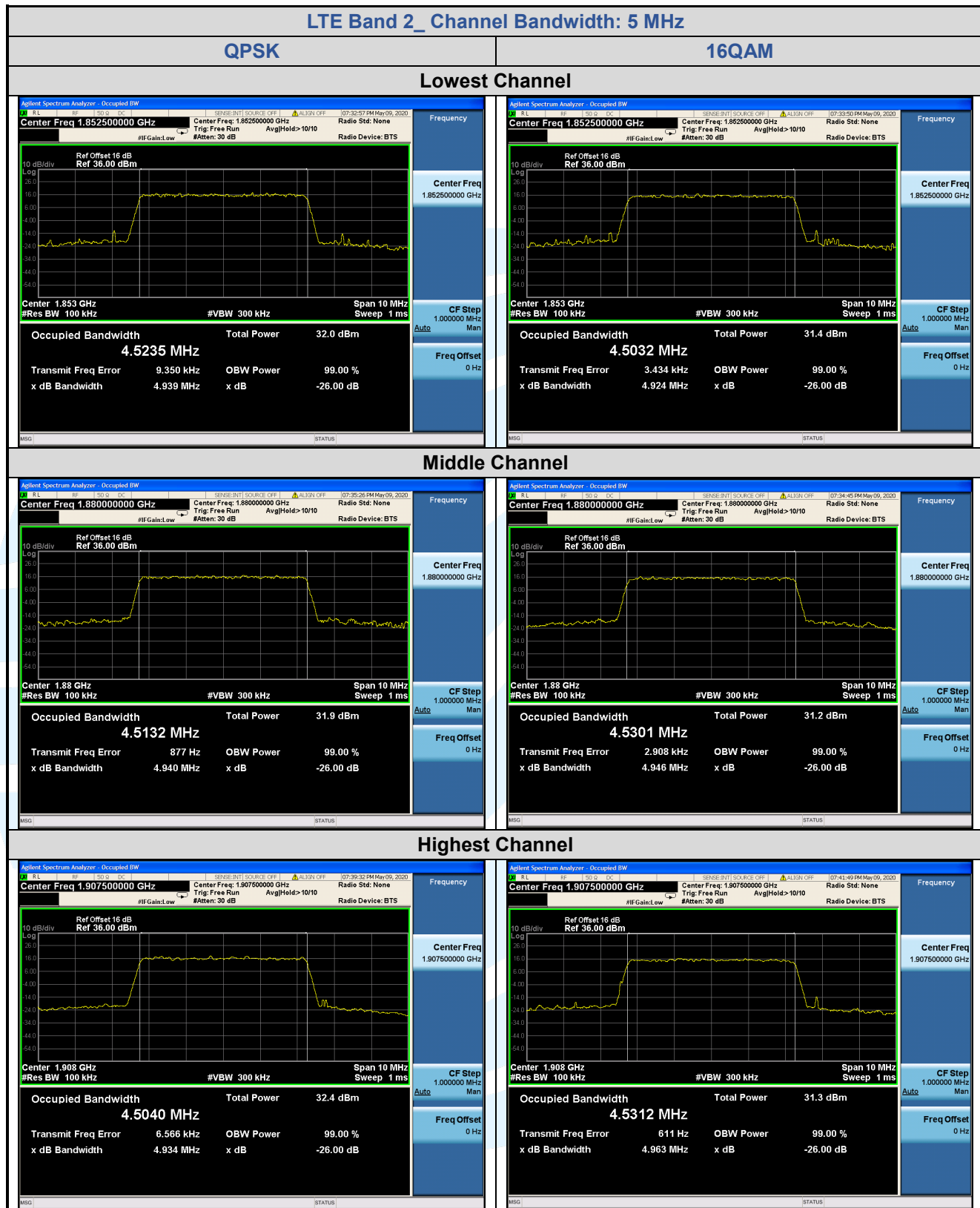




Middle Channel

Agilent Spectrum Analyzer - Occupied BW

Center Freq 1.880000000 GHz

Ref Offset 16 dB  
Ref 36.00 dBm

Center 1.88 GHz  
#Res BW 100 kHz

Occupied Bandwidth 4.5132 MHz

Total Power 31.9 dBm

Transmit Freq Error 877 Hz

x dB Bandwidth 4.940 MHz

OBW Power 99.00 %

x dB -26.00 dB

Frequency

Center Freq 1.880000000 GHz

CF Step 1.000000 MHz

Freq Offset 0 Hz

Agilent Spectrum Analyzer - Occupied BW

Center Freq 1.880000000 GHz

Ref Offset 16 dB  
Ref 36.00 dBm

Center 1.88 GHz  
#Res BW 100 kHz

Occupied Bandwidth 4.5301 MHz

Total Power 31.2 dBm

Transmit Freq Error 2.908 kHz

x dB Bandwidth 4.946 MHz

OBW Power 99.00 %

x dB -26.00 dB

Frequency

Center Freq 1.880000000 GHz

CF Step 1.000000 MHz

Freq Offset 0 Hz

Highest Channel

Agilent Spectrum Analyzer - Occupied BW

Center Freq 1.907500000 GHz

Ref Offset 16 dB  
Ref 36.00 dBm

Center 1.908 GHz  
