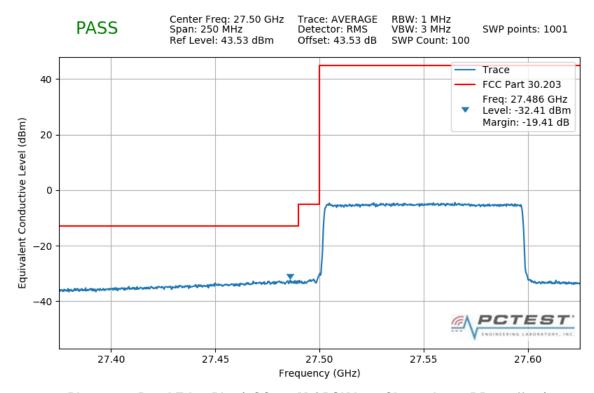


Plot 7-189. Band Edge Plot (1CC 100M 64QAM Low Channel – 1 RB, 0 offset)



Plot 7-190. Band Edge Plot (1CC 100M QPSK Low Channel – 66 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Center Freq: 28.35 GHz Span: 250 MHz Trace: AVERAGE Detector: RMS RBW: 1 MHz VBW: 3 MHz **PASS** SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.350 GHz Level: -23.59 dBm Margin: -18.59 dB Equivalent Conductive Level (dBm) 20 0 -20 -40PCTEST 28.25 28.30 28.35 28.40 28.45 Frequency (GHz)

Plot 7-191. Band Edge Plot (1CC 100M QPSK High Channel – 1 RB, 65 offset)

Center Freq: 28.35 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.350 GHz Level: -23.15 dBm Margin: -18.15 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 28.25 28.30 28.35 28.40 28.45 Frequency (GHz)

Plot 7-192. Band Edge Plot (1CC 100M 16QAM High Channel - 1 RB, 65 offset)

FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 124 of 204
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Center Freq: 28.35 GHz Span: 250 MHz Trace: AVERAGE Detector: RMS RBW: 1 MHz VBW: 3 MHz **PASS** SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.351 GHz Level: -26.12 dBm Margin: -21.12 dB Equivalent Conductive Level (dBm) 20 0 -20 -40PCTEST 28.25 28.30 28.35 28.40 28.45

Plot 7-193. Band Edge Plot (1CC 100M 64QAM High Channel – 1 RB, 65 offset)

Frequency (GHz)

Center Freq: 28.35 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.362 GHz Level: -32.64 dBm Margin: -19.64 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 28.25 28.30 28.35 28.40 28.45 Frequency (GHz)

Plot 7-194. Band Edge Plot (1CC 100M QPSK High Channel - 66 RB, 0 offset)

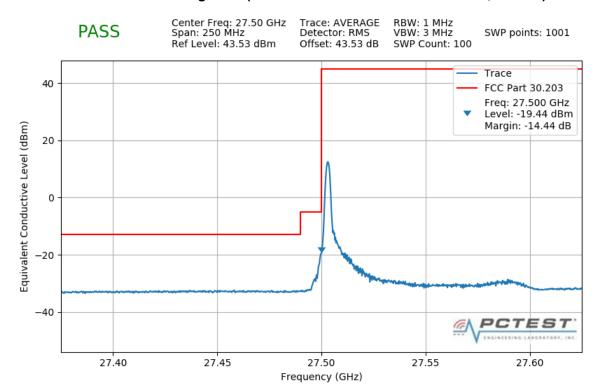
FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 135 of 304
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QTM 0 - H + V

Center Freq: 27.50 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** SWP points: 1001 Detector: RMS Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 27.500 GHz Level: -18.51 dBm Margin: -13.51 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 27.40 27.45 27.50 27.55 27.60 Frequency (GHz)

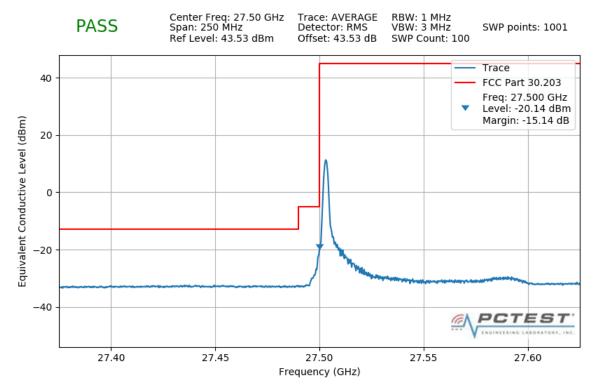
Plot 7-195. Band Edge Plot (1CC 100M QPSK Low Channel - 1 RB, 0 offset)



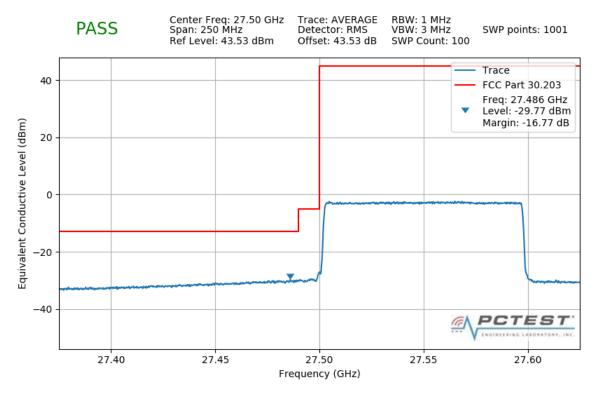
Plot 7-196. Band Edge Plot (1CC 100M 16QAM Low Channel - 1 RB, 0 offset)

FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Plot 7-197. Band Edge Plot (1CC 100M 64QAM Low Channel – 1 RB, 0 offset)



Plot 7-198. Band Edge Plot (1CC 100M QPSK Low Channel - 66 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Center Freq: 28.35 GHz Span: 250 MHz Trace: AVERAGE Detector: RMS RBW: 1 MHz VBW: 3 MHz **PASS** SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.350 GHz Level: -21.74 dBm Margin: -16.74 dB Equivalent Conductive Level (dBm) 20 0 -20 -40PCTEST 28.25 28.30 28.40 28.45

Plot 7-199. Band Edge Plot (1CC 100M QPSK High Channel - 1 RB, 65 offset)

Frequency (GHz)

Center Freq: 28.35 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.350 GHz Level: -21.33 dBm Margin: -16.33 dB Equivalent Conductive Level (dBm) 20 0 -20 -40PCTEST 28.25 28.30 28.35 28.40 28.45 Frequency (GHz)

Plot 7-200. Band Edge Plot (1CC 100M 16QAM High Channel - 1 RB, 65 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Center Freq: 28.35 GHz Span: 250 MHz Trace: AVERAGE Detector: RMS RBW: 1 MHz VBW: 3 MHz **PASS** SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.365 GHz Level: -31.76 dBm Margin: -18.76 dB Equivalent Conductive Level (dBm) 20 0 -20 -40PCTEST 28.25 28.30 28.35 28.40 28.45 Frequency (GHz)

Plot 7-201. Band Edge Plot (1CC 100M 64QAM High Channel - 1 RB, 65 offset)

Center Freq: 28.35 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.362 GHz Level: -30.34 dBm Margin: -17.34 dB Equivalent Conductive Level (dBm) 20 0 -20 -40PCTEST 28.25 28.30 28.35 28.40 28.45 Frequency (GHz)

Plot 7-202. Band Edge Plot (1CC 100M QPSK High Channel - 66 RB, 0 offset)

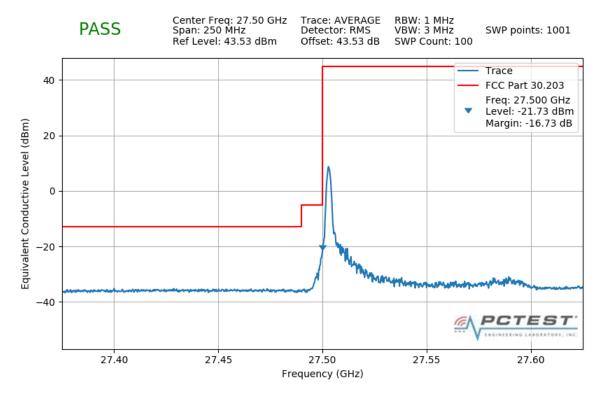
FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 120 of 204
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QTM 1 - H

