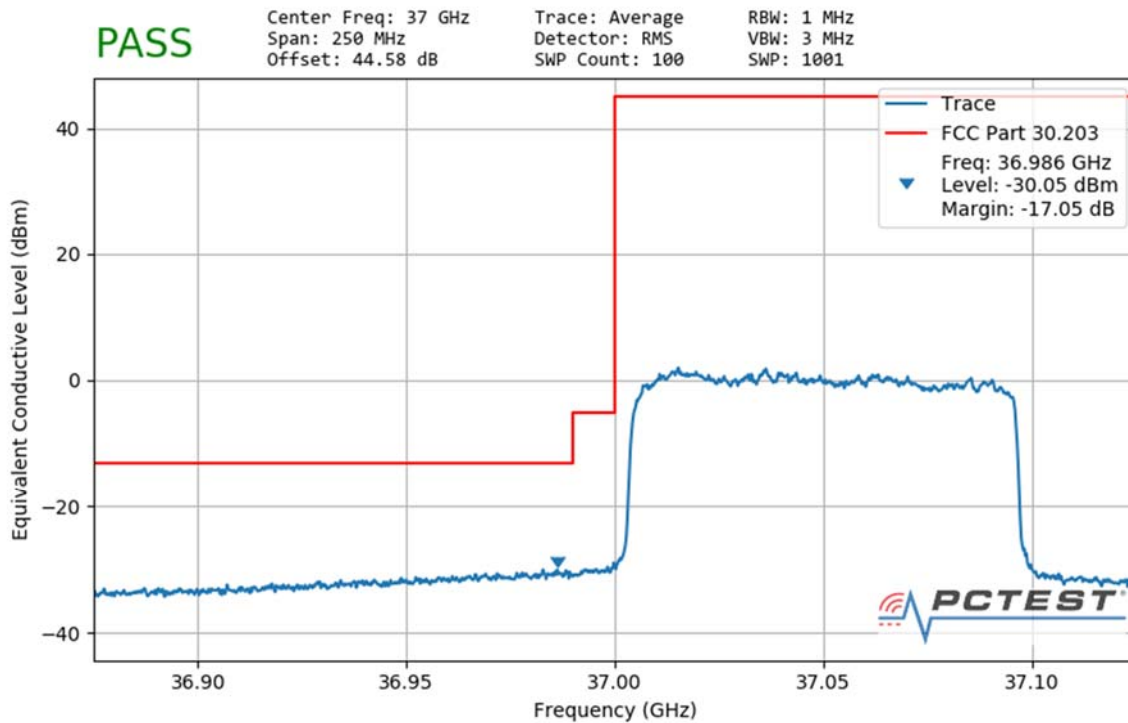
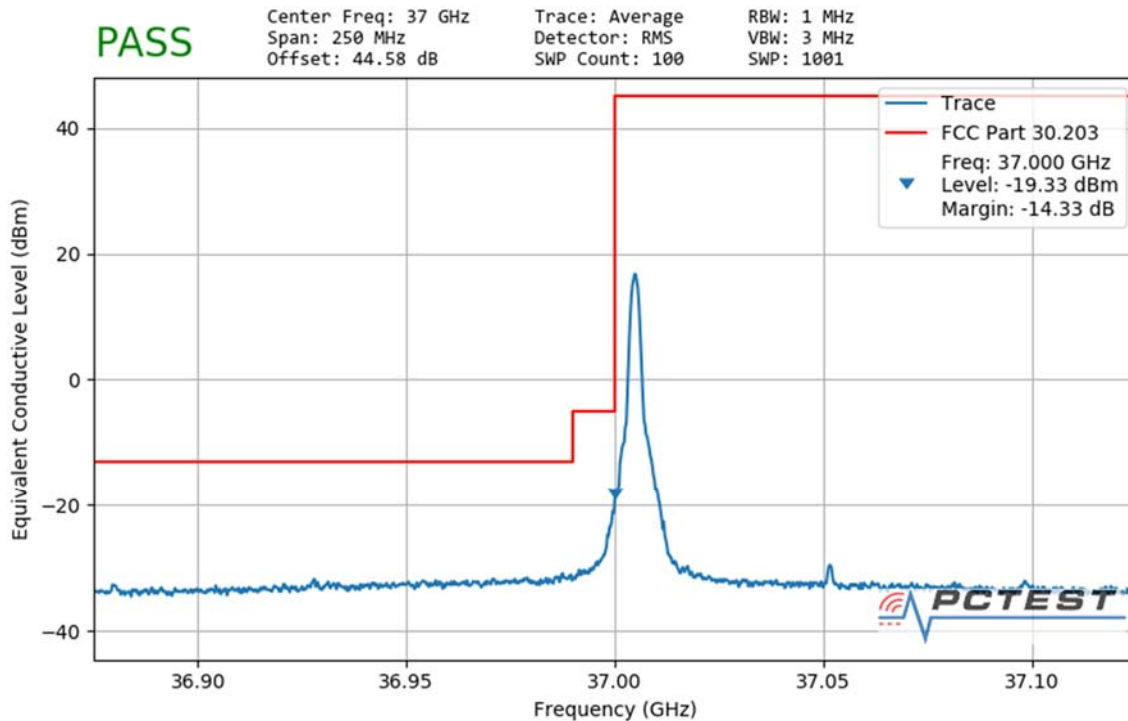


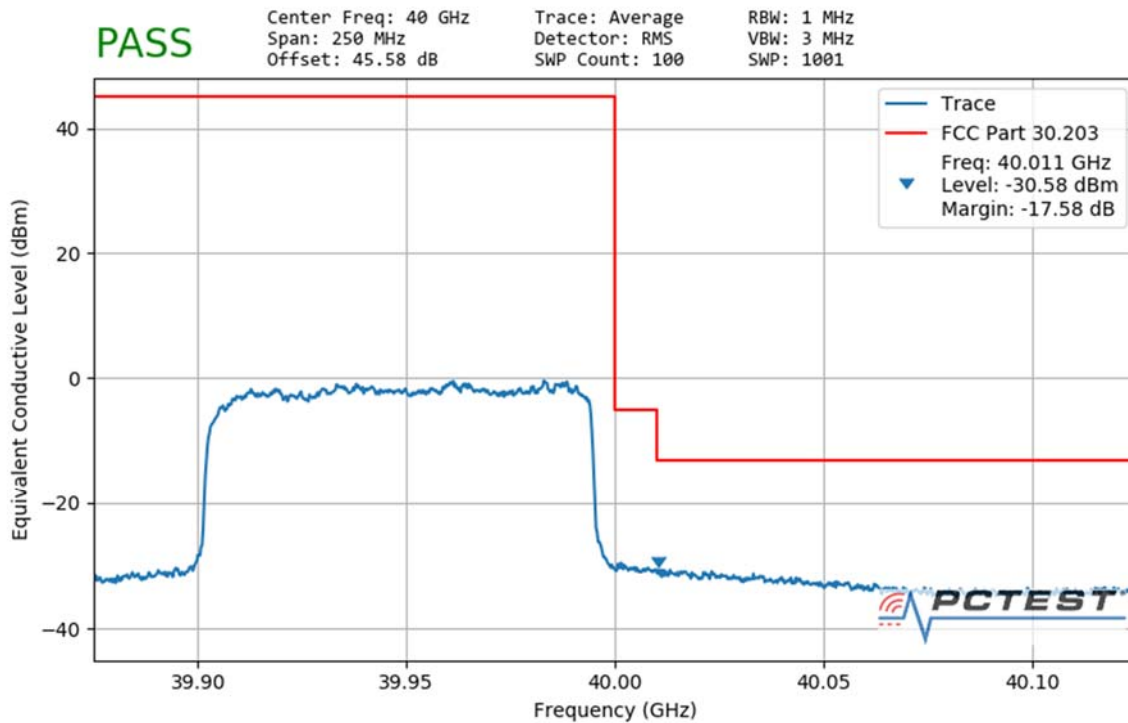


Plot 7-175. Ant2 Lower Band Edge (100MHz-1CC – QPSK Full RB)

