

Figure 8.2-201: Conducted band edge emission at 2110 MHz, Port A, LTE, 10 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

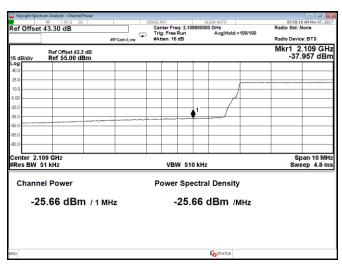


Figure 8.2-202: Conducted band edge emission at 2109 MHz, Port A, LTE, 10 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)

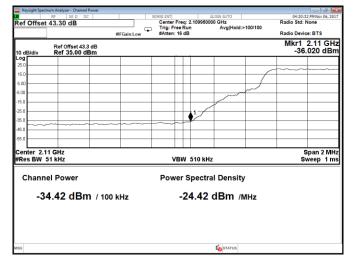


Figure 8.2-203: Conducted band edge emission at 2110 MHz, Port B, LTE, 10 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

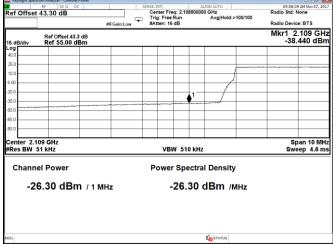


Figure 8.2-204: Conducted band edge emission at 2109 MHz, Port B, LTE, 10 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)



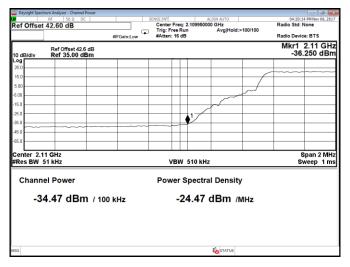


Figure 8.2-205: Conducted band edge emission at 2110 MHz, Port C, LTE, 10 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

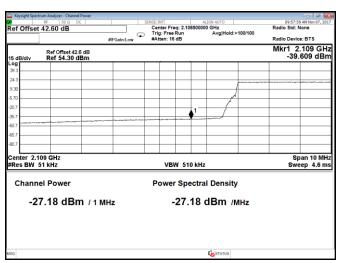


Figure 8.2-206: Conducted band edge emission at 2109 MHz,
Port C, LTE, 10 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)

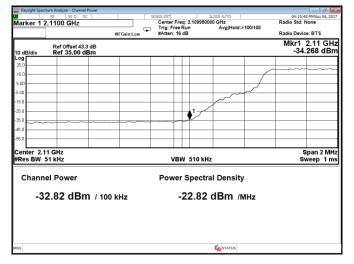


Figure 8.2-207: Conducted band edge emission at 2110 MHz, Port D, LTE, 10 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

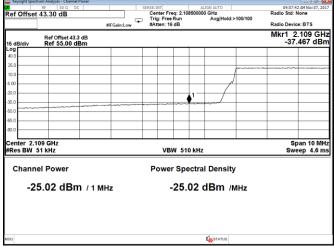


Figure 8.2-208: Conducted band edge emission at 2109 MHz, Port D, LTE, 10 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)



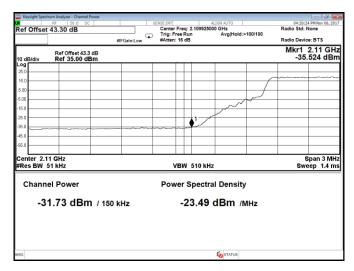


Figure 8.2-209: Conducted band edge emission at 2110 MHz, Port A, LTE, 15 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

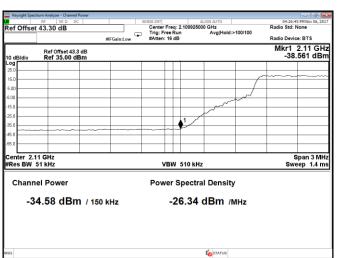


Figure 8.2-211: Conducted band edge emission at 2110 MHz, Port B, LTE, 15 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

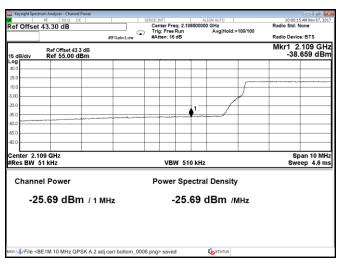


Figure 8.2-210: Conducted band edge emission at 2109 MHz, Port A, LTE, 15 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)

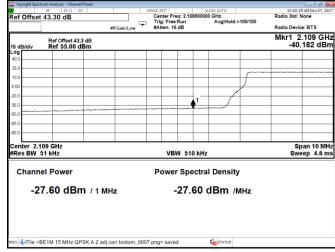


Figure 8.2-212: Conducted band edge emission at 2109 MHz, Port B, LTE, 15 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)



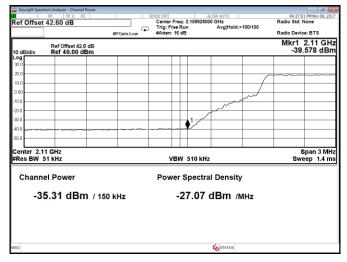


Figure 8.2-213: Conducted band edge emission at 2110 MHz,
Port C, LTE, 15 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

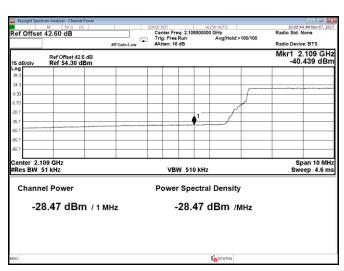


Figure 8.2-214: Conducted band edge emission at 2109 MHz, Port C, LTE, 15 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)

