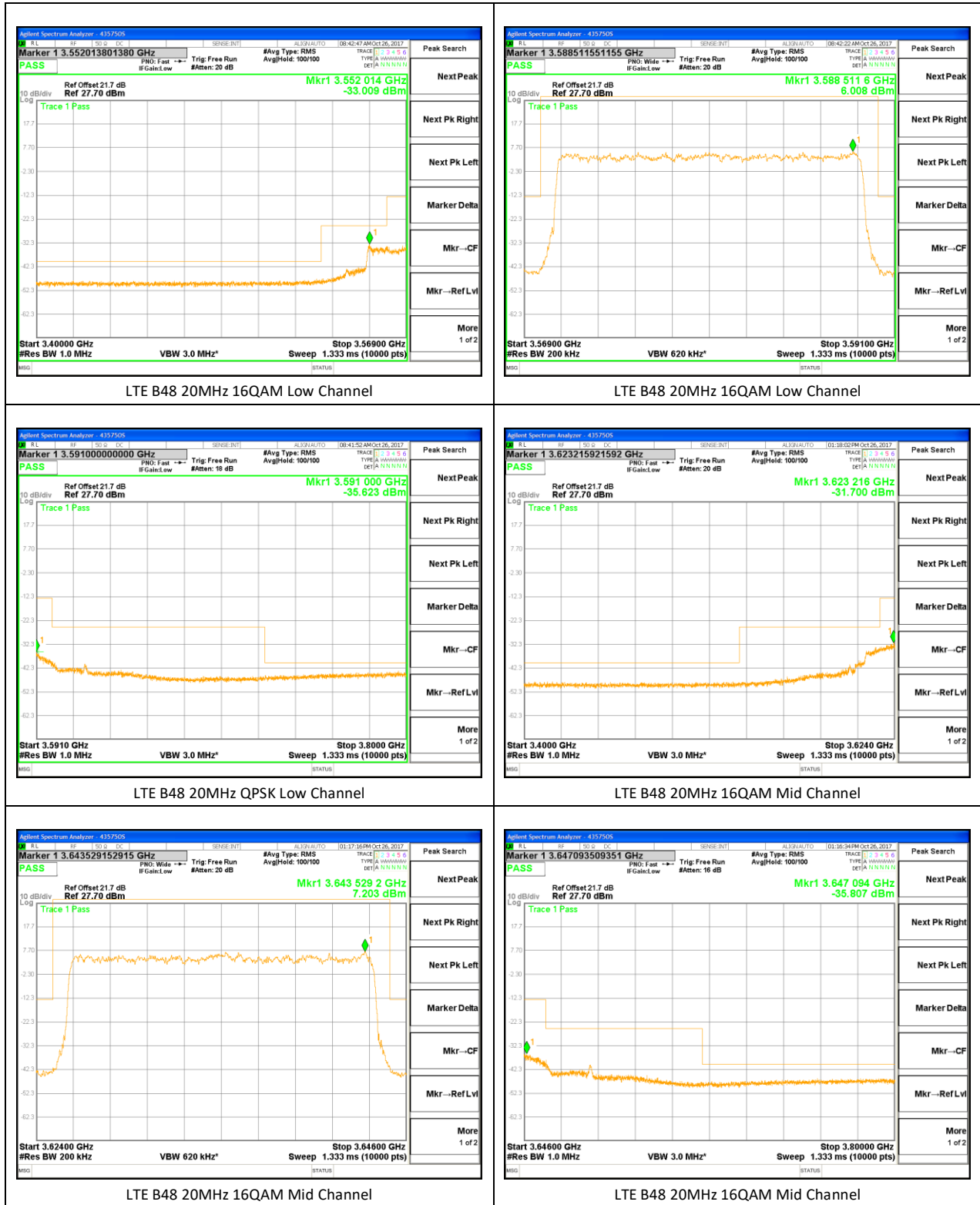
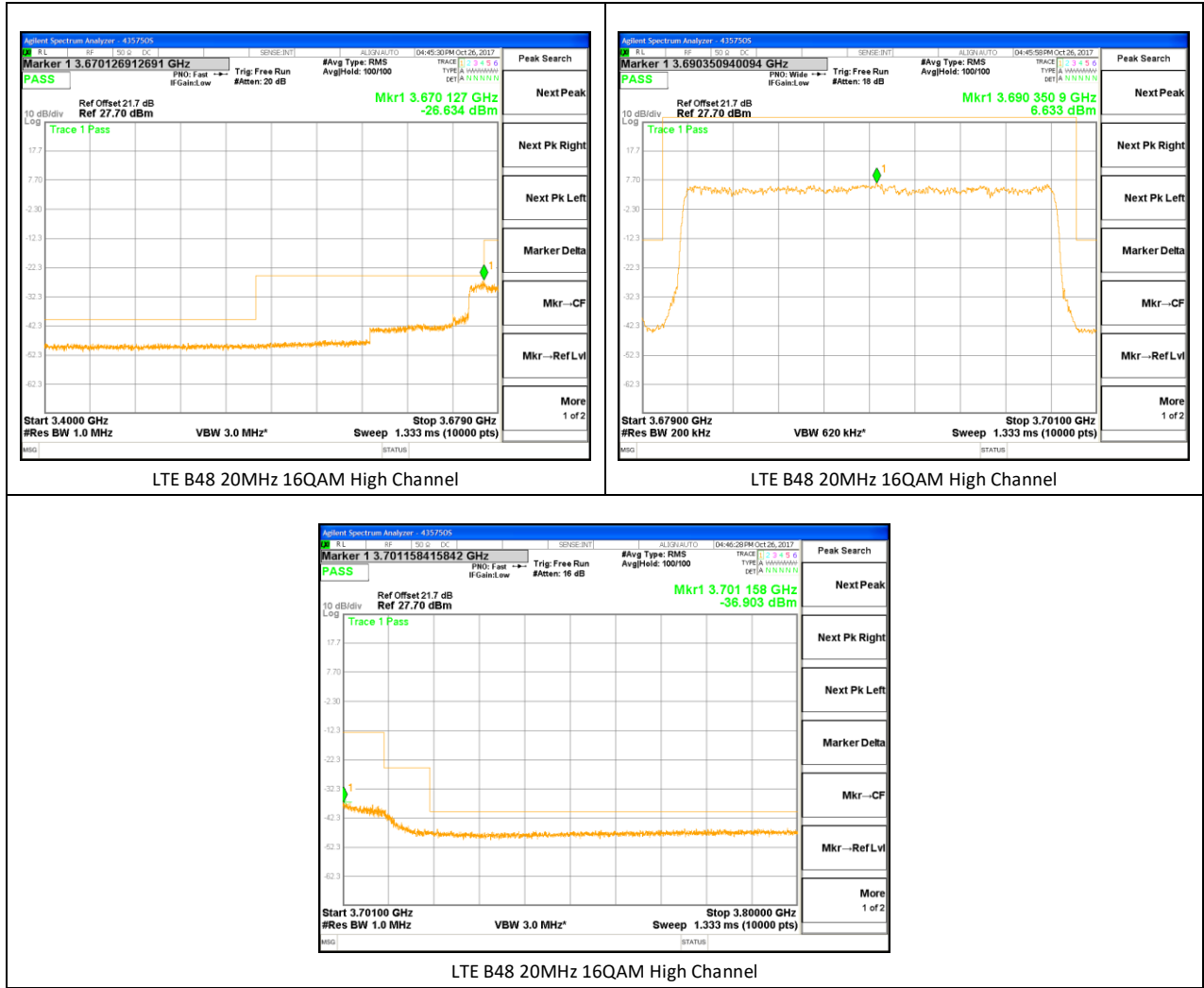
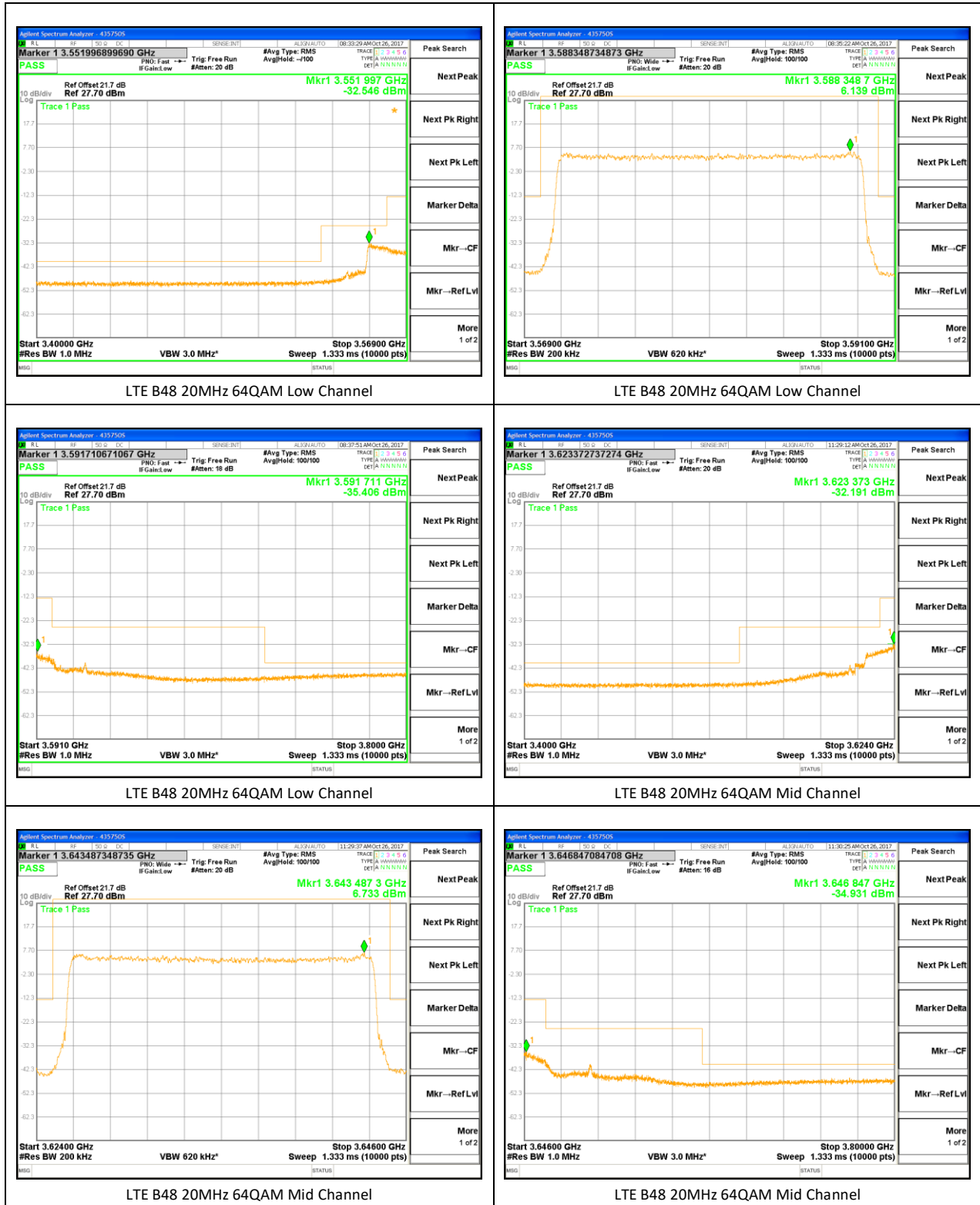


