

8 Conducted Spurious Emission and Radiation Emission Test

8.1. Limit

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

8.2. Test Instruments

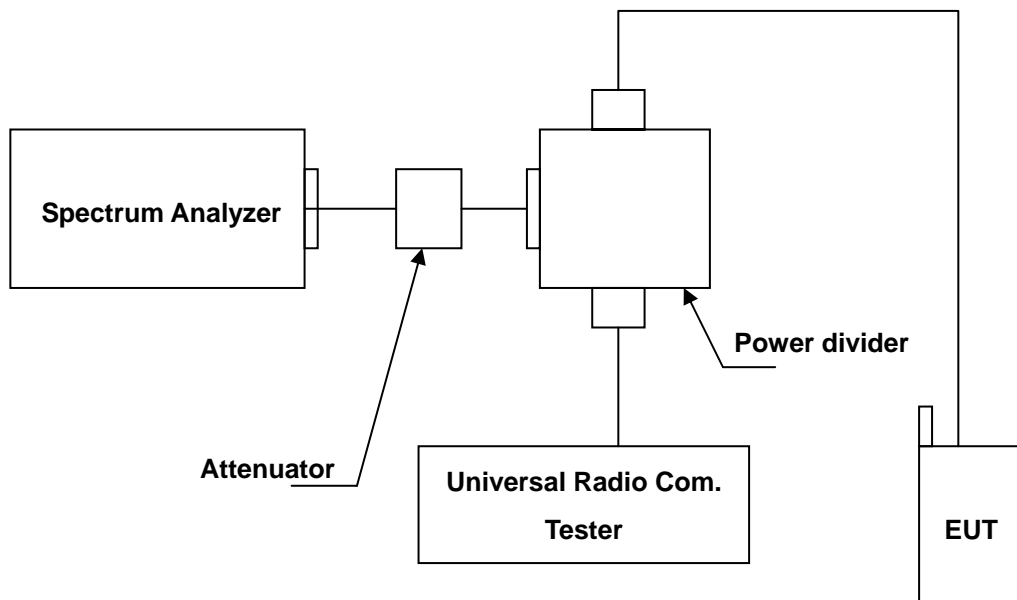
| Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Remark |
|-----------------------------------|--------------|-----------|------------|------------|--------|
| Spectrum Analyzer | Agilent | E4445A | MY46181986 | 05/10/2014 | (1) |
| Wideband Radio Communication Test | R & S | CMW500 | 103168 | 11/05/2014 | (1) |
| Attenuator | RADIALL | R41572000 | 0603033073 | N.C.R. | ----- |
| Power divider | Agilent | 87302C | 3239A00760 | N.C.R. | ----- |
| Test Site | ATL | TE02 | TE02 | N.C.R. | ----- |

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

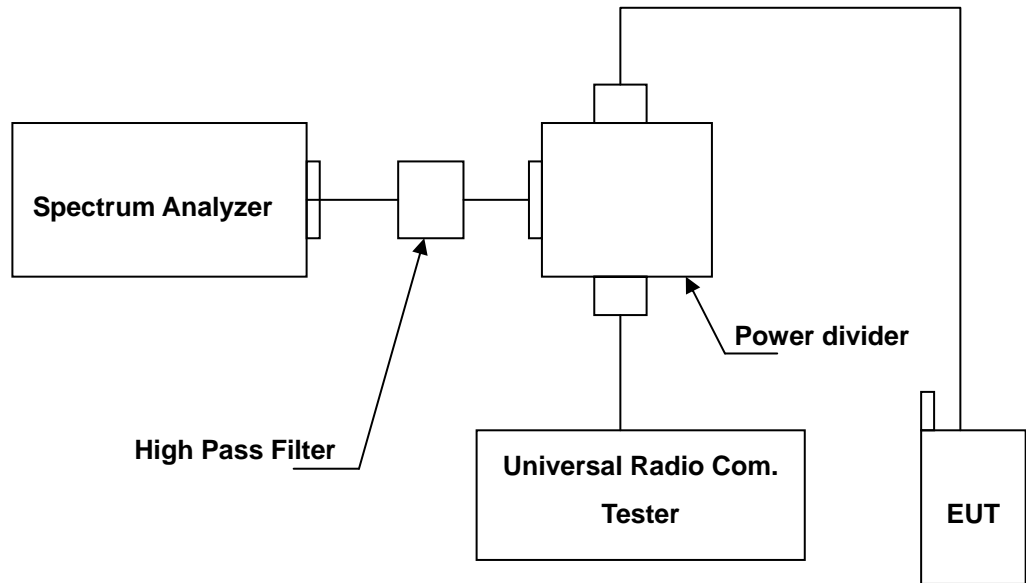
Note: N.C.R. = No Calibration Request.

8.3. Setup

Below 2.5GHz



Above 2.5GHz



8.4. Test Procedure

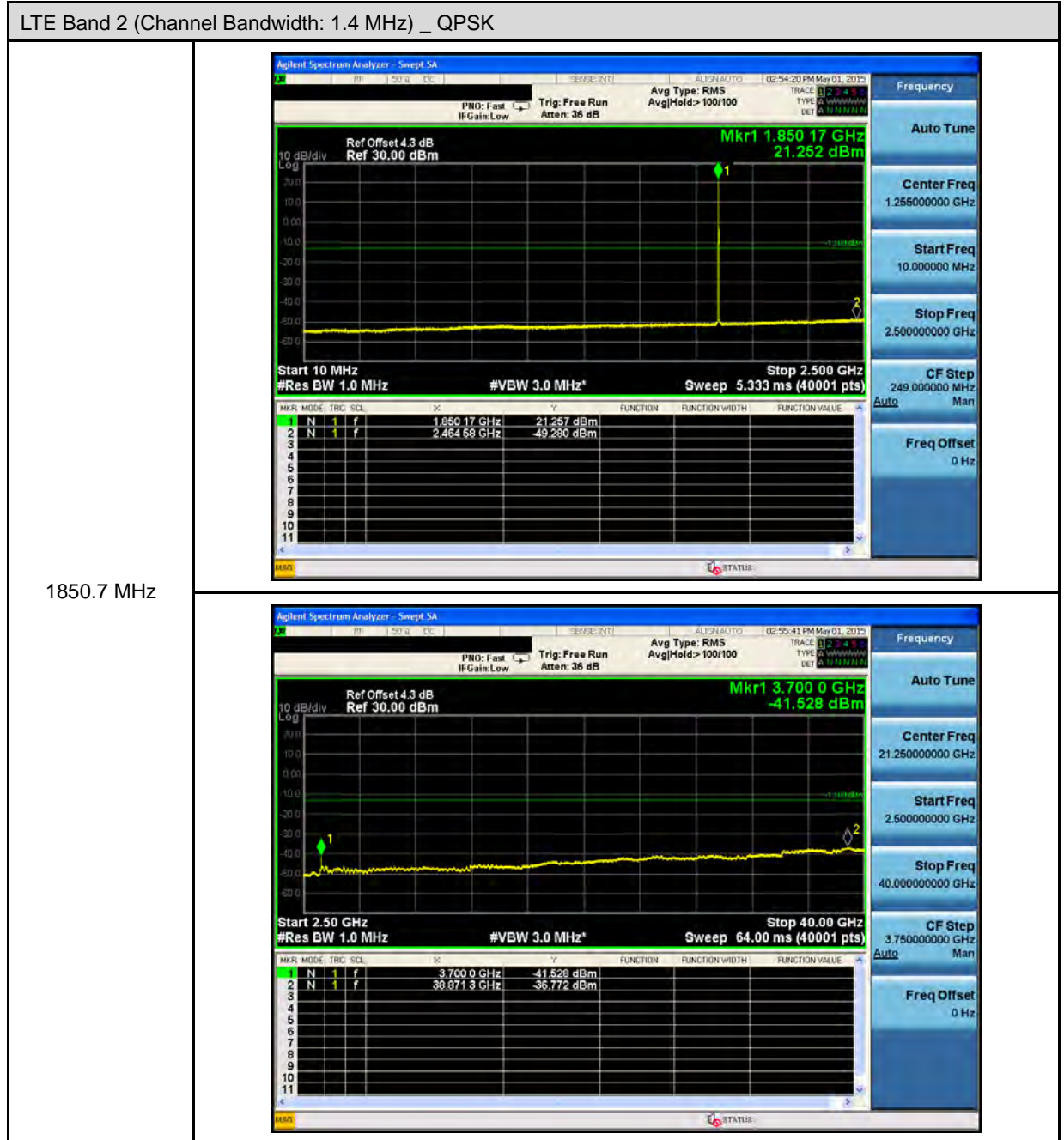
- The EUT was set up for the maximum peak power with LTE / WCDMA link data modulation. The power was measured with R&S Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range.).
- The conducted spurious emission used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- When the spectrum scanned from 10MHz to 2.5GHz, it shall be connected to the band reject filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=1MHz.
- When the spectrum scanned from 3GHz to 10th harmonic, it shall be connected to the high pass filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=1MHz.

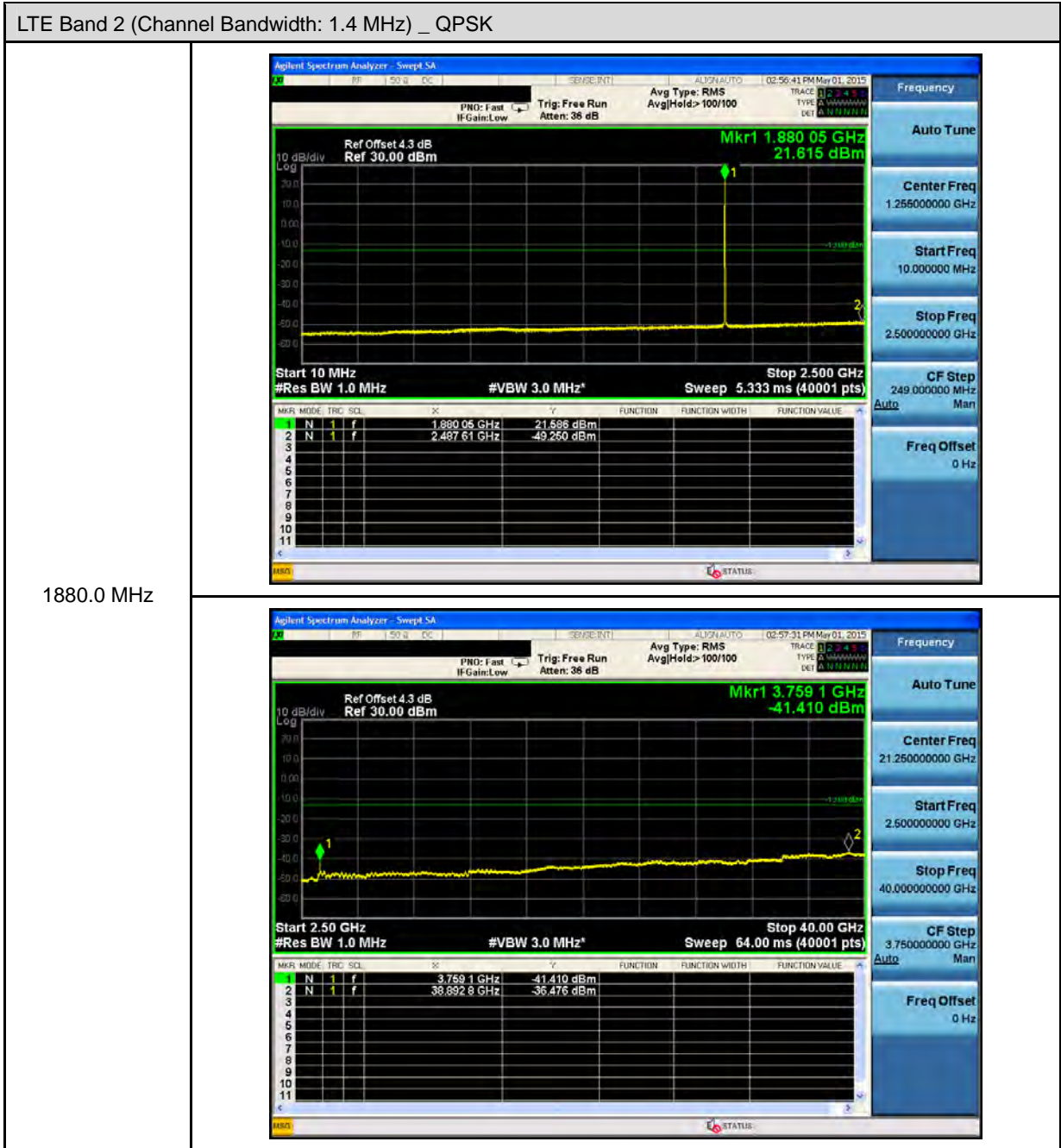
8.5. Uncertainty

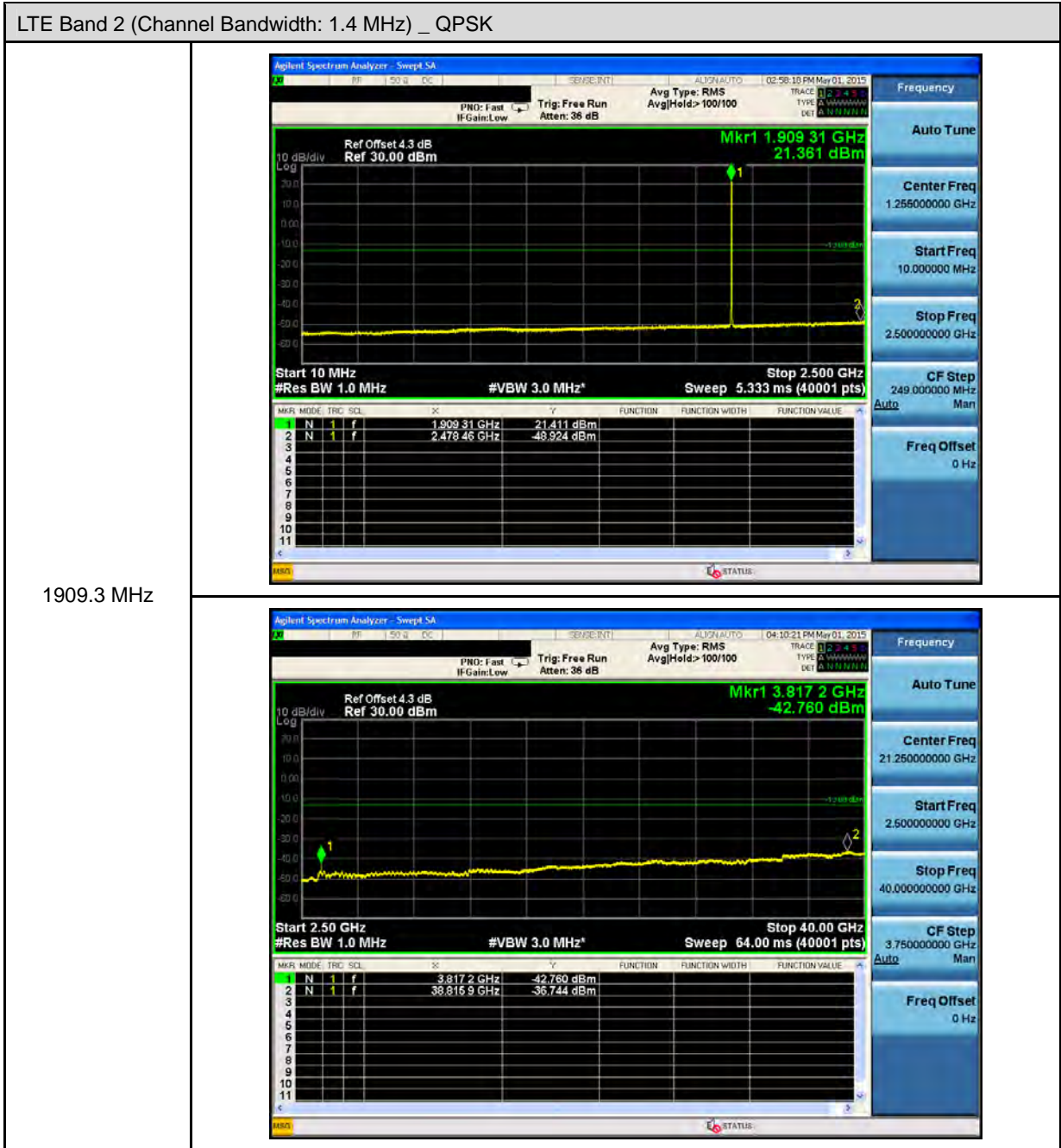
The measurement uncertainty is evaluated as ± 2.24 dB.

