

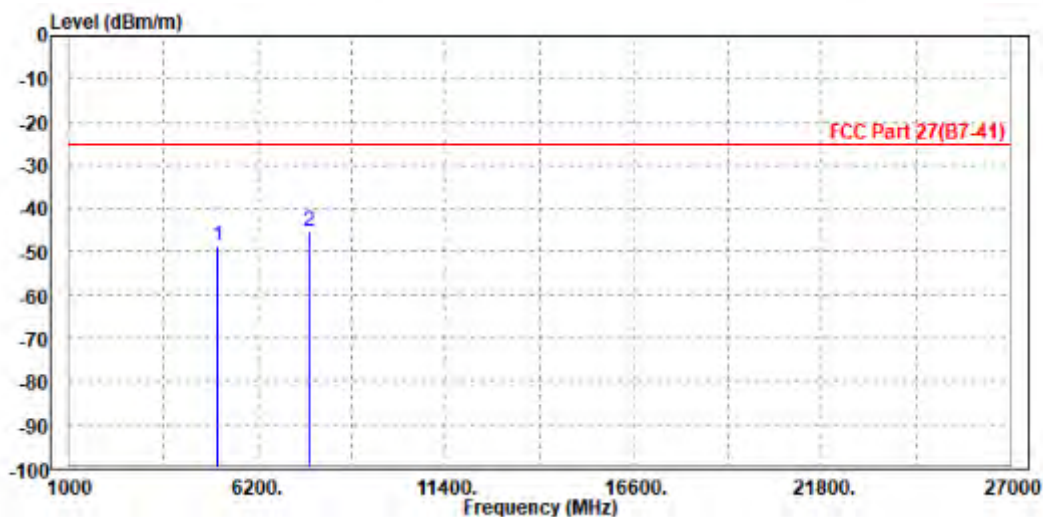


Test Report No.: W7L-P22030026-2RF05

CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 21100	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	5082.000	-48.74	-57.51	-25.00	-23.74	8.77	Peak	Horizontal
2 PP	7605.000	-45.14	-56.54	-25.00	-20.14	11.40	Peak	Horizontal

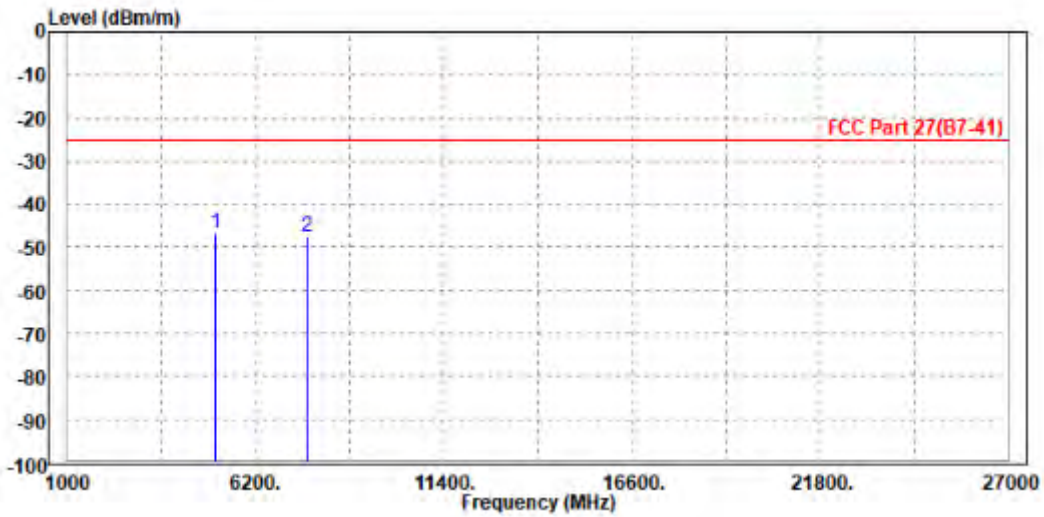




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 21100	<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 5082.000	-46.86	-56.73	-25.00	-21.86	9.87	Peak	Vertical
2	7605.000	-47.47	-60.25	-25.00	-22.47	12.78	Peak	Vertical





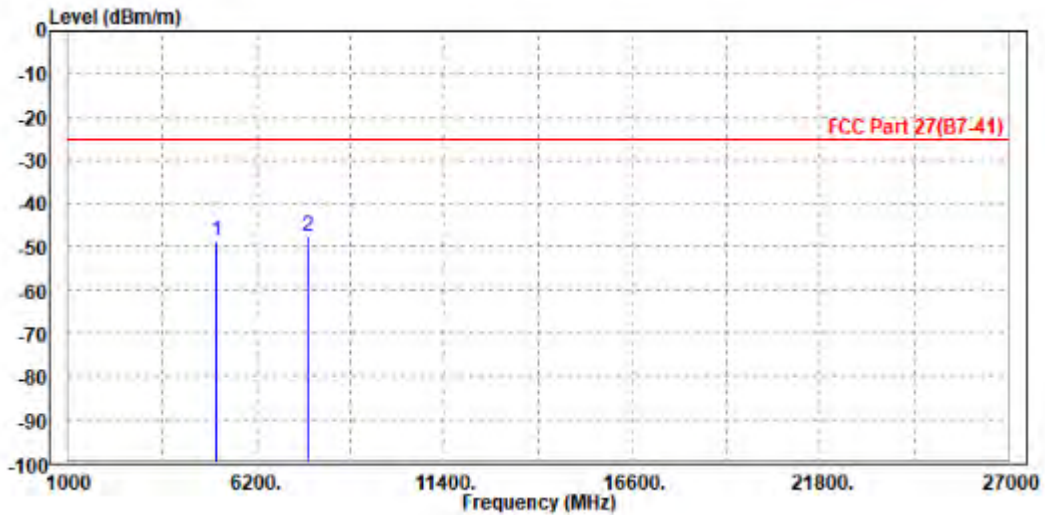
**BUREAU  
VERITAS**

Test Report No.: W7L-P22030026-2RF05

**CHANNEL BANDWIDTH: 15MHz / QPSK**

<b>MODE</b>	TX channel 21100	<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	5082.000	-48.73	-57.50	-25.00	-23.73	8.77	Peak	Horizontal
2 PP	7605.000	-47.66	-59.06	-25.00	-22.66	11.40	Peak	Horizontal

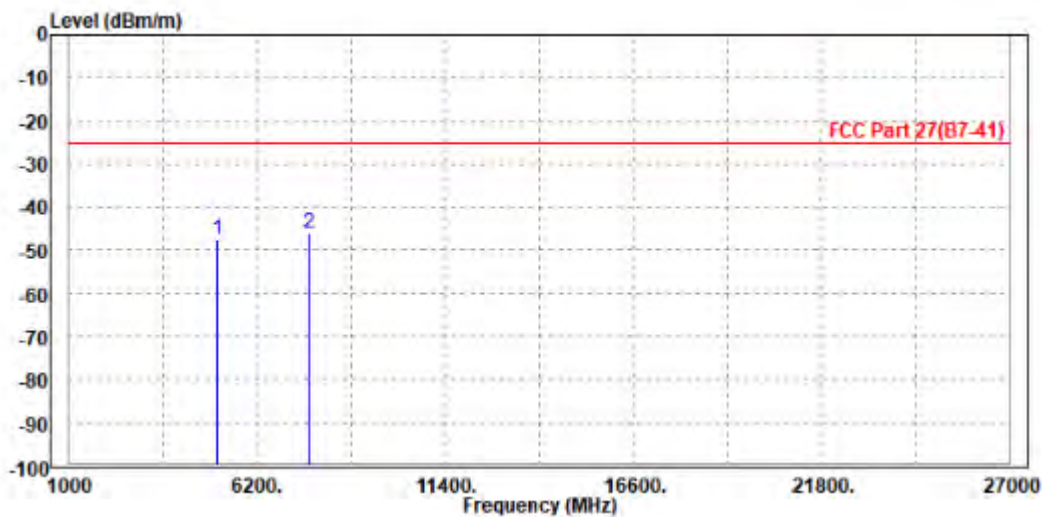




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 21100	<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	5082.000	-47.43	-57.30	-25.00	-22.43	9.87	Peak	Vertical
2 PP	7605.000	-46.17	-58.95	-25.00	-21.17	12.78	Peak	Vertical





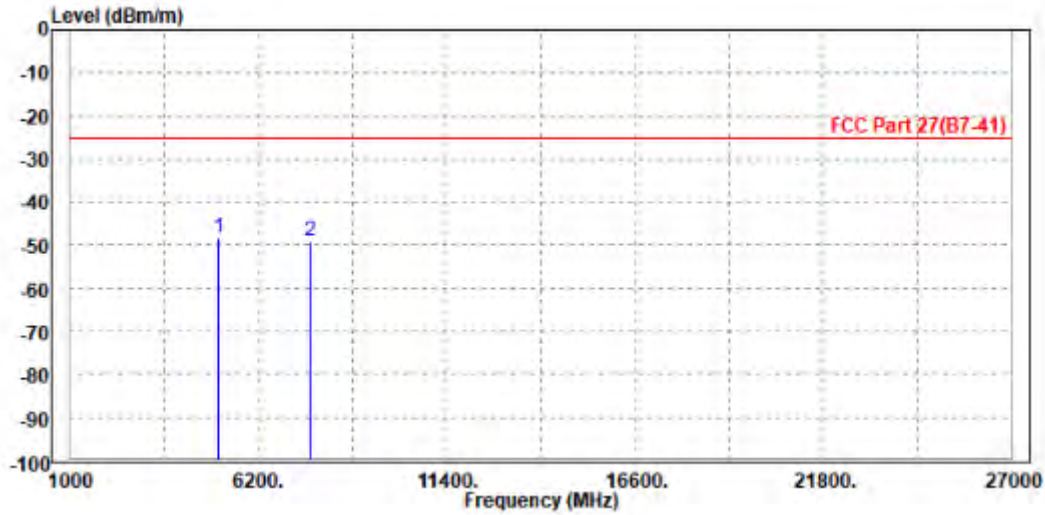
BUREAU VERITAS

Test Report No.: W7L-P22030026-2RF05

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 21100	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	PP 5082.000	-48.41	-57.18	-25.00	-23.41	8.77	Peak	Horizontal
2	7605.000	-49.11	-60.51	-25.00	-24.11	11.40	Peak	Horizontal

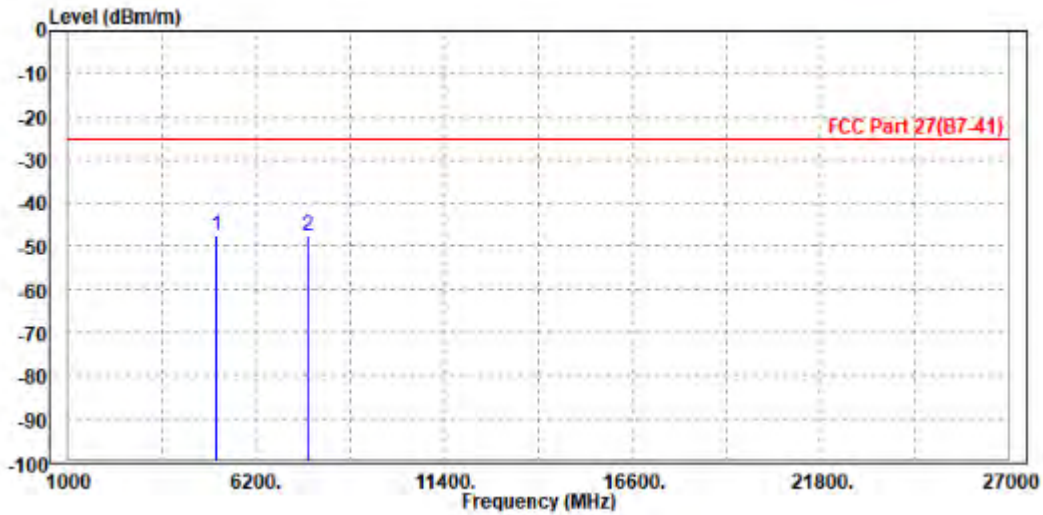




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 21100	<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
	MHz	dBm/m	dBm	dBm/m	dB	dB/m	
1	PP 5082.000	-47.36	-57.23	-25.00	-22.36	9.87	Peak Vertical
2	7605.000	-47.45	-60.23	-25.00	-22.45	12.78	Peak Vertical





BUREAU  
VERITAS

Test Report No.: W7L-P22030026-2RF05

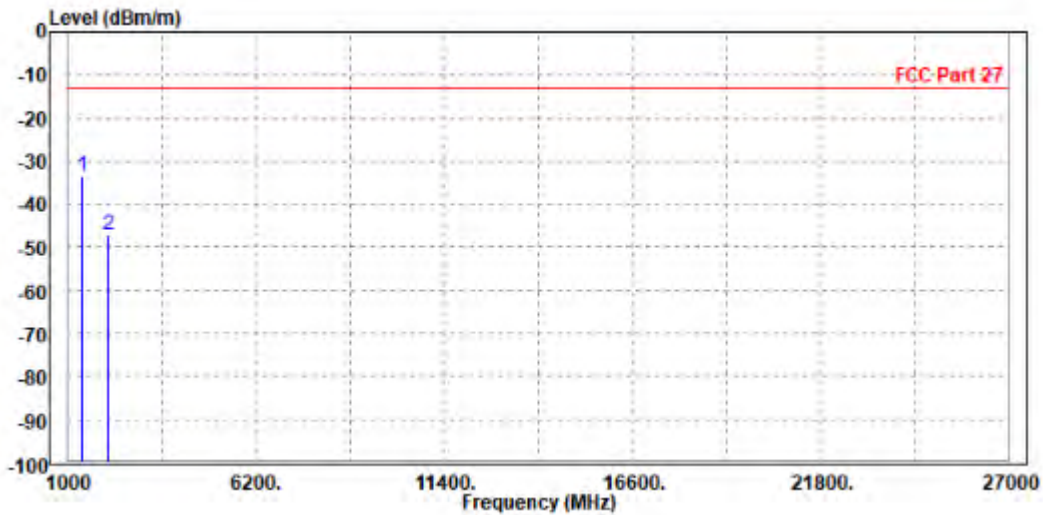
LTE BAND 12

CHANNEL BANDWIDTH: 1.4MHz / QPSK

CH23017

MODE	TX channel 23017	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	PP 1390.000	-33.59	-34.56	-13.00	-20.59	0.97	Peak	Horizontal
2	2099.100	-47.23	-54.88	-13.00	-34.23	7.65	Peak	Horizontal

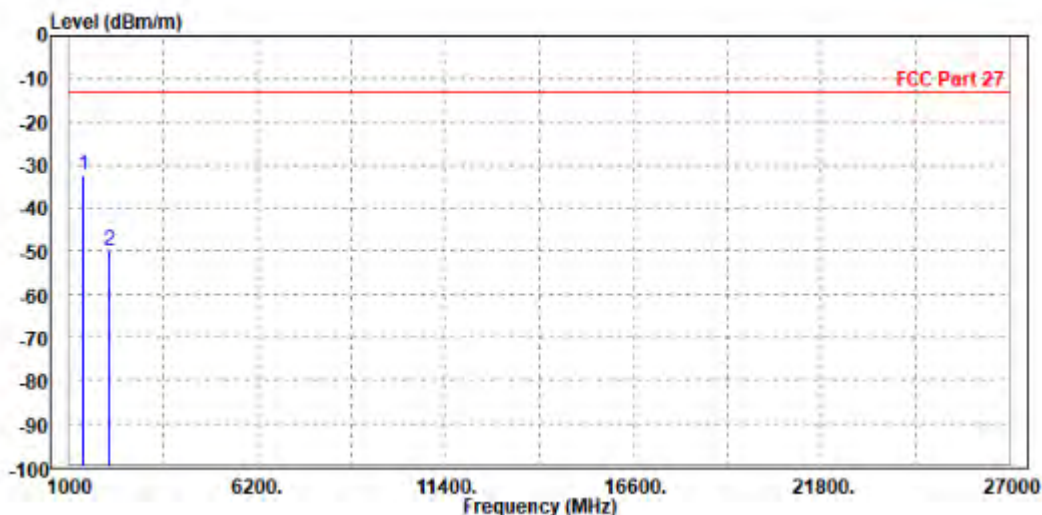




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23017	<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 1390.000	-32.22	-33.80	-13.00	-19.22	1.58	Peak	Vertical
2	2099.100	-49.88	-56.54	-13.00	-36.88	6.66	Peak	Vertical







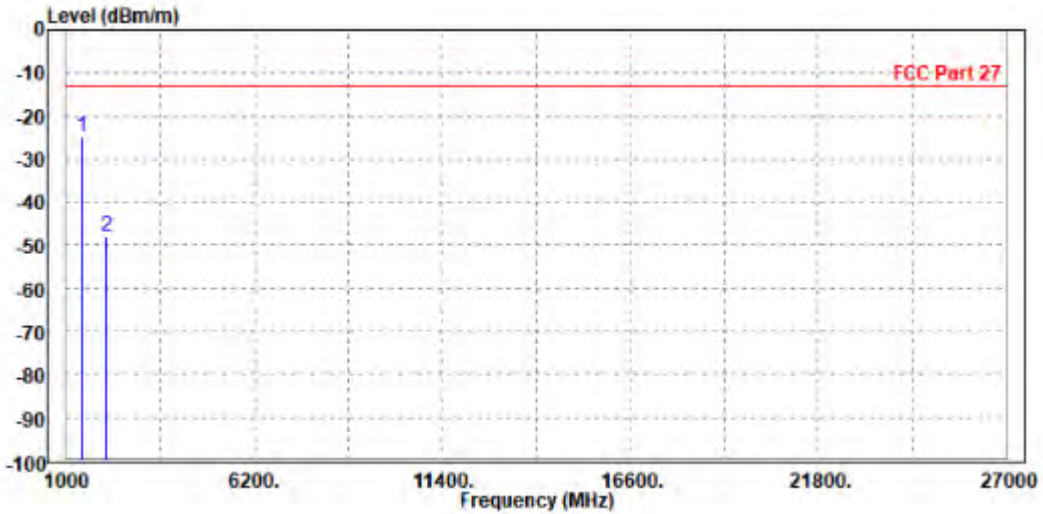
**BUREAU  
VERITAS**

Test Report No.: W7L-P22030026-2RF05

**CH23095**

<b>MODE</b>	TX channel 23095	<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 1415.000	-24.80	-25.87	-13.00	-11.80	1.07	Peak	Horizontal
2	2118.000	-47.76	-55.43	-13.00	-34.76	7.67	Peak	Horizontal

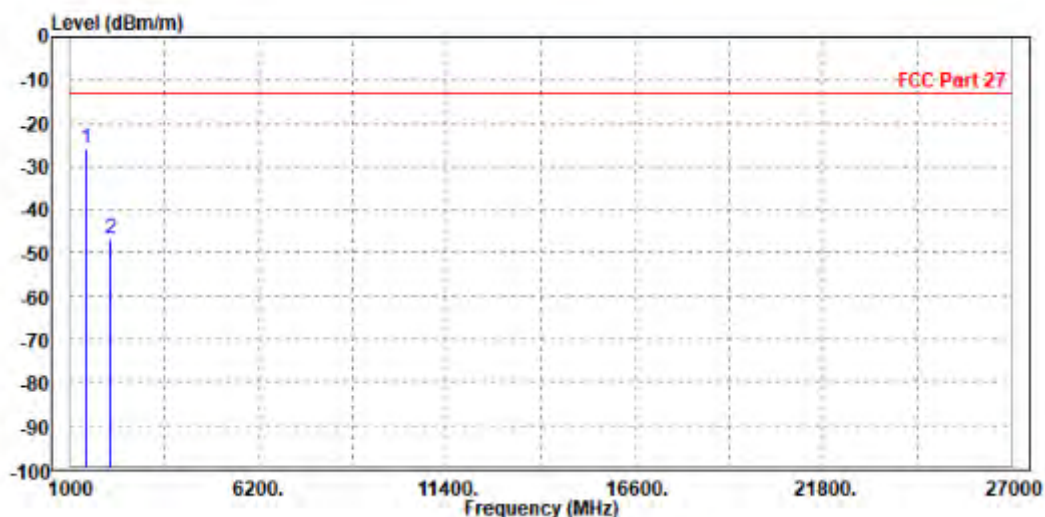




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23095	<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 1416.000	-25.80	-27.49	-13.00	-12.80	1.69	Peak	Vertical
2	2122.500	-46.85	-53.54	-13.00	-33.85	6.69	Peak	Vertical





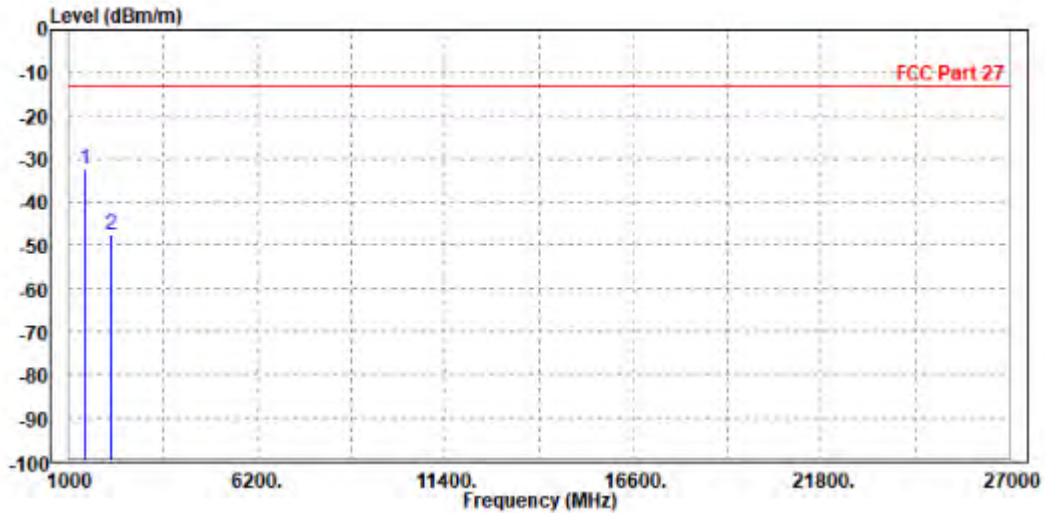
**BUREAU  
VERITAS**

Test Report No.: W7L-P22030026-2RF05

CH23173

<b>MODE</b>	TX channel 23173	<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 1442.000	-32.16	-33.35	-13.00	-19.16	1.19	Peak	Horizontal
2	2145.900	-47.37	-55.06	-13.00	-34.37	7.69	Peak	Horizontal

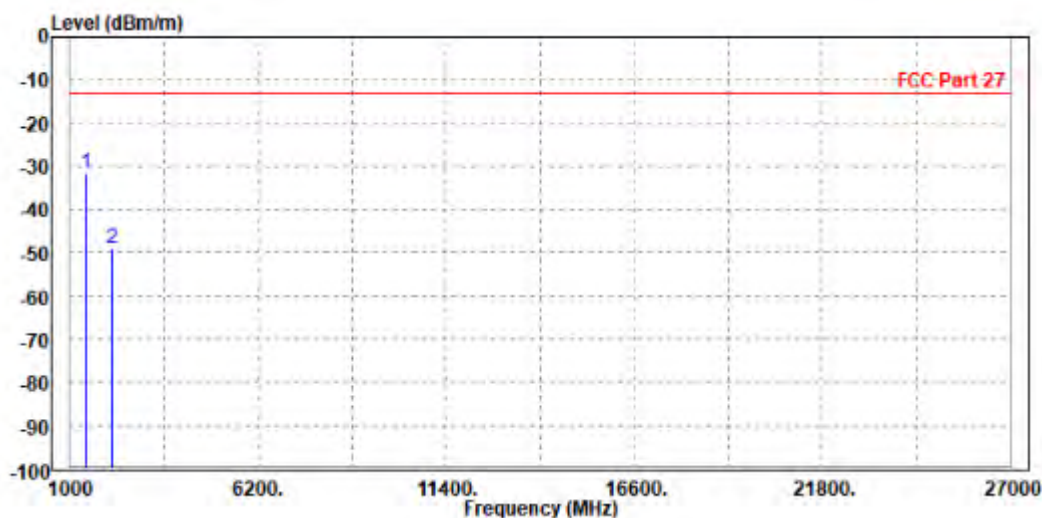




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23173	<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 1442.000	-31.38	-33.18	-13.00	-18.38	1.80	Peak	Vertical
2	2145.900	-48.96	-55.67	-13.00	-35.96	6.71	Peak	Vertical





BUREAU VERITAS

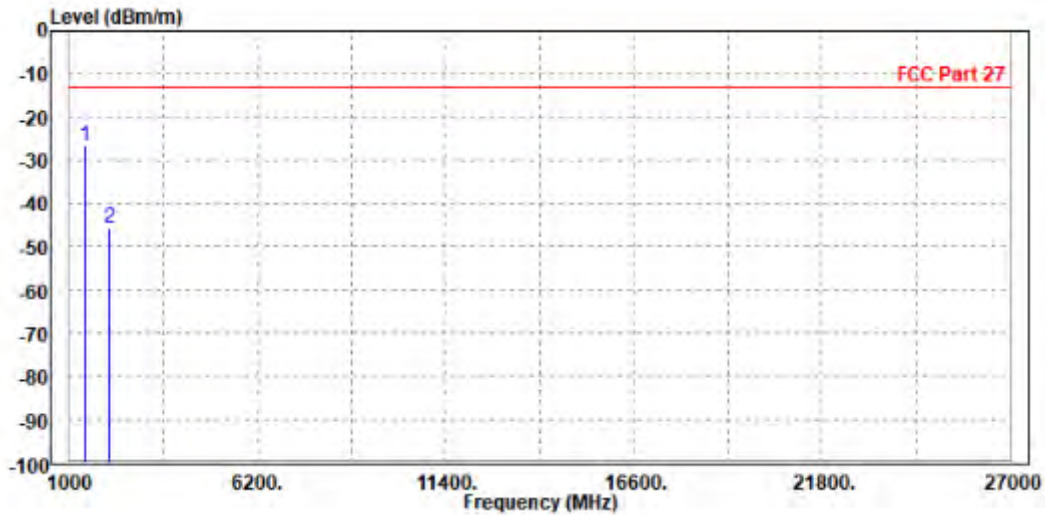
Test Report No.: W7L-P22030026-2RF05

CHANNEL BANDWIDTH: 3MHz / QPSK

CH23095

MODE	TX channel 23095	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	PP 1416.000	-26.70	-27.78	-13.00	-13.70	1.08	Peak	Horizontal
2	2122.500	-45.46	-53.13	-13.00	-32.46	7.67	Peak	Horizontal

