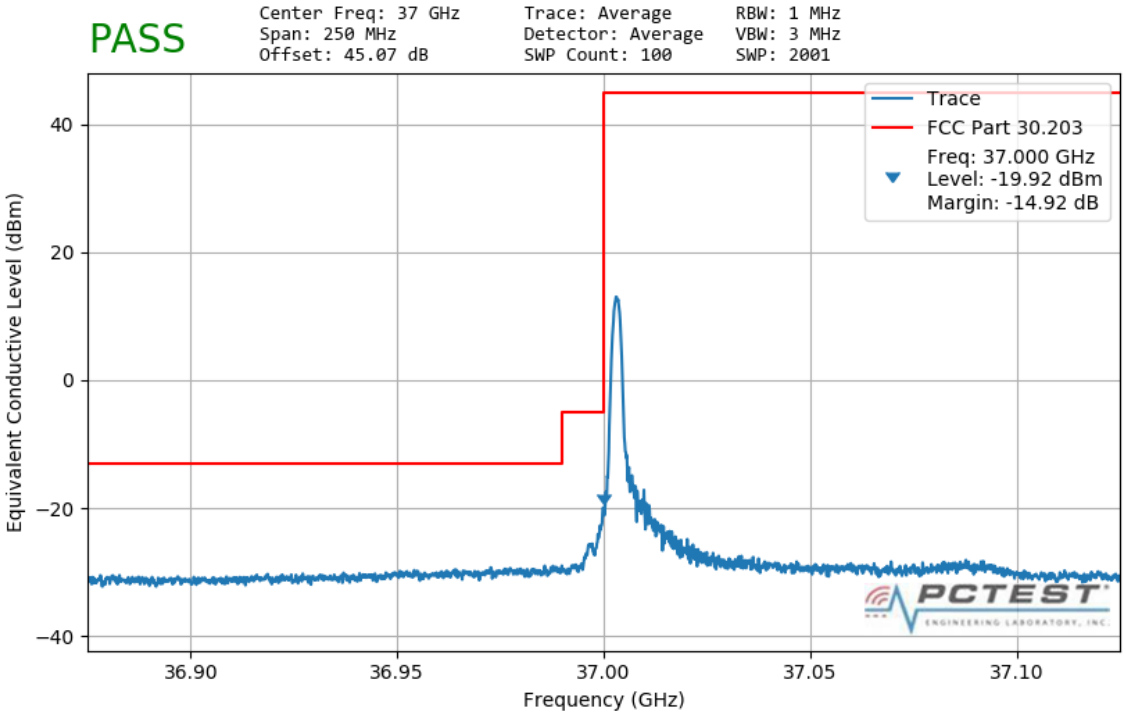
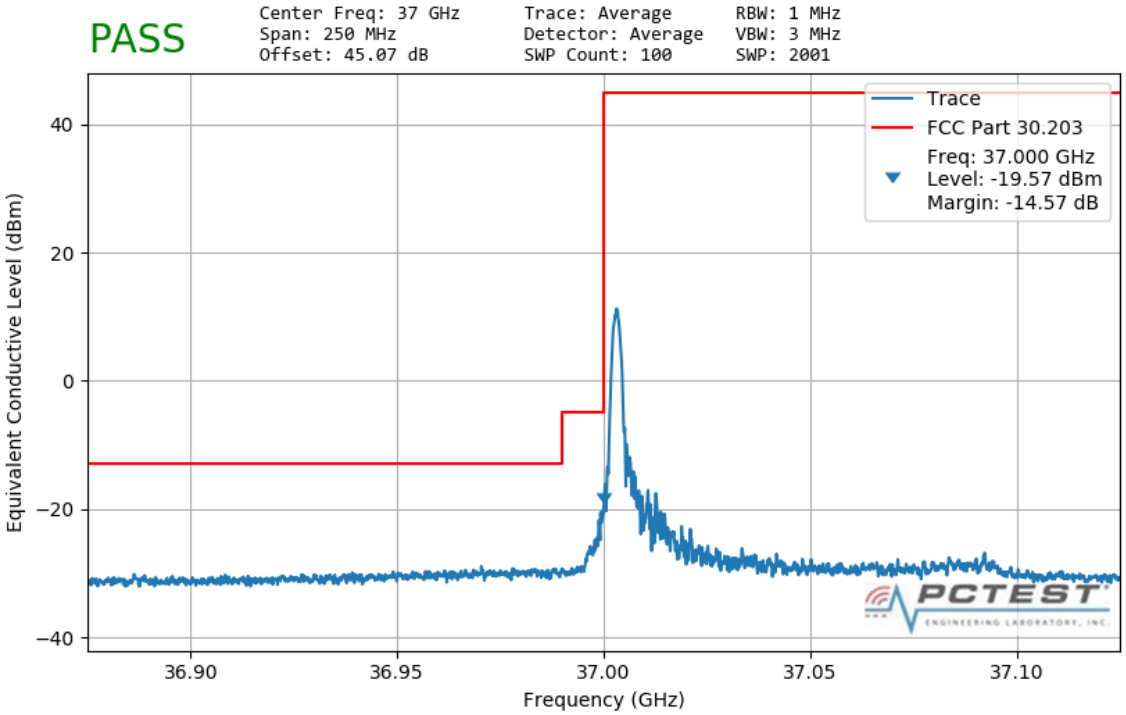
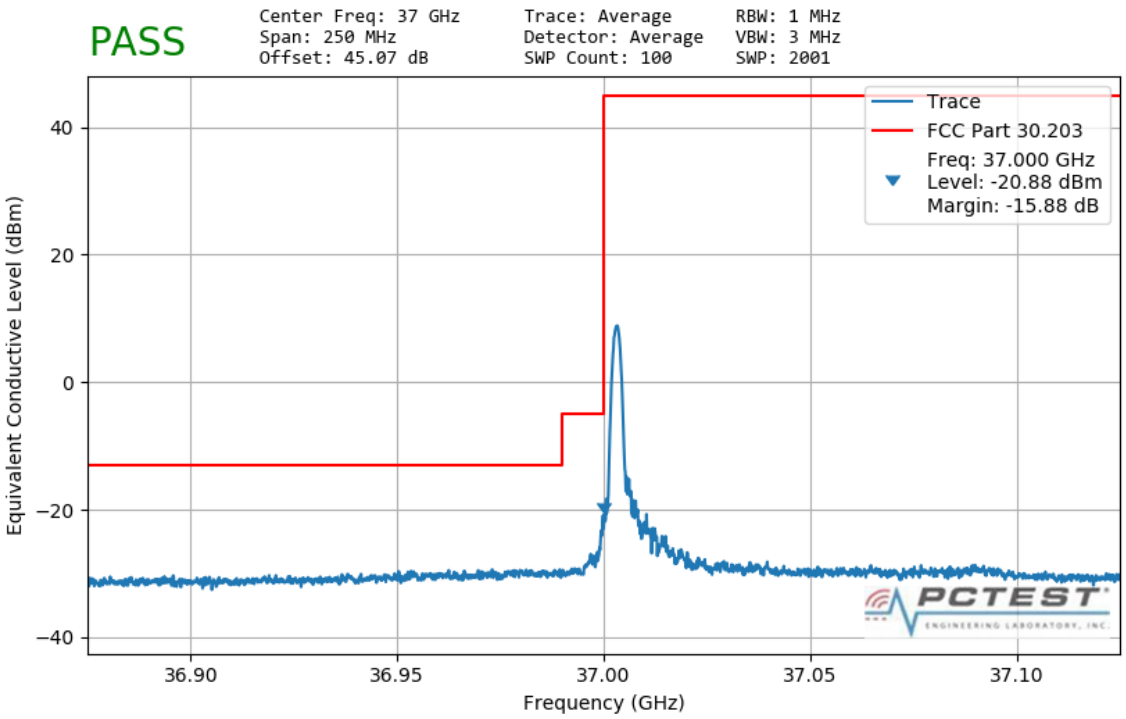


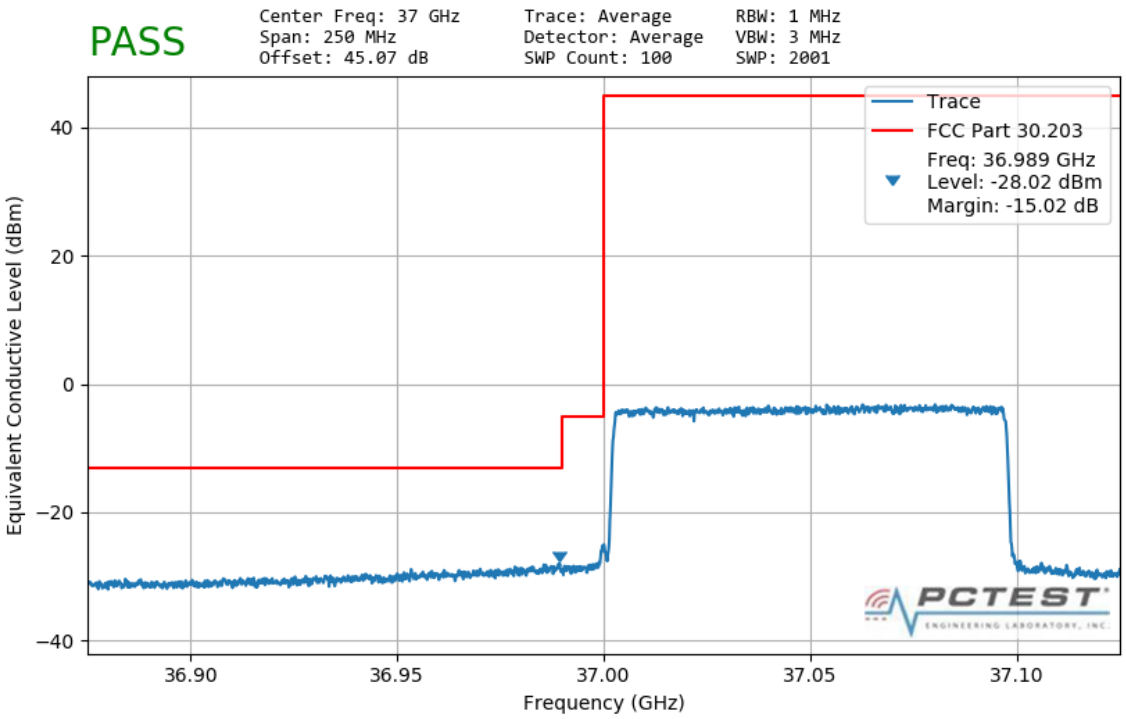
Plot 7-285. Band Edge Plot (1CC 100M QPSK Low Channel – 1 RB 0 offset)



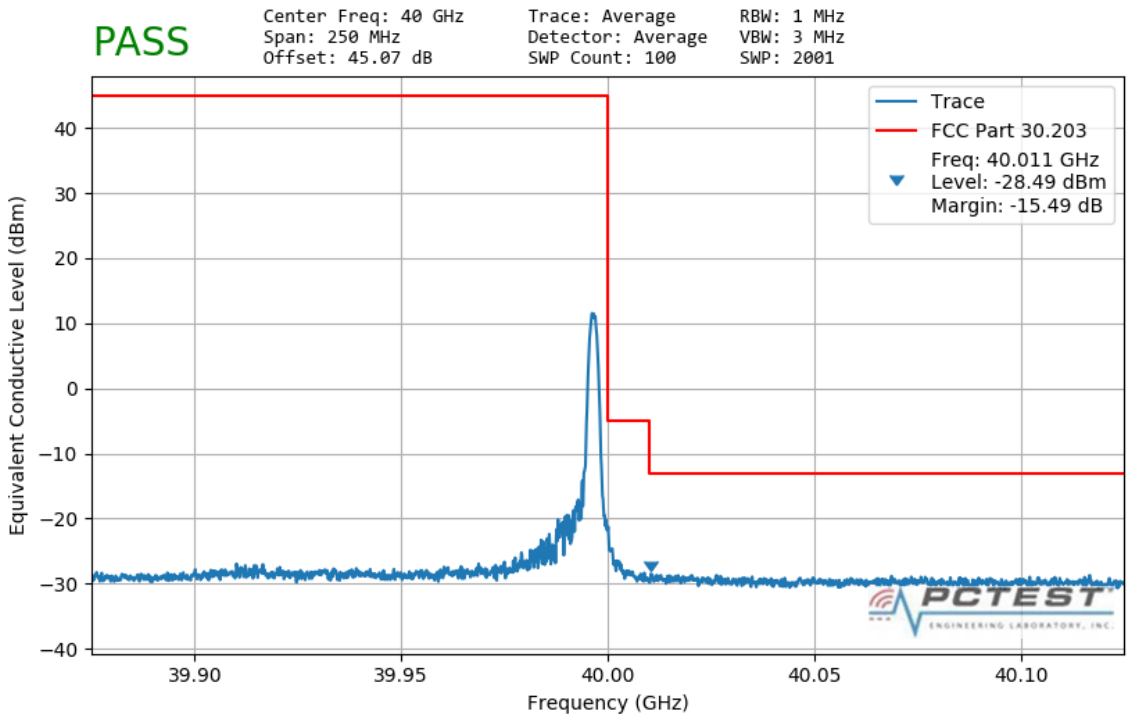
Plot 7-286. Band Edge Plot (1CC 100M 16QAM Low Channel – 1 RB 0 offset)