RBW: 1 MHz VBW: 3 MHz Center Freq: 27.50 GHz Span: 250 MHz Trace: AVERAGE **PASS** SWP points: 1001 Detector: RMS Ref Level: 43.53 dBm SWP Count: 100 Offset: 43.53 dB Trace 40 FCC Part 30.203 Freq: 27.500 GHz Level: -24.14 dBm Margin: -19.14 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 27.40 27.45 27.50 27.55 27.60 Frequency (GHz)

Plot 7-203. Band Edge Plot (1CC 100M QPSK Low Channel – 1 RB, 0 offset)



Plot 7-204. Band Edge Plot (1CC 100M 16QAM Low Channel – 1 RB, 0 offset)

FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Center Freq: 27.50 GHz Span: 250 MHz Trace: AVERAGE Detector: RMS RBW: 1 MHz VBW: 3 MHz **PASS** SWP points: 1001 Offset: 43.53 dB Ref Level: 43.53 dBm SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 27.500 GHz Level: -22.73 dBm Margin: -17.73 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 27.40 27.45 27.50 27.55 27.60

Plot 7-205. Band Edge Plot (1CC 100M 64QAM Low Channel - 1 RB, 0 offset)

Frequency (GHz)

Center Freq: 27.50 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 27.489 GHz Level: -33.35 dBm Margin: -20.35 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 27.40 27.45 27.50 27.55 27.60 Frequency (GHz)

Plot 7-206. Band Edge Plot (1CC 100M QPSK Low Channel – 66 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Center Freq: 28.35 GHz Span: 250 MHz Trace: AVERAGE Detector: RMS RBW: 1 MHz VBW: 3 MHz **PASS** SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.382 GHz Level: -34.45 dBm Margin: -21.45 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 28.25 28.30 28.35 28.40 28.45

Plot 7-207. Band Edge Plot (1CC 100M QPSK High Channel - 1 RB, 65 offset)

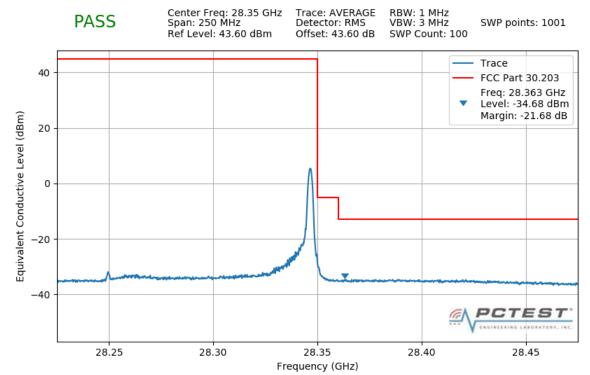
Frequency (GHz)

Center Freq: 28.35 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.351 GHz Level: -25.98 dBm Margin: -20.98 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 28.25 28.30 28.35 28.40 28.45 Frequency (GHz)

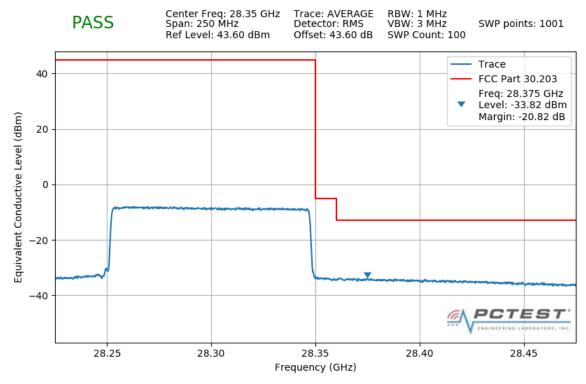
Plot 7-208. Band Edge Plot (1CC 100M 16QAM High Channel - 1 RB, 65 offset)

FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Plot 7-209. Band Edge Plot (1CC 100M 64QAM High Channel – 1 RB, 65 offset)

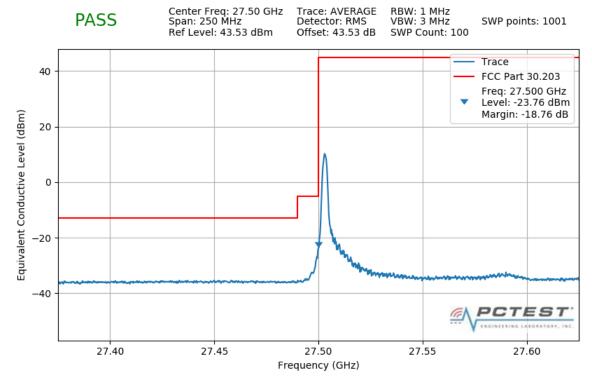


Plot 7-210. Band Edge Plot (1CC 100M QPSK High Channel – 66 RB, 0 offset)

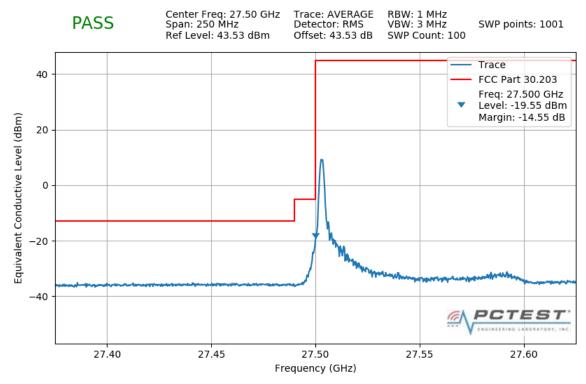
FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 142 of 204
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QTM 1 - V



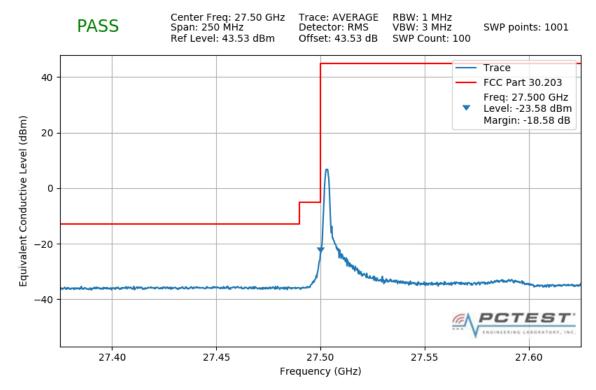
Plot 7-211. Band Edge Plot (1CC 100M QPSK Low Channel – 1 RB, 0 offset)



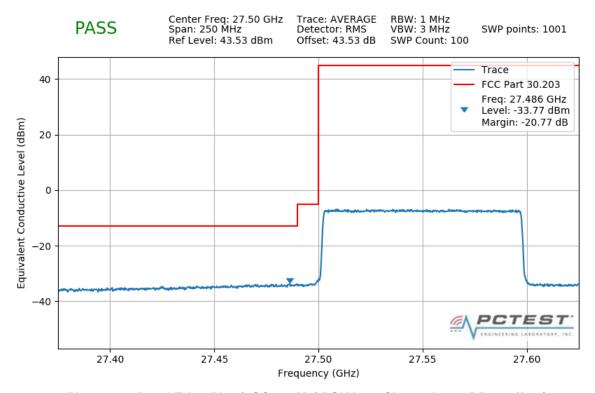
Plot 7-212. Band Edge Plot (1CC 100M 16QAM Low Channel - 1 RB, 0 offset)

FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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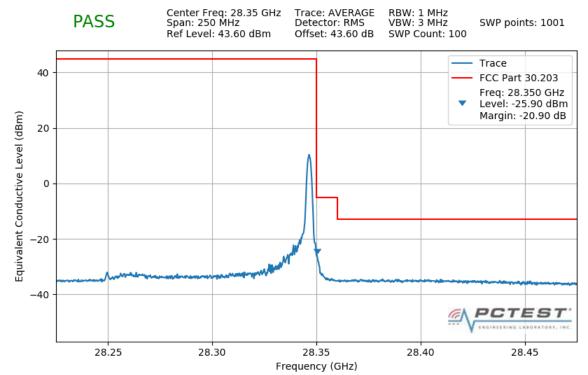
Plot 7-213. Band Edge Plot (1CC 100M 64QAM Low Channel – 1 RB, 0 offset)



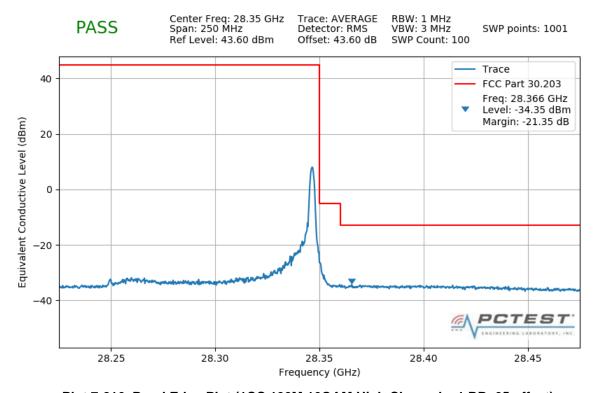
Plot 7-214. Band Edge Plot (1CC 100M QPSK Low Channel – 66 RB, 0 offset)

FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-215. Band Edge Plot (1CC 100M QPSK High Channel – 1 RB, 65 offset)



Plot 7-216. Band Edge Plot (1CC 100M 16QAM High Channel - 1 RB, 65 offset)

FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 146 of 204
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Center Freq: 28.35 GHz Span: 250 MHz Trace: AVERAGE Detector: RMS RBW: 1 MHz VBW: 3 MHz **PASS** SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.367 GHz Level: -34.34 dBm Margin: -21.34 dB Equivalent Conductive Level (dBm) 20 0 -20 -4028.25 28.30 28.35 28.40 28.45 Frequency (GHz)

Plot 7-217. Band Edge Plot (1CC 100M 64QAM High Channel – 1 RB, 65 offset)

Center Freq: 28.35 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.371 GHz Level: -33.62 dBm Margin: -20.62 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 28.25 28.35 28.30 28.40 28.45 Frequency (GHz)

Plot 7-218. Band Edge Plot (1CC 100M QPSK High Channel - 66 RB, 0 offset)

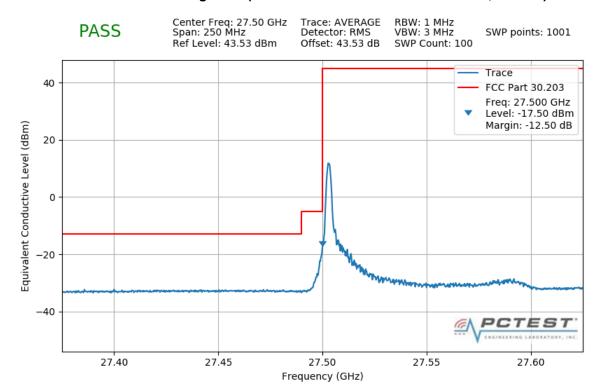
FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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QTM 1 - H + V

Center Freq: 27.50 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** SWP points: 1001 Detector: RMS Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 27.500 GHz Level: -20.93 dBm Margin: -15.93 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 27.40 27.45 27.50 27.55 27.60 Frequency (GHz)

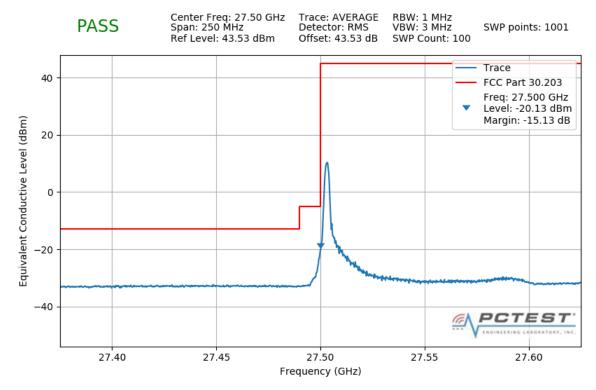
Plot 7-219. Band Edge Plot (1CC 100M QPSK Low Channel - 1 RB, 0 offset)



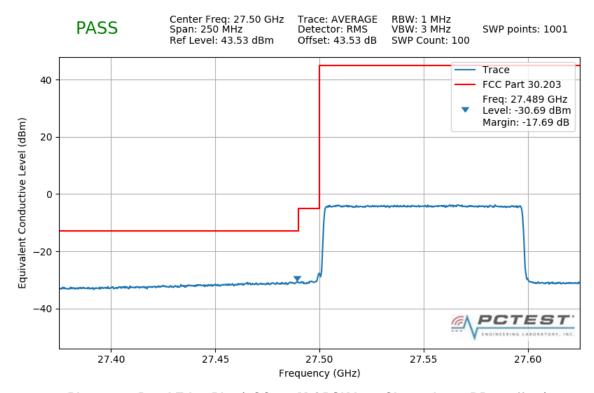
Plot 7-220. Band Edge Plot (1CC 100M 16QAM Low Channel - 1 RB, 0 offset)

FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-221. Band Edge Plot (1CC 100M 64QAM Low Channel – 1 RB, 0 offset)



Plot 7-222. Band Edge Plot (1CC 100M QPSK Low Channel – 66 RB, 0 offset)

FCC ID: ZNFV450VM	PETEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Center Freq: 28.35 GHz Span: 250 MHz Trace: AVERAGE Detector: RMS RBW: 1 MHz VBW: 3 MHz **PASS** SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.382 GHz Level: -31.46 dBm Margin: -18.46 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 28.25 28.30 28.35 28.40 28.45 Frequency (GHz)

Plot 7-223. Band Edge Plot (1CC 100M QPSK High Channel - 1 RB, 65 offset)

Center Freq: 28.35 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.351 GHz Level: -23.29 dBm Margin: -18.29 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 28.25 28.35 28.30 28.40 28.45 Frequency (GHz)

Plot 7-224. Band Edge Plot (1CC 100M 16QAM High Channel - 1 RB, 65 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Center Freq: 28.35 GHz Span: 250 MHz Trace: AVERAGE Detector: RMS RBW: 1 MHz VBW: 3 MHz **PASS** SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.367 GHz Level: -31.72 dBm Margin: -18.72 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 28.25 28.30 28.35 28.40 28.45

Plot 7-225. Band Edge Plot (1CC 100M 64QAM High Channel – 1 RB, 65 offset)

Frequency (GHz)

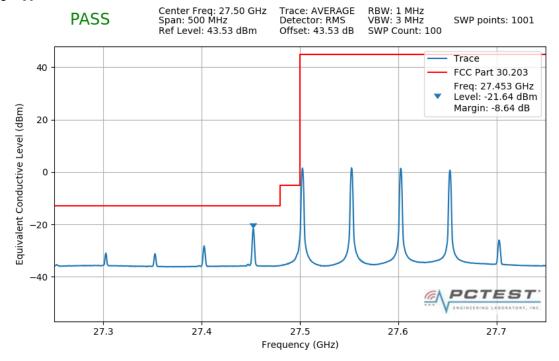
Center Freq: 28.35 GHz Span: 250 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.60 dBm Offset: 43.60 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 28.371 GHz Level: -30.78 dBm Margin: -17.78 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 28.25 28.30 28.35 28.40 28.45 Frequency (GHz)

Plot 7-226. Band Edge Plot (1CC 100M QPSK High Channel - 66 RB, 0 offset)

