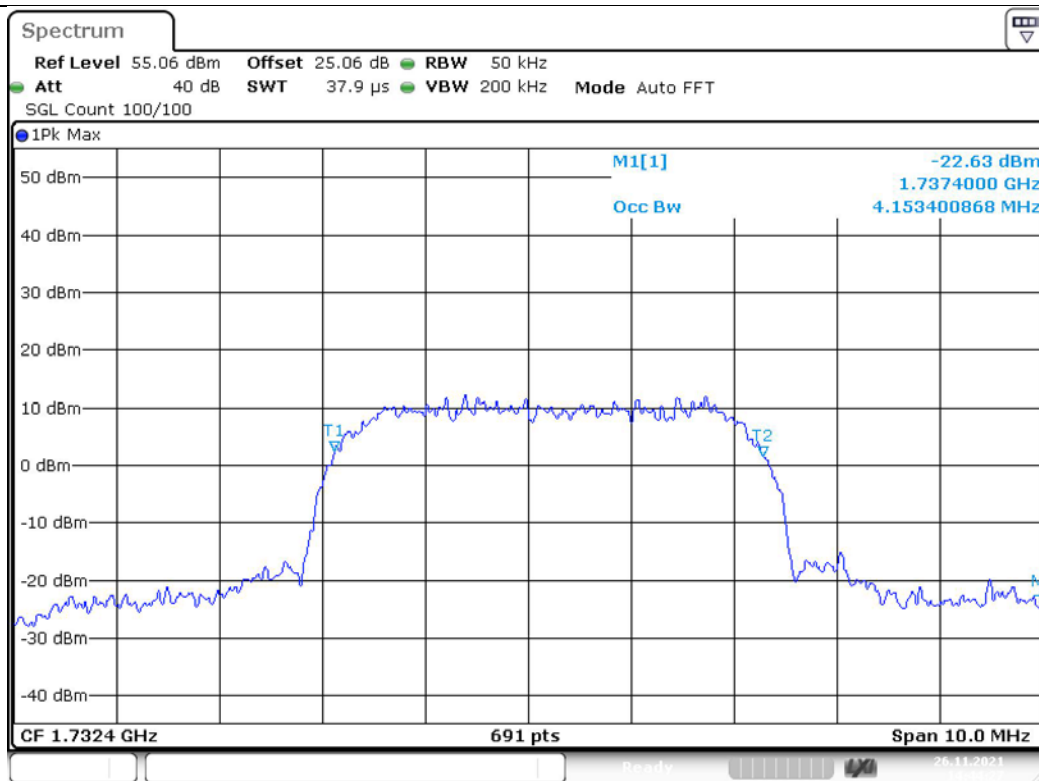
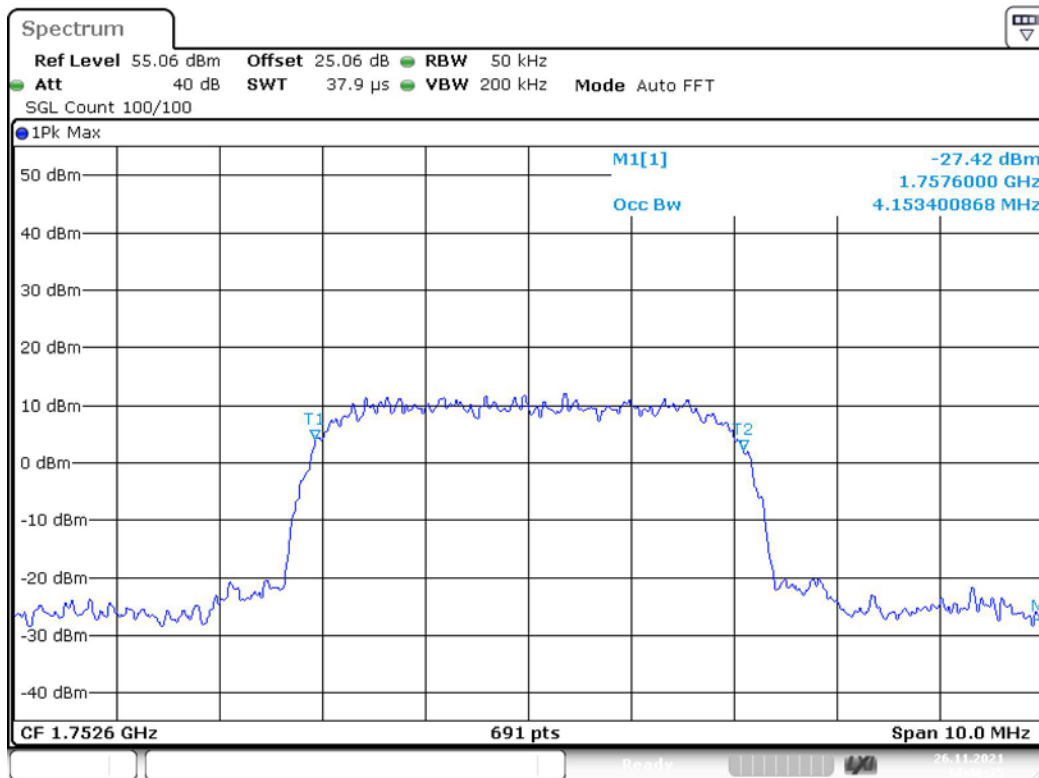




Channel 1412



Channel 1513

3. Emission Bandwidth

WCDMA band IV

REL99 Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
1712.4	1312	4.66
1732.6	1412	4.63
1752.6	1513	4.66

HSDPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
1712.4	1312	4.60
1732.6	1412	4.63
1752.6	1513	4.65

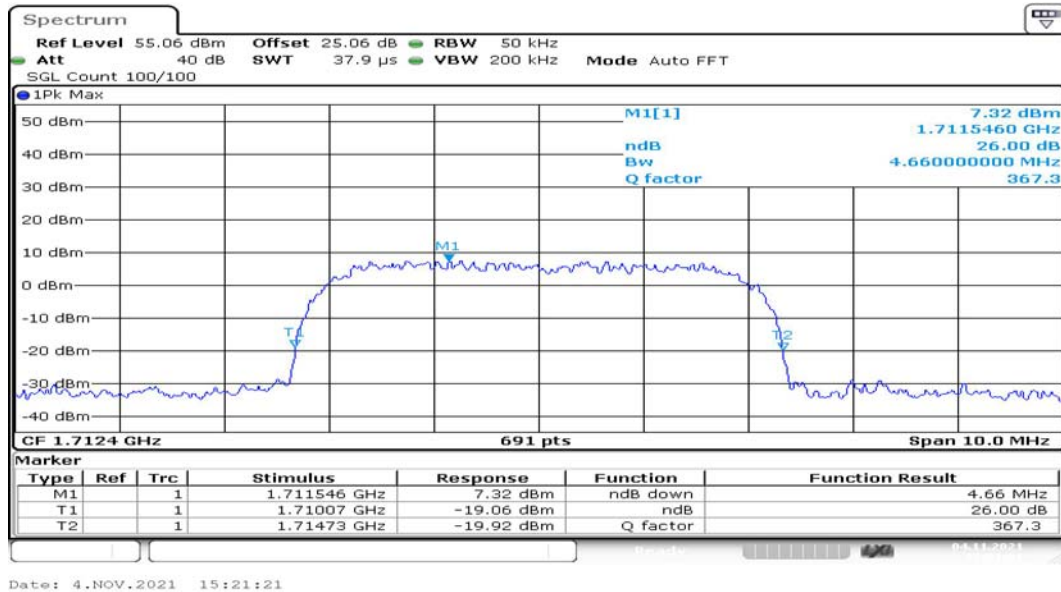
HSUPA Mode:

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

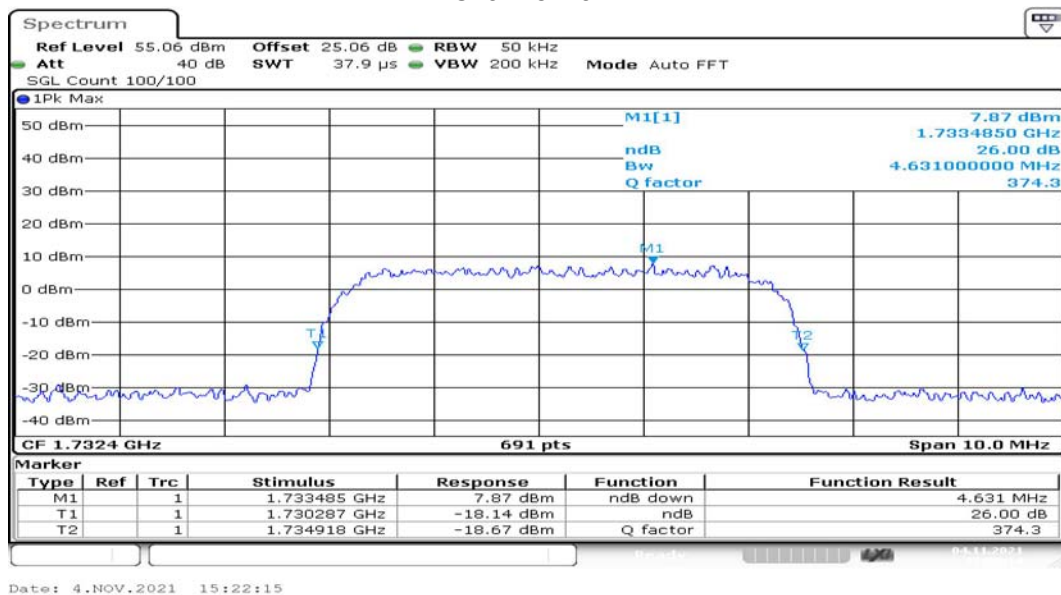
HSPA+ Mode:

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

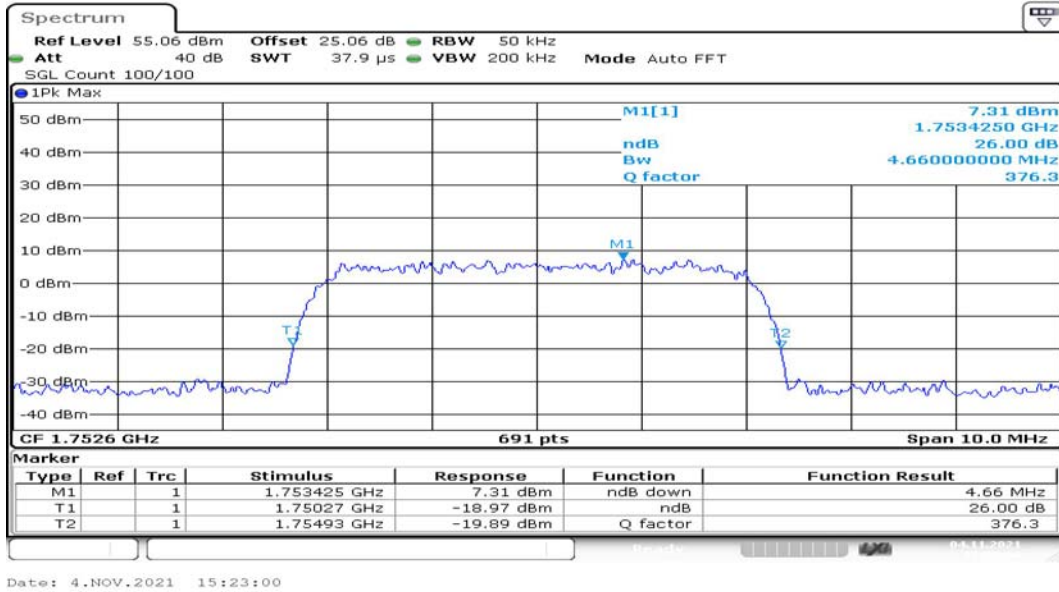
WCDMA band IV
REL99 Mode:



Channel 1312

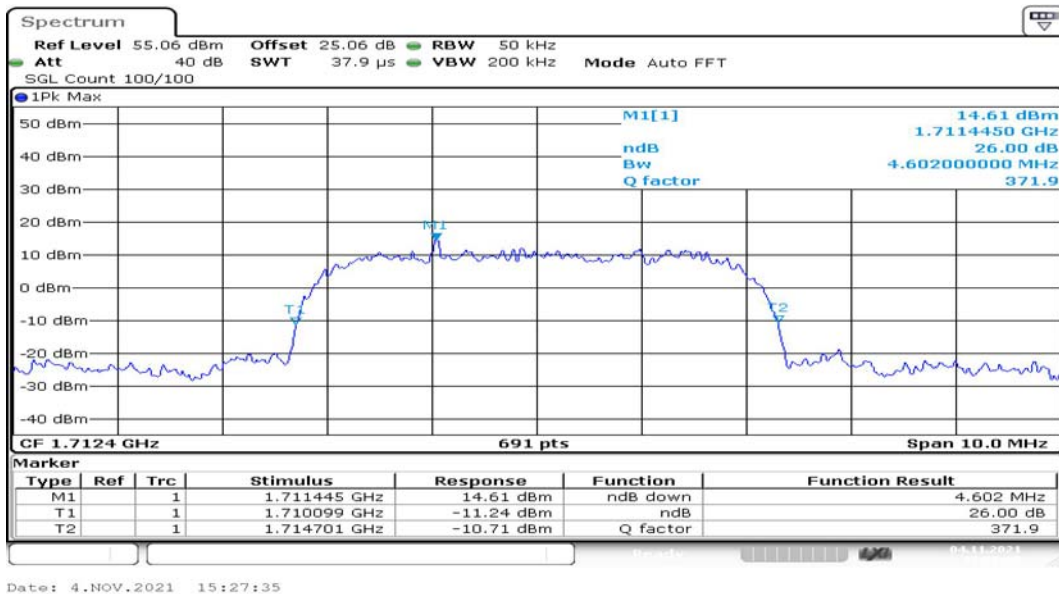


Channel 1412

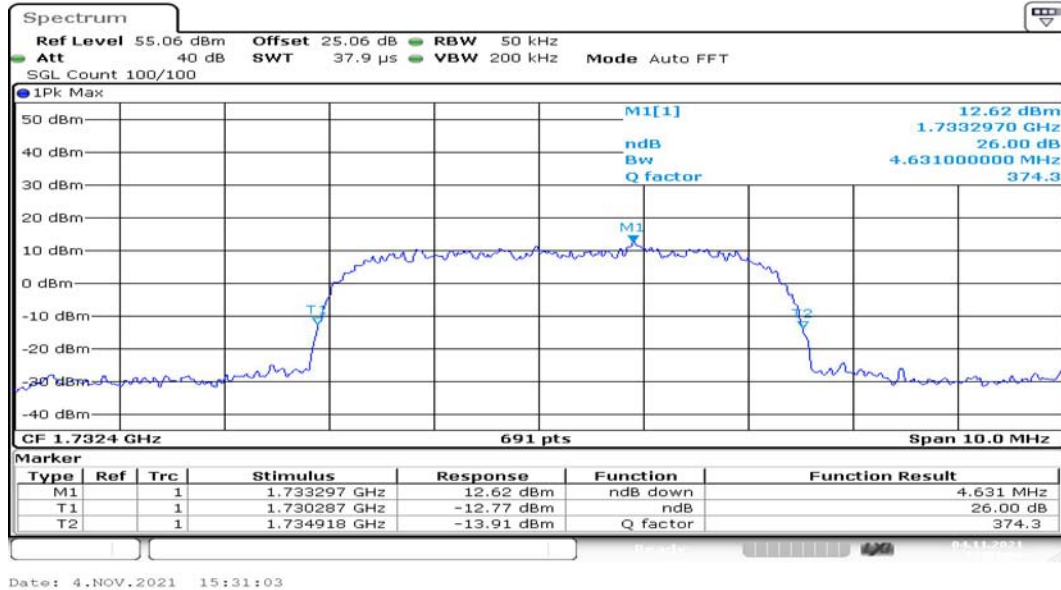


Channel 1513

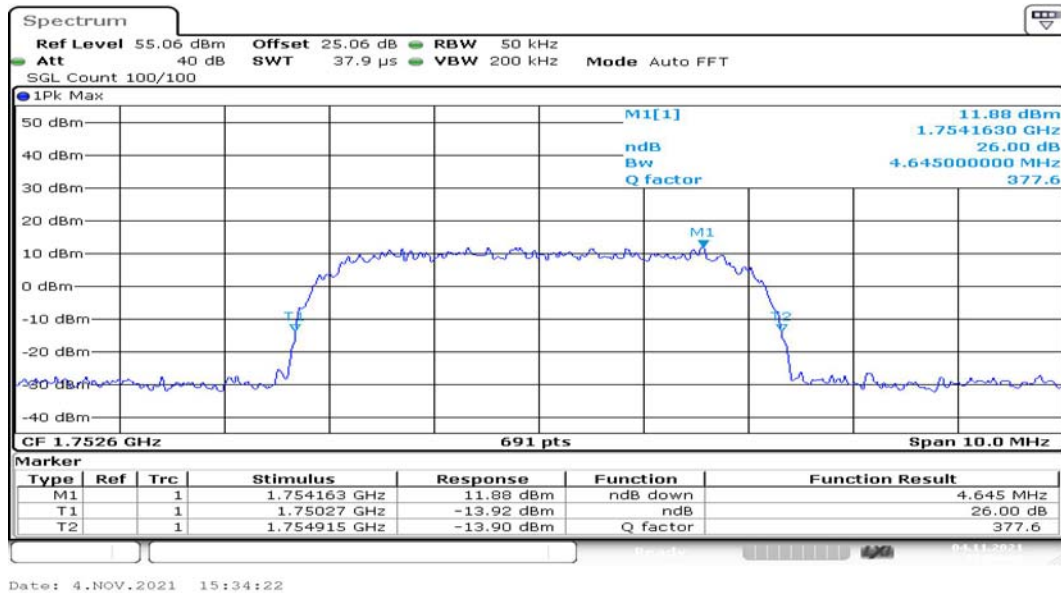
HSDPA Mode:



Channel 1312

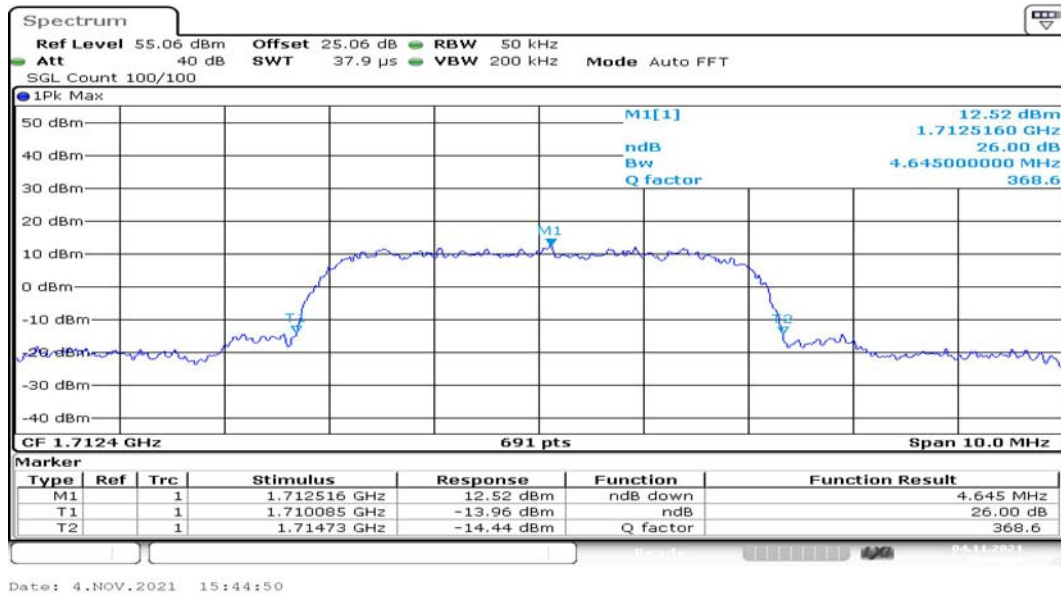


Channel 1412

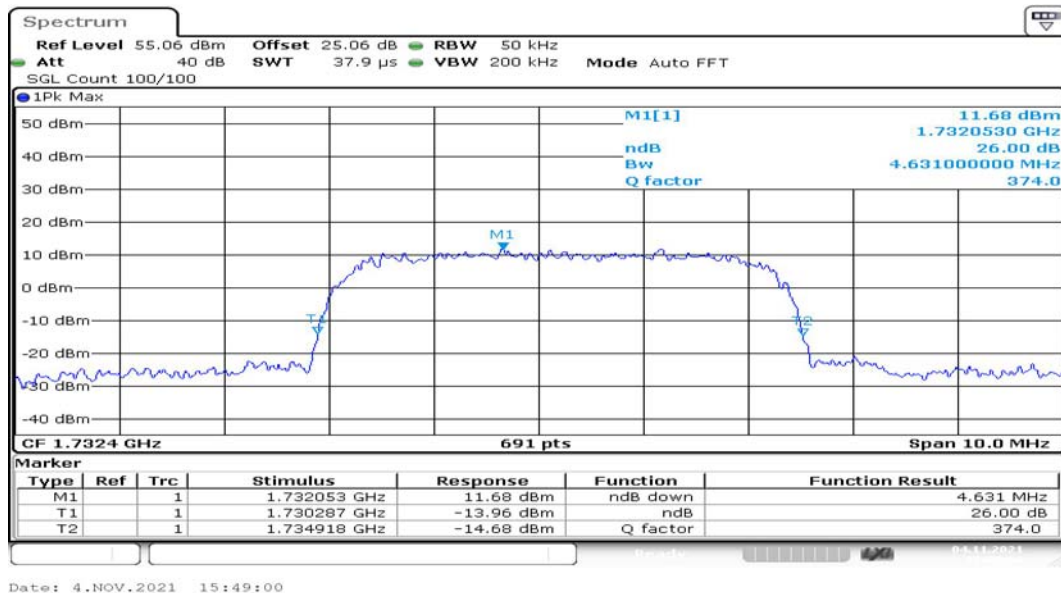


Channel 1513

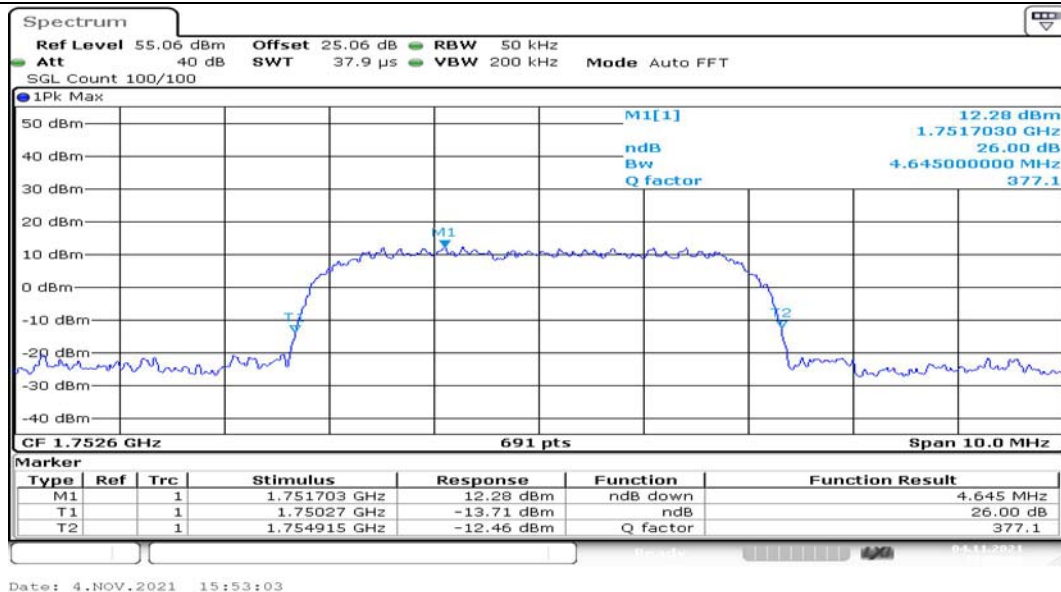
HSUPA Mode:



Channel 1312

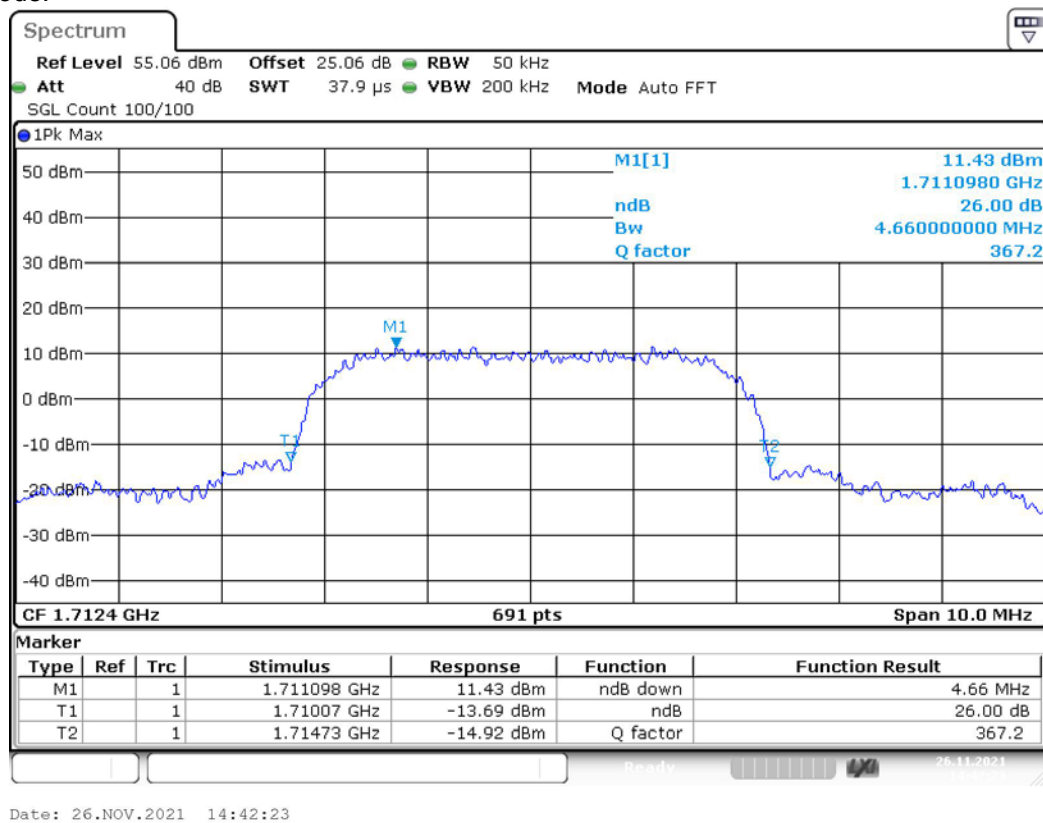


Channel 1412

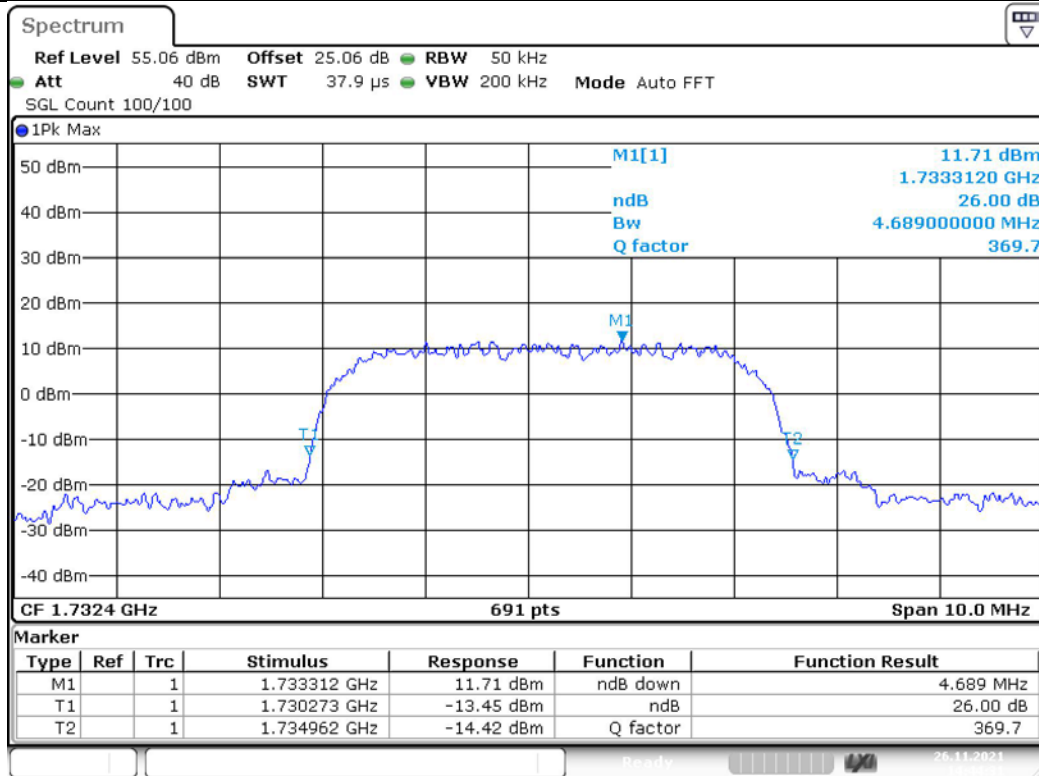


Channel 1513

HSUPA Mode:

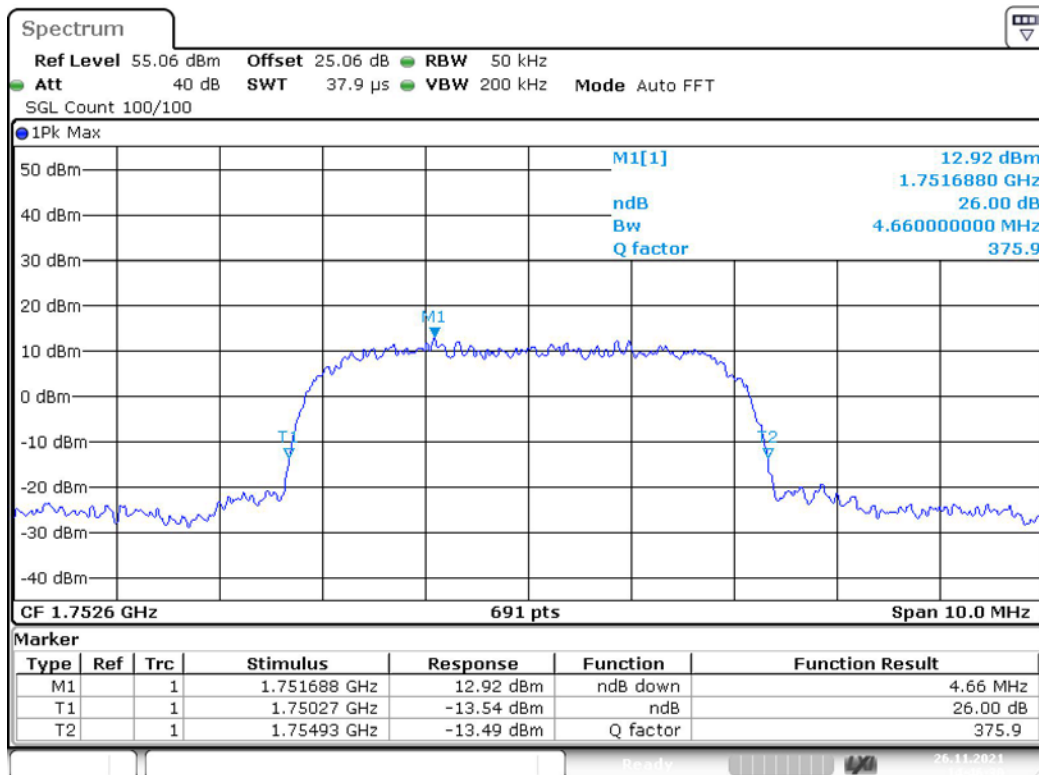


Channel 1312



Date: 26.NOV.2021 14:44:31

Channel 1412



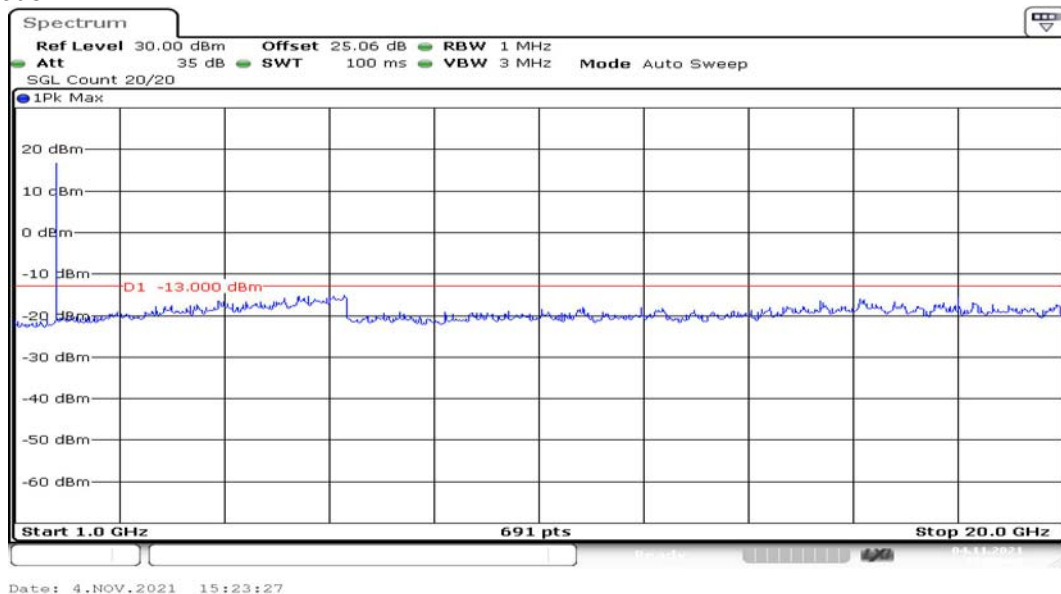
Date: 26.NOV.2021 14:46:30

Channel 1513

4. Spurious Emissions at antenna terminal

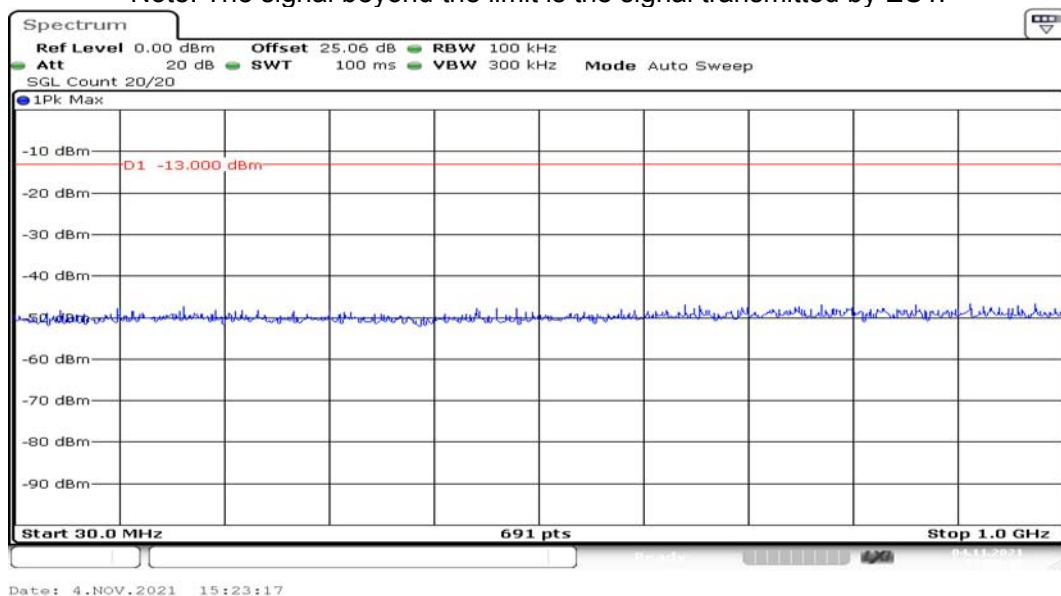
WCDMA band IV

REL99 Mode:



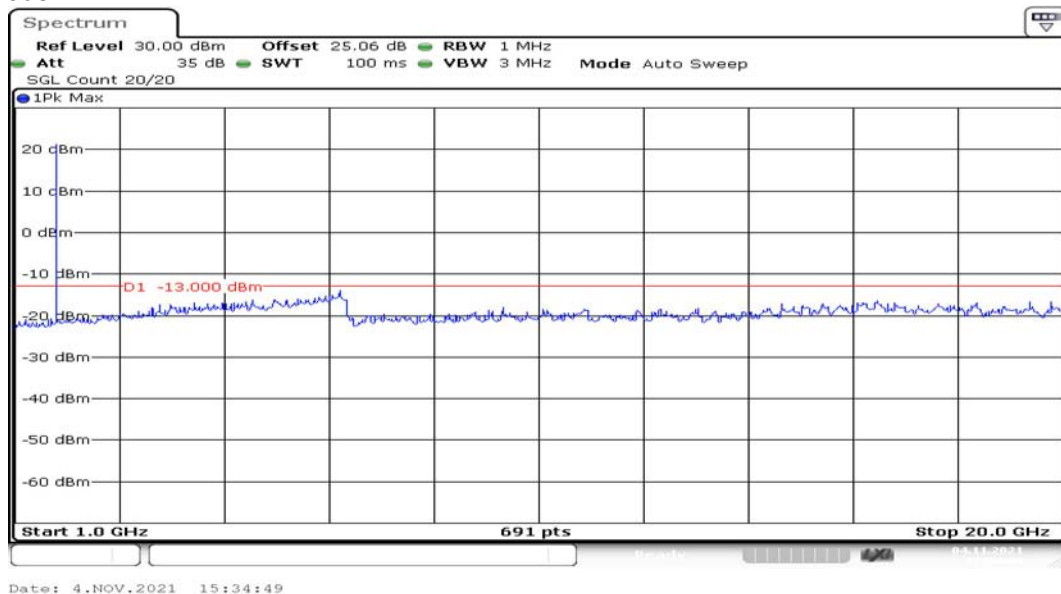
Channel 1412 1GHz~20GHz(dBm)

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



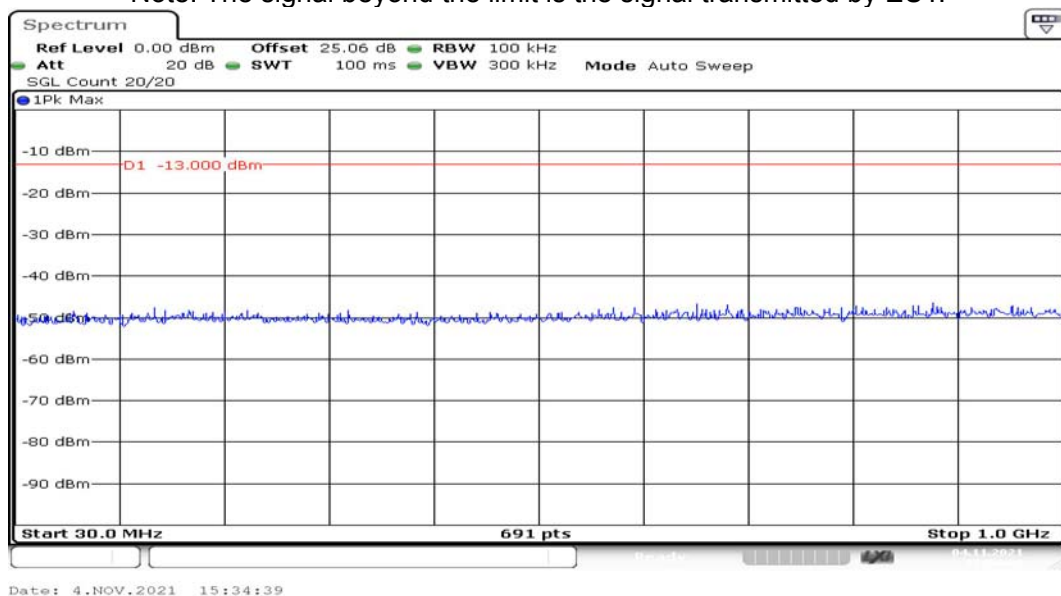
Channel 1412 30MHz~1GHz(dBm)

HSDPA Mode:



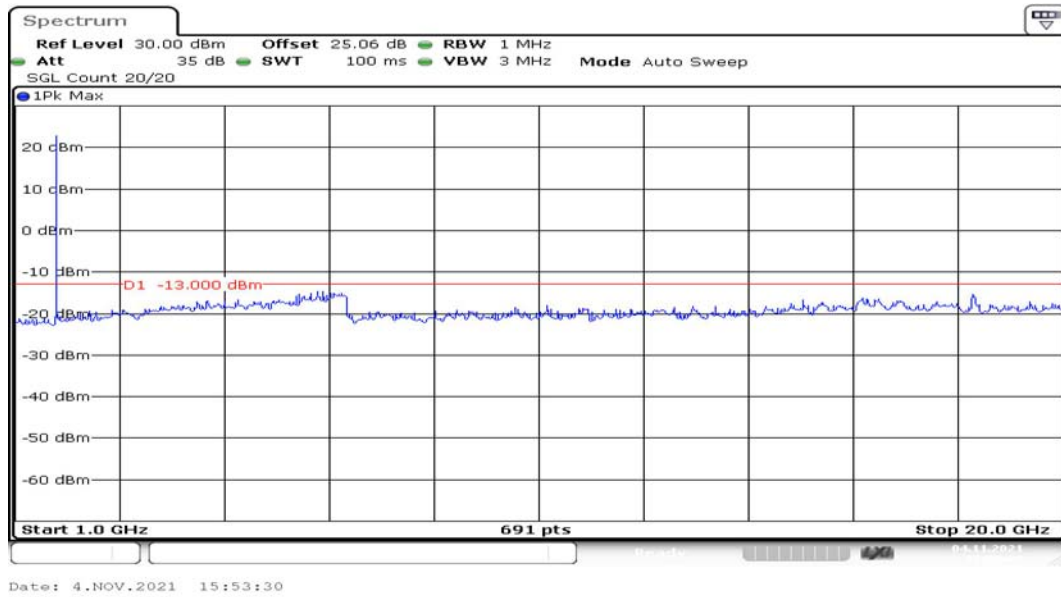
Channel 1412 1GHz~20GHz(dBm)

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



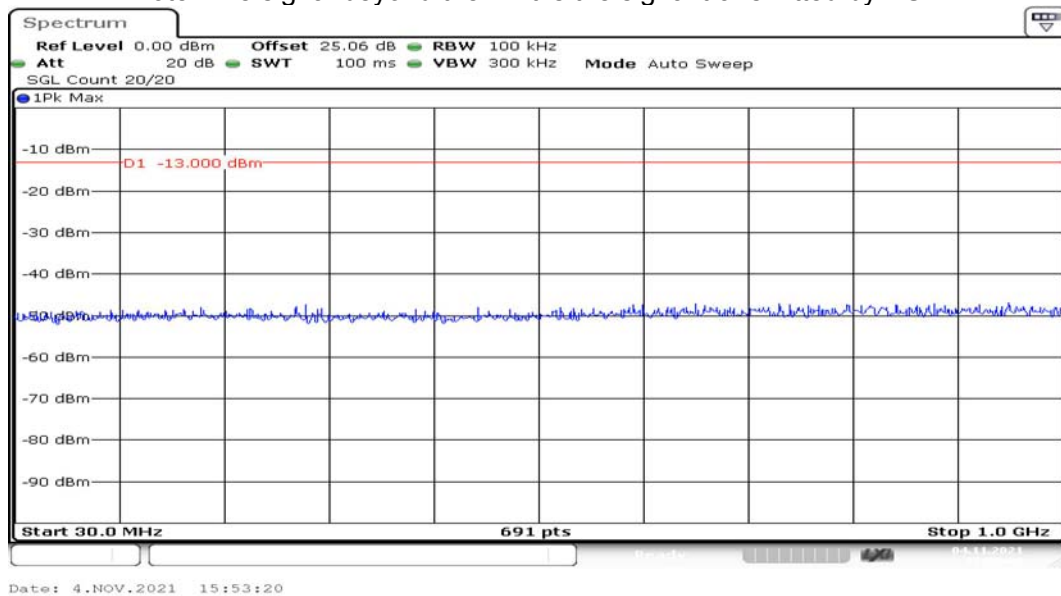
Channel 1412 30MHz~1GHz(dBm)

HSUPA Mode:



Channel 1412 1GHz~20GHz(dBm)

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



Channel 1412 30MHz~1GHz(dBm)

