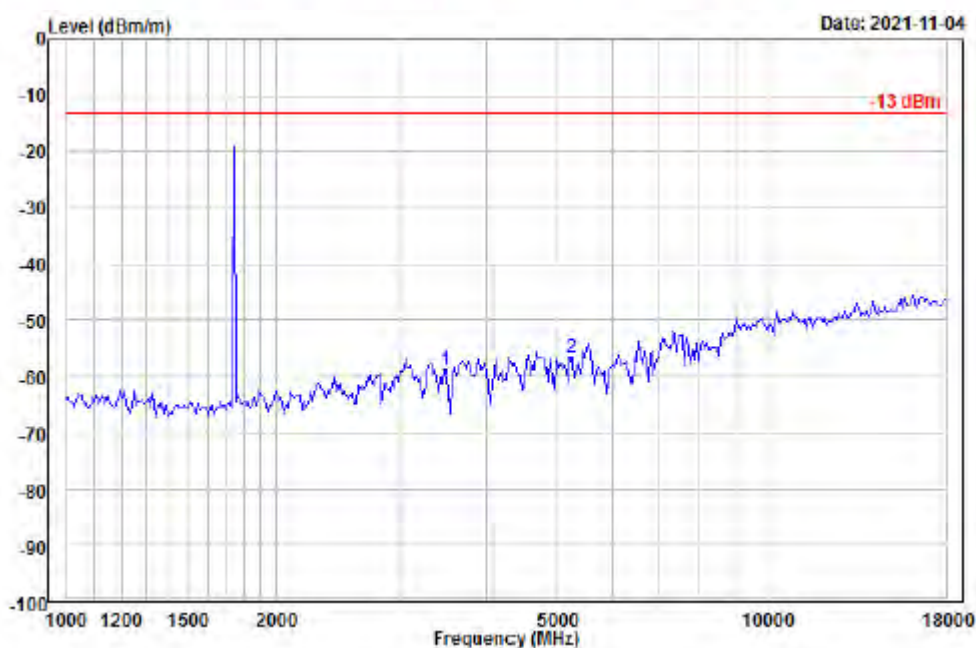


CHANNEL BANDWIDTH: 5MHz / QPSK

CH132322

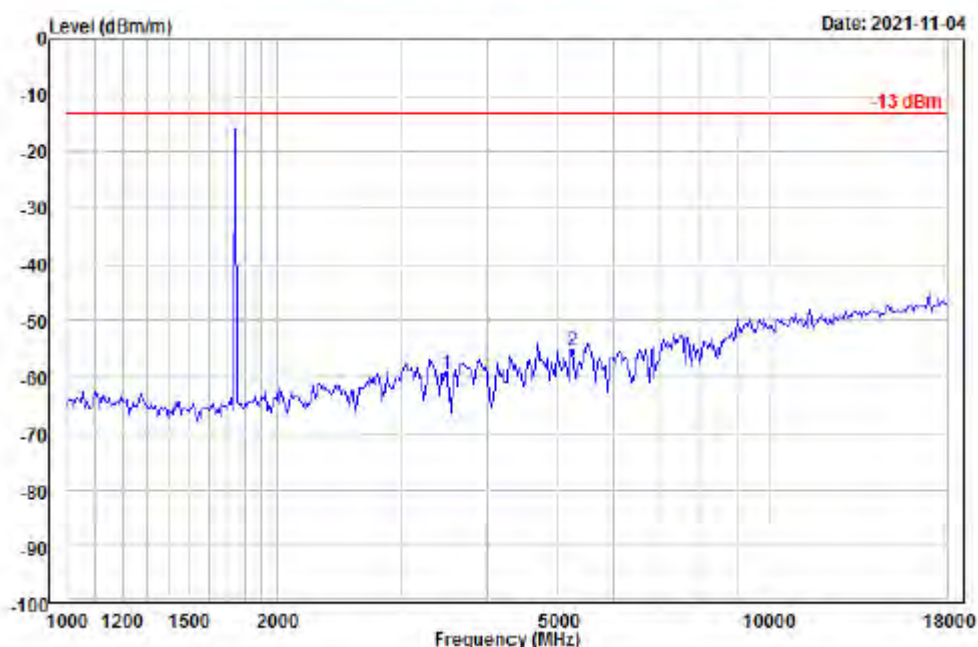
MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Rema
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	3490.000	-65.59	33.40	46.72	0.00	20.03	-58.88	-13.00	-45.88	---	---	Peak
2 PP	5235.000	-67.16	34.98	46.18	0.00	21.64	-56.72	-13.00	-43.72	---	---	Peak



MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

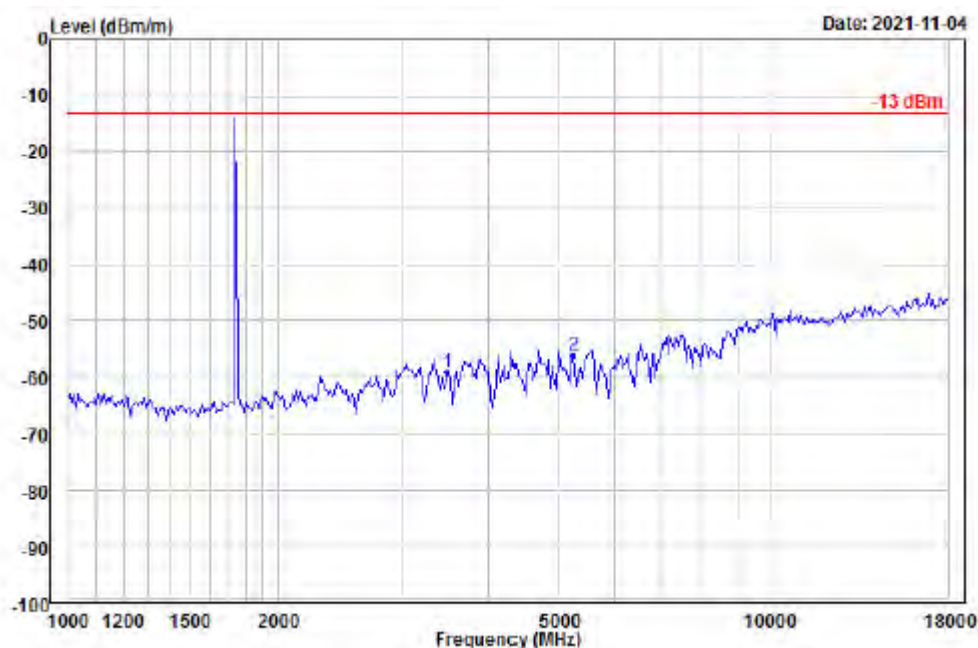
	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit	Over Limit	APos	TPos	Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	3490.000	-66.12	33.40	46.72	0.00	20.03	-59.41	-13.00	-46.41	---	---	Peak
2 PP	5235.000	-65.74	34.98	46.18	0.00	21.64	-55.30	-13.00	-42.30	---	---	Peak



CHANNEL BANDWIDTH: 10MHz / QPSK

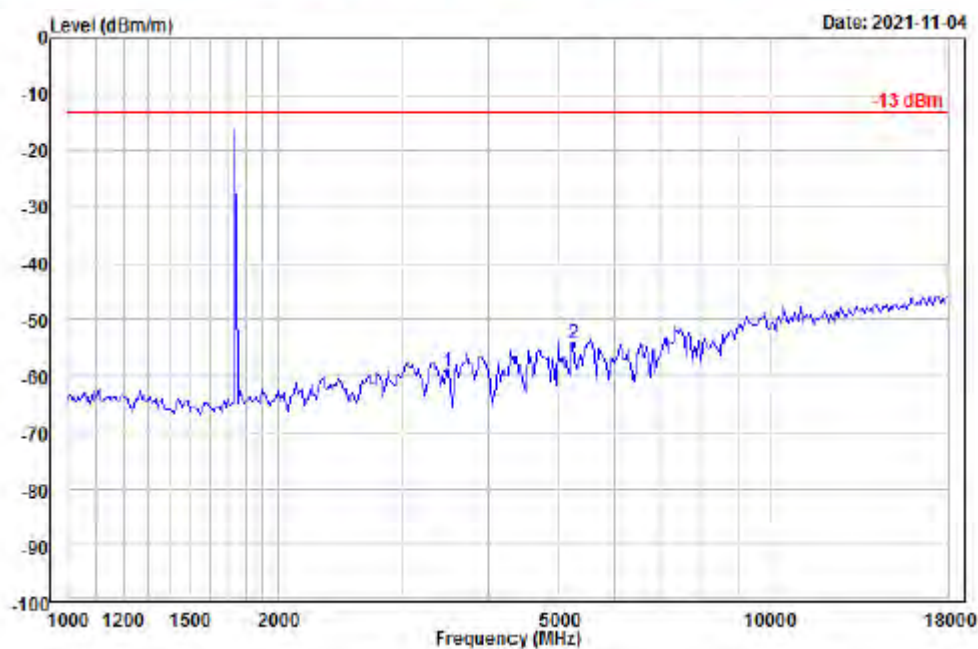
MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	3490.000	-65.92	33.40	46.72	0.00	20.03	-59.21	-13.00	-46.21	---	---	Peak
2 PP	5235.000	-66.64	34.98	46.18	0.00	21.64	-56.20	-13.00	-43.20	---	---	Peak



MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

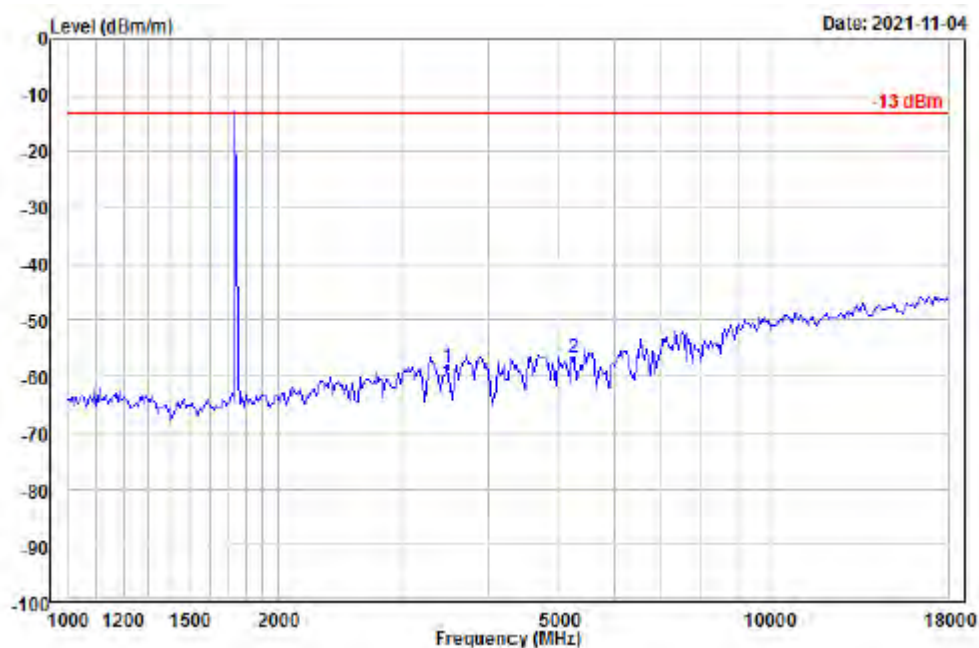
	Freq	Read Level	Ant Factor	Preampl Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Rema
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	3490.000	-65.85	33.40	46.72	0.00	20.03	-59.14	-13.00	-46.14	---	---	Peak
2 PP	5235.000	-64.53	34.98	46.18	0.00	21.64	-54.09	-13.00	-41.09	---	---	Peak



CHANNEL BANDWIDTH: 15MHz / QPSK

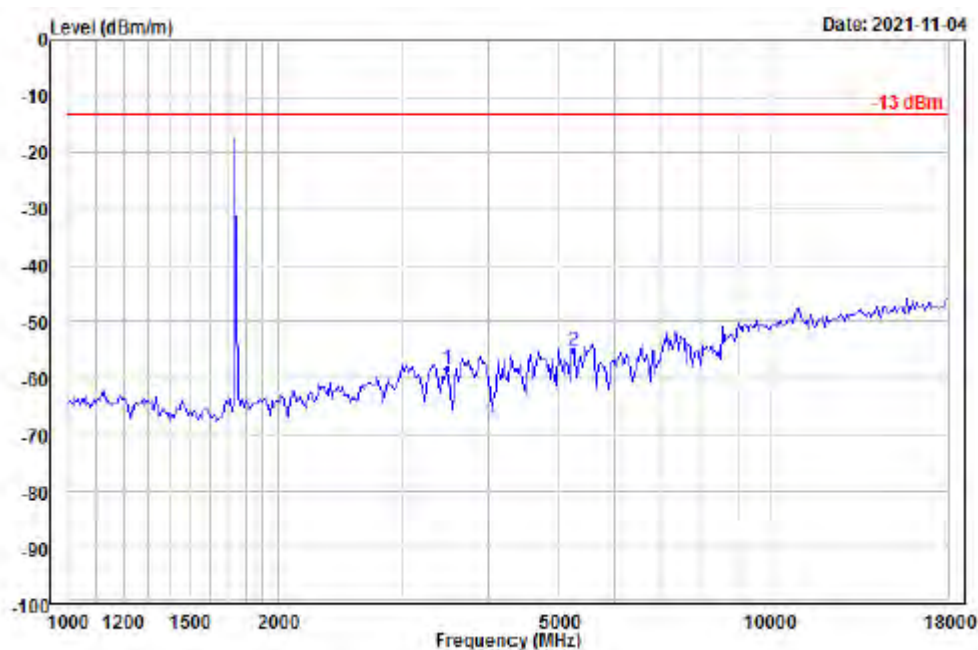
MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	3490.000	-65.10	33.40	46.72	0.00	20.03	-58.39	-13.00	-45.39	---	---	Peak
2 PP	5235.000	-67.21	34.98	46.18	0.00	21.64	-56.77	-13.00	-43.77	---	---	Peak



MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	3490.000	-64.89	33.40	46.72	0.00	20.03	-58.18	-13.00	-45.18	---	---	Peak
2 PP	5235.000	-65.54	34.98	46.18	0.00	21.64	-55.10	-13.00	-42.10	---	---	Peak

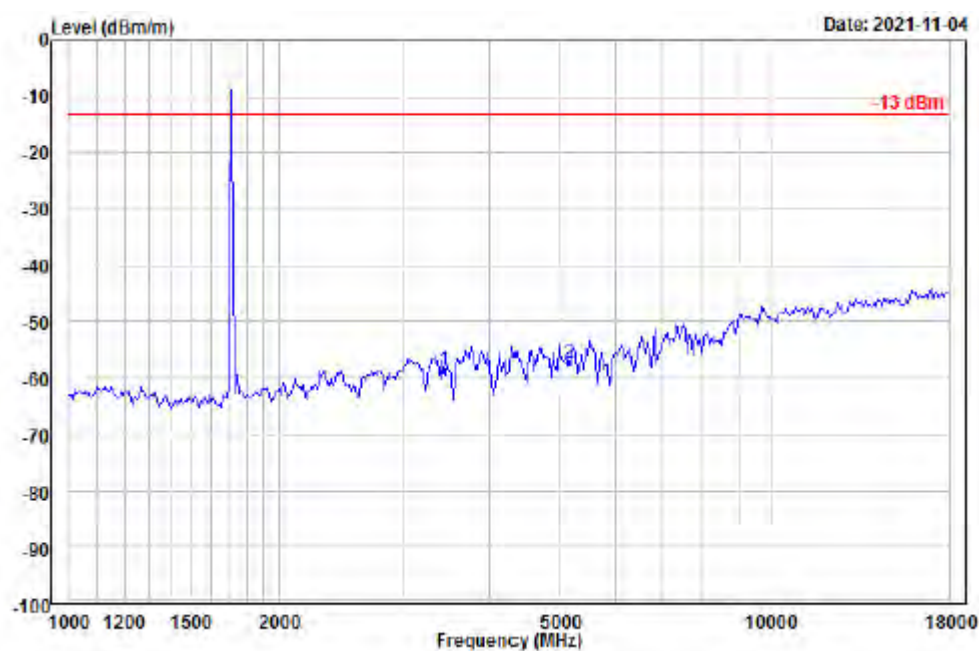


CHANNEL BANDWIDTH: 20MHz / QPSK

CH132072

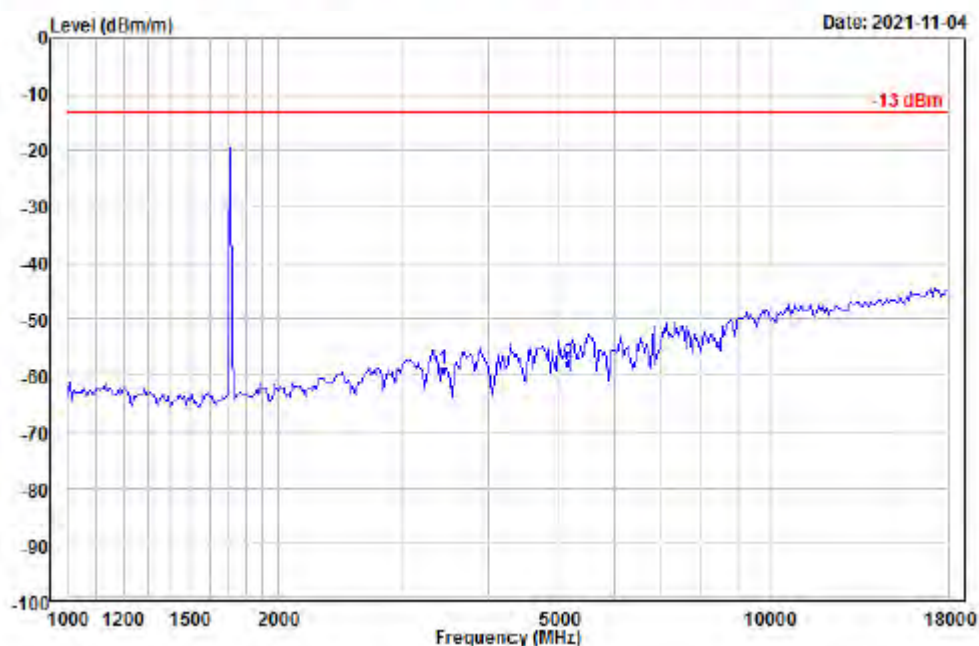
MODE	TX channel 132072	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Rem:
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	3440.000	-65.24	33.41	46.84	0.00	19.96	-58.71	-13.00	-45.71	---	---	Peak
2 PP	5160.000	-67.44	34.89	46.31	0.00	21.52	-57.34	-13.00	-44.34	---	---	Peak



MODE	TX channel 132072	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

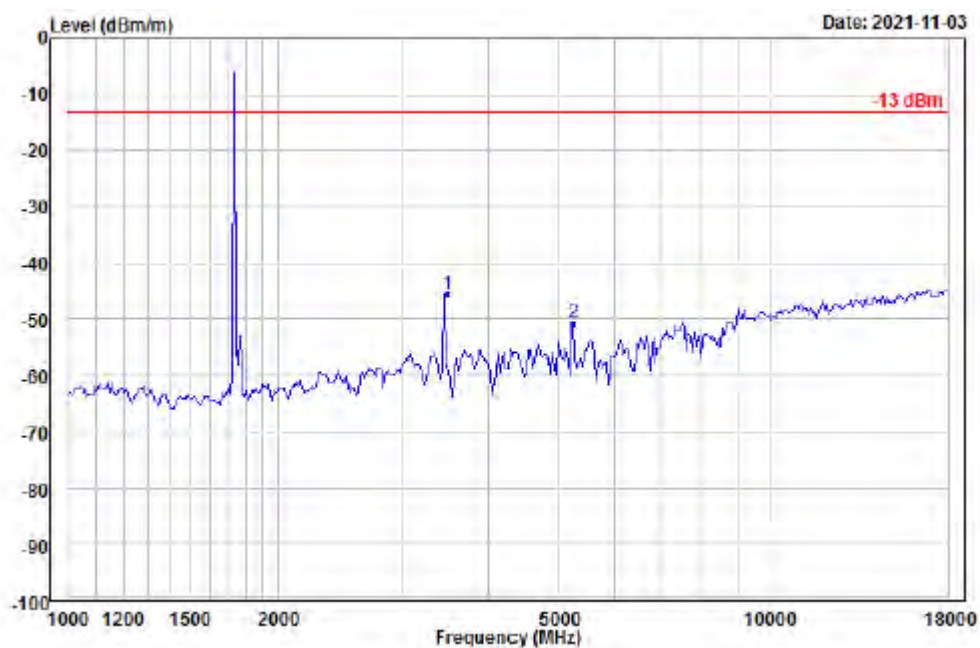
	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit	Over Limit	APos	TPos	Rema
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	3440.000	-65.38	33.41	46.84	0.00	19.96	-58.85	-13.00	-45.85	---	---	Peak
2 PP	5160.000	-67.86	34.89	46.31	0.00	21.52	-57.76	-13.00	-44.76	---	---	Peak



CH132322

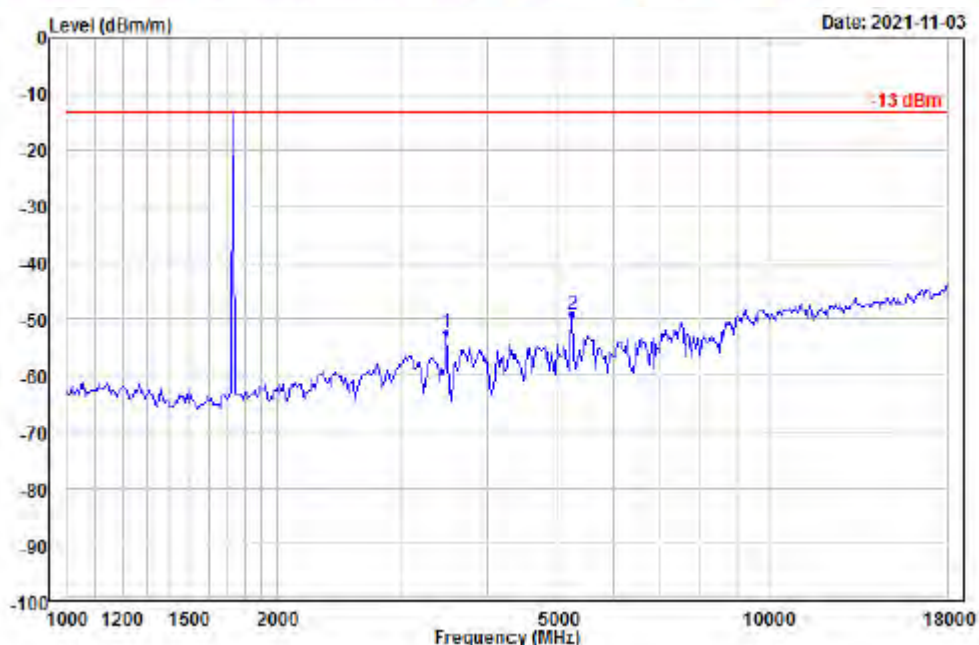
MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

		Read	Ant	Preamp	Aux	Cable		Limit	Over	APos	TPos	
	Freq	Level	Factor	Factor	Factor	Loss	Level	Line	Limit			Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	PP 3490.000	-52.11	33.40	46.72	0.00	20.03	-45.40	-13.00	-32.40	---	---	Peak
2	5235.000	-61.07	34.98	46.18	0.00	21.64	-50.63	-13.00	-37.63	---	---	Peak



MODE	TX channel 132322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

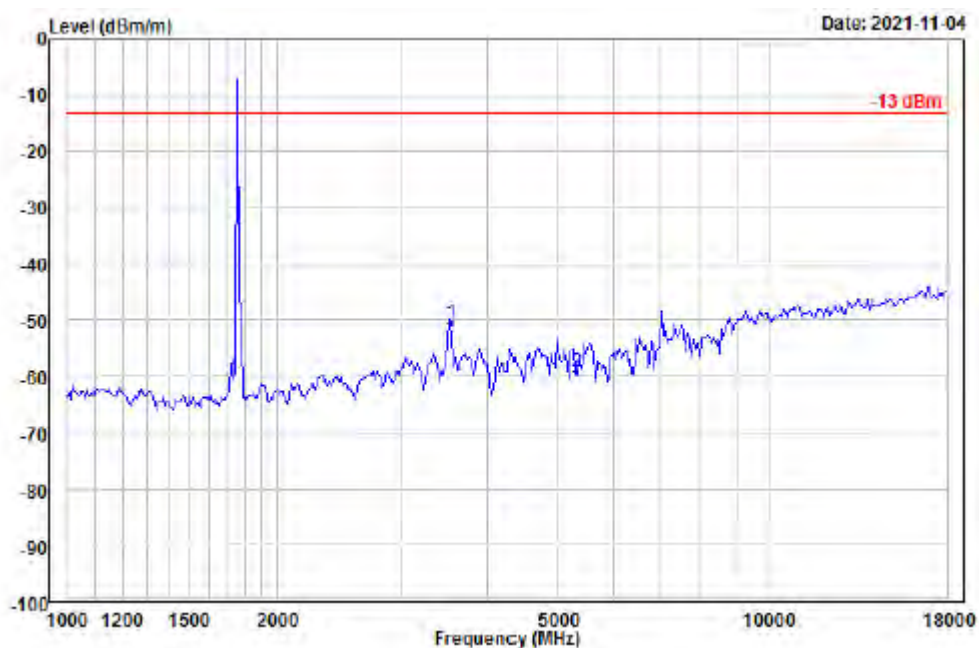
	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit	Over	APos	TPos	Rem
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	3490.000	-59.07	33.40	46.72	0.00	20.03	-52.36	-13.00	-39.36	---	---	Peak
2 PP	5235.000	-59.48	34.98	46.18	0.00	21.64	-49.04	-13.00	-36.04	---	---	Peak



CH132572

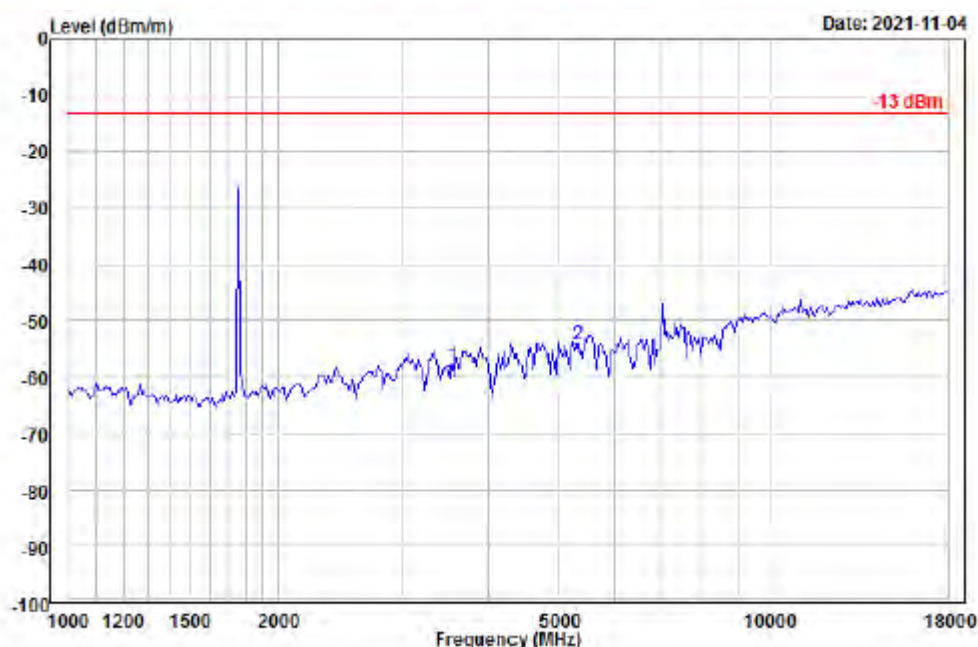
MODE	TX channel 132572	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

