

NR Band n71

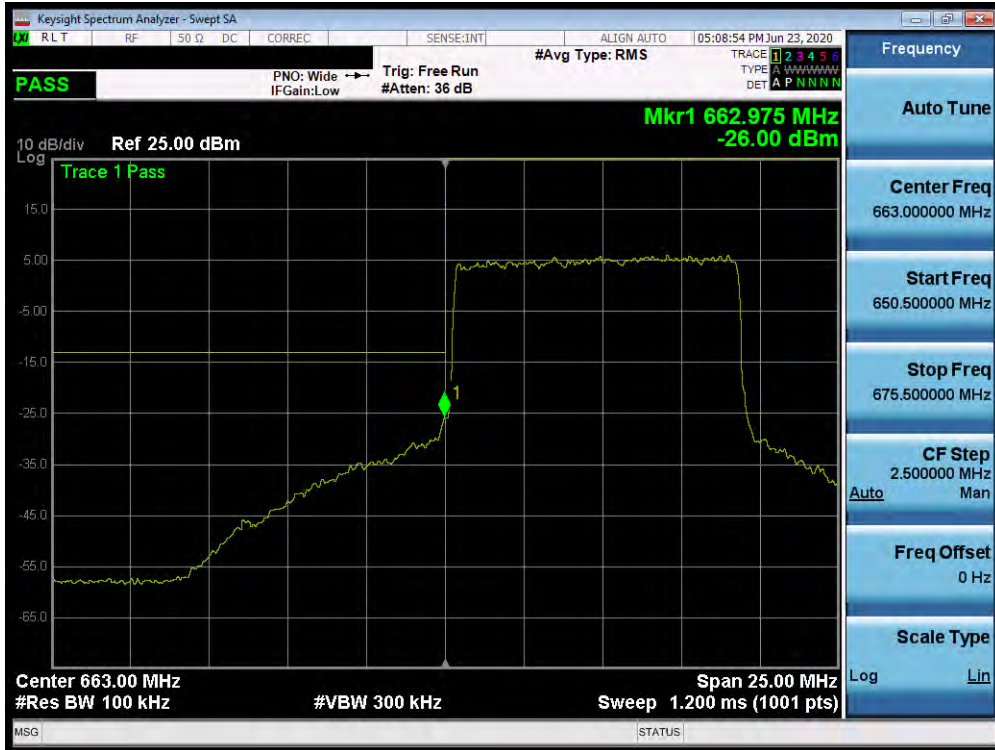


Plot 7-416. Lower Band Edge Plot (n71 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-417. Upper Band Edge Plot (n71 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 238 of 485

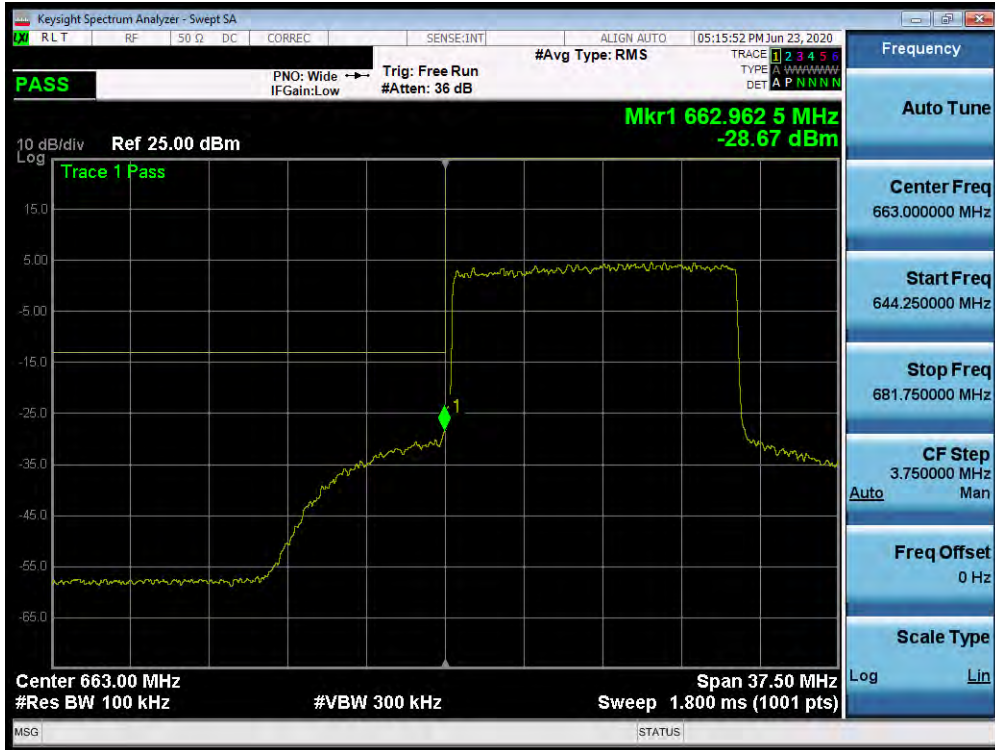


Plot 7-418. Lower Band Edge Plot (n71 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-419. Upper Band Edge Plot (n71 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 239 of 485

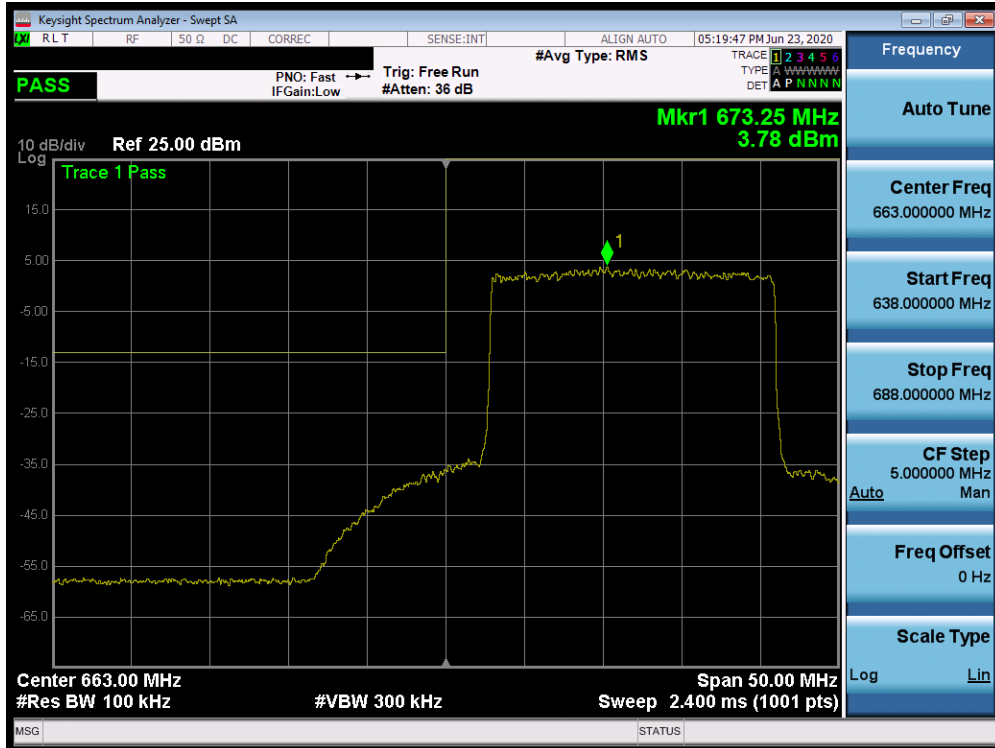


Plot 7-420. Lower Band Edge Plot (n71 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

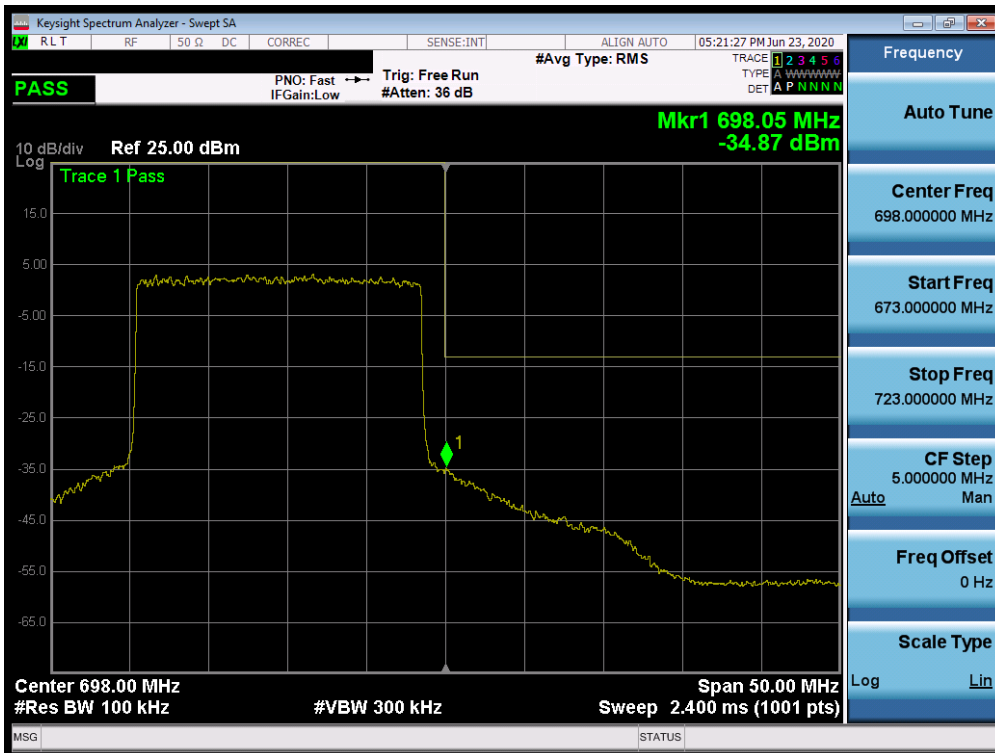


Plot 7-421. Upper Band Edge Plot (n71 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 240 of 485



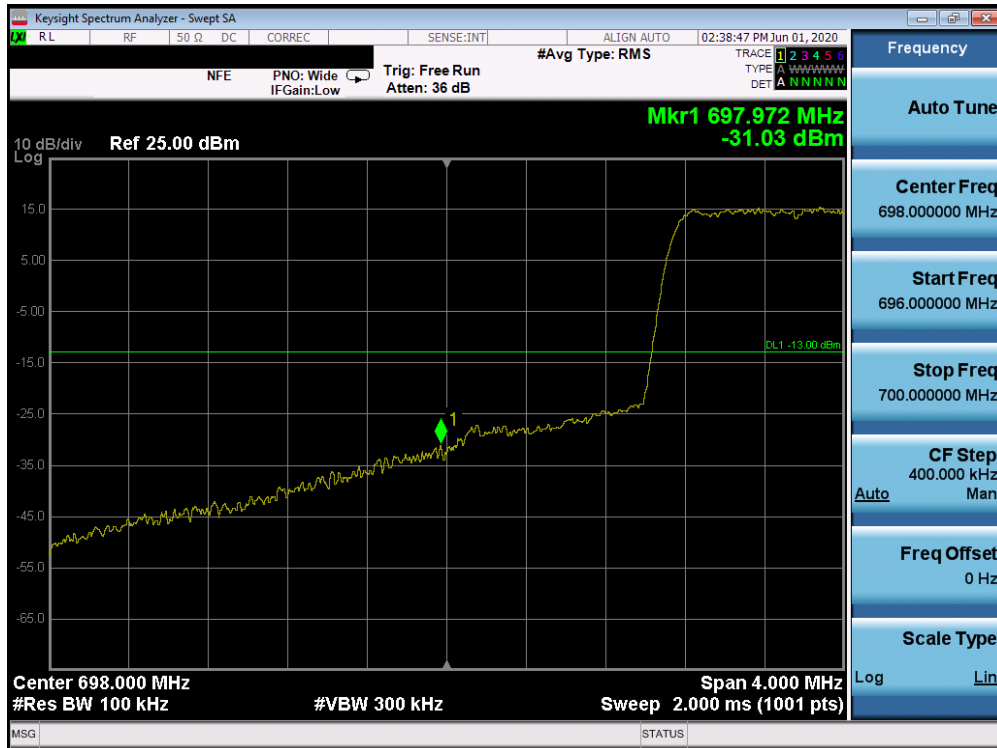
Plot 7-422. Lower Band Edge Plot (n71 - 20MHz DFT-s -OFDM-QPSK - Full RB Configuration)



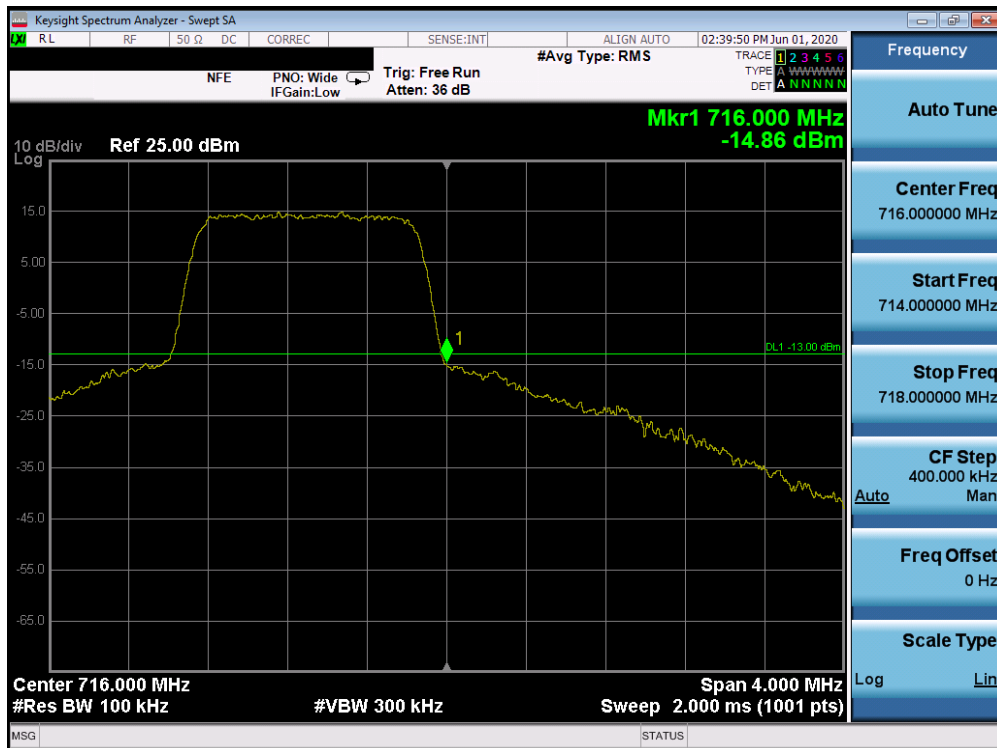
Plot 7-423. Upper Band Edge Plot (n71 - 20MHz DFT-s -OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 241 of 485

**Band 12**

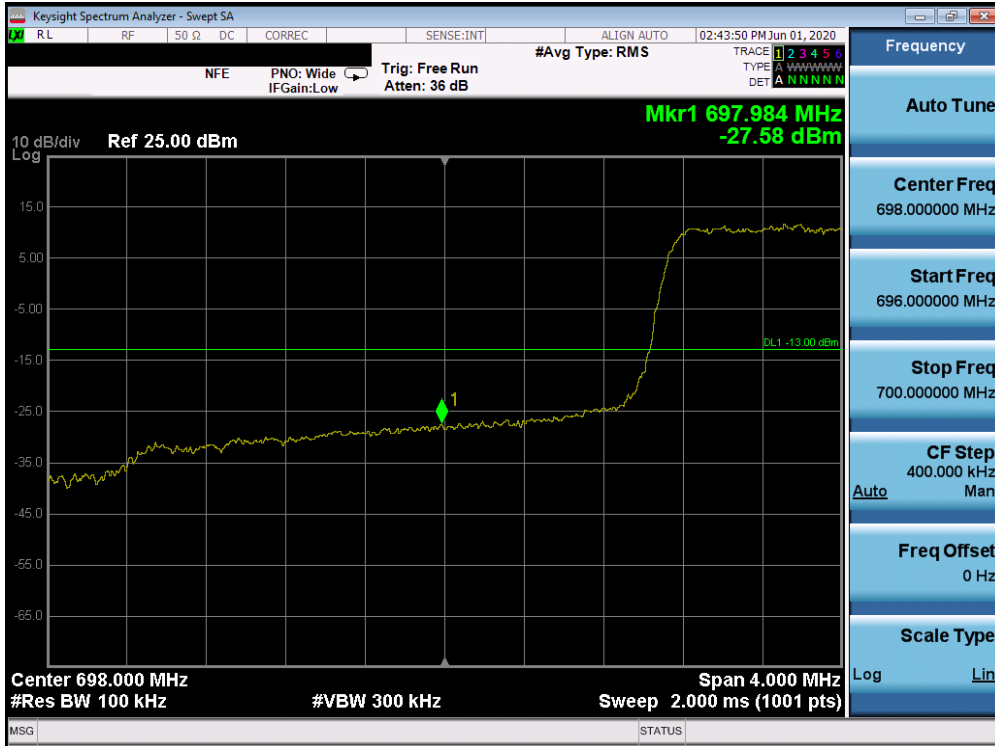


**Plot 7-424. Lower Band Edge Plot (Band 12 - 1.4MHz QPSK - Full RB Configuration)**

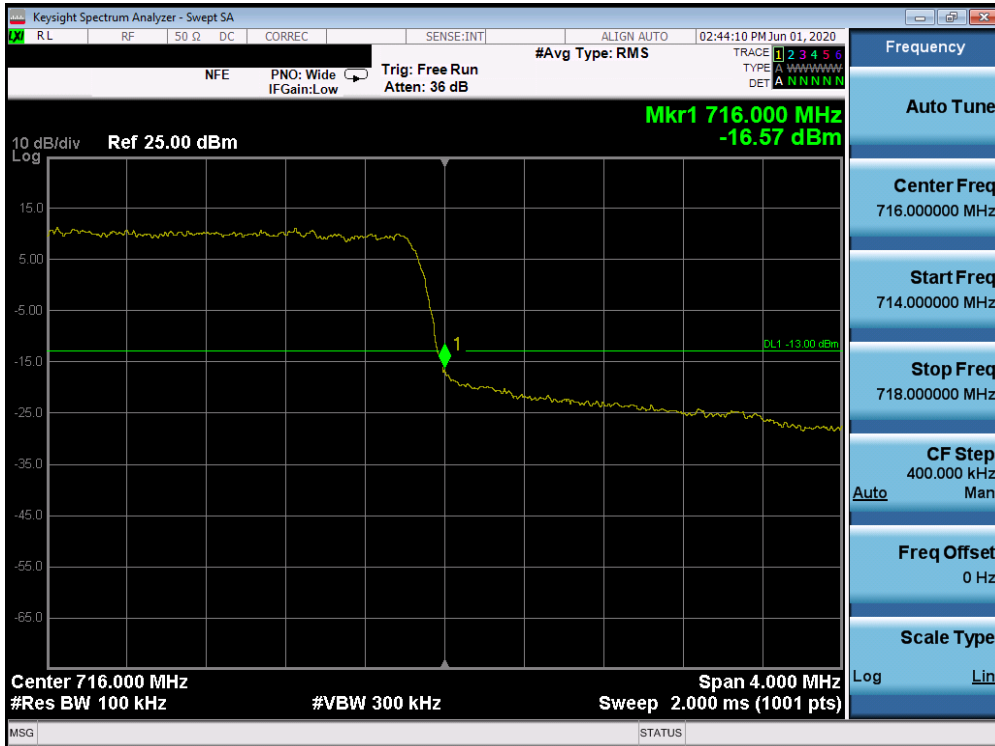


**Plot 7-425. Upper Band Edge Plot (Band 12 - 1.4MHz QPSK - Full RB Configuration)**

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 242 of 485

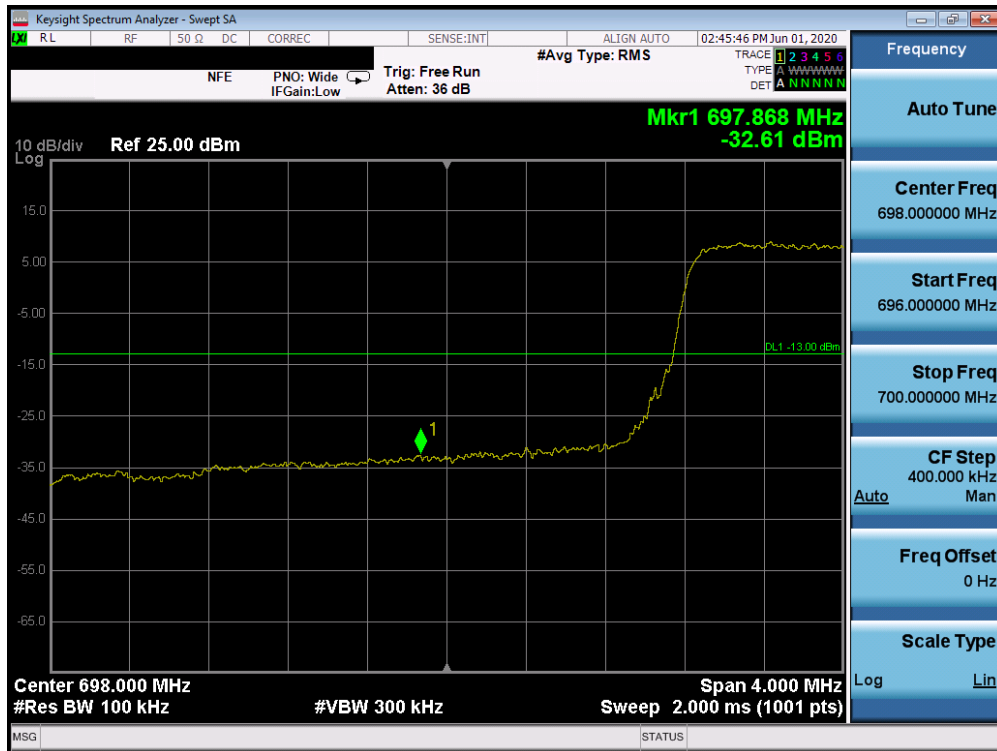


Plot 7-426. Lower Band Edge Plot (Band 12 - 3.0MHz QPSK - Full RB Configuration)



Plot 7-427. Upper Band Edge Plot (Band 12 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 243 of 485