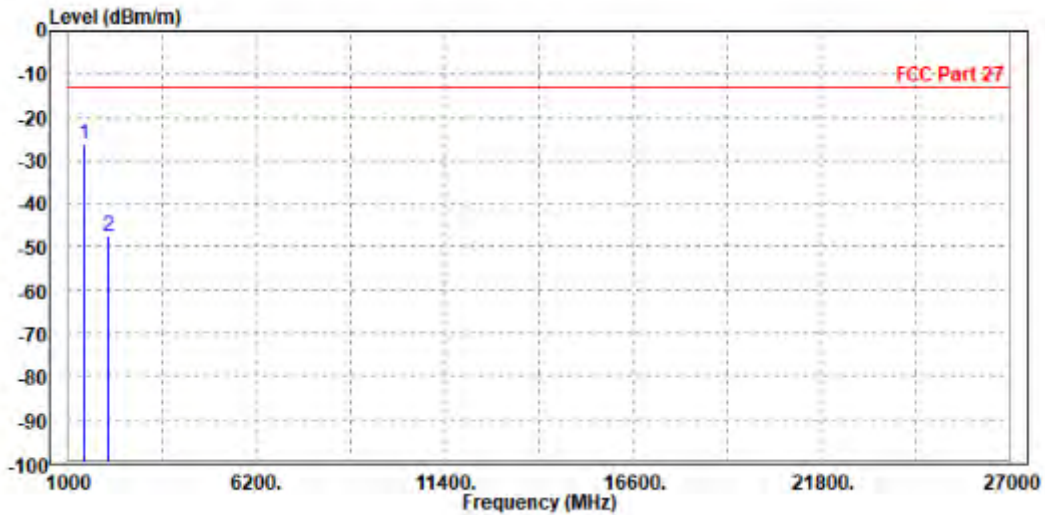




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23095	<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	1415.000	-26.41	-28.10	-13.00	-13.41	1.69	Peak	Vertical
2	2118.000	-47.64	-54.32	-13.00	-34.64	6.68	Peak	Vertical



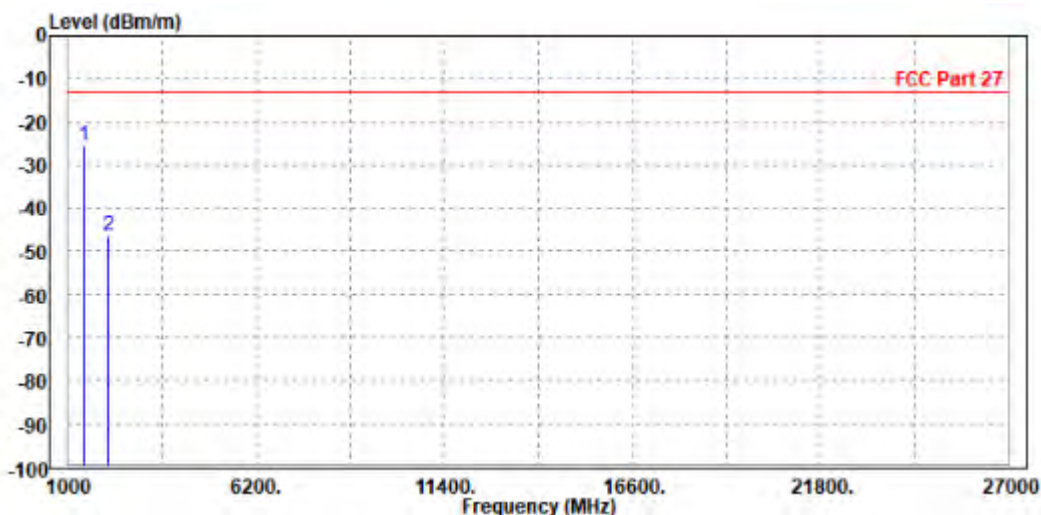


Test Report No.: W7L-P22030026-2RF05

**CHANNEL BANDWIDTH: 5MHz / QPSK**

<b>MODE</b>	TX channel 23095	<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 1415.000	-25.38	-26.45	-13.00	-12.38	1.07	Peak	Horizontal
2	2118.000	-46.40	-54.07	-13.00	-33.40	7.67	Peak	Horizontal

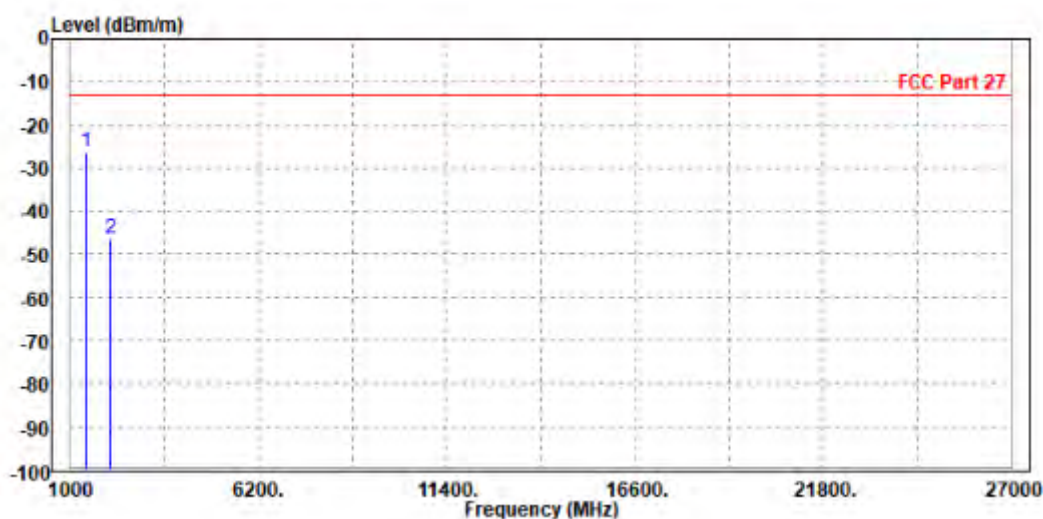




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23095	<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 1416.000	-26.20	-27.89	-13.00	-13.20	1.69	Peak	Vertical
2	2122.500	-46.43	-53.12	-13.00	-33.43	6.69	Peak	Vertical





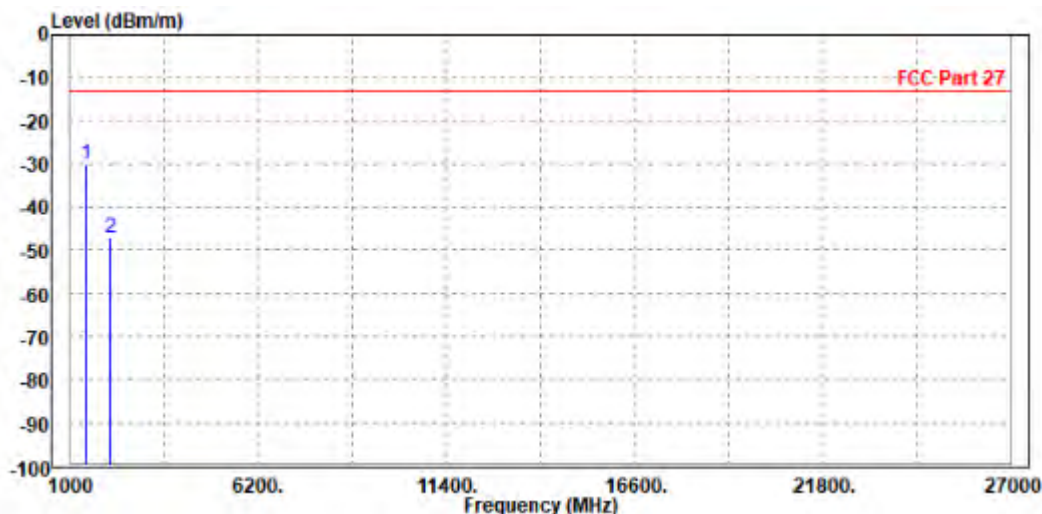


Test Report No.: W7L-P22030026-2RF05

CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 23095	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	1416.000	-30.13	-31.21	-13.00	-17.13	1.08	Peak	Horizontal
2	2122.500	-47.15	-54.82	-13.00	-34.15	7.67	Peak	Horizontal

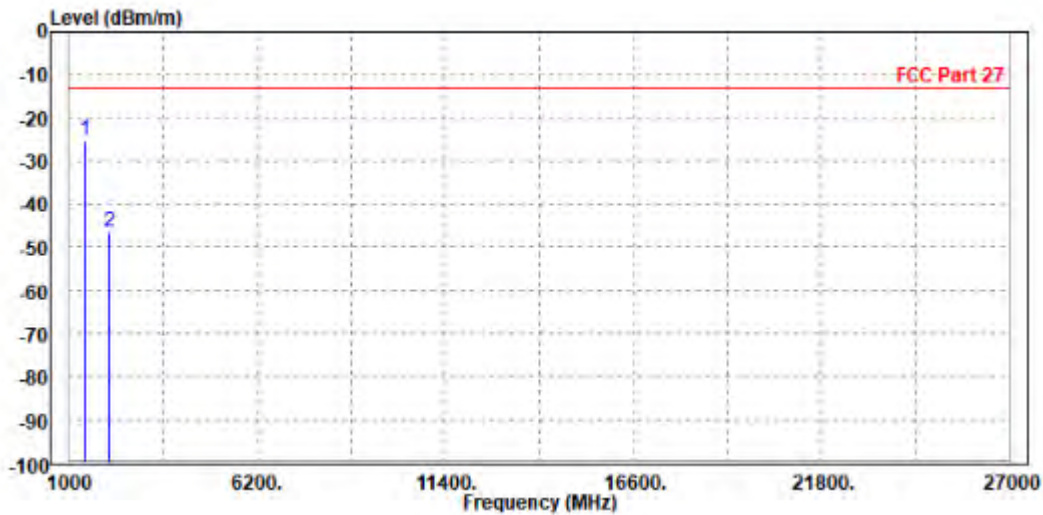




Test Report No.: W7L-P22030026-2RF05

MODE	TX channel 23095	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	1415.000	-25.20	-26.89	-13.00	-12.20	1.69	Peak	Vertical
2	2118.000	-46.26	-52.94	-13.00	-33.26	6.68	Peak	Vertical





Test Report No.: W7L-P22030026-2RF05

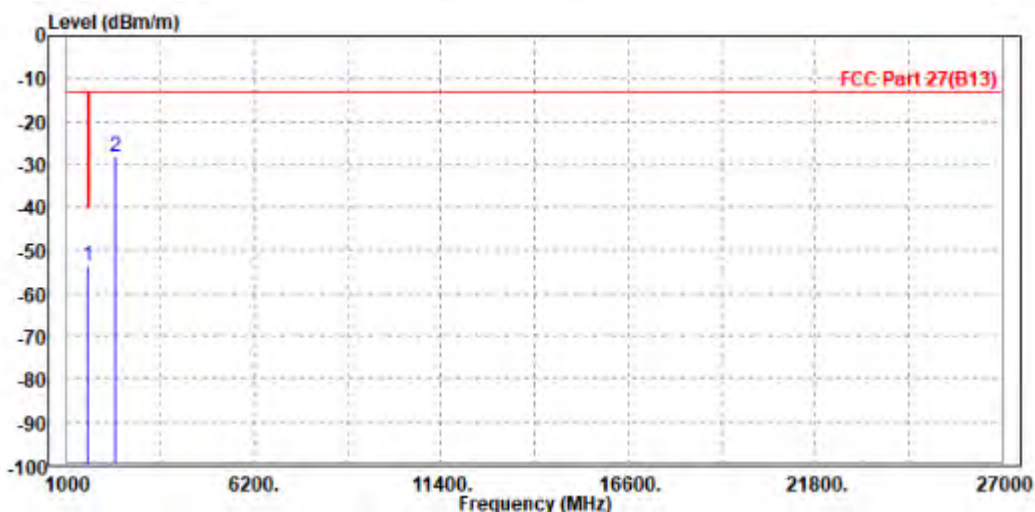
LTE B13

CHANNEL BANDWIDTH: 5MHz / QPSK

CH23205

MODE	TX channel 23205	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	PP 1559.000	-53.59	-55.76	-40.00	-13.59	2.17	Peak	Horizontal
2	2338.500	-28.05	-35.94	-13.00	-15.05	7.89	Peak	Horizontal

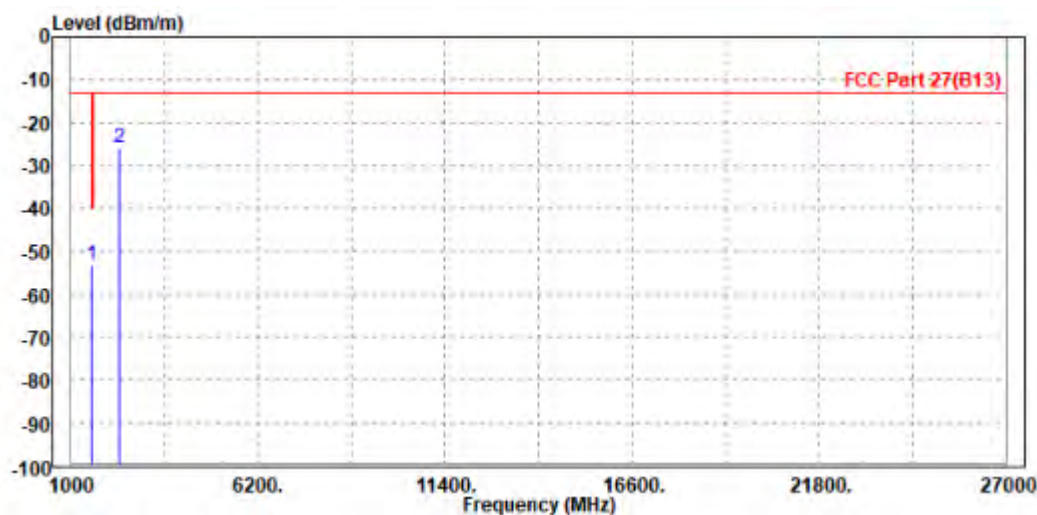




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23205	<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	1572.000	-53.36	-56.06	-40.00	-13.36	2.70	Peak	Vertical
2 PP	2326.000	-25.95	-32.84	-13.00	-12.95	6.89	Peak	Vertical



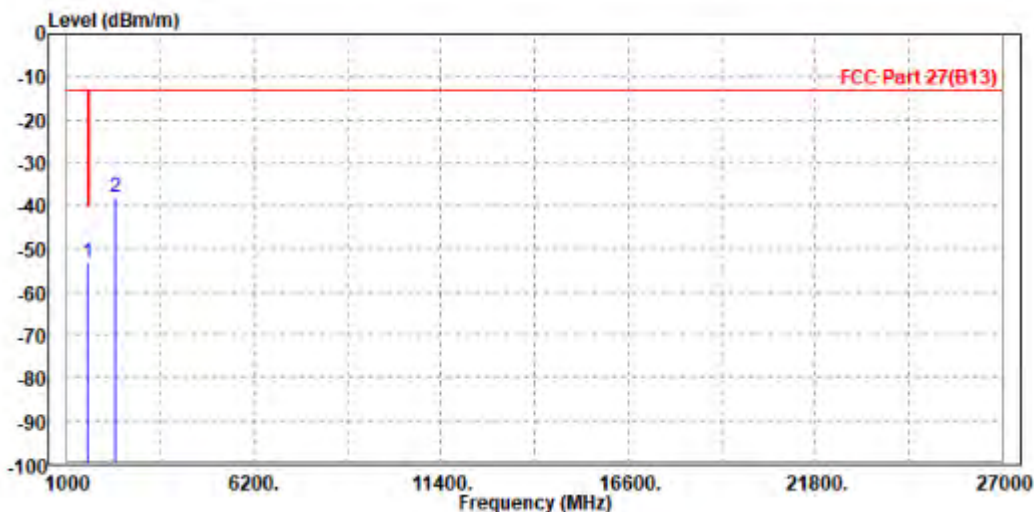


Test Report No.: W7L-P22030026-2RF05

CH23230

MODE	TX channel 23230	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	PP 1572.000	-53.11	-55.43	-40.00	-13.11	2.32	Peak	Horizontal
2	2346.000	-37.87	-45.77	-13.00	-24.87	7.90	Peak	Horizontal

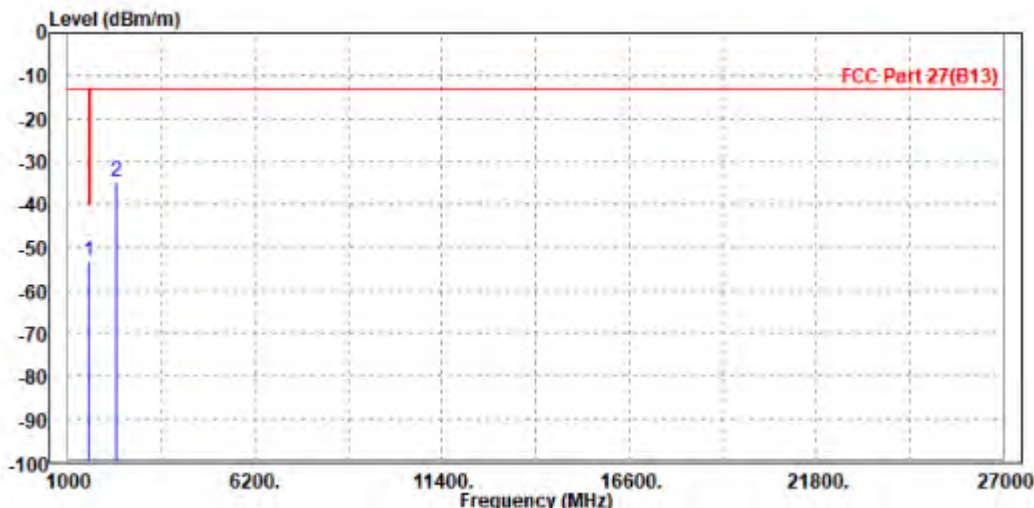




Test Report No.: W7L-P22030026-2RF05

MODE	TX channel 23230	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: 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 1572.000	-53.39	-56.09	-40.00	-13.39	2.70	Peak	Vertical
2	2346.000	-34.56	-41.47	-13.00	-21.56	6.91	Peak	Vertical



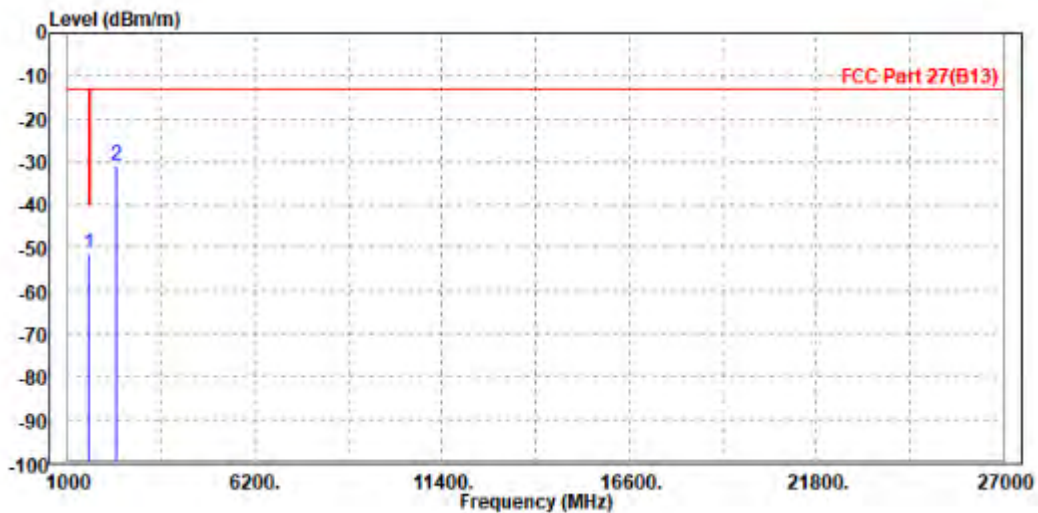


Test Report No.: W7L-P22030026-2RF05

CH23255

<b>MODE</b>	TX channel 23255	<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 1572.000	-51.38	-53.70	-40.00	-11.38	2.32	Peak	Horizontal
2	2353.500	-30.67	-38.57	-13.00	-17.67	7.90	Peak	Horizontal

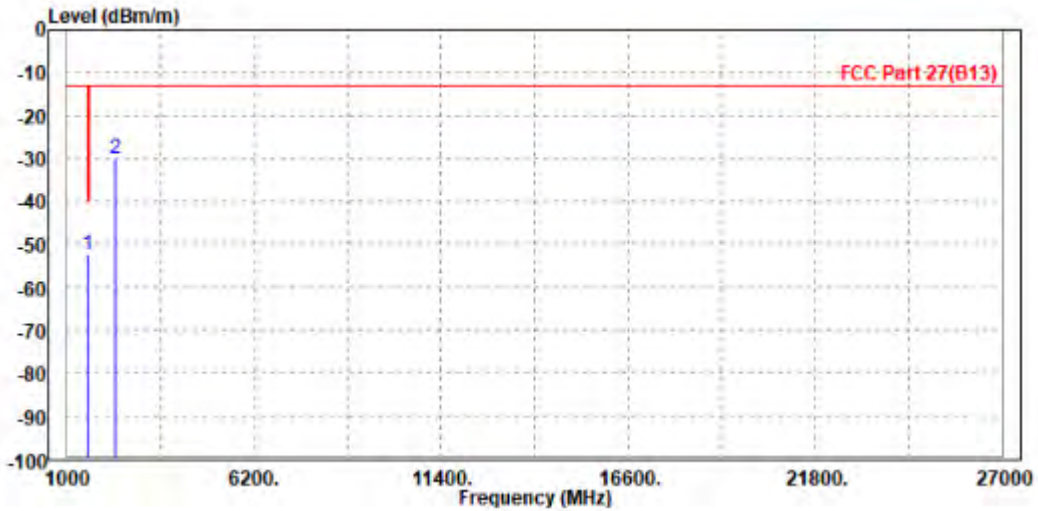




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23255	<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
	MHz	dBm/m	dBm	dBm/m	dB	dB/m	
1	PP 1569.000	-52.49	-55.16	-40.00	-12.49	2.67	Peak Vertical
2	2353.500	-29.98	-36.90	-13.00	-16.98	6.92	Peak Vertical





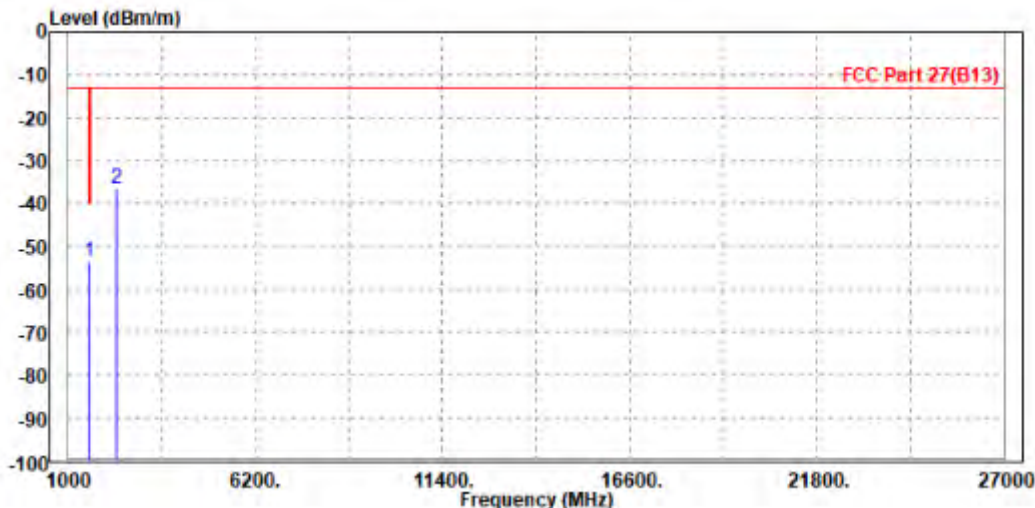


Test Report No.: W7L-P22030026-2RF05

**CHANNEL BANDWIDTH: 10MHz /QPSK**

<b>MODE</b>	TX channel 23230	<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 1572.000	-53.74	-56.06	-40.00	-13.74	2.32	Peak	Horizontal
2	2346.000	-36.32	-44.22	-13.00	-23.32	7.90	Peak	Horizontal

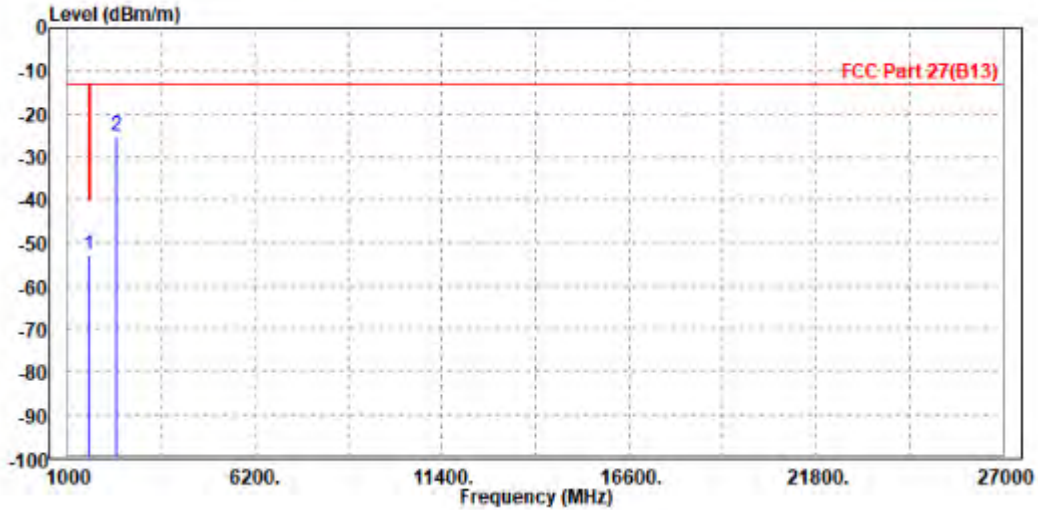




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23230	<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	1572.000	-53.04	-55.74	-40.00	-13.04	2.70	Peak	Vertical
2 PP	2346.000	-25.03	-31.94	-13.00	-12.03	6.91	Peak	Vertical





