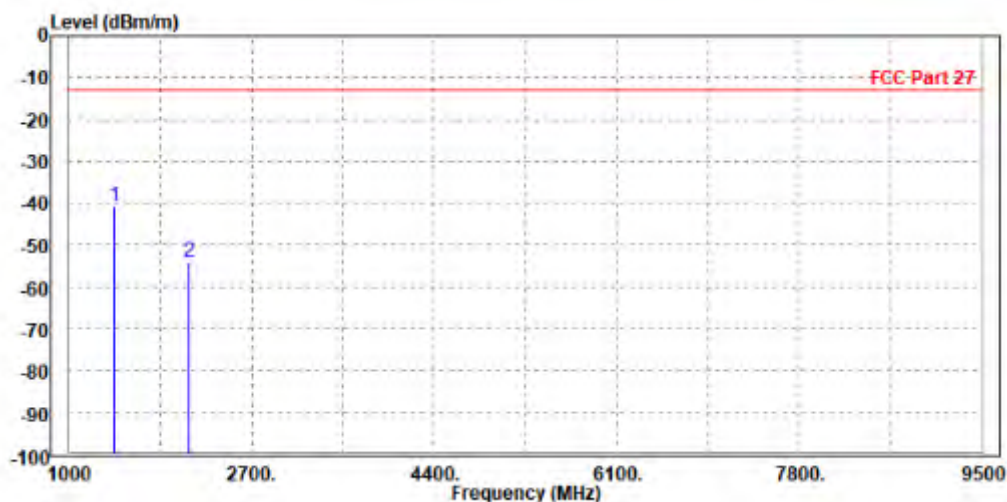




Test Report No.: W7L-P23030025RF06

MODE	TX channel 23095	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	-40.53	-40.12	-13.00	-27.53	-0.41	Peak	Vertical
2	2122.000	-54.06	-57.98	-13.00	-41.06	3.92	Peak	Vertical



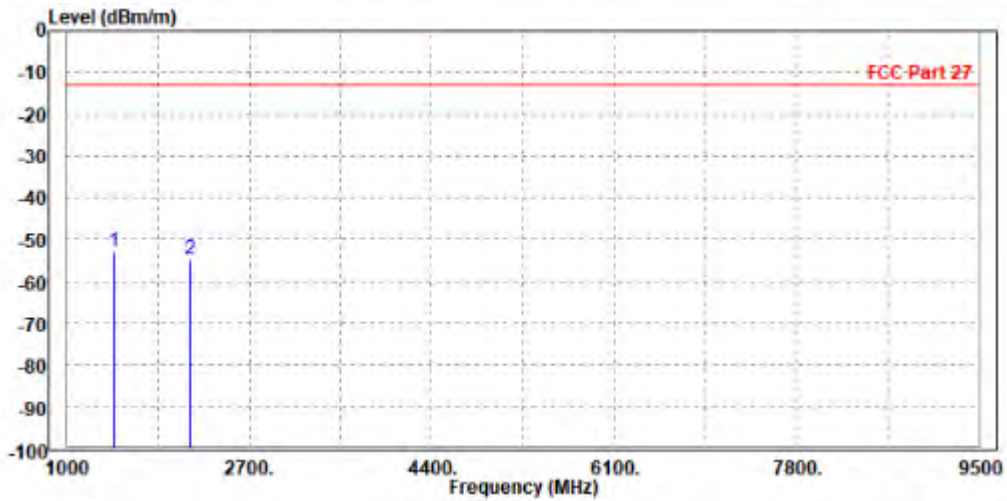


Test Report No.: W7L-P23030025RF06

CH23173

MODE	TX channel 23173	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1430.600	-53.02	-52.41	-13.00	-40.02	-0.61	Peak	Horizontal
2	2145.900	-54.92	-59.07	-13.00	-41.92	4.15	Peak	Horizontal

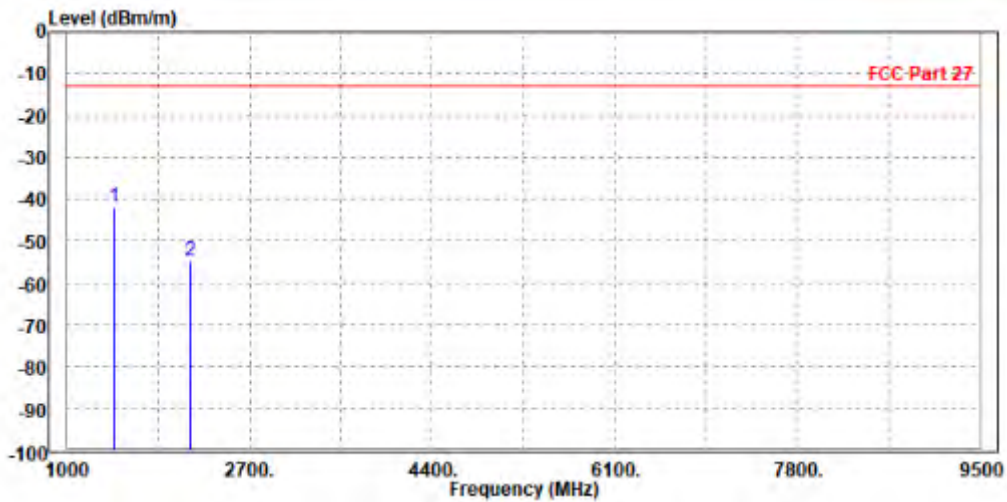




Test Report No.: W7L-P23030025RF06

MODE	TX channel 23173	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1433.500	-41.91	-41.58	-13.00	-28.91	-0.33	Peak	Vertical
2	2147.500	-54.73	-58.71	-13.00	-41.73	3.98	Peak	Vertical





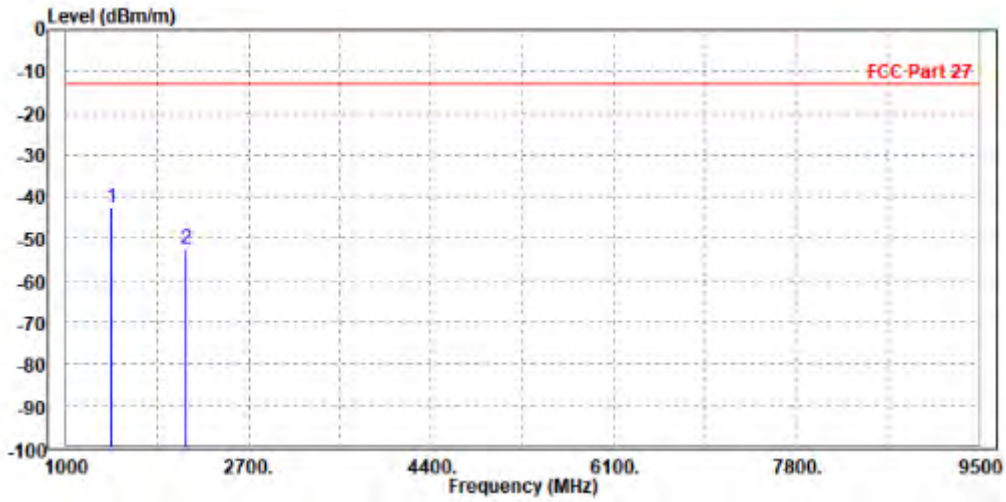
**BUREAU
VERITAS**

Test Report No.: W7L-P23030025RF06

CHANNEL BANDWIDTH: 3MHz / QPSK

MODE	TX channel 23095	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1415.000	-42.59	-41.94	-13.00	-29.59	-0.65	Peak	Horizontal
2	2122.000	-52.48	-56.54	-13.00	-39.48	4.06	Peak	Horizontal

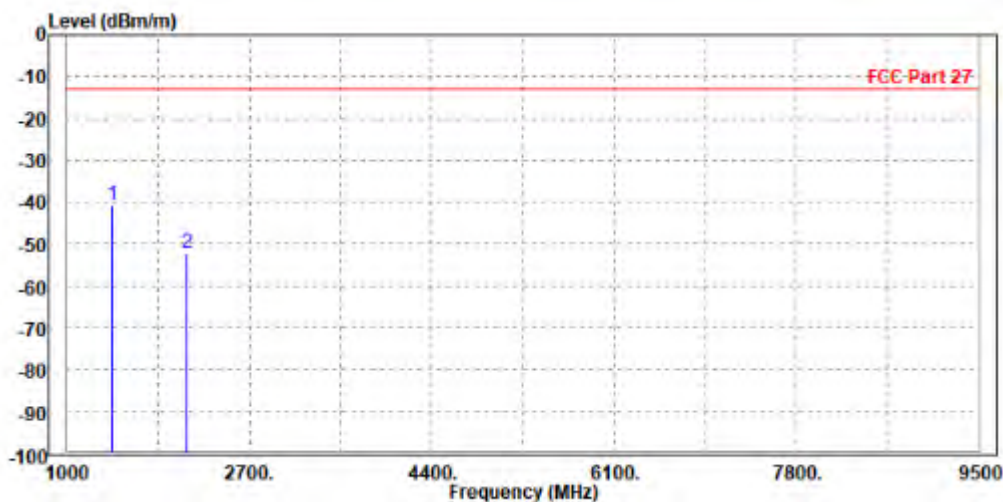




Test Report No.: W7L-P23030025RF06

MODE	TX channel 23095	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1416.500	-40.82	-40.42	-13.00	-27.82	-0.40	Peak	Vertical
2		2122.500	-52.07	-55.99	-13.00	-39.07	3.92	Peak	Vertical



