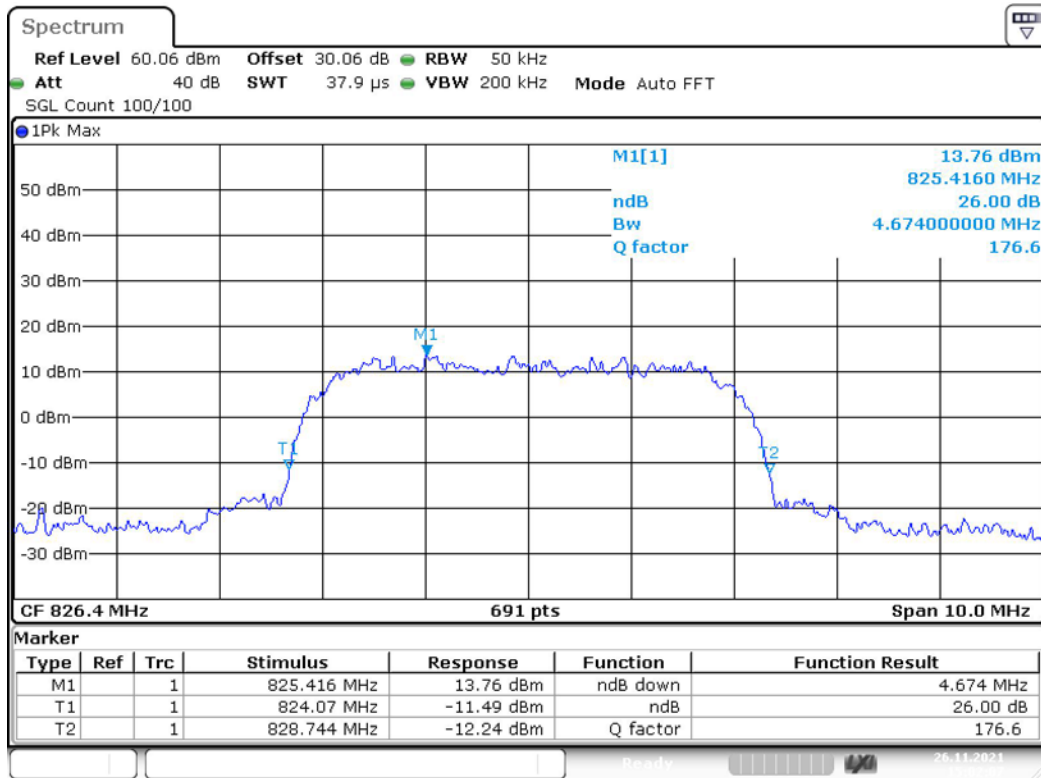
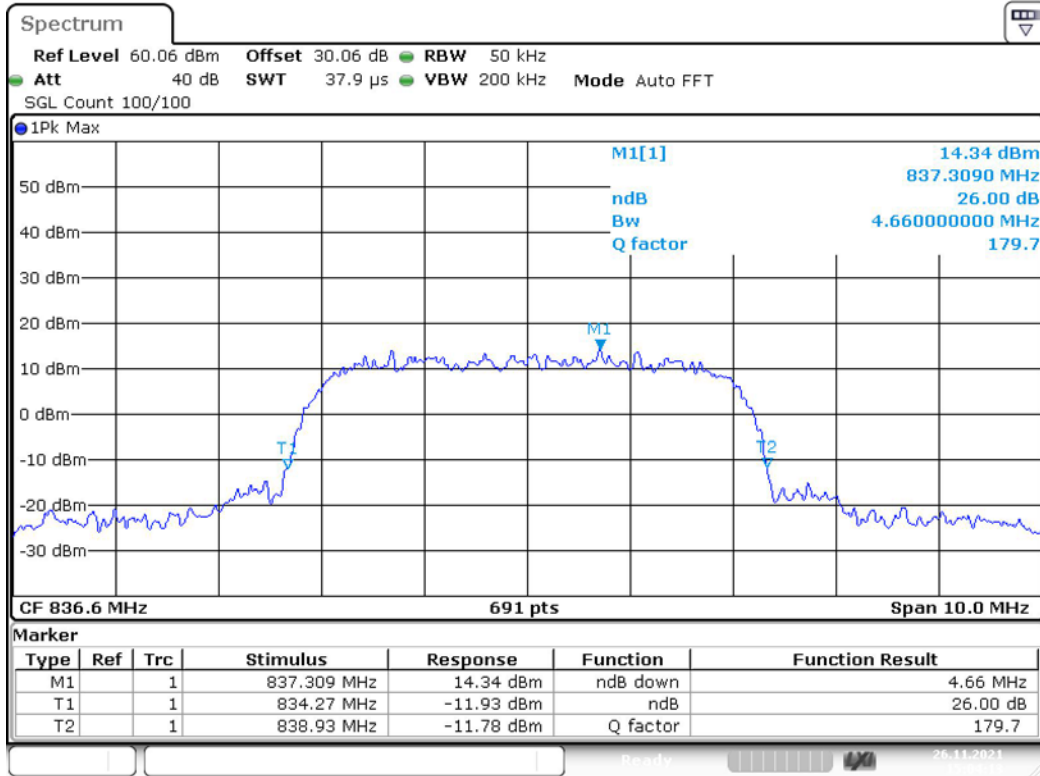


Channel 4233

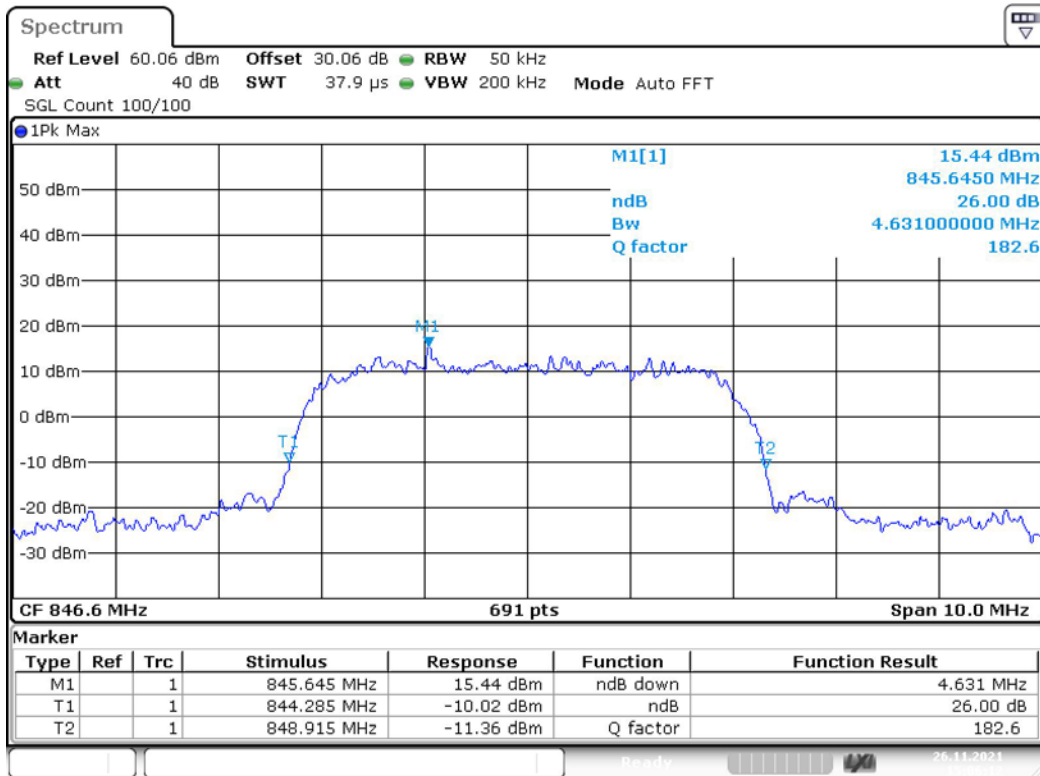
HSPA+ Mode:



Channel 4132

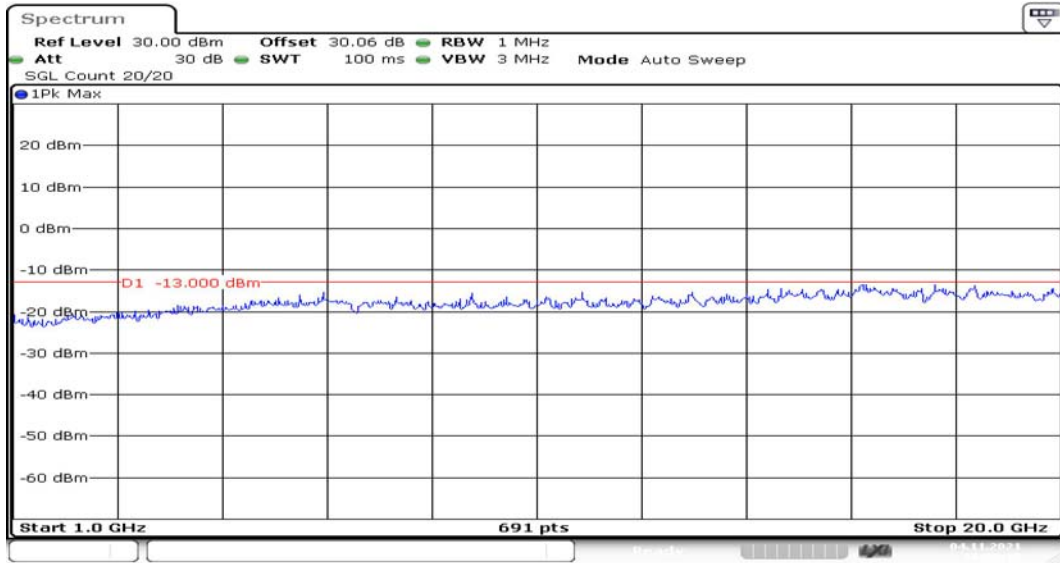


Channel 4183



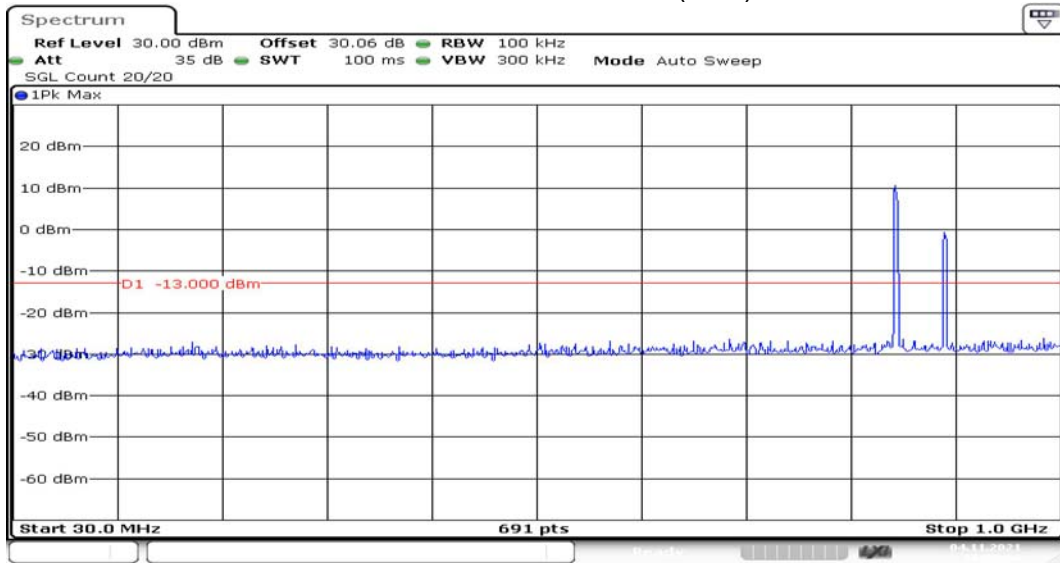
Channel 4233

4. Spurious Emissions at antenna terminal
WCDMA band V
REL99 Mode:



Date: 4.NOV.2021 16:32:18

Channel 4183 1GHz~20GHz(dBm)

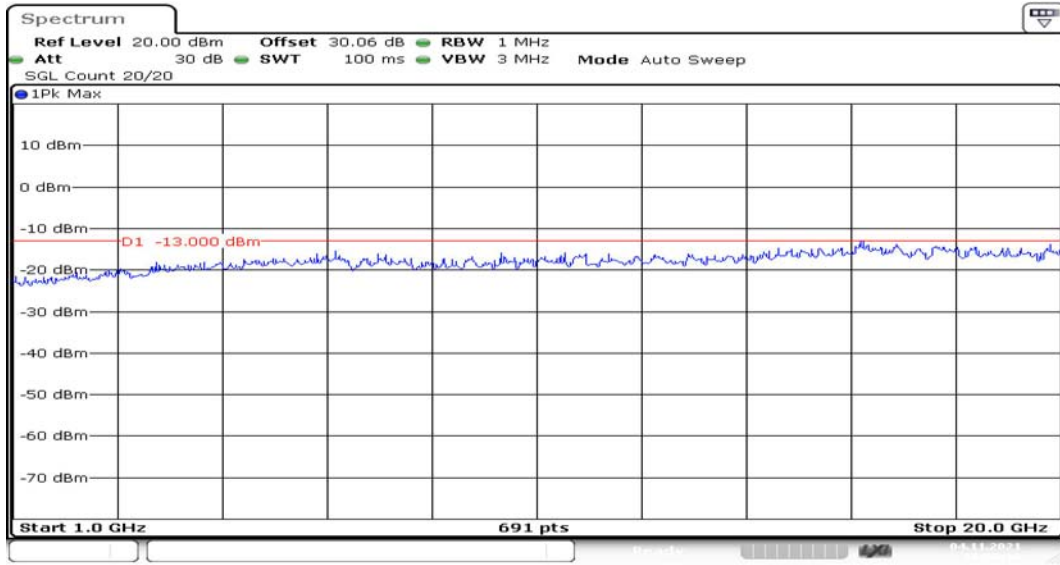


Date: 4.NOV.2021 16:32:08

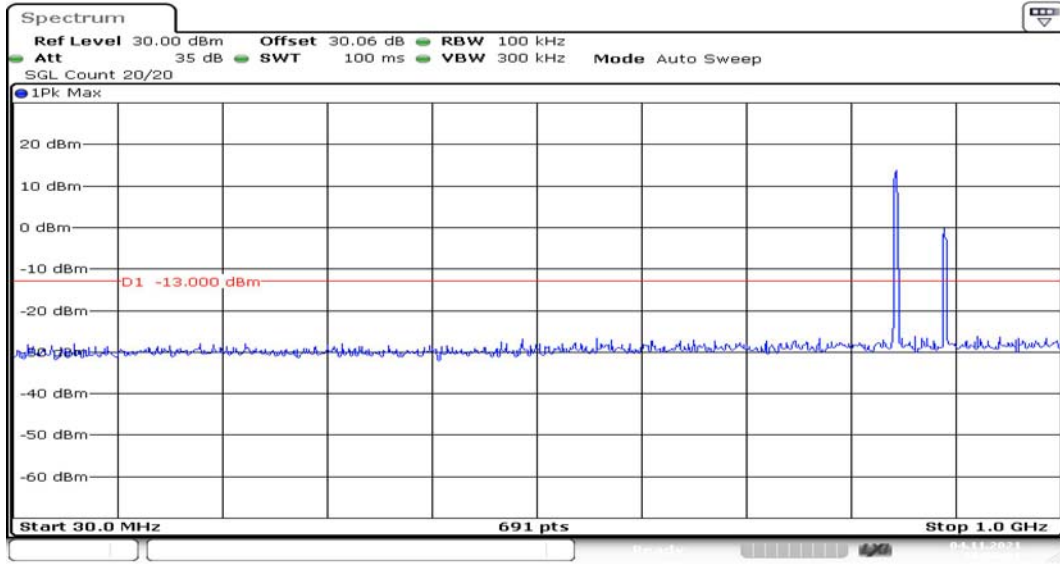
Channel 4183 30MHz~1GHz(dBm)

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

HSDPA Mode:



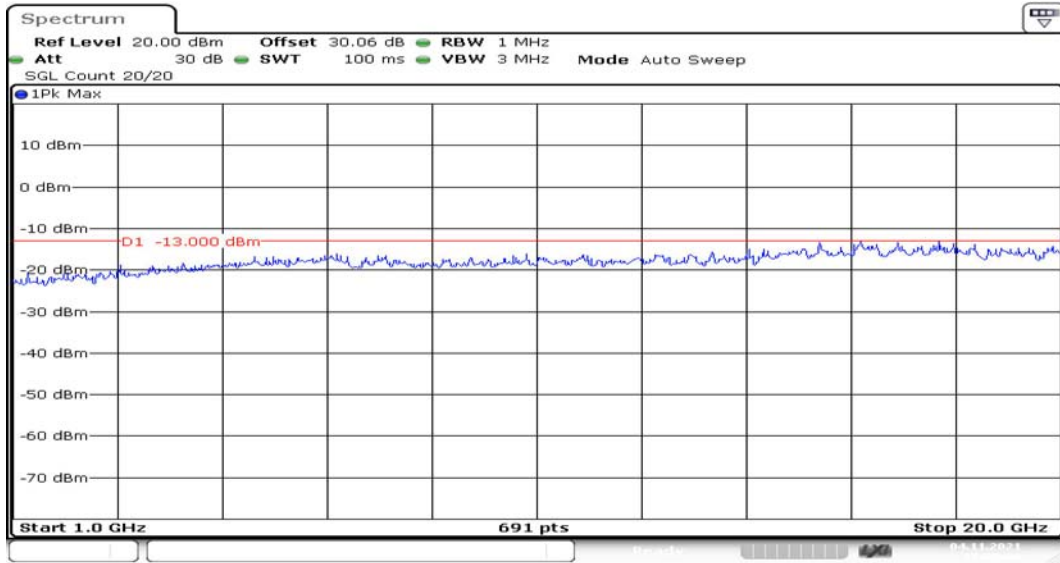
Channel 4183 1GHz~20GHz(dBm)



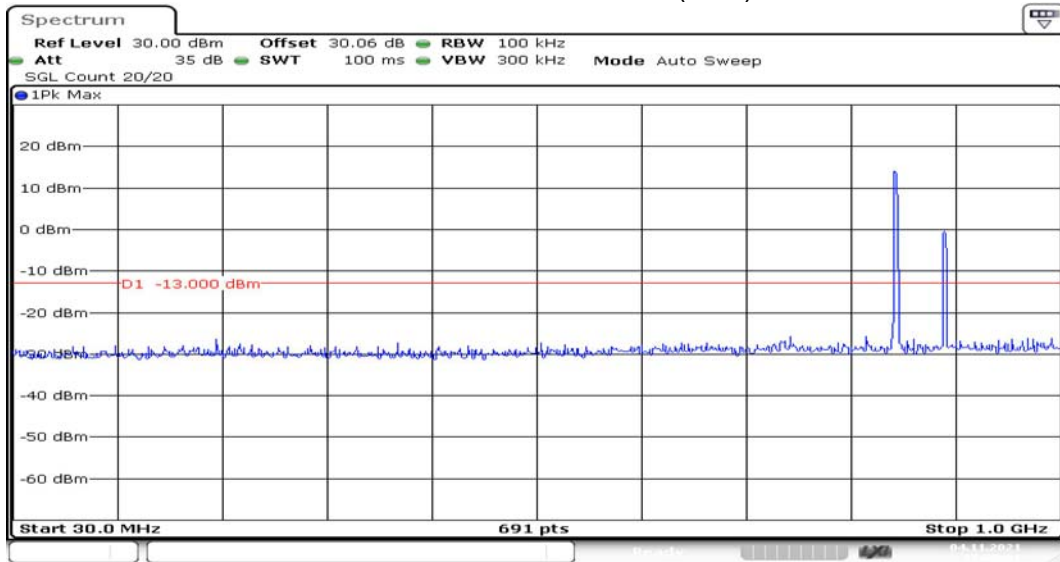
Channel 4183 30MHz~1GHz(dBm)

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

HSUPA Mode:



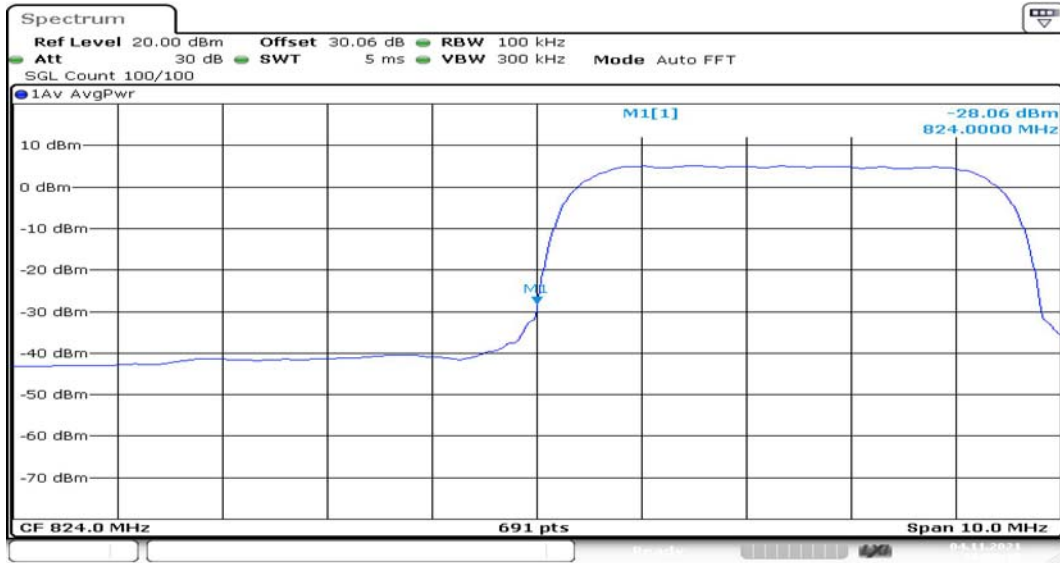
Channel 4183 1GHz~20GHz(dBm)



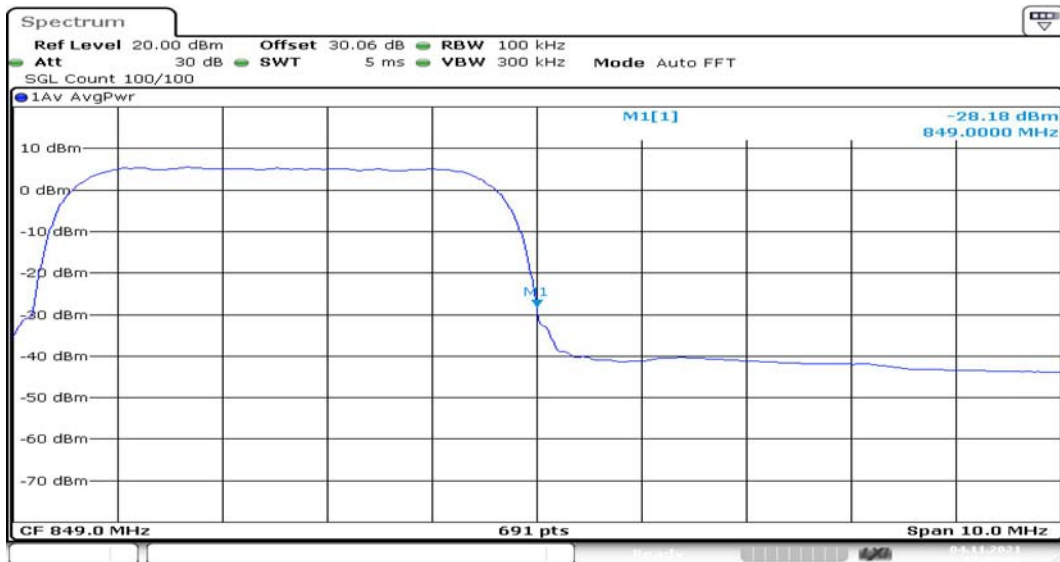
Channel 4183 30MHz~1GHz(dBm)

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

HSDPA Mode:

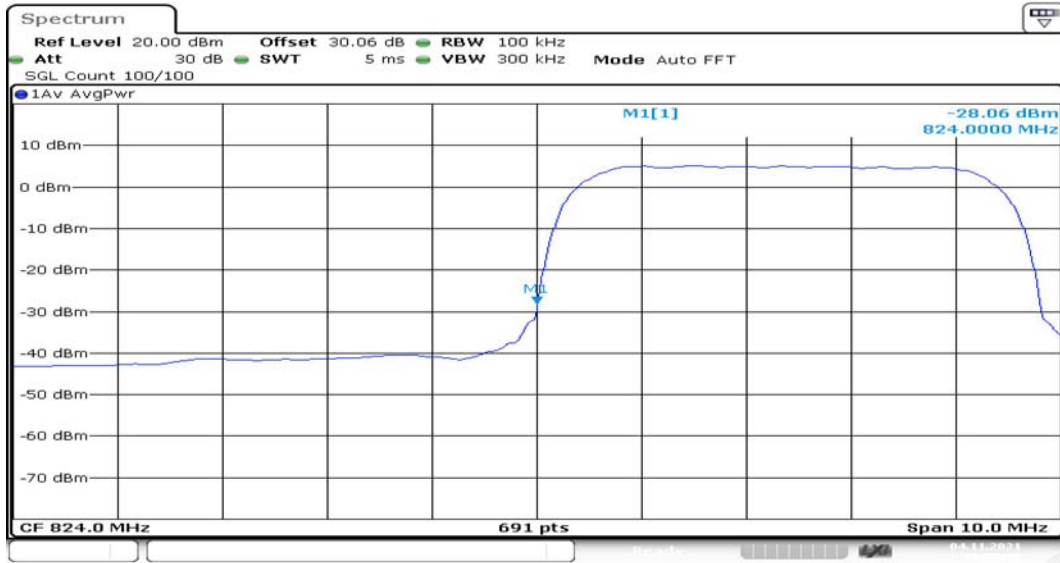


Channel 4132



Channel 4233

HSUPA Mode:



Date: 4.NOV.2021 16:58:15

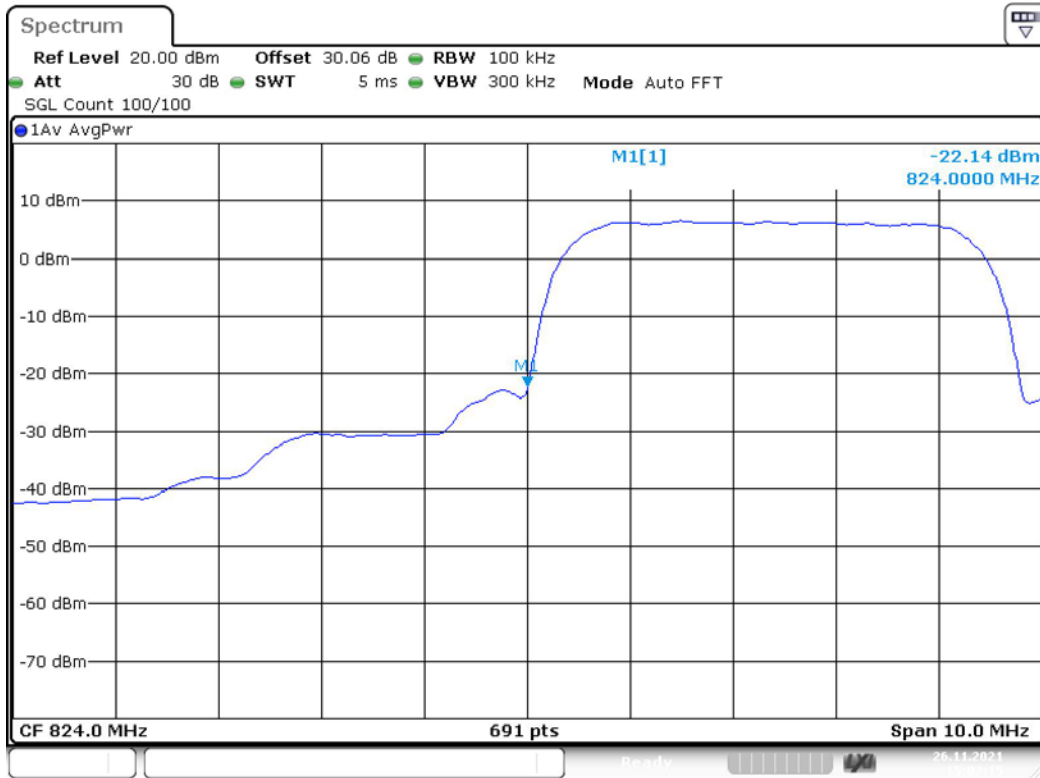
Channel 4132



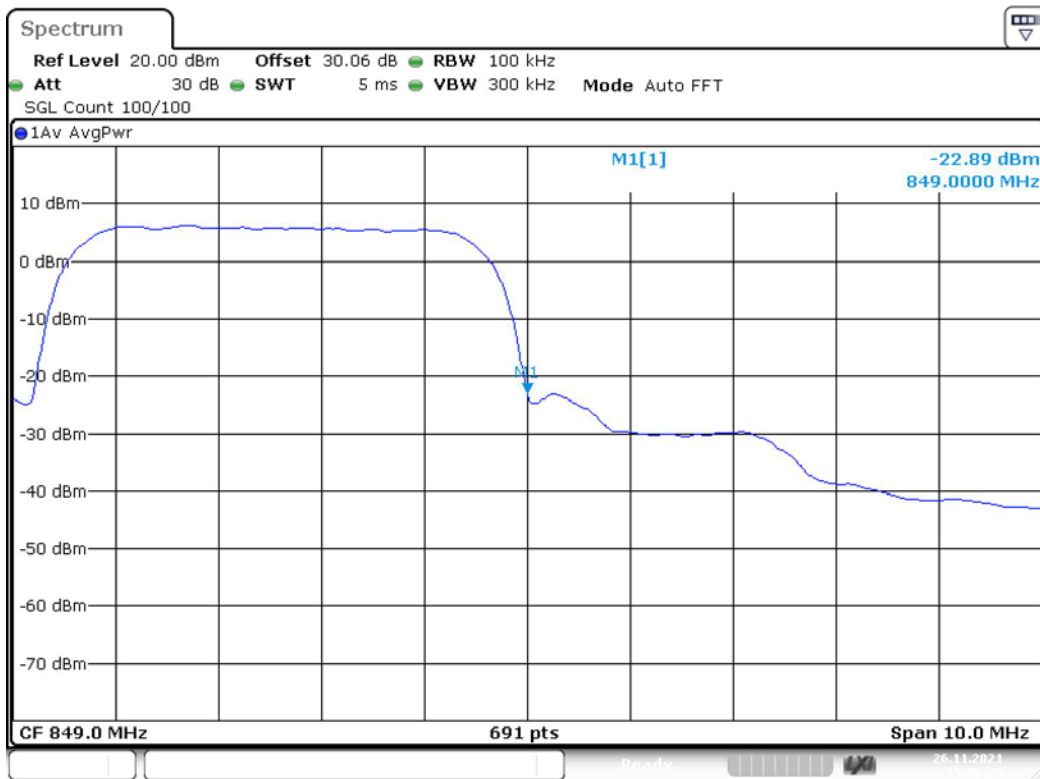
Date: 4.NOV.2021 17:07:49

Channel 4233

HSPA+ Mode:



Channel 4132



Channel 4233

6. Frequency Stability

WCDMA band V

REL99 Mode:

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

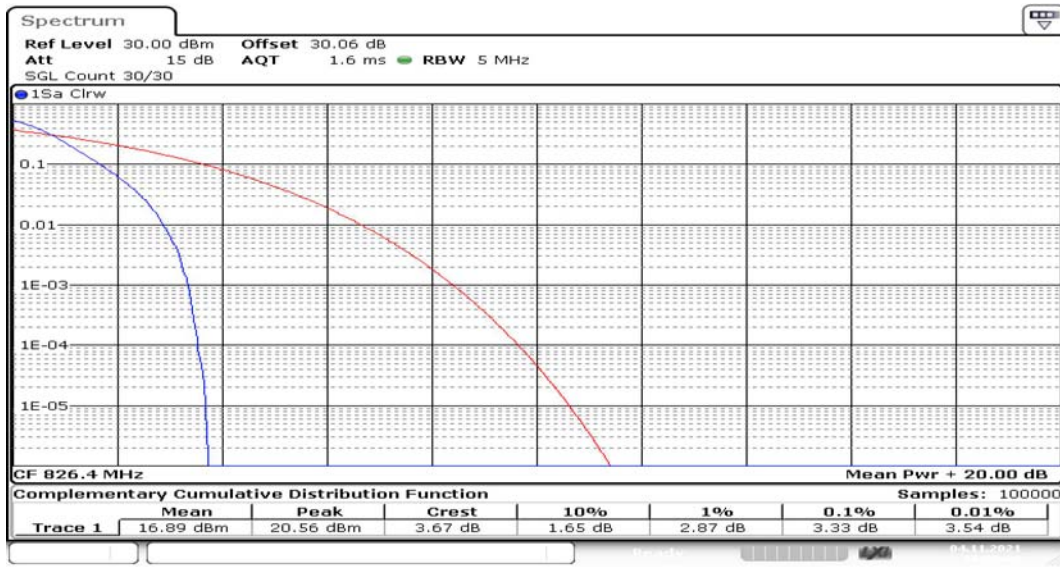
HSDPA Mode:

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

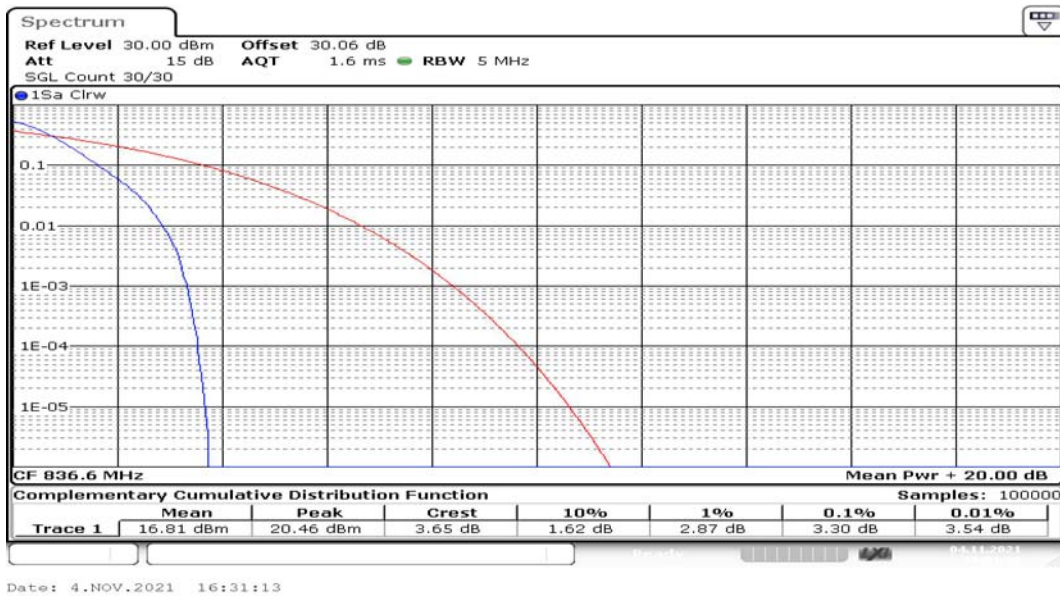
HSUPA Mode:

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

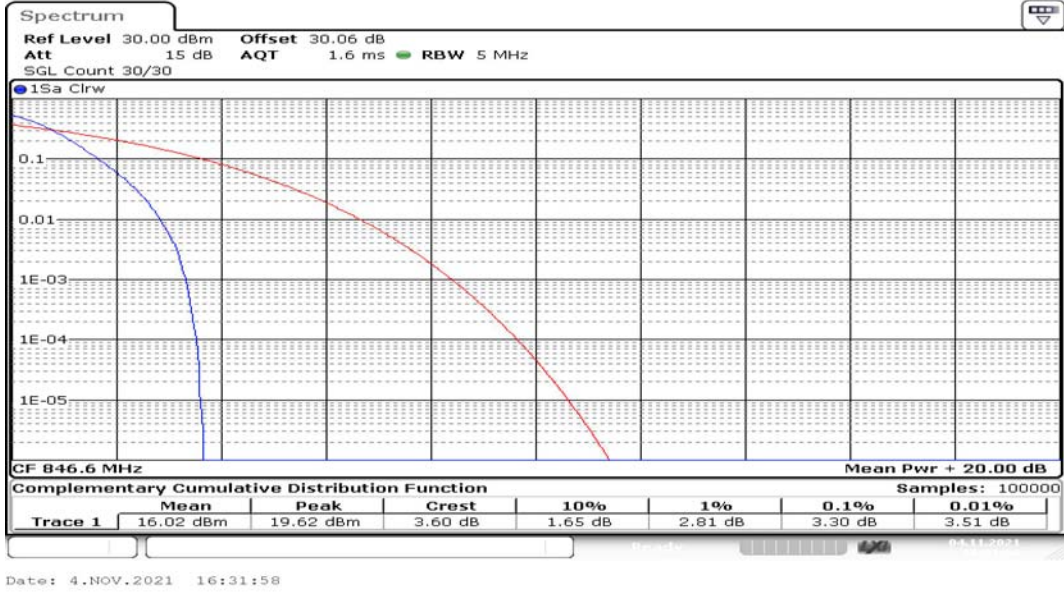
7. Peak-Average Ratio
WCDMA band V
REL99 Mode:



Channel 4132

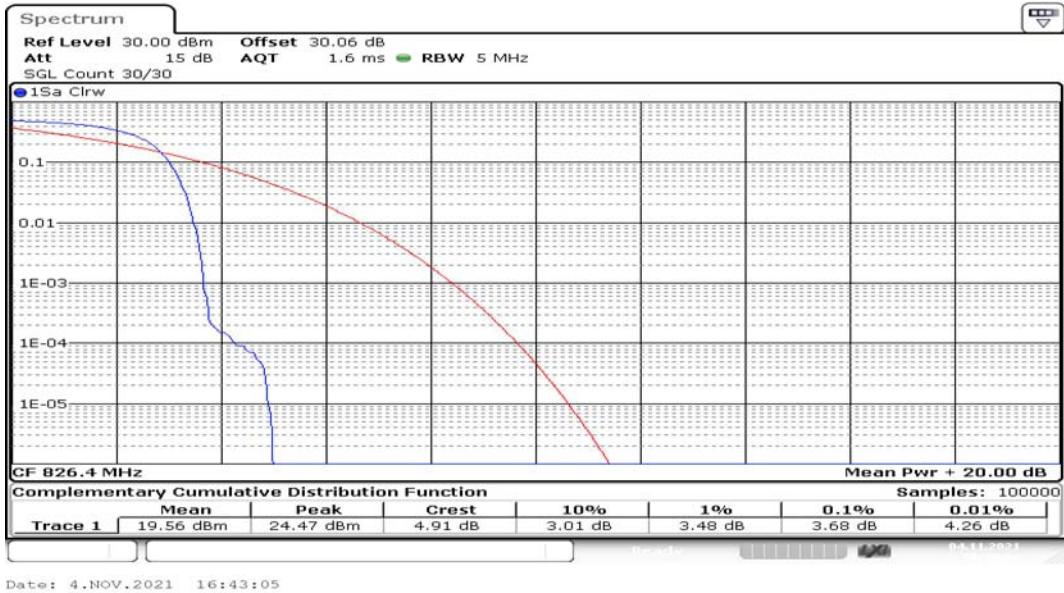


Channel 4183

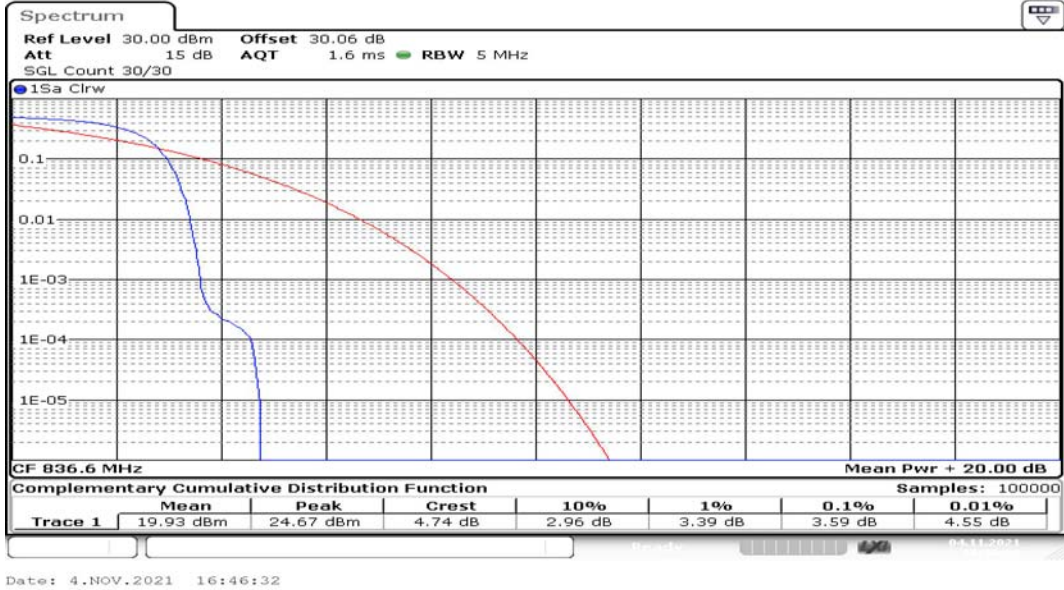


Channel 4233

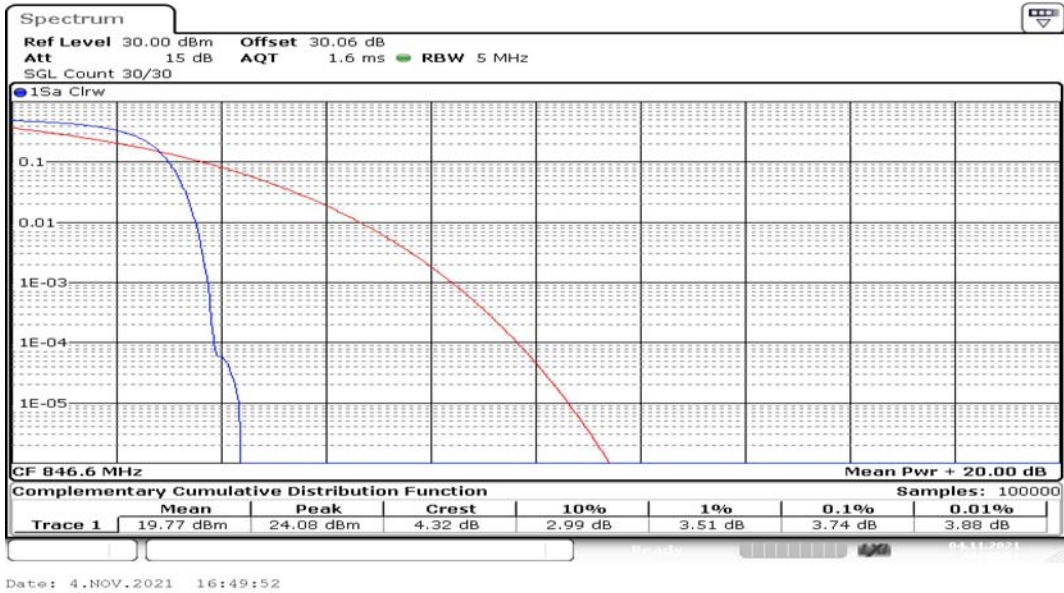
HSDPA Mode:



Channel 4132

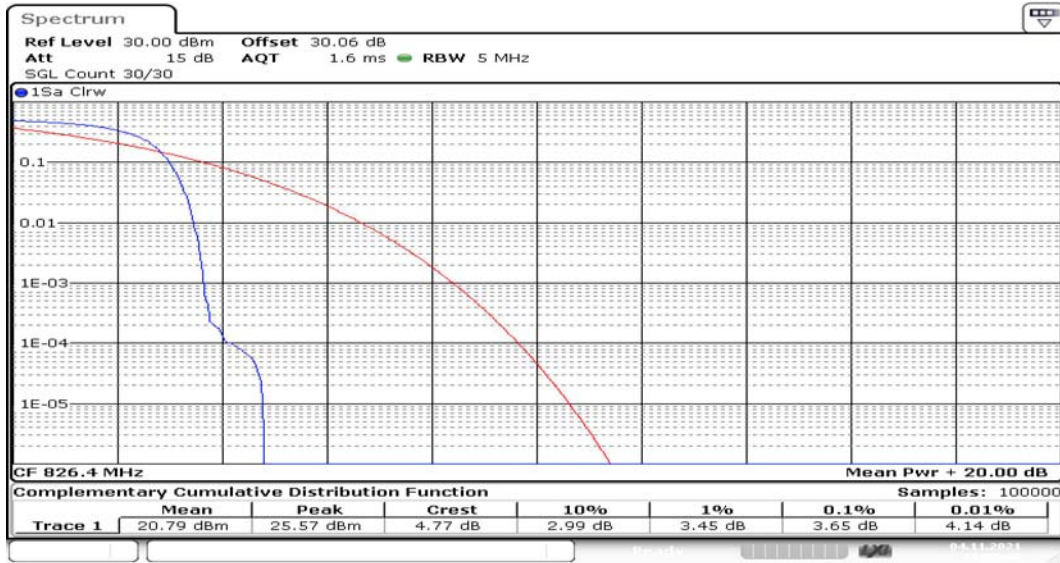


Channel 4183



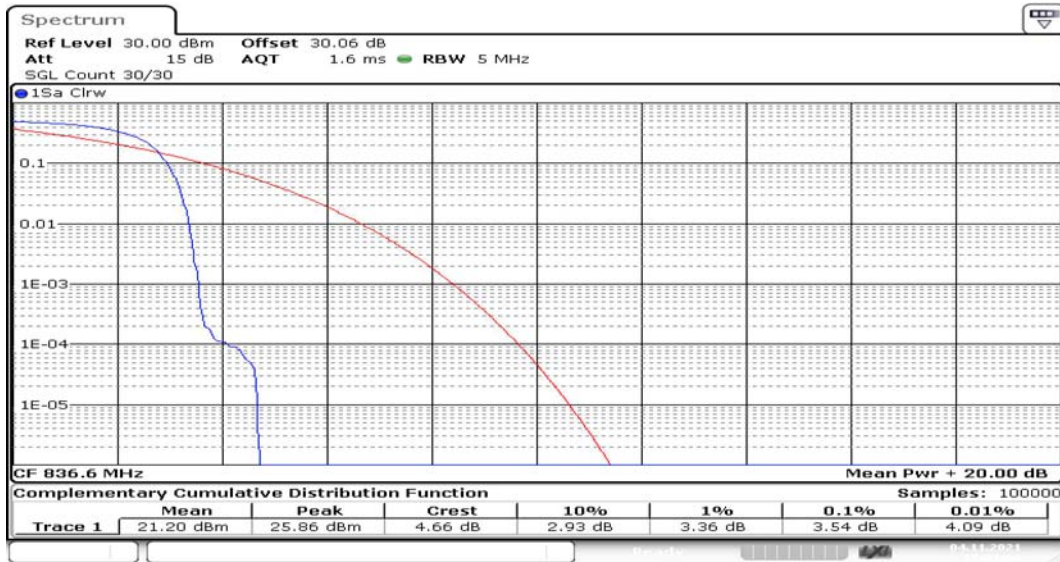
Channel 4233

HSUPA Mode:



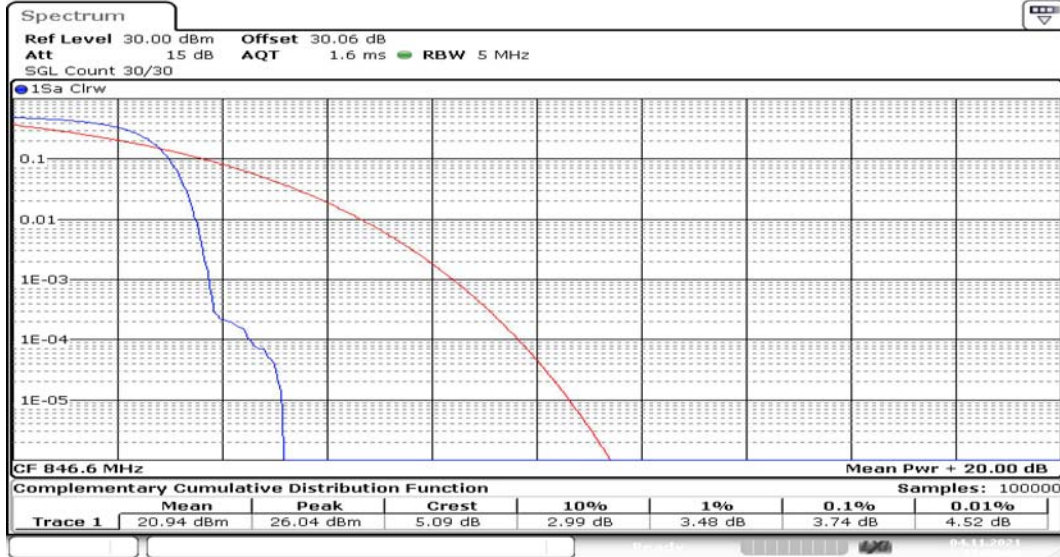
Date: 4.NOV.2021 16:57:48

Channel 4132



Date: 4.NOV.2021 17:01:59

Channel 4183



Date: 4.NOV.2021 17:07:21

Channel 4233

8. 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, 12.2kps	826.4	4132	22.58	19.39	0.087
		836.6	4183	22.67	19.48	0.089
		846.6	4233	22.9	19.71	0.094
HSDPA	Subtest1	826.4	4132	21.49	18.30	0.068
		836.6	4183	22.06	18.87	0.077
		846.6	4233	21.92	18.73	0.075
	Subtest2	826.4	4132	21.29	18.10	0.065
		836.6	4183	21.74	18.55	0.072
		846.6	4233	21.66	18.47	0.070
	Subtest3	826.4	4132	21.04	17.85	0.061
		836.6	4183	21.45	18.26	0.067
		846.6	4233	21.41	18.22	0.066
	Subtest4	826.4	4132	20.92	17.73	0.059
		836.6	4183	21.33	18.14	0.065
		846.6	4233	21.28	18.09	0.064
HSUPA	Subtest1	826.4	4132	22.24	19.05	0.080
		836.6	4183	22.73	19.54	0.090
		846.6	4233	22.54	19.35	0.086
	Subtest2	826.4	4132	22.22	19.03	0.080
		836.6	4183	22.75	19.56	0.090
		846.6	4233	22.55	19.36	0.086
	Subtest3	826.4	4132	22.23	19.04	0.080
		836.6	4183	22.71	19.52	0.090
		846.6	4233	22.51	19.32	0.086
	Subtest4	826.4	4132	22.3	19.11	0.081
		836.6	4183	22.73	19.54	0.090
		846.6	4233	22.6	19.41	0.087
	Subtest5	826.4	4132	22.19	19.00	0.079
		836.6	4183	22.69	19.50	0.089
		846.6	4233	22.49	19.30	0.085