#Res BW 100 kHz

Occupied Bandwidth 4.5040 MHz

Total Power 32.4 dBm

Transmit Freq Error 6.566 kHz

x dB Bandwidth 4.934 MHz

OBW Power 99.00 %

x dB -26.00 dB

Frequency

Center Freq 1.907500000 GHz

CF Step 1.000000 MHz

Freq Offset 0 Hz

Agilent Spectrum Analyzer - Occupied BW

Center Freq 1.907500000 GHz

Ref Offset 16 dB  
Ref 36.00 dBm

Center 1.908 GHz  
#Res BW 100 kHz

Occupied Bandwidth 4.5312 MHz

Total Power 31.3 dBm

Transmit Freq Error 611 Hz

x dB Bandwidth 4.963 MHz

OBW Power 99.00 %

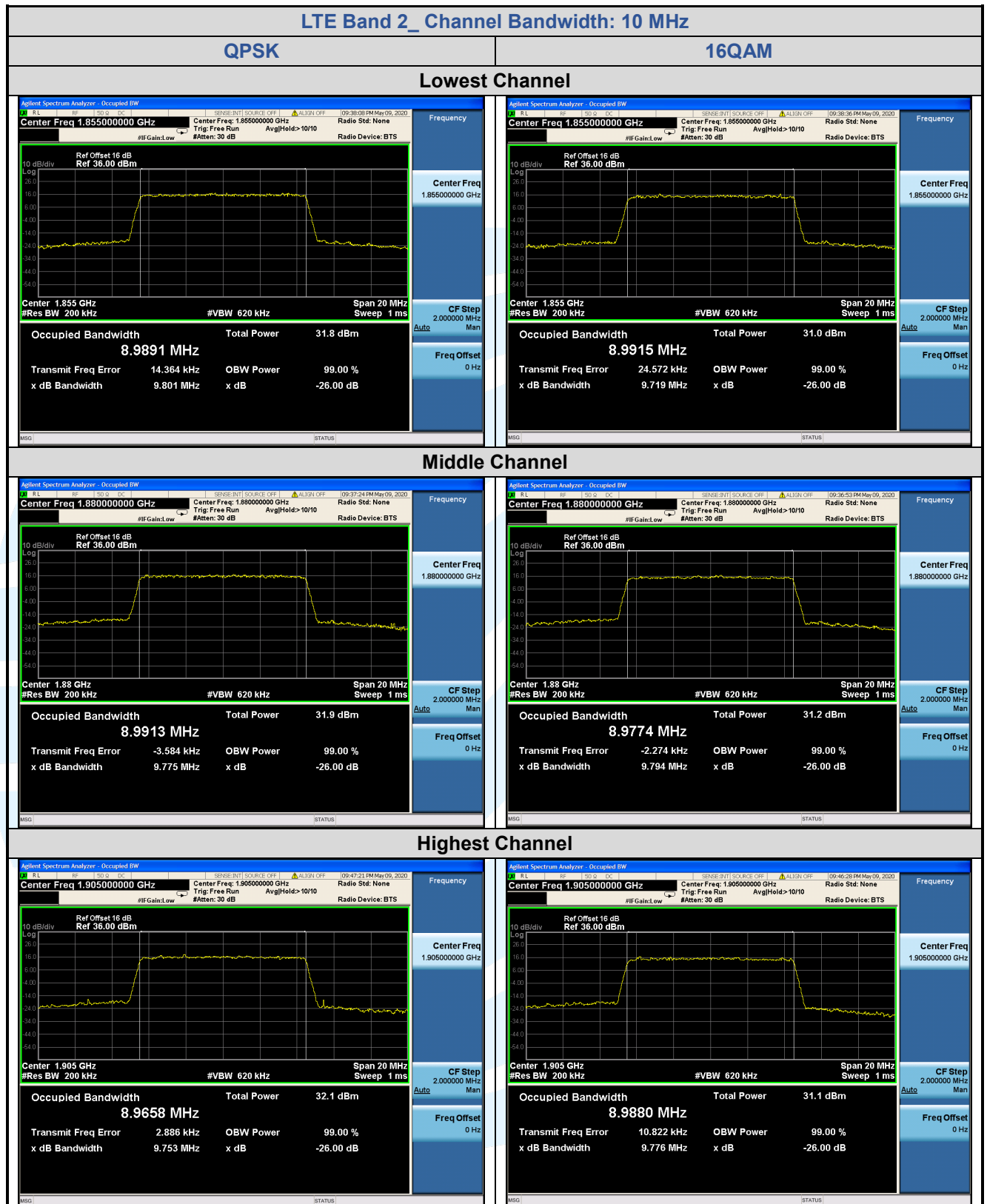
x dB -26.00 dB

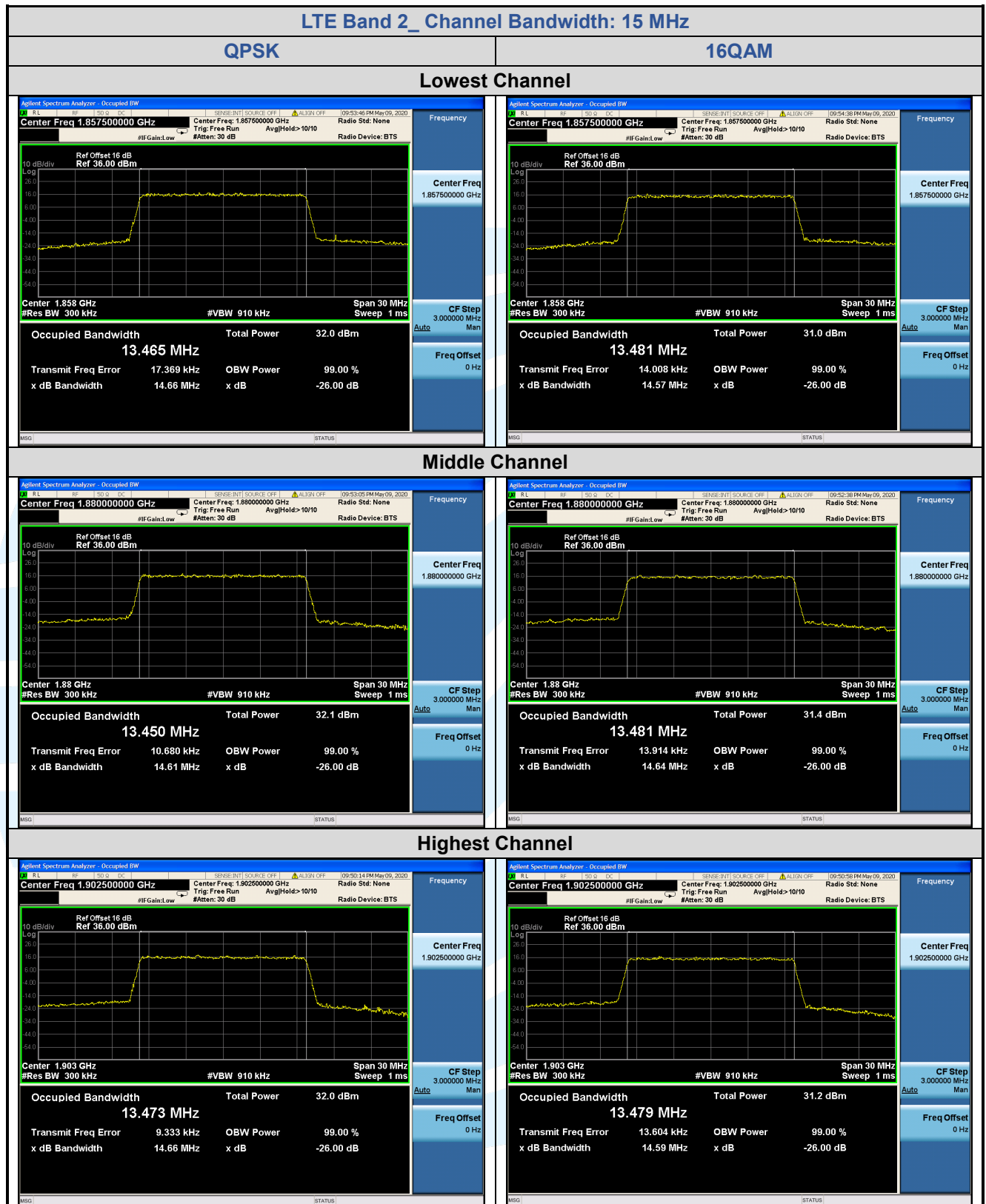
Frequency

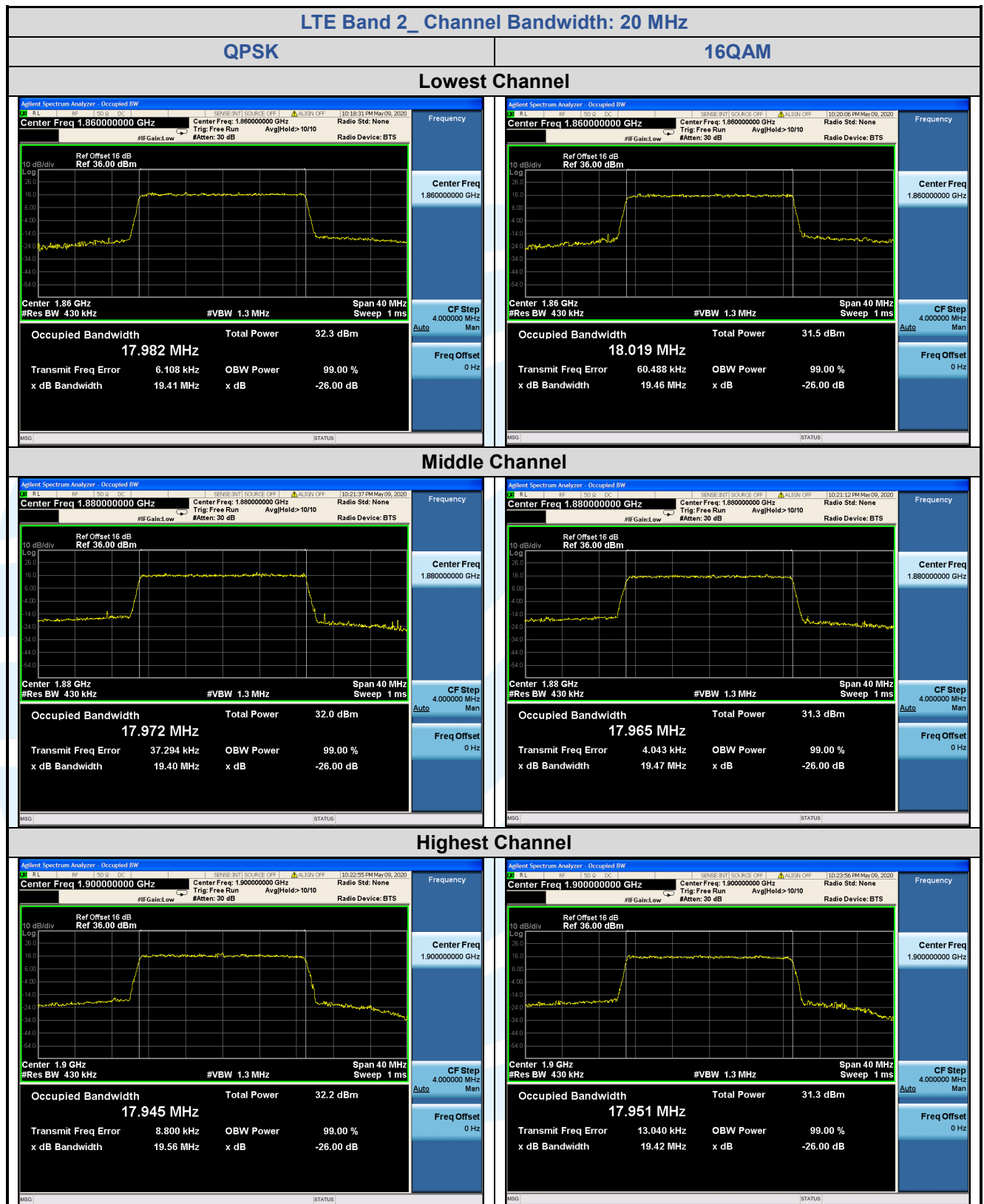
Center Freq 1.907500000 GHz

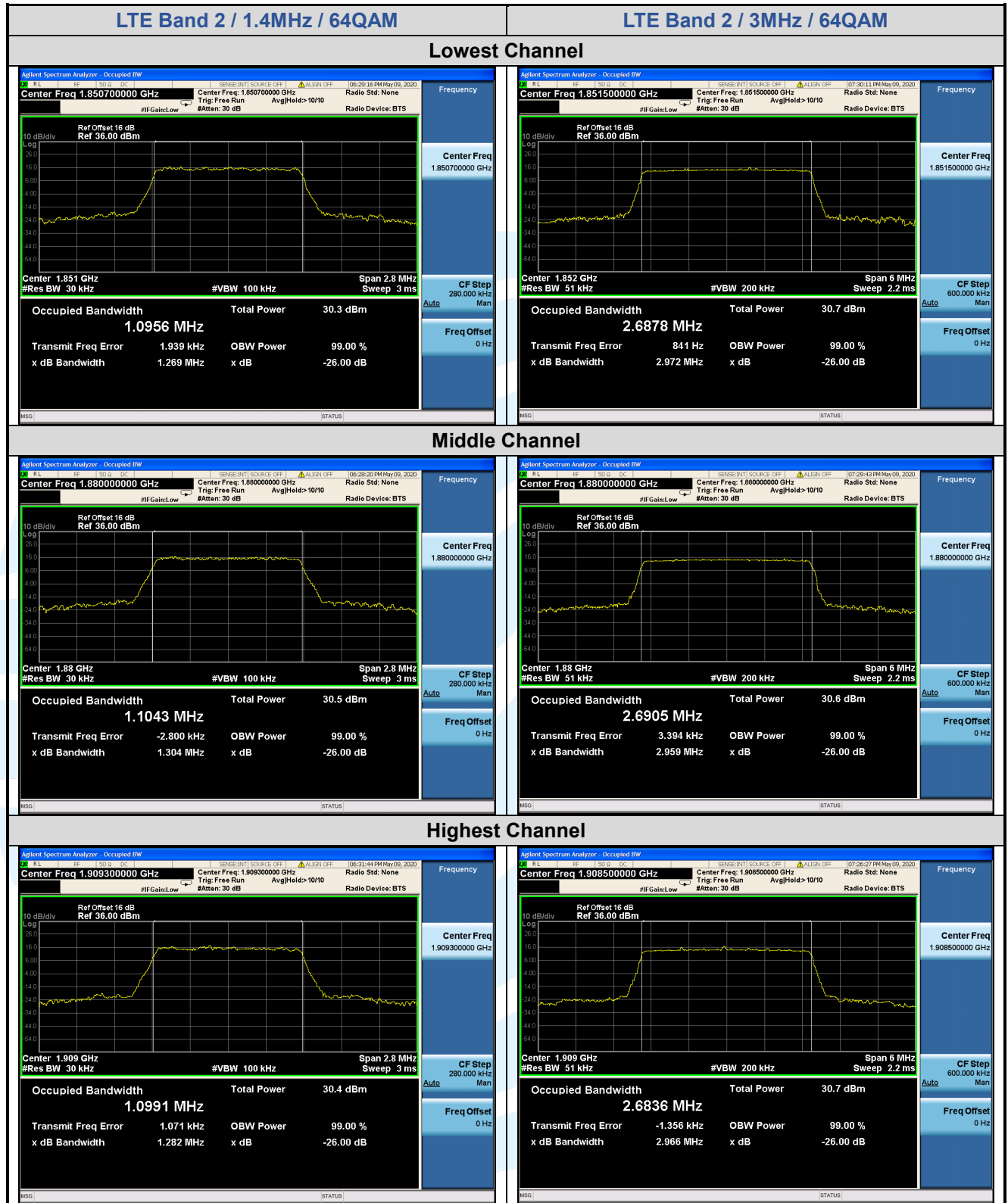
CF Step 1.000000 MHz

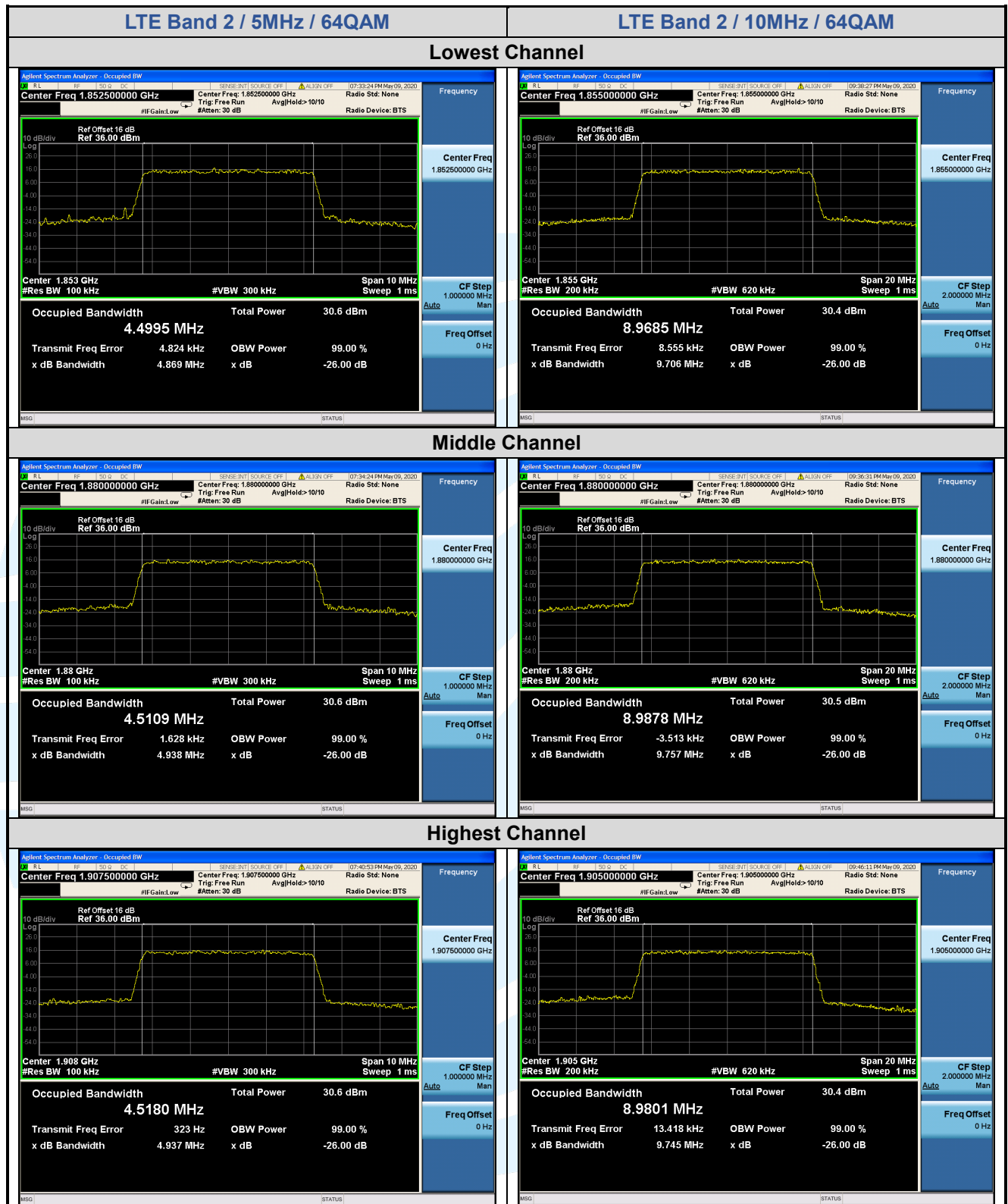
Freq Offset 0 Hz

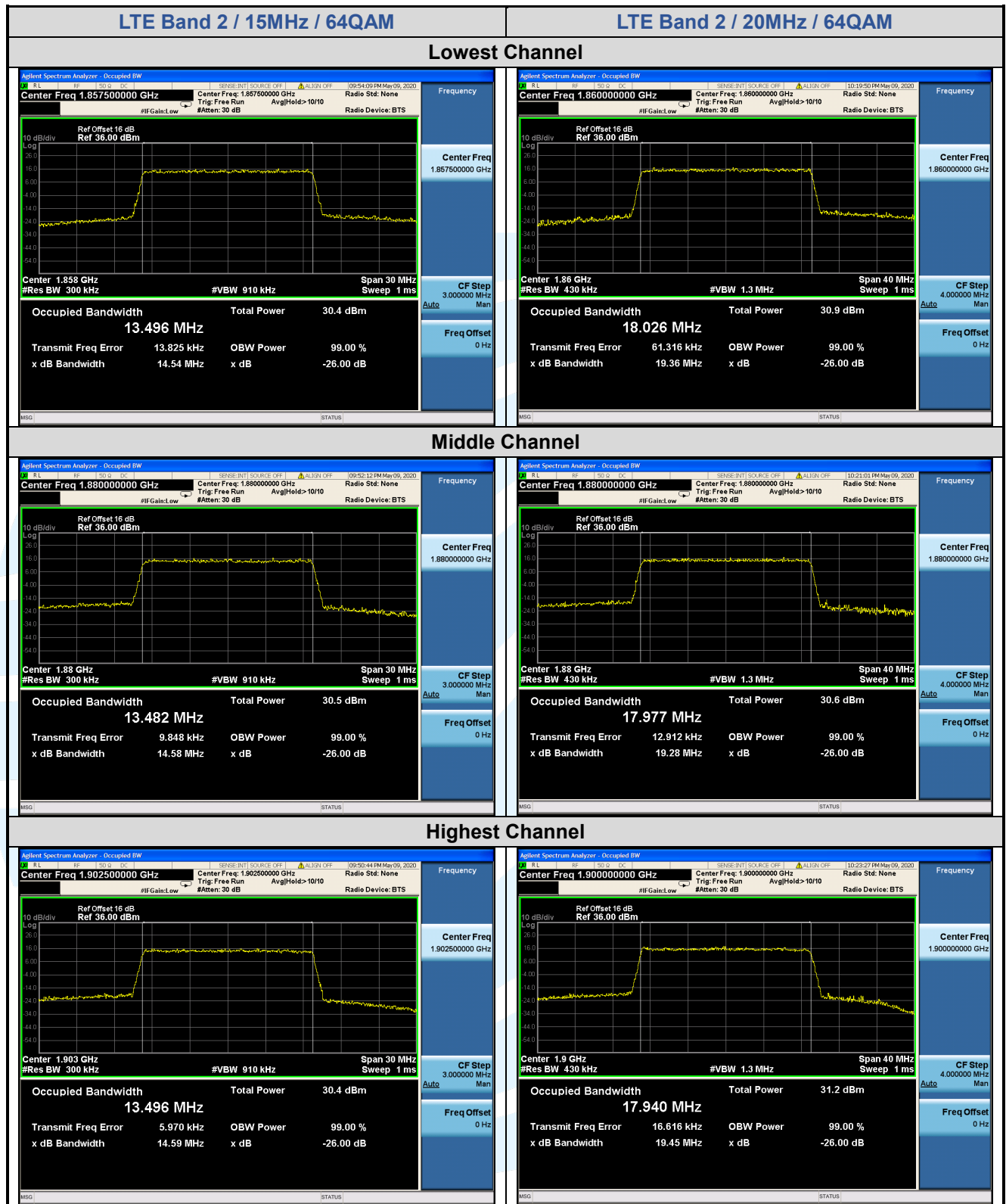






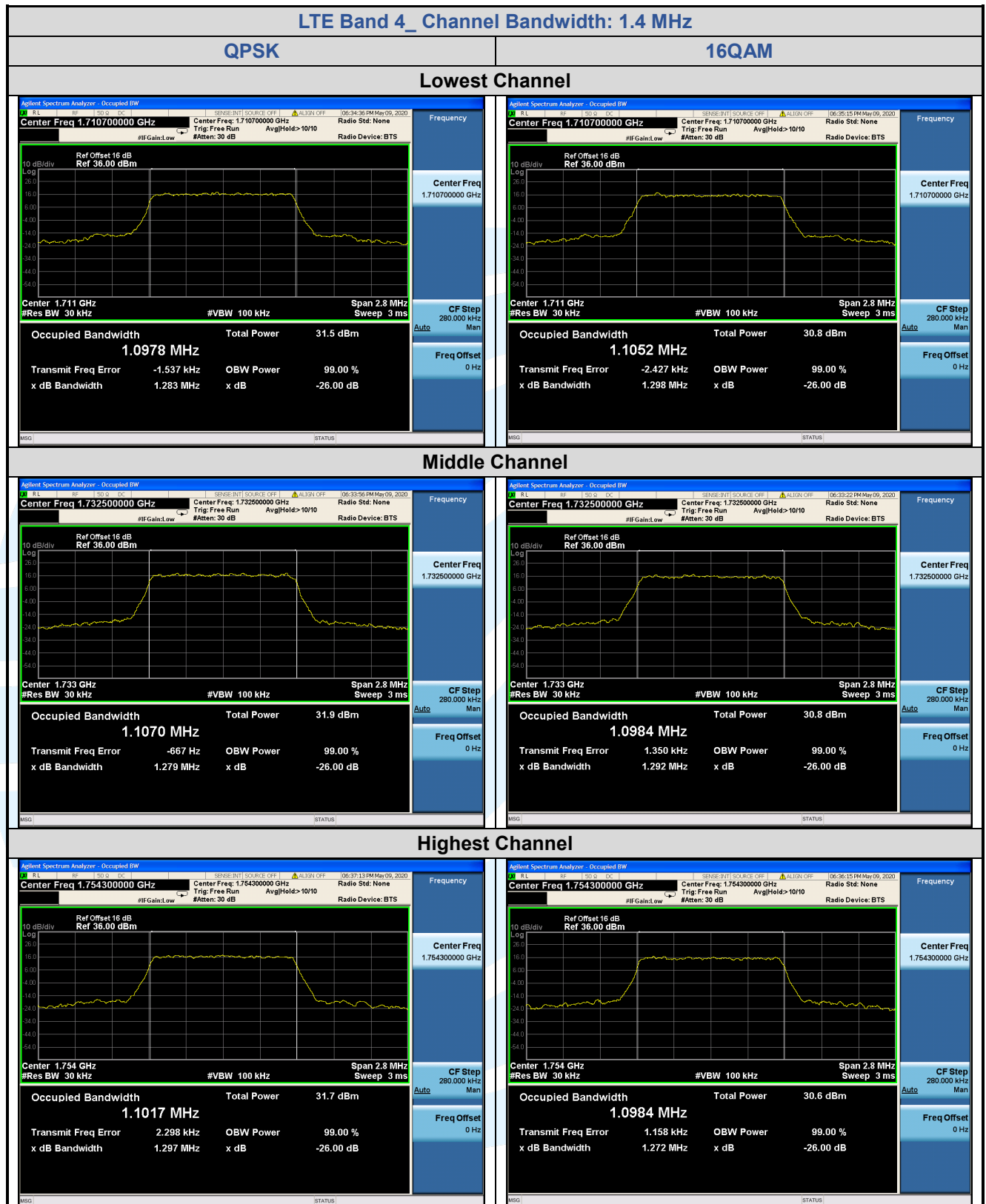