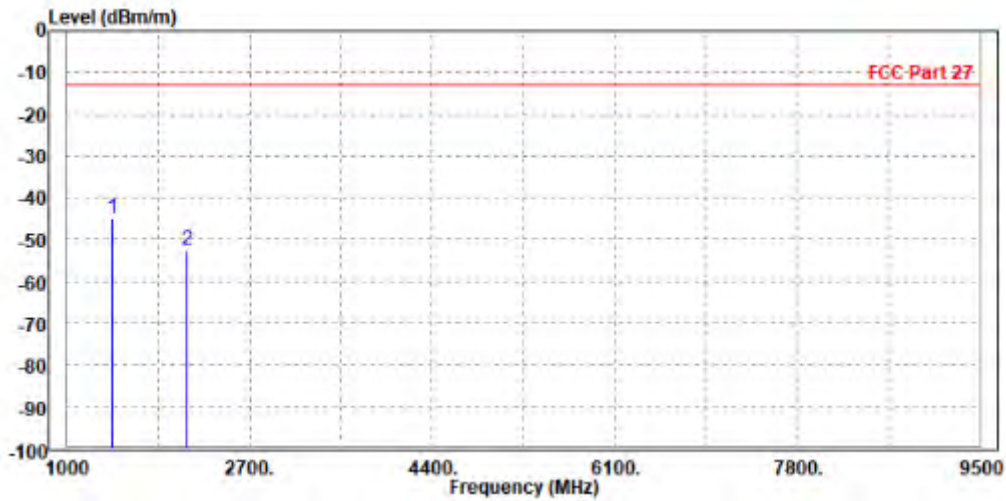


Test Report No.: W7L-P23030025RF06

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 23095	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	1416.500	-44.98	-44.34	-13.00	-31.98	-0.64	Peak	Horizontal
2	2122.500	-52.64	-56.70	-13.00	-39.64	4.06	Peak	Horizontal

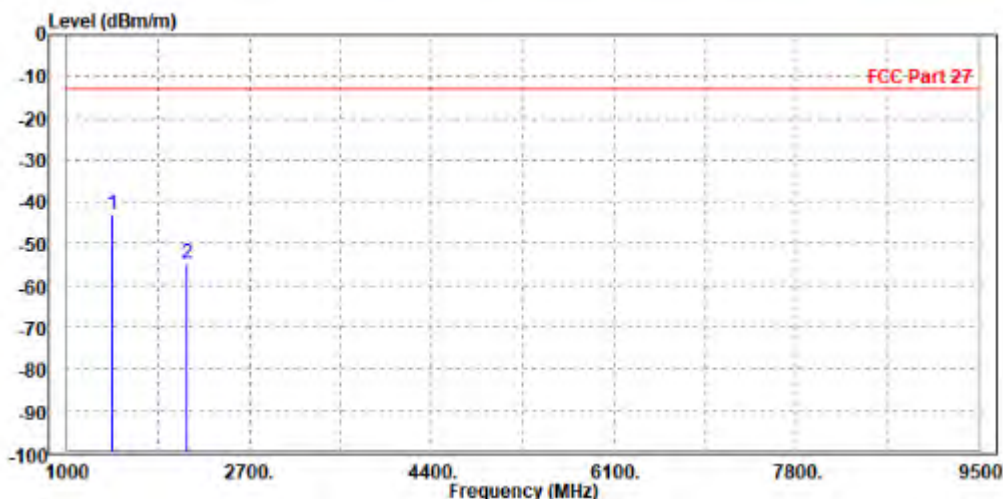




Test Report No.: W7L-P23030025RF06

MODE	TX channel 23095	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	-42.84	-42.43	-13.00	-29.84	-0.41	Peak	Vertical
2	2122.000	-54.68	-58.60	-13.00	-41.68	3.92	Peak	Vertical



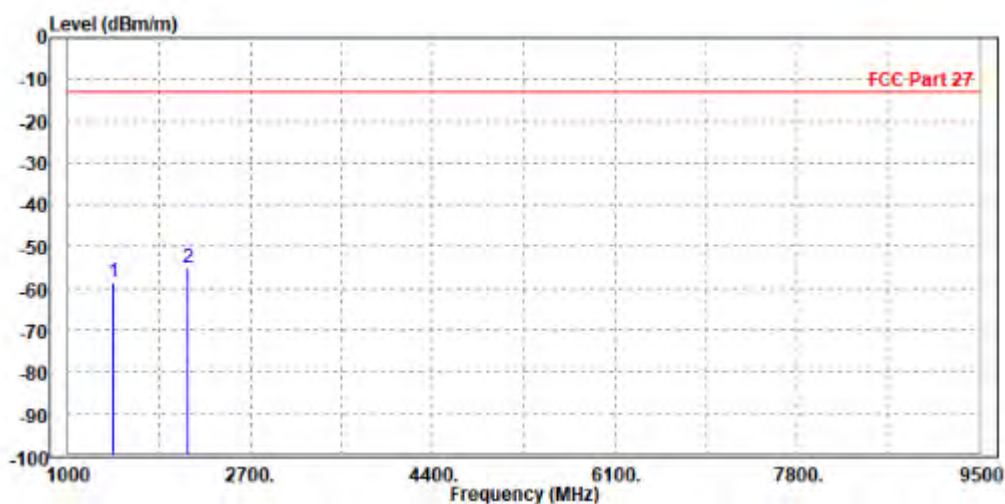


Test Report No.: W7L-P23030025RF06

CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 23095	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1416.500	-58.46	-57.82	-13.00	-45.46	-0.64	Peak	Horizontal
2 PP	2122.500	-55.03	-59.09	-13.00	-42.03	4.06	Peak	Horizontal

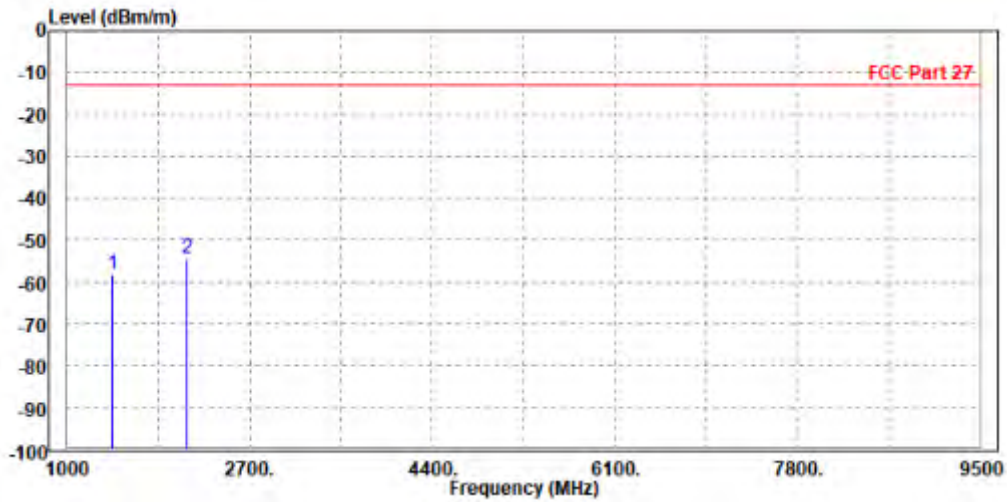




Test Report No.: W7L-P23030025RF06

MODE	TX channel 23095	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1415.000	-58.21	-57.80	-13.00	-45.21	-0.41	Peak	Vertical
2 PP	2122.000	-54.18	-58.10	-13.00	-41.18	3.92	Peak	Vertical





Test Report No.: W7L-P23030025RF06

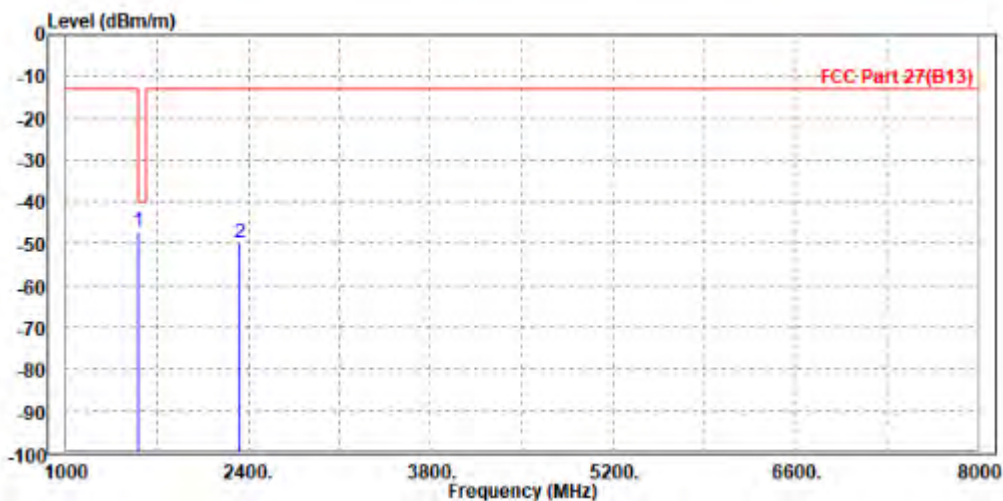
LTE B13

CHANNEL BANDWIDTH: 5MHz / QPSK

CH23205

MODE	TX channel 23205	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1560.000	-47.01	-47.07	-40.00	-7.01	0.06	Peak	Horizontal
2	2337.000	-49.93	-54.78	-13.00	-36.93	4.85	Peak	Horizontal

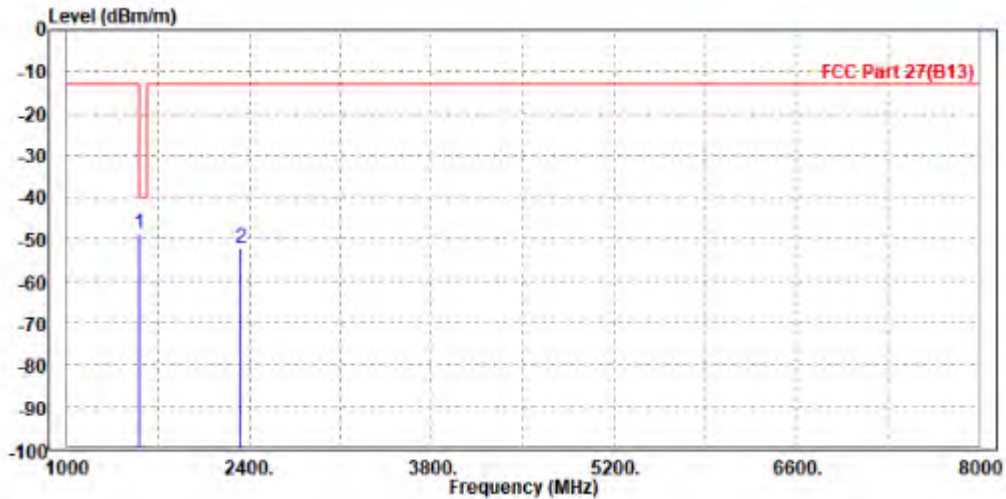




Test Report No.: W7L-P23030025RF06

MODE	TX channel 23205	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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 1560.000	-48.84	-49.24	-40.00	-8.84	0.40	Peak	Vertical
2	2338.500	-52.12	-56.62	-13.00	-39.12	4.50	Peak	Vertical





