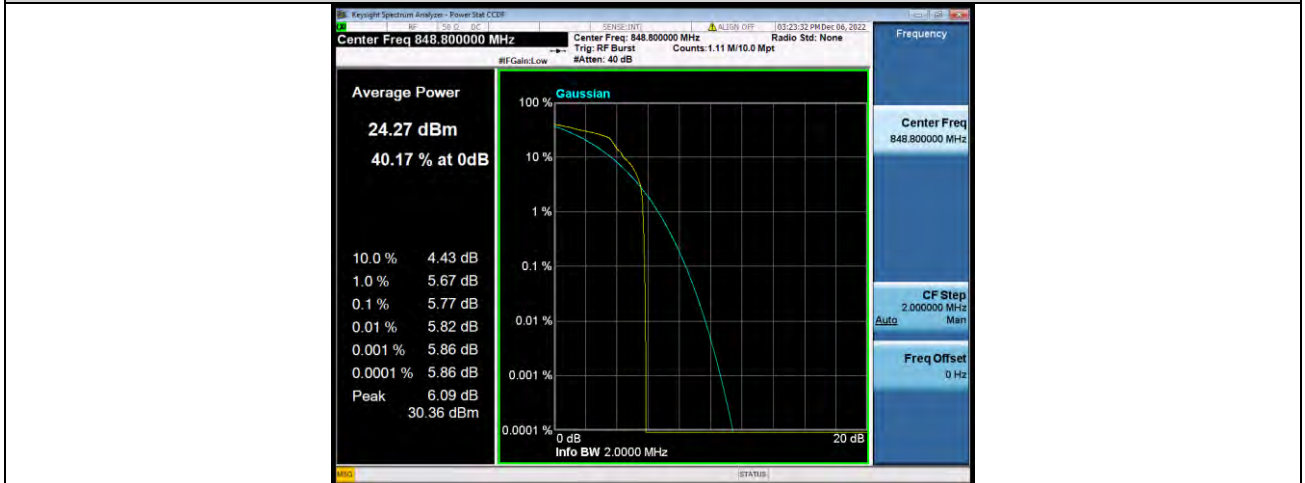




EGSM850-128



EGSM850-251





## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

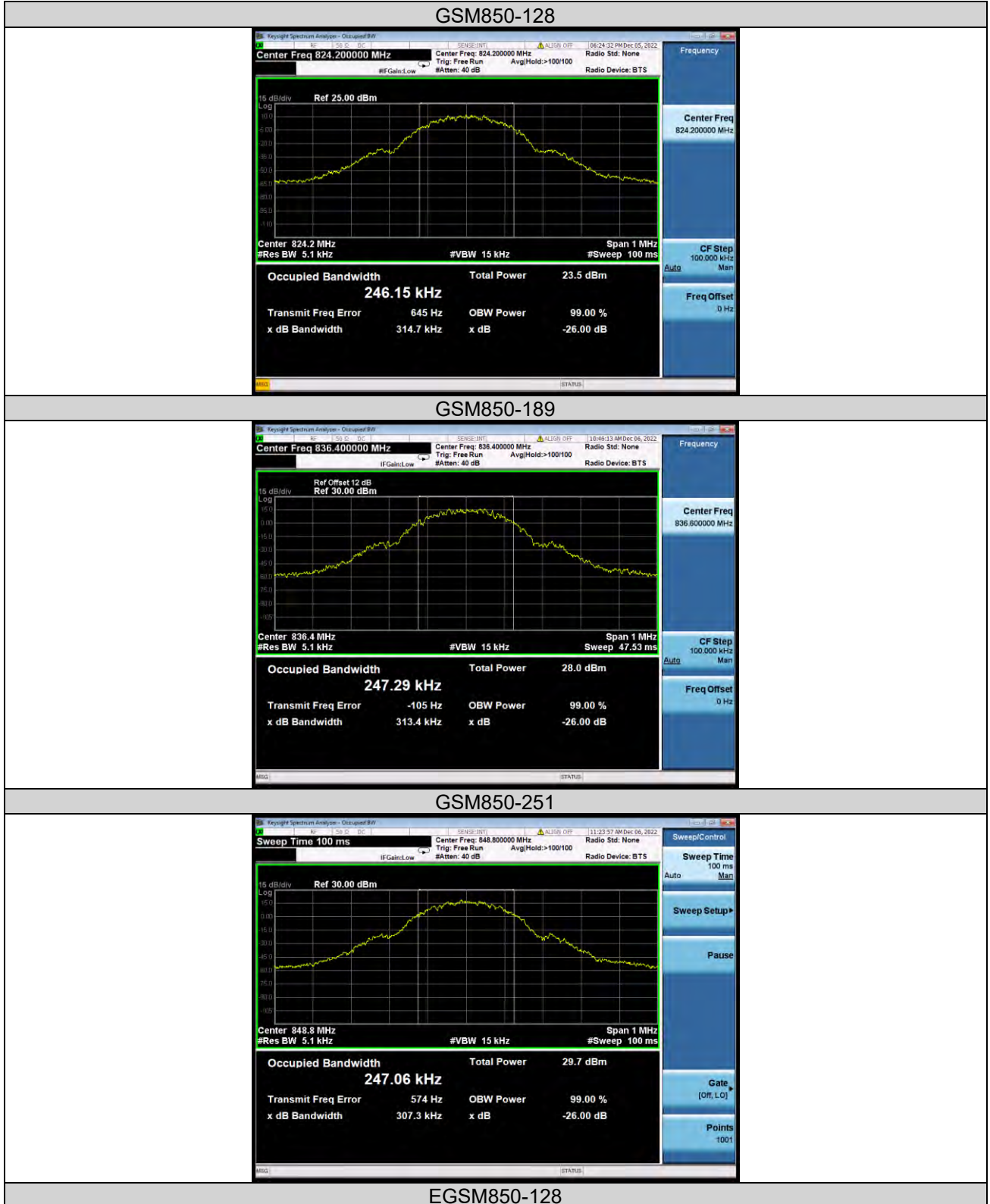
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.24615	0.3147	---	PASS
GSM850	189	0.24229	0.3134	---	PASS
GSM850	251	0.24706	0.3073	---	PASS
EGSM850	128	0.24300	0.3059	---	PASS
EGSM850	189	0.24317	0.3139	---	PASS
EGSM850	251	0.24321	0.3000	---	PASS



