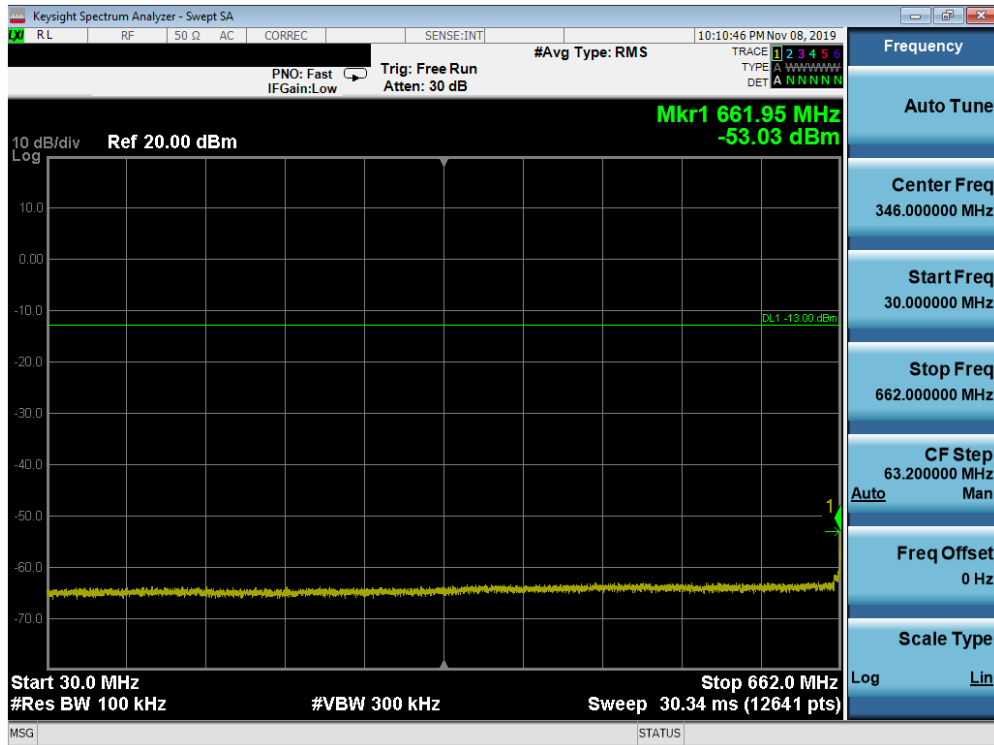
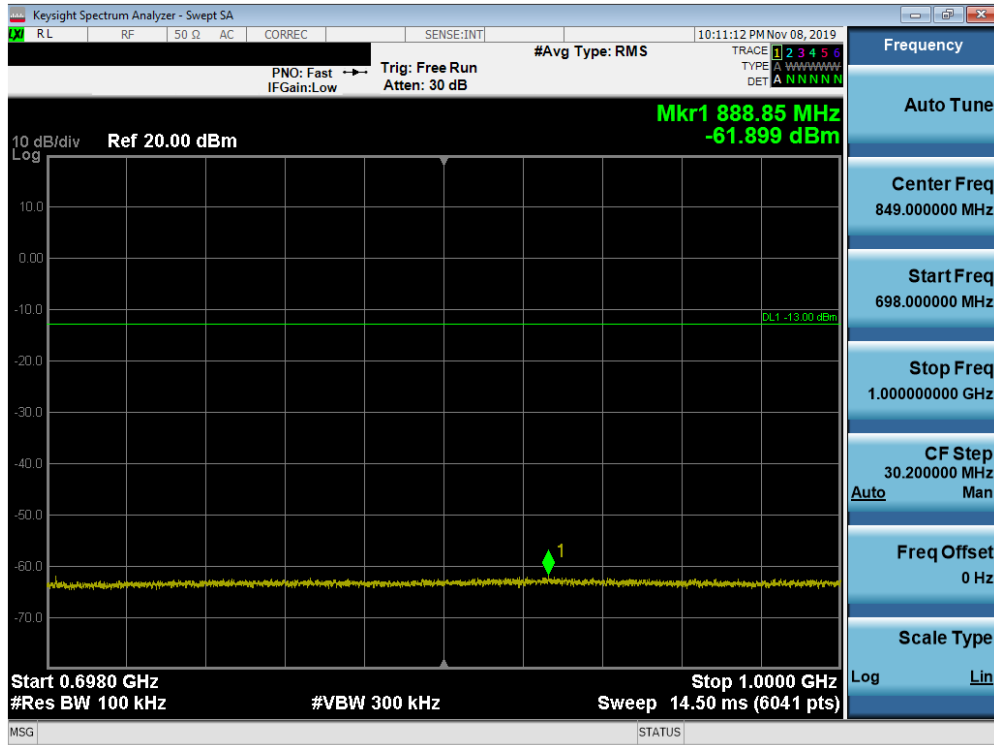


NR Band n71

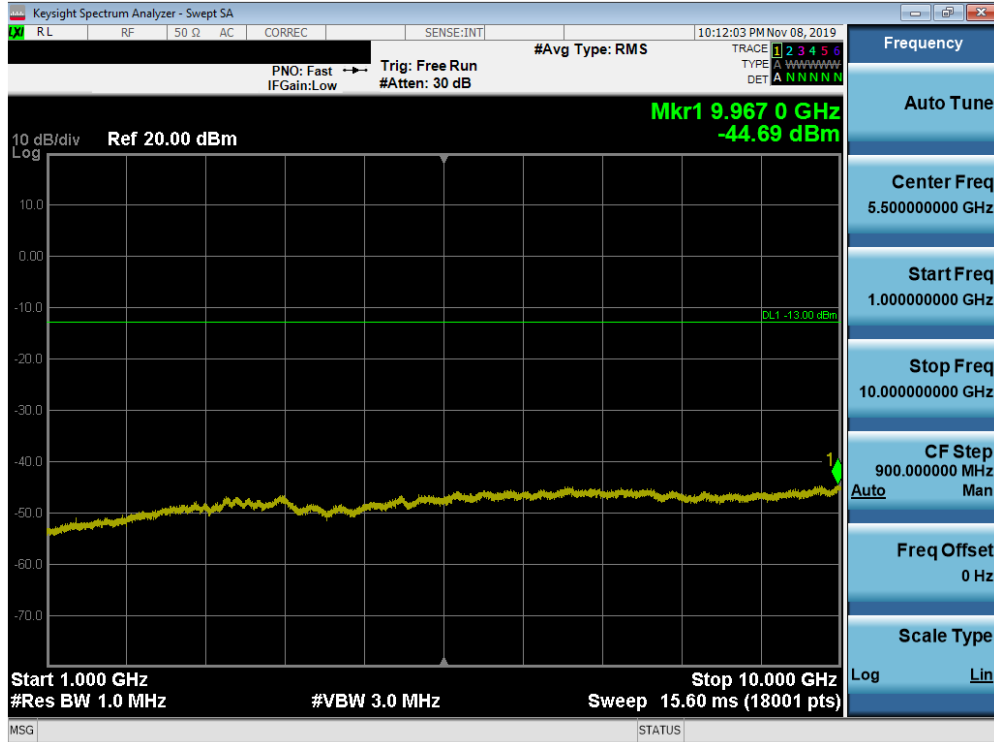


Plot 7-624. Conducted Spurious Plot (n71 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

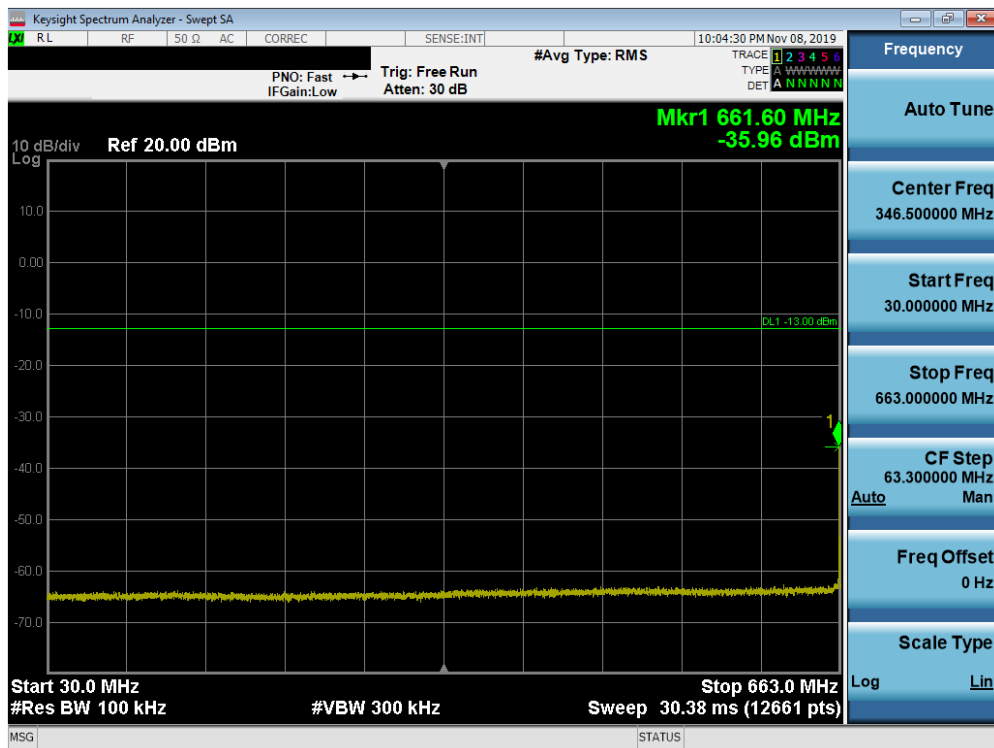


Plot 7-625. Conducted Spurious Plot (n71 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 405 of 495

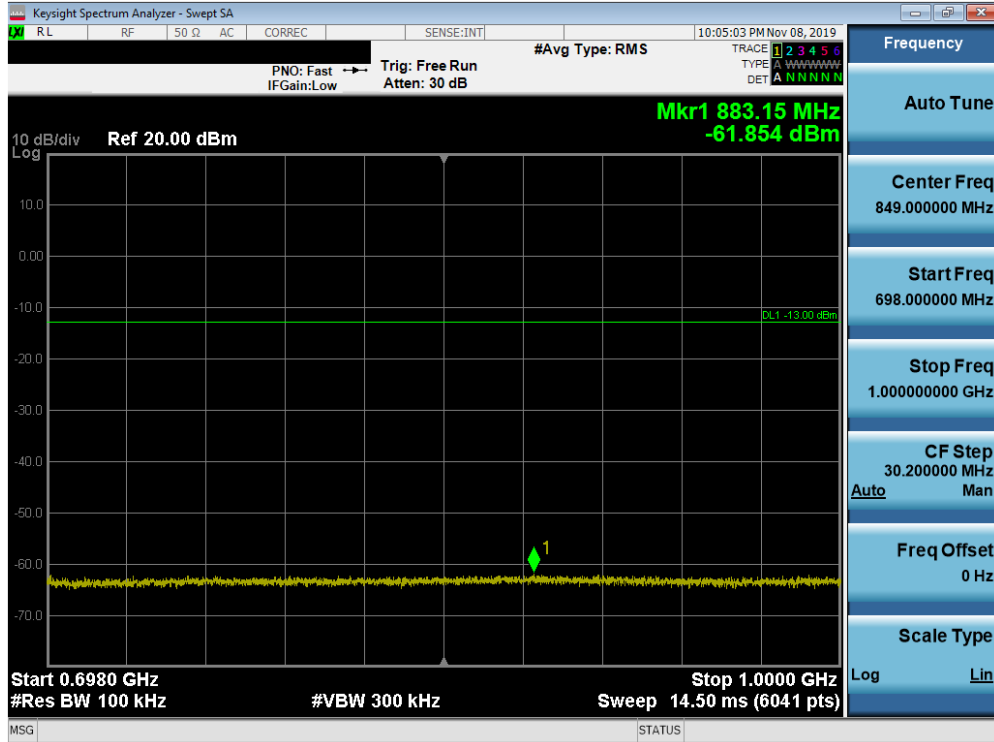


Plot 7-626. Conducted Spurious Plot (n71 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

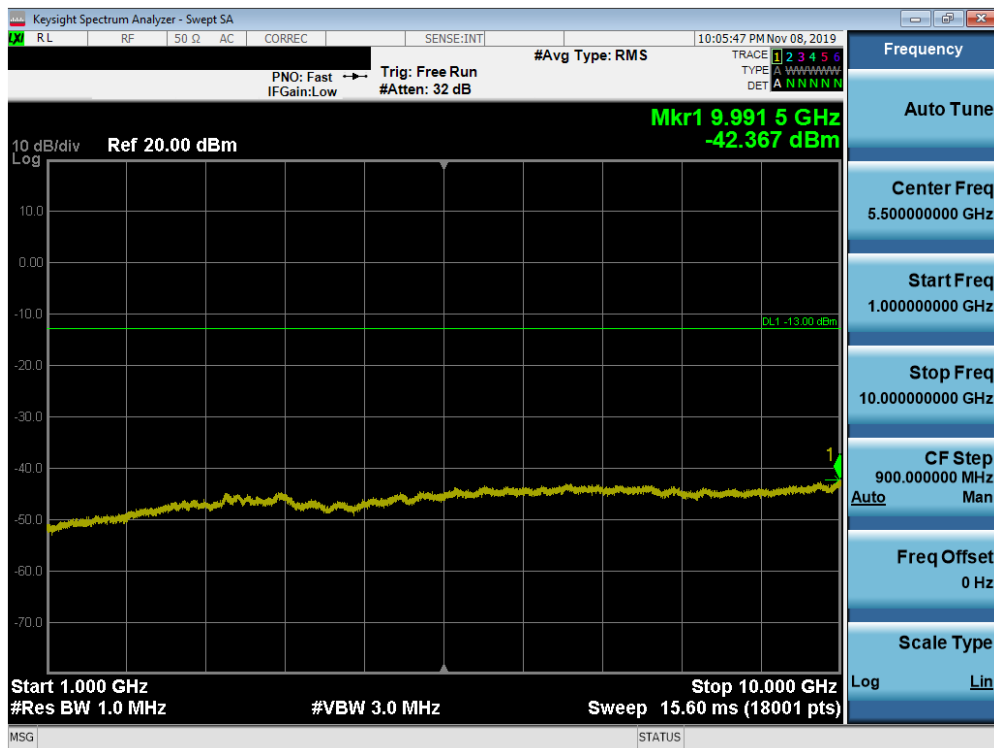


Plot 7-627. Conducted Spurious Plot (n71 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 406 of 495

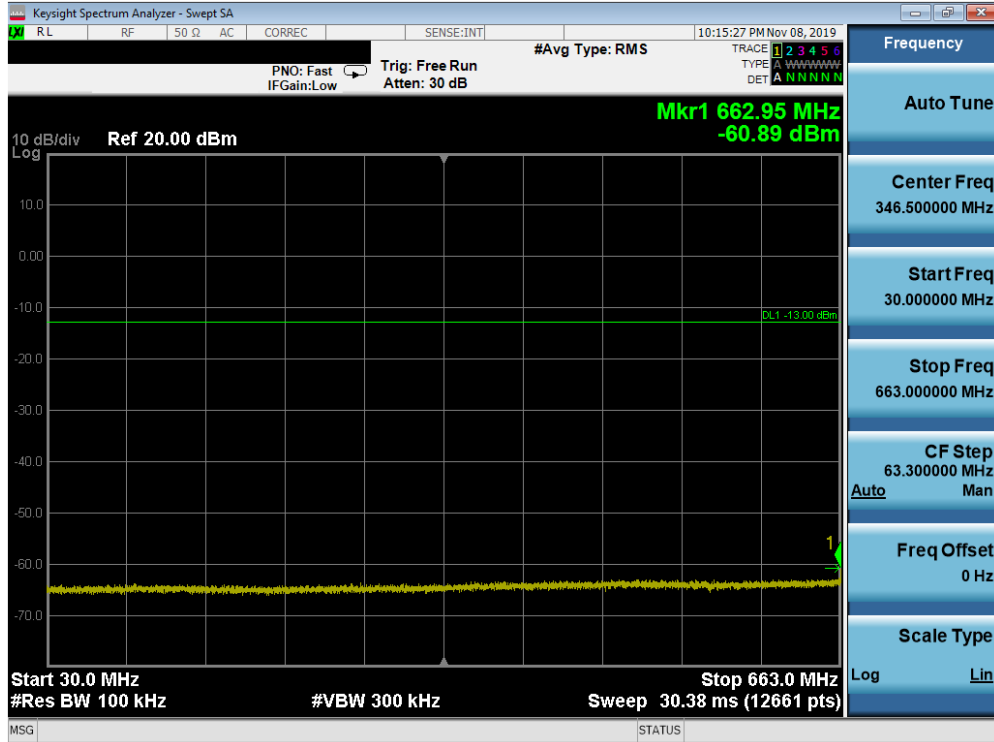


Plot 7-628. Conducted Spurious Plot (n71 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

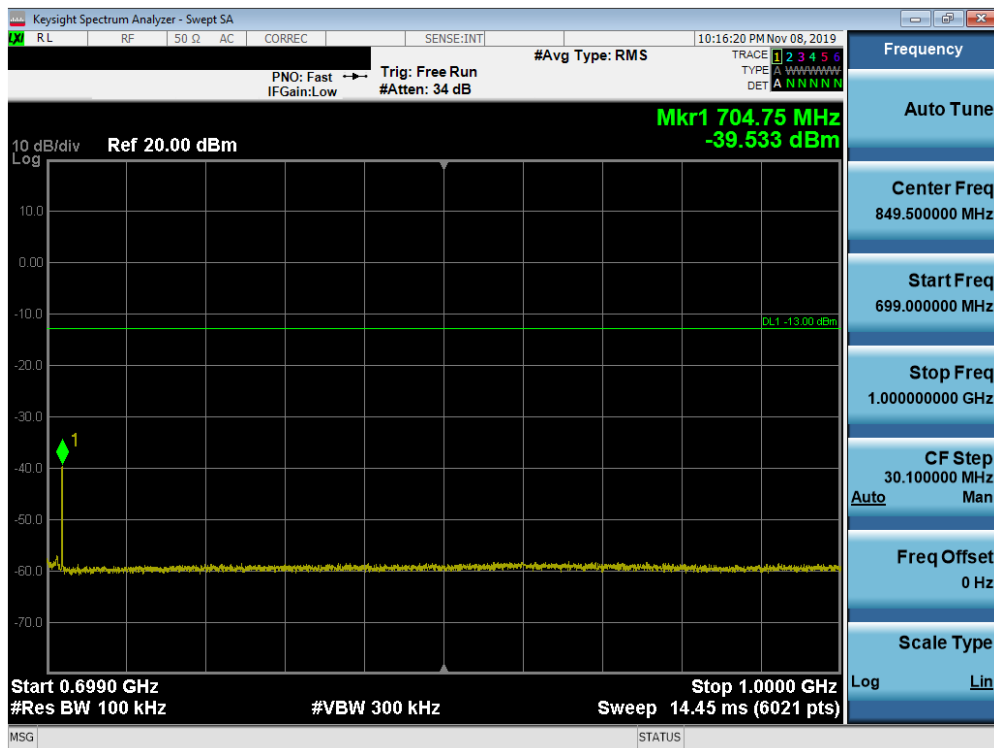


Plot 7-629. Conducted Spurious Plot (n71 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 407 of 495

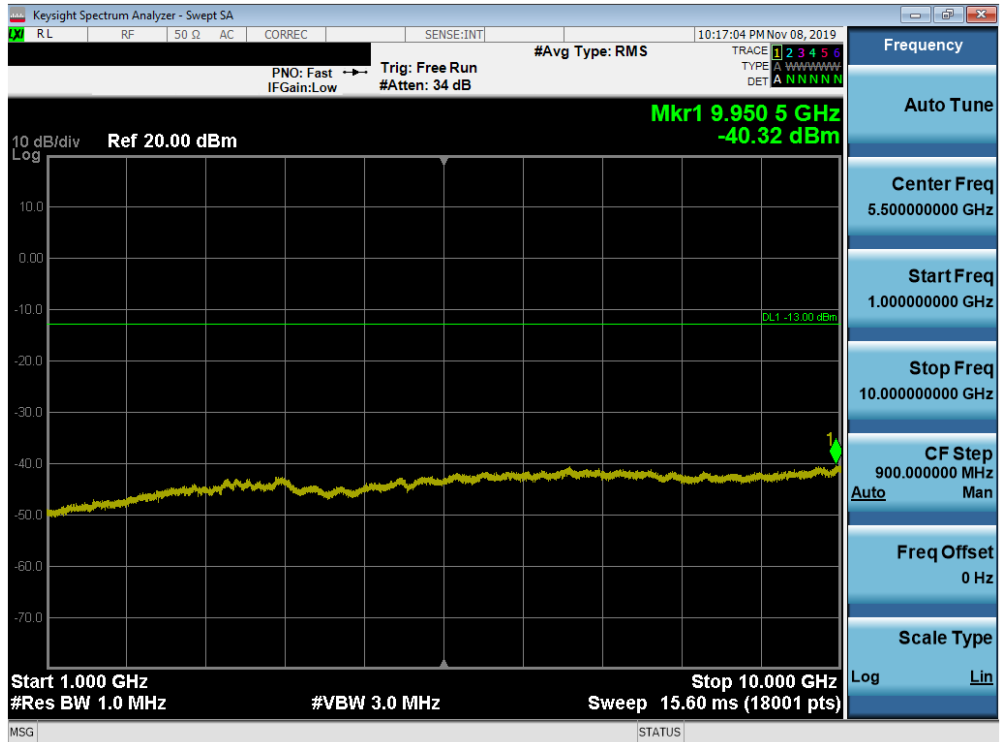


Plot 7-630. Conducted Spurious Plot (n71 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)



Plot 7-631. Conducted Spurious Plot (n71 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)

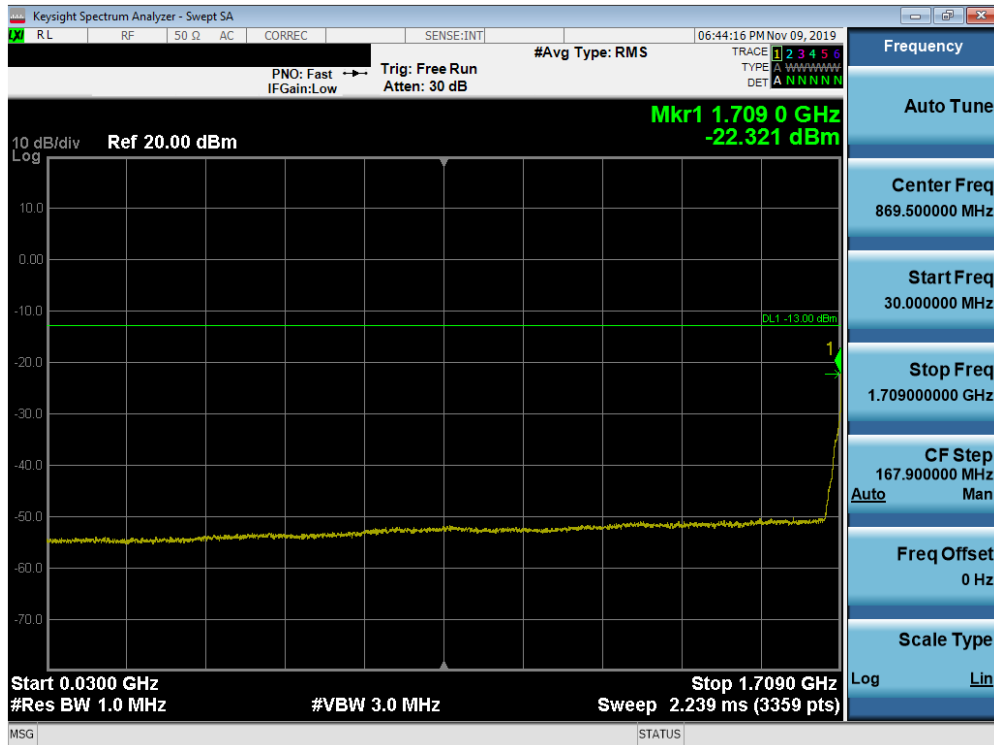
FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 408 of 495



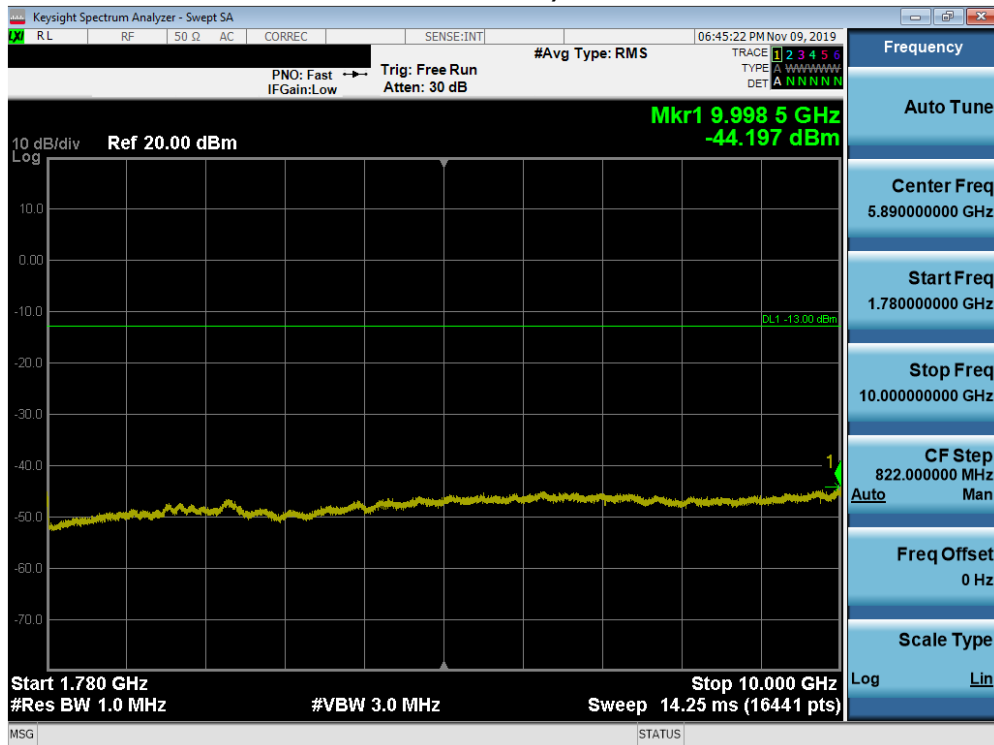
Plot 7-632. Conducted Spurious Plot (n71 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 409 of 495

NR Band n66

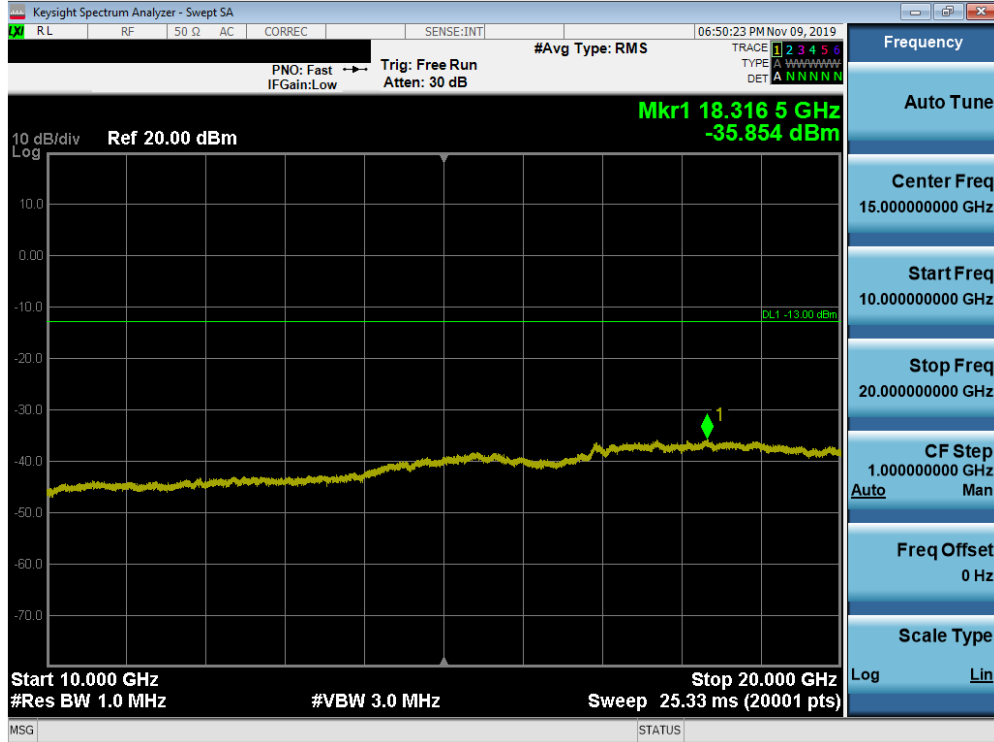


Plot 7-633. Conducted Spurious Plot (n66 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

