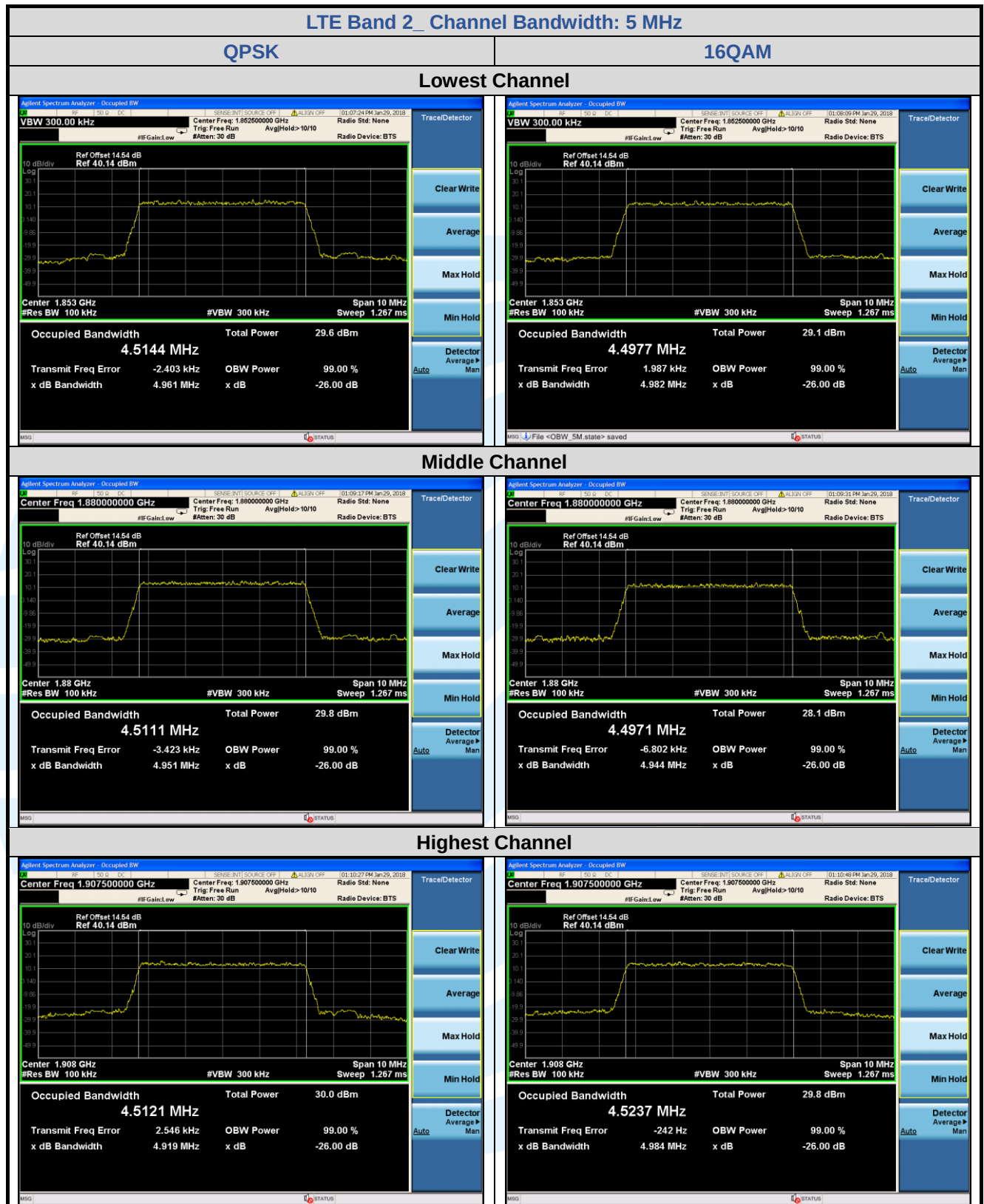
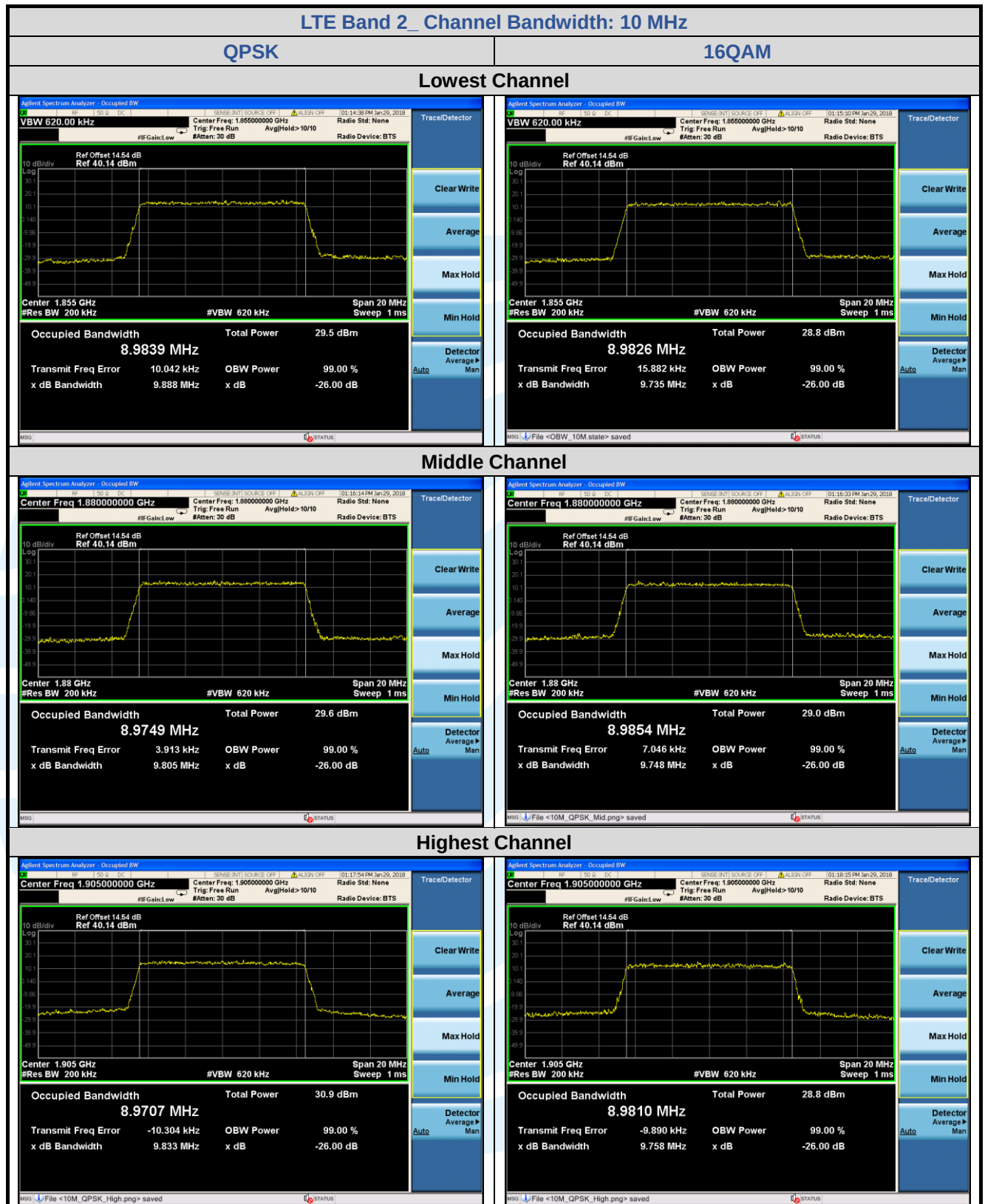