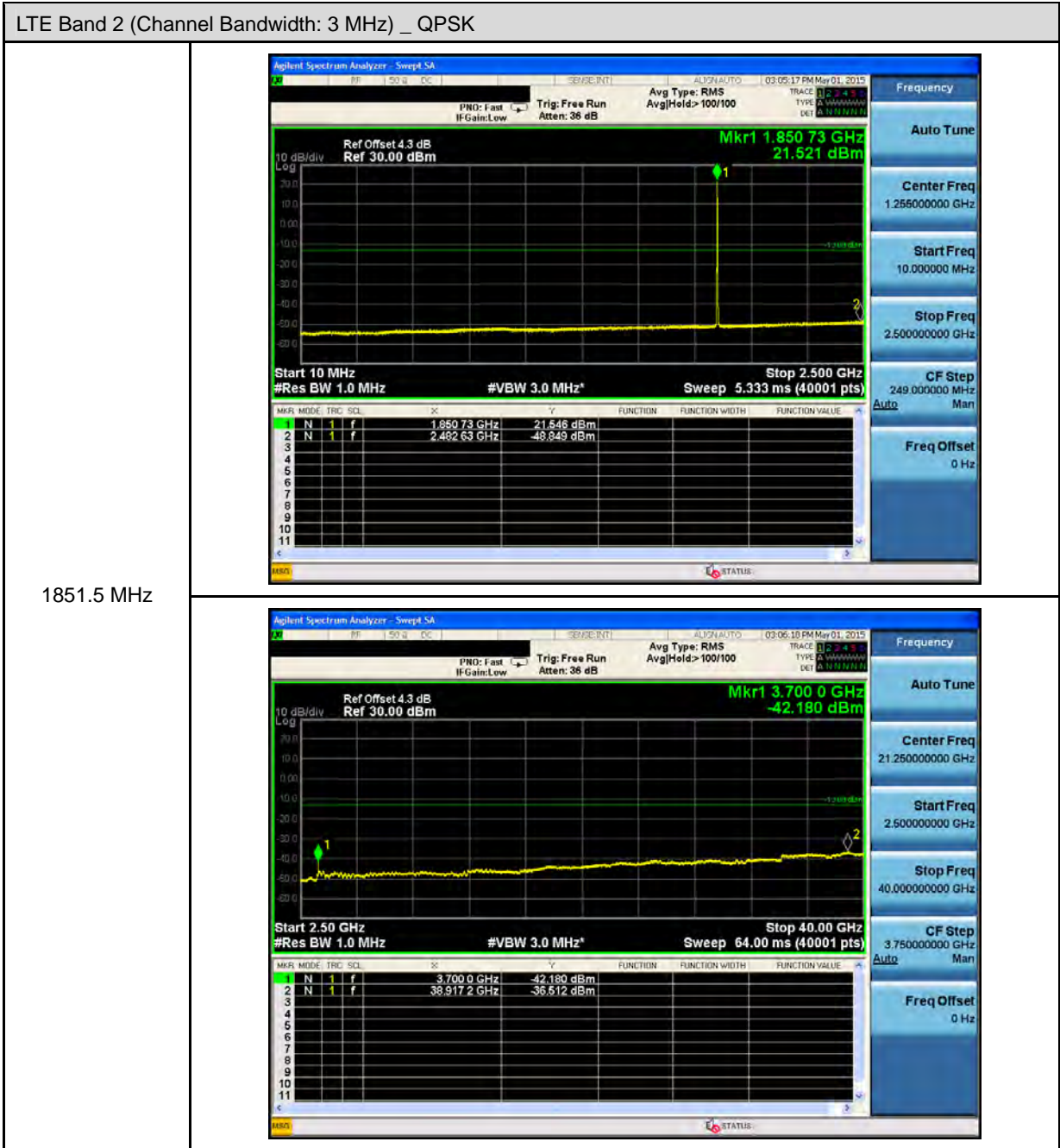
8.6. Test Graphs

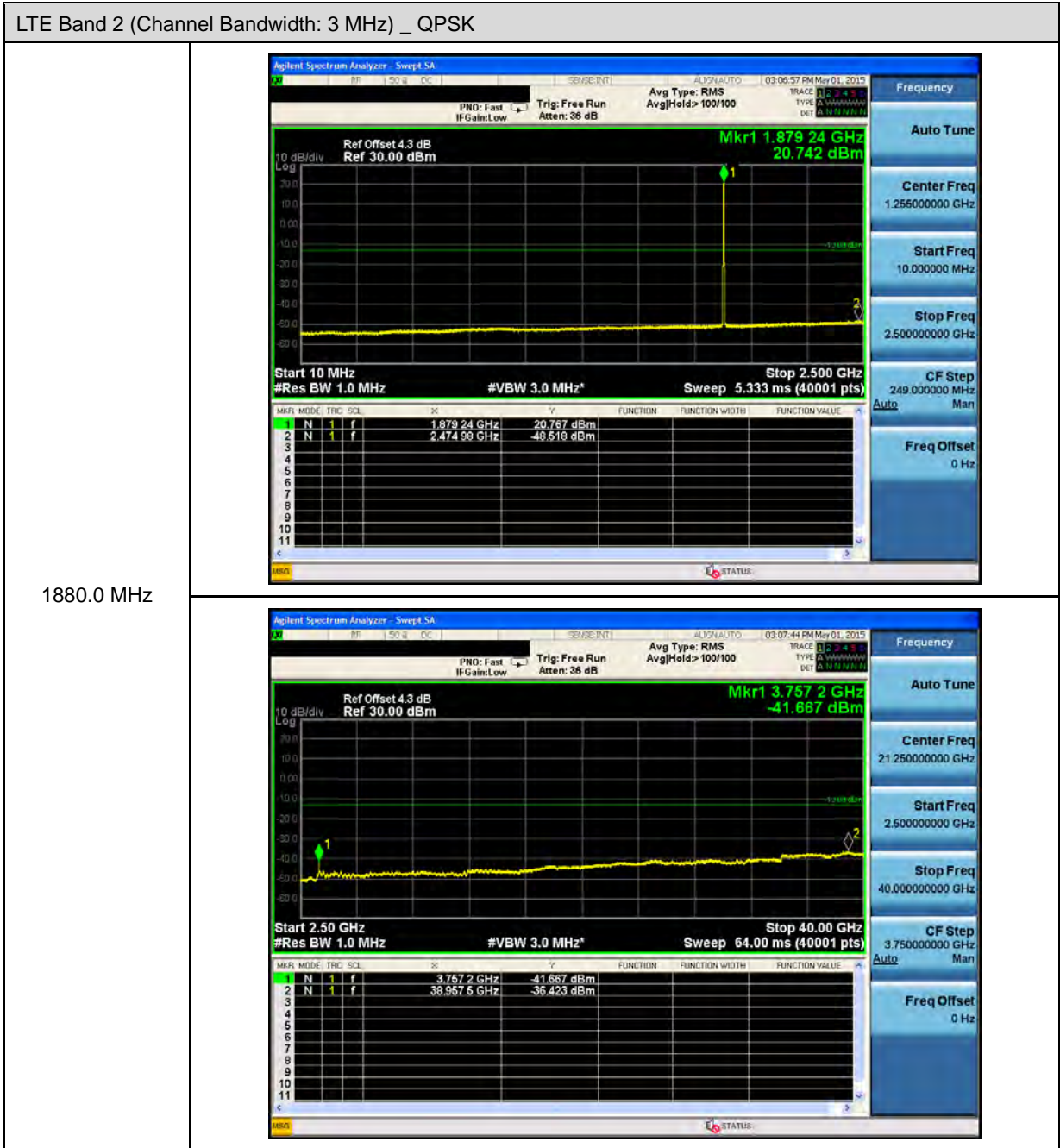
Conducted Spurious Emission

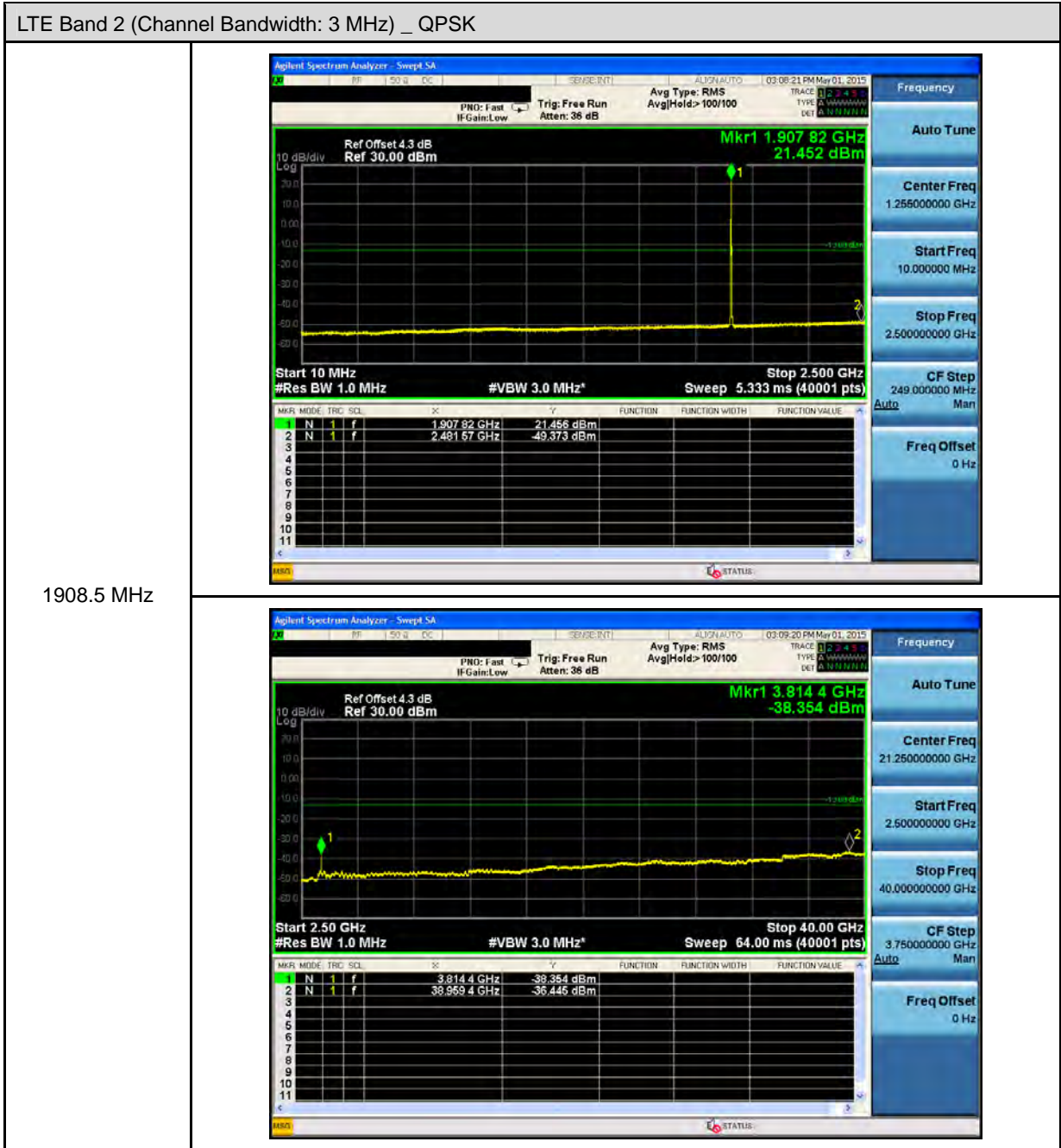


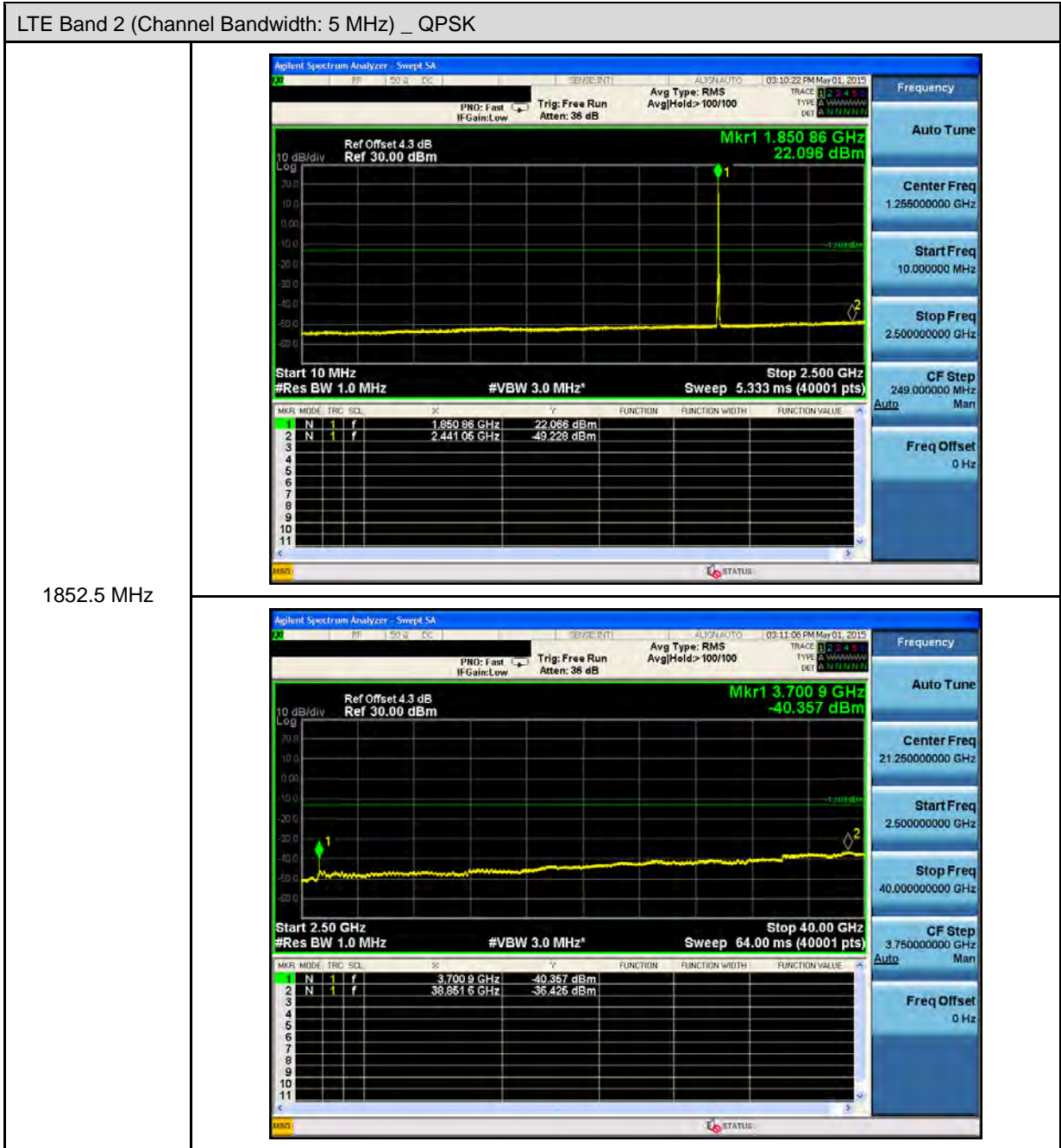


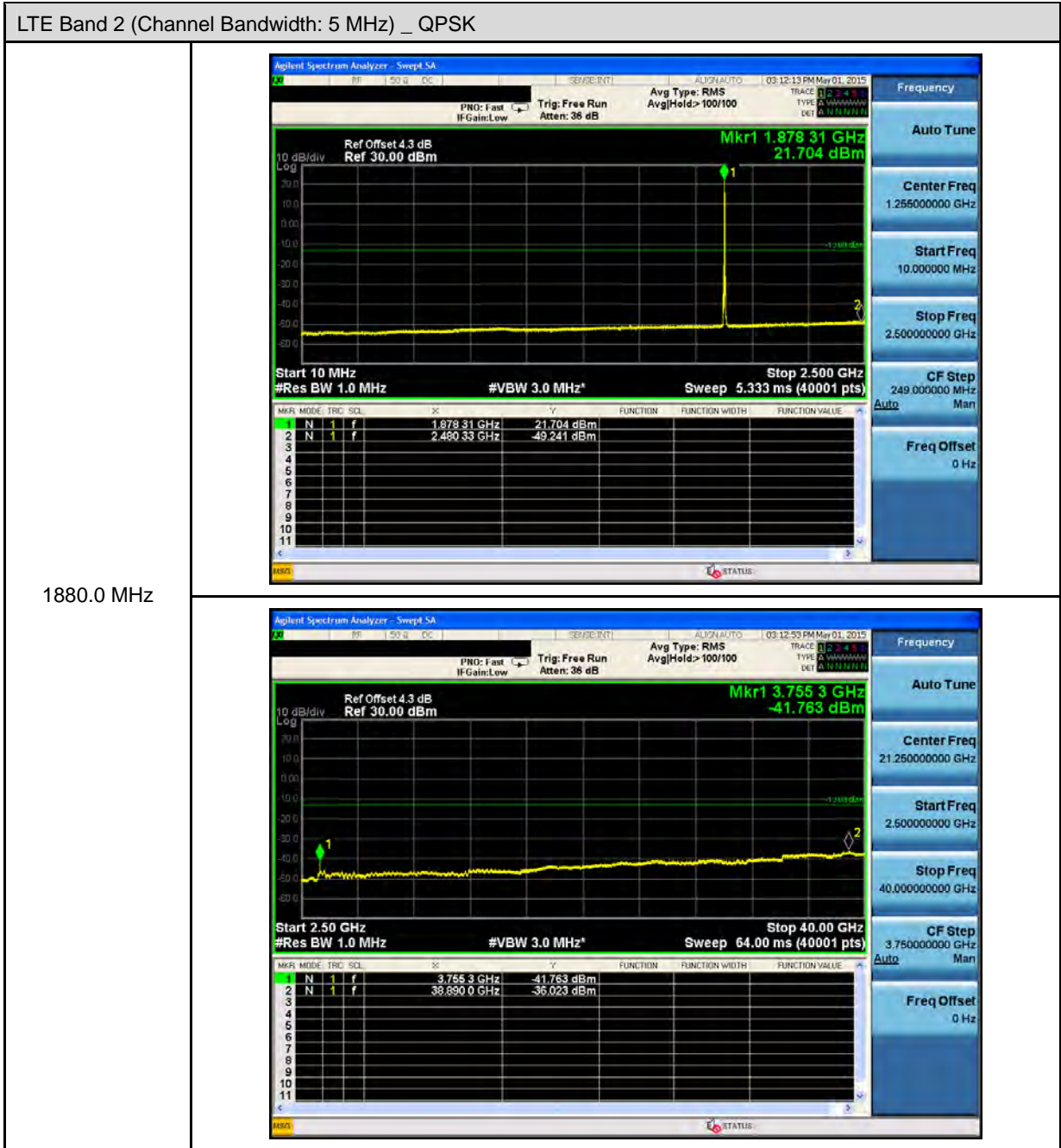


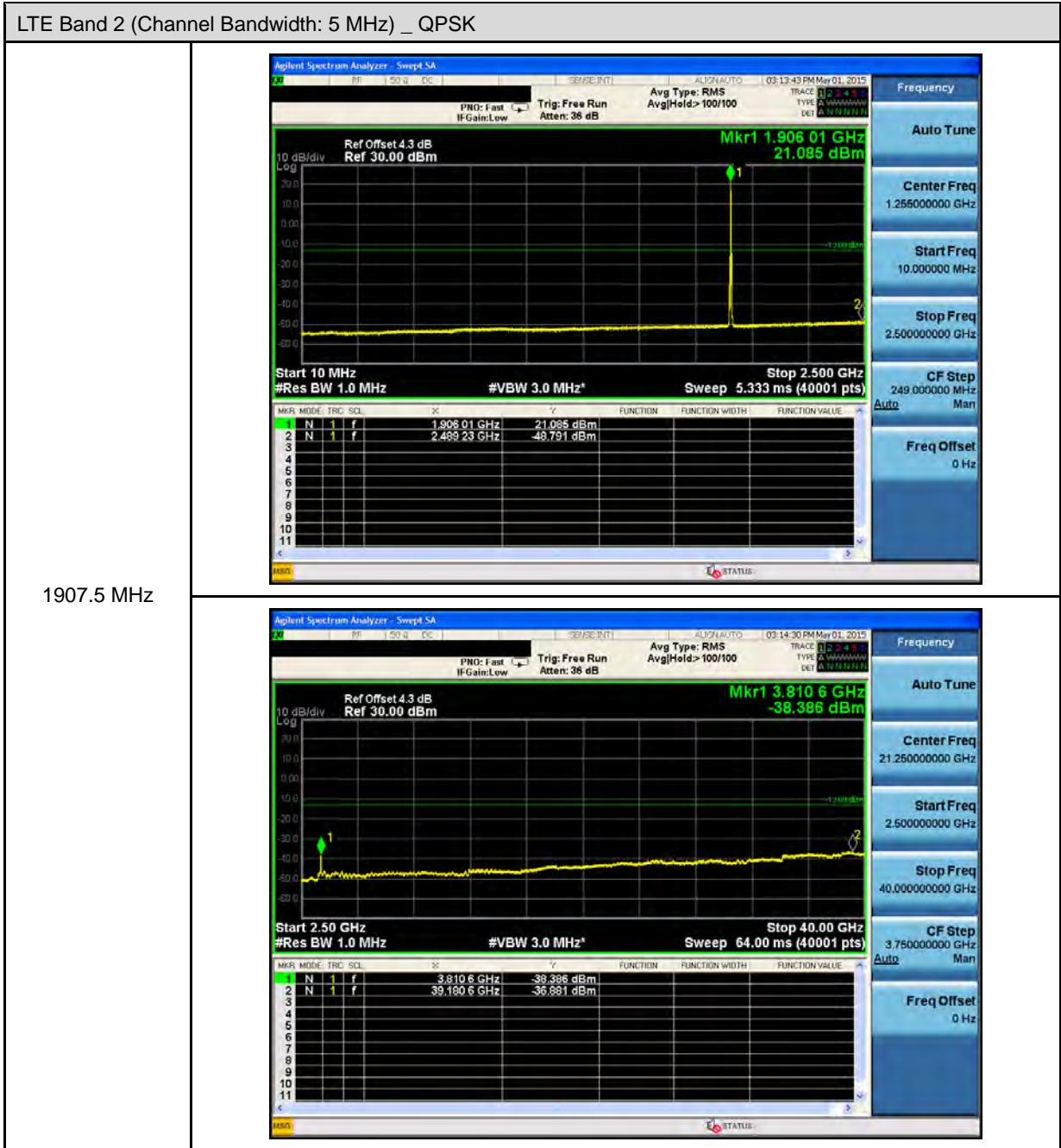


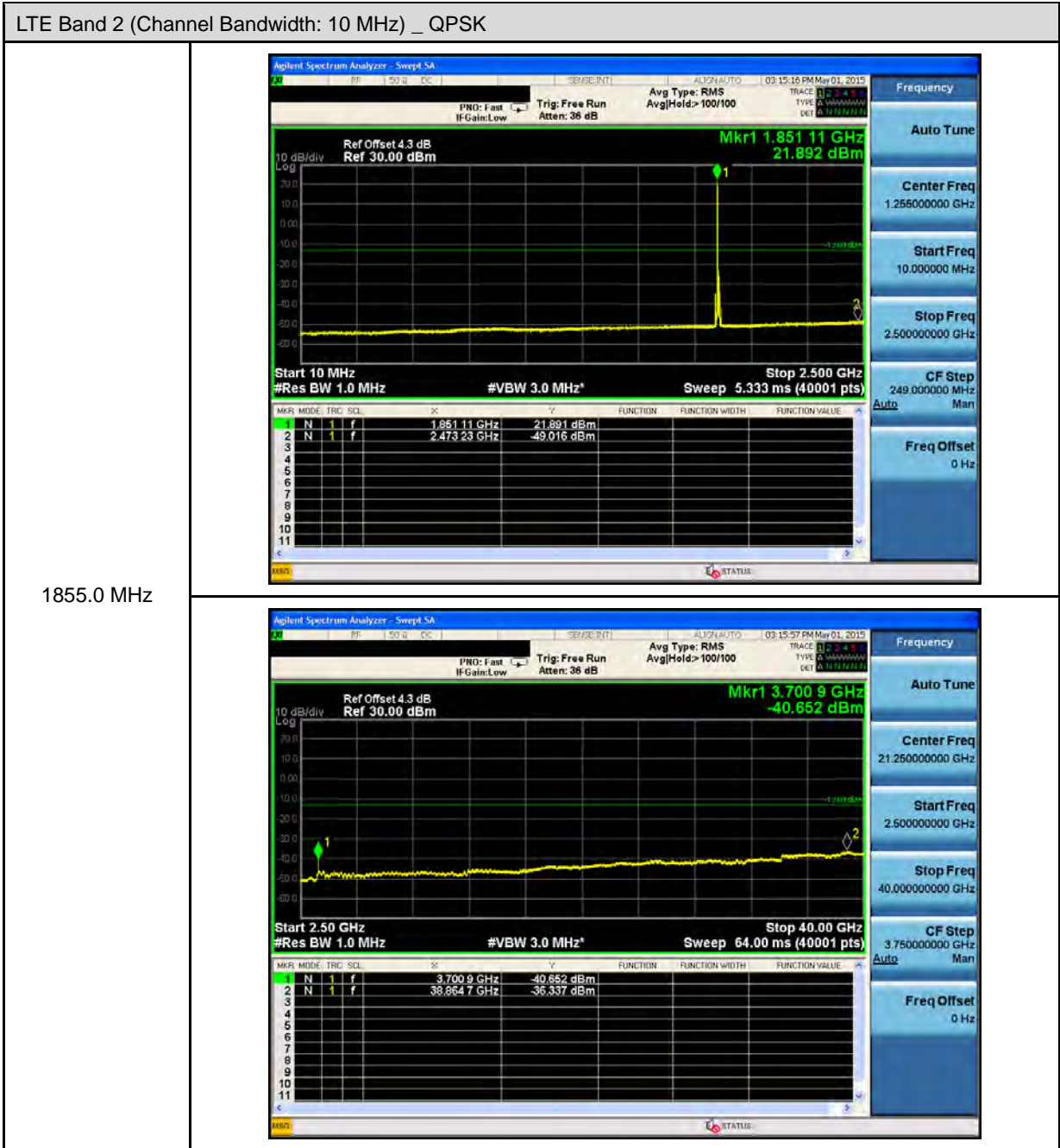


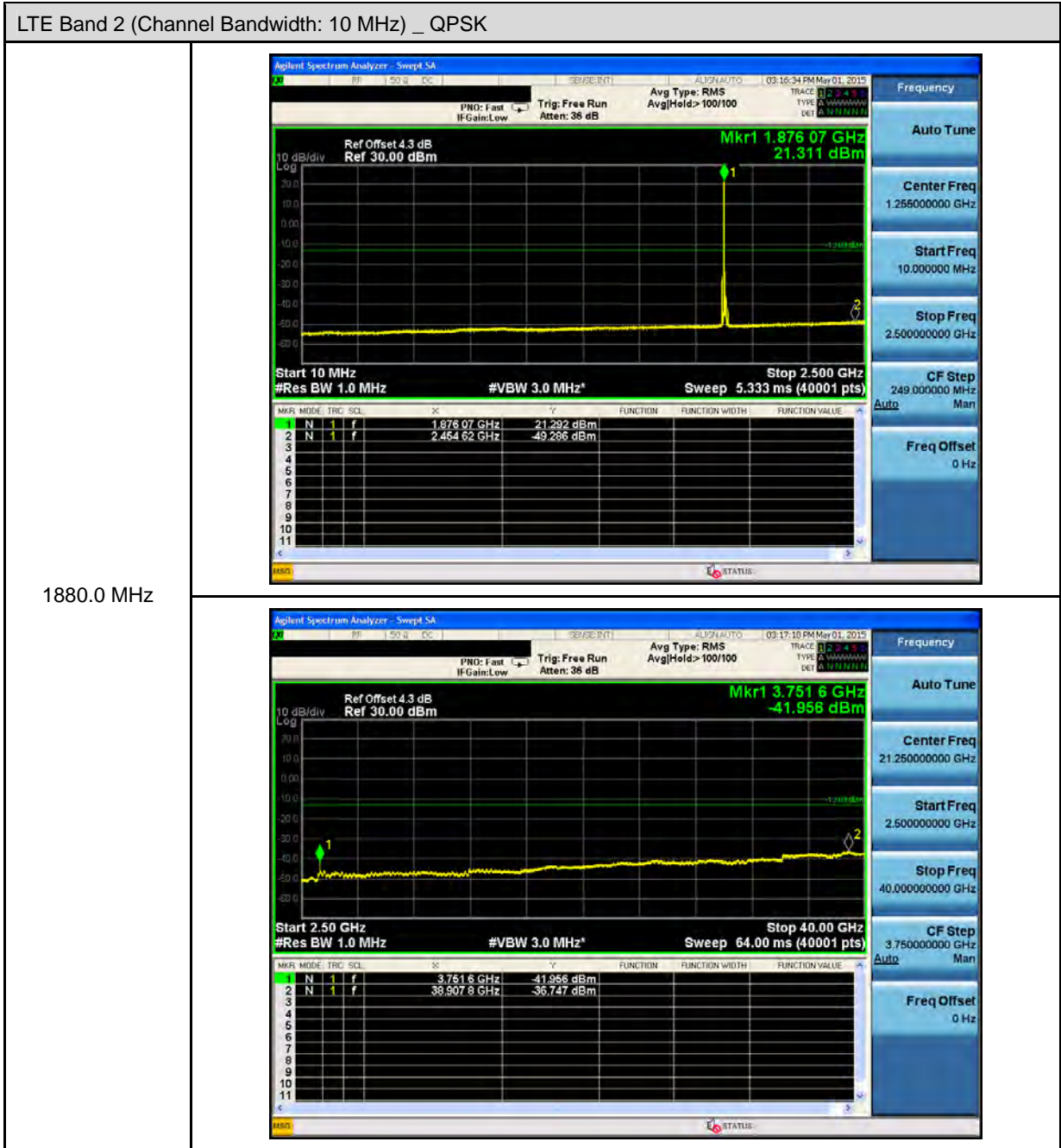


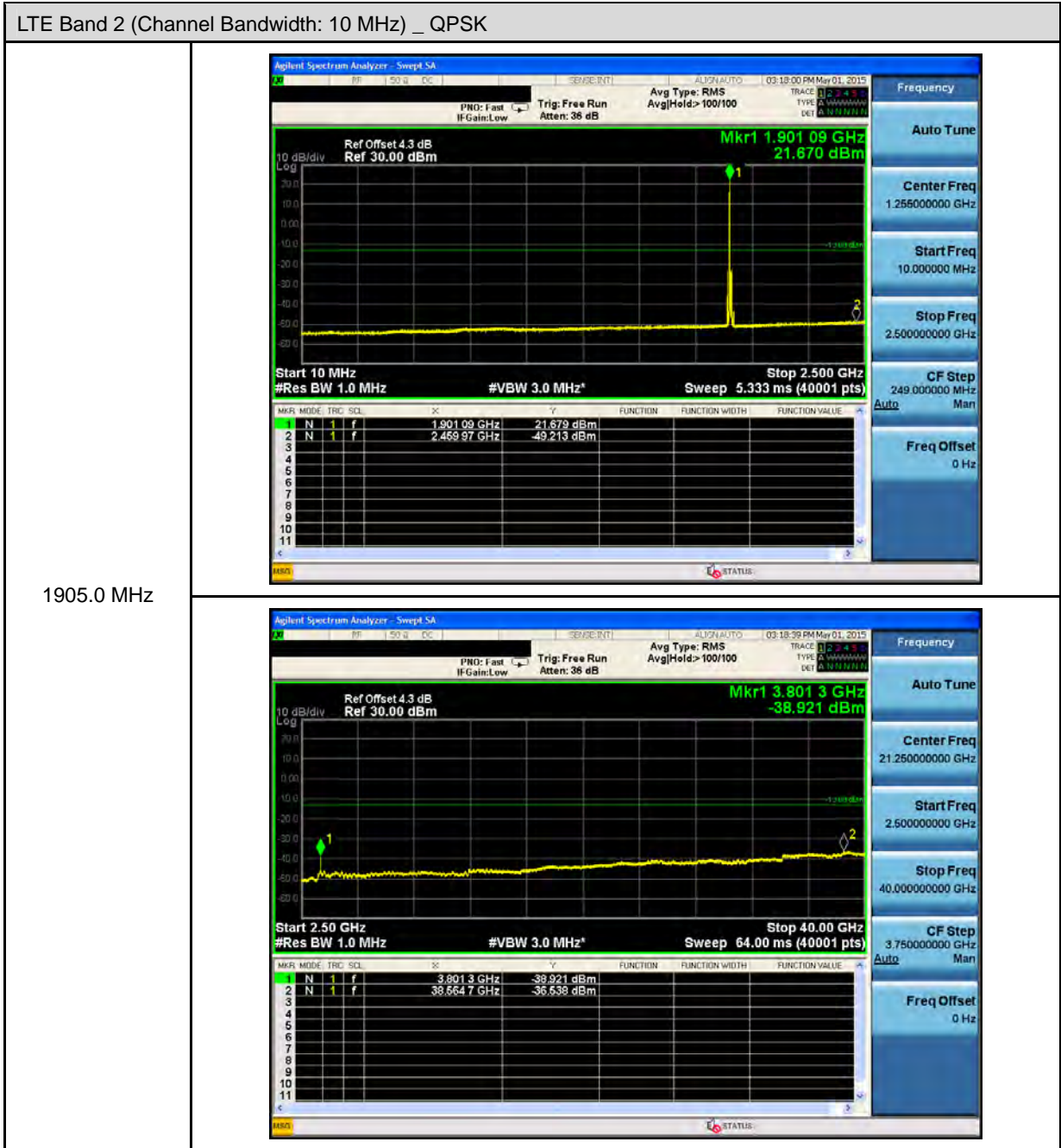


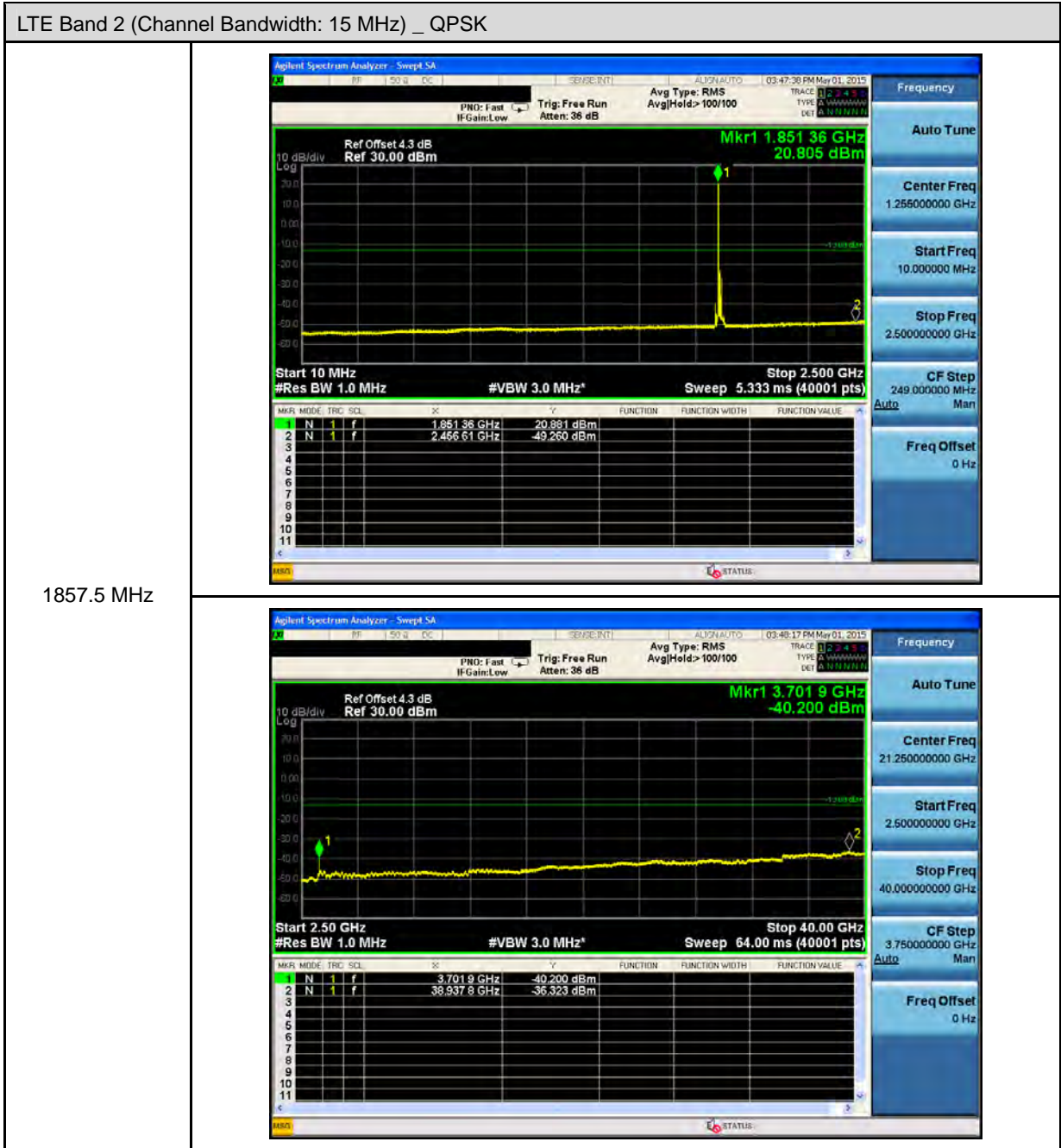


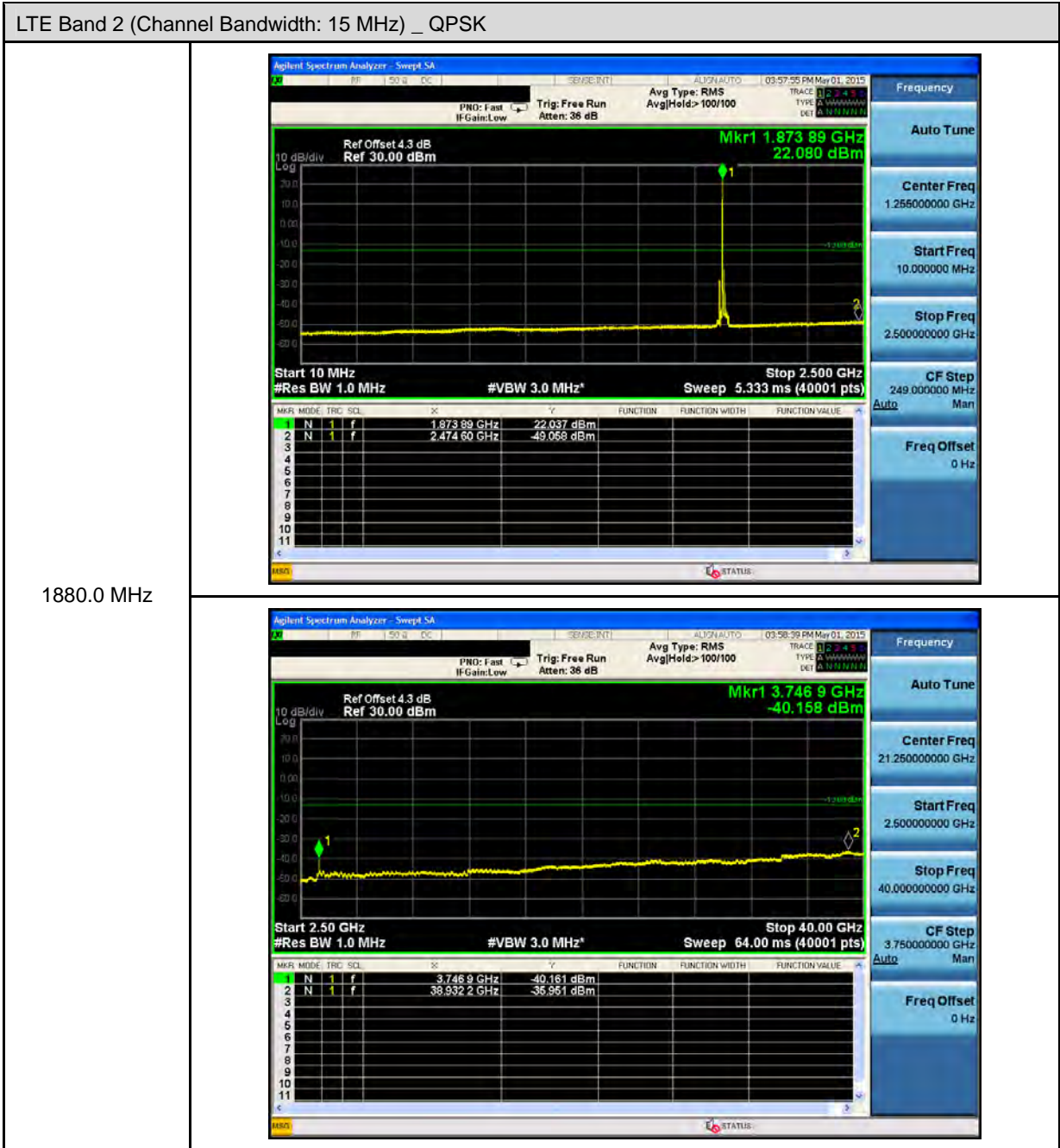


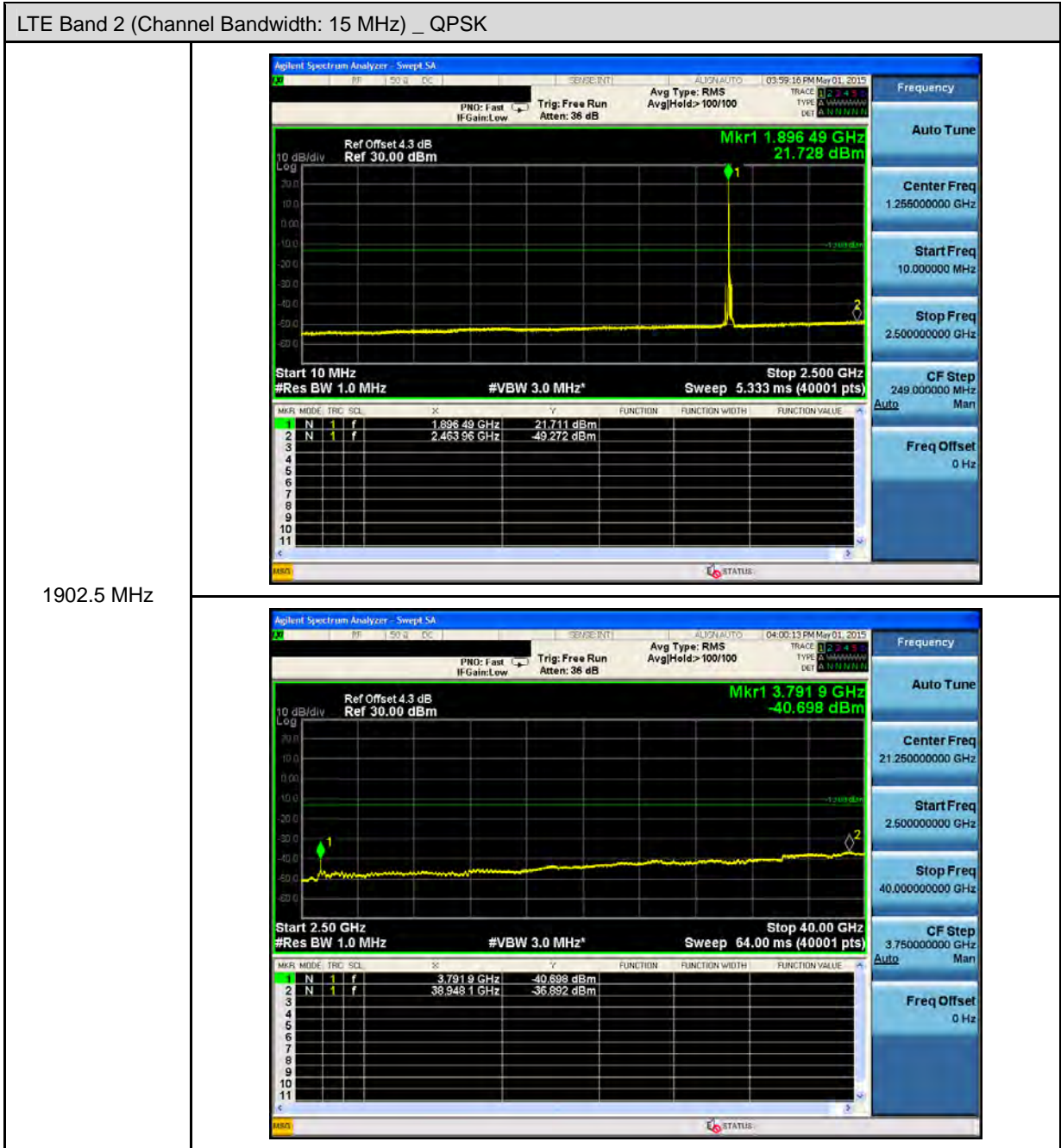


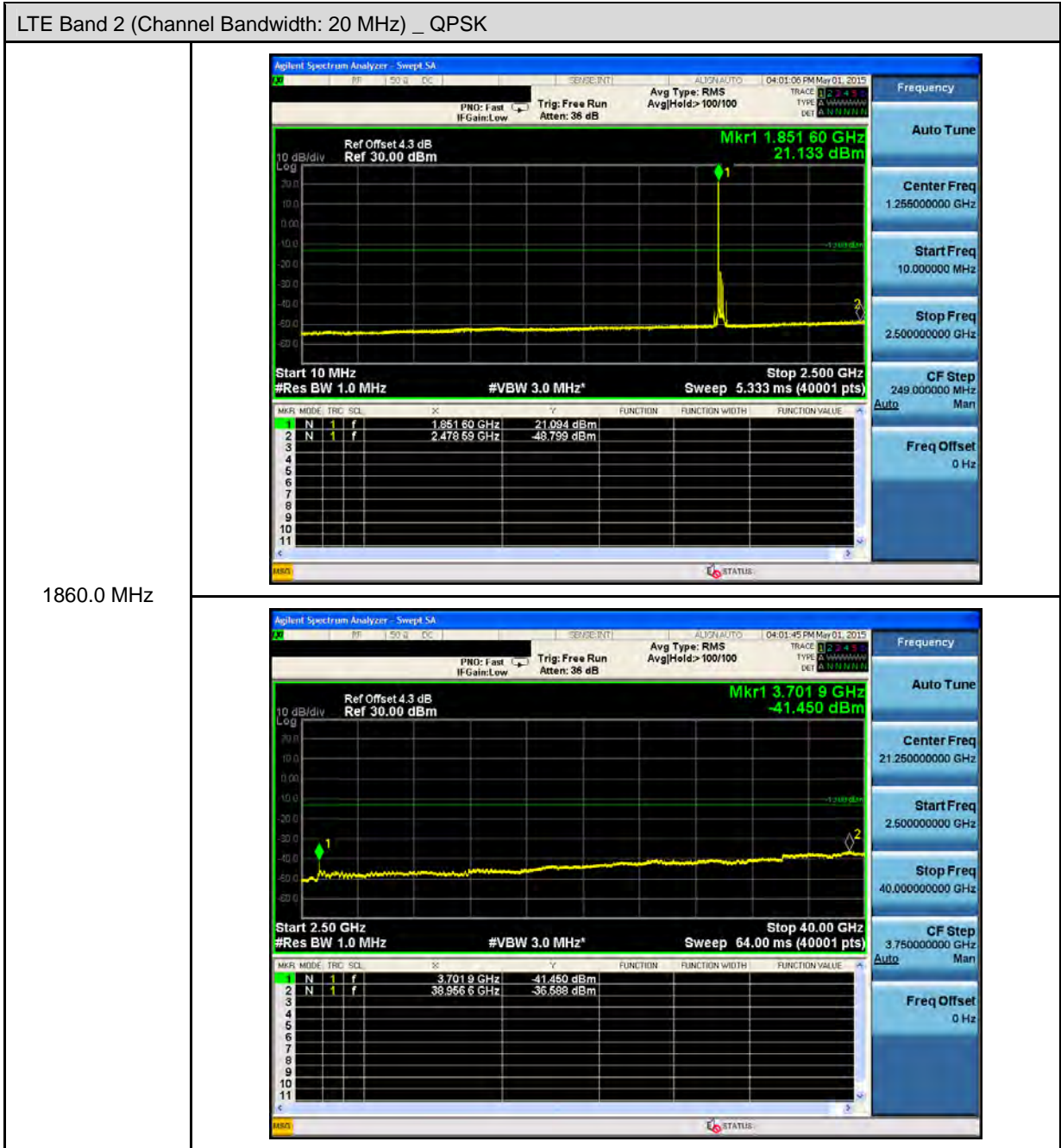


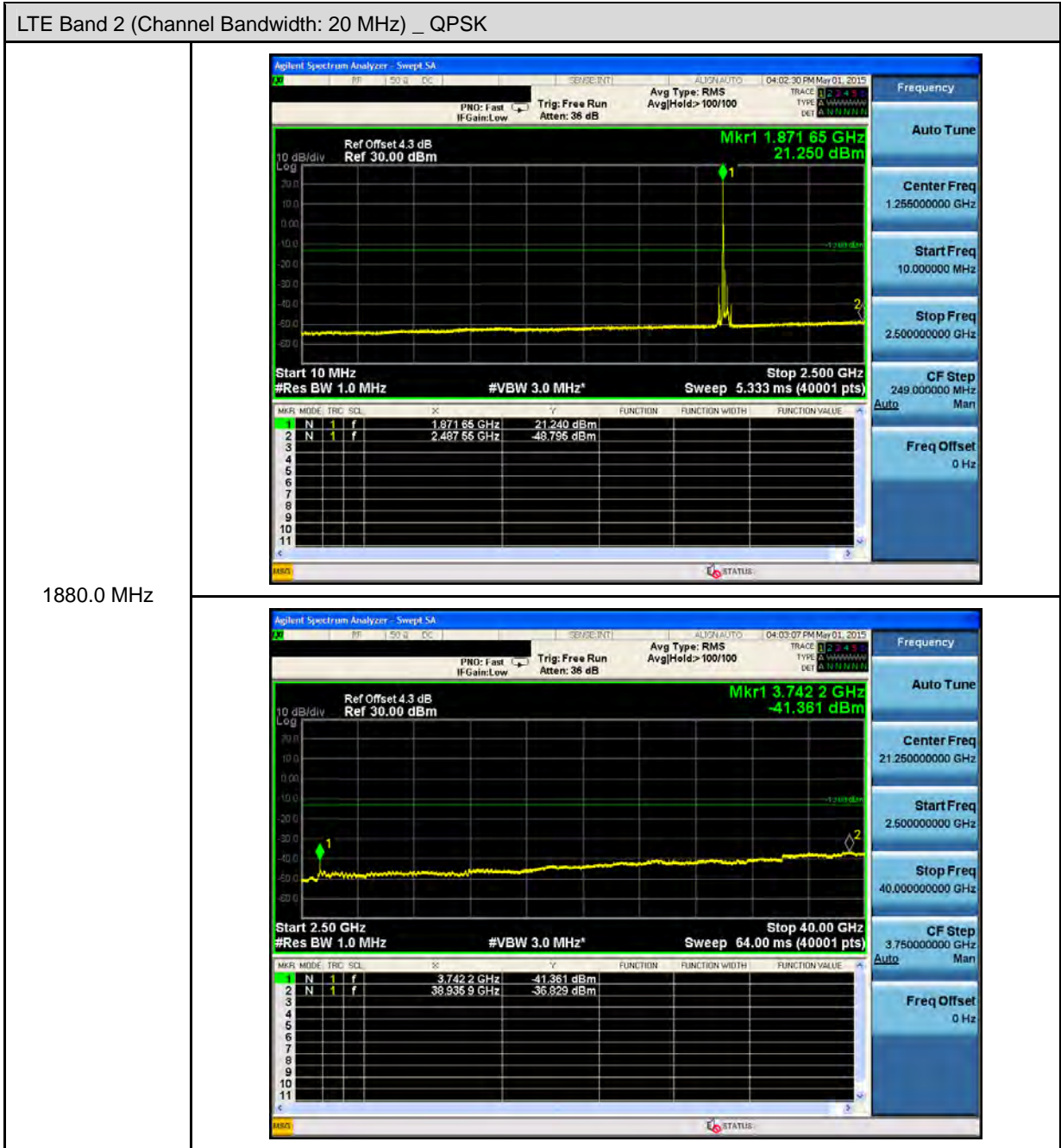


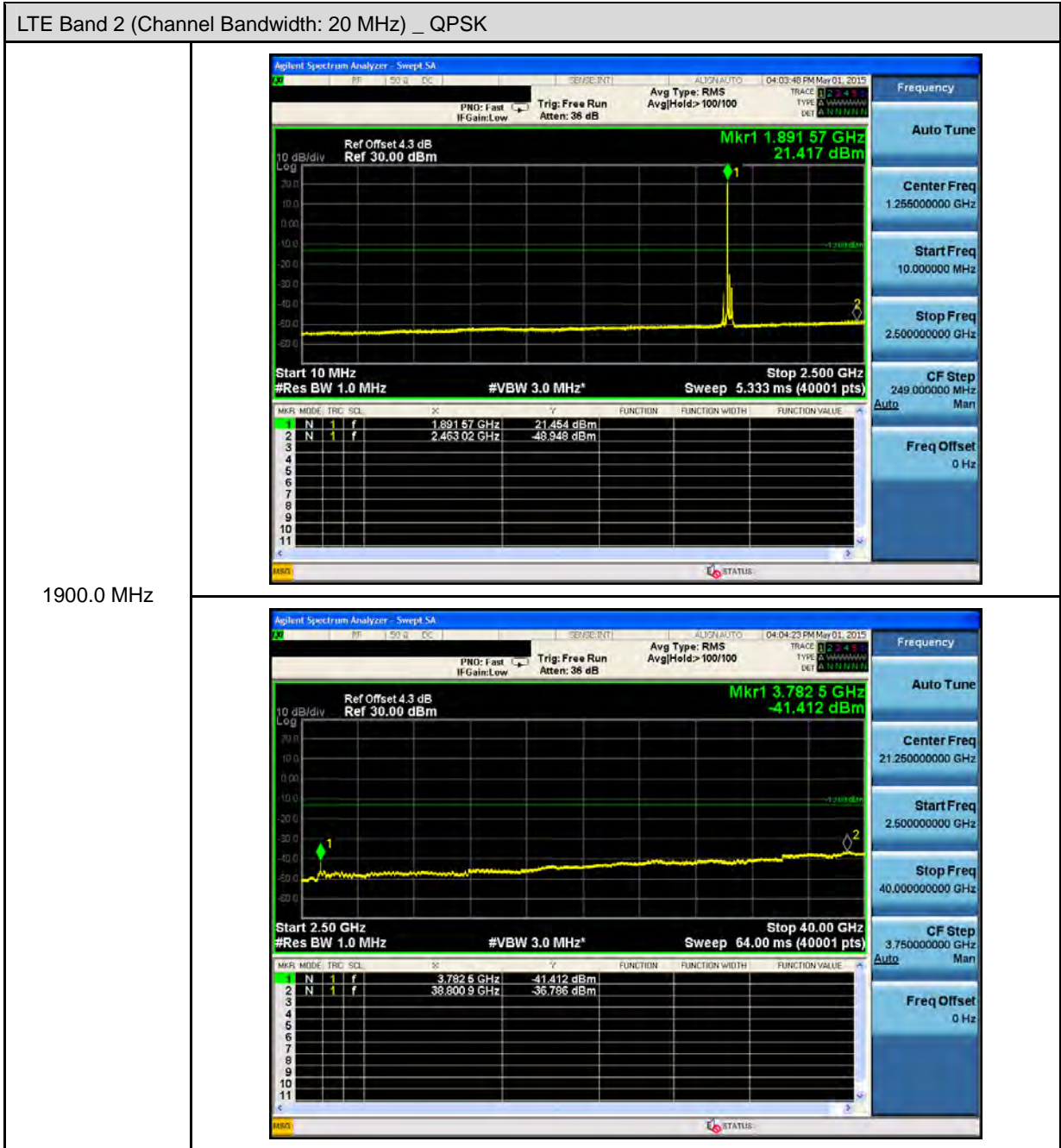


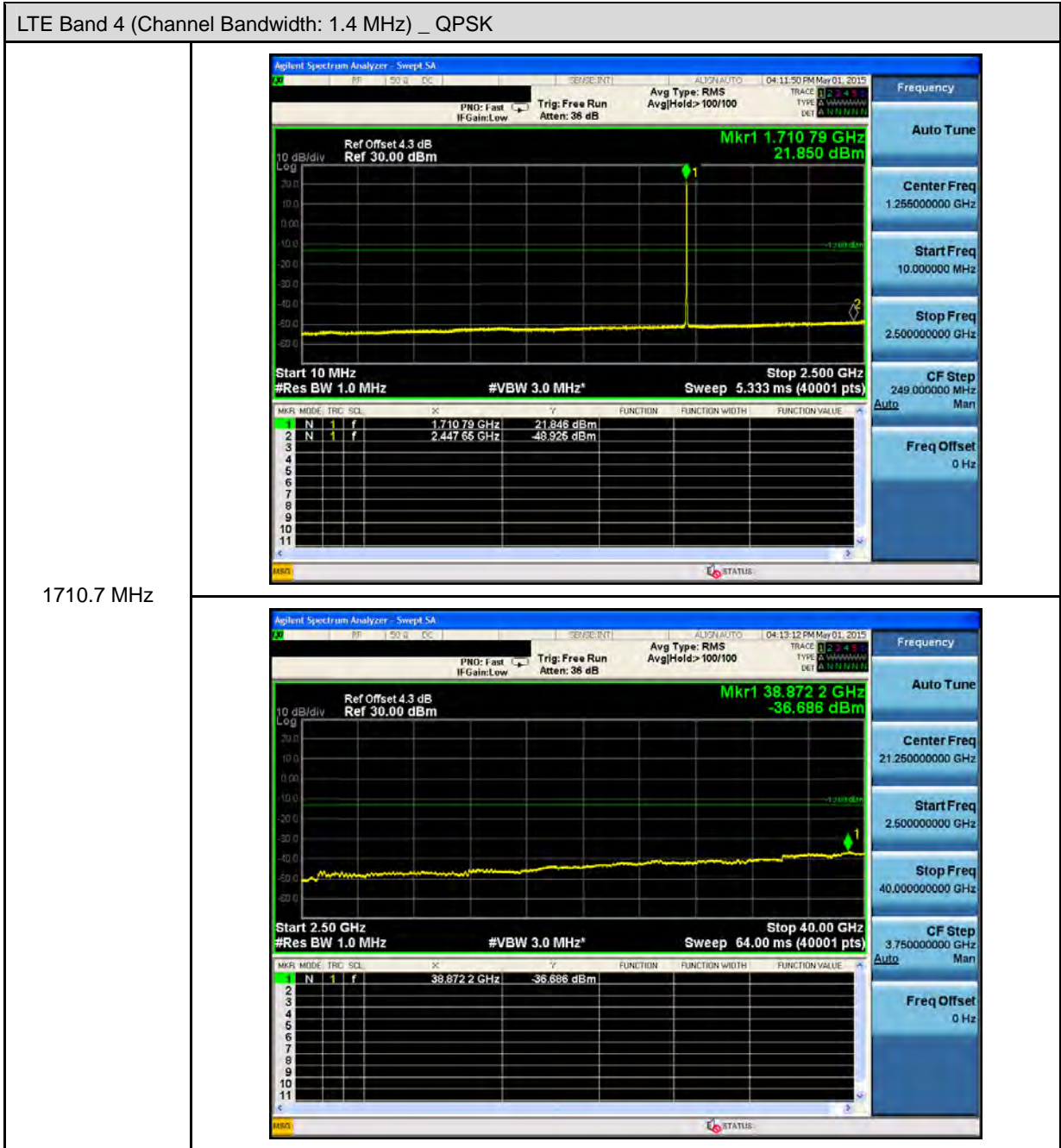


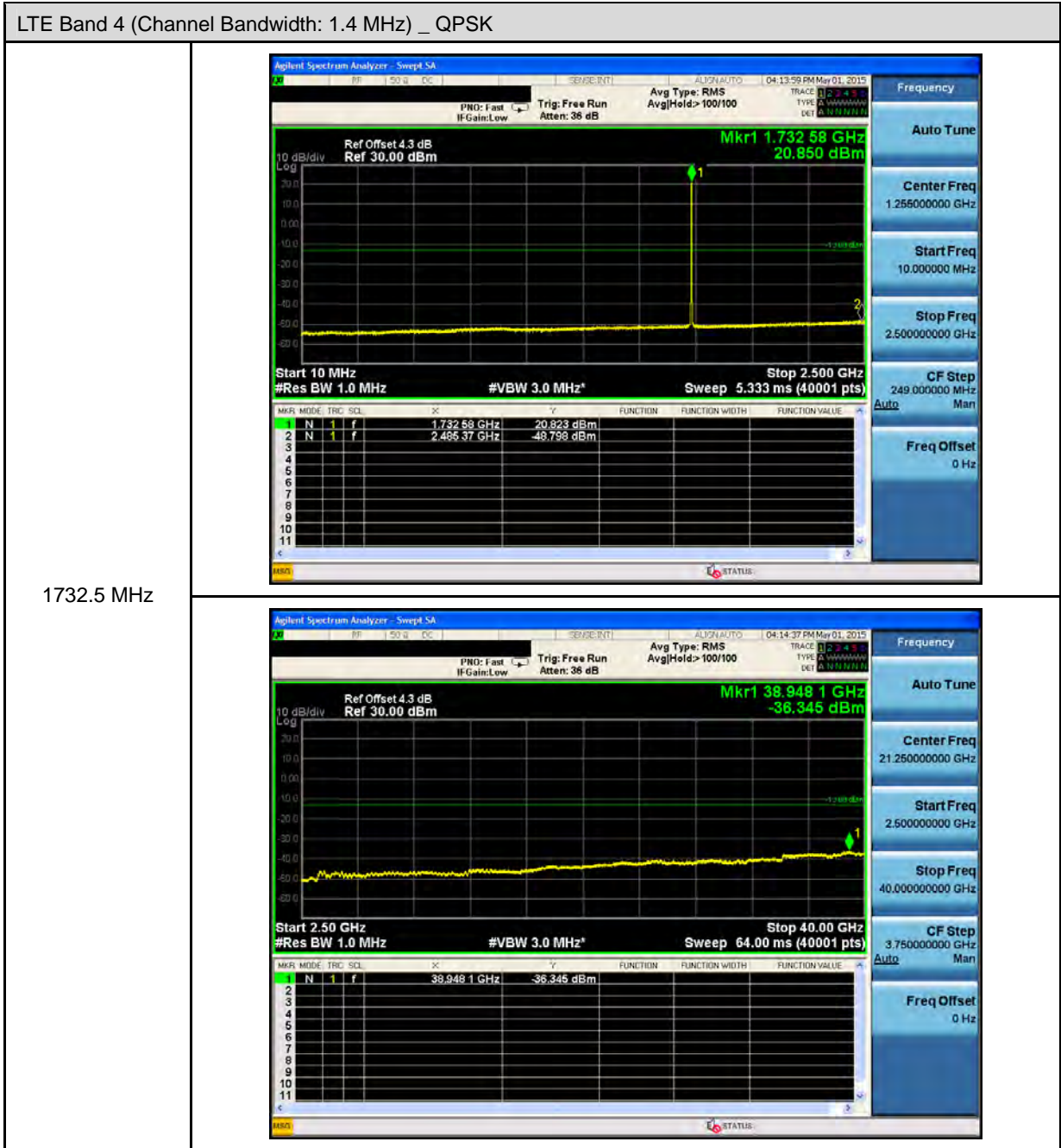


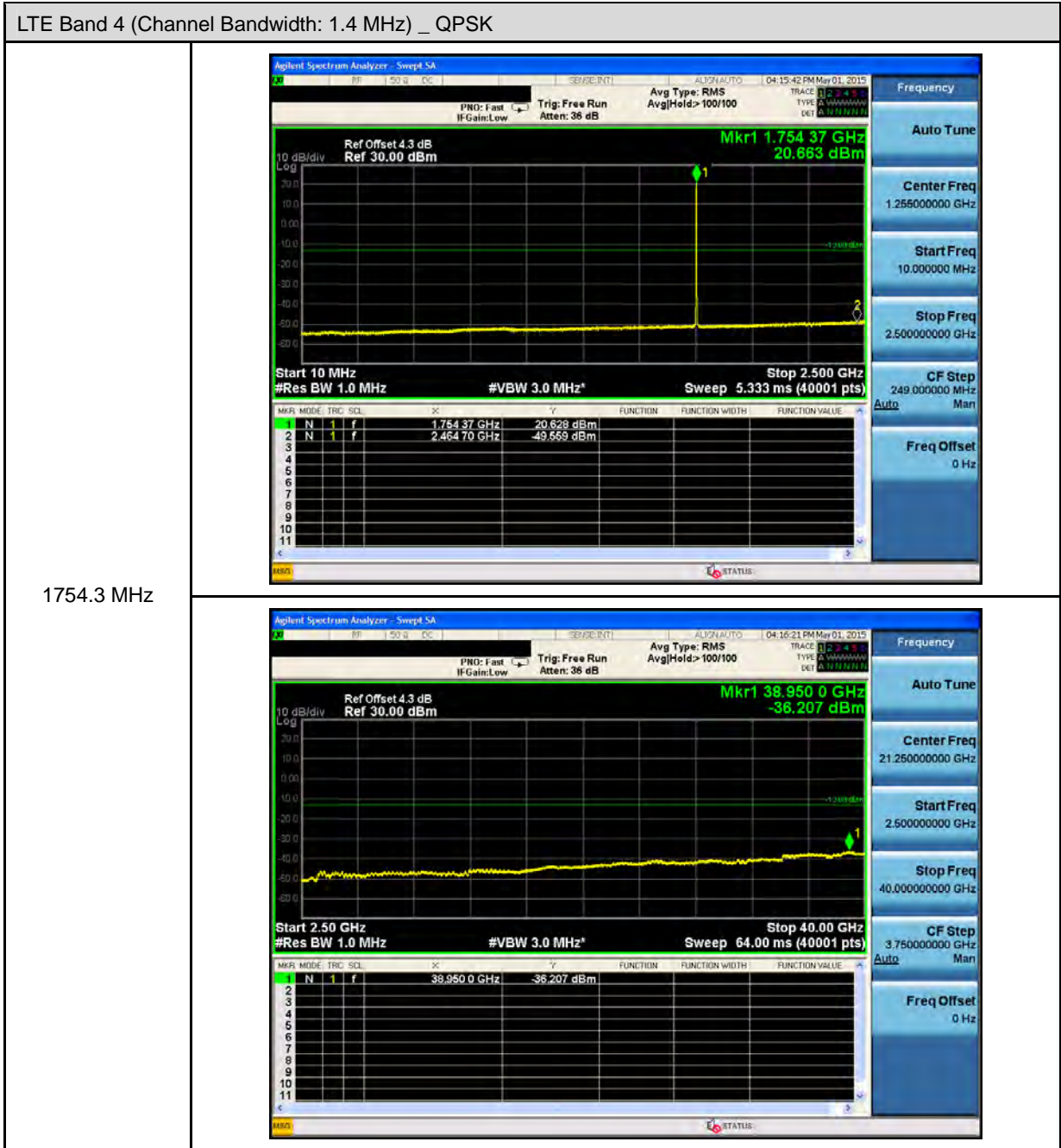


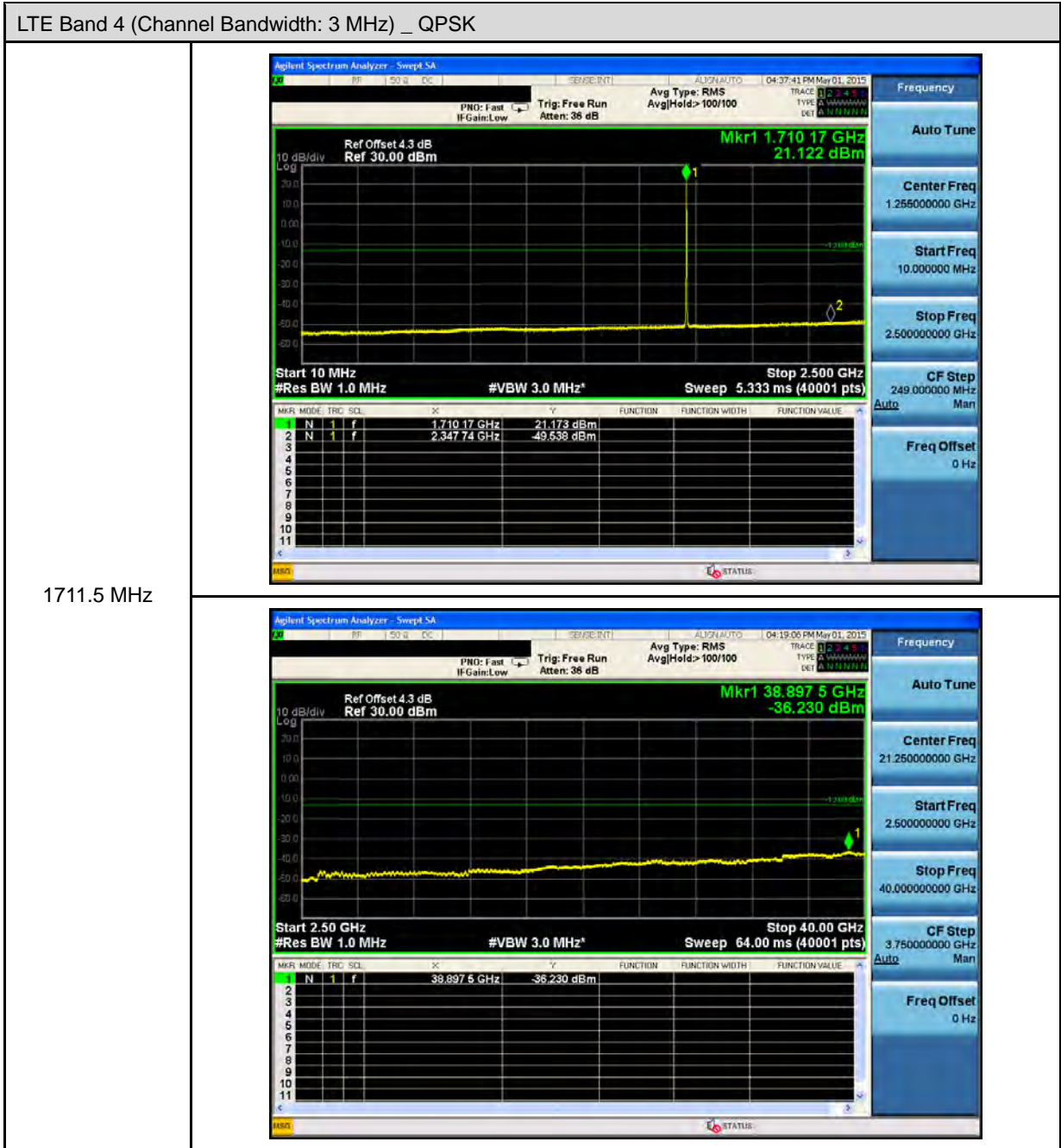


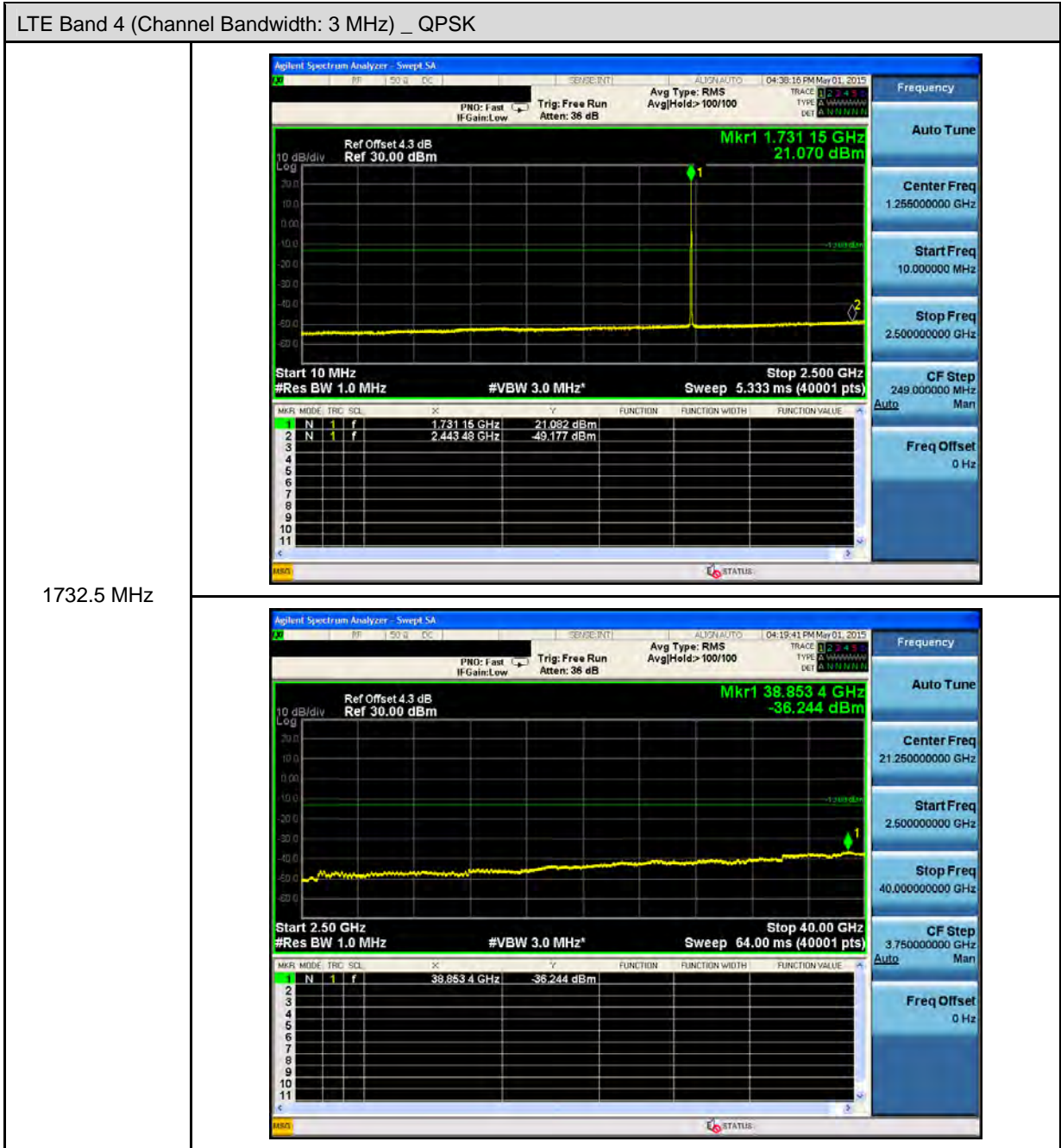


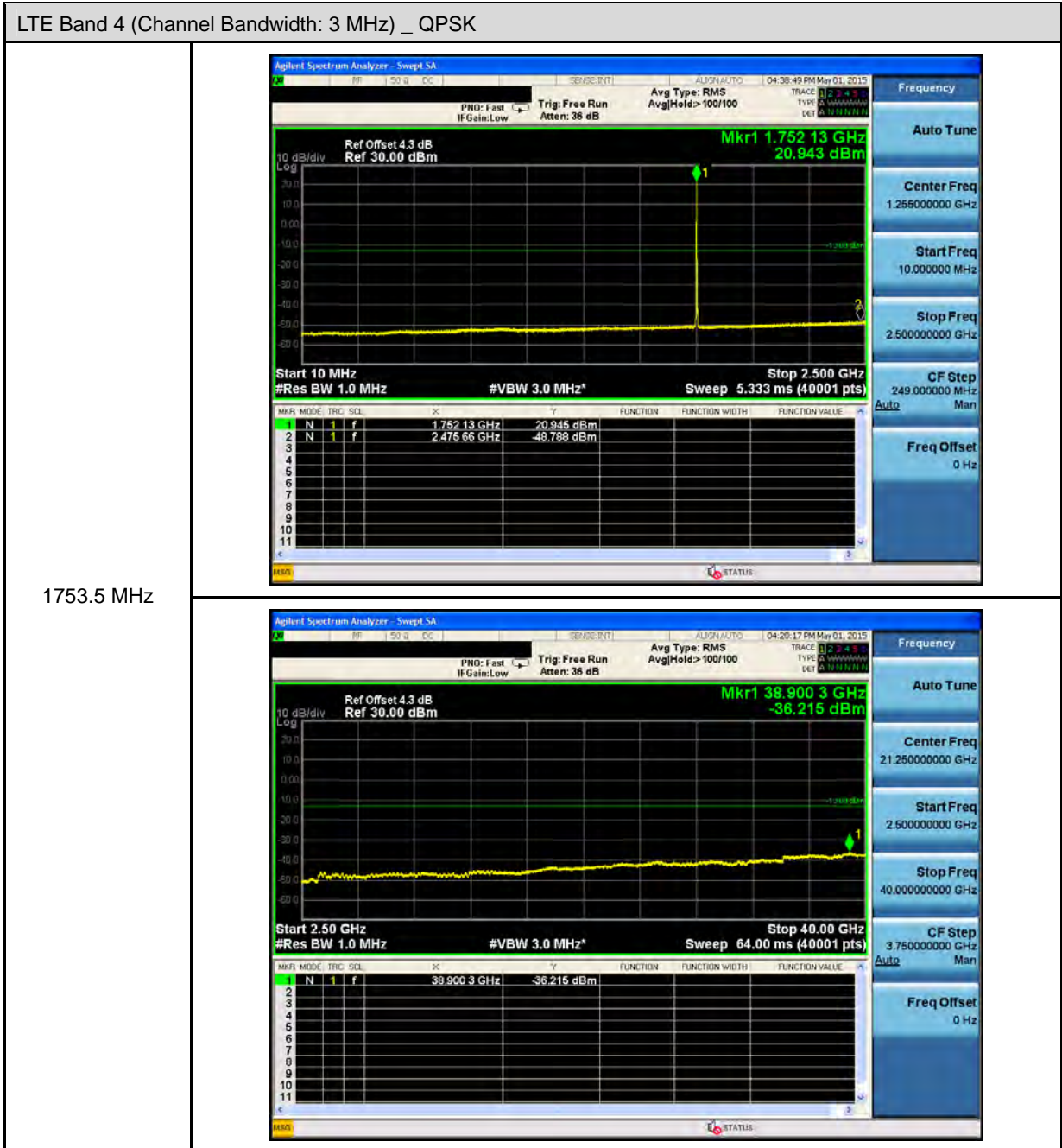


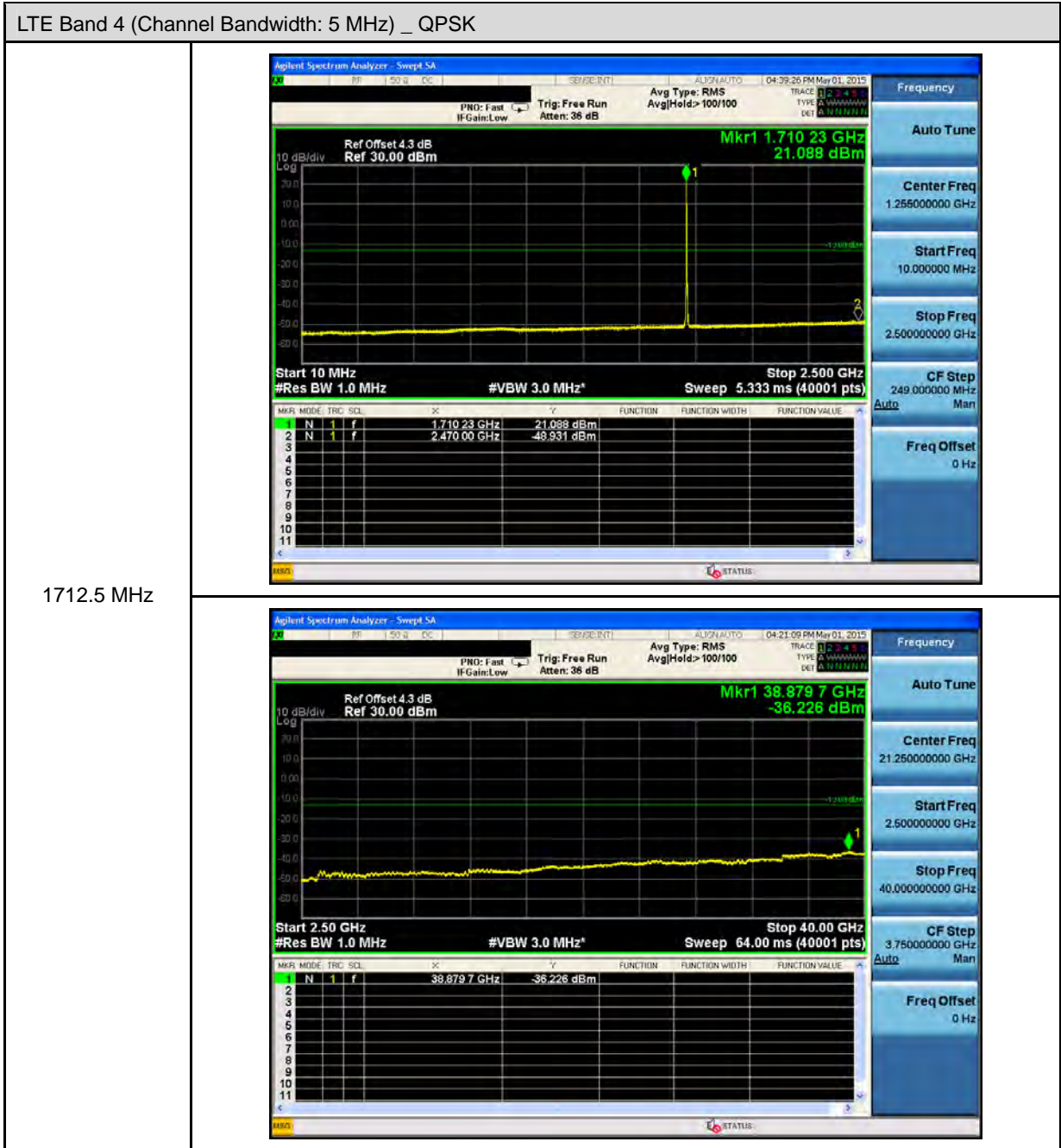


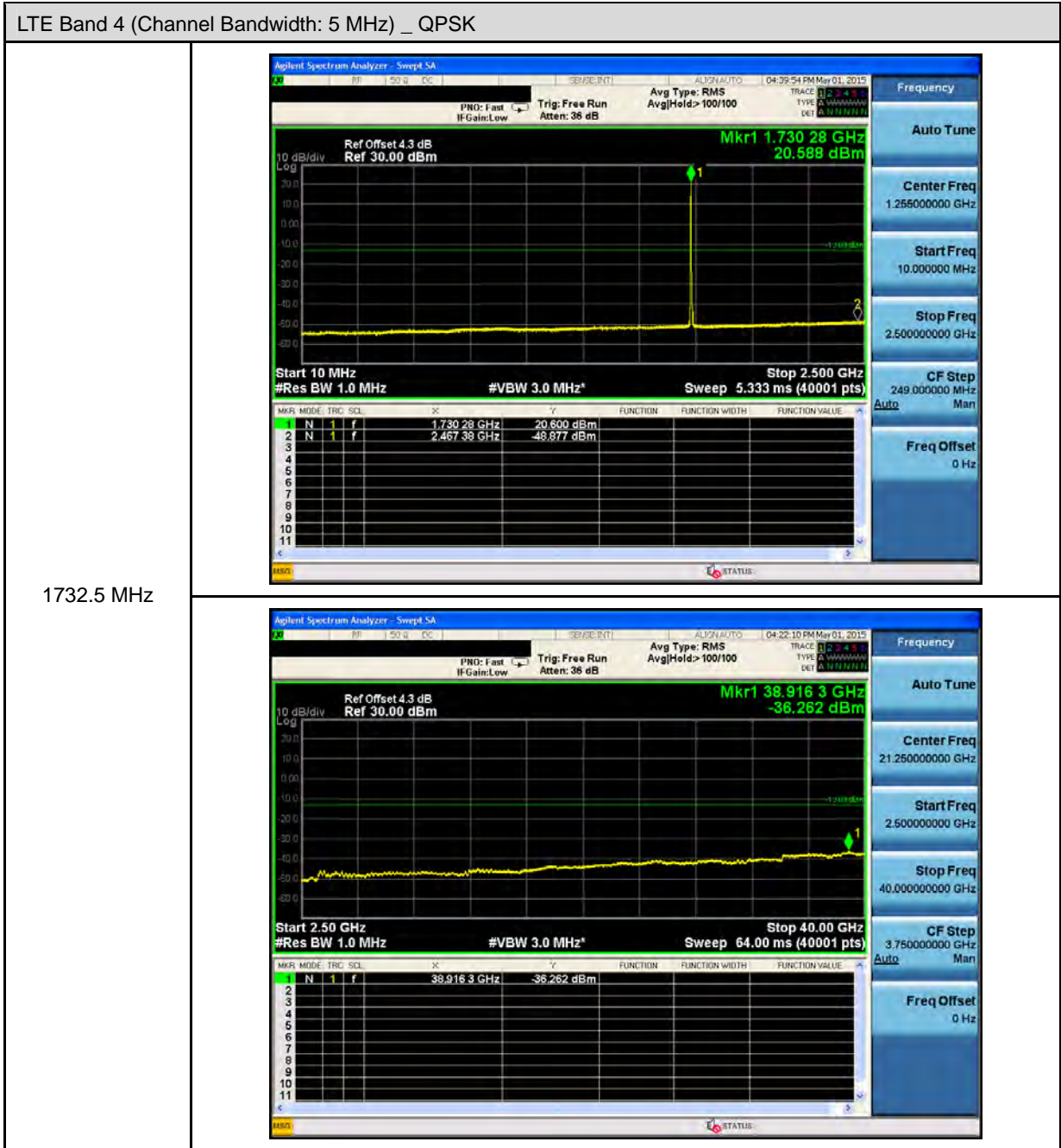


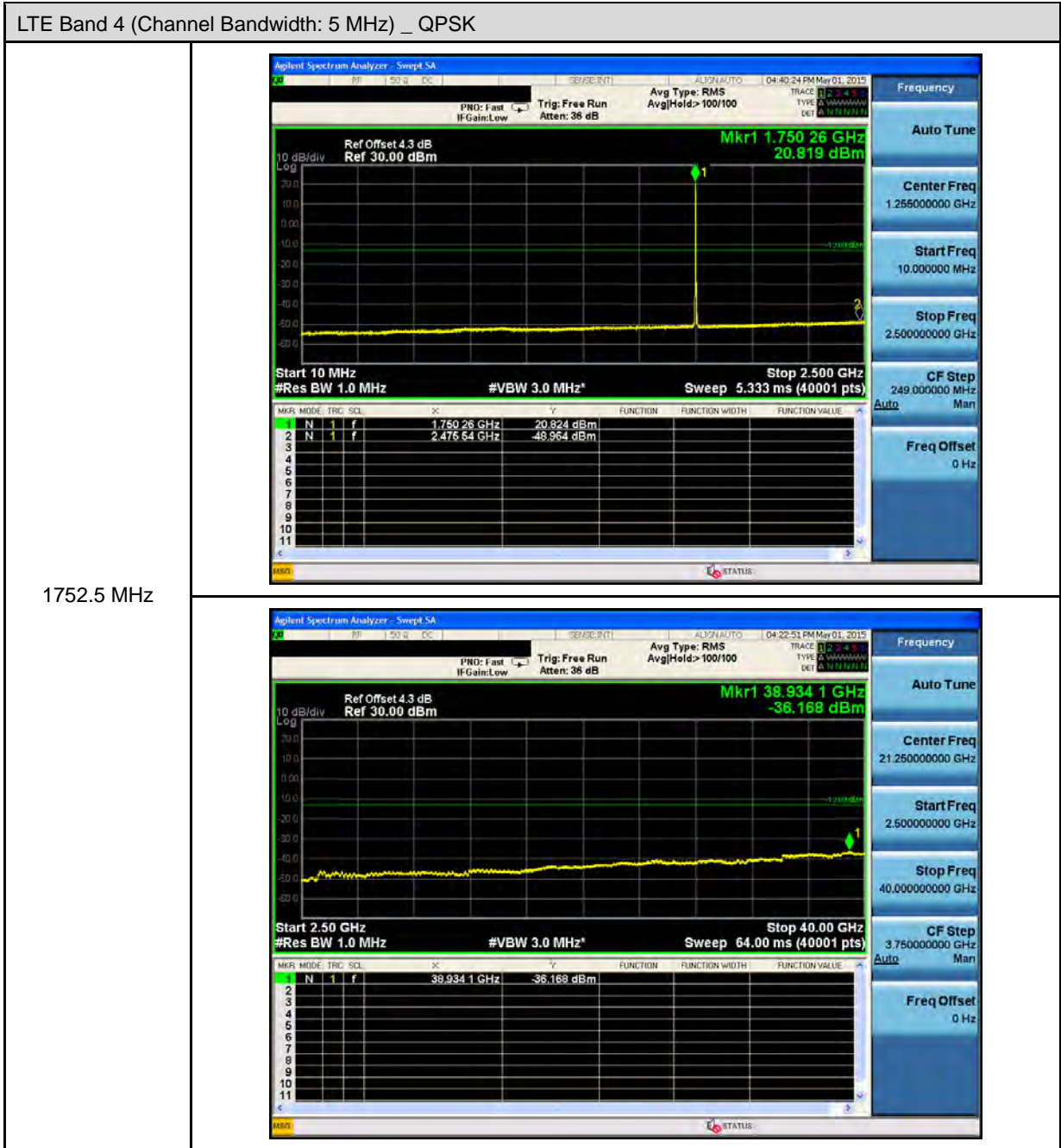


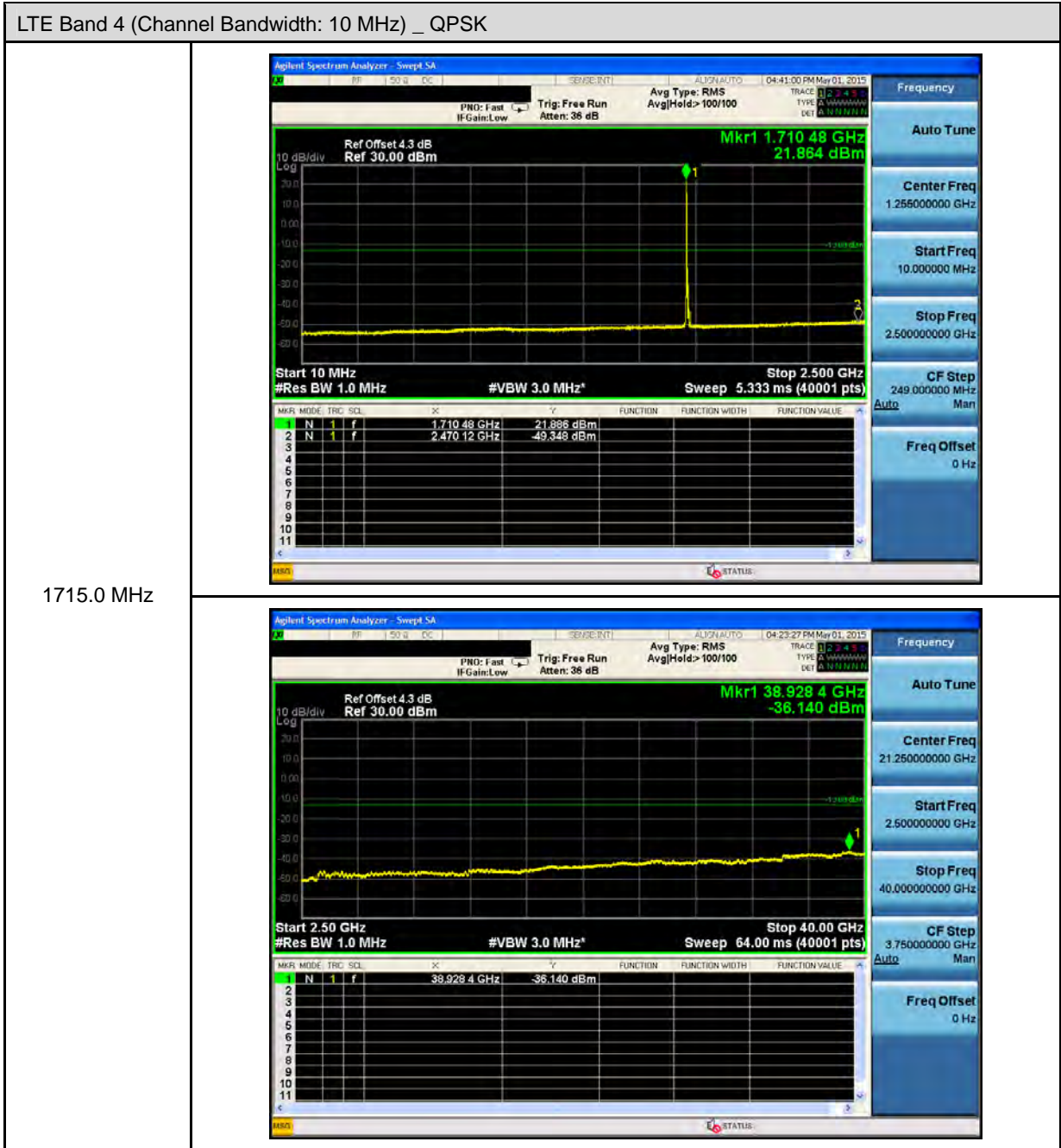


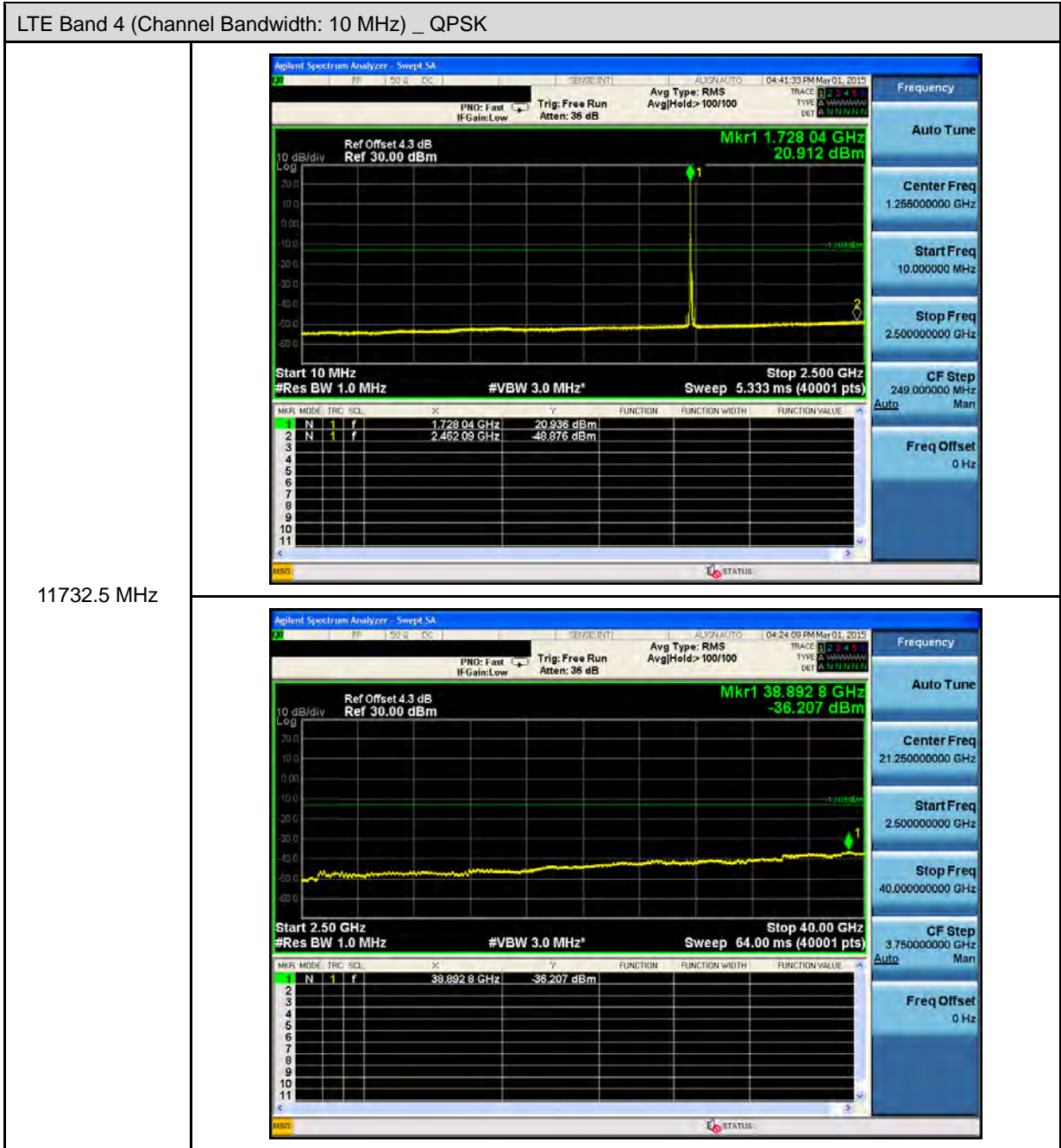


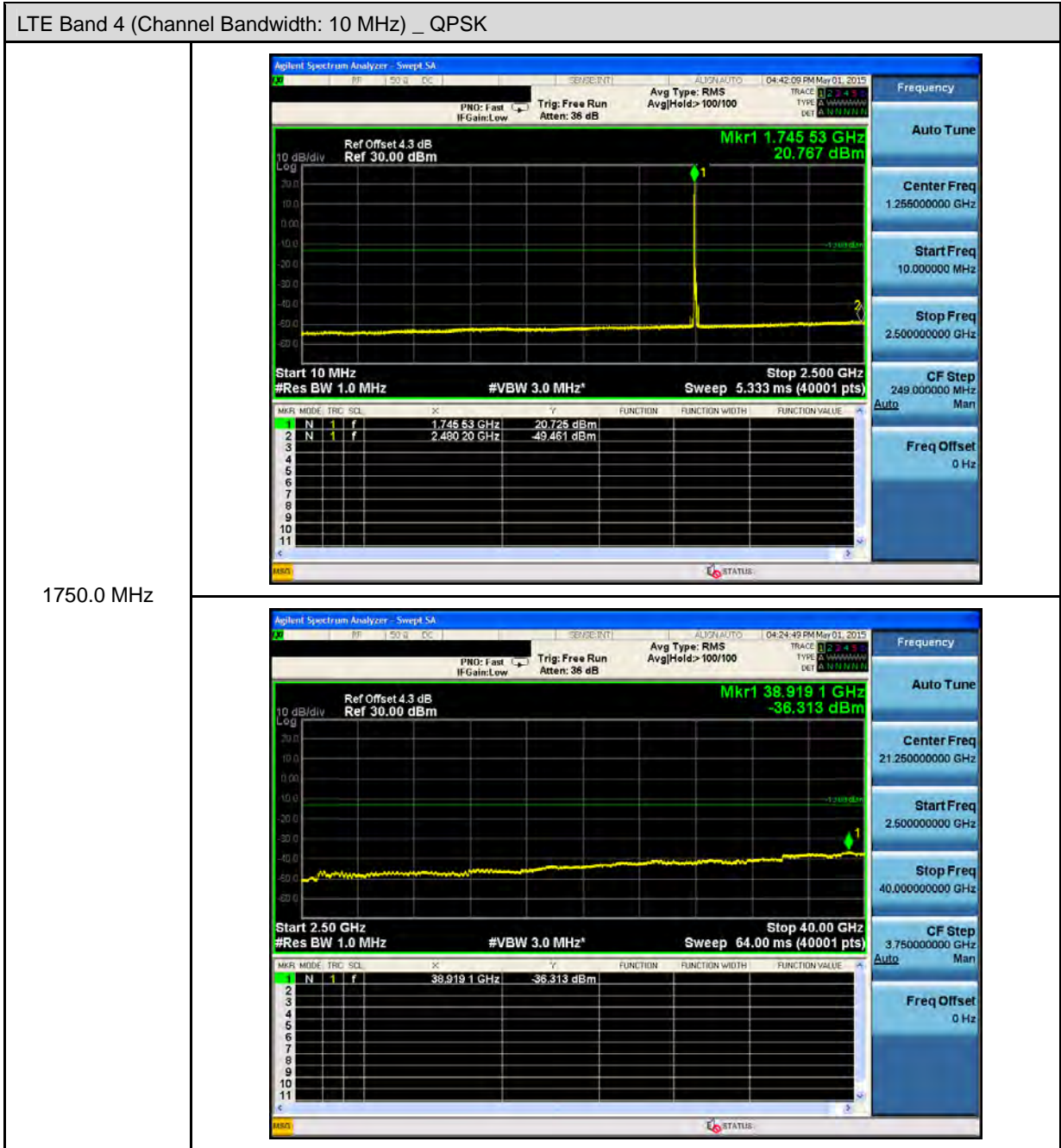


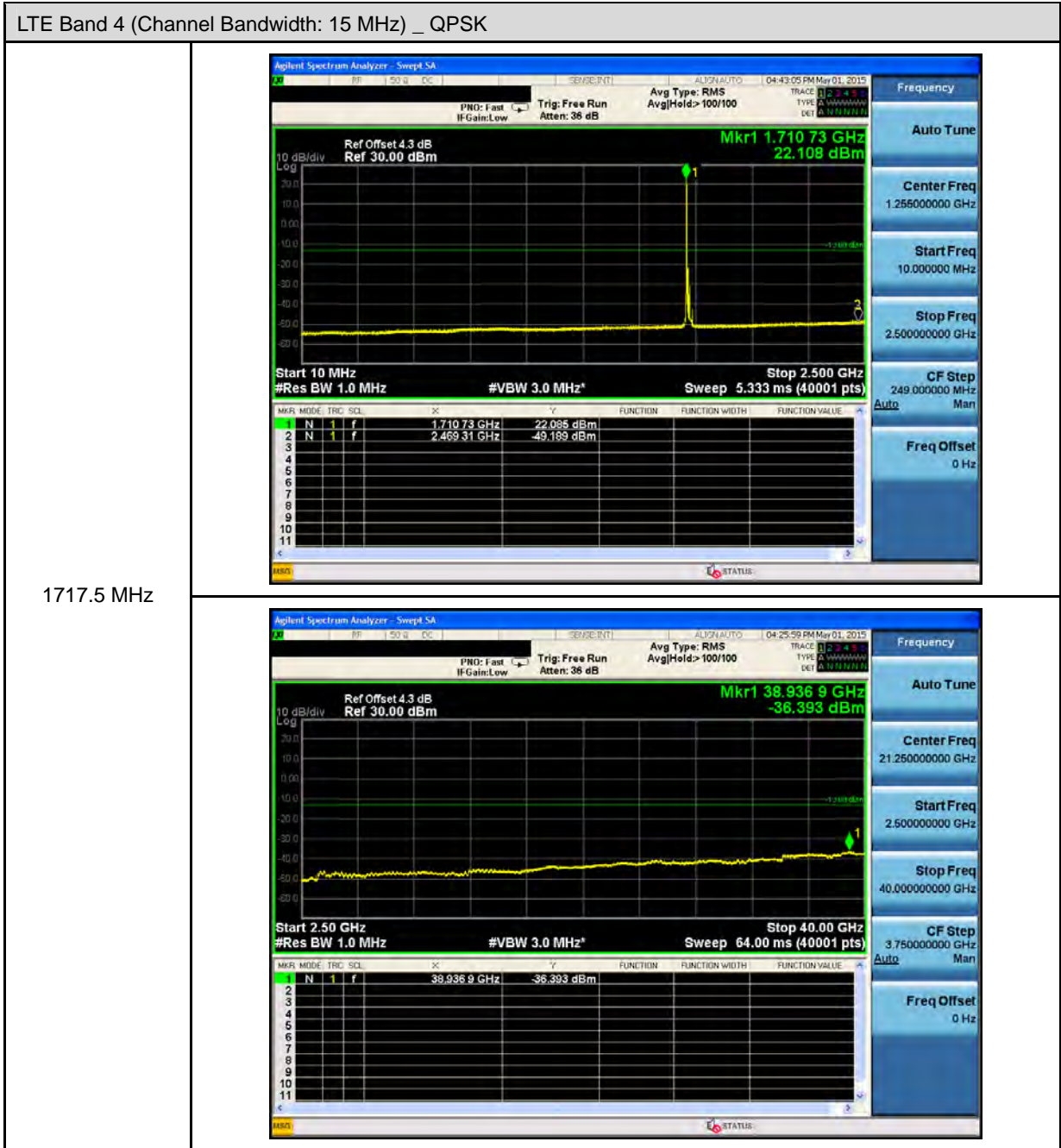


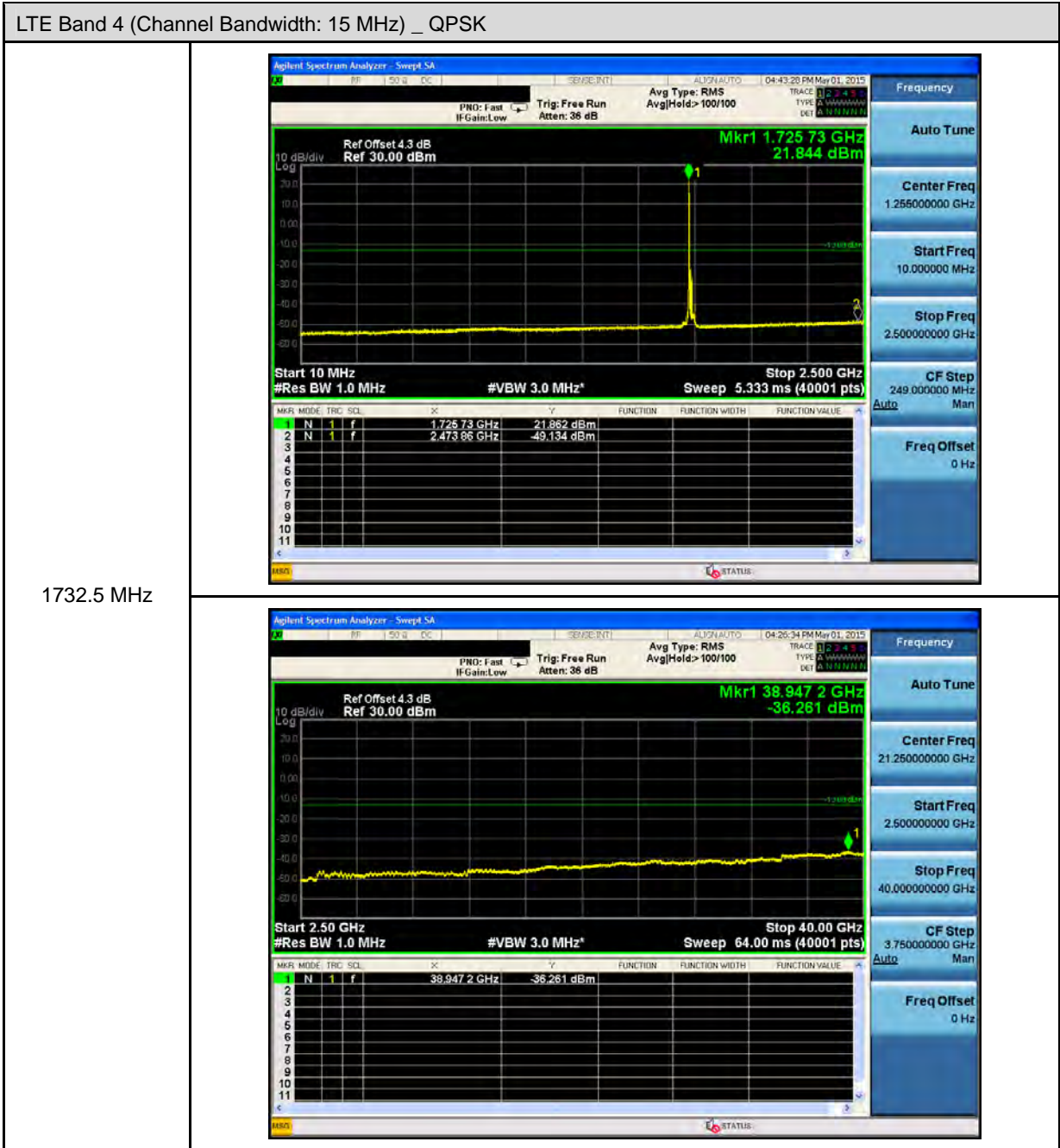


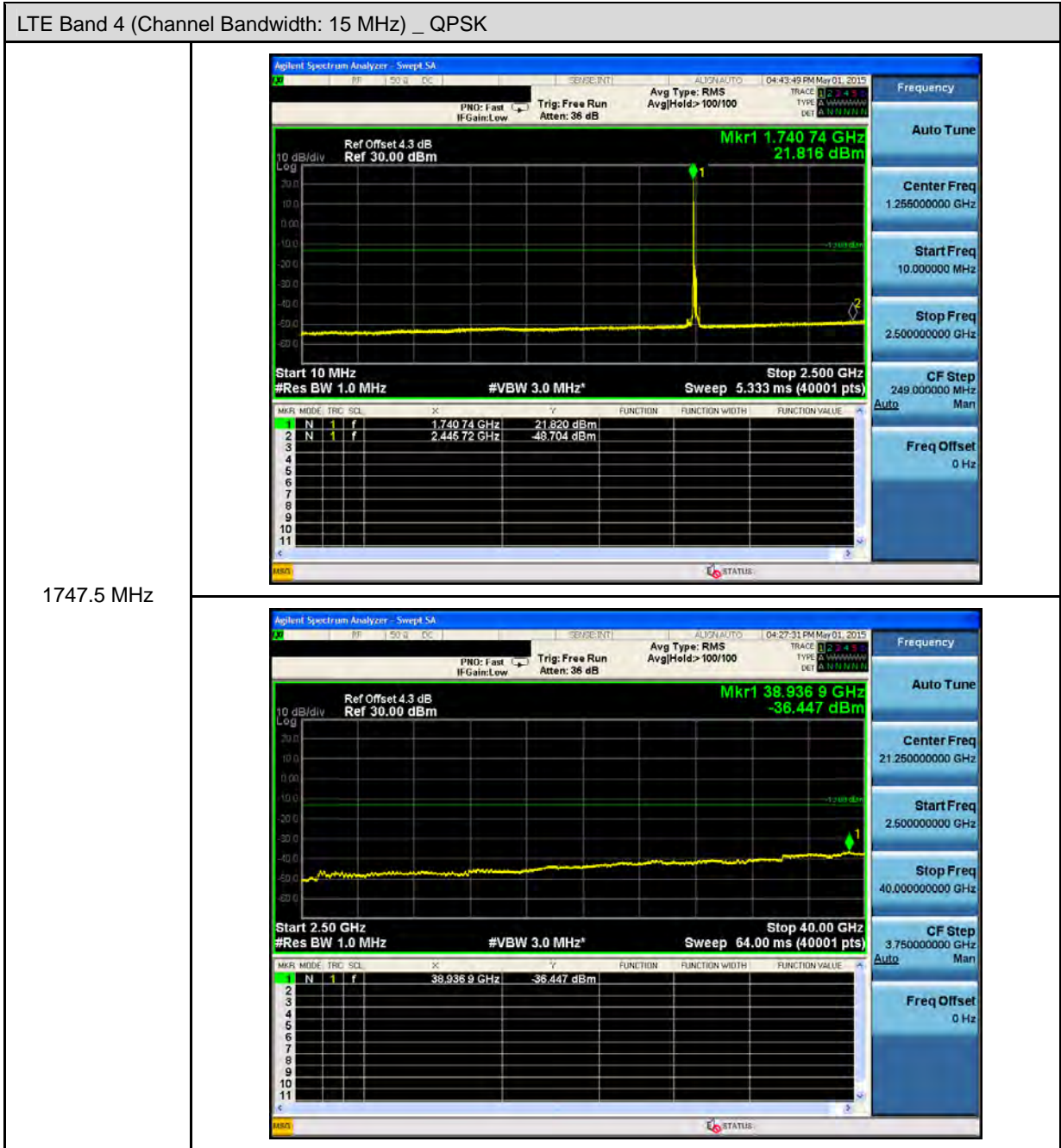


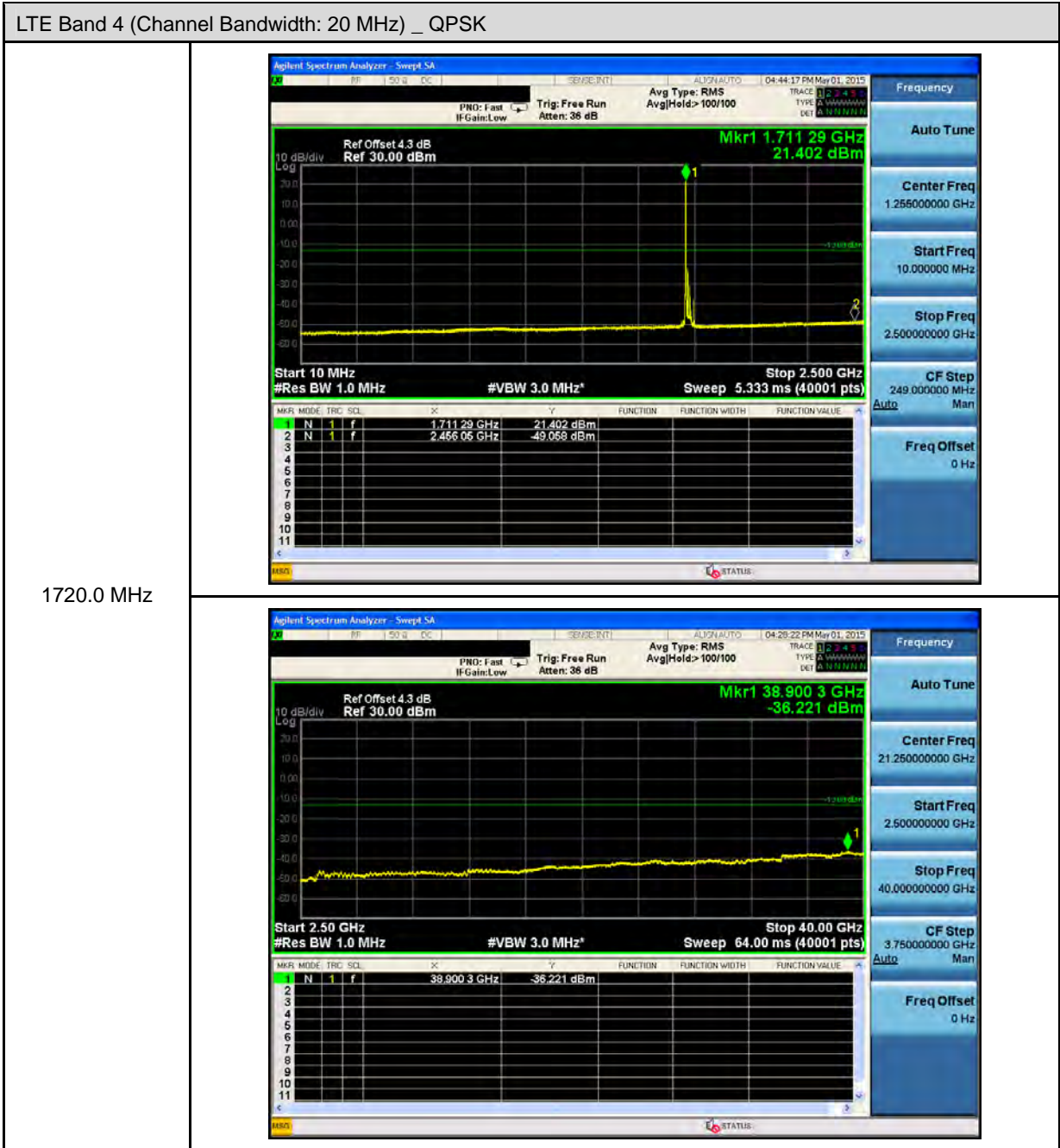


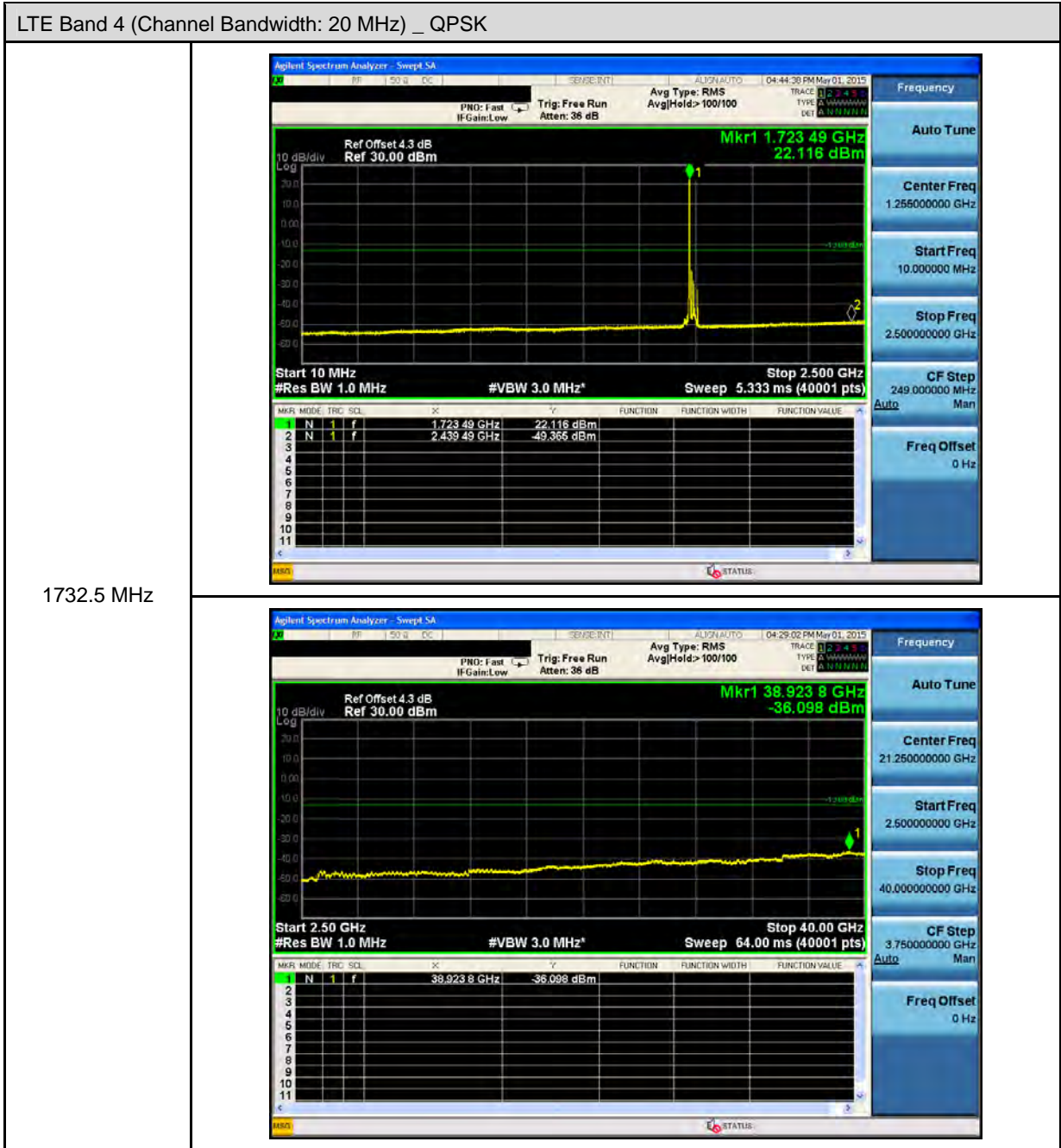


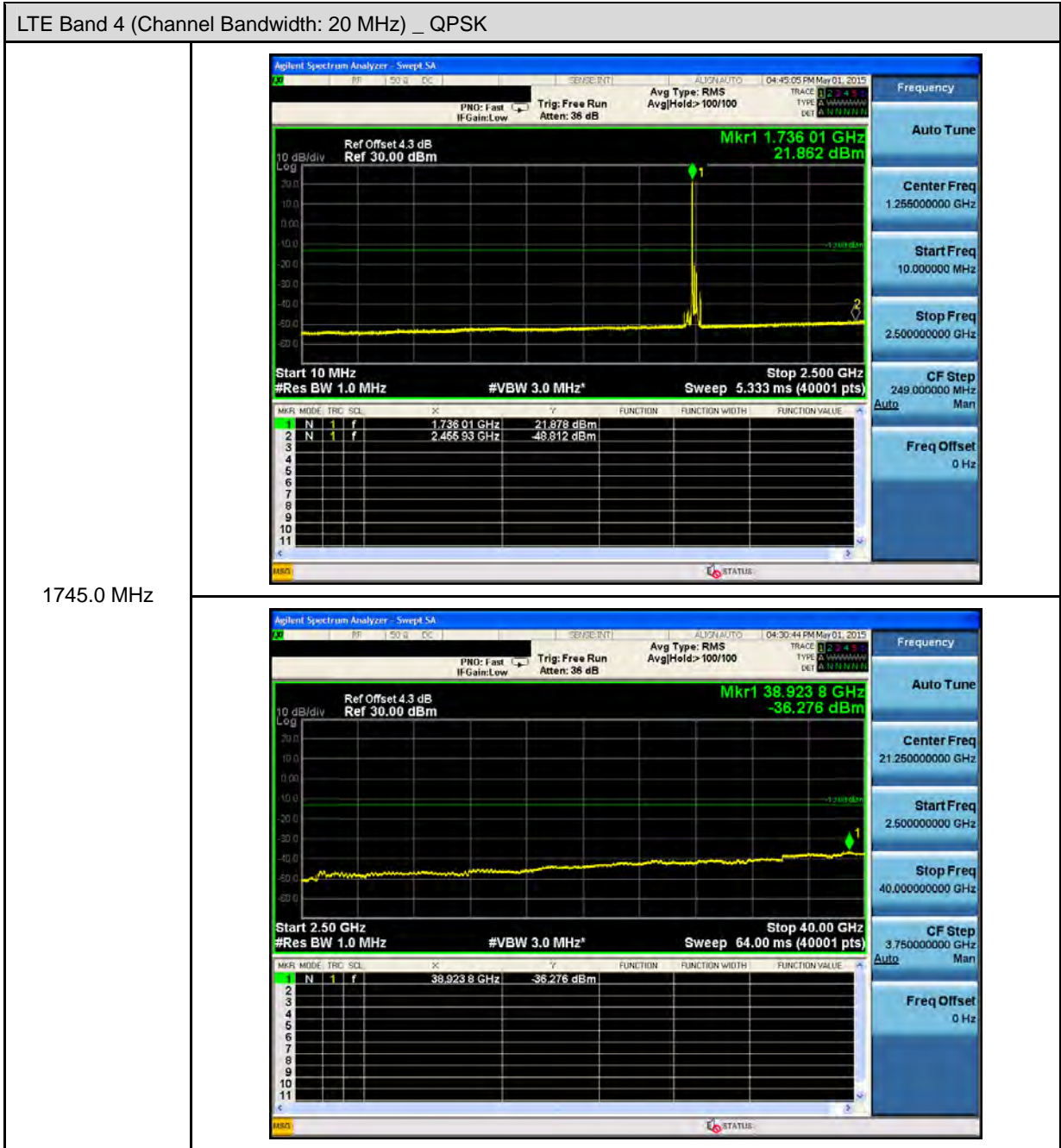


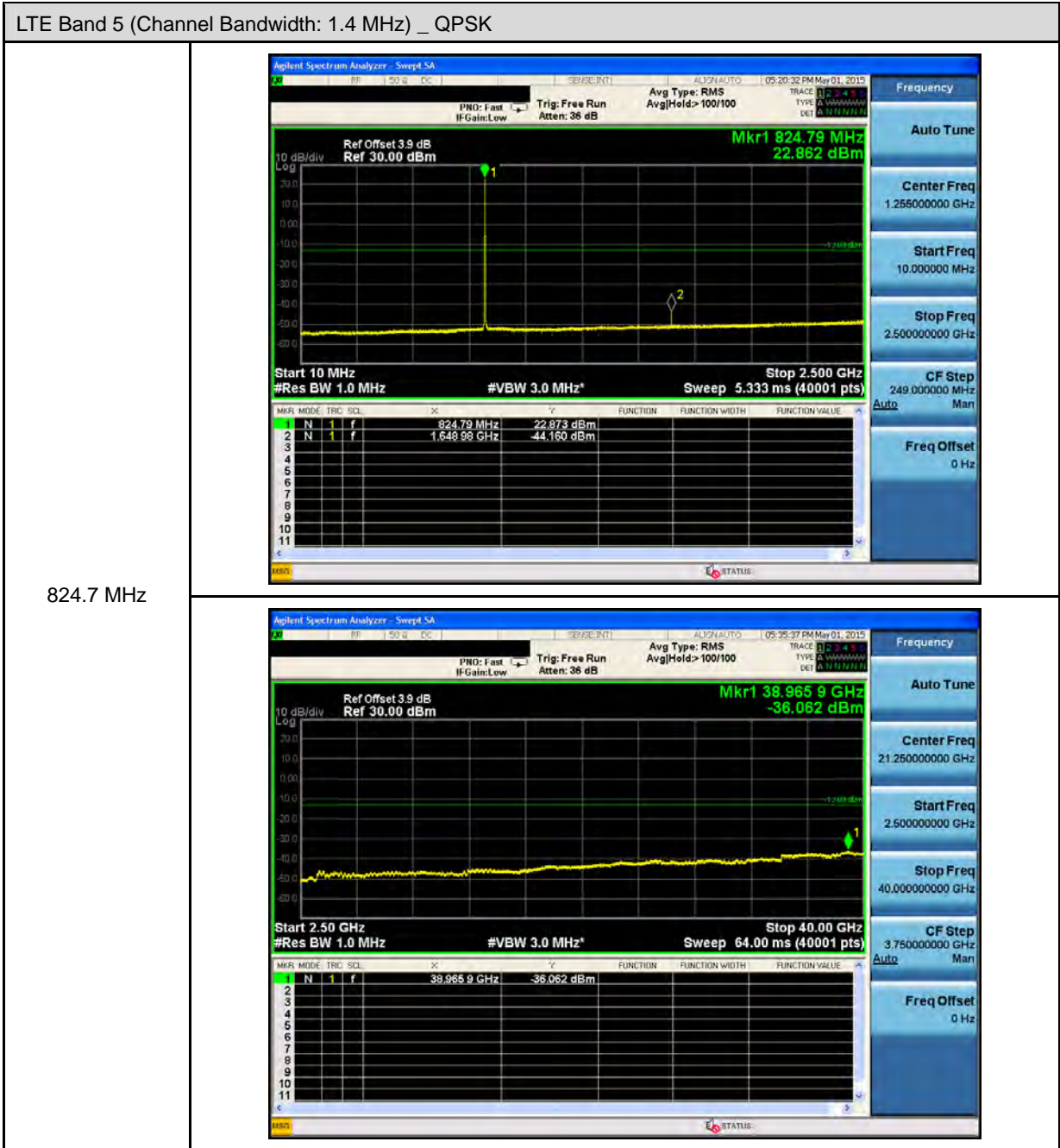


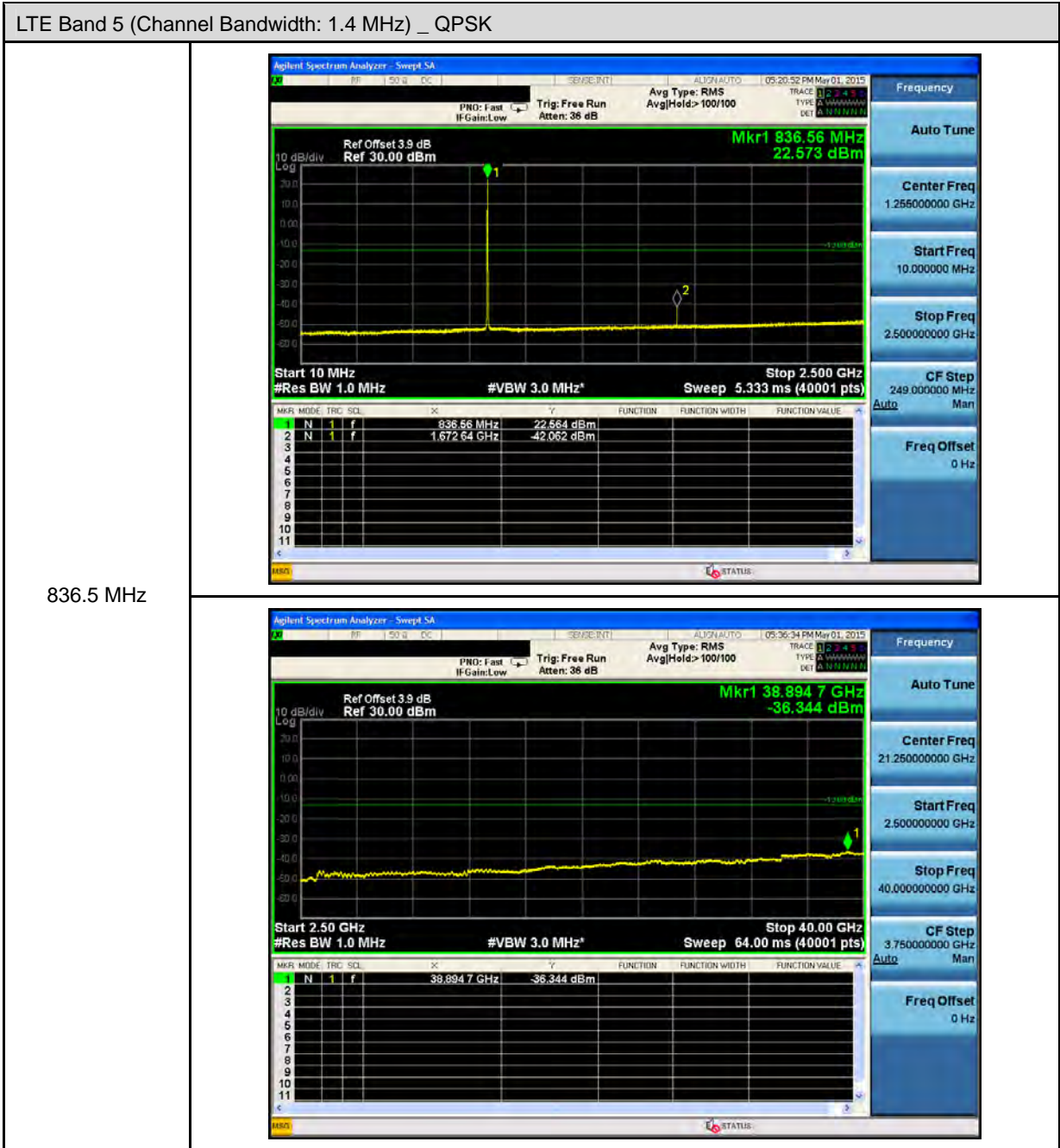


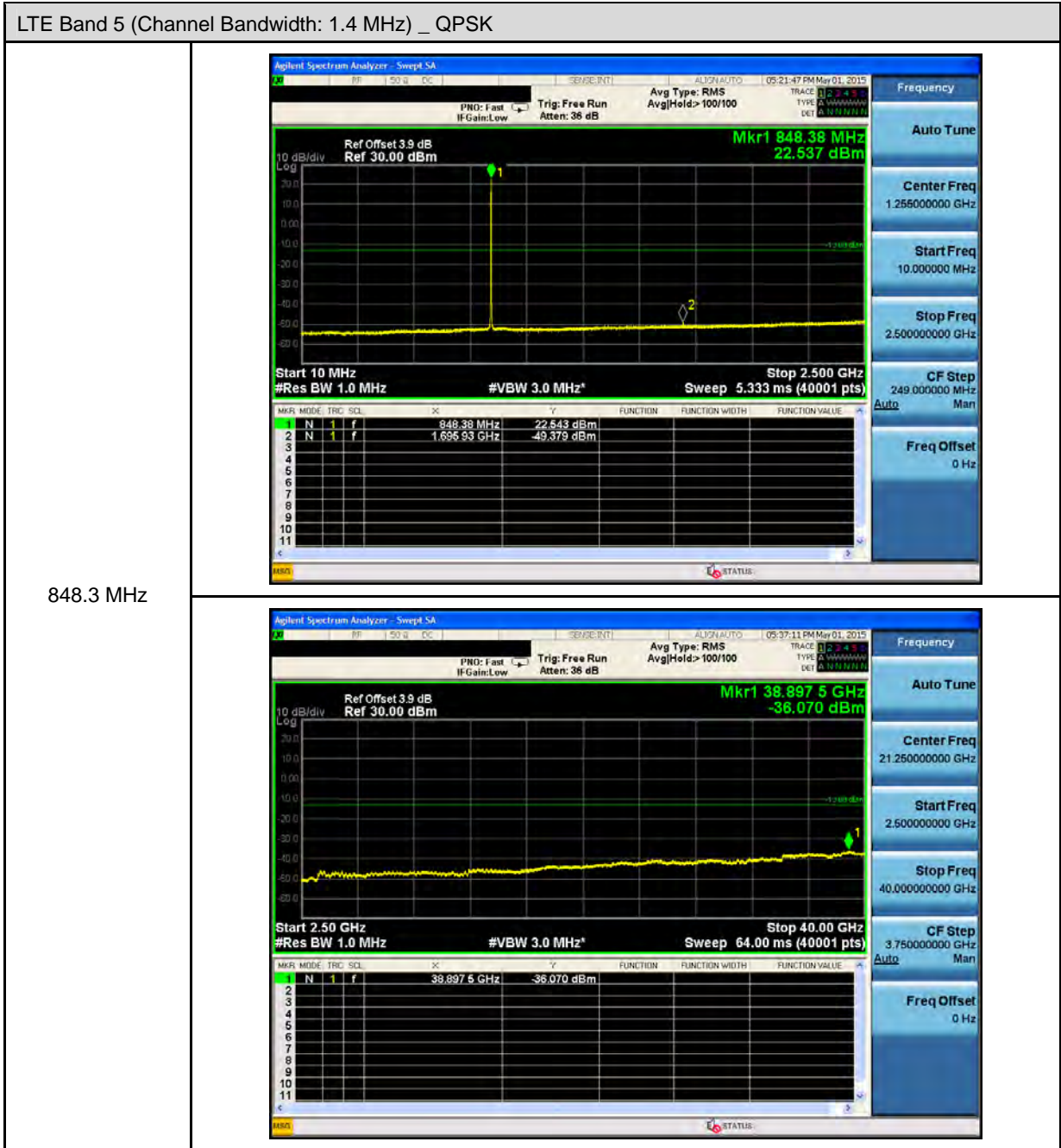


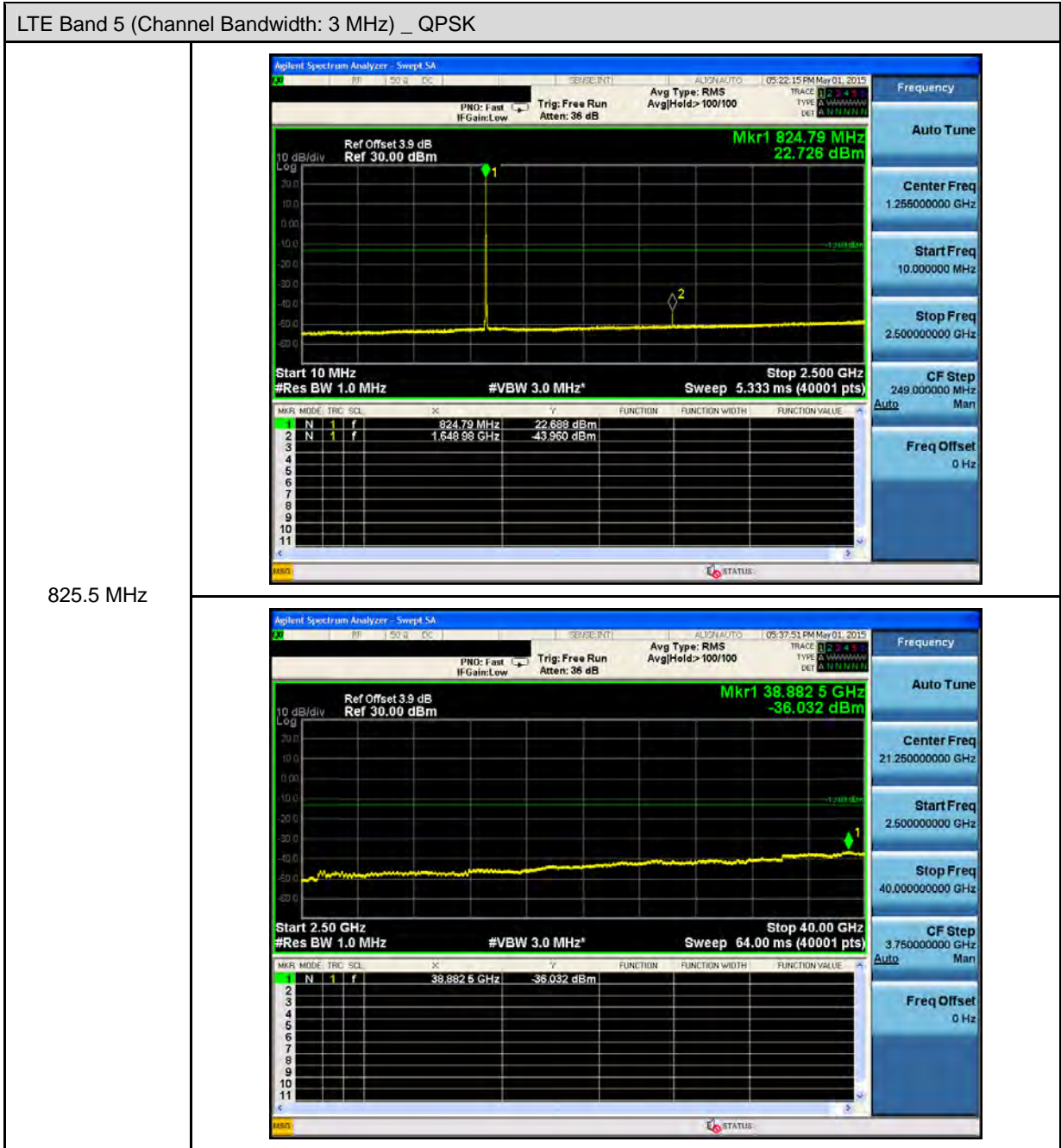


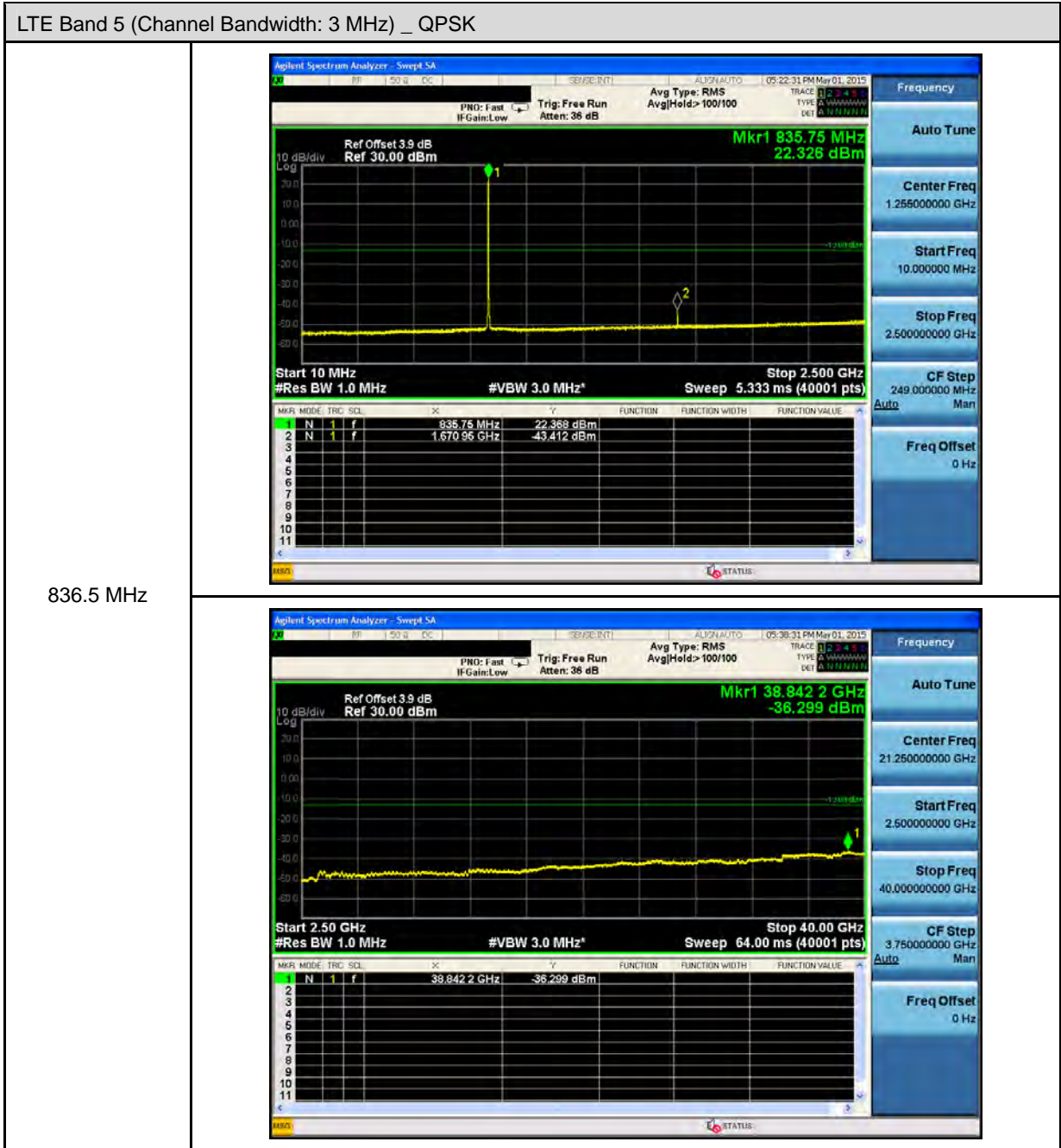


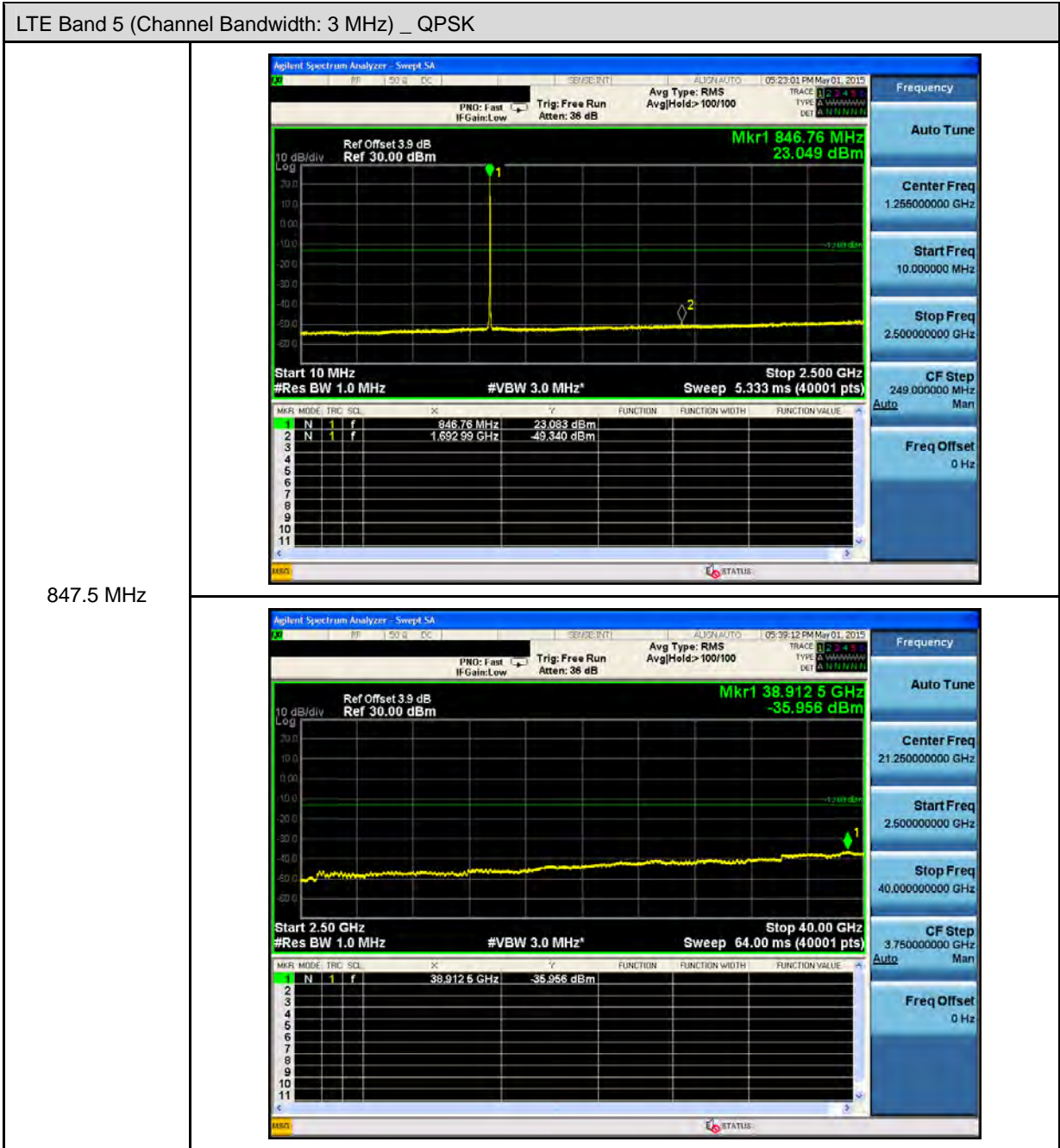


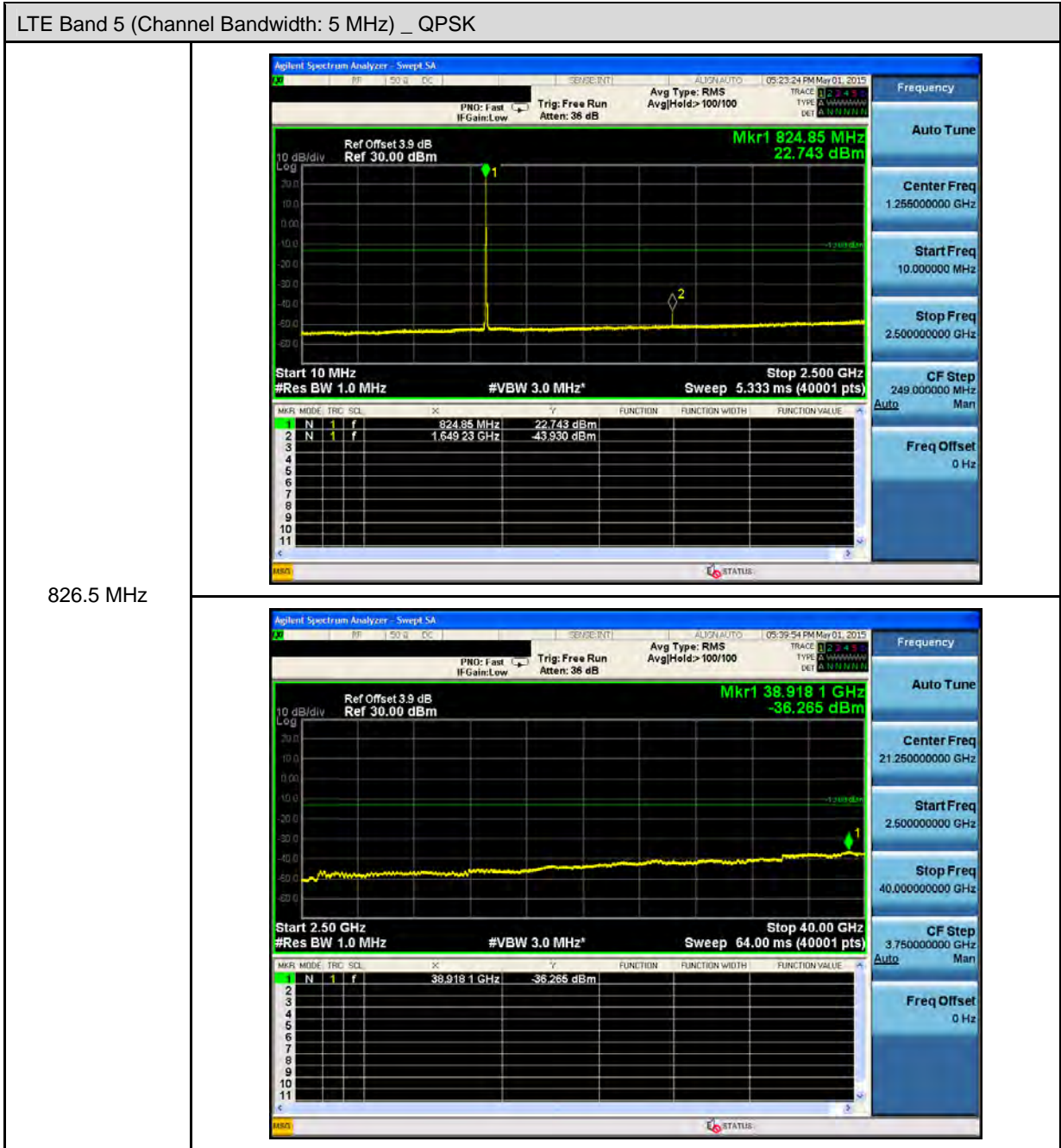


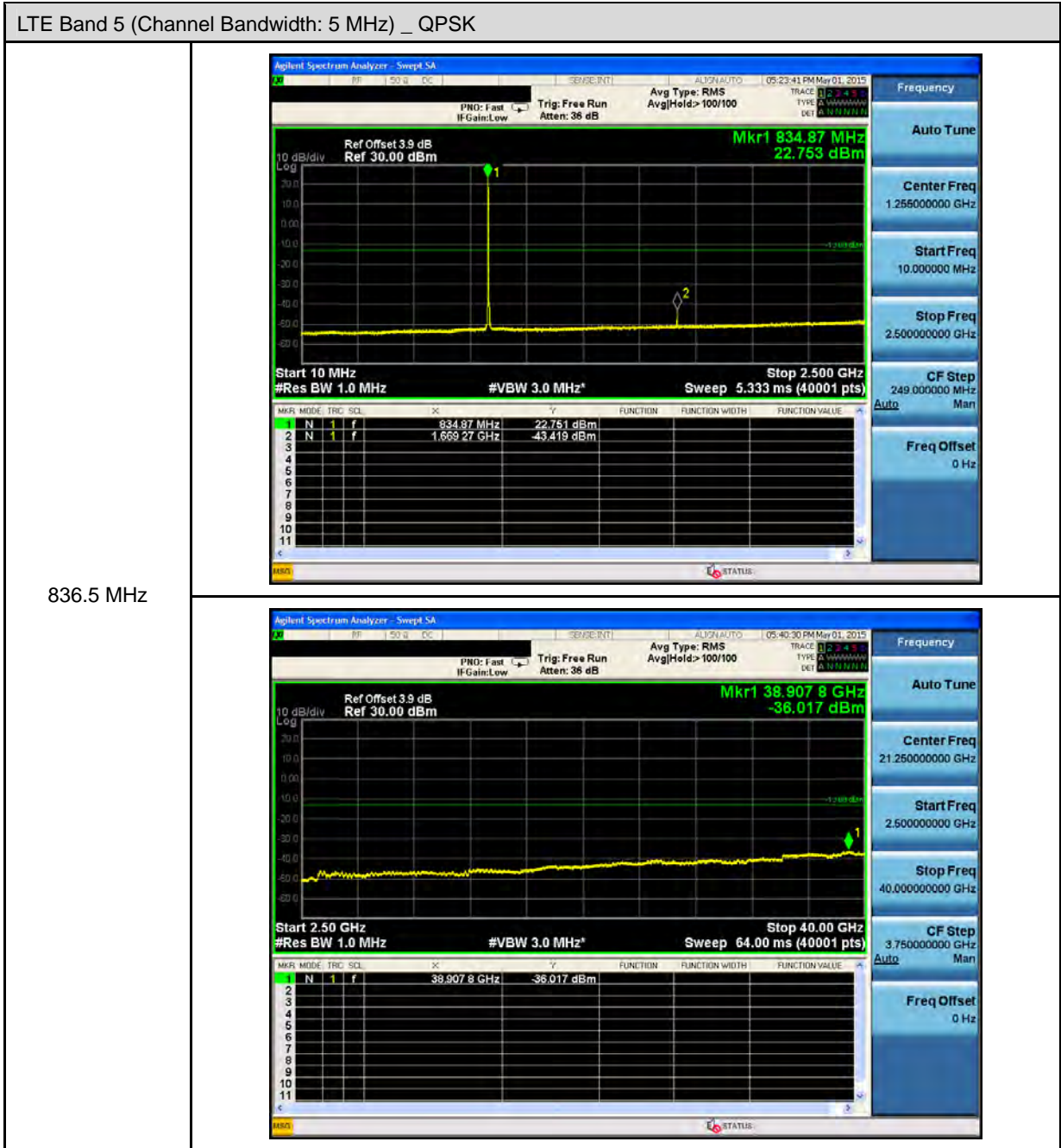


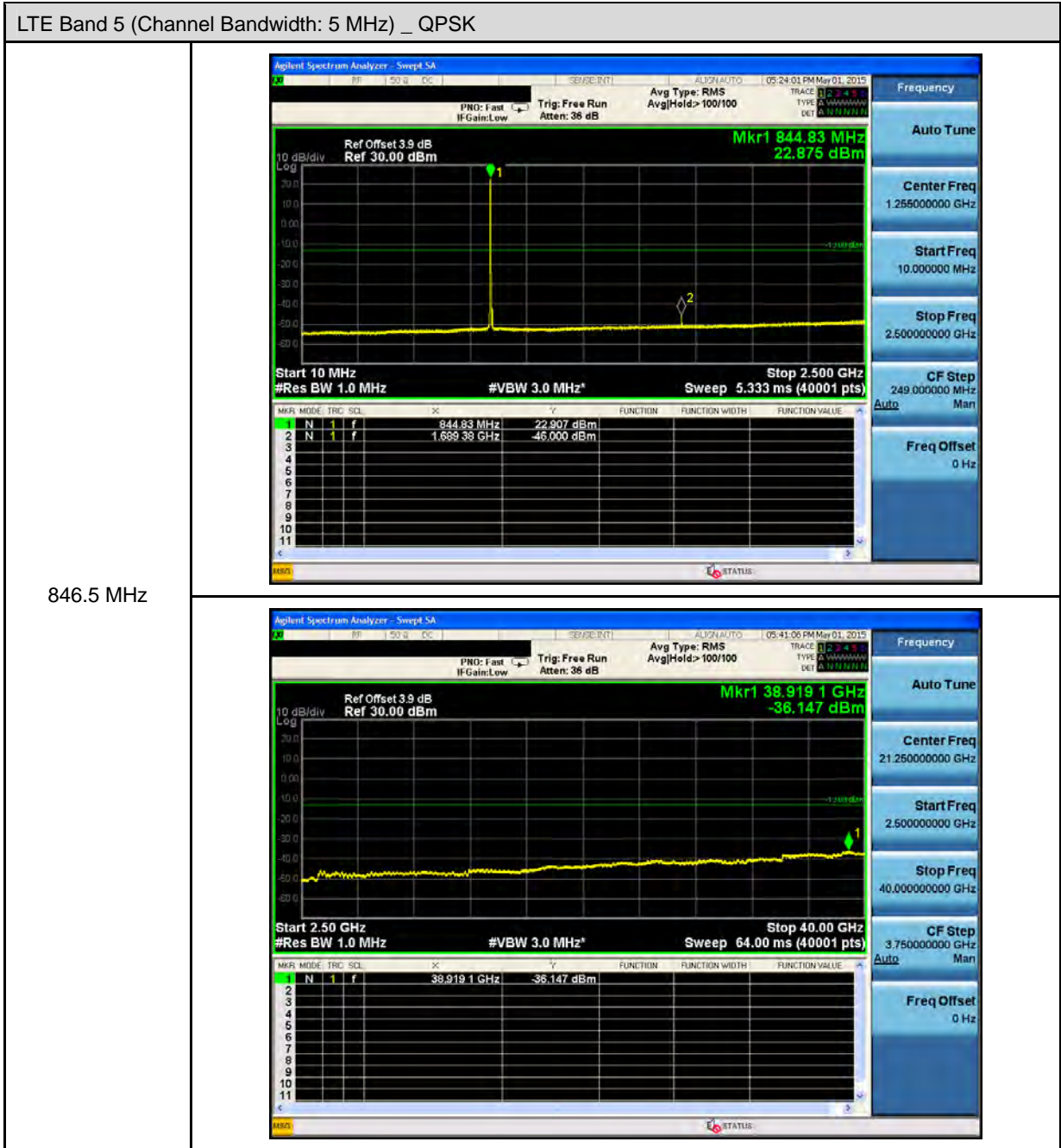


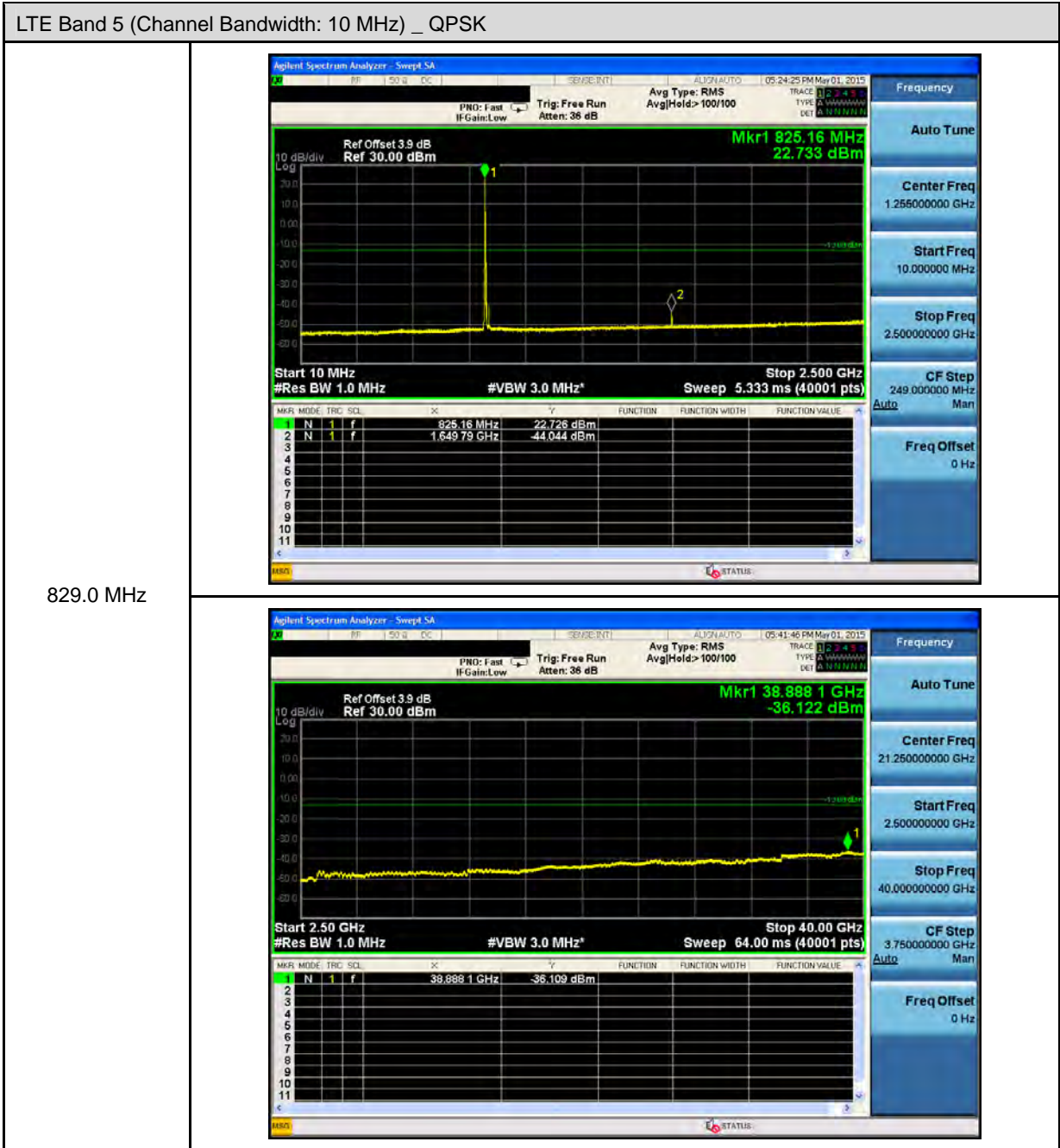


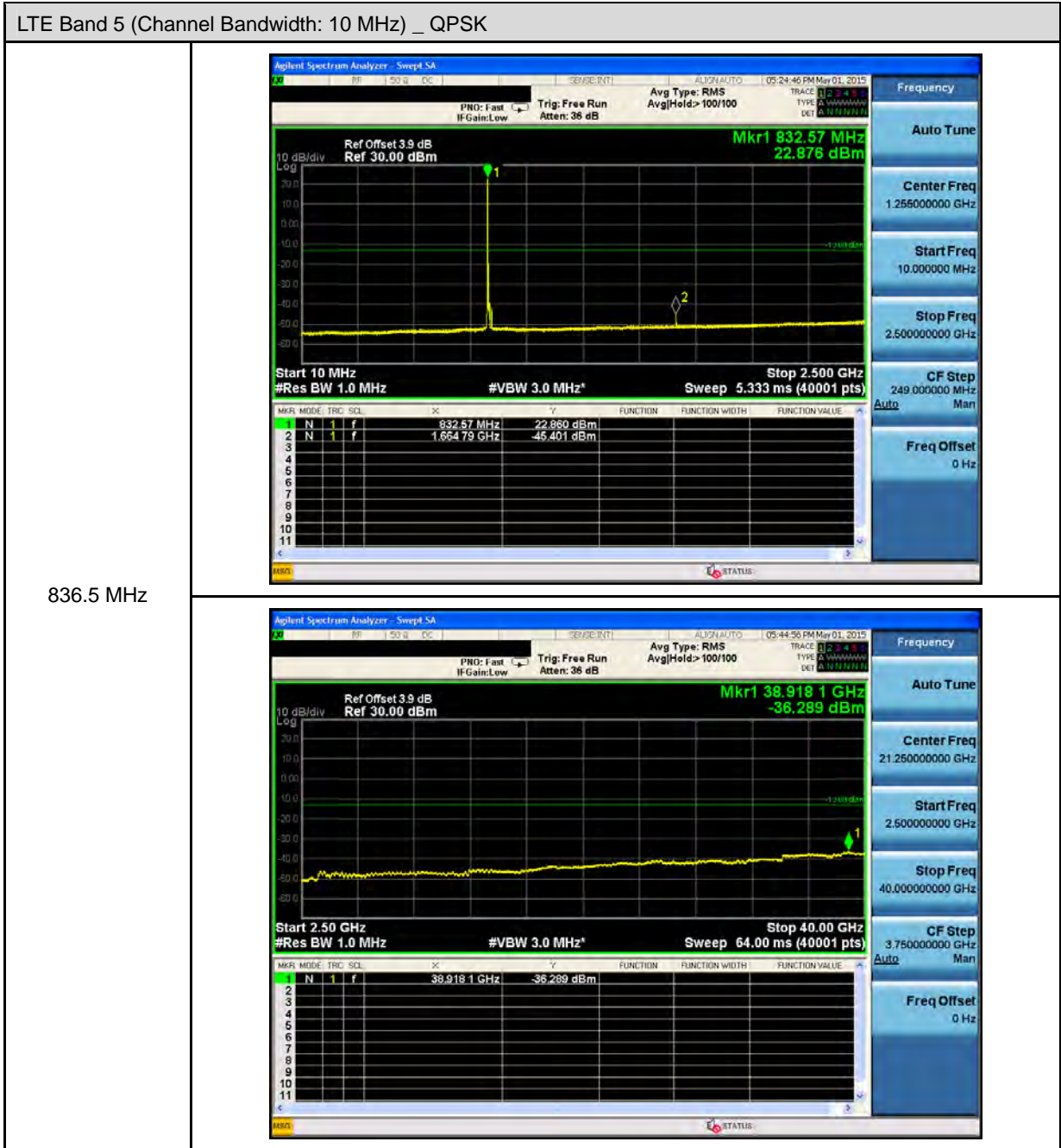


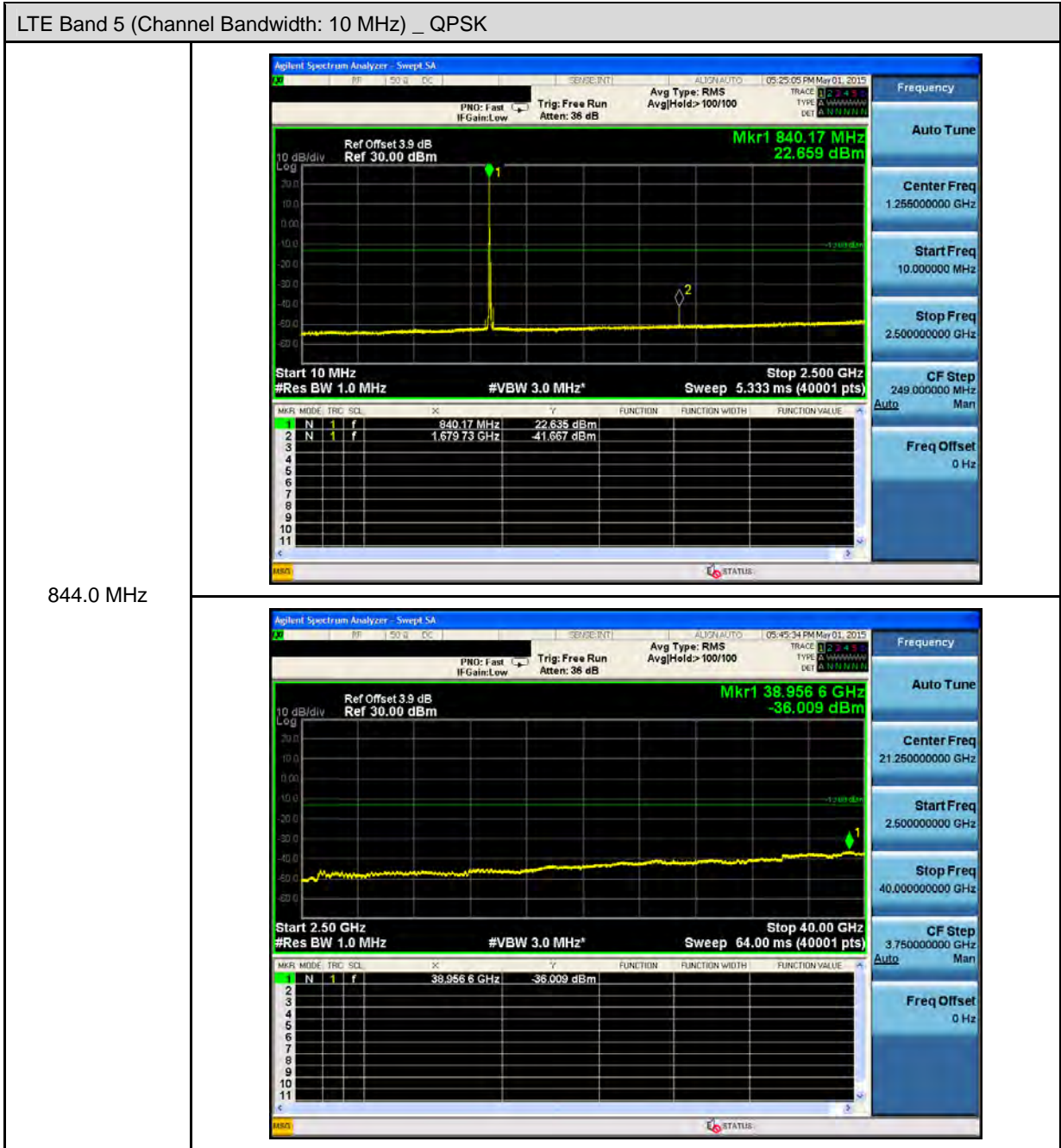


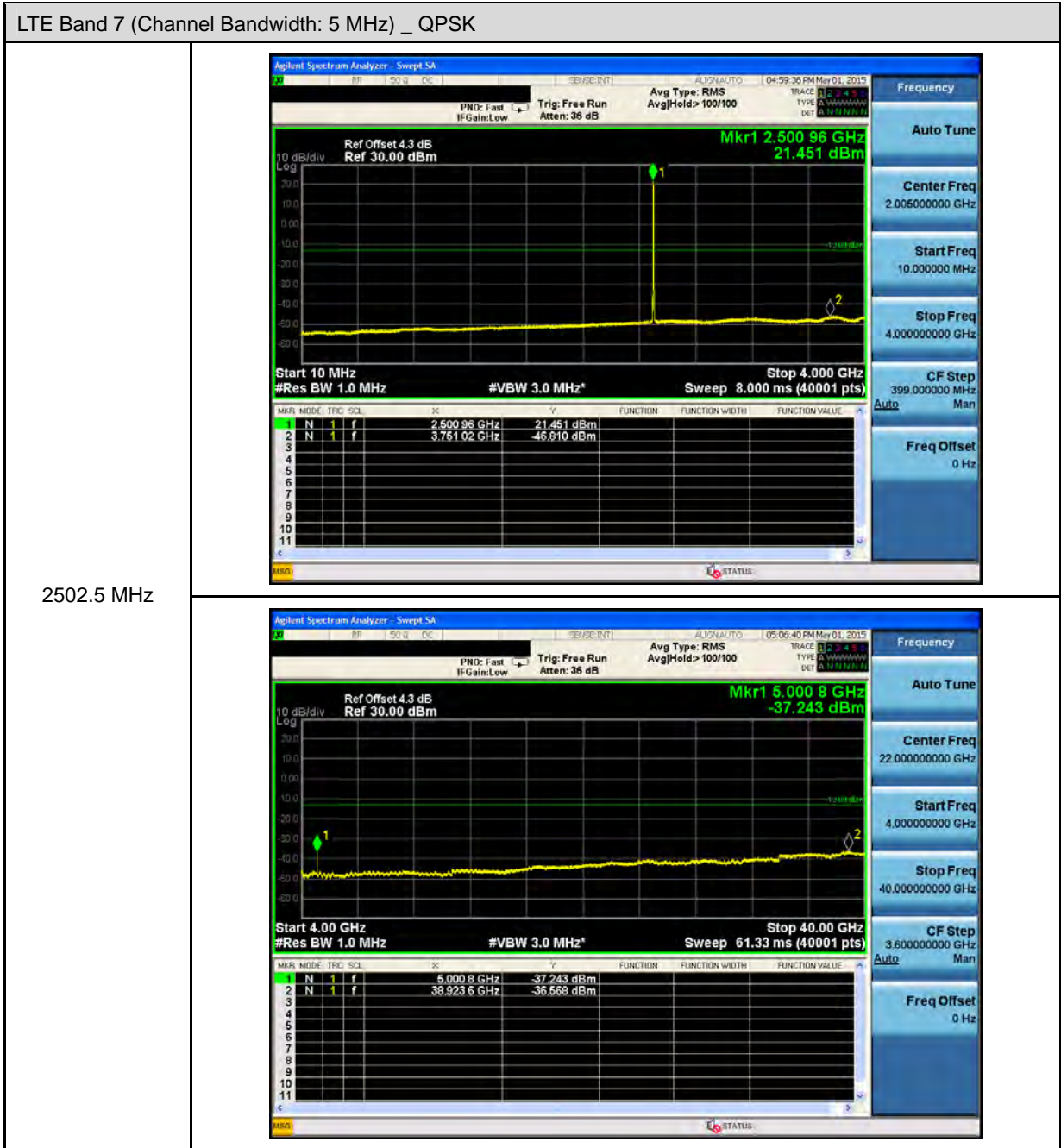


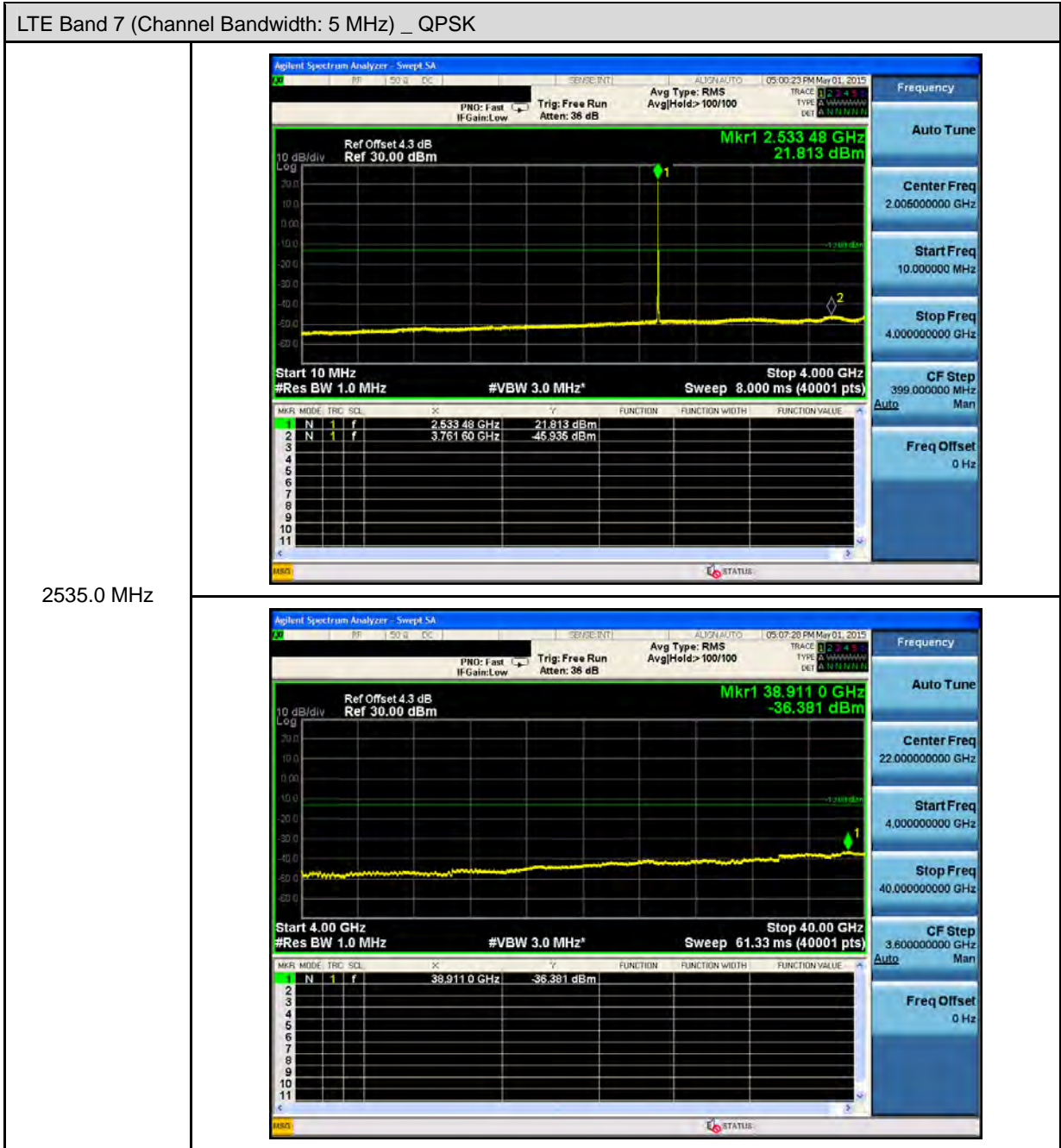


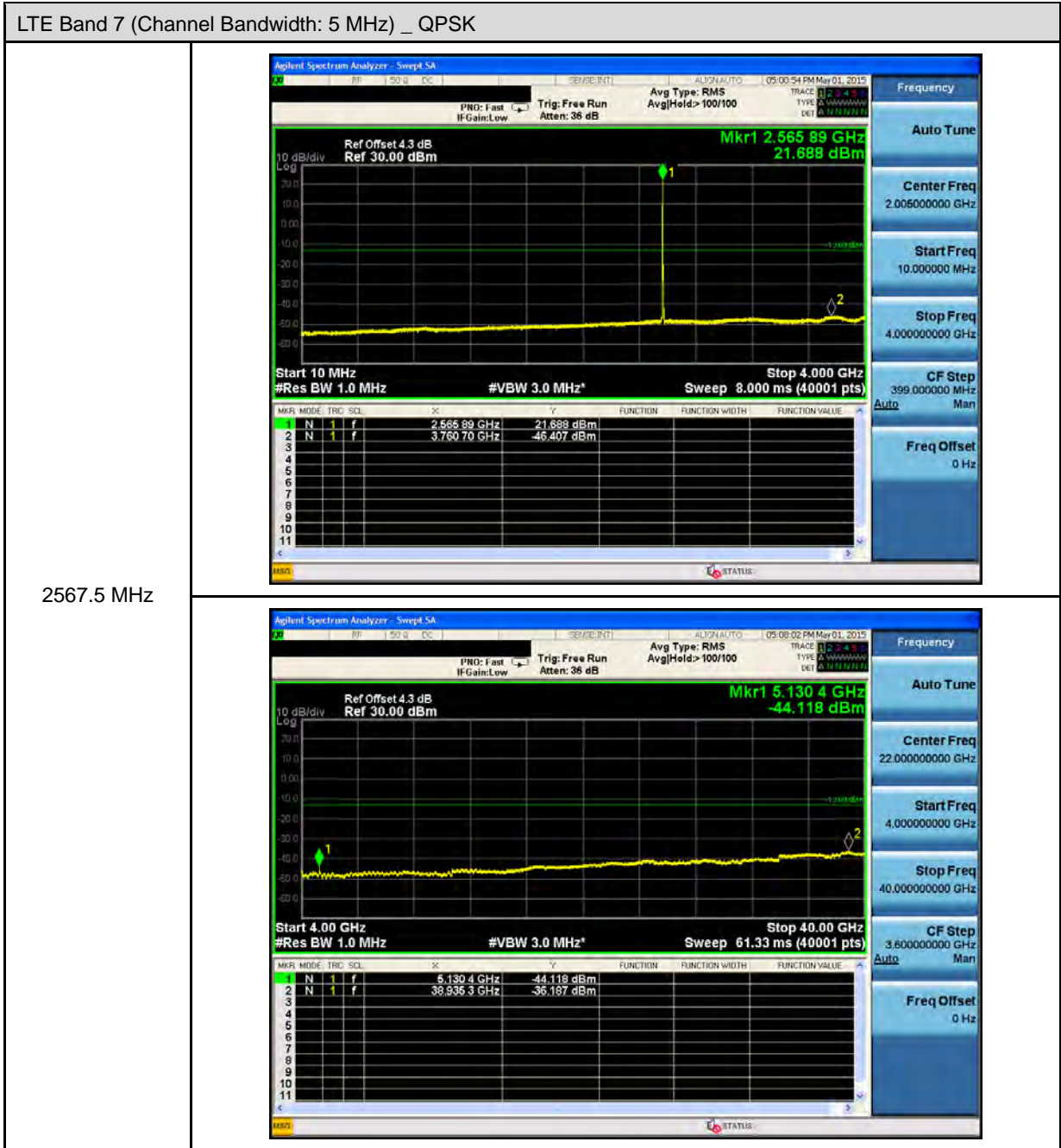


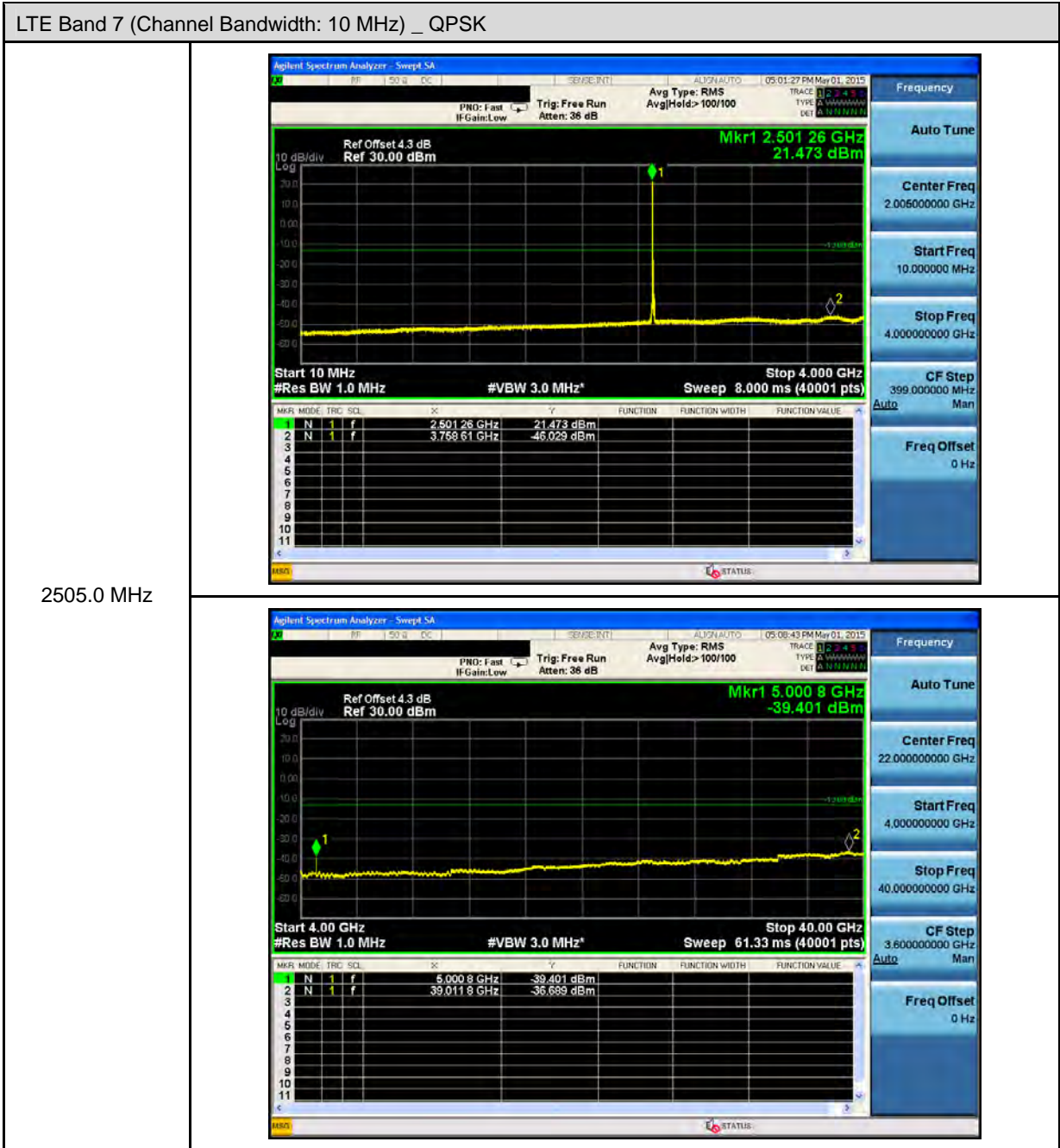


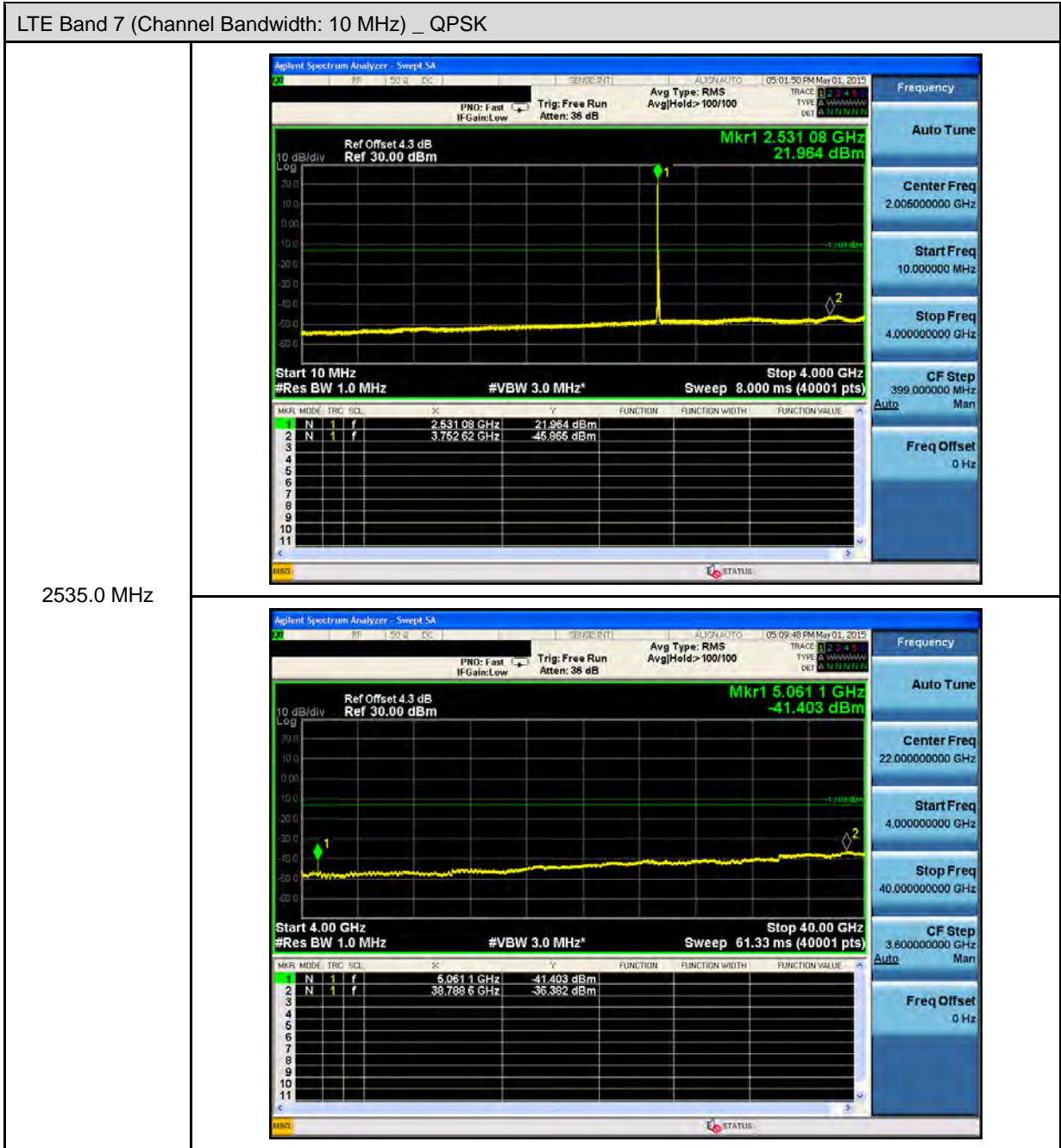


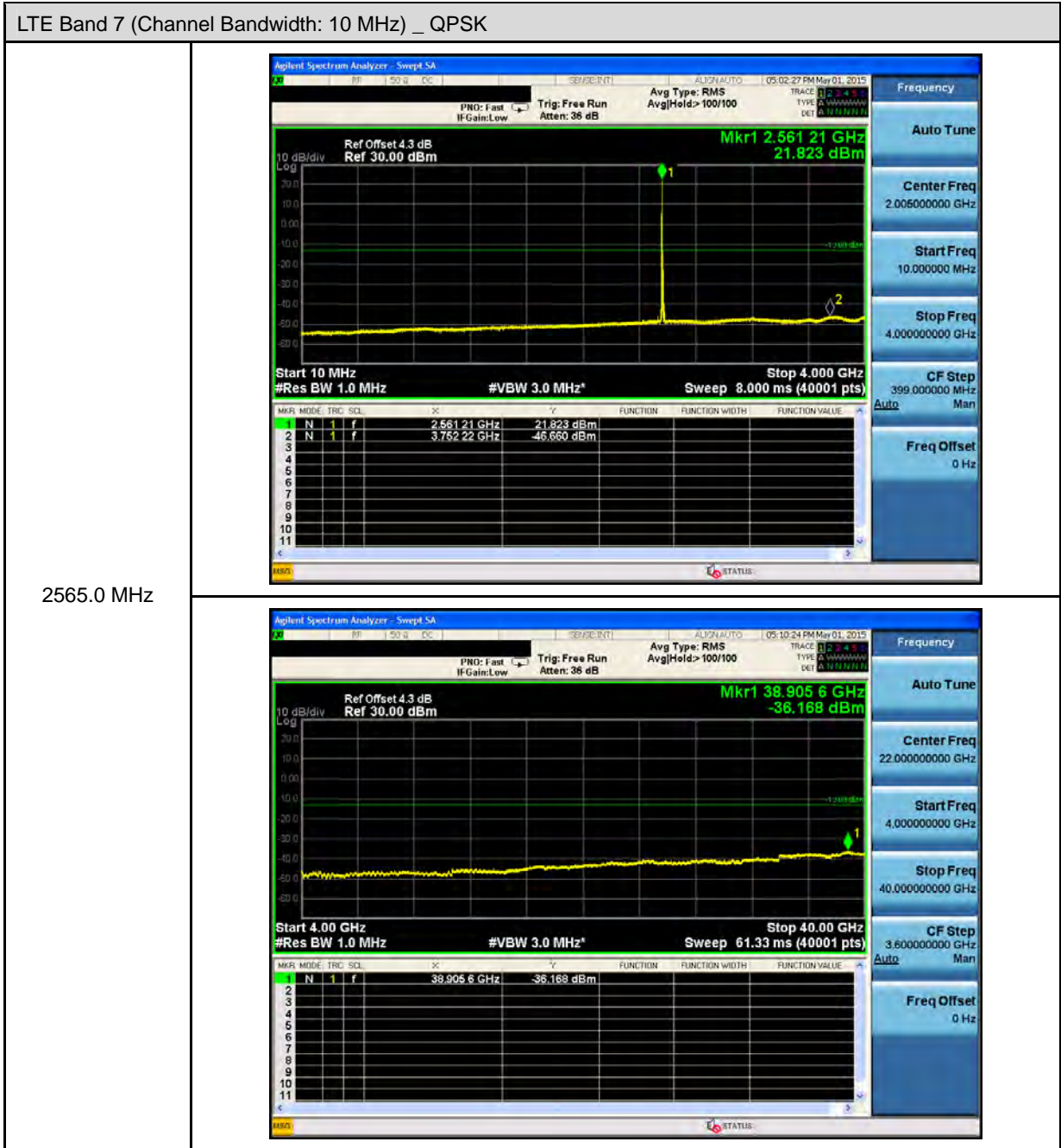


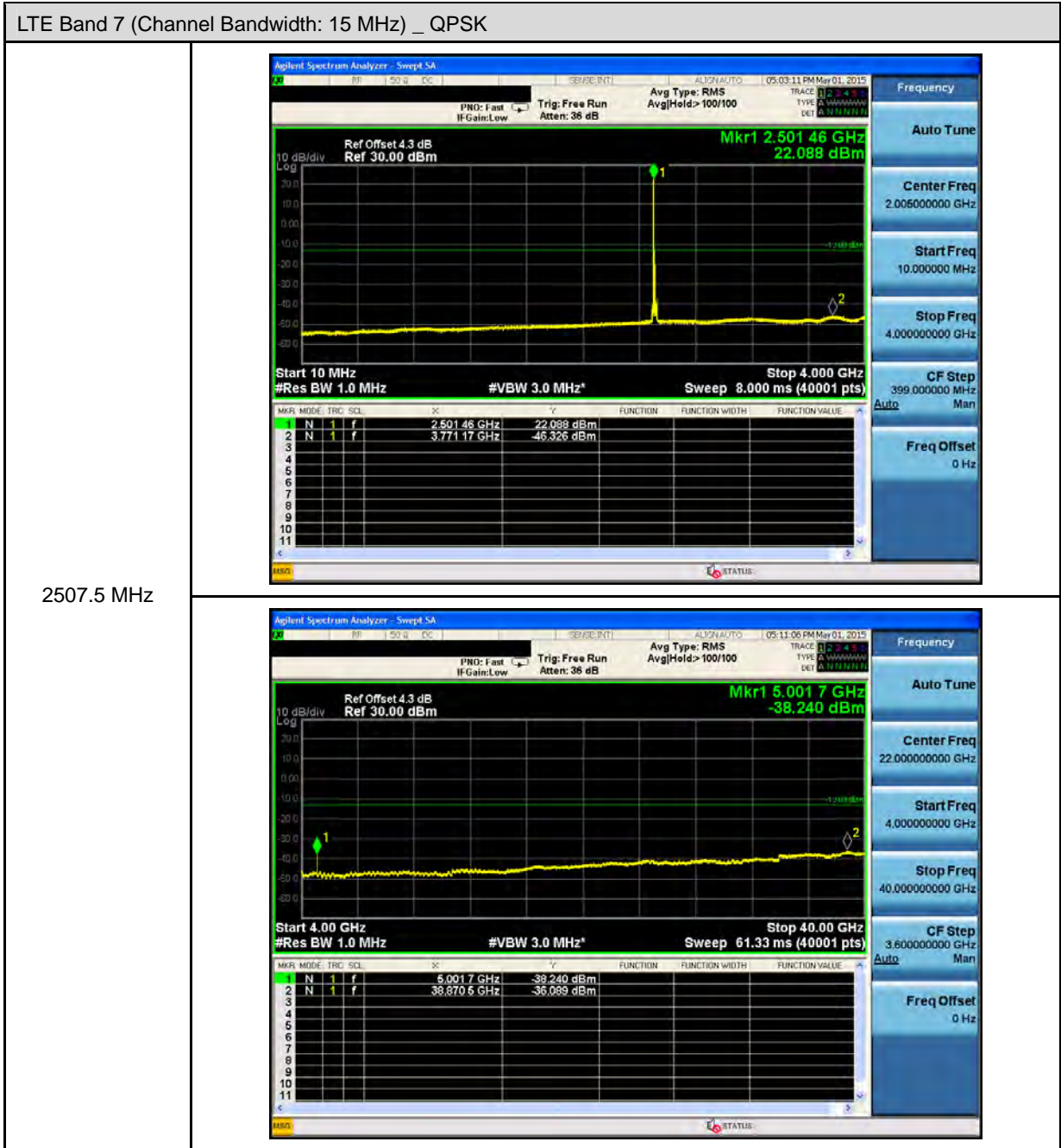


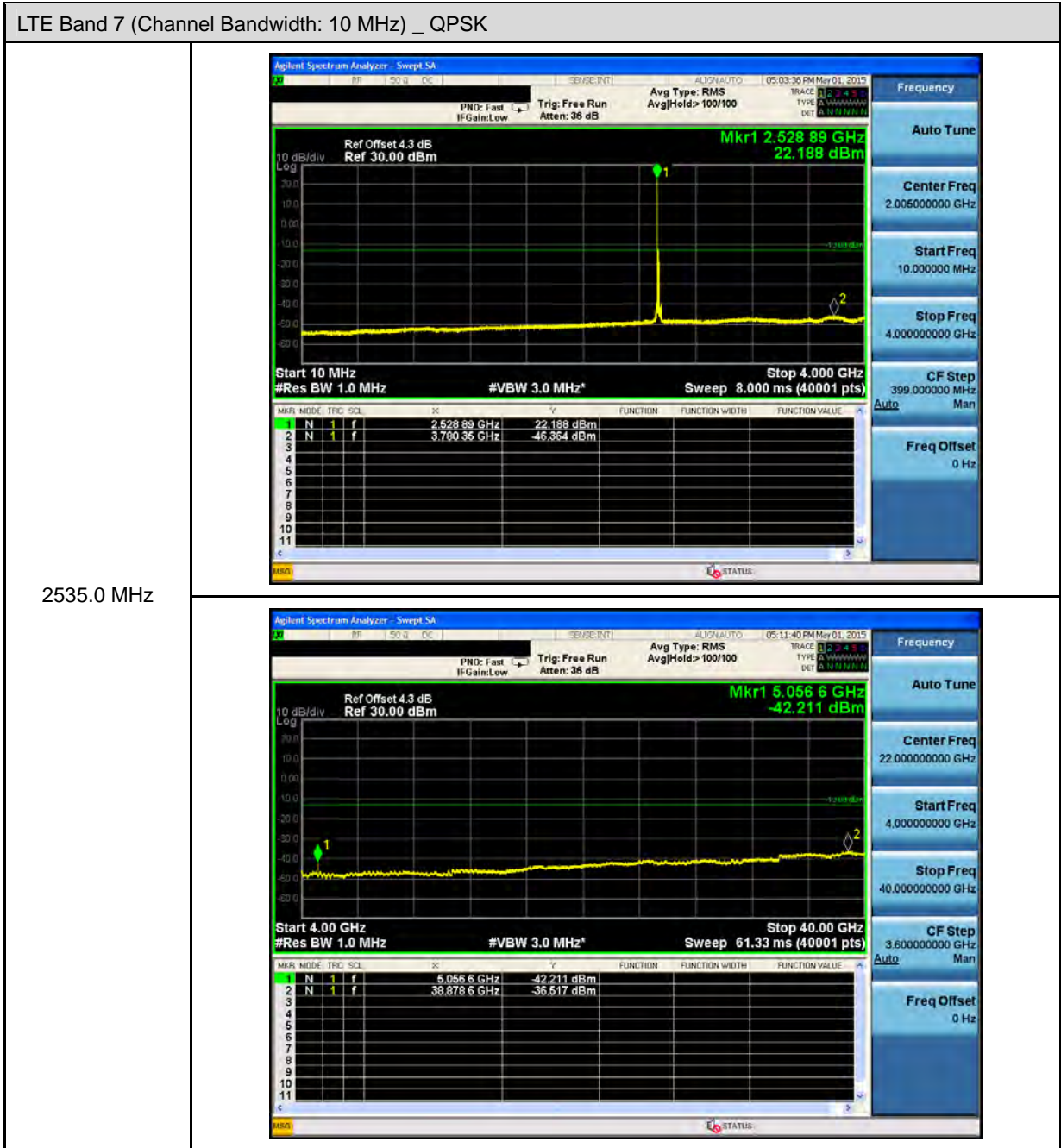


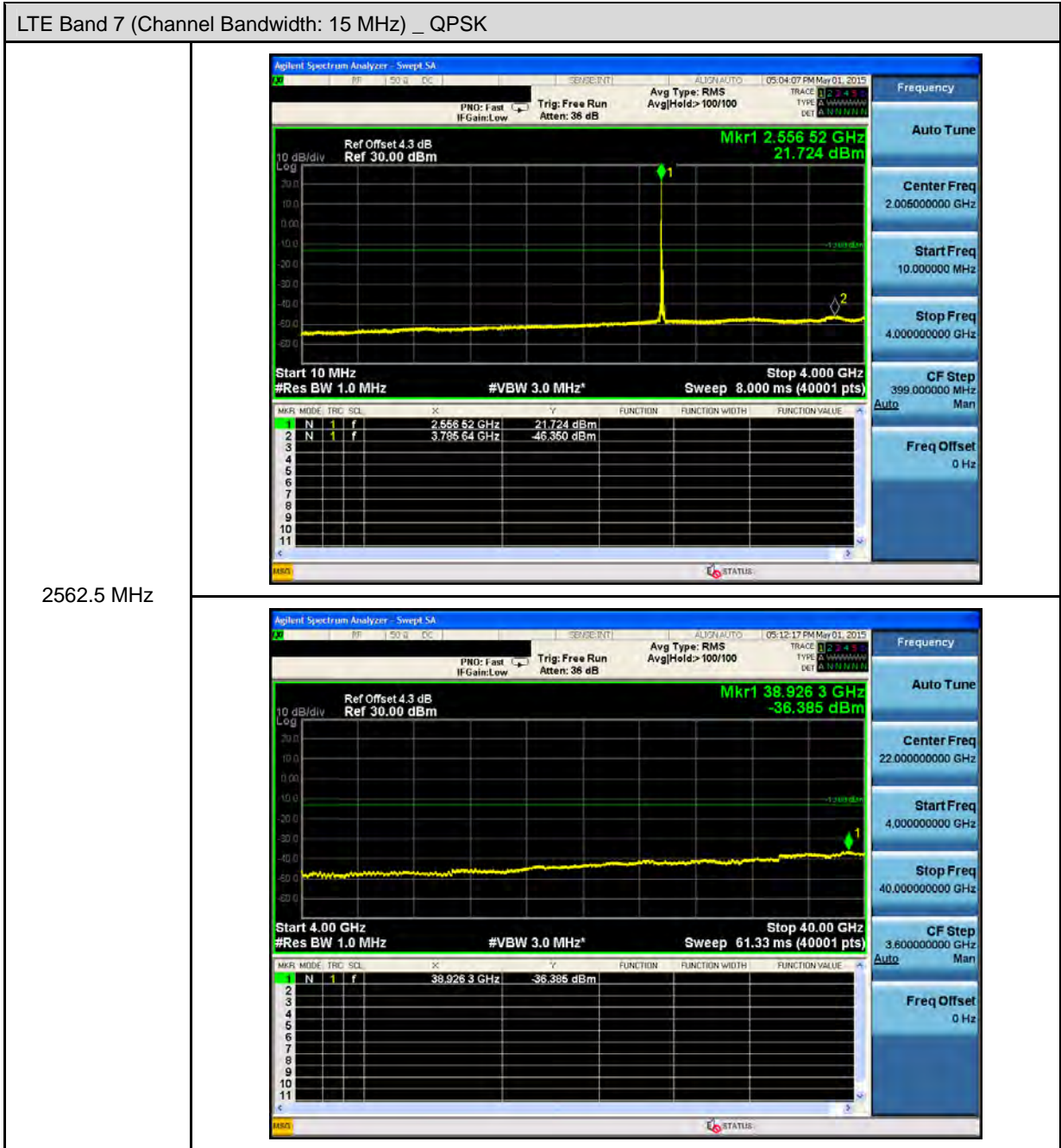


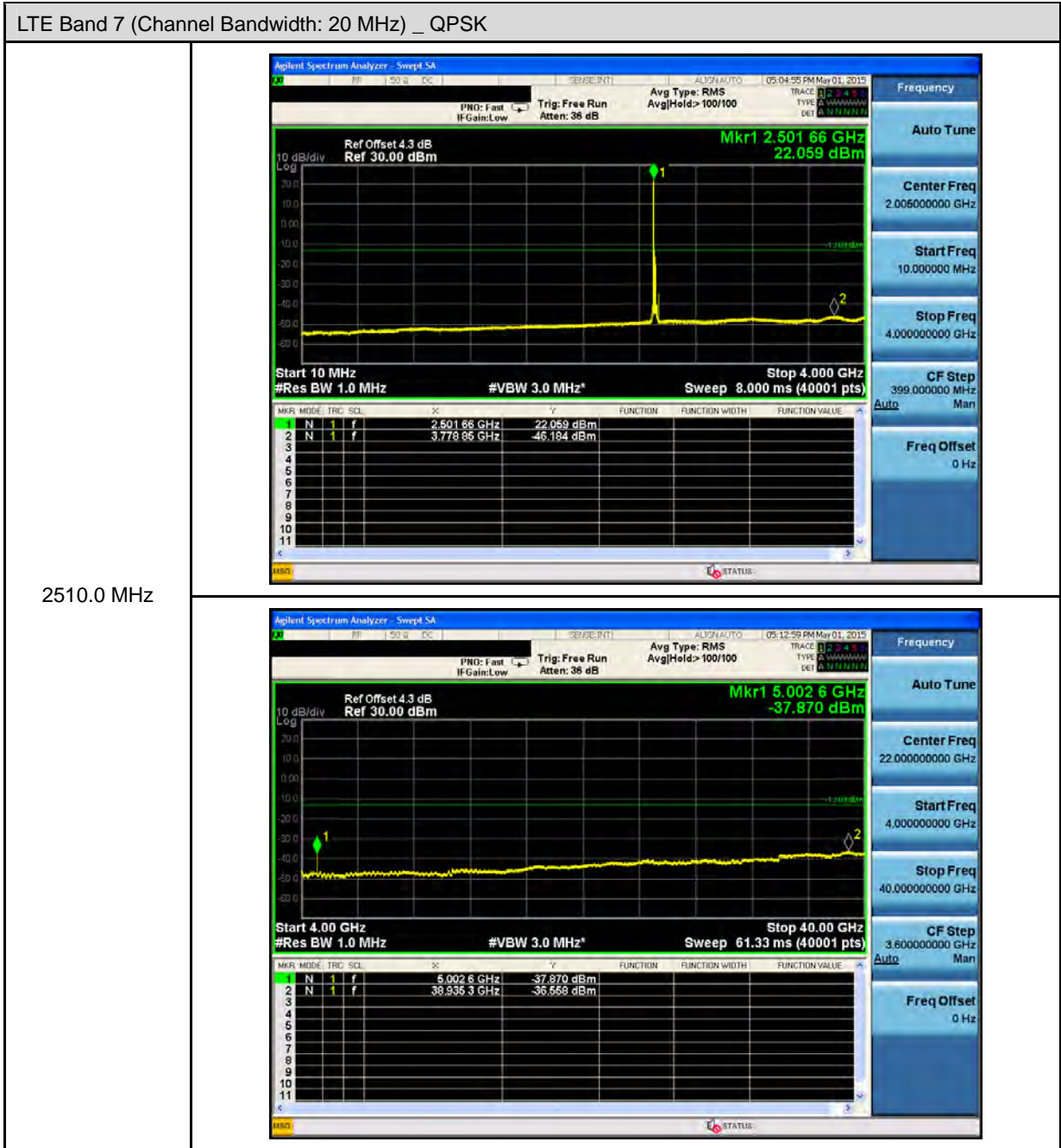


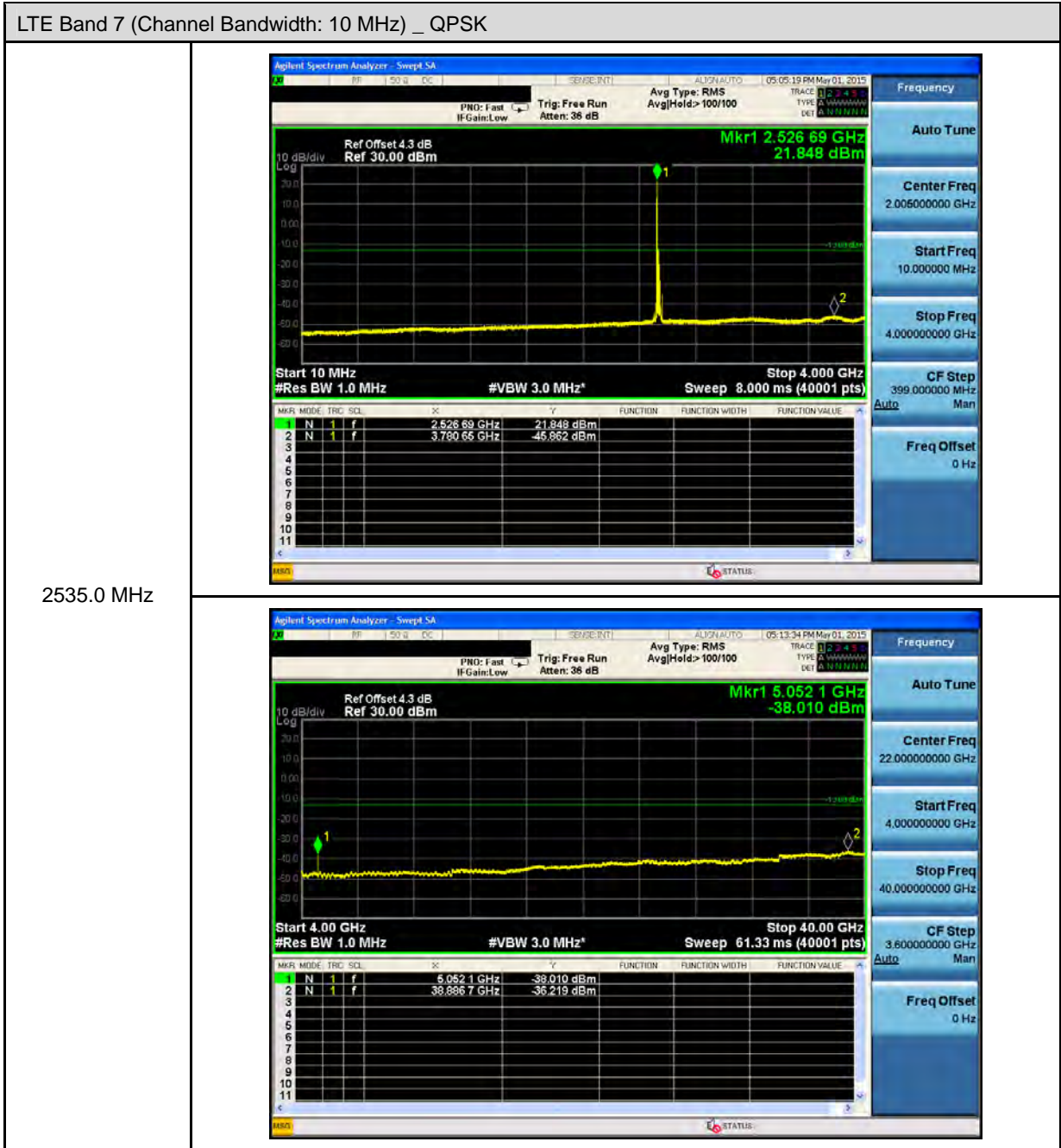


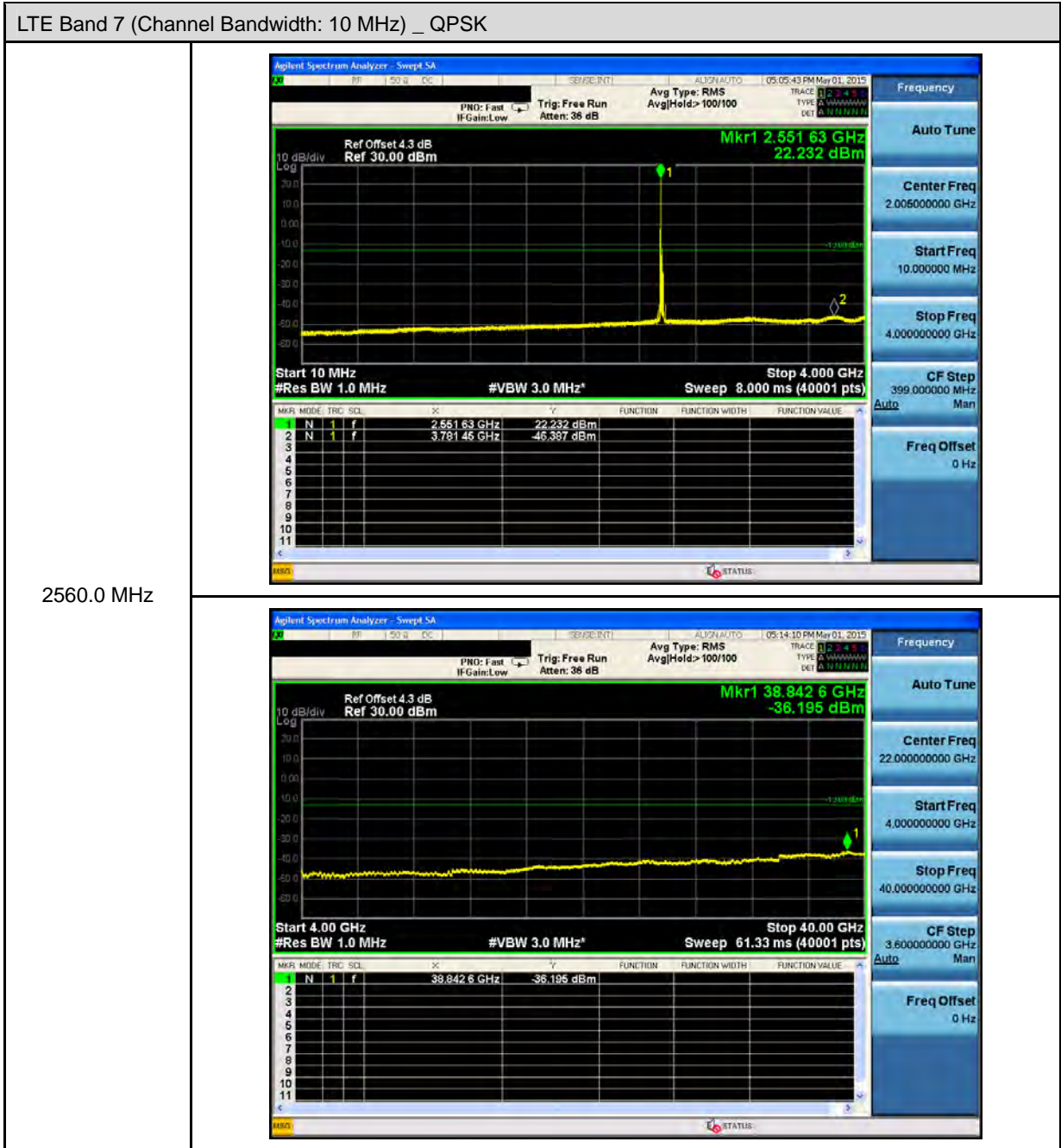


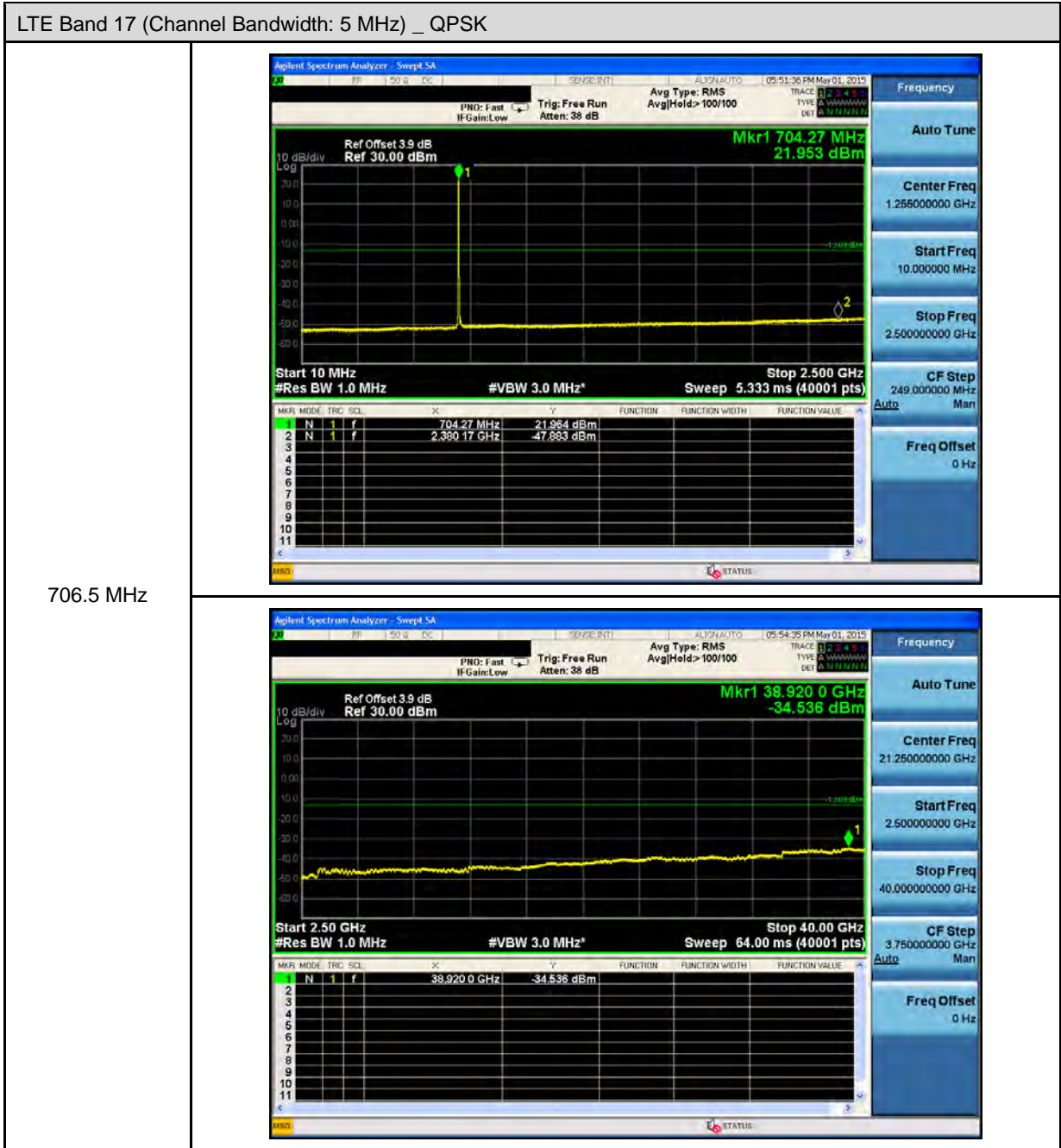


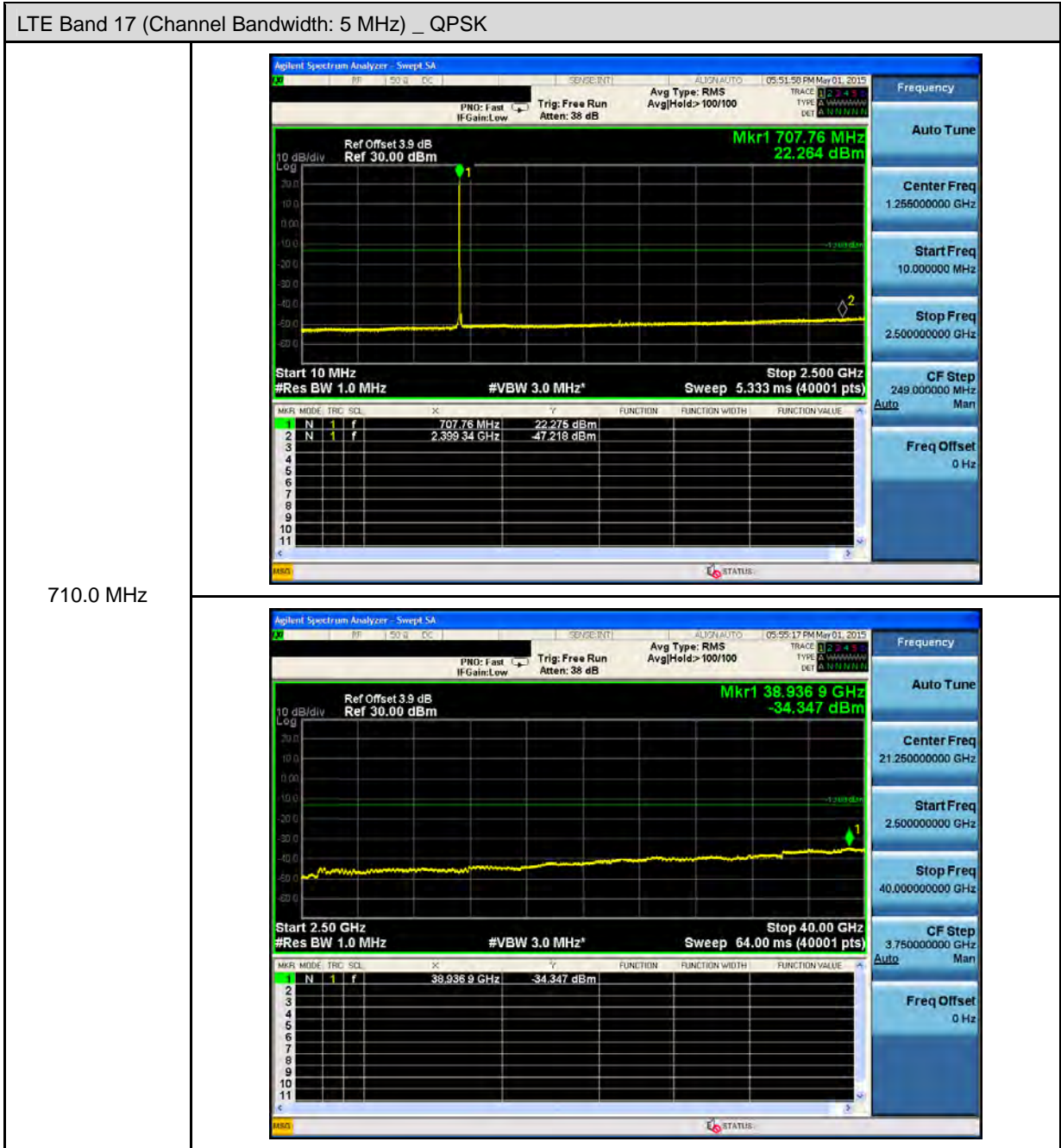


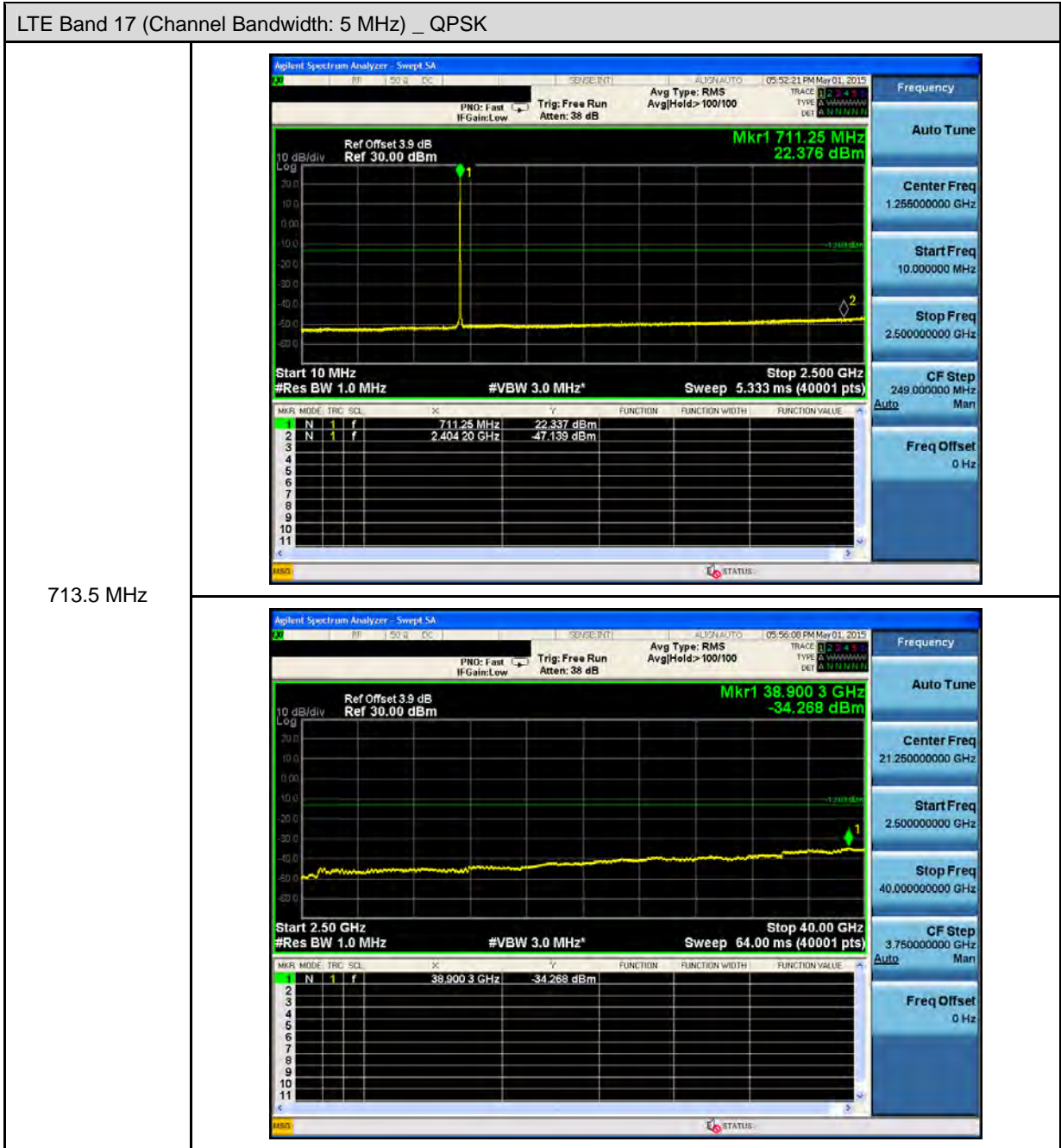


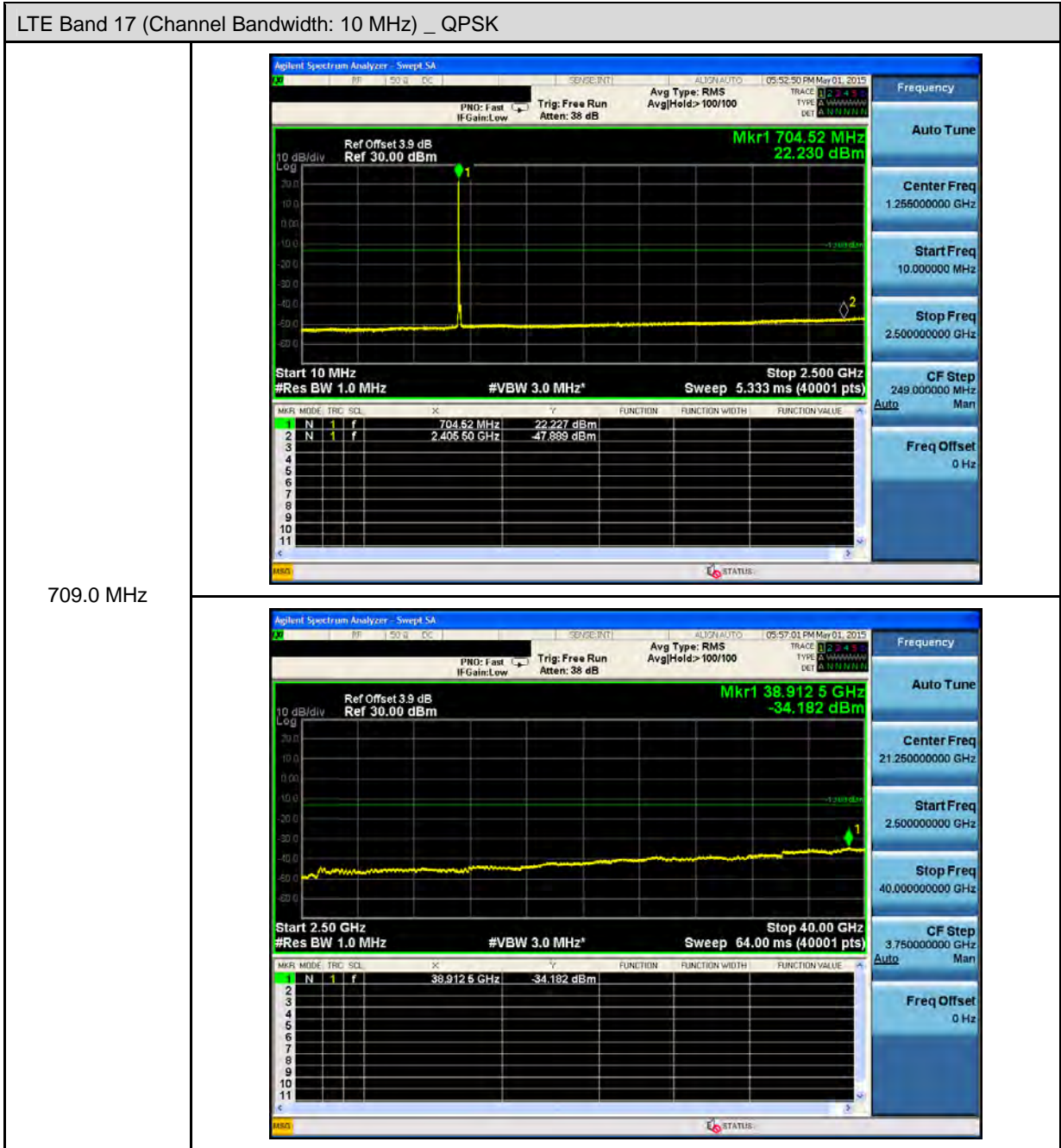


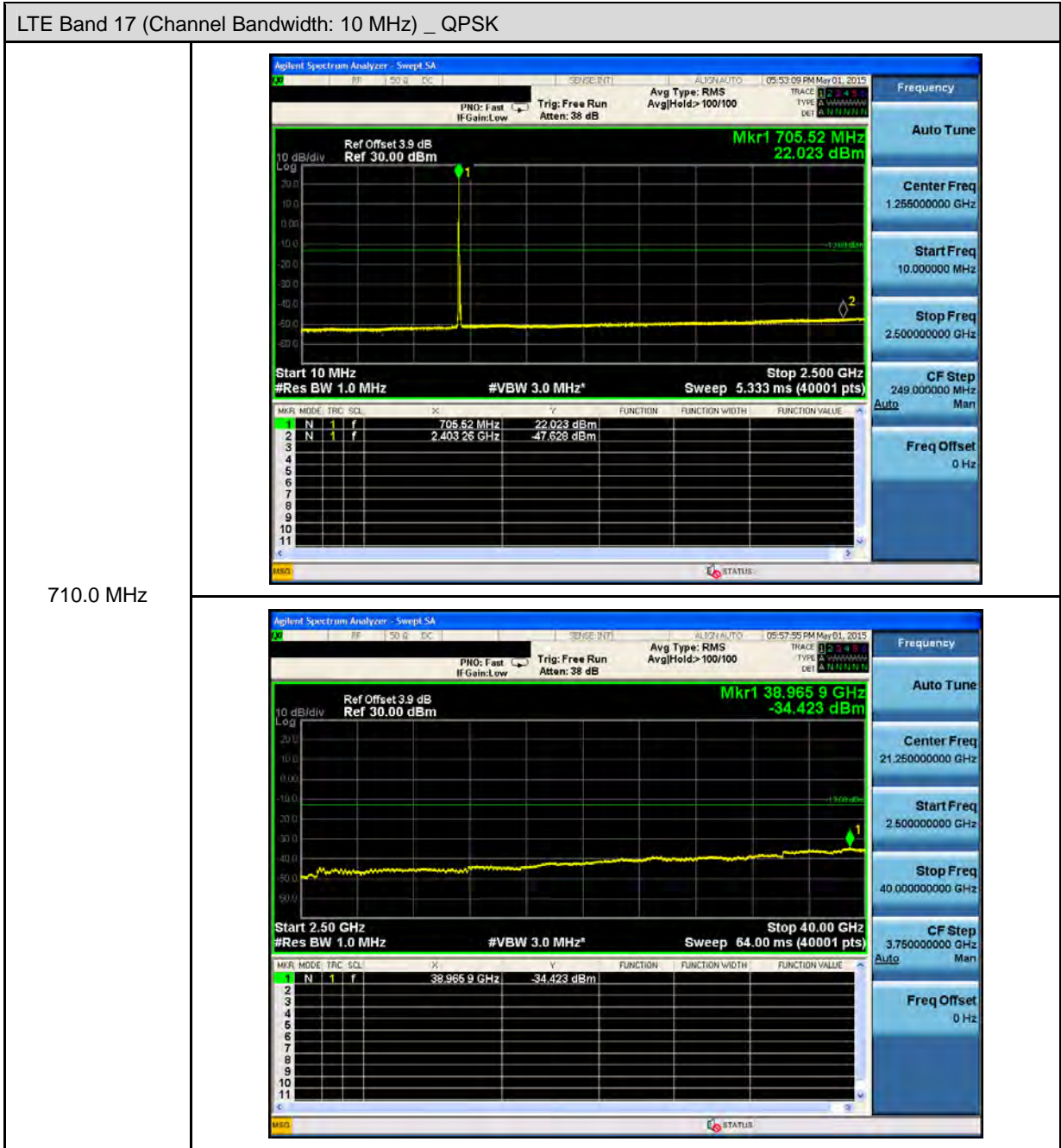


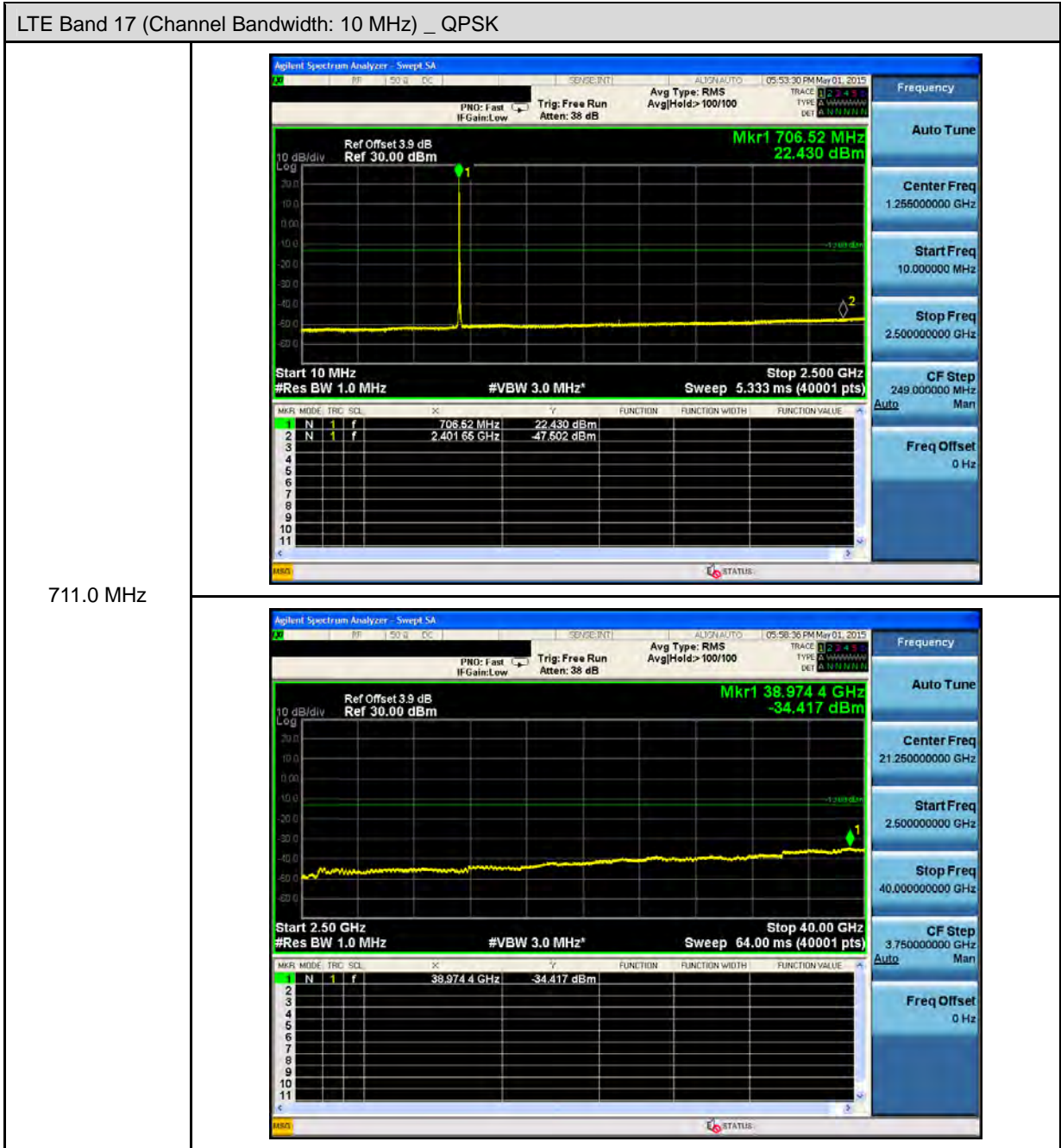












8.7. Test Result

Radiation Emission

| Band | Bandwidth | CH | Frequency (MHz) | Measurement (dBm) | Antanna Gain (dBi) | EIRP (dBm) | Limit (dBm) | Over (dB) |
|--------------|-----------|-------|-----------------|-------------------|--------------------|------------|-------------|-----------|
| LTE Band2 | 1.4MHz | 18607 | 2464.58 | -49.28 | 5 | -44.28 | -13.00 | -31.28 |
| | | | 3700.00 | -41.53 | 5 | -36.53 | -13.00 | -23.53 |
| | | | 38871.30 | -36.77 | 5 | -31.77 | -13.00 | -18.77 |
| | | 18900 | 2487.61 | -49.25 | 5 | -44.25 | -13.00 | -31.25 |
| | | | 3759.10 | -41.41 | 5 | -36.41 | -13.00 | -23.41 |
| | | | 38892.80 | -36.48 | 5 | -31.48 | -13.00 | -18.48 |
| | | 19193 | 2478.46 | -48.92 | 5 | -43.92 | -13.00 | -30.92 |
| | | | 3817.20 | -42.76 | 5 | -37.76 | -13.00 | -24.76 |
| | | | 38815.90 | -36.74 | 5 | -31.74 | -13.00 | -18.74 |
| | 3MHz | 18615 | 2482.63 | -48.85 | 5 | -43.85 | -13.00 | -30.85 |
| | | | 3700.00 | -42.18 | 5 | -37.18 | -13.00 | -24.18 |
| | | | 38917.20 | -36.51 | 5 | -31.51 | -13.00 | -18.51 |
| | | 18900 | 2474.98 | -48.52 | 5 | -43.52 | -13.00 | -30.52 |
| | | | 3757.20 | -41.67 | 5 | -36.67 | -13.00 | -23.67 |
| | | | 38.957.5 | -36.42 | 5 | -31.42 | -13.00 | -18.42 |
| | | 19185 | 2481.57 | -49.37 | 5 | -44.37 | -13.00 | -31.37 |
| | | | 3714.40 | -38.35 | 5 | -33.35 | -13.00 | -20.35 |
| | | | 38959.40 | -36.45 | 5 | -31.45 | -13.00 | -18.45 |
| | 5MHz | 18625 | 2441.05 | -49.23 | 5 | -44.23 | -13.00 | -31.23 |
| | | | 3700.90 | -40.36 | 5 | -35.36 | -13.00 | -22.36 |
| | | | 38851.60 | -36.43 | 5 | -31.43 | -13.00 | -18.43 |
| | | 18900 | 2480.33 | -49.24 | 5 | -44.24 | -13.00 | -31.24 |
| | | | 3755.30 | -41.76 | 5 | -36.76 | -13.00 | -23.76 |
| | | | 38890.00 | -36.02 | 5 | -31.02 | -13.00 | -18.02 |
| | | 19175 | 2489.23 | -48.79 | 5 | -43.79 | -13.00 | -30.79 |
| | | | 3810.60 | -38.39 | 5 | -33.39 | -13.00 | -20.39 |
| | | | 39180.60 | -36.88 | 5 | -31.88 | -13.00 | -18.88 |
| | 10MHz | 18650 | 2473.23 | -49.02 | 5 | -44.02 | -13.00 | -31.02 |
| | | | 3700.90 | -40.65 | 5 | -35.65 | -13.00 | -22.65 |
| | | | 28864.70 | -36.34 | 5 | -31.34 | -13.00 | -18.34 |
| | | 19150 | 2454.62 | -49.29 | 5 | -44.29 | -13.00 | -31.29 |
| | | | 3751.60 | -41.96 | 5 | -36.96 | -13.00 | -23.96 |
