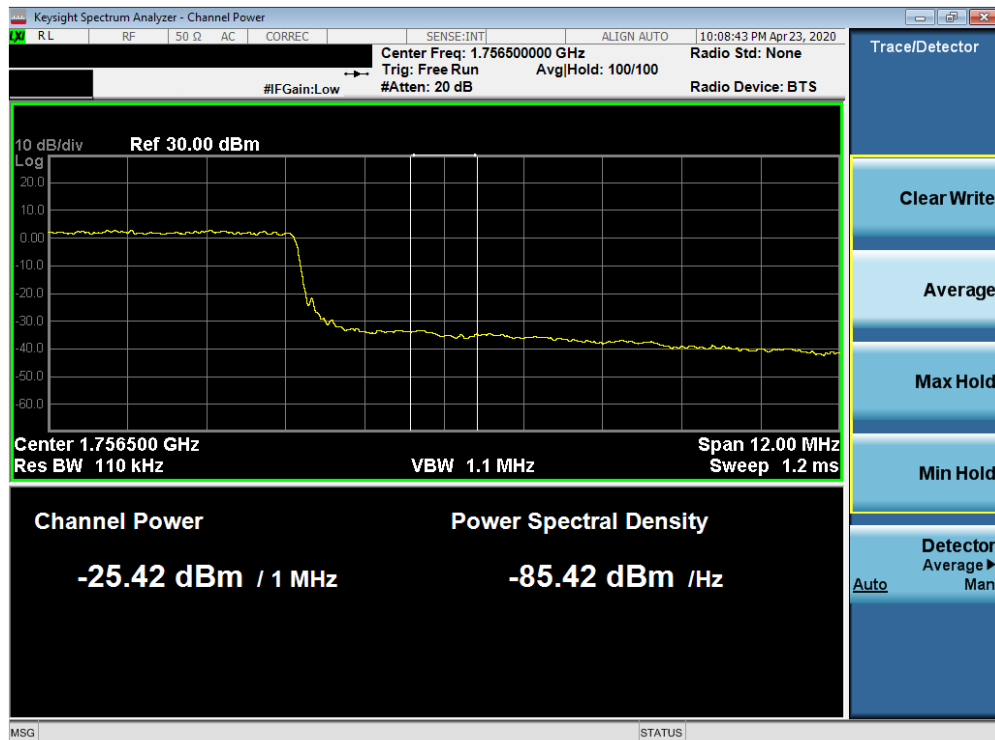




Plot 7-484. Upper Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

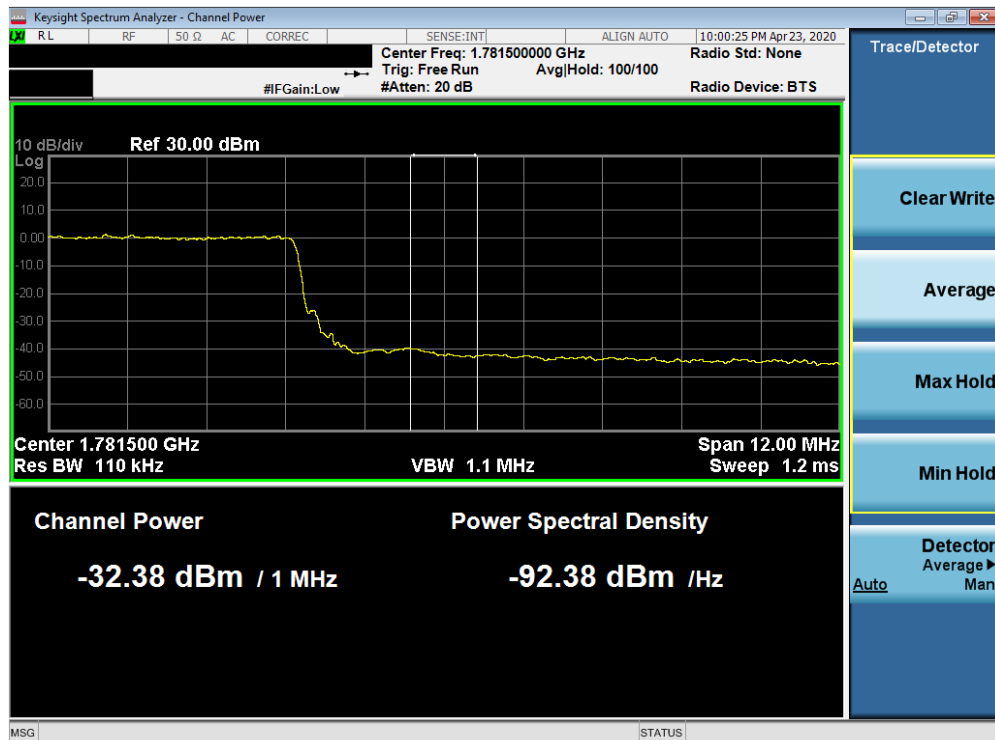


Plot 7-485. Upper Extended Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 272 of 494

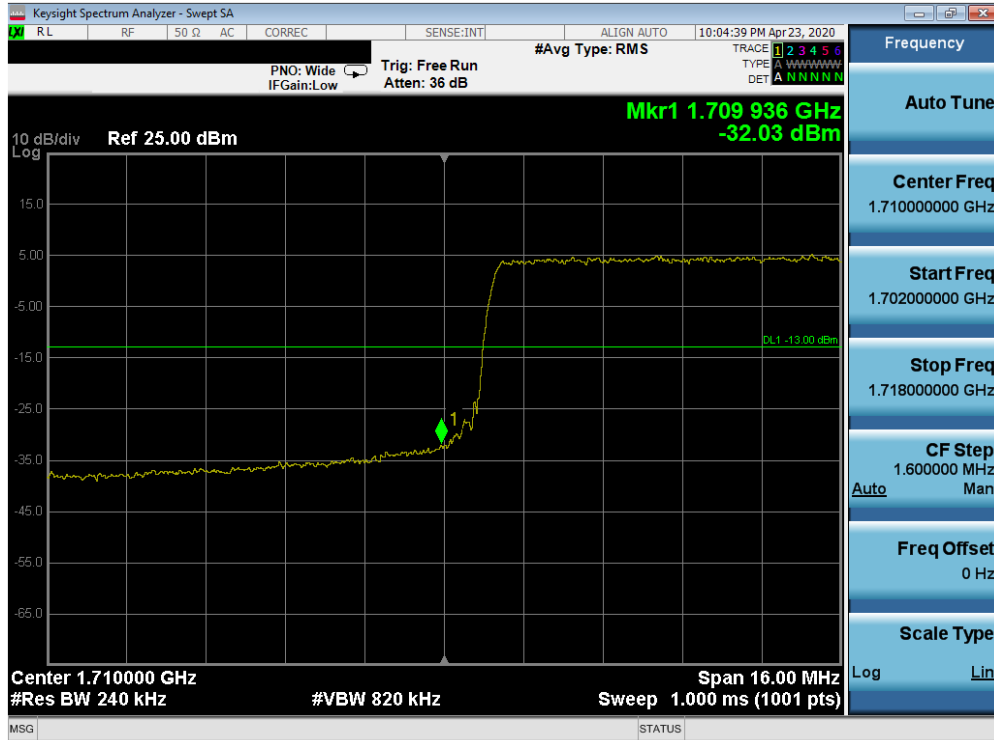


Plot 7-486. Upper Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

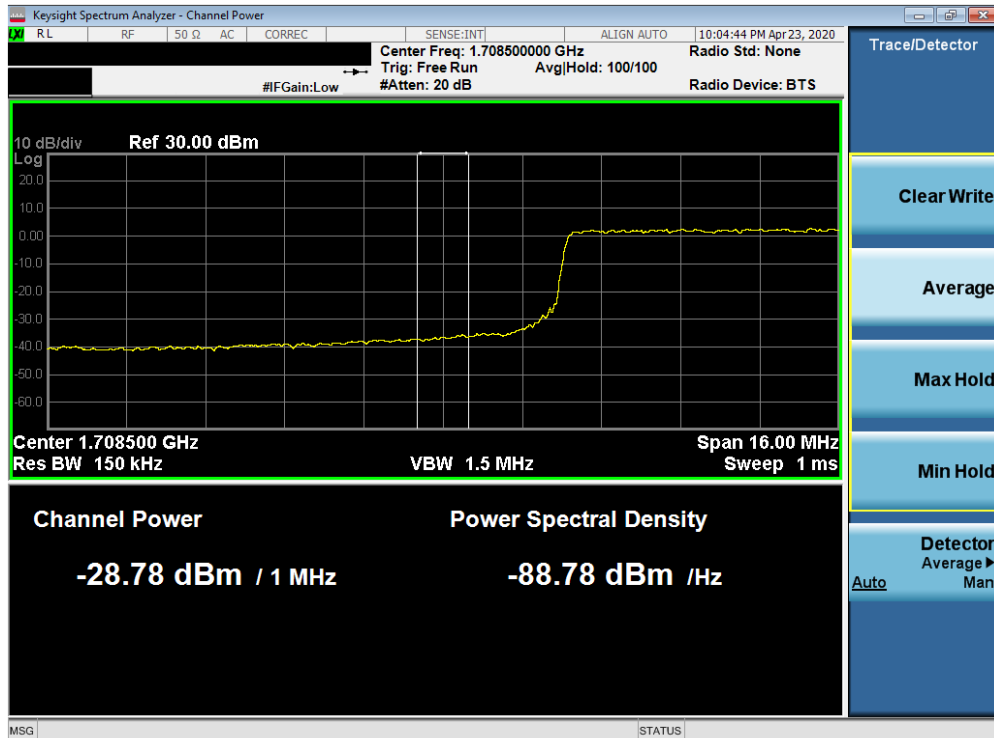


Plot 7-487. Upper Extended Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 273 of 494



Plot 7-488. Lower Band Edge Plot (Band 66/4 - 20.0MHz QPSK - Full RB Configuration)

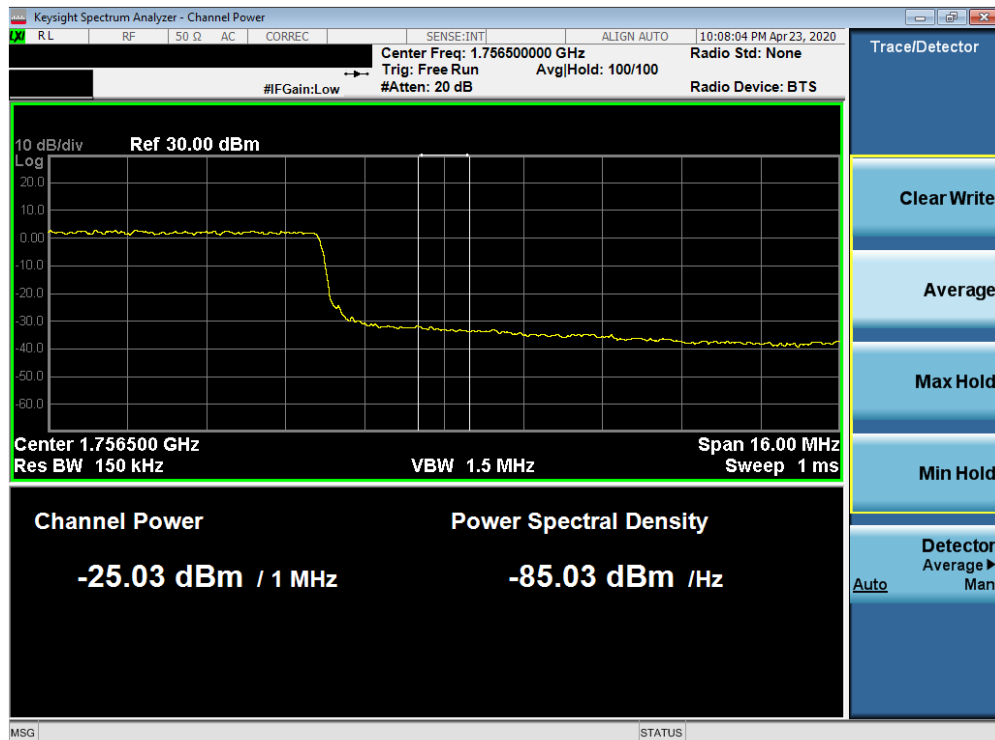


Plot 7-489. Lower Extended Band Edge Plot (Band 66/4 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 274 of 494

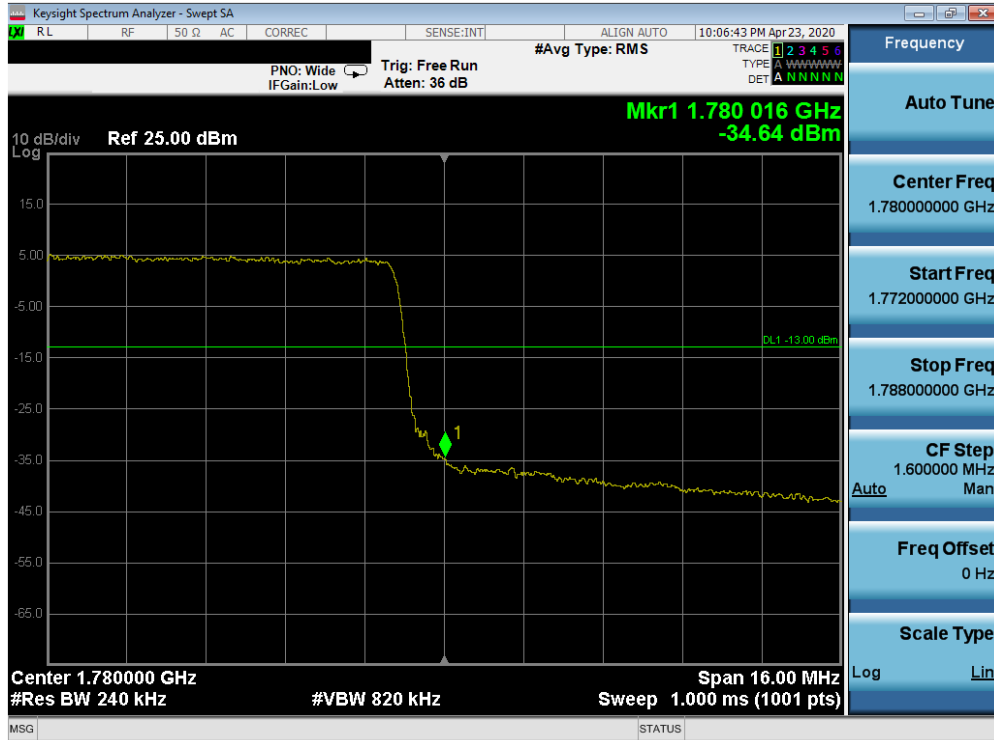


Plot 7-490. Upper Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)

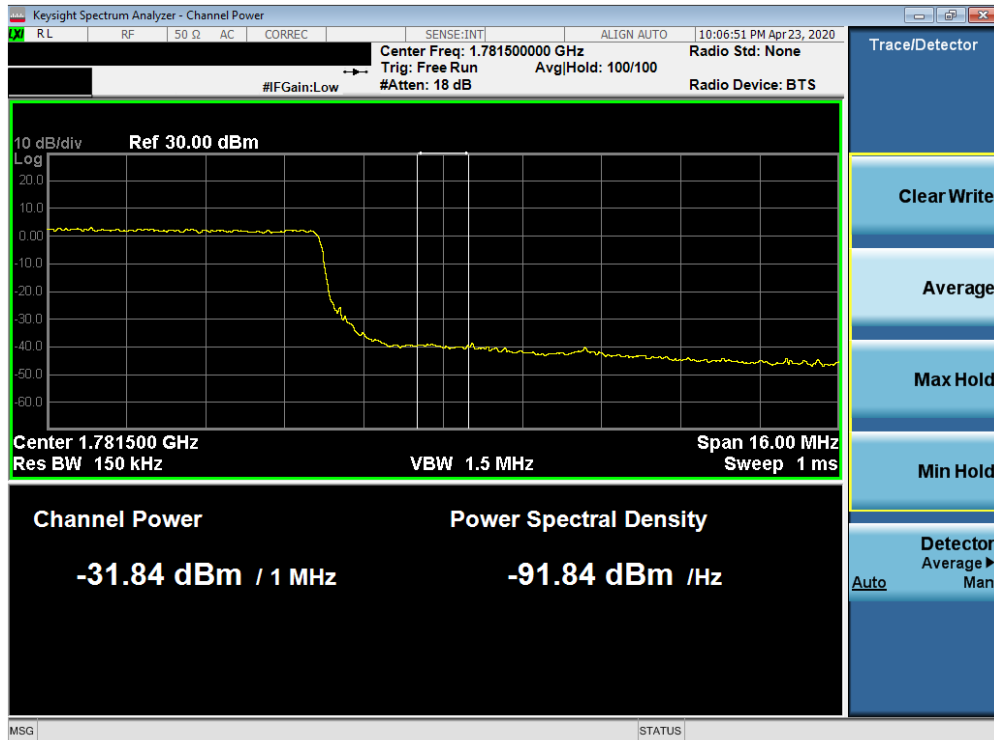


Plot 7-491. Upper Extended Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 275 of 494



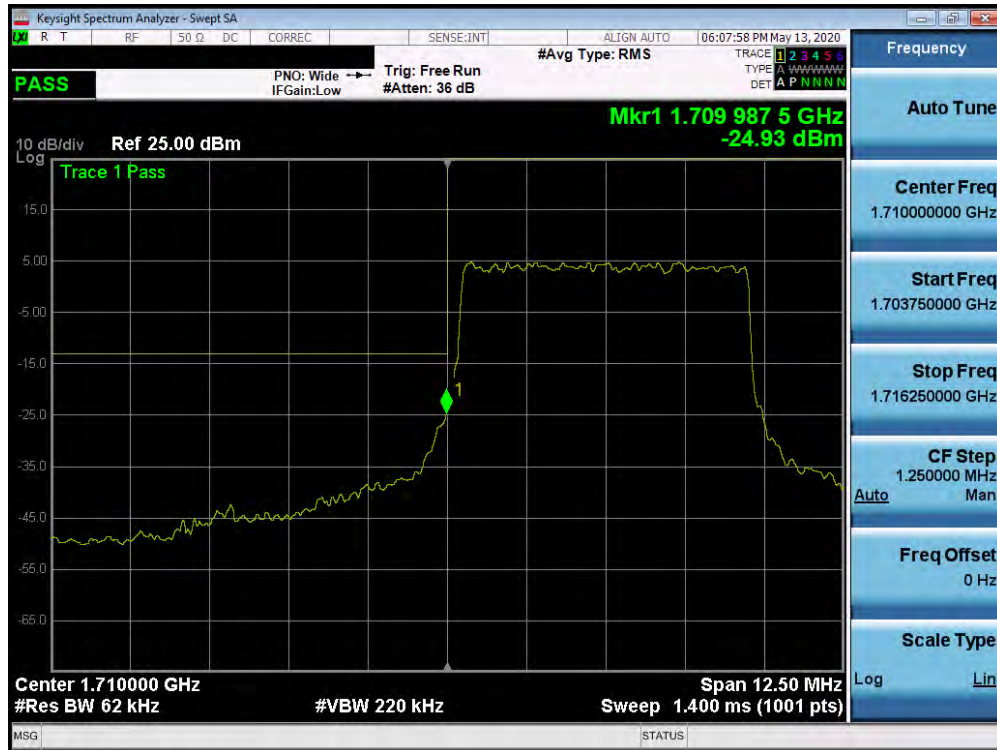
Plot 7-492. Upper Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)



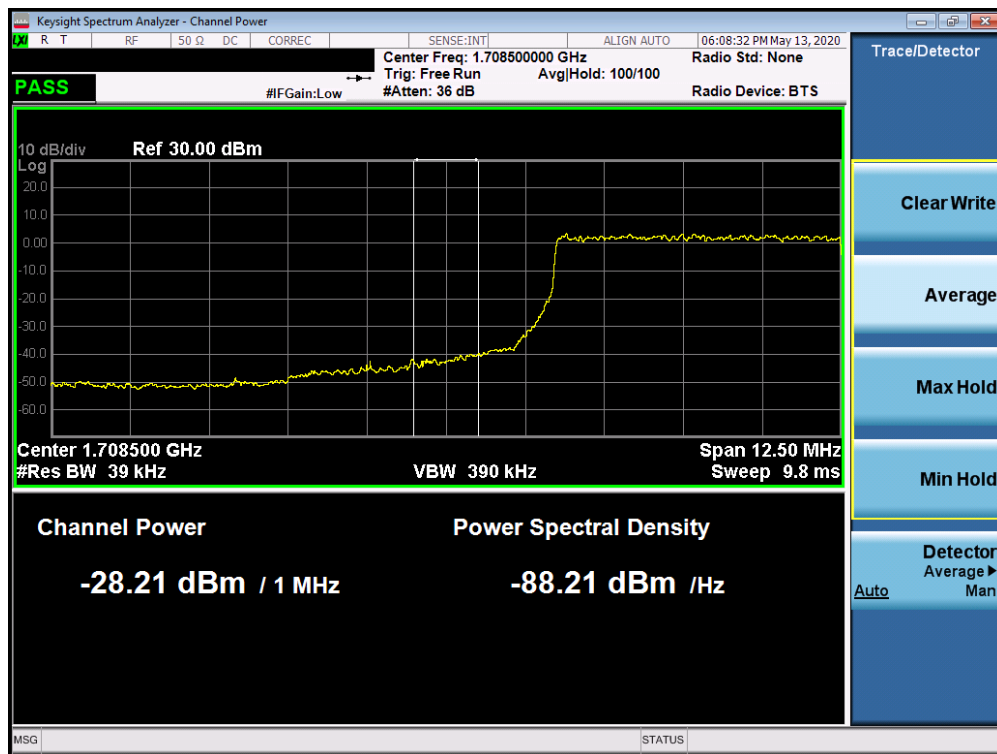
Plot 7-493. Upper Extended Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 276 of 494

NR Band n66



Plot 7-494. Lower Band Edge Plot (n66 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

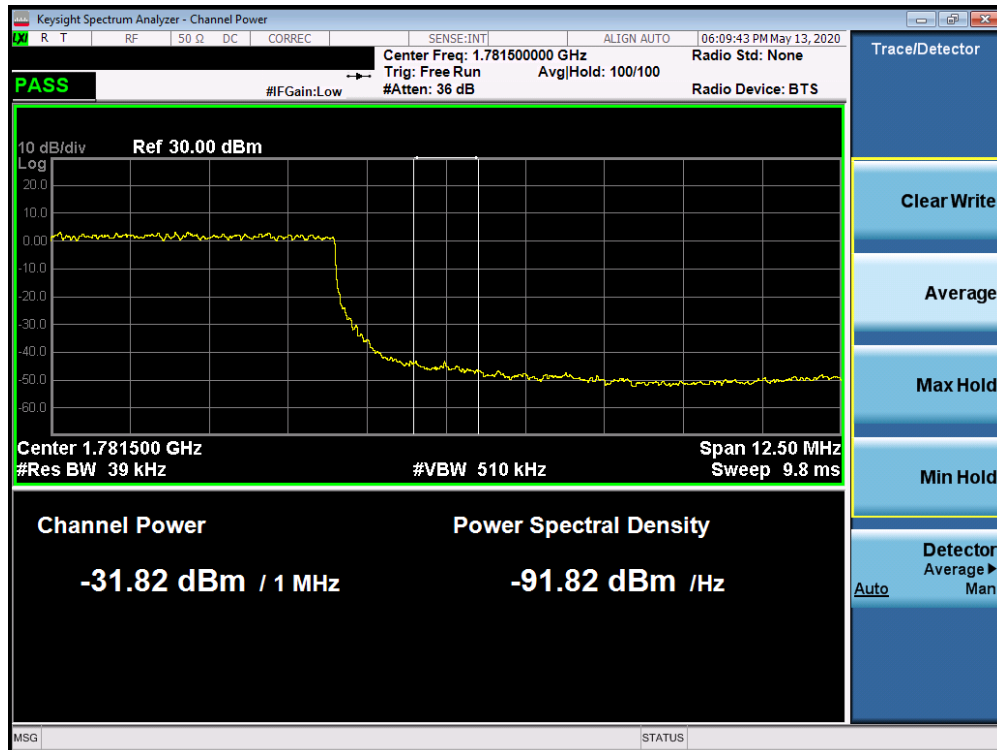


Plot 7-495. Lower Extended Band Edge Plot (n66 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 277 of 494

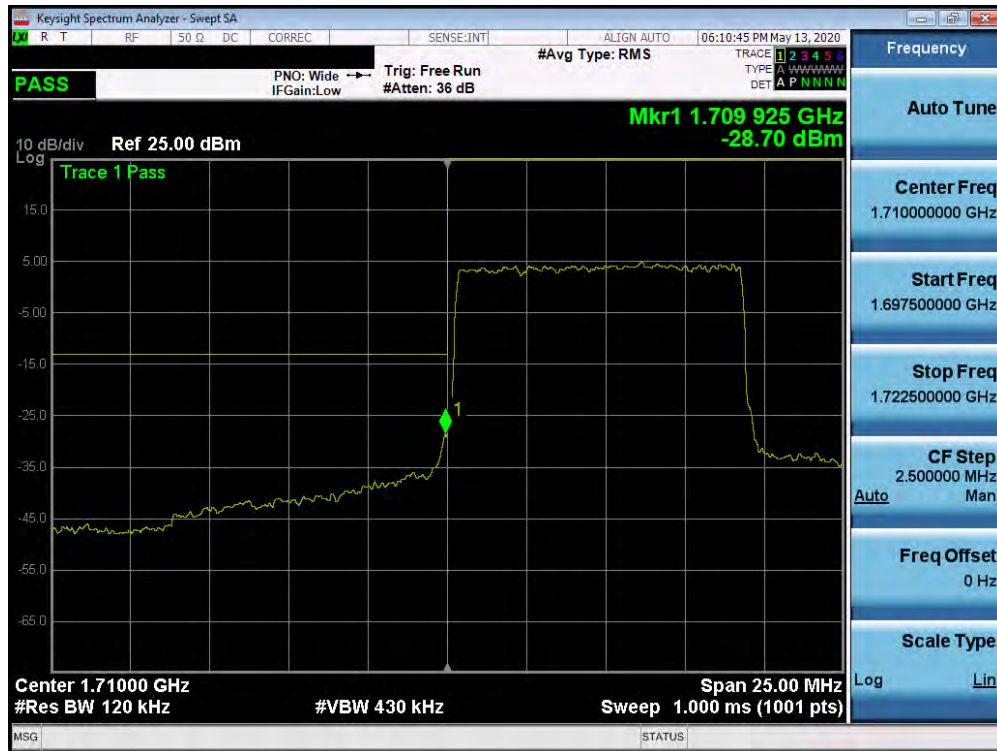


Plot 7-496. Upper Band Edge Plot (n66 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