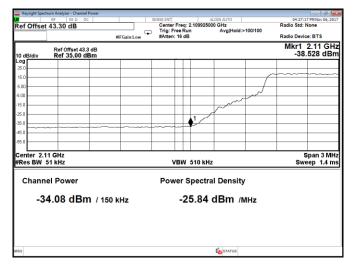


Figure 8.2-215: Conducted band edge emission at 2110 MHz, Port D, LTE, 15 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

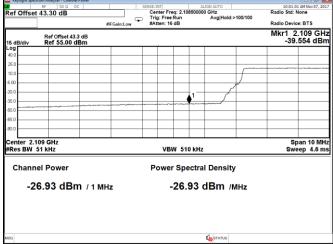


Figure 8.2-216: Conducted band edge emission at 2109 MHz, Port D, LTE, 15 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)

Specification



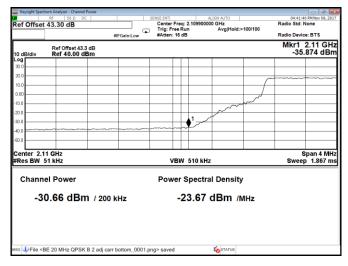


Figure 8.2-217: Conducted band edge emission at 2110 MHz, Port A, LTE, 20 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

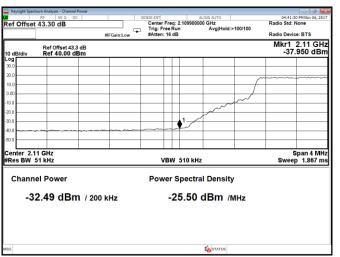


Figure 8.2-219: Conducted band edge emission at 2110 MHz, Port B, LTE, 20 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

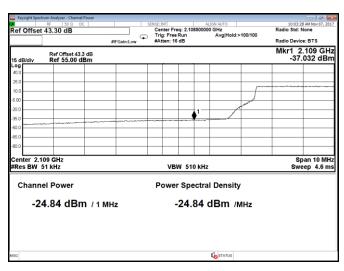


Figure 8.2-218: Conducted band edge emission at 2109 MHz, Port A, LTE, 20 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)

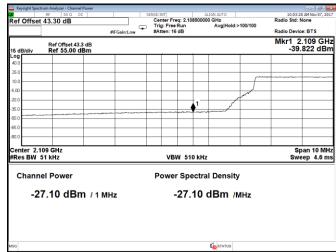


Figure 8.2-220: Conducted band edge emission at 2109 MHz, Port B, LTE, 20 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)



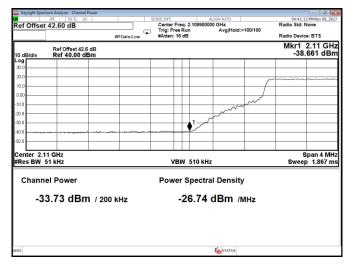


Figure 8.2-221: Conducted band edge emission at 2110 MHz, Port C, LTE, 20 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

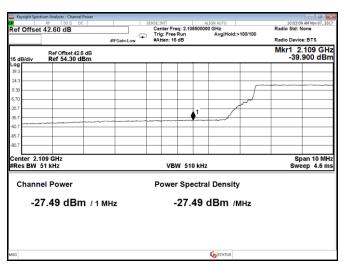


Figure 8.2-222: Conducted band edge emission at 2109 MHz,
Port C, LTE, 20 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)

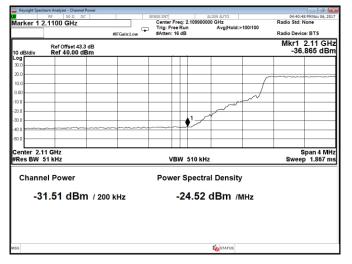


Figure 8.2-223: Conducted band edge emission at 2110 MHz, Port D, LTE, 20 MHz channel, 2 bottom carriers, QPSK (RBW = 1% of EBW)

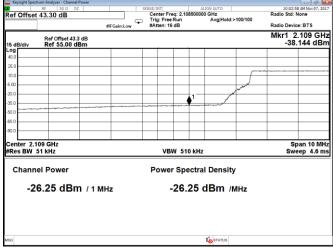


Figure 8.2-224: Conducted band edge emission at 2109 MHz, Port D, LTE, 20 MHz channel, 2 bottom carriers, QPSK (RBW = 1 MHz)



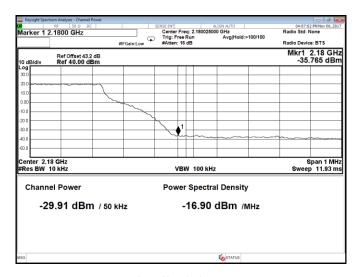


Figure 8.2-225: Conducted band edge emission at 2180 MHz, Port A, LTE, 5 MHz channel, QPSK (RBW = 1% of EBW)

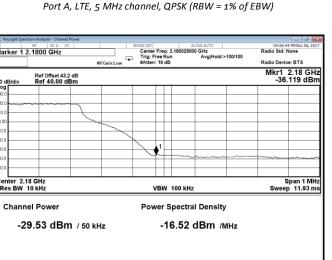


Figure 8.2-227: Conducted band edge emission at 2180 MHz, Port B, LTE, 5 MHz channel, QPSK (RBW = 1% of EBW)

