



Plot 8-313. Band Edge Emission Summary Data Plot (NR n5_2C_5M+5M_QPSK - Low Channel_2T, Port 1)



Plot 8-315. Band Edge Emission Summary Data Plot (NR n5_2C_10M+15M_QPSK - Low Channel_2T, Port 1)



Plot 8-317. Band Edge Emission Summary Data Plot (NR n5_2NC_10M+15M_QPSK - Low Channel_2T, Port 1)



Plot 8-314. Band Edge Emission Summary Data Plot (NR n5_2C_5M+5M_16QAM - High Channel_2T, Port 1)



Plot 8-316. Band Edge Emission Summary Data Plot (NR n5_2C_10M+15M_16QAM - High Channel_2T, Port 1)



Plot 8-318. Band Edge Emission Summary Data Plot (NR n5_2NC_10M+15M_ QPSK - High Channel_2T, Port 1)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 181 of 394
8K23040701-00-R1.A3L	04/12/2023 - 05/26/2023	RRU(RF4461d)	rage for 01 394





Plot 8-319. Band Edge Emission Summary Data Plot (MSR 2C_DSS B(n)5_1C_10M+LTE B5_1C_5M_QPSK - Low Channel 2T, Port 0)



Plot 8-321. Band Edge Emission Summary Data Plot (MSR 3C_DSS B(n)5_2C_10M+10M+LTE B5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-323. Band Edge Emission Summary Data Plot (MSR 2NC_DSS B(n)5_1C_10M+LTE B5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-320. Band Edge Emission Summary Data Plot (MSR 2C_DSS B(n)5_1C_10M+LTE B5_1C_5M_16QAM - High Channel 2T, Port 1)



Plot 8-322. Band Edge Emission Summary Data Plot (MSR 3C_DSS B(n)5_2C_10M+10M+LTE B5_1C_5M_16QAM - High Channel_2T, Port 1)



Plot 8-324. Band Edge Emission Summary Data Plot (MSR 2NC_DSS B(n)5_1C_10M+LTE B5_1C_5M_QPSK - High Channel_2T, Port 1)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 182 of 394
8K23040701-00-R1.A3L	04/12/2023 - 05/26/2023	RRU(RF4461d)	Faye 102 01 394





Plot 8-325. Band Edge Emission Summary Data Plot (MSR 2C_NR n5_1C_5M+LTE B5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-327. Band Edge Emission Summary Data Plot (MSR 3C_NR n5_2C_10M+10M+LTE B5_1C_5M_16QAM - Low Channel_2T, Port 1)



Plot 8-329. Band Edge Emission Summary Data Plot (MSR 2NC_NR n5_1C_5M+LTE B5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-326. Band Edge Emission Summary Data Plot (MSR 2C_NR n5_1C_5M+LTE B5_1C_5M_QPSK - High Channel_2T, Port 1)



Plot 8-328. Band Edge Emission Summary Data Plot (MSR 3C_NR n5_2C_10M+10M+LTE B5_1C_5M_QPSK - High Channel_2T, Port 1)



Plot 8-330. Band Edge Emission Summary Data Plot (MSR 2NC_NR n5_1C_5M+LTE B5_1C_5M_QPSK - High Channel_2T, Port 1)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 183 of 394
8K23040701-00-R1.A3L	04/12/2023 - 05/26/2023	RRU(RF4461d)	Faye 103 01 394





Plot 8-331. Band Edge Emission Summary Data Plot (MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_5M_QPSK - Low Channel 2T, Port 1)



Plot 8-333. Band Edge Emission Summary Data Plot (MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_15M_QPSK - Low Channel_2T, Port 1)



Plot 8-335. Band Edge Emission Summary Data Plot (MSR 2NC_DSS B(n)5_1C_10M+NR n5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-332. Band Edge Emission Summary Data Plot (MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_5M_QPSK - High Channel 2T, Port 1)



Plot 8-334. Band Edge Emission Summary Data Plot (MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_15M_QPSK - High Channel_2T, Port 1)



Plot 8-336. Band Edge Emission Summary Data Plot (MSR 2NC_DSS B(n)5_1C_10M+NR n5_1C_5M_QPSK - High Channel_2T, Port 1)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 184 of 394
8K23040701-00-R1.A3L	04/12/2023 - 05/26/2023	RRU(RF4461d)	raye 104 01 394





Plot 8-337. Band Edge Emission Summary Data Plot (MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE B5_1C_5M_QPSK -Low Channel 2T, Port 1)



Plot 8-339. Band Edge Emission Summary Data Plot (MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_10M+LTE B5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-341. Band Edge Emission Summary Data Plot (MSR 3NC_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE B5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-338. Band Edge Emission Summary Data Plot (MSR 3C_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE B5_1C_5M_16QAM - High Channel_2T, Port 1)



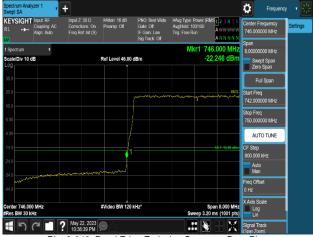
Plot 8-340. Band Edge Emission Summary Data Plot (MSR 3C_DSS B(n)5_2C_10M+10M+LTE B5_1C_5M_QPSK - High Channel_2T, Port 1)



