

## FCC Part 27

## Frequency stability

## n38

| Mode                                              | F <sub>H</sub><br>(MHz) | F <sub>L</sub><br>(MHz) | Limit<br>(MHz) | Result |
|---------------------------------------------------|-------------------------|-------------------------|----------------|--------|
| 10MHz_30kHz_2575,2615MHz_DFT-s<br>QPSK_RB24@0     | 2619.750                | 2570.410                | 2570 ~ 2620    | Pass   |
| 15MHz_30kHz_2577.5,2612.5MHz_DFT-s<br>QPSK_RB36@0 | 2618.900                | 2570.380                | 2570 ~ 2620    | Pass   |
| 20MHz_30kHz_2580,2610MHz_DFT-s<br>QPSK_RB50@0     | 2619.090                | 2570.410                | 2570 ~ 2620    | Pass   |

## n40\_1

| Mode                                          | F <sub>H</sub><br>(MHz) | F <sub>L</sub><br>(MHz) | Limit<br>(MHz) | Result |
|-----------------------------------------------|-------------------------|-------------------------|----------------|--------|
| 10MHz_30kHz_2310,2310MHz_DFT-s<br>QPSK_RB24@0 | 2314.380                | 2305.270                | 2305 ~ 2315    | Pass   |

## n40\_2

| Mode                                          | F <sub>H</sub><br>(MHz) | F <sub>L</sub><br>(MHz) | Limit<br>(MHz) | Result |
|-----------------------------------------------|-------------------------|-------------------------|----------------|--------|
| 10MHz_30kHz_2355,2355MHz_DFT-s<br>QPSK_RB24@0 | 2357.770                | 2350.450                | 2350 ~ 2360    | Pass   |

## n41

| Mode                                                  | F <sub>H</sub><br>(MHz) | F <sub>L</sub><br>(MHz) | Limit<br>(MHz) | Result |
|-------------------------------------------------------|-------------------------|-------------------------|----------------|--------|
| 10MHz_30kHz_2501.01,2685MHz_DFT-s<br>QPSK_RB24@0      | 2689.620                | 2496.230                | 2496 ~ 2690    | Pass   |
| 15MHz_30kHz_2503.5,2682.48MHz_DF<br>T-s QPSK_RB36@0   | 2688.800                | 2496.280                | 2496 ~ 2690    | Pass   |
| 20MHz_30kHz_2506.02,2679.99MHz_D<br>FT-s QPSK_RB50@0  | 2688.960                | 2496.290                | 2496 ~ 2690    | Pass   |
| 40MHz_30kHz_2516.01,2670MHz_DFT-s<br>QPSK_RB100@0     | 2687.010                | 2496.680                | 2496 ~ 2690    | Pass   |
| 50MHz_30kHz_2521.02,2664.99MHz_D<br>FT-s QPSK_RB128@0 | 2687.680                | 2496.410                | 2496 ~ 2690    | Pass   |
| 60MHz_30kHz_2526,2659.98MHz_DFT-s<br>QPSK_RB162@0     | 2689.630                | 2496.180                | 2496 ~ 2690    | Pass   |
| 80MHz_30kHz_2536.02,2649.99MHz_D<br>FT-s QPSK_RB216@0 | 2689.470                | 2542.940                | 2496 ~ 2690    | Pass   |
| 90MHz_30kHz_2541,2644.98MHz_DFT-s<br>QPSK_RB243@0     | 2689.820                | 2527.000                | 2496 ~ 2690    | Pass   |
| 100MHz_30kHz_2546.01,2640MHz_DFT<br>-s QPSK_RB270@0   | 2689.080                | 2496.820                | 2496 ~ 2690    | Pass   |