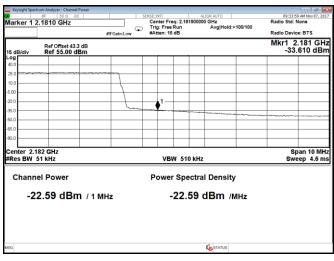


Figure 8.2-226: Conducted band edge emission at 2181 MHz, Port A, LTE, 5 MHz channel, QPSK (RBW = 1 MHz)

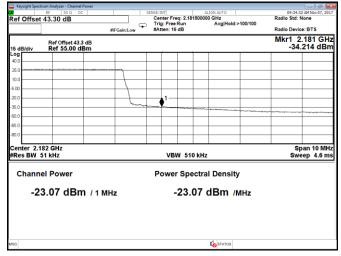


Figure 8.2-228: Conducted band edge emission at 2181 MHz, Port B, LTE, 5 MHz channel, QPSK (RBW = 1 MHz)



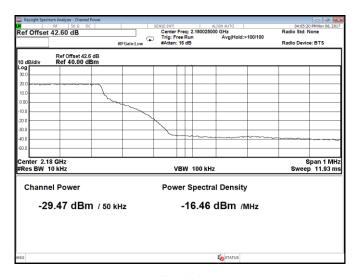


Figure 8.2-229: Conducted band edge emission at 2180 MHz, Port C, LTE, 5 MHz channel, QPSK (RBW = 1% of EBW)

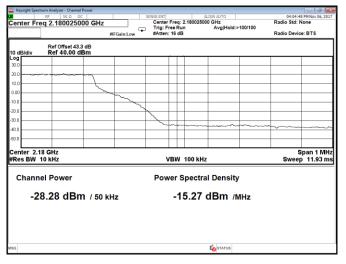


Figure 8.2-231: Conducted band edge emission at 2180 MHz, Port D, LTE, 5 MHz channel, QPSK (RBW = 1% of EBW)

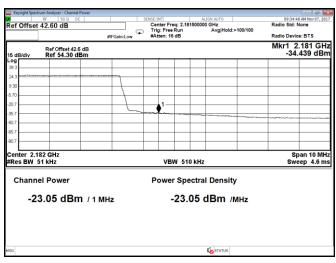


Figure 8.2-230: Conducted band edge emission at 2181 MHz, Port C, LTE, 5 MHz channel, QPSK (RBW = 1 MHz)

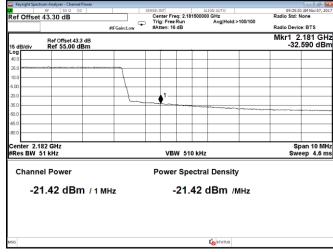


Figure 8.2-232: Conducted band edge emission at 2181 MHz, Port D, LTE, 5 MHz channel, QPSK (RBW = 1 MHz)



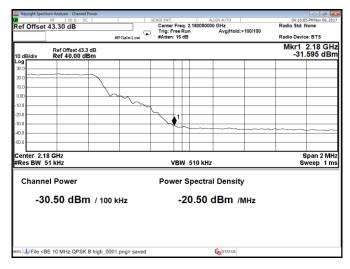


Figure 8.2-233: Conducted band edge emission at 2180 MHz, Port A, LTE, 10 MHz channel, QPSK (RBW = 1% of EBW)

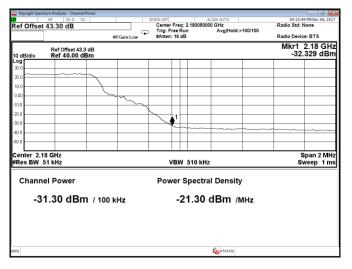


Figure 8.2-235: Conducted band edge emission at 2180 MHz, Port B, LTE, 10 MHz channel, QPSK (RBW = 1% of EBW)

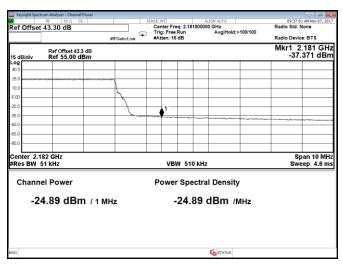


Figure 8.2-234: Conducted band edge emission at 2181 MHz, Port A, LTE, 10 MHz channel, QPSK (RBW = 1 MHz)

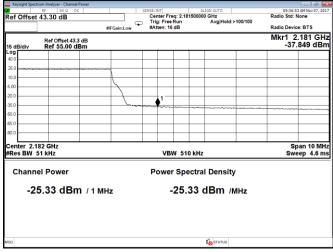


Figure 8.2-236: Conducted band edge emission at 2181 MHz, Port B, LTE, 10 MHz channel, QPSK (RBW = 1 MHz)



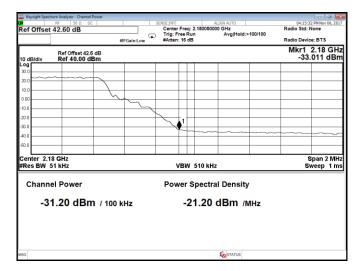


Figure 8.2-237: Conducted band edge emission at 2180 MHz, Port C, LTE, 10 MHz channel, QPSK (RBW = 1% of EBW)

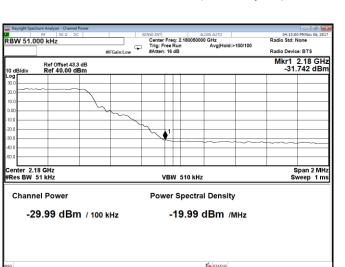


Figure 8.2-239: Conducted band edge emission at 2180 MHz, Port D, LTE, 10 MHz channel, QPSK (RBW = 1% of EBW)

