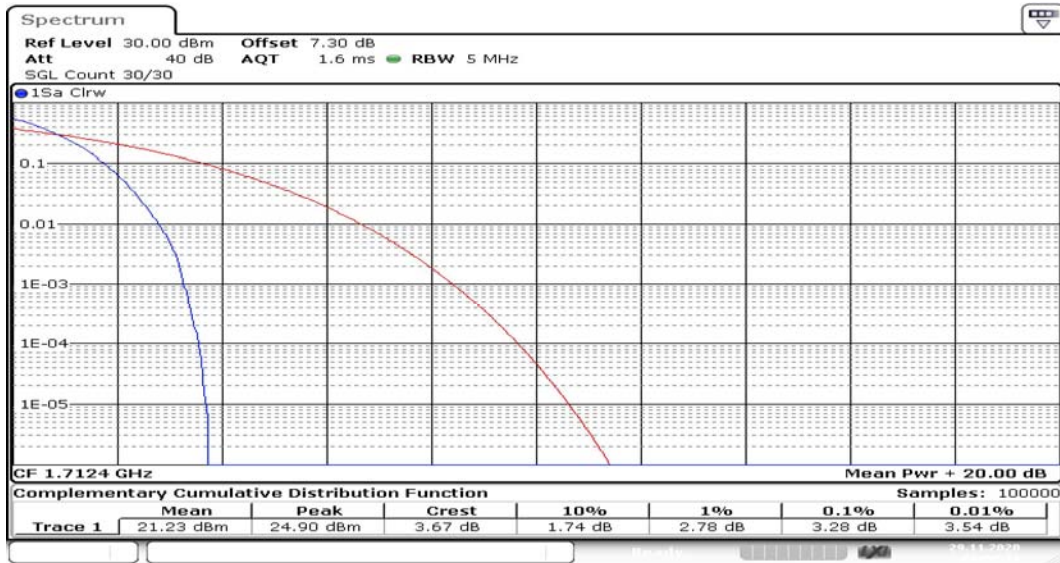
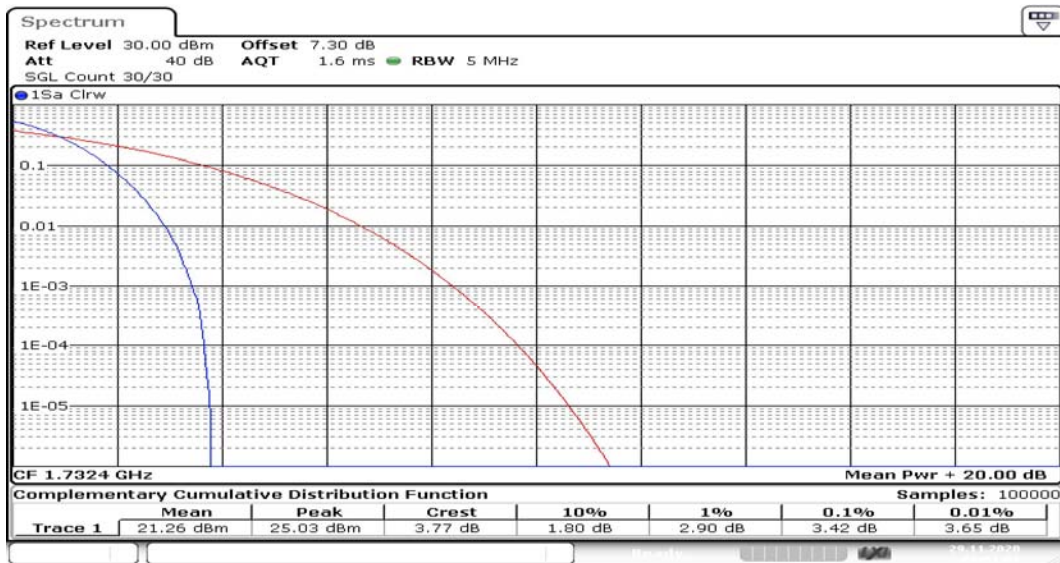


Peak-Average Ratio
WCDMA band IV
REL99 Mode:



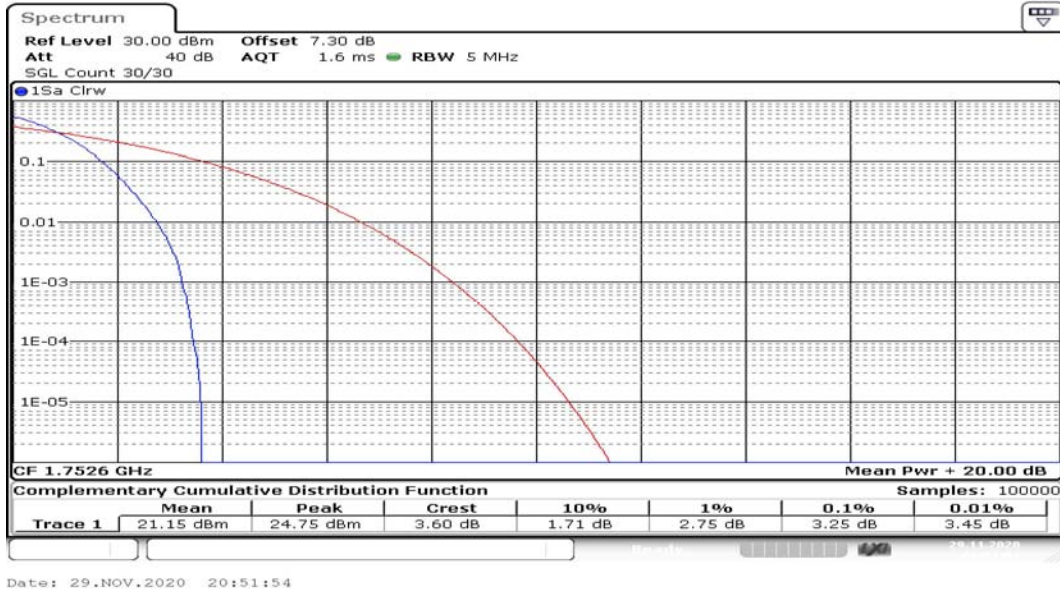
Date: 29.NOV.2020 20:50:13

Channel 1312



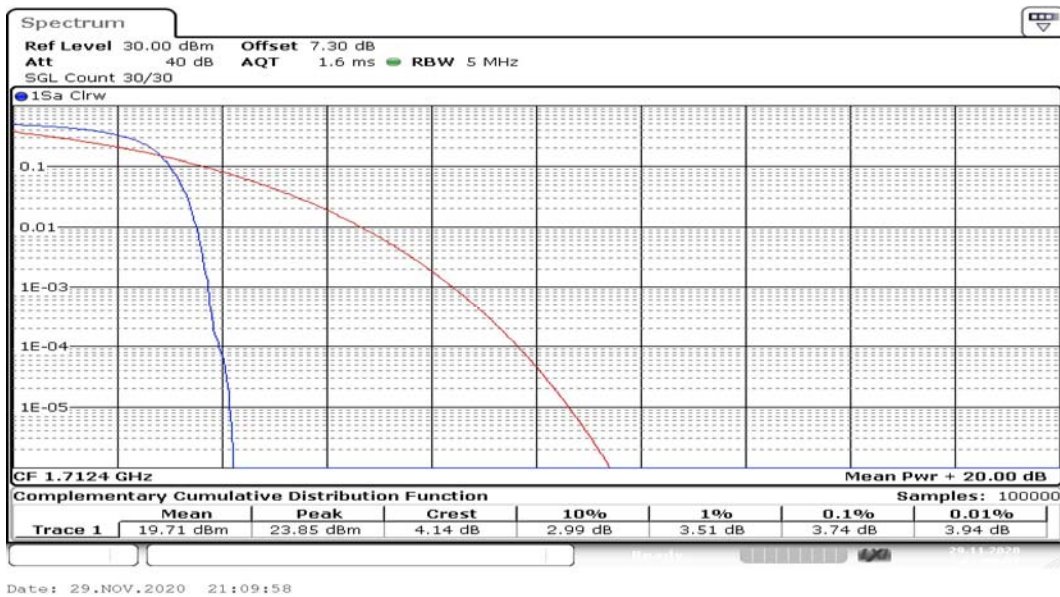
Date: 29.NOV.2020 20:51:08

Channel 1412

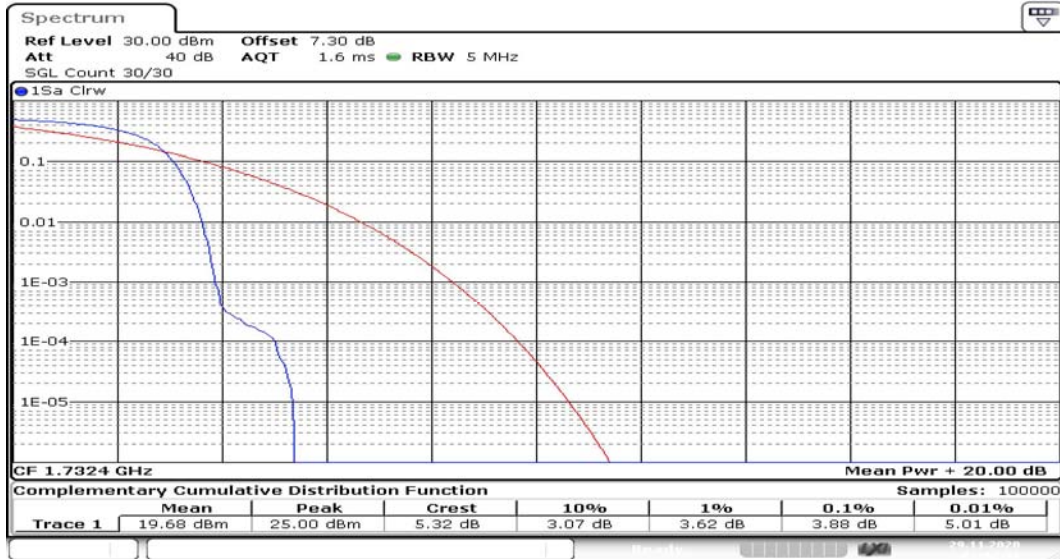


Channel 1513

HSDPA Mode:

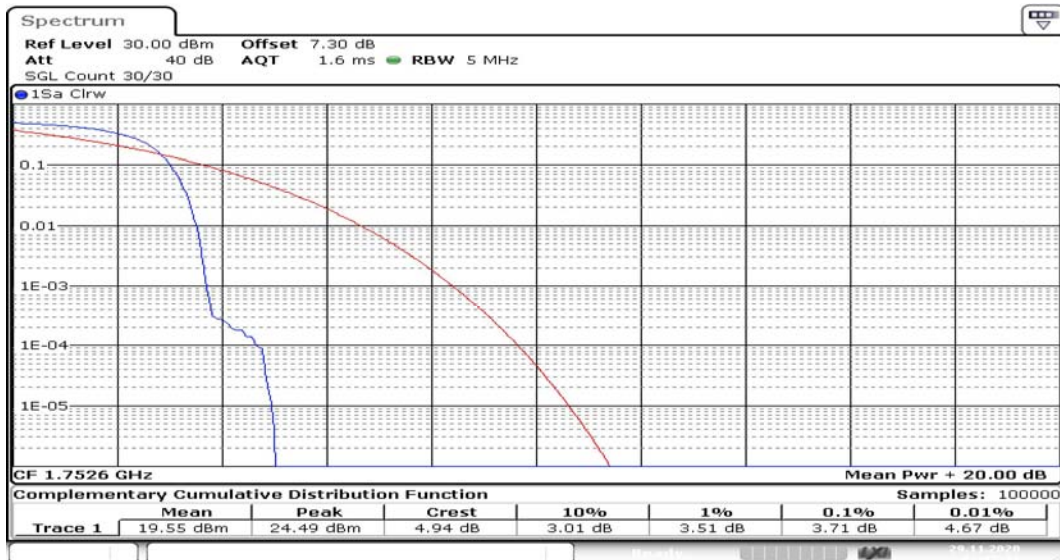


Channel 1312



Date: 29.NOV.2020 21:12:39

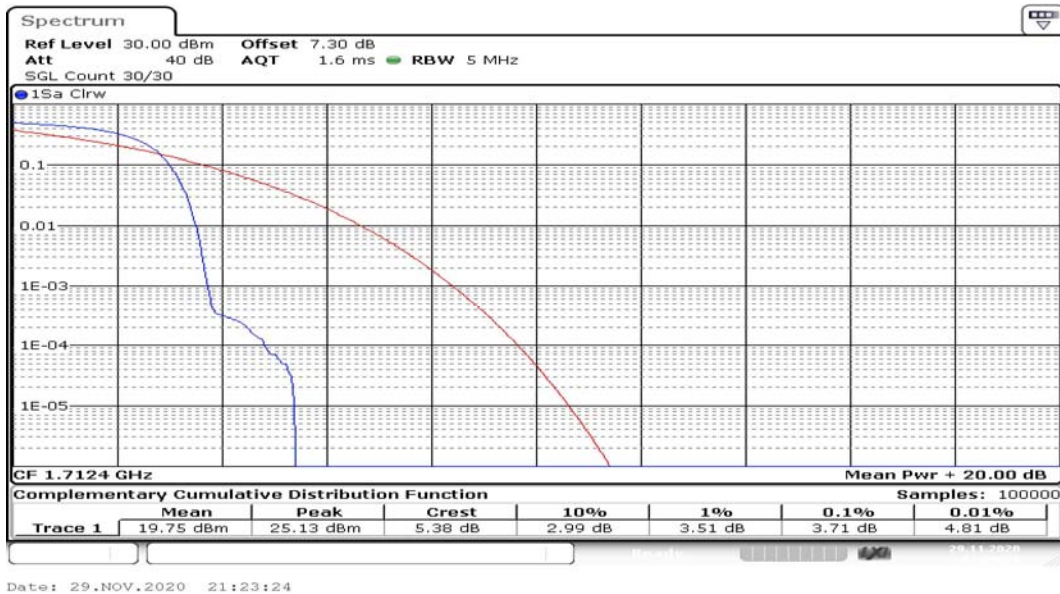
Channel 1412



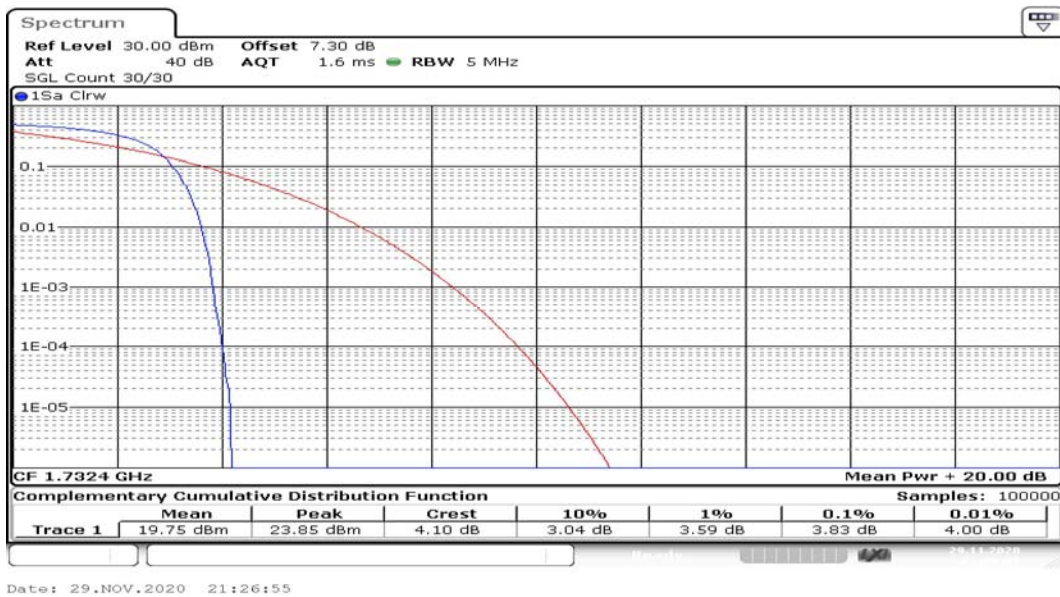
Date: 29.NOV.2020 21:15:12

Channel 1513

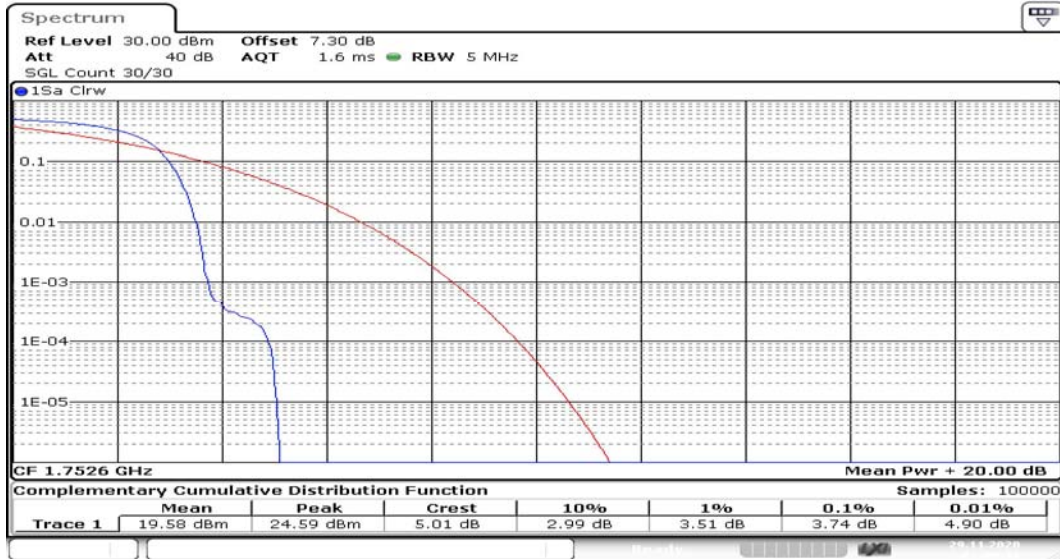
HSUPA Mode:



Channel 1312



Channel 1412



Date: 29.NOV.2020 21:30:20

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	21.48	23.18	0.208	
		1732.6	1412	21.52	23.22	0.210	
		1752.6	1513	21.33	23.03	0.201	
HSDPA	Subtest1	1712.4	1312	20.44	22.14	0.164	
		1732.6	1412	20.5	22.20	0.166	
		1752.6	1513	20.37	22.07	0.161	
	Subtest2	1712.4	1312	20.42	22.12	0.163	
		1732.6	1412	20.48	22.18	0.165	
		1752.6	1513	20.34	22.04	0.160	
	Subtest3	1712.4	1312	19.91	21.61	0.145	
		1732.6	1412	19.98	21.68	0.147	
		1752.6	1513	19.84	21.54	0.143	
	Subtest4	1712.4	1312	19.96	21.66	0.147	
		1732.6	1412	19.97	21.67	0.147	
		1752.6	1513	19.83	21.53	0.142	
	HSUPA	Subtest1	1712.4	1312	20.37	22.07	0.161
			1732.6	1412	20.46	22.16	0.164
			1752.6	1513	20.34	22.04	0.160
Subtest2		1712.4	1312	20.4	22.10	0.162	
		1732.6	1412	20.48	22.18	0.165	
		1752.6	1513	20.37	22.07	0.161	
Subtest3		1712.4	1312	19.88	21.58	0.144	
		1732.6	1412	19.96	21.66	0.147	
		1752.6	1513	19.83	21.53	0.142	
Subtest4		1712.4	1312	20.41	22.11	0.163	
		1732.6	1412	20.48	22.18	0.165	
		1752.6	1513	20.38	22.08	0.161	
Subtest5		1712.4	1312	19.9	21.60	0.145	
		1732.6	1412	19.99	21.69	0.148	
		1752.6	1513	19.85	21.55	0.143	

HSPA+	QPSK	1712.4	1312	20.36	22.06	0.161
		1732.6	1412	20.45	22.15	0.164
		1752.6	1513	20.36	22.06	0.161
	16QAM	1712.4	1312	20.37	22.07	0.161
		1732.6	1412	20.43	22.13	0.163
		1752.6	1513	20.36	22.06	0.161
DC-HSDPA	Subtest1	1712.4	1312	20.4	22.10	0.162
		1732.6	1412	20.45	22.15	0.164
		1752.6	1513	20.39	22.09	0.162
	Subtest2	1712.4	1312	20.37	22.07	0.161
		1732.6	1412	20.47	22.17	0.165
		1752.6	1513	20.38	22.08	0.161
	Subtest3	1712.4	1312	19.87	21.57	0.144
		1732.6	1412	19.95	21.65	0.146
		1752.6	1513	19.84	21.54	0.143
	Subtest4	1712.4	1312	19.86	21.56	0.143
		1732.6	1412	19.94	21.64	0.146
		1752.6	1513	19.84	21.54	0.143

RF Power Output
WCDMA band V

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
Release 99	RMC, 12.2kbps	826.4	4132	21.93
		836.6	4183	21.99
		846.6	4233	21.92
HSDPA	Subtest1	836.6	4183	20.96
		846.6	4233	20.91
		826.4	4132	20.83
	Subtest2	836.6	4183	20.93
		846.6	4233	20.87
		826.4	4132	20.76
	Subtest3	836.6	4183	20.44
		846.6	4233	20.36
		826.4	4132	20.26
	Subtest4	836.6	4183	20.44
		846.6	4233	20.34
		826.4	4132	20.24
HSUPA	Subtest1	826.4	4132	20.80
		836.6	4183	20.95
		846.6	4233	20.81
	Subtest2	826.4	4132	20.81
		836.6	4183	20.97
		846.6	4233	20.79
	Subtest3	826.4	4132	20.28
		836.6	4183	20.44
		846.6	4233	20.26
	Subtest4	826.4	4132	20.83
		836.6	4183	20.97
		846.6	4233	20.87
	Subtest5	826.4	4132	20.28
		836.6	4183	20.42
		846.6	4233	20.34
HSPA+	QPSK	826.4	4132	20.82
		836.6	4183	20.94
		846.6	4233	20.80
	16QAM	826.4	4132	20.80
		836.6	4183	20.94
		846.6	4233	20.79

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
DC-HSDPA	Subtest1	826.4	4132	20.80
		836.6	4183	20.96
		846.6	4233	20.84
	Subtest2	826.4	4132	20.77
		836.6	4183	20.91
		846.6	4233	20.79
	Subtest3	826.4	4132	20.28
		836.6	4183	20.41
		846.6	4233	20.26
	Subtest4	826.4	4132	20.29
		836.6	4183	20.44
		846.6	4233	20.26

Occupied Bandwidth

WCDMA band V

REL99 Mode:

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

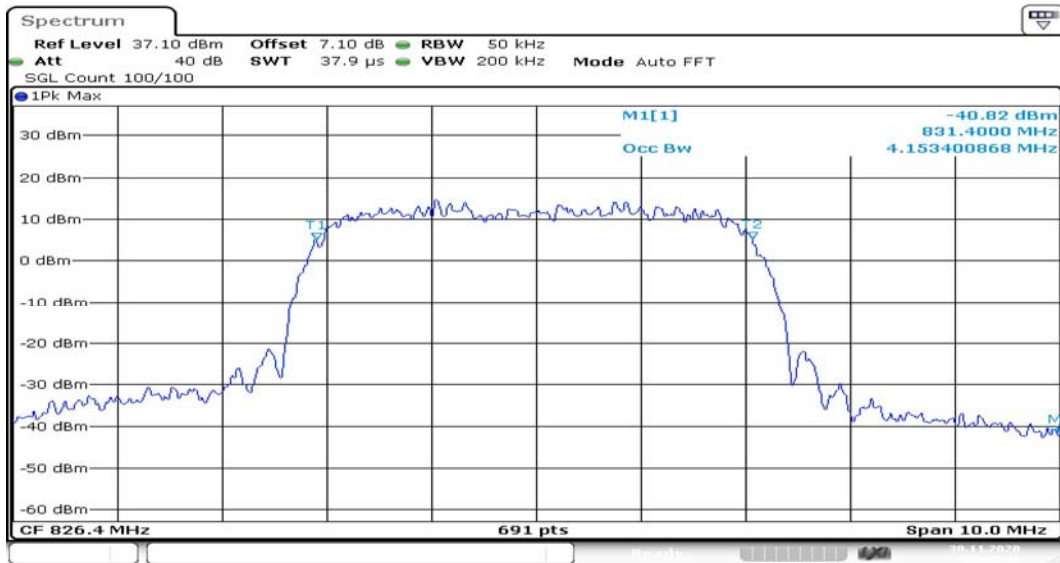
HSDPA Mode:

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

HSUPA Mode:

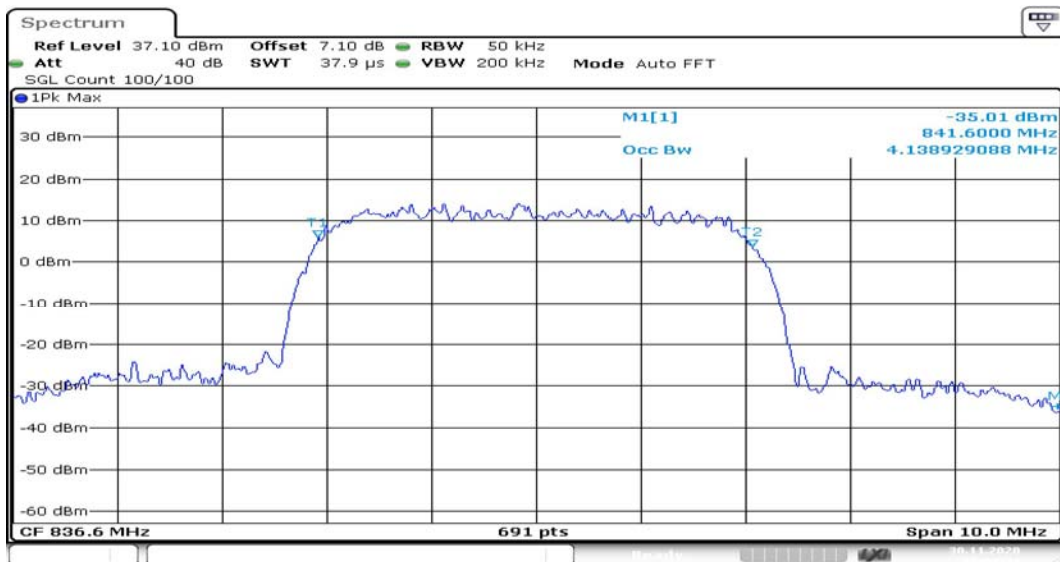
Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.14
836.6	4183	4.14
846.6	4233	4.15