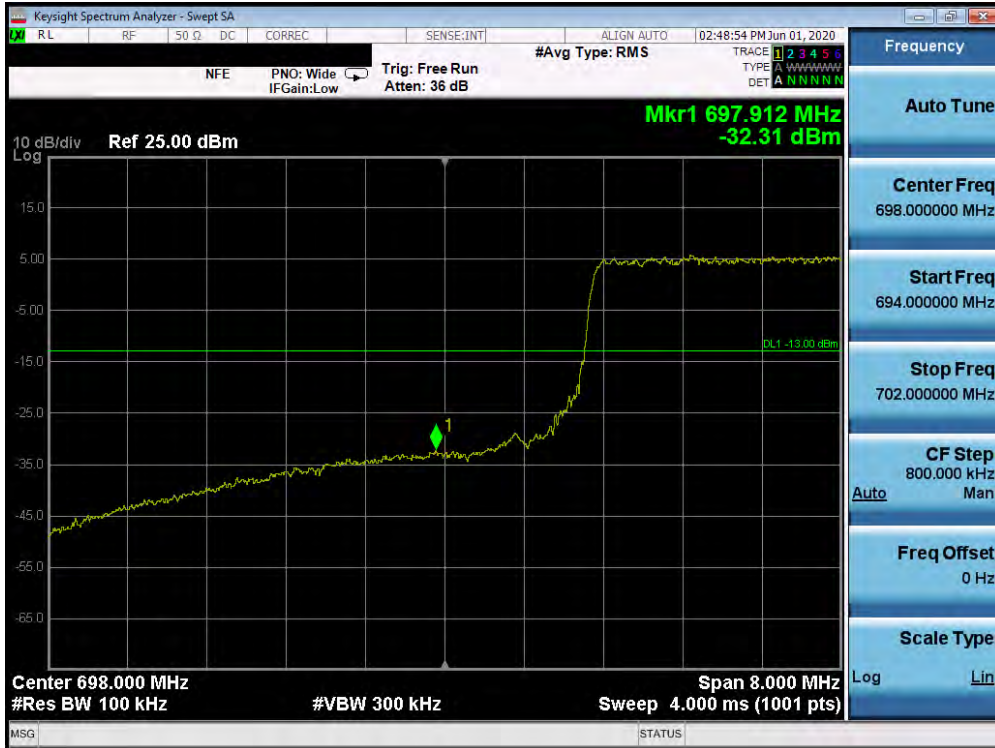


Plot 7-428. Lower Band Edge Plot (Band 12 - 5.0MHz QPSK - Full RB Configuration)

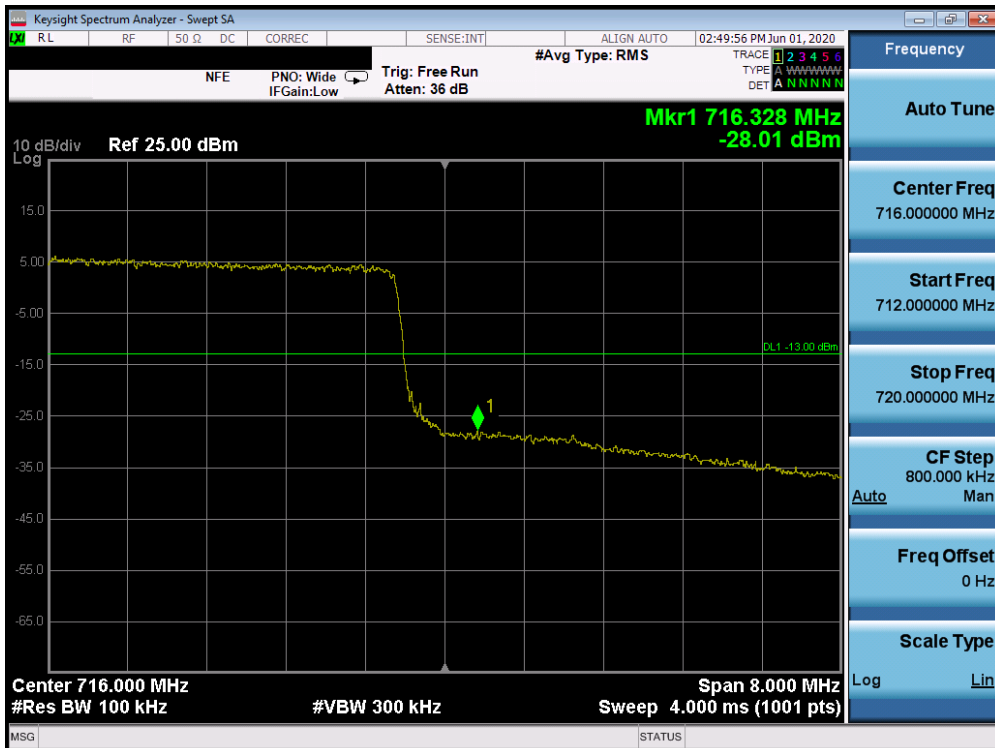


Plot 7-429. Upper Band Edge Plot (Band 12 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 244 of 485



Plot 7-430. Lower Band Edge Plot (Band 12 - 10.0MHz QPSK - Full RB Configuration)

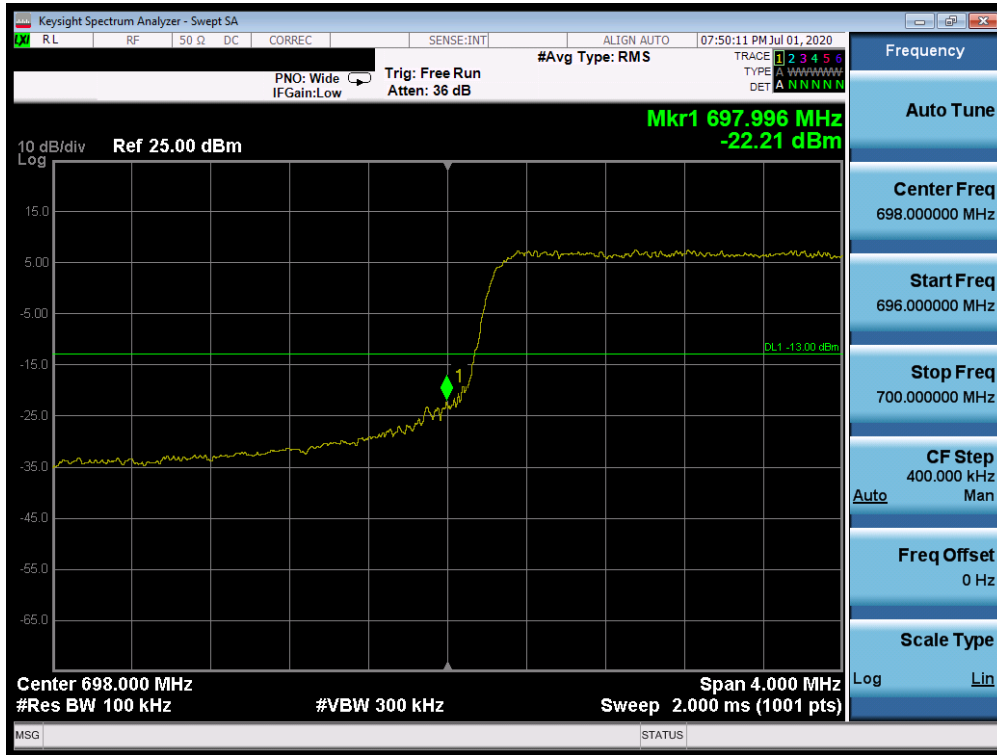


Plot 7-431. Upper Band Edge Plot (Band 12 - 10.0MHz QPSK - Full RB Configuration)

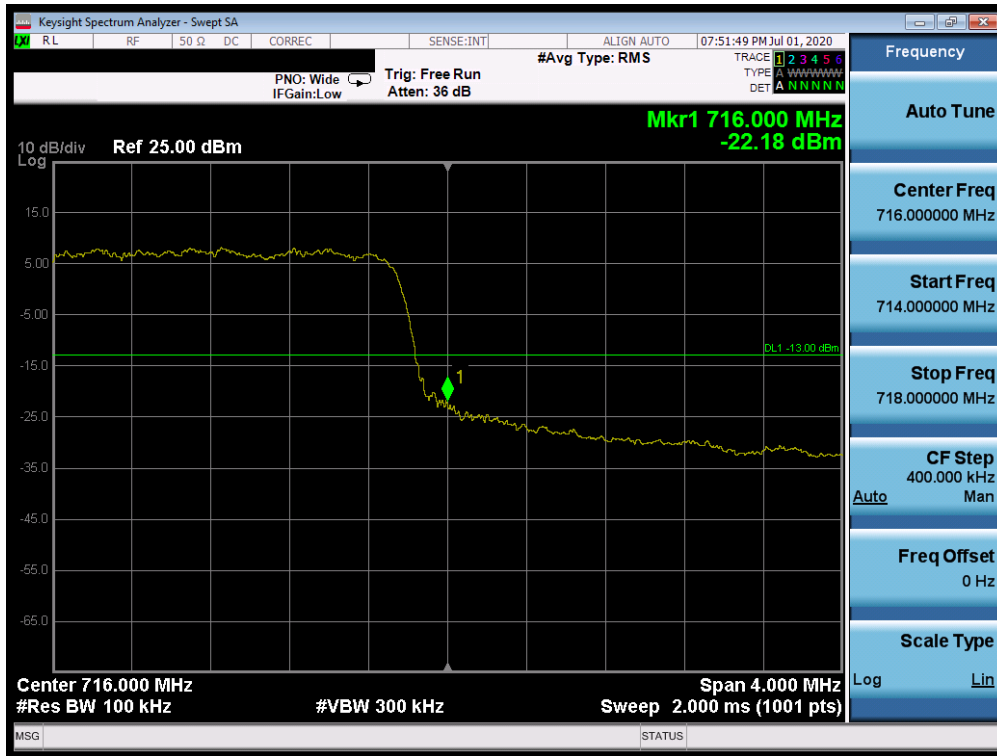
FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 245 of 485



**NR Band n12**

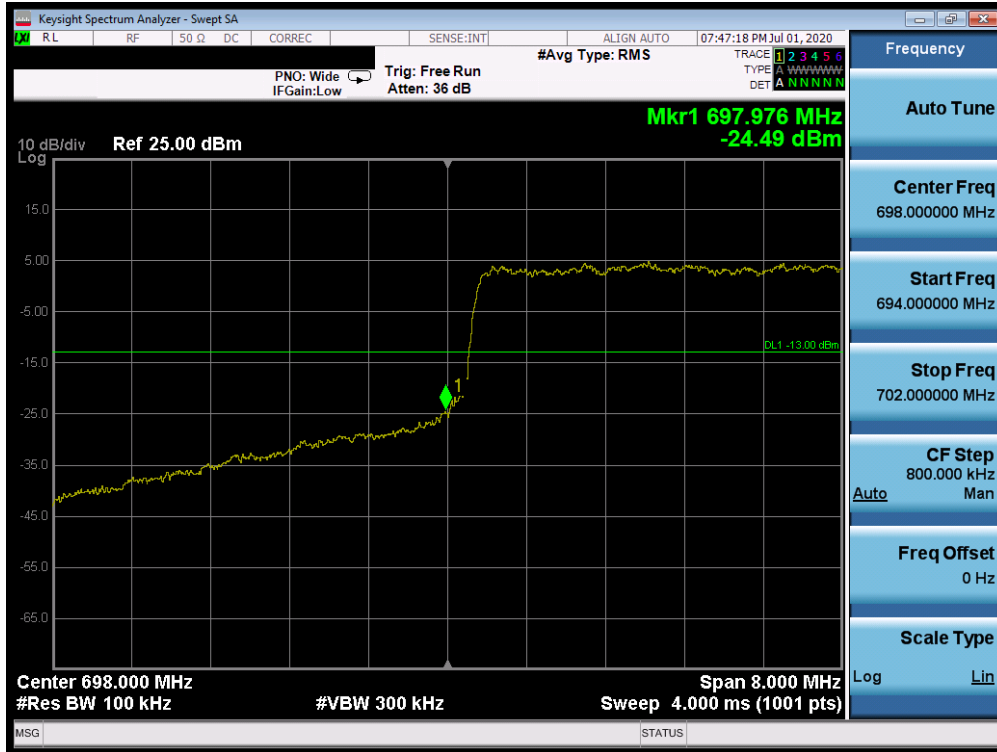


**Plot 7-432. Lower Band Edge Plot (n12 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)**



**Plot 7-433. Upper Band Edge Plot (n12 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)**

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 246 of 485

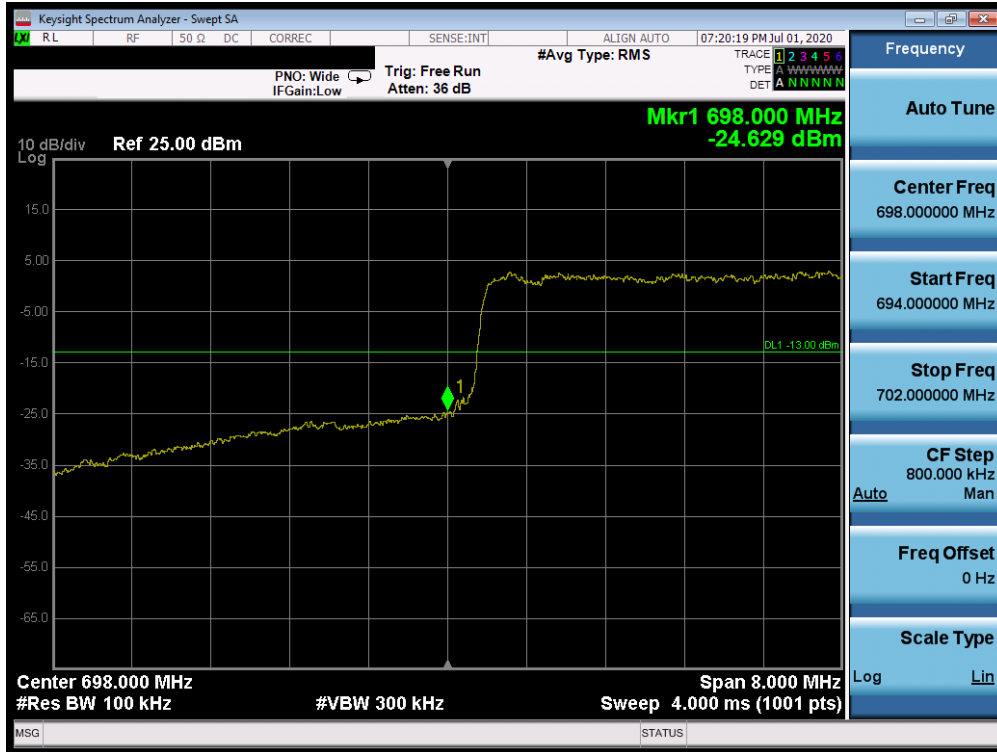


Plot 7-434. Lower Band Edge Plot (n12 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

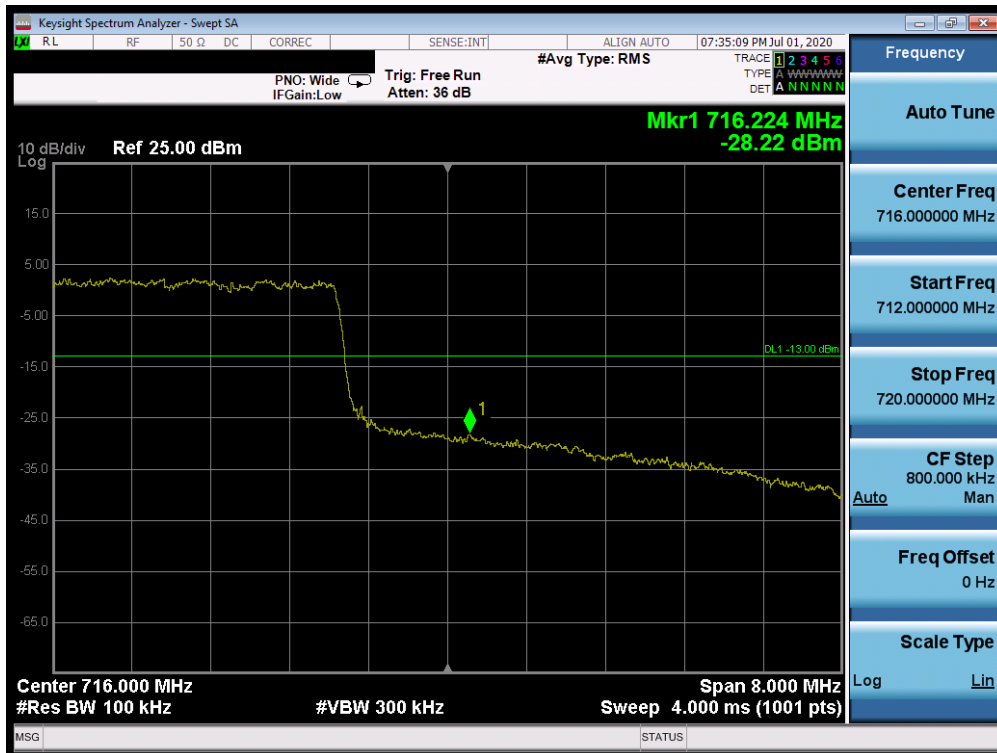


Plot 7-435. Upper Band Edge Plot (n12 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 247 of 485



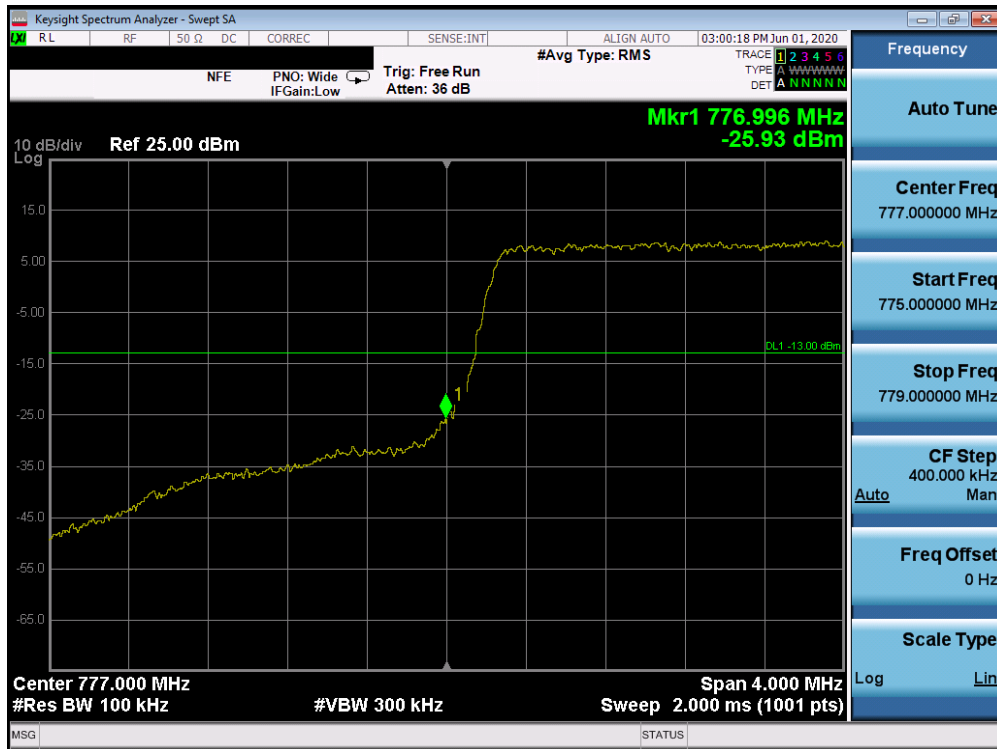
Plot 7-436. Lower Band Edge Plot (n12 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)



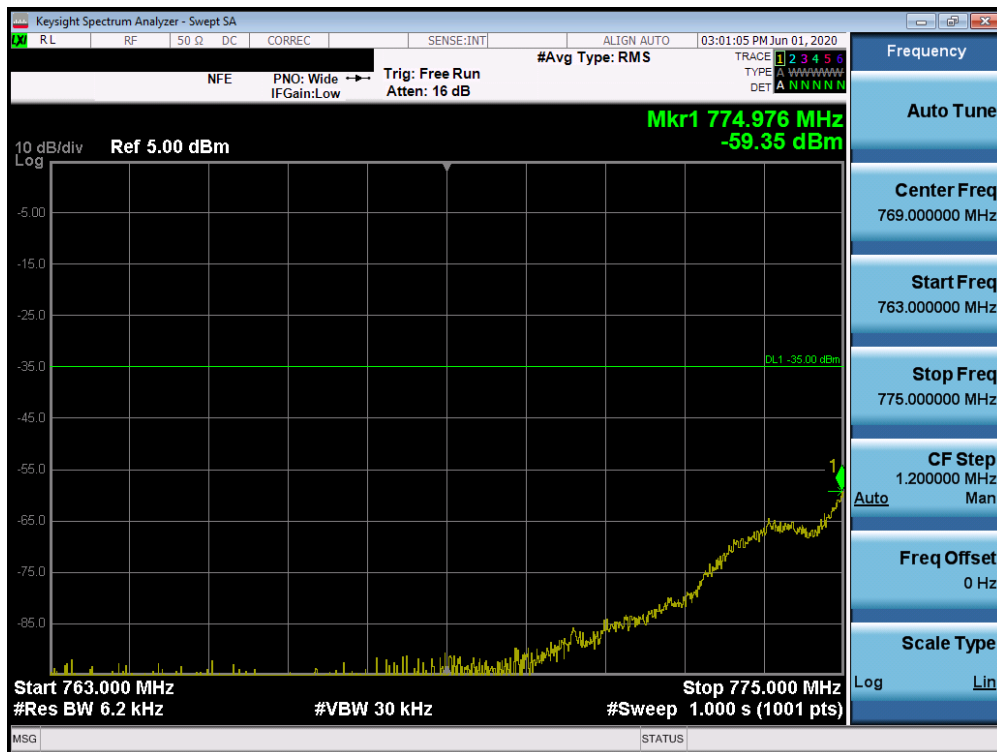
Plot 7-437. Upper Band Edge Plot (n12 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 248 of 485