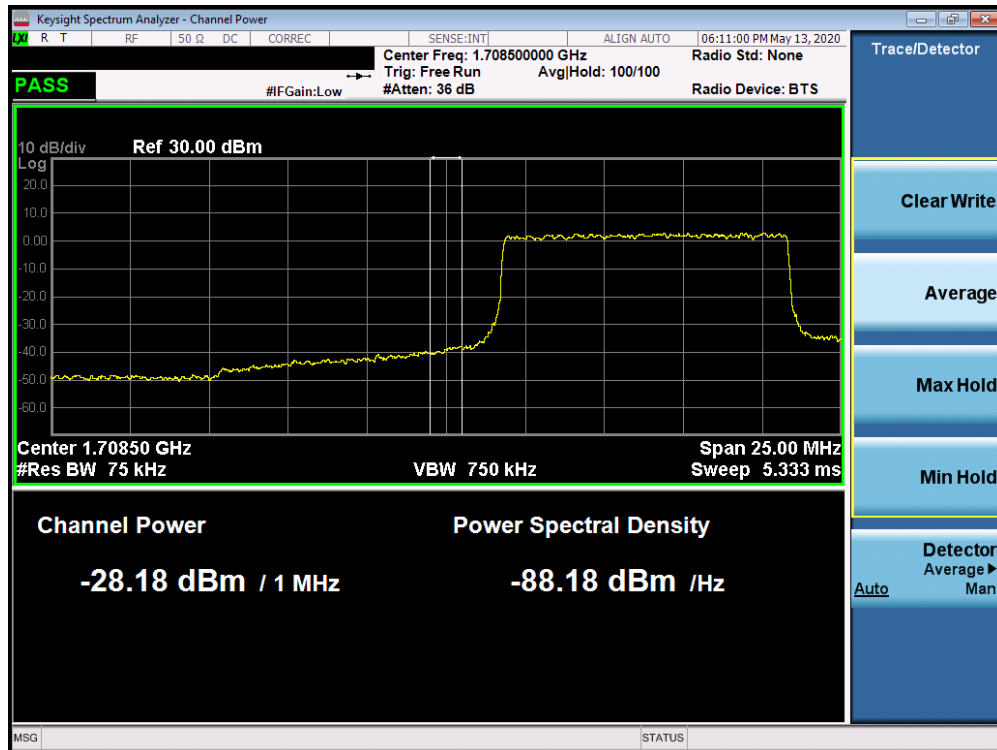


Plot 7-497. Upper Extended Band Edge Plot (n66 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 278 of 494



Plot 7-498. Lower Band Edge Plot (n66 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

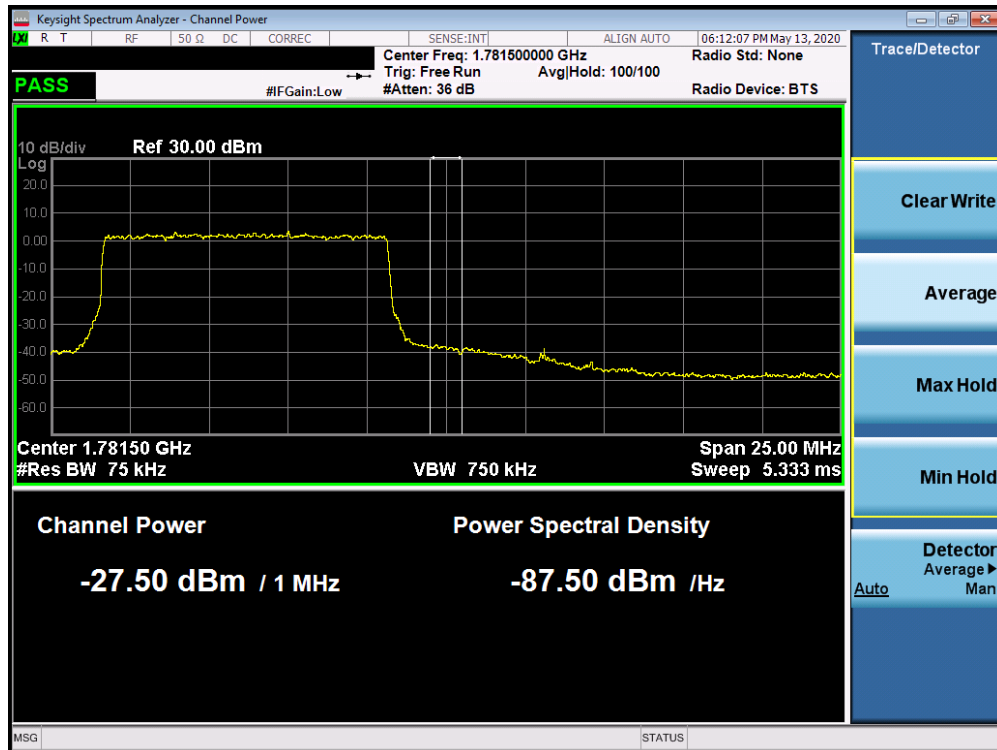


Plot 7-499. Lower Extended Band Edge Plot (n66 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 279 of 494

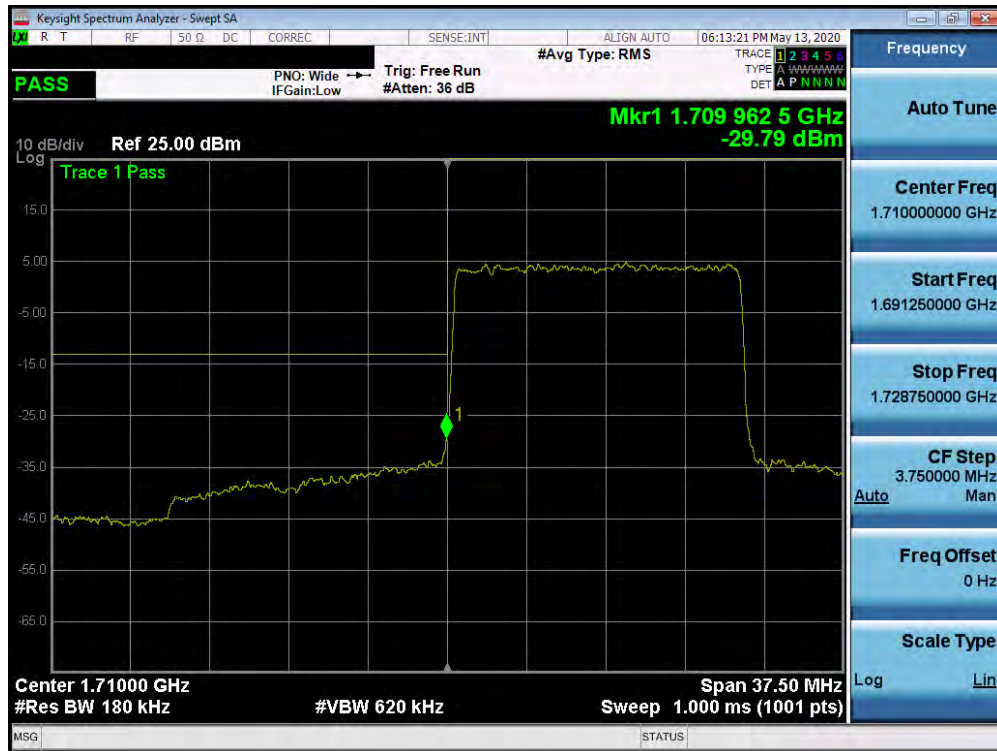


Plot 7-500. Upper Band Edge Plot (n66 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

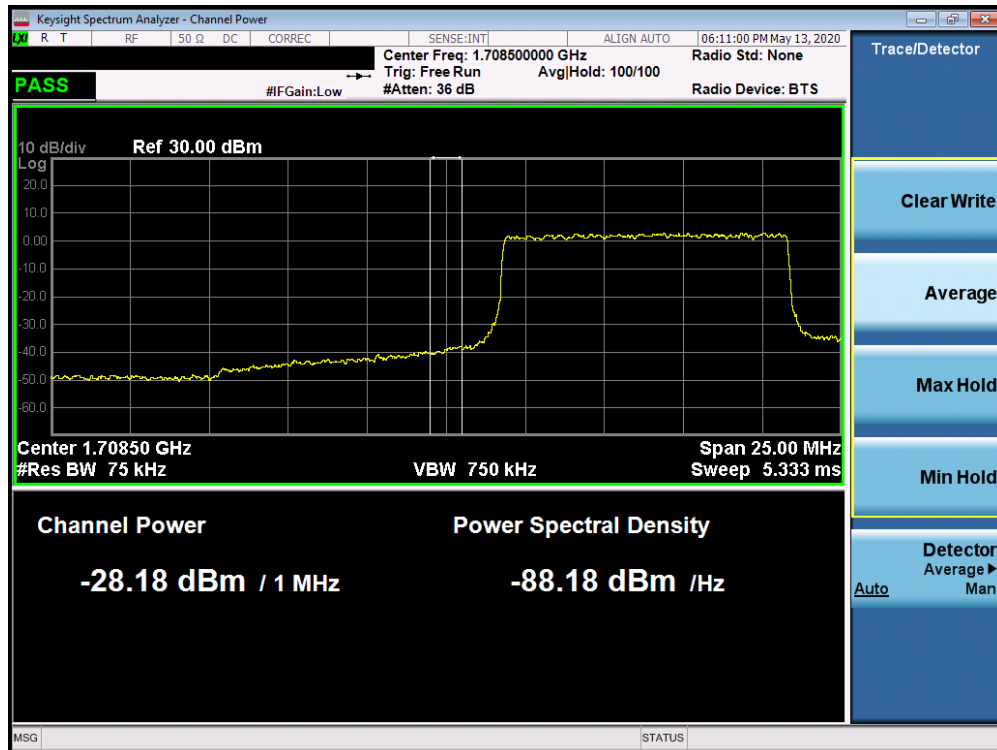


Plot 7-501. Upper Extended Band Edge Plot (n66 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 280 of 494



Plot 7-502. Lower Band Edge Plot (n66 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

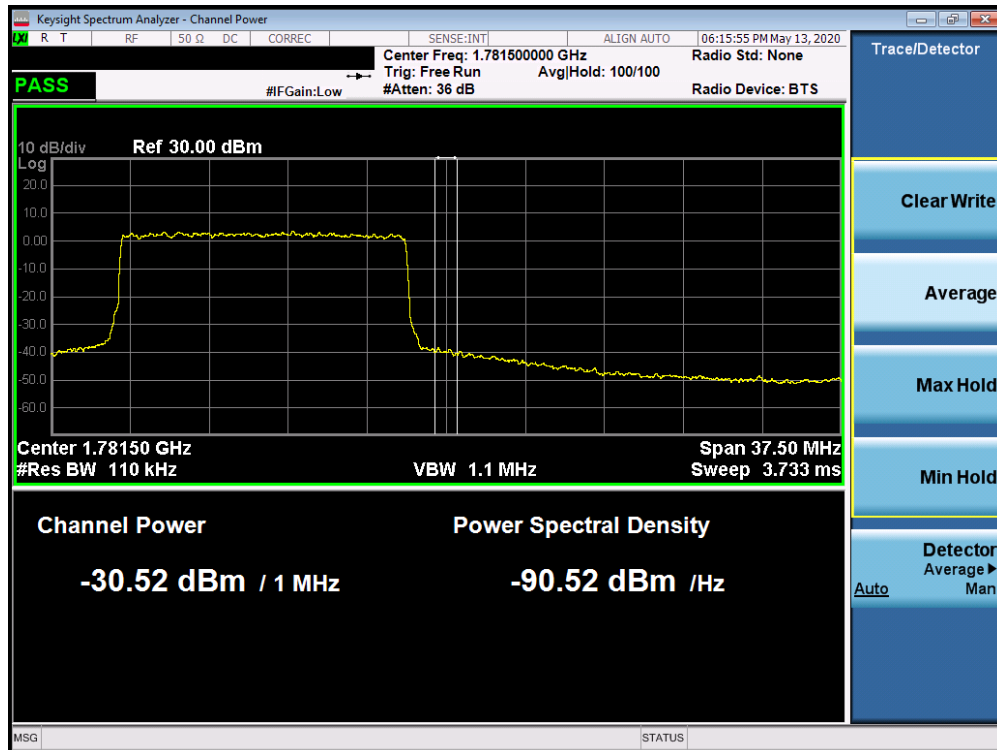


Plot 7-503. Lower Extended Band Edge Plot (n66 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 281 of 494

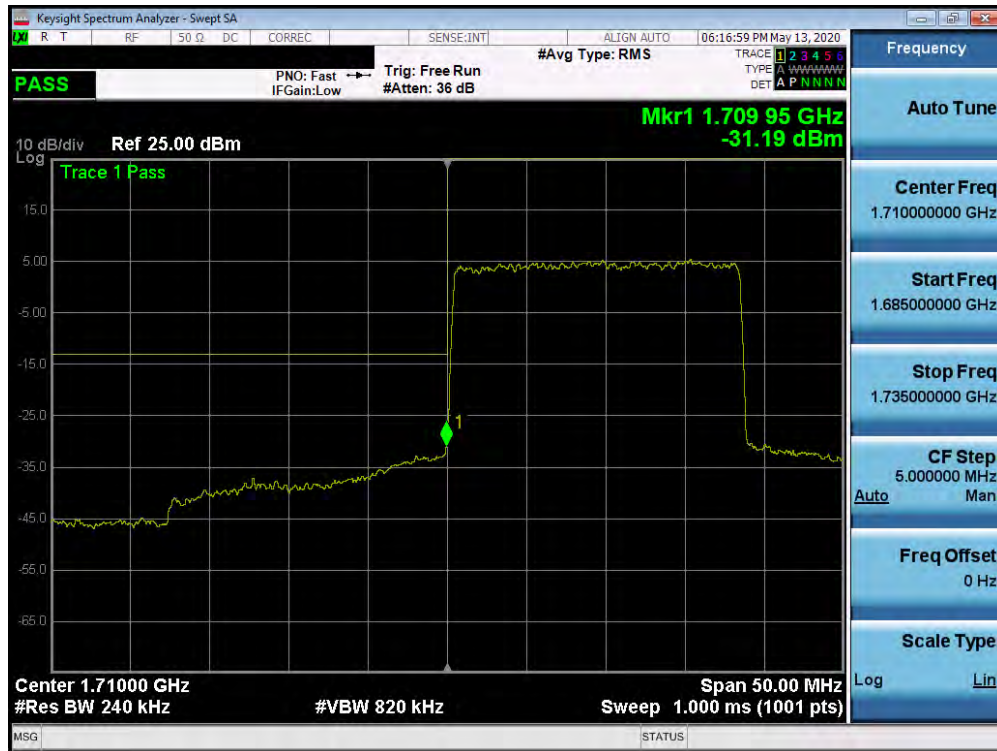


Plot 7-504. Upper Band Edge Plot (n66 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

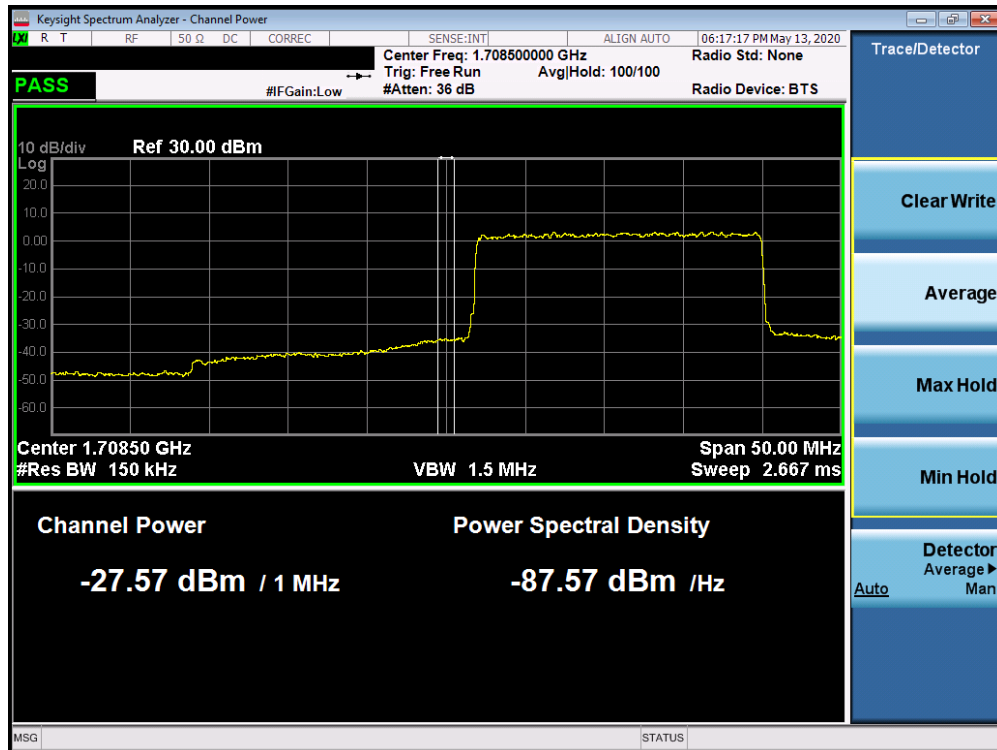


Plot 7-505. Upper Extended Band Edge Plot (n66 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 282 of 494

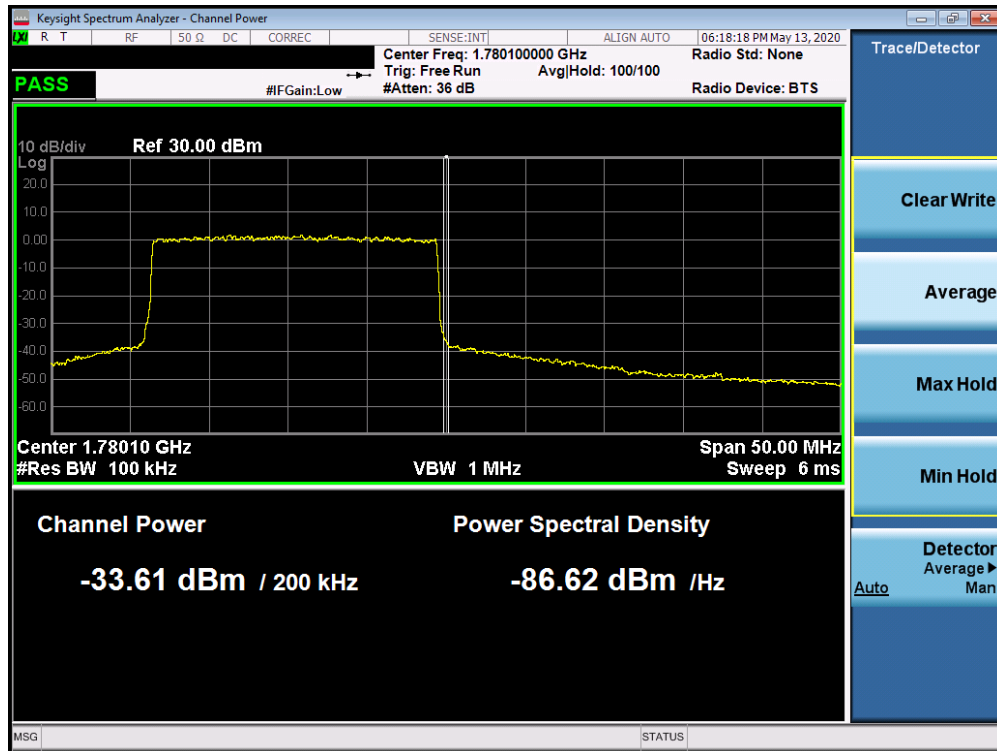


Plot 7-506. Lower Band Edge Plot (n66 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

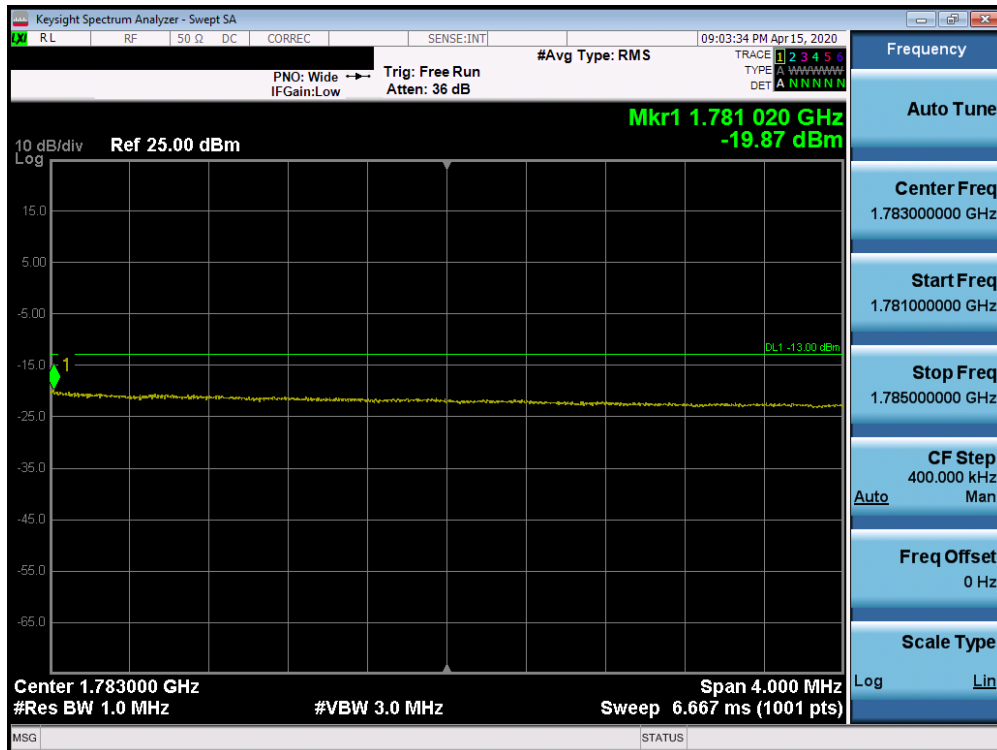


Plot 7-507. Lower Extended Band Edge Plot (n66 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3-A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 283 of 494



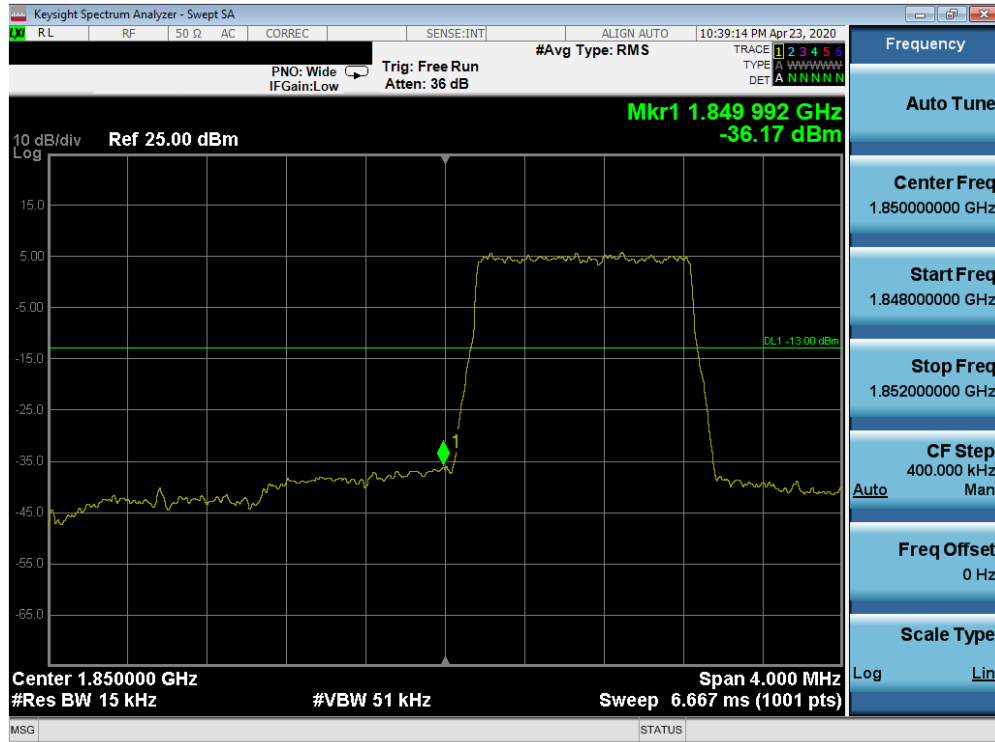
Plot 7-508. Upper Band Edge Plot (n66 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)



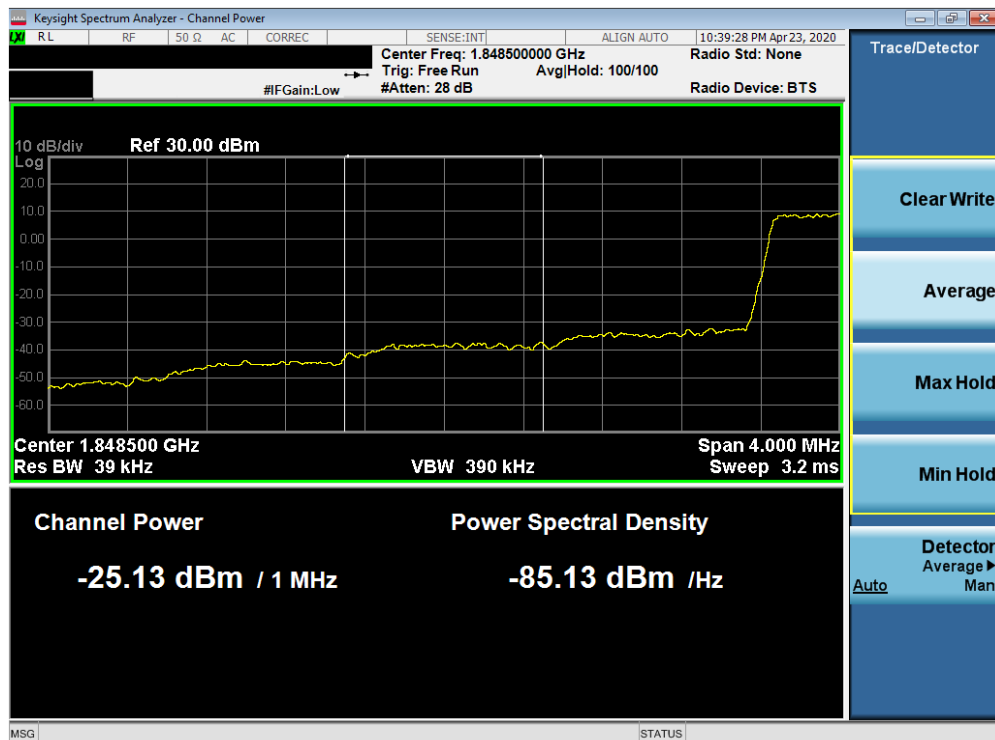
Plot 7-509. Upper Extended Band Edge Plot (n66 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 284 of 494