WCDMA band V
REL99 Mode:



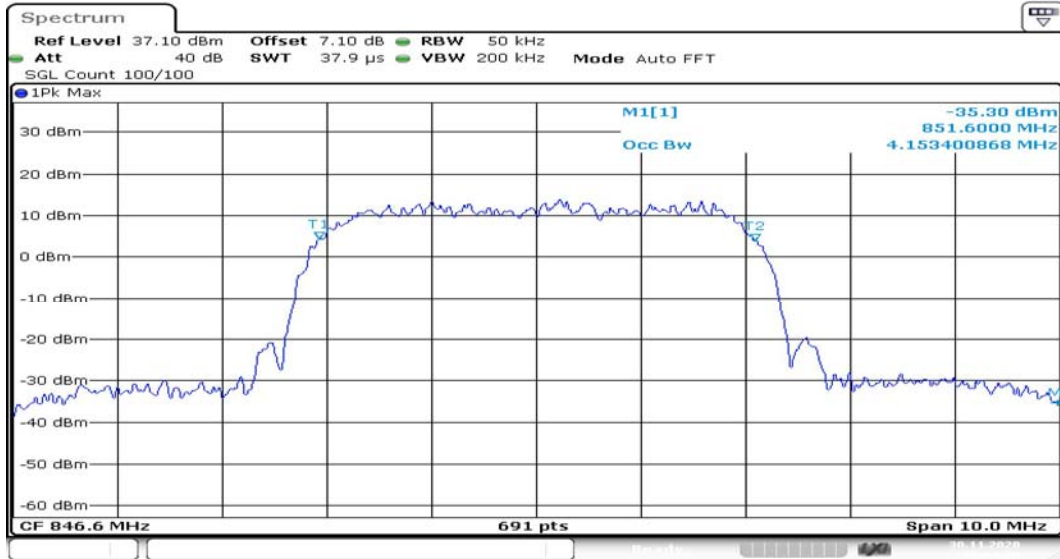
Date: 30.NOV.2020 09:52:42

Channel 4132



Date: 30.NOV.2020 09:53:35

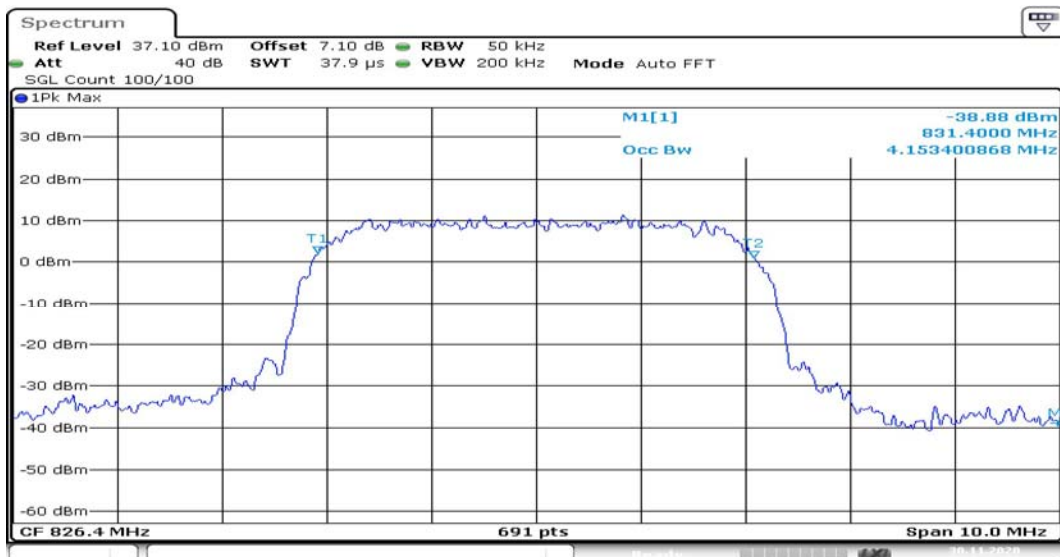
Channel 4183



Date: 30.NOV.2020 09:54:21

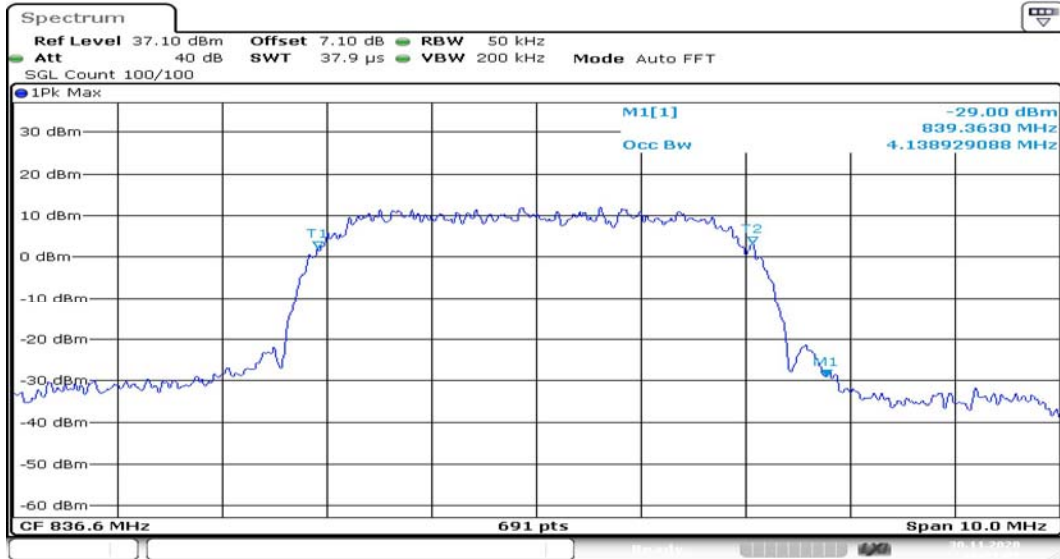
Channel 4233

HSDPA Mode:



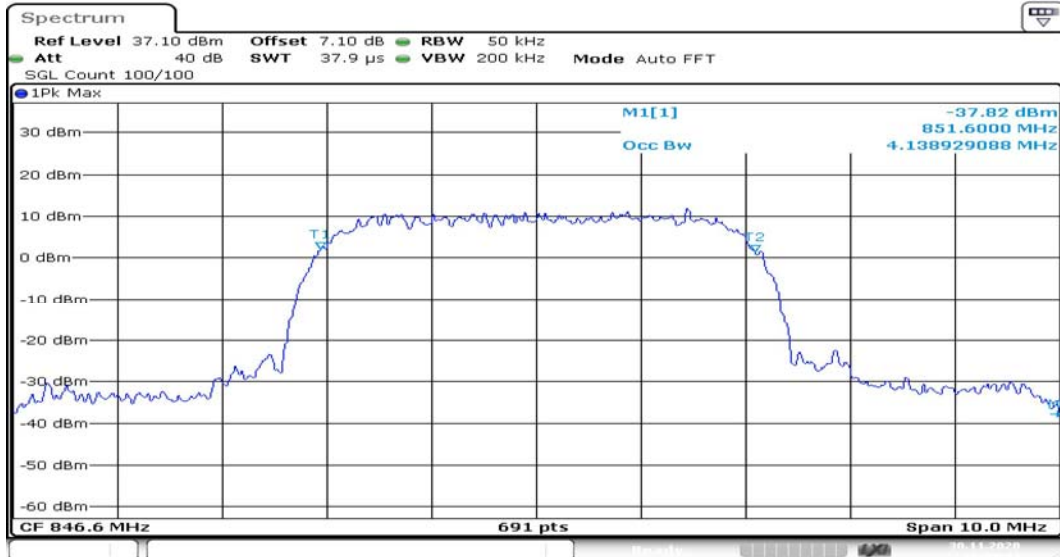
Date: 30.NOV.2020 11:46:05

Channel 4132



Date: 30.NOV.2020 10:31:10

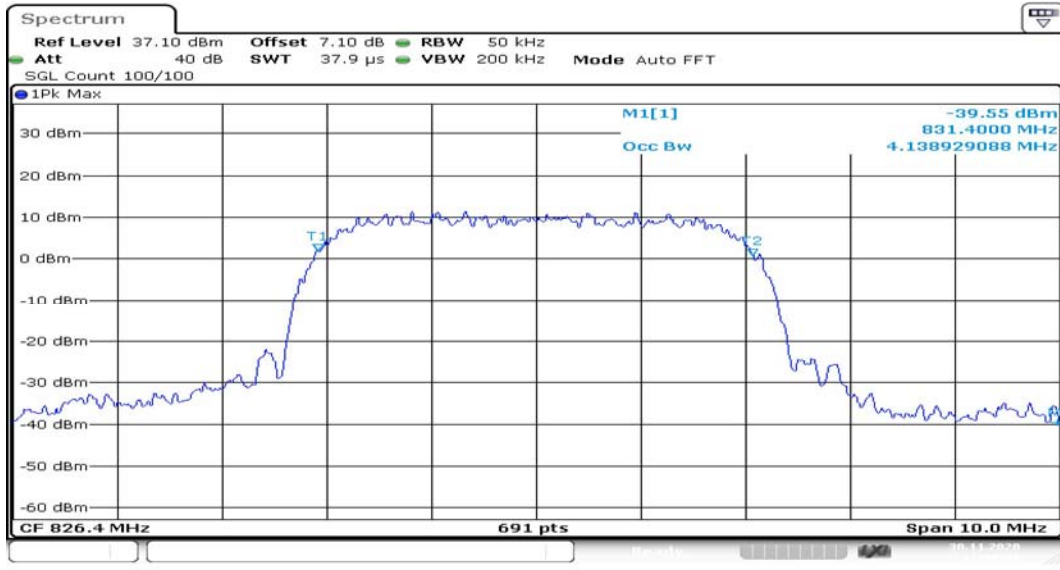
Channel 4183



Date: 30.NOV.2020 10:33:44

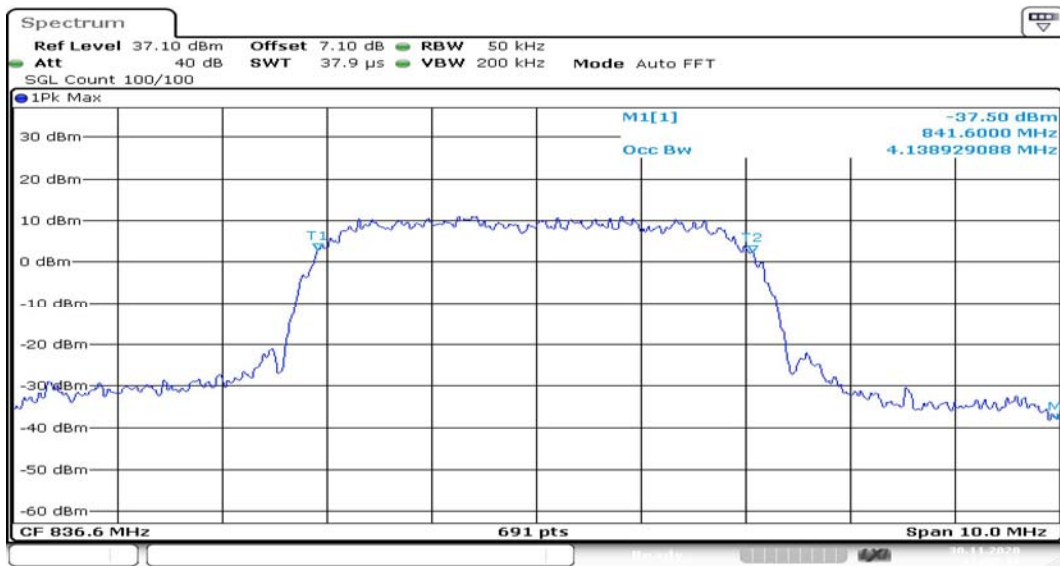
Channel 4233

HSUPA Mode:



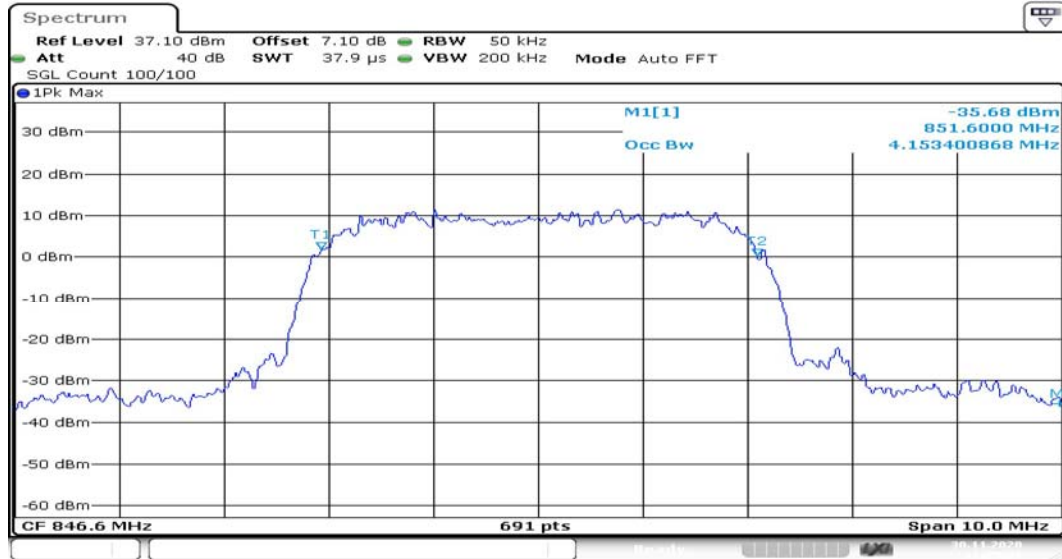
Date: 30.NOV.2020 11:18:33

Channel 4132



Date: 30.NOV.2020 11:22:11

Channel 4183



Date: 30.NOV.2020 11:25:27

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	4.75
846.6	4233	4.65

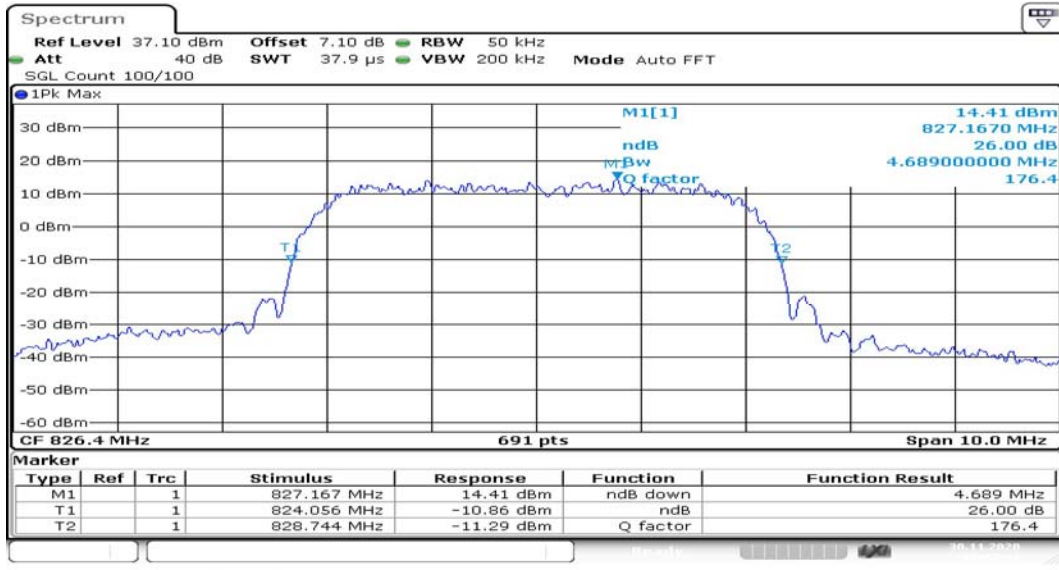
HSDPA Mode:

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

HSUPA Mode:

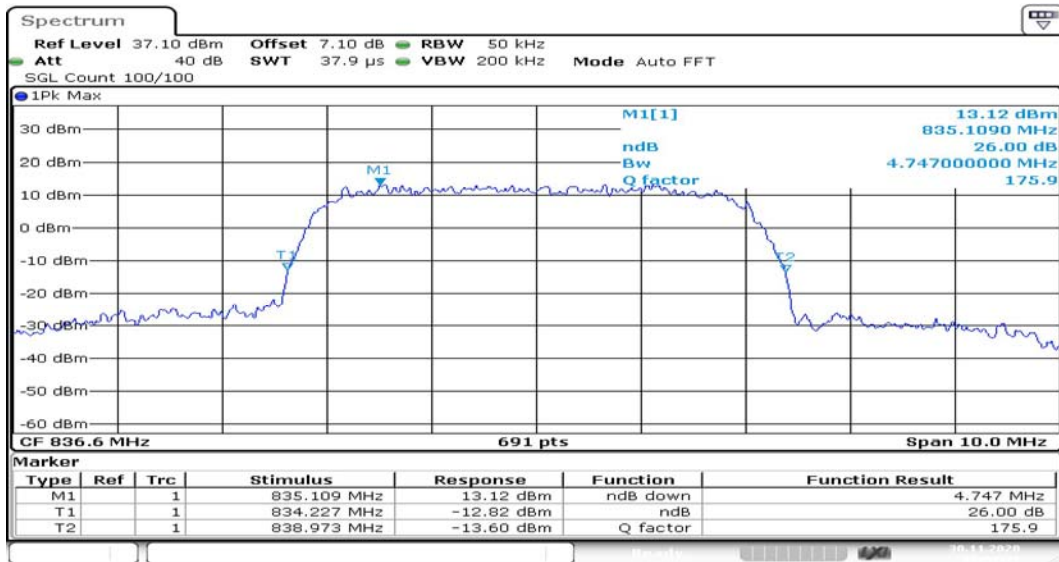
Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4132	4.70
836.6	4183	4.67
846.6	4233	4.70

WCDMA band V
REL99 Mode:



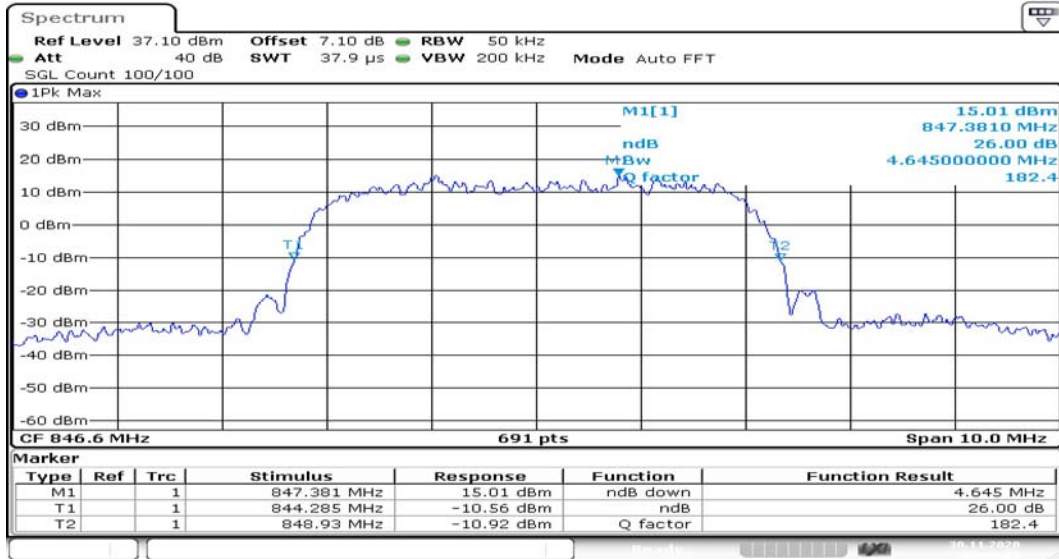
Date: 30.NOV.2020 09:52:47

Channel 4132



Date: 30.NOV.2020 09:53:39

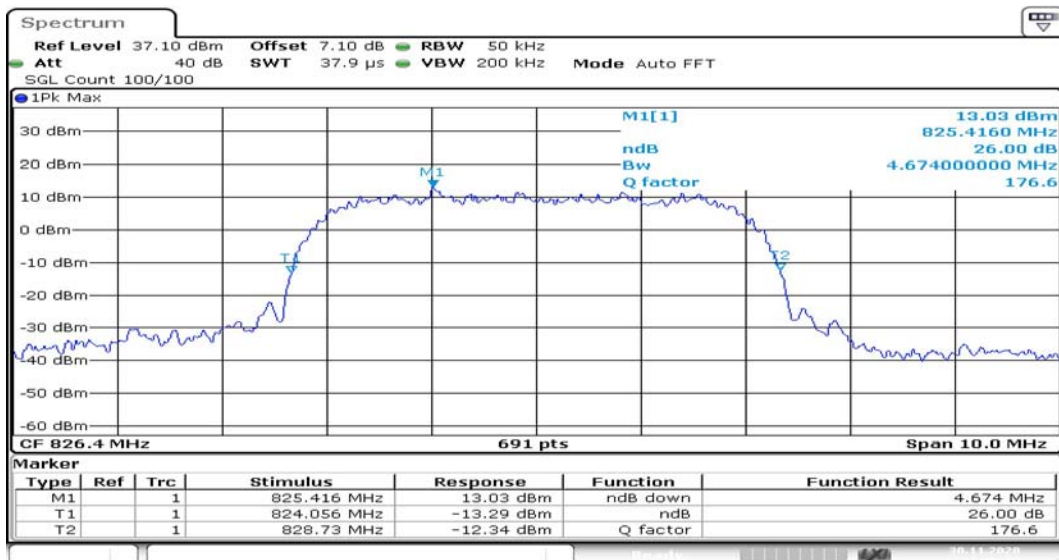
Channel 4183



Date: 30.NOV.2020 09:54:25

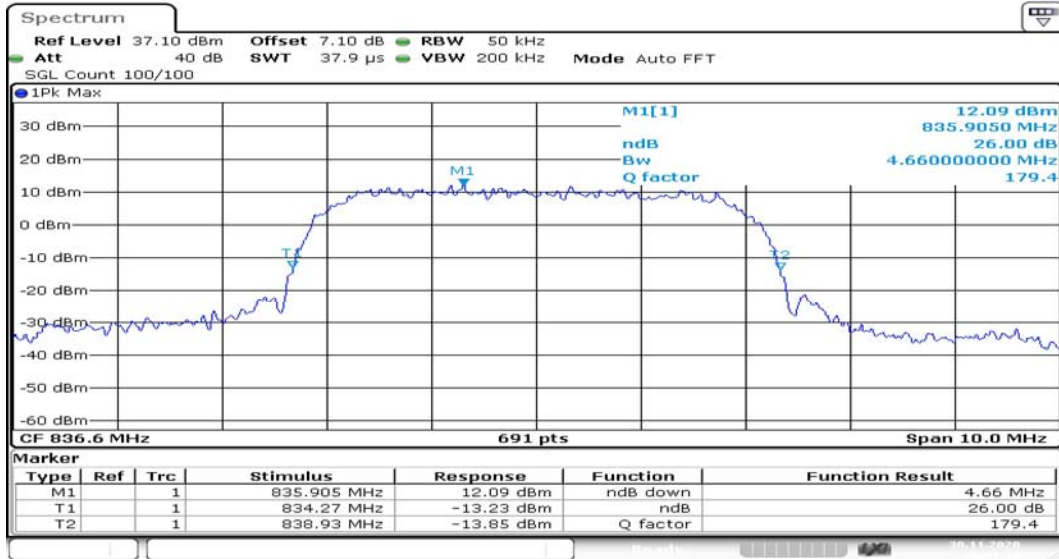
Channel 4233

HSDPA Mode:



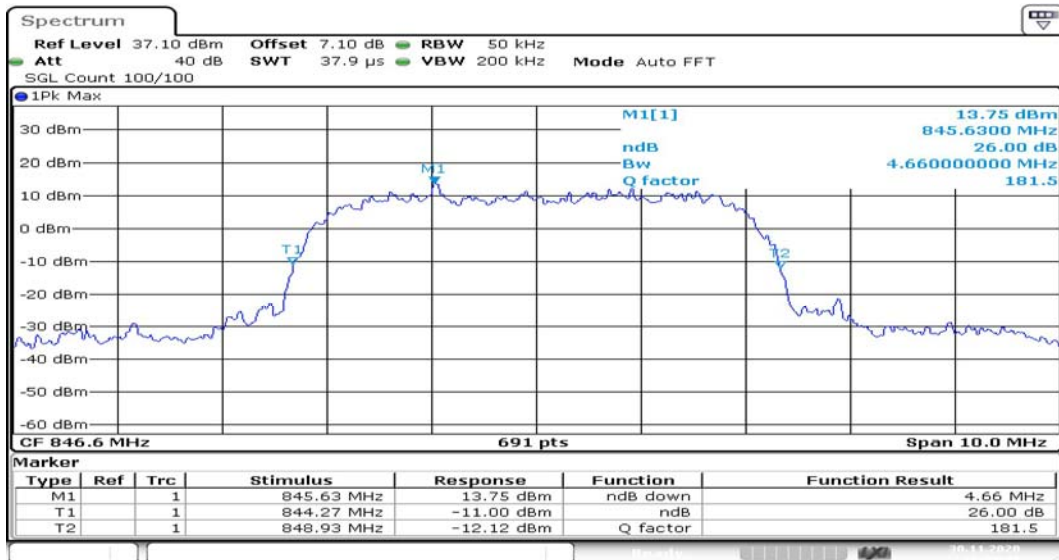
Date: 30.NOV.2020 11:46:10

Channel 4132



Date: 30.NOV.2020 10:31:15

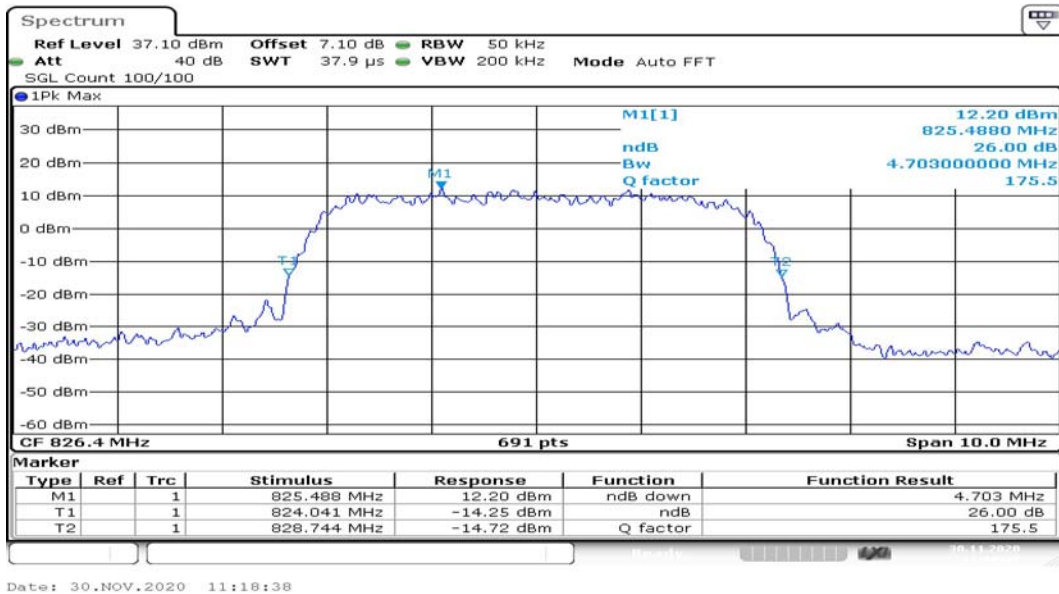
Channel 4183



Date: 30.NOV.2020 10:33:48

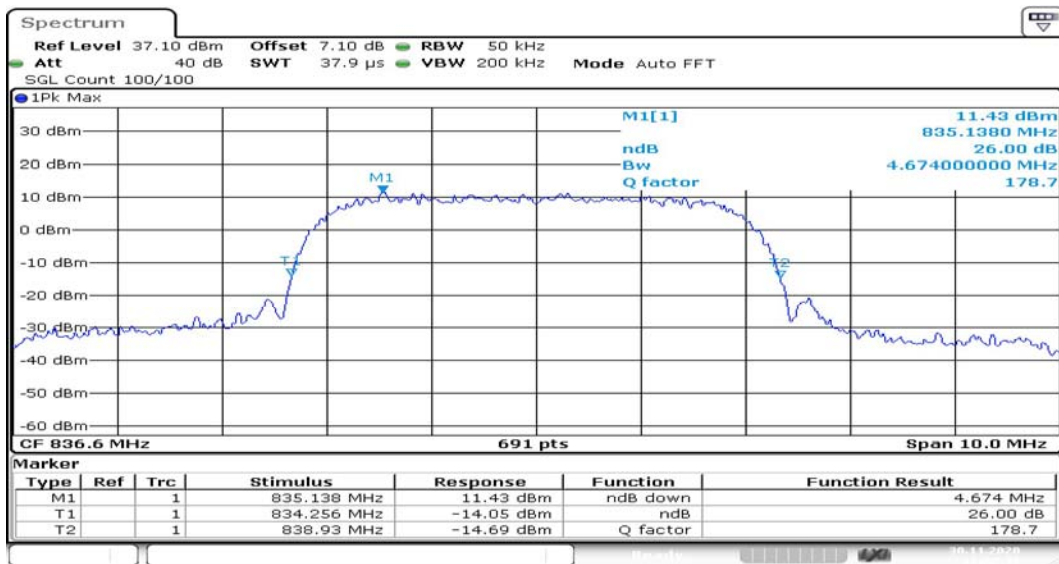
Channel 4233

HSUPA Mode:



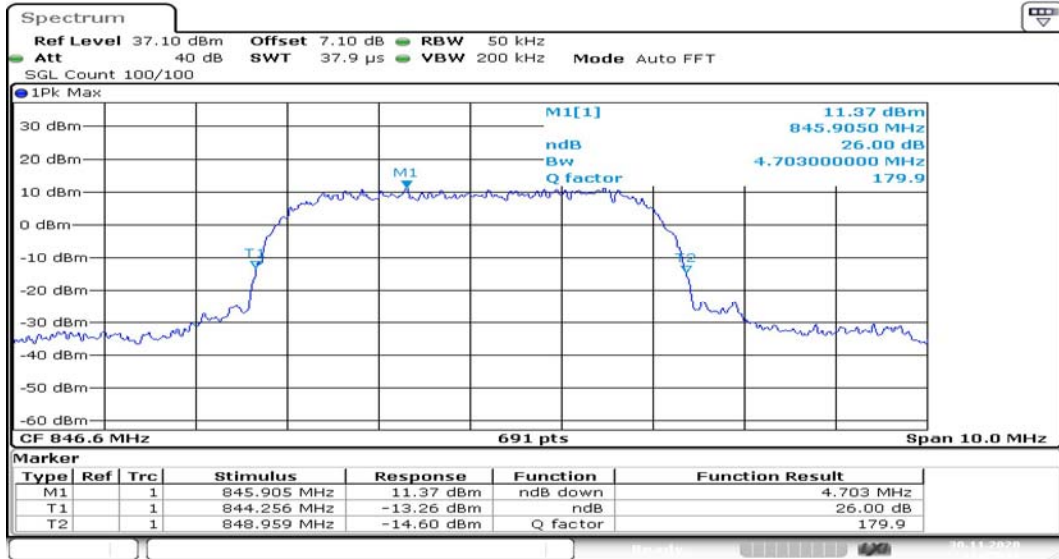
Date: 30.NOV.2020 11:18:38

Channel 4132



Date: 30.NOV.2020 11:22:16

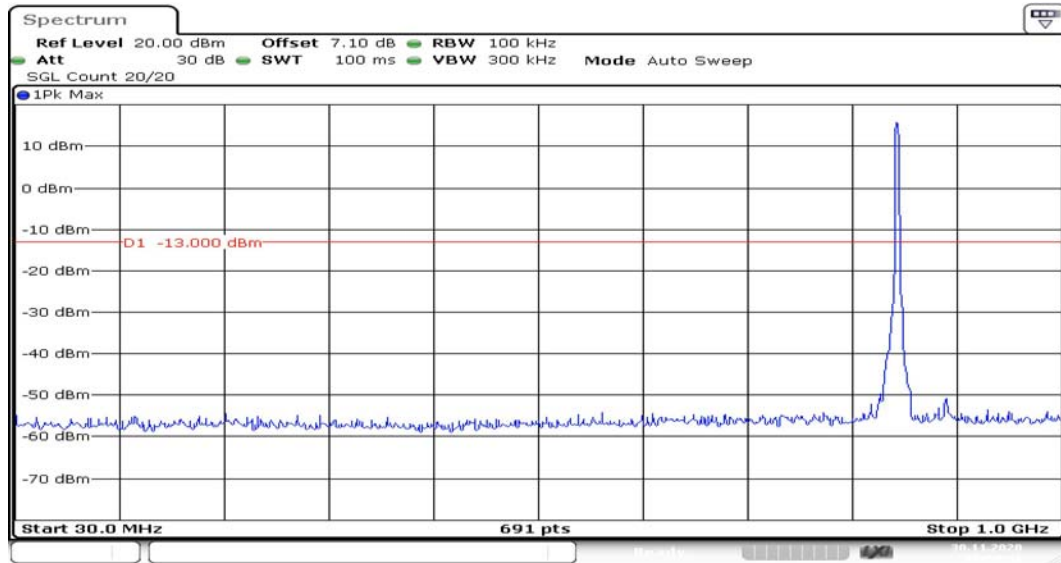
Channel 4183



Date: 30.NOV.2020 11:25:32

Channel 4233

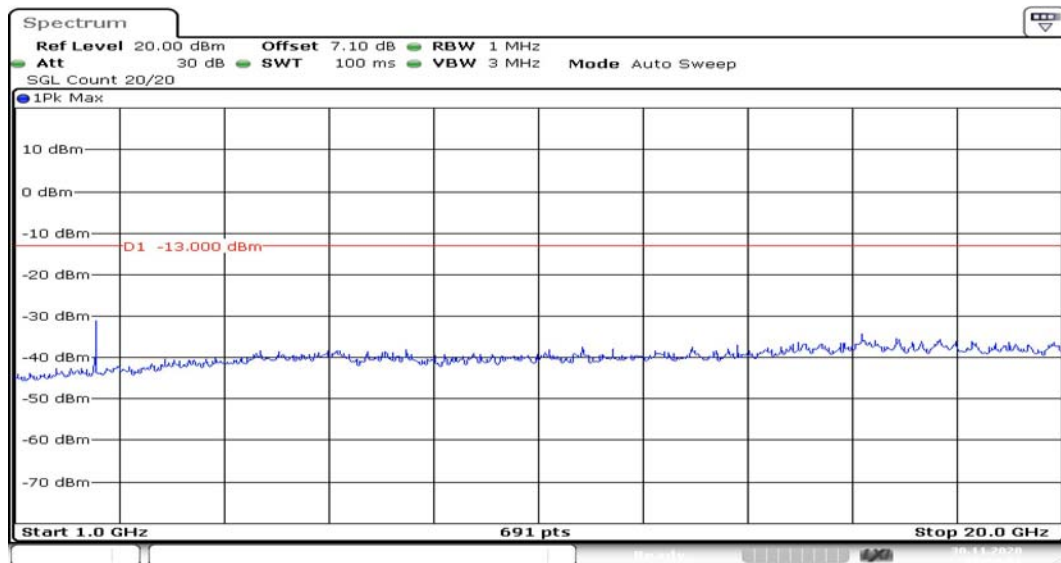
Spurious Emissions at antenna terminal
WCDMA band V
REL99 Mode:



Date: 30.NOV.2020 09:54:43

Channel 4183 30MHz~1GHz

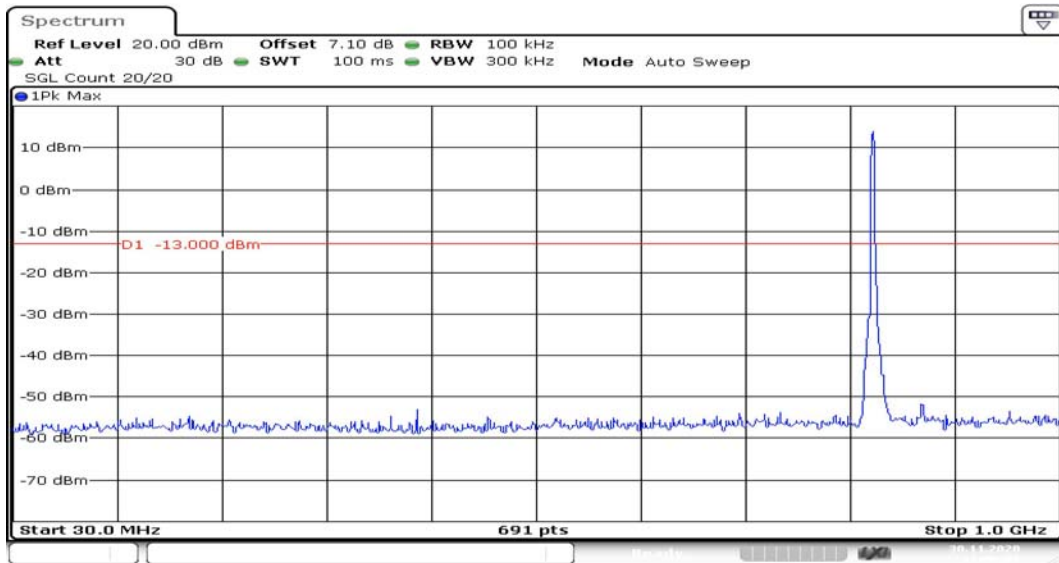
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 30.NOV.2020 09:54:52

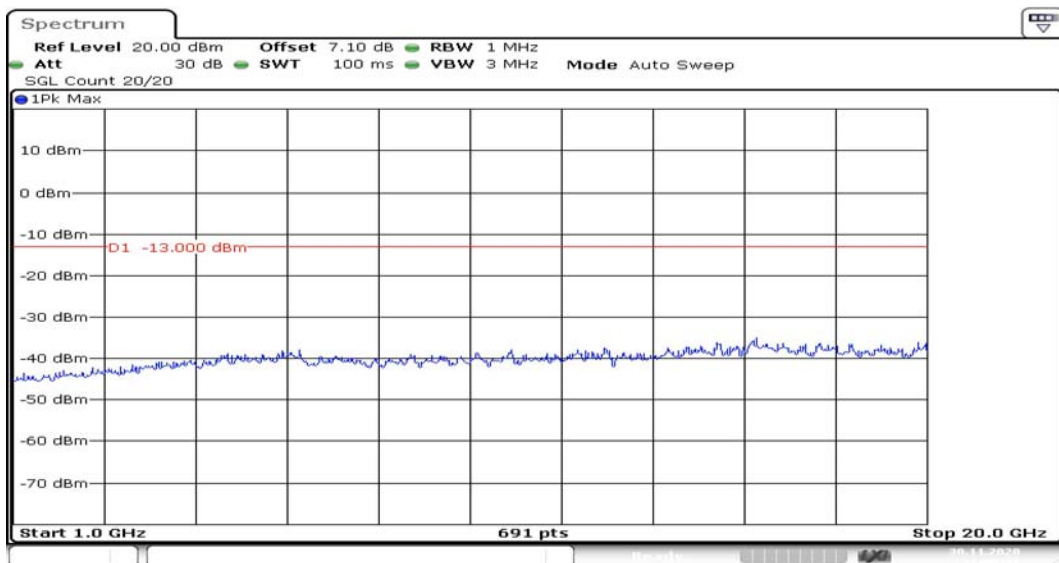
Channel 4183 1GHz~20GHz(dBm) (1,1,1,62SpuriousEmissions.jpg)