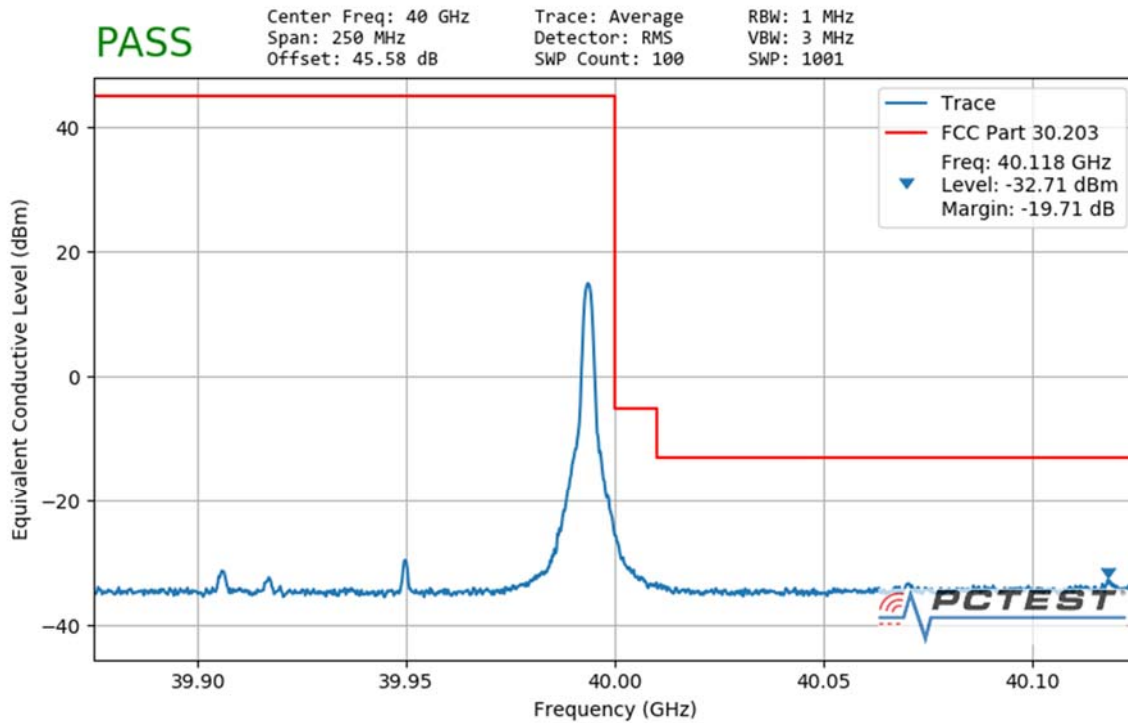


Plot 7-176. Ant2 Lower Band Edge (100MHz-1CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 180 of 196

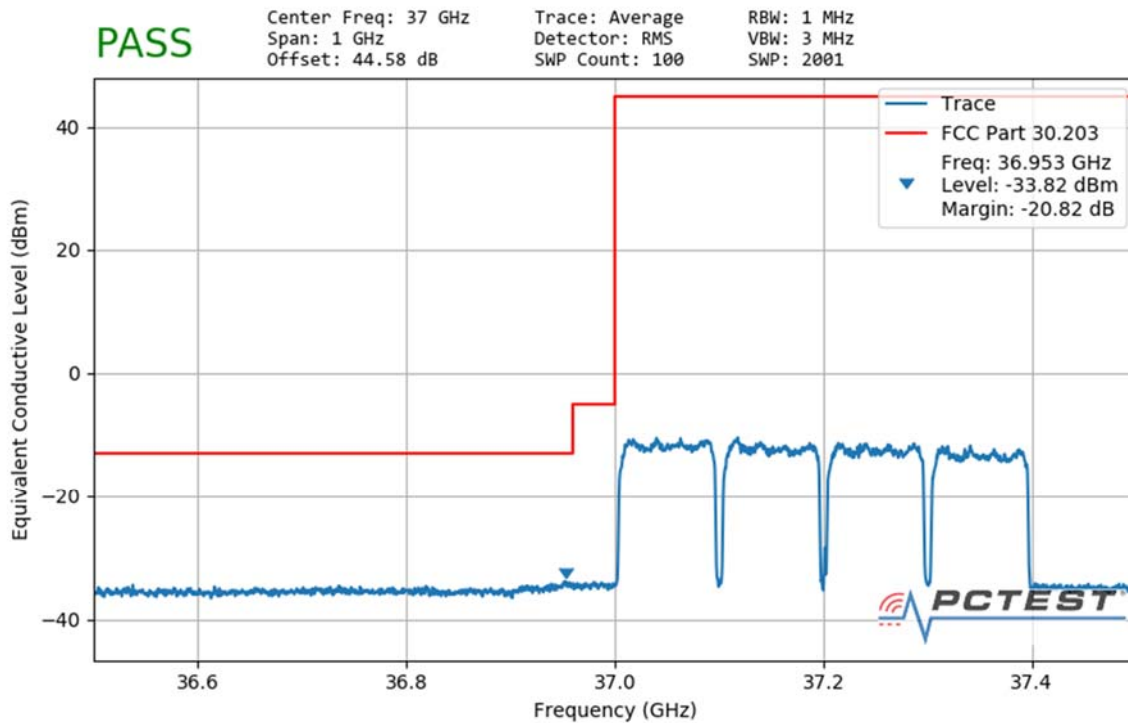


Plot 7-177. Ant2 Upper Band Edge (100MHz-1CC – QPSK Full RB)

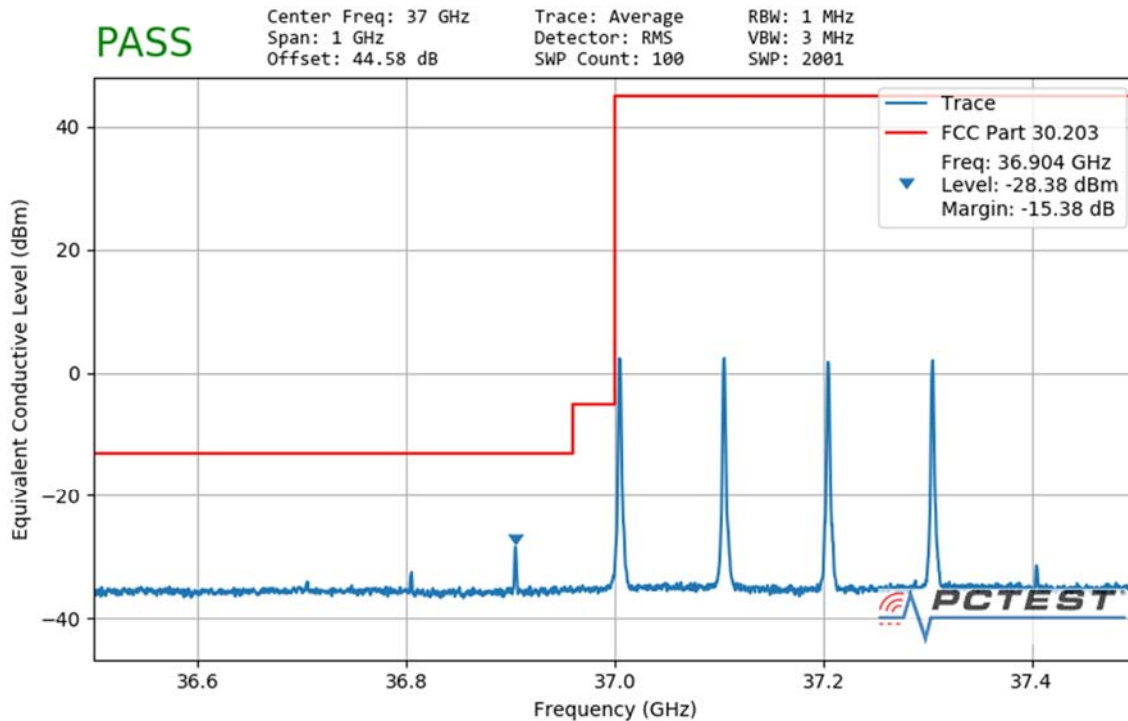


Plot 7-178. Ant2 Upper Band Edge (100MHz-1CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 181 of 196