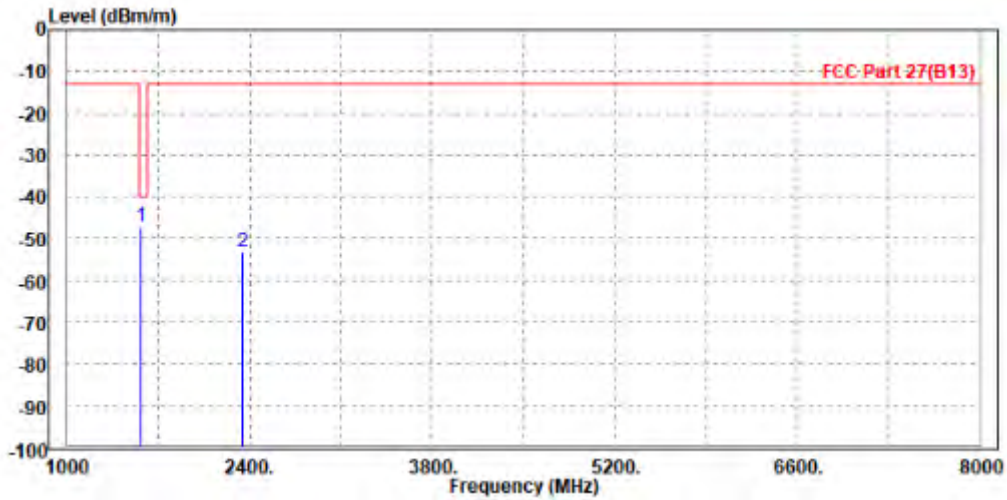
BUREAU VERITAS

Test Report No.: W7L-P23030025RF06

CH20175

MODE	TX channel 20175	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1567.000	-47.04	-47.16	-40.00	-7.04	0.12	Peak	Horizontal
2	2346.000	-53.05	-57.93	-13.00	-40.05	4.88	Peak	Horizontal

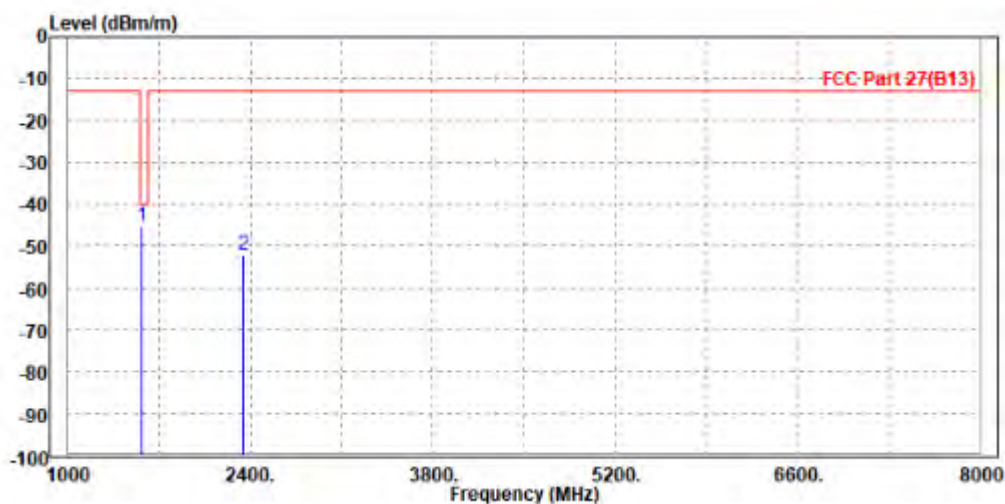




Test Report No.: W7L-P23030025RF06

MODE	TX channel 20175	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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 1567.000	-45.44	-45.89	-40.00	-5.44	0.45	Peak	Vertical
2	2344.000	-51.95	-56.47	-13.00	-38.95	4.52	Peak	Vertical





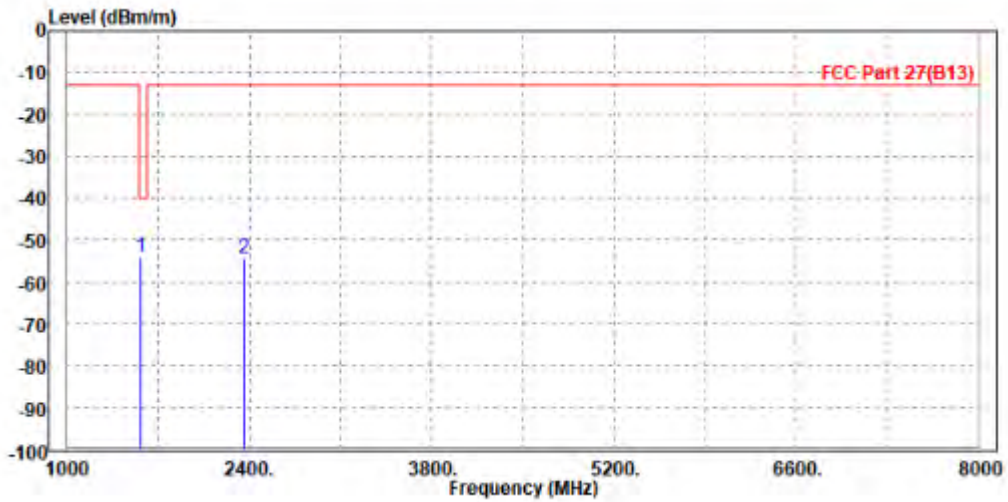
**BUREAU
VERITAS**

Test Report No.: W7L-P23030025RF06

CH23255

MODE	TX channel 23255	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1567.000	-53.86	-53.98	-40.00	-13.86	0.12	Peak	Horizontal
2	2353.500	-54.22	-59.13	-13.00	-41.22	4.91	Peak	Horizontal

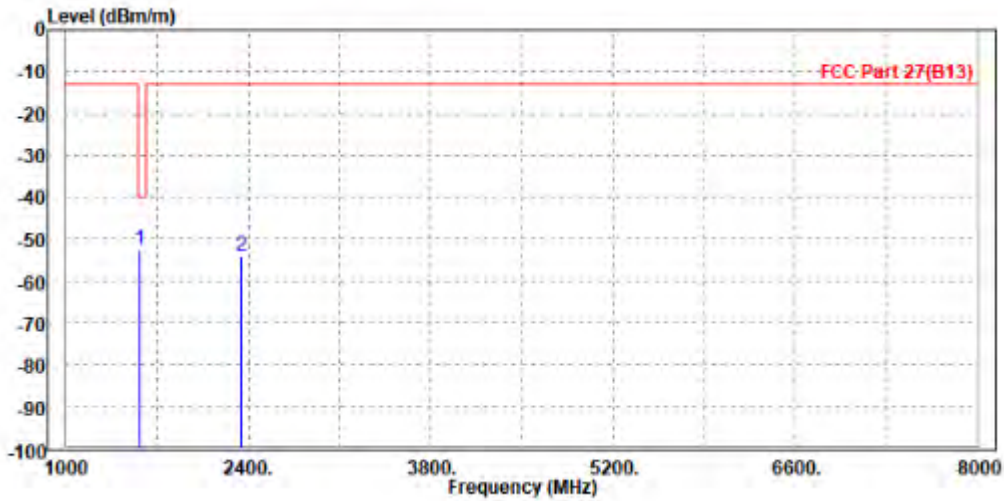




Test Report No.: W7L-P23030025RF06

MODE	TX channel 23255	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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 1569.000	-52.65	-53.11	-40.00	-12.65	0.46	Peak	Vertical
2	2351.000	-54.18	-58.72	-13.00	-41.18	4.54	Peak	Vertical



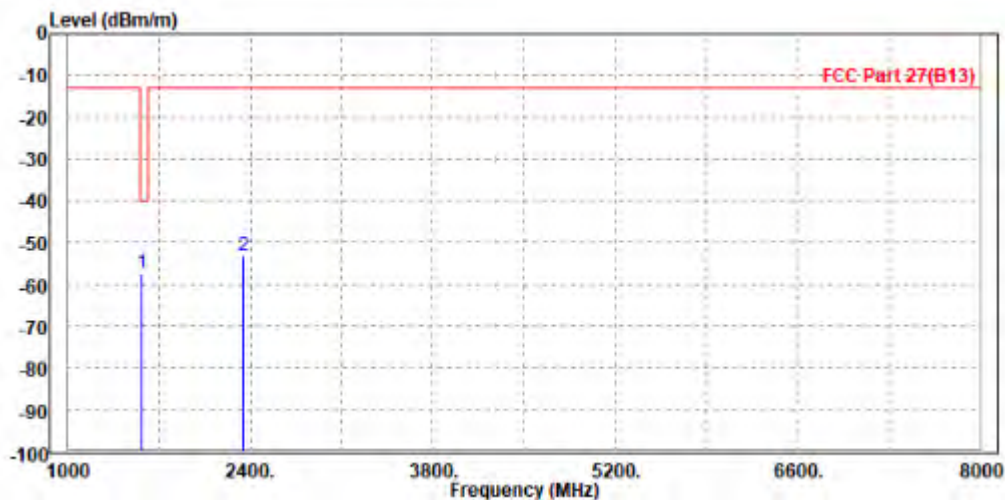


Test Report No.: W7L-P23030025RF06

CHANNEL BANDWIDTH: 10MHz /QPSK

MODE	TX channel 23230	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1564.000	-57.44	-57.54	-40.00	-17.44	0.10	Peak	Horizontal
2	2344.000	-53.38	-58.25	-13.00	-40.38	4.87	Peak	Horizontal

