



Plot 7-309. Upper Band Edge Plot (NR Band n66 - 20.0MHz - Full RB - Ant A)



Plot 7-310. Upper Extended Band Edge Plot (NR Band n66 - 20.0MHz - Full RB - Ant A)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 184 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 104 01 322	





Plot 7-311. Lower Band Edge Plot (NR Band n66 - 15.0MHz - Full RB - Ant A)



Plot 7-312. Lower Extended Band Edge Plot (NR Band n66 - 15.0MHz - Full RB - Ant A)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 185 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 103 01 322





Plot 7-313. Upper Band Edge Plot (NR Band n66 - 15.0MHz - Full RB - Ant A)



Plot 7-314. Upper Extended Band Edge Plot (NR Band n66 - 15.0MHz - Full RB - Ant A)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 186 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 100 01 322	





Plot 7-315. Lower Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant A)



Plot 7-316. Lower Extended Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant A)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 187 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 107 01 322	





Plot 7-317. Upper Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant A)



Plot 7-318. Upper Extended Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant A)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 188 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 100 01 322	





Plot 7-319. Lower Band Edge Plot (NR Band n66 - 5.0MHz - Full RB - Ant A)



Plot 7-320. Lower Extended Band Edge Plot (NR Band n66 - 5.0MHz - Full RB - Ant A)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 189 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 109 01 322	





Plot 7-321. Upper Band Edge Plot (NR Band n66 - 5.0MHz - Full RB - Ant A)



Plot 7-322. Upper Extended Band Edge Plot (NR Band n66 - 5.0MHz - Full RB - Ant A)

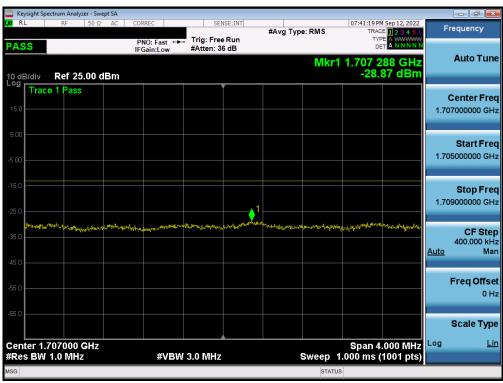
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 190 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 190 01 322



# Uplink CA LTE Band 66B/C - Ant A



Plot 7-323. Lower Band Edge Plot (ULCA LTE Band 66 - Ant A)



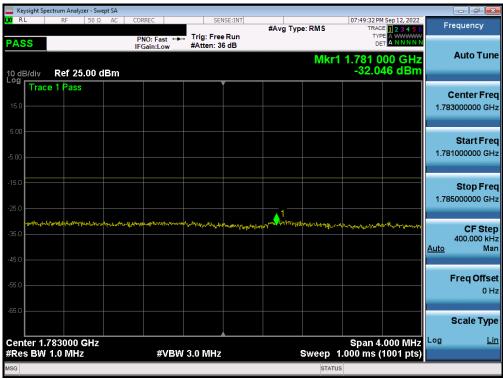
Plot 7-324. Lower Extended Band Edge Plot (ULCA LTE Band 66 - Ant A)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 191 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 191 01 322





Plot 7-325. Upper Band Edge Plot (ULCA LTE Band 66 - Ant A)



Plot 7-326. Upper Extended Band Edge Plot (ULCA LTE Band 66 - Ant A)

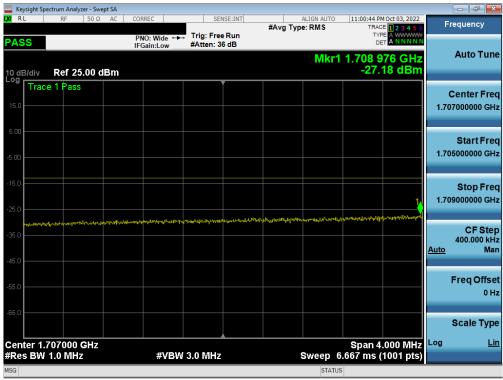
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 192 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 192 01 322	



## LTE Band 66/4 - Ant F



Plot 7-327. Lower Band Edge Plot (LTE Band 66/4 - 20MHz QPSK - Full RB - Ant F)