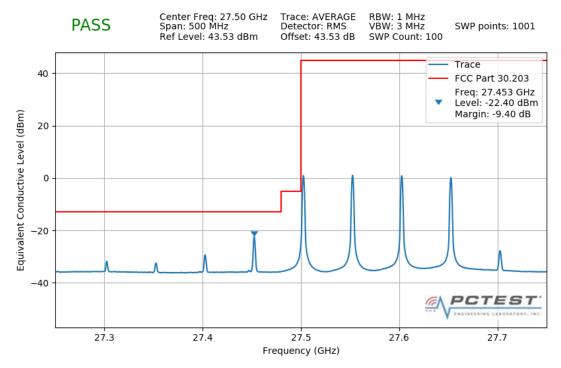
FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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7.5.4 N261 1CC 200MHz Bandwidth Band Edges QTM 0 - H



Plot 7-227. and Edge Plot (4CC 50M QPSK Low Channel – 1 RB, 0 offset)



Plot 7-228. Band Edge Plot (4CC 50M 16QAM Low Channel – 1 RB, 0 offset)

FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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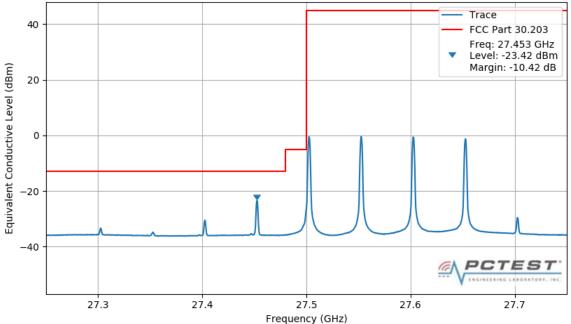


PASS

Center Freq: 27.50 GHz
Span: 500 MHz
Ref Level: 43.53 dBm

Center Freq: 27.50 GHz
Detector: RMS
Offset: 43.53 dB

Comparison of the comparison of the



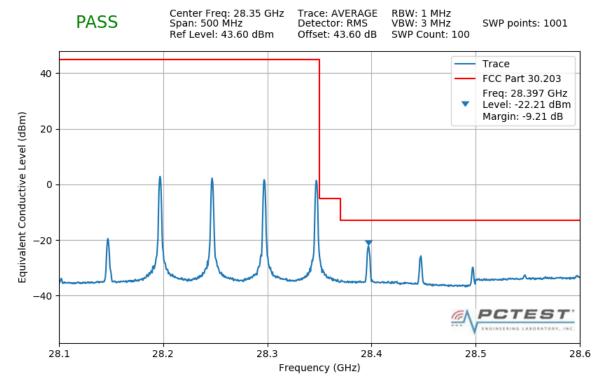
Plot 7-229. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB, 0 offset)



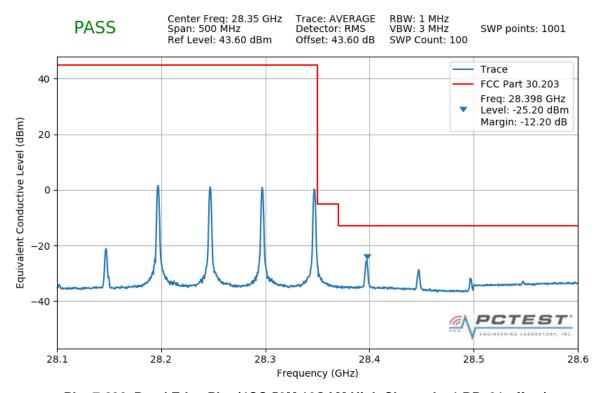
Plot 7-230. Band Edge Plot (4CC 50M QPSK Low Channel – 32 RB, 0 offset)

FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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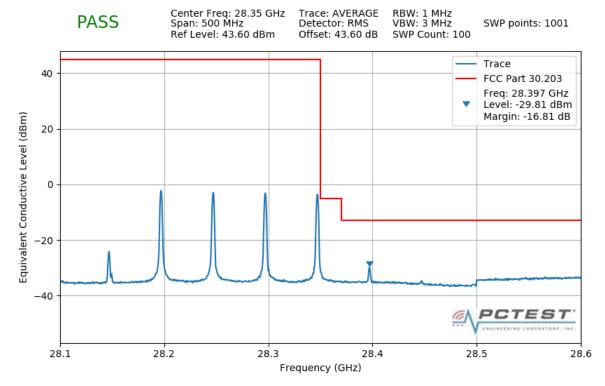
Plot 7-231. Band Edge Plot (4CC 50M QPSK High Channel - 1 RB, 31 offset)



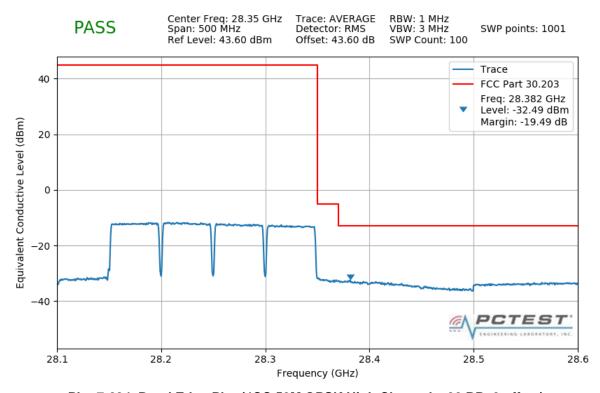
Plot 7-232. Band Edge Plot (4CC 50M 16QAM High Channel – 1 RB, 31 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Plot 7-233. Band Edge Plot (4CC 50M 64QAM High Channel - 1 RB, 31 offset)

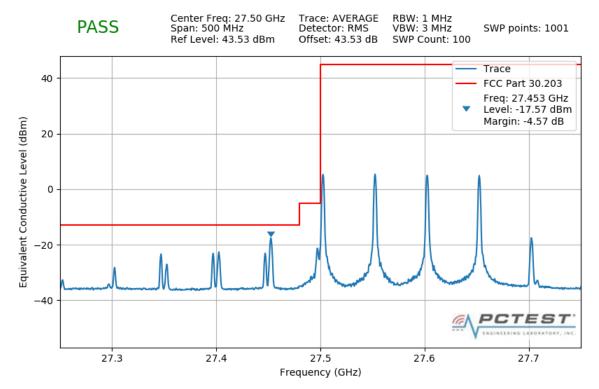


Plot 7-234. Band Edge Plot (4CC 50M QPSK High Channel - 32 RB, 0 offset)

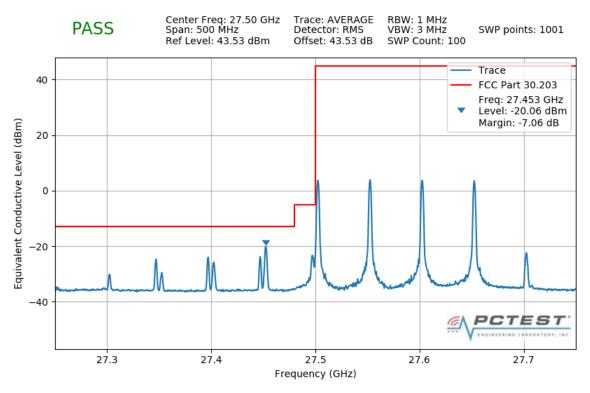
FCC ID: ZNFV450VM	PCTEST*	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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QTM 0 - V



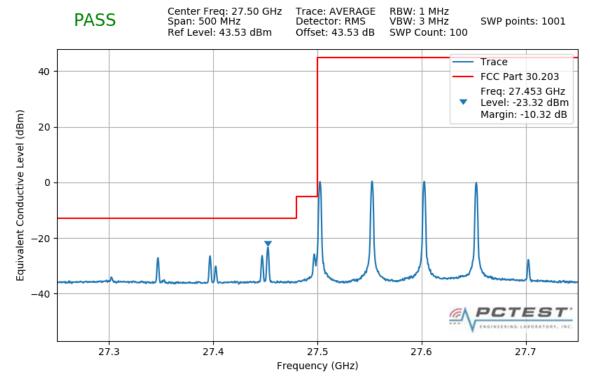
Plot 7-235. Band Edge Plot (4CC 50M QPSK Low Channel - 1 RB, 0 offset)



