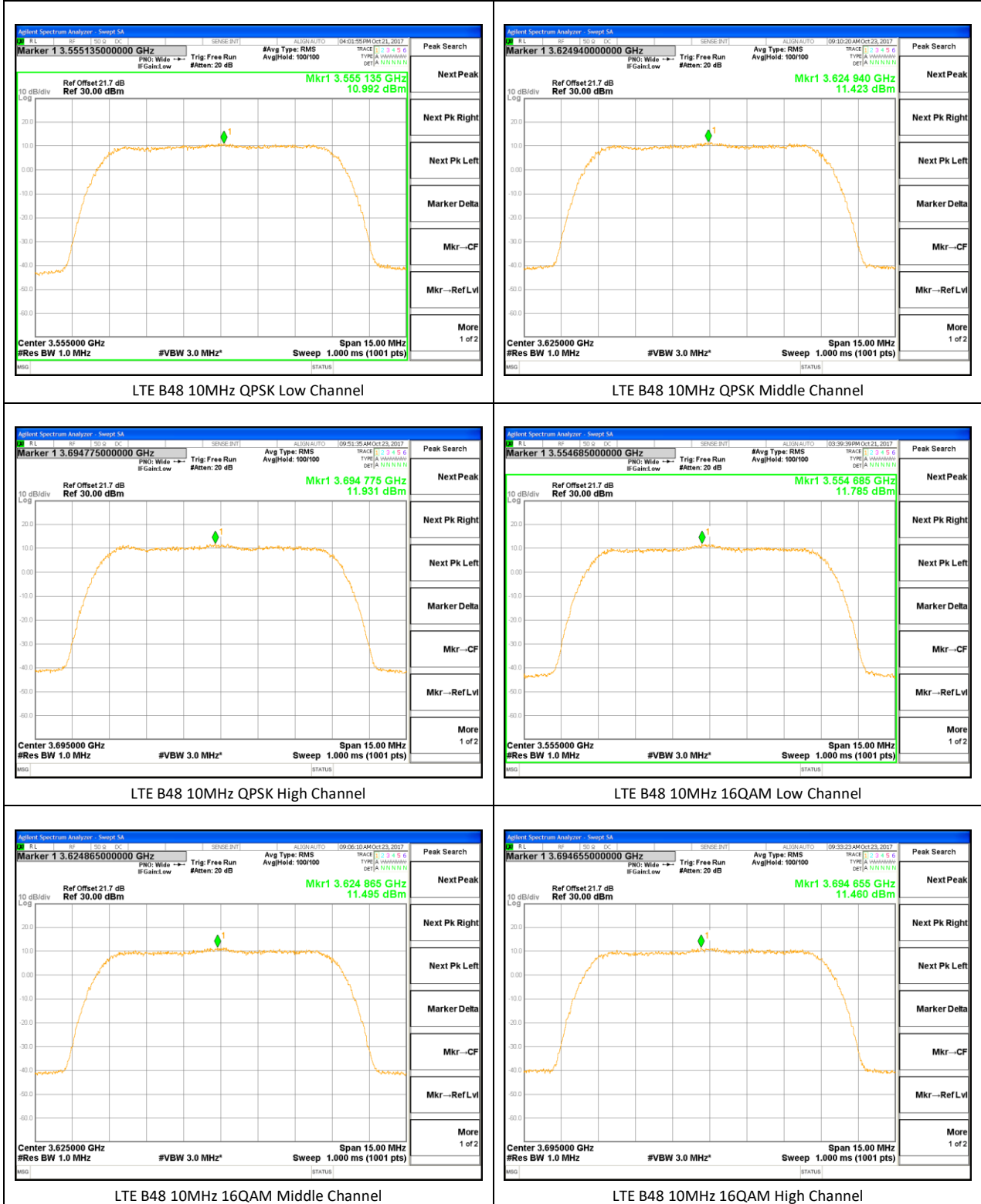
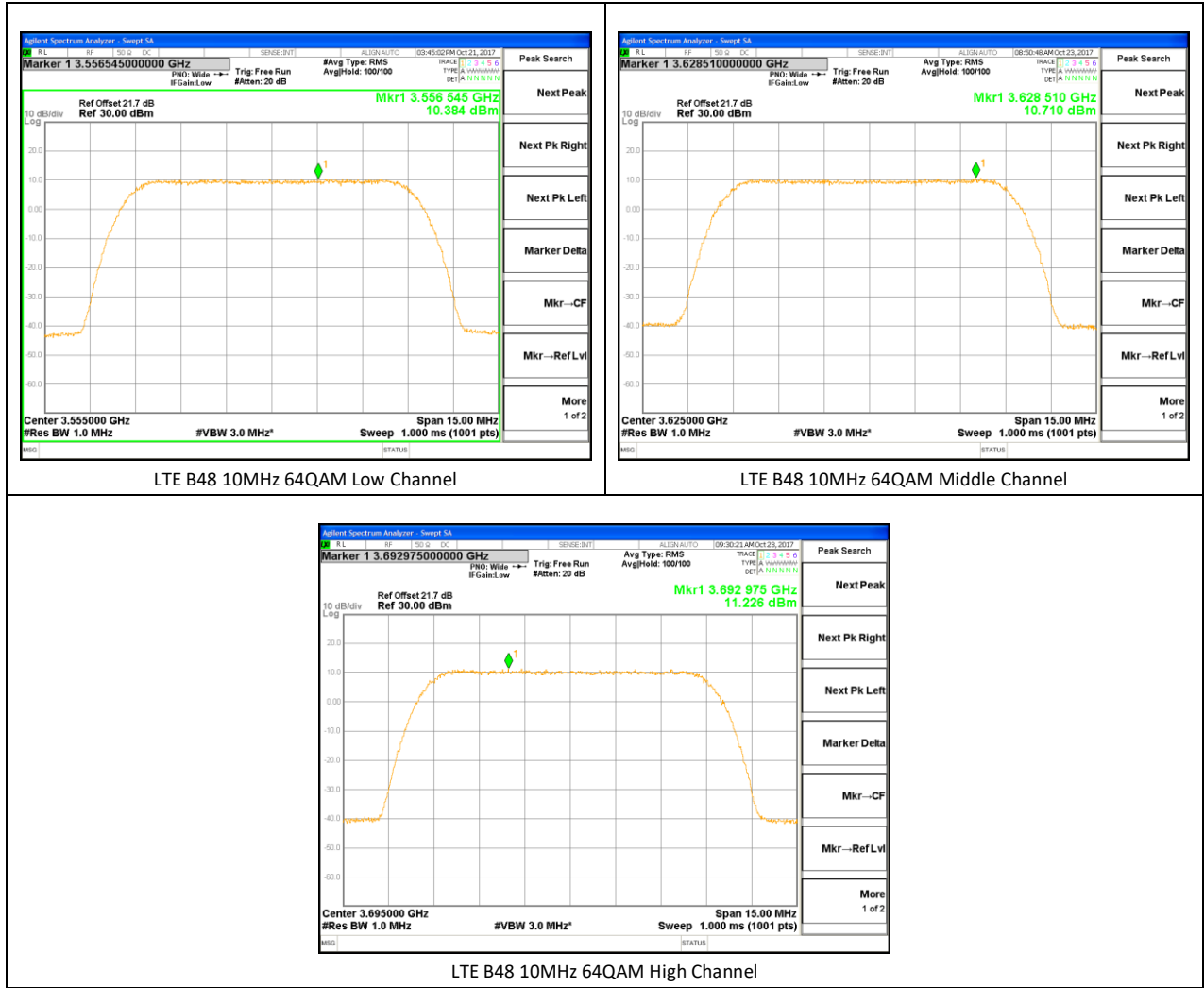


