

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

FCC For 90S

LTE B26_1, TN/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-6.2	-0.008	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-8.5	-0.010	±2.5	Pass

LTE B26_1, T1/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-6.4	-0.008	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-7.0	-0.008	±2.5	Pass

LTE B26_1, T2/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-4.5	-0.006	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-6.7	-0.008	±2.5	Pass

LTE B26_1, T3/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-6.3	-0.008	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-7	-0.009	±2.5	Pass

LTE B26_1, T4/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-6.6	-0.008	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-6.1	-0.007	±2.5	Pass

LTE B26_1, T5/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-4.7	-0.006	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-6.3	-0.008	±2.5	Pass

LTE B26_1, T6/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-5.2	-0.006	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-5.2	-0.006	±2.5	Pass

LTE B26_1, T7/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-6.3	-0.008	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-6.5	-0.008	±2.5	Pass

LTE B26_1, T8/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-7.8	-0.009	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-6.0	-0.007	±2.5	Pass

LTE B26_1, TN/VH

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-8.4	-0.010	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-5.2	-0.006	±2.5	Pass

LTE B26_1, TN/VL

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Low_QPSK_75@0	821.5	-6.0	-0.007	±2.5	Pass
15MHz_Low_16QAM_75@0	821.5	-7.1	-0.009	±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.

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	-12.6	-0.015	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-5.2	-0.006	±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	-8.0	-0.010	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-6.9	-0.008	±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	-3.7	-0.004	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-5.8	-0.007	±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	-2.9	-0.004	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-4.2	-0.005	±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	-5.4	-0.006	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-4.5	-0.005	±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	-7.5	-0.009	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-7.8	-0.009	±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	-6.8	-0.008	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-6.0	-0.007	±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	-4.5	-0.005	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-4.7	-0.006	±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	-3.8	-0.005	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-5.0	-0.006	±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	-5.8	-0.007	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-6.9	-0.008	±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	-4.9	-0.006	±2.5	Pass
10MHz_Middle_16QAM_50@0	836.5	-4.4	-0.005	±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.

LTE B26_2, TN/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-6.1	-0.007	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-6.0	-0.007	±2.5	Pass

LTE B26_2, T1/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-7.6	-0.009	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-7.6	-0.009	±2.5	Pass

LTE B26_2, T2/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-5.3	-0.006	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-3.6	-0.004	±2.5	Pass

LTE B26_2, T3/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-8.7	-0.010	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-7.0	-0.008	±2.5	Pass

LTE B26_2, T4/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-7.4	-0.009	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-6.4	-0.008	±2.5	Pass

LTE B26_2, T5/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-7.7	-0.009	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-5.8	-0.007	±2.5	Pass

LTE B26_2, T6/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-6.0	-0.007	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-7.5	-0.009	±2.5	Pass

LTE B26_2, T7/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-6.0	-0.007	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-6.8	-0.008	±2.5	Pass

LTE B26_2, T8/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-7.9	-0.009	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-6.4	-0.008	±2.5	Pass

LTE B26_2, TN/VH

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-5.5	-0.007	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-5.1	-0.006	±2.5	Pass

LTE B26_2, TN/VL

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_Middle_QPSK_75@0	836.5	-6.9	-0.008	±2.5	Pass
15MHz_Middle_16QAM_75@0	836.5	-4.4	-0.005	±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.

FCC Part 24E**LTE Band 2, TN/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	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 2, T1/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	1908.871	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	1868.991	1850 ~ 1910	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	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	1851.129	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 2, T4/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	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 2, T5/VN

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	1851.189	1868.991	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.069	1908.991	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.129	1908.931	1850 ~ 1910	Pass

LTE Band 2, T6/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	1891.069	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.129	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	1851.129	1868.931	1850 ~ 1910	Pass
20MHz_High_QPSK_100@0	1891.129	1908.931	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	1868.991	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

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

LTE Band 2, TN/VL

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	1908.931	1850 ~ 1910	Pass
20MHz_High_16QAM_100@0	1891.069	1908.931	1850 ~ 1910	Pass

LTE Band 25, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.991	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.069	1913.991	1850 ~ 1915	Pass
20MHz_High_16QAM_100@0	1896.069	1913.991	1850 ~ 1915	Pass