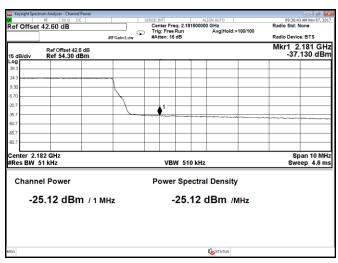


Figure 8.2-238: Conducted band edge emission at 2181 MHz, Port C, LTE, 10 MHz channel, QPSK (RBW = 1 MHz)

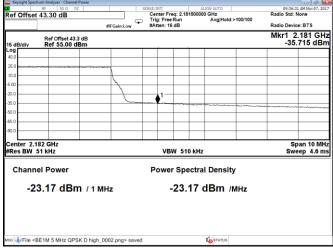


Figure 8.2-240: Conducted band edge emission at 2181 MHz, Port D, LTE, 10 MHz channel, QPSK (RBW = 1 MHz)

Section 8 Testing data

Test name

Clause 27.53 and RSS-139, 6.6 Spurious emissions at RF antenna connector

**Specification** FCC Part 27, RSS-139, Issue 3



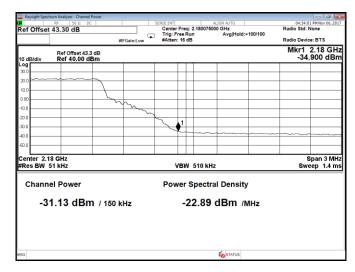


Figure 8.2-241: Conducted band edge emission at 2180 MHz, Port A, LTE, 15 MHz channel, QPSK (RBW = 1% of EBW)

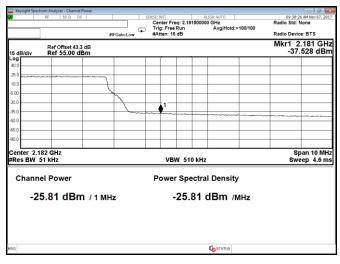


Figure 8.2-242: Conducted band edge emission at 2181 MHz, Port A, LTE, 15 MHz channel, QPSK (RBW = 1 MHz)

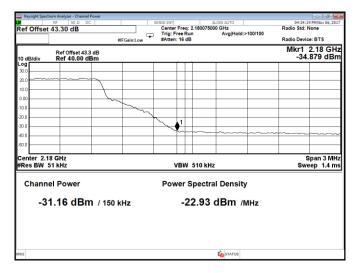


Figure 8.2-243: Conducted band edge emission at 2180 MHz, Port B, LTE, 15 MHz channel, QPSK (RBW = 1% of EBW)

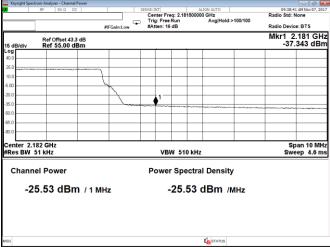


Figure 8.2-244: Conducted band edge emission at 2181 MHz, Port B, LTE, 15 MHz channel, QPSK (RBW = 1 MHz)



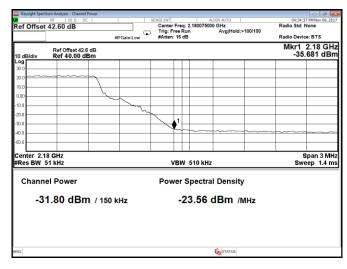


Figure 8.2-245: Conducted band edge emission at 2180 MHz, Port C, LTE, 15 MHz channel, QPSK (RBW = 1% of EBW)

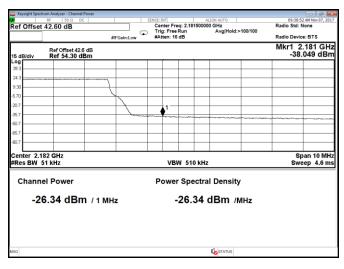


Figure 8.2-246: Conducted band edge emission at 2181 MHz, Port C, LTE, 15 MHz channel, QPSK (RBW = 1 MHz)

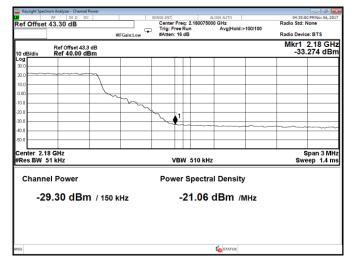


Figure 8.2-247: Conducted band edge emission at 2180 MHz, Port D, LTE, 15 MHz channel, QPSK (RBW = 1% of EBW)

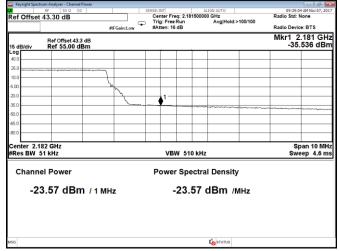


Figure 8.2-248: Conducted band edge emission at 2181 MHz, Port D, LTE, 15 MHz channel, QPSK (RBW = 1 MHz)



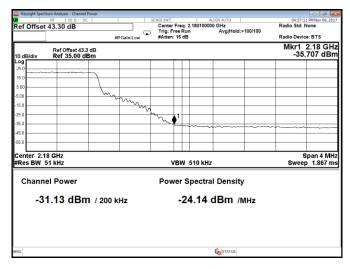


Figure 8.2-249: Conducted band edge emission at 2180 MHz, Port A, LTE, 20 MHz channel, QPSK (RBW = 1% of EBW)