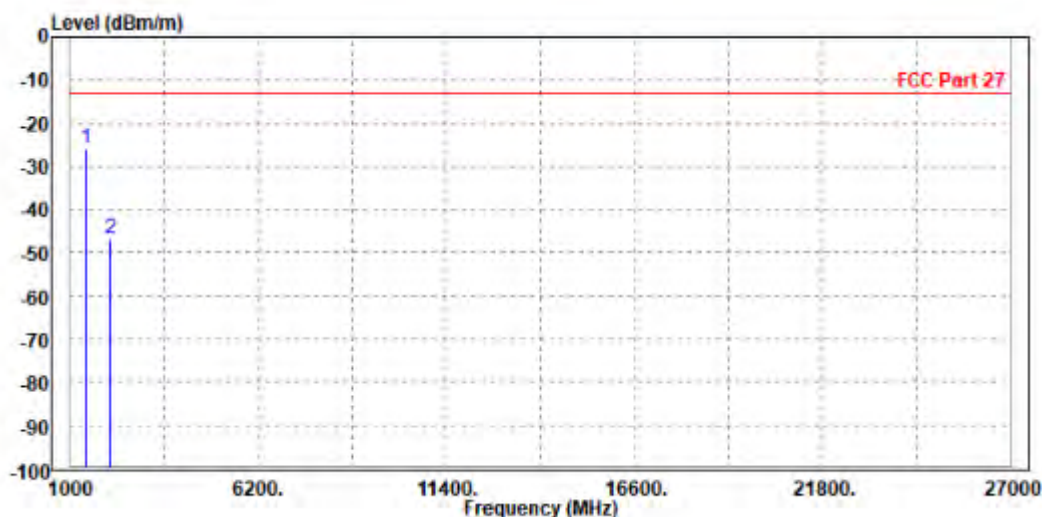
Test Report No.: W7L-P22030026-2RF05

LTE B17

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 23790	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	PP 1416.000	-25.67	-26.75	-13.00	-12.67	1.08	Peak	Horizontal
2	2130.000	-46.84	-54.52	-13.00	-33.84	7.68	Peak	Horizontal

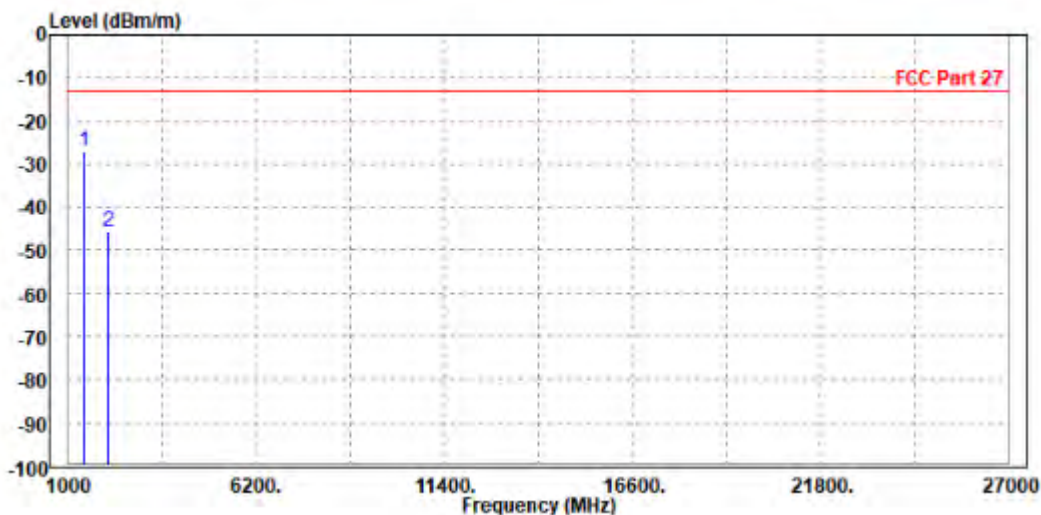




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23790	<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 1416.000	-27.06	-28.75	-13.00	-14.06	1.69	Peak	Vertical
2	2130.000	-45.48	-52.18	-13.00	-32.48	6.70	Peak	Vertical





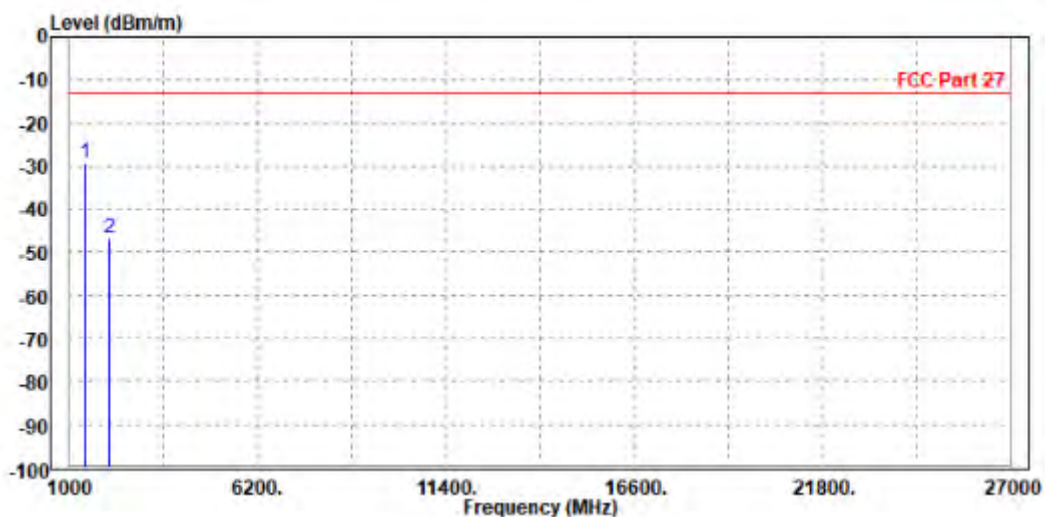
Test Report No.: W7L-P22030026-2RF05

CHANNEL BANDWIDTH: 10MHz / QPSK

CH23780

MODE	TX channel 23780	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	PP 1416.000	-29.21	-30.29	-13.00	-16.21	1.08	Peak	Horizontal
2	2127.000	-46.78	-54.45	-13.00	-33.78	7.67	Peak	Horizontal

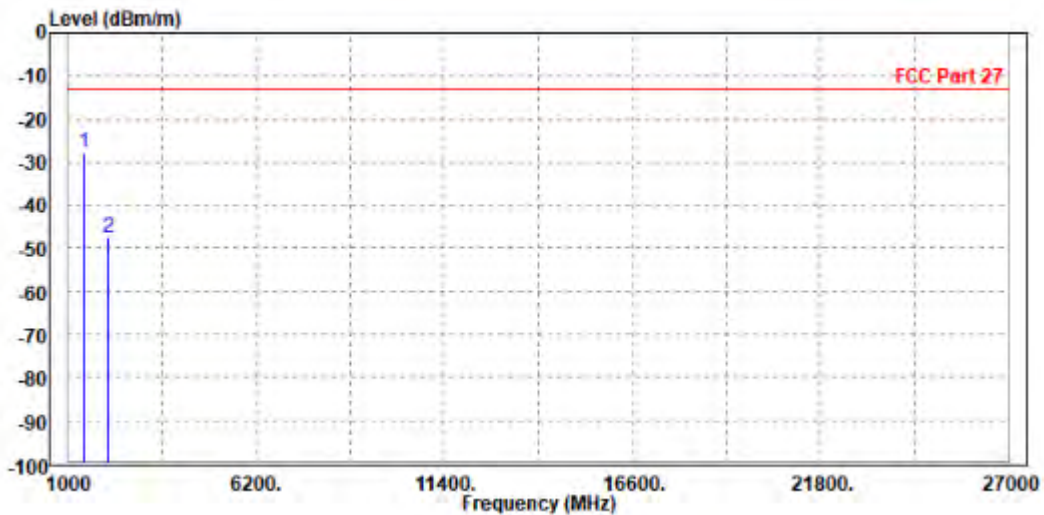




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23780	<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 1418.000	-27.60	-29.30	-13.00	-14.60	1.70	Peak	Vertical
2	2118.000	-47.68	-54.36	-13.00	-34.68	6.68	Peak	Vertical



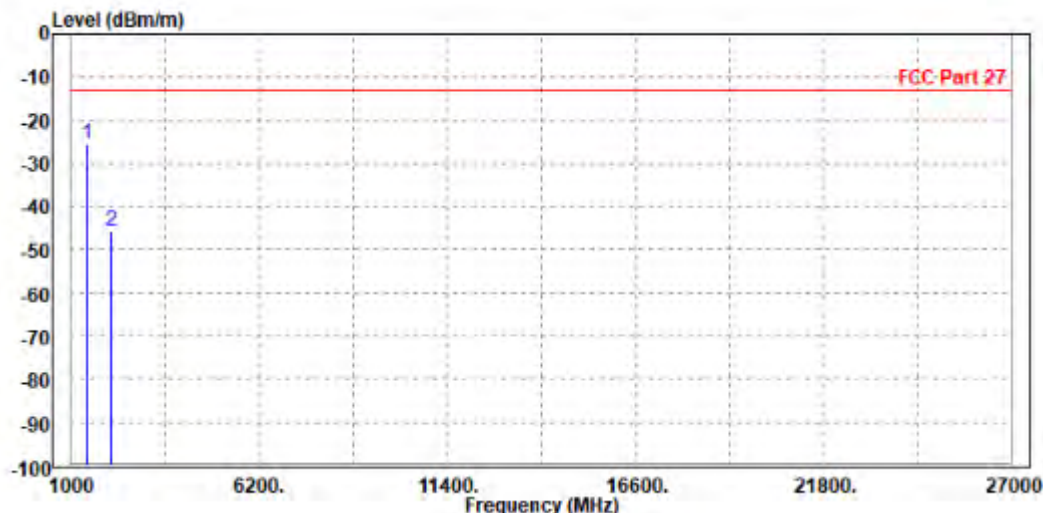


Test Report No.: W7L-P22030026-2RF05

CH23790

MODE	TX channel 23790	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	PP 1416.000	-25.57	-26.65	-13.00	-12.57	1.08	Peak	Horizontal
2	2130.000	-45.56	-53.24	-13.00	-32.56	7.68	Peak	Horizontal

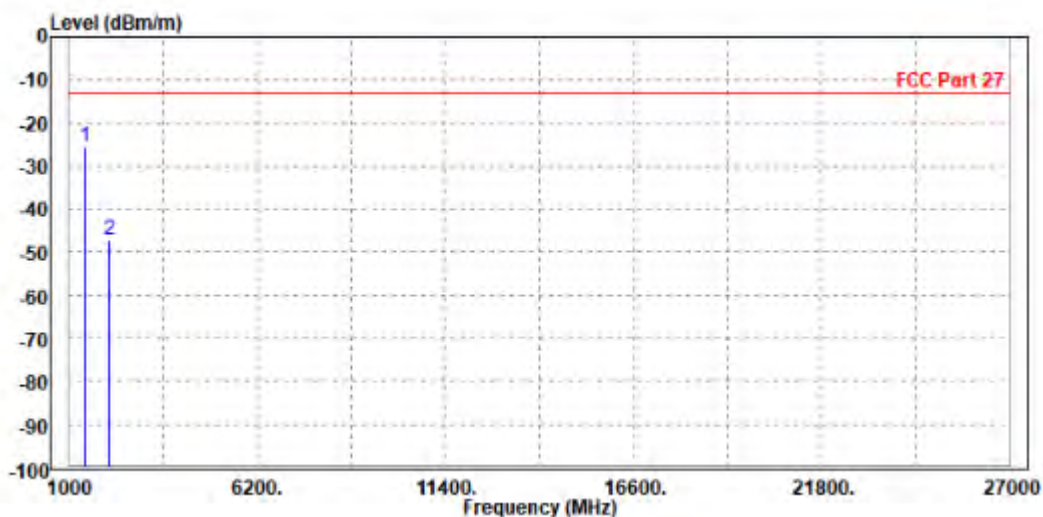




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23790	<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 1420.000	-25.53	-27.24	-13.00	-12.53	1.71	Peak	Vertical
2	2118.000	-47.21	-53.89	-13.00	-34.21	6.68	Peak	Vertical





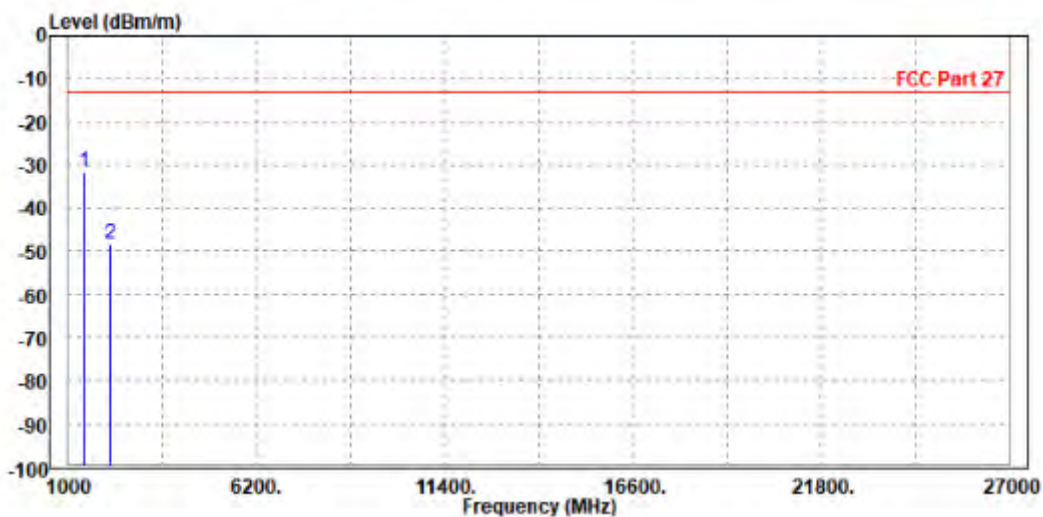


Test Report No.: W7L-P22030026-2RF05

CH23800

MODE	TX channel 23800	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	PP 1422.000	-31.75	-32.86	-13.00	-18.75	1.11	Peak	Horizontal
2	2144.000	-48.11	-55.80	-13.00	-35.11	7.69	Peak	Horizontal

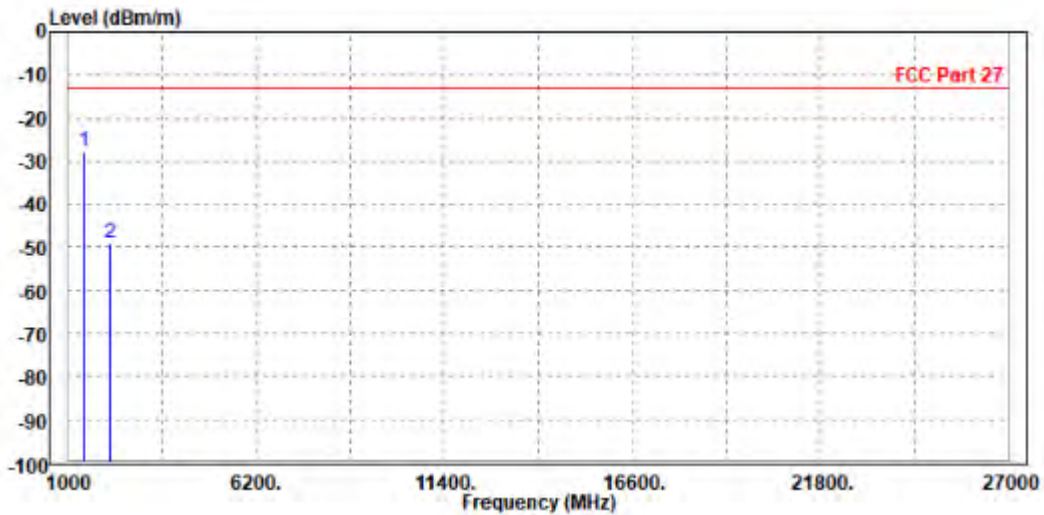




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 23800	<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	1416.000	-27.73	-29.42	-13.00	-14.73	1.69	Peak	Vertical
2	2133.000	-48.95	-55.65	-13.00	-35.95	6.70	Peak	Vertical





Test Report No.: W7L-P22030026-2RF05

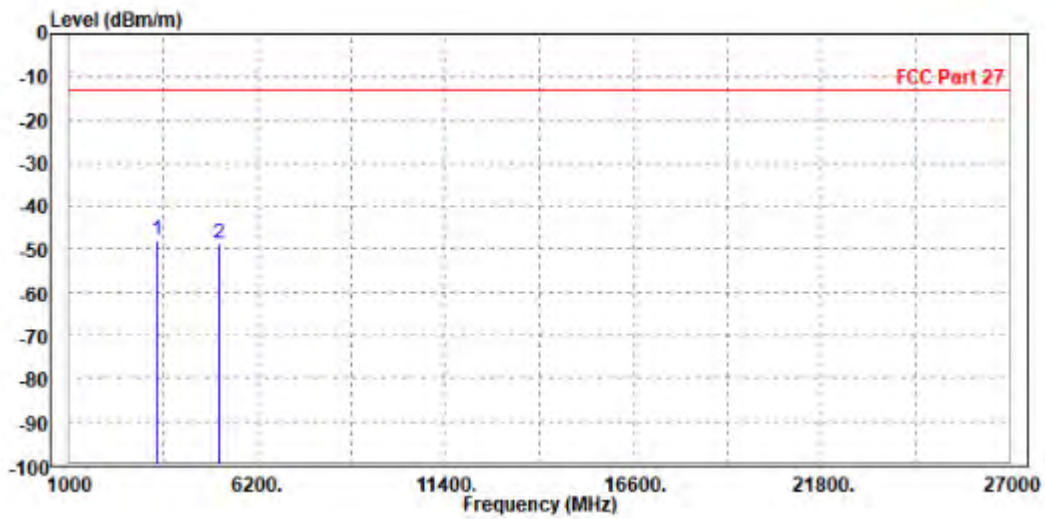
LTE B66

CHANNEL BANDWIDTH: 1.4MHz / QPSK

CH131979

MODE	TX channel 131979	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	PP 3418.000	-48.01	-56.60	-13.00	-35.01	8.59	Peak	Horizontal
2	5132.100	-48.67	-57.59	-13.00	-35.67	8.92	Peak	Horizontal

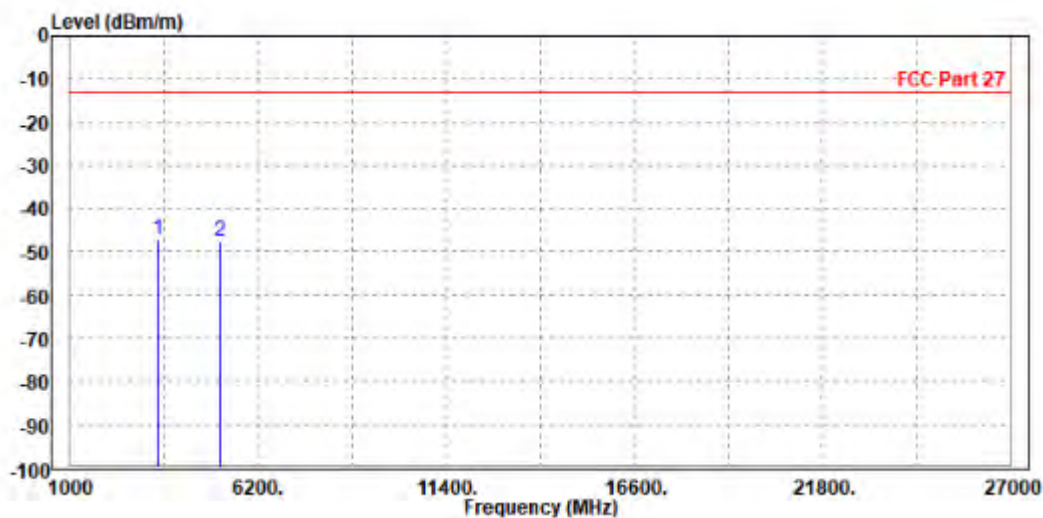




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 131979	<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 3418.000	-47.05	-56.16	-13.00	-34.05	9.11	Peak	Vertical
2	5132.100	-47.49	-57.34	-13.00	-34.49	9.85	Peak	Vertical





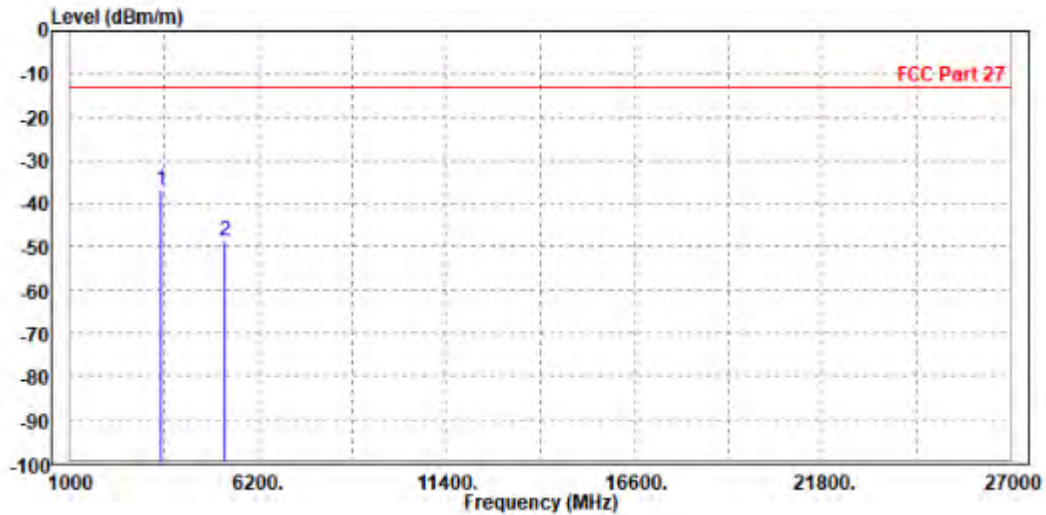
**BUREAU  
VERITAS**

Test Report No.: W7L-P22030026-2RF05

CH132322

<b>MODE</b>	TX channel 132322	<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 3522.000	-36.91	-45.51	-13.00	-23.91	8.60	Peak	Horizontal
2	5265.000	-48.58	-57.90	-13.00	-35.58	9.32	Peak	Horizontal

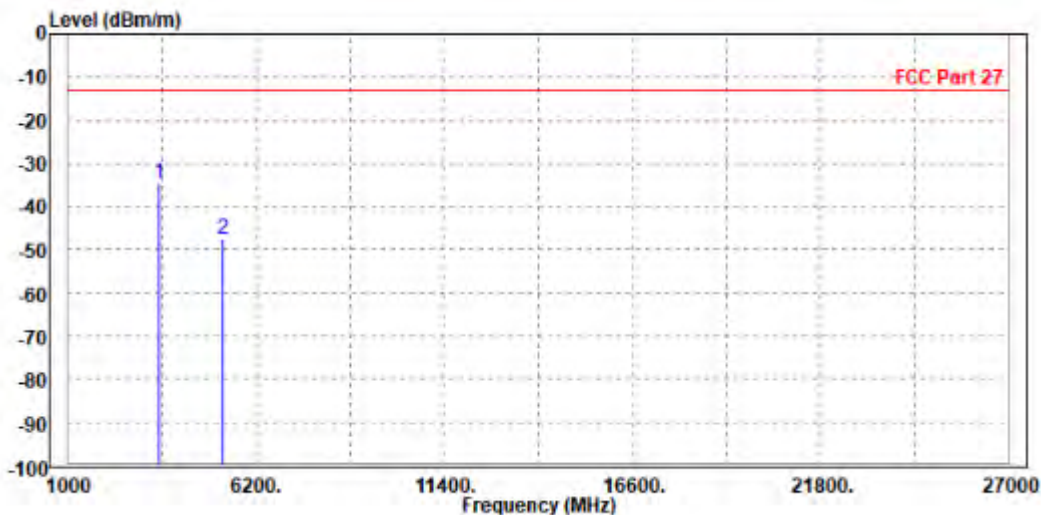




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 132322	<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	3522.000	-34.77	-43.97	-13.00	-21.77	9.20	Peak	Vertical
2	5265.000	-47.49	-57.29	-13.00	-34.49	9.80	Peak	Vertical



