

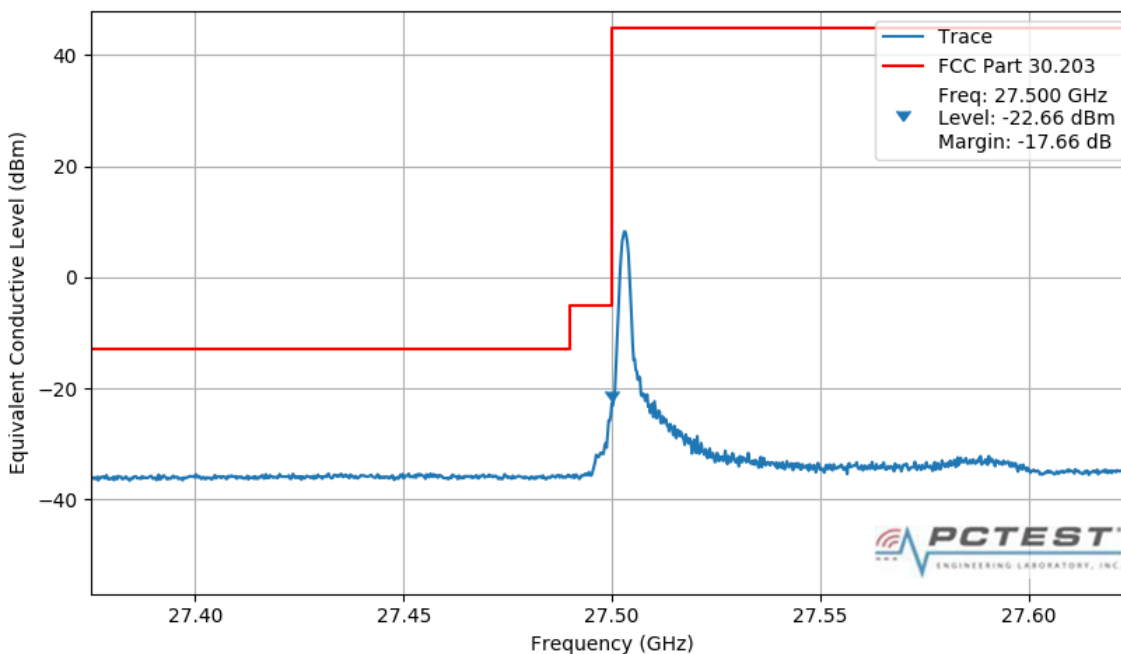
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

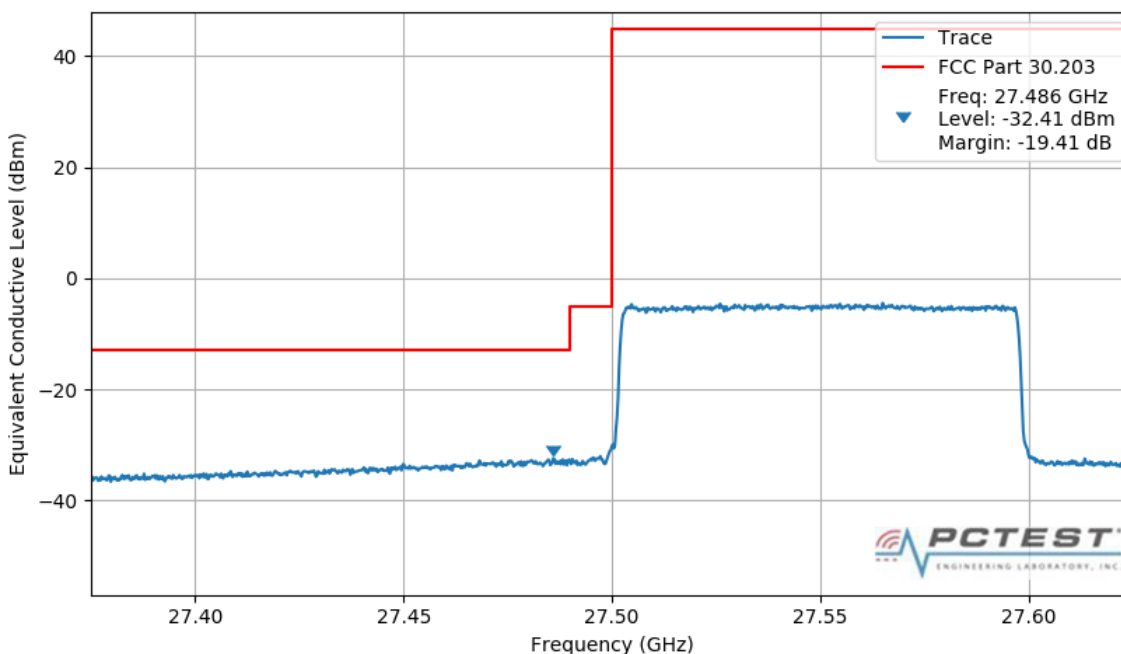
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 133 of 304

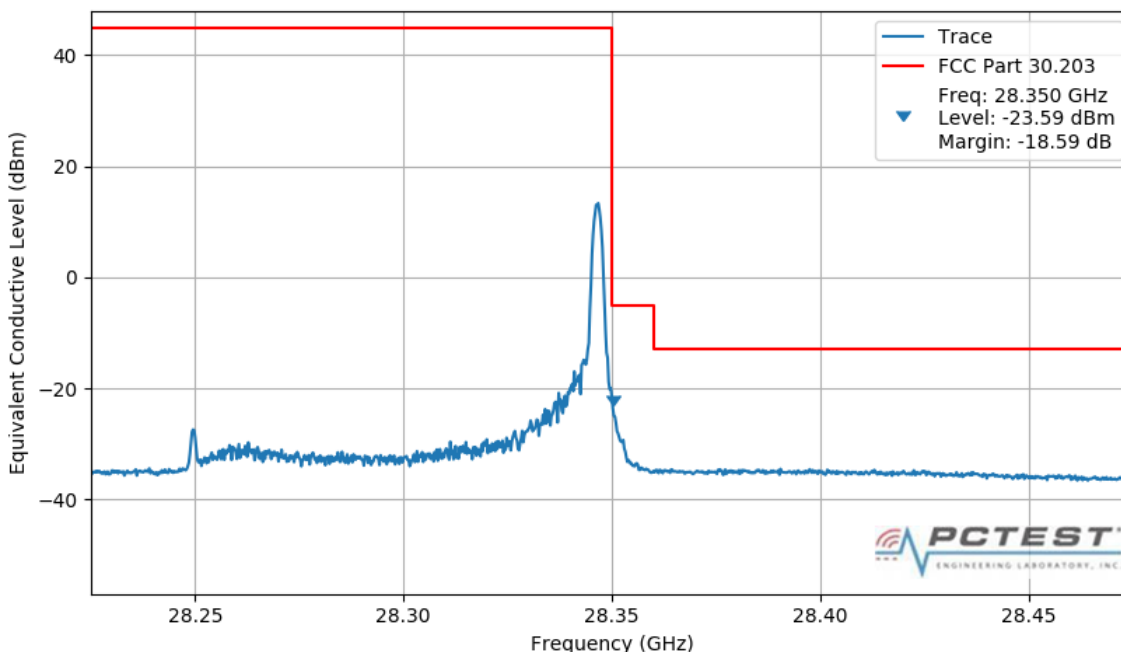
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

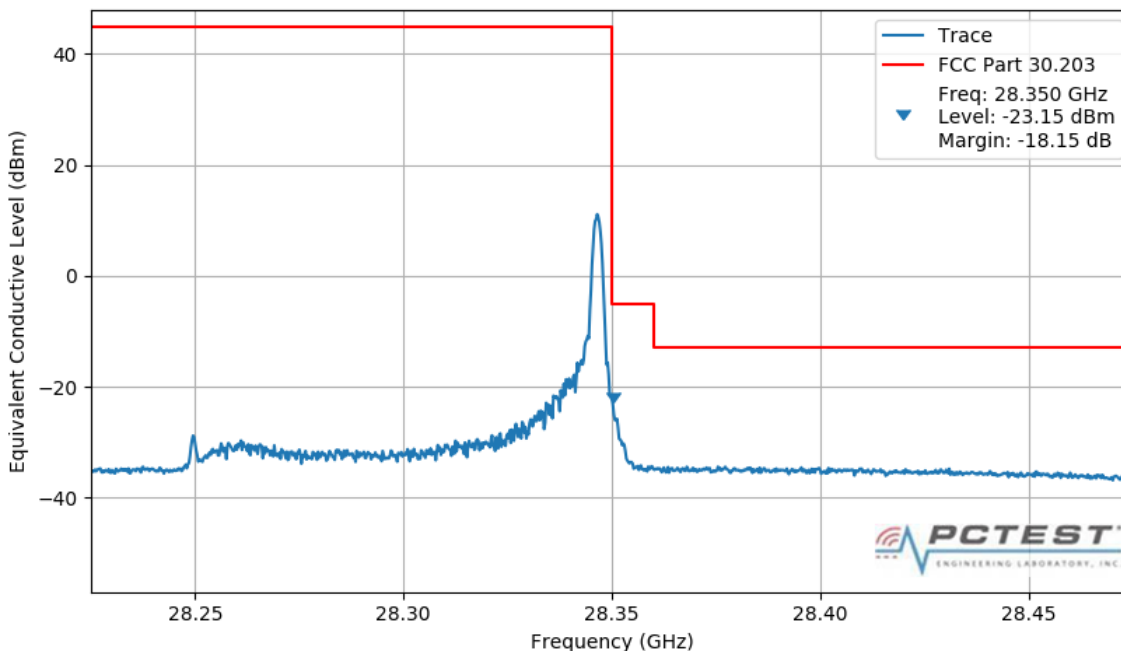
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-192. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 134 of 304

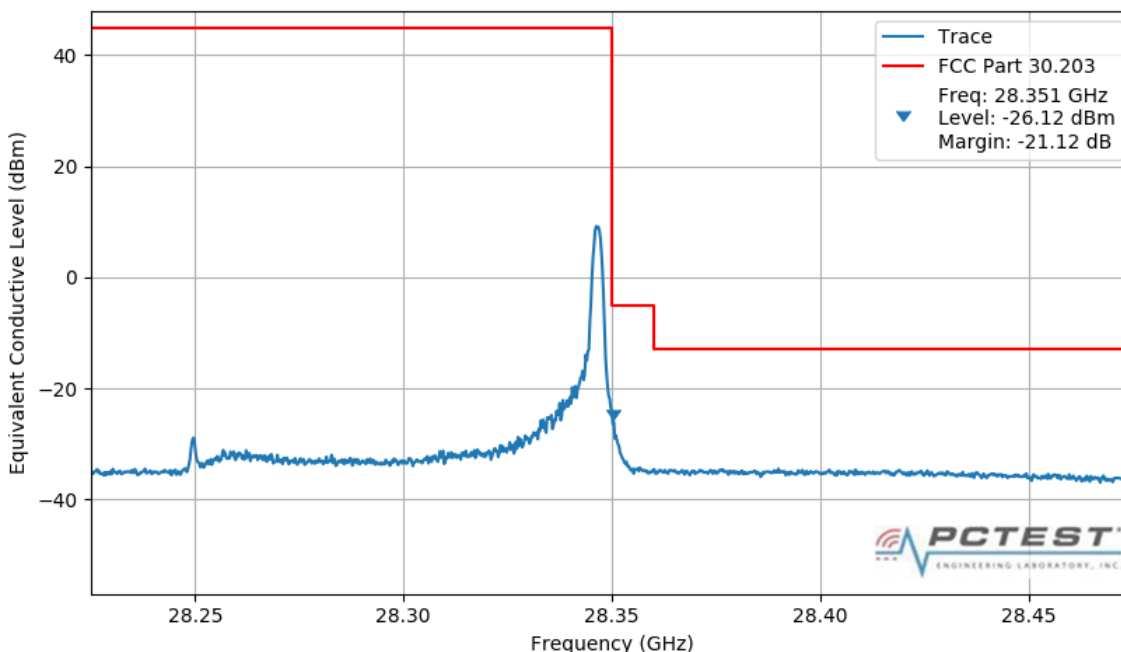
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

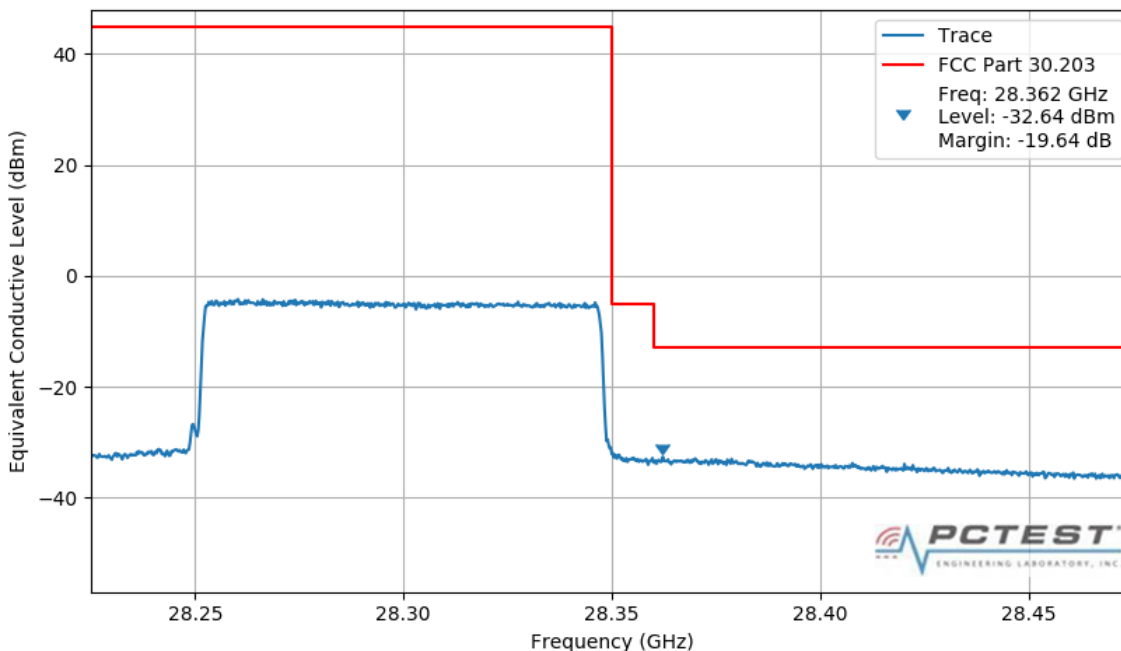
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



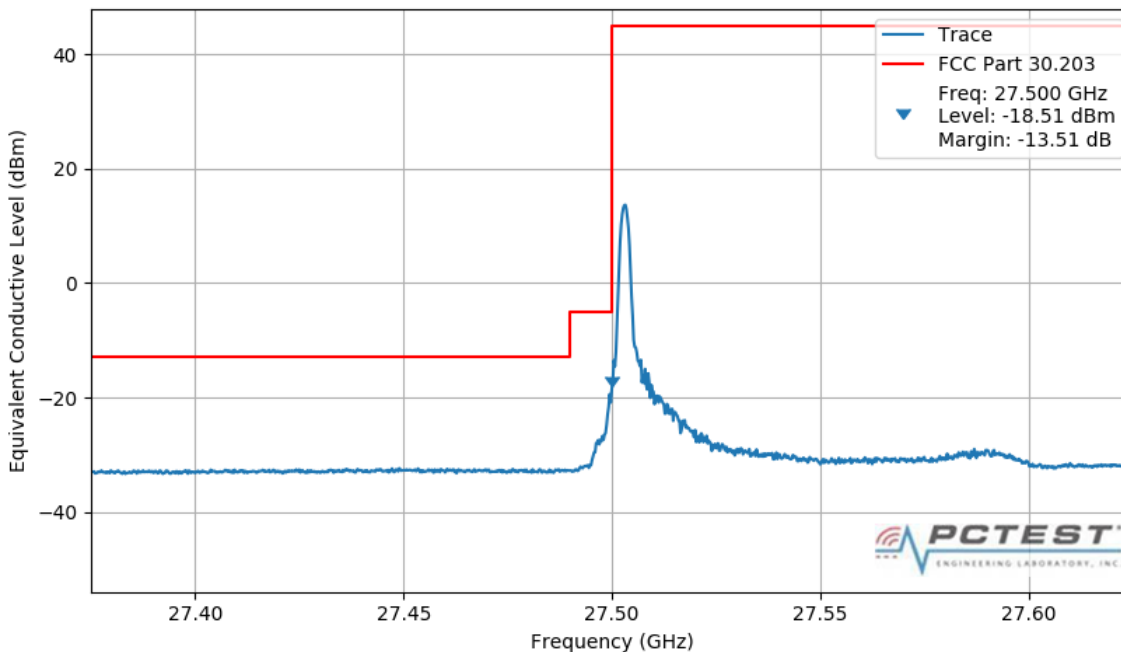
Plot 7-194. Band Edge Plot (1CC 100M QPSK High Channel – 66 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 135 of 304

QTM 0 - H + V

PASS

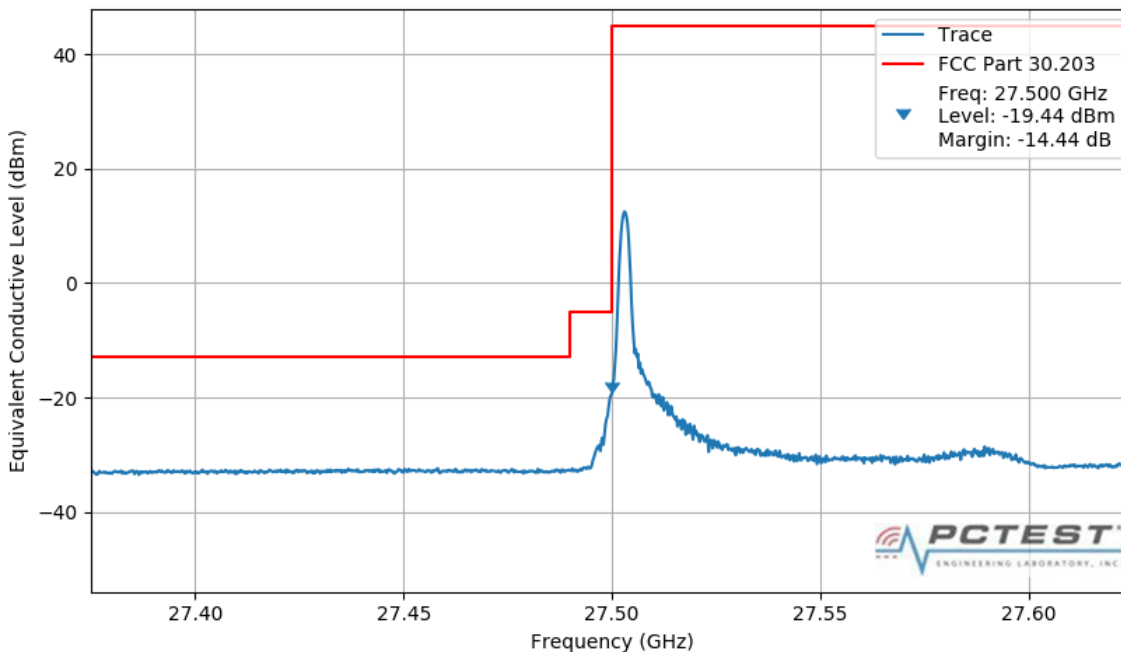
Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 250 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



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

PASS

Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 250 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



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

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 136 of 304

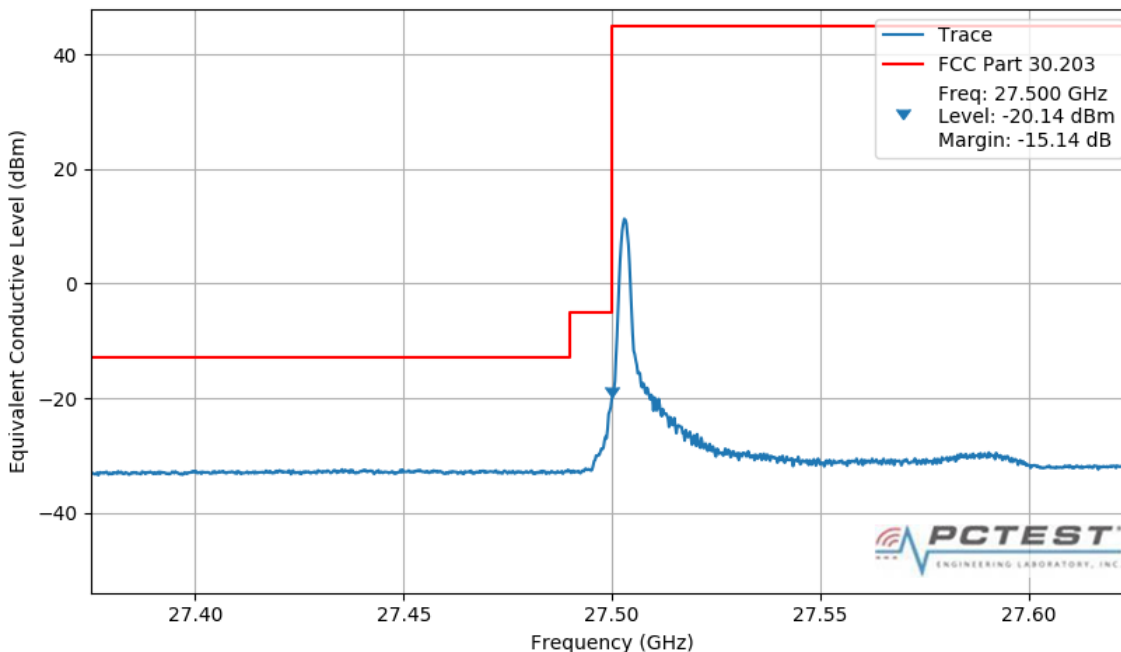
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-197. Band Edge Plot (1CC 100M 64QAM Low Channel – 1 RB, 0 offset)

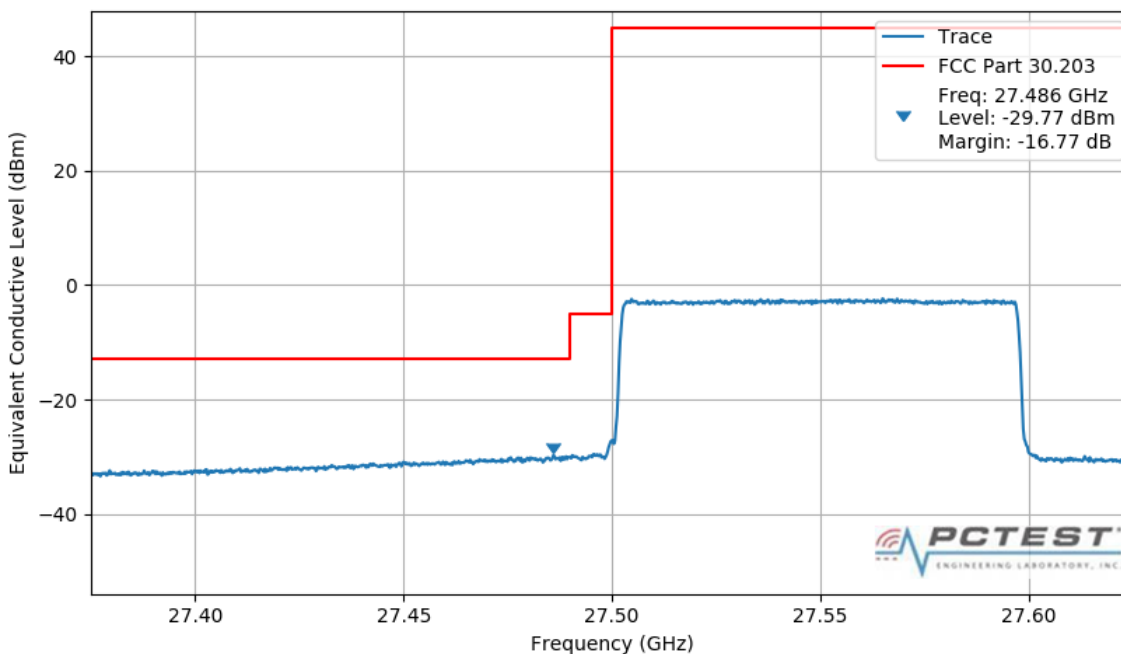
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 137 of 304

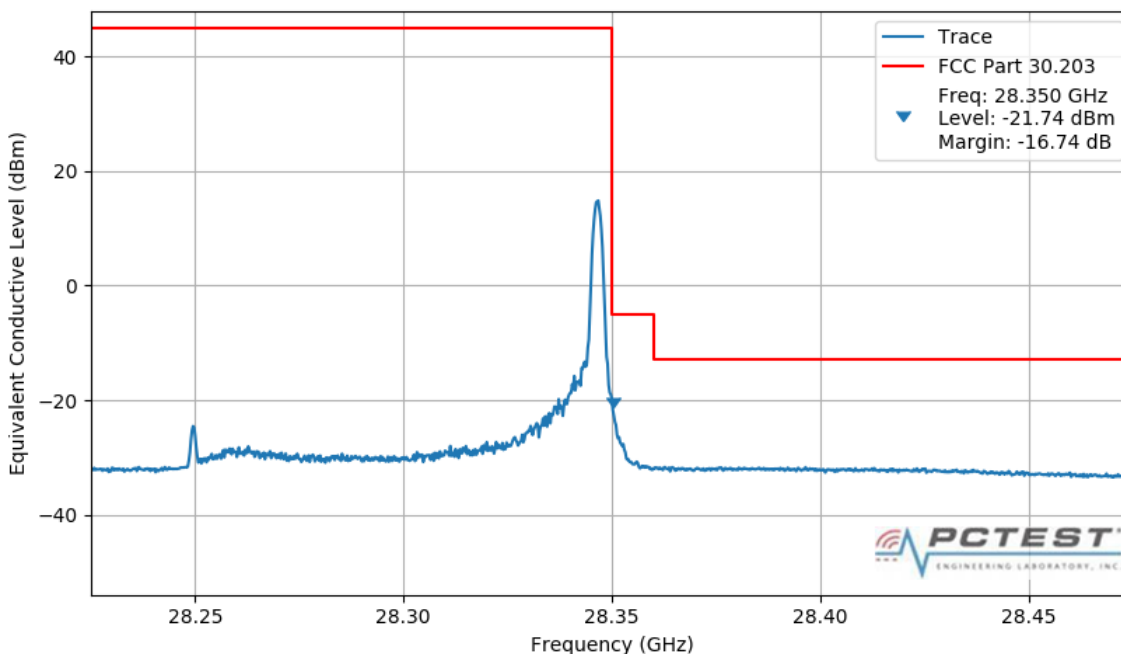
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