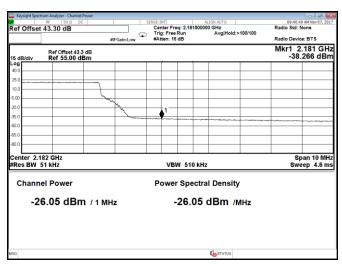


Figure 8.2-250: Conducted band edge emission at 2181 MHz, Port A, LTE, 20 MHz channel, QPSK (RBW = 1 MHz)

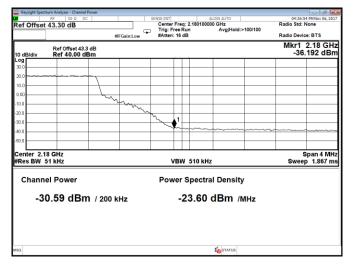


Figure 8.2-251: Conducted band edge emission at 2180 MHz, Port B, LTE, 20 MHz channel, QPSK (RBW = 1% of EBW)

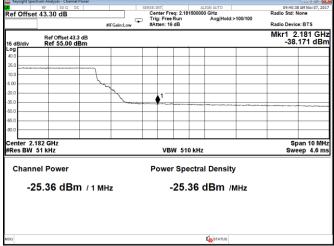


Figure 8.2-252: Conducted band edge emission at 2181 MHz, Port B, LTE, 20 MHz channel, QPSK (RBW = 1 MHz)



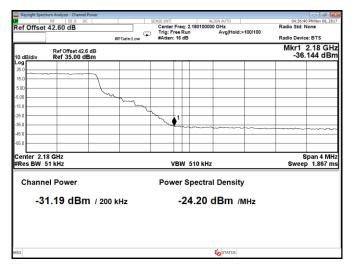


Figure 8.2-253: Conducted band edge emission at 2180 MHz, Port C, LTE, 20 MHz channel, QPSK (RBW = 1% of EBW)

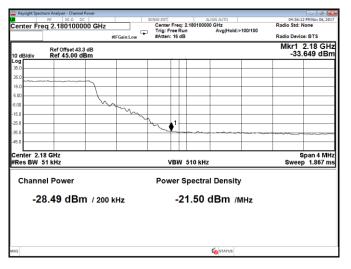


Figure 8.2-255: Conducted band edge emission at 2180 MHz, Port D, LTE, 20 MHz channel, QPSK (RBW = 1% of EBW)

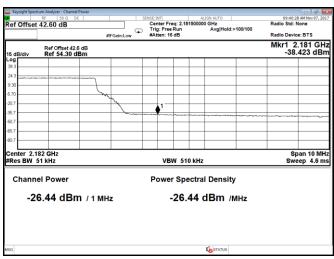


Figure 8.2-254: Conducted band edge emission at 2181 MHz, Port C, LTE, 20 MHz channel, QPSK (RBW = 1 MHz)

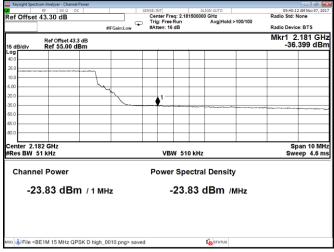


Figure 8.2-256: Conducted band edge emission at 2181 MHz, Port D, LTE, 20 MHz channel, QPSK (RBW = 1 MHz)



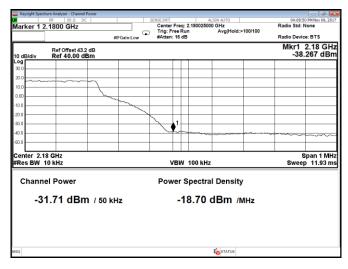


Figure 8.2-257: Conducted band edge emission at 2180 MHz, Port A, LTE, 5 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

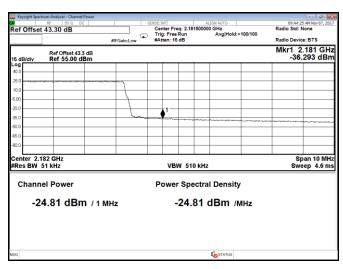


Figure 8.2-258: Conducted band edge emission at 2181 MHz, Port A, LTE, 5 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)

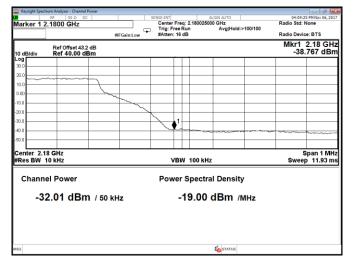


Figure 8.2-259: Conducted band edge emission at 2180 MHz, Port B, LTE, 5 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

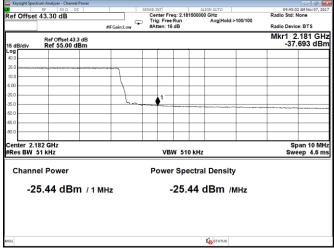


Figure 8.2-260: Conducted band edge emission at 2181 MHz, Port B, LTE, 5 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)



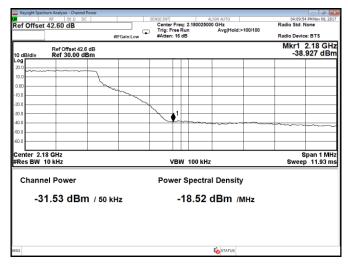


Figure 8.2-261: Conducted band edge emission at 2180 MHz, Port C, LTE, 5 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

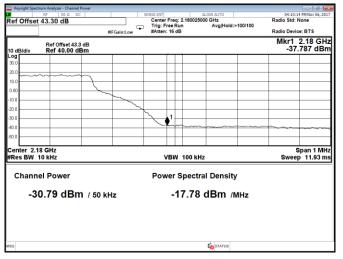


Figure 8.2-263: Conducted band edge emission at 2180 MHz, Port D, LTE, 5 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