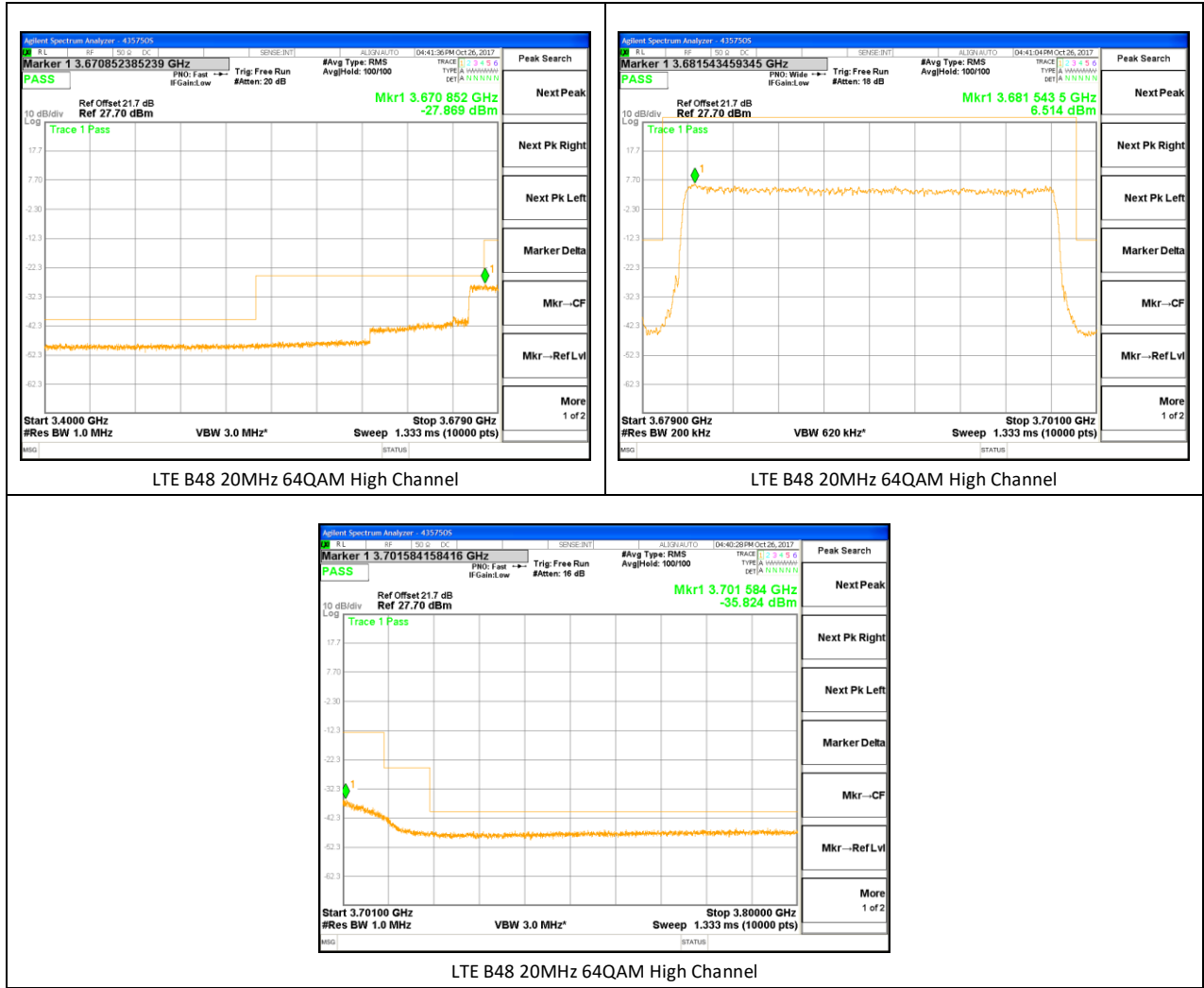
Antenna Port C 20MHz 16QAM





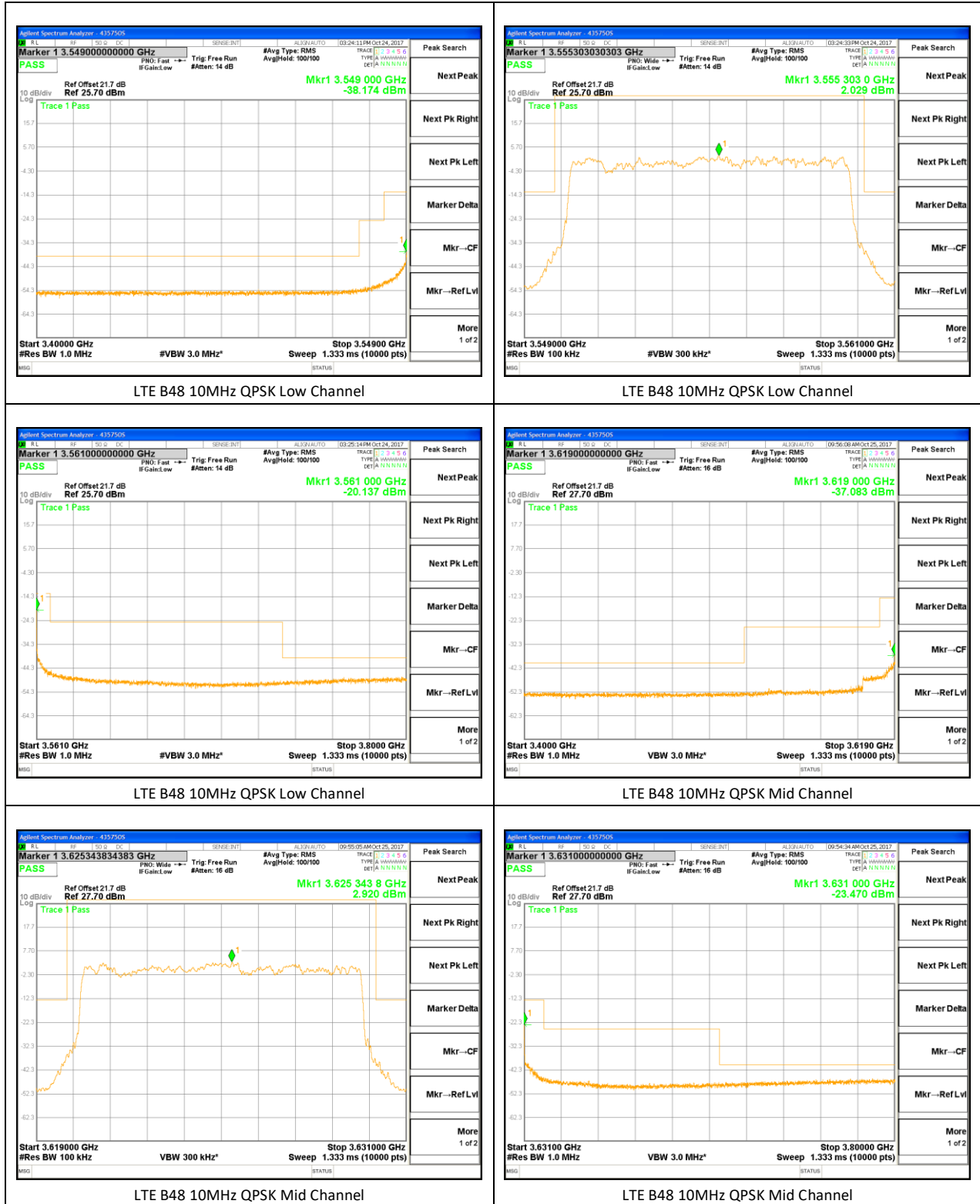
Antenna Port C 20MHz 64QAM

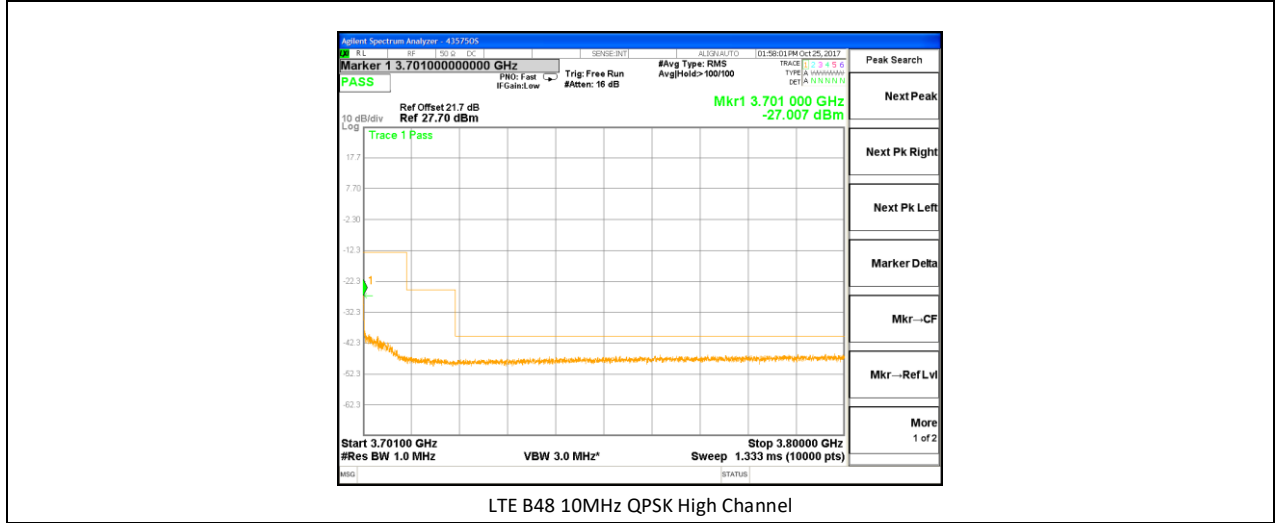
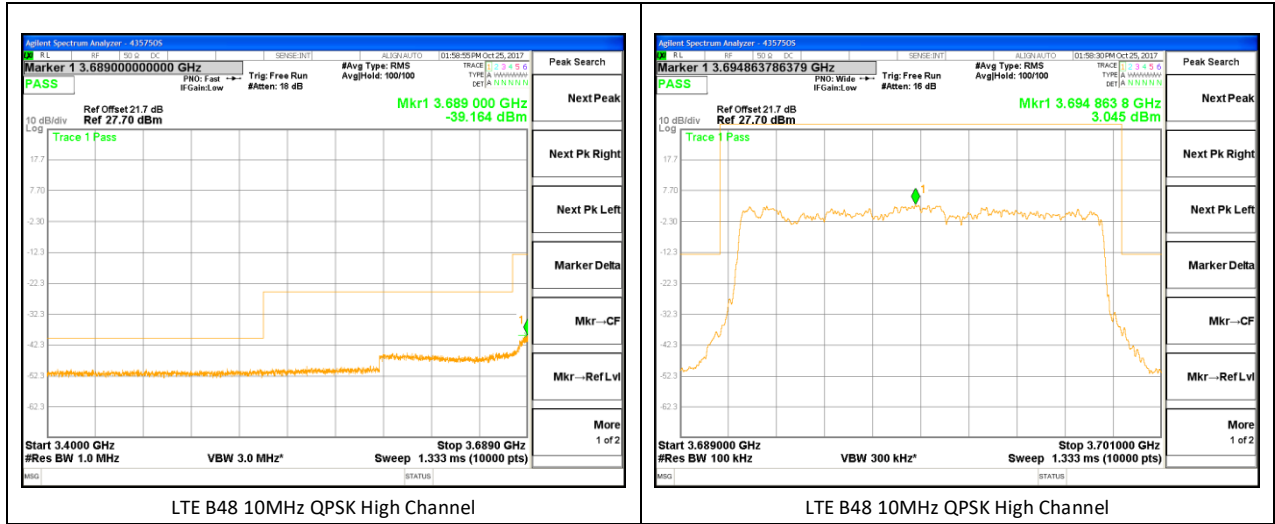