Band 25/2

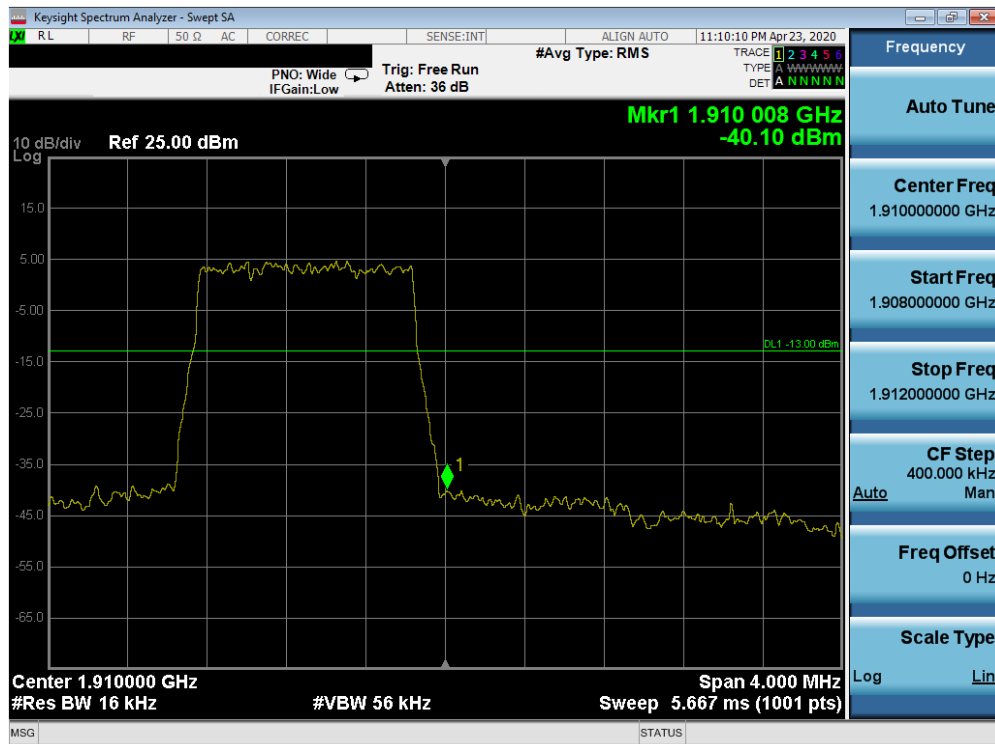


Plot 7-510. Lower Band Edge Plot (Band 25/2 - 1.4MHz QPSK - Full RB Configuration)

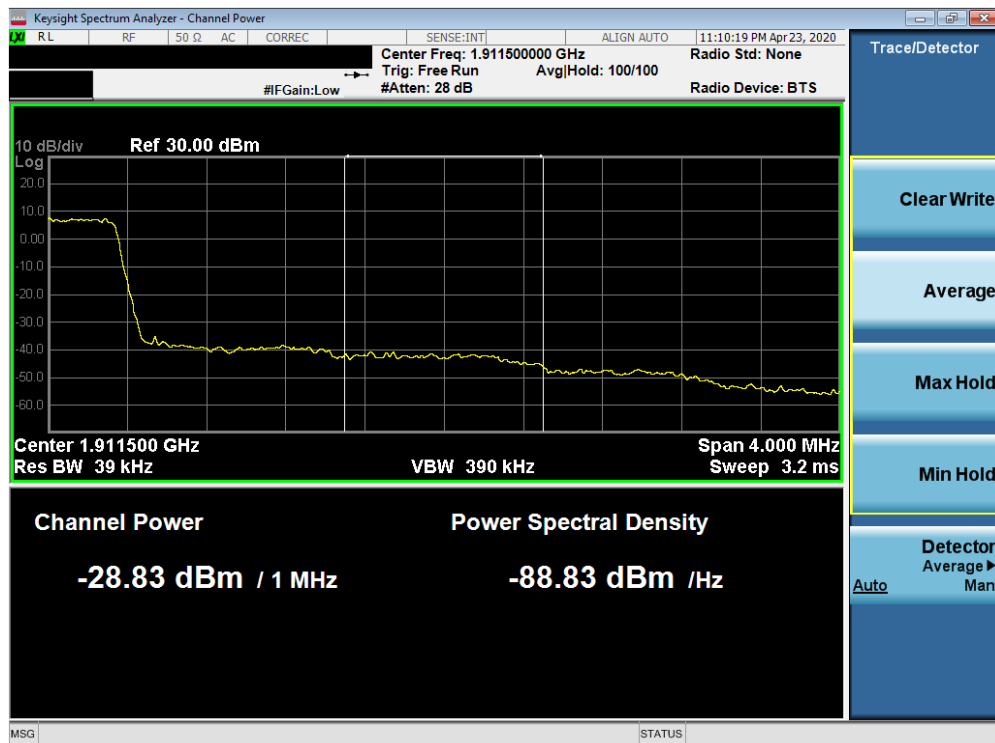


Plot 7-511. Lower Extended Band Edge Plot (Band 25/2 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	 MEASUREMENT REPORT (CERTIFICATION) 		Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset	Page 285 of 494

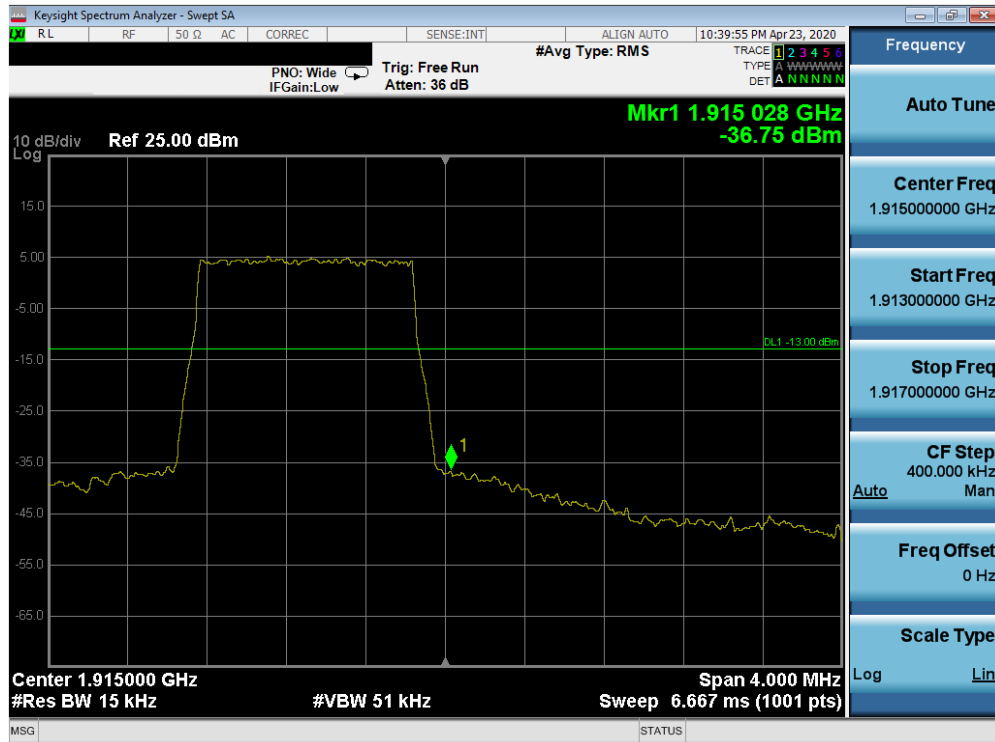


Plot 7-512. Upper Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

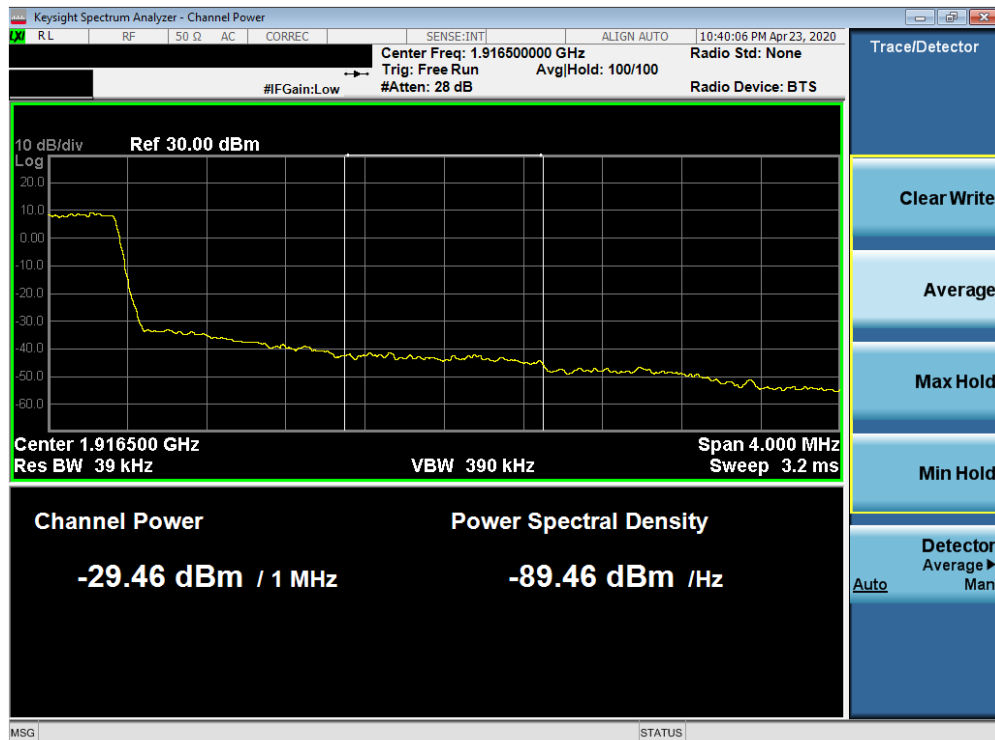


Plot 7-513. Upper Extended Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3-A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 286 of 494

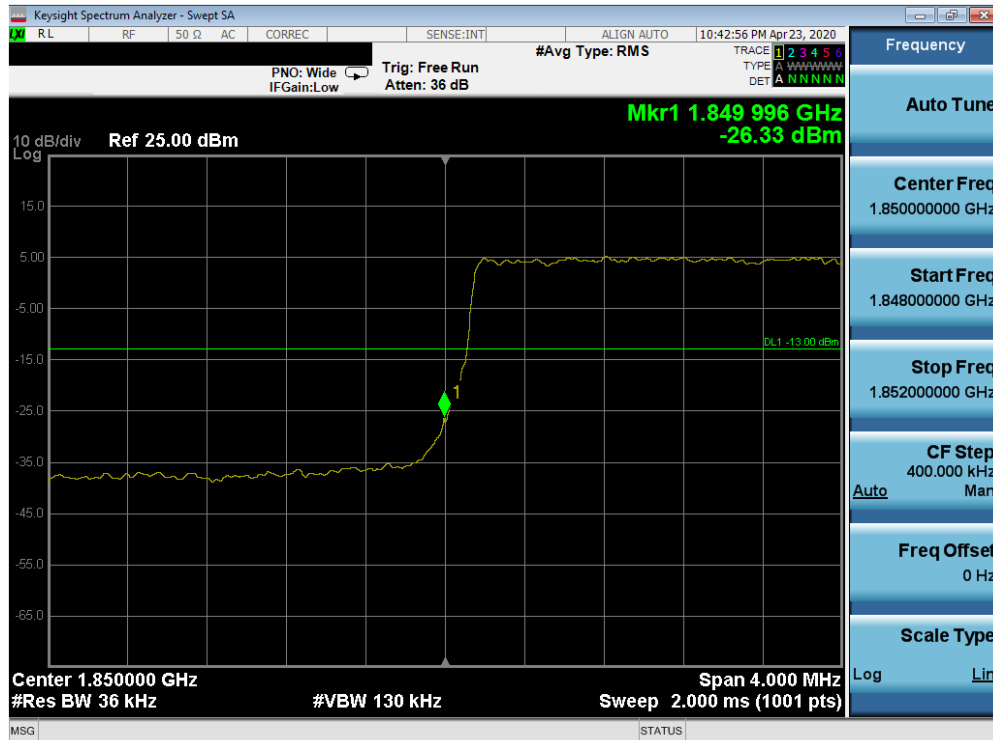


Plot 7-514. Upper Band Edge Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)

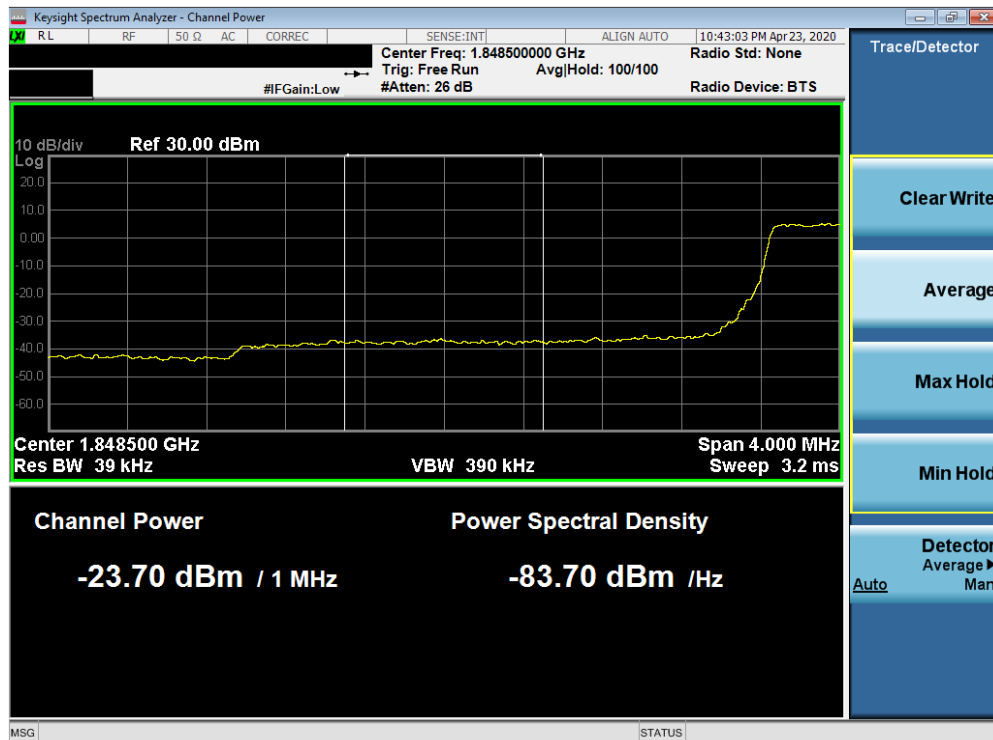


Plot 7-515. Upper Extended Band Edge Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 287 of 494

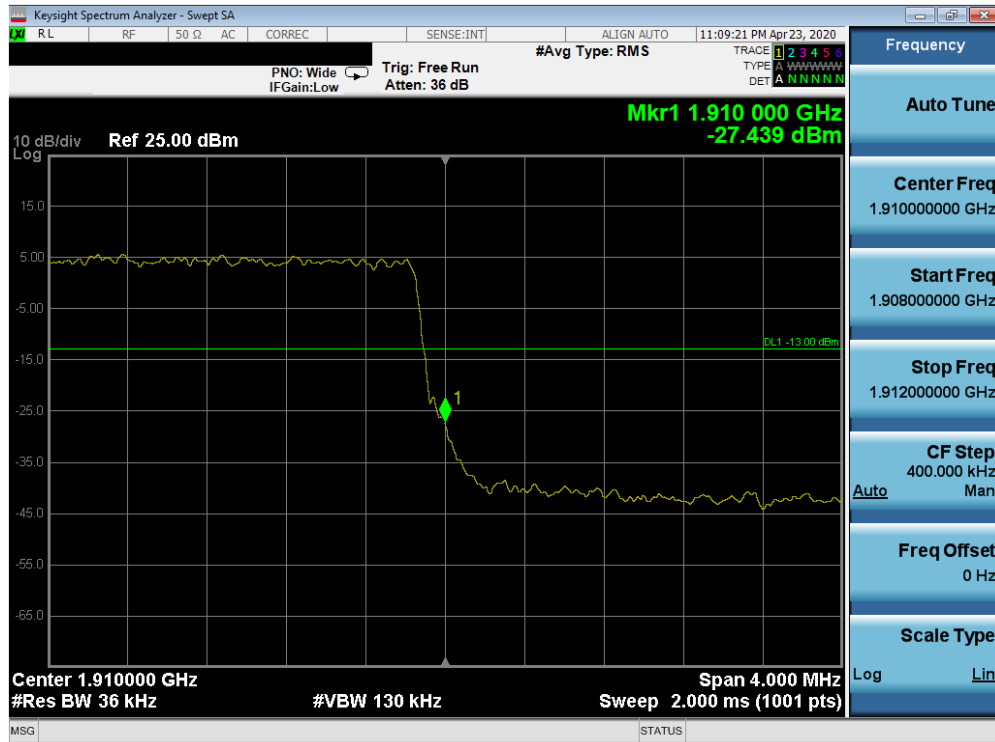


Plot 7-516. Lower Band Edge Plot (Band 25/2 - 3.0MHz QPSK - Full RB Configuration)

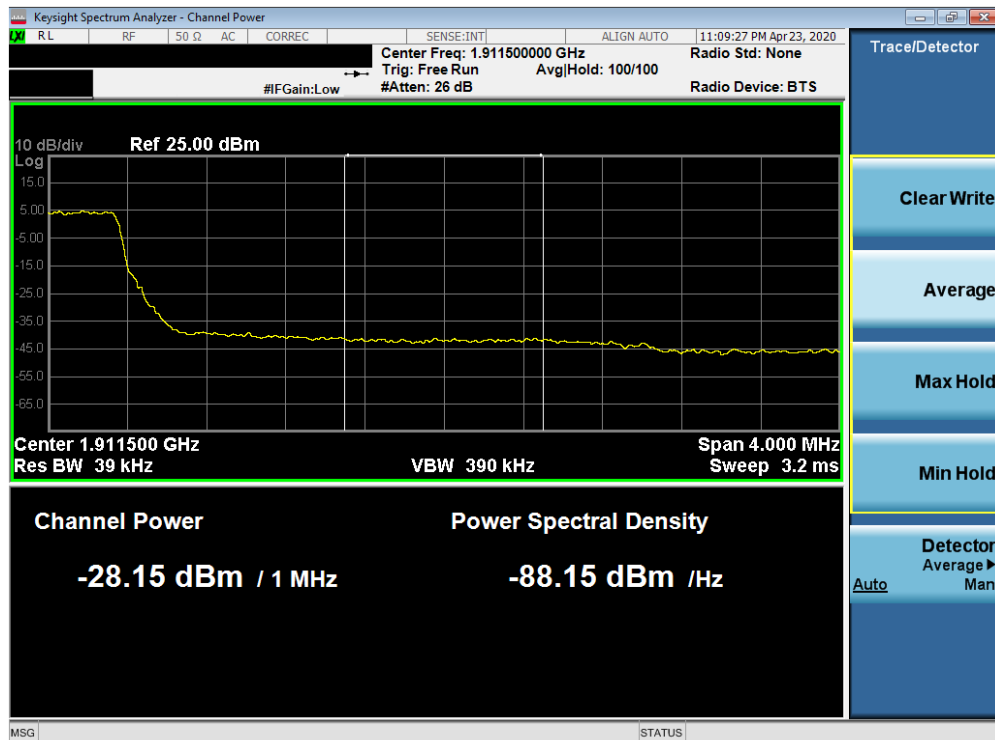


Plot 7-517. Lower Extended Band Edge Plot (Band 25/2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 288 of 494



Plot 7-518. Upper Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

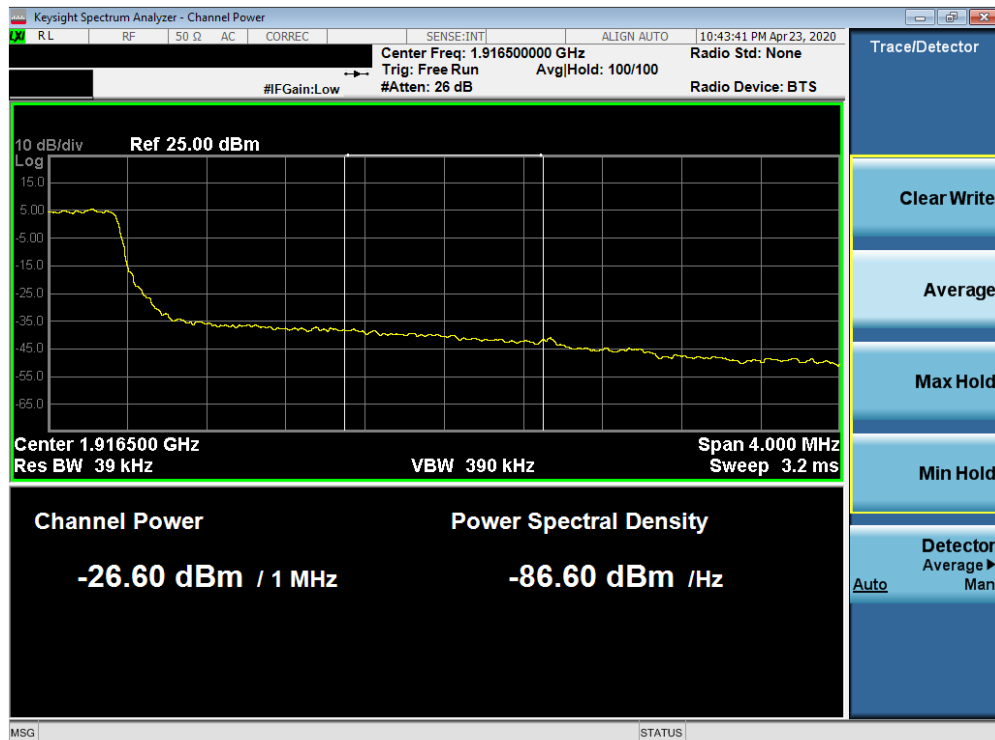


Plot 7-519. Upper Extended Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 289 of 494

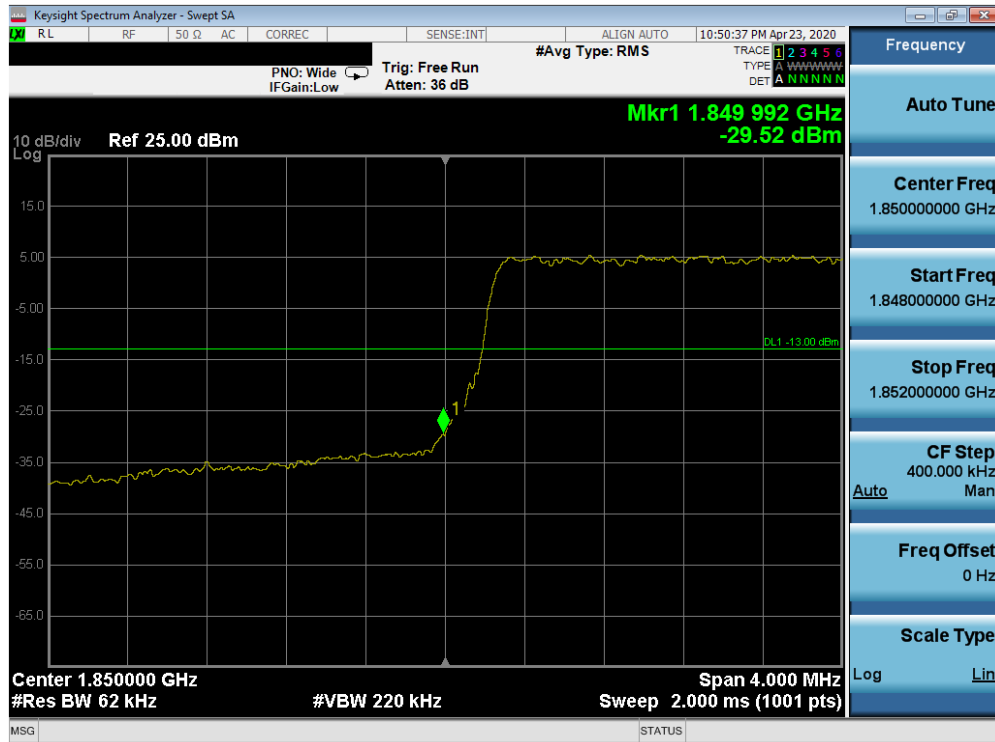


Plot 7-520. Upper Band Edge Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)

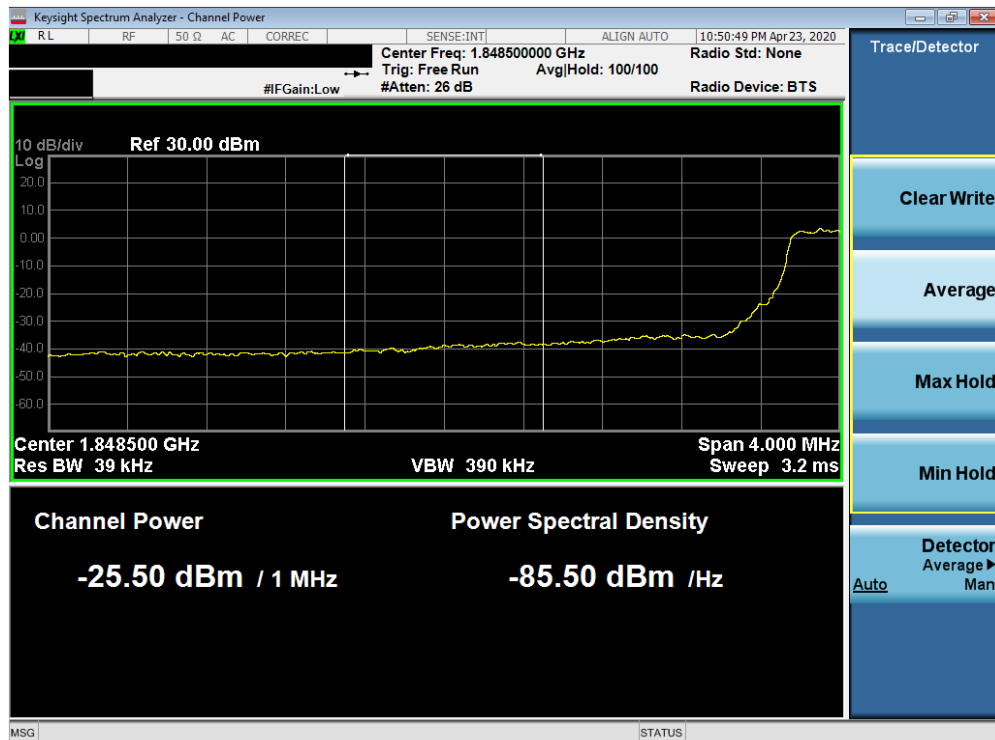


Plot 7-521. Upper Extended Band Edge Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 290 of 494