		Read	Ant	Preamp	Aux	Cable		Limit	Over	APos	TPos	
	Freq	Level	Factor	Factor	Factor	Loss	Level	Line	Limit			Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	PP 3540.000	-57.23	33.47	46.66	0.00	20.10	-58.32	-13.00	-37.32	---	---	Peak
2	5310.000	-69.96	35.07	46.84	0.00	21.82	-59.11	-13.00	-46.11	---	---	Peak



MODE	TX channel 132572	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Read Freq	Ant Level	Preamp Factor	Aux Factor	Cable Loss	Limit Level	Over Limit	APos	TPos	Rema
	MHz	dBm	dB/m	dB	dB	dBm/m	dBm/m	dB	cm	deg
1	3540.000	-65.05	33.47	46.66	0.00	20.10	-58.14	-13.00	-45.14	---
2 PP	5310.000	-65.19	35.07	46.04	0.00	21.82	-54.34	-13.00	-41.34	---

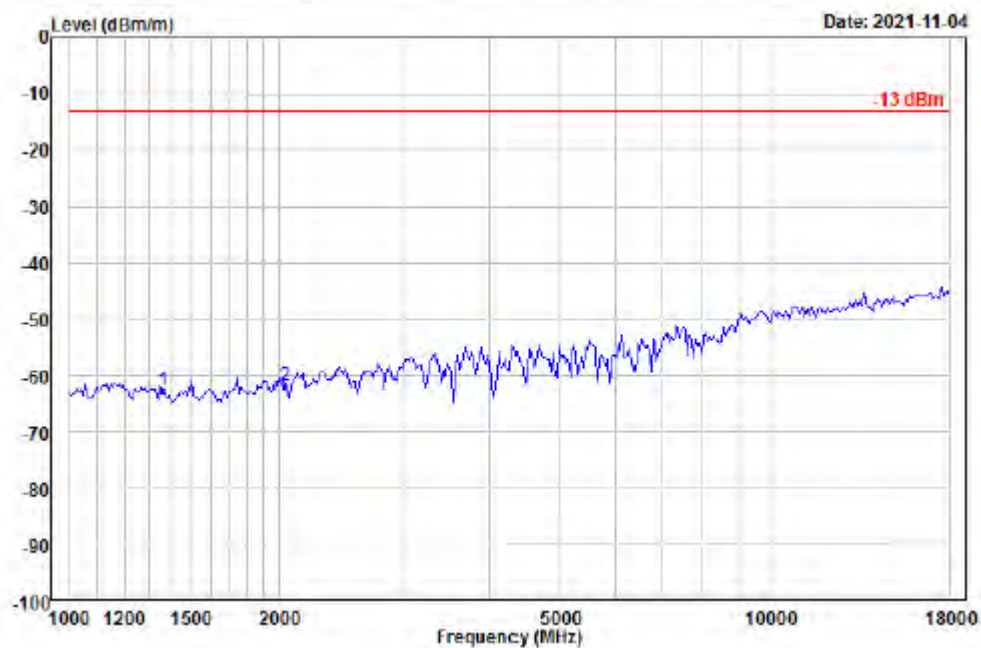


LTE B71

CHANNEL BANDWIDTH: 5MHz / QPSK

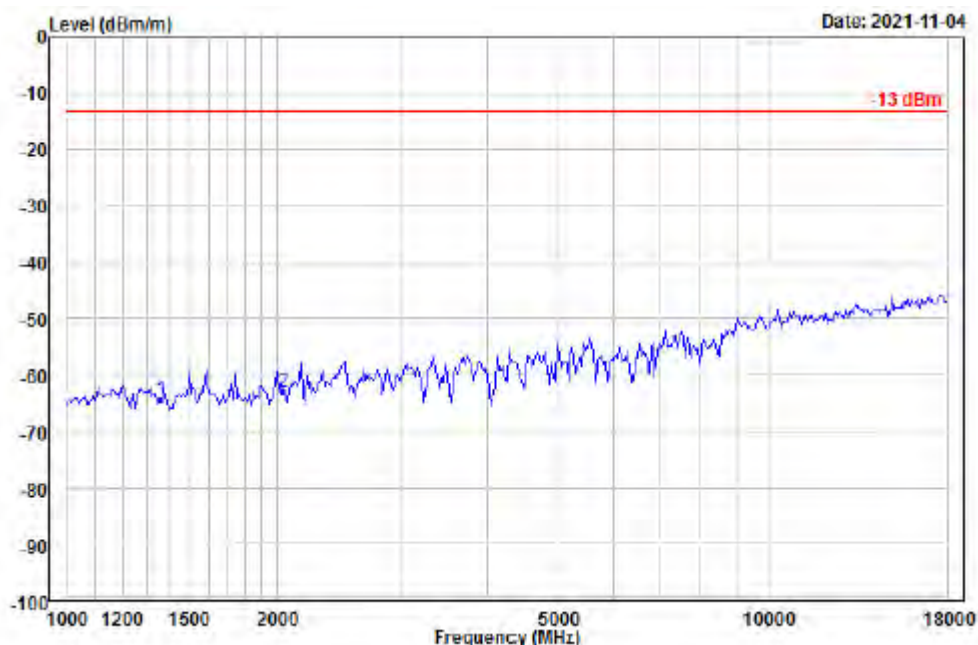
MODE	TX channel 133247	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Ant Factor	Preampl Factor	Aux Factor	Cable Loss	Level	Limit	Over Limit	APos	TPos	Remarks
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1361.888	-61.79	29.22	47.49	0.00	17.26	-62.80	-13.80	-49.80	---	---	Peak
2 PP	2041.588	-64.07	31.72	47.82	0.00	18.38	-61.79	-13.80	-48.79	---	---	Peak



MODE	TX channel 133247	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Rema
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1361.000	-63.29	29.22	47.49	0.00	17.26	-64.30	-13.00	-51.30	---	---	Peak
2 PP	2041.500	-65.26	31.72	47.82	0.00	18.30	-62.98	-13.00	-49.98	---	---	Peak





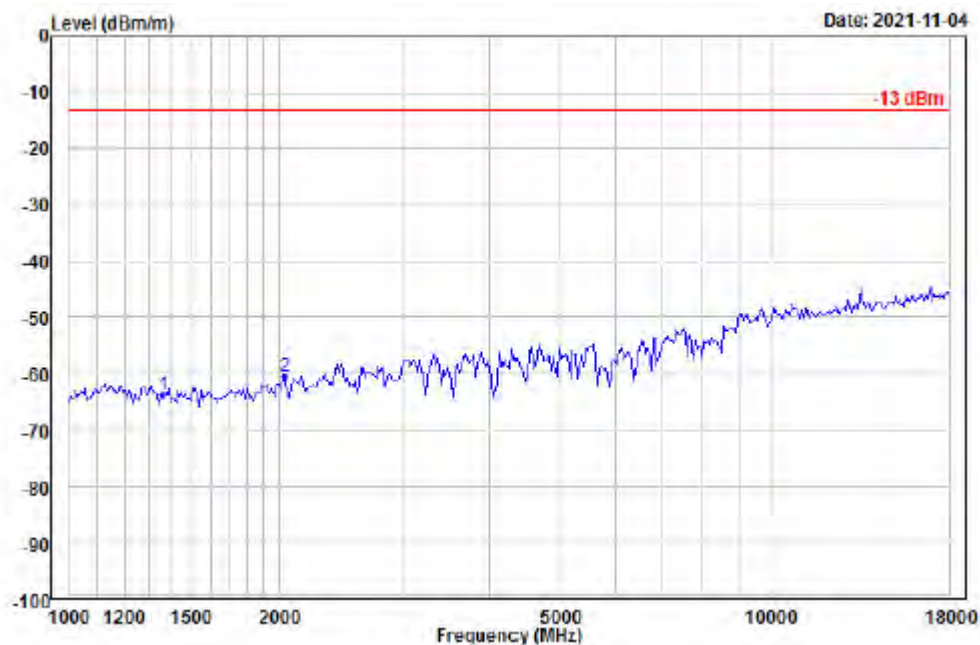
**BUREAU
VERITAS**

Test Report No.: W7L-P21090018RF06

CHANNEL BANDWIDTH: 10MHz / QPSK

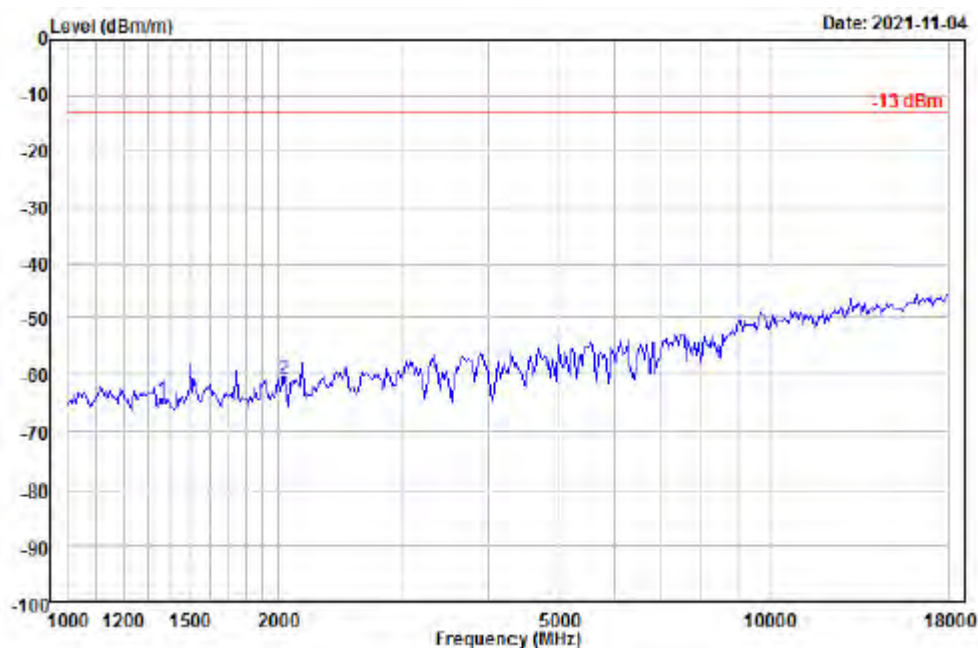
MODE	TX channel 133272	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1361.000	-62.86	29.22	47.49	0.00	17.26	-63.87	-13.00	-50.87	---	---	Peak
2 PP	2041.500	-62.83	31.72	47.82	0.00	18.38	-60.55	-13.00	-47.55	---	---	Peak



MODE	TX channel 133272	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Rem
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1361.000	-63.44	29.22	47.49	0.00	17.26	-64.45	-13.00	-51.45	---	---	Peak
2 PP	2041.500	-63.07	31.72	47.82	0.00	18.38	-60.79	-13.00	-47.79	---	---	Peak





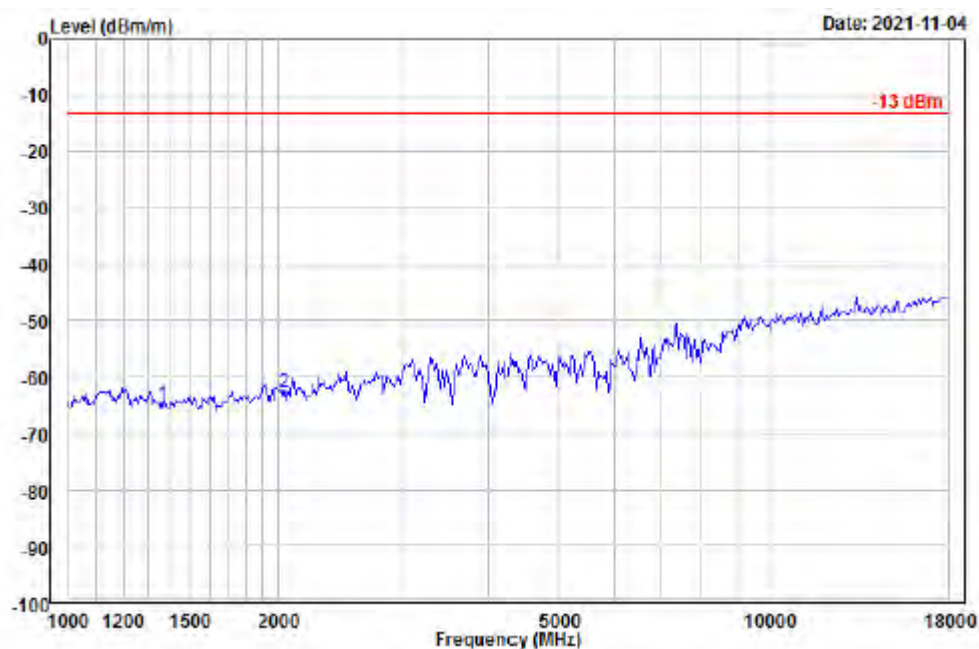
**BUREAU
VERITAS**

Test Report No.: W7L-P21090018RF06

CHANNEL BANDWIDTH: 15MHz / QPSK

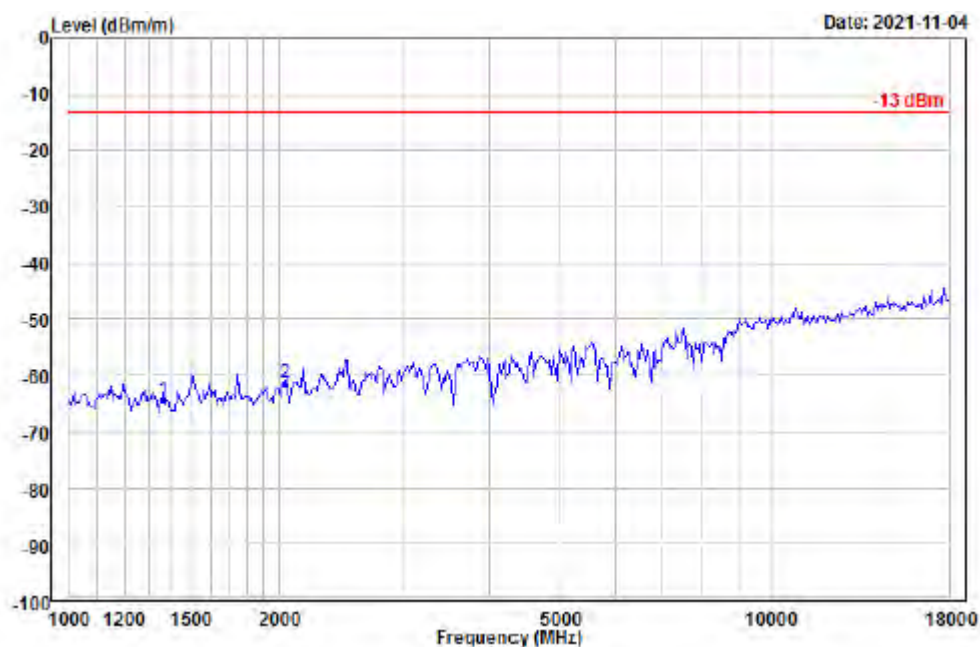
MODE	TX channel 133297	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Rem
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1361.000	-63.93	29.22	47.49	0.00	17.26	-64.94	-13.00	-51.94	---	---	Peak
2 PP	2041.500	-64.96	31.72	47.82	0.00	18.38	-62.68	-13.00	-49.68	---	---	Peak



