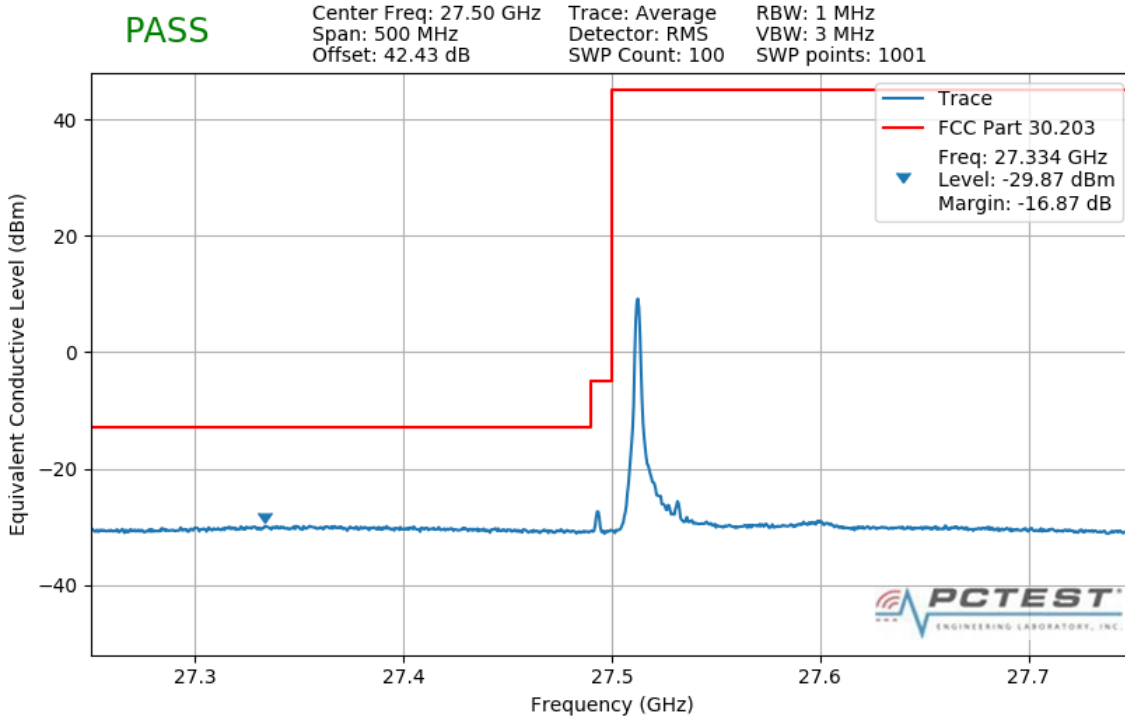
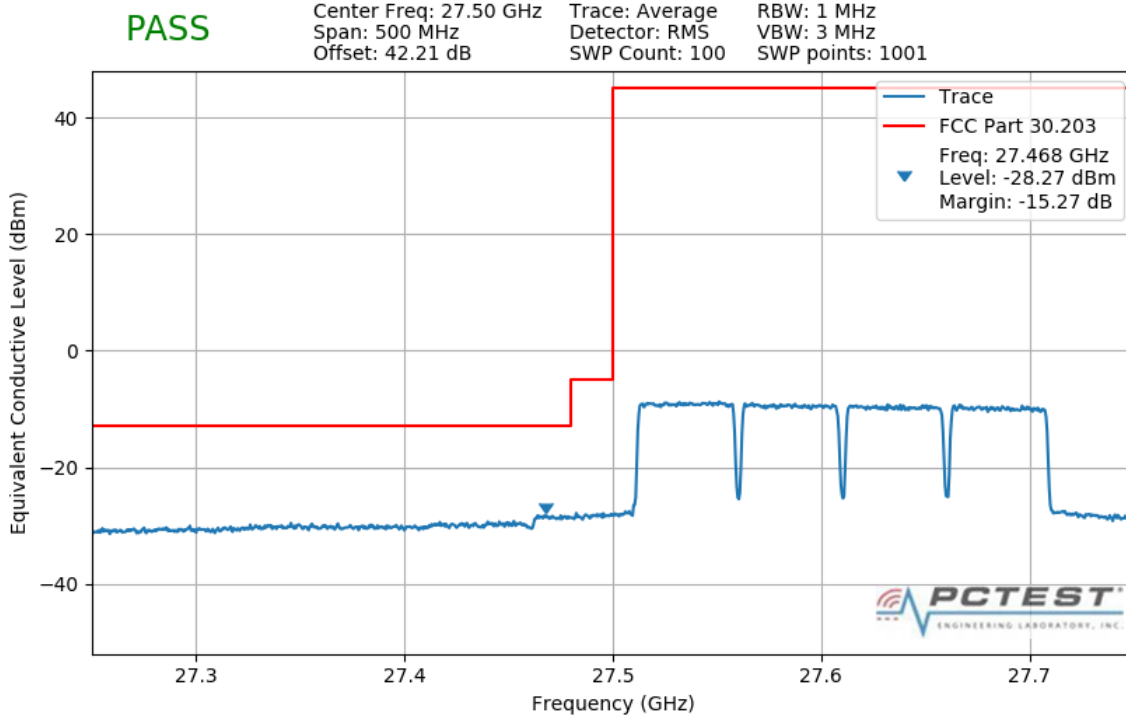


Plot 7-447. Lower Band Edge Plot (1CC 100MHz 16QAM 1 RB)

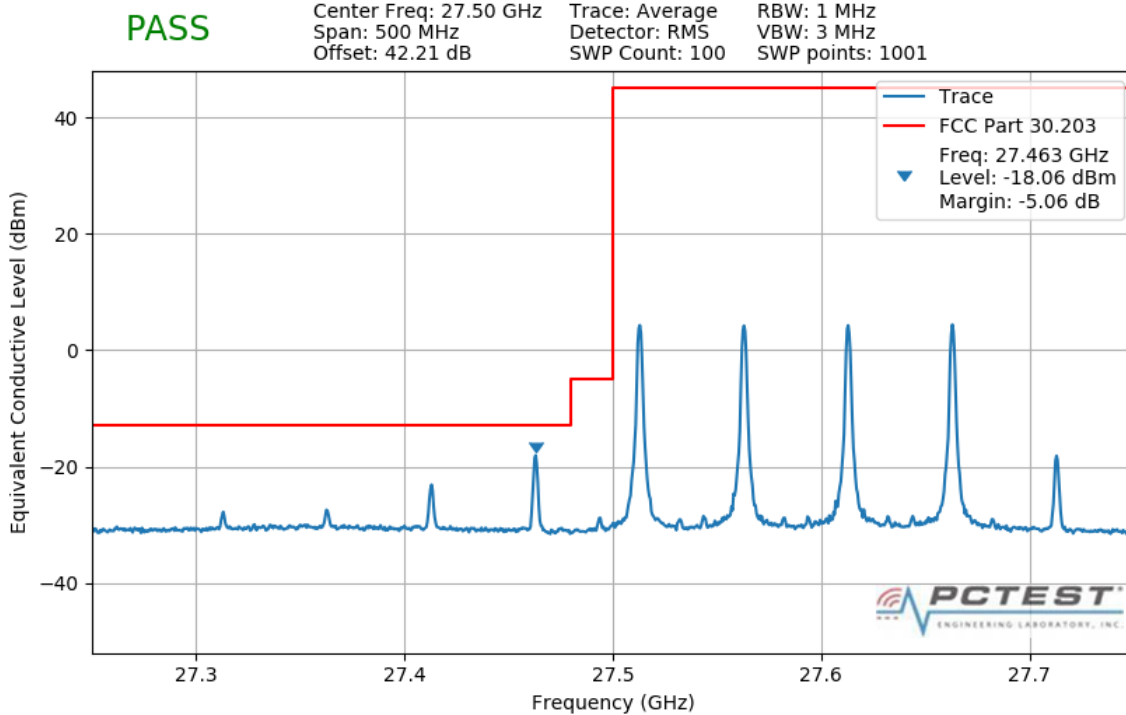


Plot 7-448. Lower Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 271 of 337

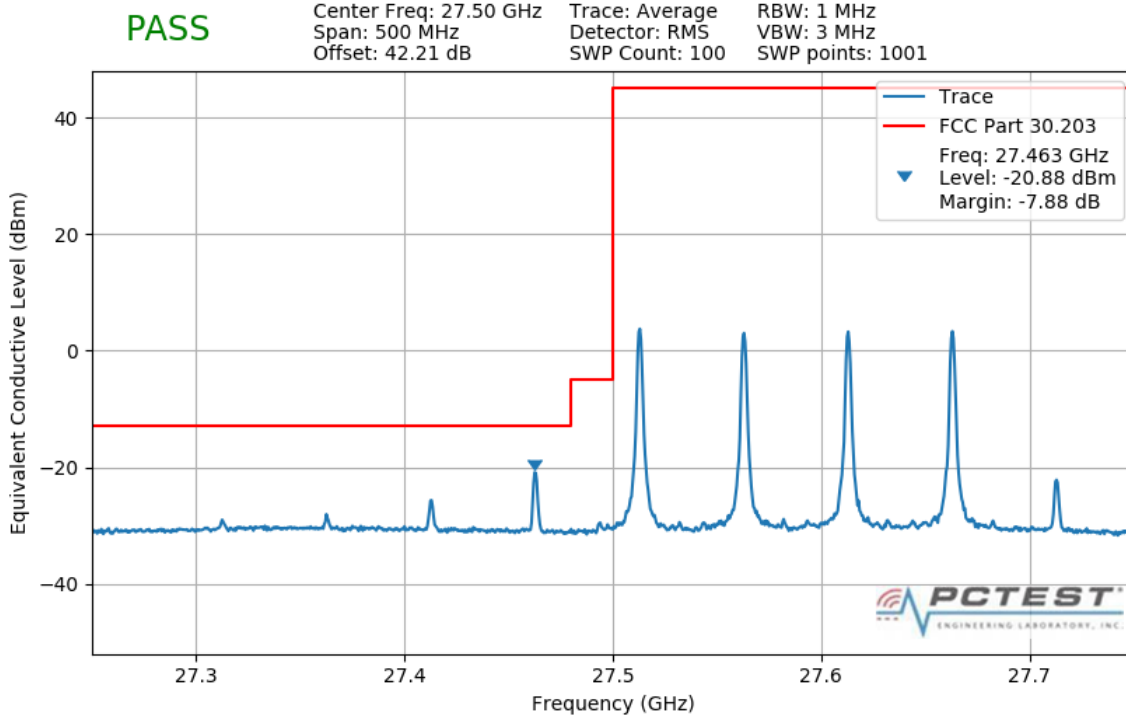


Plot 7-449. Lower Band Edge Plot (4CC 200MHz QPSK Full RB)

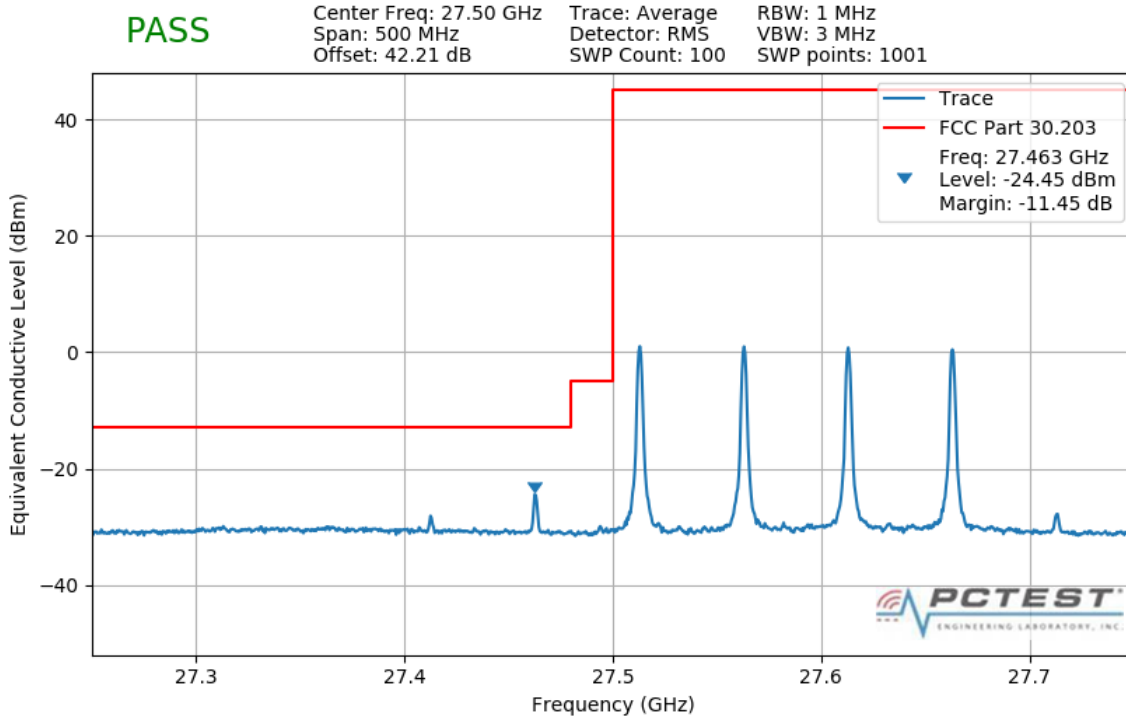


Plot 7-450. Lower Band Edge Plot (4CC 200MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 272 of 337

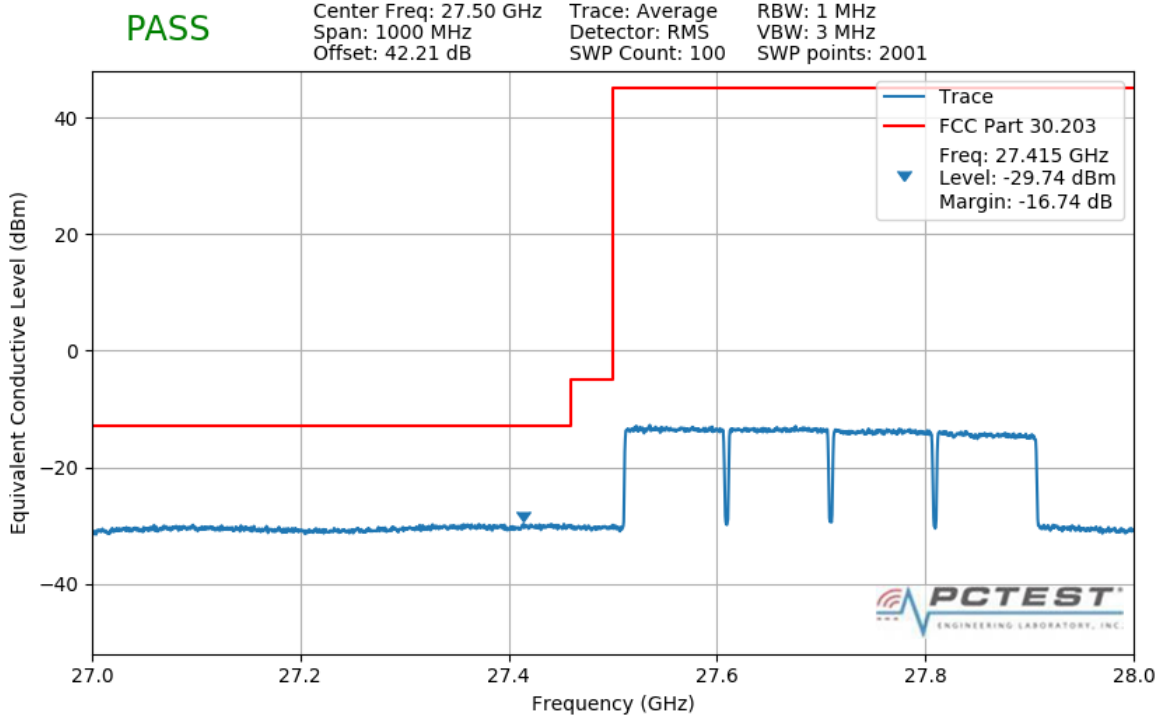


Plot 7-451. Lower Band Edge Plot (4CC 200MHz 16QAM 1 RB)

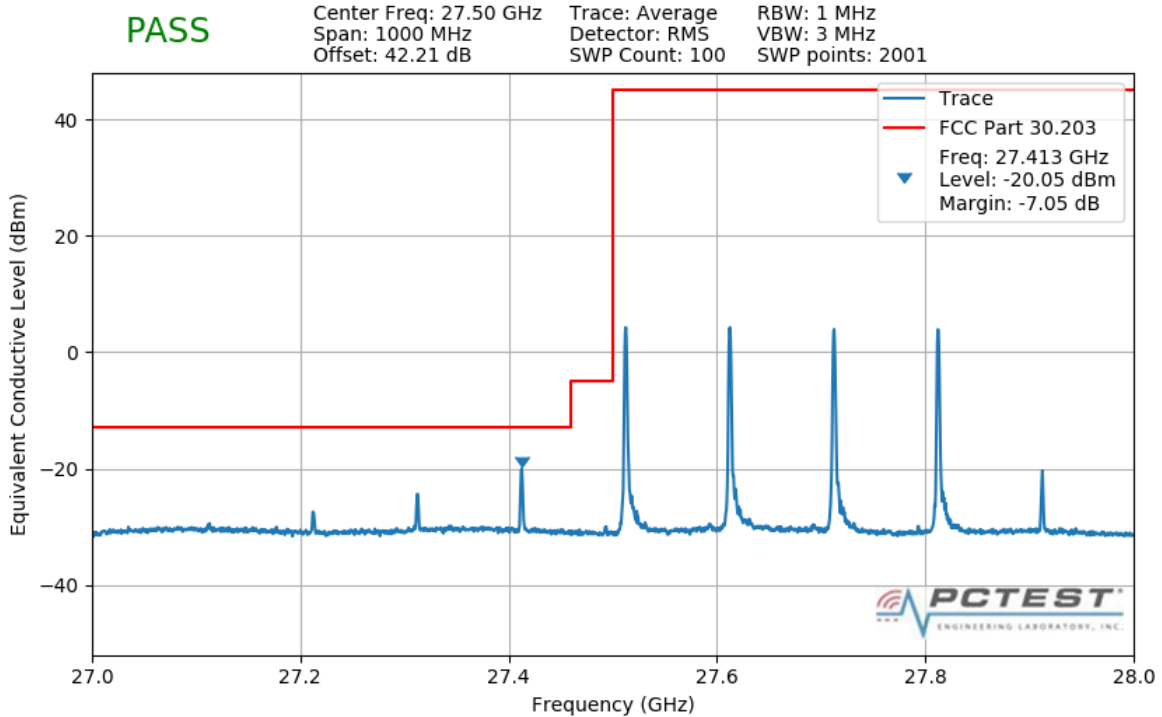


Plot 7-452. Lower Band Edge Plot (4CC 200MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 273 of 337

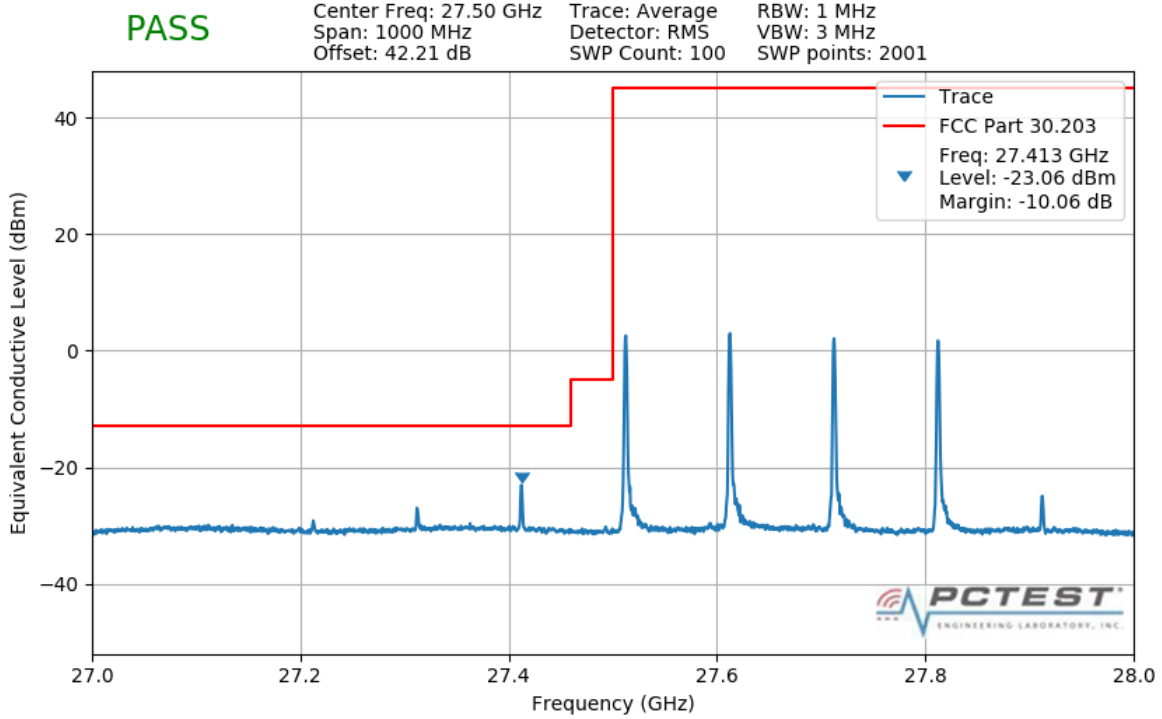


Plot 7-453. Lower Band Edge Plot (4CC 400MHz QPSK Full RB)

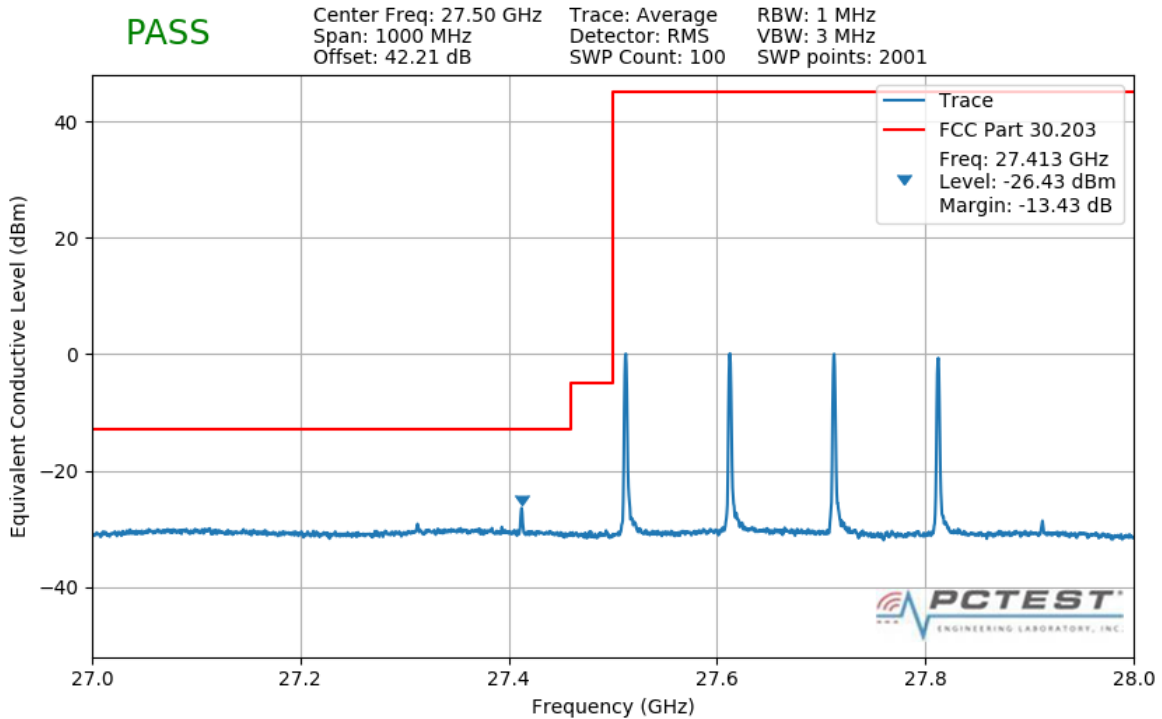


Plot 7-454. Lower Band Edge Plot (4CC 400MHz QPSK 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 274 of 337

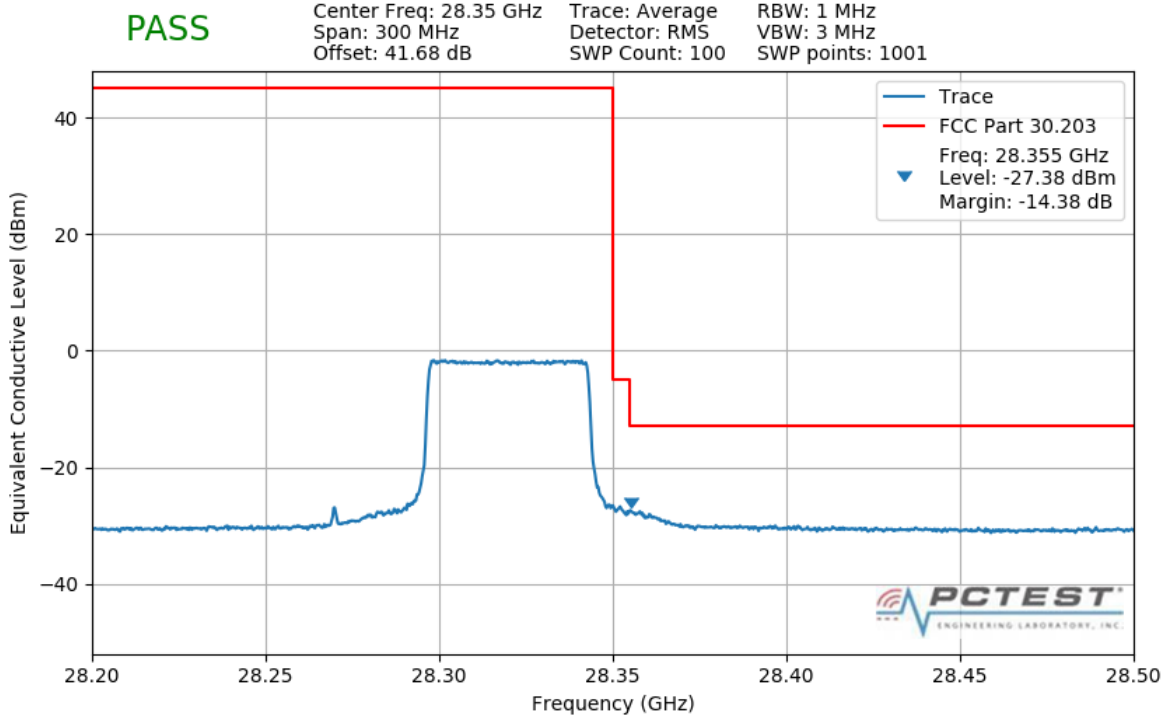


Plot 7-455. Lower Band Edge Plot (4CC 400MHz 16QAM 1 RB)

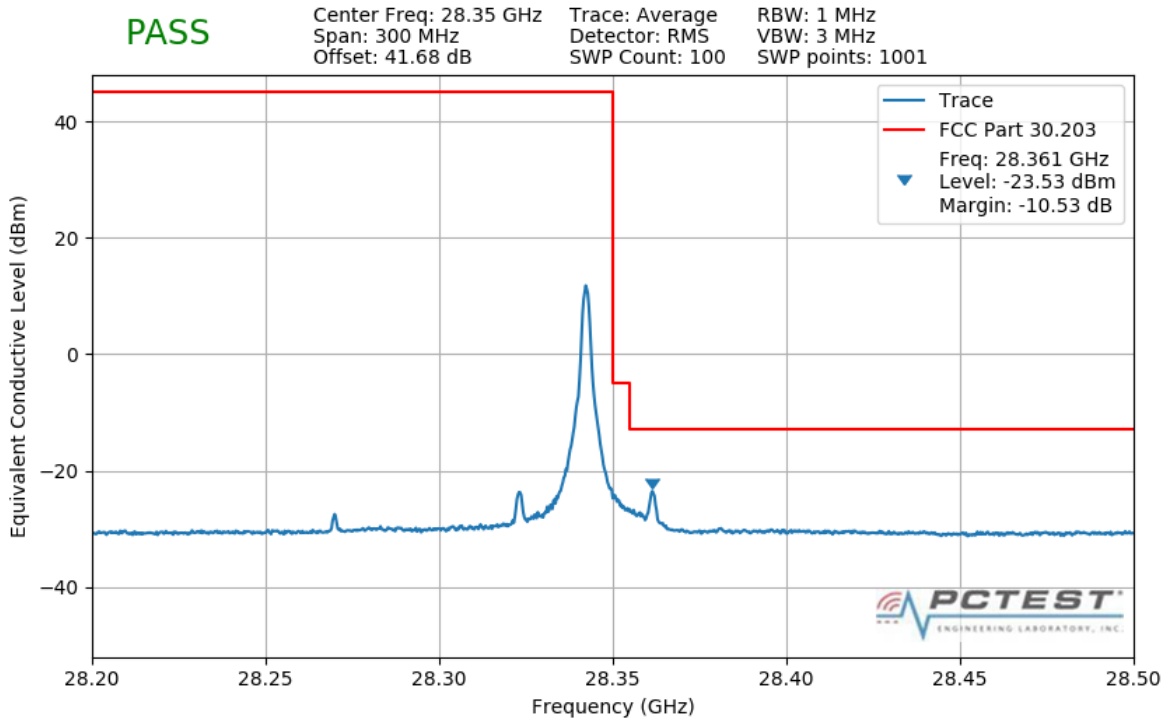


Plot 7-456. Lower Band Edge Plot (4CC 400MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 275 of 337