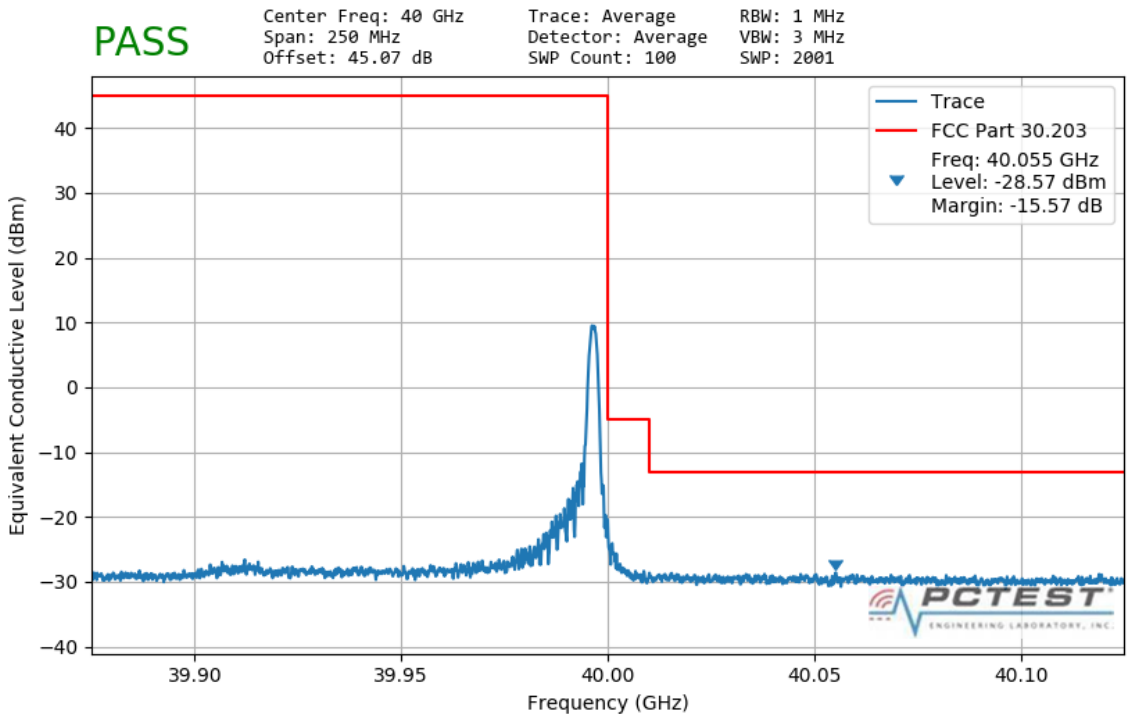
Plot 7-287. Band Edge Plot (1CC 100M 64QAM Low Channel – 1 RB 0 offset)



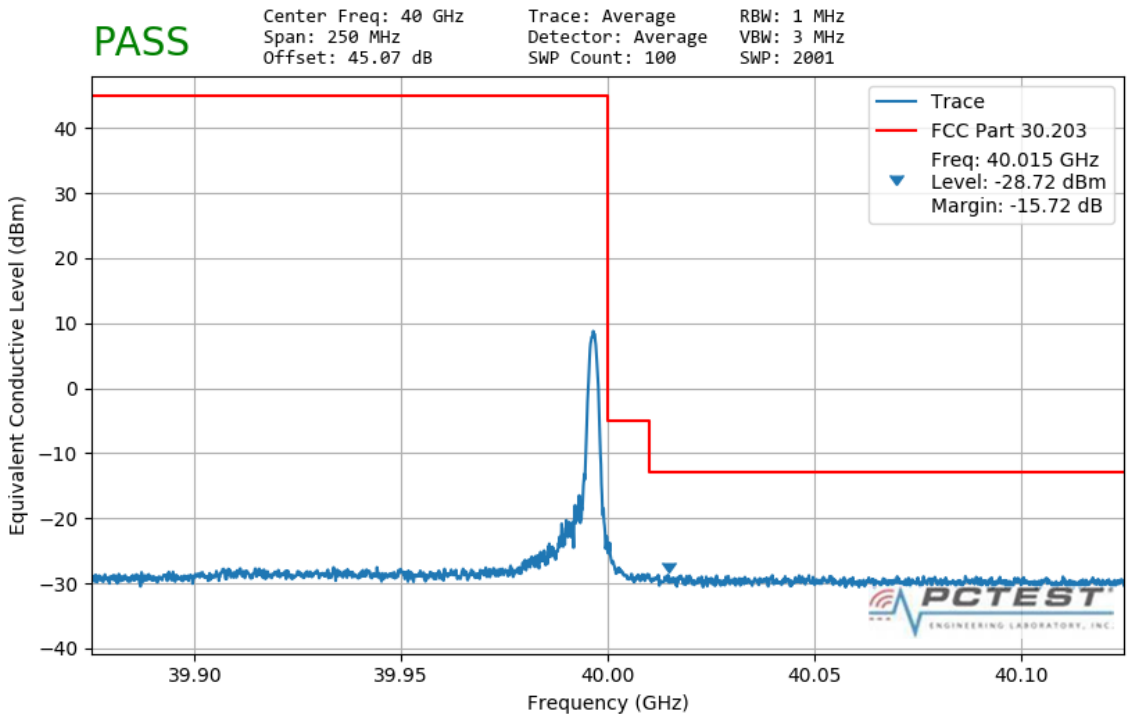
Plot 7-288. Band Edge Plot (1CC 100M QPSK Low Channel – 32 RB 0 offset)



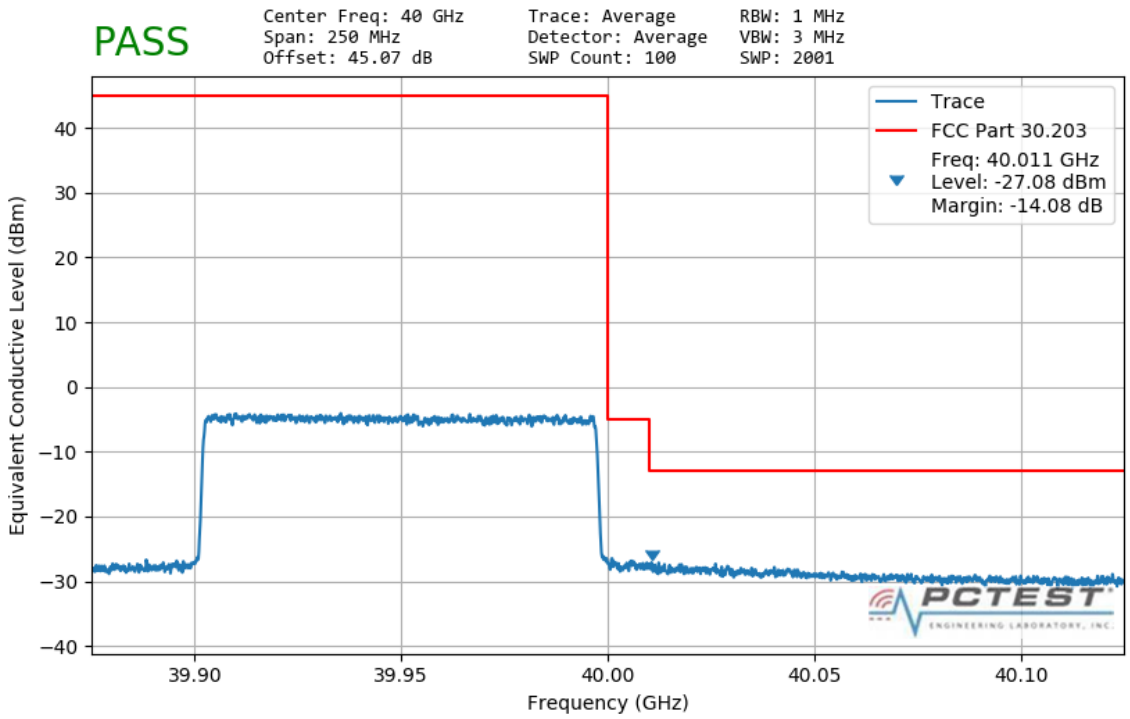
Plot 7-289. Band Edge Plot (1CC 100M QPSK Hi Channel– 1 RB 65 offset)



Plot 7-290. Band Edge Plot (1CC 100M 16QAM Hi Channel– 1 RB 65 offset)



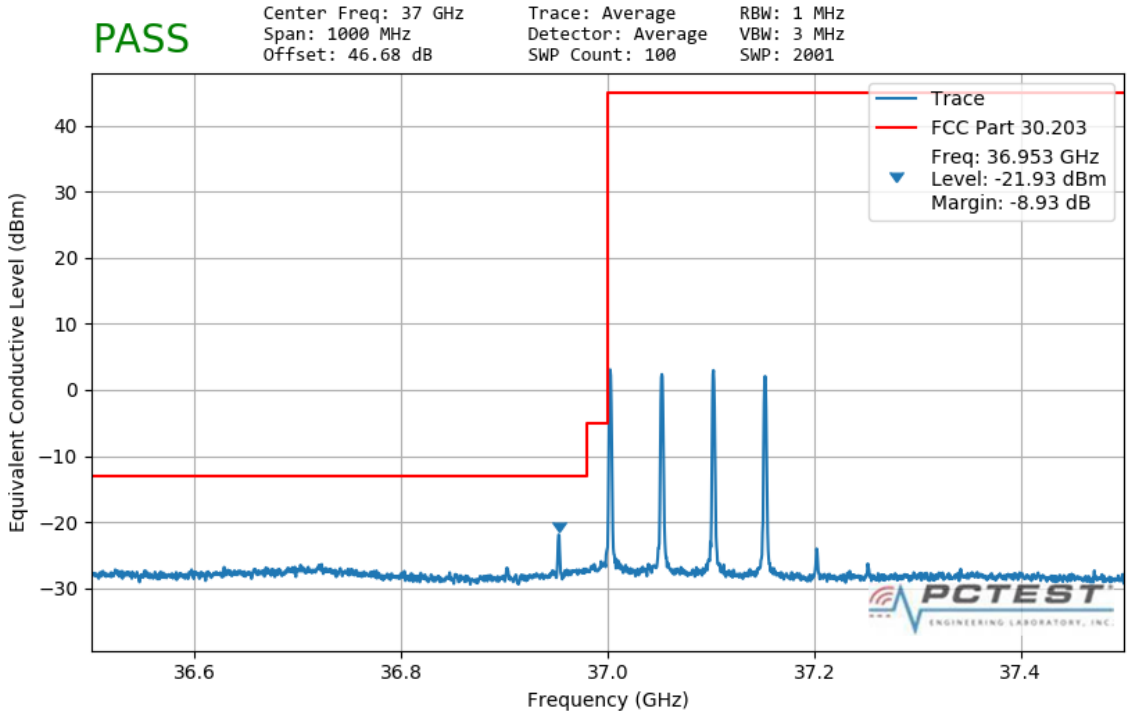
Plot 7-291. Band Edge Plot (1CC 100M 64QAM Hi Channel – 1 RB 65 offset)



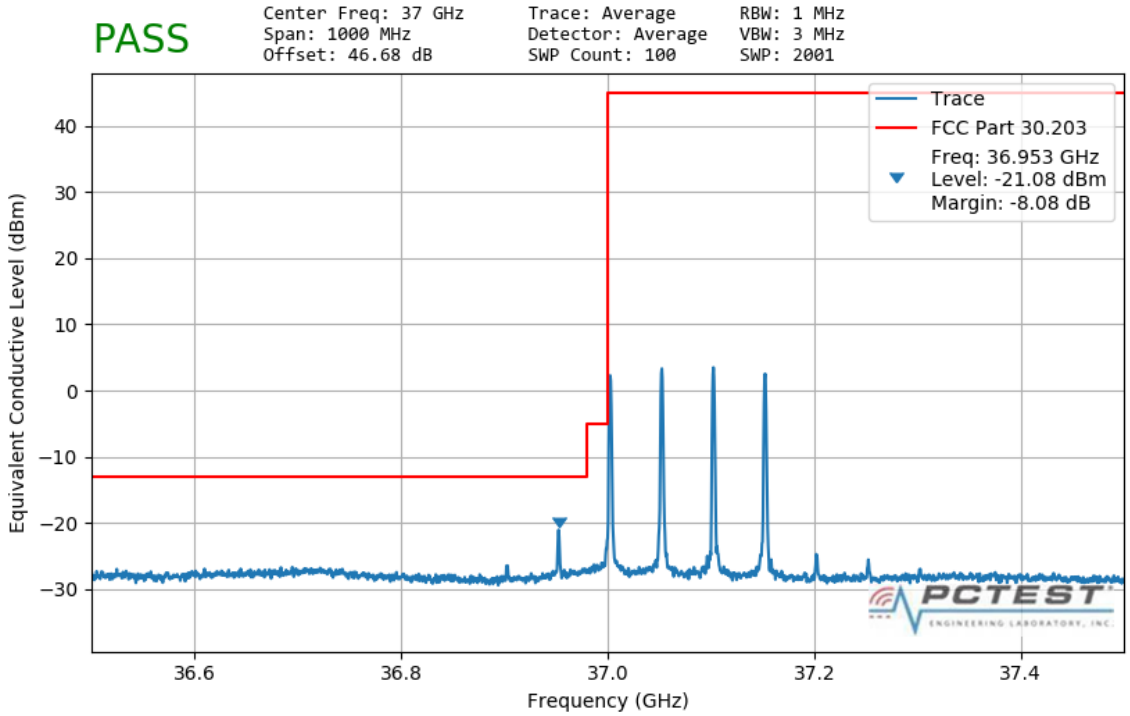
Plot 7-292. Band Edge Plot (1CC 100M QPSK Hi Channel– 32 RB 65 offset)