HSDPA Mode:



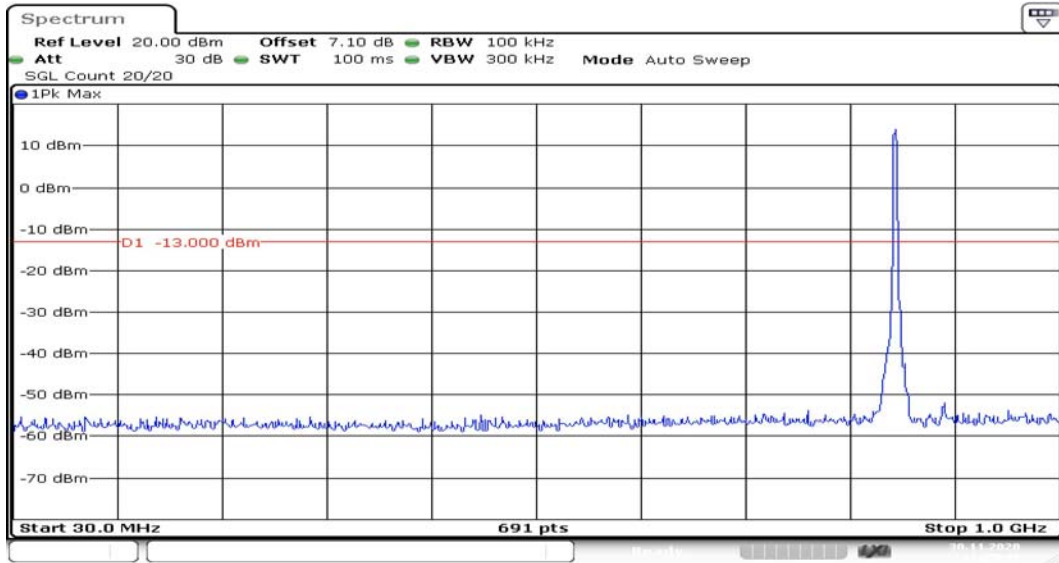
Channel 4183 30MHz~1GHz

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



Channel 4183 1GHz~20GHz

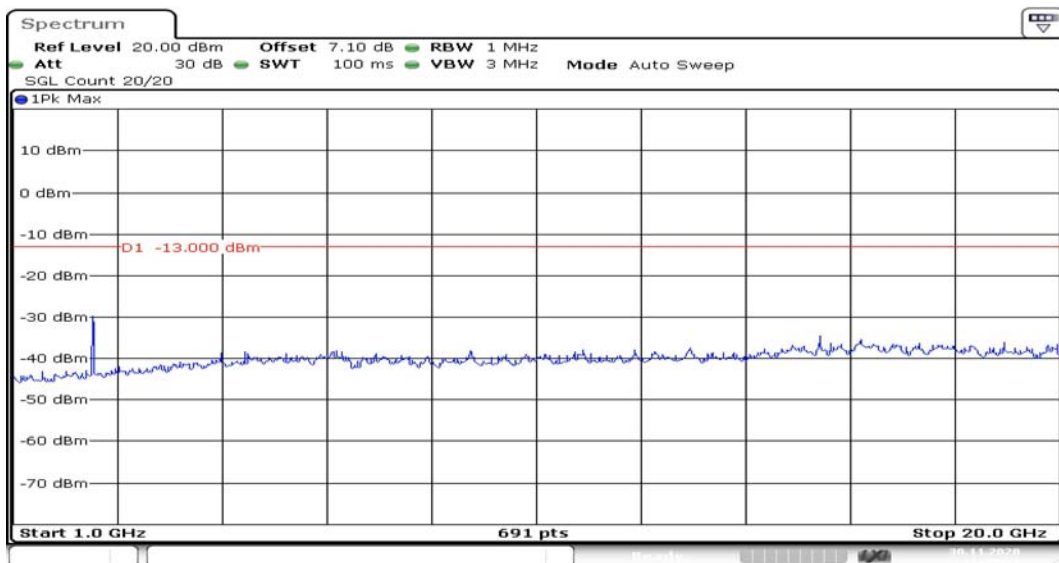
HSUPA Mode:



Date: 30.NOV.2020 11:25:49

Channel 4183 30MHz~1GHz

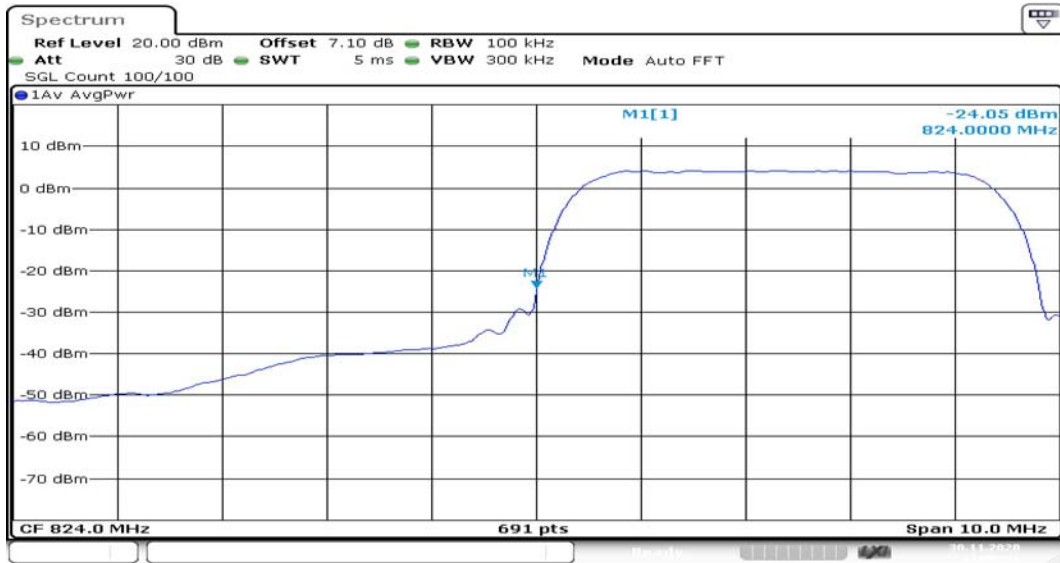
Note: The signal beyond the limit is the signal transmitted by EUT.



Date: 30.NOV.2020 11:25:59

Channel 4183 1GHz~20GHz

Band Edges Compliance
WCDMA band V
REL99 Mode:



Date: 30.NOV.2020 11:46:46

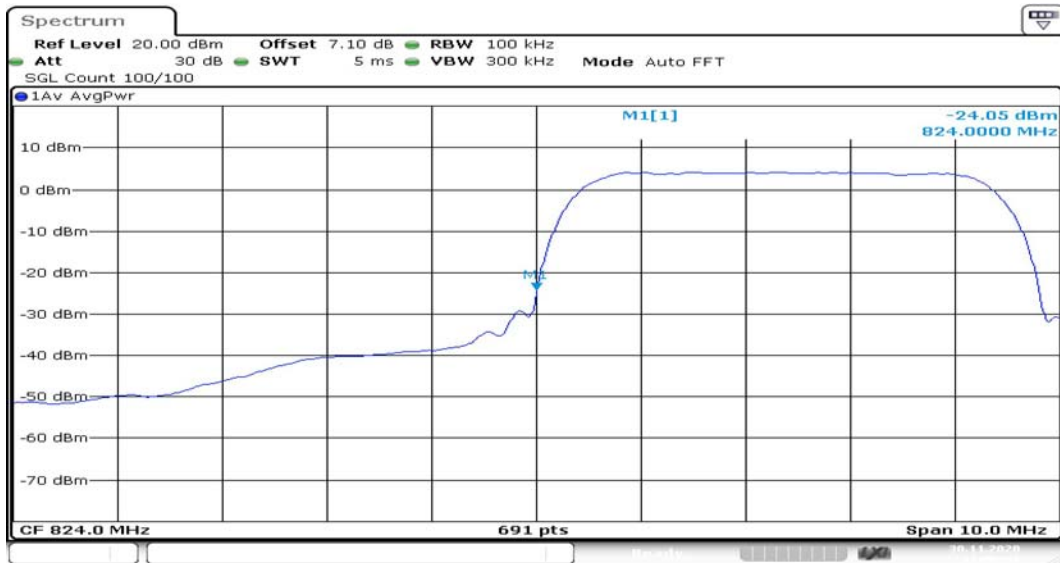
Channel 4132



Date: 30.NOV.2020 11:26:08

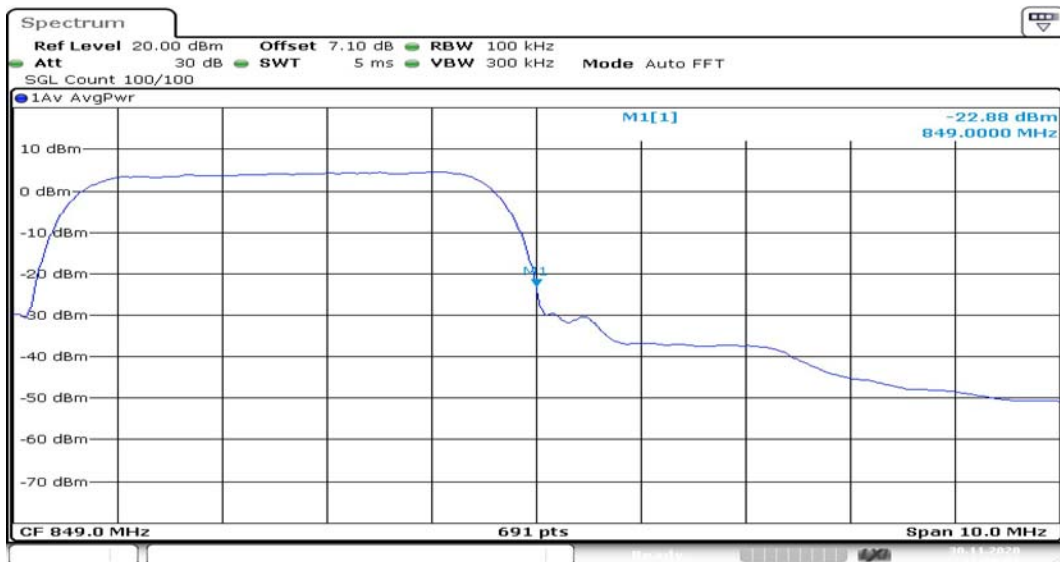
Channel 4233

HSDPA Mode:



Date: 30.NOV.2020 11:46:46

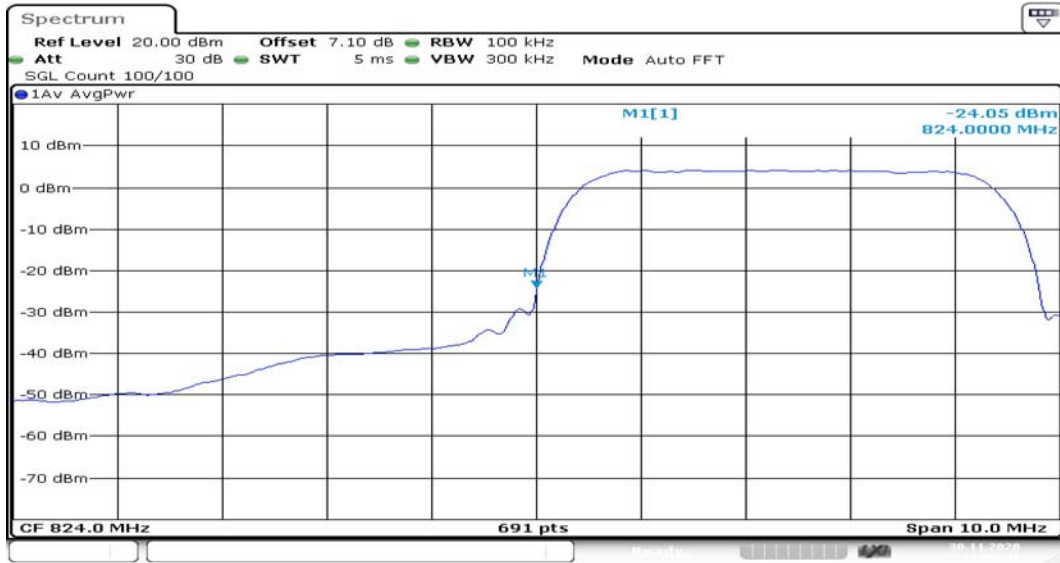
Channel 4132



Date: 30.NOV.2020 11:26:08

Channel 4233

HSUPA Mode:



Date: 30.NOV.2020 11:46:46

Channel 4132



Date: 30.NOV.2020 11:26:08

Channel 4233

Frequency Stability

WCDMA band V

REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-20	-0.002	-0.001	-0.002
-10	0.004	-0.006	0.006
0	0.007	0.002	-0.003
+10	0.007	-0.009	0.004
+20	0.000	0.000	0.000
+30	-0.003	0.008	0.011
+40	-0.001	-0.008	-0.006
+50	0.004	0.002	0.005
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	0.007	-0.003	0.006
HV	-0.002	0.005	0.008

