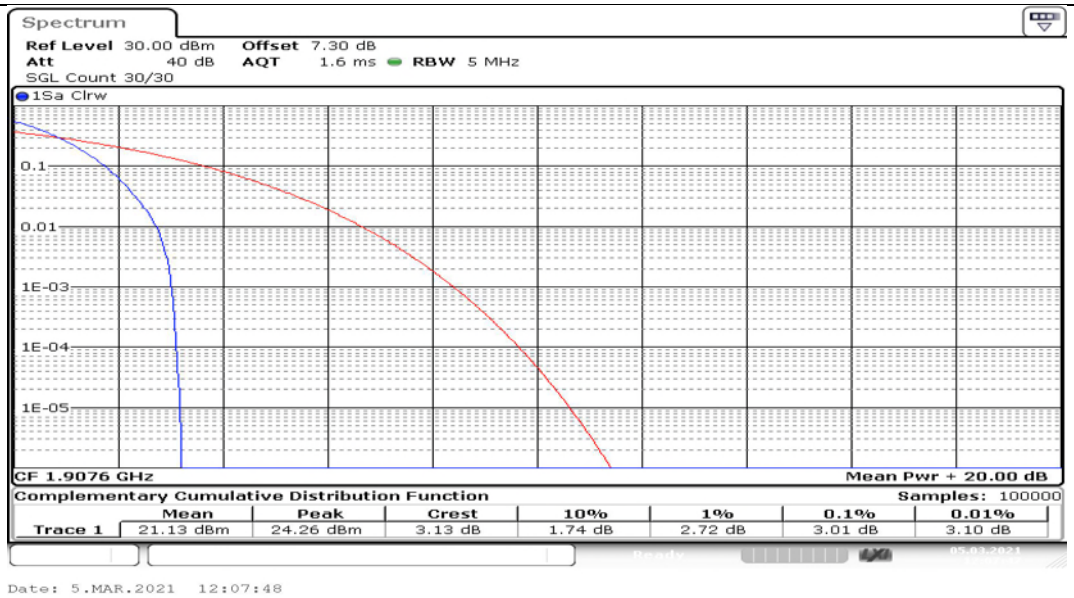
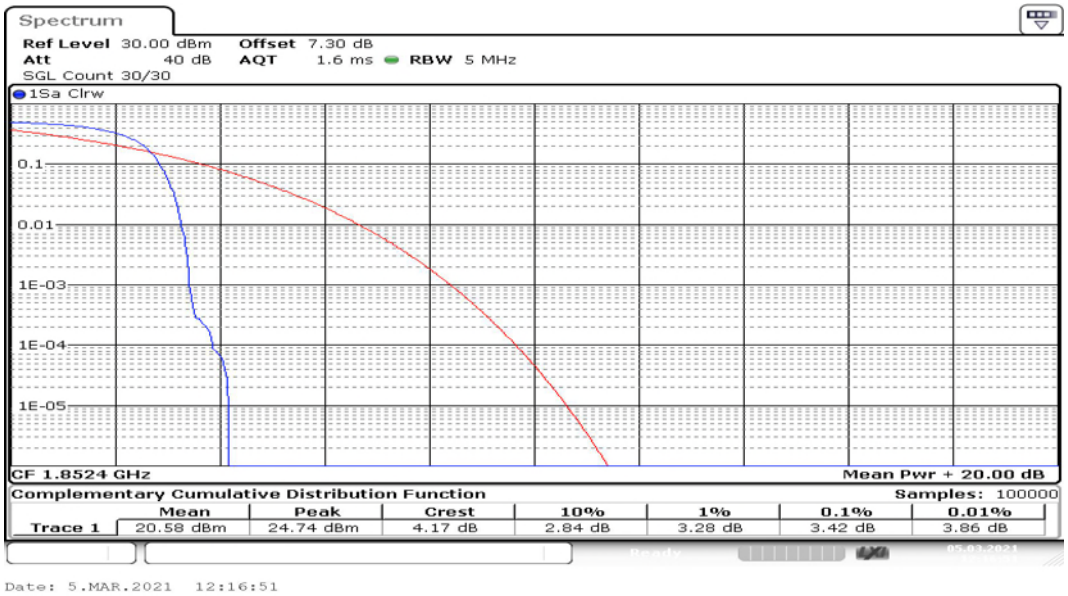
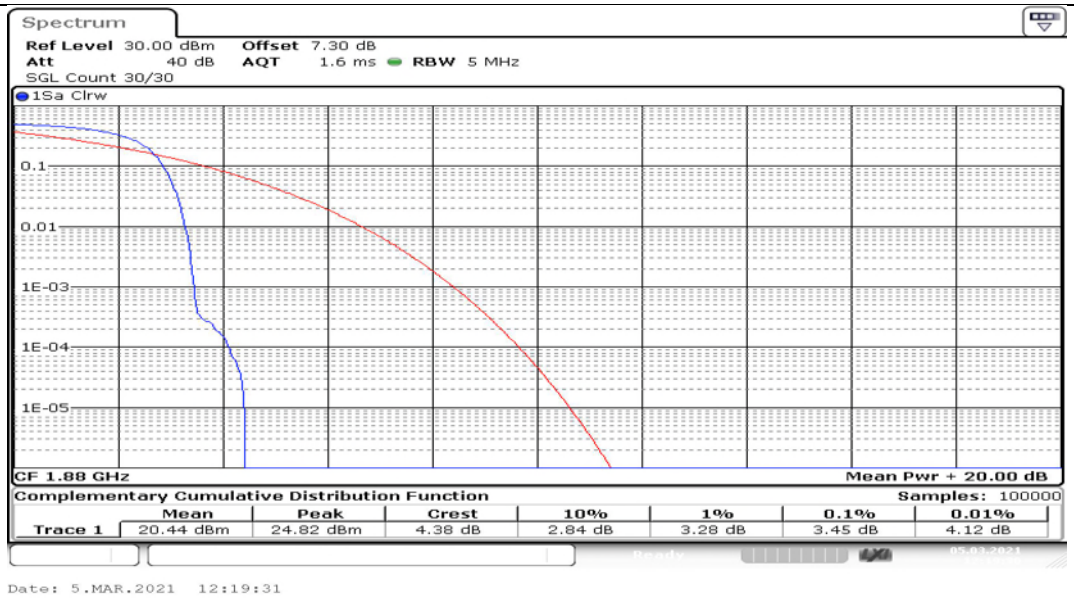


Channel 9538

HSDPA Mode:

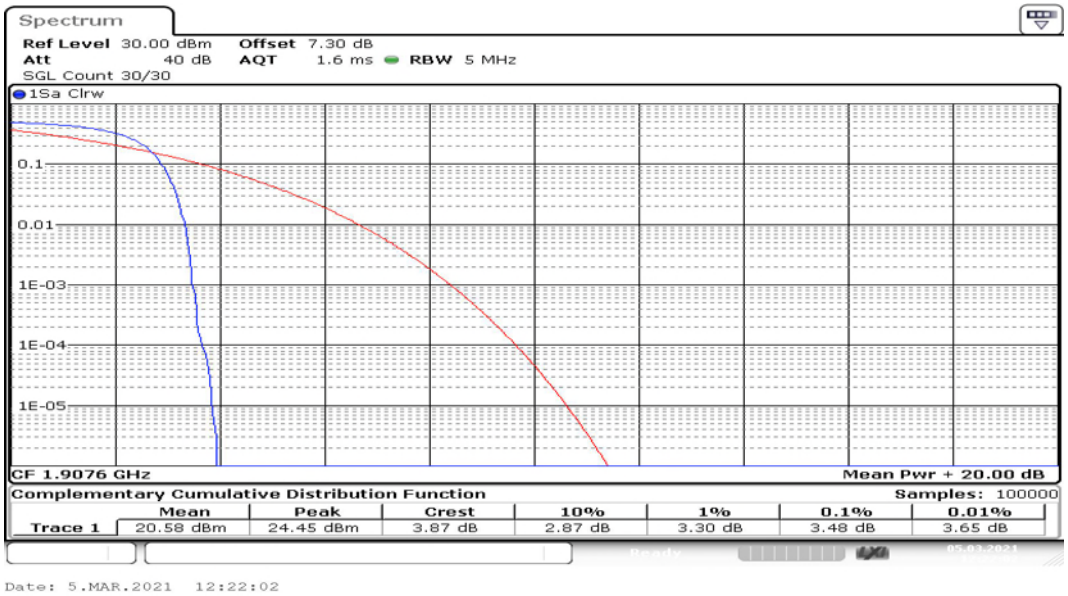


Channel 9262



Date: 5.MAR.2021 12:19:31

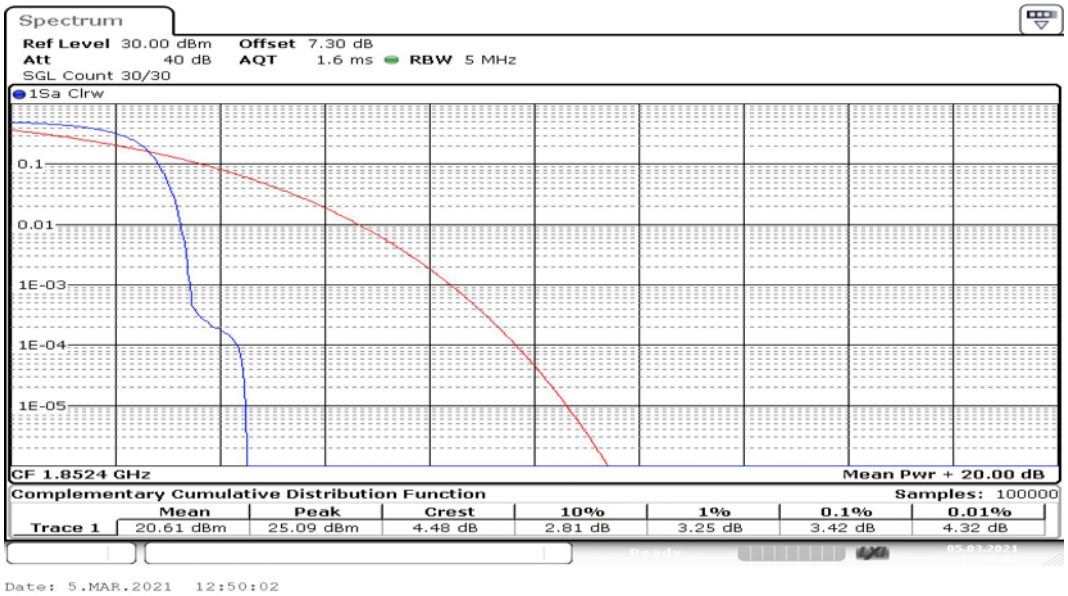
Channel 9400



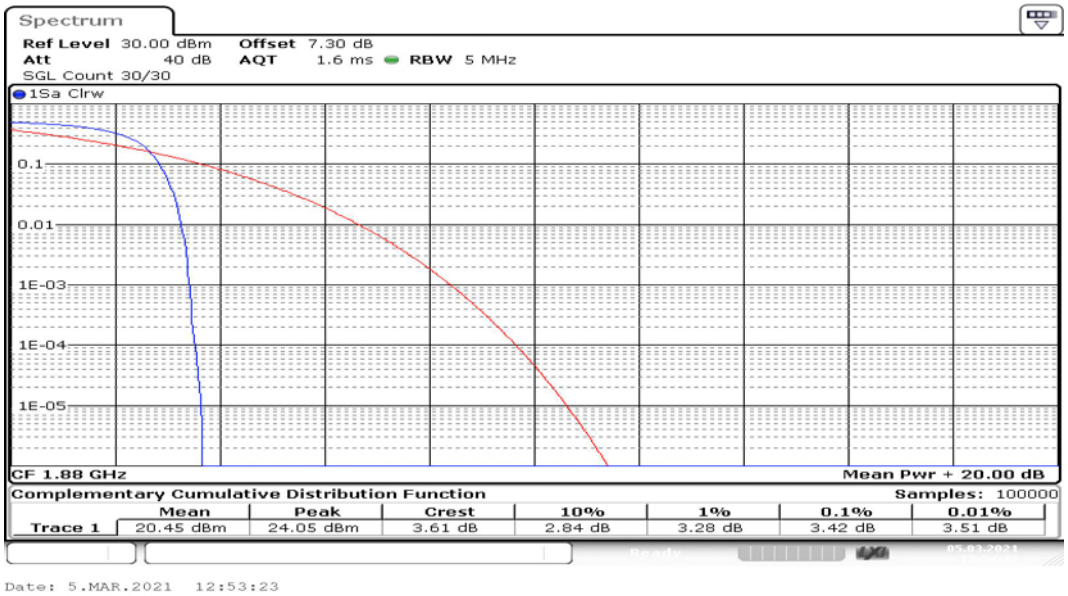
Date: 5.MAR.2021 12:22:02

Channel 9538

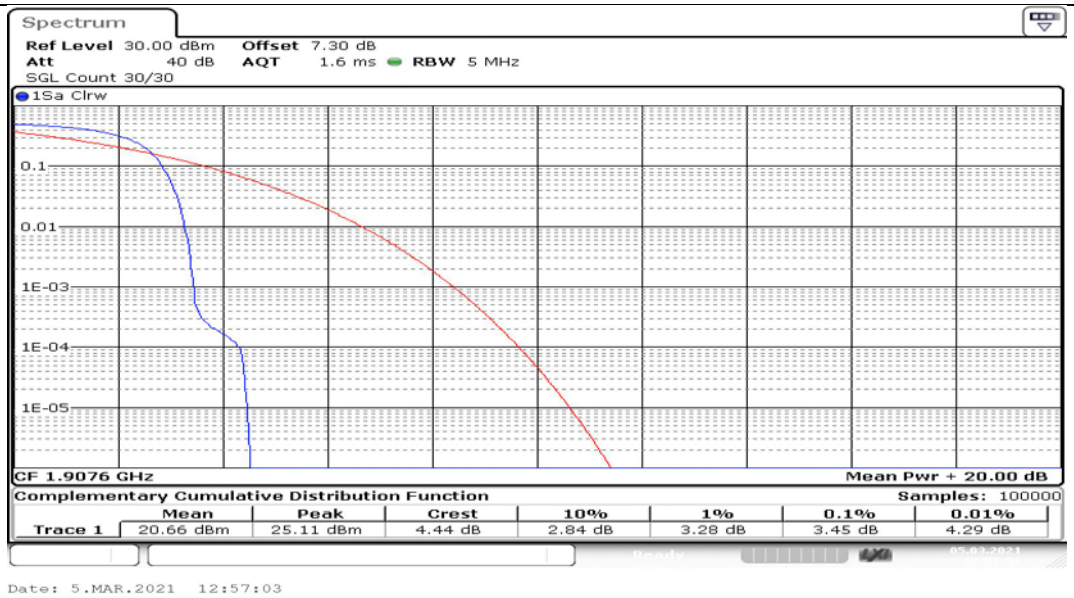
HSUPA Mode:



Channel 9262



Channel 9400



Channel 9538

8 Effective Radiated Power and Effective Isotropic Radiated Power

WCDMA band II

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Release 99	RMC,12.2 kbps	1852.4	9262	23.12	21.32	0.136
		1880	9400	22.87	21.07	0.128
		1907.6	9538	23.06	21.26	0.134
HSDPA	Subtest1	1852.4	9262	22.12	20.32	0.108
		1880	9400	21.93	20.13	0.103
		1907.6	9538	22.11	20.31	0.107
	Subtest2	1852.4	9262	22.10	20.30	0.107
		1880	9400	21.94	20.14	0.103
		1907.6	9538	22.11	20.31	0.107
	Subtest3	1852.4	9262	21.59	19.79	0.095
		1880	9400	21.45	19.65	0.092
		1907.6	9538	21.61	19.81	0.096
	Subtest4	1852.4	9262	21.58	19.78	0.095
		1880	9400	21.42	19.62	0.092
		1907.6	9538	21.60	19.80	0.095
HSUPA	Subtest1	1852.4	9262	22.10	20.30	0.107
		1880	9400	21.93	20.13	0.103
		1907.6	9538	22.12	20.32	0.108
	Subtest2	1852.4	9262	19.68	17.88	0.061
		1880	9400	19.84	18.04	0.064
		1907.6	9538	20.23	18.43	0.070
	Subtest3	1852.4	9262	20.67	18.87	0.077
		1880	9400	20.80	19.00	0.079
		1907.6	9538	20.89	19.09	0.081
	Subtest4	1852.4	9262	19.69	17.89	0.062
		1880	9400	19.80	18.00	0.063
		1907.6	9538	19.85	18.05	0.064
	Subtest5	1852.4	9262	21.60	19.80	0.095
		1880	9400	21.44	19.64	0.092
		1907.6	9538	21.61	19.81	0.096

1. RF Power Output

WCDMA band IV

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
Release 99	RMC,12.2kbps	1712.4	1312	23.12
		1732.6	1413	23.26
		1752.6	1513	23.23
HSDPA	Subtest1	1712.4	1312	22.14
		1732.6	1413	22.26
		1752.6	1513	22.29
	Subtest2	1712.4	1312	22.14
		1732.6	1413	22.26
		1752.6	1513	22.27
	Subtest3	1712.4	1312	21.61
		1732.6	1413	21.76
		1752.6	1513	21.75
	Subtest4	1712.4	1312	21.59
		1732.6	1413	21.79
		1752.6	1513	21.79
HSUPA	Subtest1	1712.4	1312	22.12
		1732.6	1413	22.27
		1752.6	1513	22.29
	Subtest2	1712.4	1312	19.63
		1732.6	1413	19.73
		1752.6	1513	19.83
	Subtest3	1712.4	1312	20.60
		1732.6	1413	20.73
		1752.6	1513	20.83
	Subtest4	1712.4	1312	19.62
		1732.6	1413	19.76
		1752.6	1513	19.81
	Subtest5	1712.4	1312	21.59
		1732.6	1413	21.76
		1752.6	1513	21.77

2. Occupied Bandwidth

WCDMA band IV

REL99 Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
1712.4	1312	4.14
1732.6	1412	4.15
1752.6	1513	4.14

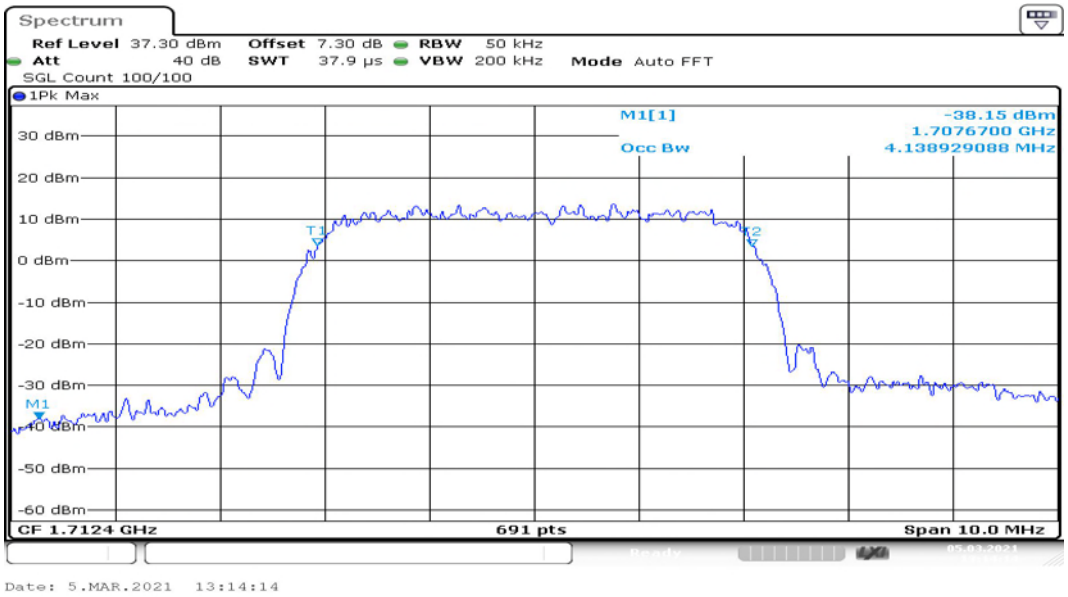
HSDPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
1712.4	1312	4.12
1732.6	1412	4.14
1752.6	1513	4.14

