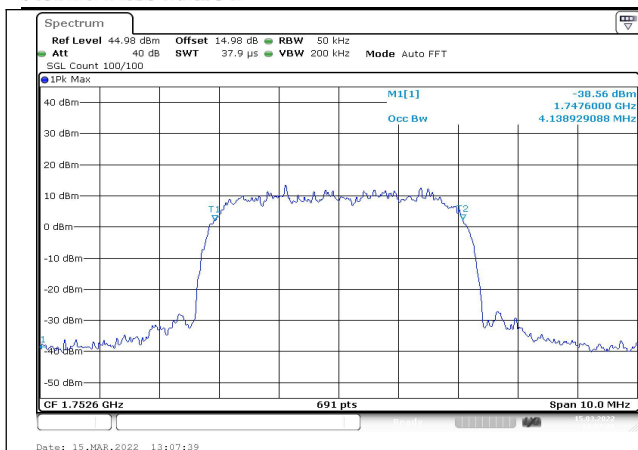
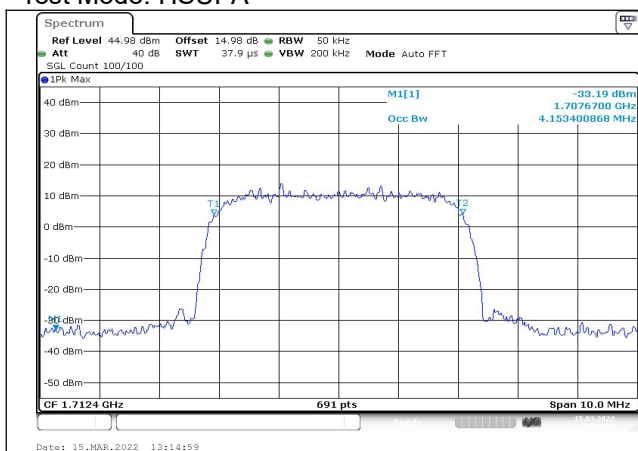


