

FCC TEST REPORT

(PART 27)

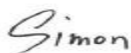
Applicant:	PAX Technology Limited
Address:	Room 2416, 24/F., Sun Hung Kai Centre, 30 Harbour Hong Kong China

Manufacturer or Supplier:	PAX Computer Technology (Shenzhen) Co., Ltd.
Address:	4/F, No.3 Building, Software Park, Second Central Science-Tech Road, High-Tech industrial Park, Shenzhen, Guangdong, P.R.C.
Product:	Pay Tablet
Brand Name:	PAX
Model Name:	M8
HW version:	M8-XXX-XXX-XXXX
SW version:	V0.0.0.1
FCC ID:	V5PM8
Registration No:	525120
Designation No:	CN1171
Date of tests:	Sep. 19, 2021 ~ Oct. 30, 2021

The tests have been carried out according to the requirements of the following standard:

☒ FCC Part 27, Subpart C, M ☒ ANSI/TIA/EIA-603-D
☒ FCC Part 2 ☒ ANSI/TIA/EIA-603-E ☒ ANSI C63.26-2015

CONCLUSION: The submitted sample was found to comply with the test requirement

Prepared by Simon Wang Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department
	
Date: Nov. 01, 2021	Date: Nov. 01, 2021

This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

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VERITAS

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1. Frequency Stability

1.1. WCDMA_Band4

1.1.1. Test Result

Band: 4							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
RMC	1712.4	20	3.27	-12.33	-0.01	-2.5 to 2.5	Pass
			3.85	-11.99	-0.01	-2.5 to 2.5	Pass
			4.43	-11.07	-0.01	-2.5 to 2.5	Pass
		-10	3.85	-12.63	-0.01	-2.5 to 2.5	Pass
		0	3.85	-13.78	-0.01	-2.5 to 2.5	Pass
		10	3.85	-13.33	-0.01	-2.5 to 2.5	Pass
		30	3.85	-13.11	-0.01	-2.5 to 2.5	Pass
		40	3.85	-16.12	-0.01	-2.5 to 2.5	Pass
		50	3.85	-14.21	-0.01	-2.5 to 2.5	Pass
	1732.6	20	3.27	-9.33	-0.01	-2.5 to 2.5	Pass
			3.85	-16.11	-0.01	-2.5 to 2.5	Pass
			4.43	-9.08	-0.01	-2.5 to 2.5	Pass
		-10	3.85	-10.13	-0.01	-2.5 to 2.5	Pass
		0	3.85	-10.93	-0.01	-2.5 to 2.5	Pass
		10	3.85	-7.05	-0.00	-2.5 to 2.5	Pass
		30	3.85	-8.23	-0.00	-2.5 to 2.5	Pass
		40	3.85	-11.12	-0.01	-2.5 to 2.5	Pass
		50	3.85	-11.37	-0.01	-2.5 to 2.5	Pass
	1752.6	20	3.27	-8.94	-0.01	-2.5 to 2.5	Pass
			3.85	-5.99	-0.00	-2.5 to 2.5	Pass
			4.43	-10.00	-0.01	-2.5 to 2.5	Pass
		-10	3.85	-6.59	-0.00	-2.5 to 2.5	Pass
		0	3.85	-8.93	-0.01	-2.5 to 2.5	Pass
		10	3.85	-5.03	-0.00	-2.5 to 2.5	Pass
		30	3.85	-4.77	-0.00	-2.5 to 2.5	Pass
		40	3.85	-9.01	-0.01	-2.5 to 2.5	Pass
		50	3.85	-11.51	-0.01	-2.5 to 2.5	Pass

1.2. LTE_B4_1.4MHz

1.2.1. 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	3.27	-0.53	-0.00	-2.5 to 2.5	Pass
					3.85	-2.88	-0.00	-2.5 to 2.5	Pass
					4.43	-4.48	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.63	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.79	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.60	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.78	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.18	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.47	-0.00	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-6.59	-0.00	-2.5 to 2.5	Pass
					3.85	-3.42	-0.00	-2.5 to 2.5	Pass
					4.43	-8.83	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.51	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.80	-0.00	-2.5 to 2.5	Pass
				10	3.85	0.57	0.00	-2.5 to 2.5	Pass
				30	3.85	-5.48	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.95	-0.00	-2.5 to 2.5	Pass
				50	3.85	-6.09	-0.00	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-10.01	-0.01	-2.5 to 2.5	Pass
					3.85	-13.30	-0.01	-2.5 to 2.5	Pass
					4.43	-5.81	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.81	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.99	-0.00	-2.5 to 2.5	Pass
				10	3.85	-10.80	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.54	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.91	-0.00	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-10.36	-0.01	-2.5 to 2.5	Pass
					3.85	-3.32	-0.00	-2.5 to 2.5	Pass
					4.43	2.42	0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.05	-0.00	-2.5 to 2.5	Pass
				0	3.85	-6.95	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.11	-0.00	-2.5 to 2.5	Pass
				30	3.85	-8.43	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.10	0.00	-2.5 to 2.5	Pass
				50	3.85	-2.88	-0.00	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-5.42	-0.00	-2.5 to 2.5	Pass
					3.85	-11.40	-0.01	-2.5 to 2.5	Pass
					4.43	-11.97	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.19	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.39	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.18	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.66	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.96	-0.00	-2.5 to 2.5	Pass



				50	3.85	-10.49	-0.01	-2.5 to 2.5	Pass
				20	3.27	-6.28	-0.00	-2.5 to 2.5	Pass
					3.85	-7.05	-0.00	-2.5 to 2.5	Pass
					4.43	-8.87	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.68	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.64	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.34	-0.00	-2.5 to 2.5	Pass
				30	3.85	-6.28	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.51	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.82	-0.00	-2.5 to 2.5	Pass

1.3. LTE_B4_3MHz

1.3.1. Test Result

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	3.27	-4.66	-0.00	-2.5 to 2.5	Pass
					3.85	-8.63	-0.01	-2.5 to 2.5	Pass
					4.43	-2.56	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.62	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.83	-0.00	-2.5 to 2.5	Pass
				10	3.85	-10.34	-0.01	-2.5 to 2.5	Pass
				30	3.85	-3.19	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.81	-0.00	-2.5 to 2.5	Pass
				50	3.85	-7.97	-0.00	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-4.98	-0.00	-2.5 to 2.5	Pass
					3.85	-4.11	-0.00	-2.5 to 2.5	Pass
					4.43	-11.13	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-3.86	-0.00	-2.5 to 2.5	Pass
				0	3.85	-9.57	-0.01	-2.5 to 2.5	Pass
				10	3.85	-2.37	-0.00	-2.5 to 2.5	Pass
				30	3.85	-10.99	-0.01	-2.5 to 2.5	Pass
				40	3.85	-8.47	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.21	-0.00	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-4.29	-0.00	-2.5 to 2.5	Pass
					3.85	-5.88	-0.00	-2.5 to 2.5	Pass
					4.43	-4.63	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.55	-0.00	-2.5 to 2.5	Pass
				0	3.85	-6.72	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.12	-0.00	-2.5 to 2.5	Pass
				30	3.85	-10.29	-0.01	-2.5 to 2.5	Pass
				40	3.85	-3.35	-0.00	-2.5 to 2.5	Pass
				50	3.85	-7.68	-0.00	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-4.19	-0.00	-2.5 to 2.5	Pass
					3.85	-9.54	-0.01	-2.5 to 2.5	Pass
					4.43	-3.78	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-8.07	-0.00	-2.5 to 2.5	Pass
				0	3.85	-11.22	-0.01	-2.5 to 2.5	Pass
				10	3.85	-7.30	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.06	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.80	-0.00	-2.5 to 2.5	Pass
				50	3.85	-6.38	-0.00	-2.5 to 2.5	Pass



	1732.5	15	0	20	3.27	-0.49	-0.00	-2.5 to 2.5	Pass
					3.85	-3.38	-0.00	-2.5 to 2.5	Pass
					4.43	-11.64	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.52	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.31	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.95	-0.00	-2.5 to 2.5	Pass
				30	3.85	-7.02	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.79	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.80	-0.00	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-6.94	-0.00	-2.5 to 2.5	Pass
					3.85	-8.15	-0.00	-2.5 to 2.5	Pass
					4.43	-9.38	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-9.36	-0.01	-2.5 to 2.5	Pass
				0	3.85	-9.41	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.99	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.35	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.19	-0.00	-2.5 to 2.5	Pass
				50	3.85	-7.02	-0.00	-2.5 to 2.5	Pass

1.4. LTE_B4_5MHz

1.4.1. Test Result

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	3.27	-7.85	-0.00	-2.5 to 2.5	Pass
					3.85	-7.30	-0.00	-2.5 to 2.5	Pass
					4.43	-7.97	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-7.30	-0.00	-2.5 to 2.5	Pass
				0	3.85	-6.39	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.26	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.09	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.72	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.28	-0.00	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-1.47	-0.00	-2.5 to 2.5	Pass
					3.85	-5.22	-0.00	-2.5 to 2.5	Pass
					4.43	-7.24	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.05	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.67	-0.00	-2.5 to 2.5	Pass
				10	3.85	0.17	0.00	-2.5 to 2.5	Pass
				30	3.85	-4.53	-0.00	-2.5 to 2.5	Pass
				40	3.85	-9.38	-0.01	-2.5 to 2.5	Pass
				50	3.85	1.39	0.00	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-6.64	-0.00	-2.5 to 2.5	Pass
					3.85	-4.36	-0.00	-2.5 to 2.5	Pass
					4.43	-5.55	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-6.17	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.93	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.68	-0.00	-2.5 to 2.5	Pass
				30	3.85	-10.20	-0.01	-2.5 to 2.5	Pass
				40	3.85	-8.91	-0.01	-2.5 to 2.5	Pass
				50	3.85	-7.44	-0.00	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-4.71	-0.00	-2.5 to 2.5	Pass



						3.85	-5.18	-0.00	-2.5 to 2.5	Pass
						4.43	-8.37	-0.00	-2.5 to 2.5	Pass
					-10	3.85	-0.60	-0.00	-2.5 to 2.5	Pass
					0	3.85	-6.11	-0.00	-2.5 to 2.5	Pass
					10	3.85	-0.74	-0.00	-2.5 to 2.5	Pass
					30	3.85	-2.92	-0.00	-2.5 to 2.5	Pass
					40	3.85	-5.91	-0.00	-2.5 to 2.5	Pass
					50	3.85	-8.51	-0.01	-2.5 to 2.5	Pass
	1732.5	25	0		20	3.27	-0.54	-0.00	-2.5 to 2.5	Pass
						3.85	-2.30	-0.00	-2.5 to 2.5	Pass
						4.43	-5.68	-0.00	-2.5 to 2.5	Pass
					-10	3.85	-0.23	-0.00	-2.5 to 2.5	Pass
					0	3.85	-3.73	-0.00	-2.5 to 2.5	Pass
					10	3.85	-3.25	-0.00	-2.5 to 2.5	Pass
					30	3.85	-0.09	-0.00	-2.5 to 2.5	Pass
					40	3.85	0.82	0.00	-2.5 to 2.5	Pass
	50	3.85	-6.85	-0.00	-2.5 to 2.5	Pass				
	1752.5	25	0		20	3.27	-7.18	-0.00	-2.5 to 2.5	Pass
						3.85	-0.76	-0.00	-2.5 to 2.5	Pass
						4.43	-5.36	-0.00	-2.5 to 2.5	Pass
					-10	3.85	-0.63	-0.00	-2.5 to 2.5	Pass
					0	3.85	-1.54	-0.00	-2.5 to 2.5	Pass
					10	3.85	-6.74	-0.00	-2.5 to 2.5	Pass
					30	3.85	-7.17	-0.00	-2.5 to 2.5	Pass
					40	3.85	-5.55	-0.00	-2.5 to 2.5	Pass
	50	3.85	-6.14	-0.00	-2.5 to 2.5	Pass				

1.5. LTE_B4_10MHz

1.5.1. Test Result

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	3.27	-8.00	-0.00	-2.5 to 2.5	Pass
					3.85	-4.66	-0.00	-2.5 to 2.5	Pass
					4.43	-5.98	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-9.70	-0.01	-2.5 to 2.5	Pass
				0	3.85	-4.85	-0.00	-2.5 to 2.5	Pass
				10	3.85	-12.15	-0.01	-2.5 to 2.5	Pass
				30	3.85	-9.40	-0.01	-2.5 to 2.5	Pass
				40	3.85	-4.78	-0.00	-2.5 to 2.5	Pass
				50	3.85	-7.07	-0.00	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-4.85	-0.00	-2.5 to 2.5	Pass
					3.85	-4.61	-0.00	-2.5 to 2.5	Pass
					4.43	-5.58	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.99	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.71	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.58	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.86	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.88	-0.00	-2.5 to 2.5	Pass
				50	3.85	-8.43	-0.00	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-5.61	-0.00	-2.5 to 2.5	Pass
					3.85	-7.12	-0.00	-2.5 to 2.5	Pass



