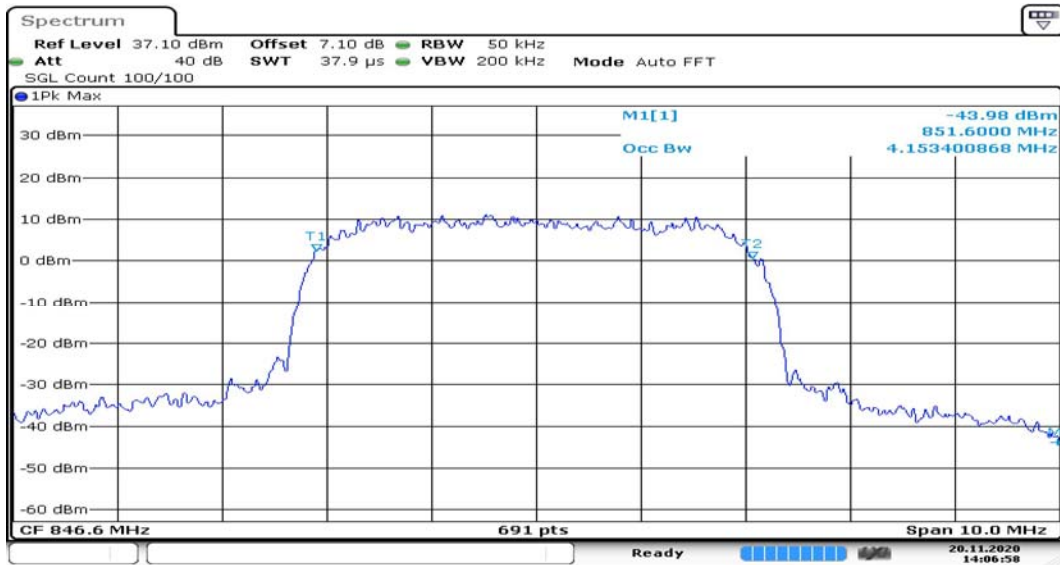




Date: 20.NOV.2020 14:04:23

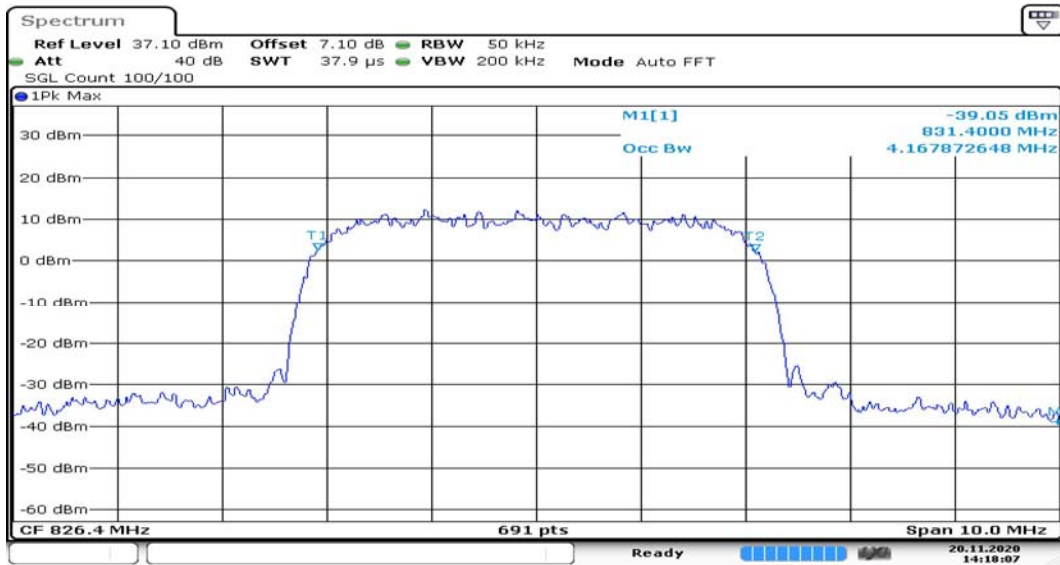
Channel 4183



Date: 20.NOV.2020 14:06:58

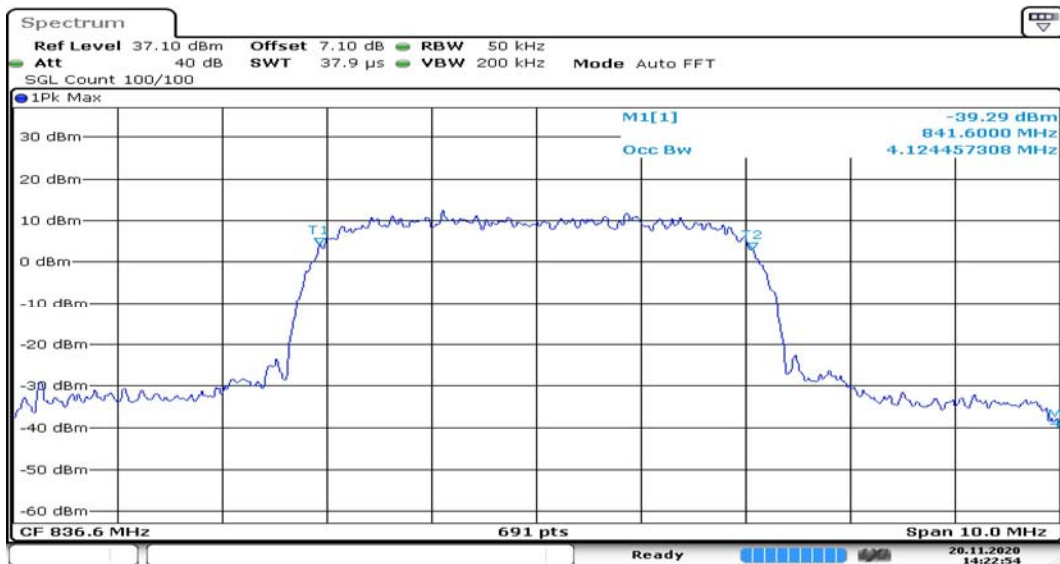
Channel 4233

HSUPA Mode:



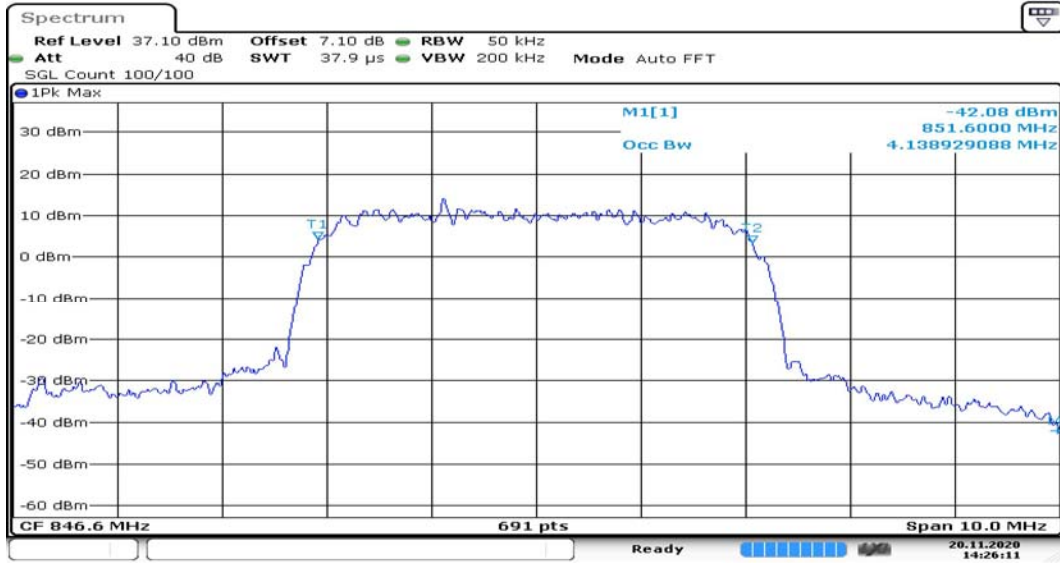
Date: 20.NOV.2020 14:18:08

Channel 4132



Date: 20.NOV.2020 14:22:54

Channel 4183



Date: 20. NOV. 2020 14:26:11

Channel 4233

Emission Bandwidth

REL99 Mode:

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

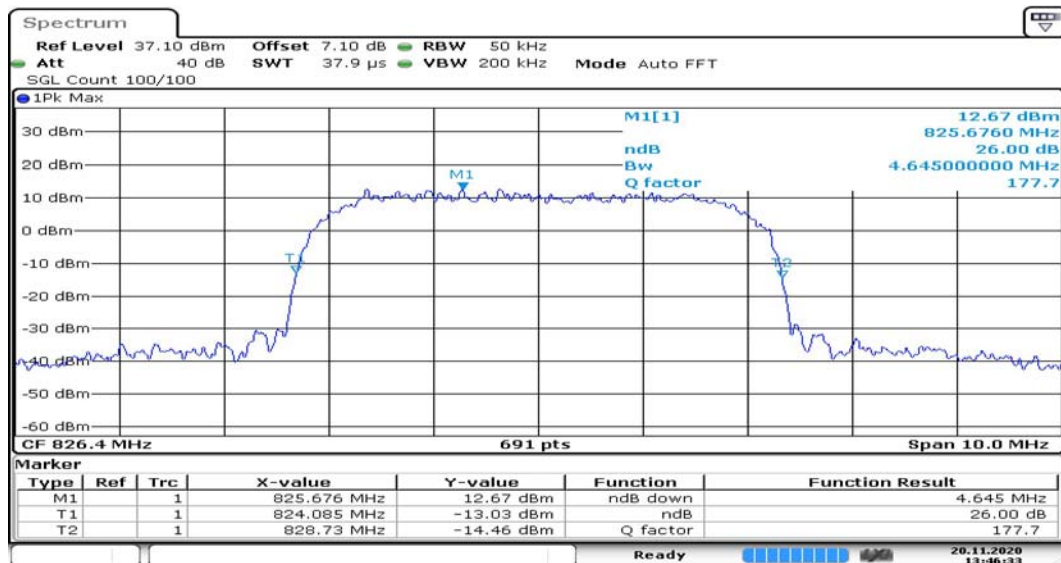
HSDPA Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.65
836.6	4183	4.63
846.6	4233	4.62

HSUPA Mode:

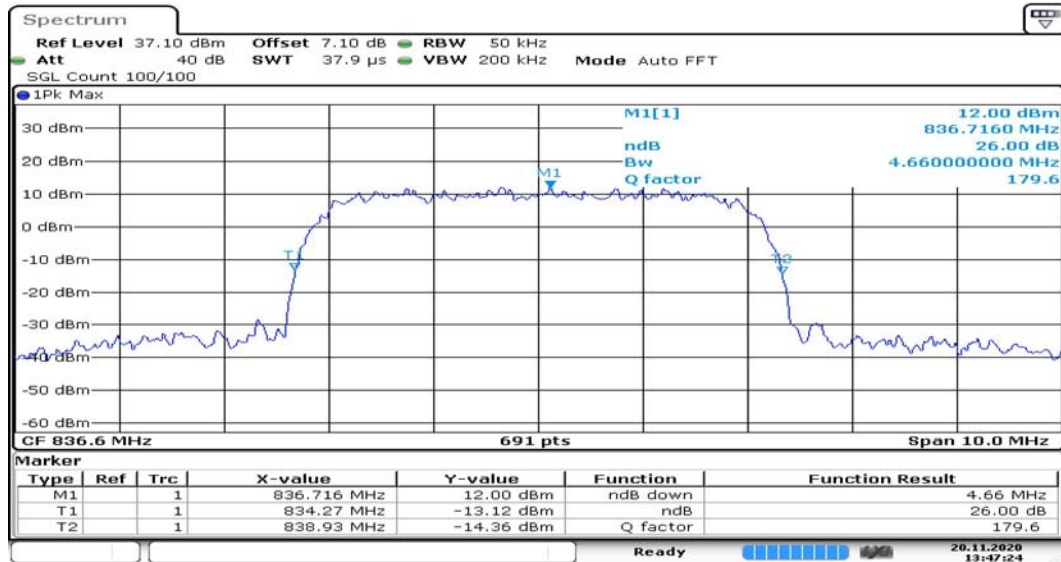
Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.63
836.6	4183	4.65
846.6	4233	4.65

REL99 Mode:



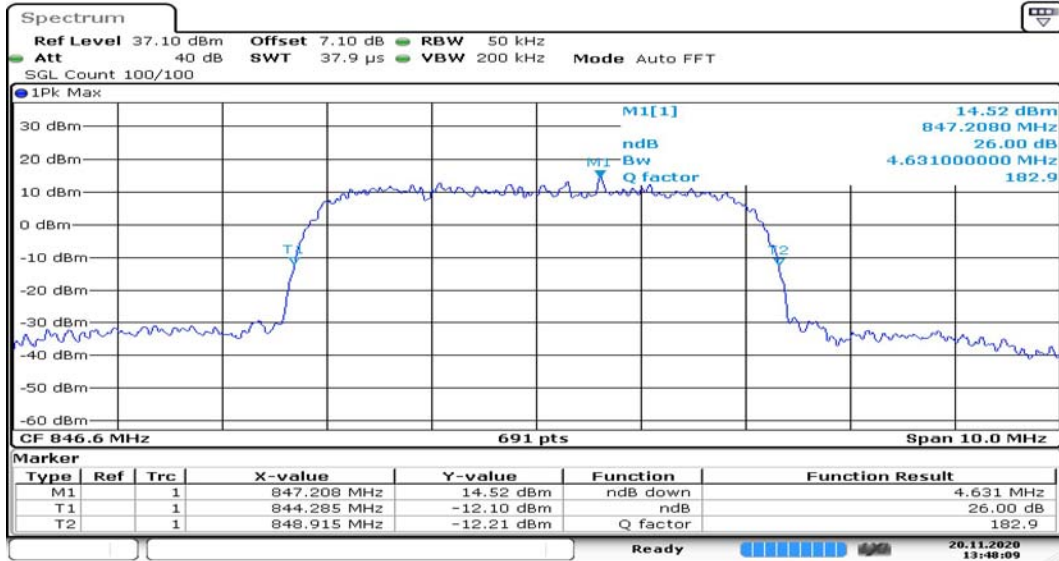
Date: 20.NOV.2020 13:46:33

Channel 4132



Date: 20.NOV.2020 13:47:25

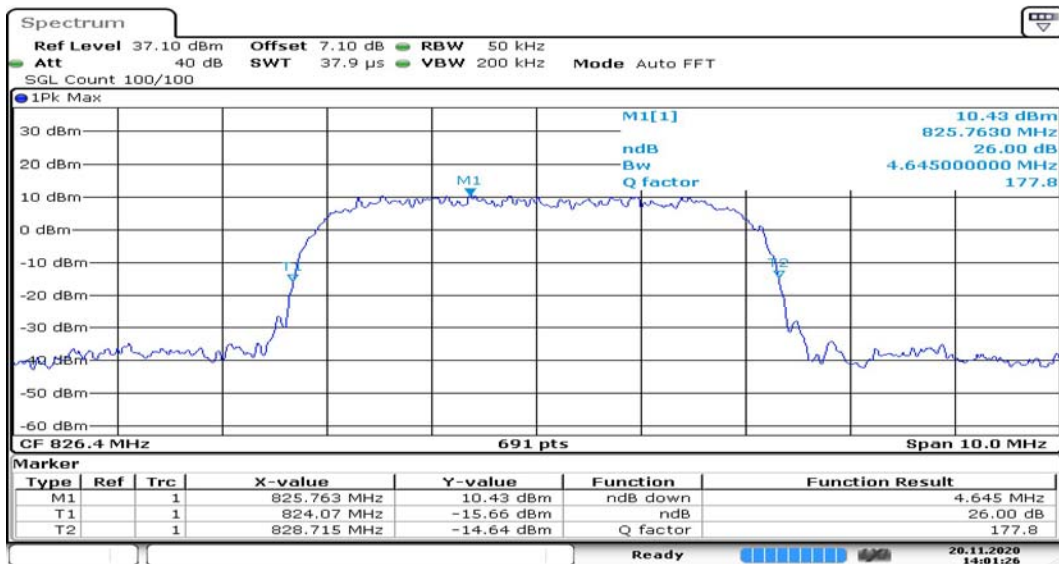
Channel 4183



Date: 20.NOV.2020 13:48:10

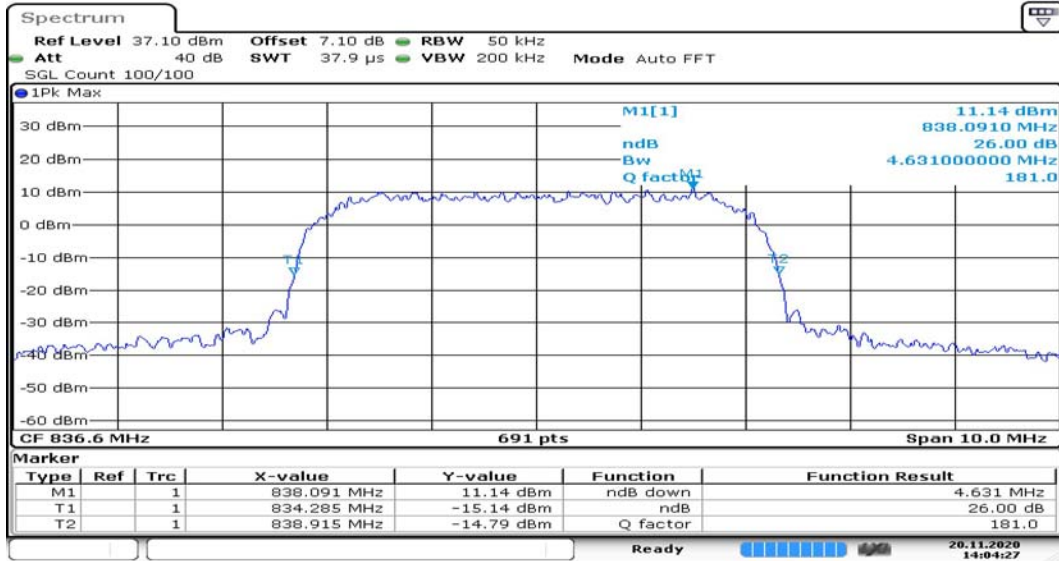
Channel 4233

HSDPA Mode:



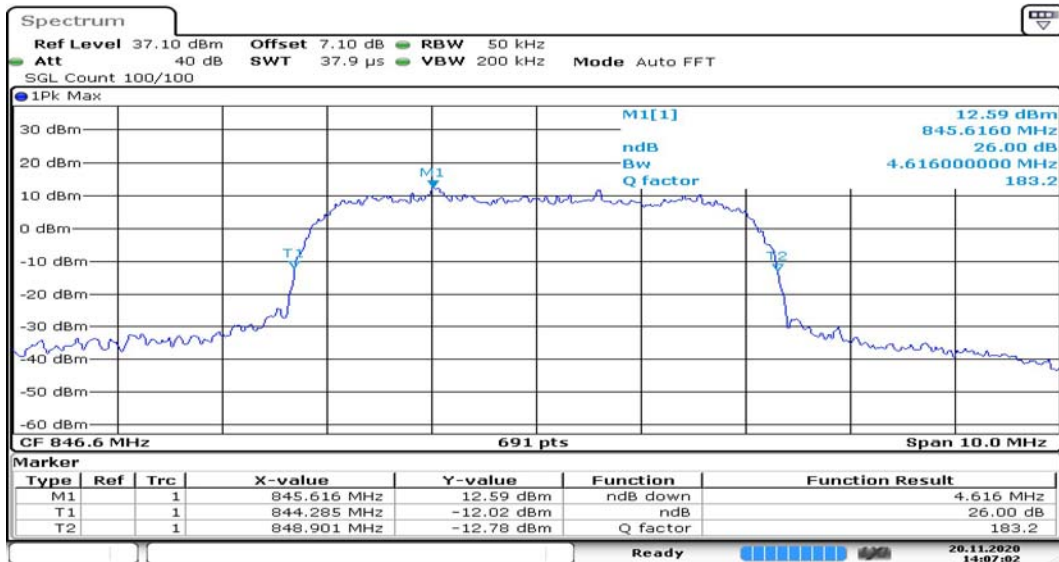
Date: 20.NOV.2020 14:01:26

Channel 4132



Date: 20.NOV.2020 14:04:27

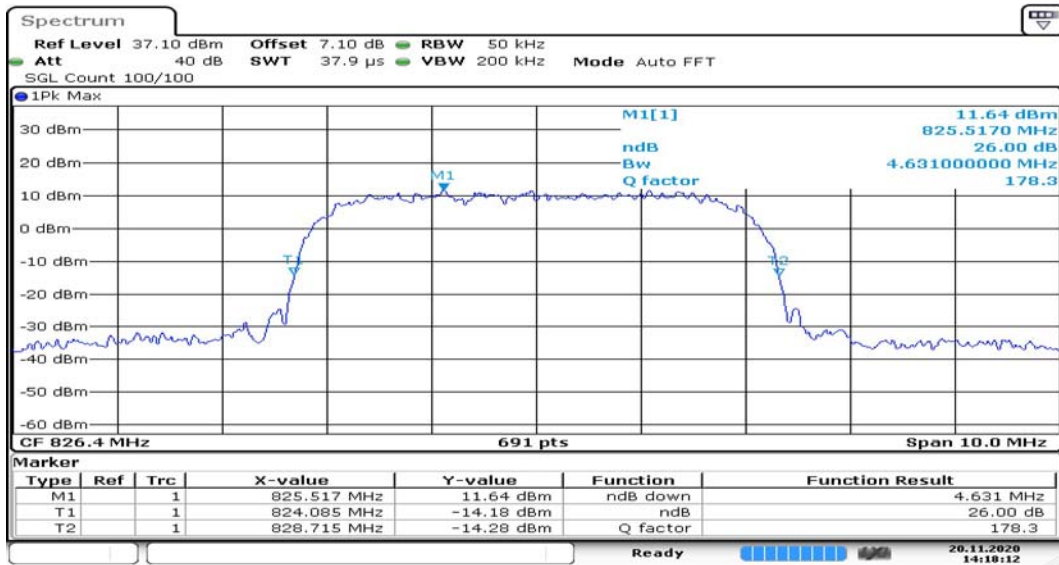
Channel 4183



Date: 20.NOV.2020 14:07:02

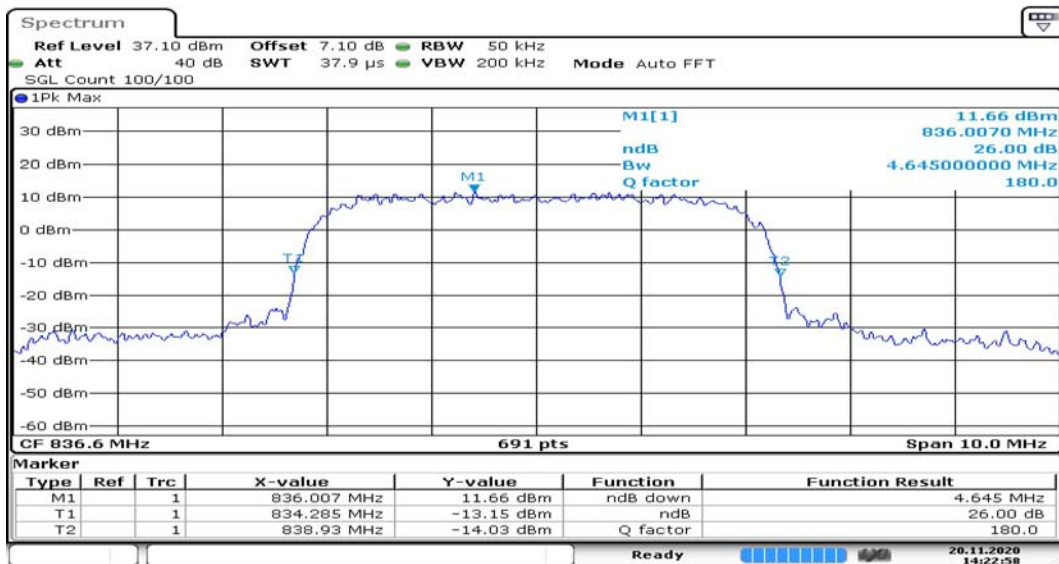
Channel 4233

HSUPA Mode:



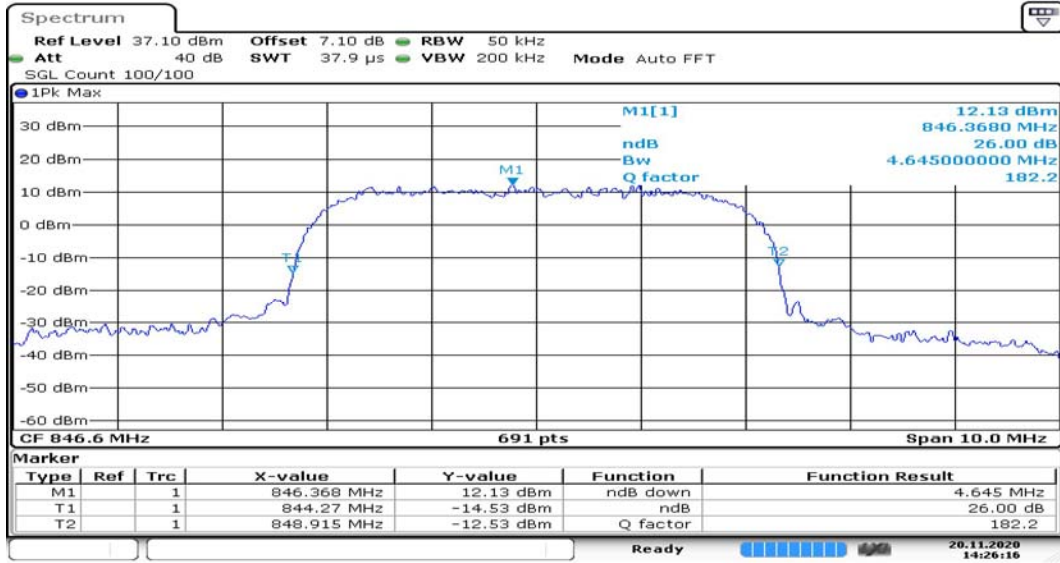
Date: 20.NOV.2020 14:18:12

Channel 4132



Date: 20.NOV.2020 14:22:59

Channel 4183

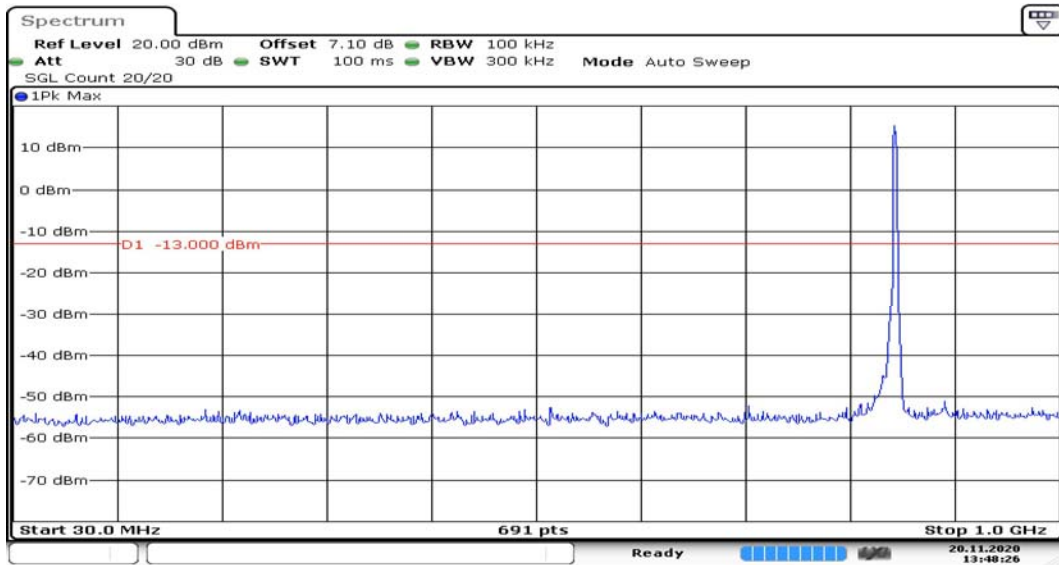


Date: 20.NOV.2020 14:26:15

Channel 4233

Spurious Emissions at antenna terminal

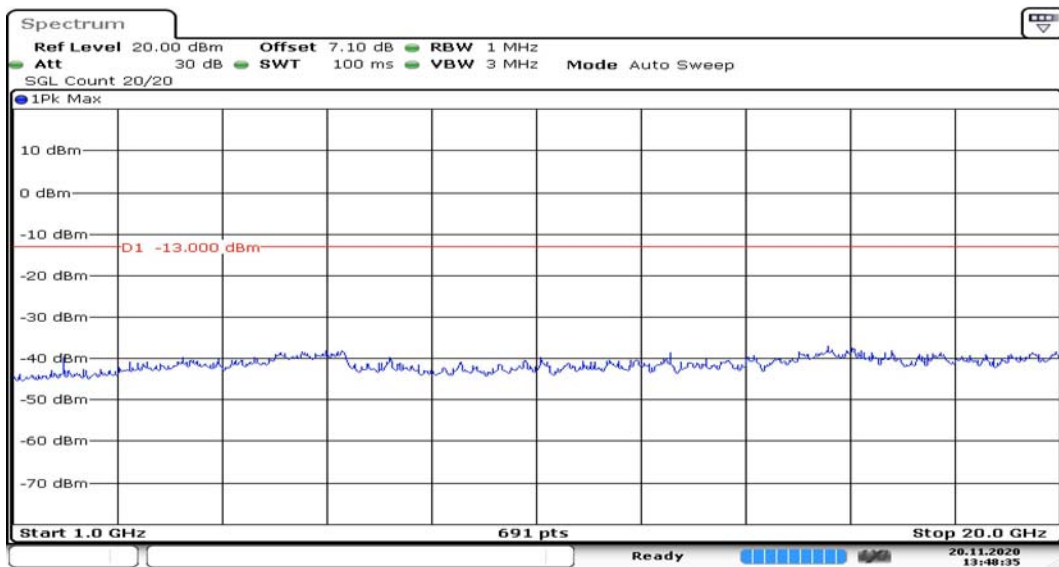
REL99 Mode:



Date: 20.NOV.2020 13:48:27

Channel 4183 30MHz~1GHz

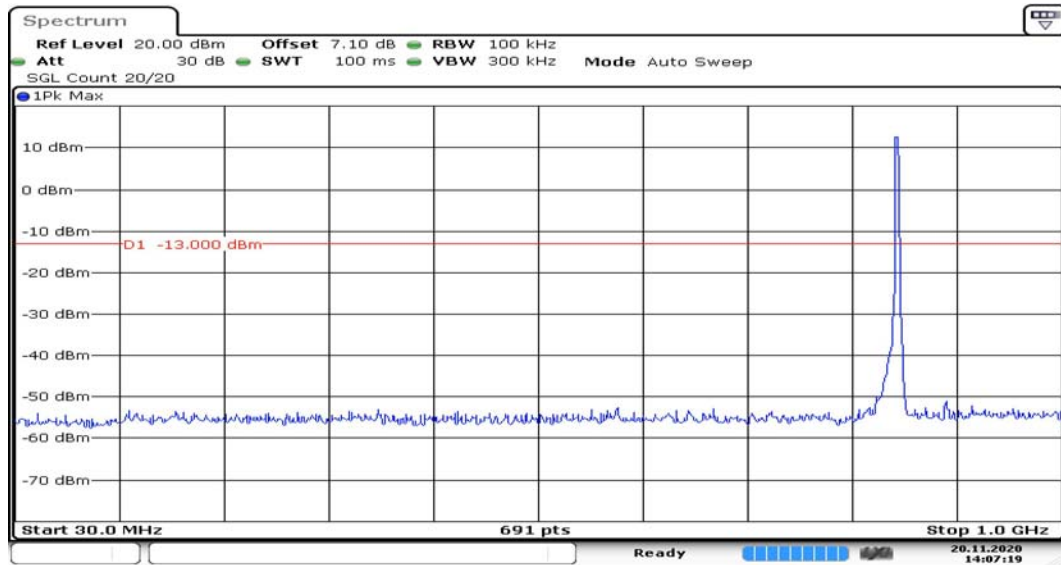
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 20.NOV.2020 13:48:36

Channel 4183 1GHz~20GHz

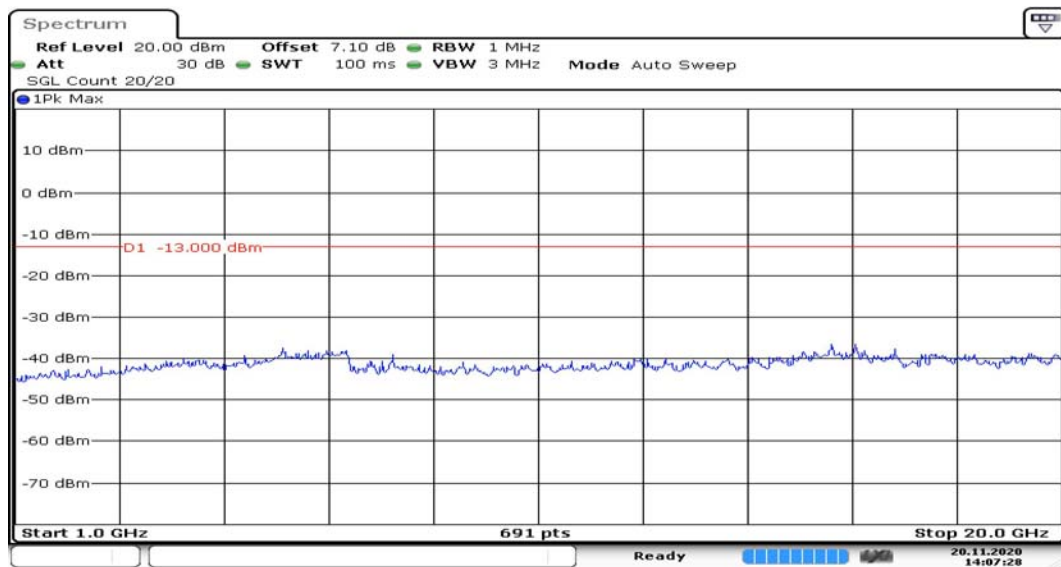
HSDPA Mode:



Date: 20.NOV.2020 14:07:19

Channel 4183 30MHz~1GHz

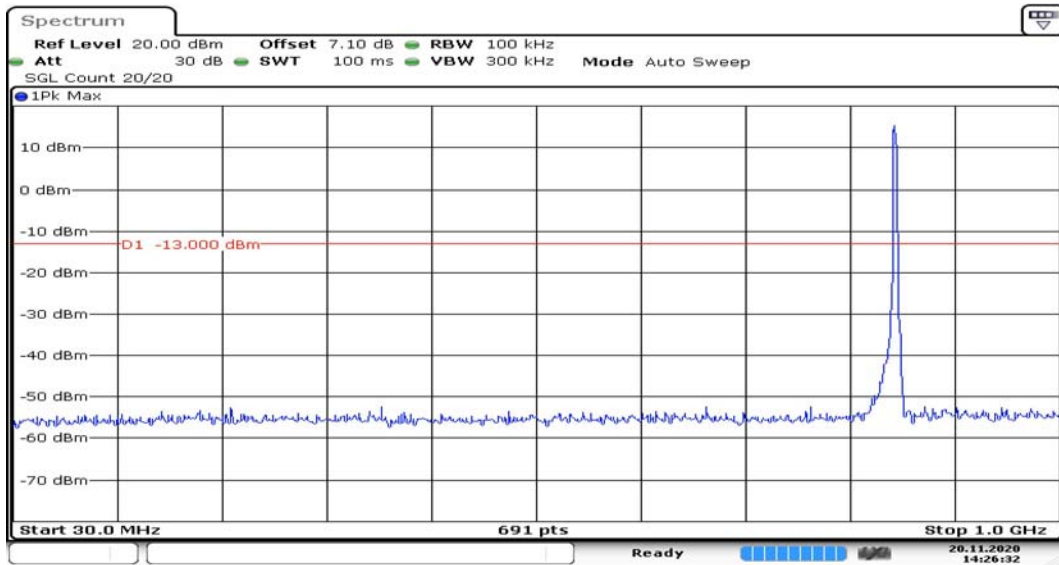
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 20.NOV.2020 14:07:28

Channel 4183 1GHz~20GHz

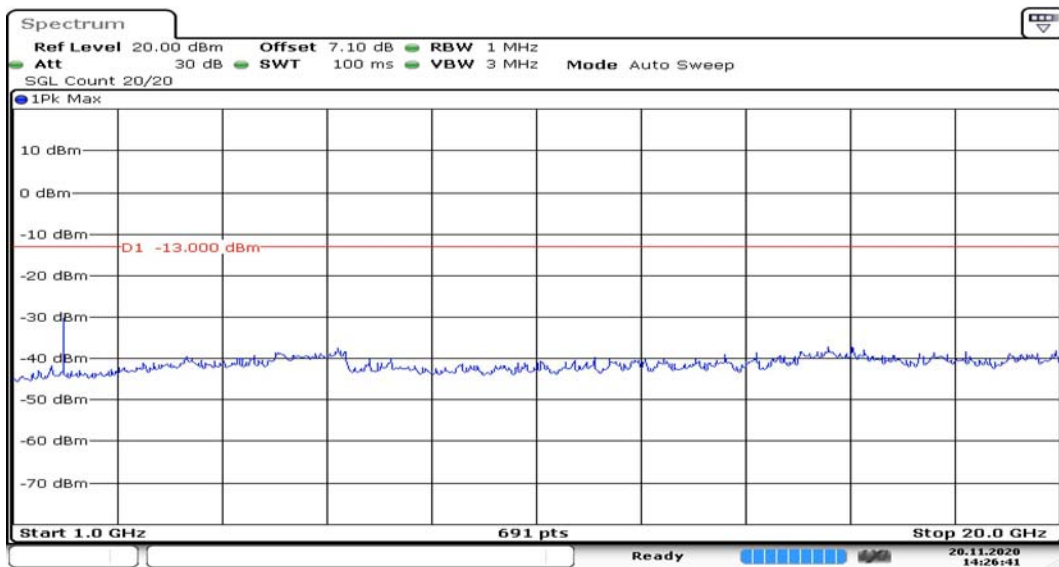
HSUPA Mode:



Date: 20.NOV.2020 14:26:32

Channel 4183 30MHz~1GHz

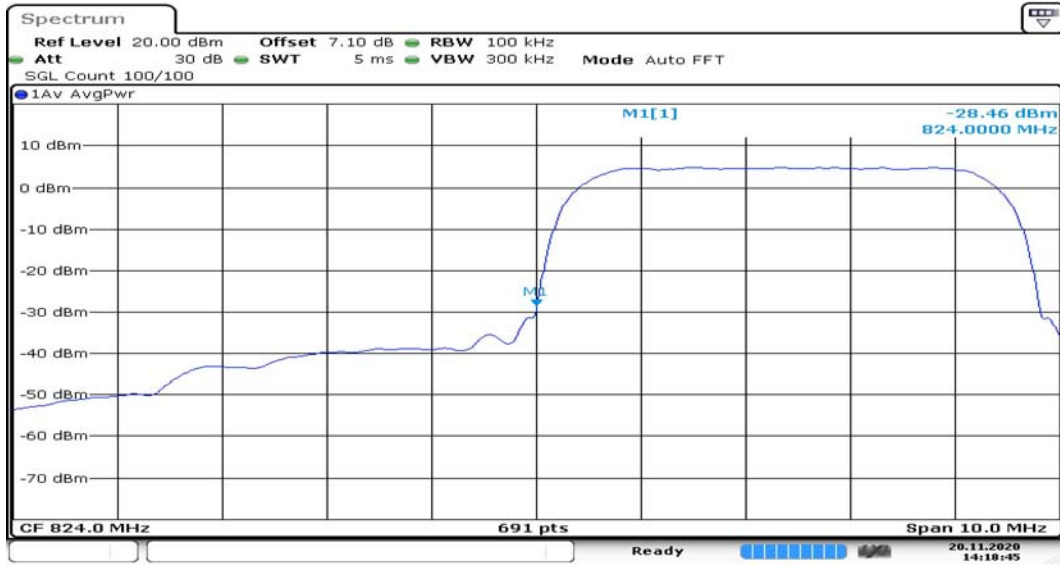
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 20.NOV.2020 14:26:41

Channel 4183 1GHz~20GHz

Band Edges Compliance
REL99 Mode:



Date: 20.NOV.2020 14:18:46

Channel 4132



Date: 20.NOV.2020 14:26:50

Channel 4233

HSDPA Mode:



Date: 20.NOV.2020 14:18:46

Channel 4132



Date: 20.NOV.2020 14:26:50

Channel 4233

HSUPA Mode:



Date: 20.NOV.2020 14:18:46

Channel 4132



Date: 20.NOV.2020 14:26:50

Channel 4233

Frequency Stability

WCDMA band V

REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
0	0.002	0.001	-0.003
+10	-0.001	0.004	0.002
+20	0.000	0.000	0.000
+30	-0.001	0.001	0.009
+40	0.001	0.004	0.003
+50	0.001	-0.001	0.001
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	0.002	-0.001	-0.001
HV	0.002	0.003	0.002