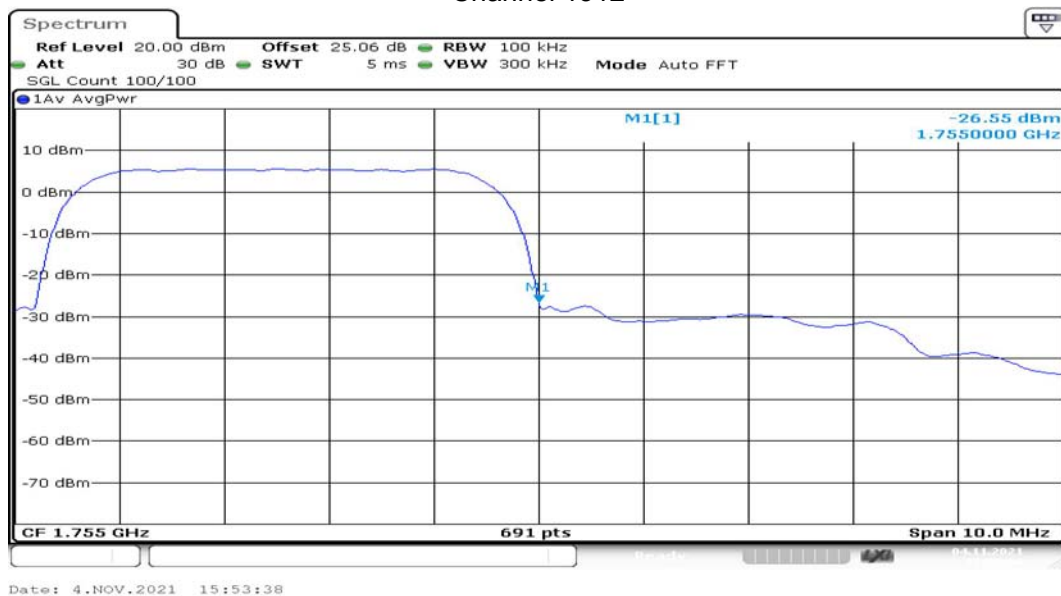
5. Band Edges Compliance

WCDMA band IV

REL99 Mode:



Channel 1312



Channel 1513

Spectrum

Ref Level 20.00 dBm Offset 25.06 dB RBW 100 kHz
Att 30 dB SWT 5 ms VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Av AvgPwr

M1[1] -22.19 dBm 1.7100000 GHz

CF 1.71 GHz 691 pts Span 10.0 MHz

Date: 4.NOV.2021 15:45:25

Spectrum

Ref Level 20.00 dBm Offset 25.06 dB RBW 100 kHz
Att 30 dB SWT 5 ms VBW 300 kHz Mode Auto FFT
SGL Count 100/100

● 1Av AvgPwr

M1[1] -26.55 dBm
1.7550000 GHz

10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm

CF 1.755 GHz 691 pts Span 10.0 MHz

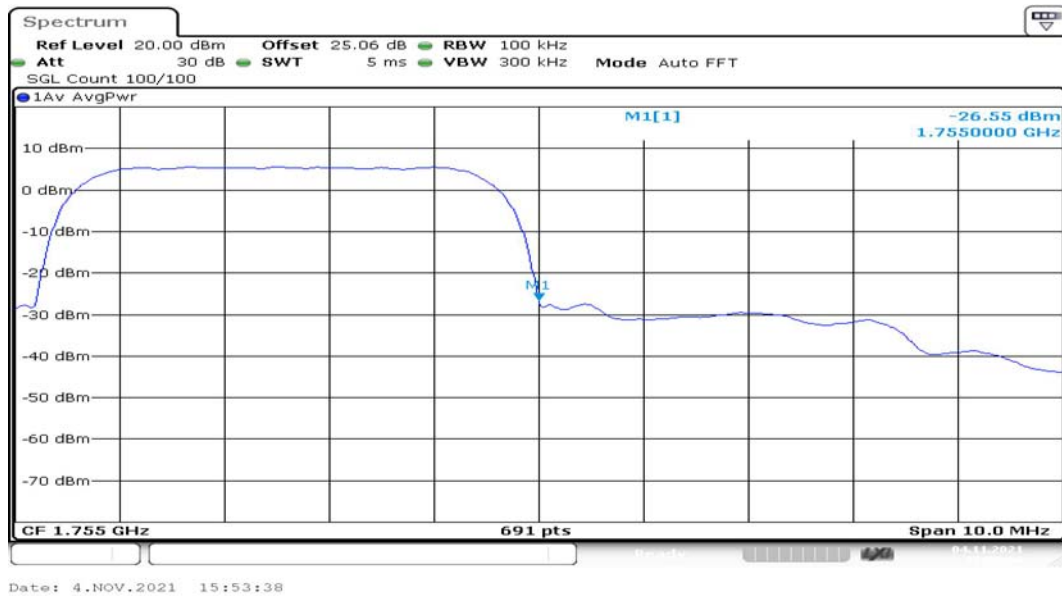
Date: 4.NOV.2021 15:53:38

V3.0.0

HSUPA Mode:

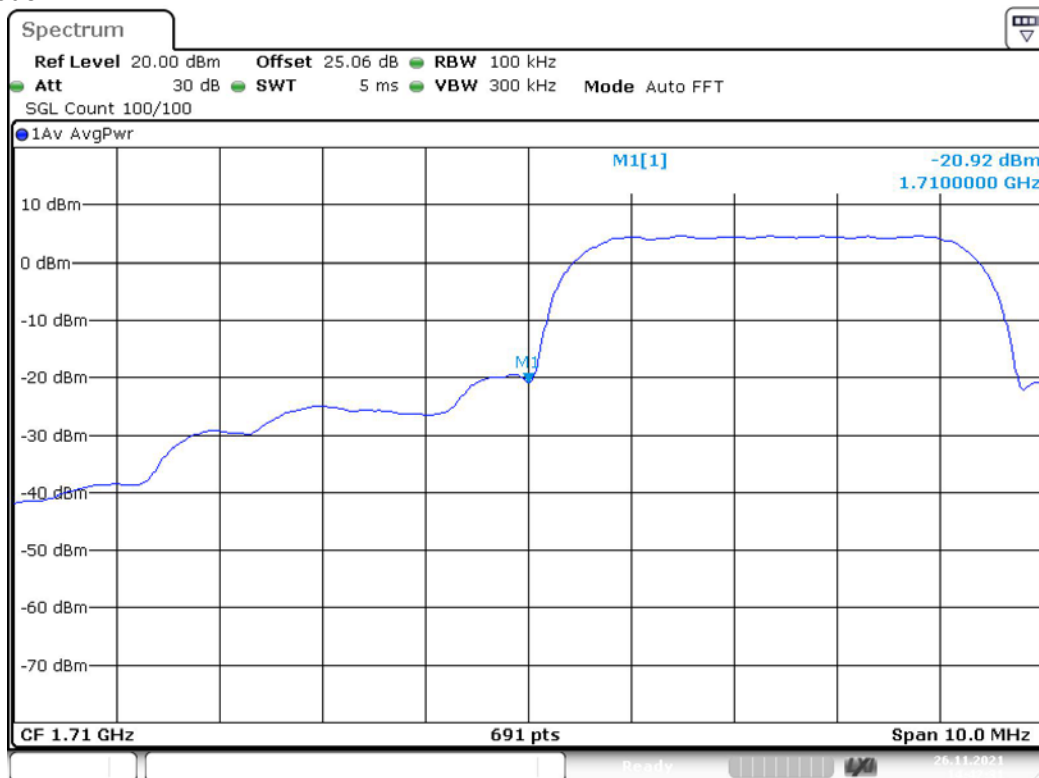


Channel 1312

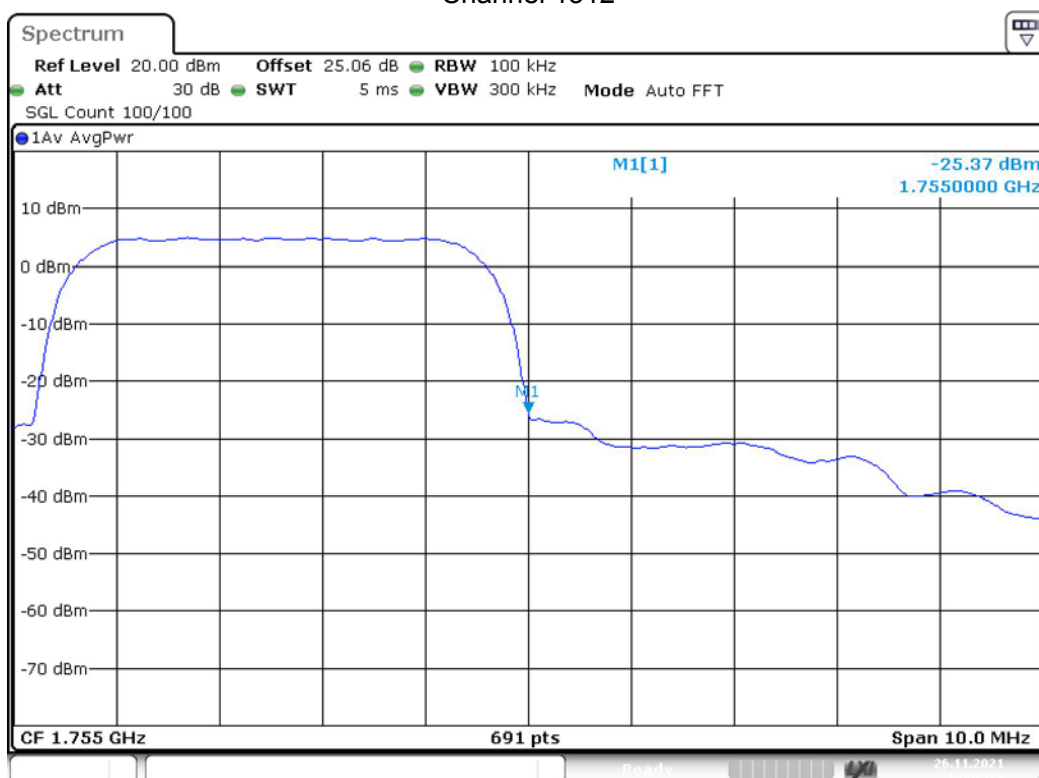


Channel 1513

HSPA+ 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	-0.002	-0.002	-0.003
-20	-0.003	0.000	-0.001
-10	-0.003	0.001	-0.002
0	-0.002	0.000	-0.001
+10	-0.002	-0.001	-0.002
+30	-0.001	-0.001	0.001
+40	-0.004	0.001	-0.002
+50	-0.003	-0.001	0.000
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1412	Channel 1513
LV	-0.002	-0.001	-0.001
HV	-0.002	-0.002	0.001

HSDPA Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1412	Channel 1513
-30	-0.003	-0.056	0.000
-20	-0.003	-0.057	0.002
-10	-0.003	-0.056	0.000
0	-0.003	-0.057	-0.001
+10	-0.003	-0.054	-0.001
+30	-0.001	-0.054	0.003
+40	-0.004	-0.056	0.005
+50	-0.004	-0.056	0.000
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1412	Channel 1513
LV	-0.004	-0.056	0.001
HV	0.000	-0.053	0.000

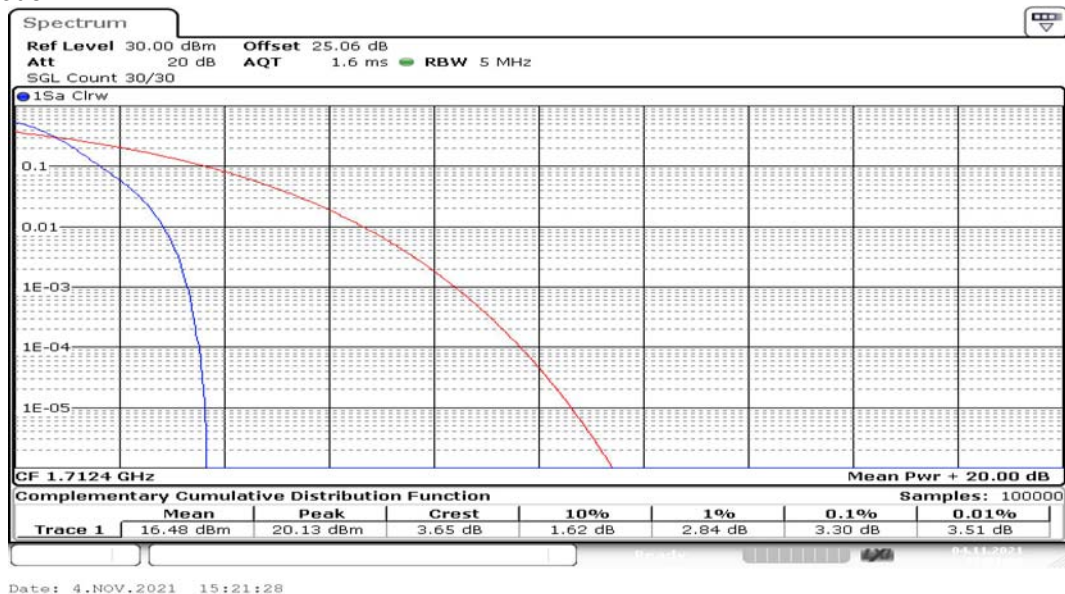
HSUPA Mode:

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

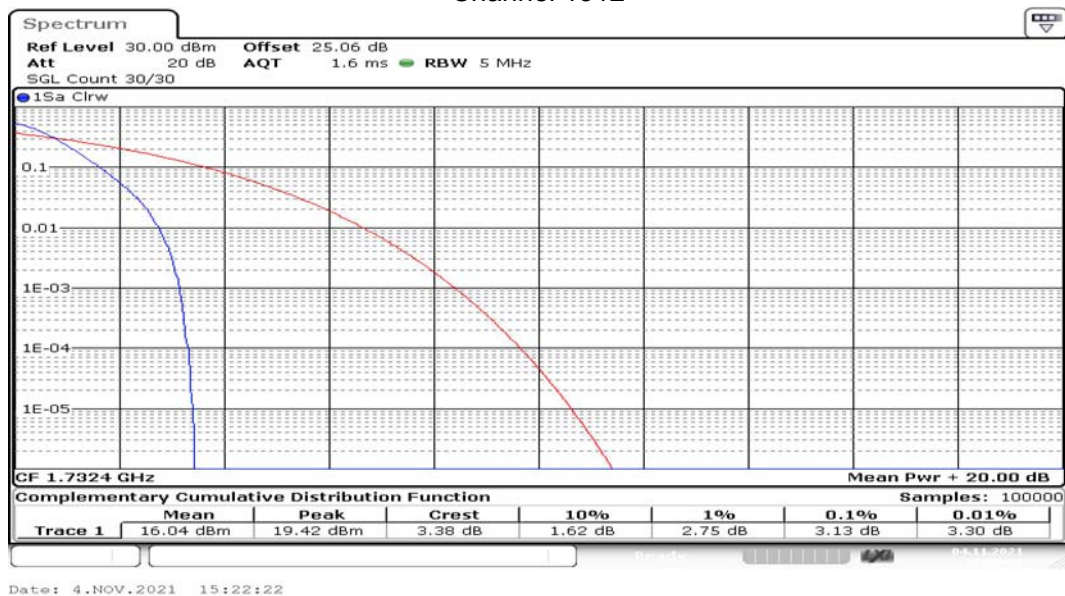
7. Peak-Average Ratio

WCDMA band IV

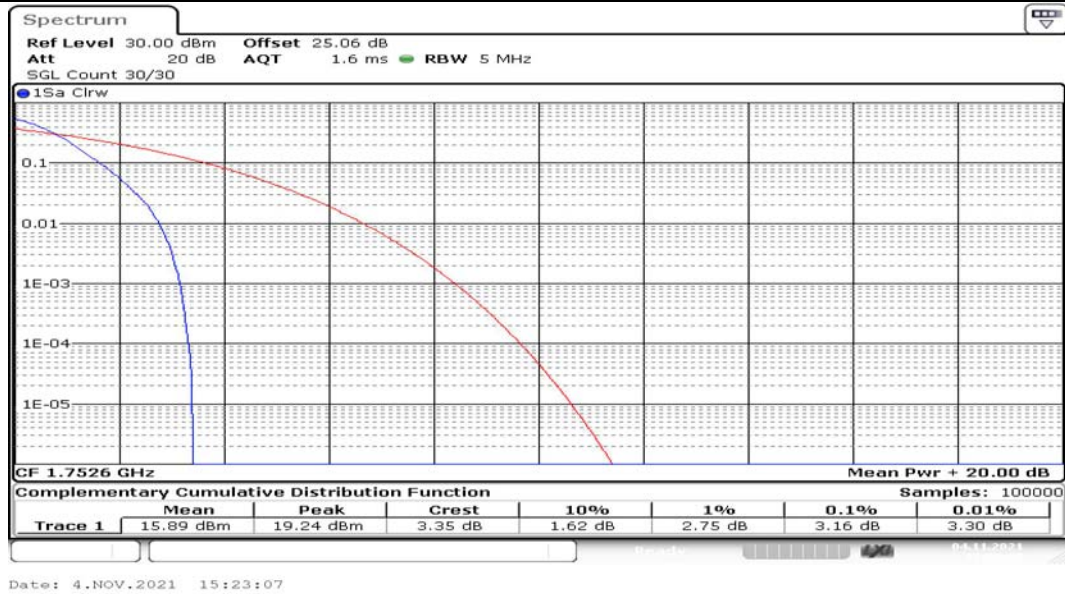
REL99 Mode:



Channel 1312

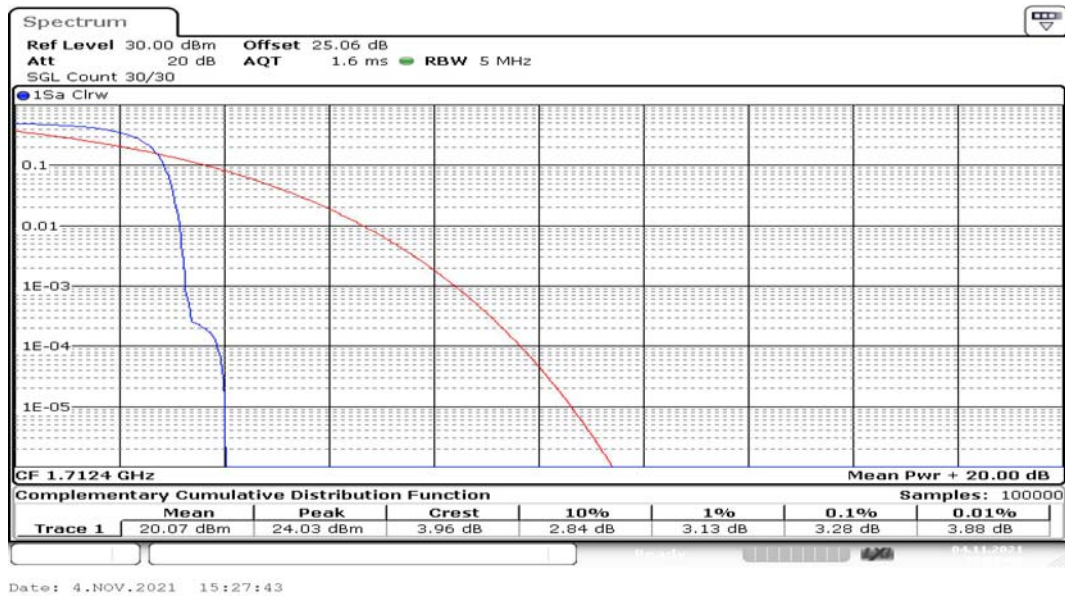


Channel 1412

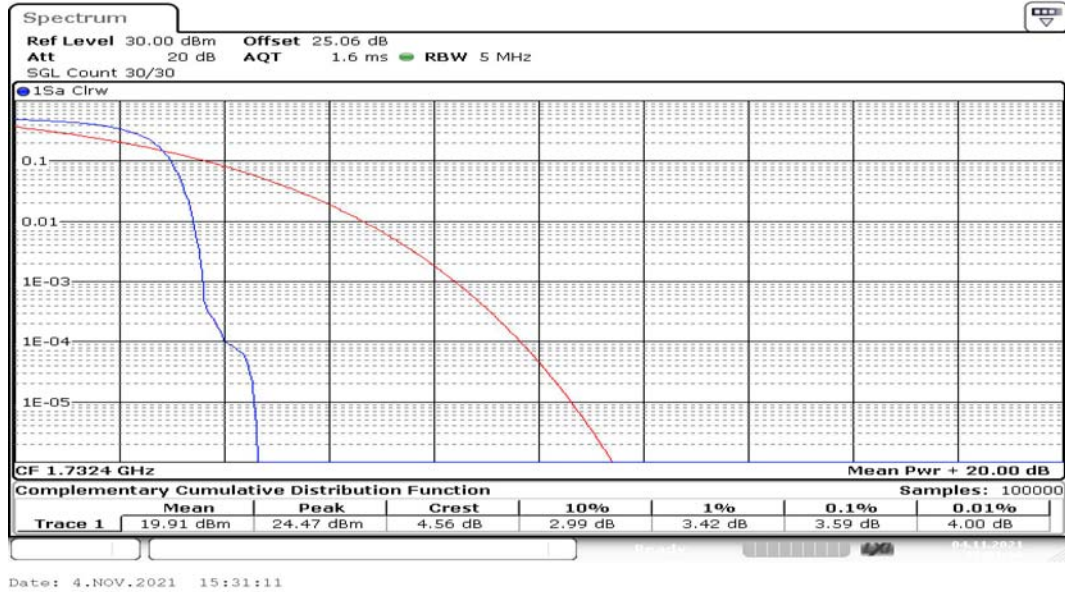


Channel 1513

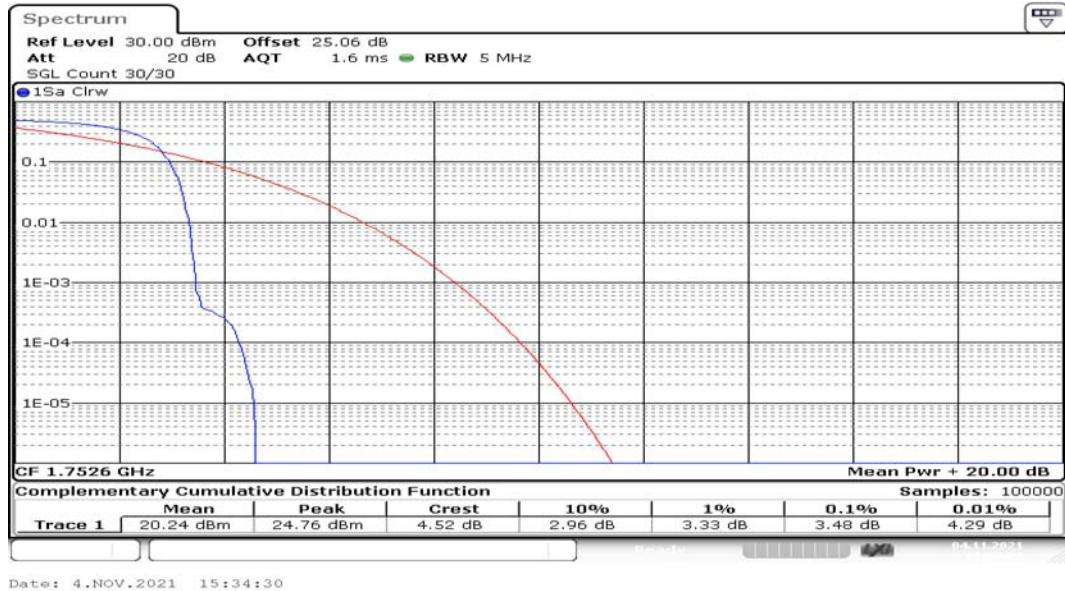
HSDPA Mode:



Channel 1312

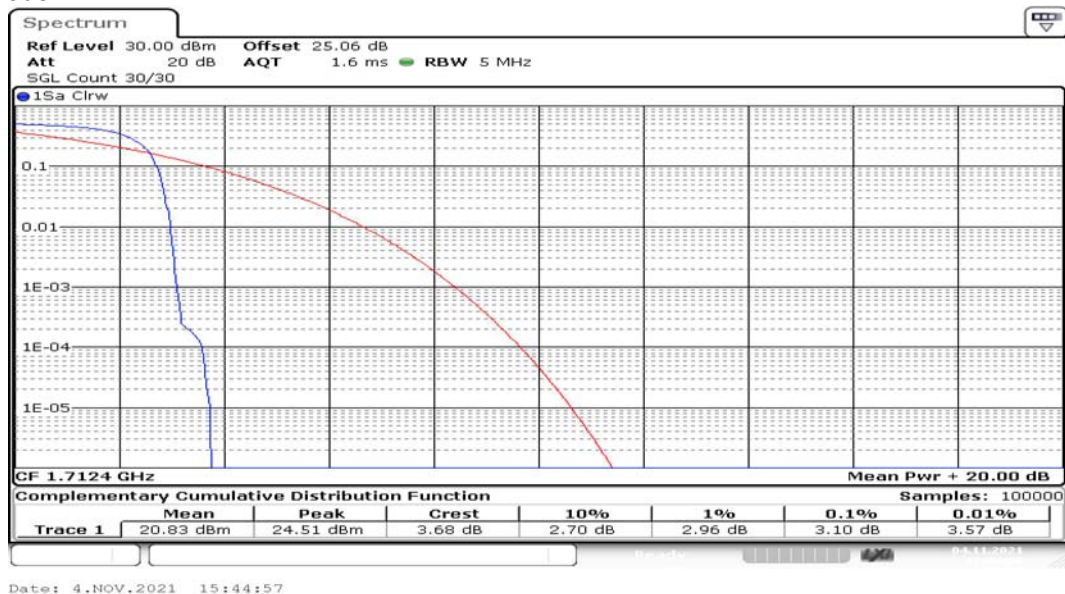


Channel 1412

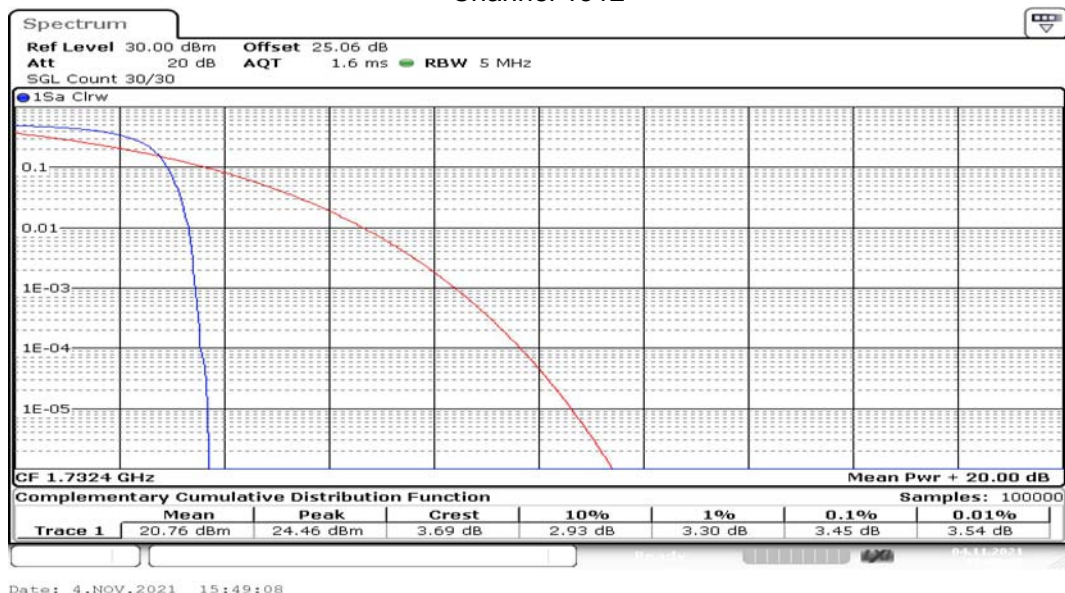


Channel 1513

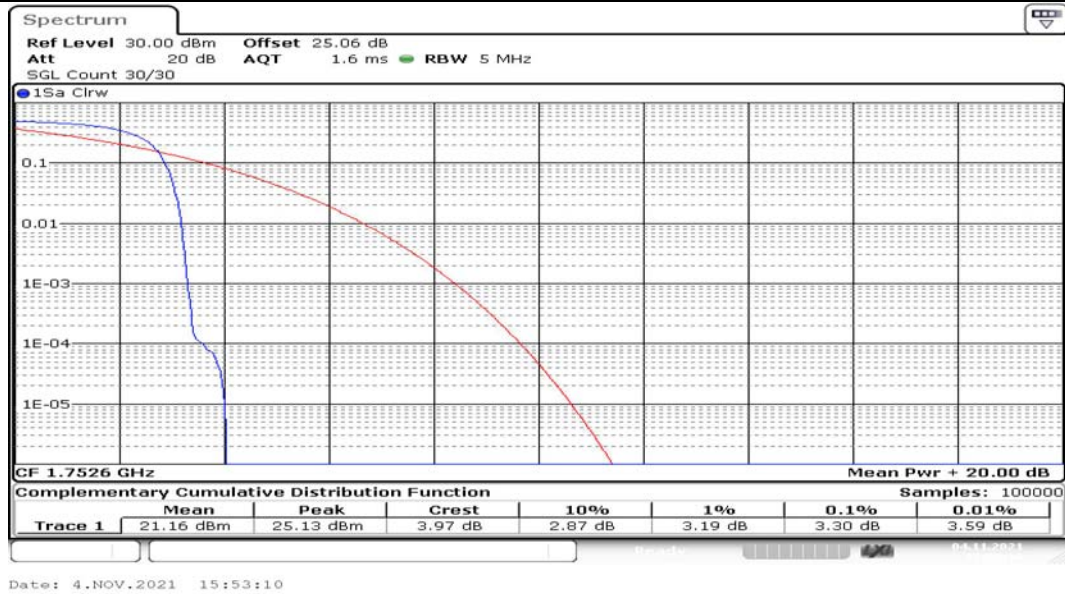
HSUPA Mode:



Channel 1312



Channel 1412



Channel 1513

8. Effective Radiated Power and Effective Isotropic Radiated Power

WCDMA band IV

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Release 99	RMC, 12.2kps	1712.4	1312	23.07	22.53	0.179
		1732.6	1412	23.1	22.56	0.180
		1752.6	1513	23.11	22.57	0.181
HSDPA	Subtest1	1712.4	1312	21.28	20.74	0.119
		1732.6	1412	21.48	20.94	0.124
		1752.6	1513	21.37	20.83	0.121
	Subtest2	1712.4	1312	21.51	20.97	0.125
		1732.6	1412	21.87	21.33	0.136
		1752.6	1513	21.76	21.22	0.132
	Subtest3	1712.4	1312	21.5	20.96	0.125
		1732.6	1412	21.86	21.32	0.136
		1752.6	1513	21.75	21.21	0.132
	Subtest4	1712.4	1312	21.49	20.95	0.124
		1732.6	1412	21.86	21.32	0.136
		1752.6	1513	21.74	21.20	0.132
HSUPA	Subtest1	1712.4	1312	22.45	21.91	0.155
		1732.6	1412	22.59	22.05	0.160
		1752.6	1513	22.8	22.26	0.168
	Subtest2	1712.4	1312	22.45	21.91	0.155
		1732.6	1412	22.63	22.09	0.162
		1752.6	1513	22.84	22.30	0.170
	Subtest3	1712.4	1312	23.03	22.49	0.177
		1732.6	1412	22.6	22.06	0.161
		1752.6	1513	22.81	22.27	0.169
	Subtest4	1712.4	1312	22.47	21.93	0.156
		1732.6	1412	22.67	22.13	0.163
		1752.6	1513	22.75	22.21	0.166
	Subtest5	1712.4	1312	22.6	22.06	0.161
		1732.6	1412	22.63	22.09	0.162
		1752.6	1513	22.85	22.31	0.170

