

## FCC Part 27

## Frequency stability

n41 20°C -3.45VDC

Mode	F <sub>H</sub> (MHz)	F <sub>L</sub> (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT-s QPSK_RB24@0	2689.800	2496.560	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2688.880	2496.020	2496 ~ 2690	Pass
20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2688.980	2496.860	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT-s QPSK_RB100@0	2687.570	2496.560	2496 ~ 2690	Pass
50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.750	2496.580	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT-s QPSK_RB162@0	2689.730	2496.360	2496 ~ 2690	Pass
80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.510	2543.090	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT-s QPSK_RB243@0	2689.820	2526.970	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT-s QPSK_RB270@0	2689.040	2496.670	2496 ~ 2690	Pass

n41 20°C -4.45VDC

Mode	F <sub>H</sub> (MHz)	F <sub>L</sub> (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT-s QPSK_RB24@0	2689.700	2496.580	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2688.980	2496.130	2496 ~ 2690	Pass
20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2689.070	2496.870	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT-s QPSK_RB100@0	2687.600	2496.500	2496 ~ 2690	Pass
50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.600	2496.710	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT-s QPSK_RB162@0	2689.720	2496.260	2496 ~ 2690	Pass
80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.610	2543.090	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT-s QPSK_RB243@0	2689.770	2527.090	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT-s QPSK_RB270@0	2689.080	2496.690	2496 ~ 2690	Pass

n41 -30°C -3.87VDC

Mode	F <sub>H</sub> (MHz)	F <sub>L</sub> (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT-s QPSK_RB24@0	2689.750	2496.590	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2688.840	2496.960	2496 ~ 2690	Pass
20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2689.000	2496.820	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT-s QPSK_RB100@0	2687.550	2496.410	2496 ~ 2690	Pass
50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.750	2496.600	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT-s QPSK_RB162@0	2689.860	2495.970	2496 ~ 2690	Pass

80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.600	2542.980	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT- s QPSK_RB243@0	2689.760	2526.980	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT -s QPSK_RB270@0	2688.990	2496.700	2496 ~ 2690	Pass

n41 -20°C-3.87VDC

Mode	F_H (MHz)	F_L (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT- s QPSK_RB24@0	2689.800	2496.480	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2688.810	2496.060	2496 ~ 2690	Pass
20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2688.970	2496.860	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT- s QPSK_RB100@0	2687.620	2496.520	2496 ~ 2690	Pass
50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.760	2496.540	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT- s QPSK_RB162@0	2689.820	2496.970	2496 ~ 2690	Pass
80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.610	2543.060	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT- s QPSK_RB243@0	2689.690	2526.990	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT -s QPSK_RB270@0	2689.140	2496.670	2496 ~ 2690	Pass

n41 -10°C-3.87VDC

Mode	F_H (MHz)	F_L (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT- s QPSK_RB24@0	2689.830	2496.550	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2688.870	2496.960	2496 ~ 2690	Pass
20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2689.070	2496.990	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT- s QPSK_RB100@0	2687.490	2496.540	2496 ~ 2690	Pass
50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.730	2496.700	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT- s QPSK_RB162@0	2689.870	2496.050	2496 ~ 2690	Pass
80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.600	2542.990	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT- s QPSK_RB243@0	2689.780	2527.140	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT -s QPSK_RB270@0	2689.160	2496.670	2496 ~ 2690	Pass

n41 0°C-3.87VDC

Mode	F_H (MHz)	F_L (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT- s QPSK_RB24@0	2689.850	2496.530	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2688.960	2496.060	2496 ~ 2690	Pass
20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2688.930	2496.960	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT- s QPSK_RB100@0	2687.650	2496.490	2496 ~ 2690	Pass

50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.730	2496.550	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT- s QPSK_RB162@0	2689.690	2496.970	2496 ~ 2690	Pass
80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.510	2543.070	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT- s QPSK_RB243@0	2689.620	2527.030	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT -s QPSK_RB270@0	2689.100	2496.570	2496 ~ 2690	Pass