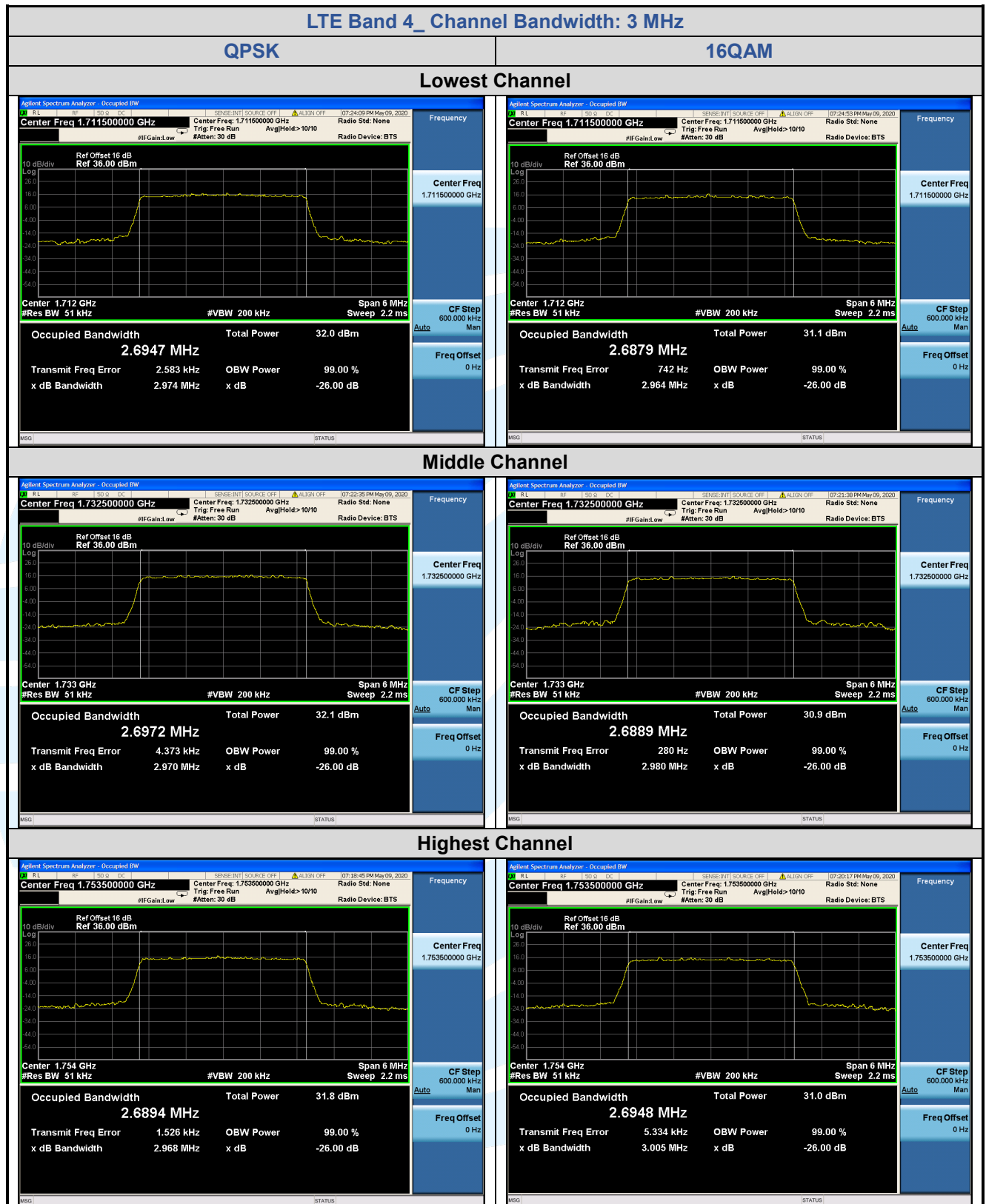


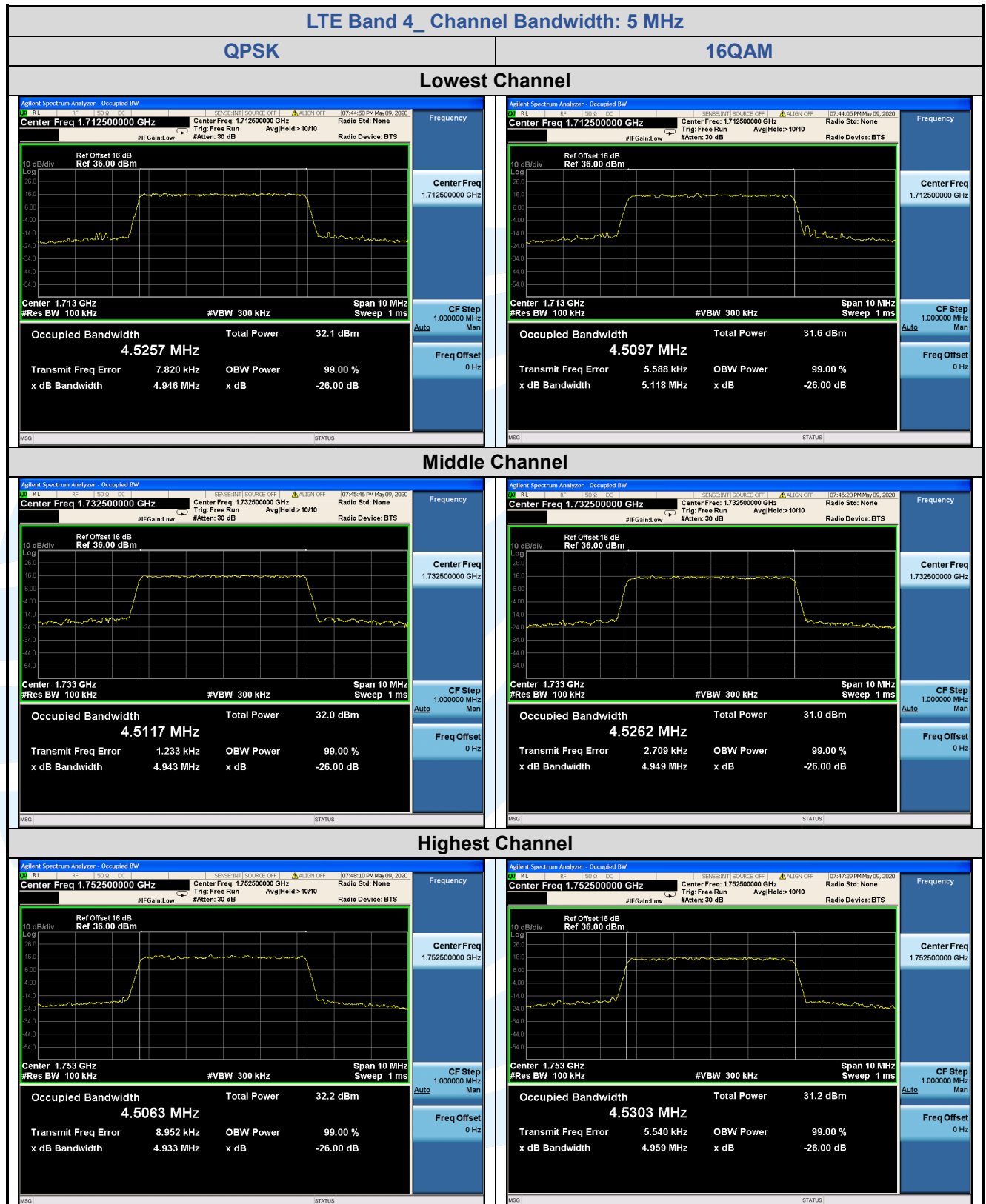


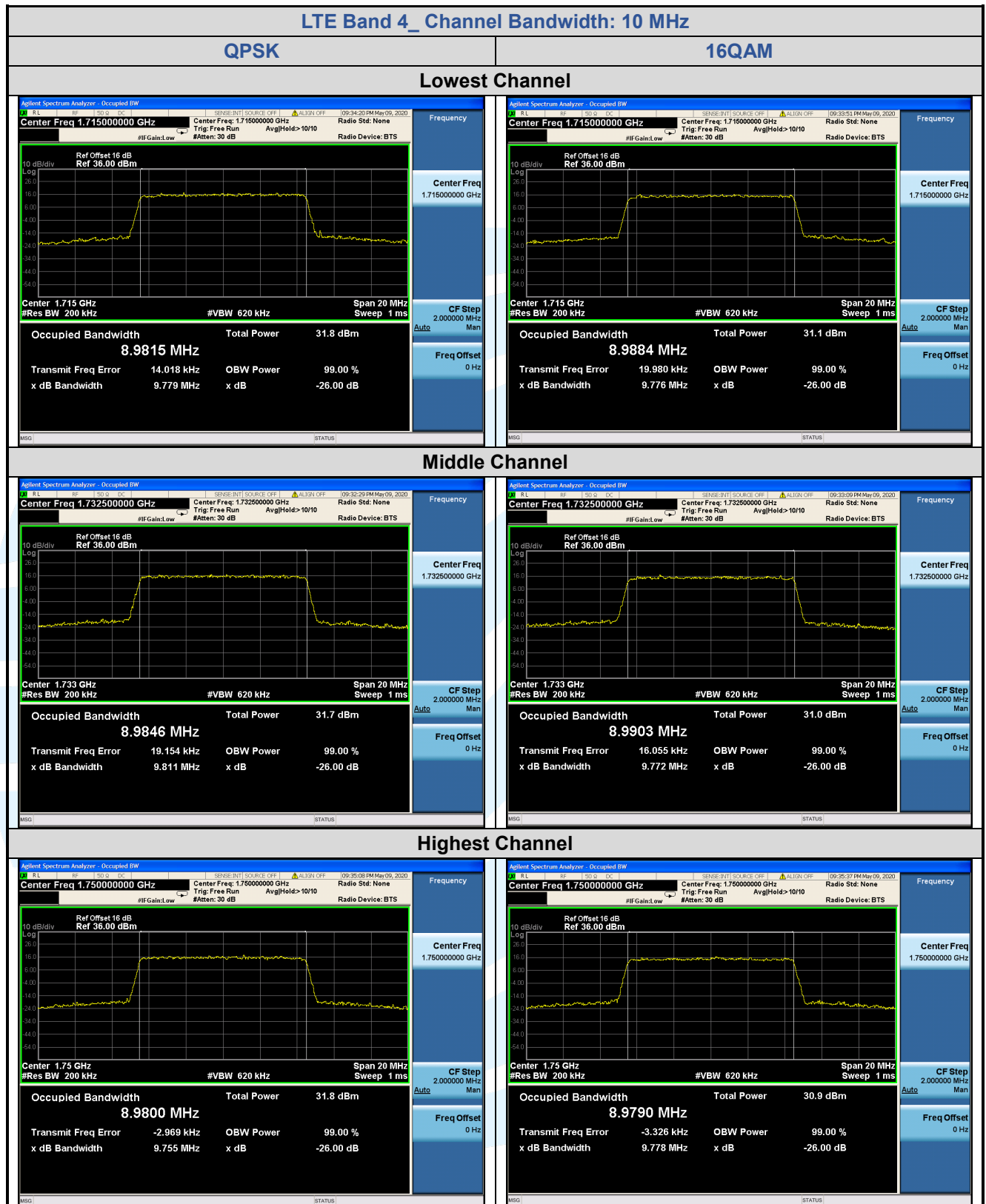
### 5.5.2 LTE Band 4

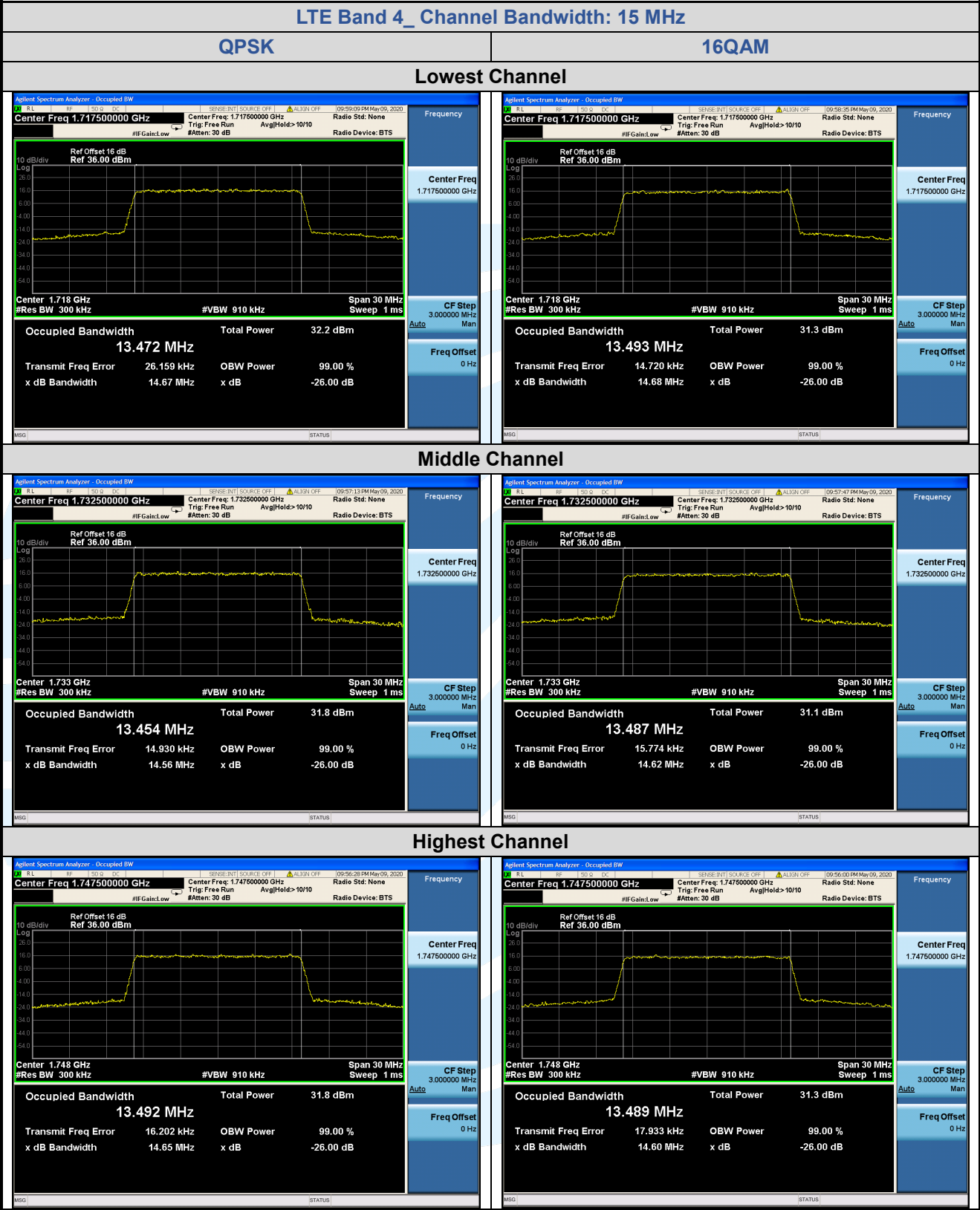
| LTE Band 4                 |                  |        |                |       |       |              |        |        |
|----------------------------|------------------|--------|----------------|-------|-------|--------------|--------|--------|
| Channel                    | RB Configuration |        | 26 dB BW (MHz) |       |       | 99% BW (MHz) |        |        |
|                            | Size             | Offset | QPSK           | 16QAM | 64QAM | QPSK         | 16QAM  | 64QAM  |
| Channel Bandwidth: 1.4 MHz |                  |        |                |       |       |              |        |        |
| Lowest                     | 6                | 0      | 1.283          | 1.298 | 1.307 | 1.0978       | 1.1052 | 1.1067 |
