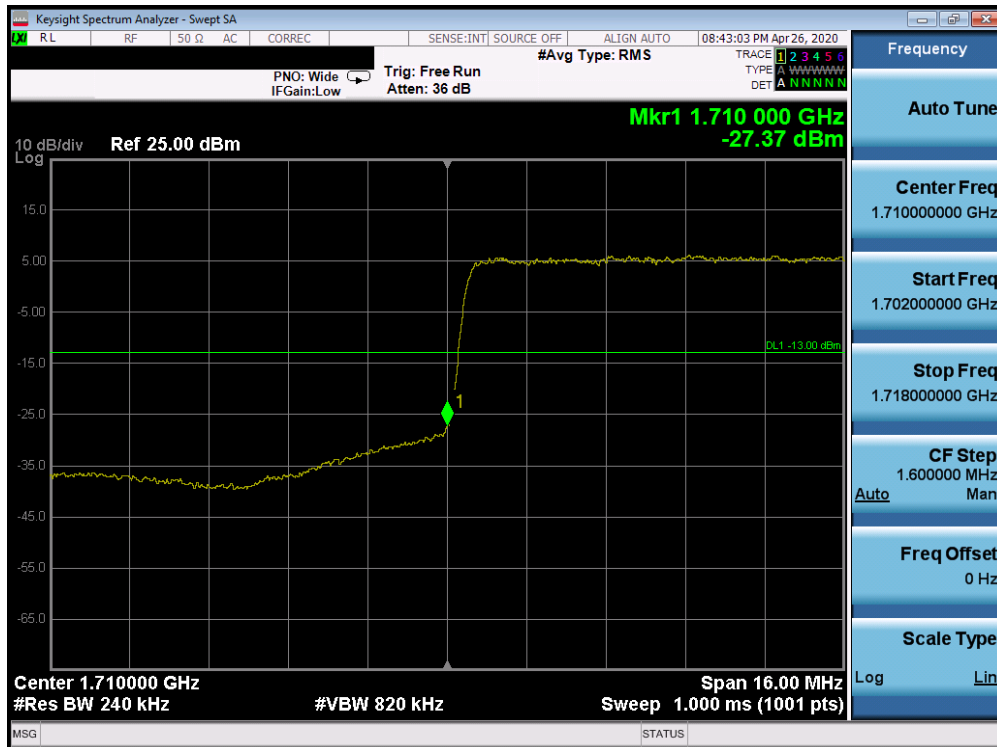


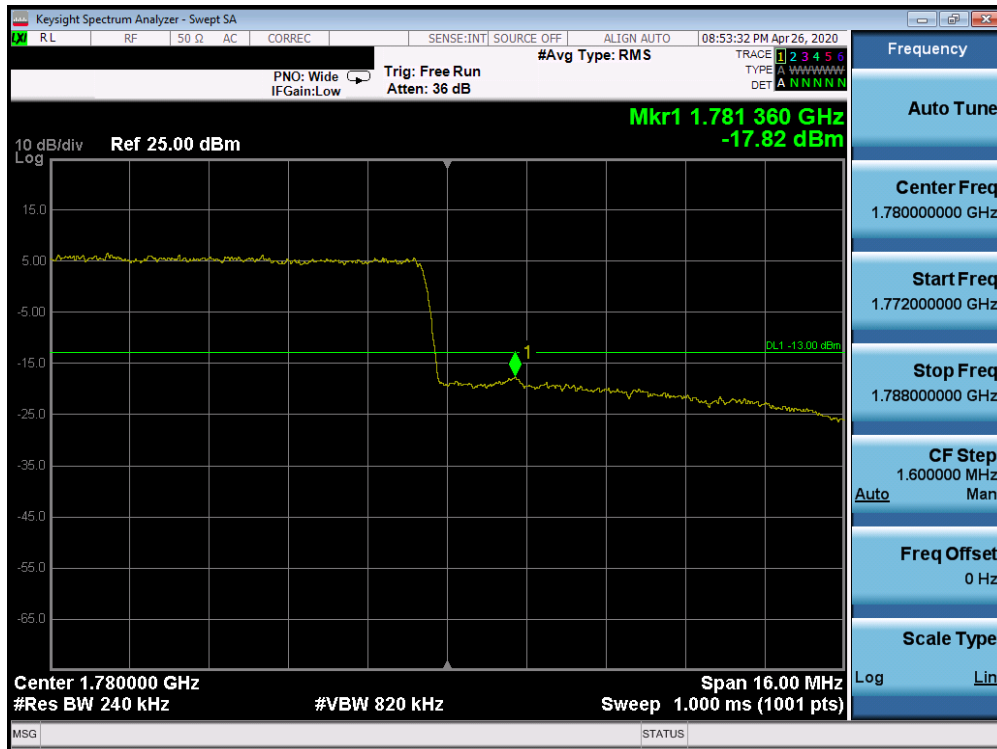


Plot 7-504. Lower 5G sub6 Band Edge Plot (5G sub6 n66 - 20.0MHz QPSK - Full RB Configuration)

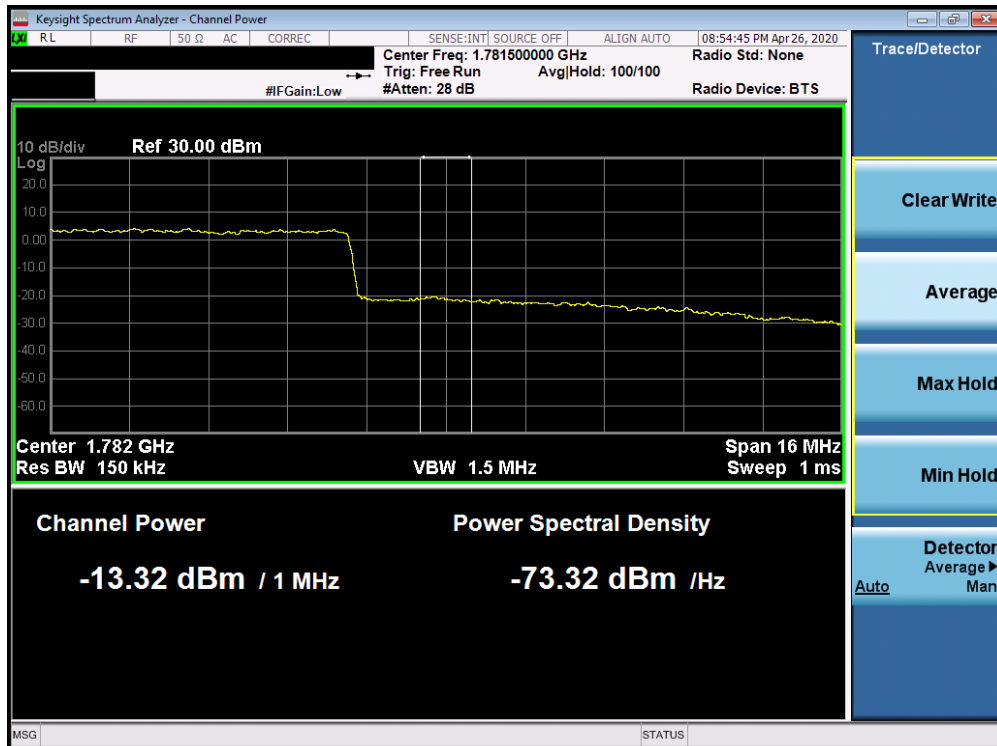


Plot 7-505. Lower Extended 5G sub6 Band Edge Plot (5G sub6 n66 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 280 of 438



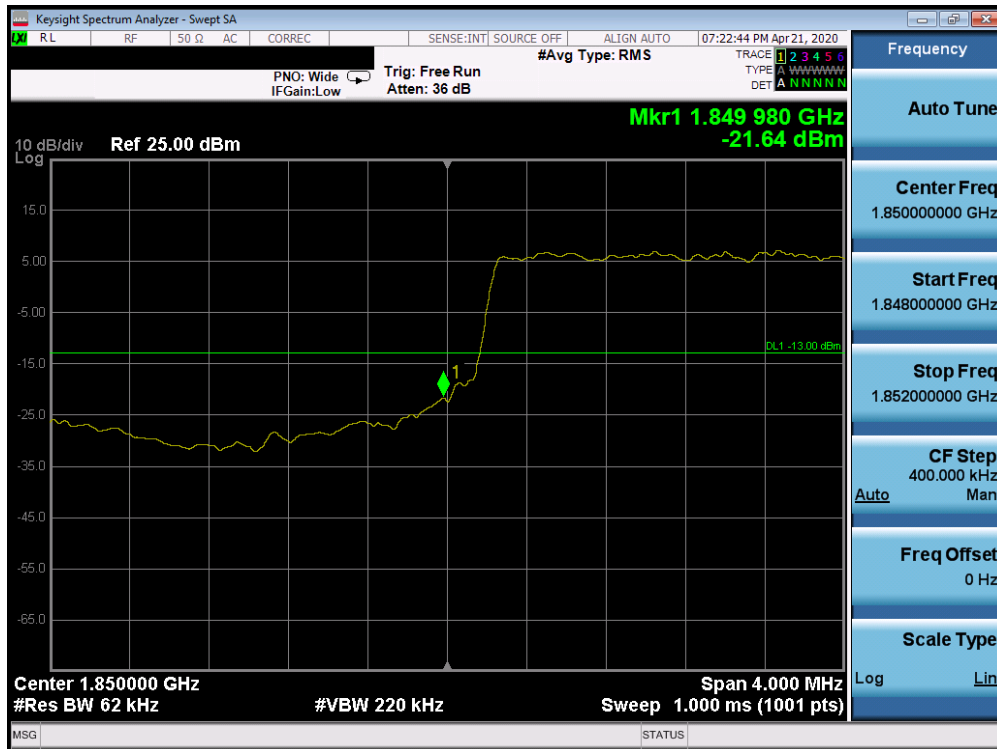
Plot 7-506. Upper 5G sub6 Band Edge Plot (5G sub6 n66 - 20.0MHz QPSK - Full RB Configuration)



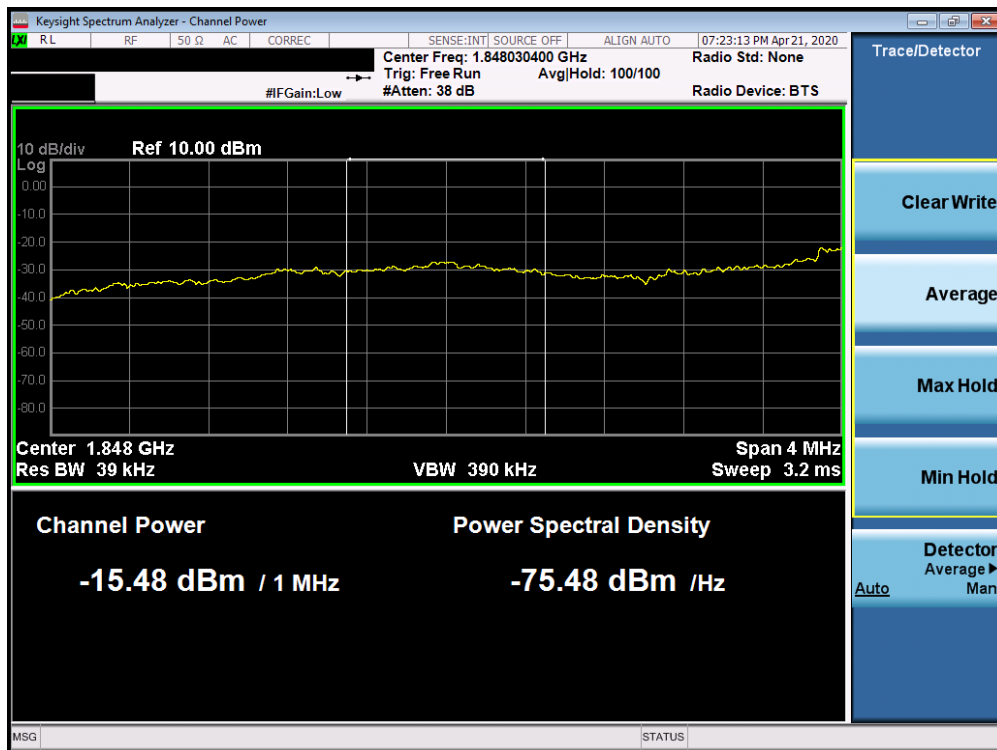
Plot 7-507. Upper Extended 5G sub6 Band Edge Plot (5G sub6 n66 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 281 of 438

5G sub6 n25/2

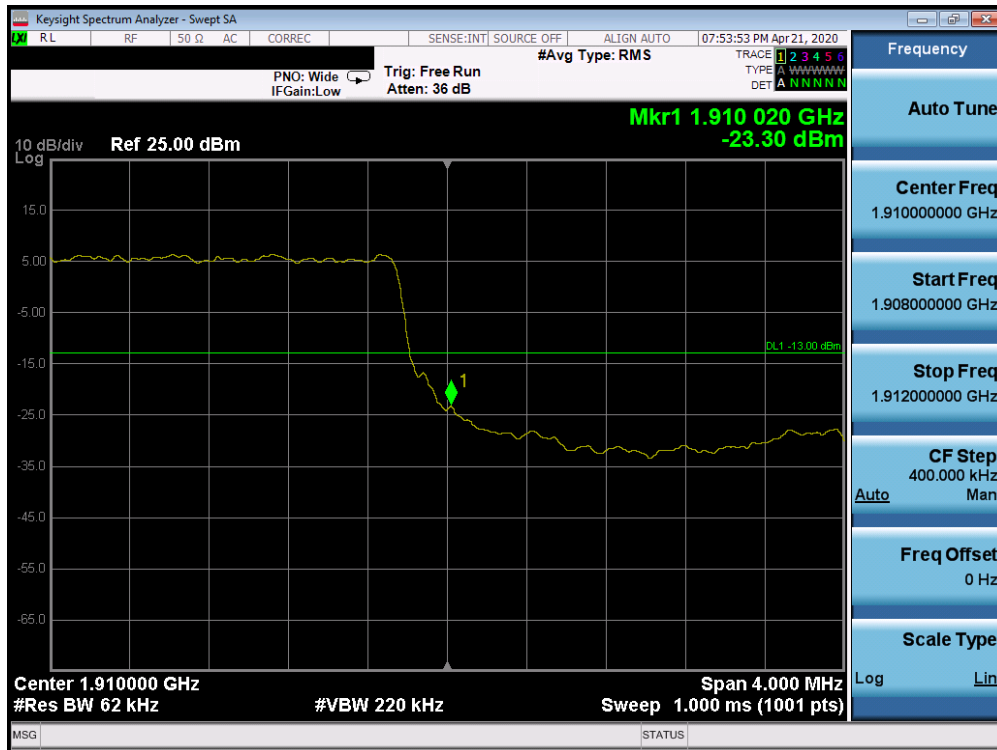


Plot 7-508. Lower 5G sub6 Band Edge Plot (5G sub6 n25/2 - 5.0MHz QPSK - Full RB Configuration)

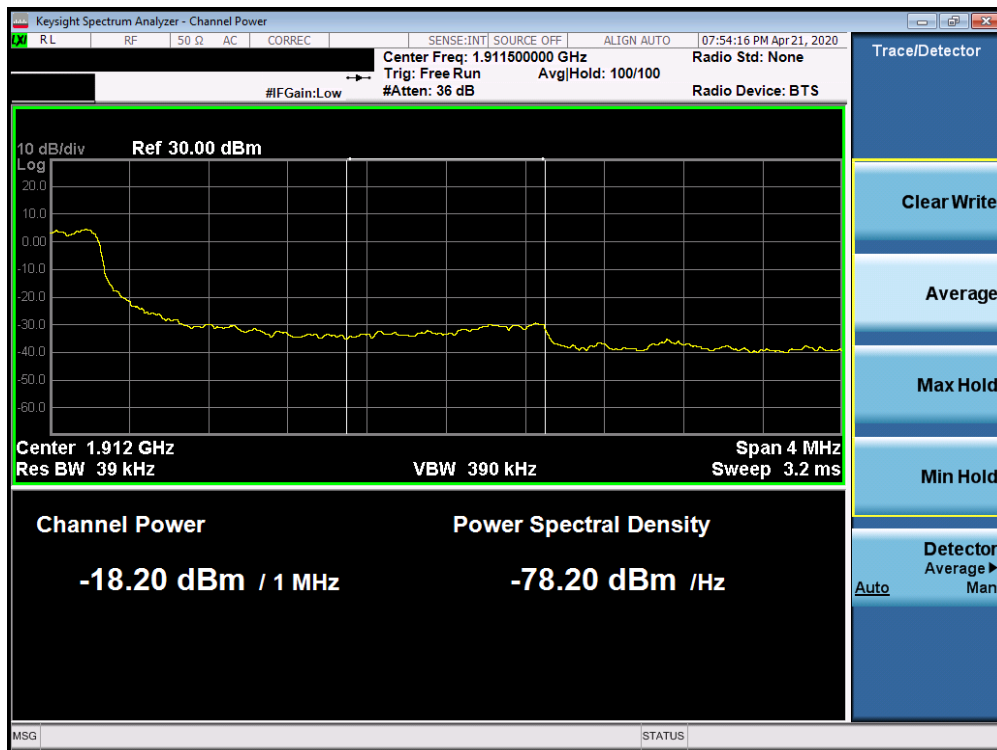


Plot 7-509. Lower Extended 5G sub6 Band Edge Plot (5G sub6 n25/2 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 282 of 438

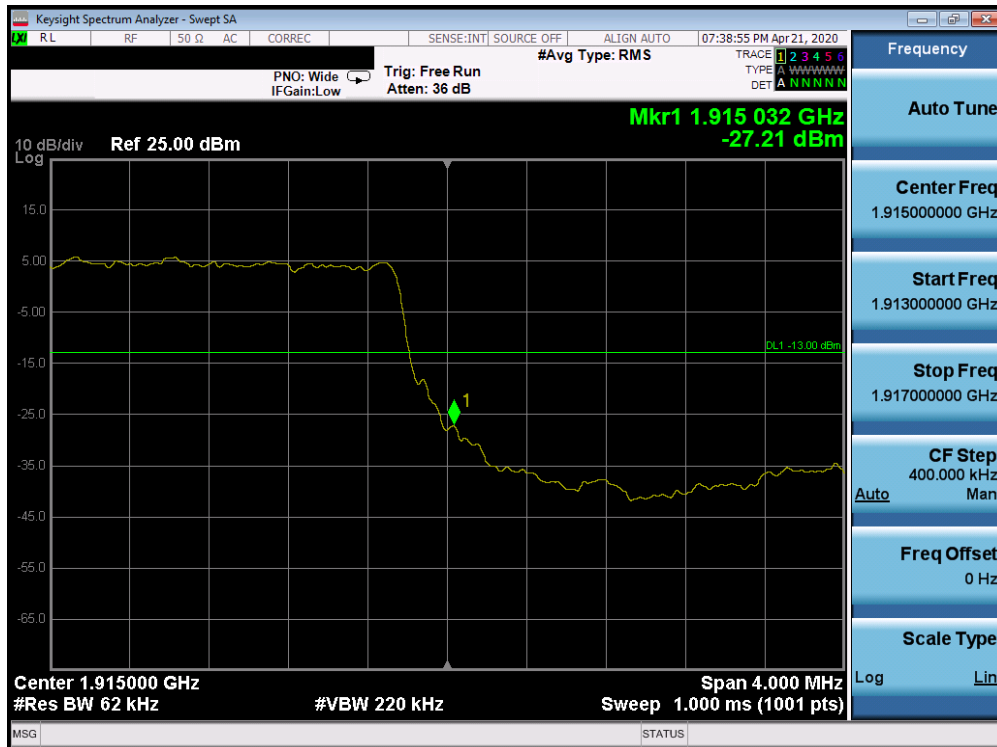


Plot 7-510. Upper 5G sub6 Band Edge Plot (5G sub6 n2 - 5.0MHz QPSK - Full RB Configuration)

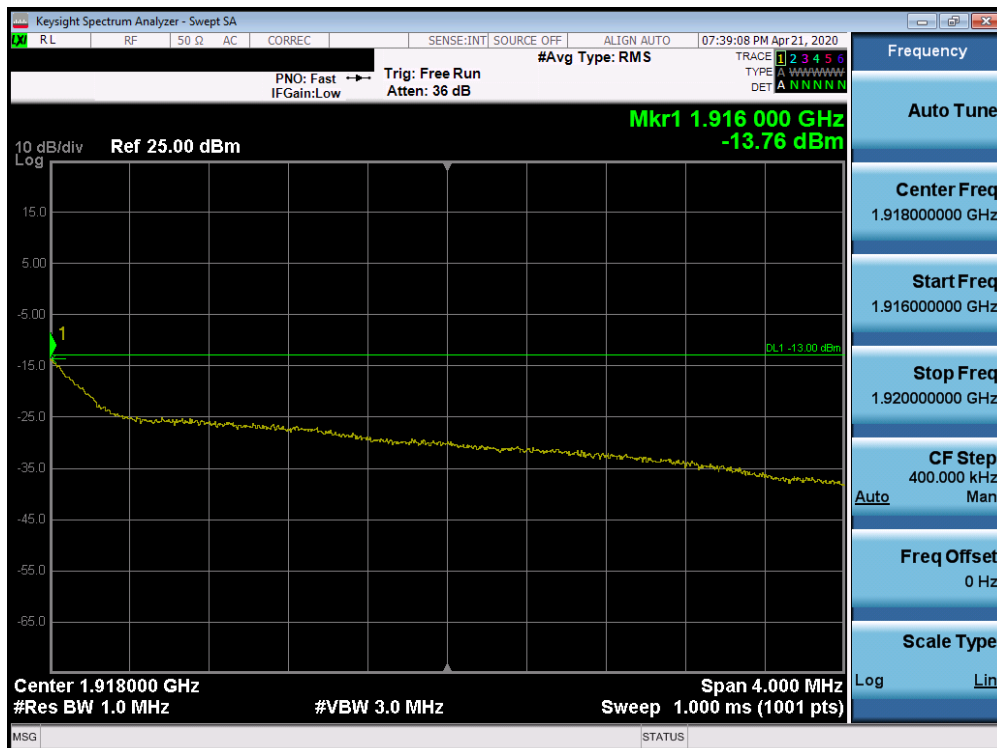


Plot 7-511. Upper Extended 5G sub6 Band Edge Plot (5G sub6 n2 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 283 of 438

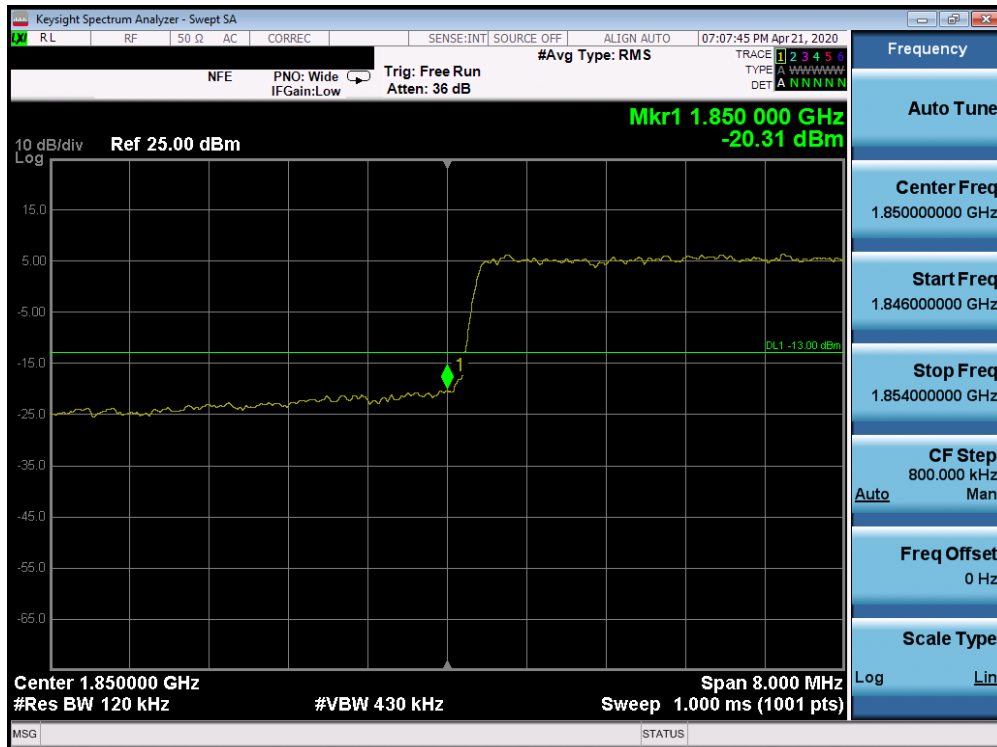


Plot 7-512. Upper 5G sub6 Band Edge Plot (5G sub6 n25 - 5.0MHz QPSK - Full RB Configuration)

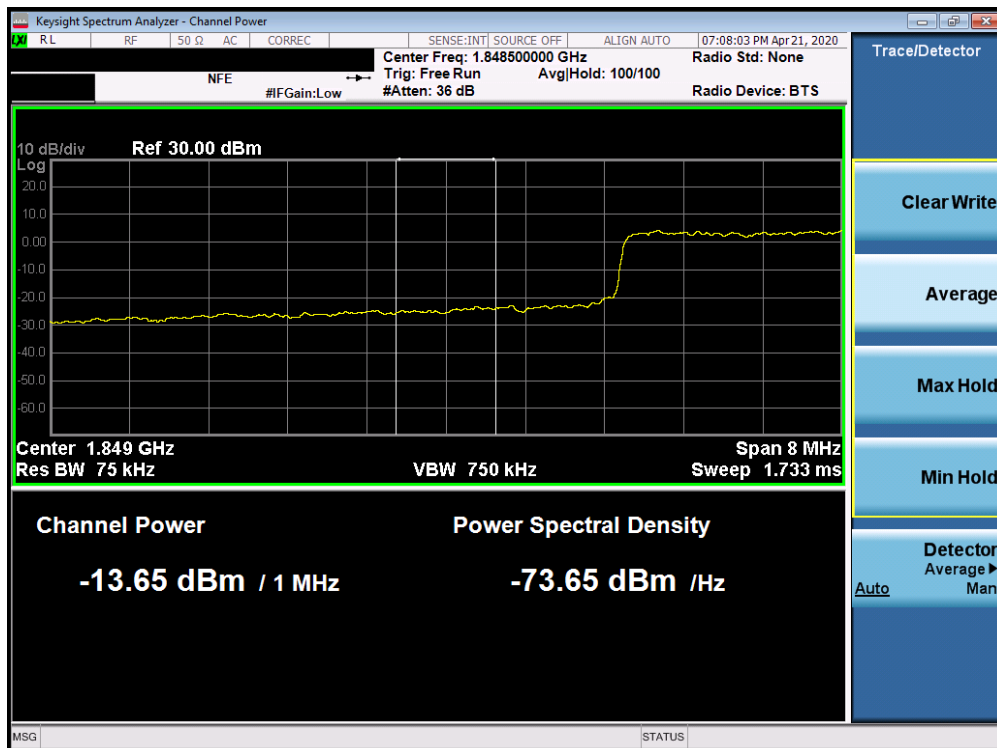


Plot 7-513. Upper Extended 5G sub6 Band Edge Plot (5G sub6 n25 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 284 of 438

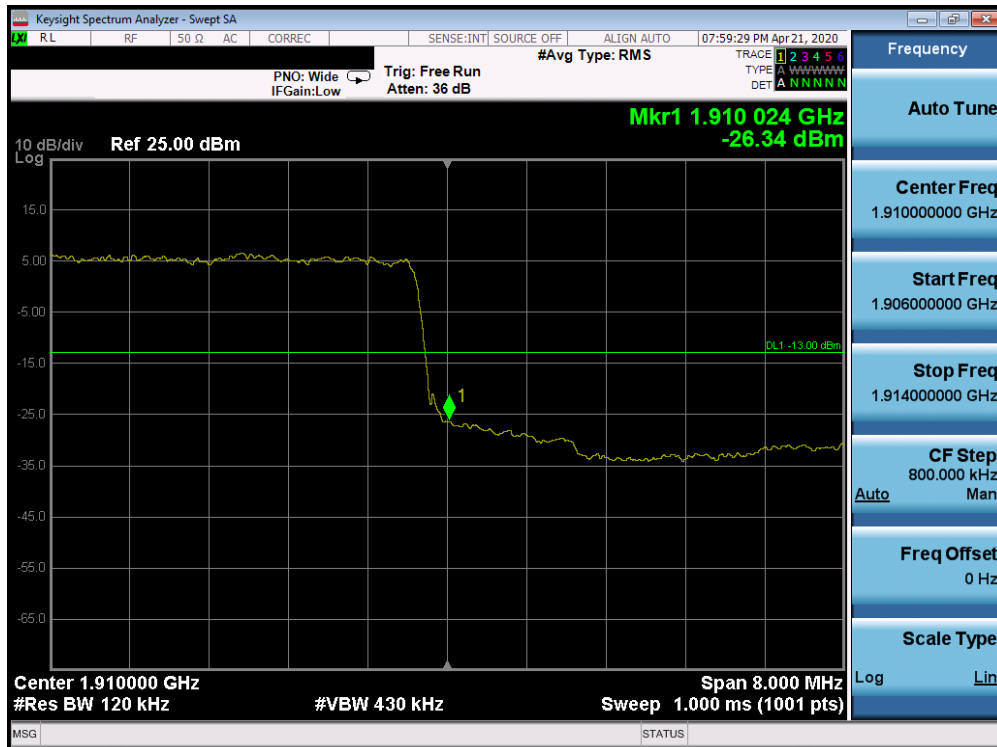


Plot 7-514. Lower 5G sub6 Band Edge Plot (5G sub6 n25/2 - 10.0MHz QPSK - Full RB Configuration)

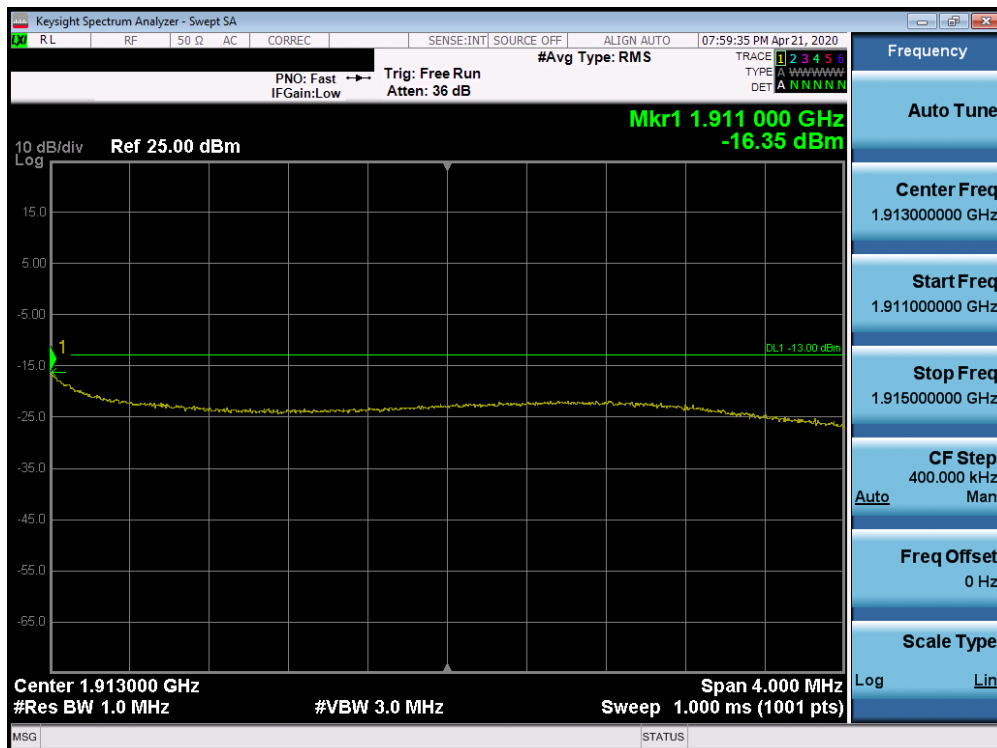


Plot 7-515. Lower Extended 5G sub6 Band Edge Plot (5G sub6 n25/2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 285 of 438

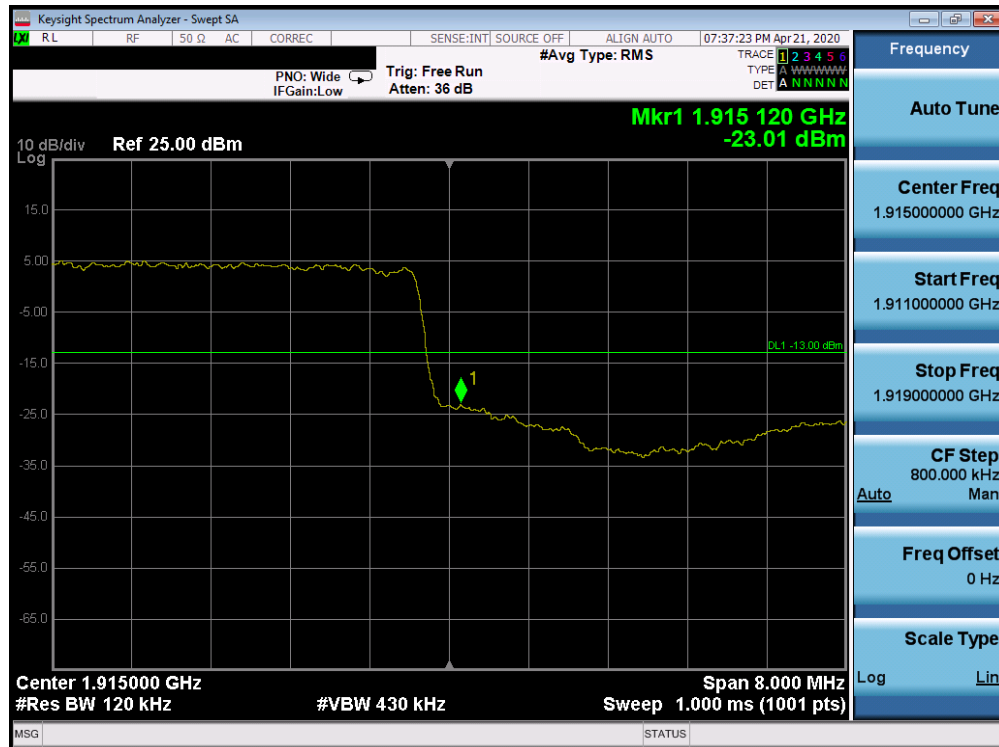


Plot 7-516. Upper 5G sub6 Band Edge Plot (5G sub6 n2 - 10.0MHz QPSK - Full RB Configuration)