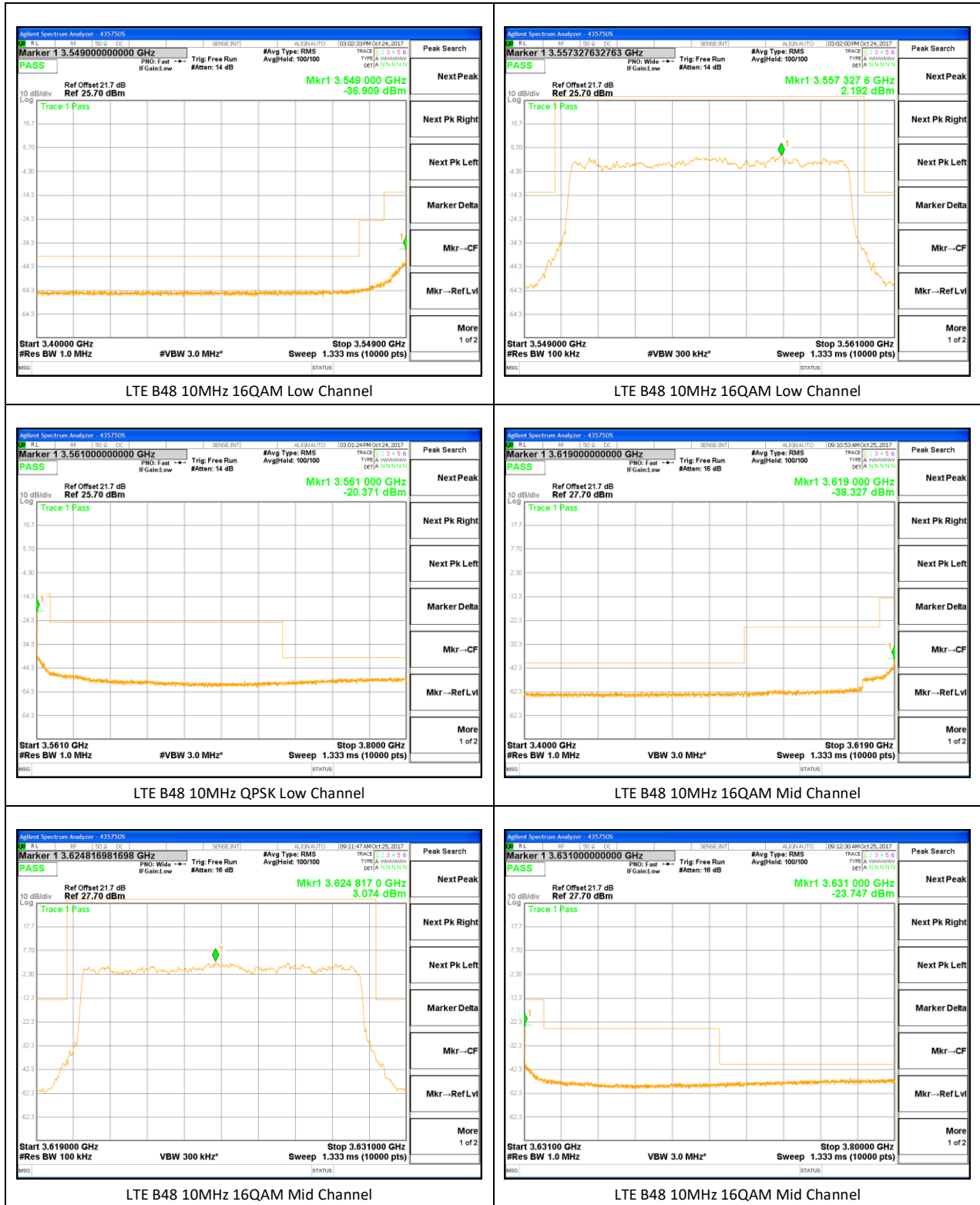
**OUT OF BAND EMISSIONS RESULT AND PLOTS DIRECTIONAL ANTENNA PORT D**

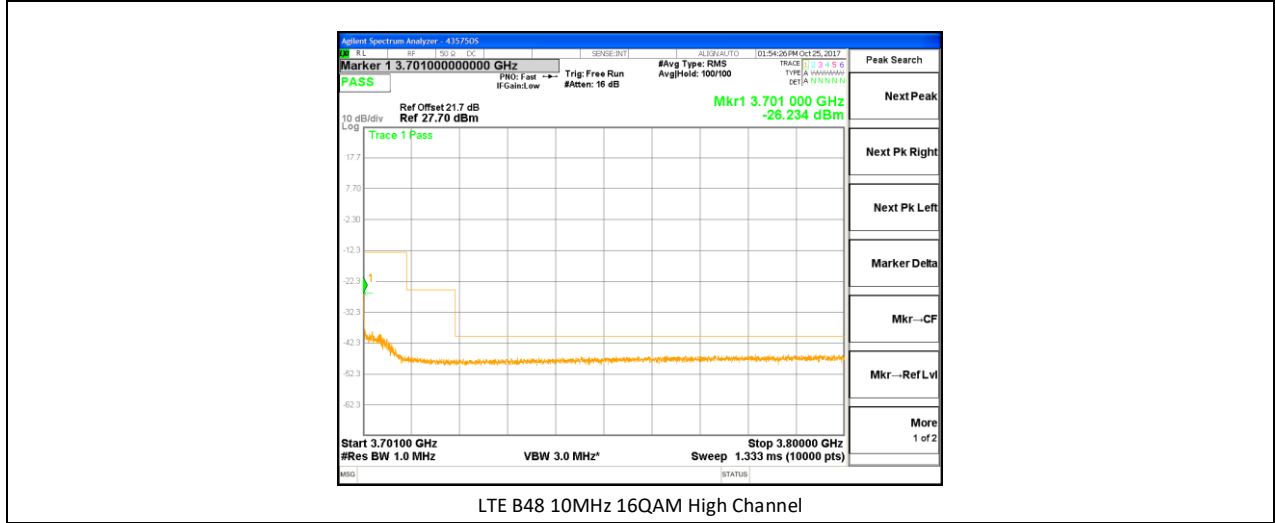
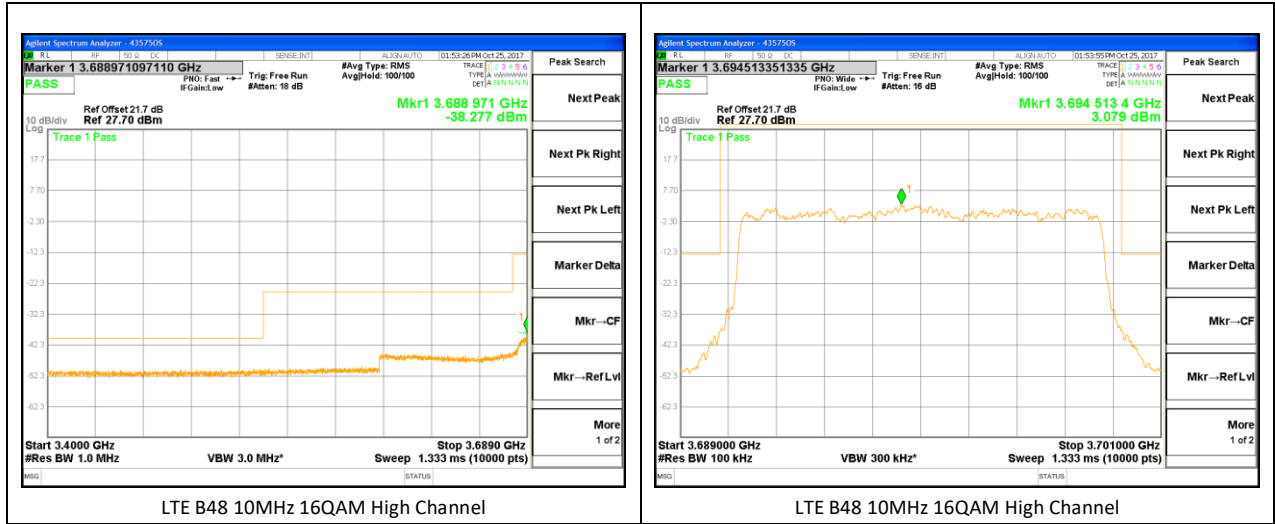
**Antenna Port D 10MHz QPSK**