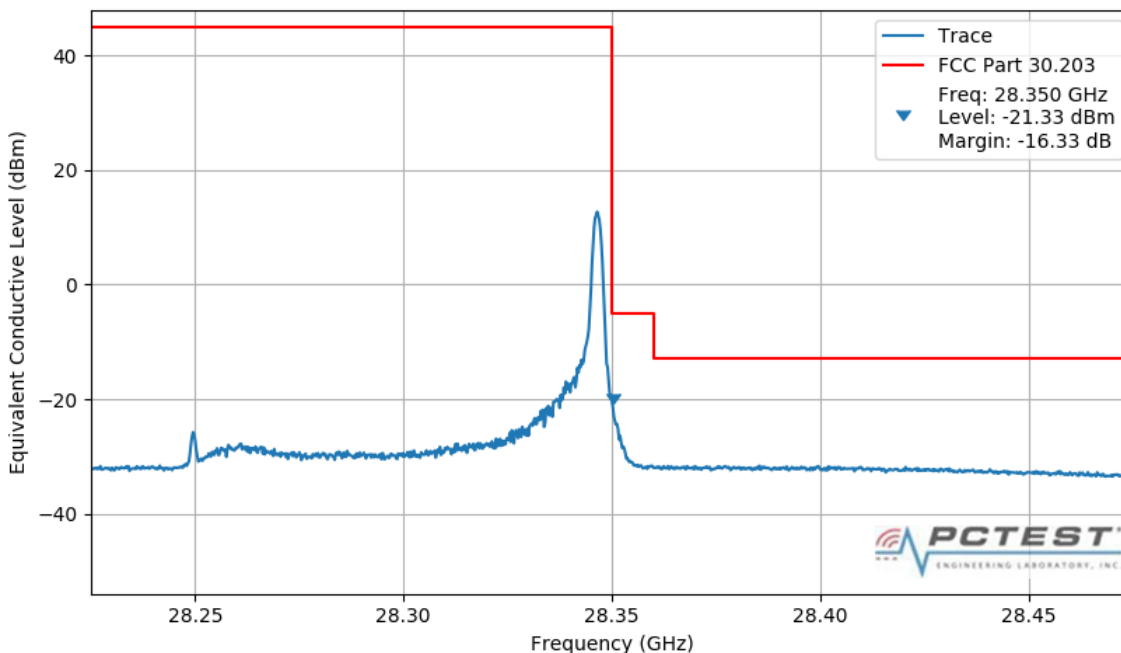
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 138 of 304

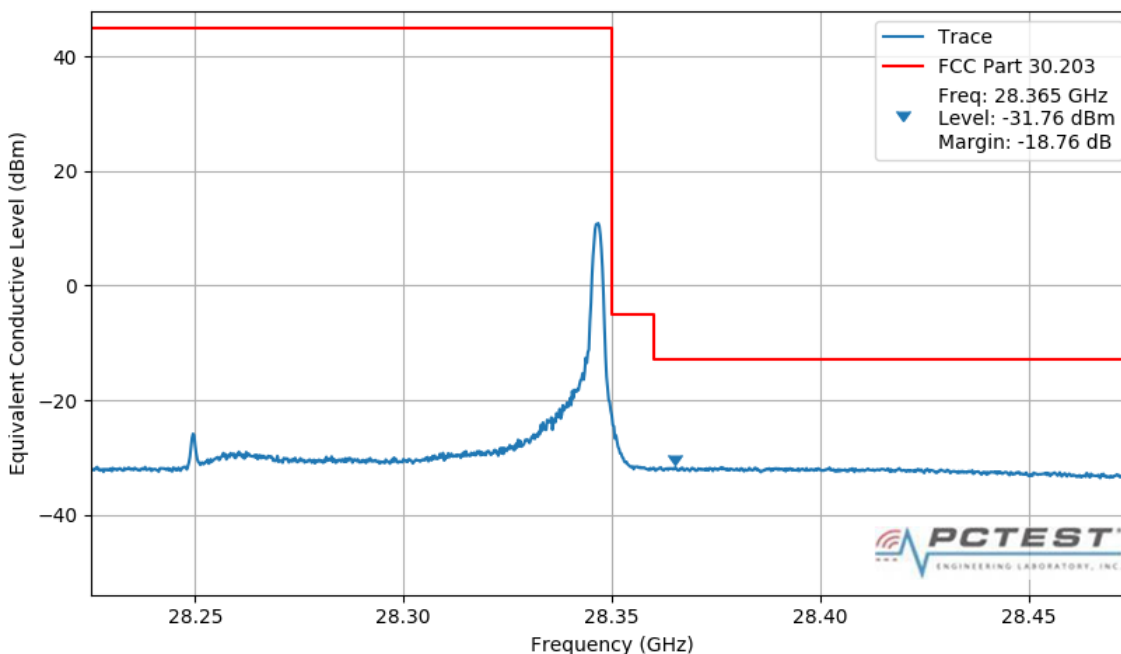
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

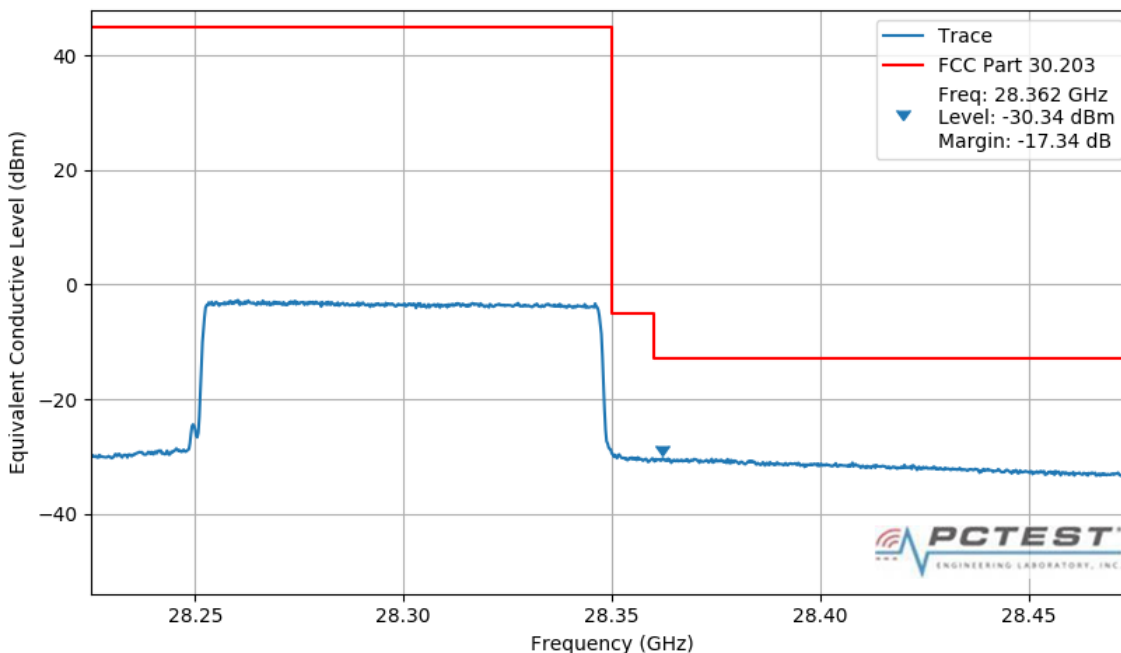
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



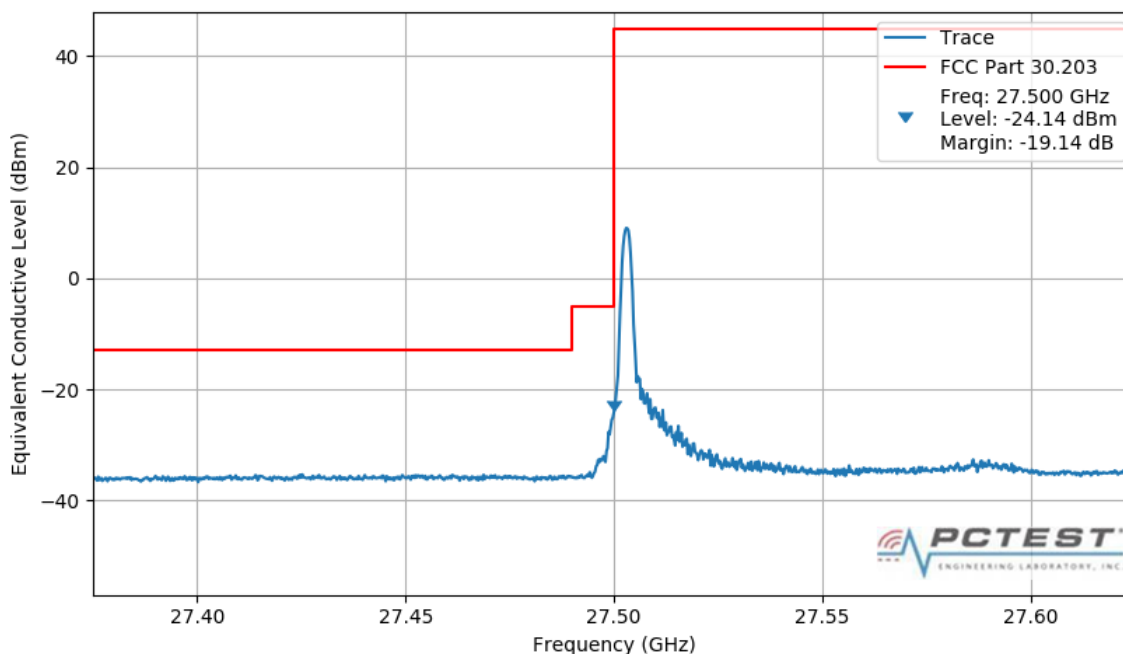
Plot 7-202. Band Edge Plot (1CC 100M QPSK High Channel – 66 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 139 of 304

QTM 1 - H

PASS

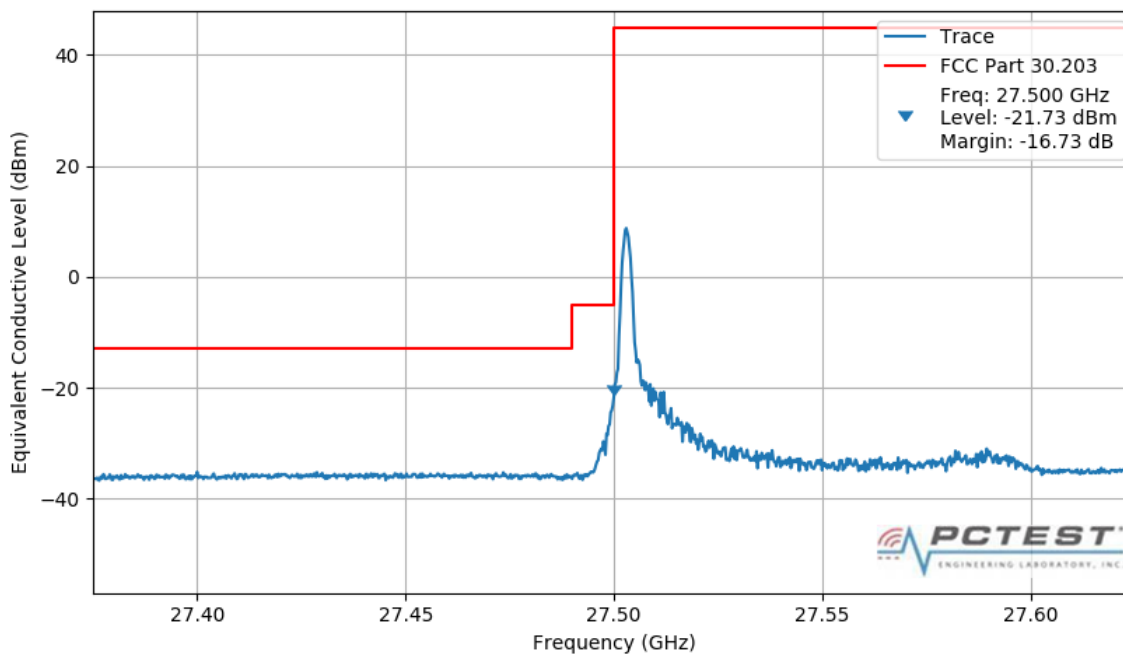
Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 250 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



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

PASS

Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 250 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



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

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 140 of 304

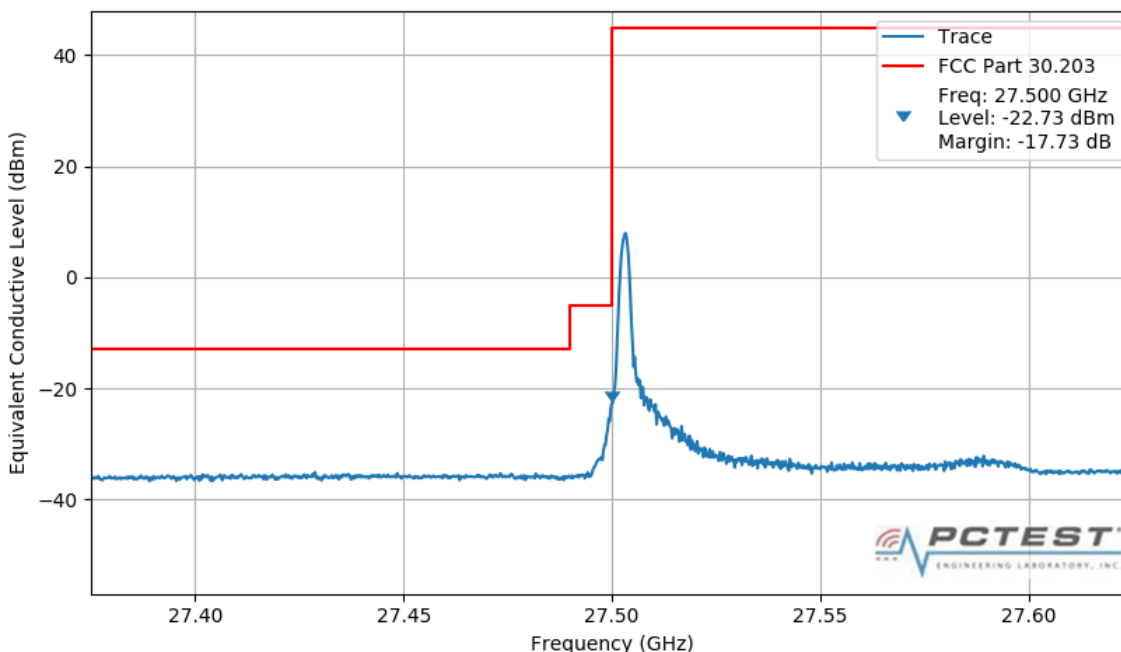
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

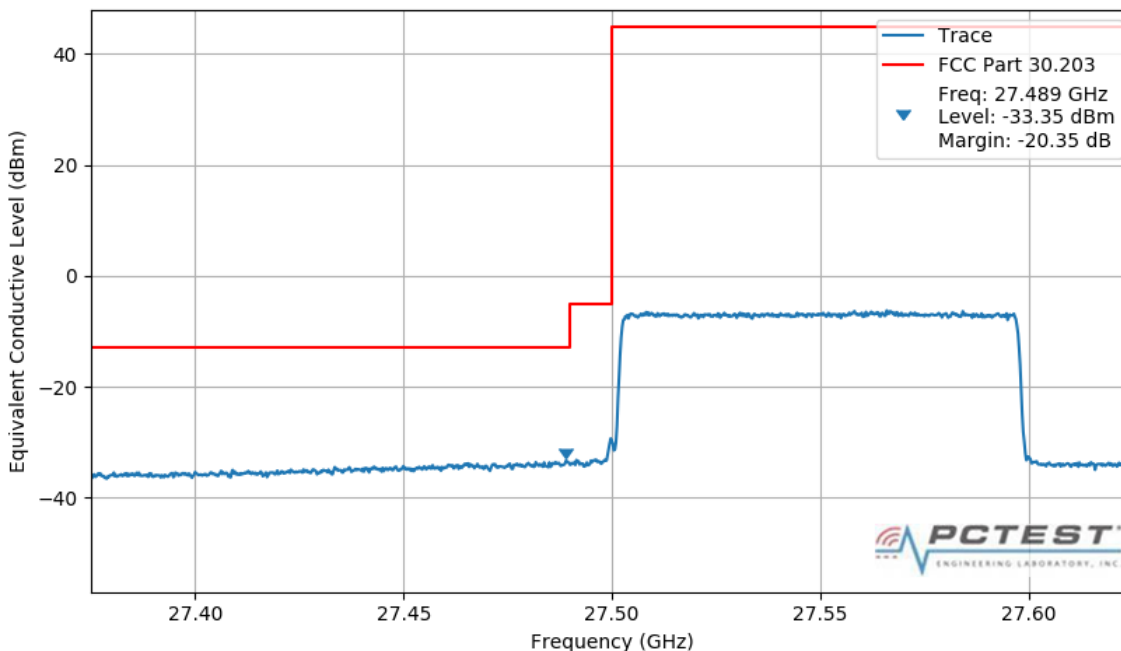
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-206. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 141 of 304

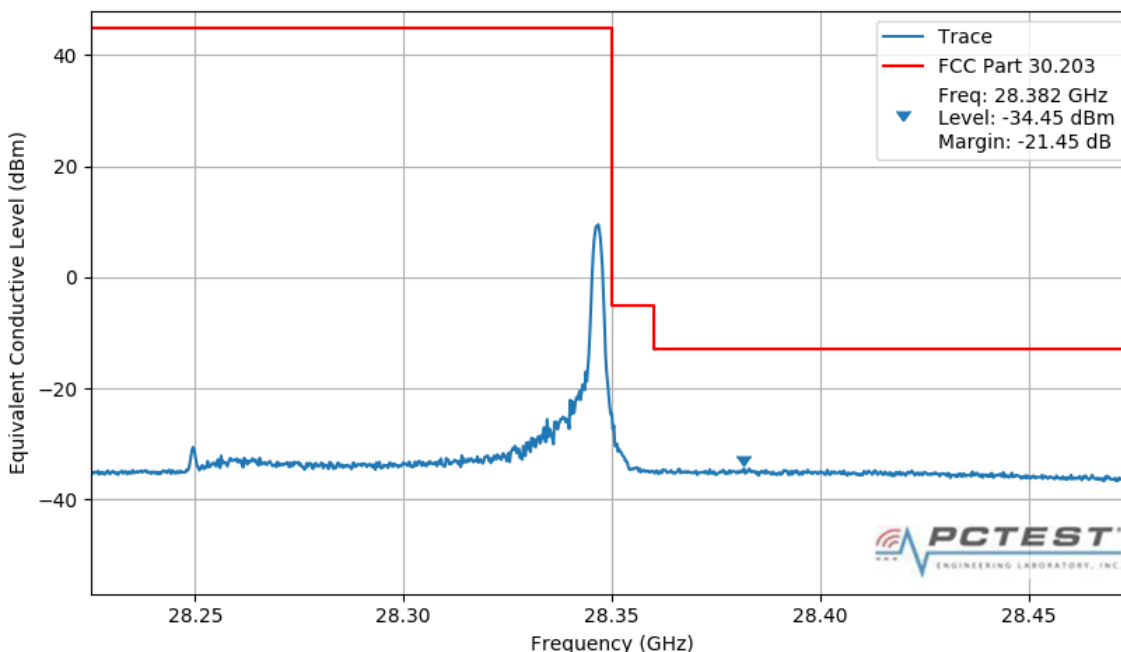
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

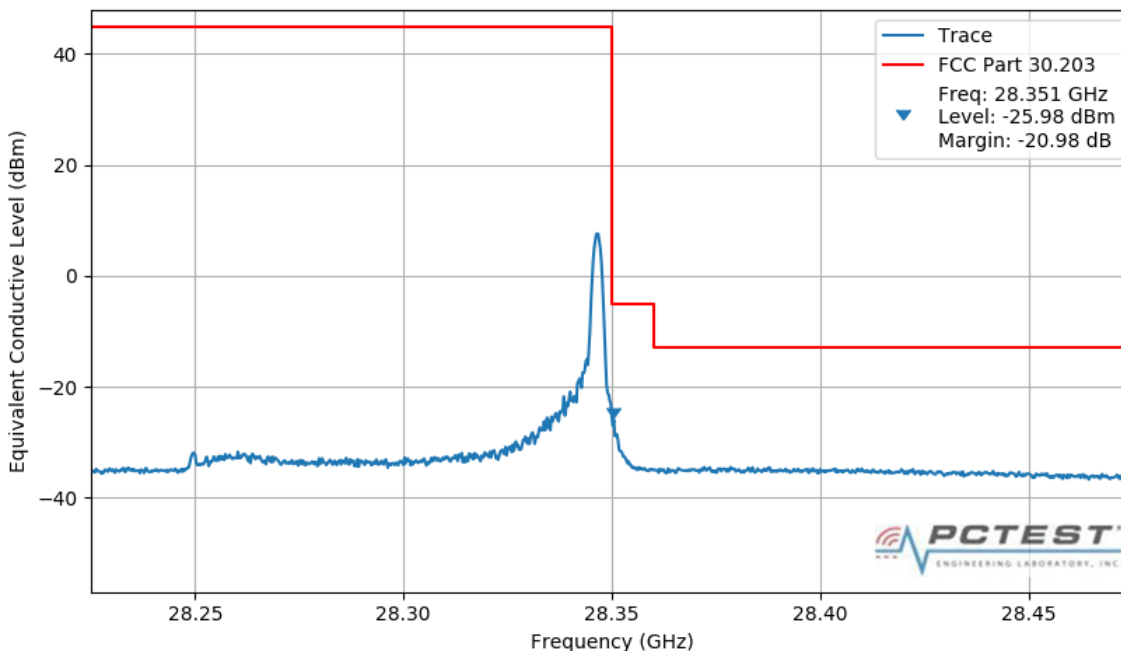
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-208. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 142 of 304

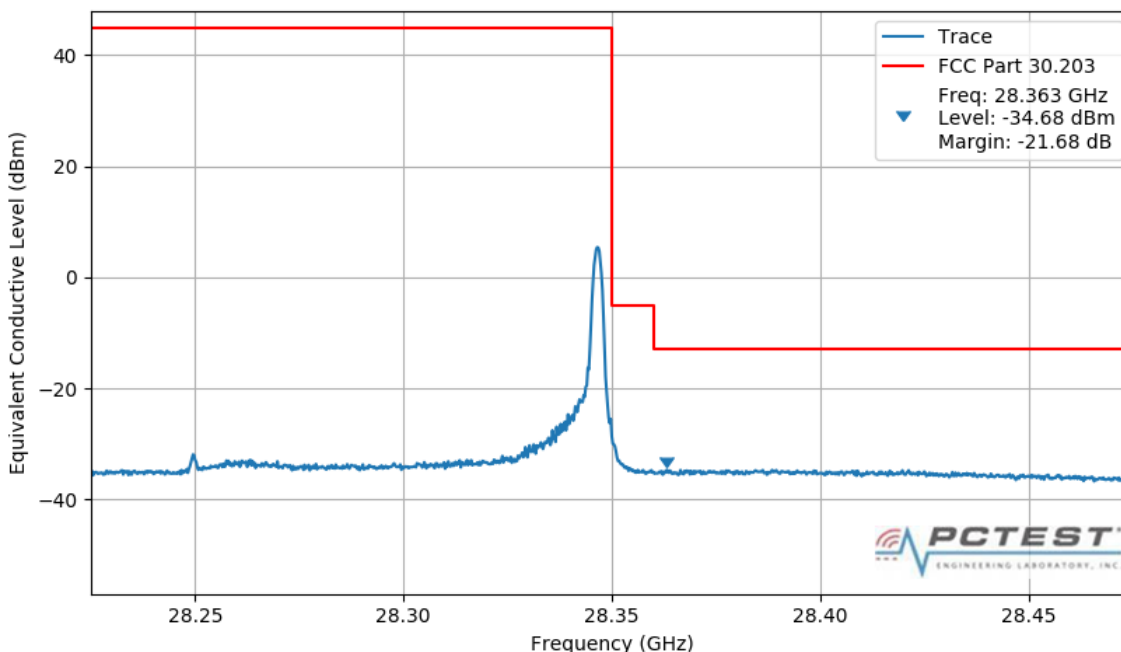
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-209. Band Edge Plot (1CC 100M 64QAM High Channel – 1 RB, 65 offset)

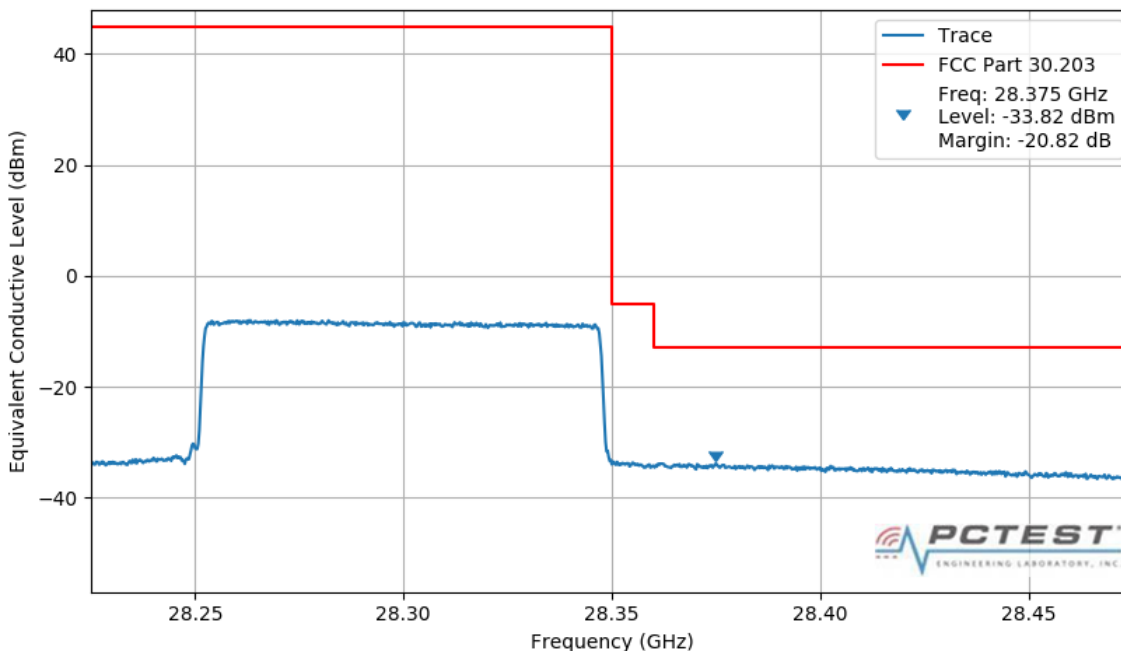
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 143 of 304