7.5.8 N260 4CC 50MHz Bandwidth Band Edges

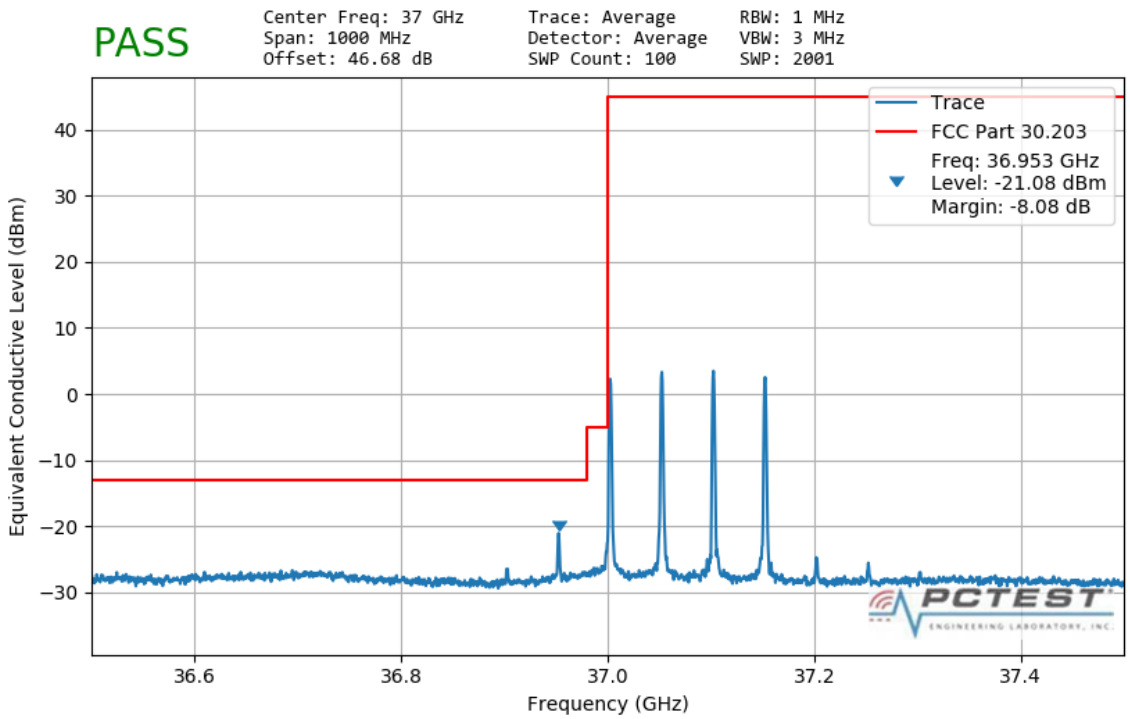
QTM 0 - H + V



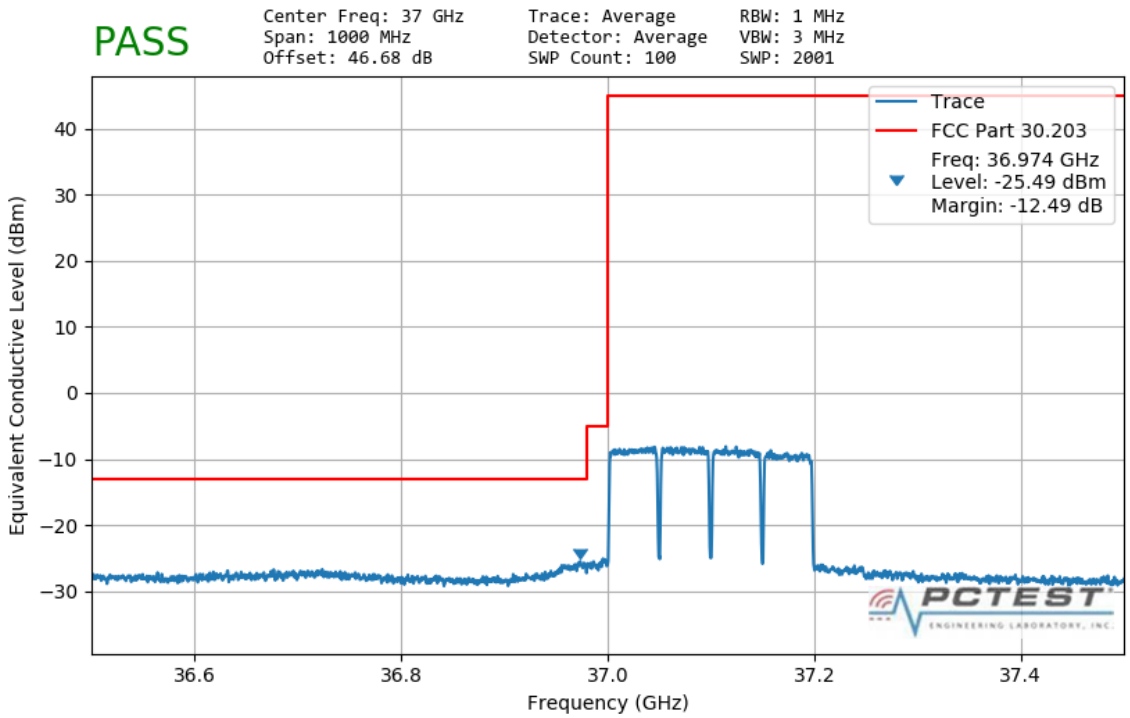
Plot 7-293. Band Edge Plot (4CC 50M QPSK Low Channel – 1 RB 0 offset)



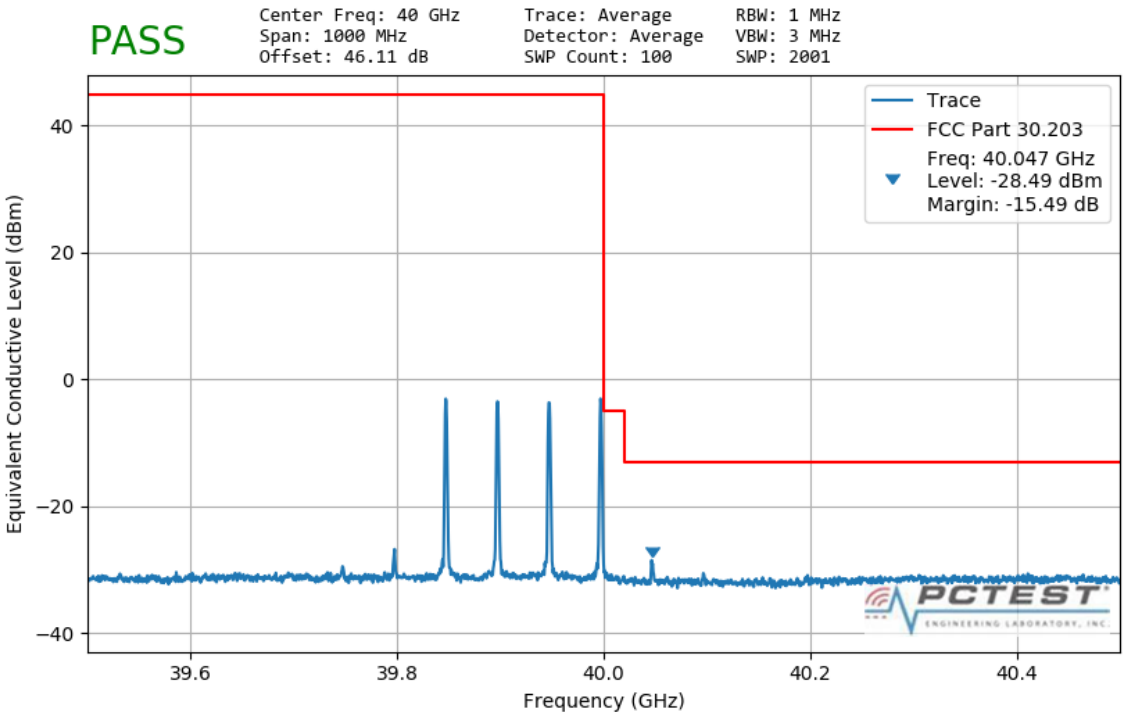
Plot 7-294. Band Edge Plot (4CC 50M 16QAM Low Channel – 1 RB 0 offset)



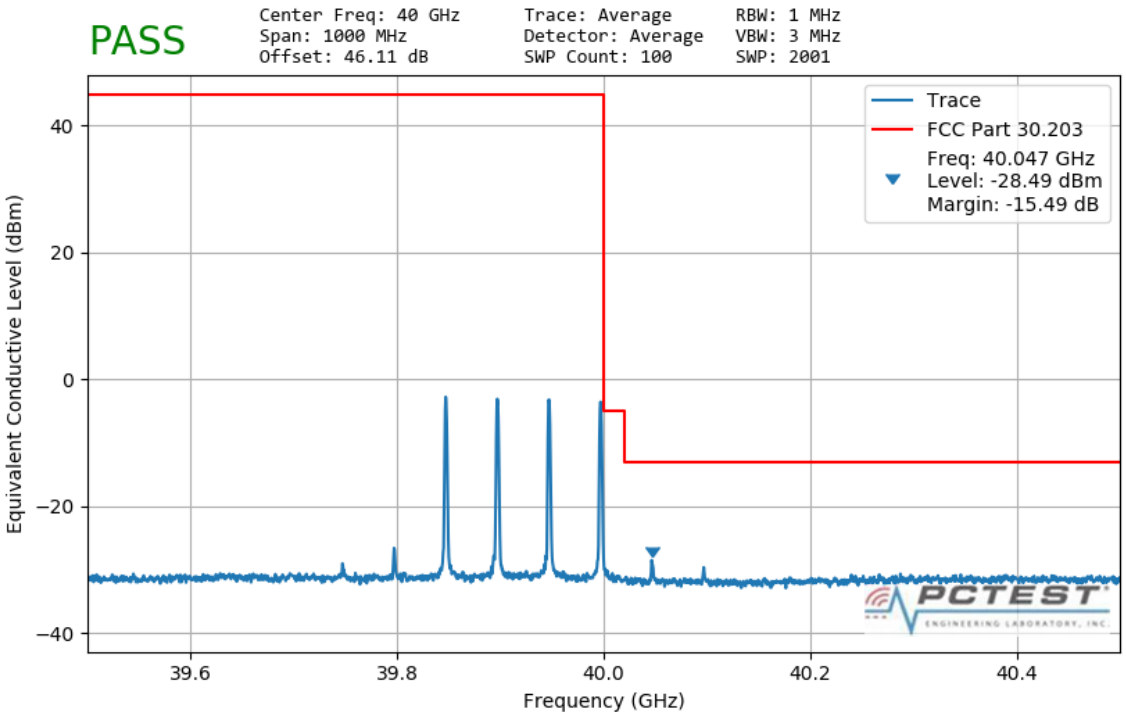
Plot 7-295. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB 0 offset)



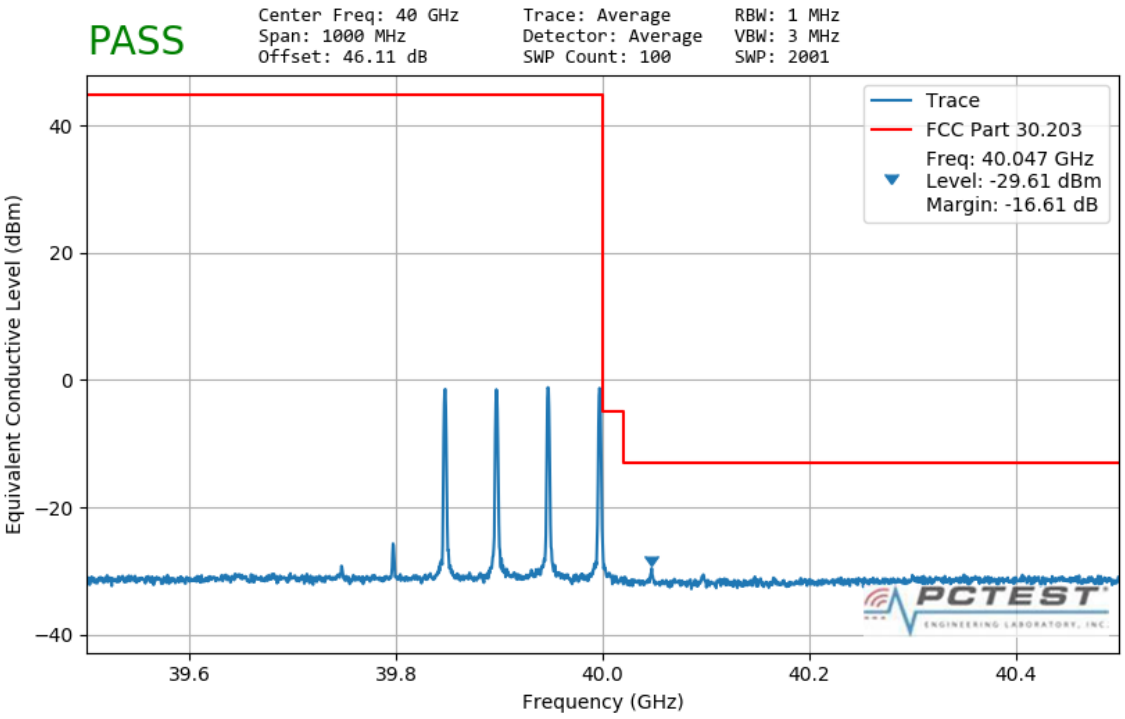
Plot 7-296. Band Edge Plot (4CC 50M QPSK Low Channel – 32 RB 0 offset)