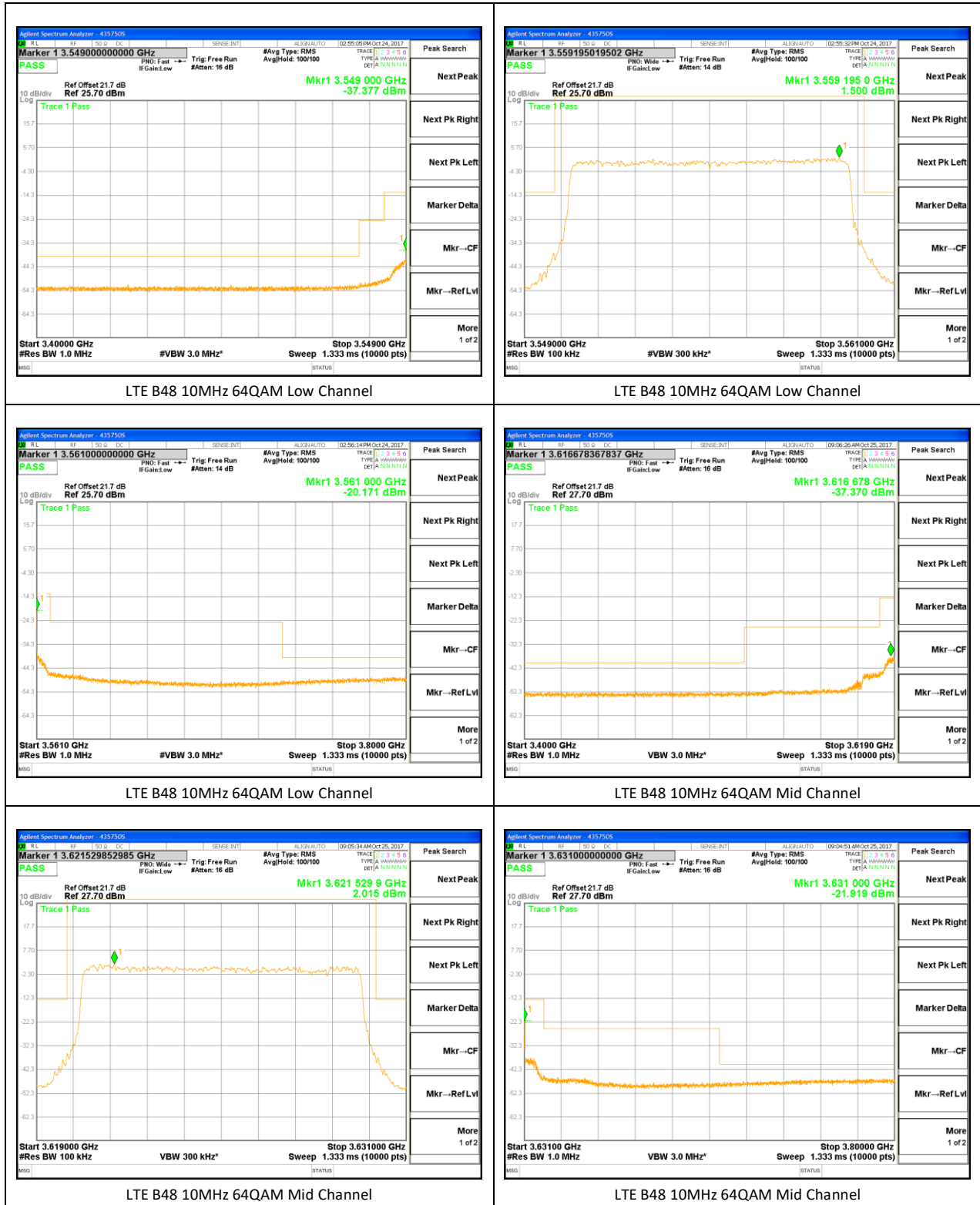


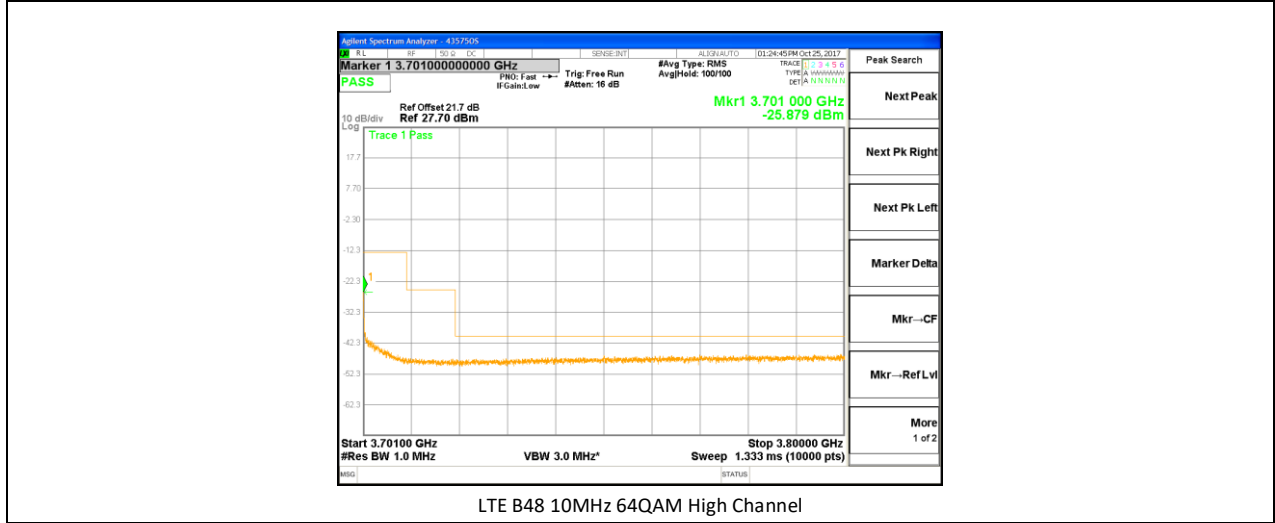
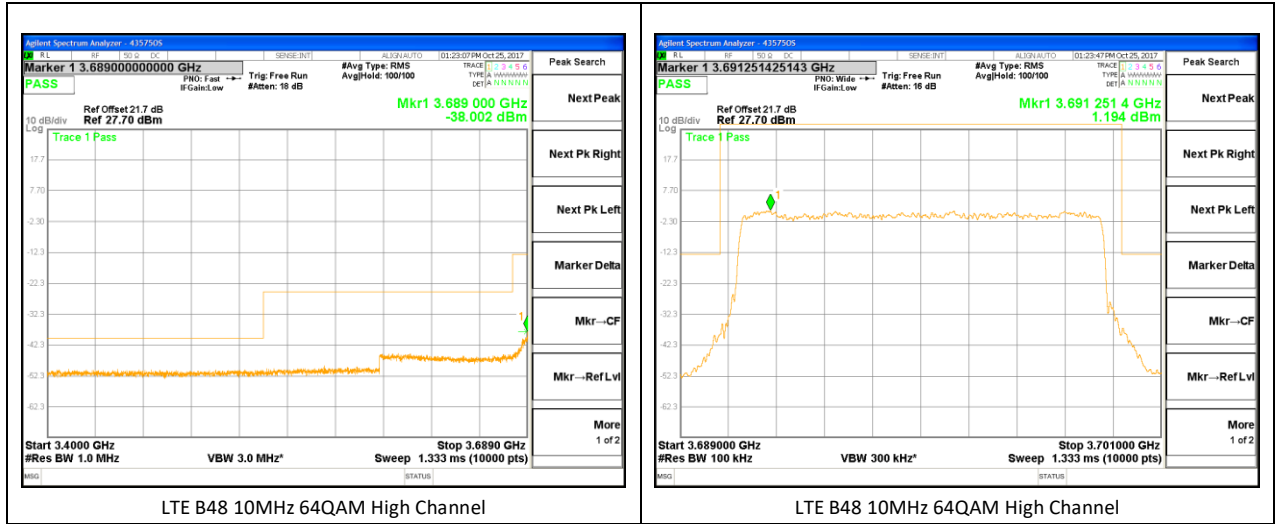
Antenna Port D 10MHz 16QAM