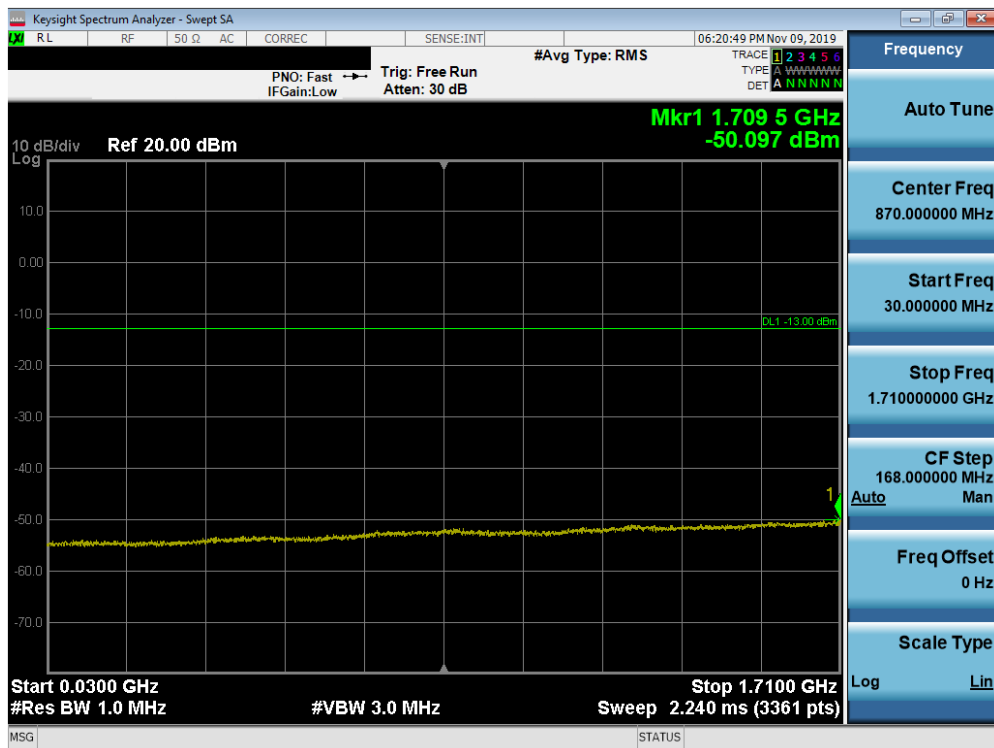


Plot 7-634. Conducted Spurious Plot (n66 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 410 of 495

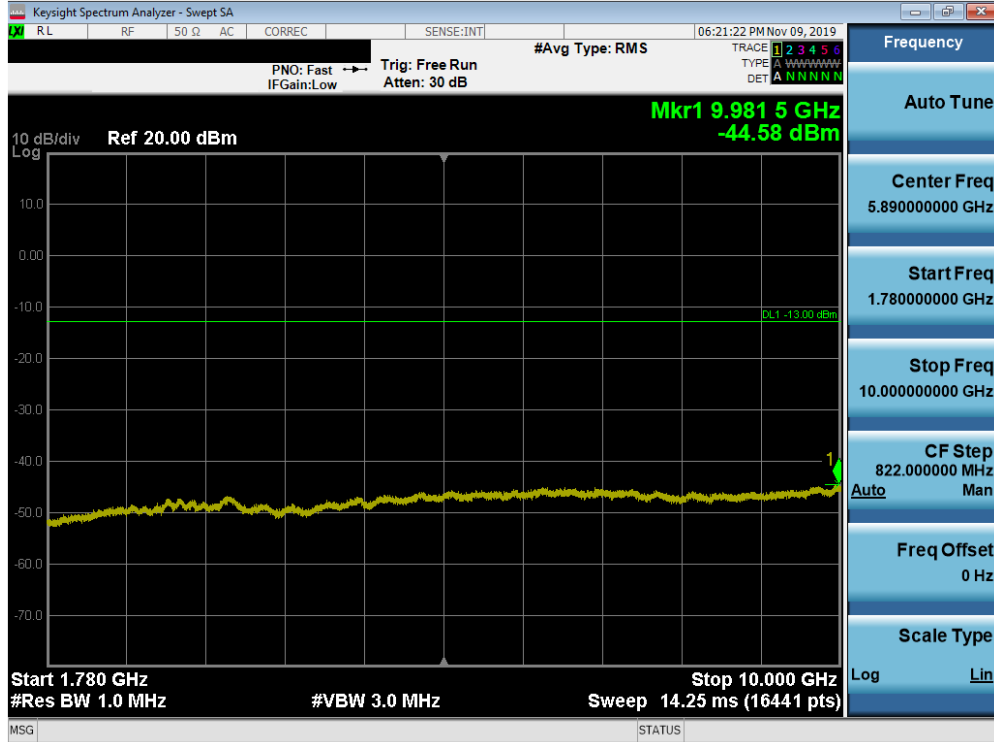


Plot 7-635. Conducted Spurious Plot (n66 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

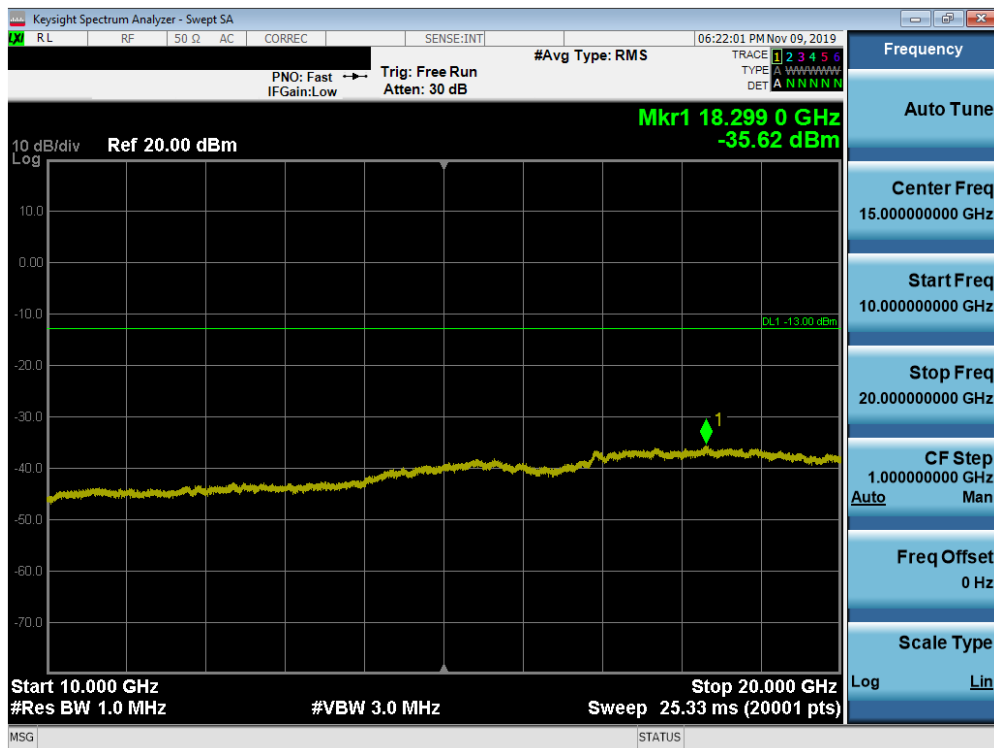


Plot 7-636. Conducted Spurious Plot (n66 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 411 of 495

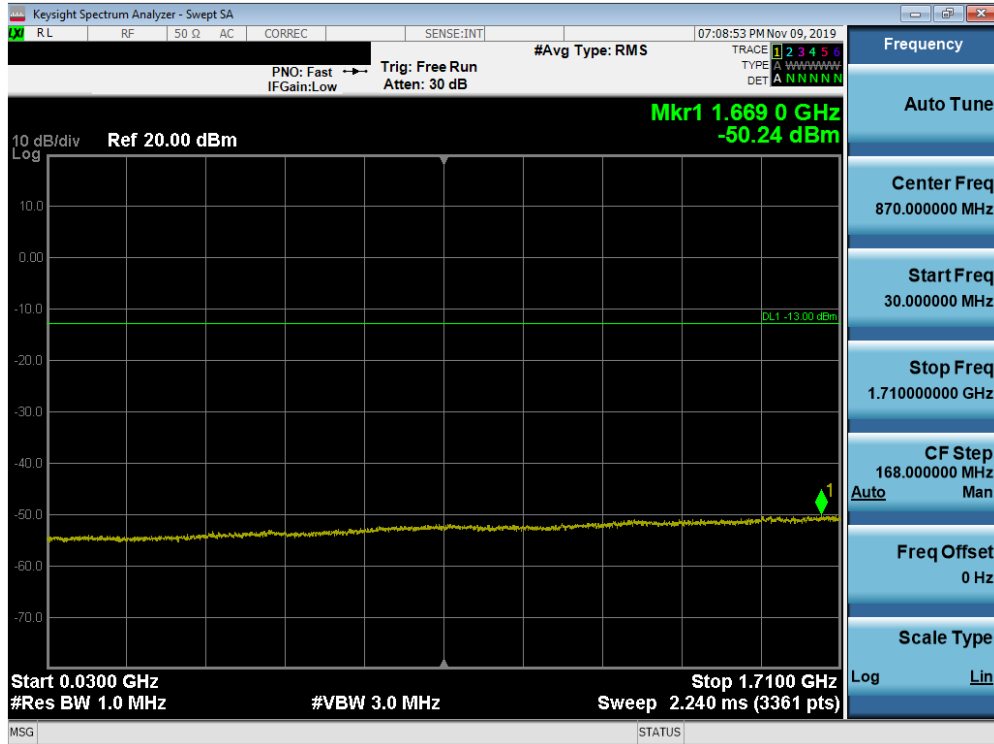


Plot 7-637. Conducted Spurious Plot (n66 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

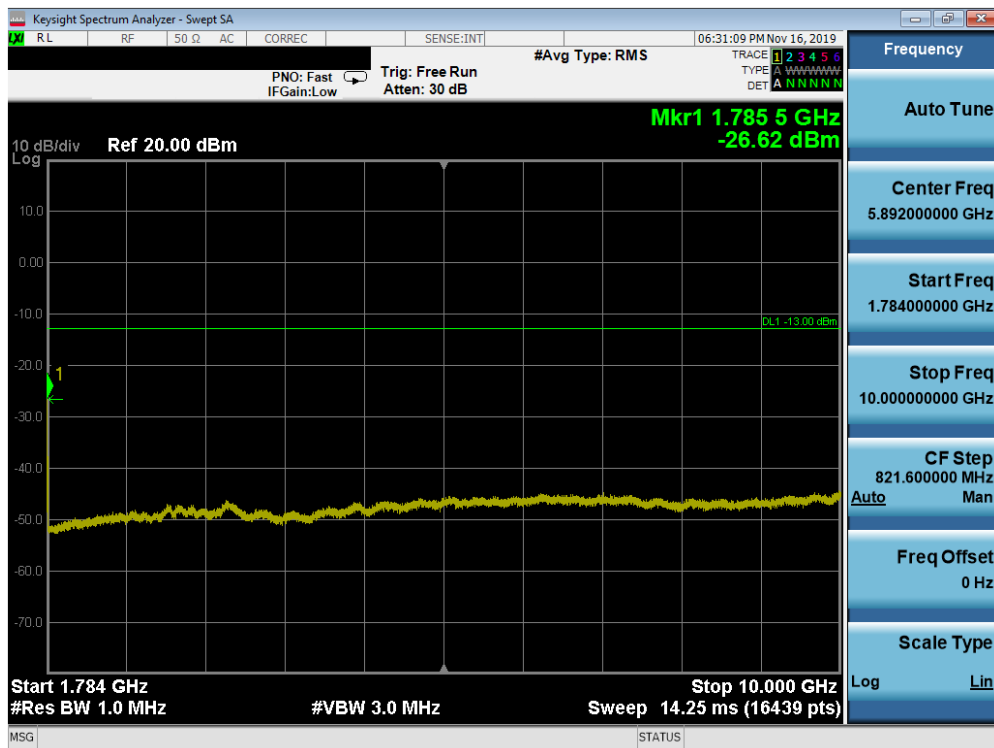


Plot 7-638. Conducted Spurious Plot (n66 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 412 of 495

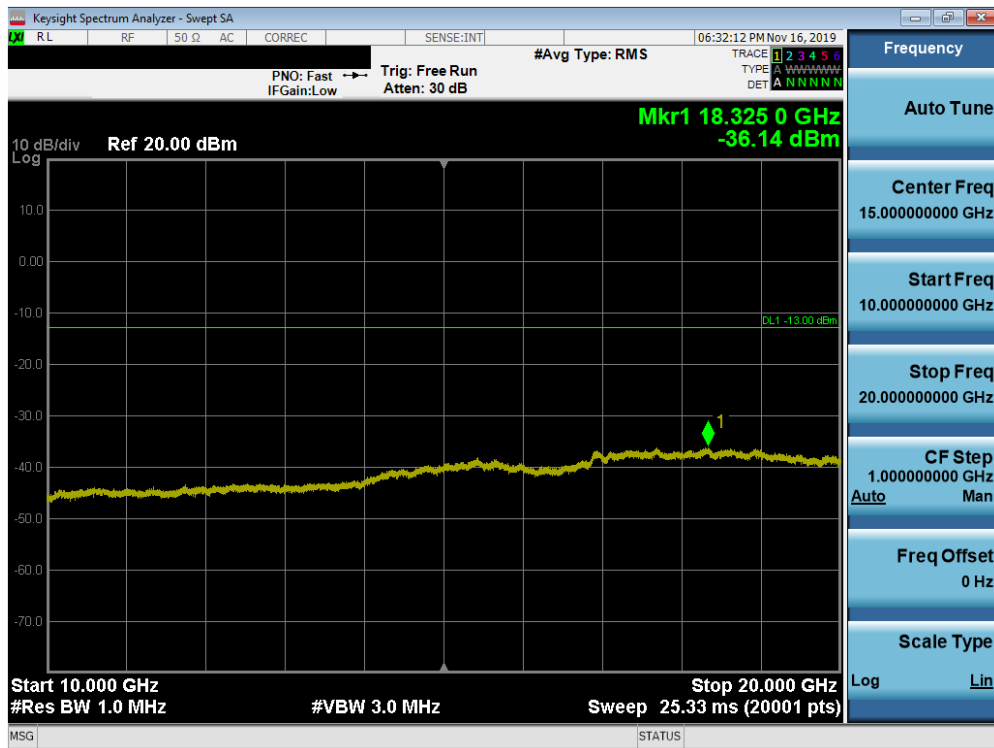


Plot 7-639. Conducted Spurious Plot (n66 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)



Plot 7-640. Conducted Spurious Plot (n66 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)

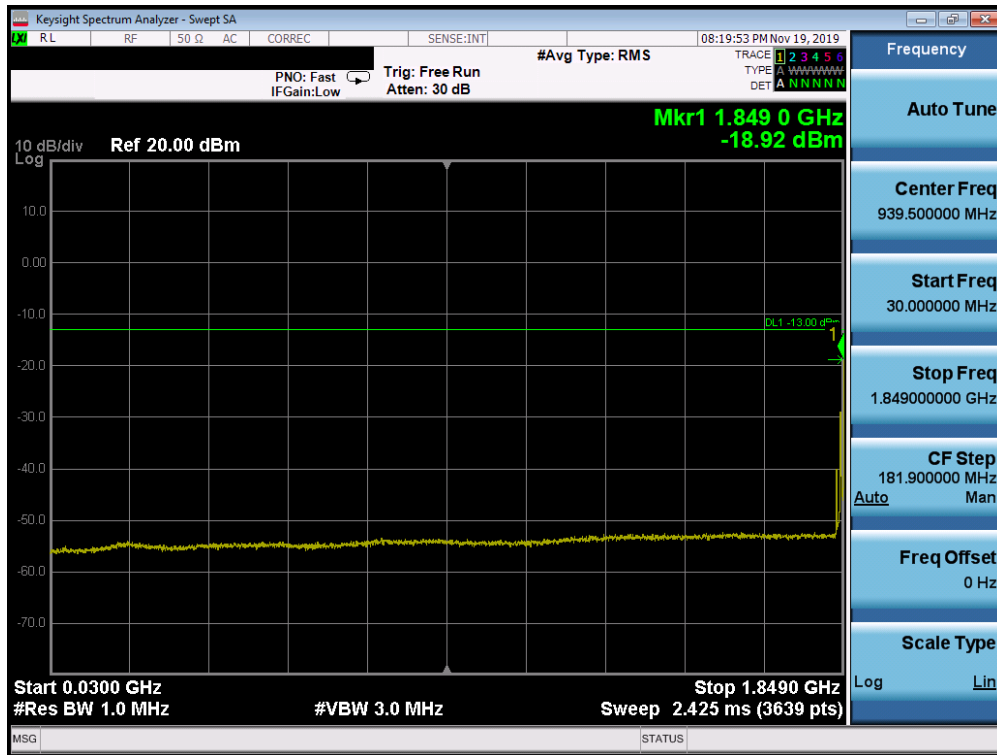
FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 413 of 495



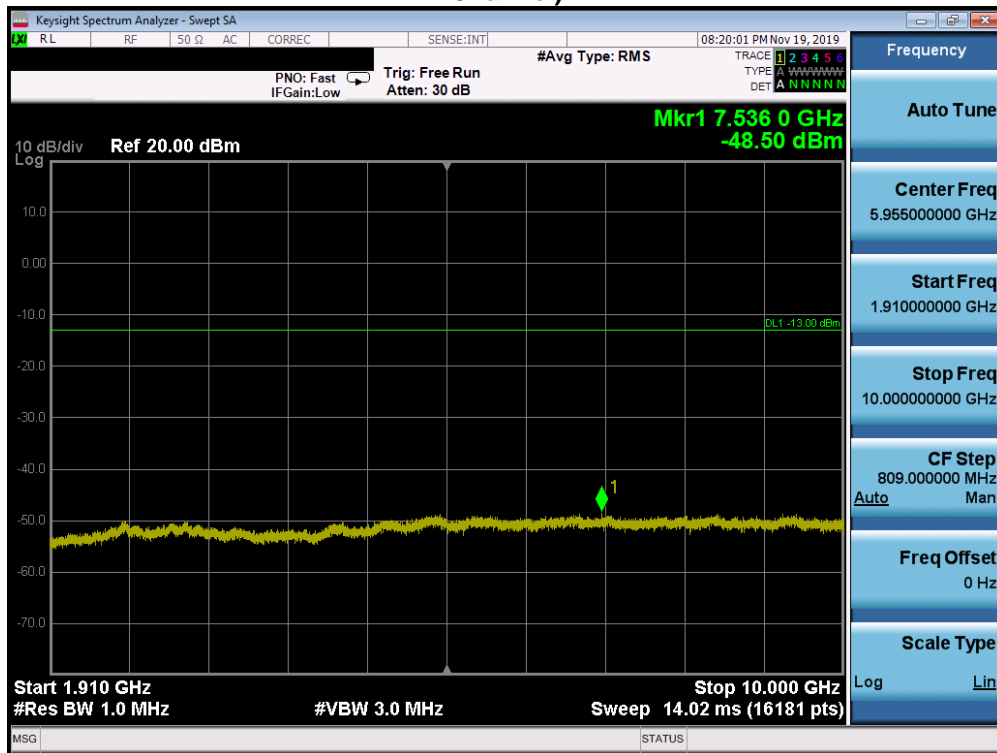
Plot 7-641. Conducted Spurious Plot (n66 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 414 of 495

NR Band n2

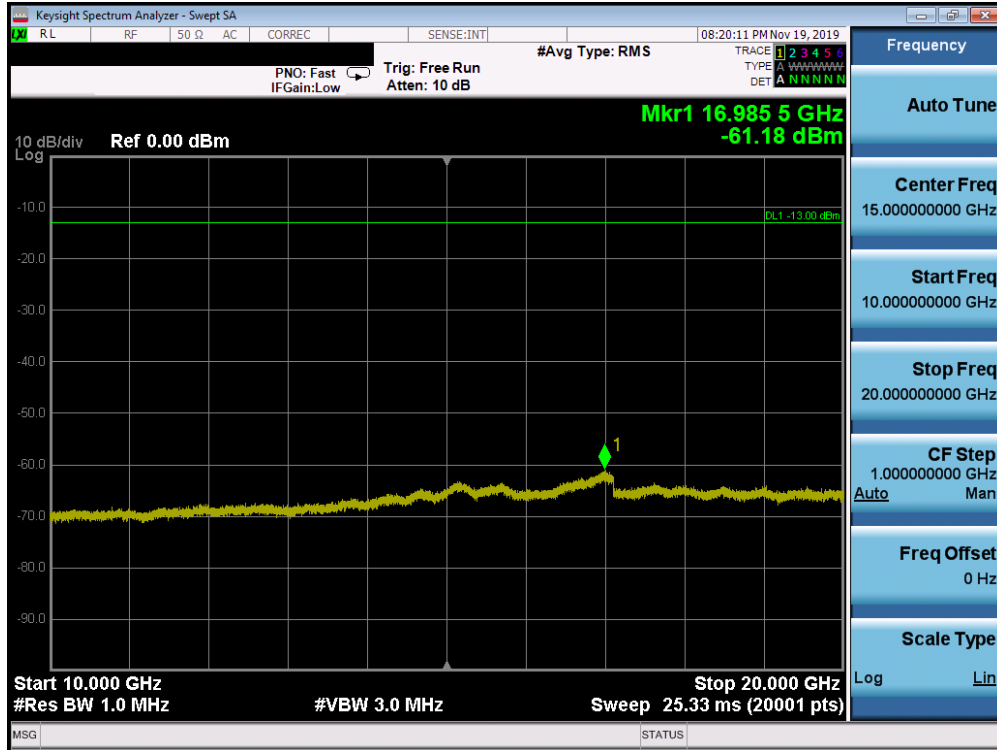


Plot 7-642. Conducted Spurious Plot (n2 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

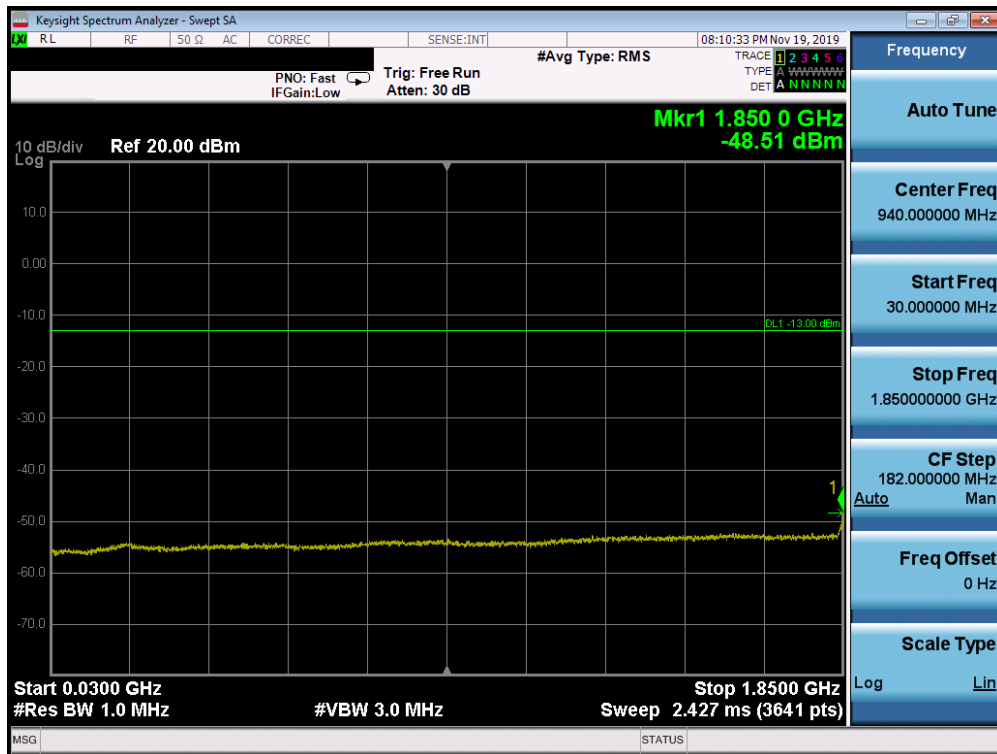


Plot 7-643. Conducted Spurious Plot (n2 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 415 of 495

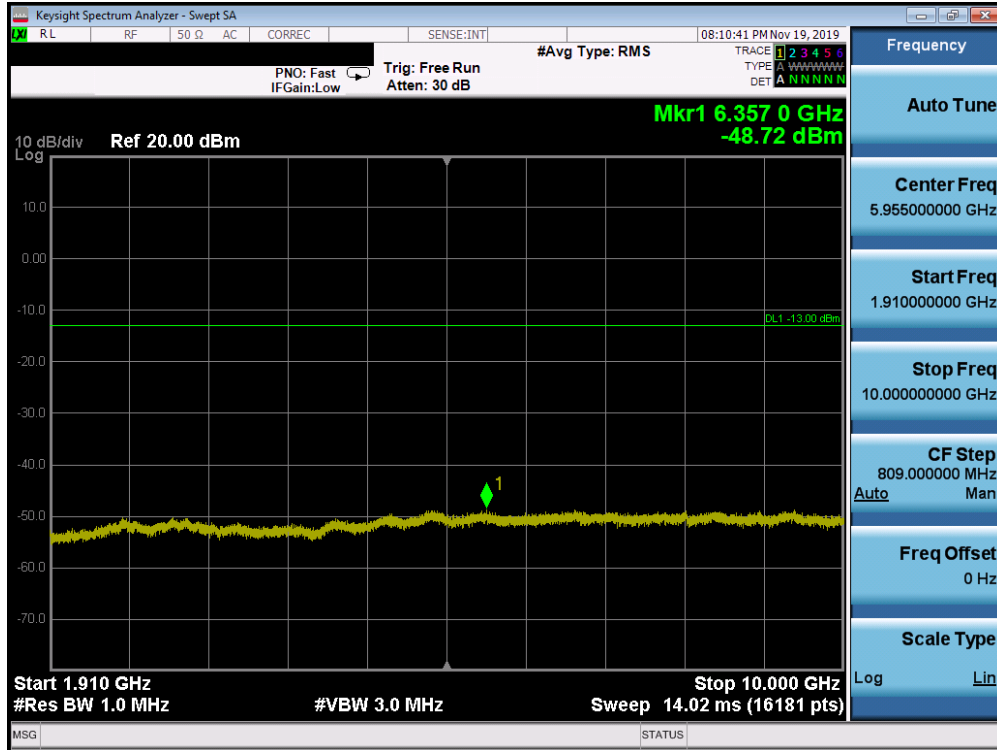


Plot 7-644. Conducted Spurious Plot (n2 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

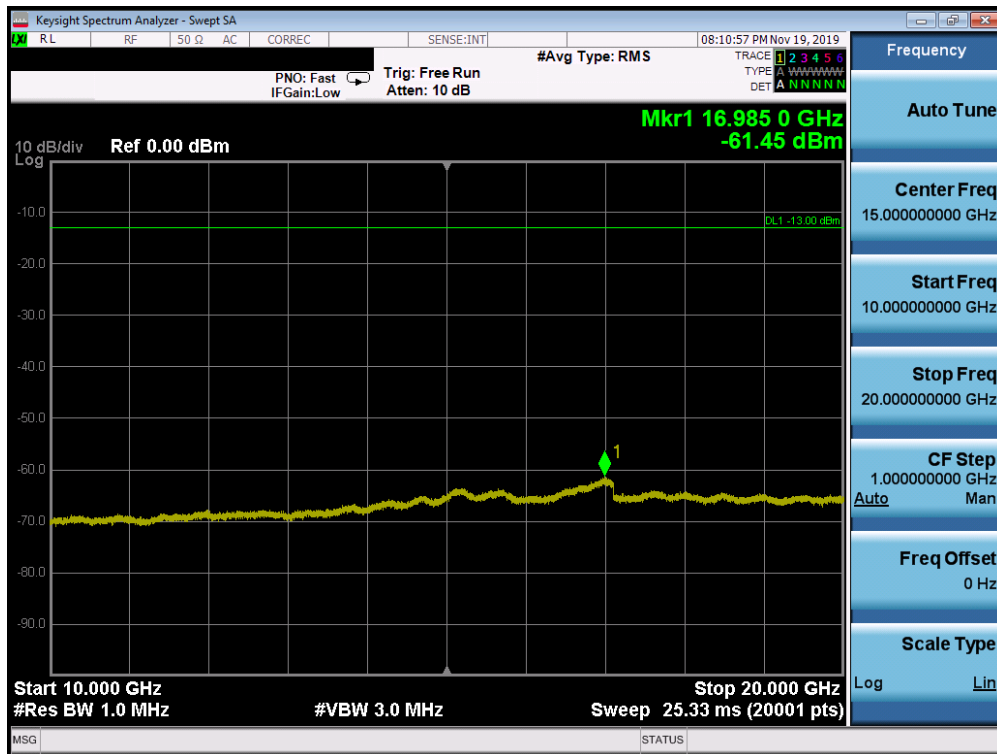


Plot 7-645. Conducted Spurious Plot (n2 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 416 of 495