16QAM	1715	50	0		4.43	-6.39	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-7.30	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.93	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.35	-0.00	-2.5 to 2.5	Pass
				30	3.85	-12.75	-0.01	-2.5 to 2.5	Pass
				40	3.85	-7.34	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.37	-0.00	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-5.58	-0.00	-2.5 to 2.5	Pass
					3.85	-2.35	-0.00	-2.5 to 2.5	Pass
					4.43	-7.60	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-7.67	-0.00	-2.5 to 2.5	Pass
				0	3.85	-6.82	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.38	-0.00	-2.5 to 2.5	Pass
				30	3.85	-6.25	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.35	-0.00	-2.5 to 2.5	Pass
				50	3.85	-9.50	-0.01	-2.5 to 2.5	Pass
				20	3.27	-2.39	-0.00	-2.5 to 2.5	Pass
					3.85	-3.66	-0.00	-2.5 to 2.5	Pass
					4.43	-5.66	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.83	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.48	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.10	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.66	-0.00	-2.5 to 2.5	Pass
				40	3.85	-9.18	-0.01	-2.5 to 2.5	Pass
				50	3.85	-5.11	-0.00	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-6.87	-0.00	-2.5 to 2.5	Pass
					3.85	-9.37	-0.01	-2.5 to 2.5	Pass
					4.43	-8.07	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.39	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.30	-0.00	-2.5 to 2.5	Pass
				10	3.85	-9.00	-0.01	-2.5 to 2.5	Pass
				30	3.85	-6.91	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.48	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.19	-0.00	-2.5 to 2.5	Pass

1.6. LTE_B4_15MHz

1.6.1. Test Result

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	3.27	-2.06	-0.00	-2.5 to 2.5	Pass
					3.85	-6.05	-0.00	-2.5 to 2.5	Pass
					4.43	-1.83	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.08	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.82	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.65	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.46	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.34	-0.00	-2.5 to 2.5	Pass
				50	3.85	-8.20	-0.00	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-7.00	-0.00	-2.5 to 2.5	Pass



					3.85	-4.25	-0.00	-2.5 to 2.5	Pass
					4.43	-1.47	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.59	0.00	-2.5 to 2.5	Pass
				0	3.85	-4.48	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.83	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.49	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.69	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.52	-0.00	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-6.71	-0.00	-2.5 to 2.5	Pass
					3.85	-5.74	-0.00	-2.5 to 2.5	Pass
					4.43	-5.32	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-7.97	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.12	-0.00	-2.5 to 2.5	Pass
				10	3.85	-9.04	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.82	-0.00	-2.5 to 2.5	Pass
				40	3.85	-8.73	-0.01	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.85	-8.15	-0.00	-2.5 to 2.5	Pass
					3.27	-3.53	-0.00	-2.5 to 2.5	Pass
					4.43	-9.97	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-4.49	-0.00	-2.5 to 2.5	Pass
				0	3.85	-9.03	-0.01	-2.5 to 2.5	Pass
				10	3.85	0.43	0.00	-2.5 to 2.5	Pass
				30	3.85	-7.37	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.72	-0.00	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.85	-3.58	-0.00	-2.5 to 2.5	Pass
					3.27	-6.11	-0.00	-2.5 to 2.5	Pass
					4.43	-8.34	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.96	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.39	-0.00	-2.5 to 2.5	Pass
				10	3.85	-5.48	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.14	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.23	-0.00	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.85	-4.51	-0.00	-2.5 to 2.5	Pass
					3.27	-2.13	-0.00	-2.5 to 2.5	Pass
					4.43	-9.23	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.39	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.86	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.52	-0.00	-2.5 to 2.5	Pass
				30	3.85	-8.53	-0.00	-2.5 to 2.5	Pass
				40	3.85	-8.18	-0.00	-2.5 to 2.5	Pass
				50	3.85	-7.98	-0.00	-2.5 to 2.5	Pass

1.7. LTE_B4_20MHz

1.7.1. Test Result

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	

BV 7Layers Communications
Technology (Shenzhen) Co. Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan
Avenue, North Area, Hi-Tech Industrial Park, Nanshan
District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



QPSK	1720	100	0	20	3.27	-7.24	-0.00	-2.5 to 2.5	Pass
					3.85	-3.12	-0.00	-2.5 to 2.5	Pass
					4.43	-8.65	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.39	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.45	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.42	-0.00	-2.5 to 2.5	Pass
				30	3.85	-8.65	-0.01	-2.5 to 2.5	Pass
				40	3.85	-3.98	-0.00	-2.5 to 2.5	Pass
				50	3.85	-8.35	-0.00	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-5.15	-0.00	-2.5 to 2.5	Pass
					3.85	-4.35	-0.00	-2.5 to 2.5	Pass
					4.43	-10.89	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-3.35	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.39	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.76	-0.00	-2.5 to 2.5	Pass
				30	3.85	-9.16	-0.01	-2.5 to 2.5	Pass
				40	3.85	-12.29	-0.01	-2.5 to 2.5	Pass
				50	3.85	-3.58	-0.00	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.76	-0.00	-2.5 to 2.5	Pass
					3.85	-4.11	-0.00	-2.5 to 2.5	Pass
					4.43	-3.29	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.75	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.95	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.34	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.36	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.65	-0.00	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-6.27	-0.00	-2.5 to 2.5	Pass
					3.85	-10.47	-0.01	-2.5 to 2.5	Pass
					4.43	-12.55	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-8.23	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.55	-0.00	-2.5 to 2.5	Pass
				10	3.85	-7.35	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.18	-0.00	-2.5 to 2.5	Pass
				40	3.85	-8.27	-0.00	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-8.20	-0.00	-2.5 to 2.5	Pass
					3.85	-5.61	-0.00	-2.5 to 2.5	Pass
					4.43	-7.44	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-6.88	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.36	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.58	-0.00	-2.5 to 2.5	Pass
				30	3.85	-9.58	-0.01	-2.5 to 2.5	Pass
				40	3.85	-1.60	-0.00	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.71	-0.00	-2.5 to 2.5	Pass
					3.85	-6.68	-0.00	-2.5 to 2.5	Pass
					4.43	-3.00	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.52	-0.00	-2.5 to 2.5	Pass
				0	3.85	-7.38	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.43	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.42	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.33	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.76	-0.00	-2.5 to 2.5	Pass

1.8. LTE_B12_1.4MHz

1.8.1. 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	3.27	-6.81	-0.01	-2.5 to 2.5	Pass
					3.85	-7.98	-0.01	-2.5 to 2.5	Pass
					4.43	-8.14	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.18	-0.01	-2.5 to 2.5	Pass
				0	3.85	-6.29	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.05	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.68	-0.01	-2.5 to 2.5	Pass
				40	3.85	-6.22	-0.01	-2.5 to 2.5	Pass
				50	3.85	-4.59	-0.01	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-3.93	-0.01	-2.5 to 2.5	Pass
					3.85	-6.29	-0.01	-2.5 to 2.5	Pass
					4.43	-2.45	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.24	-0.01	-2.5 to 2.5	Pass
				0	3.85	-3.36	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.69	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.72	-0.01	-2.5 to 2.5	Pass
				40	3.85	-1.14	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.38	-0.00	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-5.97	-0.01	-2.5 to 2.5	Pass
					3.85	-5.91	-0.01	-2.5 to 2.5	Pass
					4.43	-4.29	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-3.62	-0.01	-2.5 to 2.5	Pass
				0	3.85	-2.65	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.66	-0.01	-2.5 to 2.5	Pass
				30	3.85	-2.96	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.63	-0.01	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-6.72	-0.01	-2.5 to 2.5	Pass
					3.85	-5.42	-0.01	-2.5 to 2.5	Pass
					4.43	-5.39	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-8.51	-0.01	-2.5 to 2.5	Pass
				0	3.85	-4.23	-0.01	-2.5 to 2.5	Pass
				10	3.85	-5.97	-0.01	-2.5 to 2.5	Pass
				30	3.85	-6.07	-0.01	-2.5 to 2.5	Pass
				40	3.85	-6.98	-0.01	-2.5 to 2.5	Pass
				50	3.85	-6.19	-0.01	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-6.22	-0.01	-2.5 to 2.5	Pass
					3.85	-6.87	-0.01	-2.5 to 2.5	Pass
					4.43	-7.48	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-10.33	-0.01	-2.5 to 2.5	Pass
				0	3.85	-5.55	-0.01	-2.5 to 2.5	Pass
				10	3.85	-6.59	-0.01	-2.5 to 2.5	Pass
				30	3.85	-4.18	-0.01	-2.5 to 2.5	Pass
				40	3.85	-3.66	-0.01	-2.5 to 2.5	Pass



VERTAS				50	3.85	-3.81	-0.01	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-5.89	-0.01	-2.5 to 2.5	Pass
					3.85	-3.92	-0.01	-2.5 to 2.5	Pass
					4.43	-3.38	-0.00	-2.5 to 2.5	Pass
					-10	3.85	-7.51	-0.01	-2.5 to 2.5
				0	3.85	-4.62	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.33	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.06	-0.01	-2.5 to 2.5	Pass
				40	3.85	-5.88	-0.01	-2.5 to 2.5	Pass
				50	3.85	-4.02	-0.01	-2.5 to 2.5	Pass

1.9. LTE_B12_3MHz

1.9.1. Test Result

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	3.27	-9.07	-0.01	-2.5 to 2.5	Pass
					3.85	-7.50	-0.01	-2.5 to 2.5	Pass
					4.43	-6.41	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.72	-0.01	-2.5 to 2.5	Pass
				0	3.85	-8.35	-0.01	-2.5 to 2.5	Pass
				10	3.85	-3.19	-0.00	-2.5 to 2.5	Pass
				30	3.85	-7.80	-0.01	-2.5 to 2.5	Pass
				40	3.85	-3.29	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.39	-0.01	-2.5 to 2.5	Pass
	707.5	15	0	20	3.27	-4.03	-0.01	-2.5 to 2.5	Pass
					3.85	-3.75	-0.01	-2.5 to 2.5	Pass
					4.43	-4.11	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-1.06	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.90	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.38	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.33	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.60	0.00	-2.5 to 2.5	Pass
				50	3.85	-3.26	-0.00	-2.5 to 2.5	Pass
	714.5	15	0	20	3.27	-3.45	-0.00	-2.5 to 2.5	Pass
					3.85	-5.26	-0.01	-2.5 to 2.5	Pass
					4.43	-3.16	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.29	-0.01	-2.5 to 2.5	Pass
				0	3.85	-5.32	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.56	-0.01	-2.5 to 2.5	Pass
				30	3.85	-4.76	-0.01	-2.5 to 2.5	Pass
				40	3.85	-4.02	-0.01	-2.5 to 2.5	Pass
				50	3.85	-6.47	-0.01	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.27	-7.07	-0.01	-2.5 to 2.5	Pass
					3.85	-2.19	-0.00	-2.5 to 2.5	Pass
					4.43	-4.96	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-3.86	-0.01	-2.5 to 2.5	Pass
				0	3.85	-4.84	-0.01	-2.5 to 2.5	Pass
				10	3.85	-7.61	-0.01	-2.5 to 2.5	Pass
				30	3.85	-8.65	-0.01	-2.5 to 2.5	Pass



	707.5	15	0	40	3.85	-5.58	-0.01	-2.5 to 2.5	Pass
				50	3.85	-10.57	-0.02	-2.5 to 2.5	Pass
				20	3.27	-7.18	-0.01	-2.5 to 2.5	Pass
					3.85	-2.32	-0.00	-2.5 to 2.5	Pass
					4.43	-3.23	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.15	-0.01	-2.5 to 2.5	Pass
				0	3.85	-9.01	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.31	-0.01	-2.5 to 2.5	Pass
				30	3.85	-4.29	-0.01	-2.5 to 2.5	Pass
				40	3.85	-3.55	-0.01	-2.5 to 2.5	Pass
	714.5	15	0	50	3.85	-5.24	-0.01	-2.5 to 2.5	Pass
				20	3.27	-4.33	-0.01	-2.5 to 2.5	Pass
					3.85	-5.45	-0.01	-2.5 to 2.5	Pass
					4.43	-5.01	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-4.92	-0.01	-2.5 to 2.5	Pass
				0	3.85	-7.88	-0.01	-2.5 to 2.5	Pass
				10	3.85	-7.91	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.18	-0.01	-2.5 to 2.5	Pass
				40	3.85	-6.37	-0.01	-2.5 to 2.5	Pass
				50	3.85	-5.74	-0.01	-2.5 to 2.5	Pass

1.10. LTE_B12_5MHz

1.10.1. Test Result

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	3.27	-5.89	-0.01	-2.5 to 2.5	Pass
					3.85	-4.72	-0.01	-2.5 to 2.5	Pass
					4.43	-9.28	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-9.44	-0.01	-2.5 to 2.5	Pass
				0	3.85	-8.81	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.90	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.27	-0.01	-2.5 to 2.5	Pass
				40	3.85	-6.91	-0.01	-2.5 to 2.5	Pass
				50	3.85	-6.90	-0.01	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-7.61	-0.01	-2.5 to 2.5	Pass
					3.85	-2.56	-0.00	-2.5 to 2.5	Pass
					4.43	-7.91	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-9.63	-0.01	-2.5 to 2.5	Pass
				0	3.85	-7.01	-0.01	-2.5 to 2.5	Pass
				10	3.85	-7.08	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.67	-0.01	-2.5 to 2.5	Pass
				40	3.85	-7.55	-0.01	-2.5 to 2.5	Pass
				50	3.85	-8.67	-0.01	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-6.81	-0.01	-2.5 to 2.5	Pass
					3.85	-6.61	-0.01	-2.5 to 2.5	Pass
					4.43	-2.73	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.02	-0.01	-2.5 to 2.5	Pass
				0	3.85	-4.42	-0.01	-2.5 to 2.5	Pass
				10	3.85	-9.18	-0.01	-2.5 to 2.5	Pass



