



Plot 8-313. Band Edge Emission Summary Data Plot



Plot 8-315. Band Edge Emission Summary Data Plot (NR n5_2NC_5M+5M_QPSK - Low Channel_2T, Port 1)



Plot 8-317. Band Edge Emission Summary Data Plot (NR n5_2C_10M+15M_QPSK - Low Channel_2T, Port 1)



Plot 8-314. Band Edge Emission Summary Data Plot



Plot 8-316. Band Edge Emission Summary Data Plot (NR n5_2NC_5M+5M_QPSK - High Channel_2T, Port 1)



Plot 8-318. Band Edge Emission Summary Data Plot (NR n5_2C_10M+15M_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 182 of 404
8K23073101-00.A3L	04/12/2023 - 08/03/2023	RRU(RF4461d)	raye 102 01 404





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 2NC_DSS B(n)5_1C_10M+LTE B5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-323. 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 8-320. 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 2NC_DSS B(n)5_1C_10M+LTE B5_1C_5M_QPSK - High Channel_2T, Port 1)



Plot 8-324. 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)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 183 of 404
8K23073101-00.A3L	04/12/2023 - 08/03/2023	RRU(RF4461d)	Fage 103 01 404





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 2NC_NR n5_1C_5M+LTE B5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-329. Band Edge Emission Summary Data Plot (MSR 3C_NR n5_2C_10M+10M+LTE B5_1C_5M_16QAM - Low Channel_2T, Port 1)



Plot 8-326. 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 2NC_NR n5_1C_5M+LTE B5_1C_5M_QPSK - High Channel_2T, Port 1)



Plot 8-330. Band Edge Emission Summary Data Plot (MSR 3C_NR n5_2C_10M+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 184 of 404
8K23073101-00.A3L	04/12/2023 - 08/03/2023	RRU(RF4461d)	Fage 104 01 404





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 2NC_DSS B(n)5_1C_10M+NR n5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-335. 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 8-332. 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 2NC_DSS B(n)5_1C_10M+NR n5_1C_5M_QPSK - High Channel_2T, Port 1)



Plot 8-336. Band Edge Emission Summary Data Plot (MSR 2C_DSS B(n)5_1C_10M+NR n5_1C_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 185 of 404
8K23073101-00.A3L	04/12/2023 - 08/03/2023	RRU(RF4461d)	Fage 165 01 404





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 3NC_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE B5_1C_5M_QPSK - Low Channel_2T, Port 1)



Plot 8-341. 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 8-338. 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)



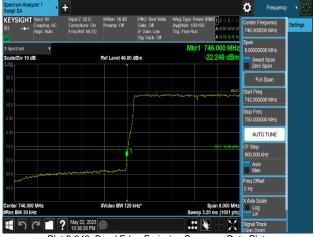
Plot 8-340. Band Edge Emission Summary Data Plot (MSR 3NC_DSS B(n)5_1C_10M+NR n5_1C_5M+LTE B5_1C_5M_QPSK - High Channel_2T, Port 1)



Plot 8-342. 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)

FCC ID: A3LRF4461D-13A	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 186 of 404
8K23073101-00.A3L	04/12/2023 - 08/03/2023	RRU(RF4461d)	Fage 100 01 404





Plot 8-343. Band Edge Emission Summary Data Plot



Plot 8-345. Band Edge Emission Summary Data Plot (LTE B13_1C_10M_256QAM - Low Channel_2T, Port 0)



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



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 187 of 404
8K23073101-00.A3L	04/12/2023 - 08/03/2023	RRU(RF4461d)	raye 107 01 404





(LTE B13_1C_5M+NB-loT(IB)_QPSK – Low Channel _2T, Port 1)



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-loT(1IB)_QPSK – High Channel _2T, Port 1)



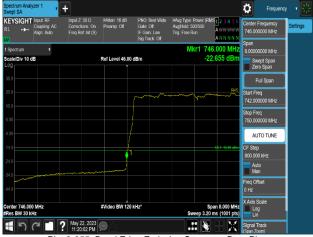
Plot 8-352. Band Edge Emission Summary Data Plot (B13_10M(LTE)+NB-IoT(2GB)_1C_QPSK - High Channel _2T, Port 0)



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:	Dogo 199 of 404
8K23073101-00.A3L	04/12/2023 - 08/03/2023	RRU(RF4461d)	Page 188 of 404





Plot 8-355. Band Edge Emission Summary Data Plot (LTE B13_2C_5M+5M+DSS B(n)5_1C_10M+NR n5_1C_10M+LTE B5_1C_5M_QPSK - Low Channel 2T, Port 0)



Plot 8-357. Band Edge Emission Summary Data Plot (LTE B5 1C 5M 64QAM - Low Channel 4T, Port 1)



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 B5_1C_5M_QPSK – High Channel _2T, Port 0)



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 189 of 404
8K23073101-00.A3L	04/12/2023 - 08/03/2023	RRU(RF4461d)	Faye 109 01 404





Plot 8-361. Band Edge Emission Summary Data Plot (LTE B5_2C_5M+5M_QPSK - Low Channel_4T, Port 1)



Plot 8-363. Band Edge Emission Summary Data Plot (LTE B5_2NC_5M+5M_QPSK - Low Channel_2T, Port 0)



Plot 8-365. Band Edge Emission Summary Data Plot (LTE B5_3C_5M+10M+10M_QPSK - Low Channel_4T, Port 1)



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_2NC_5M+5M_QPSK - High Channel_4T, Port 3)



Plot 8-366. Band Edge Emission Summary Data Plot (LTE B5_3C_5M+10M+10M_16QAM - 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 190 of 404
8K23073101-00.A3L	04/12/2023 - 08/03/2023	RRU(RF4461d)	raye 190 01 404





Plot 8-367. Band Edge Emission Summary Data Plot (DSS B(n)5_10M(9:1 Ratio)_1C_256QAM - Low Channel_4T, Port 2)



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 191 of 404
8K23073101-00.A3L	04/12/2023 - 08/03/2023	RRU(RF4461d)	Fage 191 01 404