| | | | 38907.80 | -36.75 | 5 | -31.75 | -13.00 | -18.75 |
| | | 18675 | 2459.97 | -49.21 | 5 | -44.21 | -13.00 | -31.21 |
| | | | 3801.30 | -38.92 | 5 | -33.92 | -13.00 | -20.92 |
| | | | 38564.70 | -36.54 | 5 | -31.54 | -13.00 | -18.54 |

| Band | Bandwidth | CH | Frequency (MHz) | Measurement (dBm) | Antanna Gain (dBi) | EIRP (dBm) | Limit (dBm) | Over (dB) |
|--------------|-----------|-------|-----------------|-------------------|--------------------|------------|-------------|-----------|
| LTE Band2 | 15MHz | 18675 | 2456.61 | -49.26 | 5 | -44.26 | -13.00 | -31.26 |
| | | | 3701.90 | -40.20 | 5 | -35.20 | -13.00 | -22.20 |
| | | | 38937.80 | -36.32 | 5 | -31.32 | -13.00 | -18.32 |
| | | 18900 | 2474.60 | -49.06 | 5 | -44.06 | -13.00 | -31.06 |
| | | | 3746.90 | -40.16 | 5 | -35.16 | -13.00 | -22.16 |
| | | | 38932.20 | -35.95 | 5 | -30.95 | -13.00 | -17.95 |
| | | 19125 | 2463.96 | -49.27 | 5 | -44.27 | -13.00 | -31.27 |
| | | | 3791.90 | -40.70 | 5 | -35.70 | -13.00 | -22.70 |
| | | | 38948.10 | -36.89 | 5 | -31.89 | -13.00 | -18.89 |
| | 20MHz | 18700 | 2478.59 | -48.80 | 5 | -43.80 | -13.00 | -30.80 |
| | | | 3701.90 | -41.45 | 5 | -36.45 | -13.00 | -23.45 |
| | | | 38956.60 | -36.59 | 5 | -31.59 | -13.00 | -18.59 |
| | | 18900 | 2487.55 | -48.80 | 5 | -43.80 | -13.00 | -30.80 |
| | | | 2742.20 | -41.36 | 5 | -36.36 | -13.00 | -23.36 |
| | | | 38935.90 | -36.83 | 5 | -31.83 | -13.00 | -18.83 |
| | | 19100 | 2463.02 | -48.95 | 5 | -43.95 | -13.00 | -30.95 |
| | | | 3782.50 | -41.41 | 5 | -36.41 | -13.00 | -23.41 |
| | | | 38800.90 | -36.79 | 5 | -31.79 | -13.00 | -18.79 |

| Band | Bandwidth | CH | Frequency (MHz) | Measurement (dBm) | Antanna Gain (dBi) | EIRP (dBm) | Limit (dBm) | Over (dB) |
|--------------|-----------|-------|-----------------|-------------------|--------------------|------------|-------------|-----------|
| LTE Band4 | 1.4MHz | 19957 | 2441.65 | -48.93 | 5 | -43.93 | -13.00 | -30.93 |
| | | | 38872.20 | -36.69 | 5 | -31.69 | -13.00 | -18.69 |
| | | 20175 | 2485.37 | -48.80 | 5 | -43.80 | -13.00 | -30.80 |
| | | | 38948.10 | -36.35 | 5 | -31.35 | -13.00 | -18.35 |
| | | 20393 | 2464.70 | -49.56 | 5 | -44.56 | -13.00 | -31.56 |
| | | | 38950.00 | -36.21 | 5 | -31.21 | -13.00 | -18.21 |
| | 3MHz | 19965 | 2347.74 | -49.54 | 5 | -44.54 | -13.00 | -31.54 |
| | | | 38897.50 | -36.23 | 5 | -31.23 | -13.00 | -18.23 |
| | | 20175 | 2443.48 | -49.18 | 5 | -44.18 | -13.00 | -31.18 |
| | | | 38853.40 | -36.24 | 5 | -31.24 | -13.00 | -18.24 |
| | | 20385 | 2475.66 | -48.79 | 5 | -43.79 | -13.00 | -30.79 |
| | | | 38900.30 | -36.22 | 5 | -31.22 | -13.00 | -18.22 |
| | 5MHz | 19975 | 2470.00 | -48.93 | 5 | -43.93 | -13.00 | -30.93 |
| | | | 38879.70 | -36.23 | 5 | -31.23 | -13.00 | -18.23 |
| | | 20175 | 2467.38 | -48.88 | 5 | -43.88 | -13.00 | -30.88 |
| | | | 38916.30 | -36.26 | 5 | -31.26 | -13.00 | -18.26 |
| | | 20375 | 2475.54 | -48.96 | 5 | -43.96 | -13.00 | -30.96 |
| | | | 38934.10 | -36.17 | 5 | -31.17 | -13.00 | -18.17 |
| | 10MHz | 20000 | 2470.12 | -49.35 | 5 | -44.35 | -13.00 | -31.35 |
| | | | 38928.40 | -36.14 | 5 | -31.14 | -13.00 | -18.14 |
| | | 20175 | 2462.09 | -48.88 | 5 | -43.88 | -13.00 | -30.88 |
| | | | 38892.80 | -36.21 | 5 | -31.21 | -13.00 | -18.21 |
| | | 20350 | 2480.20 | -49.46 | 5 | -44.46 | -13.00 | -31.46 |
| | | | 38919.10 | -36.31 | 5 | -31.31 | -13.00 | -18.31 |
| | 15MHz | 20025 | 2469.31 | -48.19 | 5 | -43.19 | -13.00 | -30.19 |
| | | | 38936.90 | -36.39 | 5 | -31.39 | -13.00 | -18.39 |
| | | 20175 | 2473.86 | -49.13 | 5 | -44.13 | -13.00 | -31.13 |
| | | | 38947.20 | -36.26 | 5 | -31.26 | -13.00 | -18.26 |
| | | 20325 | 2445.72 | -48.70 | 5 | -43.70 | -13.00 | -30.70 |
| | | | 38936.90 | -36.45 | 5 | -31.45 | -13.00 | -18.45 |
| | 20MHz | 20050 | 2456.05 | -49.06 | 5 | -44.06 | -13.00 | -31.06 |
| | | | 38900.30 | -36.22 | 5 | -31.22 | -13.00 | -18.22 |
| | | 20175 | 2439.49 | -49.37 | 5 | -44.37 | -13.00 | -31.37 |
| | | | 38923.80 | -36.10 | 5 | -31.10 | -13.00 | -18.10 |
| | | 20300 | 2455.93 | -48.81 | 5 | -43.81 | -13.00 | -30.81 |
| | | | 38923.80 | -36.28 | 5 | -31.28 | -13.00 | -18.28 |

| Band | Bandwidth | CH | Frequency (MHz) | Measurement (dBm) | Antanna Gain (dBi) | EIRP (dBm) | Limit (dBm) | Over (dB) |
|-----------|-----------|-------|-----------------|-------------------|--------------------|------------|-------------|-----------|
| LTE Band5 | 1.4MHz | 20407 | 1648.98 | -44.16 | 5 | -39.16 | -13.00 | -26.16 |
| | | | 38965.90 | -36.06 | 5 | -31.06 | -13.00 | -18.06 |
| | | 20525 | 1672.64 | -42.06 | 5 | -37.06 | -13.00 | -24.06 |
| | | | 38894.70 | -36.34 | 5 | -31.34 | -13.00 | -18.34 |
| | | 20643 | 1695.93 | -49.38 | 5 | -44.38 | -13.00 | -31.38 |
| | | | 38897.50 | -36.07 | 5 | -31.07 | -13.00 | -18.07 |
| | 3MHz | 20415 | 1648.98 | -43.96 | 5 | -38.96 | -13.00 | -25.96 |
| | | | 38882.50 | -36.03 | 5 | -31.03 | -13.00 | -18.03 |
| | | 20525 | 1670.95 | -43.41 | 5 | -38.41 | -13.00 | -25.41 |
| | | | 38842.20 | -36.30 | 5 | -31.30 | -13.00 | -18.30 |