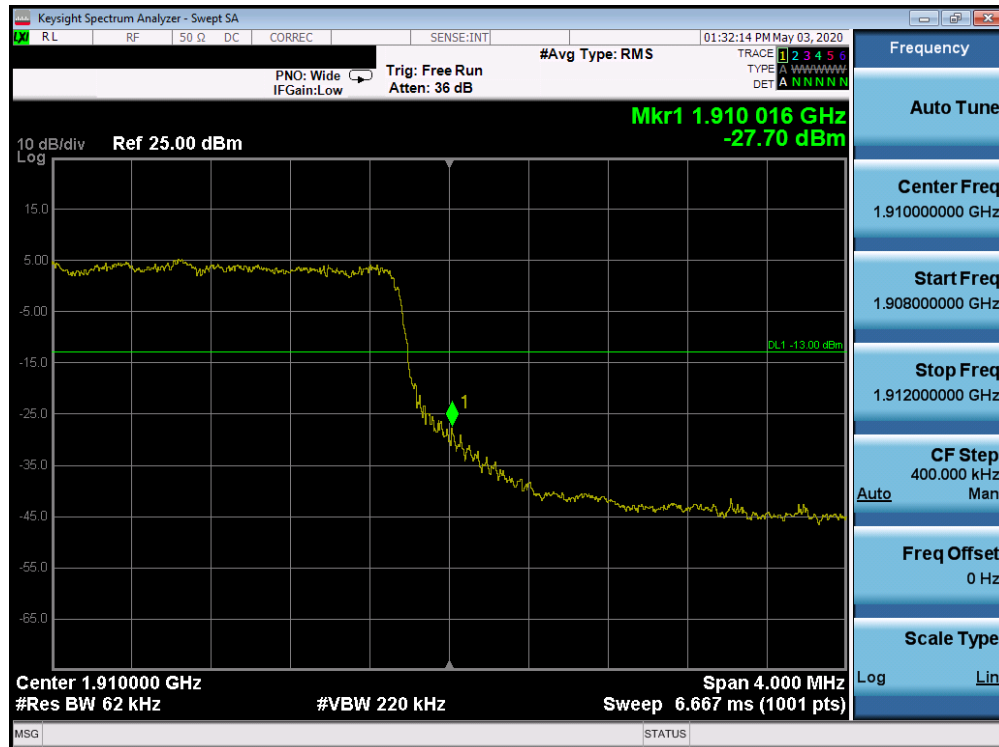


Plot 7-522. Lower Band Edge Plot (Band 25/2 - 5.0MHz QPSK - Full RB Configuration)

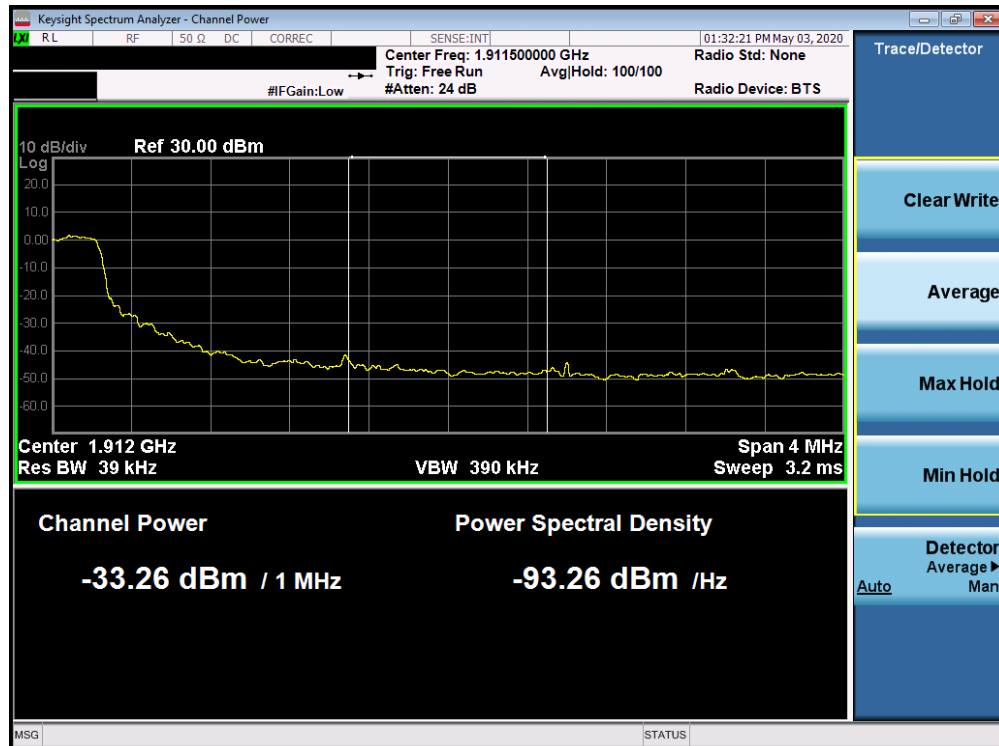


Plot 7-523. Lower Extended Band Edge Plot (Band 25/2 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 291 of 494



Plot 7-524. Upper Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

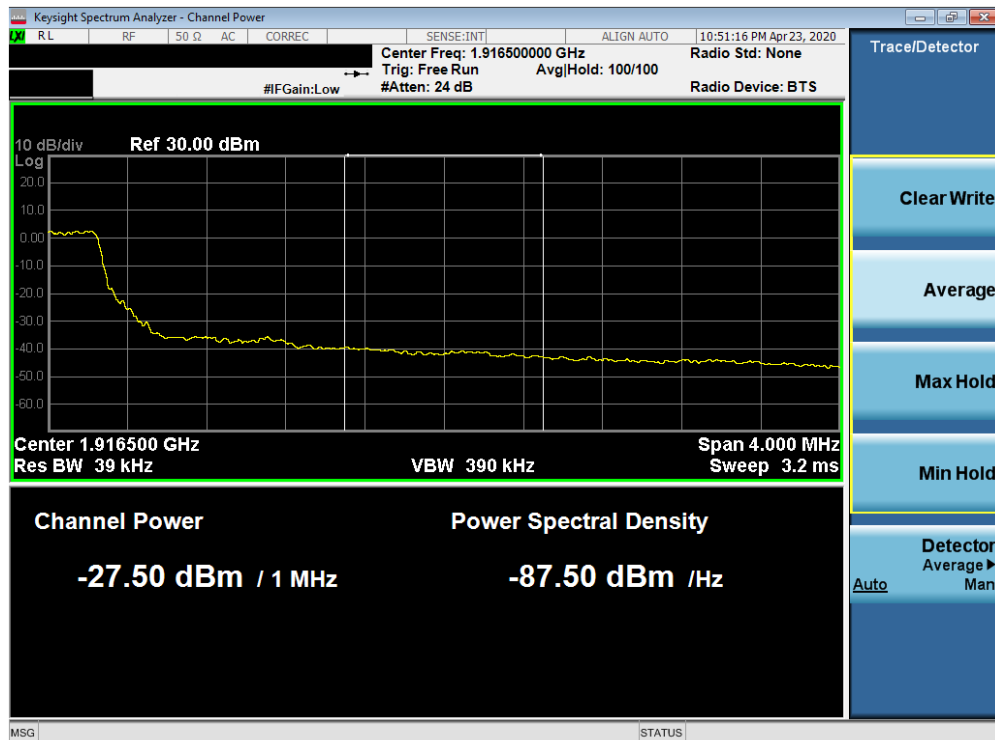


Plot 7-525. Upper Extended Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3-A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 292 of 494

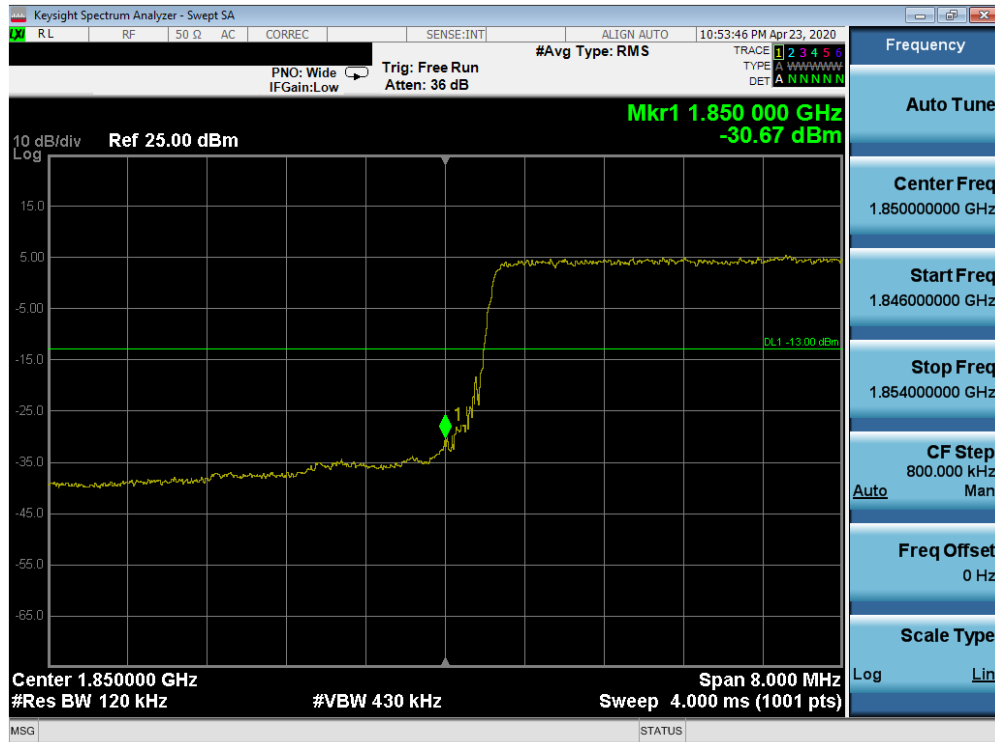


Plot 7-526. Upper Band Edge Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)

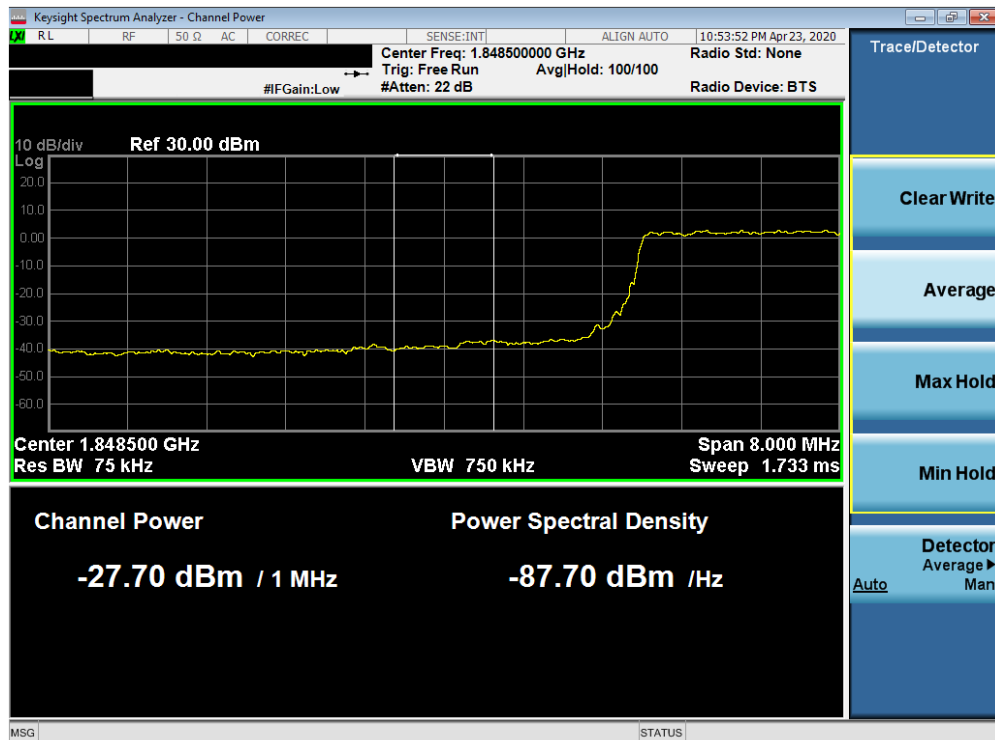


Plot 7-527. Upper Extended Band Edge Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 293 of 494

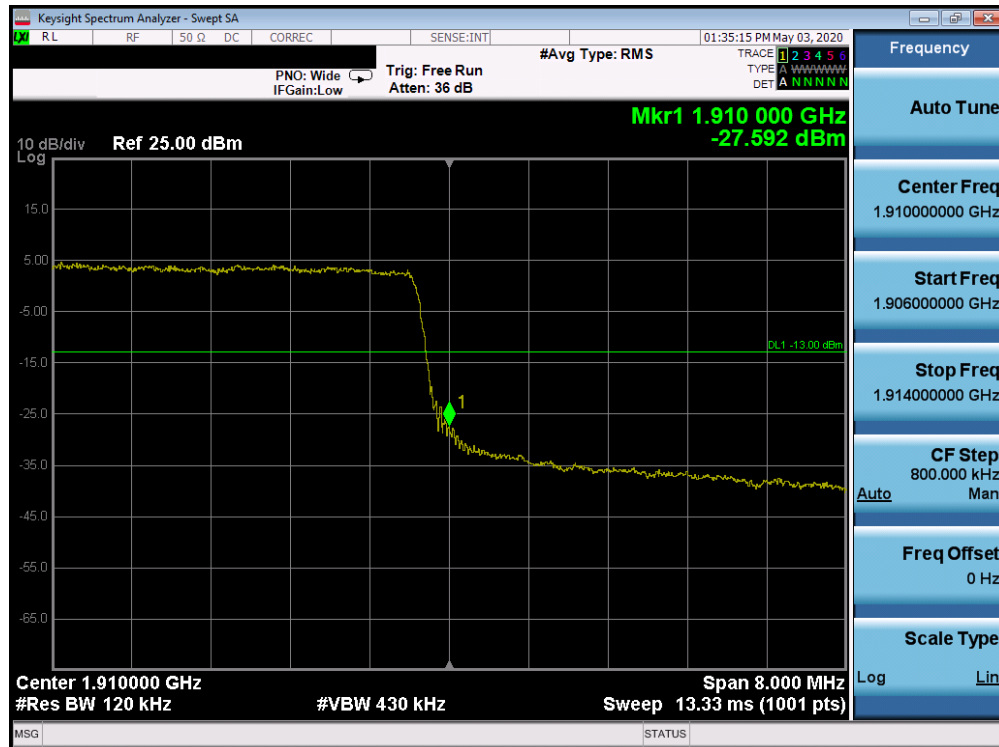


Plot 7-528. Lower Band Edge Plot (Band 25/2 - 10.0MHz QPSK - Full RB Configuration)

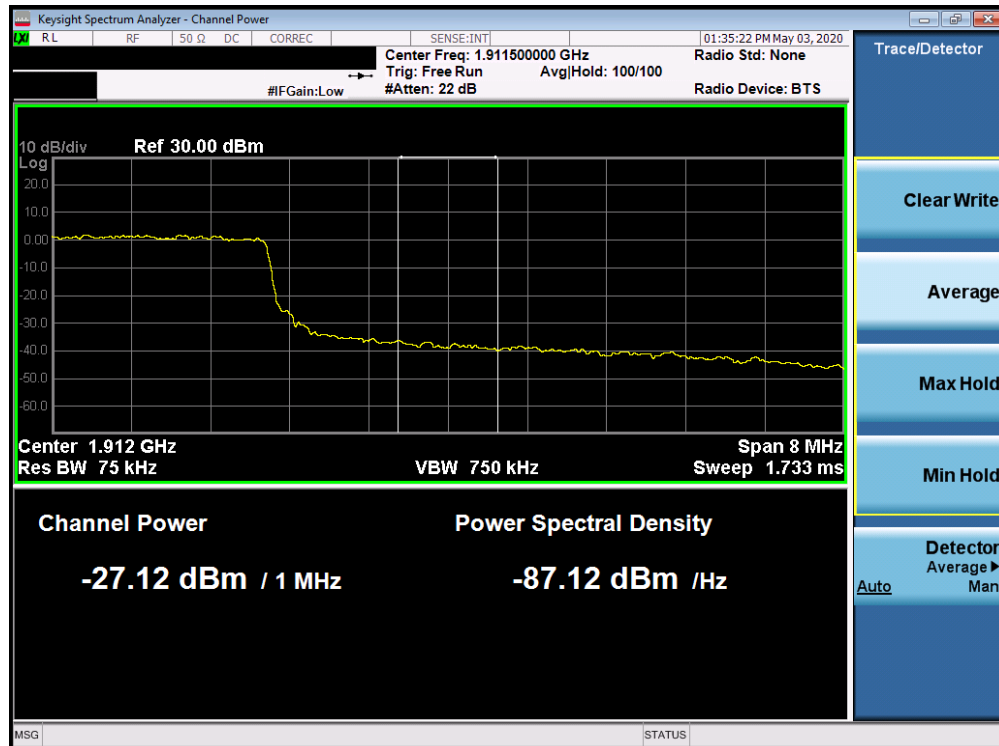


Plot 7-529. Lower Extended Band Edge Plot (Band 25/2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 294 of 494

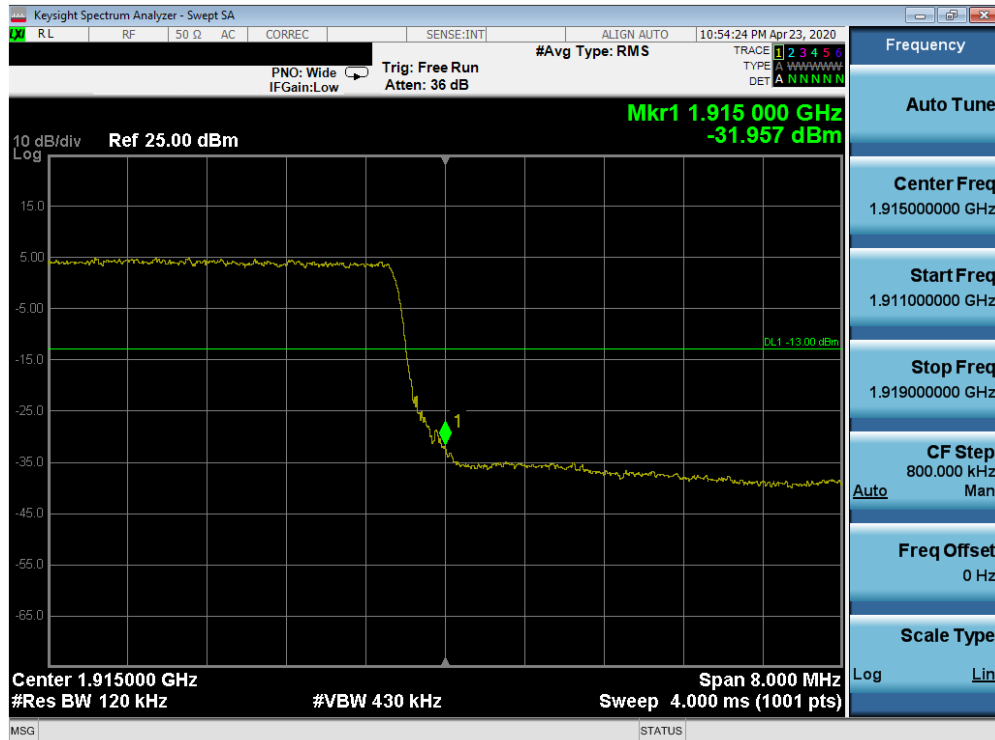


Plot 7-530. Upper Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

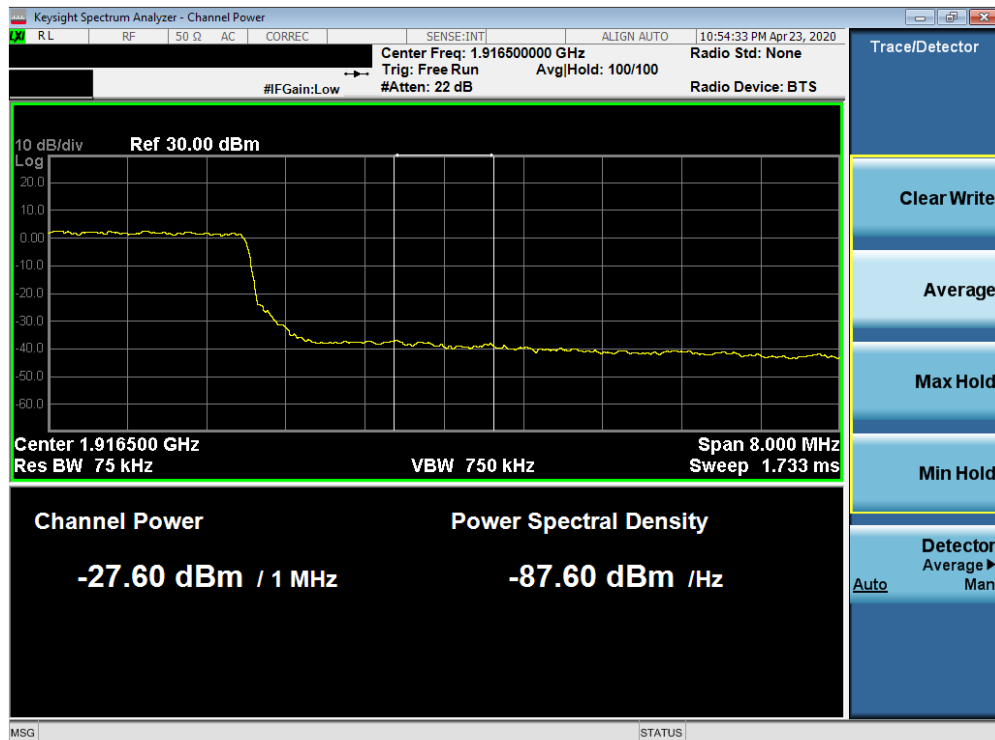


Plot 7-531. Upper Extended Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 295 of 494

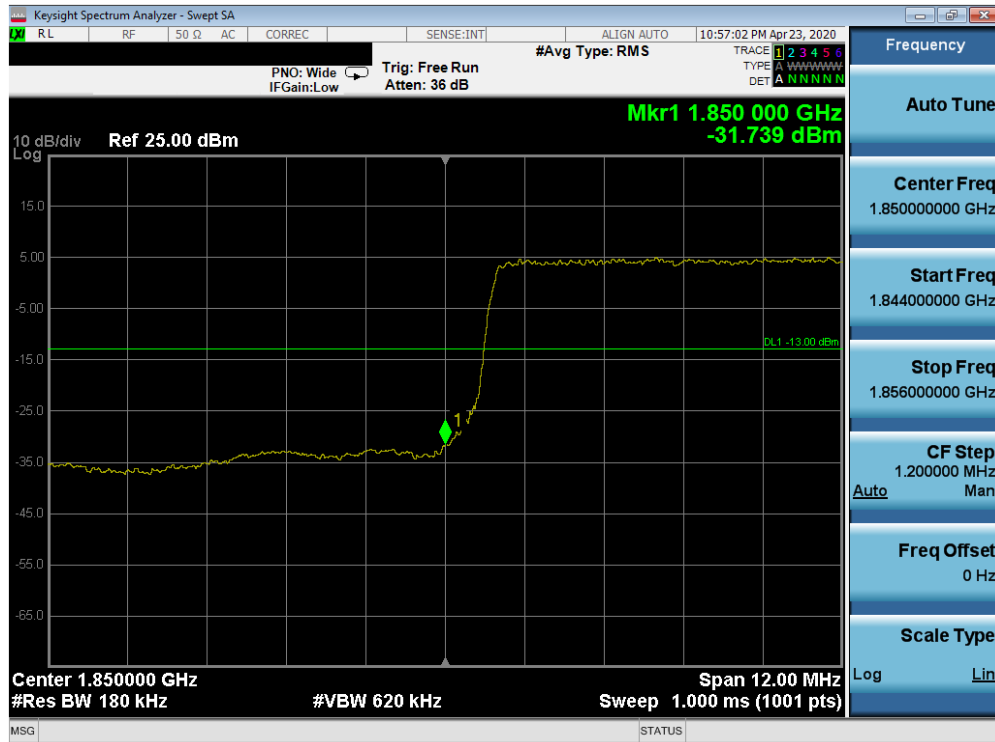


Plot 7-532. Upper Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

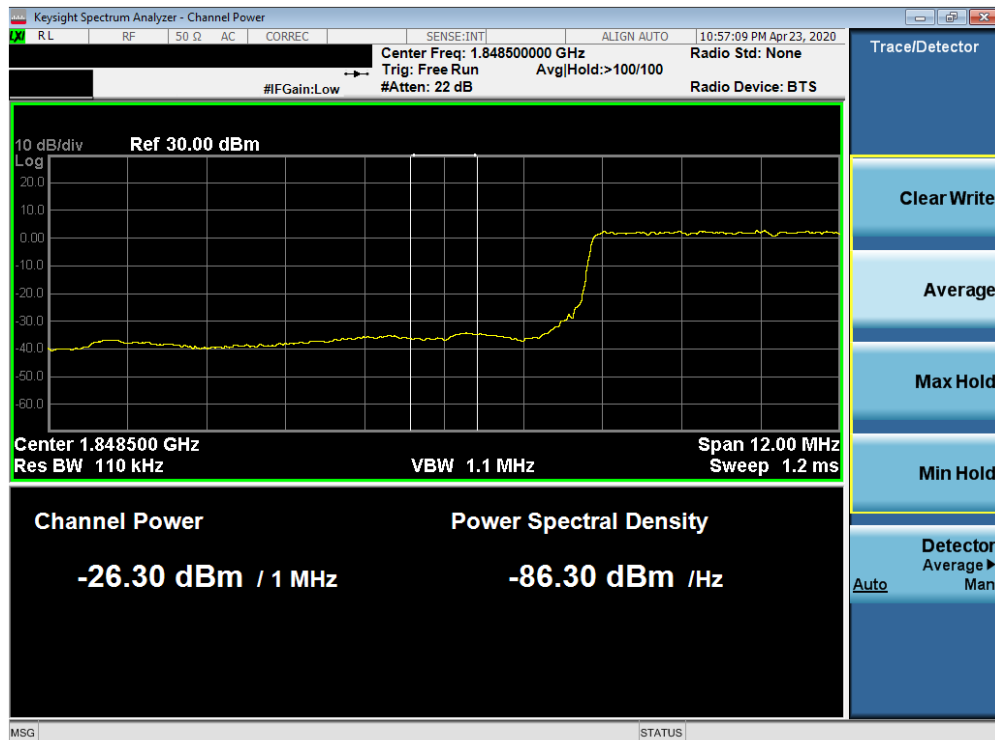


Plot 7-533. Upper Extended Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 296 of 494