**Band 13**

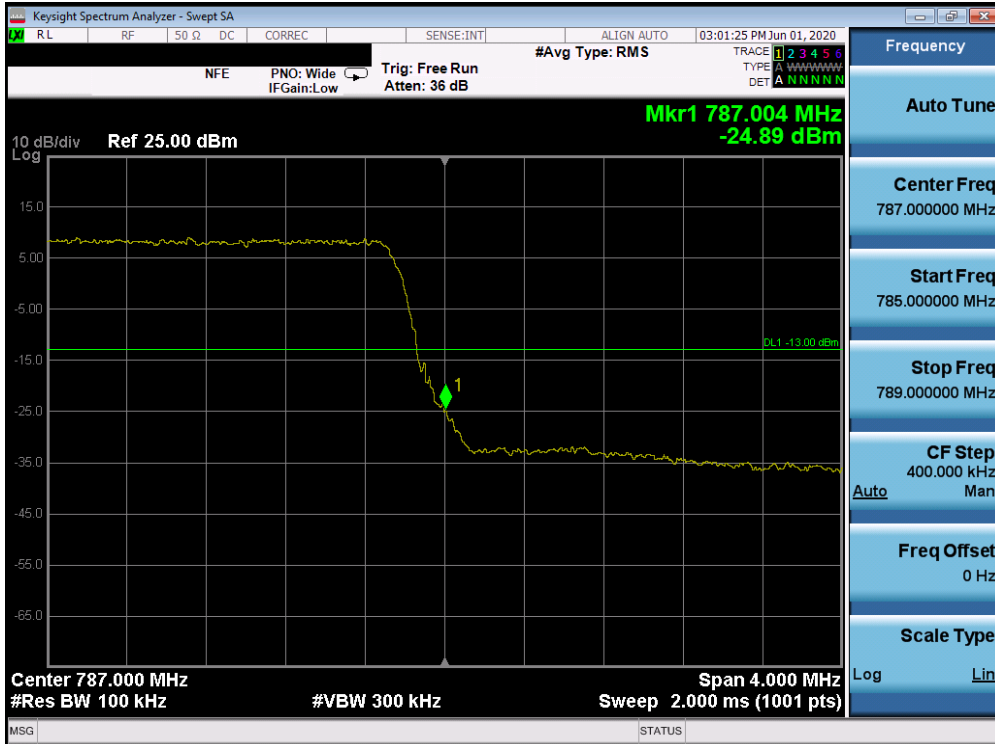


**Plot 7-438. Lower Band Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)**



**Plot 7-439. Lower Emission Mask Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)**

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 249 of 485

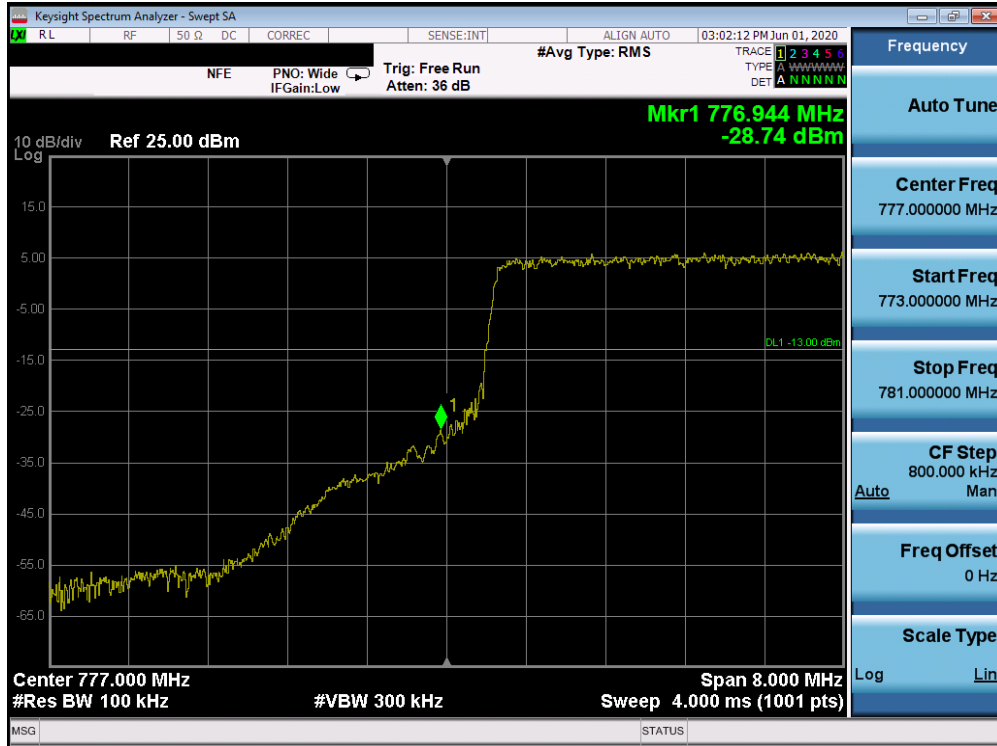


Plot 7-440. Upper Band Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)

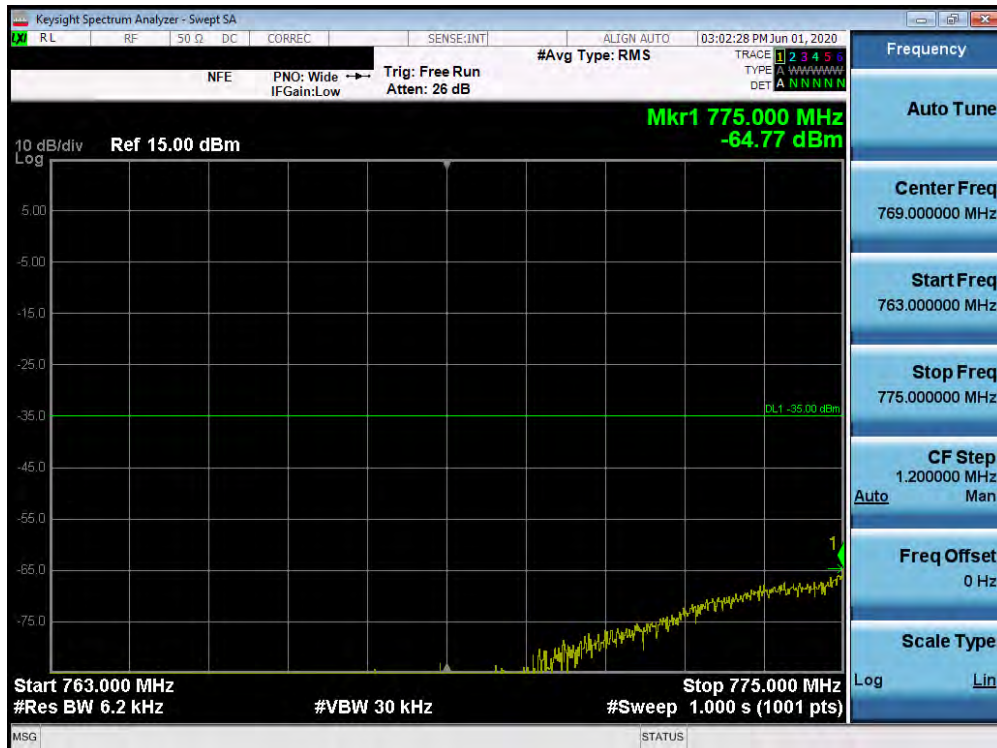


Plot 7-441. Upper Emission Mask Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 250 of 485

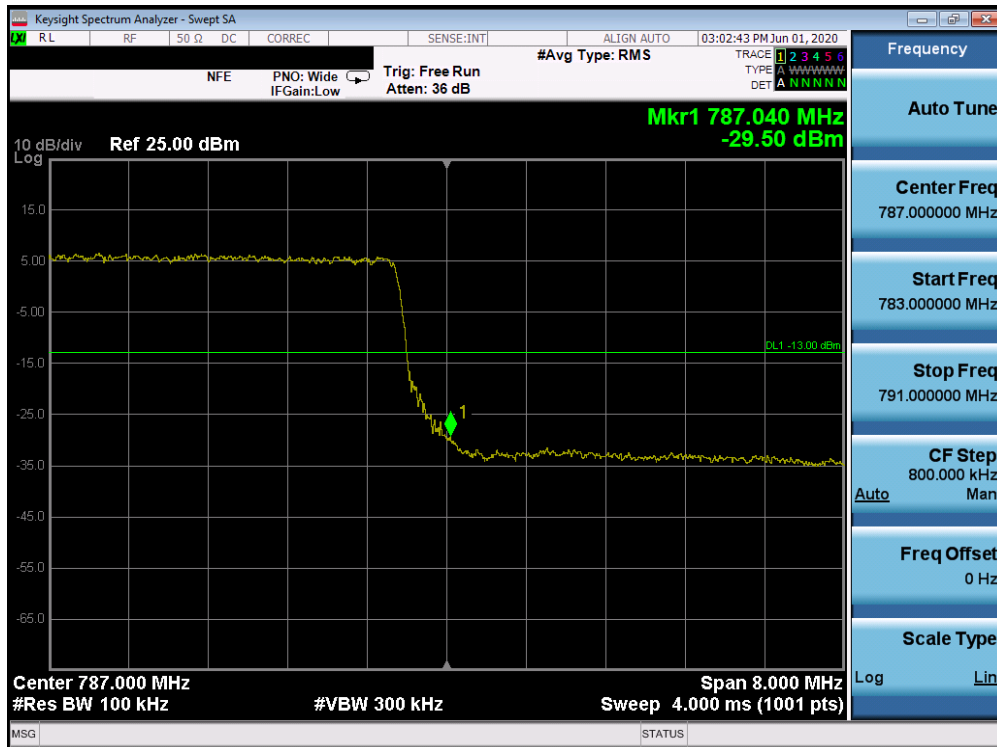


Plot 7-442. Lower Band Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-443. Lower Emission Mask Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 251 of 485



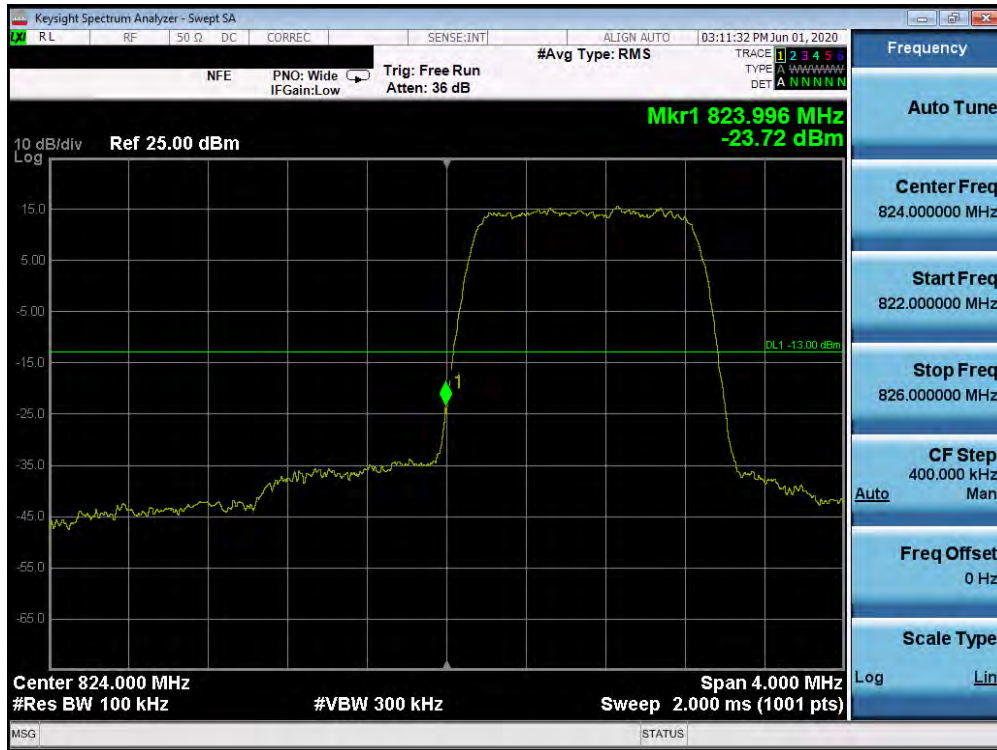
Plot 7-444. Upper Band Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)



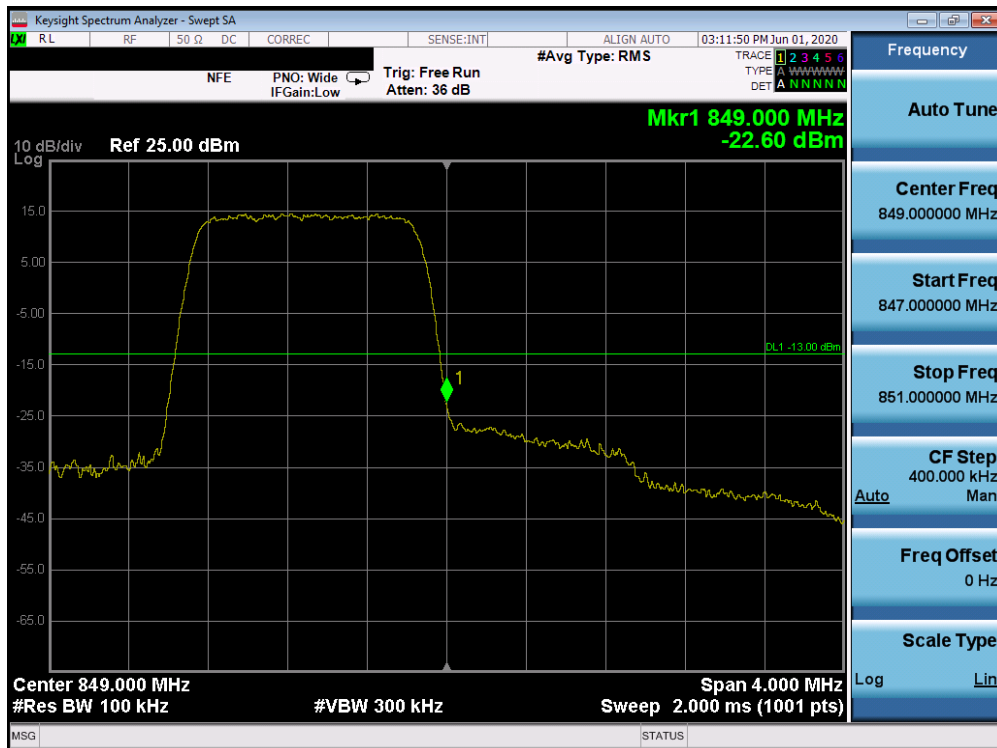
Plot 7-445. Upper Band Emission Mask Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 252 of 485

**Band 26/5**



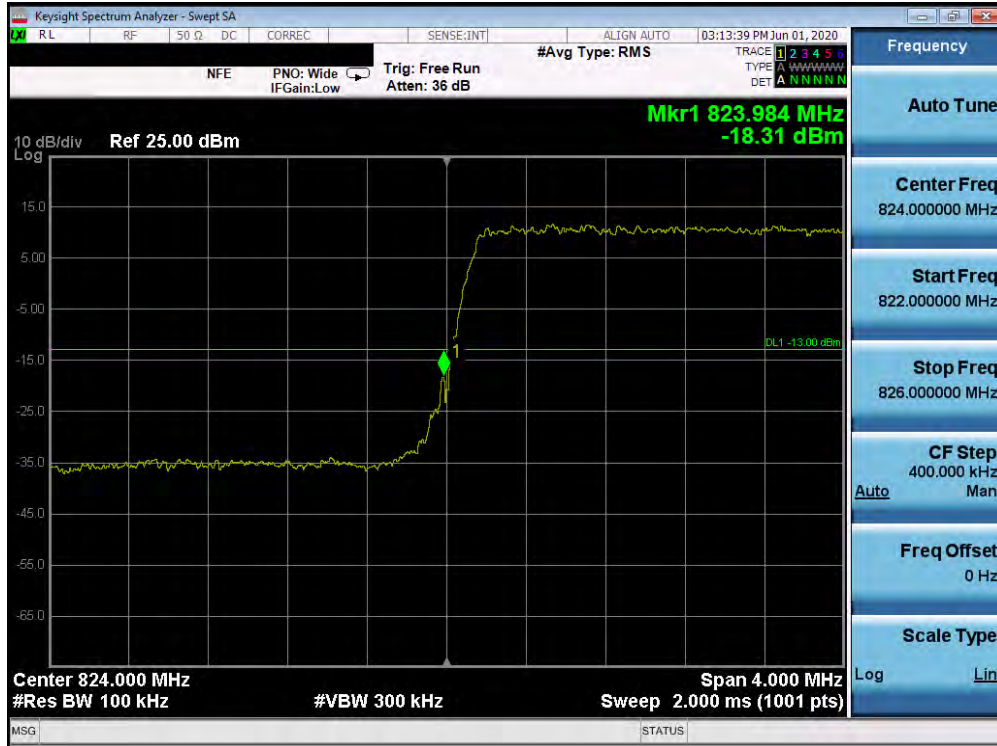
**Plot 7-446. Lower Band Edge Plot (Band 26/5 - 1.4MHz QPSK - Full RB Configuration)**



**Plot 7-447. Upper Band Edge Plot (Band 26/5 - 1.4MHz QPSK - Full RB Configuration)**

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 253 of 485



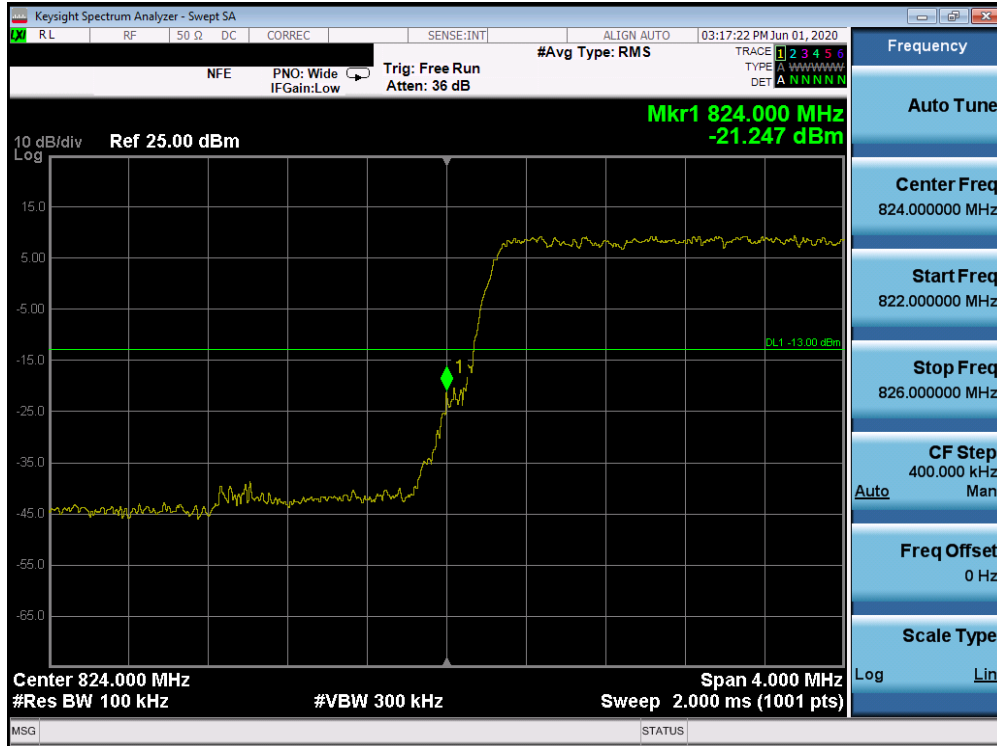


Plot 7-448. Lower Band Edge Plot (Band 26/5 - 3.0MHz QPSK - Full RB Configuration)

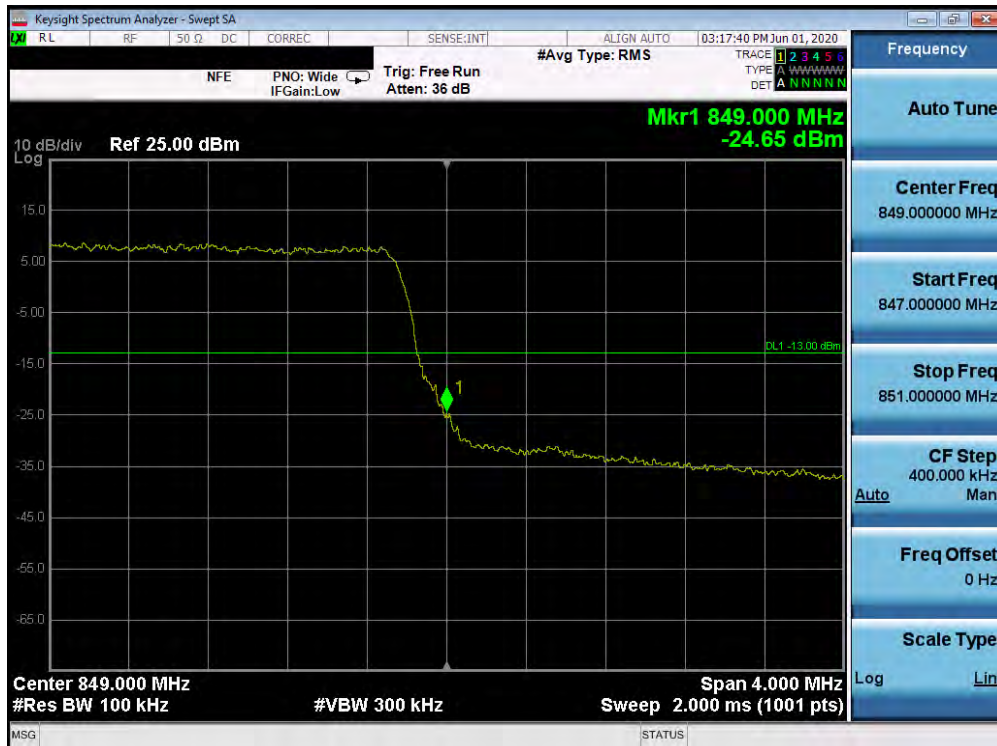


Plot 7-449. Upper Band Edge Plot (Band 26/5 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 254 of 485