| | | 20635 | 1692.99 | -49.34 | 5 | -44.34 | -13.00 | -31.34 |
| | | | 38912.50 | -35.96 | 5 | -30.96 | -13.00 | -17.96 |
| | 5MHz | 20425 | 1649.23 | -43.93 | 5 | -38.93 | -13.00 | -25.93 |
| | | | 38918.10 | -36.27 | 5 | -31.27 | -13.00 | -18.27 |
| | | 20525 | 1669.27 | -43.42 | 5 | -38.42 | -13.00 | -25.42 |
| | | | 38907.80 | -36.02 | 5 | -31.02 | -13.00 | -18.02 |
| | | 20625 | 1689.38 | -46.00 | 5 | -41.00 | -13.00 | -28.00 |
| | | | 38919.10 | -36.15 | 5 | -31.15 | -13.00 | -18.15 |
| | 10MHz | 20450 | 1649.79 | -44.04 | 5 | -39.04 | -13.00 | -26.04 |
| | | | 38888.10 | -36.11 | 5 | -31.11 | -13.00 | -18.11 |
| | | 20525 | 1664.79 | -45.10 | 5 | -40.10 | -13.00 | -27.10 |
| | | | 38918.10 | -36.29 | 5 | -31.29 | -13.00 | -18.29 |
| | | 20600 | 1679.73 | -41.67 | 5 | -36.67 | -13.00 | -23.67 |
| | | | 38956.60 | -36.01 | 5 | -31.01 | -13.00 | -18.01 |

| Band | Bandwidth | CH | Frequency (MHz) | Measurement (dBm) | Antanna Gain (dBi) | EIRP (dBm) | Limit (dBm) | Over (dB) |
|--------------|-----------|---------|-----------------|-------------------|--------------------|------------|-------------|-----------|
| LTE Band7 | 5MHz | 20775 | 3751.02 | -46.81 | 7 | -39.81 | -13.00 | -26.81 |
| | | | 5000.80 | -37.24 | 7 | -30.24 | -13.00 | -17.24 |
| | | | 38923.60 | -36.57 | 7 | -29.57 | -13.00 | -16.57 |
| | | 21100 | 3761.30 | -45.94 | 7 | -38.94 | -13.00 | -25.94 |
| | | | 38911.00 | -36.38 | 7 | -29.38 | -13.00 | -16.38 |
| | | | 3760.70 | -46.41 | 7 | -39.41 | -13.00 | -26.41 |
| | | 21425 | 5130.40 | -44.12 | 7 | -37.12 | -13.00 | -24.12 |
| | 38935.30 | | -36.19 | 7 | -29.19 | -13.00 | -16.19 | |
| | 3858.61 | | -46.03 | 7 | -39.03 | -13.00 | -26.03 | |
| | 10MHz | 20800 | 5000.80 | -39.40 | 7 | -32.40 | -13.00 | -19.40 |
| | | | 39011.80 | -36.69 | 7 | -29.69 | -13.00 | -16.69 |
| | | | 3752.62 | -45.87 | 7 | -38.87 | -13.00 | -25.87 |
| | | 21100 | 5061.10 | -41.40 | 7 | -34.40 | -13.00 | -21.40 |
| | | | 38788.60 | -36.38 | 7 | -29.38 | -13.00 | -16.38 |
| | | | 3752.22 | -46.66 | 7 | -39.66 | -13.00 | -26.66 |
| | | 21400 | 38905.60 | -36.17 | 7 | -29.17 | -13.00 | -16.17 |
| | 3771.17 | | -46.33 | 7 | -39.66 | -13.00 | -26.33 | |
| | 15MHz | 20825 | 5001.17 | -38.24 | 7 | -29.17 | -13.00 | -18.24 |
| | | | 38870.50 | -36.09 | 7 | -39.66 | -13.00 | -16.09 |
| | | | 3780.35 | -46.36 | 7 | -39.36 | -13.00 | -26.36 |
| | | 21100 | 5056.60 | -42.21 | 7 | -35.21 | -13.00 | -22.21 |
| | | | 38878.60 | -36.52 | 7 | -29.52 | -13.00 | -16.52 |
| | | 21375 | 3785.64 | -46.35 | 7 | -39.35 | -13.00 | -26.35 |
| | | | 38926.30 | -36.39 | 7 | -29.39 | -13.00 | -16.39 |
| | 20MHz | 20850 | 3778.85 | -46.18 | 7 | -39.18 | -13.00 | -26.18 |
| | | | 5002.60 | -37.87 | 7 | -30.87 | -13.00 | -17.87 |
| | | | 38935.30 | -36.56 | 7 | -29.56 | -13.00 | -16.56 |
| | | 21100 | 3780.65 | -45.86 | 7 | -38.86 | -13.00 | -25.86 |
| | | | 5052.10 | -38.01 | 7 | -31.01 | -13.00 | -18.01 |
| | | | 38886.70 | -36.22 | 7 | -29.22 | -13.00 | -16.22 |
| 21350 | | 3871.45 | -46.39 | 7 | -39.39 | -13.00 | -26.39 | |
| | 38842.60 | -36.20 | 7 | -29.20 | -13.00 | -16.20 | | |

| Band | Bandwidth | CH | Frequency (MHz) | Measurement (dBm) | Antanna Gain (dBi) | EIRP (dBm) | Limit (dBm) | Over (dB) |
|---------------|-----------|-------|-----------------|-------------------|--------------------|------------|-------------|-----------|
| LTE Band17 | 5MHz | 23755 | 2380.17 | -47.88 | 5 | -42.88 | -13.00 | -29.88 |
| | | | 38920.00 | -34.54 | 5 | -29.54 | -13.00 | -16.54 |
| | | 23790 | 2399.34 | -47.22 | 5 | -42.22 | -13.00 | -29.22 |
| | | | 38936.90 | -34.35 | 5 | -29.35 | -13.00 | -16.35 |
| | | 23825 | 2404.20 | -47.14 | 5 | -42.14 | -13.00 | -29.14 |
| | | | 38900.30 | -34.27 | 5 | -29.27 | -13.00 | -16.27 |
| | 10MHz | 23780 | 2405.50 | -47.89 | 5 | -42.89 | -13.00 | -29.89 |
| | | | 38912.50 | -34.18 | 5 | -29.18 | -13.00 | -16.18 |
| | | 23790 | 2403.26 | -47.63 | 5 | -42.63 | -13.00 | -29.63 |
| | | | 38965.90 | -34.42 | 5 | -29.42 | -13.00 | -16.42 |
| | | 23800 | 2401.65 | -47.50 | 5 | -42.50 | -13.00 | -29.50 |
| | | | 38974.40 | -34.42 | 5 | -29.42 | -13.00 | -16.42 |

9 Radiated Emission Test

9.1. Limit

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

9.2. Test Instruments

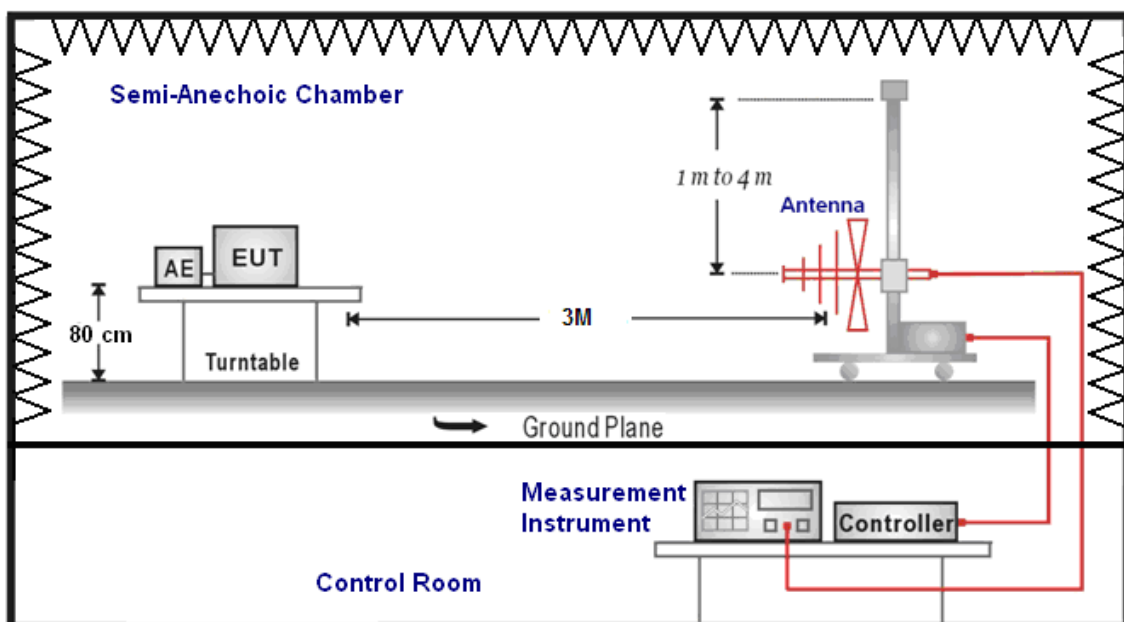
| 3 Meter Chamber | | | | | |
|--------------------------------|-----------------------------|--------------|---------------|------------|--------|
| Equipment | Manufacturer | Model Number | Serial Number | Cal. Date | Remark |
| RF Pre-selector | Agilent | N9039A | MY46520256 | 01/06/2015 | (1) |
| Spectrum Analyzer | Agilent | E4446A | MY46180578 | 01/06/2015 | (1) |
| Pre Amplifier | Agilent | 8449B | 3008A02237 | 02/24/2015 | (1) |
| Pre Amplifier | Agilent | 8447D | 2944A10961 | 02/24/2015 | (1) |
| Broadband Antenna (30MHz~1GHz) | SCHWARZBECK MESS-ELEKTRONIK | VULB9163 | 9163-270 | 07/22/2014 | (1) |
| Horn Antenna (1~18GHz) | SCHWARZBECK MESS-ELEKTRONIK | BBHA9120D | 9120D-550 | 06/11/2014 | (1) |
| Horn Antenna (18~40GHz) | SCHWARZBECK MESS-ELEKTRONIK | BBHA9170 | 9170-320 | 07/02/2014 | (1) |