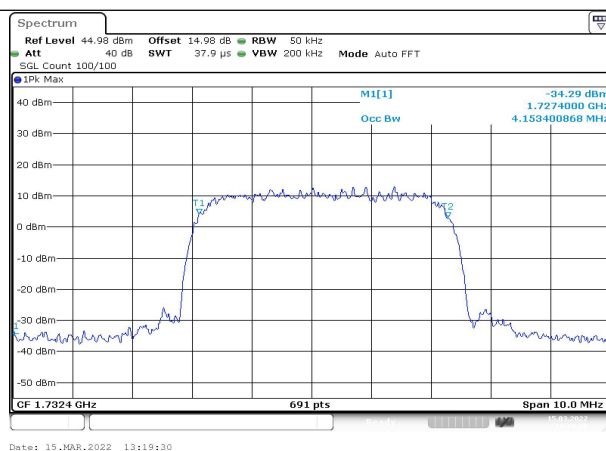


Channel 1513

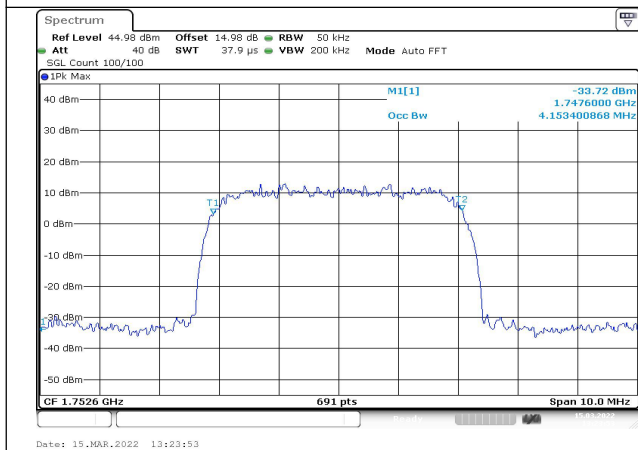
Test Mode: HSUPA



Channel 1312

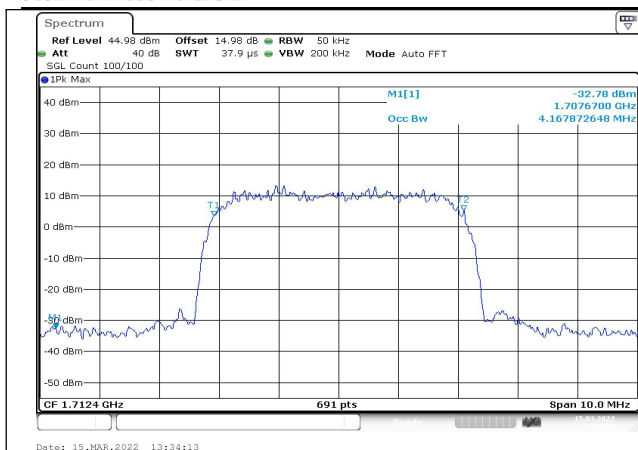


Channel 1412

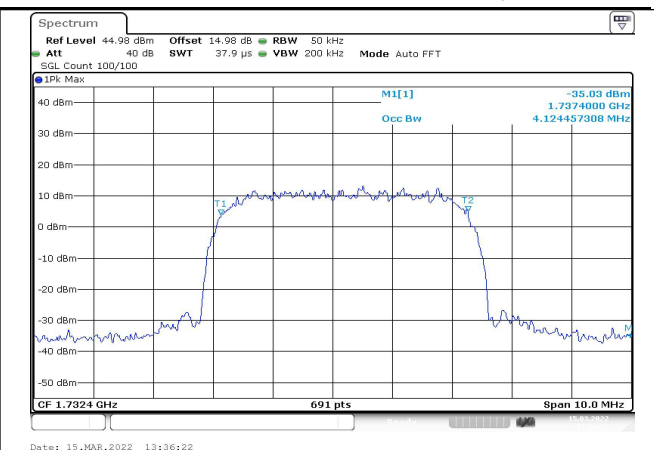


Channel 1513

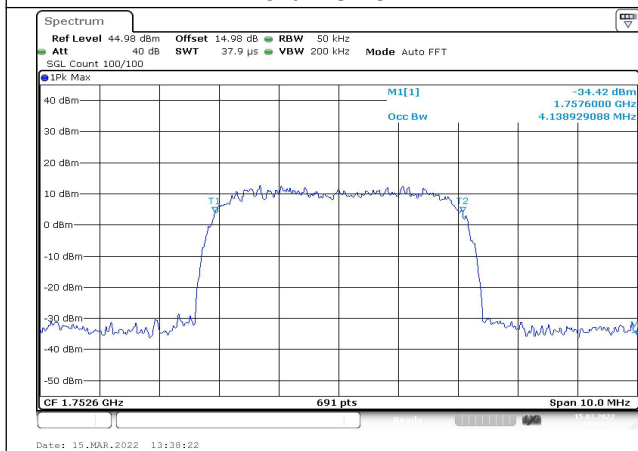
Test Mode: HSPA+



Channel 1312



Channel 1412



Channel 1513

### 3. Emission Bandwidth

#### WCDMA band IV

| Mode       | Carrier frequency (MHz) | Channel No. | Bandwidth of -26dBc Power (MHz) |
|------------|-------------------------|-------------|---------------------------------|
| Release 99 | 1712.4                  | 1312        | 4.65                            |
| Release 99 | 1732.6                  | 1412        | 4.63                            |
| Release 99 | 1752.6                  | 1513        | 4.65                            |

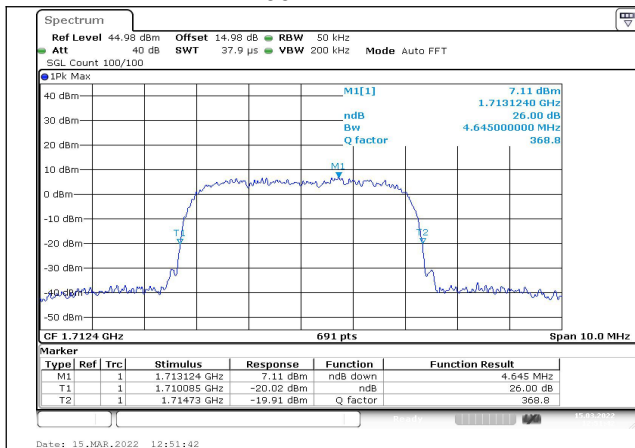
| Mode  | Carrier frequency (MHz) | Channel No. | Bandwidth of -26dBc Power (MHz) |
|-------|-------------------------|-------------|---------------------------------|
| HSDPA | 1712.4                  | 1312        | 4.67                            |
| HSDPA | 1732.6                  | 1412        | 4.65                            |
| HSDPA | 1752.6                  | 1513        | 4.62                            |

| Mode  | Carrier frequency (MHz) | Channel No. | Bandwidth of -26dBc Power (MHz) |
|-------|-------------------------|-------------|---------------------------------|
| HSUPA | 1712.4                  | 1312        | 4.67                            |
| HSUPA | 1732.6                  | 1412        | 4.65                            |
| HSUPA | 1752.6                  | 1513        | 4.65                            |

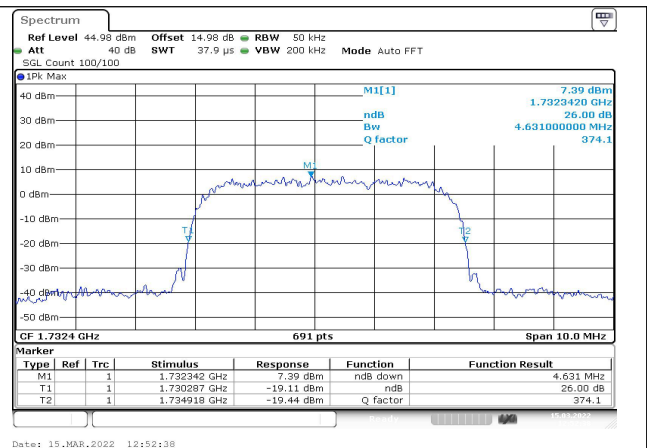
| Mode  | Carrier frequency (MHz) | Channel No. | Bandwidth of -26dBc Power (MHz) |
|-------|-------------------------|-------------|---------------------------------|
| HSPA+ | 1712.4                  | 1312        | 4.66                            |
| HSPA+ | 1732.6                  | 1412        | 4.65                            |
| HSPA+ | 1752.6                  | 1513        | 4.66                            |