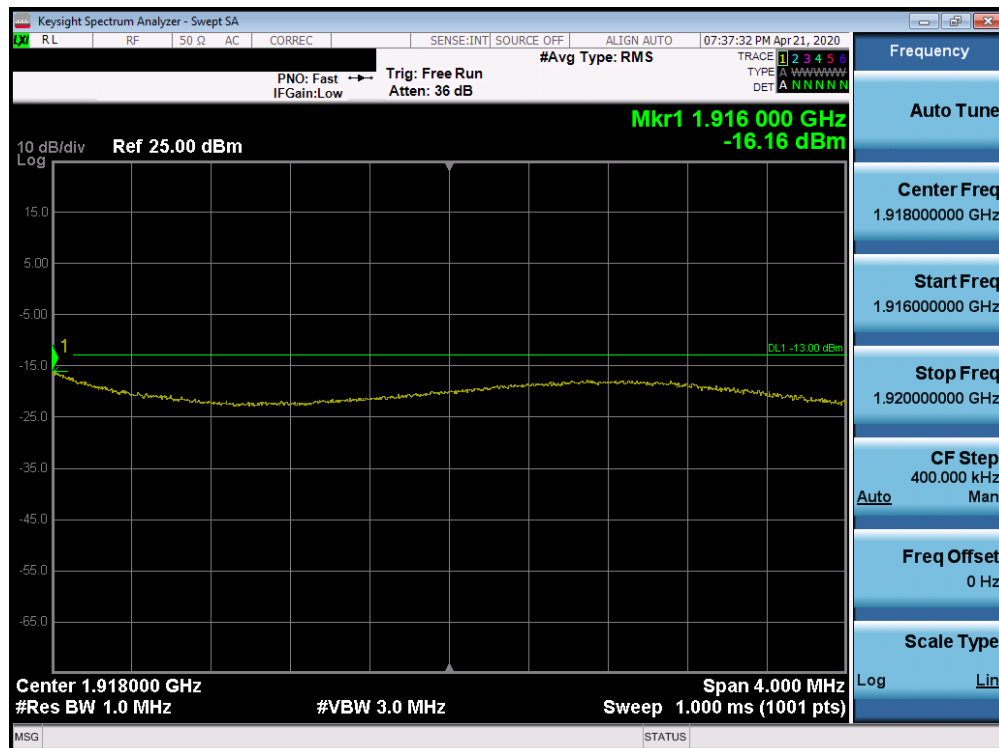


Plot 7-517. Upper Extended 5G sub6 Band Edge Plot (5G sub6 n2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 286 of 438

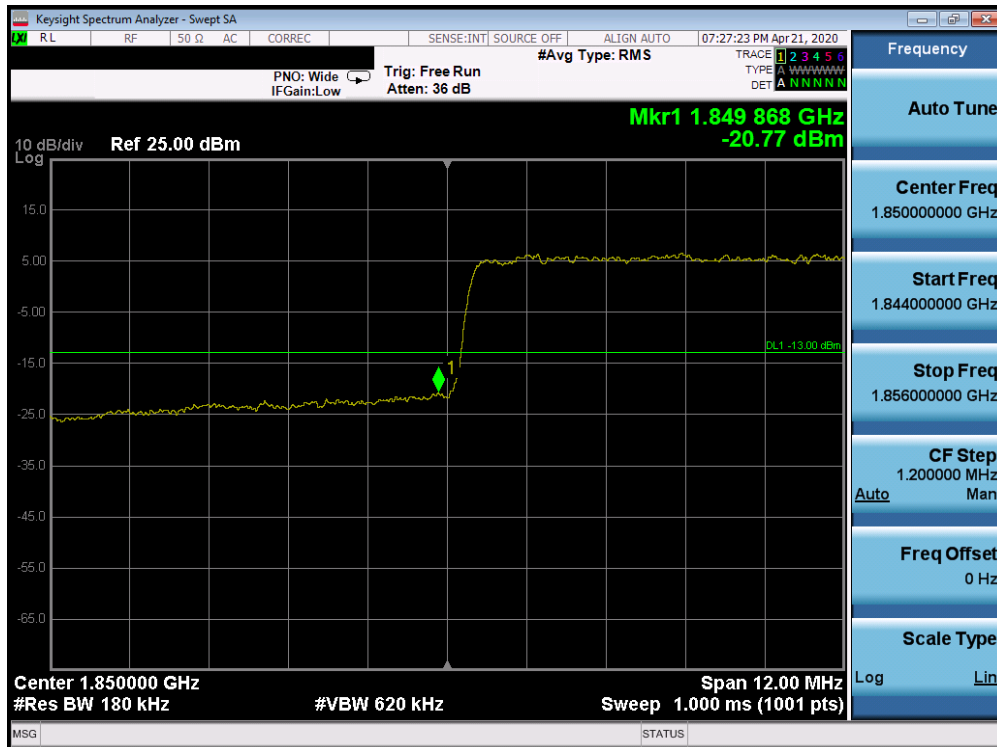


Plot 7-518. Upper 5G sub6 Band Edge Plot (5G sub6 n25 - 10.0MHz QPSK - Full RB Configuration)

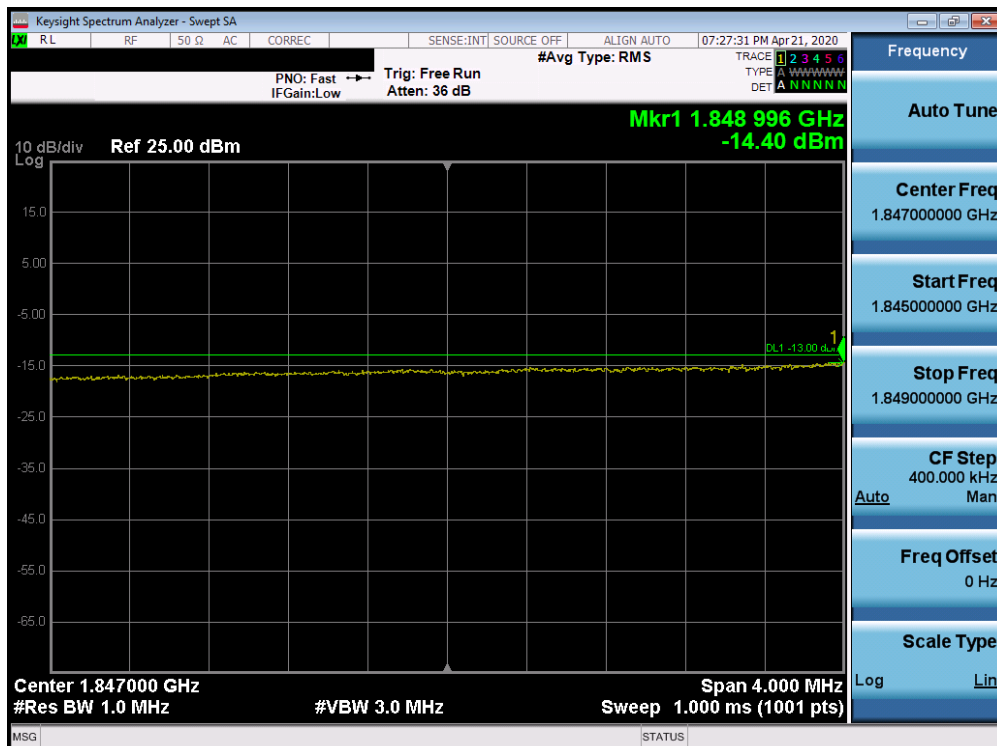


Plot 7-519. Upper Extended 5G sub6 Band Edge Plot (5G sub6 n25 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 287 of 438

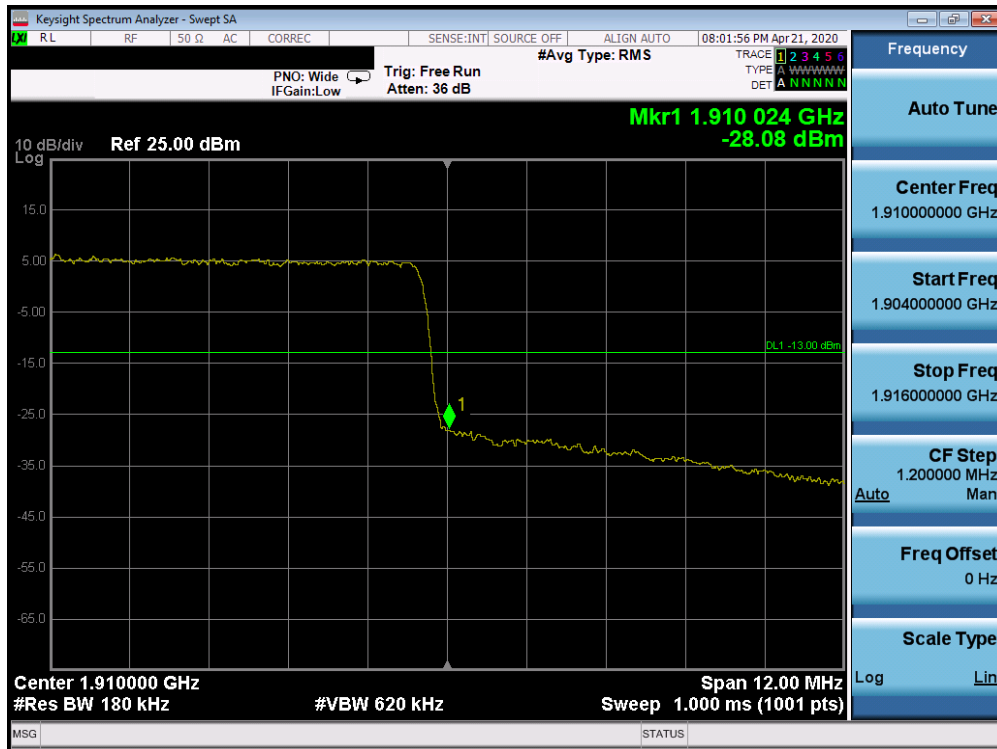


Plot 7-520. Lower 5G sub6 Band Edge Plot (5G sub6 n25/2 - 15.0MHz QPSK - Full RB Configuration)

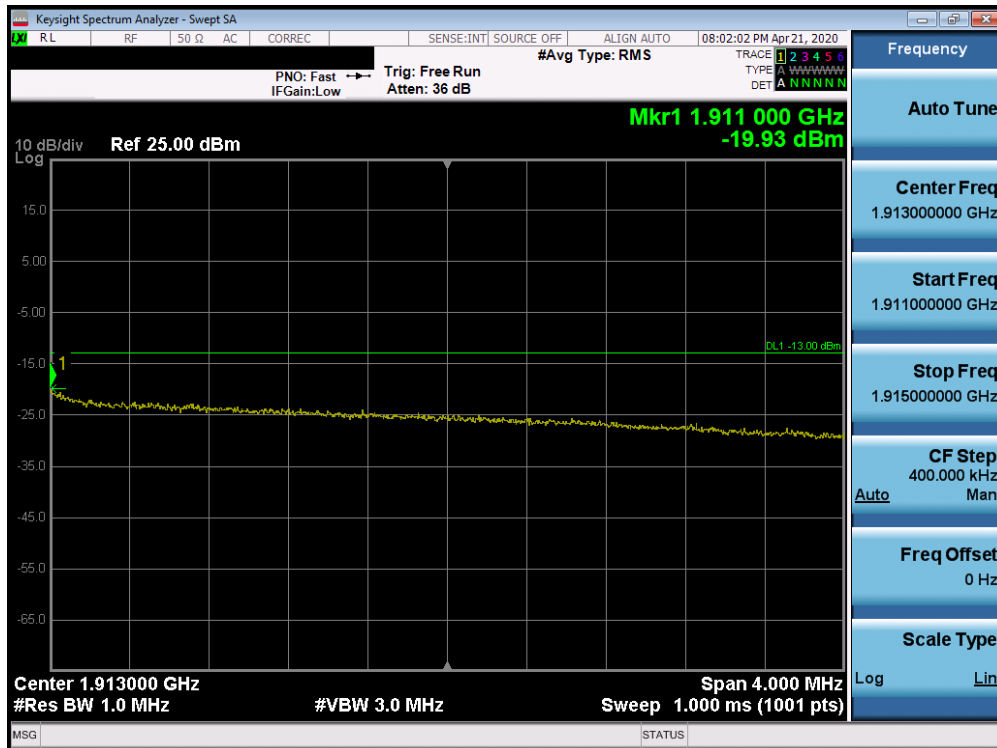


Plot 7-521. Lower Extended 5G sub6 Band Edge Plot (5G sub6 n25/2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 288 of 438

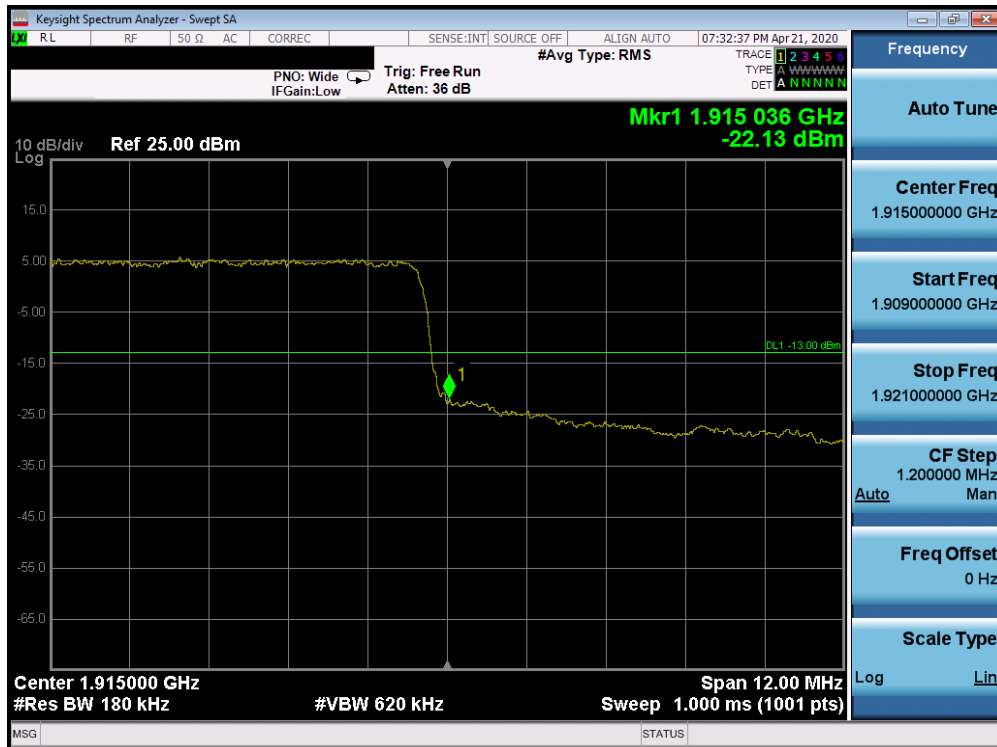


Plot 7-522. Upper 5G sub6 Band Edge Plot (5G sub6 n2 - 15.0MHz QPSK - Full RB Configuration)

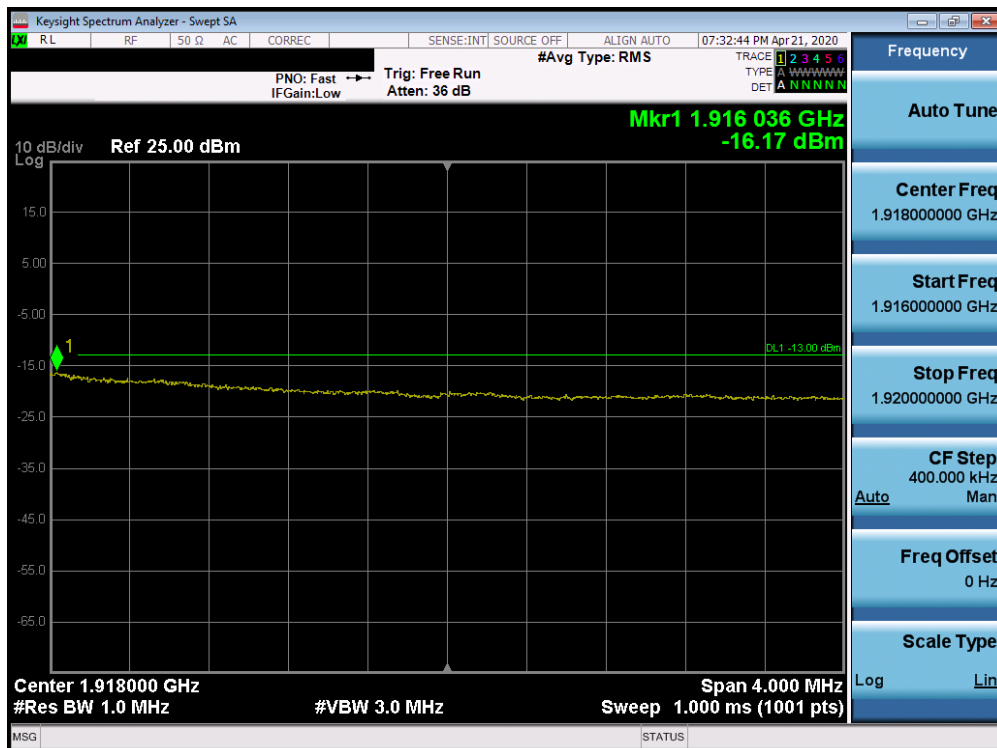


Plot 7-523. Upper Extended 5G sub6 Band Edge Plot (5G sub6 n2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 289 of 438

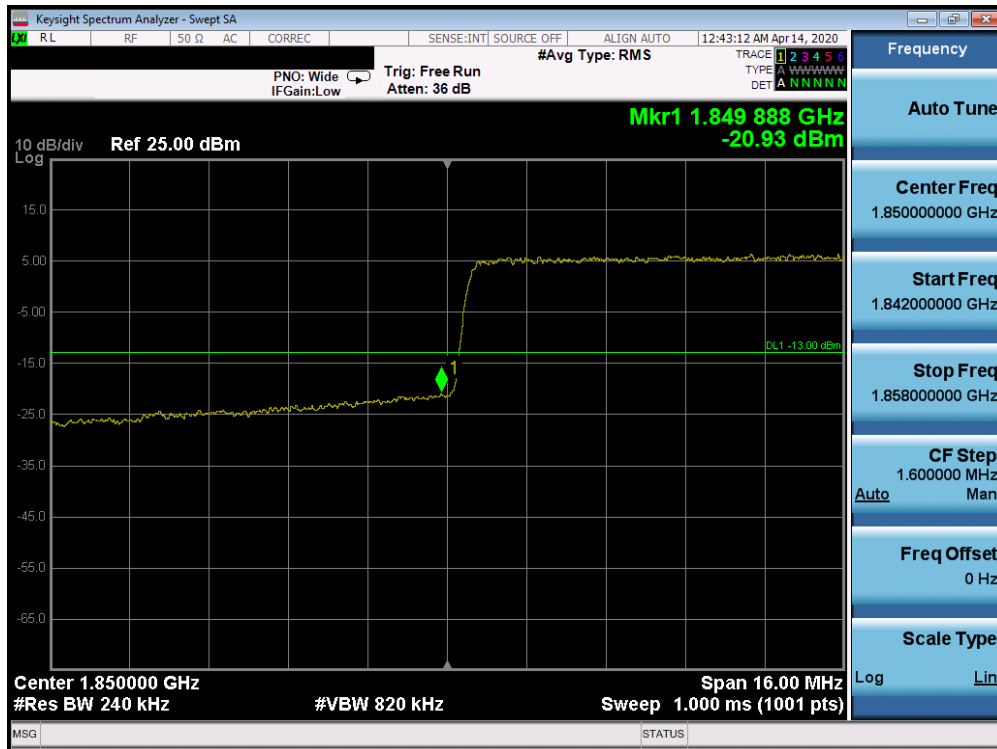


Plot 7-524. Upper 5G sub6 Band Edge Plot (5G sub6 n25 - 15.0MHz QPSK - Full RB Configuration)

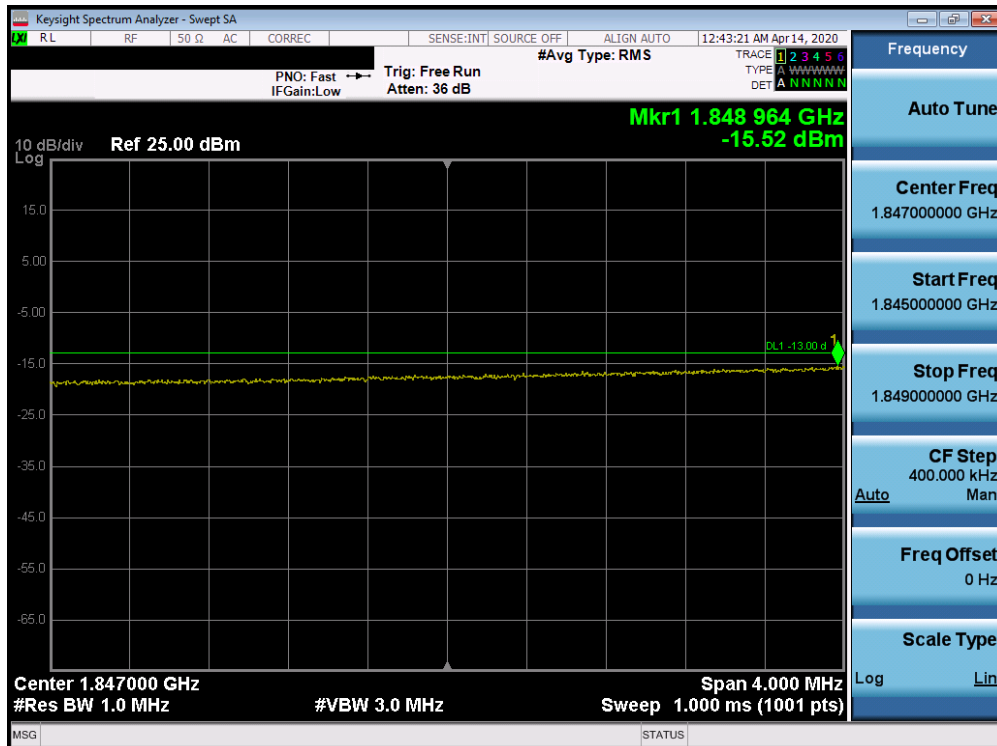


Plot 7-525. Upper Extended 5G sub6 Band Edge Plot (5G sub6 n25 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 290 of 438

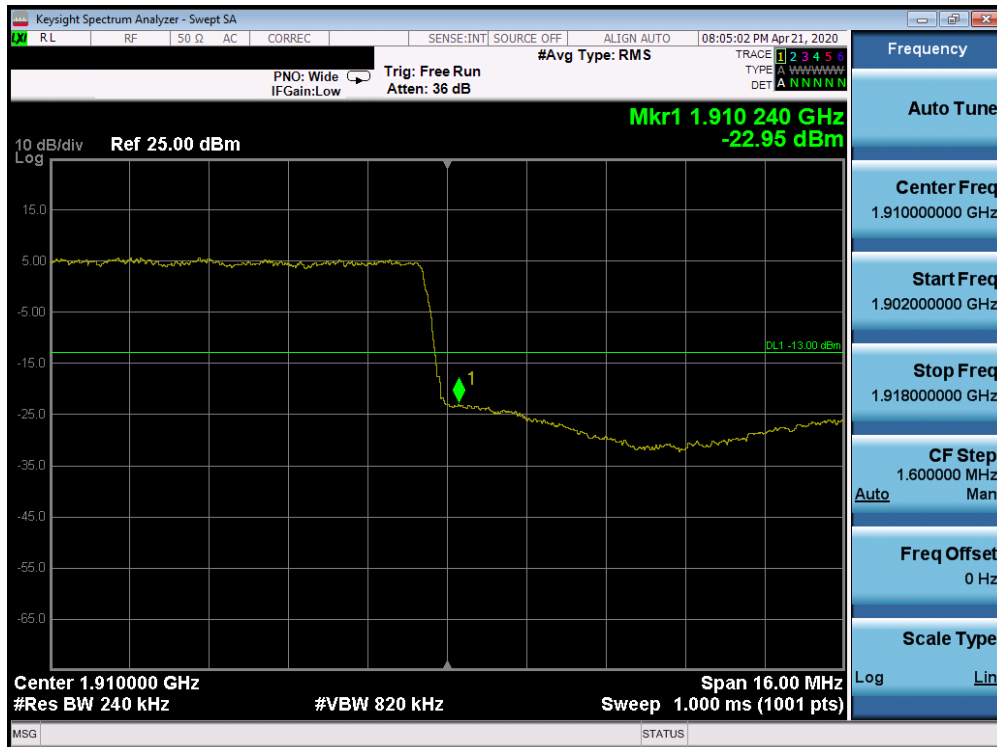


Plot 7-526. Lower 5G sub6 Band Edge Plot (5G sub6 n25/2 - 20.0MHz QPSK - Full RB Configuration)

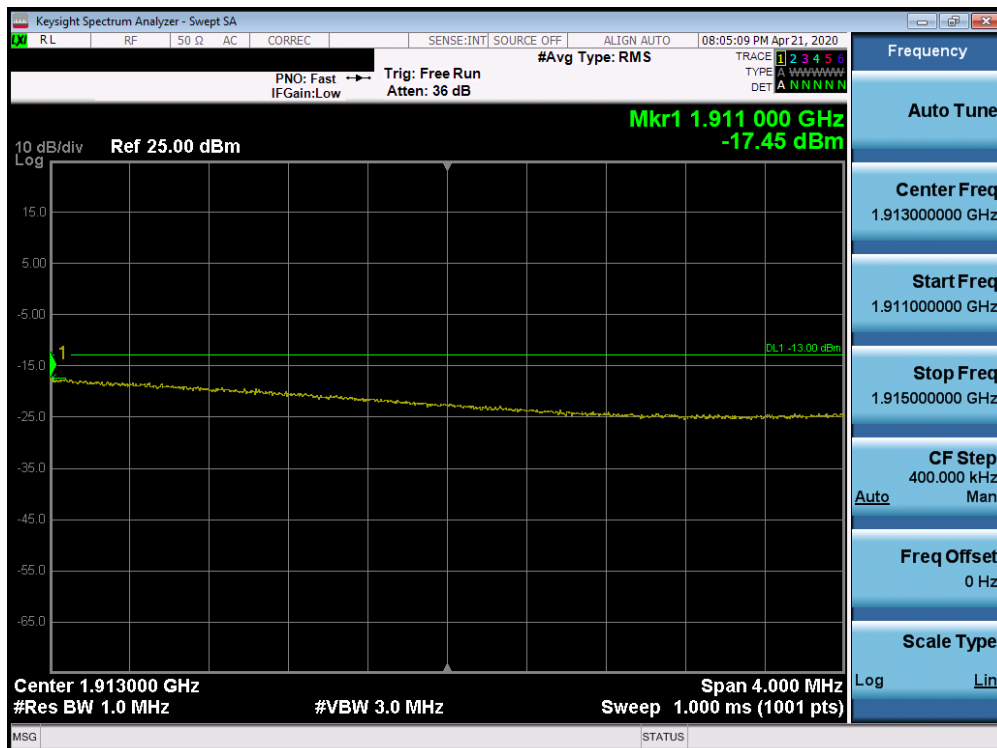


Plot 7-527. Lower Extended 5G sub6 Band Edge Plot (5G sub6 n25/2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 291 of 438



Plot 7-528. Upper 5G sub6 Band Edge Plot (5G sub6 n2 - 20.0MHz QPSK - Full RB Configuration)

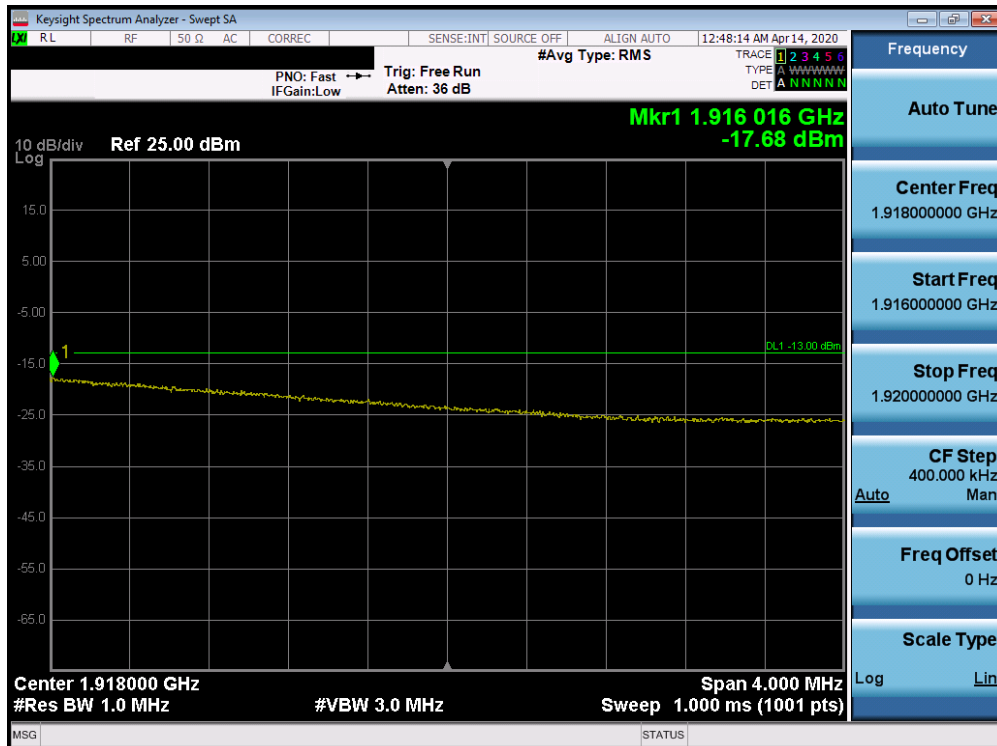


Plot 7-529. Upper Extended 5G sub6 Band Edge Plot (5G sub6 n2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 292 of 438



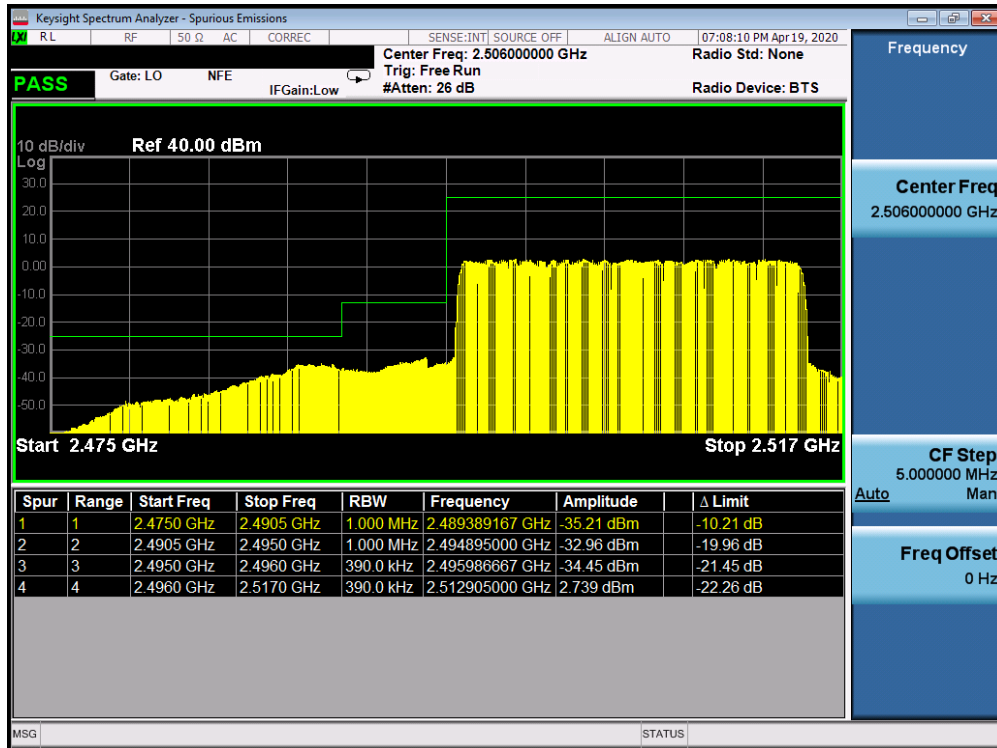
Plot 7-530. Upper 5G sub6 Band Edge Plot (5G sub6 n25 - 20.0MHz QPSK - Full RB Configuration)



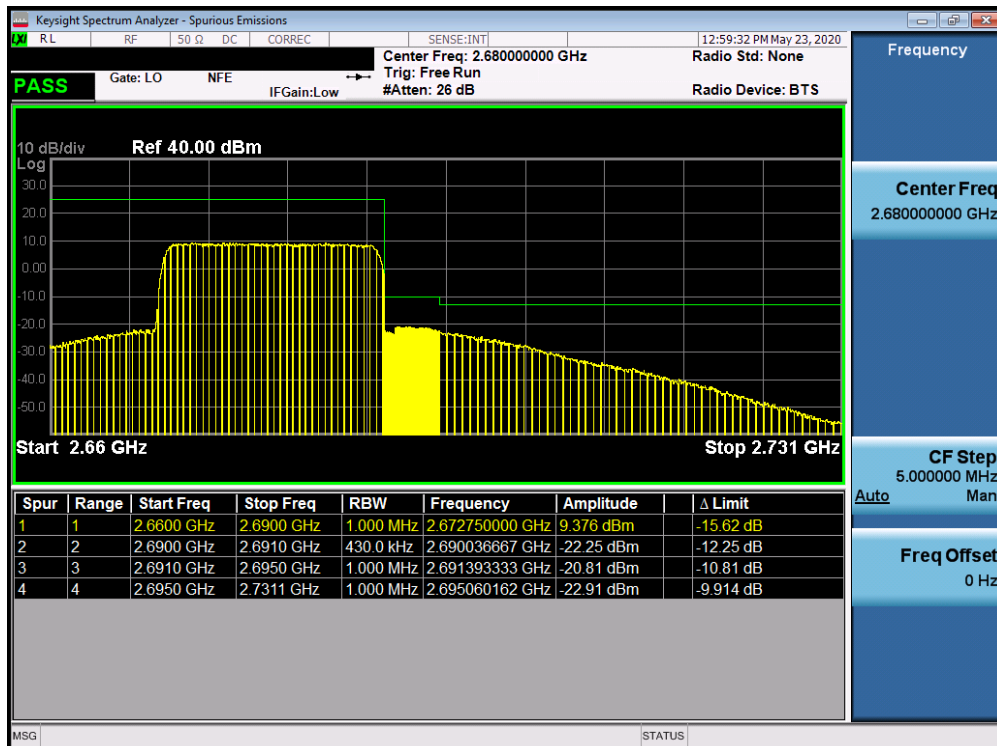
Plot 7-531. Upper Extended 5G sub6 Band Edge Plot (5G sub6 n25 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 293 of 438