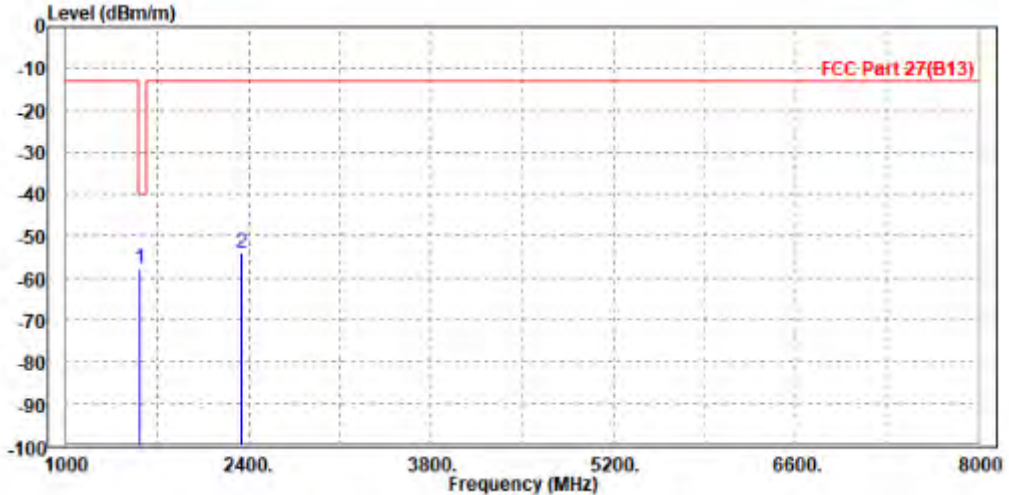




Test Report No.: W7L-P23030025RF06

MODE	TX channel 23230	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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 1567.000	-57.66	-58.11	-40.00	-17.66	0.45	Peak	Vertical
2	2346.000	-54.17	-58.69	-13.00	-41.17	4.52	Peak	Vertical





BUREAU VERITAS

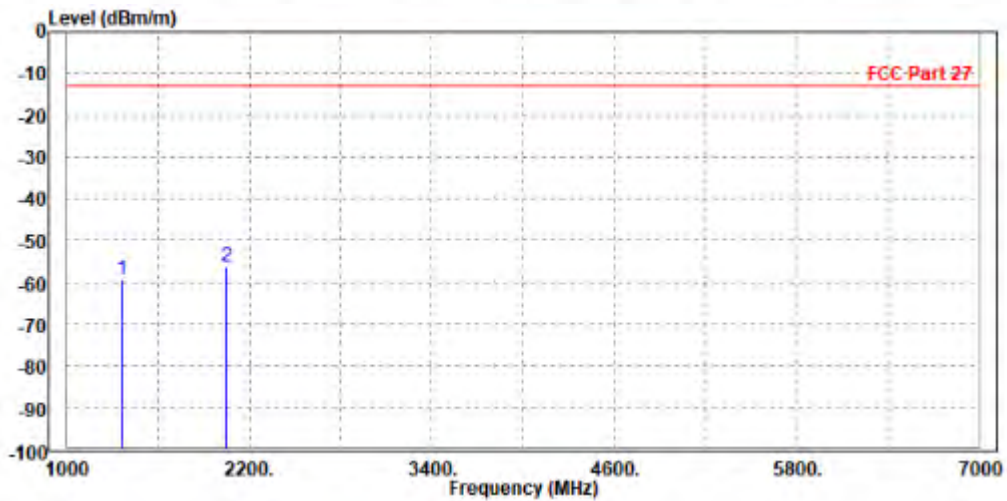
Test Report No.: W7L-P23030025RF06

LTE B71

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 133322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1361.000	-59.36	-58.57	-13.00	-46.36	-0.79	Peak	Horizontal
2 PP	2044.000	-56.42	-60.20	-13.00	-43.42	3.78	Peak	Horizontal

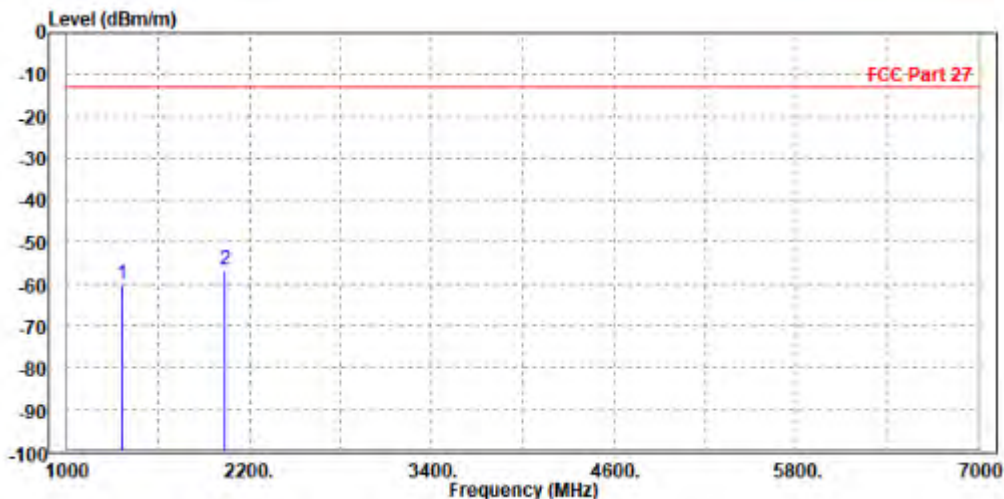




Test Report No.: W7L-P23030025RF06

MODE	TX channel 133322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1360.000	-60.14	-59.49	-13.00	-47.14	-0.65	Peak	Vertical
2 PP	2041.500	-56.60	-60.30	-13.00	-43.60	3.70	Peak	Vertical



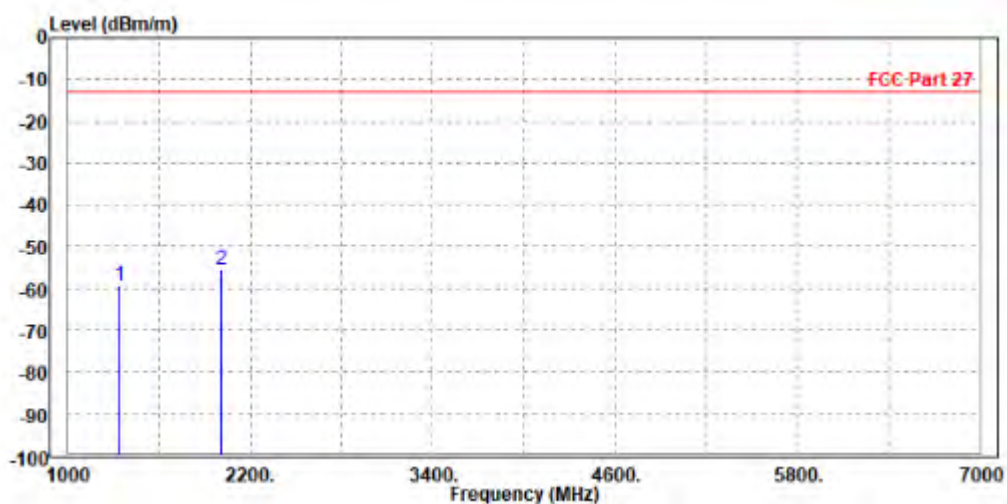


Test Report No.: W7L-P23030025RF06

CHANNEL BANDWIDTH: 10MHz / QPSK
CH133172

MODE	TX channel 133172	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1336.000	-59.40	-58.55	-13.00	-46.40	-0.85	Peak	Horizontal
2 PP	2004.000	-55.69	-59.32	-13.00	-42.69	3.63	Peak	Horizontal

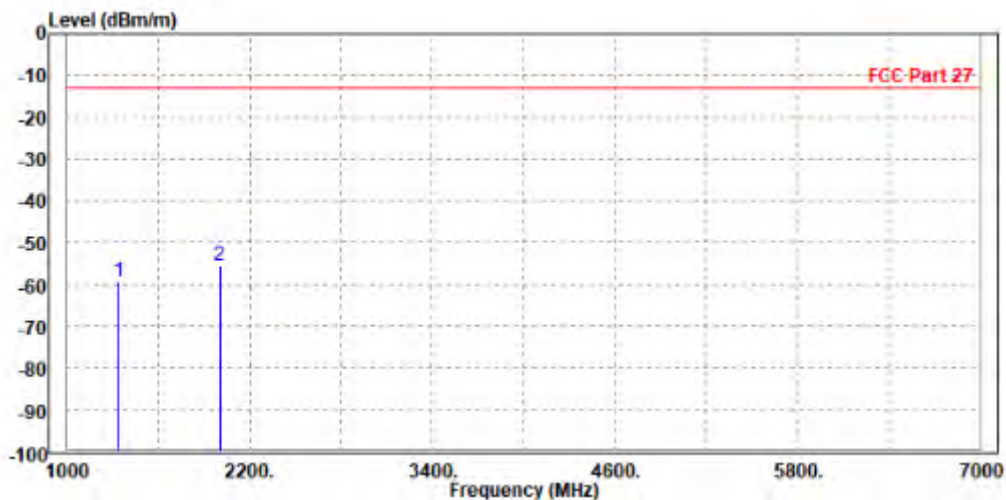




Test Report No.: W7L-P23030025RF06

MODE	TX channel 133172	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1336.000	-59.48	-58.73	-13.00	-46.48	-0.75	Peak	Vertical
2 PP	2002.000	-55.61	-59.20	-13.00	-42.61	3.59	Peak	Vertical





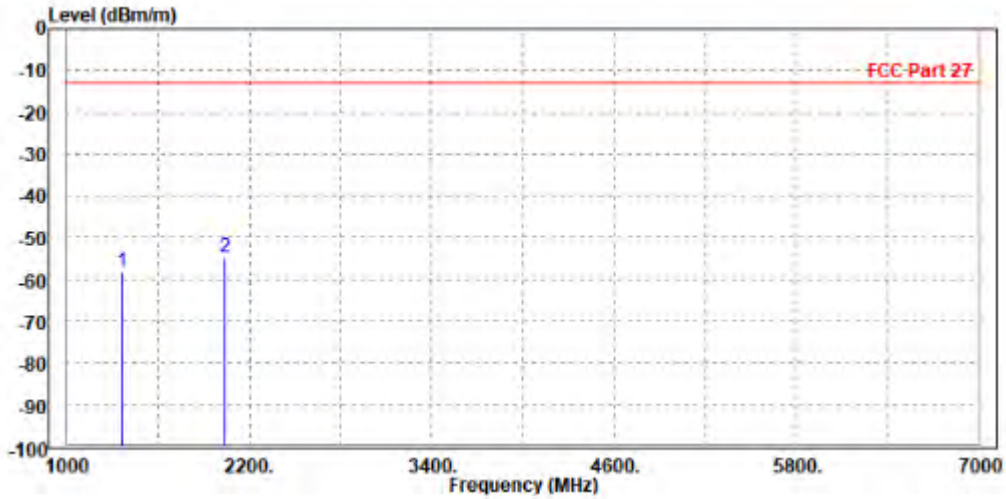
BUREAU VERITAS

Test Report No.: W7L-P23030025RF06

CH133272

MODE	TX channel 133272	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1360.000	-58.36	-57.57	-13.00	-45.36	-0.79	Peak	Horizontal
2 PP	2041.500	-54.93	-58.70	-13.00	-41.93	3.77	Peak	Horizontal