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSPA+	QPSK	826.4	4132	22.44	19.25	0.084
		836.6	4183	22.87	19.68	0.093
		846.6	4233	22.62	19.43	0.088
	16QAM	826.4	4132	22.26	19.07	0.081
		836.6	4183	22.81	19.62	0.092
		846.6	4233	22.52	19.33	0.086

Secondary Supply

WCDMA band II

1. RF Power Output

WCDMA band II

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
Release 99	RMC, 12.2kbps	1852.4	9262	22.61
		1880	9400	22.44
		1907.6	9538	22.85

2. Occupied Bandwidth

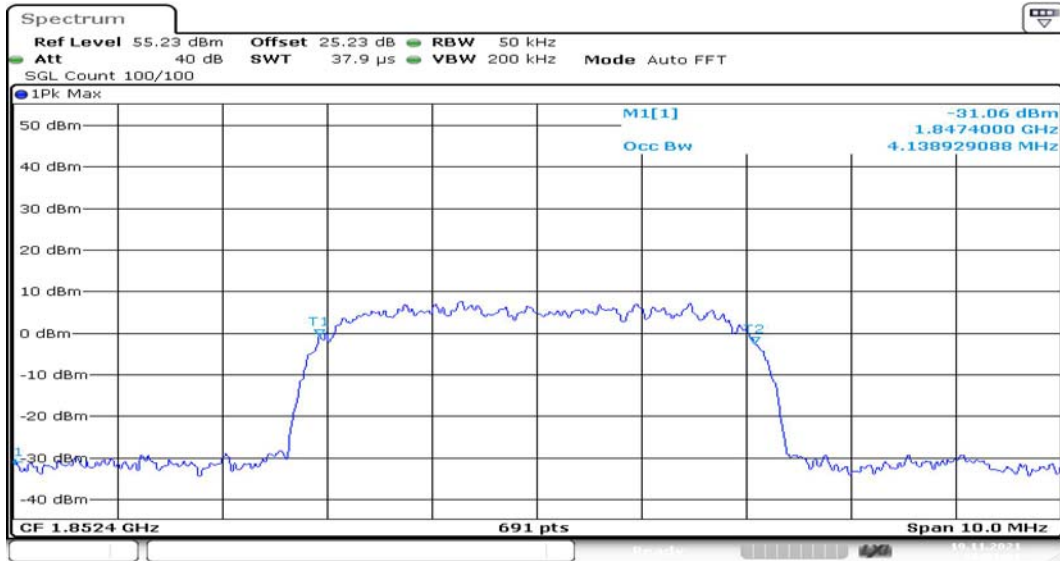
WCDMA band II

REL99 Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
1852.4	9262	4.14
1880	9400	4.15
1907.6	9538	4.14

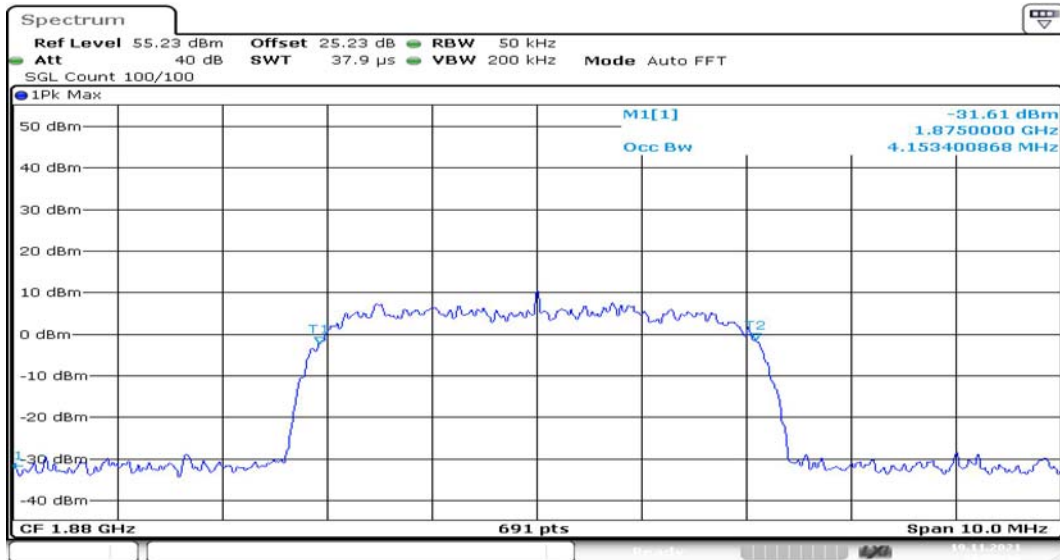
WCDMA band II

REL99 Mode:



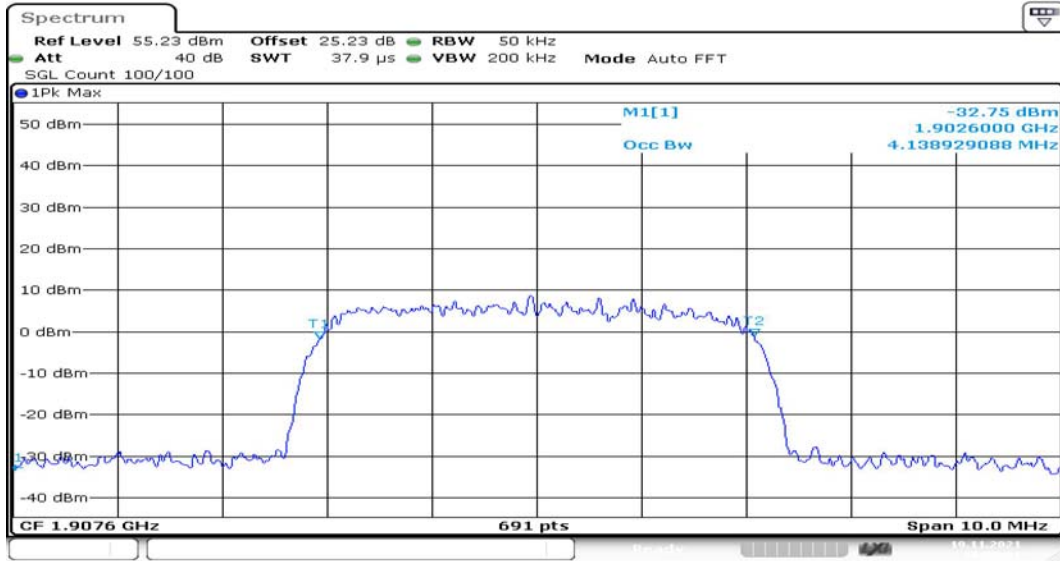
Date: 19.NOV.2021 16:01:22

Channel 9262



Date: 19.NOV.2021 16:02:16

Channel 9400



Date: 19.NOV.2021 16:03:01

Channel 9538

3. Emission Bandwidth

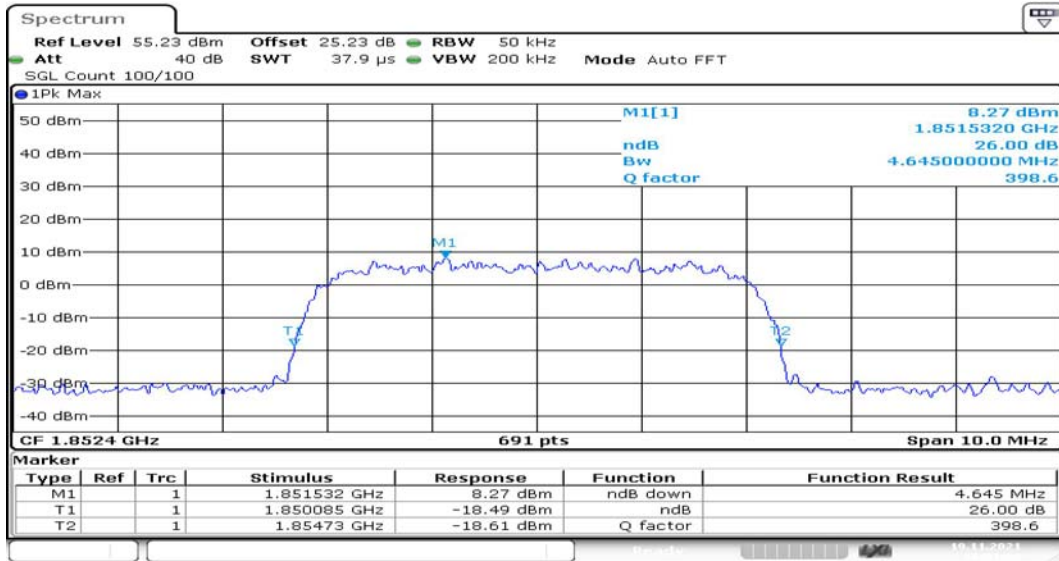
WCDMA band II

REL99 Mode:

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
1852.4	9262	4.65
1880	9400	4.63
1907.6	9538	4.63

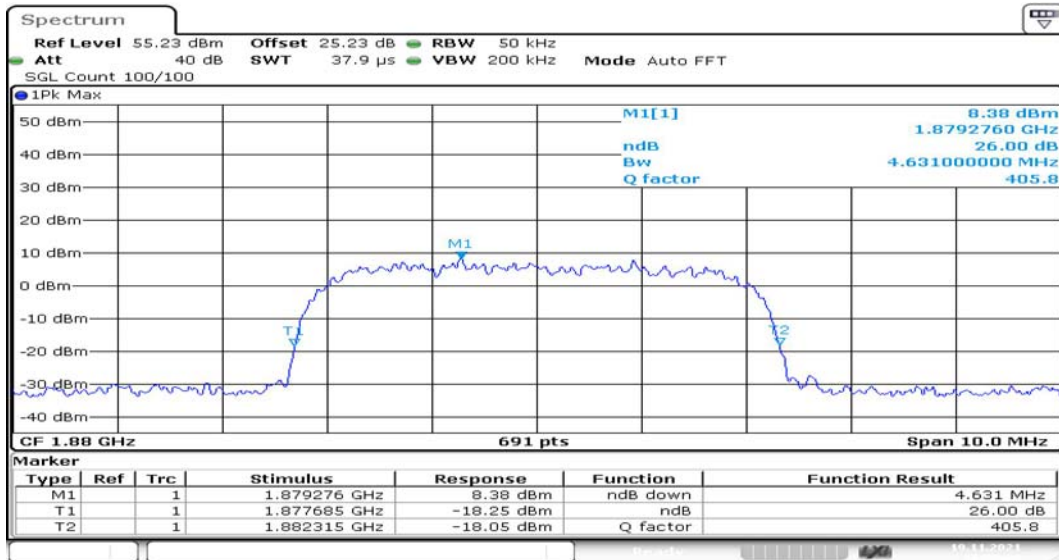
WCDMA band II

REL99 Mode:



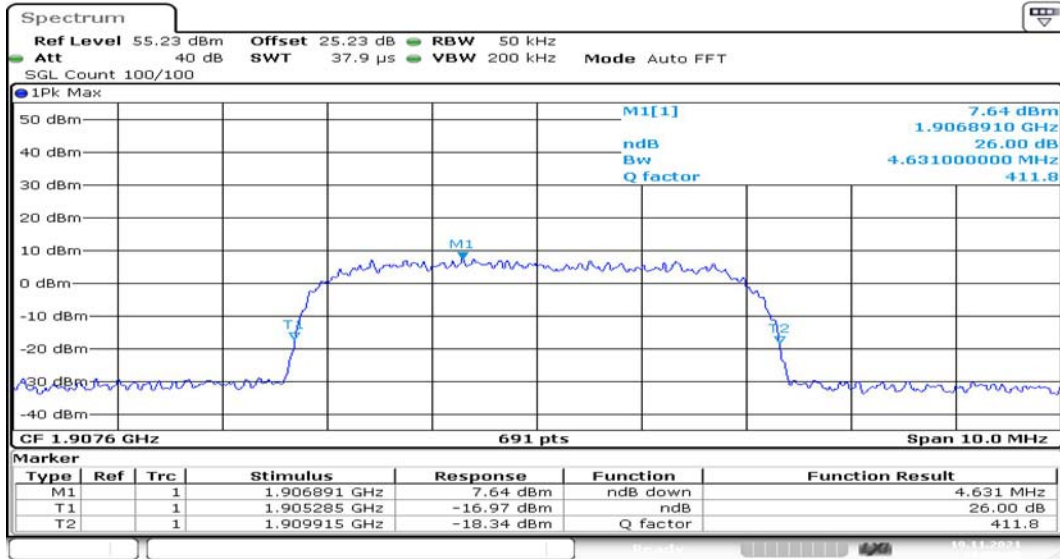
Date: 19.NOV.2021 16:01:26

Channel 9262



Date: 19.NOV.2021 16:02:20

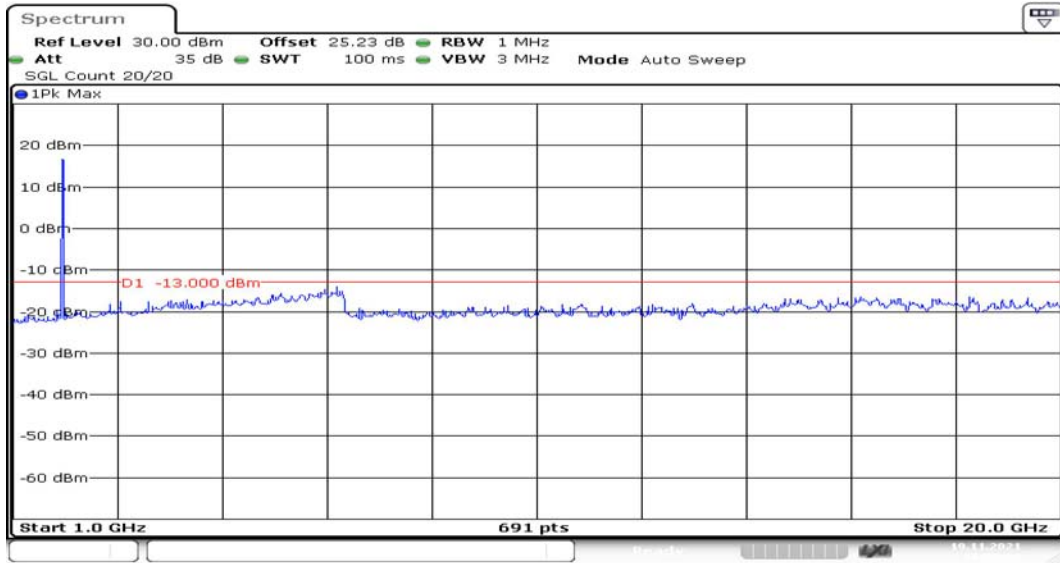
Channel 9400



Date: 19.NOV.2021 16:03:06

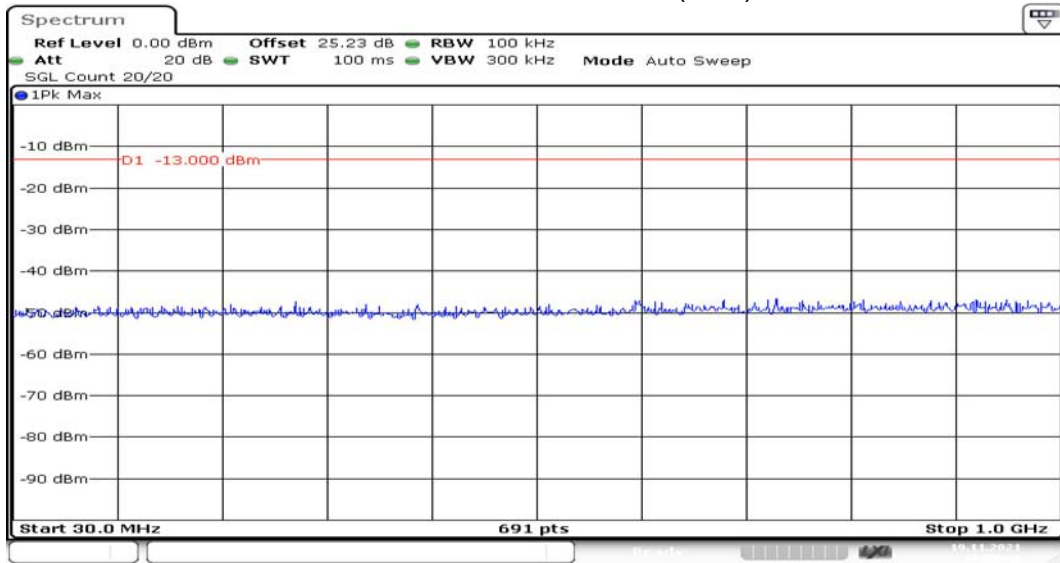
Channel 9538

4. Spurious Emissions at antenna terminal
WCDMA band II
REL99 Mode:



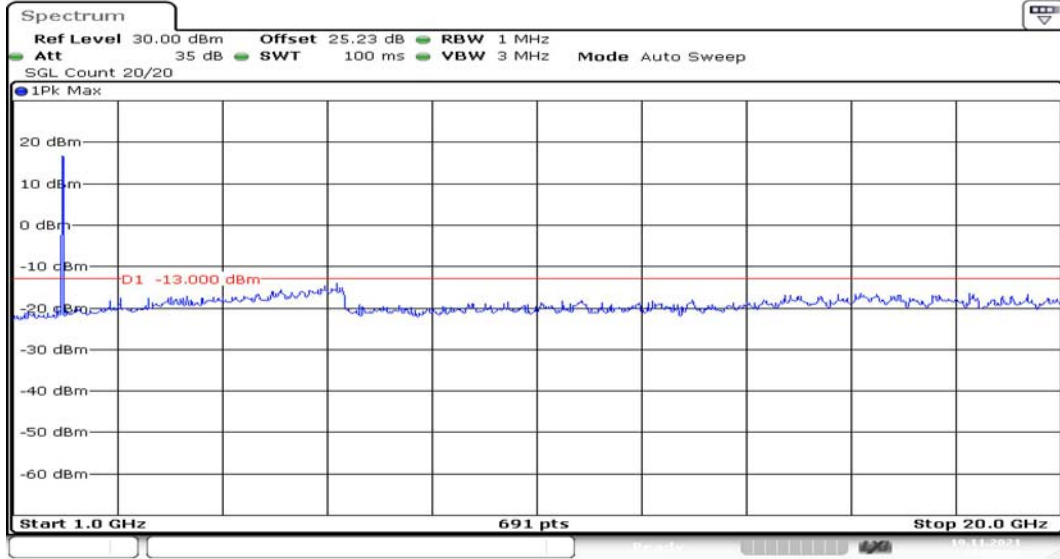
Date: 19.NOV.2021 16:03:32

Channel 9538 1GHz~20GHz(dBm)