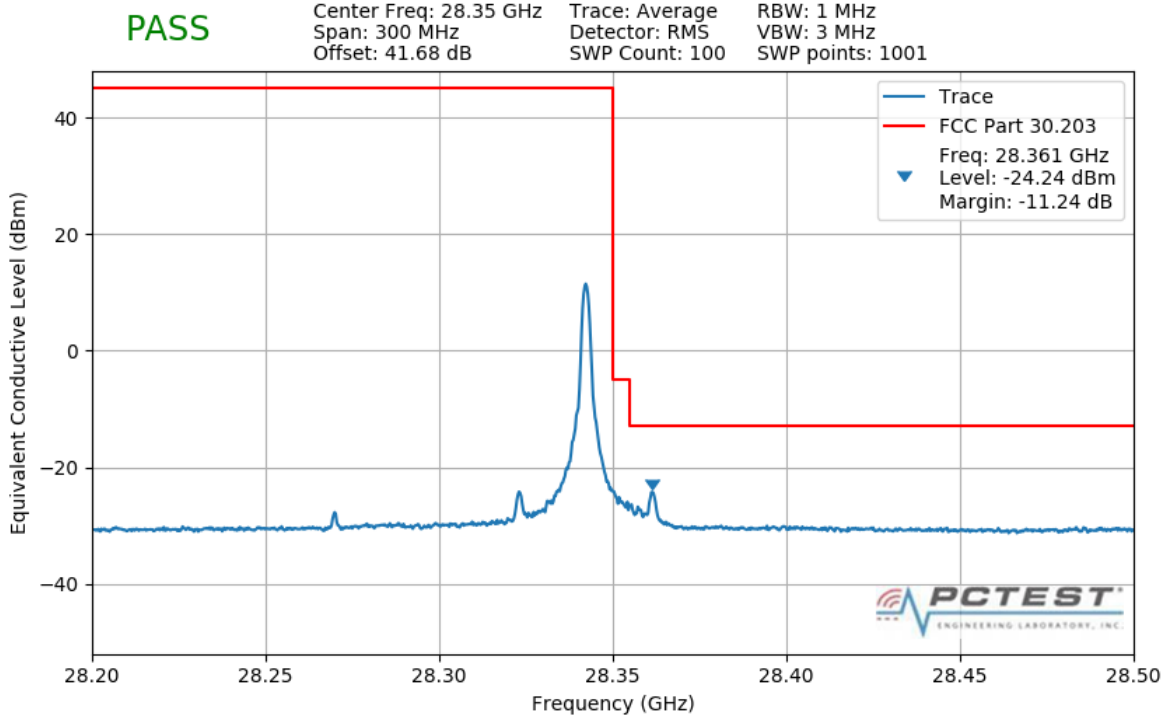


Plot 7-457. Upper Band Edge Plot (1CC 50MHz QPSK Full RB)

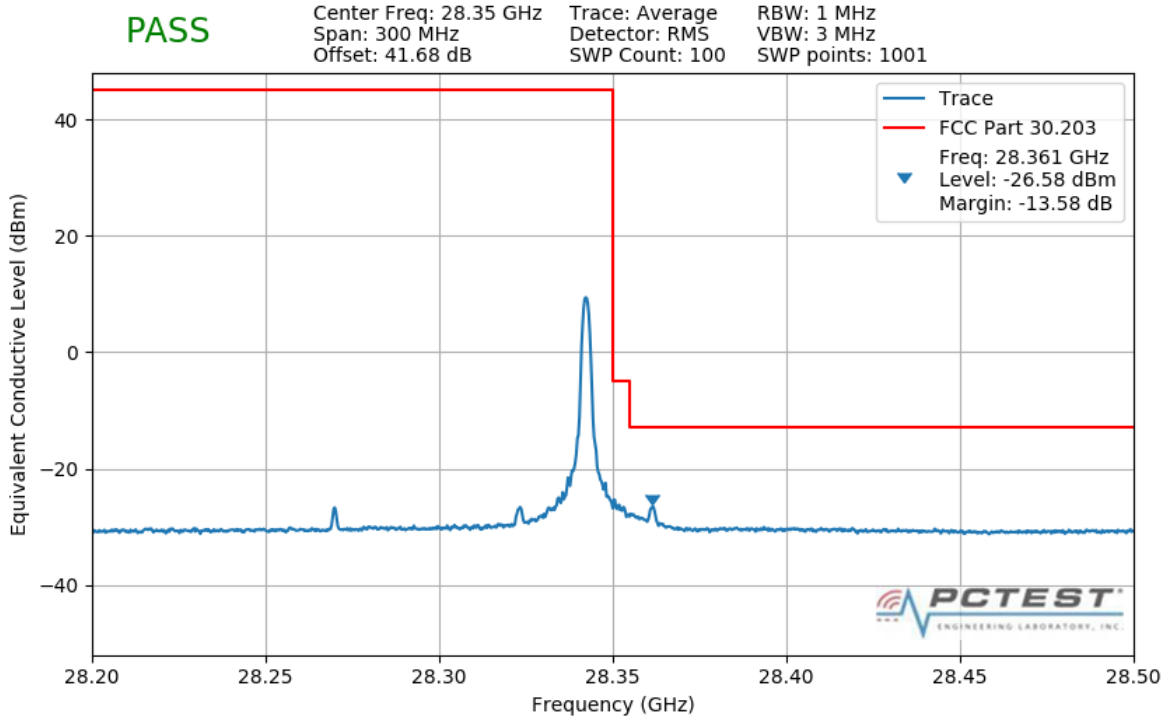


Plot 7-458. Upper Band Edge Plot (1CC 50MHz QPSK 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)		SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset			Page 276 of 337

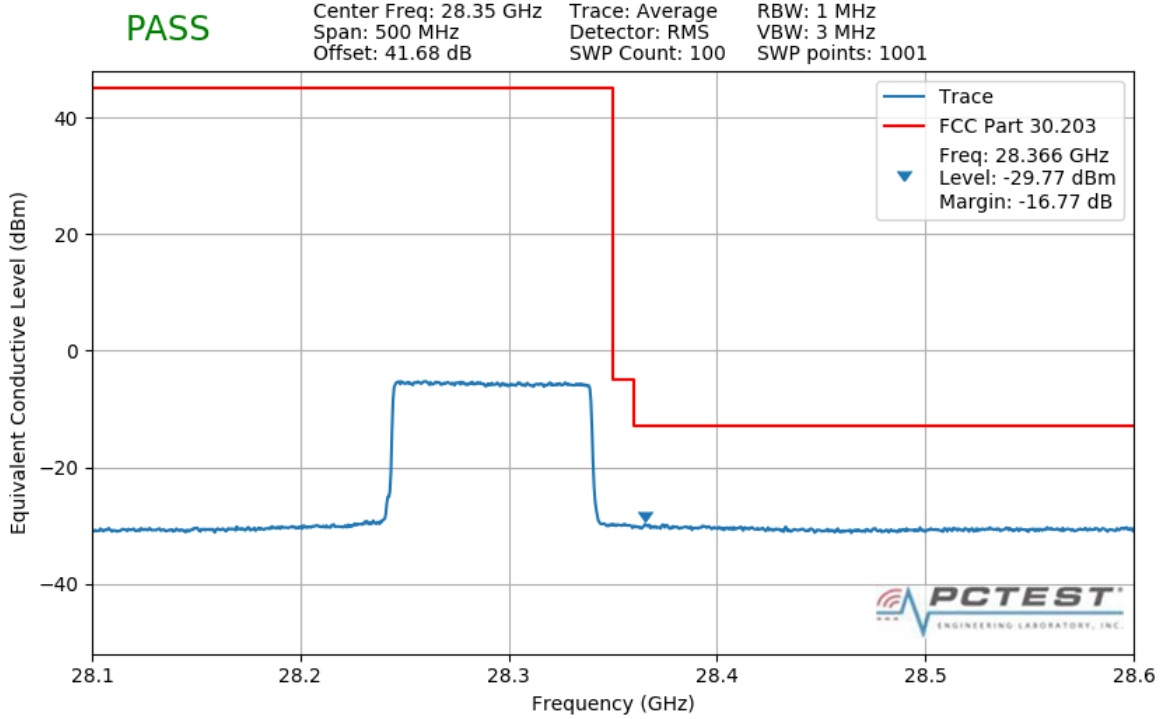


Plot 7-459. Upper Band Edge Plot (1CC 50MHz 16QAM 1 RB)

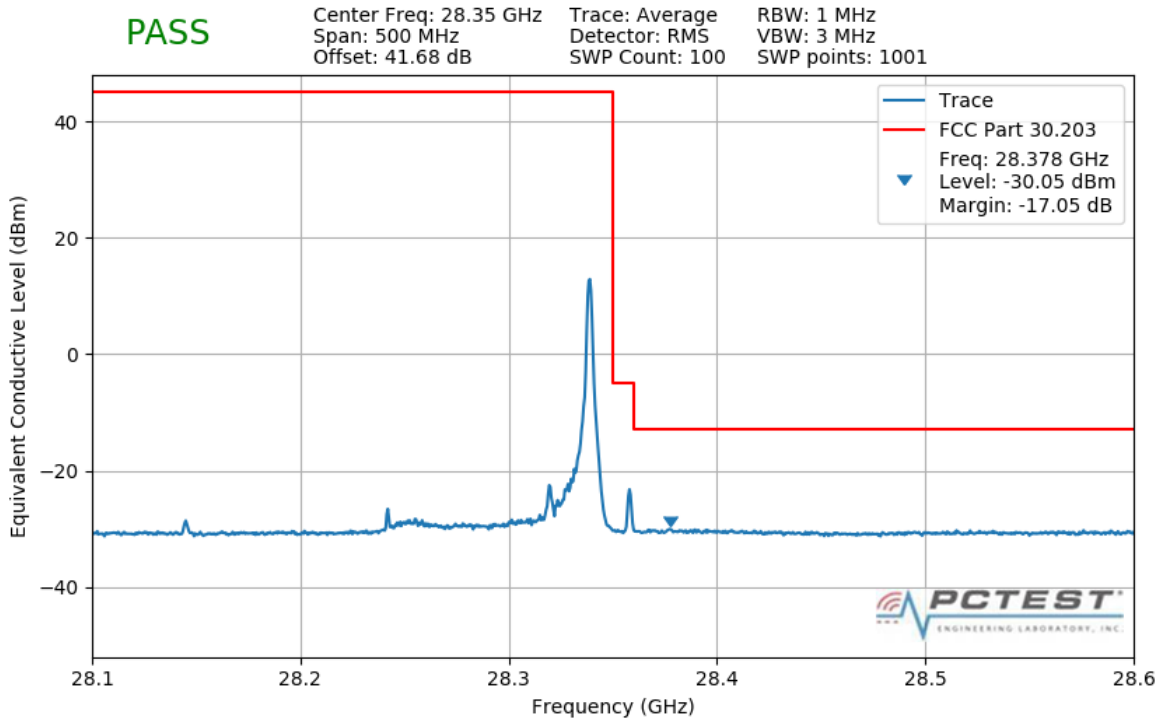


Plot 7-460. Upper Band Edge Plot (1CC 50MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset	Page 277 of 337

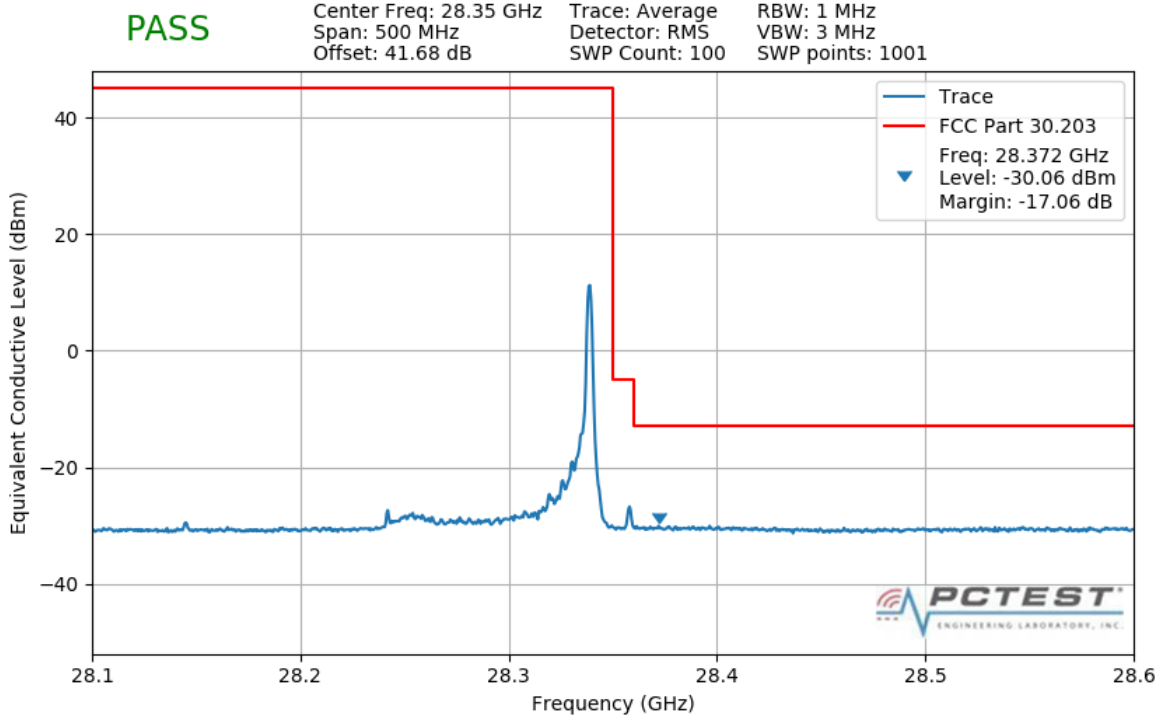


Plot 7-461. Upper Band Edge Plot (1CC 100MHz QPSK Full RB)

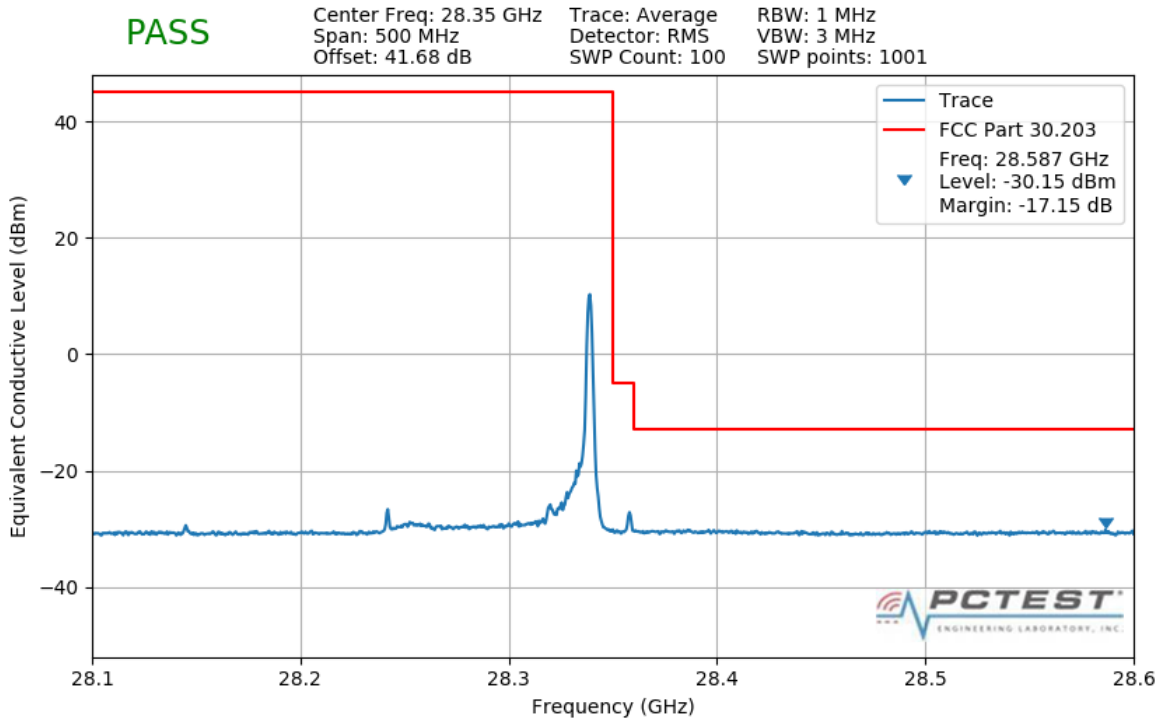


Plot 7-462. Upper Band Edge Plot (1CC 100MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 278 of 337

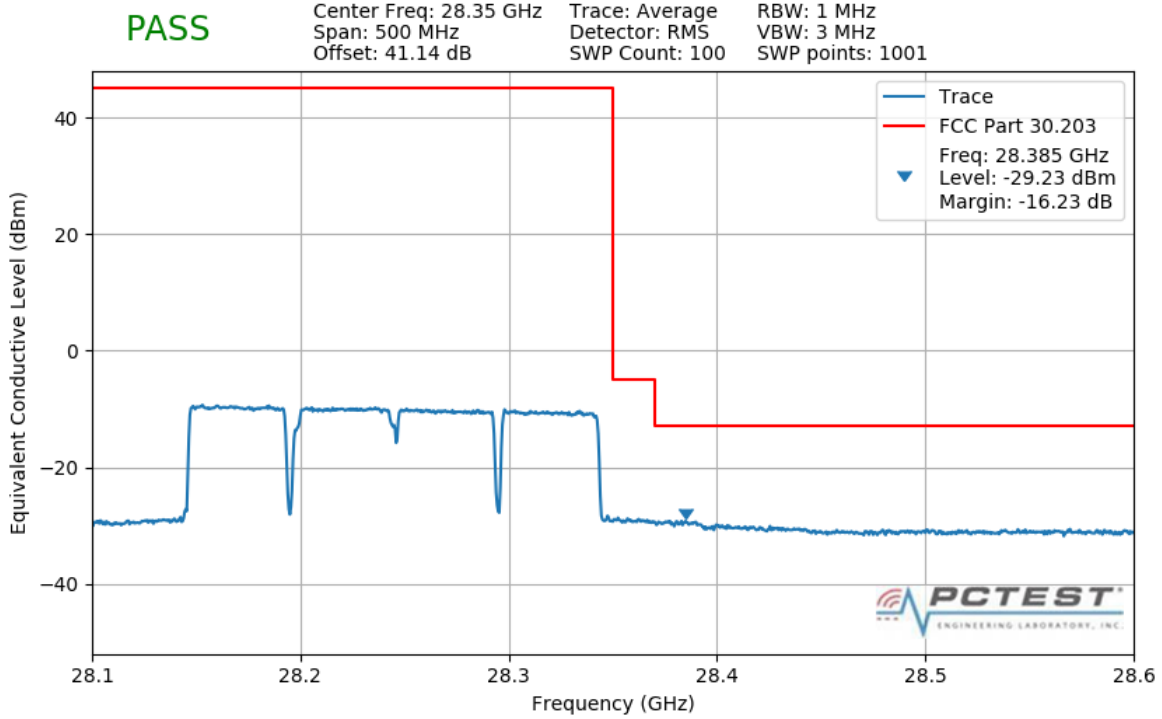


Plot 7-463. Upper Band Edge Plot (1CC 100MHz 16QAM 1 RB)

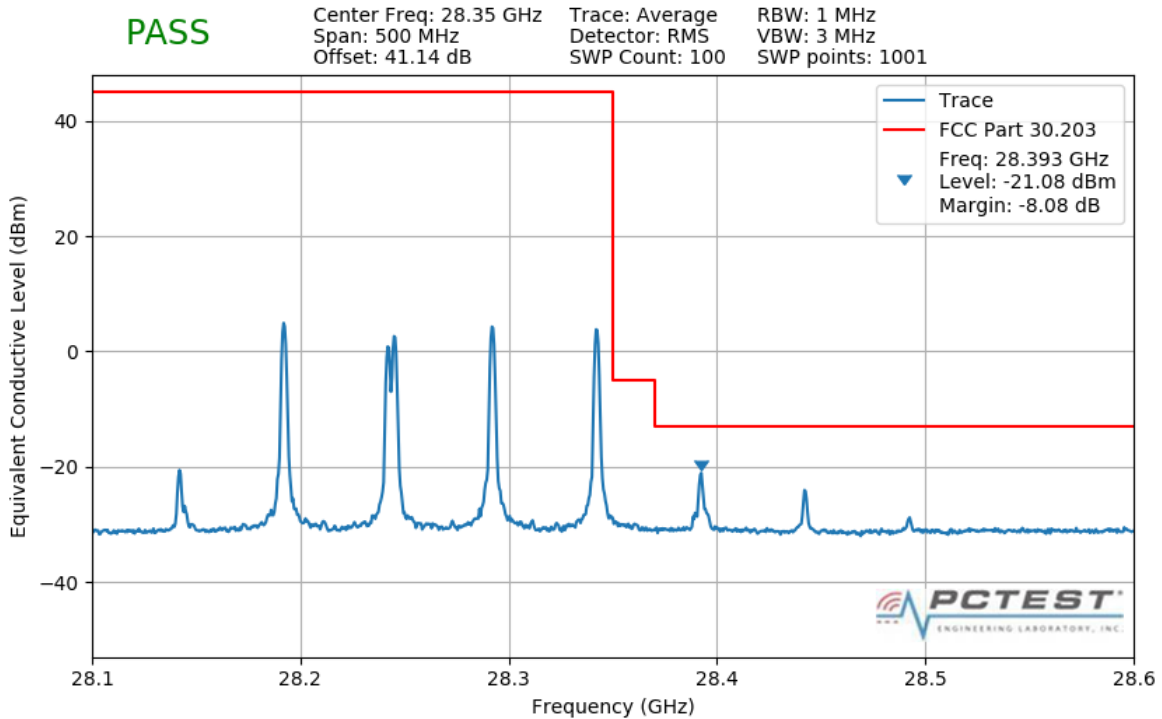


Plot 7-464. Upper Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 279 of 337

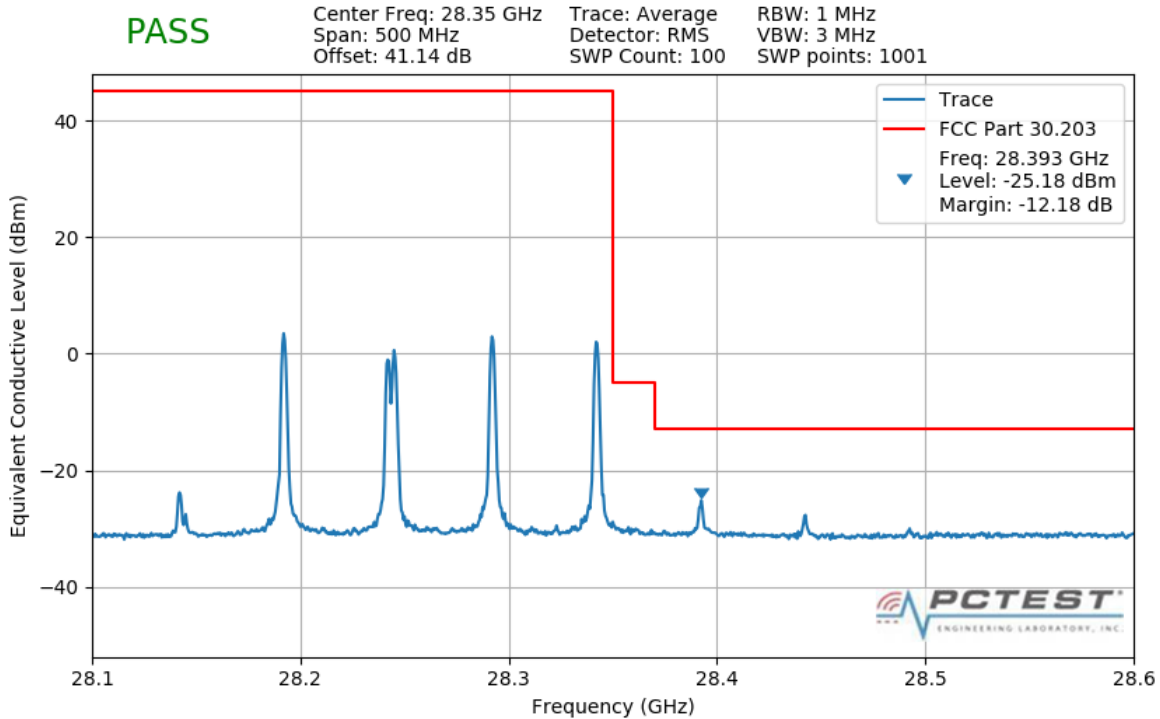


Plot 7-465. Upper Band Edge Plot (4CC 200MHz QPSK Full RB)

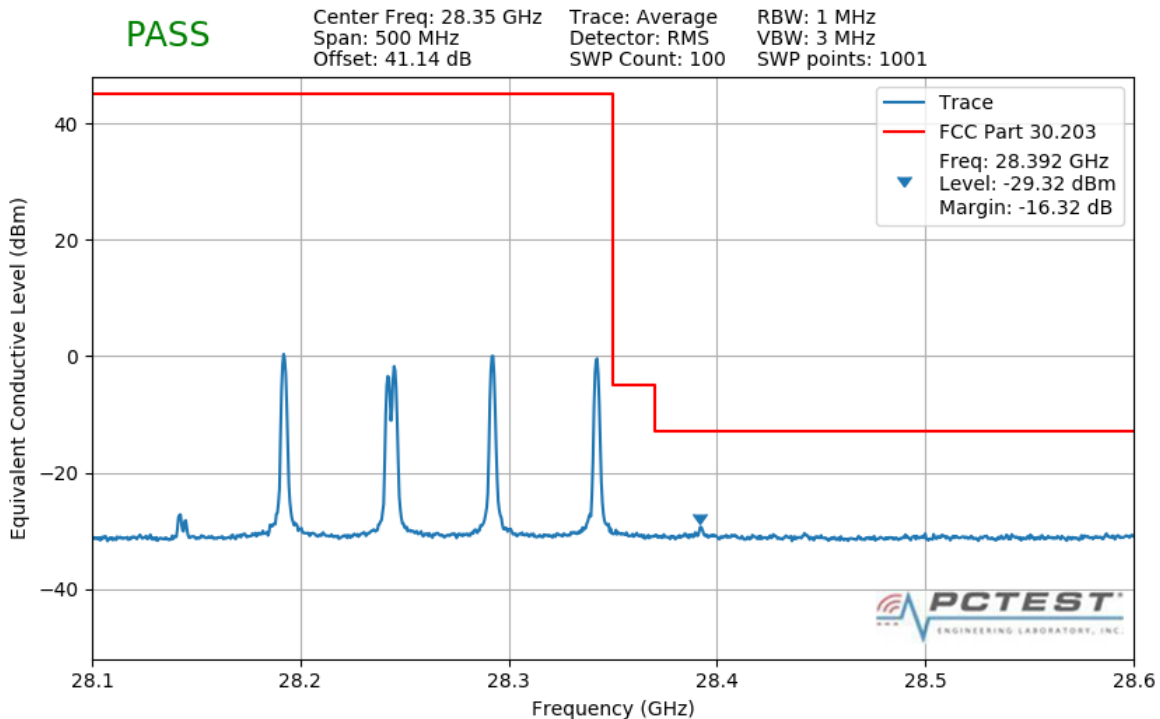


Plot 7-466. Upper Band Edge Plot (4CC 200MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 280 of 337

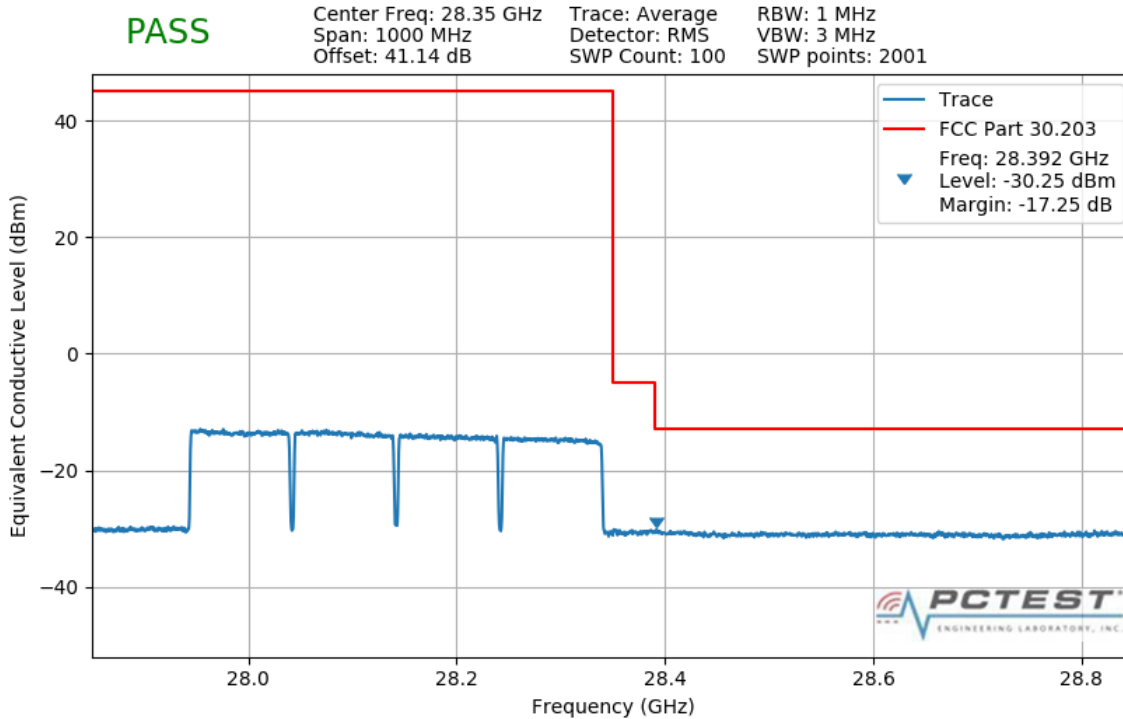


Plot 7-467. Upper Band Edge Plot (4CC 200MHz 16QAM 1 RB)

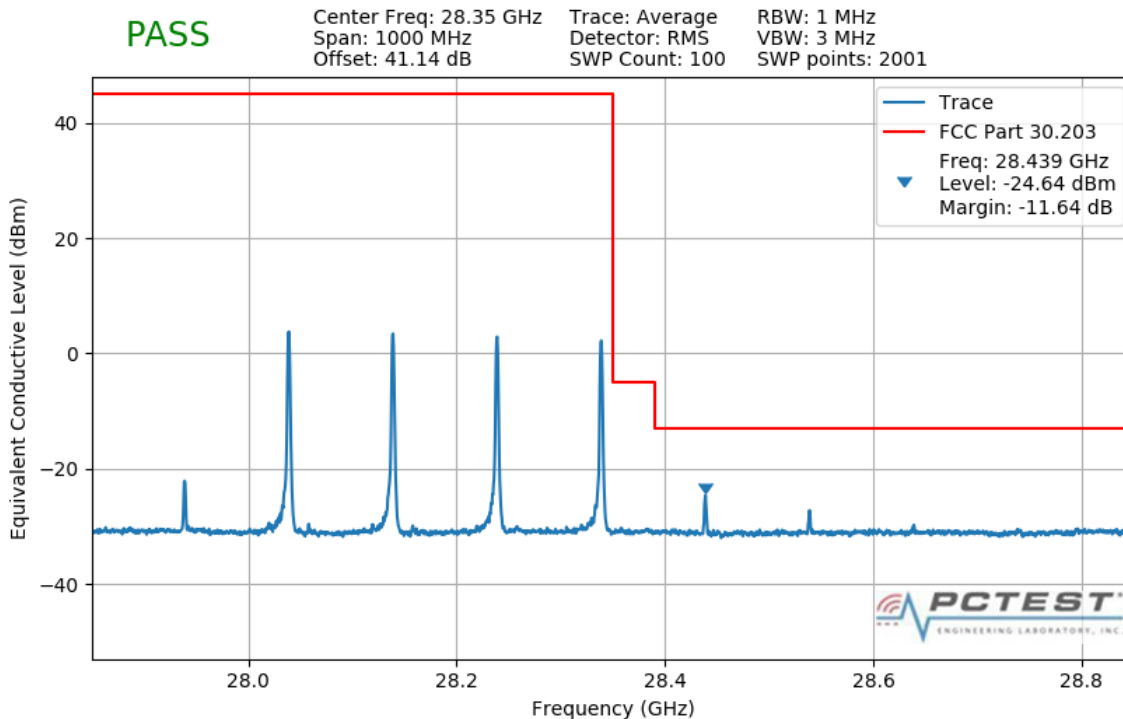


Plot 7-468. Upper Band Edge Plot (4CC 200MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 281 of 337