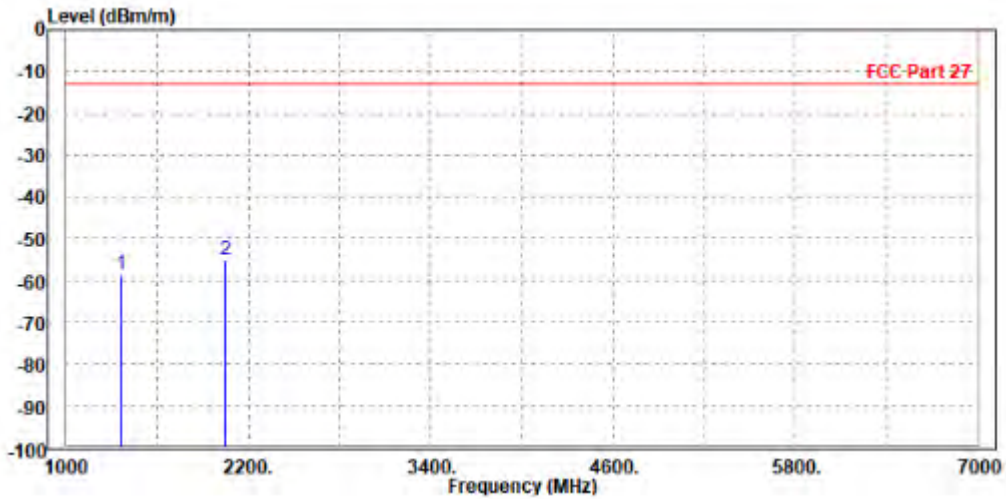




Test Report No.: W7L-P23030025RF06

MODE	TX channel 133272	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1361.000	-58.51	-57.87	-13.00	-45.51	-0.64	Peak	Vertical
2 PP	2044.000	-55.21	-58.91	-13.00	-42.21	3.70	Peak	Vertical





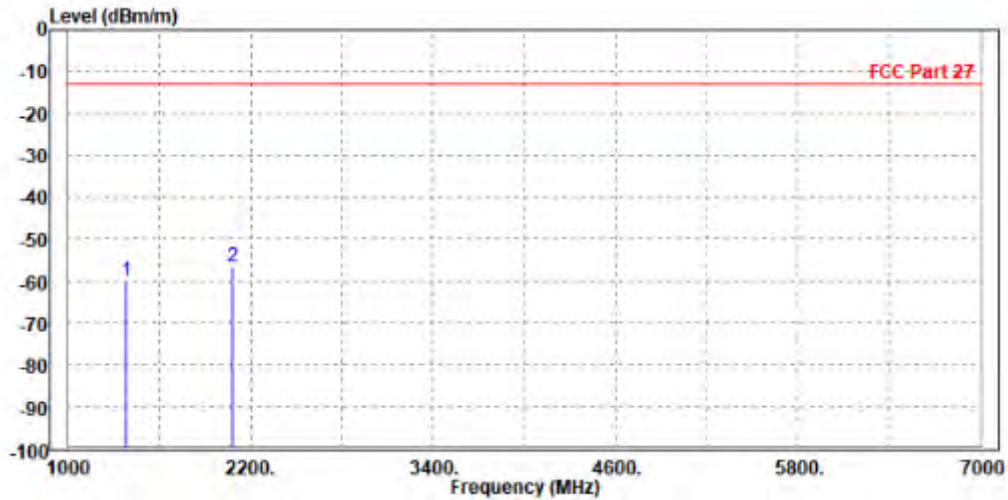
BUREAU VERITAS

Test Report No.: W7L-P23030025RF06

CH133422

MODE	TX channel 133422	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1386.000	-60.14	-59.42	-13.00	-47.14	-0.72	Peak	Horizontal
2	PP 2080.000	-56.78	-60.69	-13.00	-43.78	3.91	Peak	Horizontal

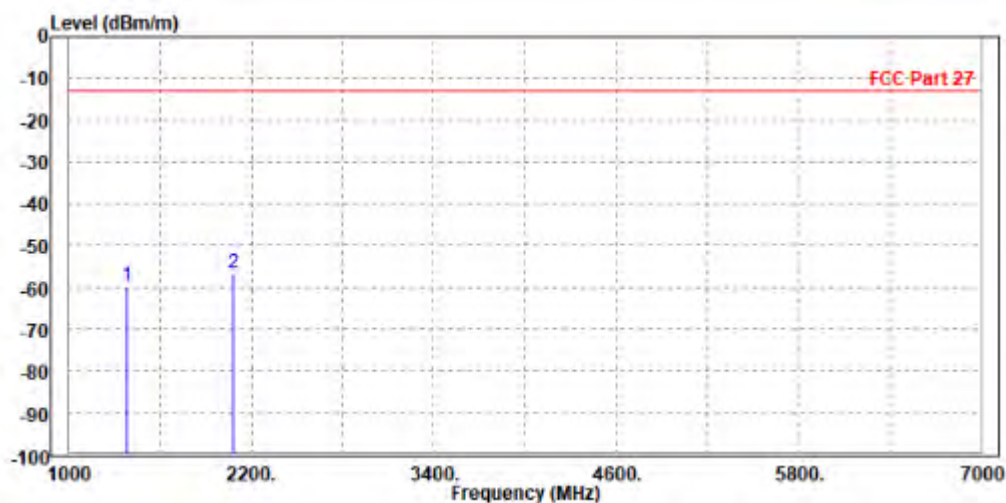




Test Report No.: W7L-P23030025RF06

MODE	TX channel 133422	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1384.000	-59.68	-59.14	-13.00	-46.68	-0.54	Peak	Vertical
2 PP	2079.000	-56.64	-60.44	-13.00	-43.64	3.80	Peak	Vertical



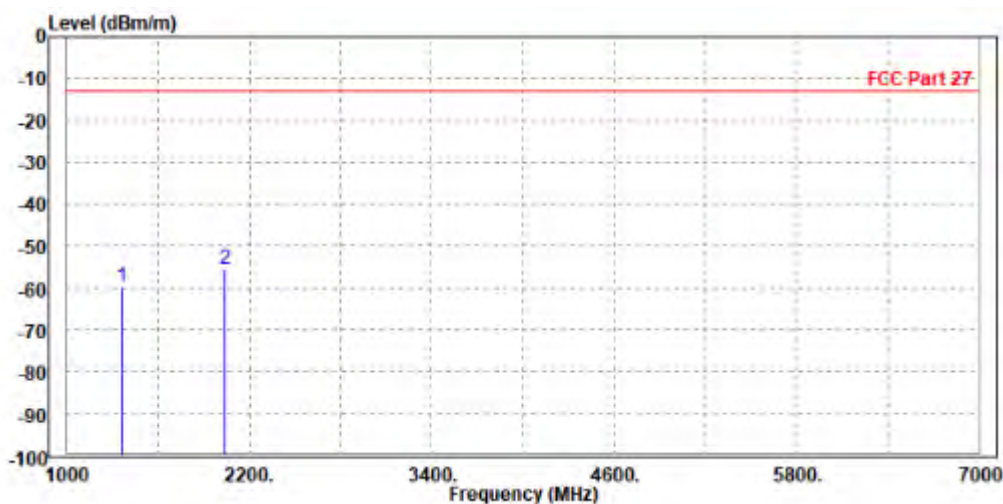


Test Report No.: W7L-P23030025RF06

CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 133297	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1360.000	-59.64	-58.85	-13.00	-46.64	-0.79	Peak	Horizontal
2 PP	2041.500	-55.52	-59.29	-13.00	-42.52	3.77	Peak	Horizontal

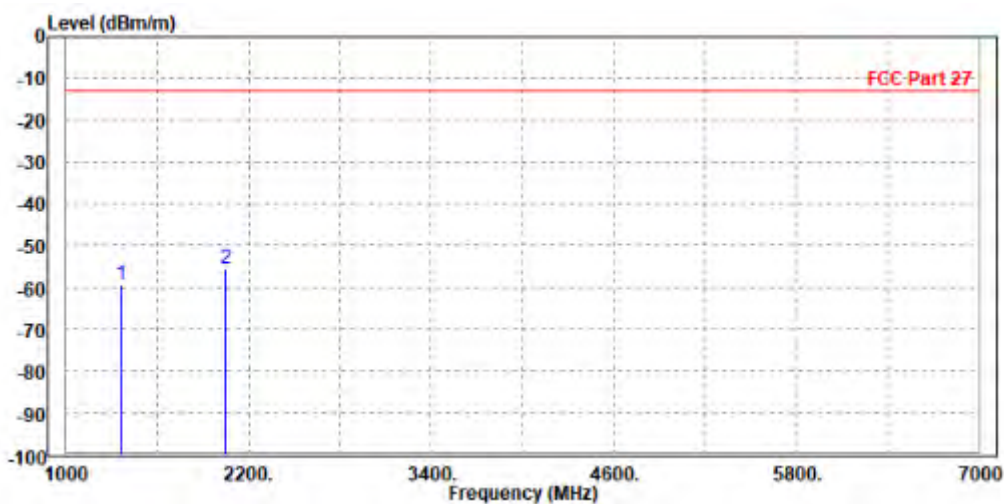




Test Report No.: W7L-P23030025RF06

MODE	TX channel 133297	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1361.000	-59.21	-58.57	-13.00	-46.21	-0.64	Peak	Vertical
2 PP	2044.000	-55.58	-59.28	-13.00	-42.58	3.70	Peak	Vertical



