

Appendix T3 -Frequency stability

20°C-4.45V_{DC}

n66

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-sQPSK_RB25@0	1710.191	1779.882	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT-sQPSK_RB50@0	1710.099	1779.920	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT-sQPSK_RB75@0	1710.104	1779.860	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT-sQPSK_RB100@0	1710.109	1779.933	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT-sQPSK_RB128@0	1710.135	1779.825	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT-sQPSK_RB160@0	1710.074	1779.942	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT-sQPSK_RB216@0	1710.095	1779.816	1710~1780	Pass

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT-sQPSK_RB25@0	663.021	697.927	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQPSK_RB50@0	663.018	697.969	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT-sQPSK_RB75@0	663.021	697.995	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQPSK_RB100@0	663.062	697.920	663~698	Pass

20°C-3.25 V_{DC}

n66

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-sQPSK_RB25@0	1710.011	1779.973	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT-sQPSK_RB50@0	1710.119	1779.920	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT-sQPSK_RB75@0	1710.030	1779.902	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT-sQPSK_RB100@0	1710.094	1779.988	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT-sQPSK_RB128@0	1710.094	1779.949	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT-sQPSK_RB160@0	1710.044	1779.936	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT-sQPSK_RB216@0	1710.100	1779.986	1710~1780	Pass

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT-sQPSK_RB25@0	663.065	697.988	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQPSK_RB50@0	663.097	697.907	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT-sQPSK_RB75@0	663.078	697.917	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQPSK_RB100@0	663.025	697.987	663~698	Pass

0°C-3.87 V_{DC}

n66

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-sQPSK_RB25@0	1710.098	1779.893	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT-sQPSK_RB50@0	1710.139	1779.835	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT-sQPSK_RB75@0	1710.192	1779.820	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT-sQPSK_RB100@0	1710.153	1779.853	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT-sQPSK_RB128@0	1710.117	1779.808	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT-sQPSK_RB160@0	1710.095	1779.865	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT-sQPSK_RB216@0	1710.090	1779.936	1710~1780	Pass

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT-sQPSK_RB25@0	663.088	697.980	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQPSK_RB50@0	663.036	697.950	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT-sQPSK_RB75@0	663.013	697.951	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQPSK_RB100@0	663.070	697.915	663~698	Pass

10°C-3.87 V_{DC}

n66

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-sQPSK_RB25@0	1710.153	1779.942	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT-sQPSK_RB50@0	1710.076	1779.820	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT-sQPSK_RB75@0	1710.122	1779.924	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT-sQPSK_RB100@0	1710.016	1779.965	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT-sQPSK_RB128@0	1710.031	1779.983	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT-sQPSK_RB160@0	1710.065	1779.845	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT-sQPSK_RB216@0	1710.200	1779.830	1710~1780	Pass

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT-sQPSK_RB25@0	663.099	697.901	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQPSK_RB50@0	663.060	697.936	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT-sQPSK_RB75@0	663.088	697.941	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQPSK_RB100@0	663.061	697.971	663~698	Pass

20°C-3.87 V_{DC}

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-sQPSK_RB25@0	1710.069	1779.972	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT-sQPSK_RB50@0	1710.064	1779.979	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT-sQPSK_RB75@0	1710.061	1779.986	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT-sQPSK_RB100@0	1710.024	1779.807	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT-sQPSK_RB128@0	1710.025	1779.804	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT-sQPSK_RB160@0	1710.056	1779.845	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT-sQPSK_RB216@0	1710.056	1779.803	1710~1780	Pass

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT-sQPSK_RB25@0	663.007	697.991	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQPSK_RB50@0	663.001	697.948	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT-sQPSK_RB75@0	663.005	697.998	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQPSK_RB100@0	663.066	697.937	663~698	Pass

30°C-3.87 V_{DC}

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-sQPSK_RB25@0	1710.063	1779.937	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT-sQPSK_RB50@0	1710.021	1779.871	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT-sQPSK_RB75@0	1710.149	1779.927	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT-sQPSK_RB100@0	1710.119	1779.966	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT-sQPSK_RB128@0	1710.170	1779.987	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT-sQPSK_RB160@0	1710.168	1779.852	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT-sQPSK_RB216@0	1710.086	1779.980	1710~1780	Pass

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT-sQPSK_RB25@0	663.047	697.907	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQPSK_RB50@0	663.058	697.960	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT-sQPSK_RB75@0	663.084	697.916	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQPSK_RB100@0	663.066	697.958	663~698	Pass