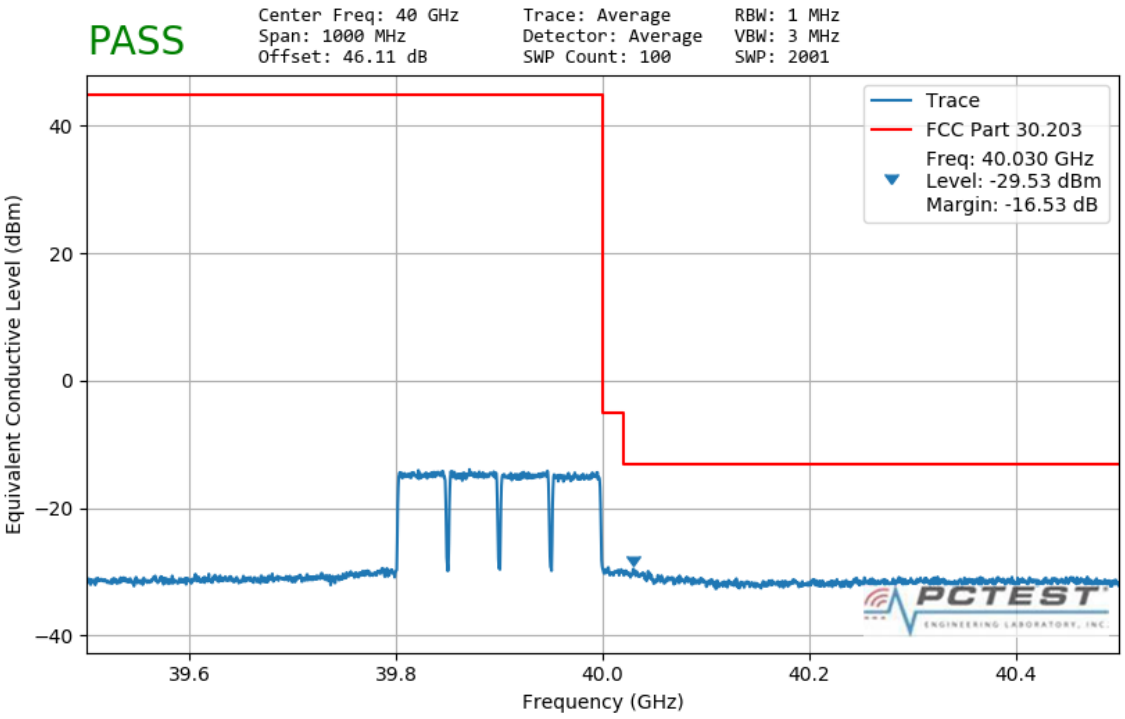
Plot 7-297. Band Edge Plot (4CC 50M QPSK Hi Channel– 1 RB 0 offset)



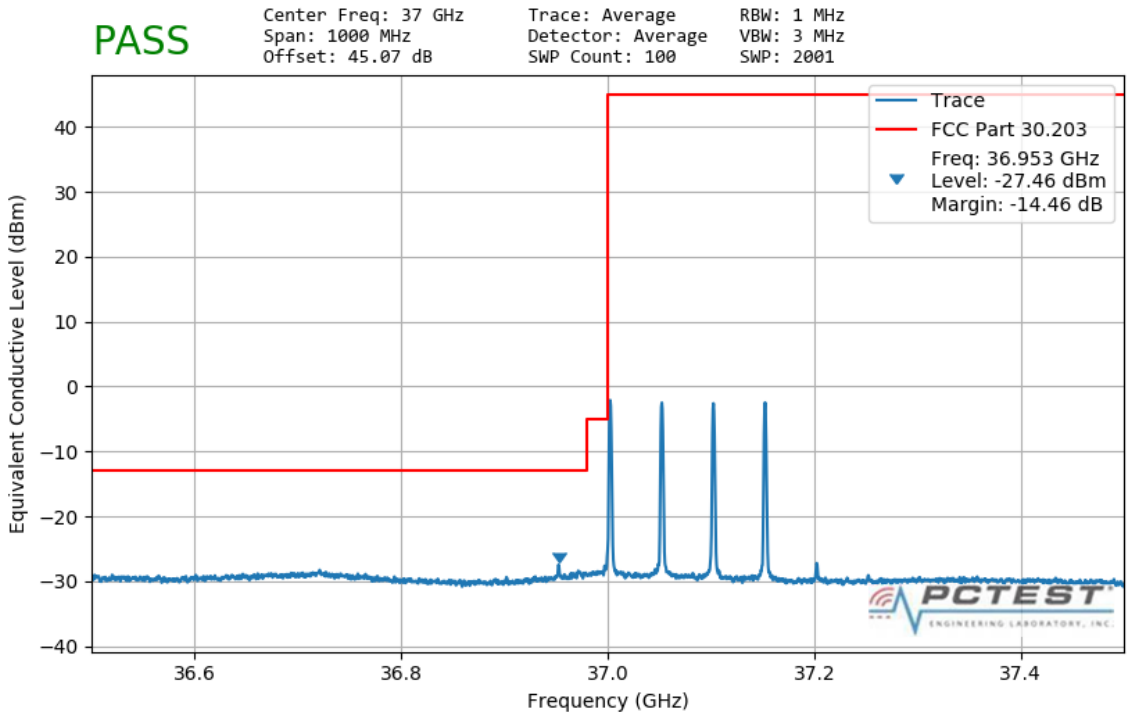
Plot 7-298. Band Edge Plot (4CC 50M 16QAM Hi Channel– 1 RB 0 offset)



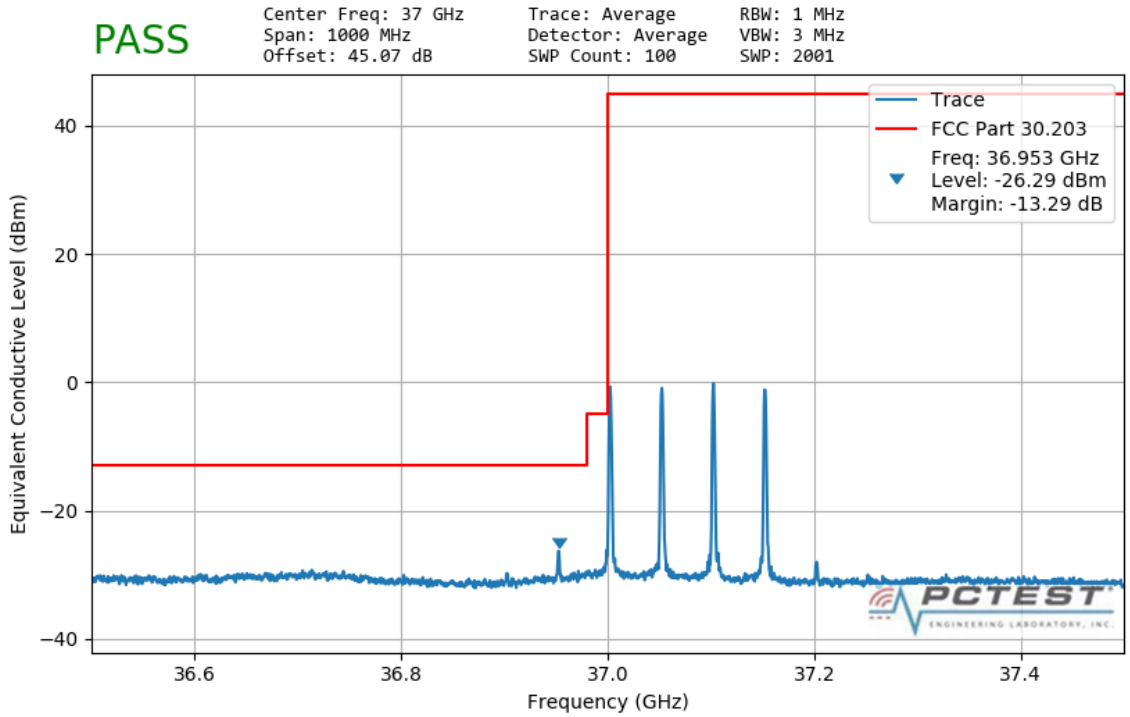
Plot 7-299. Band Edge Plot (4CC 50M 64QAM Hi Channel – 1 RB 0 offset)



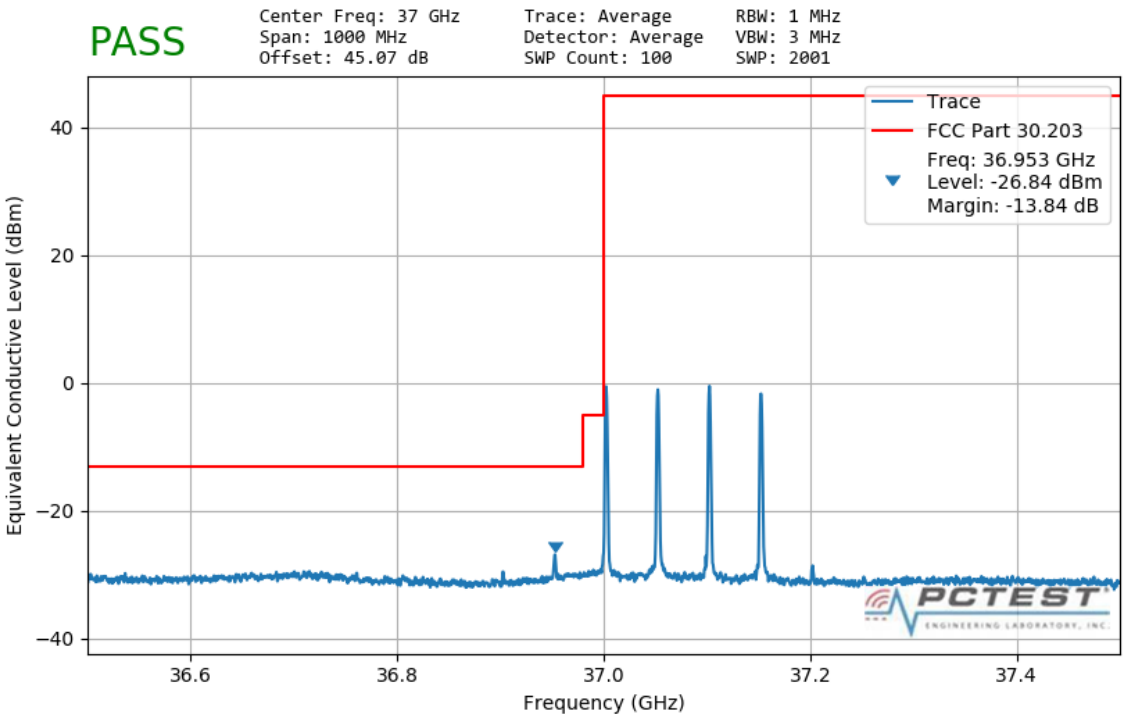
Plot 7-300. Band Edge Plot (4CC 50M QPSK Hi Channel– 32 RB 0 offset)



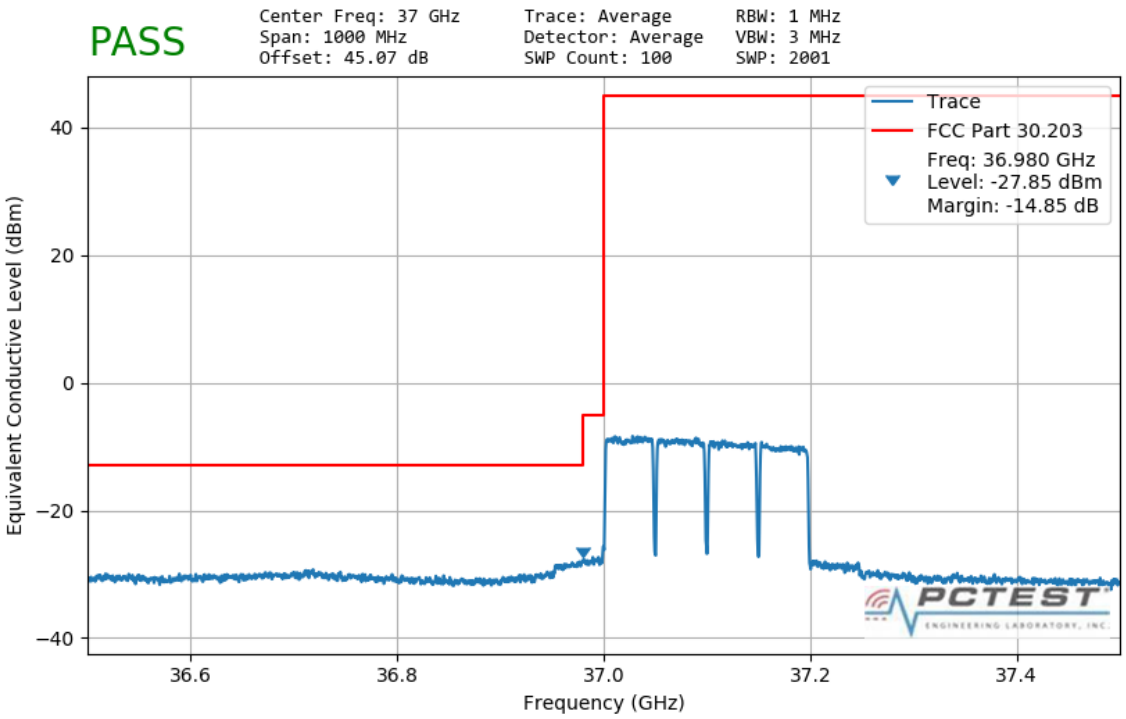
Plot 7-301. Band Edge Plot (4CC 50M QPSK Low Channel – 1 RB 0 offset)