16QAM	701.5	25	0	30	3.85	-7.67	-0.01	-2.5 to 2.5	Pass
				40	3.85	-8.61	-0.01	-2.5 to 2.5	Pass
				50	3.85	-7.00	-0.01	-2.5 to 2.5	Pass
				20	3.27	-9.57	-0.01	-2.5 to 2.5	Pass
					3.85	-7.65	-0.01	-2.5 to 2.5	Pass
					4.43	-7.12	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-3.15	-0.00	-2.5 to 2.5	Pass
				0	3.85	-6.48	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.76	-0.01	-2.5 to 2.5	Pass
	707.5	25	0	30	3.85	-4.96	-0.01	-2.5 to 2.5	Pass
				40	3.85	-9.33	-0.01	-2.5 to 2.5	Pass
				50	3.85	-7.91	-0.01	-2.5 to 2.5	Pass
				20	3.27	-6.54	-0.01	-2.5 to 2.5	Pass
					3.85	-5.38	-0.01	-2.5 to 2.5	Pass
					4.43	-5.64	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.25	-0.01	-2.5 to 2.5	Pass
				0	3.85	-4.81	-0.01	-2.5 to 2.5	Pass
				10	3.85	-7.32	-0.01	-2.5 to 2.5	Pass
	713.5	25	0	30	3.85	-3.49	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.47	-0.01	-2.5 to 2.5	Pass
				50	3.85	-7.55	-0.01	-2.5 to 2.5	Pass
				20	3.27	-5.81	-0.01	-2.5 to 2.5	Pass
					3.85	-3.88	-0.01	-2.5 to 2.5	Pass
					4.43	-4.98	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-8.08	-0.01	-2.5 to 2.5	Pass
				0	3.85	-10.50	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.18	-0.01	-2.5 to 2.5	Pass
				30	3.85	-3.63	-0.01	-2.5 to 2.5	Pass
				40	3.85	-6.21	-0.01	-2.5 to 2.5	Pass
				50	3.85	-3.88	-0.01	-2.5 to 2.5	Pass

1.11. LTE_B12_10MHz

1.11.1. Test Result

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	3.27	-4.65	-0.01	-2.5 to 2.5	Pass
					3.85	-2.39	-0.00	-2.5 to 2.5	Pass
					4.43	-2.47	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.30	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.49	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.43	-0.01	-2.5 to 2.5	Pass
				30	3.85	-4.61	-0.01	-2.5 to 2.5	Pass
				40	3.85	-4.32	-0.01	-2.5 to 2.5	Pass
				50	3.85	-4.45	-0.01	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-3.62	-0.01	-2.5 to 2.5	Pass
					3.85	-5.06	-0.01	-2.5 to 2.5	Pass
					4.43	-6.38	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.93	-0.01	-2.5 to 2.5	Pass
				0	3.85	-6.94	-0.01	-2.5 to 2.5	Pass



16QAM				10	3.85	-8.75	-0.01	-2.5 to 2.5	Pass
				30	3.85	-11.56	-0.02	-2.5 to 2.5	Pass
				40	3.85	-7.84	-0.01	-2.5 to 2.5	Pass
				50	3.85	-10.73	-0.02	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-5.84	-0.01	-2.5 to 2.5	Pass
					3.85	-4.95	-0.01	-2.5 to 2.5	Pass
					4.43	-5.02	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-2.55	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.93	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.90	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.29	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.95	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.62	-0.01	-2.5 to 2.5	Pass
	704	50	0	20	3.27	-3.79	-0.01	-2.5 to 2.5	Pass
					3.85	-6.39	-0.01	-2.5 to 2.5	Pass
					4.43	-6.29	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-4.99	-0.01	-2.5 to 2.5	Pass
				0	3.85	-3.43	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.35	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.49	-0.01	-2.5 to 2.5	Pass
				40	3.85	-7.77	-0.01	-2.5 to 2.5	Pass
				50	3.85	-6.87	-0.01	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-3.46	-0.00	-2.5 to 2.5	Pass
					3.85	-7.25	-0.01	-2.5 to 2.5	Pass
					4.43	-6.44	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.35	-0.01	-2.5 to 2.5	Pass
				0	3.85	-3.98	-0.01	-2.5 to 2.5	Pass
				10	3.85	-2.79	-0.00	-2.5 to 2.5	Pass
				30	3.85	-7.01	-0.01	-2.5 to 2.5	Pass
				40	3.85	-5.72	-0.01	-2.5 to 2.5	Pass
				50	3.85	-5.55	-0.01	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-2.39	-0.00	-2.5 to 2.5	Pass
					3.85	-6.71	-0.01	-2.5 to 2.5	Pass
					4.43	-6.69	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.79	-0.01	-2.5 to 2.5	Pass
				0	3.85	-4.61	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.95	-0.01	-2.5 to 2.5	Pass
				30	3.85	-2.92	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.03	-0.01	-2.5 to 2.5	Pass
				50	3.85	0.51	0.00	-2.5 to 2.5	Pass

1.12. LTE_B13_5MHz

1.12.1. Test Result

Band: 13 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	779.5	25	0	20	3.27	-0.96	-0.00	-2.5 to 2.5	Pass
					3.85	-5.14	-0.01	-2.5 to 2.5	Pass
					4.43	-5.14	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-4.66	-0.01	-2.5 to 2.5	Pass
				0	3.85	-7.98	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.21	-0.01	-2.5 to 2.5	Pass
				30	3.85	-6.74	-0.01	-2.5 to 2.5	Pass
				40	3.85	-9.23	-0.01	-2.5 to 2.5	Pass
				50	3.85	-10.33	-0.01	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-4.08	-0.01	-2.5 to 2.5	Pass
					3.85	-4.41	-0.01	-2.5 to 2.5	Pass
					4.43	-6.78	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-4.68	-0.01	-2.5 to 2.5	Pass
				0	3.85	-4.08	-0.01	-2.5 to 2.5	Pass
				10	3.85	-7.18	-0.01	-2.5 to 2.5	Pass
				30	3.85	-9.04	-0.01	-2.5 to 2.5	Pass
				40	3.85	-11.20	-0.01	-2.5 to 2.5	Pass
				50	3.85	-12.02	-0.02	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-7.38	-0.01	-2.5 to 2.5	Pass
					3.85	-5.75	-0.01	-2.5 to 2.5	Pass
					4.43	-7.62	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.44	-0.01	-2.5 to 2.5	Pass
				0	3.85	-5.34	-0.01	-2.5 to 2.5	Pass
				10	3.85	-5.18	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.38	-0.01	-2.5 to 2.5	Pass
				40	3.85	-6.84	-0.01	-2.5 to 2.5	Pass
16QAM	779.5	25	0	20	3.27	-10.24	-0.01	-2.5 to 2.5	Pass
					3.85	-5.85	-0.01	-2.5 to 2.5	Pass
					4.43	-3.81	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.26	-0.00	-2.5 to 2.5	Pass
				0	3.85	-6.49	-0.01	-2.5 to 2.5	Pass
				10	3.85	-2.62	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.19	-0.01	-2.5 to 2.5	Pass
				40	3.85	-7.47	-0.01	-2.5 to 2.5	Pass
	782	25	0	20	3.27	-0.63	-0.00	-2.5 to 2.5	Pass
					3.85	-3.93	-0.01	-2.5 to 2.5	Pass
					4.43	-4.96	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-8.23	-0.01	-2.5 to 2.5	Pass
				0	3.85	-7.61	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.66	-0.01	-2.5 to 2.5	Pass
				30	3.85	-3.85	-0.00	-2.5 to 2.5	Pass
				40	3.85	-5.29	-0.01	-2.5 to 2.5	Pass



VERTAS				50	3.85	-3.50	-0.00	-2.5 to 2.5	Pass
	784.5	25	0	20	3.27	-6.47	-0.01	-2.5 to 2.5	Pass
					3.85	-9.46	-0.01	-2.5 to 2.5	Pass
					4.43	-9.73	-0.01	-2.5 to 2.5	Pass
					-10	3.85	-6.44	-0.01	-2.5 to 2.5
				0	3.85	-8.71	-0.01	-2.5 to 2.5	Pass
				10	3.85	-5.42	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.64	-0.01	-2.5 to 2.5	Pass
				40	3.85	-4.59	-0.01	-2.5 to 2.5	Pass
				50	3.85	-3.76	-0.00	-2.5 to 2.5	Pass

1.13. LTE_B13_10MHz

1.13.1. Test Result

Band: 13 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	782	50	0	20	3.27	-4.79	-0.01	-2.5 to 2.5	Pass
					3.85	-4.98	-0.01	-2.5 to 2.5	Pass
					4.43	-3.08	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.03	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.32	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.50	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.72	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.08	-0.01	-2.5 to 2.5	Pass
				50	3.85	-3.53	-0.00	-2.5 to 2.5	Pass
	782	50	0	20	3.27	-3.15	-0.00	-2.5 to 2.5	Pass
					3.85	-3.29	-0.00	-2.5 to 2.5	Pass
					4.43	-3.46	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.93	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.02	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.69	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.99	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.33	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.53	-0.00	-2.5 to 2.5	Pass
	782	50	0	20	3.27	-3.98	-0.01	-2.5 to 2.5	Pass
					3.85	-4.28	-0.01	-2.5 to 2.5	Pass
					4.43	-8.38	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.28	-0.01	-2.5 to 2.5	Pass
				0	3.85	-7.91	-0.01	-2.5 to 2.5	Pass
				10	3.85	-6.81	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.49	-0.01	-2.5 to 2.5	Pass
				40	3.85	-7.08	-0.01	-2.5 to 2.5	Pass
				50	3.85	-5.66	-0.01	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	-4.56	-0.01	-2.5 to 2.5	Pass
					3.85	-6.47	-0.01	-2.5 to 2.5	Pass
					4.43	-7.87	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.90	-0.01	-2.5 to 2.5	Pass
				0	3.85	-5.78	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.98	-0.01	-2.5 to 2.5	Pass
				30	3.85	-2.27	-0.00	-2.5 to 2.5	Pass



	782	50	0	40	3.85	-5.69	-0.01	-2.5 to 2.5	Pass
				50	3.85	-7.88	-0.01	-2.5 to 2.5	Pass
				20	3.27	-6.09	-0.01	-2.5 to 2.5	Pass
					3.85	-4.99	-0.01	-2.5 to 2.5	Pass
					4.43	-3.83	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.29	-0.01	-2.5 to 2.5	Pass
				0	3.85	-5.92	-0.01	-2.5 to 2.5	Pass
				10	3.85	-7.04	-0.01	-2.5 to 2.5	Pass
				30	3.85	-4.81	-0.01	-2.5 to 2.5	Pass
				40	3.85	-3.71	-0.00	-2.5 to 2.5	Pass
	782	50	0	50	3.85	-5.04	-0.01	-2.5 to 2.5	Pass
				20	3.27	-6.77	-0.01	-2.5 to 2.5	Pass
					3.85	-4.72	-0.01	-2.5 to 2.5	Pass
					4.43	-7.51	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.95	-0.01	-2.5 to 2.5	Pass
				0	3.85	-5.38	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.51	-0.01	-2.5 to 2.5	Pass
				30	3.85	-0.82	-0.00	-2.5 to 2.5	Pass
				40	3.85	-9.13	-0.01	-2.5 to 2.5	Pass
				50	3.85	-8.77	-0.01	-2.5 to 2.5	Pass

1.14. LTE_B17_5MHz

1.14.1. Test Result

Band: 17 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	706.5	25	0	20	3.27	-4.31	-0.01	-2.5 to 2.5	Pass
					3.85	-4.23	-0.01	-2.5 to 2.5	Pass
					4.43	-2.60	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.12	-0.01	-2.5 to 2.5	Pass
				0	3.85	-5.64	-0.01	-2.5 to 2.5	Pass
				10	3.85	-2.46	-0.00	-2.5 to 2.5	Pass
				30	3.85	-2.72	-0.00	-2.5 to 2.5	Pass
				40	3.85	-7.10	-0.01	-2.5 to 2.5	Pass
				50	3.85	-6.02	-0.01	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-6.85	-0.01	-2.5 to 2.5	Pass
					3.85	-6.45	-0.01	-2.5 to 2.5	Pass
					4.43	-7.32	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.58	-0.01	-2.5 to 2.5	Pass
				0	3.85	-7.50	-0.01	-2.5 to 2.5	Pass
				10	3.85	-5.81	-0.01	-2.5 to 2.5	Pass
				30	3.85	-4.48	-0.01	-2.5 to 2.5	Pass
				40	3.85	-4.89	-0.01	-2.5 to 2.5	Pass
				50	3.85	-0.83	-0.00	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-10.39	-0.01	-2.5 to 2.5	Pass
					3.85	-7.10	-0.01	-2.5 to 2.5	Pass
					4.43	-6.47	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-4.59	-0.01	-2.5 to 2.5	Pass