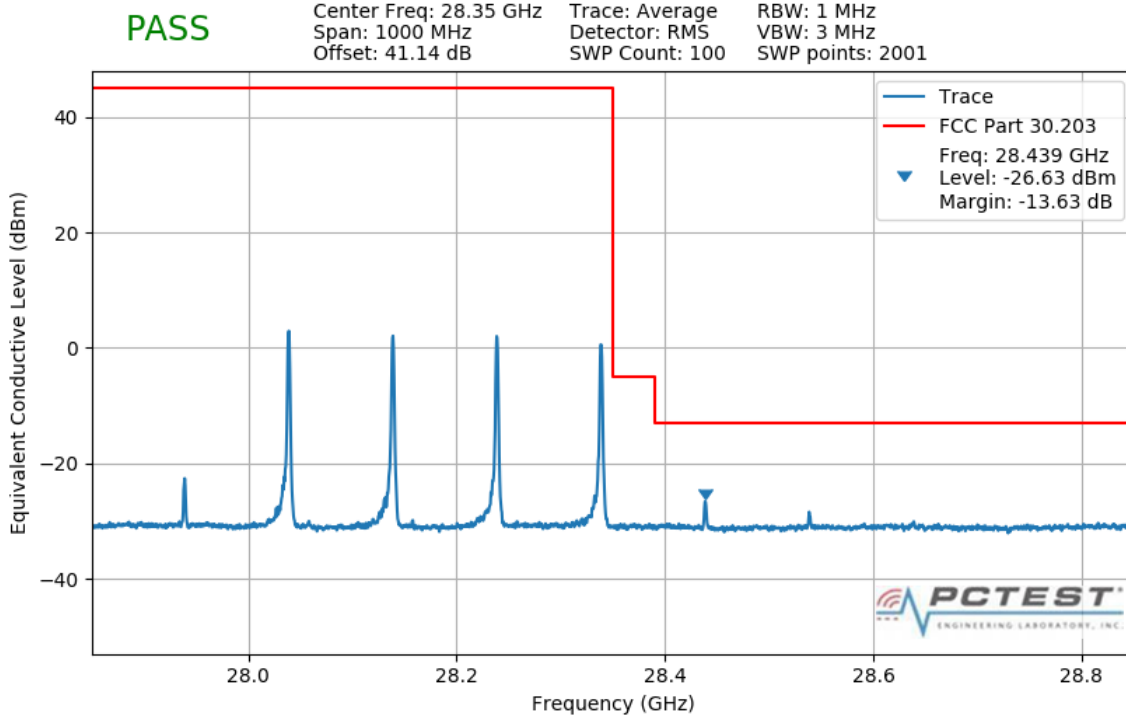


Plot 7-469. Upper Band Edge Plot (4CC 400MHz QPSK Full RB)

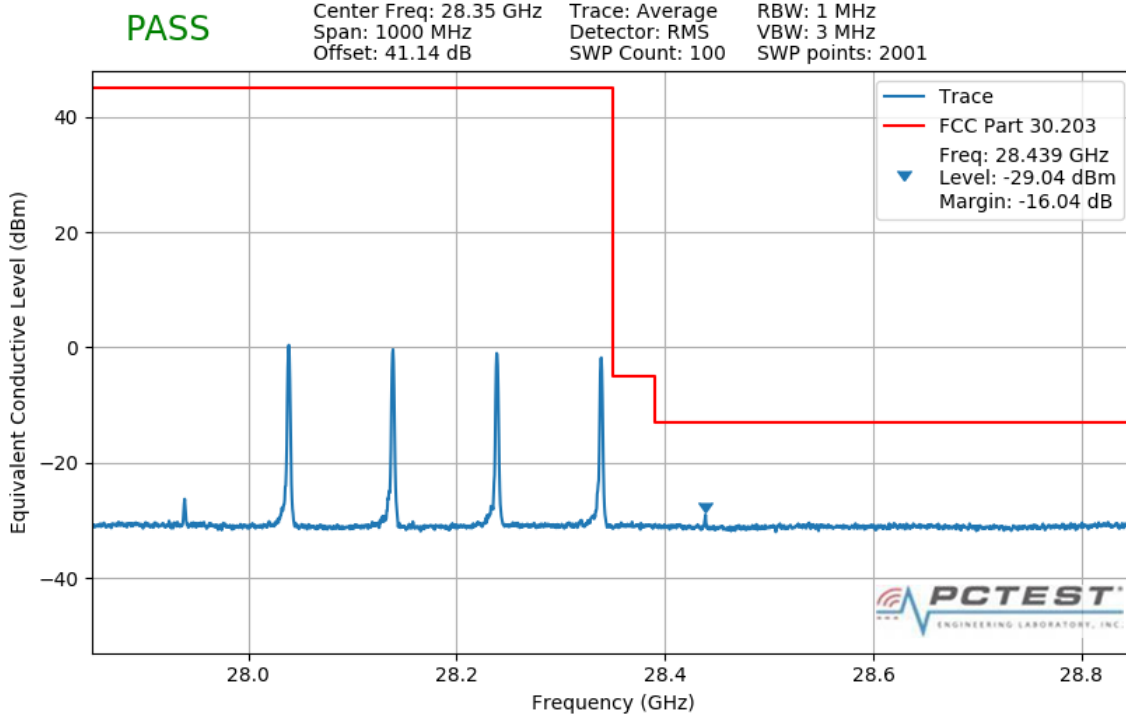


Plot 7-470. Upper Band Edge Plot (4CC 400MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 282 of 337



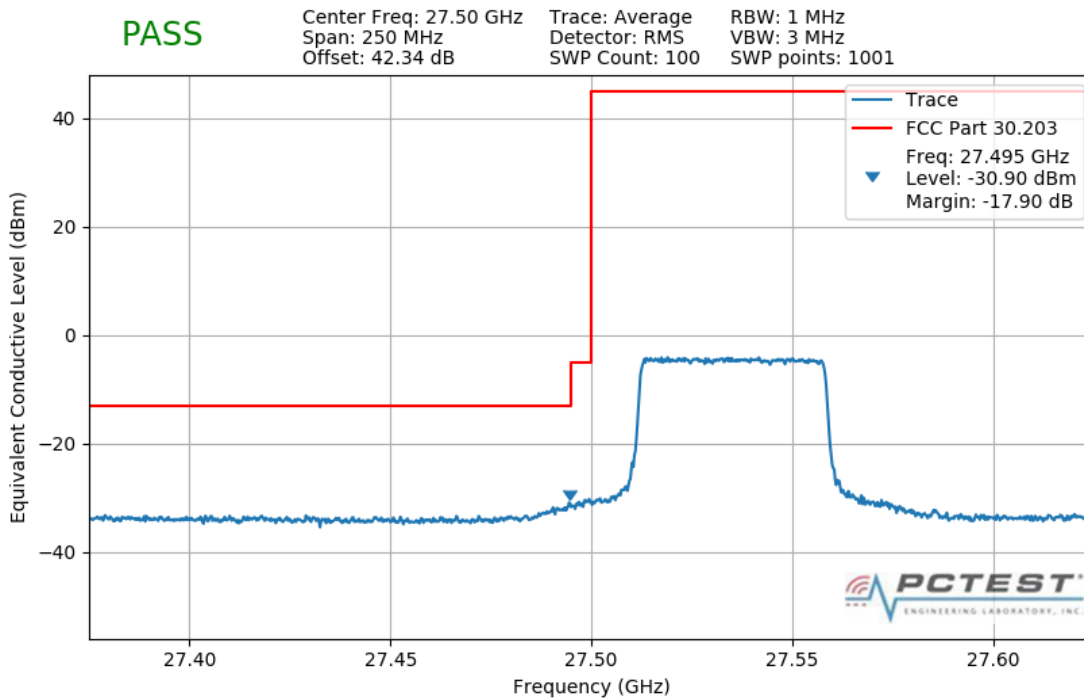
Plot 7-471. Upper Band Edge Plot (4CC 400MHz 16QAM 1 RB)



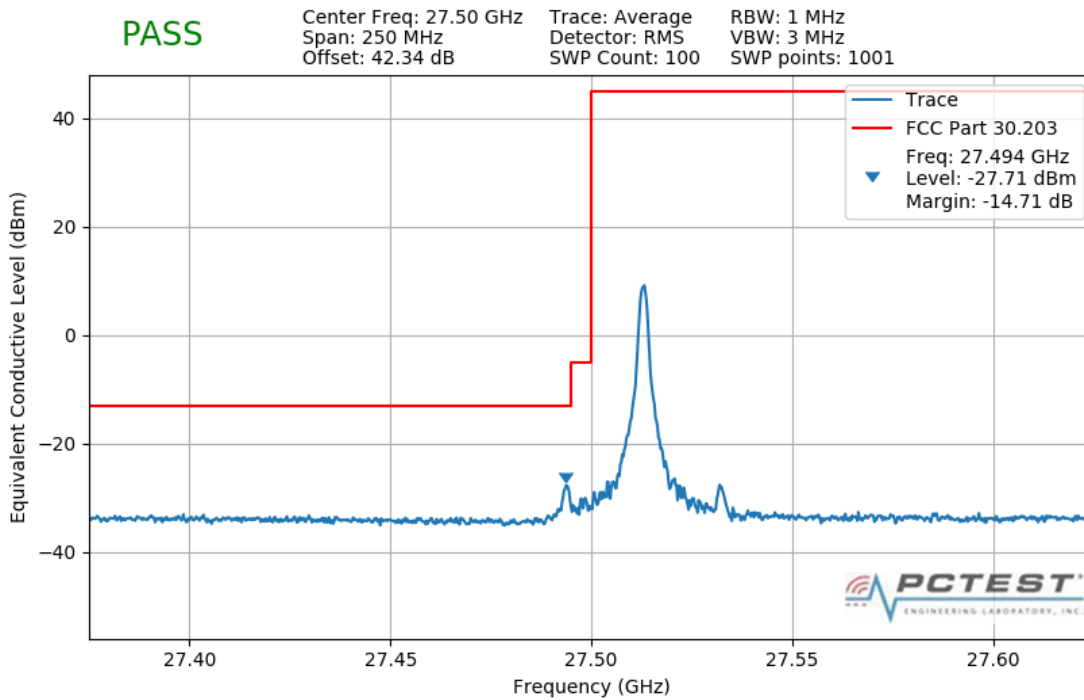
Plot 7-472. Upper Band Edge Plot (4CC 400MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 283 of 337

7.5.5 L Patch Band Edge H Beam

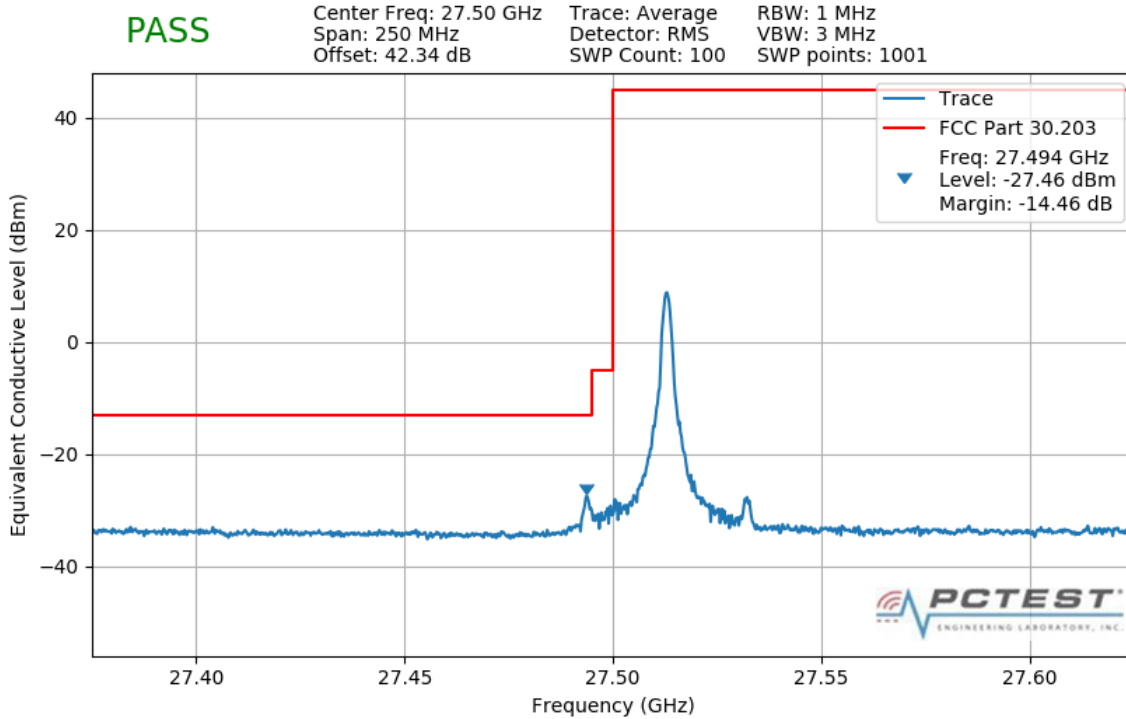


Plot 7-473. Lower Band Edge Plot (1CC 50MHz QPSK Full RB)

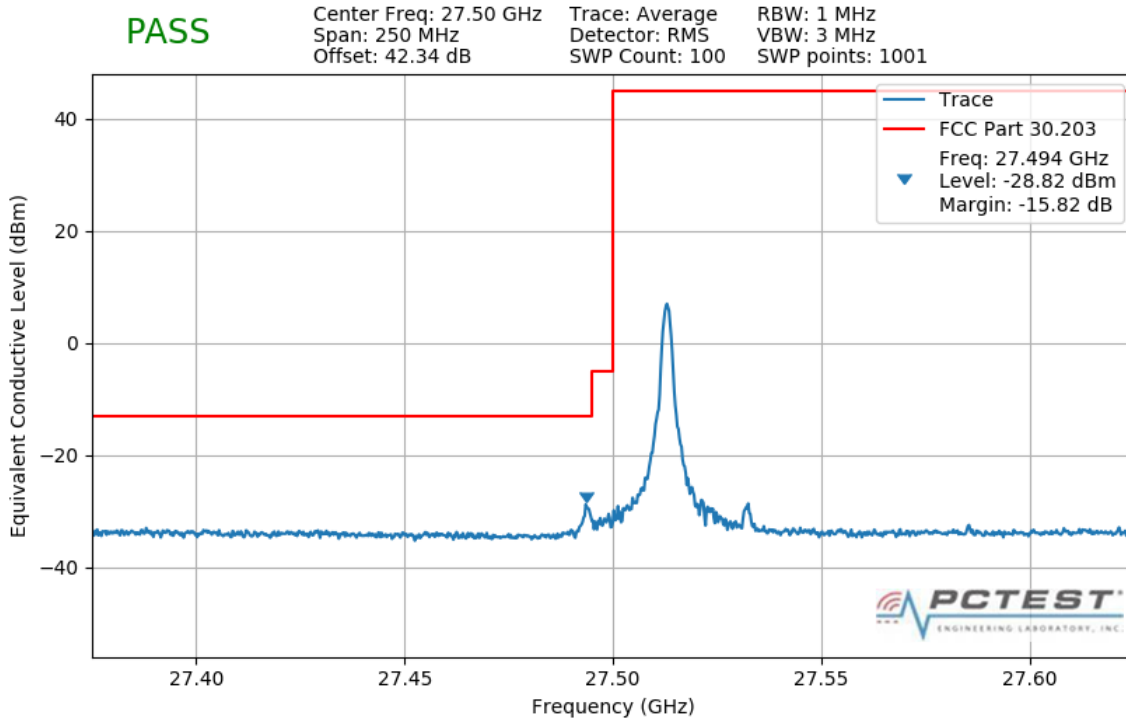


Plot 7-474. Lower Band Edge Plot (1CC 50MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 284 of 337

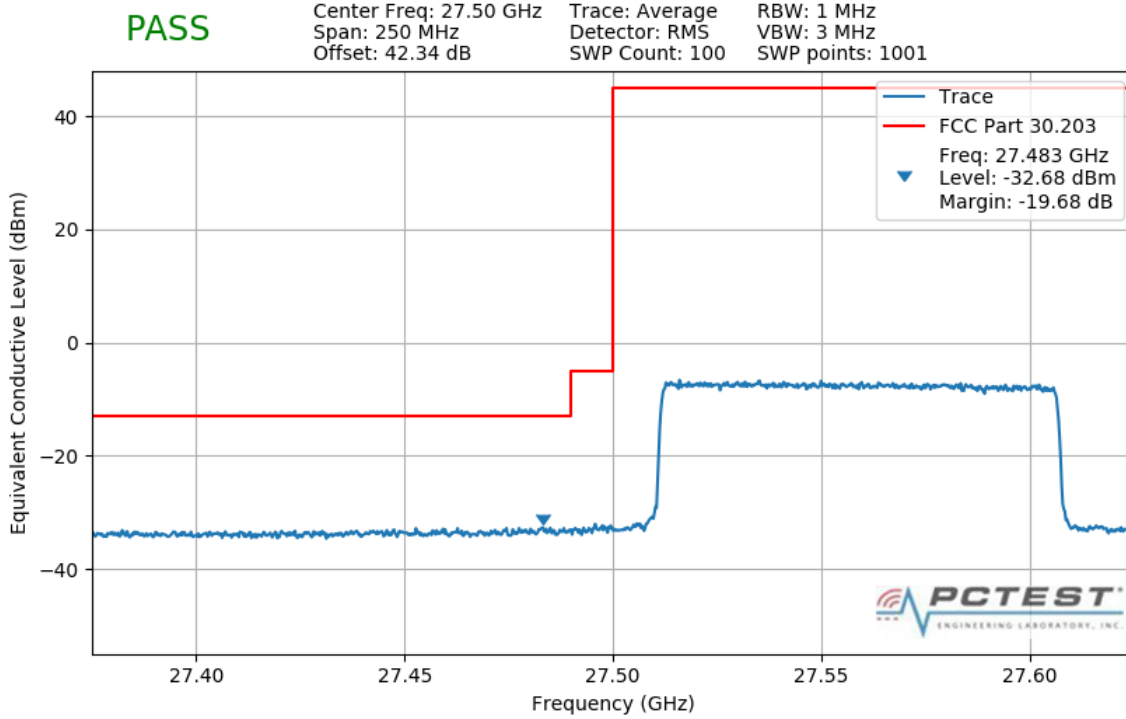


Plot 7-475. Lower Band Edge Plot (1CC 50MHz 16QAM 1 RB)

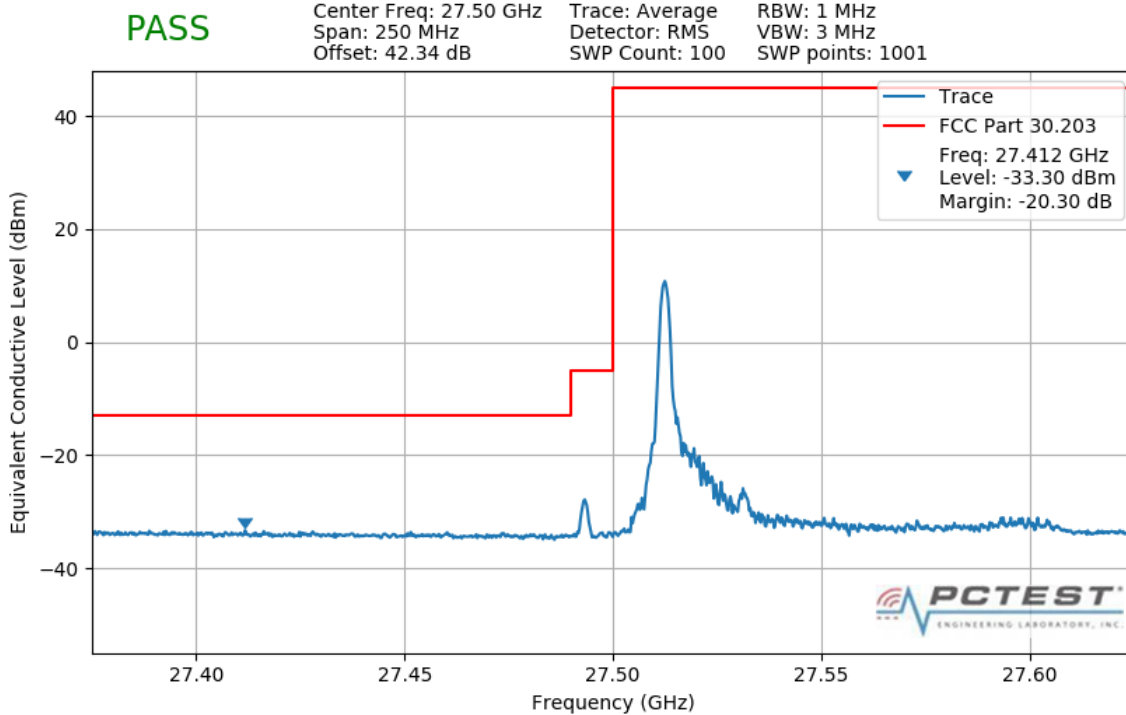


Plot 7-476. Lower Band Edge Plot (1CC 50MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 285 of 337

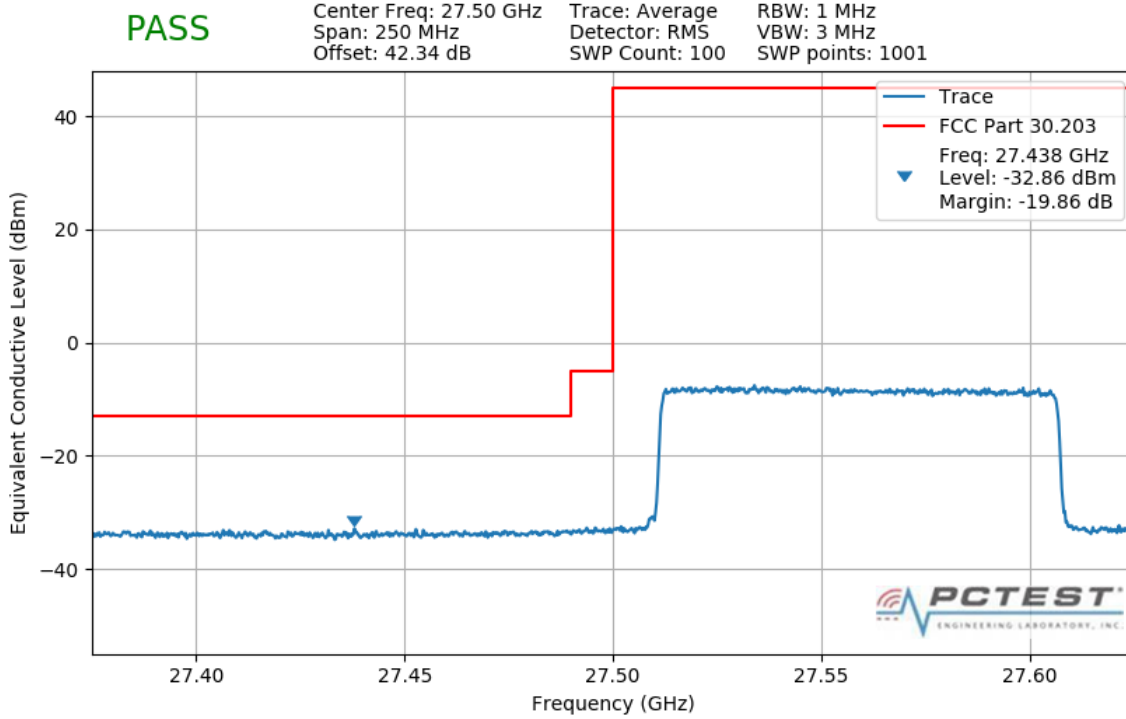


Plot 7-477. Lower Band Edge Plot (1CC 100MHz QPSK Full RB)

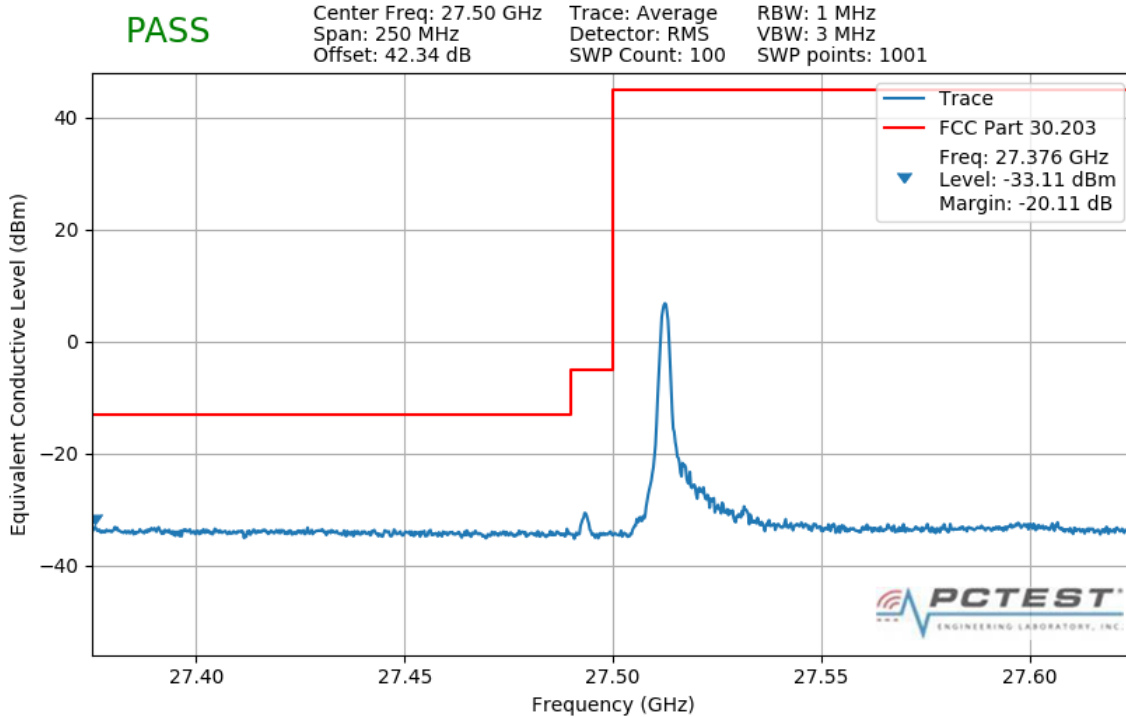


Plot 7-478. Lower Band Edge Plot (1CC 100MHz QPSK 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 286 of 337

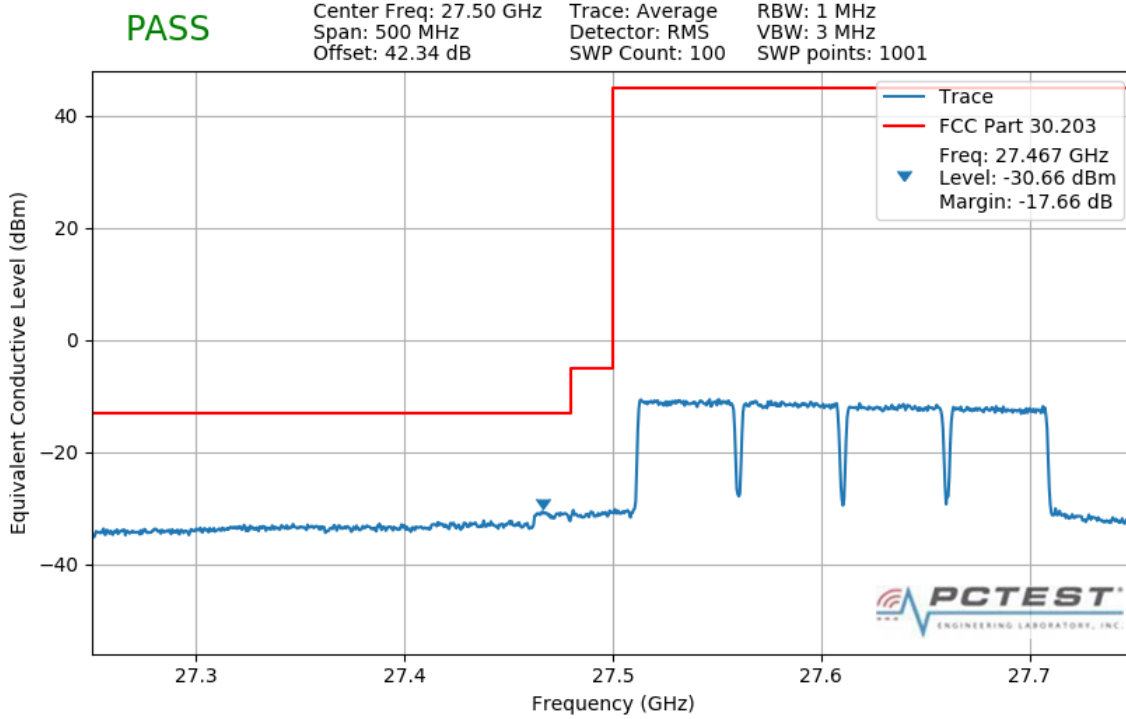


Plot 7-479. Lower Band Edge Plot (1CC 100MHz 16QAM 1 RB)