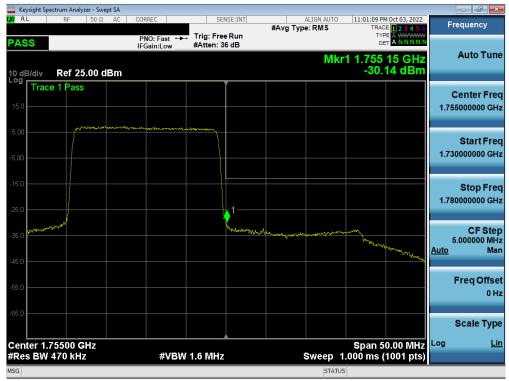


Plot 7-328. Lower Extended Band Edge Plot (LTE Band 66/4 - 20MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 193 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 193 01 322

V11.0 9/14/2022





Plot 7-329. Upper Band Edge Plot (LTE Band 4 - 20MHz QPSK - Full RB - Ant F)



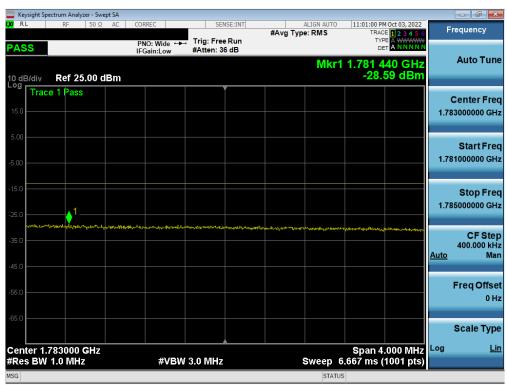
Plot 7-330. Upper Extended Band Edge Plot (LTE Band 4 - 20MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 194 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 134 01 322	





Plot 7-331. Upper Band Edge Plot (LTE Band 66 - 20MHz QPSK - Full RB - Ant F)



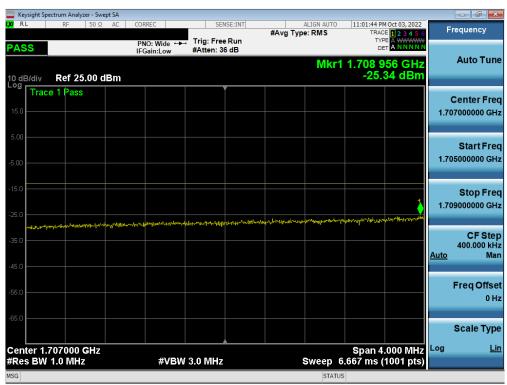
Plot 7-332. Channel Edge Plot (LTE Band 66 - 20MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 195 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 193 01 322	





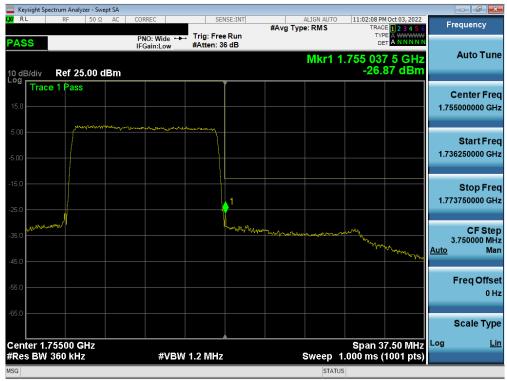
Plot 7-333. Lower Band Edge Plot (LTE Band 66/4 - 15MHz QPSK - Full RB - Ant F)



Plot 7-334. Lower Extended Band Edge Plot (LTE Band 66/4 - 15MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 106 of 222
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Page 196 of 322





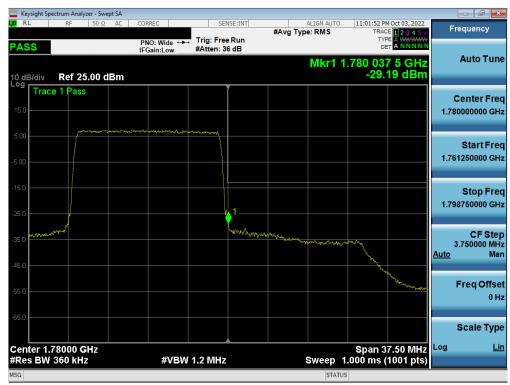
Plot 7-335. Upper Band Edge Plot (LTE Band 4 - 15MHz QPSK - Full RB - Ant F)