| Middle                     | 6                | 0      | 1.279          | 1.292 | 1.279 | 1.1070       | 1.0984 | 1.0964 |
| Highest                    | 6                | 0      | 1.297          | 1.272 | 1.270 | 1.1017       | 1.0984 | 1.0921 |
| Channel Bandwidth: 3 MHz   |                  |        |                |       |       |              |        |        |
| Lowest                     | 15               | 0      | 2.974          | 2.964 | 2.950 | 2.6947       | 2.6879 | 2.6836 |
| Middle                     | 15               | 0      | 2.970          | 2.980 | 2.991 | 2.6972       | 2.6889 | 2.6878 |
| Highest                    | 15               | 0      | 2.968          | 3.005 | 2.980 | 2.6894       | 2.6948 | 2.6864 |
| Channel Bandwidth: 5 MHz   |                  |        |                |       |       |              |        |        |
| Lowest                     | 25               | 0      | 4.946          | 5.118 | 4.889 | 4.5257       | 4.5097 | 4.5093 |
| Middle                     | 25               | 0      | 4.943          | 4.949 | 4.942 | 4.5117       | 4.5262 | 4.5176 |
| Highest                    | 25               | 0      | 4.933          | 4.959 | 4.944 | 4.5063       | 4.5303 | 4.5152 |
| Channel Bandwidth: 10 MHz  |                  |        |                |       |       |              |        |        |
| Lowest                     | 50               | 0      | 9.779          | 9.776 | 9.734 | 8.9815       | 8.9884 | 8.9920 |
| Middle                     | 50               | 0      | 9.811          | 9.772 | 9.750 | 8.9846       | 8.9903 | 8.9946 |
| Highest                    | 50               | 0      | 9.755          | 9.778 | 9.769 | 8.9800       | 8.9790 | 8.9819 |
| Channel Bandwidth: 15 MHz  |                  |        |                |       |       |              |        |        |
| Lowest                     | 75               | 0      | 14.67          | 14.68 | 14.69 | 13.472       | 13.493 | 13.488 |
| Middle                     | 75               | 0      | 14.56          | 14.62 | 14.61 | 13.454       | 13.487 | 13.496 |
| Highest                    | 75               | 0      | 14.65          | 14.60 | 14.58 | 13.492       | 13.489 | 13.482 |
| Channel Bandwidth: 20 MHz  |                  |        |                |       |       |              |        |        |
| Lowest                     | 100              | 0      | 19.34          | 19.48 | 19.31 | 17.944       | 18.020 | 17.958 |
| Middle                     | 100              | 0      | 19.42          | 19.46 | 19.34 | 17.950       | 17.973 | 17.982 |
| Highest                    | 100              | 0      | 19.45          | 19.47 | 19.35 | 17.977       | 17.970 | 17.962 |

