

3.4 Emission Mask

3.4.1 Limit of Emission Mask

The power of any emission must be attenuated below the unmodulated carrier power (P) as follows.

- (1) On any frequency removed from the assigned frequency by more than 50 percent, but not more than 100 percent of the authorized bandwidth: At least 25 dB.
- (2) On any frequency removed from the assigned frequency by more than 100 percent, but not more than 250 percent of the authorized bandwidth: At least 35 dB.
- (3) On any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth: At least 43 + 10 log (P) dB.

3.4.2 Test Procedures

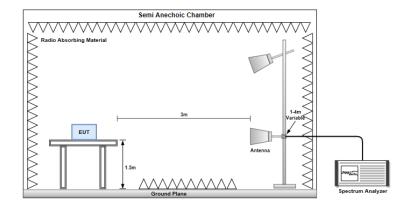
- 1. Set RBW=1% of 26dBc bandwidth, VBW=3 X RBW, detector=RMS, Sweep time = Auto.
- 2. Set EUT to transmit modulation signal to spectrum analyzer and confirm that the signal complies the limit or not.
- 3. Record the max trace value and capture the test plot.

3.4.3 Test Setup

CDD mode



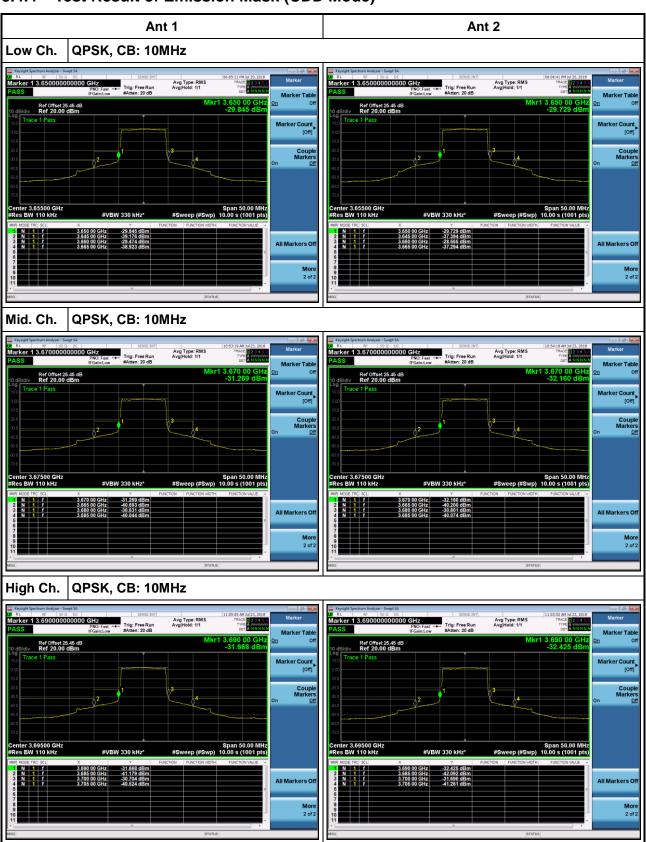
CA mode



Report No.: FL830601-01 Page: 51 of 77



3.4.4 Test Result of Emission Mask (CDD Mode)



Report No.: FL830601-01 Report Version: Rev. 01 Page: 52 of 77





Report No.: FL830601-01 Page: 53 of 77





Report No.: FL830601-01 Page: 54 of 77





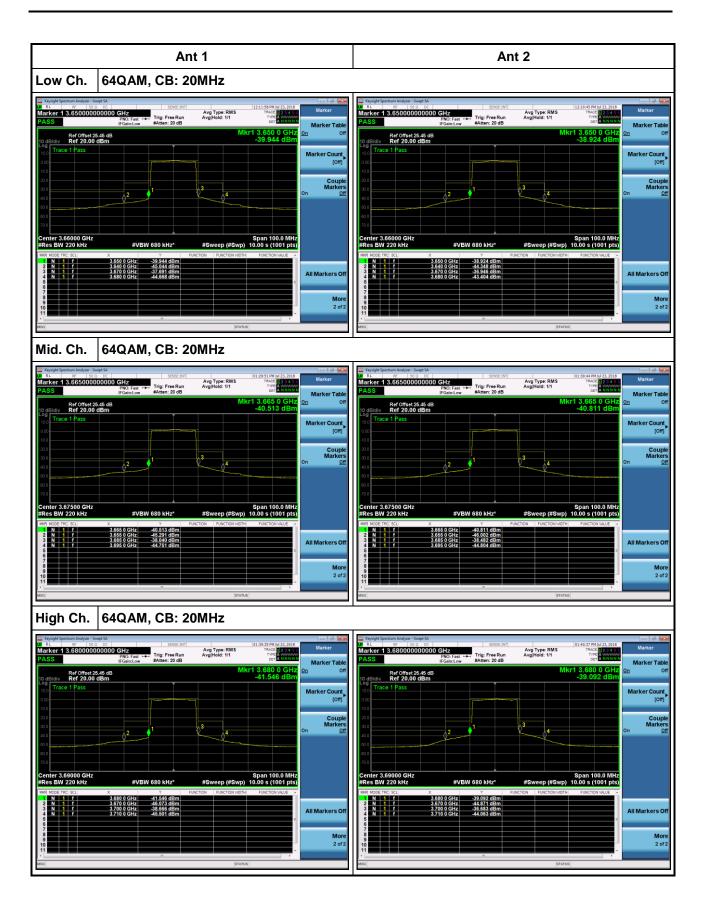
Report No.: FL830601-01 Page: 55 of 77





Report No.: FL830601-01 Page: 56 of 77





Report No.: FL830601-01 Page: 57 of 77

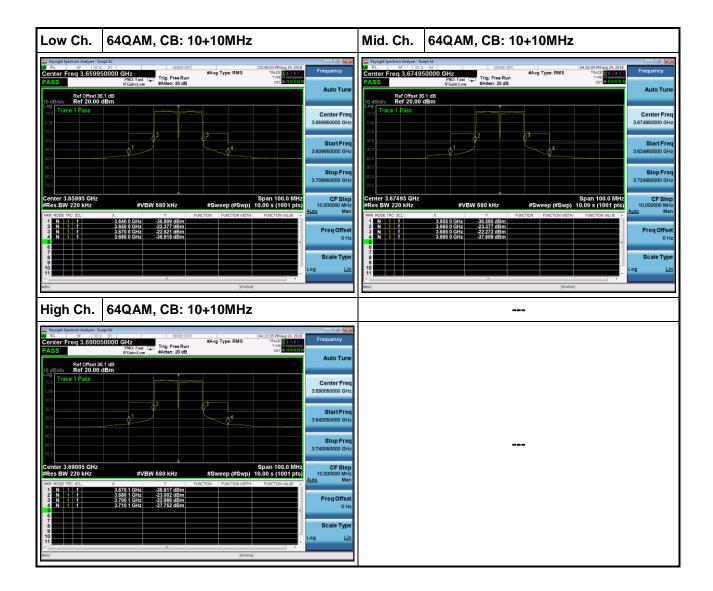


3.4.5 Test Result of Emission Mask (CA Mode)



Report No.: FL830601-01 Page: 58 of 77





Report No.: FL830601-01 Page: 59 of 77