LTE Band 25, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1869.051	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.931	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.009	1913.931	1850 ~ 1915	Pass
20MHz_High_16QAM_100@0	1896.009	1913.931	1850 ~ 1915	Pass

LTE Band 25, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.069	1913.991	1850 ~ 1915	Pass
20MHz_High_16QAM_100@0	1896.069	1913.931	1850 ~ 1915	Pass

LTE Band 25, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.069	1868.991	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.189	1868.991	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.069	1913.991	1850 ~ 1915	Pass
20MHz_High_16QAM_100@0	1896.009	1913.931	1850 ~ 1915	Pass

LTE Band 25, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.931	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.069	1913.931	1850 ~ 1915	Pass
20MHz_High_16QAM_100@0	1896.069	1913.931	1850 ~ 1915	Pass

LTE Band 25, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.069	1868.991	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.069	1913.931	1850 ~ 1915	Pass
20MHz_High_16QAM_100@0	1896.069	1913.931	1850 ~ 1915	Pass

LTE Band 25, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.069	1913.991	1850 ~ 1915	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	1896.069	1913.991	1850 ~ 1915	Pass

LTE Band 25, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.069	1913.931	1850 ~ 1915	Pass
20MHz_High_16QAM_100@0	1896.009	1913.991	1850 ~ 1915	Pass

LTE Band 25, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.931	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.069	1913.991	1850 ~ 1915	Pass
20MHz_High_16QAM_100@0	1896.069	1913.991	1850 ~ 1915	Pass

LTE Band 25, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.069	1913.991	1850 ~ 1915	Pass
20MHz_High_16QAM_100@0	1896.069	1913.931	1850 ~ 1915	Pass

LTE Band 25, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_Low_16QAM_100@0	1851.129	1868.991	1850 ~ 1915	Pass
20MHz_High_QPSK_100@0	1896.069	1913.991	1850 ~ 1915	Pass
20MHz_High_16QAM_100@0	1896.069	1913.931	1850 ~ 1915	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.

FCC Part 27

LTE Band 4, TN/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	1711.129	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, 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	1728.931	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.069	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.931	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	1711.129	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, T3/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	1736.069	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.069	1753.991	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	1736.069	1753.931	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	1711.129	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, T6/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	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.069	1753.931	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.129	1753.931	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	1711.129	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, T8/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	1736.069	1753.931	1710 ~ 1755	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	1736.069	1753.931	1710 ~ 1755	Pass

LTE Band 4, TN/VH

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	1711.129	1728.991	1710 ~ 1755	Pass
20MHz_High_QPSK_100@0	1736.069	1753.991	1710 ~ 1755	Pass
20MHz_High_16QAM_100@0	1736.129	1753.931	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	1728.991	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	1753.991	1710 ~ 1755	Pass

LTE Band 7, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.069	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.991	2500 ~ 2570	Pass

LTE Band 7, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.069	2518.931	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.931	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.931	2500 ~ 2570	Pass

LTE Band 7, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.991	2500 ~ 2570	Pass

LTE Band 7, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.129	2568.991	2500 ~ 2570	Pass

LTE Band 7, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.129	2568.991	2500 ~ 2570	Pass

LTE Band 7, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2519.051	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.991	2500 ~ 2570	Pass

LTE Band 7, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.991	2500 ~ 2570	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	2551.069	2568.991	2500 ~ 2570	Pass

LTE Band 7, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.069	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.129	2568.931	2500 ~ 2570	Pass

LTE Band 7, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.069	2568.931	2500 ~ 2570	Pass

LTE Band 7, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.069	2568.991	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.129	2568.991	2500 ~ 2570	Pass

LTE Band 7, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_Low_16QAM_100@0	2501.129	2518.991	2500 ~ 2570	Pass
20MHz_High_QPSK_100@0	2551.129	2568.931	2500 ~ 2570	Pass
20MHz_High_16QAM_100@0	2551.129	2568.991	2500 ~ 2570	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	708.466	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, 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	699.534	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, T4/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	715.496	699 ~ 716	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
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	699.504	708.496	699 ~ 716	Pass
10MHz_Low_16QAM_50@0	699.534	708.496	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.496	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	699.534	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, T7/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	715.466	699 ~ 716	Pass