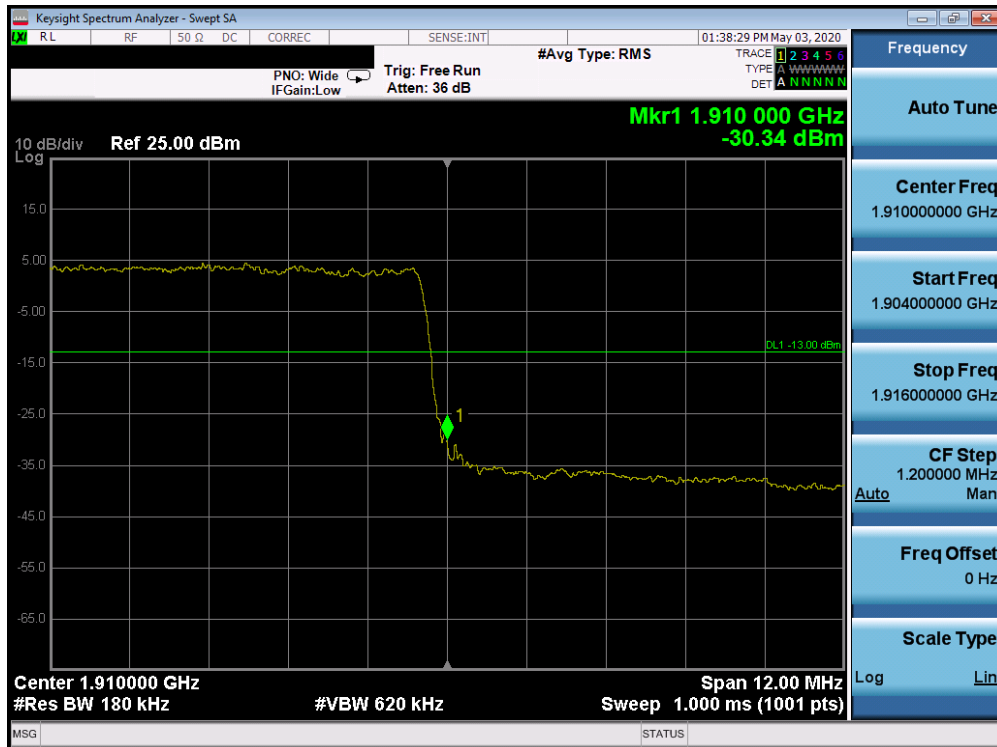


Plot 7-534. Lower Band Edge Plot (Band 25/2 - 15.0MHz QPSK - Full RB Configuration)

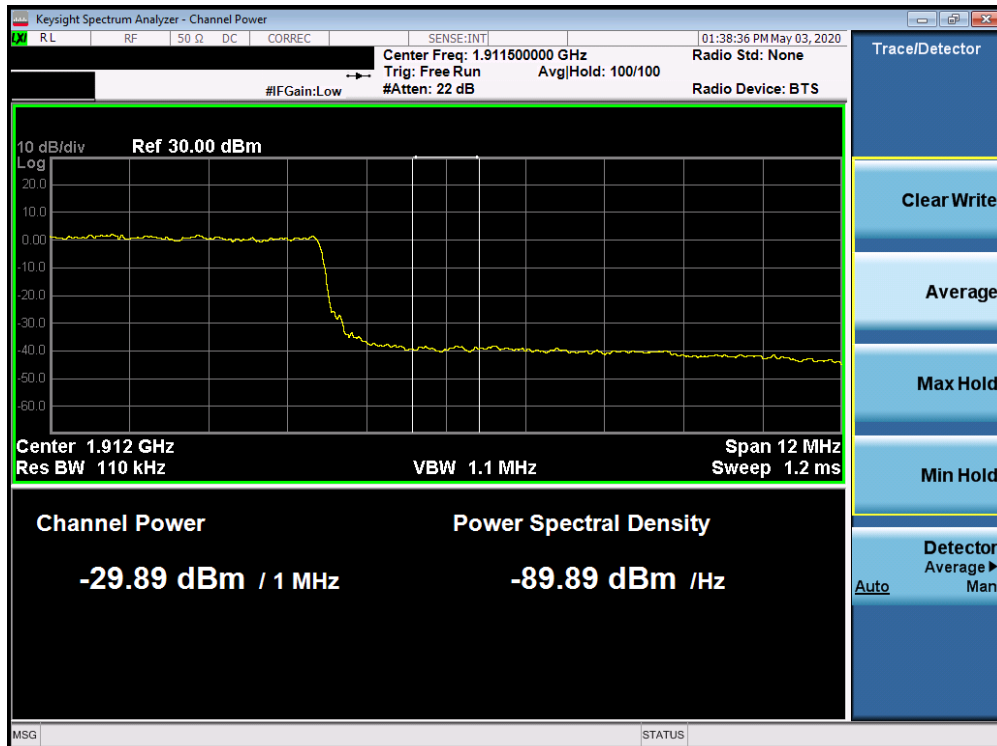


Plot 7-535. Lower Extended Band Edge Plot (Band 25/2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 297 of 494



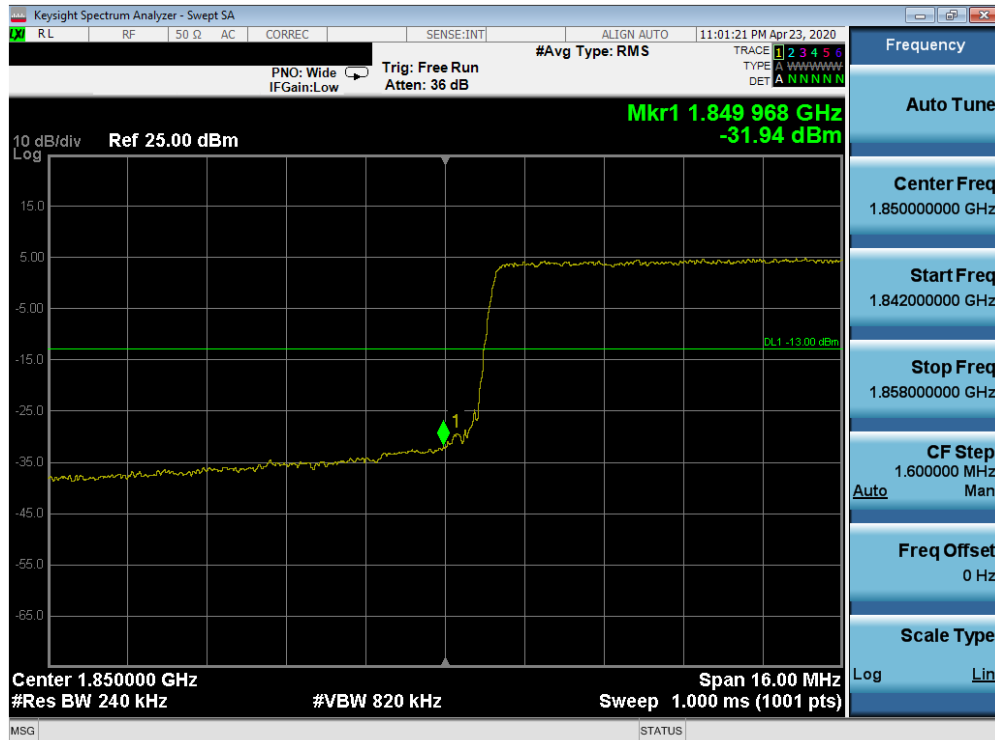
Plot 7-536. Upper Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)



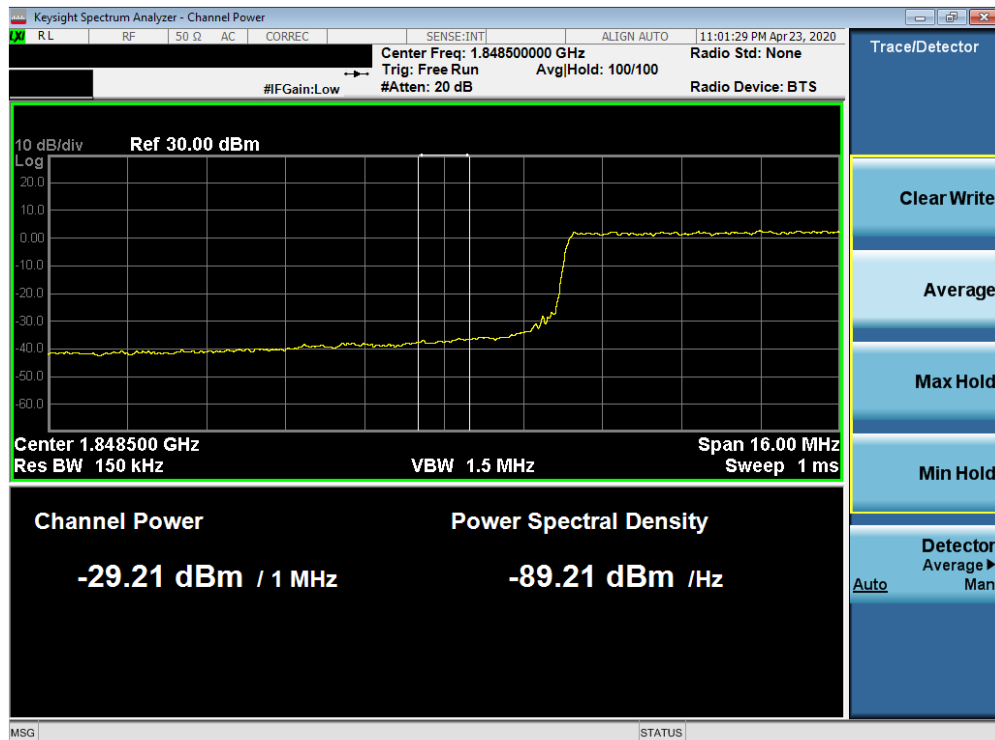
Plot 7-537. Upper Extended Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3-A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 298 of 494





Plot 7-540. Lower Band Edge Plot (Band 25/2 - 20.0MHz QPSK - Full RB Configuration)

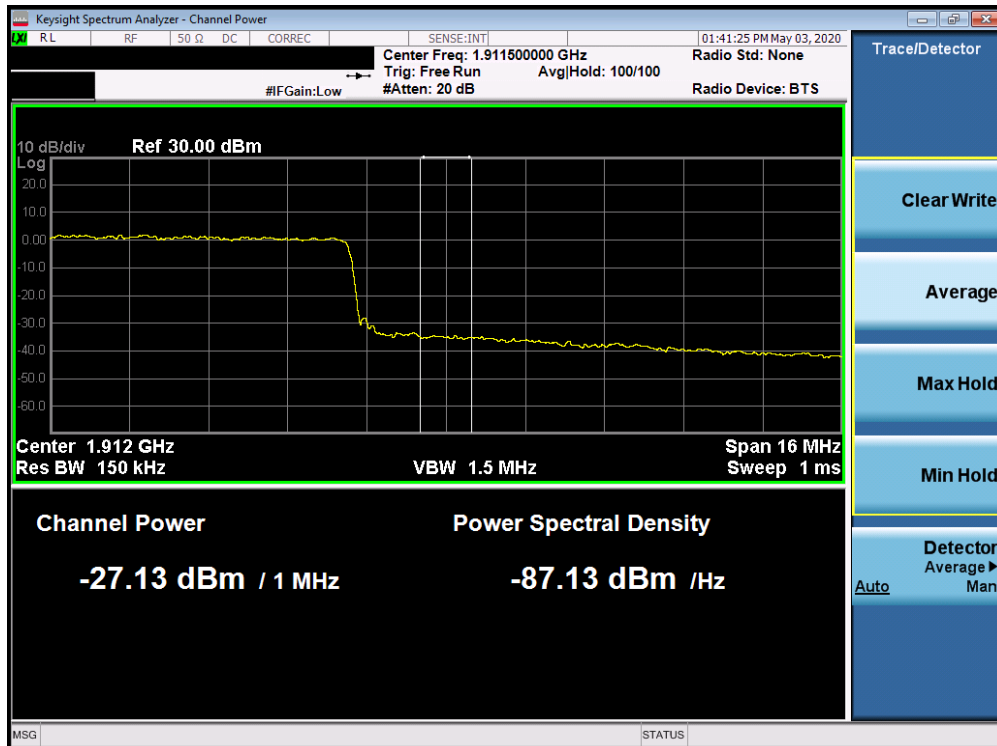


Plot 7-541. Lower Extended Band Edge Plot (Band 25/2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3-A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 300 of 494



Plot 7-542. Upper Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

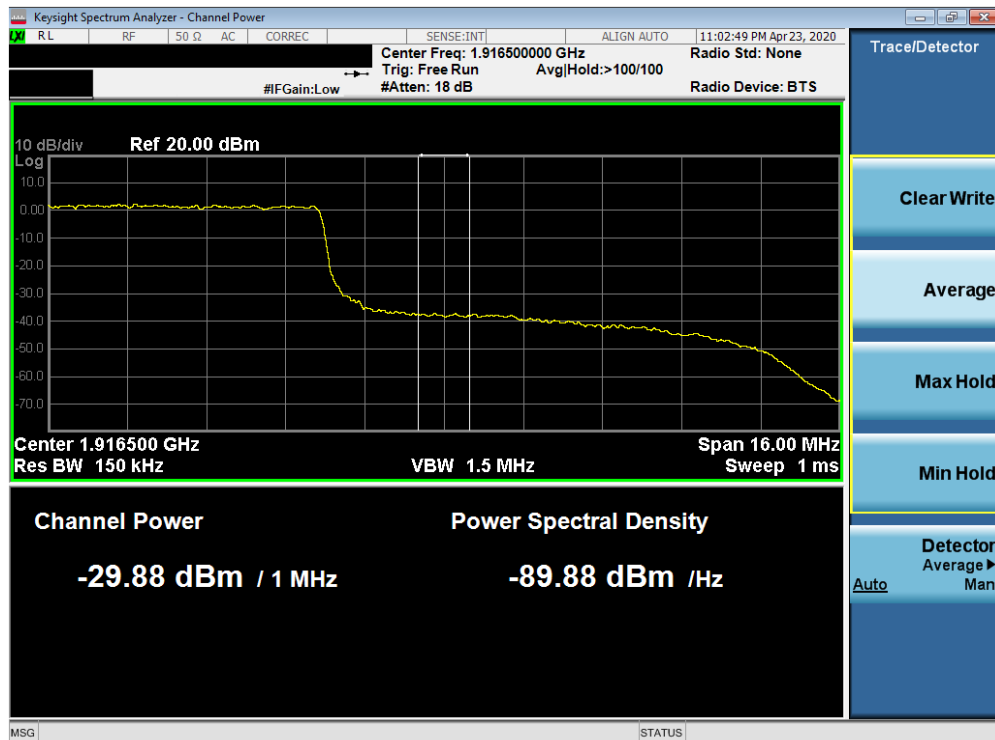


Plot 7-543. Upper Extended Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 301 of 494



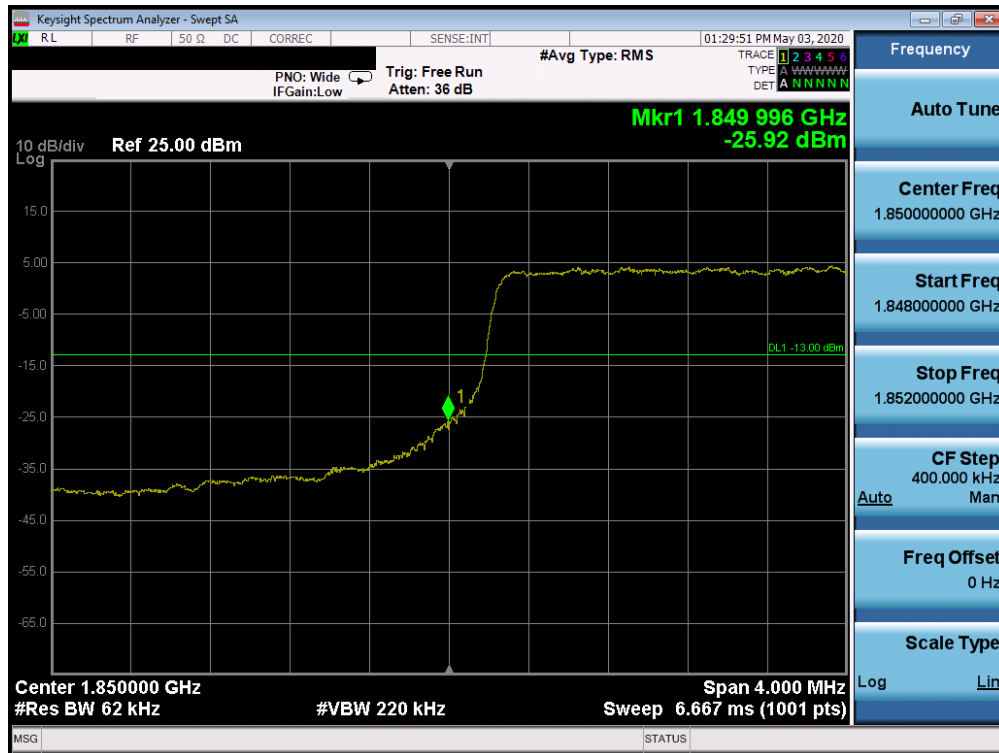
Plot 7-544. Upper Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)



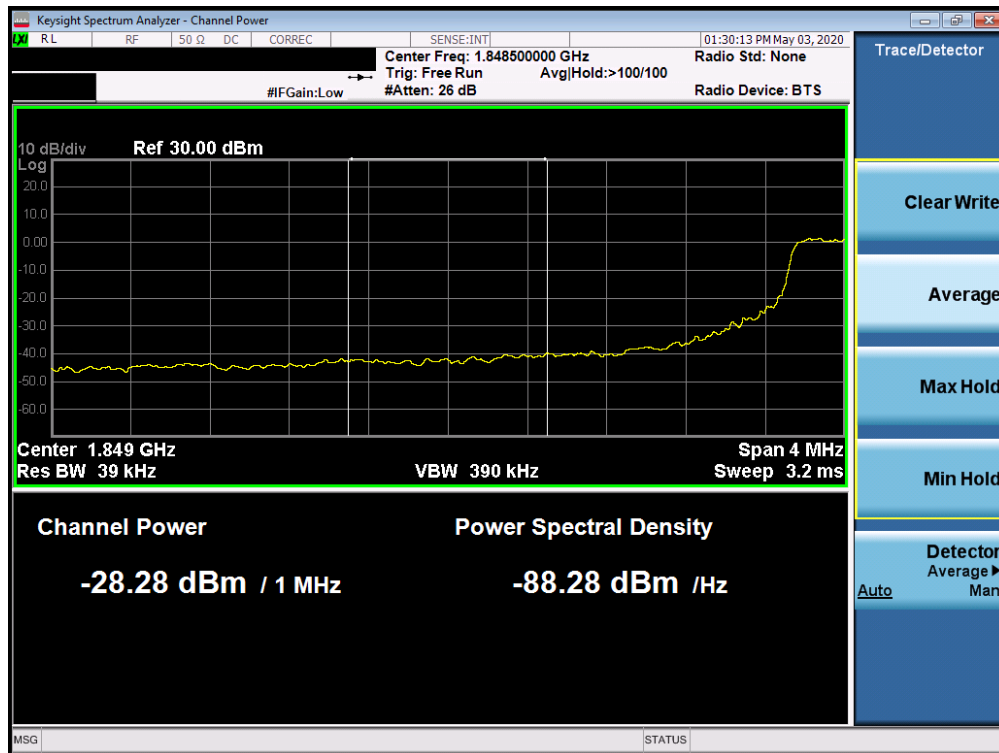
Plot 7-545. Upper Extended Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 302 of 494

NR Band n25/2

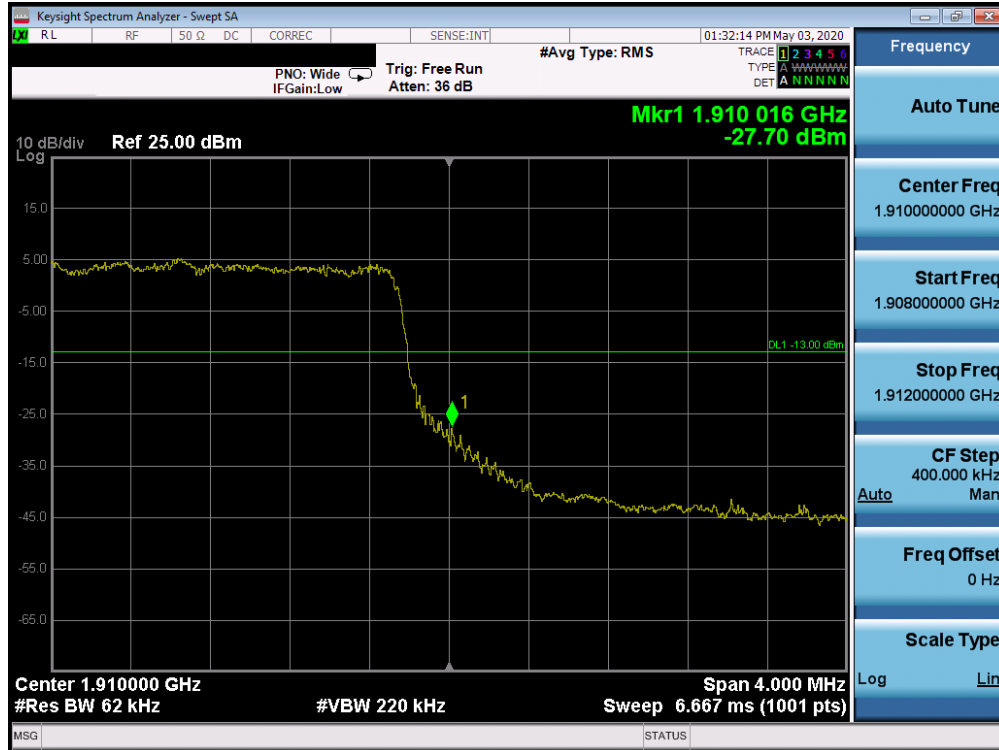


Plot 7-546. Lower Band Edge Plot (n25/2 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

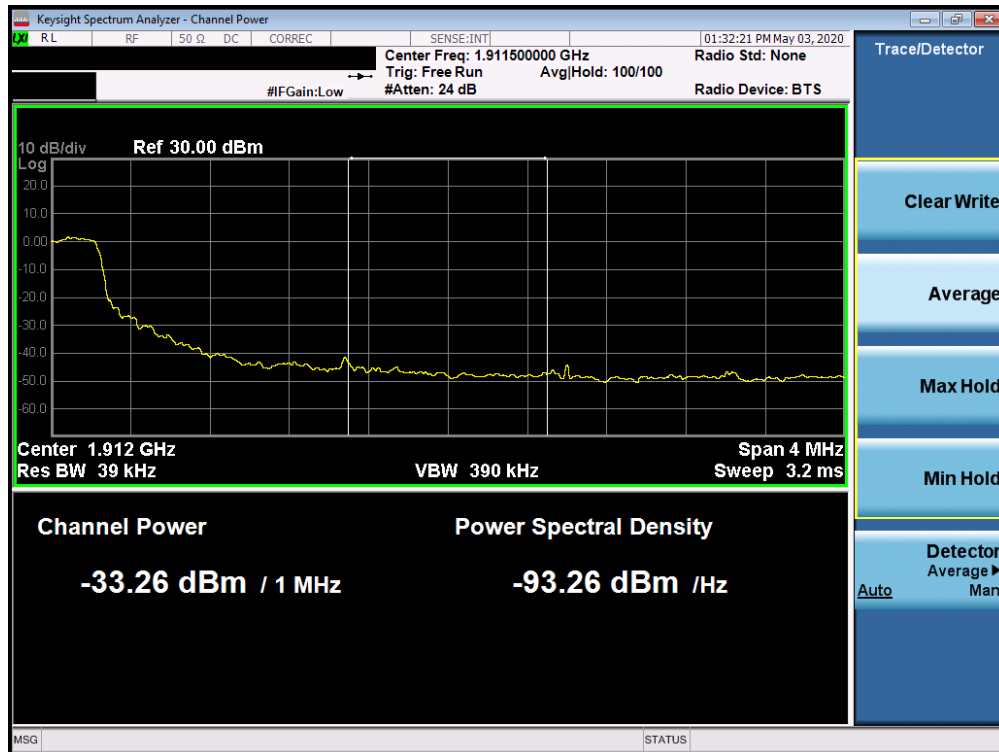


Plot 7-547. Lower Extended Band Edge Plot (n25/2 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3-A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 303 of 494



Plot 7-548. Upper Band Edge Plot (n2 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-549. Upper Extended Band Edge Plot (n2 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 304 of 494

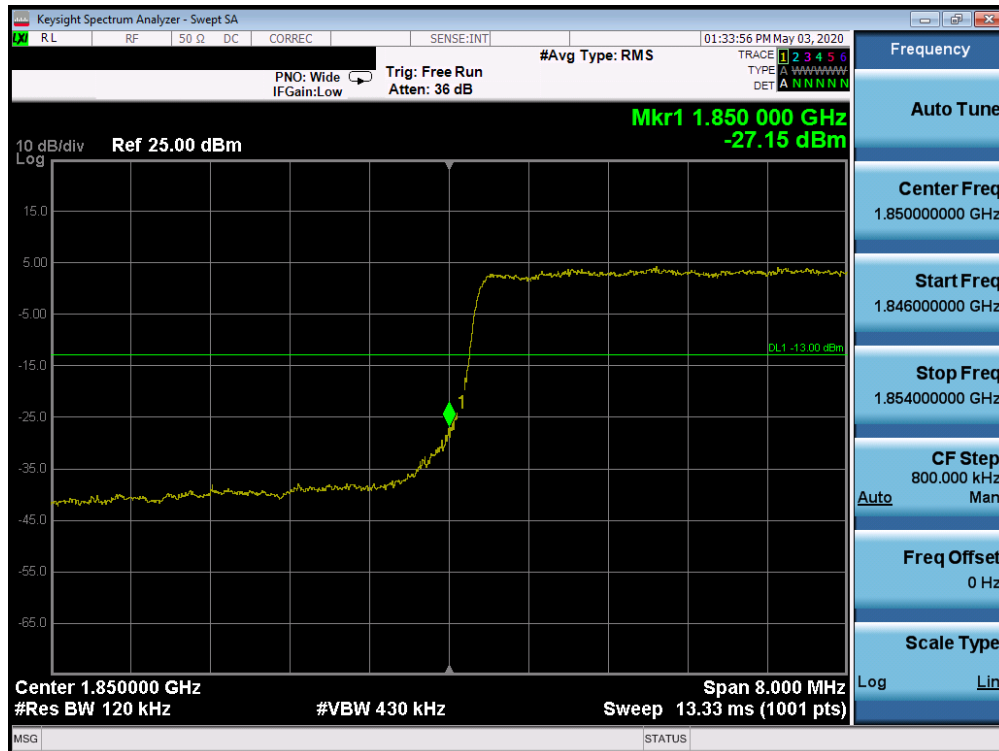


Plot 7-550. Upper Band Edge Plot (n25 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