MODE	TX channel 133297	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1361.000	-63.21	29.22	47.49	0.00	17.26	-64.22	-13.00	-51.22	---	---	Peak
2 PP	2041.500	-63.66	31.72	47.82	0.00	18.38	-61.38	-13.00	-48.38	---	---	Peak

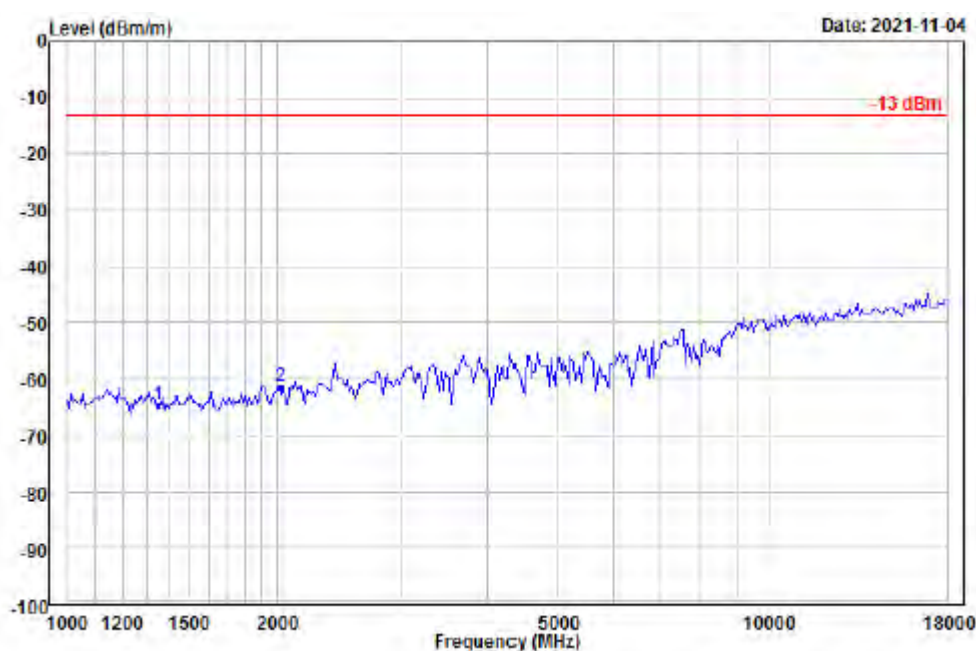


CHANNEL BANDWIDTH: 20MHz / QPSK

CH133222

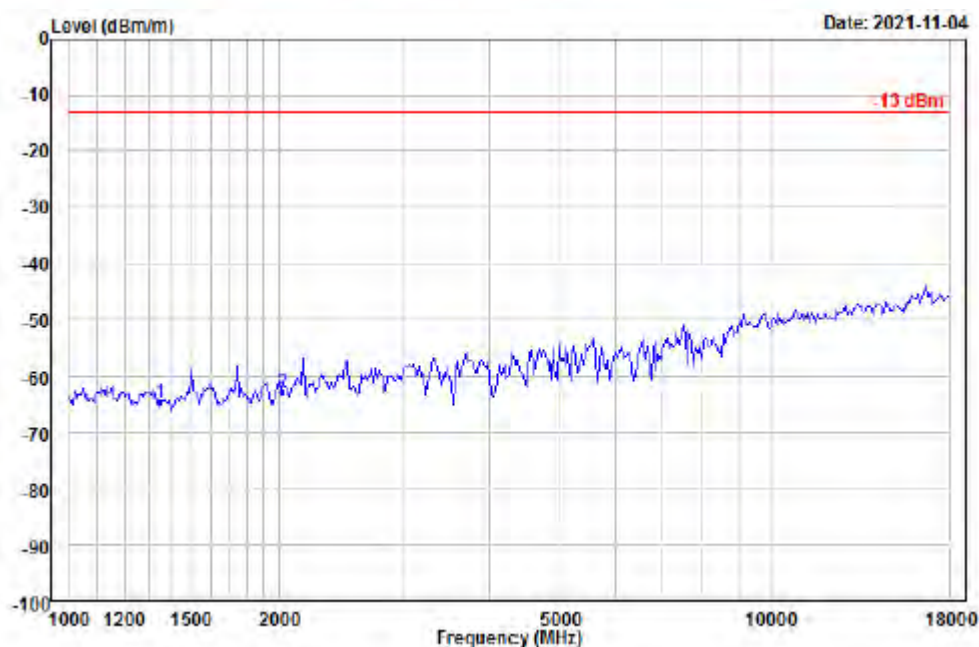
MODE	TX channel 133222	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Rem
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1346.000	-63.49	29.15	47.46	0.00	17.24	-64.56	-13.00	-51.56	---	---	Peak
2 PP	2019.000	-63.65	31.65	47.81	0.00	18.38	-61.43	-13.00	-48.43	---	---	Peak



MODE	TX channel 133222	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

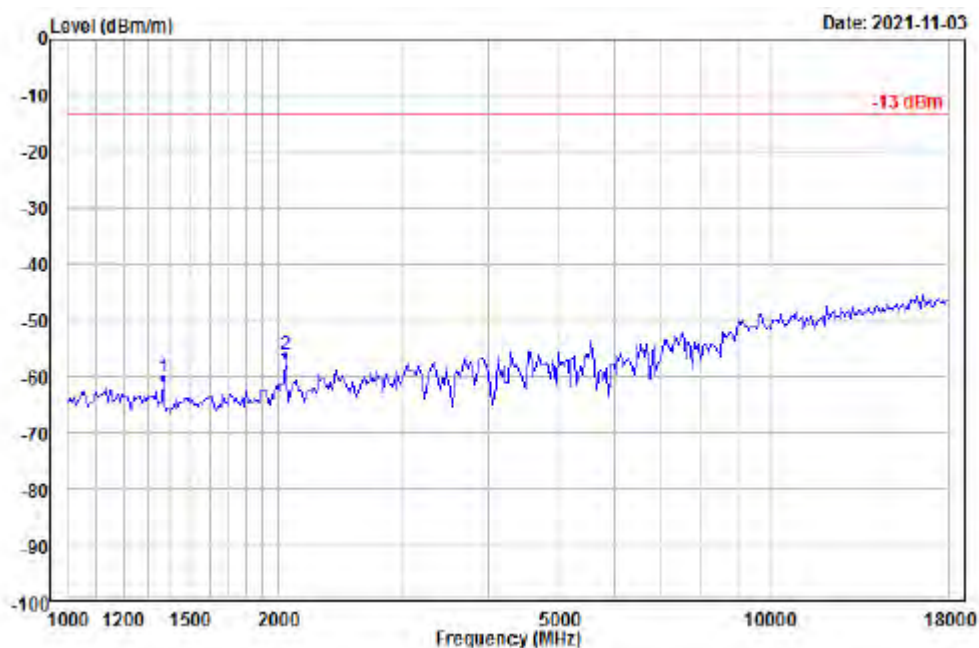
	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Rem
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1346.000	-63.61	29.15	47.46	0.00	17.24	-64.68	-13.00	-51.68	---	---	Peak
2 PP	2019.000	-64.78	31.65	47.81	0.00	18.38	-62.56	-13.00	-49.56	---	---	Peak



CH133322

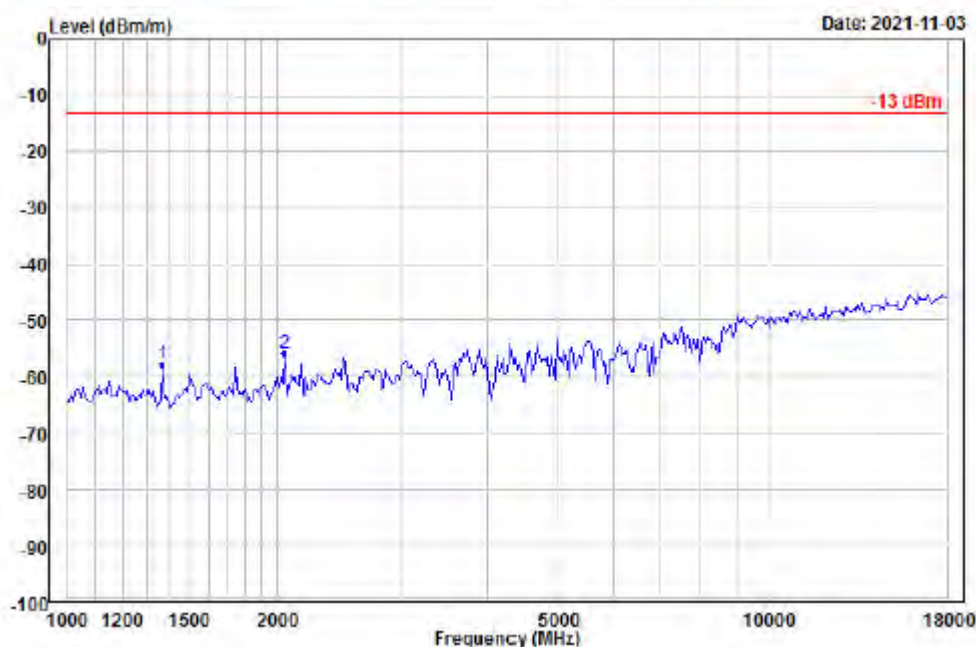
MODE	TX channel 133322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Ant Factor	Preampl Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1366.000	-59.13	29.24	47.51	0.00	17.26	-60.14	-13.00	-47.14	---	---	Peak
2 PP	2049.000	-58.54	31.74	47.83	0.00	18.38	-56.25	-13.00	-43.25	---	---	Peak



MODE	TX channel 133322	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

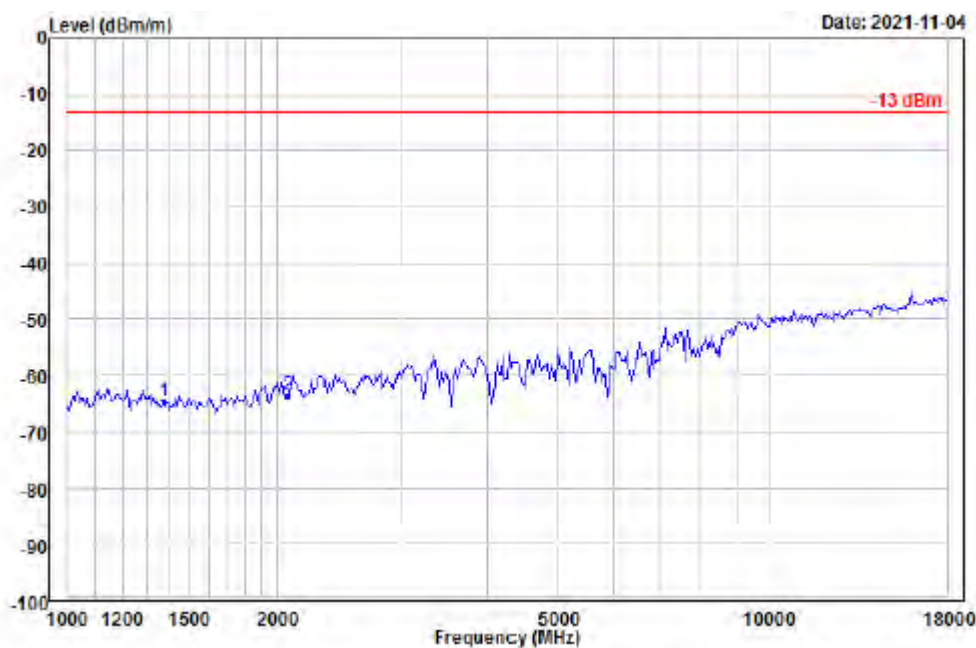
	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1366.000	-56.89	29.24	47.51	0.00	17.26	-57.90	-13.00	-44.90	---	---	Peak
2 PP	2049.000	-58.05	31.74	47.83	0.00	18.38	-55.76	-13.00	-42.76	---	---	Peak