QTM 1 - V

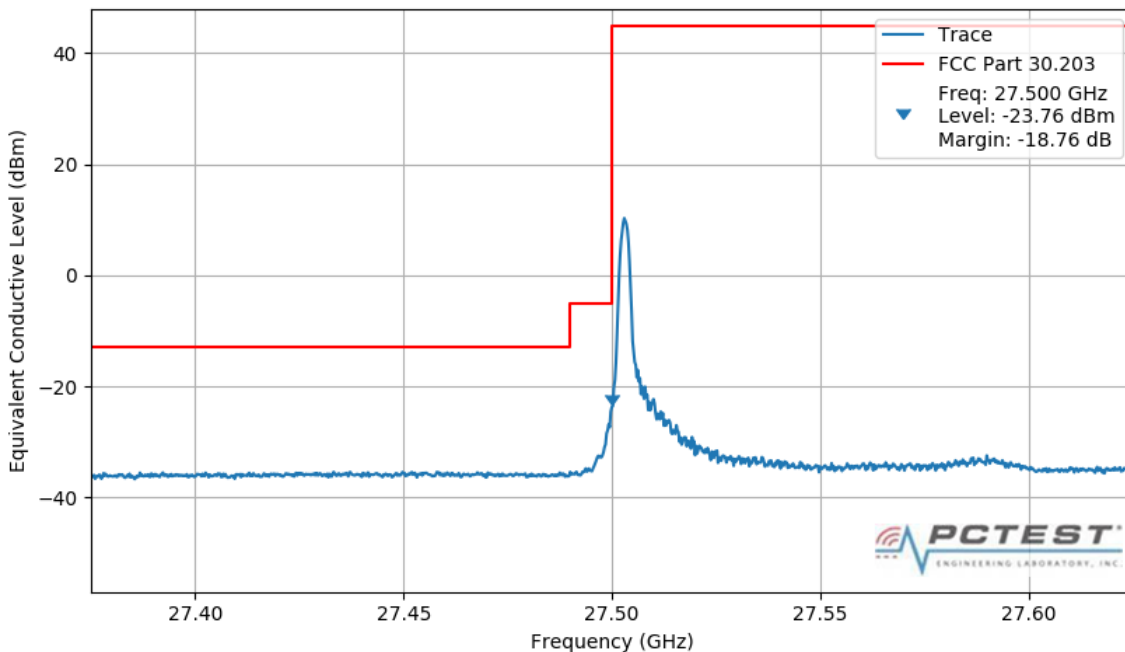
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

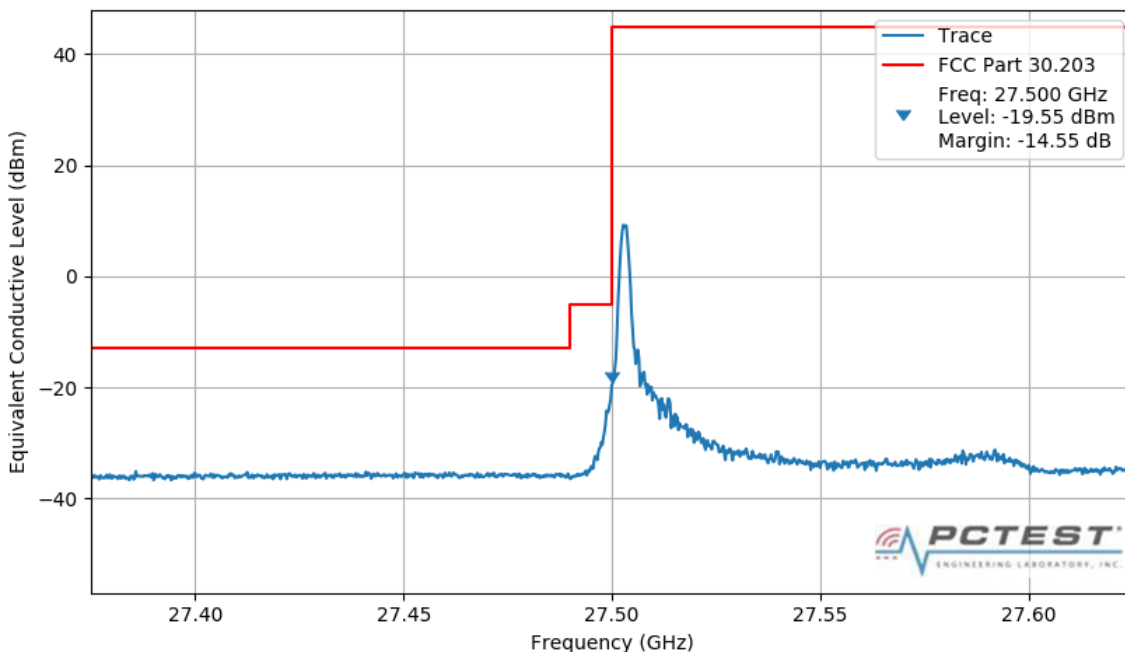
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 144 of 304

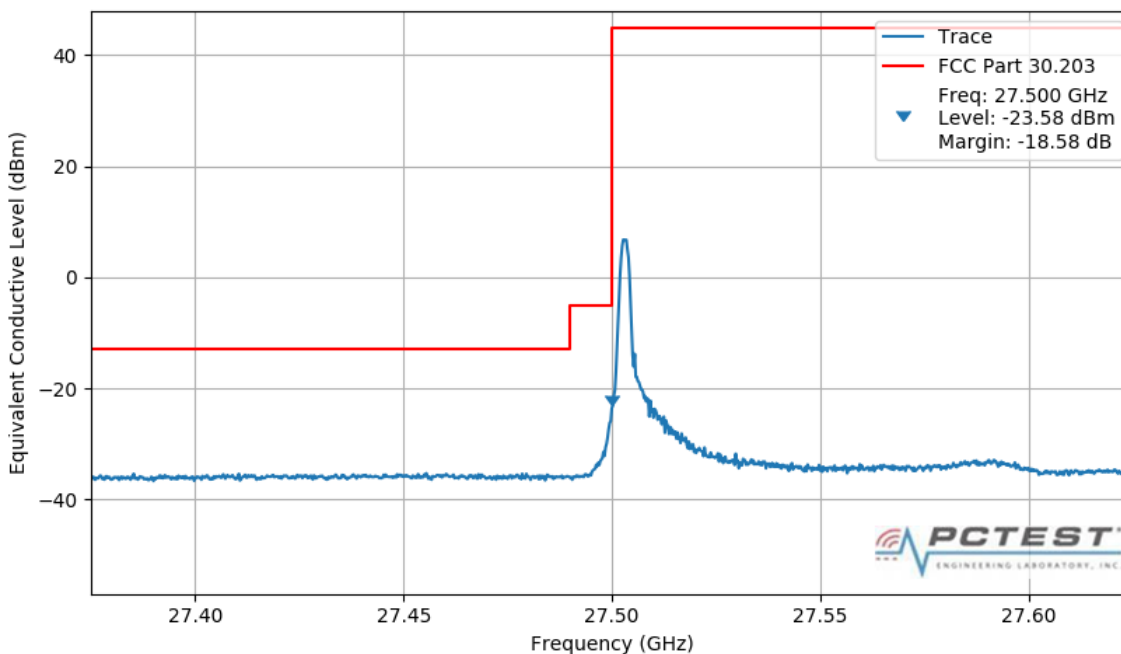
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-213. Band Edge Plot (1CC 100M 64QAM Low Channel – 1 RB, 0 offset)

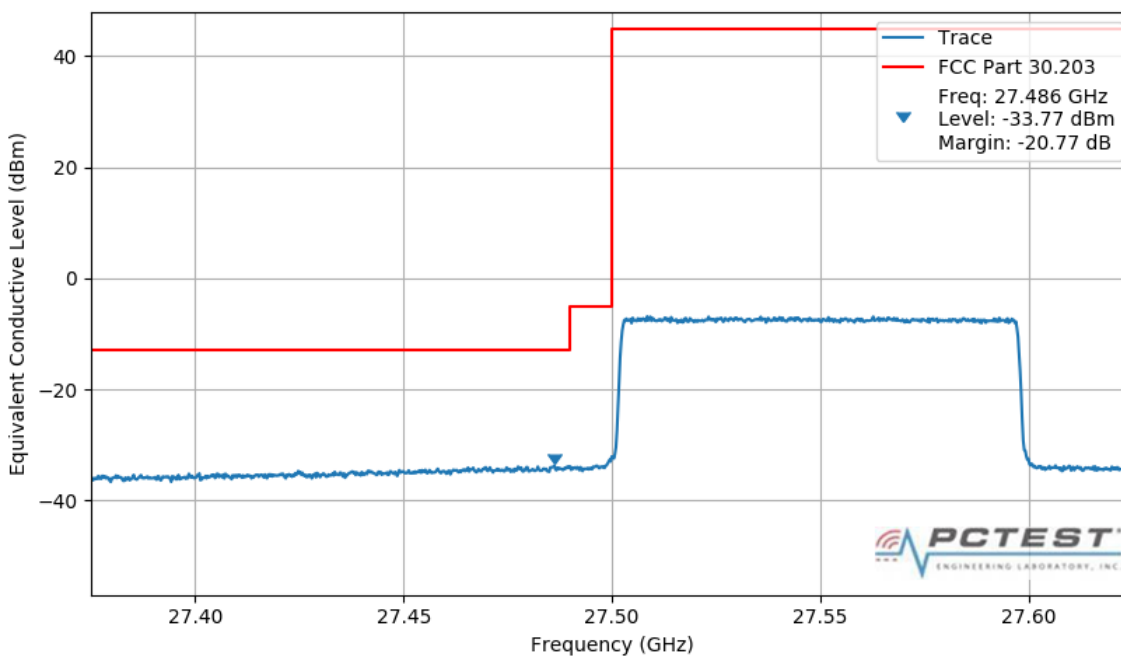
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-214. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 145 of 304

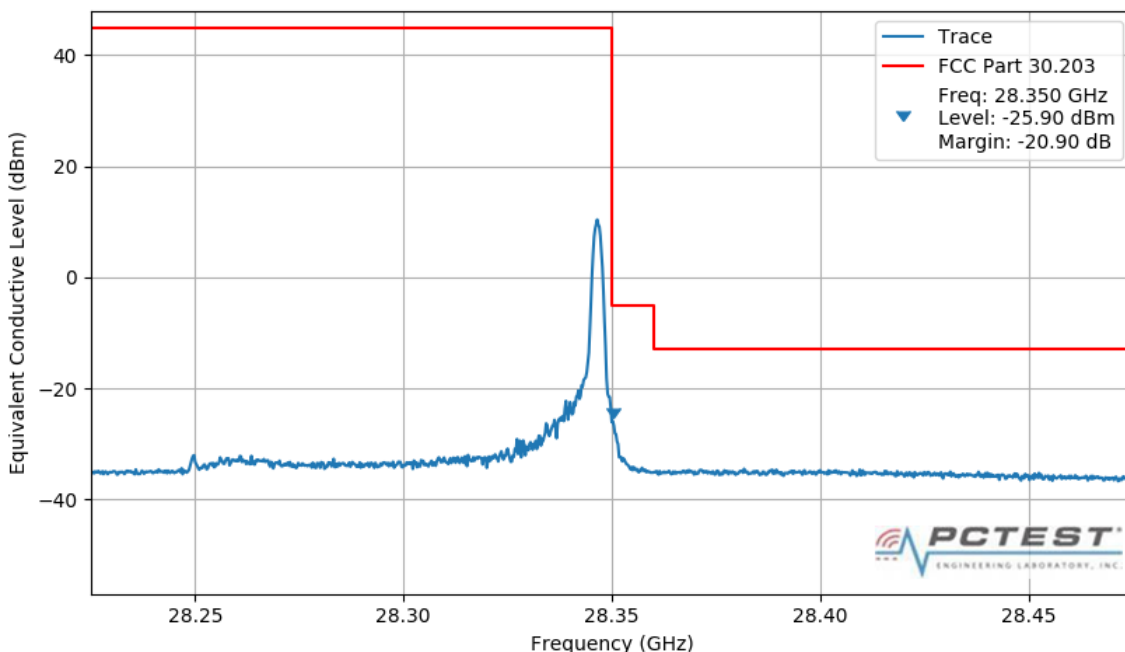
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-215. Band Edge Plot (1CC 100M QPSK High Channel – 1 RB, 65 offset)

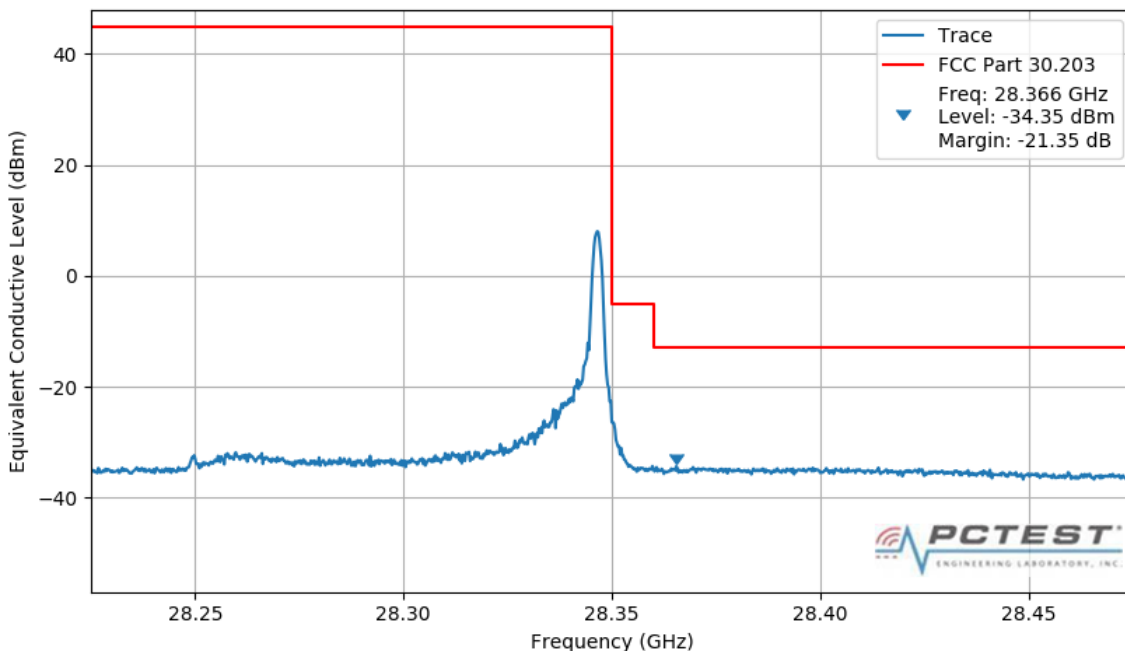
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-216. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 146 of 304

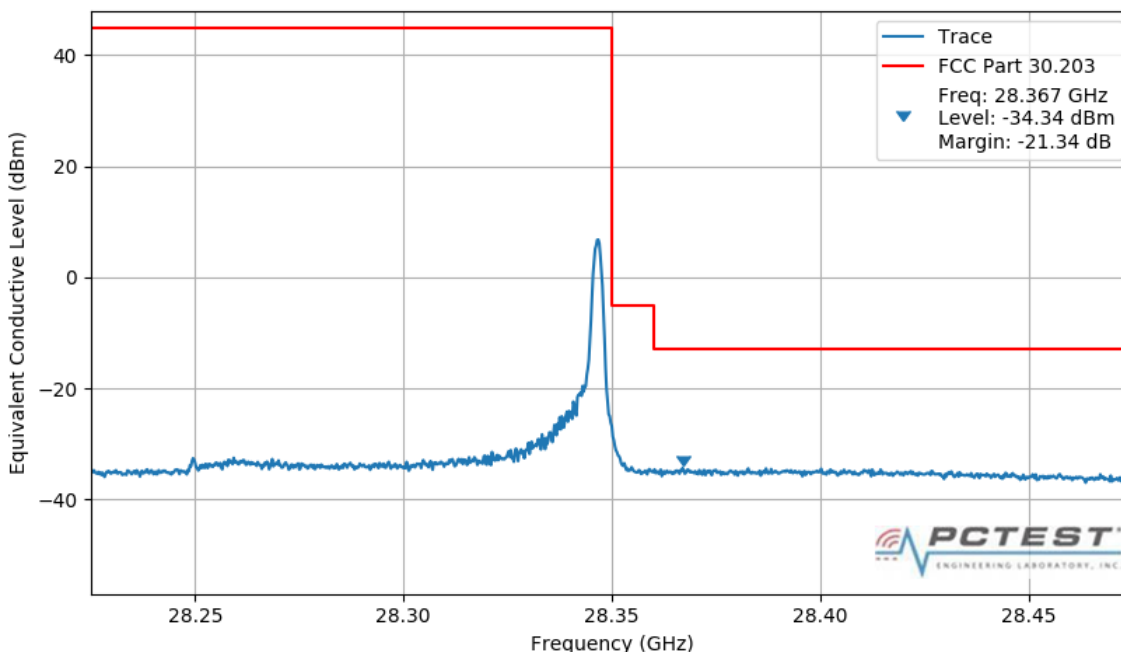
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

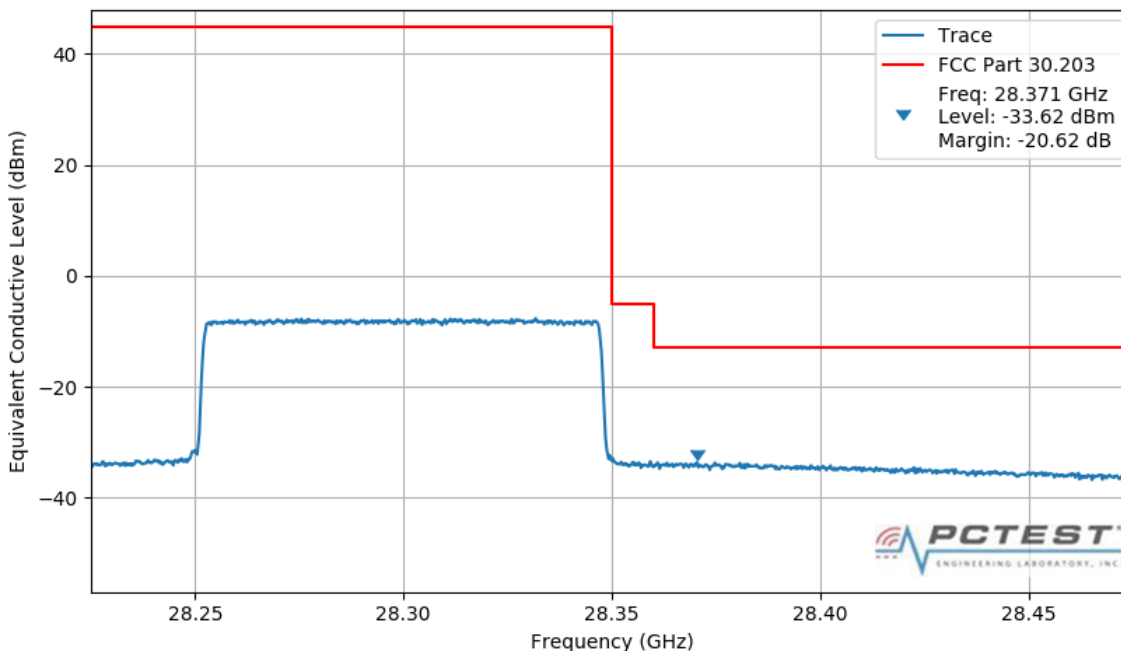
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



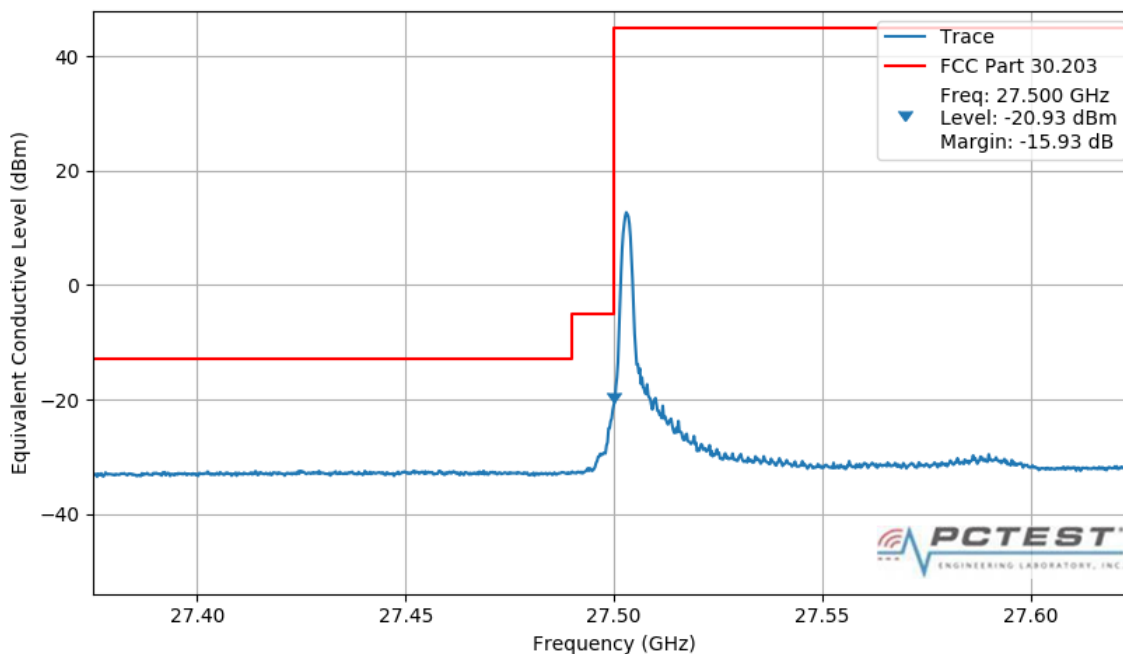
Plot 7-218. Band Edge Plot (1CC 100M QPSK High Channel – 66 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 147 of 304

QTM 1 - H + V

PASS

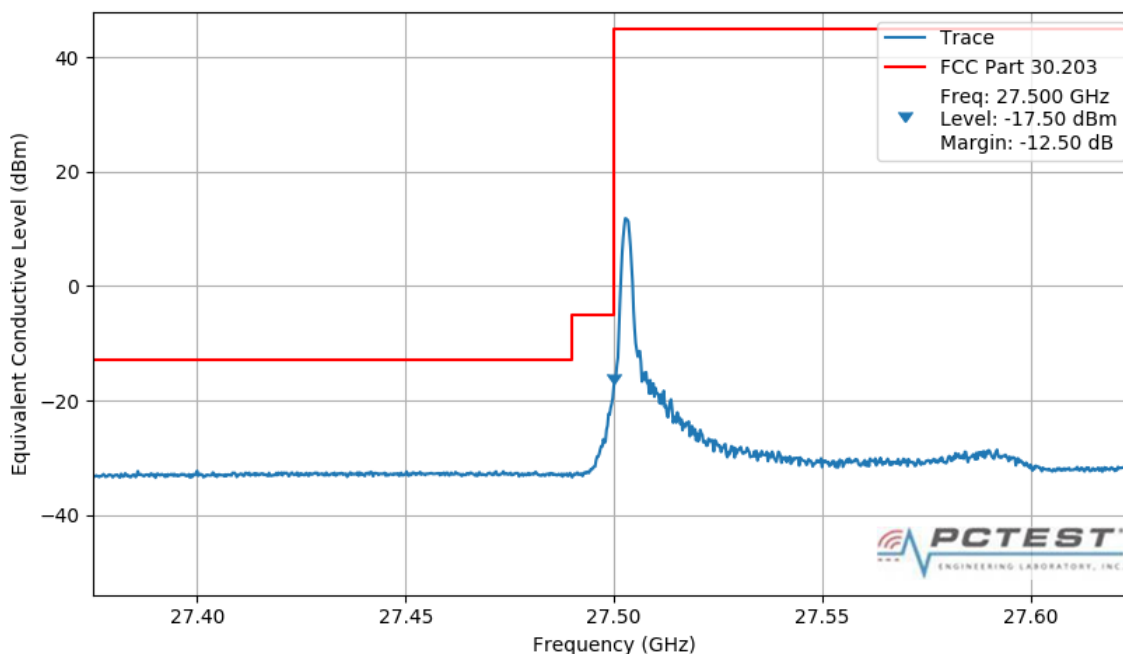
Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 250 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



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

PASS

Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 250 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



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

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 148 of 304

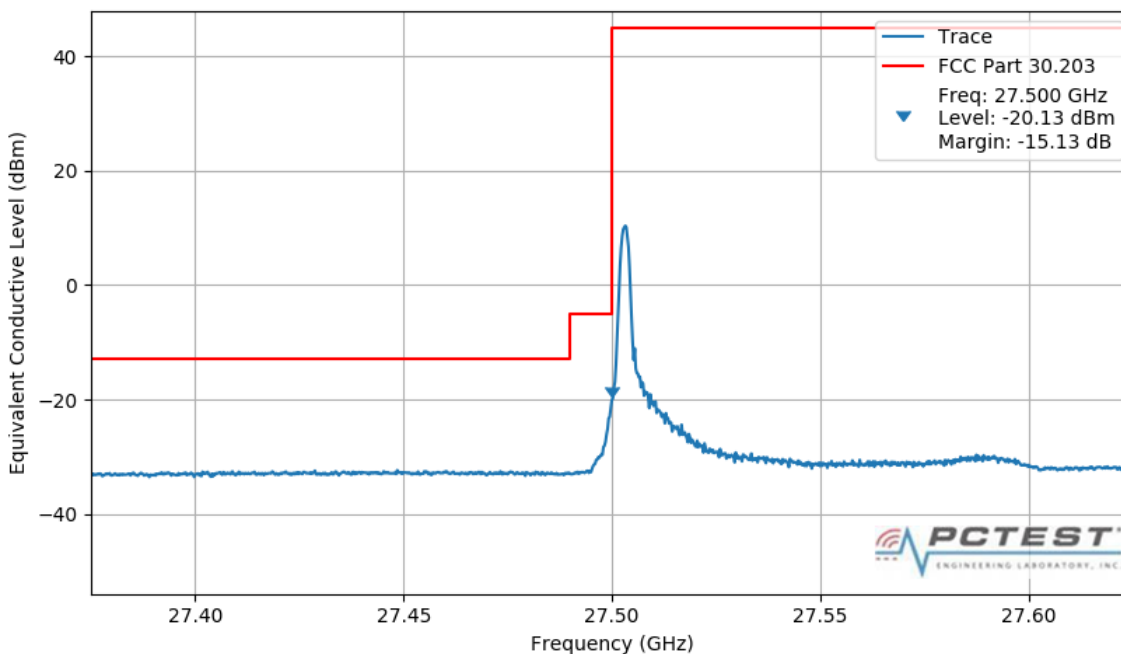
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-221. Band Edge Plot (1CC 100M 64QAM Low Channel – 1 RB, 0 offset)