LTE Band 12, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	699.534	708.496	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	715.496	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	706.534	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	699.564	708.496	699 ~ 716	Pass
10MHz_High_QPSK_50@0	706.504	715.496	699 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.496	699 ~ 716	Pass

LTE Band 13, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.534	786.466	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.534	786.466	777 ~ 787	Pass

LTE Band 13, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.504	786.466	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.504	786.466	777 ~ 787	Pass

LTE Band 13, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.534	786.496	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.534	786.496	777 ~ 787	Pass

LTE Band 13, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.534	786.466	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.534	786.466	777 ~ 787	Pass

LTE Band 13, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.534	786.466	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.534	786.466	777 ~ 787	Pass

LTE Band 13, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.534	786.466	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.534	786.496	777 ~ 787	Pass

LTE Band 13, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.534	786.466	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.534	786.466	777 ~ 787	Pass

LTE Band 13, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.534	786.466	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.534	786.466	777 ~ 787	Pass

LTE Band 13, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.534	786.466	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.534	786.466	777 ~ 787	Pass

LTE Band 13, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.534	786.466	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.534	786.496	777 ~ 787	Pass

LTE Band 13, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Middle_QPSK_50@0	777.504	786.466	777 ~ 787	Pass
10MHz_Middle_16QAM_50@0	777.534	786.466	777 ~ 787	Pass

LTE Band 17, TN/VN

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

LTE Band 17, T2/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	715.496	704 ~ 716	Pass

LTE Band 17, T3/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	715.496	704 ~ 716	Pass

LTE Band 17, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
10MHz_Low_QPSK_50@0	704.504	713.496	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.466	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.534	715.496	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	715.496	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	704.504	713.466	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.466	704 ~ 716	Pass
10MHz_High_QPSK_50@0	706.504	715.496	704 ~ 716	Pass
10MHz_High_16QAM_50@0	706.534	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	713.496	704 ~ 716	Pass
10MHz_Low_16QAM_50@0	704.534	713.466	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	706.504	715.496	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	704.534	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, 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	713.466	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, 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	713.466	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 38, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2571.129	2588.931	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.129	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.069	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.129	2618.991	2570 ~ 2620	Pass

LTE Band 38, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2571.069	2588.931	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.009	2588.931	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.009	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.069	2618.931	2570 ~ 2620	Pass

LTE Band 38, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2571.129	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.069	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.129	2618.991	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.129	2618.991	2570 ~ 2620	Pass

LTE Band 38, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2571.069	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.069	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.129	2618.991	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.069	2618.991	2570 ~ 2620	Pass

LTE Band 38, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2571.129	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.129	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.129	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.129	2618.991	2570 ~ 2620	Pass

LTE Band 38, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2571.069	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.129	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.069	2618.991	2570 ~ 2620	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	2601.069	2618.991	2570 ~ 2620	Pass

LTE Band 38, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2571.069	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.129	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.069	2618.991	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.129	2618.931	2570 ~ 2620	Pass

LTE Band 38, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2571.129	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.129	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.069	2618.991	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.129	2618.931	2570 ~ 2620	Pass

LTE Band 38, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_16QAM_100@0	2571.129	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.069	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.069	2618.991	2570 ~ 2620	Pass

LTE Band 38, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2571.129	2588.931	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.129	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.129	2618.931	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.069	2618.991	2570 ~ 2620	Pass

LTE Band 38, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2571.069	2588.991	2570 ~ 2620	Pass
20MHz_Low_16QAM_100@0	2571.069	2588.991	2570 ~ 2620	Pass
20MHz_High_QPSK_100@0	2601.129	2618.991	2570 ~ 2620	Pass
20MHz_High_16QAM_100@0	2601.069	2618.991	2570 ~ 2620	Pass

LTE Band 66, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1729.051	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.129	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.129	1778.991	1710 ~ 1780	Pass

LTE Band 66, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.009	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	1761.069	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	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.991	1710 ~ 1780	Pass

LTE Band 66, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.129	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	1761.129	1778.991	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	1711.129	1729.051	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.991	1710 ~ 1780	Pass

LTE Band 66, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.129	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.991	1710 ~ 1780	Pass

LTE Band 66, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	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	1761.069	1778.991	1710 ~ 1780	Pass