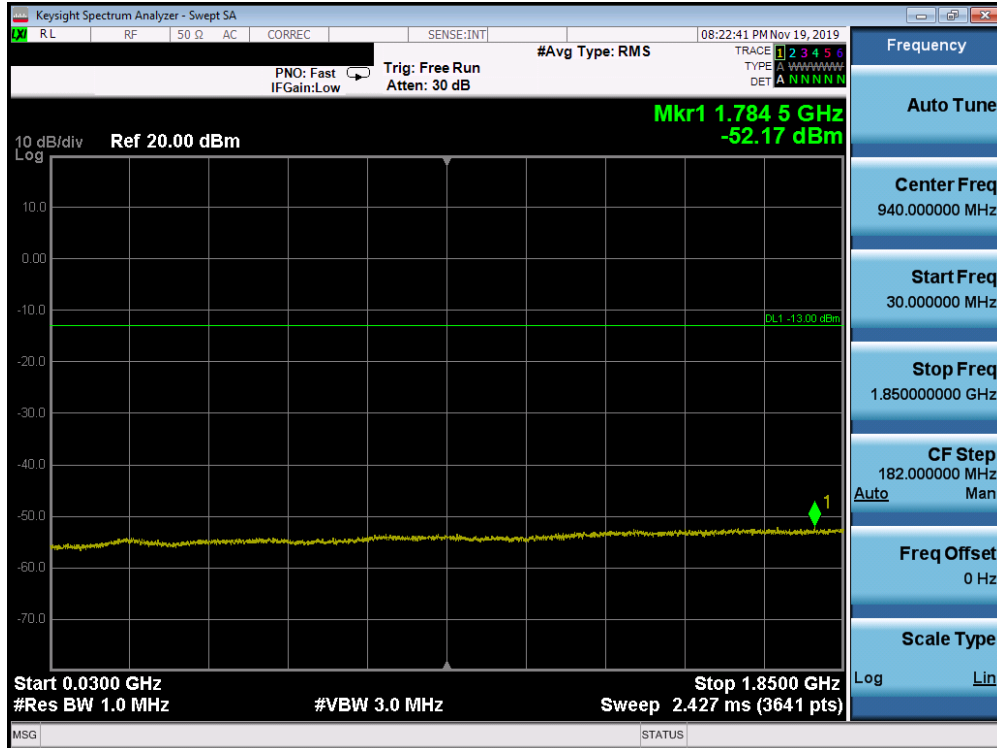


Plot 7-646. Conducted Spurious Plot (n2 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

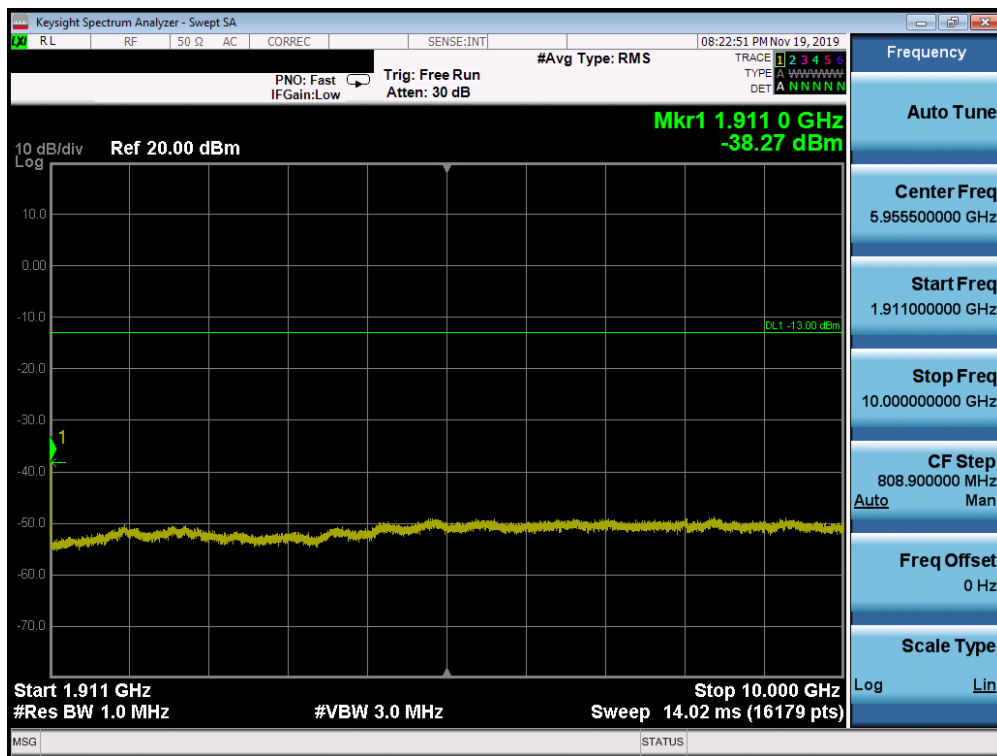


Plot 7-647. Conducted Spurious Plot (n2 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 417 of 495

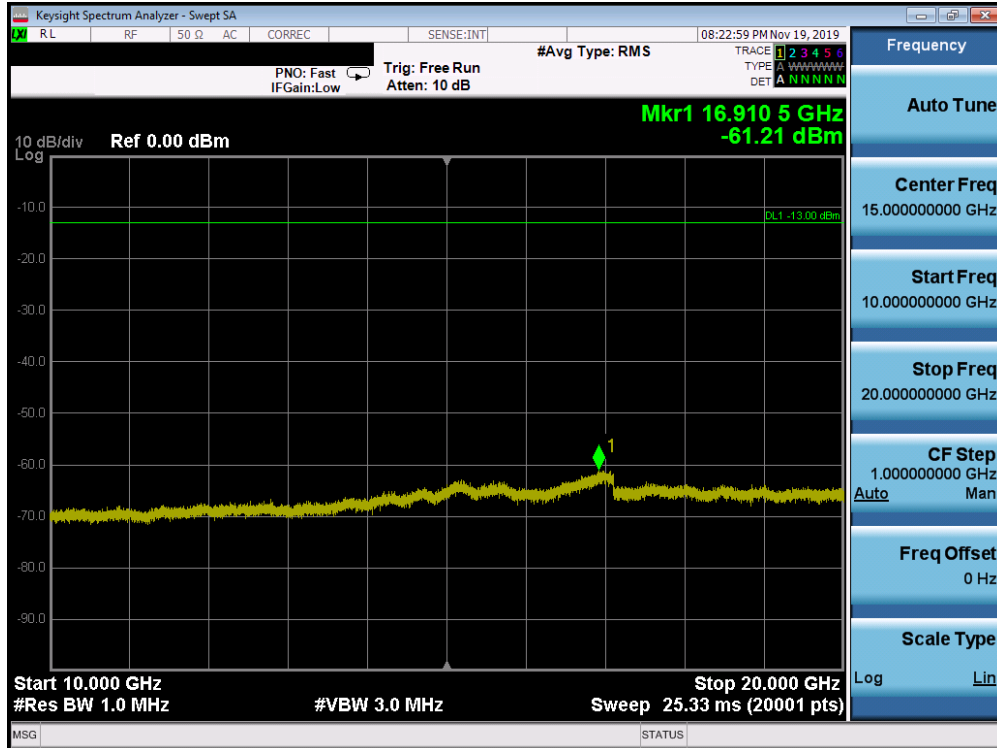


Plot 7-648. Conducted Spurious Plot (n2 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)



Plot 7-649. Conducted Spurious Plot (n2 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)

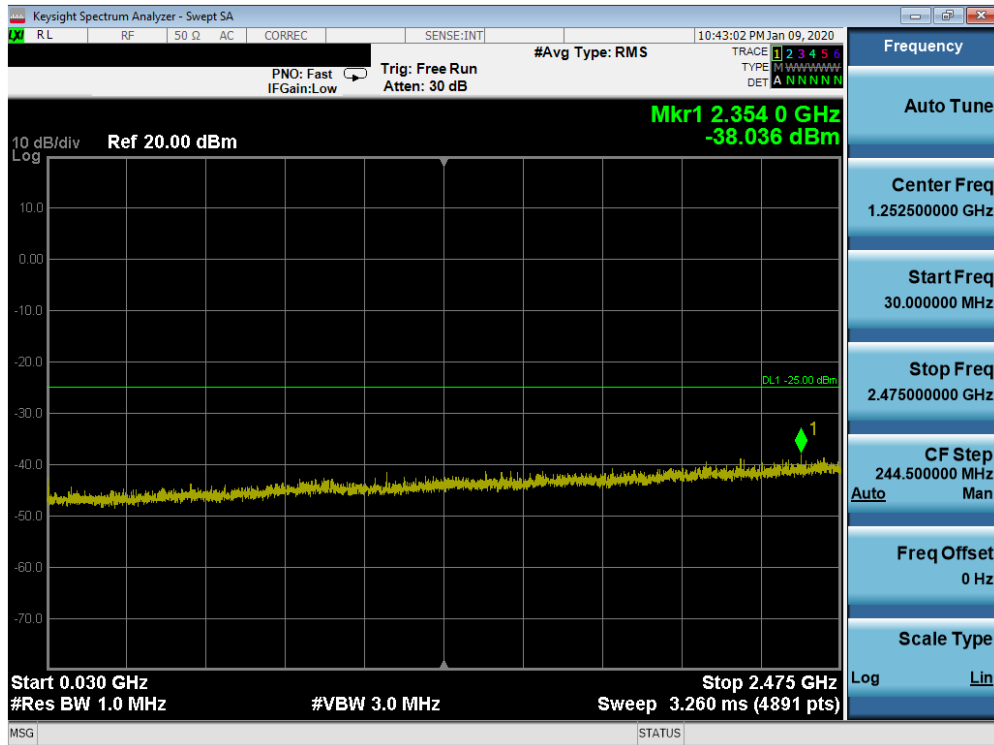
FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 418 of 495



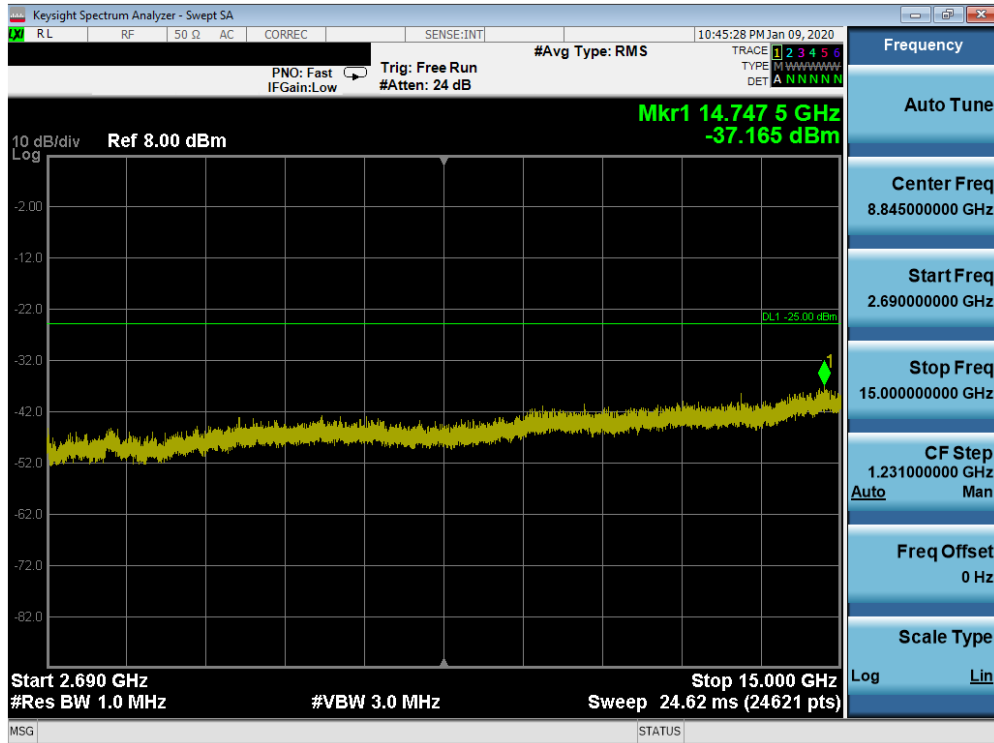
Plot 7-650. Conducted Spurious Plot (n2 - 20MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset	Page 419 of 495

NR Band n41

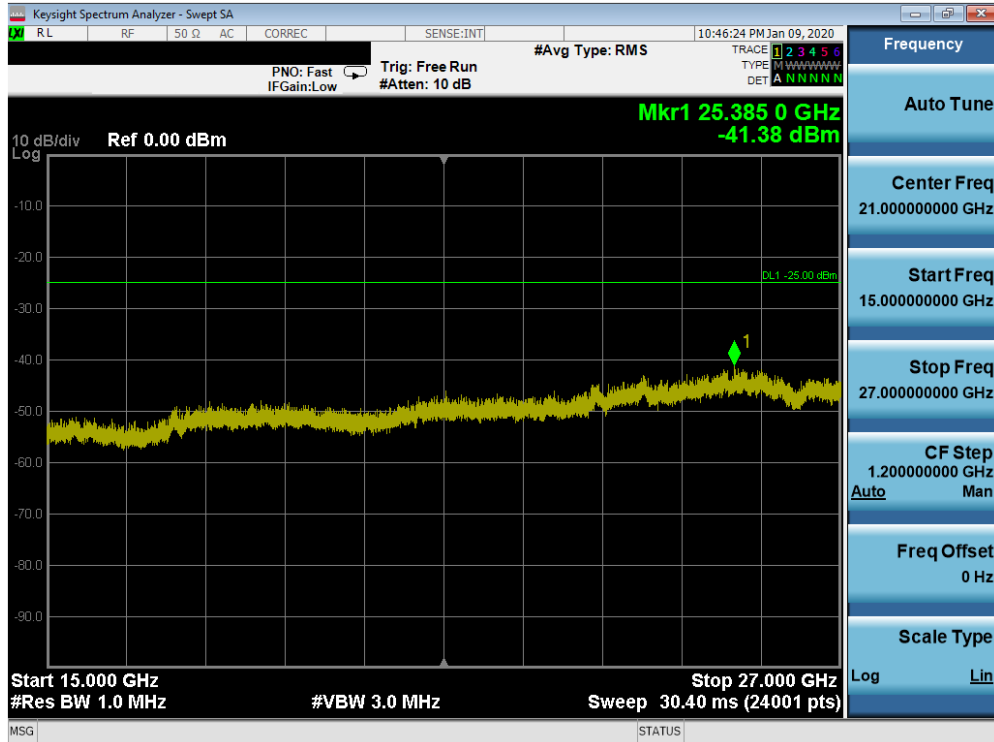


Plot 7-651. Conducted Spurious Plot (n41 - 100MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

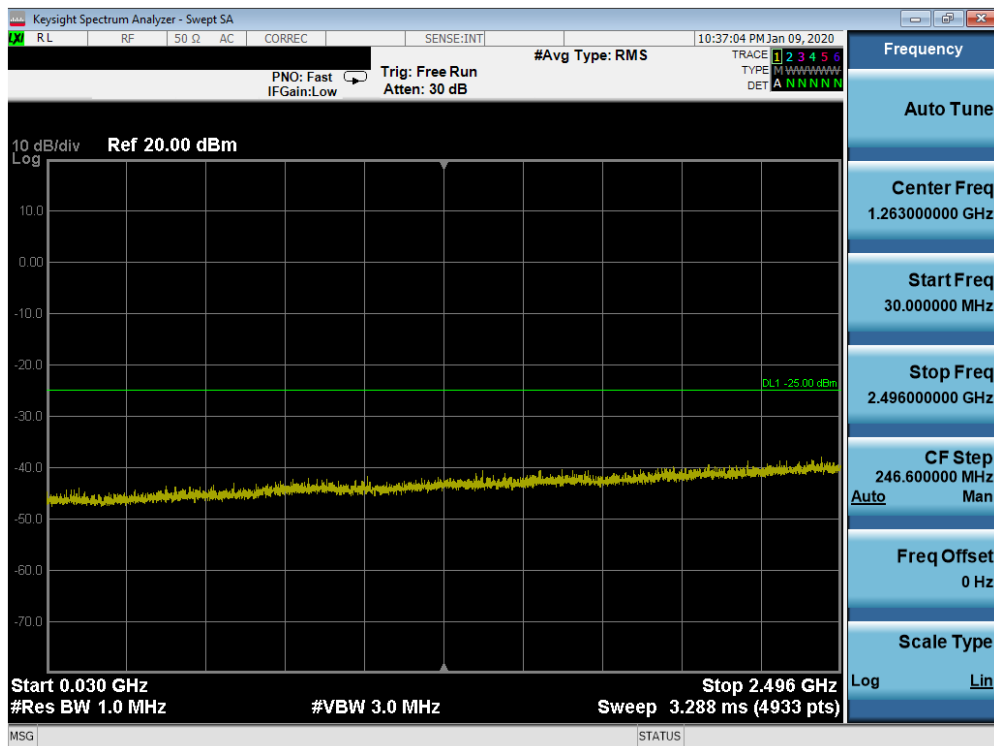


Plot 7-652. Conducted Spurious Plot (n41 - 100MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 420 of 495

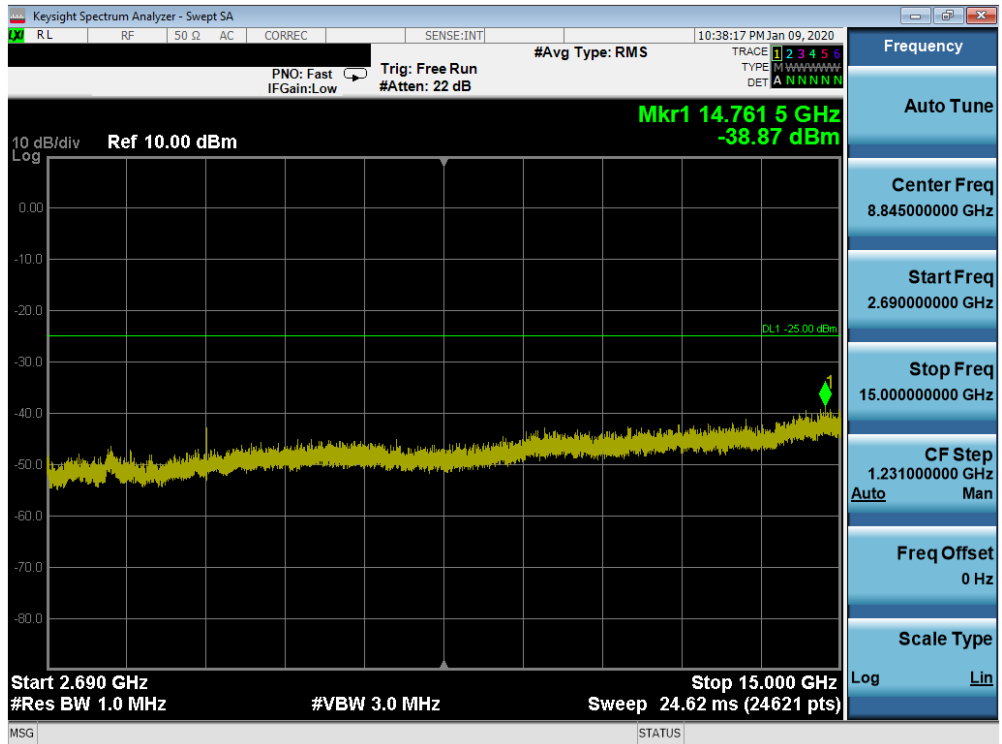


Plot 7-653. Conducted Spurious Plot (n41 - 100MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Low Channel)

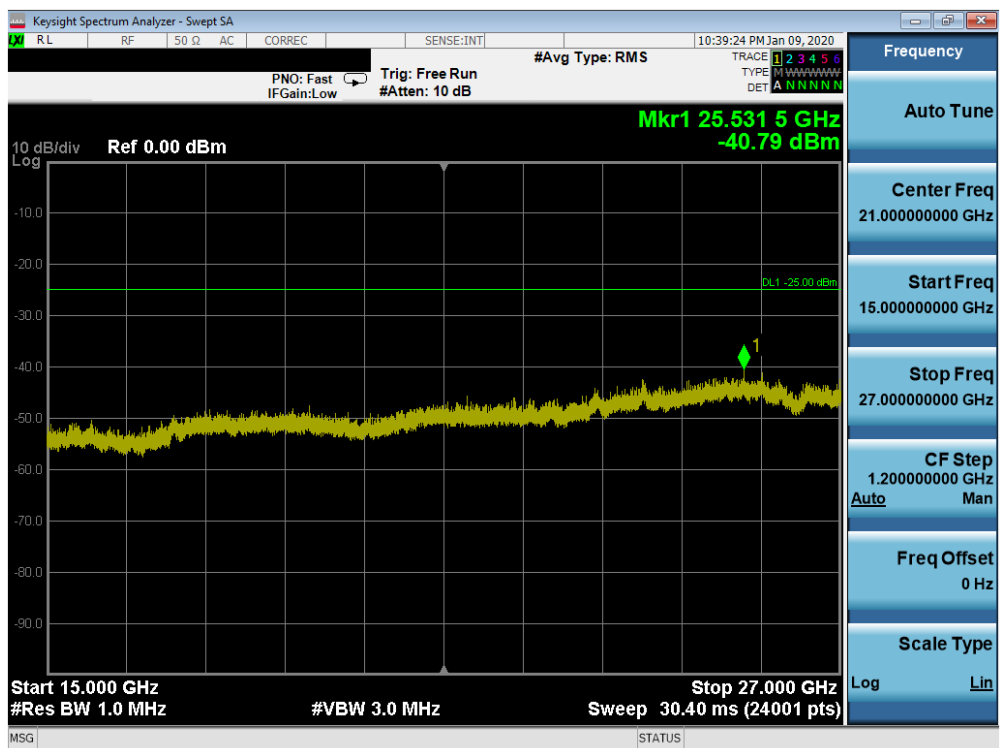


Plot 7-654. Conducted Spurious Plot (n41 - 100MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 421 of 495

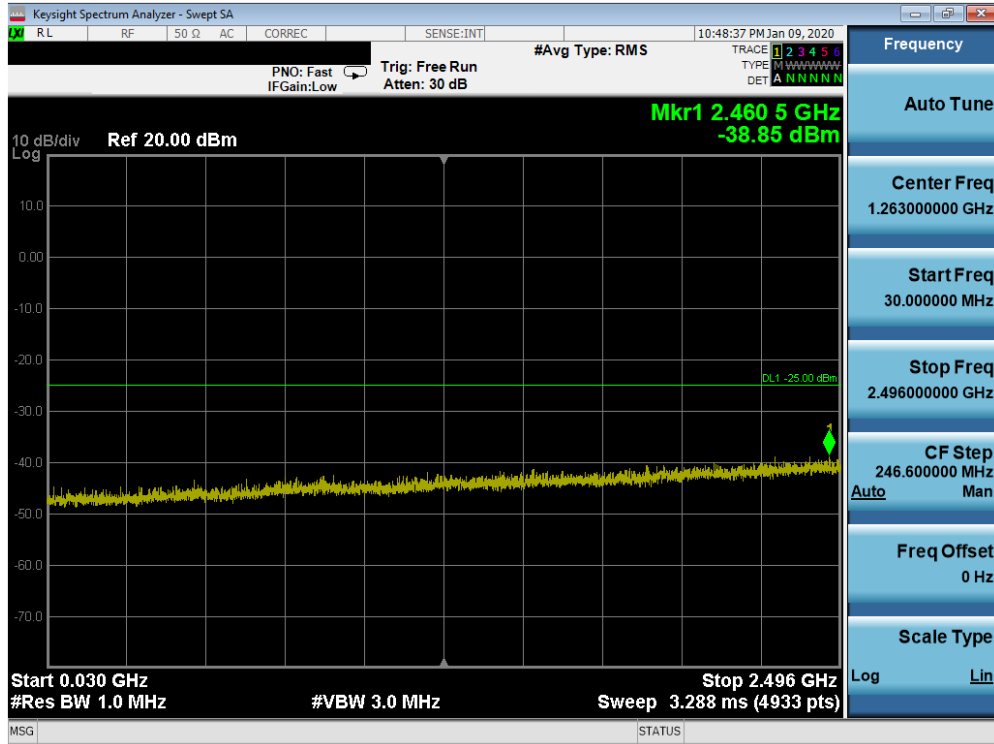


Plot 7-655. Conducted Spurious Plot (n41 - 100MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

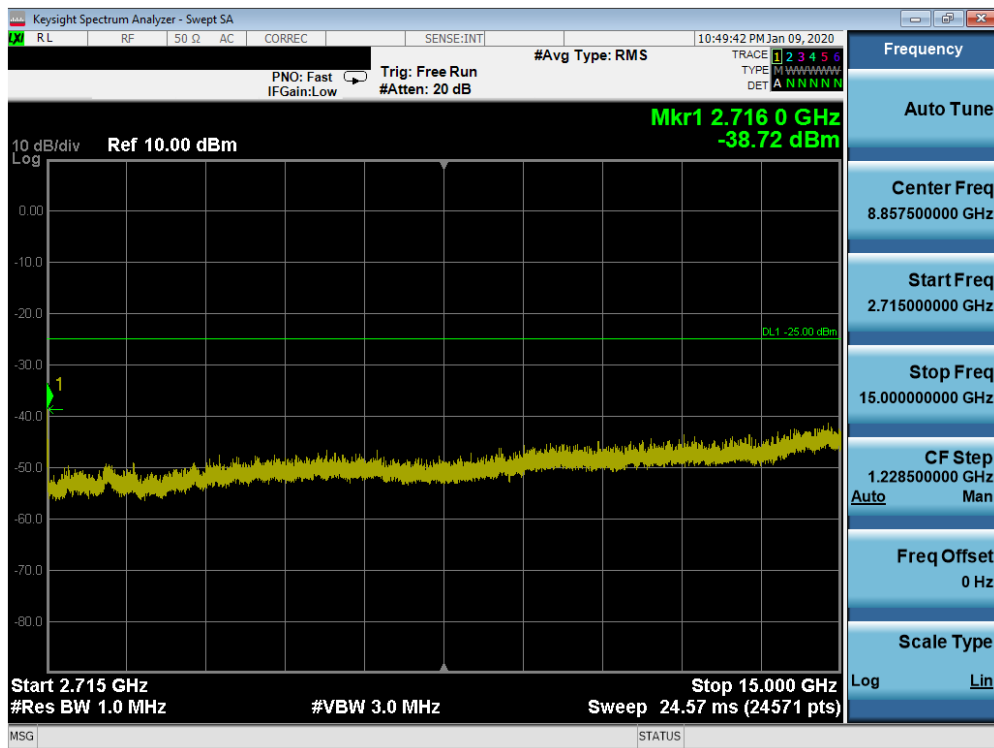


Plot 7-656. Conducted Spurious Plot (n41 - 100MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - Mid Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 422 of 495

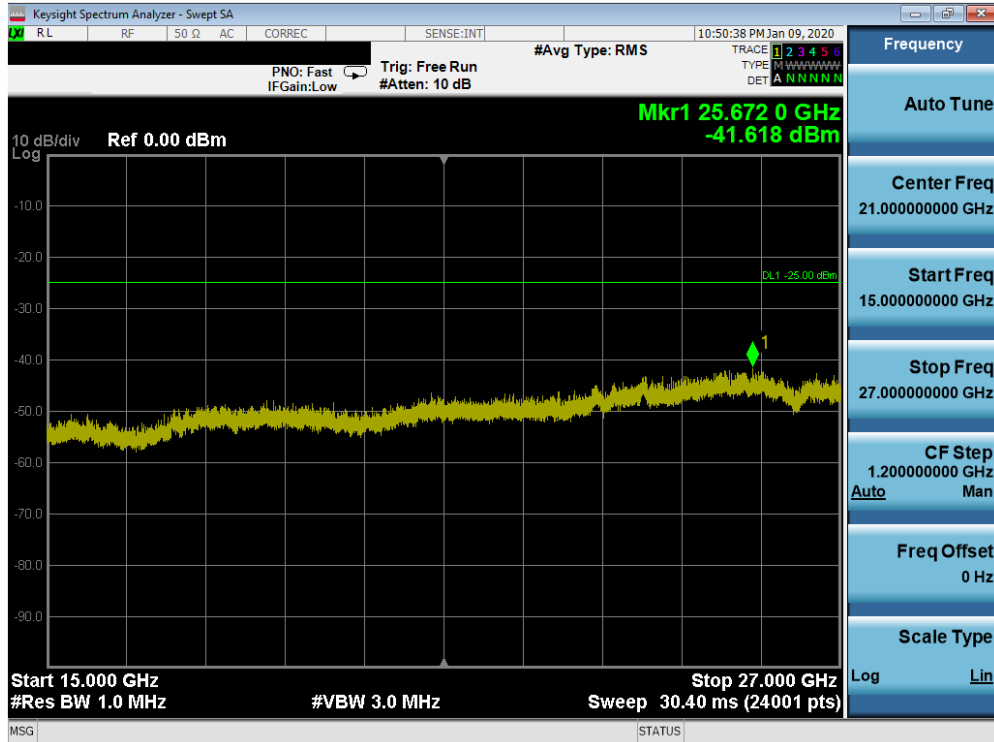


Plot 7-657. Conducted Spurious Plot (n41 - 100MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)