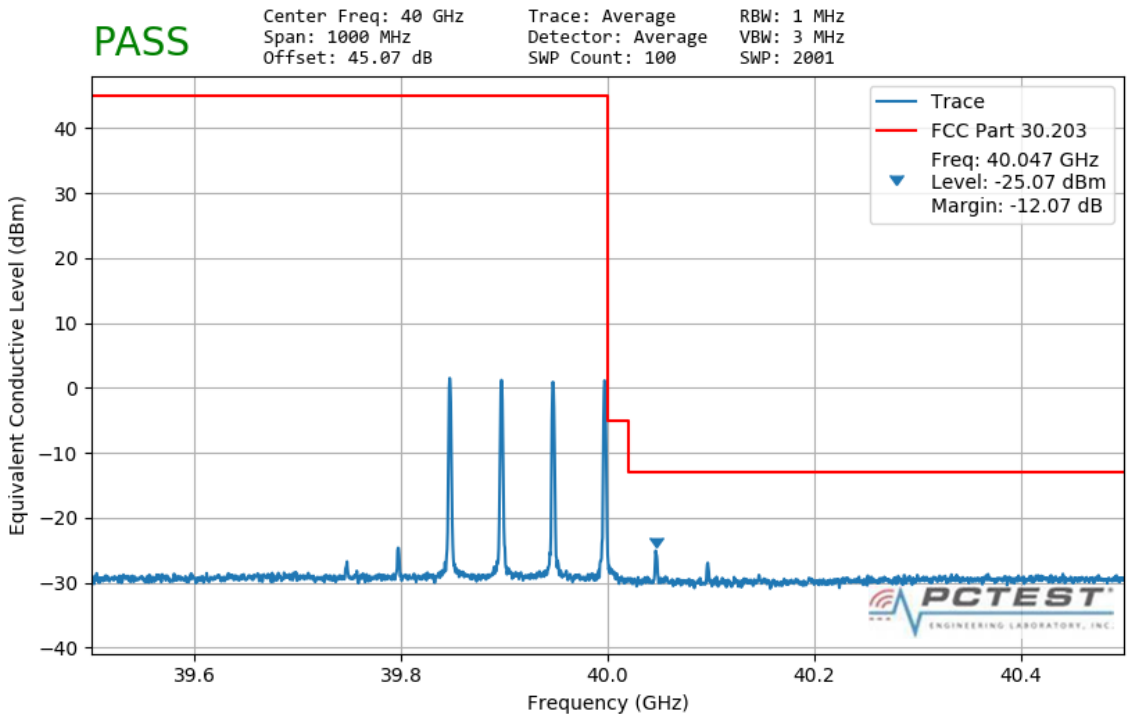
Plot 7-302. Band Edge Plot (4CC 50M 16QAM Low Channel – 1 RB 0 offset)



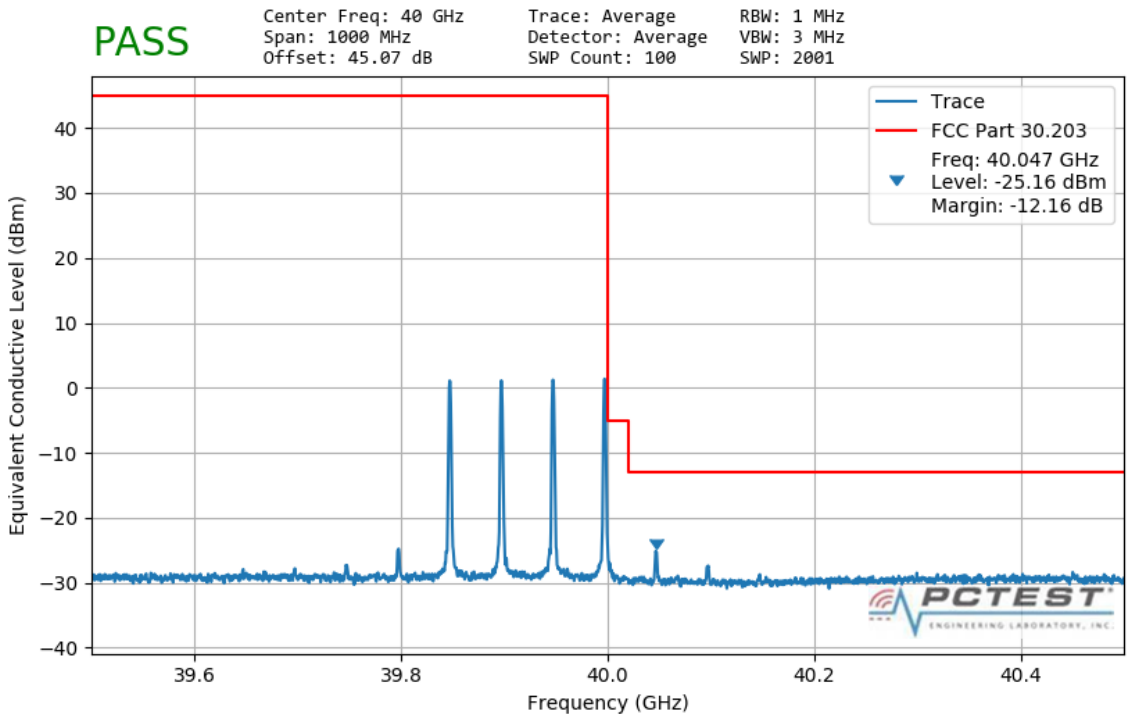
Plot 7-303. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB 0 offset)



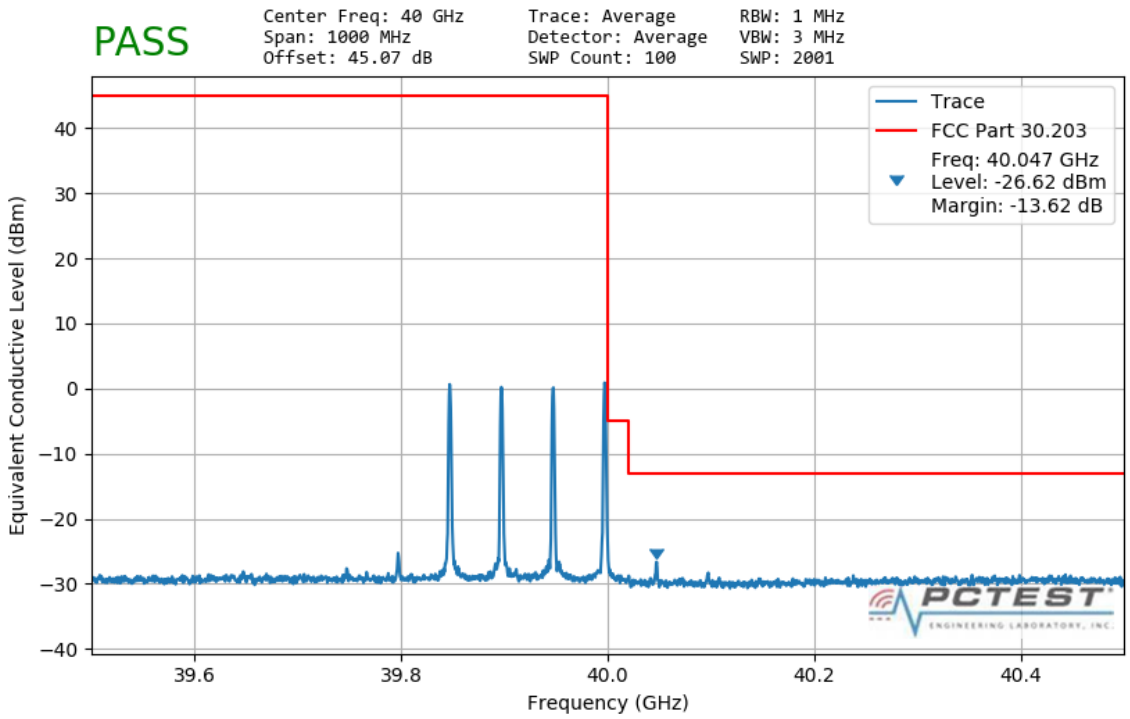
Plot 7-304. Band Edge Plot (4CC 50M QPSK Low Channel – 32 RB 0 offset)



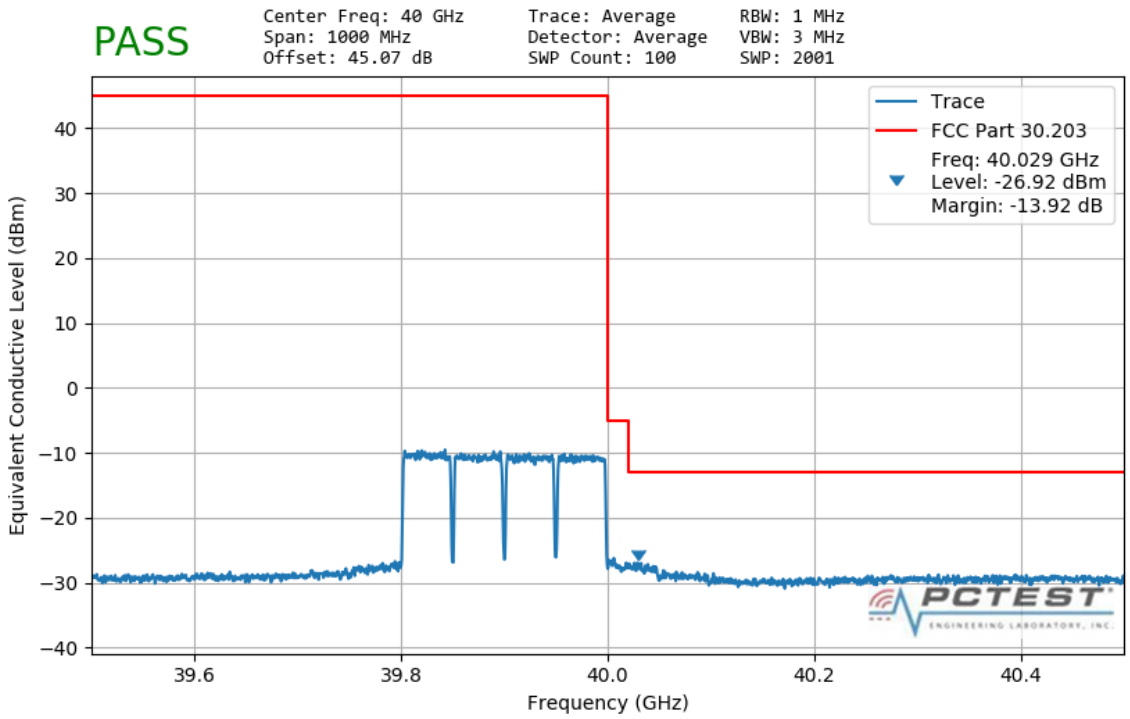
Plot 7-305. Band Edge Plot (4CC 50M QPSK Hi Channel– 1 RB 0 offset)



Plot 7-306. Band Edge Plot (4CC 50M 16QAM Hi Channel– 1 RB 0 offset)



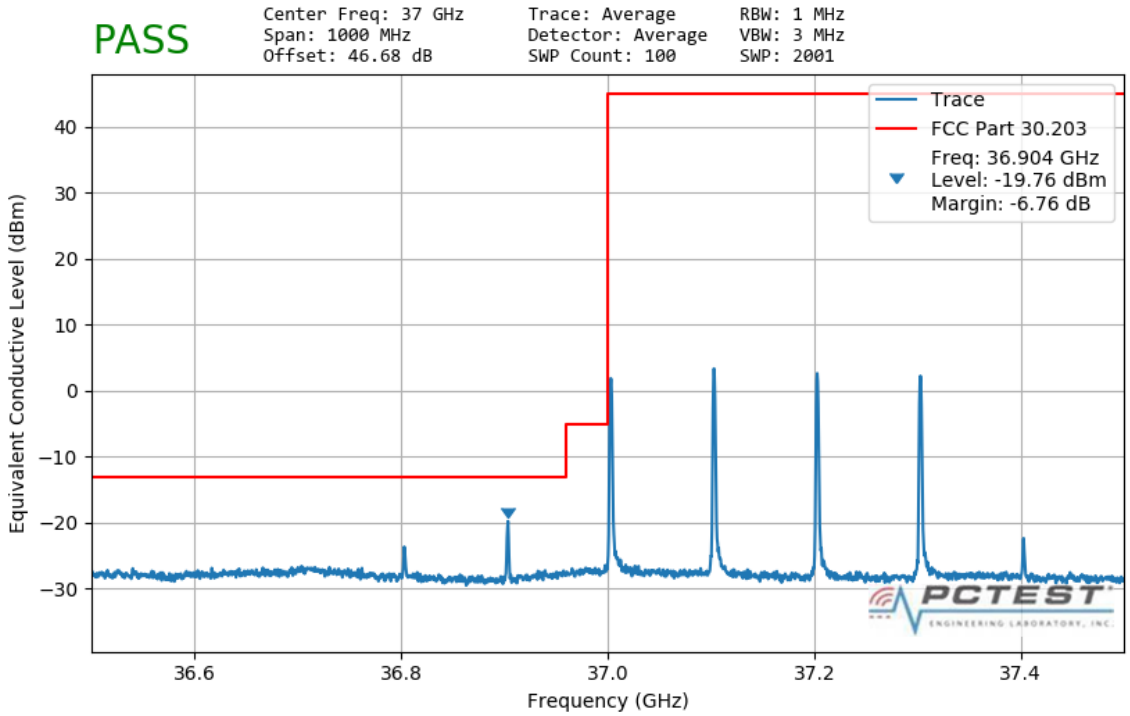
Plot 7-307. Band Edge Plot (4CC 50M 64QAM Hi Channel – 1 RB 0 offset)