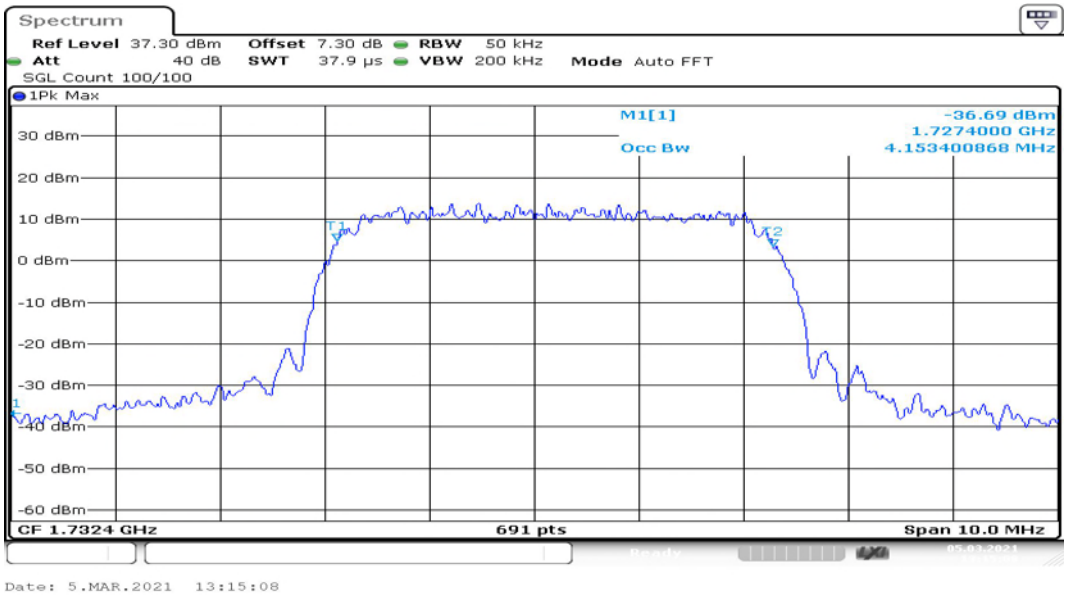
HSUPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
1712.4	1312	4.12
1732.6	1412	4.14
1752.6	1513	4.15

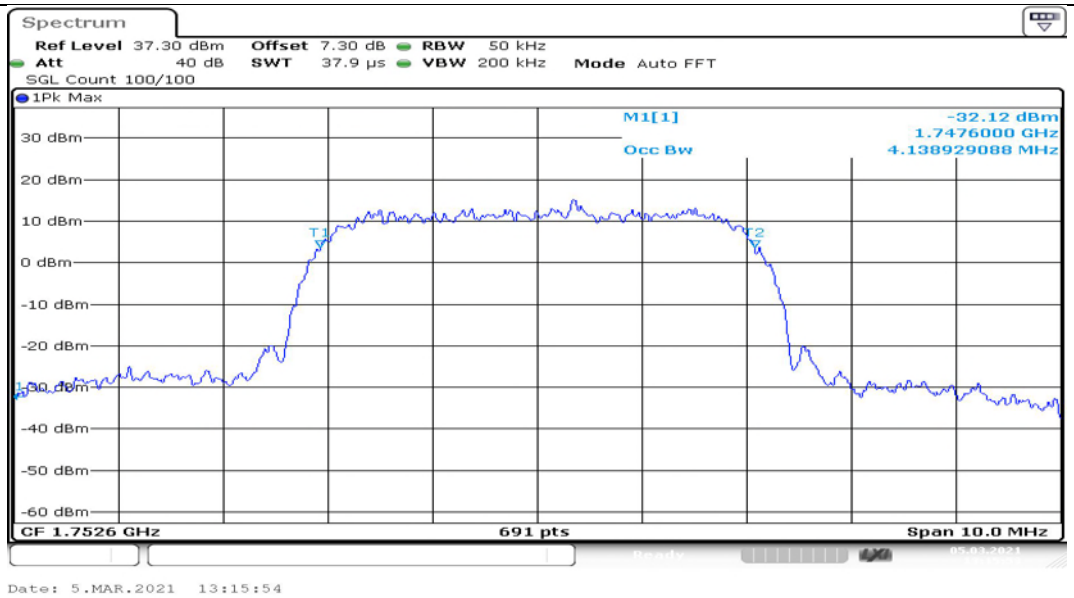
WCDMA band IV
REL99 Mode:



Channel 1312

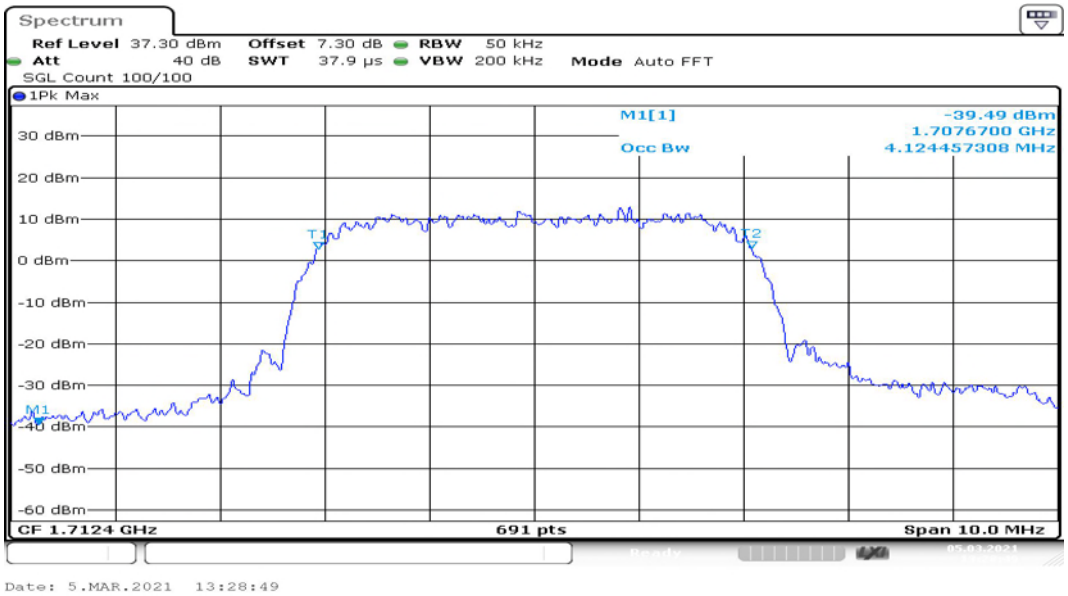


Channel 1412

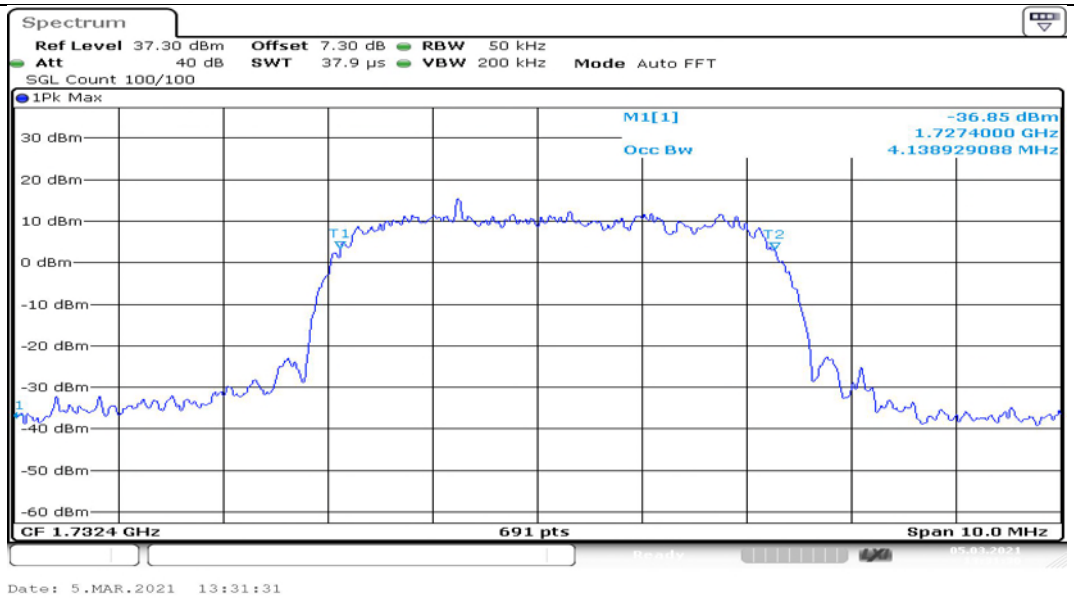


Channel 1513

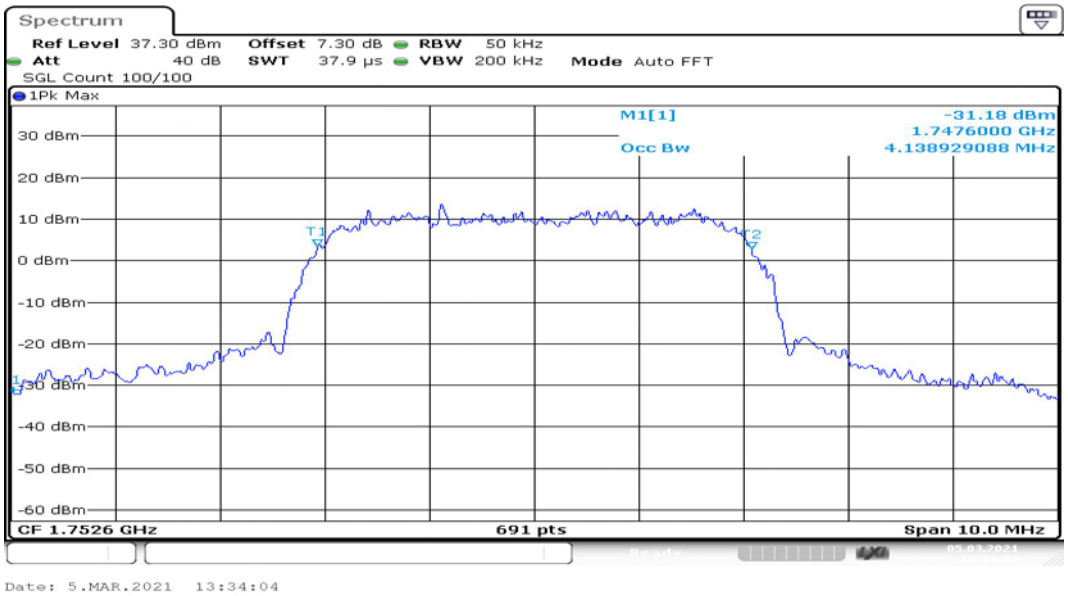
HSDPA Mode:



Channel 1312

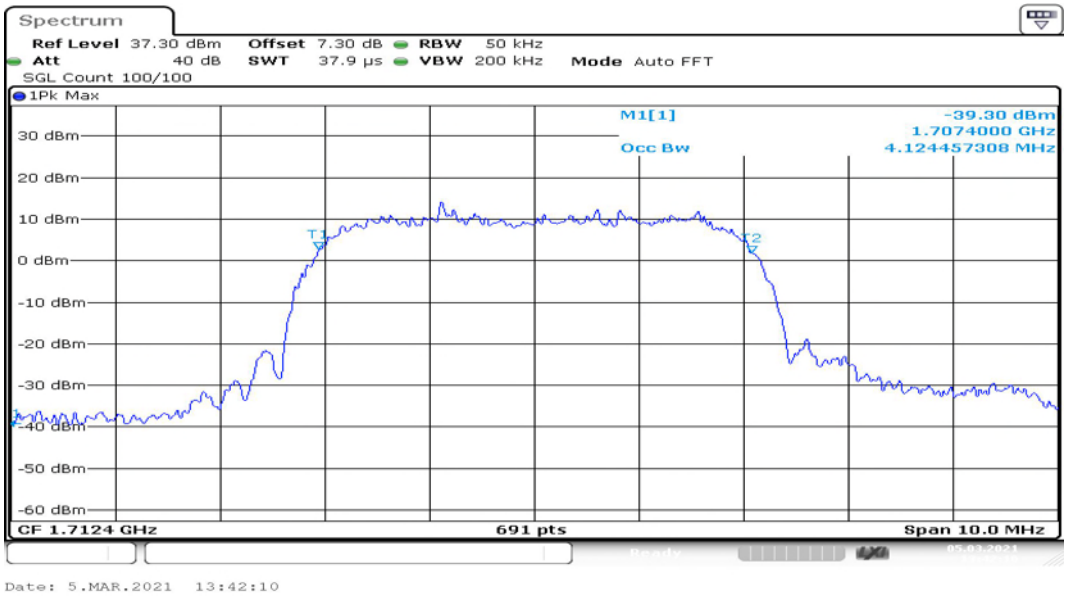


Channel 1412

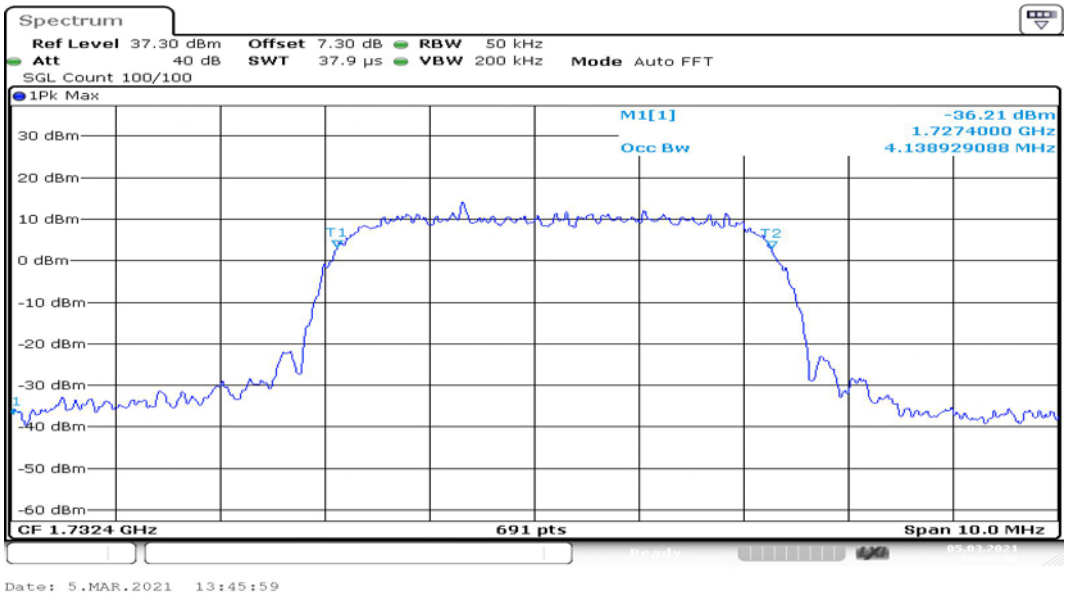


Channel 1513

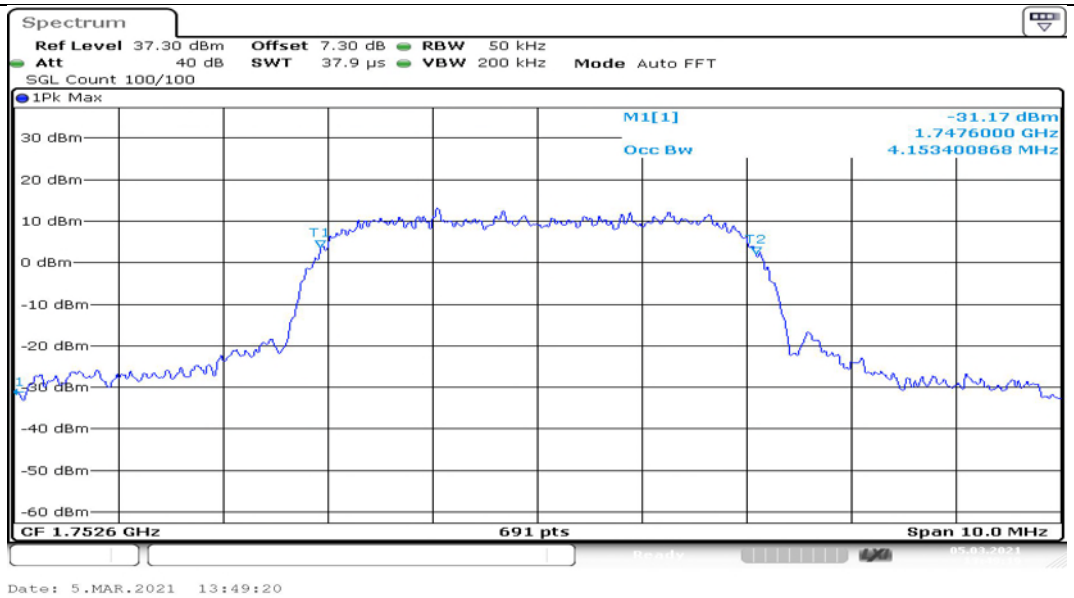
HSUPA Mode:



Channel 1312



Channel 1412



Channel 1513

3. Emission Bandwidth

WCDMA band IV

REL99 Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
1712.4	1312	4.67
1732.6	1412	4.69
1752.6	1513	4.67

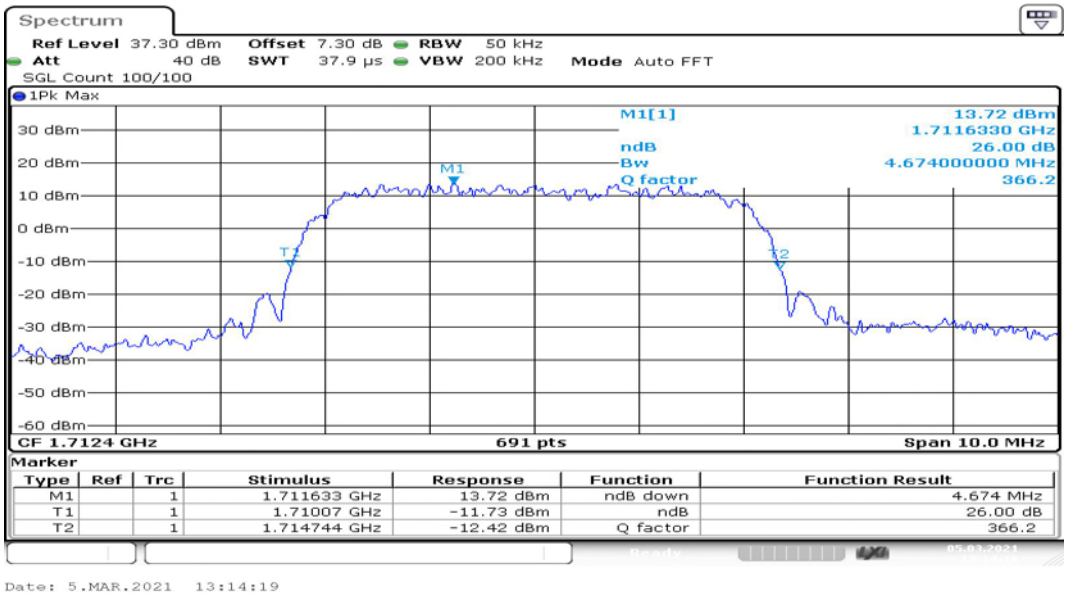
HSDPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
1712.4	1312	4.66
1732.6	1412	4.69
1752.6	1513	4.69

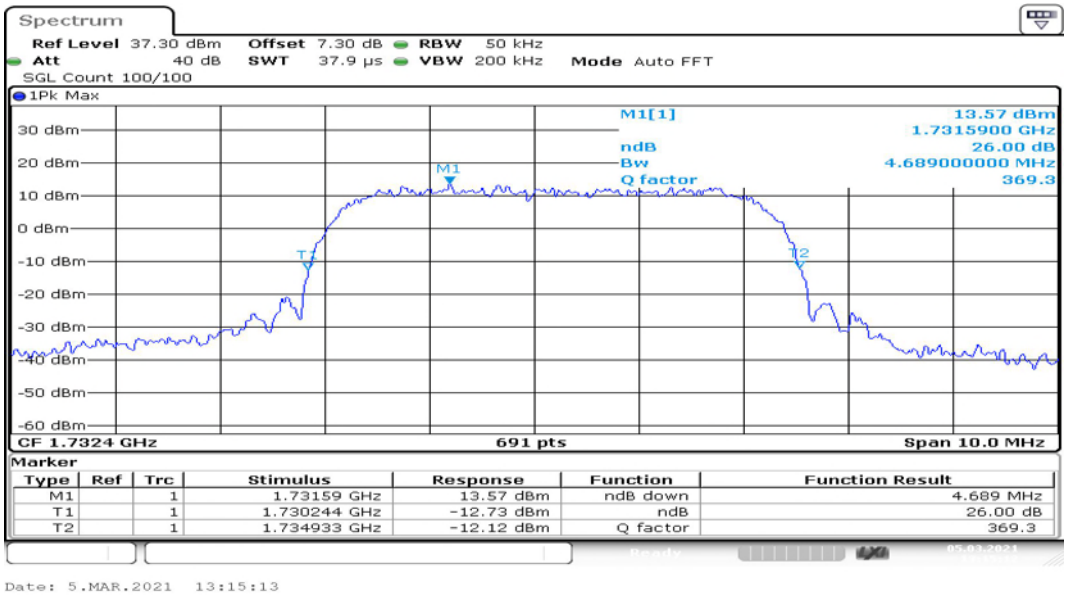
HSUPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
1712.4	1312	4.70
1732.6	1412	4.69
1752.6	1513	4.70