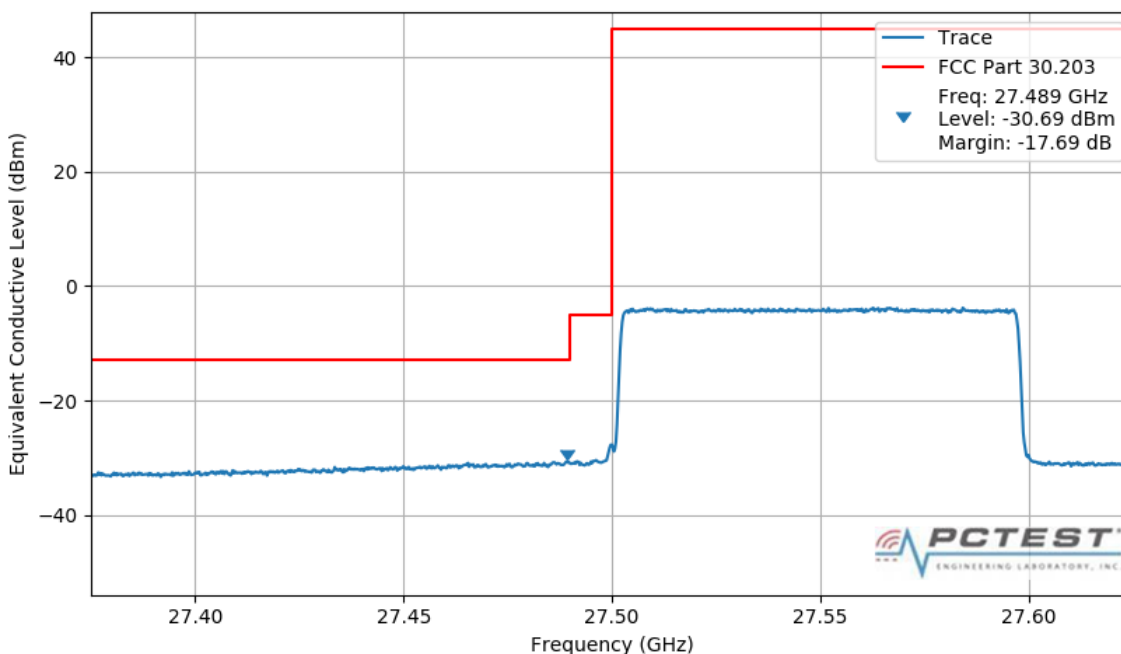
PASS

Center Freq: 27.50 GHz
Span: 250 MHz
Ref Level: 43.53 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-222. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 149 of 304

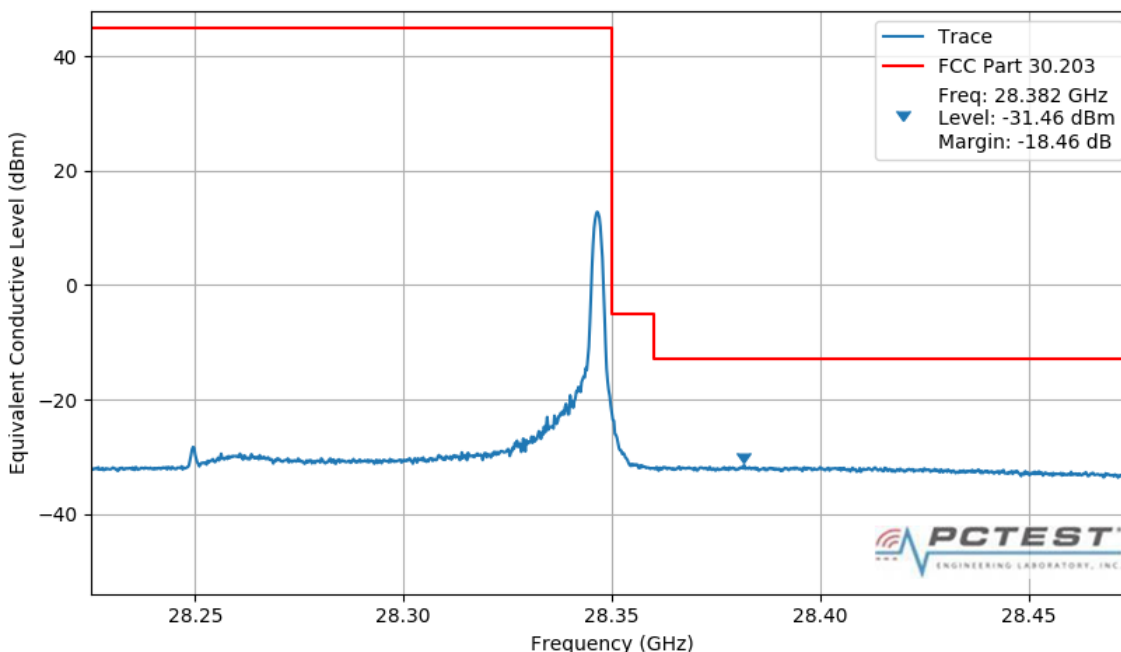
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

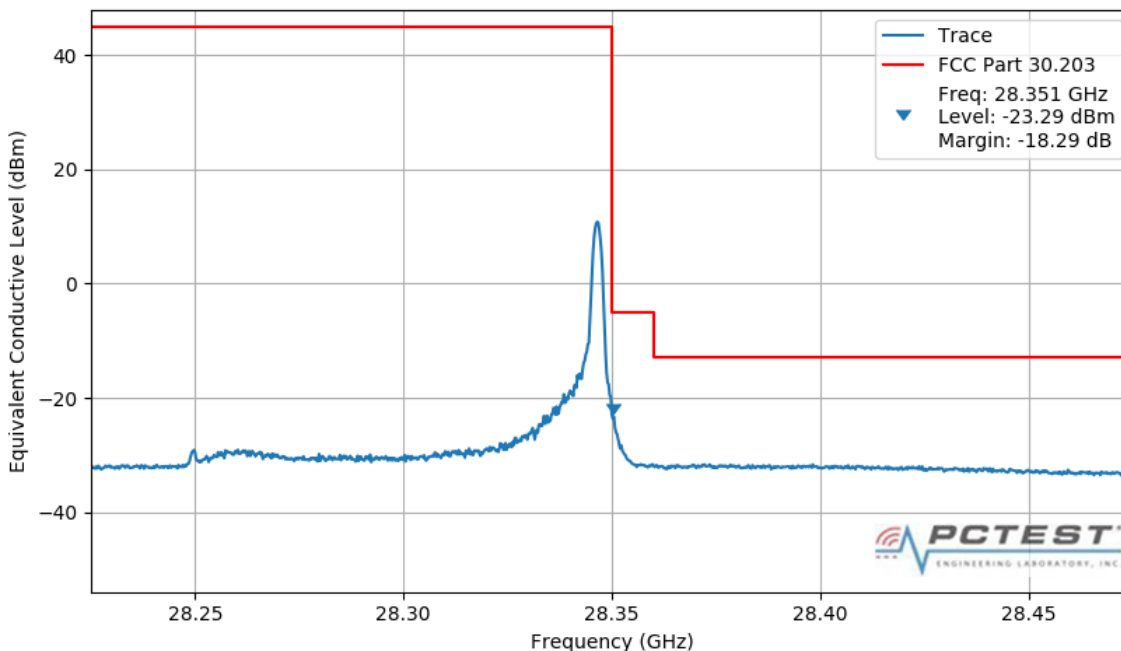
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 150 of 304

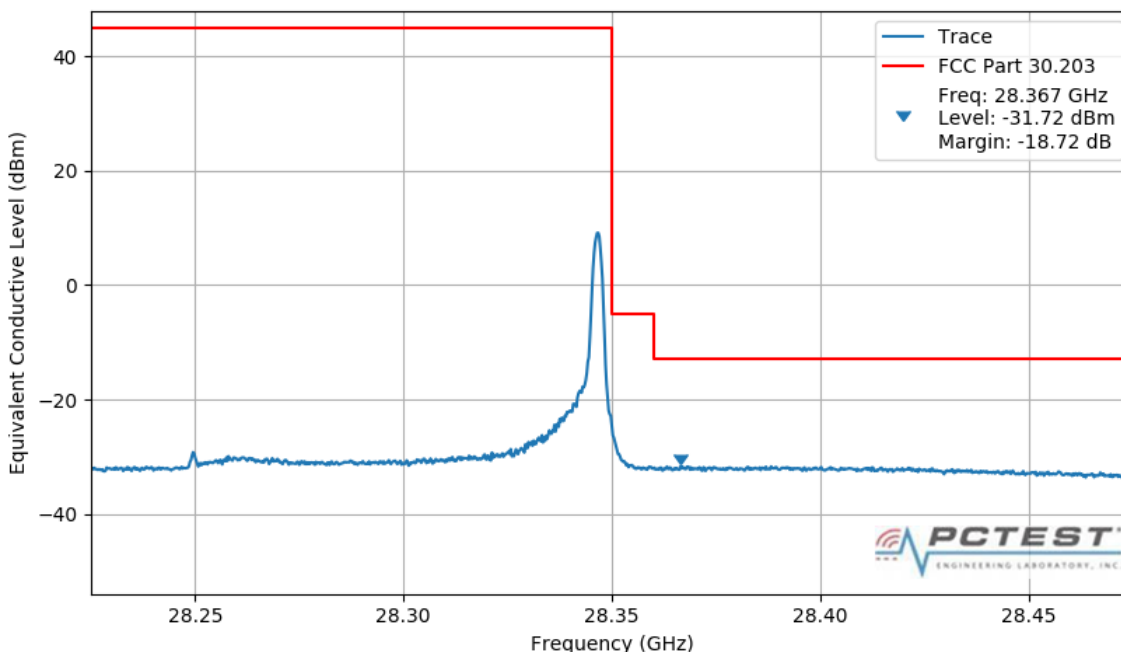
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

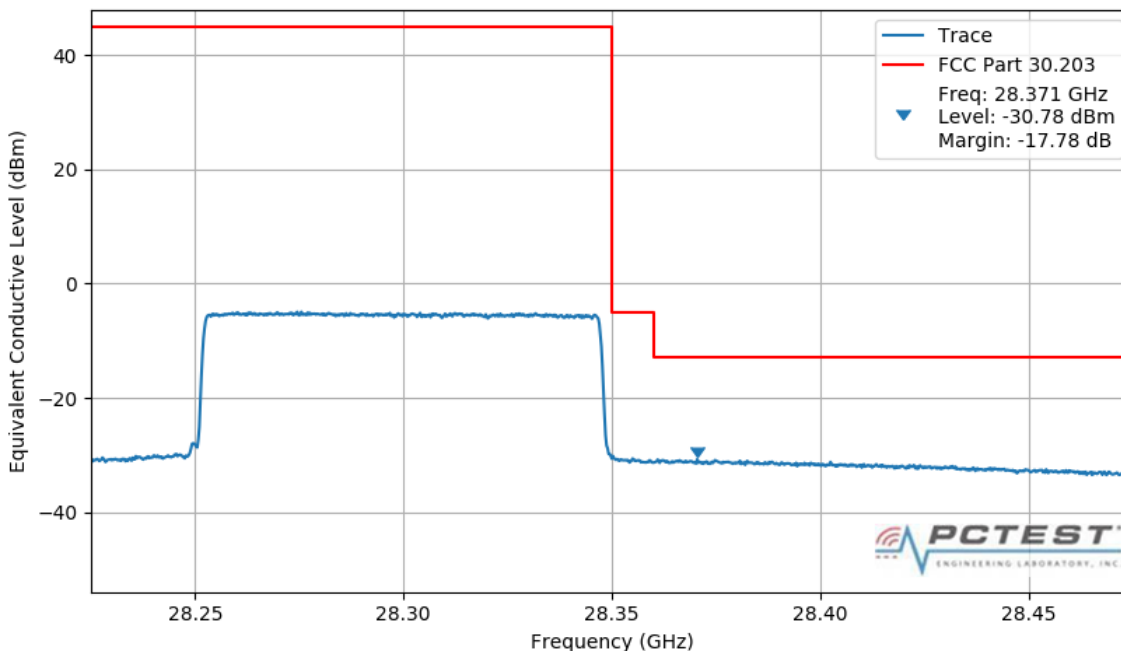
PASS

Center Freq: 28.35 GHz
Span: 250 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



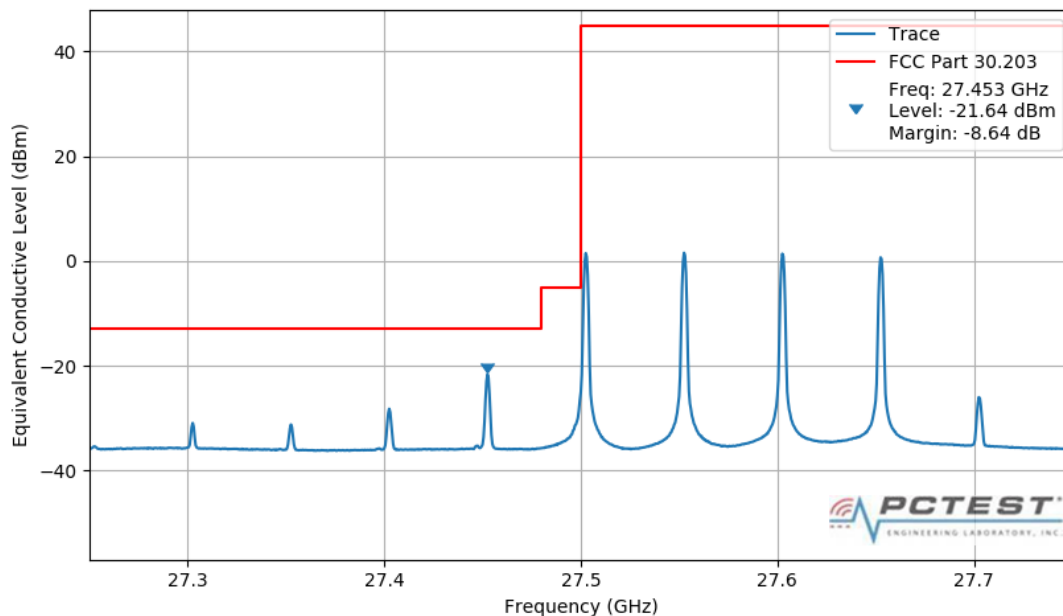
Plot 7-226. Band Edge Plot (1CC 100M QPSK High Channel – 66 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 151 of 304

7.5.4 N261 1CC 200MHz Bandwidth Band Edges QTM 0 - H

PASS

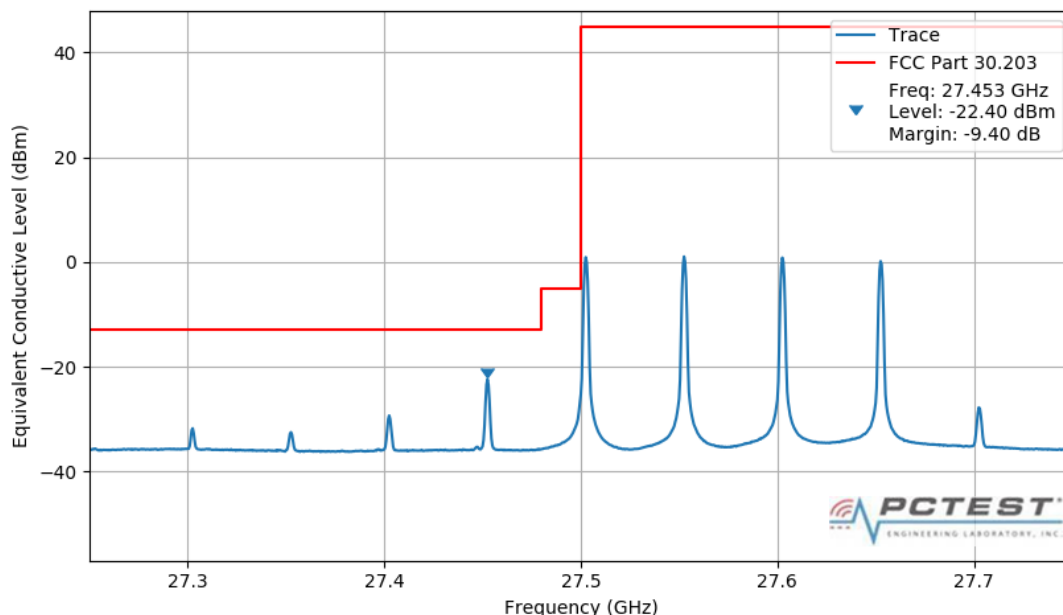
Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 500 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



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

PASS

Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 500 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



Plot 7-228. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 152 of 304

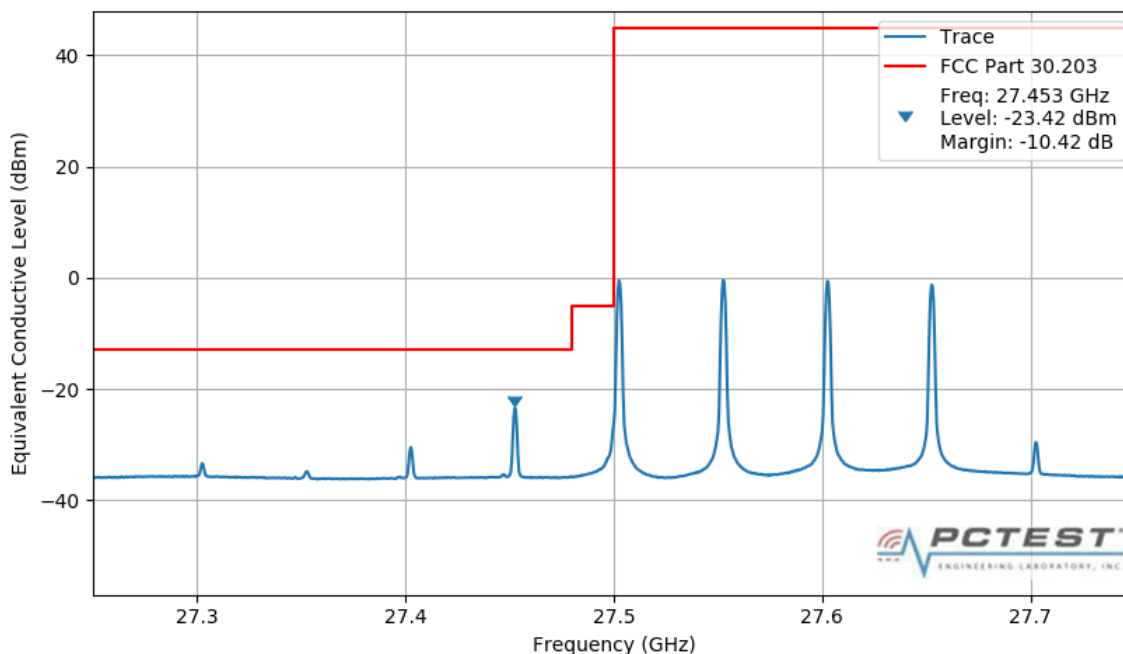
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

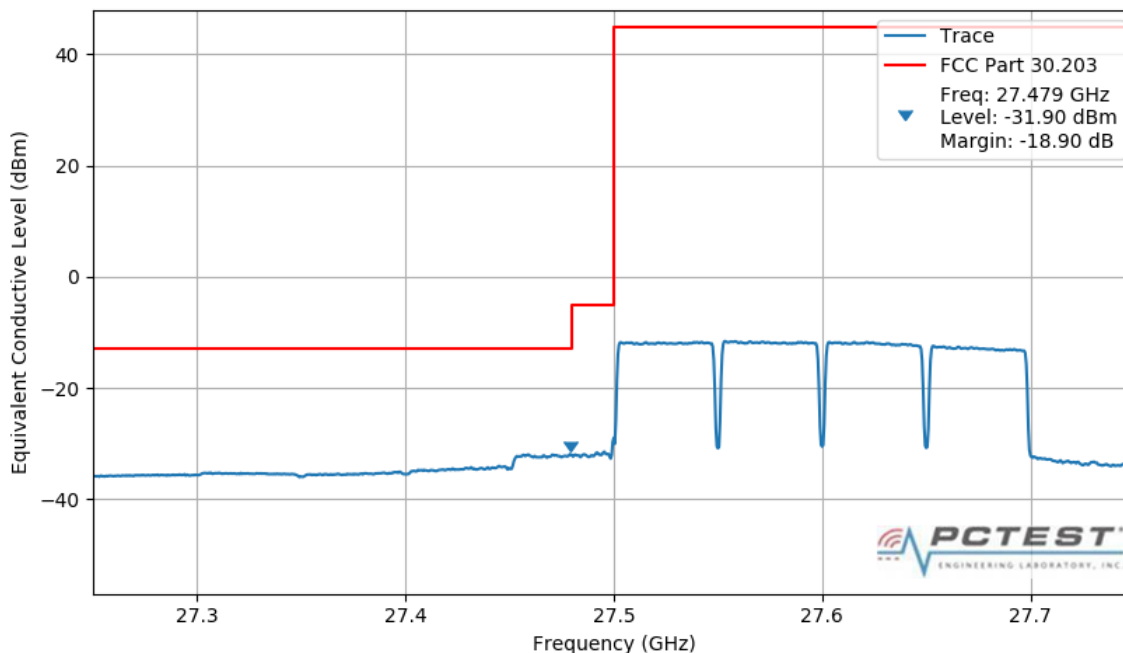
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-230. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 153 of 304

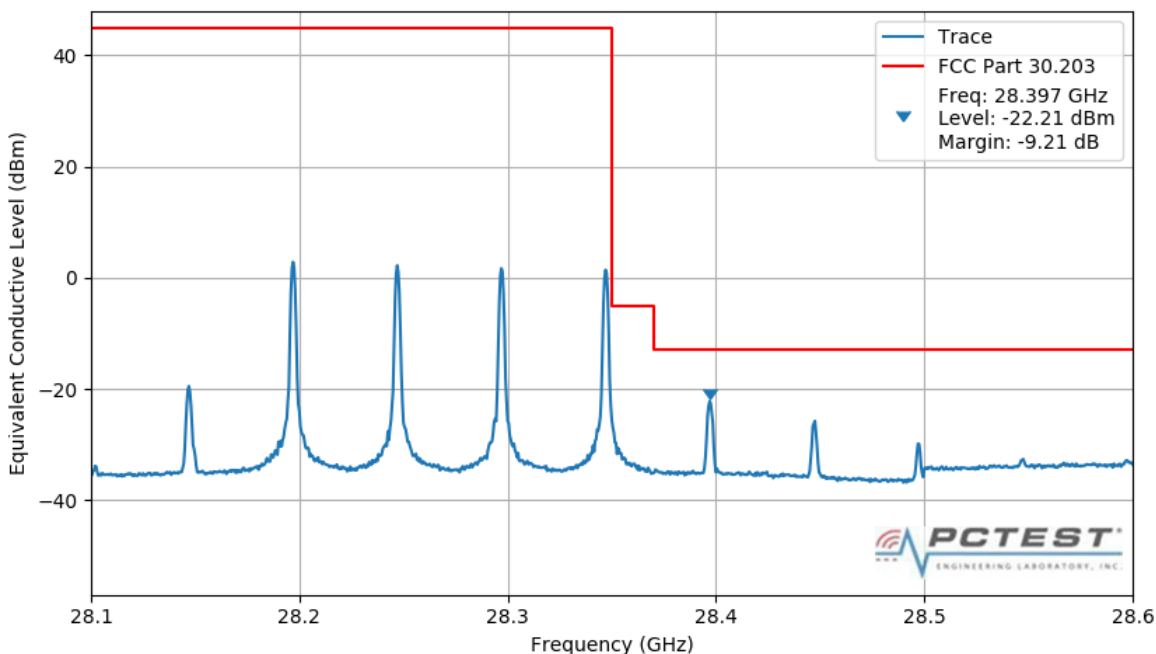
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-231. Band Edge Plot (4CC 50M QPSK High Channel – 1 RB, 31 offset)

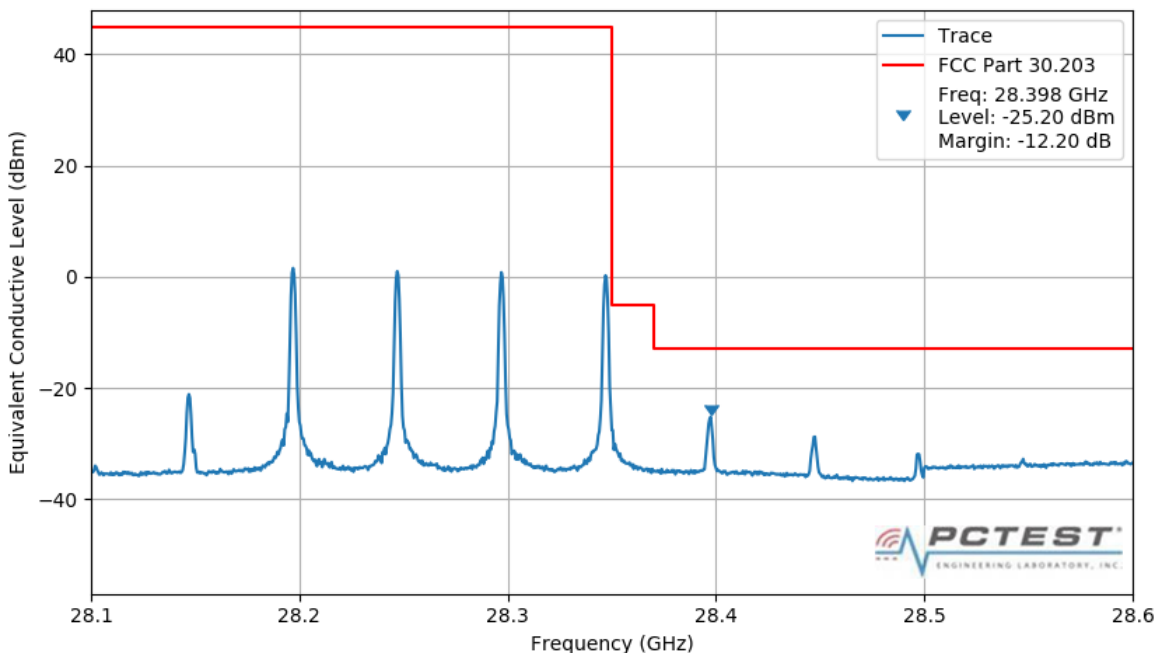
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 154 of 304