5G sub6 n41

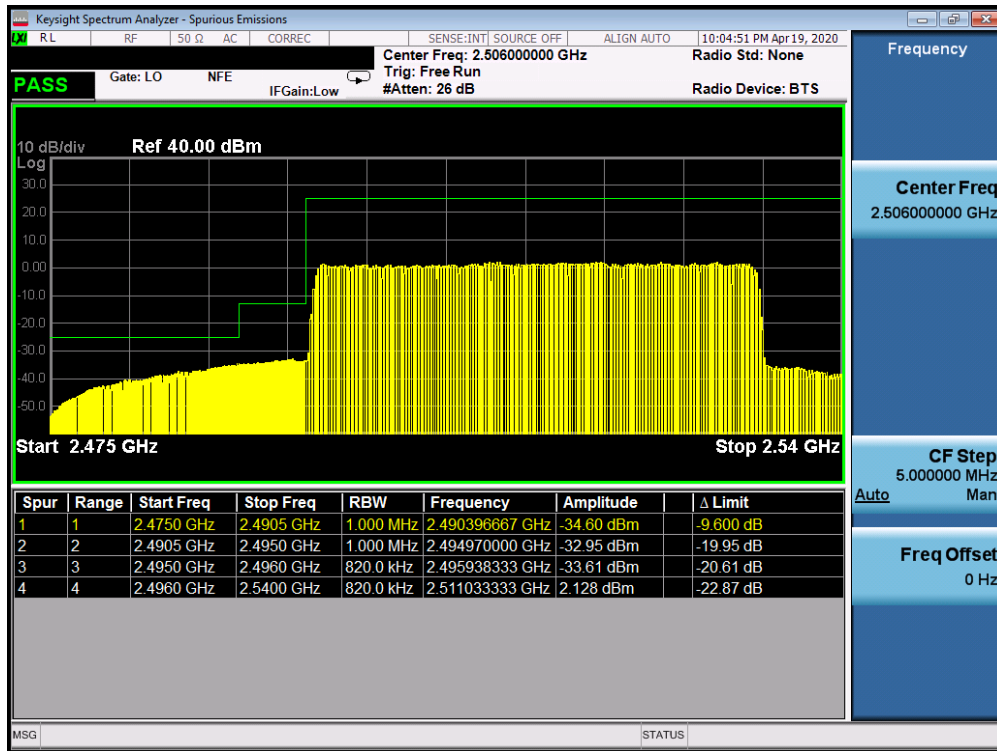


Plot 7-532. Lower ACP Plot at 2496 MHz (5G sub6 n41 - 20.0MHz QPSK - Full RB Configuration)

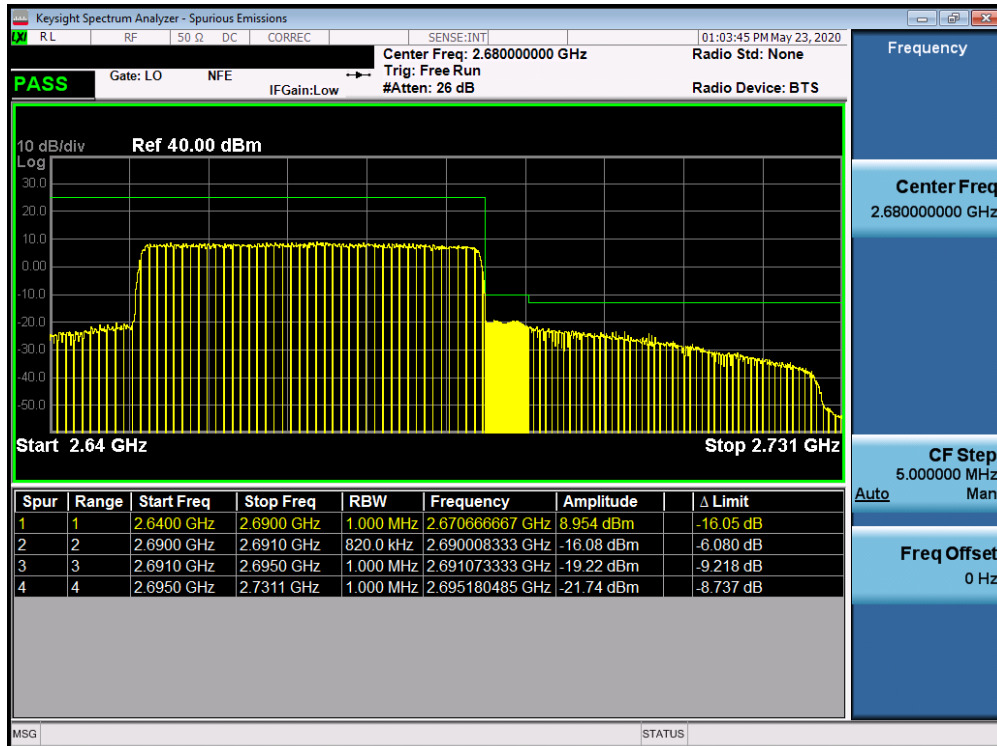


Plot 7-533. Upper ACP Plot (5G sub6 n41 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 294 of 438

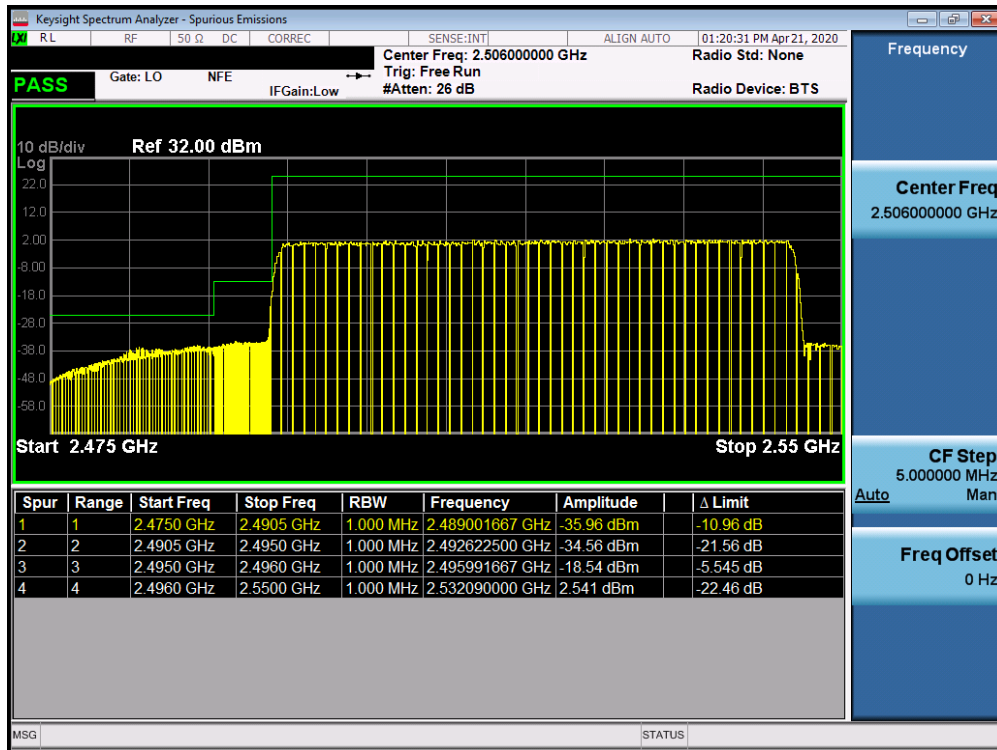


Plot 7-534. Lower ACP Plot at 2496 MHz (5G sub6 n41 - 40.0MHz QPSK - Full RB Configuration)

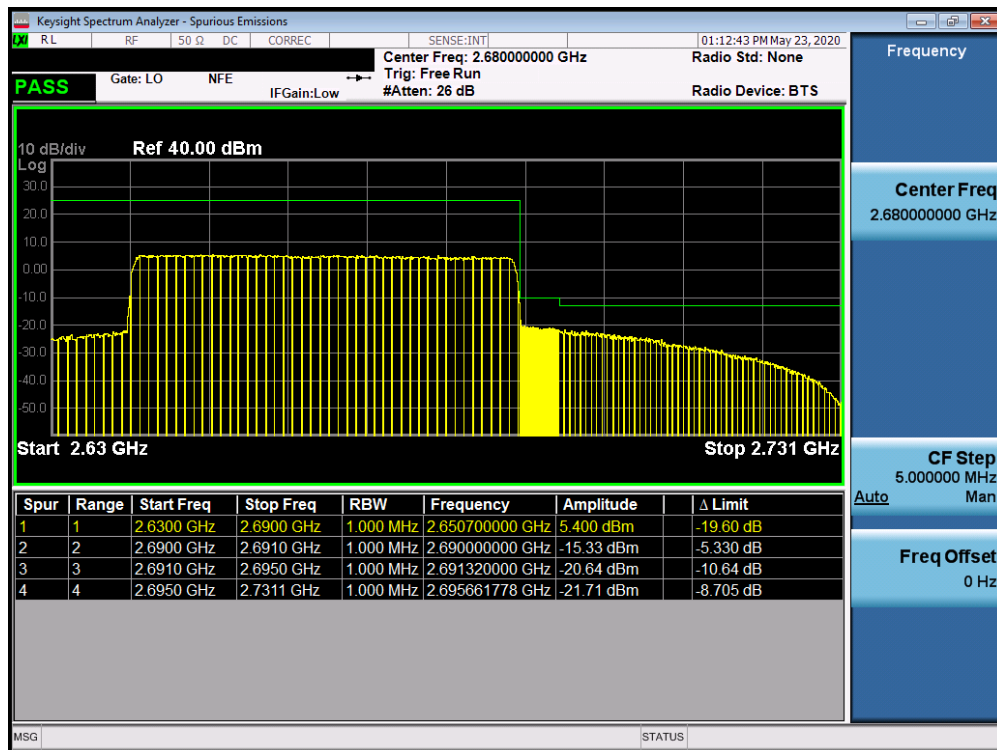


Plot 7-535. Upper ACP Plot (5G sub6 n41 - 40.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 295 of 438

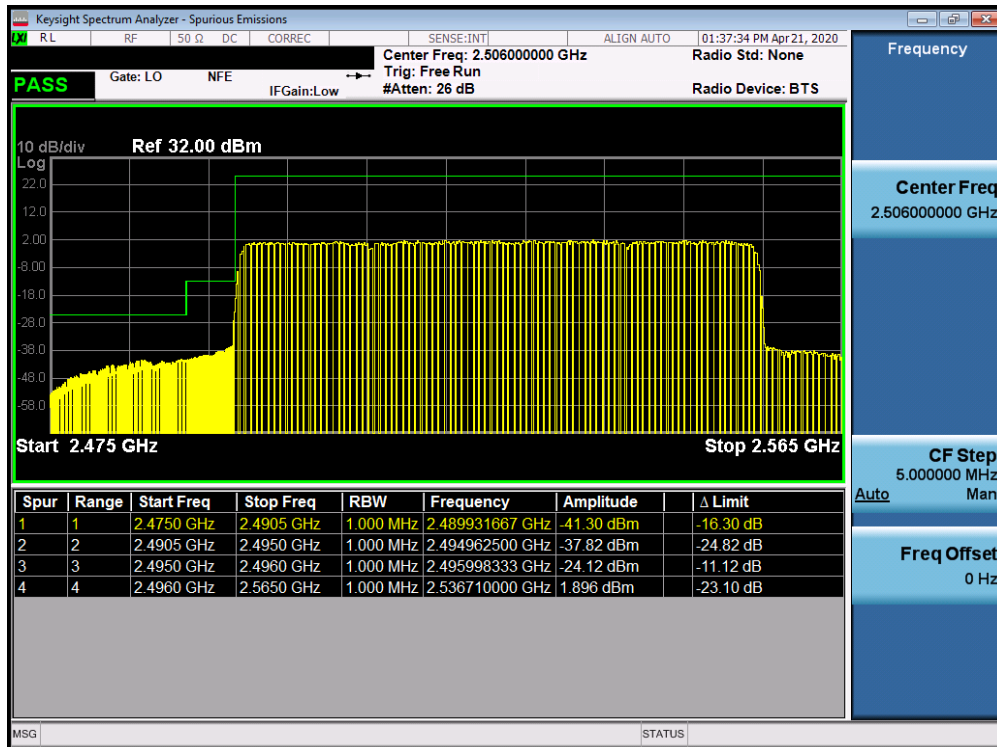


Plot 7-536. Lower ACP Plot at 2496 MHz (5G sub6 n41 - 50.0MHz QPSK - Full RB Configuration)

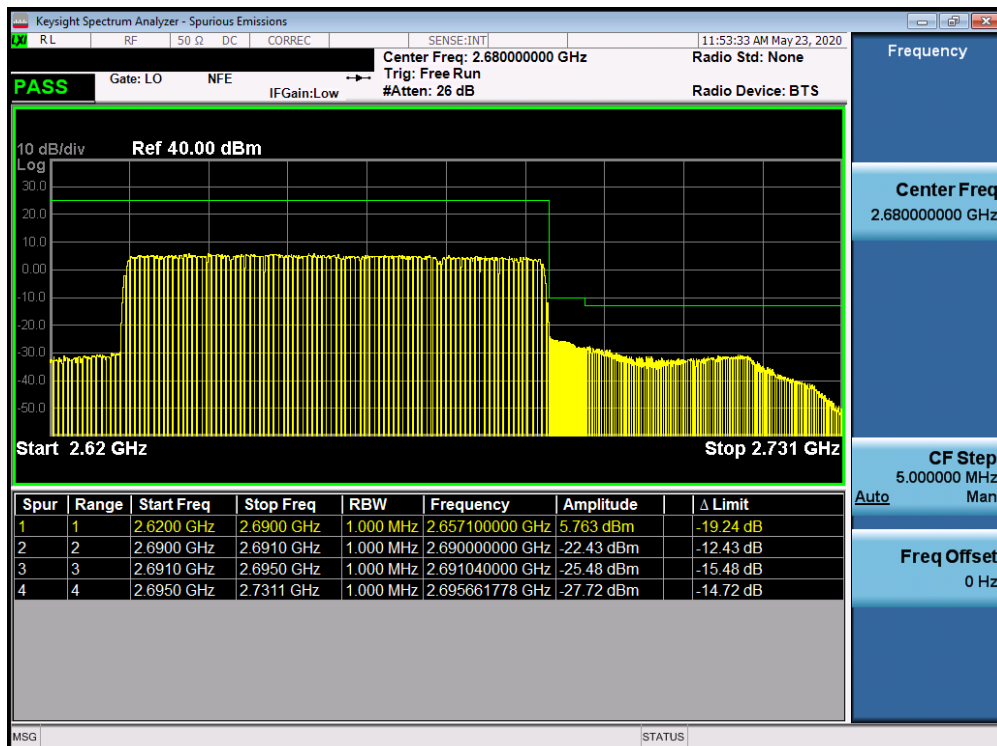


Plot 7-537. Upper ACP Plot (5G sub6 n41 - 50.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 296 of 438

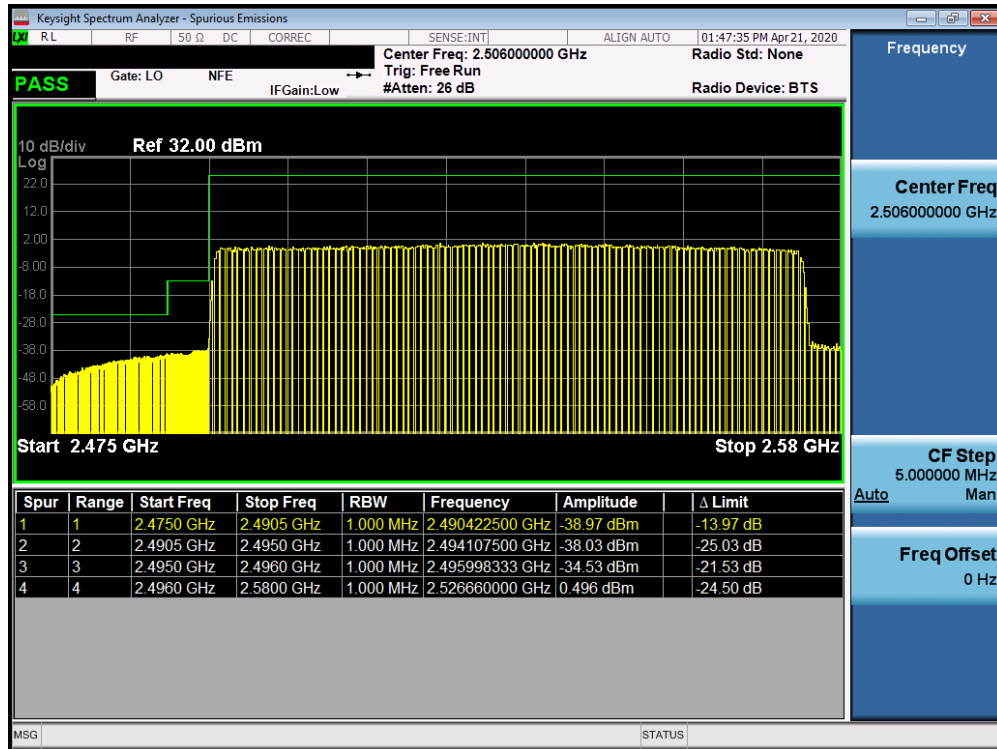


Plot 7-538. Lower ACP Plot at 2496 MHz (5G sub6 n41 - 60.0MHz QPSK - Full RB Configuration)

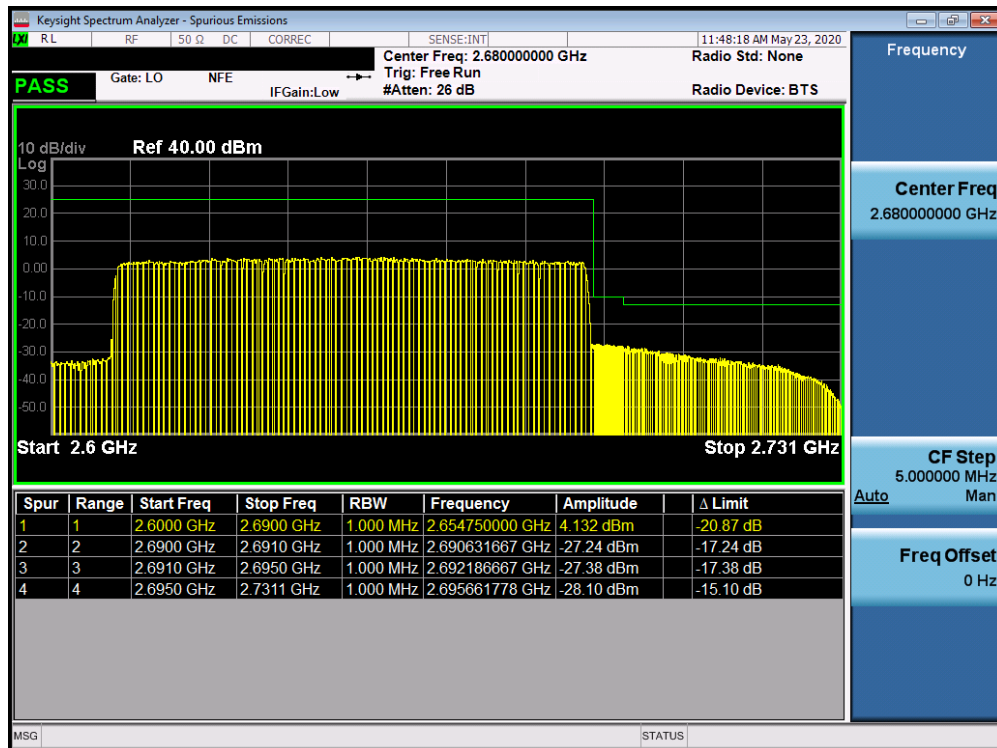


Plot 7-539. Upper ACP Plot (5G sub6 n41 - 60.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 297 of 438

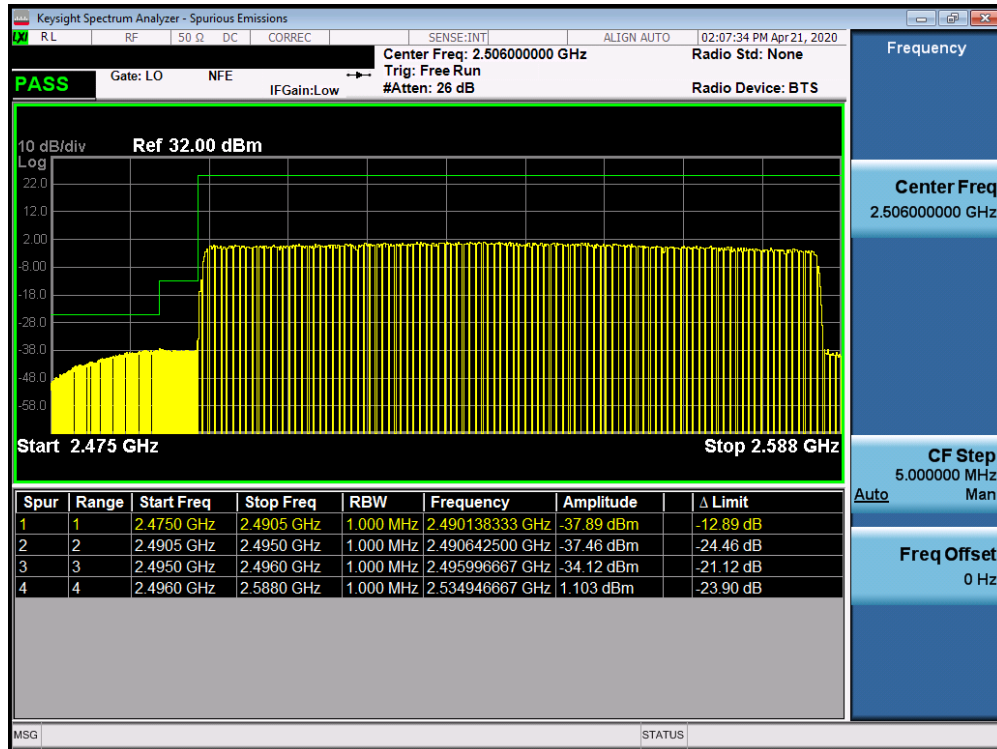


Plot 7-540. Lower ACP Plot at 2496 MHz (5G sub6 n41 - 80.0MHz QPSK - Full RB Configuration)

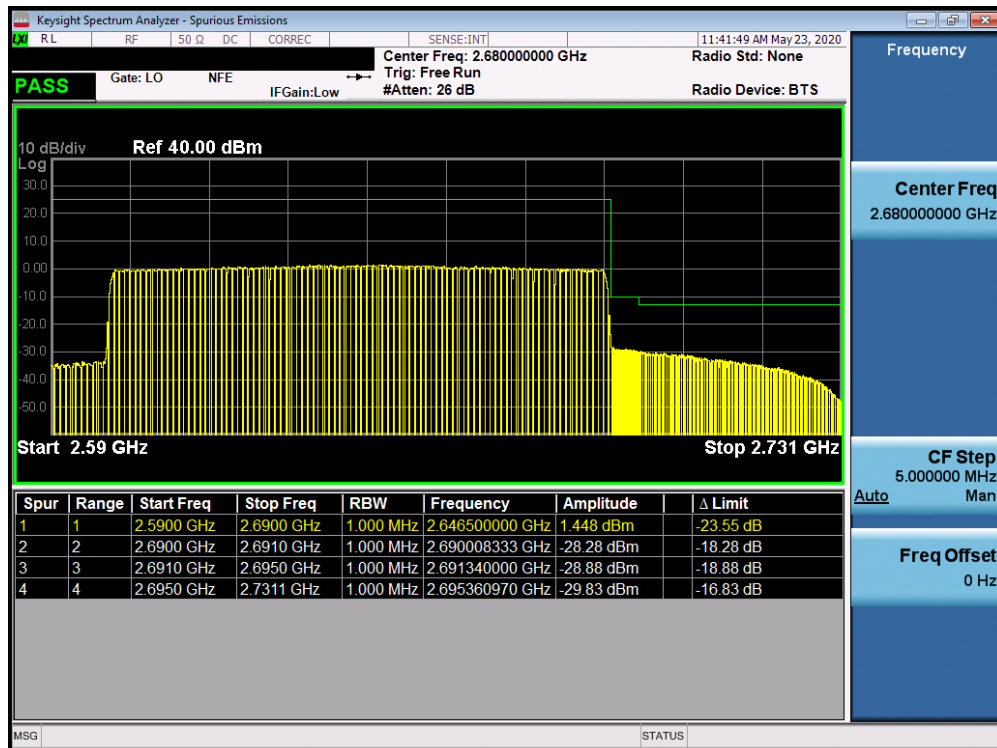


Plot 7-541. Upper ACP Plot (5G sub6 n41 - 80.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 298 of 438

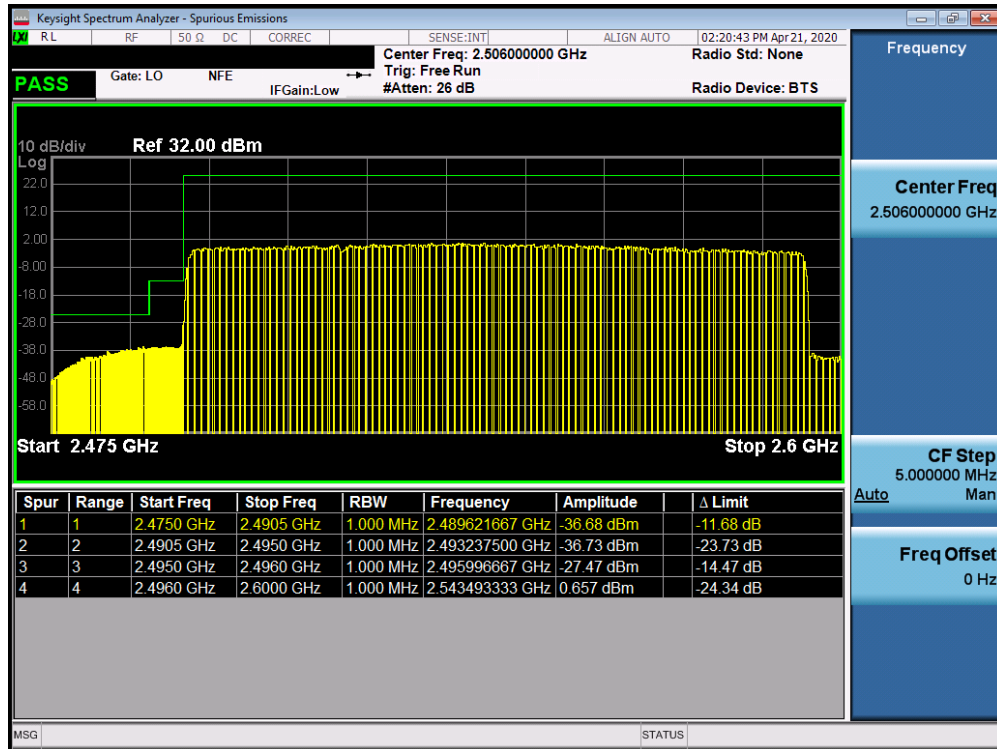


Plot 7-542. Lower ACP Plot at 2496 MHz (5G sub6 n41 - 90.0MHz QPSK - Full RB Configuration)

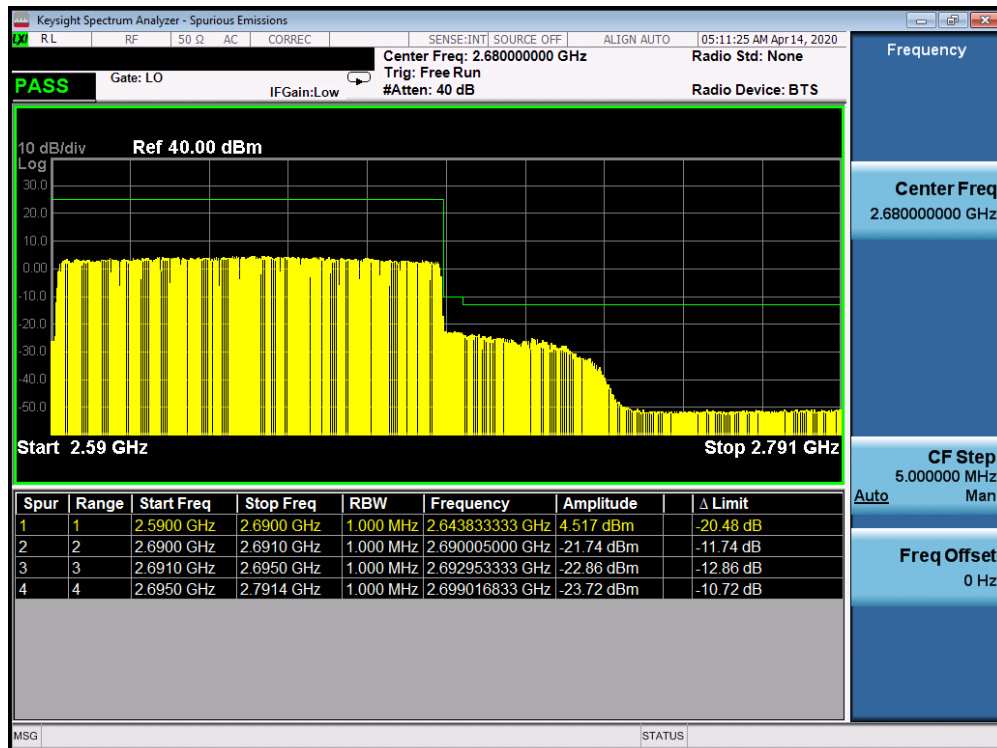


Plot 7-543. Upper ACP Plot (5G sub6 n41 - 90.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 299 of 438



Plot 7-544. Lower ACP Plot at 2496 MHz (5G sub6 n41 - 100.0MHz QPSK - Full RB Configuration)



Plot 7-545. Upper ACP Plot (5G sub6 n41 - 100.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 300 of 438

7.5 Peak-Average Ratio

Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 5.7.1

Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW $\geq$ OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

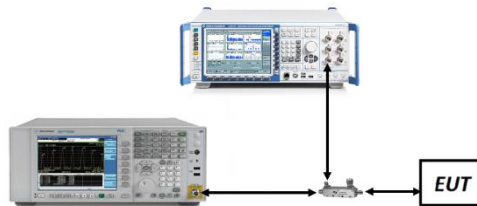


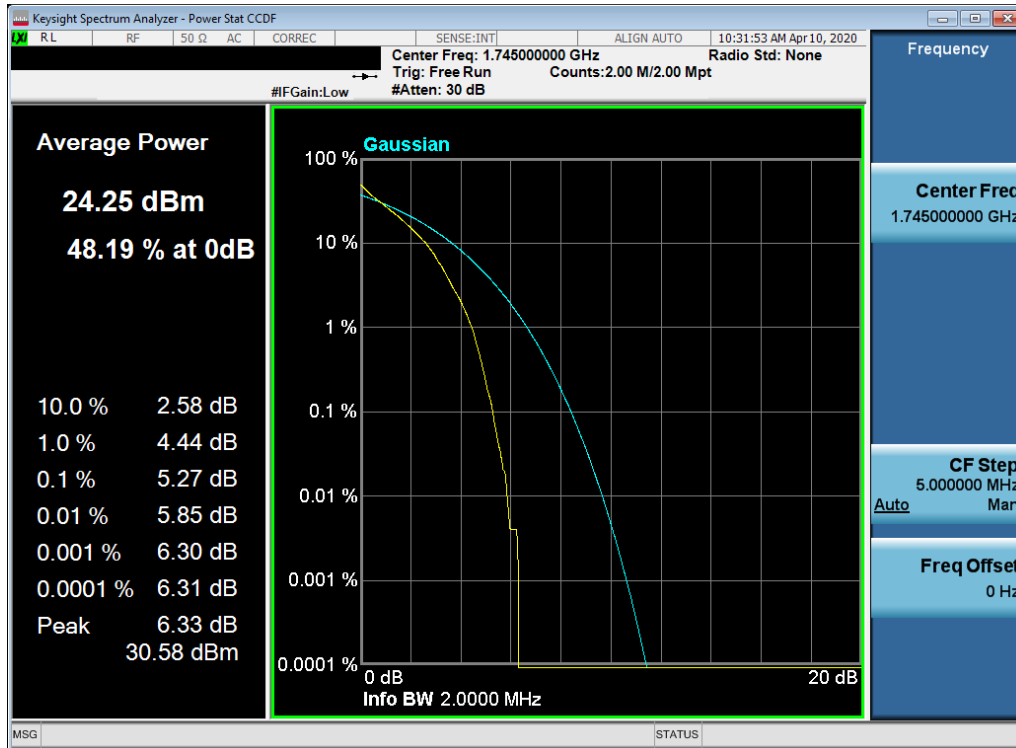
Figure 7-4. Test Instrument & Measurement Setup

Test Notes

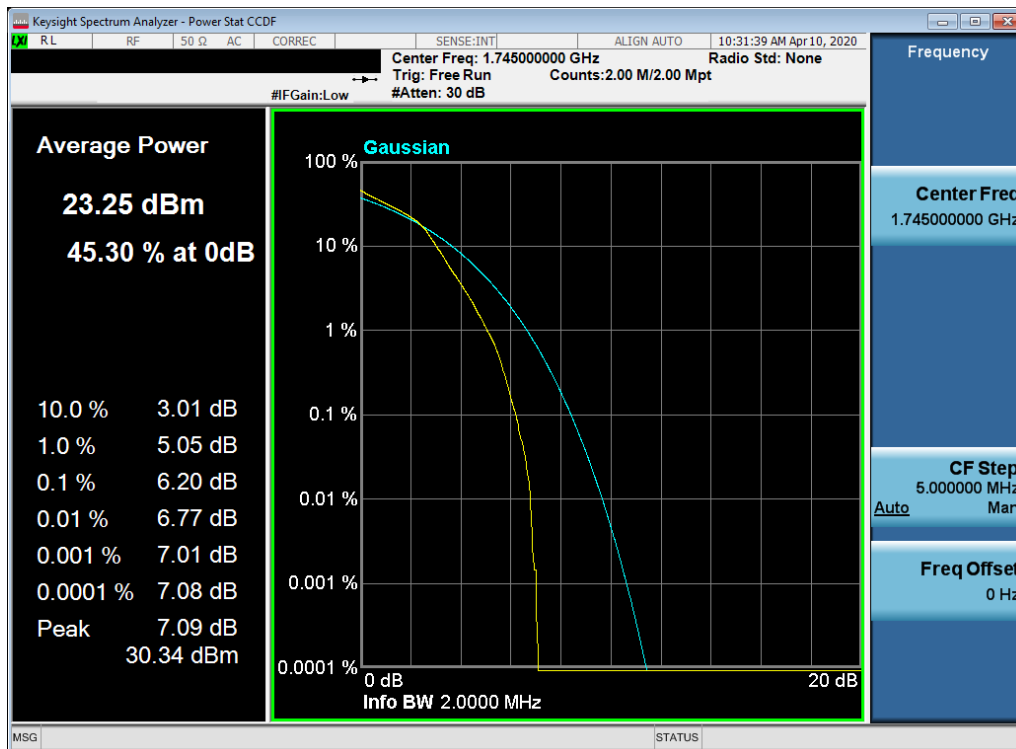
None.