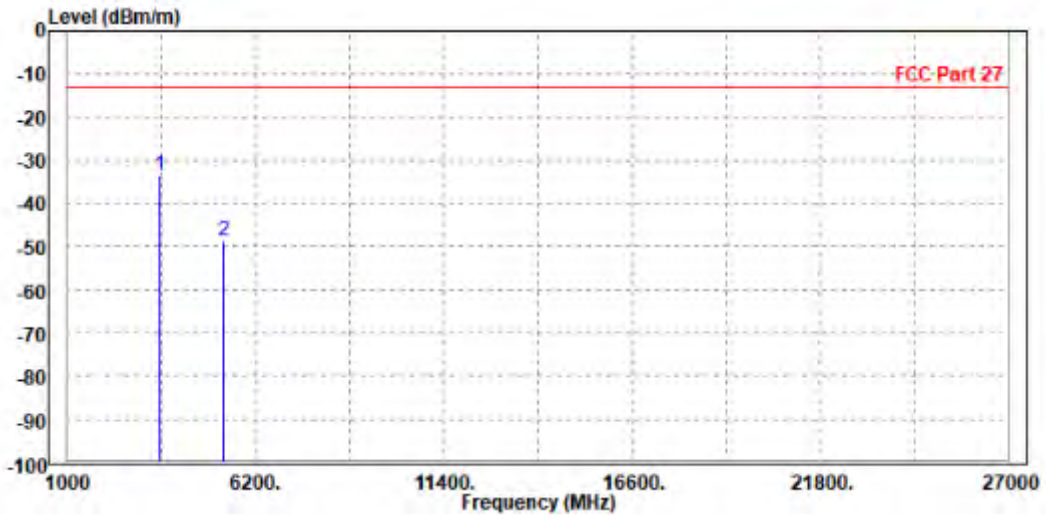


Test Report No.: W7L-P22030026-2RF05

CH132665

<b>MODE</b>	TX channel 132665	<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 3548.000	-33.35	-41.97	-13.00	-20.35	8.62	Peak	Horizontal
2	5337.900	-48.61	-58.15	-13.00	-35.61	9.54	Peak	Horizontal

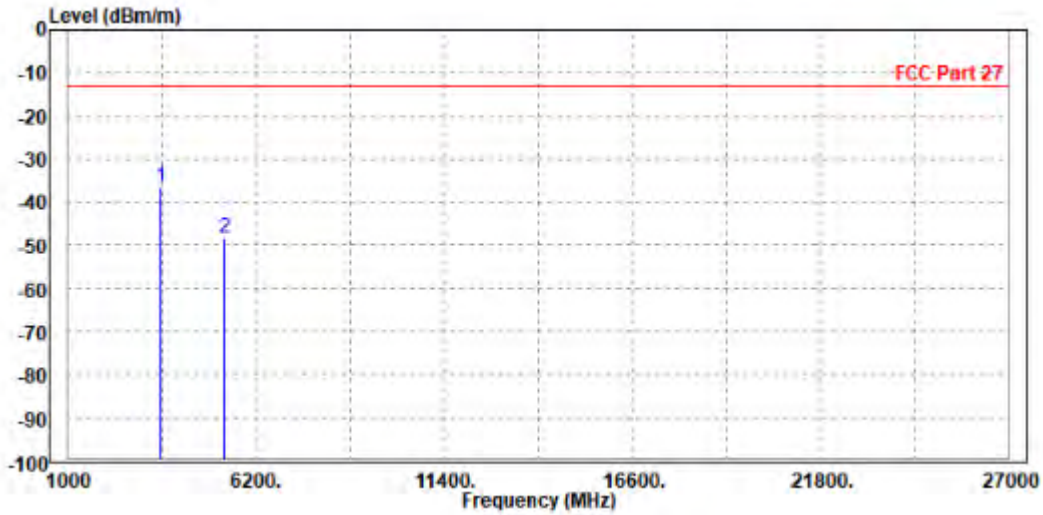




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 132665	<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 3548.000	-36.54	-45.75	-13.00	-23.54	9.21	Peak	Vertical
2	5337.900	-48.35	-58.12	-13.00	-35.35	9.77	Peak	Vertical





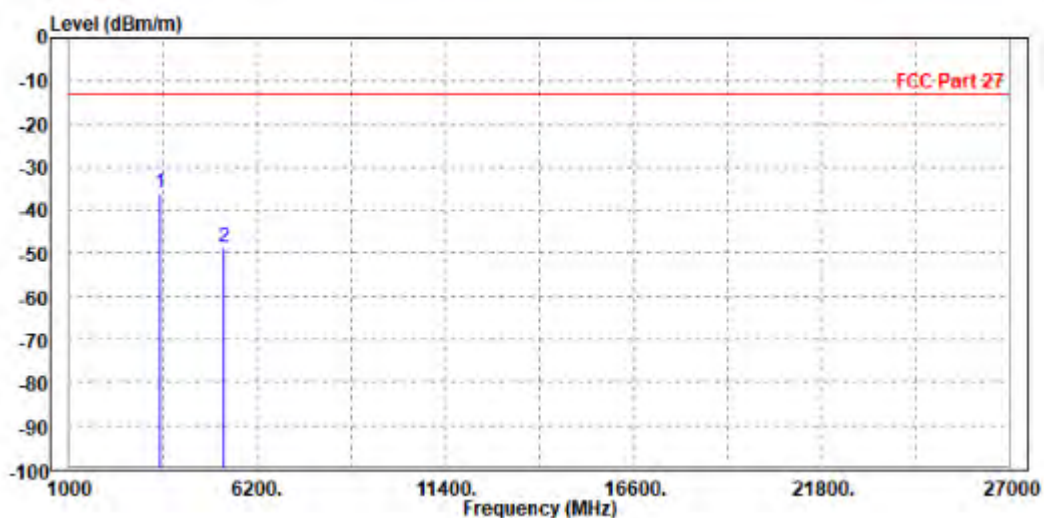


Test Report No.: W7L-P22030026-2RF05

CHANNEL BANDWIDTH: 3MHz / QPSK

MODE	TX channel 132322	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	PP 3522.000	-36.03	-44.63	-13.00	-23.03	8.60	Peak	Horizontal
2	5265.000	-48.72	-58.04	-13.00	-35.72	9.32	Peak	Horizontal

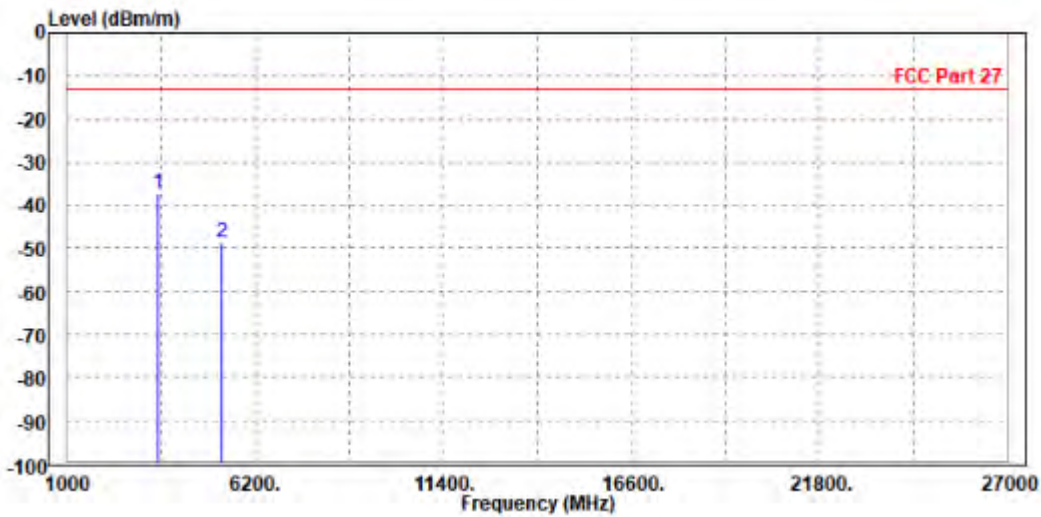




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 132322	<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 3522.000	-37.37	-46.57	-13.00	-24.37	9.20	Peak	Vertical
2	5265.000	-48.60	-58.40	-13.00	-35.60	9.80	Peak	Vertical





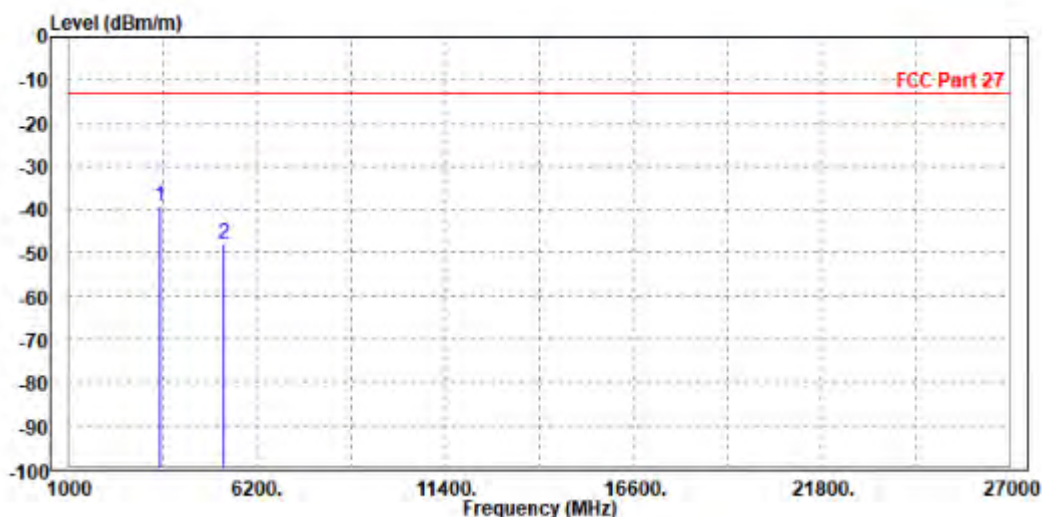
Test Report No.: W7L-P22030026-2RF05

CHANNEL BANDWIDTH: 5MHz / QPSK

CH132322

MODE	TX channel 132322	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	PP 3522.000	-39.35	-47.95	-13.00	-26.35	8.60	Peak	Horizontal
2	5265.000	-47.82	-57.14	-13.00	-34.82	9.32	Peak	Horizontal

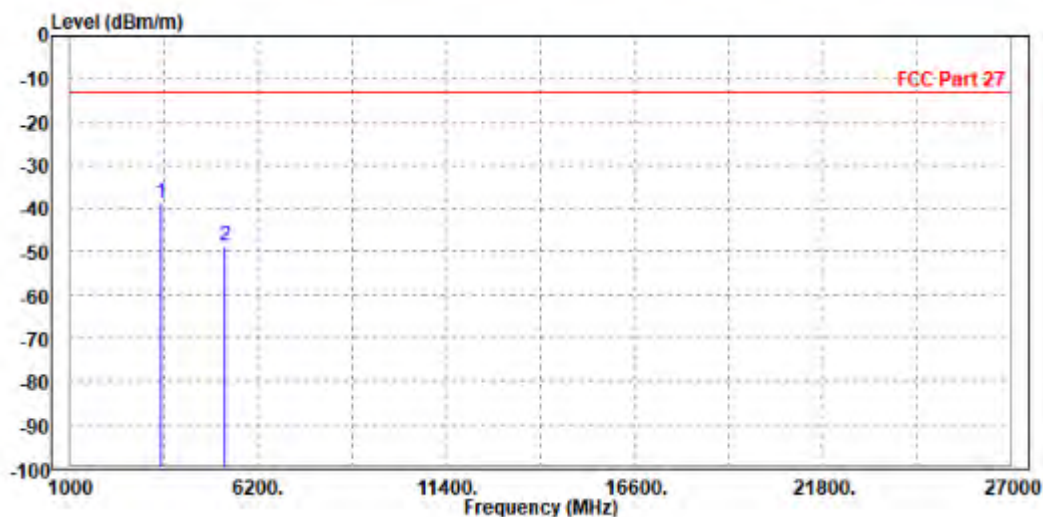




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 132322	<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 3522.000	-38.87	-48.07	-13.00	-25.87	9.20	Peak	Vertical
2	5265.000	-48.57	-58.37	-13.00	-35.57	9.80	Peak	Vertical





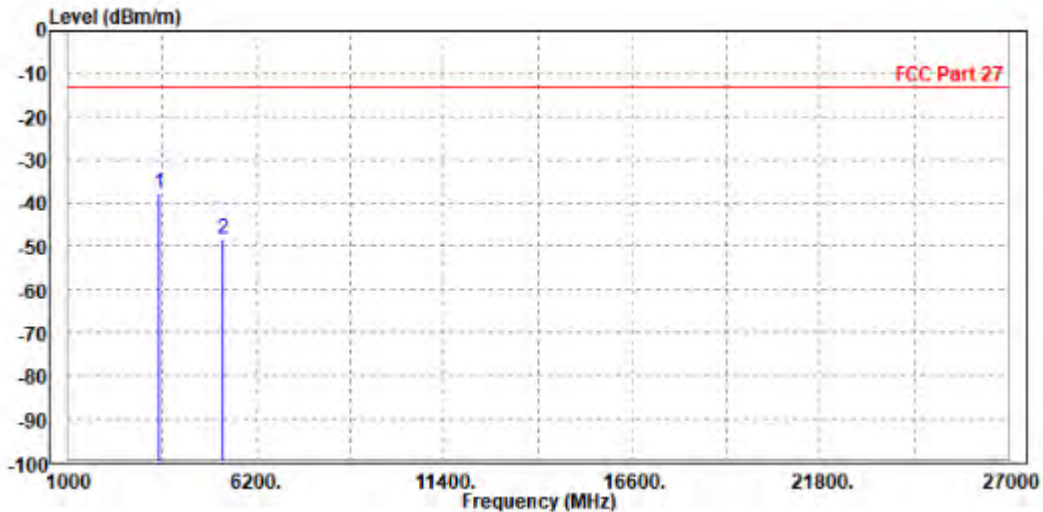
Test Report No.: W7L-P22030026-2RF05

CHANNEL BANDWIDTH: 10MHz / QPSK

CH132322

MODE	TX channel 132322	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	PP 3522.000	-37.62	-46.22	-13.00	-24.62	8.60	Peak	Horizontal
2	5265.000	-48.30	-57.62	-13.00	-35.30	9.32	Peak	Horizontal

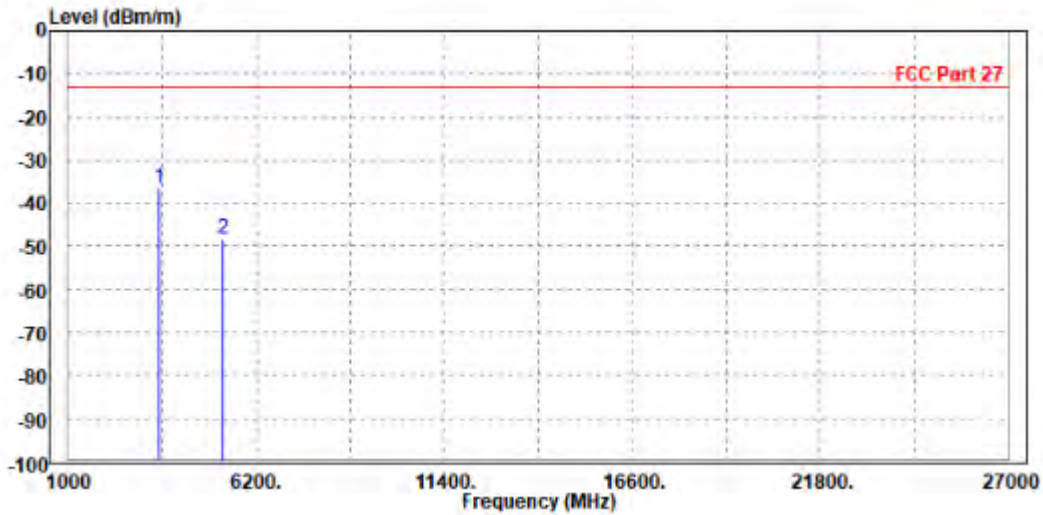




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 132322	<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 3522.000	-36.58	-45.78	-13.00	-23.58	9.20	Peak	Vertical
2	5265.000	-48.21	-58.01	-13.00	-35.21	9.80	Peak	Vertical



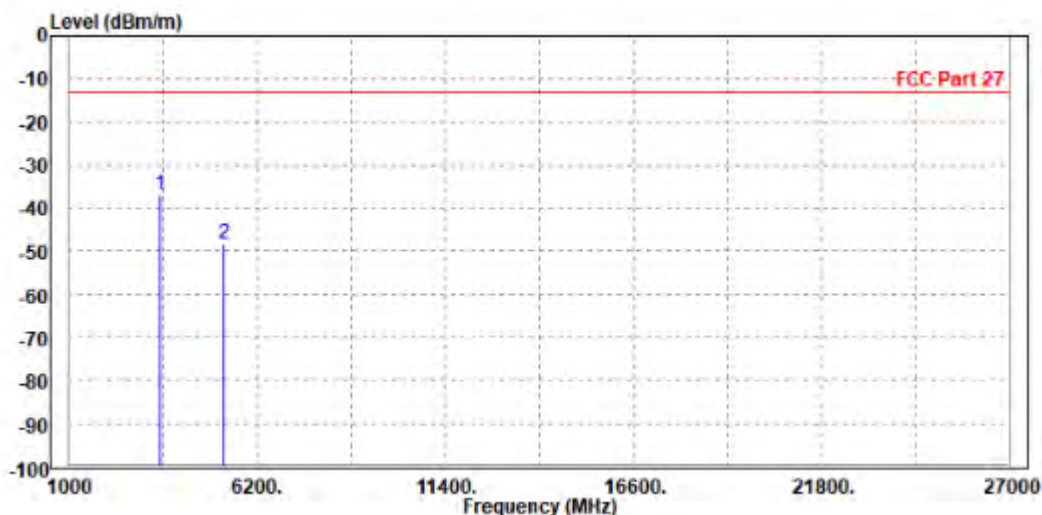


Test Report No.: W7L-P22030026-2RF05

**CHANNEL BANDWIDTH: 15MHz / QPSK**

<b>MODE</b>	TX channel 132322	<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 3522.000	-36.94	-45.54	-13.00	-23.94	8.60	Peak	Horizontal
2	5265.000	-48.10	-57.42	-13.00	-35.10	9.32	Peak	Horizontal

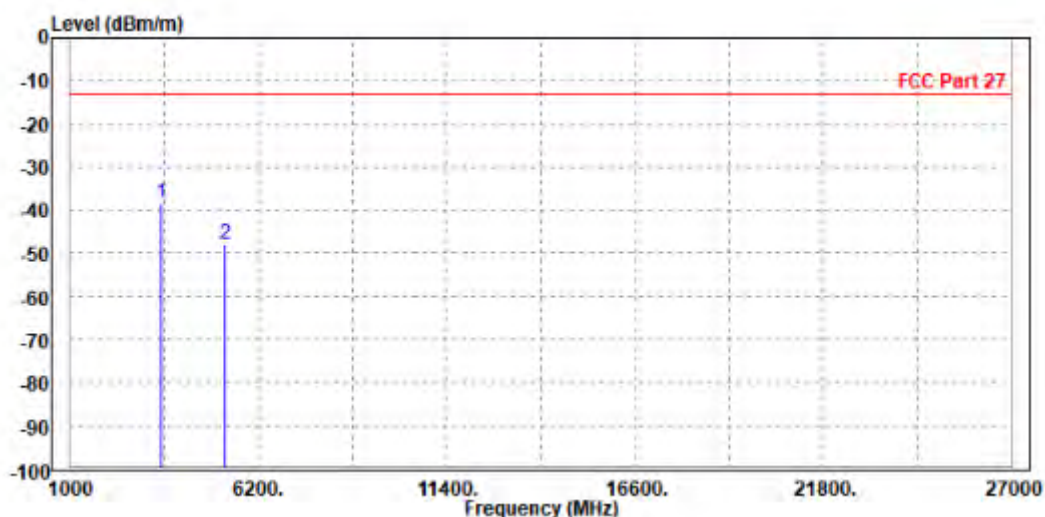




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 132322	<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 3522.000	-38.30	-47.50	-13.00	-25.30	9.20	Peak	Vertical
2	5265.000	-47.91	-57.71	-13.00	-34.91	9.80	Peak	Vertical





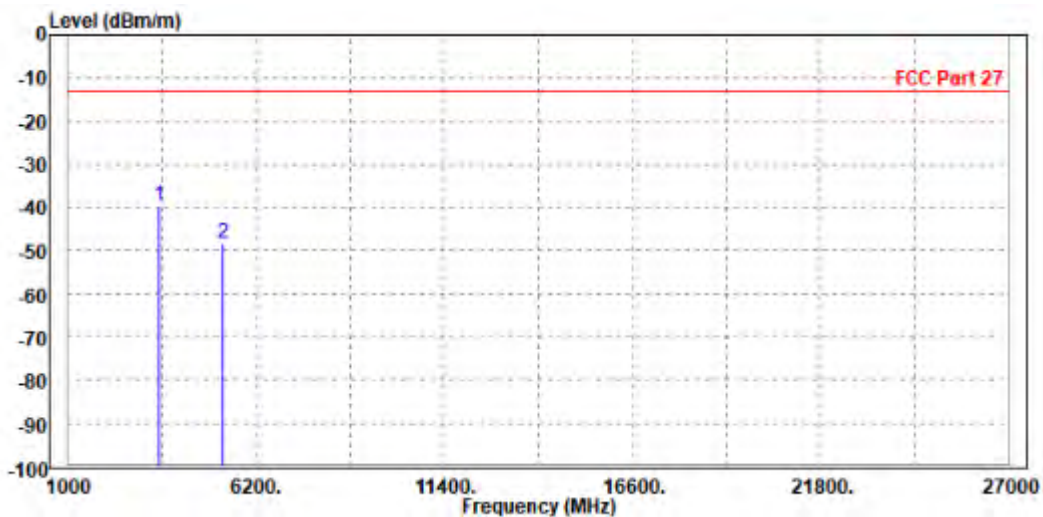


Test Report No.: W7L-P22030026-2RF05

**CHANNEL BANDWIDTH: 20MHz / QPSK**

<b>MODE</b>	TX channel 132322	<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 3522.000	-39.68	-48.28	-13.00	-26.68	8.60	Peak	Horizontal
2	5265.000	-48.15	-57.47	-13.00	-35.15	9.32	Peak	Horizontal

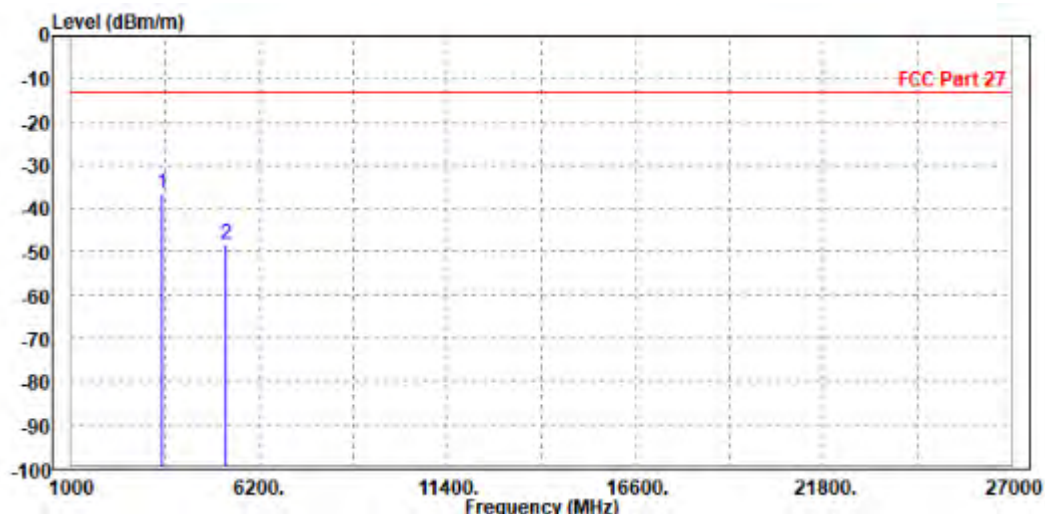




Test Report No.: W7L-P22030026-2RF05

<b>MODE</b>	TX channel 132322	<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 3522.000	-36.51	-45.71	-13.00	-23.51	9.20	Peak	Vertical
2	5265.000	-48.12	-57.92	-13.00	-35.12	9.80	Peak	Vertical

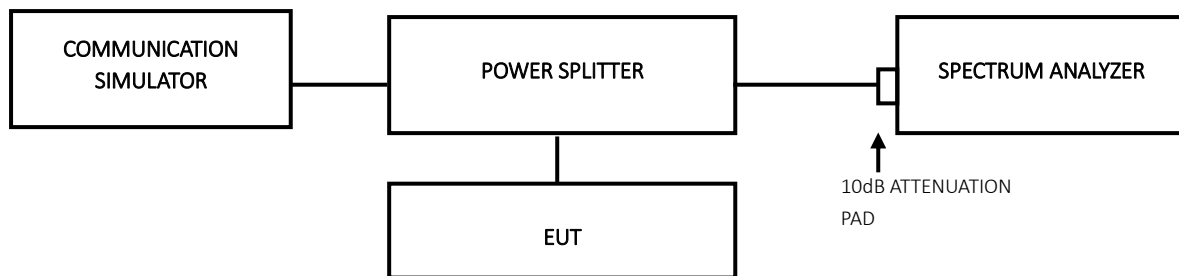


### 3.7 PEAK TO AVERAGE RATIO

#### 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 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@cn.bureauveritas.com](mailto:customerservice.sw@cn.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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## 5 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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## 6 Appendix

