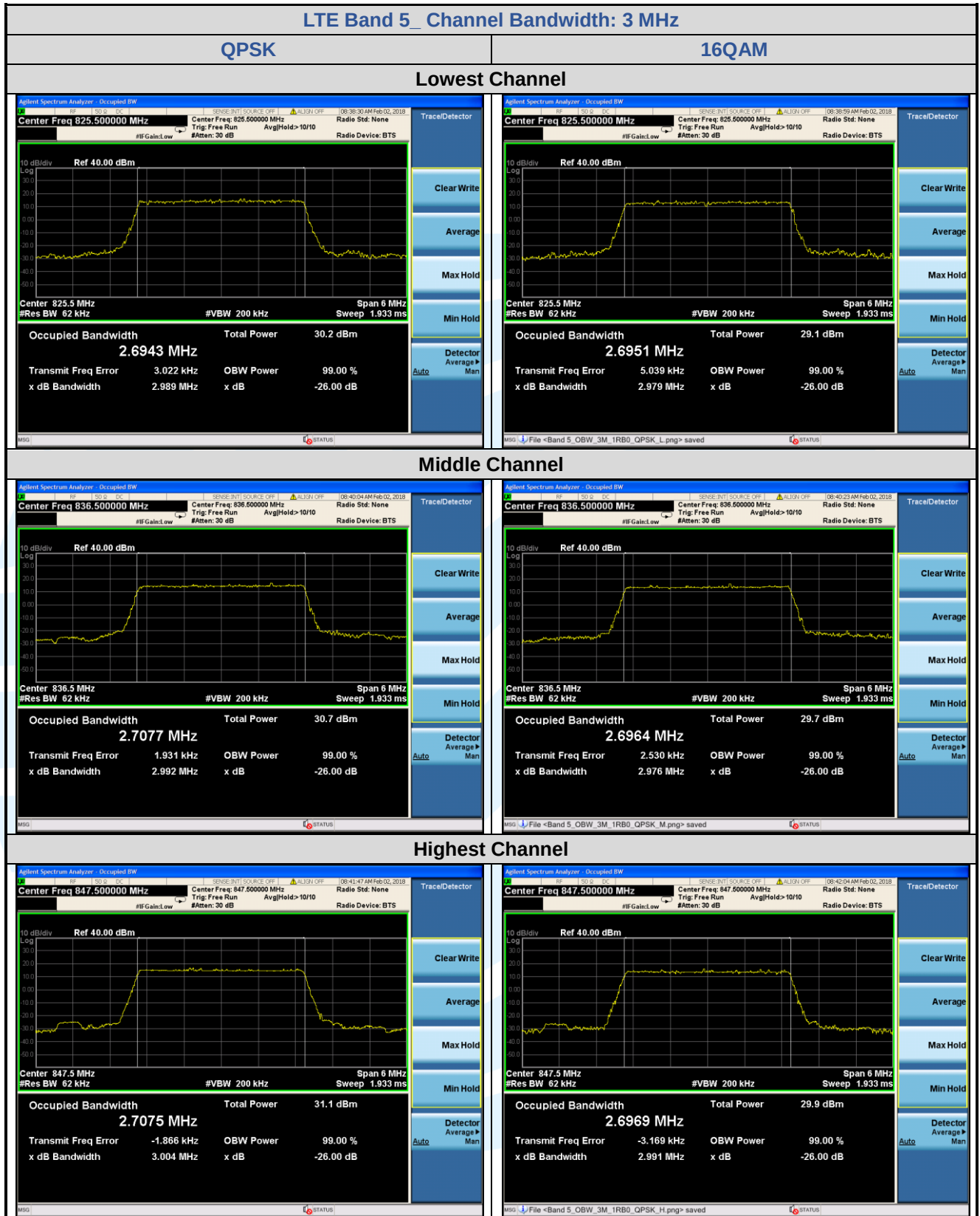