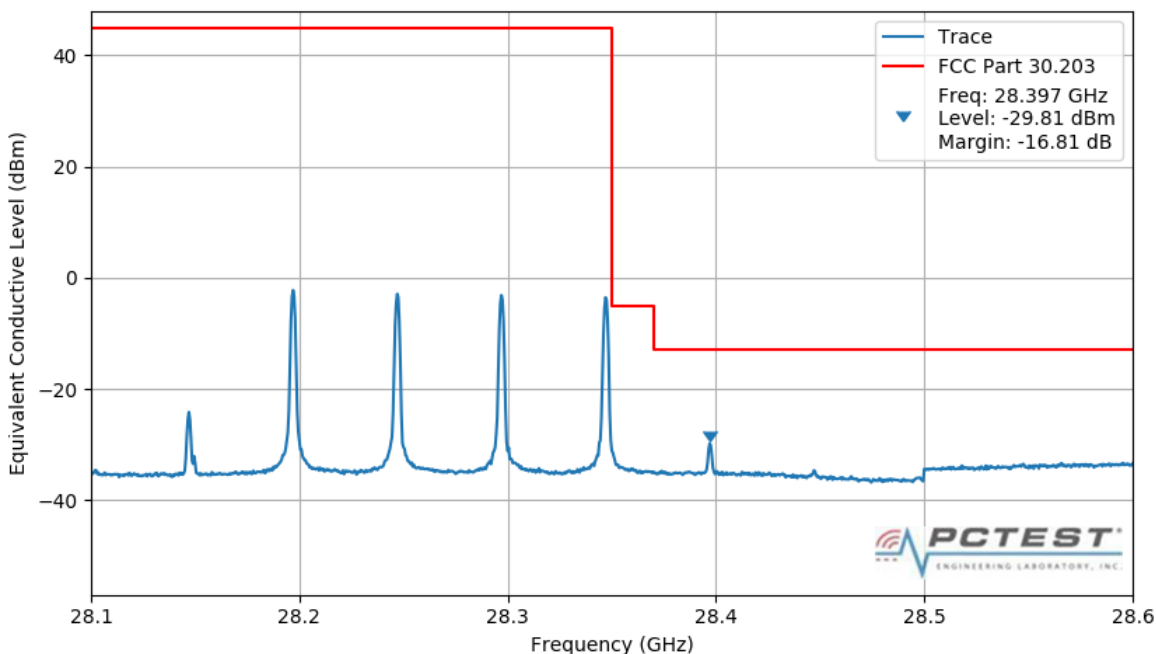
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-233. Band Edge Plot (4CC 50M 64QAM High Channel – 1 RB, 31 offset)

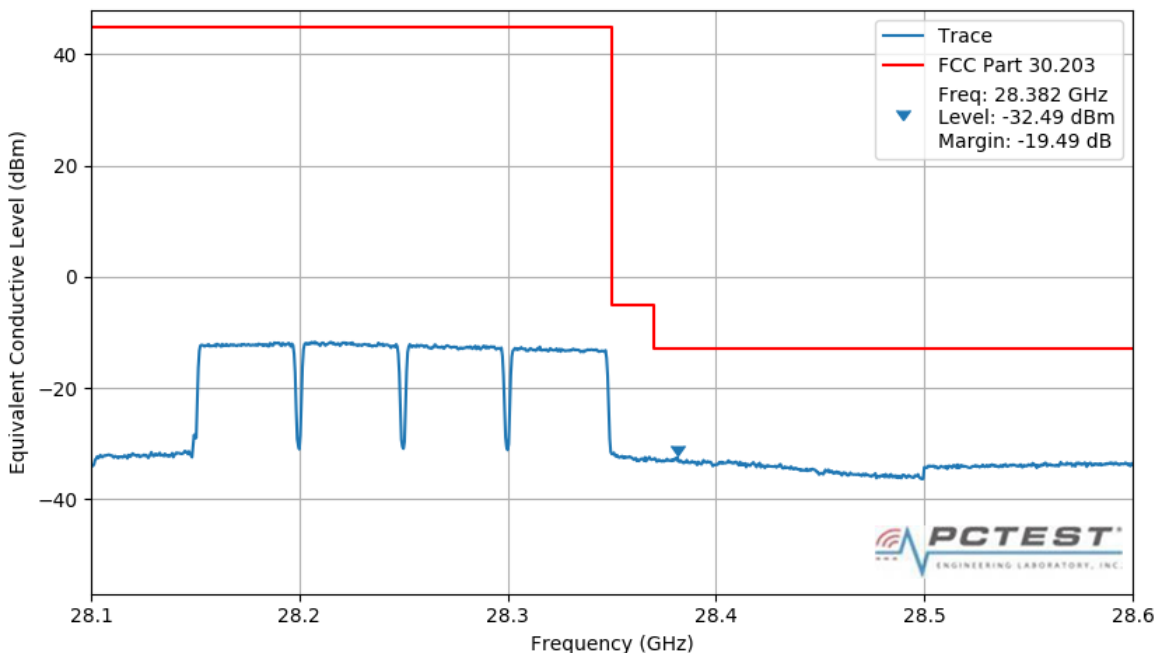
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 155 of 304

QTM 0 - V

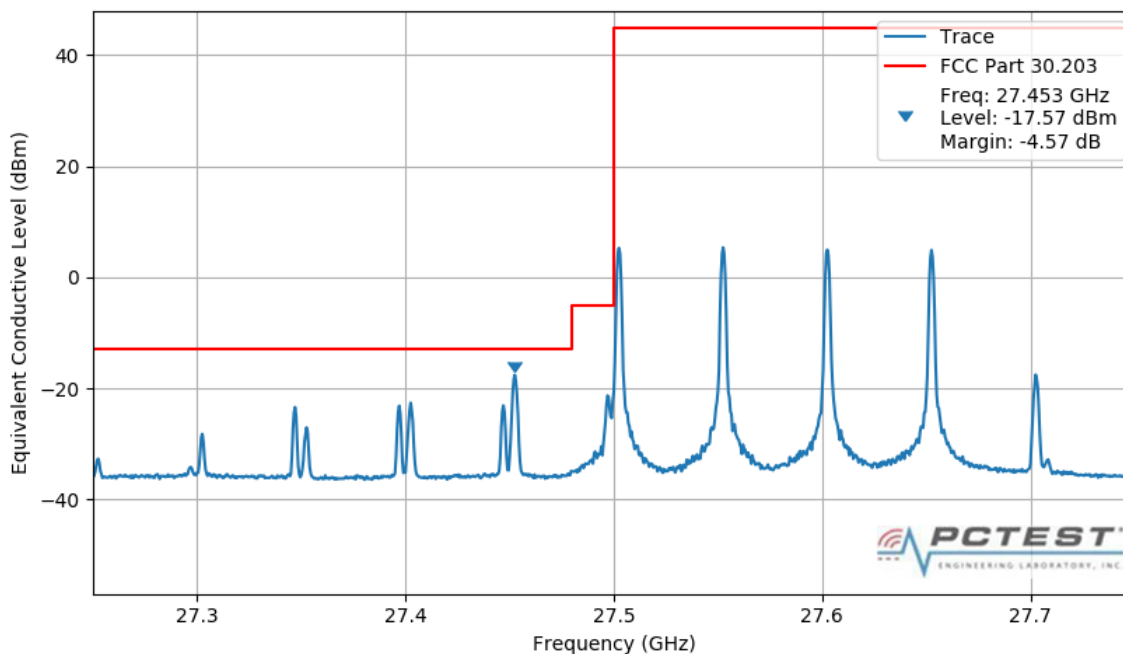
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

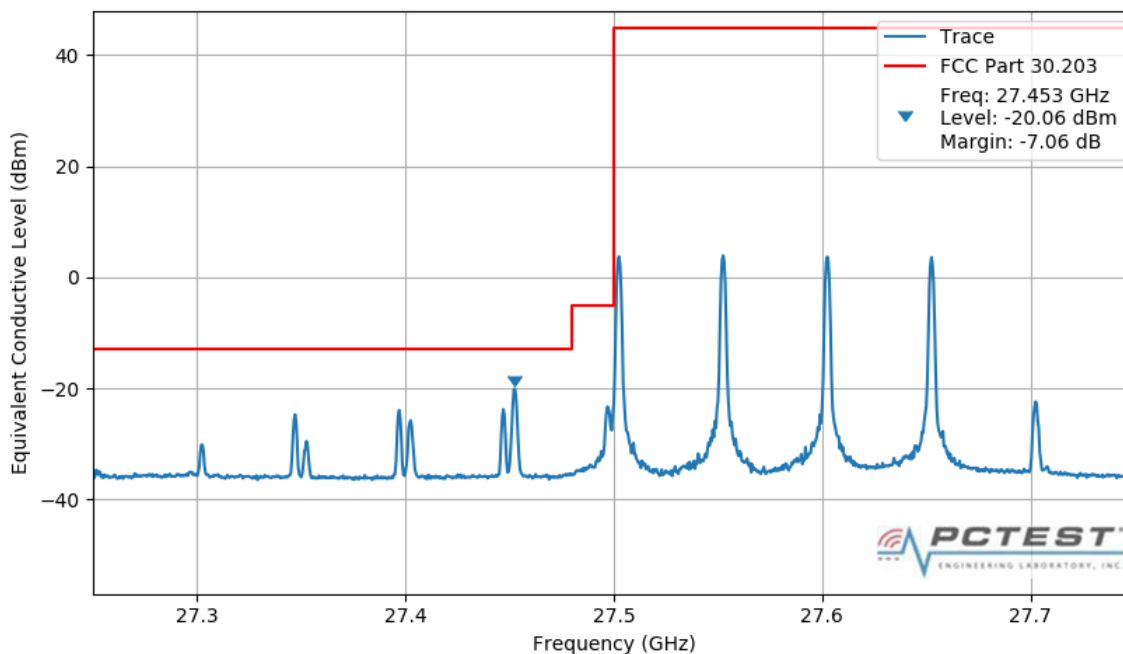
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-236. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 156 of 304

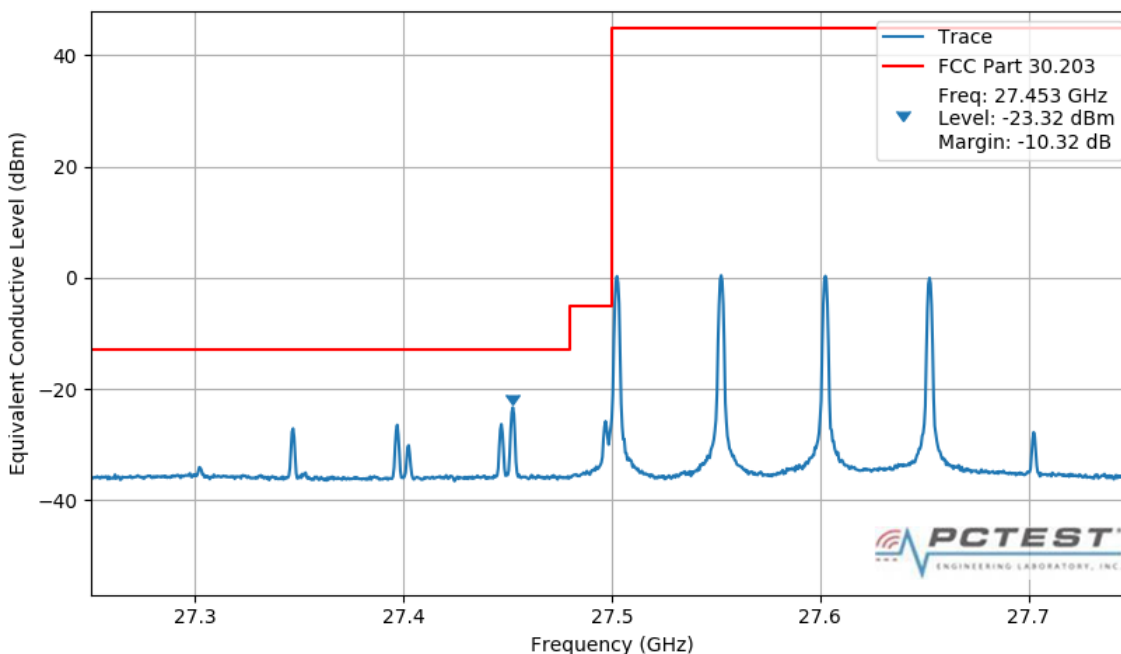
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-237. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB, 0 offset)

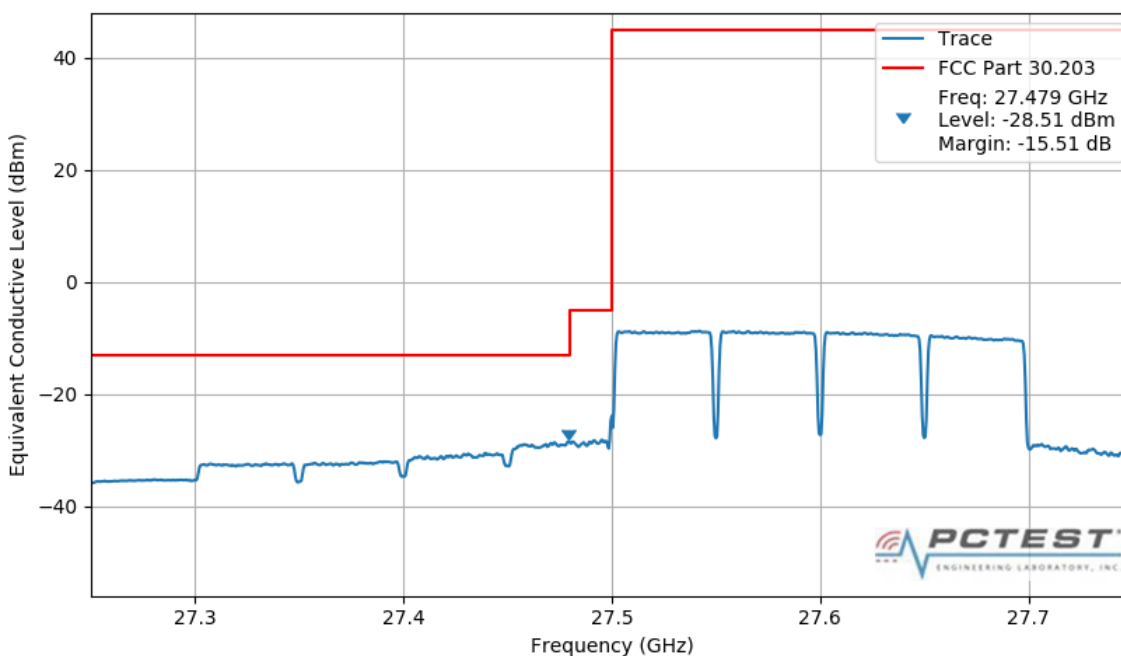
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 157 of 304

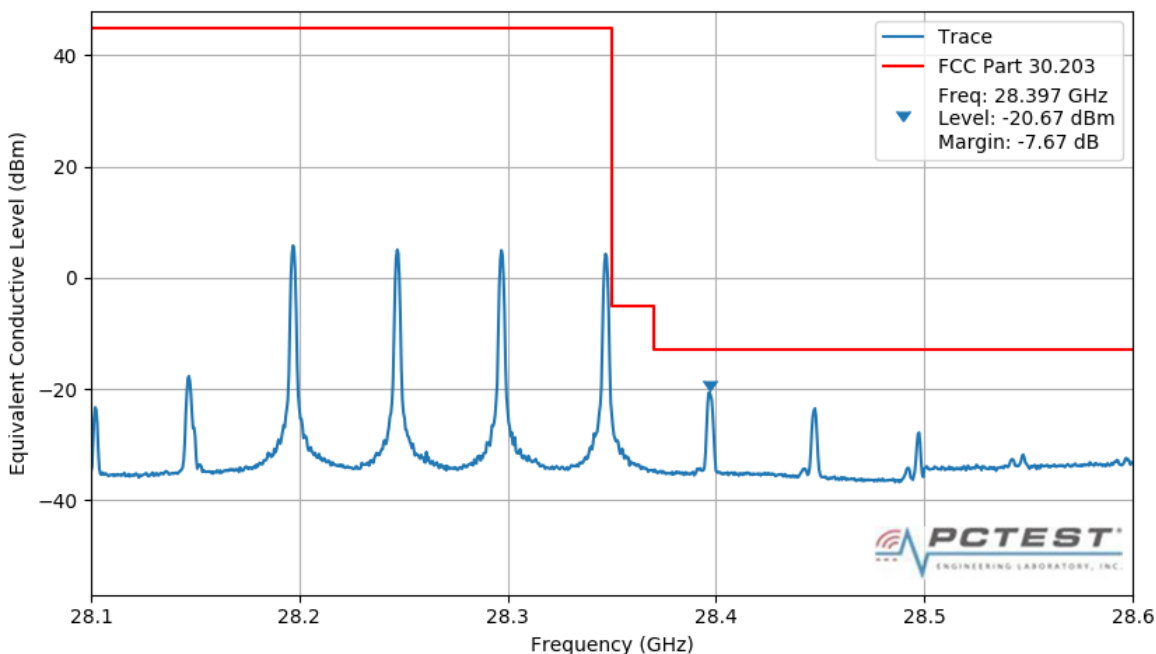
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-239. Band Edge Plot (4CC 50M QPSK High Channel – 1 RB, 31 offset)

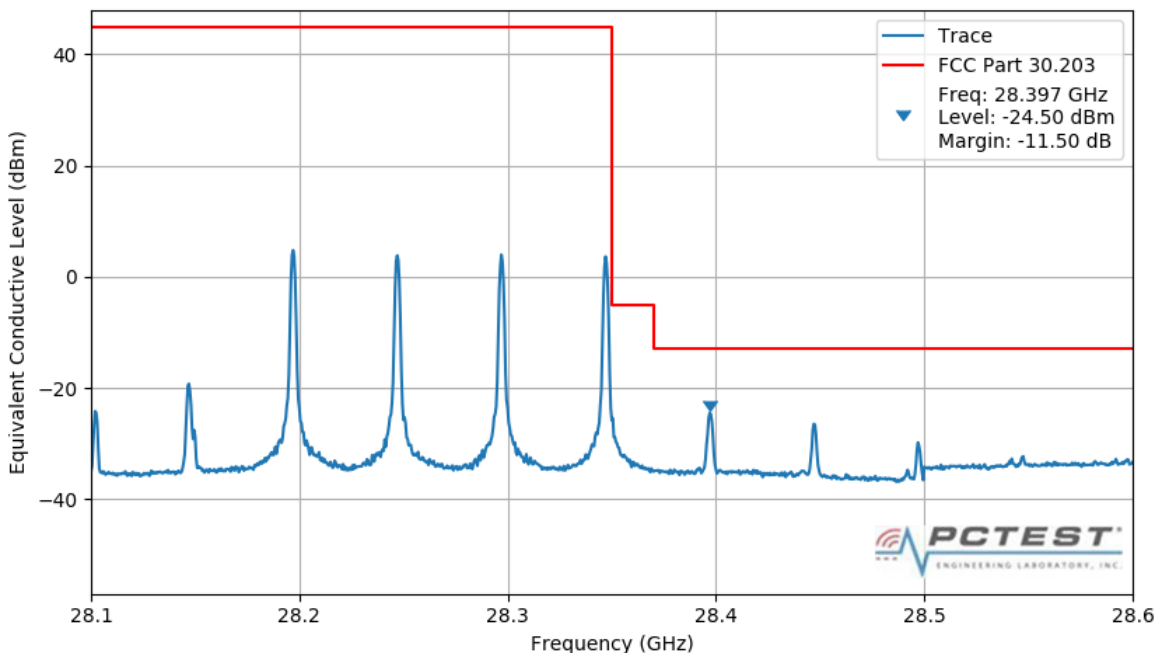
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 158 of 304

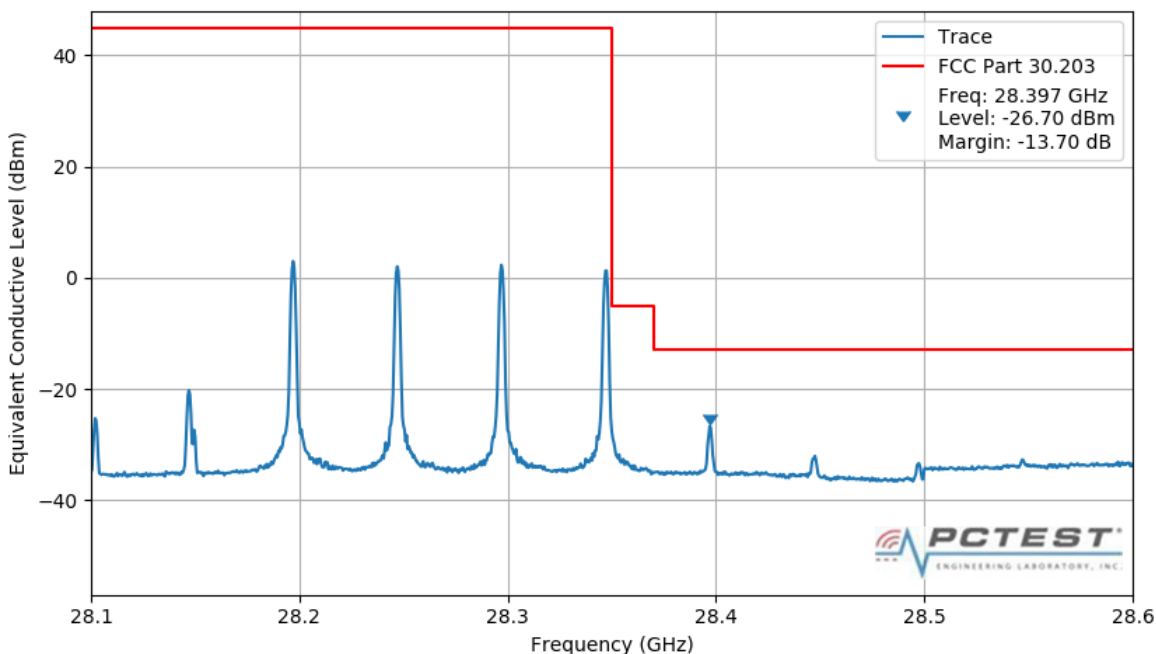
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-241. Band Edge Plot (4CC 50M 64QAM High Channel – 1 RB, 31 offset)

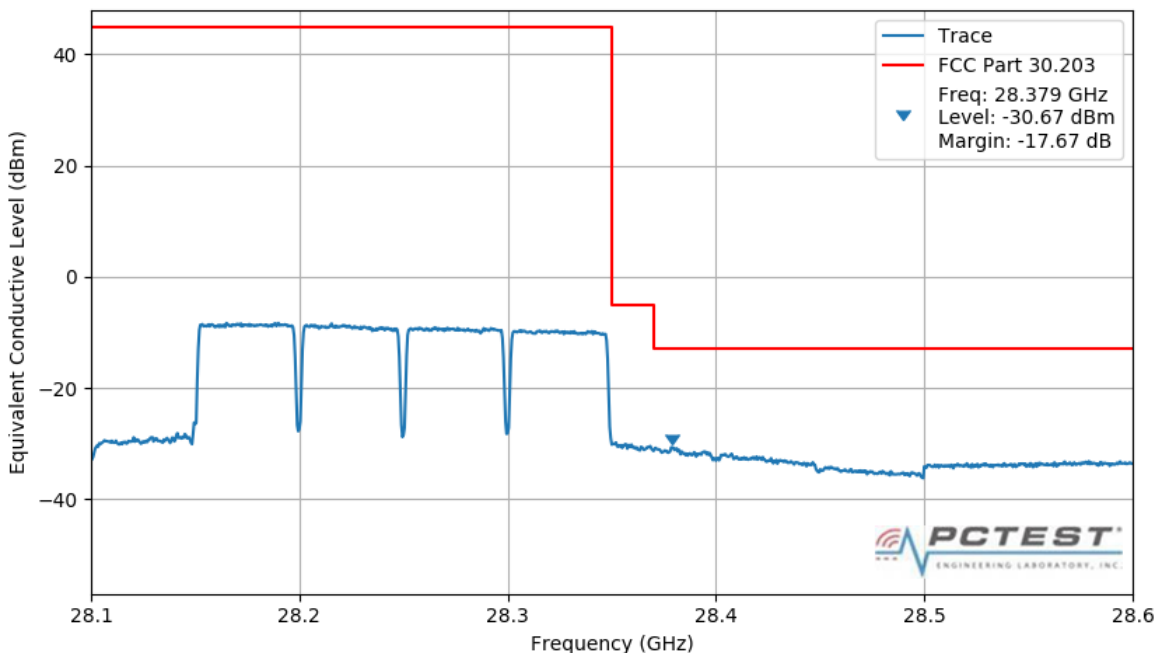
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