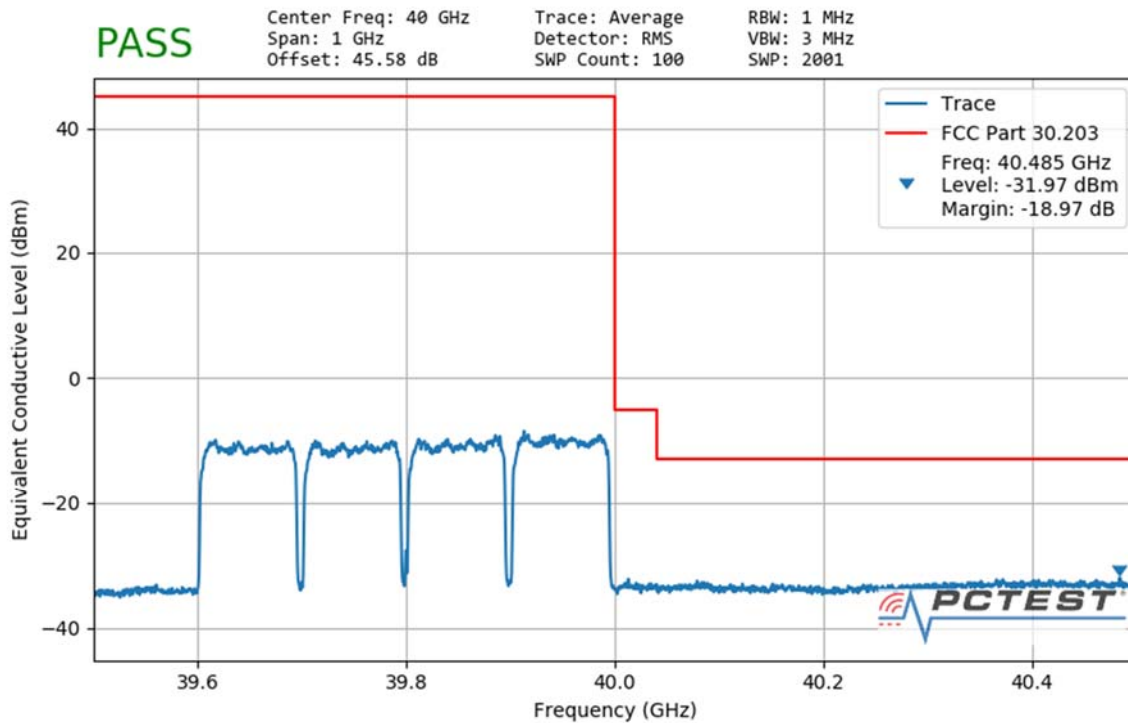


Plot 7-179. Ant2 Lower Band Edge (100MHz-4CC – QPSK Full RB)

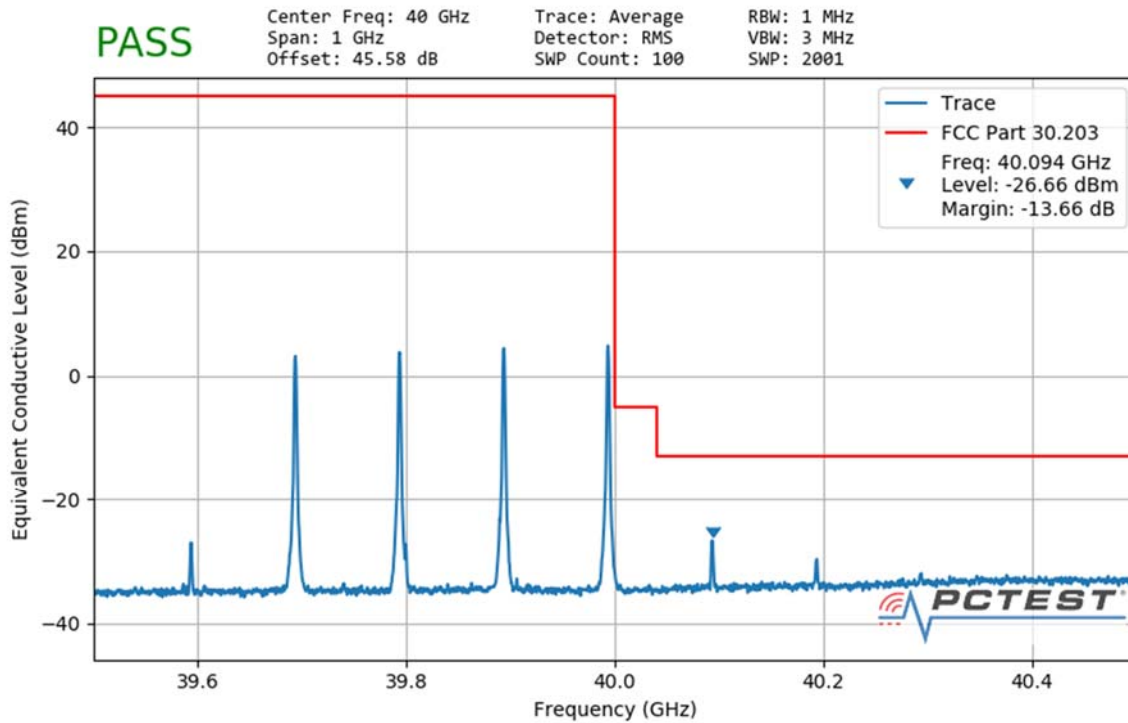


Plot 7-180. Ant2 Lower Band Edge (100MHz-4CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 182 of 196



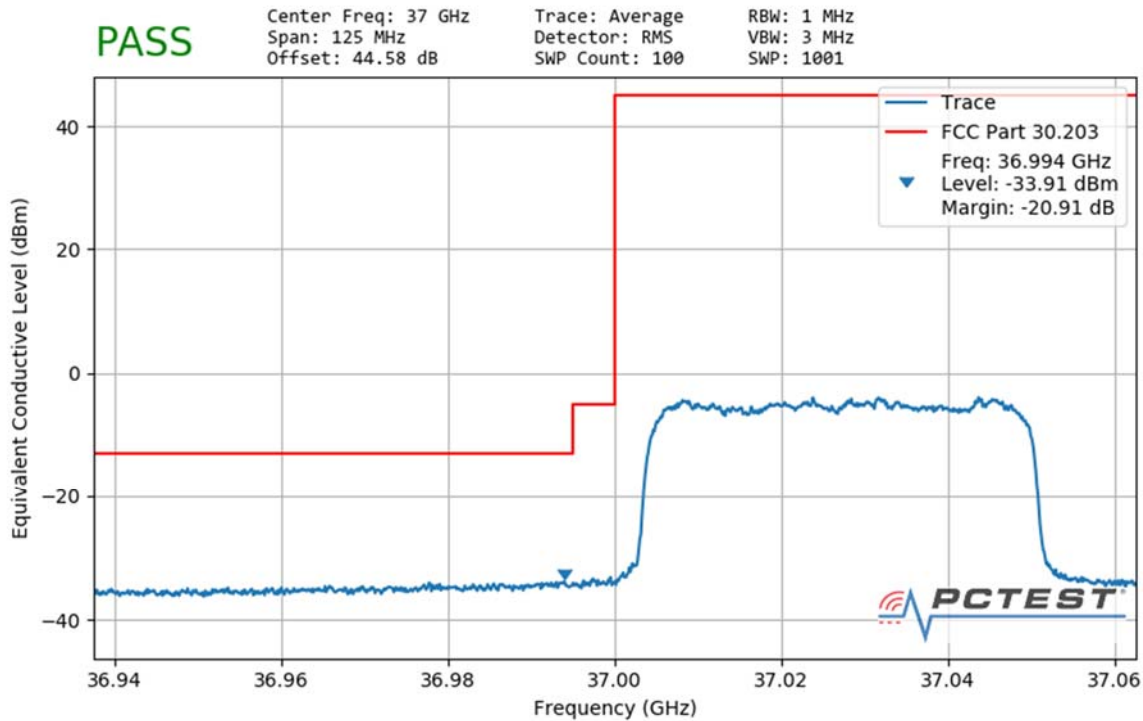
Plot 7-181. Ant2 Upper Band Edge (100MHz-4CC – QPSK Full RB)



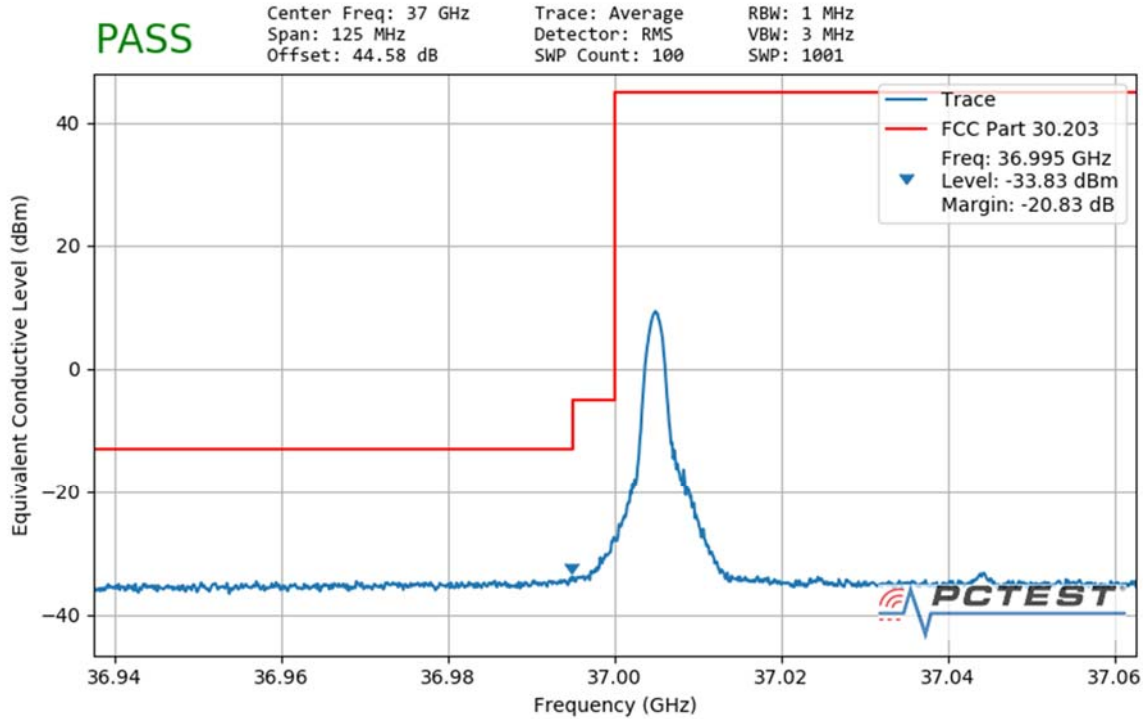
Plot 7-182. Ant2 Upper Band Edge (100MHz-4CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 183 of 196