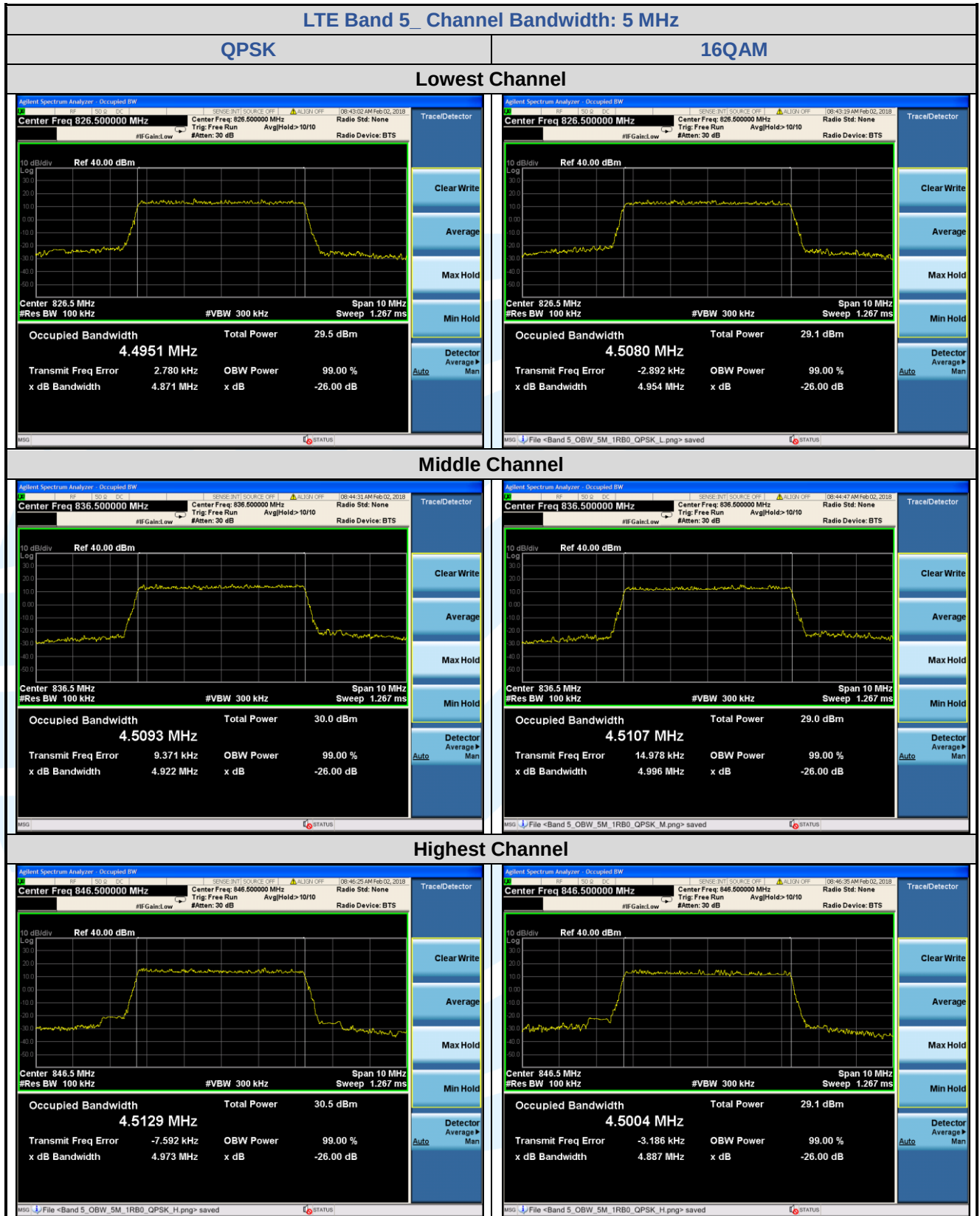