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 301 of 438

Band 66/4

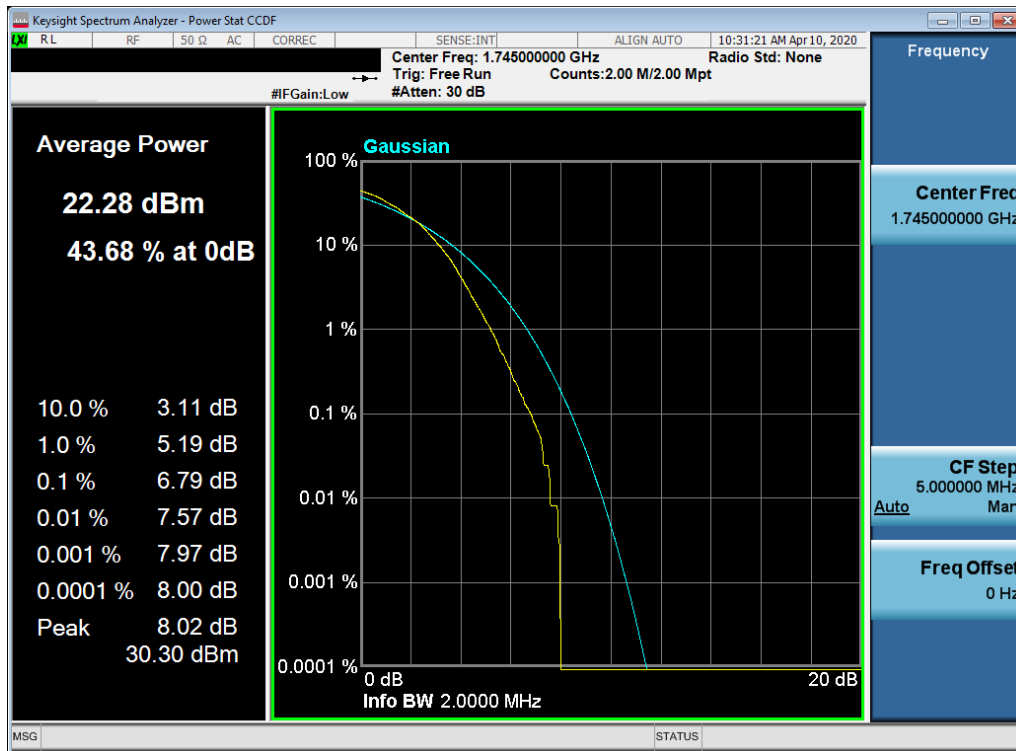


Plot 7-546. PAR Plot (Band 66/4 - 1.4MHz QPSK - Full RB Configuration)

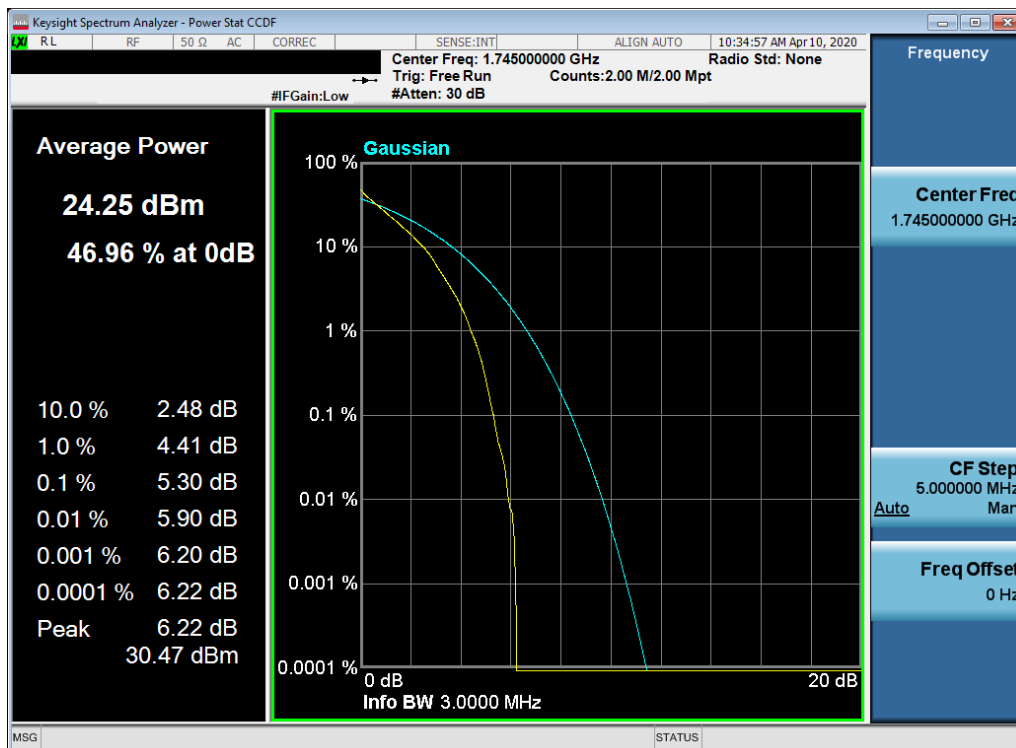


Plot 7-547. PAR Plot (Band 66/4 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 302 of 438

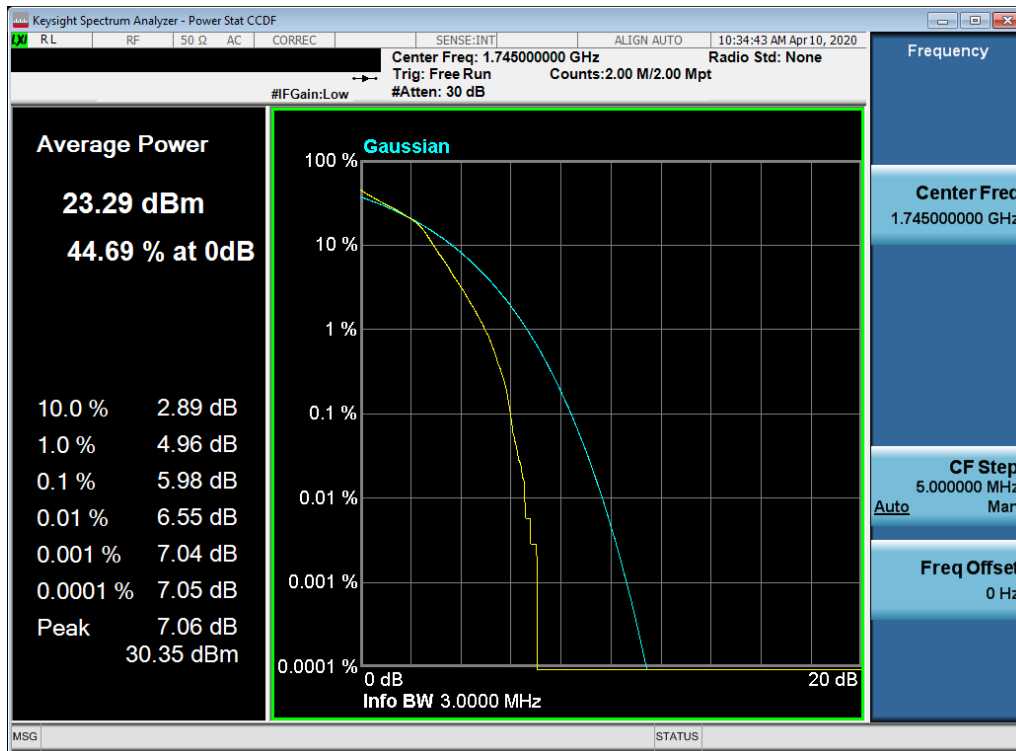


Plot 7-548. PAR Plot (Band 66/4 - 1.4MHz 64-QAM - Full RB Configuration)

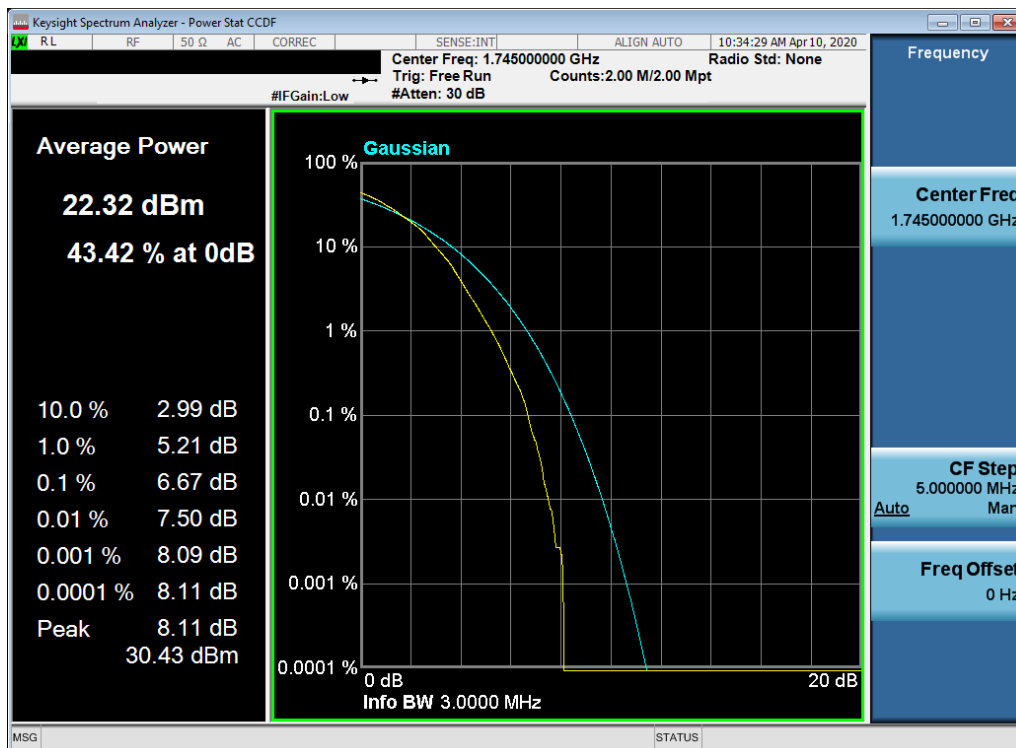


Plot 7-549. PAR Plot (Band 66/4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 303 of 438

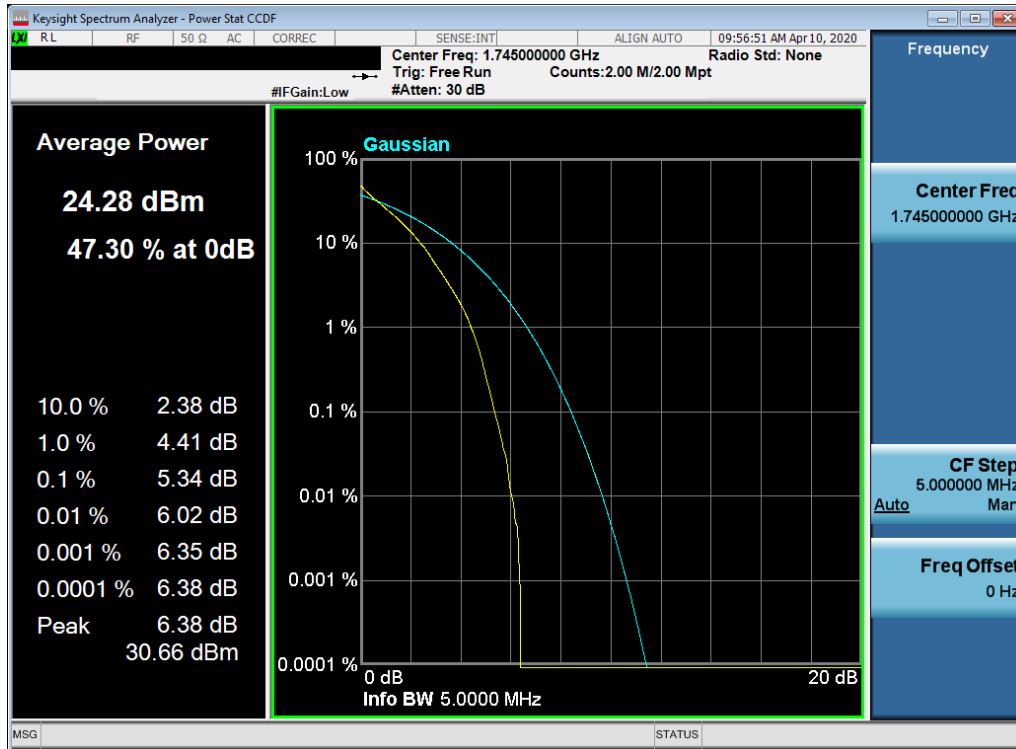


Plot 7-550. PAR Plot (Band 66/4 - 3.0MHz 16-QAM - Full RB Configuration)

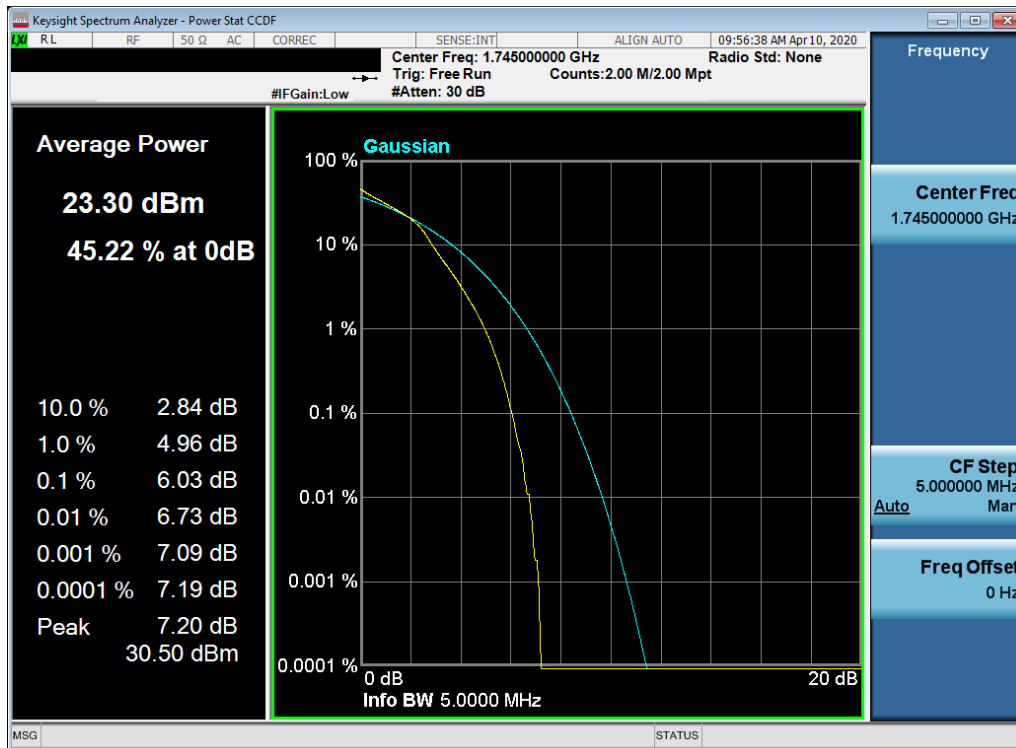


Plot 7-551. PAR Plot (Band 66/4 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 304 of 438

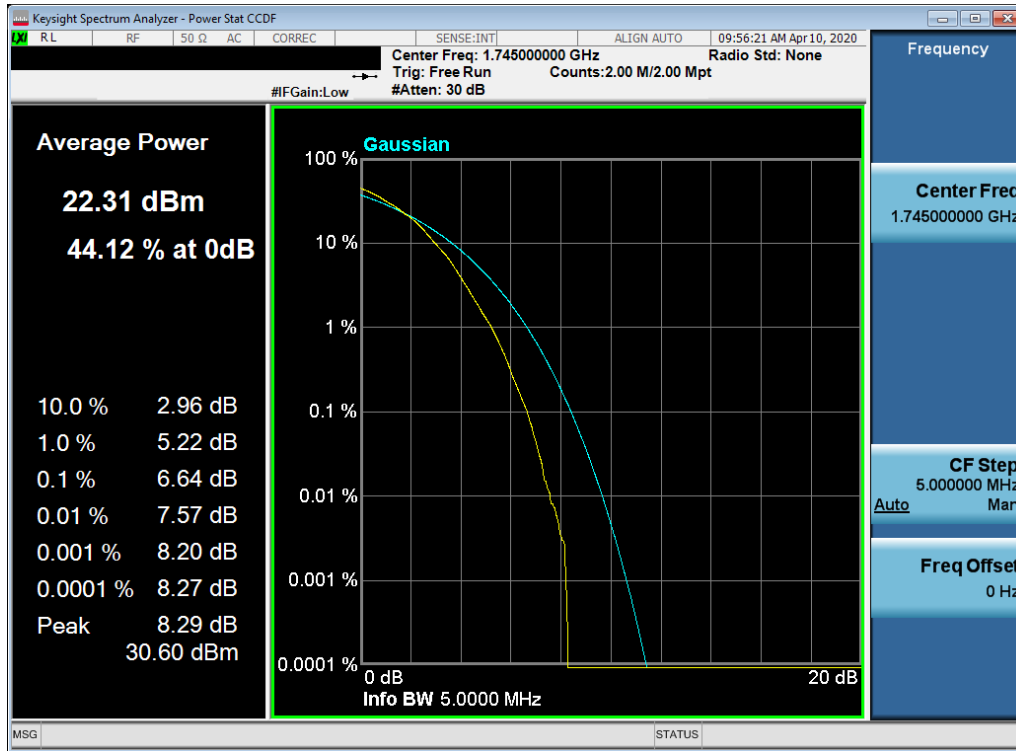


Plot 7-552. PAR Plot (Band 66/4 - 5.0MHz QPSK - Full RB Configuration)

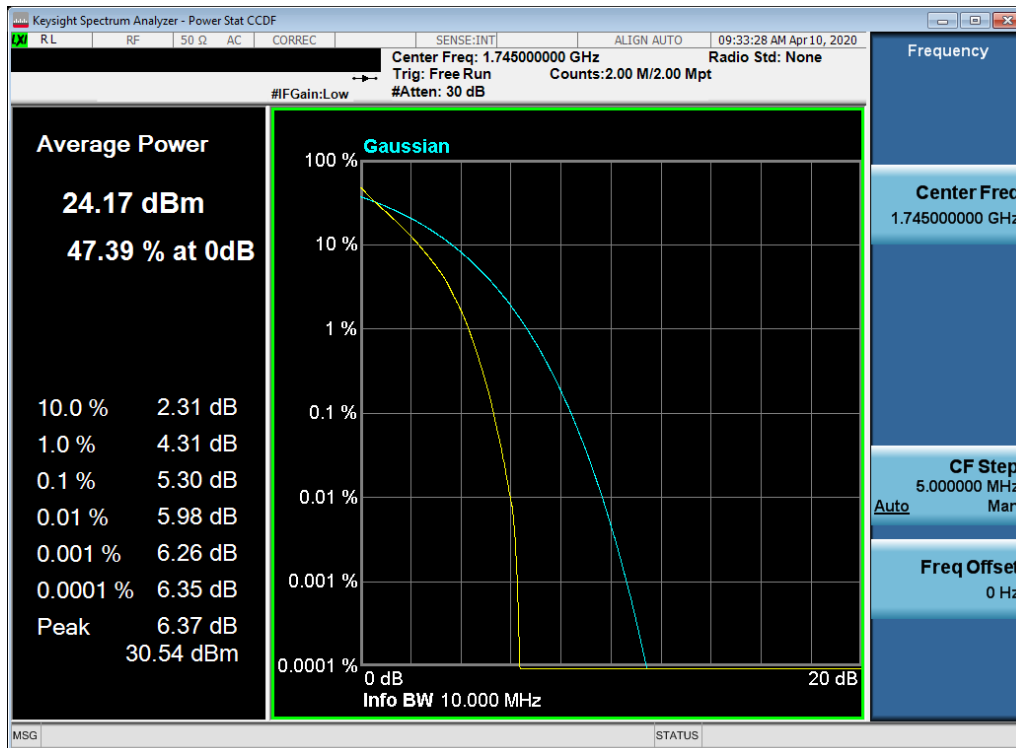


Plot 7-553. PAR Plot (Band 66/4 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 305 of 438

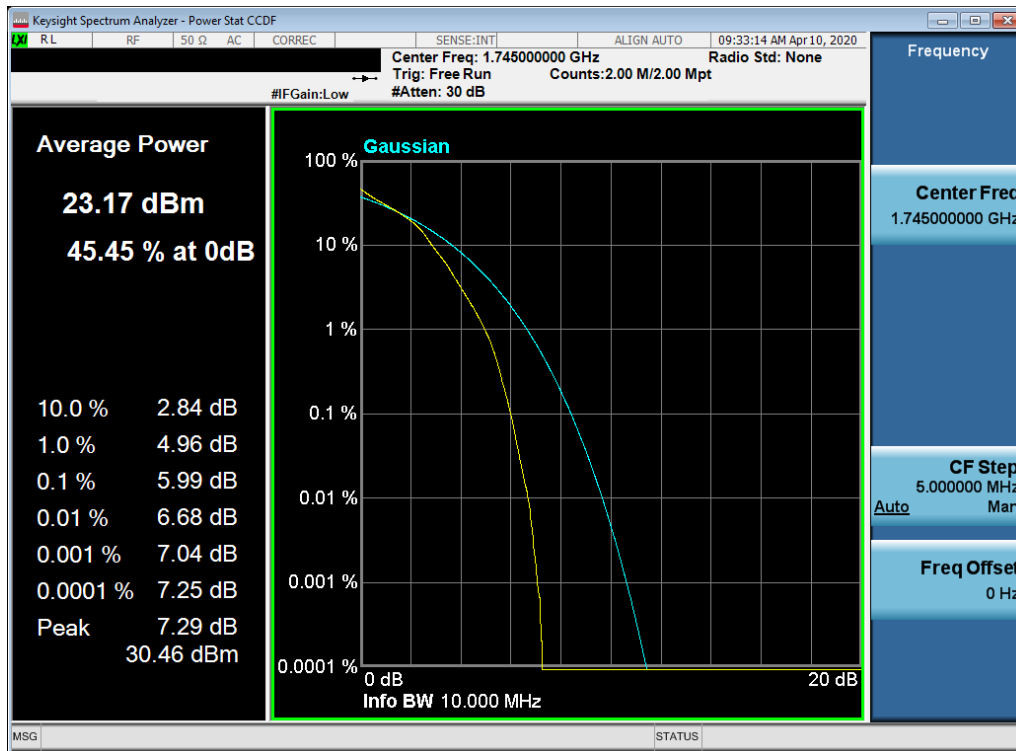


Plot 7-554. PAR Plot (Band 66/4 - 5.0MHz 64-QAM - Full RB Configuration)

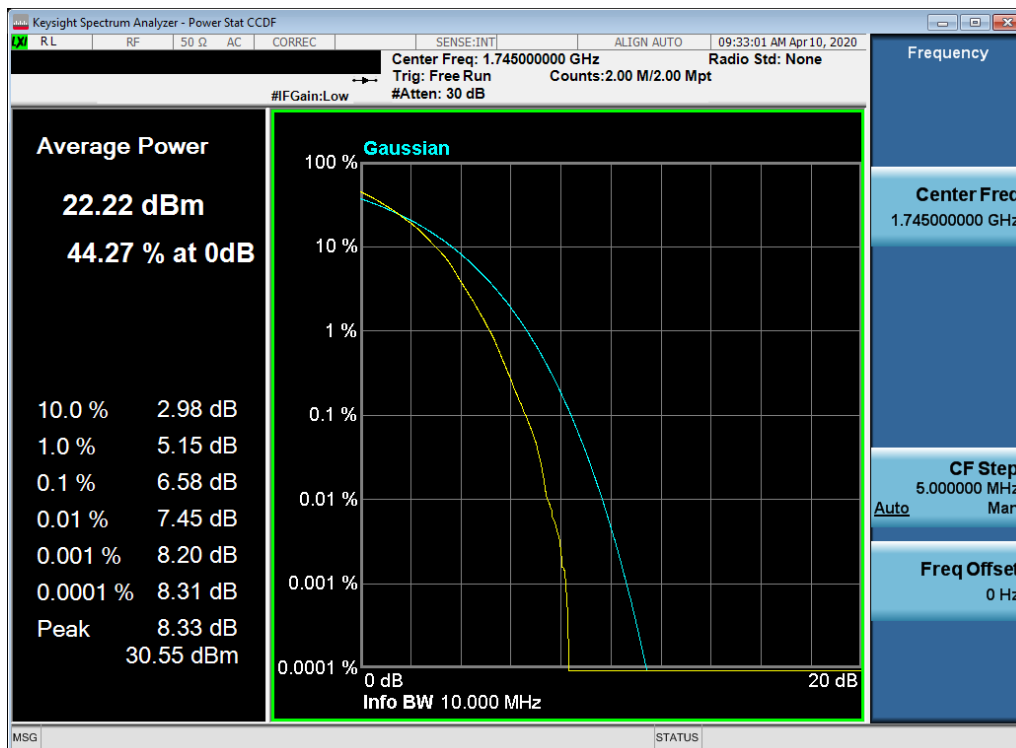


Plot 7-555. PAR Plot (Band 66/4 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 306 of 438

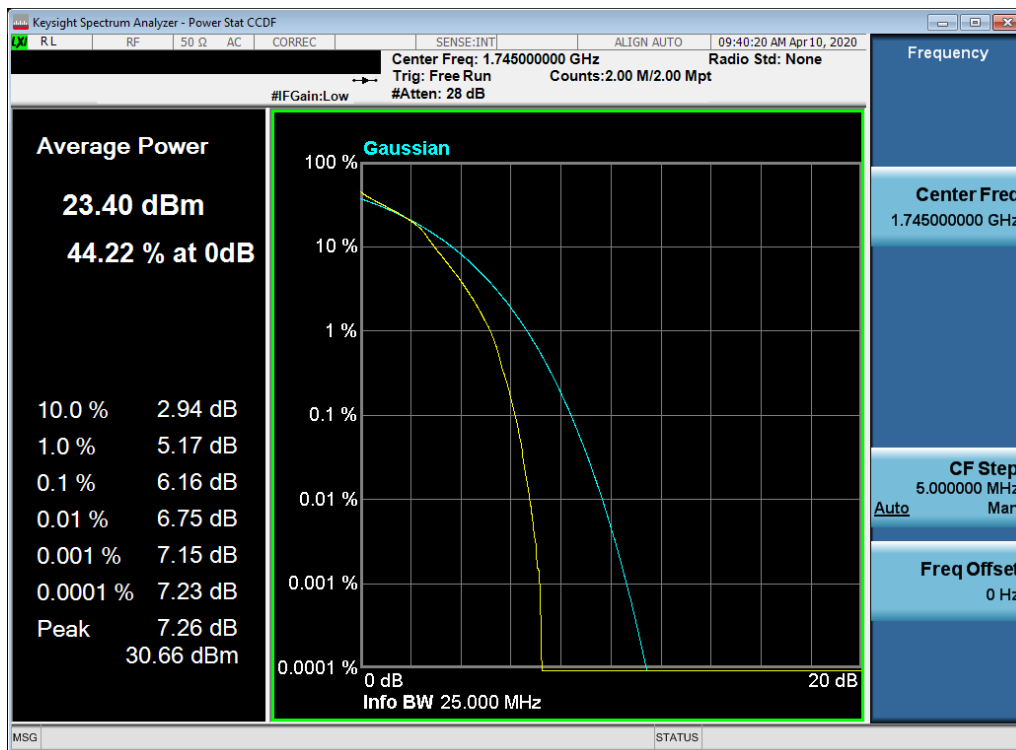
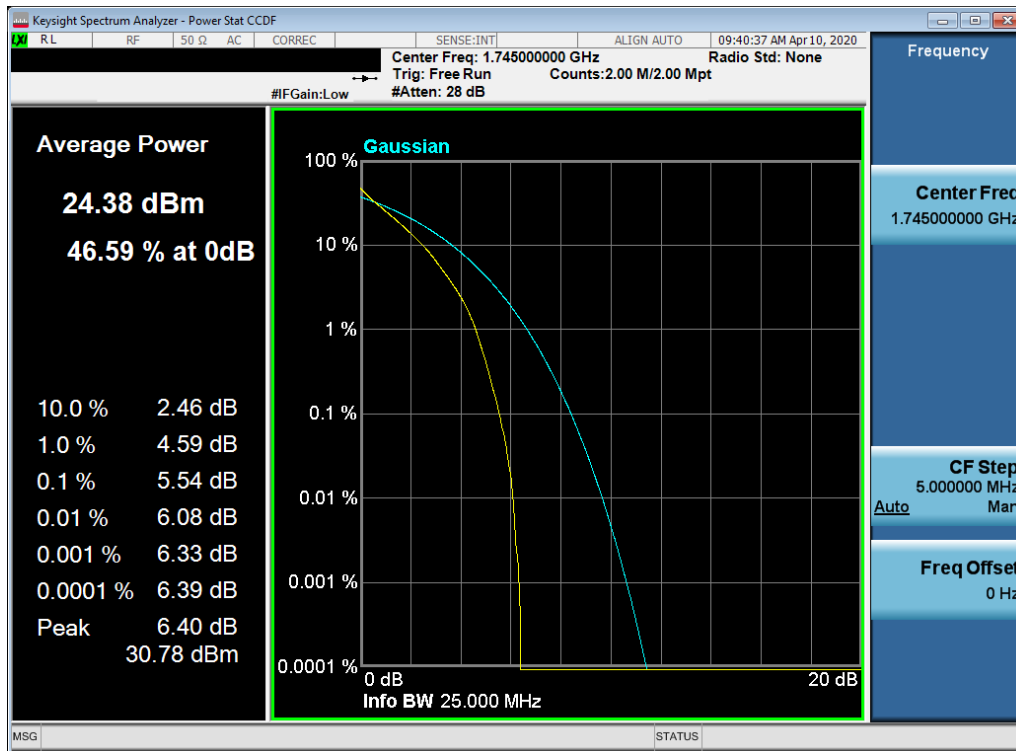


Plot 7-556. PAR Plot (Band 66/4 - 10.0MHz 16-QAM - Full RB Configuration)

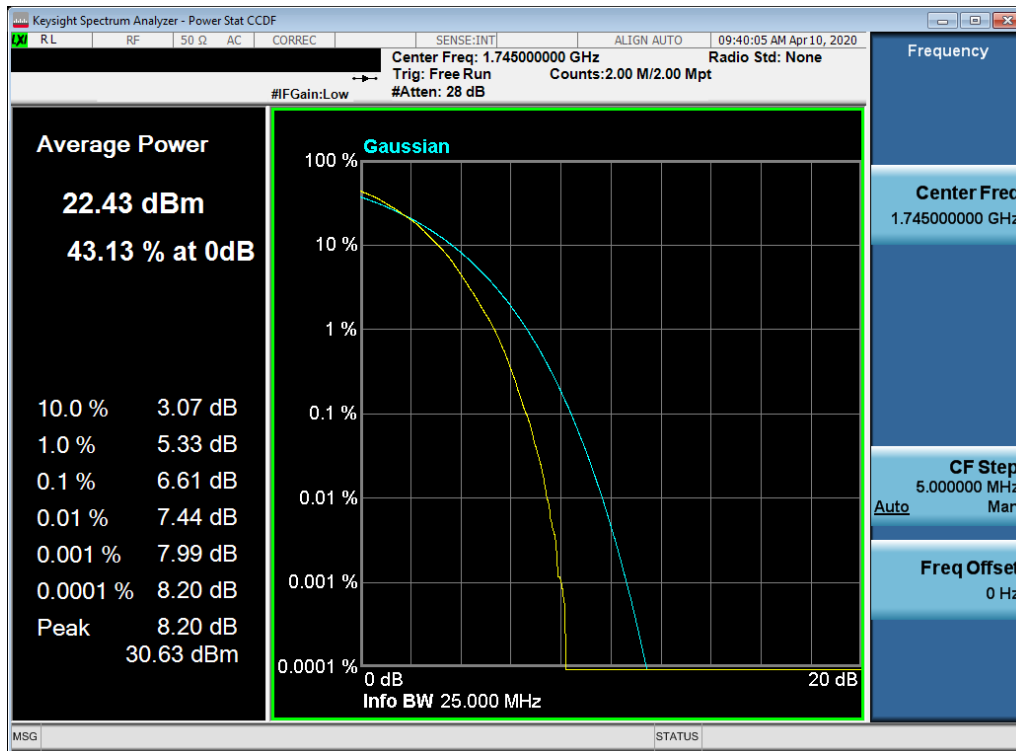


Plot 7-557. PAR Plot (Band 66/4 - 10.0MHz 64-QAM - Full RB Configuration)

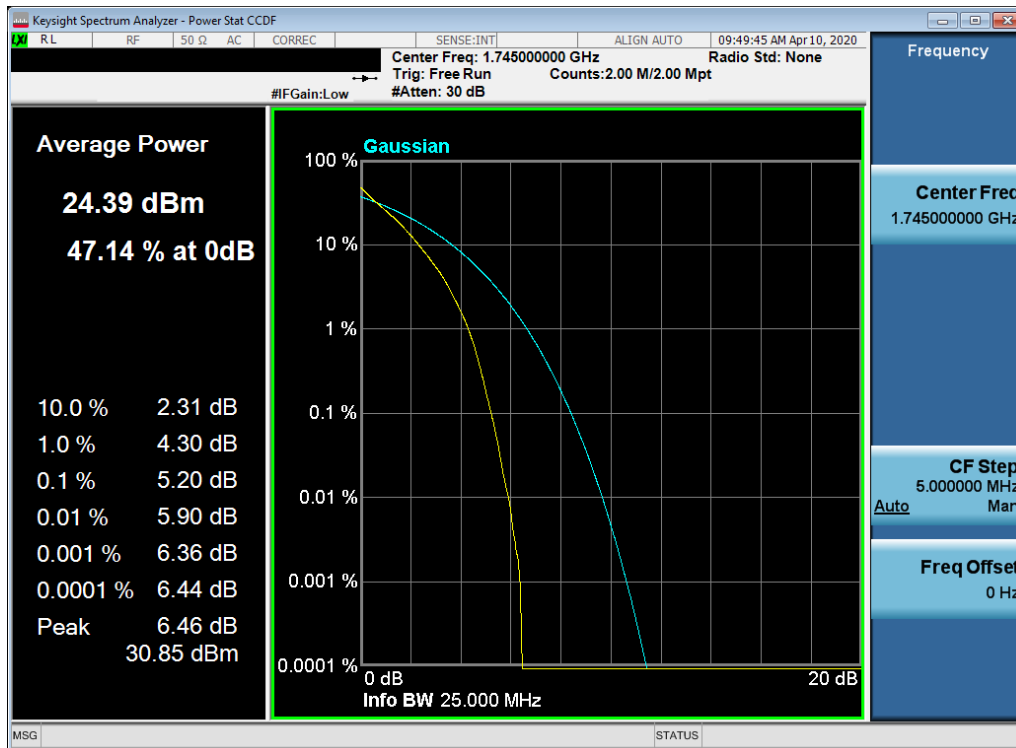
FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 307 of 438



FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 308 of 438

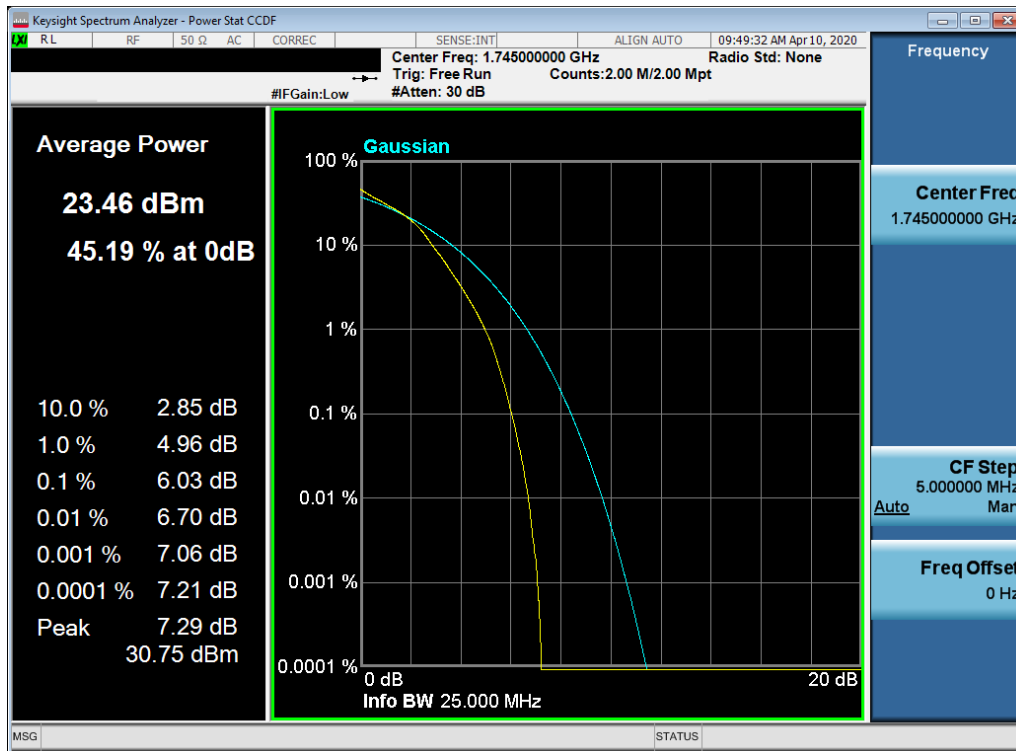


Plot 7-560. PAR Plot (Band 66/4 - 15.0MHz 64-QAM - Full RB Configuration)

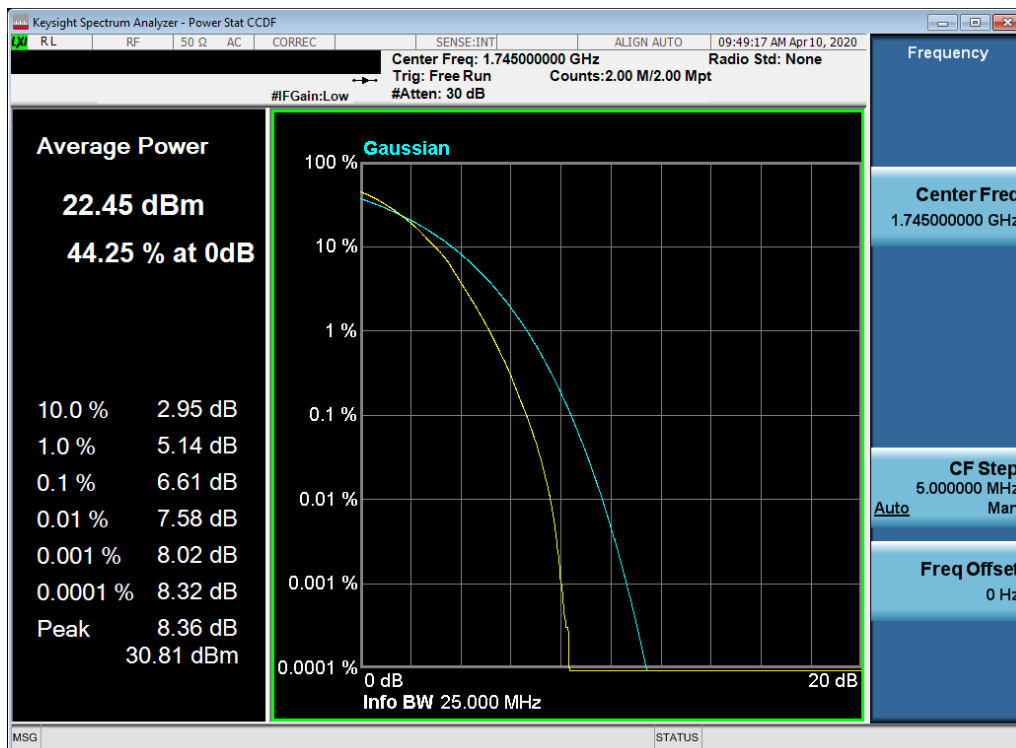


Plot 7-561. PAR Plot (Band 66/4 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 309 of 438



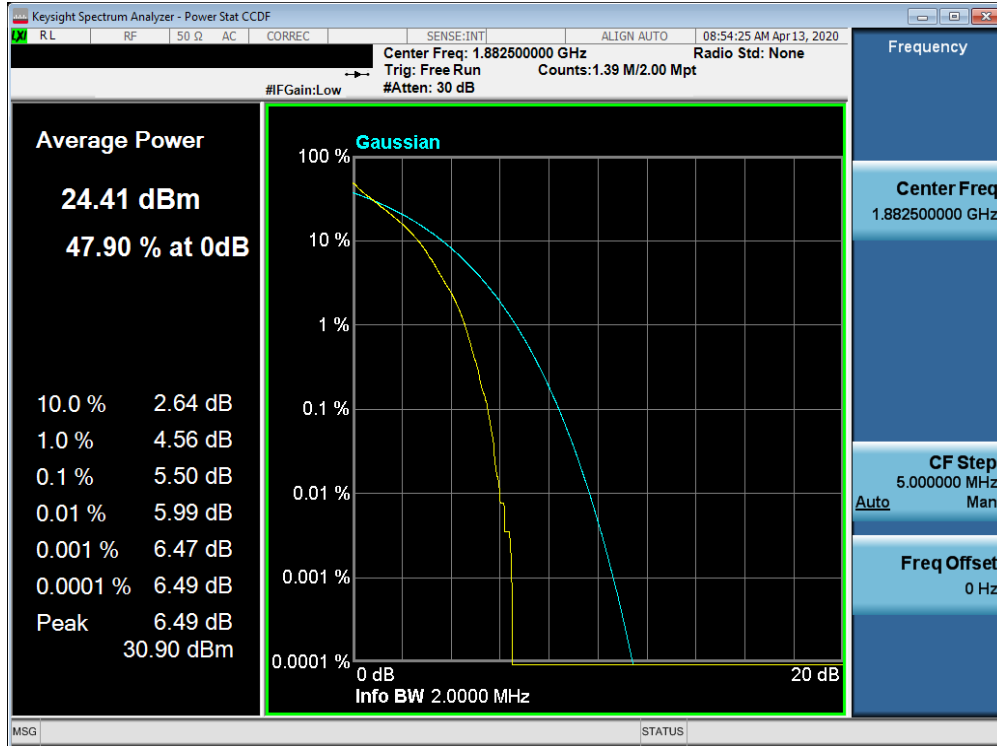
Plot 7-562. PAR Plot (Band 66/4 - 20.0MHz 16-QAM - Full RB Configuration)



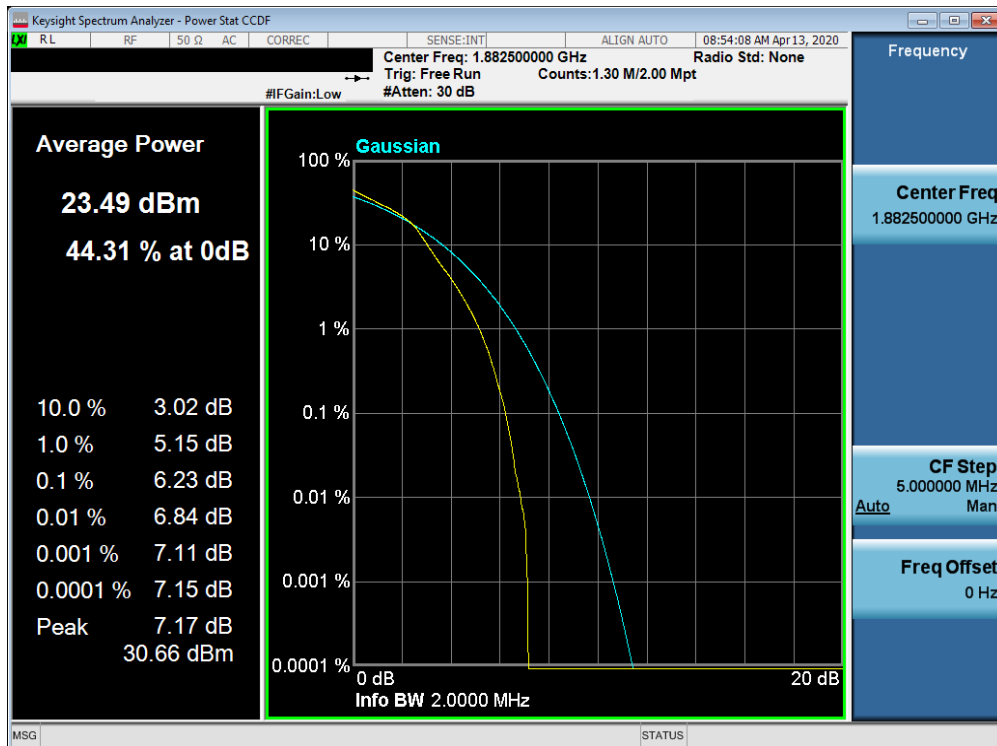
Plot 7-563. PAR Plot (Band 66/4 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 310 of 438

Band 25/2

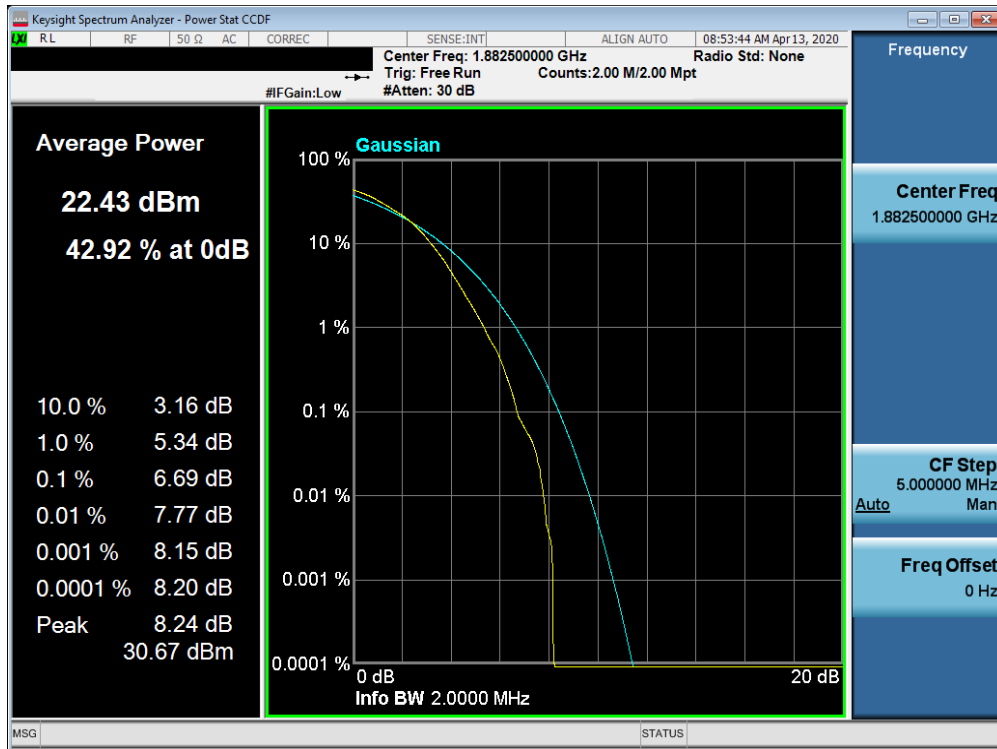


Plot 7-564. PAR Plot (Band 25/2 - 1.4MHz QPSK - Full RB Configuration)

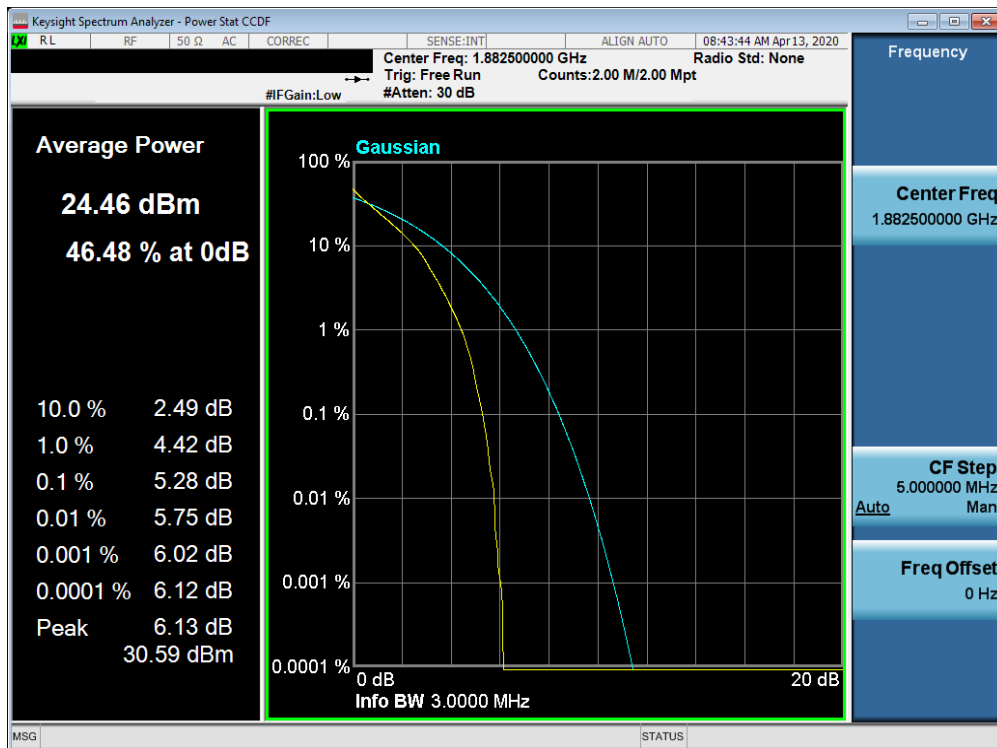


Plot 7-565. PAR Plot (Band 25/2 - 1.4MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 311 of 438

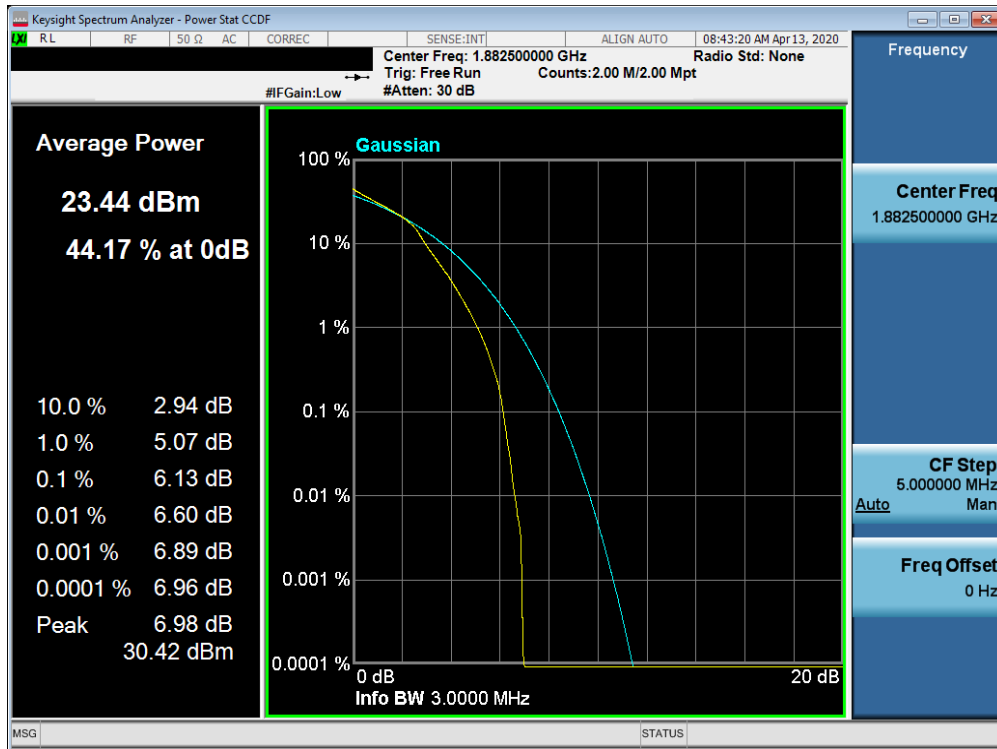


Plot 7-566. PAR Plot (Band 25/2 - 1.4MHz 64-QAM - Full RB Configuration)

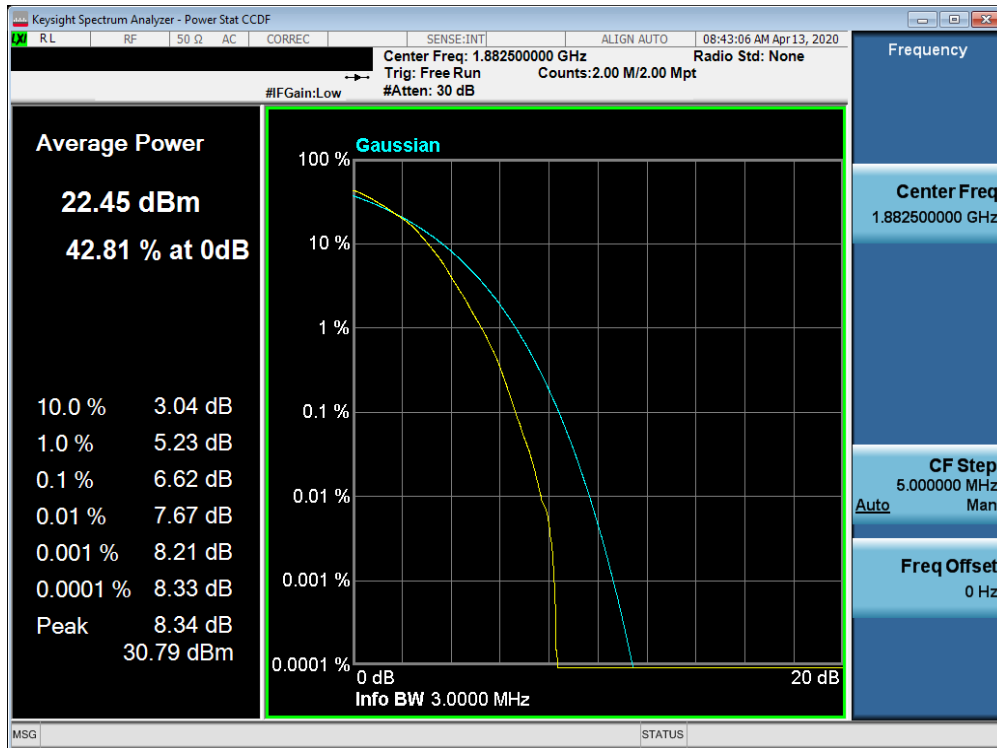


Plot 7-567. PAR Plot (Band 25/2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 312 of 438

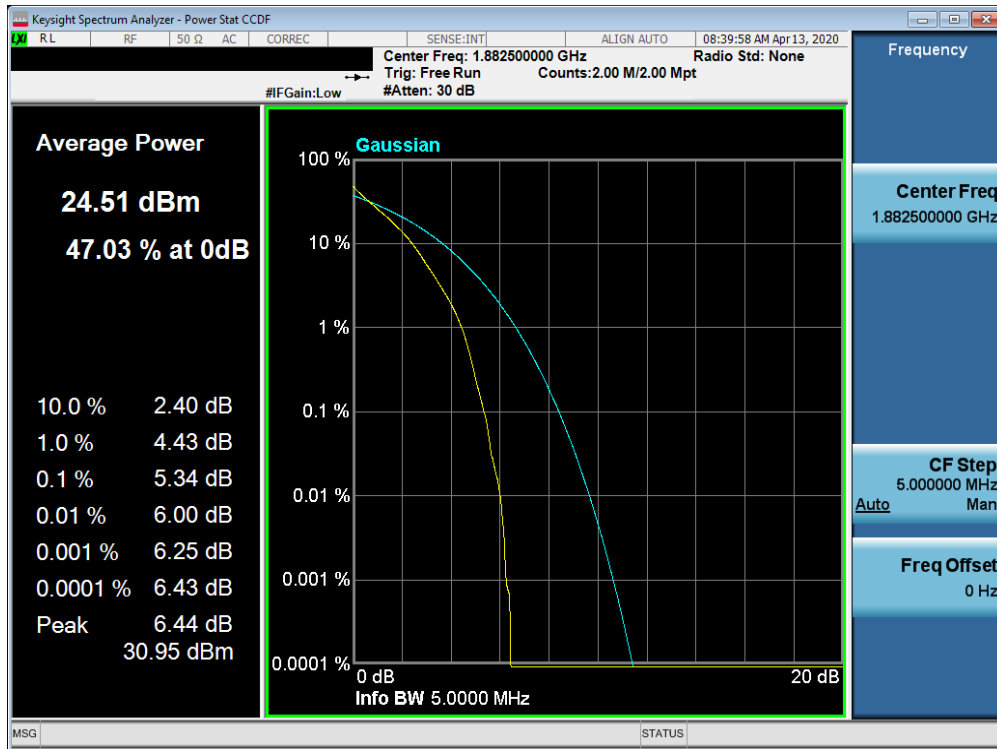


Plot 7-568. PAR Plot (Band 25/2 - 3.0MHz 16-QAM - Full RB Configuration)

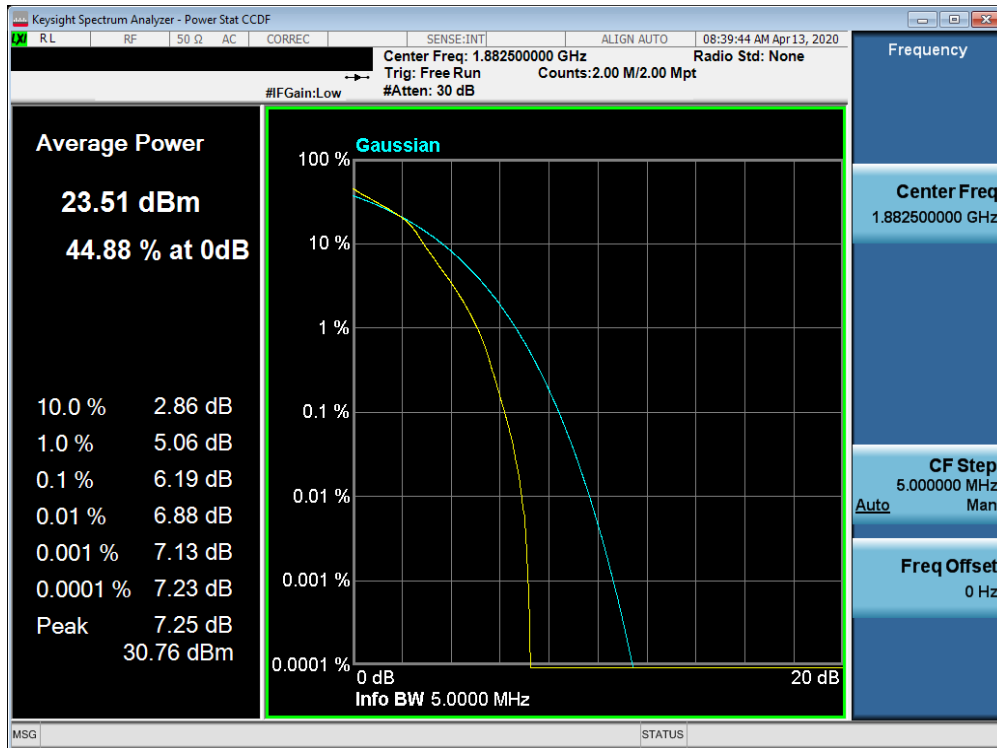


Plot 7-569. PAR Plot (Band 25/2 - 3.0MHz 64-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 313 of 438

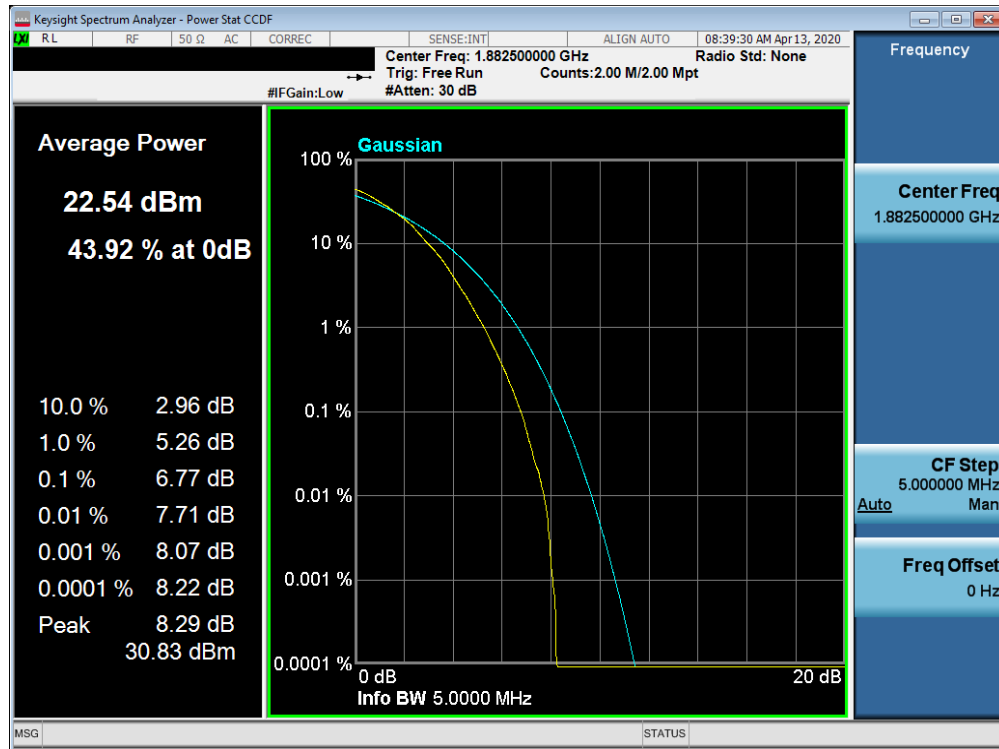


Plot 7-570. PAR Plot (Band 25/2 - 5.0MHz QPSK - Full RB Configuration)

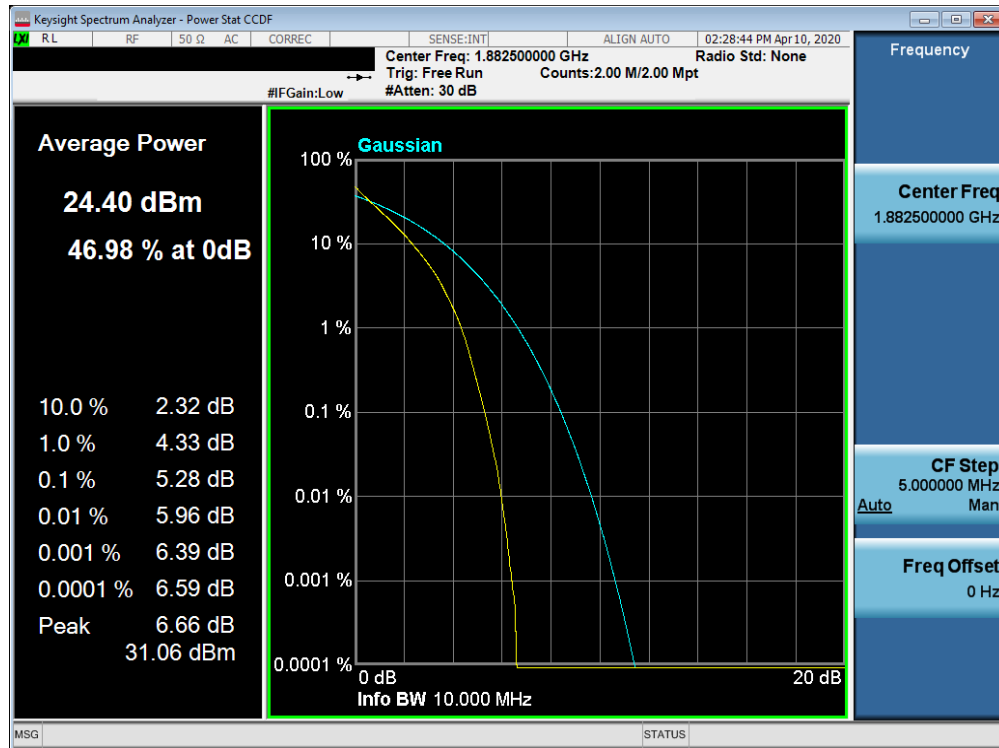


Plot 7-571. PAR Plot (Band 25/2 - 5.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 314 of 438

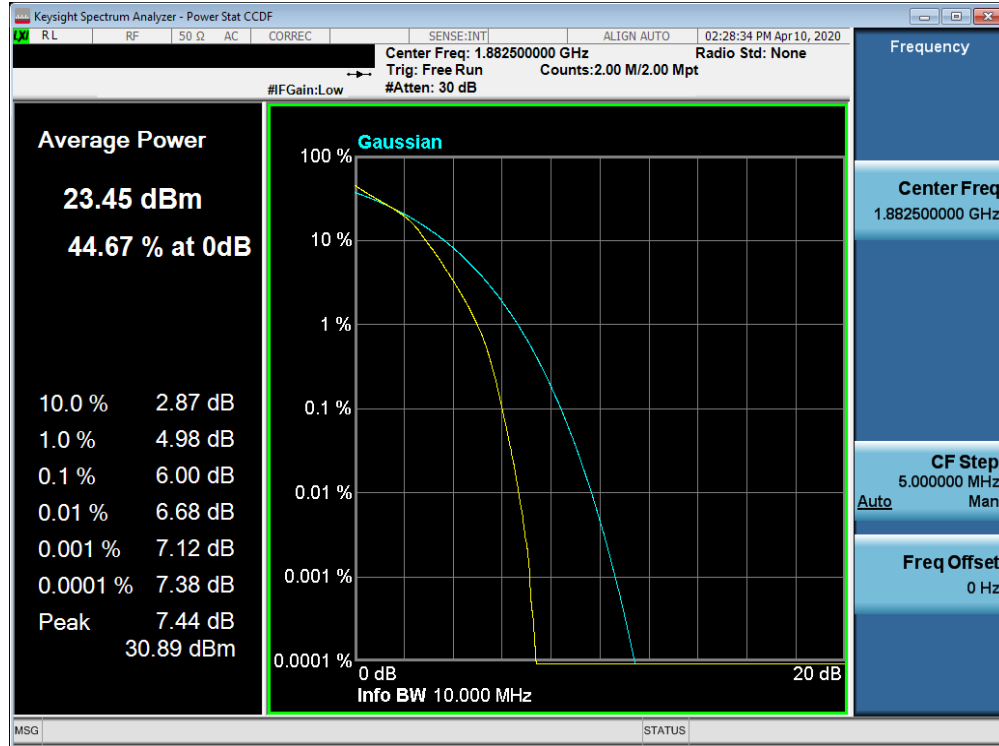


Plot 7-572. PAR Plot (Band 25/2 - 5.0MHz 64-QAM - Full RB Configuration)

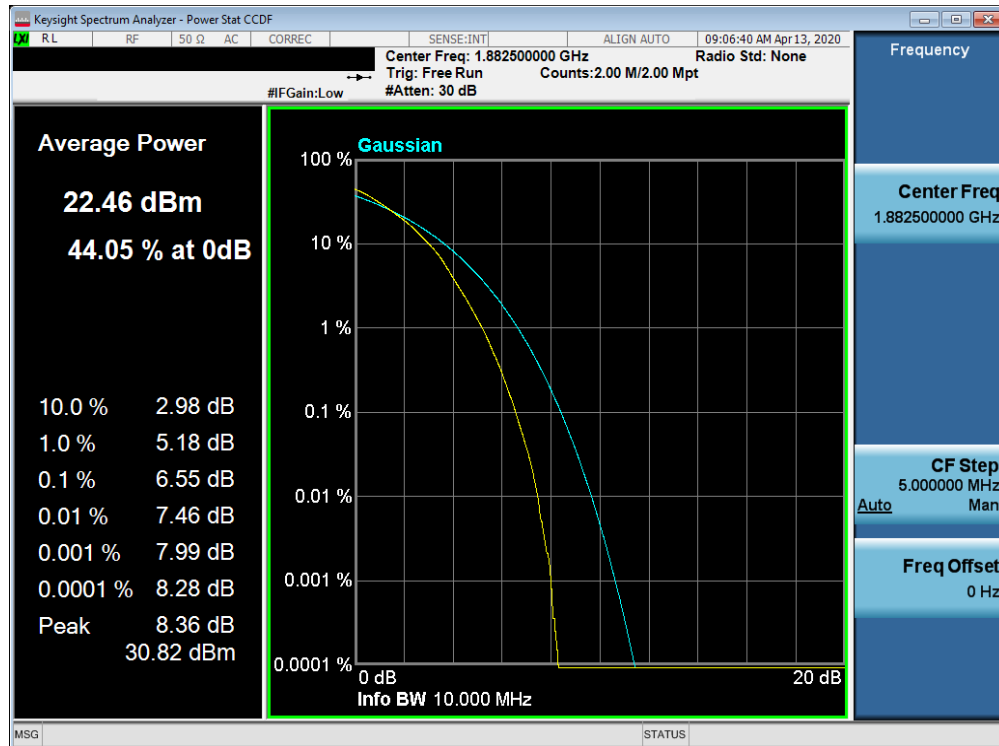


Plot 7-573. PAR Plot (Band 25/2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 315 of 438