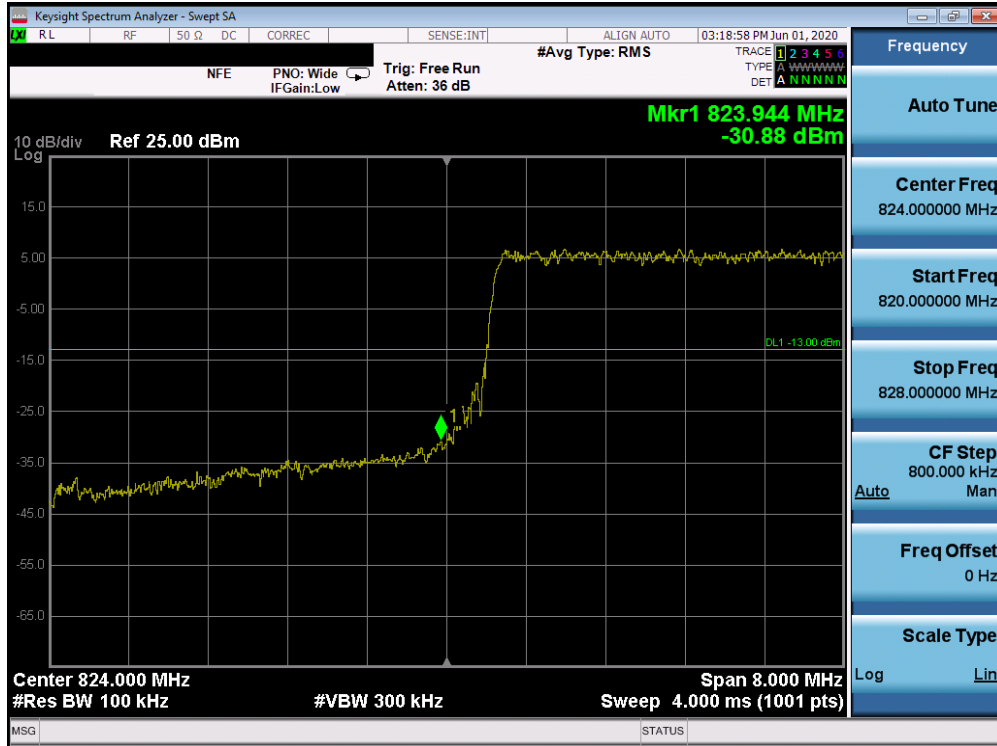


Plot 7-450. Lower Band Edge Plot (Band 26/5 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-451. Upper Band Edge Plot (Band 26/5 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 255 of 485

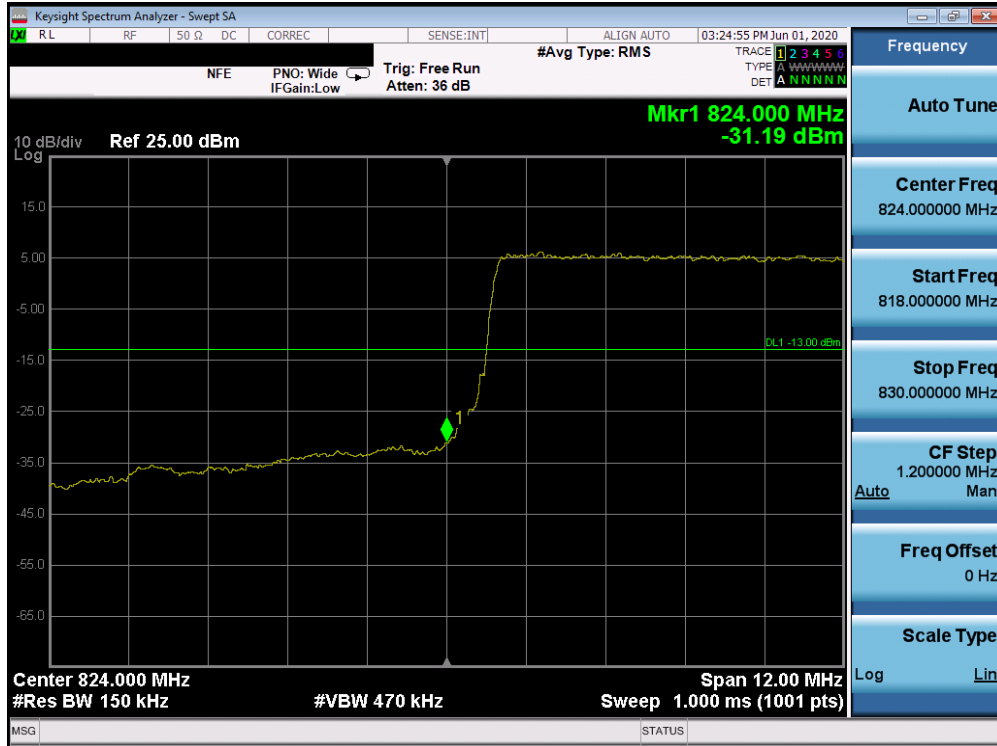


Plot 7-452. Lower Band Edge Plot (Band 26/5 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-453. Upper Band Edge Plot (Band 26/5 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 256 of 485



Plot 7-454. Lower Band Edge Plot (Band 26 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-455. Upper Band Edge Plot (Band 26 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 257 of 485

### NR Band n5

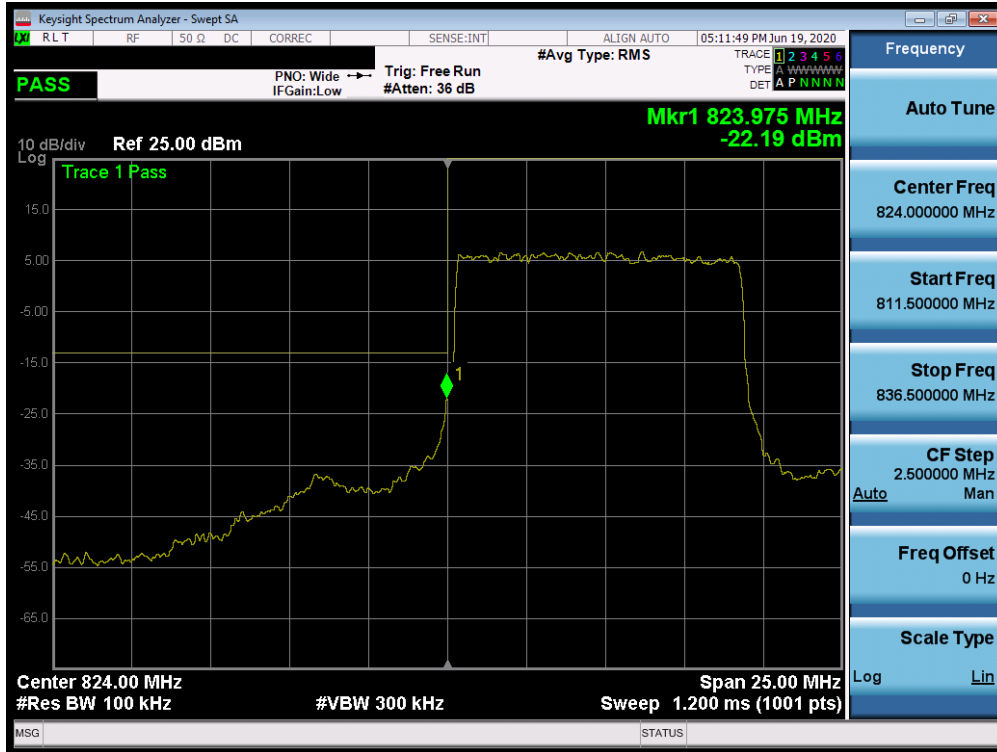


Plot 7-456. Lower Band Edge Plot (n5 – 5.0MHz DFT-s-OFDM BPSK - Full RB Configuration)

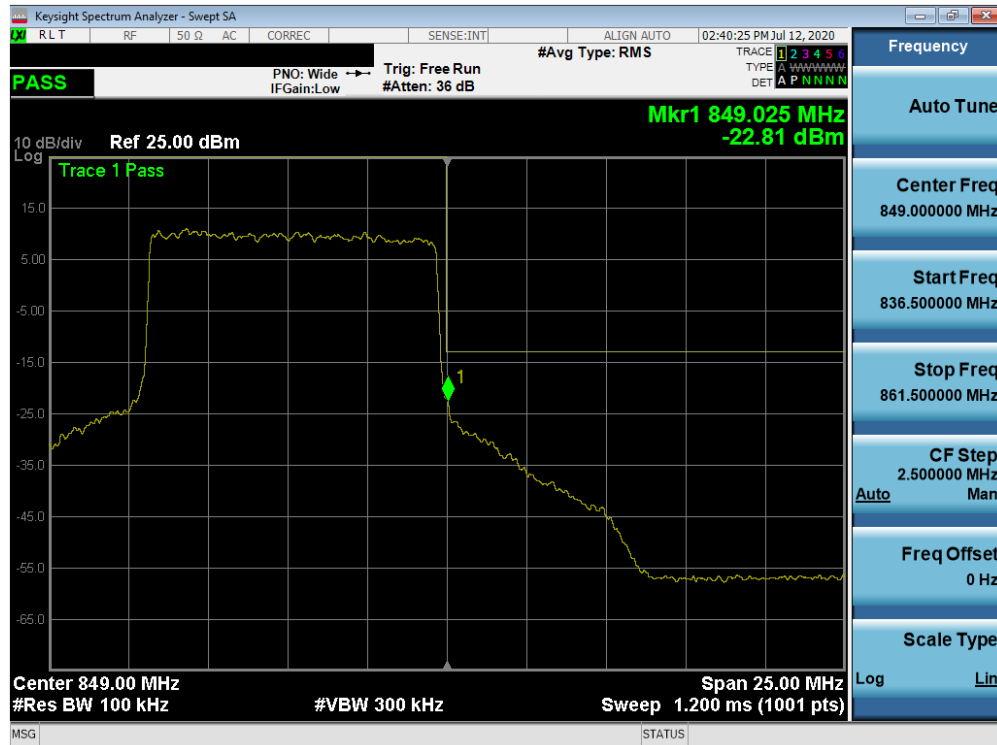


Plot 7-457. Upper Band Edge Plot (n5 – 5.0MHz DFT-s-OFDM BPSK - Full RB Configuration)

FCC ID: A3LSMN981U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 – 7/15/2020	EUT Type: Portable Handset		Page 258 of 485



Plot 7-458. Lower Band Edge Plot (n5 – 10.0MHz DFT-s-OFDM BPSK - Full RB Configuration)

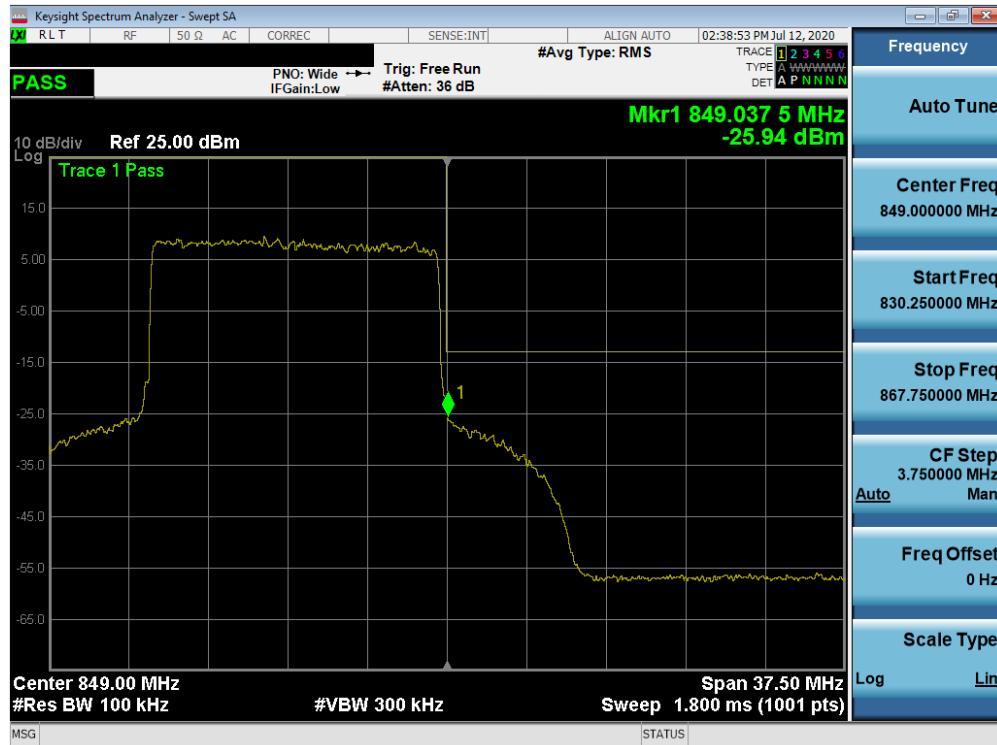


Plot 7-459. Upper Band Edge Plot (n5 – 10.0MHz DFT-s-OFDM BPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 – 7/15/2020	EUT Type: Portable Handset		Page 259 of 485



Plot 7-460. Lower Band Edge Plot (n5 – 15.0MHz DFT-s-OFDM BPSK - Full RB Configuration)

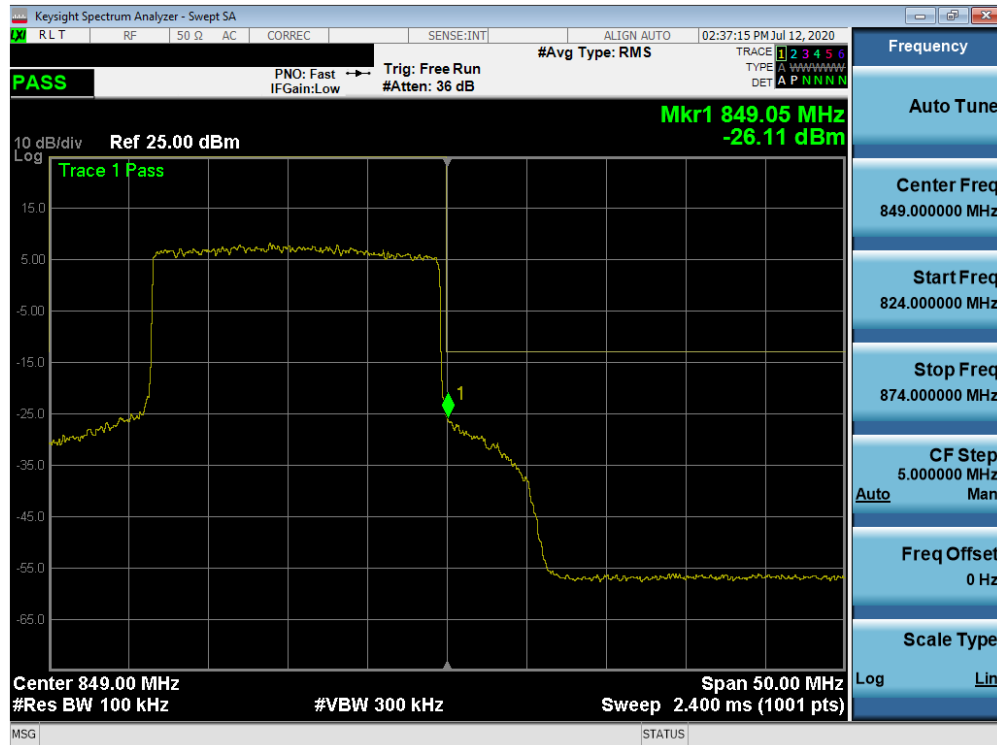


Plot 7-461. Upper Band Edge Plot (n5 – 15.0MHz DFT-s-OFDM BPSK - Full RB Configuration)

FCC ID: A3LSMN981U	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 – 7/15/2020	EUT Type: Portable Handset	Page 260 of 485



Plot 7-462. Lower Band Edge Plot (n5 – 20.0MHz DFT-s-OFDM BPSK - Full RB Configuration)

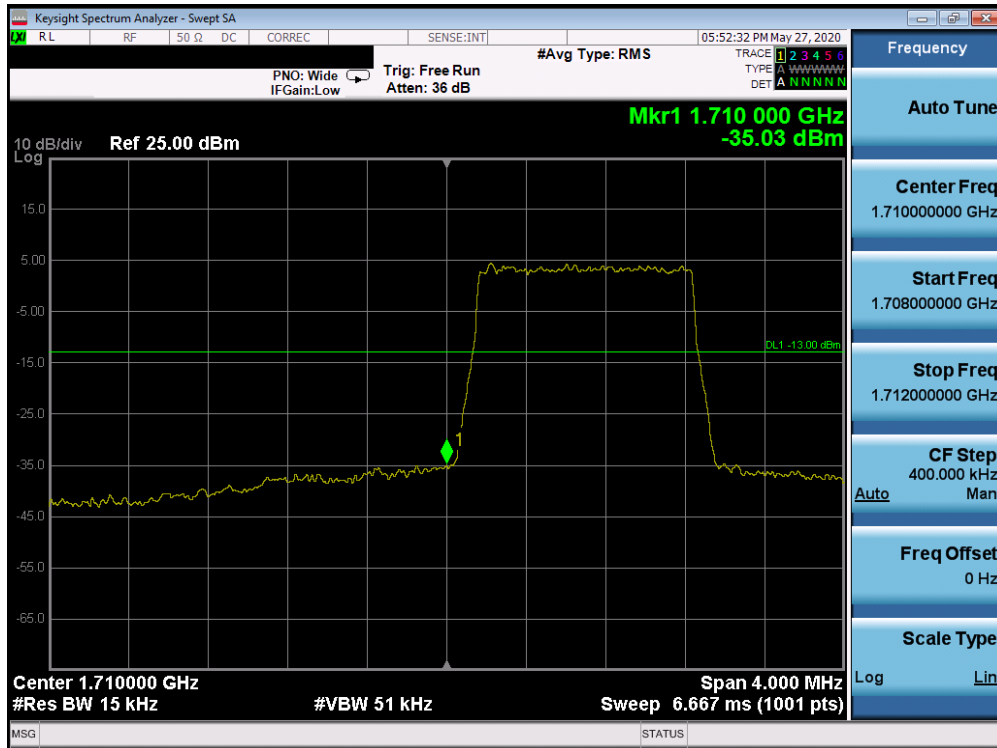


Plot 7-463. Upper Band Edge Plot (n5 – 20.0MHz DFT-s-OFDM BPSK - Full RB Configuration)

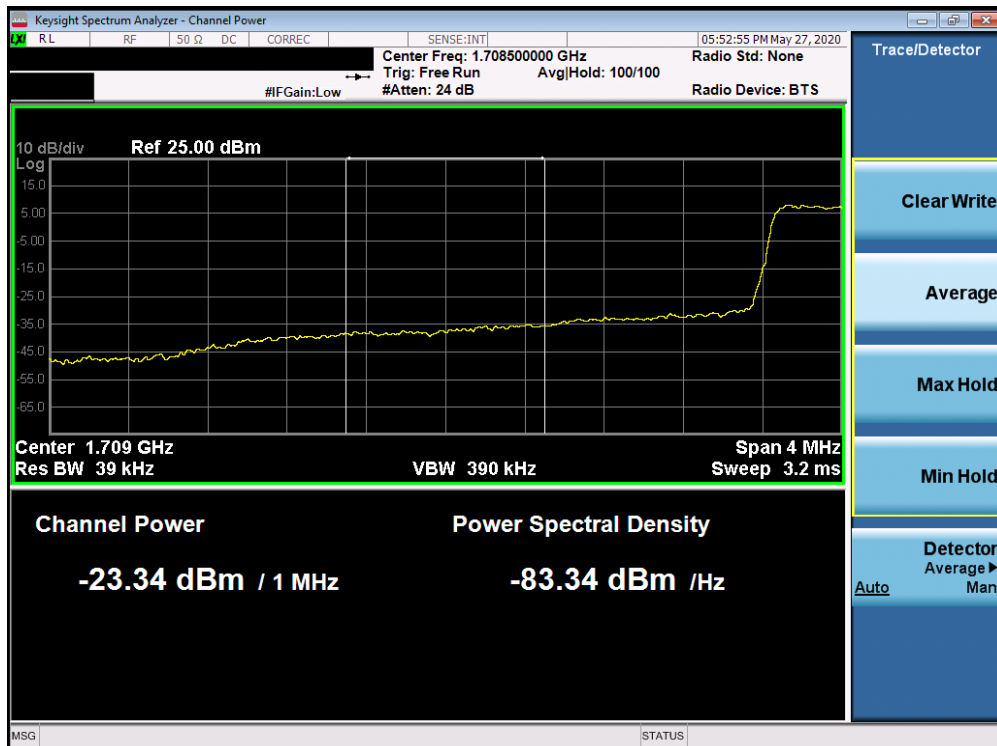
FCC ID: A3LSMN981U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 – 7/15/2020	EUT Type: Portable Handset		Page 261 of 485