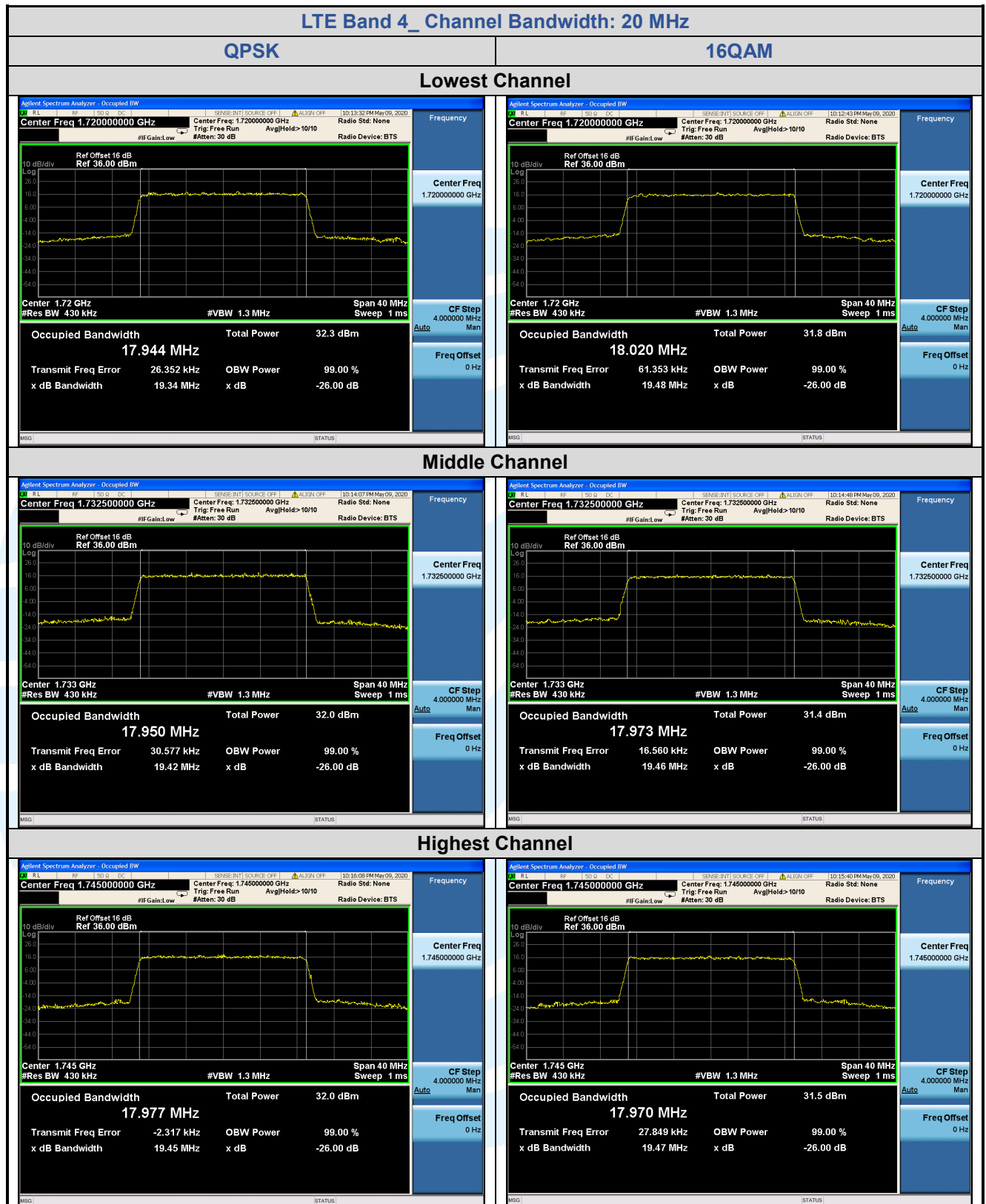


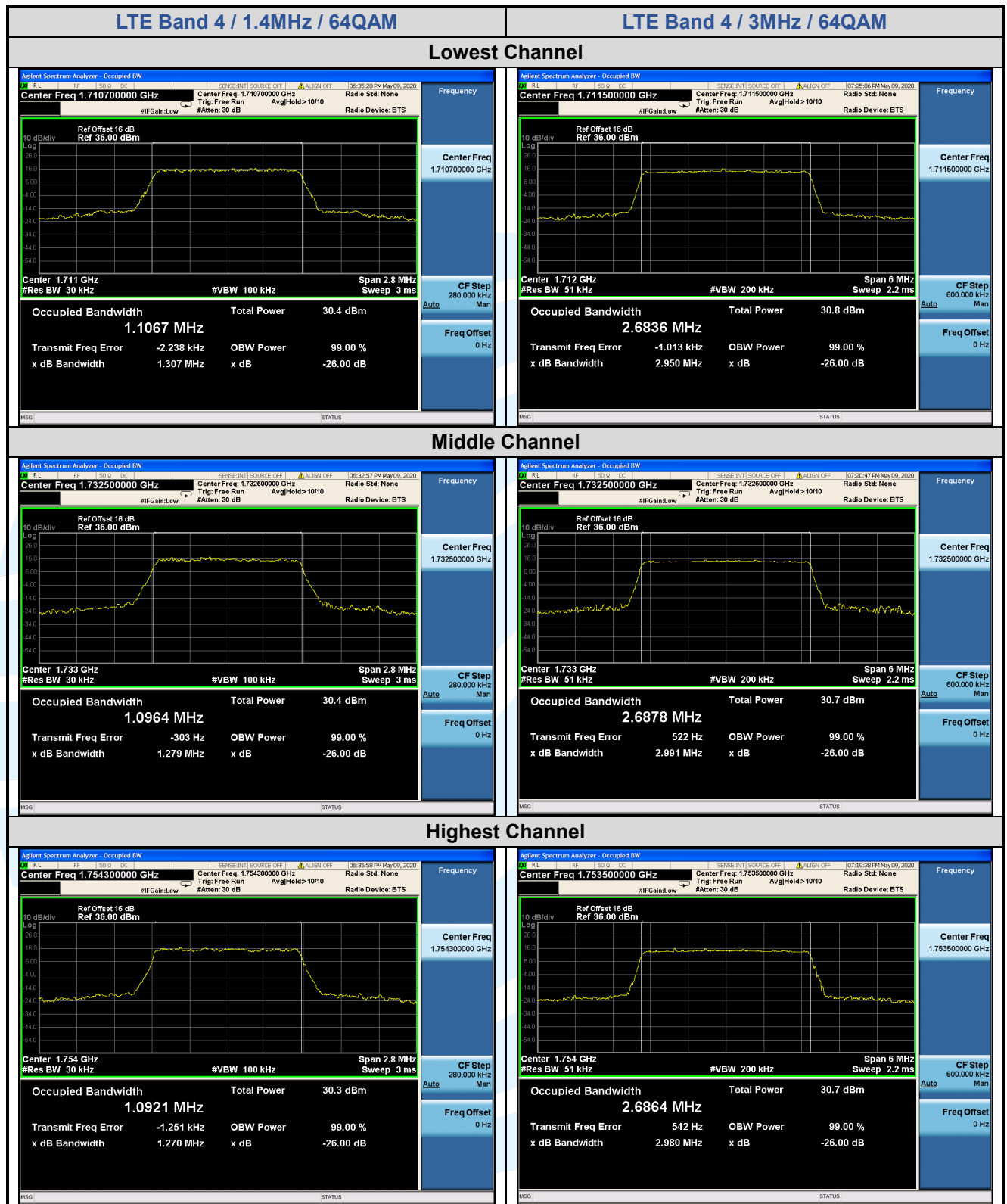


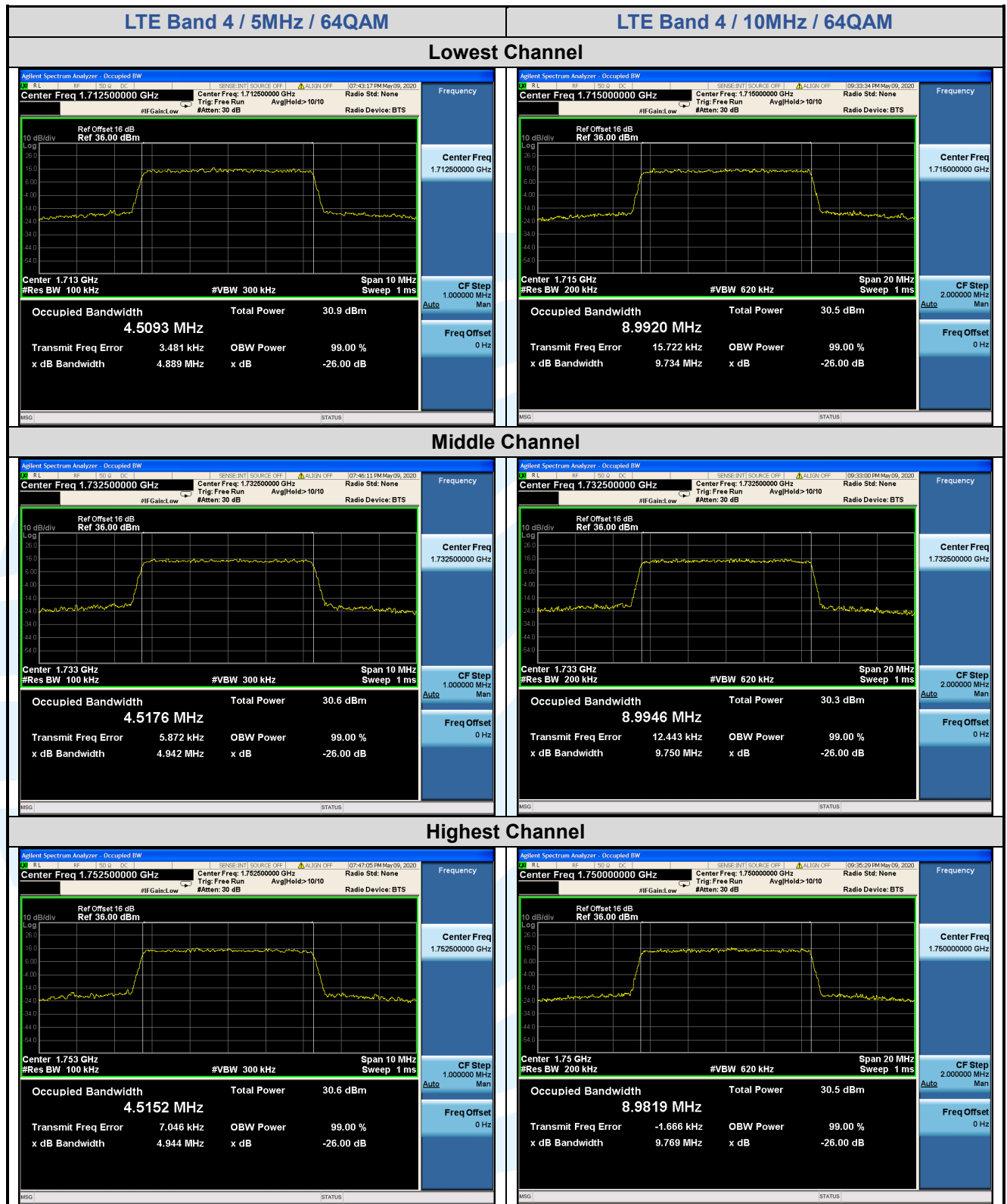


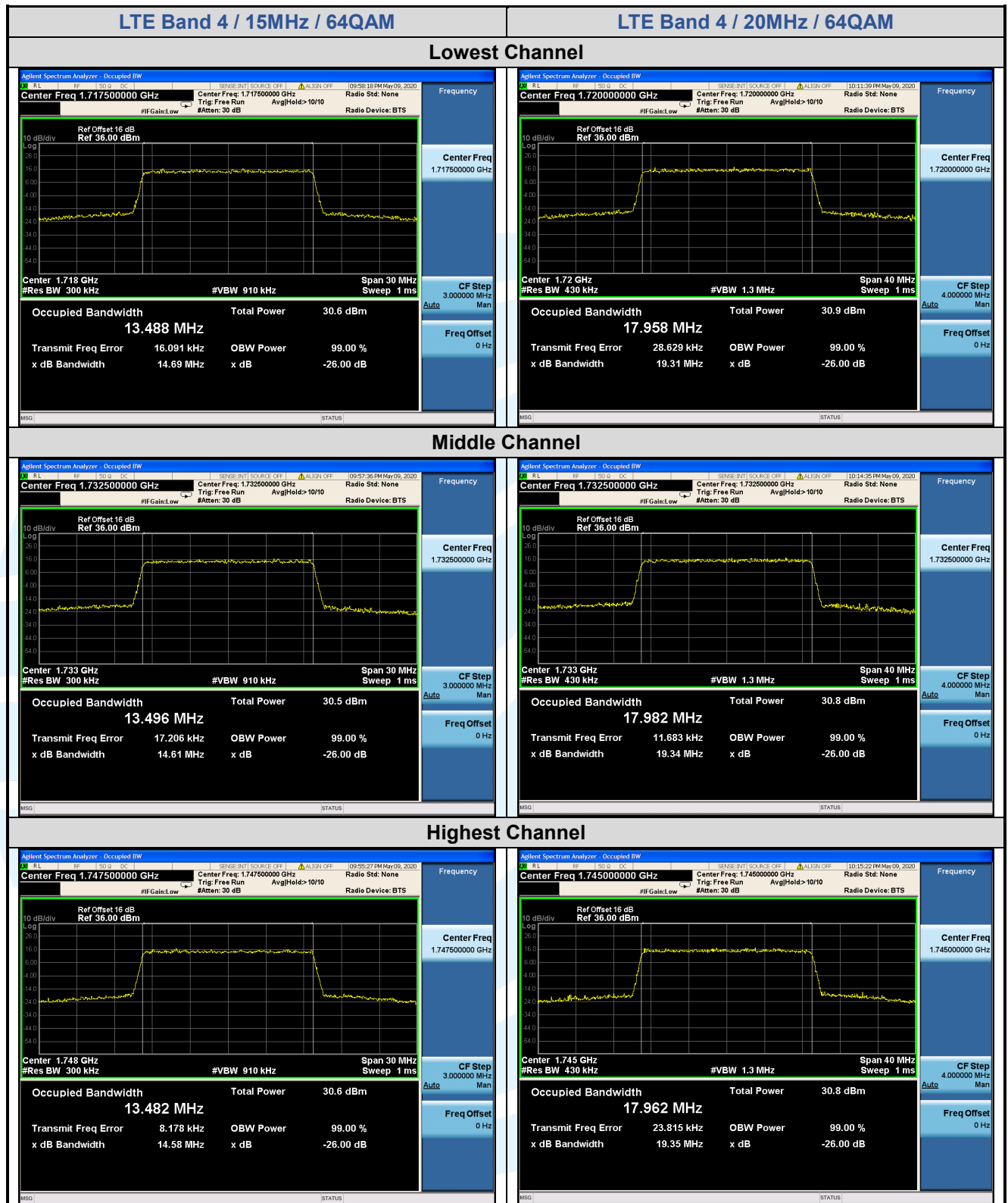












### 5.5.3 LTE Band 5

| LTE Band 5                 |                  |        |                |       |       |              |        |        |
|----------------------------|------------------|--------|----------------|-------|-------|--------------|--------|--------|
| Channel                    | RB Configuration |        | 26 dB BW (MHz) |       |       | 99% BW (MHz) |        |        |
|                            | Size             | Offset | QPSK           | 16QAM | 64QAM | QPSK         | 16QAM  | 64QAM  |
| Channel Bandwidth: 1.4 MHz |                  |        |                |       |       |              |        |        |
| Lowest                     | 6                | 0      | 1.299          | 1.275 | 1.274 | 1.1042       | 1.0984 | 1.0989 |
| Middle                     | 6                | 0      | 1.281          | 1.289 | 1.286 | 1.0965       | 1.1032 | 1.1011 |
| Highest                    | 6                | 0      | 1.275          | 1.288 | 1.287 | 1.1069       | 1.0973 | 1.0949 |
| Channel Bandwidth: 3 MHz   |                  |        |                |       |       |              |        |        |