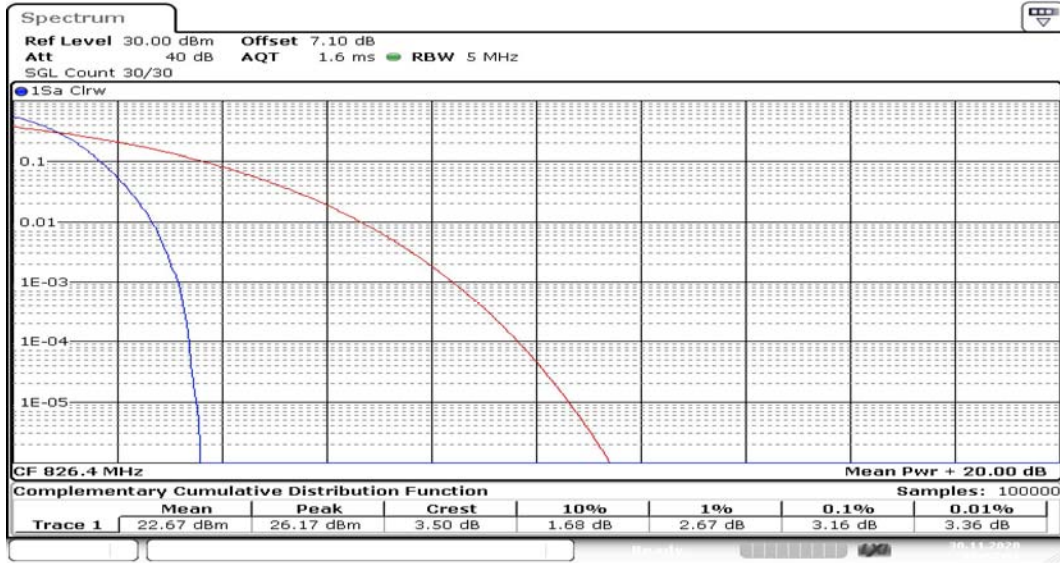
HSDPA Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-20	-0.009	-0.006	0.002
-10	-0.004	-0.001	-0.002
0	0.008	0.007	-0.003
+10	0.003	0.005	-0.003
+20	0.000	0.000	0.000
+30	-0.007	0.003	-0.007
+40	-0.003	0.003	0.006
+50	-0.007	0.002	-0.006
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	-0.005	-0.009	0.008
HV	-0.003	0.001	0.009

HSUPA Mode:

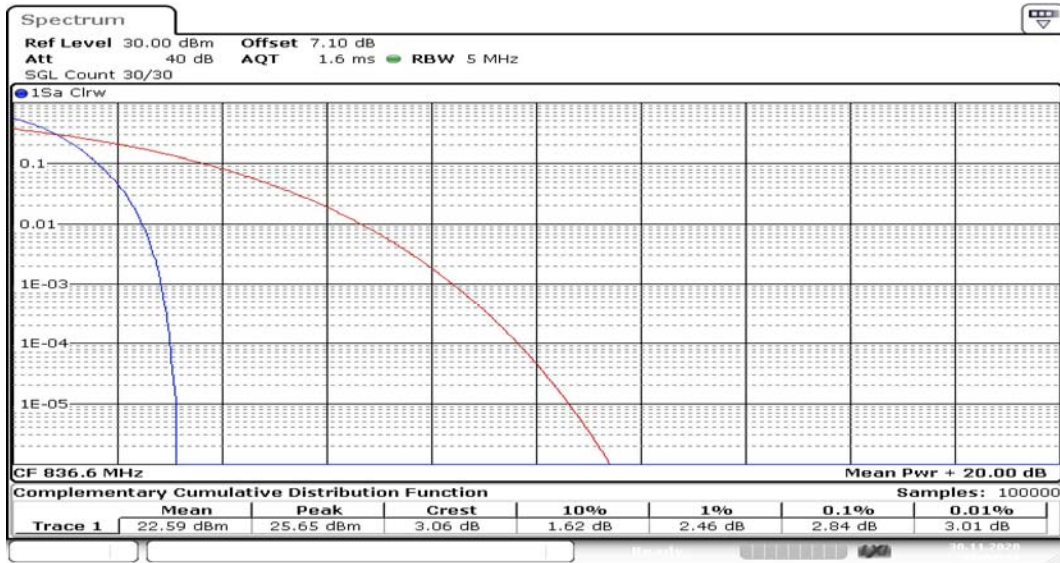
Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-20	0.001	-0.005	-0.002
-10	0.002	-0.001	0.001
0	-0.002	0.008	-0.007
+10	0.001	0.003	-0.001
+20	0.000	0.000	0.000
+30	-0.006	-0.006	-0.005
+40	0.004	0.009	-0.008
+50	0.000	0.006	-0.006
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	-0.003	0.008	0.007
HV	-0.005	-0.004	0.000

Peak-Average Ratio
WCDMA band V
REL99 Mode:



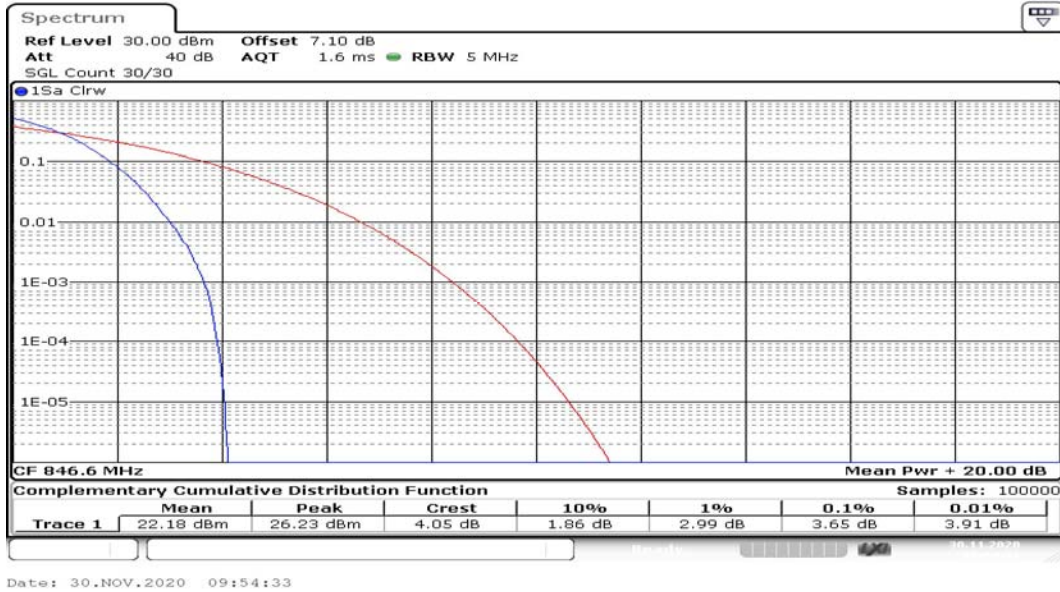
Date: 30.NOV.2020 09:52:54

Channel 4132



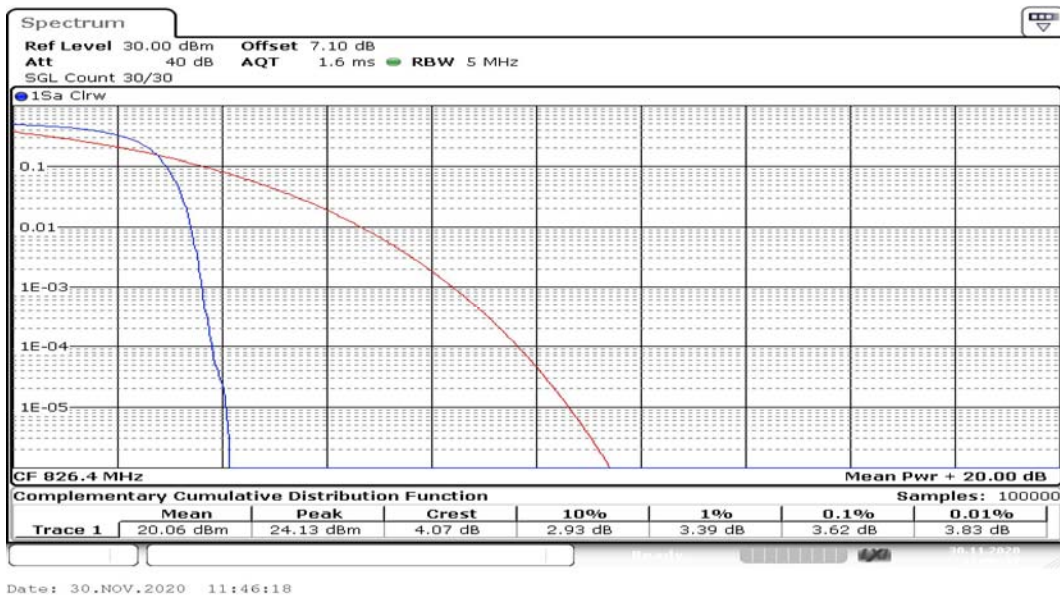
Date: 30.NOV.2020 09:53:46

Channel 4183

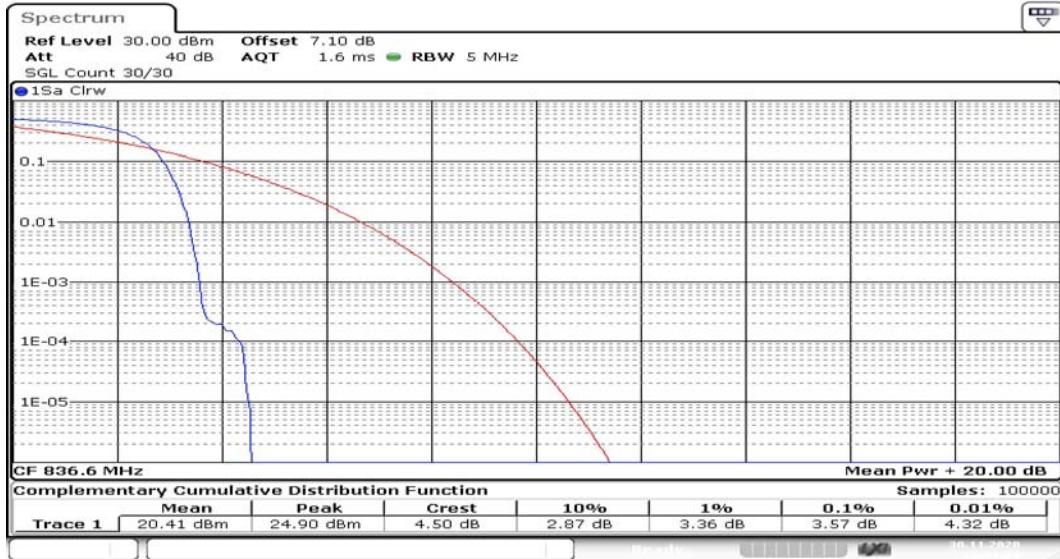


Channel 4233

HSDPA Mode:

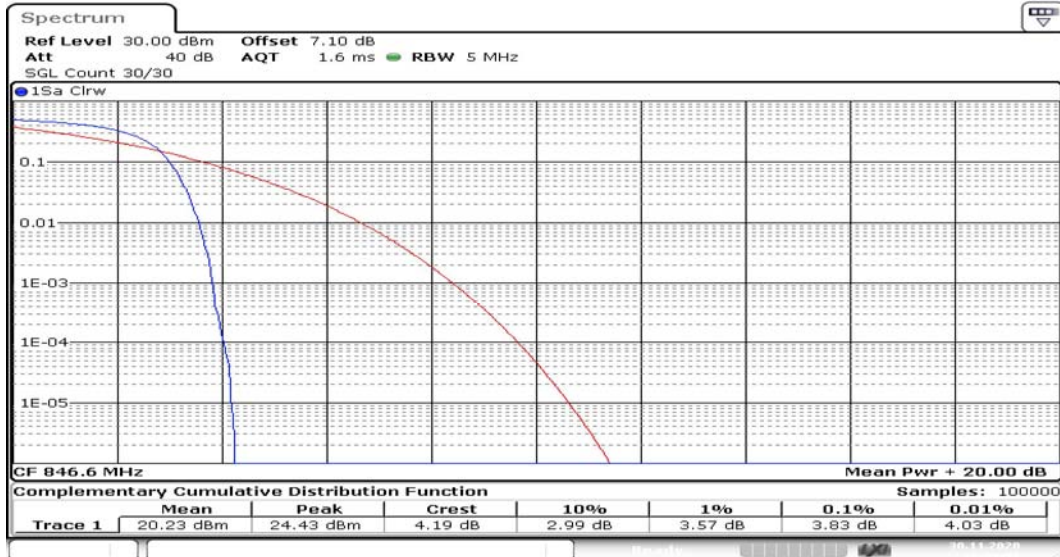


Channel 4132



Date: 30.NOV.2020 10:31:22

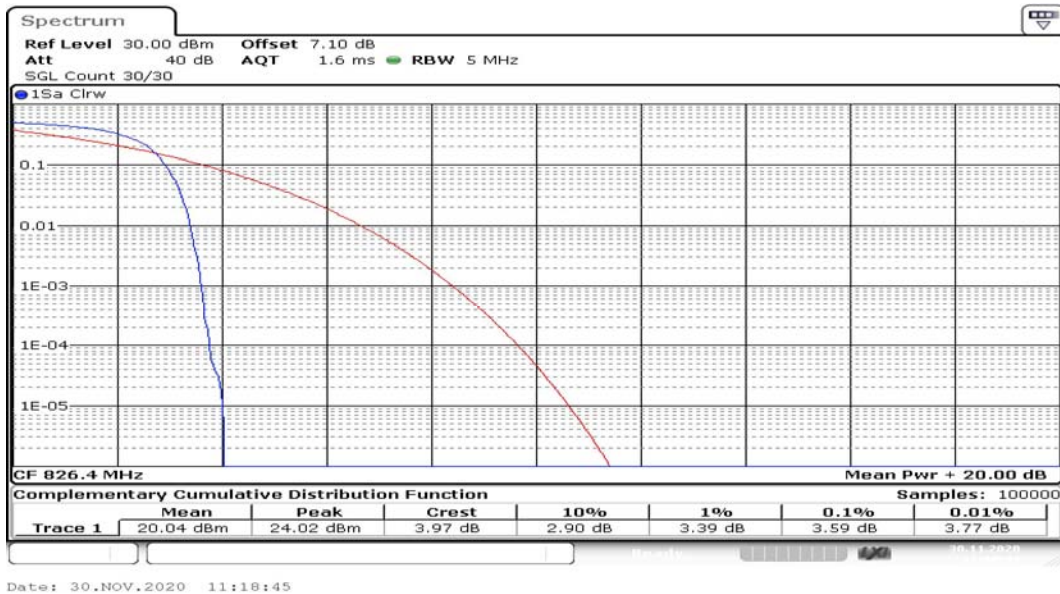
Channel 4183



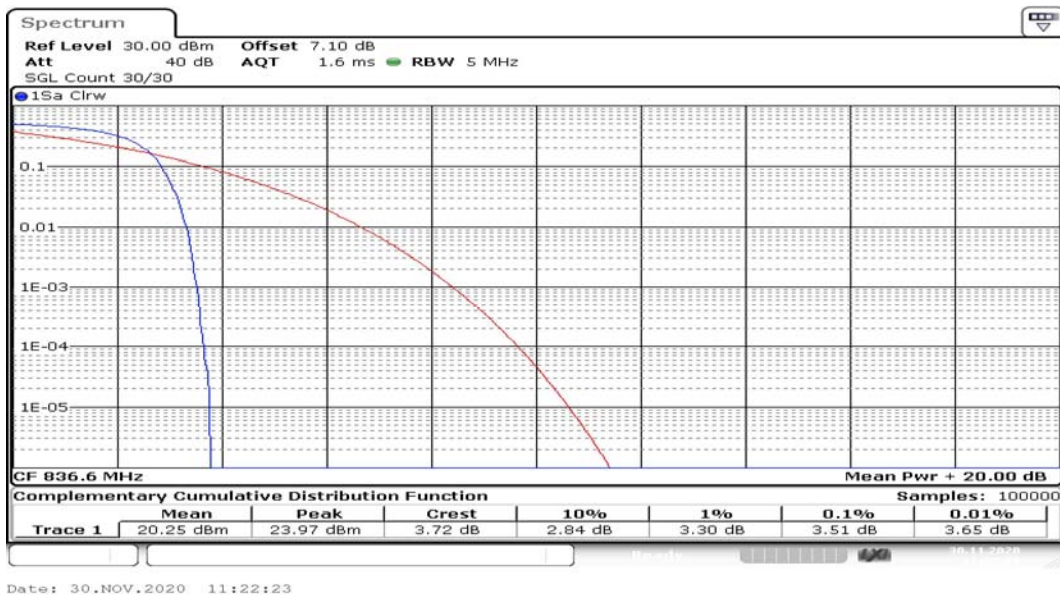
Date: 30.NOV.2020 10:33:56

Channel 4233

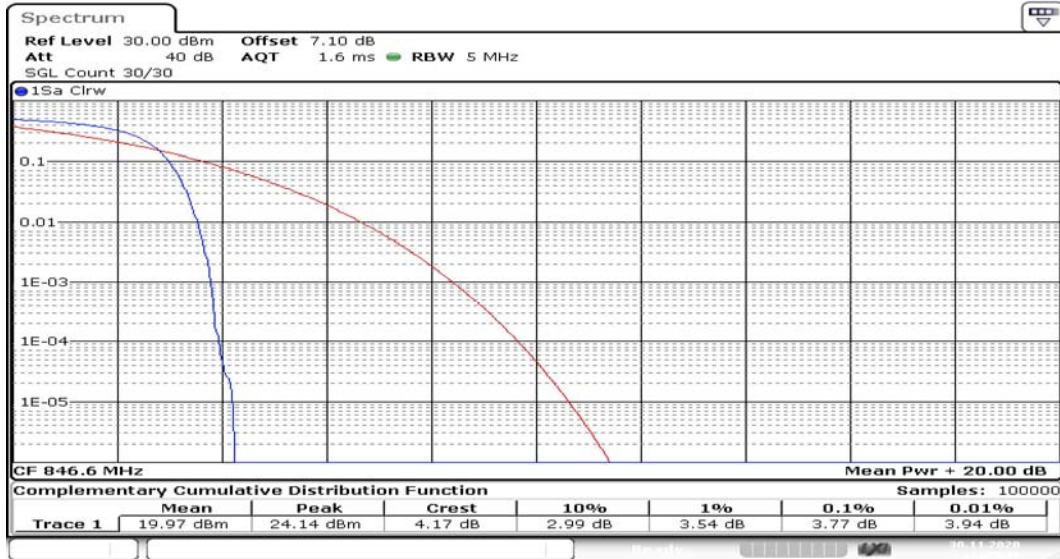
HSUPA Mode:



Channel 4132



Channel 4183



Date: 30.NOV.2020 11:25:39

Channel 4233

Effective Radiated Power and Effective Isotropic Radiated Power

WCDMA band V

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
Release 99	RMC, 12.2 kbps	826.4	4132	21.93	20.28	0.107	
		836.6	4183	21.99	20.34	0.108	
		846.6	4233	21.92	20.27	0.106	
HSDPA	Subtest1	836.6	4183	20.96	19.31	0.085	
		846.6	4233	20.91	19.26	0.084	
		826.4	4132	20.83	19.18	0.083	
	Subtest2	836.6	4183	20.93	19.28	0.085	
		846.6	4233	20.87	19.22	0.084	
		826.4	4132	20.76	19.11	0.081	
	Subtest3	836.6	4183	20.44	18.79	0.076	
		846.6	4233	20.36	18.71	0.074	
		826.4	4132	20.26	18.61	0.073	
	Subtest4	836.6	4183	20.44	18.79	0.076	
		846.6	4233	20.34	18.69	0.074	
		826.4	4132	20.24	18.59	0.072	
	HSUPA	Subtest1	826.4	4132	20.80	19.15	0.082
			836.6	4183	20.95	19.30	0.085
			846.6	4233	20.81	19.16	0.082
Subtest2		826.4	4132	20.81	19.16	0.082	
		836.6	4183	20.97	19.32	0.086	
		846.6	4233	20.79	19.14	0.082	
Subtest3		826.4	4132	20.28	18.63	0.073	
		836.6	4183	20.44	18.79	0.076	
		846.6	4233	20.26	18.61	0.073	
Subtest4		826.4	4132	20.83	19.18	0.083	
		836.6	4183	20.97	19.32	0.086	
		846.6	4233	20.87	19.22	0.084	
Subtest5		826.4	4132	20.28	18.63	0.073	
		836.6	4183	20.42	18.77	0.075	
		846.6	4233	20.34	18.69	0.074	

HSPA+	QPSK	826.4	4132	20.82	19.17	0.083
		836.6	4183	20.94	19.29	0.085
		846.6	4233	20.80	19.15	0.082
	16QAM	826.4	4132	20.80	19.15	0.082
		836.6	4183	20.94	19.29	0.085
		846.6	4233	20.79	19.14	0.082
DC-HSDPA	Subtest1	826.4	4132	20.80	19.15	0.082
		836.6	4183	20.96	19.31	0.085
		846.6	4233	20.84	19.19	0.083
	Subtest2	826.4	4132	20.77	19.12	0.082
		836.6	4183	20.91	19.26	0.084
		846.6	4233	20.79	19.14	0.082
	Subtest3	826.4	4132	20.28	18.63	0.073
		836.6	4183	20.41	18.76	0.075
		846.6	4233	20.26	18.61	0.073
	Subtest4	826.4	4132	20.29	18.64	0.073
		836.6	4183	20.44	18.79	0.076
		846.6	4233	20.26	18.61	0.073

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

WCDMA band II

Test result:

WCDMA Mode:

Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.03	-48.75	-13	Vertical
2782.07	-47.21	-13	Vertical
3726.51	-40.86	-13	Vertical
6675.26	-39.69	-13	Vertical
9962.15	-37.43	-13	Vertical
17820.53	-34.31	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.61	-49.23	-13	Vertical
2780.20	-46.93	-13	Vertical
3727.39	-41.01	-13	Vertical
6678.63	-39.32	-13	Vertical
9961.11	-36.86	-13	Vertical
17821.24	-33.81	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.99	-48.74	-13	Vertical
2782.01	-47.07	-13	Vertical
3725.55	-40.80	-13	Vertical
6676.20	-39.54	-13	Vertical
9959.45	-37.10	-13	Vertical
17822.01	-33.75	-13	Vertical

HSDPA/HSUPA Mode:
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.04	-48.64	-13	Vertical
2779.62	-47.68	-13	Vertical
3726.77	-41.11	-13	Vertical
6676.29	-39.62	-13	Vertical
9961.95	-36.79	-13	Vertical
17821.60	-33.46	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.98	-48.99	-13	Vertical
2781.10	-47.51	-13	Vertical
3725.37	-41.32	-13	Vertical
6678.89	-39.61	-13	Vertical
9960.93	-37.63	-13	Vertical
17821.44	-34.35	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.87	-48.61	-13	Vertical
2782.02	-46.99	-13	Vertical
3726.13	-40.65	-13	Vertical
6676.19	-39.69	-13	Vertical
9963.33	-37.11	-13	Vertical
17818.75	-33.59	-13	Vertical

WCDMA band IV

Test result:

WCDMA Mode:

Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.61	-49.07	-13	Vertical
2781.42	-47.59	-13	Vertical
3726.81	-40.83	-13	Vertical
6678.44	-39.37	-13	Vertical
9961.32	-36.81	-13	Vertical
17818.38	-34.07	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.77	-49.27	-13	Vertical
2780.37	-47.65	-13	Vertical
3726.53	-41.08	-13	Vertical
6676.51	-39.74	-13	Vertical
9960.08	-37.46	-13	Vertical
17819.43	-34.26	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.53	-49.43	-13	Vertical
2778.41	-47.85	-13	Vertical
3726.42	-40.40	-13	Vertical
6676.09	-39.46	-13	Horizontal
9962.26	-37.67	-13	Vertical
17819.12	-34.31	-13	Vertical

HSDPA/HSUPA Mode:
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.29	-49.03	-13	Vertical
2778.70	-47.08	-13	Vertical
3724.93	-40.53	-13	Vertical
6676.58	-39.60	-13	Vertical
9959.92	-36.97	-13	Vertical
17819.85	-34.11	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.58	-49.23	-13	Vertical
2779.19	-46.92	-13	Vertical
3727.25	-40.88	-13	Vertical
6677.19	-39.58	-13	Vertical
9959.52	-37.52	-13	Vertical
17819.02	-33.90	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.46	-49.00	-13	Vertical
2778.76	-47.47	-13	Vertical
3725.82	-40.95	-13	Vertical
6677.96	-39.77	-13	Vertical
9963.11	-37.01	-13	Vertical
17821.72	-33.77	-13	Horizontal

WCDMA band V

Test result:

WCDMA Mode:

Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.01	-53.40	-13	Vertical
1666.94	-50.92	-13	Vertical
2534.81	-44.44	-13	Vertical
2575.67	-44.54	-13	Vertical
8963.49	-39.38	-13	Horizontal
9970.60	-36.23	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.98	-53.44	-13	Horizontal
1667.53	-50.80	-13	Vertical
2535.55	-44.05	-13	Vertical
2575.40	-43.84	-13	Vertical
8961.78	-39.91	-13	Vertical
9971.66	-36.75	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.11	-52.86	-13	Vertical
1666.99	-51.72	-13	Horizontal
2535.20	-44.20	-13	Vertical
2575.67	-44.10	-13	Vertical
8963.98	-39.07	-13	Vertical
9972.59	-35.95	-13	Vertical

HSDPA/HSUPA Mode:
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.40	-52.92	-13	Vertical
1668.68	-50.95	-13	Vertical
2532.89	-44.50	-13	Vertical
2576.47	-43.92	-13	Vertical
8962.89	-39.82	-13	Horizontal
9970.31	-36.85	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.58	-53.14	-13	Vertical
1668.29	-51.45	-13	Vertical
2533.86	-44.78	-13	Vertical
2578.66	-44.59	-13	Vertical
8960.90	-39.56	-13	Vertical
9971.37	-36.85	-13	Horizontal

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.88	-52.87	-13	Vertical
1668.65	-50.96	-13	Vertical
2533.50	-44.26	-13	Vertical
2578.82	-44.44	-13	Horizontal
8962.24	-39.10	-13	Vertical
9970.62	-36.49	-13	Vertical

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