## n66

| Mode                                               | F <sub>H</sub><br>(MHz) | F <sub>L</sub><br>(MHz) | Limit<br>(MHz) | Result |
|----------------------------------------------------|-------------------------|-------------------------|----------------|--------|
| 5MHz_15kHz_1712.5,1777.5MHz_DFT-s<br>QPSK_RB25@0   | 1779.590                | 1710.320                | 1710 ~ 1780    | Pass   |
| 10MHz_15kHz_1715,1775MHz_DFT-s<br>QPSK_RB50@0      | 1779.600                | 1711.090                | 1710 ~ 1780    | Pass   |
| 15MHz_15kHz_1717.5,1772.5MHz_DFT-s<br>QPSK_RB75@0  | 1779.370                | 1711.060                | 1710 ~ 1780    | Pass   |
| 20MHz_15kHz_1720,1770MHz_DFT-s<br>QPSK_RB100@0     | 1778.760                | 1710.840                | 1710 ~ 1780    | Pass   |
| 25MHz_15kHz_1722.5,1767.5MHz_DFT-s<br>QPSK_RB128@0 | 1778.860                | 1710.180                | 1710 ~ 1780    | Pass   |
| 30MHz_15kHz_1725,1765MHz_DFT-s<br>QPSK_RB160@0     | 1779.170                | 1710.140                | 1710 ~ 1780    | Pass   |

| Mode                                           | F_H<br>(MHz) | F_L<br>(MHz) | Limit<br>(MHz) | Result |
|------------------------------------------------|--------------|--------------|----------------|--------|
| 40MHz_15kHz_1730,1760MHz_DFT-s<br>QPSK_RB216@0 | 1779.770     | 1710.920     | 1710 ~ 1780    | Pass   |

n7

| Mode                                              | F_H<br>(MHz) | F_L<br>(MHz) | Limit<br>(MHz) | Result |
|---------------------------------------------------|--------------|--------------|----------------|--------|
| 5MHz_15kHz_2502.5,2567.5MHz_DFT-s<br>QPSK_RB25@0  | 2569.470     | 2500.910     | 2500 ~ 2570    | Pass   |
| 10MHz_15kHz_2505,2565MHz_DFT-s<br>QPSK_RB50@0     | 2569.530     | 2500.090     | 2500 ~ 2570    | Pass   |
| 15MHz_15kHz_2507.5,2562.5MHz_DFT-s<br>QPSK_RB75@0 | 2569.680     | 2500.350     | 2500 ~ 2570    | Pass   |
| 20MHz_15kHz_2510,2560MHz_DFT-s<br>QPSK_RB100@0    | 2568.690     | 2500.110     | 2500 ~ 2570    | Pass   |

n77\_1

| Mode                                              | F_H<br>(MHz) | F_L<br>(MHz) | Limit<br>(MHz) | Result |
|---------------------------------------------------|--------------|--------------|----------------|--------|
| 10MHz_15kHz_3455,3545MHz_DFT-s<br>QPSK_RB50@0     | 3549.160     | 3450.900     | 3450 ~ 3550    | Pass   |
| 10MHz_30kHz_3455,3545MHz_DFT-s<br>QPSK_RB24@0     | 3549.350     | 3451.120     | 3450 ~ 3550    | Pass   |
| 15MHz_15kHz_3457.5,3542.5MHz_DFT-s<br>QPSK_RB75@0 | 3549.270     | 3450.160     | 3450 ~ 3550    | Pass   |
| 15MHz_30kHz_3457.5,3542.5MHz_DFT-s<br>QPSK_RB36@0 | 3549.000     | 3450.090     | 3450 ~ 3550    | Pass   |
| 20MHz_15kHz_3460,3540MHz_DFT-s<br>QPSK_RB100@0    | 3548.740     | 3451.190     | 3450 ~ 3550    | Pass   |
| 20MHz_30kHz_3460,3540MHz_DFT-s<br>QPSK_RB50@0     | 3549.090     | 3450.700     | 3450 ~ 3550    | Pass   |
| 30MHz_15kHz_3465,3535MHz_DFT-s<br>QPSK_RB160@0    | 3549.470     | 3450.970     | 3450 ~ 3550    | Pass   |
| 40MHz_15kHz_3470,3530MHz_DFT-s<br>QPSK_RB216@0    | 3549.700     | 3451.040     | 3450 ~ 3550    | Pass   |
| 40MHz_30kHz_3470,3530MHz_DFT-s<br>QPSK_RB100@0    | 3547.610     | 3450.400     | 3450 ~ 3550    | Pass   |
| 50MHz_15kHz_3475,3525MHz_DFT-s<br>QPSK_RB270@0    | 3549.730     | 3450.130     | 3450 ~ 3550    | Pass   |
| 50MHz_30kHz_3475,3525MHz_DFT-s<br>QPSK_RB128@0    | 3547.890     | 3450.730     | 3450 ~ 3550    | Pass   |
| 60MHz_30kHz_3480,3520MHz_DFT-s<br>QPSK_RB162@0    | 3549.680     | 3450.530     | 3450 ~ 3550    | Pass   |
| 80MHz_30kHz_3490,3510MHz_DFT-s<br>QPSK_RB216@0    | 3549.810     | 3450.710     | 3450 ~ 3550    | Pass   |
| 90MHz_30kHz_3495,3505MHz_DFT-s<br>QPSK_RB243@0    | 3549.540     | 3480.980     | 3450 ~ 3550    | Pass   |
| 100MHz_30kHz_3500,3500MHz_DFT-s<br>QPSK_RB270@0   | 3549.620     | 3451.240     | 3450 ~ 3550    | Pass   |