Plot 8-342. Band Edge Emission Summary Data Plot (MSR 3NC_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE B5_1C_5M_QPSK - High Channel_2T, Port 1)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 185 of 394
8K23040701-00-R1.A3L	04/12/2023 - 05/26/2023	RRU(RF4461d)	Fage 103 01 394







1 9 C 2 1 12:07:45 PM Plot 8-345. Band Edge Emission Summary Data Plot (LTE B13_1C_10M_256QAM - Low Channel_2T, Port 0)

Span 8.000 MH: Sweep 3.20 ms (1001 pts

.: N

Log Lin

#Video BW 120 kHz*

enter 746.000 MHz Res BW 30 kHz



Plot 8-347. Band Edge Emission Summary Data Plot (LTE B13_2C_5M+5M_QPSK - Low Channel_2T, Port 0)



Plot 8-344. Band Edge Emission Summary Data Plot (LTE B13_1C_5M_64QAM - High Channel_2T, Port 1)



Plot 8-346. Band Edge Emission Summary Data Plot (LTE B13_1C_10M_256QAM - High Channel_2T, Port 1)



Plot 8-348. Band Edge Emission Summary Data Plot (LTE B13_2C_5M+5M_16QAM - High Channel_2T, Port 1)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 186 of 394
8K23040701-00-R1.A3L	04/12/2023 - 05/26/2023	RRU(RF4461d)	Fage 100 01 394









Plot 8-351. Band Edge Emission Summary Data Plot (B13_10M(LTE)+NB-loT(2GB)_1C_QPSK - Low Channel _2T, Port 0)



Plot 8-353. Band Edge Emission Summary Data Plot (LTE B13_1C_10M+B5_1C_10M_QPSK – Low Channel _2T, Port 0)



Plot 8-350. Band Edge Emission Summary Data Plot (LTE B13_1C_5M+NB-IoT(1IB)_QPSK – High Channel _2T, Port 1)



Plot 8-352. Band Edge Emission Summary Data Plot (B13_10M(LTE)+NB-IoT(2GB)_1C_QPSK - High Channel _2T, Port 0)



Plot 8-354. Band Edge Emission Summary Data Plot (LTE B13_1C_10M+B5_1C_10M_QPSK – High Channel _2T, Port 0)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 187 of 394
8K23040701-00-R1.A3L	04/12/2023 - 05/26/2023	RRU(RF4461d)	Faye 107 01 394







Plot 8-357. Band Edge Emission Summary Data Plot (LTE B5_1C_5M_64QAM - Low Channel_4T, Port 1)

.:: 💸

 Mode
 Trace
 Scale
 X
 Y
 Function

 N
 1
 f
 868.975 0 MHz
 -42.95 dBm
 Band Power

4 S C Apr 13, 2023 S 2:10:16 PM



Plot 8-359. Band Edge Emission Summary Data Plot (LTE B5_1C_10M_16QAM - Low Channel_4T, Port 1)



Plot 8-356. Band Edge Emission Summary Data Plot (LTE B13_2C_5M+5M+DSS B(n)5_1C_10M+NR n5_1C_10M+LTE



Plot 8-358. Band Edge Emission Summary Data Plot (LTE B5_1C_5M_256QAM - High Channel_4T, Port 1)



Plot 8-360. Band Edge Emission Summary Data Plot (LTE B5_1C_10M_256QAM - High Channel_4T, Port 2)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 188 of 394
8K23040701-00-R1.A3L	04/12/2023 - 05/26/2023	RRU(RF4461d)	Page 100 01 394









Plot 8-363. Band Edge Emission Summary Data Plot (LTE B5_3C_5M+10M+10M_QPSK - Low Channel_4T, Port 1)



Plot 8-365. Band Edge Emission Summary Data Plot (LTE B5_2NC_5M+5M_QPSK - Low Channel_2T, Port 0)



Plot 8-362. Band Edge Emission Summary Data Plot (LTE B5_2C_5M+5M_QPSK - High Channel_4T, Port 1)



Plot 8-364. Band Edge Emission Summary Data Plot (LTE B5_3C_5M+10M+10M_16QAM - High Channel_4T, Port 2)



Plot 8-366. Band Edge Emission Summary Data Plot (LTE B5_2NC_5M+5M_QPSK - High Channel_4T, Port 3)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 189 of 394
8K23040701-00-R1.A3L	04/12/2023 - 05/26/2023	RRU(RF4461d)	Fage 109 01 394









Plot 8-369. Band Edge Emission Summary Data Plot (DSS B(n)5_10M(8:2 Ratio)_1C_QPSK - Low Channel_4T, Port 2)



Plot 8-371. Band Edge Emission Summary Data Plot (DSS B(n)5_10M(4:6 Ratio)_1C_16QAM - Low Channel_4T, Port 2)



Plot 8-368. Band Edge Emission Summary Data Plot (DSS B(n)5_10M(9:1 Ratio)_1C_16QAM - High Channel_4T, Port 1)



Plot 8-370. Band Edge Emission Summary Data Plot (DSS B(n)5_10M(8:2 Ratio)_1C_256QAM - High Channel_4T, Port 1)



Plot 8-372. Band Edge Emission Summary Data Plot (DSS B(n)5_10M(4:6 Ratio)_1C_256QAM - High Channel_4T, Port 0)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 190 of 394
8K23040701-00-R1.A3L	04/12/2023 - 05/26/2023	RRU(RF4461d)	Fage 130 01 334