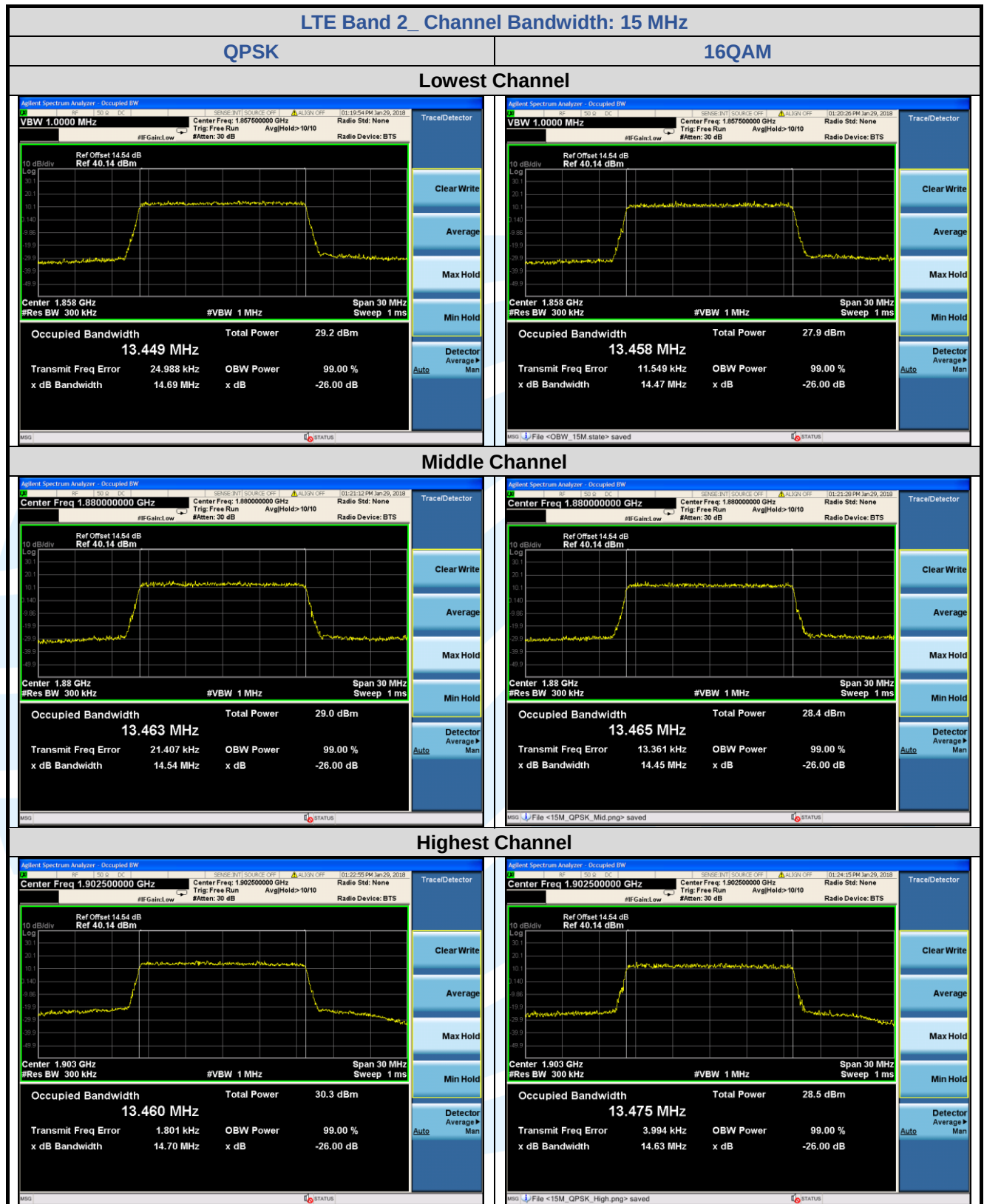