n77\_2

| Mode                                              | F_H<br>(MHz) | F_L<br>(MHz) | Limit<br>(MHz) | Result |
|---------------------------------------------------|--------------|--------------|----------------|--------|
| 10MHz_15kHz_3705,3975MHz_DFT-s<br>QPSK_RB50@0     | 3979.480     | 3700.360     | 3700 ~ 3980    | Pass   |
| 10MHz_30kHz_3705,3975MHz_DFT-s<br>QPSK_RB24@0     | 3979.690     | 3700.310     | 3700 ~ 3980    | Pass   |
| 15MHz_15kHz_3707.5,3972.5MHz_DFT-s<br>QPSK_RB75@0 | 3979.420     | 3700.250     | 3700 ~ 3980    | Pass   |
| 15MHz_30kHz_3707.5,3972.5MHz_DFT-s<br>QPSK_RB36@0 | 3978.890     | 3700.090     | 3700 ~ 3980    | Pass   |

| Mode                                            | F_H<br>(MHz) | F_L<br>(MHz) | Limit<br>(MHz) | Result |
|-------------------------------------------------|--------------|--------------|----------------|--------|
| 20MHz_15kHz_3710,3970MHz_DFT-s<br>QPSK_RB100@0  | 3978.850     | 3700.340     | 3700 ~ 3980    | Pass   |
| 20MHz_30kHz_3710,3970MHz_DFT-s<br>QPSK_RB50@0   | 3979.160     | 3700.880     | 3700 ~ 3980    | Pass   |
| 30MHz_15kHz_3715,3965MHz_DFT-s<br>QPSK_RB160@0  | 3979.590     | 3700.600     | 3700 ~ 3980    | Pass   |
| 40MHz_15kHz_3720,3960MHz_DFT-s<br>QPSK_RB216@0  | 3979.780     | 3700.160     | 3700 ~ 3980    | Pass   |
| 40MHz_30kHz_3720,3960MHz_DFT-s<br>QPSK_RB100@0  | 3977.160     | 3700.580     | 3700 ~ 3980    | Pass   |
| 50MHz_15kHz_3725,3955MHz_DFT-s<br>QPSK_RB270@0  | 3977.240     | 3700.250     | 3700 ~ 3980    | Pass   |
| 50MHz_30kHz_3725,3955MHz_DFT-s<br>QPSK_RB128@0  | 3977.620     | 3700.710     | 3700 ~ 3980    | Pass   |
| 60MHz_30kHz_3730,3950MHz_DFT-s<br>QPSK_RB162@0  | 3979.380     | 3714.090     | 3700 ~ 3980    | Pass   |
| 80MHz_30kHz_3740,3940MHz_DFT-s<br>QPSK_RB216@0  | 3979.240     | 3700.840     | 3700 ~ 3980    | Pass   |
| 90MHz_30kHz_3745,3935MHz_DFT-s<br>QPSK_RB243@0  | 3979.100     | 3701.890     | 3700 ~ 3980    | Pass   |
| 100MHz_30kHz_3750,3930MHz_DFT-s<br>QPSK_RB270@0 | 3979.140     | 3749.390     | 3700 ~ 3980    | Pass   |