#### WCDMA band IV

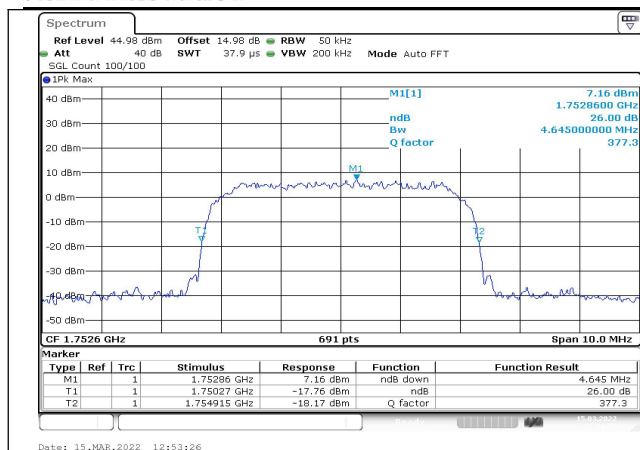
##### Test Mode: Release 99



Channel 1312

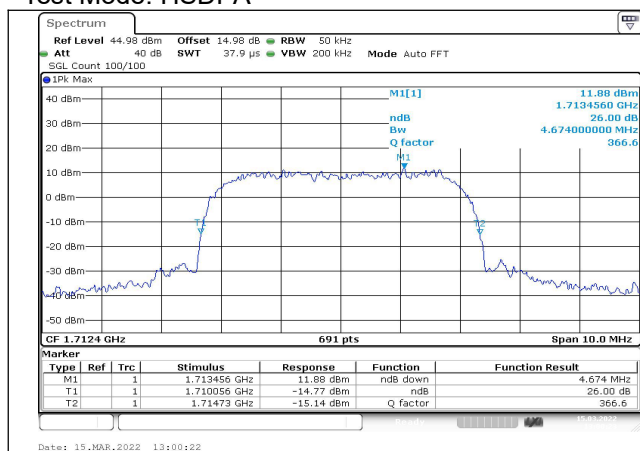


Channel 1412

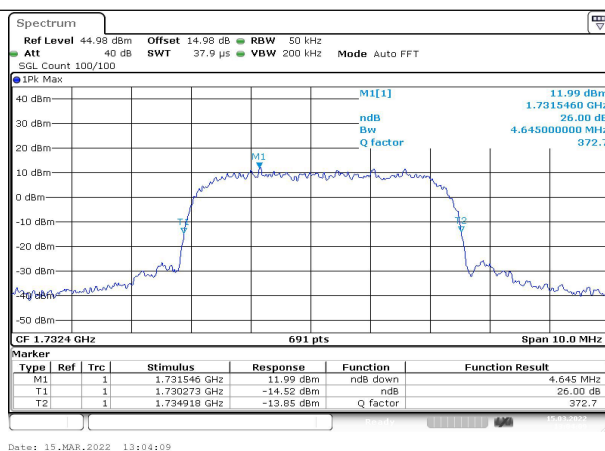


Channel 1513

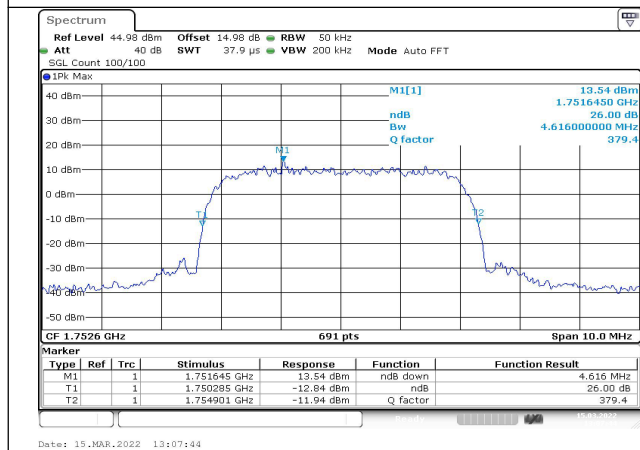
Test Mode: HSDPA



Channel 1312