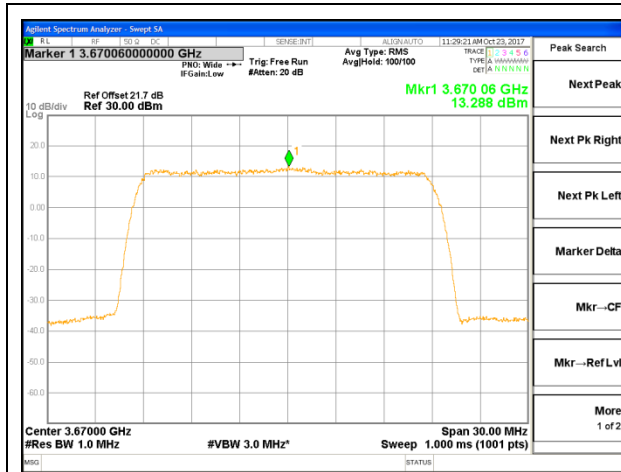
PSD PLOTS FOR DIRECTIONAL ANTENNA

Antenna Port A 10MHz

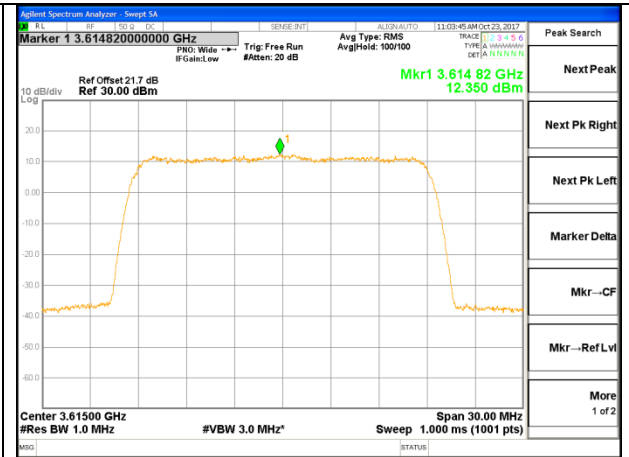




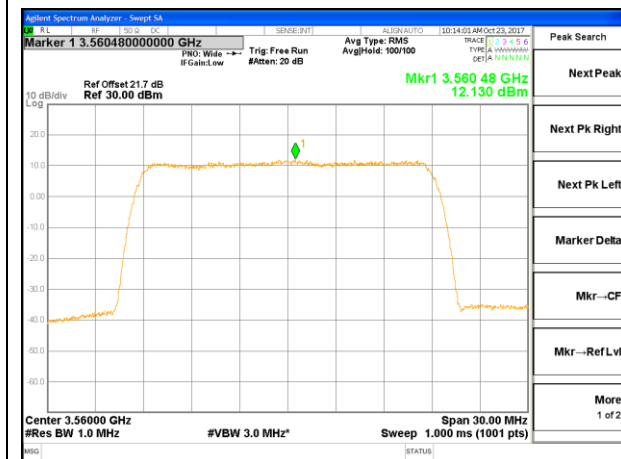
Antenna Port A 20MHz



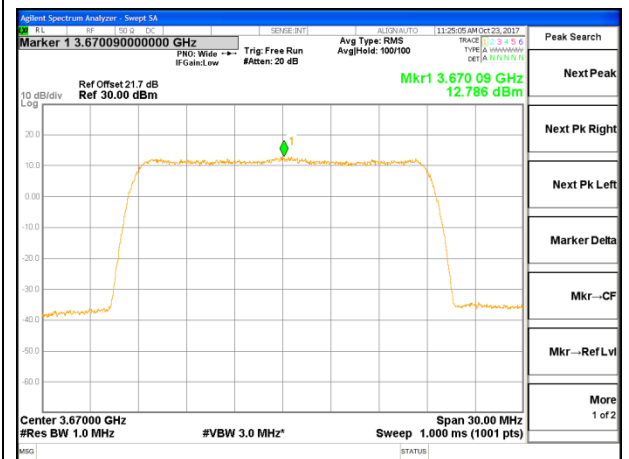
LTE B48 20MHz QPSK Low Channel



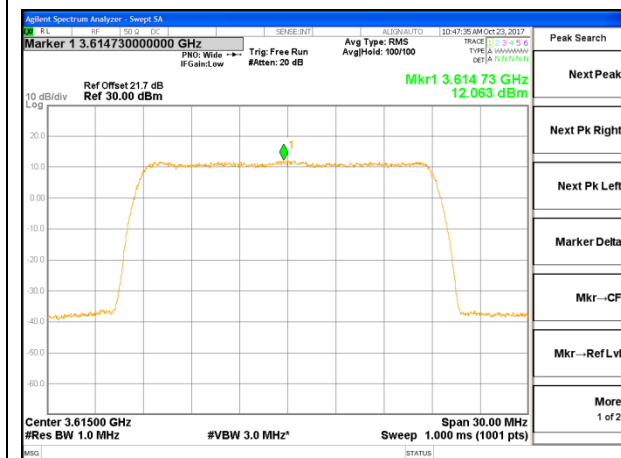
LTE B48 20MHz QPSK Middle Channel



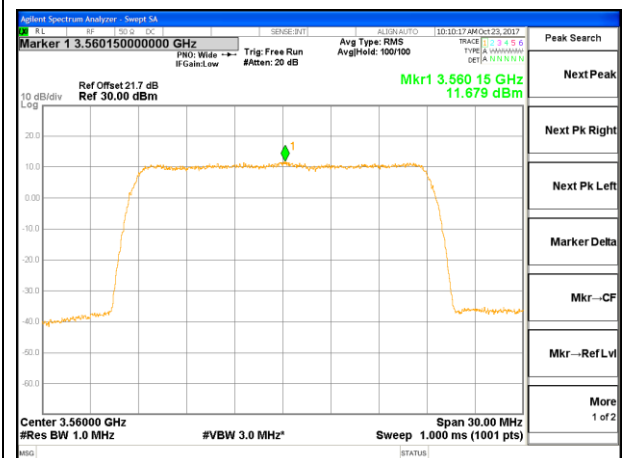
LTE B48 20MHz QPSK High Channel



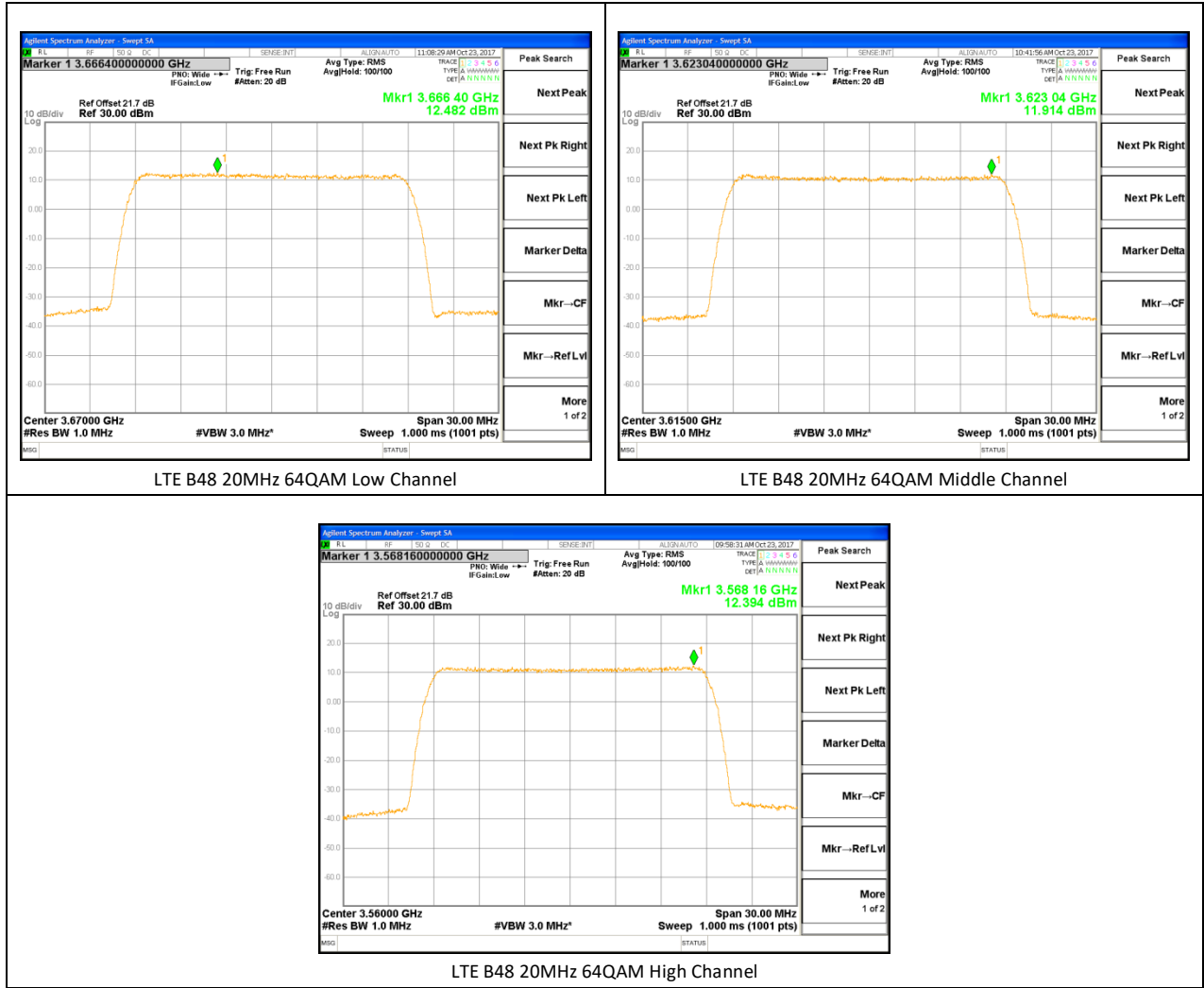
LTE B48 20MHz 16QAM Low Channel