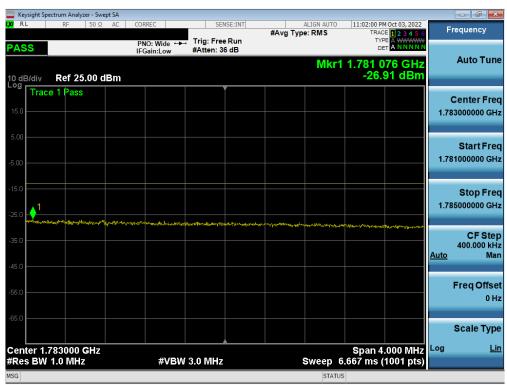
Plot 7-336. Upper Extended Band Edge Plot (LTE Band 4 - 15MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 197 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 197 01 322	





Plot 7-337. Upper Band Edge Plot (LTE Band 66 - 15MHz QPSK - Full RB - Ant F)



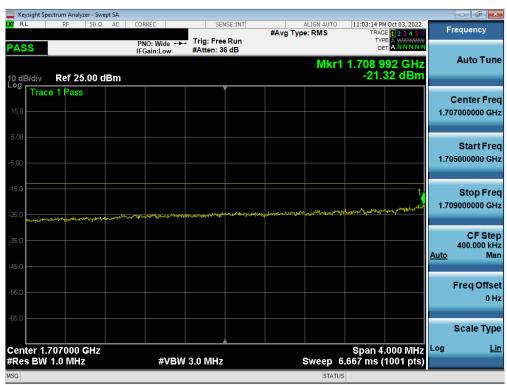
Plot 7-338. Upper Extended Band Edge Plot (LTE Band 66 - 15MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 198 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 130 01 322	





Plot 7-339. Lower Band Edge Plot (LTE Band 66/4 - 10MHz QPSK - Full RB - Ant F)



Plot 7-340. Lower Extended Band Edge Plot (LTE Band 66/4 - 10MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 199 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 199 01 322	





Plot 7-341. Upper Band Edge Plot (LTE Band 4 - 10MHz QPSK - Full RB - Ant F)



Plot 7-342. Upper Extended Band Edge Plot (LTE Band 4 - 10MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 200 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 200 01 322





Plot 7-343. Upper Band Edge Plot (LTE Band 66 - 10MHz QPSK - Full RB - Ant F)



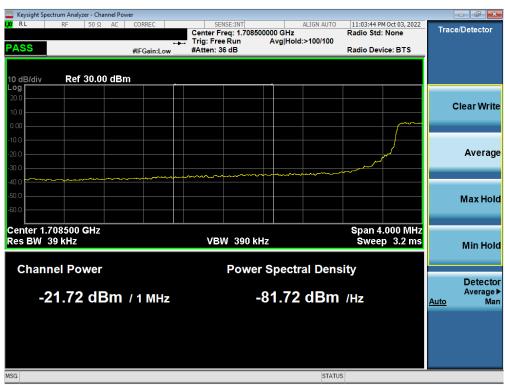
Plot 7-344. Upper Extended Band Edge Plot (LTE Band 66 - 10MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 201 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 20101322	





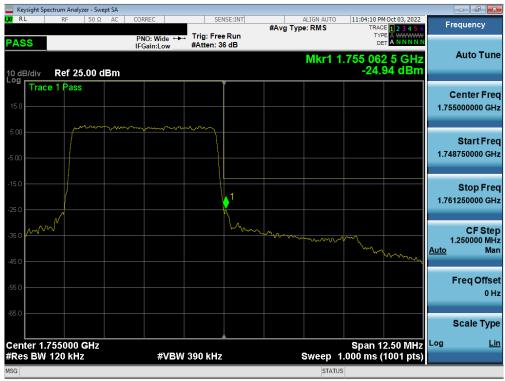
Plot 7-345. Lower Band Edge Plot (LTE Band 66/4 - 5MHz QPSK - Full RB - Ant F)