**Band 66/4**

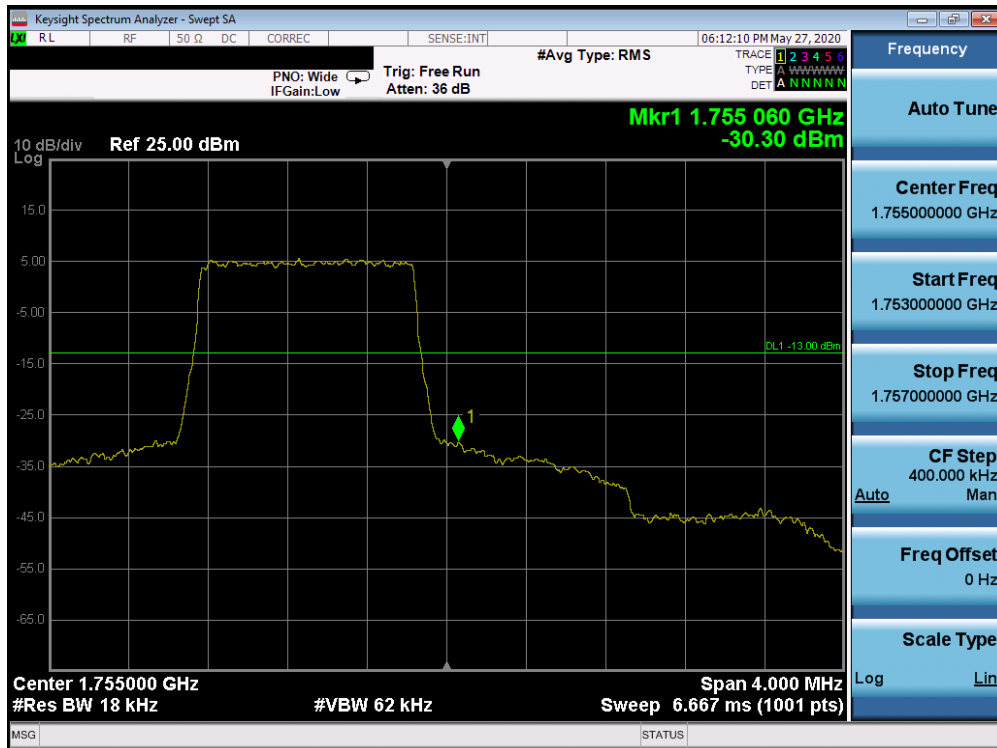


**Plot 7-464. Lower Band Edge Plot (Band 66/4 - 1.4MHz QPSK - Full RB Configuration)**

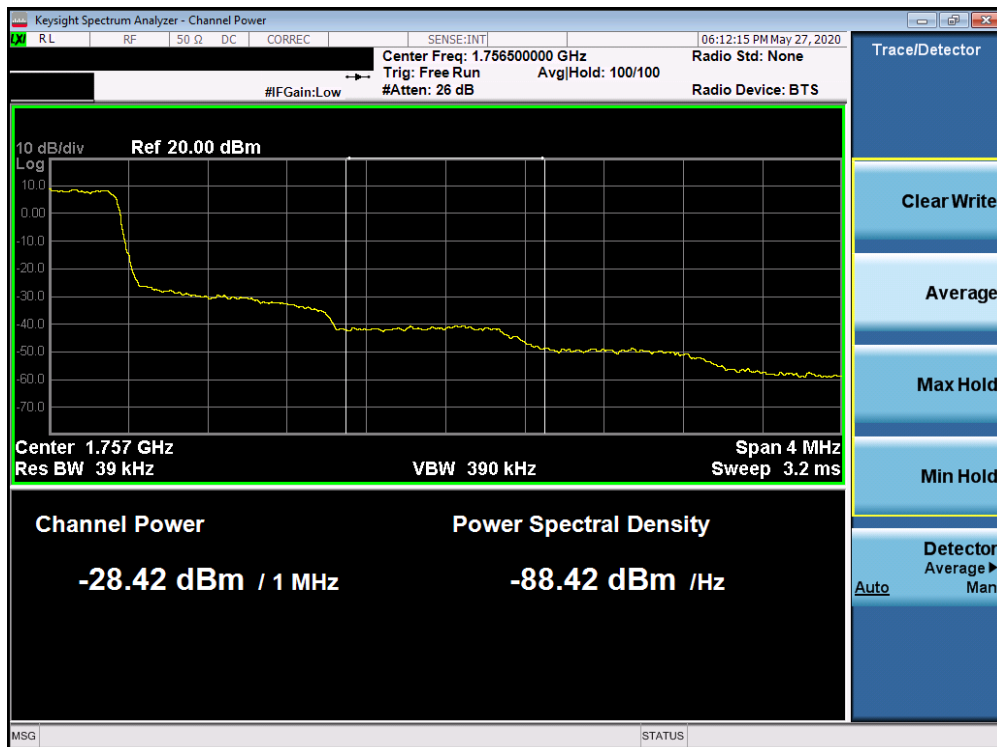


**Plot 7-465. Lower Extended Band Edge Plot (Band 66/4 - 1.4MHz QPSK - Full RB Configuration)**

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
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Plot 7-466. Upper Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)



Plot 7-467. Upper Extended Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 263 of 485

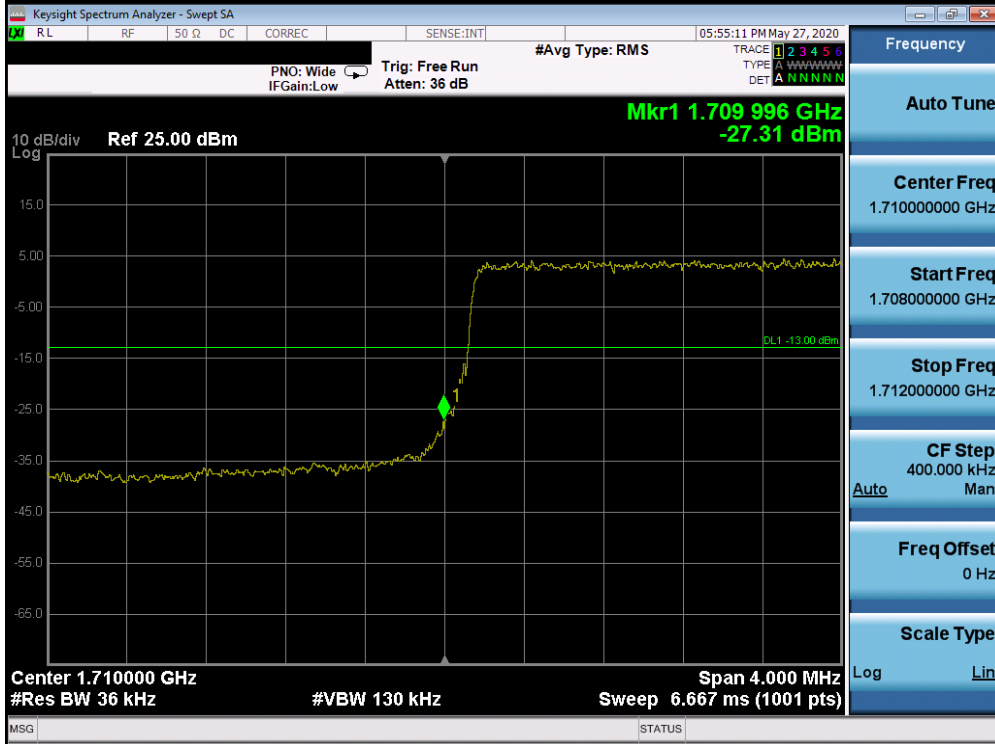


Plot 7-468. Upper Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

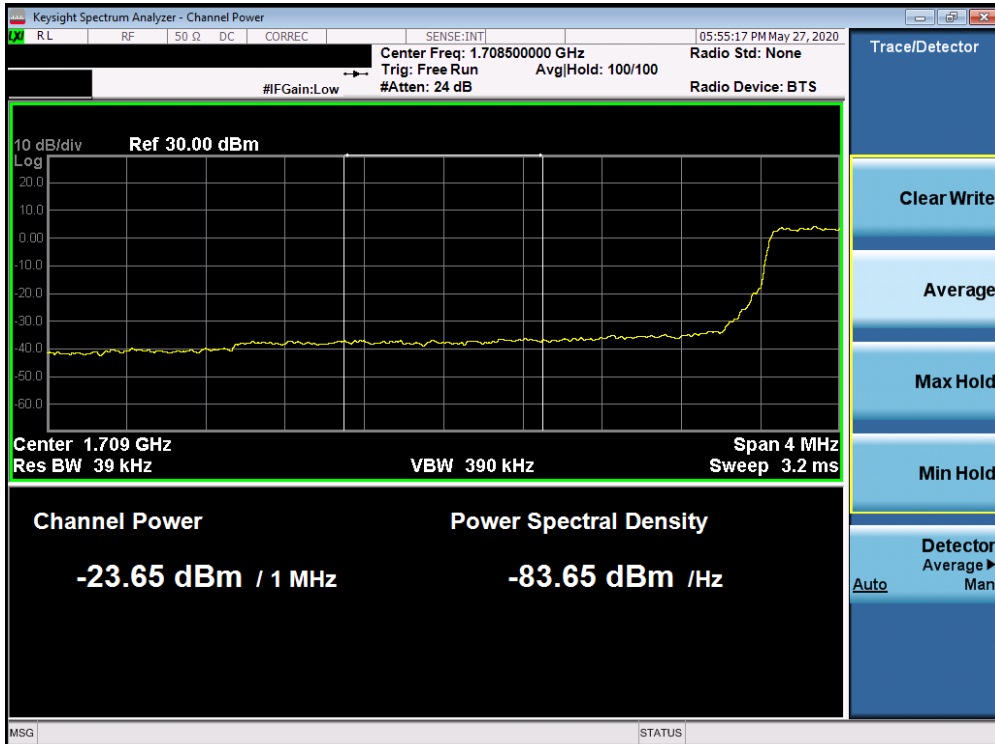


Plot 7-469. Upper Extended Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 264 of 485



Plot 7-470. Lower Band Edge Plot (Band 66/4 - 3.0MHz QPSK - Full RB Configuration)

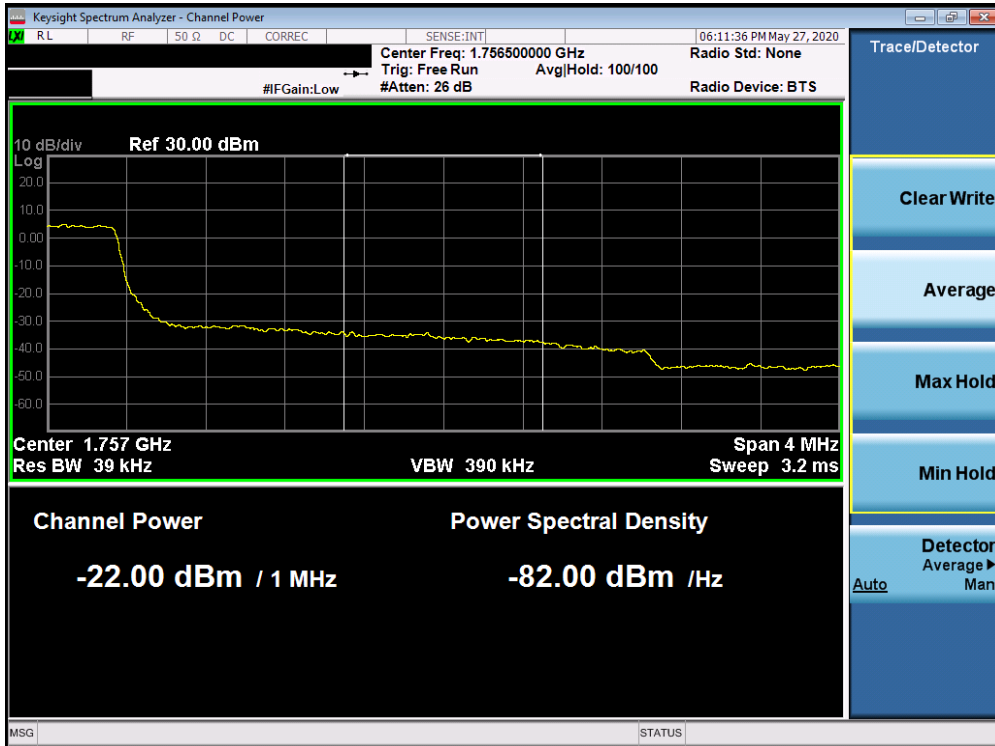


Plot 7-471. Lower Extended Band Edge Plot (Band 66/4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 265 of 485

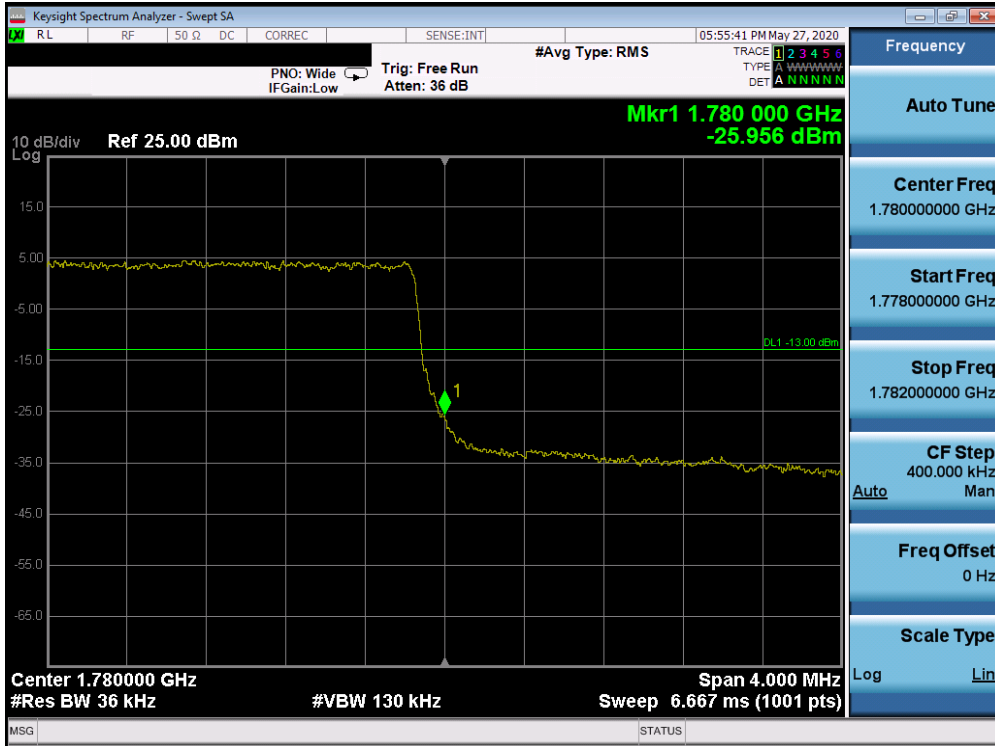


Plot 7-472. Upper Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

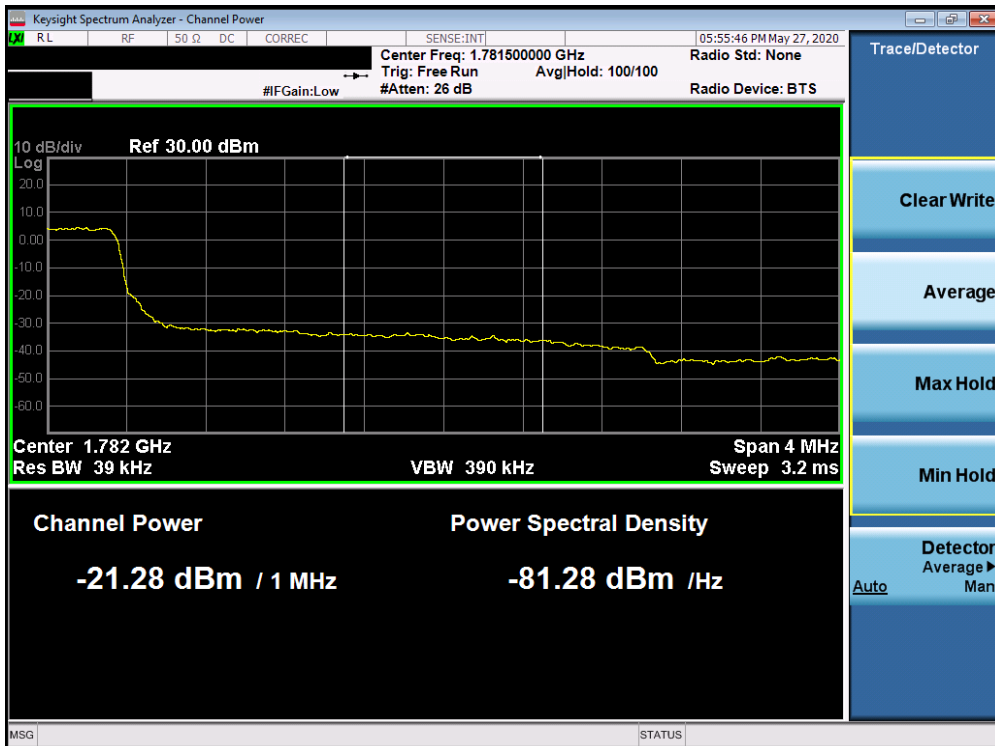


Plot 7-473. Upper Extended Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 266 of 485

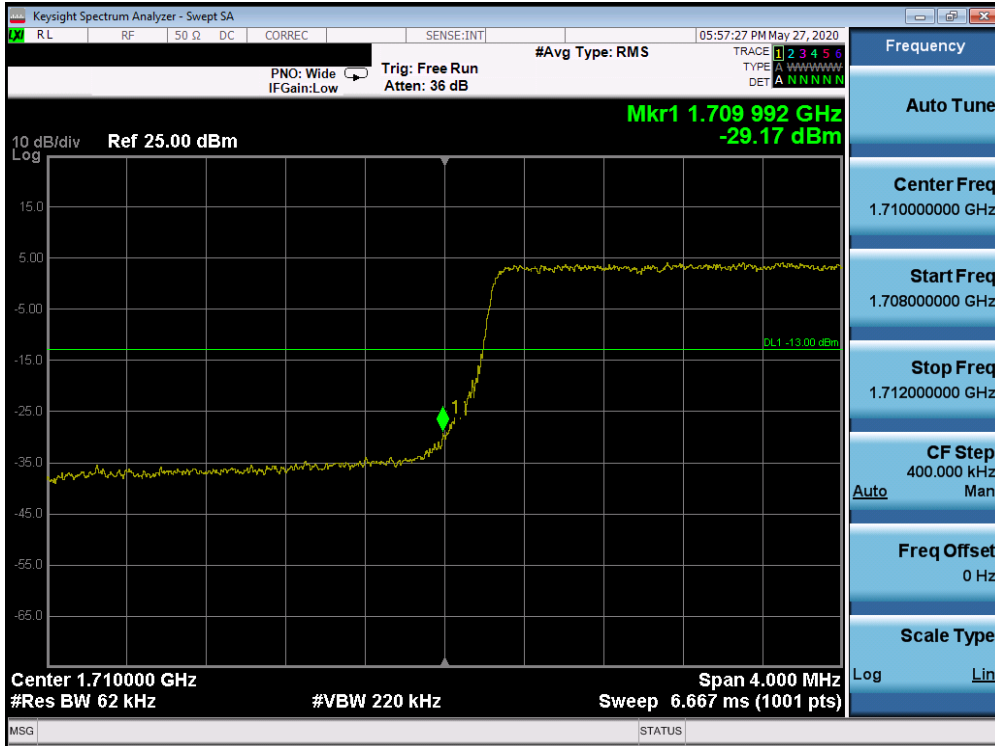


Plot 7-474. Upper Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

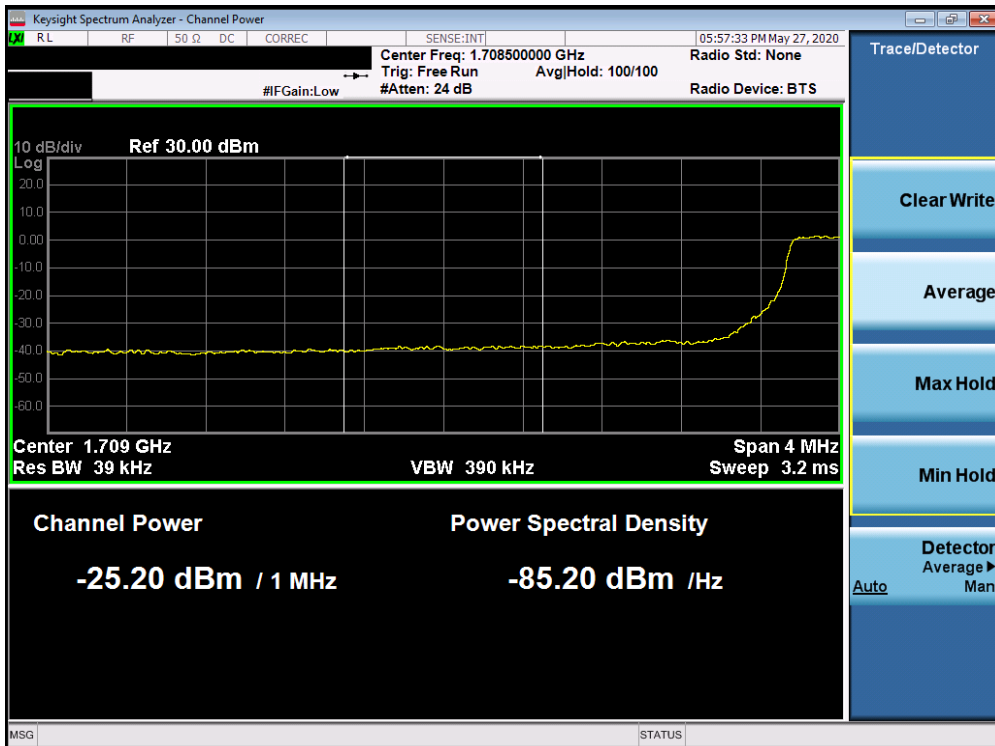


Plot 7-475. Upper Extended Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 267 of 485

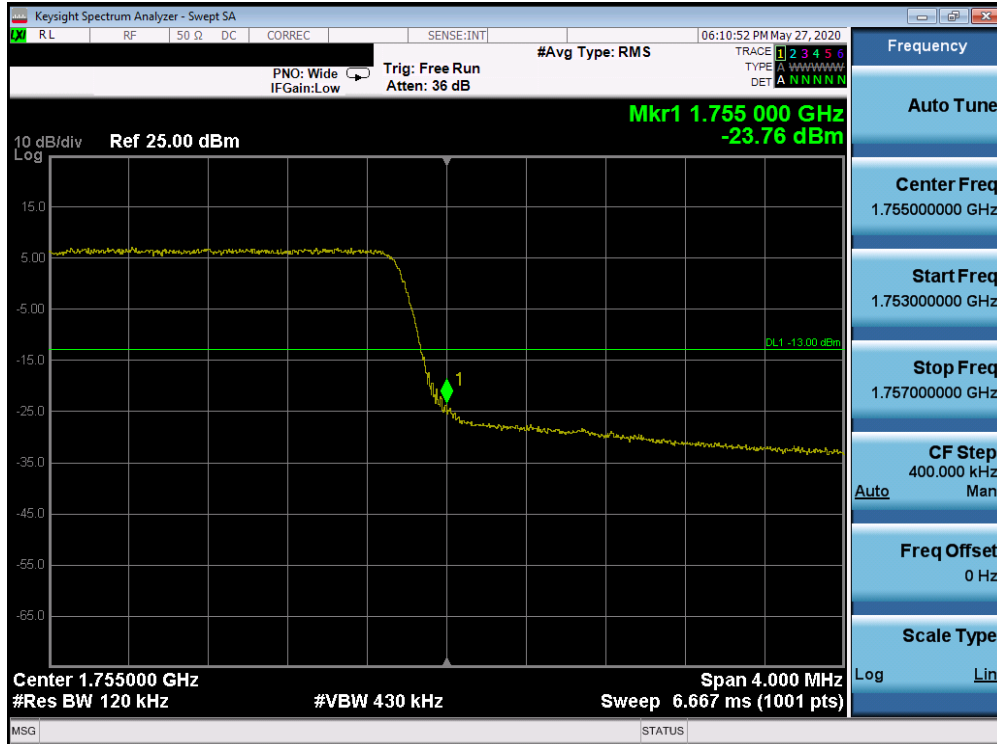


Plot 7-476. Lower Band Edge Plot (Band 66/4 - 5.0MHz QPSK - Full RB Configuration)