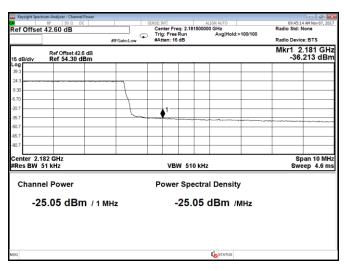


Figure 8.2-262: Conducted band edge emission at 2181 MHz, Port C, LTE, 5 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)

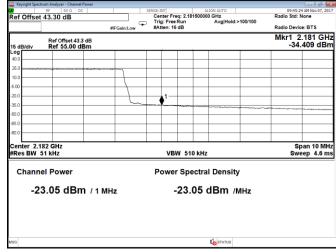


Figure 8.2-264: Conducted band edge emission at 2181 MHz, Port D, LTE, 5 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)



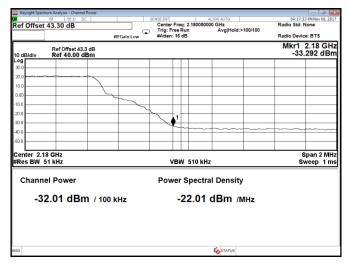


Figure 8.2-265: Conducted band edge emission at 2180 MHz, Port A, LTE, 10 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

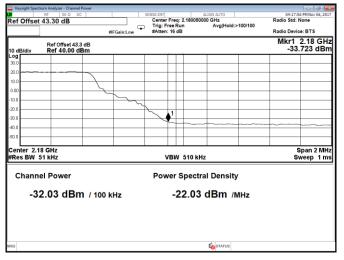


Figure 8.2-267: Conducted band edge emission at 2180 MHz, Port B, LTE, 10 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

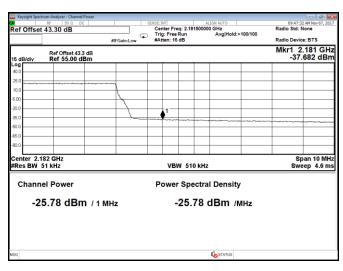


Figure 8.2-266: Conducted band edge emission at 2181 MHz, Port A, LTE, 10 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)

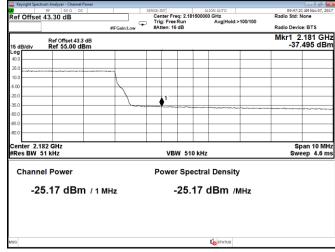


Figure 8.2-268: Conducted band edge emission at 2181 MHz, Port B, LTE, 10 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)



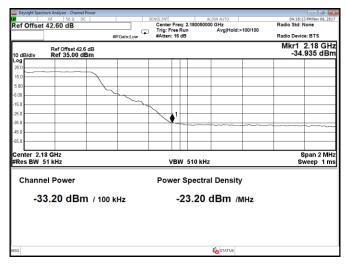


Figure 8.2-269: Conducted band edge emission at 2180 MHz, Port C, LTE, 10 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

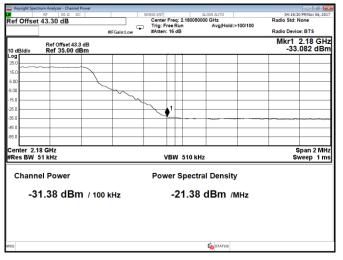


Figure 8.2-271: Conducted band edge emission at 2180 MHz, Port D, LTE, 10 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

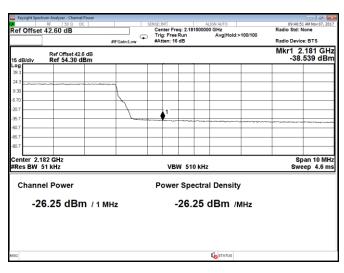


Figure 8.2-270: Conducted band edge emission at 2181 MHz, Port C, LTE, 10 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)

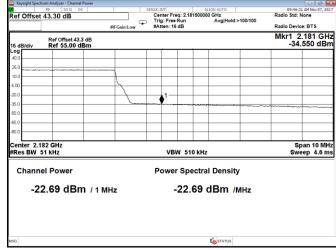


Figure 8.2-272: Conducted band edge emission at 2181 MHz, Port D, LTE, 10 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)



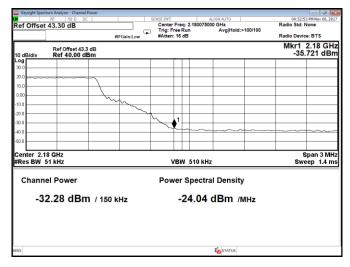
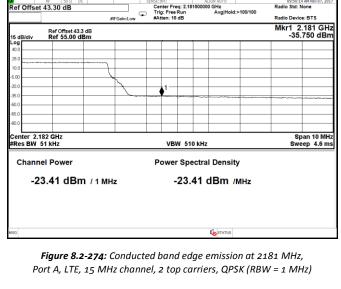


Figure 8.2-273: Conducted band edge emission at 2180 MHz, Port A, LTE, 15 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)



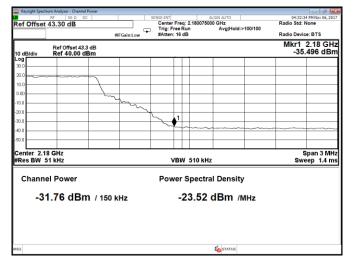


Figure 8.2-275: Conducted band edge emission at 2180 MHz, Port B, LTE, 15 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