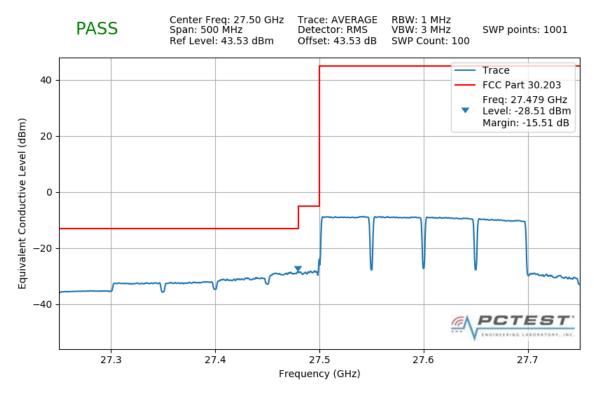
Plot 7-236. Band Edge Plot (4CC 50M 16QAM Low Channel – 1 RB, 0 offset)

FCC ID: ZNFV450VM	PETEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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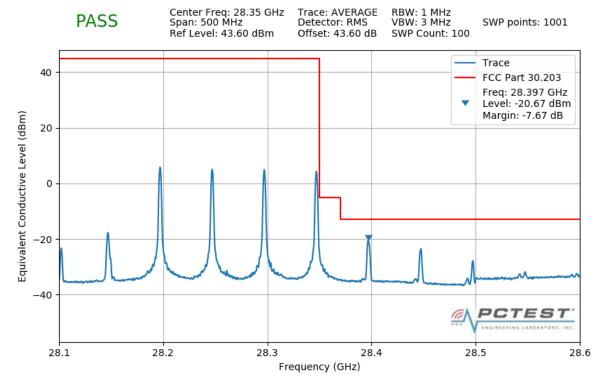
Plot 7-237. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB, 0 offset)



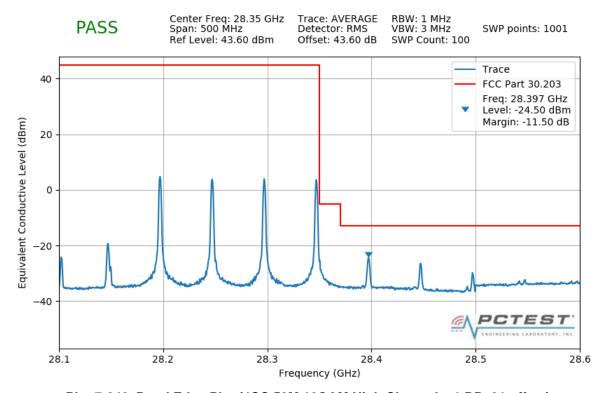
Plot 7-238. Band Edge Plot (4CC 50M QPSK Low Channel – 32 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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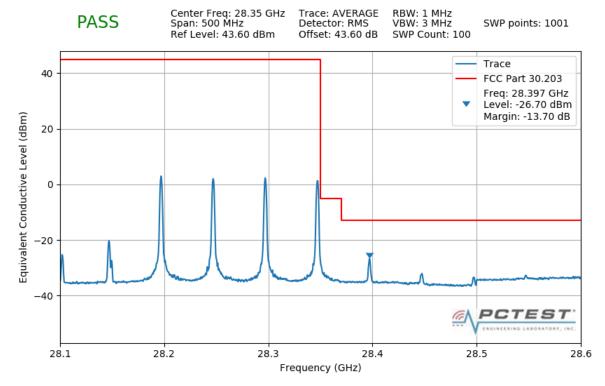
Plot 7-239. Band Edge Plot (4CC 50M QPSK High Channel - 1 RB, 31 offset)



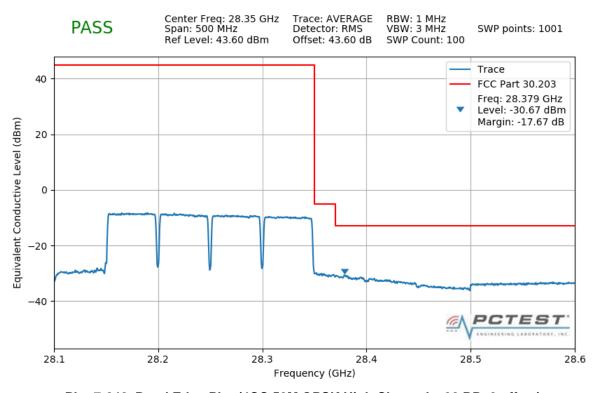
Plot 7-240. Band Edge Plot (4CC 50M 16QAM High Channel - 1 RB, 31 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Plot 7-241. Band Edge Plot (4CC 50M 64QAM High Channel - 1 RB, 31 offset)



Plot 7-242. Band Edge Plot (4CC 50M QPSK High Channel - 32 RB, 0 offset)

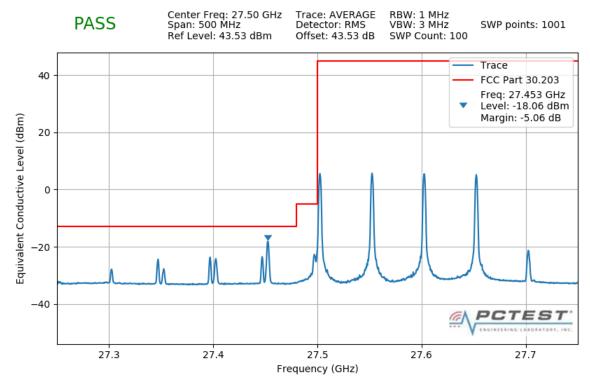
FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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QTM 0 - H + V

Center Freq: 27.50 GHz Span: 500 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** SWP points: 1001 Detector: RMS Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 27.453 GHz Level: -16.13 dBm Margin: -3.13 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 27.3 27.4 27.6 27.7 27.5 Frequency (GHz)

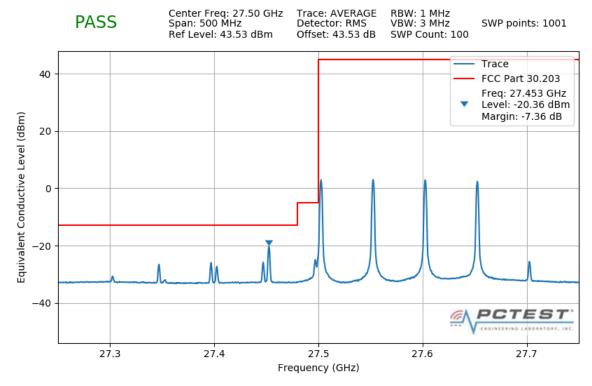
Plot 7-243. Band Edge Plot (4CC 50M QPSK Low Channel - 1 RB, 0 offset)



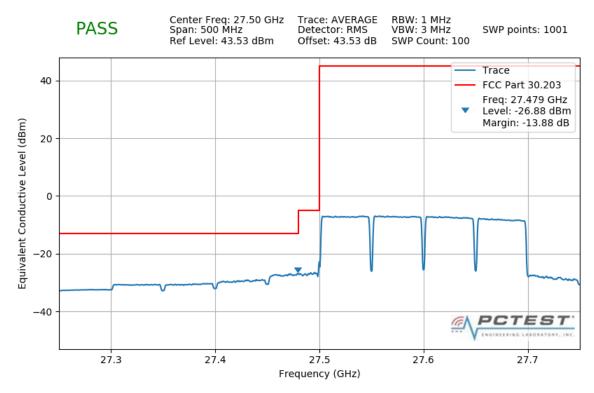
Plot 7-244. Band Edge Plot (4CC 50M 16QAM Low Channel – 1 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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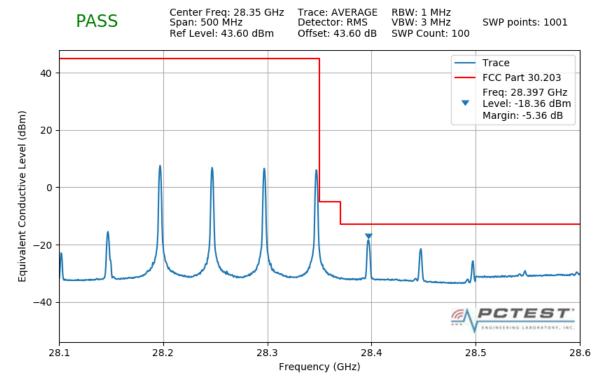
Plot 7-245. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB, 0 offset)