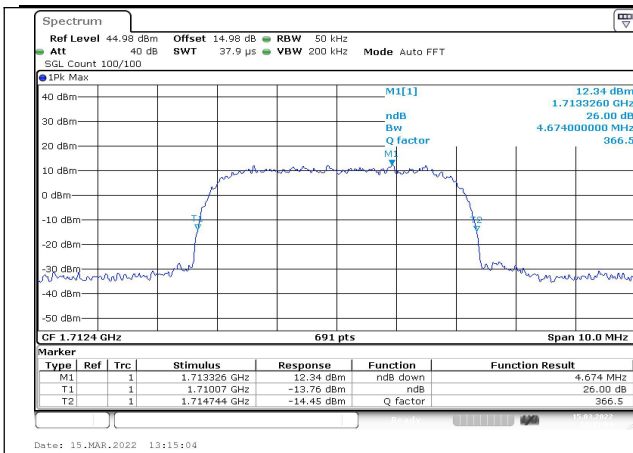


Channel 1412

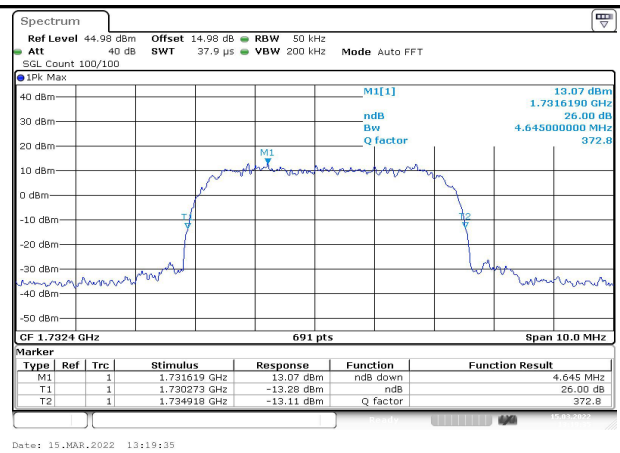


Channel 1513

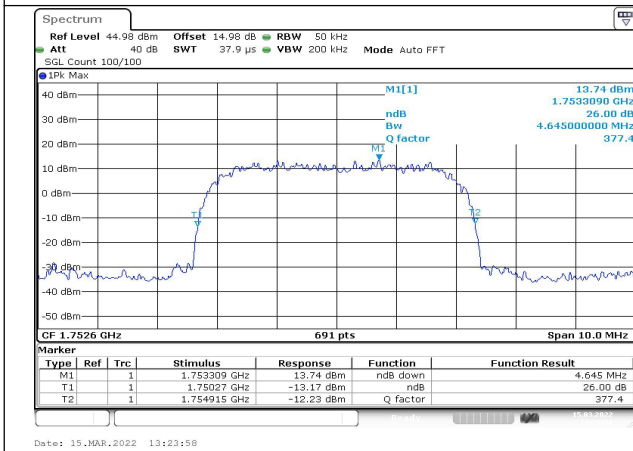
Test Mode: HSUPA



Channel 1312

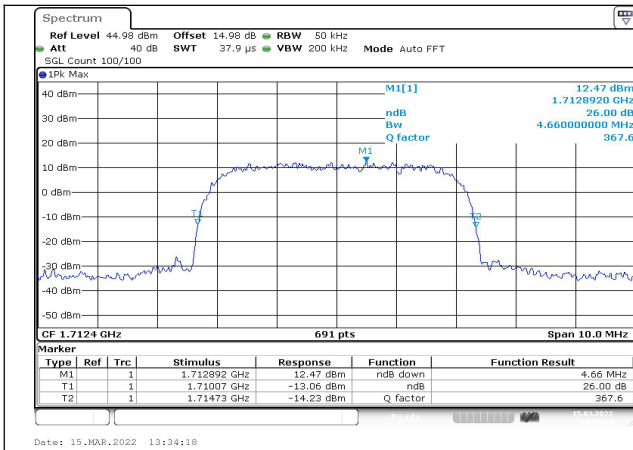


Channel 1412

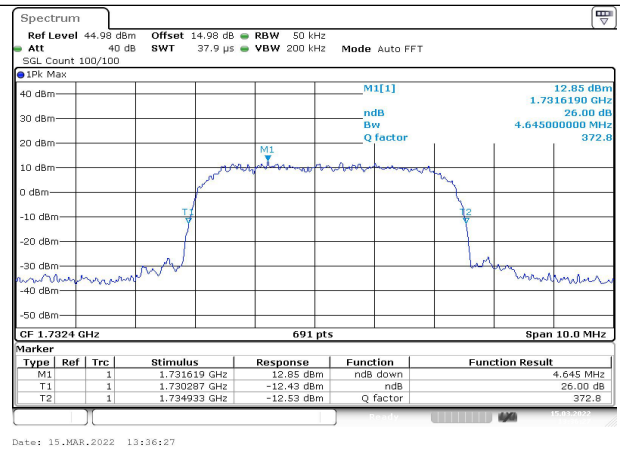


Channel 1513

