

Frequency stability vs. temperature &Frequency stability vs. voltage Compliance

FCC Part 22H

LTE Band 5, TN/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-6.1	-0.007	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-2.7	-0.003	±2.5	Pass

LTE Band 5, T1/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-6.2	-0.007	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-4.6	-0.005	±2.5	Pass

LTE Band 5, T2/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-4.0	-0.005	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-5.3	-0.006	±2.5	Pass

LTE Band 5, T3/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-4.6	-0.006	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-6.4	-0.008	±2.5	Pass

LTE Band 5, T4/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-4.8	-0.006	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-2.6	-0.003	±2.5	Pass

LTE Band 5, T5/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-5.9	-0.007	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-5.7	-0.007	±2.5	Pass

LTE Band 5, T6/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-7.7	-0.009	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-7.7	-0.009	±2.5	Pass

LTE Band 5, T7/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-7.3	-0.009	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-7.4	-0.009	±2.5	Pass

LTE Band 5, T8/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-4.9	-0.006	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-3.2	-0.004	±2.5	Pass

LTE Band 5, TN/VH

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-4.5	-0.005	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-4.6	-0.006	±2.5	Pass

LTE Band 5, TN/VL

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_Middle_QPSK_50@0	836.5	-7.1	-0.009	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-5.7	-0.007	±2.5	Pass

Note:
Frequency Error (ppm)=Frequency Error (MHz)/Test Channel(MHz)*10⁶
TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.
VN: Normal Voltage; VL: Low Voltage; VH: High Voltage.

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LTE Band 2, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1868.931	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.991	1850 ~ 1910	Pass

LTE Band 2, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 2, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1868.931	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.991	1850 ~ 1910	Pass

LTE Band 2, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.991	1850 ~ 1910	Pass

LTE Band 2, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1868.931	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.991	1850 ~ 1910	Pass

LTE Band 2, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.931	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.991	1850 ~ 1910	Pass

LTE Band 2, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1868.931	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 2, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 2, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.931	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 2, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.991	1850 ~ 1910	Pass

LTE Band 2, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.129	1908.991	1850 ~ 1910	Pass

Note:
TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.
VN: Normal Voltage; VL: Low Voltage; VH: High Voltage.

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LTE Band 4, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.069	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.129	1753.991	1710 ~ 1755	Pass

LTE Band 4, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	1710 ~ 1755	Pass

LTE Band 4, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.931	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.129	1753.991	1710 ~ 1755	Pass

LTE Band 4, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.069	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.931	1710 ~ 1755	Pass

LTE Band 4, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.129	1753.991	1710 ~ 1755	Pass

LTE Band 4, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	1710 ~ 1755	Pass

LTE Band 4, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	1710 ~ 1755	Pass

LTE Band 4, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.129	1753.991	1710 ~ 1755	Pass

LTE Band 4, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	1736.129	1753.991	1710 ~ 1755	Pass

LTE Band 4, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.129	1753.991	1710 ~ 1755	Pass

LTE Band 4, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.931	1710 ~ 1755	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.129	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	1710 ~ 1755	Pass

LTE Band 12, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.534	708.496	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.534	708.466	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.466	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.504	715.496	699 ~ 716	Pass

LTE Band 12, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.534	708.466	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.504	708.496	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.504	715.466	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.466	699 ~ 716	Pass

LTE Band 12, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.534	708.466	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.534	708.496	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.466	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.466	699 ~ 716	Pass

LTE Band 12, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.534	708.466	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.504	708.496	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.466	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.466	699 ~ 716	Pass

LTE Band 12, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.534	708.466	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.534	708.496	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.496	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.466	699 ~ 716	Pass

LTE Band 12, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.534	708.466	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.534	708.466	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.504	715.466	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.466	699 ~ 716	Pass

LTE Band 12, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.534	708.466	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.504	708.496	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.504	715.496	699 ~ 716	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_High_16QAM_50@0	706.534	715.496	699 ~ 716	Pass

LTE Band 12, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.504	708.466	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.534	708.496	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.496	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.466	699 ~ 716	Pass

LTE Band 12, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.504	708.466	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.534	708.466	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.466	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.466	699 ~ 716	Pass

LTE Band 12, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.534	708.496	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.534	708.496	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.466	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.564	715.496	699 ~ 716	Pass

LTE Band 12, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.534	708.466	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.534	708.496	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.496	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.496	699 ~ 716	Pass

LTE Band 17, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.496	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.496	704 ~ 716	Pass

LTE Band 17, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.466	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.466	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.466	704 ~ 716	Pass

LTE Band 17, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.504	713.496	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.466	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.466	704 ~ 716	Pass

LTE Band 17, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.504	713.525	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.504	713.466	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.466	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.496	704 ~ 716	Pass

LTE Band 17, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.496	704 ~ 716	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_High_16QAM_50@0	706.534	715.466	704 ~ 716	Pass

LTE Band 17, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.534	713.466	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.466	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.466	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.504	715.466	704 ~ 716	Pass

LTE Band 17, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.534	713.466	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.564	715.466	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.504	715.466	704 ~ 716	Pass

LTE Band 17, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.534	713.466	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.466	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.466	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.466	704 ~ 716	Pass

LTE Band 17, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.534	713.466	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.504	713.496	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.496	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.504	715.496	704 ~ 716	Pass

LTE Band 17, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.496	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.496	704 ~ 716	Pass

LTE Band 17, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.496	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.496	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.496	704 ~ 716	Pass

LTE Band 30, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.534	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.534	2314.466	2305 ~ 2315	Pass

LTE Band 30, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.534	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.504	2314.466	2305 ~ 2315	Pass

LTE Band 30, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.534	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.534	2314.496	2305 ~ 2315	Pass

LTE Band 30, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.534	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.534	2314.466	2305 ~ 2315	Pass

LTE Band 30, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.534	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.534	2314.466	2305 ~ 2315	Pass

LTE Band 30, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.504	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.504	2314.466	2305 ~ 2315	Pass

LTE Band 30, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.534	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.534	2314.466	2305 ~ 2315	Pass

LTE Band 30, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.534	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.534	2314.466	2305 ~ 2315	Pass

LTE Band 30, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.534	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.534	2314.466	2305 ~ 2315	Pass

LTE Band 30, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.534	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.534	2314.496	2305 ~ 2315	Pass

LTE Band 30, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	2305.534	2314.466	2305 ~ 2315	Pass
10MHz_Middle_16QAM_50@0	2305.534	2314.466	2305 ~ 2315	Pass

LTE Band 66, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.931	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.931	1710 ~ 1780	Pass

LTE Band 66, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.931	1710 ~ 1780	Pass

LTE Band 66, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.871	1710 ~ 1780	Pass

LTE Band 66, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.931	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.871	1710 ~ 1780	Pass

LTE Band 66, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.931	1710 ~ 1780	Pass

LTE Band 66, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.931	1710 ~ 1780	Pass

LTE Band 66, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.009	1778.931	1710 ~ 1780	Pass

LTE Band 66, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.931	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.931	1710 ~ 1780	Pass

LTE Band 66, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.009	1778.931	1710 ~ 1780	Pass

LTE Band 66, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	1761.069	1778.991	1710 ~ 1780	Pass

LTE Band 66, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.991	1710 ~ 1780	Pass

Note:
TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.
VN: Normal Voltage; VL: Low Voltage; VH: High Voltage.

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