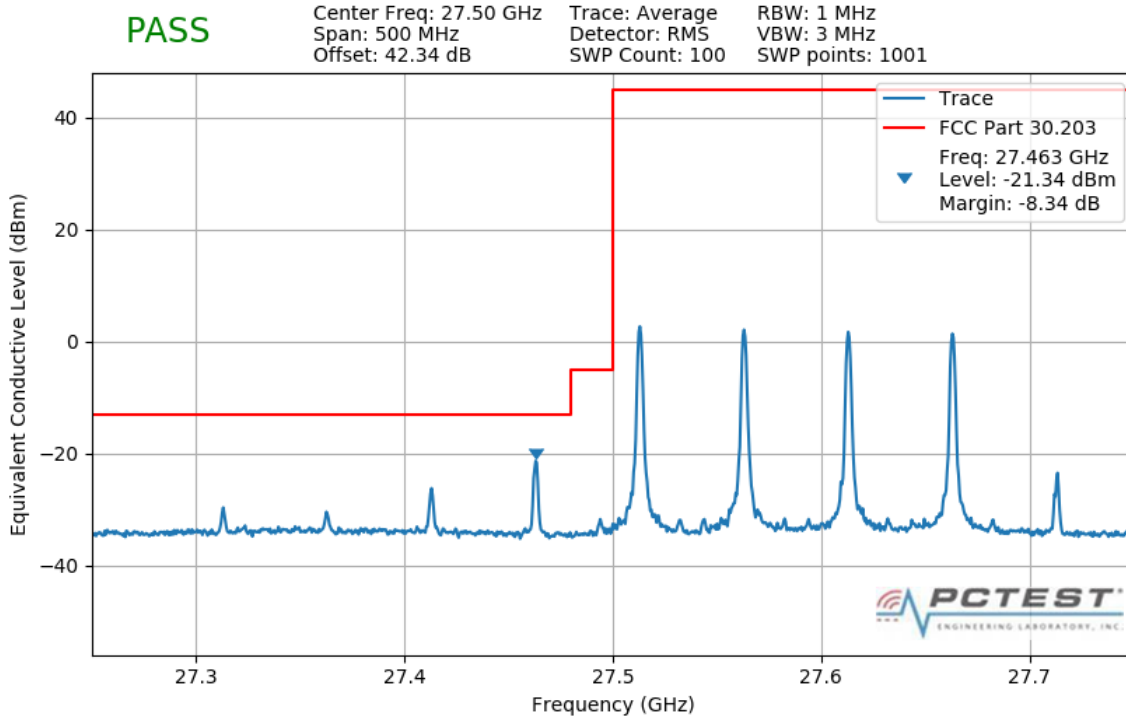


Plot 7-480. Lower Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 287 of 337

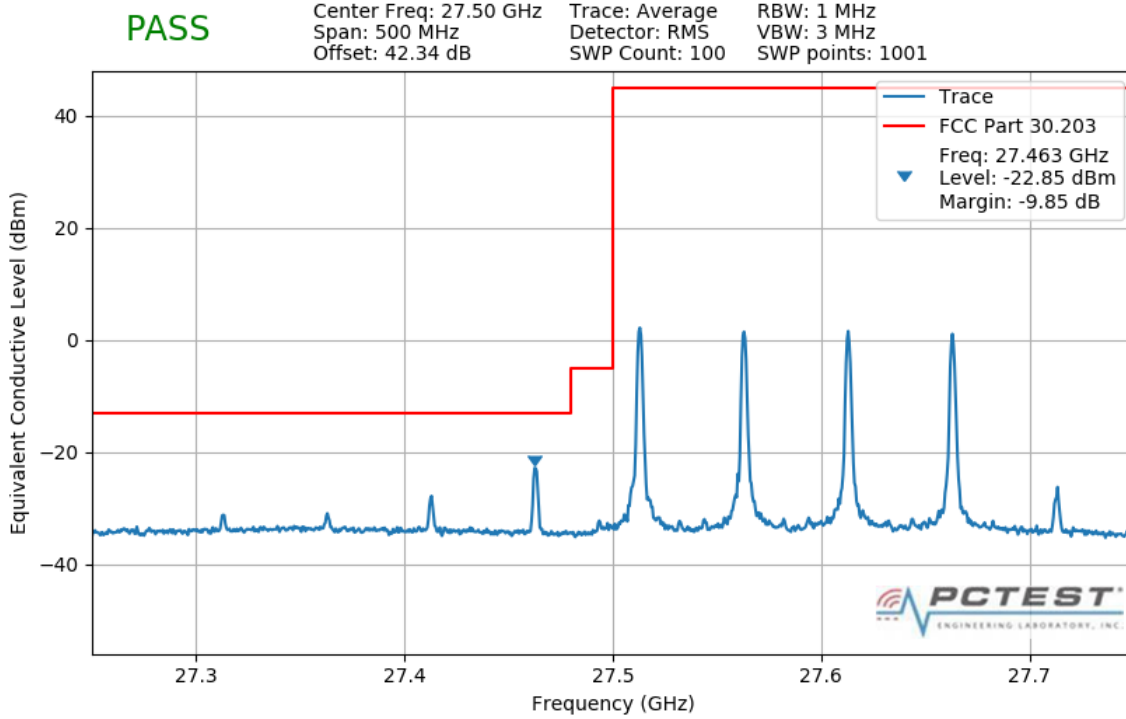


Plot 7-481. Lower Band Edge Plot (4CC 200MHz QPSK Full RB)

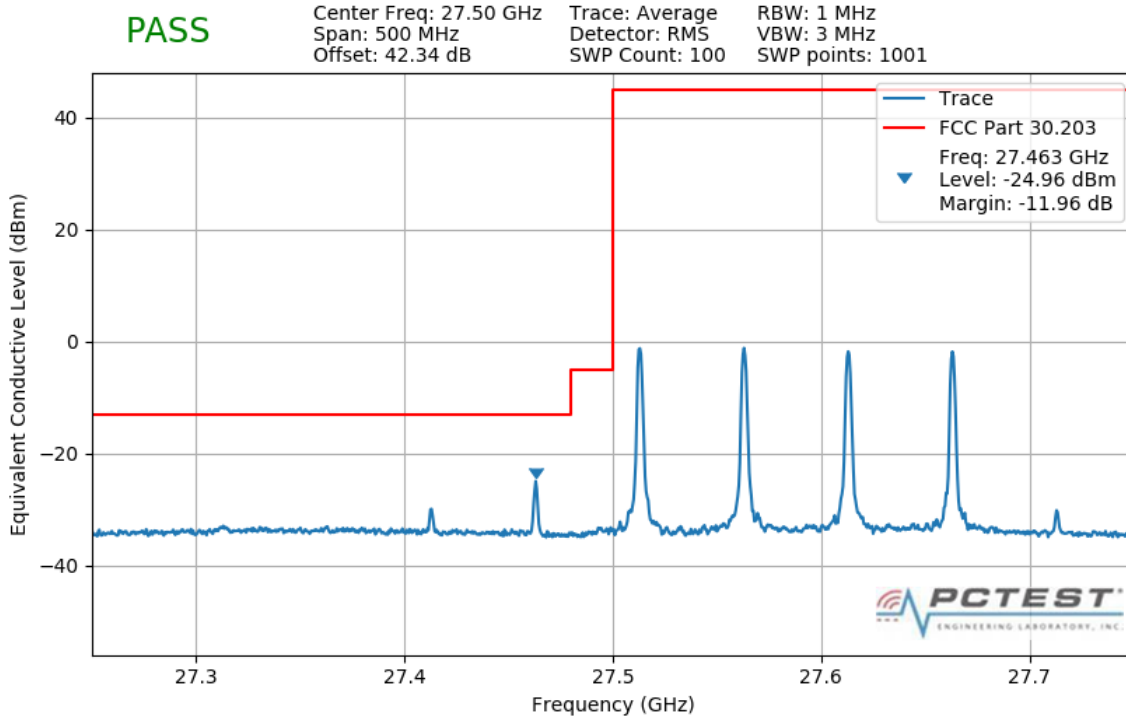


Plot 7-482. Lower Band Edge Plot (4CC 200MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 288 of 337

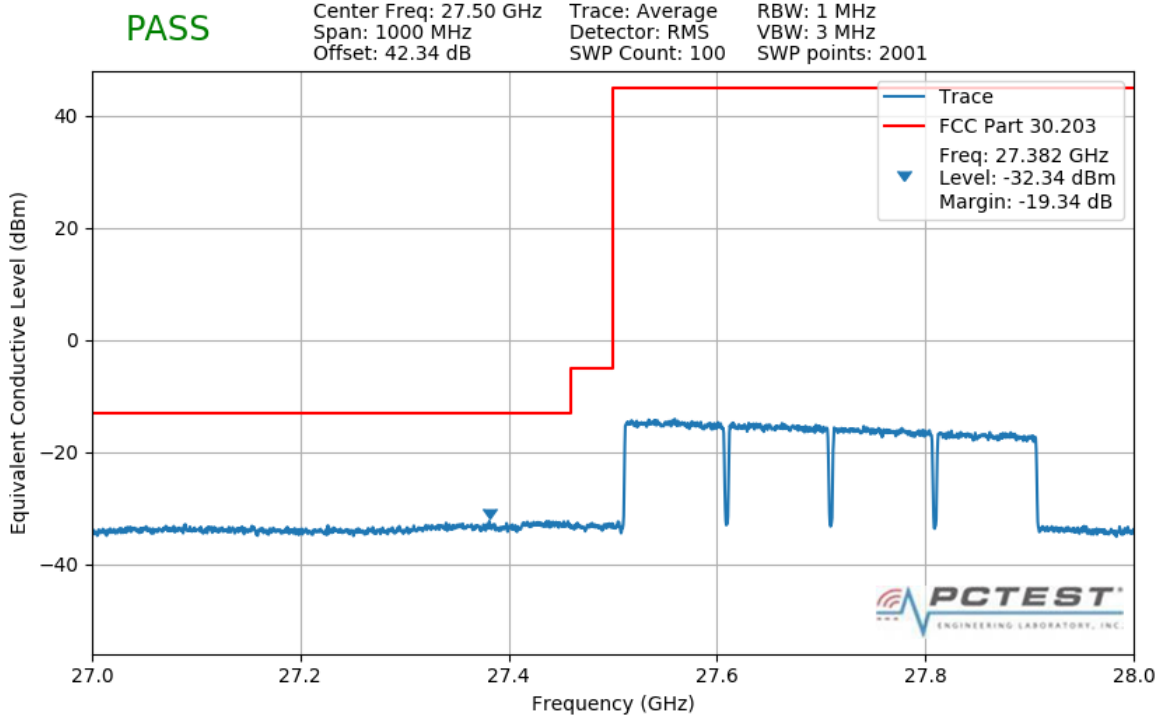


Plot 7-483. Lower Band Edge Plot (4CC 200MHz 16QAM 1 RB)

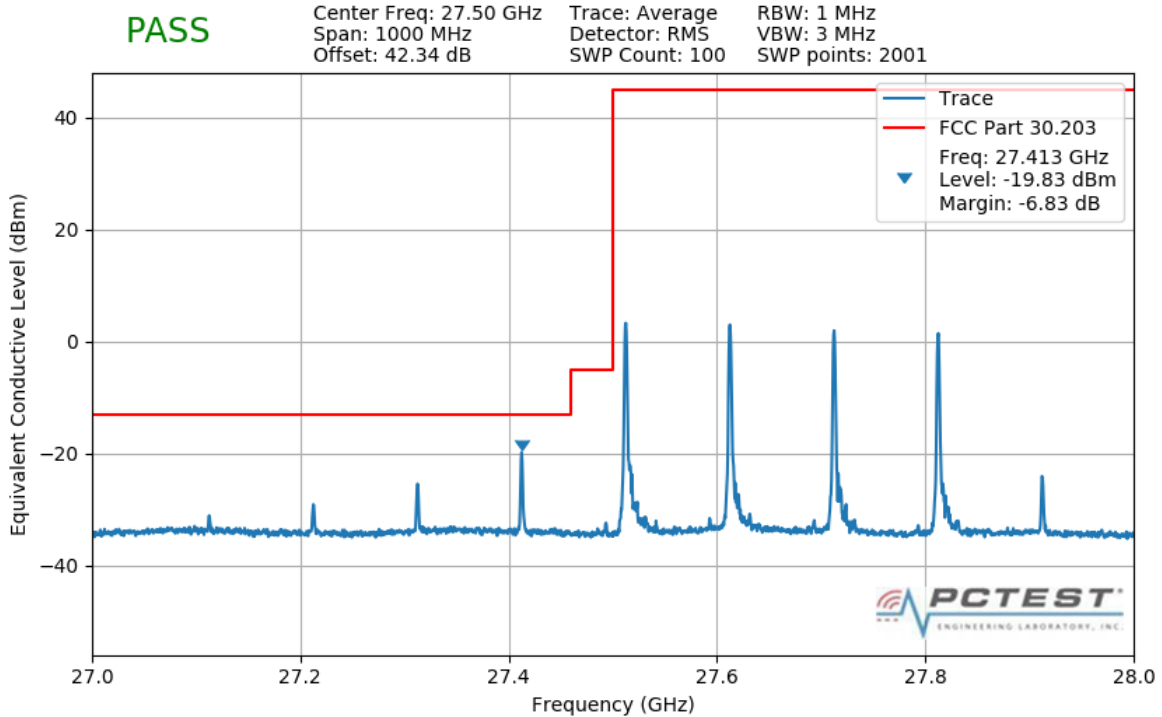


Plot 7-484. Lower Band Edge Plot (4CC 200MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 289 of 337

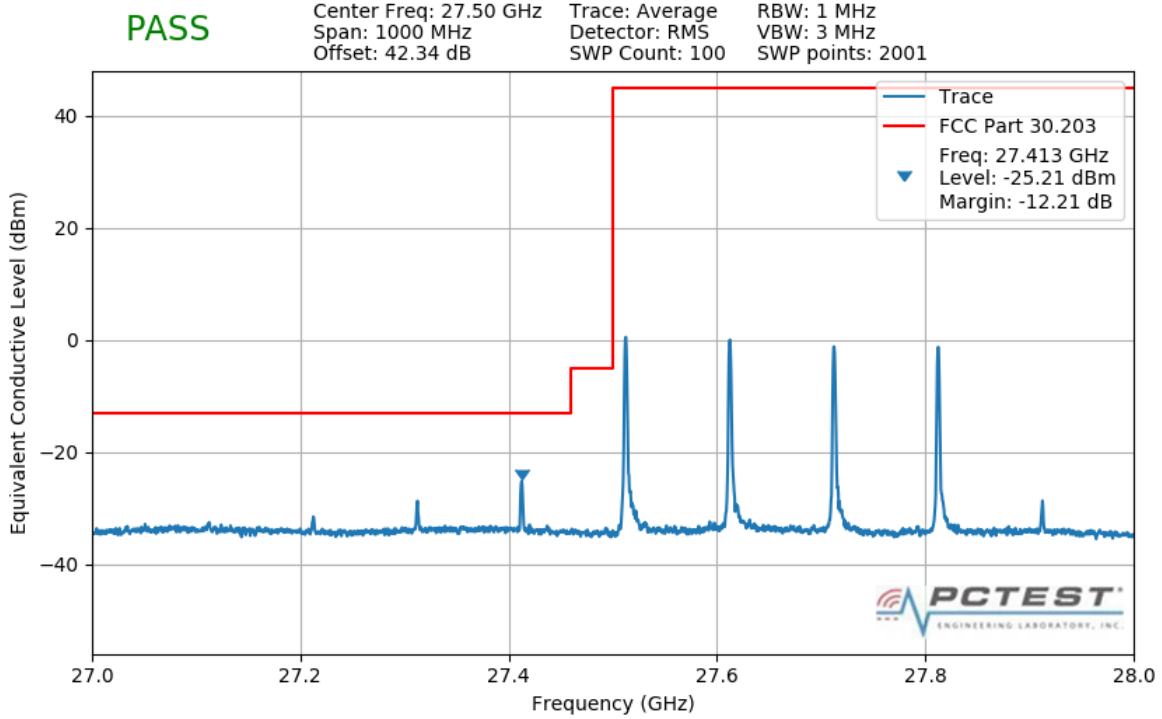


Plot 7-485. Lower Band Edge Plot (4CC 400MHz QPSK Full RB)

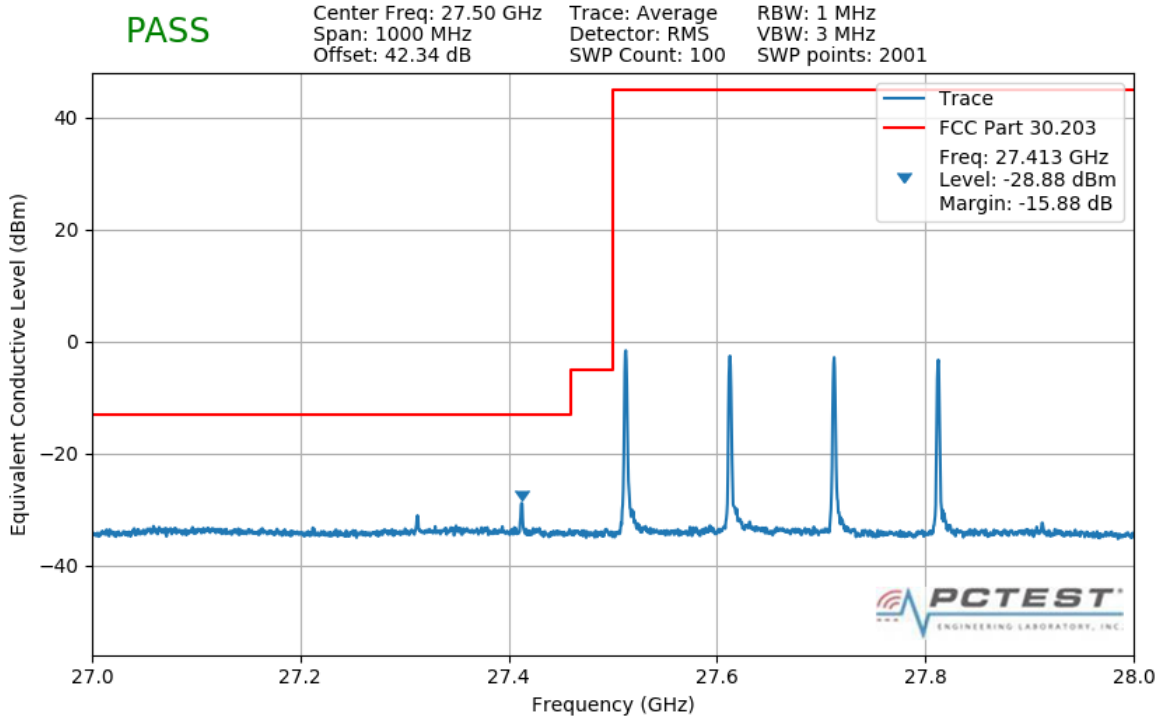


Plot 7-486. Lower Band Edge Plot (4CC 400MHz QPSK 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 290 of 337

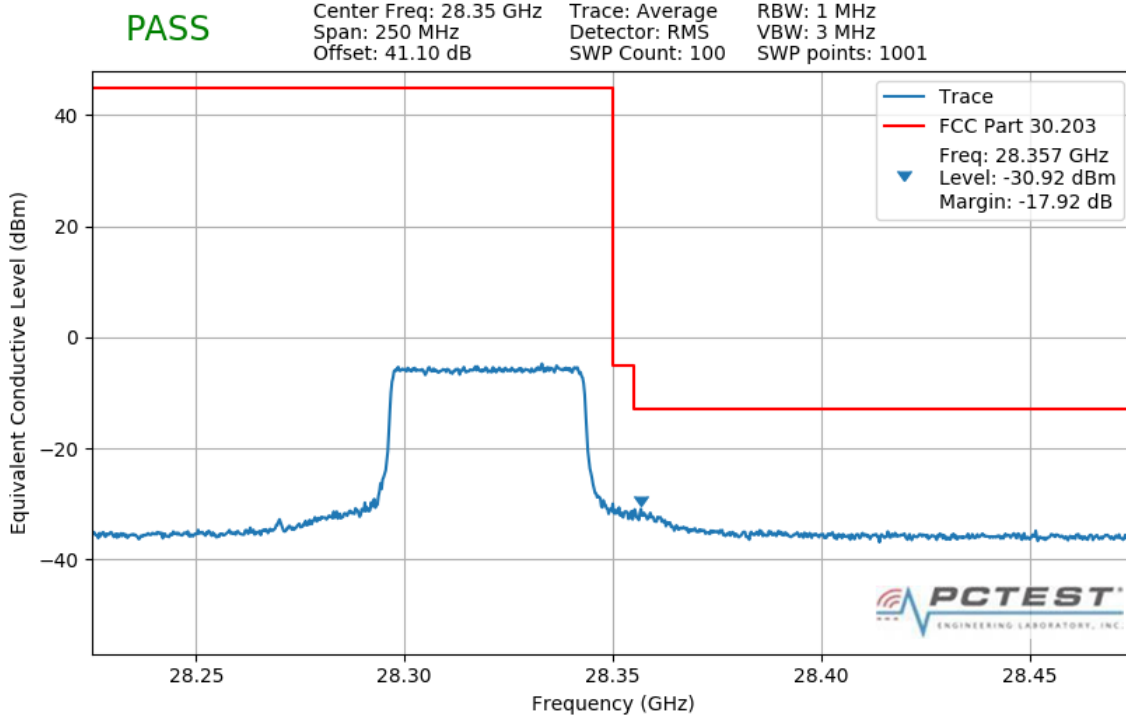


Plot 7-487. Lower Band Edge Plot (4CC 400MHz 16QAM 1 RB)

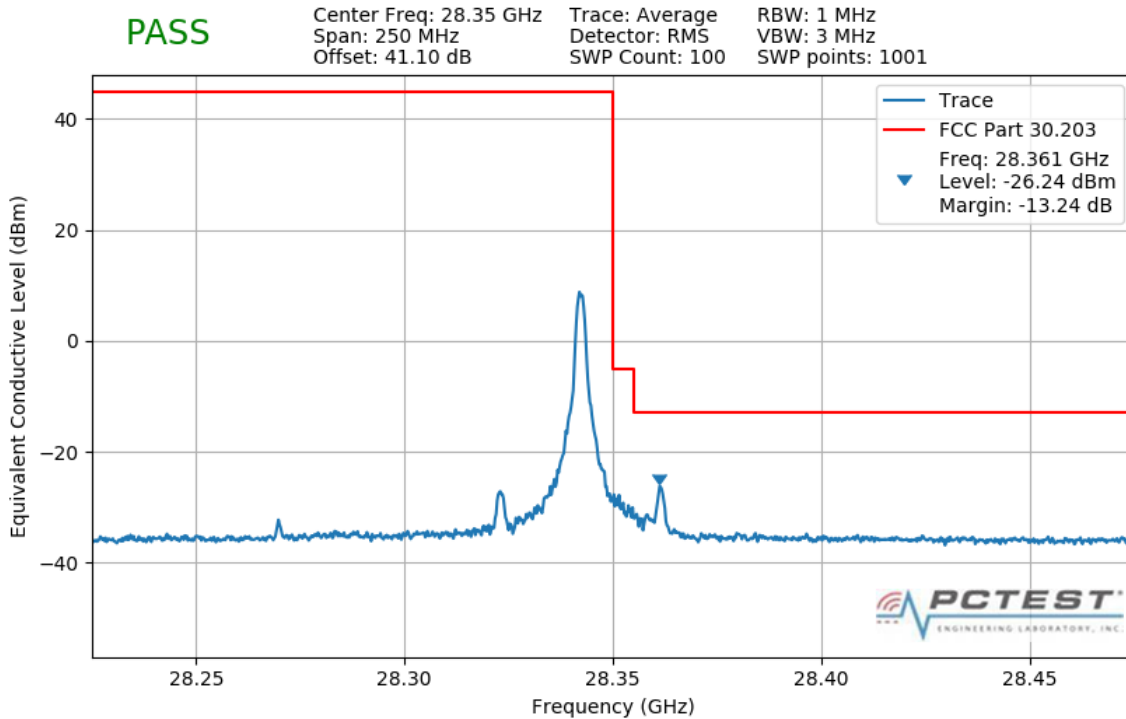


Plot 7-488. Lower Band Edge Plot (4CC 400MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 291 of 337

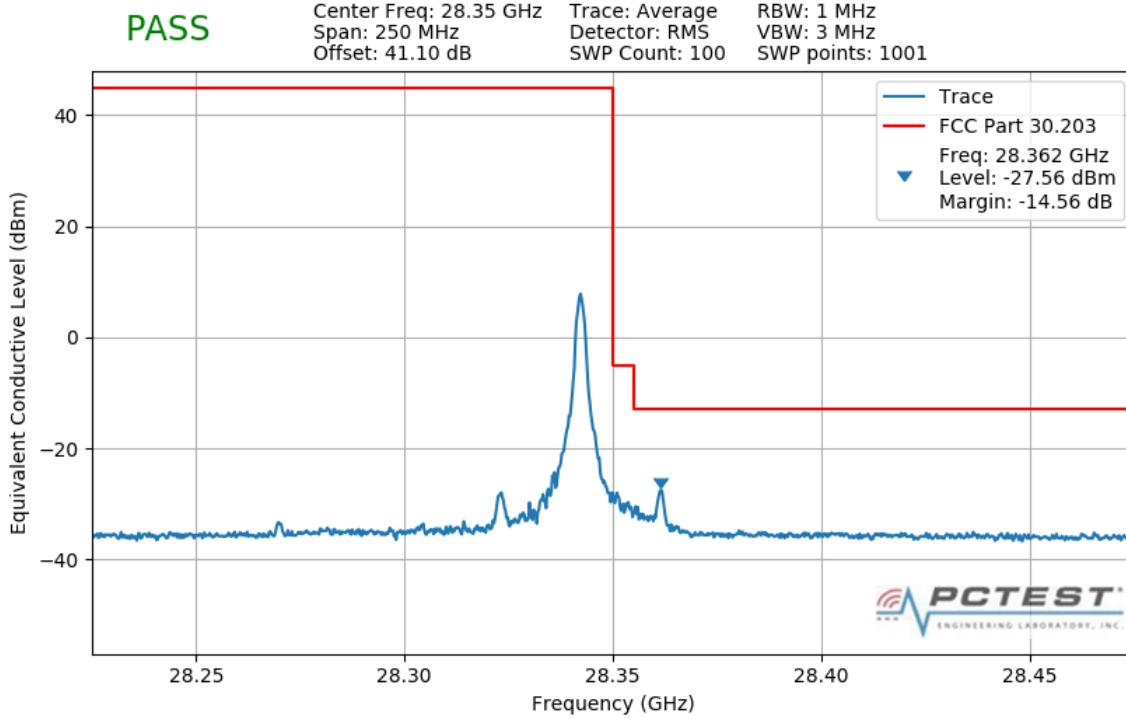


Plot 7-489. Upper Band Edge Plot (1CC 50MHz QPSK Full RB)

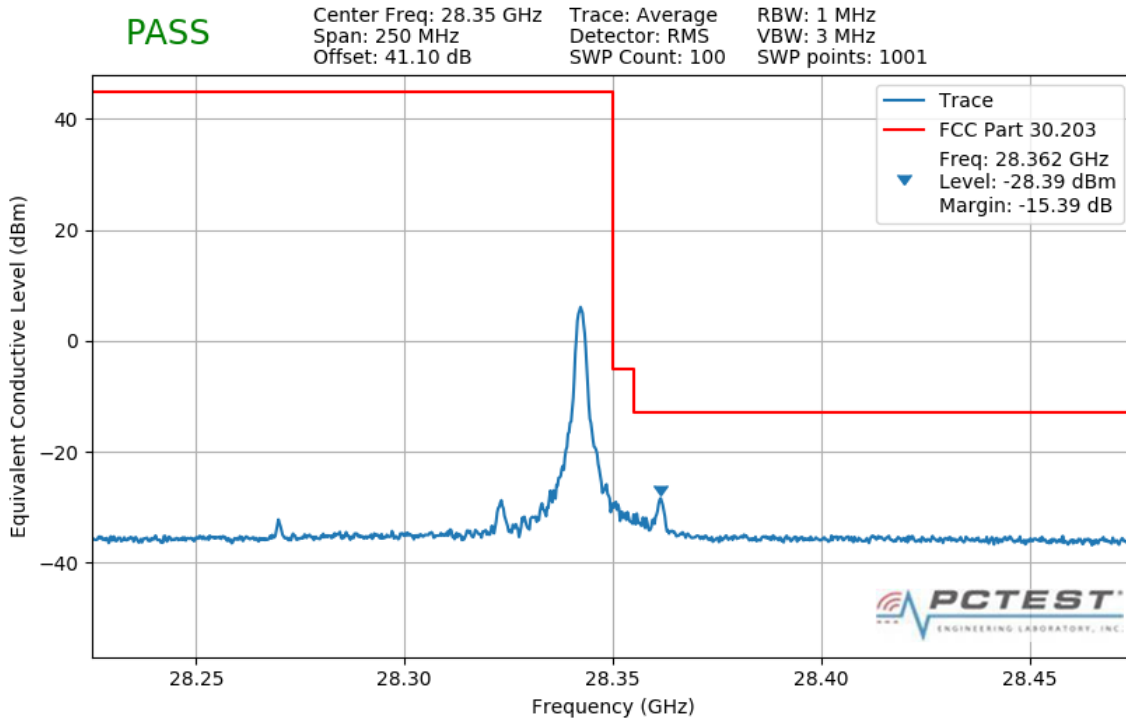


Plot 7-490. Upper Band Edge Plot (1CC 50MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 292 of 337

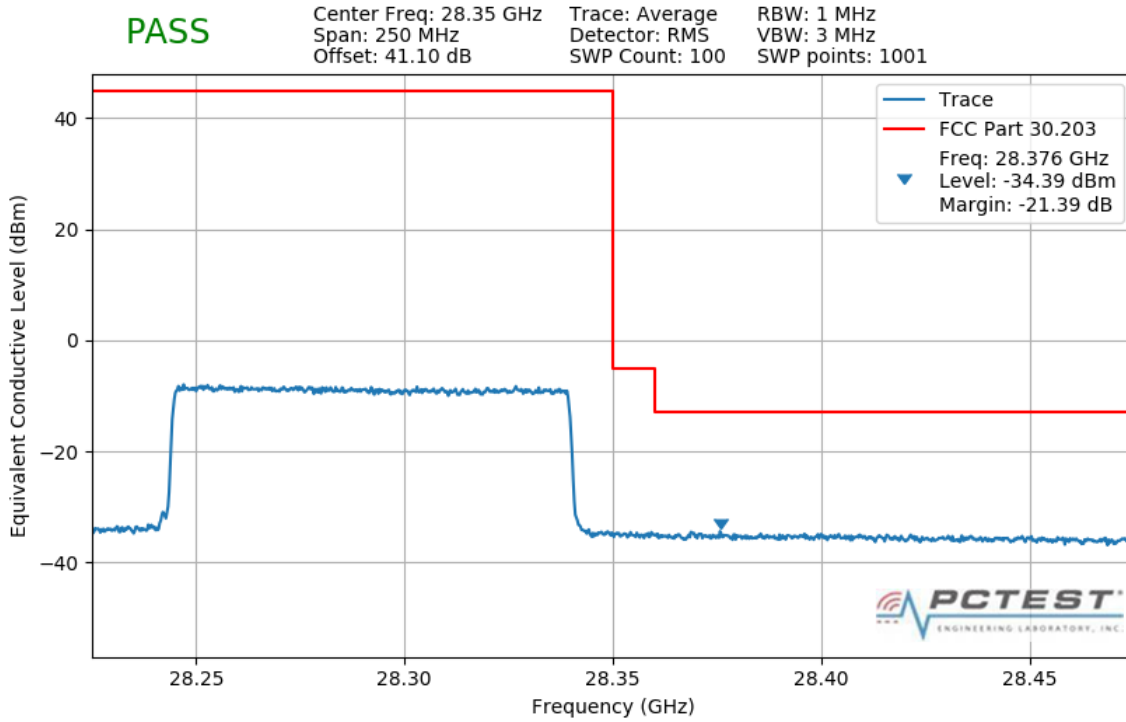


Plot 7-491. Upper Band Edge Plot (1CC 50MHz 16QAM 1 RB)