## n78\_1

| Mode                                              | F_H<br>(MHz) | F_L<br>(MHz) | Limit<br>(MHz) | Result |
|---------------------------------------------------|--------------|--------------|----------------|--------|
| 10MHz_30kHz_3455,3545MHz_DFT-s<br>QPSK_RB24@0     | 3549.300     | 3450.180     | 3450 ~ 3550    | Pass   |
| 15MHz_30kHz_3457.5,3542.5MHz_DFT-s<br>QPSK_RB36@0 | 3548.820     | 3450.560     | 3450 ~ 3550    | Pass   |
| 25MHz_30kHz_3462.5,3537.5MHz_DFT-s<br>QPSK_RB64@0 | 3549.460     | 3450.500     | 3450 ~ 3550    | Pass   |
| 30MHz_30kHz_3465,3535MHz_DFT-s<br>QPSK_RB75@0     | 3548.750     | 3450.350     | 3450 ~ 3550    | Pass   |
| 40MHz_30kHz_3470,3530MHz_DFT-s<br>QPSK_RB100@0    | 3547.830     | 3450.610     | 3450 ~ 3550    | Pass   |
| 50MHz_30kHz_3475,3525MHz_DFT-s<br>QPSK_RB128@0    | 3548.240     | 3450.600     | 3450 ~ 3550    | Pass   |
| 60MHz_30kHz_3480,3520MHz_DFT-s<br>QPSK_RB162@0    | 3549.930     | 3450.480     | 3450 ~ 3550    | Pass   |
| 70MHz_30kHz_3485,3515MHz_DFT-s<br>QPSK_RB180@0    | 3546.420     | 3450.430     | 3450 ~ 3550    | Pass   |
| 80MHz_30kHz_3490,3510MHz_DFT-s<br>QPSK_RB216@0    | 3548.970     | 3450.850     | 3450 ~ 3550    | Pass   |
| 90MHz_30kHz_3495,3505MHz_DFT-s<br>QPSK_RB243@0    | 3549.360     | 3454.030     | 3450 ~ 3550    | Pass   |
| 100MHz_30kHz_3500,3500MHz_DFT-s<br>QPSK_RB270@0   | 3549.270     | 3450.980     | 3450 ~ 3550    | Pass   |

## n78\_2

| Mode                                               | F_H<br>(MHz) | F_L<br>(MHz) | Limit<br>(MHz) | Result |
|----------------------------------------------------|--------------|--------------|----------------|--------|
| 10MHz_15kHz_3705,3795MHz_DFT-s<br>QPSK_RB50@0      | 3799.450     | 3700.810     | 3700 ~ 3800    | Pass   |
| 15MHz_15kHz_3707.5,3792.5MHz_DFT-s<br>QPSK_RB75@0  | 3799.060     | 3700.020     | 3700 ~ 3800    | Pass   |
| 25MHz_15kHz_3712.5,3787.5MHz_DFT-s<br>QPSK_RB128@0 | 3798.890     | 3700.360     | 3700 ~ 3800    | Pass   |
| 30MHz_15kHz_3715,3785MHz_DFT-s<br>QPSK_RB160@0     | 3799.590     | 3700.680     | 3700 ~ 3800    | Pass   |

| Mode                                           | F_H<br>(MHz) | F_L<br>(MHz) | Limit<br>(MHz) | Result |
|------------------------------------------------|--------------|--------------|----------------|--------|
| 40MHz_15kHz_3720,3780MHz_DFT-s<br>QPSK_RB216@0 | 3779.070     | 3700.650     | 3700 ~ 3800    | Pass   |
| 50MHz_15kHz_3725,3775MHz_DFT-s<br>QPSK_RB270@0 | 3779.320     | 3700.530     | 3700 ~ 3800    | Pass   |