| Test Site | ATL | TE01 | 888001 | 08/28/2014 | (1) |

Remark: ⁽¹⁾ Calibration period 1 year. ⁽²⁾ Calibration period 2 years.

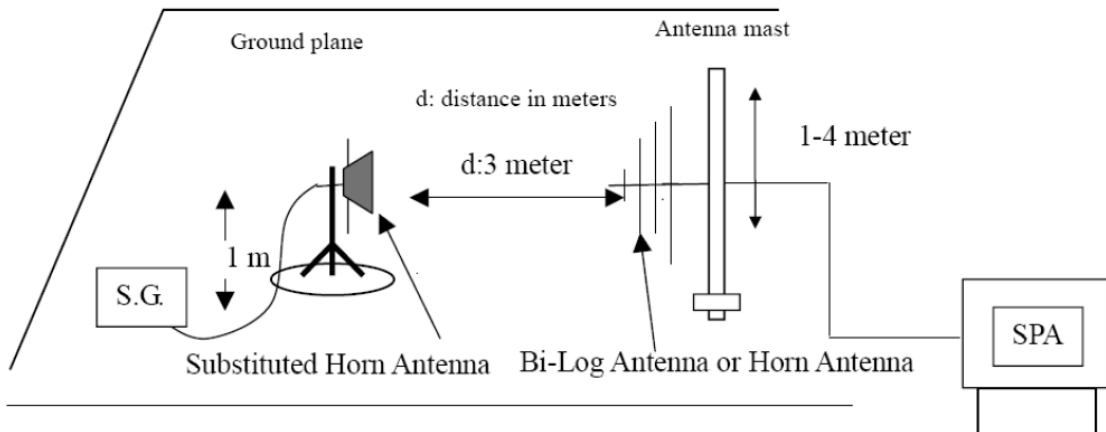
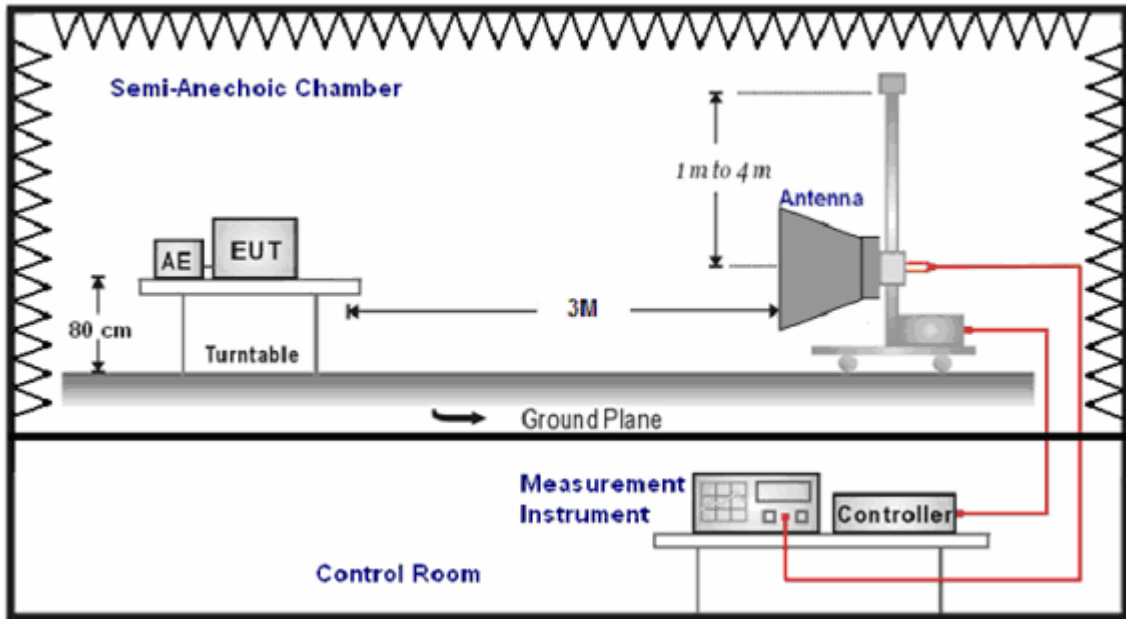
Note: N.C.R. = No Calibration Request.

9.3. Setup

Below 1GHz



Above 1GHz



9.4. Test Procedure

- a. The EUT was set up for the maximum power with LTE link data modulation. The power was measured with R&S Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range). RWB and VBW is 10MHz for LTE and 5MHz for WCDMA mode.
- b. E.I.R.P power measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G.
- d. E.I.R.P. = Output power level of S.G - TX cable loss + Antenna gain of substitution horn
- e. E.R.P. = E.I.R.P- 2.15 dB

9.5. Uncertainty

The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is ± 3.072 dB.

9.6. Test Result

| | | | |
|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1850.7 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 158.0000 | -81.64 | 7.90 | -73.74 | -13.00 | -60.74 | peak | H |
| 2 | 341.5000 | -82.12 | -0.10 | -82.22 | -13.00 | -69.22 | peak | H |
| 3 | 441.5000 | -81.31 | 4.47 | -76.84 | -13.00 | -63.84 | peak | H |
| 4 | 550.0000 | -80.46 | 8.26 | -72.20 | -13.00 | -59.20 | peak | H |
| 5 | 610.5000 | -79.01 | 8.06 | -70.95 | -13.00 | -57.95 | peak | H |
| 6 | 654.0000 | -80.11 | 7.70 | -72.41 | -13.00 | -59.41 | peak | H |
| 7 | 3220.000 | -70.29 | 14.56 | -55.73 | -13.00 | -42.73 | peak | H |
| 8 | 4876.000 | -73.91 | 19.81 | -54.10 | -13.00 | -41.10 | peak | H |
| 9 | 7228.000 | -75.47 | 25.85 | -49.62 | -13.00 | -36.62 | peak | H |
| 1 | 132.0000 | -80.79 | 19.38 | -61.41 | -13.00 | -48.41 | peak | V |
| 2 | 207.0000 | -80.77 | 9.58 | -71.19 | -13.00 | -58.19 | peak | V |
| 3 | 309.5000 | -82.21 | 2.48 | -79.73 | -13.00 | -66.73 | peak | V |
| 4 | 470.5000 | -80.82 | 2.54 | -78.28 | -13.00 | -65.28 | peak | V |
| 5 | 586.5000 | -79.58 | 6.54 | -73.04 | -13.00 | -60.04 | peak | V |
| 6 | 716.5000 | -75.15 | 11.79 | -63.36 | -13.00 | -50.36 | peak | V |
| 7 | 3280.000 | -69.26 | 14.86 | -54.40 | -13.00 | -41.40 | peak | V |
| 8 | 4756.000 | -74.25 | 19.44 | -54.81 | -13.00 | -41.81 | peak | V |
| 9 | 7132.000 | -74.01 | 25.45 | -48.56 | -13.00 | -35.56 | peak | V |

| | | | |
|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -83.23 | 8.40 | -74.83 | -13.00 | -61.83 | peak | H |
| 2 | 203.5000 | -82.41 | 2.53 | -79.88 | -13.00 | -66.88 | peak | H |
| 3 | 302.0000 | -81.72 | -1.66 | -83.38 | -13.00 | -70.38 | peak | H |
| 4 | 440.0000 | -81.13 | 4.41 | -76.72 | -13.00 | -63.72 | peak | H |
| 5 | 532.0000 | -80.18 | 8.29 | -71.89 | -13.00 | -58.89 | peak | H |
| 6 | 642.5000 | -79.34 | 7.39 | -71.95 | -13.00 | -58.95 | peak | H |
| 7 | 3268.000 | -71.31 | 14.80 | -56.51 | -13.00 | -43.51 | peak | H |
| 8 | 4876.000 | -74.74 | 19.81 | -54.93 | -13.00 | -41.93 | peak | H |
| 9 | 7204.000 | -75.77 | 25.75 | -50.02 | -13.00 | -37.02 | peak | H |
| 1 | 133.5000 | -80.49 | 18.78 | -61.71 | -13.00 | -48.71 | peak | V |
| 2 | 201.0000 | -82.30 | 10.50 | -71.80 | -13.00 | -58.80 | peak | V |
| 3 | 293.5000 | -81.96 | 2.71 | -79.25 | -13.00 | -66.25 | peak | V |
| 4 | 397.0000 | -81.89 | 1.60 | -80.29 | -13.00 | -67.29 | peak | V |
| 5 | 568.0000 | -80.52 | 5.16 | -75.36 | -13.00 | -62.36 | peak | V |
| 6 | 679.0000 | -81.36 | 10.45 | -70.91 | -13.00 | -57.91 | peak | V |
| 7 | 3292.000 | -71.64 | 14.93 | -56.71 | -13.00 | -43.71 | peak | V |
| 8 | 4780.000 | -74.17 | 19.52 | -54.65 | -13.00 | -41.65 | peak | V |
| 9 | 7180.000 | -74.93 | 25.64 | -49.29 | -13.00 | -36.29 | peak | V |

| | | | |
|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1909.3 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -80.57 | 8.40 | -72.17 | -13.00 | -59.17 | peak | H |
| 2 | 364.0000 | -81.17 | 0.49 | -80.68 | -13.00 | -67.68 | peak | H |
| 3 | 484.0000 | -79.79 | 6.41 | -73.38 | -13.00 | -60.38 | peak | H |
| 4 | 562.0000 | -80.05 | 7.99 | -72.06 | -13.00 | -59.06 | peak | H |
| 5 | 639.0000 | -80.50 | 7.37 | -73.13 | -13.00 | -60.13 | peak | H |
| 6 | 703.0000 | -80.39 | 8.08 | -72.31 | -13.00 | -59.31 | peak | H |
| 7 | 3280.000 | -71.77 | 14.86 | -56.91 | -13.00 | -43.91 | peak | H |
| 8 | 4804.000 | -73.44 | 19.59 | -53.85 | -13.00 | -40.85 | peak | H |
| 9 | 7204.000 | -74.79 | 25.75 | -49.04 | -13.00 | -36.04 | peak | H |
| 1 | 133.5000 | -80.33 | 18.78 | -61.55 | -13.00 | -48.55 | peak | V |
| 2 | 200.5000 | -80.46 | 10.57 | -69.89 | -13.00 | -56.89 | peak | V |
| 3 | 302.5000 | -81.74 | 3.05 | -78.69 | -13.00 | -65.69 | peak | V |
| 4 | 366.5000 | -80.89 | 2.47 | -78.42 | -13.00 | -65.42 | peak | V |
| 5 | 544.0000 | -81.29 | 4.52 | -76.77 | -13.00 | -63.77 | peak | V |
| 6 | 667.0000 | -80.54 | 10.23 | -70.31 | -13.00 | -57.31 | peak | V |
| 7 | 3328.000 | -71.32 | 15.12 | -56.20 | -13.00 | -43.20 | peak | V |
| 8 | 4828.000 | -73.08 | 19.66 | -53.42 | -13.00 | -40.42 | peak | V |
| 9 | 7180.000 | -74.66 | 25.64 | -49.02 | -13.00 | -36.02 | peak | V |