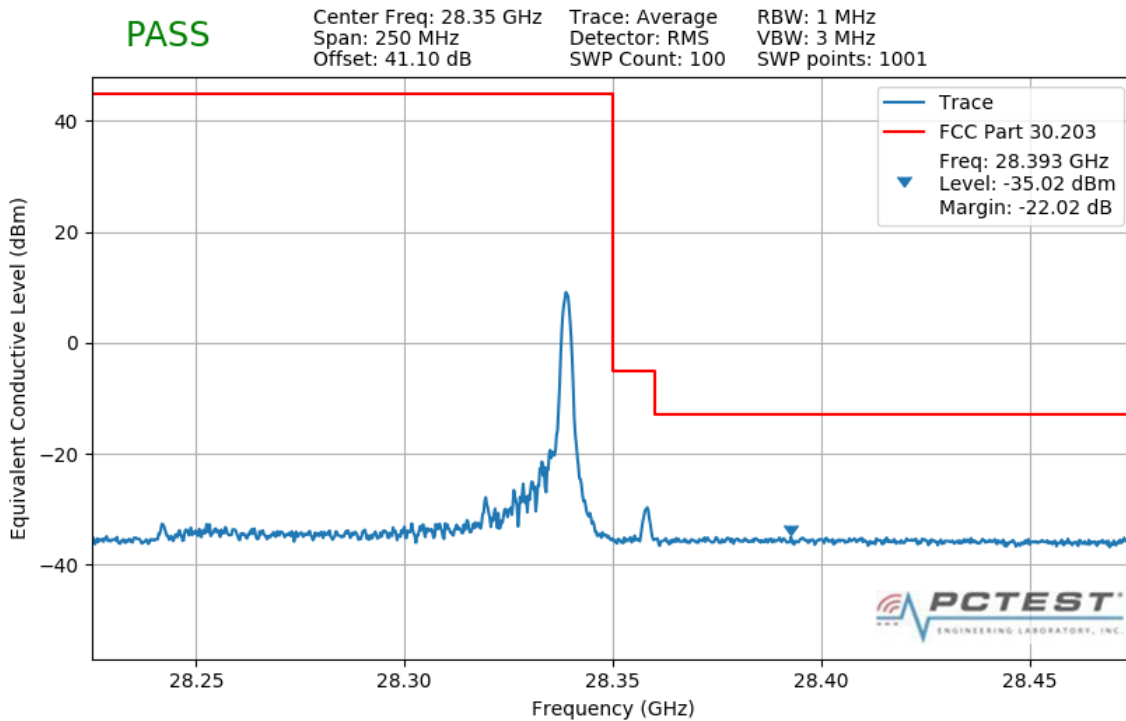


Plot 7-492. Upper Band Edge Plot (1CC 50MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 293 of 337

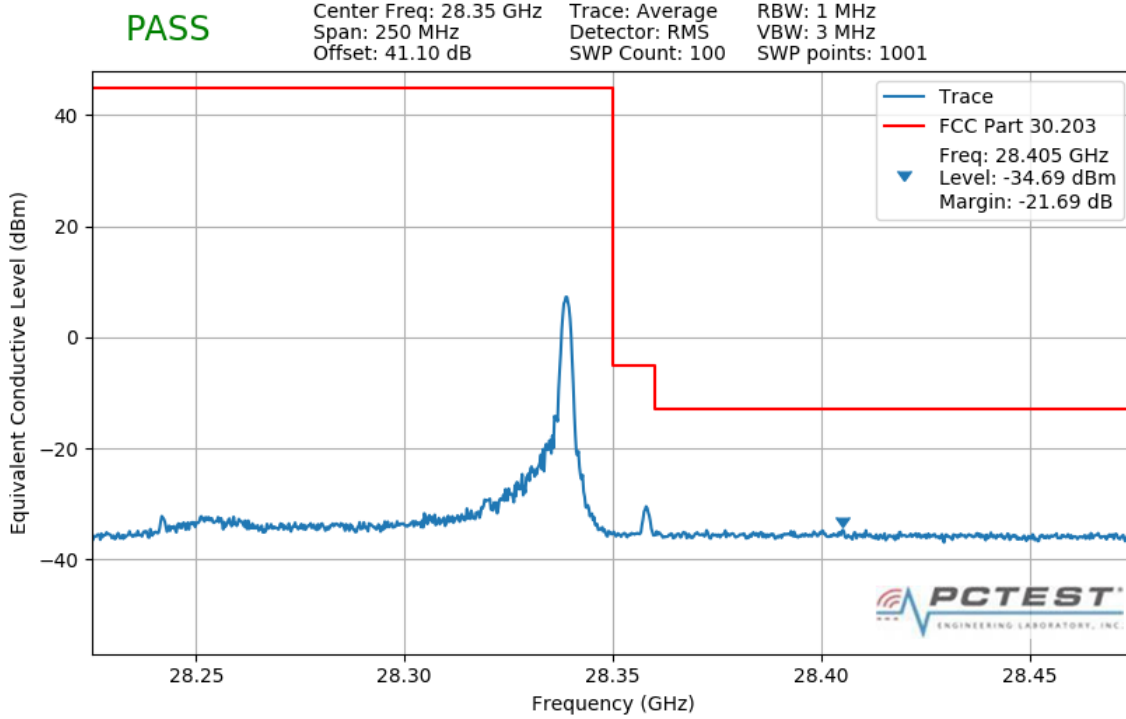


Plot 7-493. Upper Band Edge Plot (1CC 100MHz QPSK Full RB)

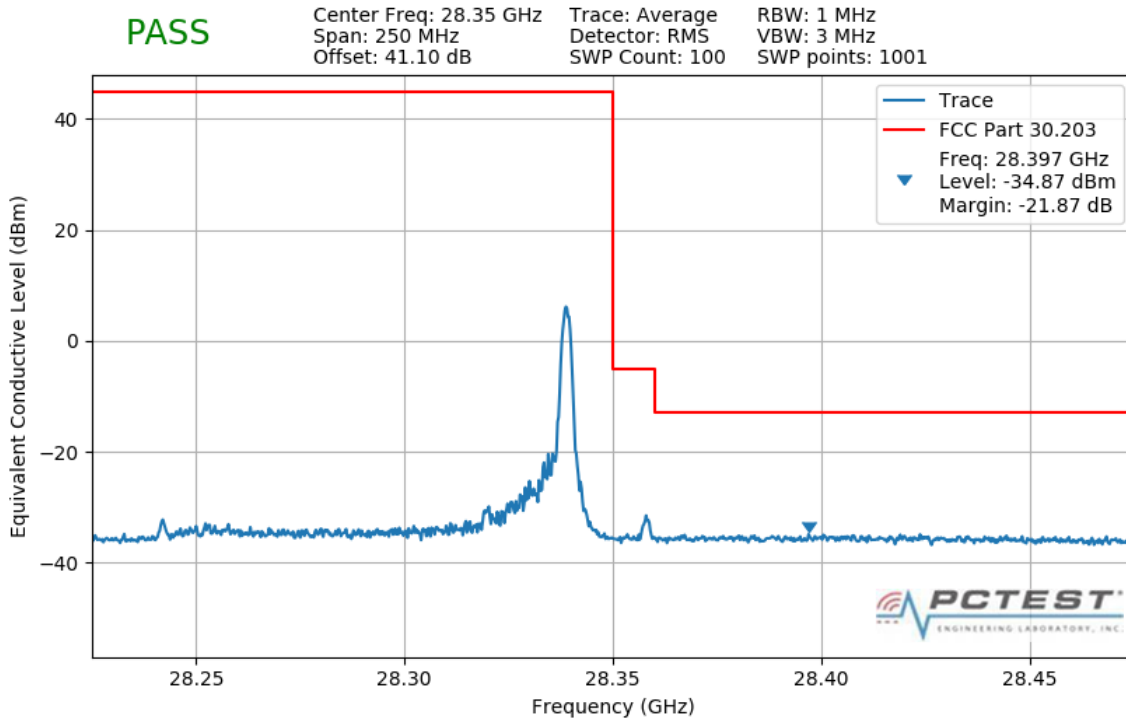


Plot 7-494. Upper Band Edge Plot (1CC 100MHz QPSK 1 RB)

FCC ID: A3LSMG977U	 MEASUREMENT REPORT (CERTIFICATION) 		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset	Page 294 of 337

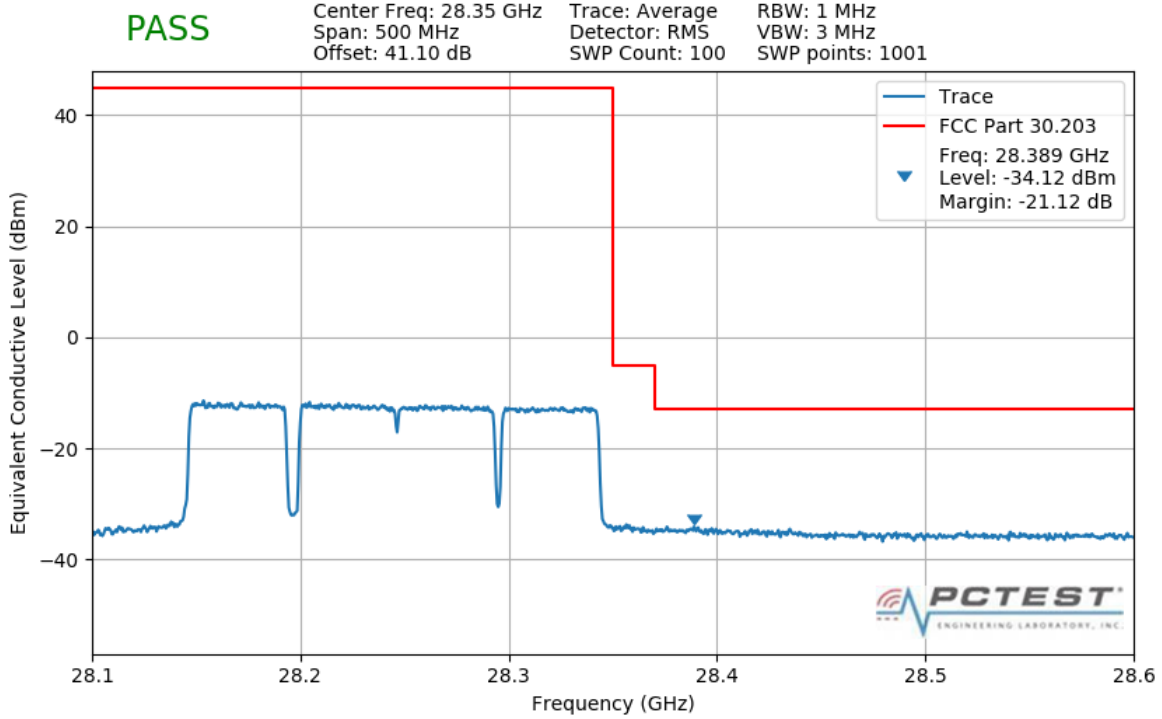


Plot 7-495. Upper Band Edge Plot (1CC 100MHz 16QAM 1 RB)

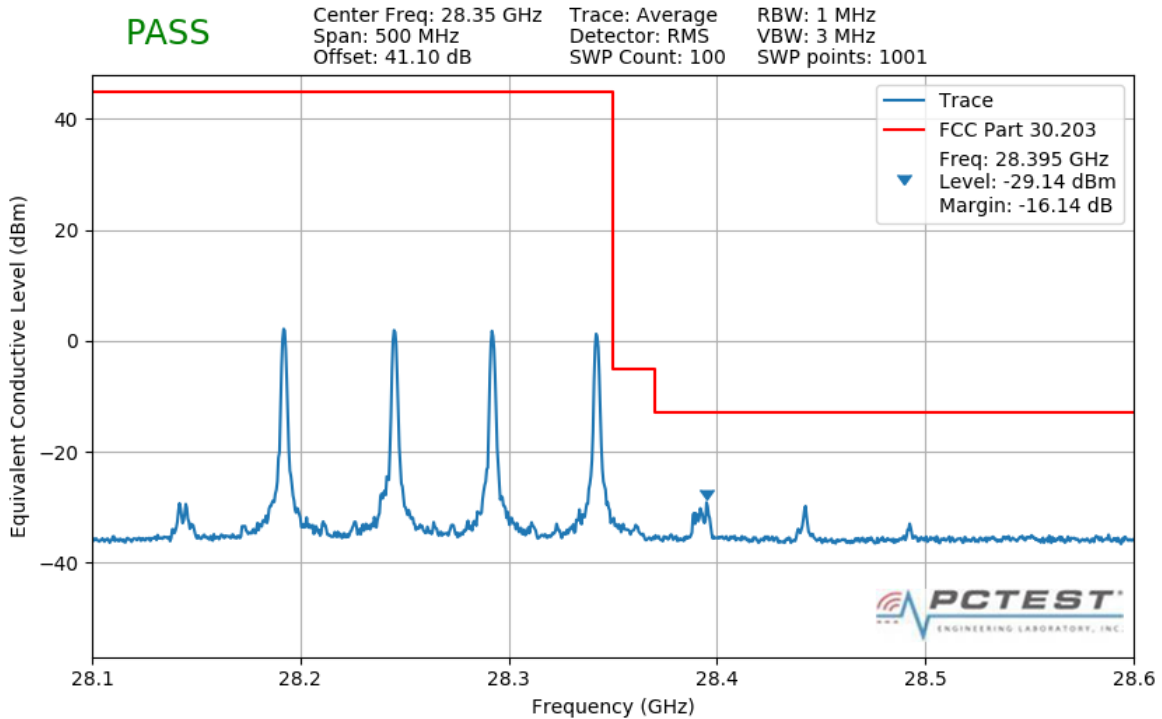


Plot 7-496. Upper Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 295 of 337

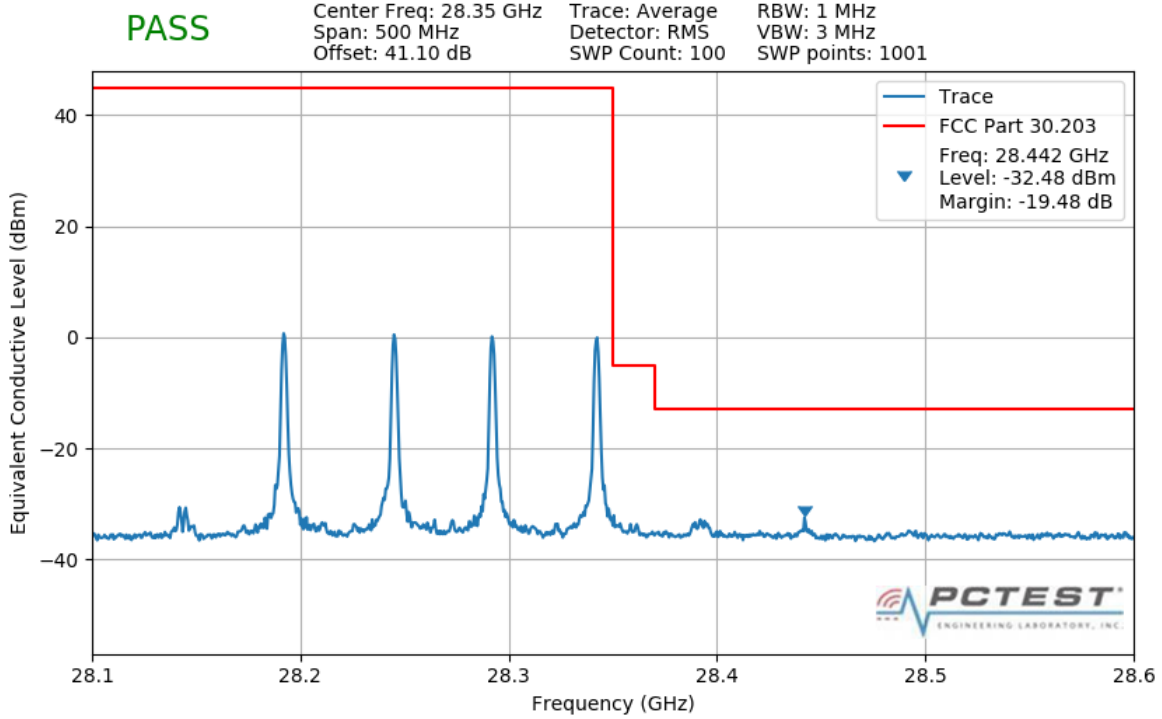


Plot 7-497. Upper Band Edge Plot (4CC 200MHz QPSK Full RB)

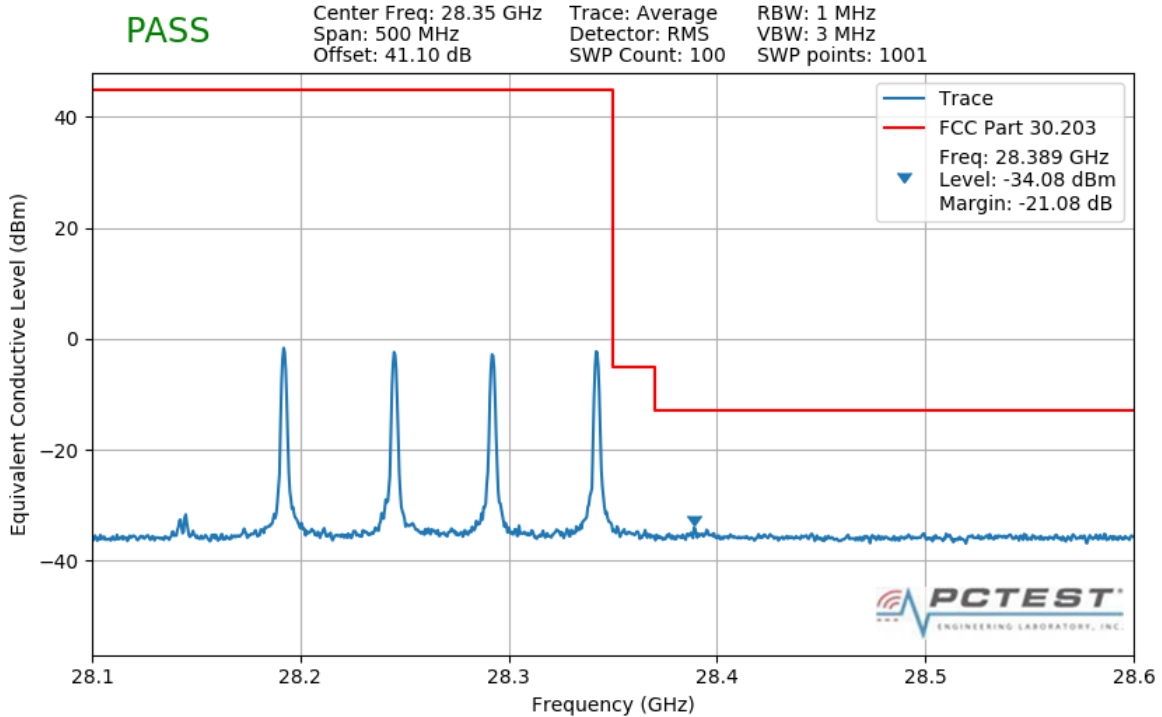


Plot 7-498. Upper Band Edge Plot (4CC 200MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 296 of 337

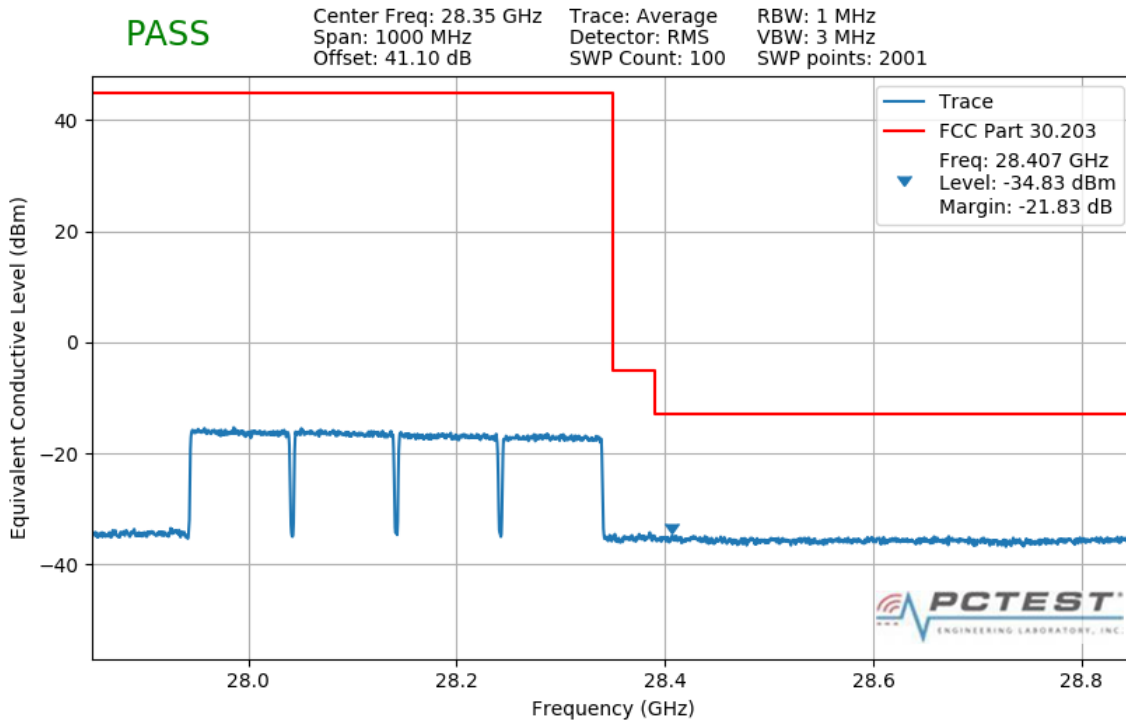


Plot 7-499. Upper Band Edge Plot (4CC 200MHz 16QAM 1 RB)

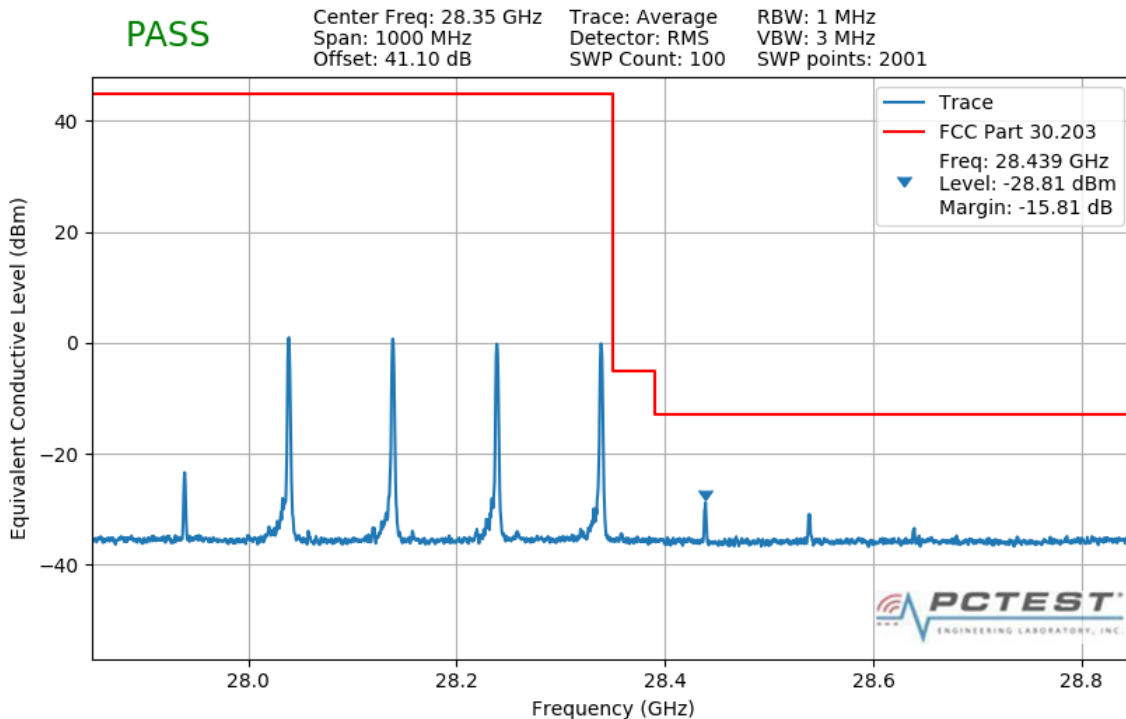


Plot 7-500. Upper Band Edge Plot (4CC 200MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 297 of 337

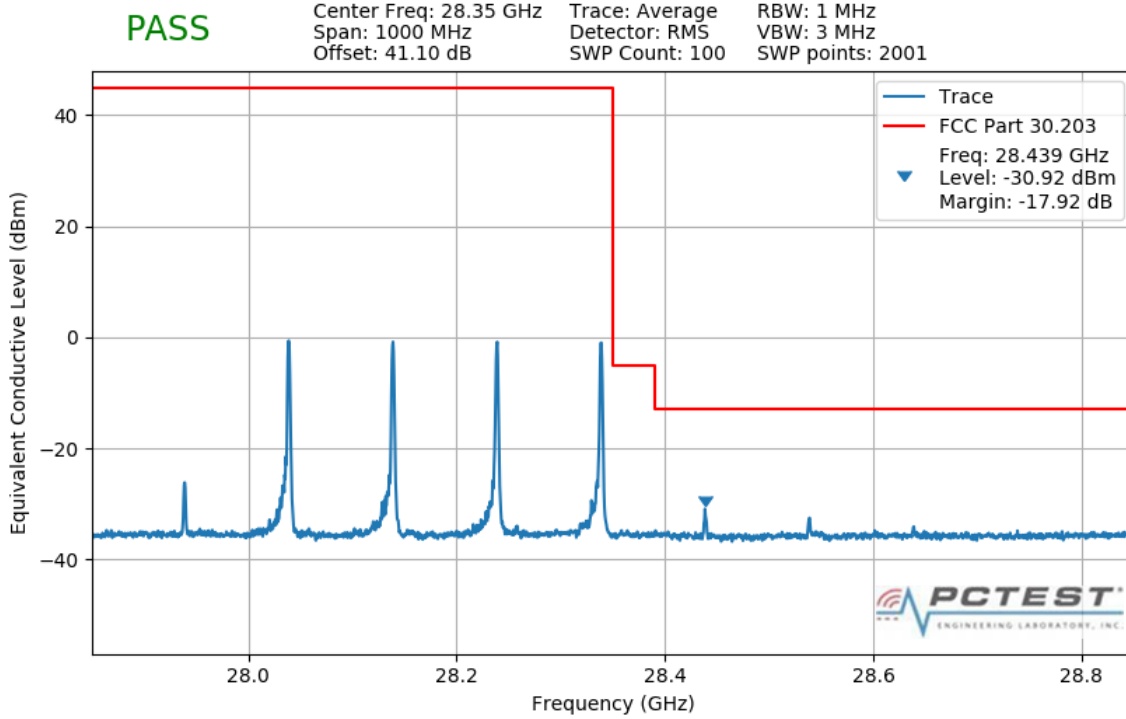


Plot 7-501. Upper Band Edge Plot (4CC 400MHz QPSK Full RB)

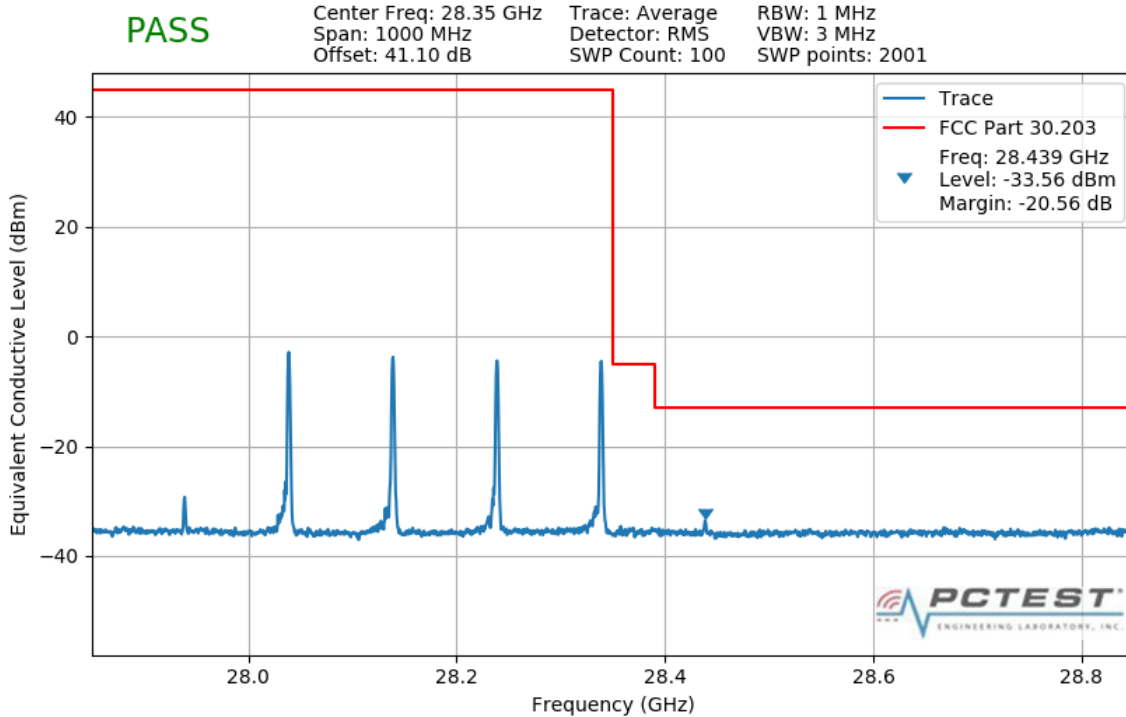


Plot 7-502. Upper Band Edge Plot (4CC 400MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 298 of 337