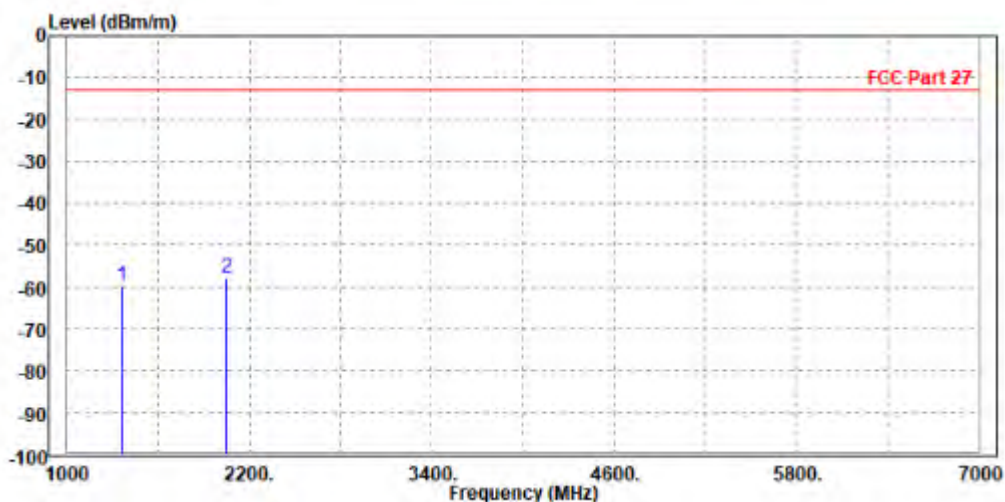


Test Report No.: W7L-P23030025RF06

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 133322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1360.000	-59.65	-60.49	-13.00	-46.65	0.84	Peak	Horizontal
2 PP	2044.000	-57.78	-65.37	-13.00	-44.78	7.59	Peak	Horizontal

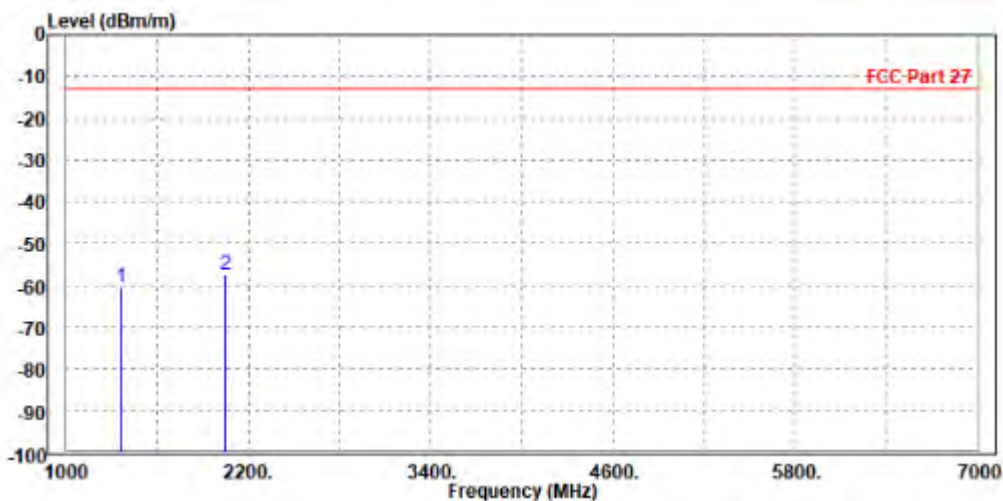




Test Report No.: W7L-P23030025RF06

MODE	TX channel 133322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	EUT 4.0V
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	1360.000	-60.28	-61.74	-13.00	-47.28	1.46	Peak	Vertical
2 PP	2044.000	-57.34	-63.95	-13.00	-44.34	6.61	Peak	Vertical

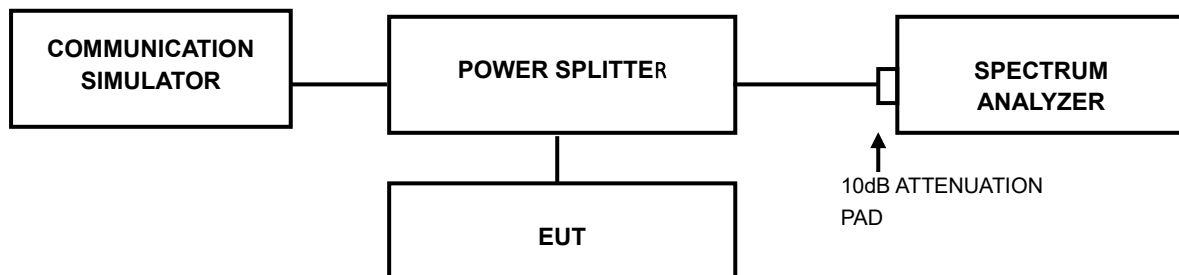


3.7 PEAK TO AVERAGE RATIO

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%.



Test Report No.: W7L-P23030025RF06

3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.



Test Report No.: W7L-P23030025RF06

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

Web Site: 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-P23030025RF06

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.



6 APPENDIX

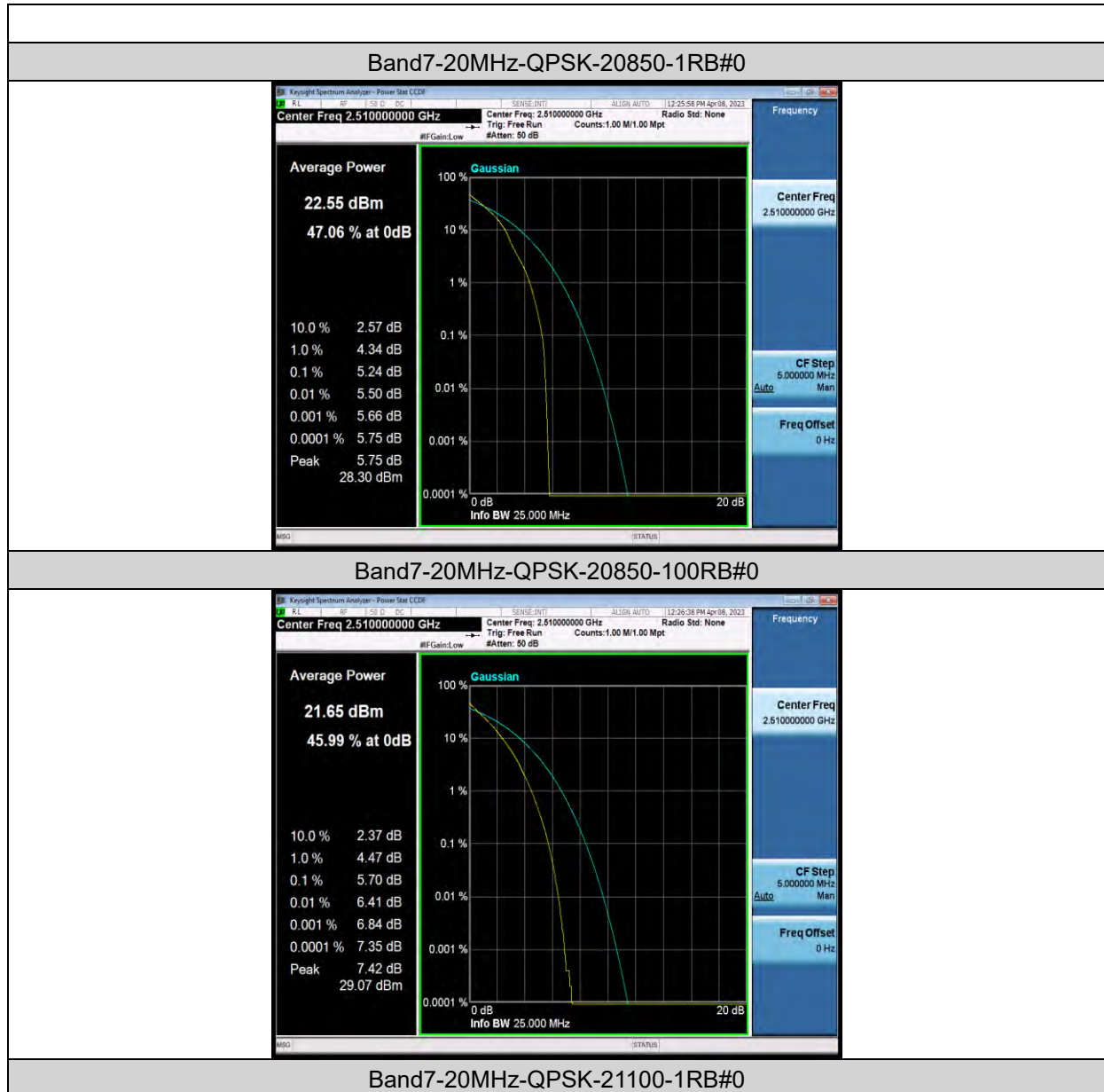
LTE BAND7

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	1RB#0	5.24	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.70	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.37	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.48	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.14	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.55	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	6.24	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.48	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	6.47	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.40	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	6.33	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.41	13	PASS
Band7	20MHz	64QAM	20850	1RB#0	6.32	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.79	13	PASS
Band7	20MHz	64QAM	21100	1RB#0	6.65	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.73	13	PASS
Band7	20MHz	64QAM	21350	1RB#0	6.18	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.72	13	PASS