| Lowest                     | 15               | 0      | 2.965          | 2.958 | 2.974 | 2.6919       | 2.6848 | 2.6832 |
| Middle                     | 15               | 0      | 2.973          | 2.985 | 2.961 | 2.7014       | 2.6874 | 2.6871 |
| Highest                    | 15               | 0      | 2.935          | 2.993 | 2.990 | 2.6855       | 2.6928 | 2.6827 |
| Channel Bandwidth: 5 MHz   |                  |        |                |       |       |              |        |        |
| Lowest                     | 25               | 0      | 4.936          | 4.921 | 4.891 | 4.5202       | 4.4960 | 4.4946 |
| Middle                     | 25               | 0      | 4.929          | 4.959 | 4.953 | 4.5048       | 4.5315 | 4.5302 |
| Highest                    | 25               | 0      | 4.939          | 4.945 | 4.946 | 4.5068       | 4.5201 | 4.5154 |
| Channel Bandwidth: 10 MHz  |                  |        |                |       |       |              |        |        |
| Lowest                     | 50               | 0      | 9.778          | 9.736 | 9.673 | 8.9583       | 8.9472 | 8.9507 |
| Middle                     | 50               | 0      | 9.713          | 9.795 | 9.755 | 8.9813       | 8.9914 | 8.9854 |
| Highest                    | 50               | 0      | 9.767          | 9.722 | 9.708 | 8.9769       | 8.9716 | 8.9610 |