## n41 10°C -3.87VDC

Mode	F_H (MHz)	F_L (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT- s QPSK_RB24@0	2689.710	2496.580	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2688.880	2496.940	2496 ~ 2690	Pass
20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2688.940	2496.970	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT- s QPSK_RB100@0	2687.650	2496.450	2496 ~ 2690	Pass
50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.590	2496.640	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT- s QPSK_RB162@0	2689.810	2496.070	2496 ~ 2690	Pass
80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.580	2543.000	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT- s QPSK_RB243@0	2689.790	2527.120	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT -s QPSK_RB270@0	2688.990	2496.640	2496 ~ 2690	Pass

## n41 20°C -3.87VDC

Mode	F_H (MHz)	F_L (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT- s QPSK_RB24@0	2689.680	2496.570	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2688.980	2496.990	2496 ~ 2690	Pass
20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2689.060	2496.950	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT- s QPSK_RB100@0	2687.550	2496.480	2496 ~ 2690	Pass
50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.670	2496.550	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT- s QPSK_RB162@0	2689.810	2496.960	2496 ~ 2690	Pass
80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.580	2543.100	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT- s QPSK_RB243@0	2689.790	2527.160	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT -s QPSK_RB270@0	2689.120	2496.720	2496 ~ 2690	Pass

## n41 30°C -3.87VDC

Mode	F_H (MHz)	F_L (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT- s QPSK_RB24@0	2689.680	2496.600	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2689.010	2496.060	2496 ~ 2690	Pass

20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2689.070	2496.840	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT- s QPSK_RB100@0	2687.550	2496.600	2496 ~ 2690	Pass
50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.580	2496.720	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT- s QPSK_RB162@0	2689.830	2496.060	2496 ~ 2690	Pass
80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.510	2542.960	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT- s QPSK_RB243@0	2689.800	2527.100	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT -s QPSK_RB270@0	2689.070	2496.680	2496 ~ 2690	Pass

## n41 40°C-3.87VDC

Mode	F <sub>H</sub> (MHz)	F <sub>L</sub> (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT- s QPSK_RB24@0	2689.700	2496.520	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2688.970	2496.090	2496 ~ 2690	Pass
20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2688.950	2496.850	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT- s QPSK_RB100@0	2687.590	2496.540	2496 ~ 2690	Pass
50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.770	2496.670	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT- s QPSK_RB162@0	2689.840	2496.960	2496 ~ 2690	Pass
80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.580	2543.040	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT- s QPSK_RB243@0	2689.760	2527.020	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT -s QPSK_RB270@0	2689.040	2496.680	2496 ~ 2690	Pass

## n41 50°C-3.87VDC

Mode	F <sub>H</sub> (MHz)	F <sub>L</sub> (MHz)	Limit (MHz)	Result
10MHz_30kHz_2501.01,2685MHz_DFT- s QPSK_RB24@0	2689.750	2496.590	2496 ~ 2690	Pass
15MHz_30kHz_2503.5,2682.48MHz_DF T-s QPSK_RB36@0	2688.820	2496.980	2496 ~ 2690	Pass
20MHz_30kHz_2506.02,2679.99MHz_D FT-s QPSK_RB50@0	2689.050	2497.000	2496 ~ 2690	Pass
40MHz_30kHz_2516.01,2670MHz_DFT- s QPSK_RB100@0	2687.480	2496.470	2496 ~ 2690	Pass
50MHz_30kHz_2521.02,2664.99MHz_D FT-s QPSK_RB128@0	2687.670	2496.660	2496 ~ 2690	Pass
60MHz_30kHz_2526,2659.98MHz_DFT- s QPSK_RB162@0	2689.730	2496.110	2496 ~ 2690	Pass
80MHz_30kHz_2536.02,2649.99MHz_D FT-s QPSK_RB216@0	2689.610	2542.970	2496 ~ 2690	Pass
90MHz_30kHz_2541,2644.98MHz_DFT- s QPSK_RB243@0	2689.680	2527.150	2496 ~ 2690	Pass
100MHz_30kHz_2546.01,2640MHz_DFT -s QPSK_RB270@0	2689.000	2496.710	2496 ~ 2690	Pass