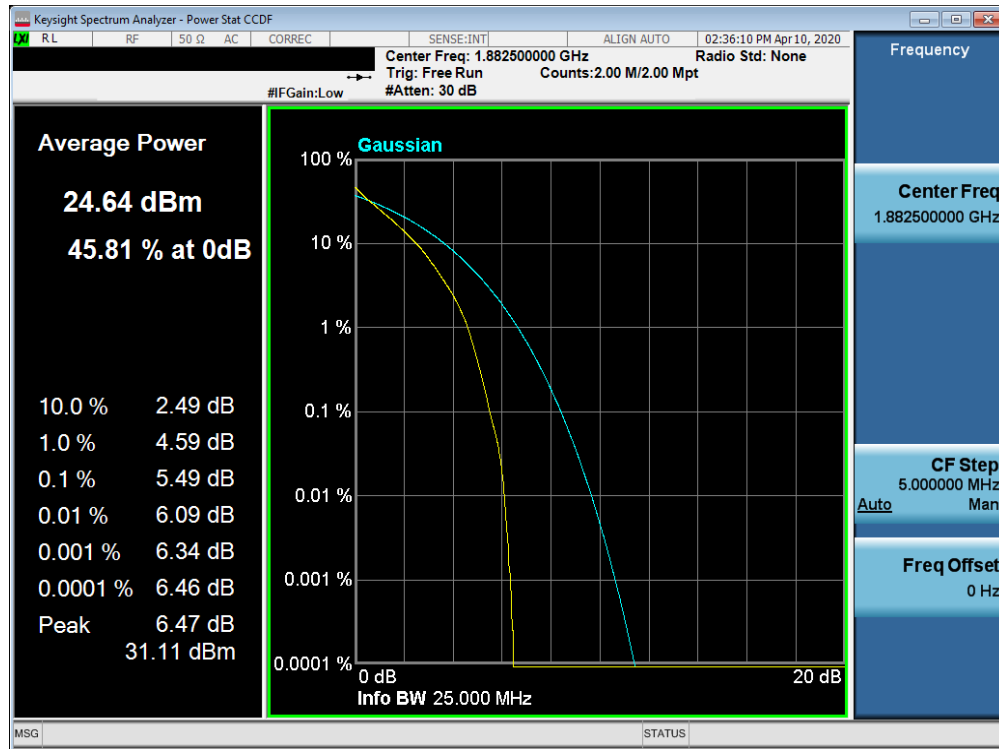


Plot 7-574. PAR Plot (Band 25/2 - 10.0MHz 16-QAM - Full RB Configuration)

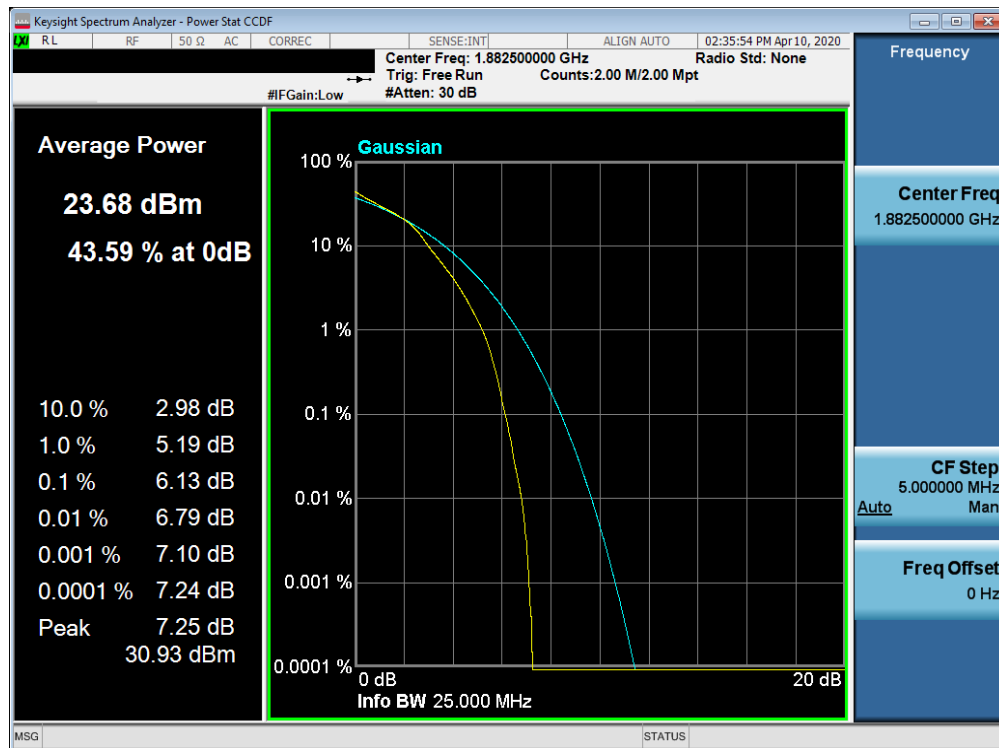


Plot 7-575. PAR Plot (Band 25/2 - 10.0MHz 64-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 316 of 438

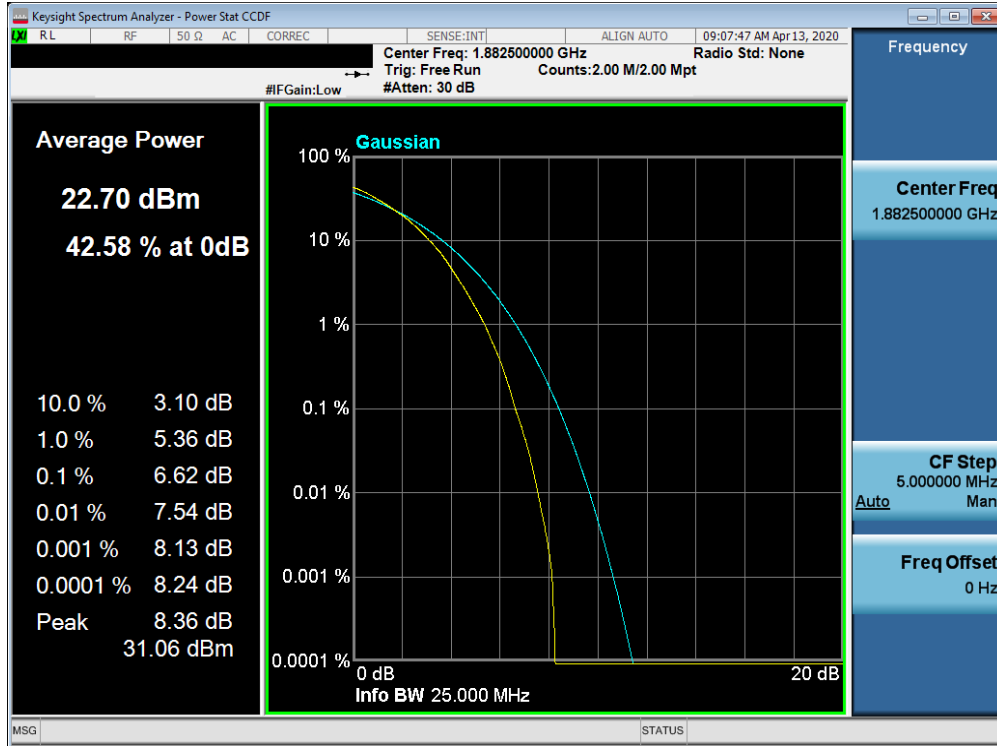


Plot 7-576. PAR Plot (Band 25/2 - 15.0MHz QPSK - Full RB Configuration)

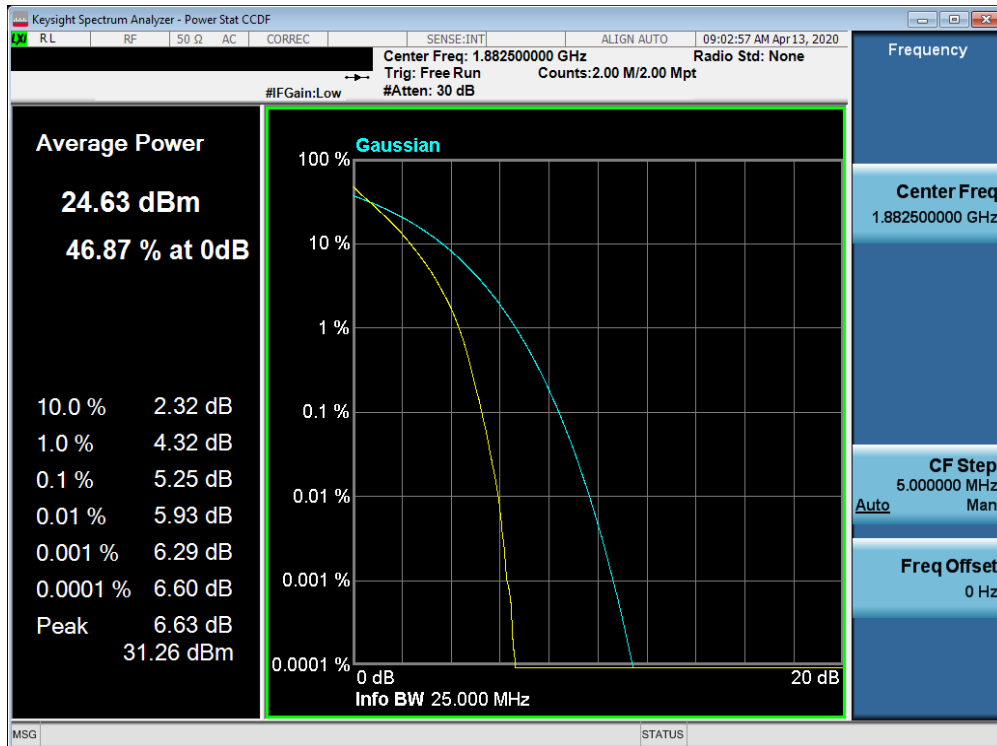


Plot 7-577. PAR Plot (Band 25/2 - 15.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 317 of 438

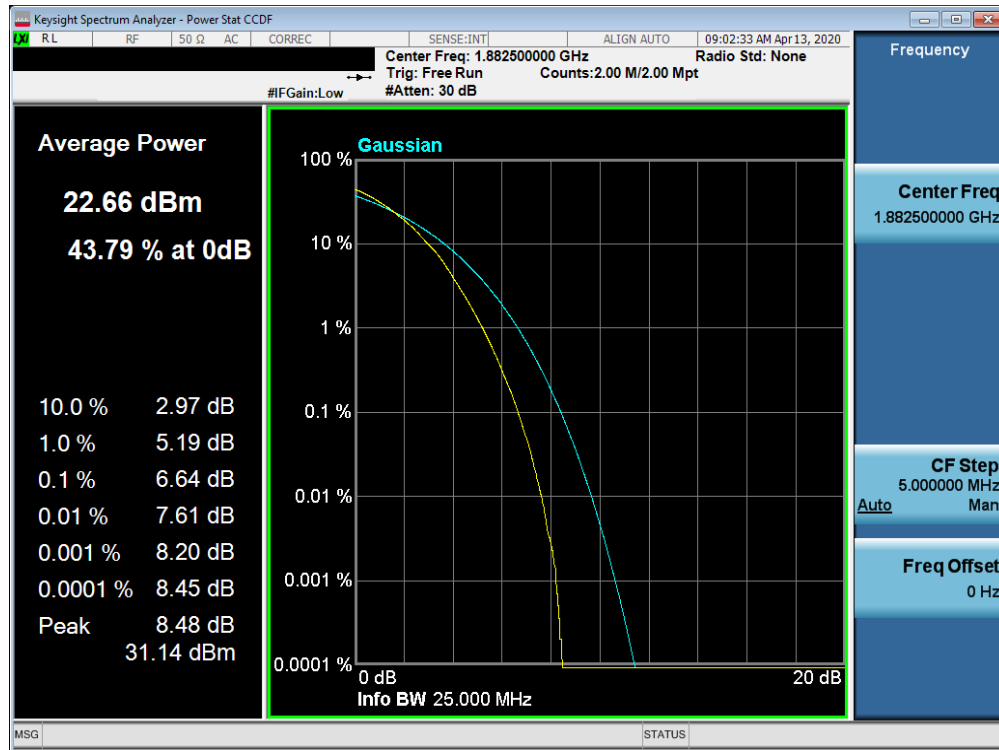


Plot 7-578. PAR Plot (Band 25/2 - 15.0MHz 64-QAM - Full RB Configuration)



Plot 7-579. PAR Plot (Band 25/2 - 20.0MHz QPSK - Full RB Configuration)

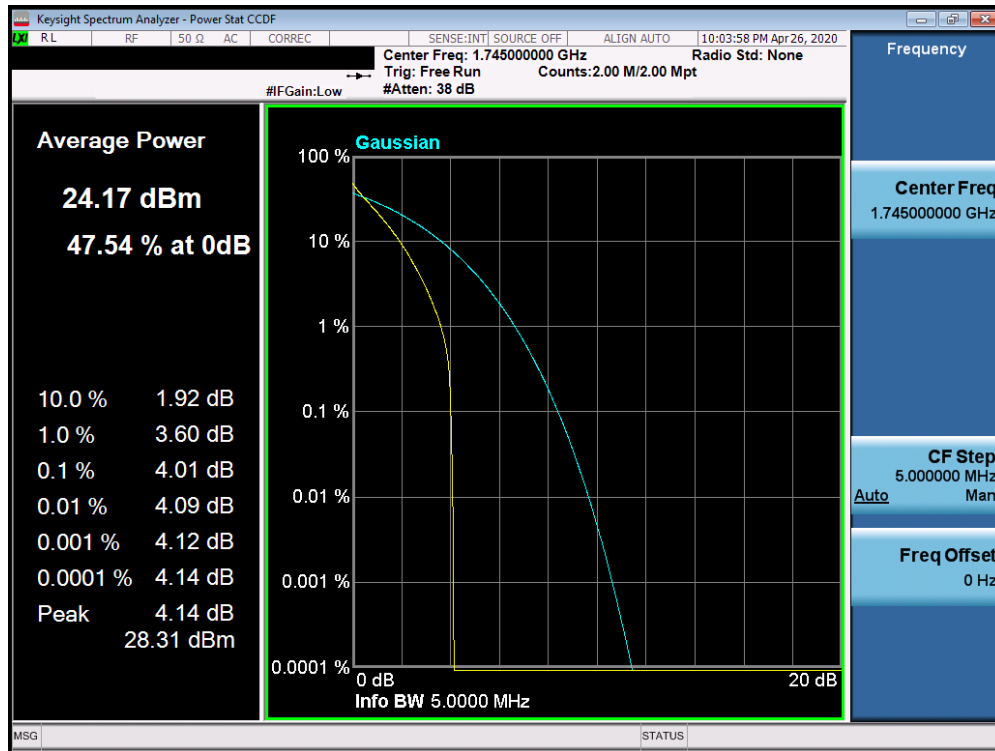
FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 318 of 438



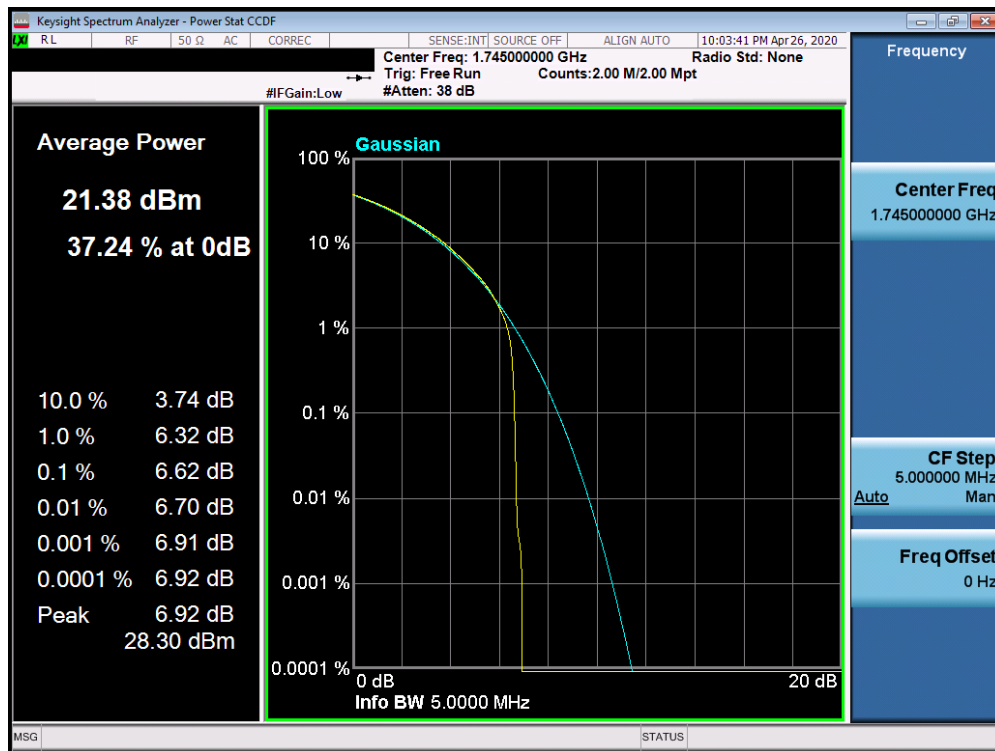
Plot 7-580. PAR Plot (Band 25/2 - 20.0MHz 64-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 319 of 438

5G sub6 n66/4

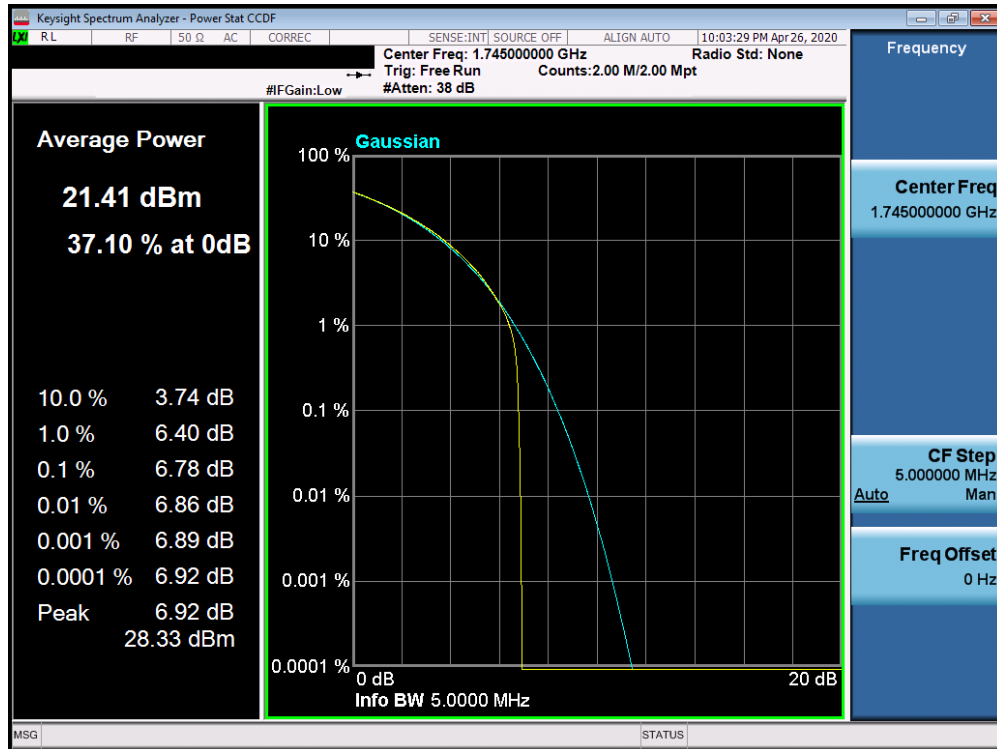


Plot 7-581. PAR Plot (5G sub6 n66/4 - 5.0MHz BPSK - Full RB Configuration)

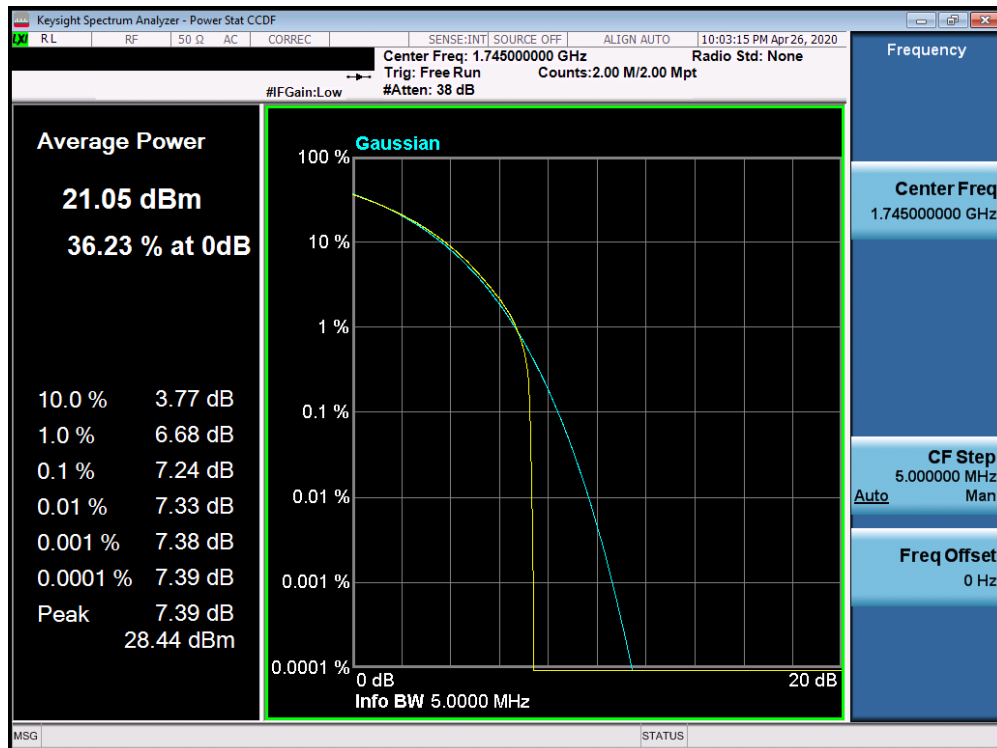


Plot 7-582. PAR Plot (5G sub6 n66/4 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 320 of 438

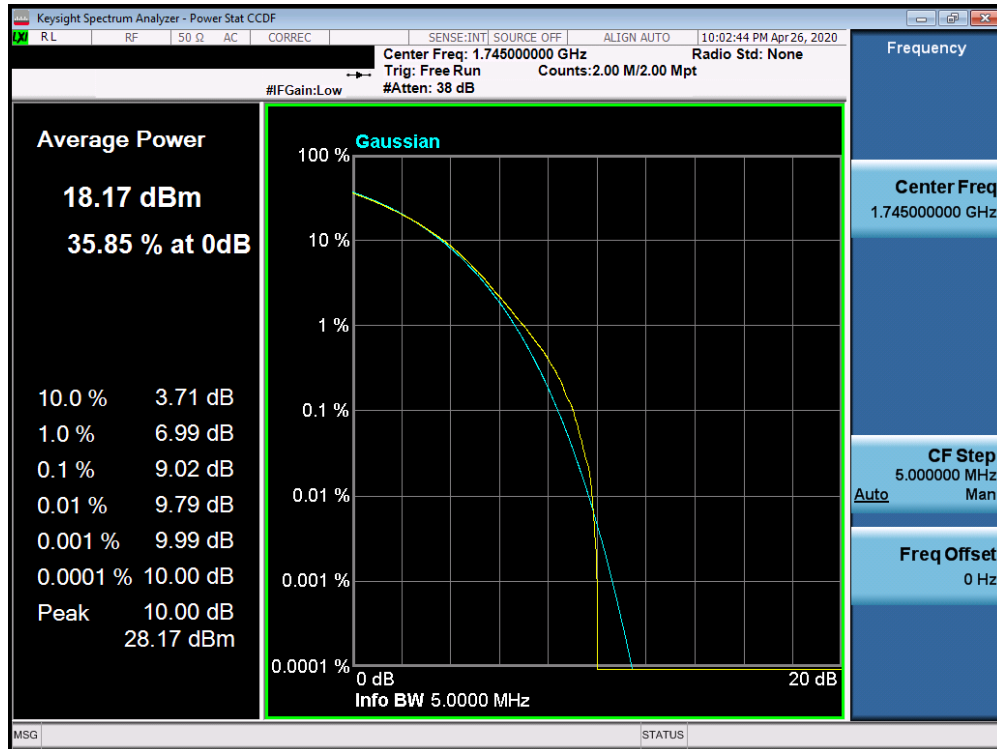


Plot 7-583. PAR Plot (5G sub6 n66/4 - 5.0MHz 16-QAM - Full RB Configuration)

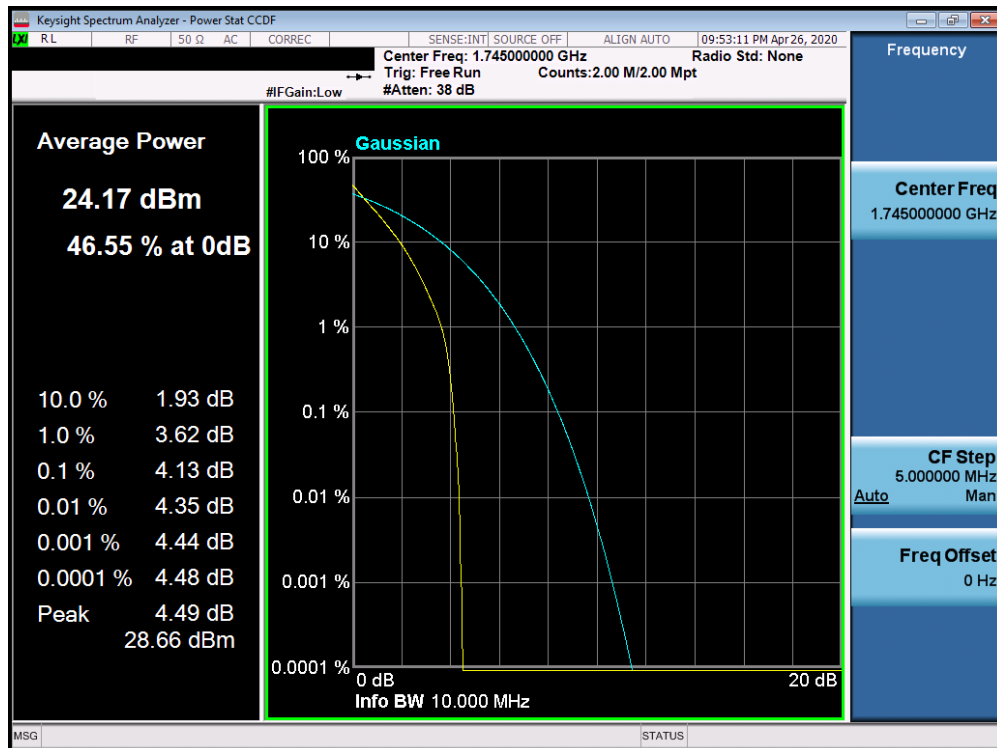


Plot 7-584. PAR Plot (5G sub6 n66/4 - 5.0MHz 64-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 321 of 438

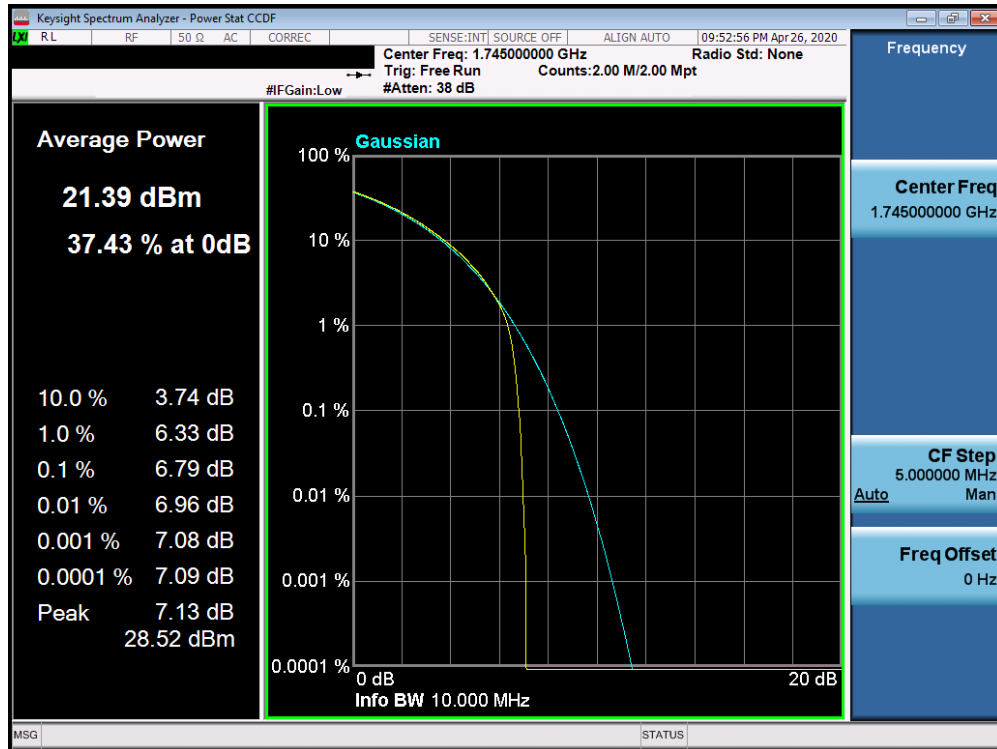


Plot 7-585. PAR Plot (5G sub6 n66/4 - 5.0MHz 256-QAM - Full RB Configuration)

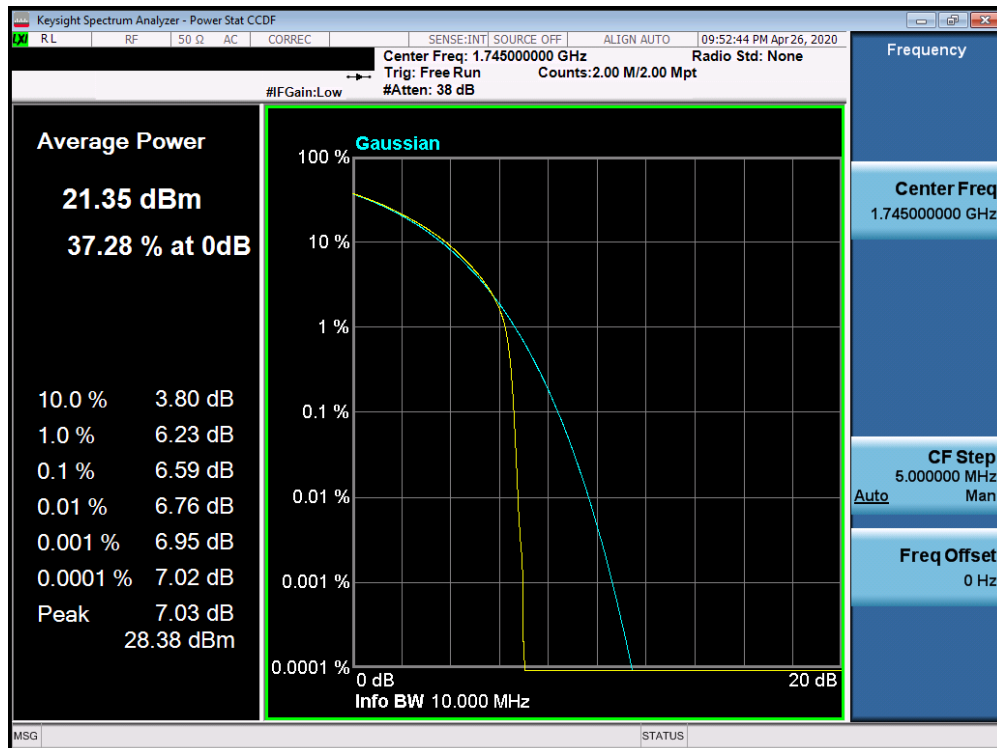


Plot 7-586. PAR Plot (5G sub6 n66/4 - 10.0MHz BPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 322 of 438

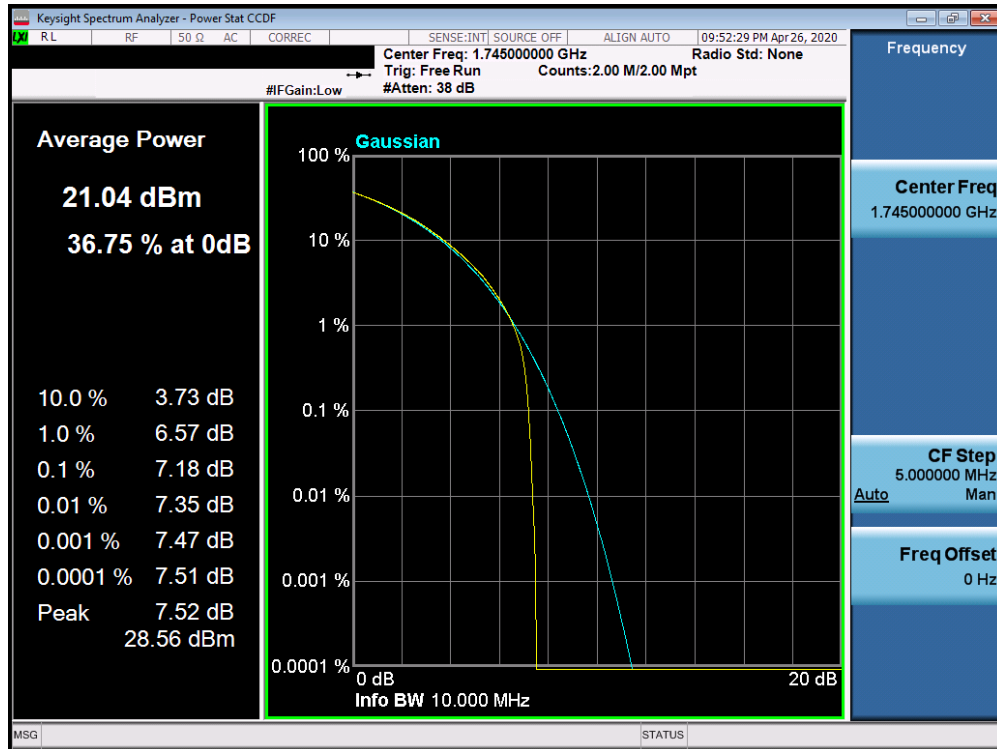


Plot 7-587. PAR Plot (5G sub6 n66/4 - 10.0MHz QPSK - Full RB Configuration)

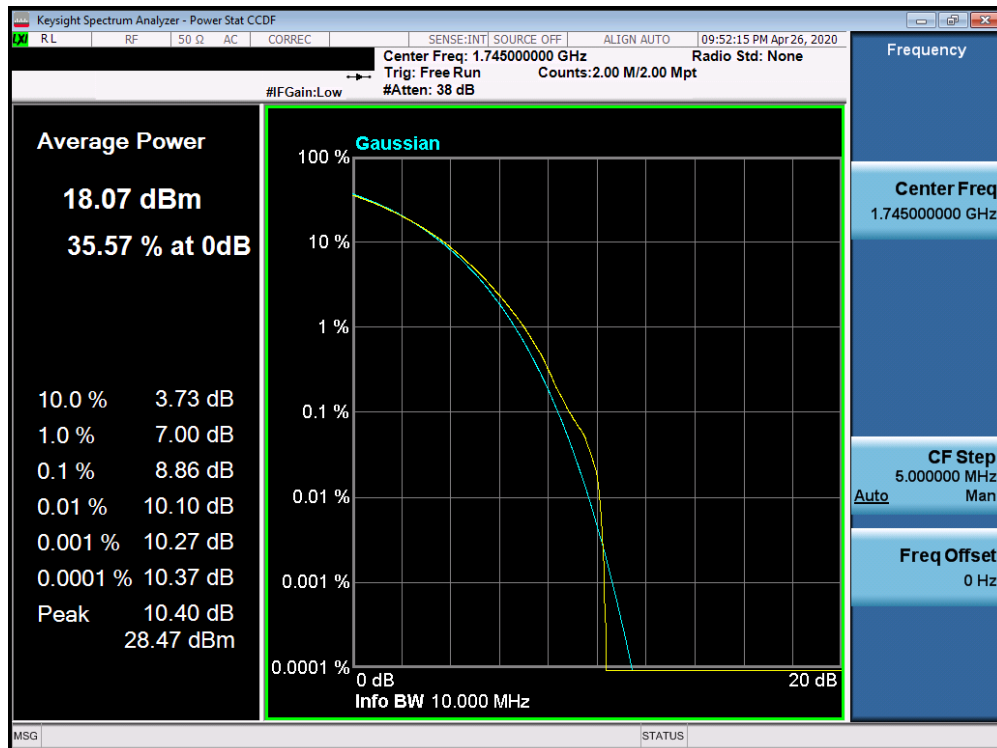


Plot 7-588. PAR Plot (5G sub6 n66/4 - 10.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 323 of 438