LTE Band 66, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.129	1778.991	1710 ~ 1780	Pass

LTE Band 66, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1729.051	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.129	1778.991	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.129	1778.991	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	1711.129	1729.051	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.069	1778.991	1710 ~ 1780	Pass
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	1711.129	1728.991	1710 ~ 1780	Pass
20MHz_Low_16QAM_100@0	1711.069	1728.991	1710 ~ 1780	Pass
20MHz_High_QPSK_100@0	1761.129	1778.931	1710 ~ 1780	Pass
20MHz_High_16QAM_100@0	1761.069	1778.991	1710 ~ 1780	Pass

LTE B41_2, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.129	2553.991	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.069	2553.991	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.129	2653.991	2535 ~ 2655	Pass
20MHz_High_16QAM_100@0	2636.069	2653.991	2535 ~ 2655	Pass

LTE B41_2, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.069	2553.931	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.069	2553.931	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.069	2653.931	2535 ~ 2655	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	2636.069	2653.931	2535 ~ 2655	Pass

LTE B41_2, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.129	2553.991	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.129	2553.991	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.069	2653.991	2535 ~ 2655	Pass
20MHz_High_16QAM_100@0	2636.129	2653.991	2535 ~ 2655	Pass

LTE B41_2, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.069	2553.991	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.069	2553.991	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.129	2653.991	2535 ~ 2655	Pass
20MHz_High_16QAM_100@0	2636.129	2653.991	2535 ~ 2655	Pass

LTE B41_2, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.069	2553.991	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.129	2553.991	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.129	2653.991	2535 ~ 2655	Pass
20MHz_High_16QAM_100@0	2636.069	2653.991	2535 ~ 2655	Pass

LTE B41_2, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.069	2553.991	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.129	2553.991	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.129	2653.991	2535 ~ 2655	Pass
20MHz_High_16QAM_100@0	2636.069	2653.991	2535 ~ 2655	Pass

LTE B41_2, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.129	2553.931	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.069	2553.991	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.069	2653.991	2535 ~ 2655	Pass
20MHz_High_16QAM_100@0	2636.069	2653.991	2535 ~ 2655	Pass

LTE B41_2, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.129	2553.991	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.129	2553.991	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.129	2653.991	2535 ~ 2655	Pass
20MHz_High_16QAM_100@0	2636.069	2653.991	2535 ~ 2655	Pass

LTE B41_2, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.129	2553.991	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.069	2553.991	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.129	2653.991	2535 ~ 2655	Pass
20MHz_High_16QAM_100@0	2636.129	2653.991	2535 ~ 2655	Pass

LTE B41_2, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.129	2553.991	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.069	2553.991	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.129	2653.991	2535 ~ 2655	Pass
20MHz_High_16QAM_100@0	2636.069	2653.991	2535 ~ 2655	Pass

LTE B41_2, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_QPSK_100@0	2536.129	2553.991	2535 ~ 2655	Pass
20MHz_Low_16QAM_100@0	2536.069	2553.991	2535 ~ 2655	Pass
20MHz_High_QPSK_100@0	2636.069	2653.991	2535 ~ 2655	Pass

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_High_16QAM_100@0	2636.069	2653.991	2535 ~ 2655	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.

Duty Cycle

FCC Part 27

LTE Band 38, Normal

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)
5MHz_Middle_QPSK_25@0	2.991	10.002	29.90	5.24
5MHz_Middle_16QAM_25@0	2.991	10.002	29.90	5.24
10MHz_Middle_QPSK_50@0	2.991	10.002	29.90	5.24
10MHz_Middle_16QAM_50@0	2.991	10.002	29.90	5.24
15MHz_Middle_QPSK_75@0	2.991	10.002	29.90	5.24
15MHz_Middle_16QAM_75@0	3.002	10.000	30.02	5.23
20MHz_Middle_QPSK_100@0	2.991	10.002	29.90	5.24
20MHz_Middle_16QAM_100@0	2.986	10.002	29.85	5.25