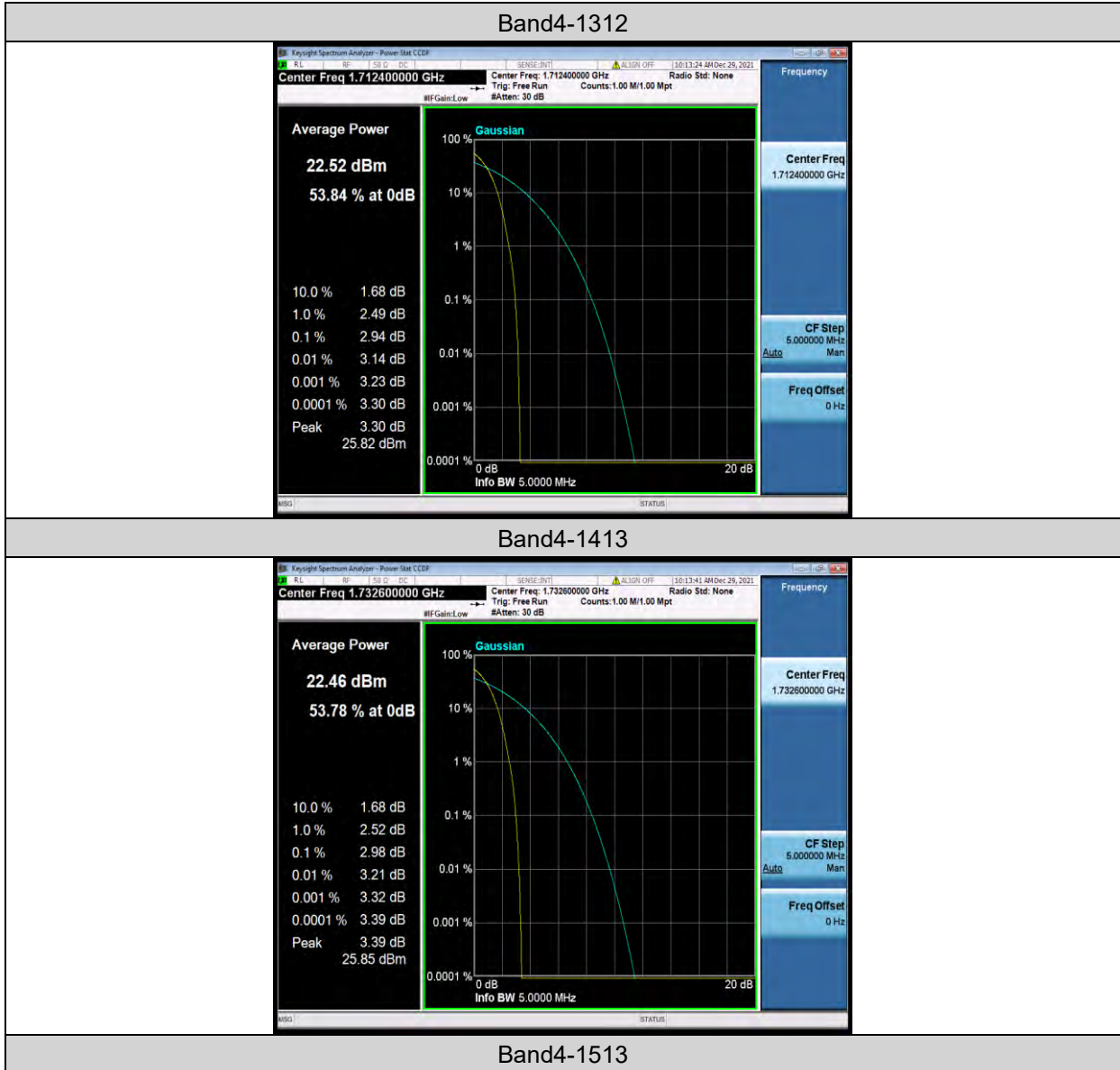
### WCDMA B4

#### PEAK-TO-AVERAGE RATIO

##### Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band4	1312	2.94	13	PASS
Band4	1413	2.98	13	PASS
Band4	1513	2.71	13	PASS

### Test Graphs







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## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band4	1312	4.1638	4.693	---	PASS
Band4	1413	4.1642	4.689	---	PASS
Band4	1513	4.1679	4.693	---	PASS



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### Test Graphs





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## BAND EDGE

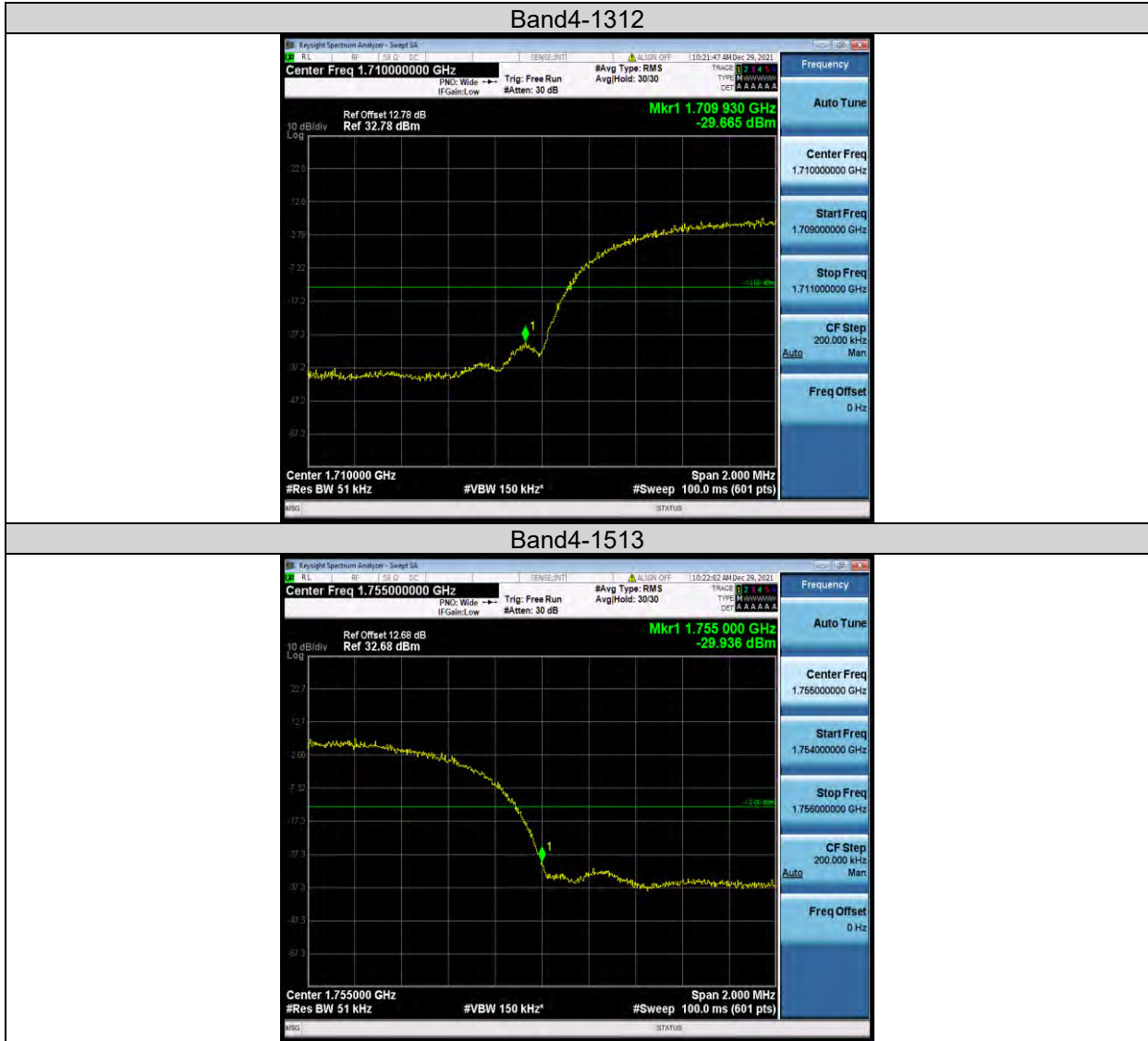
### Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1709.93	-29.66	-13	PASS
Band4	1513	1755.00	-29.94	-13	PASS



Test Report No.: W7L-P22030026-2RF05

### Test Graphs





Test Report No.: W7L-P22030026-2RF05

## CONDUCTED SPURIOUS EMISSION

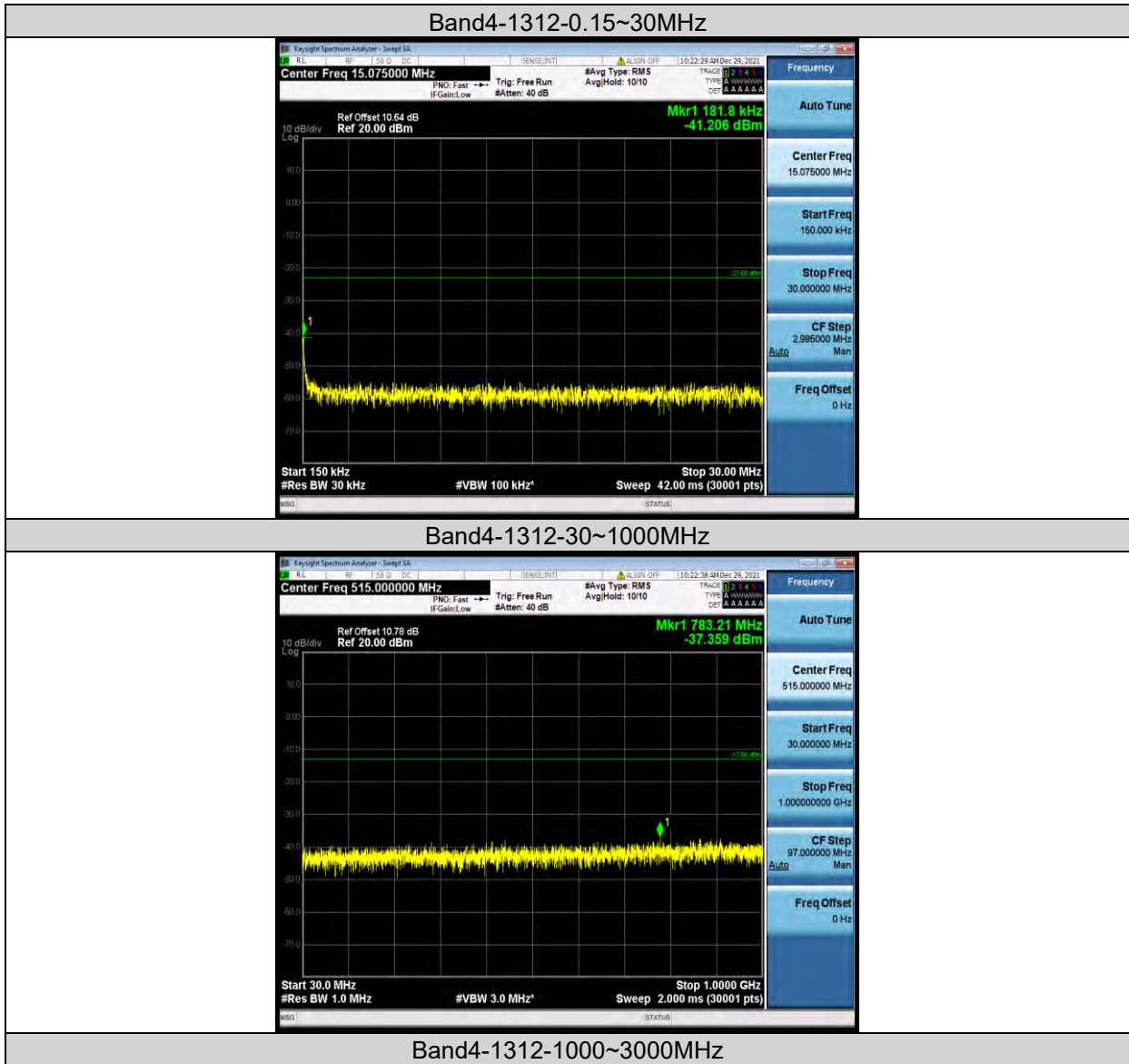
### Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.15~30MHz	0.18	-41.21	-23	PASS
Band4	1312	30~1000MHz	783.21	-37.36	-13	PASS
Band4	1312	1000~3000MHz	2652.4	-36.49	-13	PASS
Band4	1312	3000~20000MHz	19093.33	-33.3	-13	PASS
Band4	1413	0.15~30MHz	0.15	-38.68	-23	PASS
Band4	1413	30~1000MHz	896.57	-37.22	-13	PASS
Band4	1413	1000~3000MHz	2640.47	-36.43	-13	PASS
Band4	1413	3000~20000MHz	19088.23	-33.34	-13	PASS
Band4	1513	0.15~30MHz	0.15	-39.14	-23	PASS
Band4	1513	30~1000MHz	771.34	-37.48	-13	PASS
Band4	1513	1000~3000MHz	2629.73	-36.5	-13	PASS
Band4	1513	3000~20000MHz	19121.67	-33.38	-13	PASS



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### Test Graphs





BUREAU VERITAS

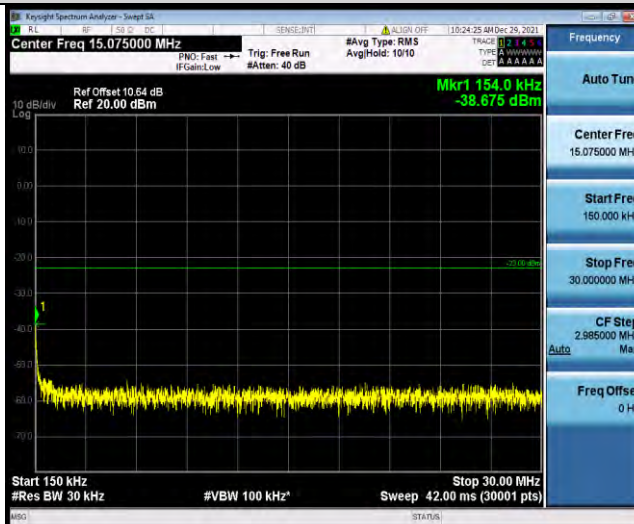
Test Report No.: W7L-P22030026-2RF05



Band4-1312-3000~20000MHz



Band4-1413-0.15~30MHz

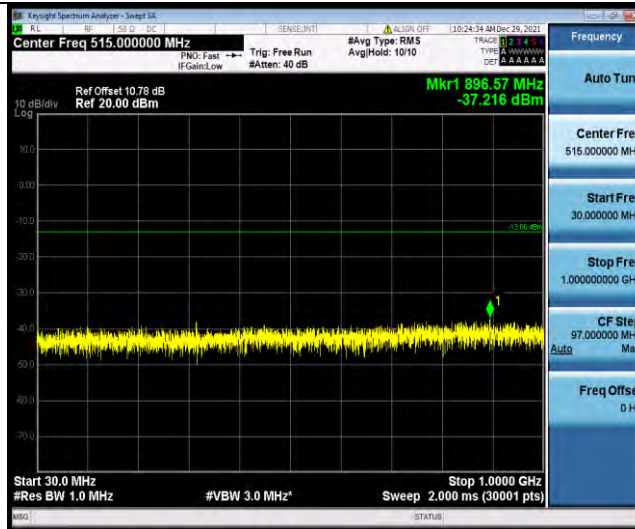


Band4-1413-30~1000MHz



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Test Report No.: W7L-P22030026-2RF05



Band4-1413-1000~3000MHz



Band4-1413-3000~20000MHz



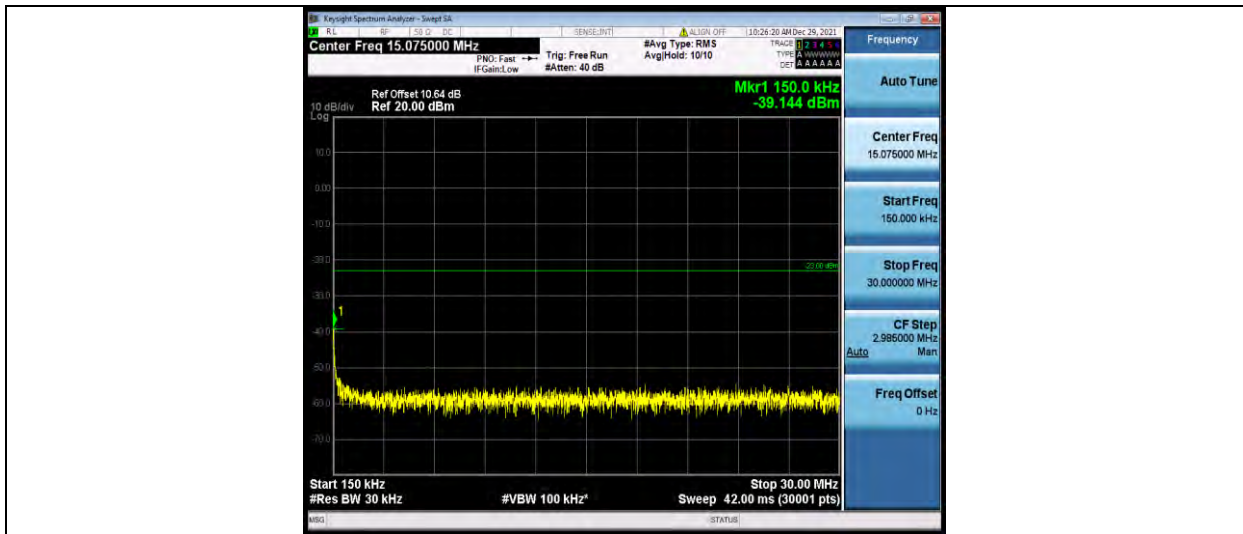
Band4-1513-0.15~30MHz



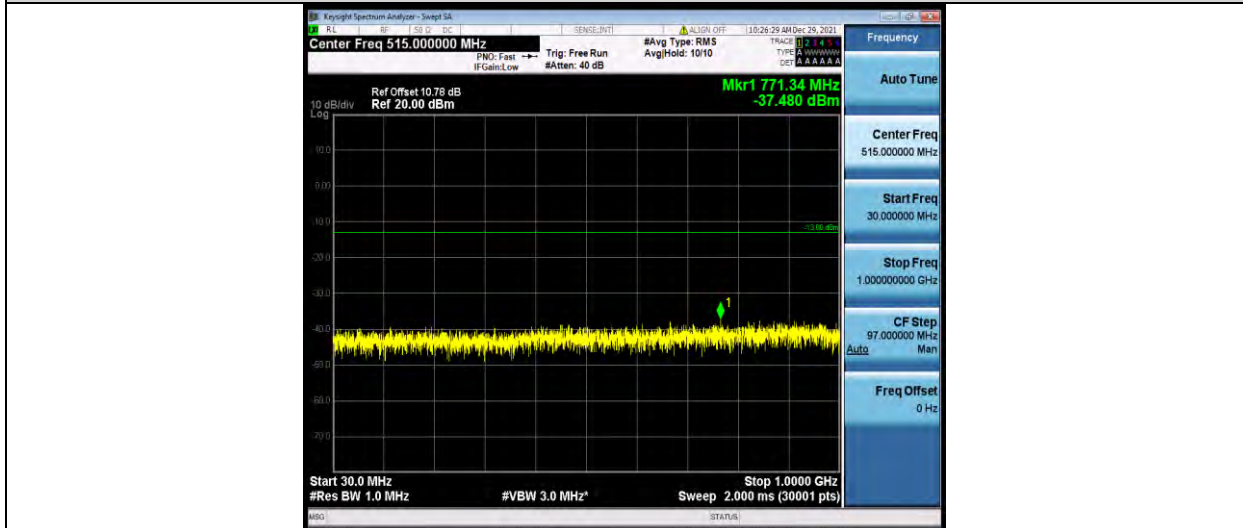


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Test Report No.: W7L-P22030026-2RF05



Band4-1513-30~1000MHz



Band4-1513-1000~3000MHz



Band4-1513-3000~20000MHz



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Test Report No.: W7L-P22030026-2RF05



## FREQUENCY STABILITY

### Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VL	NT	4.50	0.002628	±2.5	PASS
Band4	1312	VN	NT	-4.94	-0.002885	±2.5	PASS
Band4	1312	VH	NT	-0.05	-0.000029	±2.5	PASS
Band4	1413	VL	NT	-3.15	-0.001818	±2.5	PASS
Band4	1413	VN	NT	-1.95	-0.001125	±2.5	PASS
Band4	1413	VH	NT	2.27	0.001310	±2.5	PASS
Band4	1513	VL	NT	-2.27	-0.001295	±2.5	PASS
Band4	1513	VN	NT	-1.26	-0.000719	±2.5	PASS
Band4	1513	VH	NT	-3.25	-0.001854	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	-1.45	-0.000847	±2.5	PASS
Band4	1312	NV	-20	-0.24	-0.000140	±2.5	PASS
Band4	1312	NV	0	1.67	0.000975	±2.5	PASS
Band4	1312	NV	10	3.47	0.002026	±2.5	PASS
Band4	1312	NV	20	1.80	0.001051	±2.5	PASS
Band4	1312	NV	30	-10.51	-0.0127	±2.5	PASS
Band4	1312	NV	40	-9.25	-0.0112	±2.5	PASS
Band4	1312	NV	50	-8.28	-0.0100	±2.5	PASS



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Band4	1413	NV	-30	-3.33	-0.001922	±2.5	PASS
Band4	1413	NV	-20	-0.70	-0.000404	±2.5	PASS
Band4	1413	NV	0	2.14	0.001235	±2.5	PASS
Band4	1413	NV	10	3.33	0.001922	±2.5	PASS
Band4	1413	NV	20	7.26	0.004190	±2.5	PASS
Band4	1413	NV	30	-7.21	-0.0087	±2.5	PASS
Band4	1413	NV	40	-6.57	-0.0080	±2.5	PASS
Band4	1413	NV	50	-4.84	-0.0059	±2.5	PASS
Band4	1513	NV	-30	3.37	0.001923	±2.5	PASS
Band4	1513	NV	-20	4.80	0.002739	±2.5	PASS
Band4	1513	NV	0	-2.22	-0.001267	±2.5	PASS
Band4	1513	NV	10	-2.47	-0.001409	±2.5	PASS
Band4	1513	NV	20	1.70	0.000970	±2.5	PASS
Band4	1513	NV	30	-2.49	-0.0030	±2.5	PASS
Band4	1513	NV	40	-1.45	-0.0018	±2.5	PASS
Band4	1513	NV	50	-0.39	-0.0005	±2.5	PASS



### LTE BAND4

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

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.55	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.09	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.05	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.33	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.00	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.60	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.21	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.93	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	6.16	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.27	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.72	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.45	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.51	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.08	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.05	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.42	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.72	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.57	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.53	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.00	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	6.13	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.36	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.80	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.46	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.66	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.16	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.40	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.39	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.11	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.59	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.64	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.98	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	6.07	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.17	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.68	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.39	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.47	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.37	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.20	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.41	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.96	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.65	13	PASS



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Band4	10MHz	16QAM	20000	1RB#0	5.45	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.16	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.18	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.24	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.97	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.54	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.52	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.74	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.13	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.72	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.36	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.13	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.44	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.31	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.20	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.36	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.28	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.80	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.39	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.60	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.16	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.57	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.61	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.29	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.17	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.35	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	6.32	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.30	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.76	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.02	13	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	5.81	13	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	6.10	13	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	6.11	13	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	6.35	13	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	5.42	13	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	6.08	13	PASS
Band4	3MHz	64QAM	19965	1RB#0	5.75	13	PASS
Band4	3MHz	64QAM	19965	15RB#0	6.22	13	PASS
Band4	3MHz	64QAM	20175	1RB#0	6.39	13	PASS
Band4	3MHz	64QAM	20175	15RB#0	6.45	13	PASS
Band4	3MHz	64QAM	20385	1RB#0	5.45	13	PASS
Band4	3MHz	64QAM	20385	15RB#0	6.08	13	PASS
Band4	5MHz	64QAM	19975	1RB#0	5.88	13	PASS
Band4	5MHz	64QAM	19975	25RB#0	6.12	13	PASS
Band4	5MHz	64QAM	20175	1RB#0	6.25	13	PASS
Band4	5MHz	64QAM	20175	25RB#0	6.38	13	PASS
Band4	5MHz	64QAM	20375	1RB#0	5.41	13	PASS
Band4	5MHz	64QAM	20375	25RB#0	6.10	13	PASS
Band4	10MHz	64QAM	20000	1RB#0	5.70	13	PASS
Band4	10MHz	64QAM	20000	50RB#0	6.33	13	PASS
Band4	10MHz	64QAM	20175	1RB#0	6.25	13	PASS
Band4	10MHz	64QAM	20175	50RB#0	6.41	13	PASS
Band4	10MHz	64QAM	20350	1RB#0	5.58	13	PASS



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Band4	10MHz	64QAM	20350	50RB#0	6.17	13	PASS
Band4	15MHz	64QAM	20025	1RB#0	5.81	13	PASS
Band4	15MHz	64QAM	20025	75RB#0	6.44	13	PASS
Band4	15MHz	64QAM	20175	1RB#0	6.21	13	PASS
Band4	15MHz	64QAM	20175	75RB#0	6.52	13	PASS
Band4	15MHz	64QAM	20325	1RB#0	5.81	13	PASS
Band4	15MHz	64QAM	20325	75RB#0	6.28	13	PASS
Band4	20MHz	64QAM	20050	1RB#0	5.19	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.49	13	PASS
Band4	20MHz	64QAM	20175	1RB#0	6.26	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.45	13	PASS
Band4	20MHz	64QAM	20300	1RB#0	6.19	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.35	13	PASS