CH133372

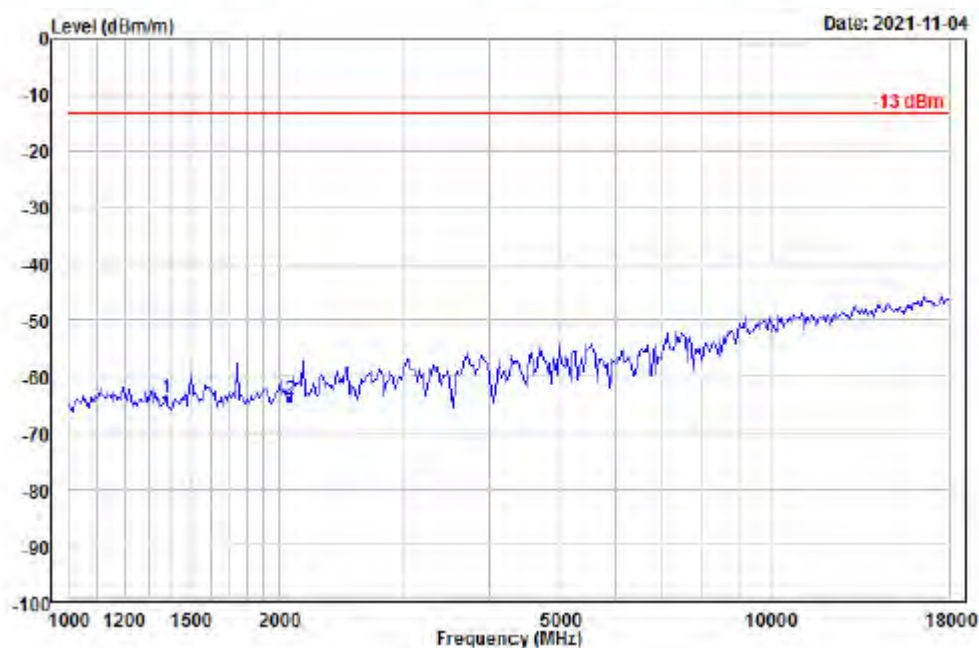
MODE	TX channel 133372	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Remz
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1	1376.000	-63.74	29.28	47.53	0.00	17.28	-64.71	-13.00	-51.71	---	---	Peak
2 PP	2064.000	-65.70	31.78	47.84	0.00	18.38	-63.38	-13.00	-50.38	---	---	Peak



MODE	TX channel 133372	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC13.7V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Read Level	Ant Factor	Preamp Factor	Aux Factor	Cable Loss	Level	Limit Line	Over Limit	APos	TPos	Rem
	MHz	dBm	dB/m	dB	dB	dB	dBm/m	dBm/m	dB	cm	deg	
1 PP	1376.000	-62.85	29.28	47.53	0.00	17.28	-63.82	-13.00	-50.82	---	---	Peak
2	2064.000	-66.43	31.78	47.84	0.00	18.38	-64.11	-13.00	-51.11	---	---	Peak

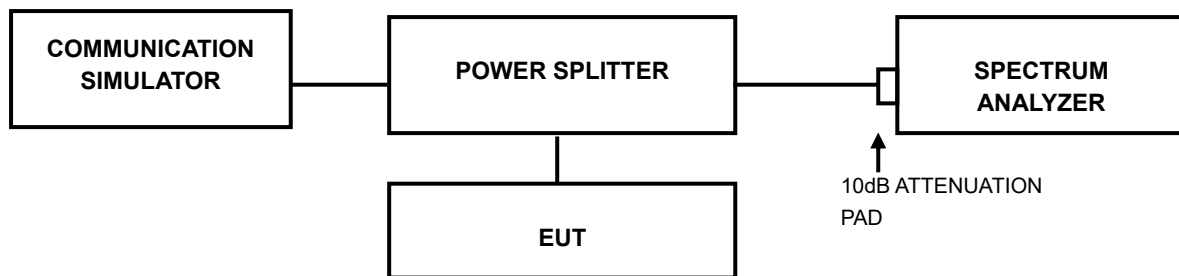


3.7 PEAK TO AVERAGE RATIO

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-P21090018RF06

3.7.4 TEST RESULTS

Please Refer to Appendix A 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

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-P21090018RF06

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.

Appendix A:

Frequency Stability

LTE Band4

Test Result

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	11.64	1.50	0.00	-2.5 to 2.5	Pass
					13.70	1.26	0.00	-2.5 to 2.5	Pass
					15.75	1.90	0.00	-2.5 to 2.5	Pass
				-10	13.7	2.27	0.00	-2.5 to 2.5	Pass
				0	13.7	1.60	0.00	-2.5 to 2.5	Pass
				10	13.7	0.26	0.00	-2.5 to 2.5	Pass
				30	13.7	2.10	0.00	-2.5 to 2.5	Pass
				40	13.7	1.87	0.00	-2.5 to 2.5	Pass
				50	13.7	2.05	0.00	-2.5 to 2.5	Pass
	1732.5	6	0	20	11.64	0.94	0.00	-2.5 to 2.5	Pass
					13.70	1.23	0.00	-2.5 to 2.5	Pass
					15.75	-0.26	-0.00	-2.5 to 2.5	Pass
				-10	13.7	1.07	0.00	-2.5 to 2.5	Pass
				0	13.7	0.27	0.00	-2.5 to 2.5	Pass
				10	13.7	1.19	0.00	-2.5 to 2.5	Pass
				30	13.7	0.61	0.00	-2.5 to 2.5	Pass
				40	13.7	-0.01	0.00	-2.5 to 2.5	Pass
				50	13.7	0.41	0.00	-2.5 to 2.5	Pass
	1754.3	6	0	20	11.64	-3.89	-0.00	-2.5 to 2.5	Pass
					13.70	-3.20	-0.00	-2.5 to 2.5	Pass
					15.75	-3.02	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-2.92	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.59	-0.00	-2.5 to 2.5	Pass
				10	13.7	-3.02	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.76	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.12	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.77	-0.00	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	11.64	2.52	0.00	-2.5 to 2.5	Pass
					13.70	1.49	0.00	-2.5 to 2.5	Pass
					15.75	2.49	0.00	-2.5 to 2.5	Pass
				-10	13.7	2.66	0.00	-2.5 to 2.5	Pass
				0	13.7	1.86	0.00	-2.5 to 2.5	Pass
				10	13.7	3.03	0.00	-2.5 to 2.5	Pass
				30	13.7	2.32	0.00	-2.5 to 2.5	Pass
				40	13.7	2.93	0.00	-2.5 to 2.5	Pass
				50	13.7	1.39	0.00	-2.5 to 2.5	Pass
	1732.5	6	0	20	11.64	0.29	0.00	-2.5 to 2.5	Pass
					13.70	-0.13	-0.00	-2.5 to 2.5	Pass
					15.75	-0.21	-0.00	-2.5 to 2.5	Pass
				-10	13.7	0.17	0.00	-2.5 to 2.5	Pass
				0	13.7	1.26	0.00	-2.5 to 2.5	Pass
				10	13.7	0.13	0.00	-2.5 to 2.5	Pass

				30	13.7	-0.13	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.47	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.02	-0.00	-2.5 to 2.5	Pass
	1754.3	6	0	20	11.64	-2.39	-0.00	-2.5 to 2.5	Pass
					13.70	-2.20	-0.00	-2.5 to 2.5	Pass
					15.75	-2.69	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-2.45	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.65	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.76	-0.00	-2.5 to 2.5	Pass
				30	13.7	-3.29	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.25	-0.00	-2.5 to 2.5	Pass
				50	13.7	-2.09	-0.00	-2.5 to 2.5	Pass
Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	11.64	0.14	0.00	-2.5 to 2.5	Pass
					13.70	1.53	0.00	-2.5 to 2.5	Pass
					15.75	0.53	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.02	0.00	-2.5 to 2.5	Pass
				0	13.7	0.71	0.00	-2.5 to 2.5	Pass
				10	13.7	0.67	0.00	-2.5 to 2.5	Pass
				30	13.7	0.59	0.00	-2.5 to 2.5	Pass
				40	13.7	0.63	0.00	-2.5 to 2.5	Pass
				50	13.7	-0.23	-0.00	-2.5 to 2.5	Pass
	1732.5	15	0	20	11.64	0.53	0.00	-2.5 to 2.5	Pass
					13.70	1.40	0.00	-2.5 to 2.5	Pass
					15.75	0.61	0.00	-2.5 to 2.5	Pass
				-10	13.7	0.06	0.00	-2.5 to 2.5	Pass
				0	13.7	-0.32	-0.00	-2.5 to 2.5	Pass
				10	13.7	0.66	0.00	-2.5 to 2.5	Pass
				30	13.7	0.09	0.00	-2.5 to 2.5	Pass
				40	13.7	0.24	0.00	-2.5 to 2.5	Pass
				50	13.7	1.22	0.00	-2.5 to 2.5	Pass
	1753.5	15	0	20	11.64	0.14	0.00	-2.5 to 2.5	Pass
					13.70	0.07	0.00	-2.5 to 2.5	Pass
					15.75	0.10	0.00	-2.5 to 2.5	Pass
				-10	13.7	0.23	0.00	-2.5 to 2.5	Pass
				0	13.7	1.00	0.00	-2.5 to 2.5	Pass
				10	13.7	1.27	0.00	-2.5 to 2.5	Pass
				30	13.7	0.92	0.00	-2.5 to 2.5	Pass
				40	13.7	0.99	0.00	-2.5 to 2.5	Pass
				50	13.7	-0.19	-0.00	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	11.64	0.49	0.00	-2.5 to 2.5	Pass
					13.70	1.10	0.00	-2.5 to 2.5	Pass
					15.75	-1.09	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.33	-0.00	-2.5 to 2.5	Pass
				0	13.7	1.34	0.00	-2.5 to 2.5	Pass
				10	13.7	1.43	0.00	-2.5 to 2.5	Pass
				30	13.7	0.50	0.00	-2.5 to 2.5	Pass
				40	13.7	0.33	0.00	-2.5 to 2.5	Pass
				50	13.7	1.46	0.00	-2.5 to 2.5	Pass
	1732.5	15	0	20	11.64	0.20	0.00	-2.5 to 2.5	Pass
					13.70	0.49	0.00	-2.5 to 2.5	Pass

					15.75	0.37	0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.76	-0.00	-2.5 to 2.5	Pass
				0	13.7	1.03	0.00	-2.5 to 2.5	Pass
				10	13.7	-0.13	-0.00	-2.5 to 2.5	Pass
				30	13.7	0.94	0.00	-2.5 to 2.5	Pass
				40	13.7	0.17	0.00	-2.5 to 2.5	Pass
				50	13.7	0.07	0.00	-2.5 to 2.5	Pass
	1753.5	15	0	20	11.64	0.70	0.00	-2.5 to 2.5	Pass
					13.70	1.39	0.00	-2.5 to 2.5	Pass
					15.75	-0.37	-0.00	-2.5 to 2.5	Pass
				-10	13.7	0.90	0.00	-2.5 to 2.5	Pass
				0	13.7	-0.06	0.00	-2.5 to 2.5	Pass
				10	13.7	0.97	0.00	-2.5 to 2.5	Pass
				30	13.7	1.32	0.00	-2.5 to 2.5	Pass
	40	13.7	0.10	0.00	-2.5 to 2.5	Pass			
	50	13.7	-0.07	0.00	-2.5 to 2.5	Pass			
Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	11.64	1.14	0.00	-2.5 to 2.5	Pass
					13.70	1.40	0.00	-2.5 to 2.5	Pass
					15.75	1.27	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.17	0.00	-2.5 to 2.5	Pass
				0	13.7	1.34	0.00	-2.5 to 2.5	Pass
				10	13.7	1.96	0.00	-2.5 to 2.5	Pass
				30	13.7	1.49	0.00	-2.5 to 2.5	Pass
				40	13.7	1.19	0.00	-2.5 to 2.5	Pass
				50	13.7	1.72	0.00	-2.5 to 2.5	Pass
	1732.5	25	0	20	11.64	-0.11	-0.00	-2.5 to 2.5	Pass
					13.70	0.54	0.00	-2.5 to 2.5	Pass
					15.75	0.80	0.00	-2.5 to 2.5	Pass
				-10	13.7	0.67	0.00	-2.5 to 2.5	Pass
				0	13.7	0.11	0.00	-2.5 to 2.5	Pass
				10	13.7	0.77	0.00	-2.5 to 2.5	Pass
				30	13.7	1.67	0.00	-2.5 to 2.5	Pass
				40	13.7	0.81	0.00	-2.5 to 2.5	Pass
				50	13.7	1.23	0.00	-2.5 to 2.5	Pass
	1752.5	25	0	20	11.64	-3.08	-0.00	-2.5 to 2.5	Pass
					13.70	-3.05	-0.00	-2.5 to 2.5	Pass
					15.75	-2.88	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.42	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.92	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.03	-0.00	-2.5 to 2.5	Pass
				30	13.7	-4.25	-0.00	-2.5 to 2.5	Pass
				40	13.7	-3.60	-0.00	-2.5 to 2.5	Pass
				50	13.7	-3.22	-0.00	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	11.64	1.92	0.00	-2.5 to 2.5	Pass
					13.70	0.57	0.00	-2.5 to 2.5	Pass
					15.75	1.77	0.00	-2.5 to 2.5	Pass
				-10	13.7	2.19	0.00	-2.5 to 2.5	Pass
				0	13.7	1.60	0.00	-2.5 to 2.5	Pass
				10	13.7	0.57	0.00	-2.5 to 2.5	Pass
				30	13.7	0.74	0.00	-2.5 to 2.5	Pass

