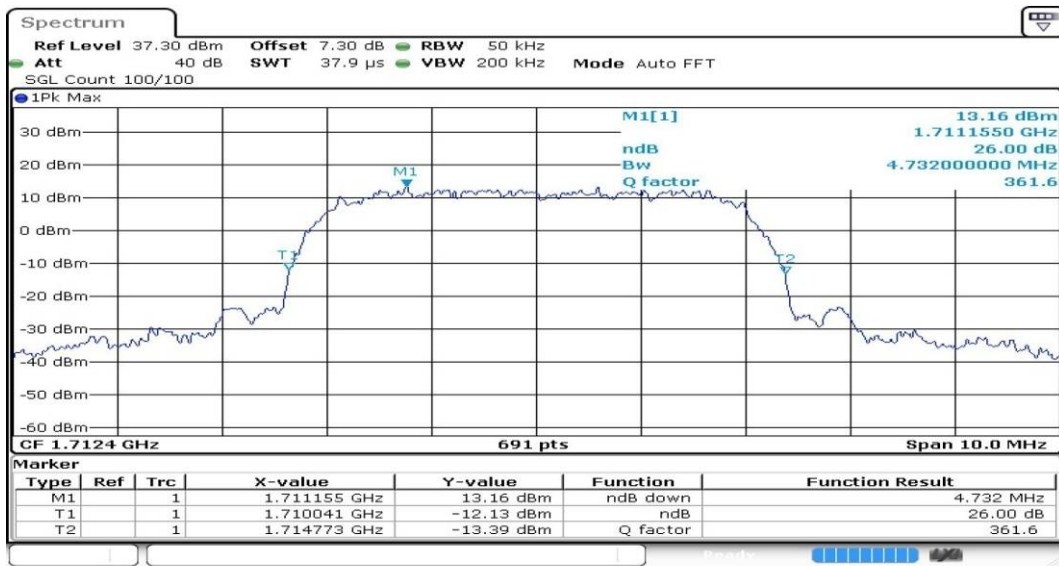
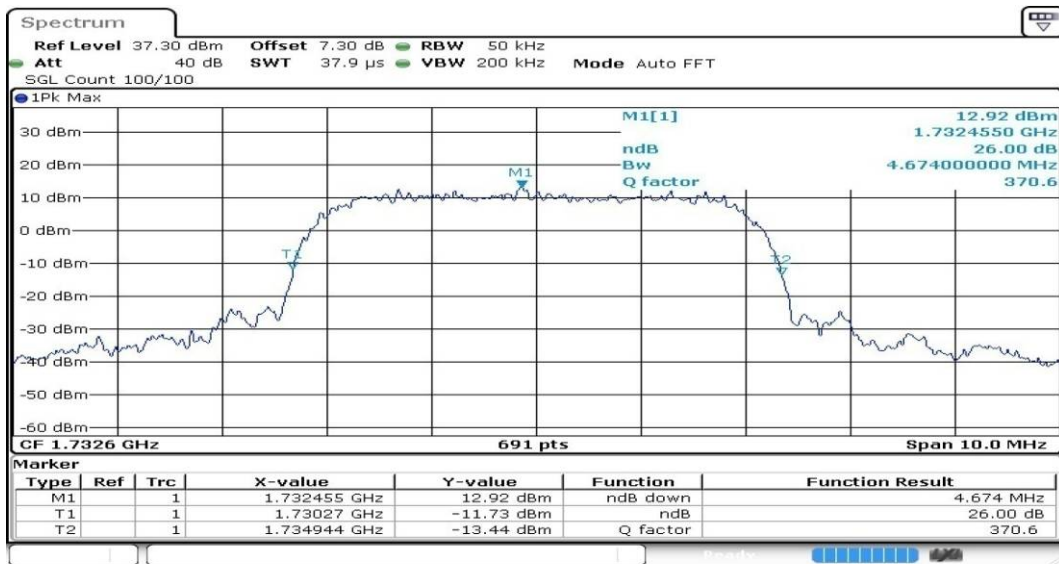


HSUPA Mode:



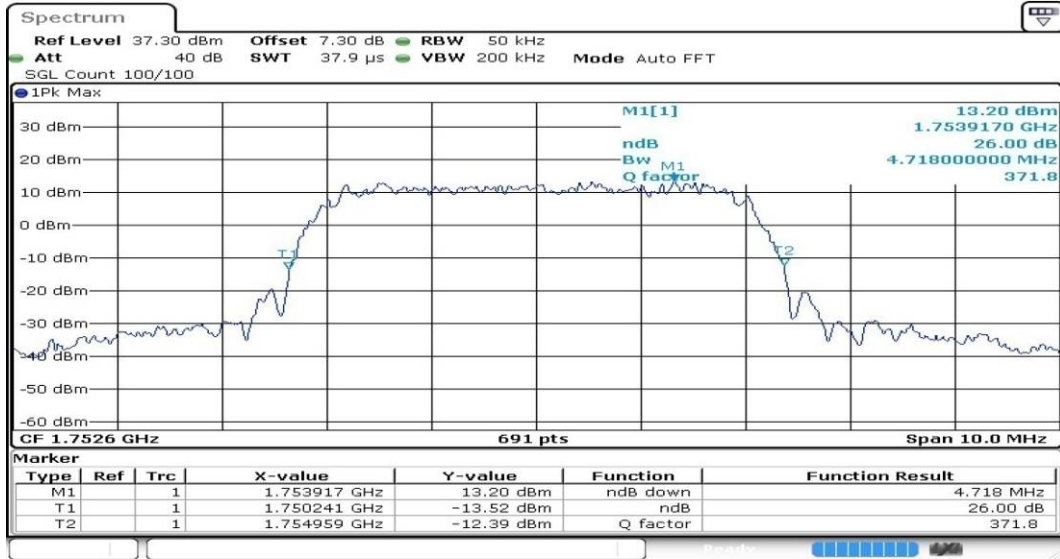
Date: 25.DEC.2020 10:40:58

Channel 1312



Date: 25.DEC.2020 10:45:05

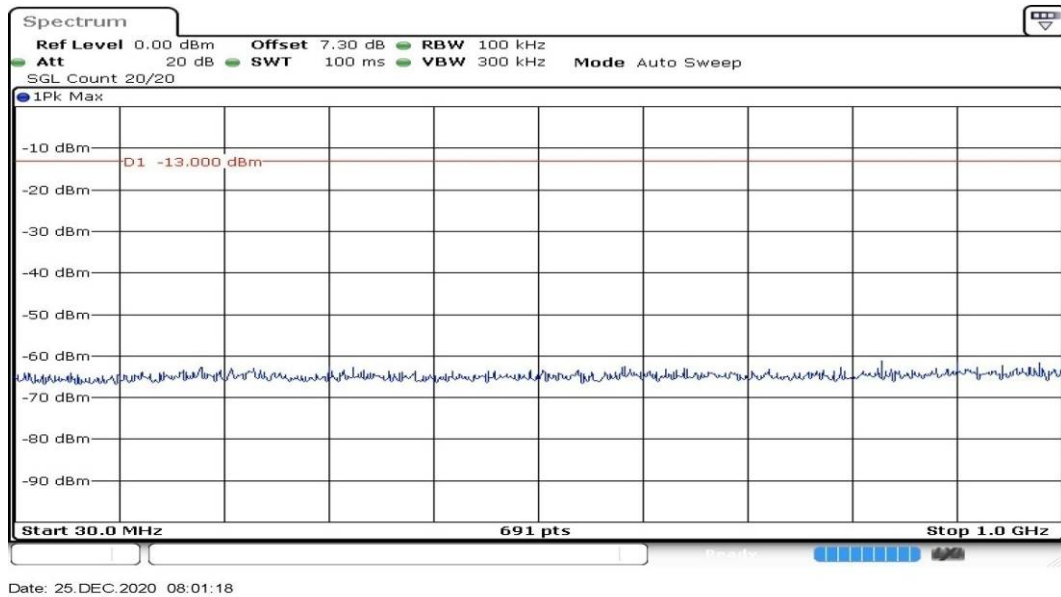
Channel 1413



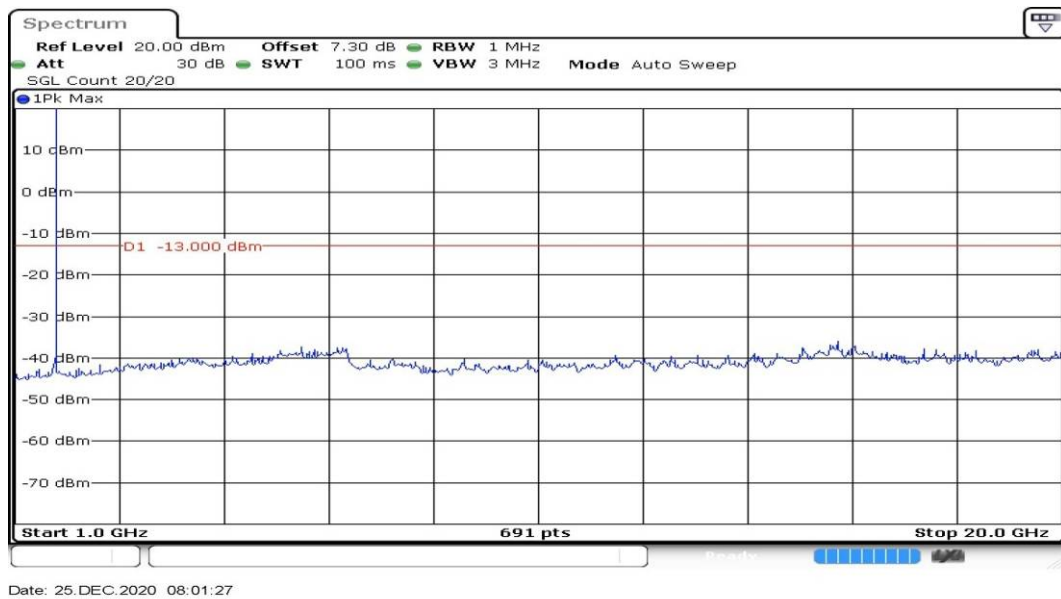
Date: 25.DEC.2020 11:36:33

Channel 1513

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



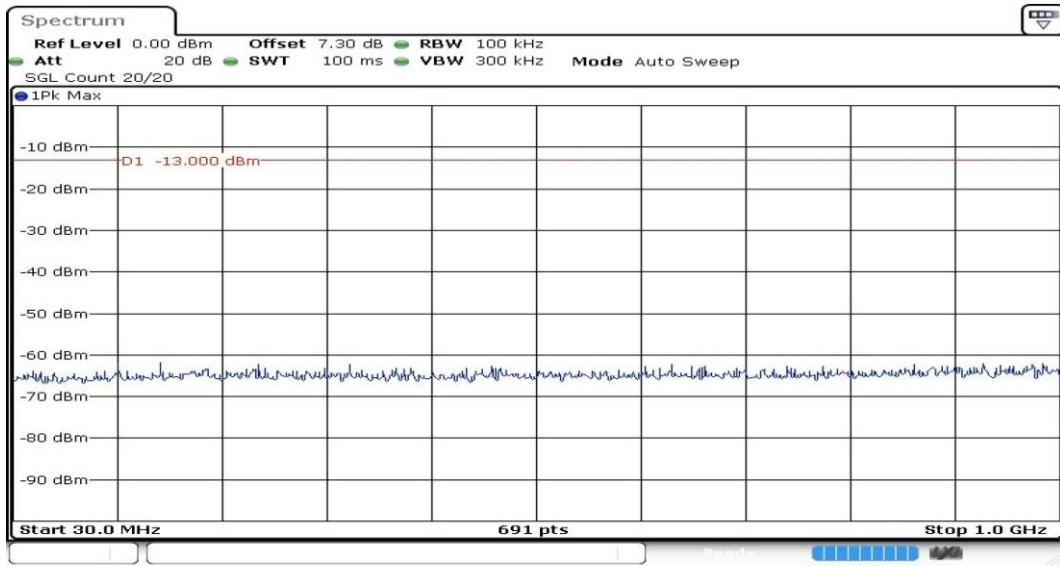
Channel 1413 30MHz~1GHz



Channel 1413 1GHz~20GHz

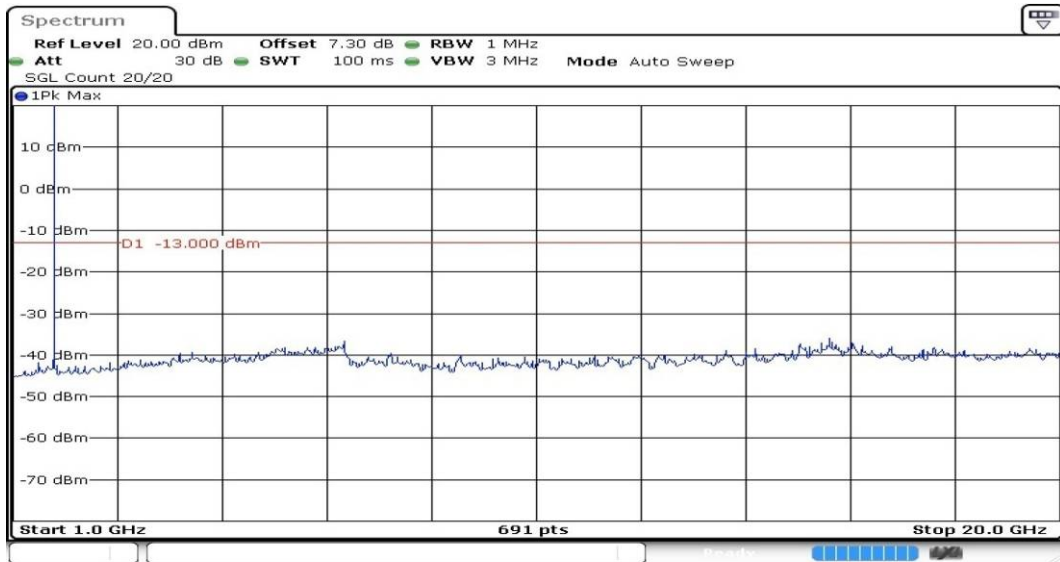
Note: The signal beyond the limit is the signal transmitted by EUT.