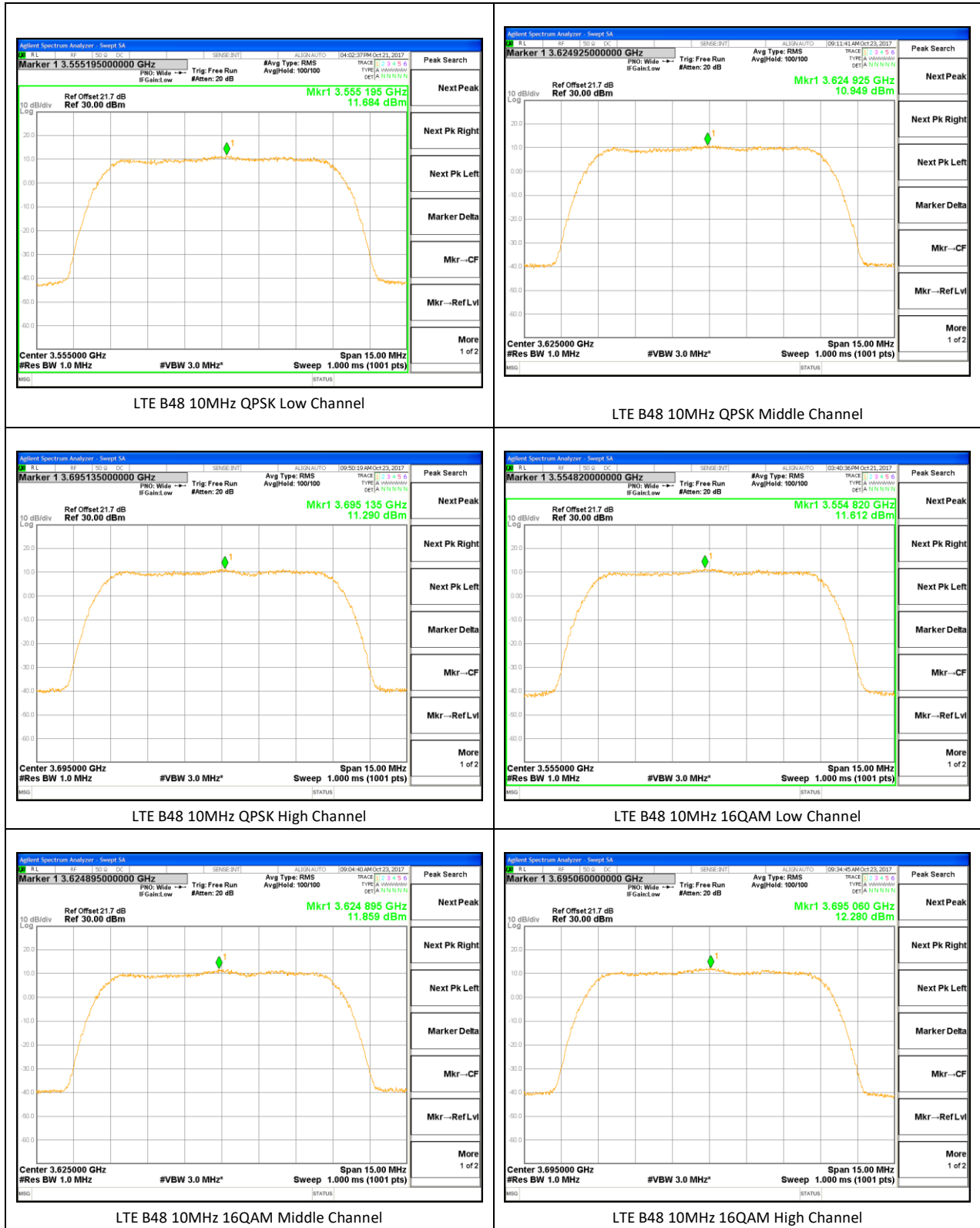
LTE B48 20MHz 16QAM Middle Channel

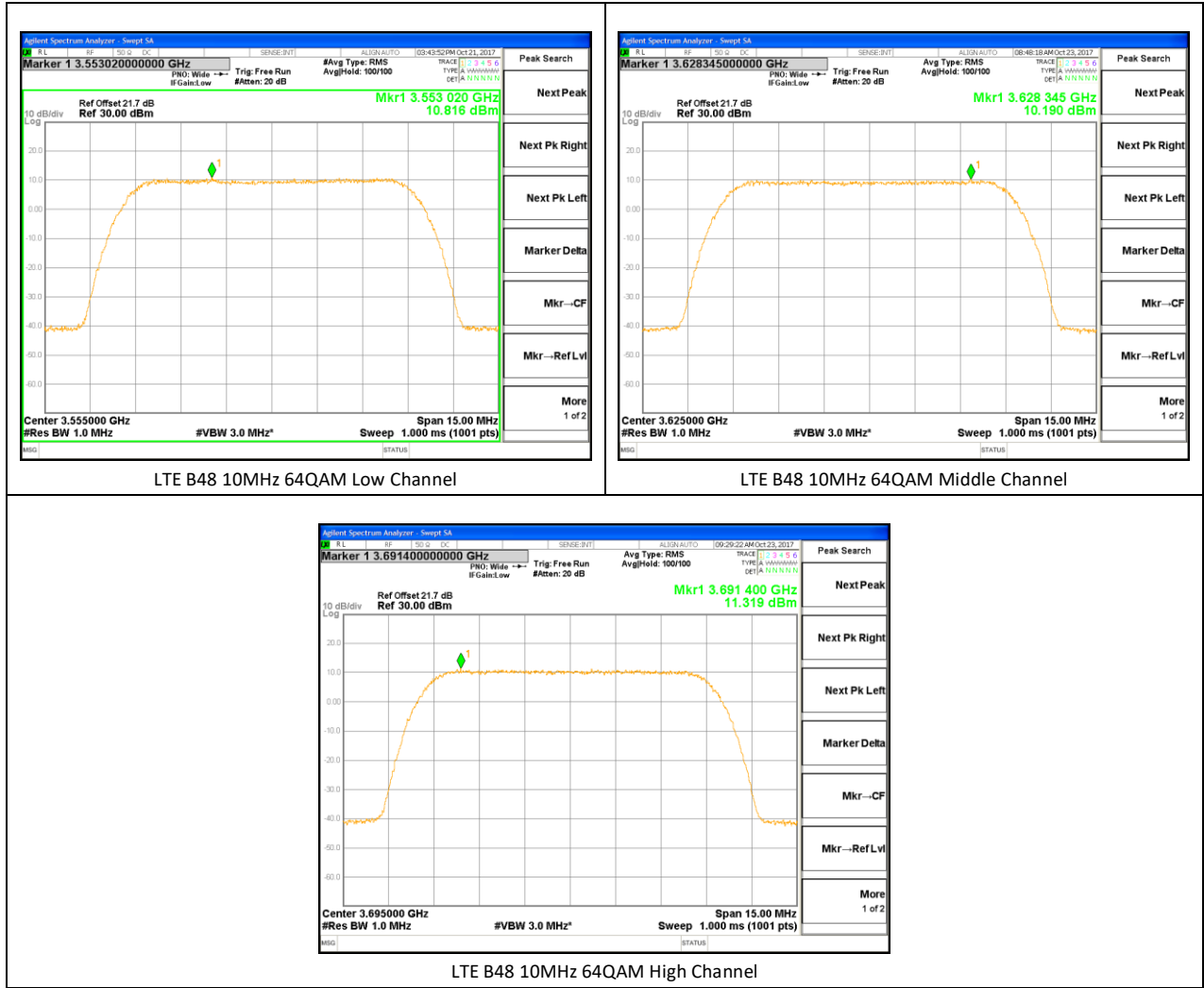


LTE B48 20MHz 16QAM High Channel

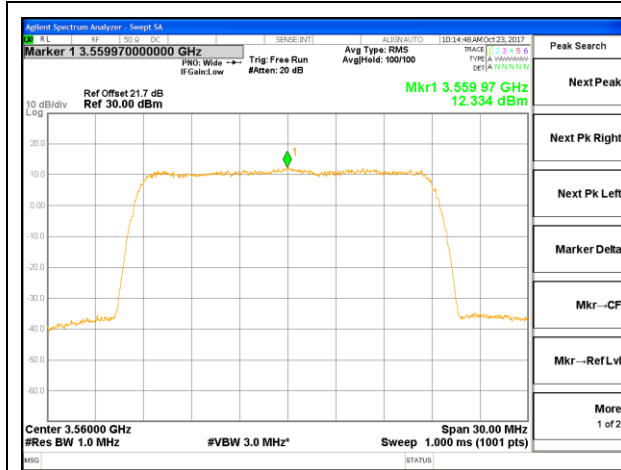


Antenna Port B 10MHz

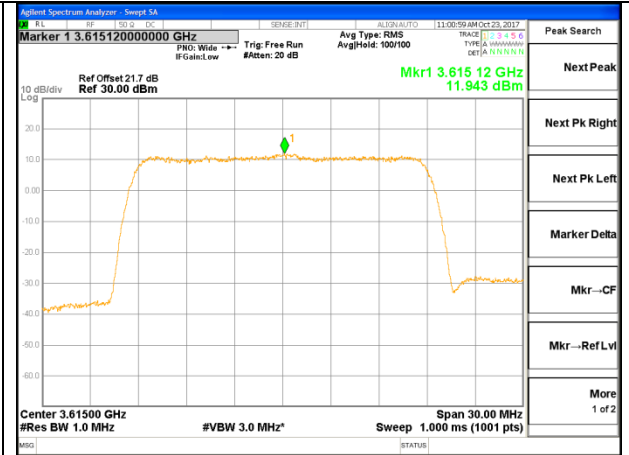




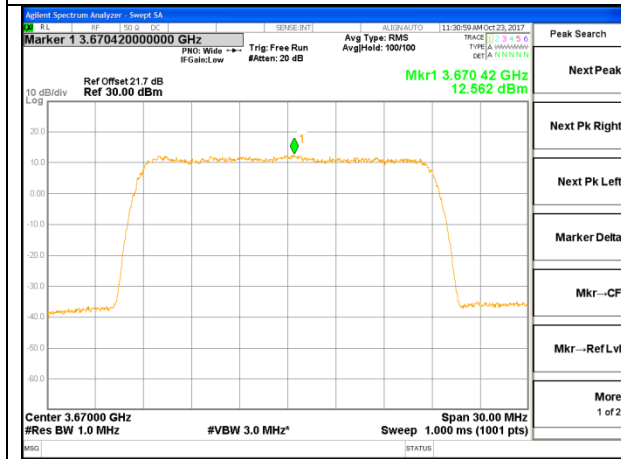
Antenna Port B 20MHz



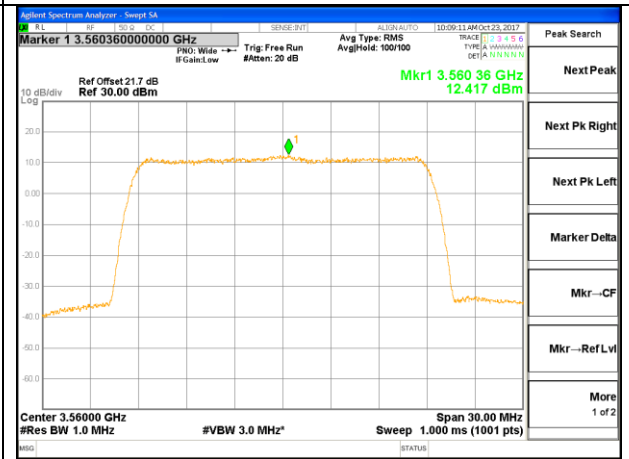
LTE B48 20MHz QPSK Low Channel



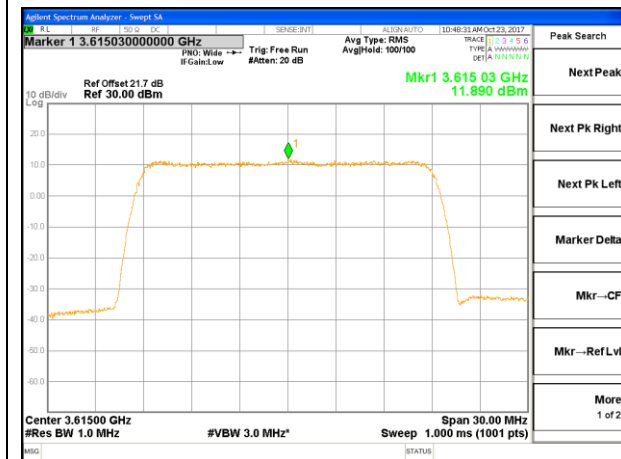
LTE B48 20MHz QPSK Middle Channel



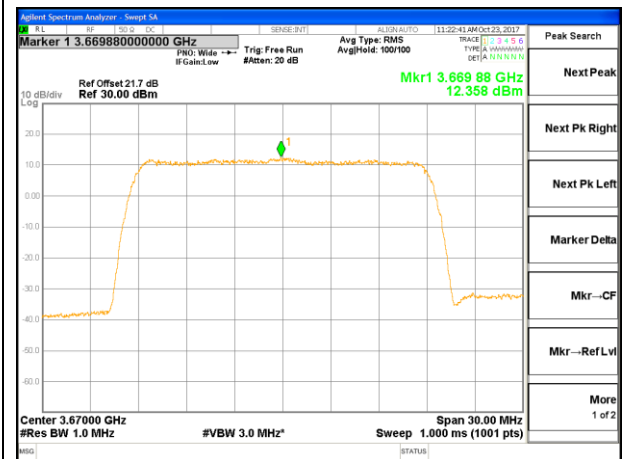