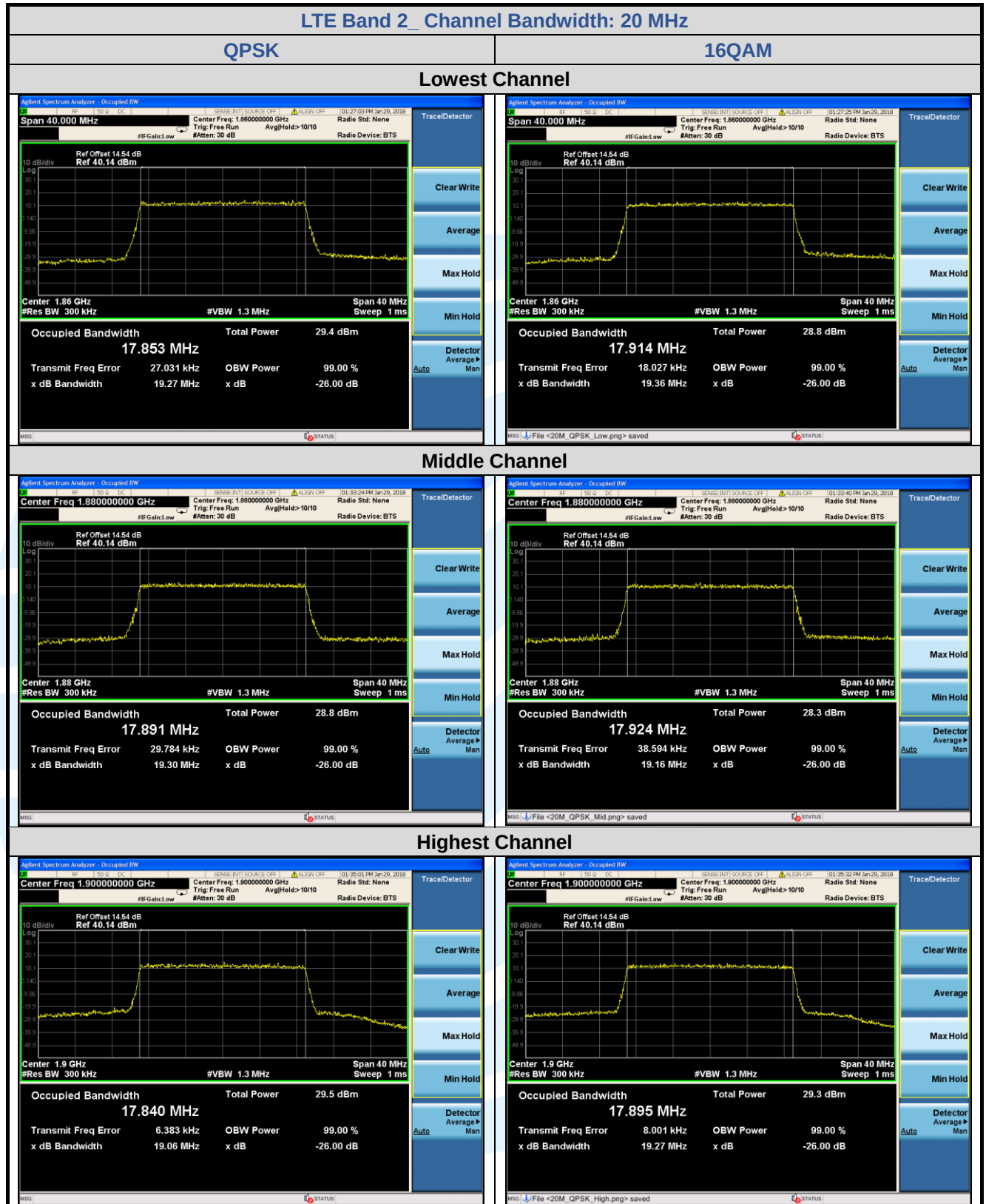
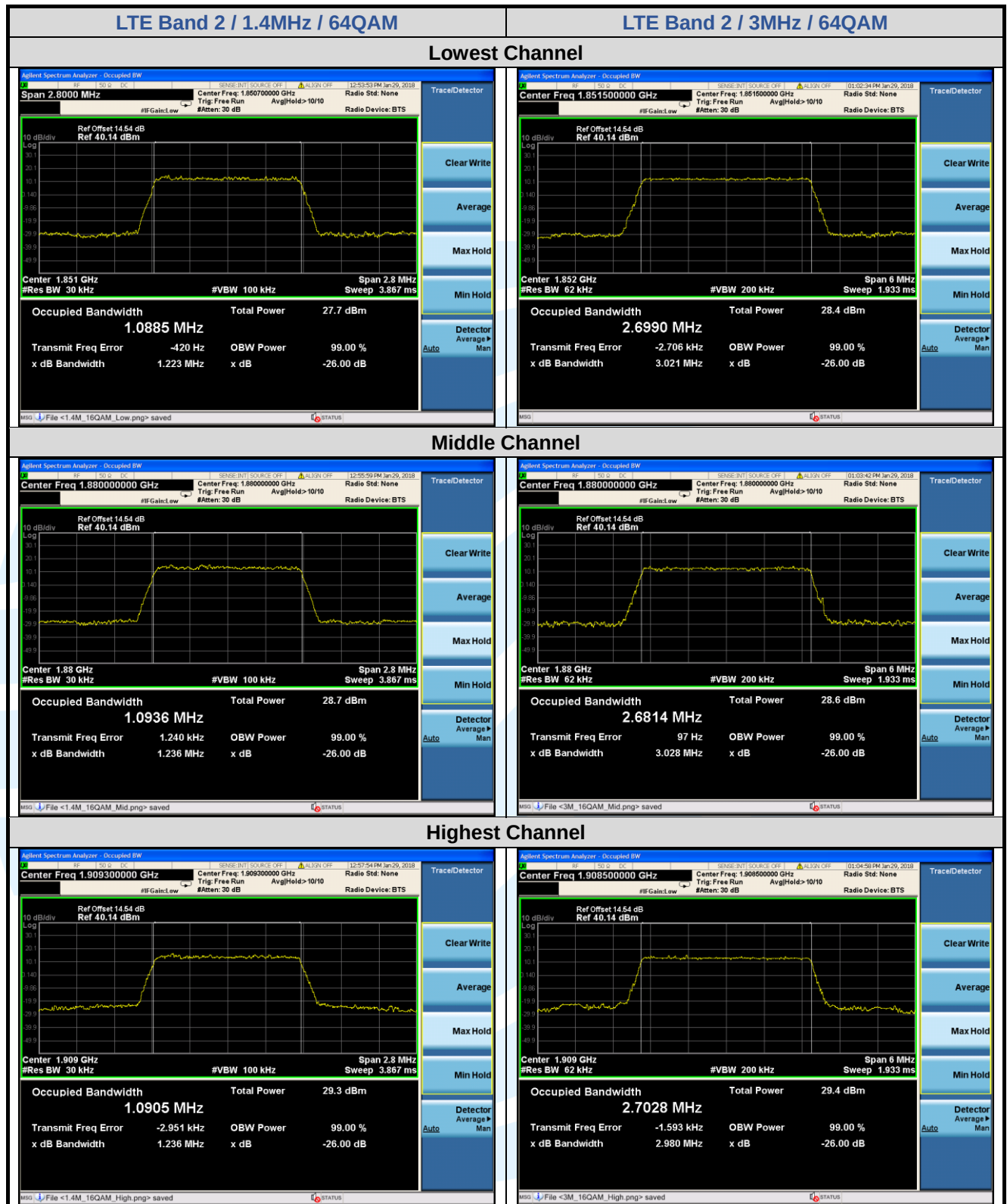