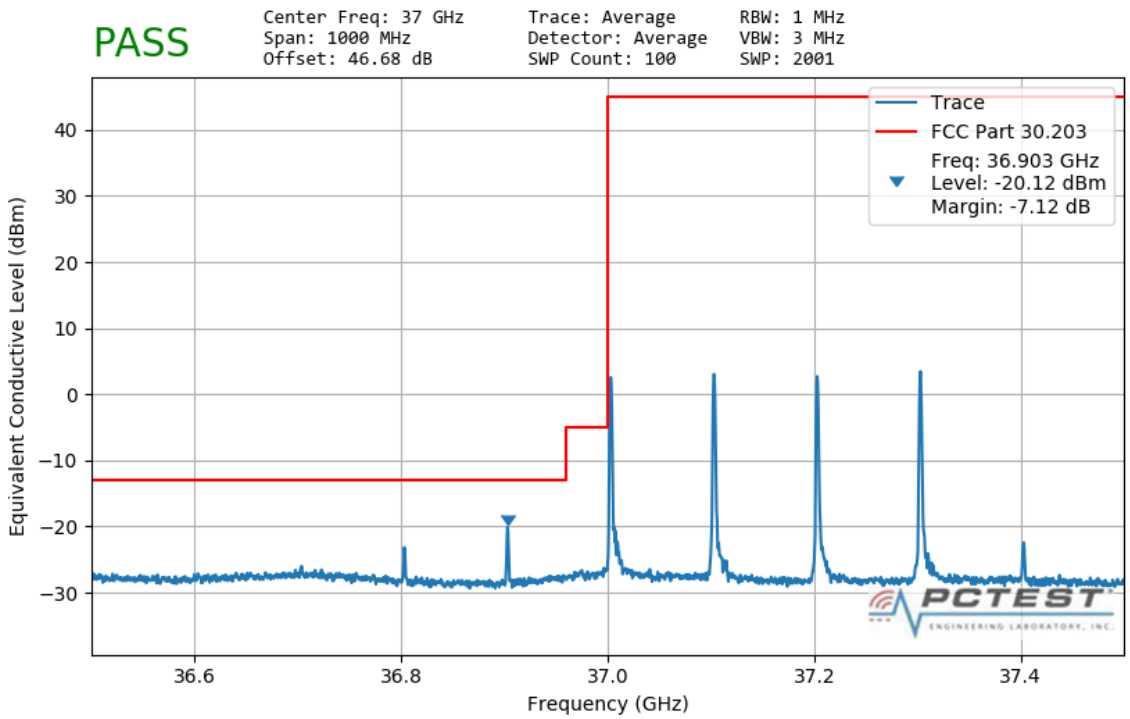
Plot 7-308. Band Edge Plot (4CC 50M QPSK Hi Channel– 32 RB 0 offset)

7.5.9 N260 4CC 100MHz Bandwidth Band Edges

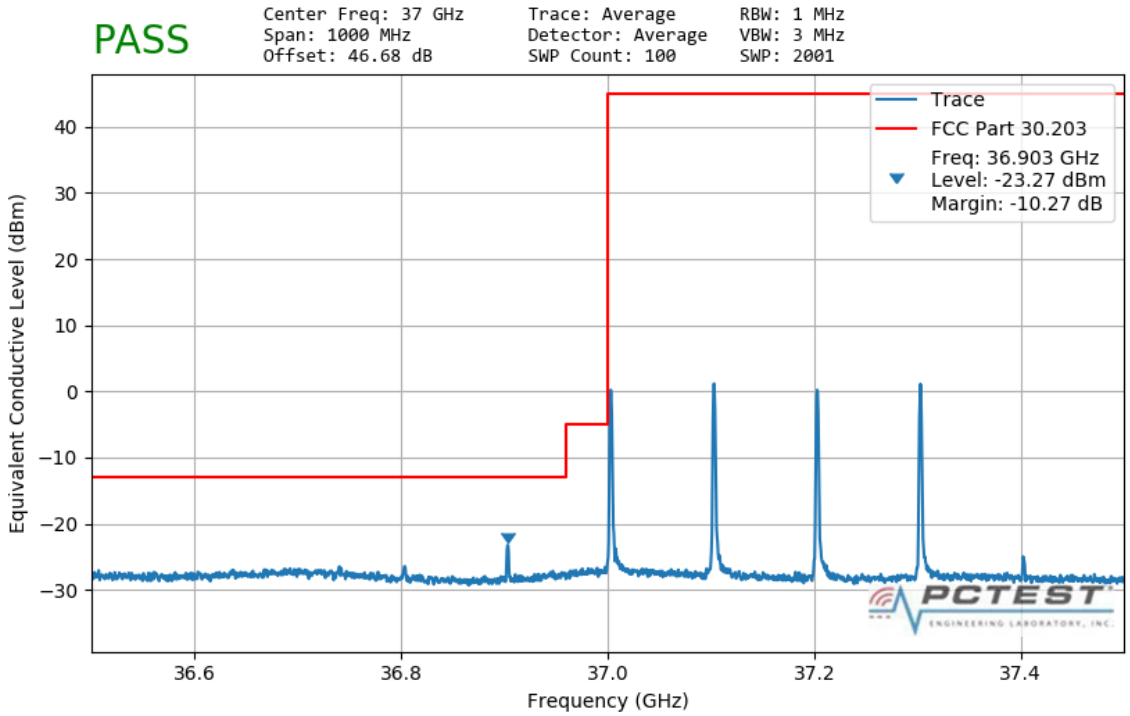
QTM 0 - H + V



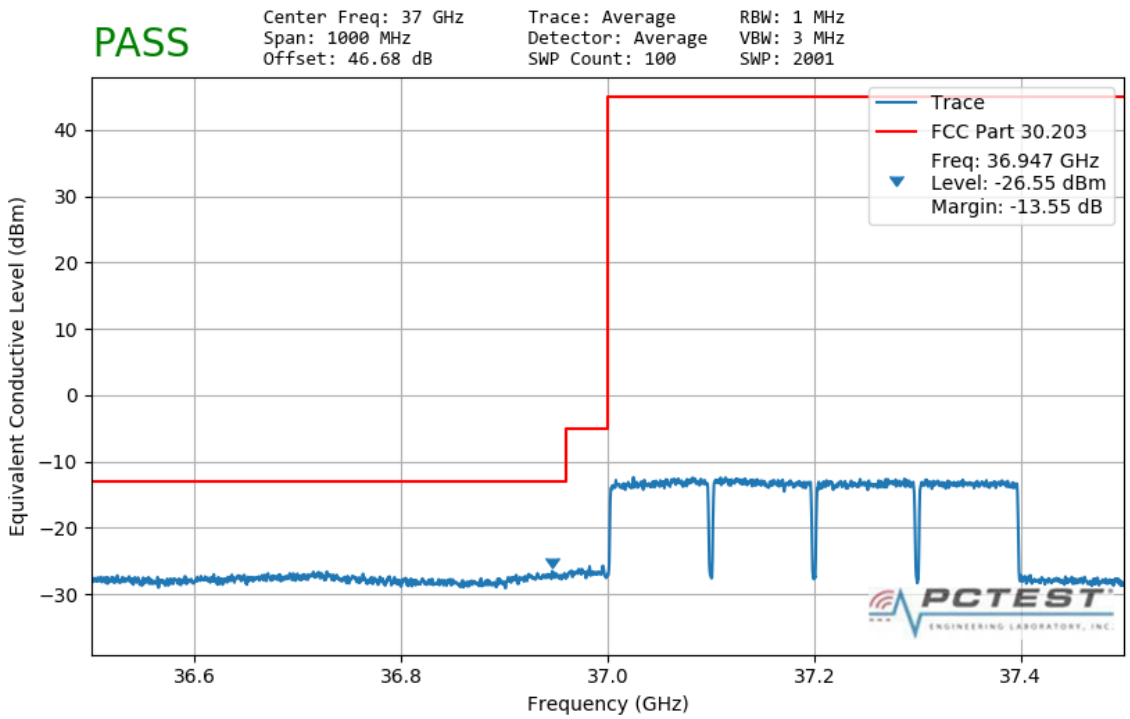
Plot 7-309. Band Edge Plot (4CC 100M QPSK Low Channel – 1 RB 0 offset)



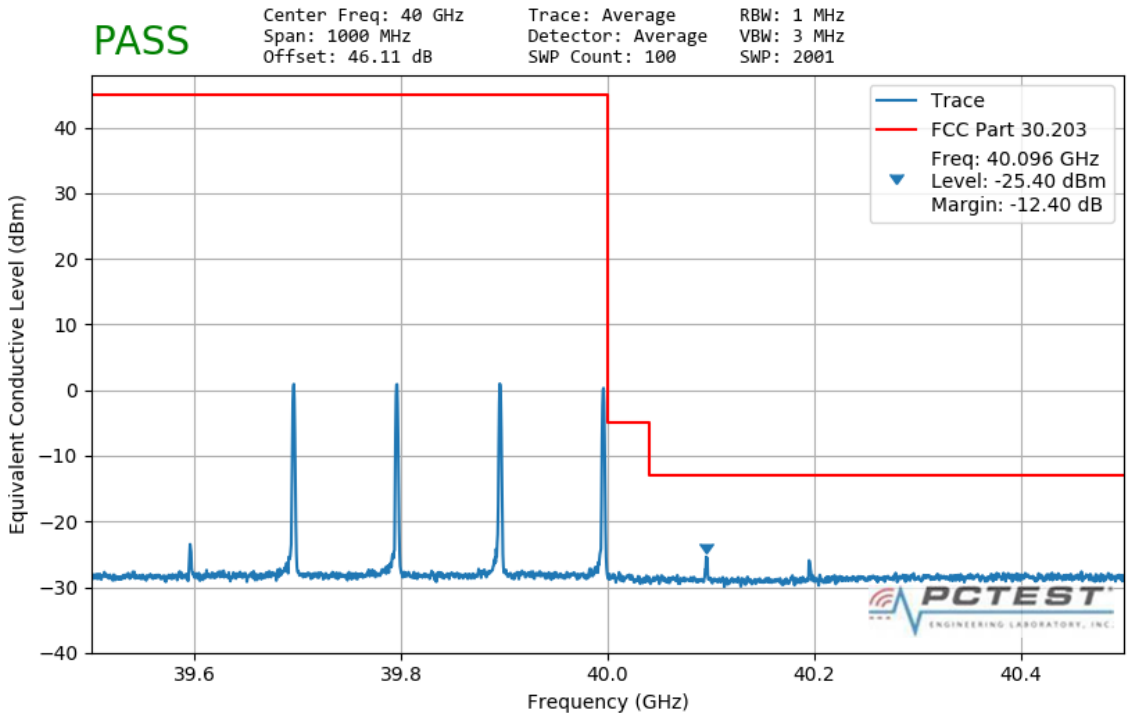
Plot 7-310. Band Edge Plot (4CC 100M 16QAM Low Channel – 1 RB 0 offset)



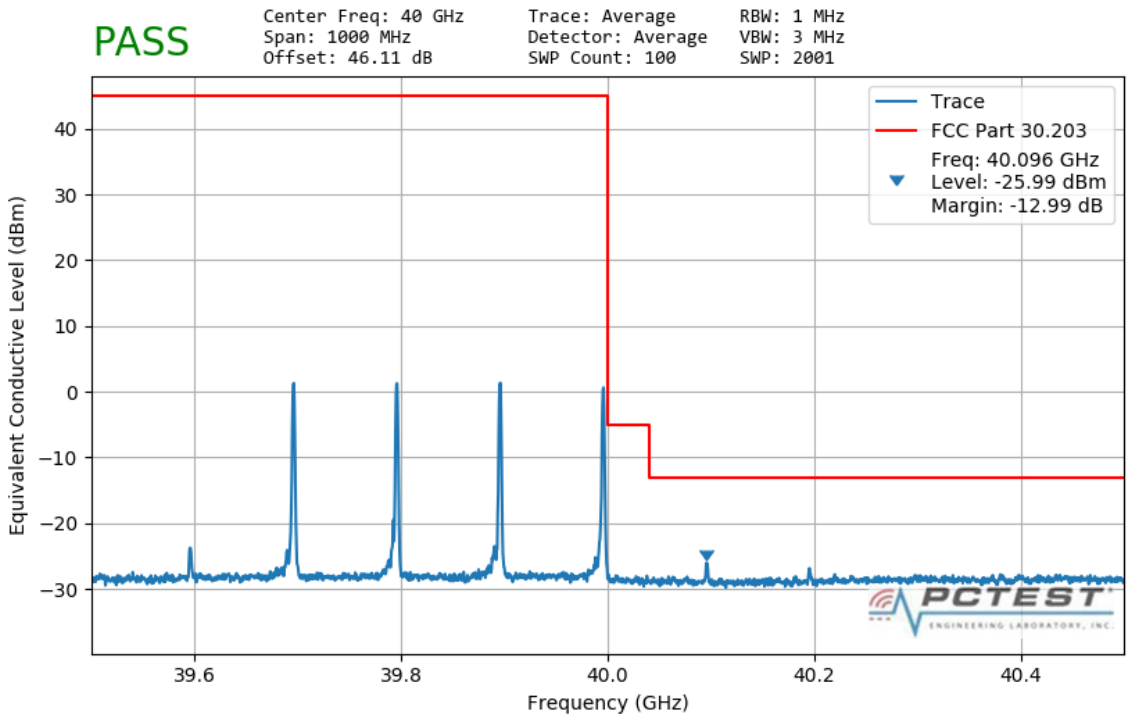
Plot 7-311. Band Edge Plot (4CC 100M 64QAM Low Channel – 1 RB 0 offset)



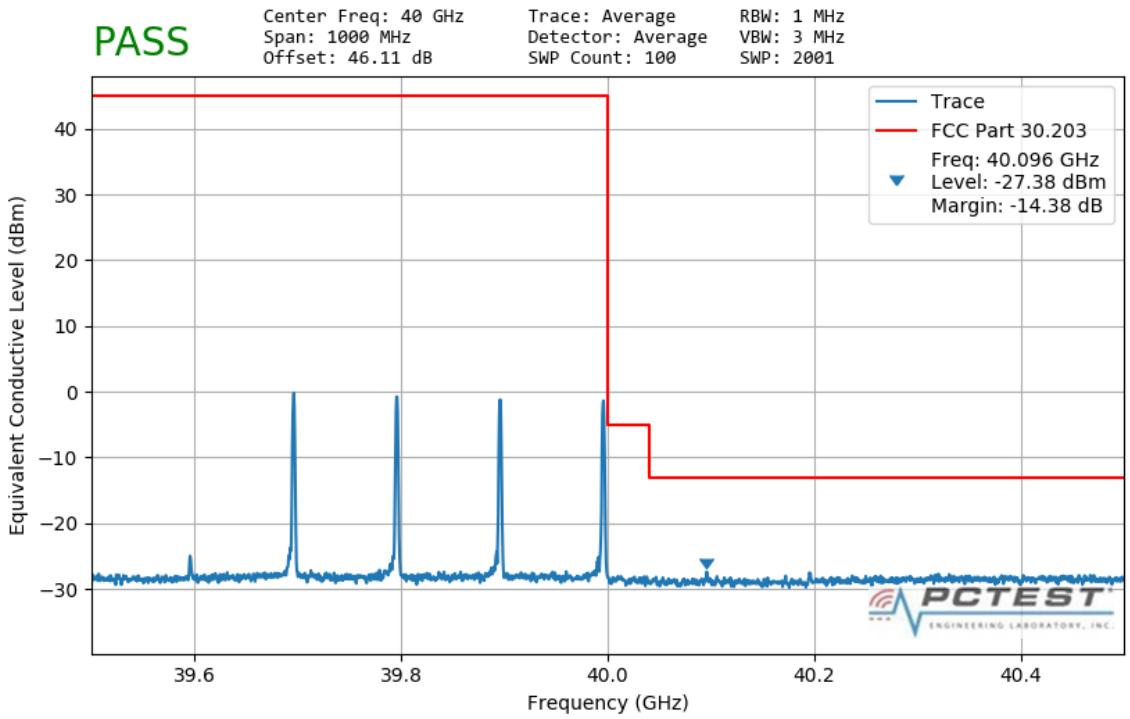
Plot 7-312. Band Edge Plot (4CC 100M QPSK Low Channel – 66 RB 0 offset)