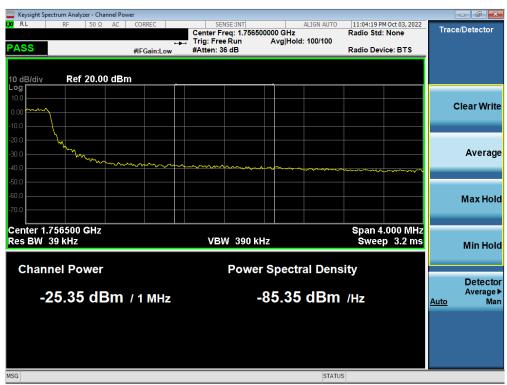
Plot 7-346. Lower Extended Band Edge Plot (LTE Band 66/4 - 5MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 202 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 202 01 322





Plot 7-347. Upper Band Edge Plot (LTE Band 4 - 5MHz QPSK - Full RB - Ant F)



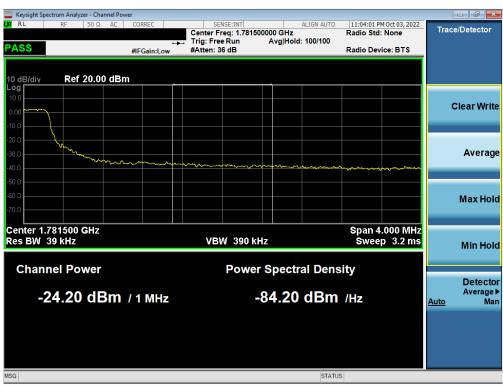
Plot 7-348. Upper Extended Band Edge Plot (LTE Band 4 - 5MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 203 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 203 01 322	





Plot 7-349. Upper Band Edge Plot (LTE Band 66 - 5MHz QPSK - Full RB - Ant F)



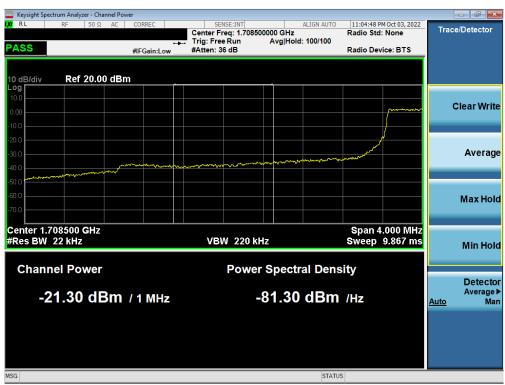
Plot 7-350. Upper Extended Band Edge Plot (LTE Band 66 - 5MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 204 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	raye 204 01 322	





Plot 7-351. Lower Band Edge Plot (LTE Band 66/4 - 3MHz QPSK - Full RB - Ant F)



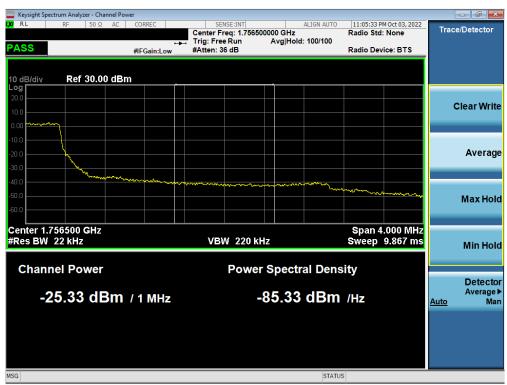
Plot 7-352. Lower Extended Band Edge Plot (LTE Band 66/4 - 3MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 205 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	F aye 203 01 322	





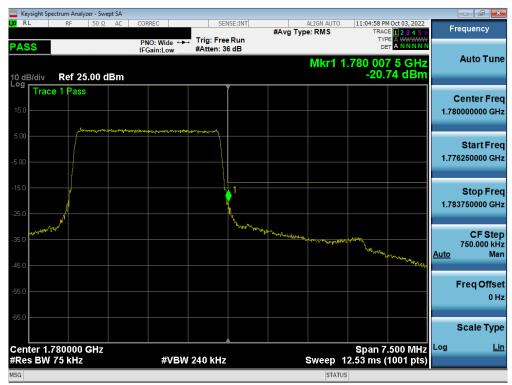
Plot 7-353. Upper Band Edge Plot (LTE Band 4 - 3MHz QPSK - Full RB - Ant F)