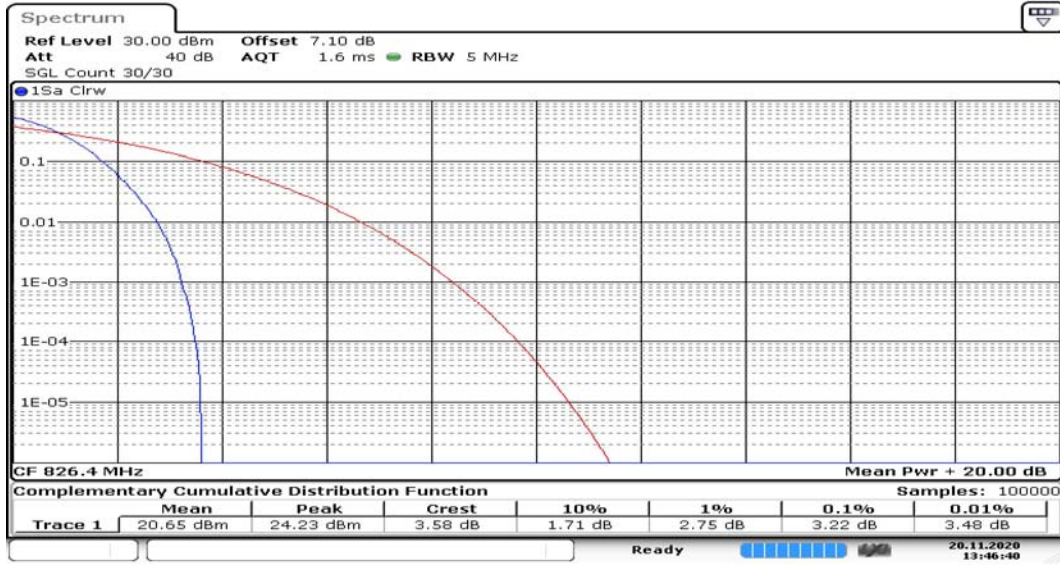
HSDPA Mode:

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

HSUPA Mode:

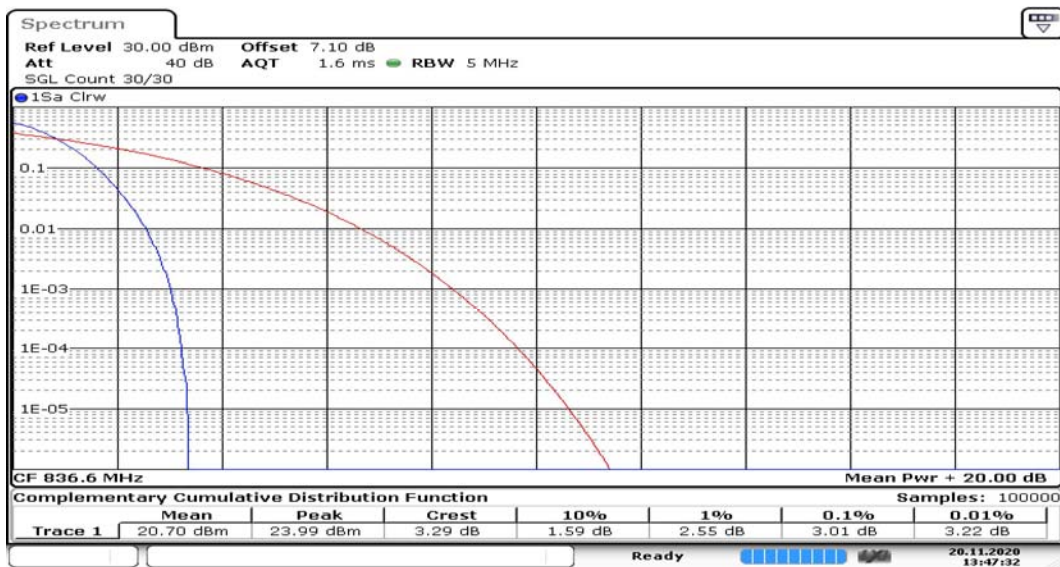
Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
0	0.003	0.001	0.005
+10	-0.001	-0.001	0.002
+20	0.000	0.000	0.000
+30	-0.001	0.001	0.002
+40	0.002	-0.001	0.003
+50	0.004	0.002	0.002
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	0.003	-0.001	0.002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

Peak-Average Ratio
WCDMA band V
REL99 Mode:



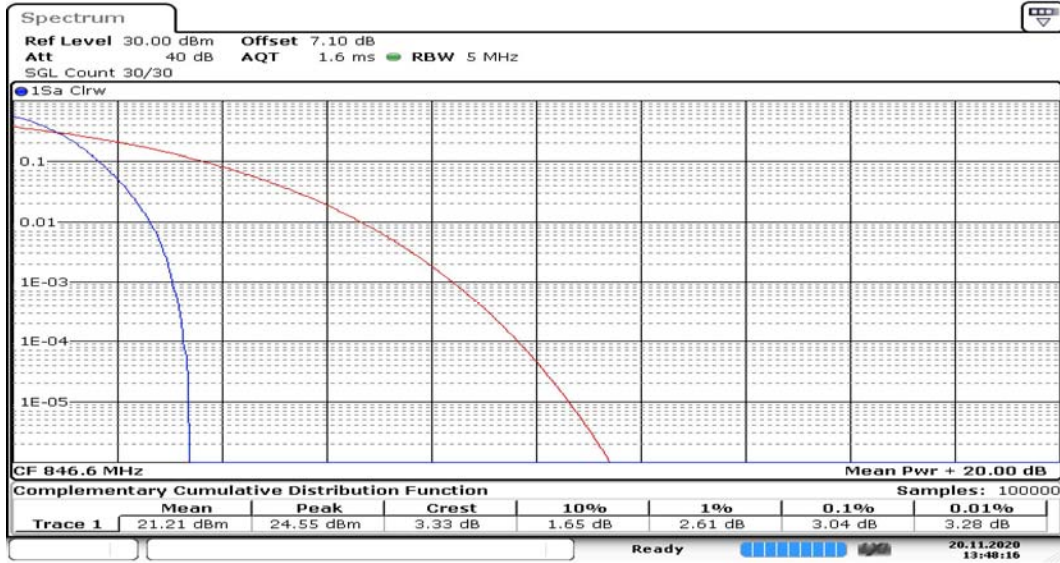
Date: 20.NOV.2020 13:46:40

Channel 4132



Date: 20.NOV.2020 13:47:32

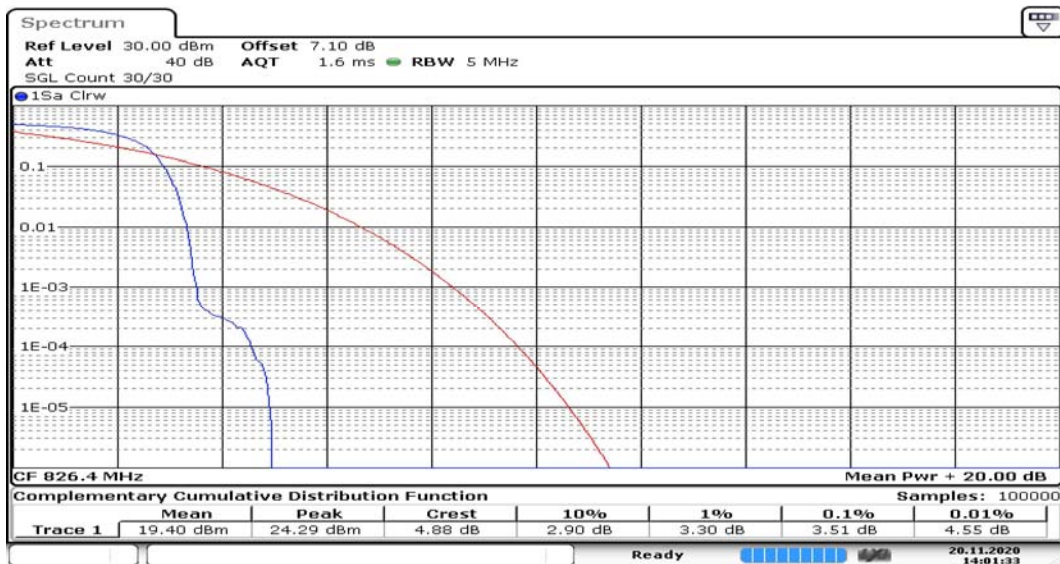
Channel 4183



Date: 20.NOV.2020 13:48:17

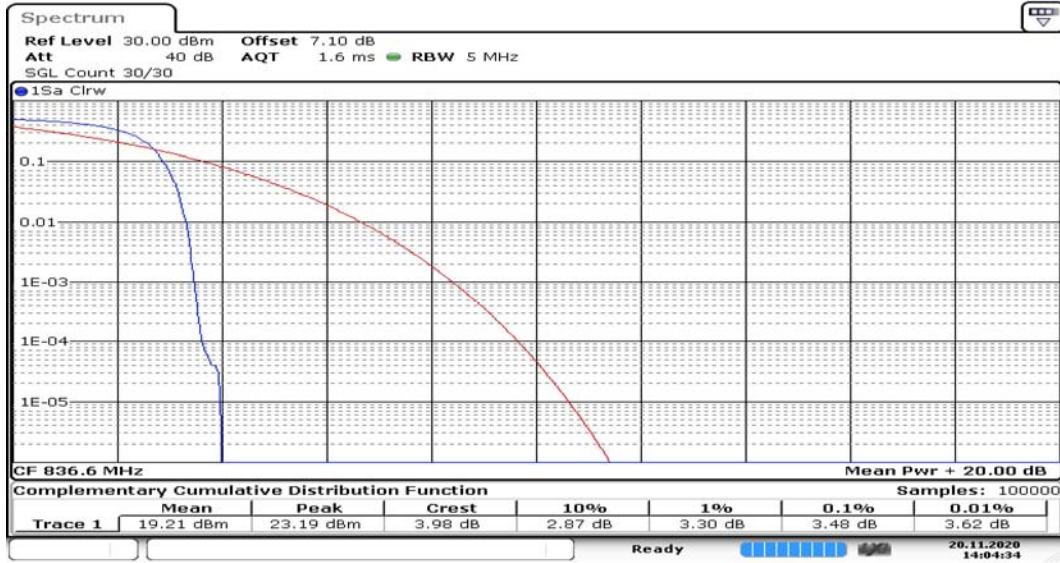
Channel 4233

HSDPA Mode:



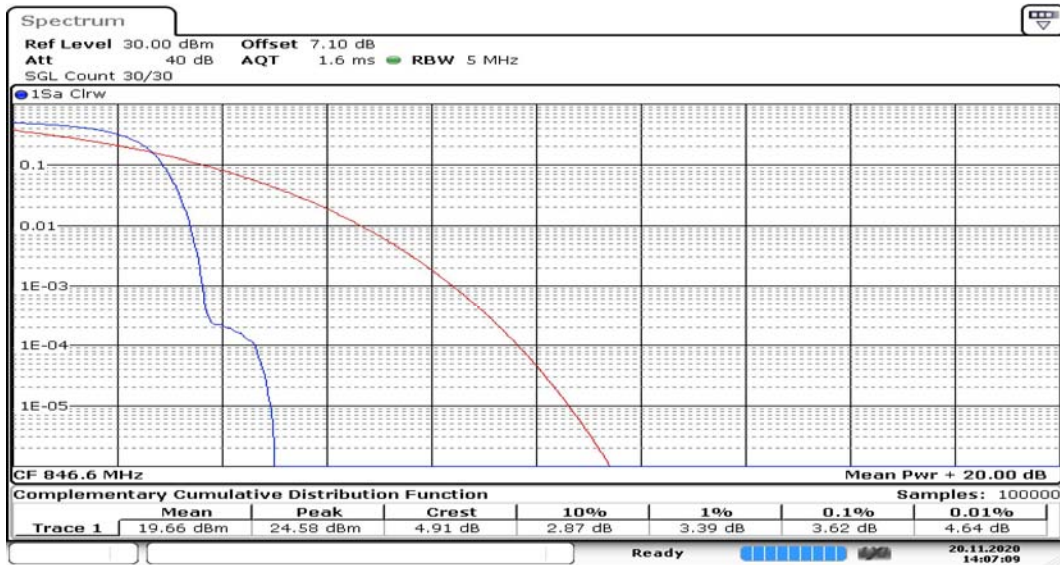
Date: 20.NOV.2020 14:01:33

Channel 4132



Date: 20.NOV.2020 14:04:34

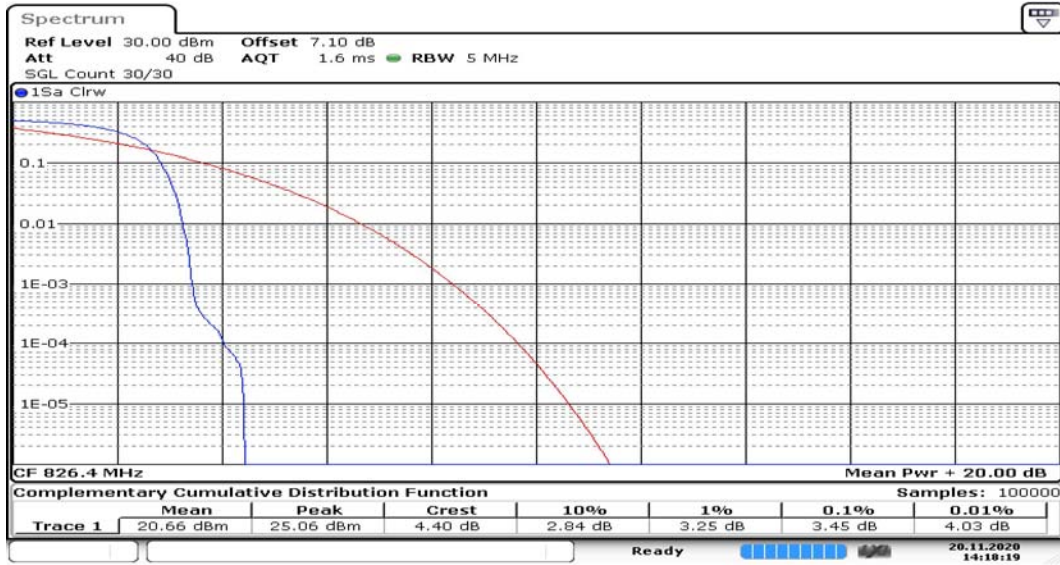
Channel 4183



Date: 20.NOV.2020 14:07:09

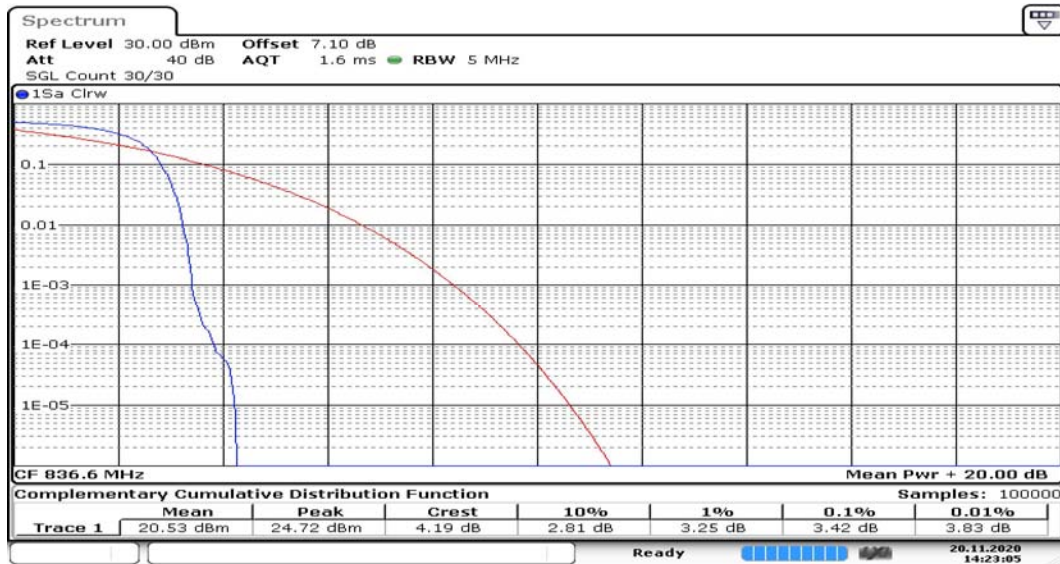
Channel 4233

HSUPA Mode:



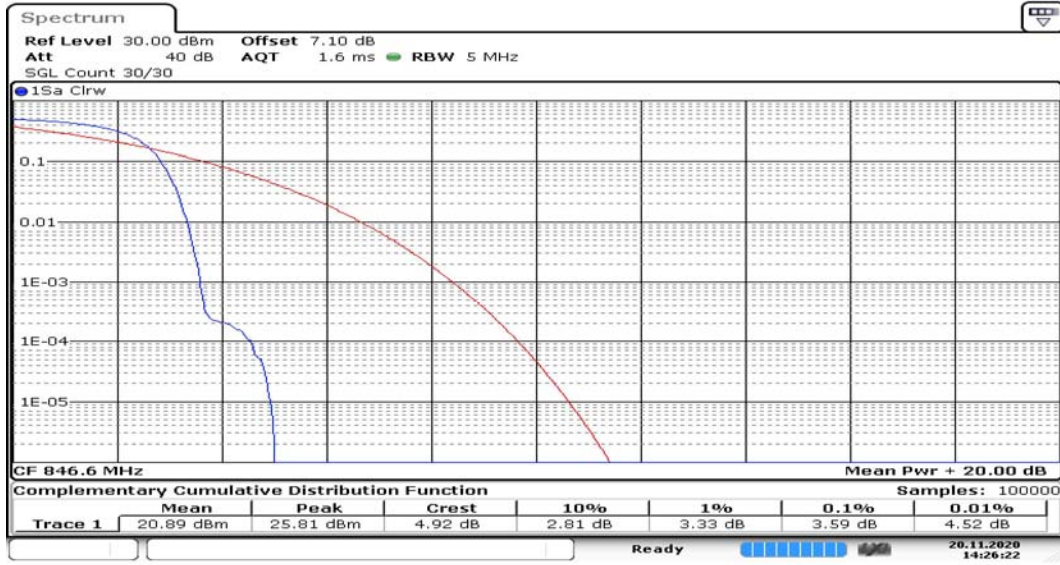
Date: 20.NOV.2020 14:18:19

Channel 4132



Date: 20.NOV.2020 14:23:05

Channel 4183



Date: 20.NOV.2020 14:26:22

Channel 4233

Effective Radiated Power and Effective Isotropic Radiated Power

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Release 99	RMC,12.2 kbps	826.4	4132	21.88	18.78	0.076
		836.6	4183	21.61	18.51	0.071
		846.6	4233	22.18	19.08	0.081
HSDPA	Subtest1	826.4	4132	21.16	18.06	0.064
		836.6	4183	20.79	17.69	0.059
		846.6	4233	21.10	18.00	0.063
	Subtest2	826.4	4132	21.16	18.06	0.064
		836.6	4183	20.79	17.69	0.059
		846.6	4233	21.10	18.00	0.063
	Subtest3	826.4	4132	21.16	18.06	0.064
		836.6	4183	20.79	17.69	0.059
		846.6	4233	21.1	18.00	0.063
	Subtest4	826.4	4132	21.16	18.06	0.064
		836.6	4183	20.79	17.69	0.059
		846.6	4233	21.10	18.00	0.063
HSUPA	Subtest1	826.4	4132	21.64	18.54	0.071
		836.6	4183	21.50	18.40	0.069
		846.6	4233	21.84	18.74	0.075
	Subtest2	826.4	4132	21.64	18.54	0.071
		836.6	4183	21.50	18.40	0.069
		846.6	4233	21.84	18.74	0.075
	Subtest3	826.4	4132	21.64	18.54	0.071
		836.6	4183	21.50	18.40	0.069
		846.6	4233	21.84	18.74	0.075
	Subtest4	826.4	4132	21.64	18.54	0.071
		836.6	4183	21.50	18.40	0.069
		846.6	4233	21.84	18.74	0.075
	Subtest5	826.4	4132	21.64	18.54	0.071
		836.6	4183	21.50	18.40	0.069
		846.6	4233	21.84	18.74	0.075

HSPA+	QPSK	826.4	4132	21.63	18.53	0.071
		836.6	4183	21.46	18.36	0.069
		846.6	4233	21.84	18.74	0.075
	16QAM	826.4	4132	21.63	18.53	0.071
		836.6	4183	21.46	18.36	0.069
		846.6	4233	21.84	18.74	0.075
DC-HSDPA	Subtest1	826.4	4132	21.73	18.63	0.073
		836.6	4183	21.5	18.40	0.069
		846.6	4233	21.88	18.78	0.076
	Subtest2	826.4	4132	21.73	18.63	0.073
		836.6	4183	21.50	18.40	0.069
		846.6	4233	21.88	18.78	0.076
	Subtest3	826.4	4132	21.73	18.63	0.073
		836.6	4183	21.50	18.40	0.069
		846.6	4233	21.88	18.78	0.076
	Subtest4	826.4	4132	21.73	18.63	0.073
		836.6	4183	21.50	18.40	0.069
		846.6	4233	21.88	18.78	0.076

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

WCDMA band II

WCDMA Mode:

Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.38	-49.15	-13	Vertical
2779.42	-47.28	-13	Vertical
3728.14	-41.03	-13	Vertical
6677.78	-39.85	-13	Vertical
9961.44	-36.85	-13	Vertical
17821.01	-34.32	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.55	-48.81	-13	Vertical
2778.43	-47.62	-13	Vertical
3724.63	-40.53	-13	Vertical
6676.49	-39.57	-13	Vertical
9962.98	-37.64	-13	Vertical
17819.63	-34.24	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.33	-49.28	-13	Vertical
2781.97	-47.17	-13	Vertical
3726.44	-41.03	-13	Vertical
6678.53	-39.59	-13	Vertical
9960.45	-36.84	-13	Vertical
17819.56	-34.43	-13	Vertical

HSDPA/HSUPA Mode:
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.63	-48.81	-13	Vertical
2779.80	-47.58	-13	Vertical
3724.70	-40.48	-13	Vertical
6677.32	-39.81	-13	Vertical
9963.30	-36.84	-13	Vertical
17821.82	-33.48	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.60	-48.53	-13	Vertical
2781.43	-47.23	-13	Vertical
3727.42	-40.45	-13	Vertical
6678.38	-40.04	-13	Vertical
9962.32	-37.68	-13	Vertical
17818.38	-33.89	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.29	-48.77	-13	Vertical
2781.58	-47.82	-13	Vertical
3725.00	-40.59	-13	Vertical
6678.01	-40.14	-13	Vertical
9960.86	-37.20	-13	Vertical
17820.88	-34.18	-13	Vertical

WCDMA band IV

Test result:

WCDMA Mode:

Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.58	-48.69	-13	Vertical
2781.49	-46.98	-13	Vertical
3724.43	-40.54	-13	Vertical
6675.20	-39.28	-13	Vertical
9960.00	-36.78	-13	Vertical
17821.49	-33.94	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.61	-49.14	-13	Vertical
2781.69	-47.25	-13	Vertical
3726.54	-41.24	-13	Vertical
6677.32	-40.06	-13	Vertical
9961.22	-37.60	-13	Vertical
17820.70	-34.06	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.16	-48.75	-13	Vertical
2778.19	-47.38	-13	Vertical
3728.10	-41.04	-13	Vertical
6677.16	-39.22	-13	Vertical
9959.92	-37.22	-13	Vertical
17820.90	-33.81	-13	Vertical

HSDPA/HSUPA Mode:
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.76	-49.13	-13	Vertical
2779.15	-46.92	-13	Vertical
3727.78	-41.32	-13	Vertical
6677.69	-39.29	-13	Vertical
9963.35	-36.92	-13	Vertical
17819.79	-34.39	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.89	-48.72	-13	Vertical
2780.09	-46.88	-13	Vertical
3725.72	-40.88	-13	Vertical
6675.74	-39.93	-13	Vertical
9960.97	-37.16	-13	Vertical
17818.69	-33.98	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.82	-48.69	-13	Vertical
2780.25	-47.64	-13	Vertical
3726.55	-40.43	-13	Vertical
6678.71	-39.73	-13	Vertical
9960.69	-37.32	-13	Vertical
17821.42	-33.87	-13	Vertical

WCDMA band V
Test result:
WCDMA Mode:
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.51	-53.42	-13	Vertical
1668.77	-51.67	-13	Vertical
2536.04	-43.88	-13	Vertical
2578.69	-44.22	-13	Vertical
8962.41	-39.07	-13	Vertical
9969.96	-36.48	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.94	-52.80	-13	Vertical
1666.73	-51.08	-13	Vertical
2533.76	-44.59	-13	Vertical
2576.40	-44.30	-13	Vertical
8961.58	-39.93	-13	Vertical
9972.65	-36.29	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.46	-52.54	-13	Vertical
1666.39	-50.97	-13	Vertical
2534.56	-44.20	-13	Vertical
2577.27	-43.79	-13	Vertical
8961.82	-39.58	-13	Vertical
9972.41	-36.25	-13	Vertical

HSDPA/HSUPA Mode:
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.98	-52.52	-13	Vertical
1666.25	-50.90	-13	Vertical
2532.51	-43.95	-13	Vertical
2578.69	-44.14	-13	Vertical
8964.65	-39.64	-13	Vertical
9970.44	-36.79	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.43	-52.85	-13	Vertical
1667.74	-51.29	-13	Vertical
2535.90	-44.54	-13	Vertical
2578.62	-43.83	-13	Vertical
8962.41	-39.61	-13	Vertical
9972.82	-36.57	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.99	-53.25	-13	Vertical
1667.88	-51.09	-13	Vertical
2536.18	-44.36	-13	Vertical
2577.11	-43.73	-13	Vertical
8962.51	-39.75	-13	Vertical
9971.95	-35.98	-13	Vertical

Secondary supply worst case test result:

WCDMA band II MODE Channel 9400 is selected as the worst point for RSE.

WCDMA band II MODE Channel 9400:

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.42	-48.63	-13	Vertical
2781.54	-47.85	-13	Vertical
3725.61	-40.83	-13	Vertical
6675.48	-39.54	-13	Vertical
9963.23	-37.54	-13	Vertical
17819.21	-34.04	-13	Vertical

---The end of the test report---