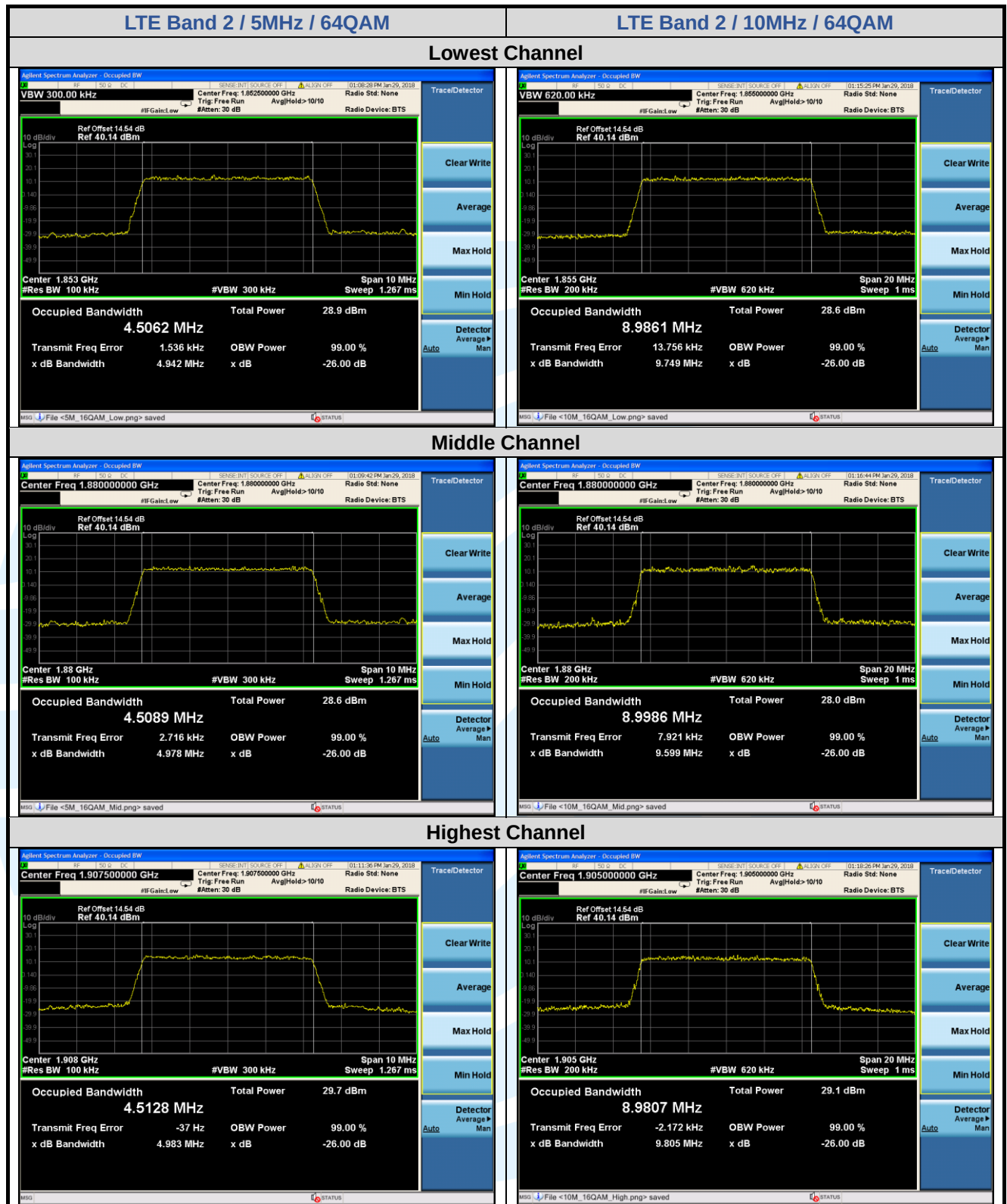