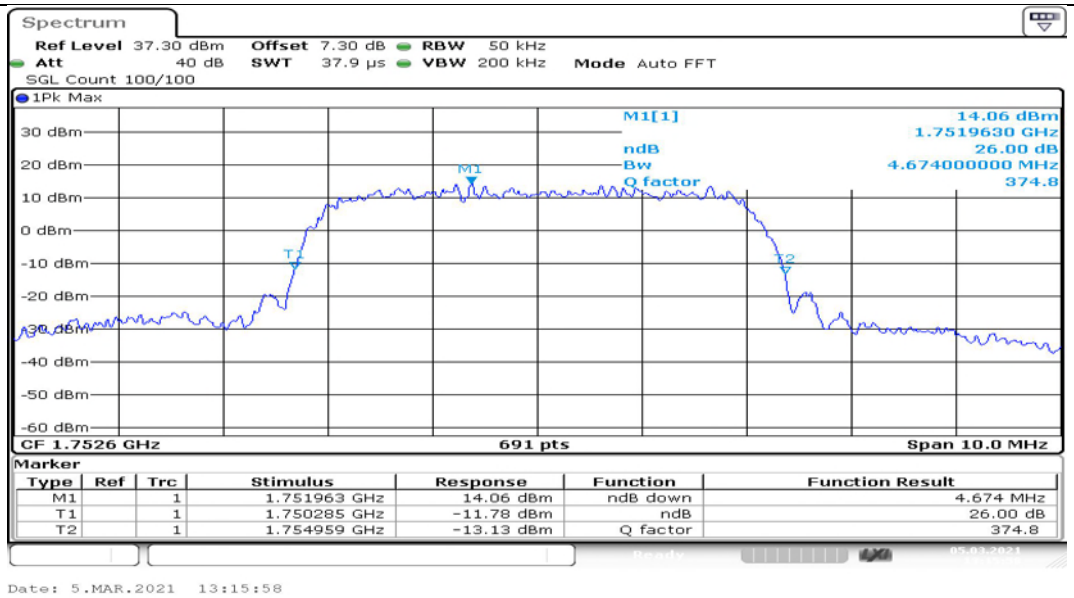
WCDMA band IV
REL99 Mode:



Channel 1312

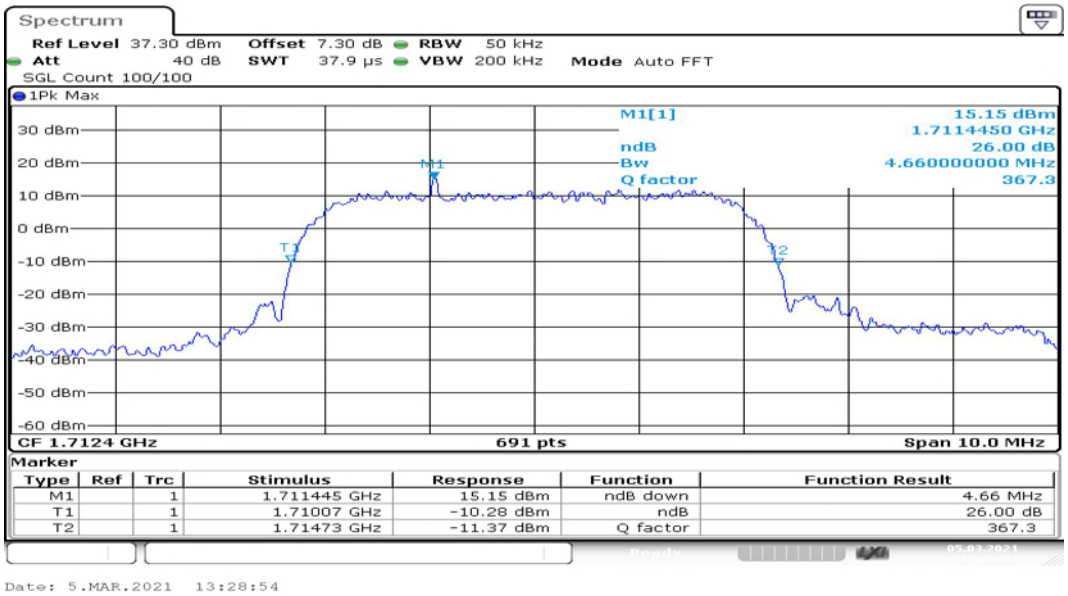


Channel 1412

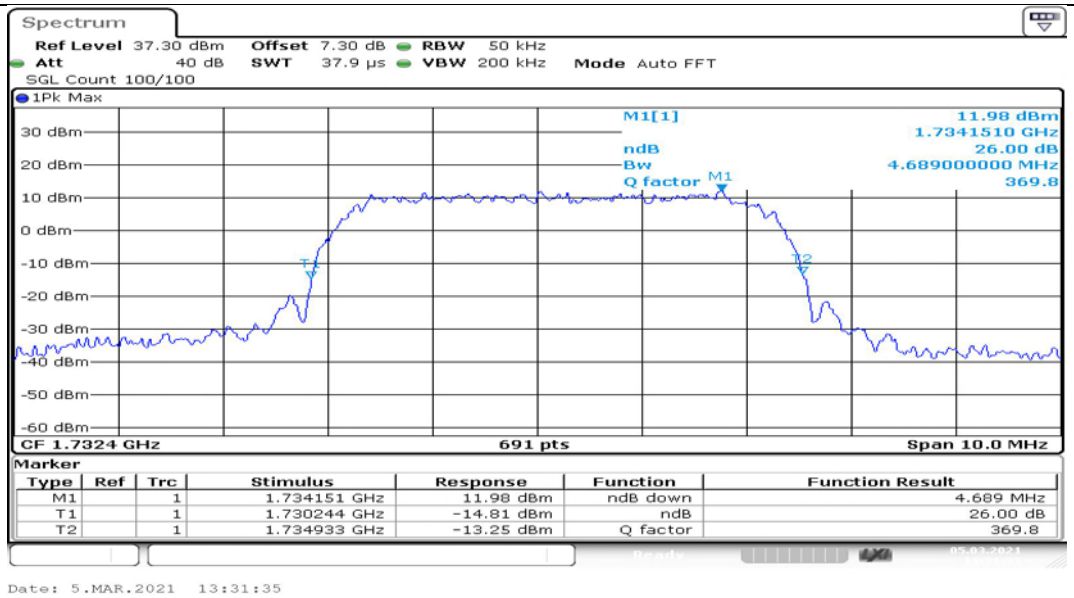


Channel 1513

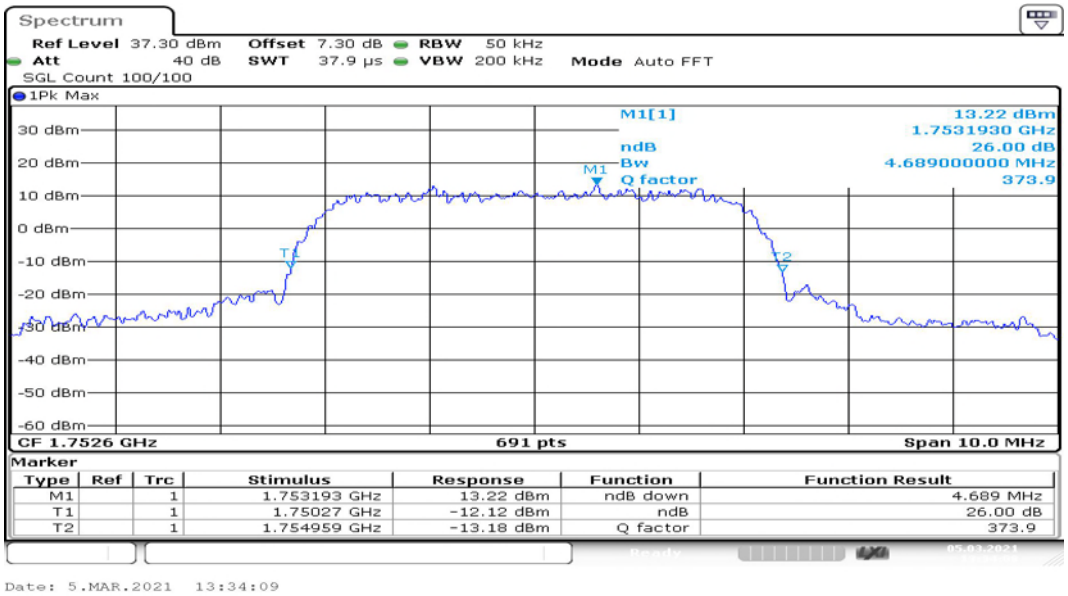
HSDPA Mode:



Channel 1312

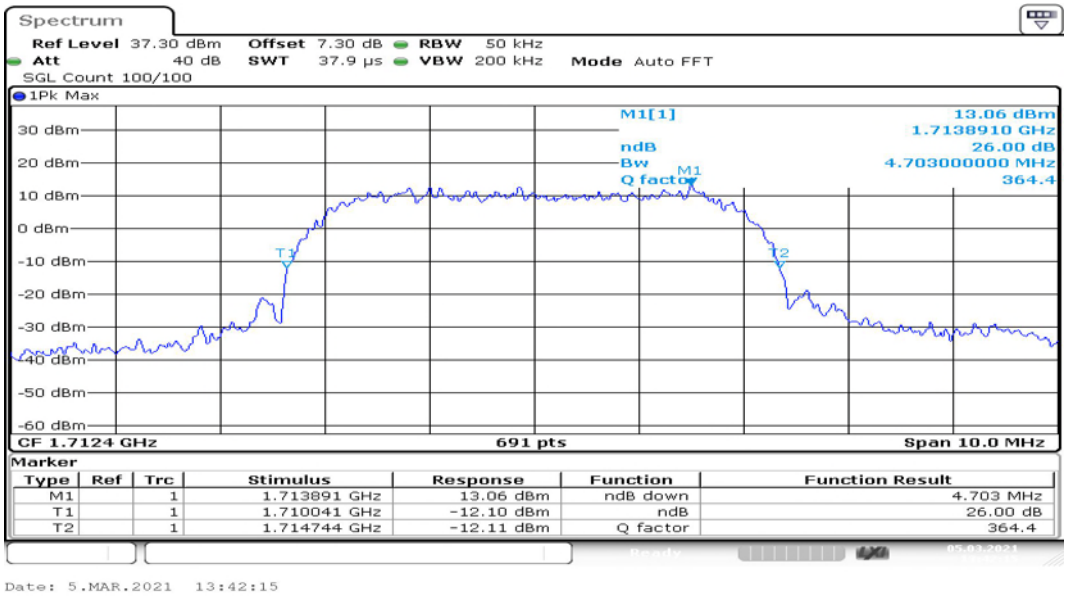


Channel 1412



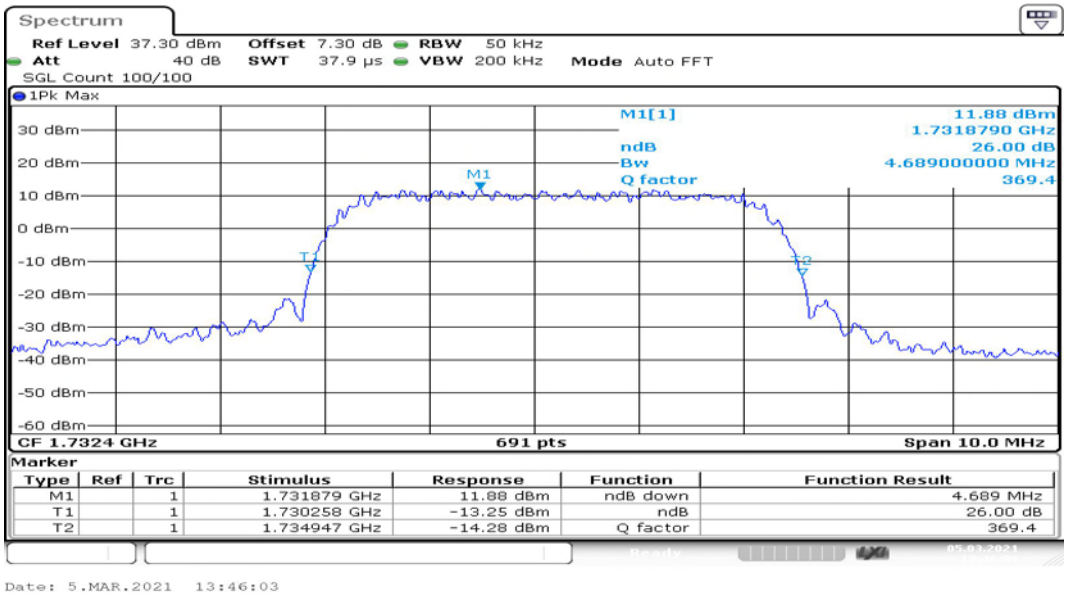
Channel 1513

HSUPA Mode:



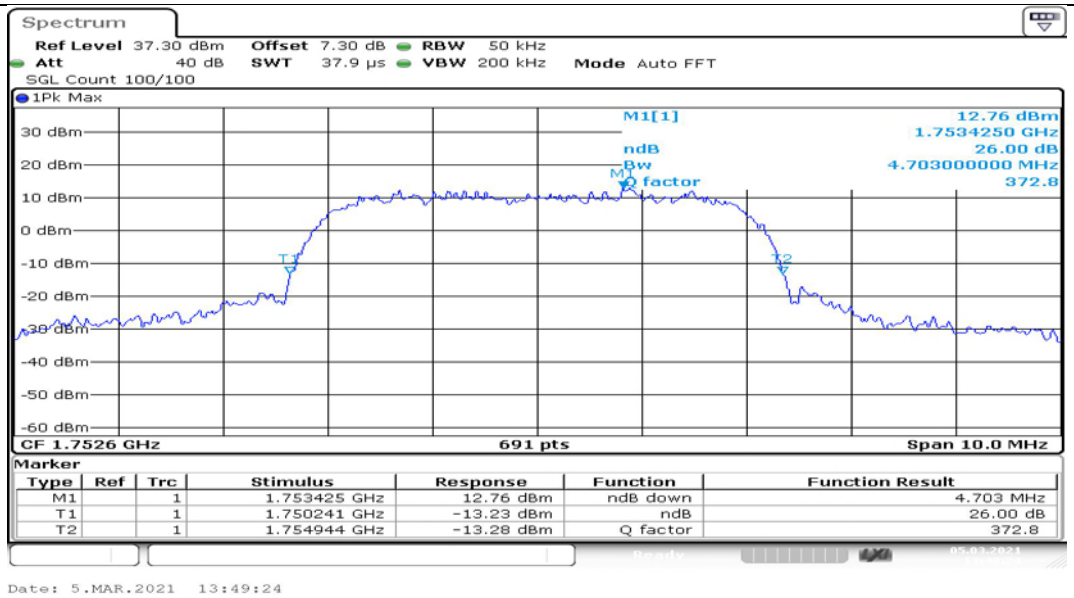
Date: 5.MAR.2021 13:42:15

Channel 1312



Date: 5.MAR.2021 13:46:03

Channel 1412

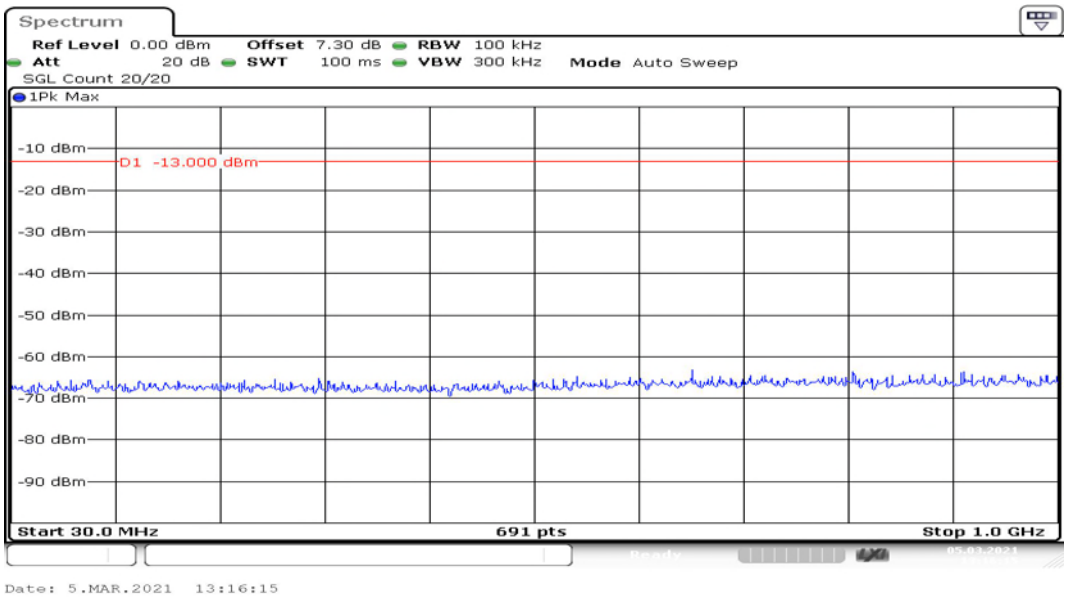


Channel 1513

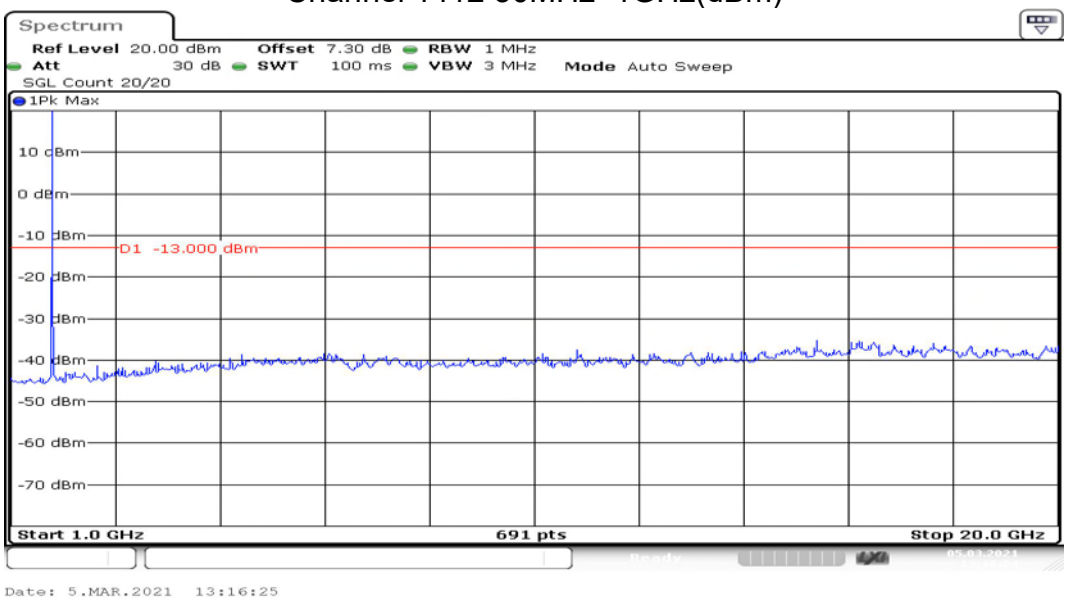
4. Spurious Emissions at antenna terminal

WCDMA band IV

REL99 Mode:



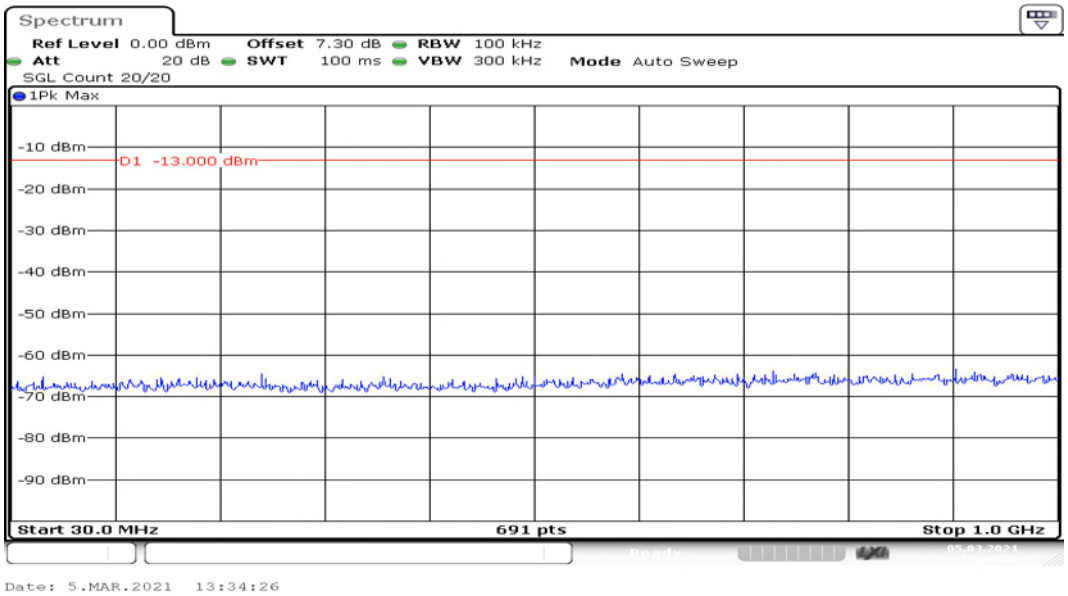
Channel 1412 30MHz~1GHz(dBm)