				40	13.7	2.27	0.00	-2.5 to 2.5	Pass
				50	13.7	2.56	0.00	-2.5 to 2.5	Pass
	1732.5	25	0	20	11.64	1.17	0.00	-2.5 to 2.5	Pass
					13.70	1.13	0.00	-2.5 to 2.5	Pass
					15.75	0.37	0.00	-2.5 to 2.5	Pass
					-10	13.7	0.33	0.00	-2.5 to 2.5
				0	13.7	1.17	0.00	-2.5 to 2.5	Pass
				10	13.7	1.27	0.00	-2.5 to 2.5	Pass
				30	13.7	0.30	0.00	-2.5 to 2.5	Pass
				40	13.7	0.73	0.00	-2.5 to 2.5	Pass
				50	13.7	0.74	0.00	-2.5 to 2.5	Pass
				1752.5	25	0	20	11.64	-2.58
	13.70	-1.90	-0.00					-2.5 to 2.5	Pass
	15.75	-3.05	-0.00					-2.5 to 2.5	Pass
	-10	13.7	-2.27					-0.00	-2.5 to 2.5
	0	13.7	-4.59				-0.00	-2.5 to 2.5	Pass
	10	13.7	-3.26				-0.00	-2.5 to 2.5	Pass
	30	13.7	-4.72				-0.00	-2.5 to 2.5	Pass
	40	13.7	-3.55				-0.00	-2.5 to 2.5	Pass
	50	13.7	-2.69				-0.00	-2.5 to 2.5	Pass
Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	11.64	-2.38	-0.00	-2.5 to 2.5	Pass
					13.70	-3.35	-0.00	-2.5 to 2.5	Pass
					15.75	-3.85	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-2.77	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.79	-0.00	-2.5 to 2.5	Pass
				10	13.7	-3.69	-0.00	-2.5 to 2.5	Pass
				30	13.7	-3.36	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.77	-0.00	-2.5 to 2.5	Pass
				50	13.7	-2.12	-0.00	-2.5 to 2.5	Pass
	1732.5	50	0	20	11.64	-0.34	-0.00	-2.5 to 2.5	Pass
					13.70	0.71	0.00	-2.5 to 2.5	Pass
					15.75	0.64	0.00	-2.5 to 2.5	Pass
					-10	13.7	0.32	0.00	-2.5 to 2.5
				0	13.7	0.74	0.00	-2.5 to 2.5	Pass
				10	13.7	0.41	0.00	-2.5 to 2.5	Pass
				30	13.7	0.41	0.00	-2.5 to 2.5	Pass
				40	13.7	0.21	0.00	-2.5 to 2.5	Pass
				50	13.7	0.50	0.00	-2.5 to 2.5	Pass
	1750	50	0	20	11.64	2.29	0.00	-2.5 to 2.5	Pass
					13.70	1.60	0.00	-2.5 to 2.5	Pass
					15.75	2.43	0.00	-2.5 to 2.5	Pass
					-10	13.7	2.77	0.00	-2.5 to 2.5
				0	13.7	2.73	0.00	-2.5 to 2.5	Pass
				10	13.7	1.13	0.00	-2.5 to 2.5	Pass
				30	13.7	0.83	0.00	-2.5 to 2.5	Pass
				40	13.7	2.20	0.00	-2.5 to 2.5	Pass
				50	13.7	0.59	0.00	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	11.64	-1.86	-0.00	-2.5 to 2.5	Pass
					13.70	-2.52	-0.00	-2.5 to 2.5	Pass
					15.75	-2.67	-0.00	-2.5 to 2.5	Pass

				-10	13.7	-1.66	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.82	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.72	-0.00	-2.5 to 2.5	Pass
				30	13.7	-2.09	-0.00	-2.5 to 2.5	Pass
				40	13.7	-3.05	-0.00	-2.5 to 2.5	Pass
				50	13.7	-2.20	-0.00	-2.5 to 2.5	Pass
	1732.5	50	0	20	11.64	0.96	0.00	-2.5 to 2.5	Pass
					13.70	0.24	0.00	-2.5 to 2.5	Pass
					15.75	0.96	0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.47	-0.00	-2.5 to 2.5	Pass
				0	13.7	0.46	0.00	-2.5 to 2.5	Pass
				10	13.7	0.54	0.00	-2.5 to 2.5	Pass
				30	13.7	0.89	0.00	-2.5 to 2.5	Pass
				40	13.7	0.14	0.00	-2.5 to 2.5	Pass
	50	13.7	0.36	0.00	-2.5 to 2.5	Pass			
	1750	50	0	20	11.64	1.49	0.00	-2.5 to 2.5	Pass
					13.70	1.62	0.00	-2.5 to 2.5	Pass
					15.75	1.89	0.00	-2.5 to 2.5	Pass
				-10	13.7	2.62	0.00	-2.5 to 2.5	Pass
				0	13.7	1.76	0.00	-2.5 to 2.5	Pass
				10	13.7	2.29	0.00	-2.5 to 2.5	Pass
				30	13.7	0.66	0.00	-2.5 to 2.5	Pass
				40	13.7	0.92	0.00	-2.5 to 2.5	Pass
	50	13.7	1.82	0.00	-2.5 to 2.5	Pass			
Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
Size	Offset	Result	Limit						
QPSK	1717.5	75	0	20	11.64	0.71	0.00	-2.5 to 2.5	Pass
					13.70	0.76	0.00	-2.5 to 2.5	Pass
					15.75	0.11	0.00	-2.5 to 2.5	Pass
				-10	13.7	0.27	0.00	-2.5 to 2.5	Pass
				0	13.7	0.59	0.00	-2.5 to 2.5	Pass
				10	13.7	1.32	0.00	-2.5 to 2.5	Pass
				30	13.7	2.05	0.00	-2.5 to 2.5	Pass
				40	13.7	0.17	0.00	-2.5 to 2.5	Pass
				50	13.7	-0.14	-0.00	-2.5 to 2.5	Pass
	1732.5	75	0	20	11.64	0.89	0.00	-2.5 to 2.5	Pass
					13.70	1.54	0.00	-2.5 to 2.5	Pass
					15.75	1.22	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.29	0.00	-2.5 to 2.5	Pass
				0	13.7	-1.27	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.60	-0.00	-2.5 to 2.5	Pass
				30	13.7	0.07	0.00	-2.5 to 2.5	Pass
				40	13.7	0.64	0.00	-2.5 to 2.5	Pass
				50	13.7	0.07	0.00	-2.5 to 2.5	Pass
	1747.5	75	0	20	11.64	0.00	0.00	-2.5 to 2.5	Pass
					13.70	0.53	0.00	-2.5 to 2.5	Pass
					15.75	0.84	0.00	-2.5 to 2.5	Pass
				-10	13.7	0.96	0.00	-2.5 to 2.5	Pass
				0	13.7	0.60	0.00	-2.5 to 2.5	Pass
				10	13.7	0.03	0.00	-2.5 to 2.5	Pass
				30	13.7	-0.29	-0.00	-2.5 to 2.5	Pass
				40	13.7	0.37	0.00	-2.5 to 2.5	Pass

				50	13.7	0.34	0.00	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	11.64	0.24	0.00	-2.5 to 2.5	Pass
					13.70	-0.04	0.00	-2.5 to 2.5	Pass
					15.75	0.61	0.00	-2.5 to 2.5	Pass
					-10	13.7	1.17	0.00	-2.5 to 2.5
				0	13.7	0.32	0.00	-2.5 to 2.5	Pass
				10	13.7	1.26	0.00	-2.5 to 2.5	Pass
				30	13.7	0.06	0.00	-2.5 to 2.5	Pass
				40	13.7	1.07	0.00	-2.5 to 2.5	Pass
				50	13.7	0.03	0.00	-2.5 to 2.5	Pass
	1732.5	75	0	20	11.64	0.73	0.00	-2.5 to 2.5	Pass
					13.70	0.76	0.00	-2.5 to 2.5	Pass
					15.75	0.19	0.00	-2.5 to 2.5	Pass
					-10	13.7	1.87	0.00	-2.5 to 2.5
				0	13.7	0.49	0.00	-2.5 to 2.5	Pass
				10	13.7	0.14	0.00	-2.5 to 2.5	Pass
				30	13.7	0.54	0.00	-2.5 to 2.5	Pass
				40	13.7	0.40	0.00	-2.5 to 2.5	Pass
				50	13.7	-0.44	-0.00	-2.5 to 2.5	Pass
	1747.5	75	0	20	11.64	-0.52	-0.00	-2.5 to 2.5	Pass
					13.70	-0.04	0.00	-2.5 to 2.5	Pass
					15.75	0.30	0.00	-2.5 to 2.5	Pass
					-10	13.7	0.90	0.00	-2.5 to 2.5
				0	13.7	1.09	0.00	-2.5 to 2.5	Pass
				10	13.7	0.34	0.00	-2.5 to 2.5	Pass
				30	13.7	0.77	0.00	-2.5 to 2.5	Pass
				40	13.7	0.99	0.00	-2.5 to 2.5	Pass
				50	13.7	0.67	0.00	-2.5 to 2.5	Pass
	Band: 4 / Bandwidth: 20MHz								
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	11.64	2.43	0.00	-2.5 to 2.5	Pass
					13.70	2.39	0.00	-2.5 to 2.5	Pass
					15.75	1.79	0.00	-2.5 to 2.5	Pass
					-10	13.7	0.14	0.00	-2.5 to 2.5
				0	13.7	2.20	0.00	-2.5 to 2.5	Pass
				10	13.7	0.60	0.00	-2.5 to 2.5	Pass
				30	13.7	0.87	0.00	-2.5 to 2.5	Pass
				40	13.7	1.80	0.00	-2.5 to 2.5	Pass
				50	13.7	2.59	0.00	-2.5 to 2.5	Pass
	1732.5	100	0	20	11.64	0.54	0.00	-2.5 to 2.5	Pass
					13.70	0.77	0.00	-2.5 to 2.5	Pass
					15.75	0.20	0.00	-2.5 to 2.5	Pass
					-10	13.7	0.44	0.00	-2.5 to 2.5
				0	13.7	1.59	0.00	-2.5 to 2.5	Pass
				10	13.7	1.26	0.00	-2.5 to 2.5	Pass
				30	13.7	0.17	0.00	-2.5 to 2.5	Pass
				40	13.7	1.37	0.00	-2.5 to 2.5	Pass
				50	13.7	0.60	0.00	-2.5 to 2.5	Pass
	1745	100	0	20	11.64	-3.06	-0.00	-2.5 to 2.5	Pass
					13.70	-2.76	-0.00	-2.5 to 2.5	Pass
					15.75	-3.43	-0.00	-2.5 to 2.5	Pass
					-10	13.7	-2.58	-0.00	-2.5 to 2.5

16QAM				0	13.7	-2.39	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.30	-0.00	-2.5 to 2.5	Pass
				30	13.7	-2.73	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.66	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.96	-0.00	-2.5 to 2.5	Pass
	1720	100	0	20	11.64	2.67	0.00	-2.5 to 2.5	Pass
					13.70	2.06	0.00	-2.5 to 2.5	Pass
					15.75	2.02	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.62	0.00	-2.5 to 2.5	Pass
				0	13.7	2.46	0.00	-2.5 to 2.5	Pass
				10	13.7	1.60	0.00	-2.5 to 2.5	Pass
				30	13.7	2.75	0.00	-2.5 to 2.5	Pass
				40	13.7	1.62	0.00	-2.5 to 2.5	Pass
				50	13.7	1.45	0.00	-2.5 to 2.5	Pass
	1732.5	100	0	20	11.64	-0.09	0.00	-2.5 to 2.5	Pass
					13.70	-0.03	0.00	-2.5 to 2.5	Pass
					15.75	-0.14	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.41	-0.00	-2.5 to 2.5	Pass
				0	13.7	0.63	0.00	-2.5 to 2.5	Pass
				10	13.7	0.41	0.00	-2.5 to 2.5	Pass
				30	13.7	1.10	0.00	-2.5 to 2.5	Pass
				40	13.7	-0.83	-0.00	-2.5 to 2.5	Pass
				50	13.7	1.87	0.00	-2.5 to 2.5	Pass
	1745	100	0	20	11.64	-3.40	-0.00	-2.5 to 2.5	Pass
					13.70	-3.32	-0.00	-2.5 to 2.5	Pass
					15.75	-2.20	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-3.63	-0.00	-2.5 to 2.5	Pass
				0	13.7	-3.71	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.75	-0.00	-2.5 to 2.5	Pass
				30	13.7	-3.18	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.02	-0.00	-2.5 to 2.5	Pass
				50	13.7	-2.93	-0.00	-2.5 to 2.5	Pass

LTE Band12

Test Result

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	699.7	6	0	20	11.64	-1.19	-0.00	-2.5 to 2.5	Pass
					13.70	-2.00	-0.00	-2.5 to 2.5	Pass
					15.75	-1.47	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.27	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.17	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.81	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.37	-0.00	-2.5 to 2.5	Pass