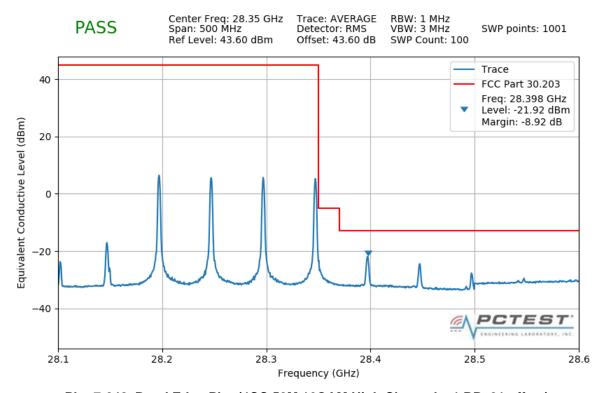
Plot 7-246. Band Edge Plot (4CC 50M QPSK Low Channel – 32 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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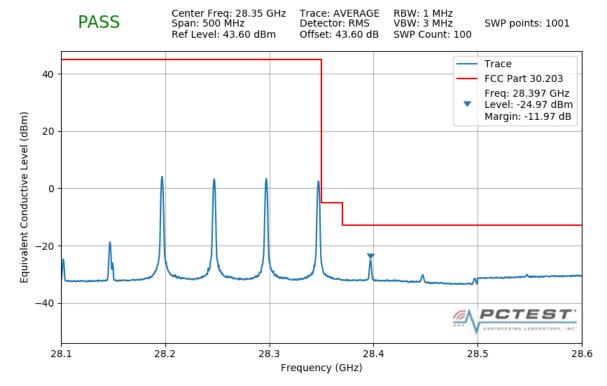
Plot 7-247. Band Edge Plot (4CC 50M QPSK High Channel – 1 RB, 31 offset)



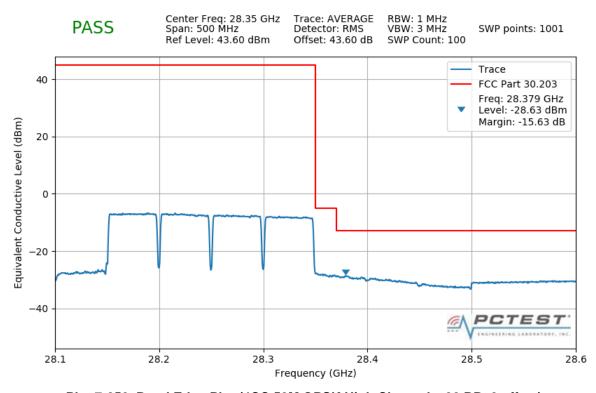
Plot 7-248. Band Edge Plot (4CC 50M 16QAM High Channel - 1 RB, 31 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Plot 7-249. Band Edge Plot (4CC 50M 64QAM High Channel - 1 RB, 31 offset)



Plot 7-250. Band Edge Plot (4CC 50M QPSK High Channel - 32 RB, 0 offset)

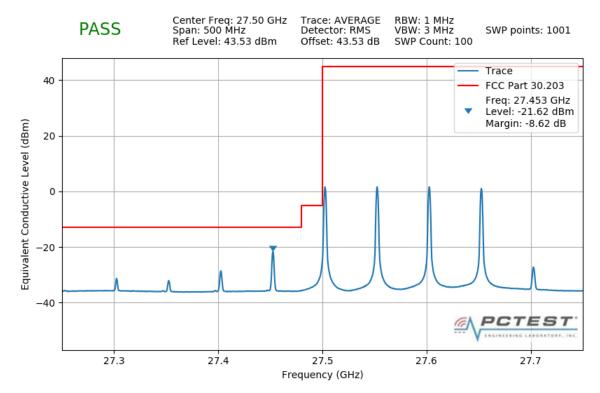
FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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QTM 1 - H

RBW: 1 MHz VBW: 3 MHz Center Freq: 27.50 GHz Span: 500 MHz Trace: AVERAGE **PASS** SWP points: 1001 Detector: RMS SWP Count: 100 Ref Level: 43.53 dBm Offset: 43.53 dB Trace 40 FCC Part 30.203 Freq: 27.453 GHz Level: -20.93 dBm Margin: -7.93 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 27.3 27.6 27.7 27.4 27.5 Frequency (GHz)

Plot 7-251. Band Edge Plot (4CC 50M QPSK Low Channel – 1 RB, 0 offset)



Plot 7-252. Band Edge Plot (4CC 50M 16QAM Low Channel – 1 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Center Freq: 27.50 GHz Span: 500 MHz RBW: 1 MHz VBW: 3 MHz **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 27.453 GHz Level: -23.60 dBm Margin: -10.60 dB Equivalent Conductive Level (dBm) 20 0 -20 -40PCTEST

Trace: AVERAGE

Plot 7-253. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB, 0 offset)

Frequency (GHz)

27.6

27.7

27.4

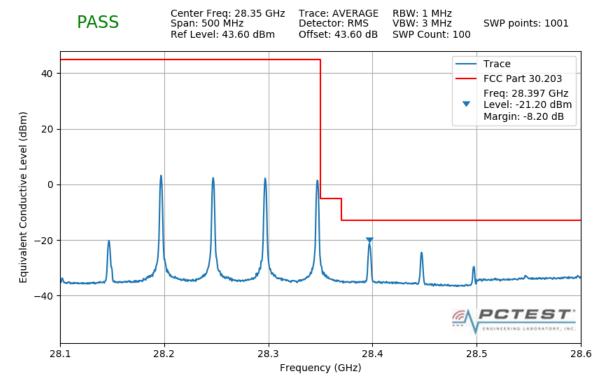
Center Freq: 27.50 GHz Span: 500 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** Detector: RMS SWP points: 1001 Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 27.479 GHz Level: -31.42 dBm Margin: -18.42 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 27.3 27.4 27.5 27.7 27.6 Frequency (GHz)

Plot 7-254. Band Edge Plot (4CC 50M QPSK Low Channel – 32 RB, 0 offset)

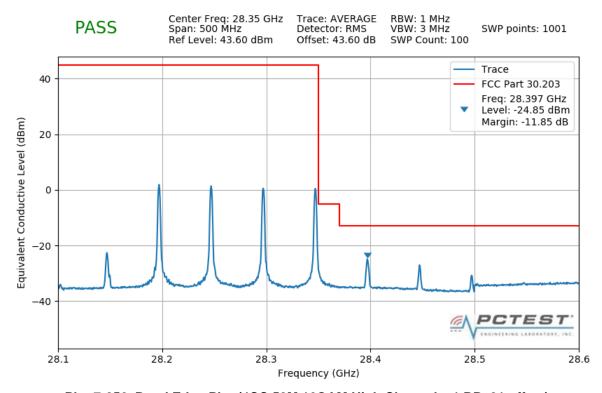
FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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27.3