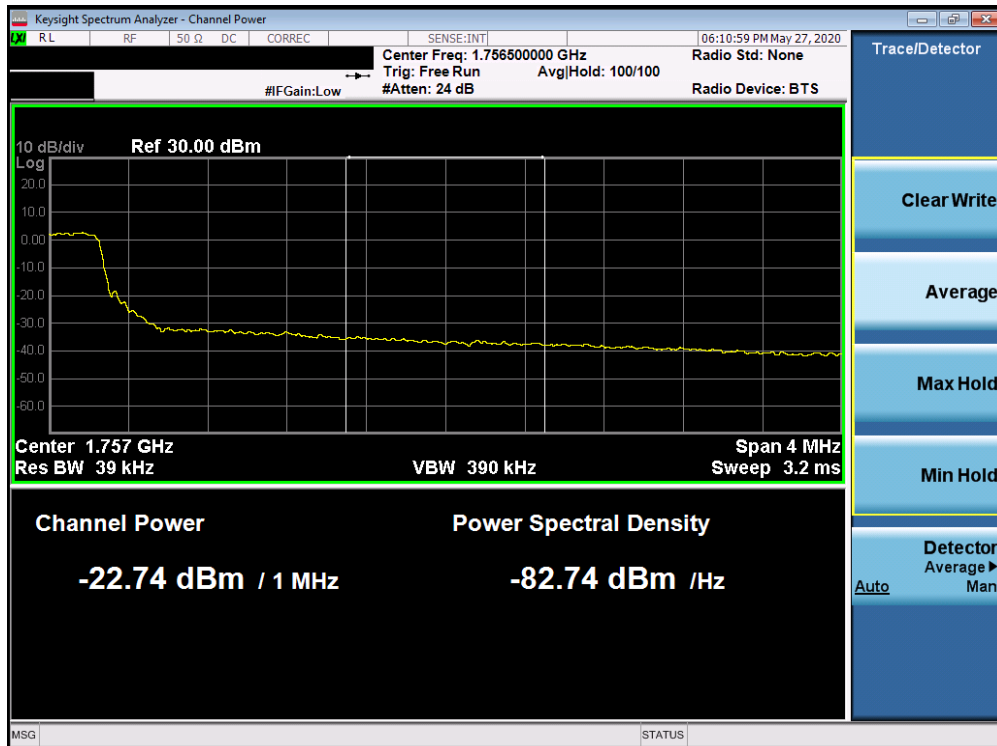


Plot 7-477. Lower Extended Band Edge Plot (Band 66/4 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 268 of 485



Plot 7-478. Upper Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)



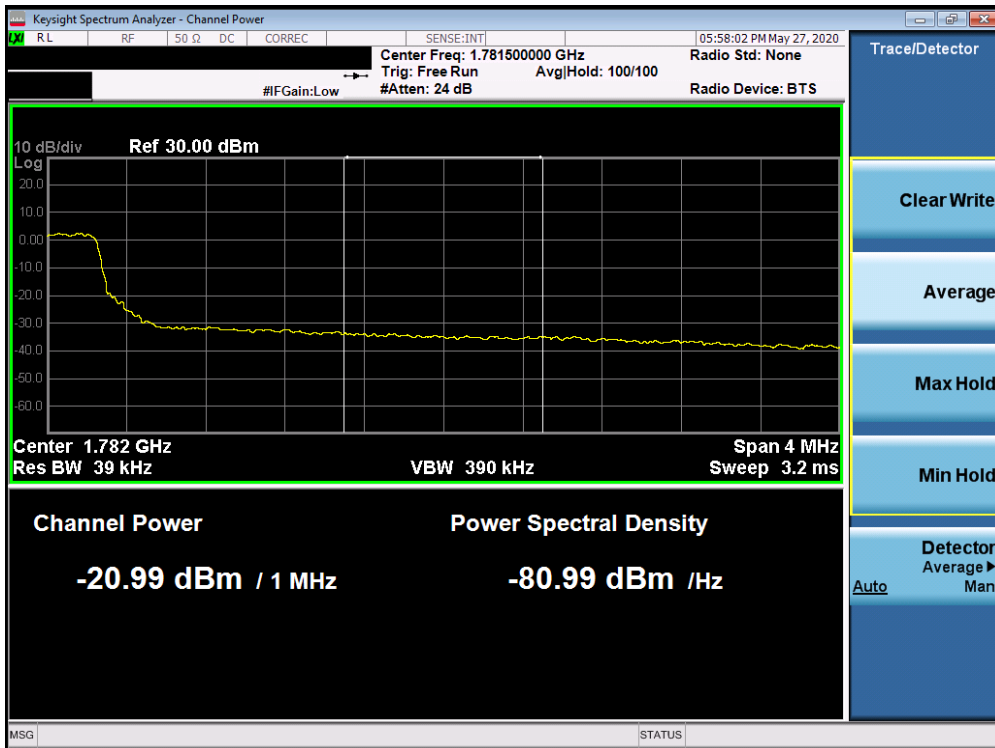
Plot 7-479. Upper Extended Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 269 of 485



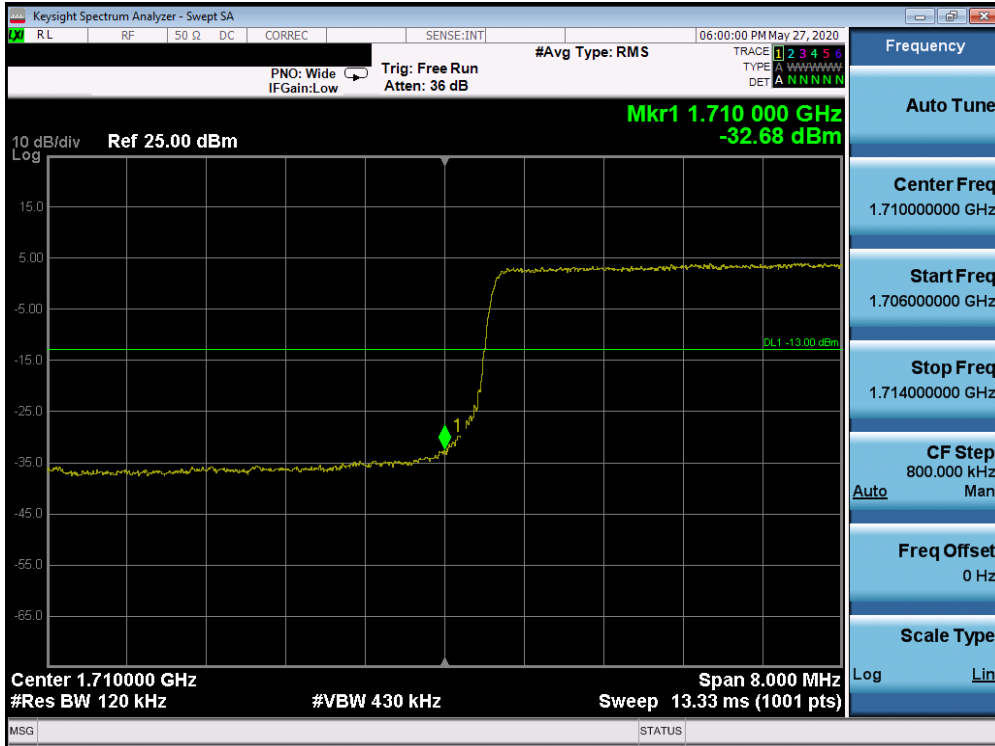


Plot 7-480. Upper Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

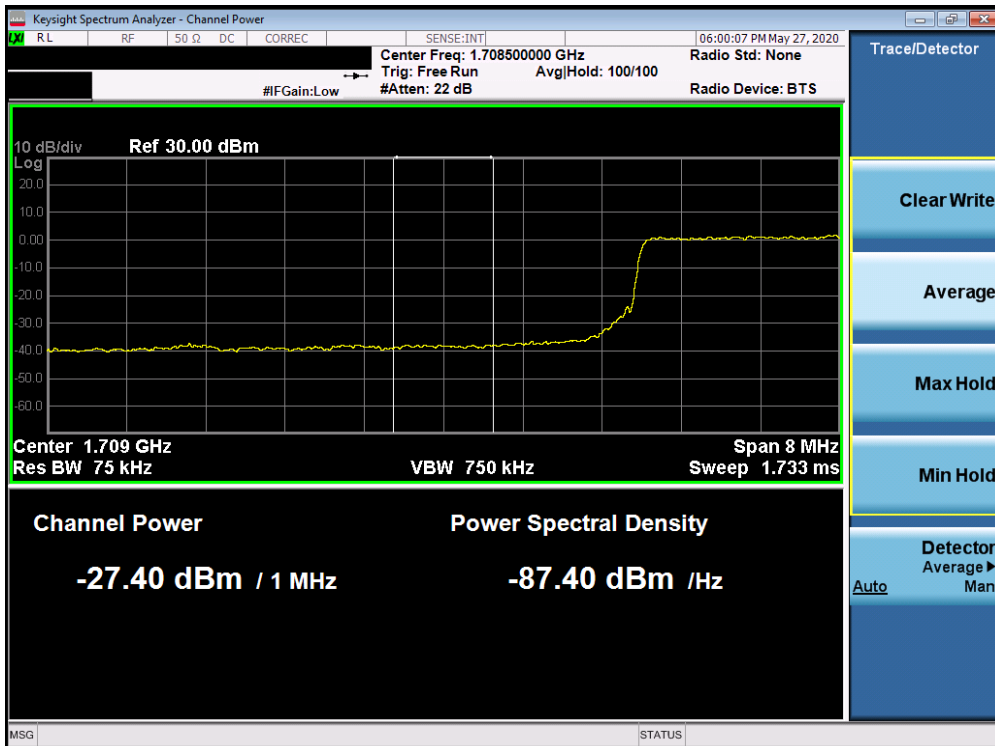


Plot 7-481. Upper Extended Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 270 of 485



Plot 7-482. Lower Band Edge Plot (Band 66/4 - 10.0MHz QPSK - Full RB Configuration)

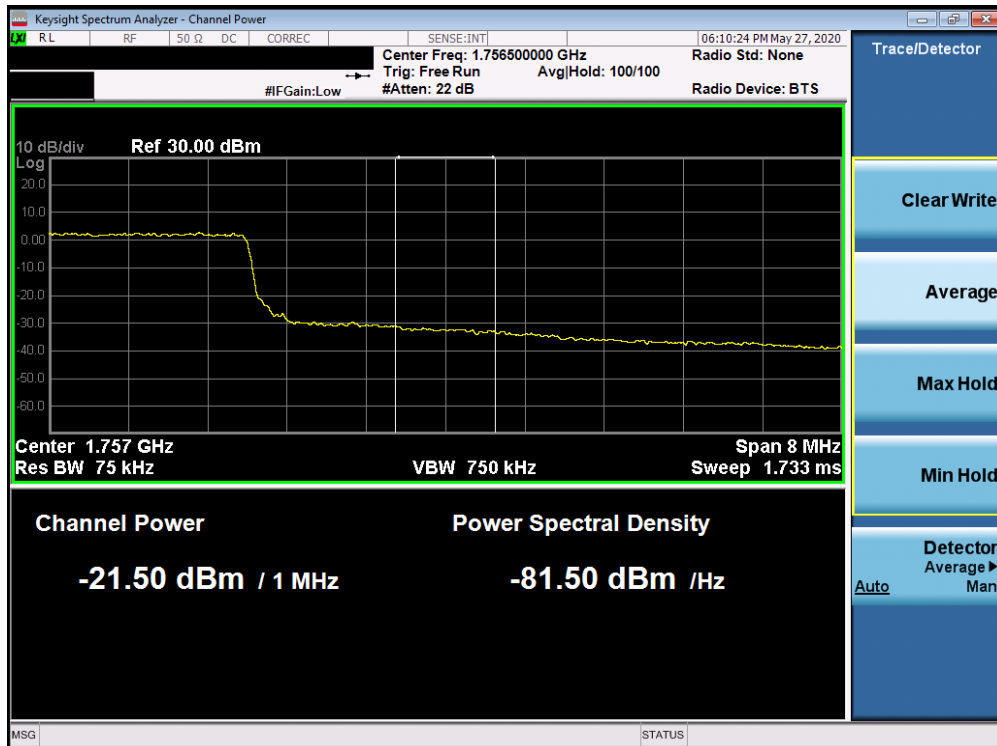


Plot 7-483. Lower Extended Band Edge Plot (Band 66/4 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 271 of 485

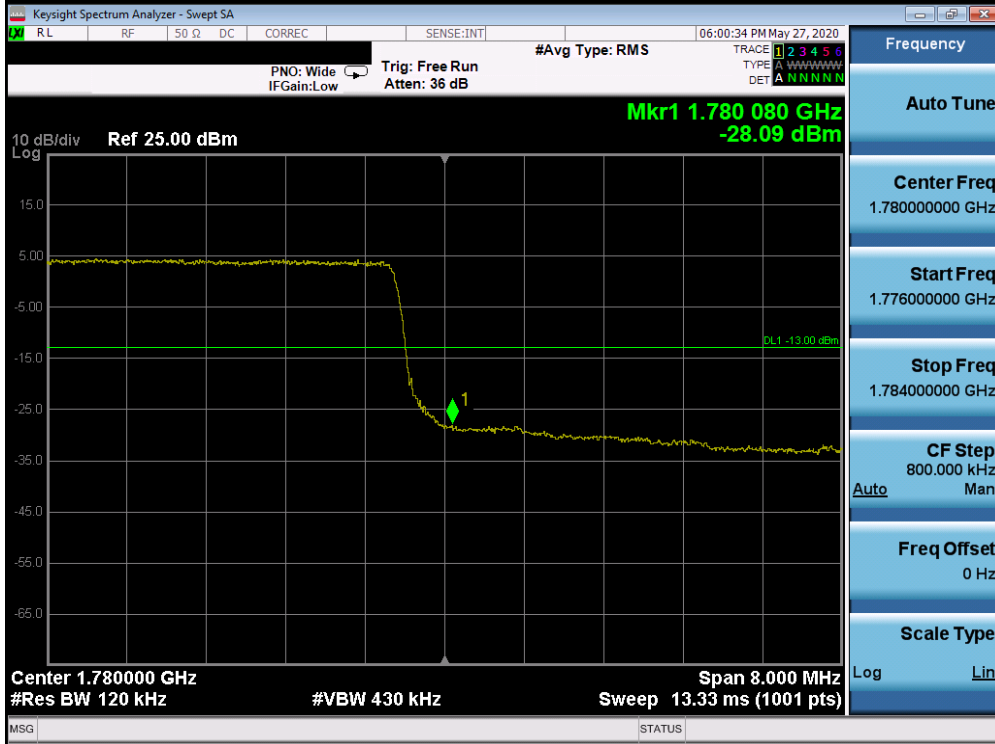


Plot 7-484. Upper Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

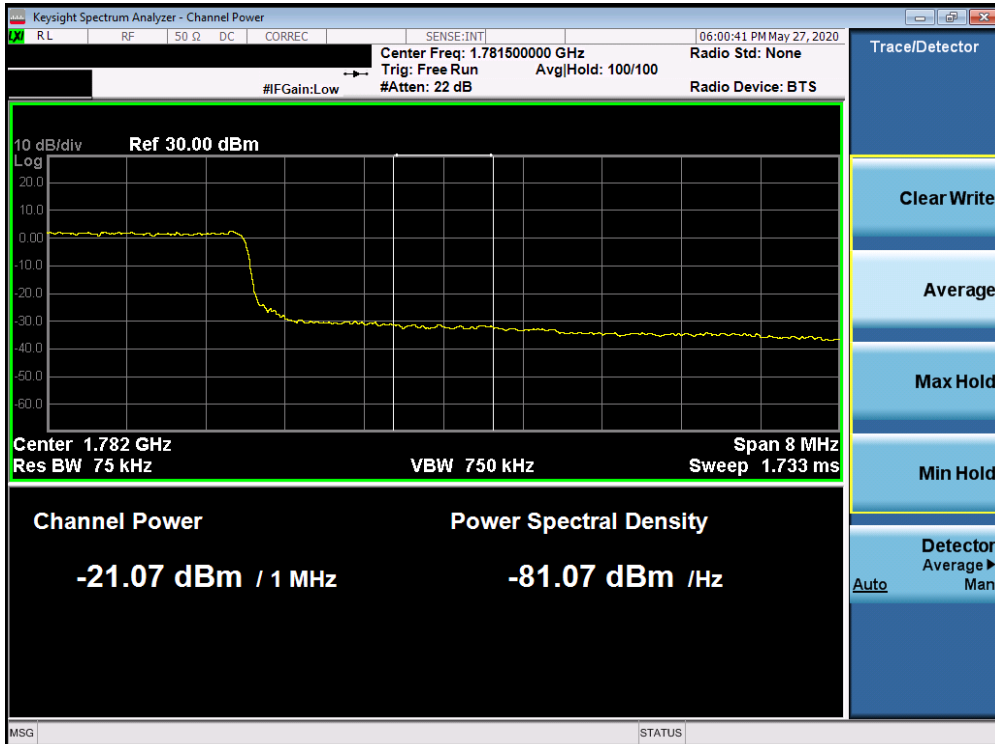


Plot 7-485. Upper Extended Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 272 of 485

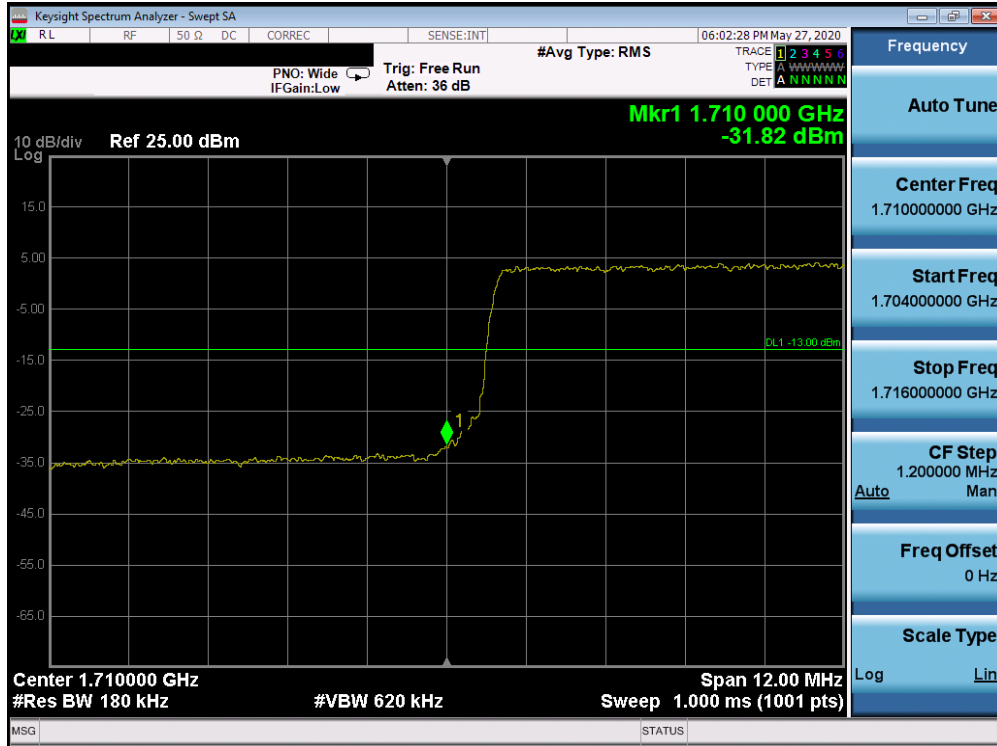


Plot 7-486. Upper Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

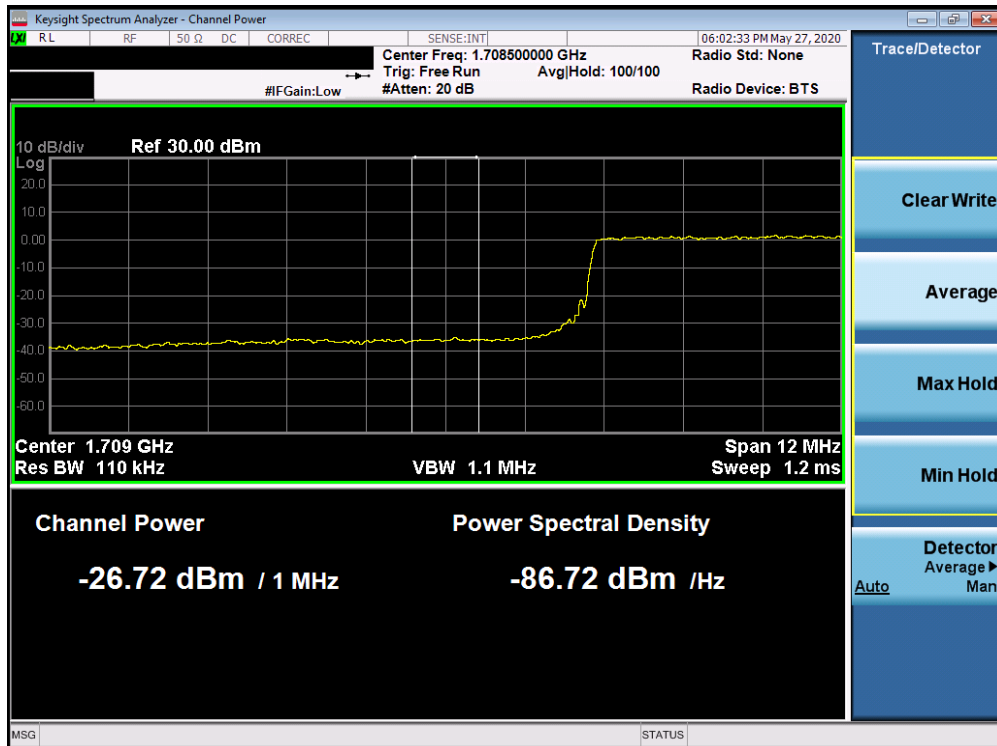


Plot 7-487. Upper Extended Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 273 of 485