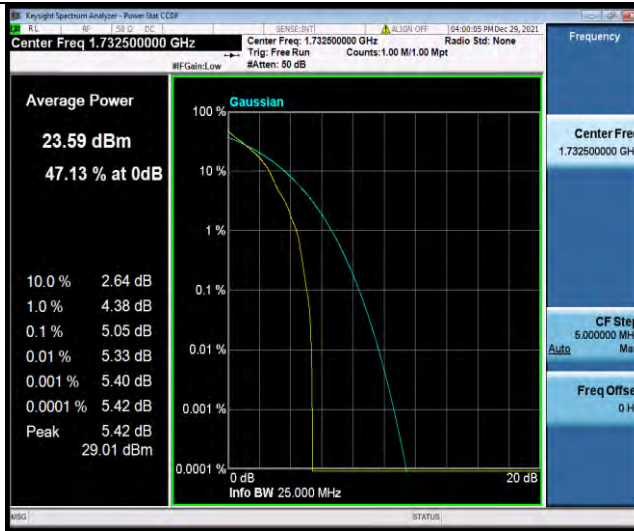
## Test Graphs



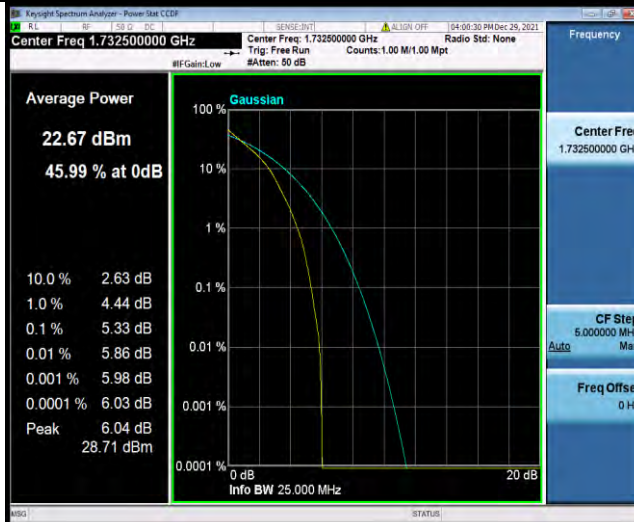


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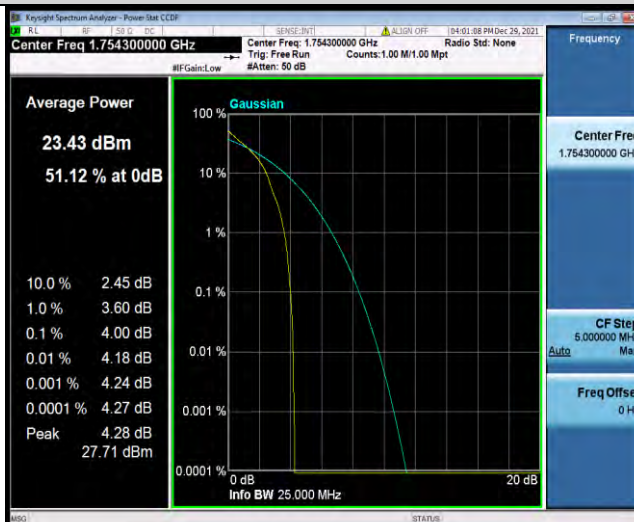
Test Report No.: W7L-P22030026-2RF05



Band4-1.4MHz-QPSK-20175-6RB#0



Band4-1.4MHz-QPSK-20393-1RB#0



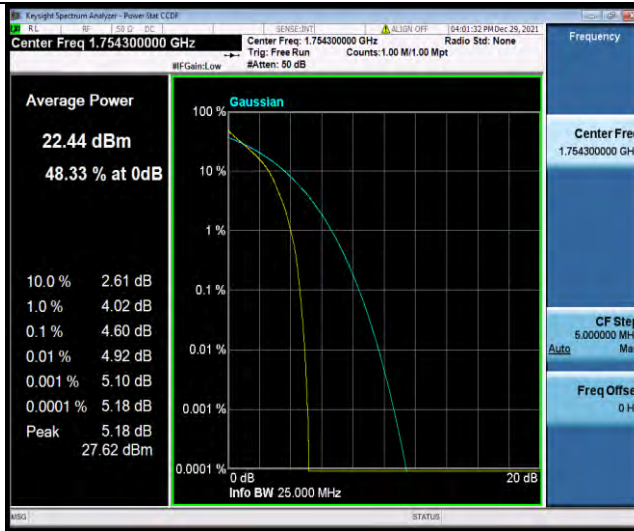
Band4-1.4MHz-QPSK-20393-6RB#0



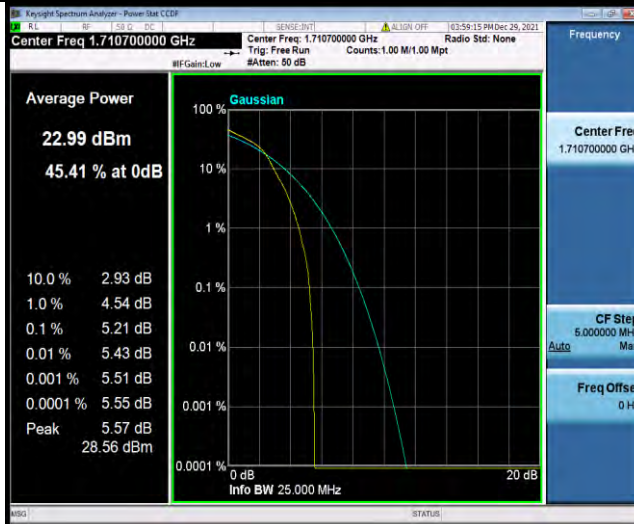


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VERITAS

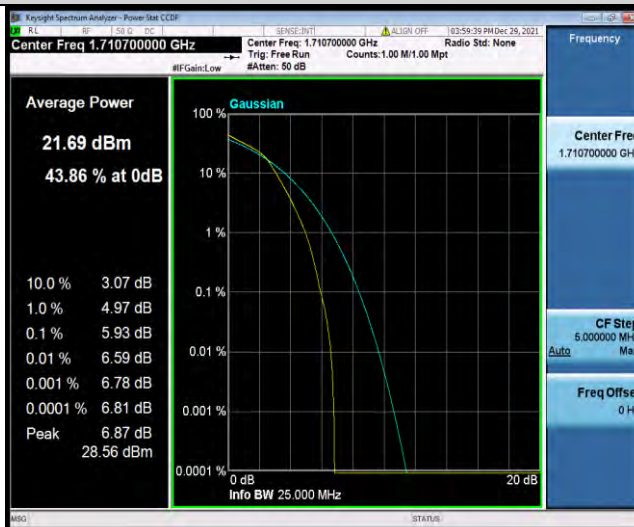
Test Report No.: W7L-P22030026-2RF05



Band4-1.4MHz-16QAM-19957-1RB#0



Band4-1.4MHz-16QAM-19957-6RB#0

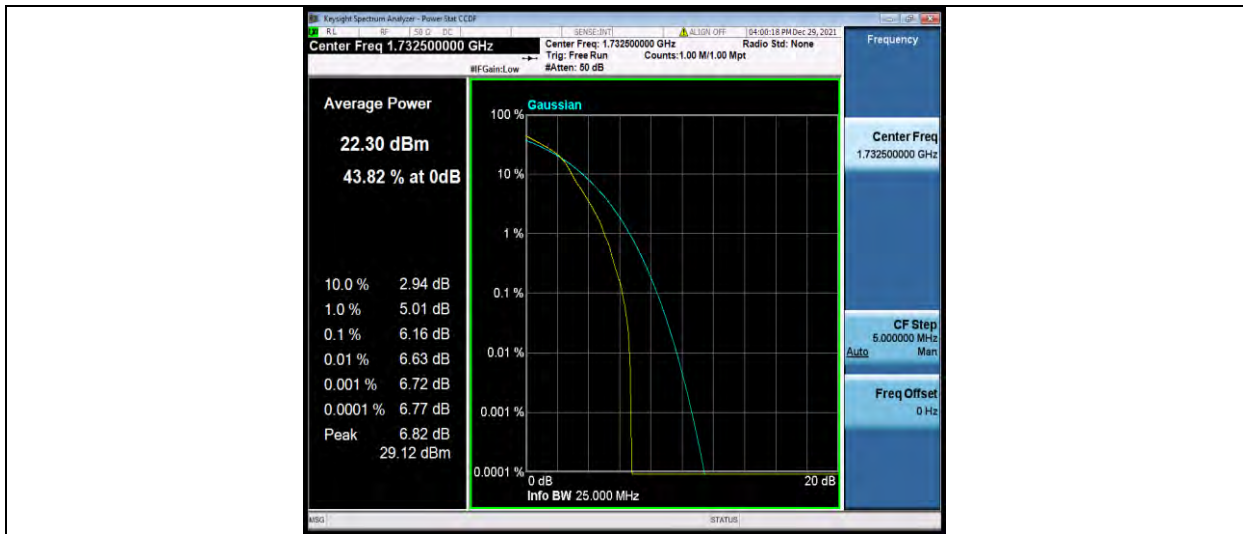


Band4-1.4MHz-16QAM-20175-1RB#0



BUREAU VERITAS

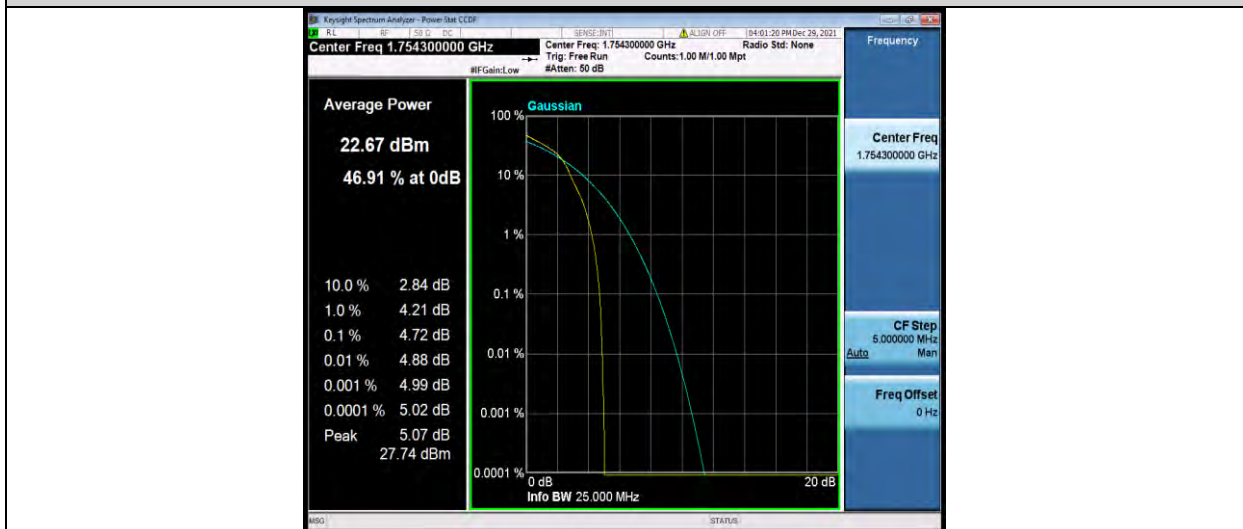
Test Report No.: W7L-P22030026-2RF05



Band4-1.4MHz-16QAM-20175-6RB#0



Band4-1.4MHz-16QAM-20393-1RB#0



Band4-1.4MHz-16QAM-20393-6RB#0

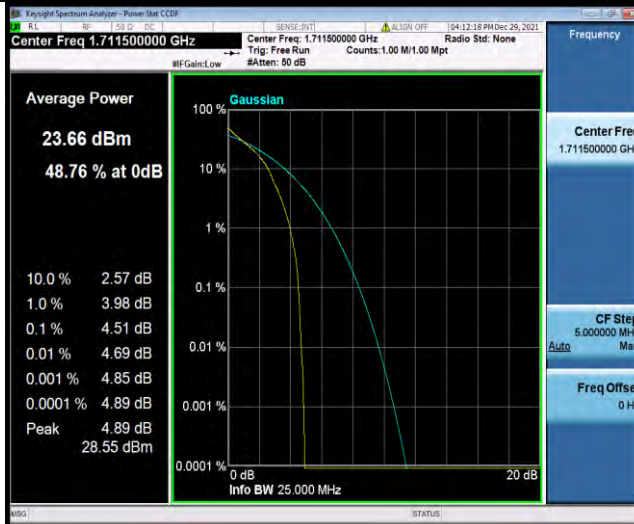


BUREAU VERITAS

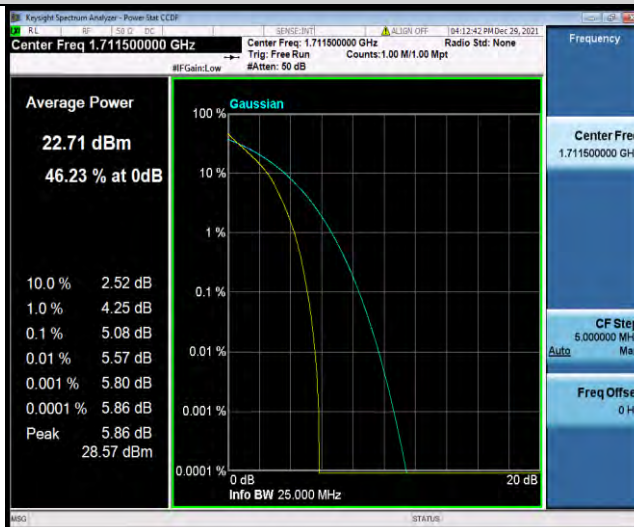
Test Report No.: W7L-P22030026-2RF05



Band4-3MHz-QPSK-19965-1RB#0



Band4-3MHz-QPSK-19965-15RB#0

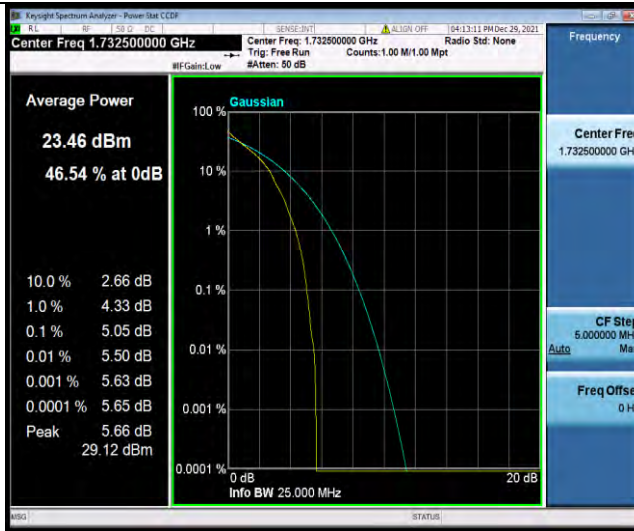


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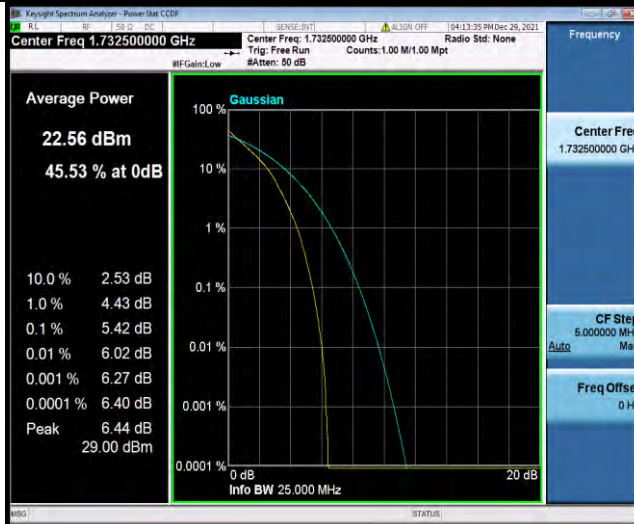


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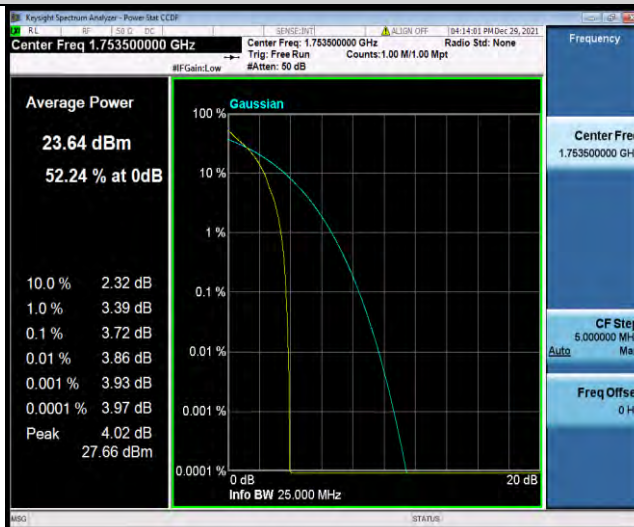
Test Report No.: W7L-P22030026-2RF05



Band4-3MHz-QPSK-20175-15RB#0



Band4-3MHz-QPSK-20385-1RB#0

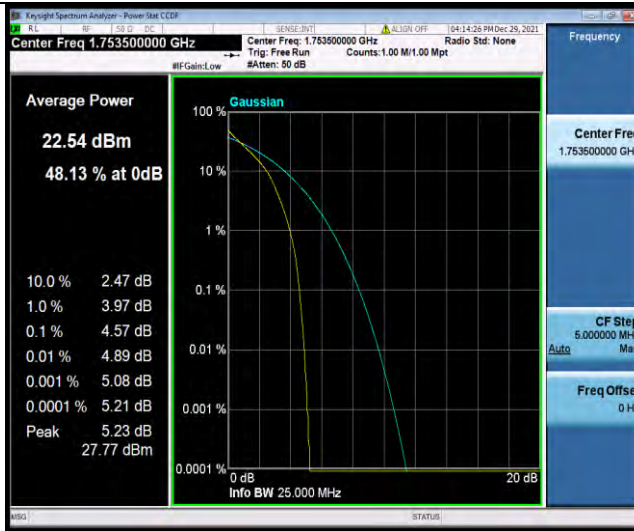


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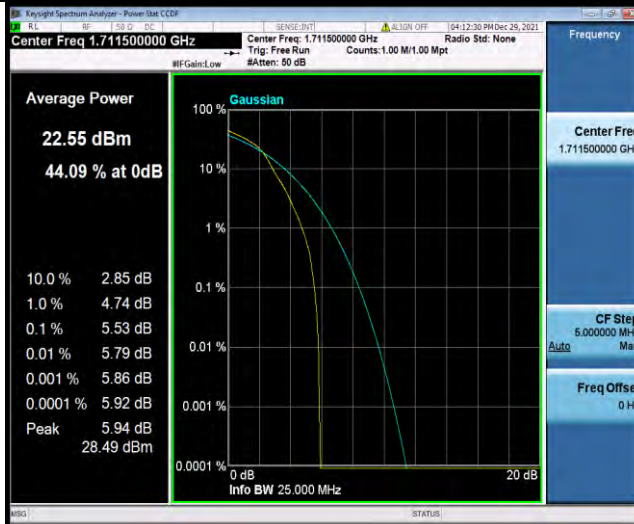


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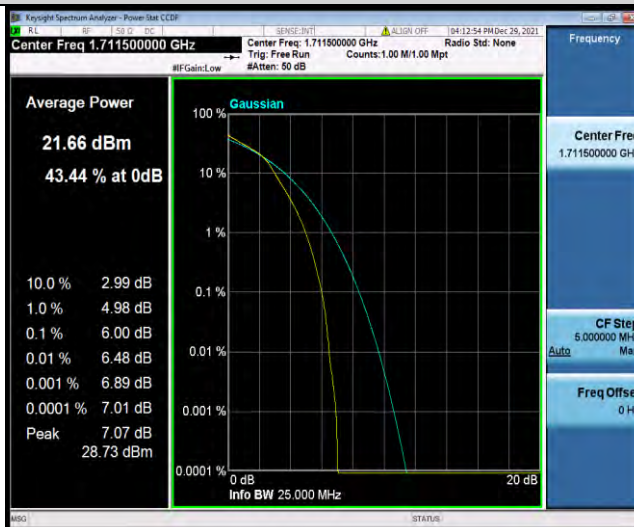
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Band4-3MHz-16QAM-19965-15RB#0

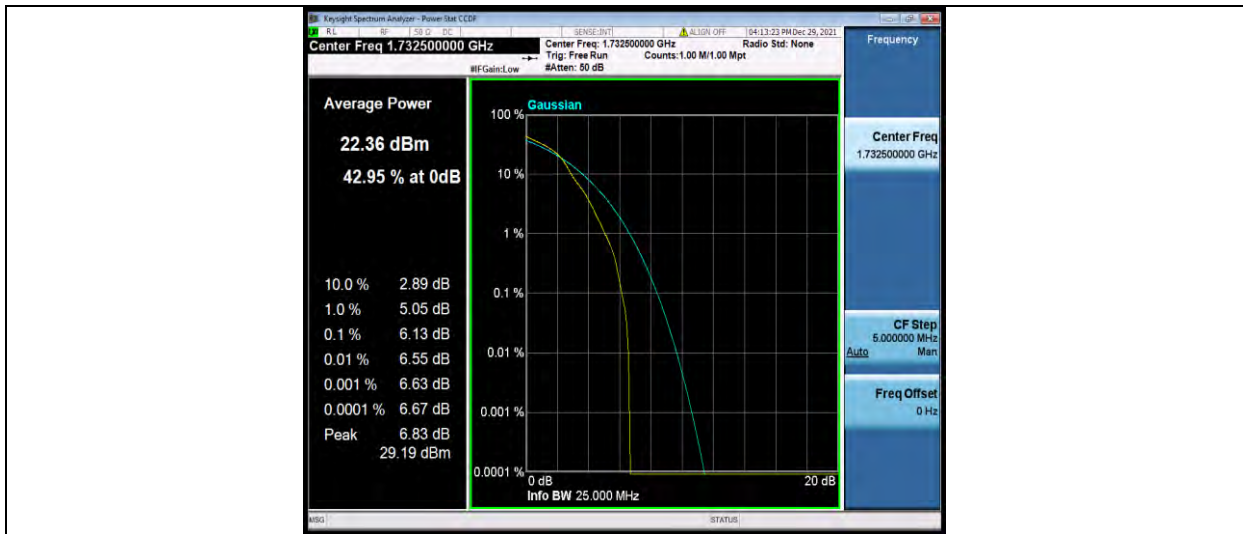


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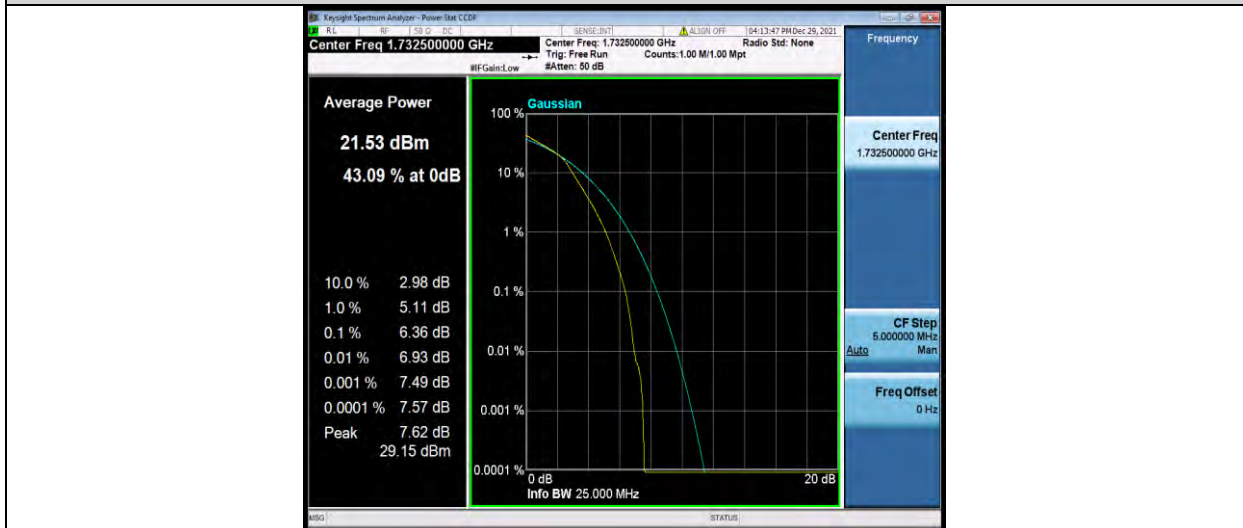