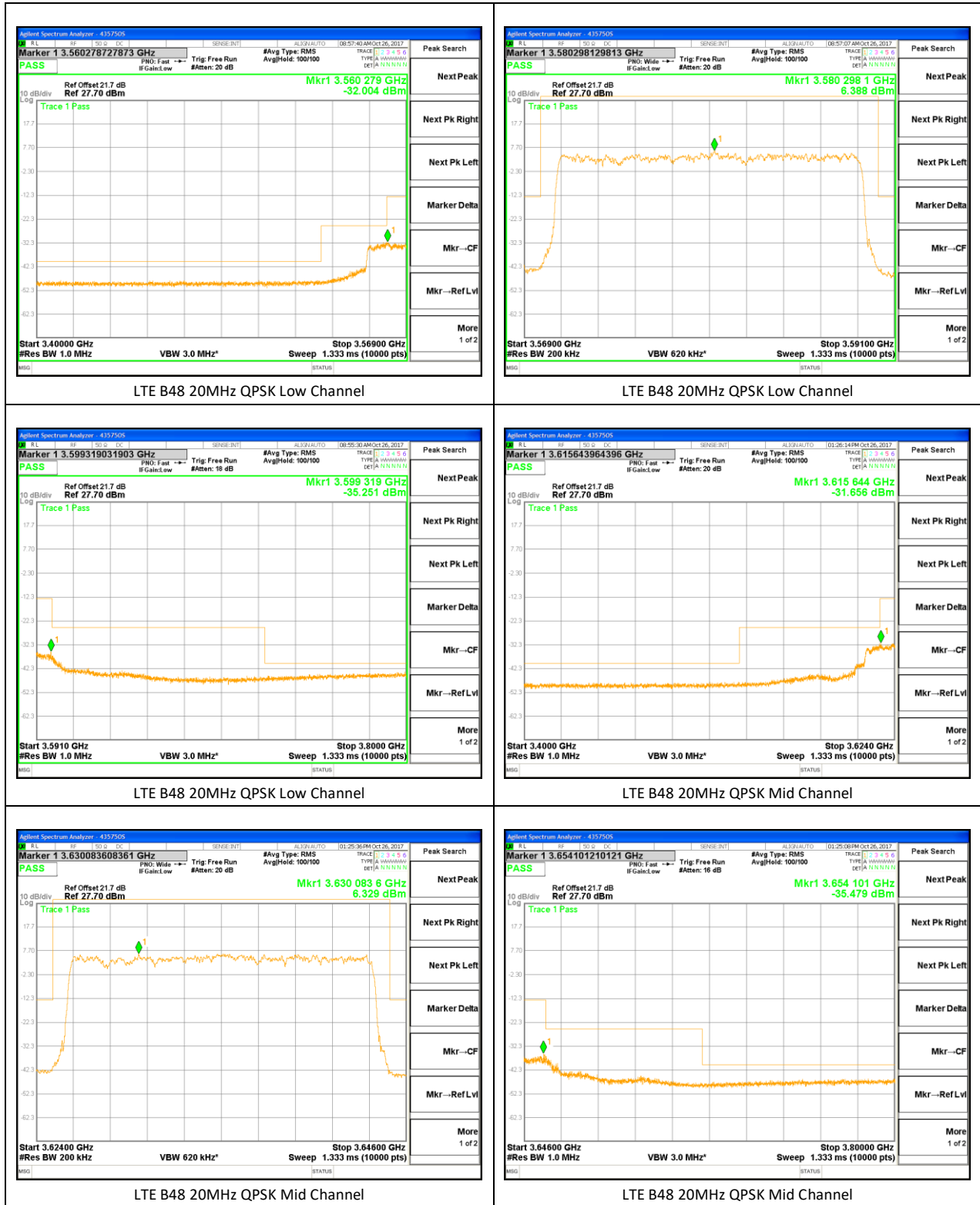


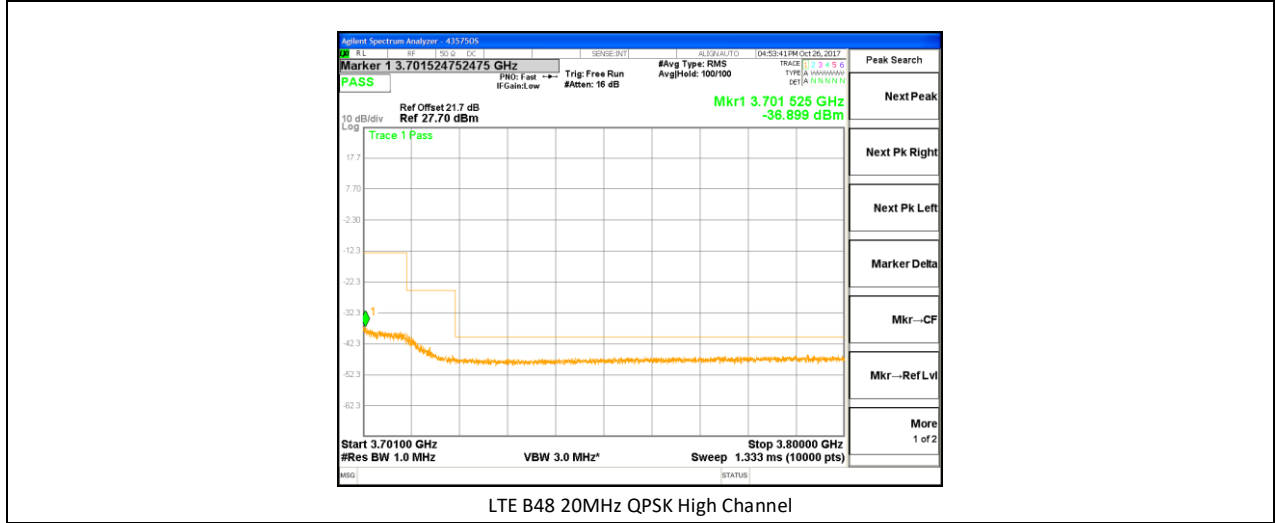
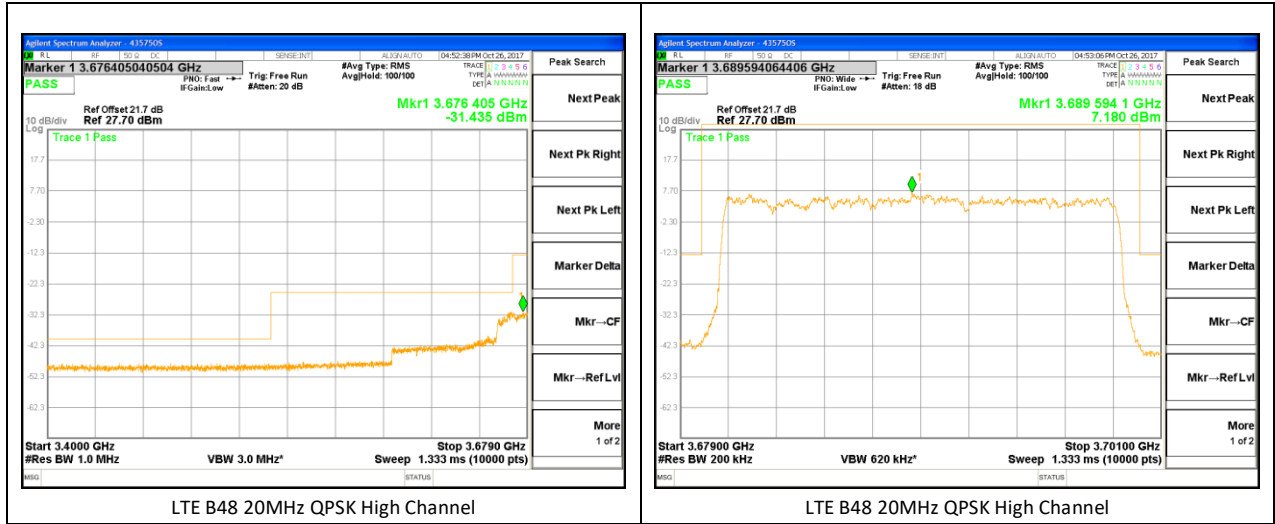
Antenna Port D 10MHz 64QAM