BUREAU VERITAS

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### Test Graphs

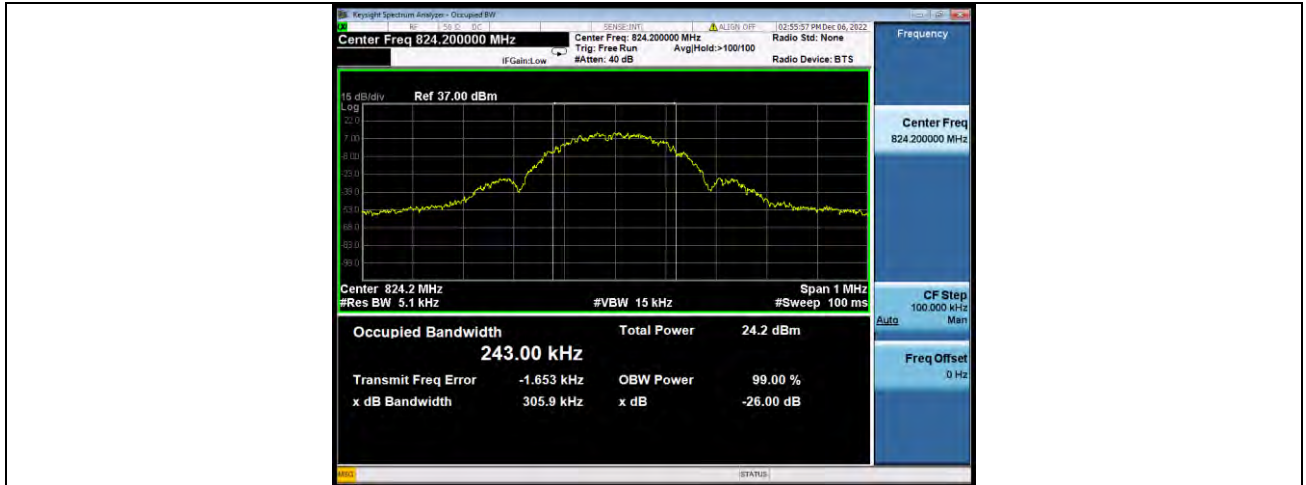


### EGSM850-128



BUREAU VERITAS

Test Report No.: W7L-P22110036RF04



EGSM850-189



EGSM850-251





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**VERITAS**

Test Report No.: W7L-P22110036RF04

## BAND EDGE

### Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	823.98	-17.12	-13	PASS
GSM850	251	849.02	-19.54	-13	PASS
EGSM850	128	823.99	-26.33	-13	PASS
EGSM850	251	849.02	-28.15	-13	PASS



BUREAU VERITAS

Test Report No.: W7L-P22110036RF04

### Test Graphs