16QAM	706.5	25	0	0	3.85	-5.88	-0.01	-2.5 to 2.5	Pass
				10	3.85	-6.51	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.45	-0.01	-2.5 to 2.5	Pass
				40	3.85	-5.46	-0.01	-2.5 to 2.5	Pass
				50	3.85	-2.55	-0.00	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-6.74	-0.01	-2.5 to 2.5	Pass
					3.85	-0.94	-0.00	-2.5 to 2.5	Pass
					4.43	-4.15	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-2.50	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.53	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.21	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.74	-0.01	-2.5 to 2.5	Pass
				40	3.85	-4.96	-0.01	-2.5 to 2.5	Pass
				50	3.85	-2.79	-0.00	-2.5 to 2.5	Pass
				20	3.27	-8.48	-0.01	-2.5 to 2.5	Pass
					3.85	-5.71	-0.01	-2.5 to 2.5	Pass
					4.43	-4.89	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-2.17	-0.00	-2.5 to 2.5	Pass
	713.5	25	0	0	3.85	-4.03	-0.01	-2.5 to 2.5	Pass
				10	3.85	-6.94	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.58	-0.01	-2.5 to 2.5	Pass
				40	3.85	-8.10	-0.01	-2.5 to 2.5	Pass
				50	3.85	-7.12	-0.01	-2.5 to 2.5	Pass
				20	3.27	-4.94	-0.01	-2.5 to 2.5	Pass
					3.85	-6.22	-0.01	-2.5 to 2.5	Pass
					4.43	-7.30	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.29	-0.01	-2.5 to 2.5	Pass
				0	3.85	-11.92	-0.02	-2.5 to 2.5	Pass
				10	3.85	-4.42	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.61	-0.01	-2.5 to 2.5	Pass
				40	3.85	-4.32	-0.01	-2.5 to 2.5	Pass
				50	3.85	-3.35	-0.00	-2.5 to 2.5	Pass

1.15. LTE_B17_10MHz

1.15.1. Test Result

Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	709	50	0	20	3.27	-8.21	-0.01	-2.5 to 2.5	Pass
					3.85	-7.52	-0.01	-2.5 to 2.5	Pass
					4.43	-6.42	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.27	-0.01	-2.5 to 2.5	Pass
				0	3.85	-7.17	-0.01	-2.5 to 2.5	Pass
				10	3.85	-8.24	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.68	-0.01	-2.5 to 2.5	Pass
				40	3.85	-8.90	-0.01	-2.5 to 2.5	Pass
				50	3.85	-8.73	-0.01	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-9.98	-0.01	-2.5 to 2.5	Pass
					3.85	-6.28	-0.01	-2.5 to 2.5	Pass
					4.43	-6.61	-0.01	-2.5 to 2.5	Pass



	711	50	0	-10	3.85	-4.62	-0.01	-2.5 to 2.5	Pass
				0	3.85	-6.38	-0.01	-2.5 to 2.5	Pass
				10	3.85	-5.69	-0.01	-2.5 to 2.5	Pass
				30	3.85	-4.11	-0.01	-2.5 to 2.5	Pass
				40	3.85	-5.28	-0.01	-2.5 to 2.5	Pass
				50	3.85	-2.72	-0.00	-2.5 to 2.5	Pass
				20	3.27	-2.19	-0.00	-2.5 to 2.5	Pass
					3.85	-4.03	-0.01	-2.5 to 2.5	Pass
					4.43	-9.10	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.95	-0.01	-2.5 to 2.5	Pass
				0	3.85	-6.67	-0.01	-2.5 to 2.5	Pass
				10	3.85	-6.95	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.09	-0.01	-2.5 to 2.5	Pass
				40	3.85	-3.88	-0.01	-2.5 to 2.5	Pass
				50	3.85	-5.16	-0.01	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-6.90	-0.01	-2.5 to 2.5	Pass
					3.85	-5.92	-0.01	-2.5 to 2.5	Pass
					4.43	-5.81	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-5.35	-0.01	-2.5 to 2.5	Pass
				0	3.85	-3.79	-0.01	-2.5 to 2.5	Pass
				10	3.85	-4.18	-0.01	-2.5 to 2.5	Pass
				30	3.85	-6.94	-0.01	-2.5 to 2.5	Pass
				40	3.85	-5.71	-0.01	-2.5 to 2.5	Pass
				50	3.85	-5.09	-0.01	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-2.72	-0.00	-2.5 to 2.5	Pass
					3.85	-8.07	-0.01	-2.5 to 2.5	Pass
					4.43	-4.76	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-3.40	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.33	-0.00	-2.5 to 2.5	Pass
				10	3.85	-6.12	-0.01	-2.5 to 2.5	Pass
				30	3.85	-5.68	-0.01	-2.5 to 2.5	Pass
				40	3.85	-5.21	-0.01	-2.5 to 2.5	Pass
				50	3.85	-1.75	-0.00	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-3.93	-0.01	-2.5 to 2.5	Pass
					3.85	-0.67	-0.00	-2.5 to 2.5	Pass
					4.43	-7.82	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.29	-0.01	-2.5 to 2.5	Pass
				0	3.85	-5.49	-0.01	-2.5 to 2.5	Pass
				10	3.85	-5.45	-0.01	-2.5 to 2.5	Pass
				30	3.85	-4.46	-0.01	-2.5 to 2.5	Pass
				40	3.85	-7.45	-0.01	-2.5 to 2.5	Pass
				50	3.85	-5.82	-0.01	-2.5 to 2.5	Pass

2. 99% & 26dB Bandwidth

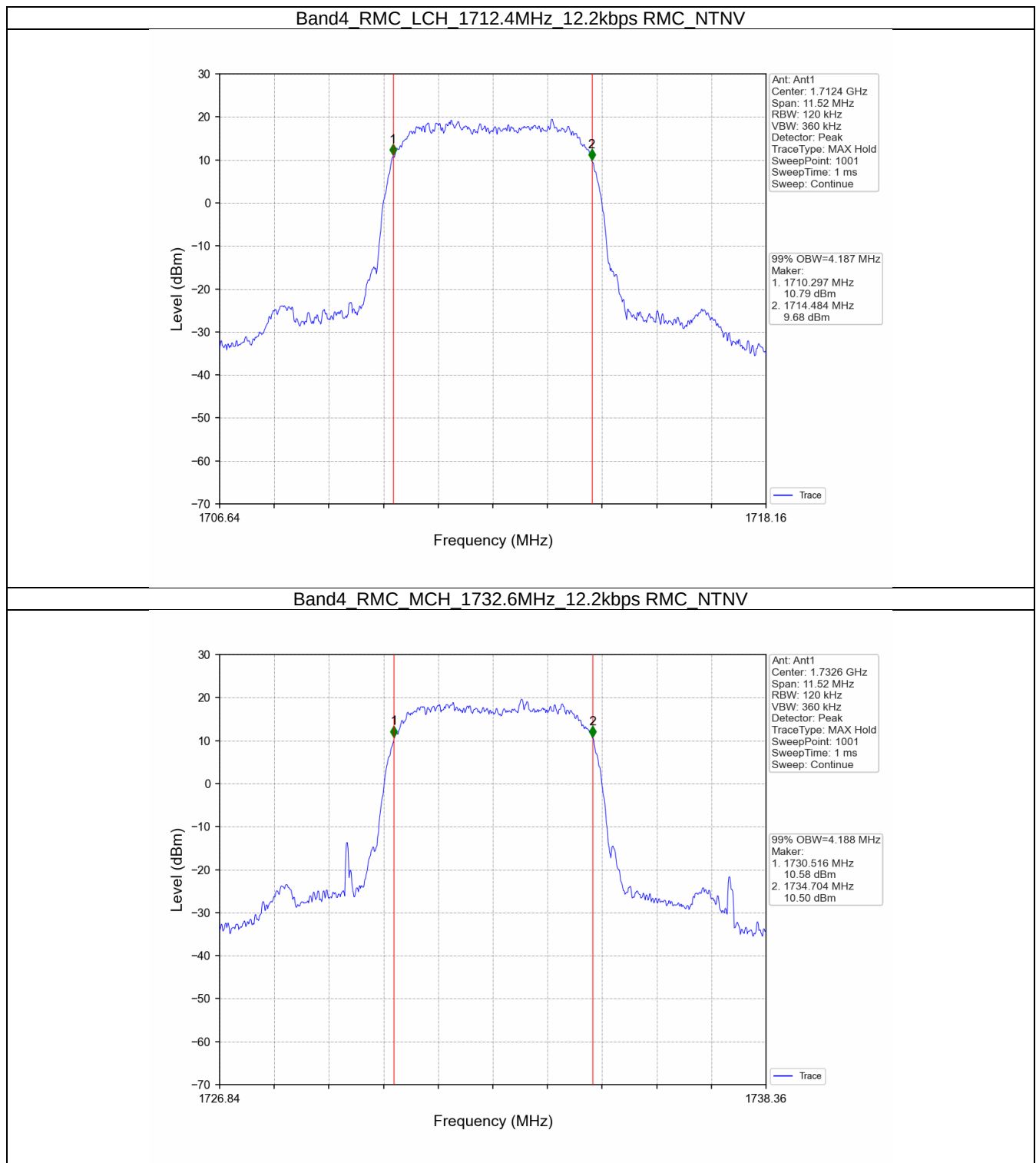
2.1. WCDMA_Band4_OBW

2.1.1. Test Result

Band: 4					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1712.4	4.187	Pass
			1732.6	4.188	Pass
			1752.6	4.181	Pass