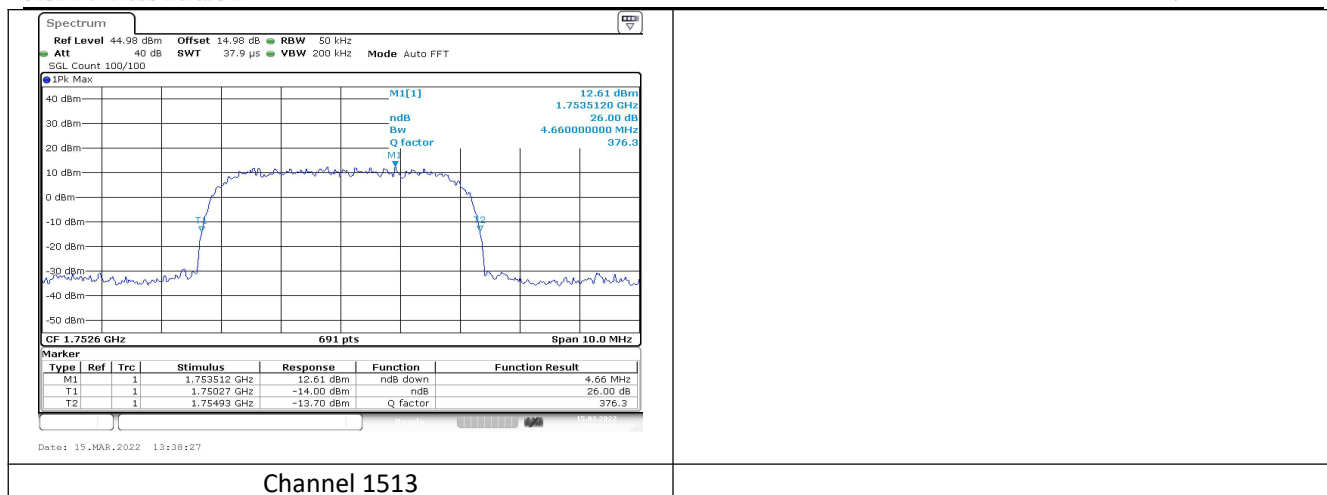
Test Mode: HSPA+



Channel 1312



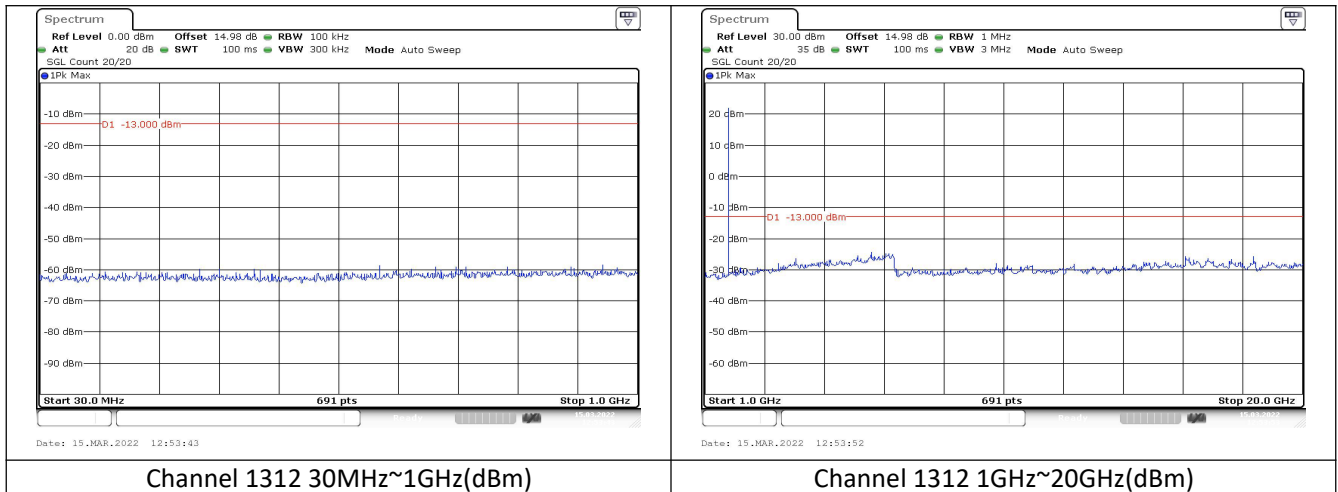
Channel 1412



#### 4. Spurious Emissions at antenna terminal

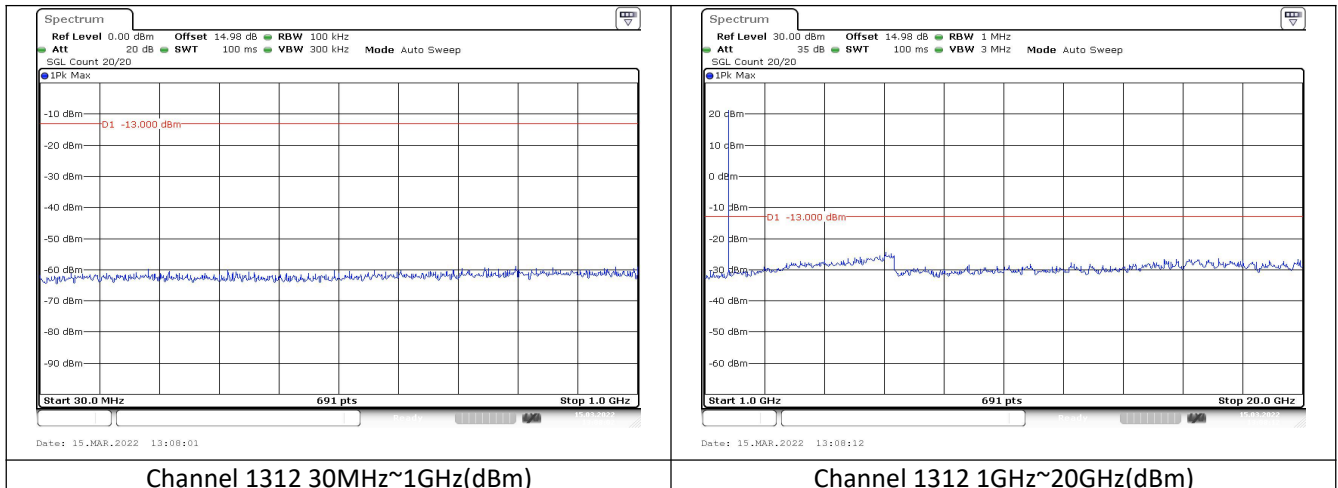
WCDMA band IV

Test Mode: Release 99



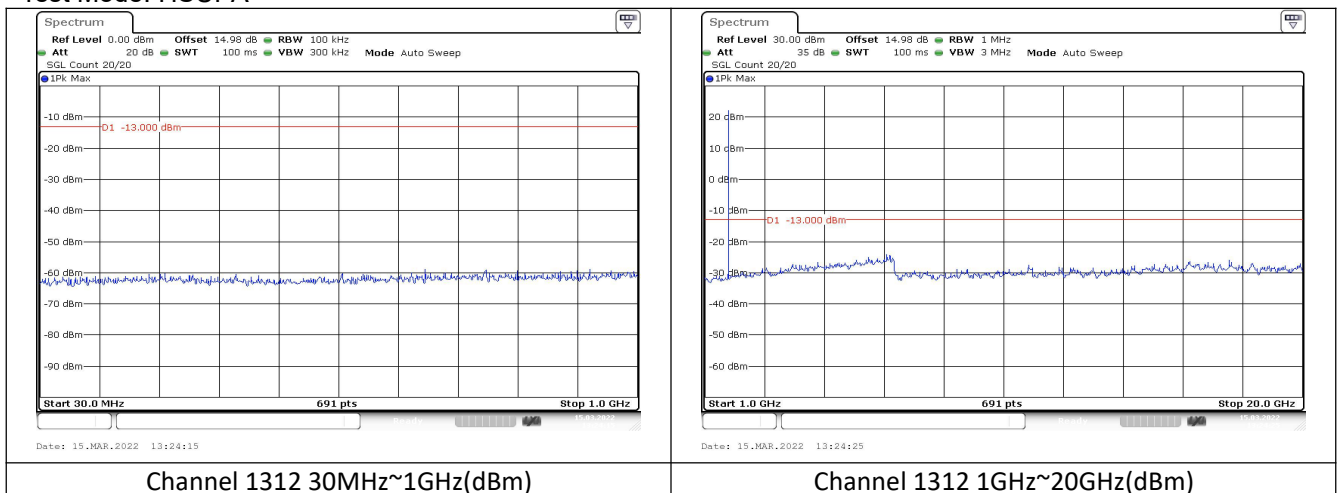
Note: The signal beyond the limit is the signal transmitted by EUT.

Test Mode: HSDPA



Note: The signal beyond the limit is the signal transmitted by EUT.

Test Mode: HSUPA

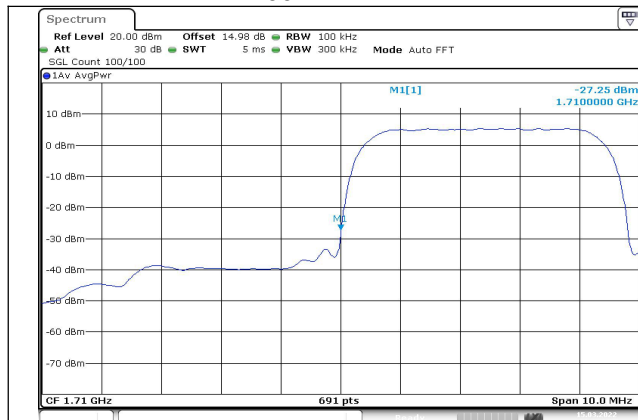


Note: The signal beyond the limit is the signal transmitted by EUT.