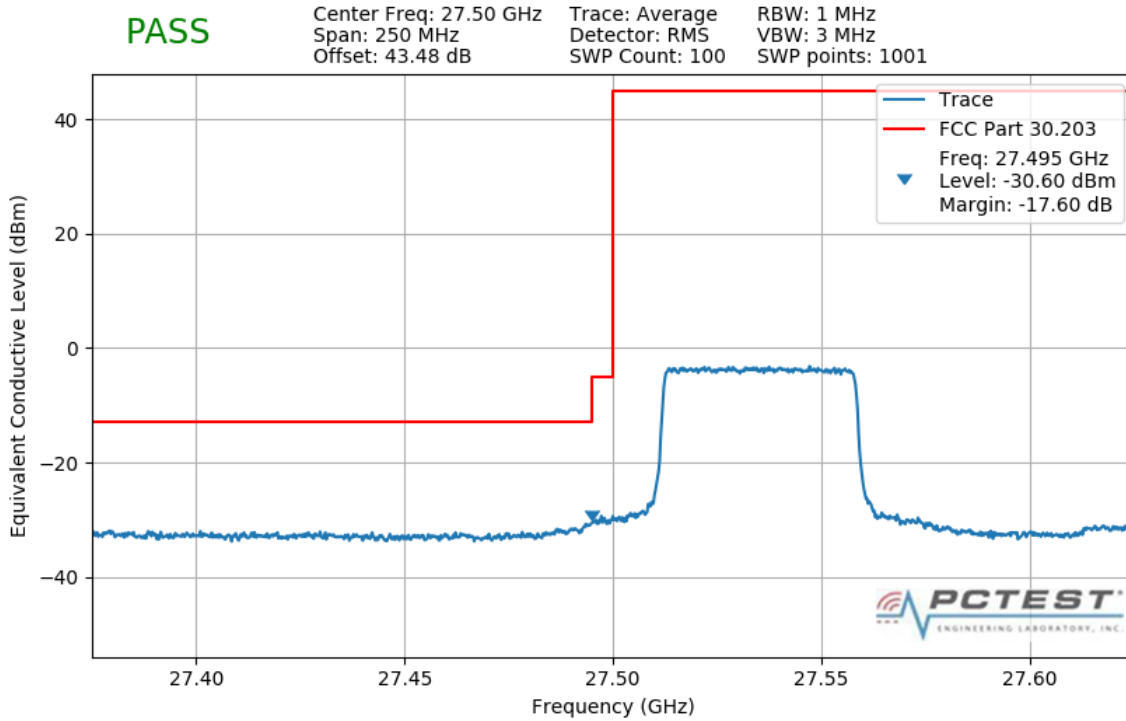
Plot 7-503. Upper Band Edge Plot (4CC 400MHz 16QAM 1 RB)



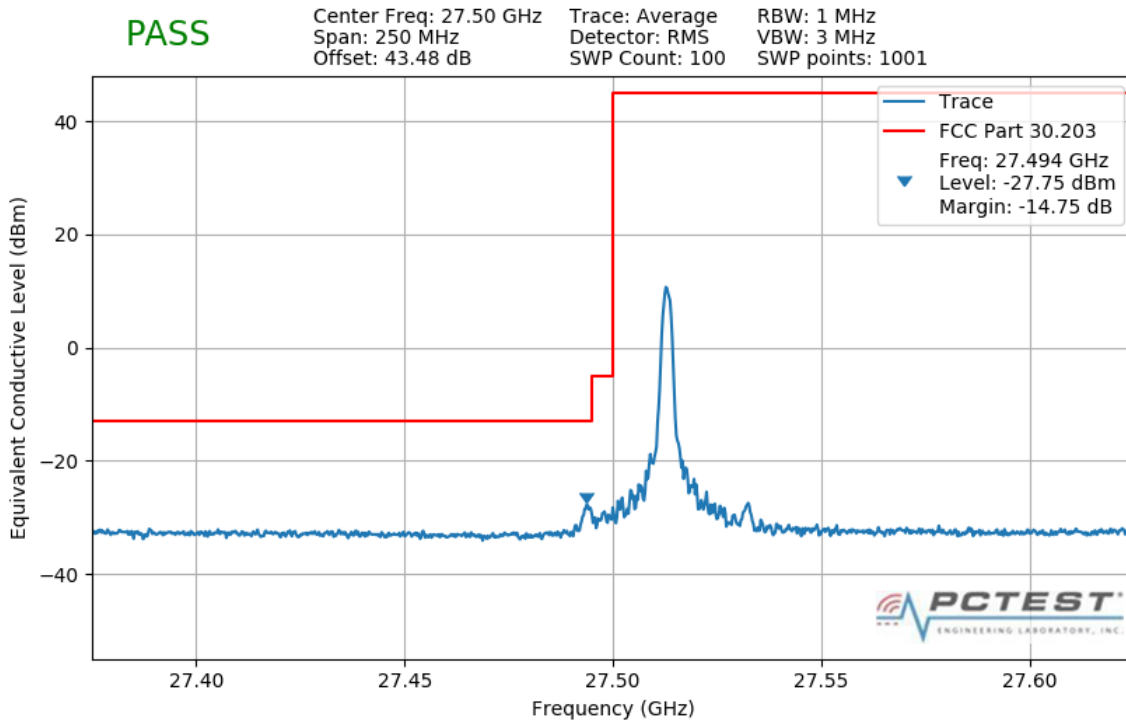
Plot 7-504. Upper Band Edge Plot (4CC 400MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 299 of 337

V Beam

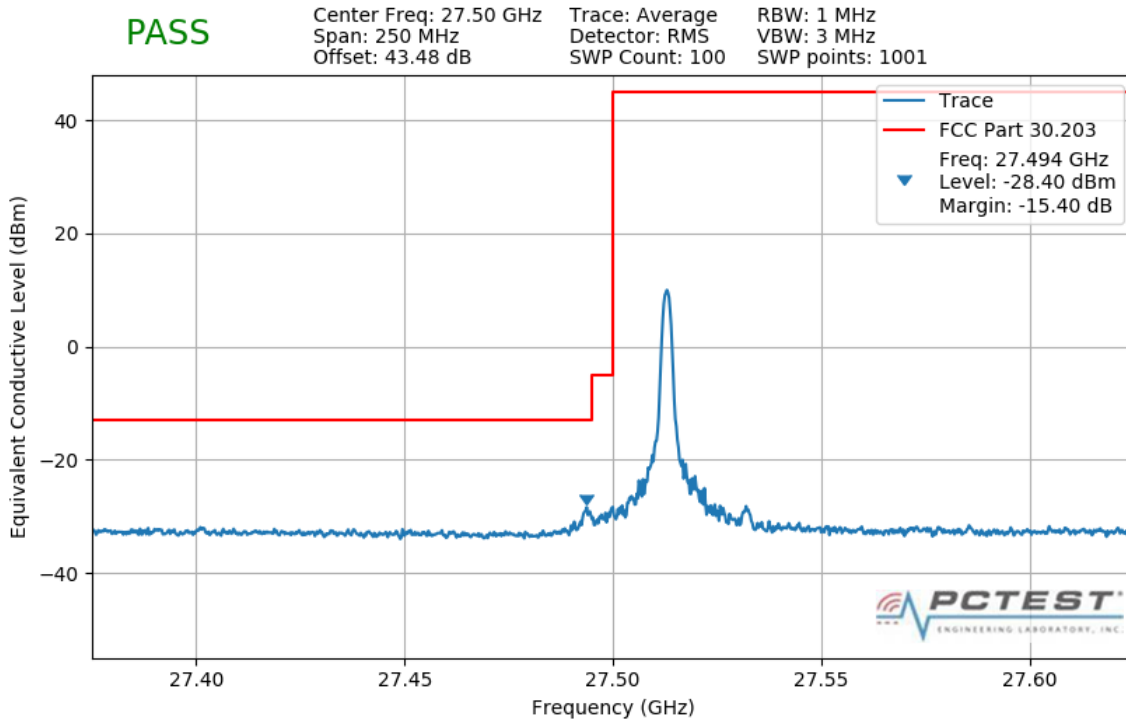


Plot 7-505. Lower Band Edge Plot (1CC 50MHz QPSK Full RB)

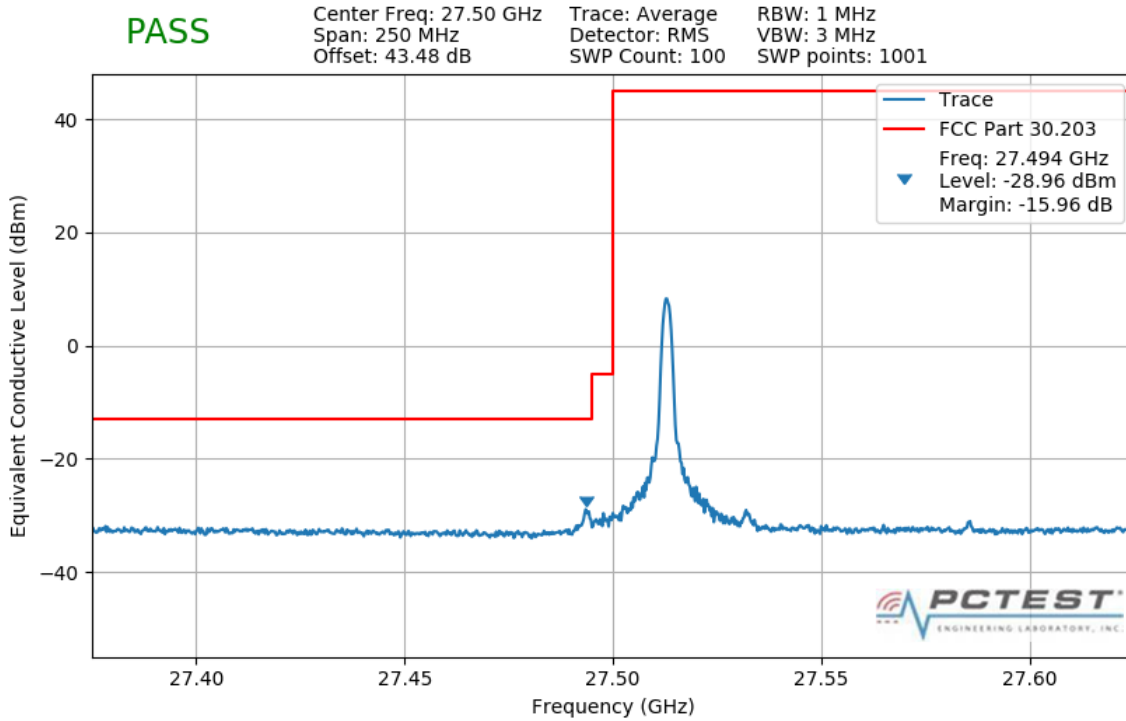


Plot 7-506. Lower Band Edge Plot (1CC 50MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset			Page 300 of 337

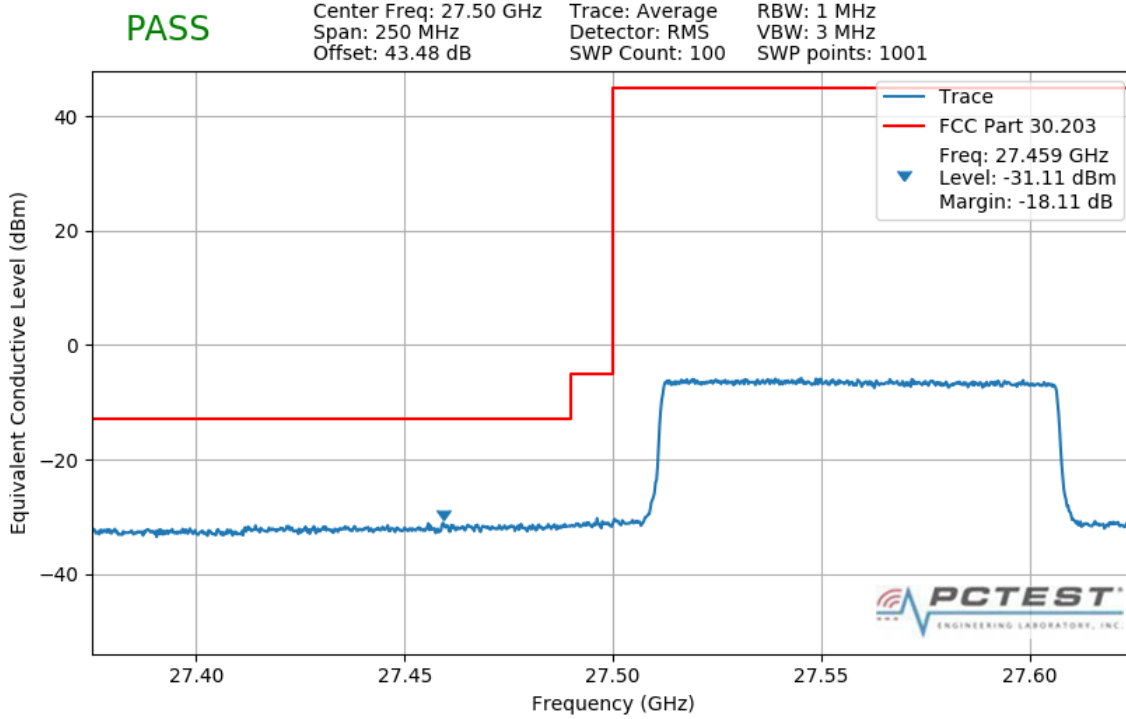


Plot 7-507. Lower Band Edge Plot (1CC 50MHz 16QAM 1 RB)

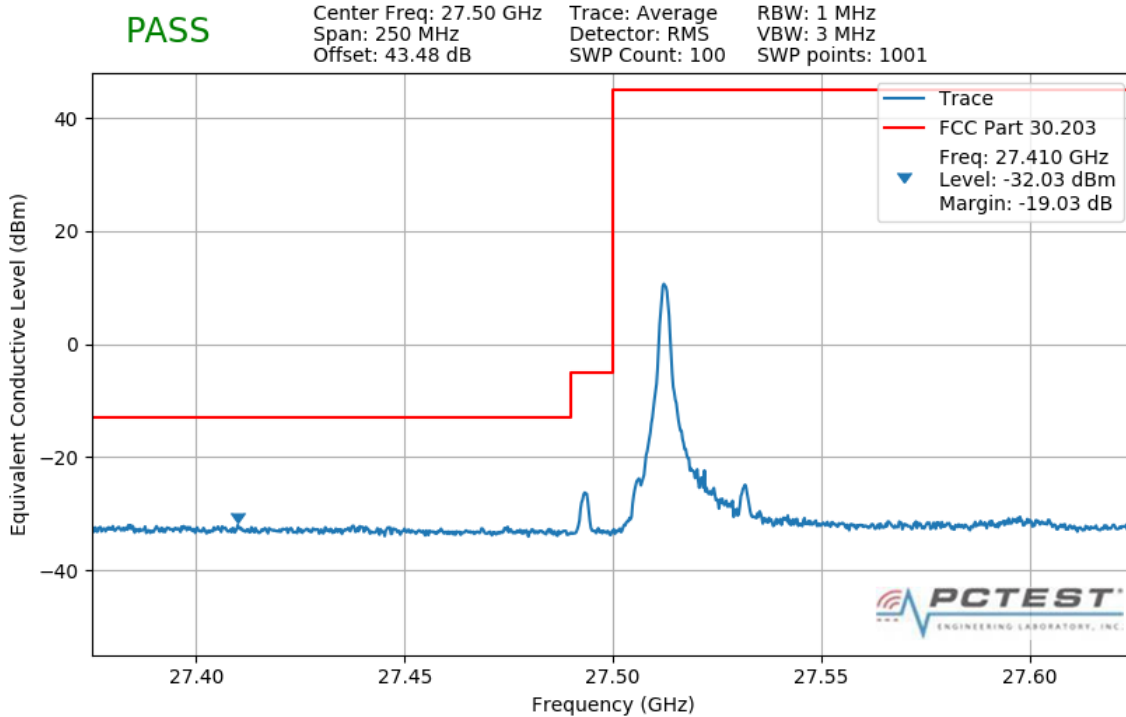


Plot 7-508. Lower Band Edge Plot (1CC 50MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 301 of 337

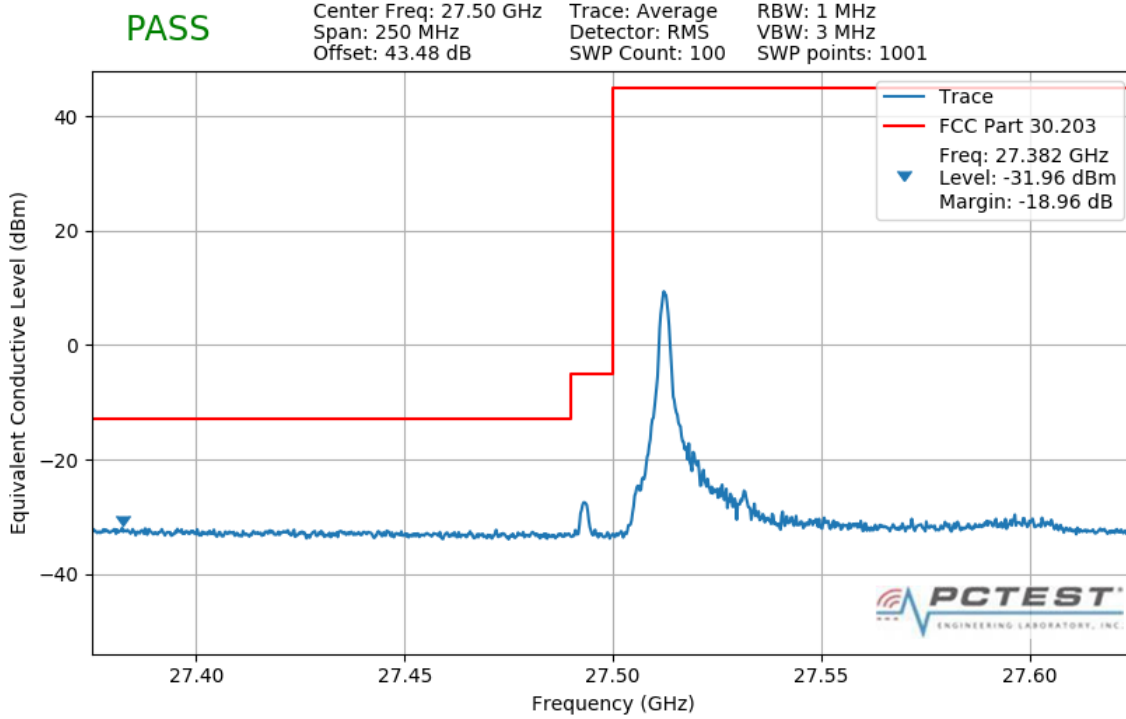


Plot 7-509. Lower Band Edge Plot (1CC 100MHz QPSK Full RB)

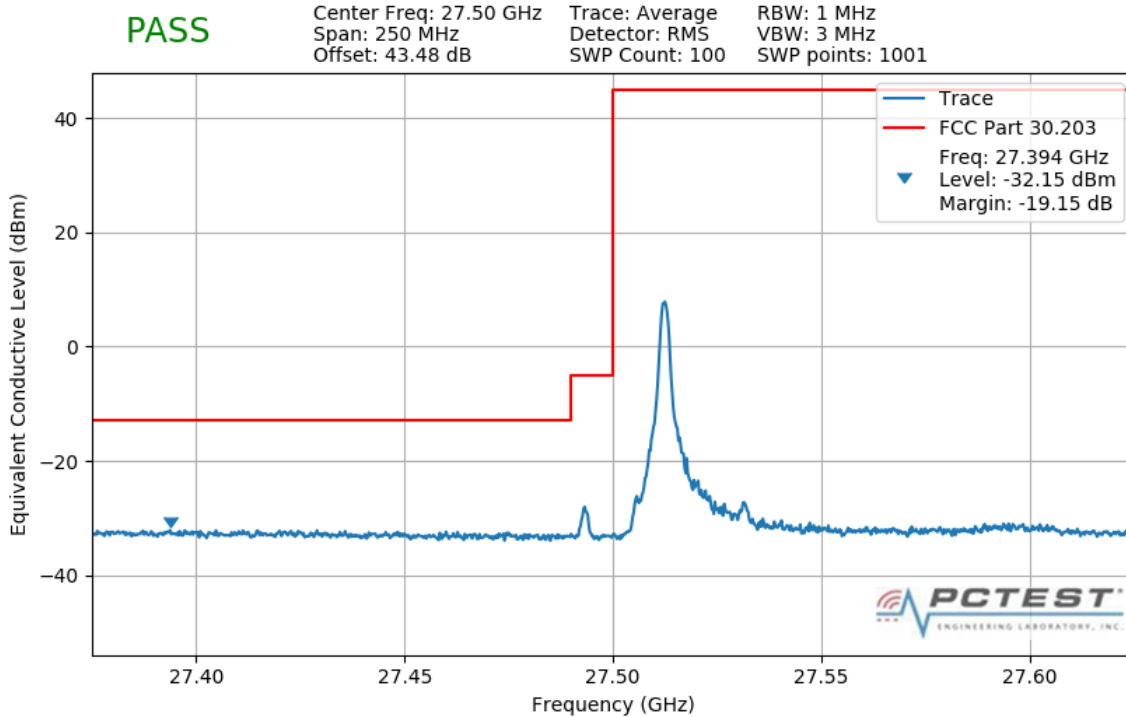


Plot 7-510. Lower Band Edge Plot (1CC 100MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 302 of 337

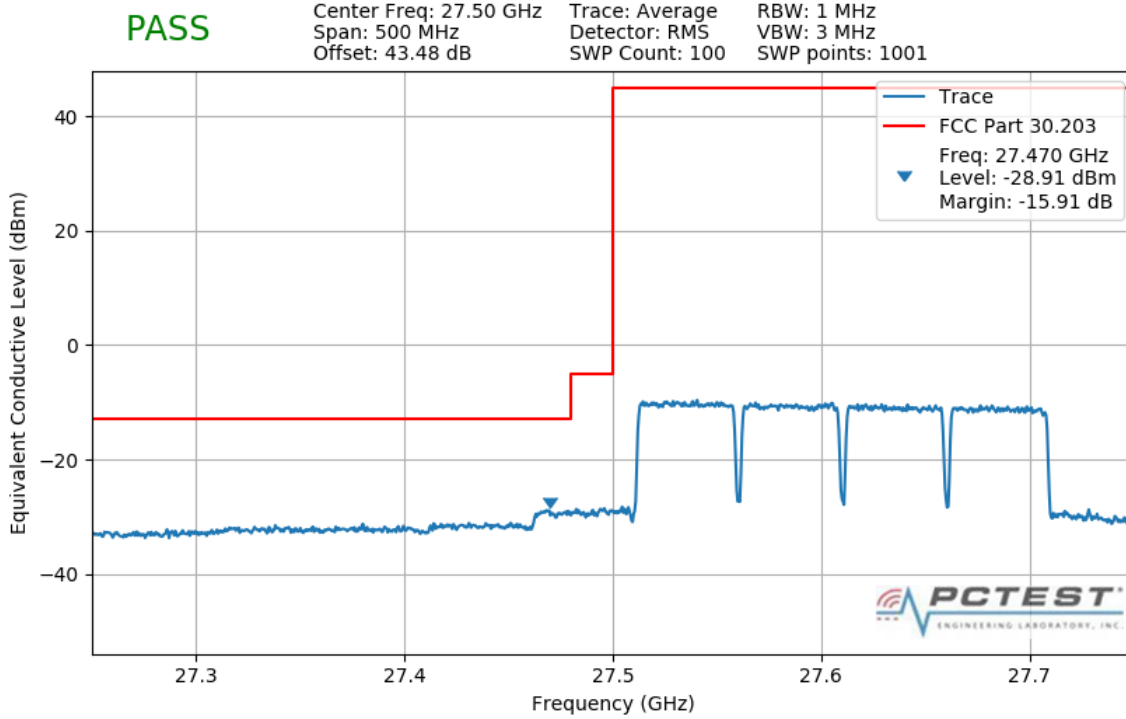


Plot 7-511. Lower Band Edge Plot (1CC 100MHz 16QAM 1 RB)

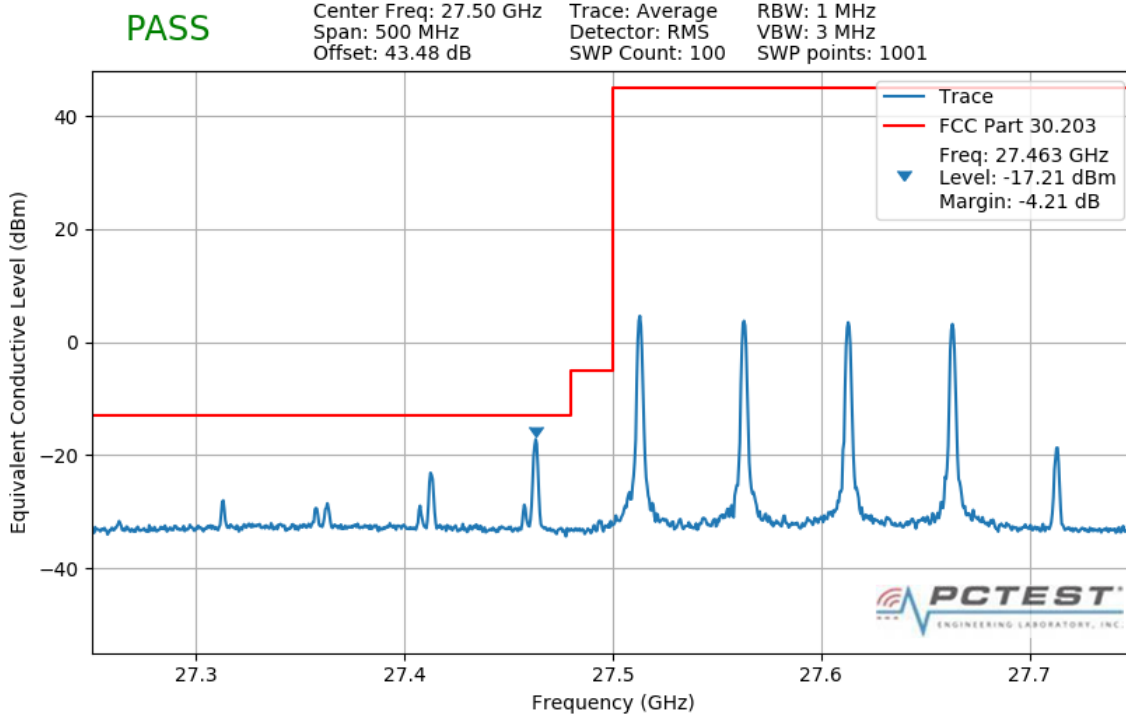


Plot 7-512. Lower Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset	Page 303 of 337

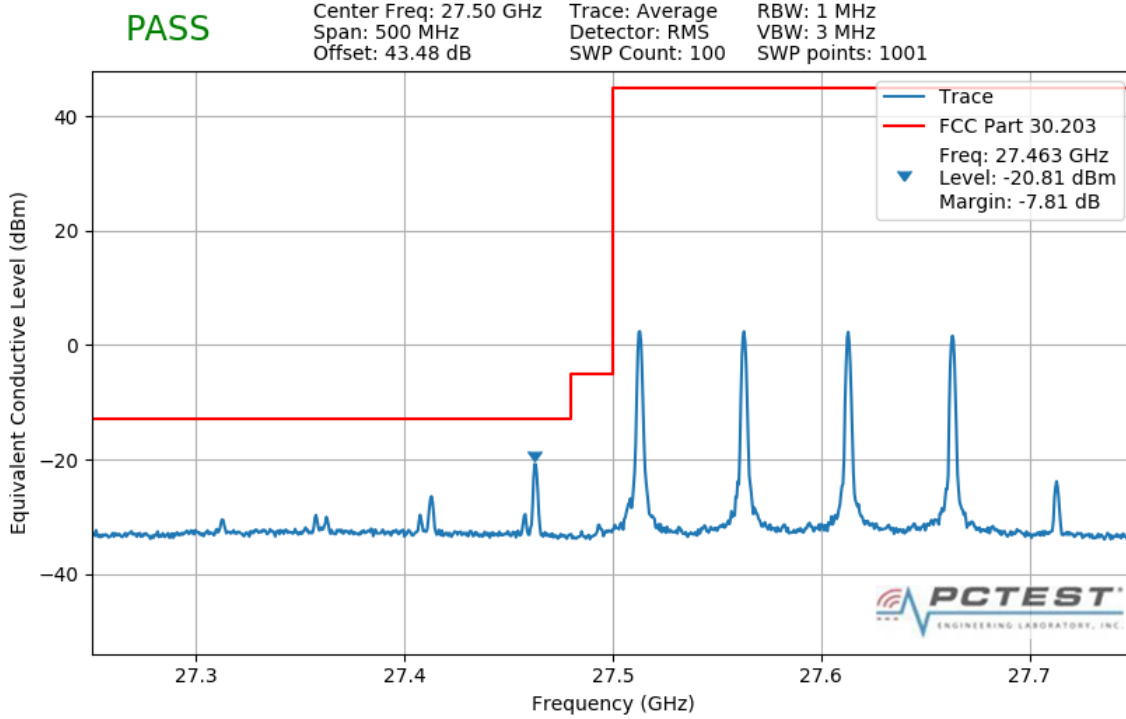


Plot 7-513. Lower Band Edge Plot (4CC 200MHz QPSK Full RB)