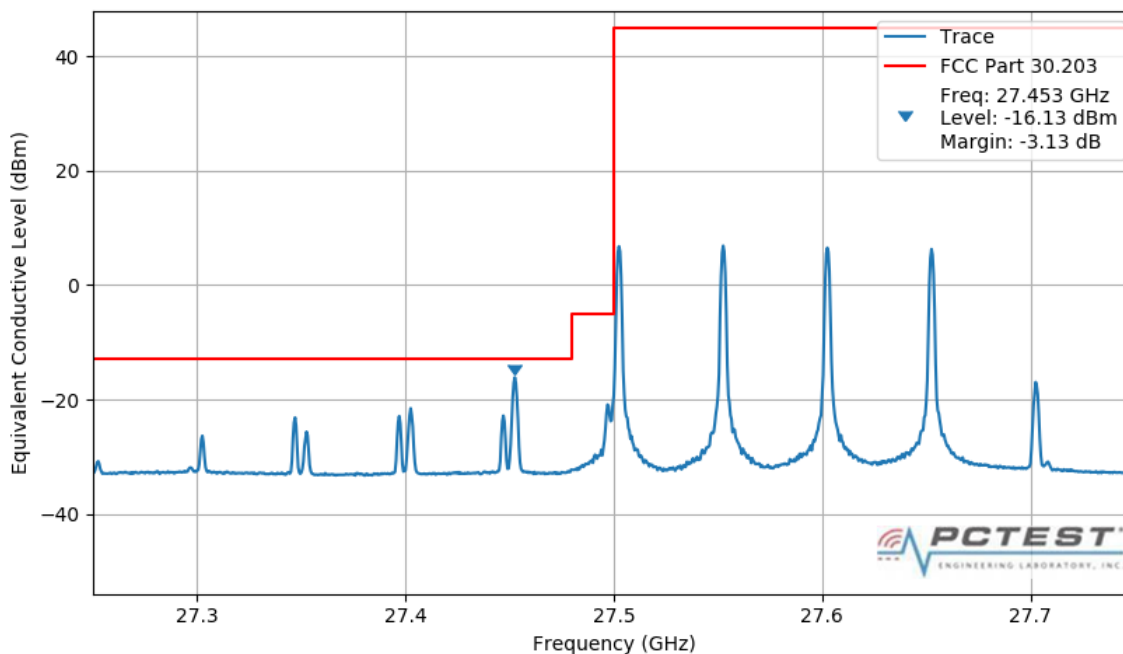
Plot 7-242. Band Edge Plot (4CC 50M QPSK High Channel – 32 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 159 of 304

QTM 0 - H + V

PASS

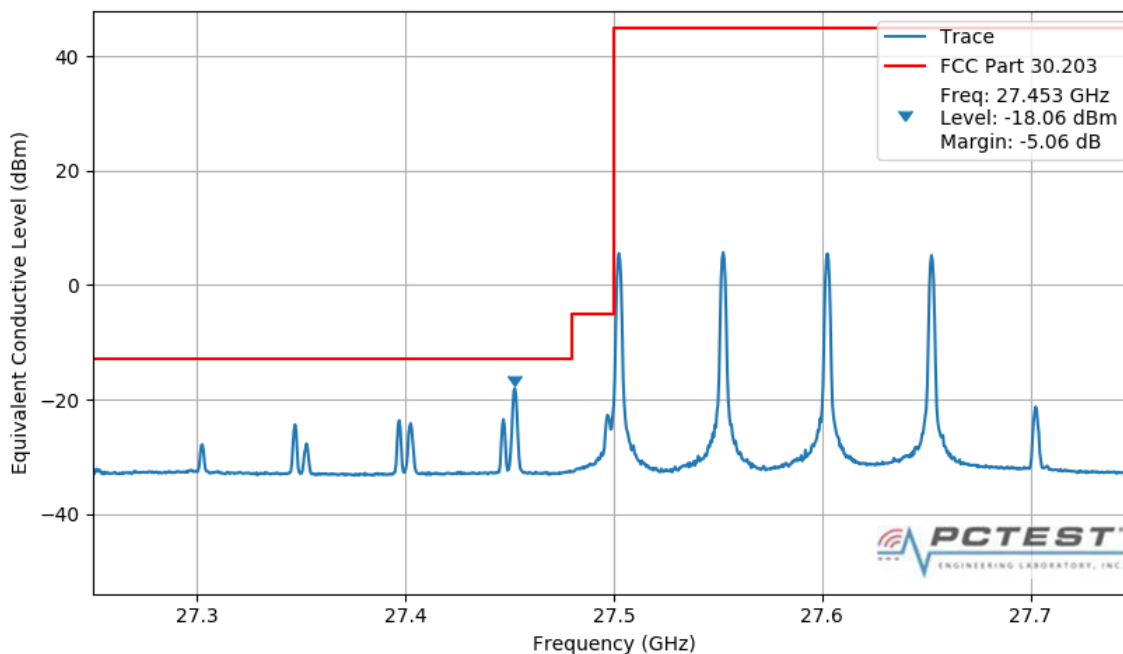
Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 500 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



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

PASS

Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 500 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



Plot 7-244. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 160 of 304

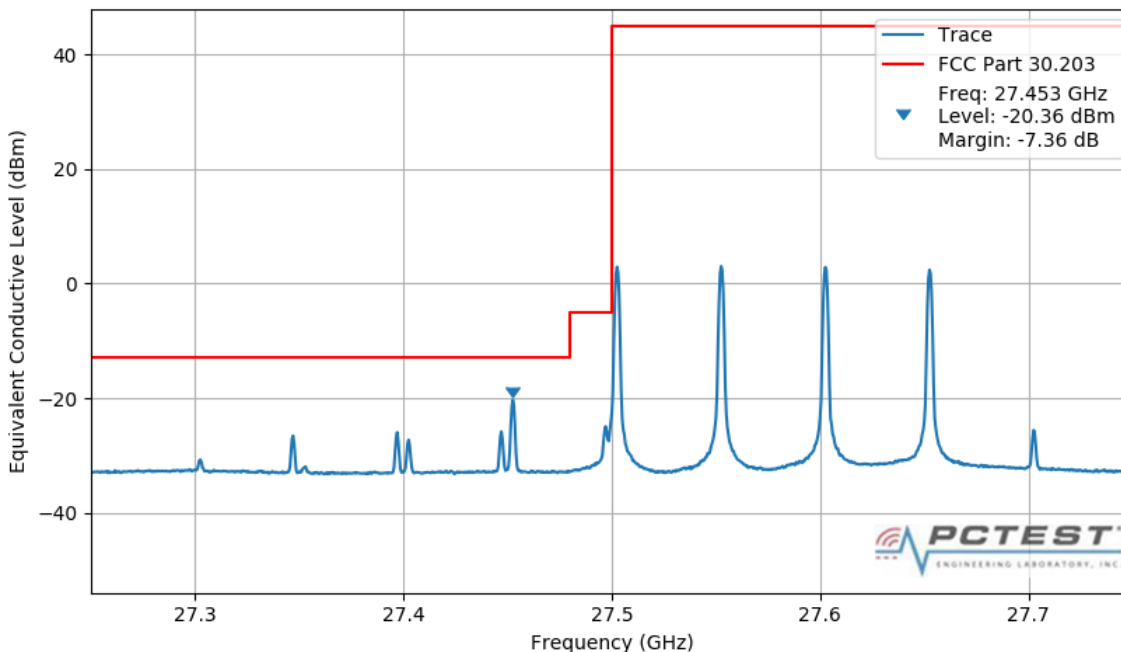
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-245. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB, 0 offset)

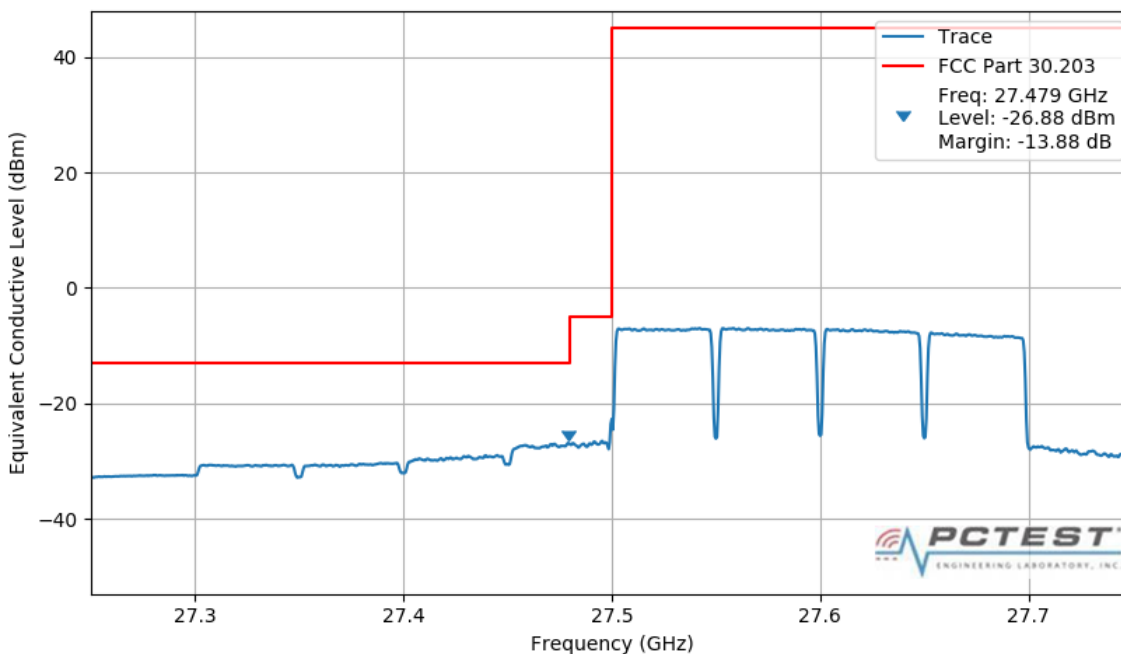
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 161 of 304

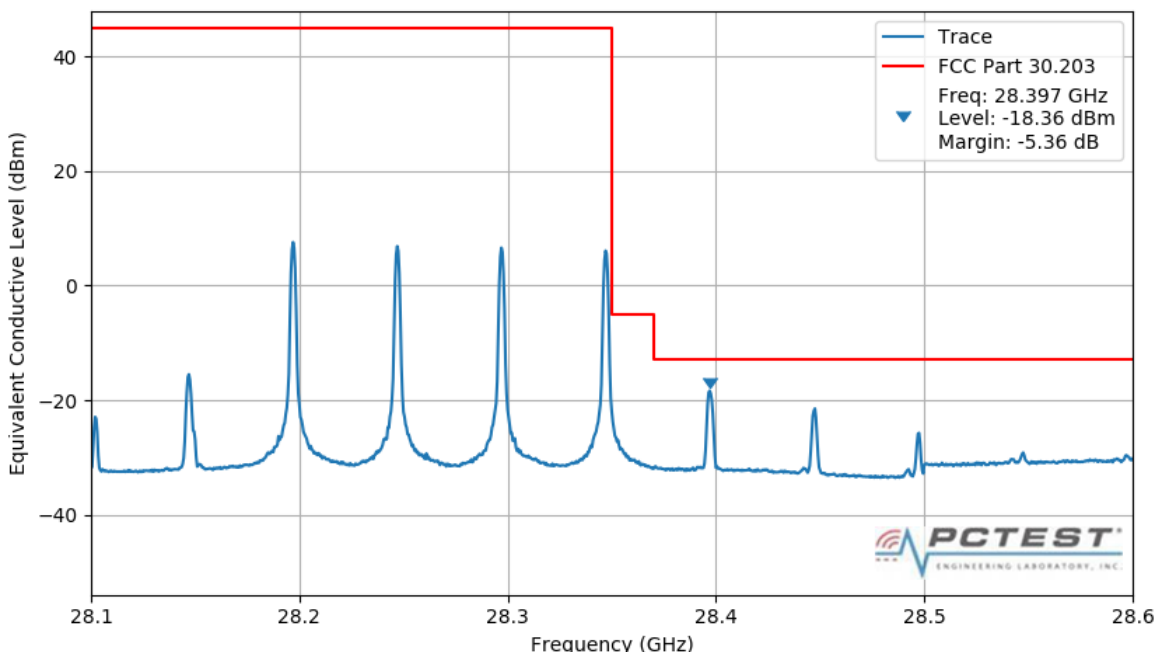
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-247. Band Edge Plot (4CC 50M QPSK High Channel – 1 RB, 31 offset)

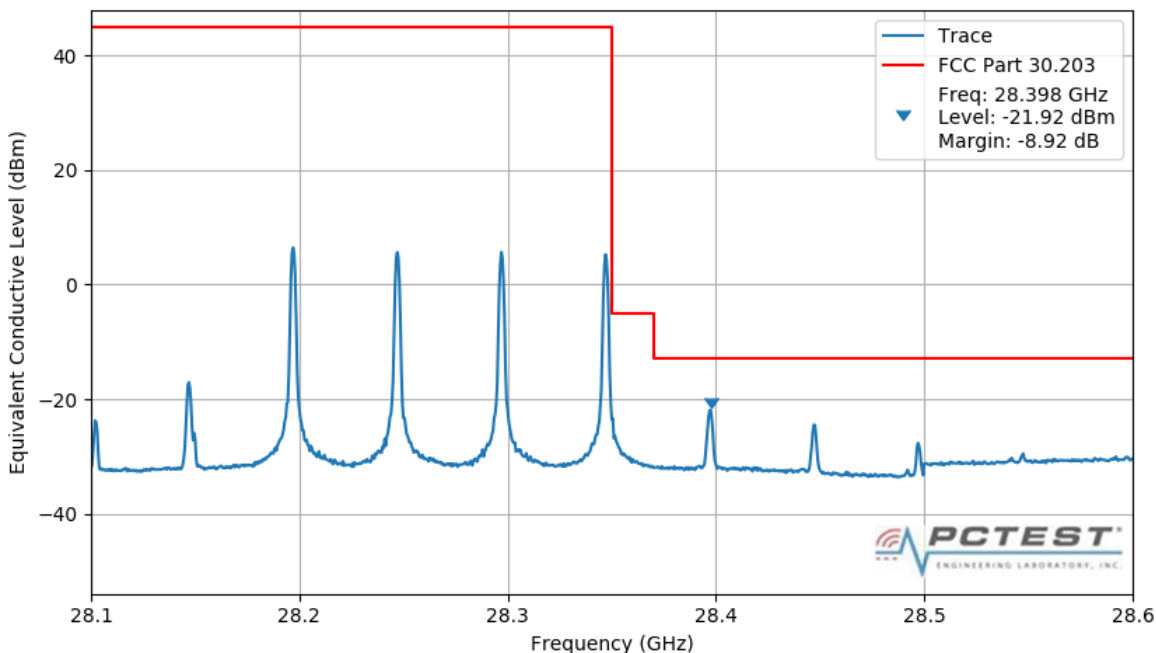
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 162 of 304

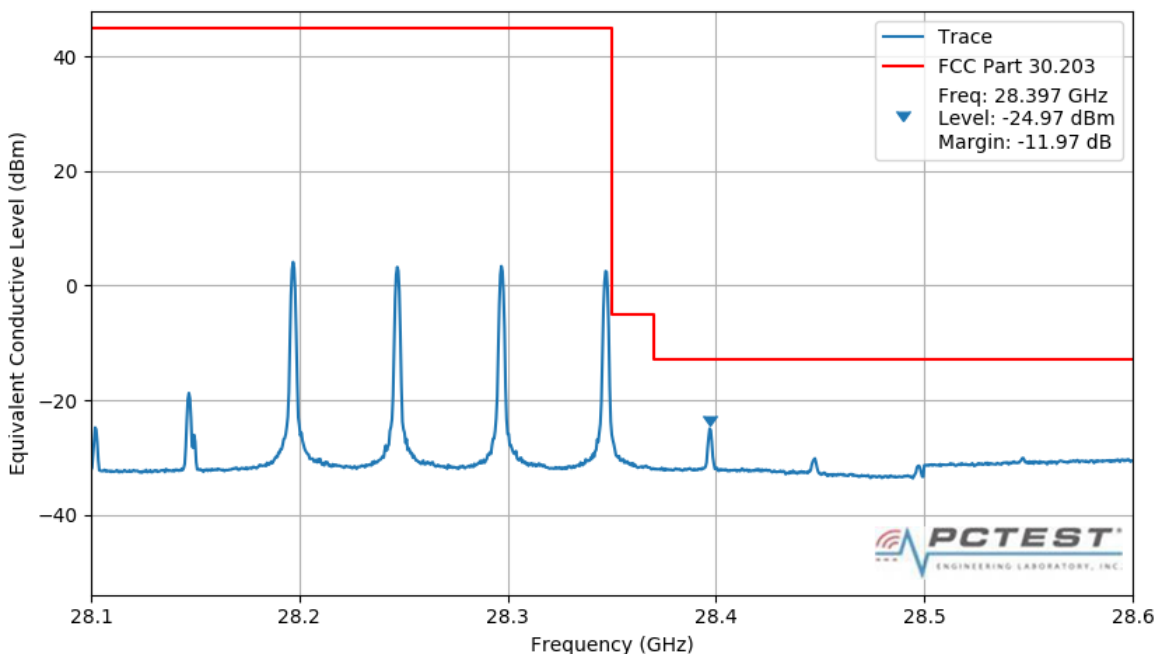
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-249. Band Edge Plot (4CC 50M 64QAM High Channel – 1 RB, 31 offset)

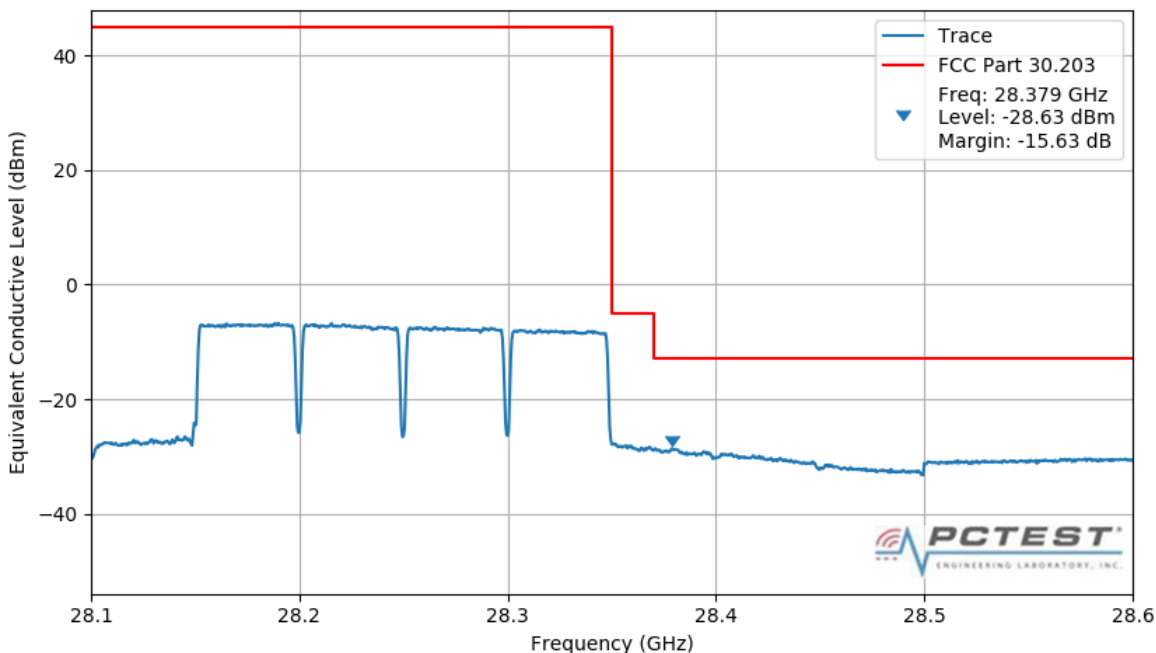
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



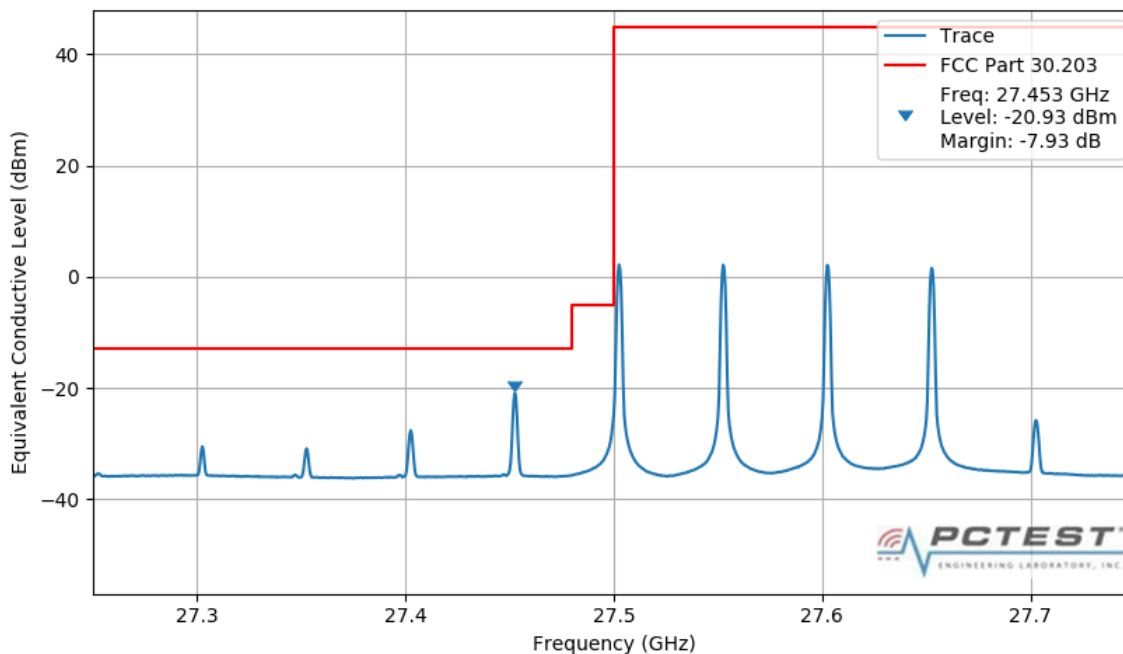
Plot 7-250. Band Edge Plot (4CC 50M QPSK High Channel – 32 RB, 0 offset)

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 163 of 304

QTM 1 - H

PASS

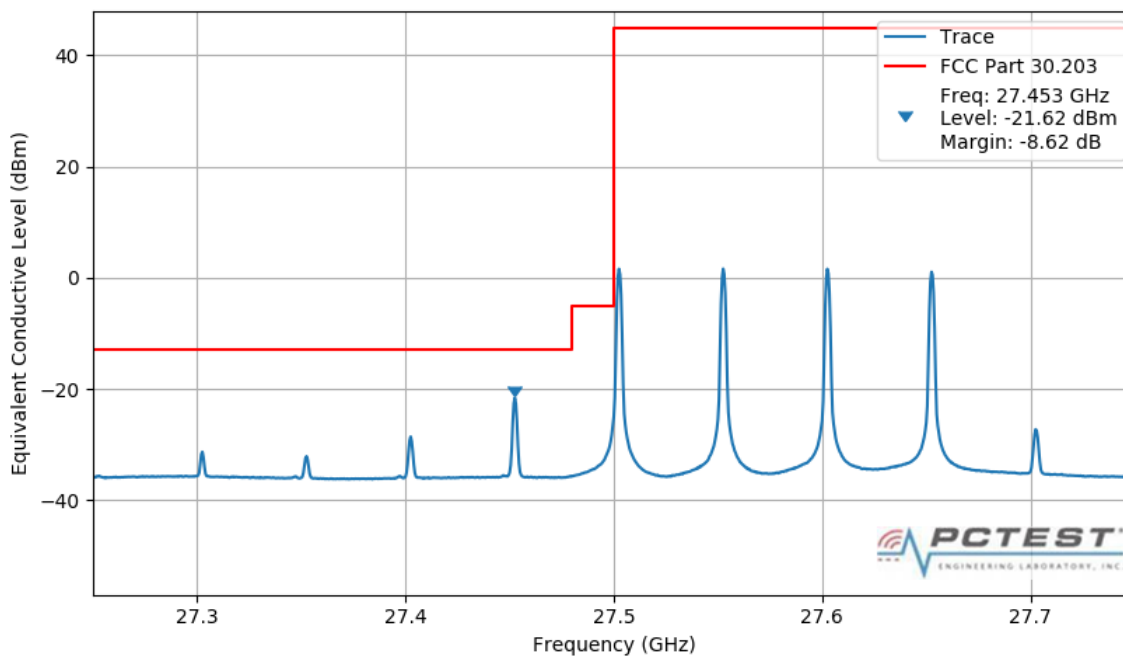
Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 500 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



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

PASS

Center Freq: 27.50 GHz Trace: AVERAGE RBW: 1 MHz SWP points: 1001
Span: 500 MHz Detector: RMS VBW: 3 MHz
Ref Level: 43.53 dBm Offset: 43.53 dB SWP Count: 100



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 164 of 304

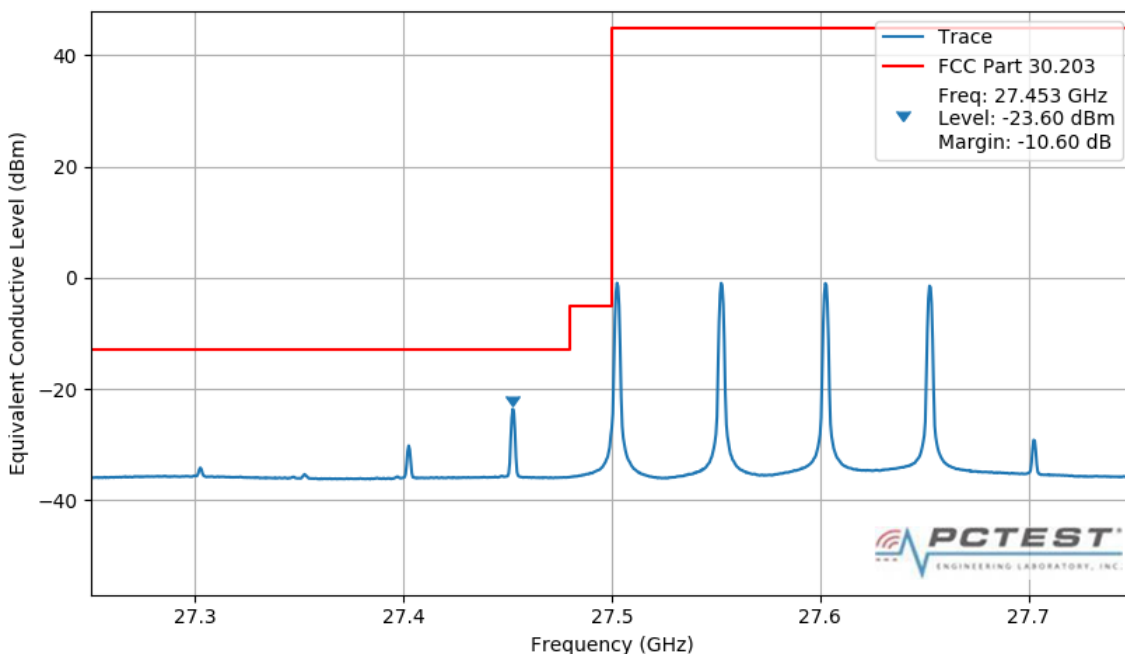
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