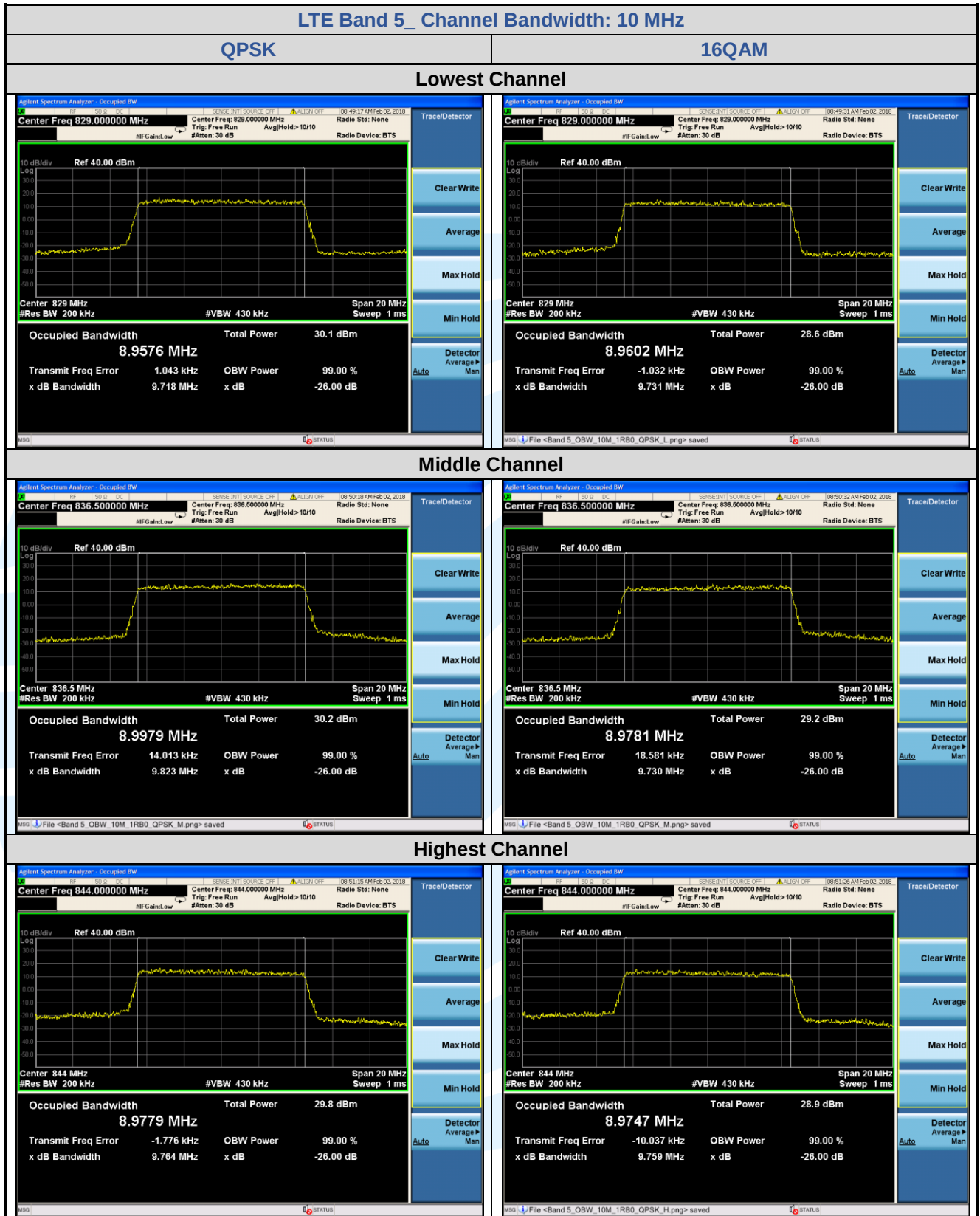