Band n260 - QTM#2 / Ant3 - MIMO

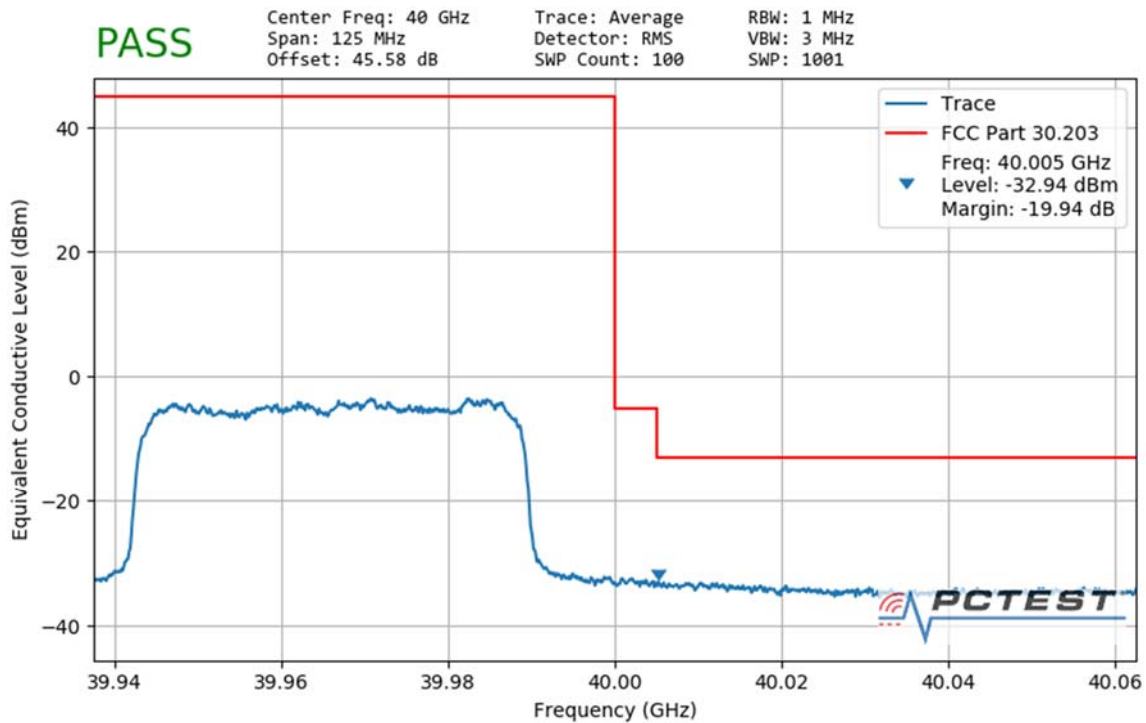


Plot 7-183. Ant3 Lower Band Edge (50MHz-1CC – QPSK Full RB)

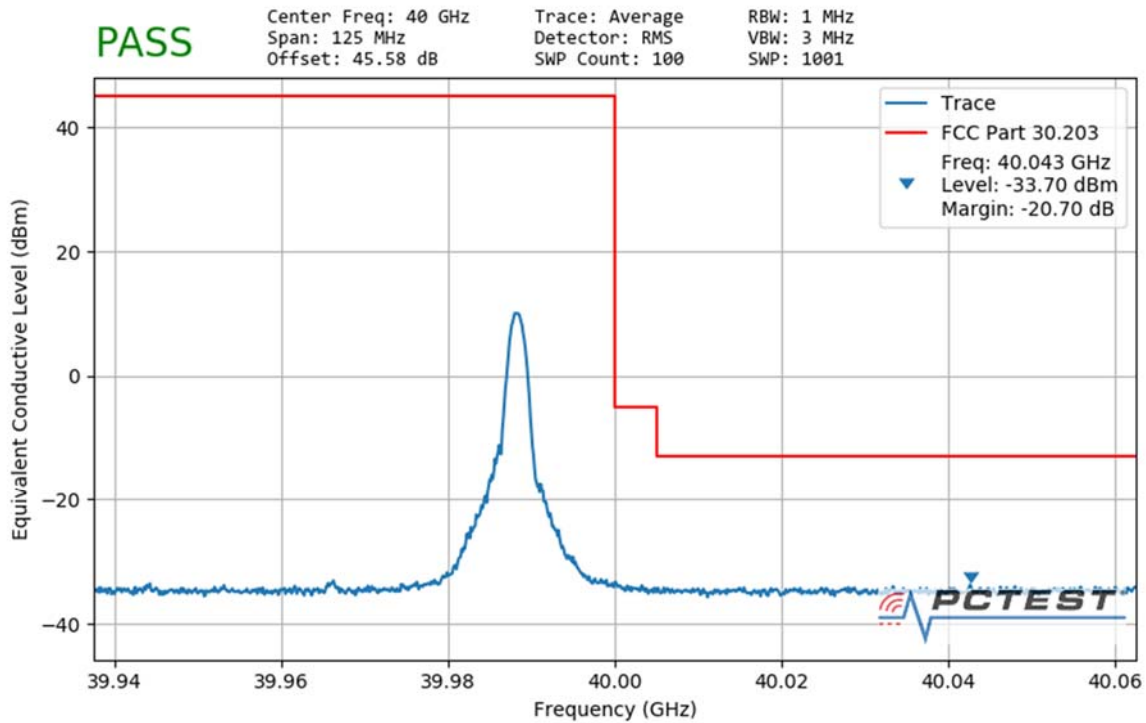


Plot 7-184. Ant3 Lower Band Edge (50MHz-1CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 184 of 196

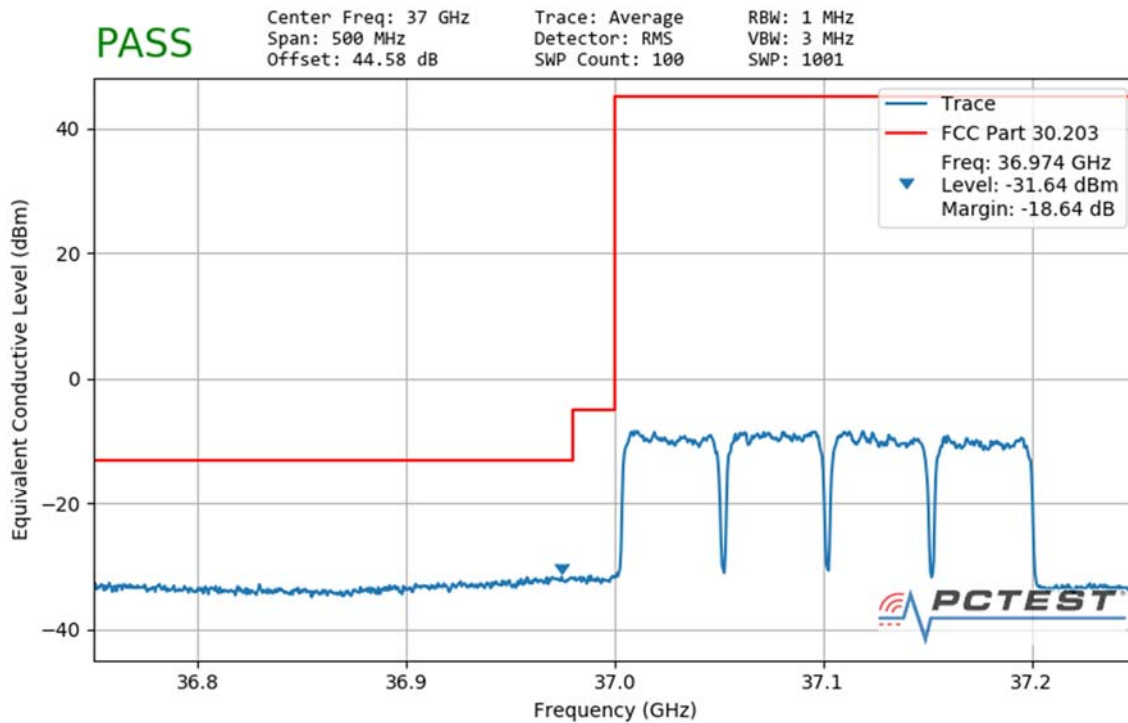


Plot 7-185. Ant3 Upper Band Edge (50MHz-1CC – QPSK Full RB)