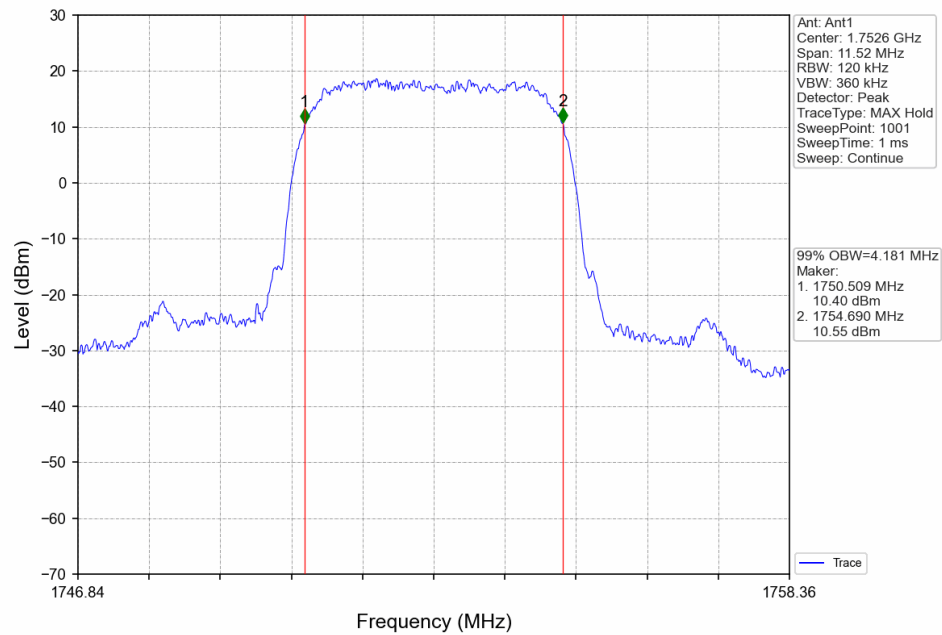


2.1.2. Test Graph





Band4_RMC_HCH_1752.6MHz_12.2kbps RMC_NTNV





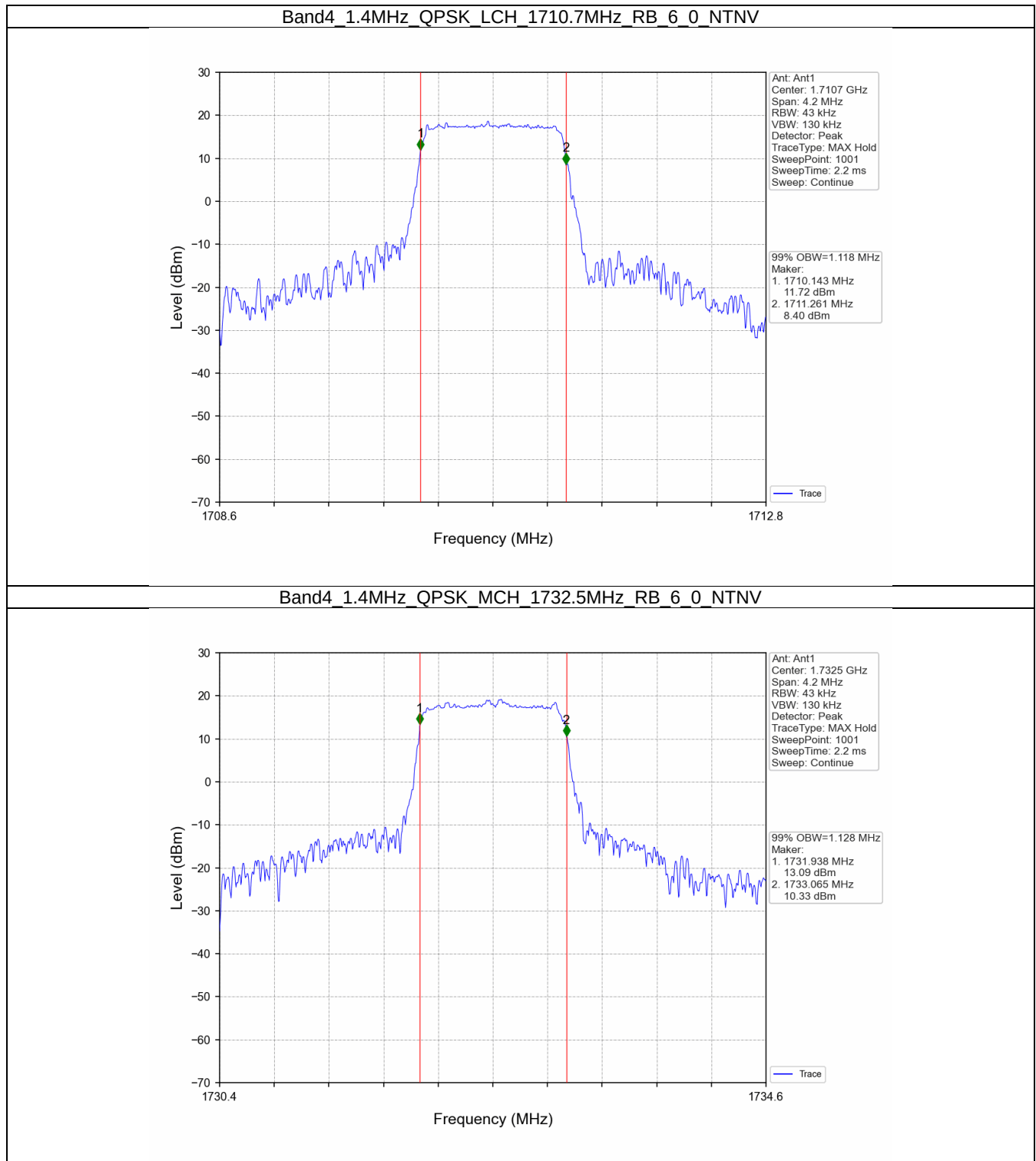
2.2. LTE_B4_OBW

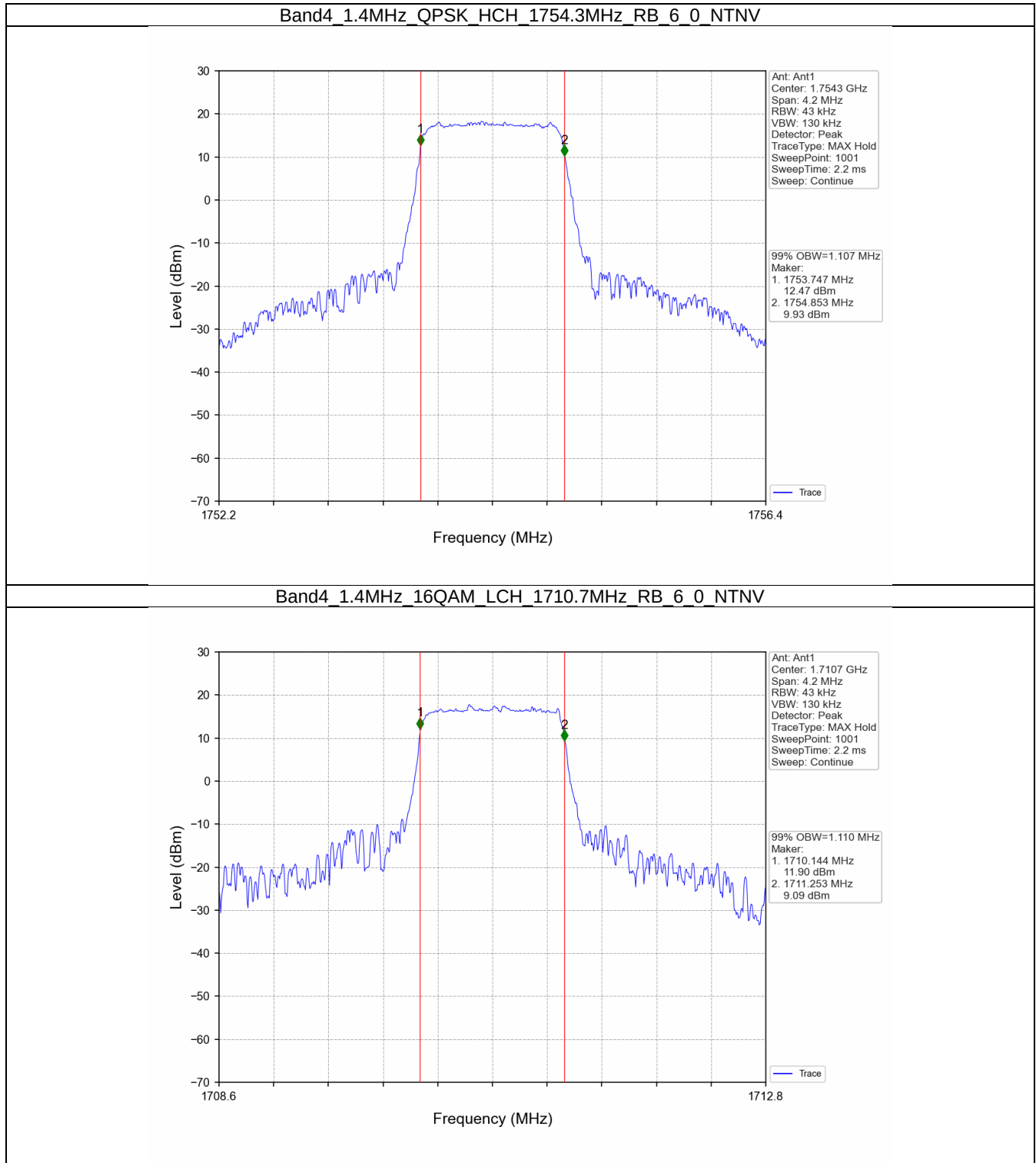
2.2.1. Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.118	Pass
		1732.5	6	0	1.128	Pass
		1754.3	6	0	1.107	Pass
	16QAM	1710.7	6	0	1.110	Pass
		1732.5	6	0	1.118	Pass
		1754.3	6	0	1.114	Pass
3	QPSK	1711.5	15	0	2.733	Pass
		1732.5	15	0	2.726	Pass
		1753.5	15	0	2.726	Pass
	16QAM	1711.5	15	0	2.728	Pass
		1732.5	15	0	2.719	Pass
		1753.5	15	0	2.717	Pass
5	QPSK	1712.5	25	0	4.551	Pass
		1732.5	25	0	4.535	Pass
		1752.5	25	0	4.534	Pass
	16QAM	1712.5	25	0	4.531	Pass
		1732.5	25	0	4.543	Pass
		1752.5	25	0	4.546	Pass
10	QPSK	1715	50	0	9.073	Pass
		1732.5	50	0	9.057	Pass
		1750	50	0	9.072	Pass
	16QAM	1715	50	0	9.052	Pass
		1732.5	50	0	9.069	Pass
		1750	50	0	9.062	Pass
15	QPSK	1717.5	75	0	13.610	Pass
		1732.5	75	0	13.564	Pass
		1747.5	75	0	13.609	Pass
	16QAM	1717.5	75	0	13.602	Pass
		1732.5	75	0	13.601	Pass
		1747.5	75	0	13.588	Pass
20	QPSK	1720	100	0	18.146	Pass
		1732.5	100	0	18.119	Pass
		1745	100	0	18.113	Pass
	16QAM	1720	100	0	18.218	Pass
		1732.5	100	0	18.117	Pass
		1745	100	0	18.075	Pass