Plot 7-658. Conducted Spurious Plot (n41 - 100MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 423 of 495



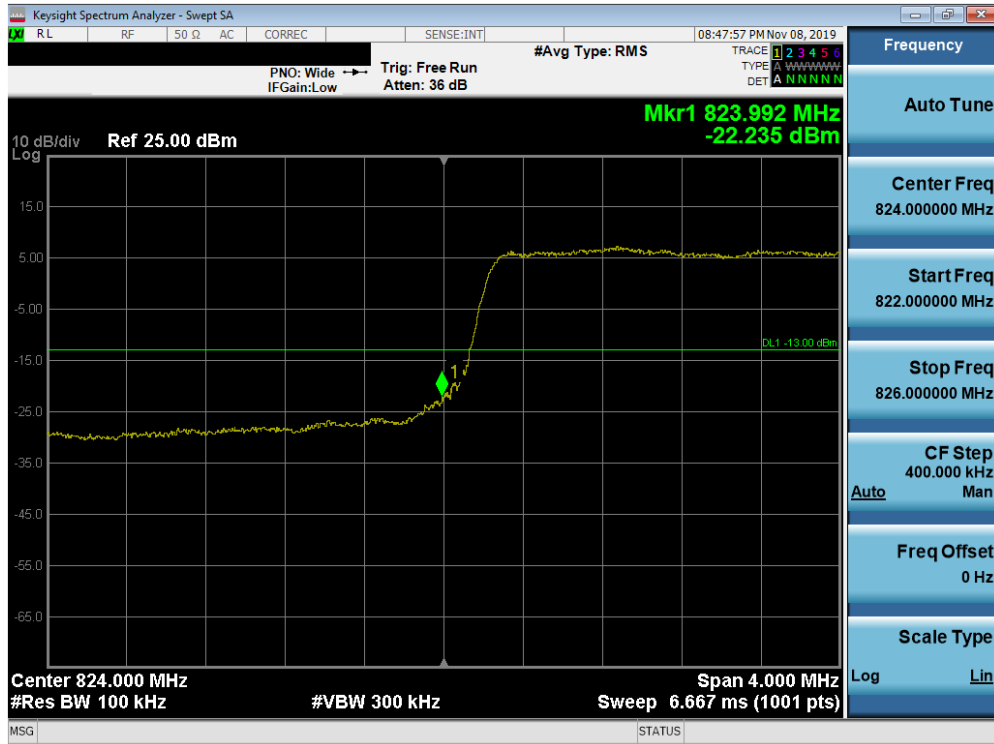
Plot 7-659. Conducted Spurious Plot (n41 - 100MHz DFT-s-OFDM-QPSK - RB Size 1, RB Offset 1 - High Channel)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 424 of 495

Band Edge Emissions at the Antenna Terminal

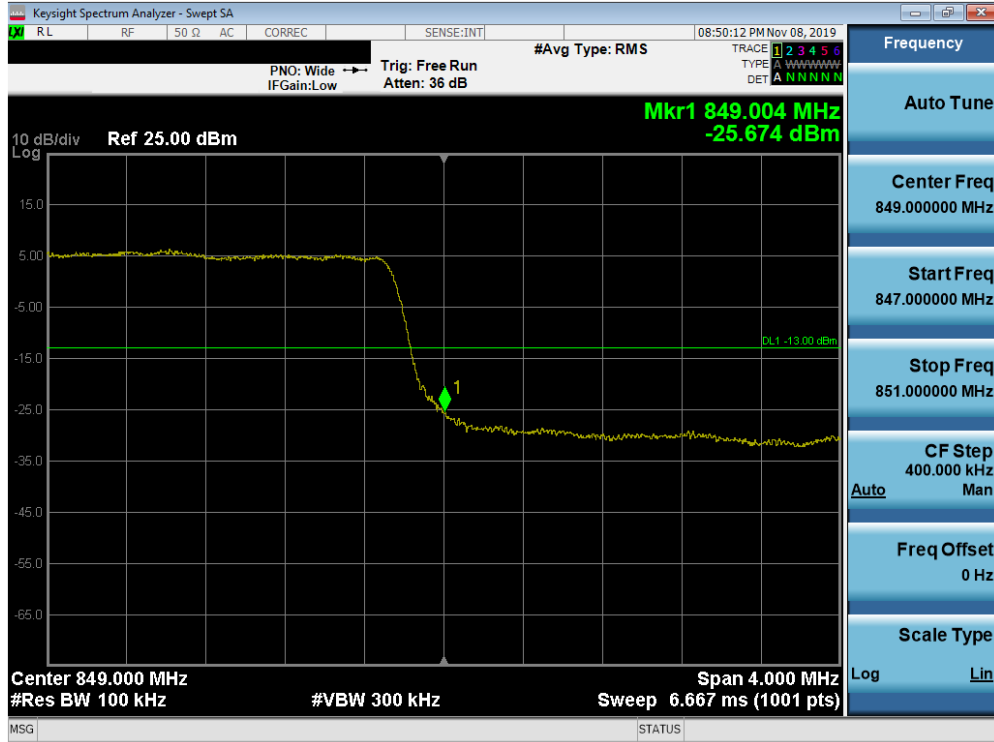
All SCS's and Waveforms (CP-OFDM vs DFT-s OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

NR Band n5

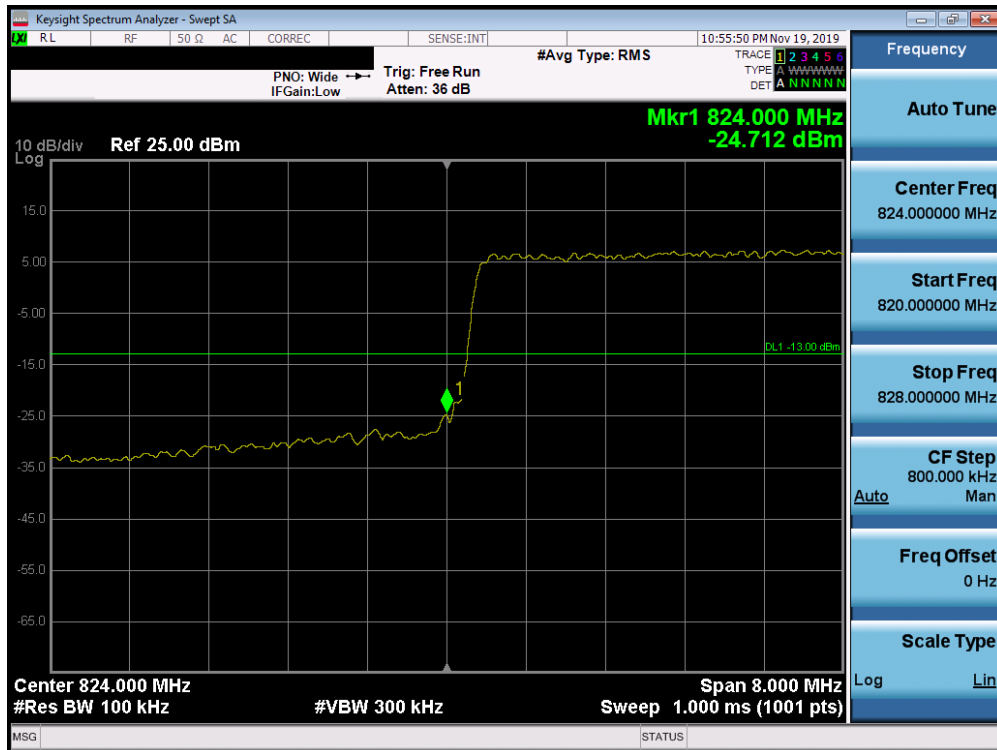


Plot 7-660. Lower Band Edge Plot (n5 - 5MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 425 of 495



Plot 7-661. Upper Band Edge Plot (n5 - 5MHz CP-OFDM-QPSK - Full RB Configuration)

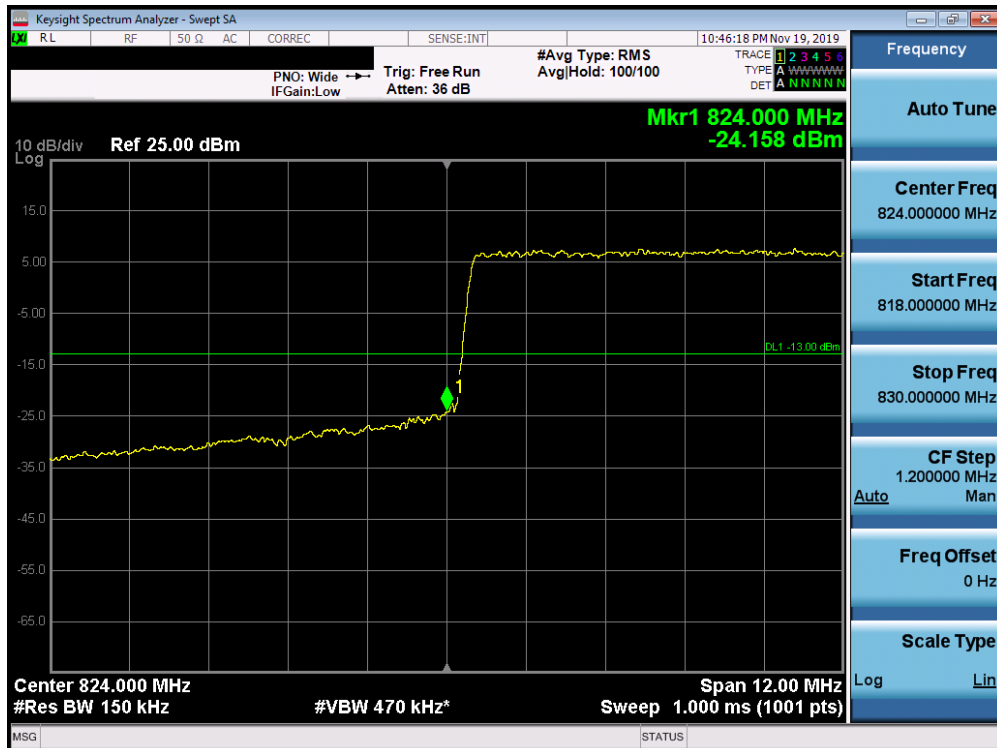


Plot 7-662. Lower Band Edge Plot (n5 - 10MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 426 of 495



Plot 7-663. Upper Band Edge Plot (n5 - 10MHz CP-OFDM-QPSK - Full RB Configuration)

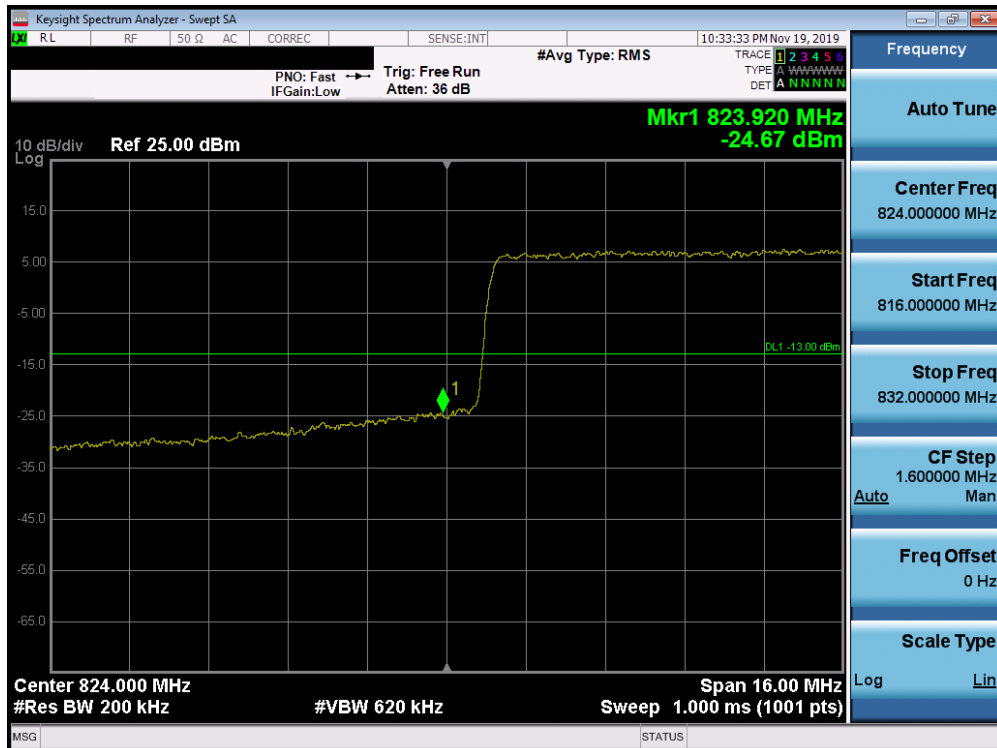


Plot 7-664. Lower Band Edge Plot (n5 - 15MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 427 of 495



Plot 7-665. Upper Band Edge Plot (n5 - 15MHz CP-OFDM-QPSK - Full RB Configuration)



Plot 7-666. Lower Band Edge Plot (n5 - 20MHz CP-OFDM-QPSK - Full RB Configuration)

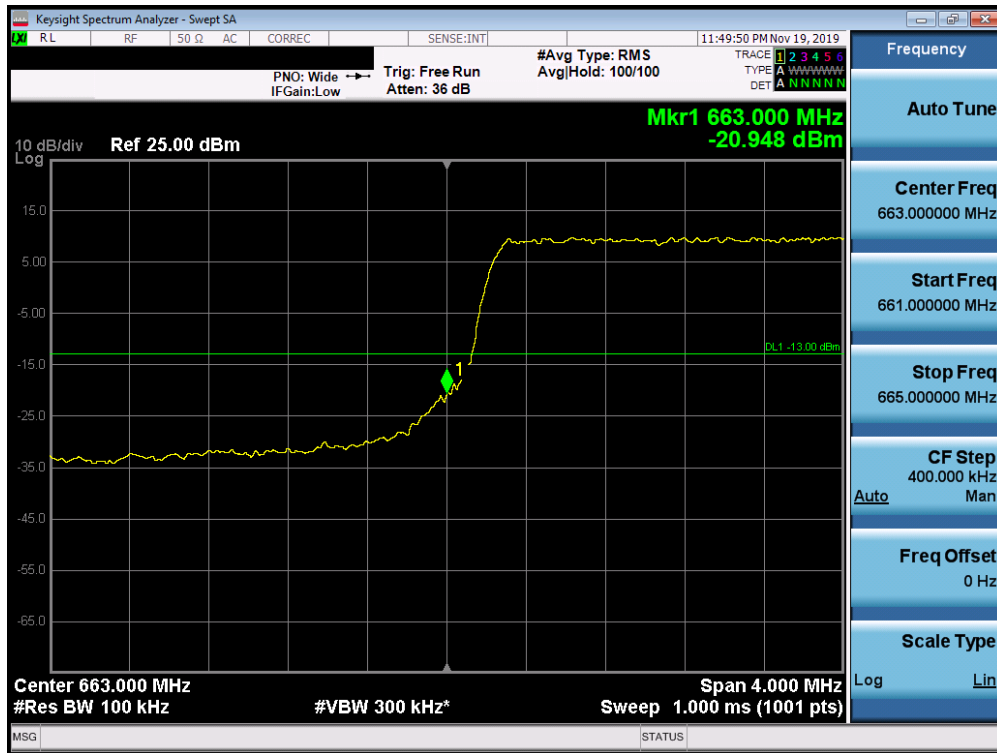
FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 428 of 495



Plot 7-667. Upper Band Edge Plot (n5 - 20MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 429 of 495

NR Band n71

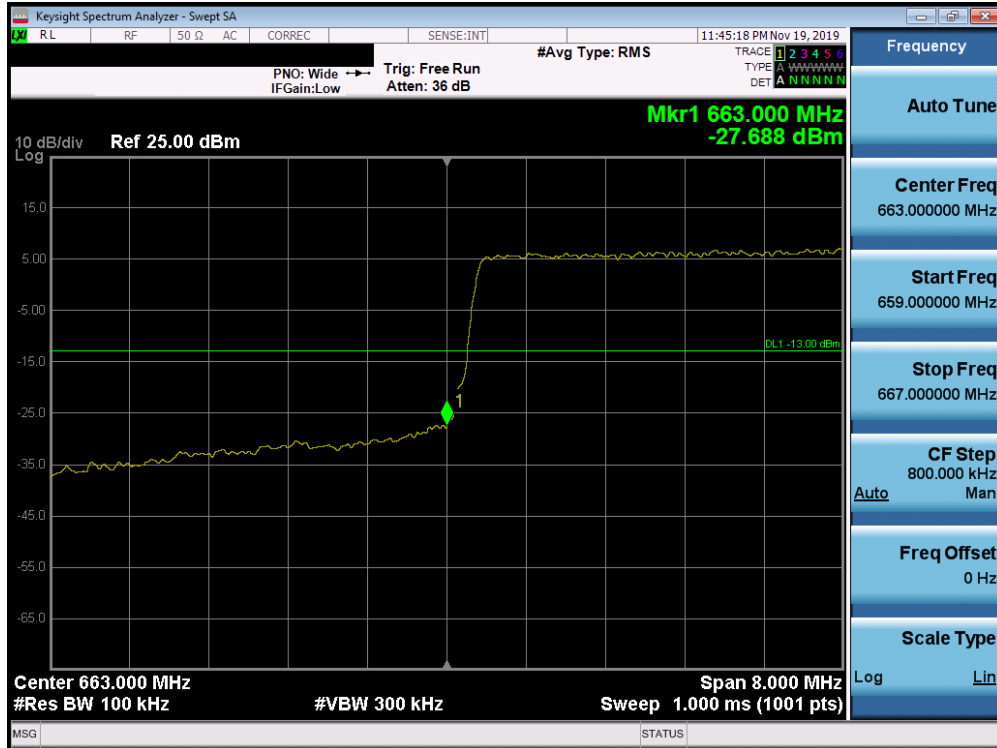


Plot 7-668. Lower Band Edge Plot (n71 - 5MHz CP-OFDM-QPSK - Full RB Configuration)

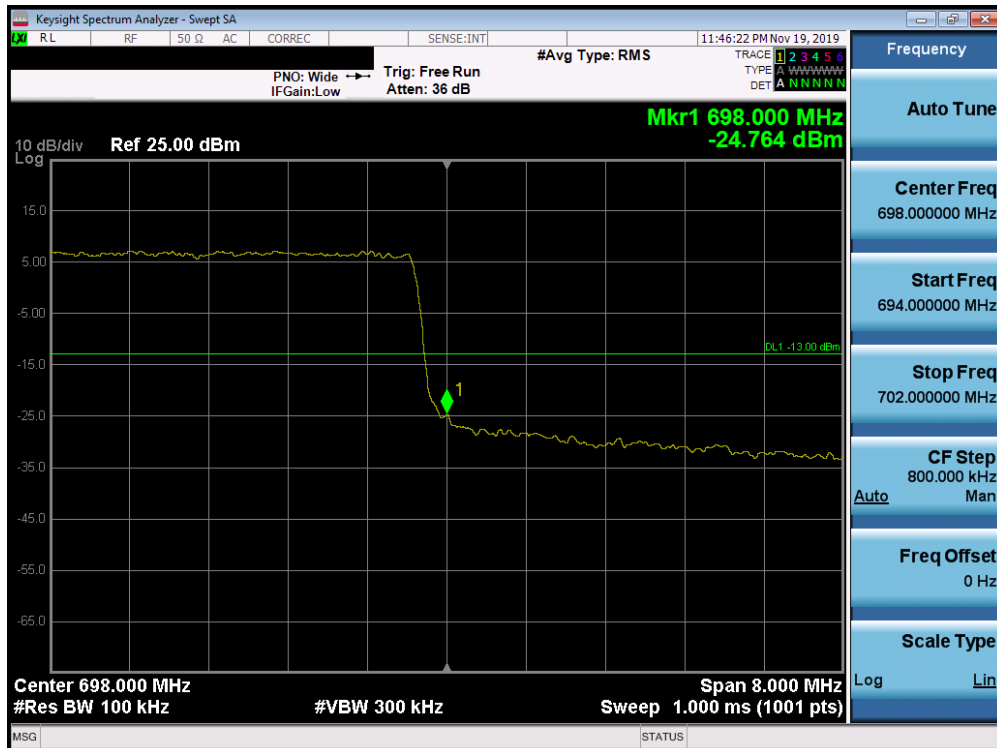


Plot 7-669. Upper Band Edge Plot (n71 - 5MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 430 of 495

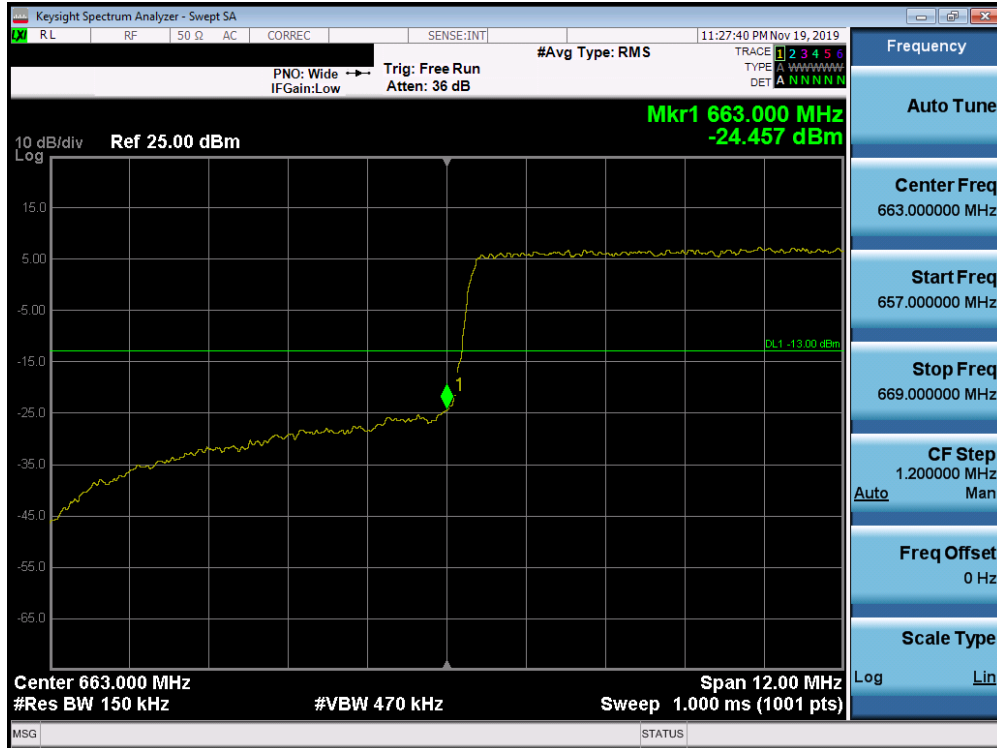


Plot 7-670. Lower Band Edge Plot (n71 - 10MHz CP-OFDM-QPSK - Full RB Configuration)



Plot 7-671. Upper Band Edge Plot (n71 - 10MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 431 of 495

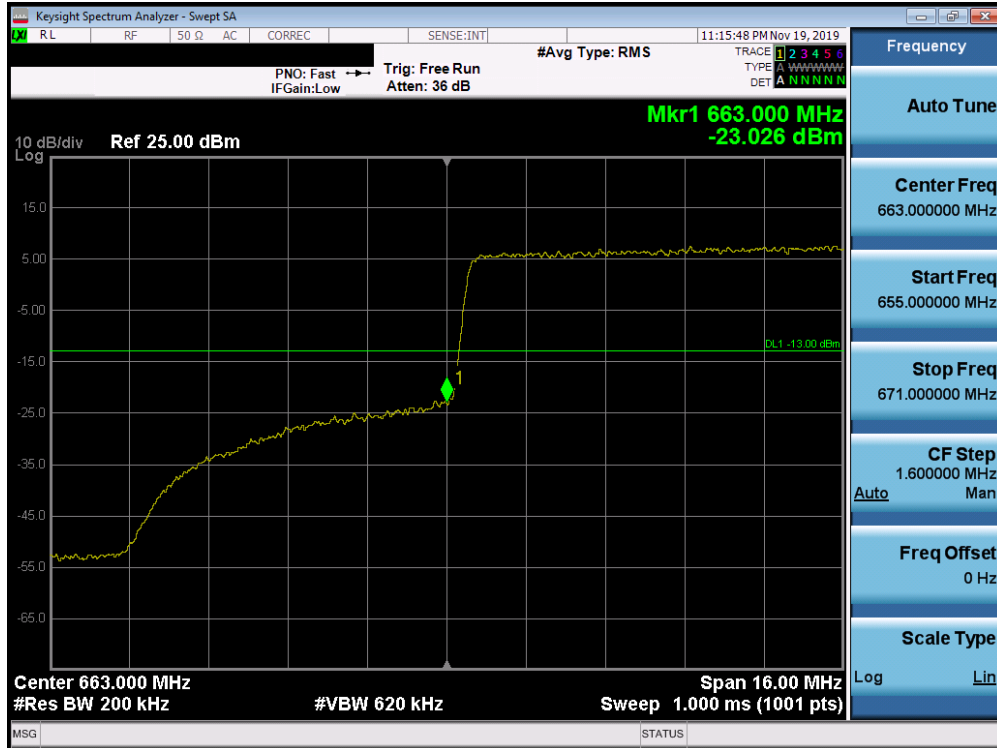


Plot 7-672. Lower Band Edge Plot (n71 - 15MHz CP-OFDM-QPSK - Full RB Configuration)



Plot 7-673. Upper Band Edge Plot (n71 - 15MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 432 of 495



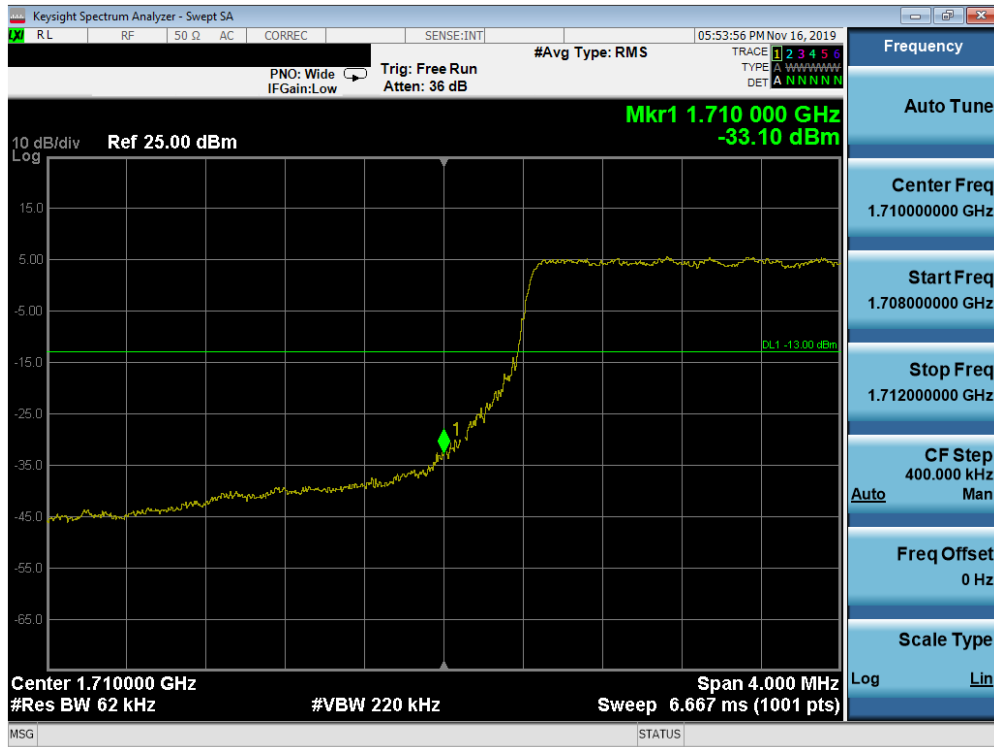
Plot 7-674. Lower Band Edge Plot (n71 - 20MHz CP-OFDM-QPSK - Full RB Configuration)