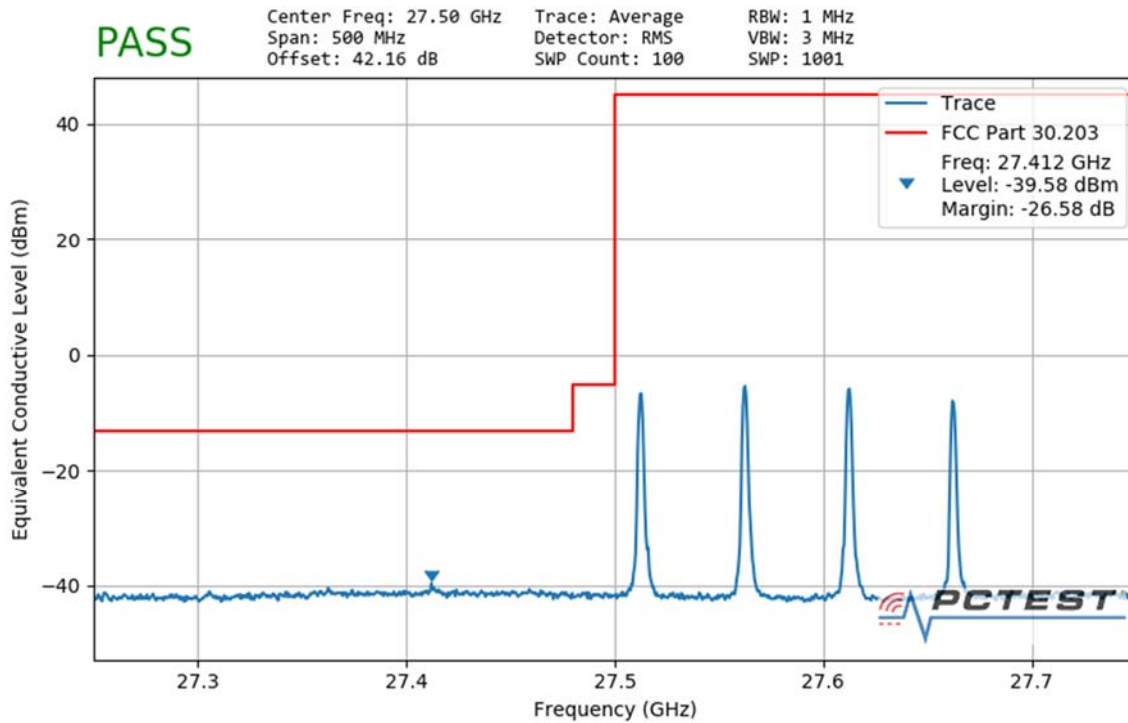


Plot 7-186. Ant3 Upper Band Edge (50MHz-1CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 185 of 196

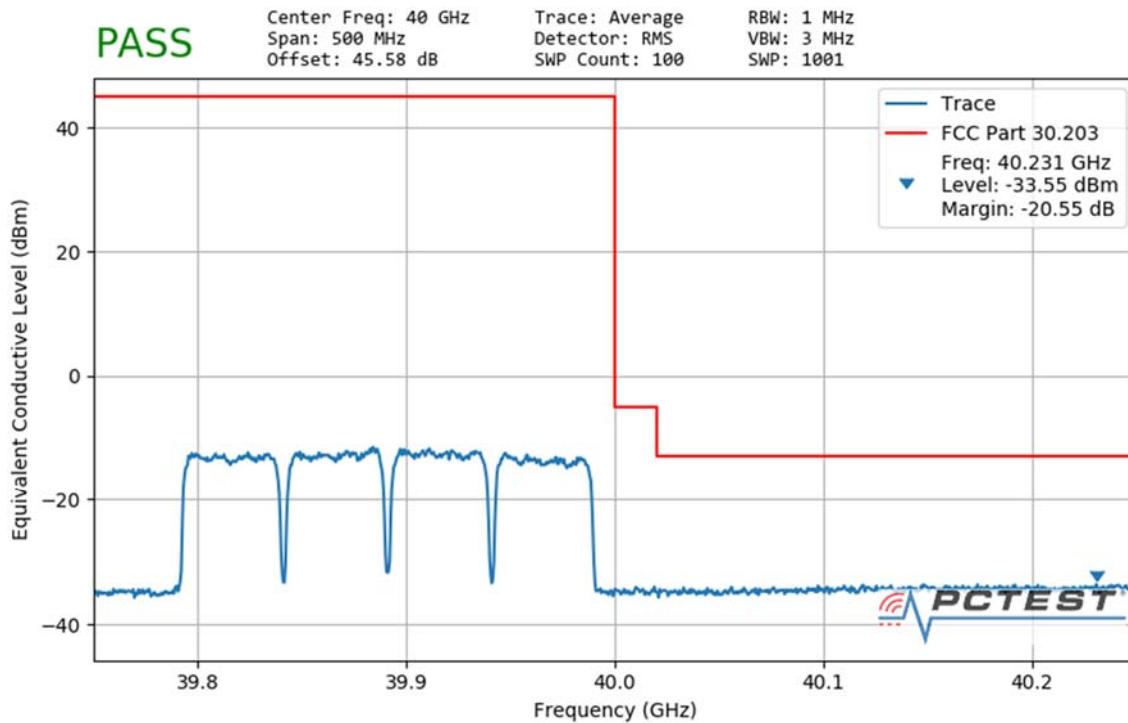


Plot 7-187. Ant3 Lower Band Edge (50MHz-4CC – QPSK Full RB)

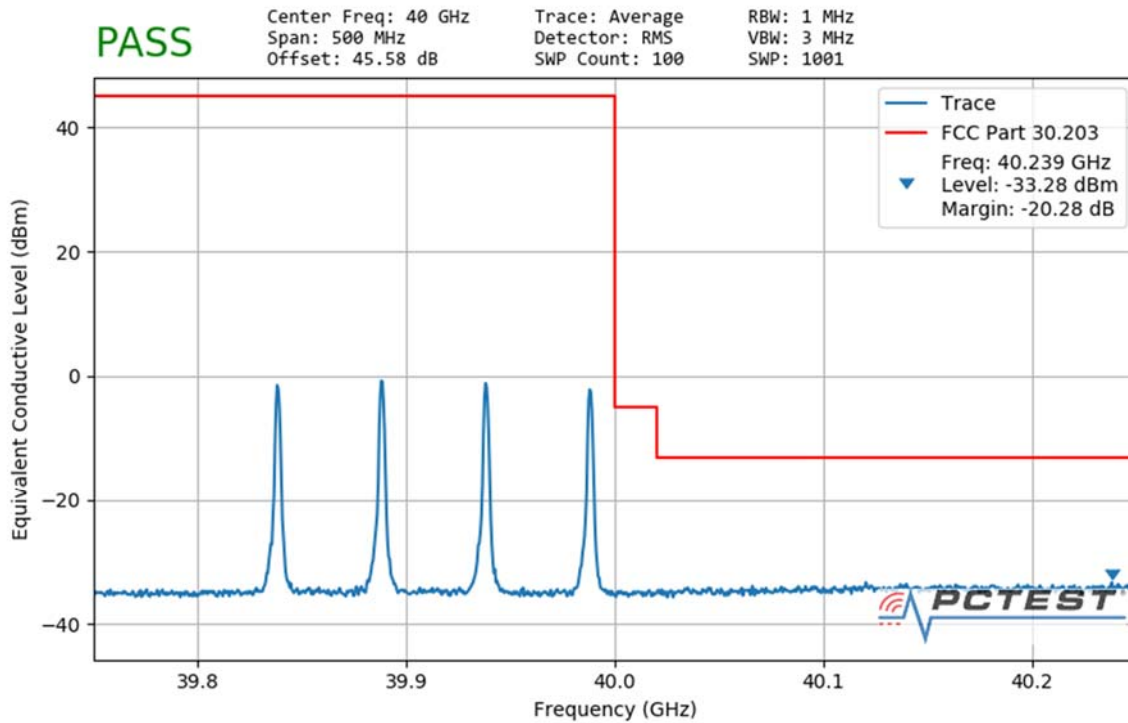


Plot 7-188. Ant3 Lower Band Edge (50MHz-4CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 186 of 196