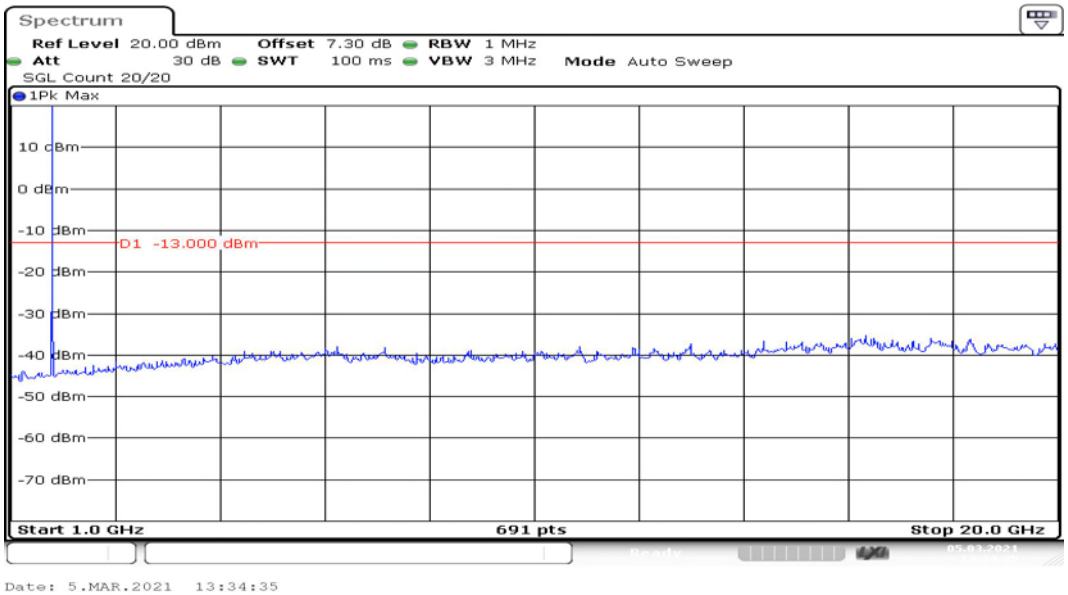
Channel 1412 1GHz~20GHz(dBm)

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

HSDPA Mode:



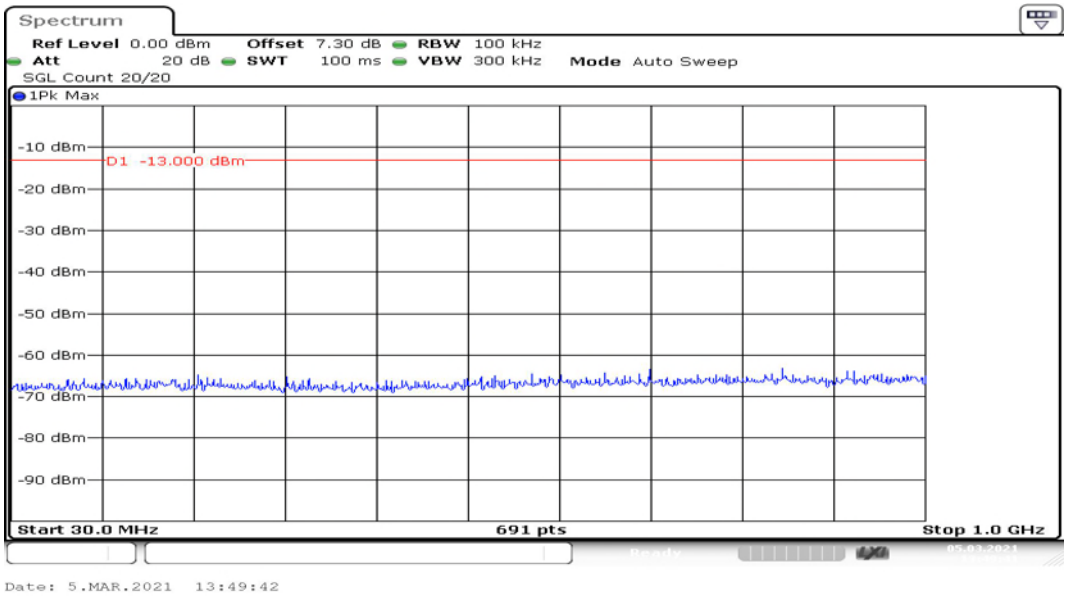
Channel 1412 30MHz~1GHz(dBm)



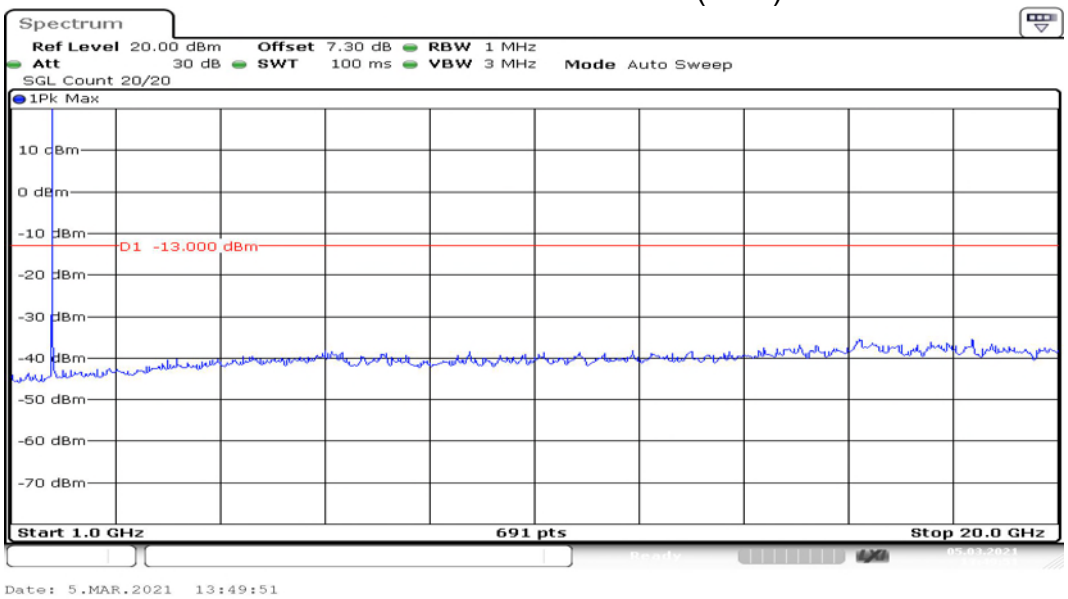
Channel 1412 1GHz~20GHz(dBm)

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

HSUPA Mode:



Channel 1412 30MHz~1GHz(dBm)



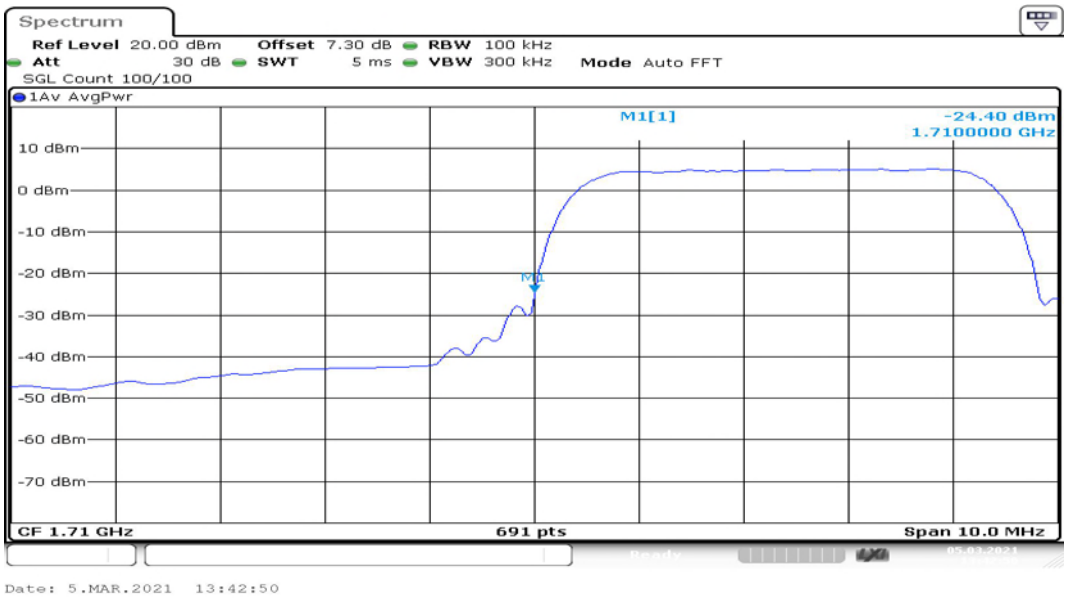
Channel 1412 1GHz~20GHz(dBm)

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

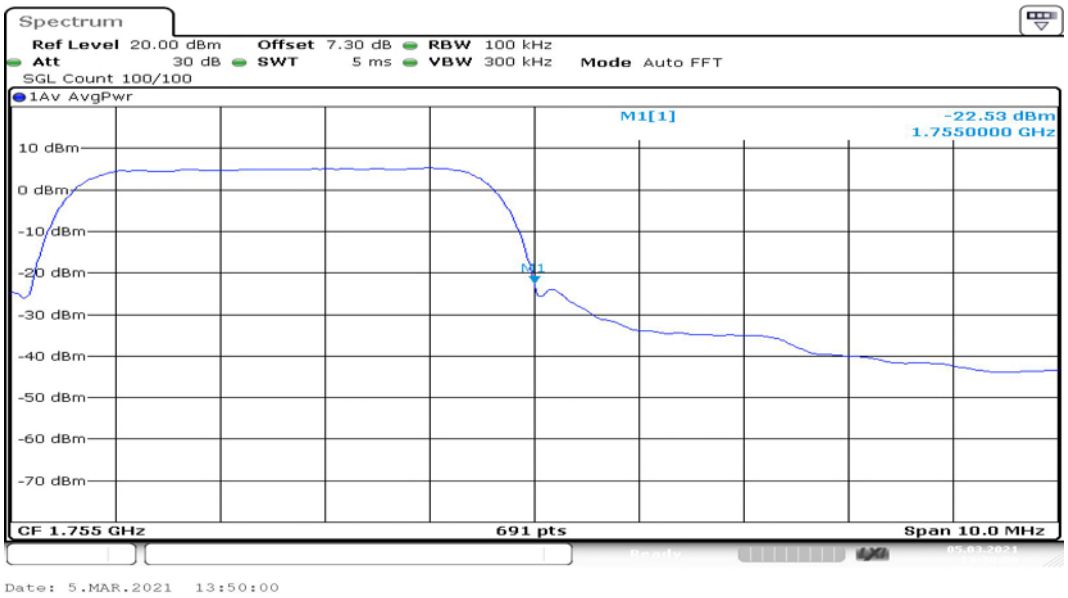
5. Band Edges Compliance

WCDMA band IV

REL99 Mode:

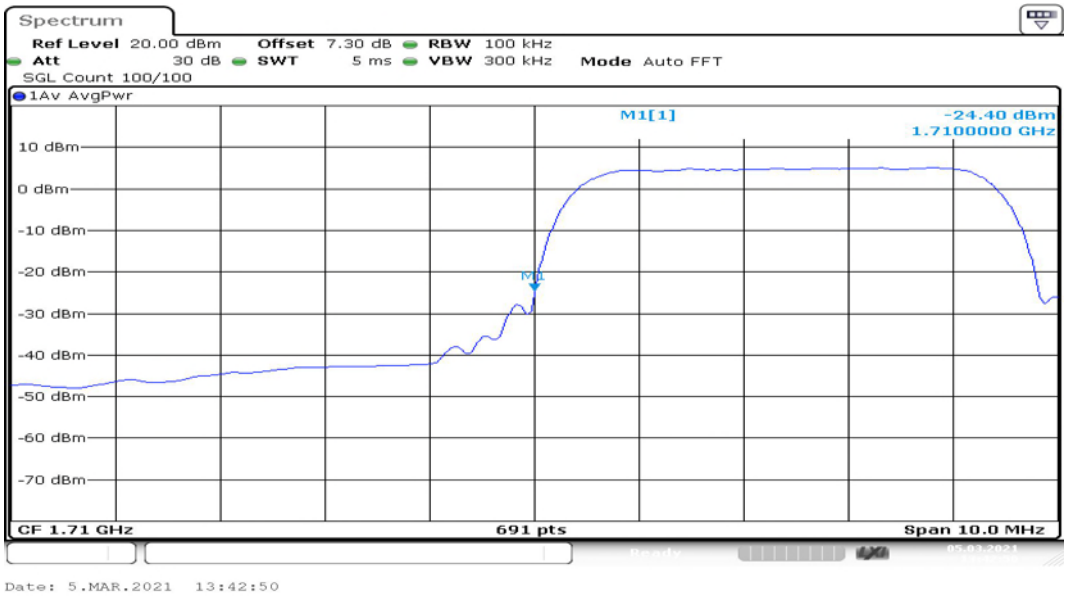


Channel 1312

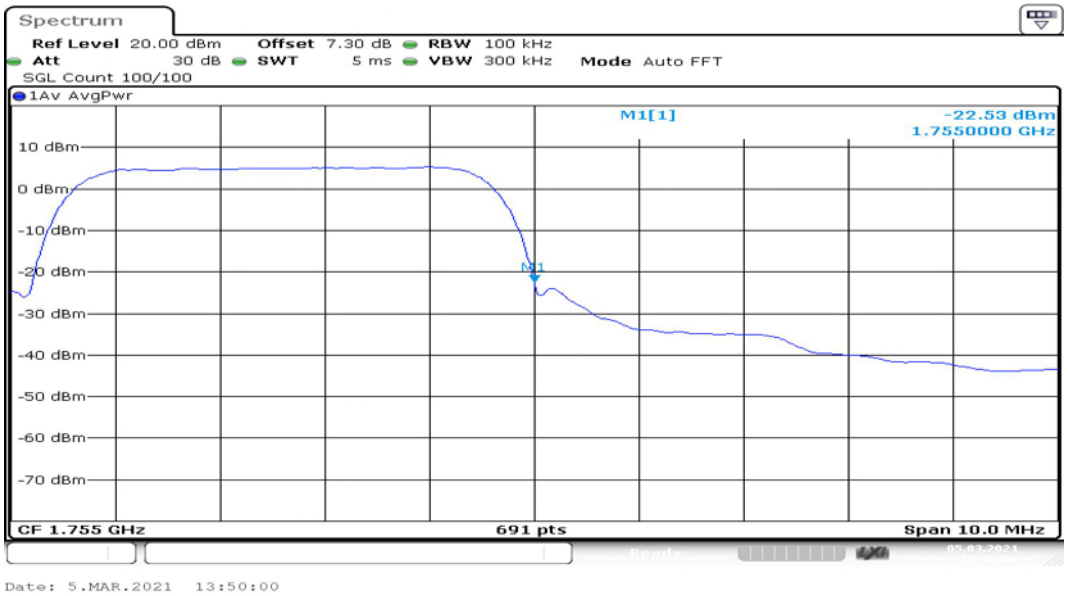


Channel 1513

HSDPA Mode:

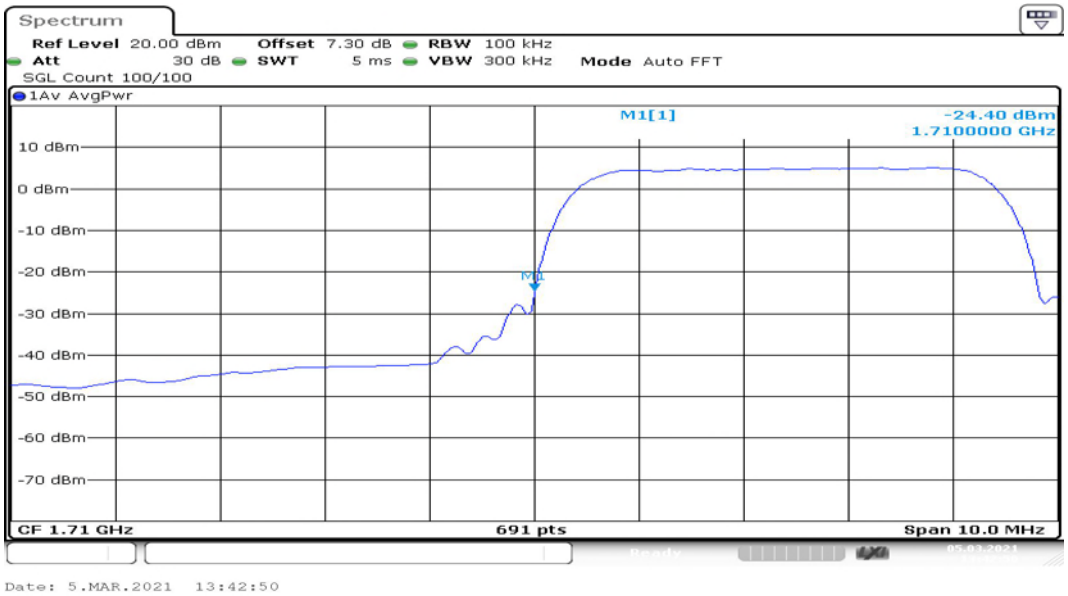


Channel 1312

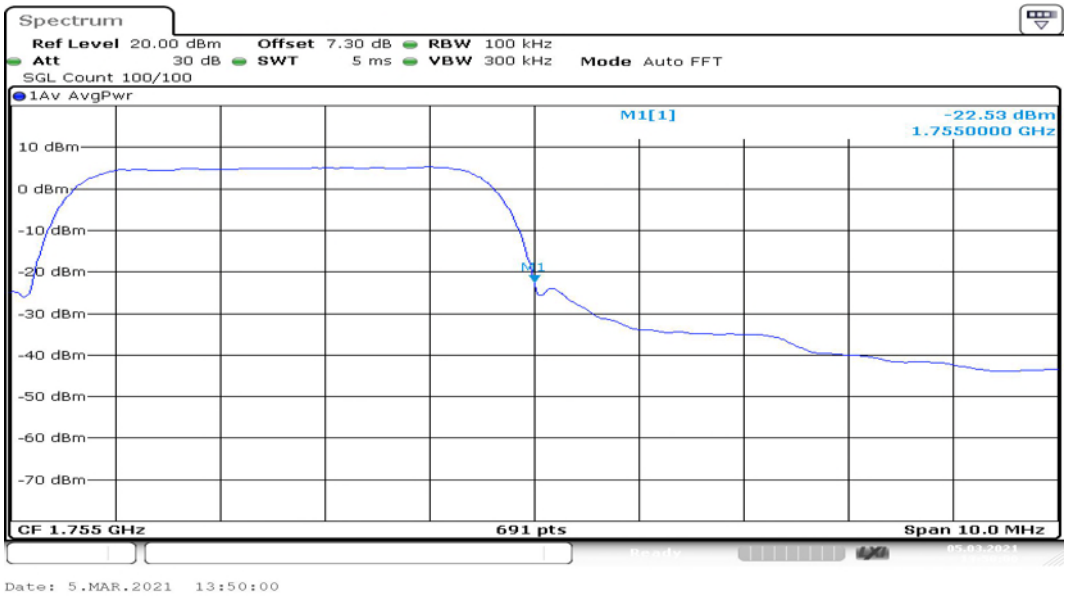


Channel 1513

HSUPA Mode:



Channel 1312



Channel 1513

6. Frequency Stability

WCDMA band IV

REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1412	Channel 1513
-30	-0.008	-0.009	0.010
-20	-0.008	-0.009	0.010
-10	0.014	0.016	0.012
0	-0.007	0.016	0.014
+10	0.009	0.012	0.012
+20	0.000	0.000	0.000
+30	0.008	0.007	-0.003
+40	0.009	-0.002	-0.001
+50	-0.006	-0.008	0.009
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1412	Channel 1513
LV	-0.002	0.006	0.012
HV	-0.005	0.010	-0.012

HSDPA Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1412	Channel 1513
-30	-0.001	-0.005	0.009
-20	-0.001	-0.005	0.009
-10	0.003	0.007	-0.007
0	0.006	0.003	0.001
+10	-0.001	0.012	-0.009
+20	0.000	0.000	0.000
+30	0.000	-0.004	0.000
+40	-0.006	0.001	0.007
+50	0.002	0.010	0.002
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1412	Channel 1513
LV	-0.008	-0.007	0.007
HV	-0.006	0.000	0.007

HSUPA Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1412	Channel 1513
-30	0.001	-0.006	0.009
-20	0.001	-0.006	0.009
-10	-0.010	-0.006	-0.002
0	-0.005	0.004	0.004
+10	0.008	0.010	-0.001
+20	0.000	0.000	0.000
+30	-0.002	0.001	-0.008
+40	-0.009	0.003	-0.005
+50	-0.007	-0.004	-0.008
Voltage	Test Result (ppm)@NT		

	Channel 1312	Channel 1412	Channel 1513
LV	-0.006	-0.004	0.003
HV	0.010	0.005	0.000