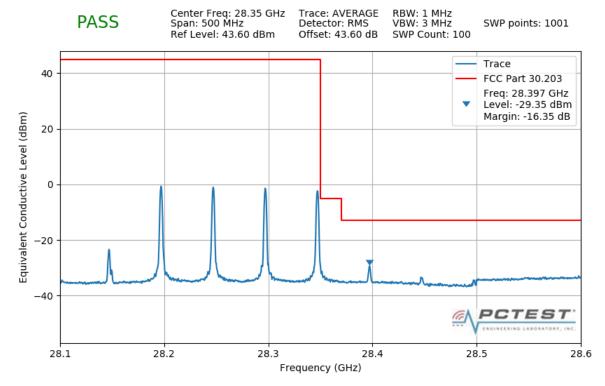
Plot 7-255. Band Edge Plot (4CC 50M QPSK High Channel - 1 RB, 31 offset)



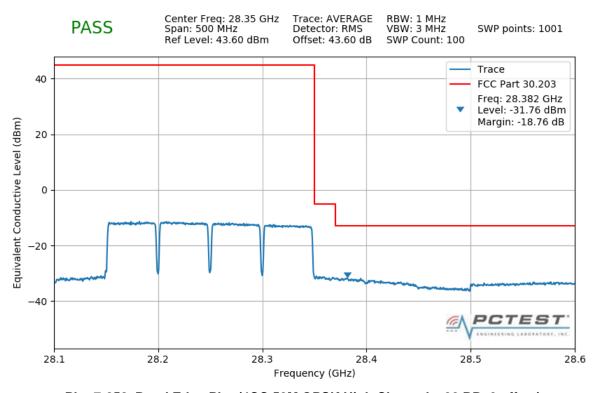
Plot 7-256. Band Edge Plot (4CC 50M 16QAM High Channel – 1 RB, 31 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Plot 7-257. Band Edge Plot (4CC 50M 64QAM High Channel - 1 RB, 31 offset)

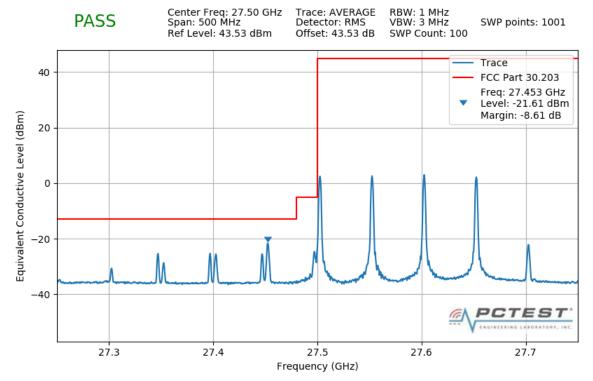


Plot 7-258. Band Edge Plot (4CC 50M QPSK High Channel - 32 RB, 0 offset)

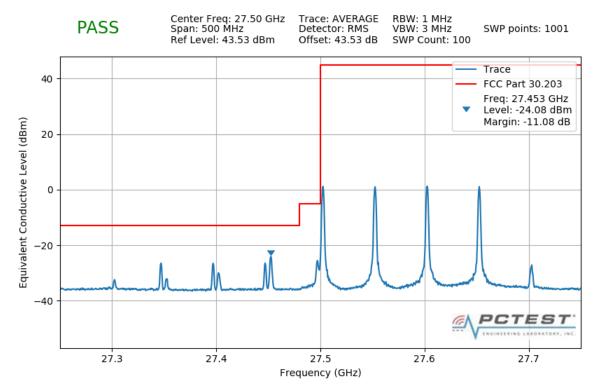
FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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QTM 1 - V



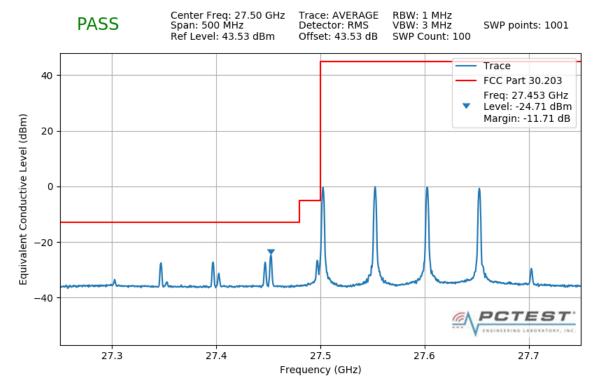
Plot 7-259. Band Edge Plot (4CC 50M QPSK Low Channel - 1 RB, 0 offset)



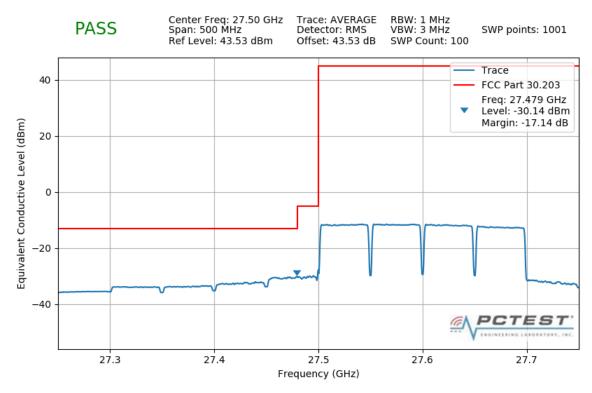
Plot 7-260. Band Edge Plot (4CC 50M 16QAM Low Channel – 1 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST*	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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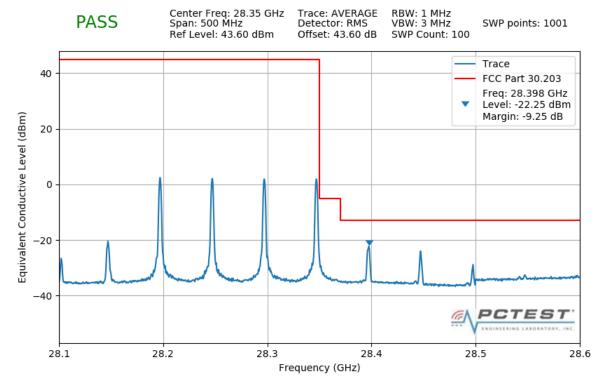
Plot 7-261. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB, 0 offset)



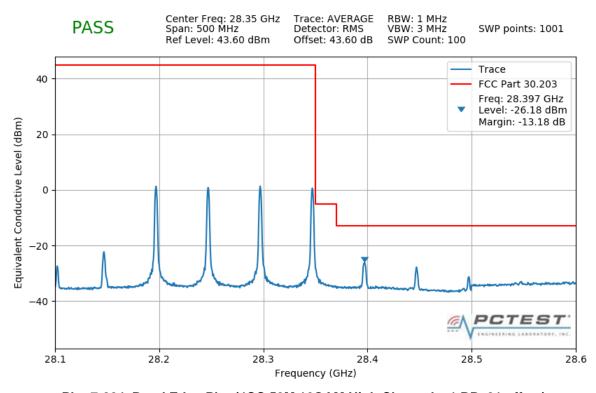
Plot 7-262. Band Edge Plot (4CC 50M QPSK Low Channel – 32 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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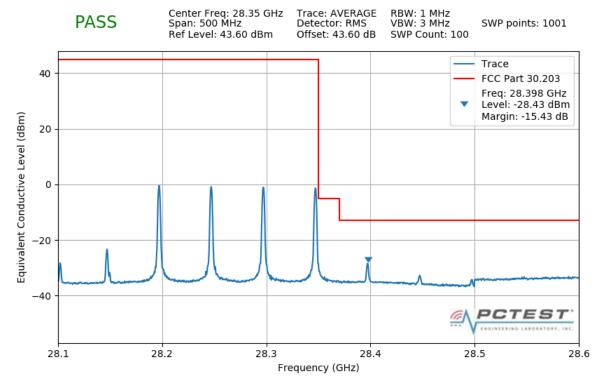
Plot 7-263. Band Edge Plot (4CC 50M QPSK High Channel - 1 RB, 31 offset)