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSPA+	QPSK	1712.4	1312	22.53	21.99	0.158
		1732.6	1412	22.61	22.07	0.161
		1752.6	1513	22.83	22.29	0.169
	16QAM	1712.4	1312	22.52	21.98	0.158
		1732.6	1412	22.62	22.08	0.161
		1752.6	1513	22.82	22.28	0.169

WCDMA band V

1. RF Power Output

WCDMA band V

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
Release 99	RMC, 12.2kbps	826.4	4132	22.58
		836.6	4183	22.67
		846.6	4233	22.9
HSDPA	Subtest1	826.4	4132	21.49
		836.6	4183	22.06
		846.6	4233	21.92
	Subtest2	826.4	4132	21.29
		836.6	4183	21.74
		846.6	4233	21.66
	Subtest3	826.4	4132	21.04
		836.6	4183	21.45
		846.6	4233	21.41
	Subtest4	826.4	4132	20.92
		836.6	4183	21.33
		846.6	4233	21.28
HSUPA	Subtest1	826.4	4132	22.24
		836.6	4183	22.73
		846.6	4233	22.54
	Subtest2	826.4	4132	22.22
		836.6	4183	22.75
		846.6	4233	22.55
	Subtest3	826.4	4132	22.23
		836.6	4183	22.71
		846.6	4233	22.51
	Subtest4	826.4	4132	22.3
		836.6	4183	22.73
		846.6	4233	22.6
	Subtest5	826.4	4132	22.19
		836.6	4183	22.69
		846.6	4233	22.49

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
HSPA+	QPSK	826.4	4132	22.44
		836.6	4183	22.87
		846.6	4233	22.62
	16QAM	826.4	4132	22.26
		836.6	4183	22.81
		846.6	4233	22.52

2. Occupied Bandwidth

WCDMA band V

REL99 Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.14
836.6	4183	4.14
846.6	4233	4.21

HSDPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.17
836.6	4183	4.15
846.6	4233	4.14

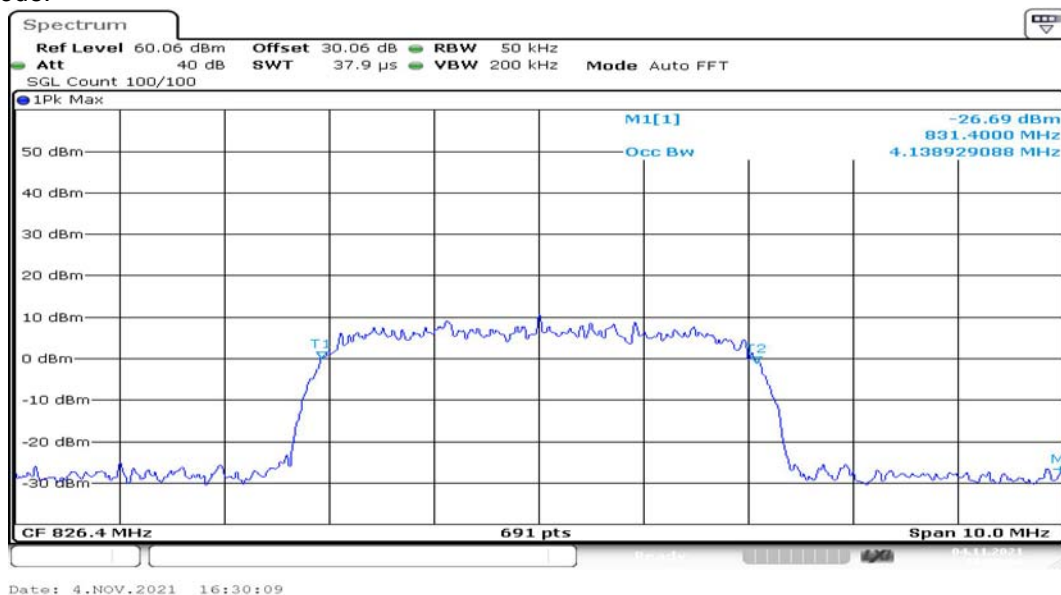
HSUPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.15
836.6	4183	4.15
846.6	4233	4.15

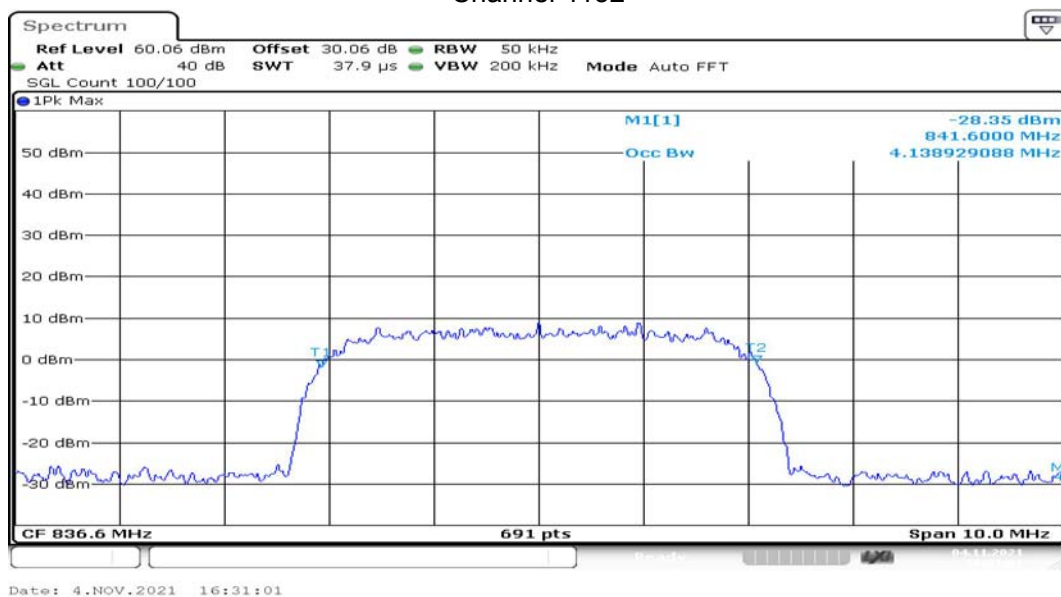
HSPA+ Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.14
836.6	4183	4.15
846.6	4233	4.18

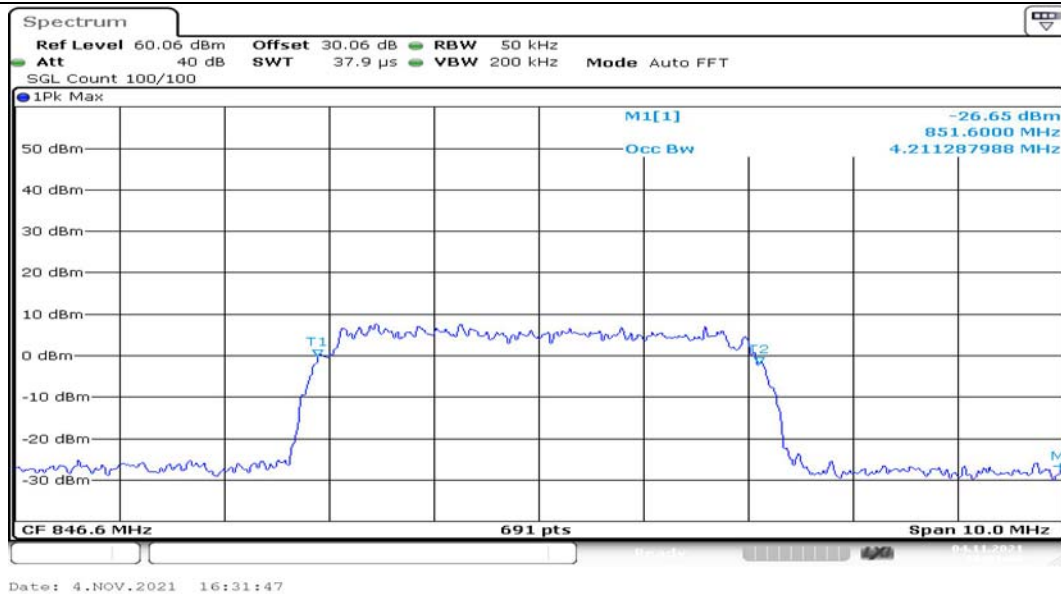
WCDMA band V
REL99 Mode:



Channel 4132

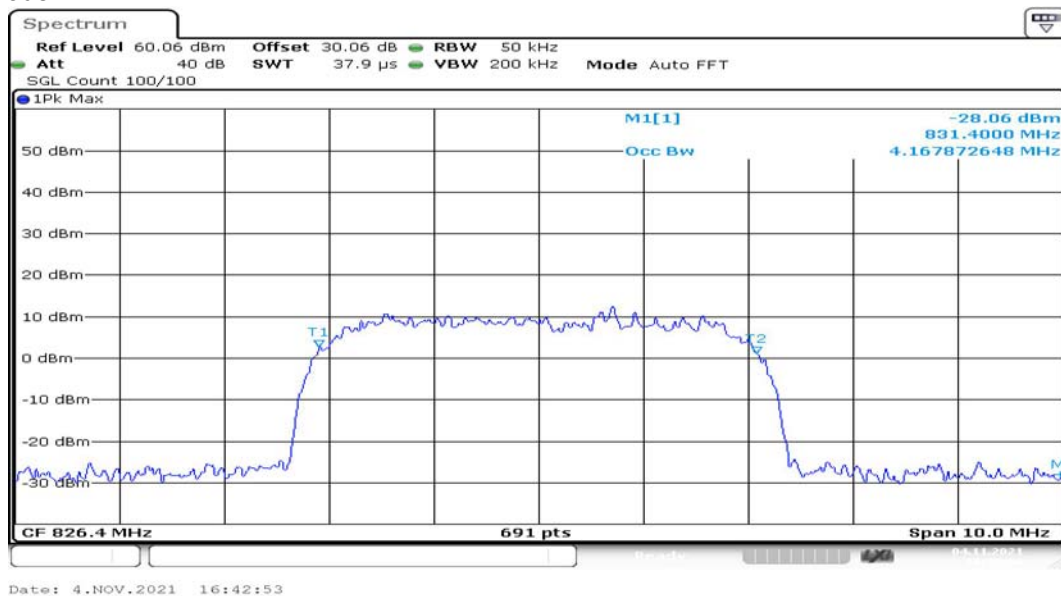


Channel 4183

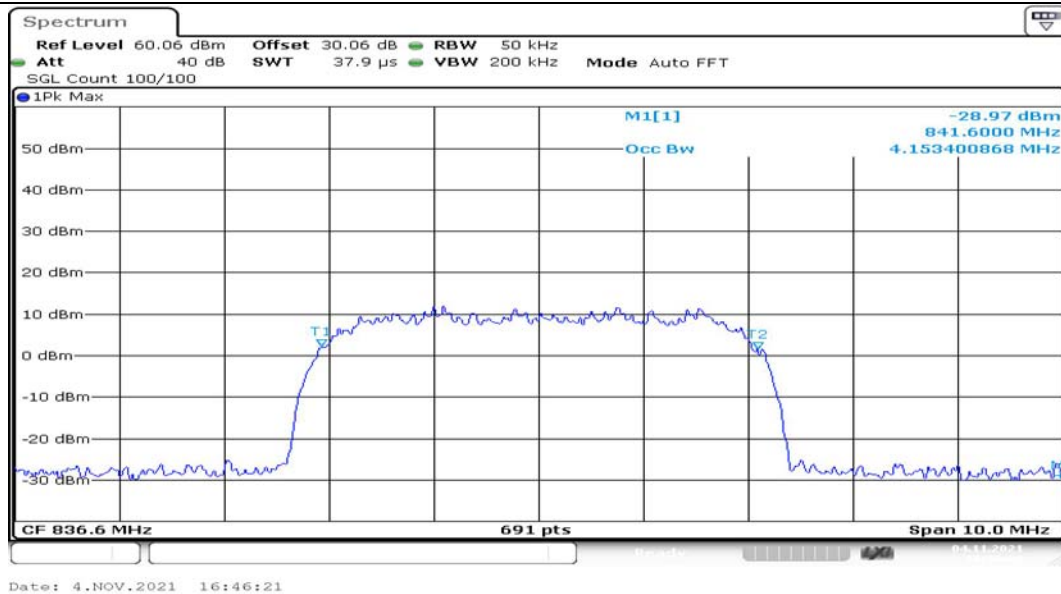


Channel 4233

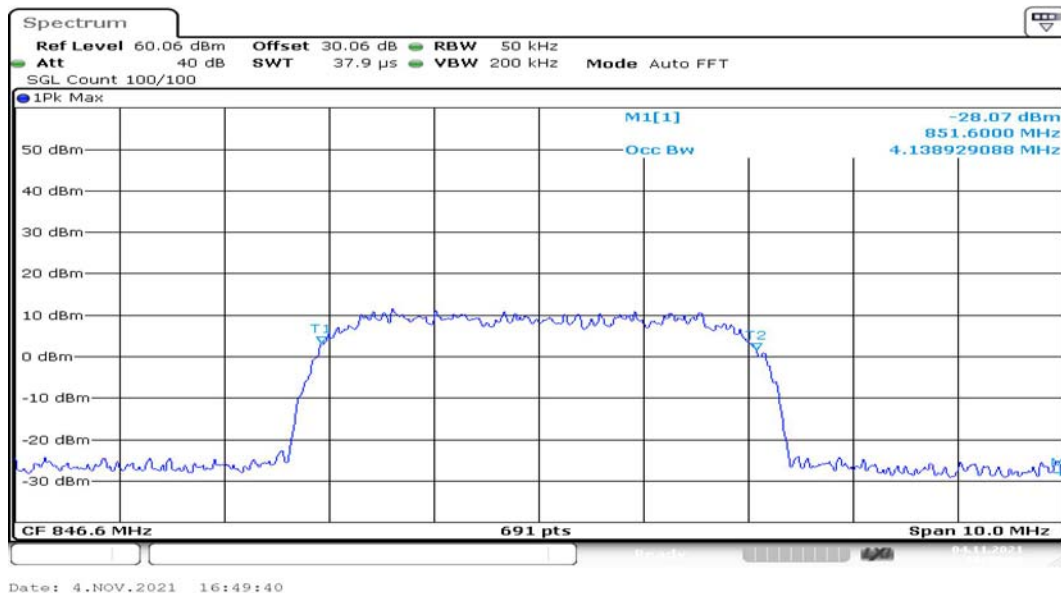
HSDPA Mode:



Channel 4132

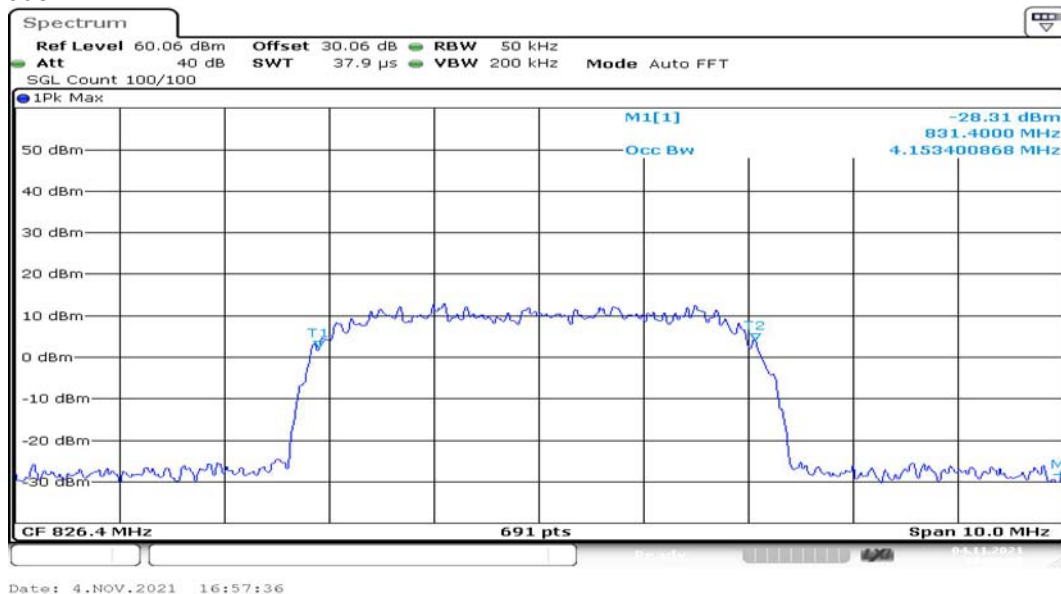


Channel 4183

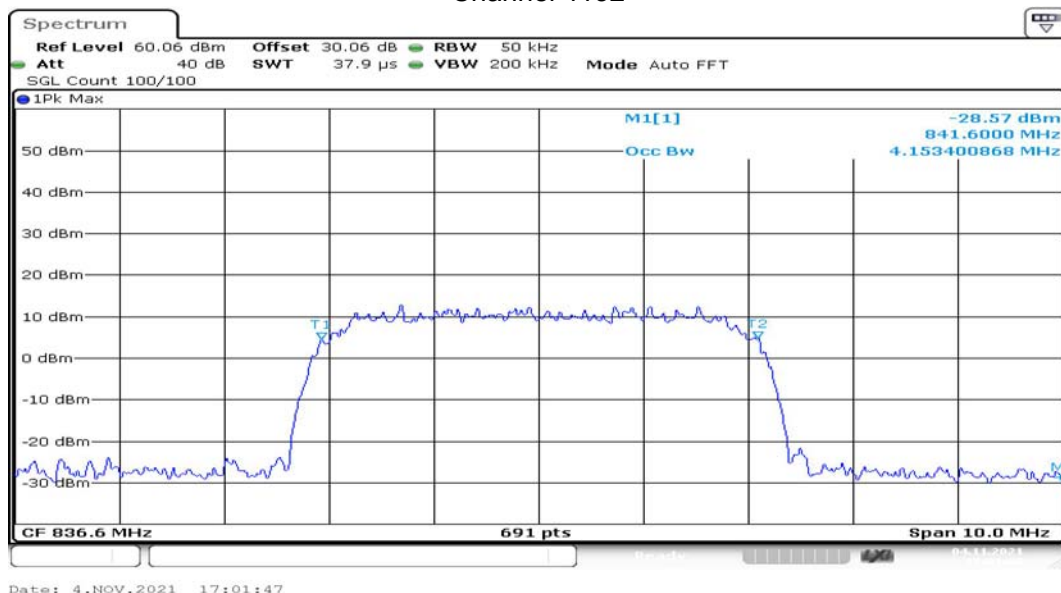


Channel 4233

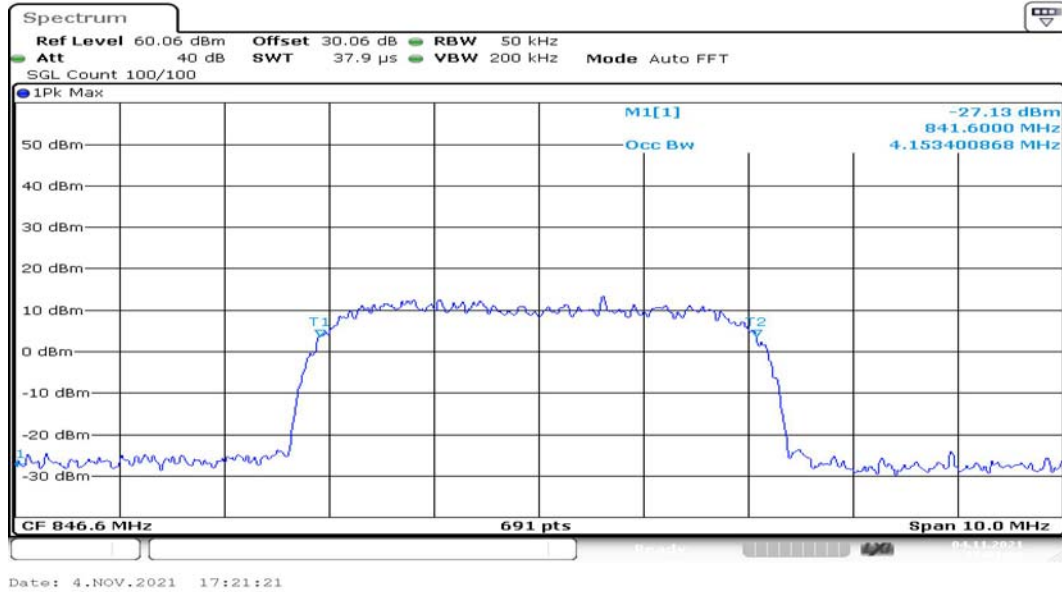
HSUPA Mode:



Channel 4132

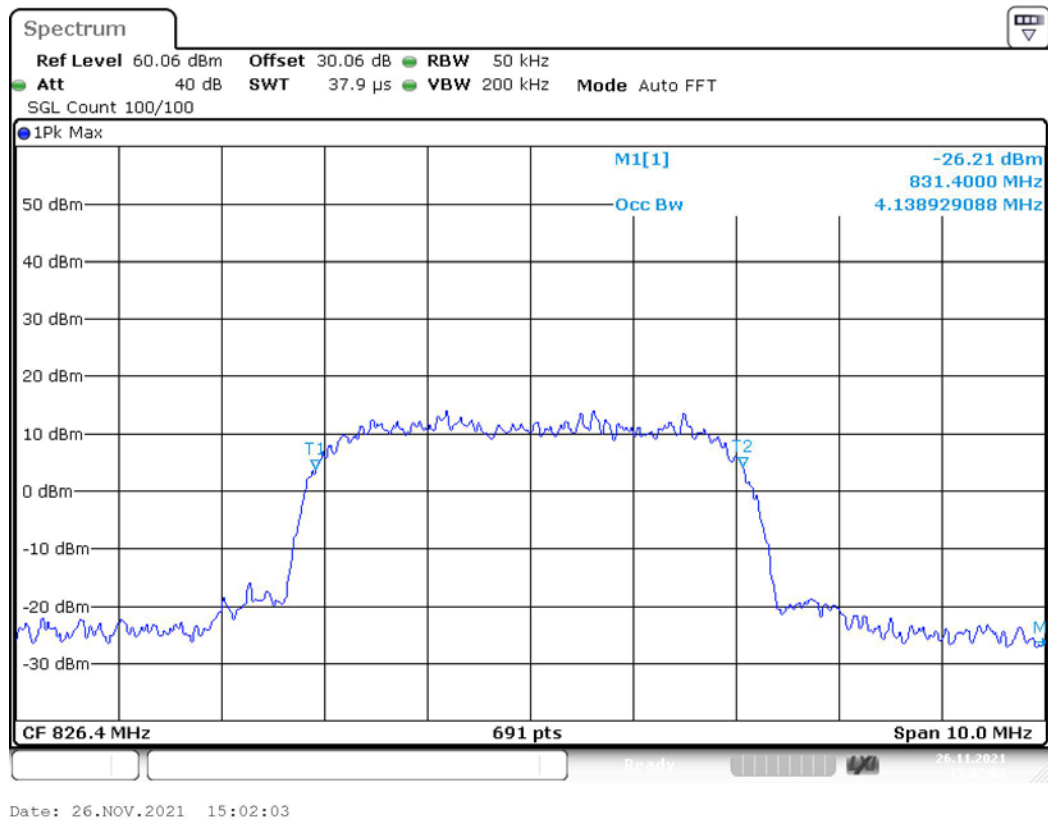


Channel 4183

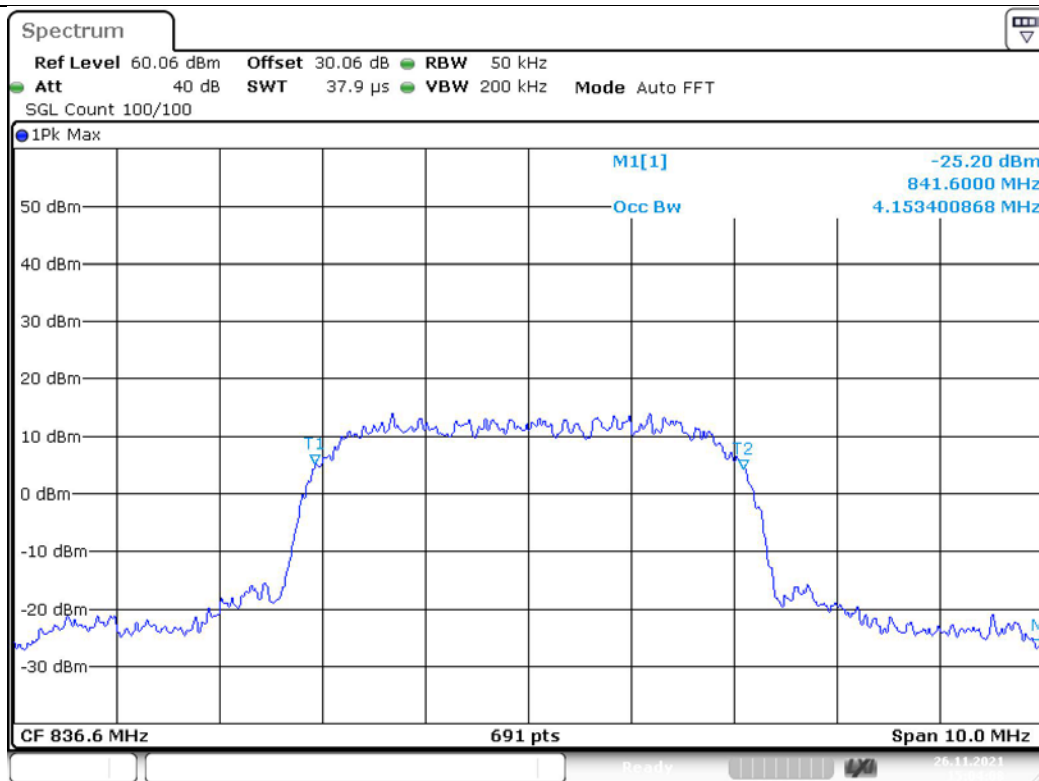


Channel 4233

HSPA+ Mode:

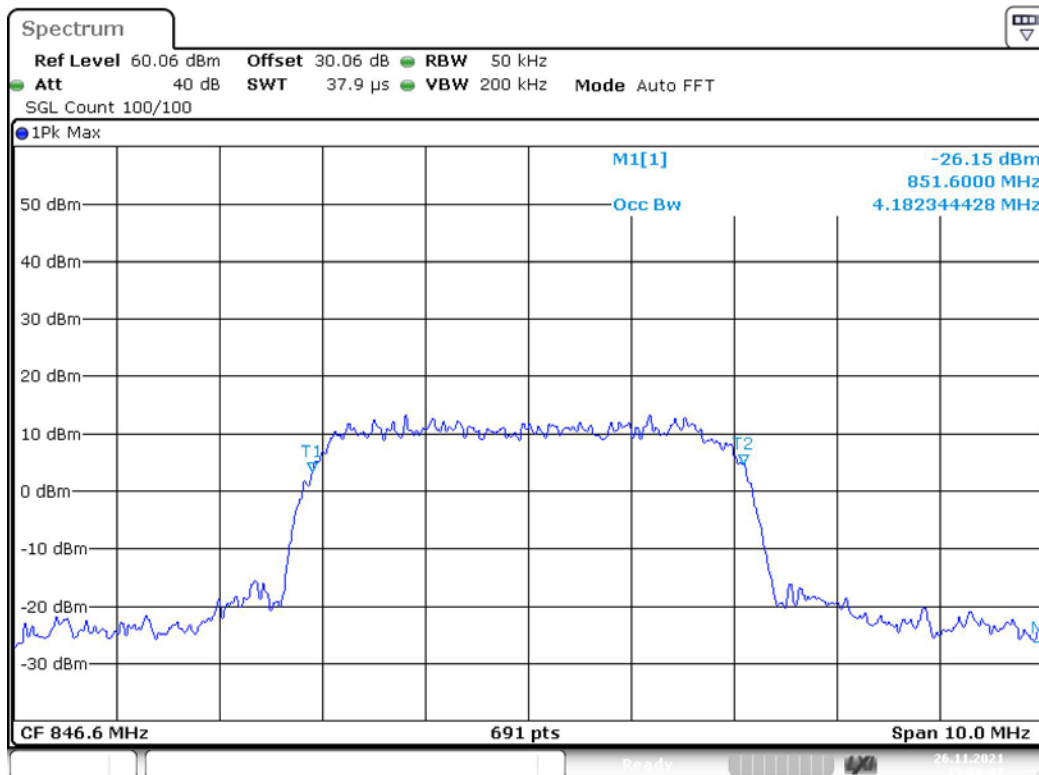


Channel 4132



Date: 26.NOV.2021 15:04:08

Channel 4183



Date: 26.NOV.2021 15:06:07

Channel 4233

3. Emission Bandwidth

WCDMA band V

REL99 Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.63
836.6	4183	4.63
846.6	4233	4.65

HSDPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.60
836.6	4183	4.66
846.6	4233	4.63

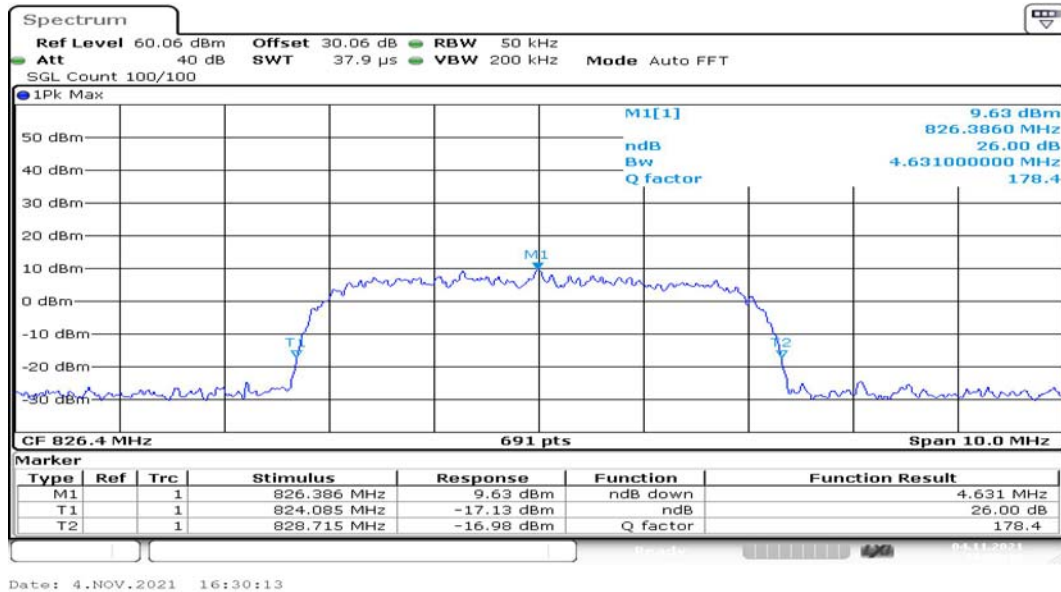
HSUPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.66
836.6	4183	4.65
846.6	4233	4.63