| | | | |
|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1851.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 135.0000 | -73.67 | 1.74 | -71.93 | -13.00 | -58.93 | peak | H |
| 2 | 208.0000 | -81.86 | 1.34 | -80.52 | -13.00 | -67.52 | peak | H |
| 3 | 373.0000 | -80.78 | 0.80 | -79.98 | -13.00 | -66.98 | peak | H |
| 4 | 499.0000 | -80.28 | 7.29 | -72.99 | -13.00 | -59.99 | peak | H |
| 5 | 605.0000 | -80.54 | 8.07 | -72.47 | -13.00 | -59.47 | peak | H |
| 6 | 716.5000 | -73.00 | 8.44 | -64.56 | -13.00 | -51.56 | peak | H |
| 7 | 3232.000 | -70.77 | 14.62 | -56.15 | -13.00 | -43.15 | peak | H |
| 8 | 4720.000 | -74.39 | 19.32 | -55.07 | -13.00 | -42.07 | peak | H |
| 9 | 7180.000 | -74.50 | 25.64 | -48.86 | -13.00 | -35.86 | peak | H |
| 1 | 130.0000 | -82.64 | 20.16 | -62.48 | -13.00 | -49.48 | peak | V |
| 2 | 209.0000 | -81.11 | 9.27 | -71.84 | -13.00 | -58.84 | peak | V |
| 3 | 310.0000 | -81.63 | 2.44 | -79.19 | -13.00 | -66.19 | peak | V |
| 4 | 434.0000 | -81.38 | 1.90 | -79.48 | -13.00 | -66.48 | peak | V |
| 5 | 607.0000 | -81.34 | 8.18 | -73.16 | -13.00 | -60.16 | peak | V |
| 6 | 671.5000 | -79.73 | 10.31 | -69.42 | -13.00 | -56.42 | peak | V |
| 7 | 3148.000 | -70.38 | 14.18 | -56.20 | -13.00 | -43.20 | peak | V |
| 8 | 4732.000 | -74.44 | 19.36 | -55.08 | -13.00 | -42.08 | peak | V |
| 9 | 7120.000 | -74.92 | 25.40 | -49.52 | -13.00 | -36.52 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 135.5000 | -74.07 | 1.82 | -72.25 | -13.00 | -59.25 | peak | H |
| 2 | 160.0000 | -81.24 | 8.40 | -72.84 | -13.00 | -59.84 | peak | H |
| 3 | 335.5000 | -81.41 | -0.17 | -81.58 | -13.00 | -68.58 | peak | H |
| 4 | 455.0000 | -81.10 | 4.97 | -76.13 | -13.00 | -63.13 | peak | H |
| 5 | 532.5000 | -80.52 | 8.30 | -72.22 | -13.00 | -59.22 | peak | H |
| 6 | 656.0000 | -80.13 | 7.76 | -72.37 | -13.00 | -59.37 | peak | H |
| 7 | 3244.000 | -71.04 | 14.68 | -56.36 | -13.00 | -43.36 | peak | H |
| 8 | 4804.000 | -73.83 | 19.59 | -54.24 | -13.00 | -41.24 | peak | H |
| 9 | 7168.000 | -73.82 | 25.58 | -48.24 | -13.00 | -35.24 | peak | H |
| 1 | 160.0000 | -82.42 | 19.63 | -62.79 | -13.00 | -49.79 | peak | V |
| 2 | 206.0000 | -80.23 | 9.73 | -70.50 | -13.00 | -57.50 | peak | V |
| 3 | 306.5000 | -82.10 | 2.72 | -79.38 | -13.00 | -66.38 | peak | V |
| 4 | 420.5000 | -81.07 | 1.76 | -79.31 | -13.00 | -66.31 | peak | V |
| 5 | 545.0000 | -79.98 | 4.53 | -75.45 | -13.00 | -62.45 | peak | V |
| 6 | 669.5000 | -79.71 | 10.27 | -69.44 | -13.00 | -56.44 | peak | V |
| 7 | 3196.000 | -70.89 | 14.43 | -56.46 | -13.00 | -43.46 | peak | V |
| 8 | 4732.000 | -74.09 | 19.36 | -54.73 | -13.00 | -41.73 | peak | V |
| 9 | 7120.000 | -74.94 | 25.40 | -49.54 | -13.00 | -36.54 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1908.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 135.5000 | -73.69 | 1.82 | -71.87 | -13.00 | -58.87 | peak | H |
| 2 | 204.0000 | -82.07 | 2.40 | -79.67 | -13.00 | -66.67 | peak | H |
| 3 | 351.0000 | -80.65 | 0.12 | -80.53 | -13.00 | -67.53 | peak | H |
| 4 | 448.5000 | -80.29 | 4.75 | -75.54 | -13.00 | -62.54 | peak | H |
| 5 | 539.0000 | -80.80 | 8.49 | -72.31 | -13.00 | -59.31 | peak | H |
| 6 | 665.5000 | -80.54 | 7.88 | -72.66 | -13.00 | -59.66 | peak | H |
| 7 | 3232.000 | -70.73 | 14.62 | -56.11 | -13.00 | -43.11 | peak | H |
| 8 | 4768.000 | -75.07 | 19.48 | -55.59 | -13.00 | -42.59 | peak | H |
| 9 | 7216.000 | -74.01 | 25.79 | -48.22 | -13.00 | -35.22 | peak | H |
| 1 | 133.0000 | -81.08 | 18.96 | -62.12 | -13.00 | -49.12 | peak | V |
| 2 | 200.5000 | -82.41 | 10.57 | -71.84 | -13.00 | -58.84 | peak | V |
| 3 | 336.0000 | -80.61 | 1.61 | -79.00 | -13.00 | -66.00 | peak | V |
| 4 | 428.0000 | -81.02 | 1.84 | -79.18 | -13.00 | -66.18 | peak | V |
| 5 | 528.0000 | -79.88 | 3.85 | -76.03 | -13.00 | -63.03 | peak | V |
| 6 | 655.5000 | -80.66 | 9.89 | -70.77 | -13.00 | -57.77 | peak | V |
| 7 | 3196.000 | -71.58 | 14.43 | -57.15 | -13.00 | -44.15 | peak | V |
| 8 | 4720.000 | -74.83 | 19.32 | -55.51 | -13.00 | -42.51 | peak | V |
| 9 | 7180.000 | -73.63 | 25.64 | -47.99 | -13.00 | -34.99 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1852.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 134.0000 | -75.46 | 1.59 | -73.87 | -13.00 | -60.87 | peak | H |
| 2 | 200.0000 | -83.73 | 3.45 | -80.28 | -13.00 | -67.28 | peak | H |
| 3 | 348.5000 | -81.18 | 0.06 | -81.12 | -13.00 | -68.12 | peak | H |
| 4 | 420.5000 | -79.89 | 3.86 | -76.03 | -13.00 | -63.03 | peak | H |
| 5 | 576.0000 | -79.68 | 7.77 | -71.91 | -13.00 | -58.91 | peak | H |
| 6 | 655.0000 | -79.99 | 7.72 | -72.27 | -13.00 | -59.27 | peak | H |
| 7 | 3232.000 | -70.02 | 14.62 | -55.40 | -13.00 | -42.40 | peak | H |
| 8 | 4804.000 | -74.34 | 19.59 | -54.75 | -13.00 | -41.75 | peak | H |
| 9 | 7120.000 | -73.45 | 25.40 | -48.05 | -13.00 | -35.05 | peak | H |
| 1 | 130.0000 | -82.82 | 20.16 | -62.66 | -13.00 | -49.66 | peak | V |
| 2 | 203.0000 | -82.71 | 10.20 | -72.51 | -13.00 | -59.51 | peak | V |
| 3 | 295.5000 | -81.48 | 2.88 | -78.60 | -13.00 | -65.60 | peak | V |
| 4 | 405.0000 | -80.39 | 1.61 | -78.78 | -13.00 | -65.78 | peak | V |
| 5 | 567.0000 | -80.82 | 5.09 | -75.73 | -13.00 | -62.73 | peak | V |
| 6 | 661.0000 | -81.29 | 10.11 | -71.18 | -13.00 | -58.18 | peak | V |
| 7 | 3244.000 | -70.41 | 14.68 | -55.73 | -13.00 | -42.73 | peak | V |
| 8 | 4804.000 | -74.44 | 19.59 | -54.85 | -13.00 | -41.85 | peak | V |
| 9 | 7276.000 | -74.82 | 26.04 | -48.78 | -13.00 | -35.78 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 135.0000 | -76.52 | 1.74 | -74.78 | -13.00 | -61.78 | peak | H |
| 2 | 207.0000 | -83.03 | 1.60 | -81.43 | -13.00 | -68.43 | peak | H |
| 3 | 345.5000 | -82.26 | -0.01 | -82.27 | -13.00 | -69.27 | peak | H |
| 4 | 452.0000 | -80.35 | 4.86 | -75.49 | -13.00 | -62.49 | peak | H |
| 5 | 575.5000 | -80.74 | 7.77 | -72.97 | -13.00 | -59.97 | peak | H |
| 6 | 697.0000 | -81.31 | 7.99 | -73.32 | -13.00 | -60.32 | peak | H |
| 7 | 3268.000 | -70.14 | 14.80 | -55.34 | -13.00 | -42.34 | peak | H |
| 8 | 4912.000 | -72.79 | 19.92 | -52.87 | -13.00 | -39.87 | peak | H |
| 9 | 7264.000 | -75.59 | 25.99 | -49.60 | -13.00 | -36.60 | peak | H |
| 1 | 130.5000 | -81.88 | 19.96 | -61.92 | -13.00 | -48.92 | peak | V |
| 2 | 205.5000 | -81.58 | 9.80 | -71.78 | -13.00 | -58.78 | peak | V |
| 3 | 293.0000 | -80.23 | 2.66 | -77.57 | -13.00 | -64.57 | peak | V |
| 4 | 387.5000 | -80.70 | 1.76 | -78.94 | -13.00 | -65.94 | peak | V |
| 5 | 541.5000 | -80.79 | 4.52 | -76.27 | -13.00 | -63.27 | peak | V |
| 6 | 670.5000 | -79.57 | 10.30 | -69.27 | -13.00 | -56.27 | peak | V |
| 7 | 3280.000 | -71.15 | 14.86 | -56.29 | -13.00 | -43.29 | peak | V |
| 8 | 4768.000 | -73.73 | 19.48 | -54.25 | -13.00 | -41.25 | peak | V |
| 9 | 7276.000 | -76.25 | 26.04 | -50.21 | -13.00 | -37.21 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1907.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 134.0000 | -73.55 | 1.59 | -71.96 | -13.00 | -58.96 | peak | H |
| 2 | 159.5000 | -80.33 | 8.28 | -72.05 | -13.00 | -59.05 | peak | H |
| 3 | 354.5000 | -81.92 | 0.21 | -81.71 | -13.00 | -68.71 | peak | H |
| 4 | 503.5000 | -80.28 | 7.45 | -72.83 | -13.00 | -59.83 | peak | H |
| 5 | 607.5000 | -80.22 | 8.07 | -72.15 | -13.00 | -59.15 | peak | H |
| 6 | 672.0000 | -80.46 | 7.90 | -72.56 | -13.00 | -59.56 | peak | H |
| 7 | 3232.000 | -70.50 | 14.62 | -55.88 | -13.00 | -42.88 | peak | H |
| 8 | 4756.000 | -74.35 | 19.44 | -54.91 | -13.00 | -41.91 | peak | H |
| 9 | 7348.000 | -75.28 | 26.35 | -48.93 | -13.00 | -35.93 | peak | H |
| 1 | 134.5000 | -79.03 | 18.38 | -60.65 | -13.00 | -47.65 | peak | V |
| 2 | 202.5000 | -81.95 | 10.27 | -71.68 | -13.00 | -58.68 | peak | V |
| 3 | 305.5000 | -82.19 | 2.81 | -79.38 | -13.00 | -66.38 | peak | V |
| 4 | 420.0000 | -81.17 | 1.75 | -79.42 | -13.00 | -66.42 | peak | V |
| 5 | 590.0000 | -81.72 | 6.81 | -74.91 | -13.00 | -61.91 | peak | V |
| 6 | 705.5000 | -81.28 | 11.42 | -69.86 | -13.00 | -56.86 | peak | V |
| 7 | 3244.000 | -70.36 | 14.68 | -55.68 | -13.00 | -42.68 | peak | V |
| 8 | 4804.000 | -72.76 | 19.59 | -53.17 | -13.00 | -40.17 | peak | V |
| 9 | 7300.000 | -75.71 | 26.14 | -49.57 | -13.00 | -36.57 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1855.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 135.0000 | -73.10 | 1.74 | -71.36 | -13.00 | -58.36 | peak | H |
| 2 | 201.5000 | -82.04 | 3.06 | -78.98 | -13.00 | -65.98 | peak | H |
| 3 | 320.0000 | -81.25 | -0.36 | -81.61 | -13.00 | -68.61 | peak | H |
| 4 | 464.0000 | -80.21 | 5.34 | -74.87 | -13.00 | -61.87 | peak | H |
| 5 | 576.5000 | -79.59 | 7.76 | -71.83 | -13.00 | -58.83 | peak | H |
| 6 | 716.5000 | -76.42 | 8.44 | -67.98 | -13.00 | -54.98 | peak | H |
| 7 | 3292.000 | -70.40 | 14.93 | -55.47 | -13.00 | -42.47 | peak | H |
| 8 | 4768.000 | -72.60 | 19.48 | -53.12 | -13.00 | -40.12 | peak | H |
| 9 | 7216.000 | -74.86 | 25.79 | -49.07 | -13.00 | -36.07 | peak | H |
| 1 | 130.5000 | -80.98 | 19.96 | -61.02 | -13.00 | -48.02 | peak | V |
| 2 | 204.5000 | -81.73 | 9.97 | -71.76 | -13.00 | -58.76 | peak | V |
| 3 | 289.0000 | -81.76 | 2.31 | -79.45 | -13.00 | -66.45 | peak | V |
| 4 | 363.0000 | -82.11 | 2.60 | -79.51 | -13.00 | -66.51 | peak | V |
| 5 | 536.5000 | -80.62 | 4.31 | -76.31 | -13.00 | -63.31 | peak | V |
| 6 | 708.0000 | -81.77 | 11.51 | -70.26 | -13.00 | -57.26 | peak | V |
| 7 | 3232.000 | -68.24 | 14.62 | -53.62 | -13.00 | -40.62 | peak | V |
| 8 | 4780.000 | -73.22 | 19.52 | -53.70 | -13.00 | -40.70 | peak | V |
| 9 | 7156.000 | -74.74 | 25.54 | -49.20 | -13.00 | -36.20 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -80.74 | 8.40 | -72.34 | -13.00 | -59.34 | peak | H |
| 2 | 330.0000 | -82.04 | -0.22 | -82.26 | -13.00 | -69.26 | peak | H |
| 3 | 414.0000 | -80.58 | 3.52 | -77.06 | -13.00 | -64.06 | peak | H |
| 4 | 543.0000 | -80.08 | 8.43 | -71.65 | -13.00 | -58.65 | peak | H |
| 5 | 624.5000 | -80.89 | 7.93 | -72.96 | -13.00 | -59.96 | peak | H |
| 6 | 716.5000 | -76.62 | 8.44 | -68.18 | -13.00 | -55.18 | peak | H |
| 7 | 3292.000 | -71.79 | 14.93 | -56.86 | -13.00 | -43.86 | peak | H |
| 8 | 4780.000 | -73.82 | 19.52 | -54.30 | -13.00 | -41.30 | peak | H |
| 9 | 7120.000 | -75.08 | 25.40 | -49.68 | -13.00 | -36.68 | peak | H |
| 1 | 132.0000 | -80.52 | 19.38 | -61.14 | -13.00 | -48.14 | peak | V |
| 2 | 206.5000 | -80.85 | 9.65 | -71.20 | -13.00 | -58.20 | peak | V |
| 3 | 302.0000 | -82.28 | 3.10 | -79.18 | -13.00 | -66.18 | peak | V |
| 4 | 412.0000 | -80.29 | 1.68 | -78.61 | -13.00 | -65.61 | peak | V |
| 5 | 538.0000 | -80.33 | 4.41 | -75.92 | -13.00 | -62.92 | peak | V |
| 6 | 694.5000 | -80.94 | 11.02 | -69.92 | -13.00 | -56.92 | peak | V |
| 7 | 3280.000 | -71.16 | 14.86 | -56.30 | -13.00 | -43.30 | peak | V |
| 8 | 4756.000 | -74.19 | 19.44 | -54.75 | -13.00 | -41.75 | peak | V |
| 9 | 7156.000 | -72.63 | 25.54 | -47.09 | -13.00 | -34.09 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1905.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.5000 | -81.20 | 7.94 | -73.26 | -13.00 | -60.26 | peak | H |
| 2 | 313.5000 | -80.88 | -0.83 | -81.71 | -13.00 | -68.71 | peak | H |
| 3 | 426.5000 | -81.07 | 4.04 | -77.03 | -13.00 | -64.03 | peak | H |
| 4 | 545.0000 | -79.64 | 8.39 | -71.25 | -13.00 | -58.25 | peak | H |
| 5 | 631.0000 | -81.48 | 7.68 | -73.80 | -13.00 | -60.80 | peak | H |
| 6 | 716.5000 | -79.05 | 8.44 | -70.61 | -13.00 | -57.61 | peak | H |
| 7 | 3172.000 | -70.26 | 14.30 | -55.96 | -13.00 | -42.96 | peak | H |
| 8 | 4816.000 | -73.83 | 19.63 | -54.20 | -13.00 | -41.20 | peak | H |
| 9 | 7300.000 | -75.92 | 26.14 | -49.78 | -13.00 | -36.78 | peak | H |
| 1 | 131.0000 | -81.27 | 19.76 | -61.51 | -13.00 | -48.51 | peak | V |
| 2 | 200.5000 | -82.58 | 10.57 | -72.01 | -13.00 | -59.01 | peak | V |
| 3 | 304.0000 | -81.71 | 2.92 | -78.79 | -13.00 | -65.79 | peak | V |
| 4 | 429.0000 | -81.21 | 1.86 | -79.35 | -13.00 | -66.35 | peak | V |
| 5 | 582.5000 | -78.82 | 6.23 | -72.59 | -13.00 | -59.59 | peak | V |
| 6 | 690.0000 | -80.84 | 10.85 | -69.99 | -13.00 | -56.99 | peak | V |
| 7 | 3268.000 | -69.26 | 14.80 | -54.46 | -13.00 | -41.46 | peak | V |
| 8 | 4720.000 | -73.58 | 19.32 | -54.26 | -13.00 | -41.26 | peak | V |
| 9 | 7156.000 | -74.40 | 25.54 | -48.86 | -13.00 | -35.86 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1857.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -81.39 | 8.40 | -72.99 | -13.00 | -59.99 | peak | H |
| 2 | 319.5000 | -82.09 | -0.39 | -82.48 | -13.00 | -69.48 | peak | H |
| 3 | 469.0000 | -81.58 | 5.60 | -75.98 | -13.00 | -62.98 | peak | H |
| 4 | 538.5000 | -80.11 | 8.47 | -71.64 | -13.00 | -58.64 | peak | H |
| 5 | 648.0000 | -80.35 | 7.54 | -72.81 | -13.00 | -59.81 | peak | H |
| 6 | 716.5000 | -79.19 | 8.44 | -70.75 | -13.00 | -57.75 | peak | H |
| 7 | 3280.000 | -70.08 | 14.86 | -55.22 | -13.00 | -42.22 | peak | H |
| 8 | 4804.000 | -73.13 | 19.59 | -53.54 | -13.00 | -40.54 | peak | H |
| 9 | 7168.000 | -74.86 | 25.58 | -49.28 | -13.00 | -36.28 | peak | H |
| 1 | 130.5000 | -82.61 | 19.96 | -62.65 | -13.00 | -49.65 | peak | V |
| 2 | 207.5000 | -81.20 | 9.50 | -71.70 | -13.00 | -58.70 | peak | V |
| 3 | 299.5000 | -81.91 | 3.21 | -78.70 | -13.00 | -65.70 | peak | V |
| 4 | 418.5000 | -79.91 | 1.75 | -78.16 | -13.00 | -65.16 | peak | V |
| 5 | 508.5000 | -79.74 | 3.25 | -76.49 | -13.00 | -63.49 | peak | V |
| 6 | 708.0000 | -81.74 | 11.51 | -70.23 | -13.00 | -57.23 | peak | V |
| 7 | 3268.000 | -70.53 | 14.80 | -55.73 | -13.00 | -42.73 | peak | V |
| 8 | 4816.000 | -72.75 | 19.63 | -53.12 | -13.00 | -40.12 | peak | V |
| 9 | 7084.000 | -74.77 | 25.25 | -49.52 | -13.00 | -36.52 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 137.5000 | -74.60 | 2.12 | -72.48 | -13.00 | -59.48 | peak | H |
| 2 | 203.0000 | -81.83 | 2.67 | -79.16 | -13.00 | -66.16 | peak | H |
| 3 | 294.5000 | -82.13 | -2.32 | -84.45 | -13.00 | -71.45 | peak | H |
| 4 | 421.0000 | -82.25 | 3.87 | -78.38 | -13.00 | -65.38 | peak | H |
| 5 | 538.0000 | -79.76 | 8.46 | -71.30 | -13.00 | -58.30 | peak | H |
| 6 | 668.0000 | -80.99 | 7.90 | -73.09 | -13.00 | -60.09 | peak | H |
| 7 | 3292.000 | -70.69 | 14.93 | -55.76 | -13.00 | -42.76 | peak | H |
| 8 | 4816.000 | -74.14 | 19.63 | -54.51 | -13.00 | -41.51 | peak | H |
| 9 | 7264.000 | -75.35 | 25.99 | -49.36 | -13.00 | -36.36 | peak | H |
| 1 | 130.5000 | -81.47 | 19.96 | -61.51 | -13.00 | -48.51 | peak | V |
| 2 | 204.0000 | -82.68 | 10.04 | -72.64 | -13.00 | -59.64 | peak | V |
| 3 | 293.0000 | -81.08 | 2.66 | -78.42 | -13.00 | -65.42 | peak | V |
| 4 | 382.0000 | -81.69 | 1.85 | -79.84 | -13.00 | -66.84 | peak | V |
| 5 | 595.5000 | -81.68 | 7.23 | -74.45 | -13.00 | -61.45 | peak | V |
| 6 | 703.0000 | -80.80 | 11.34 | -69.46 | -13.00 | -56.46 | peak | V |
| 7 | 3292.000 | -71.92 | 14.93 | -56.99 | -13.00 | -43.99 | peak | V |
| 8 | 4720.000 | -73.85 | 19.32 | -54.53 | -13.00 | -41.53 | peak | V |
| 9 | 7228.000 | -75.08 | 25.85 | -49.23 | -13.00 | -36.23 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1902.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -81.94 | 8.28 | -73.66 | -13.00 | -60.66 | peak | H |
| 2 | 201.0000 | -83.03 | 3.19 | -79.84 | -13.00 | -66.84 | peak | H |
| 3 | 336.0000 | -81.85 | -0.18 | -82.03 | -13.00 | -69.03 | peak | H |
| 4 | 419.0000 | -80.76 | 3.80 | -76.96 | -13.00 | -63.96 | peak | H |
| 5 | 546.5000 | -80.32 | 8.35 | -71.97 | -13.00 | -58.97 | peak | H |
| 6 | 716.5000 | -78.56 | 8.44 | -70.12 | -13.00 | -57.12 | peak | H |
| 7 | 3292.000 | -71.66 | 14.93 | -56.73 | -13.00 | -43.73 | peak | H |
| 8 | 4852.000 | -72.40 | 19.74 | -52.66 | -13.00 | -39.66 | peak | H |
| 9 | 7180.000 | -75.67 | 25.64 | -50.03 | -13.00 | -37.03 | peak | H |
| 1 | 128.5000 | -80.35 | 18.37 | -61.98 | -13.00 | -48.98 | peak | V |
| 2 | 206.5000 | -81.01 | 9.65 | -71.36 | -13.00 | -58.36 | peak | V |
| 3 | 299.5000 | -82.67 | 3.21 | -79.46 | -13.00 | -66.46 | peak | V |
| 4 | 375.5000 | -81.66 | 2.08 | -79.58 | -13.00 | -66.58 | peak | V |
| 5 | 513.5000 | -77.45 | 3.33 | -74.12 | -13.00 | -61.12 | peak | V |
| 6 | 666.0000 | -81.40 | 10.21 | -71.19 | -13.00 | -58.19 | peak | V |
| 7 | 3196.000 | -69.57 | 14.43 | -55.14 | -13.00 | -42.14 | peak | V |
| 8 | 4816.000 | -75.22 | 19.63 | -55.59 | -13.00 | -42.59 | peak | V |
| 9 | 7228.000 | -75.05 | 25.85 | -49.20 | -13.00 | -36.20 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1860.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 157.0000 | -81.80 | 7.66 | -74.14 | -13.00 | -61.14 | peak | H |
| 2 | 320.5000 | -80.67 | -0.34 | -81.01 | -13.00 | -68.01 | peak | H |
| 3 | 416.0000 | -77.67 | 3.62 | -74.05 | -13.00 | -61.05 | peak | H |
| 4 | 505.5000 | -81.16 | 7.51 | -73.65 | -13.00 | -60.65 | peak | H |
| 5 | 606.0000 | -80.14 | 8.07 | -72.07 | -13.00 | -59.07 | peak | H |
| 6 | 716.5000 | -78.60 | 8.44 | -70.16 | -13.00 | -57.16 | peak | H |
| 7 | 3292.000 | -71.90 | 14.93 | -56.97 | -13.00 | -43.97 | peak | H |
| 8 | 4828.000 | -74.80 | 19.66 | -55.14 | -13.00 | -42.14 | peak | H |
| 9 | 7120.000 | -73.88 | 25.40 | -48.48 | -13.00 | -35.48 | peak | H |
| 1 | 130.5000 | -81.51 | 19.96 | -61.55 | -13.00 | -48.55 | peak | V |
| 2 | 208.0000 | -81.86 | 9.42 | -72.44 | -13.00 | -59.44 | peak | V |
| 3 | 304.5000 | -81.79 | 2.89 | -78.90 | -13.00 | -65.90 | peak | V |
| 4 | 393.5000 | -81.02 | 1.66 | -79.36 | -13.00 | -66.36 | peak | V |
| 5 | 535.5000 | -80.01 | 4.27 | -75.74 | -13.00 | -62.74 | peak | V |
| 6 | 705.5000 | -81.63 | 11.42 | -70.21 | -13.00 | -57.21 | peak | V |
| 7 | 3244.000 | -69.63 | 14.68 | -54.95 | -13.00 | -41.95 | peak | V |
| 8 | 4756.000 | -72.80 | 19.44 | -53.36 | -13.00 | -40.36 | peak | V |
| 9 | 7120.000 | -75.13 | 25.40 | -49.73 | -13.00 | -36.73 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -82.13 | 8.40 | -73.73 | -13.00 | -60.73 | peak | H |
| 2 | 330.0000 | -81.46 | -0.22 | -81.68 | -13.00 | -68.68 | peak | H |
| 3 | 435.0000 | -81.85 | 4.28 | -77.57 | -13.00 | -64.57 | peak | H |
| 4 | 538.0000 | -80.69 | 8.46 | -72.23 | -13.00 | -59.23 | peak | H |
| 5 | 618.5000 | -80.73 | 8.08 | -72.65 | -13.00 | -59.65 | peak | H |
| 6 | 665.5000 | -80.90 | 7.88 | -73.02 | -13.00 | -60.02 | peak | H |
| 7 | 3244.000 | -70.49 | 14.68 | -55.81 | -13.00 | -42.81 | peak | H |
| 8 | 4768.000 | -74.87 | 19.48 | -55.39 | -13.00 | -42.39 | peak | H |
| 9 | 7264.000 | -74.34 | 25.99 | -48.35 | -13.00 | -35.35 | peak | H |
| 1 | 130.5000 | -79.81 | 19.96 | -59.85 | -13.00 | -46.85 | peak | V |
| 2 | 203.5000 | -81.90 | 10.12 | -71.78 | -13.00 | -58.78 | peak | V |
| 3 | 304.0000 | -81.47 | 2.92 | -78.55 | -13.00 | -65.55 | peak | V |
| 4 | 398.0000 | -80.47 | 1.59 | -78.88 | -13.00 | -65.88 | peak | V |
| 5 | 517.5000 | -77.06 | 3.38 | -73.68 | -13.00 | -60.68 | peak | V |
| 6 | 623.0000 | -81.12 | 9.25 | -71.87 | -13.00 | -58.87 | peak | V |
| 7 | 3292.000 | -71.90 | 14.93 | -56.97 | -13.00 | -43.97 | peak | V |
| 8 | 4708.000 | -74.97 | 19.29 | -55.68 | -13.00 | -42.68 | peak | V |
| 9 | 7120.000 | -74.66 | 25.40 | -49.26 | -13.00 | -36.26 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1900.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -82.71 | 8.28 | -74.43 | -13.00 | -61.43 | peak | H |
| 2 | 200.0000 | -81.71 | 3.45 | -78.26 | -13.00 | -65.26 | peak | H |
| 3 | 308.0000 | -80.80 | -1.23 | -82.03 | -13.00 | -69.03 | peak | H |
| 4 | 413.5000 | -80.66 | 3.50 | -77.16 | -13.00 | -64.16 | peak | H |
| 5 | 531.5000 | -80.34 | 8.28 | -72.06 | -13.00 | -59.06 | peak | H |
| 6 | 633.0000 | -80.33 | 7.60 | -72.73 | -13.00 | -59.73 | peak | H |
| 7 | 3268.000 | -71.12 | 14.80 | -56.32 | -13.00 | -43.32 | peak | H |
| 8 | 4768.000 | -74.08 | 19.48 | -54.60 | -13.00 | -41.60 | peak | H |
| 9 | 7168.000 | -75.44 | 25.58 | -49.86 | -13.00 | -36.86 | peak | H |
| 1 | 130.5000 | -82.08 | 19.96 | -62.12 | -13.00 | -49.12 | peak | V |
| 2 | 203.5000 | -82.84 | 10.12 | -72.72 | -13.00 | -59.72 | peak | V |
| 3 | 362.0000 | -80.54 | 2.65 | -77.89 | -13.00 | -64.89 | peak | V |
| 4 | 440.5000 | -77.29 | 1.98 | -75.31 | -13.00 | -62.31 | peak | V |
| 5 | 573.5000 | -81.45 | 5.56 | -75.89 | -13.00 | -62.89 | peak | V |
| 6 | 689.5000 | -79.87 | 10.83 | -69.04 | -13.00 | -56.04 | peak | V |
| 7 | 3268.000 | -69.98 | 14.80 | -55.18 | -13.00 | -42.18 | peak | V |
| 8 | 4768.000 | -73.39 | 19.48 | -53.91 | -13.00 | -40.91 | peak | V |
| 9 | 7228.000 | -74.63 | 25.85 | -48.78 | -13.00 | -35.78 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 135.5000 | -73.14 | 1.82 | -71.32 | -13.00 | -58.32 | peak | H |
| 2 | 207.0000 | -81.95 | 1.60 | -80.35 | -13.00 | -67.35 | peak | H |
| 3 | 353.5000 | -81.76 | 0.18 | -81.58 | -13.00 | -68.58 | peak | H |
| 4 | 494.5000 | -81.46 | 7.03 | -74.43 | -13.00 | -61.43 | peak | H |
| 5 | 597.5000 | -79.18 | 8.03 | -71.15 | -13.00 | -58.15 | peak | H |
| 6 | 688.5000 | -79.95 | 7.95 | -72.00 | -13.00 | -59.00 | peak | H |
| 7 | 3172.000 | -69.46 | 14.30 | -55.16 | -13.00 | -42.16 | peak | H |
| 8 | 4732.000 | -74.40 | 19.36 | -55.04 | -13.00 | -42.04 | peak | H |
| 9 | 7168.000 | -75.61 | 25.58 | -50.03 | -13.00 | -37.03 | peak | H |
| 1 | 132.0000 | -80.52 | 19.38 | -61.14 | -13.00 | -48.14 | peak | V |
| 2 | 213.0000 | -81.33 | 8.11 | -73.22 | -13.00 | -60.22 | peak | V |
| 3 | 313.0000 | -80.76 | 2.18 | -78.58 | -13.00 | -65.58 | peak | V |
| 4 | 433.5000 | -81.25 | 1.90 | -79.35 | -13.00 | -66.35 | peak | V |
| 5 | 537.0000 | -80.73 | 4.34 | -76.39 | -13.00 | -63.39 | peak | V |
| 6 | 673.5000 | -79.72 | 10.35 | -69.37 | -13.00 | -56.37 | peak | V |
| 7 | 3244.000 | -70.51 | 14.68 | -55.83 | -13.00 | -42.83 | peak | V |
| 8 | 4864.000 | -73.29 | 19.77 | -53.52 | -13.00 | -40.52 | peak | V |
| 9 | 7276.000 | -75.59 | 26.04 | -49.55 | -13.00 | -36.55 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 134.5000 | -72.83 | 1.67 | -71.16 | -13.00 | -58.16 | peak | H |
| 2 | 204.0000 | -82.50 | 2.40 | -80.10 | -13.00 | -67.10 | peak | H |
| 3 | 330.5000 | -80.86 | -0.22 | -81.08 | -13.00 | -68.08 | peak | H |
| 4 | 439.5000 | -81.68 | 4.40 | -77.28 | -13.00 | -64.28 | peak | H |
| 5 | 517.5000 | -79.68 | 7.88 | -71.80 | -13.00 | -58.80 | peak | H |
| 6 | 622.0000 | -80.08 | 7.99 | -72.09 | -13.00 | -59.09 | peak | H |
| 7 | 3184.000 | -71.35 | 14.37 | -56.98 | -13.00 | -43.98 | peak | H |
| 8 | 4768.000 | -73.22 | 19.48 | -53.74 | -13.00 | -40.74 | peak | H |
| 9 | 7168.000 | -75.05 | 25.58 | -49.47 | -13.00 | -36.47 | peak | H |
| 1 | 132.5000 | -82.31 | 19.17 | -63.14 | -13.00 | -50.14 | peak | V |
| 2 | 212.0000 | -80.57 | 8.45 | -72.12 | -13.00 | -59.12 | peak | V |
| 3 | 314.0000 | -81.84 | 2.11 | -79.73 | -13.00 | -66.73 | peak | V |
| 4 | 476.5000 | -81.00 | 2.71 | -78.29 | -13.00 | -65.29 | peak | V |
| 5 | 583.5000 | -80.00 | 6.31 | -73.69 | -13.00 | -60.69 | peak | V |
| 6 | 689.5000 | -80.46 | 10.83 | -69.63 | -13.00 | -56.63 | peak | V |
| 7 | 3316.000 | -71.22 | 15.05 | -56.17 | -13.00 | -43.17 | peak | V |
| 8 | 4804.000 | -73.47 | 19.59 | -53.88 | -13.00 | -40.88 | peak | V |
| 9 | 7132.000 | -75.33 | 25.45 | -49.88 | -13.00 | -36.88 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 135.0000 | -75.66 | 1.74 | -73.92 | -13.00 | -60.92 | peak | H |
| 2 | 201.0000 | -83.50 | 3.19 | -80.31 | -13.00 | -67.31 | peak | H |
| 3 | 360.5000 | -80.55 | 0.37 | -80.18 | -13.00 | -67.18 | peak | H |
| 4 | 506.5000 | -80.73 | 7.56 | -73.17 | -13.00 | -60.17 | peak | H |
| 5 | 617.0000 | -81.38 | 8.07 | -73.31 | -13.00 | -60.31 | peak | H |
| 6 | 676.0000 | -81.22 | 7.91 | -73.31 | -13.00 | -60.31 | peak | H |
| 7 | 3328.000 | -70.45 | 15.12 | -55.33 | -13.00 | -42.33 | peak | H |
| 8 | 4768.000 | -73.85 | 19.48 | -54.37 | -13.00 | -41.37 | peak | H |
| 9 | 7132.000 | -74.67 | 25.45 | -49.22 | -13.00 | -36.22 | peak | H |
| 1 | 135.0000 | -79.14 | 18.18 | -60.96 | -13.00 | -47.96 | peak | V |
| 2 | 202.5000 | -81.35 | 10.27 | -71.08 | -13.00 | -58.08 | peak | V |
| 3 | 291.5000 | -81.71 | 2.54 | -79.17 | -13.00 | -66.17 | peak | V |
| 4 | 366.5000 | -81.37 | 2.47 | -78.90 | -13.00 | -65.90 | peak | V |
| 5 | 541.0000 | -80.99 | 4.52 | -76.47 | -13.00 | -63.47 | peak | V |
| 6 | 680.0000 | -81.57 | 10.46 | -71.11 | -13.00 | -58.11 | peak | V |
| 7 | 3292.000 | -71.45 | 14.93 | -56.52 | -13.00 | -43.52 | peak | V |
| 8 | 4708.000 | -73.37 | 19.29 | -54.08 | -13.00 | -41.08 | peak | V |
| 9 | 7132.000 | -74.54 | 25.45 | -49.09 | -13.00 | -36.09 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.5000 | -82.54 | 7.94 | -74.60 | -13.00 | -61.60 | peak | H |
| 2 | 326.5000 | -80.38 | -0.26 | -80.64 | -13.00 | -67.64 | peak | H |
| 3 | 455.5000 | -79.40 | 4.99 | -74.41 | -13.00 | -61.41 | peak | H |
| 4 | 538.0000 | -80.44 | 8.46 | -71.98 | -13.00 | -58.98 | peak | H |
| 5 | 631.0000 | -80.19 | 7.68 | -72.51 | -13.00 | -59.51 | peak | H |
| 6 | 716.5000 | -78.40 | 8.44 | -69.96 | -13.00 | -56.96 | peak | H |
| 7 | 3232.000 | -70.64 | 14.62 | -56.02 | -13.00 | -43.02 | peak | H |
| 8 | 4756.000 | -73.23 | 19.44 | -53.79 | -13.00 | -40.79 | peak | H |
| 9 | 7204.000 | -72.75 | 25.75 | -47.00 | -13.00 | -34.00 | peak | H |
| 1 | 130.0000 | -80.01 | 20.16 | -59.85 | -13.00 | -46.85 | peak | V |
| 2 | 203.5000 | -81.34 | 10.12 | -71.22 | -13.00 | -58.22 | peak | V |
| 3 | 307.0000 | -80.65 | 2.68 | -77.97 | -13.00 | -64.97 | peak | V |
| 4 | 440.0000 | -79.89 | 1.96 | -77.93 | -13.00 | -64.93 | peak | V |
| 5 | 585.0000 | -80.64 | 6.42 | -74.22 | -13.00 | -61.22 | peak | V |
| 6 | 703.5000 | -81.20 | 11.35 | -69.85 | -13.00 | -56.85 | peak | V |
| 7 | 3316.000 | -69.01 | 15.05 | -53.96 | -13.00 | -40.96 | peak | V |
| 8 | 4684.000 | -74.69 | 19.21 | -55.48 | -13.00 | -42.48 | peak | V |
| 9 | 7168.000 | -74.22 | 25.58 | -48.64 | -13.00 | -35.64 | peak | V |