	707.5	6	0	40	13.7	-1.04	-0.00	-2.5 to 2.5	Pass
				50	13.7	-0.63	-0.00	-2.5 to 2.5	Pass
				20	11.64	-1.59	-0.00	-2.5 to 2.5	Pass
					13.70	0.19	0.00	-2.5 to 2.5	Pass
					15.75	-0.07	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.07	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.81	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.09	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.39	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.11	-0.00	-2.5 to 2.5	Pass
	50	13.7	-0.41	-0.00	-2.5 to 2.5	Pass			
	715.3	6	0	20	11.64	0.26	0.00	-2.5 to 2.5	Pass
					13.70	-0.73	-0.00	-2.5 to 2.5	Pass
					15.75	-0.36	-0.00	-2.5 to 2.5	Pass
				-10	13.7	0.16	0.00	-2.5 to 2.5	Pass
				0	13.7	-0.80	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.97	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.54	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.87	-0.00	-2.5 to 2.5	Pass
				50	13.7	-0.89	-0.00	-2.5 to 2.5	Pass
16QAM				699.7	6	0	20	11.64	-0.34
	13.70	0.10	0.00					-2.5 to 2.5	Pass
	15.75	0.60	0.00					-2.5 to 2.5	Pass
	-10	13.7	-0.94				-0.00	-2.5 to 2.5	Pass
	0	13.7	0.16				0.00	-2.5 to 2.5	Pass
	10	13.7	0.01				0.00	-2.5 to 2.5	Pass
	30	13.7	0.43				0.00	-2.5 to 2.5	Pass
	40	13.7	0.61				0.00	-2.5 to 2.5	Pass
	50	13.7	-0.09				-0.00	-2.5 to 2.5	Pass
	707.5	6	0				20	11.64	-0.47
				13.70	-0.49	-0.00		-2.5 to 2.5	Pass
				15.75	-0.46	-0.00		-2.5 to 2.5	Pass
				-10	13.7	-1.25	-0.00	-2.5 to 2.5	Pass
				0	13.7	0.04	0.00	-2.5 to 2.5	Pass
				10	13.7	-0.47	-0.00	-2.5 to 2.5	Pass
				30	13.7	0.04	0.00	-2.5 to 2.5	Pass
				40	13.7	-0.40	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.04	-0.00	-2.5 to 2.5	Pass
				715.3	6	0	20	11.64	0.49
	13.70	-1.40	-0.00					-2.5 to 2.5	Pass
15.75	-1.09	-0.00	-2.5 to 2.5					Pass	
-10	13.7	0.07	0.00				-2.5 to 2.5	Pass	
0	13.7	-0.17	-0.00				-2.5 to 2.5	Pass	
10	13.7	-0.94	-0.00				-2.5 to 2.5	Pass	
30	13.7	-0.69	-0.00				-2.5 to 2.5	Pass	
40	13.7	-1.13	-0.00				-2.5 to 2.5	Pass	
50	13.7	0.37	0.00				-2.5 to 2.5	Pass	
Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
Size	Offset	Result	Limit						
QPSK	700.5	15	0	20	11.64	1.19	0.00	-2.5 to 2.5	Pass
					13.70	1.07	0.00	-2.5 to 2.5	Pass
					15.75	0.83	0.00	-2.5 to 2.5	Pass

				-10	13.7	0.33	0.00	-2.5 to 2.5	Pass
				0	13.7	0.41	0.00	-2.5 to 2.5	Pass
				10	13.7	1.43	0.00	-2.5 to 2.5	Pass
				30	13.7	0.53	0.00	-2.5 to 2.5	Pass
				40	13.7	0.94	0.00	-2.5 to 2.5	Pass
				50	13.7	0.60	0.00	-2.5 to 2.5	Pass
	707.5	15	0	20	11.64	-0.19	-0.00	-2.5 to 2.5	Pass
					13.70	-1.04	-0.00	-2.5 to 2.5	Pass
					15.75	0.07	0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.09	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.60	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.14	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.87	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.93	-0.00	-2.5 to 2.5	Pass
	50	13.7	-0.43	-0.00	-2.5 to 2.5	Pass			
	714.5	15	0	20	11.64	-0.47	-0.00	-2.5 to 2.5	Pass
					13.70	-0.19	-0.00	-2.5 to 2.5	Pass
					15.75	-0.13	-0.00	-2.5 to 2.5	Pass
				-10	13.7	0.13	0.00	-2.5 to 2.5	Pass
				0	13.7	-0.49	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.73	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.43	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.76	-0.00	-2.5 to 2.5	Pass
	50	13.7	0.29	0.00	-2.5 to 2.5	Pass			
16QAM	700.5	15	0	20	11.64	1.03	0.00	-2.5 to 2.5	Pass
					13.70	0.77	0.00	-2.5 to 2.5	Pass
					15.75	1.65	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.83	0.00	-2.5 to 2.5	Pass
				0	13.7	2.13	0.00	-2.5 to 2.5	Pass
				10	13.7	0.47	0.00	-2.5 to 2.5	Pass
				30	13.7	1.12	0.00	-2.5 to 2.5	Pass
				40	13.7	1.53	0.00	-2.5 to 2.5	Pass
				50	13.7	0.52	0.00	-2.5 to 2.5	Pass
	707.5	15	0	20	11.64	0.89	0.00	-2.5 to 2.5	Pass
					13.70	-0.84	-0.00	-2.5 to 2.5	Pass
					15.75	0.56	0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.32	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.63	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.71	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.16	-0.00	-2.5 to 2.5	Pass
				40	13.7	0.04	0.00	-2.5 to 2.5	Pass
	50	13.7	-1.53	-0.00	-2.5 to 2.5	Pass			
	714.5	15	0	20	11.64	-0.97	-0.00	-2.5 to 2.5	Pass
					13.70	-0.29	-0.00	-2.5 to 2.5	Pass
					15.75	-0.39	-0.00	-2.5 to 2.5	Pass
				-10	13.7	0.16	0.00	-2.5 to 2.5	Pass
				0	13.7	-0.49	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.32	-0.00	-2.5 to 2.5	Pass
30				13.7	0.47	0.00	-2.5 to 2.5	Pass	
40				13.7	-0.27	-0.00	-2.5 to 2.5	Pass	
50	13.7	-0.40	-0.00	-2.5 to 2.5	Pass				
Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict		

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	701.5	25	0	20	11.64	-1.32	-0.00	-2.5 to 2.5	Pass
					13.70	-1.17	-0.00	-2.5 to 2.5	Pass
					15.75	0.24	0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.69	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.17	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.60	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.69	-0.00	-2.5 to 2.5	Pass
				40	13.7	0.13	0.00	-2.5 to 2.5	Pass
				50	13.7	-0.96	-0.00	-2.5 to 2.5	Pass
	707.5	25	0	20	11.64	-0.61	-0.00	-2.5 to 2.5	Pass
					13.70	-0.10	-0.00	-2.5 to 2.5	Pass
					15.75	-0.34	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.44	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.13	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.50	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.73	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.89	-0.00	-2.5 to 2.5	Pass
				50	13.7	-0.19	-0.00	-2.5 to 2.5	Pass
	713.5	25	0	20	11.64	0.40	0.00	-2.5 to 2.5	Pass
					13.70	0.33	0.00	-2.5 to 2.5	Pass
					15.75	-0.30	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.79	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.69	-0.00	-2.5 to 2.5	Pass
				10	13.7	0.01	0.00	-2.5 to 2.5	Pass
				30	13.7	-1.06	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.01	0.00	-2.5 to 2.5	Pass
				50	13.7	-0.37	-0.00	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	11.64	-0.84	-0.00	-2.5 to 2.5	Pass
					13.70	-1.13	-0.00	-2.5 to 2.5	Pass
					15.75	-0.94	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.86	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.16	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.76	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.79	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.26	-0.00	-2.5 to 2.5	Pass
				50	13.7	-0.44	-0.00	-2.5 to 2.5	Pass
	707.5	25	0	20	11.64	-0.60	-0.00	-2.5 to 2.5	Pass
					13.70	0.59	0.00	-2.5 to 2.5	Pass
					15.75	0.33	0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.21	-0.00	-2.5 to 2.5	Pass
				0	13.7	0.66	0.00	-2.5 to 2.5	Pass
				10	13.7	0.33	0.00	-2.5 to 2.5	Pass
				30	13.7	-0.27	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.56	-0.00	-2.5 to 2.5	Pass
				50	13.7	0.24	0.00	-2.5 to 2.5	Pass
	713.5	25	0	20	11.64	-0.87	-0.00	-2.5 to 2.5	Pass
					13.70	-1.02	-0.00	-2.5 to 2.5	Pass
					15.75	-0.89	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.34	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.23	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.66	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.10	-0.00	-2.5 to 2.5	Pass

				40	13.7	-1.12	-0.00	-2.5 to 2.5	Pass
				50	13.7	-0.16	-0.00	-2.5 to 2.5	Pass
Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	11.64	-0.46	-0.00	-2.5 to 2.5	Pass
					13.70	-1.43	-0.00	-2.5 to 2.5	Pass
					15.75	-0.17	-0.00	-2.5 to 2.5	Pass
				-10	13.7	0.01	0.00	-2.5 to 2.5	Pass
				0	13.7	0.37	0.00	-2.5 to 2.5	Pass
				10	13.7	0.20	0.00	-2.5 to 2.5	Pass
				30	13.7	-0.50	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.23	-0.00	-2.5 to 2.5	Pass
				50	13.7	-0.04	-0.00	-2.5 to 2.5	Pass
	707.5	50	0	20	11.64	0.01	0.00	-2.5 to 2.5	Pass
					13.70	0.07	0.00	-2.5 to 2.5	Pass
					15.75	-0.60	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.36	-0.00	-2.5 to 2.5	Pass
				0	13.7	0.07	0.00	-2.5 to 2.5	Pass
				10	13.7	-0.36	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.76	-0.00	-2.5 to 2.5	Pass
				40	13.7	-0.26	-0.00	-2.5 to 2.5	Pass
				50	13.7	0.30	0.00	-2.5 to 2.5	Pass
	711	50	0	20	11.64	-1.12	-0.00	-2.5 to 2.5	Pass
					13.70	-0.74	-0.00	-2.5 to 2.5	Pass
					15.75	-1.29	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.53	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.37	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.07	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.62	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.40	-0.00	-2.5 to 2.5	Pass
				50	13.7	-0.94	-0.00	-2.5 to 2.5	Pass
16QAM	704	50	0	20	11.64	0.21	0.00	-2.5 to 2.5	Pass
					13.70	-0.33	-0.00	-2.5 to 2.5	Pass
					15.75	-0.59	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.57	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.43	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.09	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.34	-0.00	-2.5 to 2.5	Pass
				40	13.7	0.11	0.00	-2.5 to 2.5	Pass
				50	13.7	-0.37	-0.00	-2.5 to 2.5	Pass
	707.5	50	0	20	11.64	-0.73	-0.00	-2.5 to 2.5	Pass
					13.70	-0.49	-0.00	-2.5 to 2.5	Pass
					15.75	-0.32	-0.00	-2.5 to 2.5	Pass
				-10	13.7	0.10	0.00	-2.5 to 2.5	Pass
				0	13.7	-0.33	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.37	-0.00	-2.5 to 2.5	Pass
				30	13.7	0.14	0.00	-2.5 to 2.5	Pass
				40	13.7	-1.19	-0.00	-2.5 to 2.5	Pass
				50	13.7	-0.92	-0.00	-2.5 to 2.5	Pass
	711	50	0	20	11.64	-1.45	-0.00	-2.5 to 2.5	Pass
					13.70	-1.26	-0.00	-2.5 to 2.5	Pass
					15.75	-1.42	-0.00	-2.5 to 2.5	Pass

				-10	13.7	-1.56	-0.00	-2.5 to 2.5	Pass
				0	13.7	-0.94	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.10	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.37	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.32	-0.00	-2.5 to 2.5	Pass
				50	13.7	-1.45	-0.00	-2.5 to 2.5	Pass

LTE Band66

Test Result

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	11.64	1.65	0.00	-2.5 to 2.5	Pass
					13.70	1.20	0.00	-2.5 to 2.5	Pass
					15.75	1.29	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.47	0.00	-2.5 to 2.5	Pass
				0	13.7	1.14	0.00	-2.5 to 2.5	Pass
				10	13.7	1.26	0.00	-2.5 to 2.5	Pass
				30	13.7	2.48	0.00	-2.5 to 2.5	Pass
				40	13.7	1.63	0.00	-2.5 to 2.5	Pass
				50	13.7	1.33	0.00	-2.5 to 2.5	Pass
	1745	6	0	20	11.64	-3.22	-0.00	-2.5 to 2.5	Pass
					13.70	-3.09	-0.00	-2.5 to 2.5	Pass
					15.75	-3.89	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.75	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.09	-0.00	-2.5 to 2.5	Pass
				10	13.7	-3.02	-0.00	-2.5 to 2.5	Pass
				30	13.7	-1.99	-0.00	-2.5 to 2.5	Pass
				40	13.7	-3.50	-0.00	-2.5 to 2.5	Pass
				50	13.7	-2.26	-0.00	-2.5 to 2.5	Pass
	1779.3	6	0	20	11.64	0.84	0.00	-2.5 to 2.5	Pass
					13.70	1.32	0.00	-2.5 to 2.5	Pass
					15.75	2.45	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.23	0.00	-2.5 to 2.5	Pass
				0	13.7	0.84	0.00	-2.5 to 2.5	Pass
				10	13.7	1.93	0.00	-2.5 to 2.5	Pass
				30	13.7	1.36	0.00	-2.5 to 2.5	Pass
				40	13.7	1.49	0.00	-2.5 to 2.5	Pass
				50	13.7	0.90	0.00	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	11.64	3.36	0.00	-2.5 to 2.5	Pass
					13.70	2.02	0.00	-2.5 to 2.5	Pass
					15.75	2.39	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.73	0.00	-2.5 to 2.5	Pass
				0	13.7	2.35	0.00	-2.5 to 2.5	Pass
				10	13.7	1.45	0.00	-2.5 to 2.5	Pass
				30	13.7	2.50	0.00	-2.5 to 2.5	Pass
				40	13.7	2.27	0.00	-2.5 to 2.5	Pass
				50	13.7	1.86	0.00	-2.5 to 2.5	Pass
	1745	6	0	20	11.64	-2.90	-0.00	-2.5 to 2.5	Pass

