Low Ch.	QPSK, CB: 15MHz	Low Ch.	16QAM, CB: 15MHz

Mid. Ch.	QPSK, CB: 15MHz	Mid. Ch.	16QAM, CB: 15MHz

High Ch.	QPSK, CB: 15MHz	High Ch.	16QAM, CB: 15MHz

Low Ch.	**64QAM, CB: 15MHz**	---

Mid. Ch.	**64QAM, CB: 15MHz**	---

High Ch.	**64QAM, CB: 15MHz**	---

Low Ch.	QPSK, CB: 20MHz	Low Ch.	16QAM, CB: 20MHz

Mid. Ch.	QPSK, CB: 20MHz	Mid. Ch.	16QAM, CB: 20MHz

High Ch.	QPSK, CB: 20MHz	High Ch.	16QAM, CB: 20MHz

Low Ch.	**64QAM, CB: 20MHz**	---

Mid. Ch.	**64QAM, CB: 20MHz**	---

High Ch.	**64QAM, CB: 20MHz**	---

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.

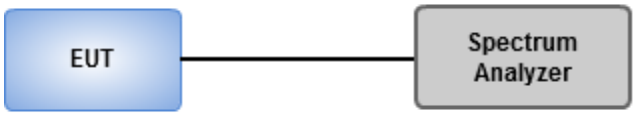
(2) On any frequency removed from the assigned frequency by more than 100 percent, but not more than 250 percent of the authorized bandwidth: At least 35 dB.

(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.

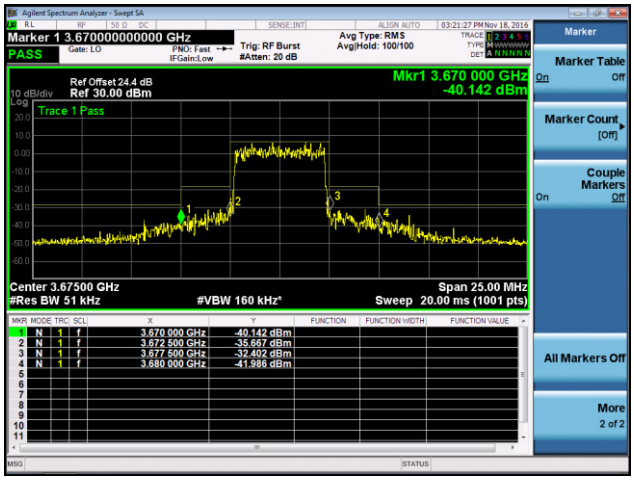
3.4.3 Test Setup

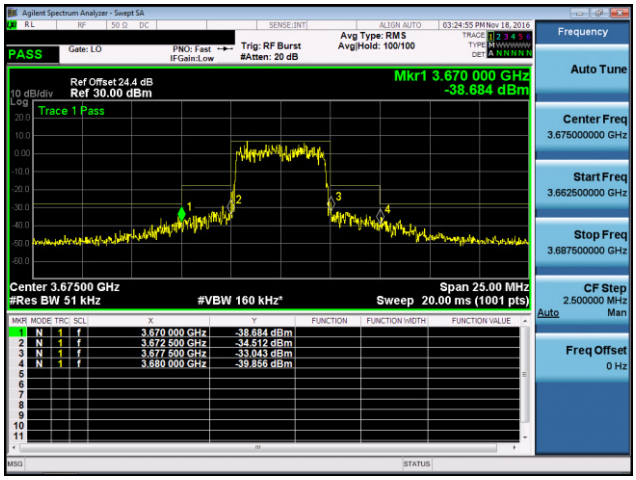


3.4.4 Test Result of Emission Mask

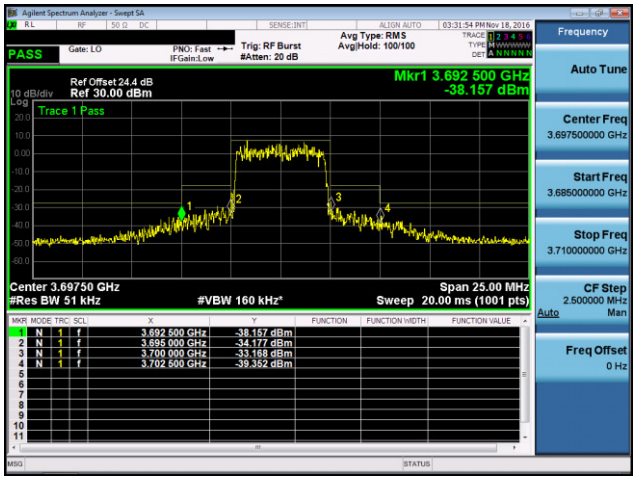
Low Ch.	QPSK, CB: 5MHz	Low Ch.	16QAM, CB: 5MHz