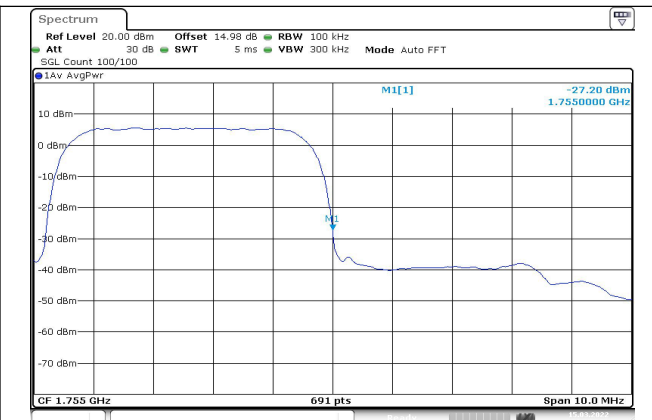
## 5. Band Edges Compliance

WCDMA band IV

Test Mode: Release 99

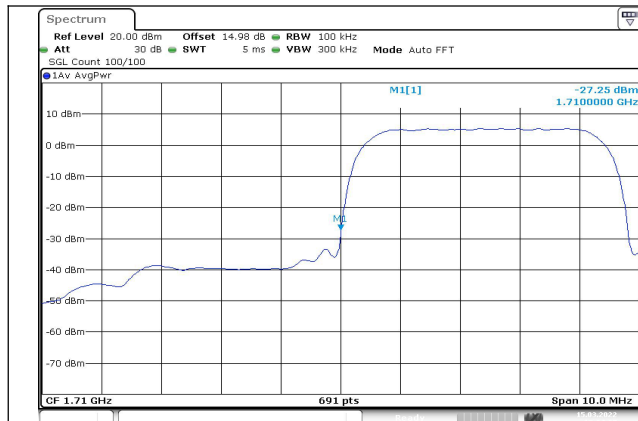


Channel 1312

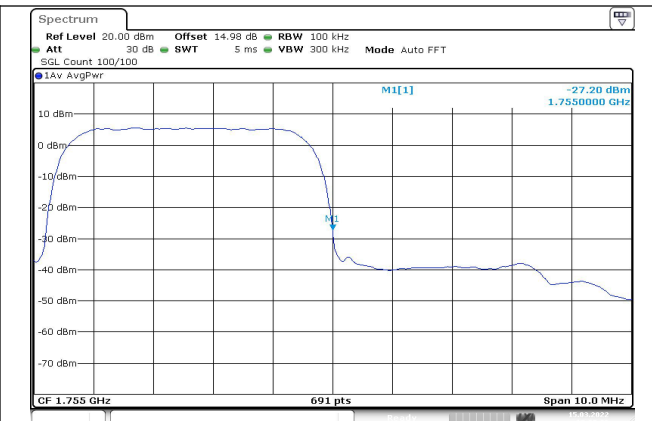


Channel 1513

Test Mode: HSDPA

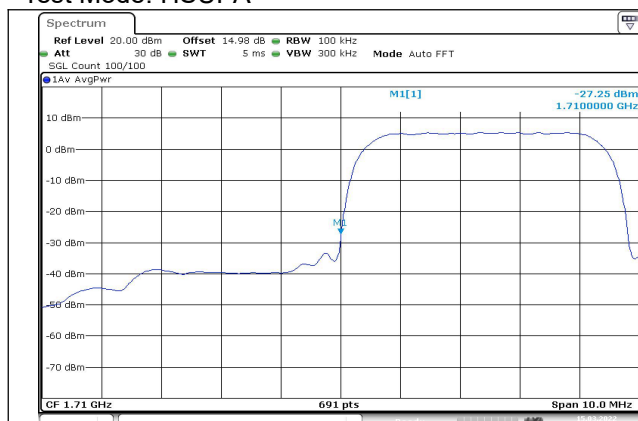


Channel 1312

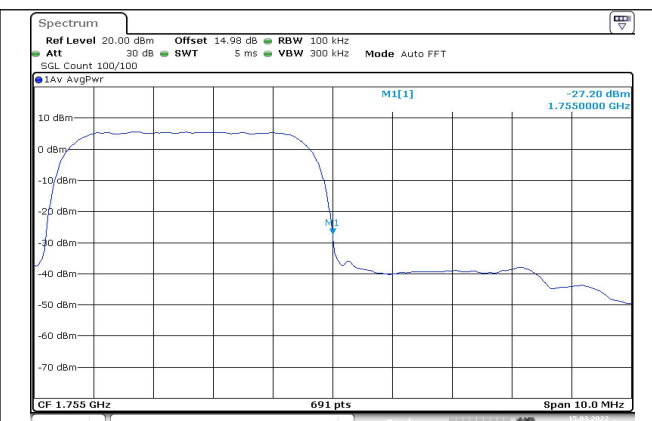


Channel 1513

Test Mode: HSUPA

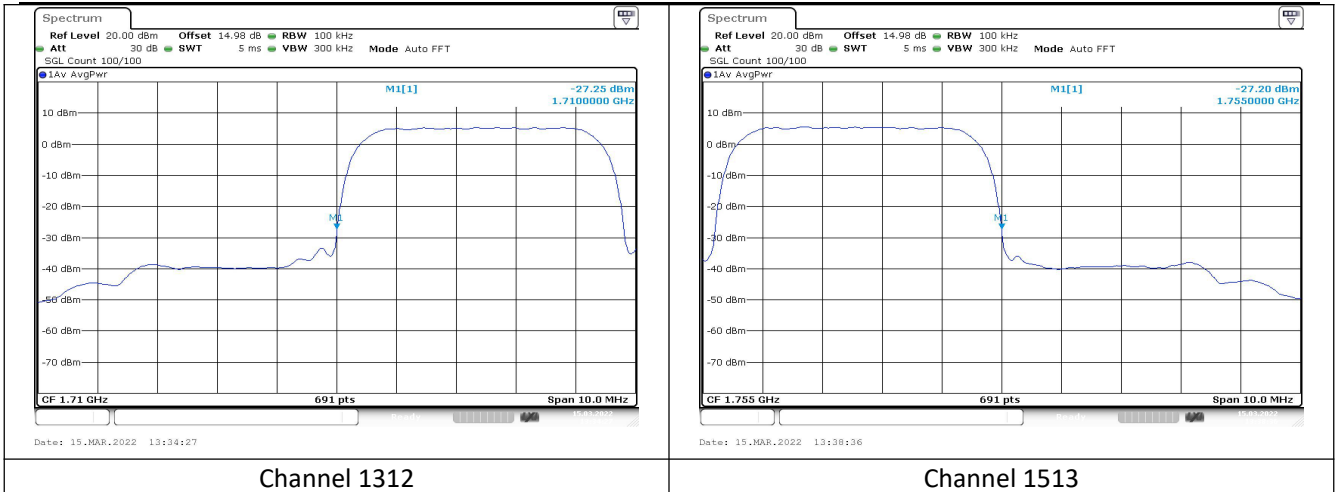


Channel 1312



Channel 1513

Test Mode: HSPA+



## 6. Frequency Stability

WCDMA band IV

Test Mode: Release 99

| Mode       | Temperature(°C) | Test Result (ppm)@NV |              |              |
|------------|-----------------|----------------------|--------------|--------------|
|            |                 | Channel 1312         | Channel 1412 | Channel 1513 |
| Release 99 | -10             | 0.550                | -0.190       | -0.310       |
| Release 99 | -0              | 0.330                | 0.210        | -0.310       |
| Release 99 | +10             | 0.480                | 0.450        | -0.650       |
| Release 99 | +20             | 0.000                | -0.210       | -0.240       |
| Release 99 | +30             | 0.300                | 0.150        | 0.020        |
| Release 99 | +40             | 0.250                | 0.250        | -0.160       |
| Release 99 | +50             | 0.530                | 0.450        | -0.110       |
| Mode       | Voltage         | Test Result (ppm)@NT |              |              |
|            |                 | Channel 1312         | Channel 1412 | Channel 1513 |
| Release 99 | LV              | 0.440                | 0.400        | 0.190        |
| Release 99 | HV              | 0.680                | 0.180        | 0.270        |

Test Mode: HSDPA

| Mode     | Temperature(°C) | Test Result (ppm)@NV |              |              |
|----------|-----------------|----------------------|--------------|--------------|
|          |                 | Channel 1312         | Channel 1412 | Channel 1513 |
| Subtest1 | -10             | -0.550               | -0.010       | -0.050       |