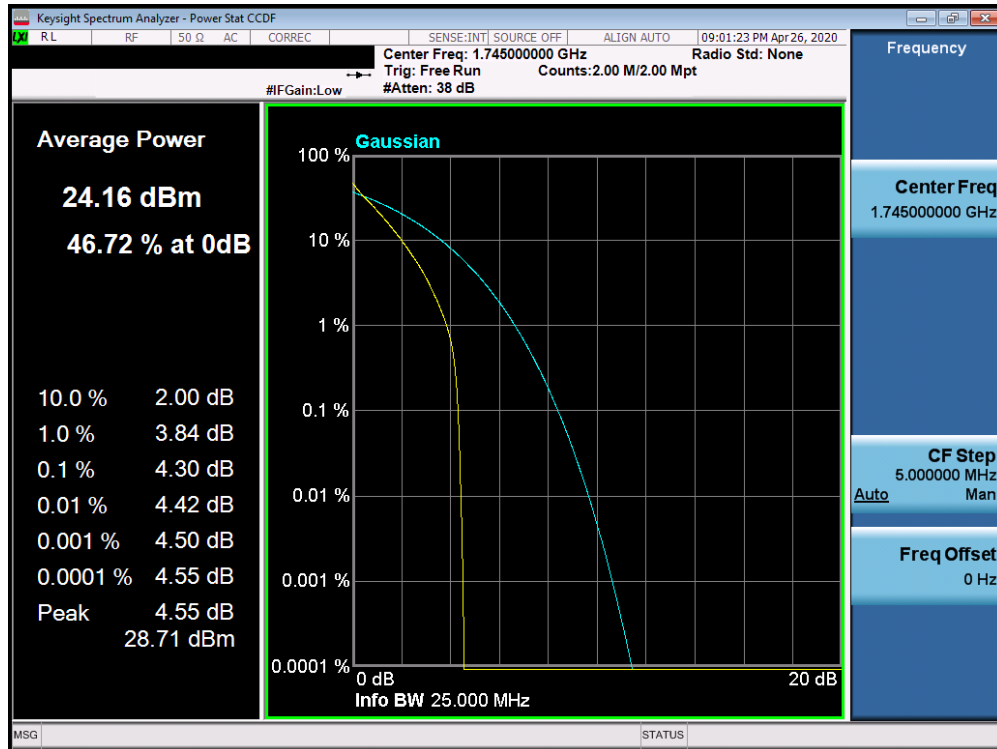


Plot 7-589. PAR Plot (5G sub6 n66/4 - 10.0MHz 64-QAM - Full RB Configuration)

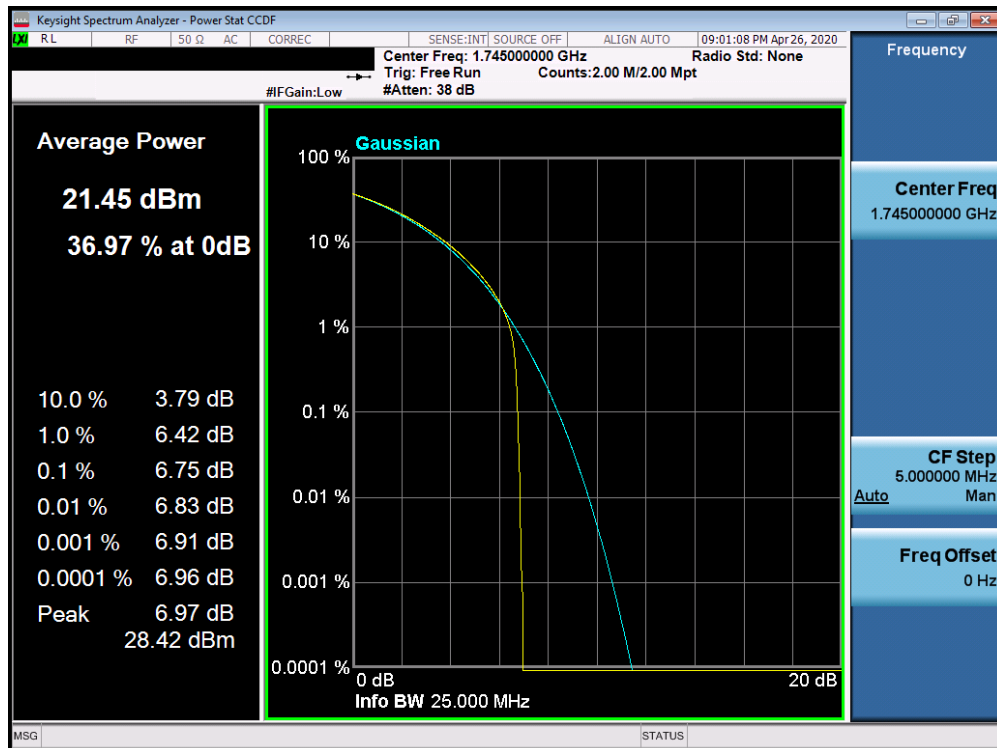


Plot 7-590. PAR Plot (5G sub6 n66/4 - 10.0MHz 256-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 324 of 438

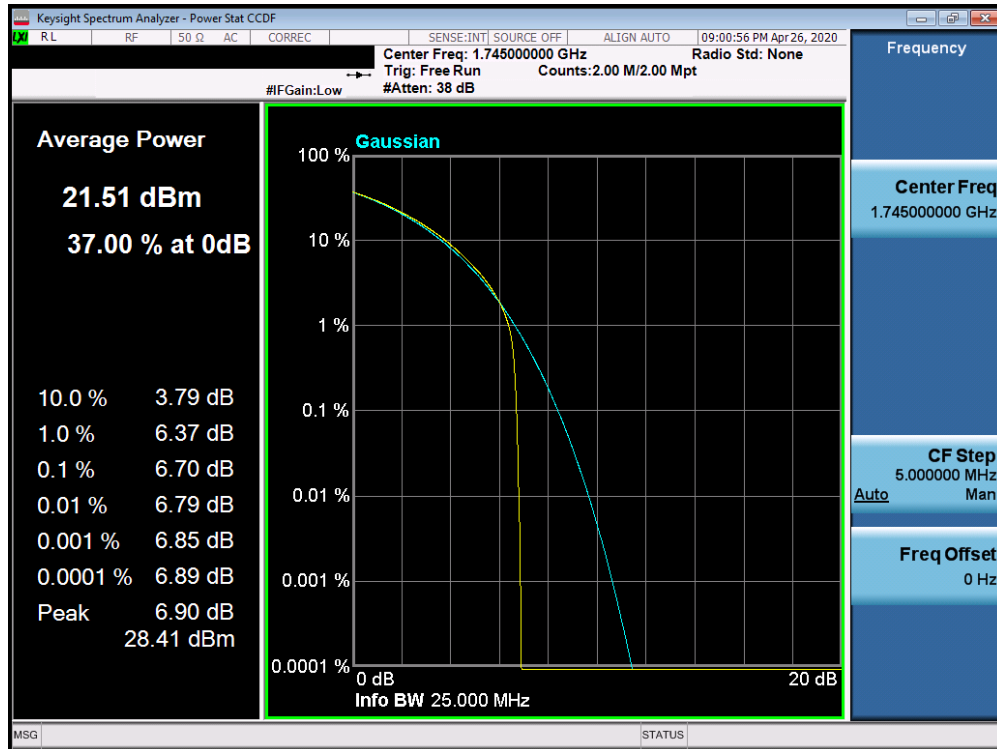


Plot 7-591. PAR Plot (5G sub6 n66/4 - 15.0MHz BPSK - Full RB Configuration)

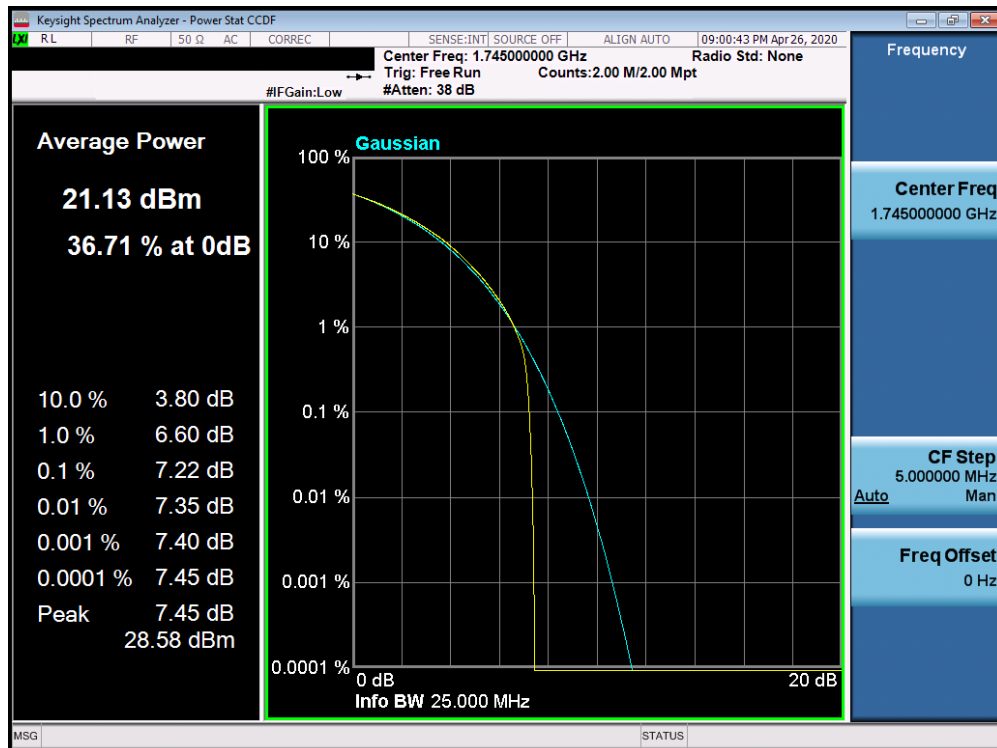


Plot 7-592. PAR Plot (5G sub6 n66/4 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 325 of 438

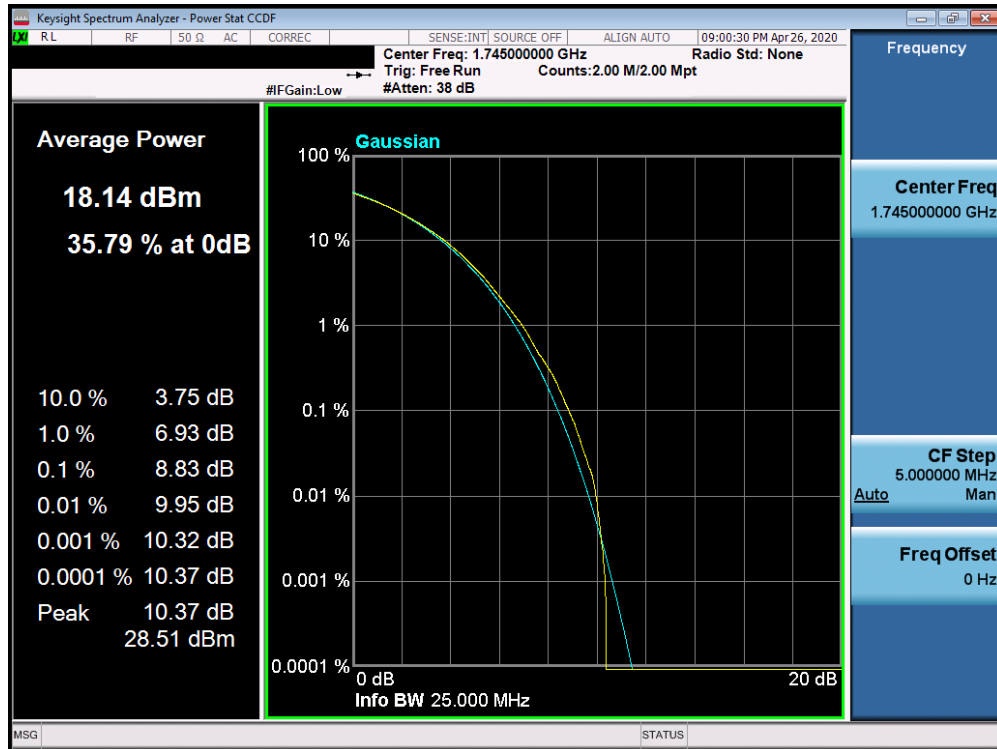


Plot 7-593. PAR Plot (5G sub6 n66/4 - 15.0MHz 16-QAM - Full RB Configuration)

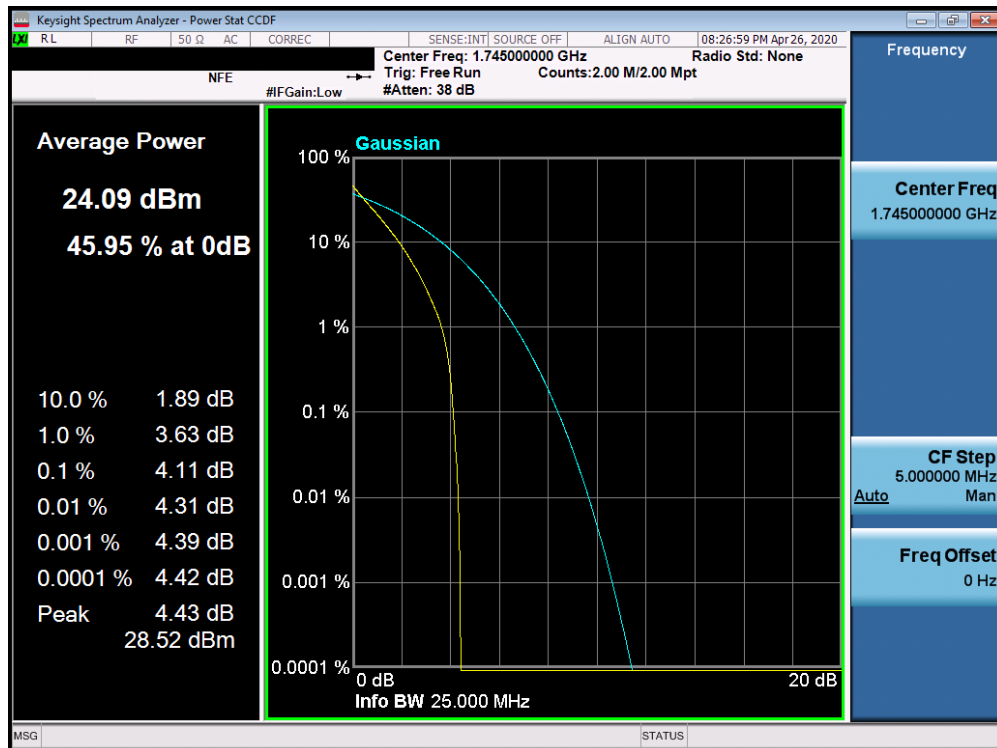


Plot 7-594. PAR Plot (5G sub6 n66/4 - 15.0MHz 64-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 326 of 438

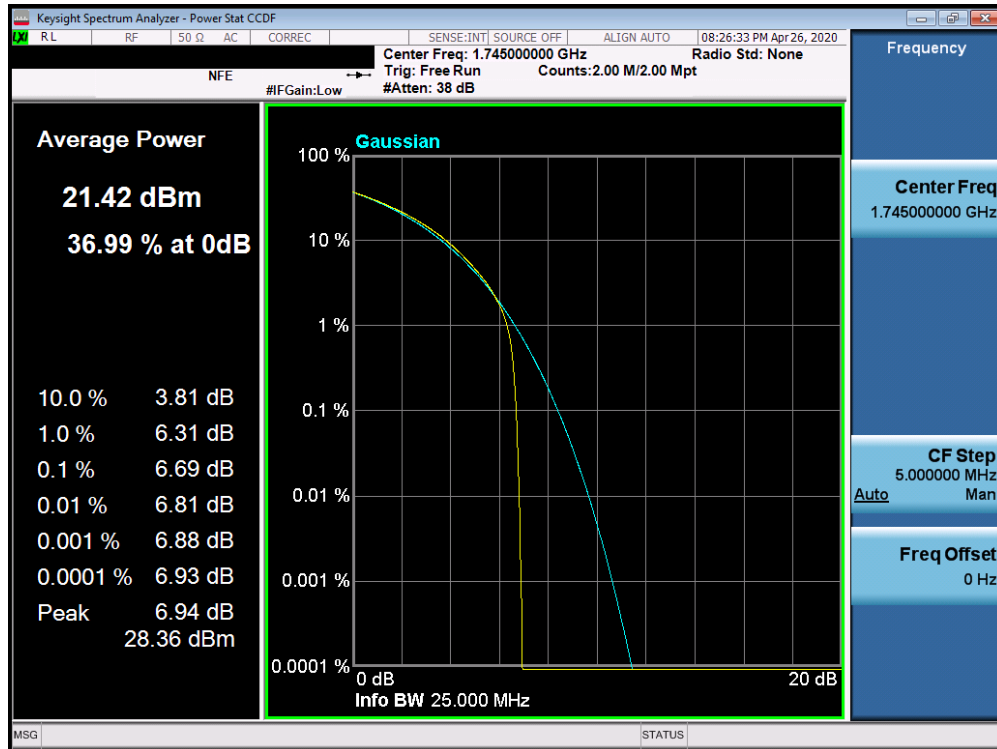


Plot 7-595. PAR Plot (5G sub6 n66/4 - 15.0MHz 256-QAM - Full RB Configuration)

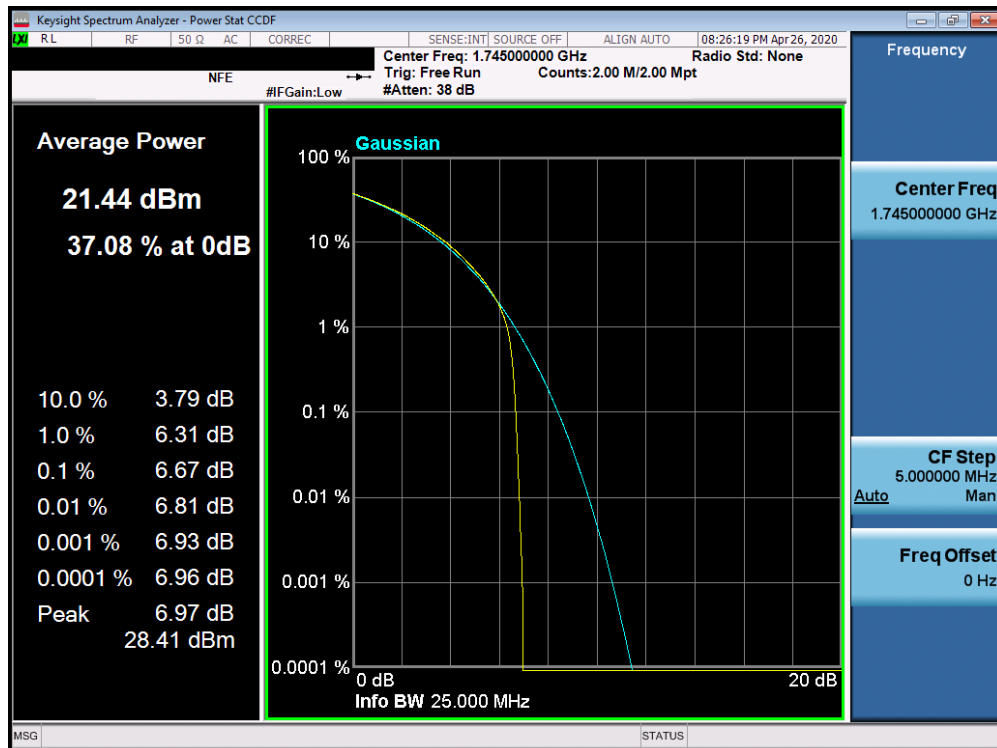


Plot 7-596. PAR Plot (5G sub6 n66/4 - 20.0MHz BPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 327 of 438

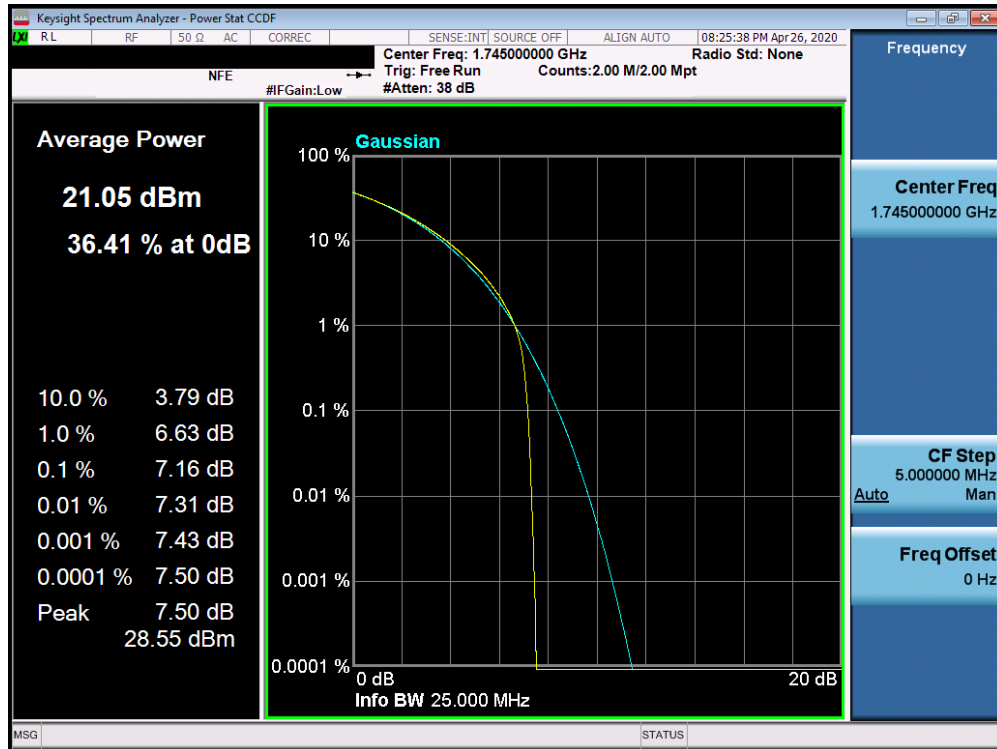


Plot 7-597. PAR Plot (5G sub6 n66/4 - 20.0MHz QPSK - Full RB Configuration)

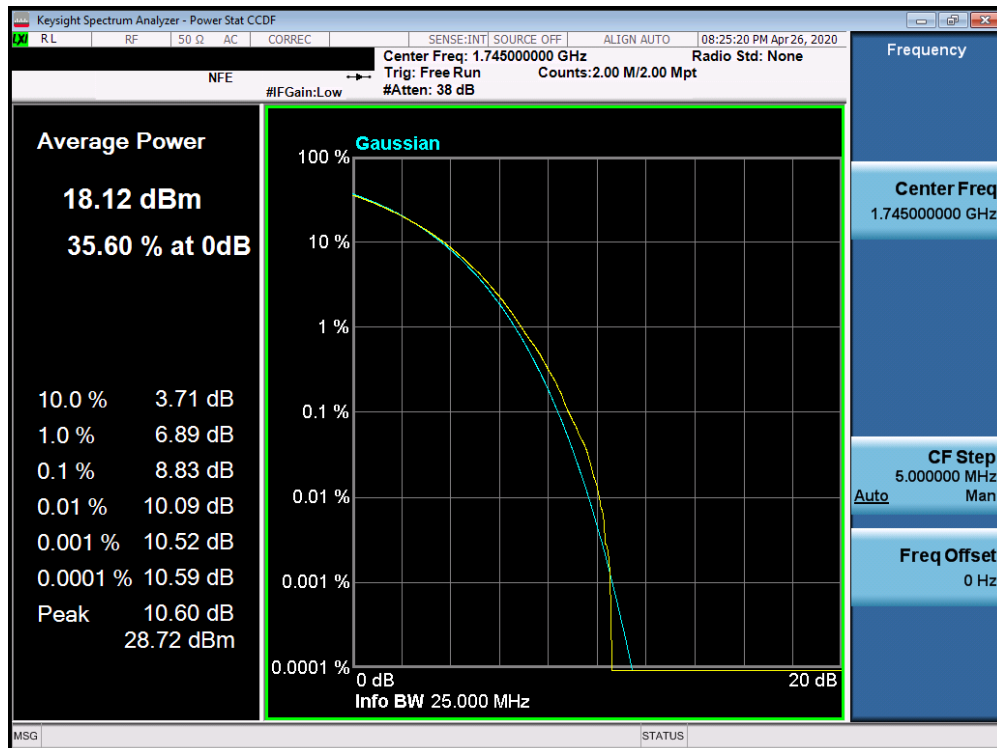


Plot 7-598. PAR Plot (5G sub6 n66/4 - 20.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 328 of 438



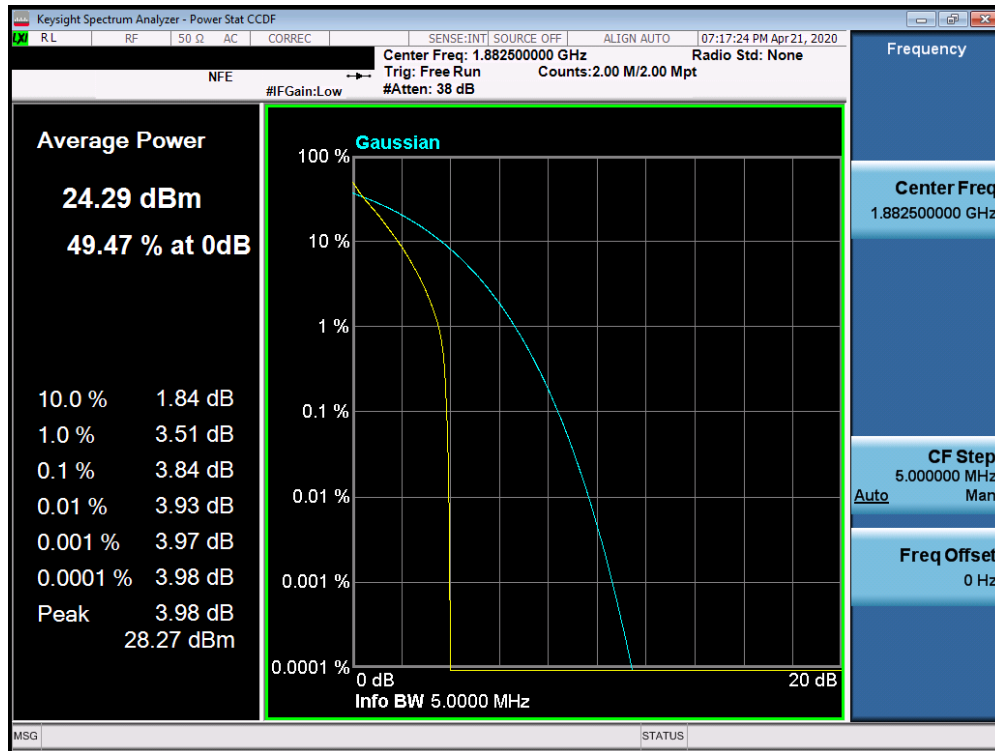
Plot 7-599. PAR Plot (5G sub6 n66/4 - 20.0MHz 64-QAM - Full RB Configuration)



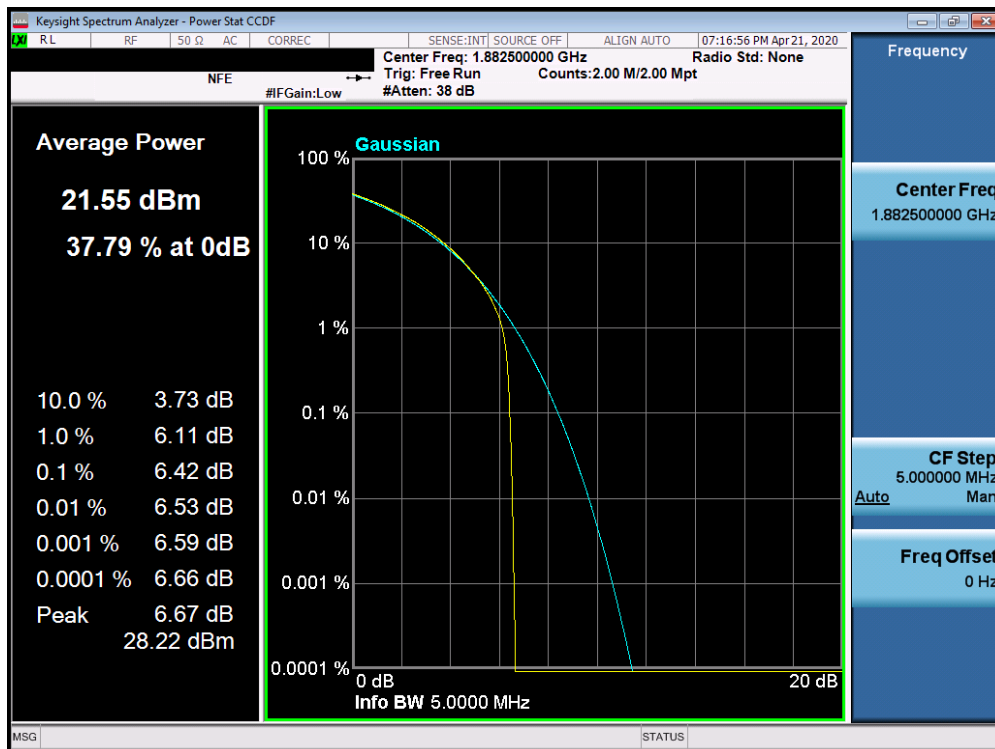
Plot 7-600. PAR Plot (5G sub6 n66/4 - 20.0MHz 256-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 329 of 438

5G sub6 n25/2

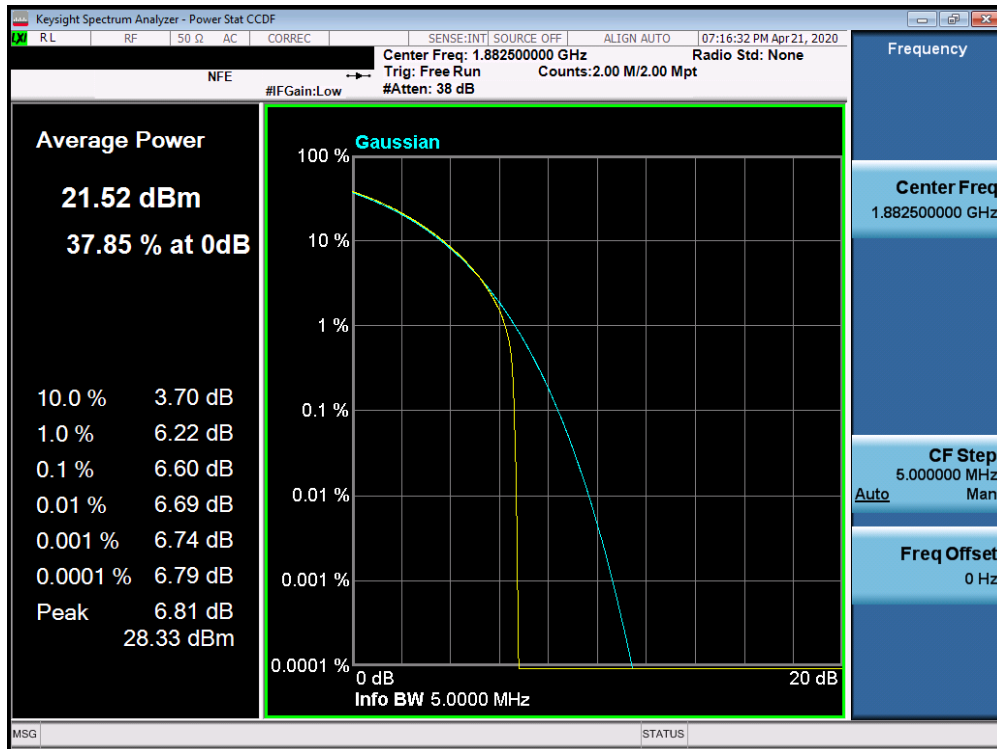


Plot 7-601. PAR Plot (5G sub6 n25/2 - 5.0MHz BPSK - Full RB Configuration)

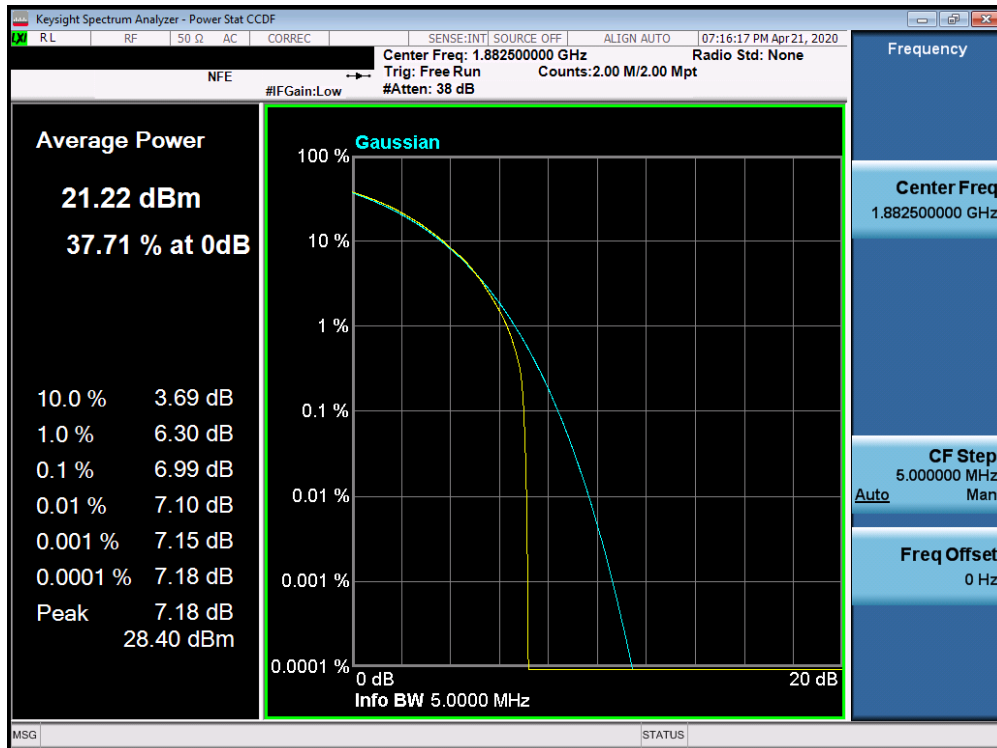


Plot 7-602. PAR Plot (5G sub6 n25/2 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 330 of 438