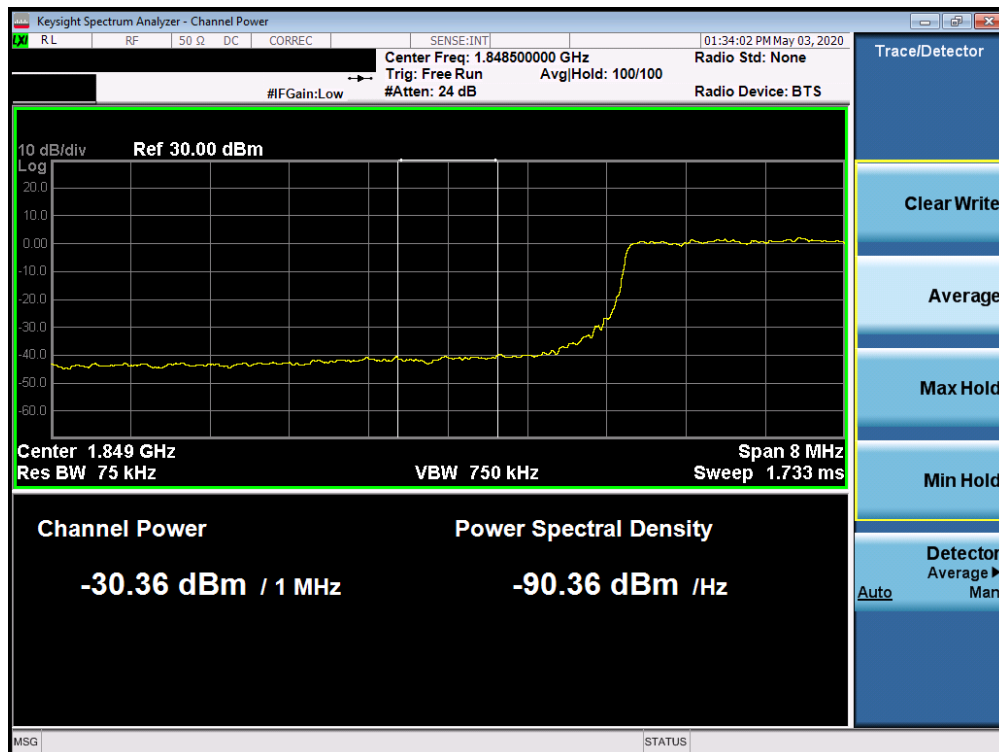


Plot 7-551. Upper Extended Band Edge Plot (n25 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 305 of 494



Plot 7-552. Lower Band Edge Plot (n25/2 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

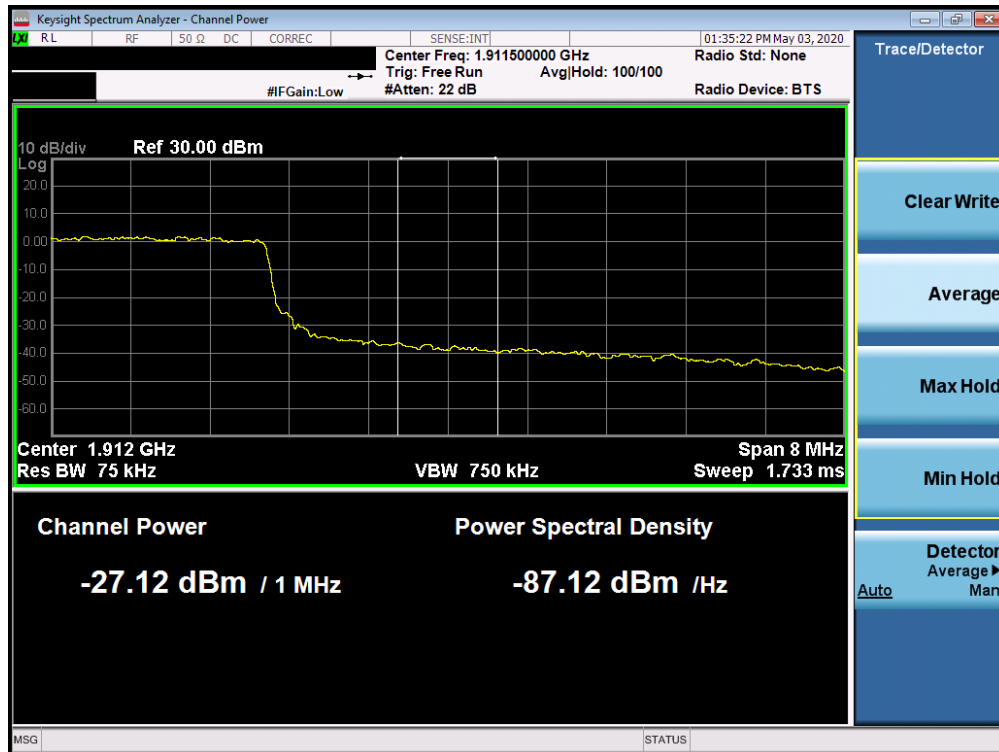


Plot 7-553. Lower Extended Band Edge Plot (n25/2 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 306 of 494



Plot 7-554. Upper Band Edge Plot (n2 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

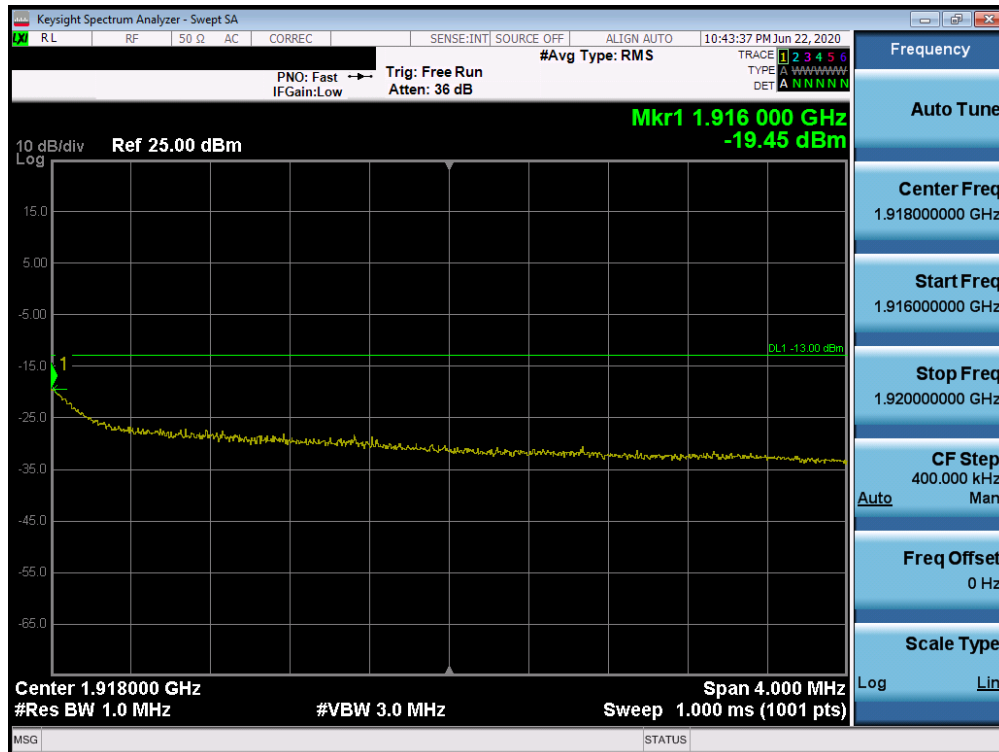


Plot 7-555. Upper Extended Band Edge Plot (n2 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 307 of 494

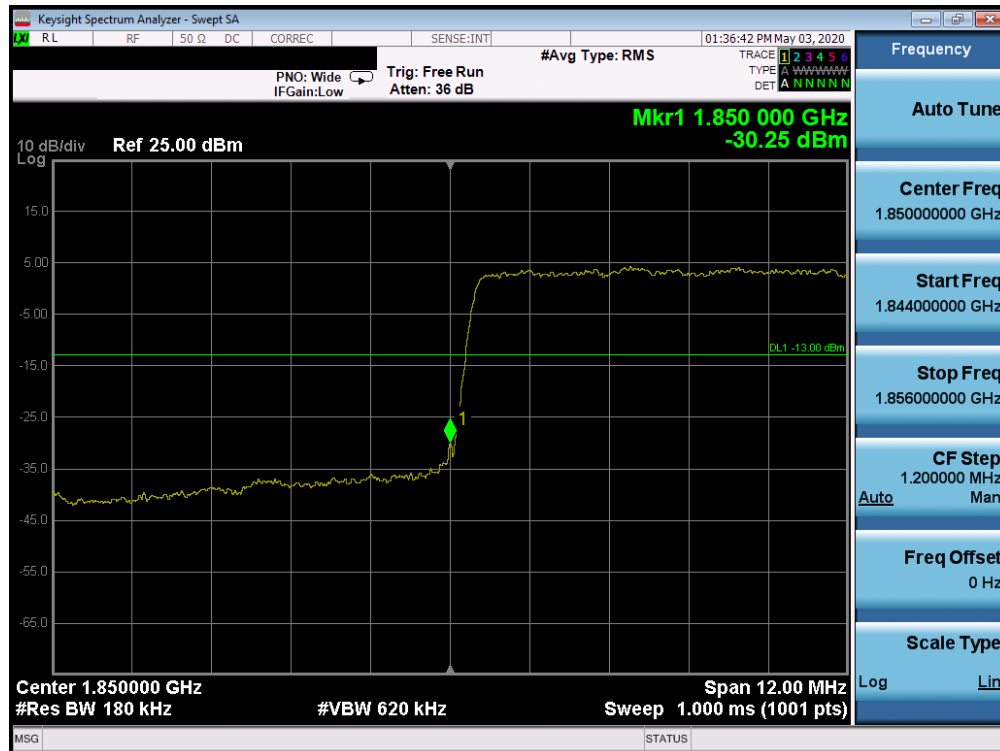


Plot 7-556. Upper Band Edge Plot (n25 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

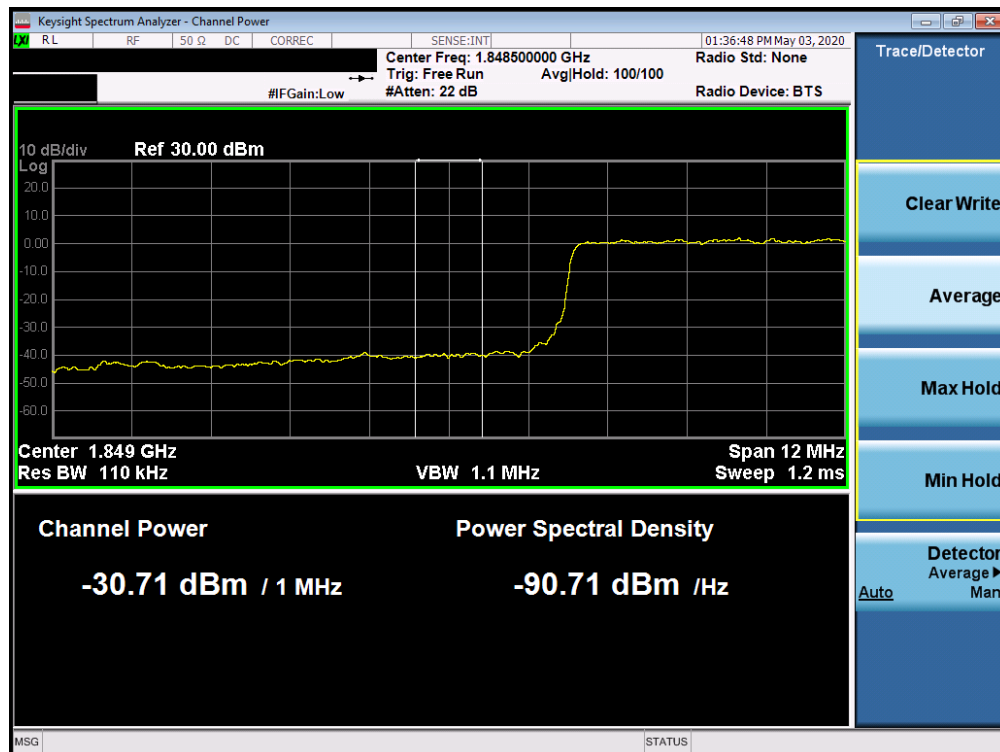


Plot 7-557. Upper Extended Band Edge Plot (n25 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 308 of 494

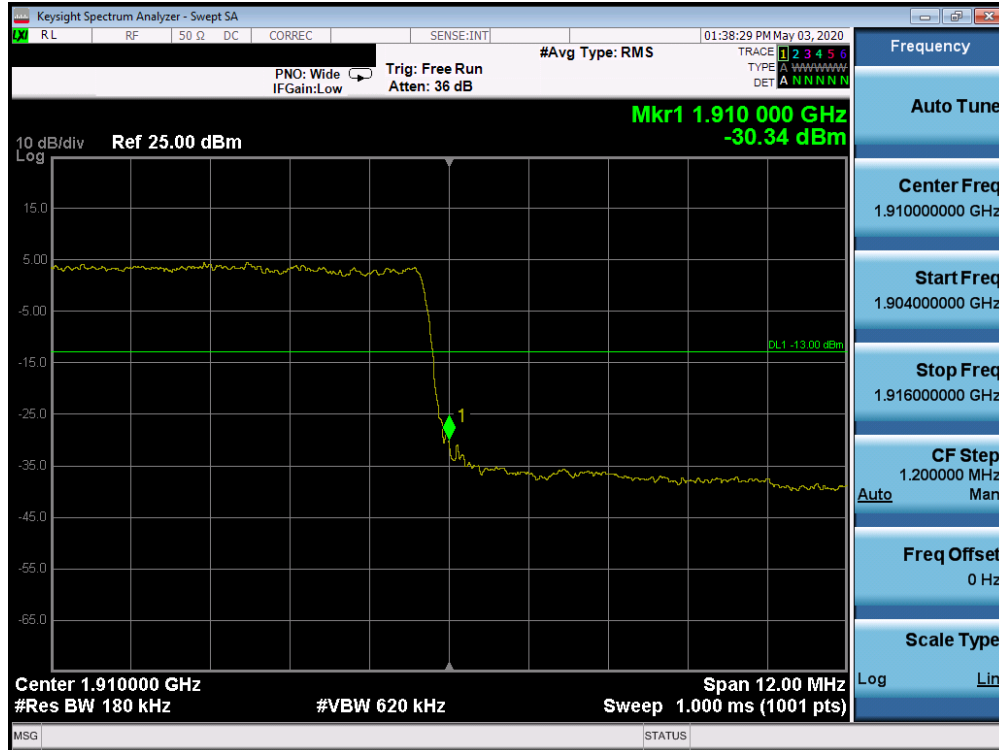


Plot 7-558. Lower Band Edge Plot (n25/2 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

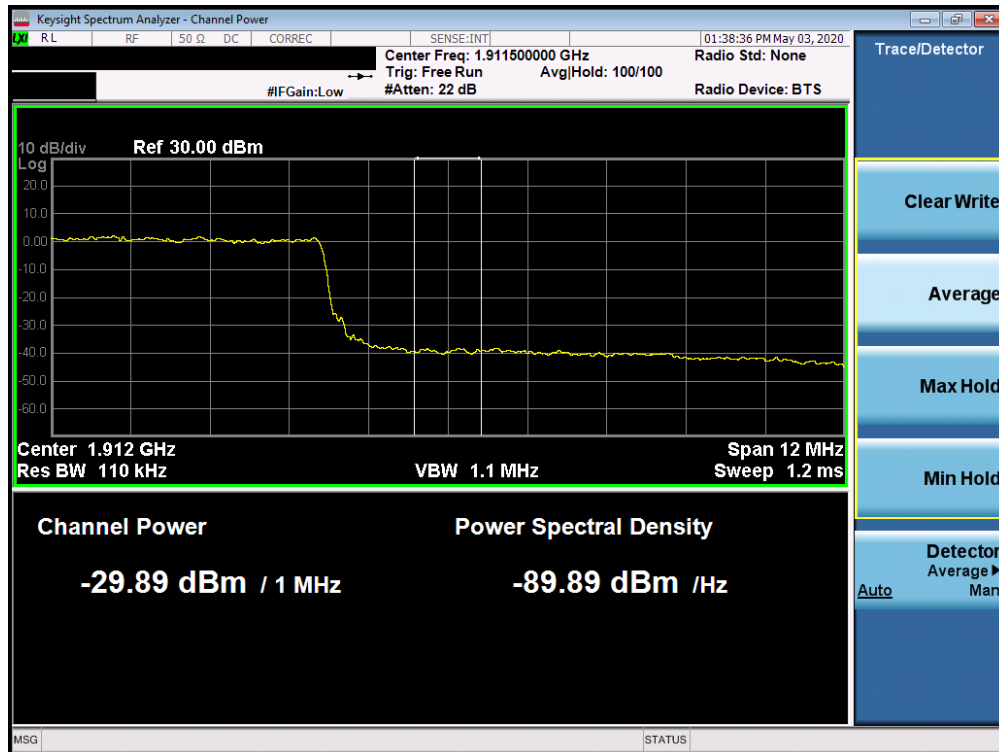


Plot 7-559. Lower Extended Band Edge Plot (n25/2 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 309 of 494



Plot 7-560. Upper Band Edge Plot (n2 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

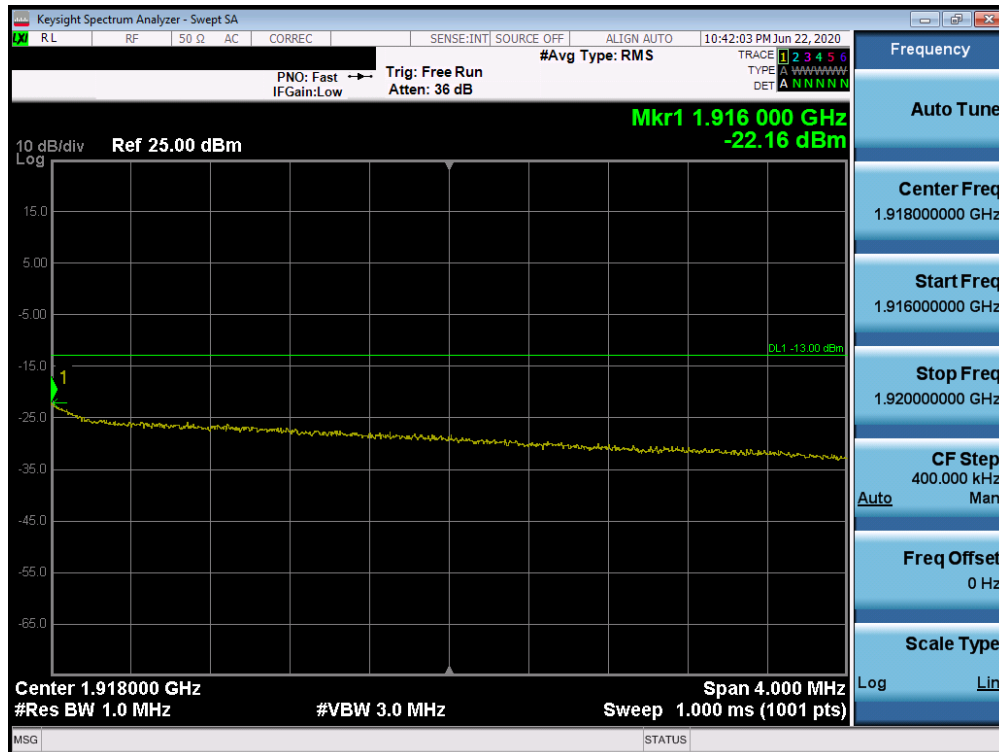


Plot 7-561. Upper Extended Band Edge Plot (n2 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 310 of 494

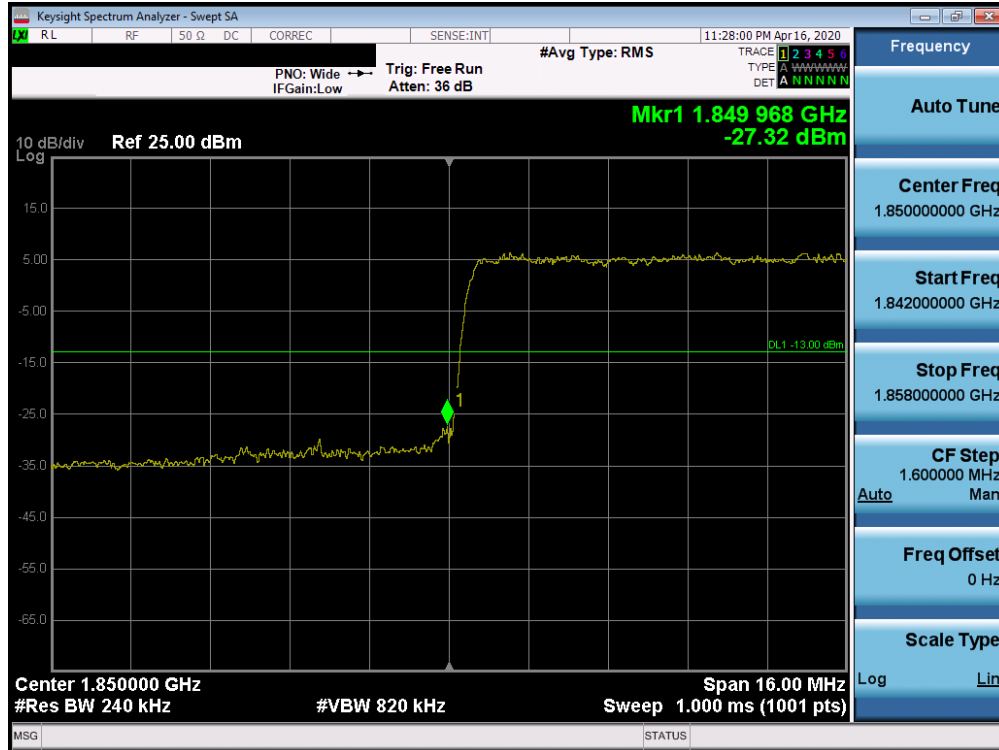


Plot 7-562. Upper Band Edge Plot (n25 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

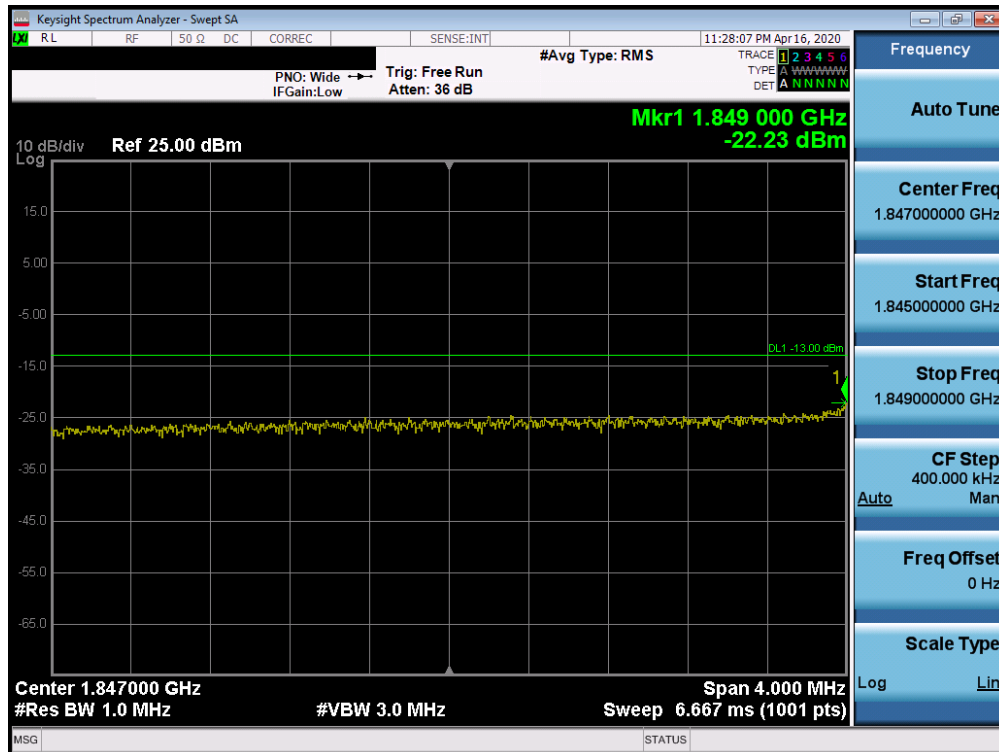


Plot 7-563. Upper Extended Band Edge Plot (n25- 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 311 of 494



Plot 7-564. Lower Band Edge Plot (n25/2 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

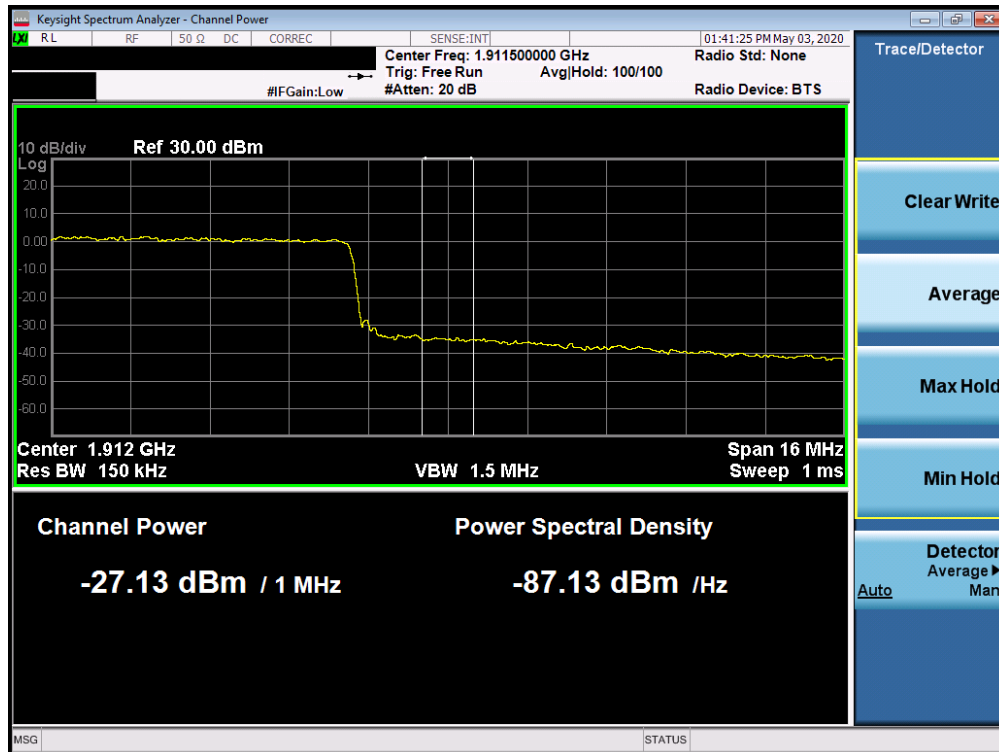


Plot 7-565. Lower Extended Band Edge Plot (n25/2 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 312 of 494