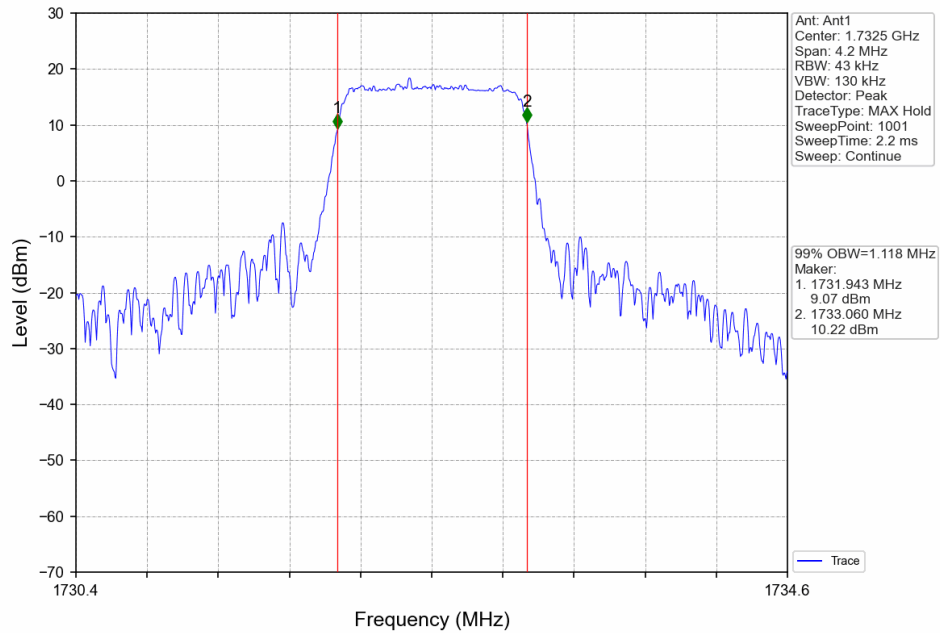
2.2.2. Test Graph



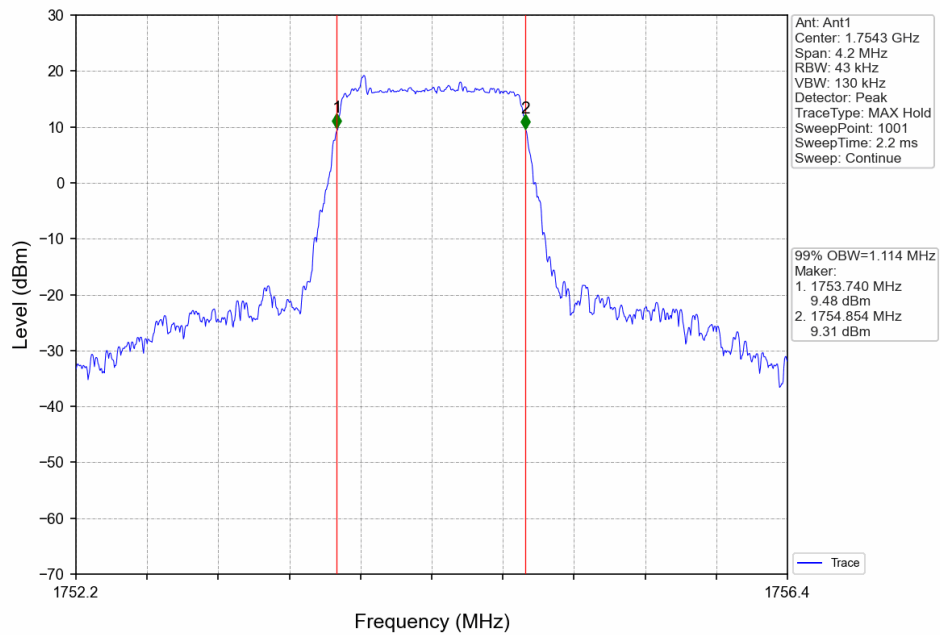




Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

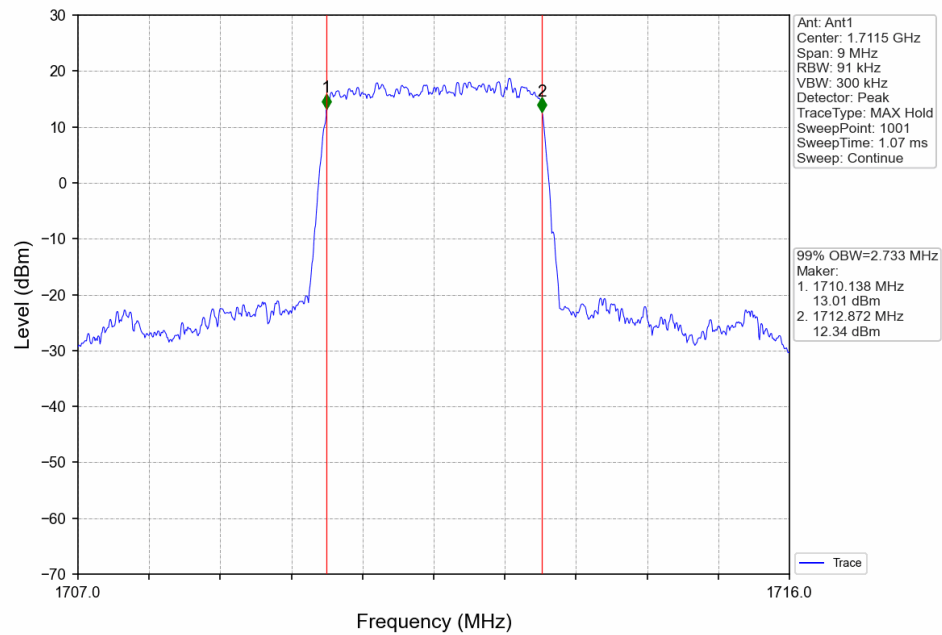


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

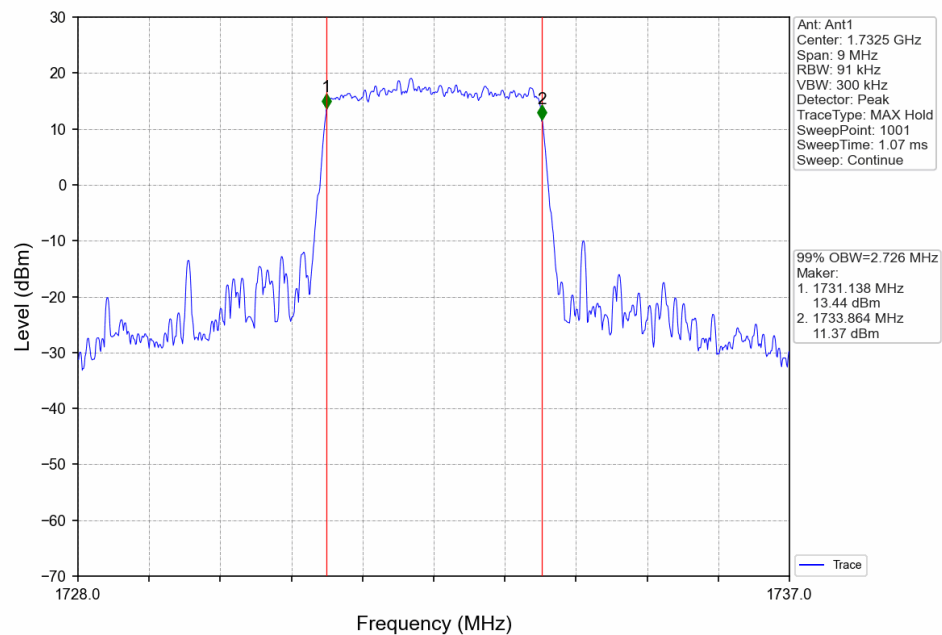




Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

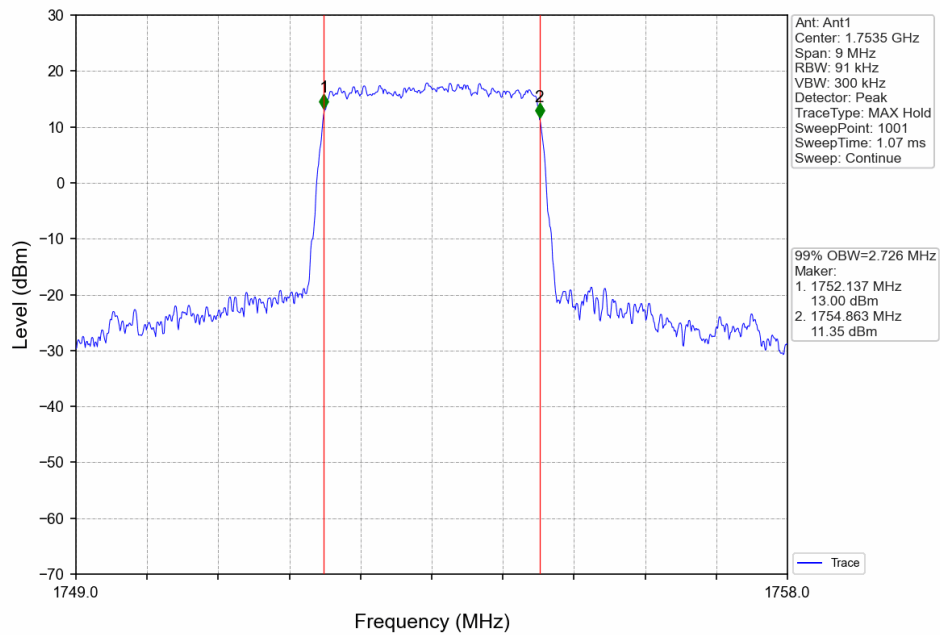


Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

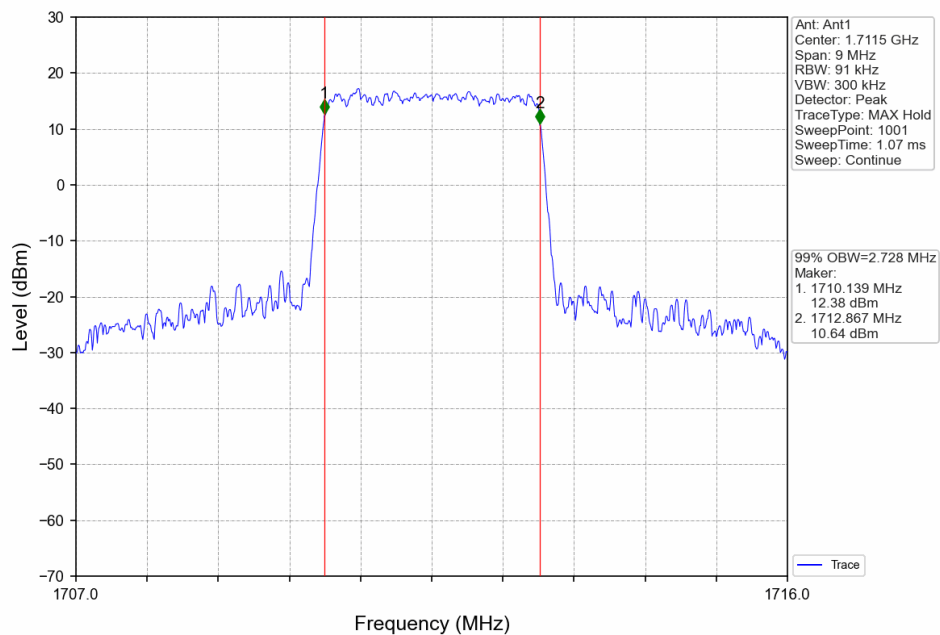




Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

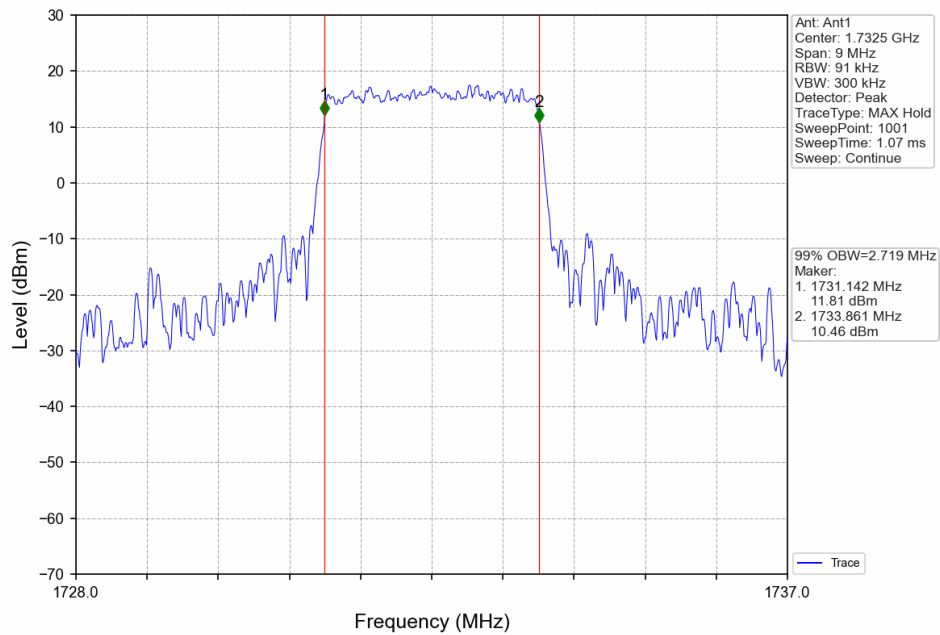


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

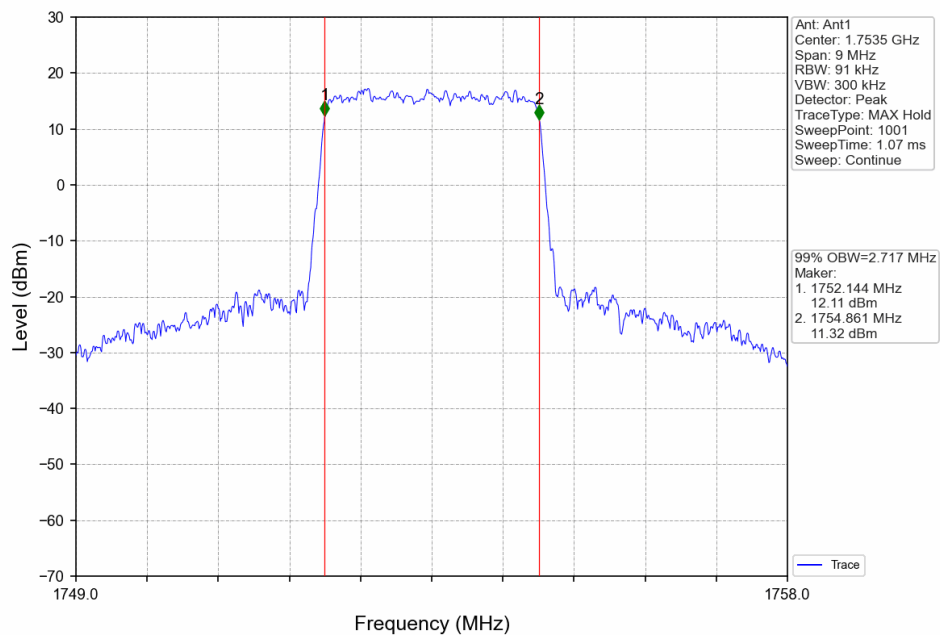




Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