HSDPA Mode:



Date: 25.DEC.2020 10:31:33

Channel 1413 30MHz~1GHz

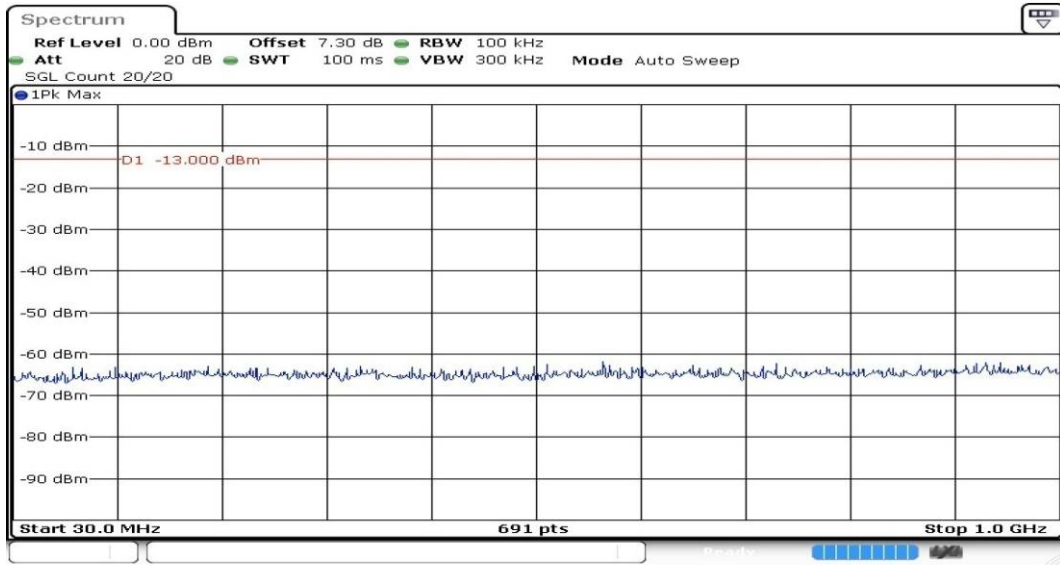


Date: 25.DEC.2020 10:31:42

Channel 1413 1GHz~20GHz

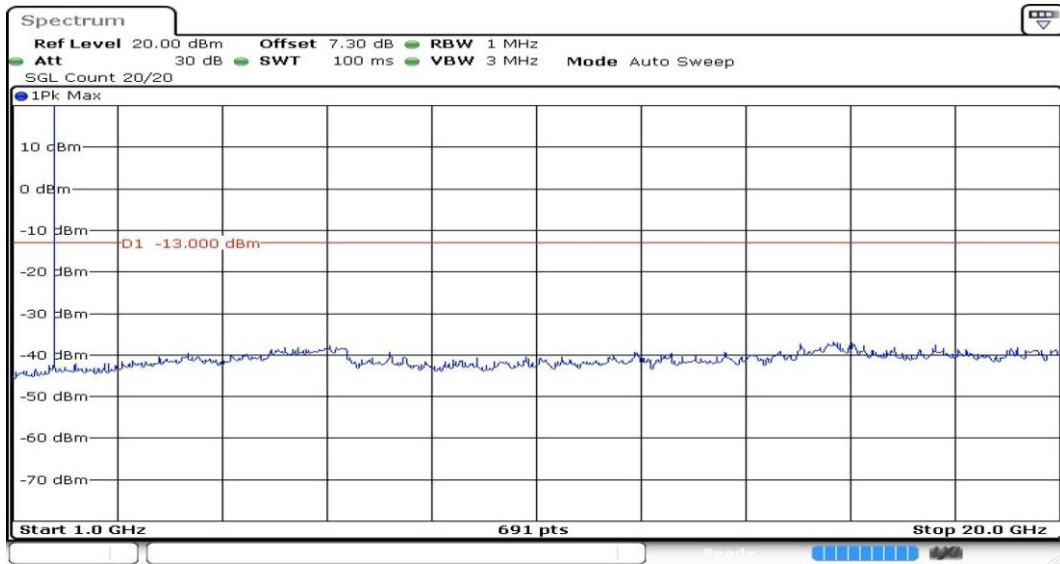
Note: The signal beyond the limit is the signal transmitted by EUT.

HSUPA Mode:



Date: 25.DEC.2020 10:52:56

Channel 1413 30MHz~1GHz

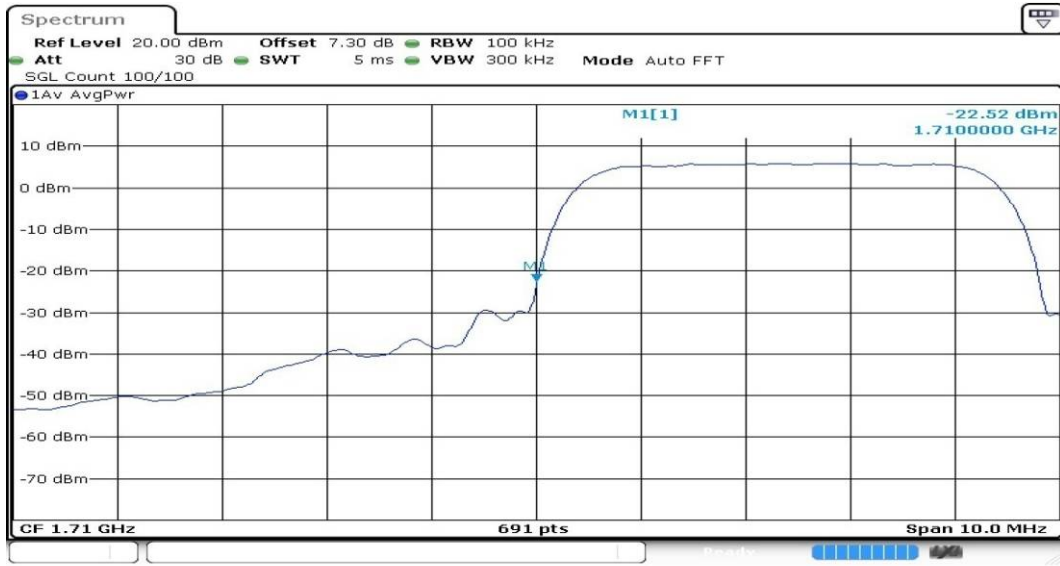


Date: 25.DEC.2020 10:53:05

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: 25.DEC.2020 10:41:32

Channel 1312



Date: 25.DEC.2020 10:53:13

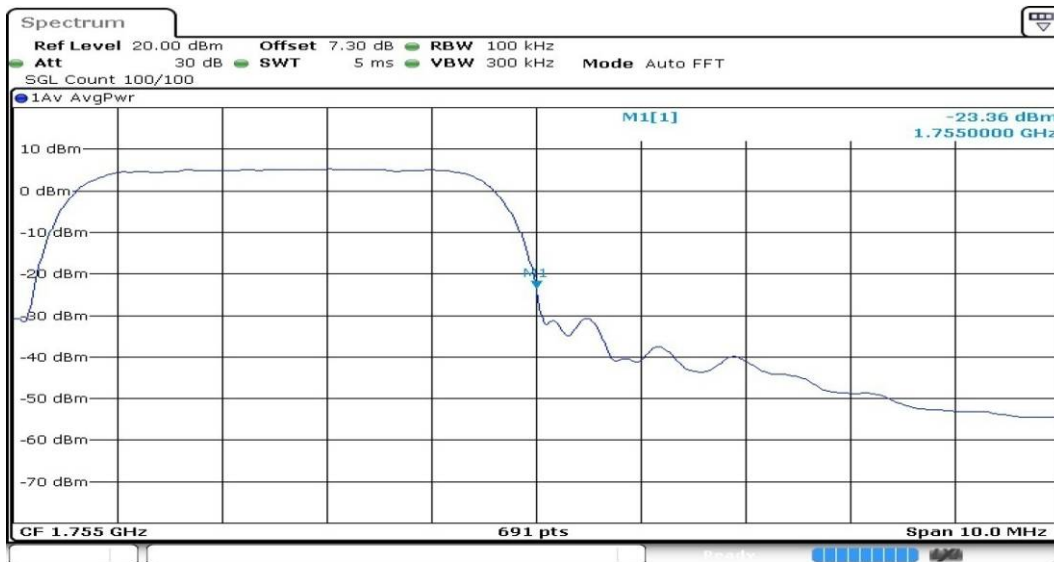
Channel 1513

HSDPA Mode:



Date: 25.DEC.2020 10:41:32

Channel 1312



Date: 25.DEC.2020 10:53:13

Channel 1513

HSUPA Mode:



Date: 25.DEC.2020 10:41:32

Channel 1312



Date: 25.DEC.2020 10:53:13

Channel 1513



## Frequency Stability

WCDMA band IV

REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1413	Channel 1513
-20	0.000	0.000	0.001
-10	0.001	0.000	0.001
0	0.001	0.000	0.001
+10	0.001	0.000	0.001
+20	0.000	0.000	0.000
+30	0.001	0.000	0.001
+40	0.001	0.000	0.001
+50	0.001	0.000	0.001
+60	0.001	0.000	0.001
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1413	Channel 1513
LV	0.000	0.000	0.000
HV	0.001	0.000	0.001

HSDPA Mode:

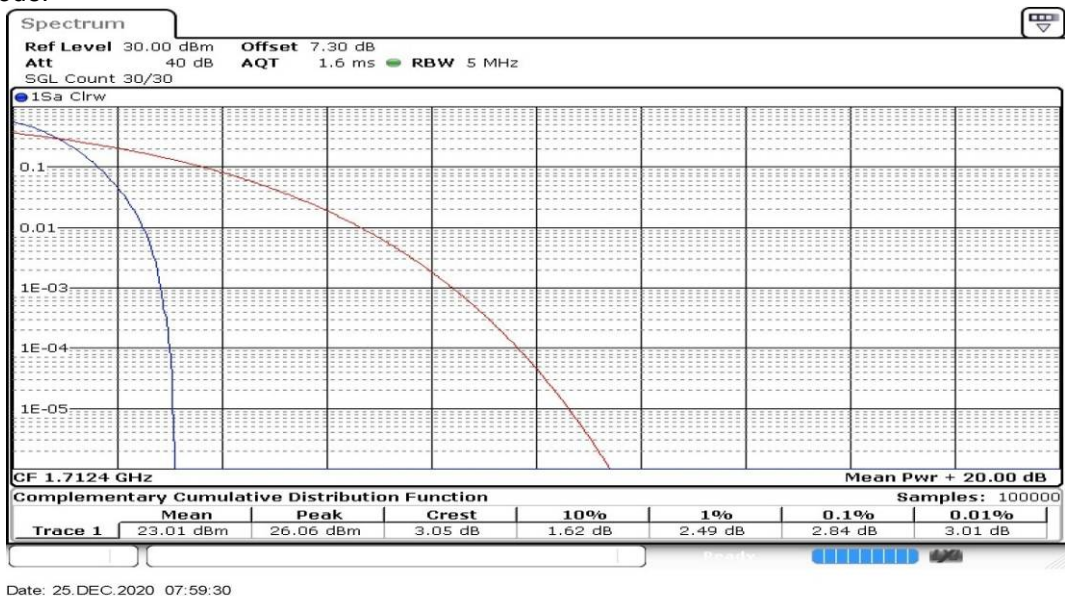
Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1413	Channel 1513
-20	0.001	0.000	0.001
-10	0.001	0.000	0.000
0	0.000	0.000	0.000
+10	0.001	0.000	0.001
+20	0.000	0.000	0.000
+30	0.001	0.000	0.000
+40	0.001	0.002	0.001
+50	0.002	0.009	0.001
+60	0.001	0.000	0.000
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1413	Channel 1513
LV	0.000	0.000	0.000
HV	0.000	0.000	-0.001

HSUPA Mode:

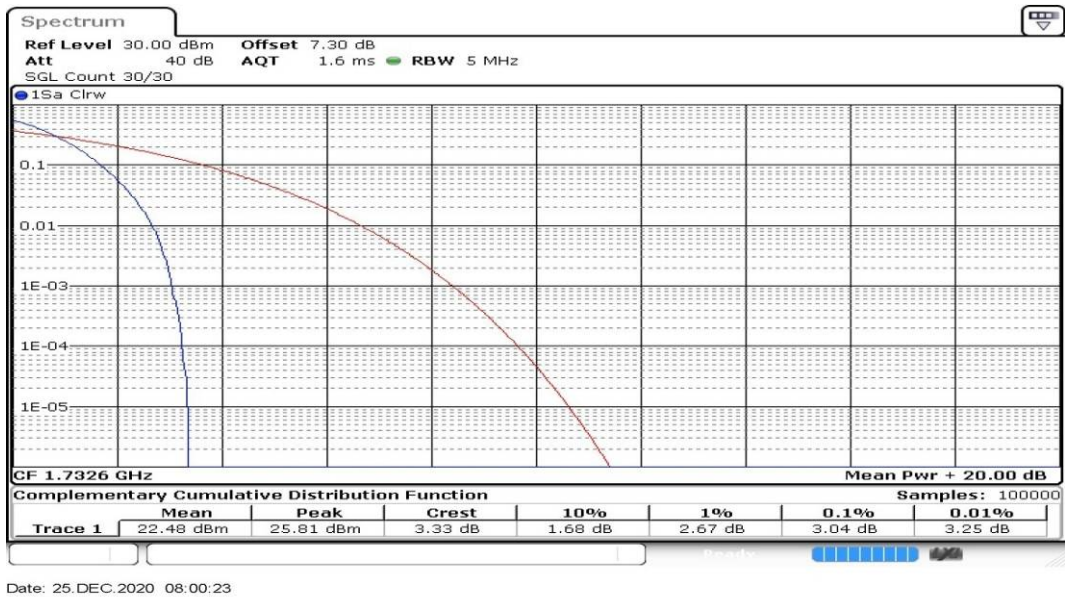
Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1413	Channel 1513
-20	0.001	0.003	0.001
-10	0.002	0.000	0.001
0	0.002	0.000	0.001
+10	0.002	0.000	0.001
+20	0.000	0.000	0.000

+30	0.002	0.000	0.001
+40	0.002	0.000	0.001
+50	0.002	0.000	0.002
+60	0.001	0.003	0.000
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1413	Channel 1513
LV	0.000	0.005	0.000
HV	0.001	0.000	0.001