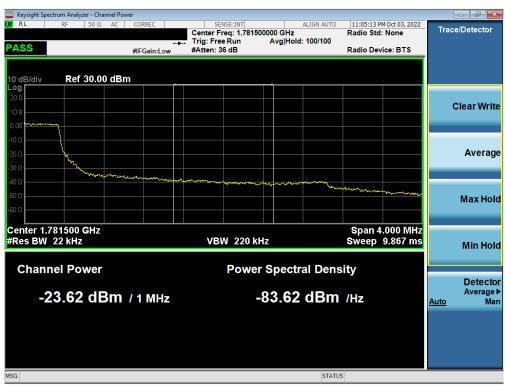
Plot 7-354. Upper Extended Band Edge Plot (LTE Band 4 - 3MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 206 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 200 01 322	





Plot 7-355. Upper Band Edge Plot (LTE Band 66 - 3MHz QPSK - Full RB - Ant F)



Plot 7-356. Upper Extended Band Edge Plot (LTE Band 66 - 3MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 207 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 207 01 322

© 2022 ELEMENT

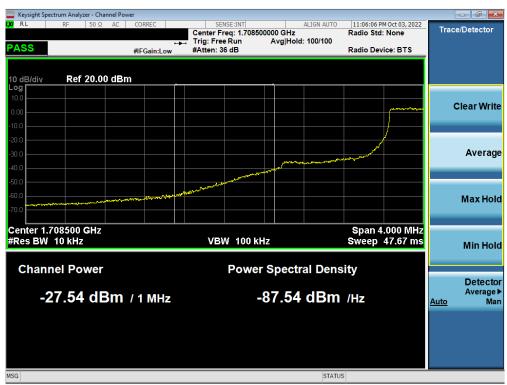
V11.0 9/14/2022

Library at the property of this country of this country of the property of th





Plot 7-357. Lower Band Edge Plot (LTE Band 66/4 - 1.4MHz QPSK - Full RB - Ant F)



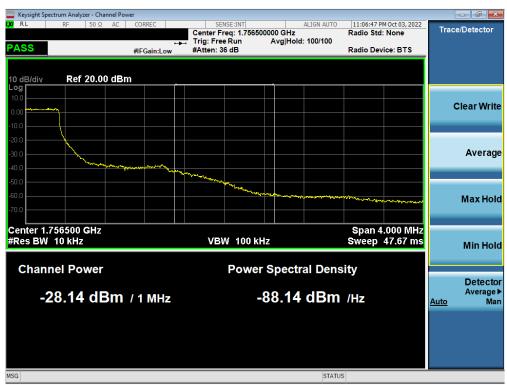
Plot 7-358. Lower Extended Band Edge Plot (LTE Band 66/4 - 1.4MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 208 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	F aye 200 01 322	





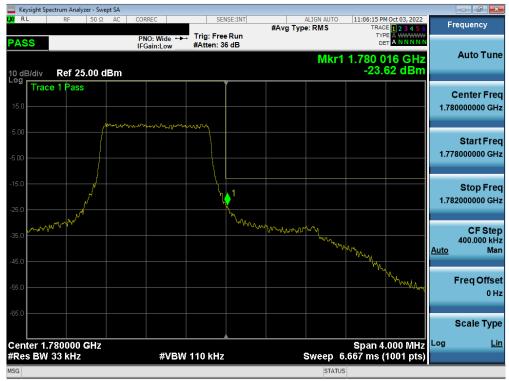
Plot 7-359. Upper Band Edge Plot (LTE Band 4 - 1.4MHz QPSK - Full RB - Ant F)



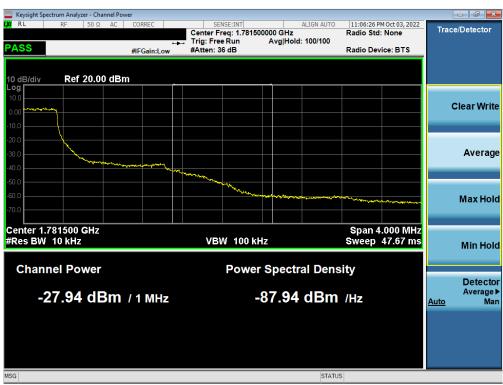
Plot 7-360. Upper Extended Band Edge Plot (LTE Band 4 - 1.4MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 209 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 209 01 322