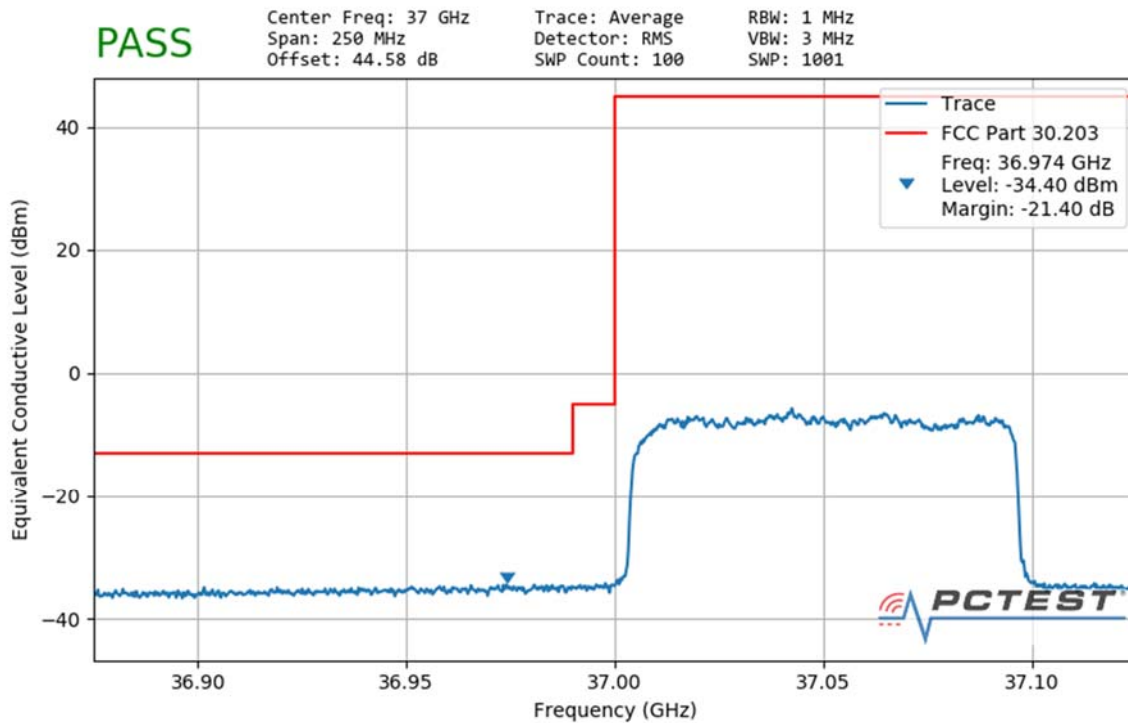


Plot 7-189. Ant3 Upper Band Edge (50MHz-4CC – QPSK Full RB)

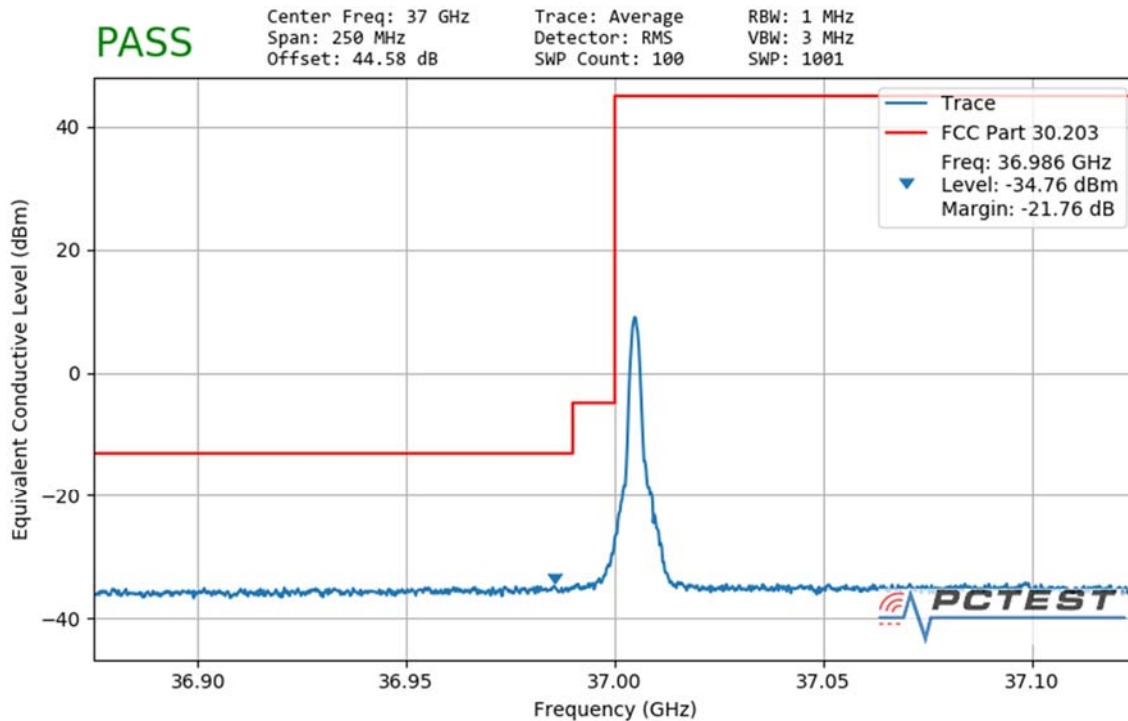


Plot 7-190. Ant3 Upper Band Edge (50MHz-4CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 187 of 196

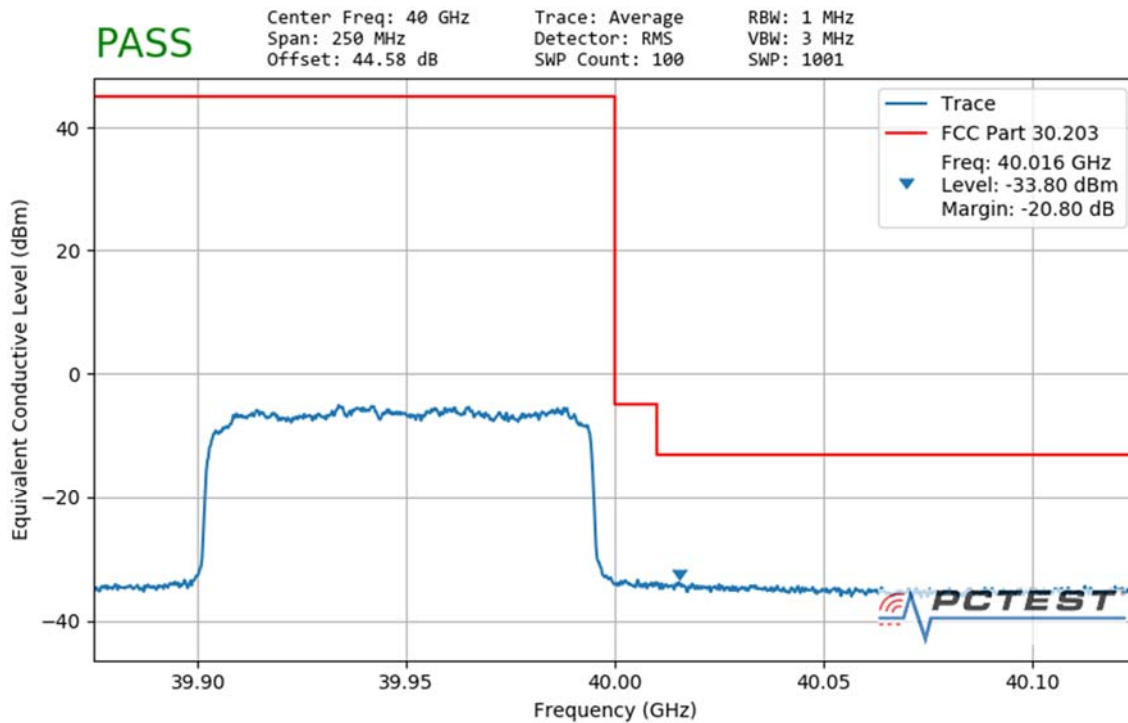


Plot 7-191. Ant3 Lower Band Edge (100MHz-1CC – QPSK Full RB)