Plot 7-566. Upper Band Edge Plot (n2 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

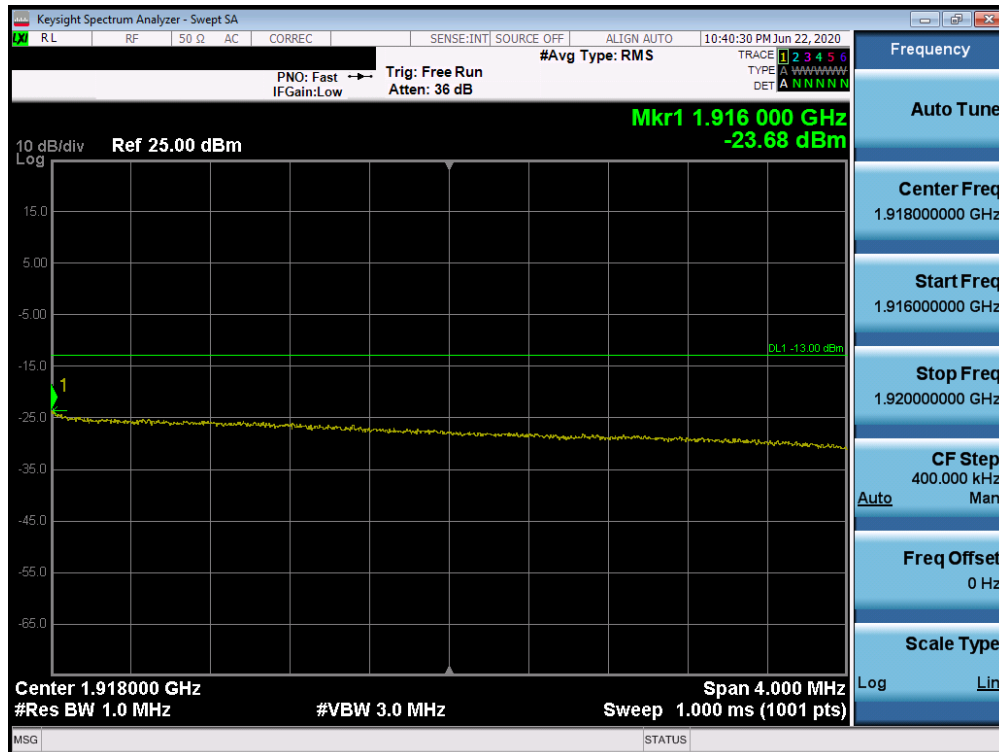


Plot 7-567. Upper Extended Band Edge Plot (n2 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 313 of 494



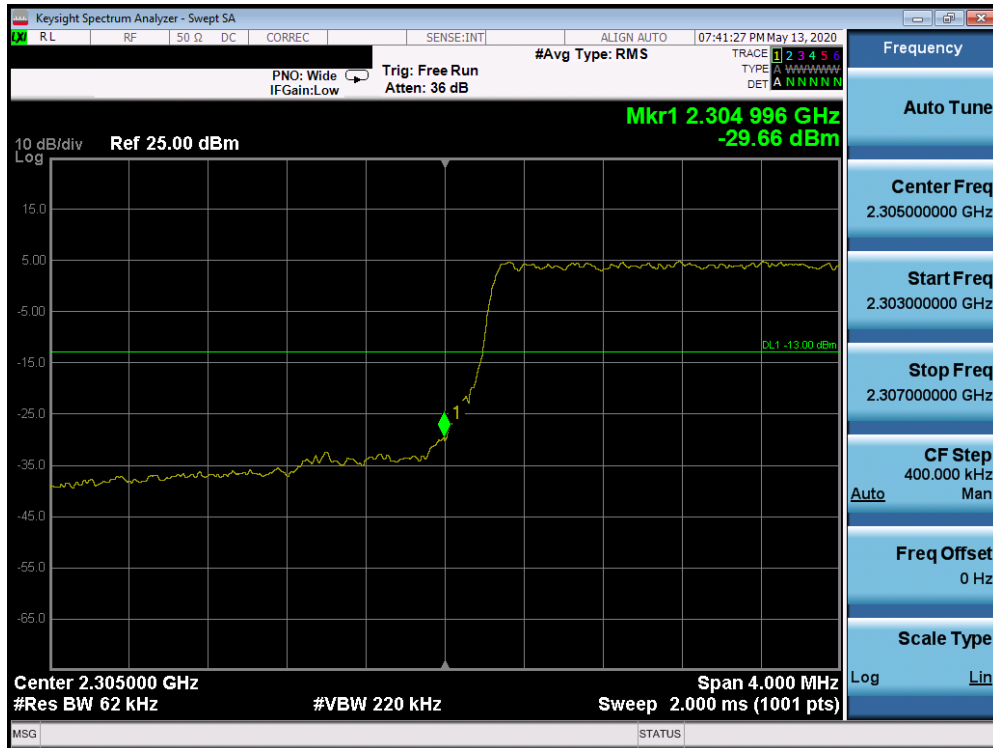
Plot 7-568. Upper Band Edge Plot (n2 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-569. Upper Extended Band Edge Plot (n2 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 314 of 494

Band 30



Plot 7-570. Lower Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-571. Lower Extended Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3-A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 315 of 494

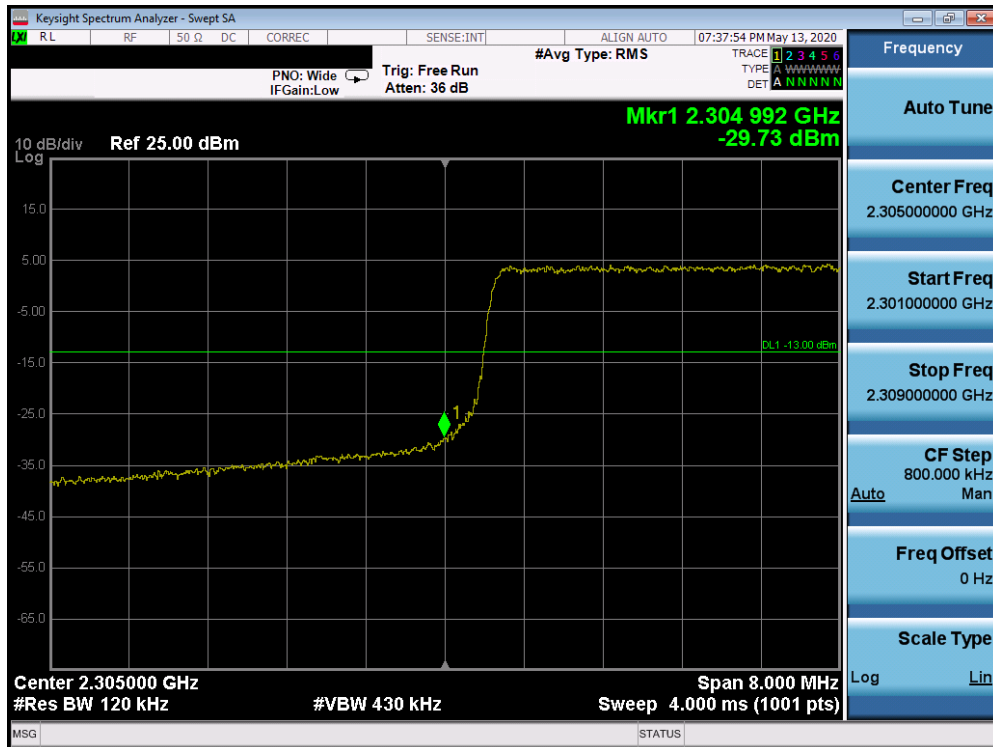


Plot 7-572. Upper Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-573. Upper Extended Band Edge Plot (Band 30 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 316 of 494



Plot 7-574. Lower Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-575. Lower Extended Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 317 of 494



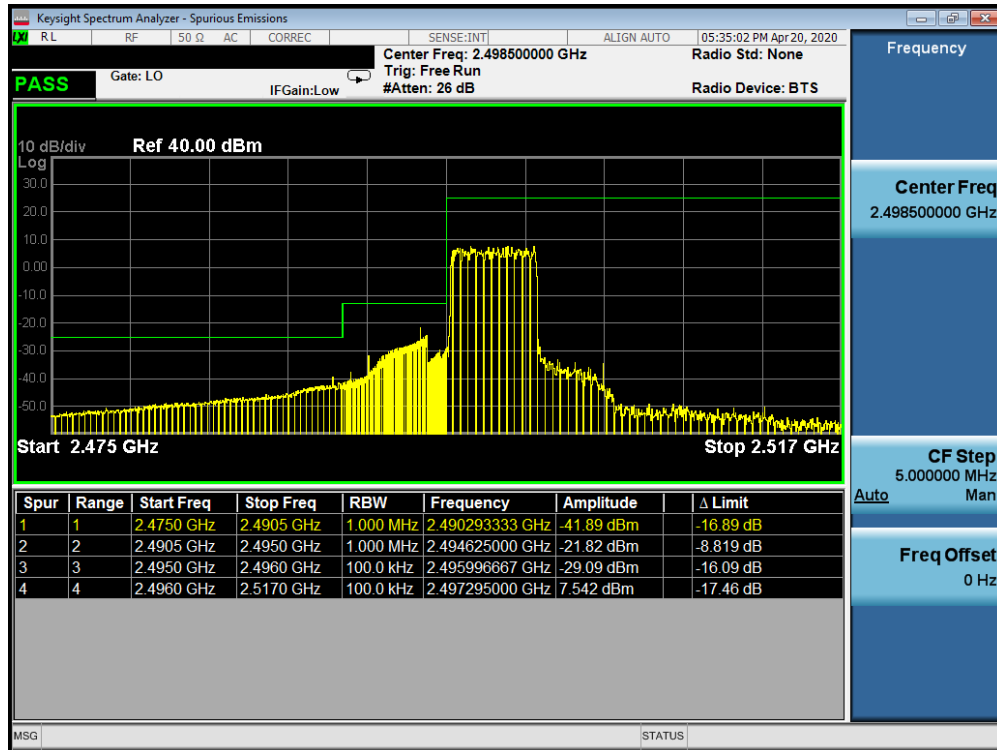
Plot 7-576. Upper Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)



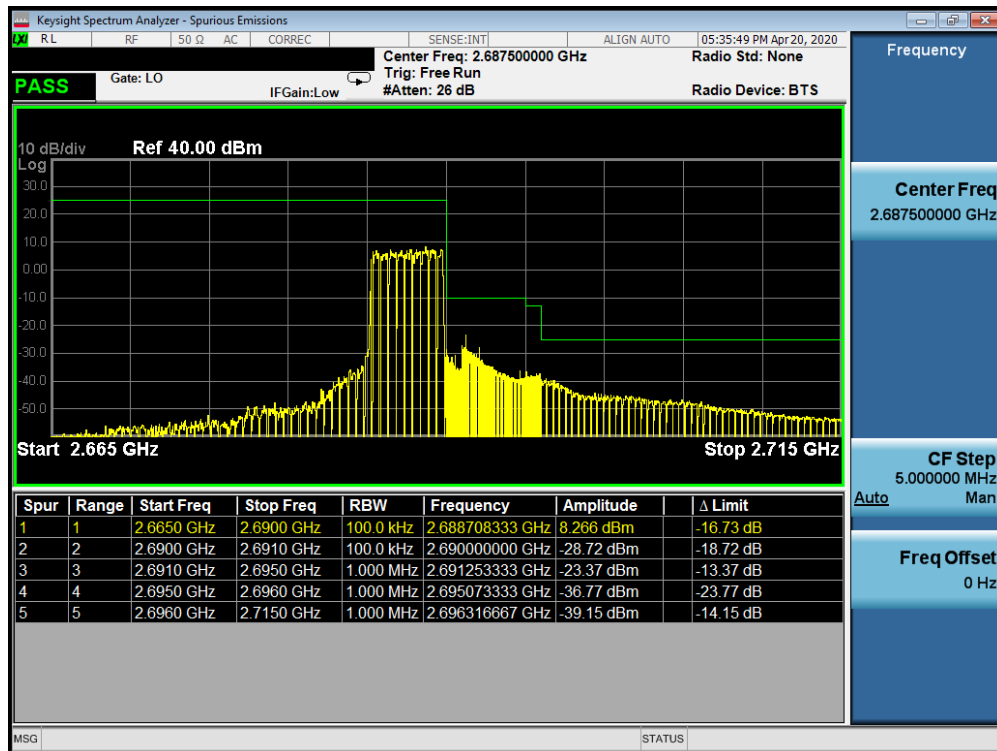
Plot 7-577. Upper Extended Band Edge Plot (Band 30 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 318 of 494

Band 41 PC2

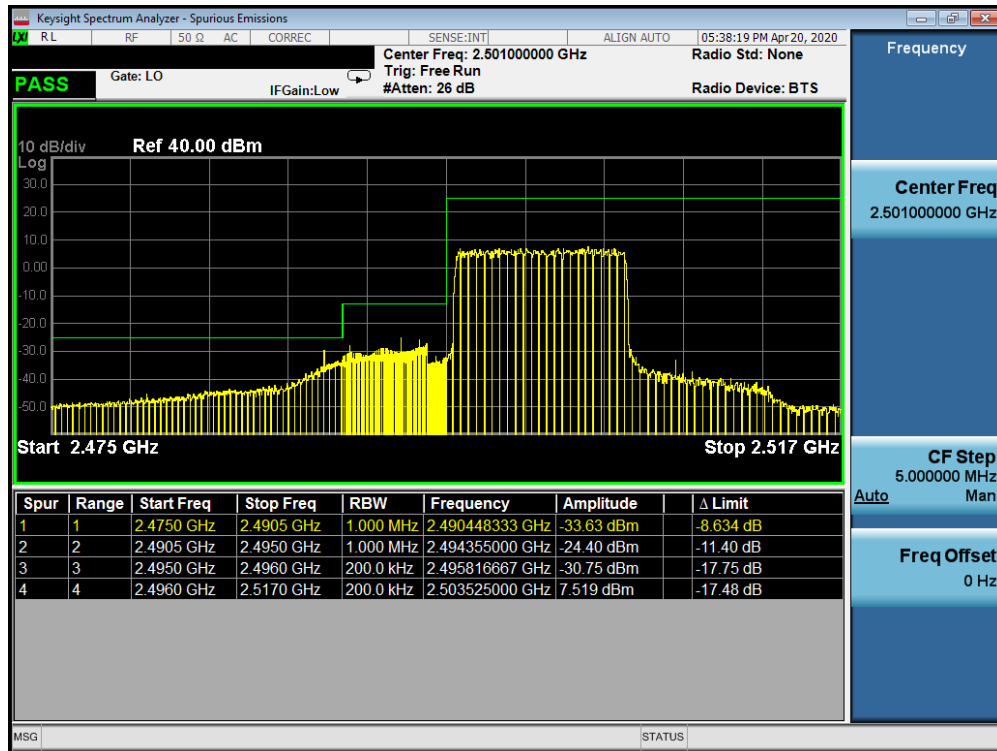


Plot 7-578. Lower ACP Plot at 2496 MHz (Band 41 PC2- 5.0MHz QPSK - Full RB Configuration)

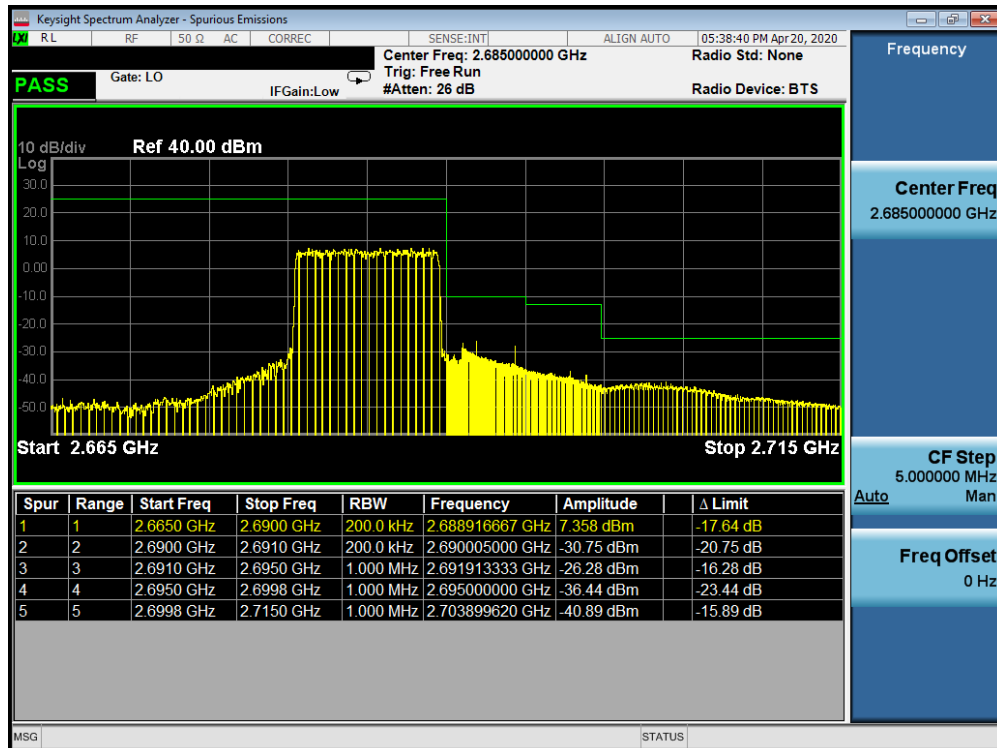


Plot 7-579. Upper ACP Plot (Band 41 PC2- 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 319 of 494

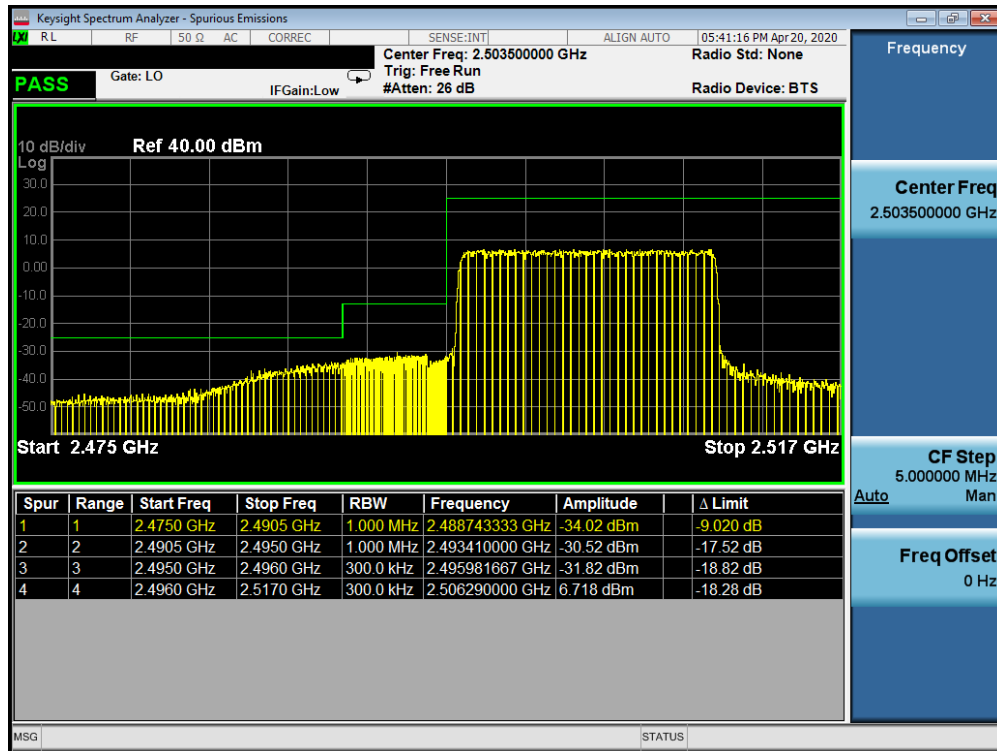


Plot 7-580. Lower ACP Plot at 2496 MHz (Band 41 PC2- 10.0MHz QPSK - Full RB Configuration)

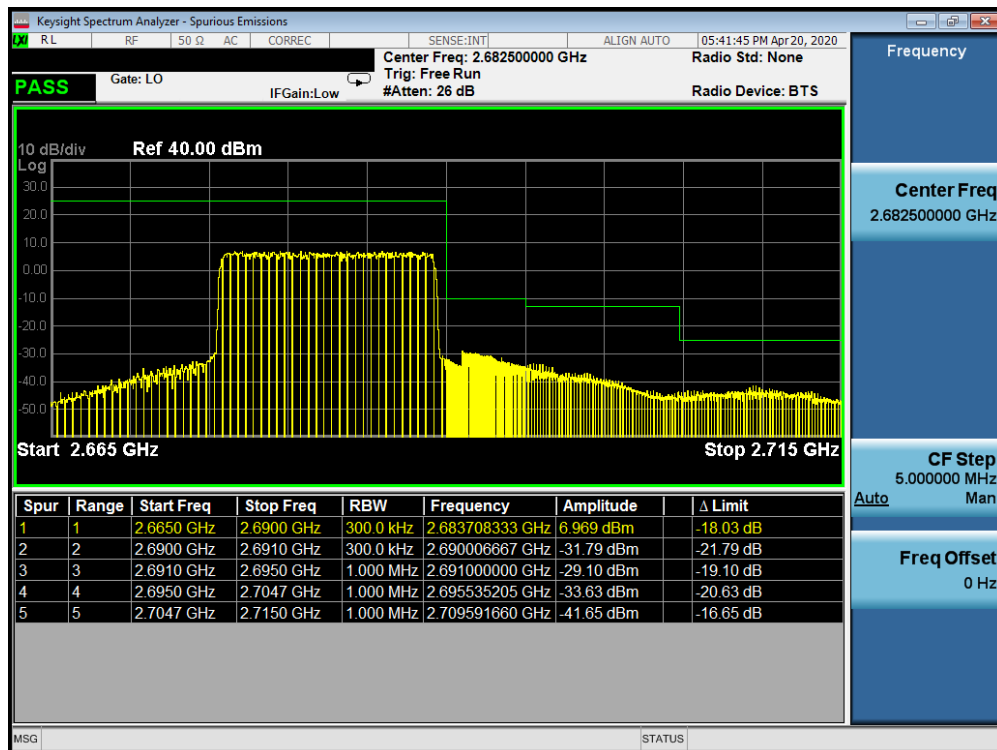


Plot 7-581. Upper ACP Plot (Band 41 PC2- 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 320 of 494

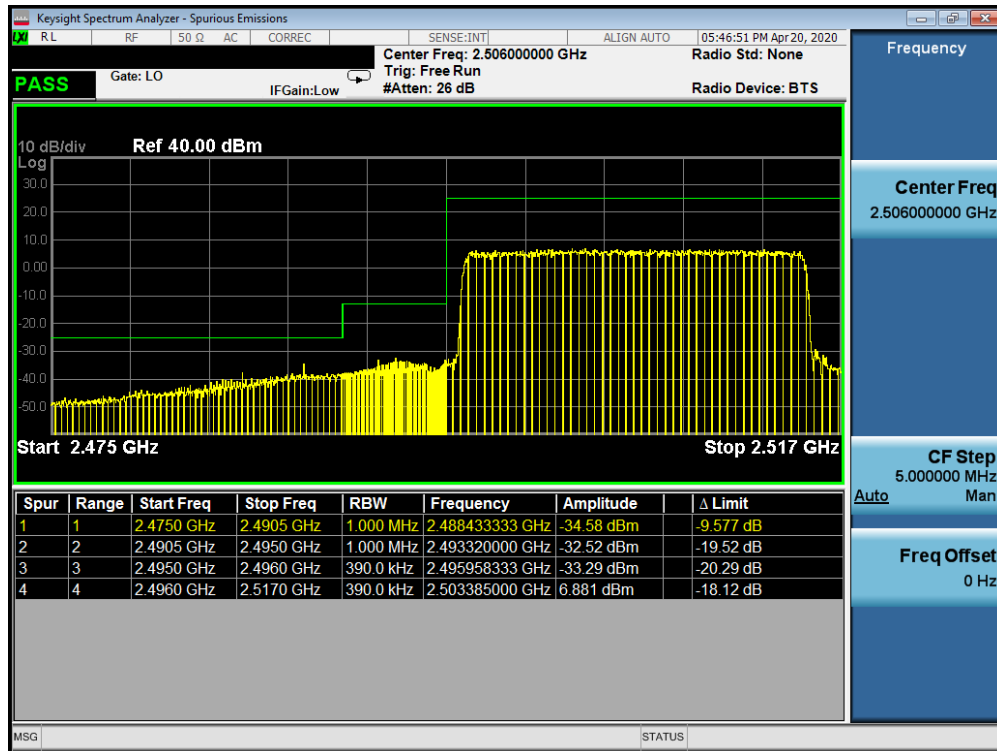


Plot 7-582. Lower ACP Plot at 2496 MHz (Band 41 PC2- 15.0MHz QPSK - Full RB Configuration)