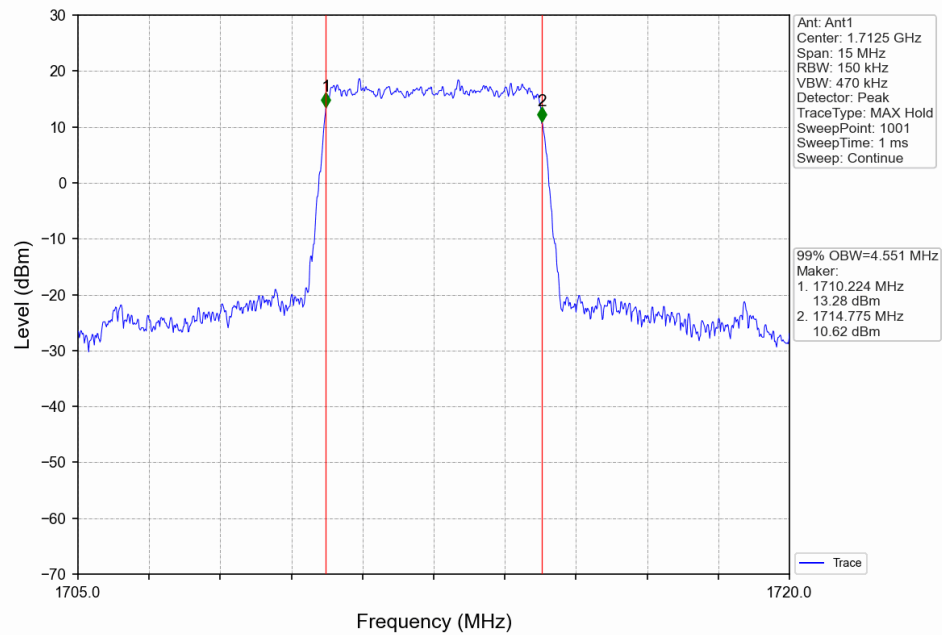


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

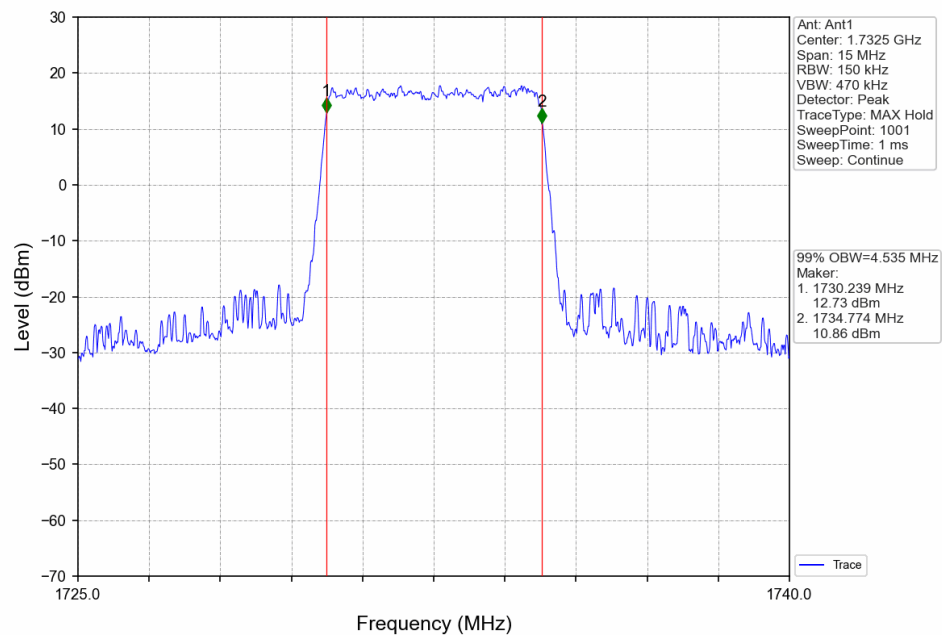




Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

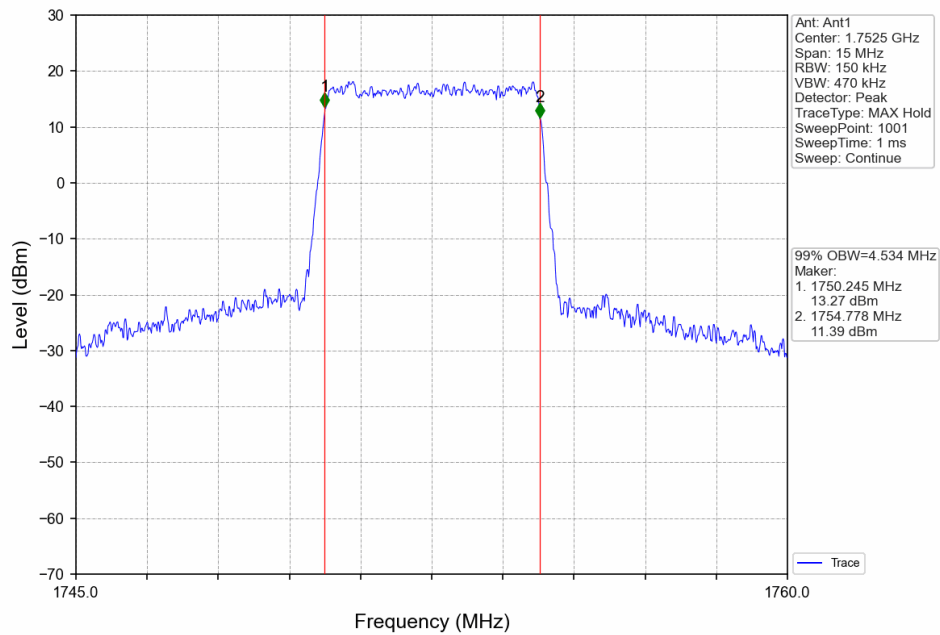


Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

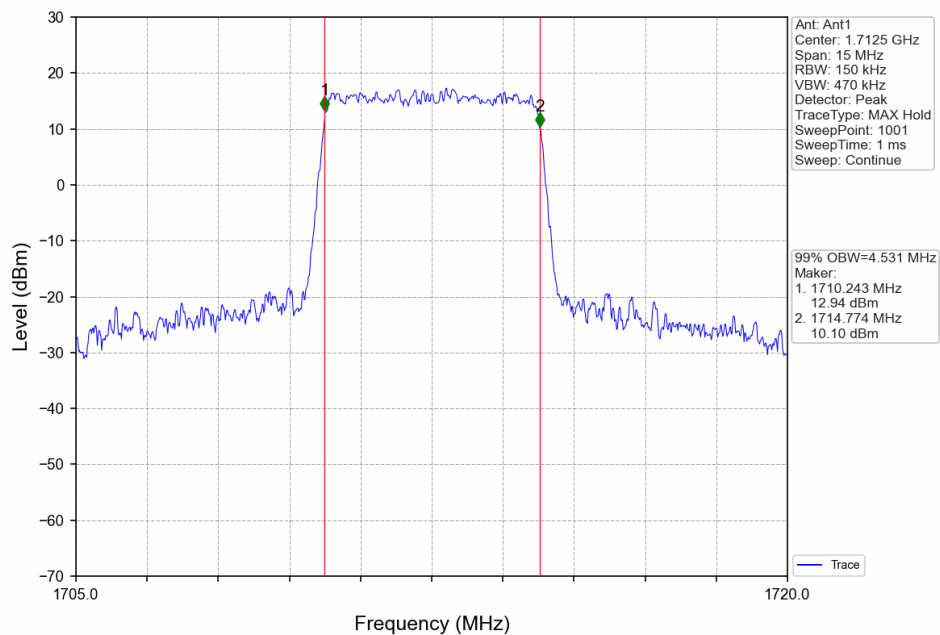




Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

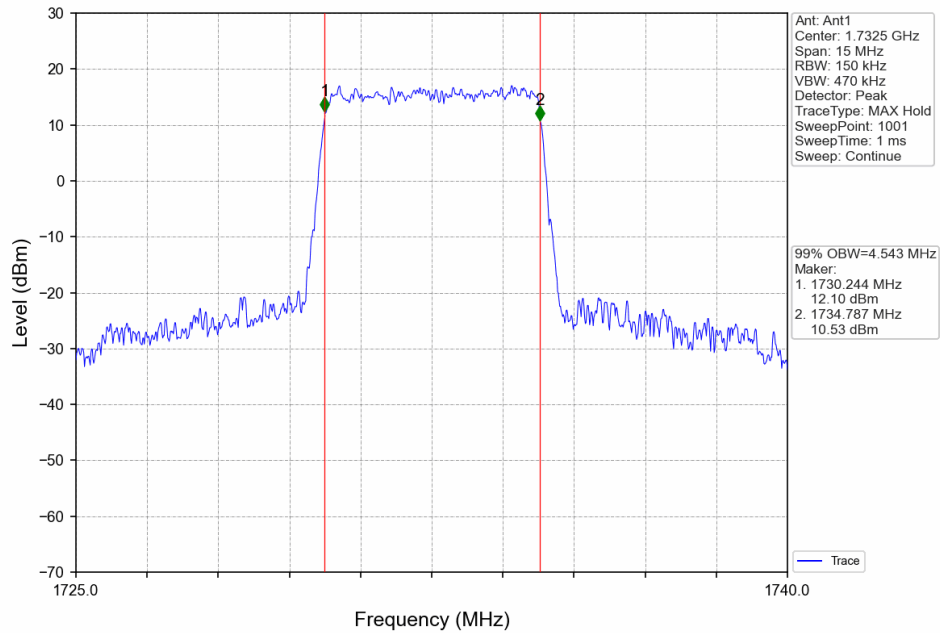


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

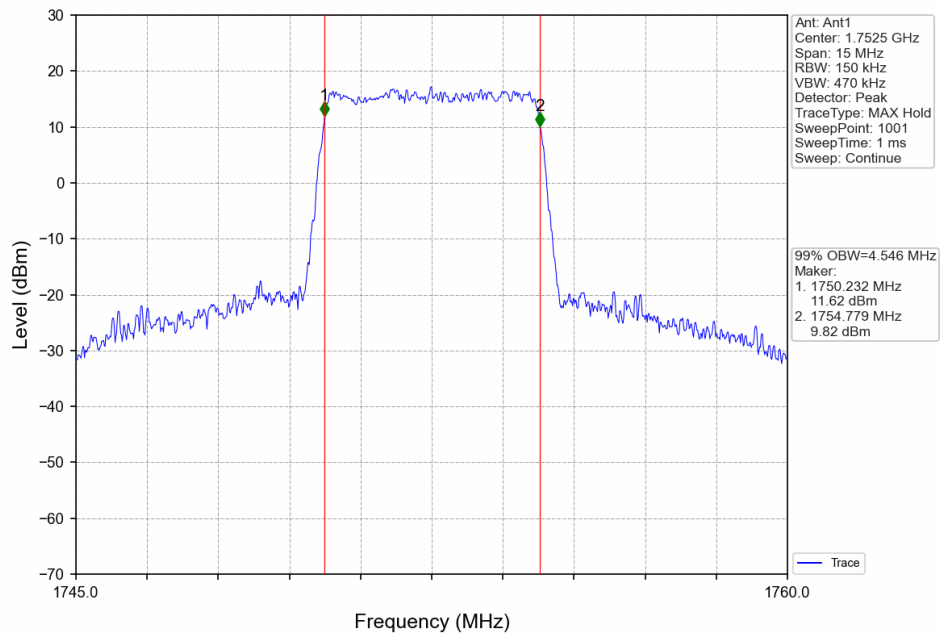




Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

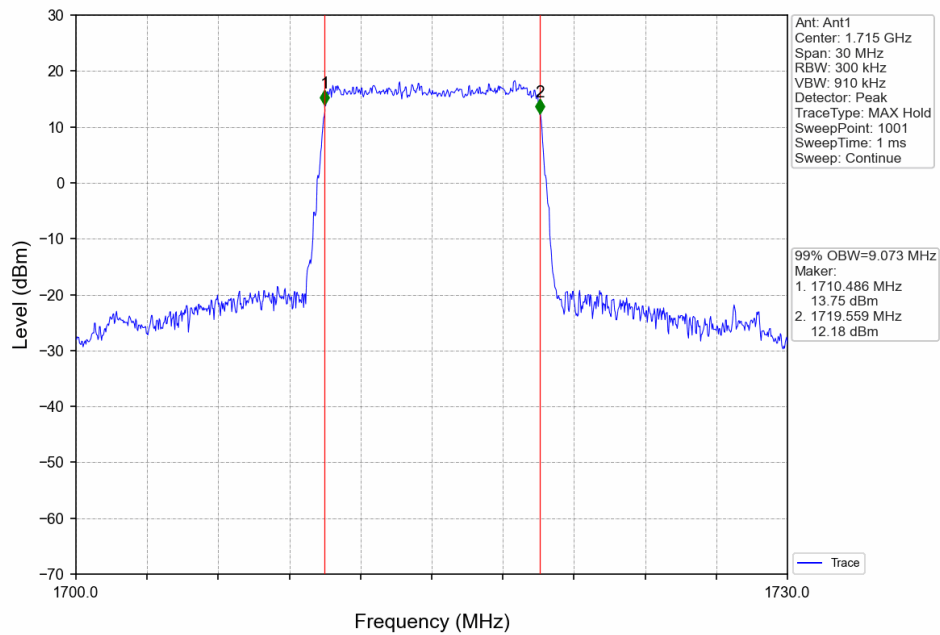


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

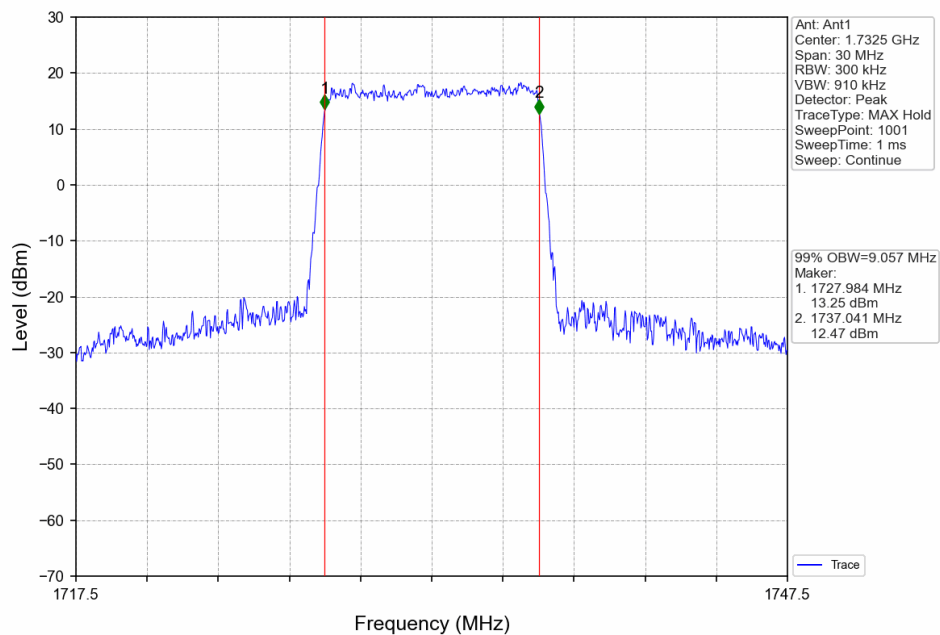




Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