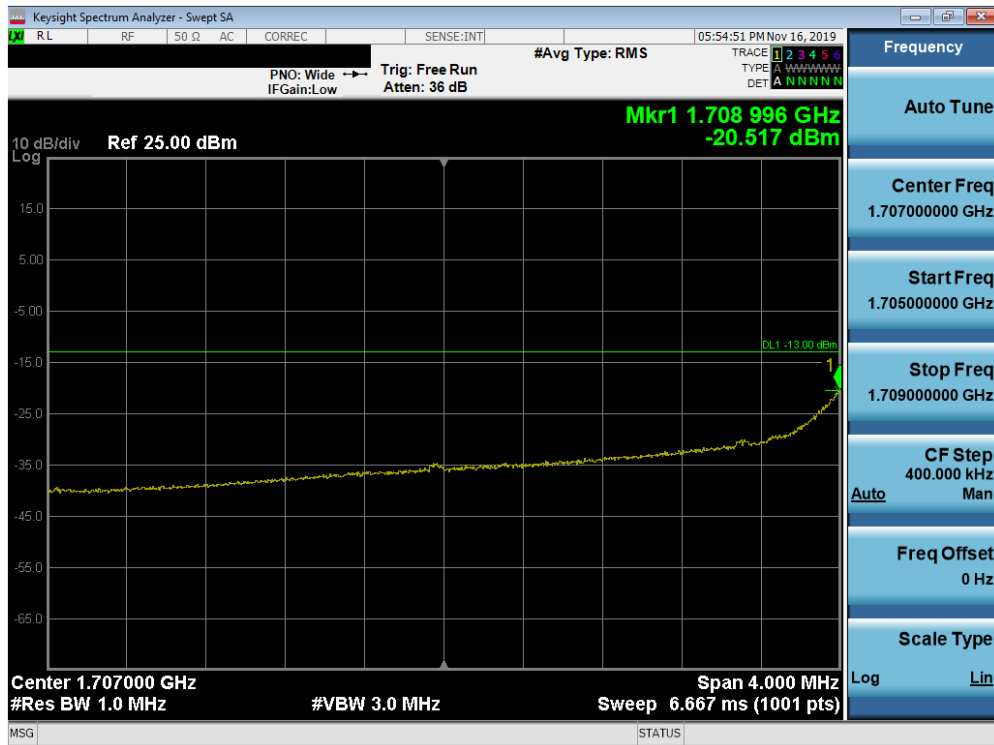
Plot 7-675. Upper Band Edge Plot (n71- 20MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 433 of 495

NR Band n66

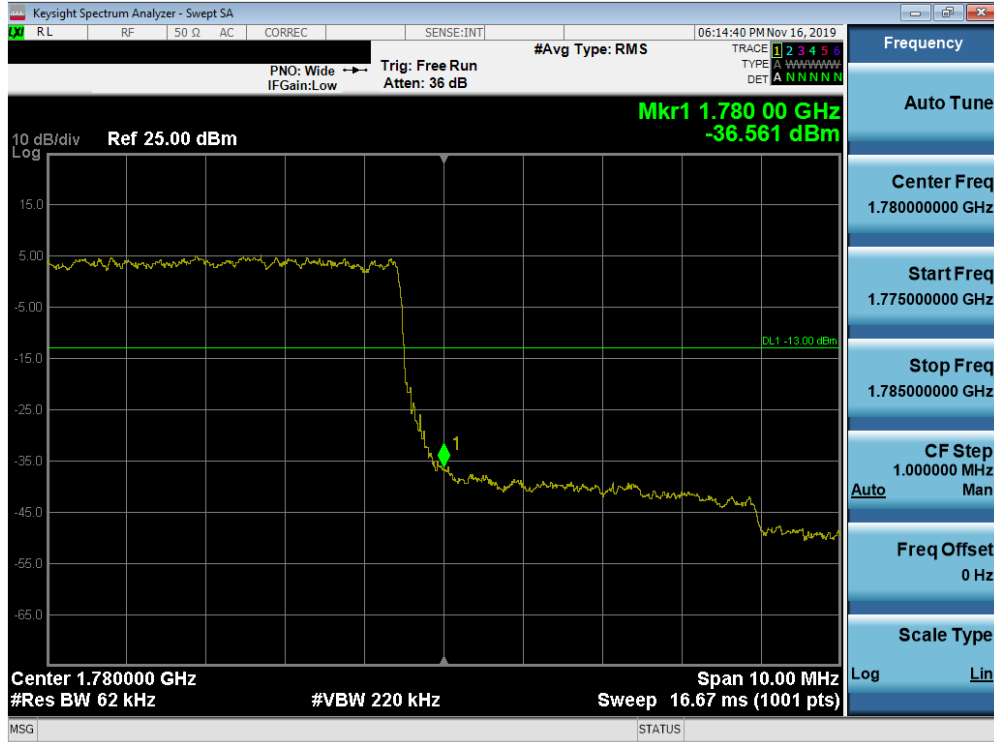


Plot 7-676. Lower Band Edge Plot (Band n66 - 5.0MHz CP-OFDM- CP-OFDM-QPSK - Full RB Configuration)

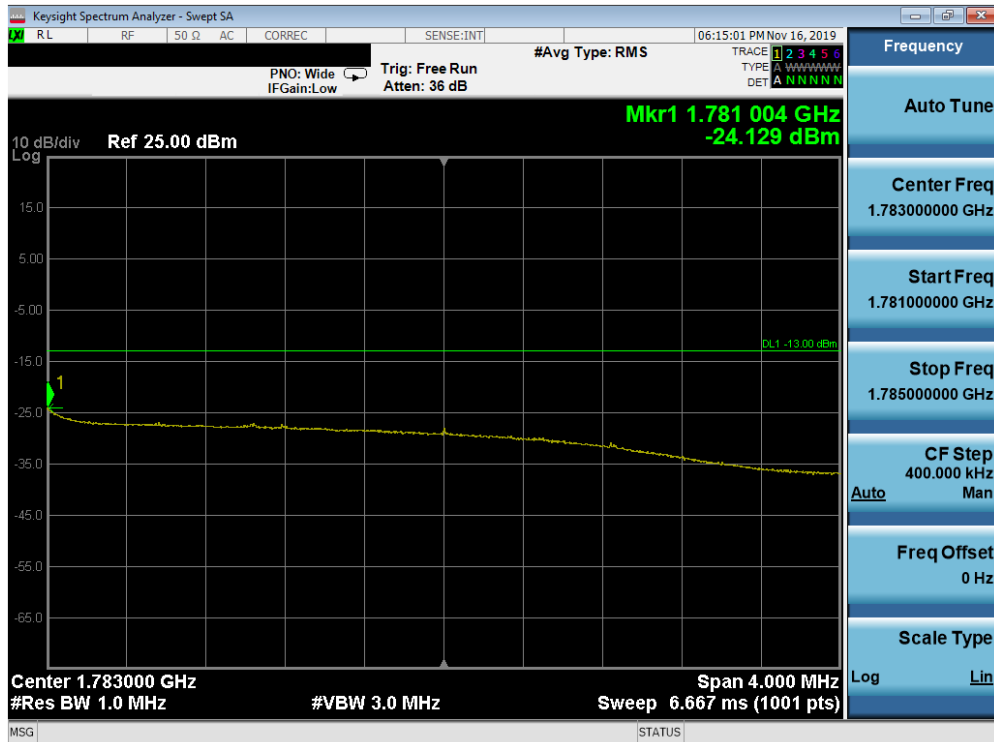


Plot 7-677. Lower Extended Band Edge Plot (Band n66 - 5.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 434 of 495

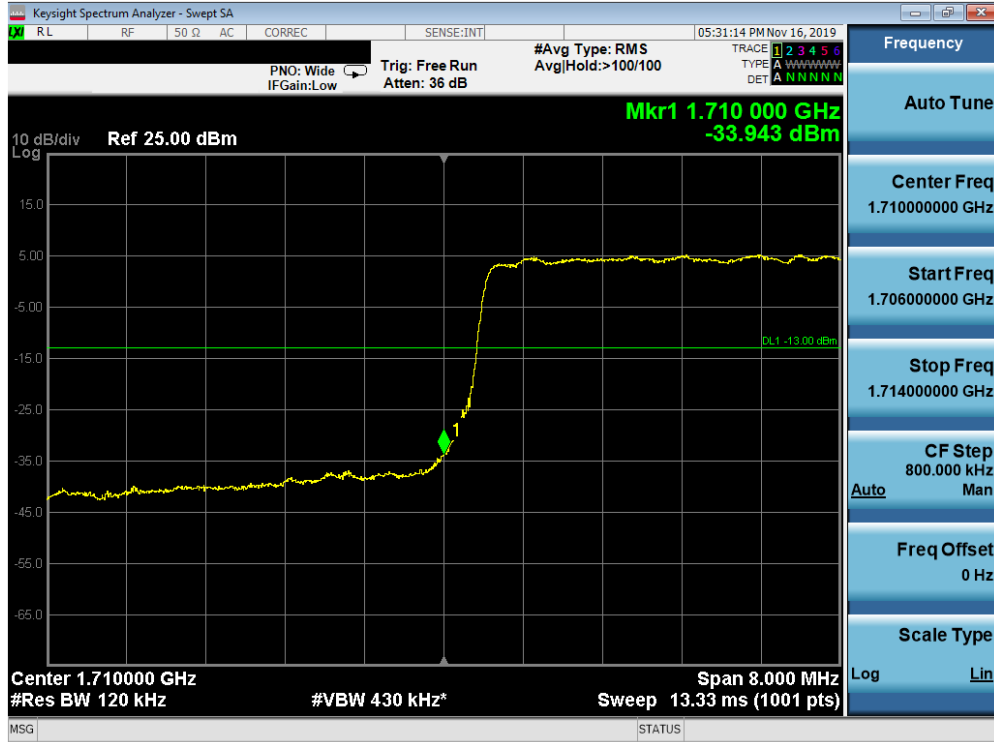


Plot 7-678. Upper Band Edge Plot (Band n66 - 5.0MHz CP-OFDM-QPSK - Full RB Configuration)

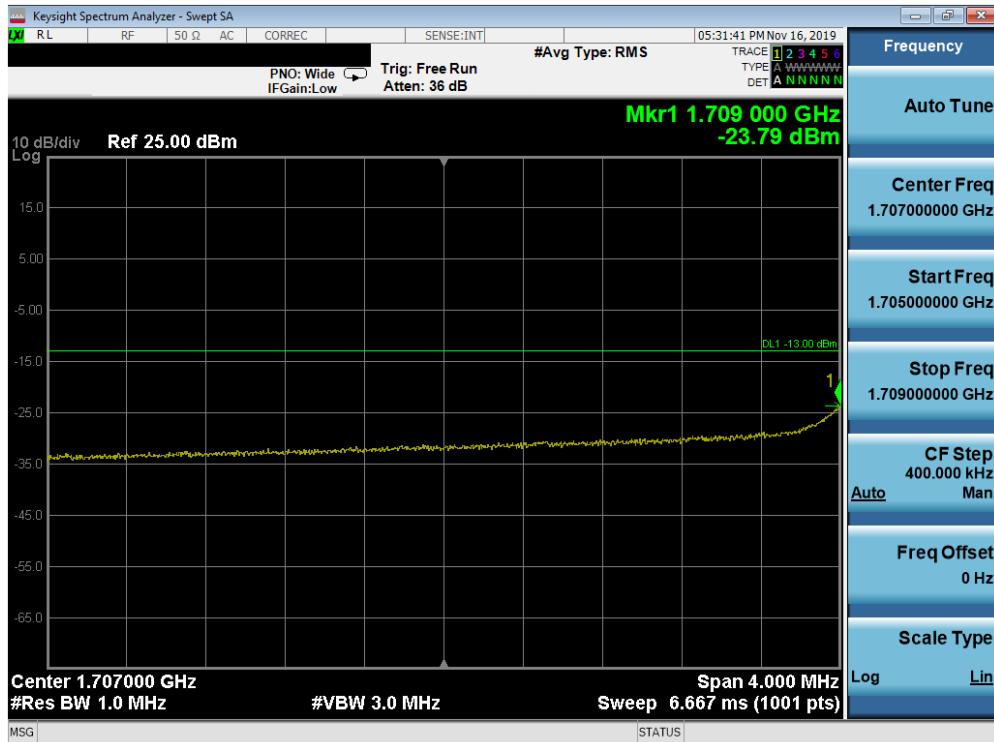


Plot 7-679. Upper Extended Band Edge Plot (Band n66 - 5.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 435 of 495

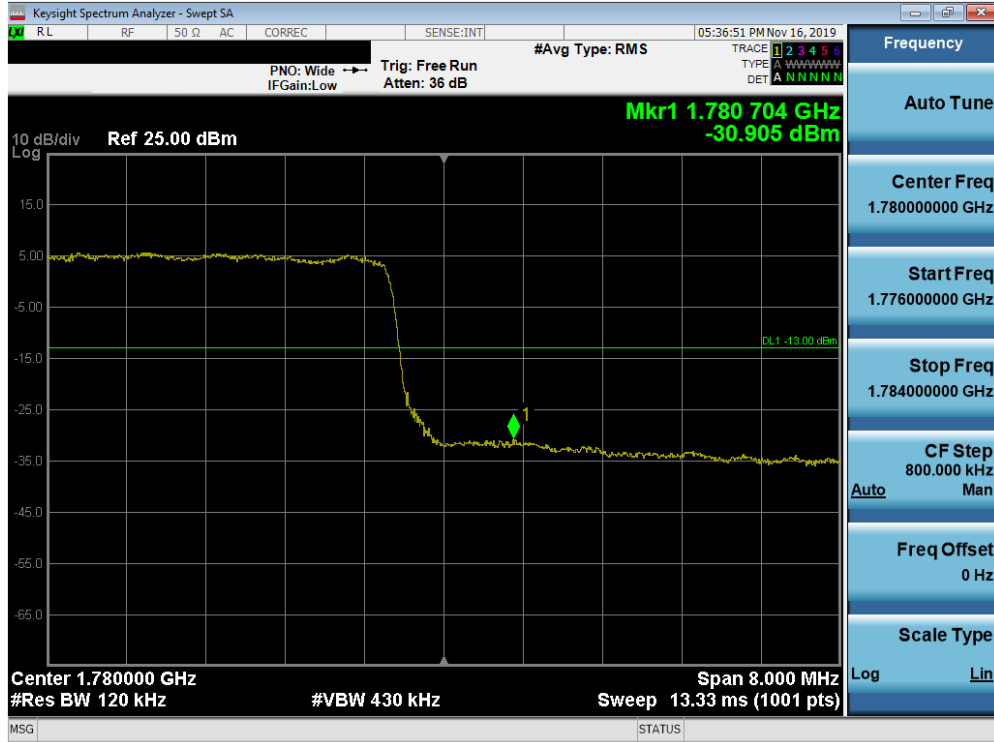


Plot 7-680. Lower Band Edge Plot (Band n66 - 10.0MHz CP-OFDM-QPSK - Full RB Configuration)

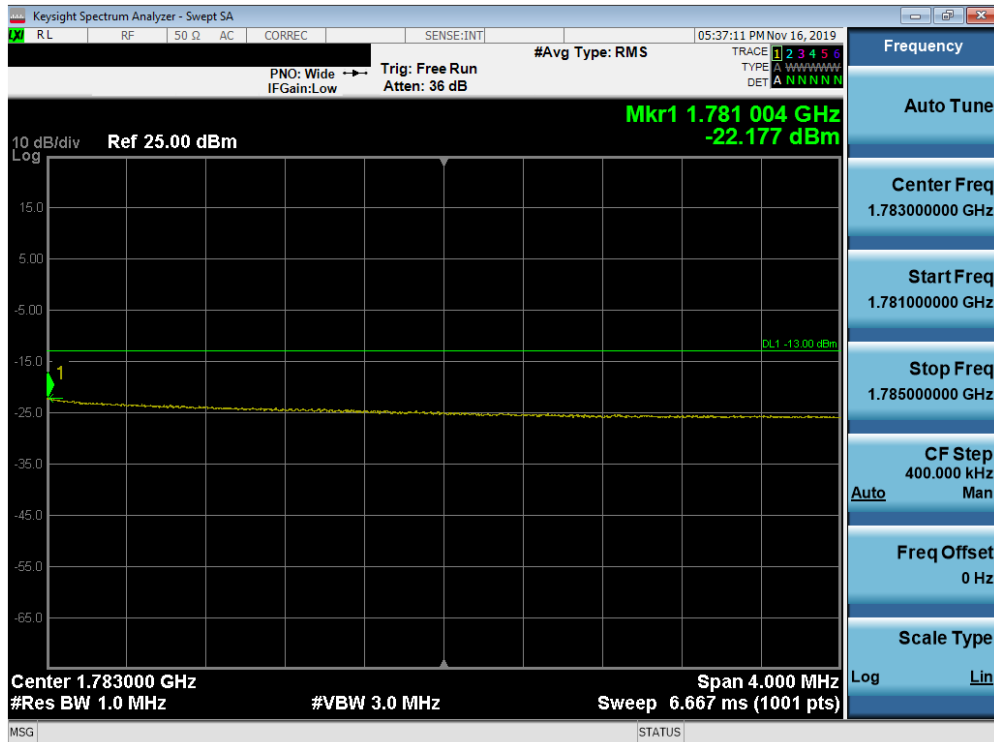


Plot 7-681. Lower Extended Band Edge Plot (Band n66 - 10.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 436 of 495

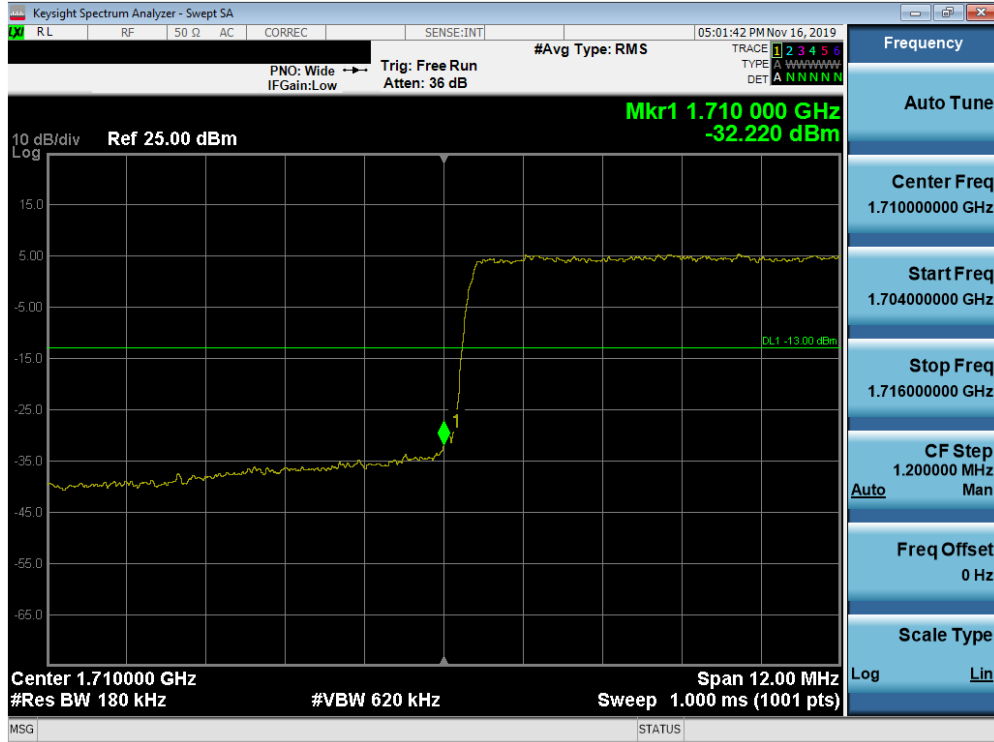


Plot 7-682. Upper Band Edge Plot (Band n66 - 10.0MHz CP-OFDM-QPSK - Full RB Configuration)

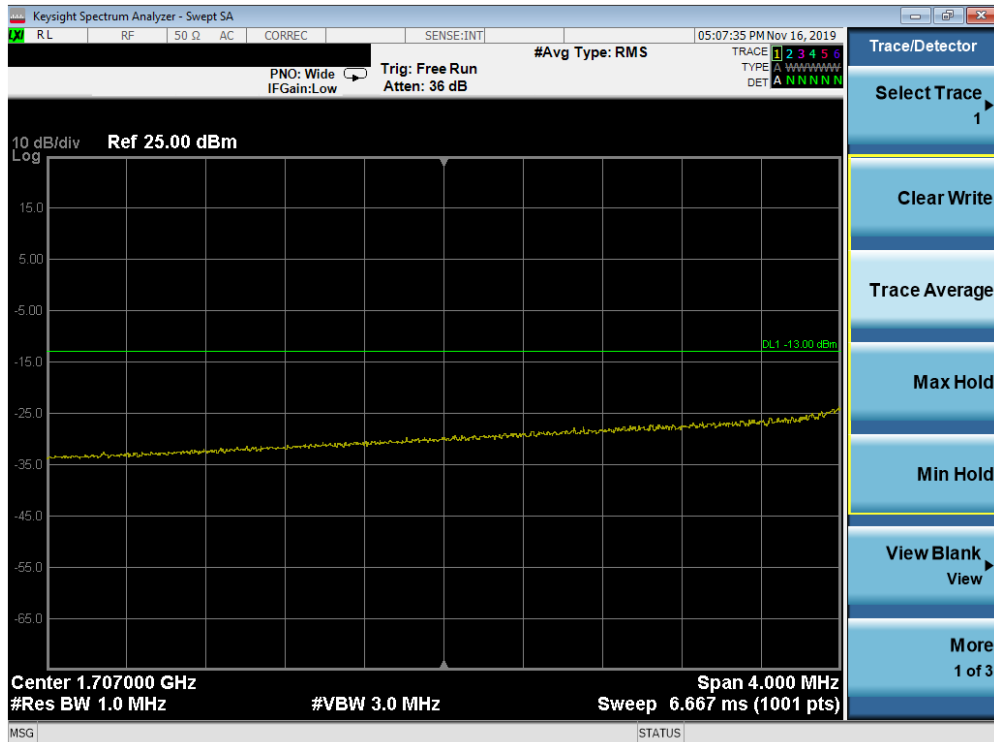


Plot 7-683. Upper Extended Band Edge Plot (Band n66 - 10.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 437 of 495

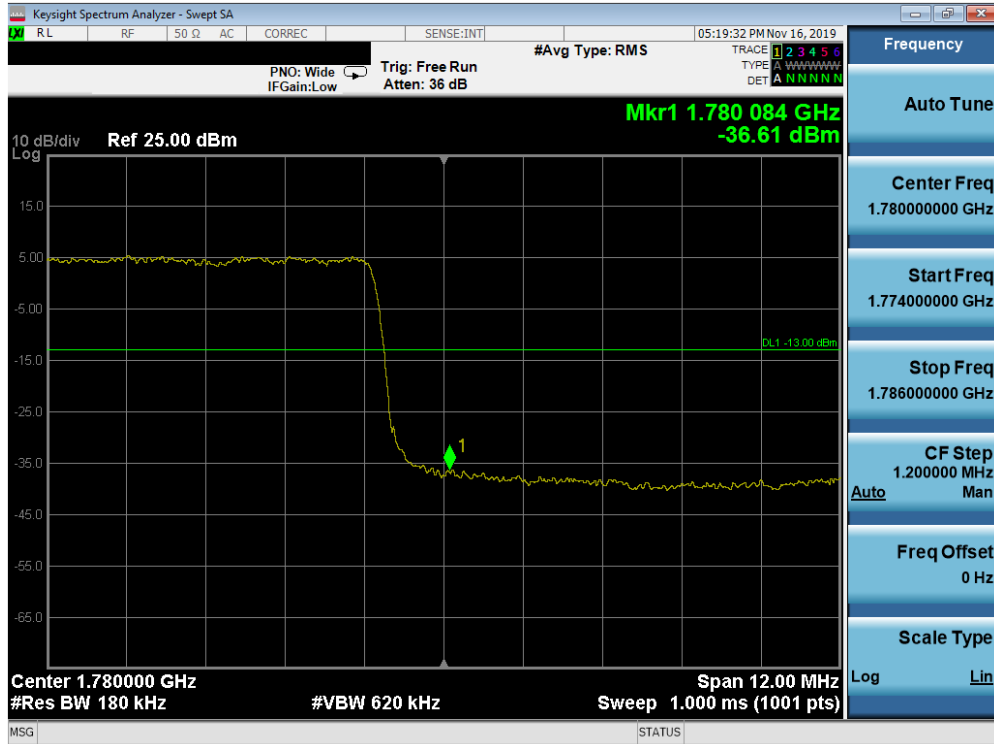


Plot 7-684. Lower Band Edge Plot (Band n66 - 15.0MHz CP-OFDM-QPSK - Full RB Configuration)

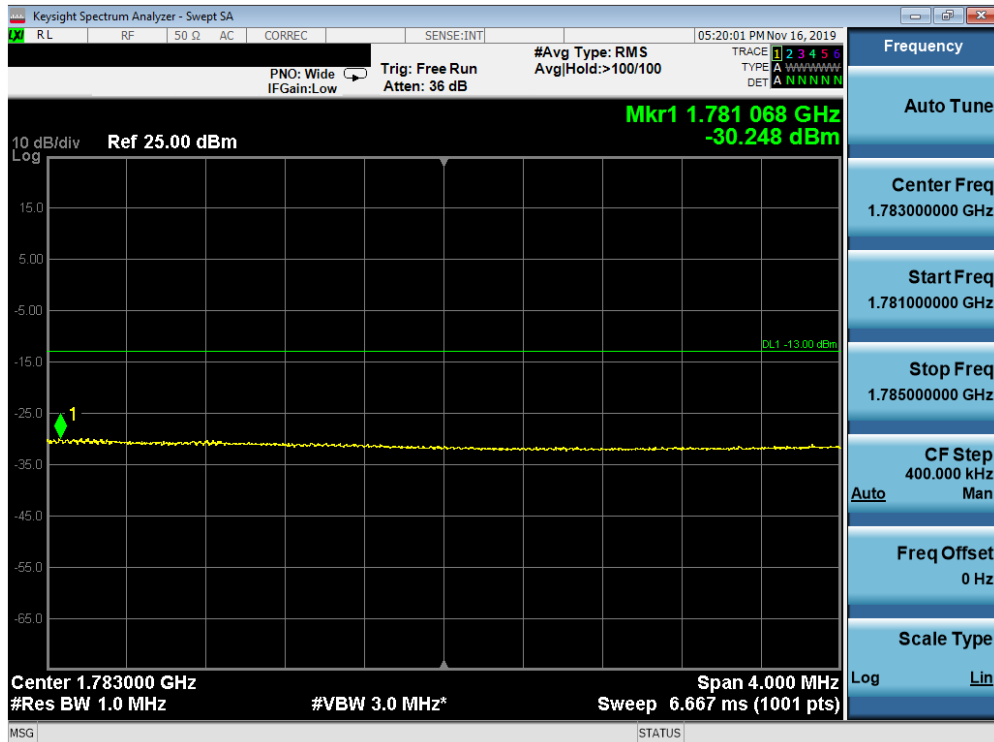


Plot 7-685. Lower Extended Band Edge Plot (Band n66 - 15.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 438 of 495

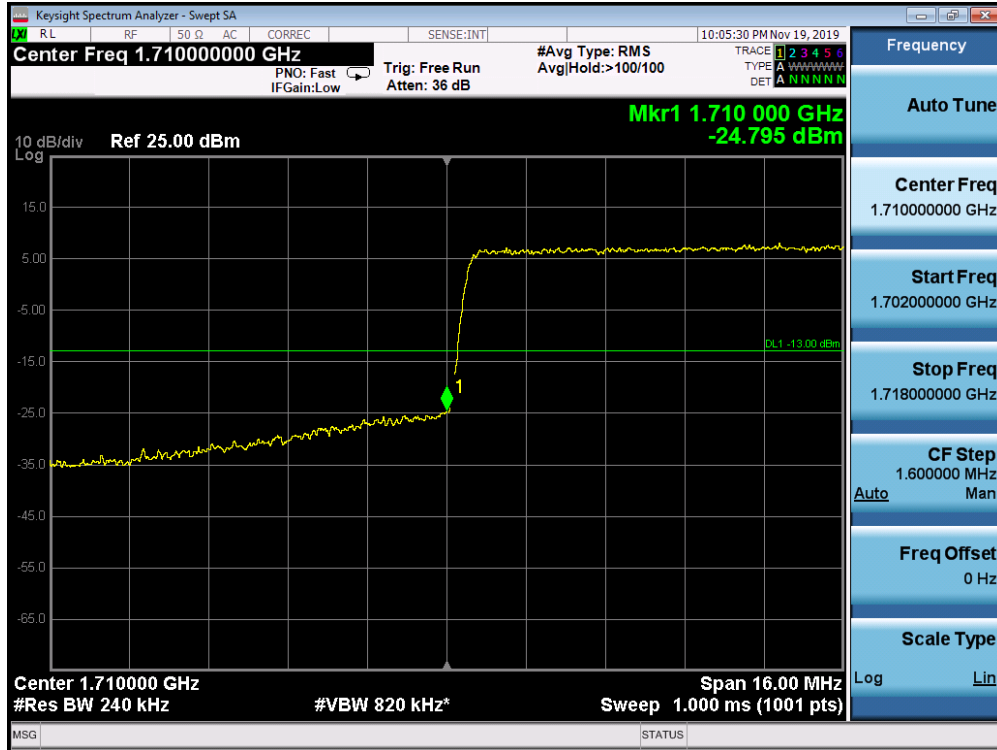


Plot 7-686. Upper Band Edge Plot (Band n66 - 15.0MHz CP-OFDM-QPSK - Full RB Configuration)