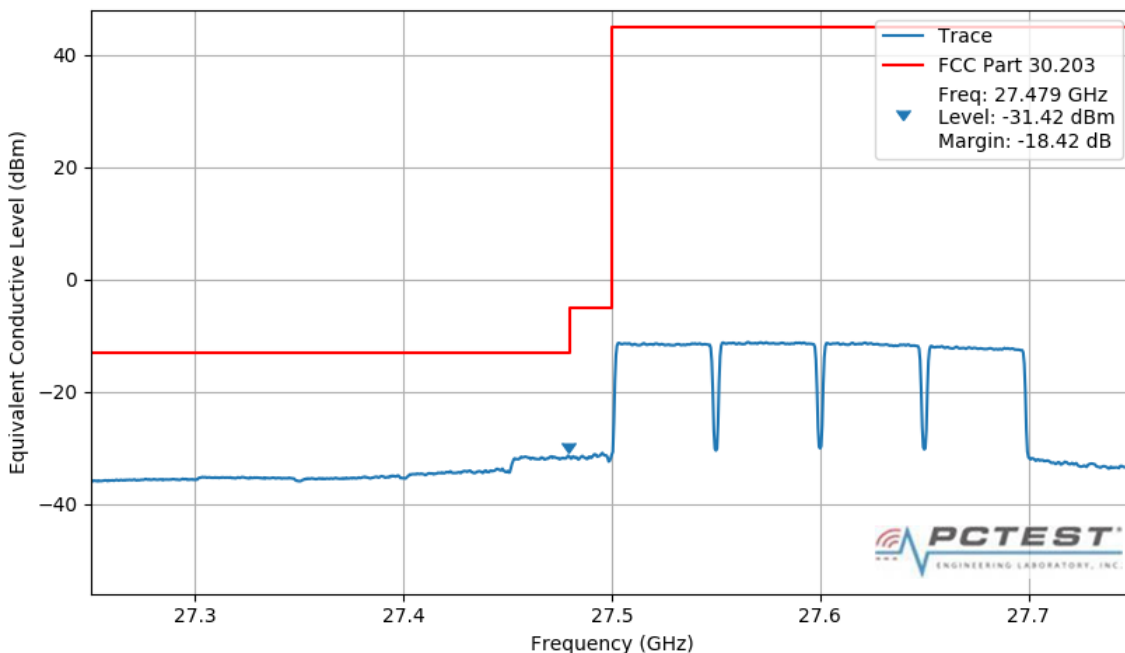
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-254. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 165 of 304

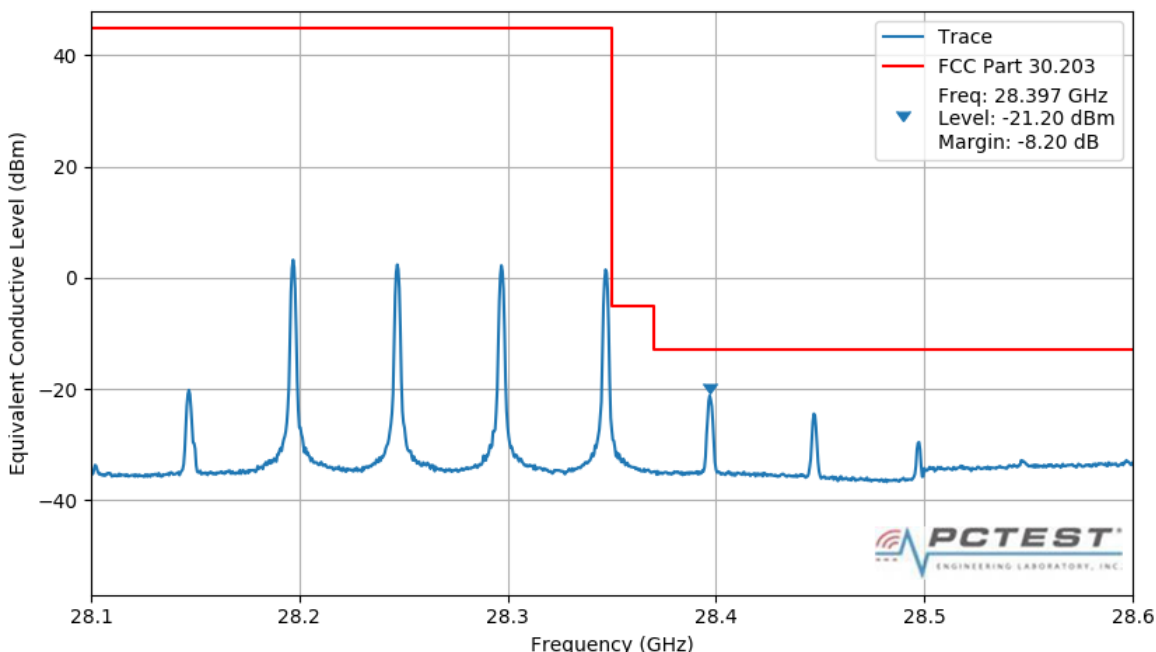
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

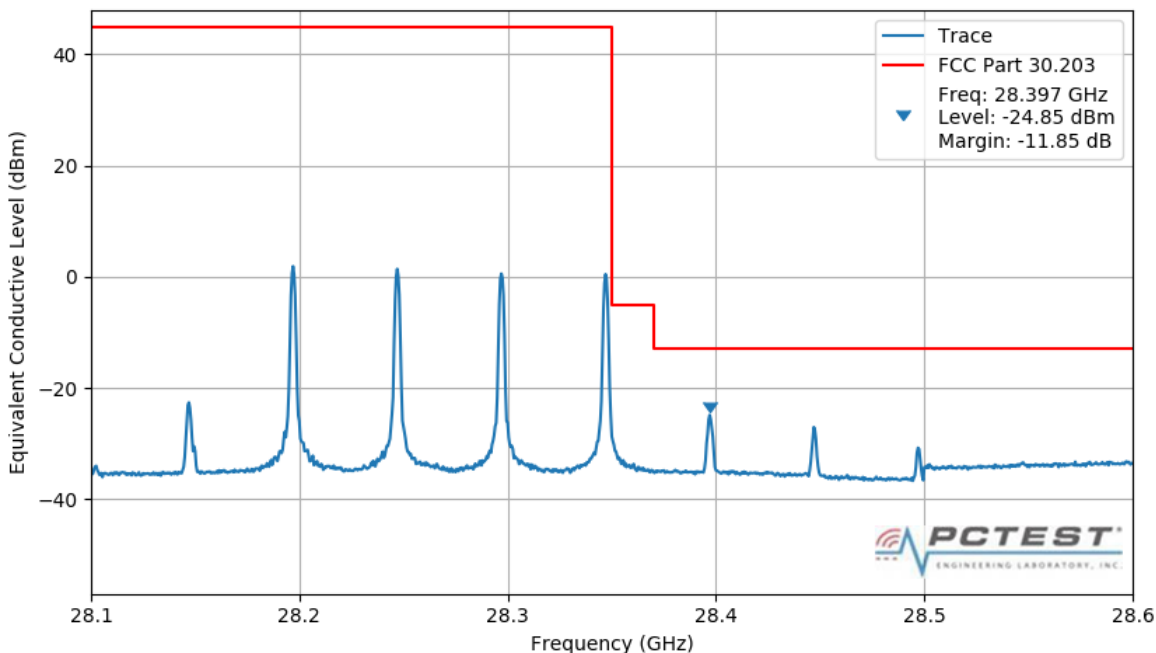
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 166 of 304

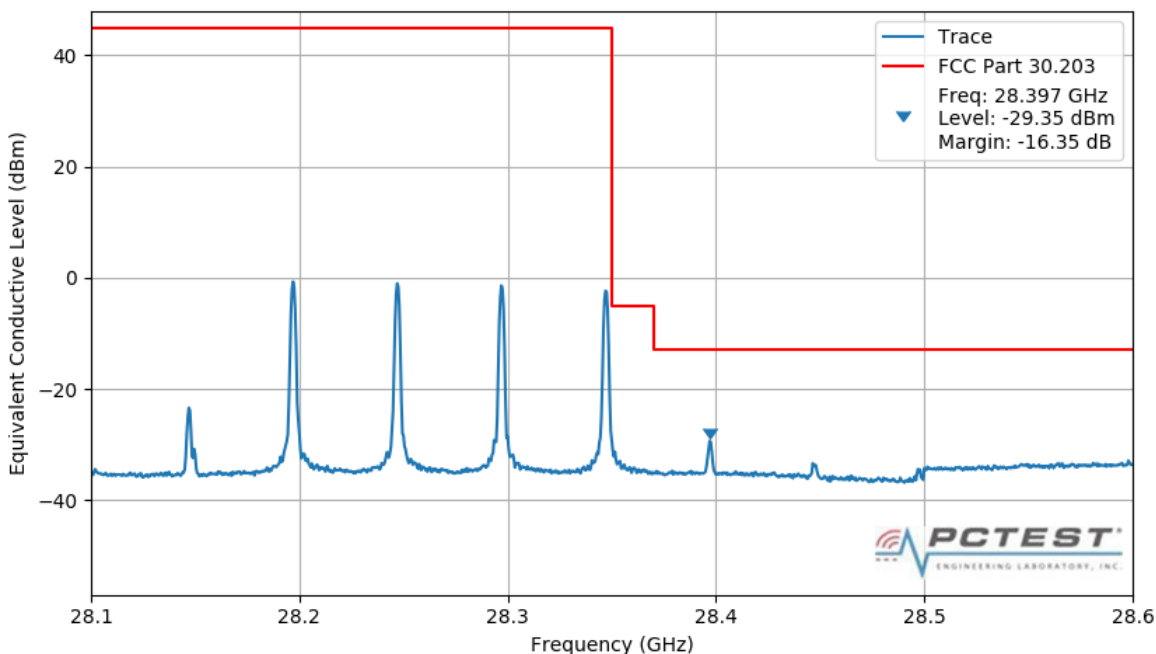
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-257. Band Edge Plot (4CC 50M 64QAM High Channel – 1 RB, 31 offset)

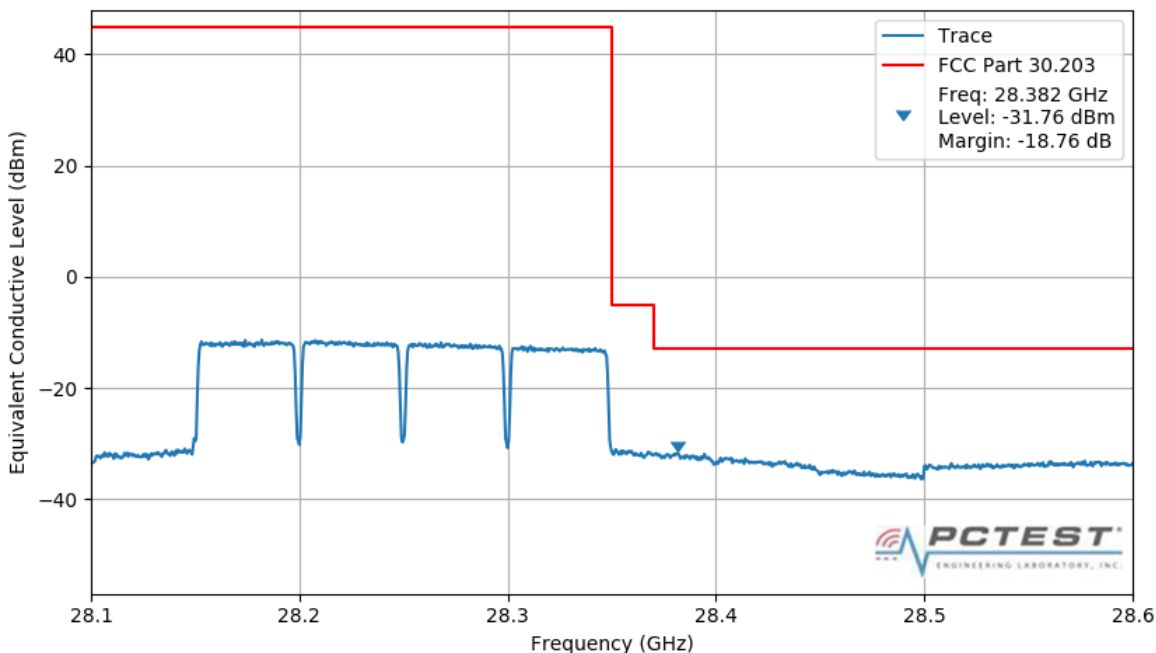
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 167 of 304

QTM 1 - V

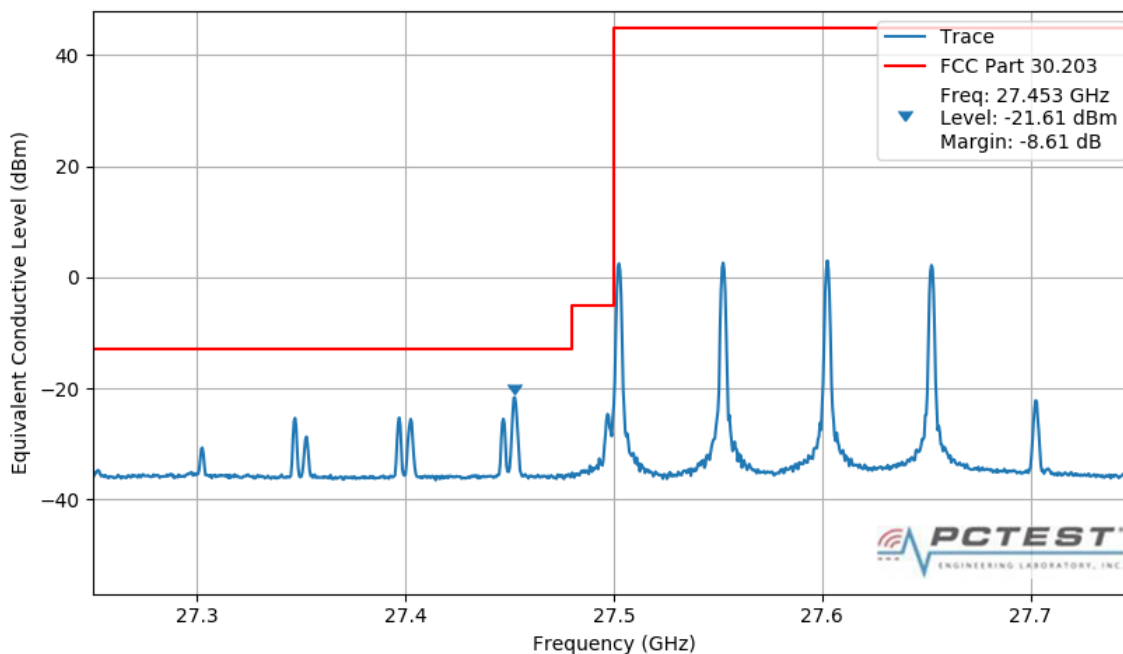
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

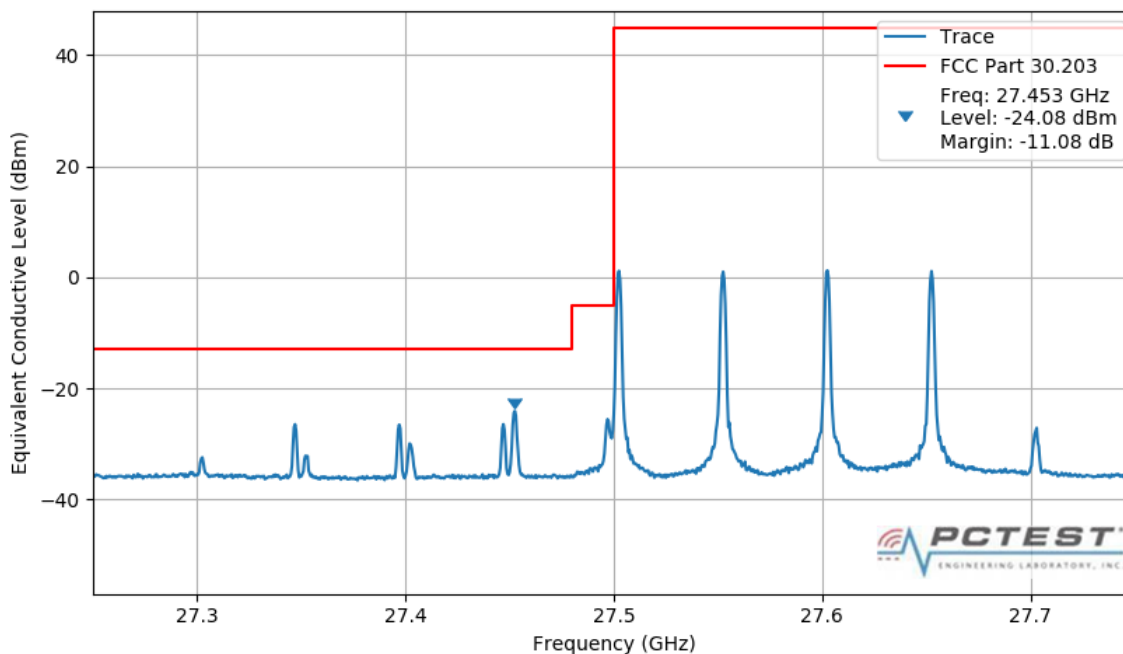
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-260. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 168 of 304

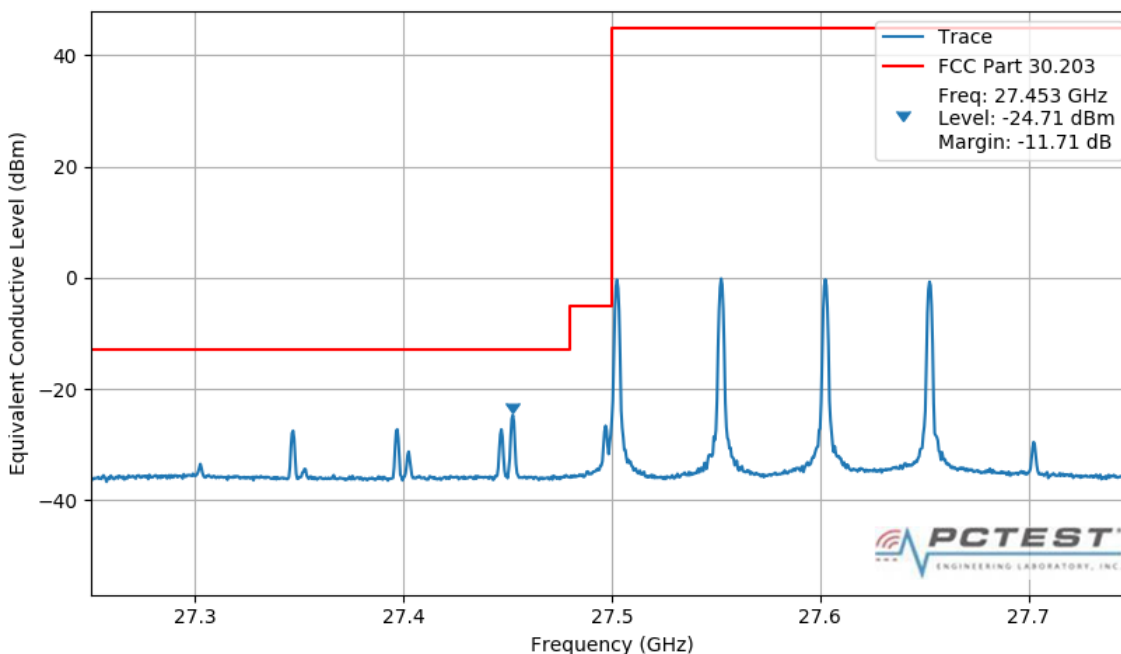
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-261. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB, 0 offset)

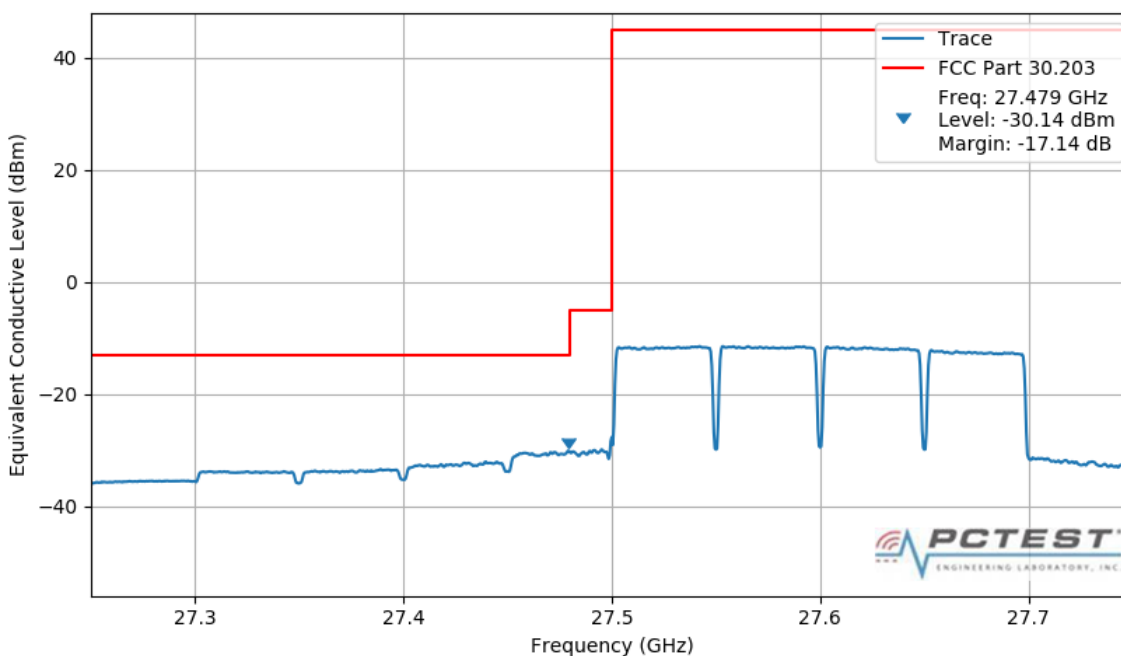
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

FCC ID: ZNFV450VM		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 169 of 304

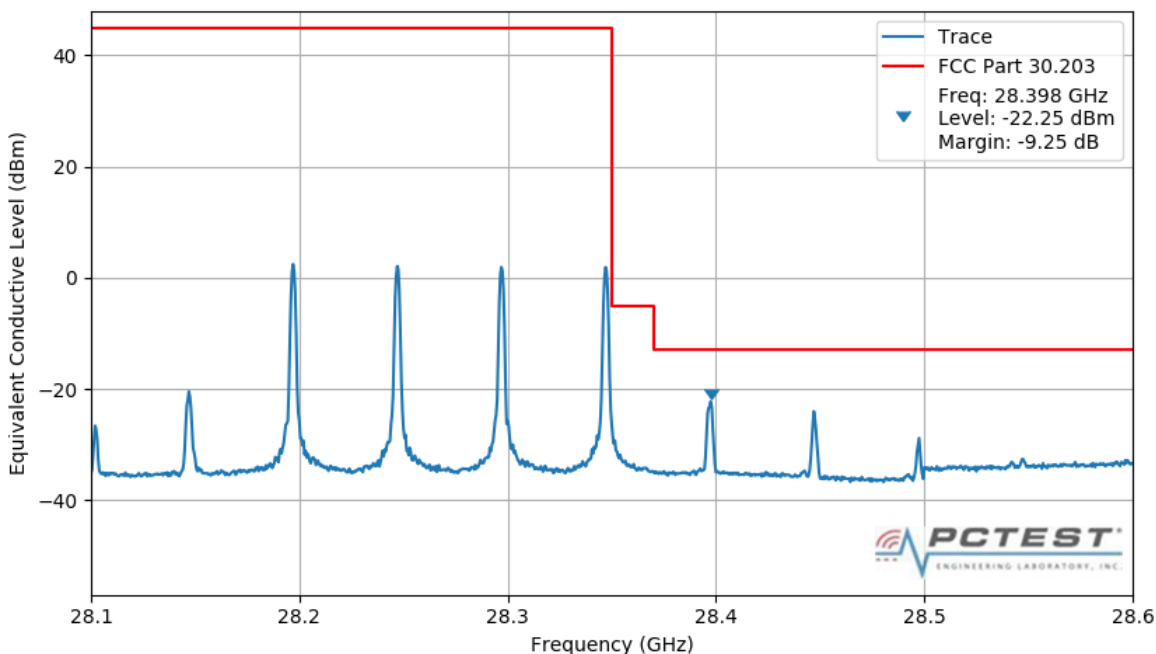
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-263. Band Edge Plot (4CC 50M QPSK High Channel – 1 RB, 31 offset)

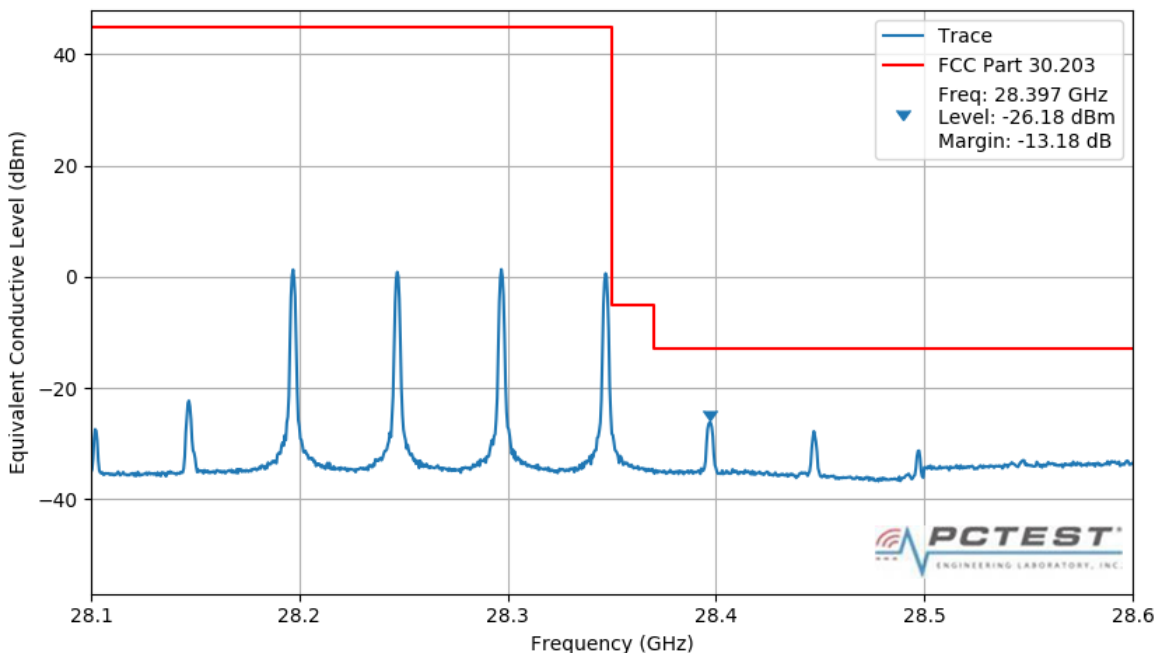
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 170 of 304