Plot 7-361. Upper Band Edge Plot (LTE Band 66 - 1.4MHz QPSK - Full RB - Ant F)



Plot 7-362. Upper Extended Band Edge Plot (LTE Band 66 - 1.4MHz QPSK - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 210 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 210 01 322	



### NR Band n66 - Ant F



Plot 7-363. Lower Band Edge Plot (NR Band n66 - 40.0MHz - Full RB - Ant F)



Plot 7-364. Lower Extended Band Edge Plot (NR Band n66 - 40.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 211 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 211 01 322	





Plot 7-365. Upper Band Edge Plot (NR Band n66 - 40.0MHz - Full RB - Ant F)



Plot 7-366. Upper Extended Band Edge Plot (NR Band n66 - 40.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 212 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 212 01 322	





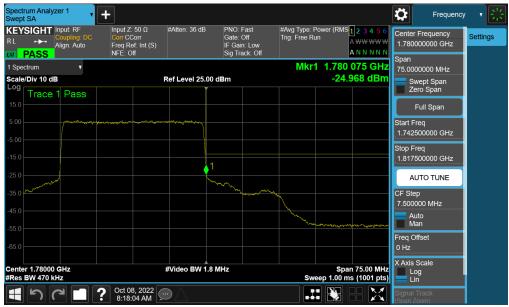
Plot 7-367. Lower Band Edge Plot (NR Band n66 - 30.0MHz - Full RB - Ant F)



Plot 7-368. Lower Extended Band Edge Plot (NR Band n66 - 30.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 213 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 213 01 322	





Plot 7-369. Upper Band Edge Plot (NR Band n66 - 30.0MHz - Full RB - Ant F)



Plot 7-370. Upper Extended Band Edge Plot (NR Band n66 - 30.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 214 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	raye 214 01 322	





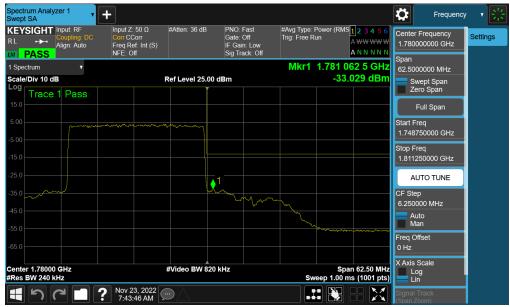
Plot 7-371. Lower Band Edge Plot (NR Band n66 - 25.0MHz - Full RB - Ant F)



Plot 7-372. Lower Extended Band Edge Plot (NR Band n66 - 25.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 215 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 213 01 322	





Plot 7-373. Upper Band Edge Plot (NR Band n66 - 25.0MHz - Full RB - Ant F)



Plot 7-374. Upper Extended Band Edge Plot (NR Band n66 - 25.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 216 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 210 01 322	





Plot 7-375. Lower Band Edge Plot (NR Band n66 - 20.0MHz - Full RB - Ant F)



Plot 7-376. Lower Extended Band Edge Plot (NR Band n66 - 20.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 217 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 217 01 322	





Plot 7-377. Upper Band Edge Plot (NR Band n66 - 20.0MHz - Full RB - Ant F)



Plot 7-378. Upper Extended Band Edge Plot (NR Band n66 - 20.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 218 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 210 01 322	





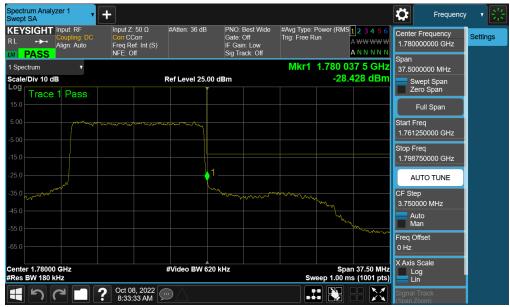
Plot 7-379. Lower Band Edge Plot (NR Band n66 - 15.0MHz - Full RB - Ant F)



Plot 7-380. Lower Extended Band Edge Plot (NR Band n66 - 15.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 219 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 219 01 322	





Plot 7-381. Upper Band Edge Plot (NR Band n66 - 15.0MHz - Full RB - Ant F)