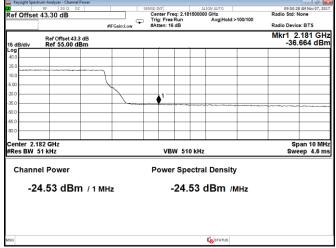


Figure 8.2-276: Conducted band edge emission at 2181 MHz, Port B, LTE, 15 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)



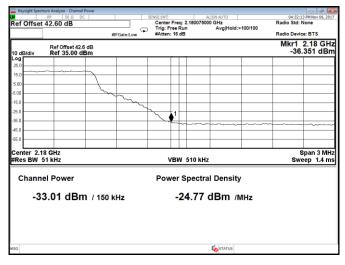


Figure 8.2-277: Conducted band edge emission at 2180 MHz, Port C, LTE, 15 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

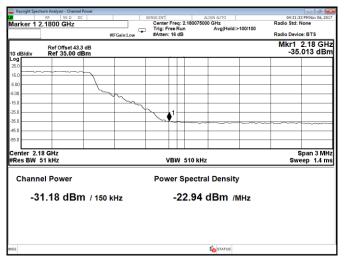


Figure 8.2-279: Conducted band edge emission at 2180 MHz, Port D, LTE, 15 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

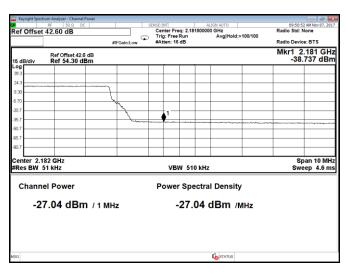


Figure 8.2-278: Conducted band edge emission at 2181 MHz,
Port C, LTE, 15 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)

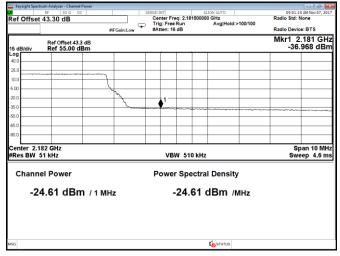


Figure 8.2-280: Conducted band edge emission at 2181 MHz, Port D, LTE, 15 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)



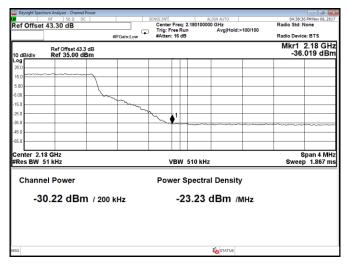


Figure 8.2-281: Conducted band edge emission at 2180 MHz, Port A, LTE, 20 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

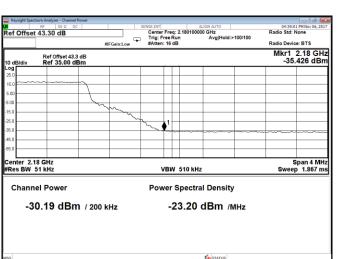


Figure 8.2-283: Conducted band edge emission at 2180 MHz, Port B, LTE, 20 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

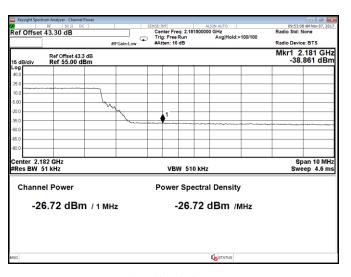


Figure 8.2-282: Conducted band edge emission at 2181 MHz, Port A, LTE, 20 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)

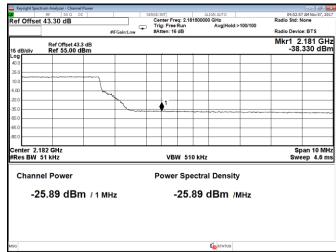


Figure 8.2-284: Conducted band edge emission at 2181 MHz, Port B, LTE, 20 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)



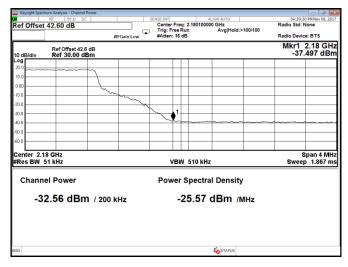


Figure 8.2-285: Conducted band edge emission at 2180 MHz, Port C, LTE, 20 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

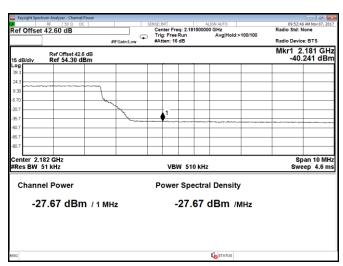


Figure 8.2-286: Conducted band edge emission at 2181 MHz, Port C, LTE, 20 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)

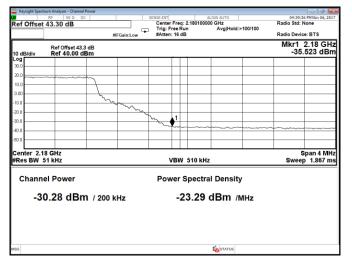


Figure 8.2-287: Conducted band edge emission at 2180 MHz, Port D, LTE, 20 MHz channel, 2 top carriers, QPSK (RBW = 1% of EBW)

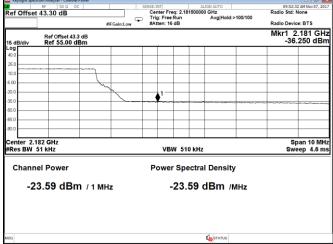


Figure 8.2-288: Conducted band edge emission at 2181 MHz, Port D, LTE, 20 MHz channel, 2 top carriers, QPSK (RBW = 1 MHz)



