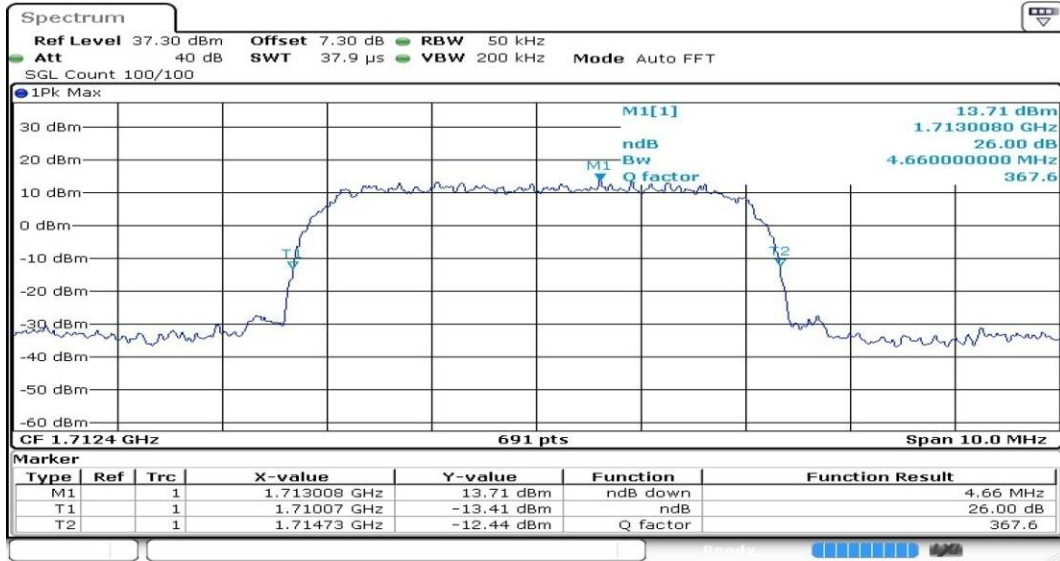
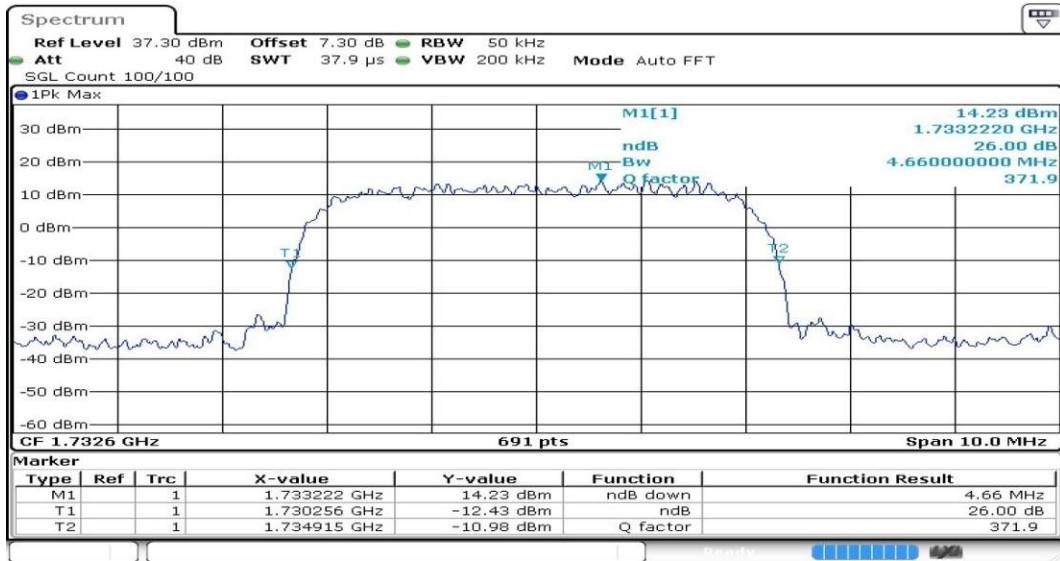


HSUPA Mode:



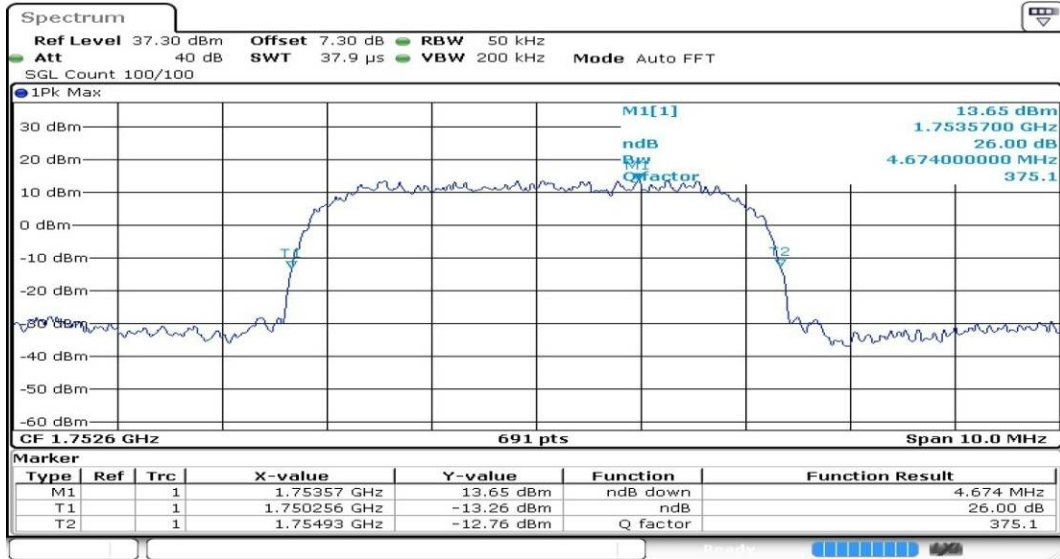
Date: 12.DEC.2020 15:48:47

Channel 1312



Date: 12.DEC.2020 15:53:17

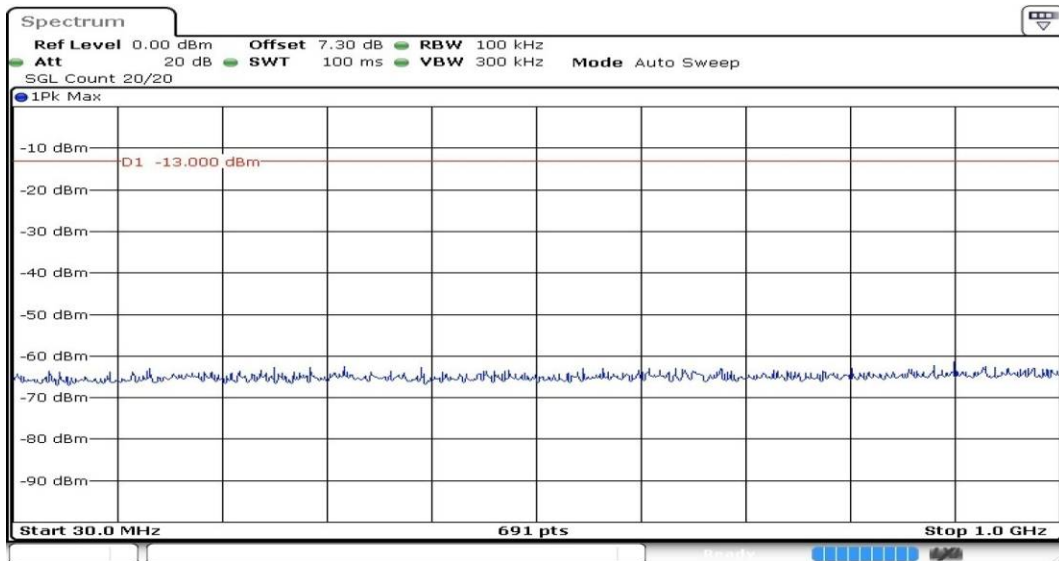
Channel 1413



Date: 12. DEC. 2020 15:58:00

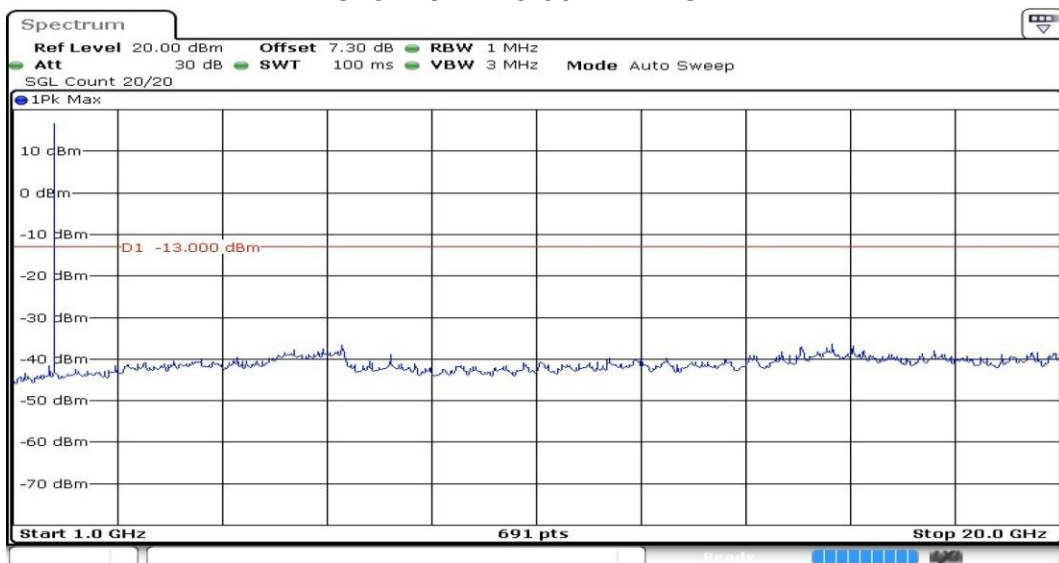
Channel 1513

**Spurious Emissions at antenna terminal**  
WCDMA band IV  
REL99 Mode:



Date: 12.DEC.2020 14:56:09

**Channel 1413 30MHz~1GHz**

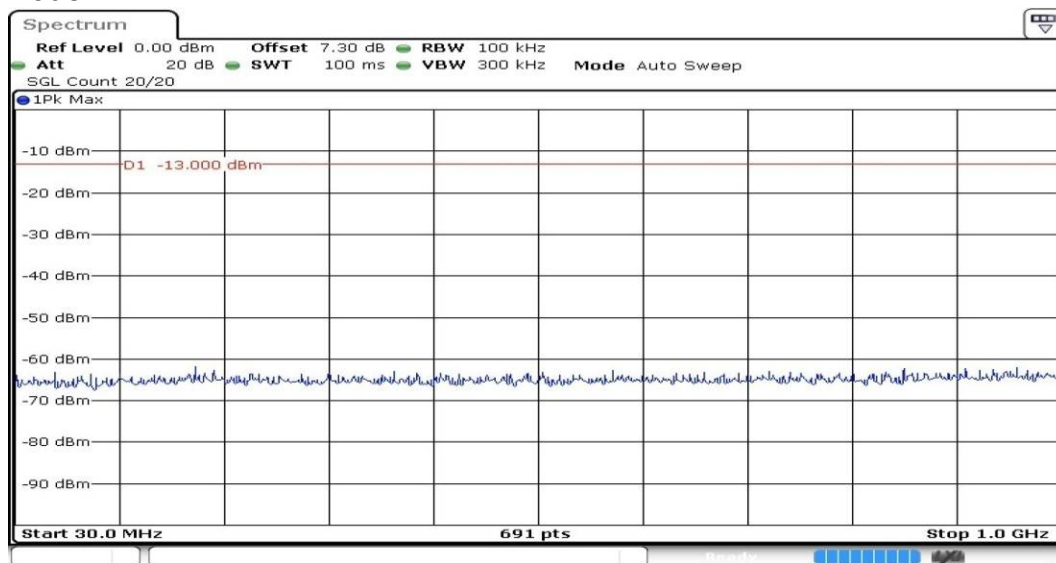


Date: 12.DEC.2020 14:56:18

**Channel 1413 1GHz~20GHz**

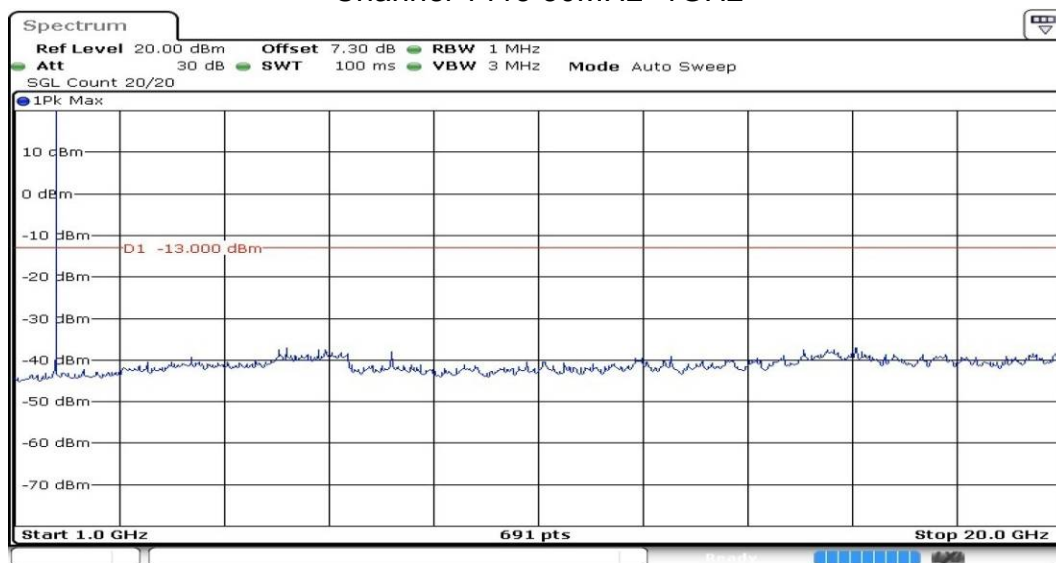
Note: The signal beyond the limit is the signal transmitted by EUT.