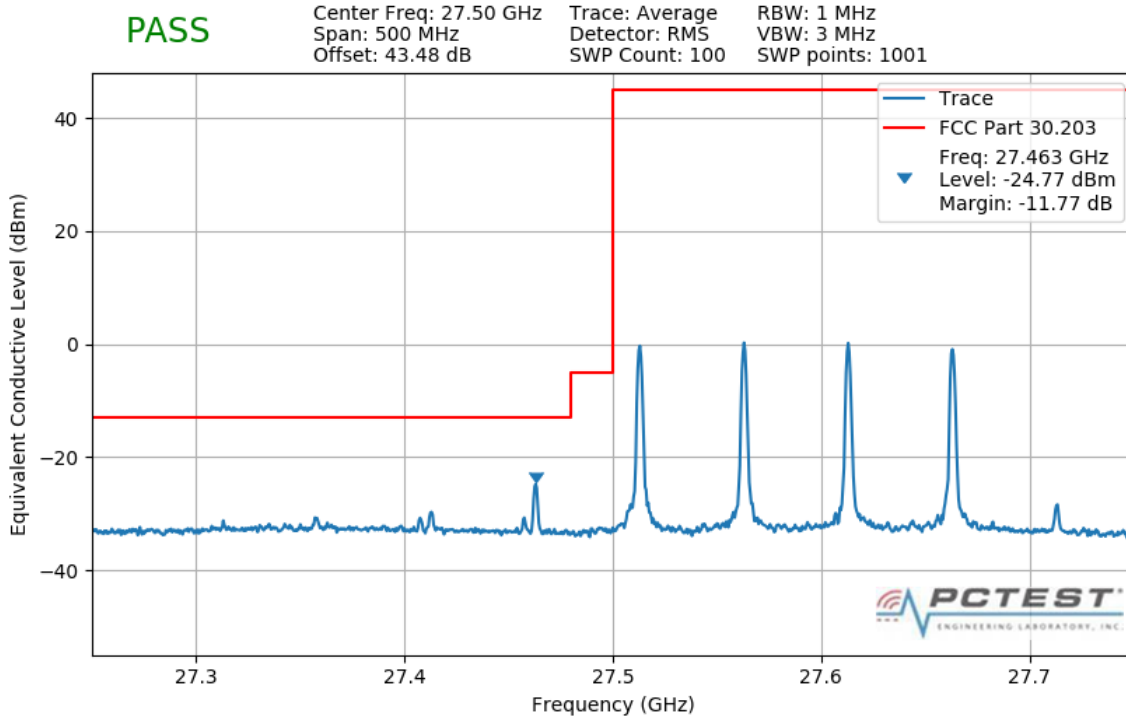


Plot 7-514. Lower Band Edge Plot (4CC 200MHz QPSK 1 RB)

FCC ID: A3LSMG977U	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset	Page 304 of 337

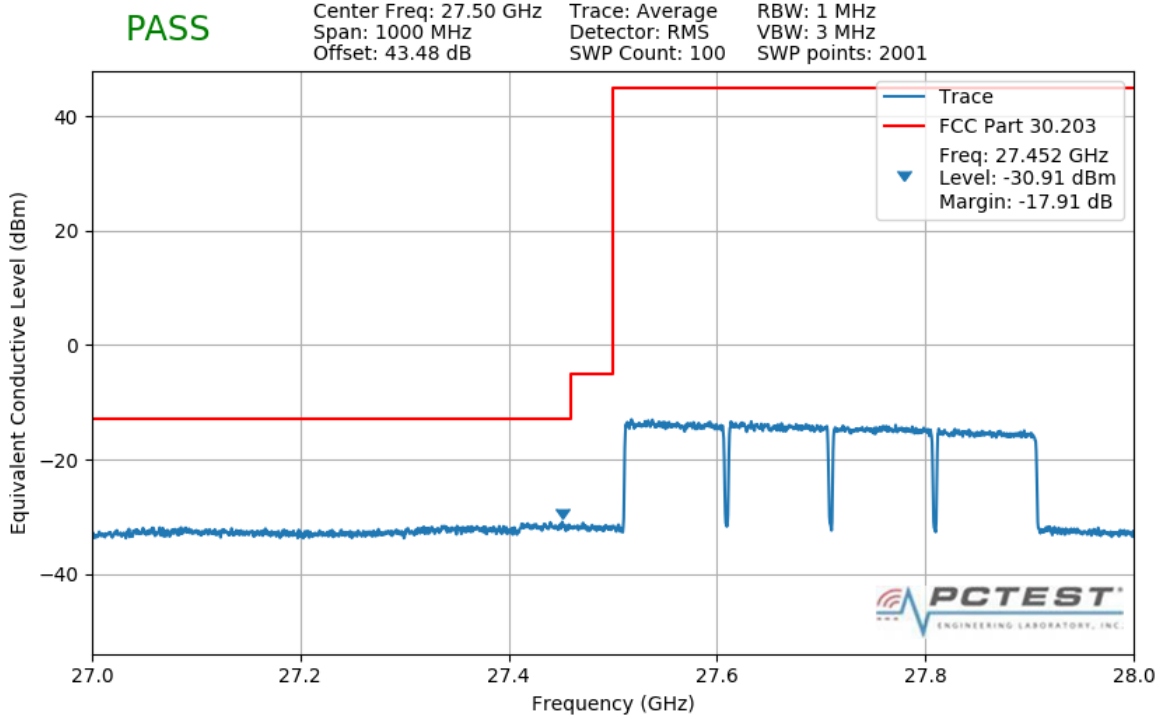


Plot 7-515. Lower Band Edge Plot (4CC 200MHz 16QAM 1 RB)

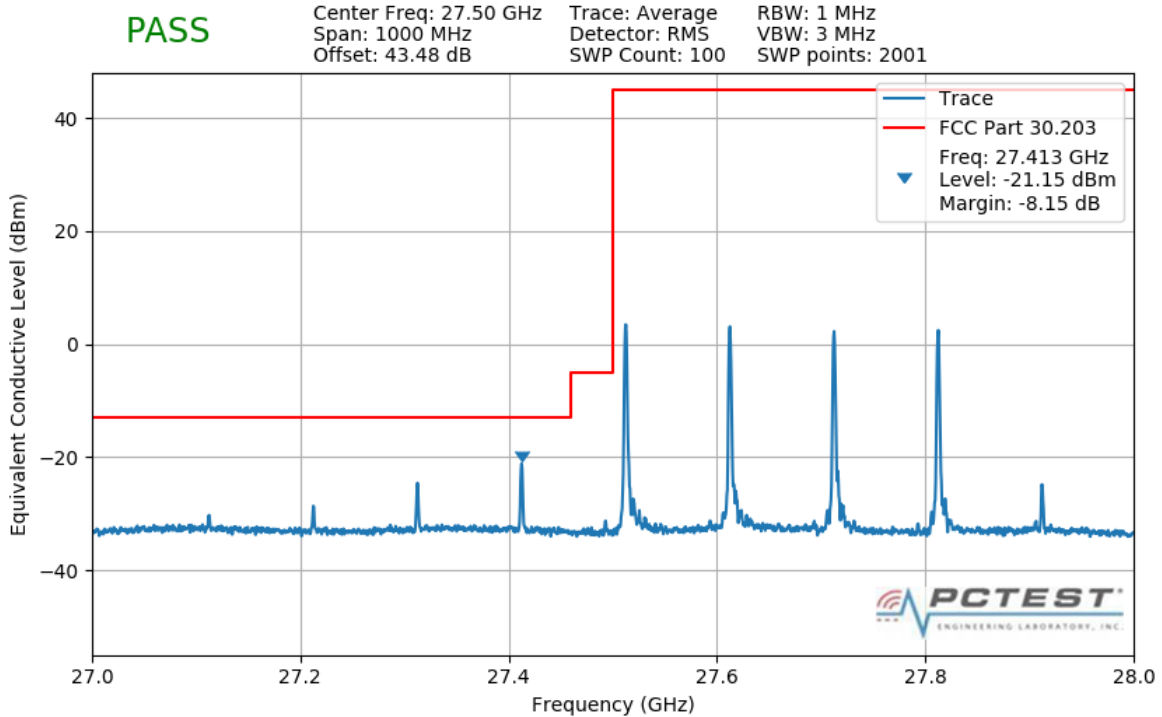


Plot 7-516. Lower Band Edge Plot (4CC 200MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 305 of 337

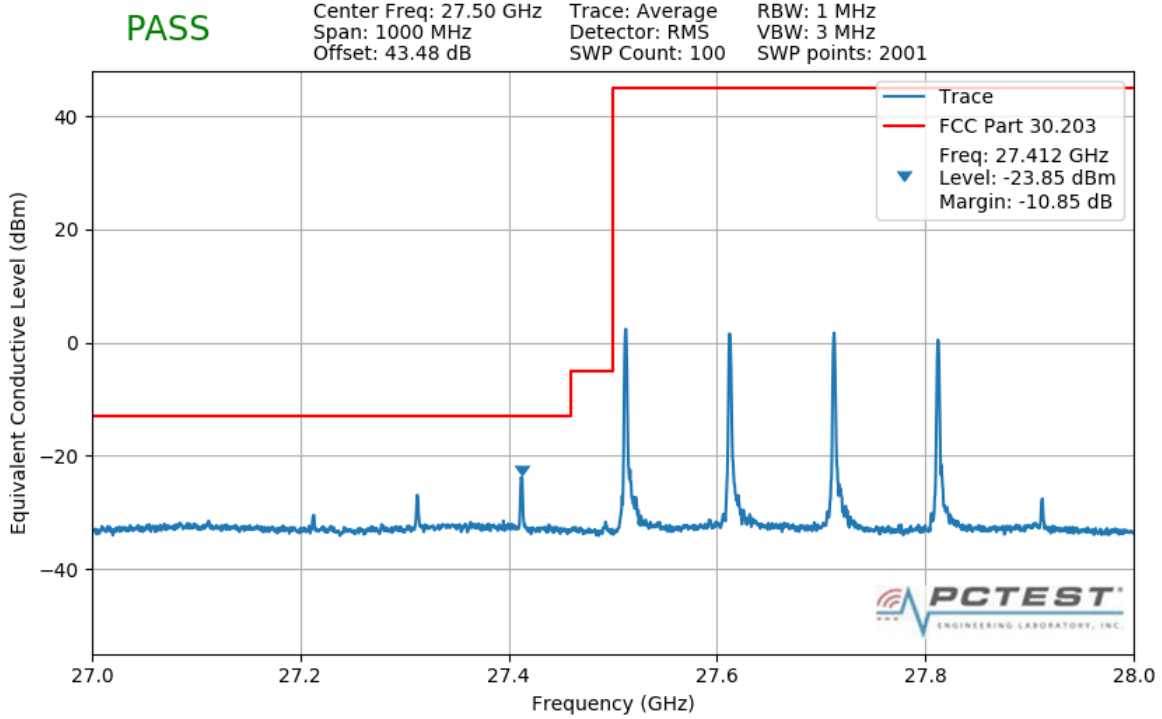


Plot 7-517. Lower Band Edge Plot (4CC 400MHz QPSK Full RB)

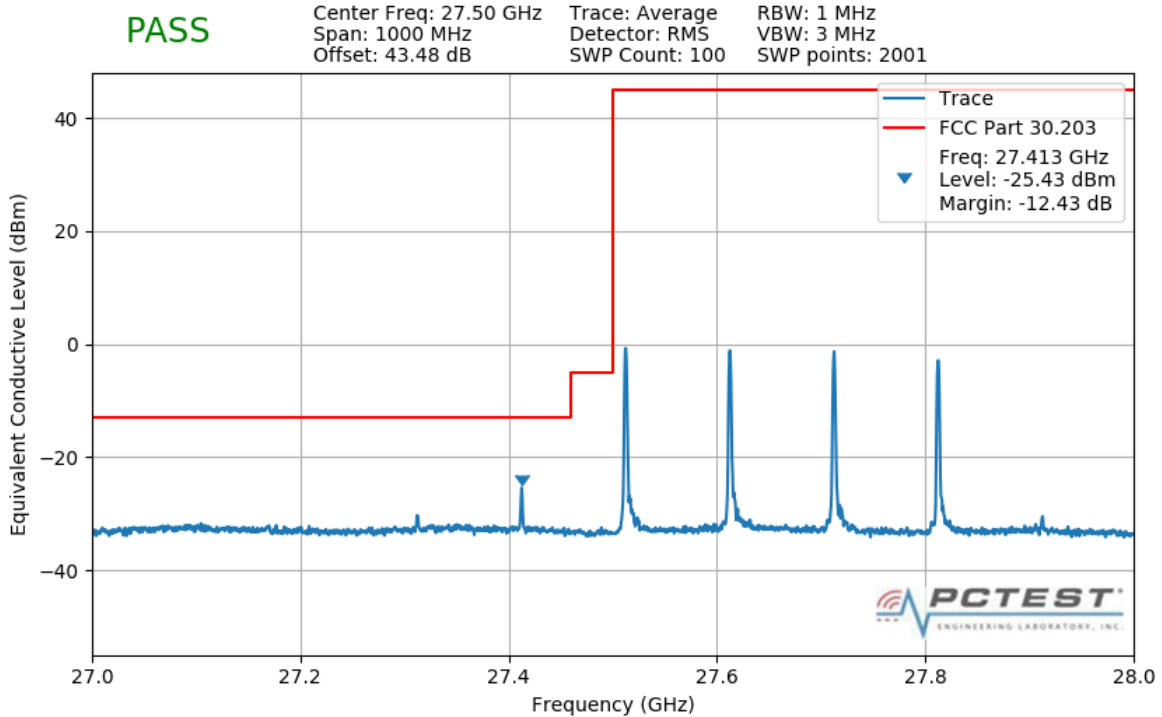


Plot 7-518. Lower Band Edge Plot (4CC 400MHz QPSK 1 RB)

FCC ID: A3LSMG977U	 MEASUREMENT REPORT (CERTIFICATION) 		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset	Page 306 of 337

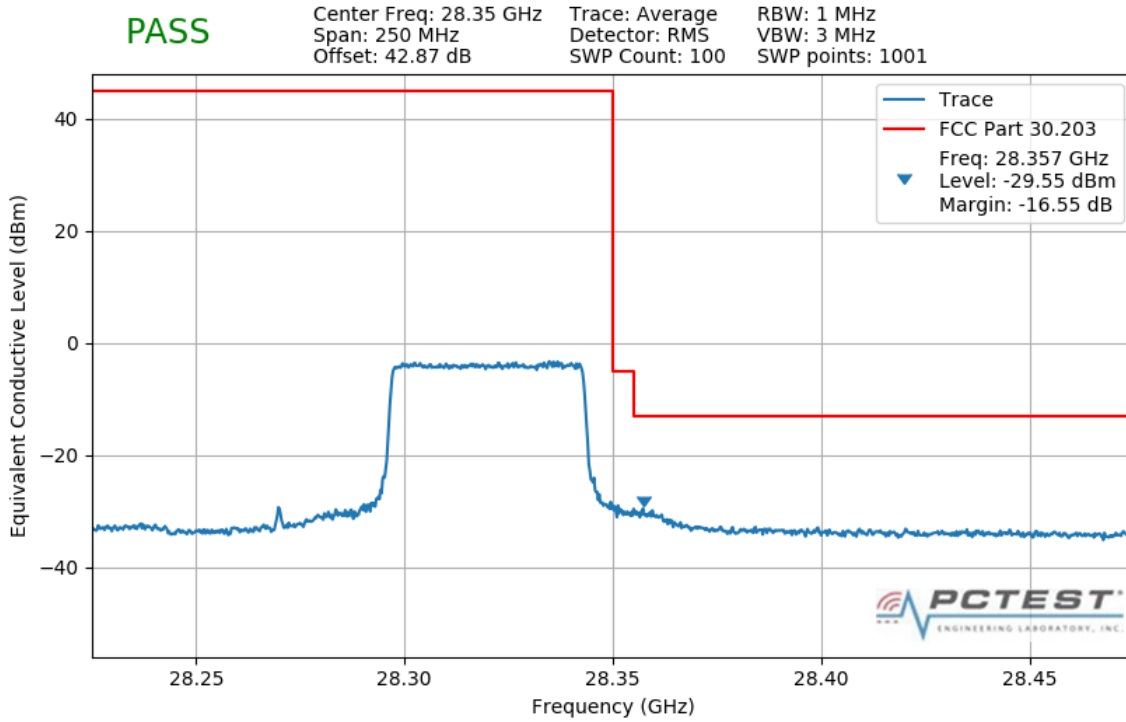


Plot 7-519. Lower Band Edge Plot (4CC 400MHz 16QAM 1 RB)

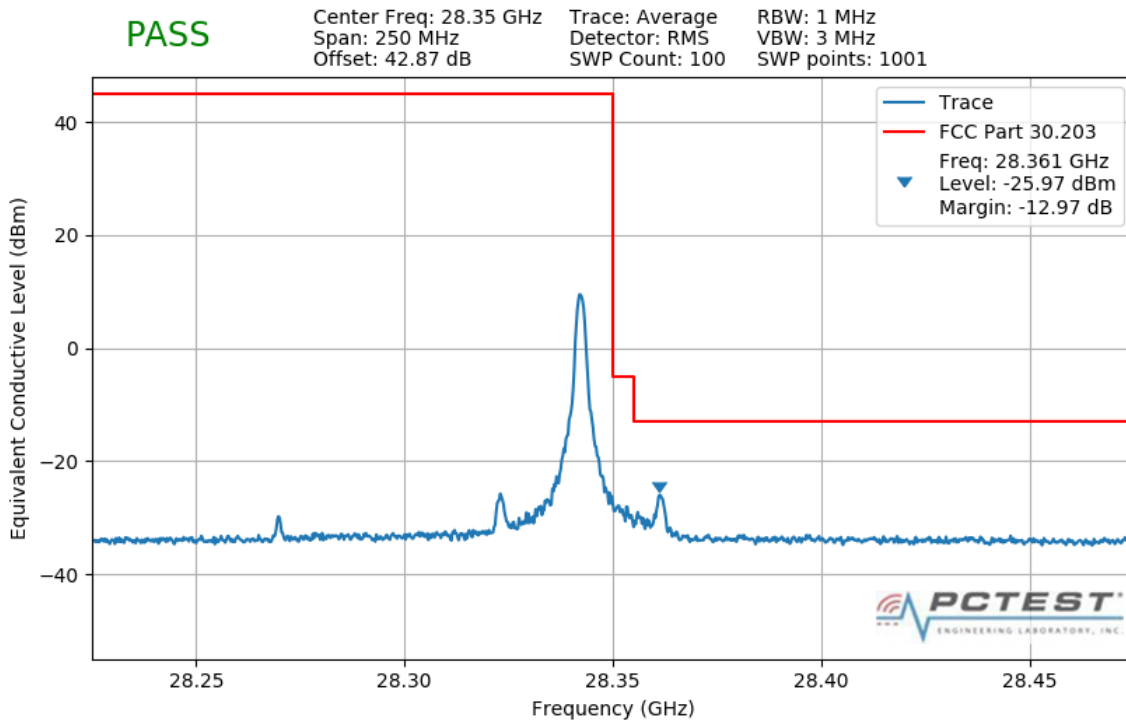


Plot 7-520. Lower Band Edge Plot (4CC 400MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 307 of 337

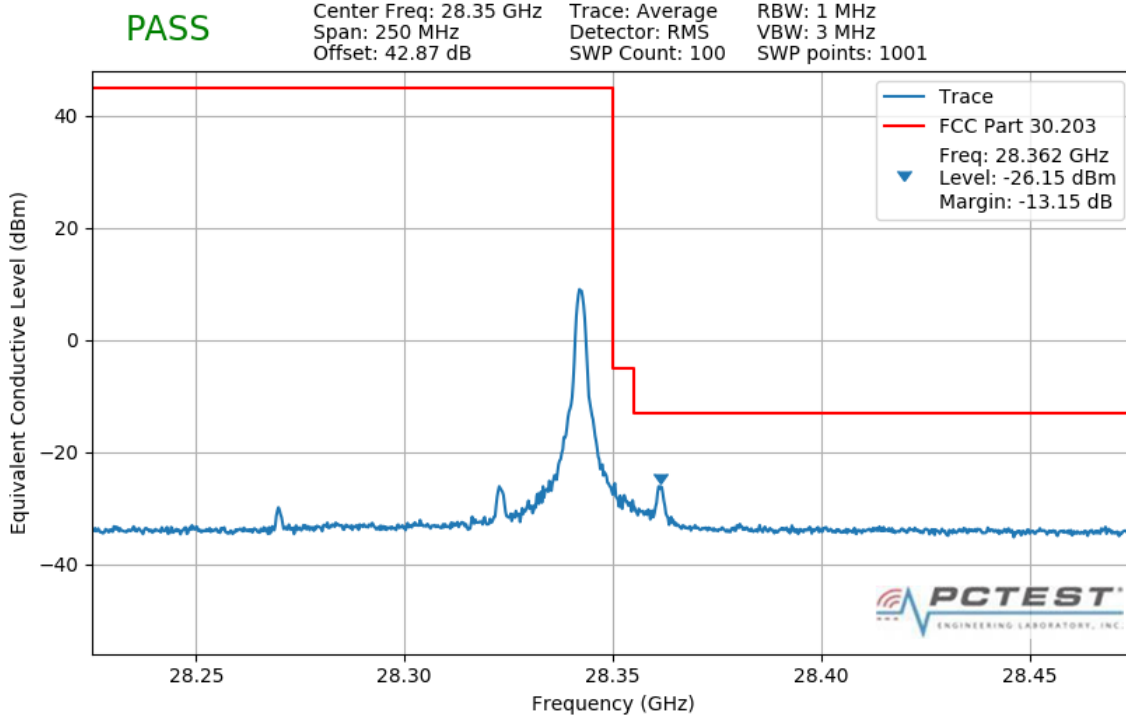


Plot 7-521. Upper Band Edge Plot (1CC 50MHz QPSK Full RB)

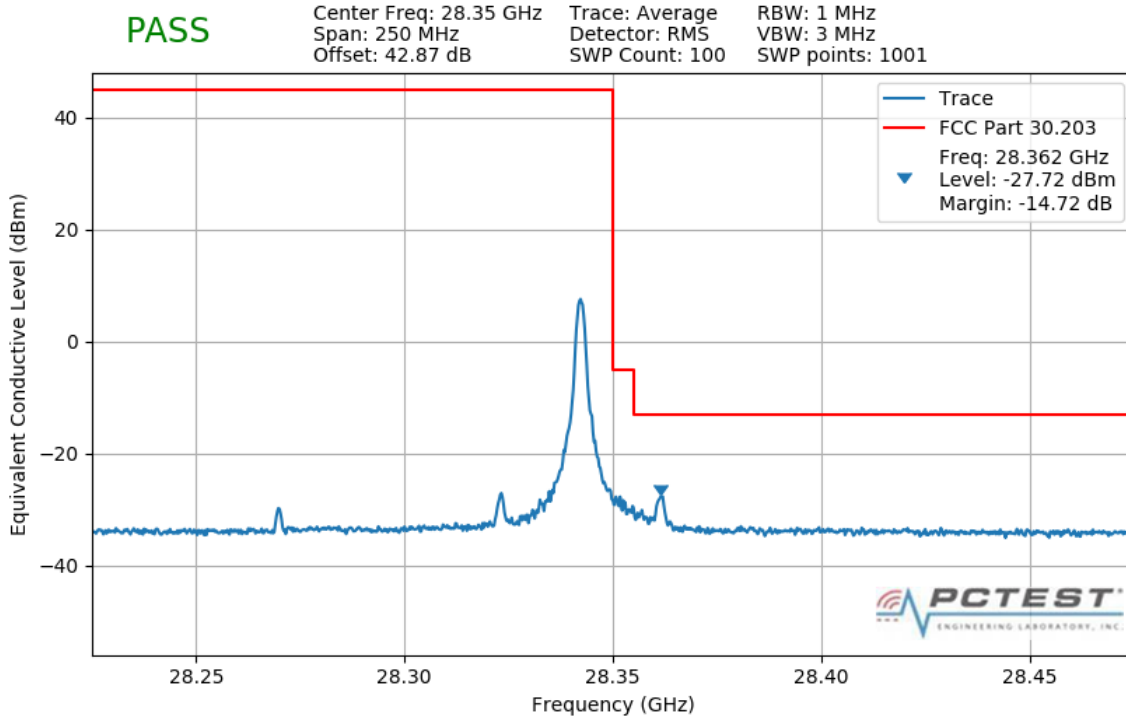


Plot 7-522. Upper Band Edge Plot (1CC 50MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 308 of 337

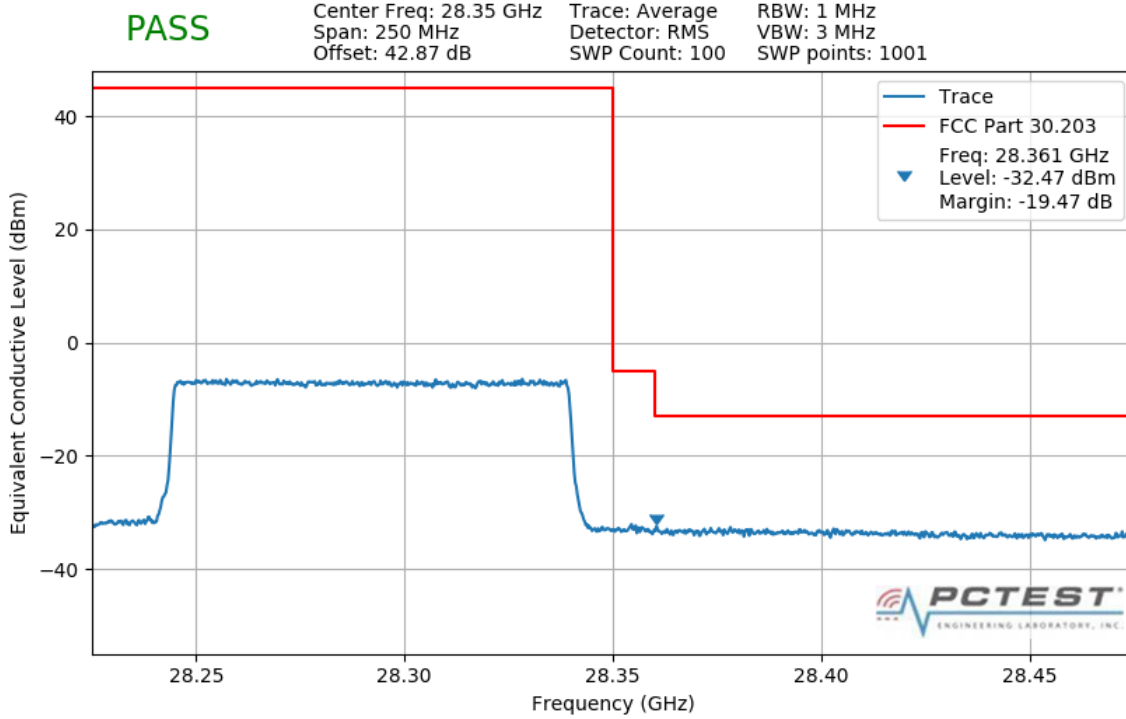


Plot 7-523. Upper Band Edge Plot (1CC 50MHz 16QAM 1 RB)

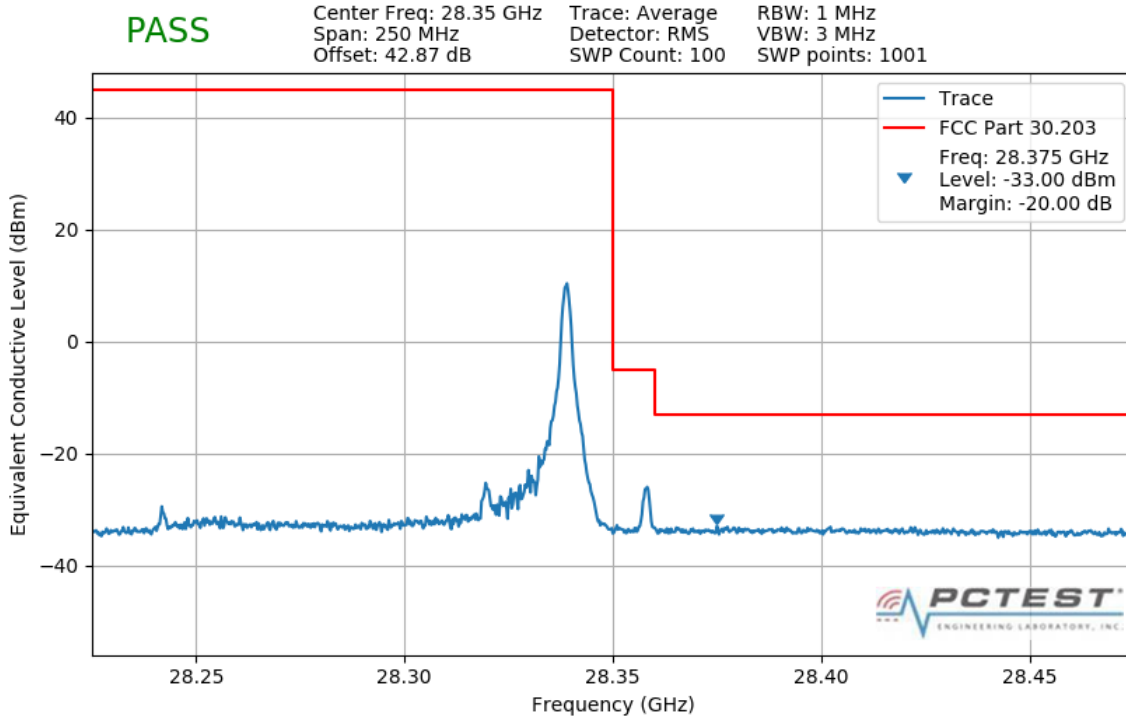


Plot 7-524. Upper Band Edge Plot (1CC 50MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 309 of 337

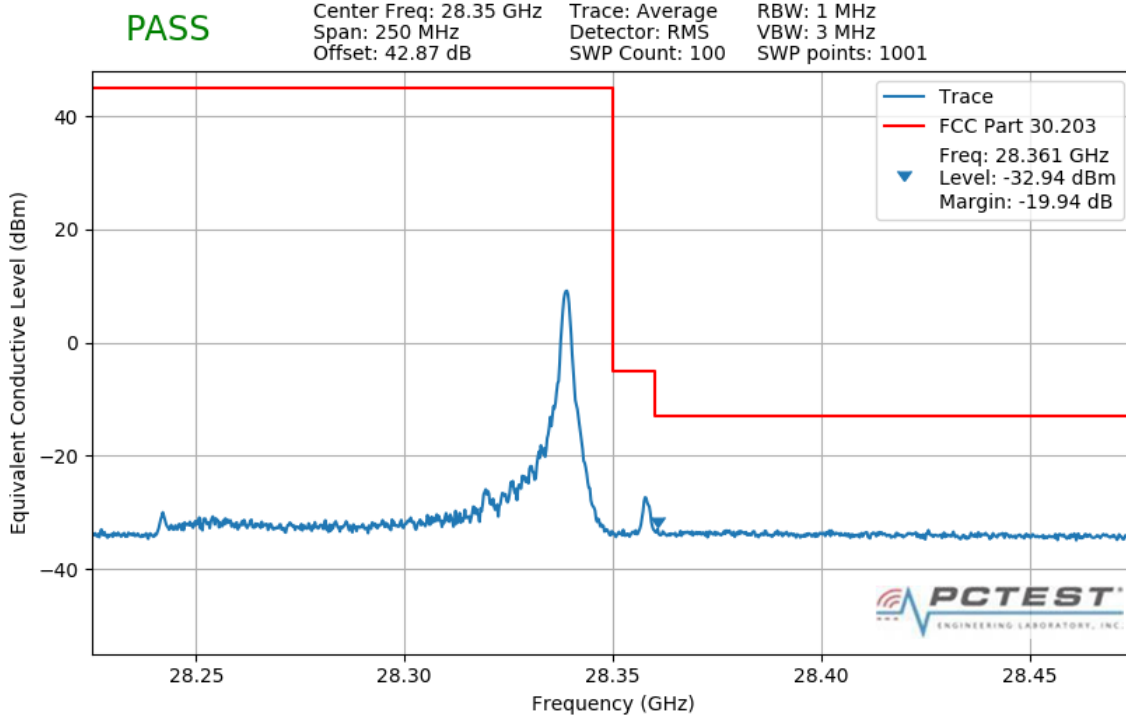


Plot 7-525. Upper Band Edge Plot (1CC 100MHz QPSK Full RB)