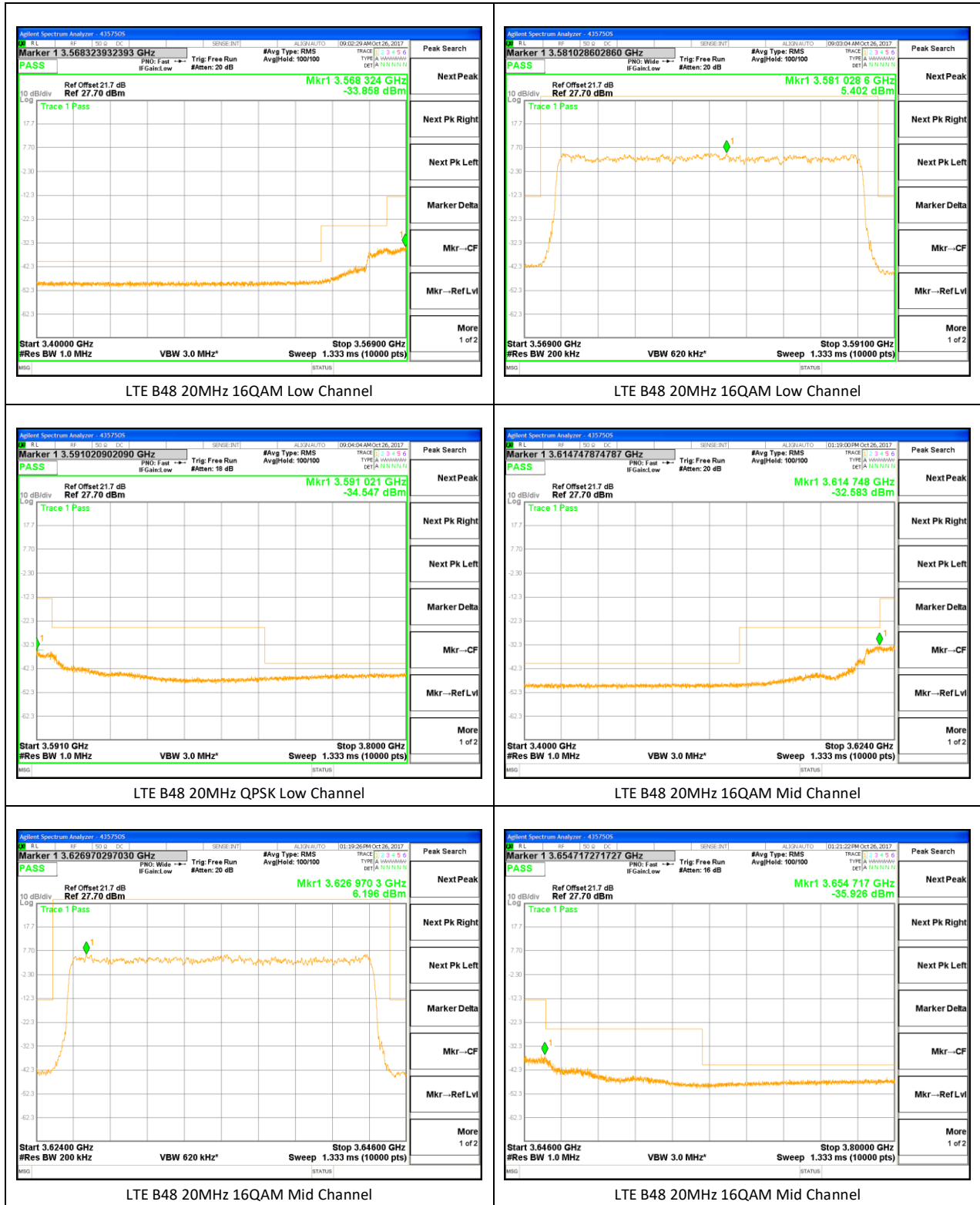


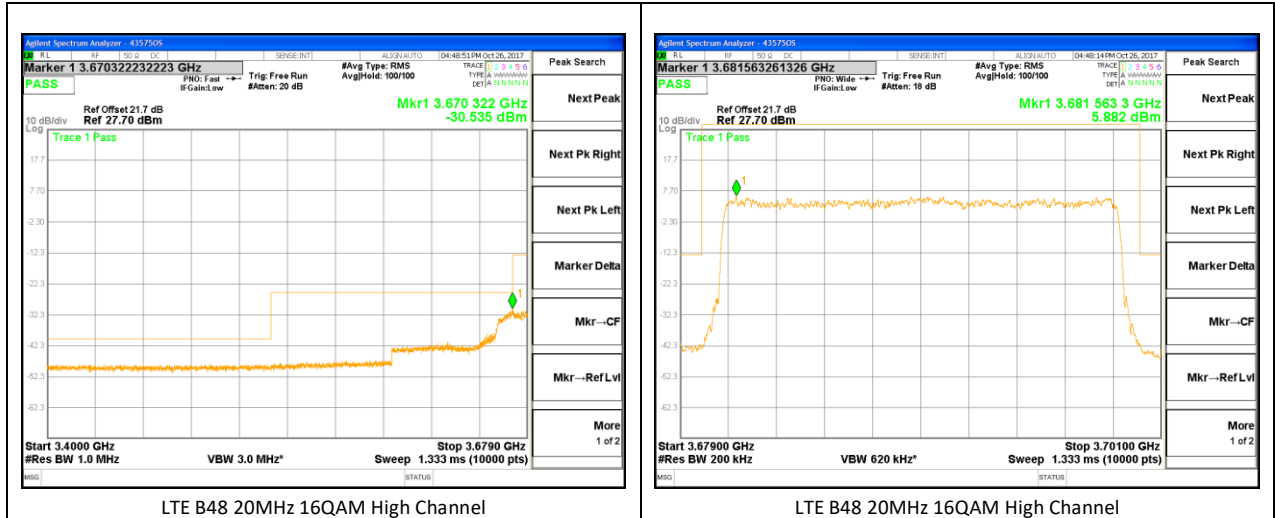
Antenna Port D 20MHz QPSK





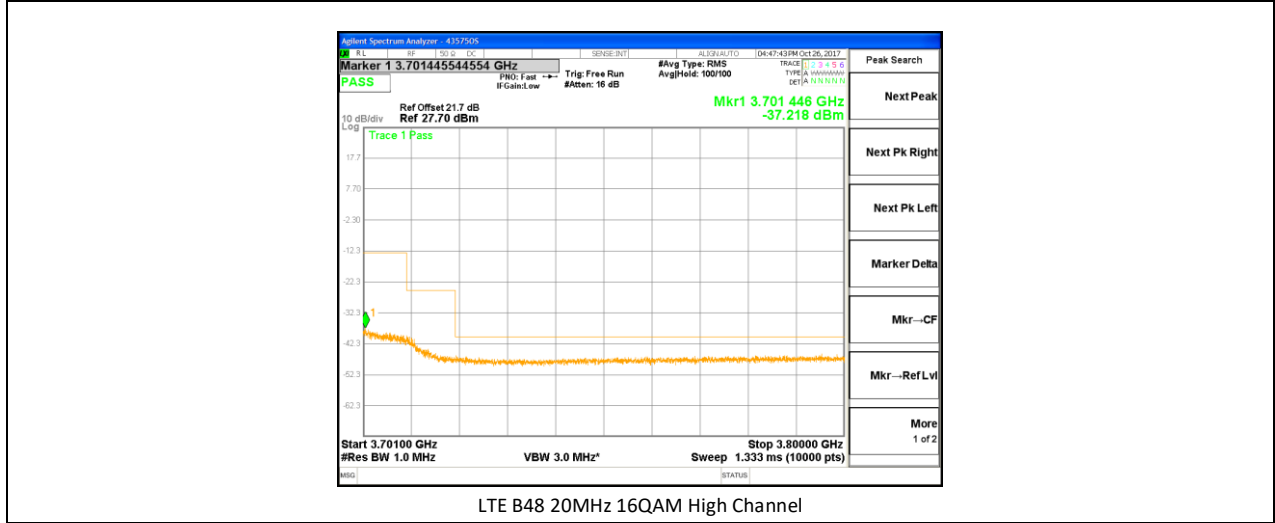
Antenna Port D 20MHz 16QAM





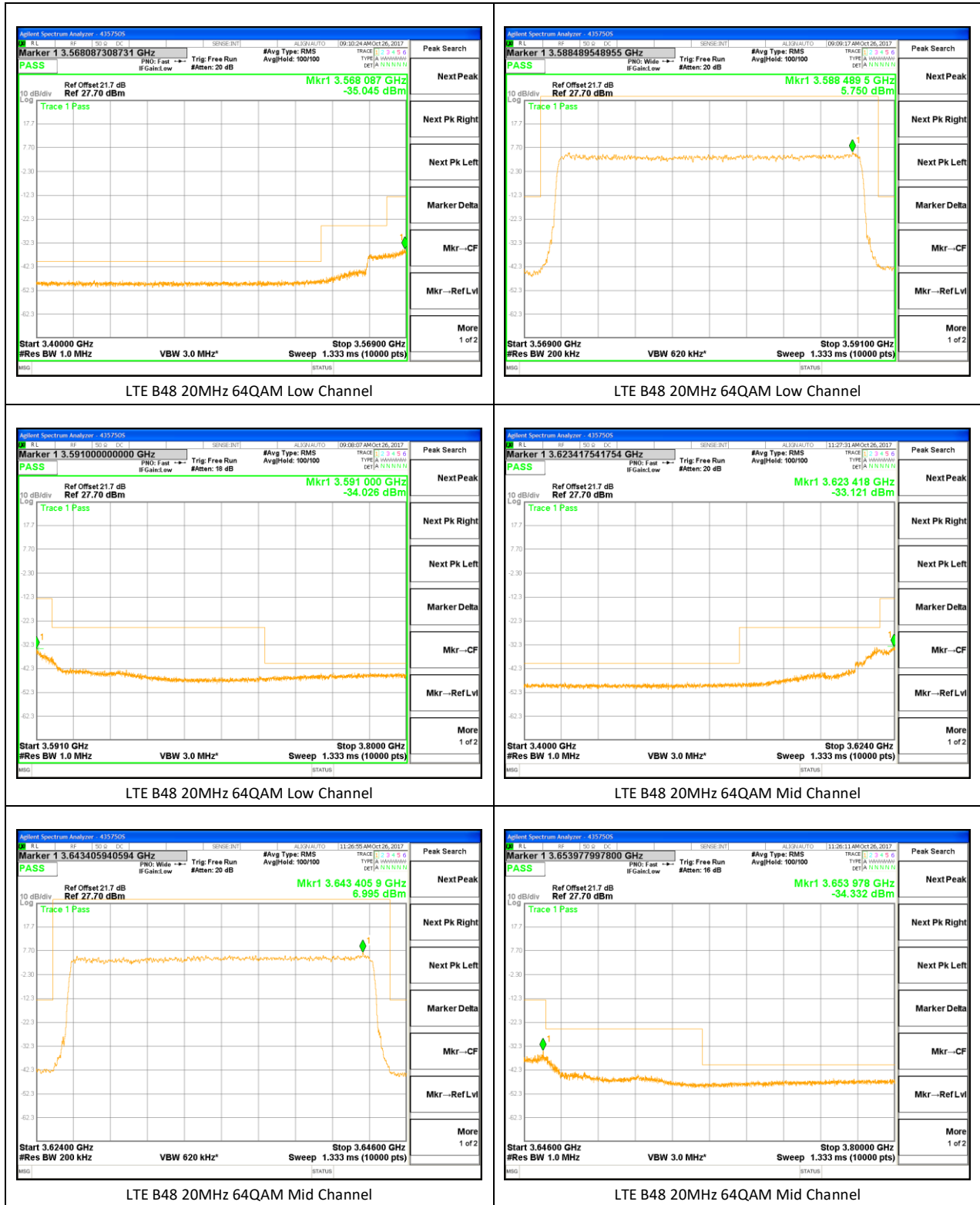
LTE B48 20MHz 16QAM High Channel

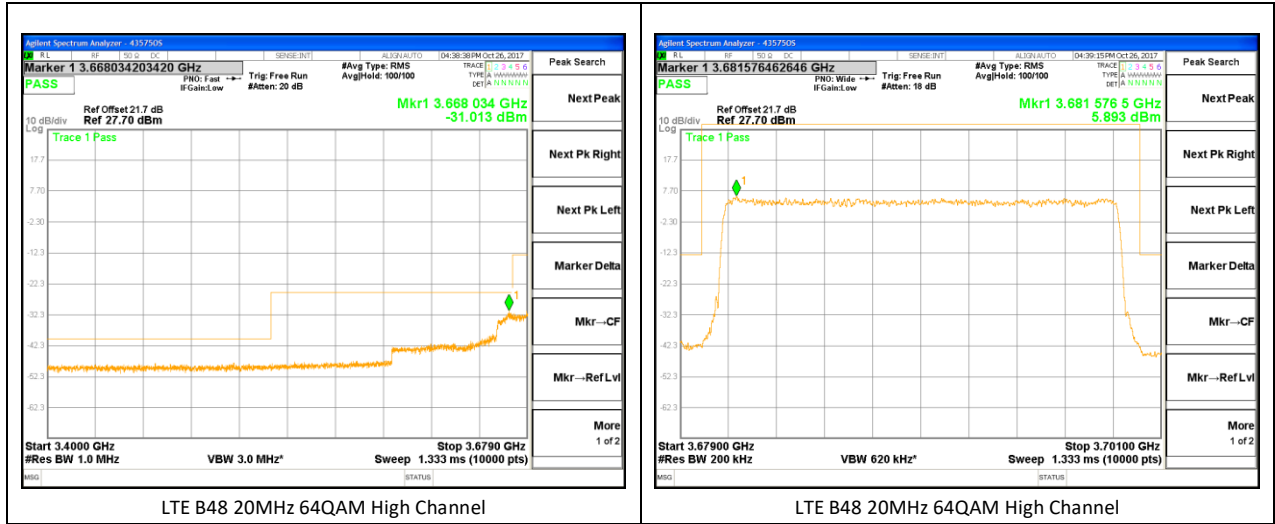
LTE B48 20MHz 16QAM High Channel



LTE B48 20MHz 16QAM High Channel

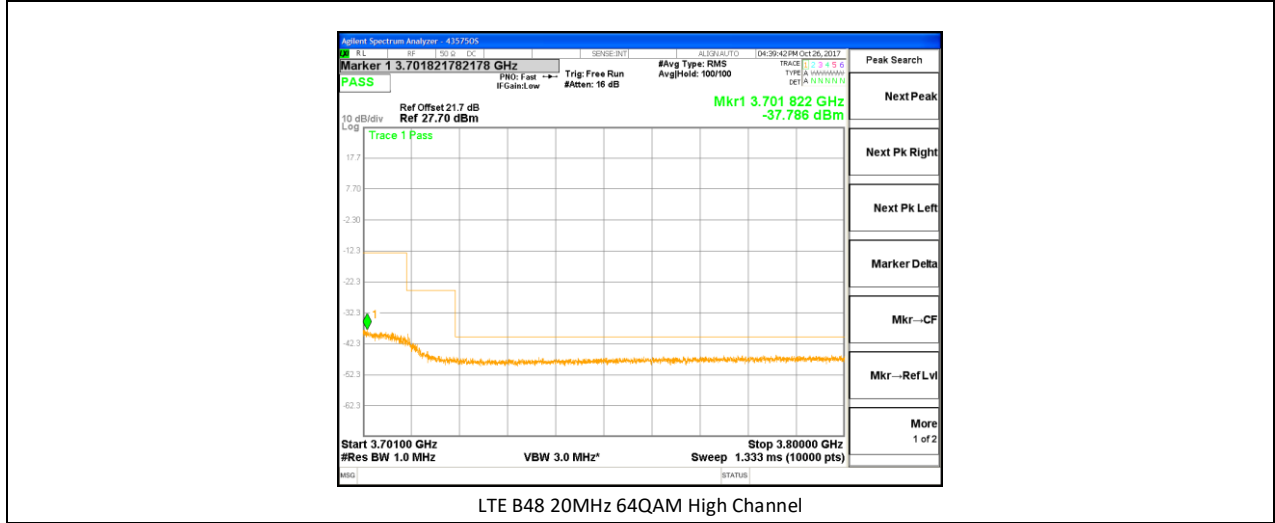