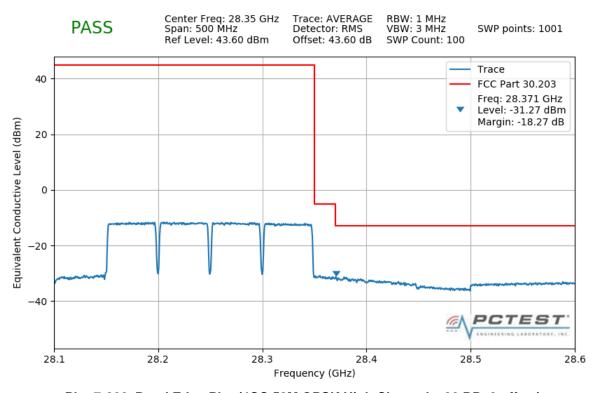
Plot 7-264. Band Edge Plot (4CC 50M 16QAM High Channel - 1 RB, 31 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Plot 7-265. Band Edge Plot (4CC 50M 64QAM High Channel - 1 RB, 31 offset)



Plot 7-266. Band Edge Plot (4CC 50M QPSK High Channel - 32 RB, 0 offset)

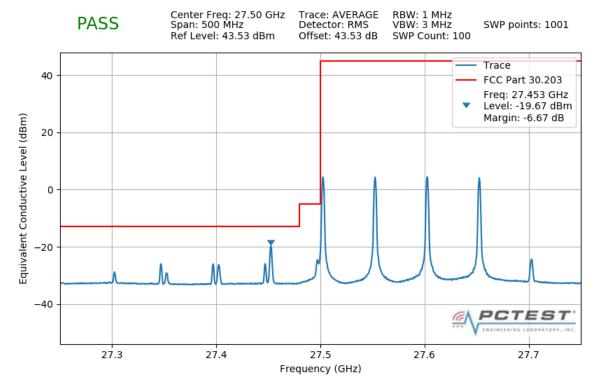
FCC ID: ZNFV450VM	PETEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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QTM 1 - H + V

Center Freq: 27.50 GHz Span: 500 MHz RBW: 1 MHz VBW: 3 MHz Trace: AVERAGE **PASS** SWP points: 1001 Detector: RMS Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100 Trace 40 FCC Part 30.203 Freq: 27.453 GHz Level: -18.24 dBm Margin: -5.24 dB Equivalent Conductive Level (dBm) 20 0 -20 -40 PCTEST 27.3 27.4 27.6 27.7 27.5 Frequency (GHz)

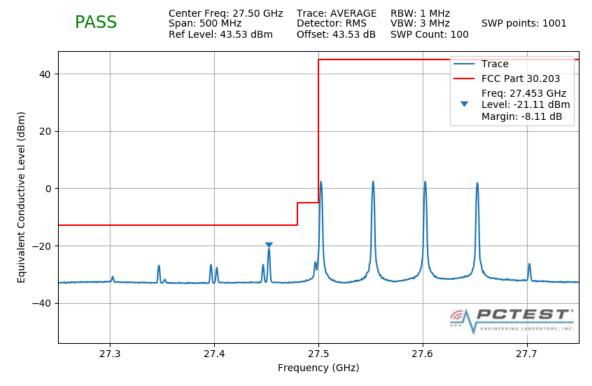
Plot 7-267. Band Edge Plot (4CC 50M QPSK Low Channel - 1 RB, 0 offset)



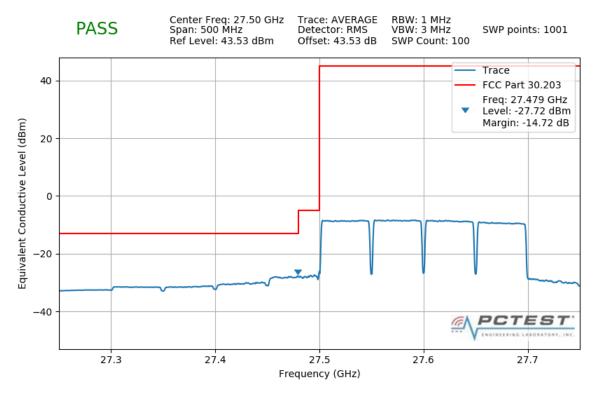
Plot 7-268. Band Edge Plot (4CC 50M 16QAM Low Channel – 1 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST*	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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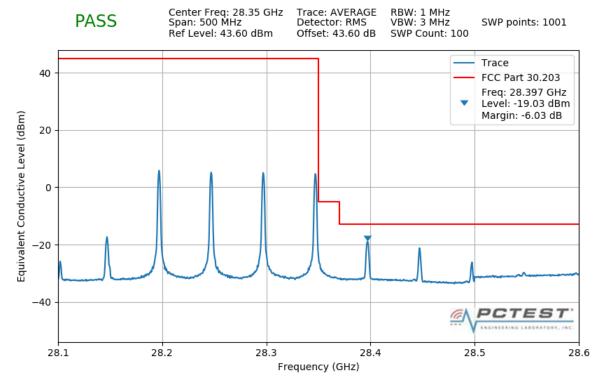
Plot 7-269. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB, 0 offset)



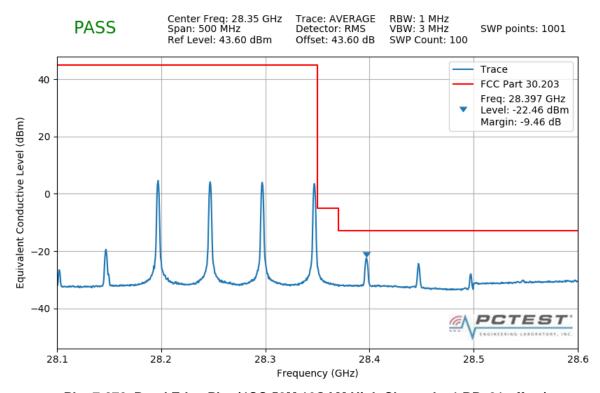
Plot 7-270. Band Edge Plot (4CC 50M QPSK Low Channel – 32 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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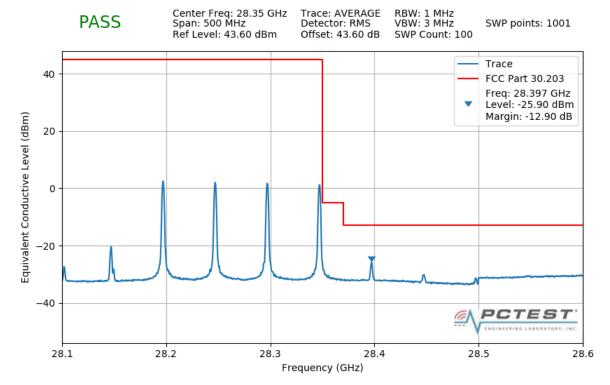
Plot 7-271. Band Edge Plot (4CC 50M QPSK High Channel - 1 RB, 31 offset)



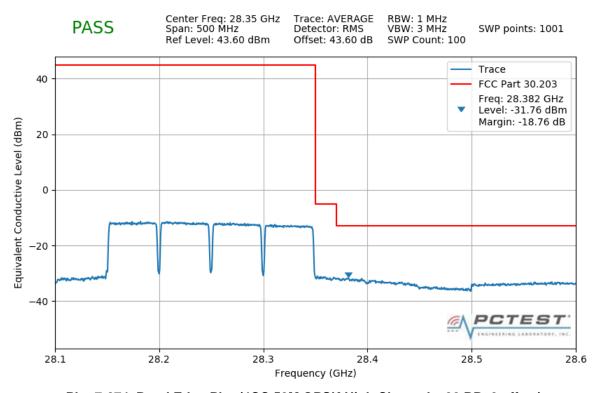
Plot 7-272. Band Edge Plot (4CC 50M 16QAM High Channel - 1 RB, 31 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION) LG	Approved by: Quality Manager
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Plot 7-273. Band Edge Plot (4CC 50M 64QAM High Channel - 1 RB, 31 offset)



Plot 7-274. Band Edge Plot (4CC 50M QPSK High Channel - 32 RB, 0 offset)

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