LTE B48 20MHz QPSK High Channel



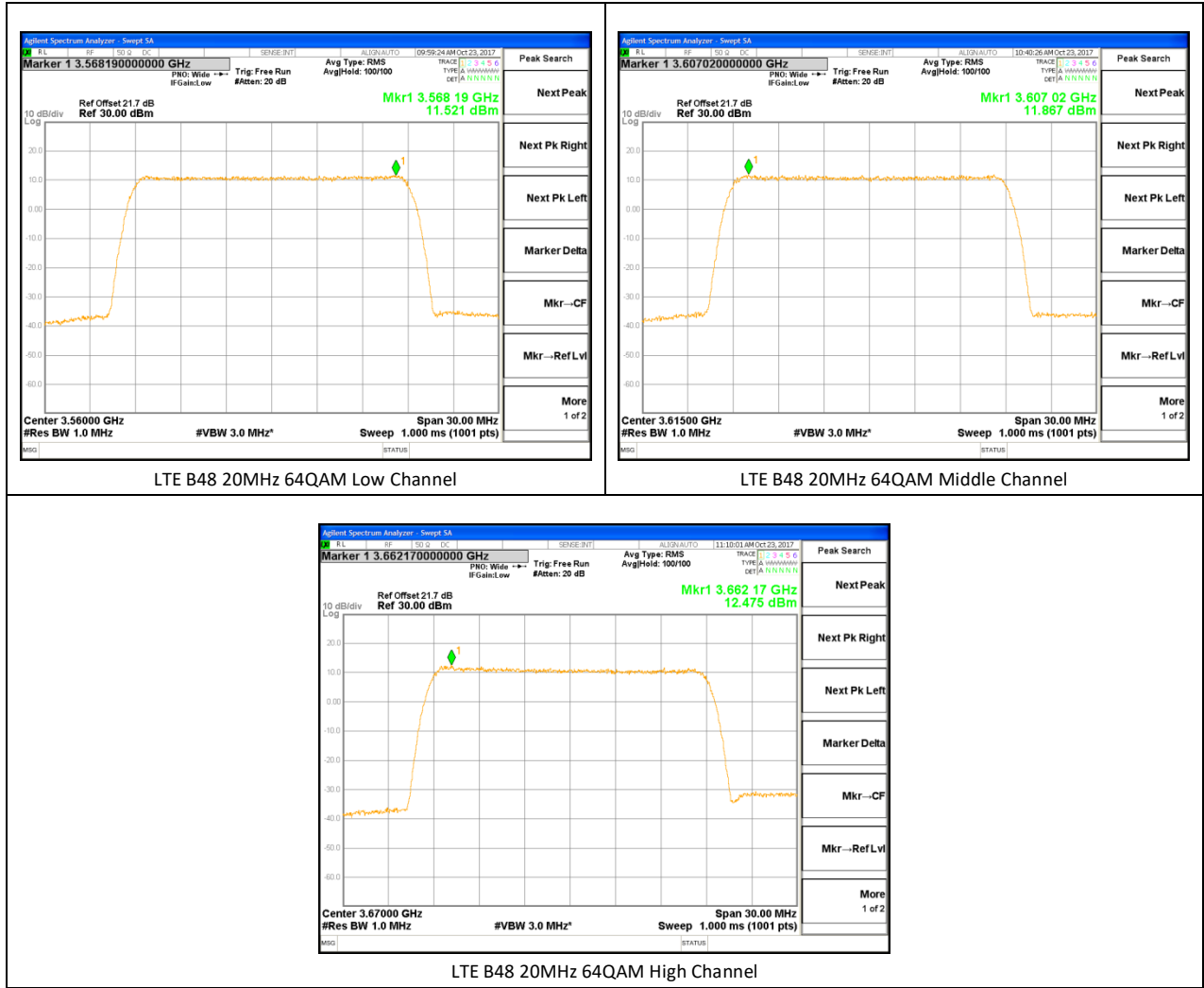
LTE B48 20MHz 16QAM Low Channel



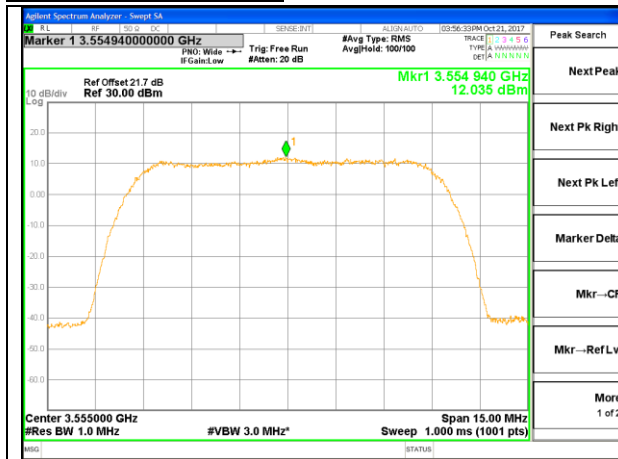
LTE B48 20MHz 16QAM Middle Channel



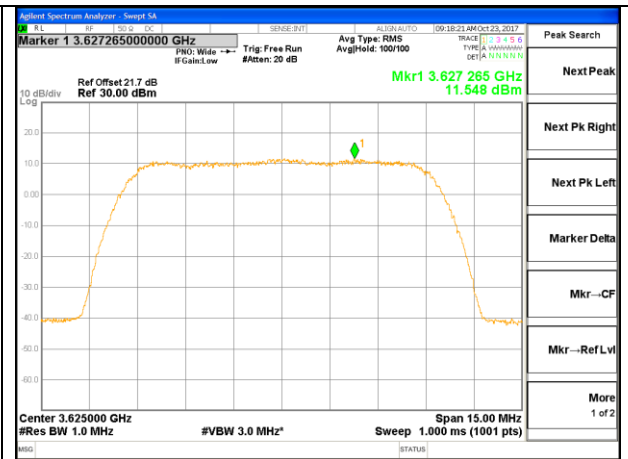
LTE B48 20MHz 16QAM High Channel



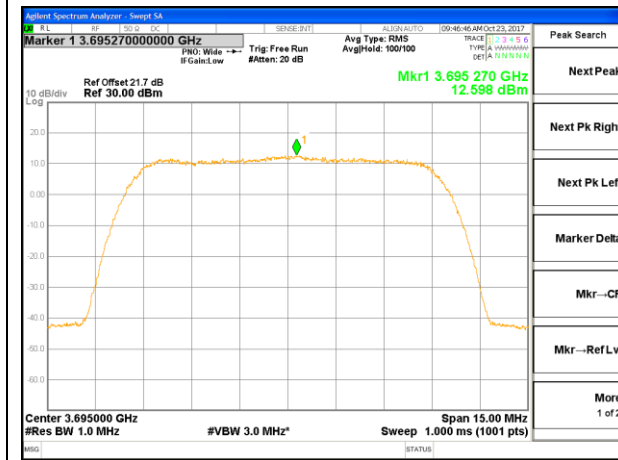
Antenna Port C 10MHz



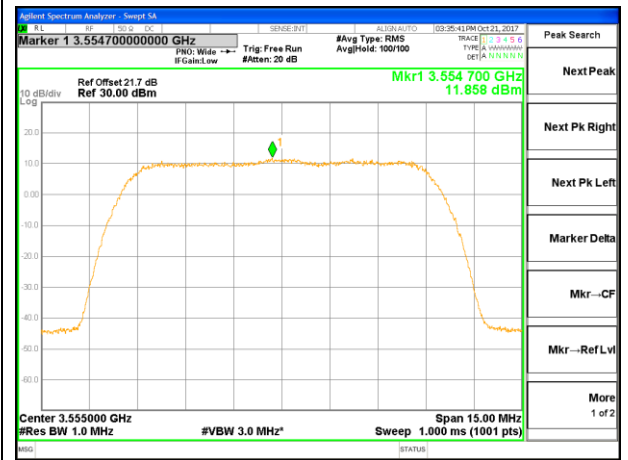
LTE B48 10MHz QPSK Low Channel



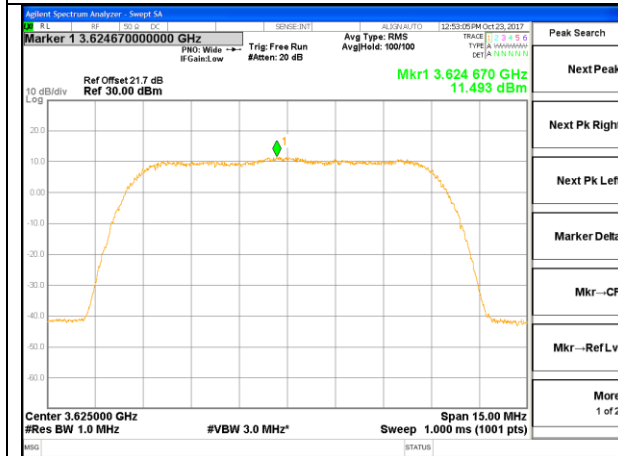
LTE B48 10MHz QPSK Middle Channel



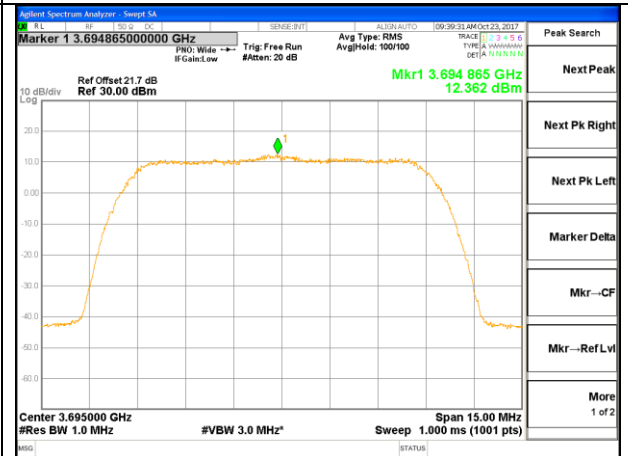