Antenna Port D 20MHz 64QAM





LTE B48 20MHz 64QAM High Channel

LTE B48 20MHz 64QAM High Channel



LTE B48 20MHz 64QAM High Channel

## 7.6. OUT OF BAND EMISSIONS

### RULE PART(S)

FCC: §96.41

### FCC LIMITS

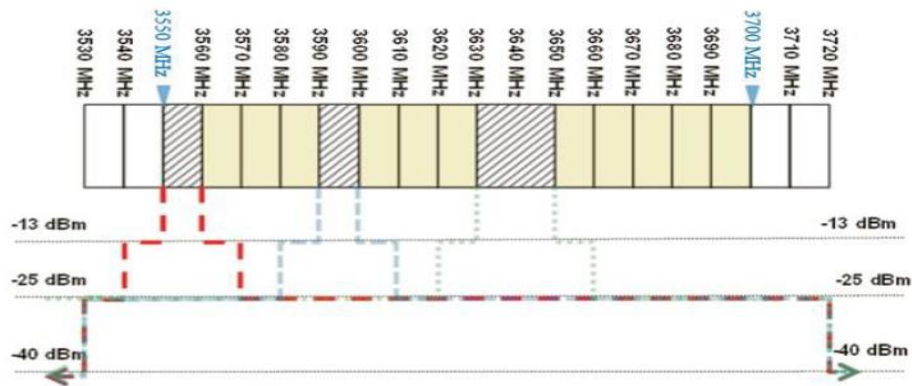
Additional protection levels. Notwithstanding paragraph (d)(1) of this section, the conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