HSDPA Mode:



Date: 12.DEC.2020 15:28:52

Channel 1413 30MHz~1GHz

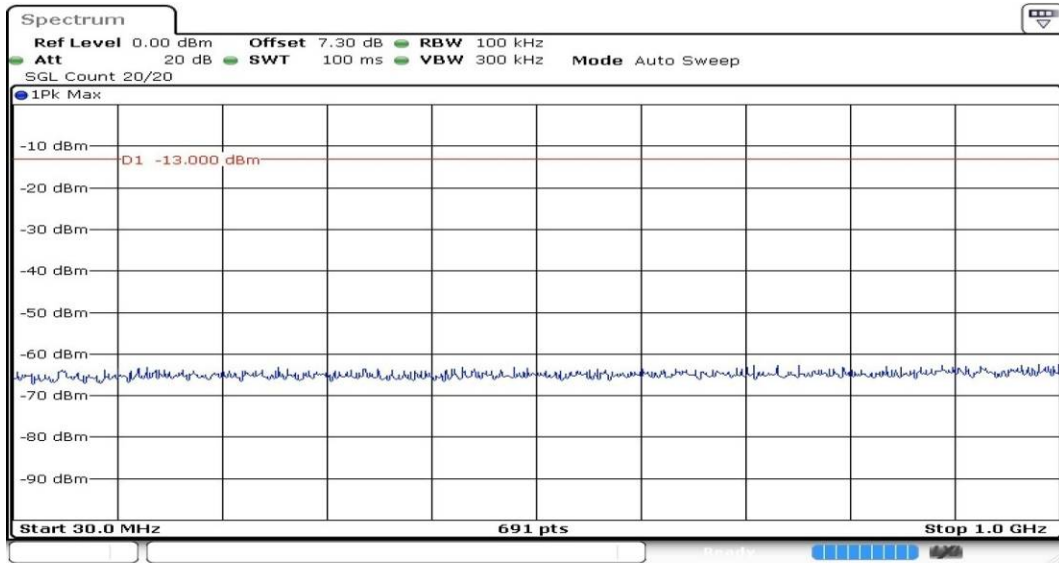


Date: 12.DEC.2020 15:29:01

Channel 1413 1GHz~20GHz

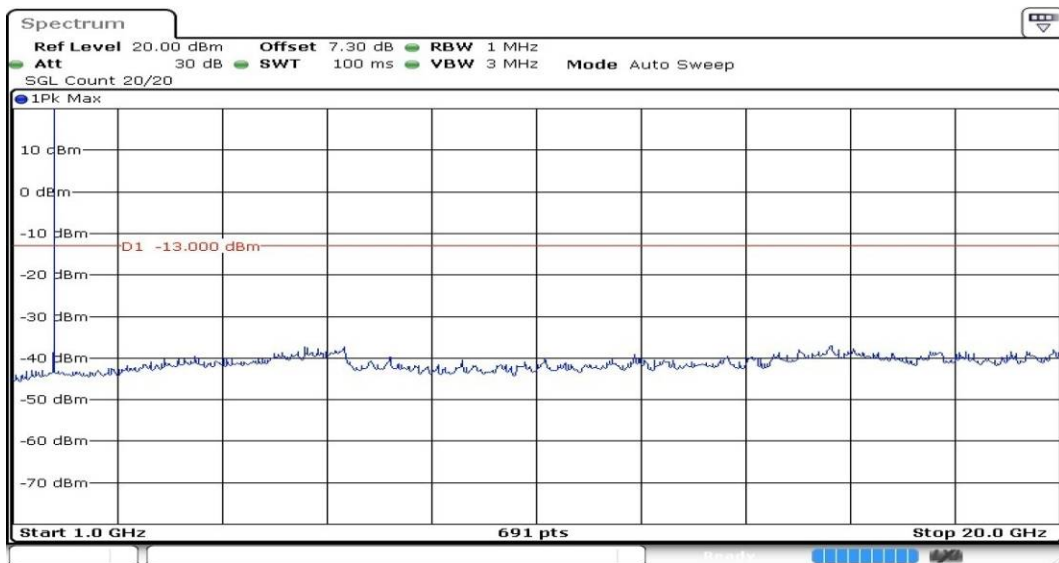
Note: The signal beyond the limit is the signal transmitted by EUT.

HSUPA Mode:



Date: 12. DEC. 2020 15:58:16

Channel 1413 30MHz~1GHz

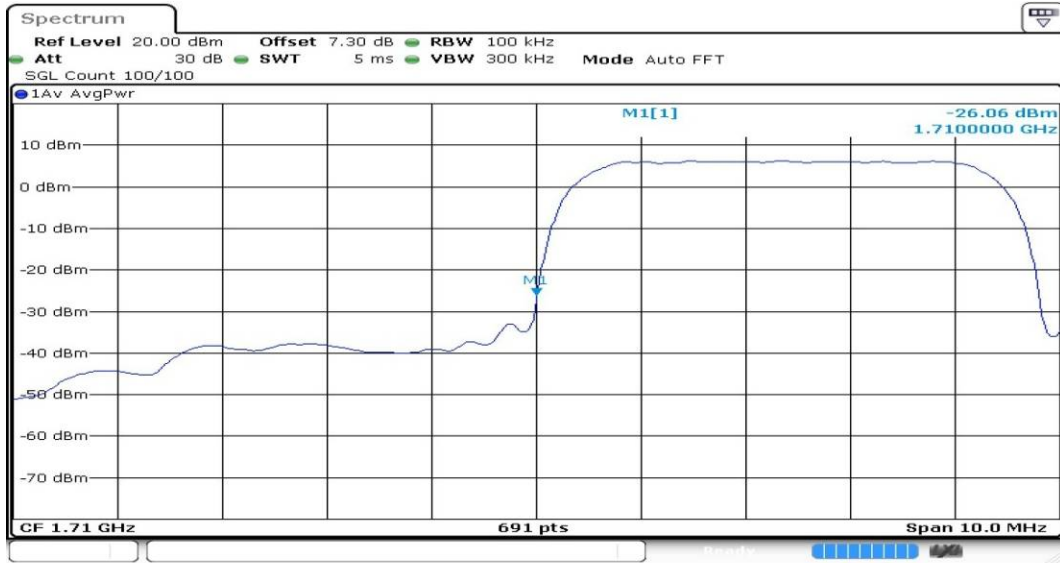


Date: 12. DEC. 2020 15:58:26

Channel 1413 1GHz~20GHz

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

**Band Edges Compliance**  
WCDMA band IV  
REL99 Mode:



Date: 12.DEC.2020 15:49:21

Channel 1312



Date: 12.DEC.2020 15:58:34

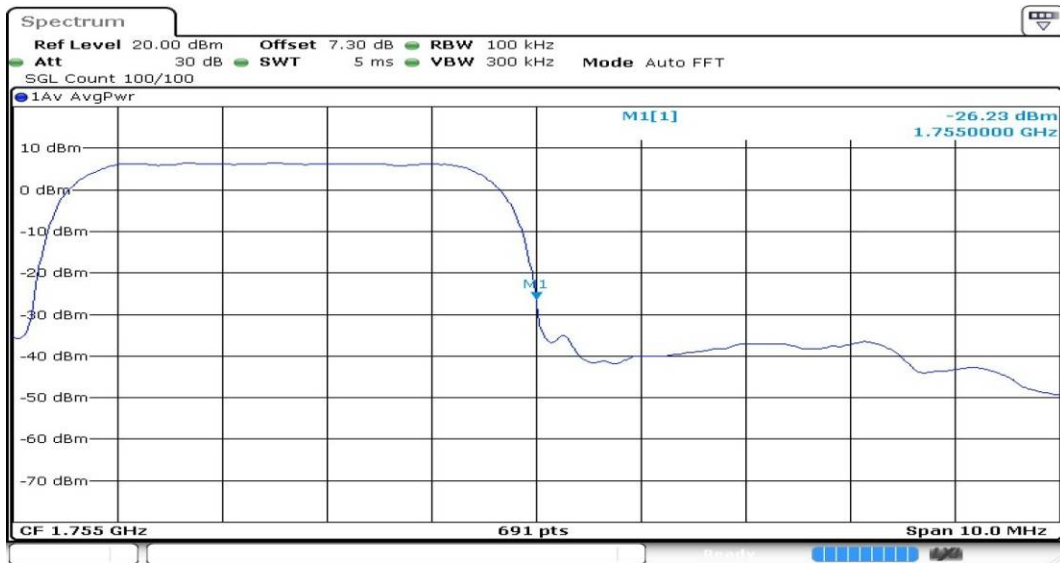
Channel 1513

HSDPA Mode:



Date: 12. DEC. 2020 15:49:21

Channel 1312

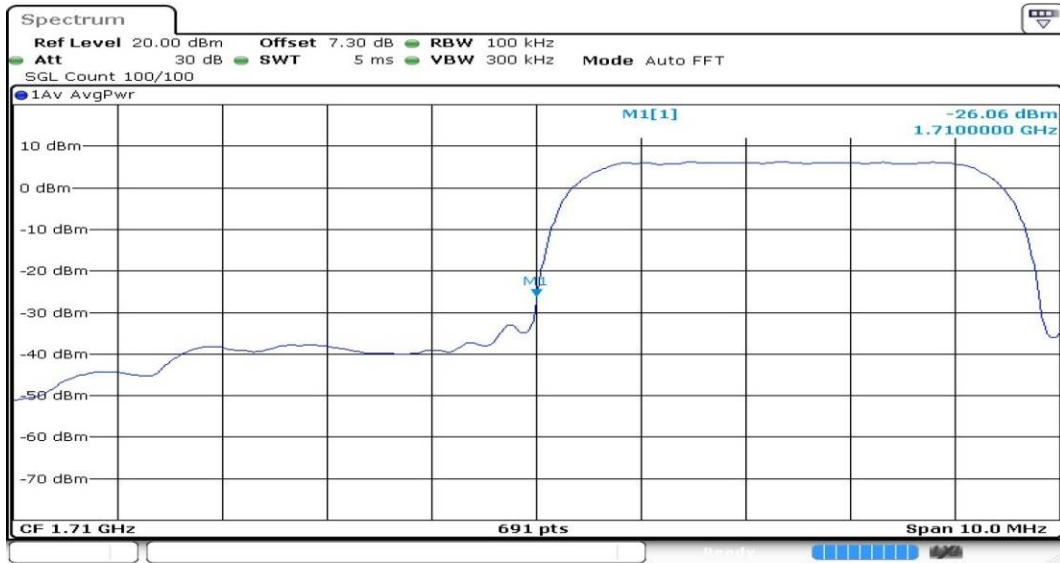


Date: 12. DEC. 2020 15:58:34

Channel 1513

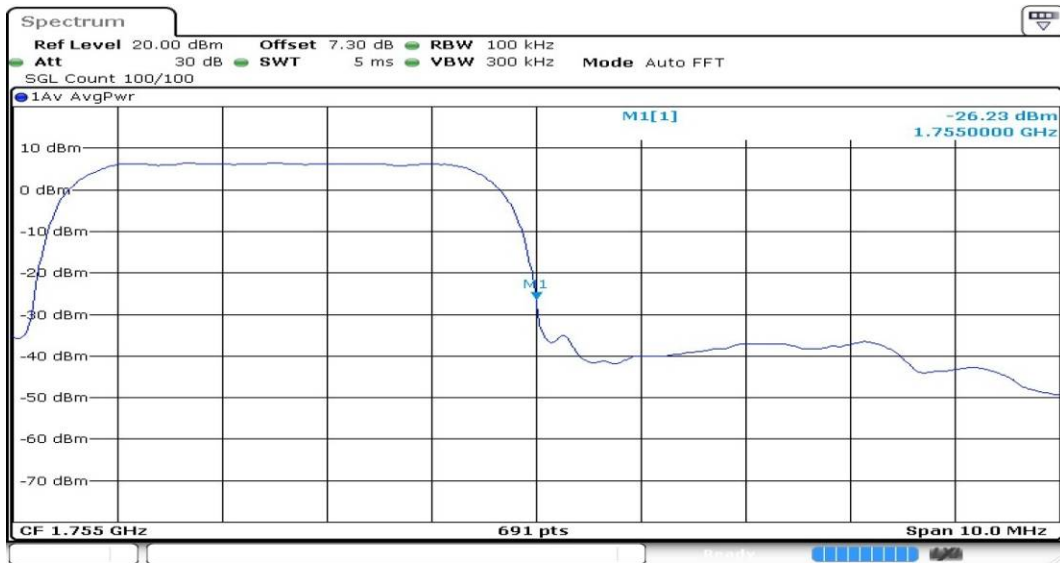


HSUPA Mode:



Date: 12.DEC.2020 15:49:21

Channel 1312



Date: 12.DEC.2020 15:58:34

Channel 1513



### Frequency Stability

WCDMA band IV

REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1413	Channel 1513
-10	0.004	-0.001	-0.001
0	-0.001	0.000	-0.001
+10	0.002	0.000	-0.001
+20	0.000	0.000	0.000
+30	0.001	0.001	0.004
+40	0.000	0.001	0.002
+50	-0.001	-0.001	-0.002
+55	-0.002	-0.002	-0.004
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1413	Channel 1513
LV	0.000	0.000	-0.001
HV	0.001	0.000	0.000

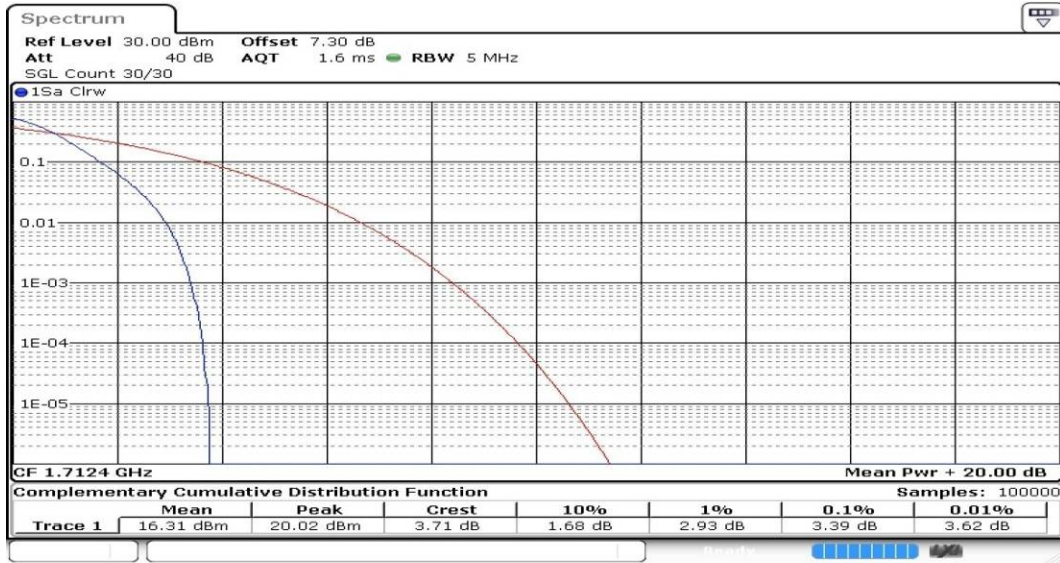
HSDPA Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1413	Channel 1513
-10	-0.001	0.001	-0.002
0	0.001	-0.001	-0.001
+10	0.001	0.006	0.007
+20	0.000	0.000	0.000
+30	-0.002	-0.007	-0.001
+40	-0.001	-0.010	-0.001
+50	-0.001	-0.010	-0.003
+50	0.001	-0.007	-0.001
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1413	Channel 1513
LV	0.000	0.005	-0.001
HV	0.000	0.000	0.002