| | | | |
|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.0000 | -81.98 | 8.16 | -73.82 | -13.00 | -60.82 | peak | H |
| 2 | 203.5000 | -81.90 | 2.53 | -79.37 | -13.00 | -66.37 | peak | H |
| 3 | 345.0000 | -82.10 | -0.02 | -82.12 | -13.00 | -69.12 | peak | H |
| 4 | 492.0000 | -81.71 | 6.88 | -74.83 | -13.00 | -61.83 | peak | H |
| 5 | 615.5000 | -79.78 | 8.07 | -71.71 | -13.00 | -58.71 | peak | H |
| 6 | 678.5000 | -80.65 | 7.92 | -72.73 | -13.00 | -59.73 | peak | H |
| 7 | 3316.000 | -69.83 | 15.05 | -54.78 | -13.00 | -41.78 | peak | H |
| 8 | 4756.000 | -72.87 | 19.44 | -53.43 | -13.00 | -40.43 | peak | H |
| 9 | 7168.000 | -74.30 | 25.58 | -48.72 | -13.00 | -35.72 | peak | H |
| 1 | 130.0000 | -81.87 | 20.16 | -61.71 | -13.00 | -48.71 | peak | V |
| 2 | 202.5000 | -80.25 | 10.27 | -69.98 | -13.00 | -56.98 | peak | V |
| 3 | 292.0000 | -81.92 | 2.59 | -79.33 | -13.00 | -66.33 | peak | V |
| 4 | 420.0000 | -81.73 | 1.75 | -79.98 | -13.00 | -66.98 | peak | V |
| 5 | 579.0000 | -80.60 | 5.96 | -74.64 | -13.00 | -61.64 | peak | V |
| 6 | 670.0000 | -79.06 | 10.30 | -68.76 | -13.00 | -55.76 | peak | V |
| 7 | 3244.000 | -70.77 | 14.68 | -56.09 | -13.00 | -43.09 | peak | V |
| 8 | 4708.000 | -73.99 | 19.29 | -54.70 | -13.00 | -41.70 | peak | V |
| 9 | 7228.000 | -74.74 | 25.85 | -48.89 | -13.00 | -35.89 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 24 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 2 | Date: | 04/29/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1880.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 134.5000 | -77.36 | 1.67 | -75.69 | -13.00 | -62.69 | peak | H |
| 2 | 341.0000 | -81.07 | -0.12 | -81.19 | -13.00 | -68.19 | peak | H |
| 3 | 429.0000 | -81.59 | 4.11 | -77.48 | -13.00 | -64.48 | peak | H |
| 4 | 530.0000 | -79.96 | 8.24 | -71.72 | -13.00 | -58.72 | peak | H |
| 5 | 624.5000 | -79.83 | 7.93 | -71.90 | -13.00 | -58.90 | peak | H |
| 6 | 711.0000 | -80.79 | 8.29 | -72.50 | -13.00 | -59.50 | peak | H |
| 7 | 3268.000 | -70.05 | 14.80 | -55.25 | -13.00 | -42.25 | peak | H |
| 8 | 4864.000 | -73.82 | 19.77 | -54.05 | -13.00 | -41.05 | peak | H |
| 9 | 7204.000 | -75.36 | 25.75 | -49.61 | -13.00 | -36.61 | peak | H |
| 1 | 130.5000 | -81.78 | 19.96 | -61.82 | -13.00 | -48.82 | peak | V |
| 2 | 204.5000 | -82.41 | 9.97 | -72.44 | -13.00 | -59.44 | peak | V |
| 3 | 301.5000 | -82.30 | 3.14 | -79.16 | -13.00 | -66.16 | peak | V |
| 4 | 406.5000 | -81.19 | 1.61 | -79.58 | -13.00 | -66.58 | peak | V |
| 5 | 532.5000 | -80.46 | 4.10 | -76.36 | -13.00 | -63.36 | peak | V |
| 6 | 691.0000 | -79.58 | 10.89 | -68.69 | -13.00 | -55.69 | peak | V |
| 7 | 3292.000 | -71.86 | 14.93 | -56.93 | -13.00 | -43.93 | peak | V |
| 8 | 4756.000 | -74.36 | 19.44 | -54.92 | -13.00 | -41.92 | peak | V |
| 9 | 7168.000 | -74.59 | 25.58 | -49.01 | -13.00 | -36.01 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1710.7 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -81.87 | 8.28 | -73.59 | -13.00 | -60.59 | peak | H |
| 2 | 325.0000 | -82.47 | -0.26 | -82.73 | -13.00 | -69.73 | peak | H |
| 3 | 454.0000 | -79.81 | 4.93 | -74.88 | -13.00 | -61.88 | peak | H |
| 4 | 538.0000 | -79.40 | 8.46 | -70.94 | -13.00 | -57.94 | peak | H |
| 5 | 600.0000 | -79.96 | 8.07 | -71.89 | -13.00 | -58.89 | peak | H |
| 6 | 696.5000 | -80.90 | 7.98 | -72.92 | -13.00 | -59.92 | peak | H |
| 7 | 3292.000 | -72.66 | 14.93 | -57.73 | -13.00 | -44.73 | peak | H |
| 8 | 4780.000 | -75.09 | 19.52 | -55.57 | -13.00 | -42.57 | peak | H |
| 9 | 7204.000 | -74.91 | 25.75 | -49.16 | -13.00 | -36.16 | peak | H |
| 1 | 130.0000 | -82.17 | 20.16 | -62.01 | -13.00 | -49.01 | peak | V |
| 2 | 208.5000 | -81.84 | 9.35 | -72.49 | -13.00 | -59.49 | peak | V |
| 3 | 309.0000 | -82.51 | 2.52 | -79.99 | -13.00 | -66.99 | peak | V |
| 4 | 493.5000 | -81.53 | 3.04 | -78.49 | -13.00 | -65.49 | peak | V |
| 5 | 599.5000 | -80.57 | 7.55 | -73.02 | -13.00 | -60.02 | peak | V |
| 6 | 667.0000 | -80.13 | 10.23 | -69.90 | -13.00 | -56.90 | peak | V |
| 7 | 3328.000 | -70.56 | 15.12 | -55.44 | -13.00 | -42.44 | peak | V |
| 8 | 4804.000 | -75.30 | 19.59 | -55.71 | -13.00 | -42.71 | peak | V |
| 9 | 7180.000 | -75.07 | 25.64 | -49.43 | -13.00 | -36.43 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1732.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -83.48 | 8.28 | -75.20 | -13.00 | -62.20 | peak | H |
| 2 | 274.0000 | -81.13 | -3.87 | -85.00 | -13.00 | -72.00 | peak | H |
| 3 | 389.0000 | -81.09 | 1.82 | -79.27 | -13.00 | -66.27 | peak | H |
| 4 | 512.5000 | -81.22 | 7.73 | -73.49 | -13.00 | -60.49 | peak | H |
| 5 | 635.0000 | -79.95 | 7.53 | -72.42 | -13.00 | -59.42 | peak | H |
| 6 | 751.0000 | -81.39 | 9.63 | -71.76 | -13.00 | -58.76 | peak | H |
| 7 | 3316.000 | -71.02 | 15.05 | -55.97 | -13.00 | -42.97 | peak | H |
| 8 | 4780.000 | -74.46 | 19.52 | -54.94 | -13.00 | -41.94 | peak | H |
| 9 | 7168.000 | -74.63 | 25.58 | -49.05 | -13.00 | -36.05 | peak | H |
| 1 | 132.5000 | -82.17 | 19.17 | -63.00 | -13.00 | -50.00 | peak | V |
| 2 | 206.0000 | -80.17 | 9.73 | -70.44 | -13.00 | -57.44 | peak | V |
| 3 | 305.0000 | -81.32 | 2.85 | -78.47 | -13.00 | -65.47 | peak | V |
| 4 | 393.5000 | -80.14 | 1.66 | -78.48 | -13.00 | -65.48 | peak | V |
| 5 | 607.5000 | -81.71 | 8.21 | -73.50 | -13.00 | -60.50 | peak | V |
| 6 | 706.5000 | -80.24 | 11.46 | -68.78 | -13.00 | -55.78 | peak | V |
| 7 | 3316.000 | -72.13 | 15.05 | -57.08 | -13.00 | -44.08 | peak | V |
| 8 | 4756.000 | -74.27 | 19.44 | -54.83 | -13.00 | -41.83 | peak | V |
| 9 | 7252.000 | -74.88 | 25.95 | -48.93 | -13.00 | -35.93 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1754.3 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 135.0000 | -76.62 | 1.74 | -74.88 | -13.00 | -61.88 | peak | H |
| 2 | 299.5000 | -79.49 | -1.86 | -81.35 | -13.00 | -68.35 | peak | H |
| 3 | 383.5000 | -81.37 | 1.33 | -80.04 | -13.00 | -67.04 | peak | H |
| 4 | 485.5000 | -81.17 | 6.50 | -74.67 | -13.00 | -61.67 | peak | H |
| 5 | 612.5000 | -79.35 | 8.08 | -71.27 | -13.00 | -58.27 | peak | H |
| 6 | 720.0000 | -80.64 | 8.53 | -72.11 | -13.00 | -59.11 | peak | H |
| 7 | 3268.000 | -70.86 | 14.80 | -56.06 | -13.00 | -43.06 | peak | H |
| 8 | 4780.000 | -73.58 | 19.52 | -54.06 | -13.00 | -41.06 | peak | H |
| 9 | 7204.000 | -75.69 | 25.75 | -49.94 | -13.00 | -36.94 | peak | H |
| 1 | 131.0000 | -82.52 | 19.76 | -62.76 | -13.00 | -49.76 | peak | V |
| 2 | 202.5000 | -81.29 | 10.27 | -71.02 | -13.00 | -58.02 | peak | V |
| 3 | 294.5000 | -82.26 | 2.80 | -79.46 | -13.00 | -66.46 | peak | V |
| 4 | 447.0000 | -81.21 | 2.08 | -79.13 | -13.00 | -66.13 | peak | V |
| 5 | 609.0000 | -81.46 | 8.34 | -73.12 | -13.00 | -60.12 | peak | V |
| 6 | 689.0000 | -80.06 | 10.82 | -69.24 | -13.00 | -56.24 | peak | V |
| 7 | 3280.000 | -70.51 | 14.86 | -55.65 | -13.00 | -42.65 | peak | V |
| 8 | 4756.000 | -73.39 | 19.44 | -53.95 | -13.00 | -40.95 | peak | V |
| 9 | 7204.000 | -75.16 | 25.75 | -49.41 | -13.00 | -36.41 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1711.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -79.66 | 8.28 | -71.38 | -13.00 | -58.38 | peak | H |
| 2 | 207.0000 | -81.54 | 1.60 | -79.94 | -13.00 | -66.94 | peak | H |
| 3 | 364.5000 | -80.33 | 0.51 | -79.82 | -13.00 | -66.82 | peak | H |
| 4 | 502.5000 | -80.90 | 7.43 | -73.47 | -13.00 | -60.47 | peak | H |
| 5 | 612.0000 | -80.47 | 8.06 | -72.41 | -13.00 | -59.41 | peak | H |
| 6 | 774.0000 | -81.40 | 10.68 | -70.72 | -13.00 | -57.72 | peak | H |
| 7 | 3232.000 | -70.76 | 14.62 | -56.14 | -13.00 | -43.14 | peak | H |
| 8 | 4756.000 | -74.17 | 19.44 | -54.73 | -13.00 | -41.73 | peak | H |
| 9 | 7228.000 | -74.92 | 25.85 | -49.07 | -13.00 | -36.07 | peak | H |
| 1 | 130.0000 | -82.11 | 20.16 | -61.95 | -13.00 | -48.95 | peak | V |
| 2 | 204.0000 | -81.58 | 10.04 | -71.54 | -13.00 | -58.54 | peak | V |
| 3 | 303.5000 | -82.12 | 2.96 | -79.16 | -13.00 | -66.16 | peak | V |
| 4 | 464.0000 | -80.82 | 2.34 | -78.48 | -13.00 | -65.48 | peak | V |
| 5 | 567.0000 | -80.47 | 5.09 | -75.38 | -13.00 | -62.38 | peak | V |
| 6 | 720.0000 | -79.44 | 11.90 | -67.54 | -13.00 | -54.54 | peak | V |
| 7 | 3232.000 | -70.54 | 14.62 | -55.92 | -13.00 | -42.92 | peak | V |
| 8 | 4780.000 | -74.85 | 19.52 | -55.33 | -13.00 | -42.33 | peak | V |
| 9 | 7168.000 | -74.56 | 25.58 | -48.98 | -13.00 | -35.98 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 161.5000 | -82.13 | 7.01 | -75.12 | -13.00 | -62.12 | peak | H |
| 2 | 350.5000 | -80.05 | 0.11 | -79.94 | -13.00 | -66.94 | peak | H |
| 3 | 475.5000 | -80.82 | 5.93 | -74.89 | -13.00 | -61.89 | peak | H |
| 4 | 562.5000 | -79.99 | 7.98 | -72.01 | -13.00 | -59.01 | peak | H |
| 5 | 647.0000 | -78.93 | 7.51 | -71.42 | -13.00 | -58.42 | peak | H |
| 6 | 771.5000 | -81.84 | 10.55 | -71.29 | -13.00 | -58.29 | peak | H |
| 7 | 3196.000 | -70.48 | 14.43 | -56.05 | -13.00 | -43.05 | peak | H |
| 8 | 4852.000 | -74.57 | 19.74 | -54.83 | -13.00 | -41.83 | peak | H |
| 9 | 7180.000 | -74.19 | 25.64 | -48.55 | -13.00 | -35.55 | peak | H |
| 1 | 132.0000 | -81.65 | 19.38 | -62.27 | -13.00 | -49.27 | peak | V |
| 2 | 200.0000 | -82.73 | 10.65 | -72.08 | -13.00 | -59.08 | peak | V |
| 3 | 360.0000 | -81.17 | 2.73 | -78.44 | -13.00 | -65.44 | peak | V |
| 4 | 532.5000 | -81.42 | 4.10 | -77.32 | -13.00 | -64.32 | peak | V |
| 5 | 639.5000 | -79.99 | 9.15 | -70.84 | -13.00 | -57.84 | peak | V |
| 6 | 728.0000 | -79.90 | 11.75 | -68.15 | -13.00 | -55.15 | peak | V |
| 7 | 3196.000 | -70.90 | 14.43 | -56.47 | -13.00 | -43.47 | peak | V |
| 8 | 4768.000 | -74.40 | 19.48 | -54.92 | -13.00 | -41.92 | peak | V |
| 9 | 7120.000 | -75.47 | 25.40 | -50.07 | -13.00 | -37.07 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1753.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -81.50 | 8.28 | -73.22 | -13.00 | -60.22 | peak | H |
| 2 | 201.0000 | -82.67 | 3.19 | -79.48 | -13.00 | -66.48 | peak | H |
| 3 | 324.0000 | -82.19 | -0.29 | -82.48 | -13.00 | -69.48 | peak | H |
| 4 | 440.5000 | -78.62 | 4.44 | -74.18 | -13.00 | -61.18 | peak | H |
| 5 | 554.0000 | -80.41 | 8.17 | -72.24 | -13.00 | -59.24 | peak | H |
| 6 | 708.0000 | -80.92 | 8.22 | -72.70 | -13.00 | -59.70 | peak | H |
| 7 | 3244.000 | -70.98 | 14.68 | -56.30 | -13.00 | -43.30 | peak | H |
| 8 | 4768.000 | -74.71 | 19.48 | -55.23 | -13.00 | -42.23 | peak | H |
| 9 | 7156.000 | -74.57 | 25.54 | -49.03 | -13.00 | -36.03 | peak | H |
| 1 | 131.5000 | -81.74 | 19.57 | -62.17 | -13.00 | -49.17 | peak | V |
| 2 | 200.0000 | -82.50 | 10.65 | -71.85 | -13.00 | -58.85 | peak | V |
| 3 | 292.0000 | -81.36 | 2.59 | -78.77 | -13.00 | -65.77 | peak | V |
| 4 | 428.5000 | -80.32 | 1.85 | -78.47 | -13.00 | -65.47 | peak | V |
| 5 | 556.5000 | -80.41 | 4.57 | -75.84 | -13.00 | -62.84 | peak | V |
| 6 | 694.0000 | -80.85 | 11.01 | -69.84 | -13.00 | -56.84 | peak | V |
| 7 | 3268.000 | -70.66 | 14.80 | -55.86 | -13.00 | -42.86 | peak | V |
| 8 | 4756.000 | -73.64 | 19.44 | -54.20 | -13.00 | -41.20 | peak | V |
| 9 | 7132.000 | -75.55 | 25.45 | -50.10 | -13.00 | -37.10 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1712.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 161.0000 | -82.83 | 7.47 | -75.36 | -13.00 | -62.36 | peak | H |
| 2 | 203.5000 | -82.08 | 2.53 | -79.55 | -13.00 | -66.55 | peak | H |
| 3 | 316.0000 | -81.54 | -0.65 | -82.19 | -13.00 | -69.19 | peak | H |
| 4 | 432.0000 | -80.88 | 4.20 | -76.68 | -13.00 | -63.68 | peak | H |
| 5 | 563.0000 | -80.15 | 7.98 | -72.17 | -13.00 | -59.17 | peak | H |
| 6 | 660.0000 | -80.79 | 7.87 | -72.92 | -13.00 | -59.92 | peak | H |
| 7 | 3280.000 | -71.91 | 14.86 | -57.05 | -13.00 | -44.05 | peak | H |
| 8 | 4720.000 | -74.31 | 19.32 | -54.99 | -13.00 | -41.99 | peak | H |
| 9 | 7156.000 | -73.12 | 25.54 | -47.58 | -13.00 | -34.58 | peak | H |
| 1 | 132.5000 | -80.46 | 19.17 | -61.29 | -13.00 | -48.29 | peak | V |
| 2 | 200.5000 | -82.47 | 10.57 | -71.90 | -13.00 | -58.90 | peak | V |
| 3 | 345.5000 | -81.58 | 1.91 | -79.67 | -13.00 | -66.67 | peak | V |
| 4 | 486.0000 | -80.39 | 2.93 | -77.46 | -13.00 | -64.46 | peak | V |
| 5 | 659.5000 | -81.36 | 10.08 | -71.28 | -13.00 | -58.28 | peak | V |
| 6 | 757.5000 | -81.05 | 11.81 | -69.24 | -13.00 | -56.24 | peak | V |
| 7 | 3280.000 | -70.44 | 14.86 | -55.58 | -13.00 | -42.58 | peak | V |
| 8 | 4768.000 | -74.20 | 19.48 | -54.72 | -13.00 | -41.72 | peak | V |
| 9 | 7108.000 | -74.60 | 25.35 | -49.25 | -13.00 | -36.25 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 158.5000 | -82.95 | 8.03 | -74.92 | -13.00 | -61.92 | peak | H |
| 2 | 340.5000 | -81.07 | -0.12 | -81.19 | -13.00 | -68.19 | peak | H |
| 3 | 449.0000 | -79.49 | 4.78 | -74.71 | -13.00 | -61.71 | peak | H |
| 4 | 514.5000 | -77.71 | 7.78 | -69.93 | -13.00 | -56.93 | peak | H |
| 5 | 676.0000 | -80.86 | 7.91 | -72.95 | -13.00 | -59.95 | peak | H |
| 6 | 784.0000 | -80.10 | 11.12 | -68.98 | -13.00 | -55.98 | peak | H |
| 7 | 3292.000 | -70.43 | 14.93 | -55.50 | -13.00 | -42.50 | peak | H |
| 8 | 4768.000 | -73.06 | 19.48 | -53.58 | -13.00 | -40.58 | peak | H |
| 9 | 7252.000 | -74.09 | 25.95 | -48.14 | -13.00 | -35.14 | peak | H |
| 1 | 129.0000 | -81.46 | 18.96 | -62.50 | -13.00 | -49.50 | peak | V |
| 2 | 200.5000 | -81.87 | 10.57 | -71.30 | -13.00 | -58.30 | peak | V |
| 3 | 303.5000 | -81.03 | 2.96 | -78.07 | -13.00 | -65.07 | peak | V |
| 4 | 439.5000 | -80.52 | 1.96 | -78.56 | -13.00 | -65.56 | peak | V |
| 5 | 572.0000 | -79.28 | 5.45 | -73.83 | -13.00 | -60.83 | peak | V |
| 6 | 754.5000 | -79.85 | 11.76 | -68.09 | -13.00 | -55.09 | peak | V |
| 7 | 3280.000 | -70.88 | 14.86 | -56.02 | -13.00 | -43.02 | peak | V |
| 8 | 4780.000 | -74.11 | 19.52 | -54.59 | -13.00 | -41.59 | peak | V |
| 9 | 7156.000 | -72.64 | 25.54 | -47.10 | -13.00 | -34.10 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1752.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -82.51 | 8.28 | -74.23 | -13.00 | -61.23 | peak | H |
| 2 | 199.5000 | -82.12 | 3.05 | -79.07 | -13.00 | -66.07 | peak | H |
| 3 | 303.0000 | -81.33 | -1.59 | -82.92 | -13.00 | -69.92 | peak | H |
| 4 | 431.5000 | -81.37 | 4.17 | -77.20 | -13.00 | -64.20 | peak | H |
| 5 | 525.0000 | -79.88 | 8.10 | -71.78 | -13.00 | -58.78 | peak | H |
| 6 | 655.0000 | -80.25 | 7.72 | -72.53 | -13.00 | -59.53 | peak | H |
| 7 | 3196.000 | -71.59 | 14.43 | -57.16 | -13.00 | -44.16 | peak | H |
| 8 | 4756.000 | -74.00 | 19.44 | -54.56 | -13.00 | -41.56 | peak | H |
| 9 | 7216.000 | -75.75 | 25.79 | -49.96 | -13.00 | -36.96 | peak | H |
| 1 | 130.5000 | -83.24 | 19.96 | -63.28 | -13.00 | -50.28 | peak | V |
| 2 | 202.0000 | -82.07 | 10.35 | -71.72 | -13.00 | -58.72 | peak | V |
| 3 | 302.0000 | -81.02 | 3.10 | -77.92 | -13.00 | -64.92 | peak | V |
| 4 | 437.0000 | -80.09 | 1.93 | -78.16 | -13.00 | -65.16 | peak | V |
| 5 | 574.0000 | -80.76 | 5.59 | -75.17 | -13.00 | -62.17 | peak | V |
| 6 | 704.0000 | -81.84 | 11.36 | -70.48 | -13.00 | -57.48 | peak | V |
| 7 | 3232.000 | -69.95 | 14.62 | -55.33 | -13.00 | -42.33 | peak | V |
| 8 | 4732.000 | -75.00 | 19.36 | -55.64 | -13.00 | -42.64 | peak | V |
| 9 | 7216.000 | -74.55 | 25.79 | -48.76 | -13.00 | -35.76 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1715.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.5000 | -82.93 | 7.94 | -74.99 | -13.00 | -61.99 | peak | H |
| 2 | 200.0000 | -82.00 | 3.45 | -78.55 | -13.00 | -65.55 | peak | H |
| 3 | 343.0000 | -80.43 | -0.07 | -80.50 | -13.00 | -67.50 | peak | H |
| 4 | 493.0000 | -80.01 | 6.95 | -73.06 | -13.00 | -60.06 | peak | H |
| 5 | 554.0000 | -79.82 | 8.17 | -71.65 | -13.00 | -58.65 | peak | H |
| 6 | 692.0000 | -80.65 | 7.97 | -72.68 | -13.00 | -59.68 | peak | H |
| 7 | 3232.000 | -70.75 | 14.62 | -56.13 | -13.00 | -43.13 | peak | H |
| 8 | 4768.000 | -73.38 | 19.48 | -53.90 | -13.00 | -40.90 | peak | H |
| 9 | 7228.000 | -73.58 | 25.85 | -47.73 | -13.00 | -34.73 | peak | H |
| 1 | 131.5000 | -81.07 | 19.57 | -61.50 | -13.00 | -48.50 | peak | V |
| 2 | 200.5000 | -82.69 | 10.57 | -72.12 | -13.00 | -59.12 | peak | V |
| 3 | 299.0000 | -81.85 | 3.17 | -78.68 | -13.00 | -65.68 | peak | V |
| 4 | 452.5000 | -81.18 | 2.15 | -79.03 | -13.00 | -66.03 | peak | V |
| 5 | 588.5000 | -80.64 | 6.70 | -73.94 | -13.00 | -60.94 | peak | V |
| 6 | 718.5000 | -81.53 | 11.85 | -69.68 | -13.00 | -56.68 | peak | V |
| 7 | 3268.000 | -70.59 | 14.80 | -55.79 | -13.00 | -42.79 | peak | V |
| 8 | 4828.000 | -74.59 | 19.66 | -54.93 | -13.00 | -41.93 | peak | V |
| 9 | 7228.000 | -75.25 | 25.85 | -49.40 | -13.00 | -36.40 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -81.74 | 8.40 | -73.34 | -13.00 | -60.34 | peak | H |
| 2 | 200.0000 | -82.26 | 3.45 | -78.81 | -13.00 | -65.81 | peak | H |
| 3 | 368.5000 | -82.37 | 0.65 | -81.72 | -13.00 | -68.72 | peak | H |
| 4 | 500.5000 | -80.58 | 7.36 | -73.22 | -13.00 | -60.22 | peak | H |
| 5 | 612.5000 | -80.55 | 8.08 | -72.47 | -13.00 | -59.47 | peak | H |
| 6 | 755.0000 | -80.40 | 9.79 | -70.61 | -13.00 | -57.61 | peak | H |
| 7 | 3244.000 | -71.15 | 14.68 | -56.47 | -13.00 | -43.47 | peak | H |
| 8 | 4756.000 | -74.28 | 19.44 | -54.84 | -13.00 | -41.84 | peak | H |
| 9 | 7180.000 | -75.18 | 25.64 | -49.54 | -13.00 | -36.54 | peak | H |
| 1 | 131.5000 | -80.82 | 19.57 | -61.25 | -13.00 | -48.25 | peak | V |
| 2 | 201.0000 | -82.64 | 10.50 | -72.14 | -13.00 | -59.14 | peak | V |
| 3 | 291.5000 | -81.92 | 2.54 | -79.38 | -13.00 | -66.38 | peak | V |
| 4 | 467.5000 | -80.10 | 2.44 | -77.66 | -13.00 | -64.66 | peak | V |
| 5 | 590.5000 | -80.90 | 6.86 | -74.04 | -13.00 | -61.04 | peak | V |
| 6 | 701.5000 | -81.05 | 11.29 | -69.76 | -13.00 | -56.76 | peak | V |
| 7 | 3244.000 | -70.51 | 14.68 | -55.83 | -13.00 | -42.83 | peak | V |
| 8 | 4804.000 | -75.06 | 19.59 | -55.47 | -13.00 | -42.47 | peak | V |
| 9 | 7180.000 | -73.14 | 25.64 | -47.50 | -13.00 | -34.50 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1750.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 156.5000 | -81.82 | 7.53 | -74.29 | -13.00 | -61.29 | peak | H |
| 2 | 205.0000 | -81.26 | 2.14 | -79.12 | -13.00 | -66.12 | peak | H |
| 3 | 319.5000 | -82.44 | -0.39 | -82.83 | -13.00 | -69.83 | peak | H |
| 4 | 420.0000 | -81.57 | 3.84 | -77.73 | -13.00 | -64.73 | peak | H |
| 5 | 514.0000 | -80.65 | 7.77 | -72.88 | -13.00 | -59.88 | peak | H |
| 6 | 687.5000 | -80.63 | 7.95 | -72.68 | -13.00 | -59.68 | peak | H |
| 7 | 3268.000 | -72.01 | 14.80 | -57.21 | -13.00 | -44.21 | peak | H |
| 8 | 4804.000 | -73.84 | 19.59 | -54.25 | -13.00 | -41.25 | peak | H |
| 9 | 7180.000 | -74.13 | 25.64 | -48.49 | -13.00 | -35.49 | peak | H |
| 1 | 131.5000 | -81.60 | 19.57 | -62.03 | -13.00 | -49.03 | peak | V |
| 2 | 201.5000 | -81.87 | 10.42 | -71.45 | -13.00 | -58.45 | peak | V |
| 3 | 342.5000 | -80.94 | 1.75 | -79.19 | -13.00 | -66.19 | peak | V |
| 4 | 530.5000 | -80.33 | 4.00 | -76.33 | -13.00 | -63.33 | peak | V |
| 5 | 668.5000 | -80.54 | 10.26 | -70.28 | -13.00 | -57.28 | peak | V |
| 6 | 713.5000 | -79.93 | 11.70 | -68.23 | -13.00 | -55.23 | peak | V |
| 7 | 3232.000 | -69.96 | 14.62 | -55.34 | -13.00 | -42.34 | peak | V |
| 8 | 4816.000 | -73.83 | 19.63 | -54.20 | -13.00 | -41.20 | peak | V |
| 9 | 7168.000 | -74.18 | 25.58 | -48.60 | -13.00 | -35.60 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1717.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -82.00 | 8.28 | -73.72 | -13.00 | -60.72 | peak | H |
| 2 | 213.0000 | -80.62 | 0.55 | -80.07 | -13.00 | -67.07 | peak | H |
| 3 | 328.5000 | -81.65 | -0.23 | -81.88 | -13.00 | -68.88 | peak | H |
| 4 | 426.5000 | -81.75 | 4.04 | -77.71 | -13.00 | -64.71 | peak | H |
| 5 | 547.0000 | -80.67 | 8.35 | -72.32 | -13.00 | -59.32 | peak | H |
| 6 | 658.5000 | -79.94 | 7.83 | -72.11 | -13.00 | -59.11 | peak | H |
| 7 | 3316.000 | -69.20 | 15.05 | -54.15 | -13.00 | -41.15 | peak | H |
| 8 | 4780.000 | -72.64 | 19.52 | -53.12 | -13.00 | -40.12 | peak | H |
| 9 | 7180.000 | -72.76 | 25.64 | -47.12 | -13.00 | -34.12 | peak | H |
| 1 | 129.5000 | -81.38 | 19.56 | -61.82 | -13.00 | -48.82 | peak | V |
| 2 | 200.5000 | -82.35 | 10.57 | -71.78 | -13.00 | -58.78 | peak | V |
| 3 | 315.5000 | -81.54 | 1.99 | -79.55 | -13.00 | -66.55 | peak | V |
| 4 | 436.0000 | -79.73 | 1.92 | -77.81 | -13.00 | -64.81 | peak | V |
| 5 | 567.0000 | -79.53 | 5.09 | -74.44 | -13.00 | -61.44 | peak | V |
| 6 | 698.0000 | -81.44 | 11.16 | -70.28 | -13.00 | -57.28 | peak | V |
| 7 | 3292.000 | -71.99 | 14.93 | -57.06 | -13.00 | -44.06 | peak | V |
| 8 | 4816.000 | -73.08 | 19.63 | -53.45 | -13.00 | -40.45 | peak | V |
| 9 | 7228.000 | -75.29 | 25.85 | -49.44 | -13.00 | -36.44 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -83.23 | 8.40 | -74.83 | -13.00 | -61.83 | peak | H |
| 2 | 199.5000 | -82.24 | 3.05 | -79.19 | -13.00 | -66.19 | peak | H |
| 3 | 335.5000 | -80.88 | -0.17 | -81.05 | -13.00 | -68.05 | peak | H |
| 4 | 449.5000 | -81.33 | 4.79 | -76.54 | -13.00 | -63.54 | peak | H |
| 5 | 563.5000 | -80.87 | 7.97 | -72.90 | -13.00 | -59.90 | peak | H |
| 6 | 713.0000 | -80.63 | 8.34 | -72.29 | -13.00 | -59.29 | peak | H |
| 7 | 3292.000 | -71.65 | 14.93 | -56.72 | -13.00 | -43.72 | peak | H |
| 8 | 4756.000 | -74.00 | 19.44 | -54.56 | -13.00 | -41.56 | peak | H |
| 9 | 7180.000 | -75.87 | 25.64 | -50.23 | -13.00 | -37.23 | peak | H |
| 1 | 131.5000 | -81.86 | 19.57 | -62.29 | -13.00 | -49.29 | peak | V |
| 2 | 202.5000 | -81.82 | 10.27 | -71.55 | -13.00 | -58.55 | peak | V |
| 3 | 297.5000 | -82.34 | 3.05 | -79.29 | -13.00 | -66.29 | peak | V |
| 4 | 441.0000 | -80.50 | 1.98 | -78.52 | -13.00 | -65.52 | peak | V |
| 5 | 597.5000 | -79.99 | 7.39 | -72.60 | -13.00 | -59.60 | peak | V |
| 6 | 709.0000 | -80.62 | 11.53 | -69.09 | -13.00 | -56.09 | peak | V |
| 7 | 3280.000 | -70.93 | 14.86 | -56.07 | -13.00 | -43.07 | peak | V |
| 8 | 4756.000 | -73.15 | 19.44 | -53.71 | -13.00 | -40.71 | peak | V |
| 9 | 7120.000 | -73.06 | 25.40 | -47.66 | -13.00 | -34.66 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1747.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -82.33 | 8.40 | -73.93 | -13.00 | -60.93 | peak | H |
| 2 | 326.5000 | -81.96 | -0.26 | -82.22 | -13.00 | -69.22 | peak | H |
| 3 | 429.0000 | -81.21 | 4.11 | -77.10 | -13.00 | -64.10 | peak | H |
| 4 | 502.5000 | -79.89 | 7.43 | -72.46 | -13.00 | -59.46 | peak | H |
| 5 | 612.5000 | -80.98 | 8.08 | -72.90 | -13.00 | -59.90 | peak | H |
| 6 | 737.0000 | -81.65 | 9.12 | -72.53 | -13.00 | -59.53 | peak | H |
| 7 | 3268.000 | -69.85 | 14.80 | -55.05 | -13.00 | -42.05 | peak | H |
| 8 | 4804.000 | -72.96 | 19.59 | -53.37 | -13.00 | -40.37 | peak | H |
| 9 | 7228.000 | -74.23 | 25.85 | -48.38 | -13.00 | -35.38 | peak | H |
| 1 | 132.0000 | -81.24 | 19.38 | -61.86 | -13.00 | -48.86 | peak | V |
| 2 | 202.5000 | -82.00 | 10.27 | -71.73 | -13.00 | -58.73 | peak | V |
| 3 | 299.0000 | -82.85 | 3.17 | -79.68 | -13.00 | -66.68 | peak | V |
| 4 | 385.5000 | -80.74 | 1.80 | -78.94 | -13.00 | -65.94 | peak | V |
| 5 | 545.0000 | -80.55 | 4.53 | -76.02 | -13.00 | -63.02 | peak | V |
| 6 | 662.5000 | -80.43 | 10.15 | -70.28 | -13.00 | -57.28 | peak | V |
| 7 | 3316.000 | -70.51 | 15.05 | -55.46 | -13.00 | -42.46 | peak | V |
| 8 | 4828.000 | -72.80 | 19.66 | -53.14 | -13.00 | -40.14 | peak | V |
| 9 | 7180.000 | -75.47 | 25.64 | -49.83 | -13.00 | -36.83 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1720.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -83.56 | 8.40 | -75.16 | -13.00 | -62.16 | peak | H |
| 2 | 201.5000 | -82.46 | 3.06 | -79.40 | -13.00 | -66.40 | peak | H |
| 3 | 343.0000 | -81.57 | -0.07 | -81.64 | -13.00 | -68.64 | peak | H |
| 4 | 457.0000 | -80.52 | 5.02 | -75.50 | -13.00 | -62.50 | peak | H |
| 5 | 549.0000 | -80.55 | 8.29 | -72.26 | -13.00 | -59.26 | peak | H |
| 6 | 668.0000 | -80.63 | 7.90 | -72.73 | -13.00 | -59.73 | peak | H |
| 7 | 3292.000 | -71.74 | 14.93 | -56.81 | -13.00 | -43.81 | peak | H |
| 8 | 4756.000 | -74.35 | 19.44 | -54.91 | -13.00 | -41.91 | peak | H |
| 9 | 7072.000 | -74.86 | 25.20 | -49.66 | -13.00 | -36.66 | peak | H |
| 1 | 130.5000 | -82.70 | 19.96 | -62.74 | -13.00 | -49.74 | peak | V |
| 2 | 204.5000 | -80.75 | 9.97 | -70.78 | -13.00 | -57.78 | peak | V |
| 3 | 358.5000 | -81.55 | 2.64 | -78.91 | -13.00 | -65.91 | peak | V |
| 4 | 459.5000 | -80.27 | 2.22 | -78.05 | -13.00 | -65.05 | peak | V |
| 5 | 630.5000 | -80.80 | 9.21 | -71.59 | -13.00 | -58.59 | peak | V |
| 6 | 703.0000 | -80.37 | 11.34 | -69.03 | -13.00 | -56.03 | peak | V |
| 7 | 3280.000 | -71.46 | 14.86 | -56.60 | -13.00 | -43.60 | peak | V |
| 8 | 4852.000 | -72.72 | 19.74 | -52.98 | -13.00 | -39.98 | peak | V |
| 9 | 7132.000 | -74.20 | 25.45 | -48.75 | -13.00 | -35.75 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.0000 | -83.60 | 8.16 | -75.44 | -13.00 | -62.44 | peak | H |
| 2 | 206.0000 | -79.30 | 1.86 | -77.44 | -13.00 | -64.44 | peak | H |
| 3 | 348.5000 | -82.23 | 0.06 | -82.17 | -13.00 | -69.17 | peak | H |
| 4 | 474.0000 | -80.66 | 5.86 | -74.80 | -13.00 | -61.80 | peak | H |
| 5 | 531.0000 | -80.39 | 8.26 | -72.13 | -13.00 | -59.13 | peak | H |
| 6 | 618.5000 | -80.28 | 8.08 | -72.20 | -13.00 | -59.20 | peak | H |
| 7 | 3292.000 | -72.16 | 14.93 | -57.23 | -13.00 | -44.23 | peak | H |
| 8 | 4852.000 | -72.73 | 19.74 | -52.99 | -13.00 | -39.99 | peak | H |
| 9 | 7228.000 | -75.98 | 25.85 | -50.13 | -13.00 | -37.13 | peak | H |
| 1 | 132.5000 | -81.50 | 19.17 | -62.33 | -13.00 | -49.33 | peak | V |
| 2 | 199.5000 | -80.69 | 10.24 | -70.45 | -13.00 | -57.45 | peak | V |
| 3 | 340.5000 | -81.37 | 1.64 | -79.73 | -13.00 | -66.73 | peak | V |
| 4 | 386.0000 | -79.67 | 1.78 | -77.89 | -13.00 | -64.89 | peak | V |
| 5 | 536.5000 | -79.98 | 4.31 | -75.67 | -13.00 | -62.67 | peak | V |
| 6 | 674.0000 | -80.66 | 10.36 | -70.30 | -13.00 | -57.30 | peak | V |
| 7 | 3268.000 | -69.81 | 14.80 | -55.01 | -13.00 | -42.01 | peak | V |
| 8 | 4768.000 | -73.37 | 19.48 | -53.89 | -13.00 | -40.89 | peak | V |
| 9 | 7204.000 | -72.78 | 25.75 | -47.03 | -13.00 | -34.03 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 1745.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.5000 | -83.02 | 7.94 | -75.08 | -13.00 | -62.08 | peak | H |
| 2 | 203.0000 | -82.63 | 2.67 | -79.96 | -13.00 | -66.96 | peak | H |
| 3 | 338.5000 | -81.26 | -0.14 | -81.40 | -13.00 | -68.40 | peak | H |
| 4 | 449.5000 | -82.07 | 4.79 | -77.28 | -13.00 | -64.28 | peak | H |
| 5 | 535.0000 | -80.76 | 8.37 | -72.39 | -13.00 | -59.39 | peak | H |
| 6 | 635.0000 | -79.73 | 7.53 | -72.20 | -13.00 | -59.20 | peak | H |
| 7 | 3280.000 | -71.21 | 14.86 | -56.35 | -13.00 | -43.35 | peak | H |
| 8 | 4768.000 | -72.54 | 19.48 | -53.06 | -13.00 | -40.06 | peak | H |
| 9 | 7180.000 | -73.24 | 25.64 | -47.60 | -13.00 | -34.60 | peak | H |
| 1 | 131.5000 | -81.52 | 19.57 | -61.95 | -13.00 | -48.95 | peak | V |
| 2 | 203.5000 | -82.66 | 10.12 | -72.54 | -13.00 | -59.54 | peak | V |
| 3 | 309.5000 | -81.78 | 2.48 | -79.30 | -13.00 | -66.30 | peak | V |
| 4 | 436.0000 | -80.45 | 1.92 | -78.53 | -13.00 | -65.53 | peak | V |
| 5 | 620.0000 | -80.81 | 9.25 | -71.56 | -13.00 | -58.56 | peak | V |
| 6 | 712.5000 | -81.30 | 11.66 | -69.64 | -13.00 | -56.64 | peak | V |
| 7 | 3184.000 | -70.08 | 14.37 | -55.71 | -13.00 | -42.71 | peak | V |
| 8 | 4804.000 | -73.63 | 19.59 | -54.04 | -13.00 | -41.04 | peak | V |
| 9 | 7228.000 | -74.71 | 25.85 | -48.86 | -13.00 | -35.86 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 162.5000 | -80.96 | 6.09 | -74.87 | -13.00 | -61.87 | peak | H |
| 2 | 299.5000 | -80.59 | -1.86 | -82.45 | -13.00 | -69.45 | peak | H |
| 3 | 417.0000 | -81.43 | 3.69 | -77.74 | -13.00 | -64.74 | peak | H |
| 4 | 500.5000 | -80.39 | 7.36 | -73.03 | -13.00 | -60.03 | peak | H |
| 5 | 584.0000 | -79.78 | 7.79 | -71.99 | -13.00 | -58.99 | peak | H |
| 6 | 692.5000 | -81.10 | 7.97 | -73.13 | -13.00 | -60.13 | peak | H |
| 7 | 3292.000 | -72.15 | 14.93 | -57.22 | -13.00 | -44.22 | peak | H |
| 8 | 4780.000 | -73.71 | 19.52 | -54.19 | -13.00 | -41.19 | peak | H |
| 9 | 7252.000 | -75.28 | 25.95 | -49.33 | -13.00 | -36.33 | peak | H |
| 1 | 129.5000 | -82.41 | 19.56 | -62.85 | -13.00 | -49.85 | peak | V |
| 2 | 202.5000 | -80.25 | 10.27 | -69.98 | -13.00 | -56.98 | peak | V |
| 3 | 361.5000 | -81.28 | 2.67 | -78.61 | -13.00 | -65.61 | peak | V |
| 4 | 454.0000 | -80.39 | 2.16 | -78.23 | -13.00 | -65.23 | peak | V |
| 5 | 616.5000 | -79.41 | 8.98 | -70.43 | -13.00 | -57.43 | peak | V |
| 6 | 712.0000 | -80.46 | 11.63 | -68.83 | -13.00 | -55.83 | peak | V |
| 7 | 3280.000 | -71.67 | 14.86 | -56.81 | -13.00 | -43.81 | peak | V |
| 8 | 4828.000 | -73.41 | 19.66 | -53.75 | -13.00 | -40.75 | peak | V |
| 9 | 7132.000 | -74.30 | 25.45 | -48.85 | -13.00 | -35.85 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 158.5000 | -81.00 | 8.03 | -72.97 | -13.00 | -59.97 | peak | H |
| 2 | 200.5000 | -82.84 | 3.32 | -79.52 | -13.00 | -66.52 | peak | H |
| 3 | 357.0000 | -81.33 | 0.27 | -81.06 | -13.00 | -68.06 | peak | H |
| 4 | 478.0000 | -80.95 | 6.06 | -74.89 | -13.00 | -61.89 | peak | H |
| 5 | 578.5000 | -79.64 | 7.74 | -71.90 | -13.00 | -58.90 | peak | H |
| 6 | 752.0000 | -80.84 | 9.67 | -71.17 | -13.00 | -58.17 | peak | H |
| 7 | 3220.000 | -71.67 | 14.56 | -57.11 | -13.00 | -44.11 | peak | H |
| 8 | 4768.000 | -74.72 | 19.48 | -55.24 | -13.00 | -42.24 | peak | H |
| 9 | 7132.000 | -75.01 | 25.45 | -49.56 | -13.00 | -36.56 | peak | H |
| 1 | 133.0000 | -80.59 | 18.96 | -61.63 | -13.00 | -48.63 | peak | V |
| 2 | 204.5000 | -81.40 | 9.97 | -71.43 | -13.00 | -58.43 | peak | V |
| 3 | 332.5000 | -80.71 | 1.63 | -79.08 | -13.00 | -66.08 | peak | V |
| 4 | 441.0000 | -80.33 | 1.98 | -78.35 | -13.00 | -65.35 | peak | V |
| 5 | 589.0000 | -81.23 | 6.74 | -74.49 | -13.00 | -61.49 | peak | V |
| 6 | 721.5000 | -81.08 | 11.88 | -69.20 | -13.00 | -56.20 | peak | V |
| 7 | 3268.000 | -69.59 | 14.80 | -54.79 | -13.00 | -41.79 | peak | V |
| 8 | 4828.000 | -73.67 | 19.66 | -54.01 | -13.00 | -41.01 | peak | V |
| 9 | 7132.000 | -74.08 | 25.45 | -48.63 | -13.00 | -35.63 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.0000 | -83.63 | 8.16 | -75.47 | -13.00 | -62.47 | peak | H |
| 2 | 202.0000 | -81.97 | 2.92 | -79.05 | -13.00 | -66.05 | peak | H |
| 3 | 341.5000 | -81.26 | -0.10 | -81.36 | -13.00 | -68.36 | peak | H |
| 4 | 440.0000 | -80.35 | 4.41 | -75.94 | -13.00 | -62.94 | peak | H |
| 5 | 556.0000 | -80.94 | 8.11 | -72.83 | -13.00 | -59.83 | peak | H |
| 6 | 747.0000 | -80.85 | 9.48 | -71.37 | -13.00 | -58.37 | peak | H |
| 7 | 3280.000 | -71.53 | 14.86 | -56.67 | -13.00 | -43.67 | peak | H |
| 8 | 4768.000 | -72.82 | 19.48 | -53.34 | -13.00 | -40.34 | peak | H |
| 9 | 7156.000 | -74.26 | 25.54 | -48.72 | -13.00 | -35.72 | peak | H |
| 1 | 132.5000 | -81.49 | 19.17 | -62.32 | -13.00 | -49.32 | peak | V |
| 2 | 201.0000 | -80.93 | 10.50 | -70.43 | -13.00 | -57.43 | peak | V |
| 3 | 309.5000 | -81.67 | 2.48 | -79.19 | -13.00 | -66.19 | peak | V |
| 4 | 387.0000 | -81.14 | 1.78 | -79.36 | -13.00 | -66.36 | peak | V |
| 5 | 539.0000 | -79.63 | 4.46 | -75.17 | -13.00 | -62.17 | peak | V |
| 6 | 620.0000 | -80.74 | 9.25 | -71.49 | -13.00 | -58.49 | peak | V |
| 7 | 3280.000 | -71.32 | 14.86 | -56.46 | -13.00 | -43.46 | peak | V |
| 8 | 4756.000 | -74.07 | 19.44 | -54.63 | -13.00 | -41.63 | peak | V |
| 9 | 7216.000 | -75.07 | 25.79 | -49.28 | -13.00 | -36.28 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -83.60 | 8.40 | -75.20 | -13.00 | -62.20 | peak | H |
| 2 | 209.0000 | -81.16 | 1.07 | -80.09 | -13.00 | -67.09 | peak | H |
| 3 | 341.5000 | -80.12 | -0.10 | -80.22 | -13.00 | -67.22 | peak | H |
| 4 | 506.5000 | -79.92 | 7.56 | -72.36 | -13.00 | -59.36 | peak | H |
| 5 | 598.5000 | -80.65 | 8.05 | -72.60 | -13.00 | -59.60 | peak | H |
| 6 | 738.0000 | -81.48 | 9.15 | -72.33 | -13.00 | -59.33 | peak | H |
| 7 | 3244.000 | -70.84 | 14.68 | -56.16 | -13.00 | -43.16 | peak | H |
| 8 | 4816.000 | -74.11 | 19.63 | -54.48 | -13.00 | -41.48 | peak | H |
| 9 | 7276.000 | -74.65 | 26.04 | -48.61 | -13.00 | -35.61 | peak | H |
| 1 | 130.5000 | -81.92 | 19.96 | -61.96 | -13.00 | -48.96 | peak | V |
| 2 | 202.0000 | -79.02 | 10.35 | -68.67 | -13.00 | -55.67 | peak | V |
| 3 | 359.5000 | -81.43 | 2.71 | -78.72 | -13.00 | -65.72 | peak | V |
| 4 | 474.5000 | -78.19 | 2.65 | -75.54 | -13.00 | -62.54 | peak | V |
| 5 | 627.0000 | -79.88 | 9.24 | -70.64 | -13.00 | -57.64 | peak | V |
| 6 | 713.5000 | -79.84 | 11.70 | -68.14 | -13.00 | -55.14 | peak | V |
| 7 | 3292.000 | -69.83 | 14.93 | -54.90 | -13.00 | -41.90 | peak | V |
| 8 | 4756.000 | -74.40 | 19.44 | -54.96 | -13.00 | -41.96 | peak | V |
| 9 | 7168.000 | -73.61 | 25.58 | -48.03 | -13.00 | -35.03 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 158.0000 | -82.77 | 7.90 | -74.87 | -13.00 | -61.87 | peak | H |
| 2 | 201.0000 | -83.20 | 3.19 | -80.01 | -13.00 | -67.01 | peak | H |
| 3 | 328.0000 | -81.94 | -0.25 | -82.19 | -13.00 | -69.19 | peak | H |
| 4 | 444.0000 | -80.39 | 4.57 | -75.82 | -13.00 | -62.82 | peak | H |
| 5 | 538.0000 | -79.24 | 8.46 | -70.78 | -13.00 | -57.78 | peak | H |
| 6 | 739.5000 | -81.60 | 9.19 | -72.41 | -13.00 | -59.41 | peak | H |
| 7 | 3220.000 | -71.12 | 14.56 | -56.56 | -13.00 | -43.56 | peak | H |
| 8 | 4756.000 | -72.48 | 19.44 | -53.04 | -13.00 | -40.04 | peak | H |
| 9 | 7168.000 | -74.66 | 25.58 | -49.08 | -13.00 | -36.08 | peak | H |
| 1 | 129.0000 | -81.59 | 18.96 | -62.63 | -13.00 | -49.63 | peak | V |
| 2 | 200.0000 | -83.30 | 10.65 | -72.65 | -13.00 | -59.65 | peak | V |
| 3 | 302.0000 | -82.42 | 3.10 | -79.32 | -13.00 | -66.32 | peak | V |
| 4 | 467.0000 | -80.79 | 2.44 | -78.35 | -13.00 | -65.35 | peak | V |
| 5 | 596.5000 | -81.29 | 7.31 | -73.98 | -13.00 | -60.98 | peak | V |
| 6 | 690.0000 | -80.70 | 10.85 | -69.85 | -13.00 | -56.85 | peak | V |
| 7 | 3268.000 | -70.38 | 14.80 | -55.58 | -13.00 | -42.58 | peak | V |
| 8 | 4804.000 | -73.00 | 19.59 | -53.41 | -13.00 | -40.41 | peak | V |
| 9 | 7132.000 | -74.59 | 25.45 | -49.14 | -13.00 | -36.14 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 4 | Date: | 04/29/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 1732.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -80.85 | 8.28 | -72.57 | -13.00 | -59.57 | peak | H |
| 2 | 206.0000 | -80.48 | 1.86 | -78.62 | -13.00 | -65.62 | peak | H |
| 3 | 345.5000 | -81.78 | -0.01 | -81.79 | -13.00 | -68.79 | peak | H |
| 4 | 485.0000 | -79.67 | 6.47 | -73.20 | -13.00 | -60.20 | peak | H |
| 5 | 552.5000 | -80.81 | 8.20 | -72.61 | -13.00 | -59.61 | peak | H |
| 6 | 676.5000 | -80.69 | 7.92 | -72.77 | -13.00 | -59.77 | peak | H |
| 7 | 3244.000 | -70.63 | 14.68 | -55.95 | -13.00 | -42.95 | peak | H |
| 8 | 4732.000 | -74.90 | 19.36 | -55.54 | -13.00 | -42.54 | peak | H |
| 9 | 7216.000 | -74.47 | 25.79 | -48.68 | -13.00 | -35.68 | peak | H |
| 1 | 130.5000 | -81.97 | 19.96 | -62.01 | -13.00 | -49.01 | peak | V |
| 2 | 204.5000 | -83.02 | 9.97 | -73.05 | -13.00 | -60.05 | peak | V |
| 3 | 303.5000 | -81.12 | 2.96 | -78.16 | -13.00 | -65.16 | peak | V |
| 4 | 412.5000 | -80.77 | 1.69 | -79.08 | -13.00 | -66.08 | peak | V |
| 5 | 586.5000 | -81.22 | 6.54 | -74.68 | -13.00 | -61.68 | peak | V |
| 6 | 719.5000 | -81.12 | 11.89 | -69.23 | -13.00 | -56.23 | peak | V |
| 7 | 3280.000 | -70.77 | 14.86 | -55.91 | -13.00 | -42.91 | peak | V |
| 8 | 4816.000 | -74.40 | 19.63 | -54.77 | -13.00 | -41.77 | peak | V |
| 9 | 7084.000 | -73.92 | 25.25 | -48.67 | -13.00 | -35.67 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 824.7 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -80.48 | 8.40 | -72.08 | -13.00 | -59.08 | peak | H |
| 2 | 200.5000 | -81.43 | 3.32 | -78.11 | -13.00 | -65.11 | peak | H |
| 3 | 321.5000 | -81.68 | -0.33 | -82.01 | -13.00 | -69.01 | peak | H |
| 4 | 423.5000 | -80.78 | 3.95 | -76.83 | -13.00 | -63.83 | peak | H |
| 5 | 518.5000 | -80.05 | 7.91 | -72.14 | -13.00 | -59.14 | peak | H |
| 6 | 646.0000 | -78.97 | 7.50 | -71.47 | -13.00 | -58.47 | peak | H |
| 7 | 3316.000 | -71.16 | 15.05 | -56.11 | -13.00 | -43.11 | peak | H |
| 8 | 4828.000 | -74.54 | 19.66 | -54.88 | -13.00 | -41.88 | peak | H |
| 9 | 7156.000 | -74.97 | 25.54 | -49.43 | -13.00 | -36.43 | peak | H |
| 1 | 131.5000 | -81.15 | 19.57 | -61.58 | -13.00 | -48.58 | peak | V |
| 2 | 202.5000 | -83.10 | 10.27 | -72.83 | -13.00 | -59.83 | peak | V |
| 3 | 301.0000 | -81.25 | 3.18 | -78.07 | -13.00 | -65.07 | peak | V |
| 4 | 451.5000 | -79.56 | 2.15 | -77.41 | -13.00 | -64.41 | peak | V |
| 5 | 613.0000 | -79.80 | 8.67 | -71.13 | -13.00 | -58.13 | peak | V |
| 6 | 749.0000 | -80.13 | 11.66 | -68.47 | -13.00 | -55.47 | peak | V |
| 7 | 3244.000 | -68.95 | 14.68 | -54.27 | -13.00 | -41.27 | peak | V |
| 8 | 4780.000 | -74.43 | 19.52 | -54.91 | -13.00 | -41.91 | peak | V |
| 9 | 7216.000 | -74.59 | 25.79 | -48.80 | -13.00 | -35.80 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 836.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 157.5000 | -82.05 | 7.77 | -74.28 | -13.00 | -61.28 | peak | H |
| 2 | 199.0000 | -82.21 | 2.66 | -79.55 | -13.00 | -66.55 | peak | H |
| 3 | 321.0000 | -81.34 | -0.34 | -81.68 | -13.00 | -68.68 | peak | H |
| 4 | 492.5000 | -79.27 | 6.91 | -72.36 | -13.00 | -59.36 | peak | H |
| 5 | 599.5000 | -79.36 | 8.07 | -71.29 | -13.00 | -58.29 | peak | H |
| 6 | 731.5000 | -80.34 | 8.93 | -71.41 | -13.00 | -58.41 | peak | H |
| 7 | 3280.000 | -71.92 | 14.86 | -57.06 | -13.00 | -44.06 | peak | H |
| 8 | 4768.000 | -74.76 | 19.48 | -55.28 | -13.00 | -42.28 | peak | H |
| 9 | 7204.000 | -75.11 | 25.75 | -49.36 | -13.00 | -36.36 | peak | H |
| 1 | 130.5000 | -80.13 | 19.96 | -60.17 | -13.00 | -47.17 | peak | V |
| 2 | 200.5000 | -81.70 | 10.57 | -71.13 | -13.00 | -58.13 | peak | V |
| 3 | 310.5000 | -81.50 | 2.39 | -79.11 | -13.00 | -66.11 | peak | V |
| 4 | 441.0000 | -80.73 | 1.98 | -78.75 | -13.00 | -65.75 | peak | V |
| 5 | 589.5000 | -81.53 | 6.77 | -74.76 | -13.00 | -61.76 | peak | V |
| 6 | 690.5000 | -79.87 | 10.87 | -69.00 | -13.00 | -56.00 | peak | V |
| 7 | 3244.000 | -71.00 | 14.68 | -56.32 | -13.00 | -43.32 | peak | V |
| 8 | 4804.000 | -74.15 | 19.59 | -54.56 | -13.00 | -41.56 | peak | V |
| 9 | 7300.000 | -76.02 | 26.14 | -49.88 | -13.00 | -36.88 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 848.3 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.5000 | -81.32 | 7.94 | -73.38 | -13.00 | -60.38 | peak | H |
| 2 | 200.0000 | -83.28 | 3.45 | -79.83 | -13.00 | -66.83 | peak | H |
| 3 | 361.0000 | -81.64 | 0.38 | -81.26 | -13.00 | -68.26 | peak | H |
| 4 | 527.5000 | -79.77 | 8.16 | -71.61 | -13.00 | -58.61 | peak | H |
| 5 | 608.5000 | -80.12 | 8.06 | -72.06 | -13.00 | -59.06 | peak | H |
| 6 | 764.0000 | -81.42 | 10.18 | -71.24 | -13.00 | -58.24 | peak | H |
| 7 | 3244.000 | -69.46 | 14.68 | -54.78 | -13.00 | -41.78 | peak | H |
| 8 | 4732.000 | -75.72 | 19.36 | -56.36 | -13.00 | -43.36 | peak | H |
| 9 | 7120.000 | -75.43 | 25.40 | -50.03 | -13.00 | -37.03 | peak | H |
| 1 | 129.0000 | -81.29 | 18.96 | -62.33 | -13.00 | -49.33 | peak | V |
| 2 | 200.5000 | -81.98 | 10.57 | -71.41 | -13.00 | -58.41 | peak | V |
| 3 | 299.5000 | -82.67 | 3.21 | -79.46 | -13.00 | -66.46 | peak | V |
| 4 | 491.5000 | -79.65 | 3.00 | -76.65 | -13.00 | -63.65 | peak | V |
| 5 | 639.5000 | -79.67 | 9.15 | -70.52 | -13.00 | -57.52 | peak | V |
| 6 | 716.5000 | -80.74 | 11.79 | -68.95 | -13.00 | -55.95 | peak | V |
| 7 | 3280.000 | -71.66 | 14.86 | -56.80 | -13.00 | -43.80 | peak | V |
| 8 | 4816.000 | -74.30 | 19.63 | -54.67 | -13.00 | -41.67 | peak | V |
| 9 | 7168.000 | -75.37 | 25.58 | -49.79 | -13.00 | -36.79 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 825.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 161.0000 | -80.86 | 7.47 | -73.39 | -13.00 | -60.39 | peak | H |
| 2 | 204.0000 | -82.62 | 2.40 | -80.22 | -13.00 | -67.22 | peak | H |
| 3 | 340.0000 | -81.82 | -0.14 | -81.96 | -13.00 | -68.96 | peak | H |
| 4 | 458.0000 | -79.17 | 5.06 | -74.11 | -13.00 | -61.11 | peak | H |
| 5 | 559.0000 | -80.76 | 8.04 | -72.72 | -13.00 | -59.72 | peak | H |
| 6 | 672.0000 | -80.92 | 7.90 | -73.02 | -13.00 | -60.02 | peak | H |
| 7 | 3280.000 | -70.43 | 14.86 | -55.57 | -13.00 | -42.57 | peak | H |
| 8 | 4768.000 | -74.38 | 19.48 | -54.90 | -13.00 | -41.90 | peak | H |
| 9 | 7180.000 | -75.62 | 25.64 | -49.98 | -13.00 | -36.98 | peak | H |
| 1 | 129.0000 | -81.08 | 18.96 | -62.12 | -13.00 | -49.12 | peak | V |
| 2 | 200.5000 | -82.34 | 10.57 | -71.77 | -13.00 | -58.77 | peak | V |
| 3 | 323.5000 | -81.13 | 1.63 | -79.50 | -13.00 | -66.50 | peak | V |
| 4 | 441.5000 | -81.19 | 1.98 | -79.21 | -13.00 | -66.21 | peak | V |
| 5 | 506.5000 | -80.08 | 3.22 | -76.86 | -13.00 | -63.86 | peak | V |
| 6 | 665.0000 | -80.84 | 10.19 | -70.65 | -13.00 | -57.65 | peak | V |
| 7 | 3292.000 | -71.69 | 14.93 | -56.76 | -13.00 | -43.76 | peak | V |
| 8 | 4768.000 | -72.26 | 19.48 | -52.78 | -13.00 | -39.78 | peak | V |
| 9 | 7204.000 | -73.85 | 25.75 | -48.10 | -13.00 | -35.10 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 836.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -81.38 | 8.28 | -73.10 | -13.00 | -60.10 | peak | H |
| 2 | 299.0000 | -80.12 | -1.90 | -82.02 | -13.00 | -69.02 | peak | H |
| 3 | 477.5000 | -80.57 | 6.05 | -74.52 | -13.00 | -61.52 | peak | H |
| 4 | 539.5000 | -80.70 | 8.50 | -72.20 | -13.00 | -59.20 | peak | H |
| 5 | 668.5000 | -79.98 | 7.89 | -72.09 | -13.00 | -59.09 | peak | H |
| 6 | 776.0000 | -80.82 | 10.77 | -70.05 | -13.00 | -57.05 | peak | H |
| 7 | 3292.000 | -71.42 | 14.93 | -56.49 | -13.00 | -43.49 | peak | H |
| 8 | 4768.000 | -73.44 | 19.48 | -53.96 | -13.00 | -40.96 | peak | H |
| 9 | 7132.000 | -75.04 | 25.45 | -49.59 | -13.00 | -36.59 | peak | H |
| 1 | 131.0000 | -81.70 | 19.76 | -61.94 | -13.00 | -48.94 | peak | V |
| 2 | 200.5000 | -81.50 | 10.57 | -70.93 | -13.00 | -57.93 | peak | V |
| 3 | 307.5000 | -81.73 | 2.64 | -79.09 | -13.00 | -66.09 | peak | V |
| 4 | 446.5000 | -78.67 | 2.07 | -76.60 | -13.00 | -63.60 | peak | V |
| 5 | 619.0000 | -81.41 | 9.18 | -72.23 | -13.00 | -59.23 | peak | V |
| 6 | 726.0000 | -80.48 | 11.79 | -68.69 | -13.00 | -55.69 | peak | V |
| 7 | 3232.000 | -70.52 | 14.62 | -55.90 | -13.00 | -42.90 | peak | V |
| 8 | 4768.000 | -73.56 | 19.48 | -54.08 | -13.00 | -41.08 | peak | V |
| 9 | 7168.000 | -75.22 | 25.58 | -49.64 | -13.00 | -36.64 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 847.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 155.5000 | -81.67 | 7.29 | -74.38 | -13.00 | -61.38 | peak | H |
| 2 | 200.5000 | -80.62 | 3.32 | -77.30 | -13.00 | -64.30 | peak | H |
| 3 | 327.0000 | -82.22 | -0.25 | -82.47 | -13.00 | -69.47 | peak | H |
| 4 | 485.0000 | -78.97 | 6.47 | -72.50 | -13.00 | -59.50 | peak | H |
| 5 | 601.5000 | -80.39 | 8.07 | -72.32 | -13.00 | -59.32 | peak | H |
| 6 | 683.5000 | -80.19 | 7.94 | -72.25 | -13.00 | -59.25 | peak | H |
| 7 | 3268.000 | -70.93 | 14.80 | -56.13 | -13.00 | -43.13 | peak | H |
| 8 | 4900.000 | -74.61 | 19.88 | -54.73 | -13.00 | -41.73 | peak | H |
| 9 | 7408.000 | -76.11 | 26.60 | -49.51 | -13.00 | -36.51 | peak | H |
| 1 | 131.0000 | -82.28 | 19.76 | -62.52 | -13.00 | -49.52 | peak | V |
| 2 | 200.5000 | -83.05 | 10.57 | -72.48 | -13.00 | -59.48 | peak | V |
| 3 | 361.5000 | -81.14 | 2.67 | -78.47 | -13.00 | -65.47 | peak | V |
| 4 | 476.5000 | -79.89 | 2.71 | -77.18 | -13.00 | -64.18 | peak | V |
| 5 | 614.0000 | -81.02 | 8.74 | -72.28 | -13.00 | -59.28 | peak | V |
| 6 | 702.5000 | -81.48 | 11.32 | -70.16 | -13.00 | -57.16 | peak | V |
| 7 | 3268.000 | -71.33 | 14.80 | -56.53 | -13.00 | -43.53 | peak | V |
| 8 | 4780.000 | -74.83 | 19.52 | -55.31 | -13.00 | -42.31 | peak | V |
| 9 | 7168.000 | -75.81 | 25.58 | -50.23 | -13.00 | -37.23 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 826.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 156.0000 | -81.18 | 7.41 | -73.77 | -13.00 | -60.77 | peak | H |
| 2 | 206.5000 | -82.53 | 1.73 | -80.80 | -13.00 | -67.80 | peak | H |
| 3 | 303.0000 | -80.00 | -1.59 | -81.59 | -13.00 | -68.59 | peak | H |
| 4 | 435.5000 | -80.76 | 4.30 | -76.46 | -13.00 | -63.46 | peak | H |
| 5 | 516.5000 | -79.49 | 7.85 | -71.64 | -13.00 | -58.64 | peak | H |
| 6 | 633.0000 | -79.92 | 7.60 | -72.32 | -13.00 | -59.32 | peak | H |
| 7 | 3244.000 | -69.63 | 14.68 | -54.95 | -13.00 | -41.95 | peak | H |
| 8 | 4852.000 | -73.84 | 19.74 | -54.10 | -13.00 | -41.10 | peak | H |
| 9 | 7168.000 | -75.52 | 25.58 | -49.94 | -13.00 | -36.94 | peak | H |
| 1 | 129.0000 | -78.73 | 18.96 | -59.77 | -13.00 | -46.77 | peak | V |
| 2 | 200.0000 | -80.51 | 10.65 | -69.86 | -13.00 | -56.86 | peak | V |
| 3 | 360.5000 | -80.13 | 2.71 | -77.42 | -13.00 | -64.42 | peak | V |
| 4 | 494.0000 | -64.15 | 3.03 | -61.12 | -13.00 | -48.12 | peak | V |
| 5 | 592.5000 | -78.87 | 7.01 | -71.86 | -13.00 | -58.86 | peak | V |
| 6 | 719.0000 | -78.96 | 11.86 | -67.10 | -13.00 | -54.10 | peak | V |
| 7 | 3268.000 | -71.06 | 14.80 | -56.26 | -13.00 | -43.26 | peak | V |
| 8 | 4864.000 | -74.27 | 19.77 | -54.50 | -13.00 | -41.50 | peak | V |
| 9 | 7312.000 | -74.77 | 26.19 | -48.58 | -13.00 | -35.58 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 836.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 161.5000 | -81.09 | 7.01 | -74.08 | -13.00 | -61.08 | peak | H |
| 2 | 363.5000 | -80.86 | 0.48 | -80.38 | -13.00 | -67.38 | peak | H |
| 3 | 453.5000 | -81.07 | 4.92 | -76.15 | -13.00 | -63.15 | peak | H |
| 4 | 515.5000 | -80.05 | 7.82 | -72.23 | -13.00 | -59.23 | peak | H |
| 5 | 689.0000 | -79.94 | 7.96 | -71.98 | -13.00 | -58.98 | peak | H |
| 6 | 722.0000 | -79.81 | 8.60 | -71.21 | -13.00 | -58.21 | peak | H |
| 7 | 3292.000 | -72.78 | 14.93 | -57.85 | -13.00 | -44.85 | peak | H |
| 8 | 4828.000 | -75.24 | 19.66 | -55.58 | -13.00 | -42.58 | peak | H |
| 9 | 7276.000 | -74.03 | 26.04 | -47.99 | -13.00 | -34.99 | peak | H |
| 1 | 160.5000 | -80.83 | 19.09 | -61.74 | -13.00 | -48.74 | peak | V |
| 2 | 199.5000 | -81.67 | 10.24 | -71.43 | -13.00 | -58.43 | peak | V |
| 3 | 288.0000 | -81.48 | 2.23 | -79.25 | -13.00 | -66.25 | peak | V |
| 4 | 375.5000 | -80.72 | 2.08 | -78.64 | -13.00 | -65.64 | peak | V |
| 5 | 572.5000 | -81.18 | 5.48 | -75.70 | -13.00 | -62.70 | peak | V |
| 6 | 613.0000 | -79.74 | 8.67 | -71.07 | -13.00 | -58.07 | peak | V |
| 7 | 3292.000 | -71.47 | 14.93 | -56.54 | -13.00 | -43.54 | peak | V |
| 8 | 4768.000 | -74.66 | 19.48 | -55.18 | -13.00 | -42.18 | peak | V |
| 9 | 7228.000 | -73.65 | 25.85 | -47.80 | -13.00 | -34.80 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 846.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 156.5000 | -82.45 | 7.53 | -74.92 | -13.00 | -61.92 | peak | H |
| 2 | 320.5000 | -82.32 | -0.34 | -82.66 | -13.00 | -69.66 | peak | H |
| 3 | 459.5000 | -81.42 | 5.12 | -76.30 | -13.00 | -63.30 | peak | H |
| 4 | 543.0000 | -81.33 | 8.43 | -72.90 | -13.00 | -59.90 | peak | H |
| 5 | 679.5000 | -79.24 | 7.92 | -71.32 | -13.00 | -58.32 | peak | H |
| 6 | 790.0000 | -80.90 | 11.35 | -69.55 | -13.00 | -56.55 | peak | H |
| 7 | 3316.000 | -70.35 | 15.05 | -55.30 | -13.00 | -42.30 | peak | H |
| 8 | 4780.000 | -74.49 | 19.52 | -54.97 | -13.00 | -41.97 | peak | H |
| 9 | 7204.000 | -75.71 | 25.75 | -49.96 | -13.00 | -36.96 | peak | H |
| 1 | 131.0000 | -81.95 | 19.76 | -62.19 | -13.00 | -49.19 | peak | V |
| 2 | 199.5000 | -82.21 | 10.24 | -71.97 | -13.00 | -58.97 | peak | V |
| 3 | 311.5000 | -81.18 | 2.30 | -78.88 | -13.00 | -65.88 | peak | V |
| 4 | 385.0000 | -80.71 | 1.80 | -78.91 | -13.00 | -65.91 | peak | V |
| 5 | 541.5000 | -80.88 | 4.52 | -76.36 | -13.00 | -63.36 | peak | V |
| 6 | 657.0000 | -79.58 | 9.95 | -69.63 | -13.00 | -56.63 | peak | V |
| 7 | 3268.000 | -70.35 | 14.80 | -55.55 | -13.00 | -42.55 | peak | V |
| 8 | 4780.000 | -74.69 | 19.52 | -55.17 | -13.00 | -42.17 | peak | V |
| 9 | 7300.000 | -74.33 | 26.14 | -48.19 | -13.00 | -35.19 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 829.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -83.72 | 8.28 | -75.44 | -13.00 | -62.44 | peak | H |
| 2 | 200.5000 | -82.46 | 3.32 | -79.14 | -13.00 | -66.14 | peak | H |
| 3 | 319.0000 | -81.90 | -0.43 | -82.33 | -13.00 | -69.33 | peak | H |
| 4 | 487.5000 | -81.56 | 6.61 | -74.95 | -13.00 | -61.95 | peak | H |
| 5 | 541.0000 | -80.72 | 8.49 | -72.23 | -13.00 | -59.23 | peak | H |
| 6 | 684.0000 | -78.27 | 7.94 | -70.33 | -13.00 | -57.33 | peak | H |
| 7 | 3232.000 | -70.41 | 14.62 | -55.79 | -13.00 | -42.79 | peak | H |
| 8 | 4768.000 | -73.68 | 19.48 | -54.20 | -13.00 | -41.20 | peak | H |
| 9 | 7216.000 | -75.06 | 25.79 | -49.27 | -13.00 | -36.27 | peak | H |
| 1 | 131.5000 | -81.07 | 19.57 | -61.50 | -13.00 | -48.50 | peak | V |
| 2 | 198.5000 | -81.09 | 9.43 | -71.66 | -13.00 | -58.66 | peak | V |
| 3 | 301.0000 | -82.38 | 3.18 | -79.20 | -13.00 | -66.20 | peak | V |
| 4 | 481.0000 | -81.62 | 2.86 | -78.76 | -13.00 | -65.76 | peak | V |
| 5 | 603.5000 | -80.89 | 7.87 | -73.02 | -13.00 | -60.02 | peak | V |
| 6 | 714.0000 | -80.20 | 11.71 | -68.49 | -13.00 | -55.49 | peak | V |
| 7 | 3244.000 | -70.56 | 14.68 | -55.88 | -13.00 | -42.88 | peak | V |
| 8 | 4804.000 | -75.11 | 19.59 | -55.52 | -13.00 | -42.52 | peak | V |
| 9 | 7132.000 | -74.72 | 25.45 | -49.27 | -13.00 | -36.27 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 836.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -81.98 | 8.28 | -73.70 | -13.00 | -60.70 | peak | H |
| 2 | 199.5000 | -83.91 | 3.05 | -80.86 | -13.00 | -67.86 | peak | H |
| 3 | 341.5000 | -82.06 | -0.10 | -82.16 | -13.00 | -69.16 | peak | H |
| 4 | 474.5000 | -80.34 | 5.87 | -74.47 | -13.00 | -61.47 | peak | H |
| 5 | 558.0000 | -80.59 | 8.07 | -72.52 | -13.00 | -59.52 | peak | H |
| 6 | 657.0000 | -79.63 | 7.79 | -71.84 | -13.00 | -58.84 | peak | H |
| 7 | 3292.000 | -71.90 | 14.93 | -56.97 | -13.00 | -43.97 | peak | H |
| 8 | 4732.000 | -72.67 | 19.36 | -53.31 | -13.00 | -40.31 | peak | H |
| 9 | 7168.000 | -76.08 | 25.58 | -50.50 | -13.00 | -37.50 | peak | H |
| 1 | 132.5000 | -81.95 | 19.17 | -62.78 | -13.00 | -49.78 | peak | V |
| 2 | 202.0000 | -82.36 | 10.35 | -72.01 | -13.00 | -59.01 | peak | V |
| 3 | 309.5000 | -81.34 | 2.48 | -78.86 | -13.00 | -65.86 | peak | V |
| 4 | 479.0000 | -80.36 | 2.80 | -77.56 | -13.00 | -64.56 | peak | V |
| 5 | 650.0000 | -80.65 | 9.61 | -71.04 | -13.00 | -58.04 | peak | V |
| 6 | 704.0000 | -80.77 | 11.36 | -69.41 | -13.00 | -56.41 | peak | V |
| 7 | 3280.000 | -71.38 | 14.86 | -56.52 | -13.00 | -43.52 | peak | V |
| 8 | 4900.000 | -73.46 | 19.88 | -53.58 | -13.00 | -40.58 | peak | V |
| 9 | 7156.000 | -74.78 | 25.54 | -49.24 | -13.00 | -36.24 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 844.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 161.0000 | -81.12 | 7.47 | -73.65 | -13.00 | -60.65 | peak | H |
| 2 | 306.0000 | -81.42 | -1.36 | -82.78 | -13.00 | -69.78 | peak | H |
| 3 | 415.0000 | -81.05 | 3.58 | -77.47 | -13.00 | -64.47 | peak | H |
| 4 | 537.0000 | -79.56 | 8.42 | -71.14 | -13.00 | -58.14 | peak | H |
| 5 | 630.0000 | -80.48 | 7.72 | -72.76 | -13.00 | -59.76 | peak | H |
| 6 | 755.0000 | -80.55 | 9.79 | -70.76 | -13.00 | -57.76 | peak | H |
| 7 | 3292.000 | -71.32 | 14.93 | -56.39 | -13.00 | -43.39 | peak | H |
| 8 | 4864.000 | -73.72 | 19.77 | -53.95 | -13.00 | -40.95 | peak | H |
| 9 | 7180.000 | -75.60 | 25.64 | -49.96 | -13.00 | -36.96 | peak | H |
| 1 | 132.0000 | -81.46 | 19.38 | -62.08 | -13.00 | -49.08 | peak | V |
| 2 | 200.5000 | -83.05 | 10.57 | -72.48 | -13.00 | -59.48 | peak | V |
| 3 | 305.5000 | -82.69 | 2.81 | -79.88 | -13.00 | -66.88 | peak | V |
| 4 | 364.0000 | -82.21 | 2.56 | -79.65 | -13.00 | -66.65 | peak | V |
| 5 | 561.0000 | -80.62 | 4.66 | -75.96 | -13.00 | -62.96 | peak | V |
| 6 | 673.0000 | -80.13 | 10.33 | -69.80 | -13.00 | -56.80 | peak | V |
| 7 | 3196.000 | -71.05 | 14.43 | -56.62 | -13.00 | -43.62 | peak | V |
| 8 | 4780.000 | -74.22 | 19.52 | -54.70 | -13.00 | -41.70 | peak | V |
| 9 | 7168.000 | -73.67 | 25.58 | -48.09 | -13.00 | -35.09 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 1.4 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 836.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -81.99 | 8.40 | -73.59 | -13.00 | -60.59 | peak | H |
| 2 | 199.5000 | -83.42 | 3.05 | -80.37 | -13.00 | -67.37 | peak | H |
| 3 | 357.0000 | -81.68 | 0.27 | -81.41 | -13.00 | -68.41 | peak | H |
| 4 | 469.5000 | -80.16 | 5.62 | -74.54 | -13.00 | -61.54 | peak | H |
| 5 | 599.5000 | -80.85 | 8.07 | -72.78 | -13.00 | -59.78 | peak | H |
| 6 | 713.5000 | -81.69 | 8.37 | -73.32 | -13.00 | -60.32 | peak | H |
| 7 | 3268.000 | -70.44 | 14.80 | -55.64 | -13.00 | -42.64 | peak | H |
| 8 | 4768.000 | -73.90 | 19.48 | -54.42 | -13.00 | -41.42 | peak | H |
| 9 | 7228.000 | -74.82 | 25.85 | -48.97 | -13.00 | -35.97 | peak | H |
| 1 | 159.5000 | -81.91 | 19.43 | -62.48 | -13.00 | -49.48 | peak | V |
| 2 | 209.0000 | -80.99 | 9.27 | -71.72 | -13.00 | -58.72 | peak | V |
| 3 | 311.0000 | -81.78 | 2.35 | -79.43 | -13.00 | -66.43 | peak | V |
| 4 | 464.5000 | -79.72 | 2.35 | -77.37 | -13.00 | -64.37 | peak | V |
| 5 | 612.5000 | -80.91 | 8.64 | -72.27 | -13.00 | -59.27 | peak | V |
| 6 | 714.0000 | -81.17 | 11.71 | -69.46 | -13.00 | -56.46 | peak | V |
| 7 | 3268.000 | -71.82 | 14.80 | -57.02 | -13.00 | -44.02 | peak | V |
| 8 | 4816.000 | -74.68 | 19.63 | -55.05 | -13.00 | -42.05 | peak | V |
| 9 | 7324.000 | -76.12 | 26.25 | -49.87 | -13.00 | -36.87 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 3 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 836.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -81.47 | 8.40 | -73.07 | -13.00 | -60.07 | peak | H |
| 2 | 202.5000 | -82.94 | 2.79 | -80.15 | -13.00 | -67.15 | peak | H |
| 3 | 344.0000 | -82.09 | -0.05 | -82.14 | -13.00 | -69.14 | peak | H |
| 4 | 457.0000 | -80.37 | 5.02 | -75.35 | -13.00 | -62.35 | peak | H |
| 5 | 569.0000 | -80.20 | 7.89 | -72.31 | -13.00 | -59.31 | peak | H |
| 6 | 686.5000 | -80.39 | 7.95 | -72.44 | -13.00 | -59.44 | peak | H |
| 7 | 3316.000 | -71.68 | 15.05 | -56.63 | -13.00 | -43.63 | peak | H |
| 8 | 4804.000 | -73.59 | 19.59 | -54.00 | -13.00 | -41.00 | peak | H |
| 9 | 7228.000 | -74.45 | 25.85 | -48.60 | -13.00 | -35.60 | peak | H |
| 1 | 131.0000 | -81.96 | 19.76 | -62.20 | -13.00 | -49.20 | peak | V |
| 2 | 198.0000 | -80.63 | 9.02 | -71.61 | -13.00 | -58.61 | peak | V |
| 3 | 307.5000 | -81.67 | 2.64 | -79.03 | -13.00 | -66.03 | peak | V |
| 4 | 451.0000 | -80.57 | 2.14 | -78.43 | -13.00 | -65.43 | peak | V |
| 5 | 624.5000 | -80.56 | 9.25 | -71.31 | -13.00 | -58.31 | peak | V |
| 6 | 738.0000 | -79.99 | 11.54 | -68.45 | -13.00 | -55.45 | peak | V |
| 7 | 3316.000 | -70.87 | 15.05 | -55.82 | -13.00 | -42.82 | peak | V |
| 8 | 4768.000 | -73.93 | 19.48 | -54.45 | -13.00 | -41.45 | peak | V |
| 9 | 7300.000 | -75.48 | 26.14 | -49.34 | -13.00 | -36.34 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 836.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 158.5000 | -81.51 | 8.03 | -73.48 | -13.00 | -60.48 | peak | H |
| 2 | 202.5000 | -83.12 | 2.79 | -80.33 | -13.00 | -67.33 | peak | H |
| 3 | 344.0000 | -80.56 | -0.05 | -80.61 | -13.00 | -67.61 | peak | H |
| 4 | 461.0000 | -80.46 | 5.18 | -75.28 | -13.00 | -62.28 | peak | H |
| 5 | 543.0000 | -80.79 | 8.43 | -72.36 | -13.00 | -59.36 | peak | H |
| 6 | 670.5000 | -80.35 | 7.91 | -72.44 | -13.00 | -59.44 | peak | H |
| 7 | 3268.000 | -69.35 | 14.80 | -54.55 | -13.00 | -41.55 | peak | H |
| 8 | 4804.000 | -74.24 | 19.59 | -54.65 | -13.00 | -41.65 | peak | H |
| 9 | 7180.000 | -75.48 | 25.64 | -49.84 | -13.00 | -36.84 | peak | H |
| 1 | 131.5000 | -81.18 | 19.57 | -61.61 | -13.00 | -48.61 | peak | V |
| 2 | 204.5000 | -81.56 | 9.97 | -71.59 | -13.00 | -58.59 | peak | V |
| 3 | 305.0000 | -82.75 | 2.85 | -79.90 | -13.00 | -66.90 | peak | V |
| 4 | 496.0000 | -80.62 | 3.07 | -77.55 | -13.00 | -64.55 | peak | V |
| 5 | 621.5000 | -81.57 | 9.25 | -72.32 | -13.00 | -59.32 | peak | V |
| 6 | 719.5000 | -80.64 | 11.89 | -68.75 | -13.00 | -55.75 | peak | V |
| 7 | 3292.000 | -70.82 | 14.93 | -55.89 | -13.00 | -42.89 | peak | V |
| 8 | 4708.000 | -74.00 | 19.29 | -54.71 | -13.00 | -41.71 | peak | V |
| 9 | 7204.000 | -75.25 | 25.75 | -49.50 | -13.00 | -36.50 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 22 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 5 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 836.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 161.0000 | -82.62 | 7.47 | -75.15 | -13.00 | -62.15 | peak | H |
| 2 | 200.5000 | -83.90 | 3.32 | -80.58 | -13.00 | -67.58 | peak | H |
| 3 | 342.0000 | -82.48 | -0.09 | -82.57 | -13.00 | -69.57 | peak | H |
| 4 | 477.0000 | -81.22 | 6.02 | -75.20 | -13.00 | -62.20 | peak | H |
| 5 | 546.0000 | -80.76 | 8.37 | -72.39 | -13.00 | -59.39 | peak | H |
| 6 | 738.5000 | -80.04 | 9.16 | -70.88 | -13.00 | -57.88 | peak | H |
| 7 | 3220.000 | -70.22 | 14.56 | -55.66 | -13.00 | -42.66 | peak | H |
| 8 | 4768.000 | -73.99 | 19.48 | -54.51 | -13.00 | -41.51 | peak | H |
| 9 | 7204.000 | -73.06 | 25.75 | -47.31 | -13.00 | -34.31 | peak | H |
| 1 | 132.0000 | -81.04 | 19.38 | -61.66 | -13.00 | -48.66 | peak | V |
| 2 | 201.0000 | -83.27 | 10.50 | -72.77 | -13.00 | -59.77 | peak | V |
| 3 | 300.5000 | -82.16 | 3.22 | -78.94 | -13.00 | -65.94 | peak | V |
| 4 | 406.5000 | -79.67 | 1.61 | -78.06 | -13.00 | -65.06 | peak | V |
| 5 | 568.5000 | -79.65 | 5.19 | -74.46 | -13.00 | -61.46 | peak | V |
| 6 | 694.0000 | -80.66 | 11.01 | -69.65 | -13.00 | -56.65 | peak | V |
| 7 | 3220.000 | -71.31 | 14.56 | -56.75 | -13.00 | -43.75 | peak | V |
| 8 | 4768.000 | -74.99 | 19.48 | -55.51 | -13.00 | -42.51 | peak | V |
| 9 | 7204.000 | -74.42 | 25.75 | -48.67 | -13.00 | -35.67 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2502.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 73.0000 | -75.79 | 0.66 | -75.13 | -25.00 | -50.13 | peak | H |
| 2 | 160.0000 | -83.34 | 8.40 | -74.94 | -25.00 | -49.94 | peak | H |
| 3 | 356.5000 | -81.88 | 0.26 | -81.62 | -25.00 | -56.62 | peak | H |
| 4 | 478.0000 | -81.45 | 6.06 | -75.39 | -25.00 | -50.39 | peak | H |
| 5 | 613.5000 | -81.04 | 8.06 | -72.98 | -25.00 | -47.98 | peak | H |
| 6 | 726.0000 | -80.89 | 8.74 | -72.15 | -25.00 | -47.15 | peak | H |
| 7 | 3292.000 | -71.11 | 14.93 | -56.18 | -25.00 | -31.18 | peak | H |
| 8 | 4780.000 | -74.05 | 19.52 | -54.53 | -25.00 | -29.53 | peak | H |
| 9 | 7084.000 | -74.27 | 25.25 | -49.02 | -25.00 | -24.02 | peak | H |
| 1 | 129.0000 | -80.64 | 18.96 | -61.68 | -25.00 | -36.68 | peak | V |
| 2 | 202.0000 | -82.78 | 10.35 | -72.43 | -25.00 | -47.43 | peak | V |
| 3 | 320.5000 | -80.11 | 1.61 | -78.50 | -25.00 | -53.50 | peak | V |
| 4 | 436.5000 | -81.84 | 1.93 | -79.91 | -25.00 | -54.91 | peak | V |
| 5 | 567.5000 | -79.82 | 5.13 | -74.69 | -25.00 | -49.69 | peak | V |
| 6 | 670.5000 | -80.21 | 10.30 | -69.91 | -25.00 | -44.91 | peak | V |
| 7 | 3244.000 | -70.99 | 14.68 | -56.31 | -25.00 | -31.31 | peak | V |
| 8 | 4756.000 | -74.52 | 19.44 | -55.08 | -25.00 | -30.08 | peak | V |
| 9 | 7156.000 | -74.58 | 25.54 | -49.04 | -25.00 | -24.04 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2535.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -82.68 | 8.40 | -74.28 | -25.00 | -49.28 | peak | H |
| 2 | 202.0000 | -83.19 | 2.92 | -80.27 | -25.00 | -55.27 | peak | H |
| 3 | 311.5000 | -82.90 | -0.98 | -83.88 | -25.00 | -58.88 | peak | H |
| 4 | 432.0000 | -80.43 | 4.20 | -76.23 | -25.00 | -51.23 | peak | H |
| 5 | 542.0000 | -79.99 | 8.45 | -71.54 | -25.00 | -46.54 | peak | H |
| 6 | 672.5000 | -81.70 | 7.90 | -73.80 | -25.00 | -48.80 | peak | H |
| 7 | 3268.000 | -70.64 | 14.80 | -55.84 | -25.00 | -30.84 | peak | H |
| 8 | 4756.000 | -74.13 | 19.44 | -54.69 | -25.00 | -29.69 | peak | H |
| 9 | 7120.000 | -74.93 | 25.40 | -49.53 | -25.00 | -24.53 | peak | H |
| 1 | 160.5000 | -81.73 | 19.09 | -62.64 | -25.00 | -37.64 | peak | V |
| 2 | 319.5000 | -80.21 | 1.65 | -78.56 | -25.00 | -53.56 | peak | V |
| 3 | 401.0000 | -81.09 | 1.56 | -79.53 | -25.00 | -54.53 | peak | V |
| 4 | 539.0000 | -80.46 | 4.46 | -76.00 | -25.00 | -51.00 | peak | V |
| 5 | 648.0000 | -81.09 | 9.51 | -71.58 | -25.00 | -46.58 | peak | V |
| 6 | 717.0000 | -80.97 | 11.80 | -69.17 | -25.00 | -44.17 | peak | V |
| 7 | 3292.000 | -72.01 | 14.93 | -57.08 | -25.00 | -32.08 | peak | V |
| 8 | 4720.000 | -74.83 | 19.32 | -55.51 | -25.00 | -30.51 | peak | V |
| 9 | 7132.000 | -75.01 | 25.45 | -49.56 | -25.00 | -24.56 | peak | V |