| Subtest1 | -0              | -0.110               | -0.490       | -0.710       |
| Subtest1 | +10             | 0.010                | -0.440       | 0.030        |
| Subtest1 | +20             | 0.000                | 0.000        | -0.100       |
| Subtest1 | +30             | 0.250                | 0.150        | -0.830       |
| Subtest1 | +40             | -0.160               | -0.020       | -0.610       |
| Subtest1 | +50             | 0.150                | 0.130        | -0.200       |
| Mode     | Voltage         | Test Result (ppm)@NT |              |              |
|          |                 | Channel 1312         | Channel 1412 | Channel 1513 |
| Subtest1 | LV              | -0.150               | -0.190       | 0.270        |
| Subtest1 | HV              | -0.250               | 0.310        | -0.400       |

Test Mode: HSUPA

| Mode     | Temperature(°C) | Test Result (ppm)@NV |              |              |
|----------|-----------------|----------------------|--------------|--------------|
|          |                 | Channel 1312         | Channel 1412 | Channel 1513 |
| Subtest1 | -10             | 0.270                | -0.920       | -0.850       |
| Subtest1 | -0              | -0.040               | -0.820       | -0.480       |
| Subtest1 | +10             | -0.250               | -0.060       | -1.150       |
| Subtest1 | +20             | 0.000                | -0.160       | -0.480       |
| Subtest1 | +30             | -0.320               | -0.390       | -0.670       |
| Subtest1 | +40             | -0.250               | -0.300       | -0.110       |
| Subtest1 | +50             | 0.230                | 0.270        | -0.340       |
| Mode     | Voltage         | Test Result (ppm)@NT |              |              |
|          |                 | Channel 1312         | Channel 1412 | Channel 1513 |
| Subtest1 | LV              | 0.060                | -0.220       | -0.770       |
| Subtest1 | HV              | 0.370                | -0.060       | -0.240       |