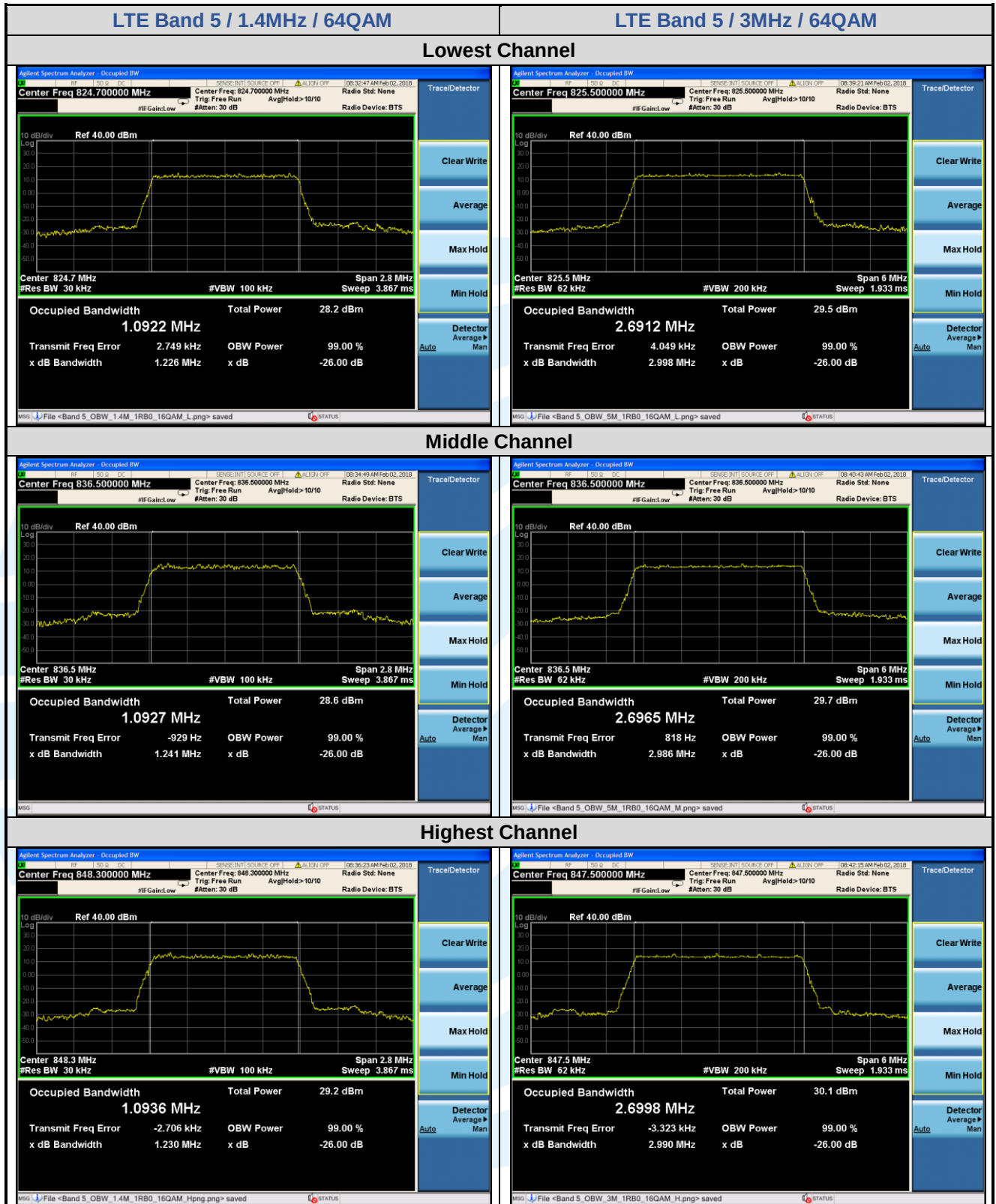