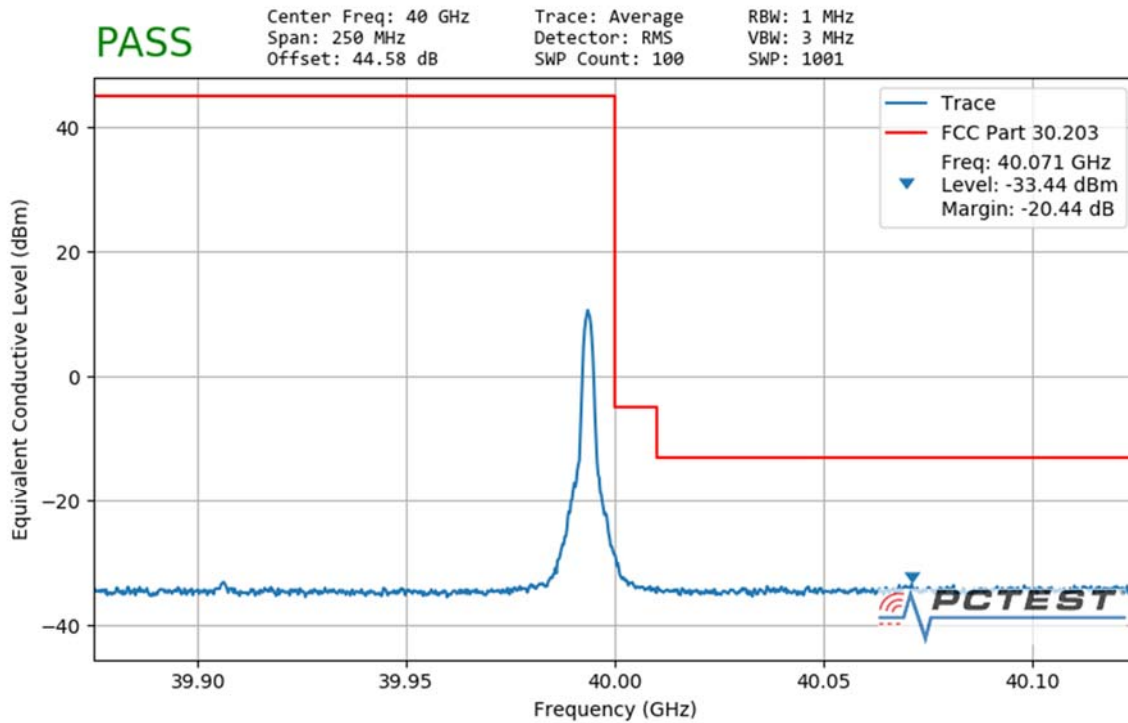


Plot 7-192. Ant3 Lower Band Edge (100MHz-1CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 188 of 196

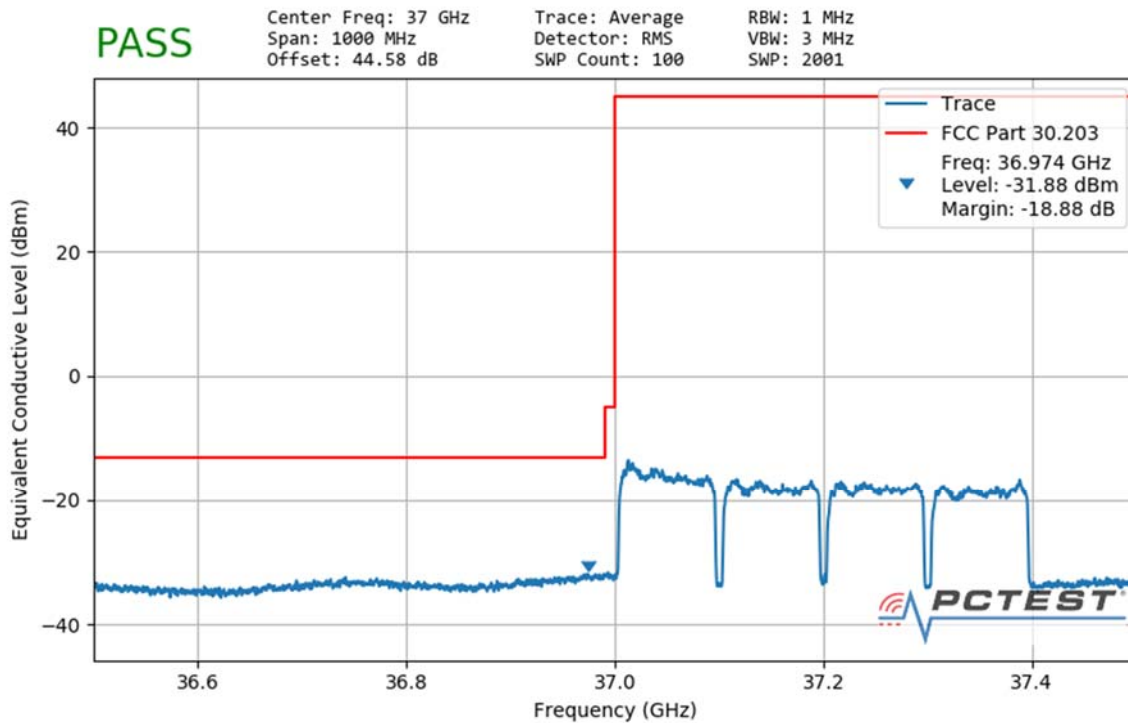


Plot 7-193. Ant3 Upper Band Edge (100MHz-1CC – QPSK Full RB)

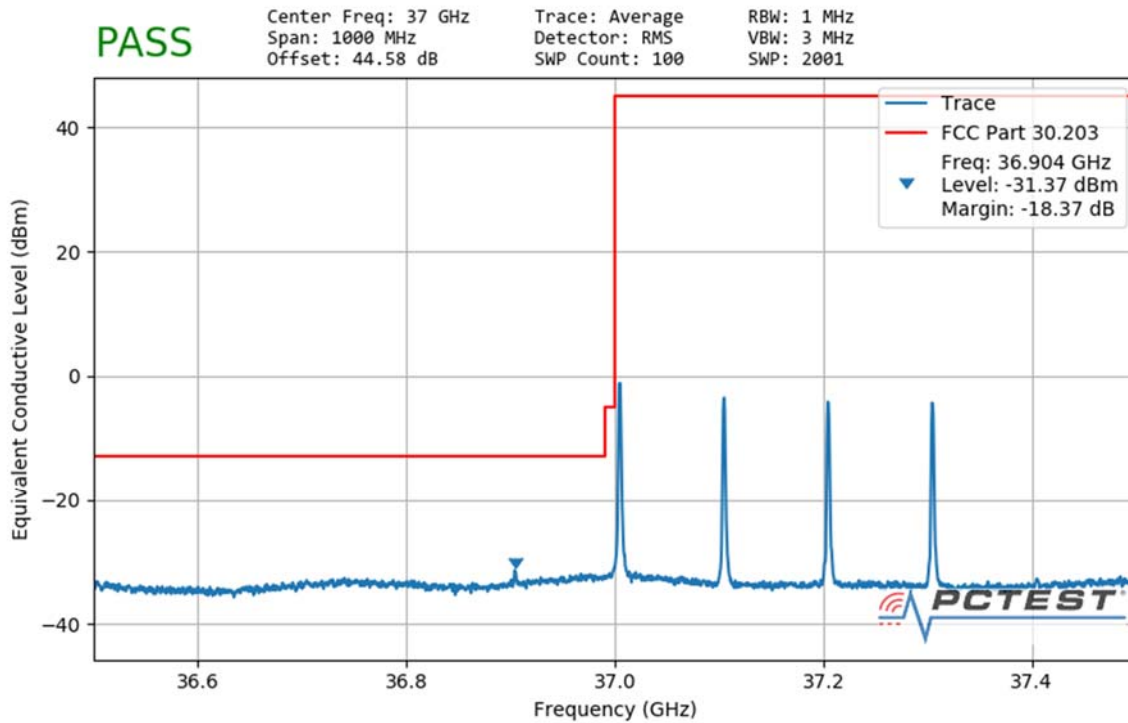


Plot 7-194. Ant3 Upper Band Edge (100MHz-1CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 189 of 196

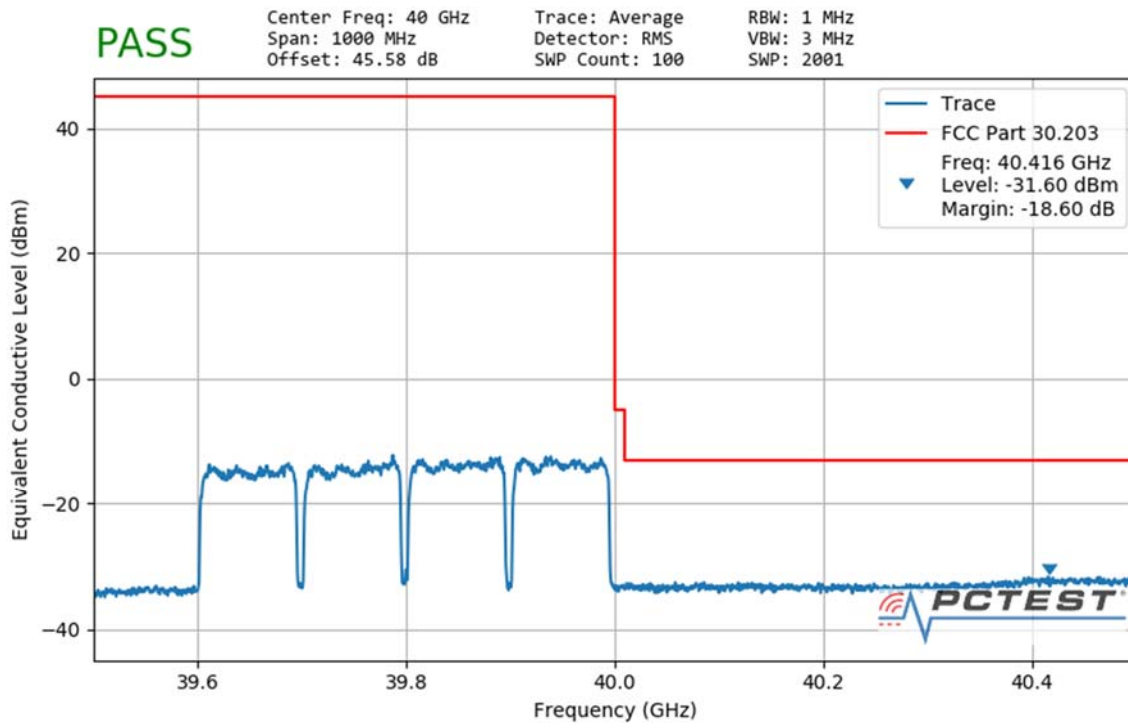


Plot 7-195. Ant3 Lower Band Edge (100MHz-4CC – QPSK Full RB)