Plot 7-488. Lower Band Edge Plot (Band 66/4 - 15.0MHz QPSK - Full RB Configuration)

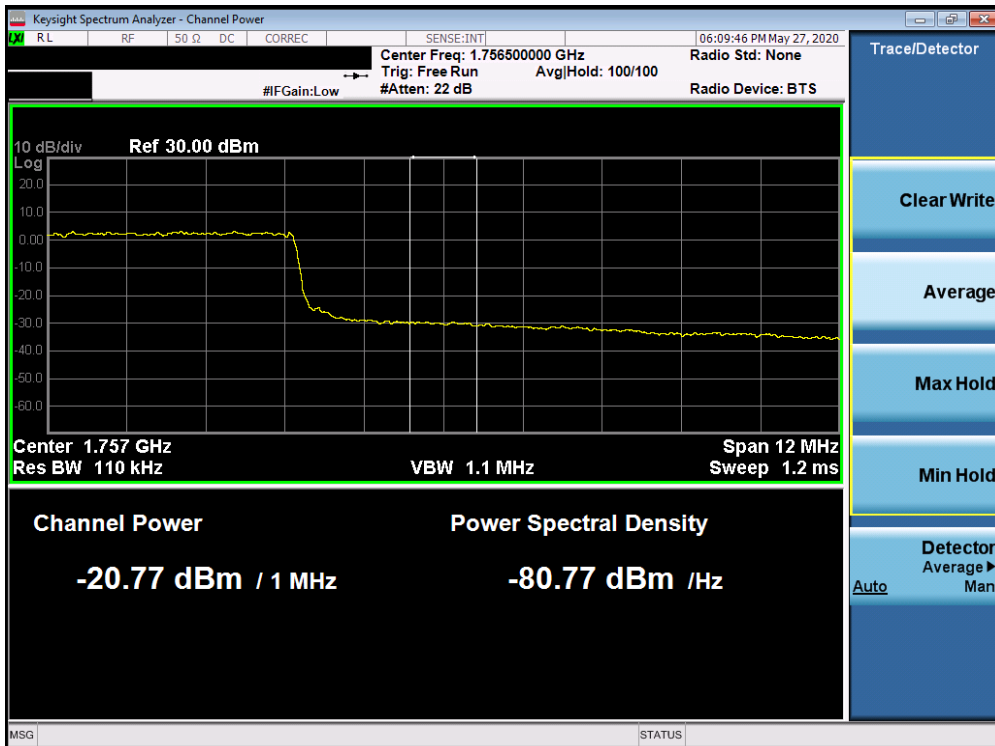


Plot 7-489. Lower Extended Band Edge Plot (Band 66/4 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 274 of 485

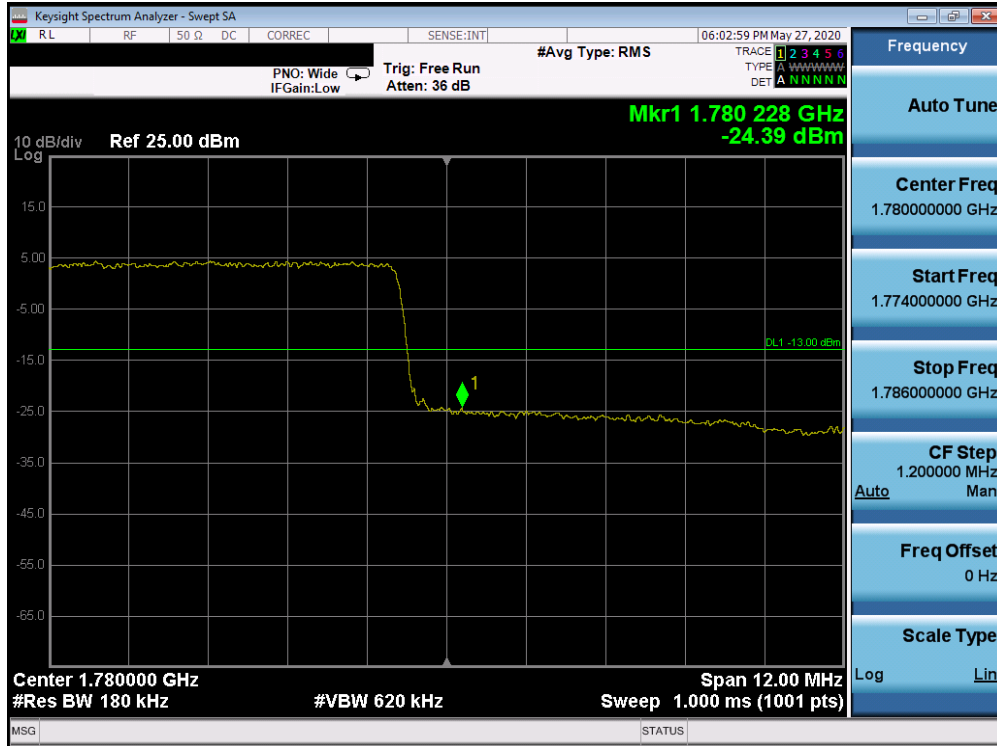


Plot 7-490. Upper Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

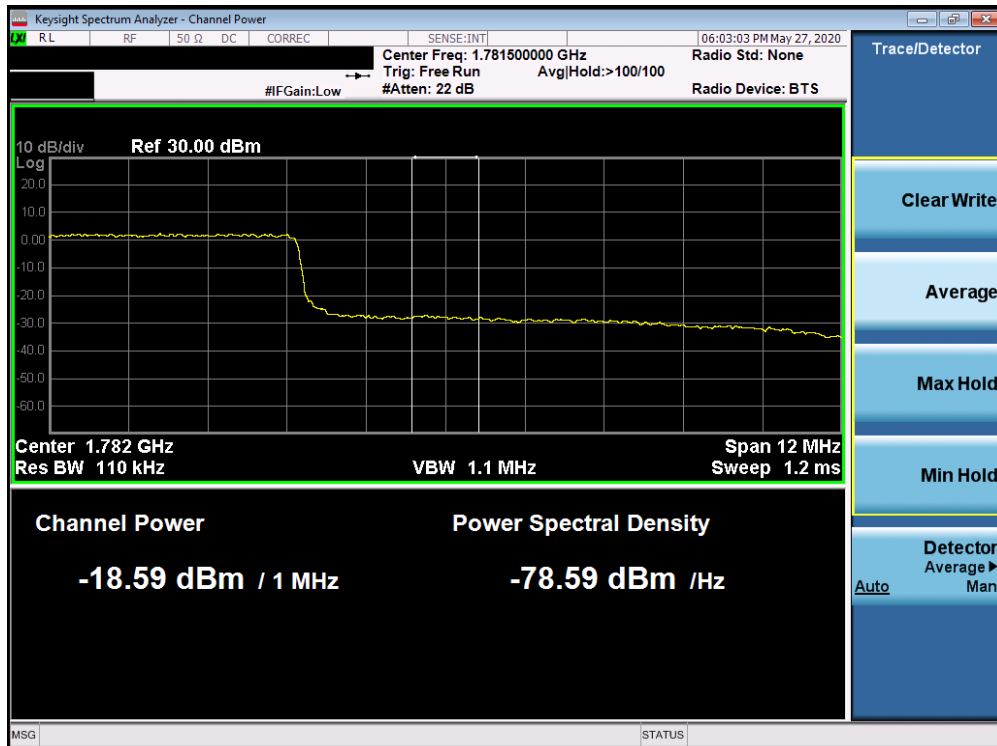


Plot 7-491. Upper Extended Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 275 of 485

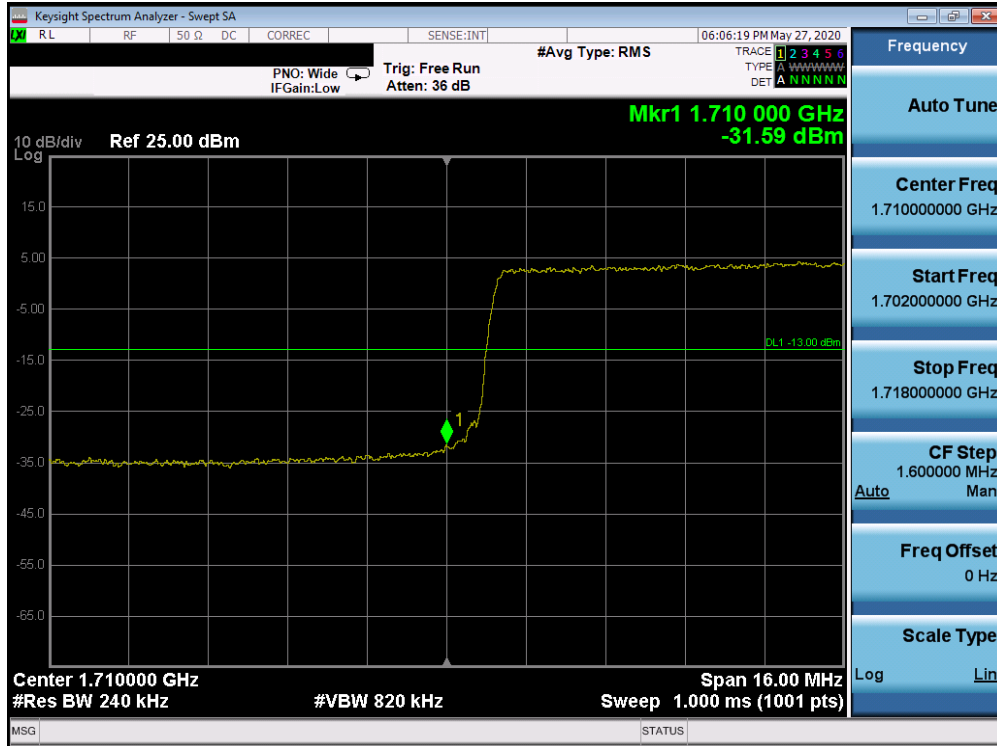


Plot 7-492. Upper Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

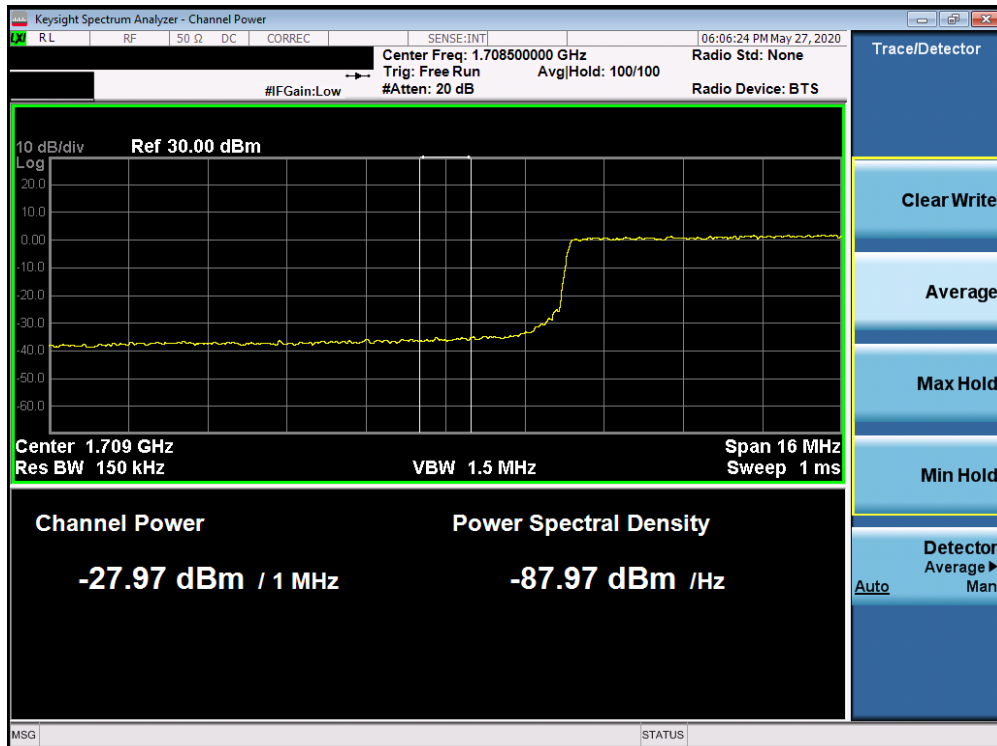


Plot 7-493. Upper Extended Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 276 of 485



Plot 7-494. Lower Band Edge Plot (Band 66/4 - 20.0MHz QPSK - Full RB Configuration)



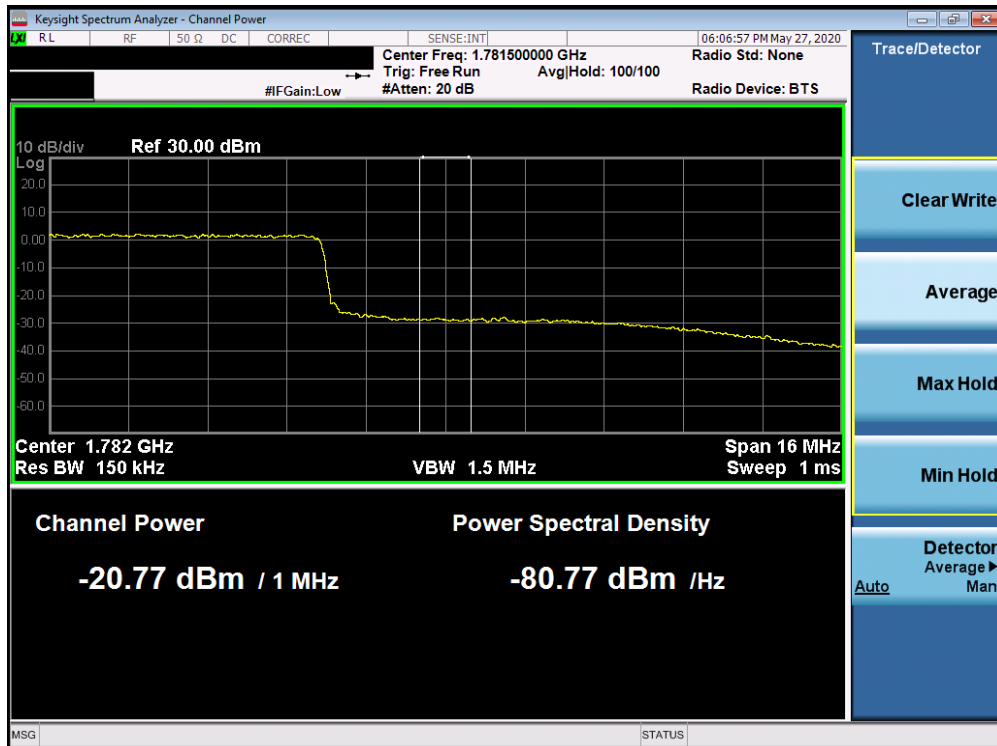
Plot 7-495. Lower Extended Band Edge Plot (Band 66/4 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 277 of 485





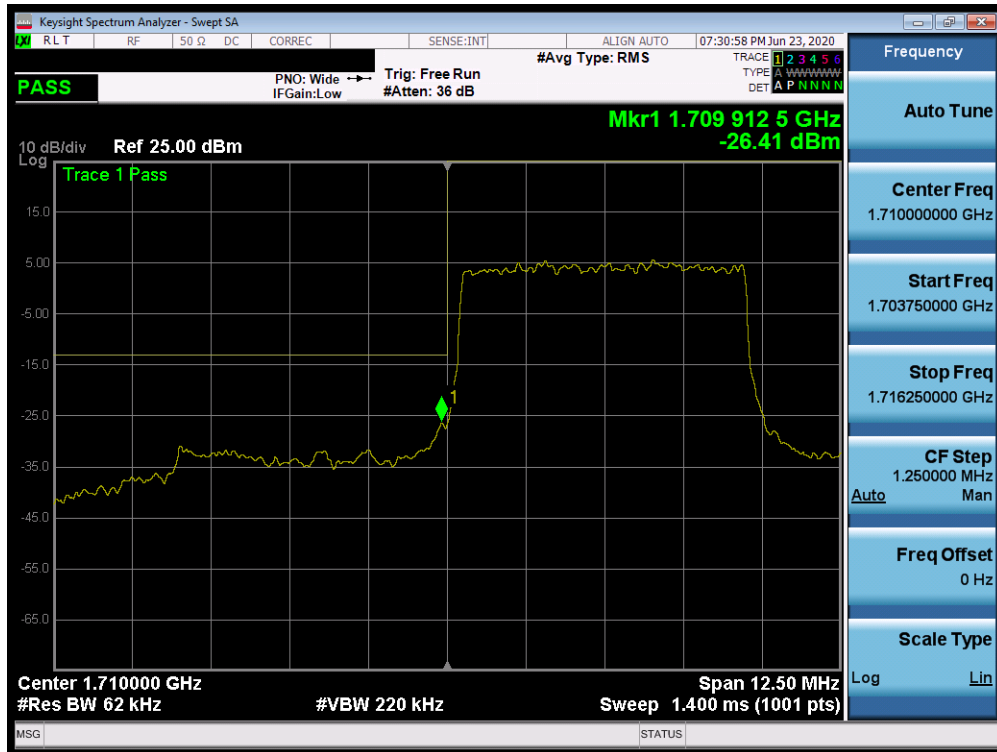
Plot 7-496. Upper Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)



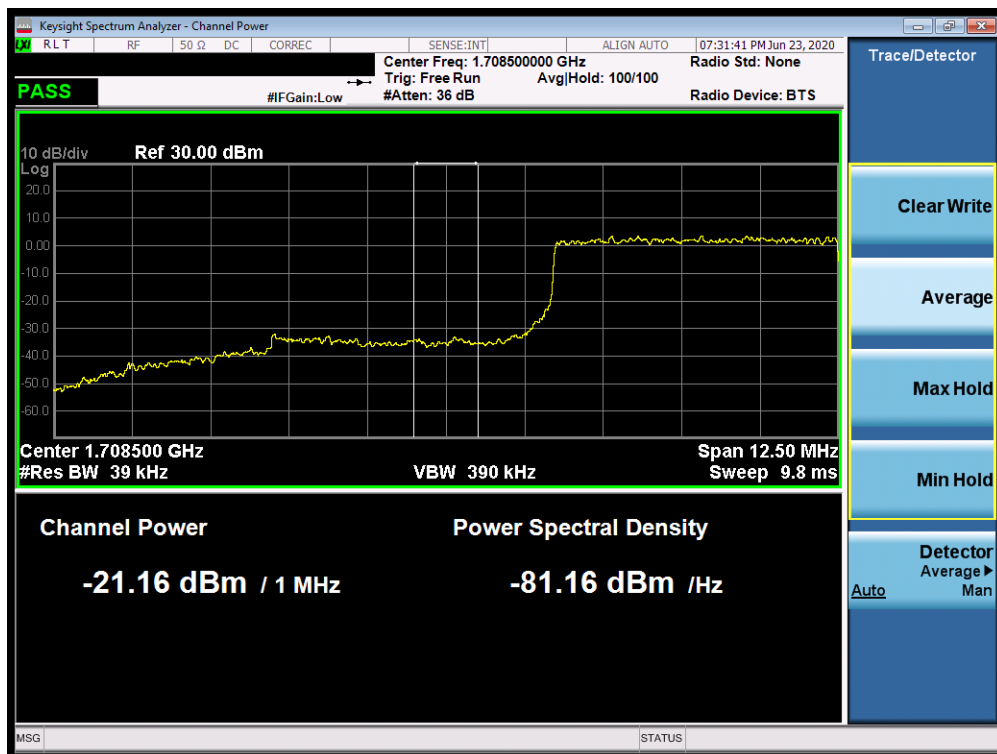
Plot 7-497. Upper Extended Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 278 of 485

NR Band n66



Plot 7-498. Lower Band Edge Plot (n66 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

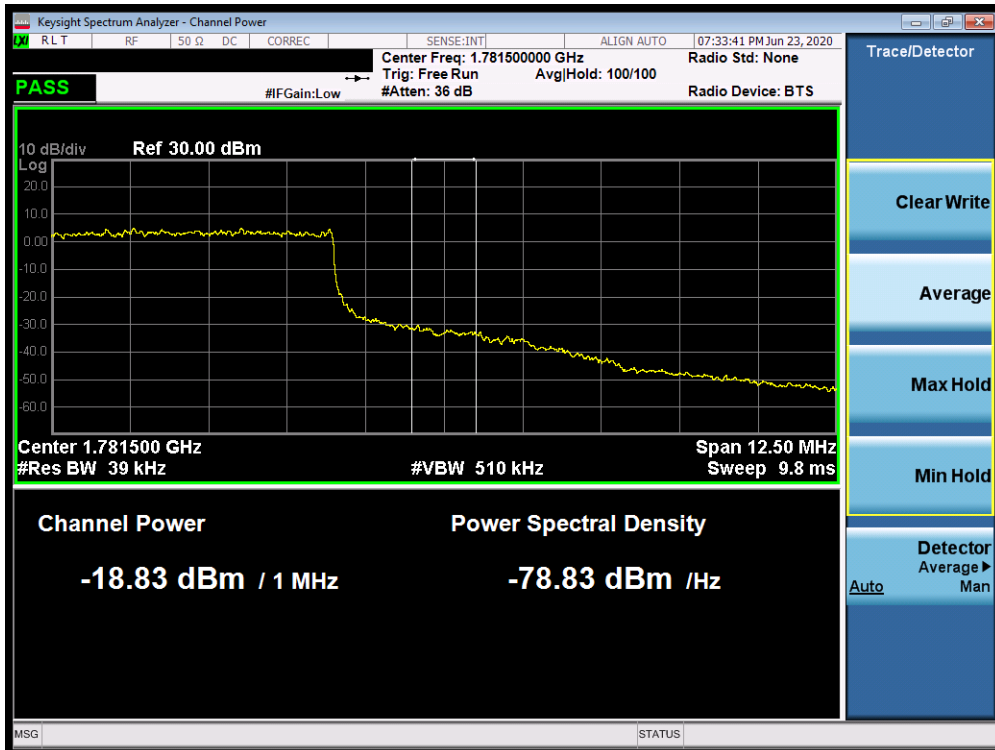


Plot 7-499. Lower Extended Band Edge Plot (n66 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 279 of 485