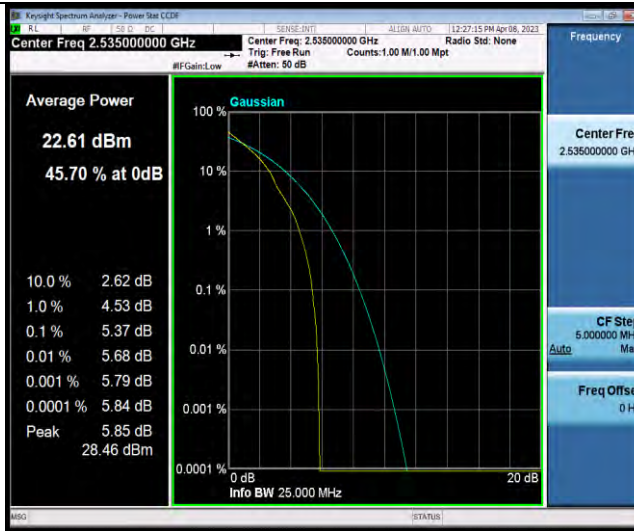
Test Graphs





BUREAU VERITAS

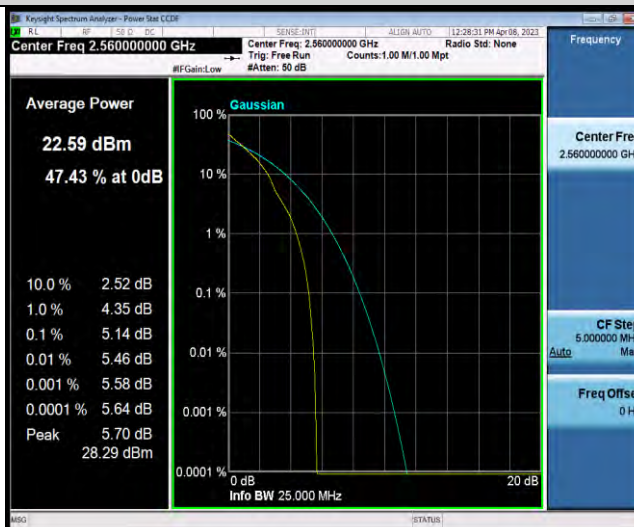
Test Report No.: W7L-P23030025RF06



Band7-20MHz-QPSK-21100-100RB#0



Band7-20MHz-QPSK-21350-1RB#0

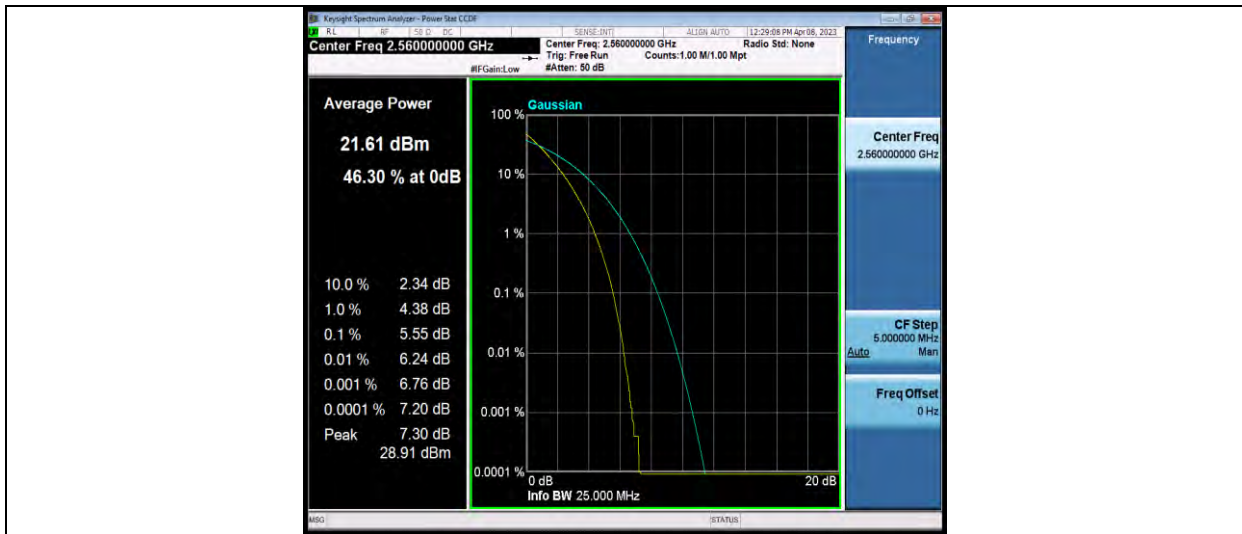


Band7-20MHz-QPSK-21350-100RB#0

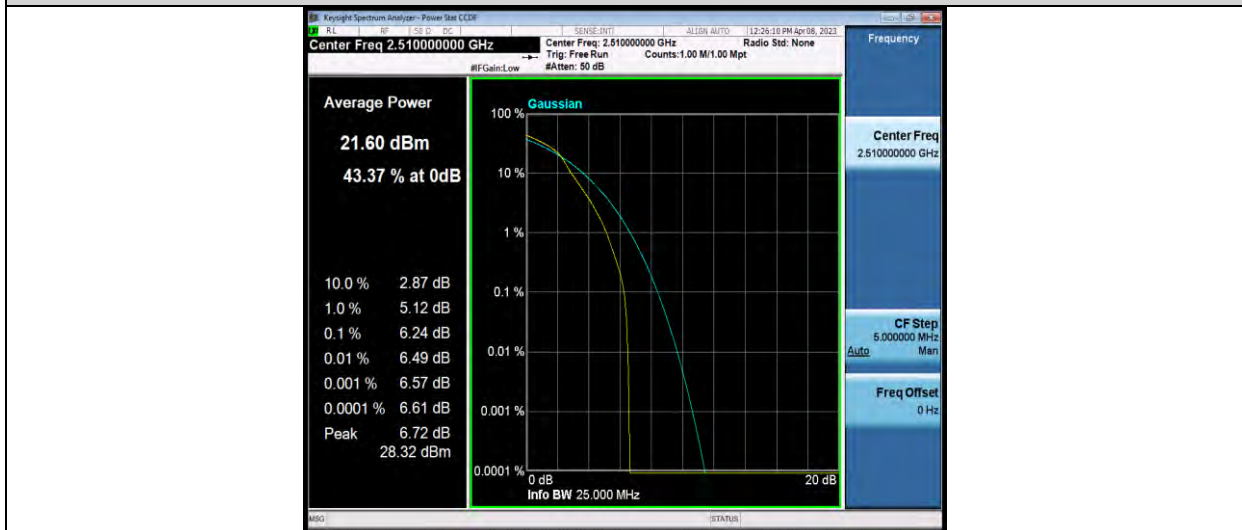


BUREAU VERITAS

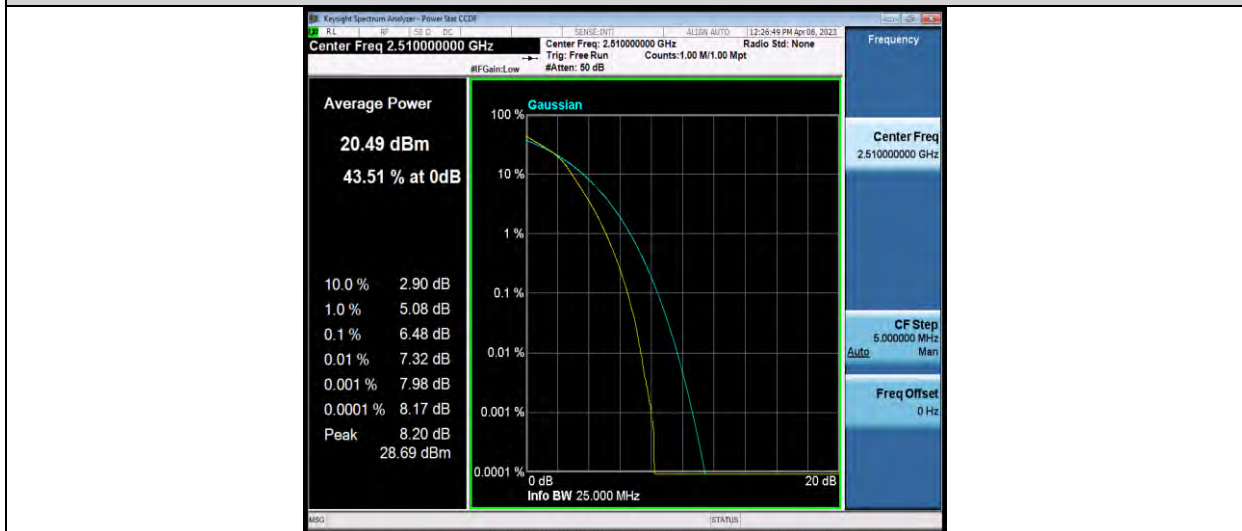
Test Report No.: W7L-P23030025RF06



Band7-20MHz-16QAM-20850-1RB#0



Band7-20MHz-16QAM-20850-100RB#0

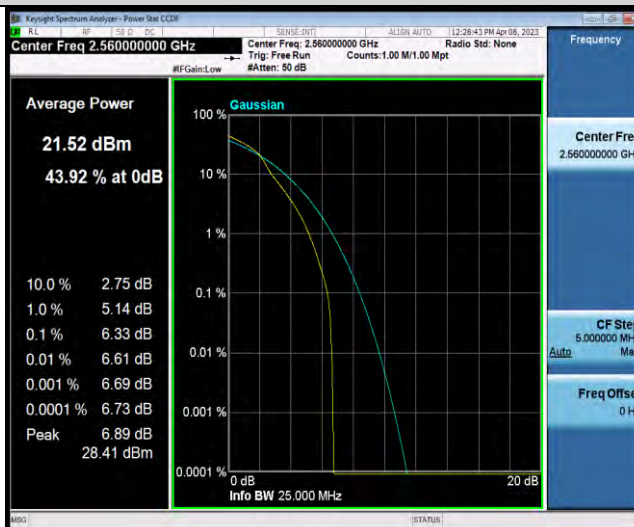
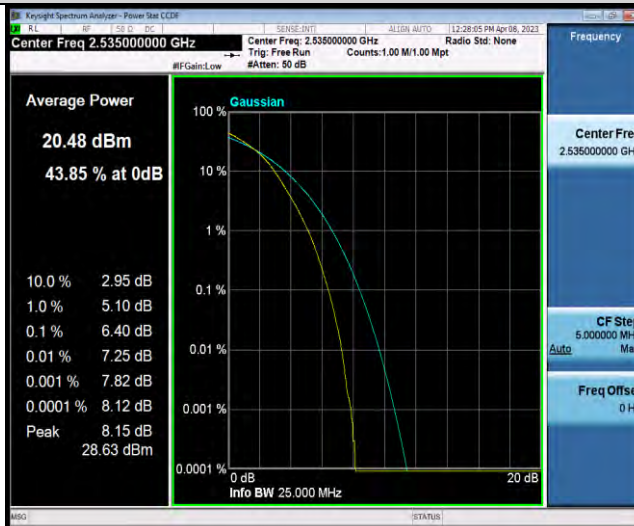
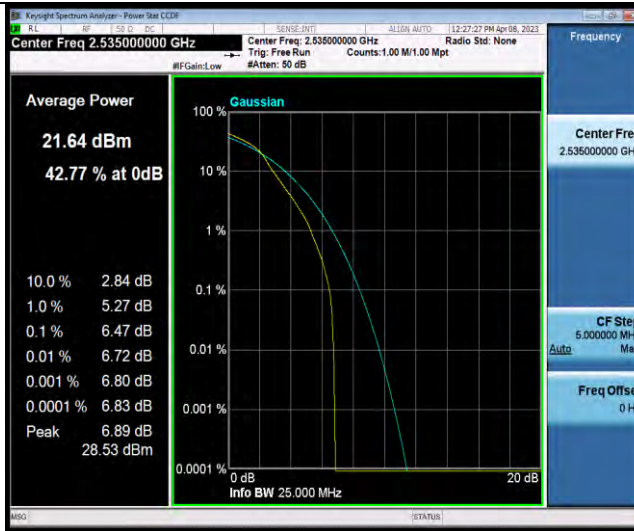