| | | | |
|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2567.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 73.0000 | -75.24 | 0.66 | -74.58 | -25.00 | -49.58 | peak | H |
| 2 | 159.5000 | -83.31 | 8.28 | -75.03 | -25.00 | -50.03 | peak | H |
| 3 | 346.5000 | -80.46 | 0.02 | -80.44 | -25.00 | -55.44 | peak | H |
| 4 | 480.5000 | -81.13 | 6.21 | -74.92 | -25.00 | -49.92 | peak | H |
| 5 | 597.0000 | -80.96 | 8.01 | -72.95 | -25.00 | -47.95 | peak | H |
| 6 | 734.0000 | -81.34 | 9.02 | -72.32 | -25.00 | -47.32 | peak | H |
| 7 | 3292.000 | -71.42 | 14.93 | -56.49 | -25.00 | -31.49 | peak | H |
| 8 | 4756.000 | -74.63 | 19.44 | -55.19 | -25.00 | -30.19 | peak | H |
| 9 | 7180.000 | -76.01 | 25.64 | -50.37 | -25.00 | -25.37 | peak | H |
| 1 | 129.0000 | -79.54 | 18.96 | -60.58 | -25.00 | -35.58 | peak | V |
| 2 | 202.0000 | -83.26 | 10.35 | -72.91 | -25.00 | -47.91 | peak | V |
| 3 | 300.0000 | -82.81 | 3.26 | -79.55 | -25.00 | -54.55 | peak | V |
| 4 | 452.5000 | -81.34 | 2.15 | -79.19 | -25.00 | -54.19 | peak | V |
| 5 | 580.0000 | -80.45 | 6.04 | -74.41 | -25.00 | -49.41 | peak | V |
| 6 | 683.0000 | -80.58 | 10.58 | -70.00 | -25.00 | -45.00 | peak | V |
| 7 | 3316.000 | -72.93 | 15.05 | -57.88 | -25.00 | -32.88 | peak | V |
| 8 | 4780.000 | -74.02 | 19.52 | -54.50 | -25.00 | -29.50 | peak | V |
| 9 | 7180.000 | -75.50 | 25.64 | -49.86 | -25.00 | -24.86 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2505.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.5000 | -81.81 | 7.94 | -73.87 | -25.00 | -48.87 | peak | H |
| 2 | 300.0000 | -82.98 | -1.81 | -84.79 | -25.00 | -59.79 | peak | H |
| 3 | 405.0000 | -81.40 | 3.05 | -78.35 | -25.00 | -53.35 | peak | H |
| 4 | 548.5000 | -80.15 | 8.30 | -71.85 | -25.00 | -46.85 | peak | H |
| 5 | 620.0000 | -81.79 | 8.06 | -73.73 | -25.00 | -48.73 | peak | H |
| 6 | 775.5000 | -82.33 | 10.75 | -71.58 | -25.00 | -46.58 | peak | H |
| 7 | 3268.000 | -70.87 | 14.80 | -56.07 | -25.00 | -31.07 | peak | H |
| 8 | 4768.000 | -73.46 | 19.48 | -53.98 | -25.00 | -28.98 | peak | H |
| 9 | 7216.000 | -74.14 | 25.79 | -48.35 | -25.00 | -23.35 | peak | H |
| 1 | 160.5000 | -81.50 | 19.09 | -62.41 | -25.00 | -37.41 | peak | V |
| 2 | 302.5000 | -81.81 | 3.05 | -78.76 | -25.00 | -53.76 | peak | V |
| 3 | 399.0000 | -82.07 | 1.57 | -80.50 | -25.00 | -55.50 | peak | V |
| 4 | 545.0000 | -80.37 | 4.53 | -75.84 | -25.00 | -50.84 | peak | V |
| 5 | 649.0000 | -79.90 | 9.56 | -70.34 | -25.00 | -45.34 | peak | V |
| 6 | 772.5000 | -81.55 | 11.99 | -69.56 | -25.00 | -44.56 | peak | V |
| 7 | 3244.000 | -72.14 | 14.68 | -57.46 | -25.00 | -32.46 | peak | V |
| 8 | 4720.000 | -74.09 | 19.32 | -54.77 | -25.00 | -29.77 | peak | V |
| 9 | 7156.000 | -75.95 | 25.54 | -50.41 | -25.00 | -25.41 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2535.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 59.0000 | -82.76 | 6.91 | -75.85 | -25.00 | -50.85 | peak | H |
| 2 | 159.5000 | -82.75 | 8.28 | -74.47 | -25.00 | -49.47 | peak | H |
| 3 | 348.0000 | -81.29 | 0.04 | -81.25 | -25.00 | -56.25 | peak | H |
| 4 | 538.0000 | -78.65 | 8.46 | -70.19 | -25.00 | -45.19 | peak | H |
| 5 | 608.0000 | -80.33 | 8.07 | -72.26 | -25.00 | -47.26 | peak | H |
| 6 | 721.0000 | -80.41 | 8.57 | -71.84 | -25.00 | -46.84 | peak | H |
| 7 | 3232.000 | -71.00 | 14.62 | -56.38 | -25.00 | -31.38 | peak | H |
| 8 | 4768.000 | -72.75 | 19.48 | -53.27 | -25.00 | -28.27 | peak | H |
| 9 | 7156.000 | -75.19 | 25.54 | -49.65 | -25.00 | -24.65 | peak | H |
| 1 | 160.0000 | -82.48 | 19.63 | -62.85 | -25.00 | -37.85 | peak | V |
| 2 | 294.0000 | -82.97 | 2.75 | -80.22 | -25.00 | -55.22 | peak | V |
| 3 | 412.0000 | -81.26 | 1.68 | -79.58 | -25.00 | -54.58 | peak | V |
| 4 | 493.0000 | -78.61 | 3.03 | -75.58 | -25.00 | -50.58 | peak | V |
| 5 | 609.5000 | -80.39 | 8.38 | -72.01 | -25.00 | -47.01 | peak | V |
| 6 | 773.0000 | -80.82 | 11.99 | -68.83 | -25.00 | -43.83 | peak | V |
| 7 | 3292.000 | -72.07 | 14.93 | -57.14 | -25.00 | -32.14 | peak | V |
| 8 | 4768.000 | -74.70 | 19.48 | -55.22 | -25.00 | -30.22 | peak | V |
| 9 | 7132.000 | -74.76 | 25.45 | -49.31 | -25.00 | -24.31 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2565.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 73.0000 | -76.15 | 0.66 | -75.49 | -25.00 | -50.49 | peak | H |
| 2 | 159.5000 | -82.65 | 8.28 | -74.37 | -25.00 | -49.37 | peak | H |
| 3 | 296.5000 | -80.39 | -2.13 | -82.52 | -25.00 | -57.52 | peak | H |
| 4 | 441.0000 | -82.22 | 4.45 | -77.77 | -25.00 | -52.77 | peak | H |
| 5 | 523.5000 | -80.44 | 8.05 | -72.39 | -25.00 | -47.39 | peak | H |
| 6 | 731.0000 | -81.94 | 8.91 | -73.03 | -25.00 | -48.03 | peak | H |
| 7 | 3232.000 | -69.75 | 14.62 | -55.13 | -25.00 | -30.13 | peak | H |
| 8 | 4732.000 | -72.49 | 19.36 | -53.13 | -25.00 | -28.13 | peak | H |
| 9 | 7180.000 | -73.35 | 25.64 | -47.71 | -25.00 | -22.71 | peak | H |
| 1 | 132.5000 | -81.53 | 19.17 | -62.36 | -25.00 | -37.36 | peak | V |
| 2 | 204.0000 | -82.94 | 10.04 | -72.90 | -25.00 | -47.90 | peak | V |
| 3 | 324.0000 | -80.89 | 1.63 | -79.26 | -25.00 | -54.26 | peak | V |
| 4 | 479.0000 | -80.87 | 2.80 | -78.07 | -25.00 | -53.07 | peak | V |
| 5 | 541.0000 | -80.84 | 4.52 | -76.32 | -25.00 | -51.32 | peak | V |
| 6 | 667.5000 | -80.53 | 10.23 | -70.30 | -25.00 | -45.30 | peak | V |
| 7 | 3292.000 | -72.12 | 14.93 | -57.19 | -25.00 | -32.19 | peak | V |
| 8 | 4756.000 | -74.40 | 19.44 | -54.96 | -25.00 | -29.96 | peak | V |
| 9 | 7156.000 | -74.40 | 25.54 | -48.86 | -25.00 | -23.86 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 05/05/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2507.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 73.0000 | -75.06 | 0.66 | -74.40 | -25.00 | -49.40 | peak | H |
| 2 | 160.5000 | -82.17 | 7.94 | -74.23 | -25.00 | -49.23 | peak | H |
| 3 | 306.0000 | -81.03 | -1.36 | -82.39 | -25.00 | -57.39 | peak | H |
| 4 | 458.5000 | -81.38 | 5.08 | -76.30 | -25.00 | -51.30 | peak | H |
| 5 | 518.5000 | -80.51 | 7.91 | -72.60 | -25.00 | -47.60 | peak | H |
| 6 | 692.0000 | -80.87 | 7.97 | -72.90 | -25.00 | -47.90 | peak | H |
| 7 | 3244.000 | -71.53 | 14.68 | -56.85 | -25.00 | -31.85 | peak | H |
| 8 | 4816.000 | -74.11 | 19.63 | -54.48 | -25.00 | -29.48 | peak | H |
| 9 | 7132.000 | -75.42 | 25.45 | -49.97 | -25.00 | -24.97 | peak | H |
| 1 | 159.5000 | -82.31 | 19.43 | -62.88 | -25.00 | -37.88 | peak | V |
| 2 | 205.0000 | -81.33 | 9.89 | -71.44 | -25.00 | -46.44 | peak | V |
| 3 | 314.0000 | -81.91 | 2.11 | -79.80 | -25.00 | -54.80 | peak | V |
| 4 | 393.0000 | -80.71 | 1.67 | -79.04 | -25.00 | -54.04 | peak | V |
| 5 | 575.0000 | -81.72 | 5.66 | -76.06 | -25.00 | -51.06 | peak | V |
| 6 | 724.5000 | -80.72 | 11.81 | -68.91 | -25.00 | -43.91 | peak | V |
| 7 | 3292.000 | -72.11 | 14.93 | -57.18 | -25.00 | -32.18 | peak | V |
| 8 | 4804.000 | -75.18 | 19.59 | -55.59 | -25.00 | -30.59 | peak | V |
| 9 | 7216.000 | -73.85 | 25.79 | -48.06 | -25.00 | -23.06 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 05/05/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2535.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -81.58 | 8.40 | -73.18 | -25.00 | -48.18 | peak | H |
| 2 | 331.5000 | -82.48 | -0.20 | -82.68 | -25.00 | -57.68 | peak | H |
| 3 | 442.0000 | -81.63 | 4.50 | -77.13 | -25.00 | -52.13 | peak | H |
| 4 | 547.5000 | -80.51 | 8.33 | -72.18 | -25.00 | -47.18 | peak | H |
| 5 | 611.5000 | -81.07 | 8.07 | -73.00 | -25.00 | -48.00 | peak | H |
| 6 | 756.5000 | -80.65 | 9.85 | -70.80 | -25.00 | -45.80 | peak | H |
| 7 | 3232.000 | -71.04 | 14.62 | -56.42 | -25.00 | -31.42 | peak | H |
| 8 | 4720.000 | -74.88 | 19.32 | -55.56 | -25.00 | -30.56 | peak | H |
| 9 | 7180.000 | -75.62 | 25.64 | -49.98 | -25.00 | -24.98 | peak | H |
| 1 | 160.5000 | -83.01 | 19.09 | -63.92 | -25.00 | -38.92 | peak | V |
| 2 | 204.5000 | -80.72 | 9.97 | -70.75 | -25.00 | -45.75 | peak | V |
| 3 | 328.5000 | -80.36 | 1.64 | -78.72 | -25.00 | -53.72 | peak | V |
| 4 | 480.5000 | -79.82 | 2.85 | -76.97 | -25.00 | -51.97 | peak | V |
| 5 | 607.5000 | -80.58 | 8.21 | -72.37 | -25.00 | -47.37 | peak | V |
| 6 | 721.0000 | -81.35 | 11.88 | -69.47 | -25.00 | -44.47 | peak | V |
| 7 | 3268.000 | -71.60 | 14.80 | -56.80 | -25.00 | -31.80 | peak | V |
| 8 | 4732.000 | -74.83 | 19.36 | -55.47 | -25.00 | -30.47 | peak | V |
| 9 | 7132.000 | -74.60 | 25.45 | -49.15 | -25.00 | -24.15 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 05/05/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2562.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -83.01 | 8.28 | -74.73 | -25.00 | -49.73 | peak | H |
| 2 | 199.0000 | -82.61 | 2.66 | -79.95 | -25.00 | -54.95 | peak | H |
| 3 | 314.5000 | -82.18 | -0.75 | -82.93 | -25.00 | -57.93 | peak | H |
| 4 | 399.5000 | -79.95 | 2.72 | -77.23 | -25.00 | -52.23 | peak | H |
| 5 | 497.0000 | -80.11 | 7.18 | -72.93 | -25.00 | -47.93 | peak | H |
| 6 | 613.0000 | -80.92 | 8.07 | -72.85 | -25.00 | -47.85 | peak | H |
| 7 | 3280.000 | -70.70 | 14.86 | -55.84 | -25.00 | -30.84 | peak | H |
| 8 | 4708.000 | -73.91 | 19.29 | -54.62 | -25.00 | -29.62 | peak | H |
| 9 | 7168.000 | -74.79 | 25.58 | -49.21 | -25.00 | -24.21 | peak | H |
| 1 | 160.0000 | -84.10 | 19.63 | -64.47 | -25.00 | -39.47 | peak | V |
| 2 | 202.5000 | -82.12 | 10.27 | -71.85 | -25.00 | -46.85 | peak | V |
| 3 | 360.0000 | -82.56 | 2.73 | -79.83 | -25.00 | -54.83 | peak | V |
| 4 | 498.0000 | -77.23 | 3.10 | -74.13 | -25.00 | -49.13 | peak | V |
| 5 | 623.0000 | -81.64 | 9.25 | -72.39 | -25.00 | -47.39 | peak | V |
| 6 | 724.5000 | -81.50 | 11.81 | -69.69 | -25.00 | -44.69 | peak | V |
| 7 | 3316.000 | -72.40 | 15.05 | -57.35 | -25.00 | -32.35 | peak | V |
| 8 | 4756.000 | -74.33 | 19.44 | -54.89 | -25.00 | -29.89 | peak | V |
| 9 | 7156.000 | -75.04 | 25.54 | -49.50 | -25.00 | -24.50 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 05/05/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2510.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 73.0000 | -75.38 | 0.66 | -74.72 | -25.00 | -49.72 | peak | H |
| 2 | 204.5000 | -83.39 | 2.27 | -81.12 | -25.00 | -56.12 | peak | H |
| 3 | 357.0000 | -80.87 | 0.27 | -80.60 | -25.00 | -55.60 | peak | H |
| 4 | 505.0000 | -80.33 | 7.49 | -72.84 | -25.00 | -47.84 | peak | H |
| 5 | 602.5000 | -80.95 | 8.06 | -72.89 | -25.00 | -47.89 | peak | H |
| 6 | 739.0000 | -81.31 | 9.17 | -72.14 | -25.00 | -47.14 | peak | H |
| 7 | 3244.000 | -71.63 | 14.68 | -56.95 | -25.00 | -31.95 | peak | H |
| 8 | 4732.000 | -73.46 | 19.36 | -54.10 | -25.00 | -29.10 | peak | H |
| 9 | 7168.000 | -74.01 | 25.58 | -48.43 | -25.00 | -23.43 | peak | H |
| 1 | 158.5000 | -83.16 | 19.02 | -64.14 | -25.00 | -39.14 | peak | V |
| 2 | 301.0000 | -82.94 | 3.18 | -79.76 | -25.00 | -54.76 | peak | V |
| 3 | 400.5000 | -80.03 | 1.55 | -78.48 | -25.00 | -53.48 | peak | V |
| 4 | 597.5000 | -80.28 | 7.39 | -72.89 | -25.00 | -47.89 | peak | V |
| 5 | 702.0000 | -81.76 | 11.31 | -70.45 | -25.00 | -45.45 | peak | V |
| 6 | 791.0000 | -81.31 | 12.22 | -69.09 | -25.00 | -44.09 | peak | V |
| 7 | 3328.000 | -71.74 | 15.12 | -56.62 | -25.00 | -31.62 | peak | V |
| 8 | 4720.000 | -74.18 | 19.32 | -54.86 | -25.00 | -29.86 | peak | V |
| 9 | 7120.000 | -75.21 | 25.40 | -49.81 | -25.00 | -24.81 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 05/05/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2535.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -79.97 | 8.40 | -71.57 | -25.00 | -46.57 | peak | H |
| 2 | 310.0000 | -82.05 | -1.08 | -83.13 | -25.00 | -58.13 | peak | H |
| 3 | 432.5000 | -82.22 | 4.20 | -78.02 | -25.00 | -53.02 | peak | H |
| 4 | 533.0000 | -81.35 | 8.32 | -73.03 | -25.00 | -48.03 | peak | H |
| 5 | 666.5000 | -81.63 | 7.89 | -73.74 | -25.00 | -48.74 | peak | H |
| 6 | 774.0000 | -82.42 | 10.68 | -71.74 | -25.00 | -46.74 | peak | H |
| 7 | 3244.000 | -72.82 | 14.68 | -58.14 | -25.00 | -33.14 | peak | H |
| 8 | 4720.000 | -73.94 | 19.32 | -54.62 | -25.00 | -29.62 | peak | H |
| 9 | 7108.000 | -72.86 | 25.35 | -47.51 | -25.00 | -22.51 | peak | H |
| 1 | 131.0000 | -82.16 | 19.76 | -62.40 | -25.00 | -37.40 | peak | V |
| 2 | 202.0000 | -81.75 | 10.35 | -71.40 | -25.00 | -46.40 | peak | V |
| 3 | 327.0000 | -81.46 | 1.64 | -79.82 | -25.00 | -54.82 | peak | V |
| 4 | 457.5000 | -81.27 | 2.20 | -79.07 | -25.00 | -54.07 | peak | V |
| 5 | 580.0000 | -81.38 | 6.04 | -75.34 | -25.00 | -50.34 | peak | V |
| 6 | 703.0000 | -80.50 | 11.34 | -69.16 | -25.00 | -44.16 | peak | V |
| 7 | 3268.000 | -72.21 | 14.80 | -57.41 | -25.00 | -32.41 | peak | V |
| 8 | 4768.000 | -75.02 | 19.48 | -55.54 | -25.00 | -30.54 | peak | V |
| 9 | 7132.000 | -74.89 | 25.45 | -49.44 | -25.00 | -24.44 | peak | V |

| | | | |
|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 05/05/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 2560.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 71.5000 | -76.83 | 1.37 | -75.46 | -25.00 | -50.46 | peak | H |
| 2 | 160.0000 | -82.85 | 8.40 | -74.45 | -25.00 | -49.45 | peak | H |
| 3 | 306.5000 | -81.49 | -1.34 | -82.83 | -25.00 | -57.83 | peak | H |
| 4 | 452.0000 | -80.57 | 4.86 | -75.71 | -25.00 | -50.71 | peak | H |
| 5 | 544.0000 | -81.54 | 8.41 | -73.13 | -25.00 | -48.13 | peak | H |
| 6 | 737.0000 | -81.63 | 9.12 | -72.51 | -25.00 | -47.51 | peak | H |
| 7 | 3292.000 | -71.49 | 14.93 | -56.56 | -25.00 | -31.56 | peak | H |
| 8 | 4732.000 | -74.36 | 19.36 | -55.00 | -25.00 | -30.00 | peak | H |
| 9 | 7120.000 | -75.15 | 25.40 | -49.75 | -25.00 | -24.75 | peak | H |
| 1 | 160.5000 | -82.16 | 19.09 | -63.07 | -25.00 | -38.07 | peak | V |
| 2 | 300.0000 | -83.34 | 3.26 | -80.08 | -25.00 | -55.08 | peak | V |
| 3 | 390.5000 | -80.70 | 1.71 | -78.99 | -25.00 | -53.99 | peak | V |
| 4 | 481.5000 | -79.47 | 2.86 | -76.61 | -25.00 | -51.61 | peak | V |
| 5 | 646.5000 | -80.92 | 9.45 | -71.47 | -25.00 | -46.47 | peak | V |
| 6 | 765.0000 | -81.54 | 11.90 | -69.64 | -25.00 | -44.64 | peak | V |
| 7 | 3292.000 | -72.42 | 14.93 | -57.49 | -25.00 | -32.49 | peak | V |
| 8 | 4768.000 | -75.20 | 19.48 | -55.72 | -25.00 | -30.72 | peak | V |
| 9 | 7156.000 | -75.57 | 25.54 | -50.03 | -25.00 | -25.03 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 05/05/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 2535.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 73.0000 | -76.42 | 0.66 | -75.76 | -25.00 | -50.76 | peak | H |
| 2 | 160.0000 | -83.21 | 8.40 | -74.81 | -25.00 | -49.81 | peak | H |
| 3 | 323.5000 | -82.91 | -0.29 | -83.20 | -25.00 | -58.20 | peak | H |
| 4 | 485.0000 | -81.96 | 6.47 | -75.49 | -25.00 | -50.49 | peak | H |
| 5 | 549.5000 | -81.07 | 8.28 | -72.79 | -25.00 | -47.79 | peak | H |
| 6 | 751.5000 | -80.50 | 9.65 | -70.85 | -25.00 | -45.85 | peak | H |
| 7 | 3244.000 | -71.61 | 14.68 | -56.93 | -25.00 | -31.93 | peak | H |
| 8 | 4768.000 | -72.61 | 19.48 | -53.13 | -25.00 | -28.13 | peak | H |
| 9 | 7132.000 | -76.05 | 25.45 | -50.60 | -25.00 | -25.60 | peak | H |
| 1 | 160.5000 | -82.78 | 19.09 | -63.69 | -25.00 | -38.69 | peak | V |
| 2 | 301.0000 | -82.41 | 3.18 | -79.23 | -25.00 | -54.23 | peak | V |
| 3 | 428.0000 | -80.89 | 1.84 | -79.05 | -25.00 | -54.05 | peak | V |
| 4 | 565.5000 | -80.18 | 4.98 | -75.20 | -25.00 | -50.20 | peak | V |
| 5 | 667.0000 | -80.05 | 10.23 | -69.82 | -25.00 | -44.82 | peak | V |
| 6 | 719.0000 | -81.83 | 11.86 | -69.97 | -25.00 | -44.97 | peak | V |
| 7 | 3268.000 | -71.79 | 14.80 | -56.99 | -25.00 | -31.99 | peak | V |
| 8 | 4720.000 | -75.54 | 19.32 | -56.22 | -25.00 | -31.22 | peak | V |
| 9 | 7204.000 | -76.29 | 25.75 | -50.54 | -25.00 | -25.54 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 05/05/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 2535.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 71.5000 | -76.82 | 1.37 | -75.45 | -25.00 | -50.45 | peak | H |
| 2 | 202.0000 | -83.35 | 2.92 | -80.43 | -25.00 | -55.43 | peak | H |
| 3 | 334.5000 | -82.37 | -0.19 | -82.56 | -25.00 | -57.56 | peak | H |
| 4 | 482.0000 | -81.02 | 6.30 | -74.72 | -25.00 | -49.72 | peak | H |
| 5 | 581.0000 | -79.87 | 7.73 | -72.14 | -25.00 | -47.14 | peak | H |
| 6 | 711.5000 | -78.91 | 8.30 | -70.61 | -25.00 | -45.61 | peak | H |
| 7 | 3280.000 | -71.43 | 14.86 | -56.57 | -25.00 | -31.57 | peak | H |
| 8 | 4720.000 | -74.75 | 19.32 | -55.43 | -25.00 | -30.43 | peak | H |
| 9 | 7204.000 | -75.12 | 25.75 | -49.37 | -25.00 | -24.37 | peak | H |
| 1 | 159.5000 | -81.81 | 19.43 | -62.38 | -25.00 | -37.38 | peak | V |
| 2 | 211.0000 | -81.01 | 8.78 | -72.23 | -25.00 | -47.23 | peak | V |
| 3 | 306.5000 | -81.60 | 2.72 | -78.88 | -25.00 | -53.88 | peak | V |
| 4 | 438.0000 | -81.91 | 1.94 | -79.97 | -25.00 | -54.97 | peak | V |
| 5 | 620.5000 | -82.05 | 9.26 | -72.79 | -25.00 | -47.79 | peak | V |
| 6 | 718.0000 | -81.44 | 11.84 | -69.60 | -25.00 | -44.60 | peak | V |
| 7 | 3292.000 | -72.36 | 14.93 | -57.43 | -25.00 | -32.43 | peak | V |
| 8 | 4732.000 | -74.23 | 19.36 | -54.87 | -25.00 | -29.87 | peak | V |
| 9 | 7180.000 | -75.48 | 25.64 | -49.84 | -25.00 | -24.84 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 05/05/2015 |
| Channel Bandwidth: | 15 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 2535.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 71.5000 | -76.55 | 1.37 | -75.18 | -25.00 | -50.18 | peak | H |
| 2 | 199.0000 | -83.02 | 2.66 | -80.36 | -25.00 | -55.36 | peak | H |
| 3 | 387.0000 | -82.33 | 1.65 | -80.68 | -25.00 | -55.68 | peak | H |
| 4 | 542.5000 | -80.76 | 8.45 | -72.31 | -25.00 | -47.31 | peak | H |
| 5 | 624.5000 | -81.04 | 7.93 | -73.11 | -25.00 | -48.11 | peak | H |
| 6 | 749.0000 | -80.88 | 9.56 | -71.32 | -25.00 | -46.32 | peak | H |
| 7 | 3280.000 | -71.14 | 14.86 | -56.28 | -25.00 | -31.28 | peak | H |
| 8 | 4780.000 | -74.72 | 19.52 | -55.20 | -25.00 | -30.20 | peak | H |
| 9 | 7132.000 | -76.71 | 25.45 | -51.26 | -25.00 | -26.26 | peak | H |
| 1 | 160.0000 | -84.08 | 19.63 | -64.45 | -25.00 | -39.45 | peak | V |
| 2 | 205.0000 | -82.37 | 9.89 | -72.48 | -25.00 | -47.48 | peak | V |
| 3 | 309.5000 | -82.25 | 2.48 | -79.77 | -25.00 | -54.77 | peak | V |
| 4 | 436.0000 | -80.59 | 1.92 | -78.67 | -25.00 | -53.67 | peak | V |
| 5 | 602.0000 | -80.54 | 7.75 | -72.79 | -25.00 | -47.79 | peak | V |
| 6 | 732.5000 | -80.52 | 11.65 | -68.87 | -25.00 | -43.87 | peak | V |
| 7 | 3292.000 | -71.00 | 14.93 | -56.07 | -25.00 | -31.07 | peak | V |
| 8 | 4780.000 | -74.08 | 19.52 | -54.56 | -25.00 | -29.56 | peak | V |
| 9 | 7132.000 | -74.43 | 25.45 | -48.98 | -25.00 | -23.98 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 7 | Date: | 05/05/2015 |
| Channel Bandwidth: | 20 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 2535.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 151.5000 | -82.63 | 6.29 | -76.34 | -25.00 | -51.34 | peak | H |
| 2 | 320.5000 | -82.19 | -0.34 | -82.53 | -25.00 | -57.53 | peak | H |
| 3 | 405.0000 | -80.76 | 3.05 | -77.71 | -25.00 | -52.71 | peak | H |
| 4 | 517.5000 | -80.45 | 7.88 | -72.57 | -25.00 | -47.57 | peak | H |
| 5 | 631.0000 | -80.54 | 7.68 | -72.86 | -25.00 | -47.86 | peak | H |
| 6 | 766.5000 | -81.72 | 10.30 | -71.42 | -25.00 | -46.42 | peak | H |
| 7 | 3268.000 | -73.06 | 14.80 | -58.26 | -25.00 | -33.26 | peak | H |
| 8 | 4732.000 | -74.20 | 19.36 | -54.84 | -25.00 | -29.84 | peak | H |
| 9 | 7132.000 | -74.29 | 25.45 | -48.84 | -25.00 | -23.84 | peak | H |
| 1 | 158.0000 | -82.65 | 18.81 | -63.84 | -25.00 | -38.84 | peak | V |
| 2 | 304.0000 | -83.40 | 2.92 | -80.48 | -25.00 | -55.48 | peak | V |
| 3 | 359.5000 | -81.41 | 2.71 | -78.70 | -25.00 | -53.70 | peak | V |
| 4 | 462.5000 | -80.60 | 2.30 | -78.30 | -25.00 | -53.30 | peak | V |
| 5 | 617.0000 | -81.51 | 9.01 | -72.50 | -25.00 | -47.50 | peak | V |
| 6 | 739.5000 | -80.55 | 11.50 | -69.05 | -25.00 | -44.05 | peak | V |
| 7 | 3268.000 | -71.59 | 14.80 | -56.79 | -25.00 | -31.79 | peak | V |
| 8 | 4708.000 | -75.09 | 19.29 | -55.80 | -25.00 | -30.80 | peak | V |
| 9 | 7204.000 | -75.67 | 25.75 | -49.92 | -25.00 | -24.92 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 17 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 706.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -83.12 | 8.40 | -74.72 | -13.00 | -61.72 | peak | H |
| 2 | 201.0000 | -82.20 | 3.19 | -79.01 | -13.00 | -66.01 | peak | H |
| 3 | 310.5000 | -81.78 | -1.05 | -82.83 | -13.00 | -69.83 | peak | H |
| 4 | 480.0000 | -80.88 | 6.18 | -74.70 | -13.00 | -61.70 | peak | H |
| 5 | 588.5000 | -81.14 | 7.88 | -73.26 | -13.00 | -60.26 | peak | H |
| 6 | 736.0000 | -80.74 | 9.07 | -71.67 | -13.00 | -58.67 | peak | H |
| 7 | 3316.000 | -69.25 | 15.05 | -54.20 | -13.00 | -41.20 | peak | H |
| 8 | 4816.000 | -72.72 | 19.63 | -53.09 | -13.00 | -40.09 | peak | H |
| 9 | 7156.000 | -73.44 | 25.54 | -47.90 | -13.00 | -34.90 | peak | H |
| 1 | 131.5000 | -80.70 | 19.57 | -61.13 | -13.00 | -48.13 | peak | V |
| 2 | 206.0000 | -82.64 | 9.73 | -72.91 | -13.00 | -59.91 | peak | V |
| 3 | 362.5000 | -81.73 | 2.63 | -79.10 | -13.00 | -66.10 | peak | V |
| 4 | 505.5000 | -80.74 | 3.19 | -77.55 | -13.00 | -64.55 | peak | V |
| 5 | 630.0000 | -80.26 | 9.22 | -71.04 | -13.00 | -58.04 | peak | V |
| 6 | 729.0000 | -81.38 | 11.73 | -69.65 | -13.00 | -56.65 | peak | V |
| 7 | 3232.000 | -70.95 | 14.62 | -56.33 | -13.00 | -43.33 | peak | V |
| 8 | 4804.000 | -73.77 | 19.59 | -54.18 | -13.00 | -41.18 | peak | V |
| 9 | 7132.000 | -75.64 | 25.45 | -50.19 | -13.00 | -37.19 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 17 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 710.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -83.25 | 8.40 | -74.85 | -13.00 | -61.85 | peak | H |
| 2 | 201.5000 | -83.44 | 3.06 | -80.38 | -13.00 | -67.38 | peak | H |
| 3 | 323.5000 | -81.43 | -0.29 | -81.72 | -13.00 | -68.72 | peak | H |
| 4 | 436.5000 | -79.61 | 4.31 | -75.30 | -13.00 | -62.30 | peak | H |
| 5 | 541.5000 | -80.82 | 8.48 | -72.34 | -13.00 | -59.34 | peak | H |
| 6 | 662.0000 | -80.41 | 7.87 | -72.54 | -13.00 | -59.54 | peak | H |
| 7 | 3244.000 | -69.97 | 14.68 | -55.29 | -13.00 | -42.29 | peak | H |
| 8 | 4768.000 | -74.43 | 19.48 | -54.95 | -13.00 | -41.95 | peak | H |
| 9 | 7216.000 | -74.45 | 25.79 | -48.66 | -13.00 | -35.66 | peak | H |
| 1 | 133.0000 | -80.61 | 18.96 | -61.65 | -13.00 | -48.65 | peak | V |
| 2 | 200.0000 | -82.96 | 10.65 | -72.31 | -13.00 | -59.31 | peak | V |
| 3 | 329.0000 | -81.46 | 1.64 | -79.82 | -13.00 | -66.82 | peak | V |
| 4 | 477.5000 | -81.36 | 2.76 | -78.60 | -13.00 | -65.60 | peak | V |
| 5 | 605.5000 | -81.02 | 8.05 | -72.97 | -13.00 | -59.97 | peak | V |
| 6 | 702.0000 | -80.74 | 11.31 | -69.43 | -13.00 | -56.43 | peak | V |
| 7 | 3280.000 | -69.87 | 14.86 | -55.01 | -13.00 | -42.01 | peak | V |
| 8 | 4768.000 | -73.43 | 19.48 | -53.95 | -13.00 | -40.95 | peak | V |
| 9 | 7168.000 | -76.44 | 25.58 | -50.86 | -13.00 | -37.86 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 17 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 713.5 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -83.05 | 8.40 | -74.65 | -13.00 | -61.65 | peak | H |
| 2 | 201.0000 | -80.88 | 3.19 | -77.69 | -13.00 | -64.69 | peak | H |
| 3 | 337.0000 | -81.06 | -0.16 | -81.22 | -13.00 | -68.22 | peak | H |
| 4 | 498.5000 | -80.91 | 7.26 | -73.65 | -13.00 | -60.65 | peak | H |
| 5 | 604.5000 | -81.03 | 8.06 | -72.97 | -13.00 | -59.97 | peak | H |
| 6 | 704.5000 | -80.48 | 8.13 | -72.35 | -13.00 | -59.35 | peak | H |
| 7 | 3292.000 | -71.39 | 14.93 | -56.46 | -13.00 | -43.46 | peak | H |
| 8 | 4816.000 | -74.73 | 19.63 | -55.10 | -13.00 | -42.10 | peak | H |
| 9 | 7300.000 | -76.35 | 26.14 | -50.21 | -13.00 | -37.21 | peak | H |
| 1 | 129.0000 | -80.74 | 18.96 | -61.78 | -13.00 | -48.78 | peak | V |
| 2 | 199.5000 | -82.76 | 10.24 | -72.52 | -13.00 | -59.52 | peak | V |
| 3 | 355.0000 | -81.86 | 2.44 | -79.42 | -13.00 | -66.42 | peak | V |
| 4 | 452.5000 | -81.50 | 2.15 | -79.35 | -13.00 | -66.35 | peak | V |
| 5 | 535.5000 | -80.21 | 4.27 | -75.94 | -13.00 | -62.94 | peak | V |
| 6 | 677.5000 | -80.46 | 10.42 | -70.04 | -13.00 | -57.04 | peak | V |
| 7 | 3232.000 | -70.70 | 14.62 | -56.08 | -13.00 | -43.08 | peak | V |
| 8 | 4756.000 | -74.45 | 19.44 | -55.01 | -13.00 | -42.01 | peak | V |
| 9 | 7180.000 | -73.97 | 25.64 | -48.33 | -13.00 | -35.33 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 17 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 709.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 158.5000 | -81.81 | 8.03 | -73.78 | -13.00 | -60.78 | peak | H |
| 2 | 329.5000 | -81.28 | -0.23 | -81.51 | -13.00 | -68.51 | peak | H |
| 3 | 428.0000 | -81.48 | 4.07 | -77.41 | -13.00 | -64.41 | peak | H |
| 4 | 516.5000 | -81.00 | 7.85 | -73.15 | -13.00 | -60.15 | peak | H |
| 5 | 612.5000 | -79.63 | 8.08 | -71.55 | -13.00 | -58.55 | peak | H |
| 6 | 760.5000 | -81.19 | 10.00 | -71.19 | -13.00 | -58.19 | peak | H |
| 7 | 3280.000 | -71.48 | 14.86 | -56.62 | -13.00 | -43.62 | peak | H |
| 8 | 4756.000 | -73.80 | 19.44 | -54.36 | -13.00 | -41.36 | peak | H |
| 9 | 7060.000 | -74.82 | 25.14 | -49.68 | -13.00 | -36.68 | peak | H |
| 1 | 132.0000 | -81.71 | 19.38 | -62.33 | -13.00 | -49.33 | peak | V |
| 2 | 215.0000 | -83.11 | 7.45 | -75.66 | -13.00 | -62.66 | peak | V |
| 3 | 337.0000 | -80.39 | 1.62 | -78.77 | -13.00 | -65.77 | peak | V |
| 4 | 472.5000 | -80.54 | 2.59 | -77.95 | -13.00 | -64.95 | peak | V |
| 5 | 622.5000 | -80.47 | 9.26 | -71.21 | -13.00 | -58.21 | peak | V |
| 6 | 694.5000 | -79.95 | 11.02 | -68.93 | -13.00 | -55.93 | peak | V |
| 7 | 3268.000 | -71.61 | 14.80 | -56.81 | -13.00 | -43.81 | peak | V |
| 8 | 4780.000 | -74.68 | 19.52 | -55.16 | -13.00 | -42.16 | peak | V |
| 9 | 7180.000 | -74.71 | 25.64 | -49.07 | -13.00 | -36.07 | peak | V |

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|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 17 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 710.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 157.5000 | -81.11 | 7.77 | -73.34 | -13.00 | -60.34 | peak | H |
| 2 | 201.5000 | -83.73 | 3.06 | -80.67 | -13.00 | -67.67 | peak | H |
| 3 | 335.5000 | -82.70 | -0.17 | -82.87 | -13.00 | -69.87 | peak | H |
| 4 | 477.5000 | -80.27 | 6.05 | -74.22 | -13.00 | -61.22 | peak | H |
| 5 | 590.0000 | -80.62 | 7.90 | -72.72 | -13.00 | -59.72 | peak | H |
| 6 | 660.5000 | -79.50 | 7.87 | -71.63 | -13.00 | -58.63 | peak | H |
| 7 | 3316.000 | -70.83 | 15.05 | -55.78 | -13.00 | -42.78 | peak | H |
| 8 | 4816.000 | -74.09 | 19.63 | -54.46 | -13.00 | -41.46 | peak | H |
| 9 | 7216.000 | -75.24 | 25.79 | -49.45 | -13.00 | -36.45 | peak | H |
| 1 | 131.5000 | -81.46 | 19.57 | -61.89 | -13.00 | -48.89 | peak | V |
| 2 | 202.0000 | -82.54 | 10.35 | -72.19 | -13.00 | -59.19 | peak | V |
| 3 | 295.5000 | -82.54 | 2.88 | -79.66 | -13.00 | -66.66 | peak | V |
| 4 | 490.5000 | -79.20 | 2.98 | -76.22 | -13.00 | -63.22 | peak | V |
| 5 | 618.5000 | -80.45 | 9.14 | -71.31 | -13.00 | -58.31 | peak | V |
| 6 | 737.0000 | -80.63 | 11.57 | -69.06 | -13.00 | -56.06 | peak | V |
| 7 | 3232.000 | -72.42 | 14.62 | -57.80 | -13.00 | -44.80 | peak | V |
| 8 | 4852.000 | -73.79 | 19.74 | -54.05 | -13.00 | -41.05 | peak | V |
| 9 | 7228.000 | -75.68 | 25.85 | -49.83 | -13.00 | -36.83 | peak | V |

| | | | |
|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 17 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 711.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 158.5000 | -82.39 | 8.03 | -74.36 | -13.00 | -61.36 | peak | H |
| 2 | 207.5000 | -82.75 | 1.47 | -81.28 | -13.00 | -68.28 | peak | H |
| 3 | 349.0000 | -79.84 | 0.07 | -79.77 | -13.00 | -66.77 | peak | H |
| 4 | 483.0000 | -80.11 | 6.35 | -73.76 | -13.00 | -60.76 | peak | H |
| 5 | 603.5000 | -80.66 | 8.07 | -72.59 | -13.00 | -59.59 | peak | H |
| 6 | 719.5000 | -80.64 | 8.52 | -72.12 | -13.00 | -59.12 | peak | H |
| 7 | 3268.000 | -70.73 | 14.80 | -55.93 | -13.00 | -42.93 | peak | H |
| 8 | 4756.000 | -74.34 | 19.44 | -54.90 | -13.00 | -41.90 | peak | H |
| 9 | 7156.000 | -74.03 | 25.54 | -48.49 | -13.00 | -35.49 | peak | H |
| 1 | 131.5000 | -82.57 | 19.57 | -63.00 | -13.00 | -50.00 | peak | V |
| 2 | 208.0000 | -80.50 | 9.42 | -71.08 | -13.00 | -58.08 | peak | V |
| 3 | 299.0000 | -81.76 | 3.17 | -78.59 | -13.00 | -65.59 | peak | V |
| 4 | 424.0000 | -80.37 | 1.80 | -78.57 | -13.00 | -65.57 | peak | V |
| 5 | 592.5000 | -80.86 | 7.01 | -73.85 | -13.00 | -60.85 | peak | V |
| 6 | 706.5000 | -81.48 | 11.46 | -70.02 | -13.00 | -57.02 | peak | V |
| 7 | 3316.000 | -71.51 | 15.05 | -56.46 | -13.00 | -43.46 | peak | V |
| 8 | 4816.000 | -73.39 | 19.63 | -53.76 | -13.00 | -40.76 | peak | V |
| 9 | 7168.000 | -75.85 | 25.58 | -50.27 | -13.00 | -37.27 | peak | V |

| | | | |
|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 17 | Date: | 04/29/2015 |
| Channel Bandwidth: | 5 MHz | Test By: | Eric Ou Yang |
| Modulation Technology: | QPSK | | |
| Frequency: | 710.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 160.0000 | -83.24 | 8.40 | -74.84 | -13.00 | -61.84 | peak | H |
| 2 | 219.5000 | -81.99 | -0.01 | -82.00 | -13.00 | -69.00 | peak | H |
| 3 | 366.0000 | -82.46 | 0.55 | -81.91 | -13.00 | -68.91 | peak | H |
| 4 | 489.5000 | -80.21 | 6.73 | -73.48 | -13.00 | -60.48 | peak | H |
| 5 | 619.5000 | -80.46 | 8.07 | -72.39 | -13.00 | -59.39 | peak | H |
| 6 | 755.5000 | -80.98 | 9.80 | -71.18 | -13.00 | -58.18 | peak | H |
| 7 | 3184.000 | -69.93 | 14.37 | -55.56 | -13.00 | -42.56 | peak | H |
| 8 | 4828.000 | -74.16 | 19.66 | -54.50 | -13.00 | -41.50 | peak | H |
| 9 | 7468.000 | -73.08 | 26.85 | -46.23 | -13.00 | -33.23 | peak | H |
| 1 | 133.5000 | -80.20 | 18.78 | -61.42 | -13.00 | -48.42 | peak | V |
| 2 | 203.0000 | -82.60 | 10.20 | -72.40 | -13.00 | -59.40 | peak | V |
| 3 | 299.0000 | -81.62 | 3.17 | -78.45 | -13.00 | -65.45 | peak | V |
| 4 | 436.0000 | -80.05 | 1.92 | -78.13 | -13.00 | -65.13 | peak | V |
| 5 | 497.0000 | -70.70 | 3.08 | -67.62 | -13.00 | -54.62 | peak | V |
| 6 | 667.5000 | -80.92 | 10.23 | -70.69 | -13.00 | -57.69 | peak | V |
| 7 | 3292.000 | -72.02 | 14.93 | -57.09 | -13.00 | -44.09 | peak | V |
| 8 | 4816.000 | -73.61 | 19.63 | -53.98 | -13.00 | -40.98 | peak | V |
| 9 | 7180.000 | -74.53 | 25.64 | -48.89 | -13.00 | -35.89 | peak | V |

| | | | |
|------------------------|-------------------|----------------------|--------------|
| Standard: | FCC Part 27 | Test Distance: | 3m |
| Test item: | Radiated Emission | Power: | AC 120V/60Hz |
| Model Number: | AR7552 | Temp.(°C)/Hum.(%RH): | 26(°C)/60%RH |
| Band: | LTE Band 17 | Date: | 04/29/2015 |
| Channel Bandwidth: | 10 Hz | Test By: | Eric Ou Yang |
| Modulation Technology: | 16QAM | | |
| Frequency: | 710.0 MHz | | |

| No. | Frequency (MHz) | Reading (dBm) | Correct Factor(dB) | Result (dBm) | Limit (dBm) | Margin (dB) | Remark | Ant.Polar. H / V |
|-----|-----------------|---------------|--------------------|--------------|-------------|-------------|--------|------------------|
| 1 | 159.5000 | -82.03 | 8.28 | -73.75 | -13.00 | -60.75 | peak | H |
| 2 | 320.0000 | -80.77 | -0.36 | -81.13 | -13.00 | -68.13 | peak | H |
| 3 | 420.0000 | -81.00 | 3.84 | -77.16 | -13.00 | -64.16 | peak | H |
| 4 | 535.0000 | -80.01 | 8.37 | -71.64 | -13.00 | -58.64 | peak | H |
| 5 | 612.5000 | -79.92 | 8.08 | -71.84 | -13.00 | -58.84 | peak | H |
| 6 | 701.5000 | -81.12 | 8.04 | -73.08 | -13.00 | -60.08 | peak | H |
| 7 | 3172.000 | -70.59 | 14.30 | -56.29 | -13.00 | -43.29 | peak | H |
| 8 | 4816.000 | -74.61 | 19.63 | -54.98 | -13.00 | -41.98 | peak | H |
| 9 | 7180.000 | -74.17 | 25.64 | -48.53 | -13.00 | -35.53 | peak | H |
| 1 | 131.5000 | -82.69 | 19.57 | -63.12 | -13.00 | -50.12 | peak | V |
| 2 | 201.5000 | -82.44 | 10.42 | -72.02 | -13.00 | -59.02 | peak | V |
| 3 | 345.0000 | -81.50 | 1.89 | -79.61 | -13.00 | -66.61 | peak | V |
| 4 | 448.5000 | -80.05 | 2.10 | -77.95 | -13.00 | -64.95 | peak | V |
| 5 | 608.0000 | -81.40 | 8.25 | -73.15 | -13.00 | -60.15 | peak | V |
| 6 | 711.0000 | -81.22 | 11.61 | -69.61 | -13.00 | -56.61 | peak | V |
| 7 | 3280.000 | -71.10 | 14.86 | -56.24 | -13.00 | -43.24 | peak | V |
| 8 | 4804.000 | -74.18 | 19.59 | -54.59 | -13.00 | -41.59 | peak | V |
| 9 | 7204.000 | -75.47 | 25.75 | -49.72 | -13.00 | -36.72 | peak | V |