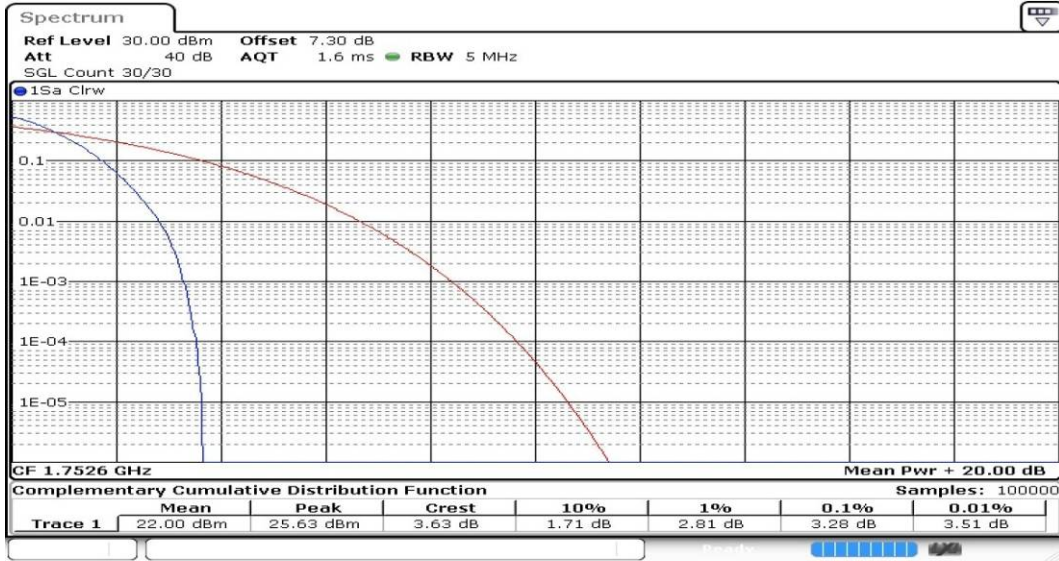
**Peak-Average Ratio**  
WCDMA band IV  
REL99 Mode:



Channel 1312



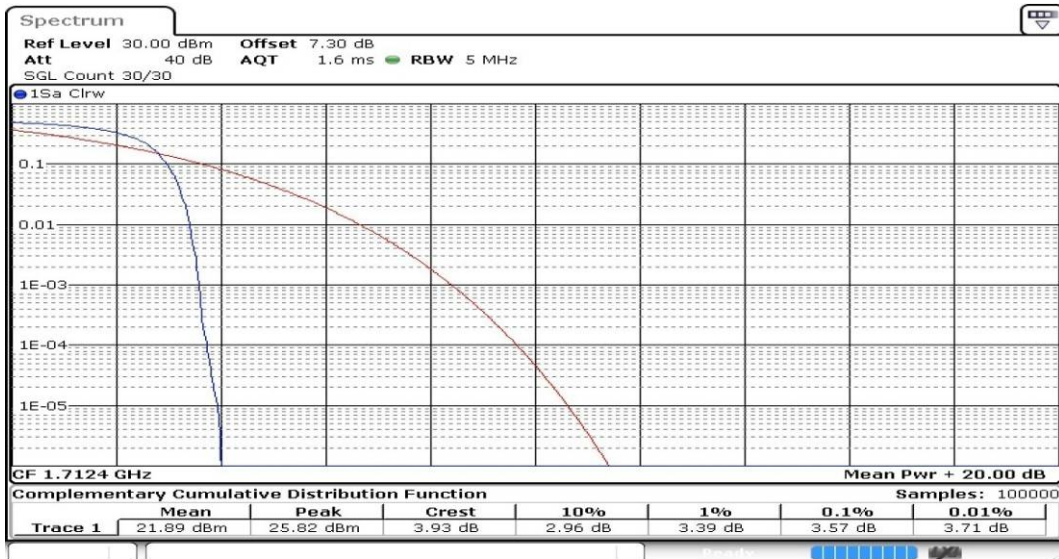
Channel 1413



Date: 25.DEC.2020 08:01:08

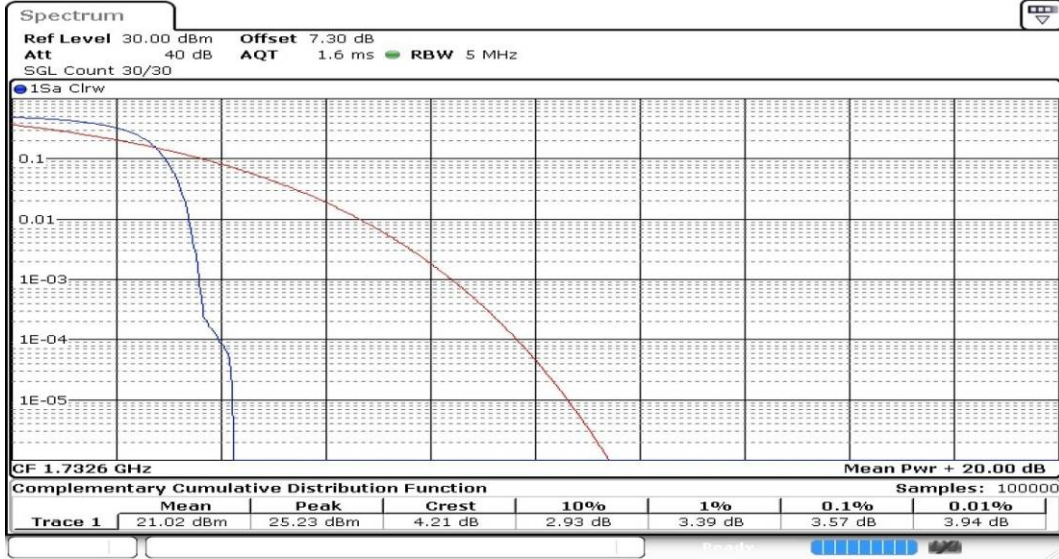
Channel 1513

HSDPA Mode:



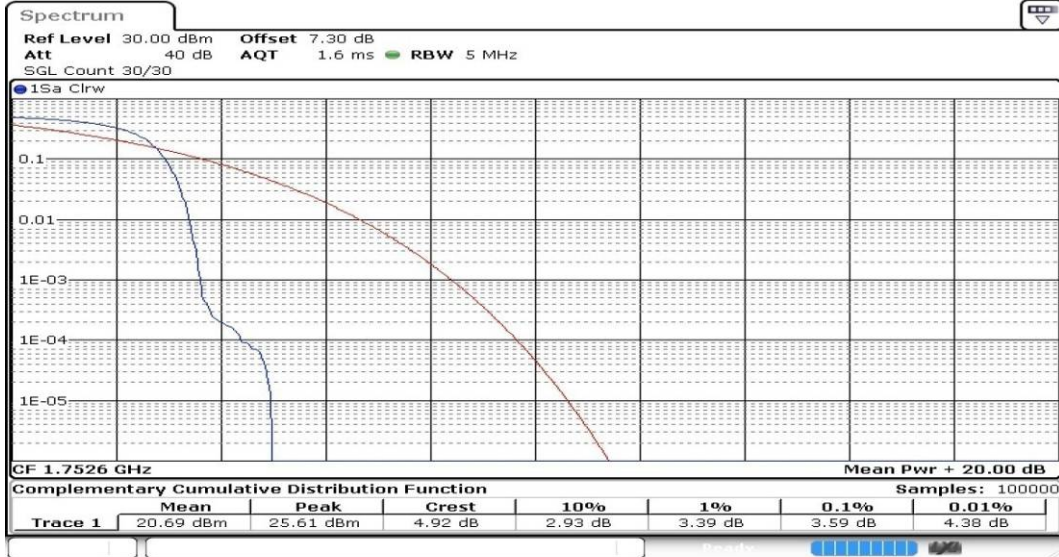
Date: 25.DEC.2020 10:24:50

Channel 1312



Date: 25.DEC.2020 10:28:10

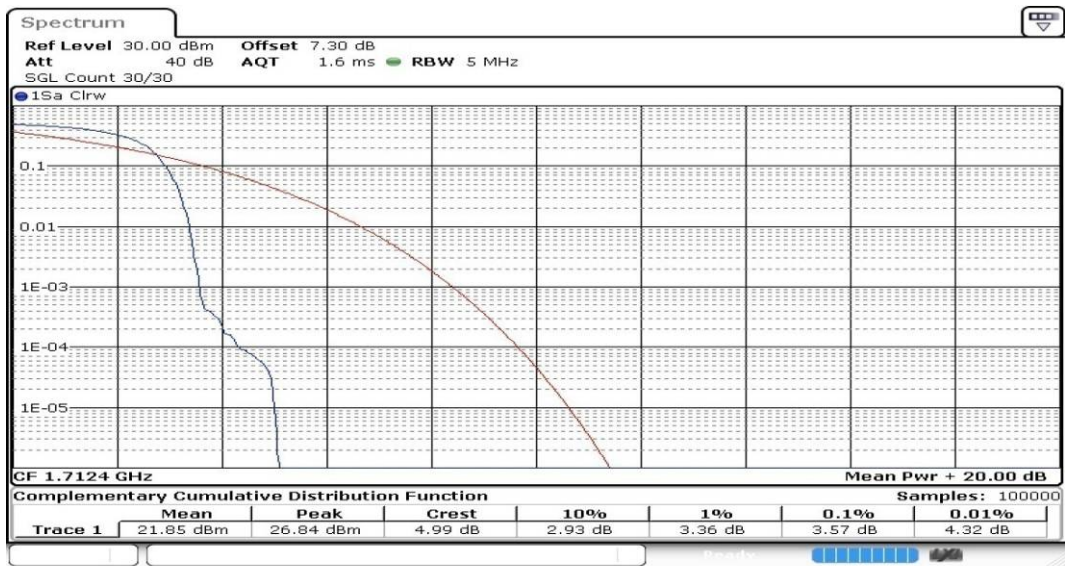
Channel 1413



Date: 25.DEC.2020 10:31:23

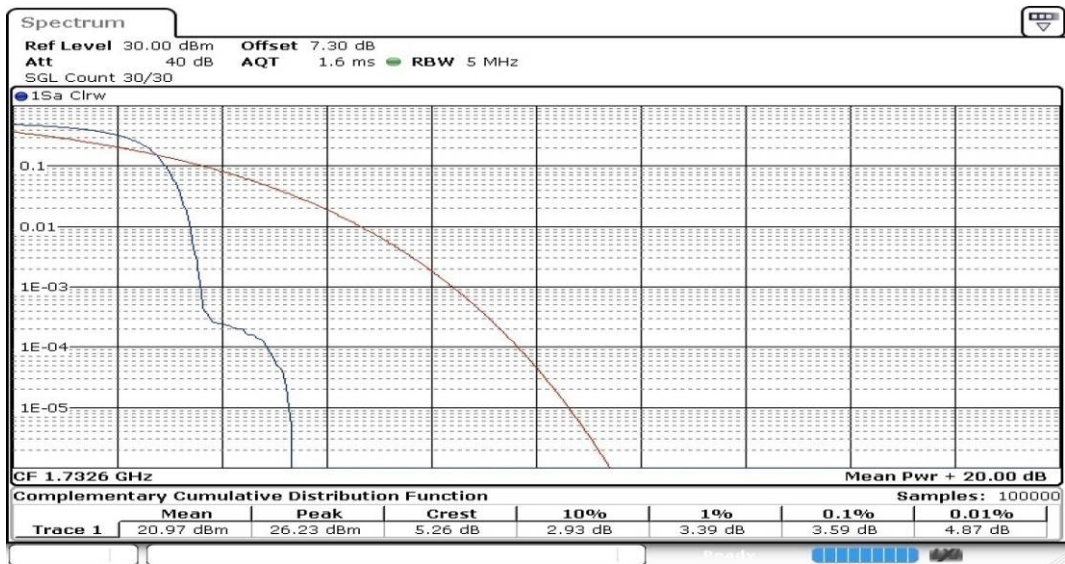
Channel 1513

HSUPA Mode:



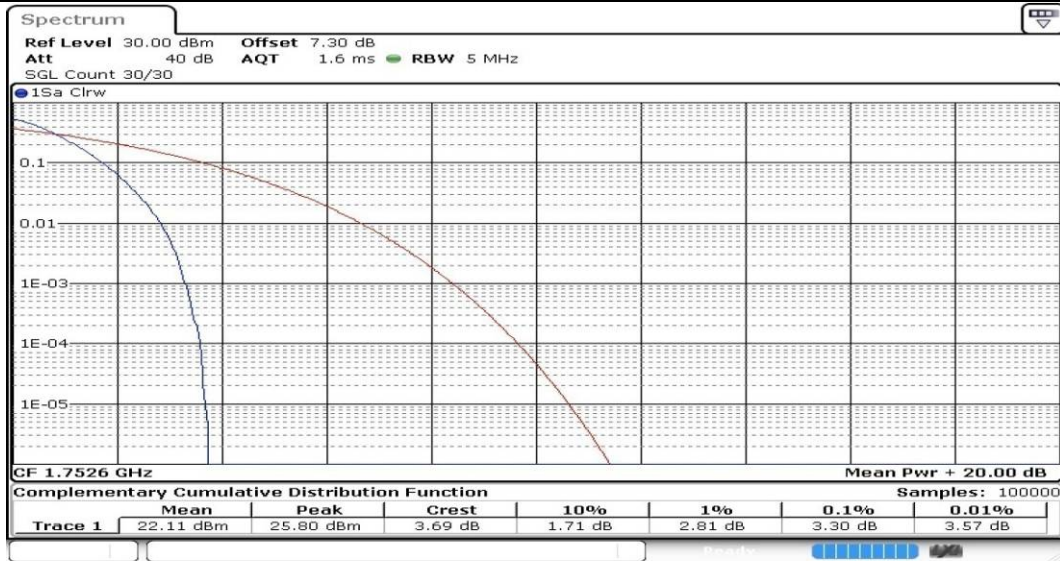
Date: 25.DEC.2020 10:41:05

Channel 1312



Date: 25.DEC.2020 10:45:12

Channel 1413



Date: 25.DEC.2020 11:36:40

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, 12.2kps	1712.4	1312	23.99	22.73	0.187	
		1732.6	1413	23.43	22.17	0.165	
		1752.6	1513	22.76	21.50	0.141	
HSDPA	Subtest1	1712.4	1312	23.26	22.00	0.158	
		1732.6	1413	22.61	21.35	0.136	
		1752.6	1513	22.43	21.17	0.131	
	Subtest2	1712.4	1312	23.26	22.00	0.158	
		1732.6	1413	22.74	21.48	0.141	
		1752.6	1513	22.47	21.21	0.132	
	Subtest3	1712.4	1312	22.55	21.29	0.135	
		1732.6	1413	22.01	20.75	0.119	
		1752.6	1513	21.54	20.28	0.107	
	Subtest4	1712.4	1312	22.53	21.27	0.134	
		1732.6	1413	21.83	20.57	0.114	
		1752.6	1513	21.54	20.28	0.107	
	HSUPA	Subtest1	1712.4	1312	22.89	21.63	0.146
			1732.6	1413	22.58	21.32	0.136
			1752.6	1513	21.88	20.62	0.115
Subtest2		1712.4	1312	22.98	21.72	0.149	
		1732.6	1413	22.66	21.40	0.138	
		1752.6	1513	22.40	21.14	0.130	
Subtest3		1712.4	1312	22.52	21.26	0.134	
		1732.6	1413	21.89	20.63	0.116	
		1752.6	1513	21.40	20.14	0.103	
Subtest4		1712.4	1312	23.11	21.85	0.153	
		1732.6	1413	22.58	21.32	0.136	
		1752.6	1513	21.98	20.72	0.118	
Subtest5		1712.4	1312	23.01	21.75	0.150	
		1732.6	1413	22.45	21.19	0.132	
		1752.6	1513	21.86	20.60	0.115	