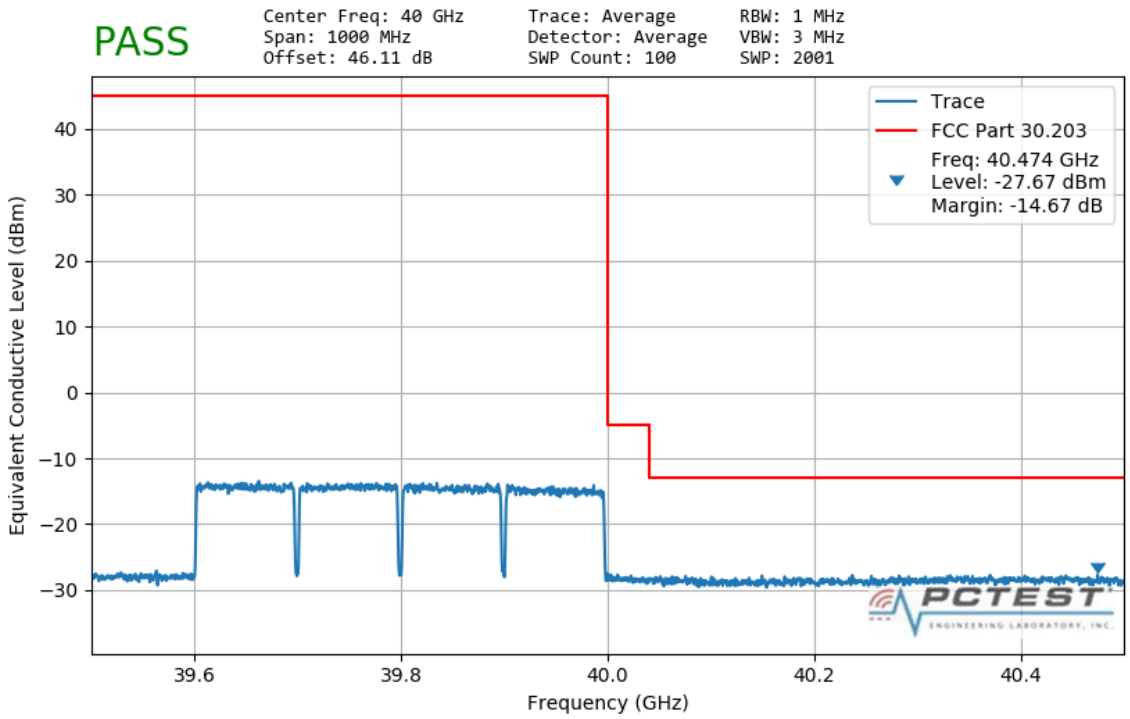
Plot 7-313. Band Edge Plot (4CC 100M QPSK Hi Channel– 1 RB 65 offset)



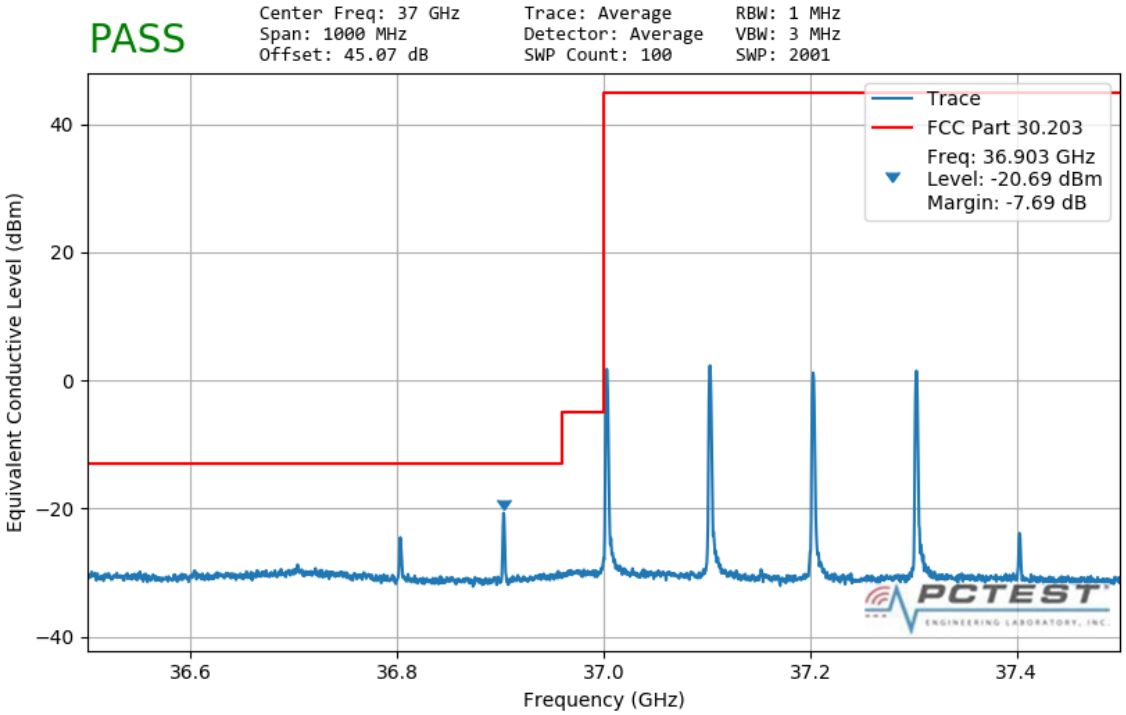
Plot 7-314. Band Edge Plot (4CC 100M 16QAM Hi Channel– 1 RB 65 offset)



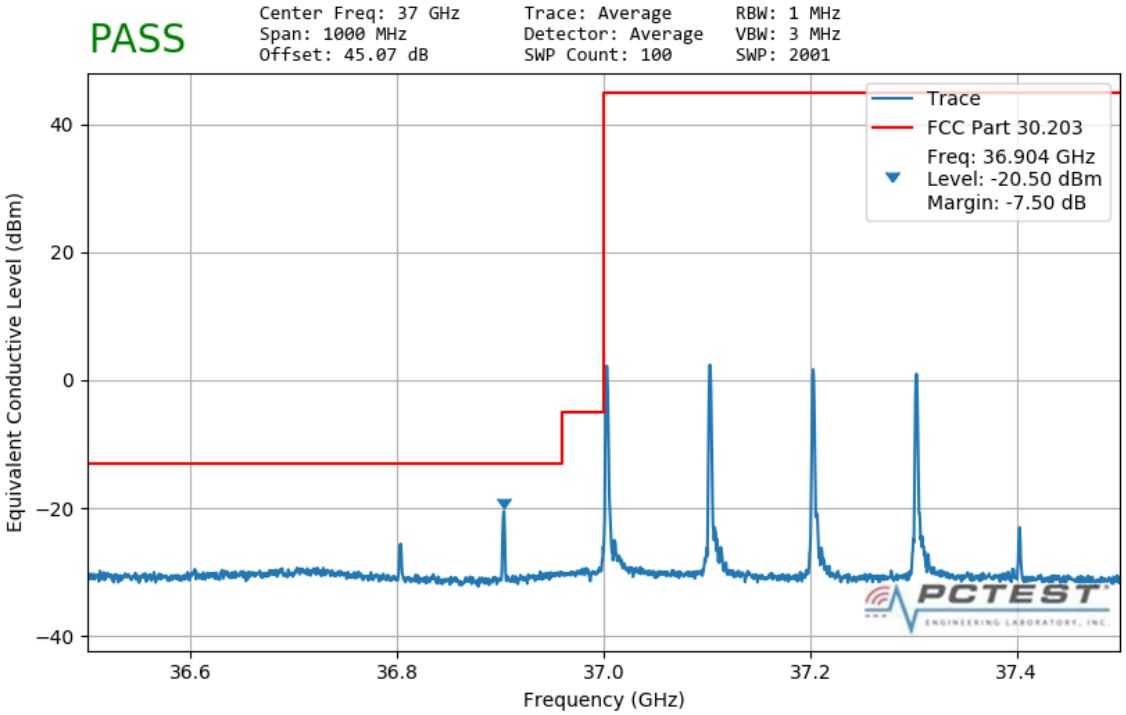
Plot 7-315. Band Edge Plot (4CC 100M 64QAM Hi Channel – 1 RB 65 offset)



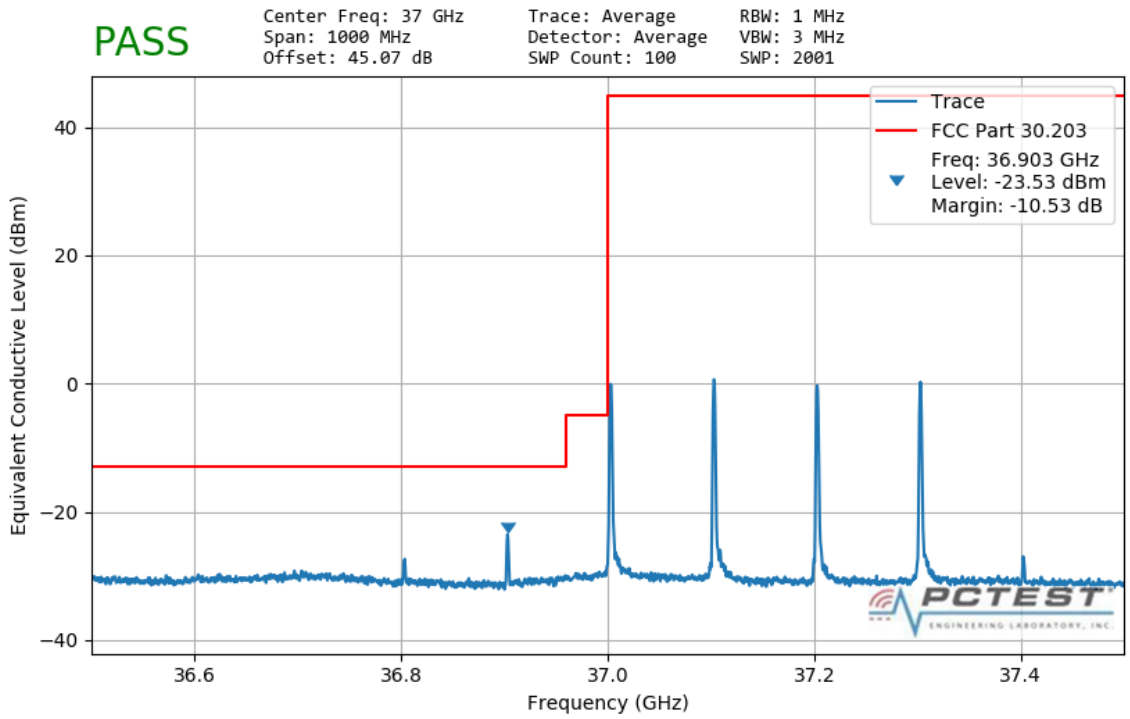
Plot 7-316. Band Edge Plot (4CC 100M QPSK Hi Channel– 66 RB 0 offset)



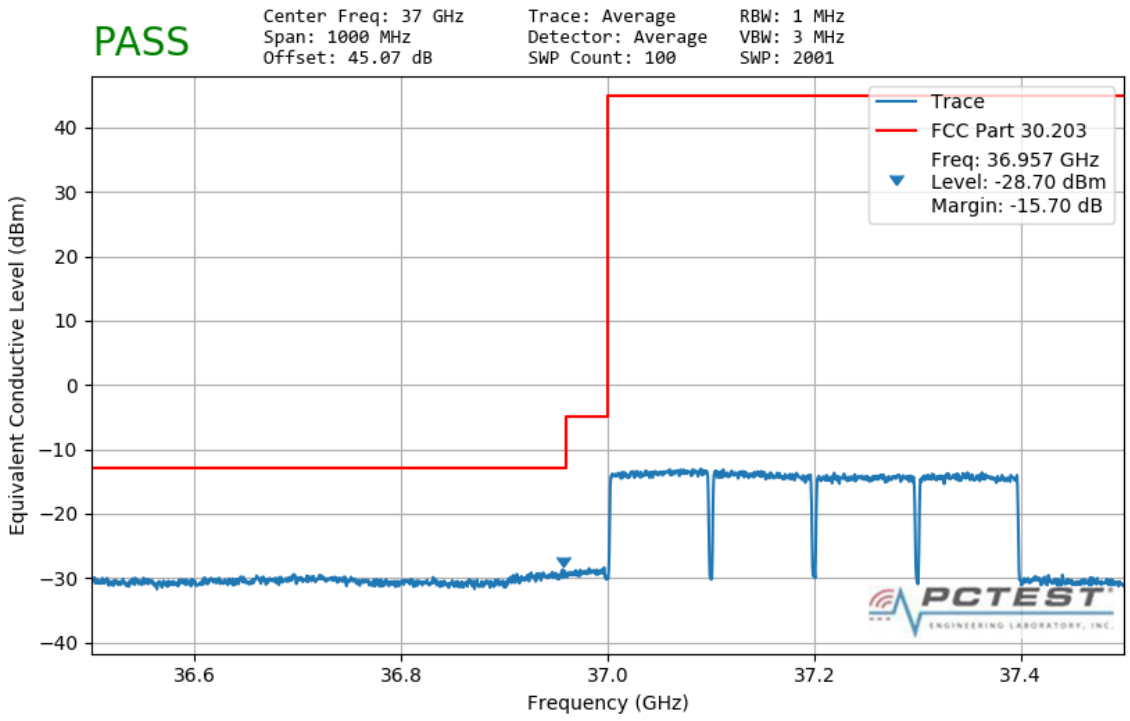
Plot 7-317. Band Edge Plot (4CC 100M QPSK Low Channel – 1 RB 0 offset)