### TEST PROCEDURE

Per KDB 971168 D01 Power Meas License Digital Systems v02r02

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in a maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

### RESULTS



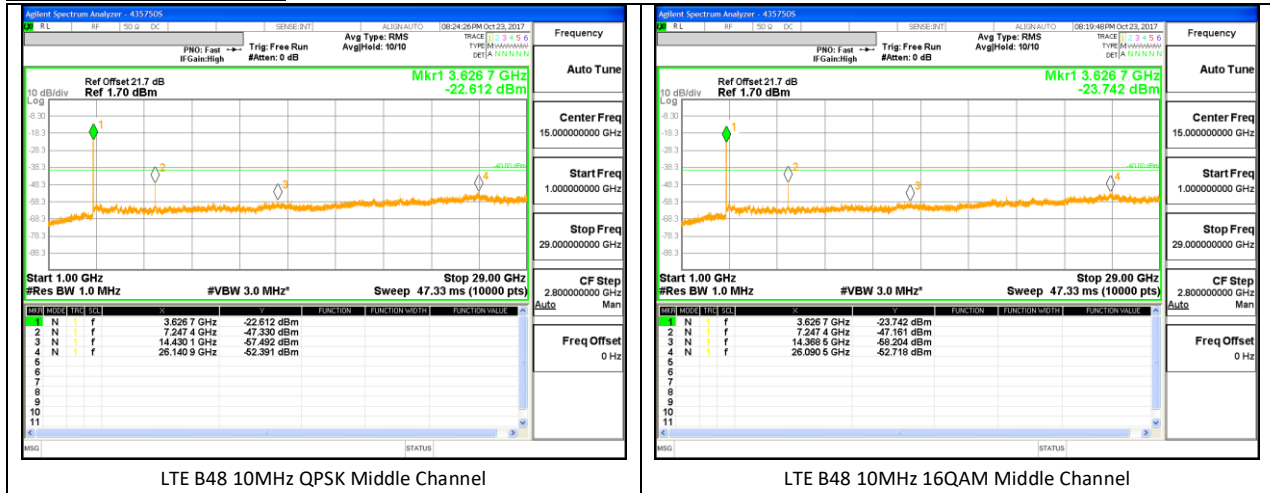
Measurements must be performed for low, mid, and high channels. It is acceptable to apply the procedures in Section 5.7 of ANSI C63.26-2015 using the following settings, per § 96.41(e)(3).

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

- Resolution bandwidth<sup>7</sup>:
  - 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.

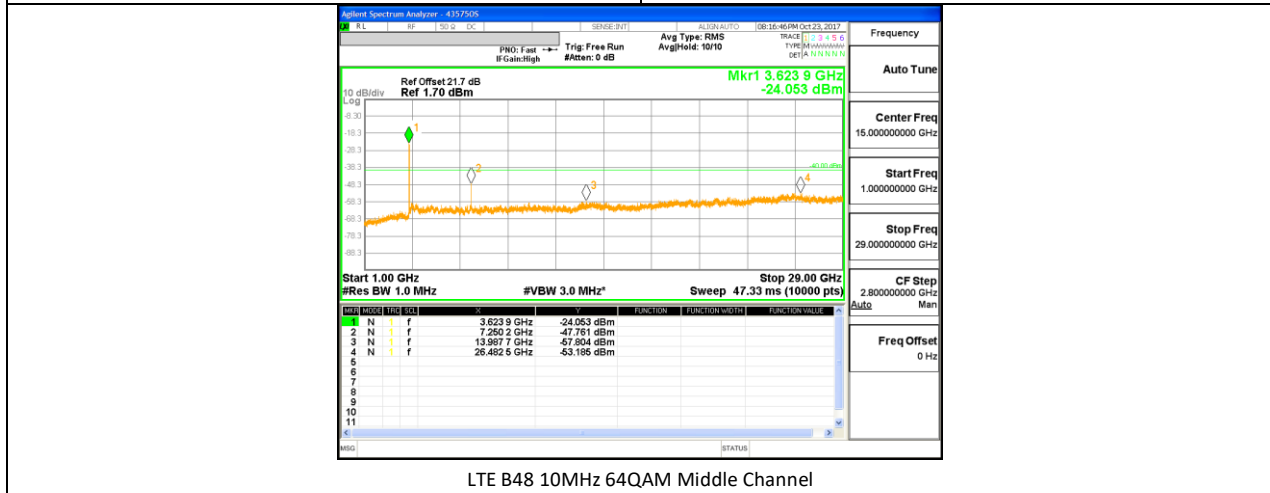
**OUT OF BAND EMISSIONS PLOTS FOR OMNI ANTENNA**

**Antenna Port A 10MHz**



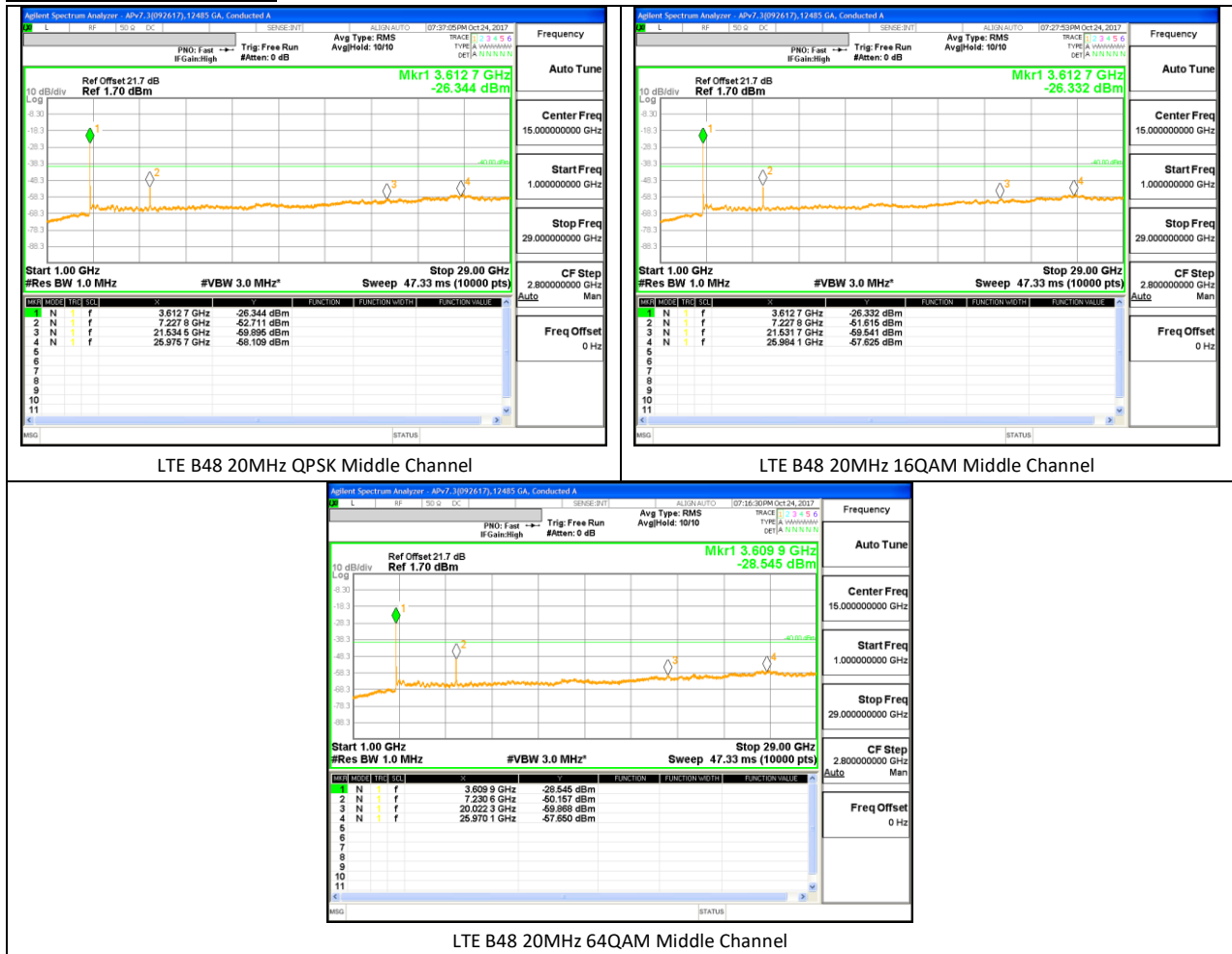
LTE B48 10MHz QPSK Middle Channel

LTE B48 10MHz 16QAM Middle Channel



LTE B48 10MHz 64QAM Middle Channel

Antenna Port A 20MHz



**Antenna Port B 10MHz**