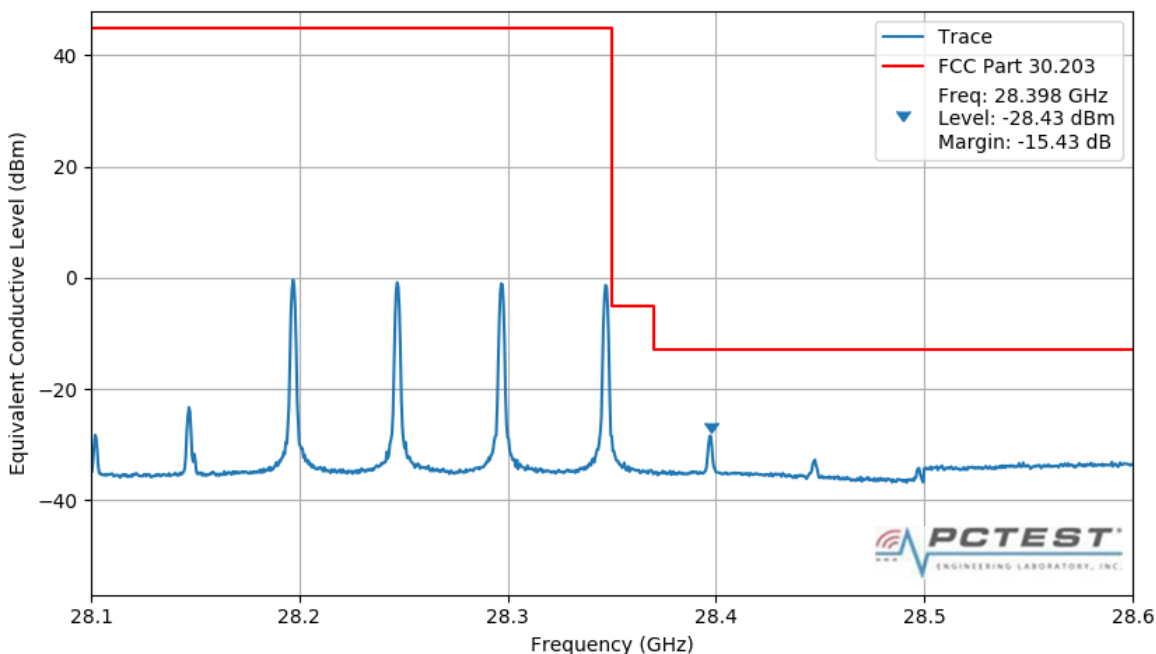
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-265. Band Edge Plot (4CC 50M 64QAM High Channel – 1 RB, 31 offset)

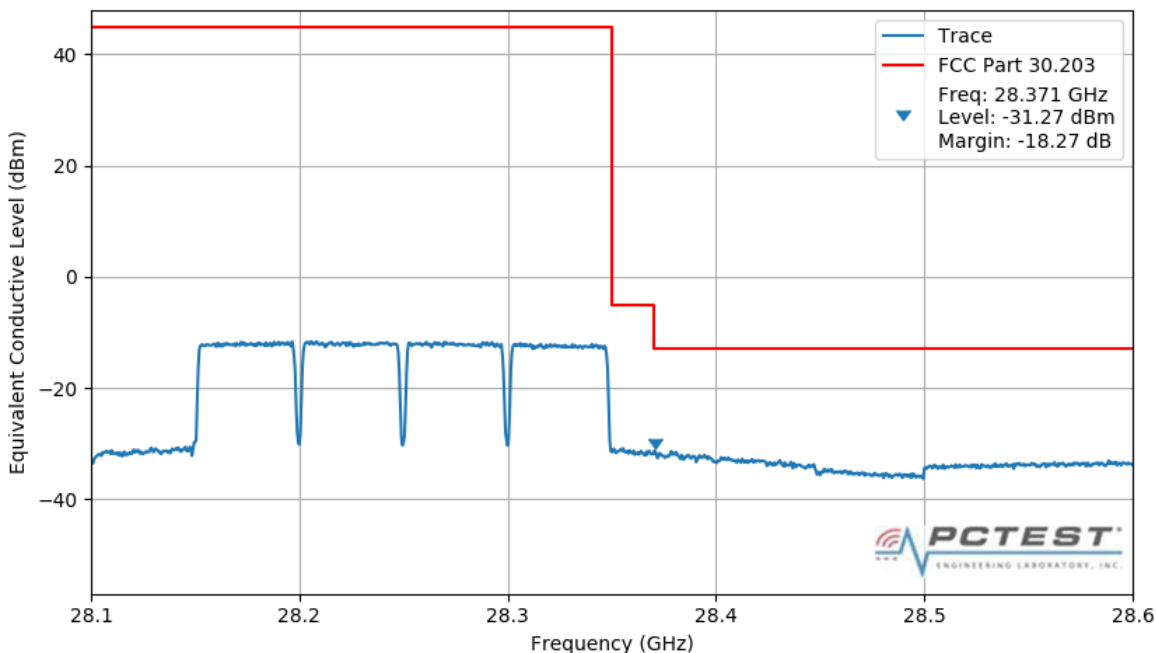
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 171 of 304

QTM 1 - H + V

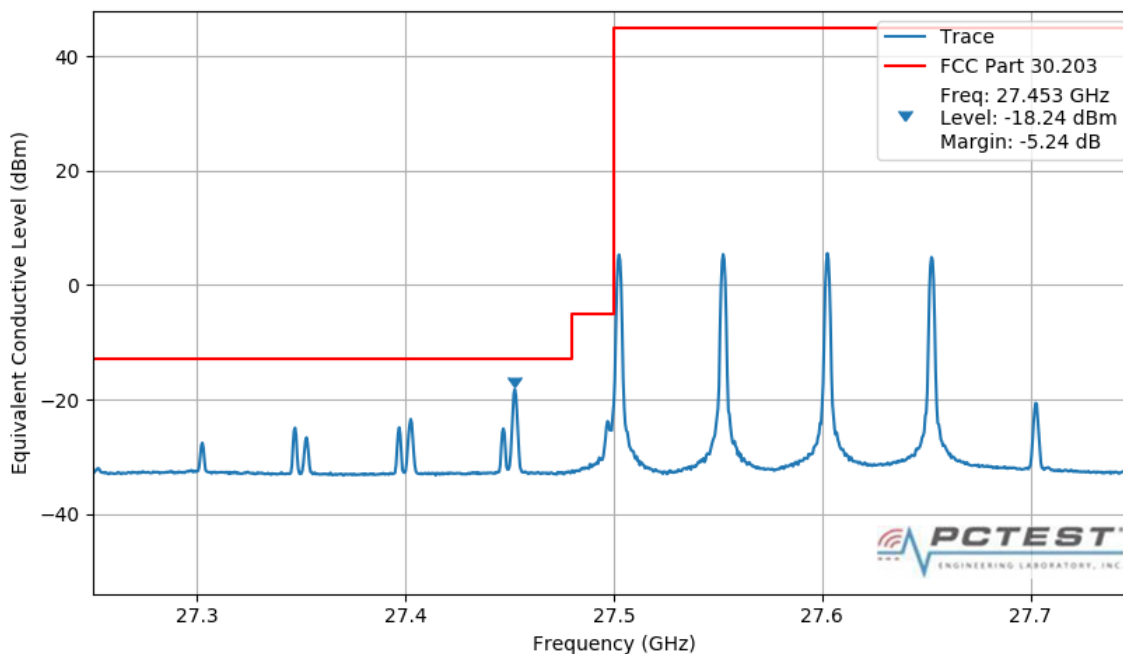
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

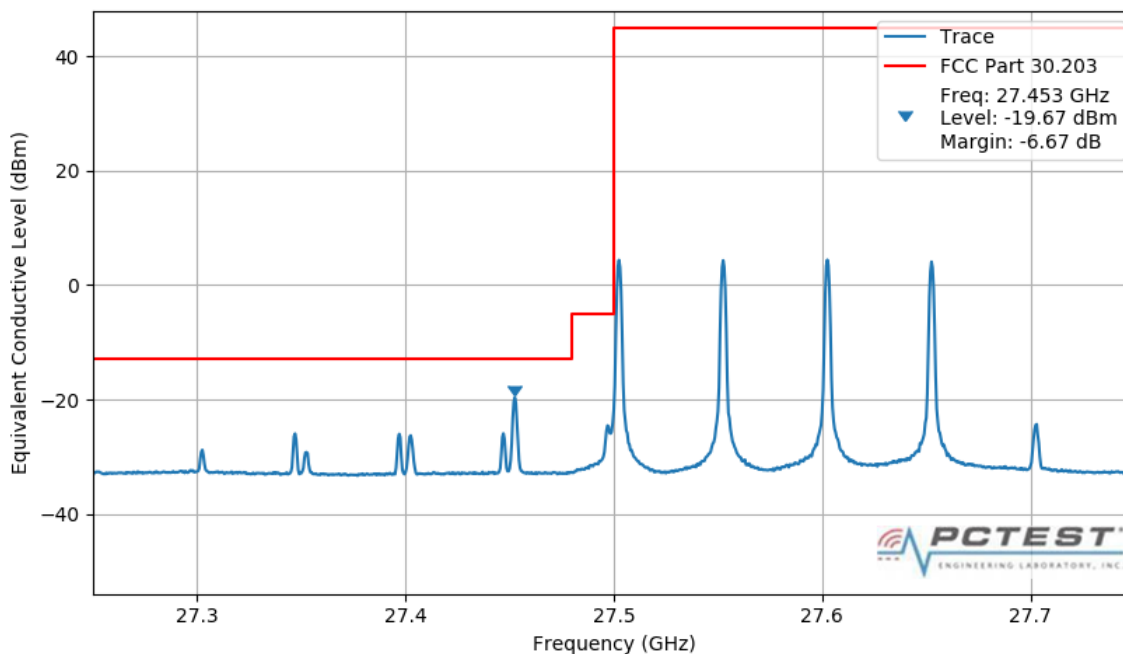
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-268. 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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 172 of 304

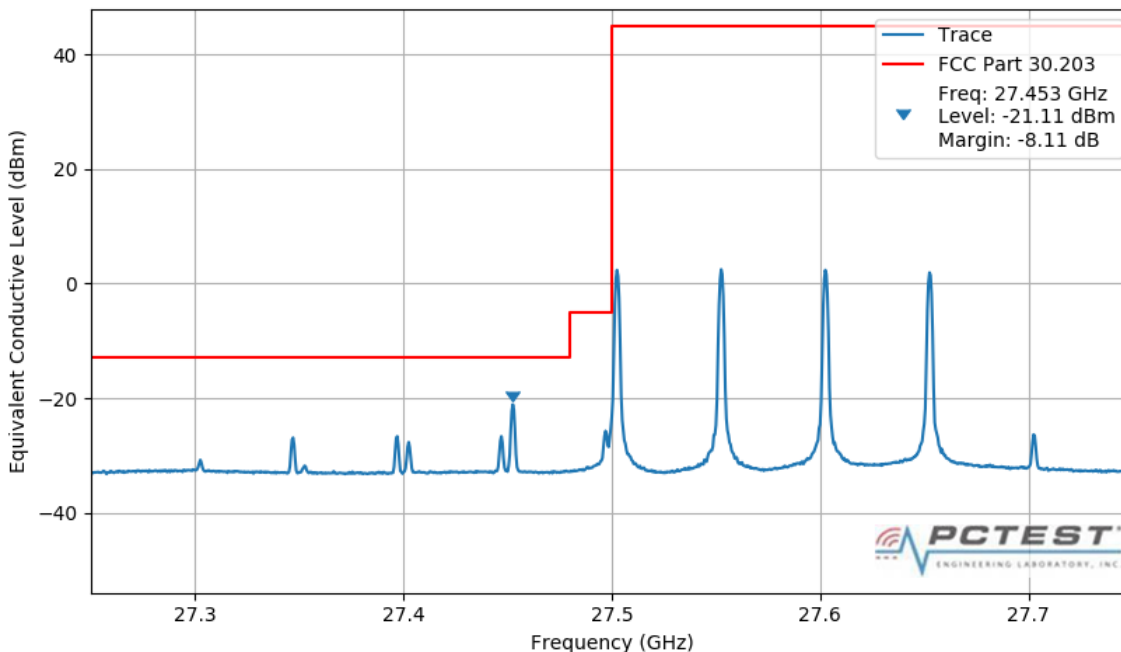
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-269. Band Edge Plot (4CC 50M 64QAM Low Channel – 1 RB, 0 offset)

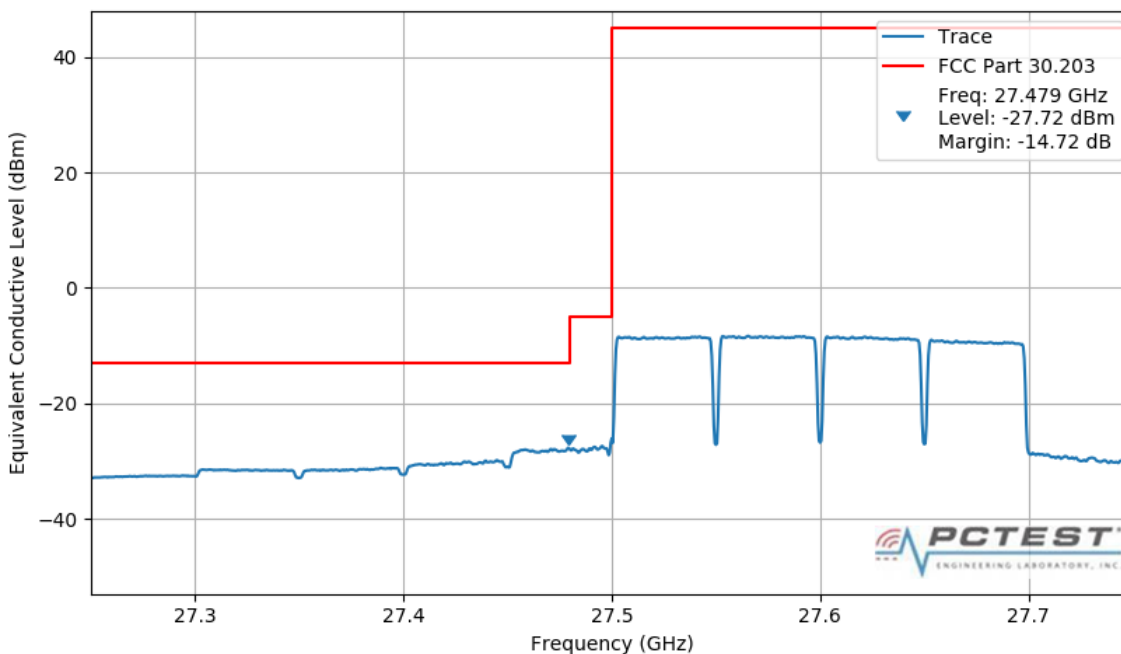
PASS

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

Trace: AVERAGE
Detector: RMS
Offset: 43.53 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

FCC ID: ZNFV450VM		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 173 of 304

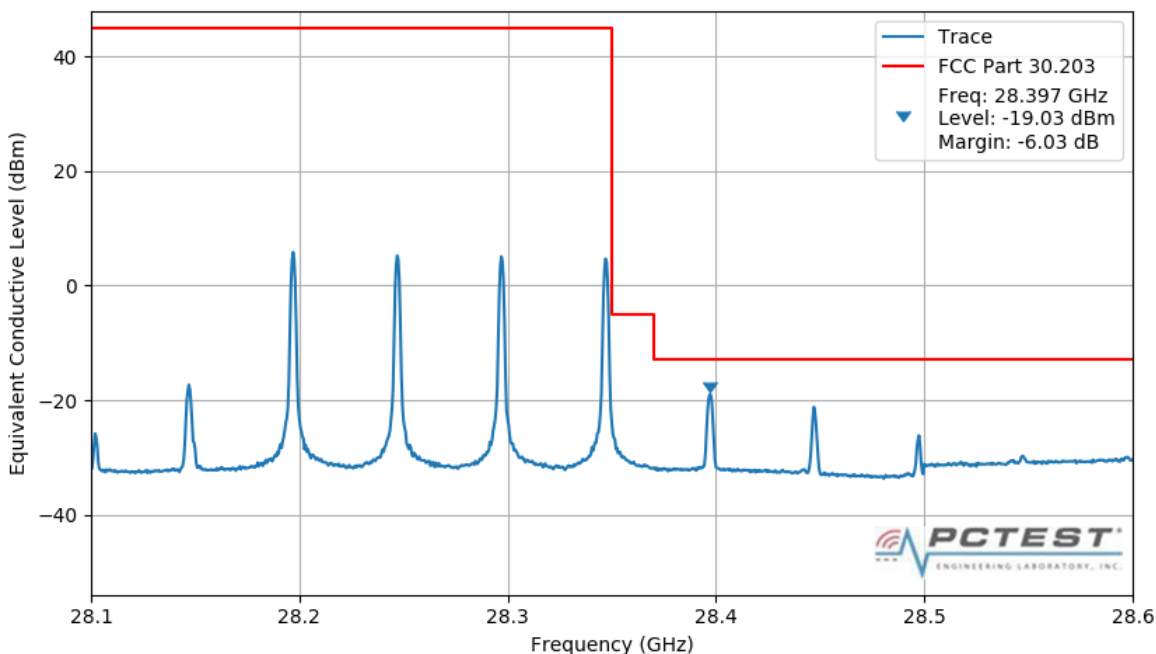
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-271. Band Edge Plot (4CC 50M QPSK High Channel – 1 RB, 31 offset)

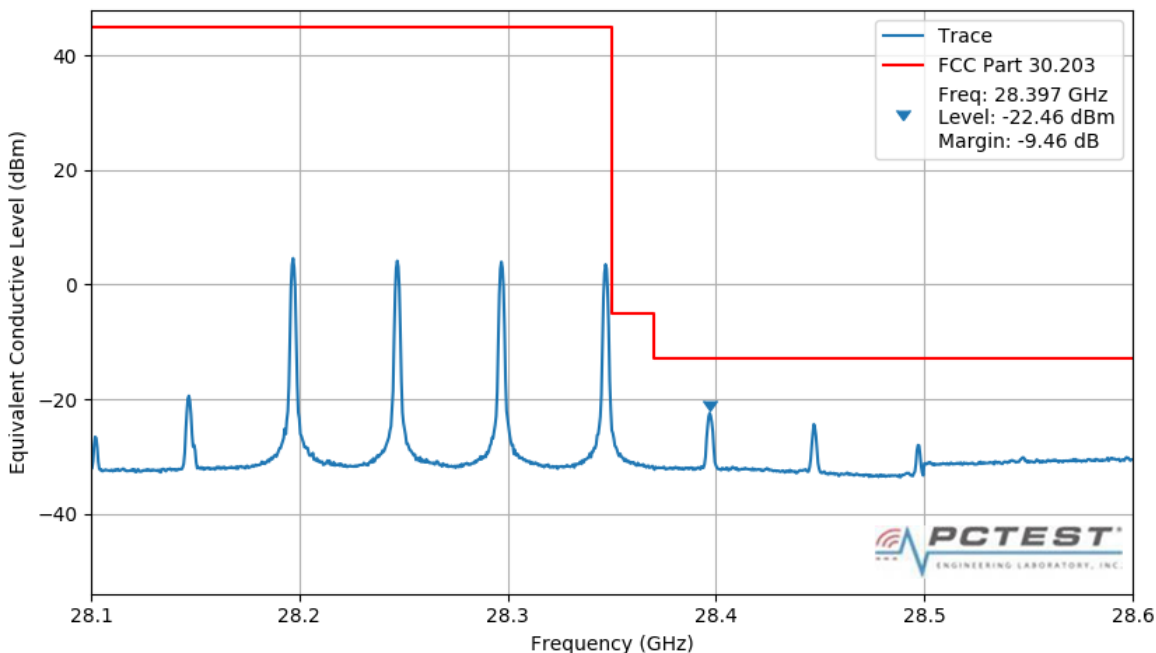
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 174 of 304

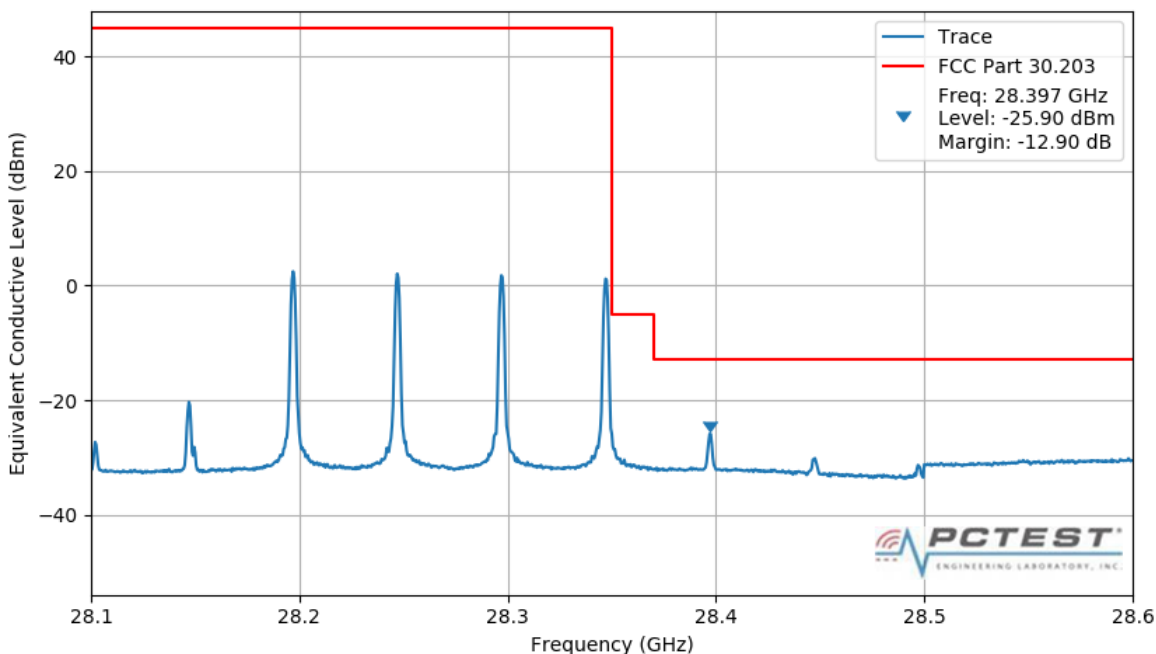
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



Plot 7-273. Band Edge Plot (4CC 50M 64QAM High Channel – 1 RB, 31 offset)

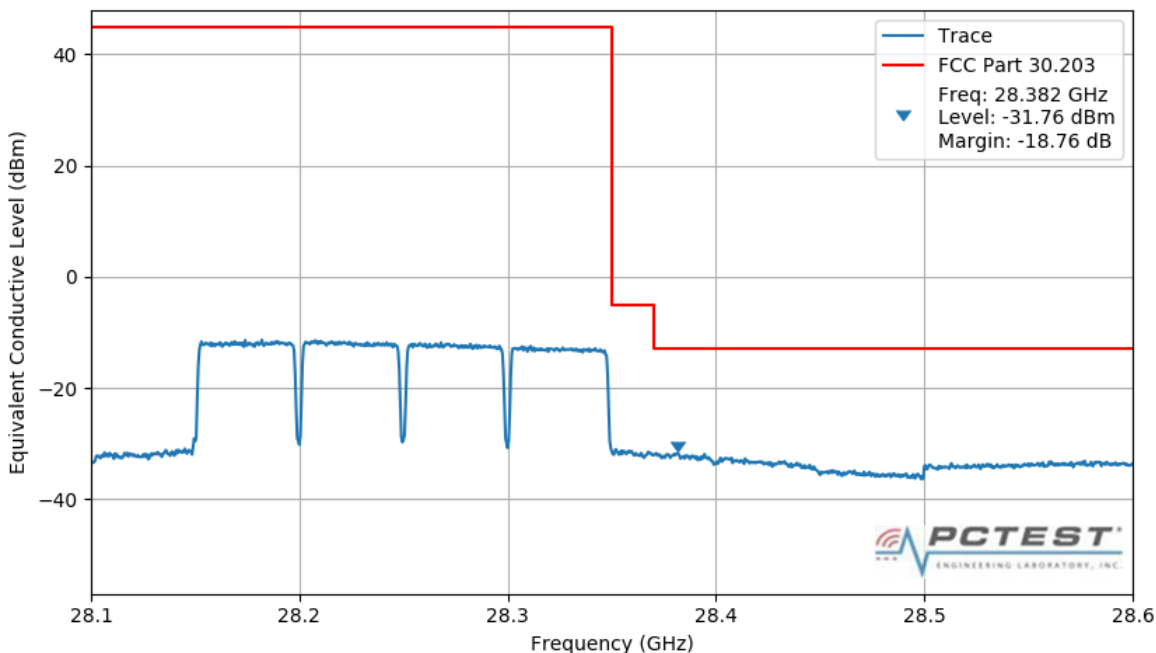
PASS

Center Freq: 28.35 GHz
Span: 500 MHz
Ref Level: 43.60 dBm

Trace: AVERAGE
Detector: RMS
Offset: 43.60 dB

RBW: 1 MHz
VBW: 3 MHz
SWP Count: 100

SWP points: 1001



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

FCC ID: ZNFV450VM	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M1901150005-14-R2.ZNF	Test Dates: 1/21 -4/26/2019	EUT Type: Portable Handset		Page 175 of 304