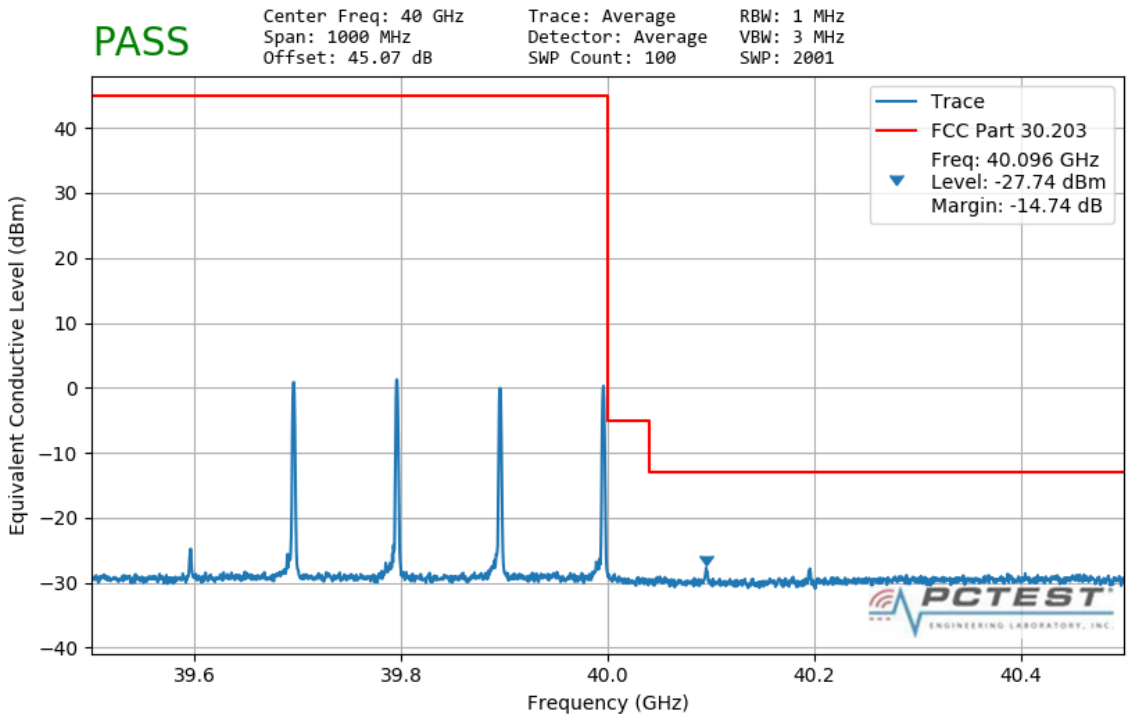
Plot 7-318. Band Edge Plot (4CC 100M 16QAM Low Channel – 1 RB 0 offset)



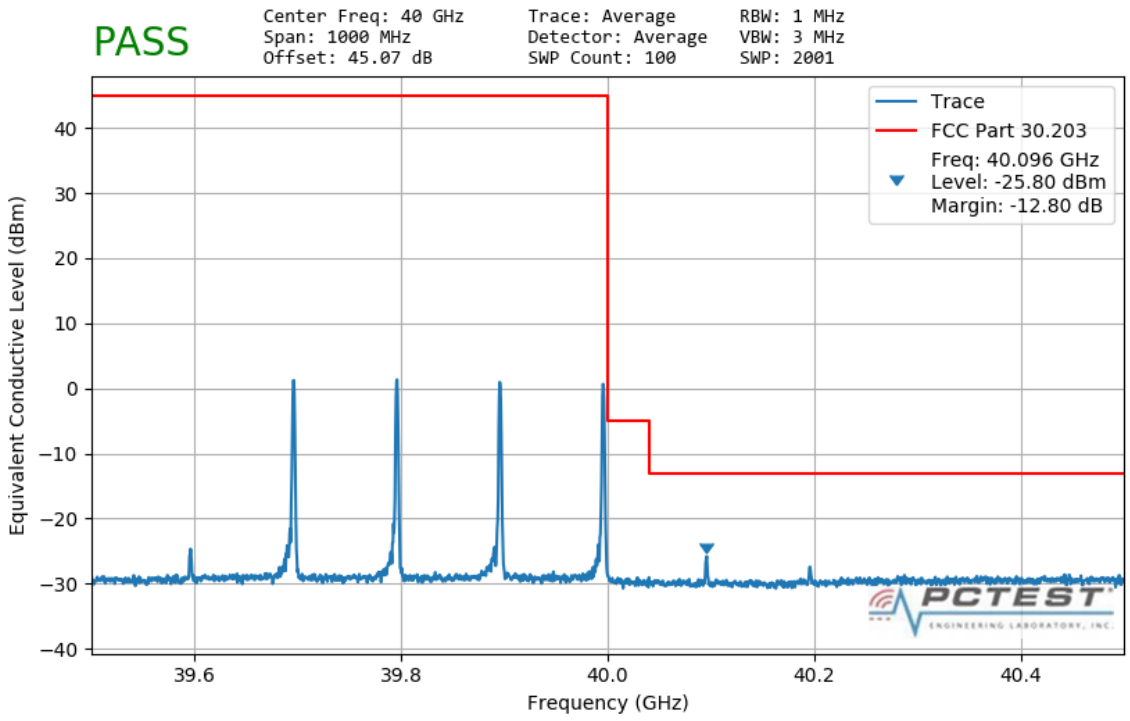
Plot 7-319. Band Edge Plot (4CC 100M 64QAM Low Channel – 1 RB 0 offset)



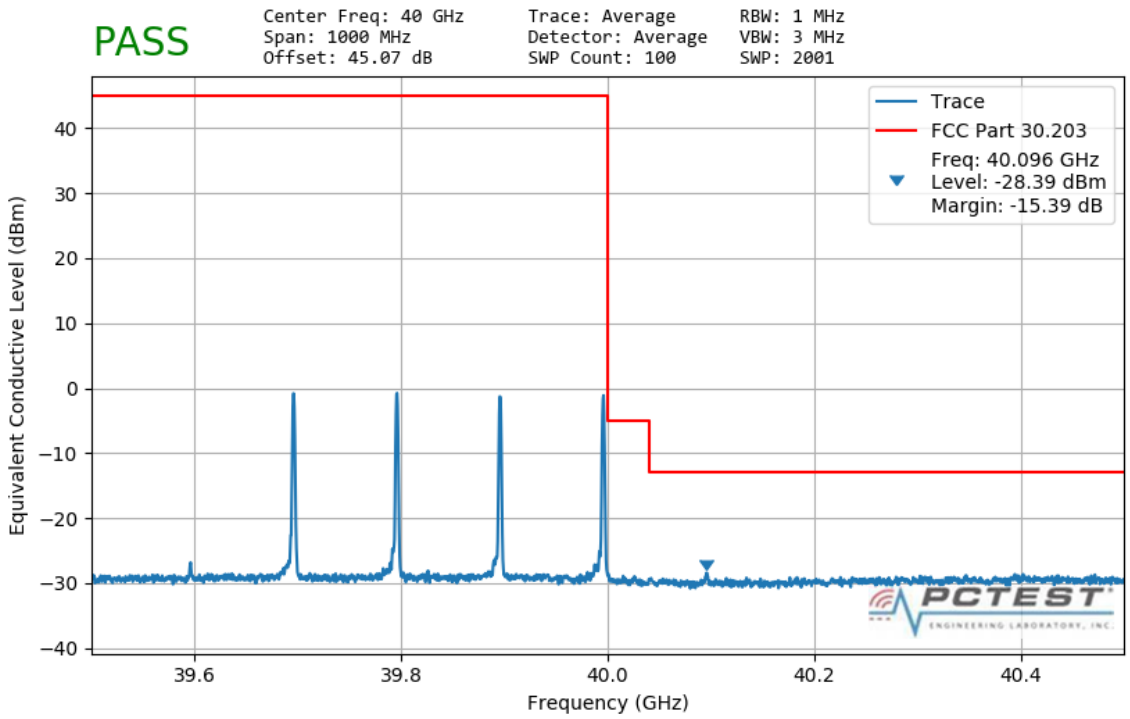
Plot 7-320. Band Edge Plot (4CC 100M QPSK Low Channel – 32 RB 0 offset)



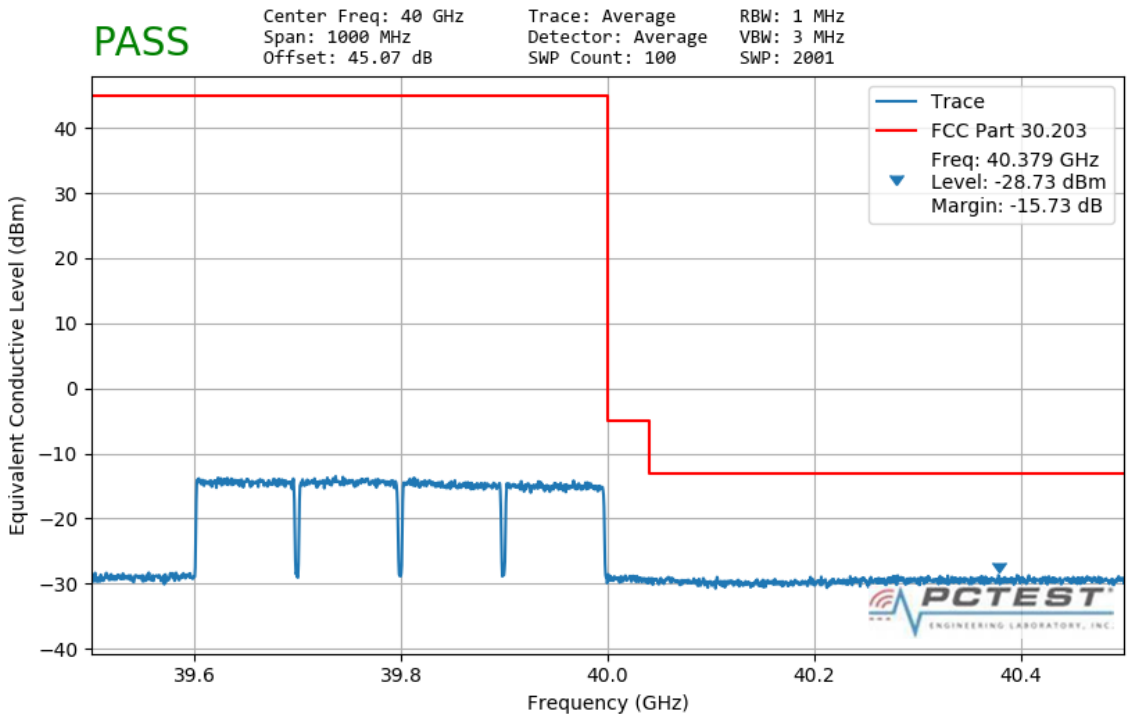
Plot 7-321. Band Edge Plot (4CC 100M QPSK Hi Channel– 1 RB 0 offset)



Plot 7-322. Band Edge Plot (4CC 100M 16QAM Hi Channel– 1 RB 0 offset)



Plot 7-323. Band Edge Plot (4CC 100M 64QAM Hi Channel – 1 RB 0 offset)



Plot 7-324. Band Edge Plot (4CC 100M QPSK Hi Channel– 32 RB 0 offset)

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **LG Portable Handset FCC ID: ZNFV450VM** complies with all the requirements of Part 30.

9.0 APPENDIX A

9.1 Virginia Diodes Mixer Verification Certificate

Virginia Diodes, Inc

Virginia Diodes, Inc.

Certificate of Conformance

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

From: Virginia Diodes, Inc

Packing List No: 181177
Shipping Date: 05/14/18
Today's Date: 05/14/18
PO Number: 180416.DP1R

Attention: Yelena Wedekind
Phone: 410-290-6652

Quantity Shipped	Unit	Description	Order-Job Number
1	EA	VDIWR12.0SAX WR12SAX - Spectrum Analyzer Extension Module / SN: SAX 252	18171A-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

Page 1 of 1

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

Packing List No: 181120 **Today's Date:** 05/08/18
Shipping Date: 05/08/18 **PO Number:** 180416.DP1R

Attn: Yelena Wedekind

Phone: 1-410-290-6652

Quantity Shipped	Unit	Description	Order-Job Number
1	EA	VDIWR8.0SAX WR8.0SAX - Spectrum Analyzer Extension Module; SN: SAX 253.	18171B-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

Page 1 of 1

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

Packing List No: 181247
Shipping Date: 05/21/18
Today's Date: 05/22/18
PO Number: 180416.DP1R

Attn: Yelena Wedekind

Phone: 1-410-290-6652

Quantity Shipped	Unit	Description	Order-Job Number
1	EA	VDIWR5.1SAX WR5.1SAX - Spectrum Analyzer Extension Module; SN: SAX 254.	18171C-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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