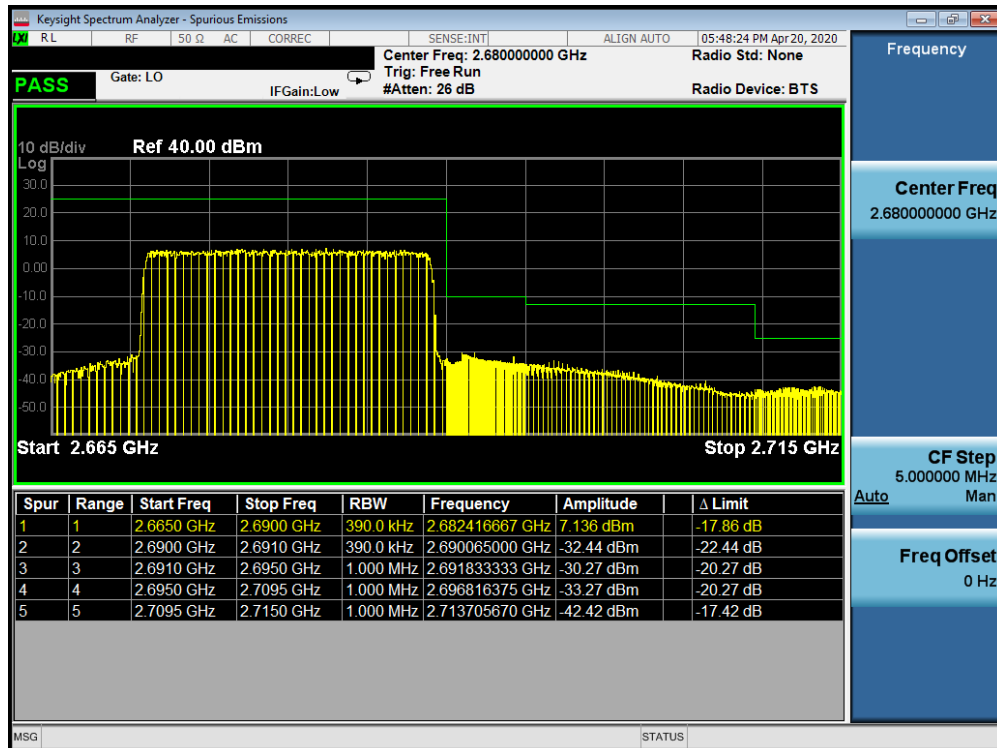


Plot 7-583. Upper ACP Plot (Band 41 PC2- 15.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 321 of 494



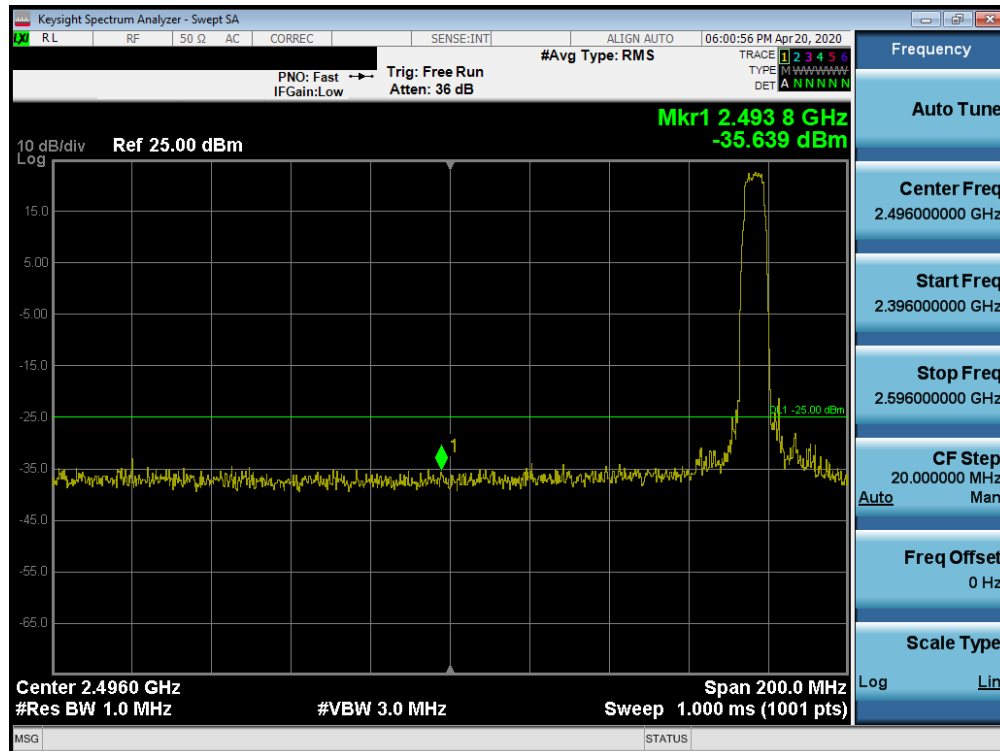
Plot 7-584. Lower ACP Plot at 2496 MHz (Band 41 PC2 - 20.0MHz QPSK - Full RB Configuration)



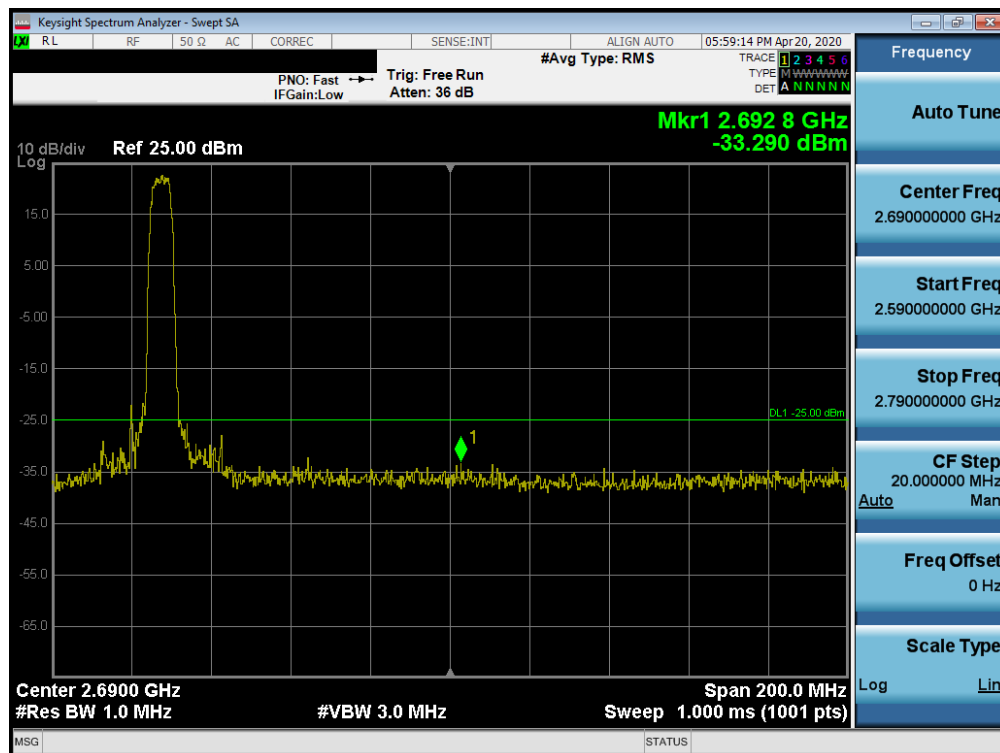
Plot 7-585. Upper ACP Plot (Band 41 PC2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 322 of 494

Band 38

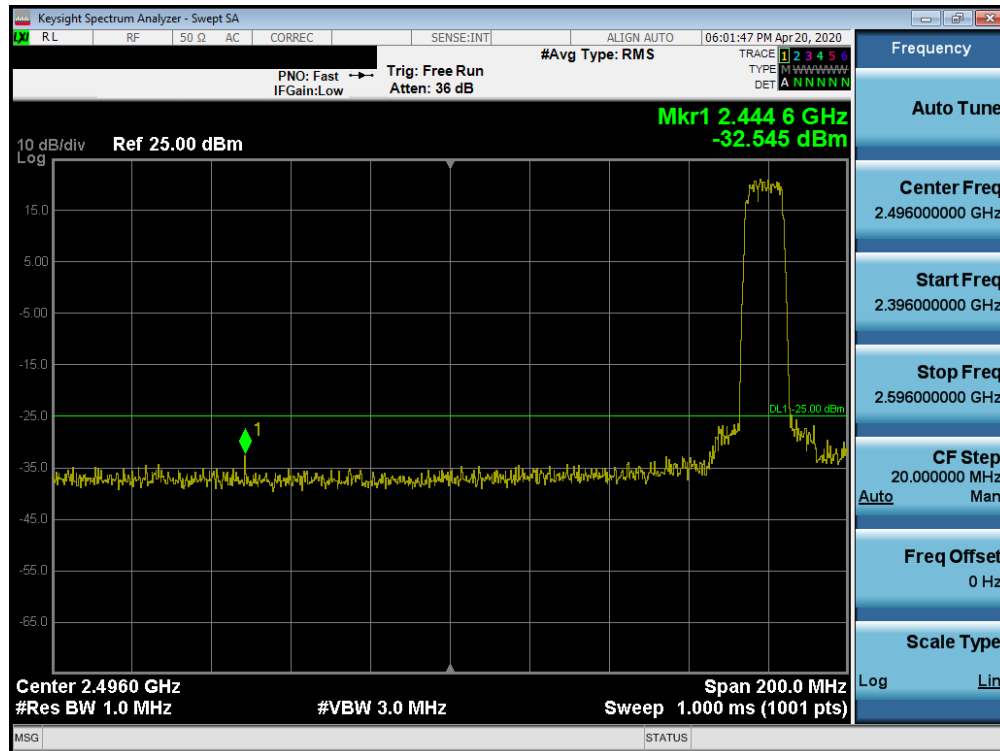


Plot 7-586. Lower Band Edge Plot (Band 38 - 5.0MHz QPSK - Full RB Configuration)

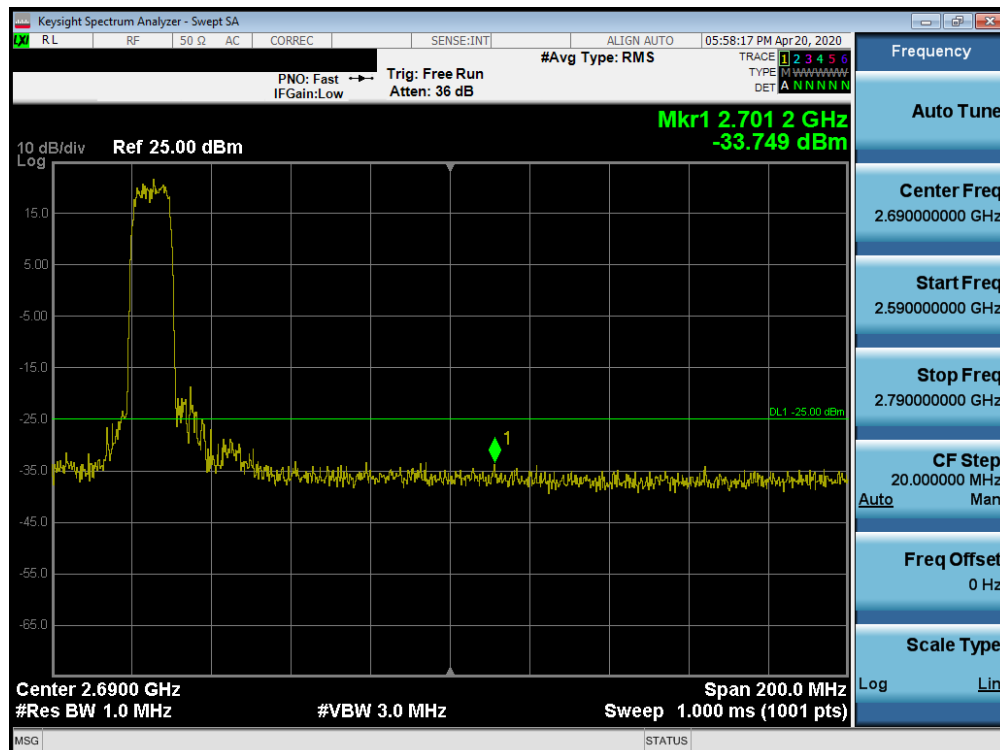


Plot 7-587. Upper Band Edge Plot (Band 38 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	 MEASUREMENT REPORT (CERTIFICATION) 		Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset	Page 323 of 494

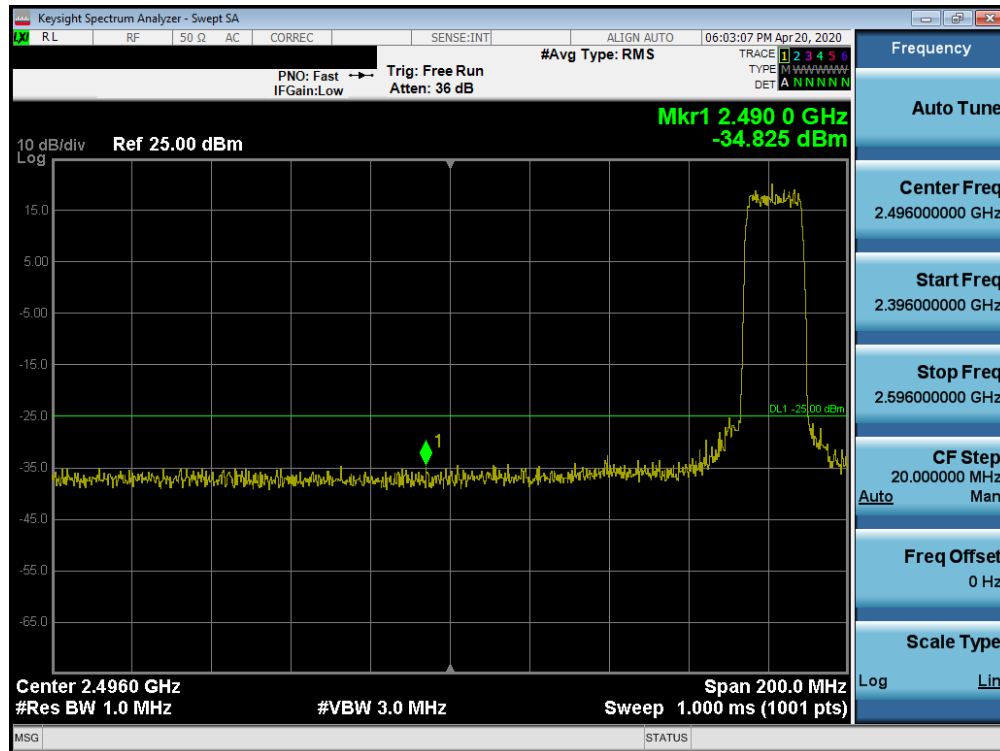


Plot 7-588. Lower Band Edge Plot (Band 38 - 10.0MHz QPSK - Full RB Configuration)

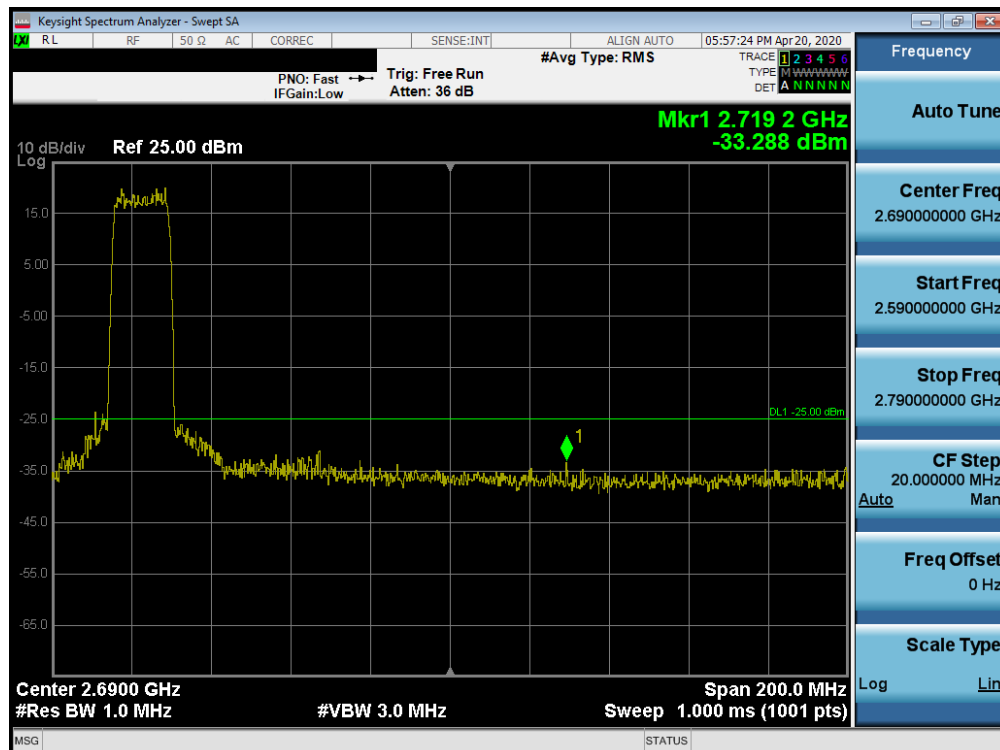


Plot 7-589. Upper Band Edge Plot (Band 38 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 324 of 494

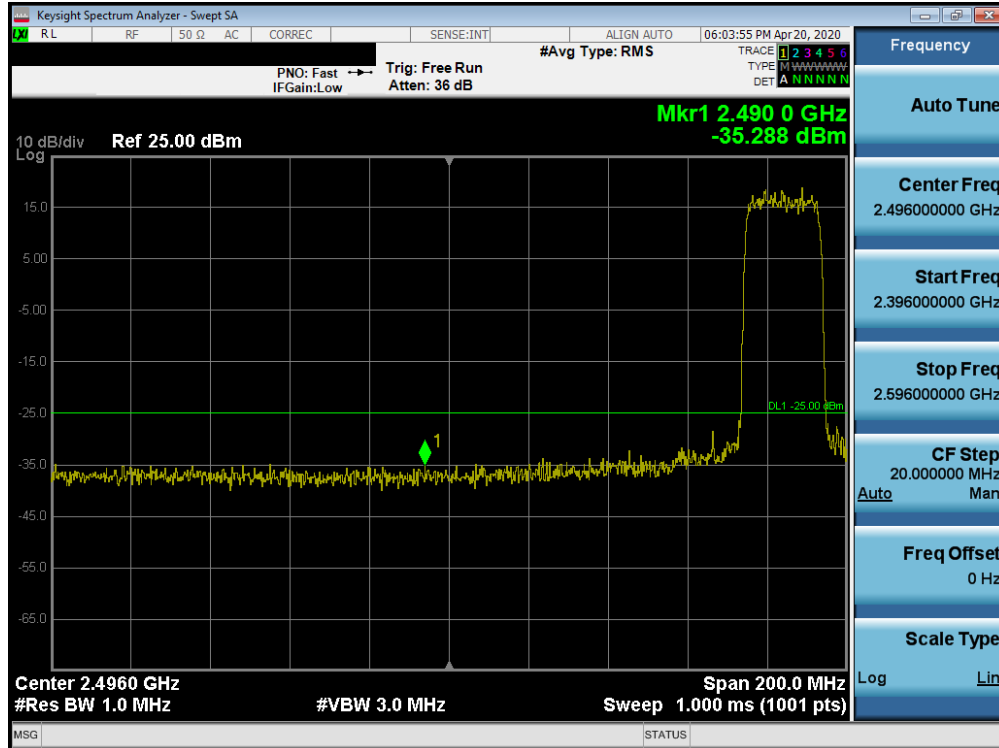


Plot 7-590. Lower Band Edge Plot (Band 38 - 15.0MHz QPSK - Full RB Configuration)

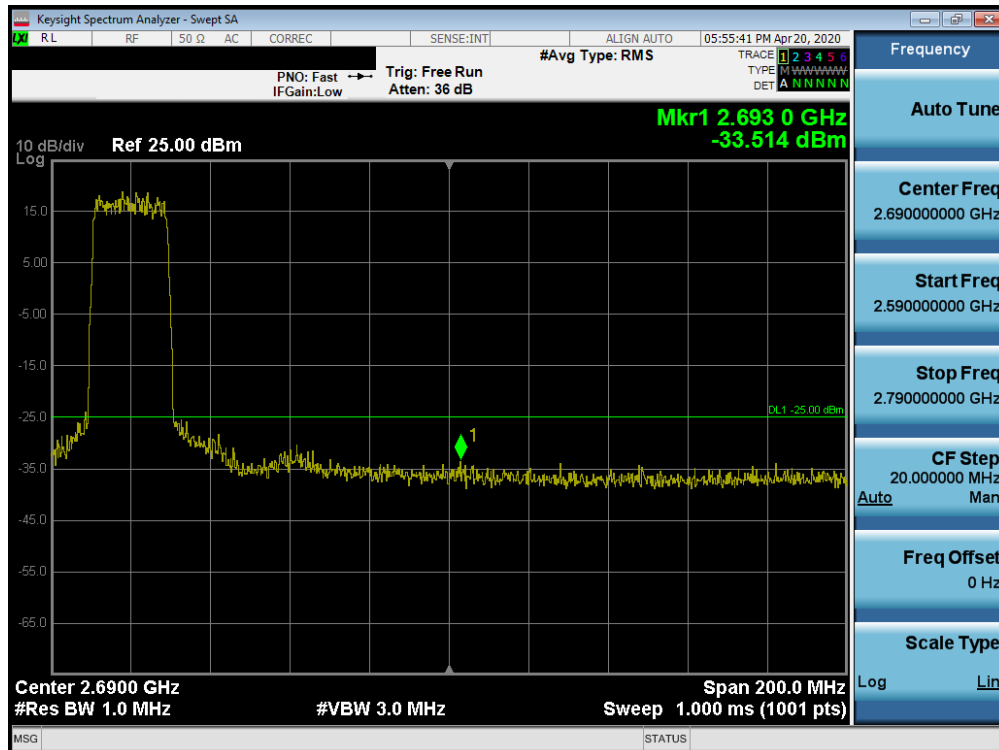


Plot 7-591. Upper Band Edge Plot (Band 38 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 325 of 494



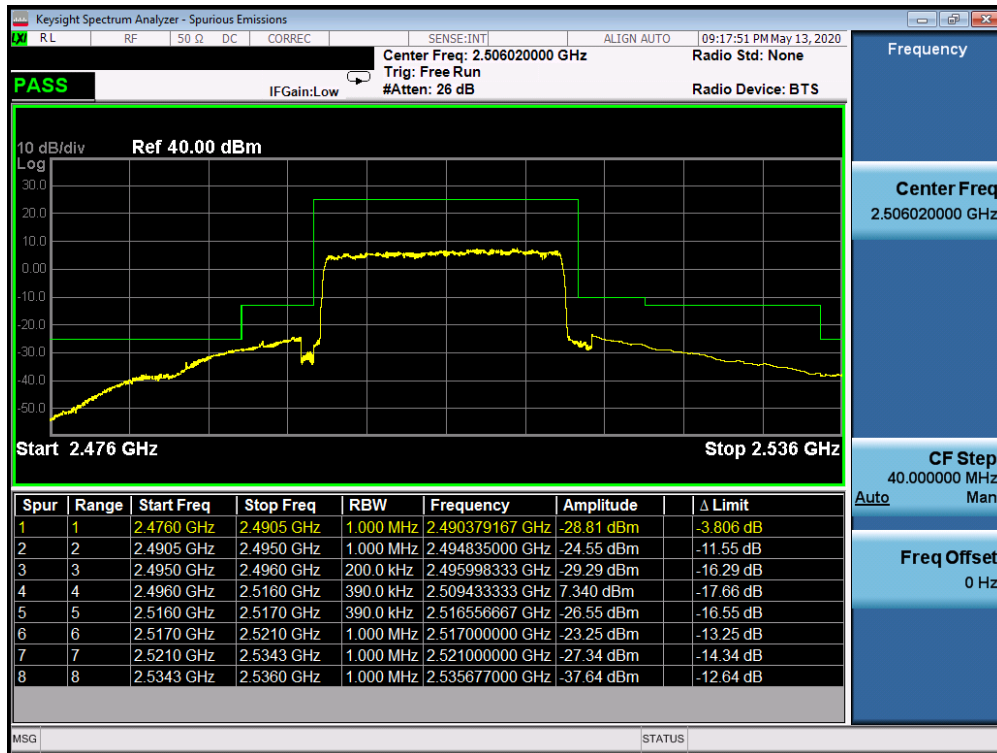
Plot 7-592. Lower Band Edge Plot (Band 38 - 20.0MHz QPSK - Full RB Configuration)



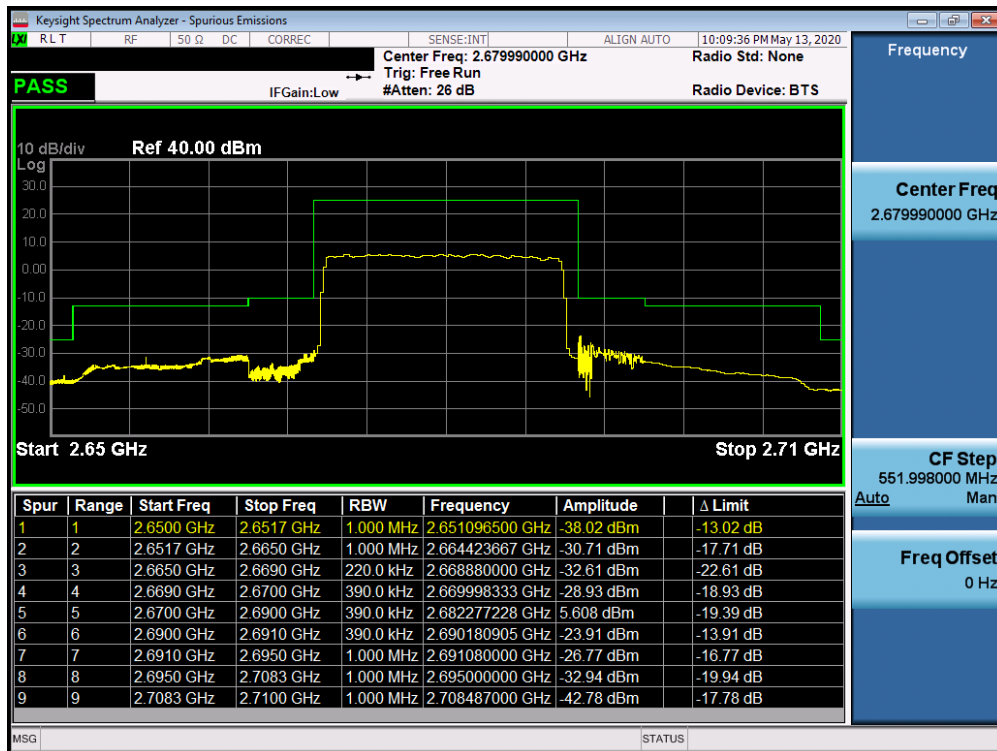
Plot 7-593. Upper Band Edge Plot (Band 38 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3-A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 326 of 494

NR Band n41



Plot 7-594. Lower ACP Plot at 2496 MHz (n41 - 20.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-595. Upper ACP Plot (Band 41 - 20.0MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN986U	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 1M2004170065-03-R3.A3L	Test Dates: 4/17 - 6/22/2020	EUT Type: Portable Handset		Page 327 of 494