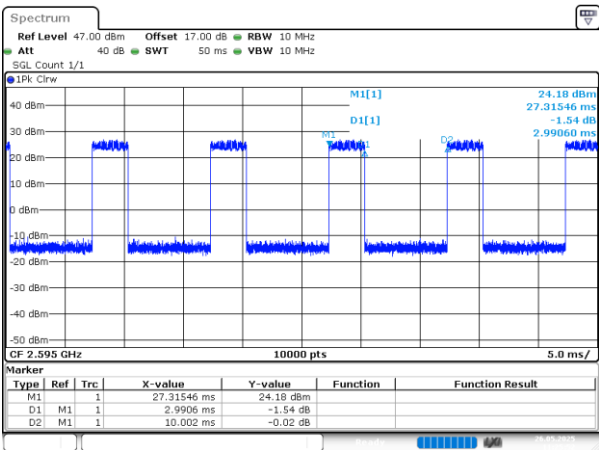
LTE B41_2, Normal

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)
5MHz_Middle_QPSK_25@0	2.996	5.001	59.90	2.23
5MHz_Middle_16QAM_25@0	2.996	5.001	59.90	2.23
10MHz_Middle_QPSK_50@0	2.996	5.004	59.87	2.23
10MHz_Middle_16QAM_50@0	2.993	4.999	59.88	2.23
15MHz_Middle_QPSK_75@0	2.996	5.001	59.90	2.23
15MHz_Middle_16QAM_75@0	2.996	5.001	59.90	2.23
20MHz_Middle_QPSK_100@0	2.996	5.001	59.90	2.23
20MHz_Middle_16QAM_100@0	2.996	5.001	59.90	2.23

Duty Cycle = Ton/(Ton+Toff)*100%

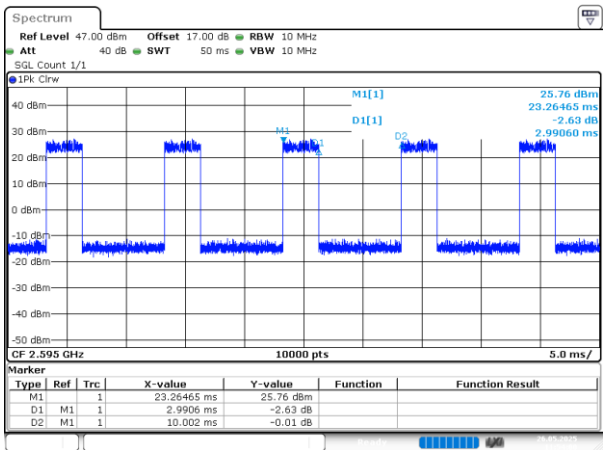
LTE Band 38, Normal

5MHz_Middle_QPSK_25@0



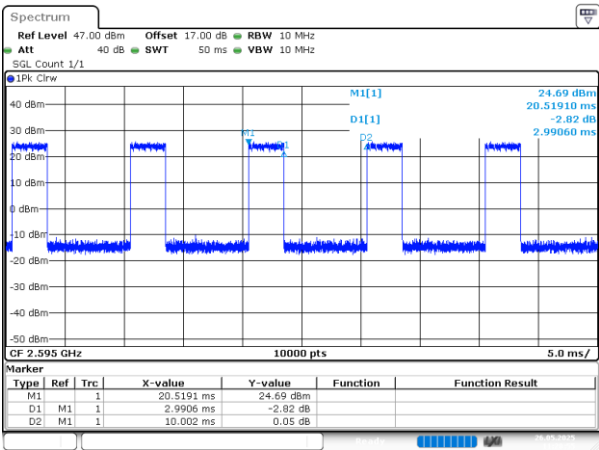
ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 11:25:52

5MHz_Middle_16QAM_25@0



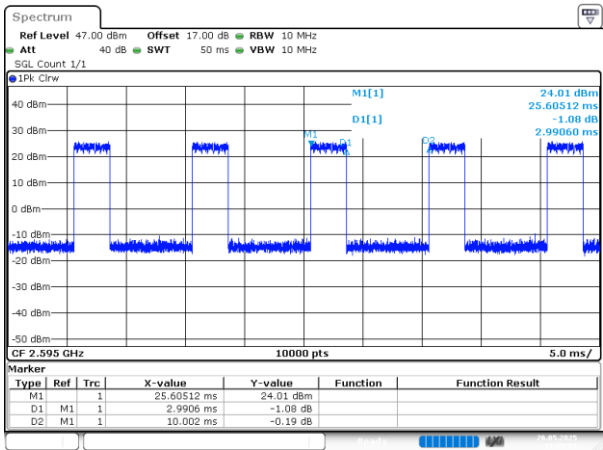
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Date: 26.MAY.2025 11:54:00