LTE B48 10MHz QPSK High Channel



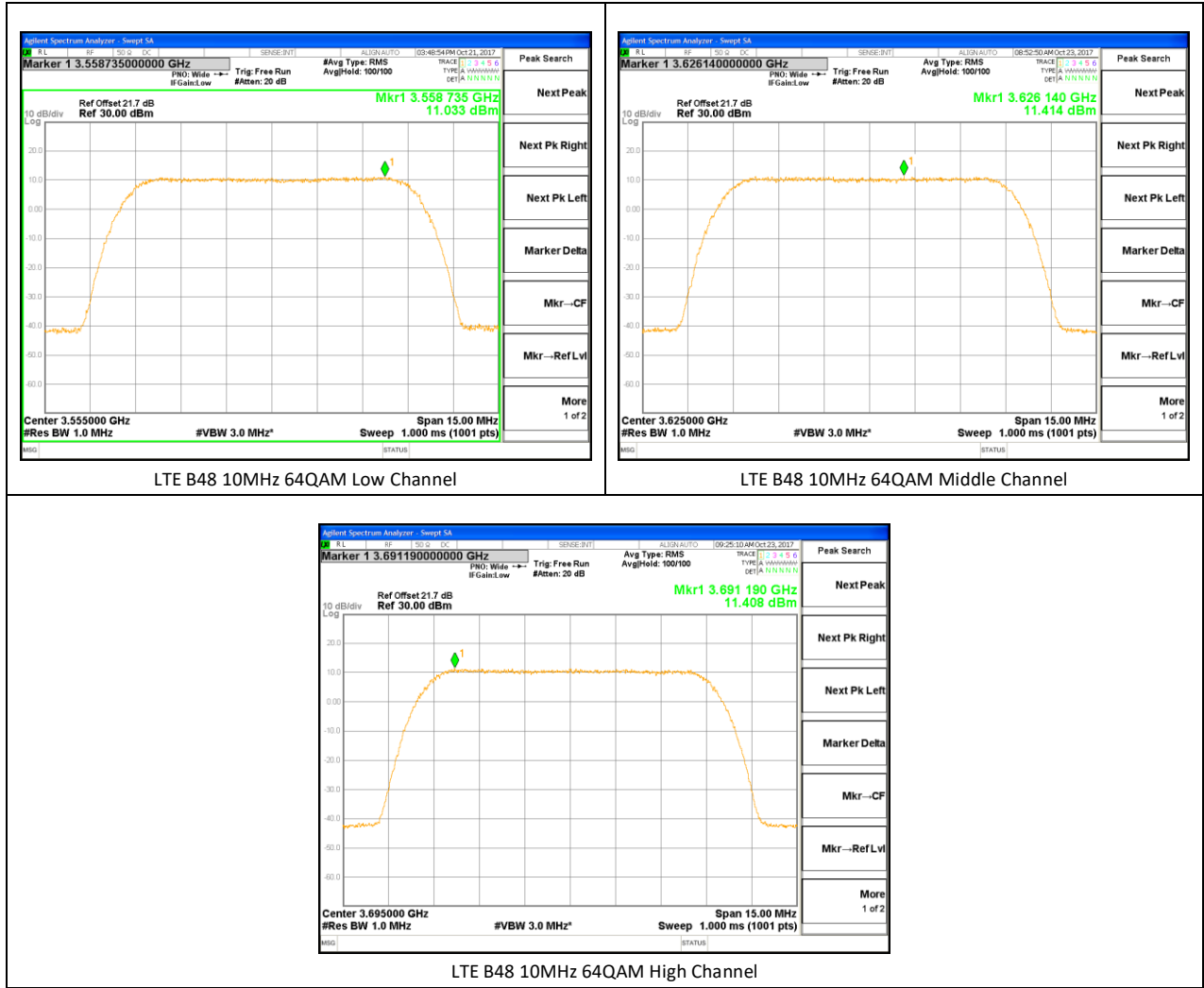
LTE B48 10MHz 16QAM Low Channel



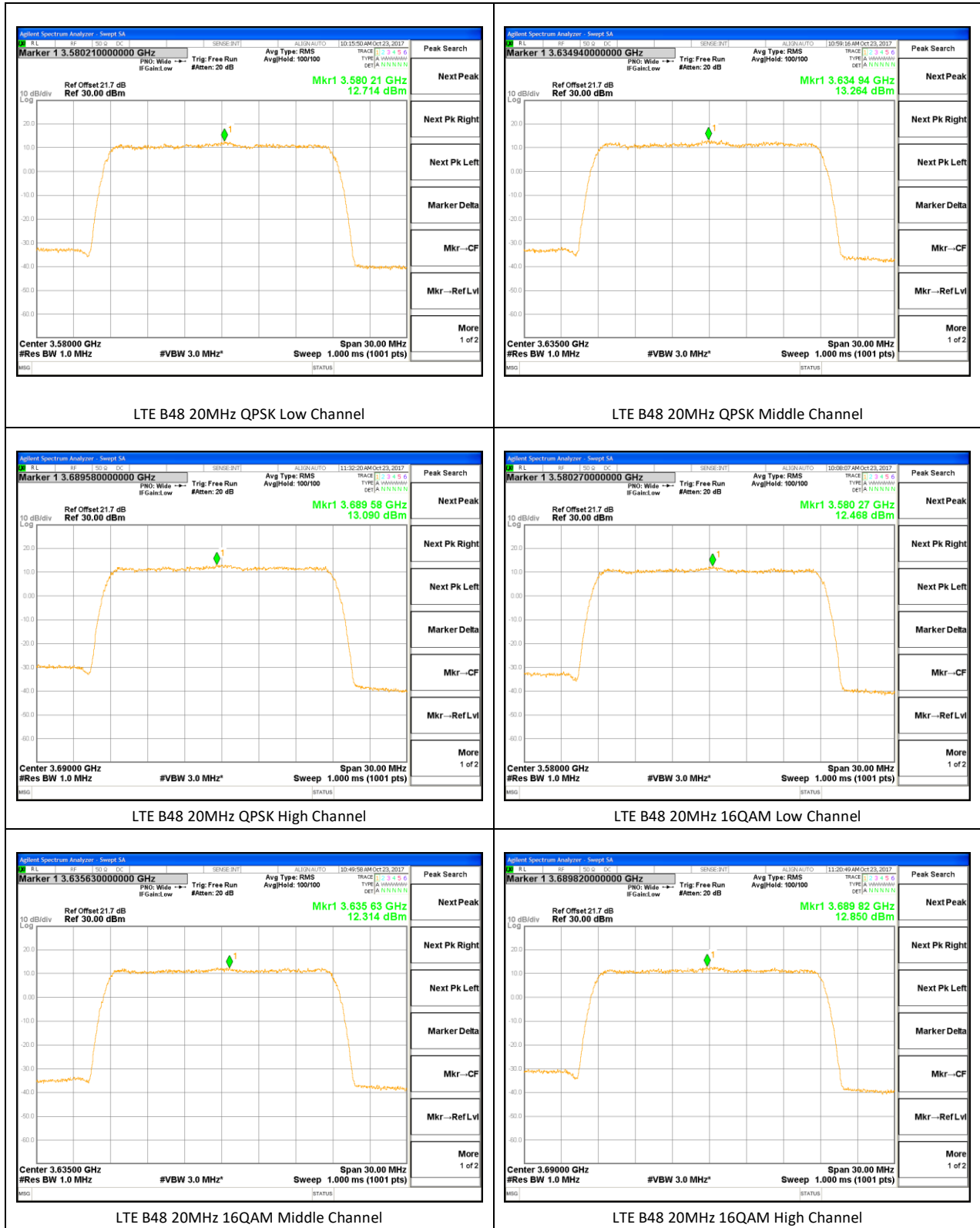
LTE B48 10MHz 16QAM Middle Channel

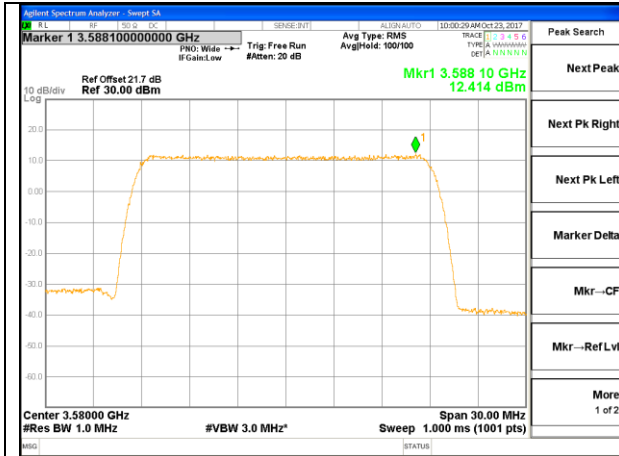


LTE B48 10MHz 16QAM High Channel

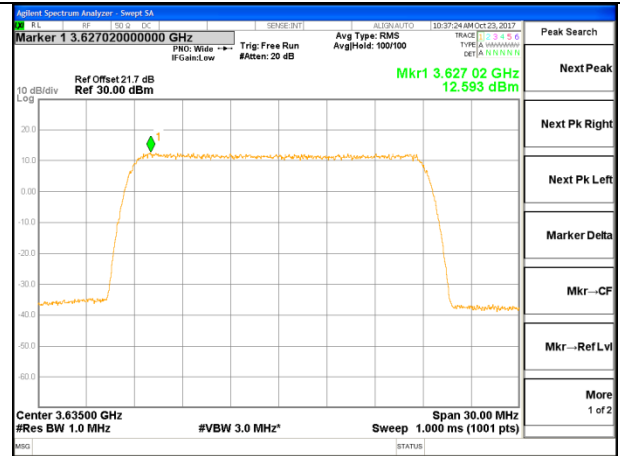


Antenna Port C 20MHz

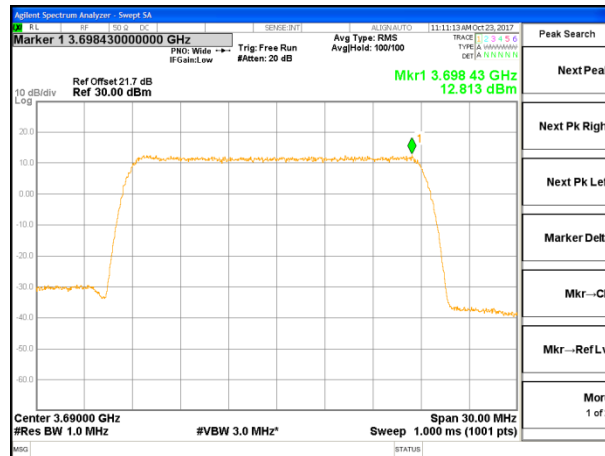




LTE B48 20MHz 64QAM Low Channel

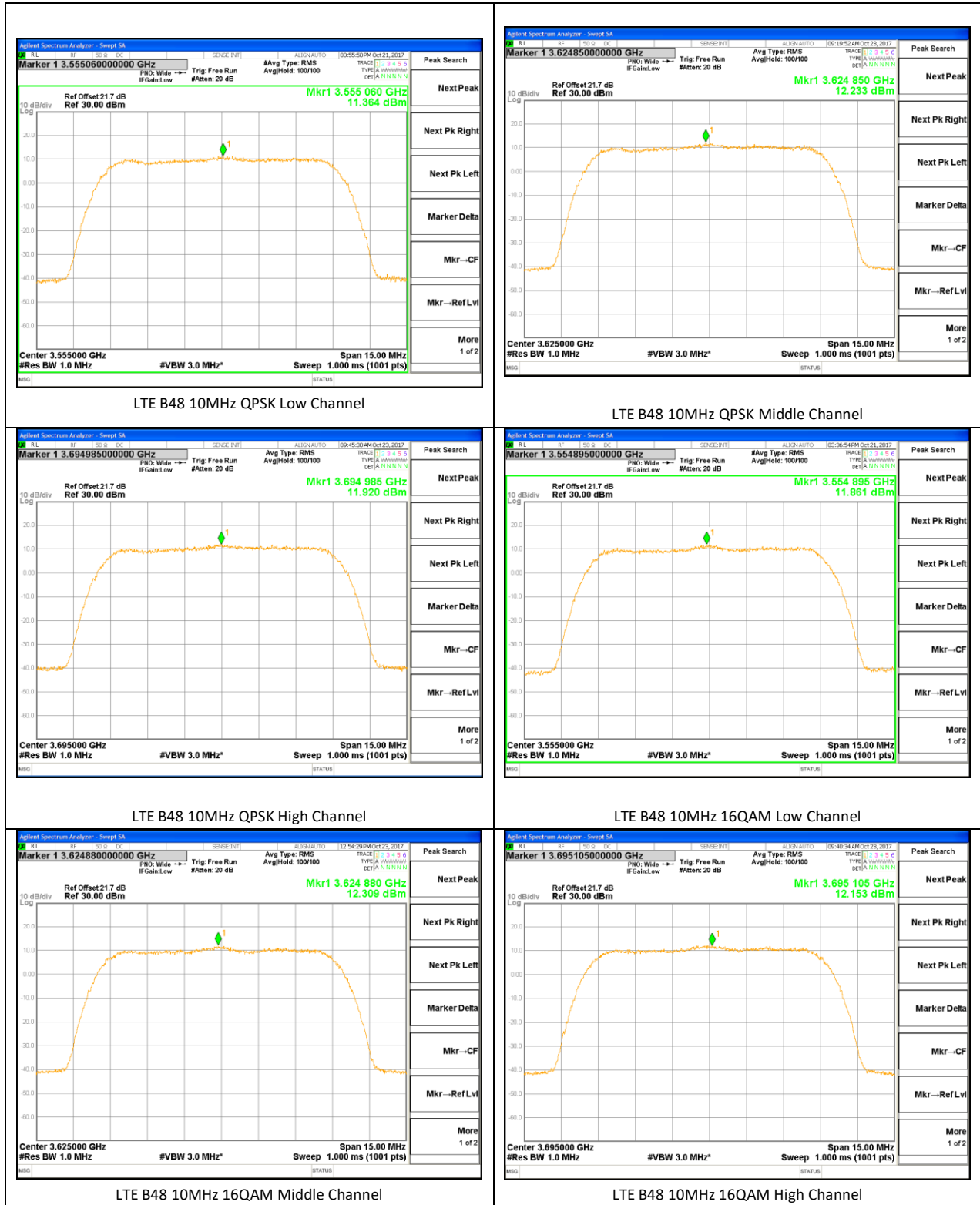


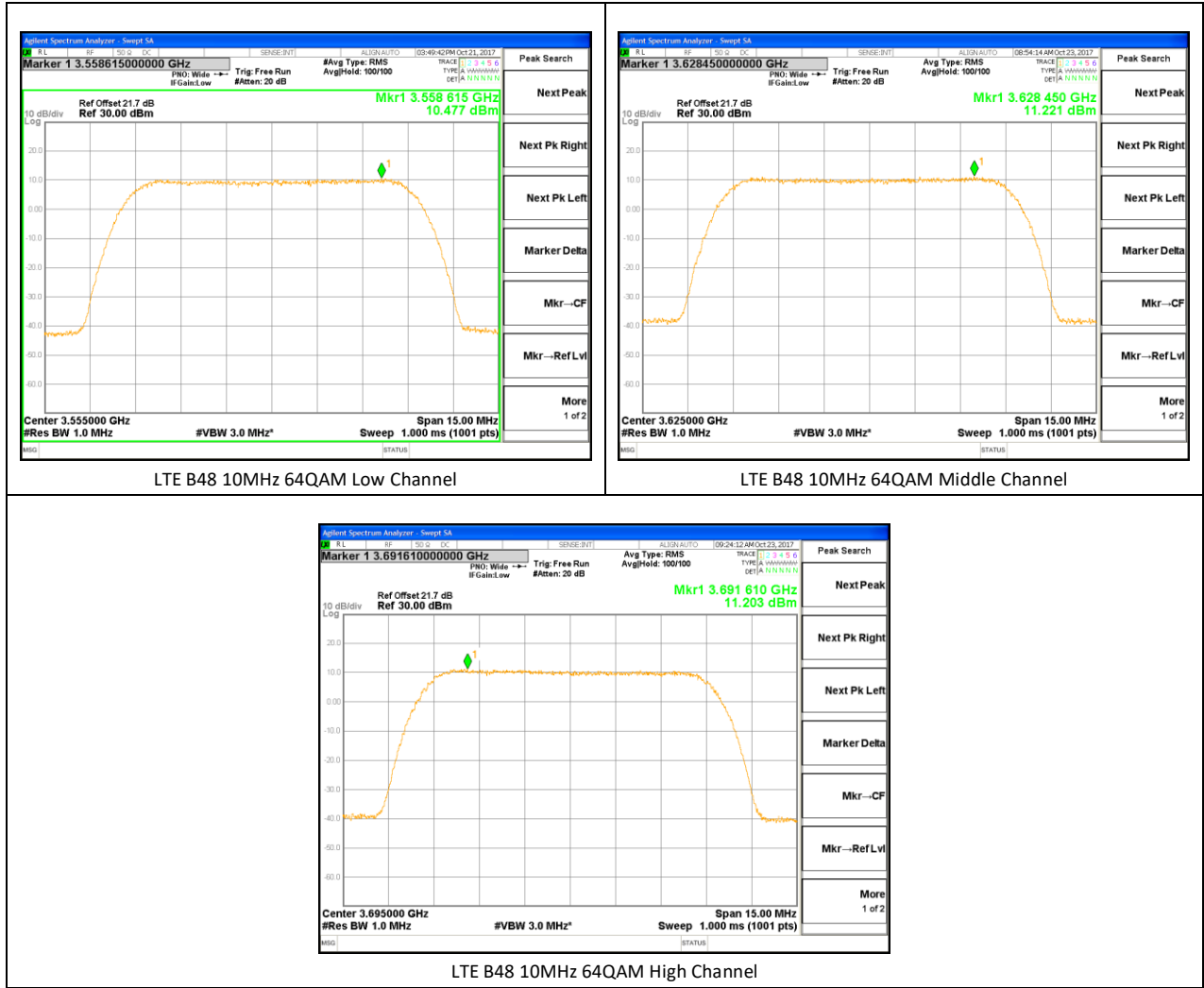
LTE B48 20MHz 64QAM Middle Channel