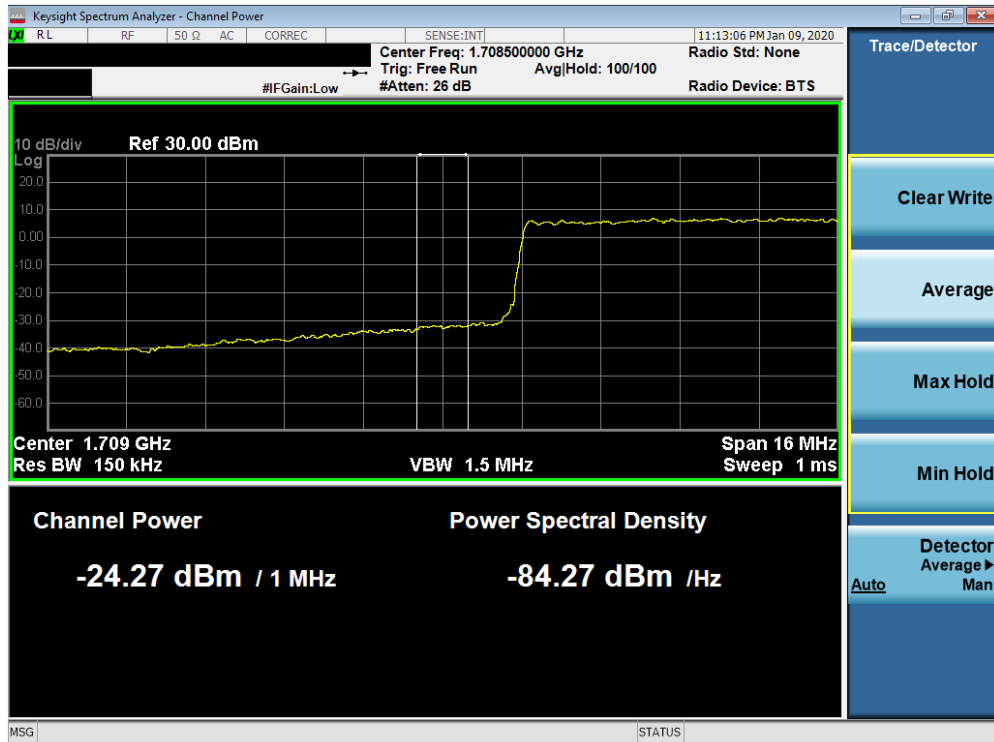


Plot 7-687. Upper Extended Band Edge Plot (Band n66 - 15.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 439 of 495



Plot 7-688. Lower Band Edge Plot (Band n66 - 20.0MHz CP-OFDM-QPSK - Full RB Configuration)

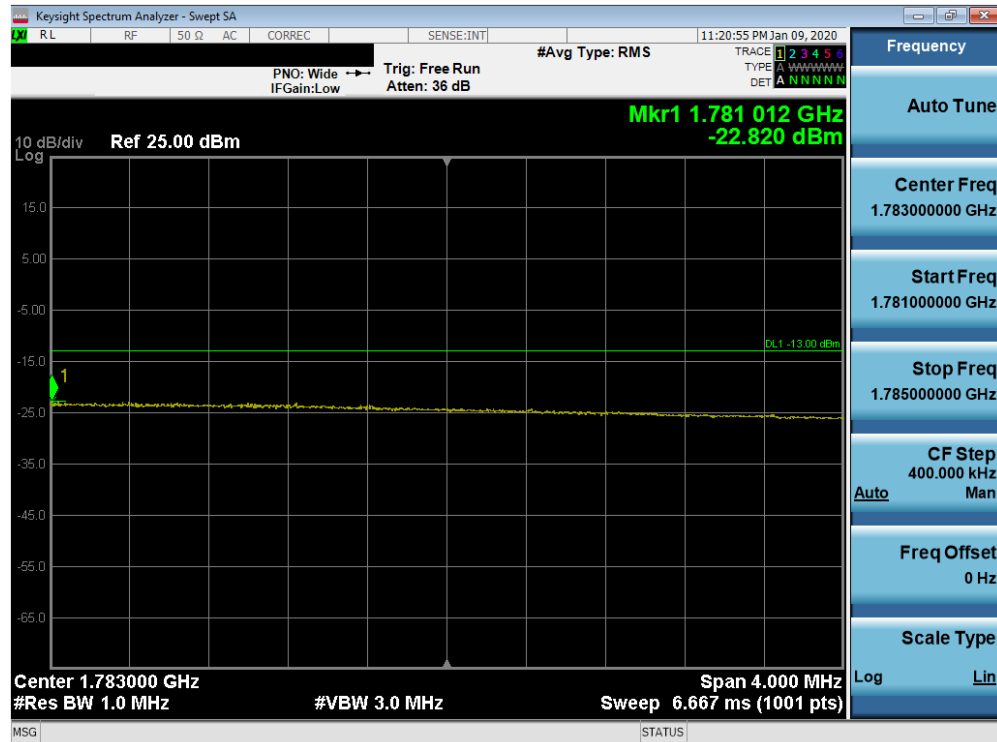


Plot 7-689. Lower Extended Band Edge Plot (Band n66 - 20.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 440 of 495



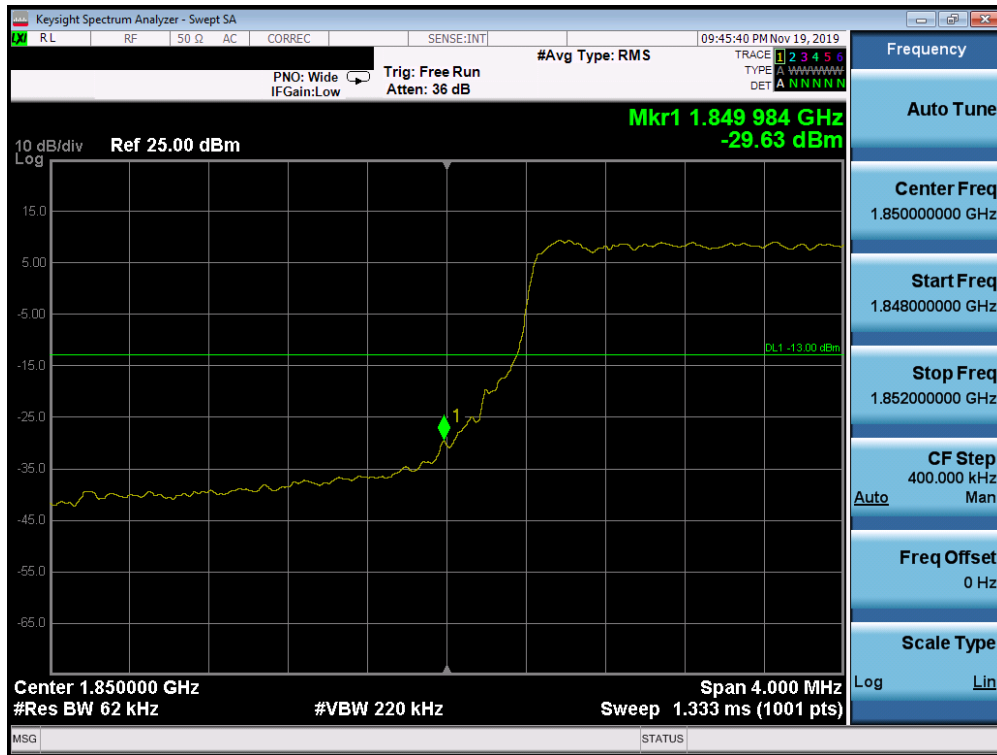
Plot 7-690. Upper Band Edge Plot (Band n66 - 20.0MHz CP-OFDM-QPSK - Full RB Configuration)



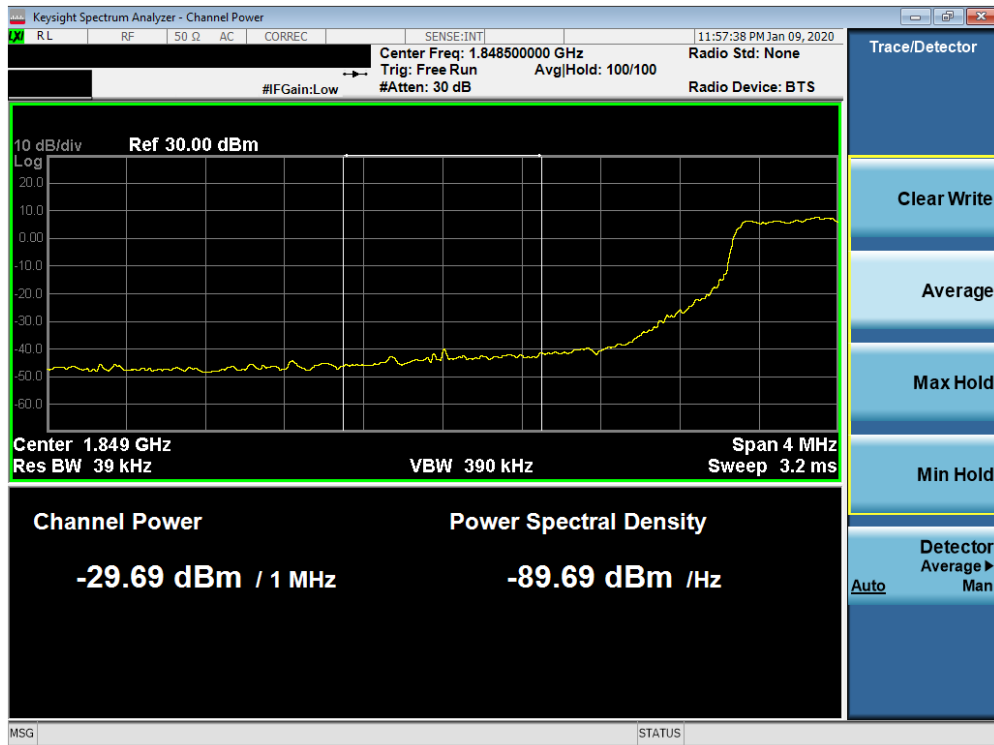
Plot 7-691. Upper Extended Band Edge Plot (Band n66 - 20.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 441 of 495

NR Band n2



Plot 7-692. Lower Band Edge Plot (Band n2 - 5.0MHz CP-OFDM-QPSK - Full RB Configuration)

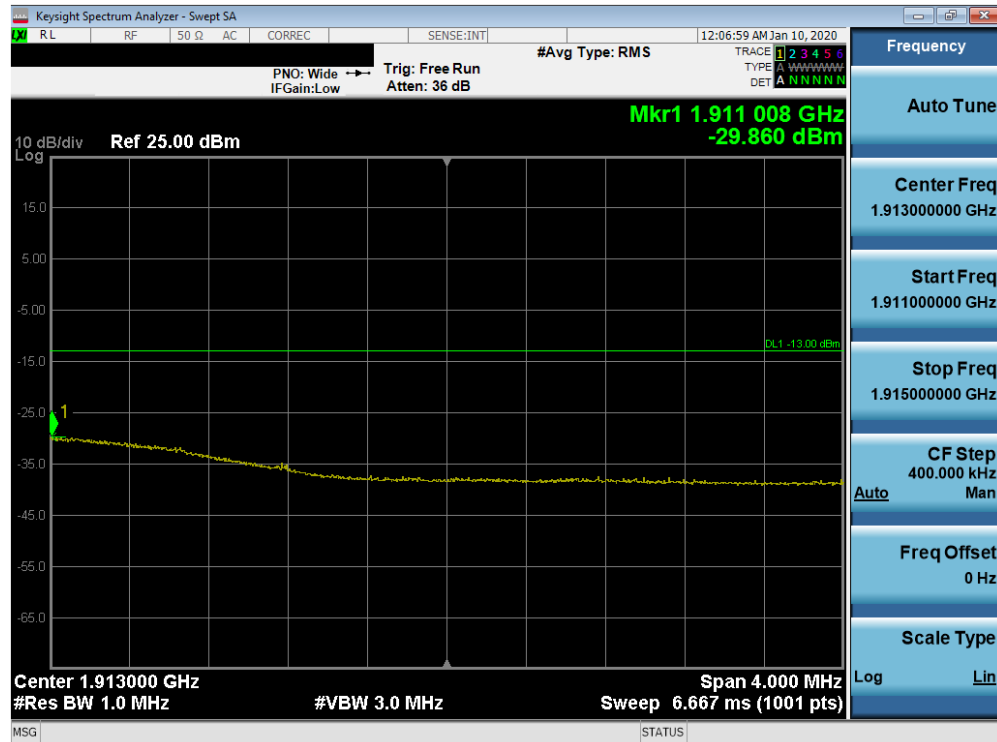


Plot 7-693. Lower Extended Band Edge Plot (Band n2 - 5.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 442 of 495

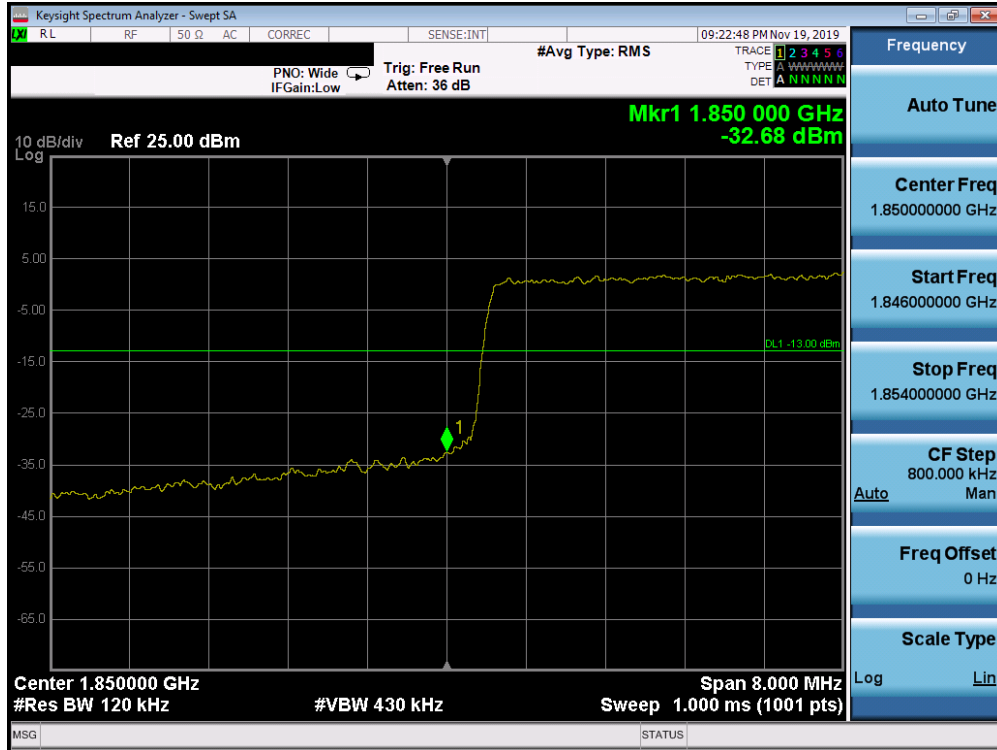


Plot 7-694. Upper Band Edge Plot (Band n2 - 5.0MHz CP-OFDM-QPSK - Full RB Configuration)

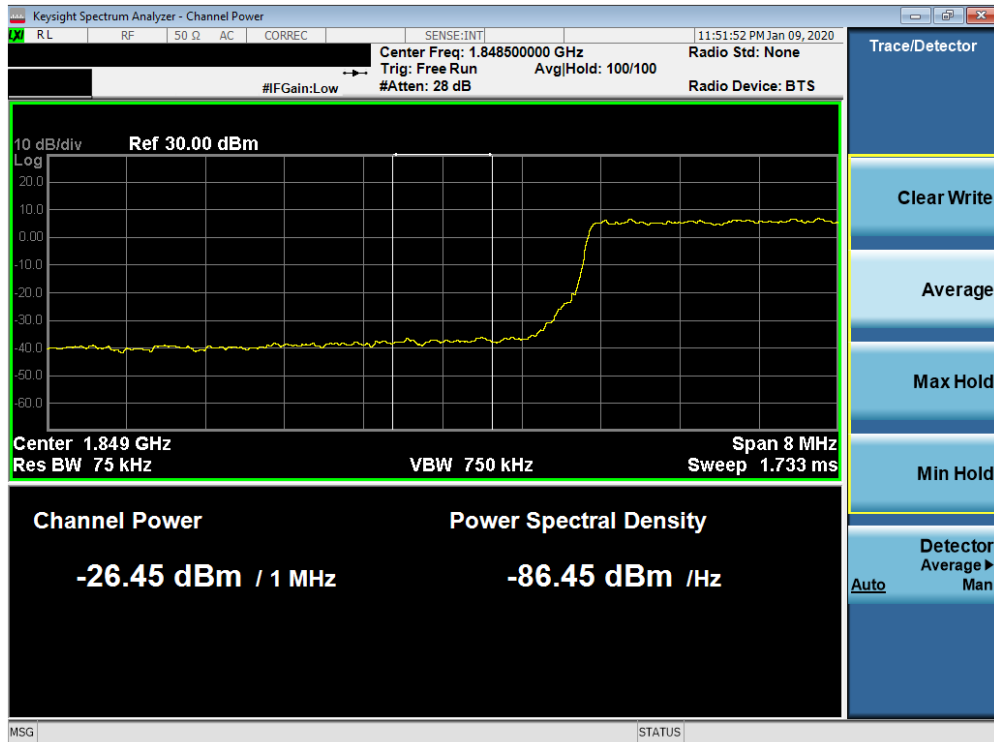


Plot 7-695. Upper Extended Band Edge Plot (Band n2 - 5.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 443 of 495



Plot 7-696. Lower Band Edge Plot (Band n2 - 10.0MHz CP-OFDM-QPSK - Full RB Configuration)

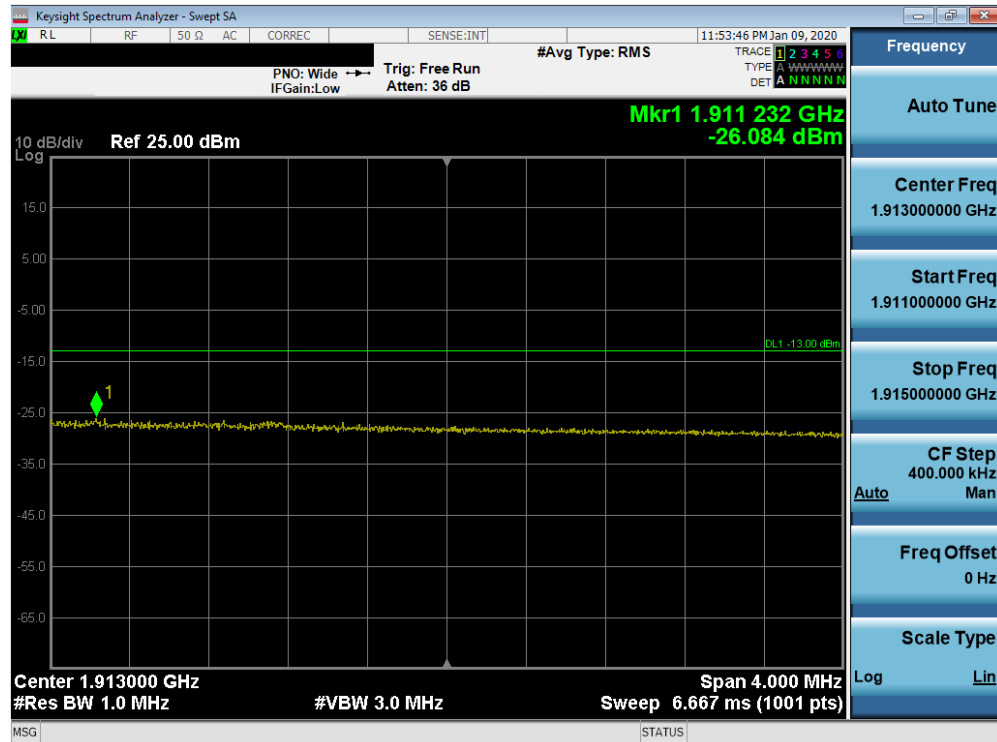


Plot 7-697. Lower Extended Band Edge Plot (Band n2 - 10.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 444 of 495

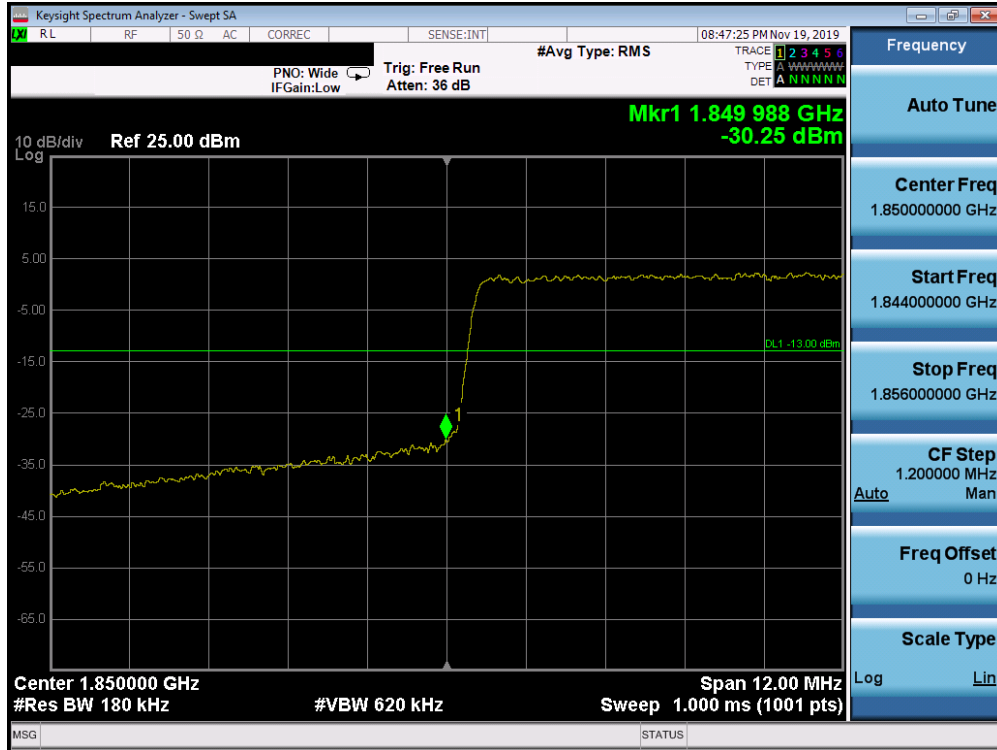


Plot 7-698. Upper Band Edge Plot (Band n2 - 10.0MHz CP-OFDM-QPSK - Full RB Configuration)

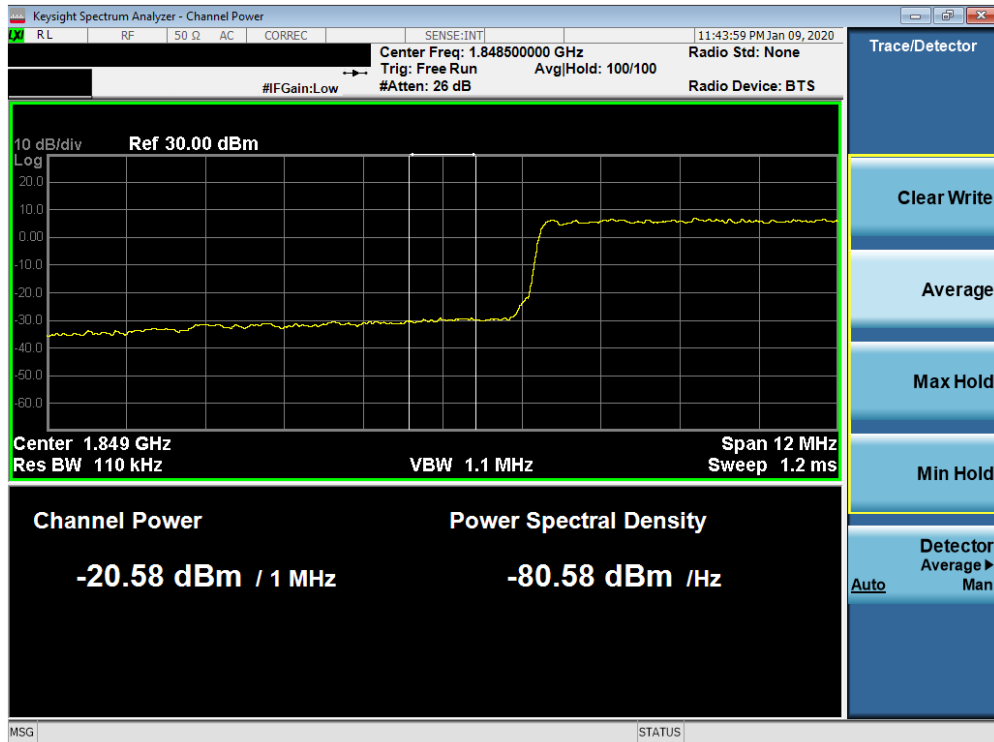


Plot 7-699. Upper Extended Band Edge Plot (Band n2 - 10.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 445 of 495



Plot 7-700. Lower Band Edge Plot (Band n2 - 15.0MHz CP-OFDM-QPSK - Full RB Configuration)

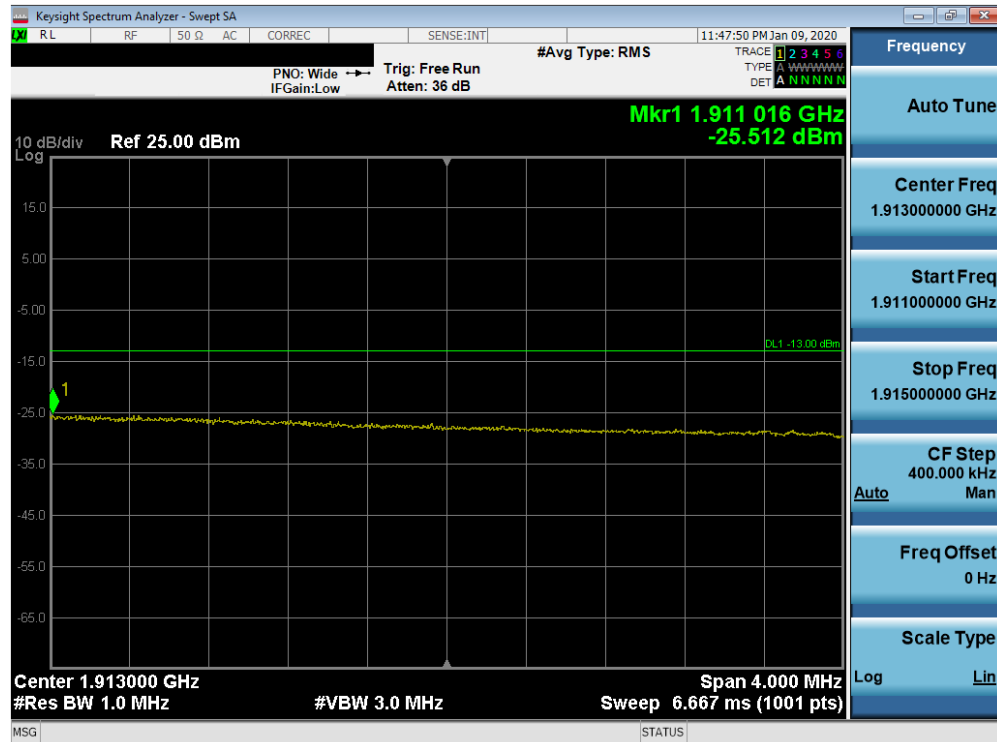


Plot 7-701. Lower Extended Band Edge Plot (Band n2 - 15.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 446 of 495