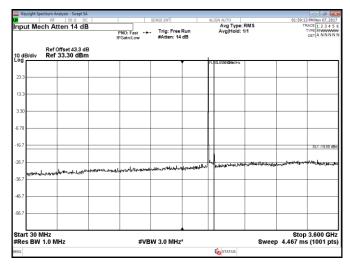


Figure 8.2-289: Conducted spurious emissions within 30–3600 MHz, Port A, WCDMA, low channel, QPSK

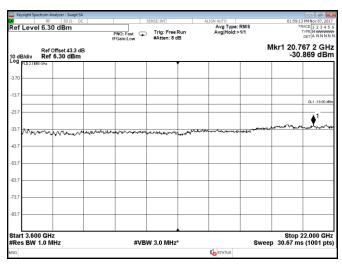


Figure 8.2-290: Conducted spurious emissions within 3600–22000 MHz, Port A, WCDMA, low channel, QPSK

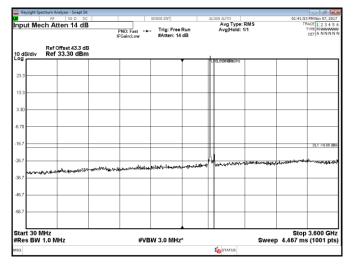


Figure 8.2-291: Conducted spurious emissions within 30–3600 MHz, Port A, WCDMA, mid channel, QPSK

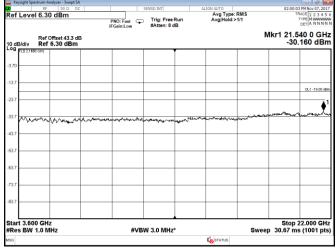


Figure 8.2-292: Conducted spurious emissions within 3600–22000 MHz, Port A, WCDMA, mid channel, QPSK

FCC Part 27, RSS-139, Issue 3



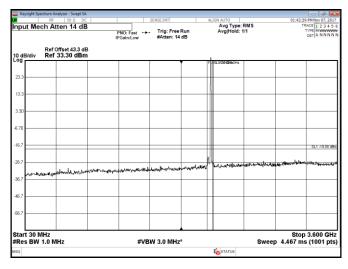


Figure 8.2-293: Conducted spurious emissions within 30–3600 MHz, Port A, WCDMA, high channel, QPSK

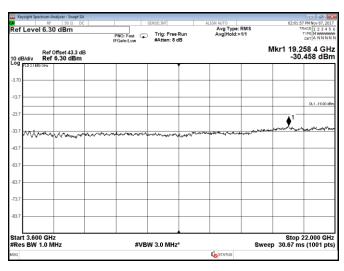


Figure 8.2-294: Conducted spurious emissions within 3600–22000 MHz, Port A, WCDMA, high channel, QPSK

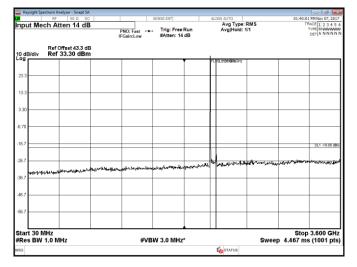


Figure 8.2-295: Conducted spurious emissions within 30–3600 MHz, Port B, WCDMA, low channel, QPSK

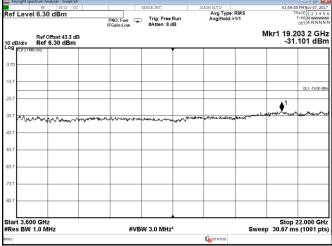


Figure 8.2-296: Conducted spurious emissions within 3600–22000 MHz, Port B, WCDMA, low channel, QPSK



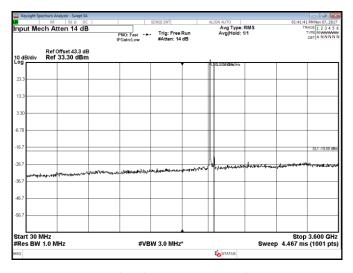


Figure 8.2-297: Conducted spurious emissions within 30–3600 MHz, Port B, WCDMA, mid channel, QPSK

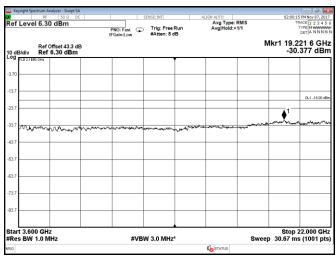


Figure 8.2-298: Conducted spurious emissions within 3600–22000 MHz, Port B, WCDMA, mid channel, QPSK

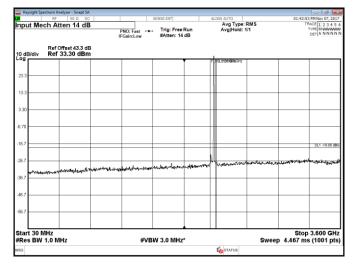


Figure 8.2-299: Conducted spurious emissions within 30–3600 MHz, Port B, WCDMA, high channel, QPSK

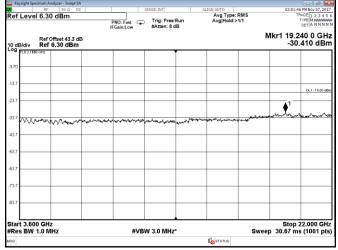


Figure 8.2-300: Conducted spurious emissions within 3600–22000 MHz, Port B, WCDMA, high channel, QPSK