10MHz_Middle_QPSK_50@0



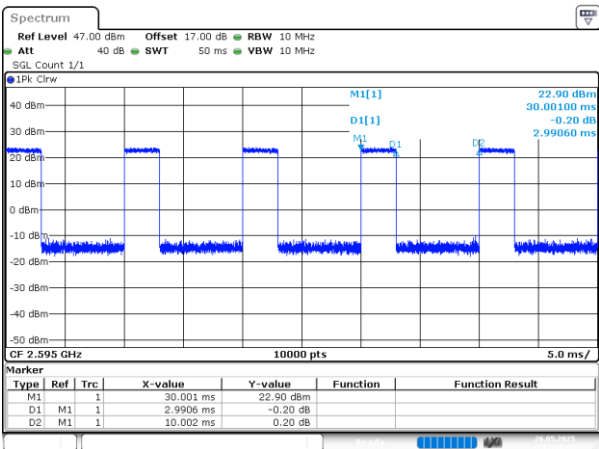
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Date: 26.MAY.2025 11:28:55

10MHz_Middle_16QAM_50@0



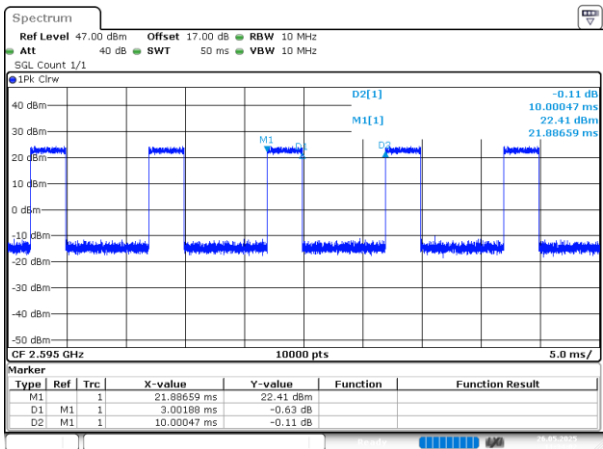
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15MHz_Middle_QPSK_75@0



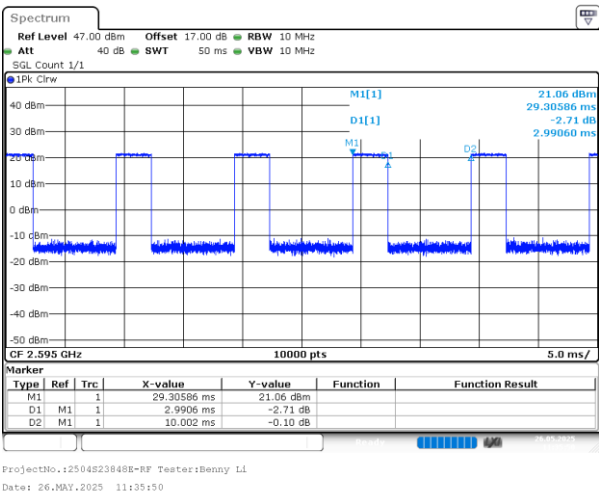
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Date: 26.MAY.2025 11:31:43