Plot 7-382. Upper Extended Band Edge Plot (NR Band n66 - 15.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates: EUT Type:		Page 220 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Fage 220 01 322





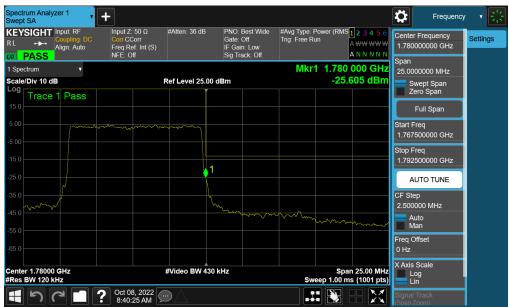
Plot 7-383. Lower Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant F)



Plot 7-384. Lower Extended Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates: EUT Type:		Page 221 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 221 01 322





Plot 7-385. Upper Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant F)



Plot 7-386. Upper Extended Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates: EUT Type:		Page 222 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 222 01 322





Plot 7-387. Lower Band Edge Plot (NR Band n66 - 5.0MHz - Full RB - Ant F)



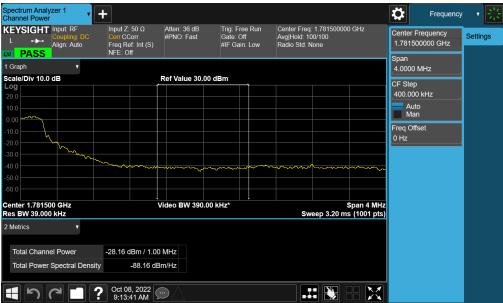
Plot 7-388. Lower Extended Band Edge Plot (NR Band n66 - 5.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 223 of 322	
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Page 223 01 322	





Plot 7-389. Upper Band Edge Plot (NR Band n66 - 5.0MHz - Full RB - Ant F)

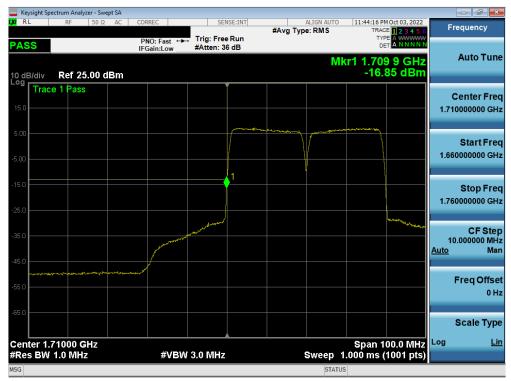


Plot 7-390. Upper Extended Band Edge Plot (NR Band n66 - 5.0MHz - Full RB - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates: EUT Type:		Page 224 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	raye 224 01 322



# Uplink CA LTE Band 66B/C - Ant F



Plot 7-391. Lower Band Edge Plot (ULCA LTE Band 66 - Ant F)



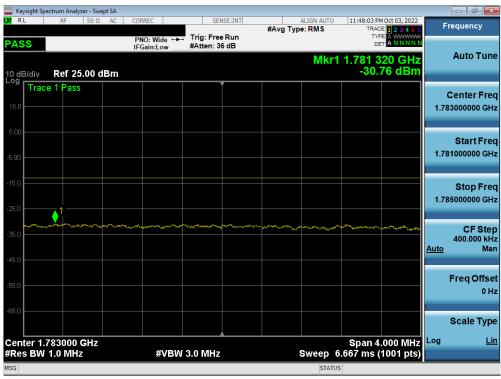
Plot 7-392. Lower Extended Band Edge Plot (ULCA LTE Band 66 - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 225 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 223 01 322





Plot 7-393. Upper Band Edge Plot (ULCA LTE Band 66 - Ant F)



Plot 7-394. Upper Extended Band Edge Plot (ULCA LTE Band 66 - Ant F)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 226 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 220 01 322



## 7.6 Peak-Average Ratio

#### **Test Overview**

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

#### **Test Procedure Used**

ANSI C63.26-2015 - Section 5.2.3.4

## **Test Settings**

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

#### **Test Setup**

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



Figure 7-5. Test Instrument & Measurement Setup

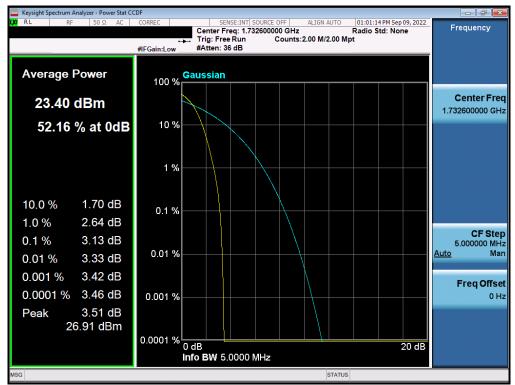
### **Test Notes**

None.