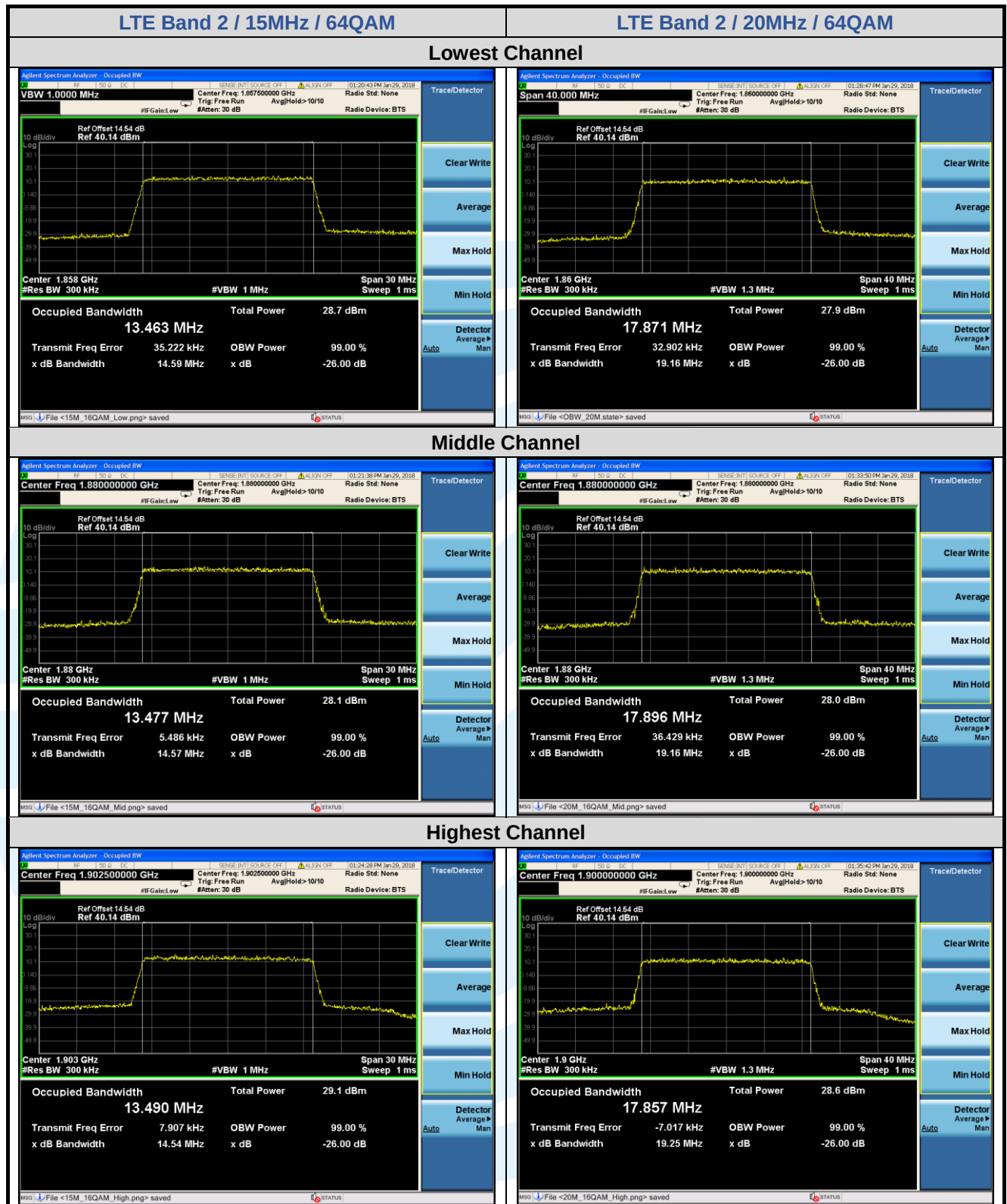












5.6 BAND EDGE AT ANTENNA TERMINALS

Test Requirement: FCC 47 CFR Part 2.1051 & FCC 47 CFR Part 24.238(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.