					13.70	-2.55	-0.00	-2.5 to 2.5	Pass	
					15.75	-3.69	-0.00	-2.5 to 2.5	Pass	
					-10	13.7	-2.70	-0.00	-2.5 to 2.5	Pass
					0	13.7	-4.31	-0.00	-2.5 to 2.5	Pass
					10	13.7	-2.85	-0.00	-2.5 to 2.5	Pass
					30	13.7	-1.95	-0.00	-2.5 to 2.5	Pass
					40	13.7	-3.10	-0.00	-2.5 to 2.5	Pass
					50	13.7	-1.65	-0.00	-2.5 to 2.5	Pass
	1779.3	6	0	20	11.64	0.79	0.00	-2.5 to 2.5	Pass	
					13.70	0.41	0.00	-2.5 to 2.5	Pass	
					15.75	0.19	0.00	-2.5 to 2.5	Pass	
				-10	13.7	0.77	0.00	-2.5 to 2.5	Pass	
				0	13.7	0.07	0.00	-2.5 to 2.5	Pass	
				10	13.7	0.53	0.00	-2.5 to 2.5	Pass	
				30	13.7	1.13	0.00	-2.5 to 2.5	Pass	
				40	13.7	-0.61	-0.00	-2.5 to 2.5	Pass	
	50	13.7	-0.16	-0.00	-2.5 to 2.5	Pass				
Band: 66 / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
QPSK	1711.5	15	0	20	11.64	0.46	0.00	-2.5 to 2.5	Pass	
					13.70	0.40	0.00	-2.5 to 2.5	Pass	
					15.75	-0.24	-0.00	-2.5 to 2.5	Pass	
				-10	13.7	1.69	0.00	-2.5 to 2.5	Pass	
				0	13.7	1.16	0.00	-2.5 to 2.5	Pass	
				10	13.7	0.63	0.00	-2.5 to 2.5	Pass	
				30	13.7	1.37	0.00	-2.5 to 2.5	Pass	
				40	13.7	-0.56	-0.00	-2.5 to 2.5	Pass	
				50	13.7	1.33	0.00	-2.5 to 2.5	Pass	
	1745	15	0	20	11.64	-2.17	-0.00	-2.5 to 2.5	Pass	
					13.70	-2.92	-0.00	-2.5 to 2.5	Pass	
					15.75	-2.66	-0.00	-2.5 to 2.5	Pass	
				-10	13.7	-1.99	-0.00	-2.5 to 2.5	Pass	
				0	13.7	-2.58	-0.00	-2.5 to 2.5	Pass	
				10	13.7	-2.73	-0.00	-2.5 to 2.5	Pass	
				30	13.7	-3.63	-0.00	-2.5 to 2.5	Pass	
				40	13.7	-1.87	-0.00	-2.5 to 2.5	Pass	
				50	13.7	-3.28	-0.00	-2.5 to 2.5	Pass	
	1778.5	15	0	20	11.64	2.53	0.00	-2.5 to 2.5	Pass	
					13.70	0.99	0.00	-2.5 to 2.5	Pass	
					15.75	2.99	0.00	-2.5 to 2.5	Pass	
				-10	13.7	3.10	0.00	-2.5 to 2.5	Pass	
				0	13.7	0.63	0.00	-2.5 to 2.5	Pass	
				10	13.7	2.36	0.00	-2.5 to 2.5	Pass	
				30	13.7	2.40	0.00	-2.5 to 2.5	Pass	
				40	13.7	2.69	0.00	-2.5 to 2.5	Pass	
				50	13.7	2.92	0.00	-2.5 to 2.5	Pass	
16QAM	1711.5	15	0	20	11.64	0.20	0.00	-2.5 to 2.5	Pass	
					13.70	0.43	0.00	-2.5 to 2.5	Pass	
					15.75	-0.76	-0.00	-2.5 to 2.5	Pass	
				-10	13.7	0.21	0.00	-2.5 to 2.5	Pass	
				0	13.7	0.77	0.00	-2.5 to 2.5	Pass	
10	13.7	0.50	0.00	-2.5 to 2.5	Pass					

	1745	15	0	30	13.7	-0.07	0.00	-2.5 to 2.5	Pass
				40	13.7	-0.06	0.00	-2.5 to 2.5	Pass
				50	13.7	0.96	0.00	-2.5 to 2.5	Pass
				20	11.64	-3.28	-0.00	-2.5 to 2.5	Pass
					13.70	-2.76	-0.00	-2.5 to 2.5	Pass
					15.75	-3.15	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-3.30	-0.00	-2.5 to 2.5	Pass
				0	13.7	-3.71	-0.00	-2.5 to 2.5	Pass
				10	13.7	-3.28	-0.00	-2.5 to 2.5	Pass
				30	13.7	-2.82	-0.00	-2.5 to 2.5	Pass
	40	13.7	-3.71	-0.00	-2.5 to 2.5	Pass			
	50	13.7	-4.41	-0.00	-2.5 to 2.5	Pass			
	1778.5	15	0	20	11.64	3.03	0.00	-2.5 to 2.5	Pass
					13.70	1.37	0.00	-2.5 to 2.5	Pass
					15.75	2.10	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.96	0.00	-2.5 to 2.5	Pass
				0	13.7	1.56	0.00	-2.5 to 2.5	Pass
				10	13.7	1.70	0.00	-2.5 to 2.5	Pass
				30	13.7	2.05	0.00	-2.5 to 2.5	Pass
				40	13.7	1.67	0.00	-2.5 to 2.5	Pass
50				13.7	3.03	0.00	-2.5 to 2.5	Pass	
Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	11.64	0.27	0.00	-2.5 to 2.5	Pass
					13.70	1.10	0.00	-2.5 to 2.5	Pass
					15.75	0.81	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.95	0.00	-2.5 to 2.5	Pass
				0	13.7	1.67	0.00	-2.5 to 2.5	Pass
				10	13.7	1.16	0.00	-2.5 to 2.5	Pass
				30	13.7	1.25	0.00	-2.5 to 2.5	Pass
				40	13.7	2.53	0.00	-2.5 to 2.5	Pass
				50	13.7	1.76	0.00	-2.5 to 2.5	Pass
	1745	25	0	20	11.64	-2.30	-0.00	-2.5 to 2.5	Pass
					13.70	-3.05	-0.00	-2.5 to 2.5	Pass
					15.75	-2.77	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-3.50	-0.00	-2.5 to 2.5	Pass
				0	13.7	-3.12	-0.00	-2.5 to 2.5	Pass
				10	13.7	-1.54	-0.00	-2.5 to 2.5	Pass
				30	13.7	-2.23	-0.00	-2.5 to 2.5	Pass
				40	13.7	-1.42	-0.00	-2.5 to 2.5	Pass
				50	13.7	-3.42	-0.00	-2.5 to 2.5	Pass
	1777.5	25	0	20	11.64	0.19	0.00	-2.5 to 2.5	Pass
					13.70	0.73	0.00	-2.5 to 2.5	Pass
					15.75	-0.16	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-0.39	-0.00	-2.5 to 2.5	Pass
				0	13.7	0.61	0.00	-2.5 to 2.5	Pass
				10	13.7	0.17	0.00	-2.5 to 2.5	Pass
				30	13.7	0.73	0.00	-2.5 to 2.5	Pass
				40	13.7	0.80	0.00	-2.5 to 2.5	Pass
				50	13.7	0.69	0.00	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	11.64	0.69	0.00	-2.5 to 2.5	Pass
					13.70	2.29	0.00	-2.5 to 2.5	Pass

					15.75	1.20	0.00	-2.5 to 2.5	Pass
				-10	13.7	1.83	0.00	-2.5 to 2.5	Pass
				0	13.7	1.17	0.00	-2.5 to 2.5	Pass
				10	13.7	1.52	0.00	-2.5 to 2.5	Pass
				30	13.7	1.00	0.00	-2.5 to 2.5	Pass
				40	13.7	0.99	0.00	-2.5 to 2.5	Pass
				50	13.7	1.17	0.00	-2.5 to 2.5	Pass
	1745	25	0	20	11.64	-2.86	-0.00	-2.5 to 2.5	Pass
					13.70	-1.89	-0.00	-2.5 to 2.5	Pass
					15.75	-1.60	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.56	-0.00	-2.5 to 2.5	Pass
				0	13.7	-3.16	-0.00	-2.5 to 2.5	Pass
				10	13.7	-3.25	-0.00	-2.5 to 2.5	Pass
				30	13.7	-3.13	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.25	-0.00	-2.5 to 2.5	Pass
	50	13.7	-2.27	-0.00	-2.5 to 2.5	Pass			
	1777.5	25	0	20	11.64	0.32	0.00	-2.5 to 2.5	Pass
					13.70	-0.77	-0.00	-2.5 to 2.5	Pass
					15.75	0.26	0.00	-2.5 to 2.5	Pass
				-10	13.7	0.07	0.00	-2.5 to 2.5	Pass
				0	13.7	-0.39	-0.00	-2.5 to 2.5	Pass
				10	13.7	-0.89	-0.00	-2.5 to 2.5	Pass
				30	13.7	-0.19	-0.00	-2.5 to 2.5	Pass
				40	13.7	0.01	0.00	-2.5 to 2.5	Pass
	50	13.7	0.00	0.00	-2.5 to 2.5	Pass			
Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	11.64	-3.30	-0.00	-2.5 to 2.5	Pass
					13.70	-2.22	-0.00	-2.5 to 2.5	Pass
					15.75	-2.15	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-2.99	-0.00	-2.5 to 2.5	Pass
				0	13.7	-3.08	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.88	-0.00	-2.5 to 2.5	Pass
				30	13.7	-2.32	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.43	-0.00	-2.5 to 2.5	Pass
				50	13.7	-3.25	-0.00	-2.5 to 2.5	Pass
	1745	50	0	20	11.64	-1.90	-0.00	-2.5 to 2.5	Pass
					13.70	-3.30	-0.00	-2.5 to 2.5	Pass
					15.75	-2.29	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-1.86	-0.00	-2.5 to 2.5	Pass
				0	13.7	-2.56	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.05	-0.00	-2.5 to 2.5	Pass
				30	13.7	-3.28	-0.00	-2.5 to 2.5	Pass
				40	13.7	-2.43	-0.00	-2.5 to 2.5	Pass
				50	13.7	-2.33	-0.00	-2.5 to 2.5	Pass
	1775	50	0	20	11.64	-3.52	-0.00	-2.5 to 2.5	Pass
					13.70	-2.22	-0.00	-2.5 to 2.5	Pass
					15.75	-3.09	-0.00	-2.5 to 2.5	Pass
				-10	13.7	-2.23	-0.00	-2.5 to 2.5	Pass
				0	13.7	-1.20	-0.00	-2.5 to 2.5	Pass
				10	13.7	-2.10	-0.00	-2.5 to 2.5	Pass
				30	13.7	-3.92	-0.00	-2.5 to 2.5	Pass

				40	13.7	-2.22	-0.00	-2.5 to 2.5	Pass	
				50	13.7	-2.39	-0.00	-2.5 to 2.5	Pass	
16QAM	1715	50	0	20	11.64	-3.46	-0.00	-2.5 to 2.5	Pass	
					13.70	-2.72	-0.00	-2.5 to 2.5	Pass	
					15.75	-3.18	-0.00	-2.5 to 2.5	Pass	
					-10	13.7	-3.26	-0.00	-2.5 to 2.5	Pass
				0	13.7	-3.45	-0.00	-2.5 to 2.5	Pass	
				10	13.7	-3.02	-0.00	-2.5 to 2.5	Pass	
				30	13.7	-1.06	-0.00	-2.5 to 2.5	Pass	
				40	13.7	-1.97	-0.00	-2.5 to 2.5	Pass	
				50	13.7	-2.26	-0.00	-2.5 to 2.5	Pass	
				1745	50	0	20	11.64	-2.67	-0.00
	13.70	-2.63	-0.00					-2.5 to 2.5	Pass	
	15.75	-2.96	-0.00					-2.5 to 2.5	Pass	
	-10	13.7	-3.86					-0.00	-2.5 to 2.5	Pass
	0	13.7	-2.29				-0.00	-2.5 to 2.5	Pass	
	10	13.7	-3.03				-0.00	-2.5 to 2.5	Pass	
	30	13.7	-3.19				-0.00	-2.5 to 2.5	Pass	
	40	13.7	-1.67				-0.00	-2.5 to 2.5	Pass	
	50	13.7	-2.10				-0.00	-2.5 to 2.5	Pass	
	1775	50	0				20	11.64	-2.88	-0.00
				13.70	-2.90	-0.00		-2.5 to 2.5	Pass	
				15.75	-3.16	-0.00		-2.5 to 2.5	Pass	
				-10	13.7	-4.00		-0.00	-2.5 to 2.5	Pass
				0	13.7	-4.05	-0.00	-2.5 to 2.5	Pass	
				10	13.7	-2.77	-0.00	-2.5 to 2.5	Pass	
				30	13.7	-2.96	-0.00	-2.5 to 2.5	Pass	
				40	13.7	-1.65	-0.00	-2.5 to 2.5	Pass	
	50	13.7	-3.20	-0.00	-2.5 to 2.5	Pass				
	Band: 66 / Bandwidth: 15MHz									
	Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit		
QPSK	1717.5	75	0	20	11.64	-0.19	-0.00	-2.5 to 2.5	Pass	
					13.70	0.47	0.00	-2.5 to 2.5	Pass	
					15.75	0.53	0.00	-2.5 to 2.5	Pass	
					-10	13.7	0.79	0.00	-2.5 to 2.5	Pass
				0	13.7	1.67	0.00	-2.5 to 2.5	Pass	
				10	13.7	0.83	0.00	-2.5 to 2.5	Pass	
				30	13.7	0.96	0.00	-2.5 to 2.5	Pass	
				40	13.7	0.19	0.00	-2.5 to 2.5	Pass	
				50	13.7	1.14	0.00	-2.5 to 2.5	Pass	
				1745	75	0	20	11.64	-2.12	-0.00
	13.70	-2.62	-0.00					-2.5 to 2.5	Pass	
	15.75	-2.50	-0.00					-2.5 to 2.5	Pass	
	-10	13.7	-3.13					-0.00	-2.5 to 2.5	Pass
	0	13.7	-1.29				-0.00	-2.5 to 2.5	Pass	
	10	13.7	-2.92				-0.00	-2.5 to 2.5	Pass	
	30	13.7	-1.26				-0.00	-2.5 to 2.5	Pass	
	40	13.7	-2.82				-0.00	-2.5 to 2.5	Pass	
	50	13.7	-2.83				-0.00	-2.5 to 2.5	Pass	
	1772.5	75	0				20	11.64	0.49	0.00
				13.70	1.54	0.00		-2.5 to 2.5	Pass	
				15.75	1.90	0.00		-2.5 to 2.5	Pass	