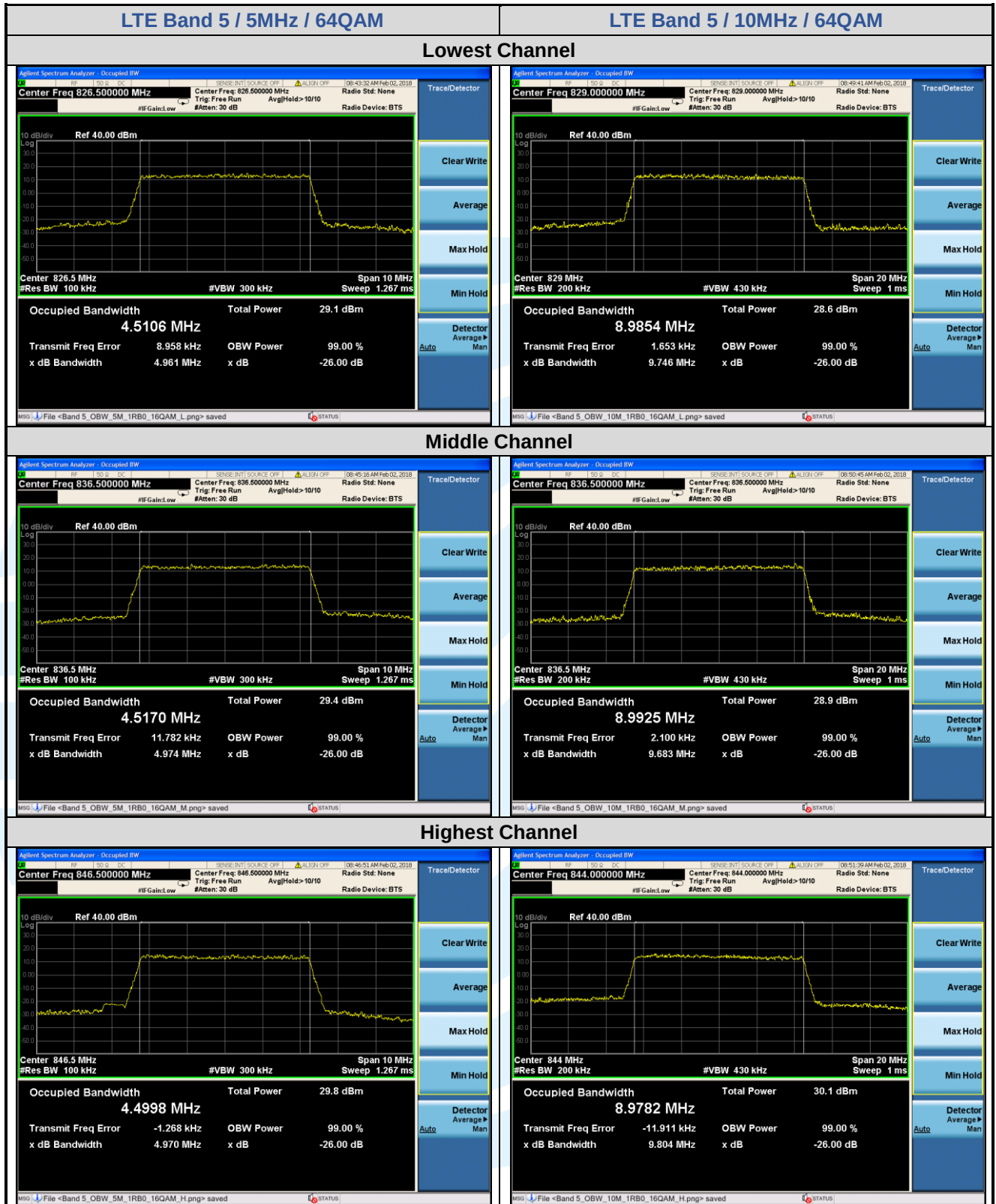