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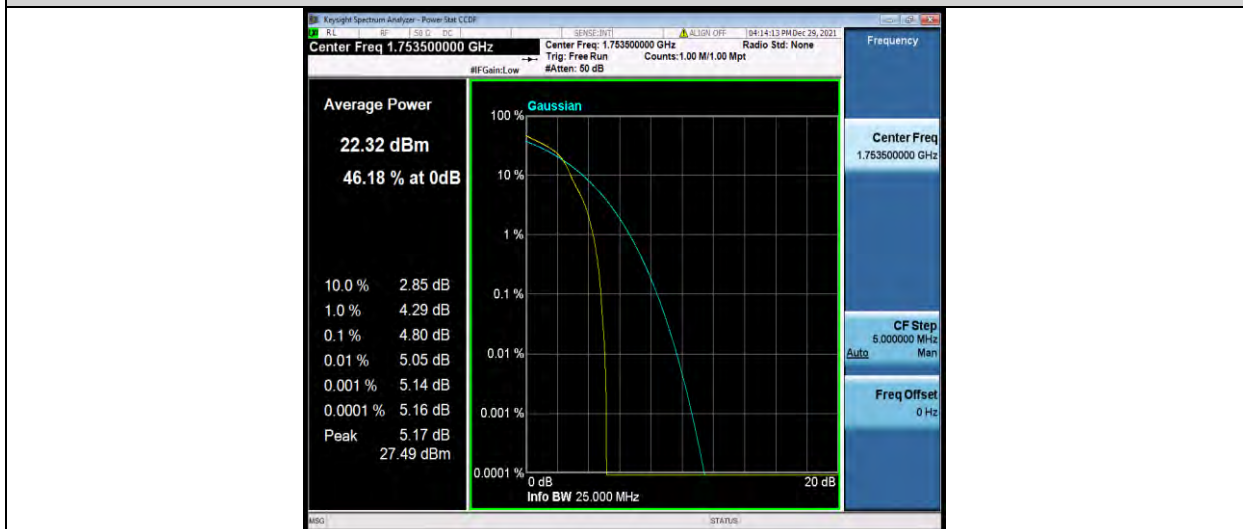
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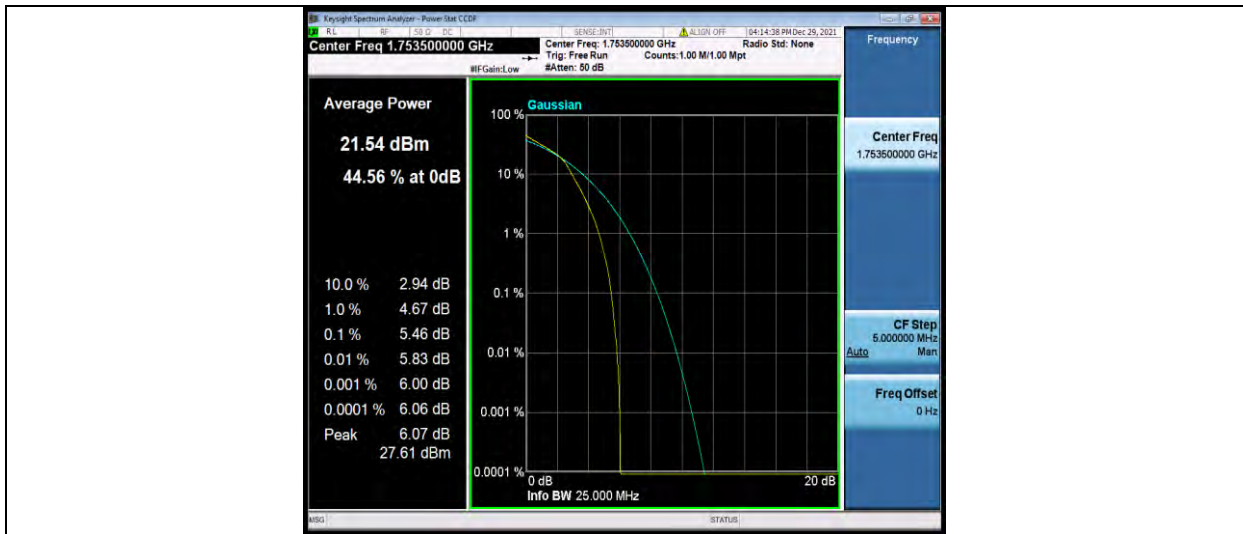
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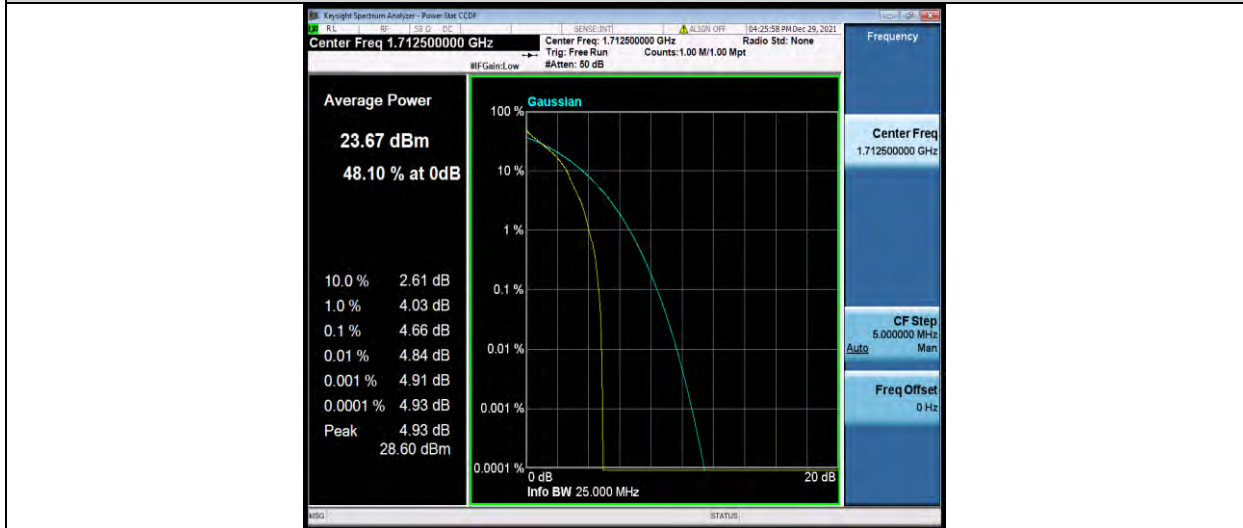
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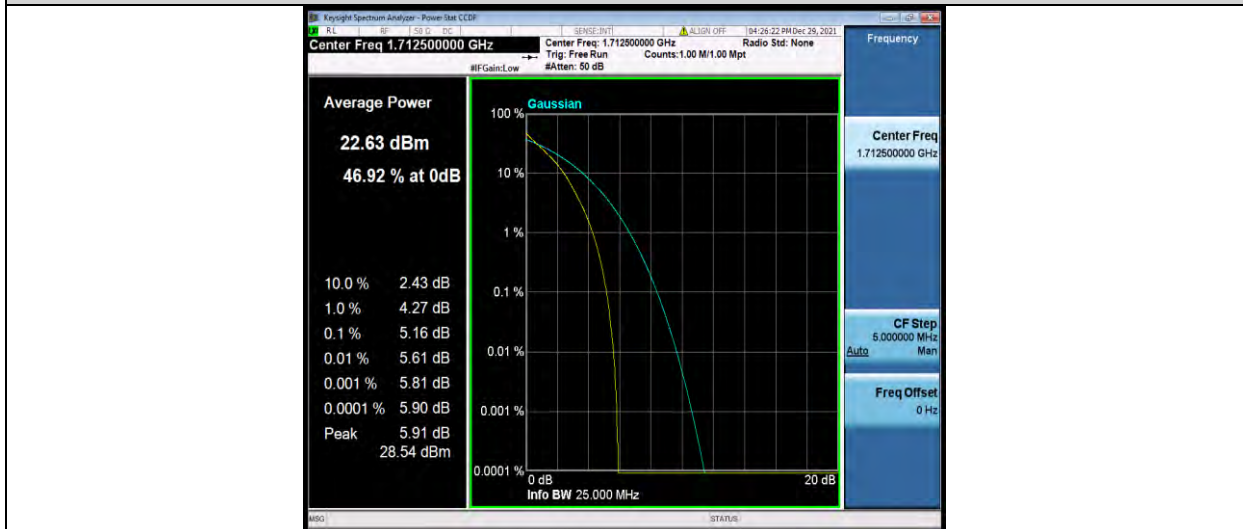
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Band4-5MHz-QPSK-19975-1RB#0



Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20175-1RB#0

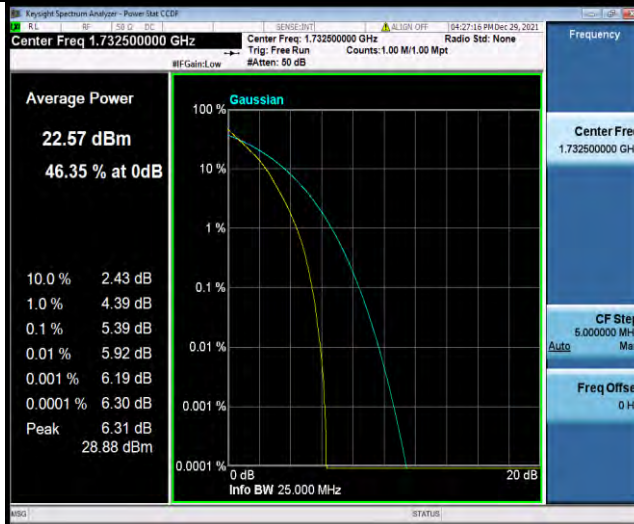


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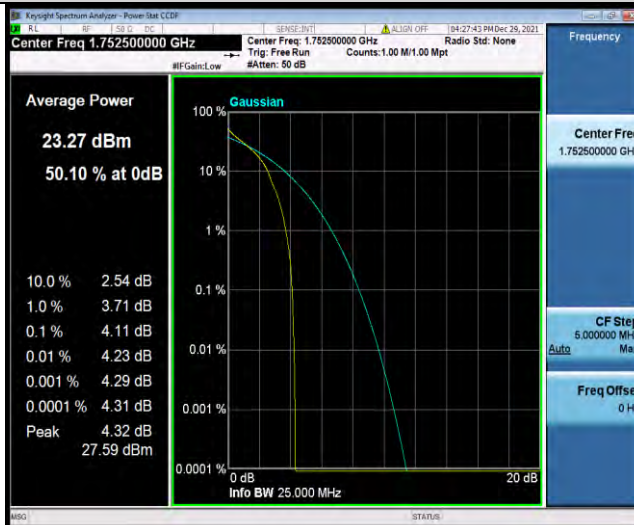
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Band4-5MHz-QPSK-20175-25RB#0



Band4-5MHz-QPSK-20375-1RB#0



Band4-5MHz-QPSK-20375-25RB#0





BUREAU VERITAS

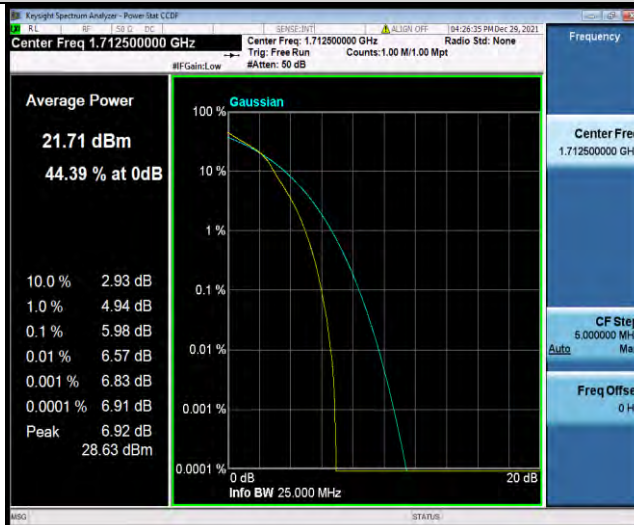
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Band4-5MHz-16QAM-19975-1RB#0



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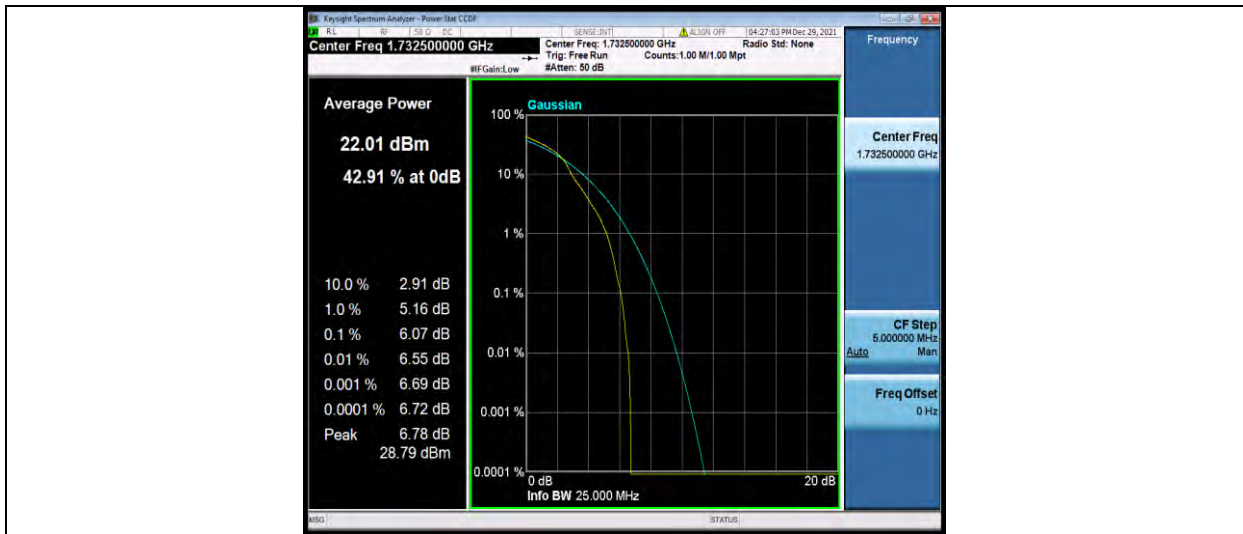


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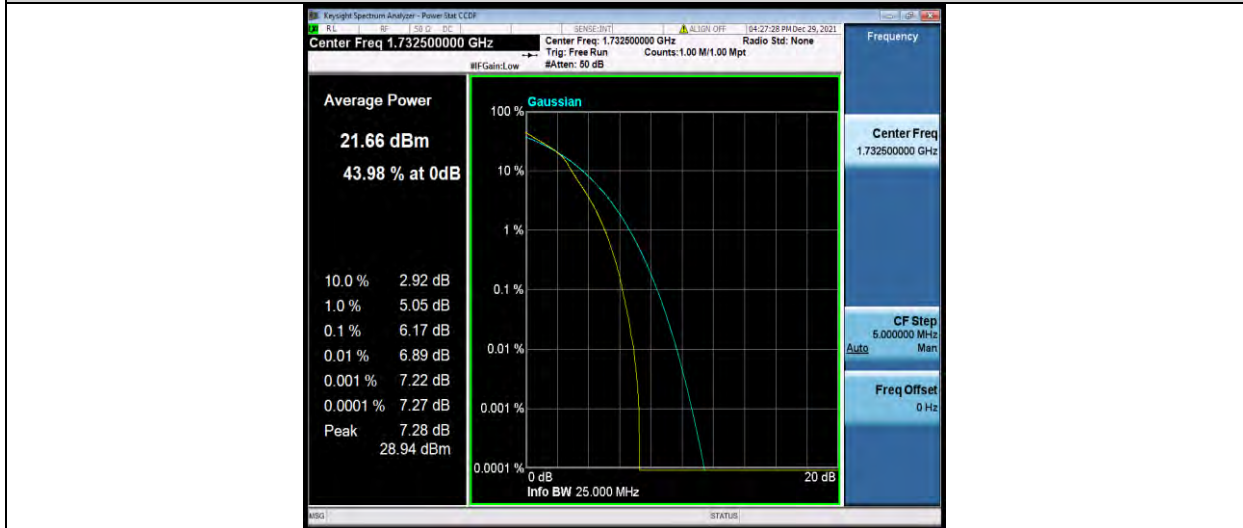


BUREAU VERITAS

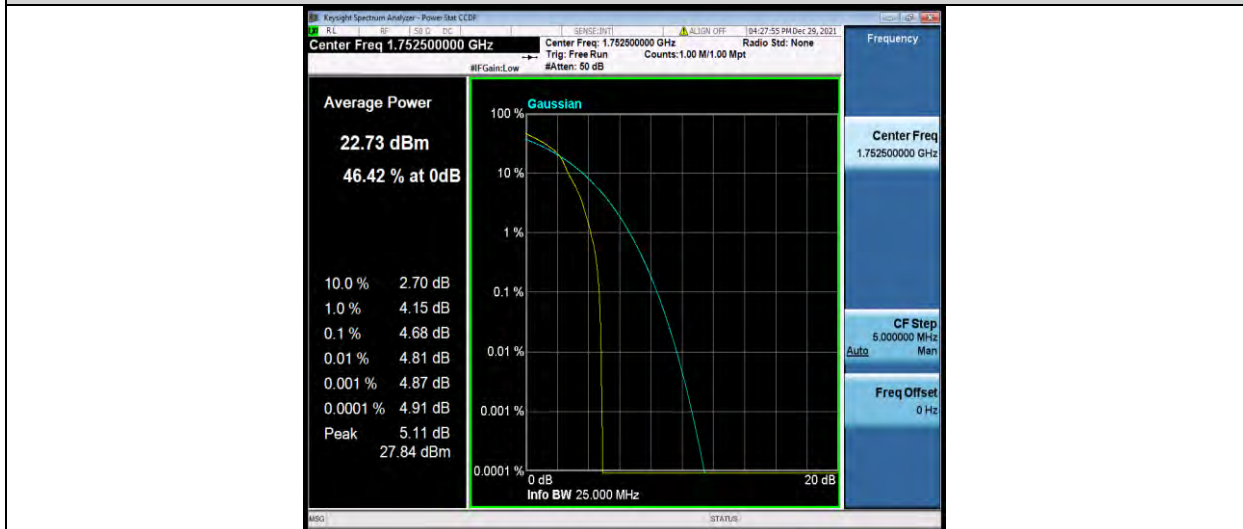
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Band4-5MHz-16QAM-20175-25RB#0



Band4-5MHz-16QAM-20375-1RB#0

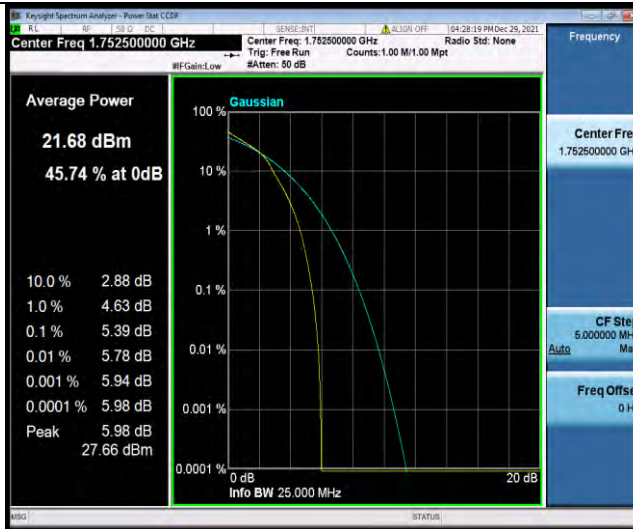


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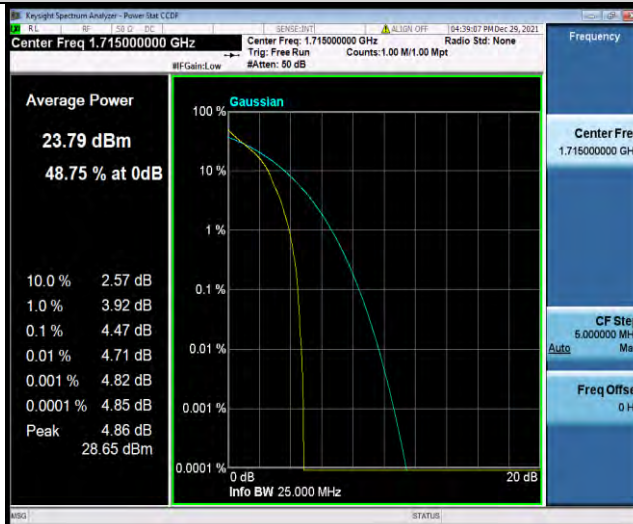


BUREAU  
VERITAS

Test Report No.: W7L-P22030026-2RF05



Band4-10MHz-QPSK-20000-1RB#0



Band4-10MHz-QPSK-20000-50RB#0

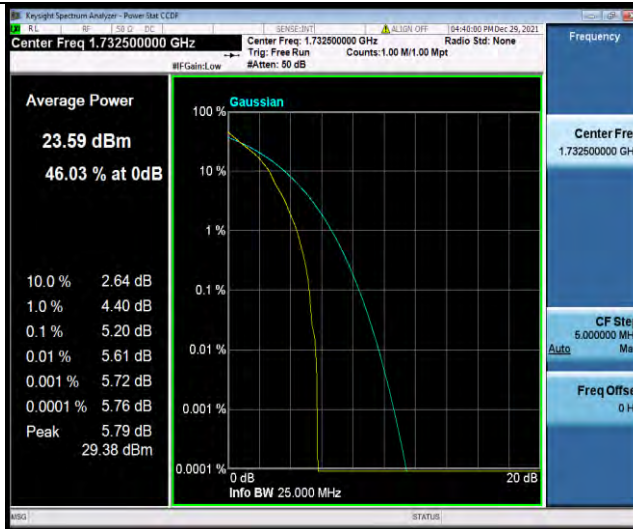


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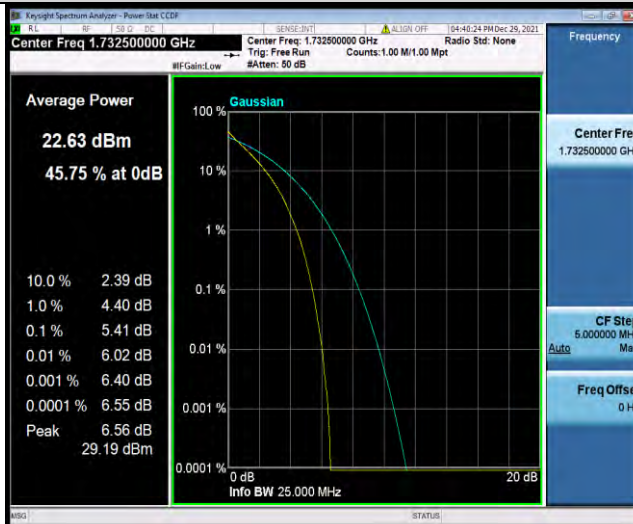


BUREAU  
VERITAS

Test Report No.: W7L-P22030026-2RF05



Band4-10MHz-QPSK-20175-50RB#0



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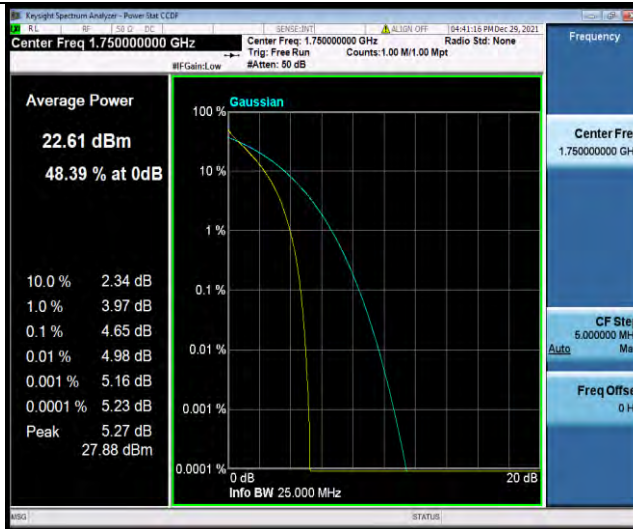


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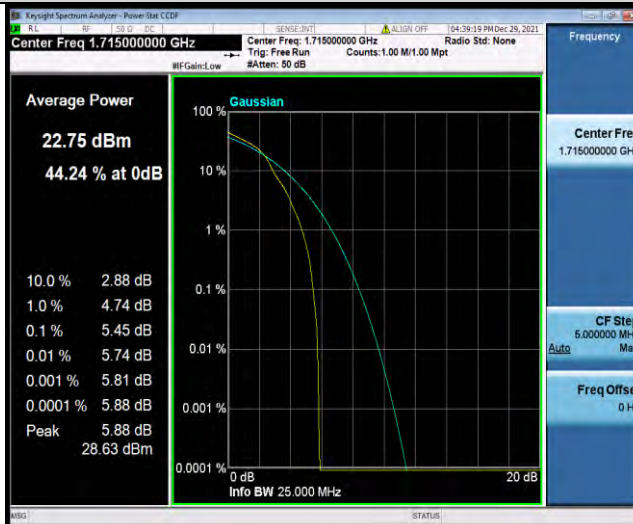


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VERITAS

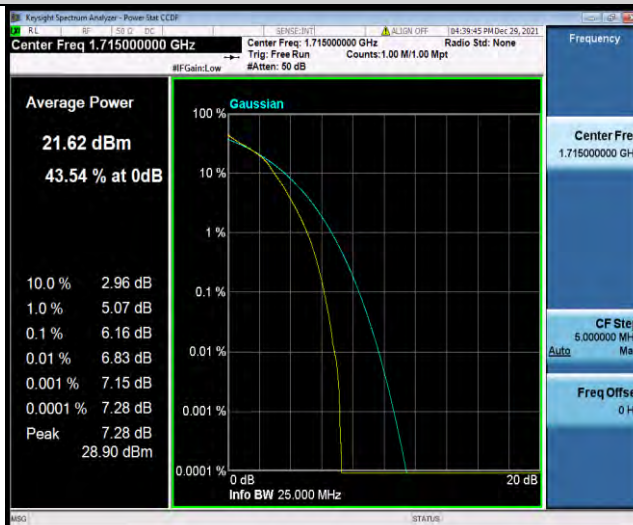
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Band4-10MHz-16QAM-20000-1RB#0



Band4-10MHz-16QAM-20000-50RB#0

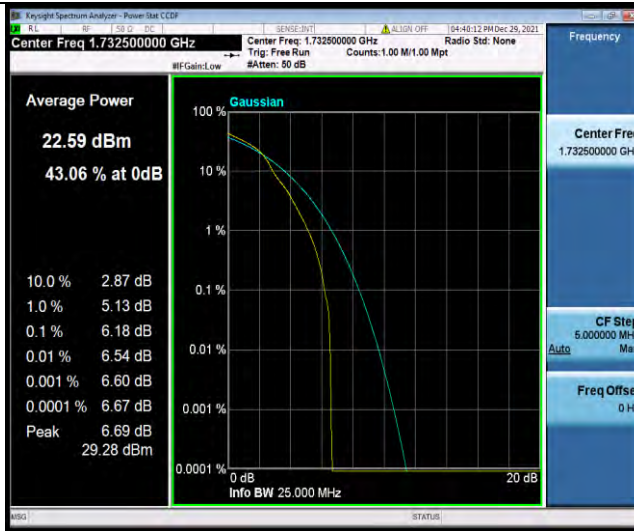


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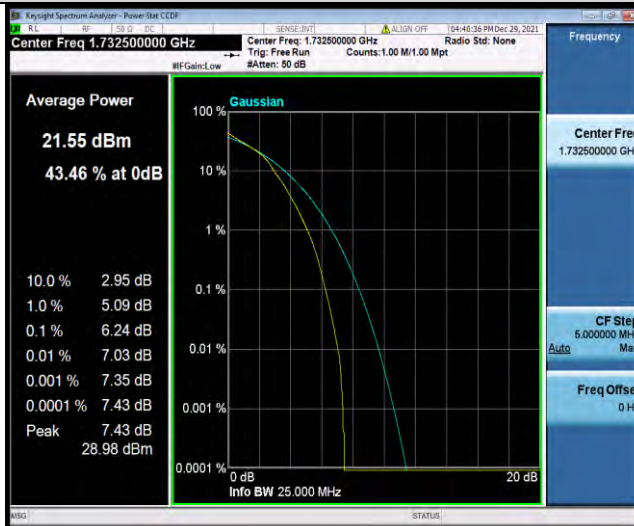