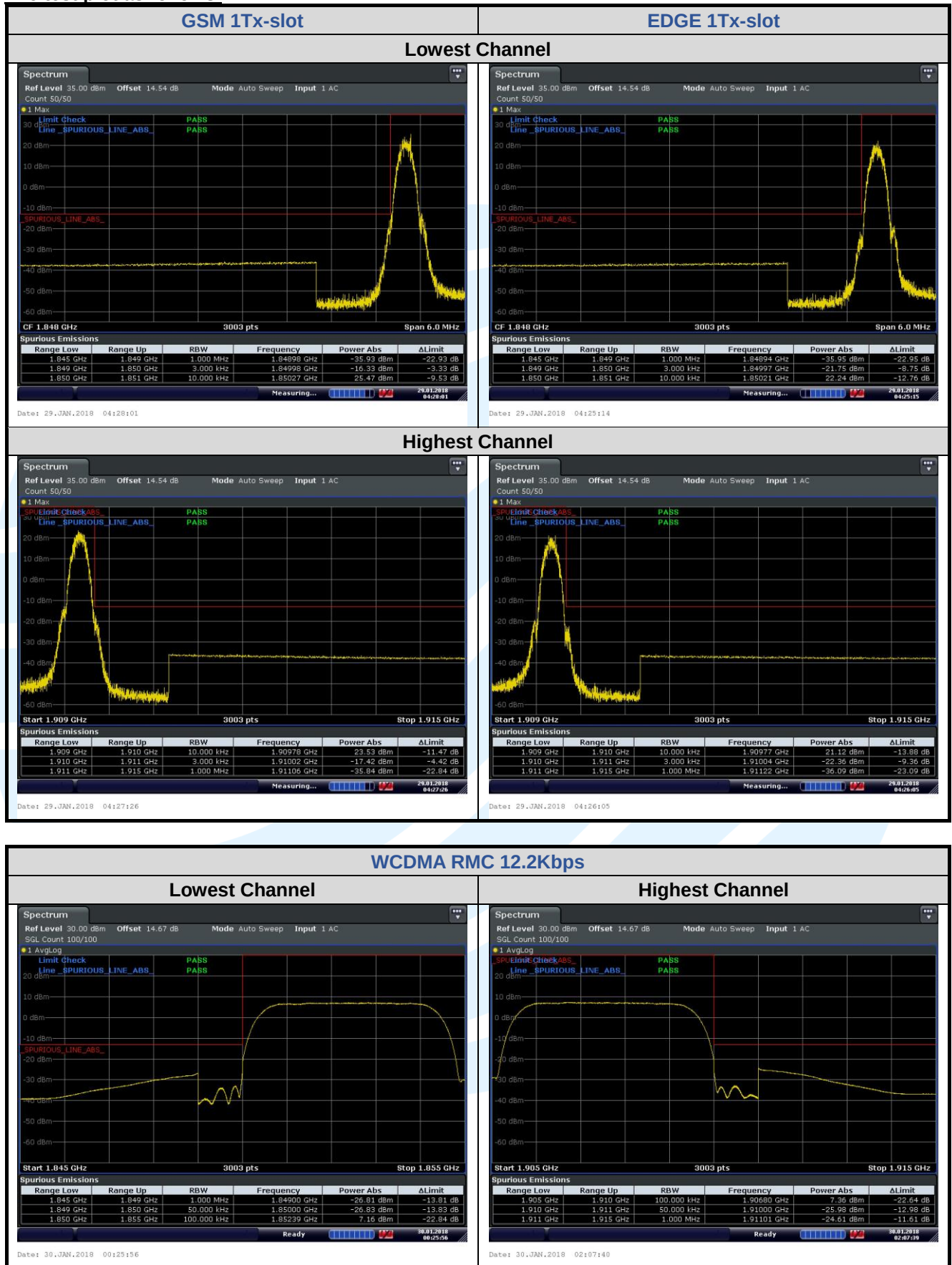
Test Setup: Refer to section 4.2.2 for details.

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.845 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-26.81 dBm	-13.81 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-26.83 dBm	-13.83 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85239 GHz	7.16 dBm	-22.84 dB

Date: 30.JAN.2018 00:25:56

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90680 GHz	7.36 dBm	-22.64 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-25.98 dBm	-12.98 dB
1.911 GHz	1.915 GHz	1.000 MHz	1.91101 GHz	-24.61 dBm	-11.61 dB

Date: 30.JAN.2018 02:07:40