Mid. Ch.	QPSK, CB: 5MHz	Mid. Ch.	16QAM, CB: 5MHz





High Ch.	QPSK, CB: 5MHz	High Ch.	16QAM, CB: 5MHz



Low Ch.	**64QAM, CB: 5MHz**	---

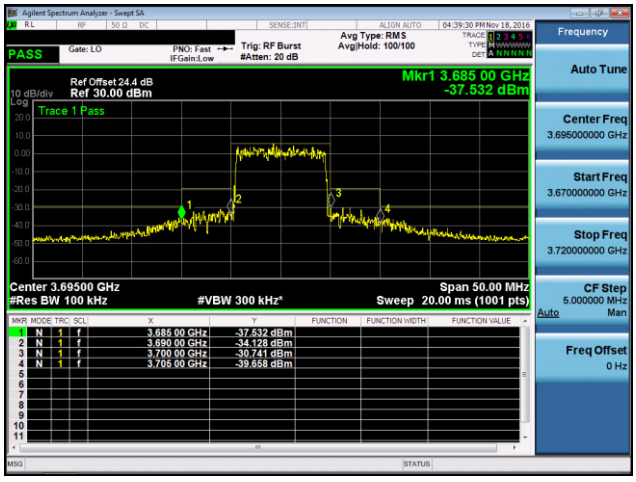
Mid. Ch.	**64QAM, CB: 5MHz**	---

High Ch.	**64QAM, CB: 5MHz**	---

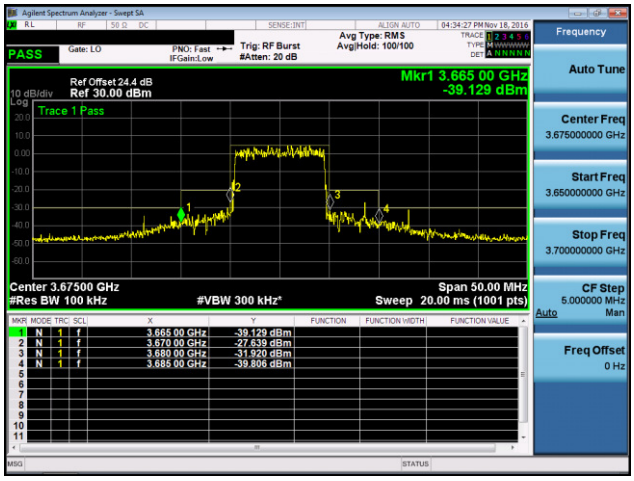
Low Ch.	QPSK, CB: 10MHz	Low Ch.	16QAM, CB: 10MHz

Mid. Ch.	QPSK, CB: 10MHz	Mid. Ch.	16QAM, CB: 10MHz

High Ch.	QPSK, CB: 10MHz	High Ch.	16QAM, CB: 10MHz

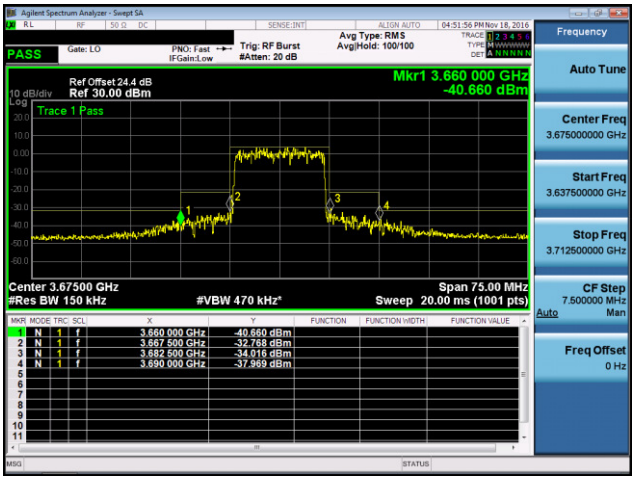


Low Ch.	**64QAM, CB: 10MHz**	---

Mid. Ch.	**64QAM, CB: 10MHz**	---
		---
High Ch.	**64QAM, CB: 10MHz**	---

Low Ch.	QPSK, CB: 15MHz	Low Ch.	16QAM, CB: 15MHz

Mid. Ch.	QPSK, CB: 15MHz	Mid. Ch.	16QAM, CB: 15MHz



High Ch.	QPSK, CB: 15MHz	High Ch.	16QAM, CB: 15MHz

Low Ch.	**64QAM, CB: 15MHz**	---

Mid. Ch.	**64QAM, CB: 15MHz**	---

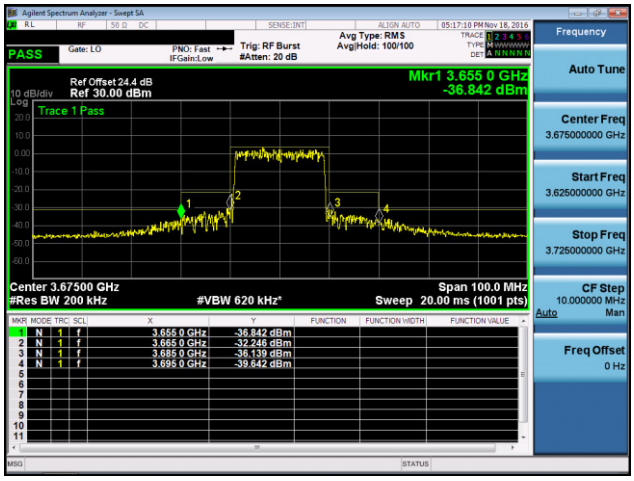
High Ch.	**64QAM, CB: 15MHz**	---

Low Ch.	QPSK, CB: 20MHz	Low Ch.	16QAM, CB: 20MHz

Mid. Ch.	QPSK, CB: 20MHz	Mid. Ch.	16QAM, CB: 20MHz

High Ch.	QPSK, CB: 20MHz	High Ch.	16QAM, CB: 20MHz

Low Ch.	**64QAM, CB: 20MHz**	---

Mid. Ch.	**64QAM, CB: 20MHz**	---
		---
High Ch.	**64QAM, CB: 20MHz**	---