40°C-3.87 V_{DC}

n66

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-sQPSK_RB25@0	1710.105	1779.921	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT-sQPSK_RB50@0	1710.179	1779.859	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT-sQPSK_RB75@0	1710.112	1779.866	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT-sQPSK_RB100@0	1710.061	1779.809	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT-sQPSK_RB128@0	1710.074	1779.905	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT-sQPSK_RB160@0	1710.167	1779.878	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT-sQPSK_RB216@0	1710.079	1779.811	1710~1780	Pass

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT-sQPSK_RB25@0	663.070	697.965	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQPSK_RB50@0	663.019	697.926	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT-sQPSK_RB75@0	663.099	697.971	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQPSK_RB100@0	663.049	697.984	663~698	Pass

50°C-3.87 V_{DC}

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-sQPSK_RB25@0	1710.102	1779.871	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT-sQPSK_RB50@0	1710.019	1779.872	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT-sQPSK_RB75@0	1710.107	1779.948	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT-sQPSK_RB100@0	1710.165	1779.916	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT-sQPSK_RB128@0	1710.086	1779.951	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT-sQPSK_RB160@0	1710.069	1779.915	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT-sQPSK_RB216@0	1710.146	1779.962	1710~1780	Pass

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT-sQPSK_RB25@0	663.003	697.950	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQPSK_RB50@0	663.030	697.906	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT-sQPSK_RB75@0	663.087	697.976	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQPSK_RB100@0	663.098	697.980	663~698	Pass

-10°C-3.87 V_{DC}

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-sQPSK_RB25@0	1710.087	1779.929	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT-sQPSK_RB50@0	1710.173	1779.866	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT-sQPSK_RB75@0	1710.000	1779.973	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT-sQPSK_RB100@0	1710.065	1779.899	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT-sQPSK_RB128@0	1710.070	1779.843	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT-sQPSK_RB160@0	1710.017	1779.831	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT-sQPSK_RB216@0	1710.013	1779.908	1710~1780	Pass

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT-sQPSK_RB25@0	663.084	697.930	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQPSK_RB50@0	663.065	697.972	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT-sQPSK_RB75@0	663.060	697.976	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQPSK_RB100@0	663.071	697.923	663~698	Pass

-20°C-3.87 V_{DC}

n66

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-s QPSK_RB25@0	1710.069	1779.920	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT- sQPSK_RB50@0	1710.037	1779.984	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT- sQPSK_RB75@0	1710.090	1779.988	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT- sQPSK_RB100@0	1710.045	1779.855	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT- sQPSK_RB128@0	1710.186	1779.904	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT- sQPSK_RB160@0	1710.050	1779.889	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT- sQPSK_RB216@0	1710.139	1779.920	1710~1780	Pass

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Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT- sQPSK_RB25@0	663.027	697.937	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQ PSK_RB50@0	663.024	697.930	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT -sQPSK_RB75@0	663.096	697.947	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQ PSK_RB100@0	663.063	697.976	663~698	Pass

-30°C-3.87 V_{DC}

n66

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_1712.5,1777.5MHz_DFT-s QPSK_RB25@0	1710.010	1779.855	1710~1780	Pass
10MHz_15kHz_1715,1775MHz_DFT- sQPSK_RB50@0	1710.108	1779.861	1710~1780	Pass
15MHz_15kHz_1717.5,1772.5MHz_DFT- sQPSK_RB75@0	1710.058	1779.857	1710~1780	Pass
20MHz_15kHz_1720,1770MHz_DFT- sQPSK_RB100@0	1710.091	1779.931	1710~1780	Pass
25MHz_15kHz_1722.5,1767.5MHz_DFT- sQPSK_RB128@0	1710.111	1779.950	1710~1780	Pass
30MHz_15kHz_1725,1765MHz_DFT- sQPSK_RB160@0	1710.092	1779.876	1710~1780	Pass
40MHz_15kHz_1730,1760MHz_DFT- sQPSK_RB216@0	1710.065	1779.906	1710~1780	Pass

n71

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Result
5MHz_15kHz_665.5,695.5MHz_DFT- sQPSK_RB25@0	663.079	697.984	663~698	Pass
10MHz_15kHz_668,693MHz_DFT-sQ PSK_RB50@0	663.061	697.989	663~698	Pass
15MHz_15kHz_670.5,690.5MHz_DFT -sQPSK_RB75@0	663.097	697.910	663~698	Pass
20MHz_15kHz_673,688MHz_DFT-sQ PSK_RB100@0	663.019	697.978	663~698	Pass