5.6 BAND EDGE AT ANTENNA TERMINALS

Test Requirement: FCC 47 CFR Part 2.1051 & FCC 47 CFR Part 22.917(a)

Test Method: ANSI/TIA-603-E-2016 & KDB 971168 D01v03

Limit:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13 dBm.

Test Procedure:

The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer.

For each band edge measurement:

- 1) Set the spectrum analyzer span to include the block edge frequency.
- 2) Set a marker to point the corresponding band edge frequency in each test case.
- 3) Set display line at -13 dBm
- 4) Set resolution bandwidth to at least 1% of emission bandwidth.
- 5) Set spectrum analyzer with RMS detector.
- 6) Record the max trace plot into the test report

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

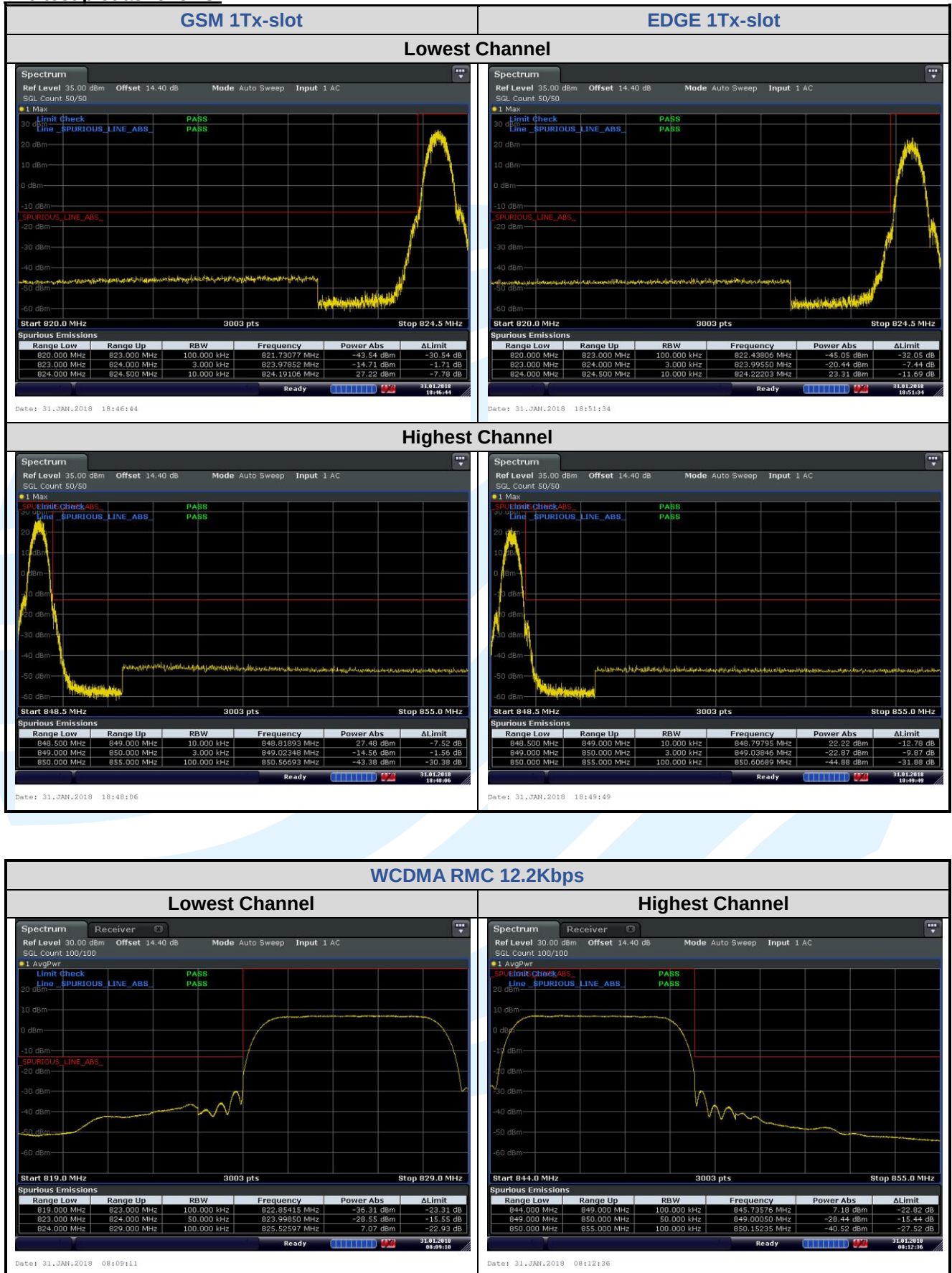
Test Setup: Refer to section 4.2.2 for details.

Instruments Used: Refer to section 3 for details

Test Mode: Link mode

Test Results: Pass

The test plot as follows:



WCDMA RMC 12.2Kbps

Lowest Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
819.000 MHz	823.000 MHz	100.000 kHz	822.85415 MHz	-36.31 dBm	-23.31 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99850 MHz	-28.55 dBm	-15.55 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.52597 MHz	7.07 dBm	-22.93 dB

Date: 31.JAN.2018 08:09:11

WCDMA RMC 12.2Kbps

Highest Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.73576 MHz	7.18 dBm	-22.82 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-28.44 dBm	-15.44 dB
850.000 MHz	855.000 MHz	100.000 kHz	850.15235 MHz	-40.52 dBm	-27.52 dB

Date: 31.JAN.2018 08:12:36