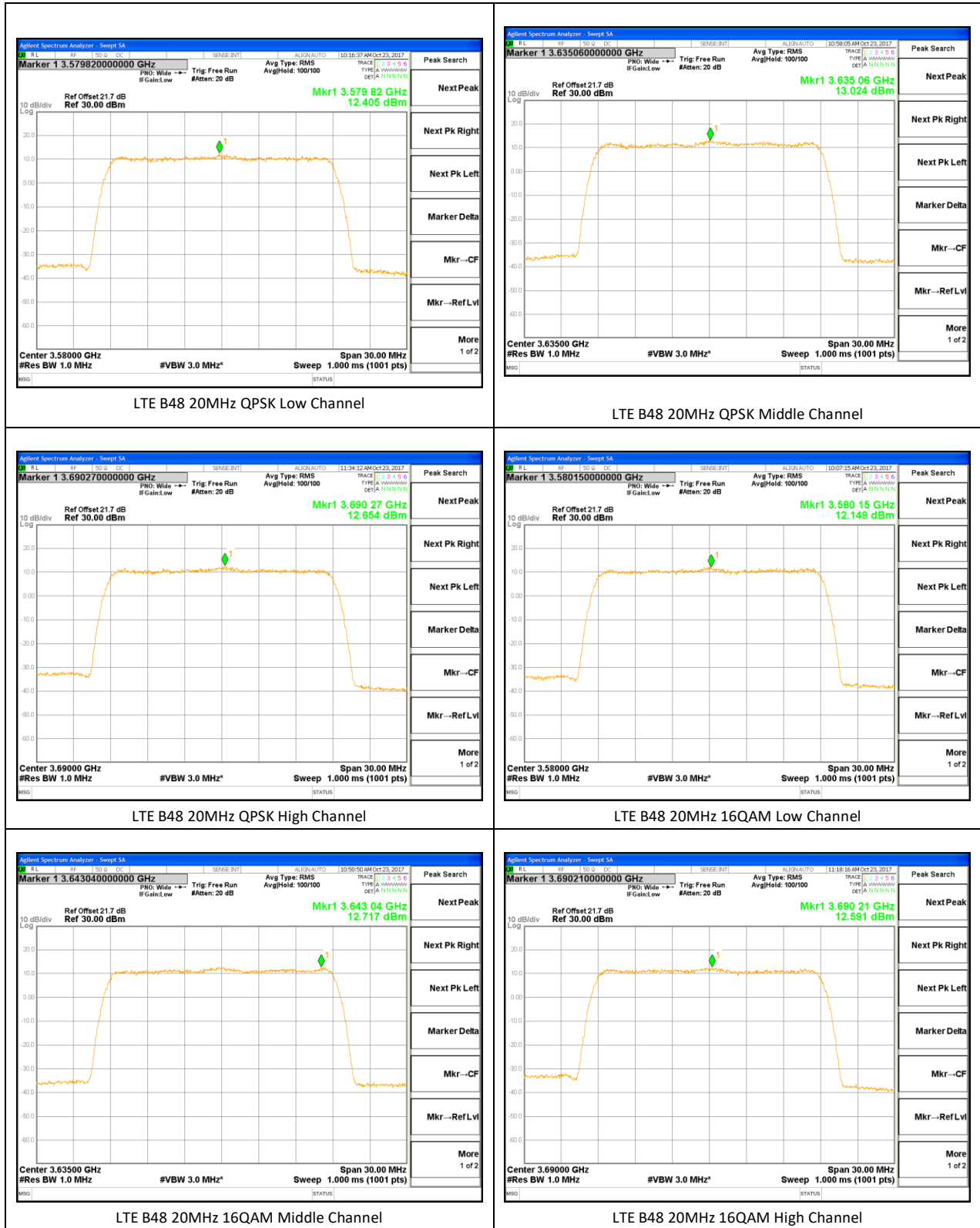
LTE B48 20MHz 64QAM High Channel

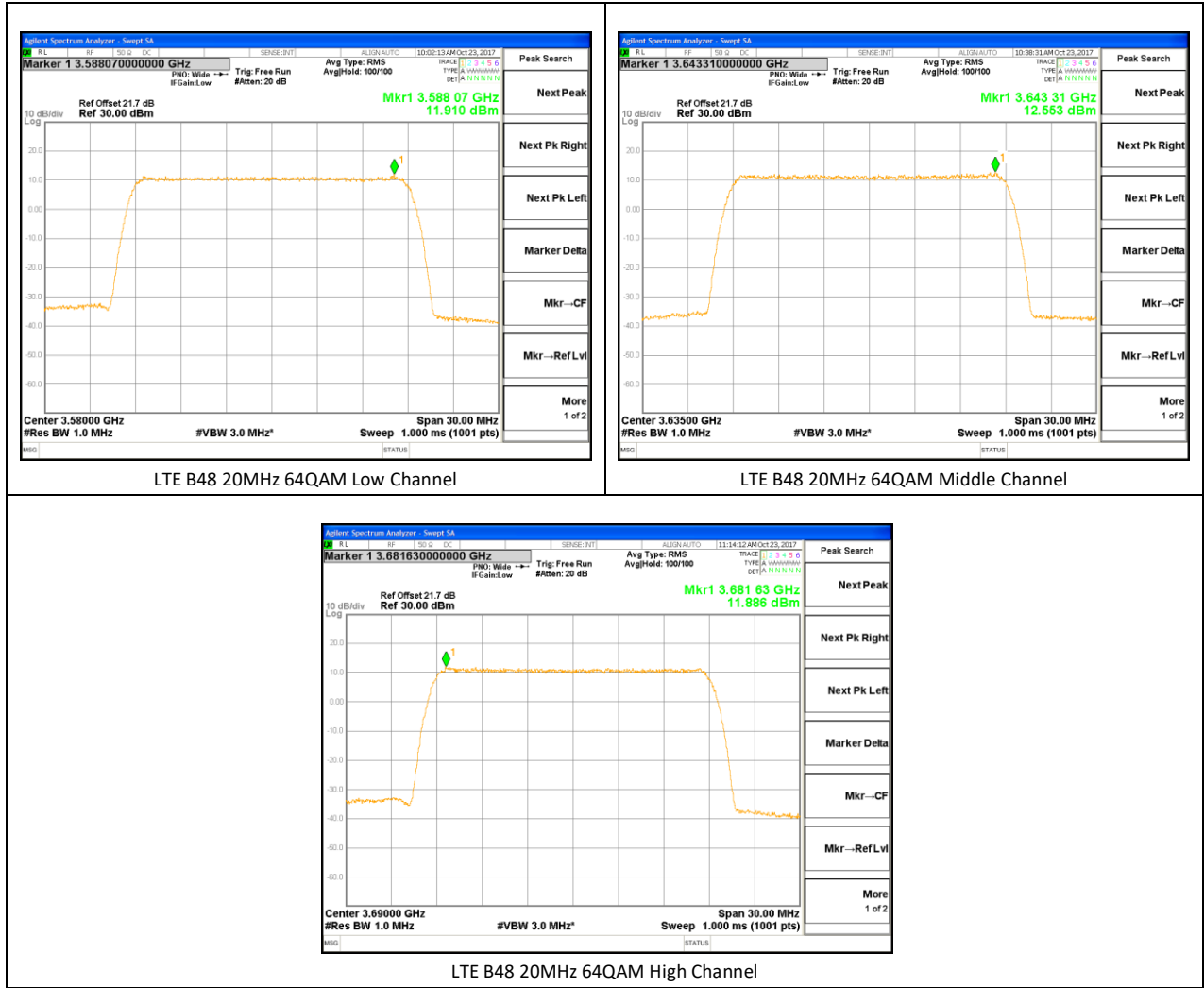
Antenna Port D 10MHz





Antenna Port D 20MHz





7.5. EMISSIONS MASK OUTSIDE THE FUNDAMENTAL RULE PART(S)

FCC: §96.41

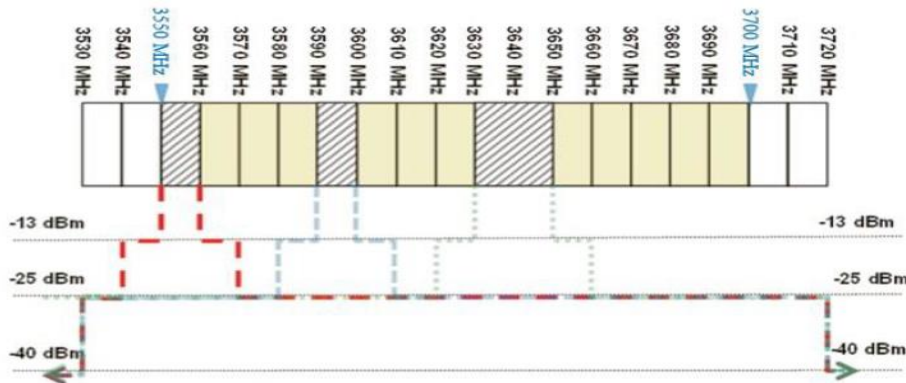
FCC LIMITS

(2) of this section, for channel and frequency assignments made by the SAS to CBSDs, the conducted power of any emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed:

- -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge.