HSPA+	QPSK	1712.4	1312	22.93	21.67	0.147
		1732.6	1413	22.70	21.44	0.139
		1752.6	1513	21.92	20.66	0.116
	16QAM	1712.4	1312	23.14	21.88	0.154
		1732.6	1413	22.60	21.34	0.136
		1752.6	1513	21.92	20.66	0.116
DC-HSDPA	Subtest1	1712.4	1312	22.86	21.60	0.145
		1732.6	1413	22.31	21.05	0.127
		1752.6	1513	21.83	20.57	0.114
	Subtest2	1712.4	1312	22.65	21.39	0.138
		1732.6	1413	22.27	21.01	0.126
		1752.6	1513	21.46	20.20	0.105
	Subtest3	1712.4	1312	22.74	21.48	0.141
		1732.6	1413	21.92	20.66	0.116
		1752.6	1513	21.63	20.37	0.109
	Subtest4	1712.4	1312	21.90	20.64	0.116
		1732.6	1413	21.84	20.58	0.114
		1752.6	1513	21.05	19.79	0.095

**RF Power Output**  
WCDMA band V

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
Release 99	RMC,12.2kbps	826.4	4132	23.52
		836.6	4183	23.44
		846.6	4233	23.38
HSDPA	Subtest1	826.4	4132	22.75
		836.6	4183	22.75
		846.6	4233	22.71
	Subtest2	826.4	4132	22.82
		836.6	4183	22.63
		846.6	4233	22.58
	Subtest3	826.4	4132	22.19
		836.6	4183	22.23
		846.6	4233	22.07
	Subtest4	826.4	4132	22.28
		836.6	4183	21.79
		846.6	4233	21.98
HSUPA	Subtest1	826.4	4132	22.89
		836.6	4183	22.74
		846.6	4233	23.51
	Subtest2	826.4	4132	22.88
		836.6	4183	22.85
		846.6	4233	22.74
	Subtest3	826.4	4132	22.84
		836.6	4183	22.74
		846.6	4233	22.52
	Subtest4	826.4	4132	22.89
		836.6	4183	22.79
		846.6	4233	22.79
	Subtest5	826.4	4132	22.77
		836.6	4183	22.59
		846.6	4233	22.47
HSPA+	QPSK	826.4	4132	22.59
		836.6	4183	22.64
		846.6	4233	22.56
	16QAM	826.4	4132	22.53
		836.6	4183	22.66
		846.6	4233	22.57

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
DC-HSDPA	Subtest1	826.4	4132	22.79
		836.6	4183	22.75
		846.6	4233	22.78
	Subtest2	826.4	4132	22.74
		836.6	4183	22.76
		846.6	4233	22.78
	Subtest3	826.4	4132	22.27
		836.6	4183	22.26
		846.6	4233	22.26
	Subtest4	826.4	4132	22.25
		836.6	4183	22.26
		846.6	4233	22.25

## Occupied Bandwidth

WCDMA band V

REL99 Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.11
836.6	4183	4.12
846.6	4233	4.12

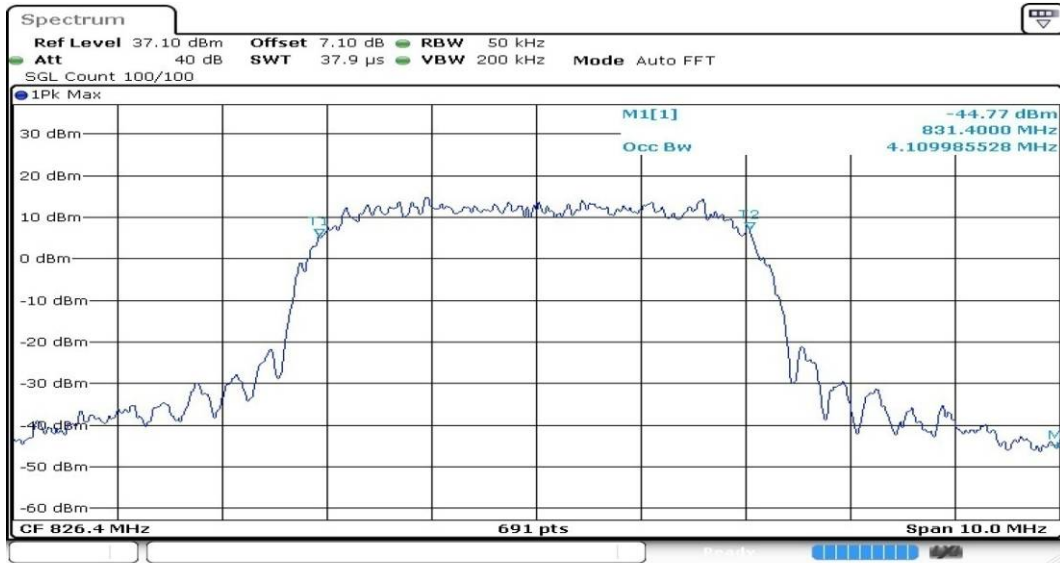
HSDPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.11
836.6	4183	4.11
846.6	4233	4.11

HSUPA Mode:

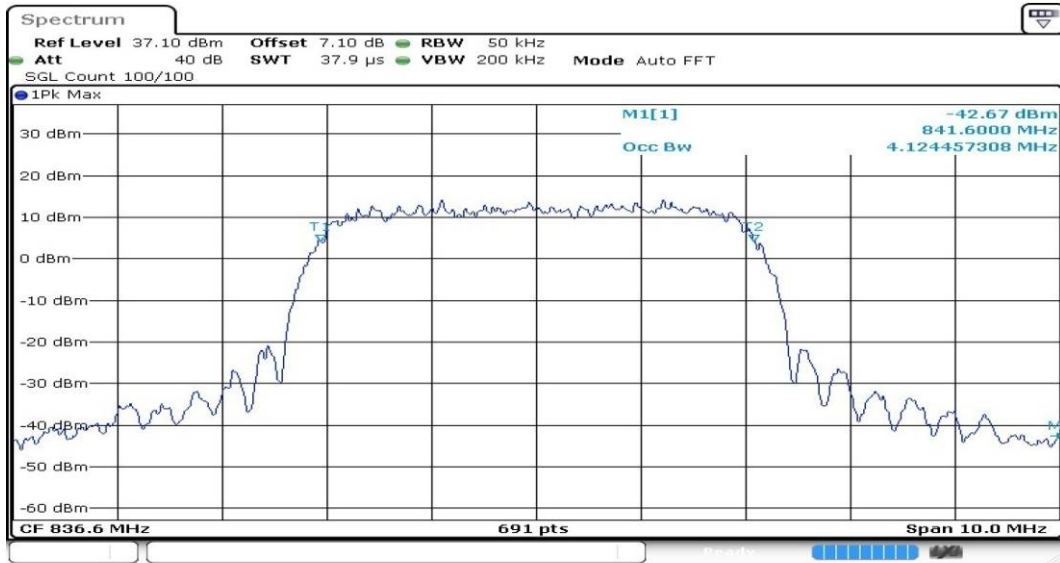
Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.12
836.6	4183	4.14
846.6	4233	4.12

WCDMA band V  
REL99 Mode:



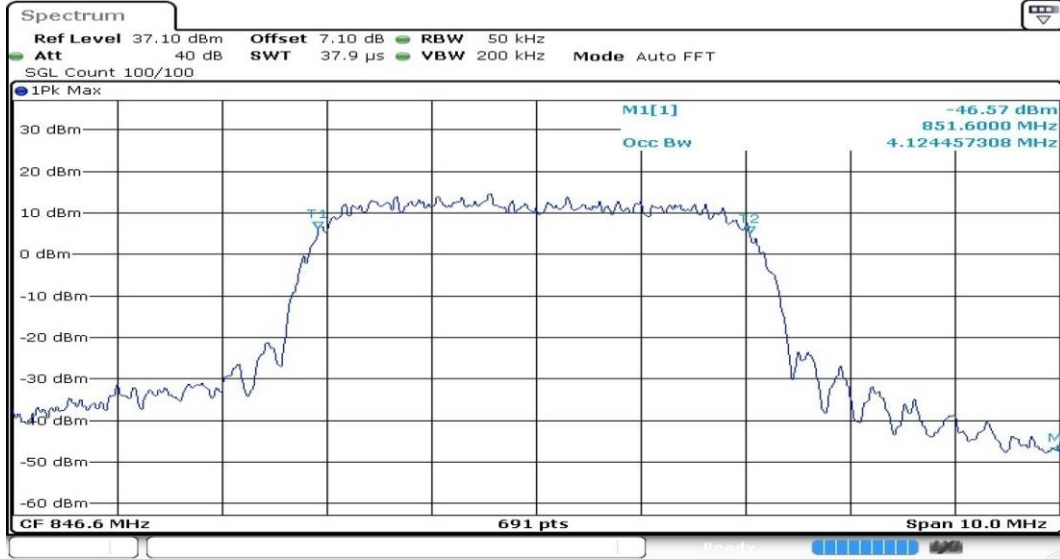
Date: 25.DEC.2020 11:43:12

Channel 4132



Date: 25.DEC.2020 11:44:04

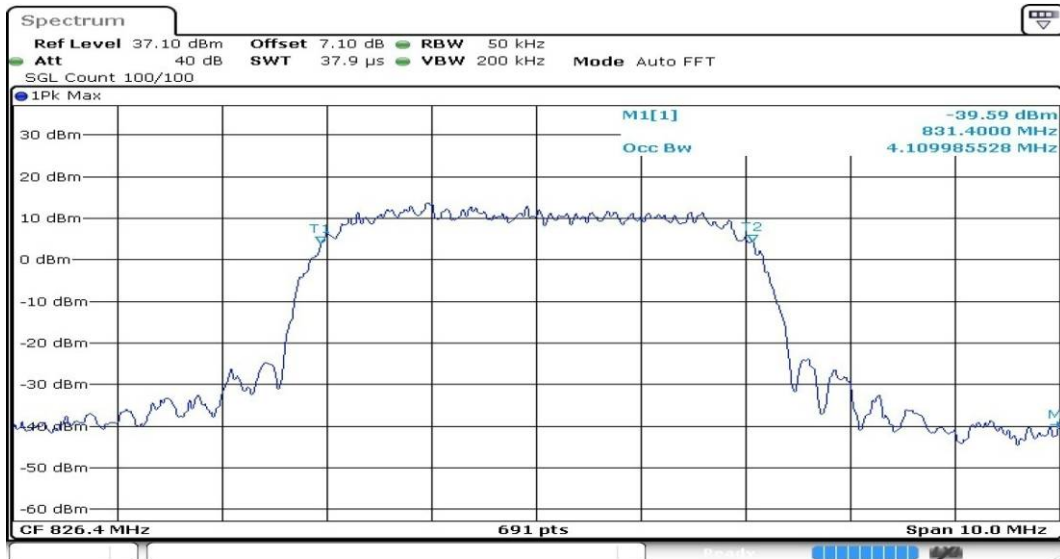
Channel 4183



Date: 25.DEC.2020 11:44:49

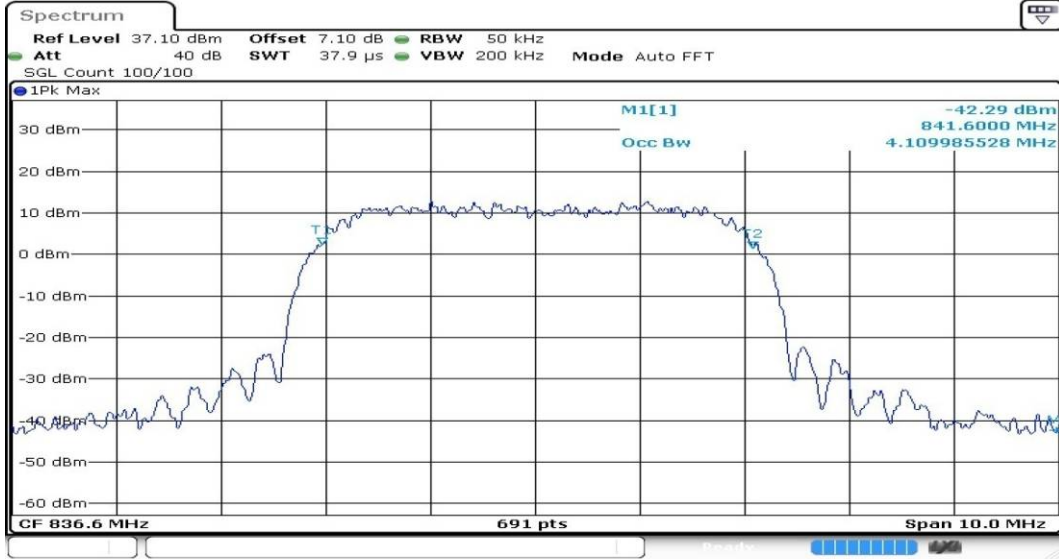
Channel 4233

HSDPA Mode:



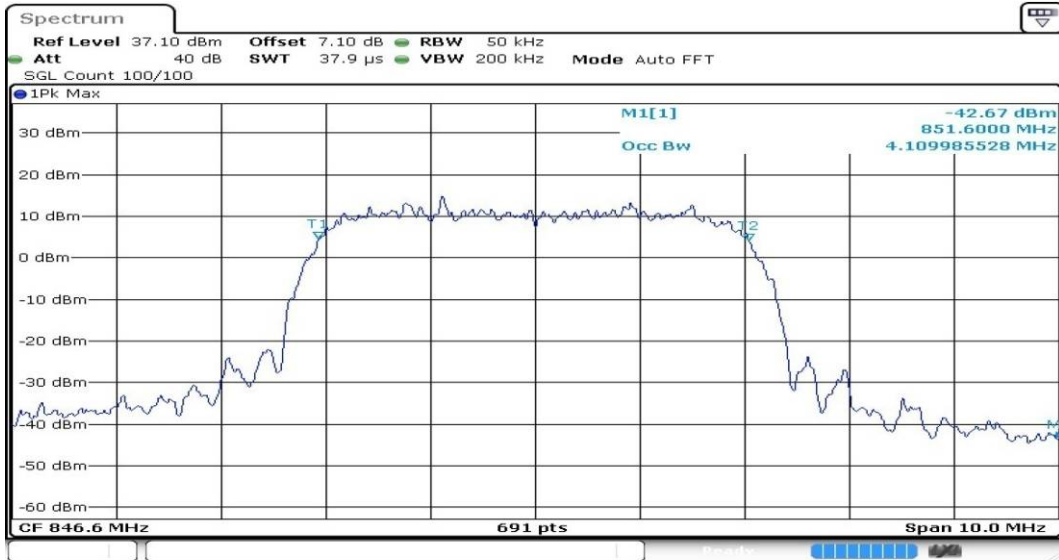
Date: 25.DEC.2020 11:58:36

Channel 4132



Date: 25.DEC.2020 12:01:55

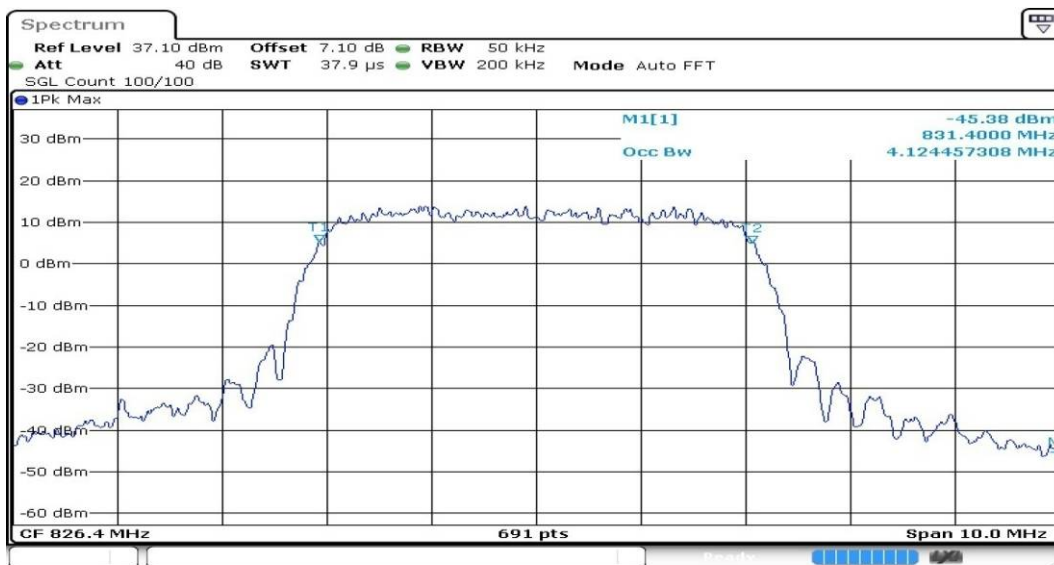
Channel 4183



Date: 25.DEC.2020 12:05:04

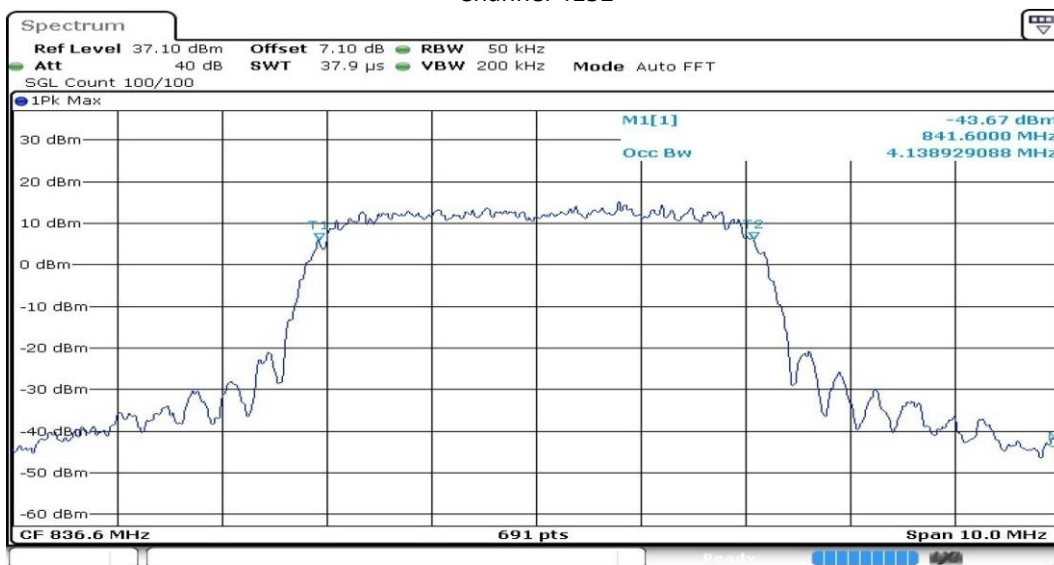
Channel 4233

HSUPA Mode:



Date: 25. DEC. 2020 12:24:46

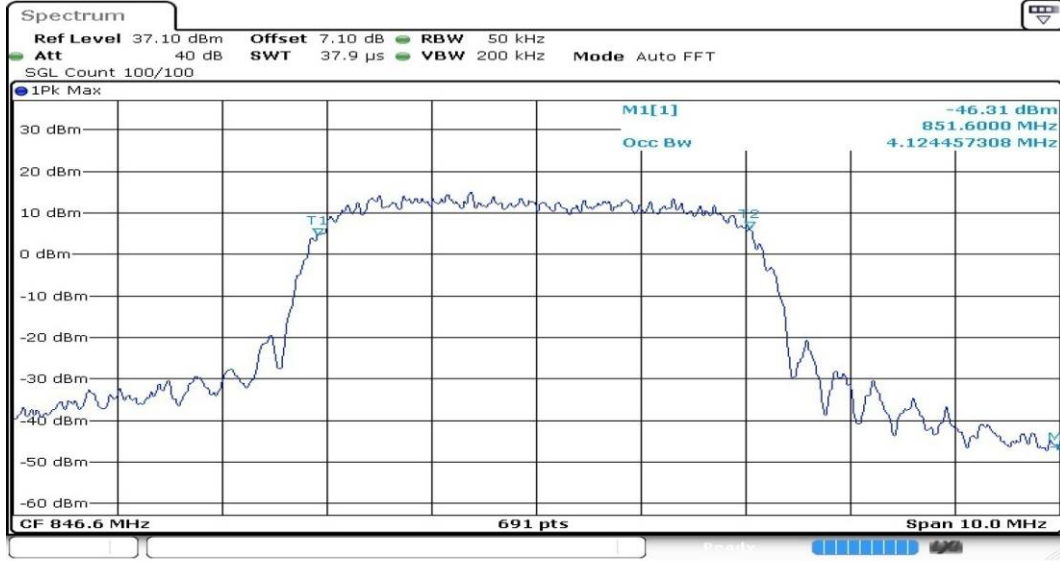
Channel 4132



Date: 25. DEC. 2020 12:28:49

Channel 4183





Date: 25.DEC.2020 12:32:54

Channel 4233

## Emission Bandwidth

WCDMA band V

REL99 Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.69
836.6	4183	4.69
846.6	4233	4.67

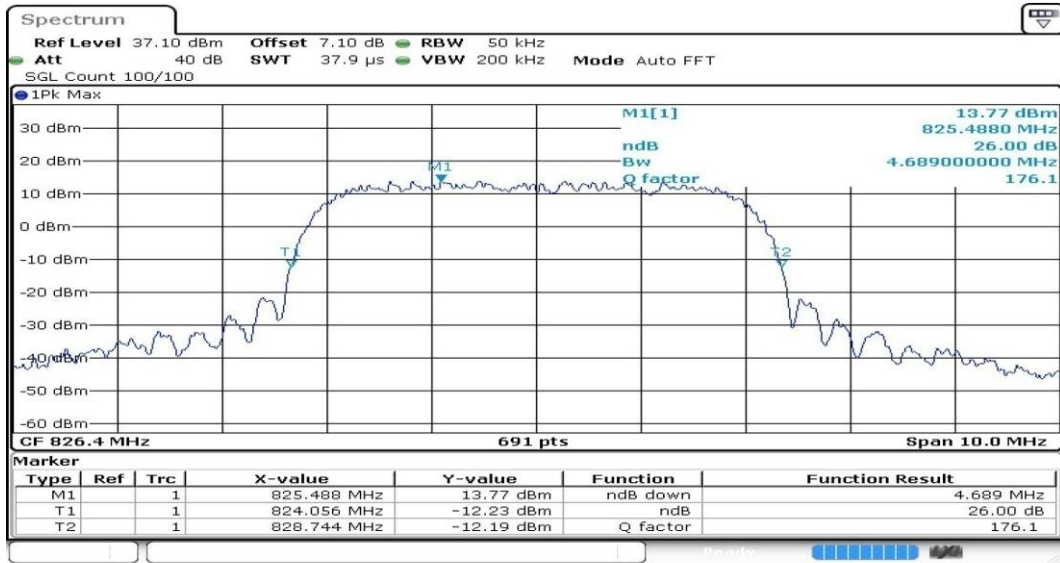
HSDPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.67
836.6	4183	4.67
846.6	4233	4.70

HSUPA Mode:

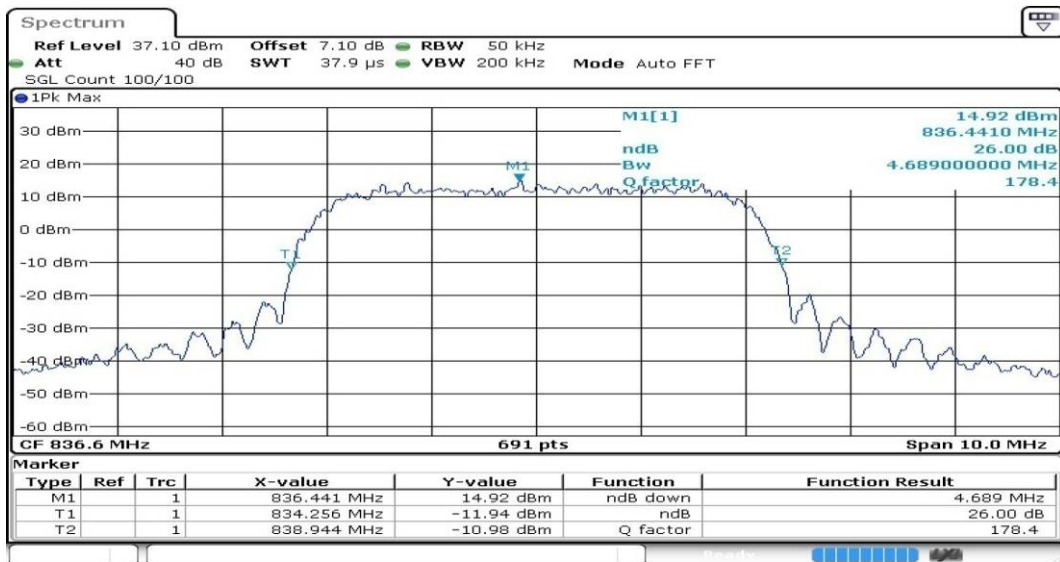
Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.67
836.6	4183	4.70
846.6	4233	4.66

WCDMA band V  
REL99 Mode:



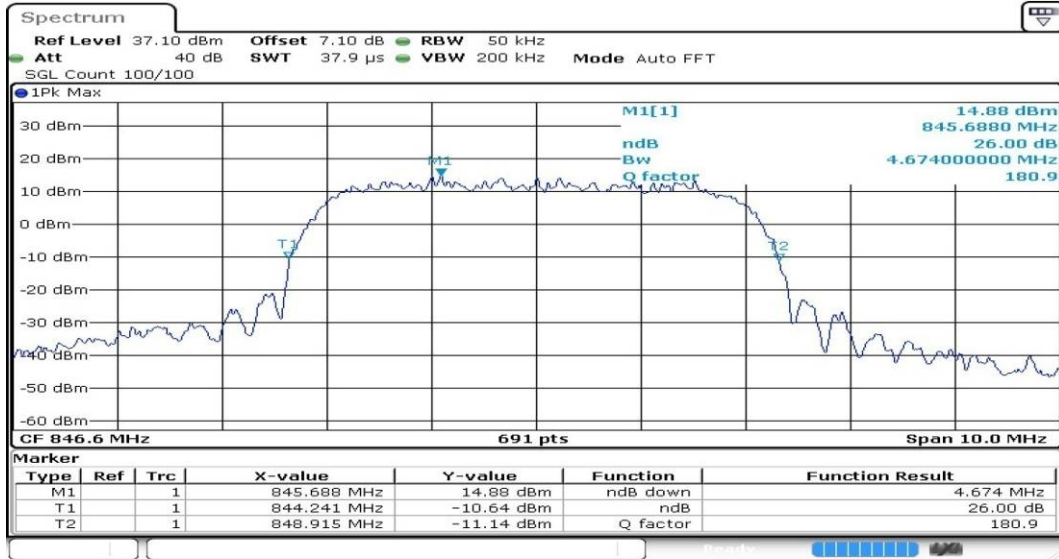
Date: 25.DEC.2020 11:43:16

Channel 4132



Date: 25.DEC.2020 11:44:08

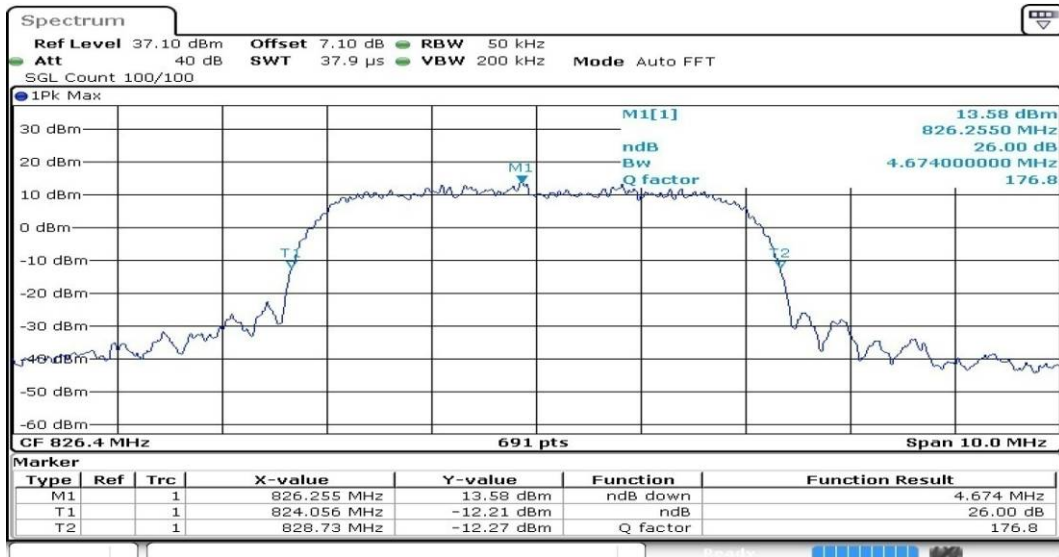
Channel 4183



Date: 25.DEC.2020 11:44:53

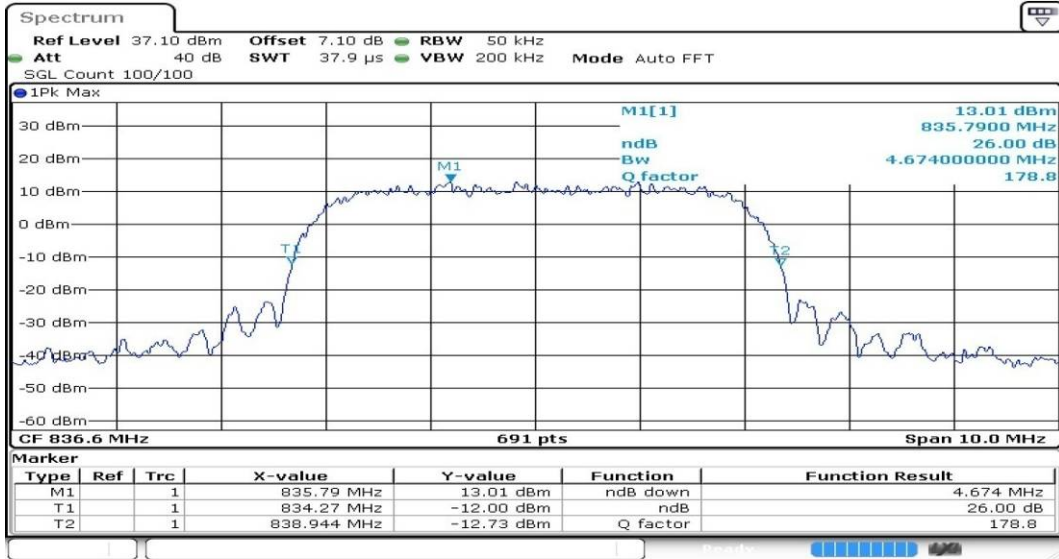
Channel 4233

HSDPA Mode:



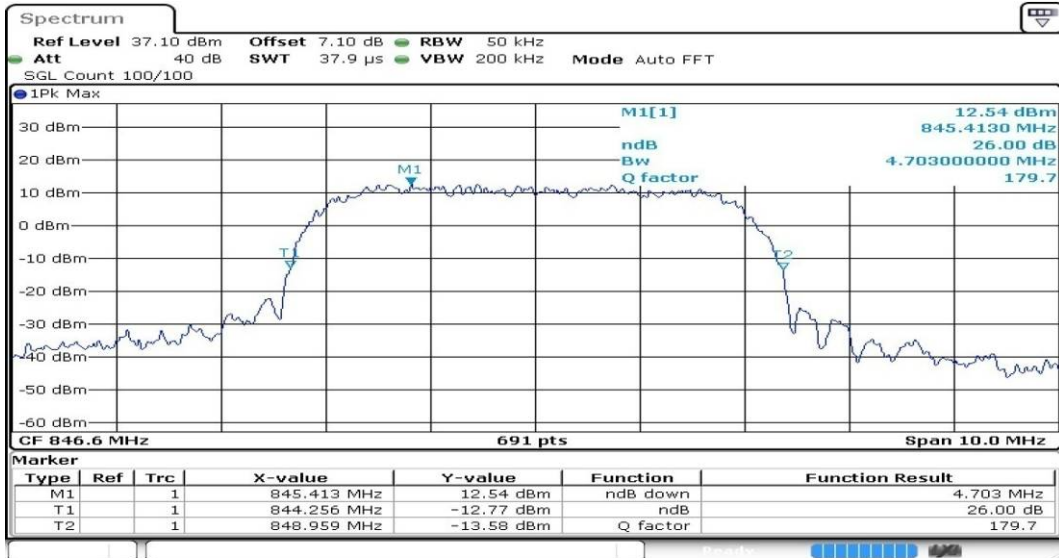
Date: 25.DEC.2020 11:58:40

Channel 4132



Date: 25.DEC.2020 12:01:59

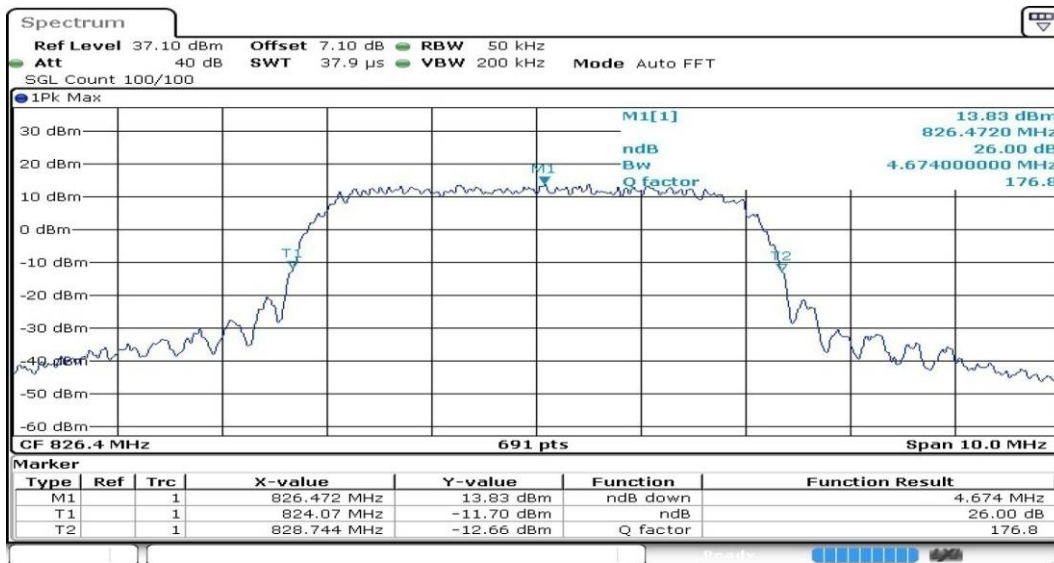
Channel 4183



Date: 25.DEC.2020 12:05:08

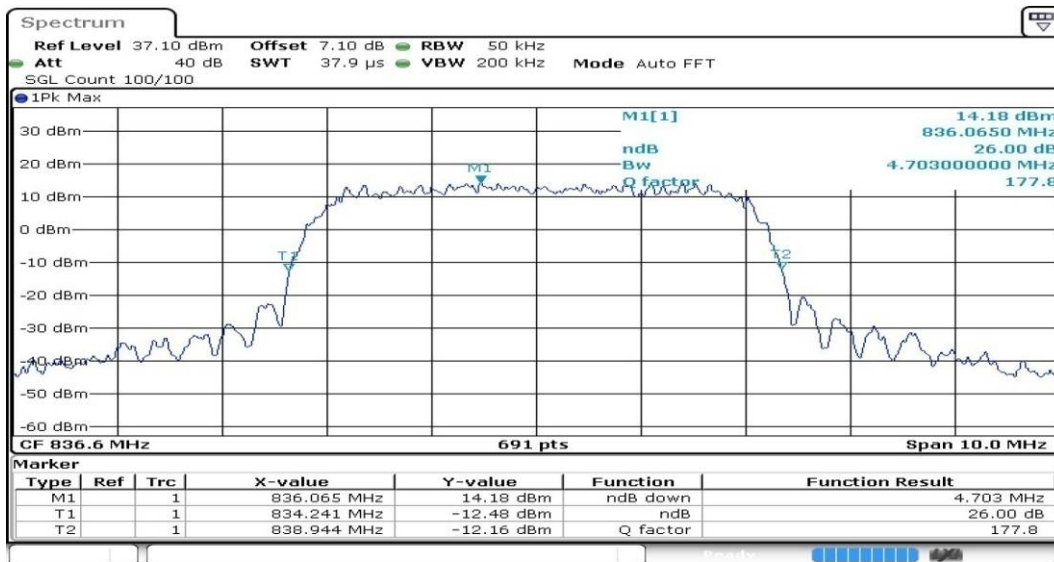
Channel 4233

HSUPA Mode:



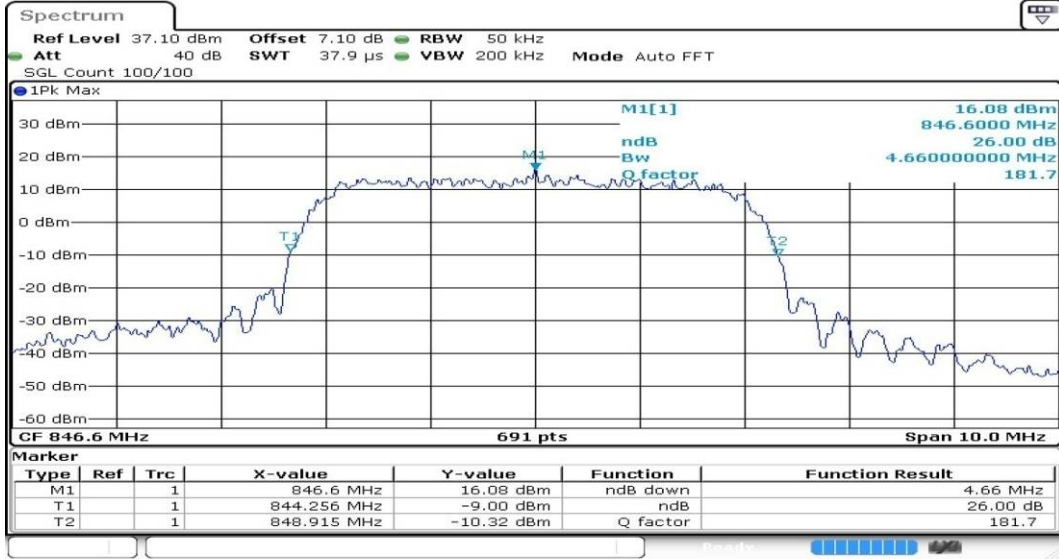
Date: 25.DEC.2020 12:24:50

Channel 4132



Date: 25.DEC.2020 12:28:53

Channel 4183



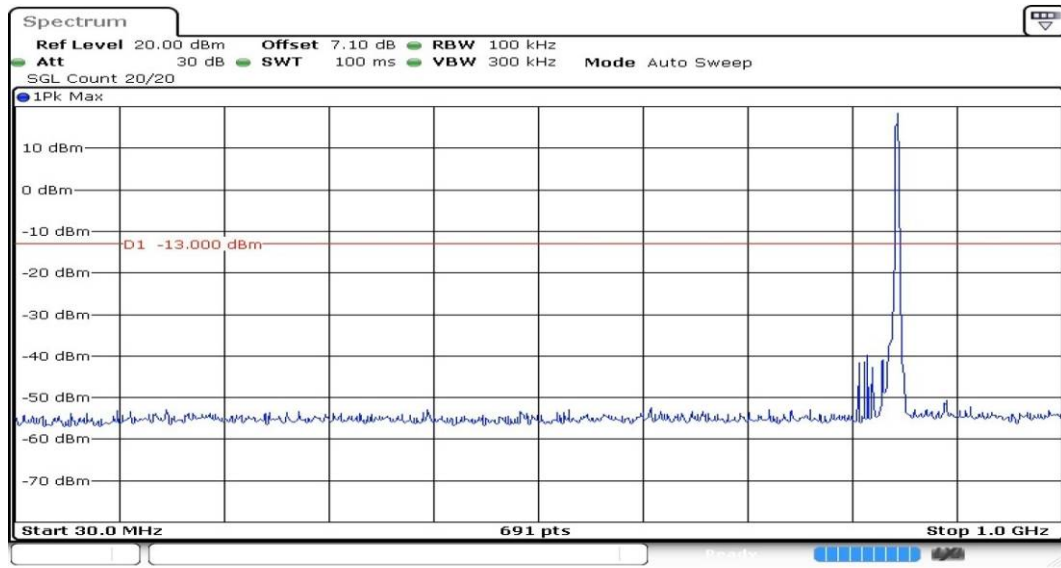
Date: 25.DEC.2020 12:32:58

Channel 4233

### Spurious Emissions at antenna terminal

WCDMA band V

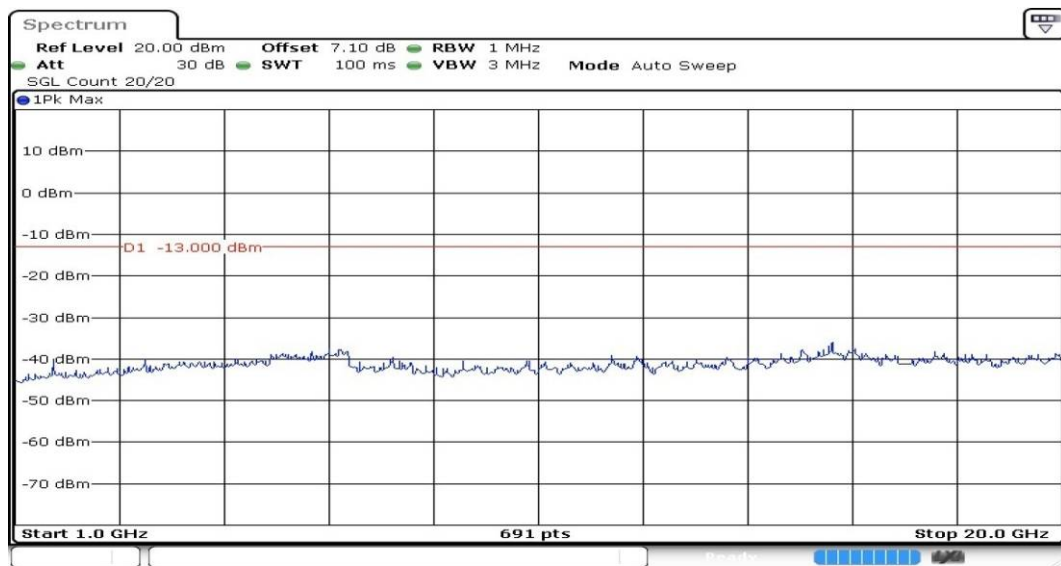
REL99 Mode:



Date: 25.DEC.2020 11:45:10

Channel 4183 30MHz~1GHz

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

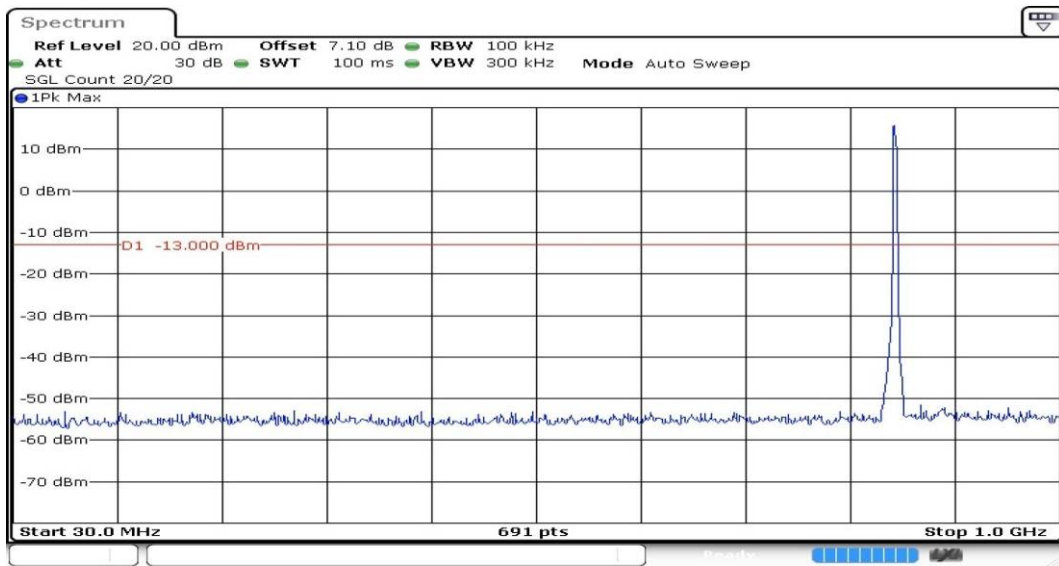


Date: 25.DEC.2020 11:45:20

Channel 4183 1GHz~20GHz



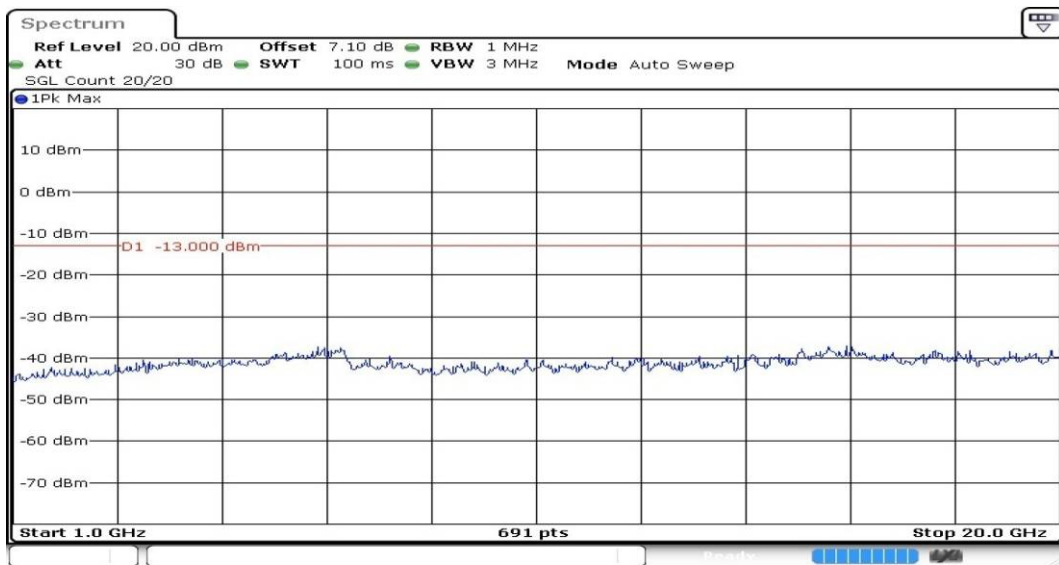
HSDPA Mode:



Date: 25. DEC. 2020 12:05:25

Channel 4183 30MHz~1GHz

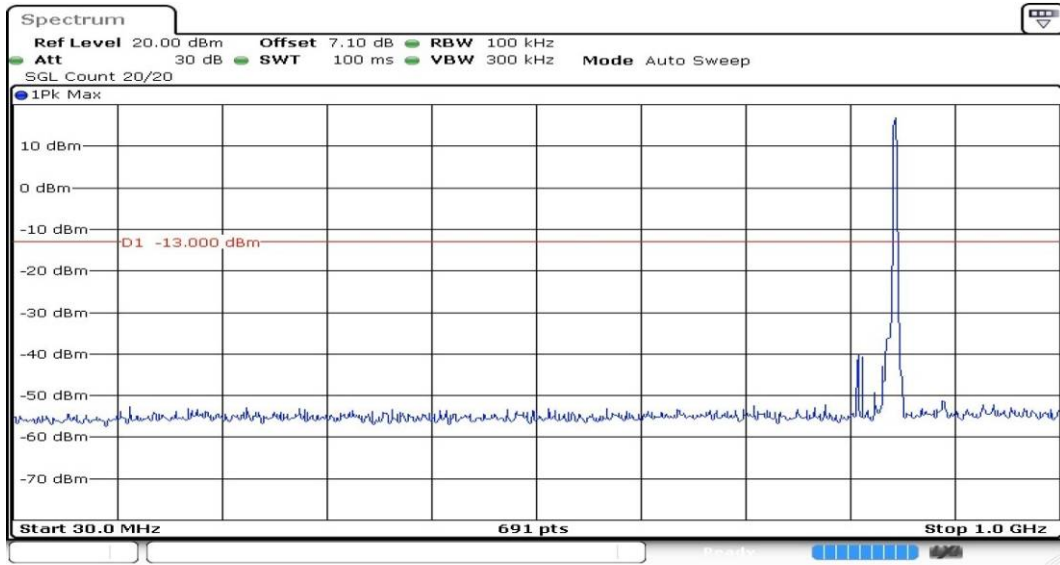
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 25. DEC. 2020 12:05:35

Channel 4183 1GHz~20GHz

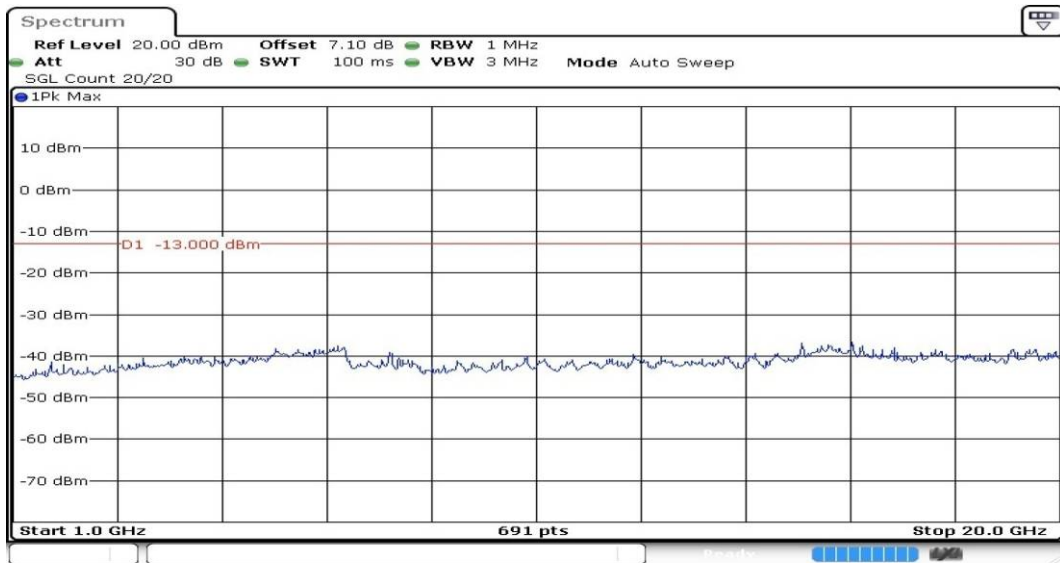
HSUPA Mode:



Date: 25. DEC. 2020 12:33:15

Channel 4183 30MHz~1GHz

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



Date: 25. DEC. 2020 12:33:24

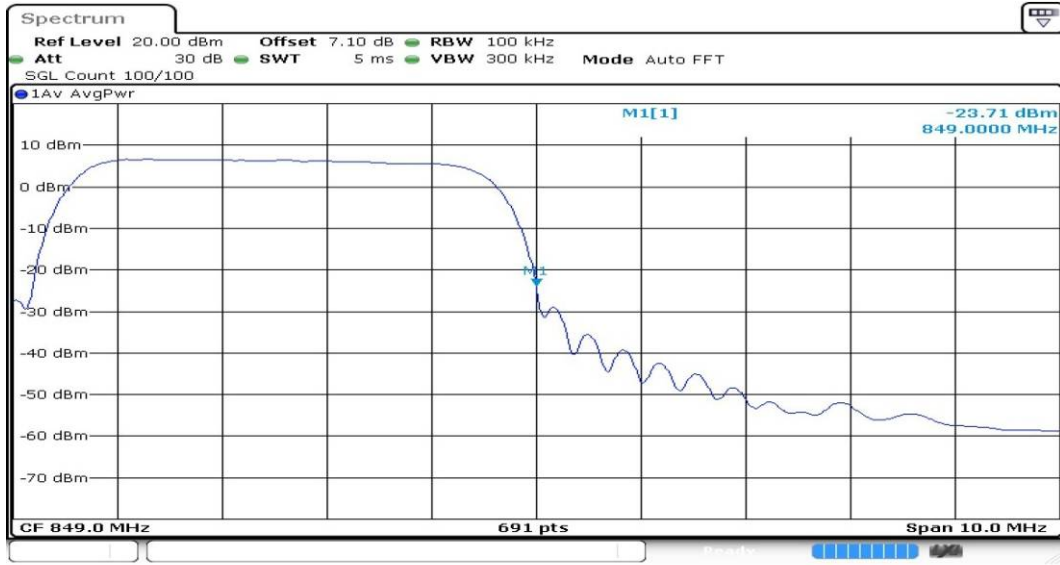
Channel 4183 1GHz~20GHz

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



Date: 25.DEC.2020 12:25:25

Channel 4132



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

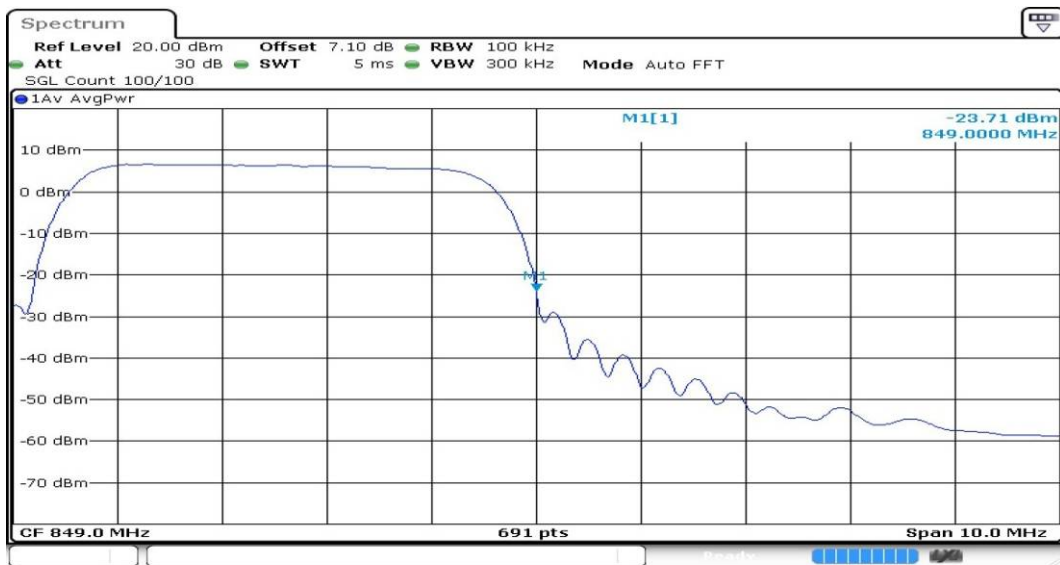
Channel 4233

HSDPA Mode:



Date: 25.DEC.2020 12:25:25

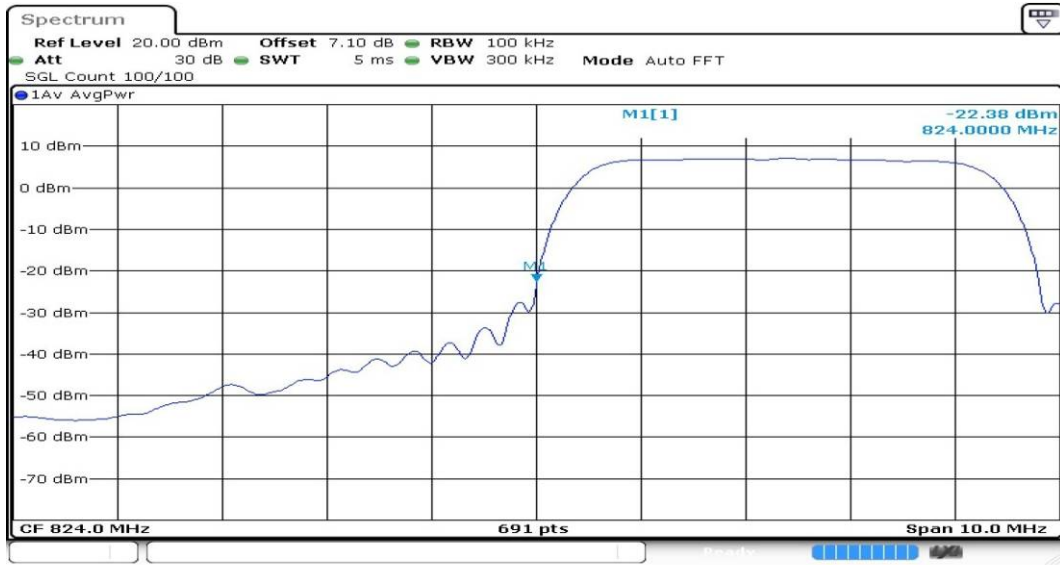
Channel 4132



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

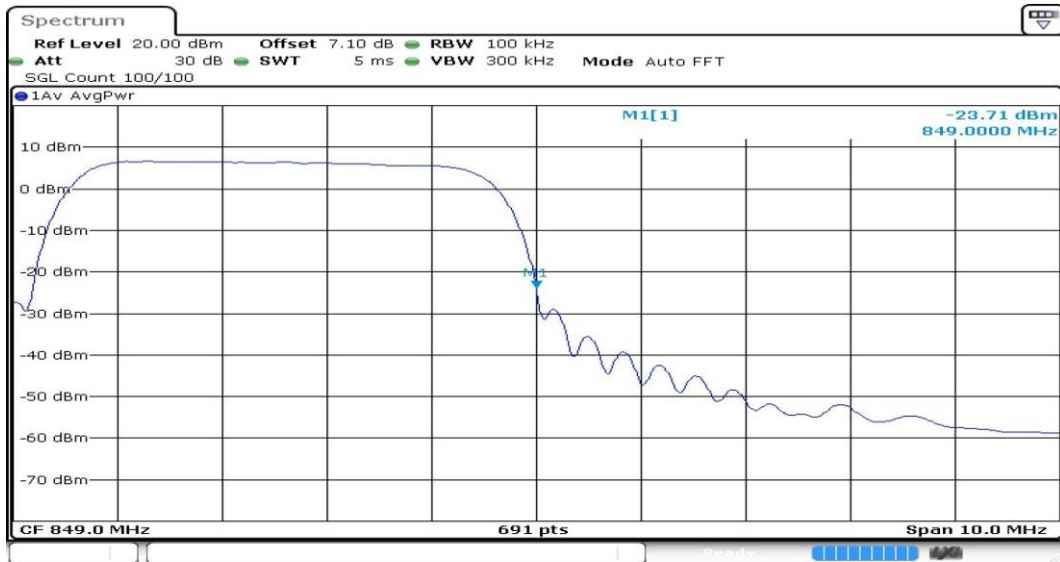
Channel 4233

HSUPA Mode:



Date: 25.DEC.2020 12:25:25

Channel 4132



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

Channel 4233

## Frequency Stability

WCDMA band V

REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-20	0.000	0.000	0.000
-10	0.000	0.000	0.000
0	0.000	0.000	0.000
+10	0.000	0.000	0.000
+20	0.000	0.000	0.000
+30	0.000	0.000	0.000
+40	0.000	0.000	-0.001
+50	0.000	0.000	0.000
+60	0.000	0.000	0.000
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	0.000	0.000	0.000
HV	0.000	0.000	0.000

HSDPA Mode:

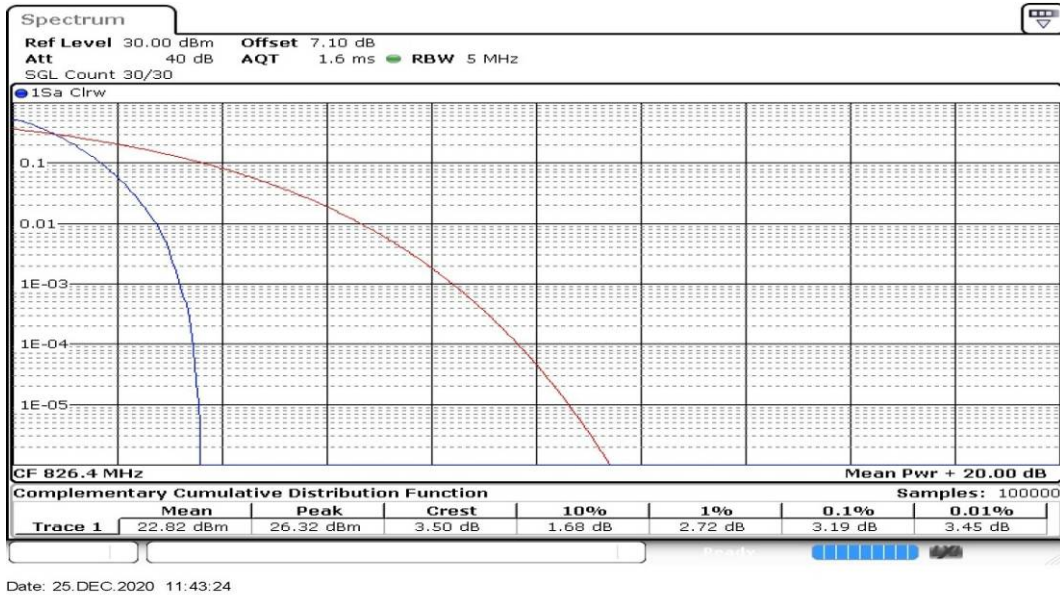
Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-20	0.000	-0.002	-0.001
-10	0.001	0.000	-0.001
0	0.000	-0.002	-0.001
+10	0.000	-0.002	-0.001
+20	0.000	0.000	0.000
+30	0.000	-0.002	-0.001
+40	0.000	-0.002	0.000
+50	0.001	-0.002	0.000
+60	0.000	0.000	0.000
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	0.001	-0.002	-0.001
HV	0.000	-0.002	-0.001

HSUPA Mode:

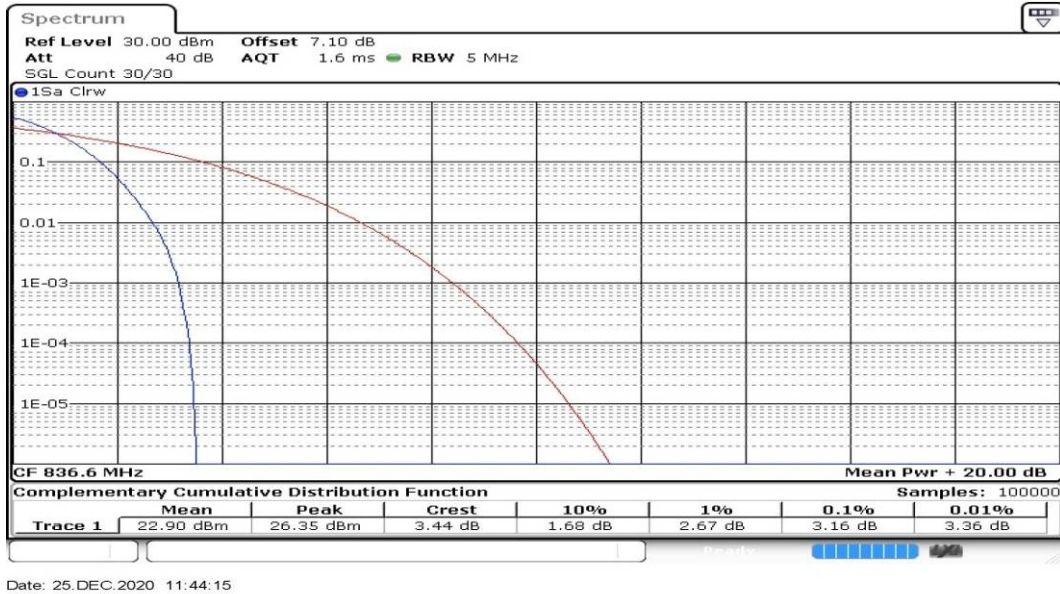
Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-20	0.001	0.000	0.000
-10	0.001	-0.001	0.000
0	0.001	-0.001	0.000
+10	0.001	-0.001	0.000
+20	0.000	0.000	0.000

+30	0.001	-0.001	0.000
+40	0.001	-0.001	0.000
+50	0.001	-0.001	0.000
+60	0.001	-0.001	0.000
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	0.001	-0.001	0.000
HV	0.001	-0.001	0.000

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

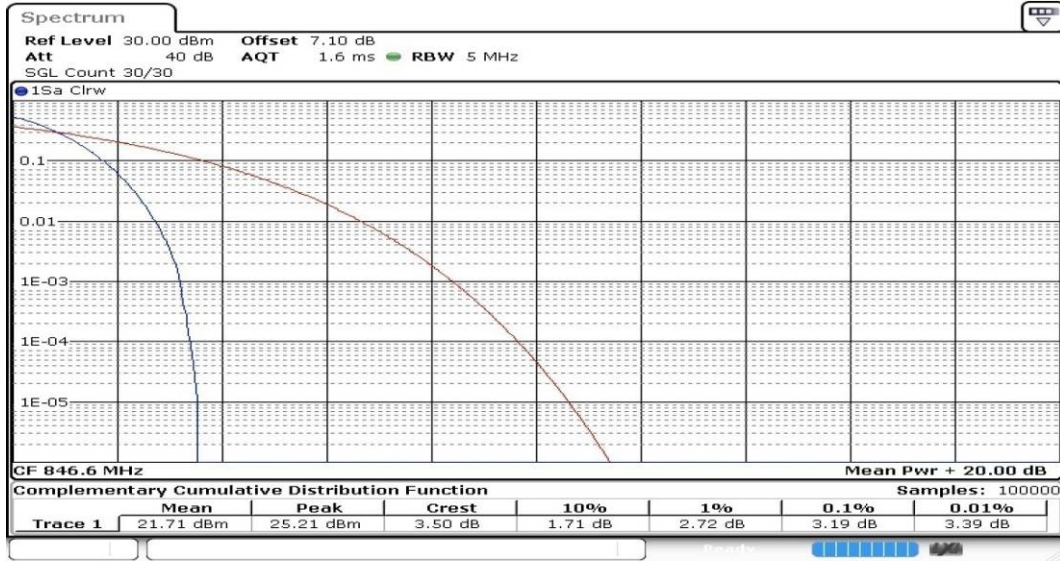


Channel 4132



Channel 4183

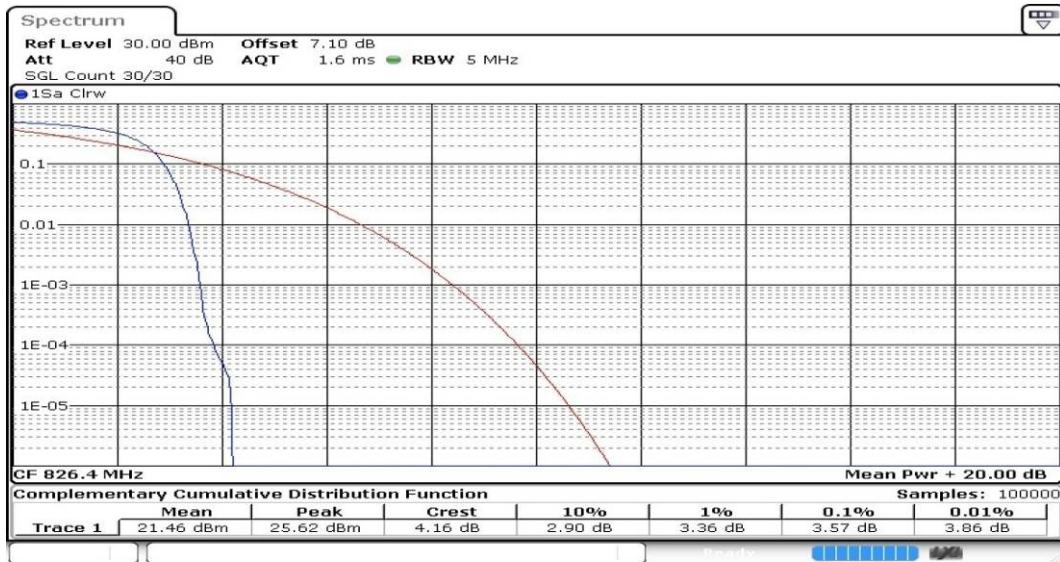




Date: 25.DEC.2020 11:45:00

Channel 4233

HSDPA Mode:



Date: 25.DEC.2020 11:58:47

Channel 4132