HSUPA Mode:

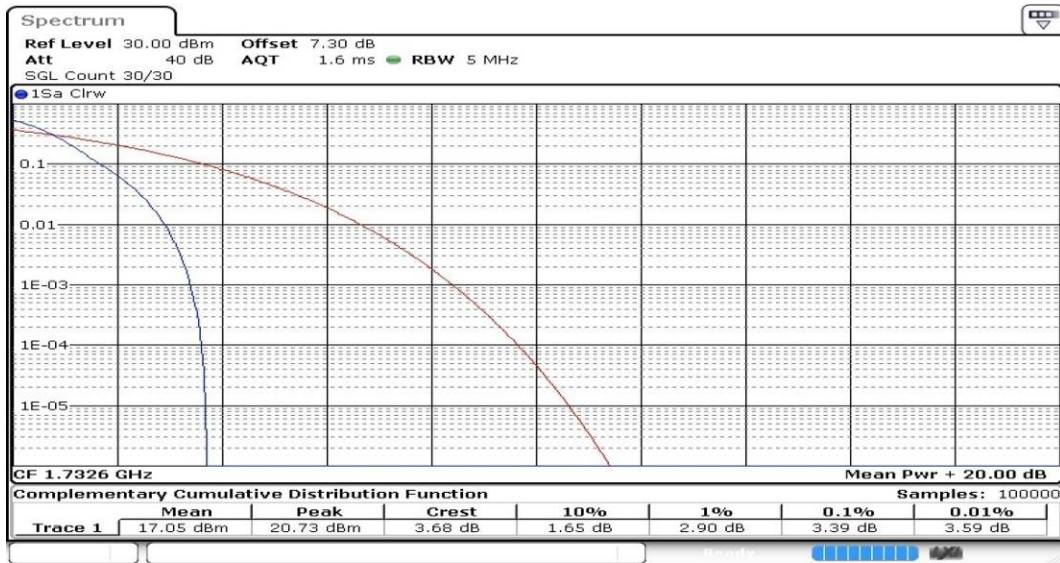
Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1413	Channel 1513
-10	-0.001	-0.004	0.001
0	-0.001	-0.008	0.001
+10	-0.003	-0.005	0.001
+20	0.000	0.000	0.000
+30	-0.002	-0.005	0.002
+40	-0.003	-0.007	0.000
+50	-0.002	-0.006	0.003
+55	-0.003	-0.004	0.002
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1413	Channel 1513
LV	-0.002	0.009	0.001
HV	-0.001	-0.006	0.002

**Peak-Average Ratio**  
WCDMA band IV  
REL99 Mode:



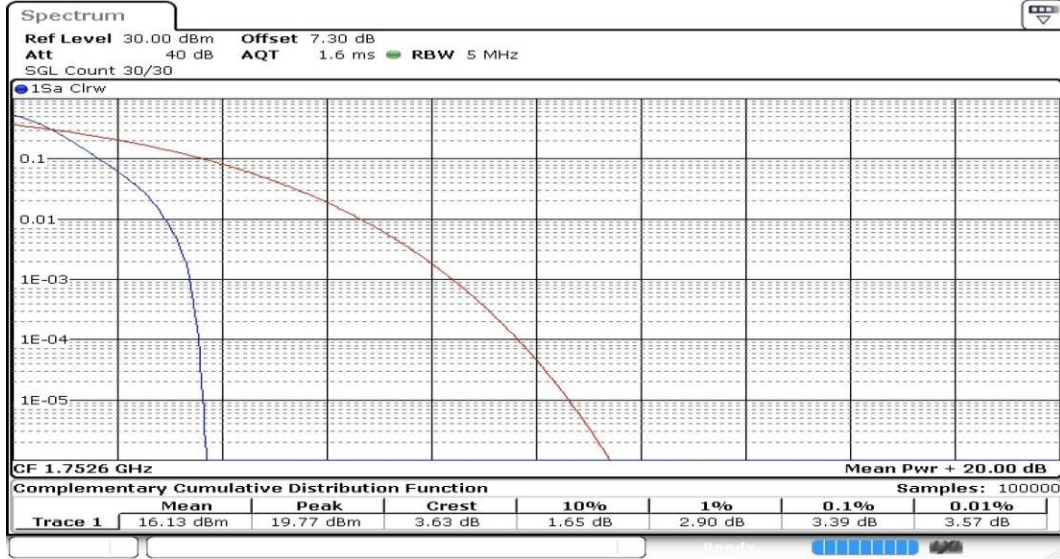
Date: 12.DEC.2020 14:54:22

Channel 1312



Date: 12.DEC.2020 14:55:15

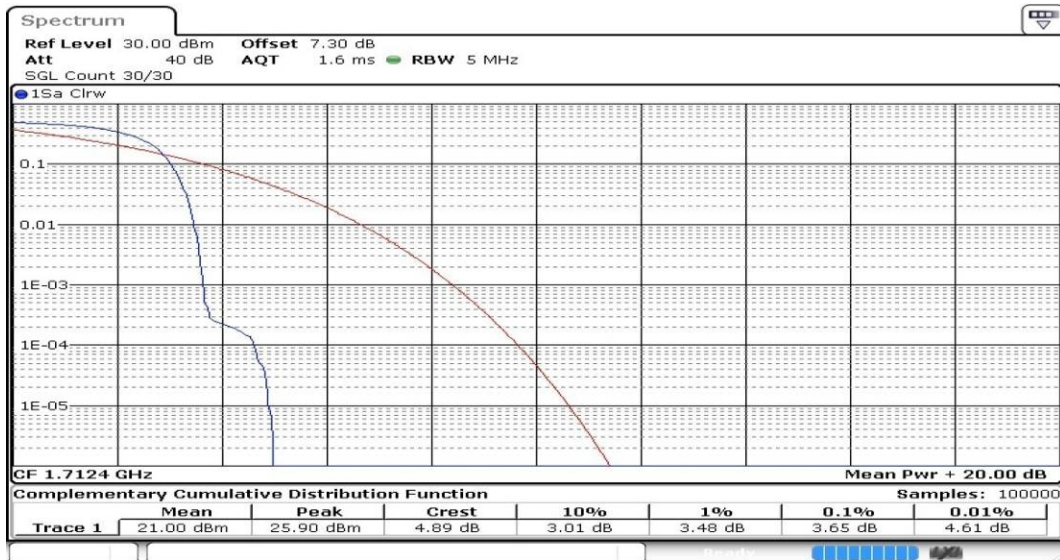
Channel 1413



Date: 12.DEC.2020 14:55:59

Channel 1513

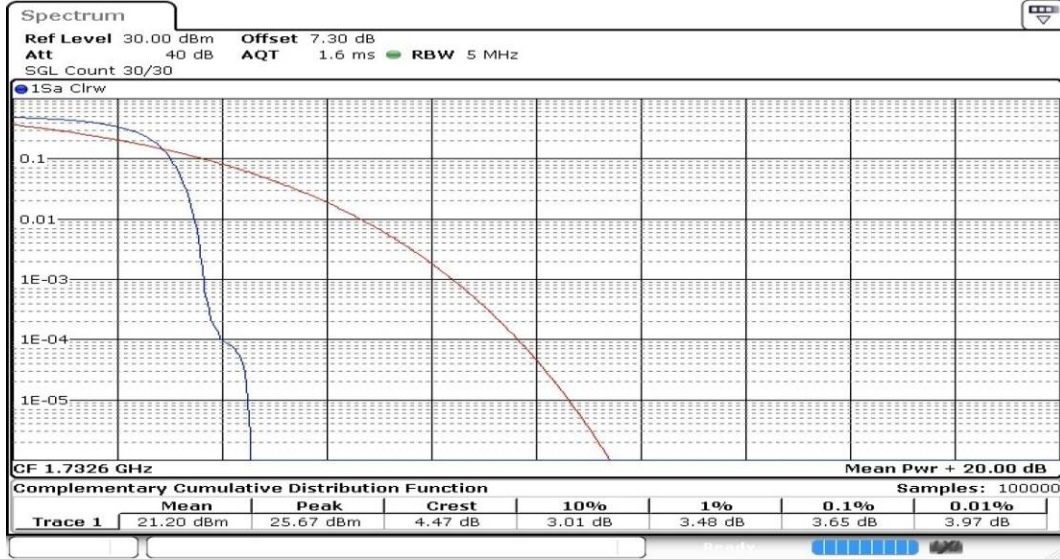
HSDPA Mode:



Date: 12.DEC.2020 15:21:30

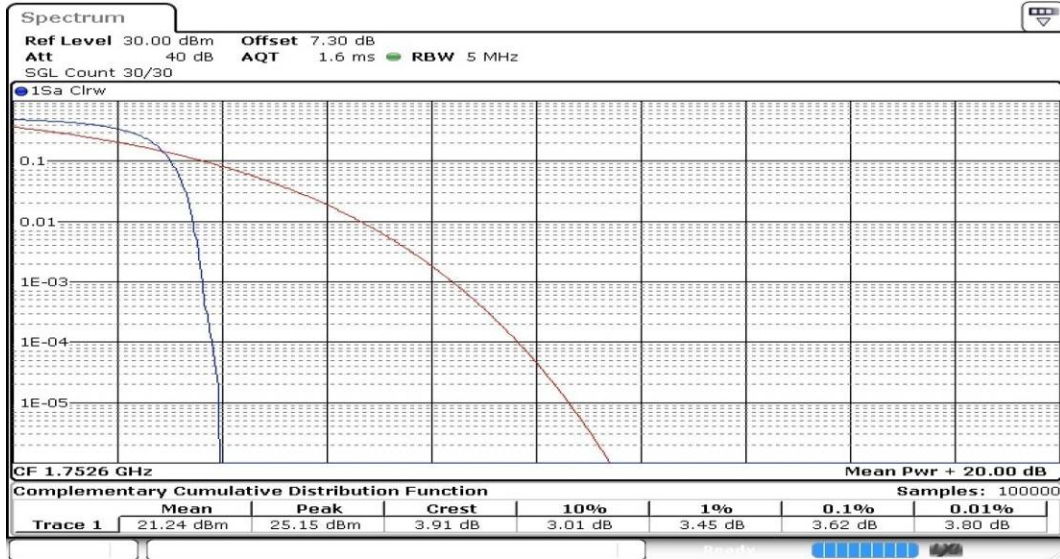
Channel 1312





Date: 12.DEC.2020 15:25:09

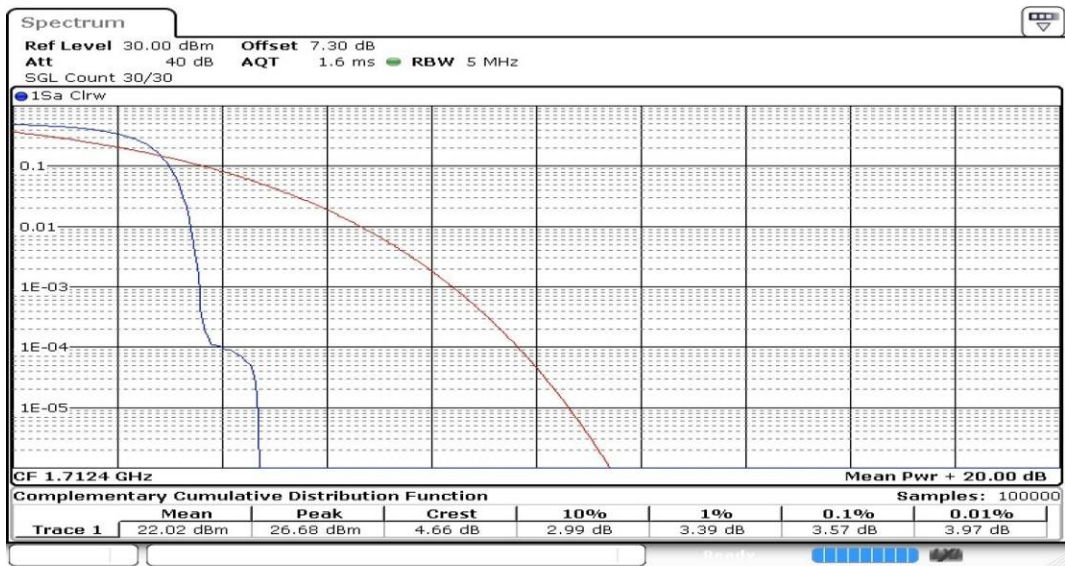
Channel 1413



Date: 12.DEC.2020 15:28:42

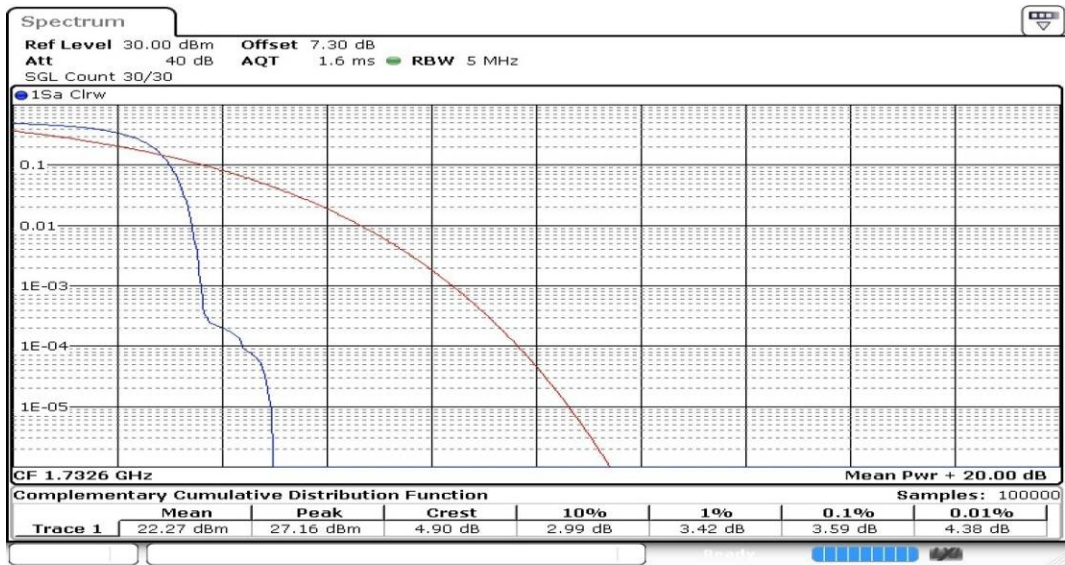
Channel 1513

HSUPA Mode:



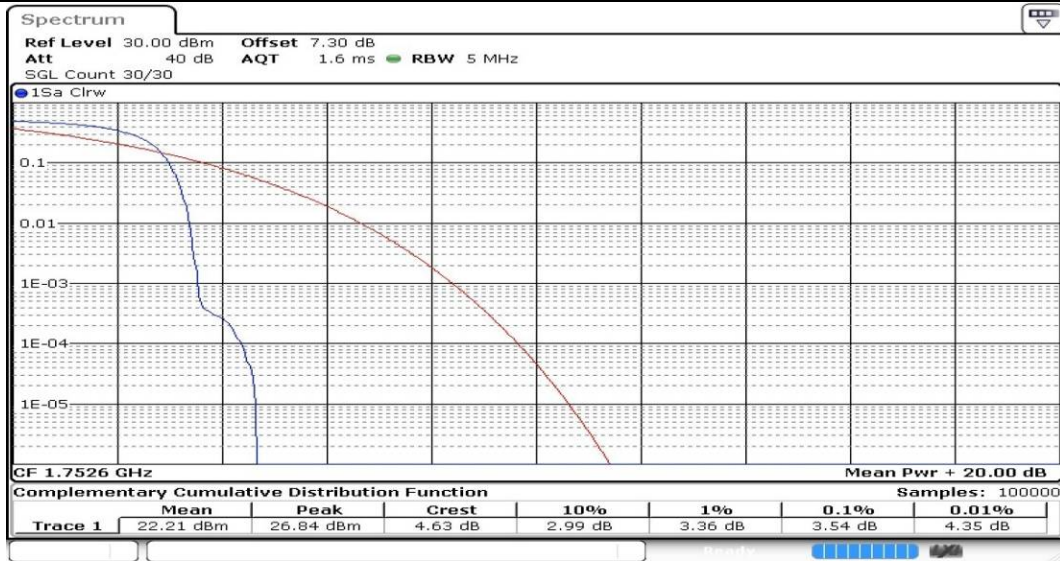
Date: 12.DEC.2020 15:48:54

Channel 1312



Date: 12.DEC.2020 15:53:24

Channel 1413



Date: 12.DEC.2020 15:58:07

Channel 1513



### 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,12.2 kbps	1712.4	1312	23.66	22.46	0.176
		1732.6	1413	23.65	22.45	0.176
		1752.6	1513	23.71	22.51	0.178
HSDPA	Subtest1	1712.4	1312	21.74	20.54	0.113
		1732.6	1413	22.04	20.84	0.121
		1752.6	1513	21.90	20.70	0.117
	Subtest2	1712.4	1312	22.07	20.87	0.122
		1732.6	1413	22.34	21.14	0.130
		1752.6	1513	22.37	21.17	0.131
	Subtest3	1712.4	1312	22.06	20.86	0.122
		1732.6	1413	22.33	21.13	0.130
		1752.6	1513	22.36	21.16	0.131
	Subtest4	1712.4	1312	22.12	20.92	0.124
		1732.6	1413	22.40	21.20	0.132
		1752.6	1513	22.36	21.16	0.131
HSUPA	Subtest1	1712.4	1312	23.05	21.85	0.153
		1732.6	1413	23.35	22.15	0.164
		1752.6	1513	23.31	22.11	0.163
	Subtest2	1712.4	1312	23.10	21.90	0.155
		1732.6	1413	23.33	22.13	0.163
		1752.6	1513	23.30	22.10	0.162
	Subtest3	1712.4	1312	23.05	21.85	0.153
		1732.6	1413	23.36	22.16	0.164
		1752.6	1513	23.25	22.05	0.160
	Subtest4	1712.4	1312	23.13	21.93	0.156
		1732.6	1413	23.42	22.22	0.167
		1752.6	1513	23.39	22.19	0.166
	Subtest5	1712.4	1312	23.03	21.83	0.152
		1732.6	1413	23.27	22.07	0.161
		1752.6	1513	23.24	22.04	0.160

**WCDMA Band V  
RF Power Output**

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
Release 99	RMC,12.2kbps	826.4	4132	23.48
		836.6	4183	23.40
		846.6	4233	23.41
HSDPA	Subtest1	826.4	4132	22.75
		836.6	4183	22.67
		846.6	4233	22.53
	Subtest2	826.4	4132	22.13
		836.6	4183	22.29
		846.6	4233	22.07
	Subtest3	826.4	4132	22.08
		836.6	4183	21.98
		846.6	4233	21.97
	Subtest4	826.4	4132	21.94
		836.6	4183	21.87
		846.6	4233	21.84
HSUPA	Subtest1	826.4	4132	23.21
		836.6	4183	23.17
		846.6	4233	22.98
	Subtest2	826.4	4132	23.25
		836.6	4183	23.21
		846.6	4233	23.02
	Subtest3	826.4	4132	23.21
		836.6	4183	23.17
		846.6	4233	22.97
	Subtest4	826.4	4132	23.35
		836.6	4183	23.27
		846.6	4233	23.12
	Subtest5	826.4	4132	23.16
		836.6	4183	23.14
		846.6	4233	22.97

**Occupied Bandwidth**

WCDMA band V

REL99 Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.17
836.6	4183	4.12
846.6	4233	4.12

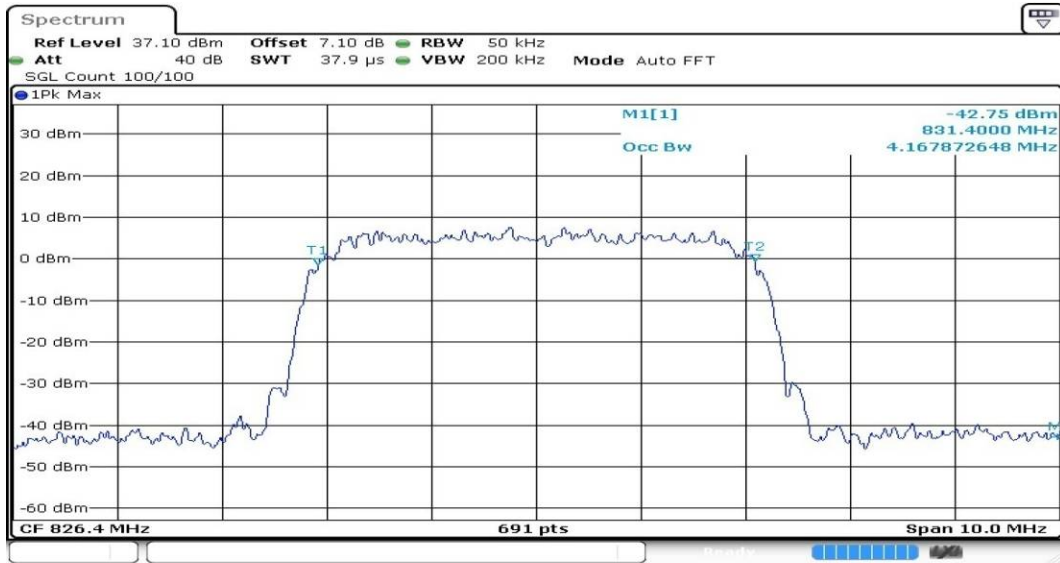
HSDPA Mode:

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

HSUPA Mode:

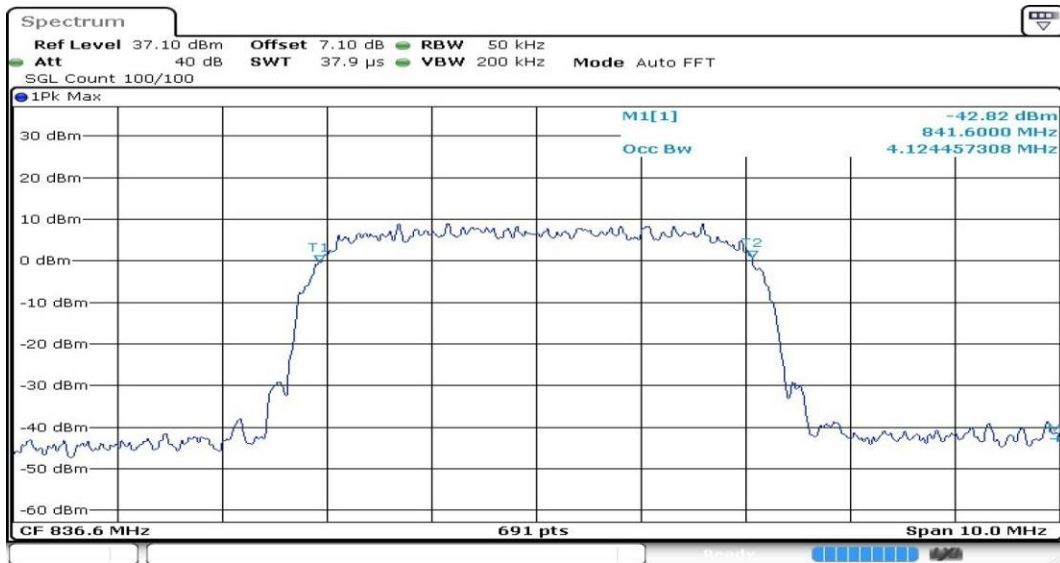
Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.14
836.6	4183	4.14
846.6	4233	4.14

WCDMA band V  
REL99 Mode:



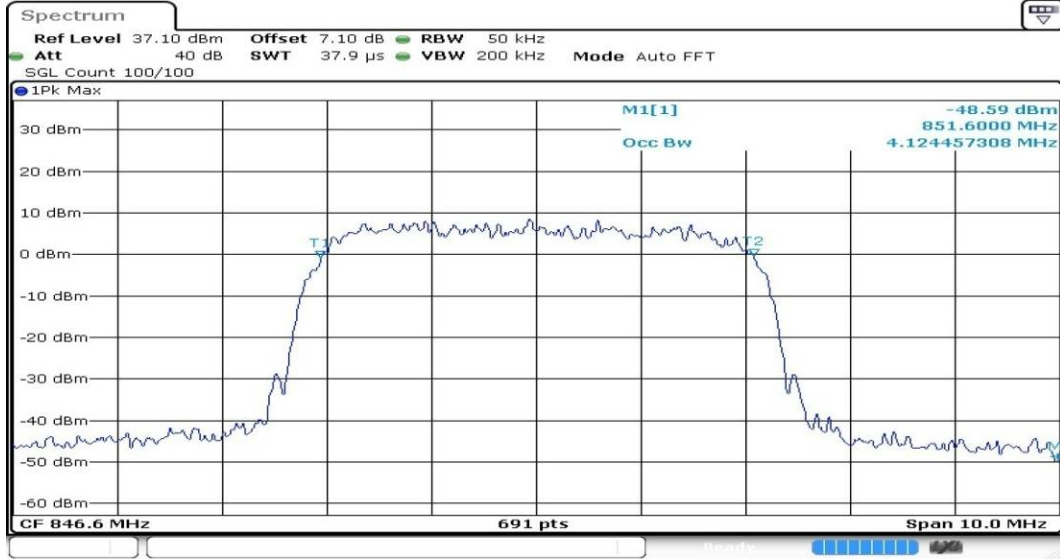
Date: 12. DEC. 2020 12:49:08

Channel 4132



Date: 12. DEC. 2020 12:50:00

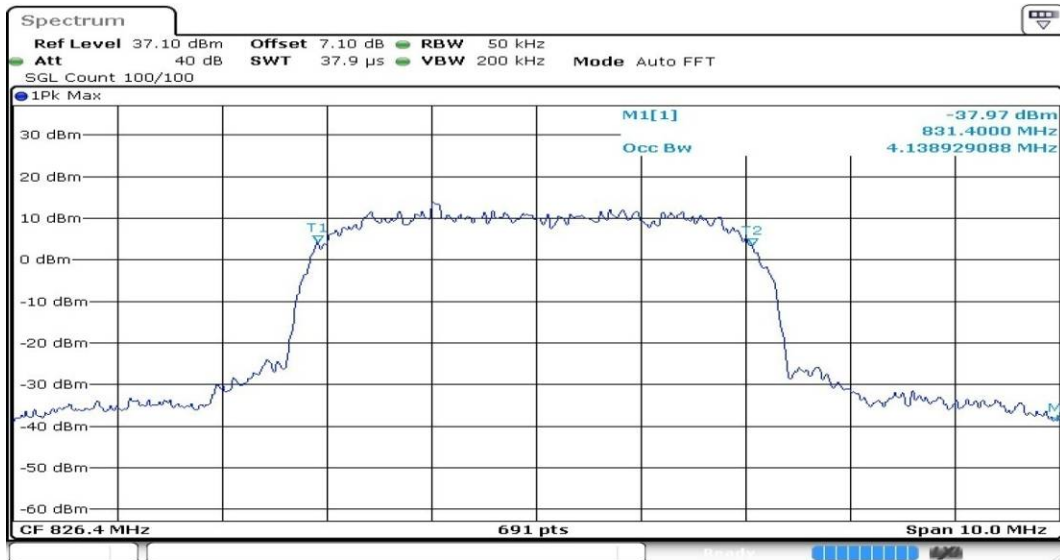
Channel 4183



Date: 12.DEC.2020 12:50:44

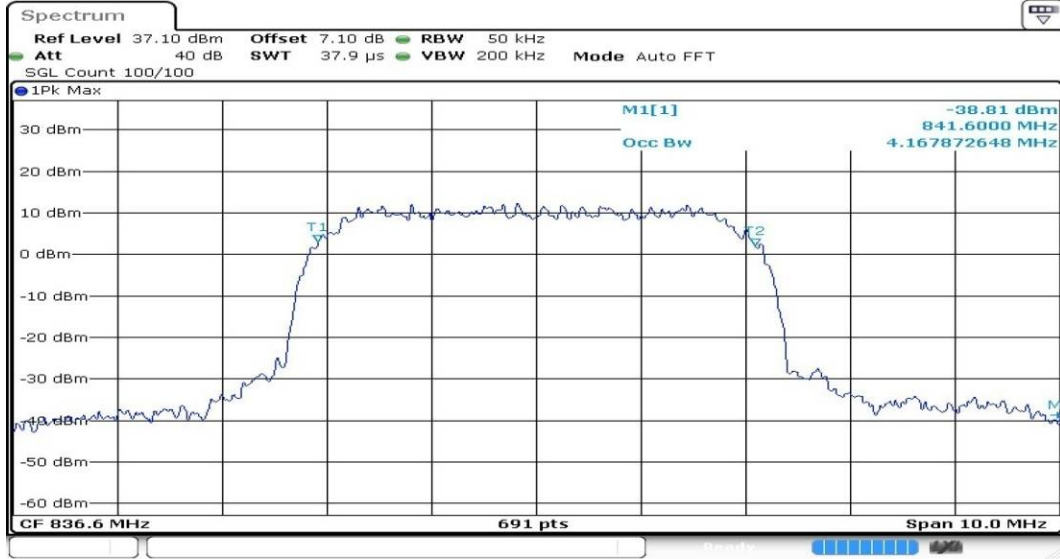
Channel 4233

HSDPA Mode:



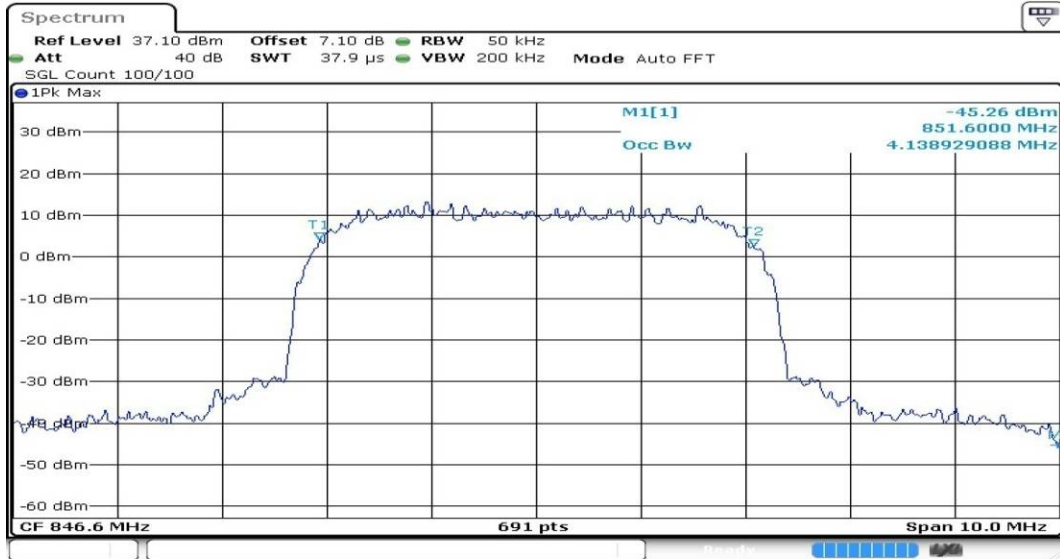
Date: 12.DEC.2020 13:33:25

Channel 4132



Date: 12.DEC.2020 13:37:02

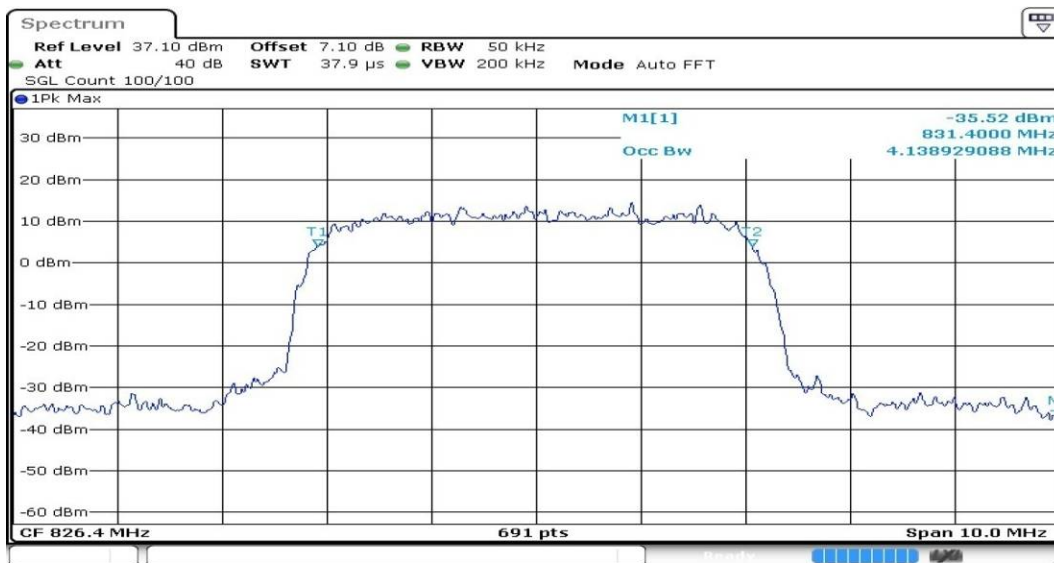
Channel 4183



Date: 12.DEC.2020 13:40:31

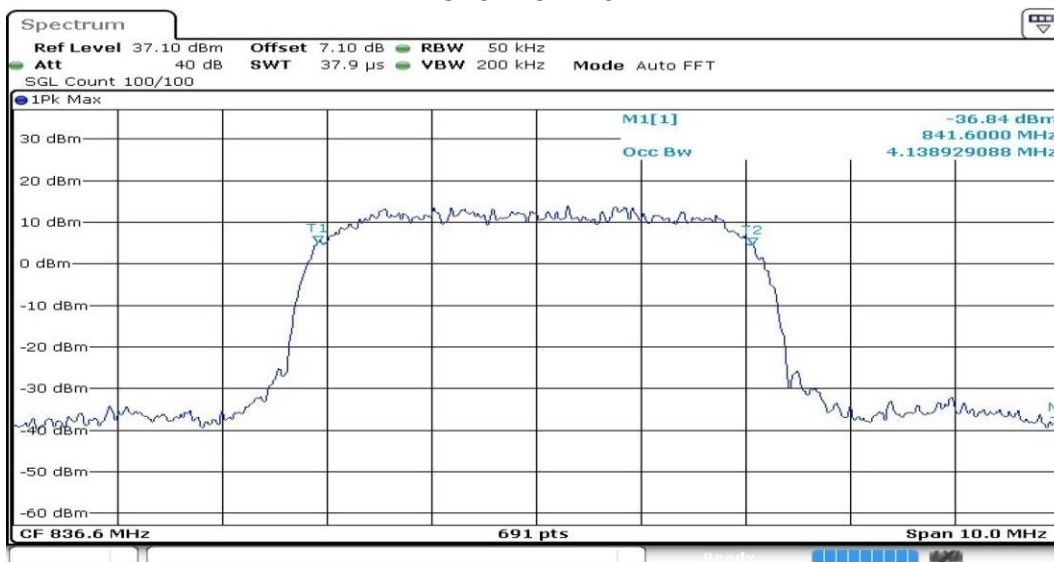
Channel 4233

HSUPA Mode:



Date: 12.DEC.2020 14:19:17

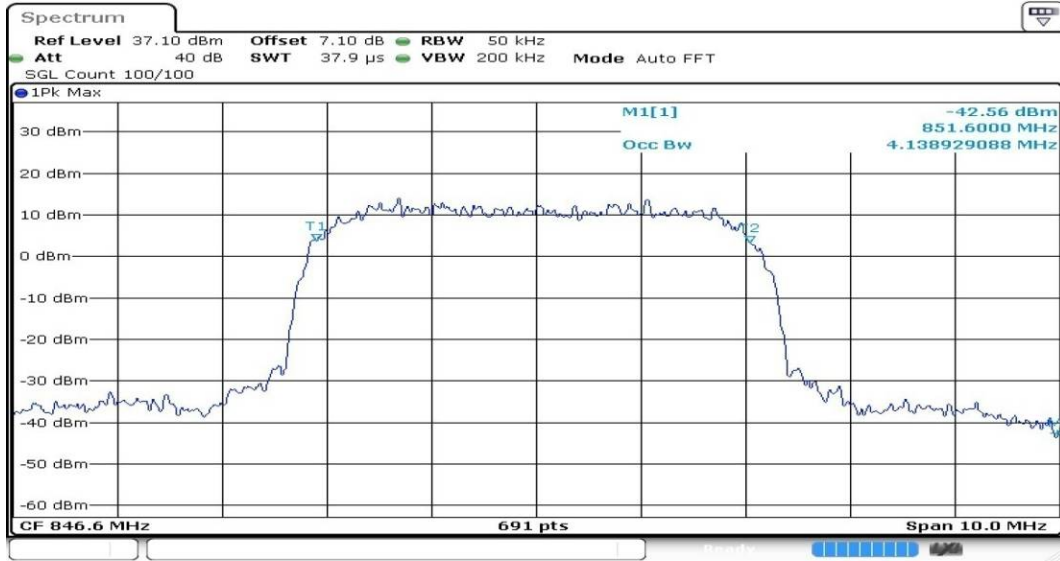
Channel 4132



Date: 12.DEC.2020 14:23:45

Channel 4183





Date: 12. DEC. 2020 14:28:29

Channel 4233

### 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	4.63

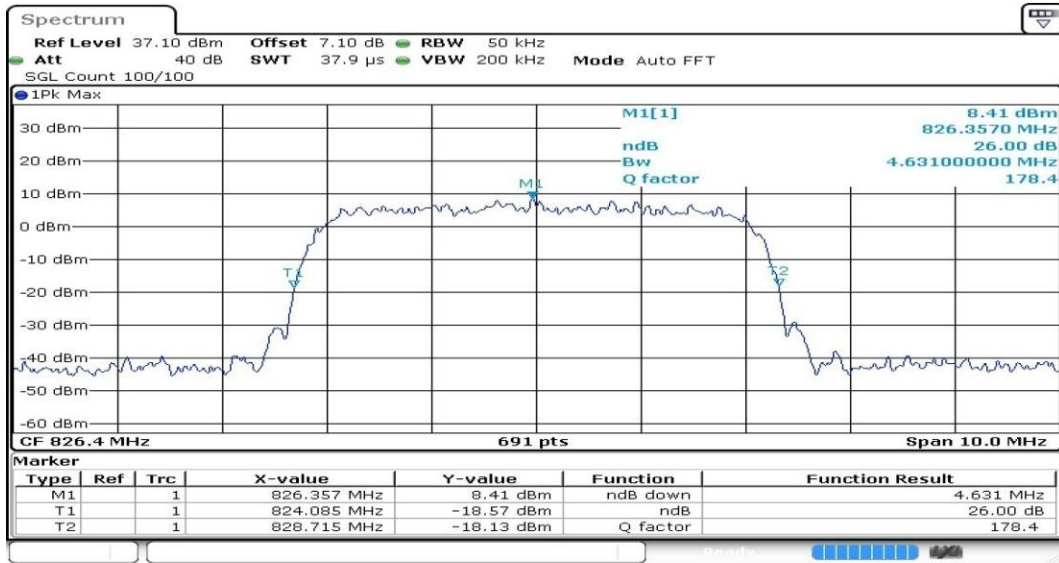
HSDPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.67
836.6	4183	4.63
846.6	4233	4.65

HSUPA Mode:

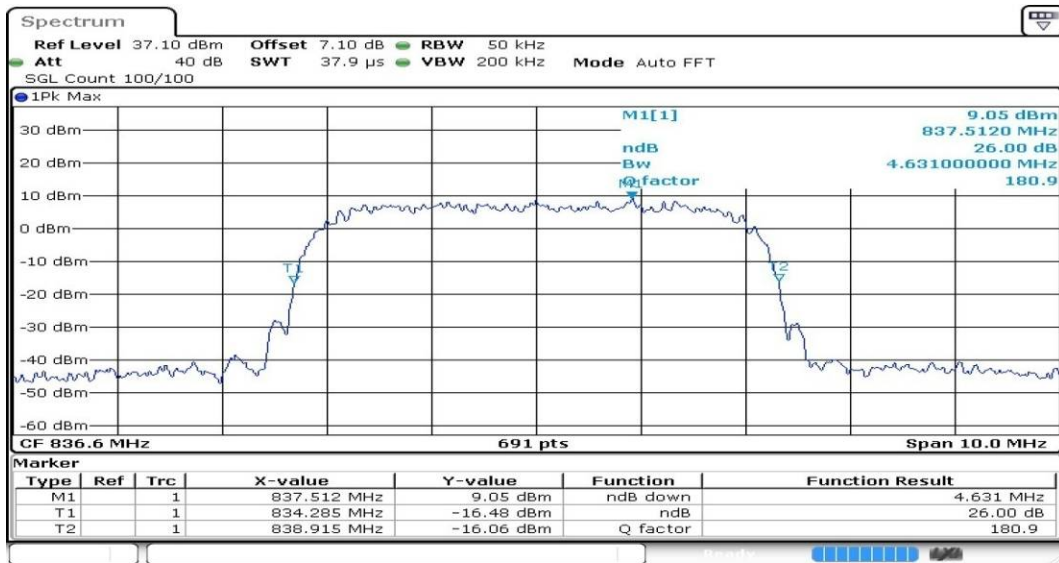
Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.63
836.6	4183	4.65
846.6	4233	4.65

WCDMA band V  
REL99 Mode:



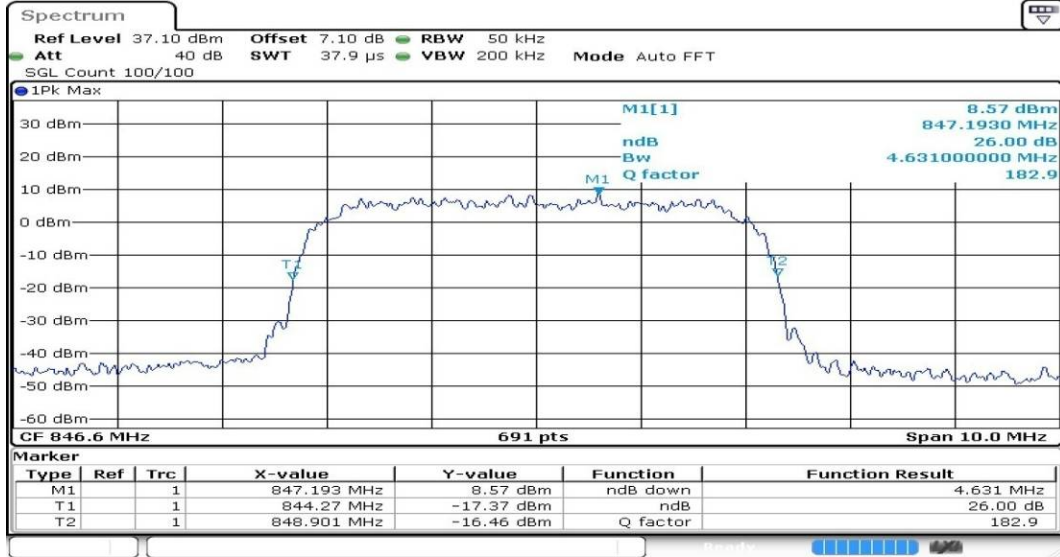
Date: 12.DEC.2020 12:49:13

Channel 4132



Date: 12.DEC.2020 12:50:04

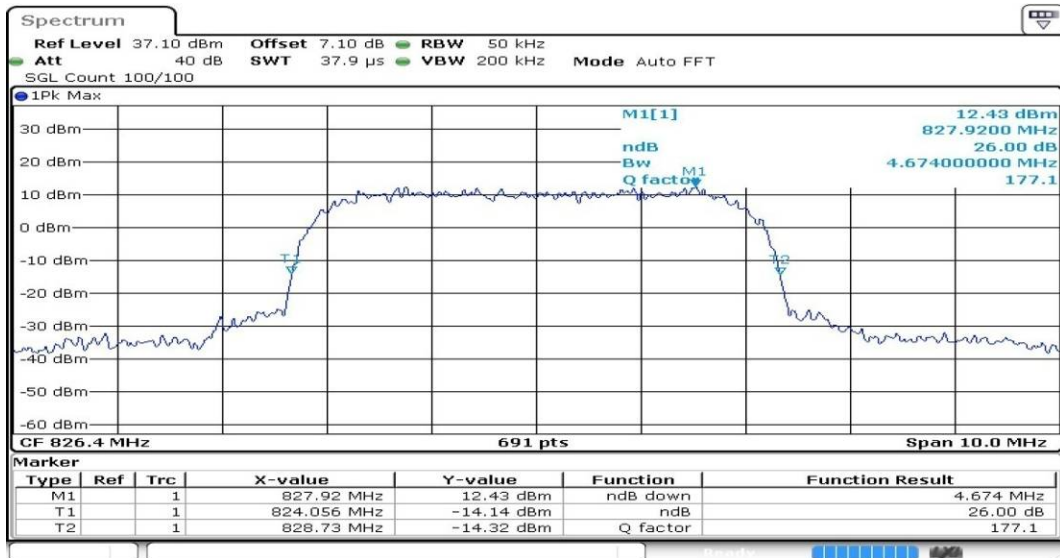
Channel 4183



Date: 12.DEC.2020 12:50:48

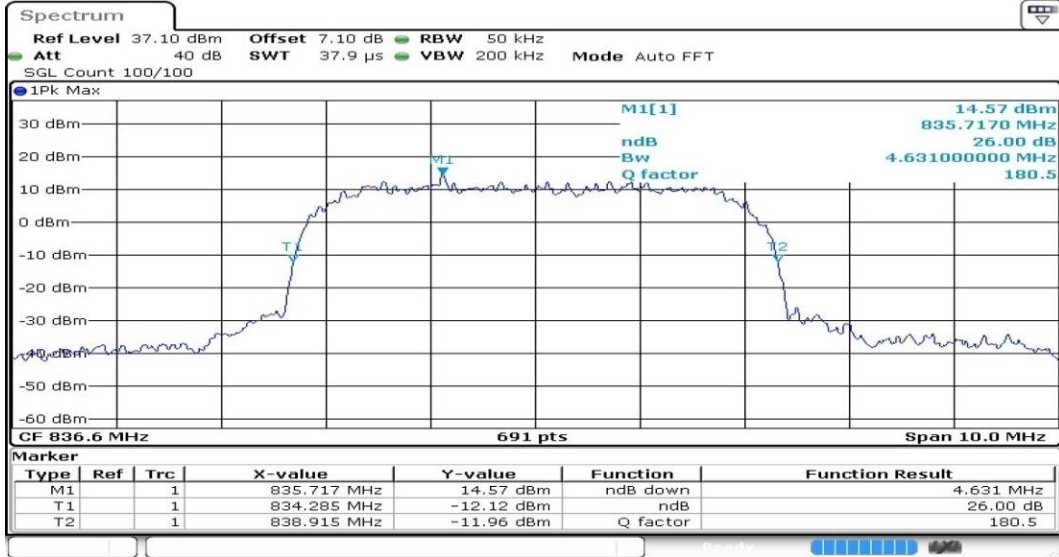
Channel 4233

HSDPA Mode:



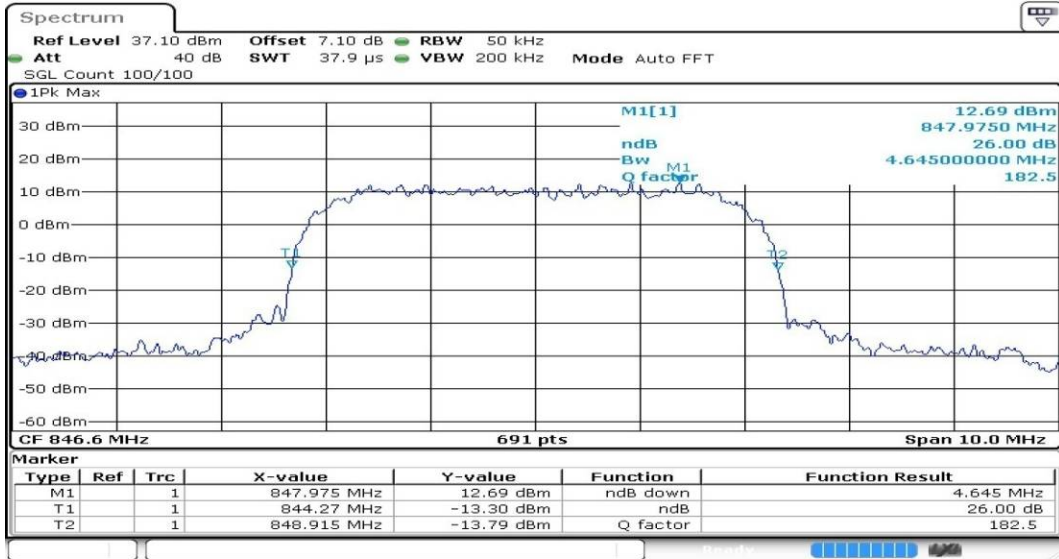
Date: 12.DEC.2020 13:33:29

Channel 4132



Date: 12.DEC.2020 13:37:06

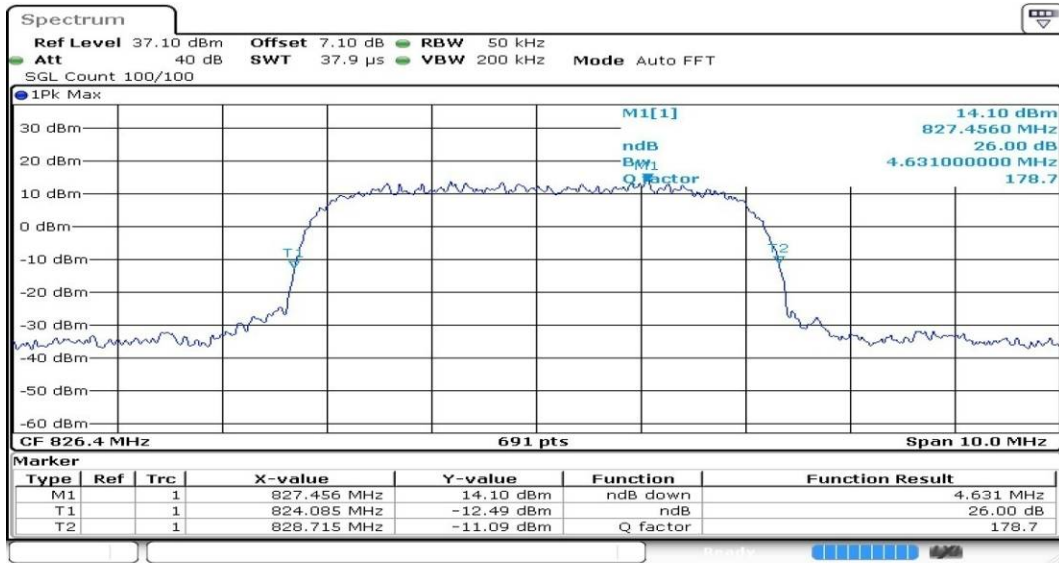
### Channel 4183



Date: 12.DEC.2020 13:40:35

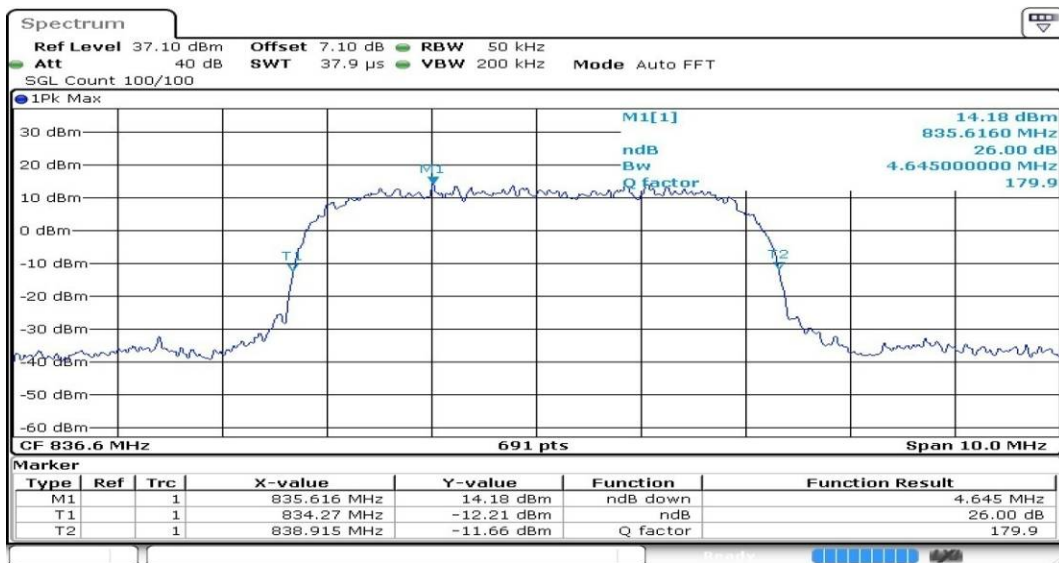
### Channel 4233

HSUPA Mode:



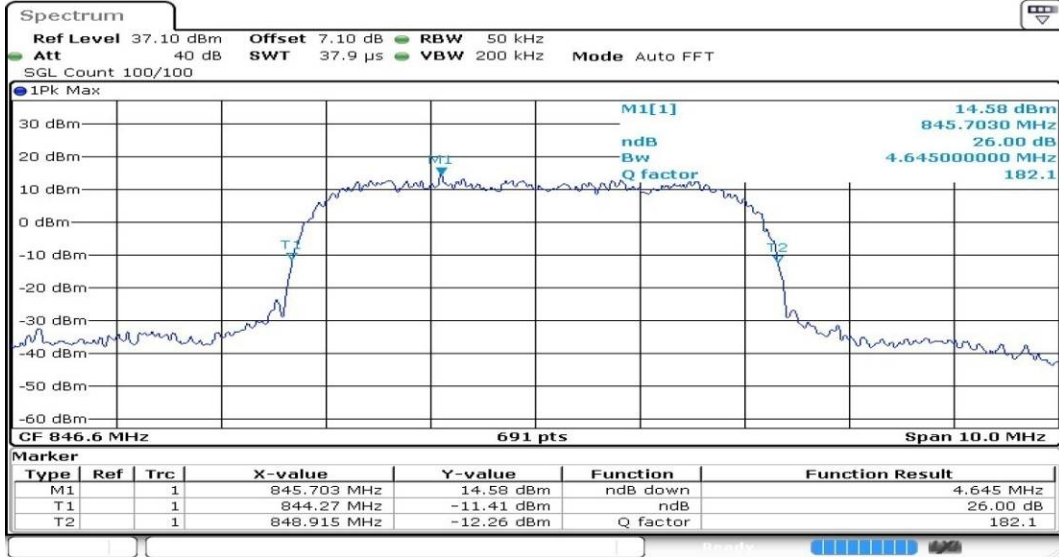
Date: 12.DEC.2020 14:19:21

Channel 4132



Date: 12.DEC.2020 14:23:49

Channel 4183

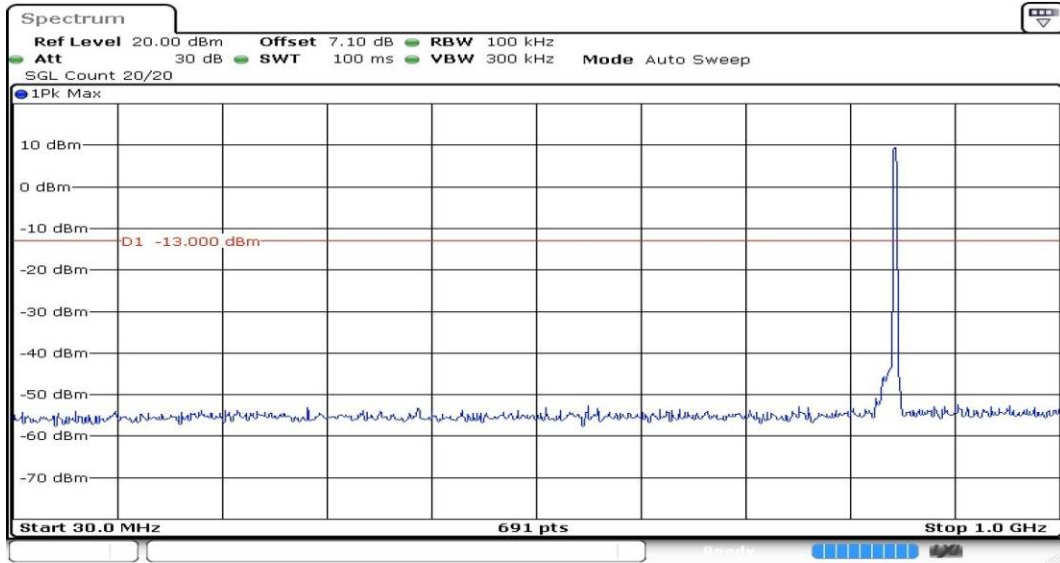


Date: 12. DEC. 2020 14:28:33

Channel 4233



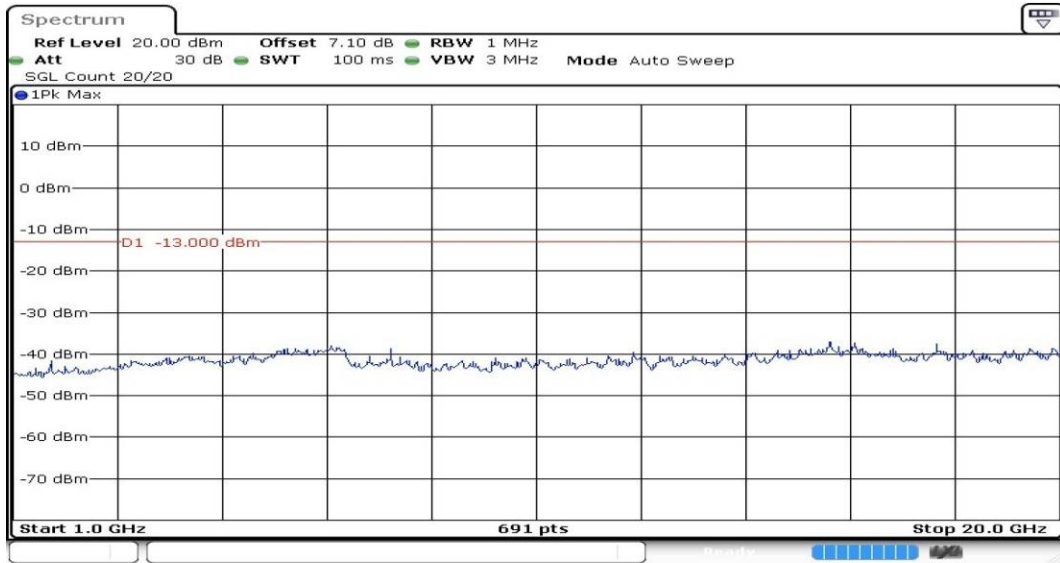
**Spurious Emissions at antenna terminal**  
WCDMA band V  
REL99 Mode:



Date: 12.DEC.2020 12:51:05

**Channel 4183 30MHz~1GHz**

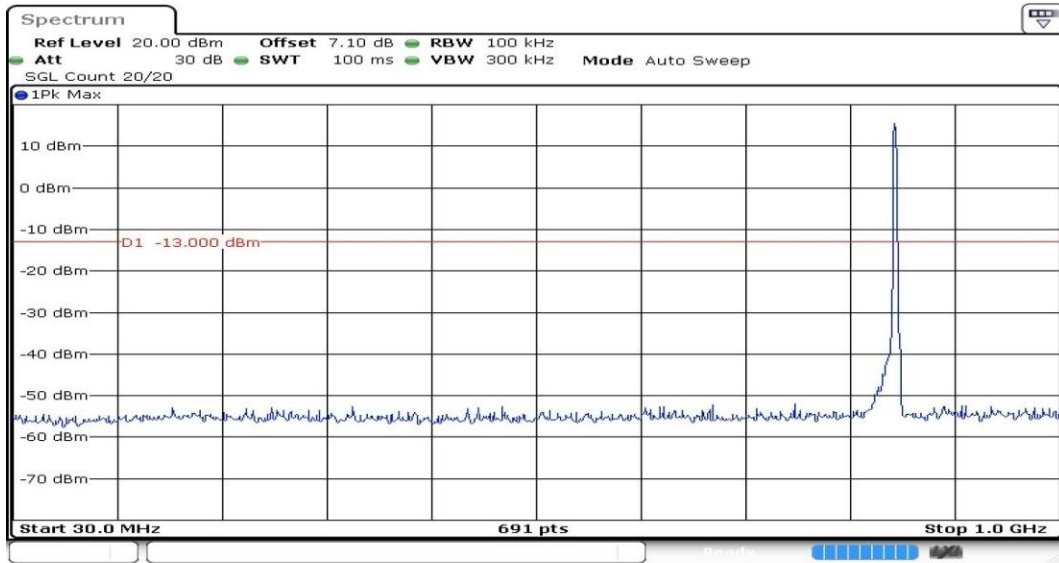
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 12.DEC.2020 12:51:14

**Channel 4183 1GHz~20GHz**

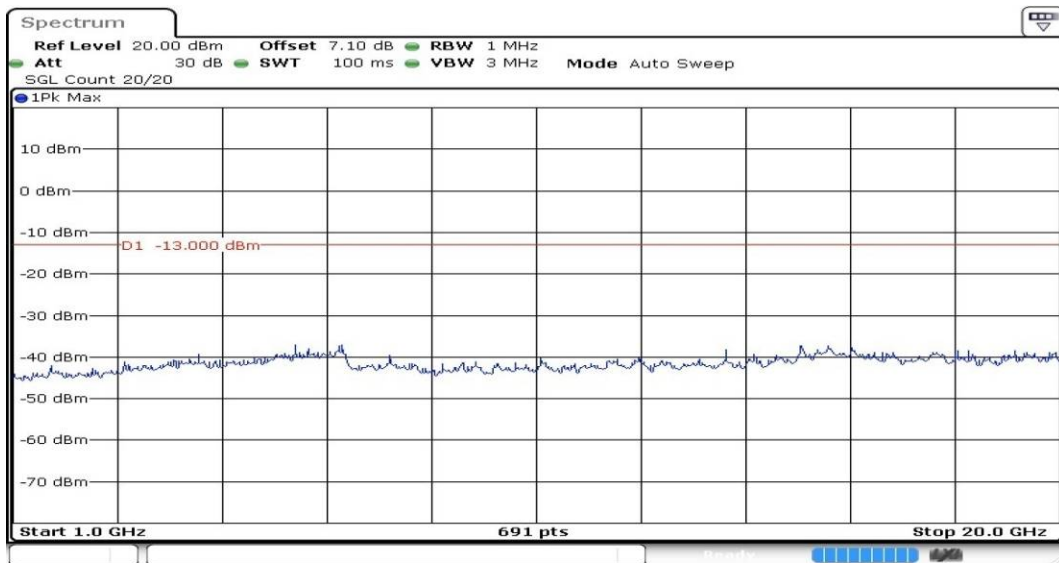
HSDPA Mode:



Date: 12. DEC. 2020 13:40:52

Channel 4183 30MHz~1GHz

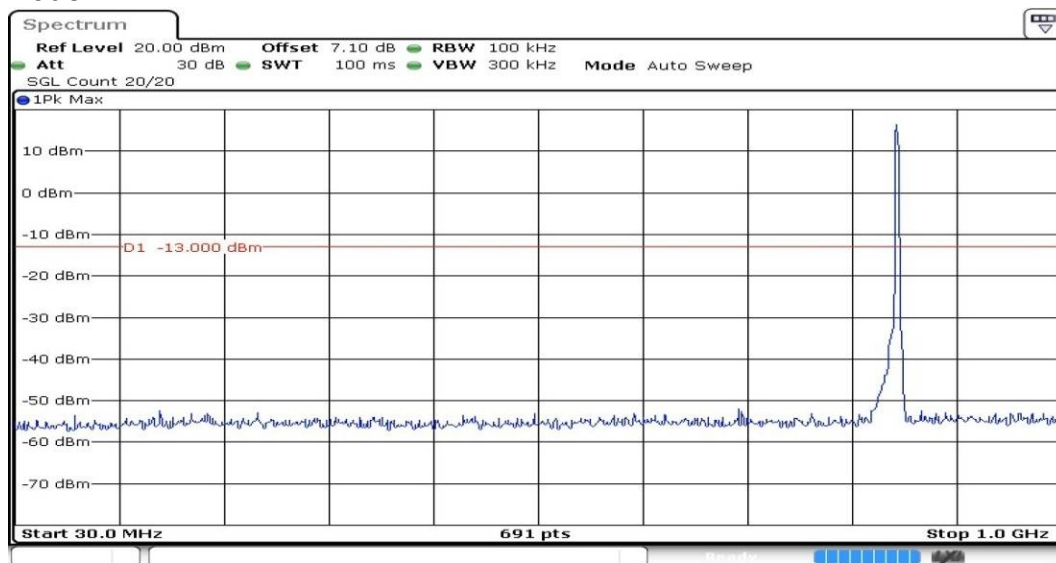
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 12. DEC. 2020 13:41:01

Channel 4183 1GHz~20GHz

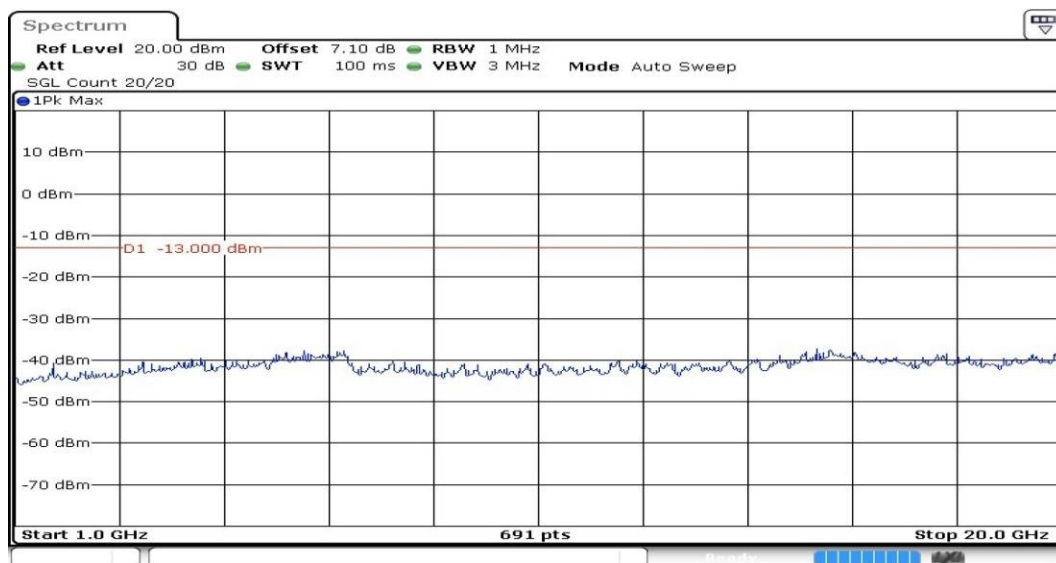
HSUPA Mode:



Date: 12.DEC.2020 14:28:50

Channel 4183 30MHz~1GHz

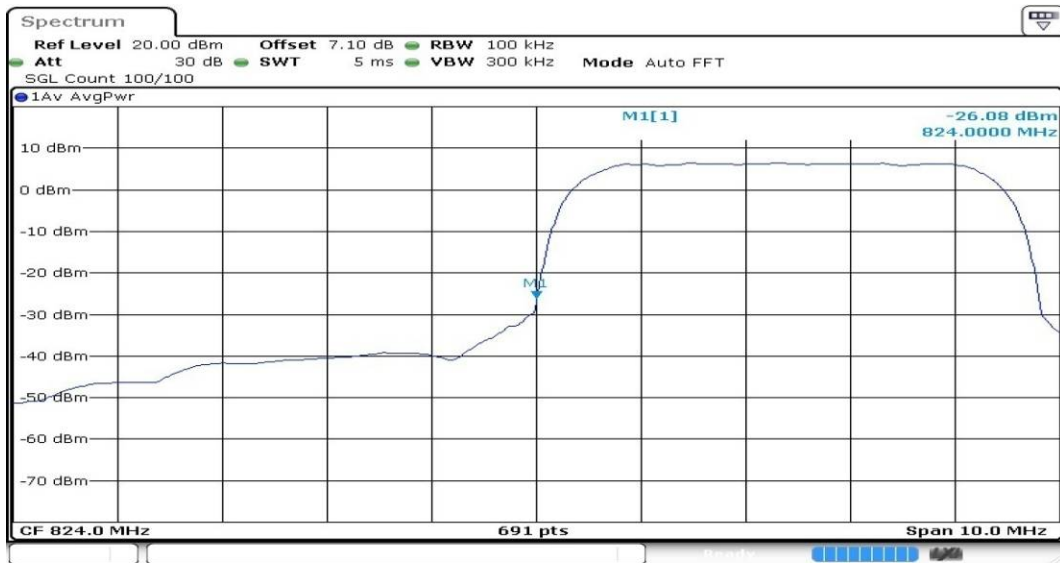
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 12.DEC.2020 14:28:59

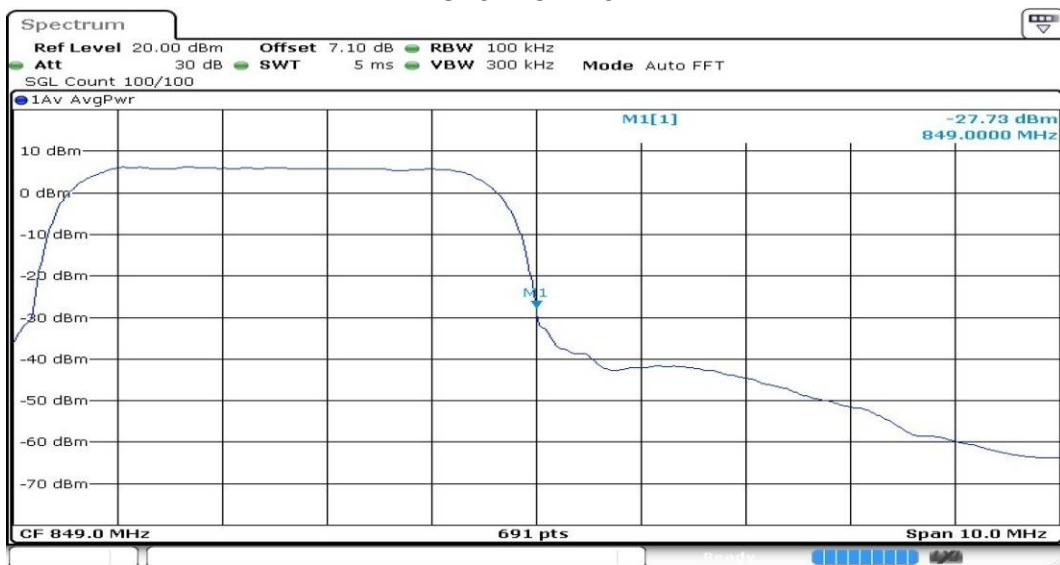
Channel 4183 1GHz~20GHz

**Band Edges Compliance**  
WCDMA band V  
REL99 Mode:



Date: 12.DEC.2020 14:19:55

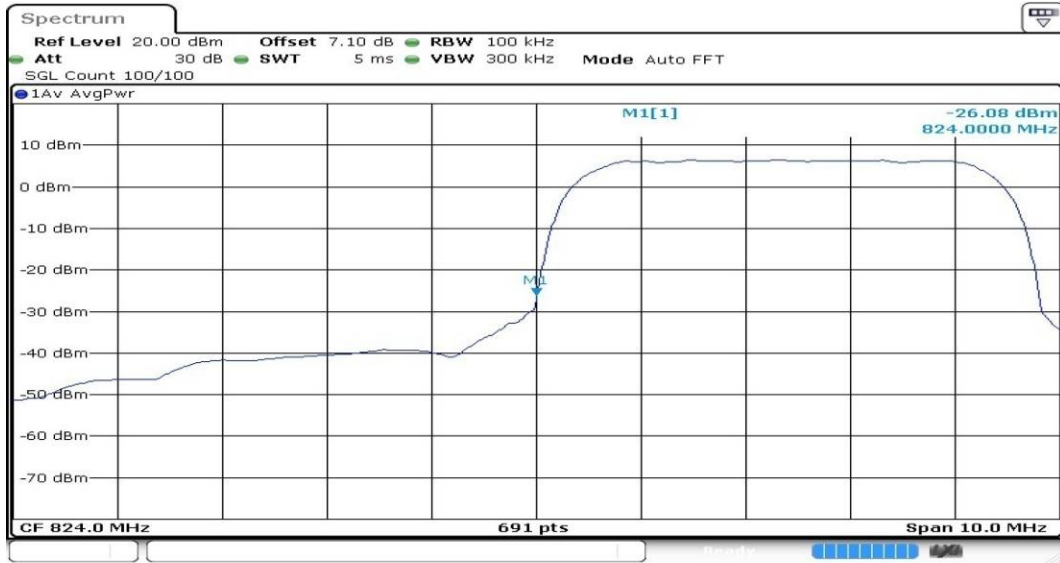
**Channel 4132**



Date: 12.DEC.2020 14:29:07

**Channel 4233**

HSDPA Mode:



Date: 12.DEC.2020 14:19:55

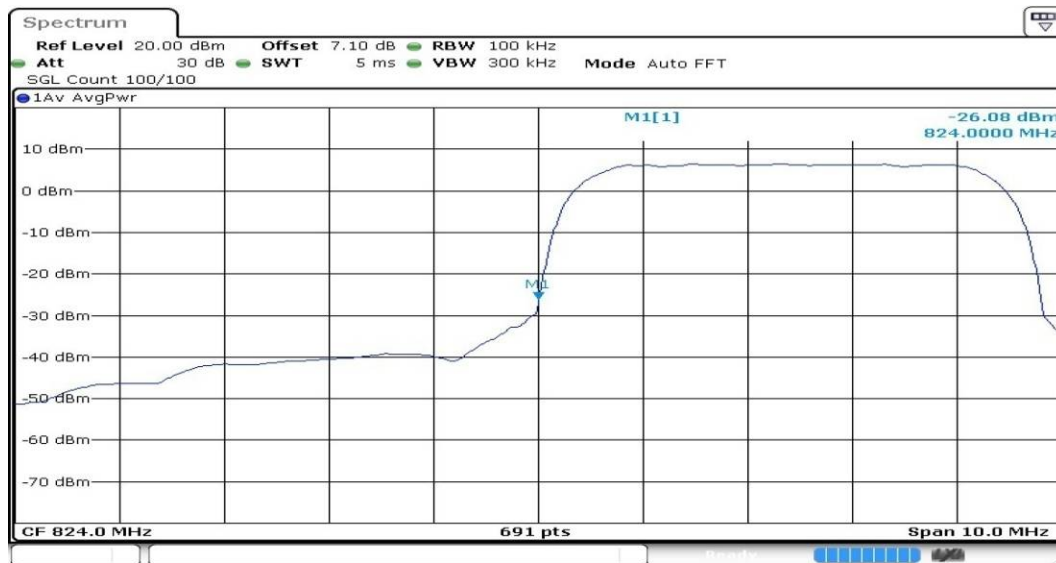
Channel 4132



Date: 12.DEC.2020 14:29:07

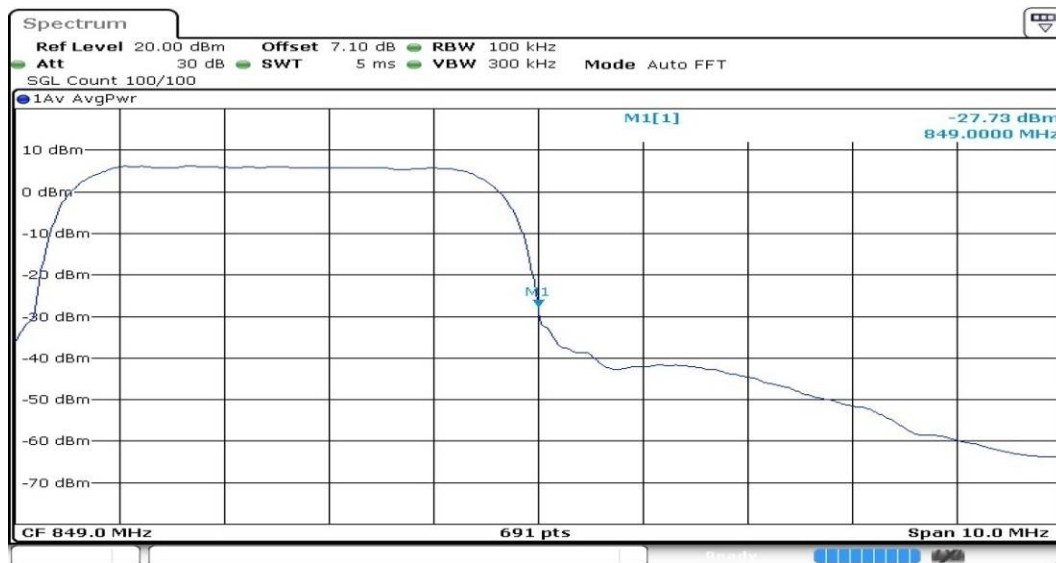
Channel 4233

HSUPA Mode:



Date: 12.DEC.2020 14:19:55

Channel 4132



Date: 12.DEC.2020 14:29:07

Channel 4233

## Frequency Stability

### WCDMA band V

REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-10	0.001	-0.001	-0.003
0	0.001	-0.002	-0.003
+10	-0.001	0.000	-0.002
+20	0.000	0.000	0.000
+30	0.002	-0.002	-0.001
+40	0.001	0.003	0.003
+50	0.000	-0.003	-0.002
+55	0.003	-0.002	-0.001
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	-0.001	0.003	-0.003
HV	0.001	-0.003	-0.002

HSDPA Mode:

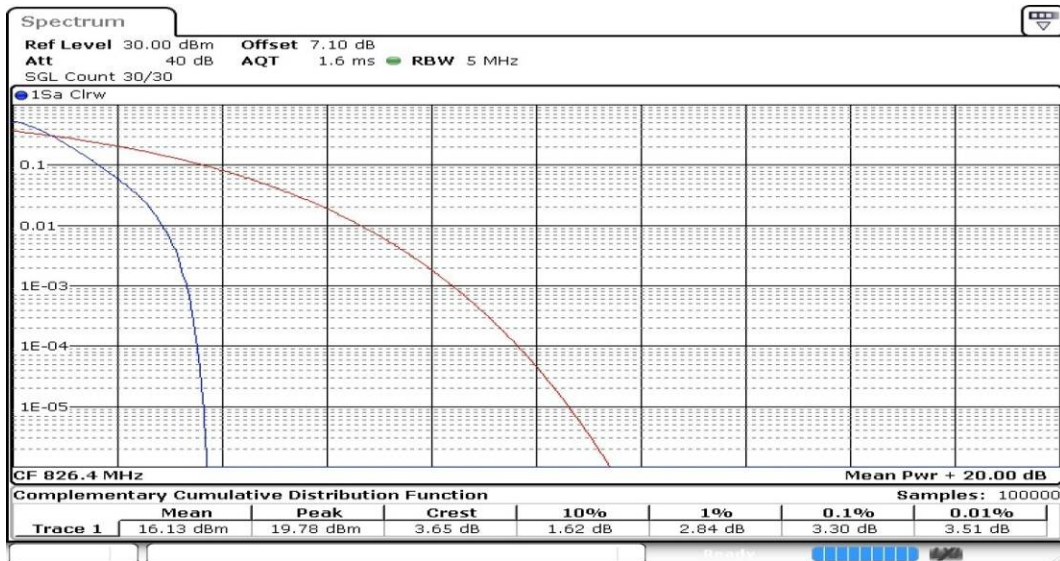
Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-10	0.001	0.000	0.000
0	0.001	0.002	0.003
+10	0.000	0.001	0.002
+20	0.000	0.000	0.000
+30	0.001	0.002	0.001
+40	-0.001	0.000	0.000
+50	-0.002	0.000	0.002
+55	0.003	-0.002	-0.001
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	-0.001	0.002	0.003
HV	-0.001	0.004	0.002



HSUPA Mode:

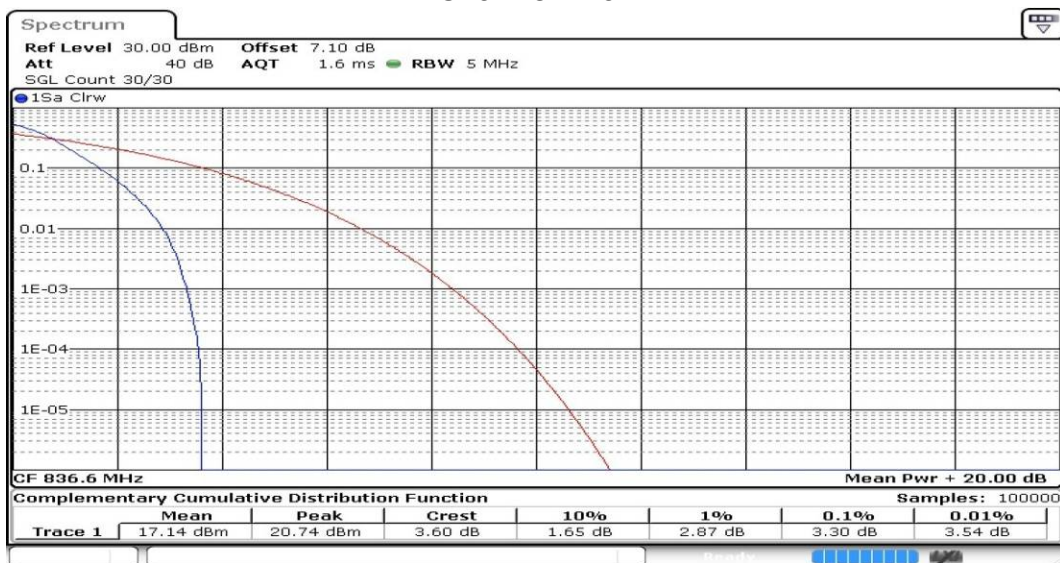
Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-10	-0.002	0.001	0.001
0	-0.002	-0.001	0.000
+10	-0.001	0.000	0.002
+20	0.000	0.000	0.000
+30	-0.004	-0.001	0.003
+40	-0.003	0.001	0.000
+50	-0.001	0.000	0.002
+55	0.003	0.002	0.002
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	-0.005	0.001	0.001
HV	-0.004	-0.001	0.003

**Peak-Average Ratio**  
WCDMA band V  
REL99 Mode:



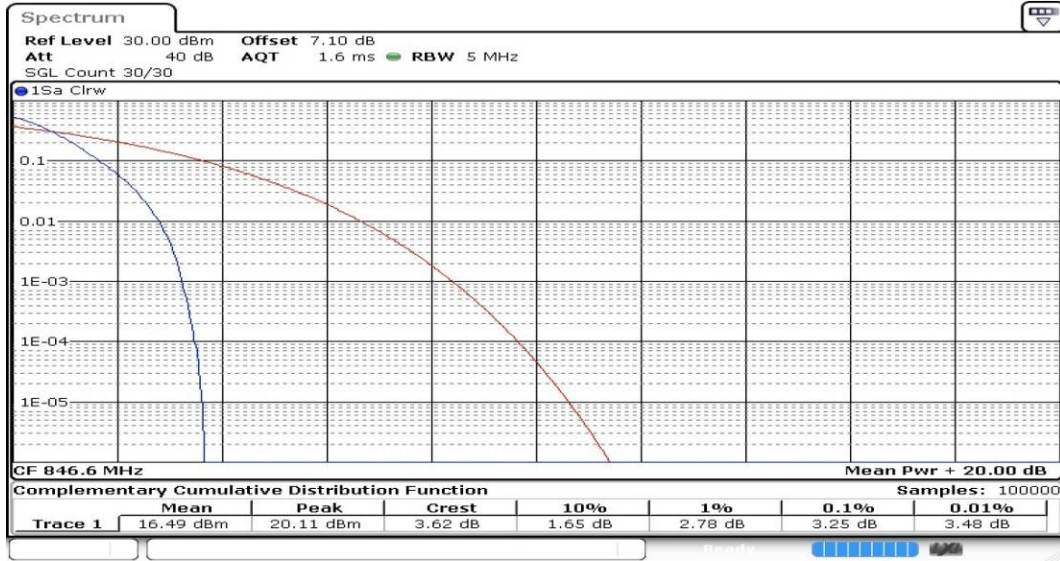
Date: 12.DEC.2020 12:49:20

Channel 4132



Date: 12.DEC.2020 12:50:11

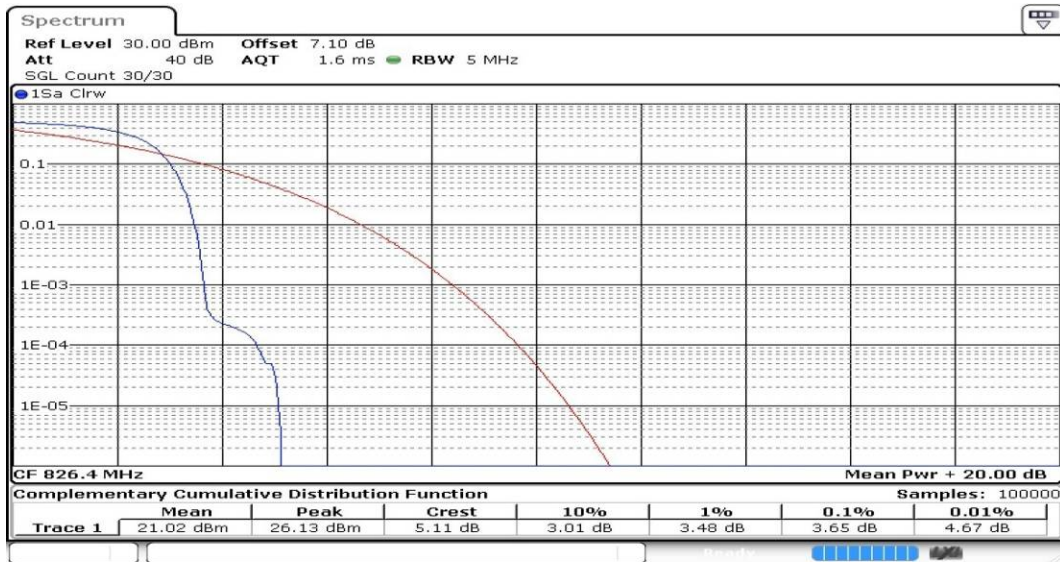
Channel 4183



Date: 12.DEC.2020 12:50:55

Channel 4233

HSDPA Mode:



Date: 12.DEC.2020 13:33:36

Channel 4132