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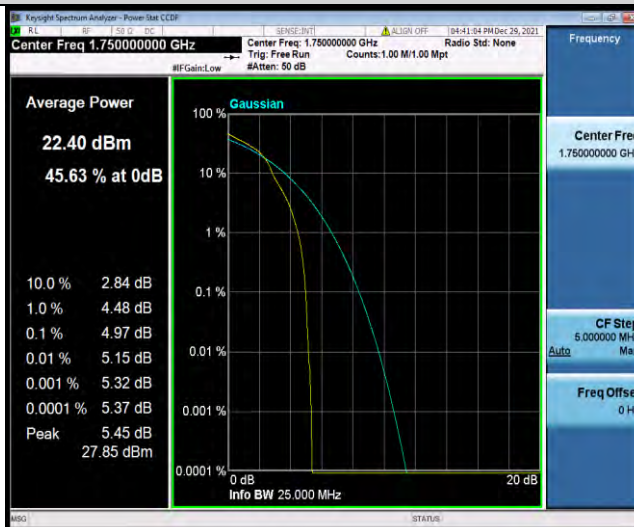
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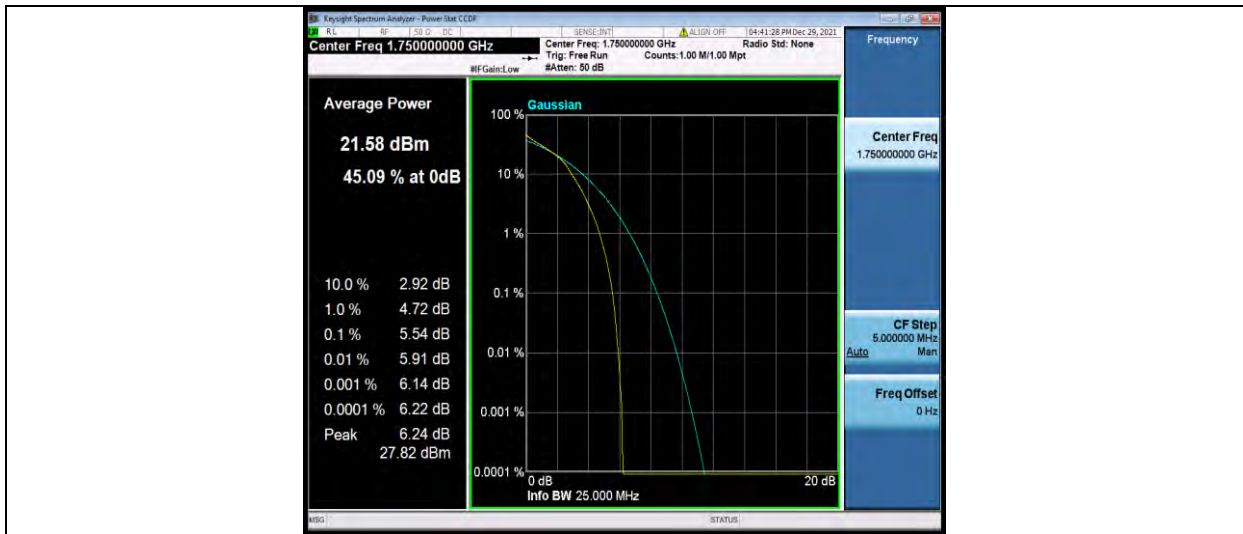


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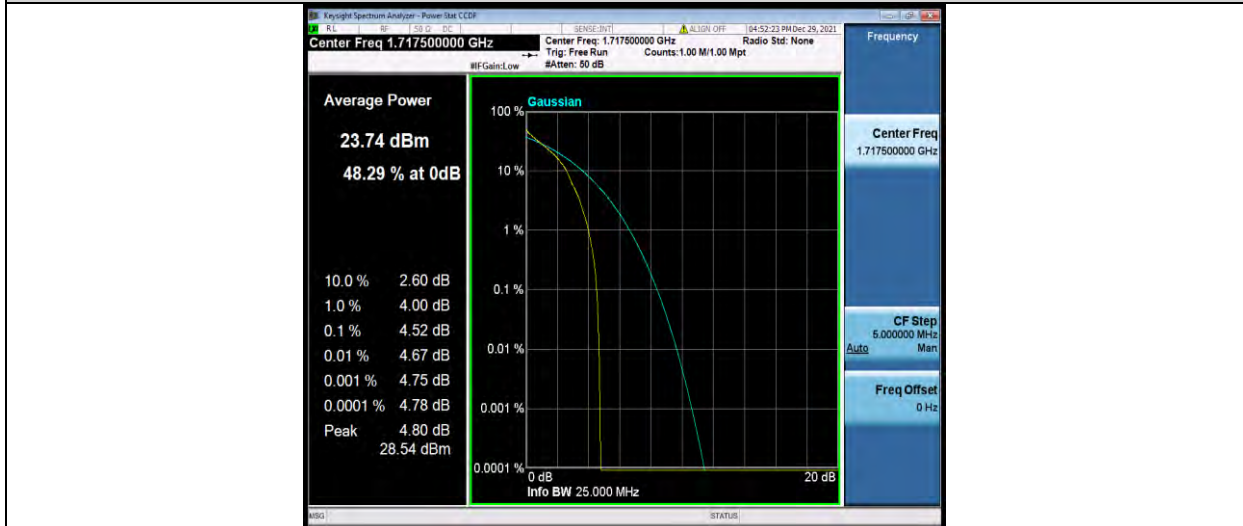


BUREAU VERITAS

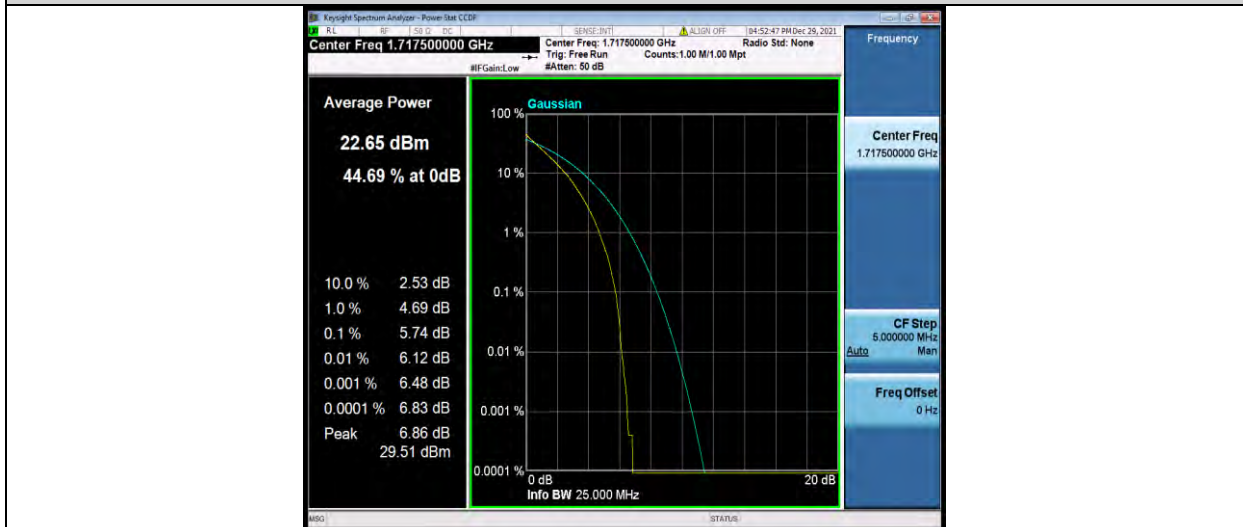
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Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-75RB#0

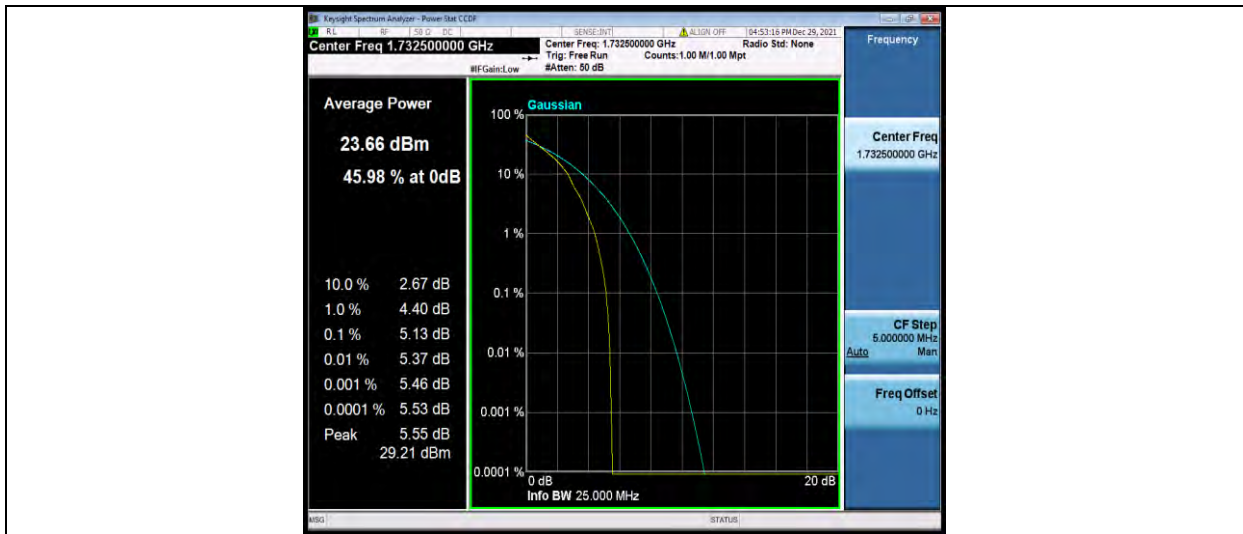


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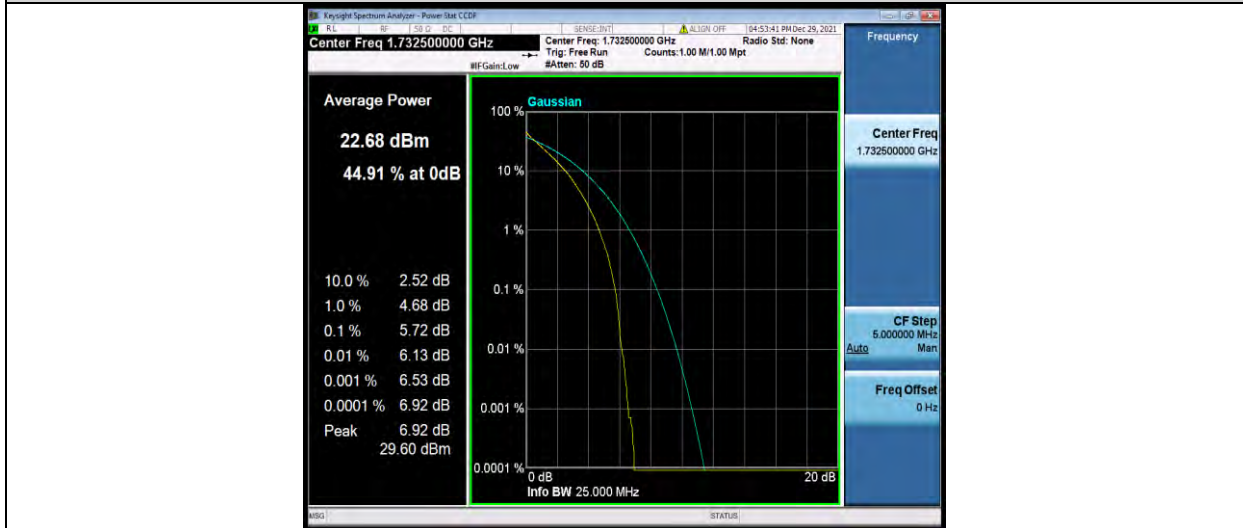


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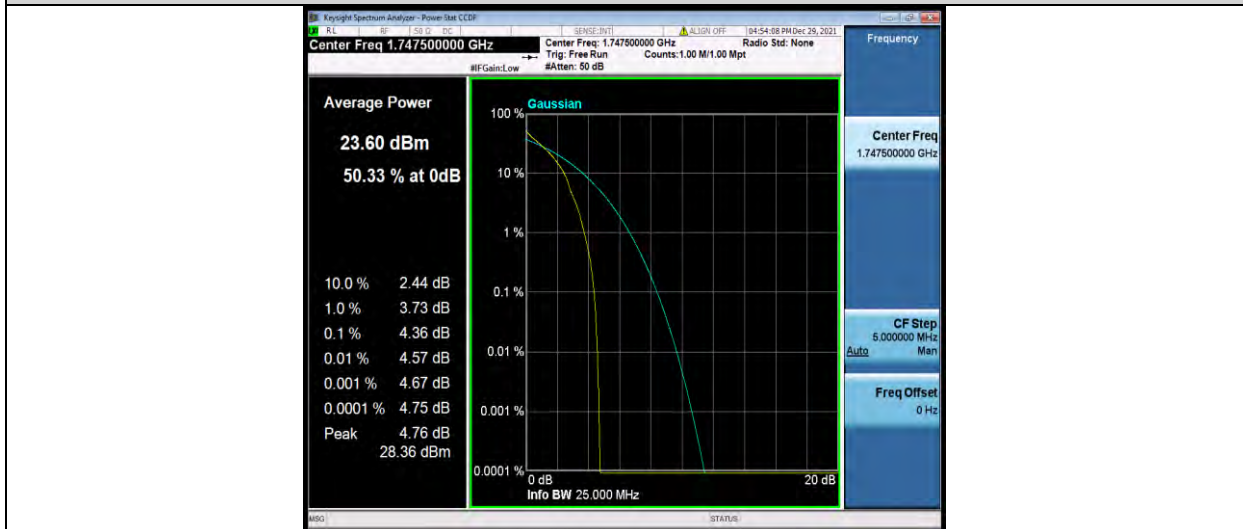
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Band4-15MHz-QPSK-20175-75RB#0



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Band4-15MHz-QPSK-20325-75RB#0



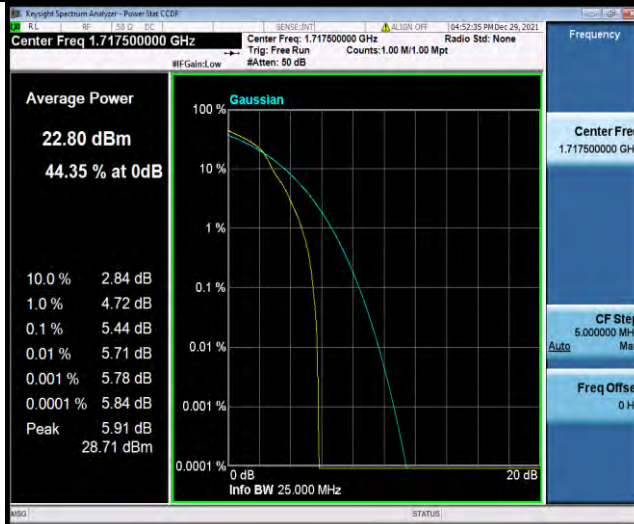


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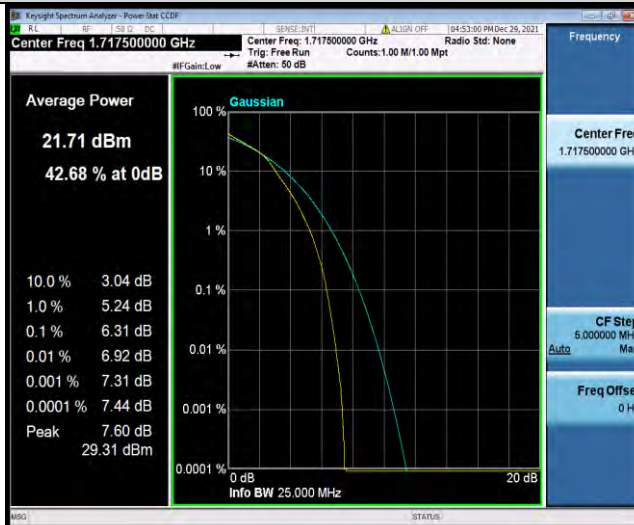
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Band4-15MHz-16QAM-20025-75RB#0

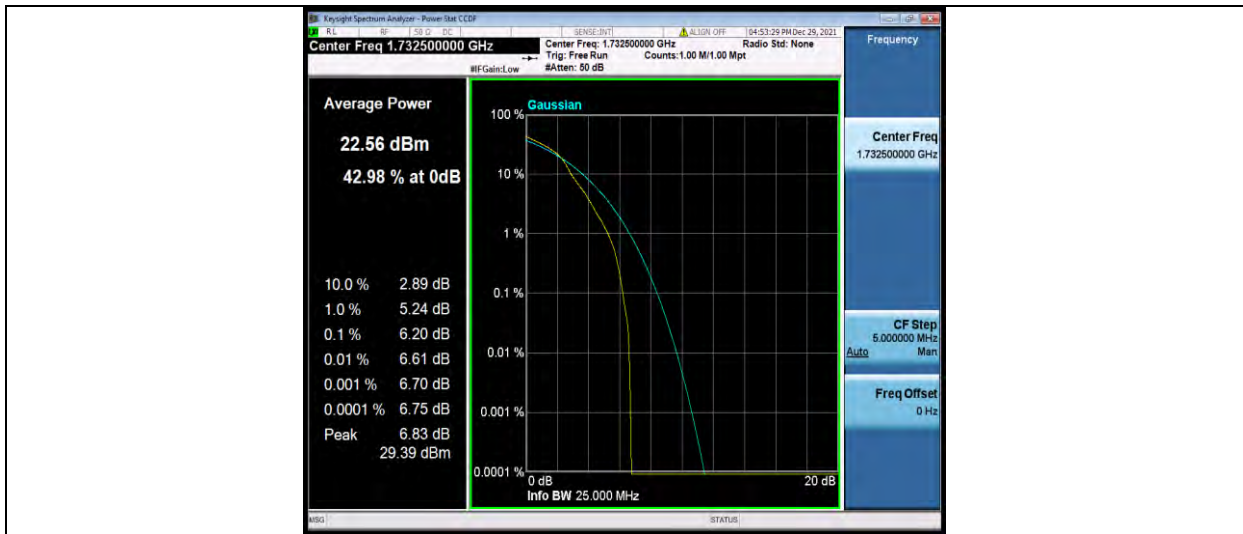


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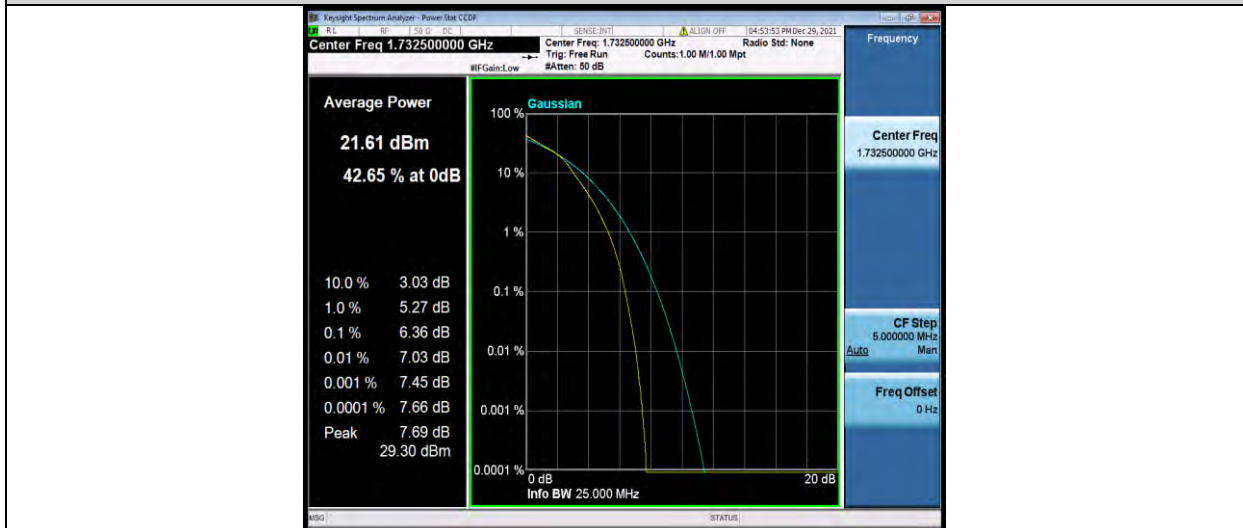


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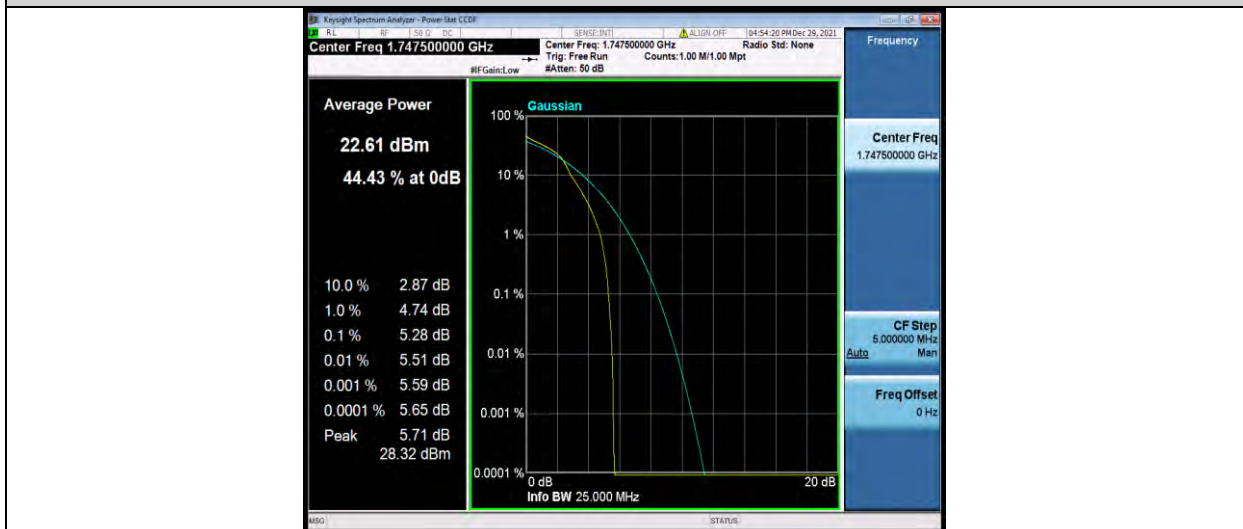
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Band4-15MHz-16QAM-20175-75RB#0



Band4-15MHz-16QAM-20325-1RB#0



Band4-15MHz-16QAM-20325-75RB#0

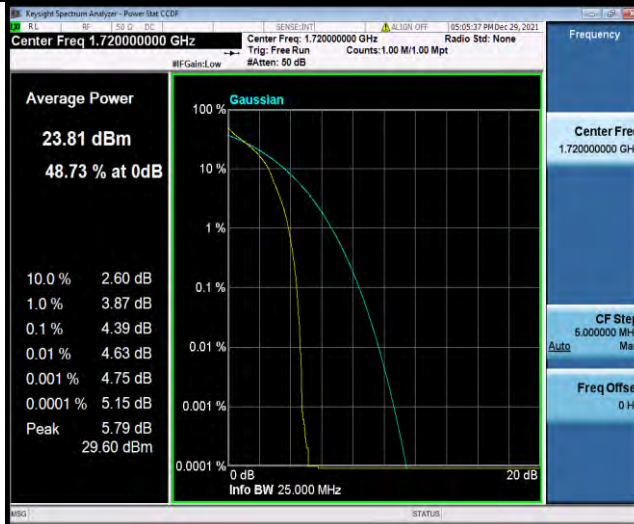


BUREAU VERITAS

Test Report No.: W7L-P22030026-2RF05



Band4-20MHz-QPSK-20050-1RB#0



Band4-20MHz-QPSK-20050-100RB#0

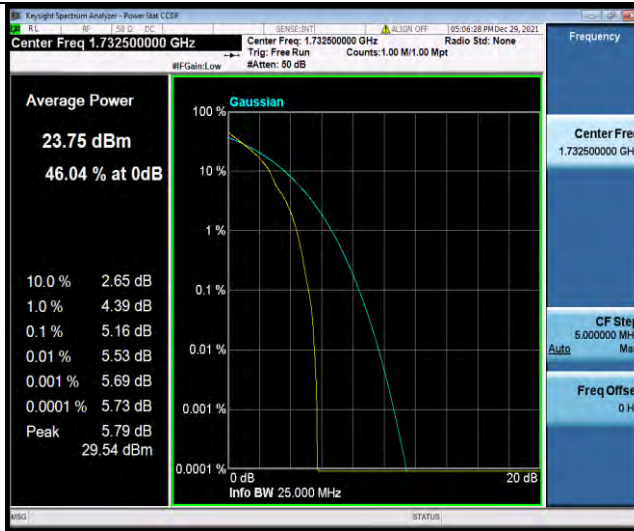


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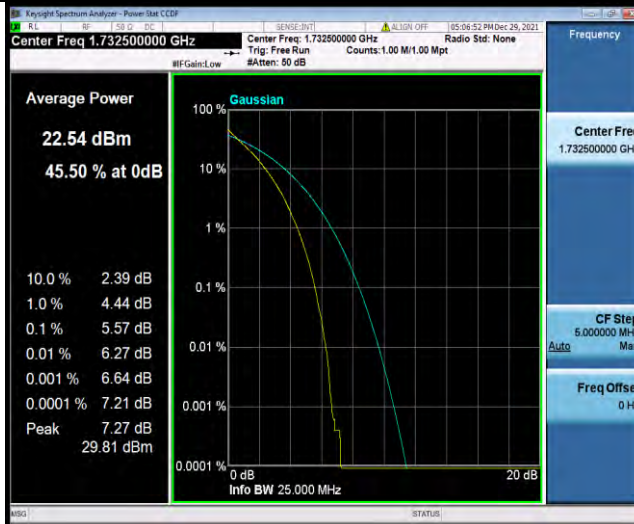


BUREAU VERITAS

Test Report No.: W7L-P22030026-2RF05



Band4-20MHz-QPSK-20175-100RB#0



Band4-20MHz-QPSK-20300-1RB#0



Band4-20MHz-QPSK-20300-100RB#0