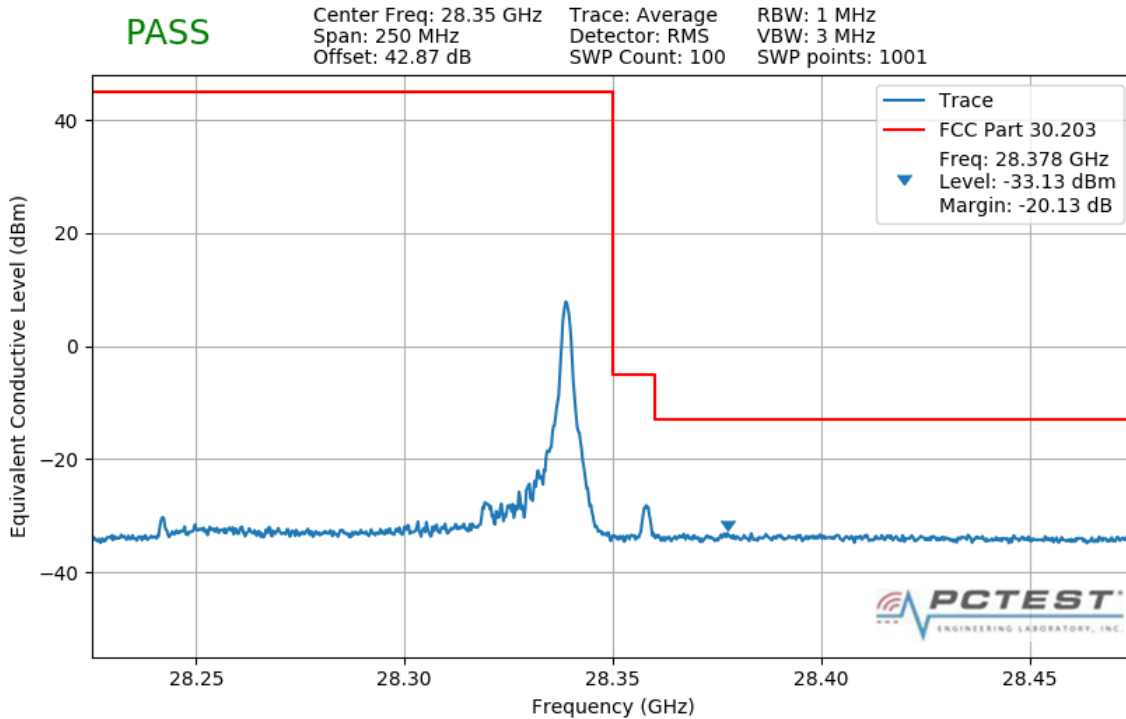


Plot 7-526. Upper Band Edge Plot (1CC 100MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 310 of 337

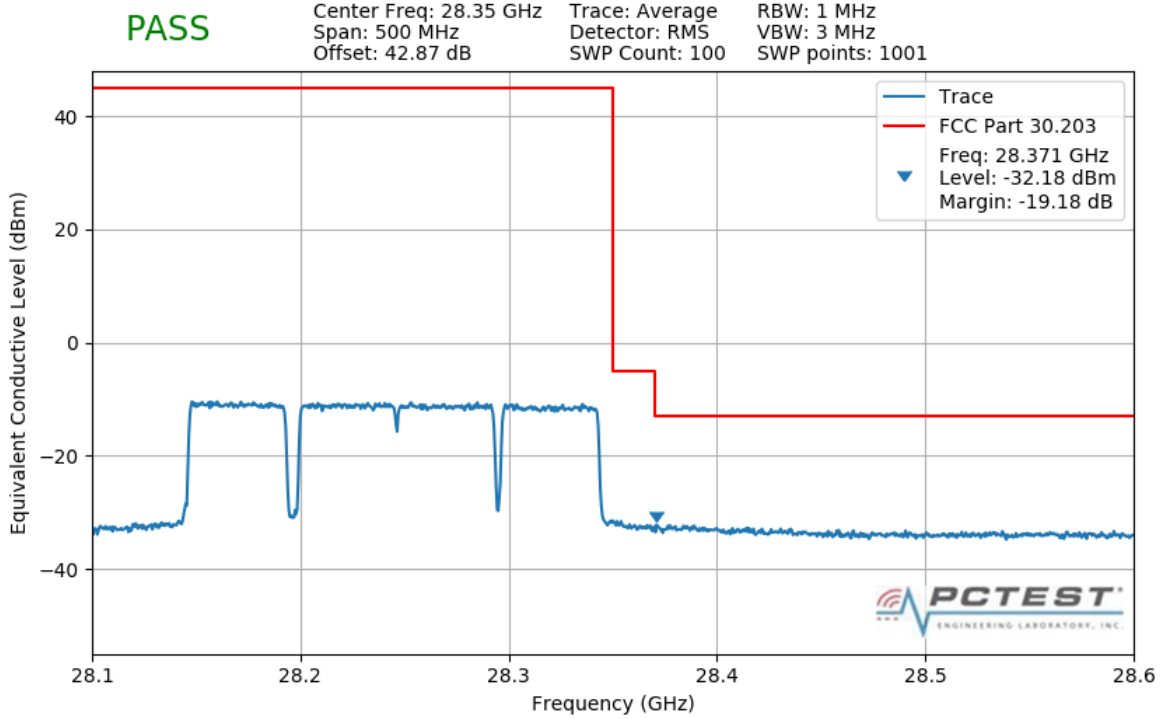


Plot 7-527. Upper Band Edge Plot (1CC 100MHz 16QAM 1 RB)

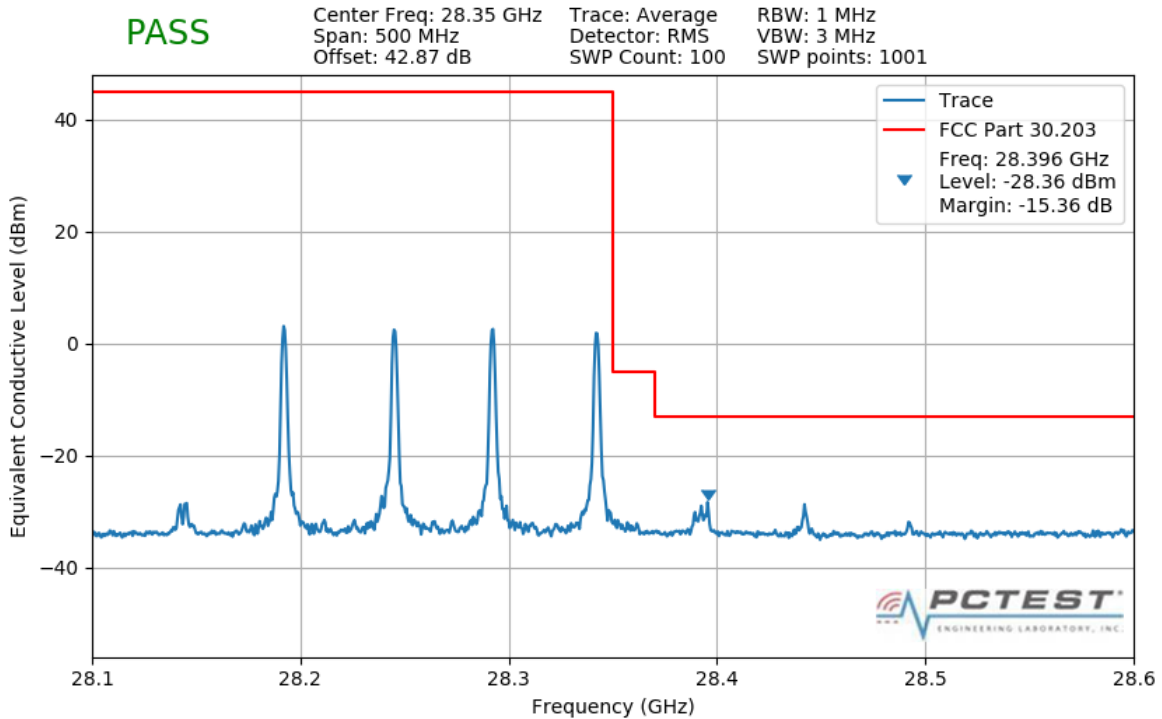


Plot 7-528. Upper Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 311 of 337

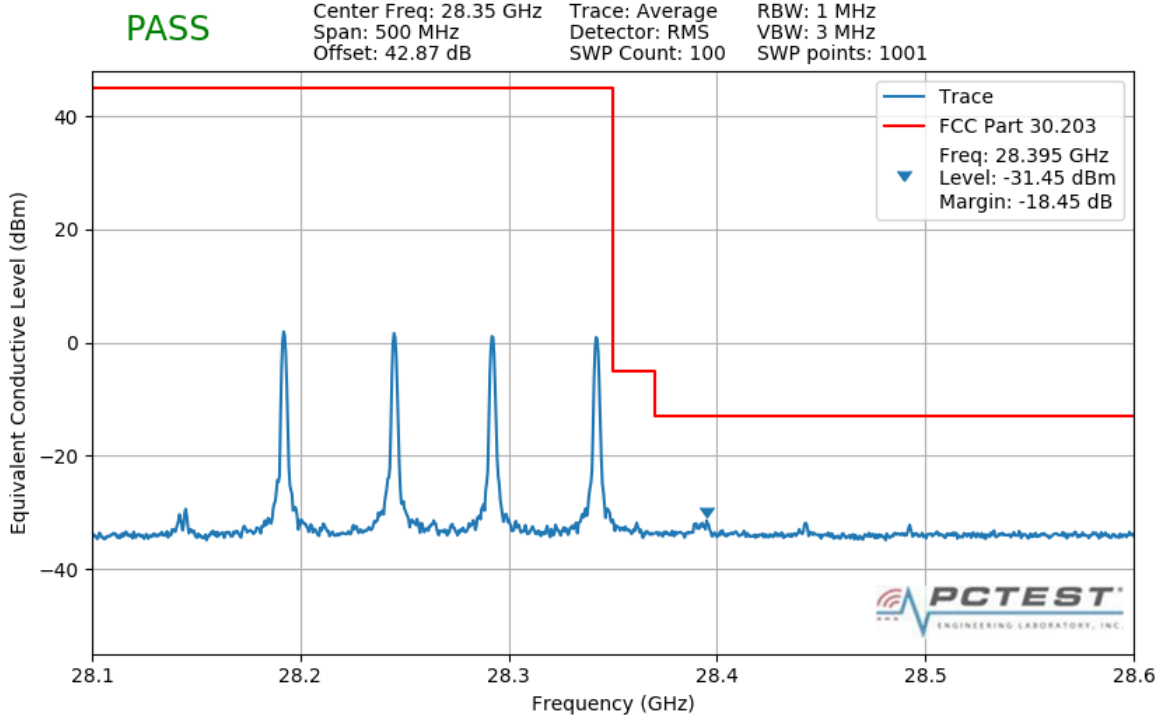


Plot 7-529. Upper Band Edge Plot (4CC 200MHz QPSK Full RB)

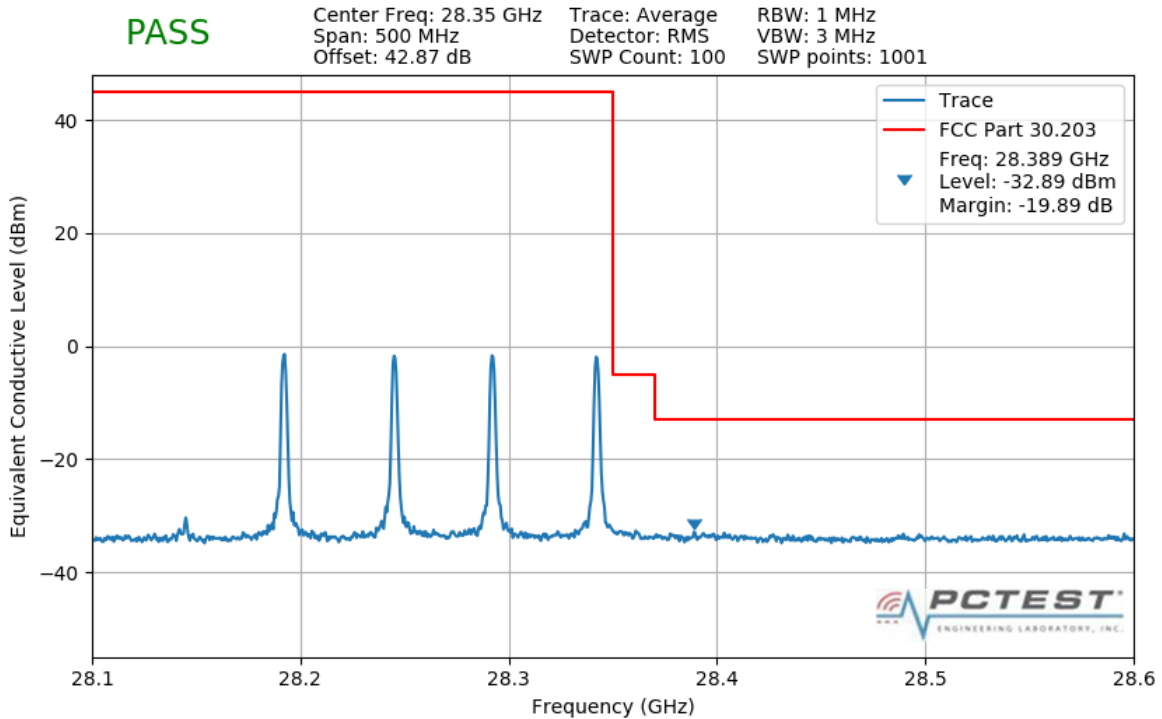


Plot 7-530. Upper Band Edge Plot (4CC 200MHz QPSK 1 RB)

FCC ID: A3LSMG977U	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 312 of 337

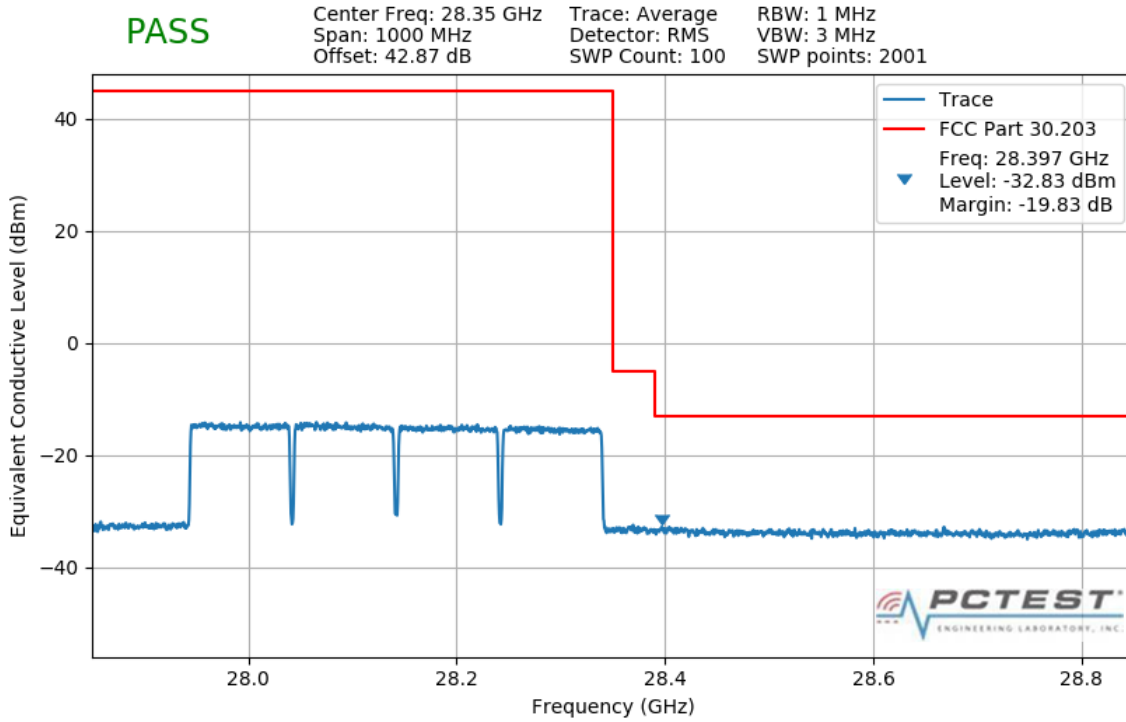


Plot 7-531. Upper Band Edge Plot (4CC 200MHz 16QAM 1 RB)

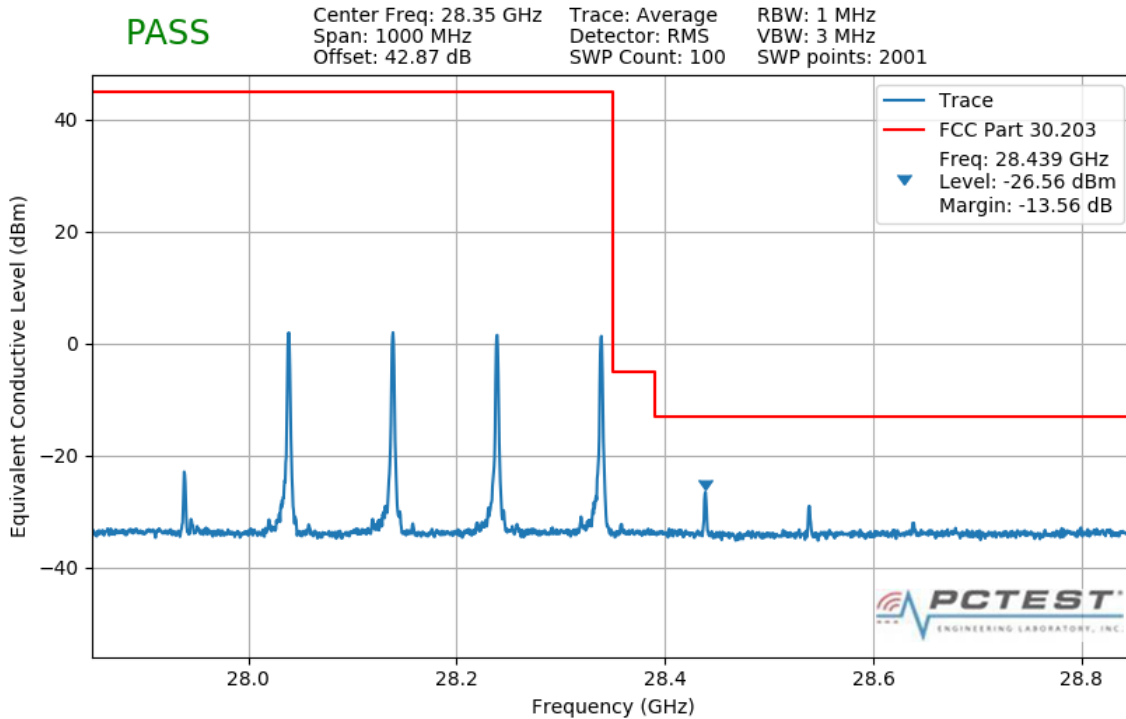


Plot 7-532. Upper Band Edge Plot (4CC 200MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 313 of 337

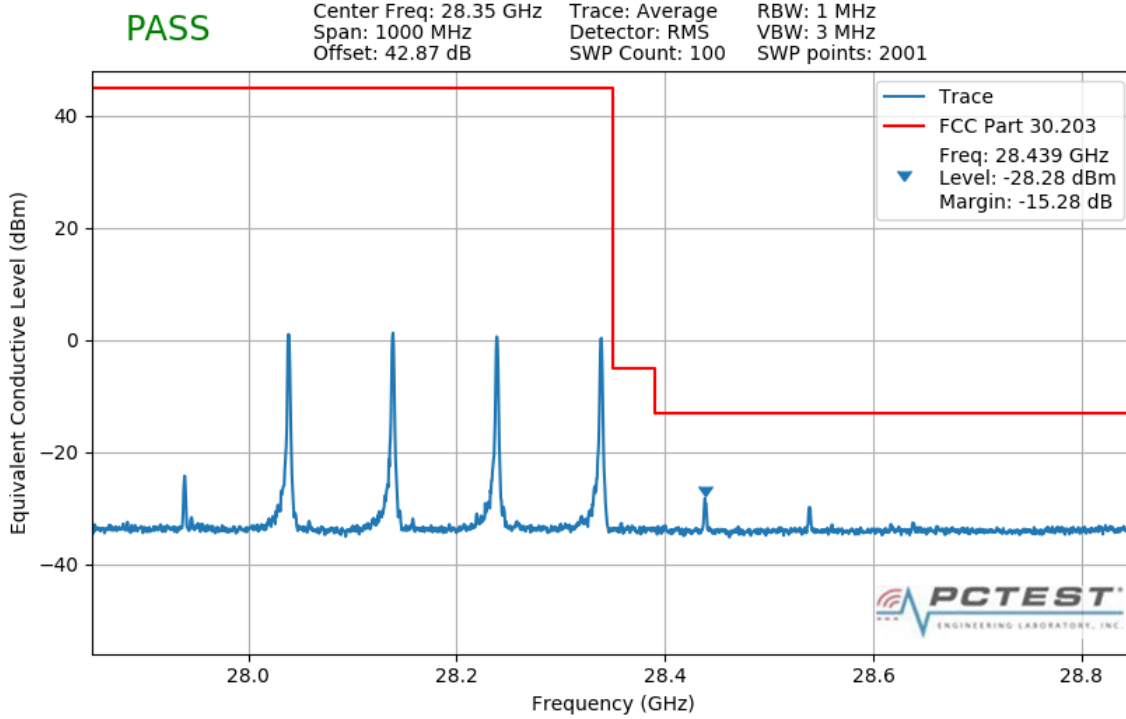


Plot 7-533. Upper Band Edge Plot (4CC 400MHz QPSK Full RB)

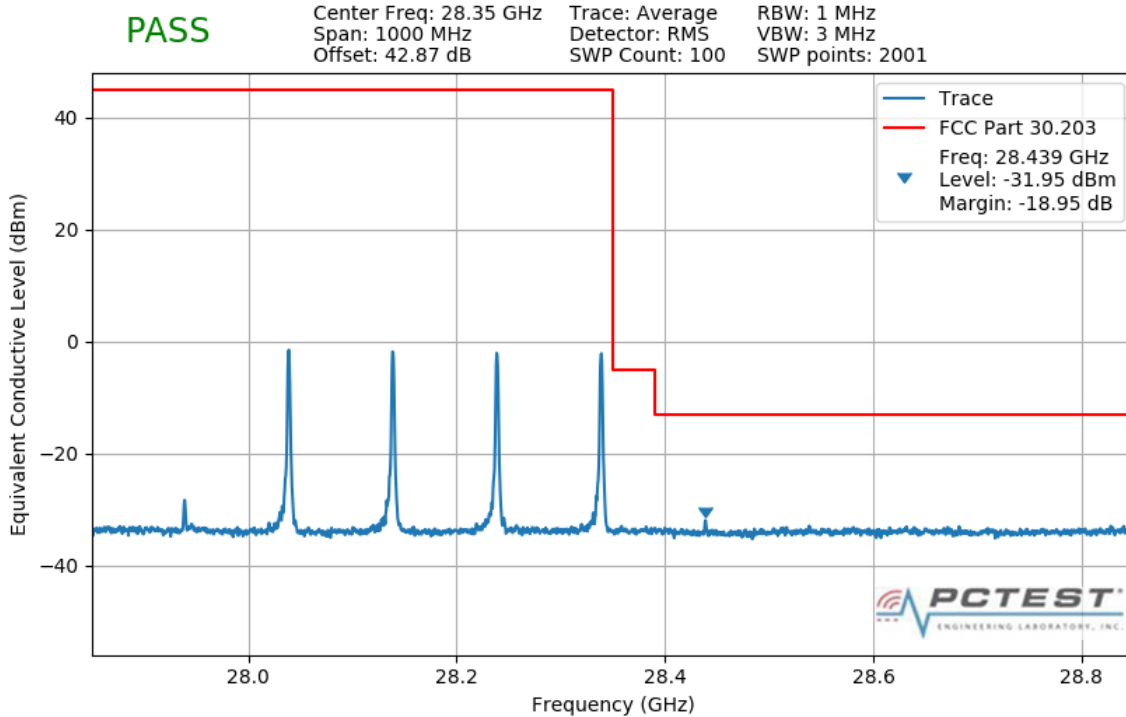


Plot 7-534. Upper Band Edge Plot (4CC 400MHz QPSK 1 RB)

FCC ID: A3LSMG977U	 MEASUREMENT REPORT (CERTIFICATION) 		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset	Page 314 of 337



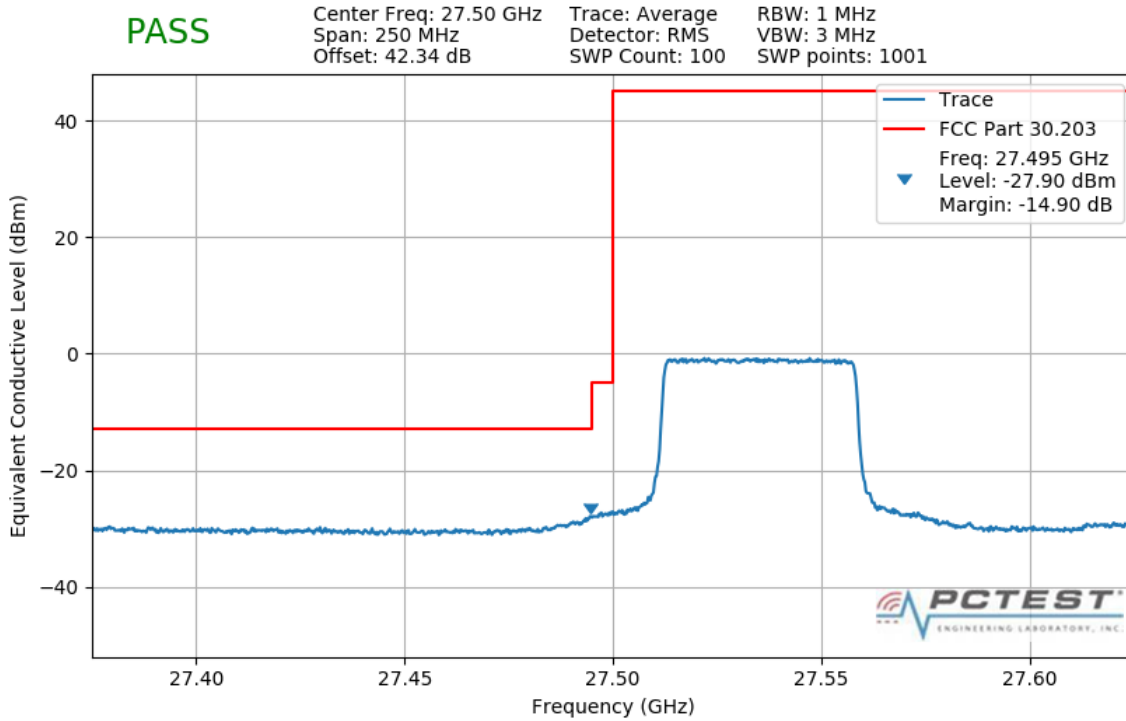
Plot 7-535. Upper Band Edge Plot (4CC 400MHz 16QAM 1 RB)



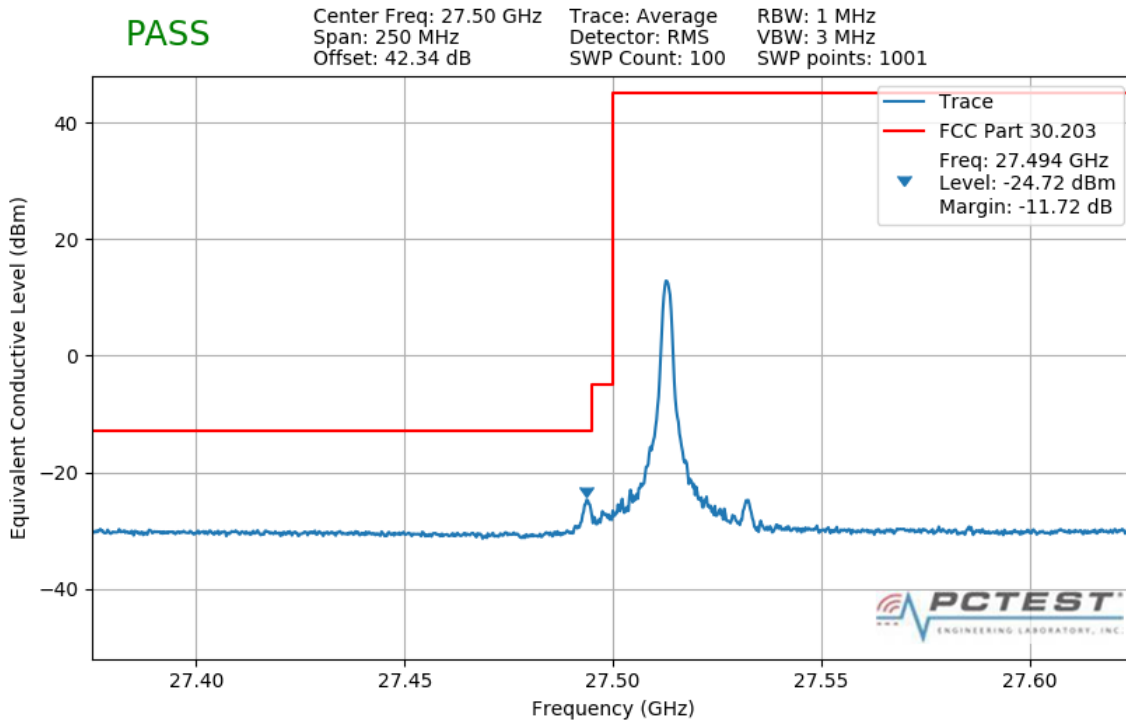
Plot 7-536. Upper Band Edge Plot (4CC 400MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 315 of 337

MIMO



Plot 7-537. Lower Band Edge Plot (1CC 50MHz QPSK Full RB)



Plot 7-538. Lower Band Edge Plot (1CC 50MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1901100003-06-R1.A3L	Test Dates: 01/22/2019 - 03/25/2019	EUT Type: Portable Handset		Page 316 of 337	