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates: EUT Type:		Page 227 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 221 01 322



## WCDMA AWS - Ant A

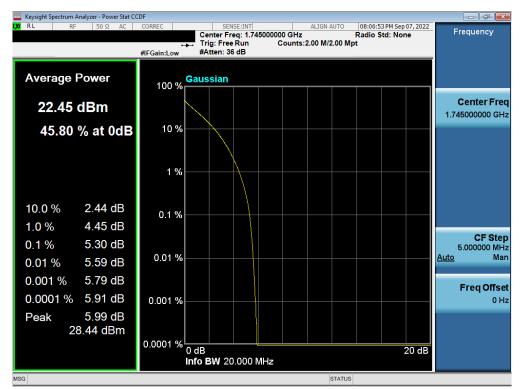


Plot 7-395. PAR Plot (WCDMA, Ch. 1413 - Ant A)

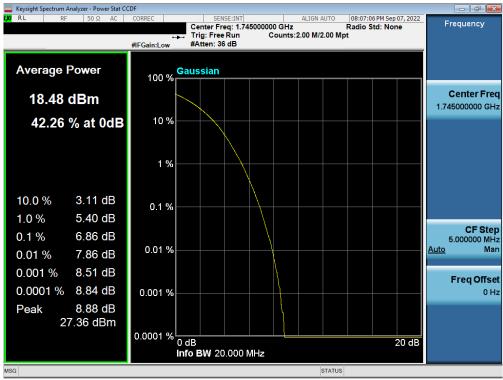
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 228 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Page 226 01 322



## LTE Band 66/4 - Ant A



Plot 7-396. PAR Plot (LTE Band 66/4 - 20MHz QPSK - Full RB - Ant A)

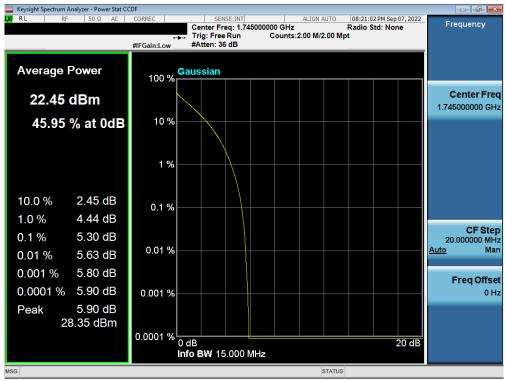


Plot 7-397. PAR Plot (LTE Band 66/4 - 20MHz 256-QAM - Full RB - Ant A)

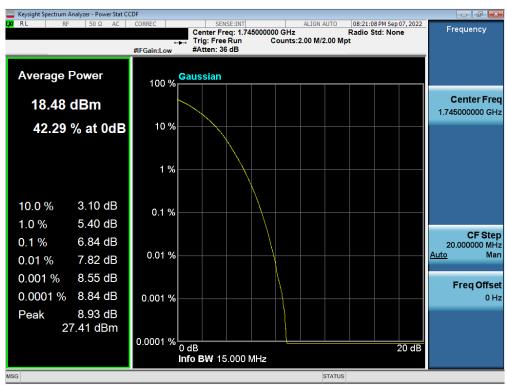
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 229 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	Faye 229 01 322

© 2022 ELEMENT





Plot 7-398. PAR Plot (LTE Band 66/4 - 15MHz QPSK - Full RB - Ant A)



Plot 7-399. PAR Plot (LTE Band 66/4 - 15MHz 256-QAM - Full RB - Ant A)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates: EUT Type:		Page 230 of 322
1M2209010096-03.A3L	9/05/2022 - 11/22/2022	Portable Handset	raye 230 01 322