15MHz_Middle_16QAM_75@0

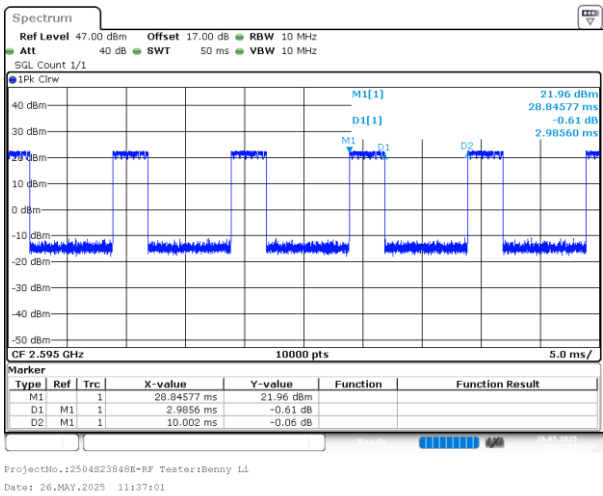


ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 26.MAY.2025 11:34:02

20MHz_Middle_QPSK_100@0

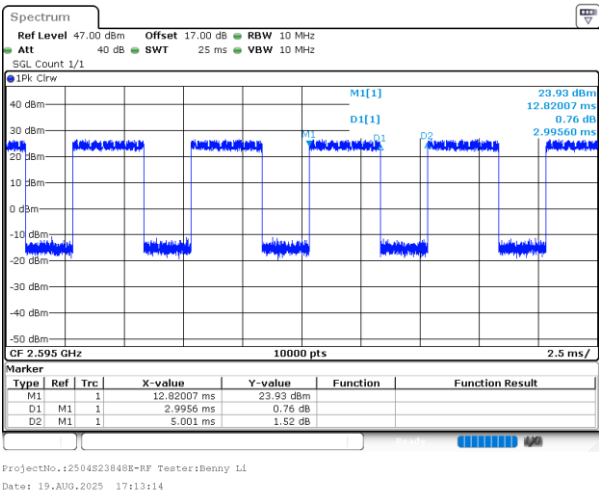


20MHz_Middle_16QAM_100@0

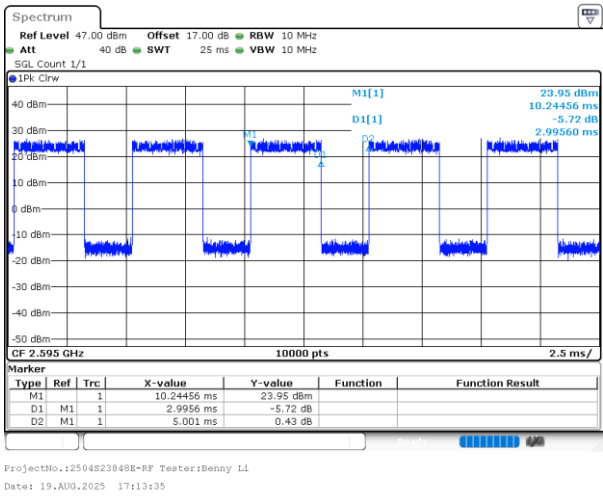


LTE B41_2, Normal

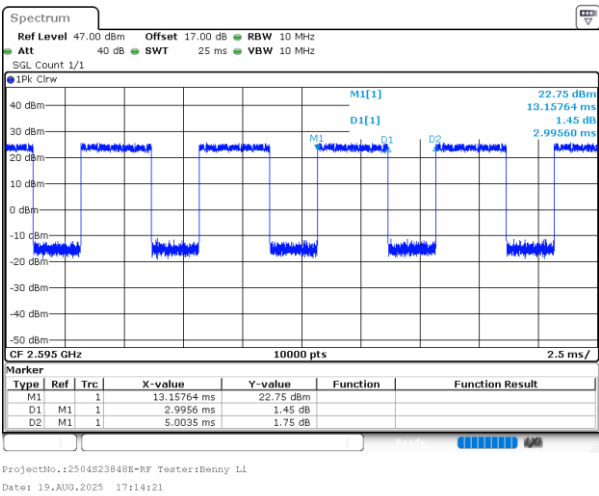
5MHz_Middle_QPSK_25@0



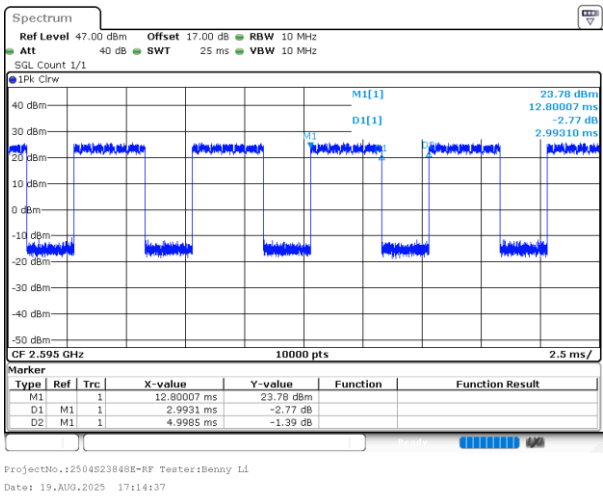
5MHz_Middle_16QAM_25@0



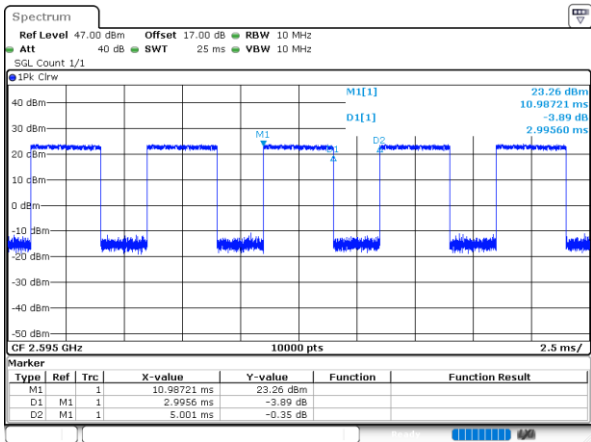
10MHz_Middle_QPSK_50@0



10MHz_Middle_16QAM_50@0