Band7-20MHz-16QAM-21100-1RB#0



BUREAU
VERITAS

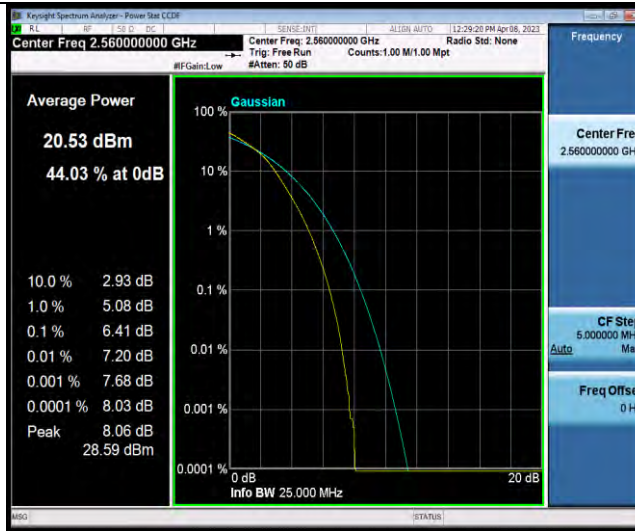
Test Report No.: W7L-P23030025RF06



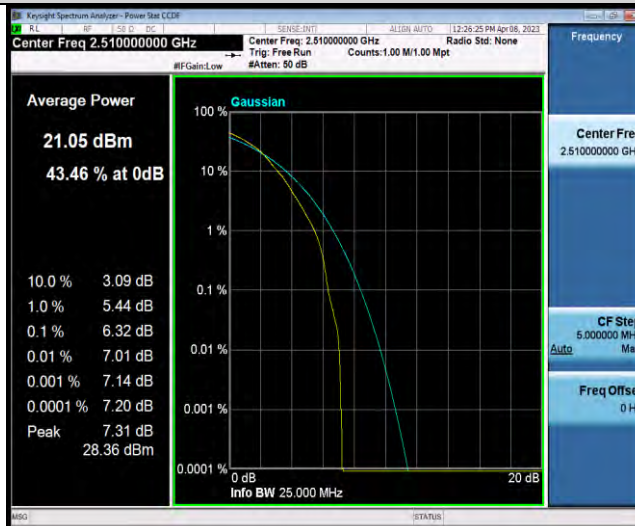


BUREAU VERITAS

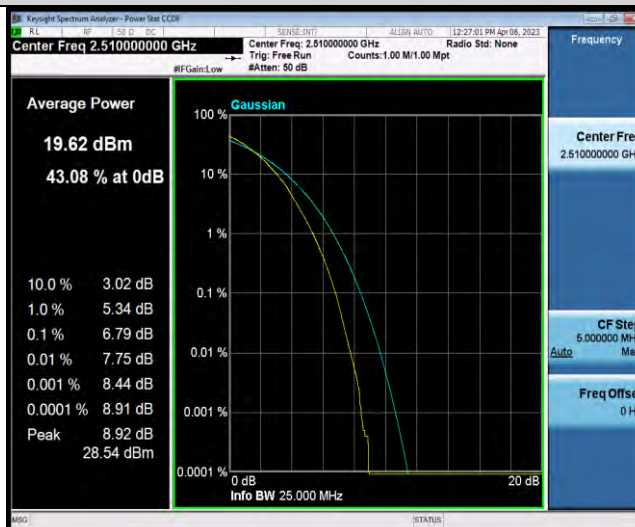
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Band7-20MHz-64QAM-20850-1RB#0



Band7-20MHz-64QAM-20850-100RB#0

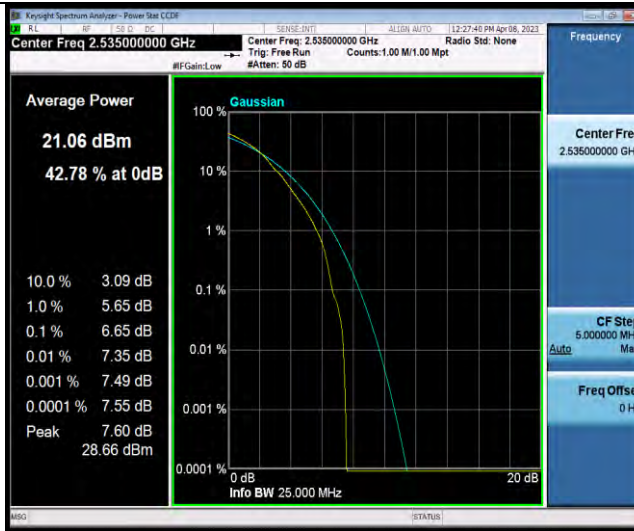


Band7-20MHz-64QAM-21100-1RB#0

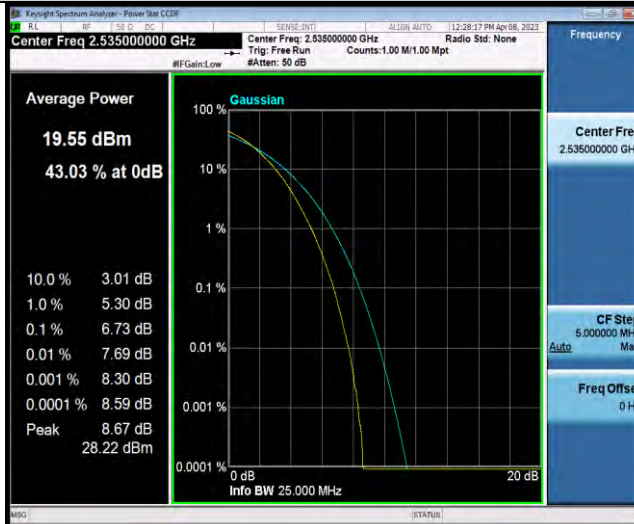


BUREAU
VERITAS

Test Report No.: W7L-P23030025RF06



Band7-20MHz-64QAM-21100-100RB#0



Band7-20MHz-64QAM-21350-1RB#0

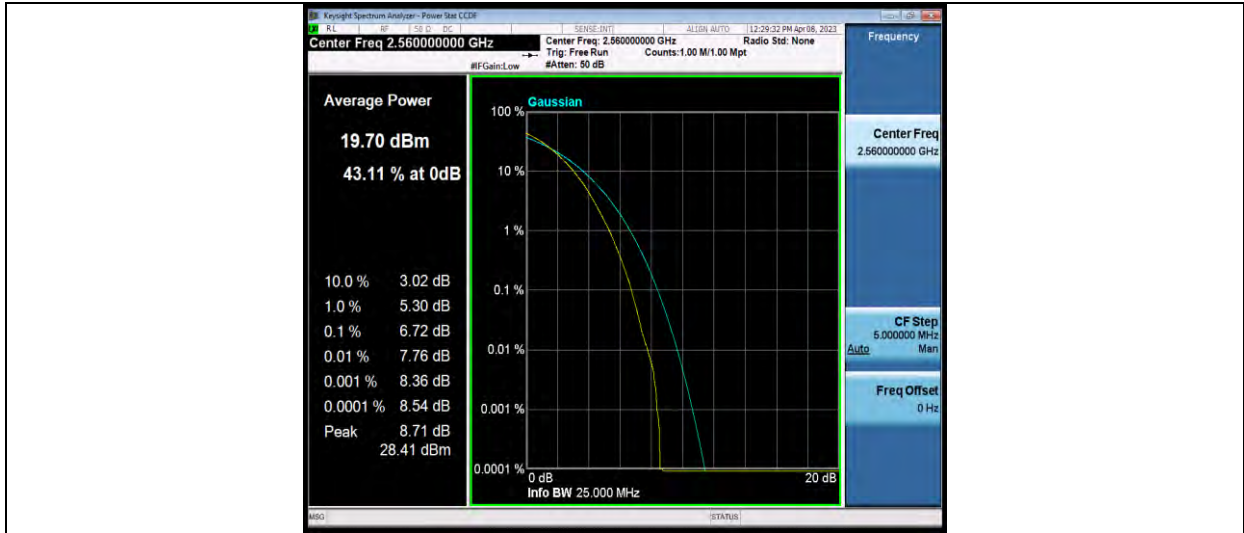


Band7-20MHz-64QAM-21350-100RB#0



BUREAU VERITAS

Test Report No.: W7L-P23030025RF06





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4936	4.836	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4880	4.835	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4893	4.850	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4985	4.876	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4947	4.822	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4974	4.863	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.4931	4.859	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.4935	4.853	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.4890	4.850	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9674	9.569	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9623	9.524	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9600	9.533	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9558	9.560	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9606	9.520	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9535	9.509	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.9524	9.562	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.9538	9.520	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.9545	9.537	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.454	14.26	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.415	14.21	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.419	14.23	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.439	14.26	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.391	14.20	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.431	14.22	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.442	14.26	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.399	14.22	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.419	14.23	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.939	19.03	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.863	18.92	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.905	18.98	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.934	19.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.849	18.91	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.914	18.95	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.948	19.01	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.829	18.91	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.907	18.97	PASS