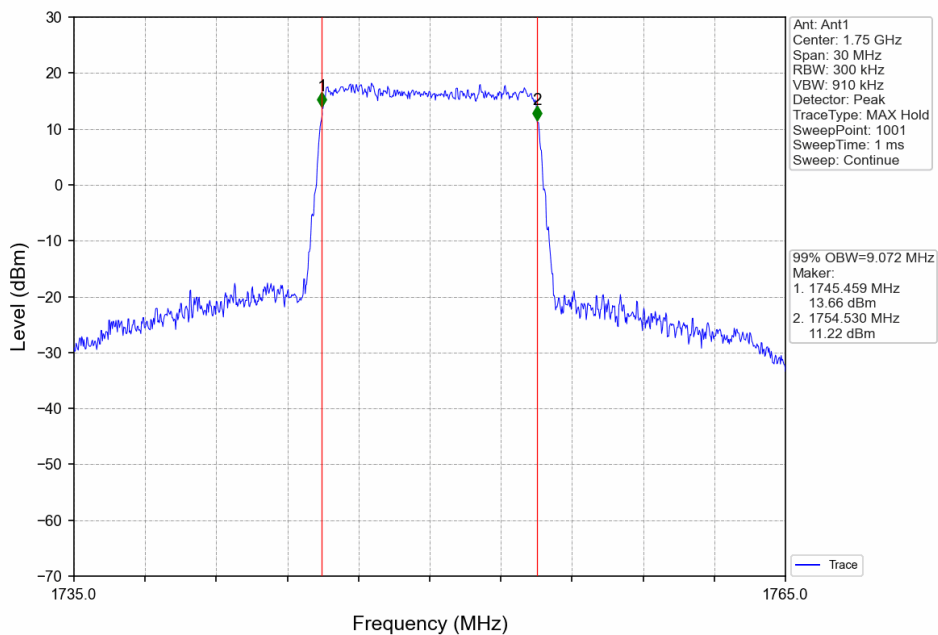


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

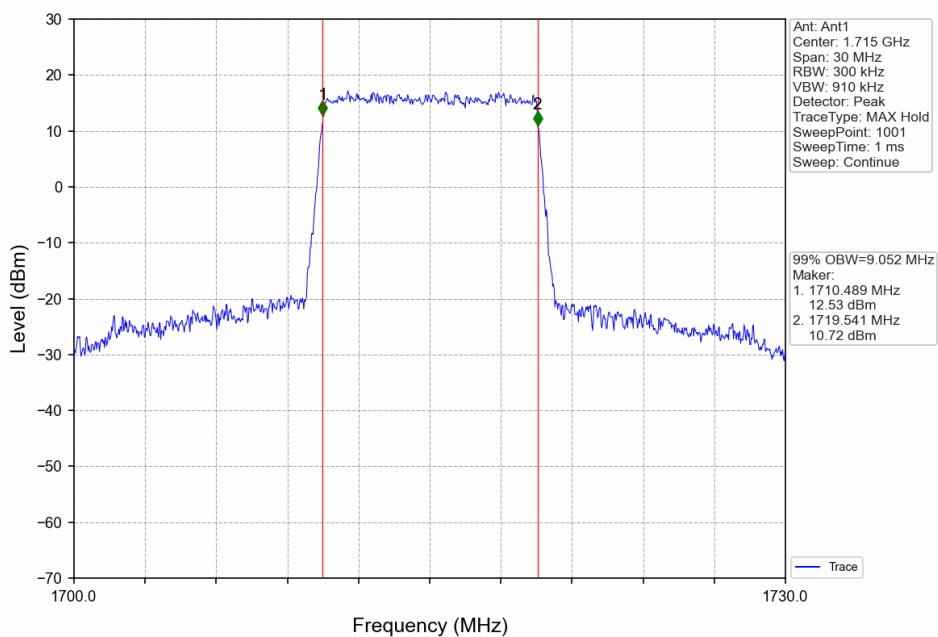




Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

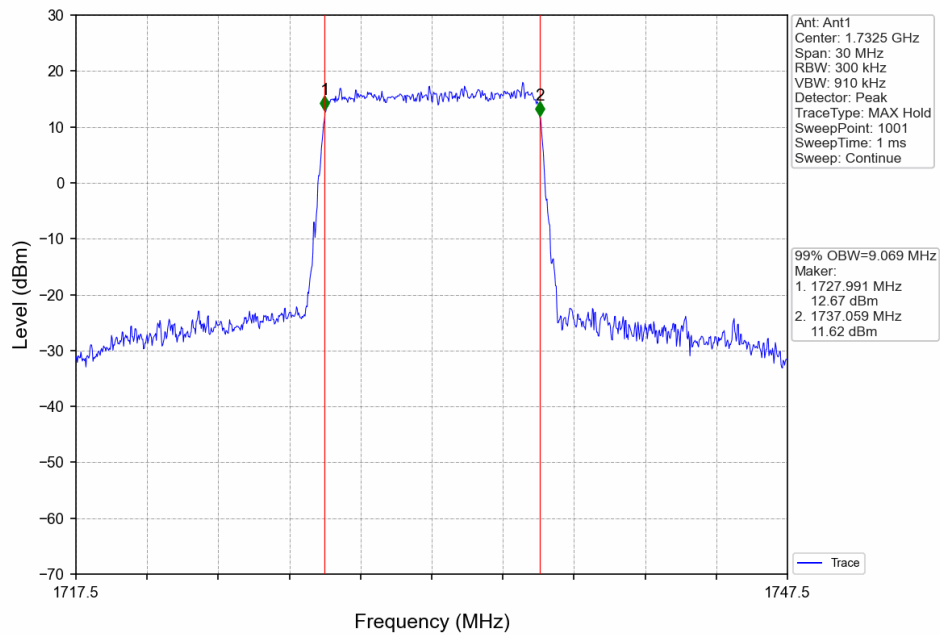


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

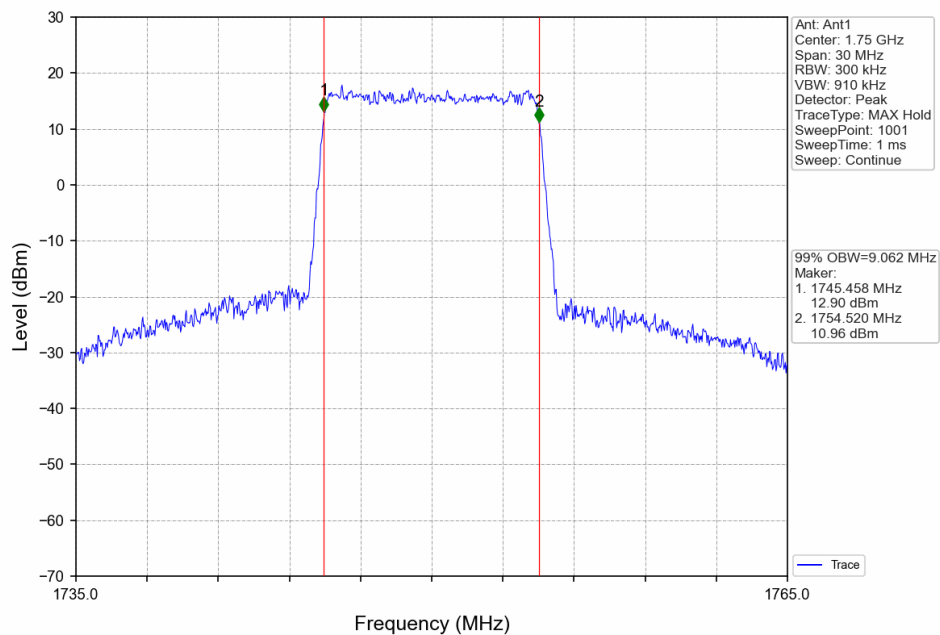




Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

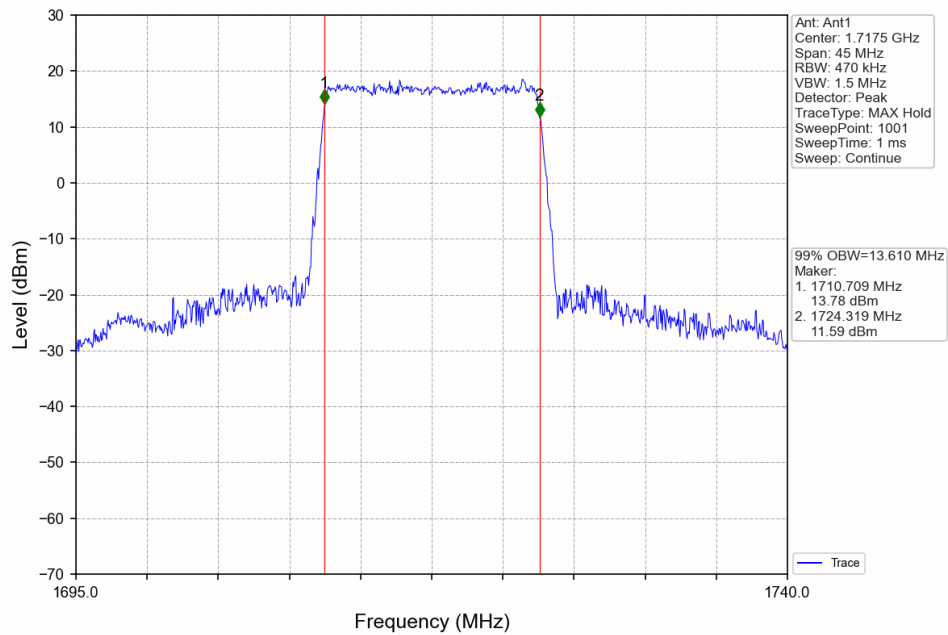


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

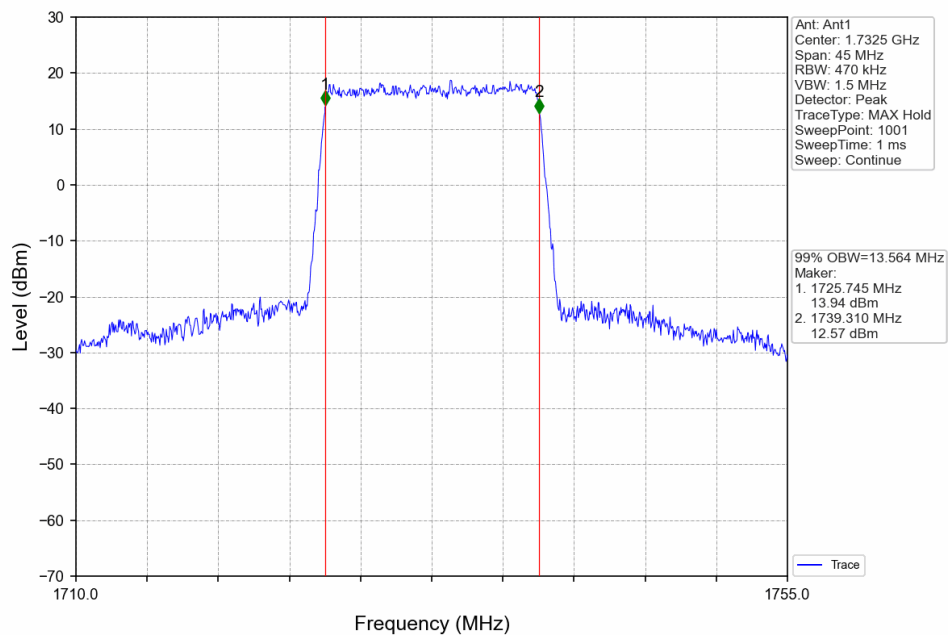




Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

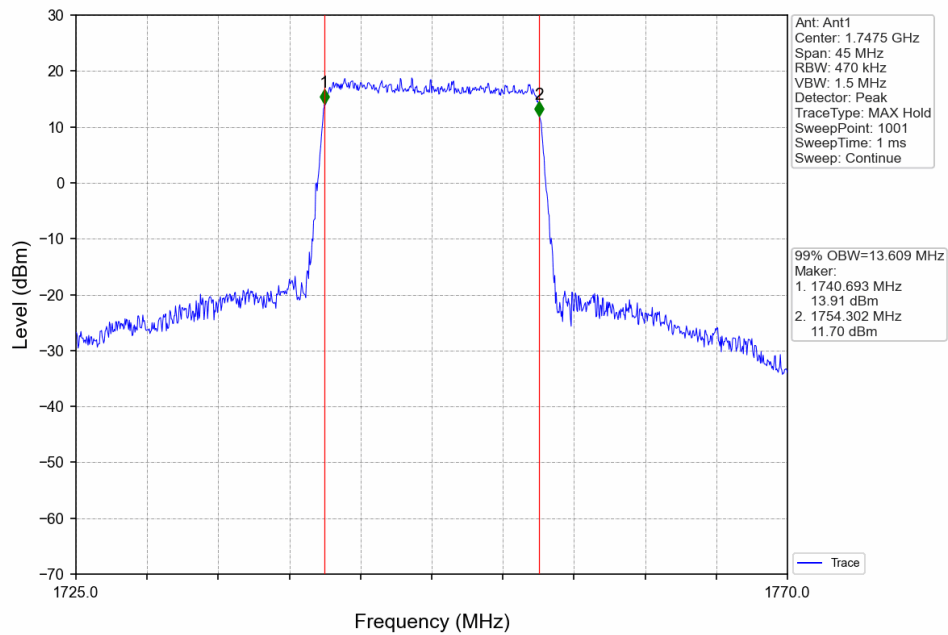


Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV





Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