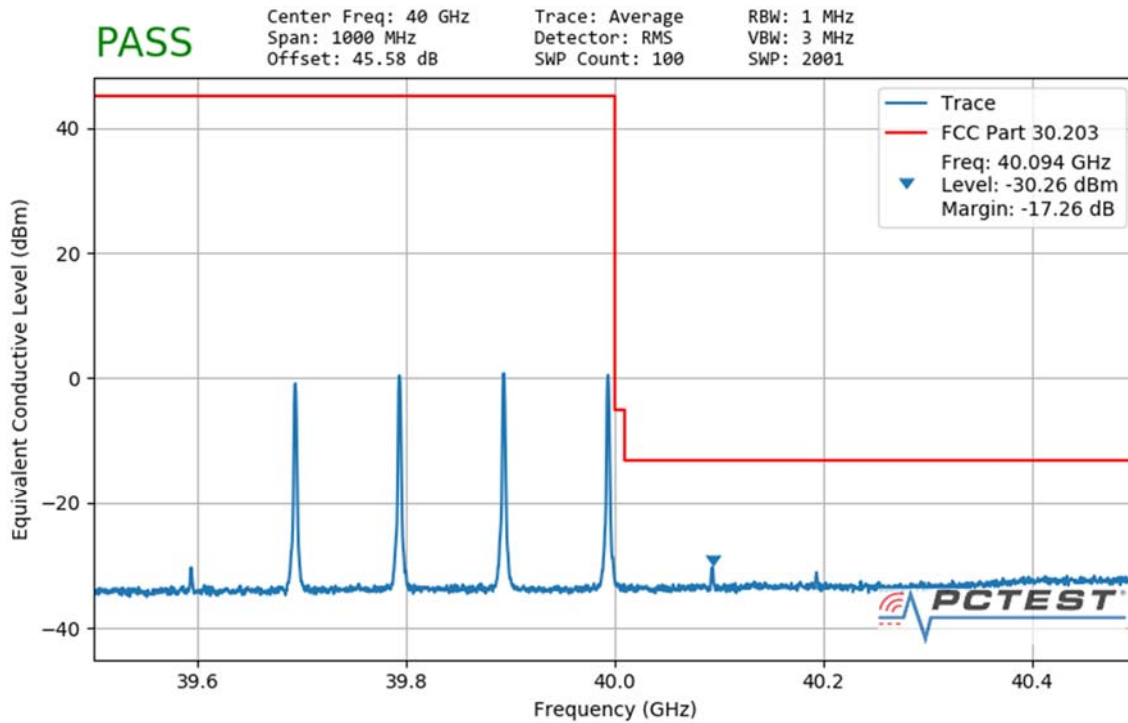


Plot 7-196. Ant3 Lower Band Edge (100MHz-4CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 190 of 196



Plot 7-197. Ant3 Upper Band Edge (100MHz-4CC – QPSK Full RB)



Plot 7-198. Ant3 Upper Band Edge (100MHz-4CC – QPSK 1 RB)

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 191 of 196

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **LG Portable Handset** **FCC ID: ZNFV600VM** complies with all the requirements of Part 30.

FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 192 of 196

9.0 APPENDIX A

9.1 VDI Mixer Verification Certificate



Virginia Diodes, Inc
979 2nd St. SE
Suite 309
Charlottesville, VA 22902
Phone: 434-297-3257
Fax: 434-297-3258

Certificate of Conformance

To: PCTEST Engineering Laboratory
7185 Oakland Mills Road
Columbia, MD 21046
United States

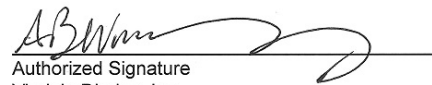
From: Virginia Diodes, Inc
979 2nd St. SE
Suite 309
Charlottesville, VA 22902

Packing List No: 193065

Today's Date: 10/02/19

Quantity	Shipped	Unit	Description	Order-Job Number
1		EA	VDIWR19.0SAX WR19SAX / SN: SAX 411	19329-01

The VDI product(s) in this shipment meet(s) the guidelines for performance specifications established in accordance with the corresponding Purchase Order. Data presented in the User Guide, where applicable, has been obtained in accordance with VDI's Quality Management System. All instruments, used to obtain data, which require calibration have been calibrated with equipment traceable to the National Institute of Standards and Technology (NIST) and through NIST to the International System of Units (SI).


Authorized Signature
Virginia Diodes, Inc

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FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 193 of 196

**Virginia Diodes, Inc**

979 2nd St. SE
Suite 309
Charlottesville, VA 22902
Phone: 434-297-3257
Fax: 434-297-3258

Certificate of Conformance

To: PCTEST Engineering Laboratory
6660-B Dobbin Road
Columbia, MD 21045
United States

From: Virginia Diodes, Inc
979 2nd St. SE
Suite 309
Charlottesville, VA 22902

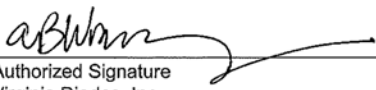
Shipping Date: 05/14/18

Today's Date: 05/14/18

Quantity

Shipped	Unit	Description
1	EA	VDIWR12.0SAX WR12SAX - Spectrum Analyzer Extension Module / SN: SAX 252

The VDI product(s) in this shipment meet(s) the guidelines for performance specifications established in accordance with the corresponding Purchase Order. Data presented in the User Guide, where applicable, has been obtained in accordance with VDI's Quality Management System. All instruments, used to obtain data, which require calibration have been calibrated with equipment traceable to the National Institute of Standards and Technology (NIST) and through NIST to the International System of Units (SI).


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FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 194 of 196

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Fax: 434-297-3258

Certificate of Conformance

To: PCTEST Engineering Laboratory
6660-B Dobbin Road
Columbia, MD 21045
United States

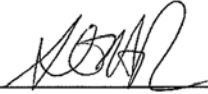
From: Virginia Diodes, Inc
979 2nd St. SE
Suite 309
Charlottesville, VA 22902

Shipping Date: 05/08/18

Today's Date: 05/08/18

Quantity			
Shipped	Unit	Description	
1	EA	VDIWR8.0SAX	
		WR8.0SAX - Spectrum Analyzer Extension Module; SN: SAX 253.	

The VDI product(s) in this shipment meet(s) the guidelines for performance specifications established in accordance with the corresponding Purchase Order. Data presented in the User Guide, where applicable, has been obtained in accordance with VDI's Quality Management System. All instruments, used to obtain data, which require calibration have been calibrated with equipment traceable to the National Institute of Standards and Technology (NIST) and through NIST to the International System of Units (SI).


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FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 195 of 196

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Phone: 434-297-3257
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Certificate of Conformance

To: PCTEST Engineering Laboratory
6660-B Dobbin Road
Columbia, MD 21045
United States

From: Virginia Diodes, Inc
979 2nd St. SE
Suite 309
Charlottesville, VA 22902

Shipping Date: 05/21/18

Today's Date: 05/22/18

Quantity	Shipped	Unit	Description
1	EA	VDIWR5.1SAX	WR5.1SAX - Spectrum Analyzer Extension Module; SN: SAX 254.

The VDI product(s) in this shipment meet(s) the guidelines for performance specifications established in accordance with the corresponding Purchase Order. Data presented in the User Guide, where applicable, has been obtained in accordance with VDI's Quality Management System. All instruments, used to obtain data, which require calibration have been calibrated with equipment traceable to the National Institute of Standards and Technology (NIST) and through NIST to the International System of Units (SI).


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FCC ID: ZNFV600VM		MEASUREMENT REPORT (CLASS II PERMISSIVE CHANGE)		Approved by: Quality Manager
Test Report S/N: 1M1912300227-06.ZNF	Test Dates: 01/02 - 02/21/2020	EUT Type: Portable Handset		Page 196 of 196

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