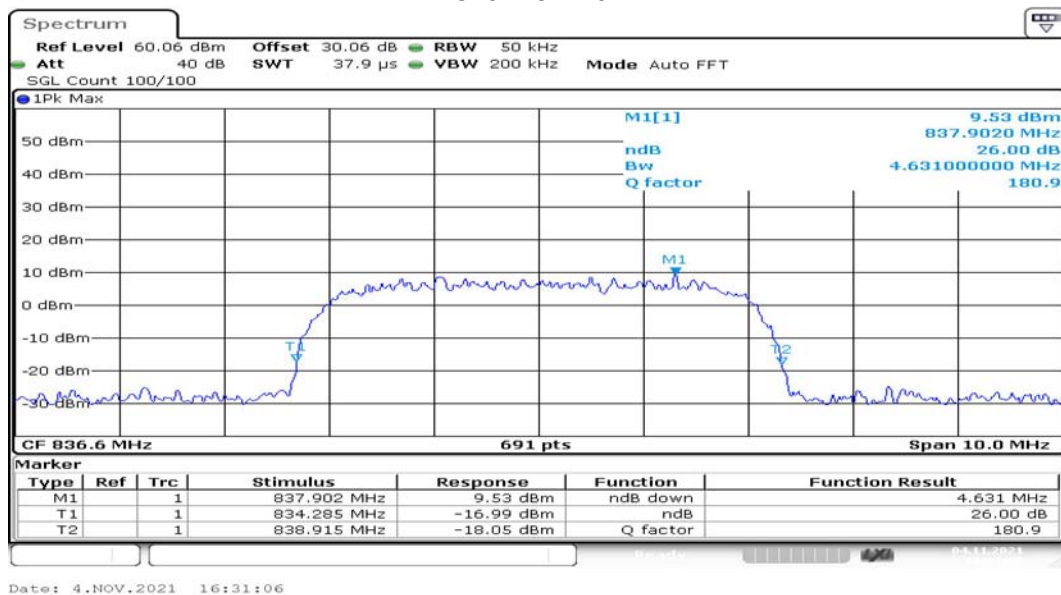
HSPA+ Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.67
836.6	4183	4.66
846.6	4233	4.63

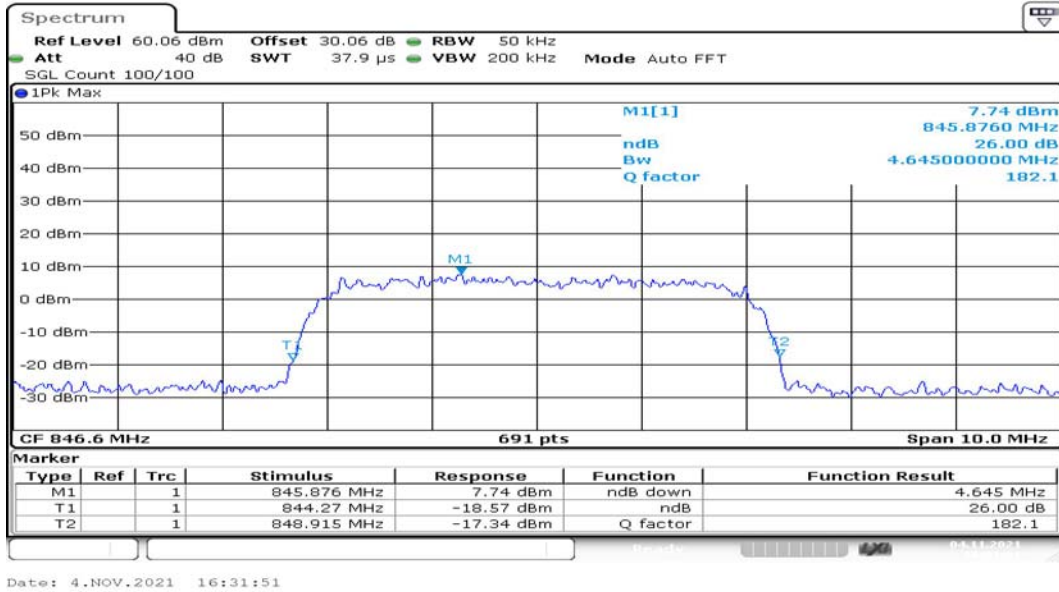
WCDMA band V
REL99 Mode:



Channel 4132

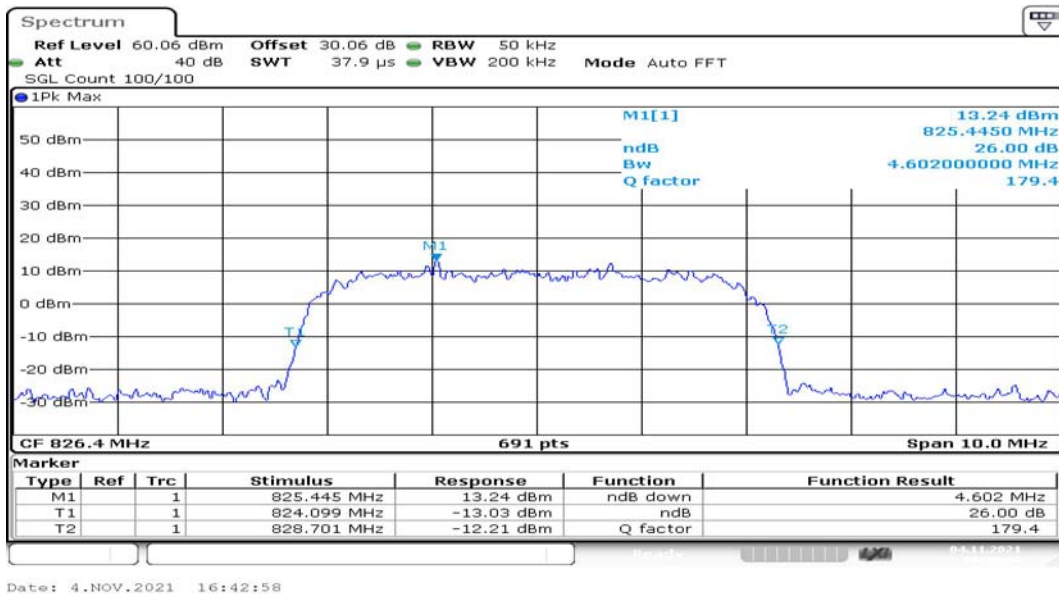


Channel 4183

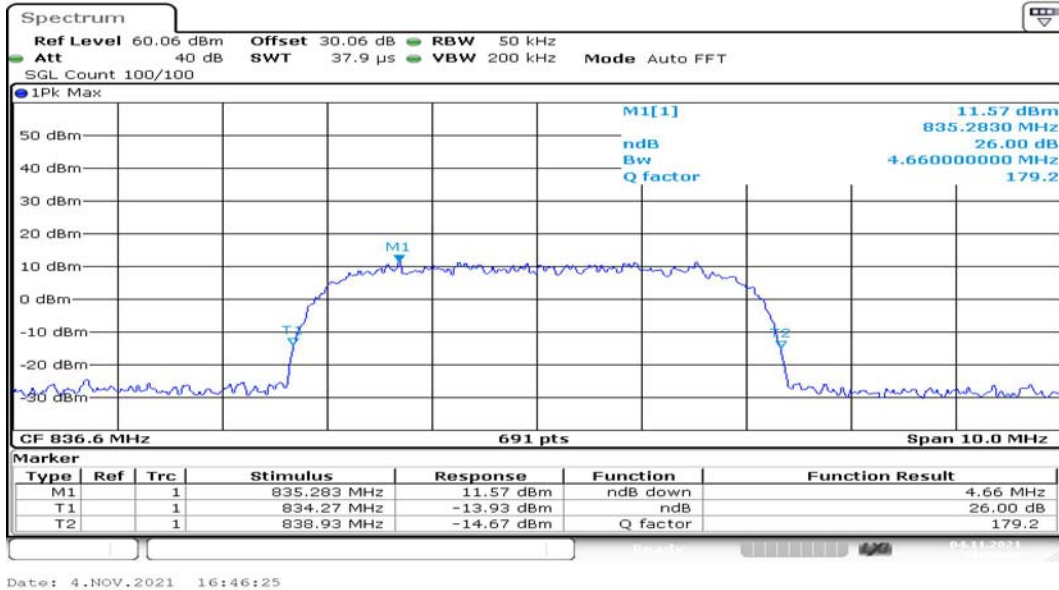


Channel 4233

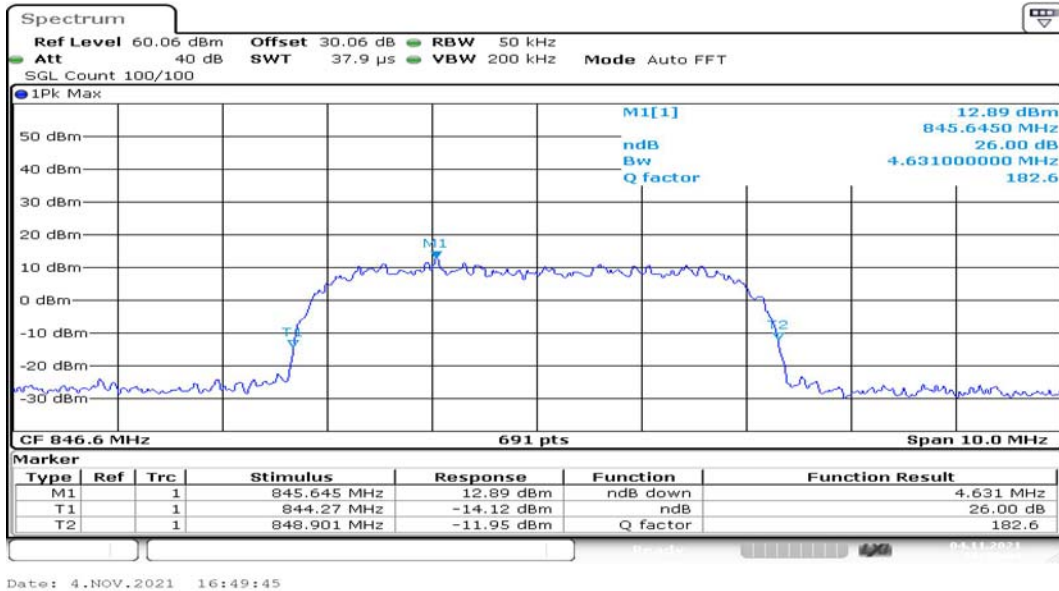
HSDPA Mode:



Channel 4132

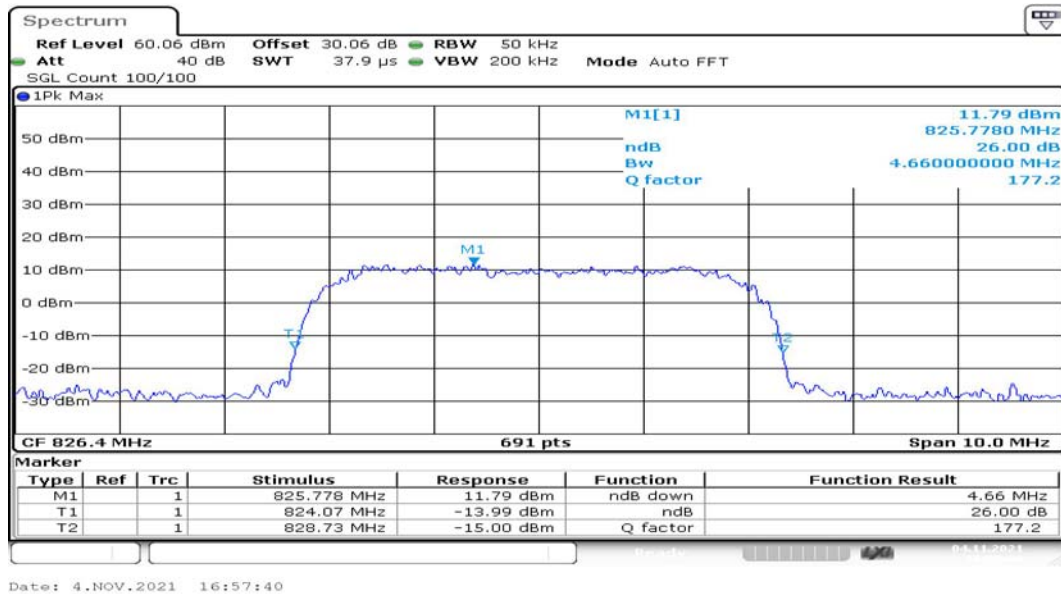


Channel 4183

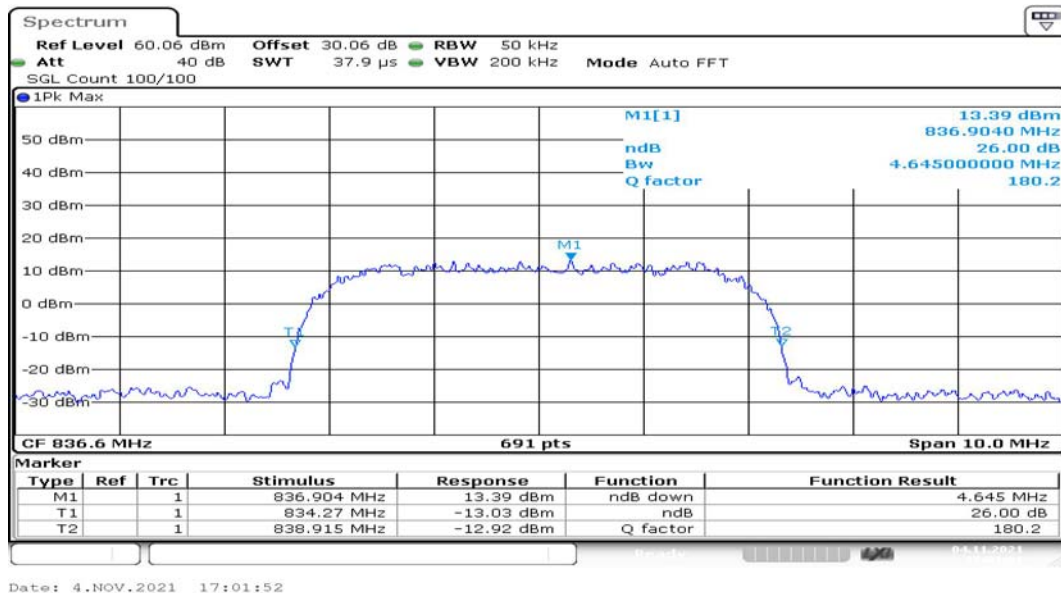


Channel 4233

HSUPA Mode:



Channel 4132



Channel 4183