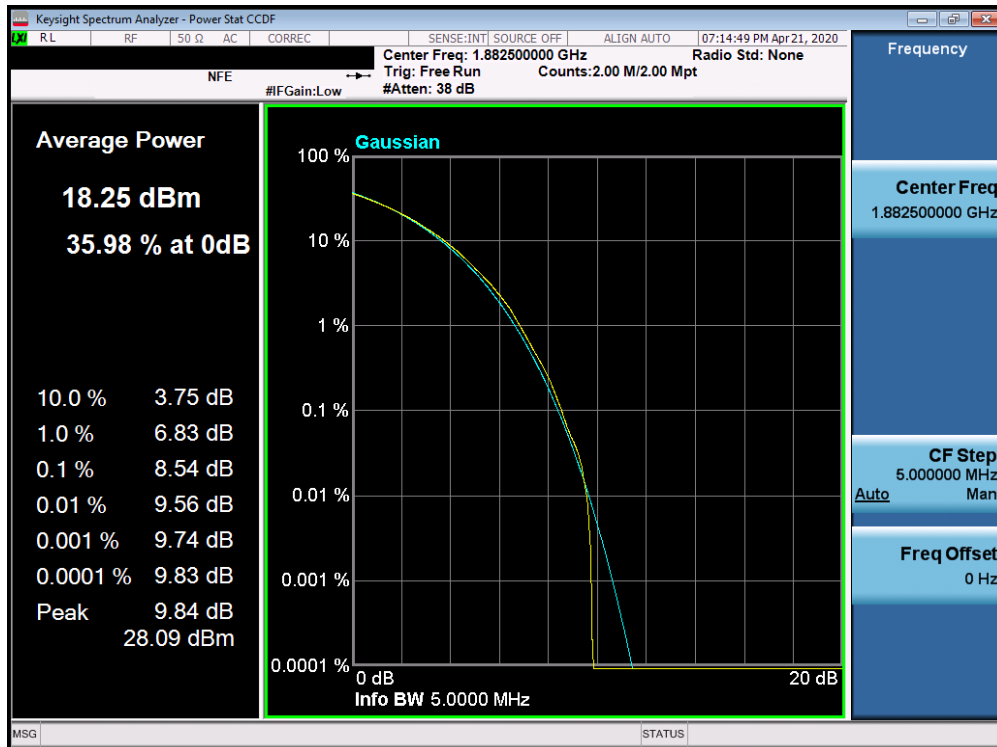


Plot 7-603. PAR Plot (5G sub6 n25/2 - 5.0MHz 16-QAM - Full RB Configuration)

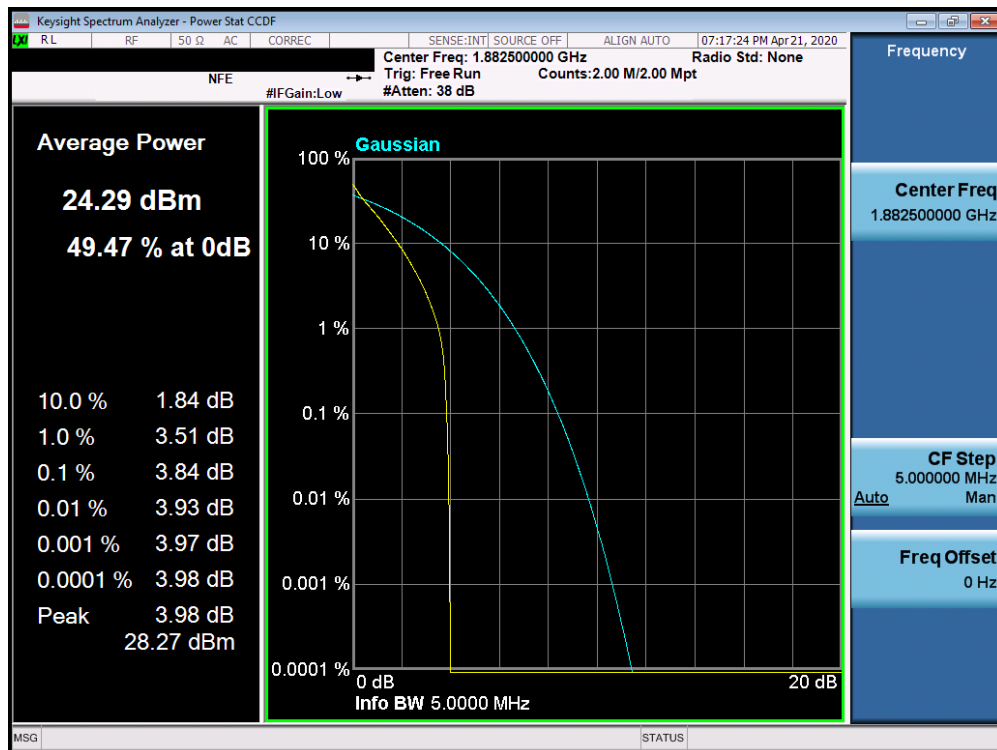


Plot 7-604. PAR Plot (5G sub6 n25/2 - 5.0MHz 64-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 331 of 438

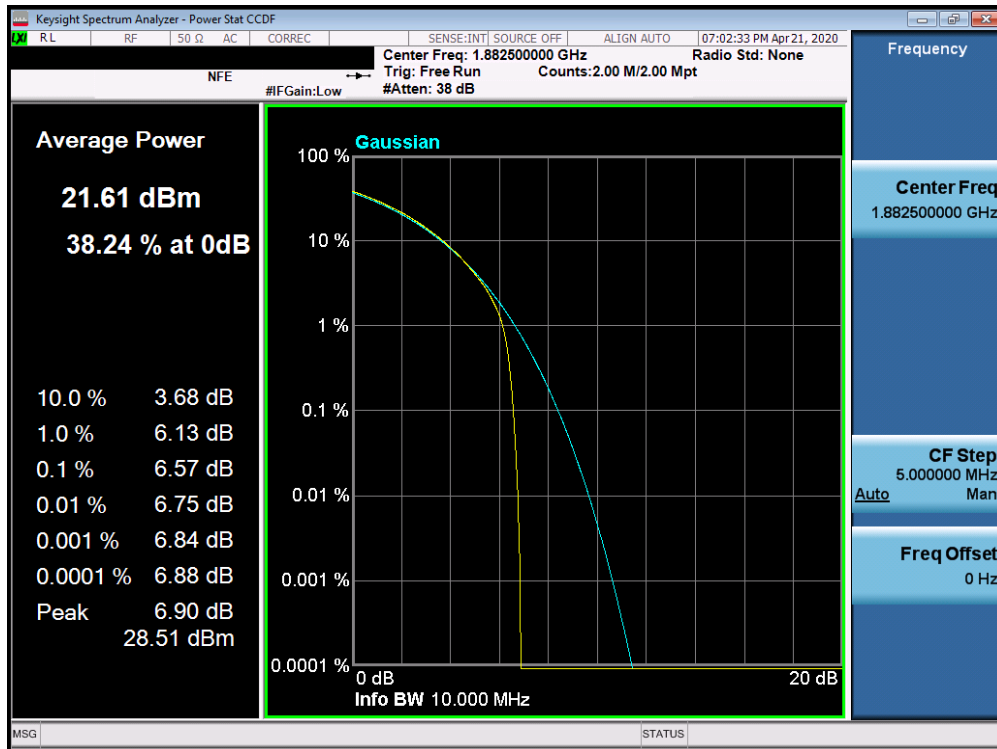


Plot 7-605. PAR Plot (5G sub6 n25/2 - 5.0MHz 256-QAM - Full RB Configuration)

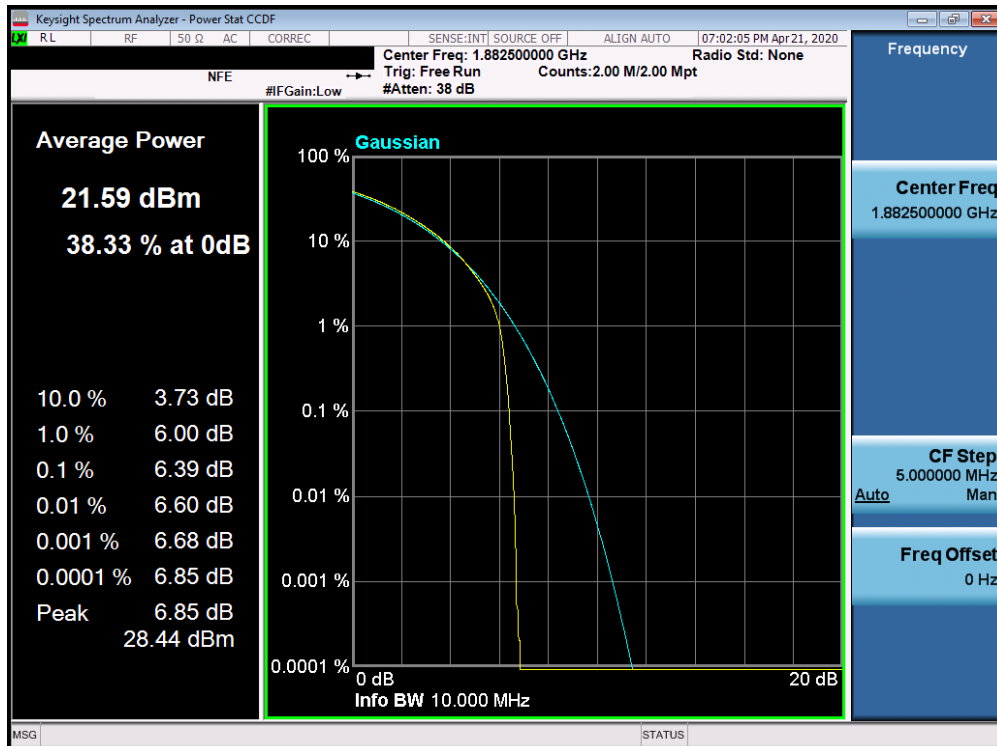


Plot 7-606. PAR Plot (5G sub6 n25/2 - 10.0MHz BPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 332 of 438

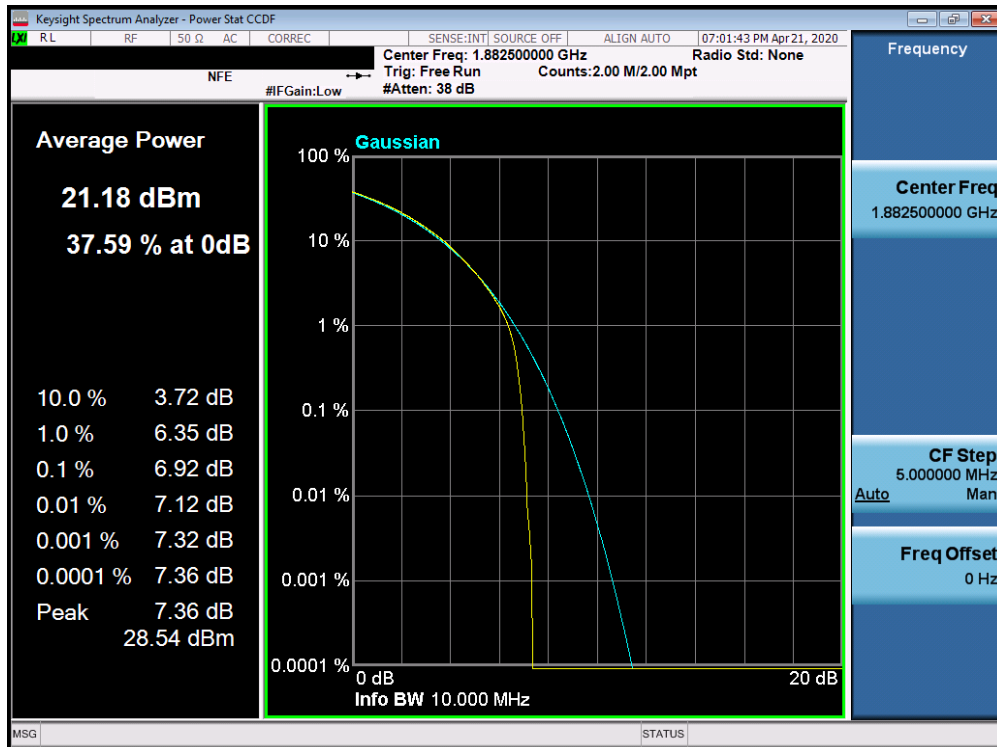


Plot 7-607. PAR Plot (5G sub6 n25/2 - 10.0MHz QPSK - Full RB Configuration)

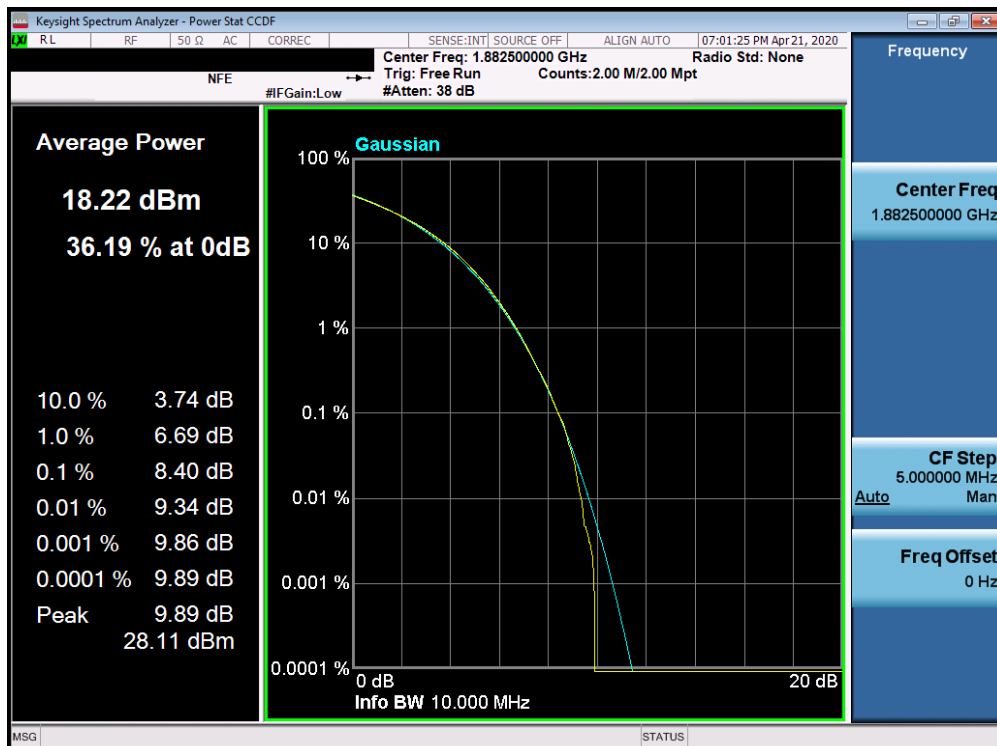


Plot 7-608. PAR Plot (5G sub6 n25/2 - 10.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 333 of 438

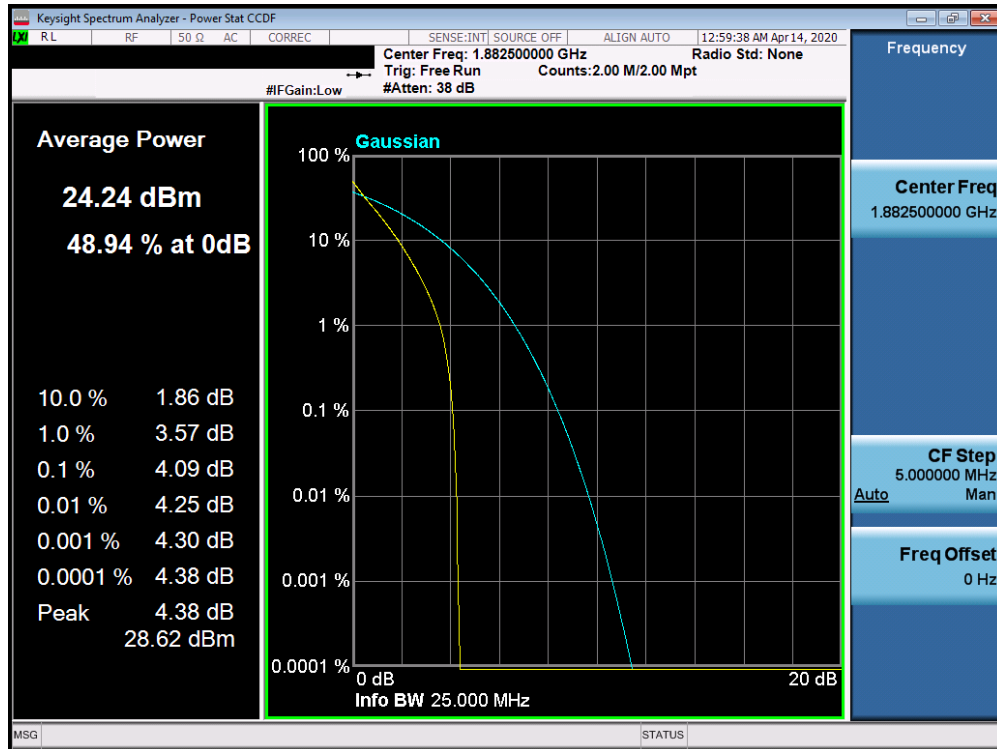


Plot 7-609. PAR Plot (5G sub6 n25/2 - 10.0MHz 64-QAM - Full RB Configuration)

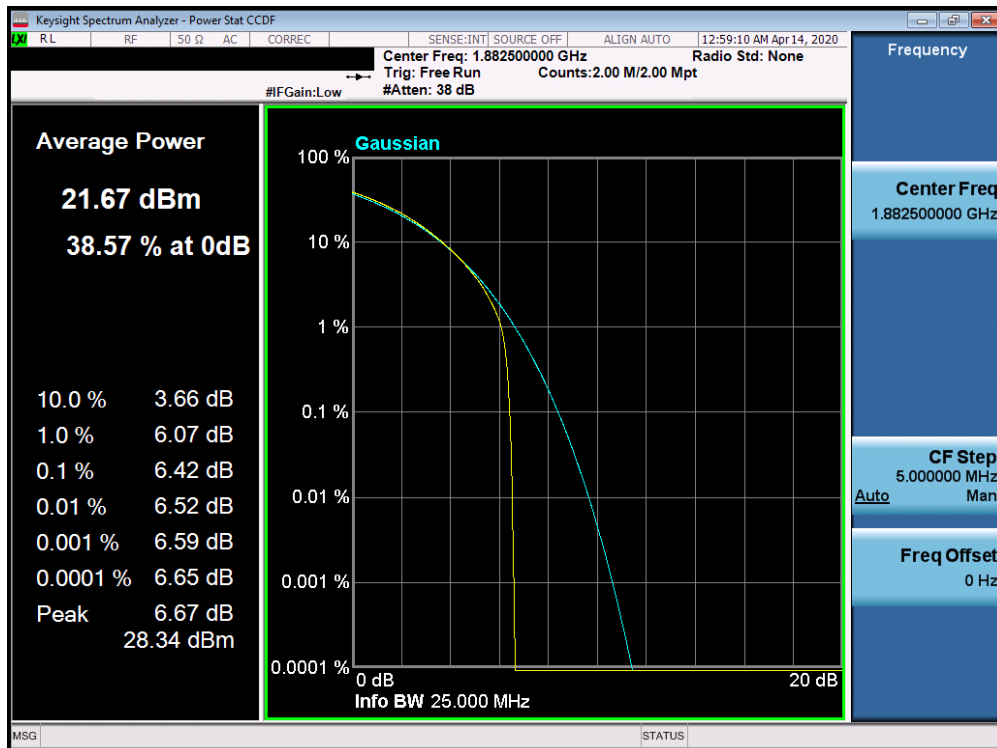


Plot 7-610. PAR Plot (5G sub6 n25/2 - 10.0MHz 256-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 334 of 438

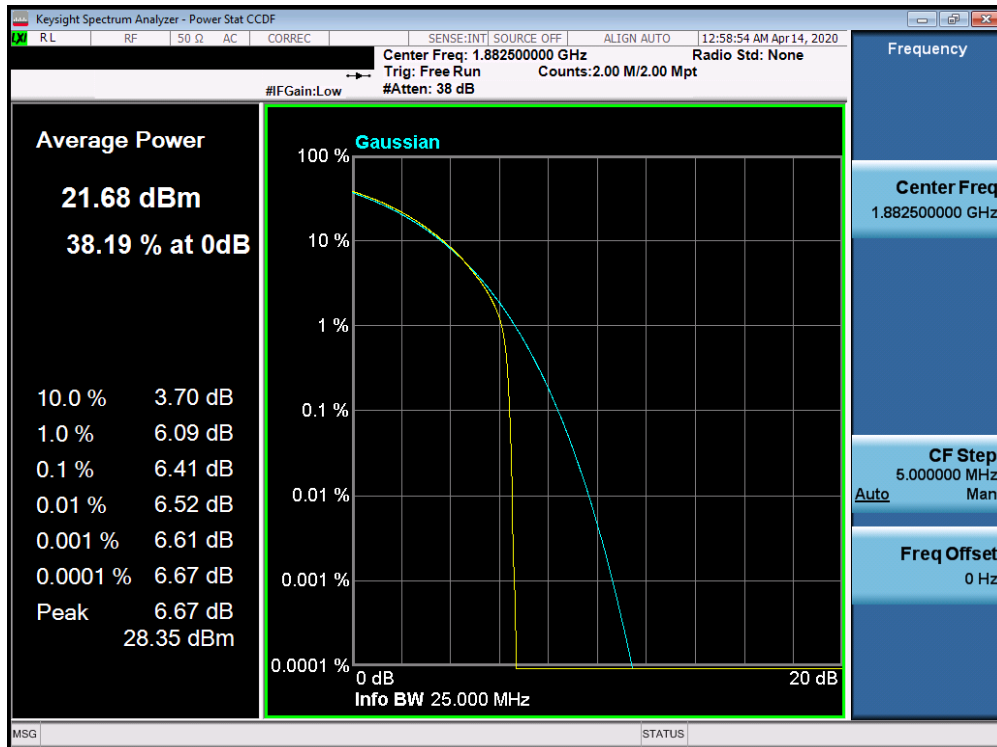


Plot 7-611. PAR Plot (5G sub6 n25/2 - 15.0MHz BPSK - Full RB Configuration)

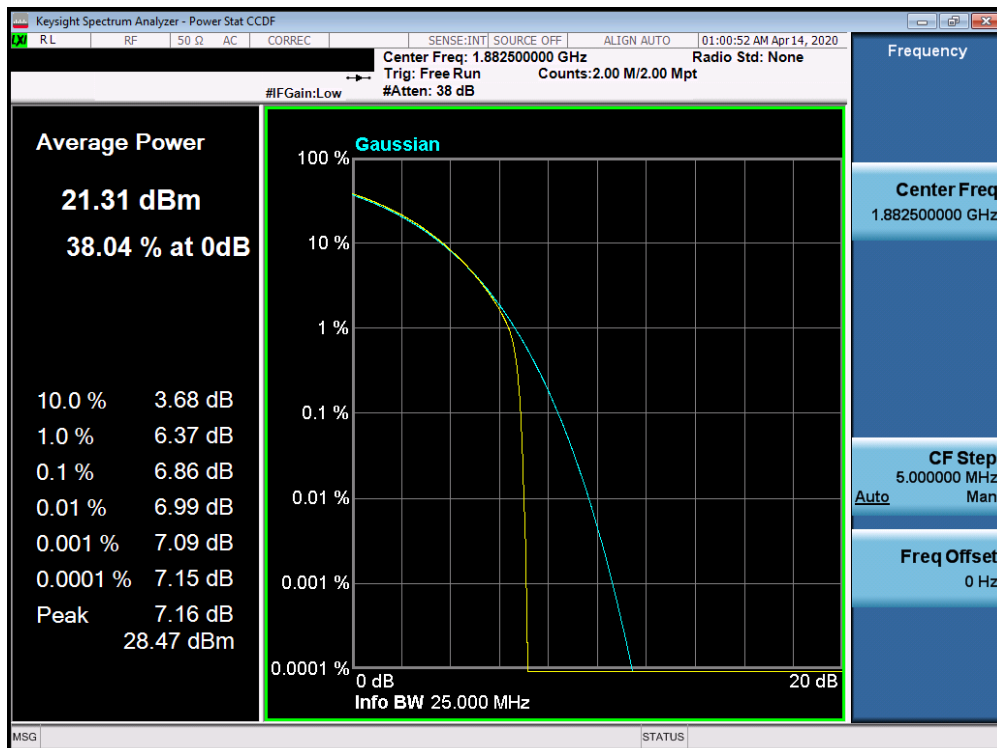


Plot 7-612. PAR Plot (5G sub6 n25/2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 335 of 438

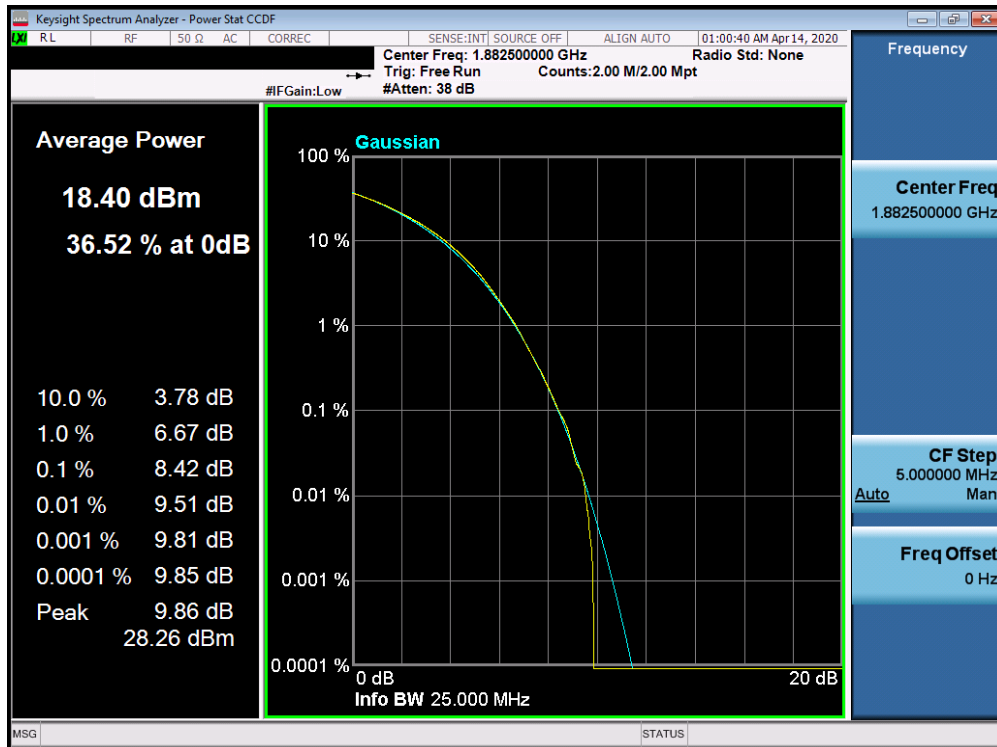


Plot 7-613. PAR Plot (5G sub6 n25/2 - 15.0MHz 16-QAM - Full RB Configuration)

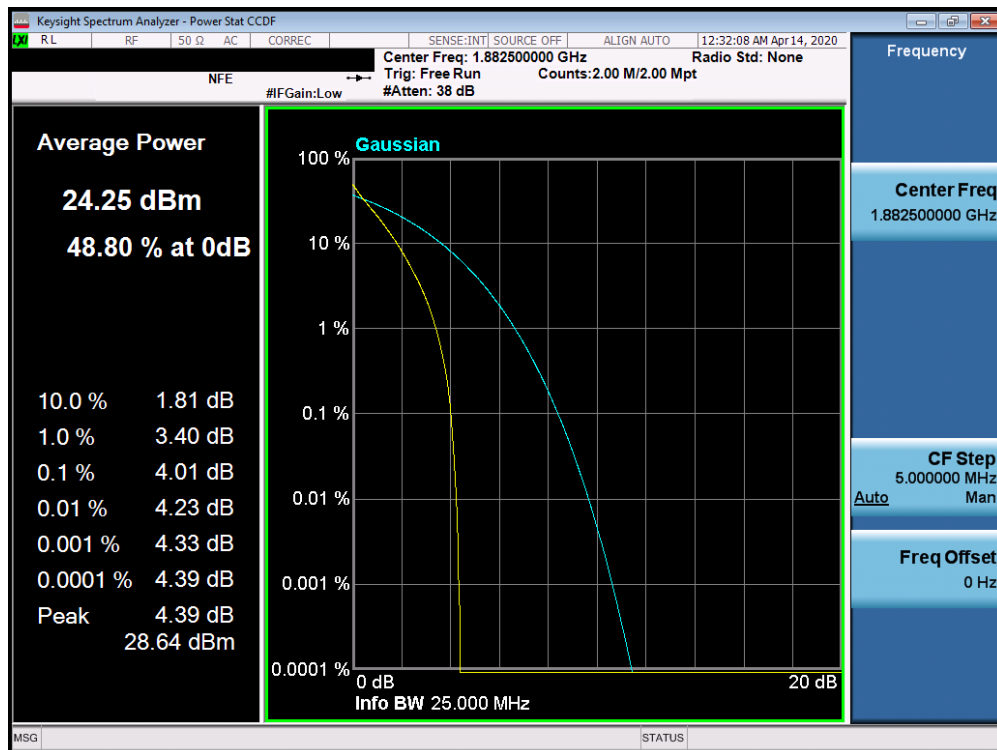


Plot 7-614. PAR Plot (5G sub6 n25/2 - 15.0MHz 64-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 336 of 438

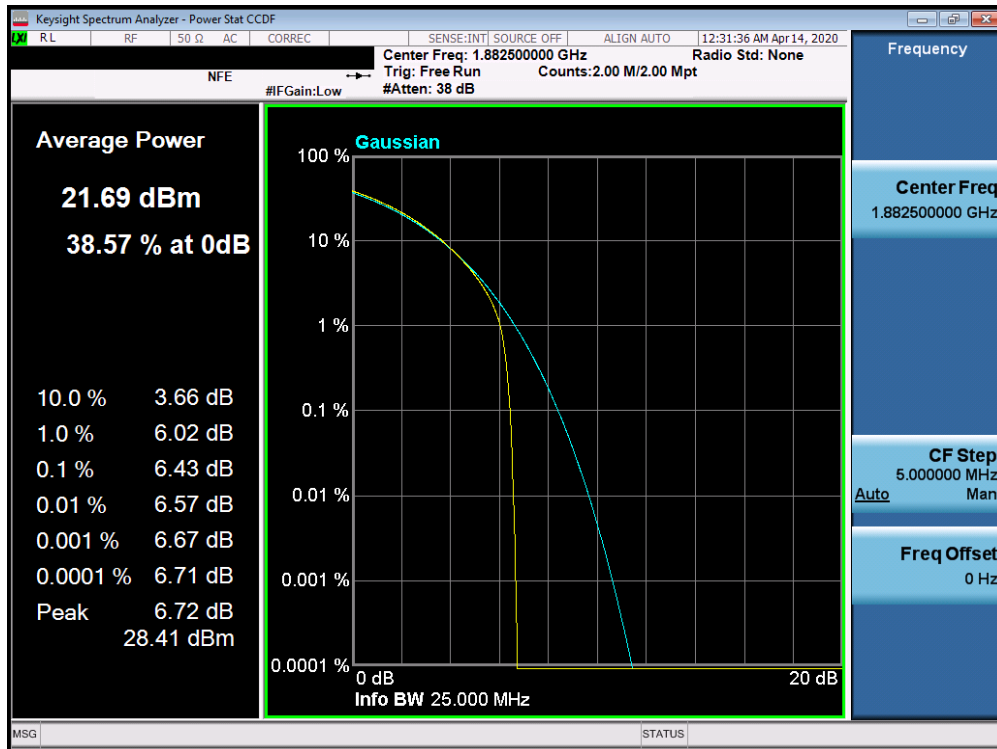


Plot 7-615. PAR Plot (5G sub6 n25/2 - 15.0MHz 256-QAM - Full RB Configuration)

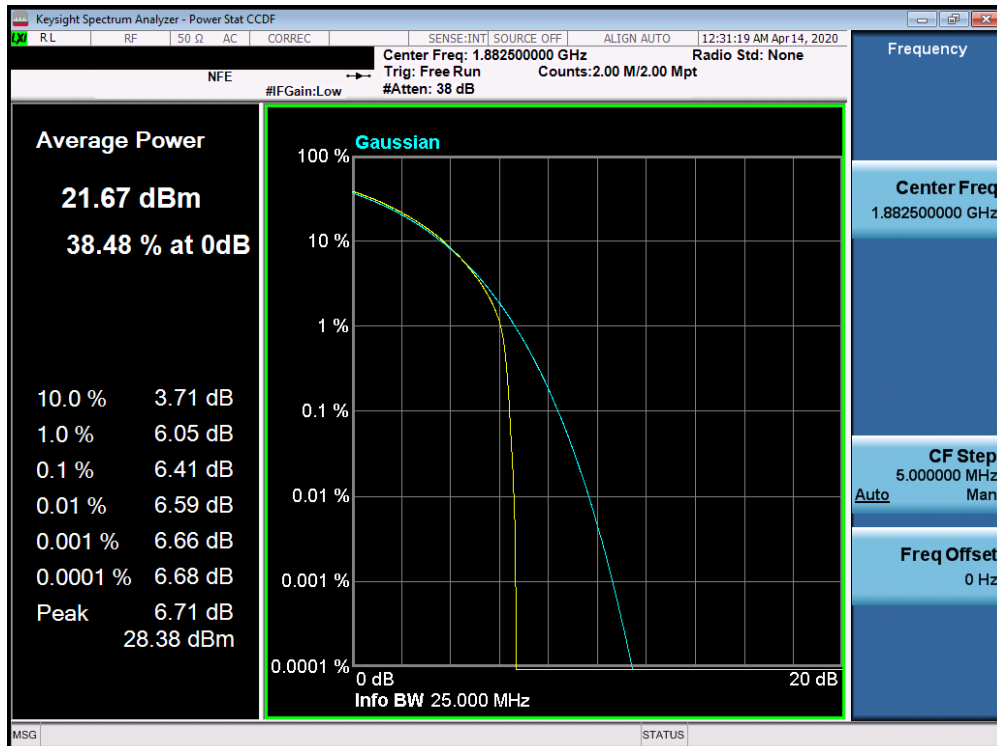


Plot 7-616. PAR Plot (5G sub6 n25/2 - 20.0MHz BPSK - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 337 of 438



Plot 7-617. PAR Plot (5G sub6 n25/2 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-618. PAR Plot (5G sub6 n25/2 - 20.0MHz 16-QAM - Full RB Configuration)

FCC ID: ZNFG900UM	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	LG	Approved by: Quality Manager
Test Report S/N: 1M2003200048-03.ZNF	Test Dates: 3/23-5/29/2020	EUT Type: Portable Handset		Page 338 of 438