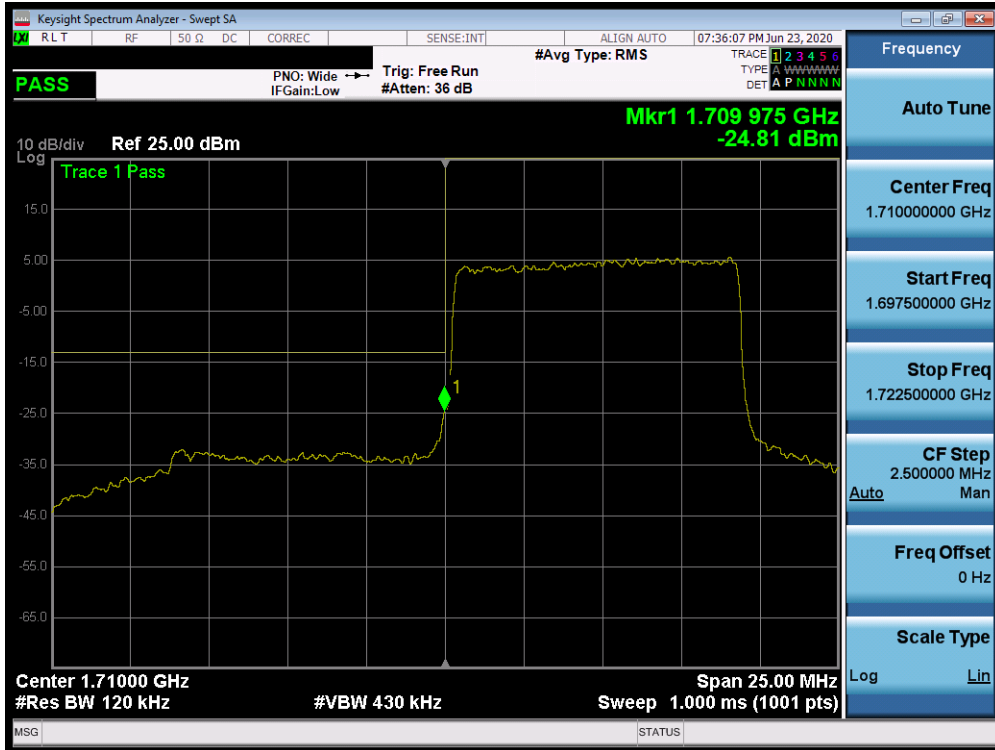


Plot 7-500. Upper Band Edge Plot (n66 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

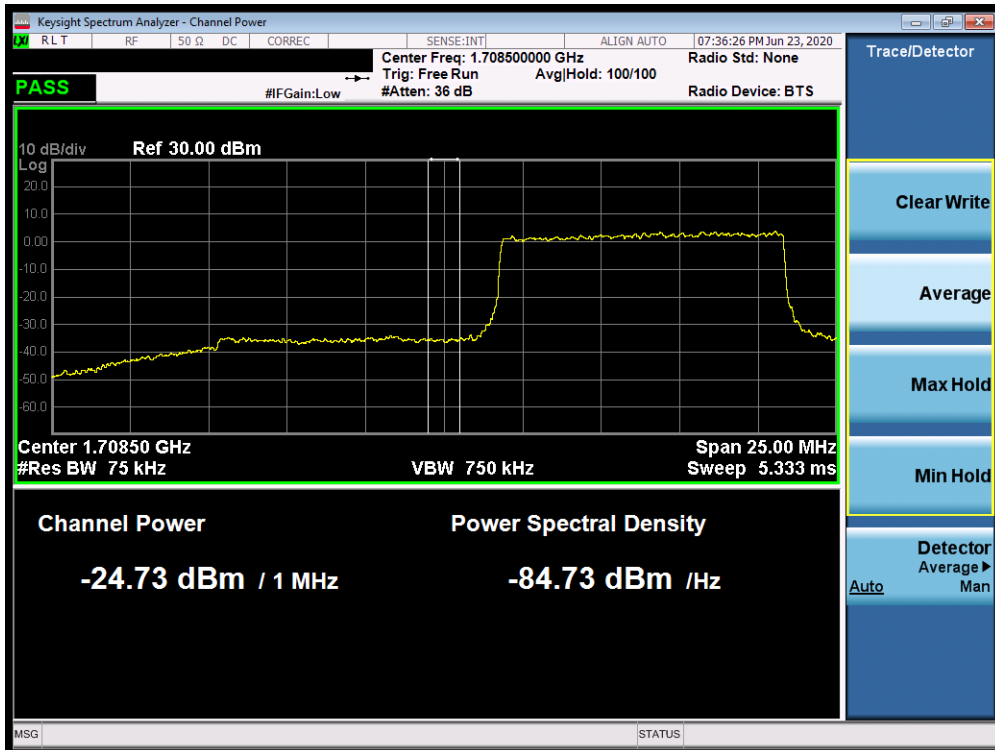


Plot 7-501. Upper Extended Band Edge Plot (n66 - 5MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 280 of 485



Plot 7-502. Lower Band Edge Plot (n66 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

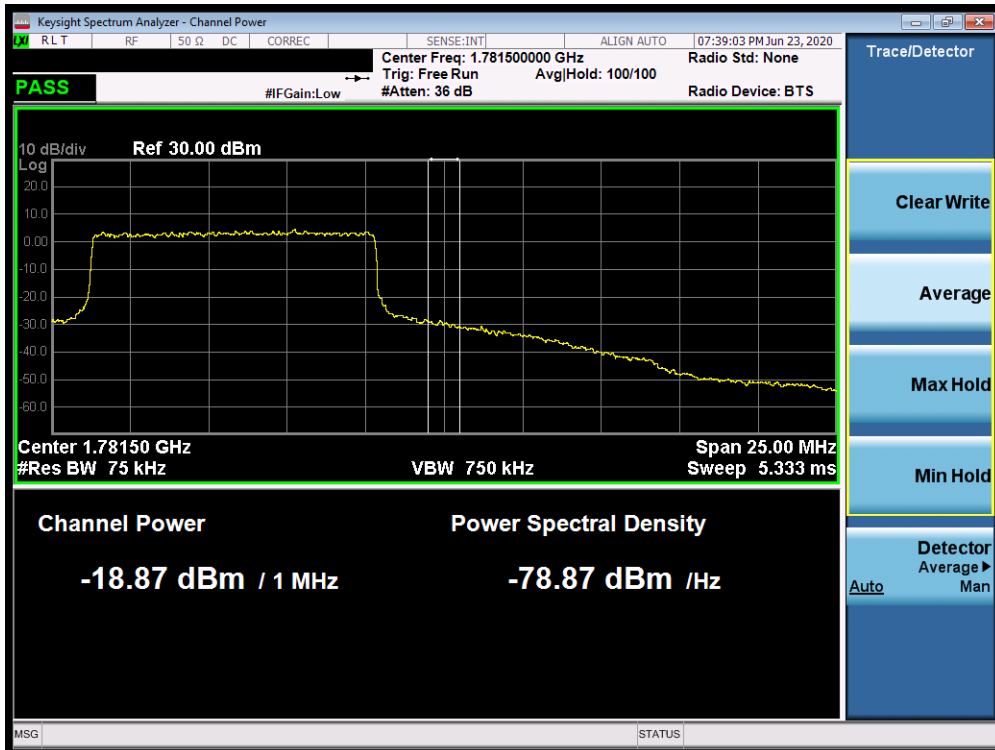


Plot 7-503. Lower Extended Band Edge Plot (n66 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 281 of 485

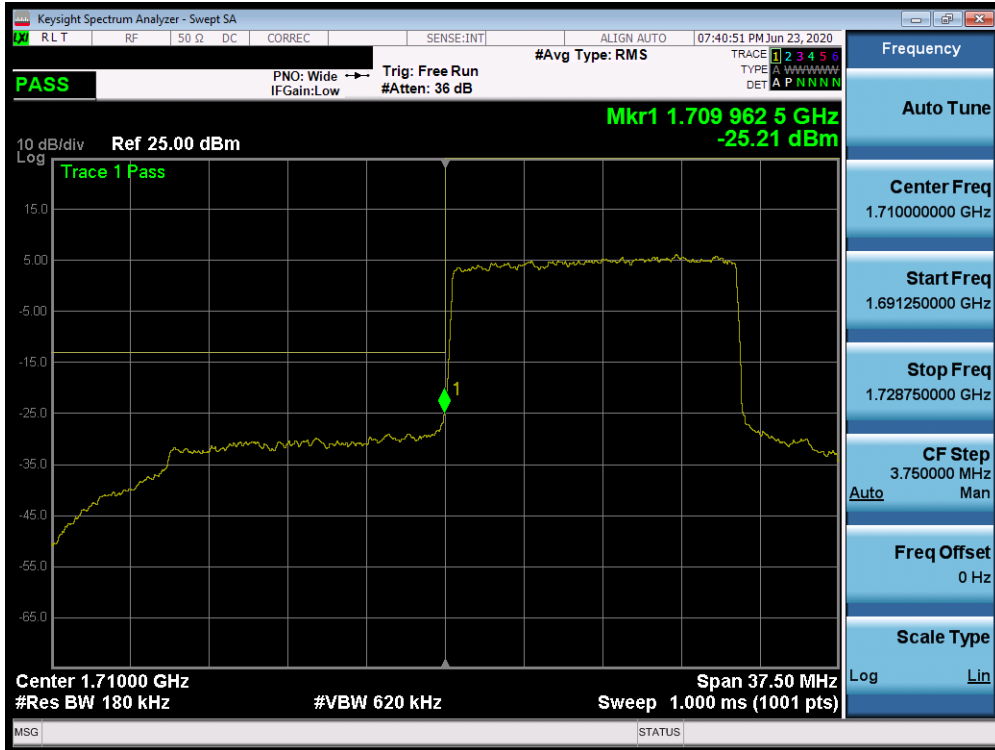


Plot 7-504. Upper Band Edge Plot (n66 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

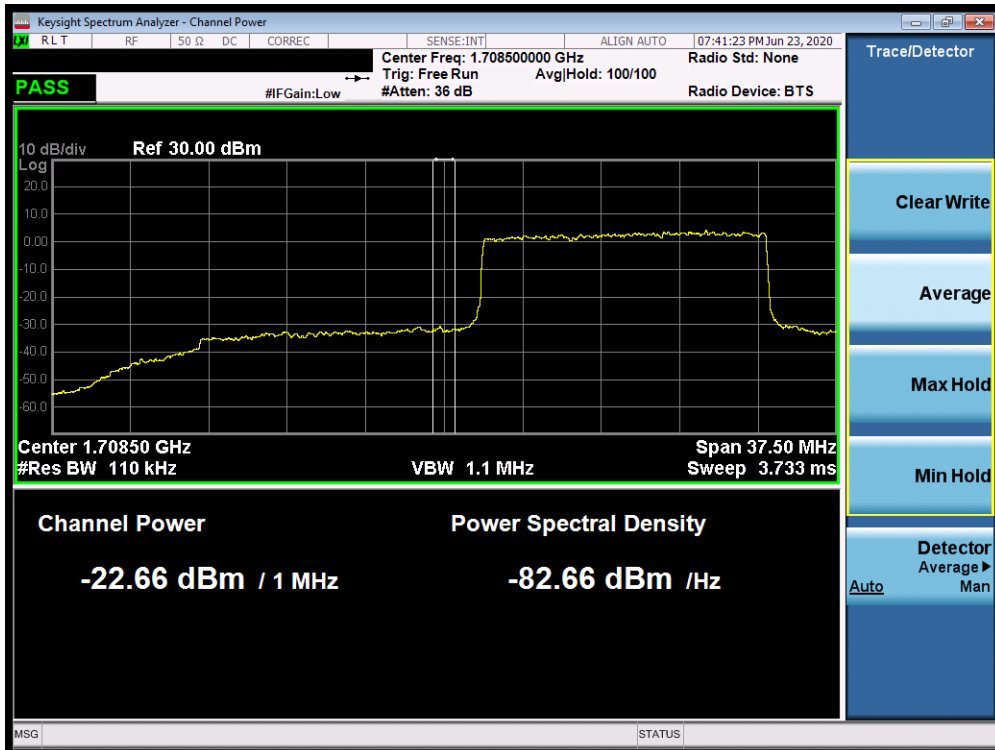


Plot 7-505. Upper Extended Band Edge Plot (n66 - 10MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 282 of 485



Plot 7-506. Lower Band Edge Plot (n66 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

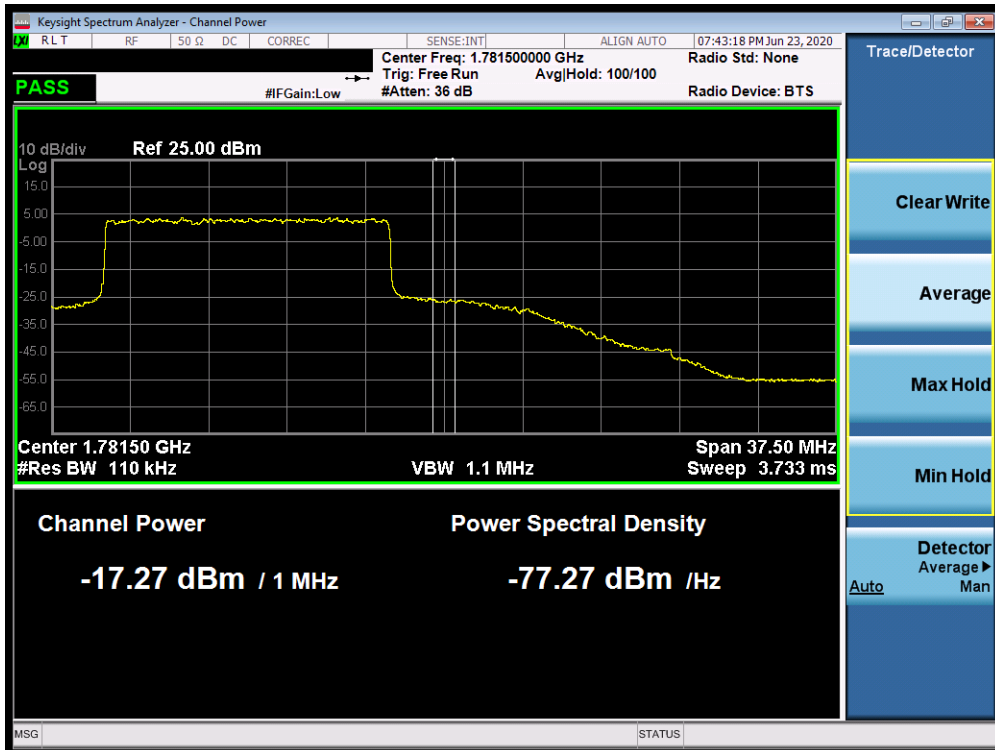


Plot 7-507. Lower Extended Band Edge Plot (n66 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 283 of 485

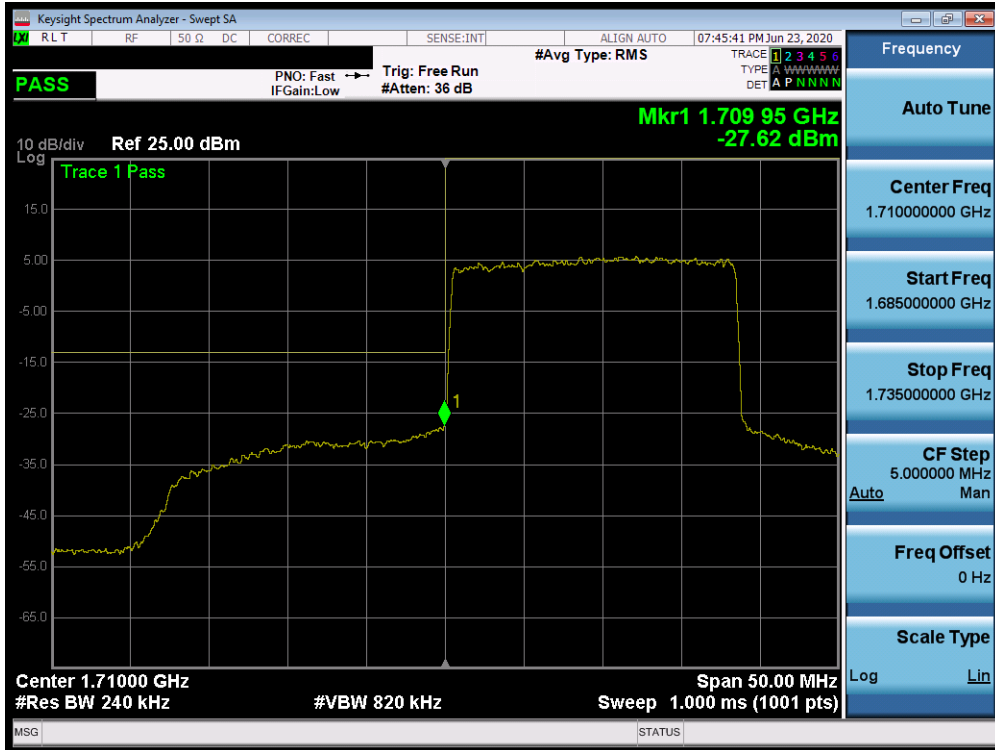


Plot 7-508. Upper Band Edge Plot (n66 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

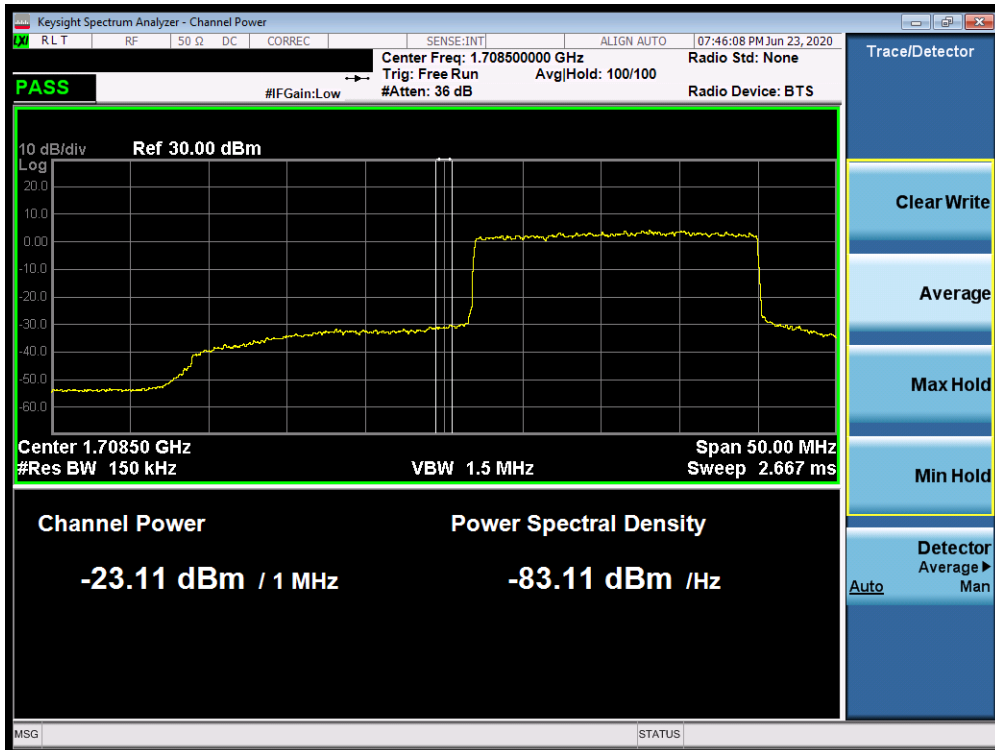


Plot 7-509. Upper Extended Band Edge Plot (n66 - 15MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 284 of 485



Plot 7-510. Lower Band Edge Plot (n66 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)



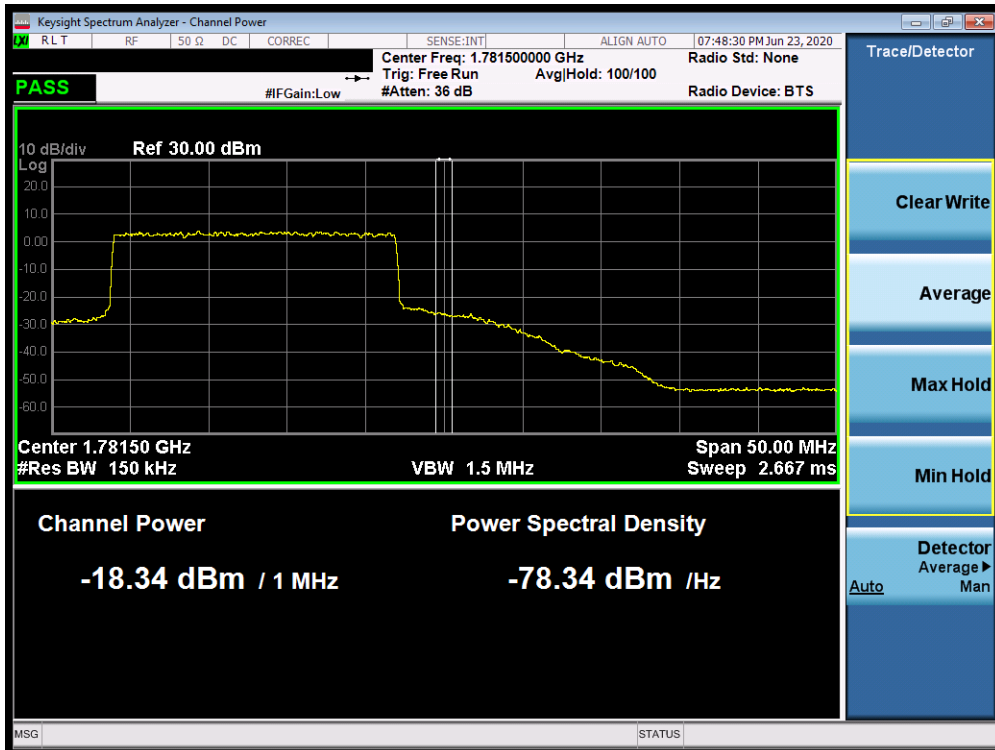
Plot 7-511. Lower Extended Band Edge Plot (n66 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 285 of 485





Plot 7-512. Upper Band Edge Plot (n66 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)



Plot 7-513. Upper Extended Band Edge Plot (n66 - 20MHz DFT-s-OFDM-QPSK - Full RB Configuration)

FCC ID: A3LSMN981U	<b>PCTEST</b> Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	<b>SAMSUNG</b>	Approved by: Quality Manager
Test Report S/N: 1M2005050081-03.A3L	Test Dates: 5/5 - 7/15/2020	EUT Type: Portable Handset		Page 286 of 485