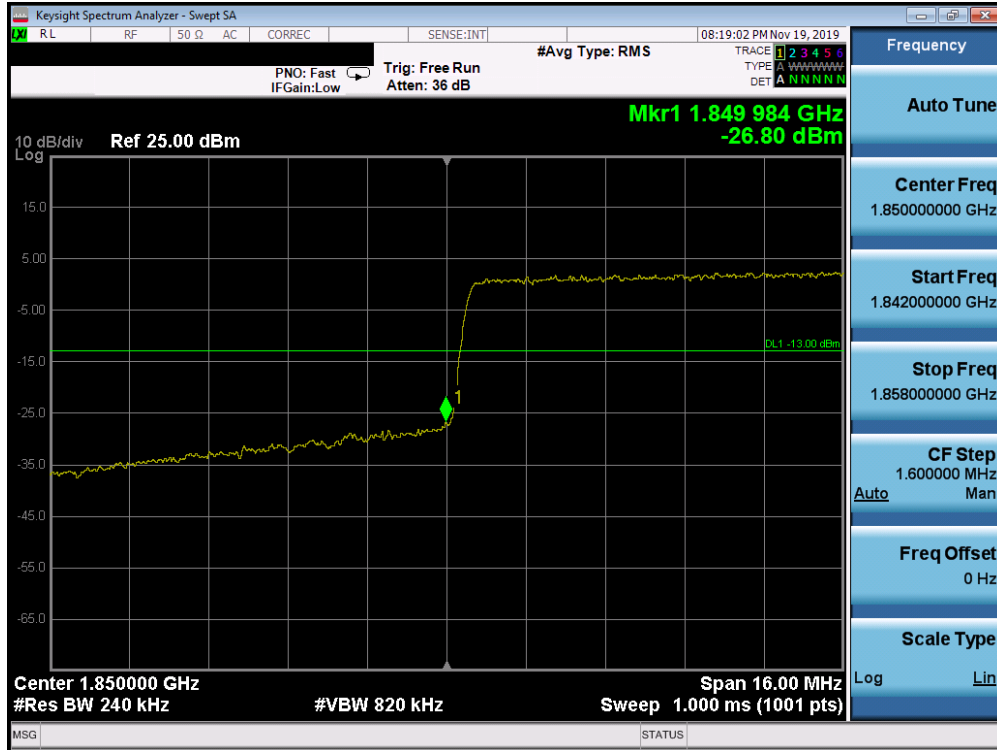


Plot 7-702. Upper Band Edge Plot (Band n2 - 15.0MHz CP-OFDM-QPSK - Full RB Configuration)

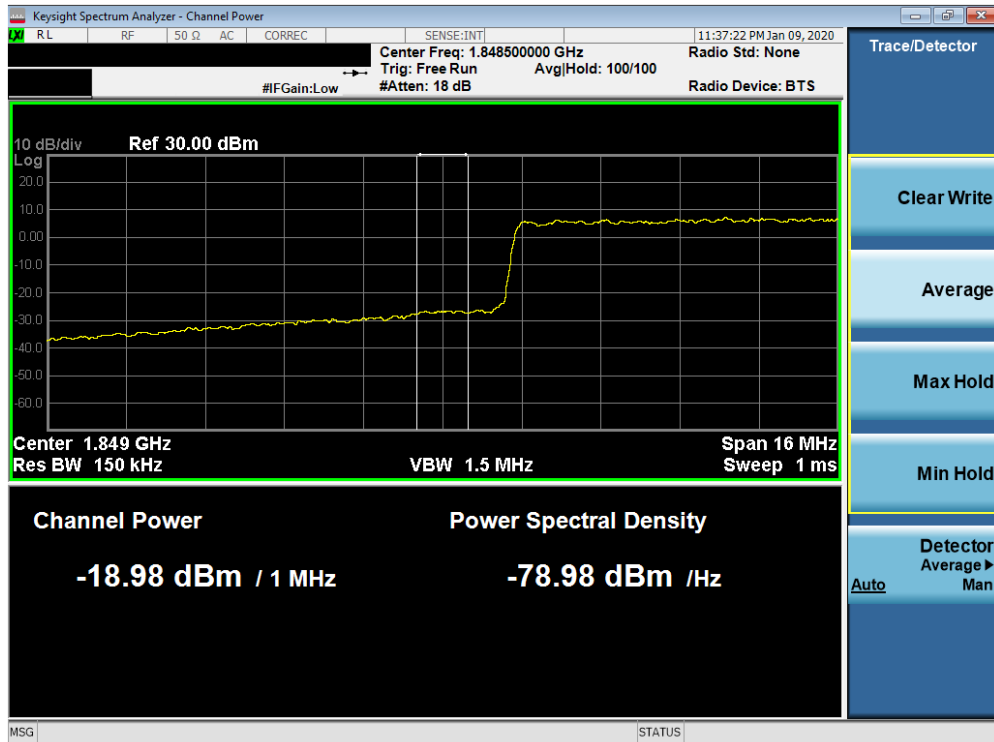


Plot 7-703. Upper Extended Band Edge Plot (Band n2 - 15.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 447 of 495

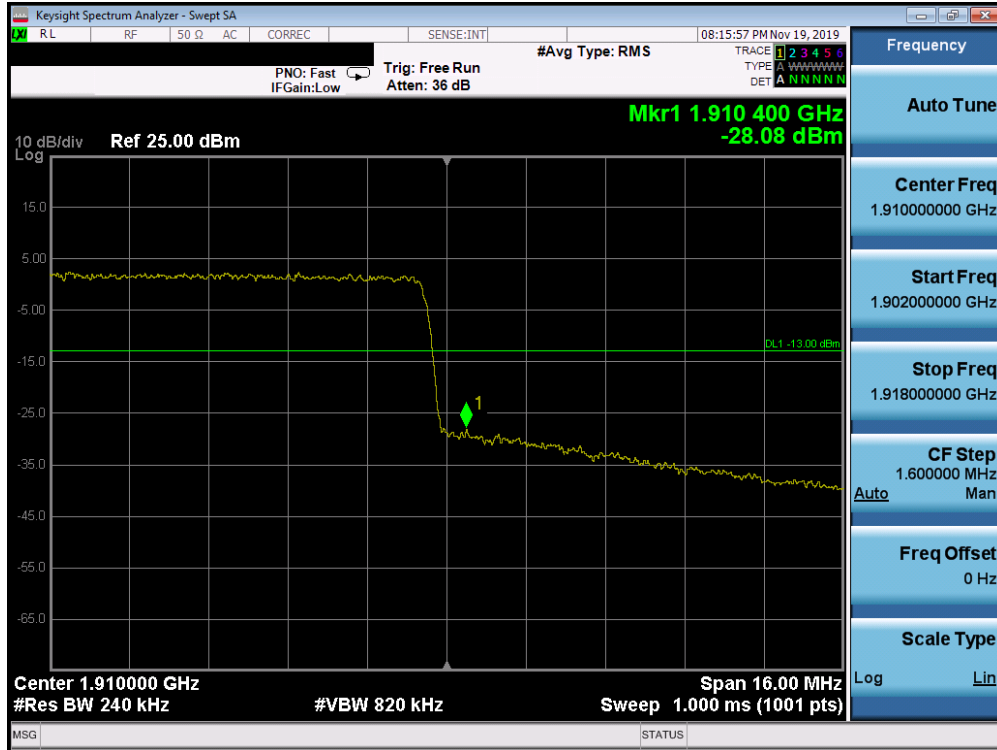


Plot 7-704. Lower Band Edge Plot (Band n2 - 20.0MHz CP-OFDM-QPSK - Full RB Configuration)

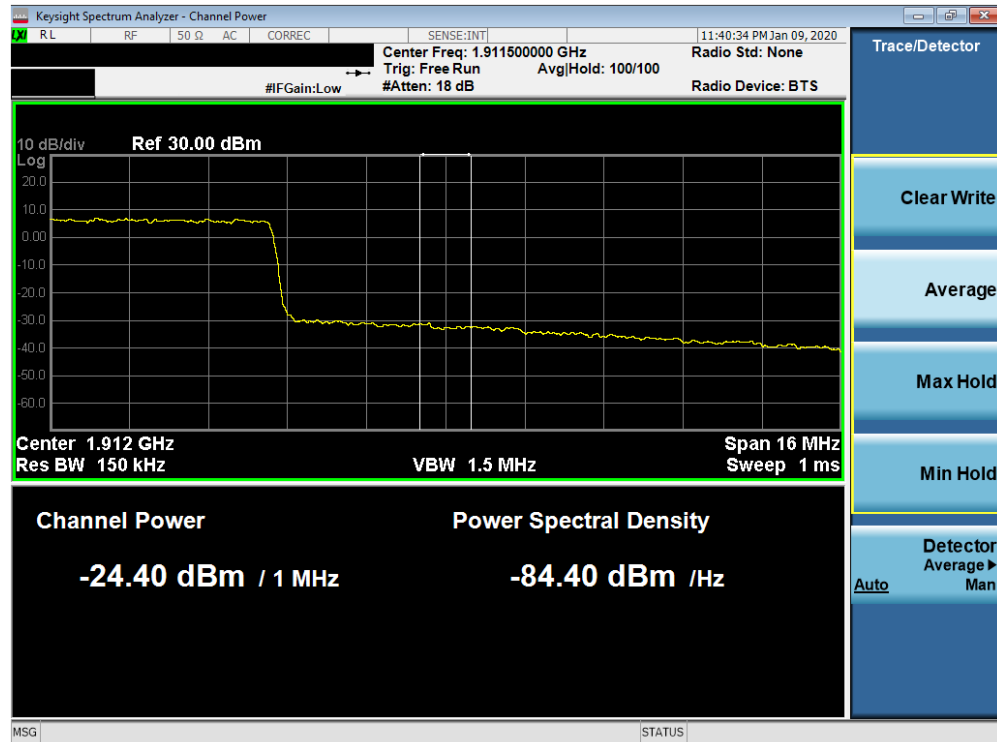


Plot 7-705. Lower Extended Band Edge Plot (Band n2 - 20.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 448 of 495



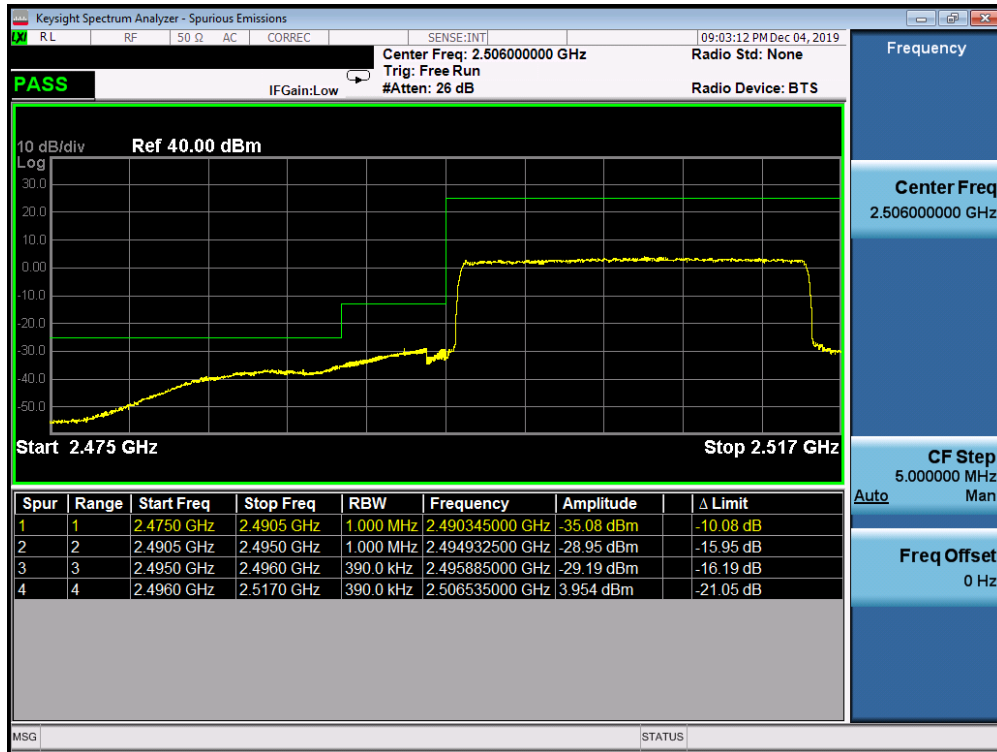
Plot 7-706. Upper Band Edge Plot (Band n2 - 20.0MHz CP-OFDM-QPSK - Full RB Configuration)



Plot 7-707. Upper Extended Band Edge Plot (Band n2 - 20.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 449 of 495

Band n41

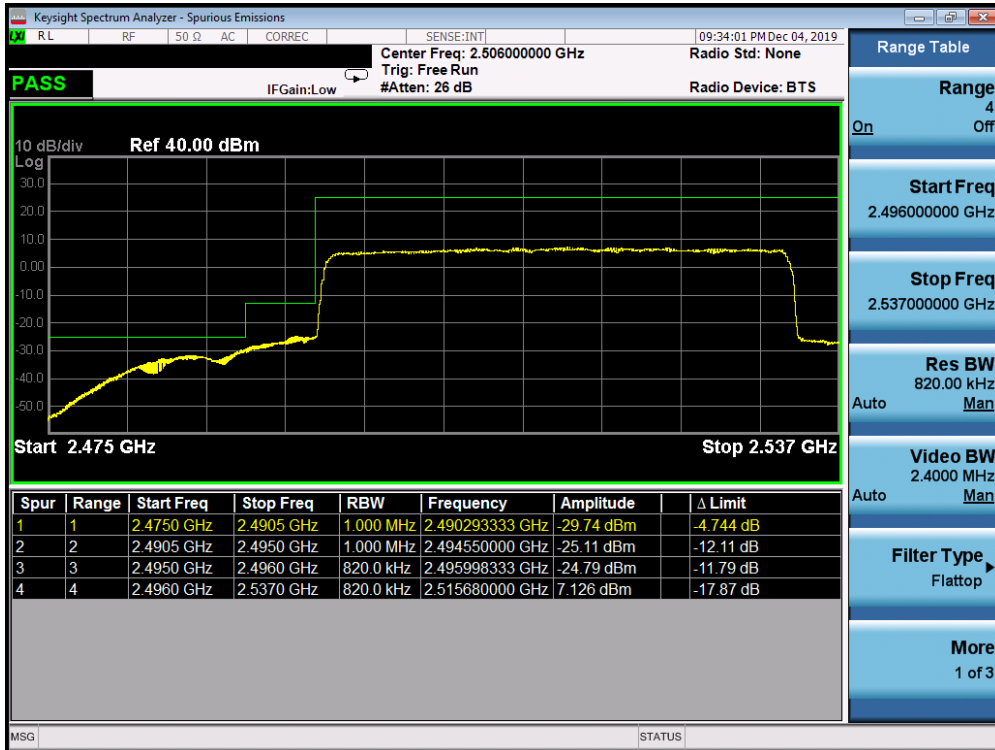


Plot 7-708. Lower ACP Plot at 2496 MHz (n41 - 20MHz CP-OFDM-QPSK - Full RB Configuration)

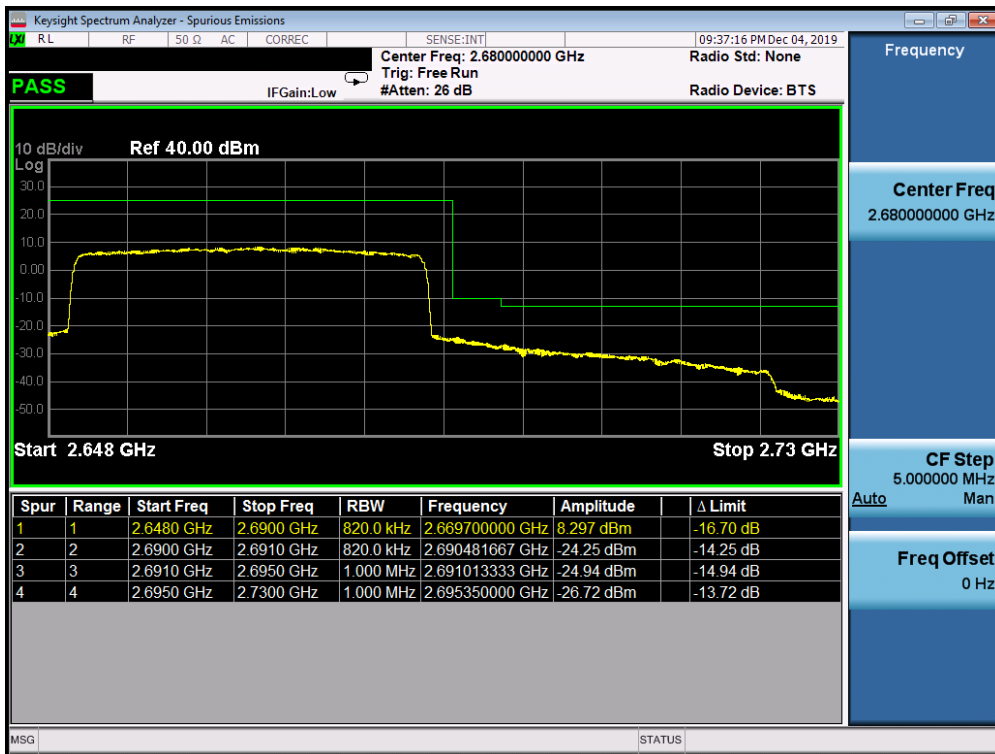


Plot 7-709. Upper ACP Plot (n41 - 20MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 450 of 495

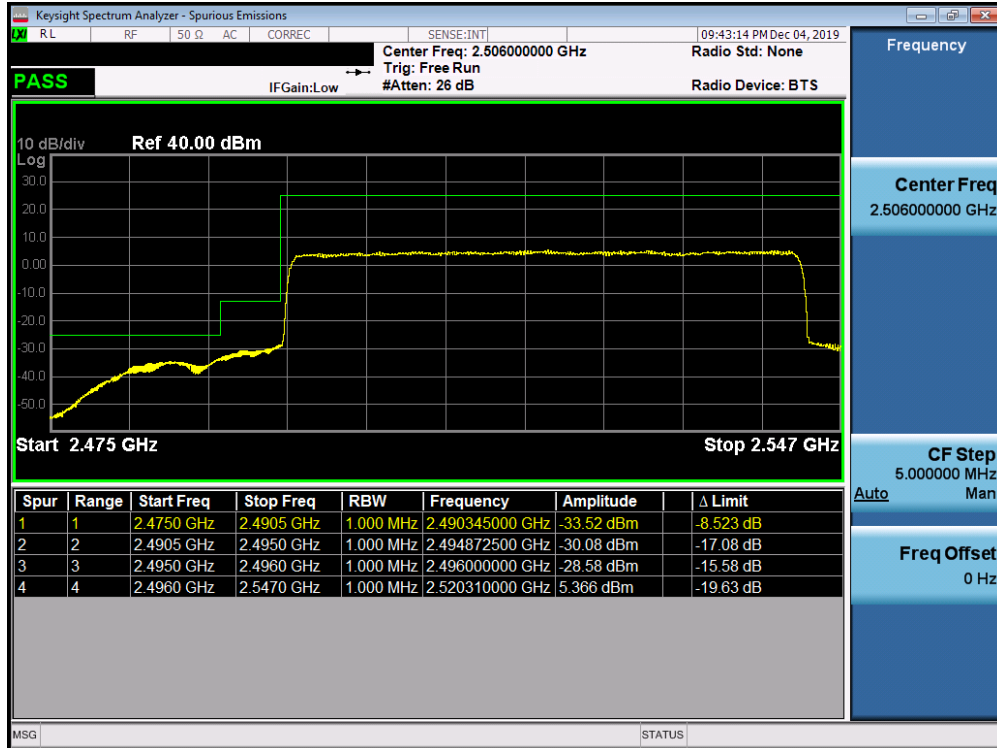


Plot 7-710. Lower ACP Plot at 2496 MHz (n41 - 40MHz CP-OFDM-QPSK - Full RB Configuration)



Plot 7-711. Upper ACP Plot (n41 - 40MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 451 of 495

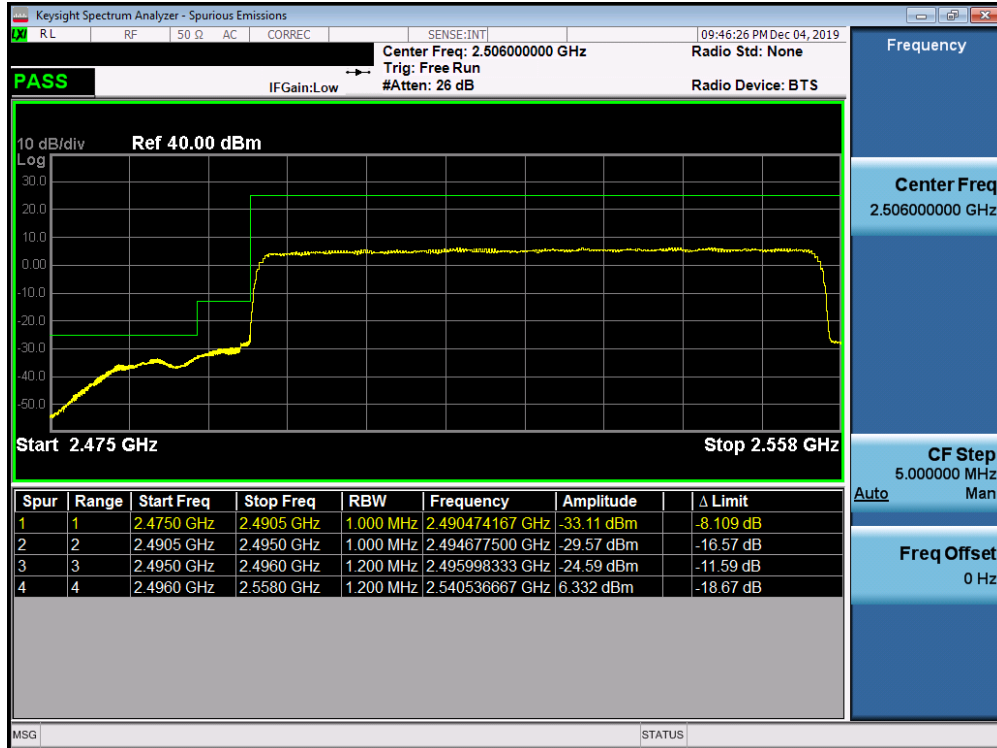


Plot 7-712. Lower ACP Plot at 2496 MHz (n41 - 50MHz CP-OFDM-QPSK - Full RB Configuration)



Plot 7-713. Upper ACP Plot (n41 - 50MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 452 of 495

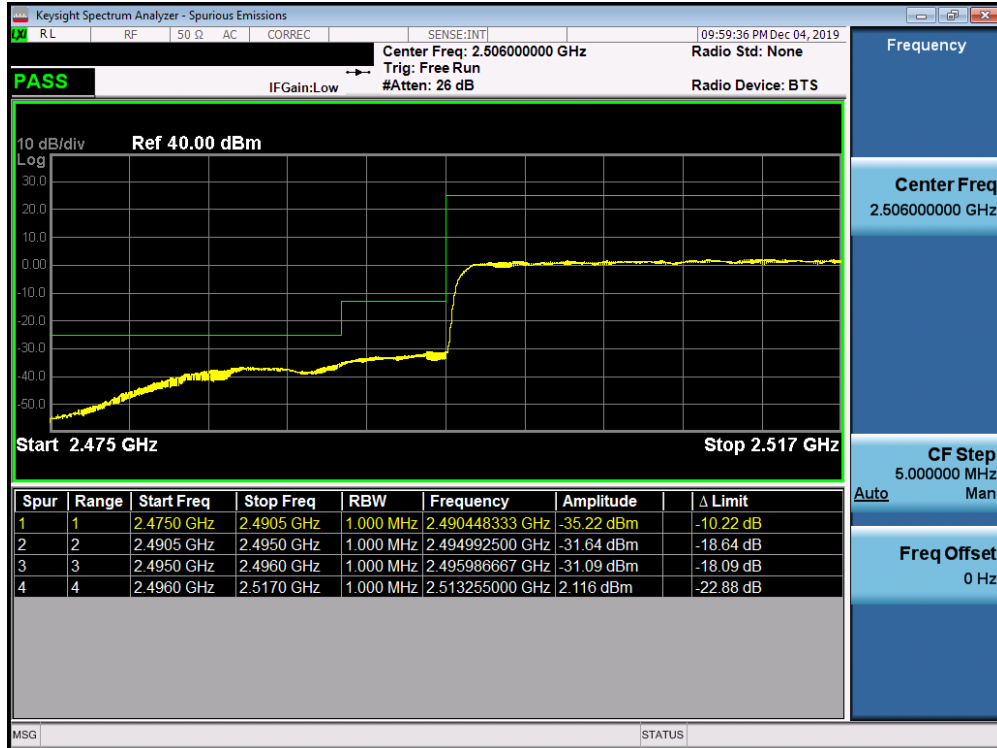


Plot 7-714. Lower ACP Plot at 2496 MHz (n41 - 60MHz CP-OFDM-QPSK - Full RB Configuration)



Plot 7-715. Upper ACP Plot (n41 - 60MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 453 of 495

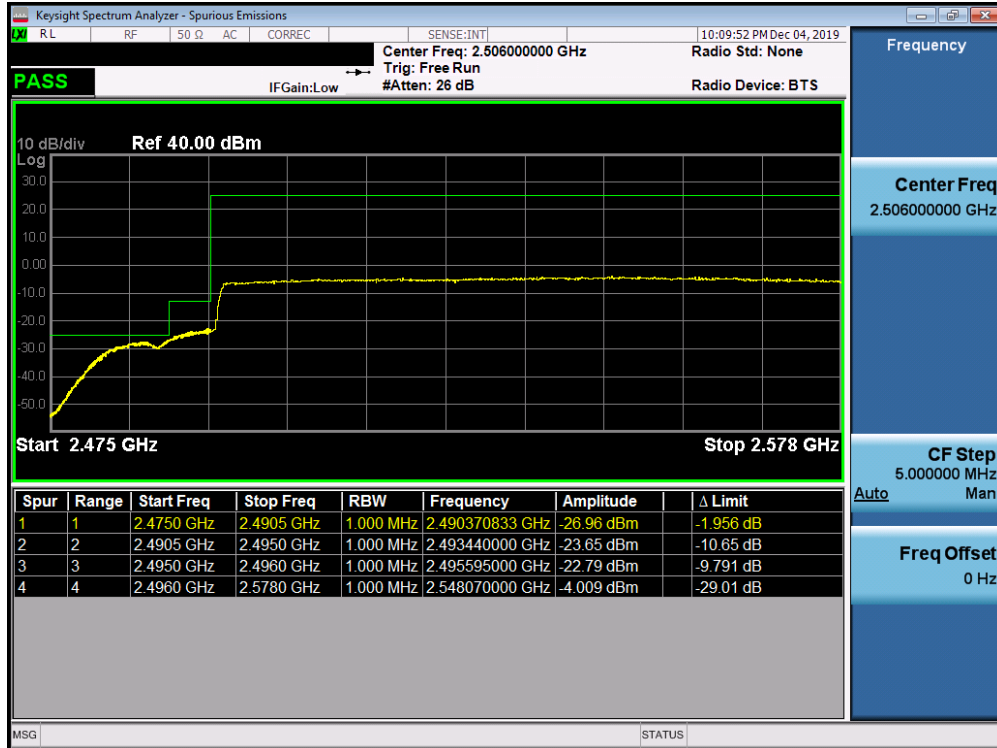


Plot 7-716. Lower ACP Plot at 2496 MHz (n41 - 80MHz CP-OFDM-QPSK - Full RB Configuration)



Plot 7-717. Upper ACP Plot (n41 - 80MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 454 of 495

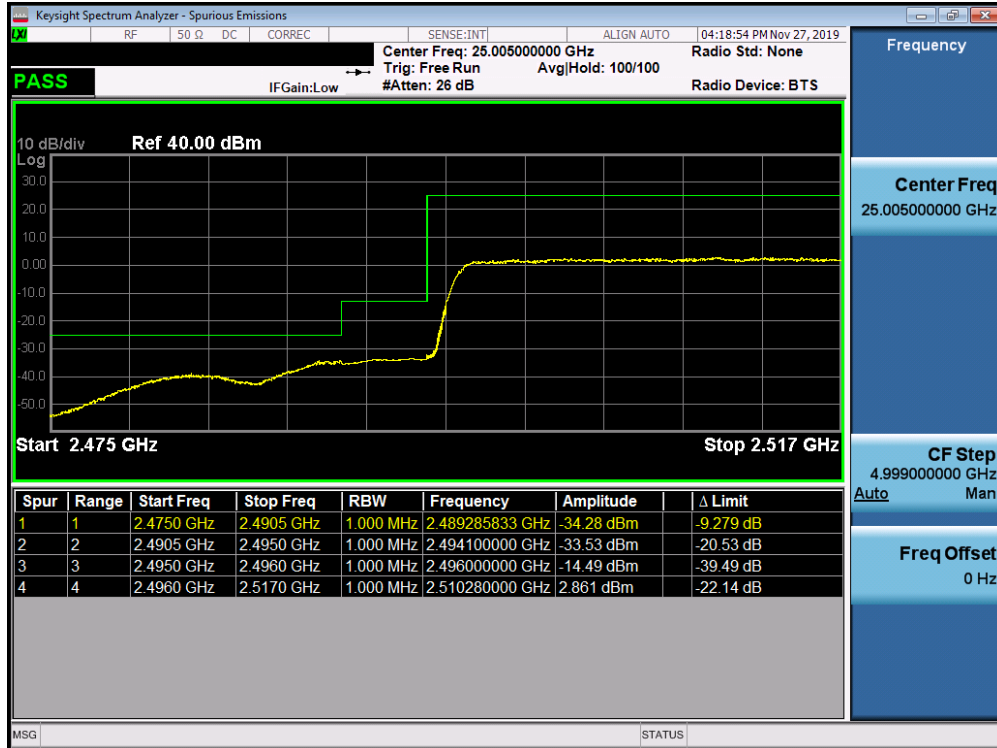


Plot 7-718. Lower ACP Plot at 2496 MHz (n41 - 90MHz CP-OFDM-QPSK - Full RB Configuration)