- At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any emission shall not exceed -25 dBm/MHz.
- The conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

TEST PROCEDURE

Per KDB 940660 D01



Measurements must be performed for low, mid, and high channels. It is acceptable to apply the procedures in Section 5.7 of ANSI C63.26-2015 using the following settings, per § 96.41(e)(3).

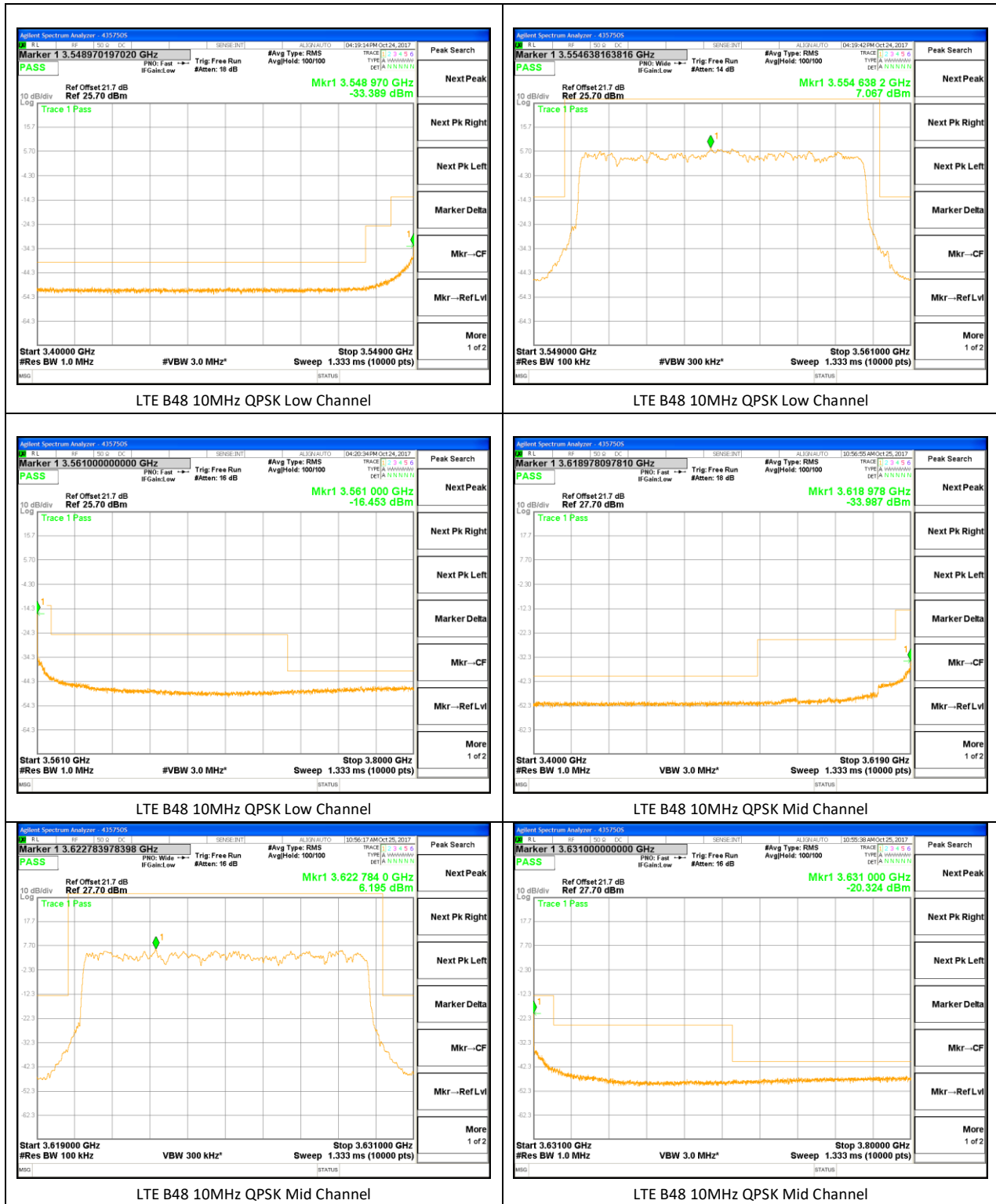
Note that unwanted emissions for CBSDs are relative to the authorized channel, as assigned by the SAS.