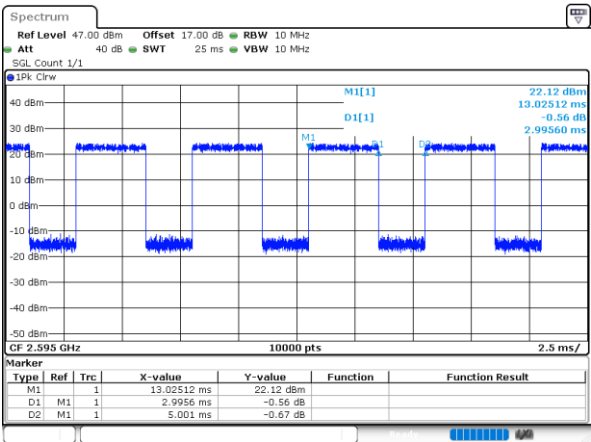


15MHz_Middle_QPSK_75@0



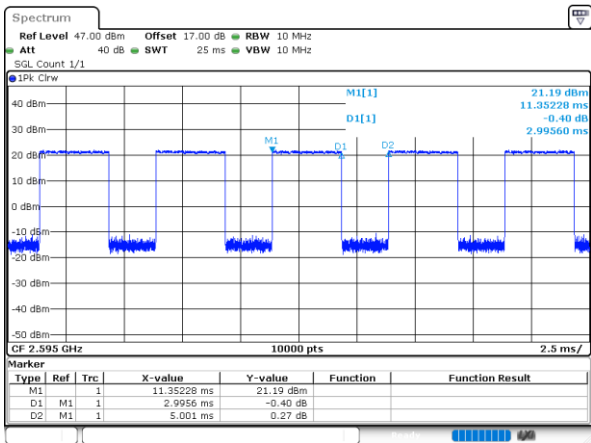
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15MHz_Middle_16QAM_75@0



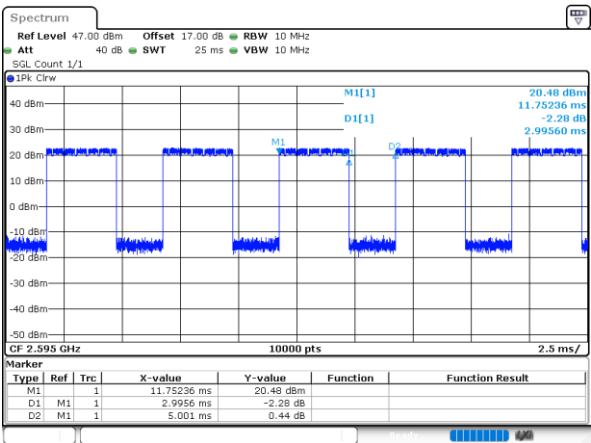
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20MHz_Middle_QPSK_100@0



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 19.AUG.2025 17:17:00

20MHz_Middle_16QAM_100@0



ProjectNo.:2504S23848E-RF Tester:Benny Li
Date: 19.AUG.2025 17:17:16

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