Plot 7-719. Upper ACP Plot (n41 - 90MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 455 of 495



Plot 7-720. Lower ACP Plot at 2496 MHz (n41 - 100MHz CP-OFDM-QPSK - Full RB Configuration)



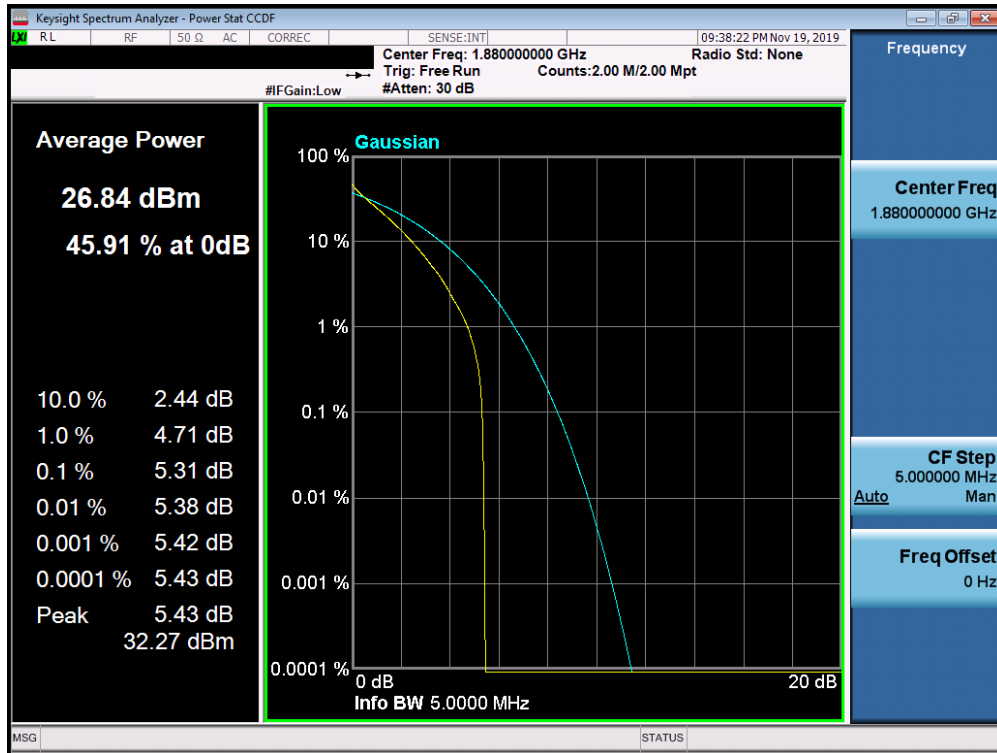
Plot 7-721. Upper ACP Plot (n41 - 100MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 456 of 495

Peak-to-Average Ratio

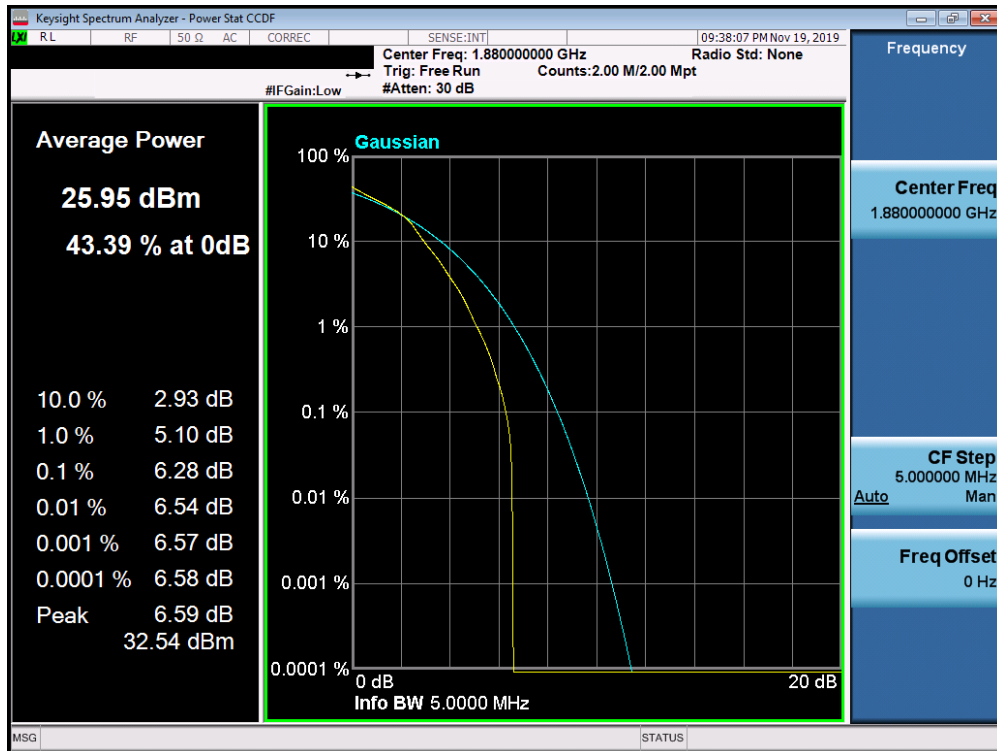
All SCS's and Waveforms (CP-OFDM vs DFT-s OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

NR Band n2

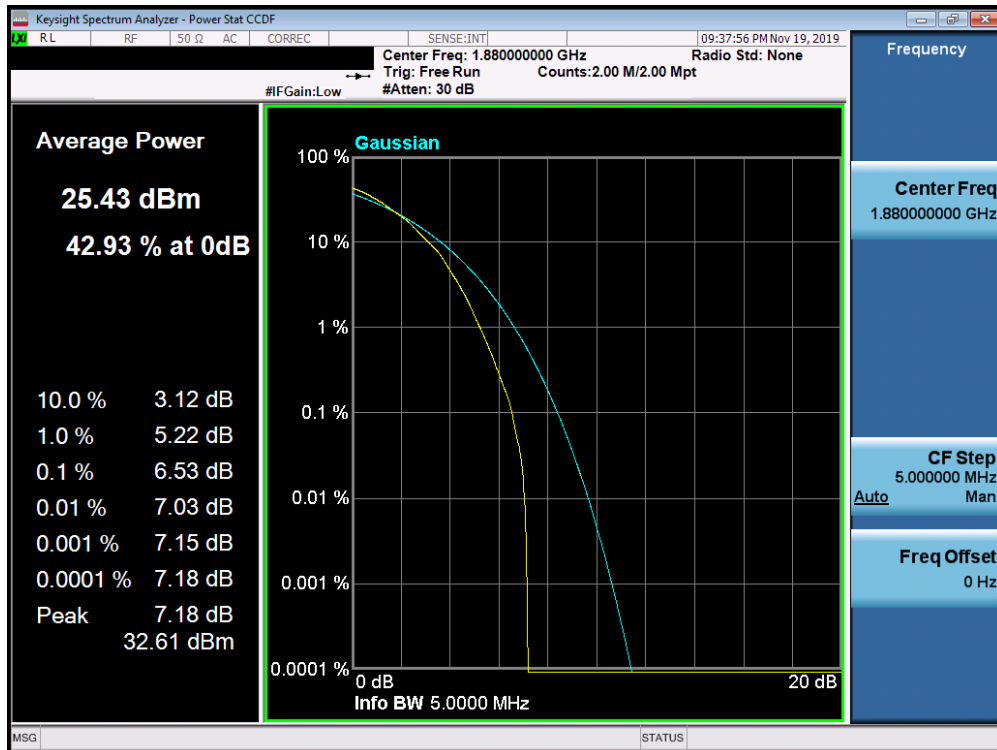


Plot 7-722. PAR Plot (Band n2 - 5.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 457 of 495

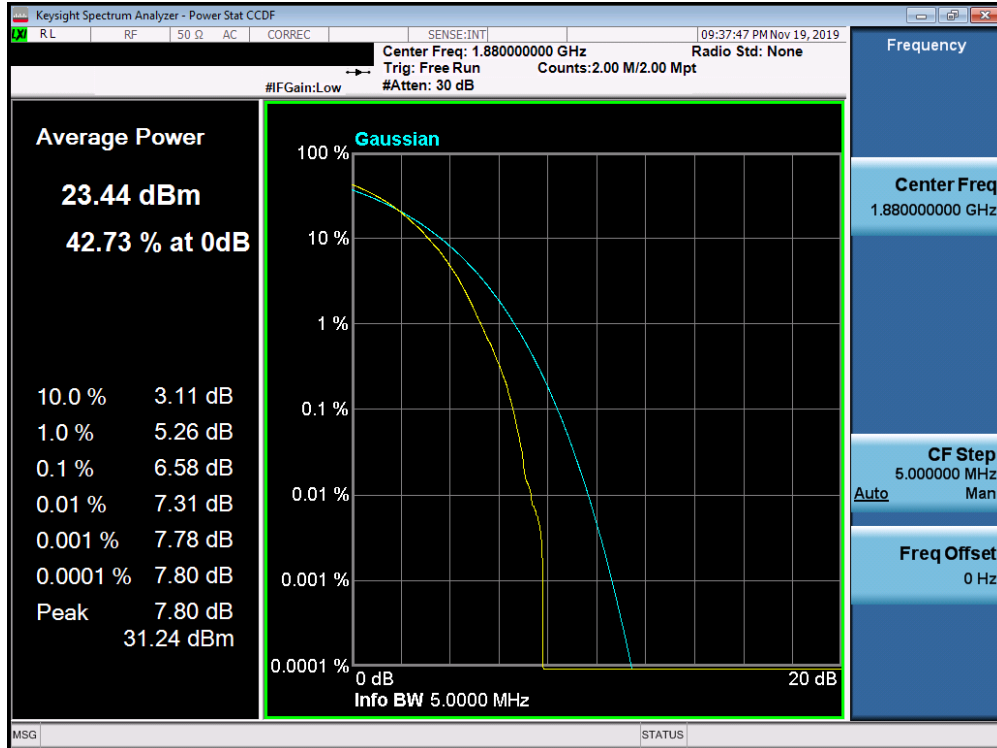


Plot 7-723. PAR Plot (Band n2 - 5.0MHz CP-OFDM-16-QAM - Full RB Configuration)

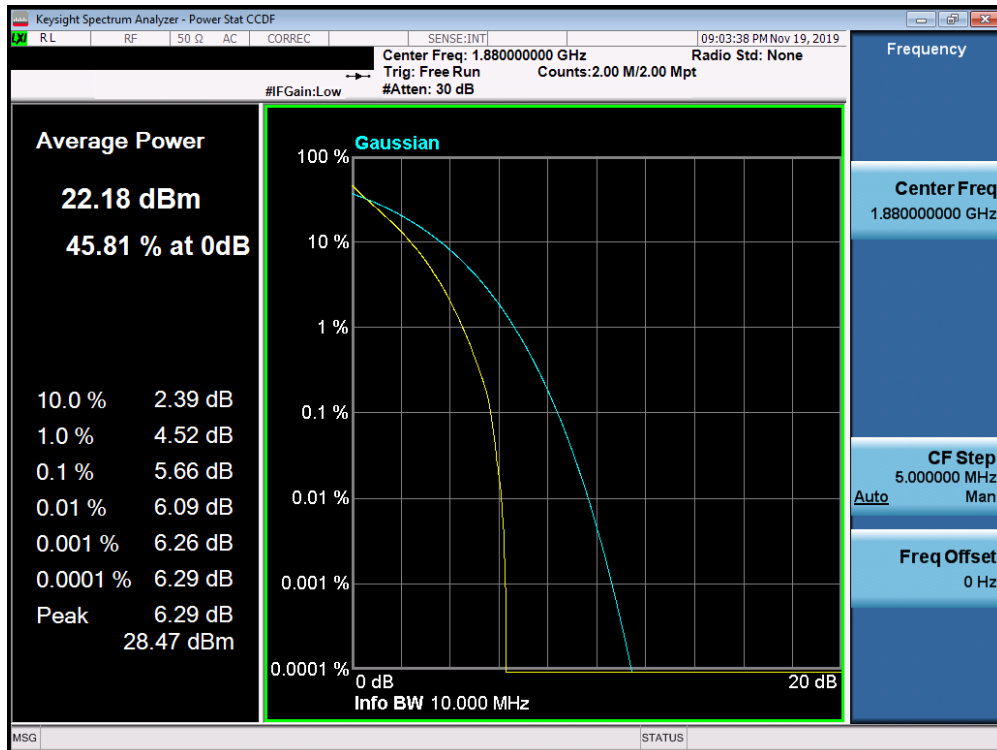


Plot 7-724. PAR Plot (Band n2 - 5.0MHz CP-OFDM-64-QAM - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 458 of 495

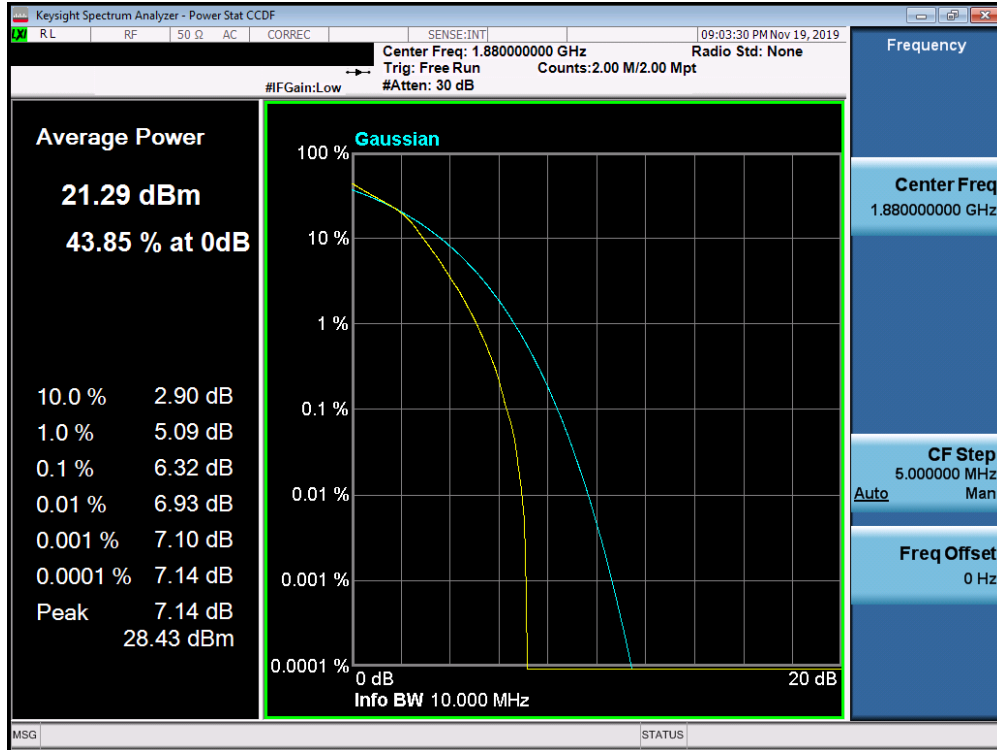


Plot 7-725. PAR Plot (Band n2 - 5.0MHz CP-OFDM- 256-QAM - Full RB Configuration)

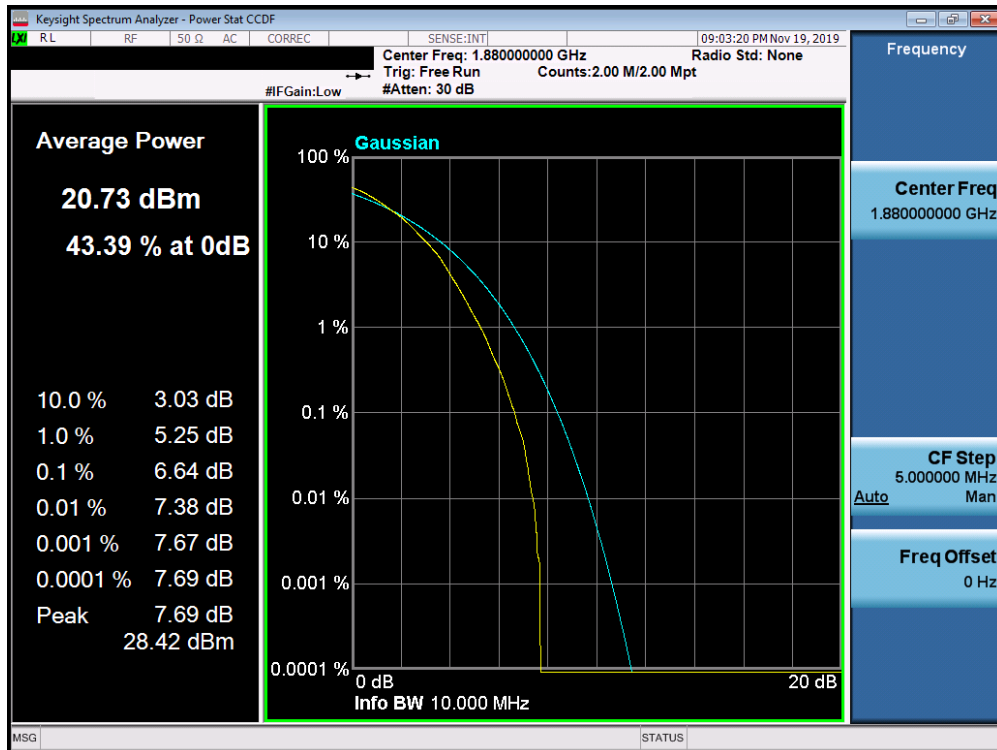


Plot 7-726. PAR Plot (Band n2 - 10.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 459 of 495

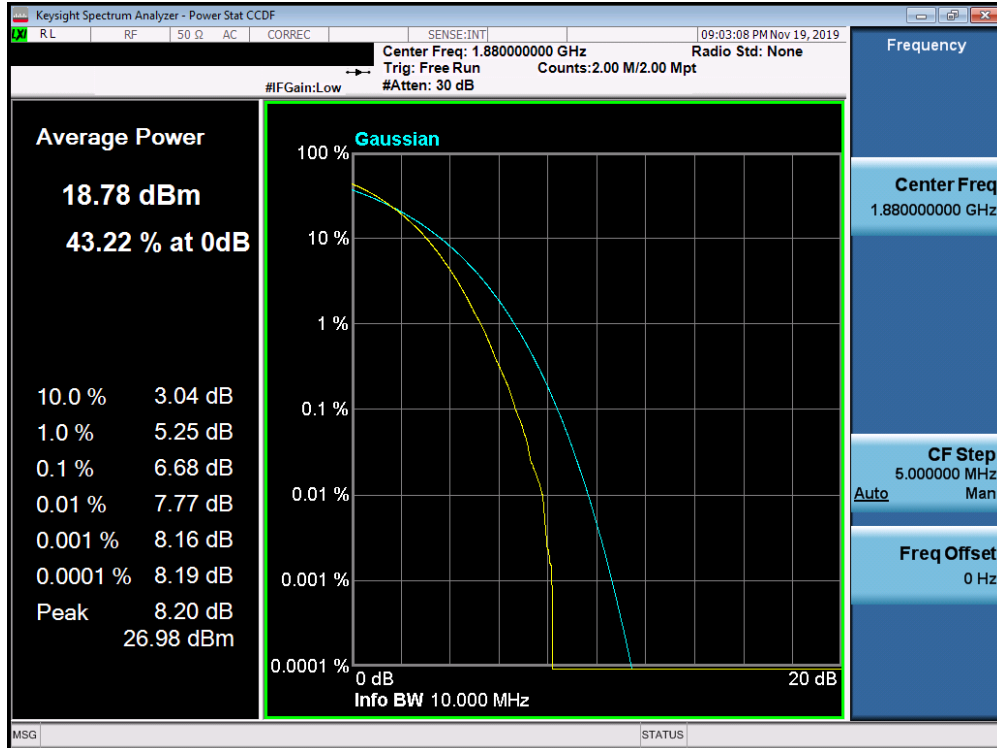


Plot 7-727. PAR Plot (Band n2 - 10.0MHz CP-OFDM-16-QAM - Full RB Configuration)

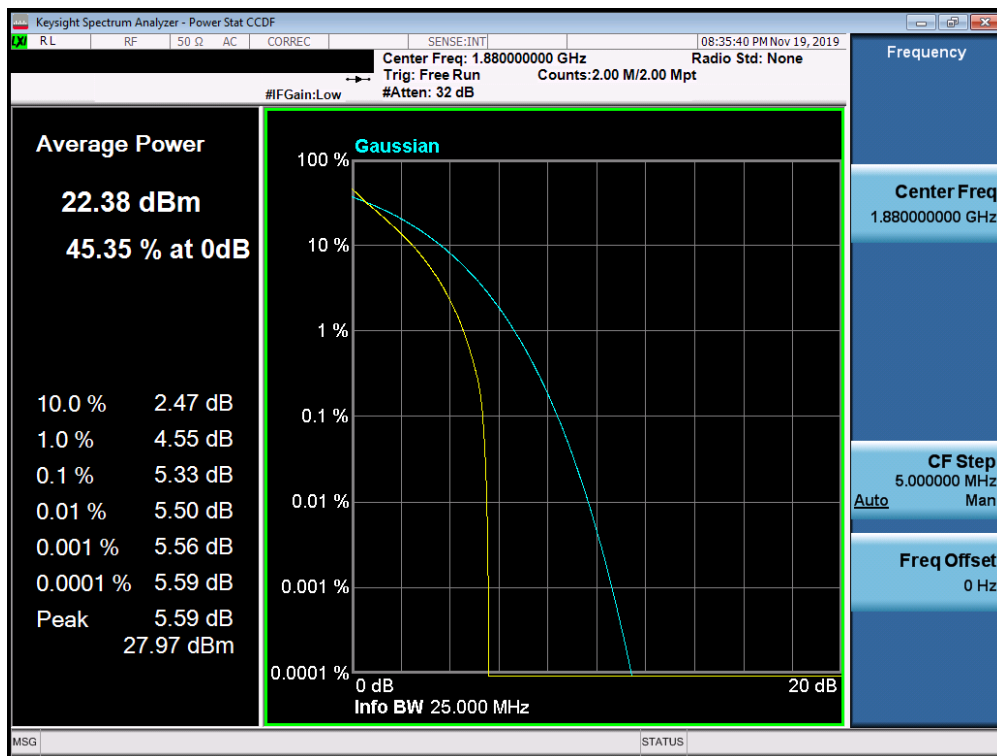


Plot 7-728. PAR Plot (Band n2 - 10.0MHz CP-OFDM- 64-QAM - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 460 of 495

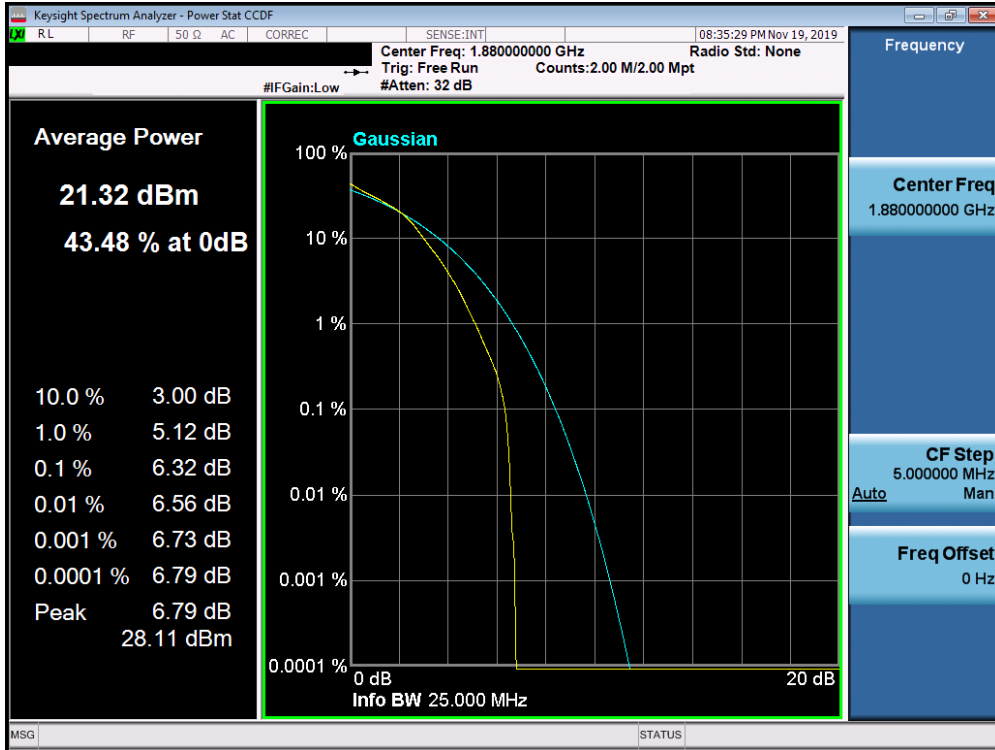


Plot 7-729. PAR Plot (Band n2 - 10.0MHz CP-OFDM - 256-QAM - Full RB Configuration)

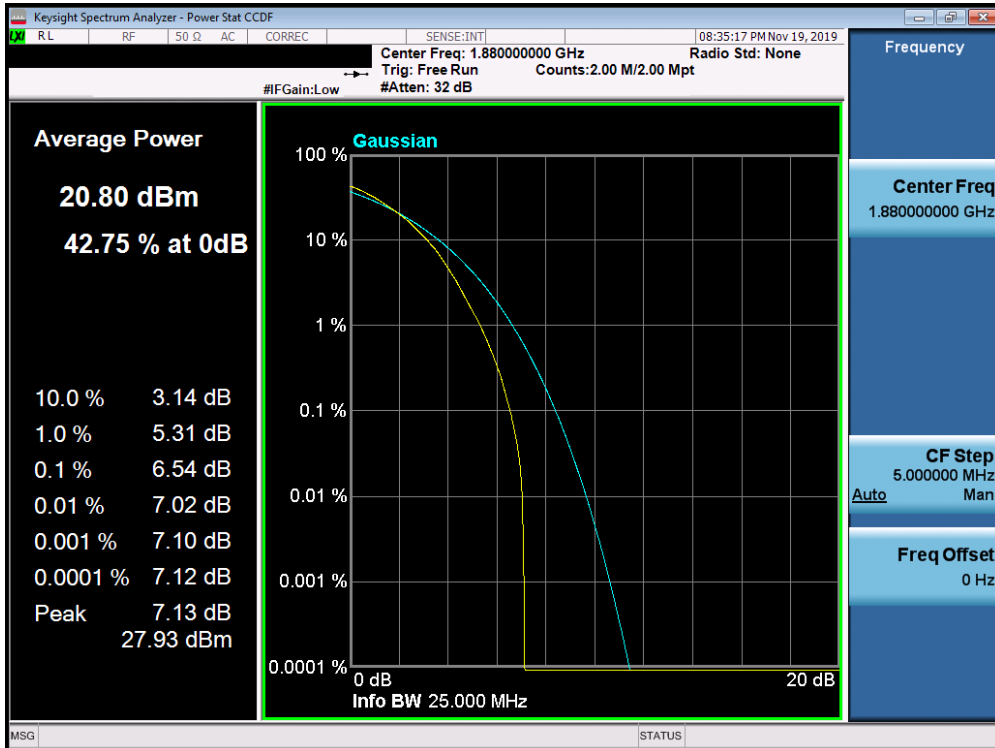


Plot 7-730. PAR Plot (Band n2 - 15.0MHz CP-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 461 of 495



Plot 7-731. PAR Plot (Band n2 - 15.0MHz CP-OFDM -16-QAM - Full RB Configuration)



Plot 7-732. PAR Plot (Band n2 - 15.0MHz CP-OFDM-64-QAM - Full RB Configuration)

FCC ID: A3LSMG986U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1910220166-03.A3L	Test Dates: 10/11 – 01/09/2020	EUT Type: Portable Handset		Page 462 of 495