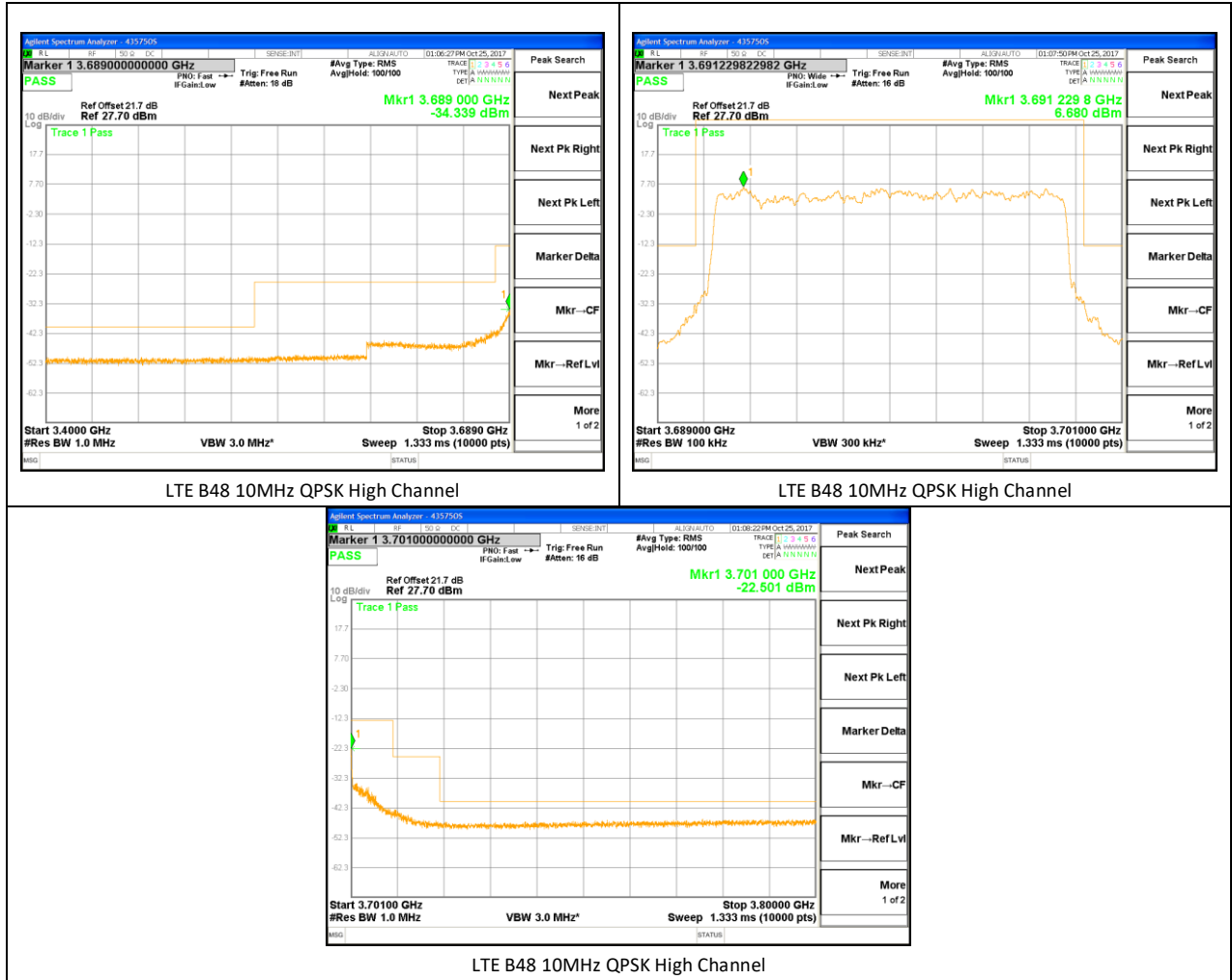
- Resolution bandwidth⁷:
 - a) 1% of fundamental for measurements within 1 MHz immediately outside authorized channel; and
 - b) 1 MHz for beyond 1 MHz outside the authorized channel.

RESULTS

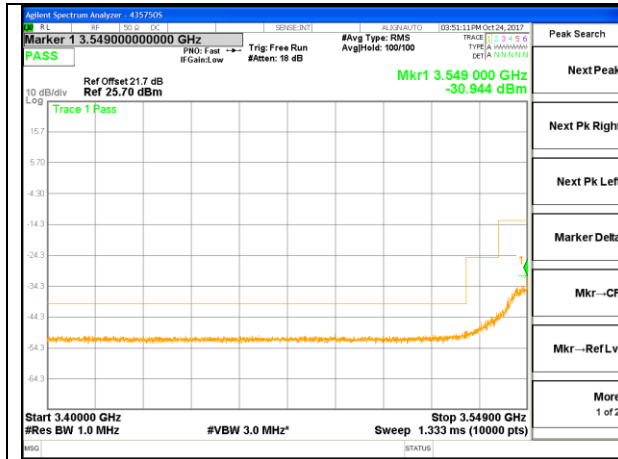
OUT OF BAND EMISSIONS RESULT AND PLOTS OMNI ANTENNA PORT A

Antenna Port A 10MHz QPSK

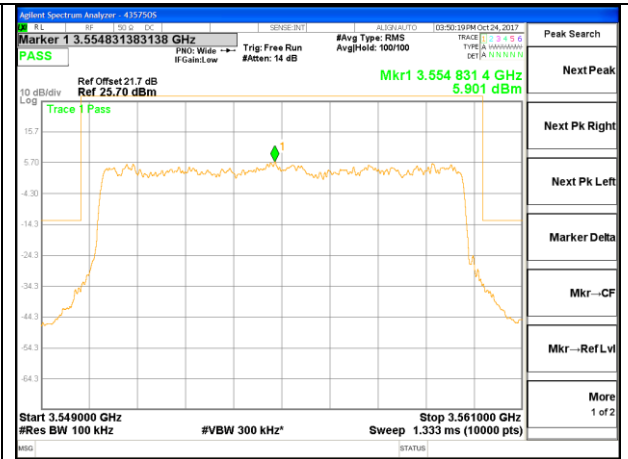




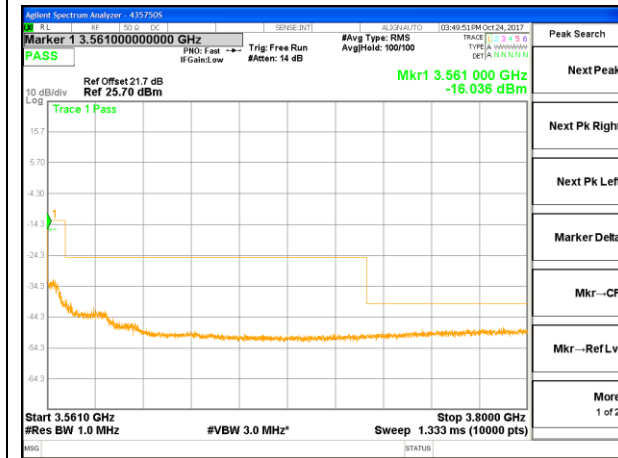
Antenna Port A 10MHz 16QAM



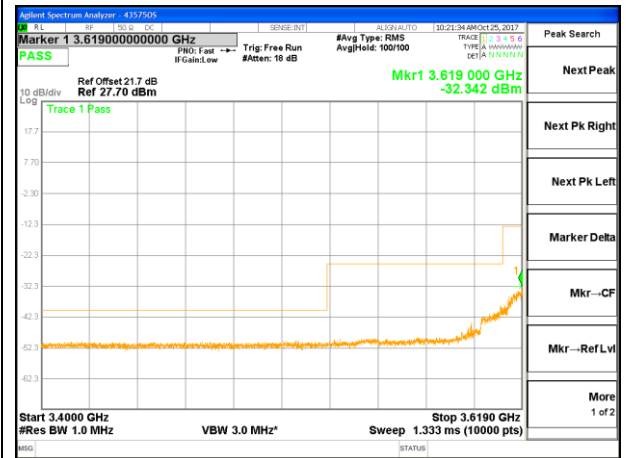
LTE B48 10MHz 16QAM Low Channel



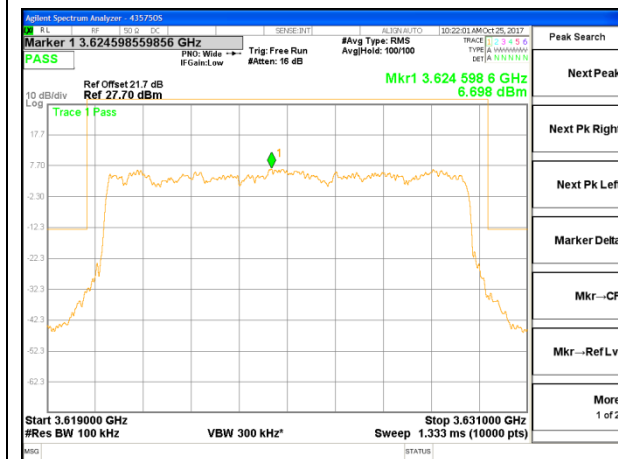
LTE B48 10MHz 16QAM Low Channel



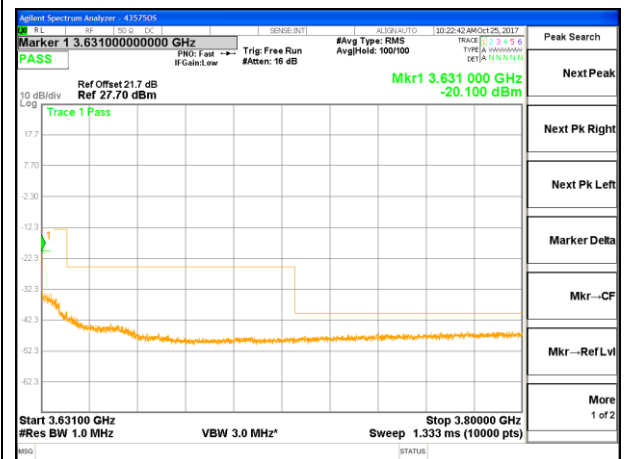
LTE B48 10MHz QPSK Low Channel



LTE B48 10MHz 16QAM Mid Channel



LTE B48 10MHz 16QAM Mid Channel



LTE B48 10MHz 16QAM Mid Channel