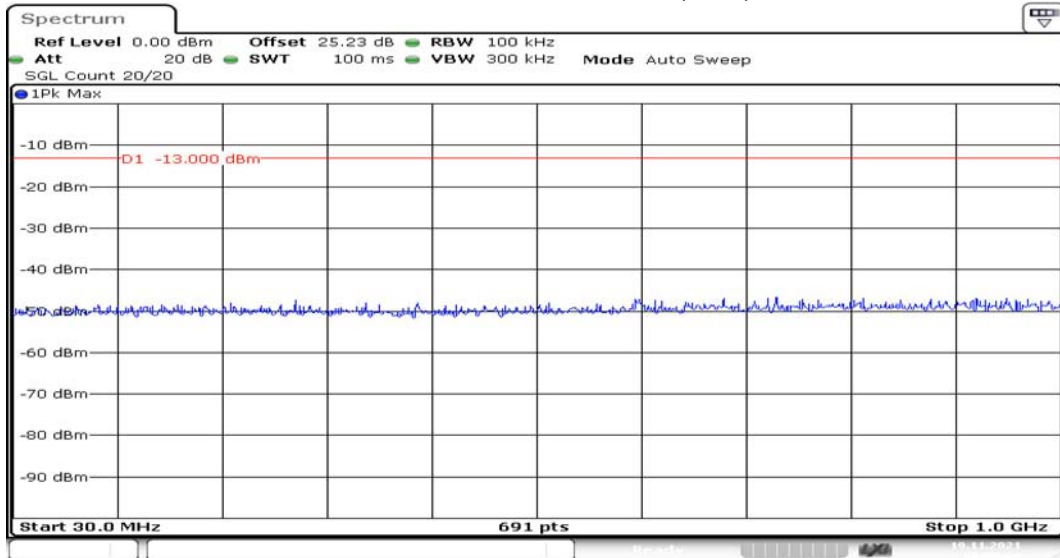


Date: 19.NOV.2021 16:03:23

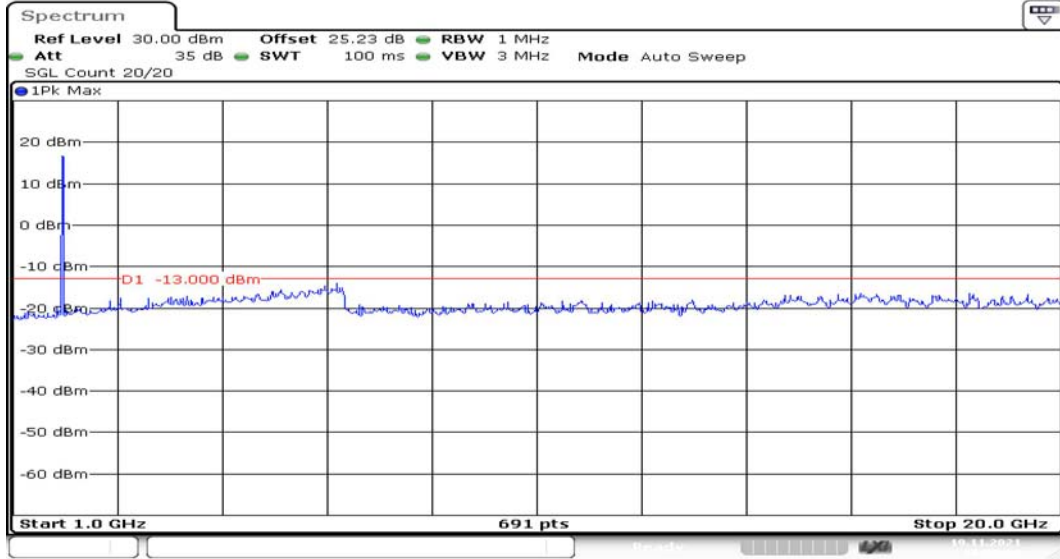
Channel 9538 30MHz~1GHz(dBm)



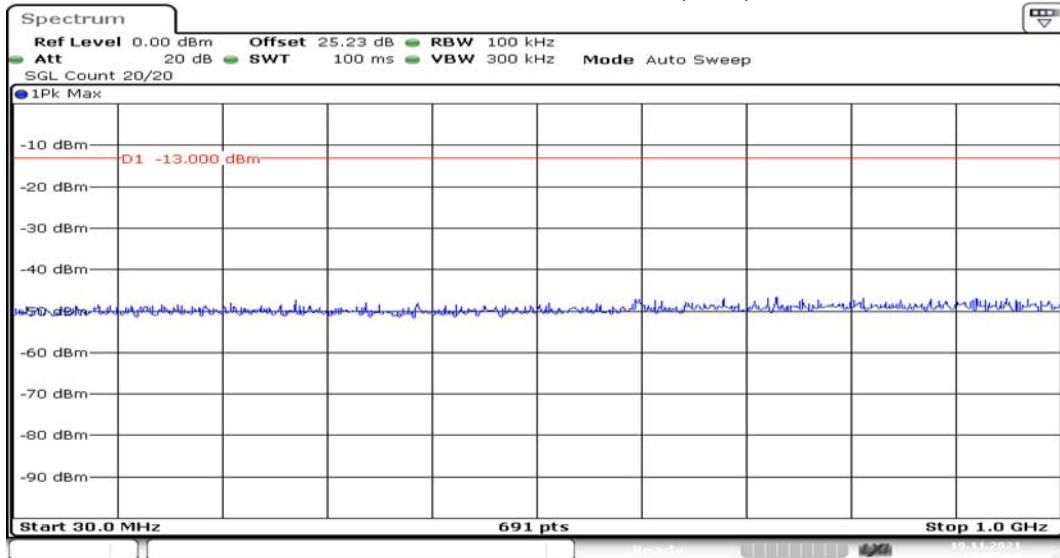
Channel 9400 1GHz~20GHz(dBm)



Channel 9400 30MHz~1GHz(dBm)



Channel 9262 1GHz~20GHz(dBm)



Channel 9262 30MHz~1GHz(dBm)

5. Band Edges Compliance
 WCDMA band II
 REL99 Mode:



Date: 19.NOV.2021 16:02:02

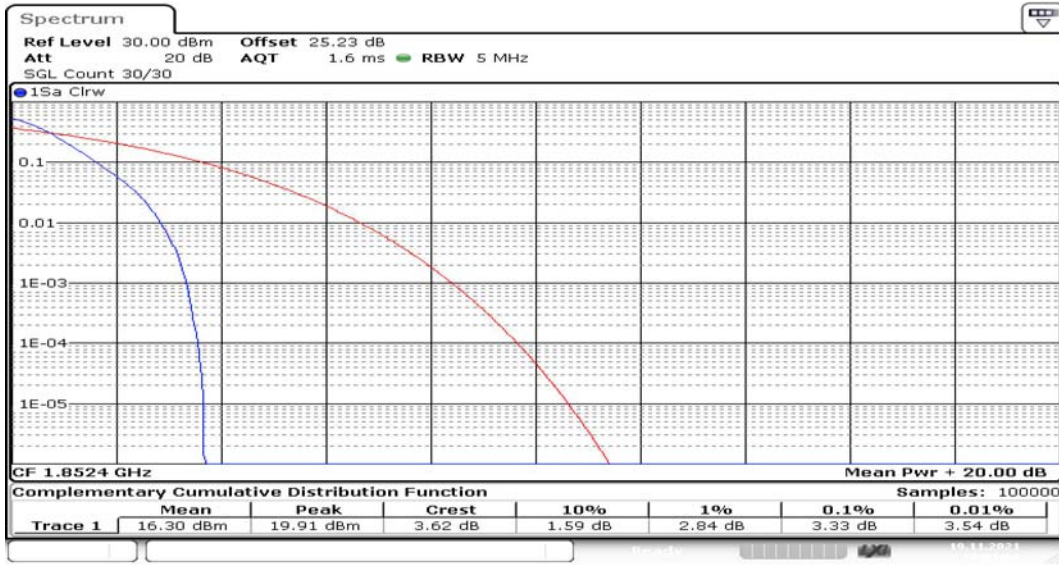
Channel 9262



Date: 19.NOV.2021 16:03:41

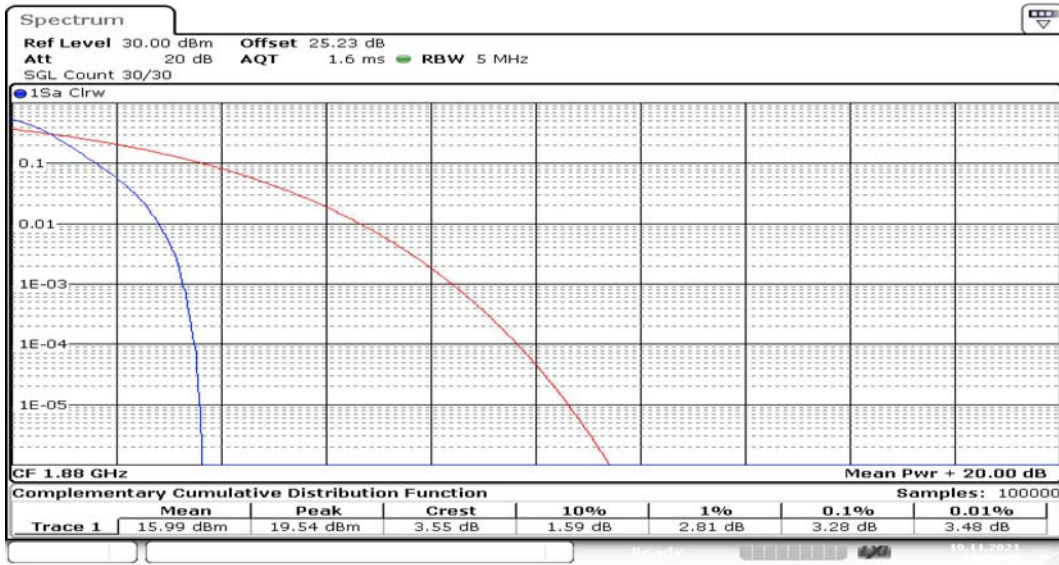
Channel 9538

6. Peak-Average Ratio
WCDMA band II
REL99 Mode:



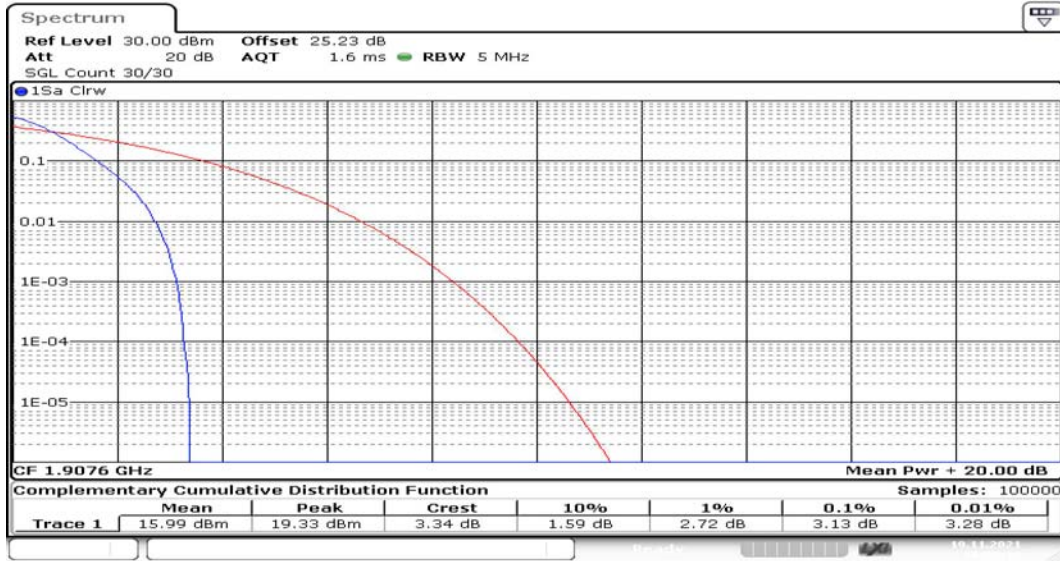
Date: 19.NOV.2021 16:01:33

Channel 9262



Date: 19.NOV.2021 16:02:27

Channel 9400



Date: 19.NOV.2021 16:03:13

Channel 9538

7. Effective Radiated Power and Effective Isotropic Radiated Power
WCDMA band II

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Release 99	RMC, 12.2kbps	1852.4	9262	22.61	22.03	0.160
		1880	9400	22.44	21.86	0.153
		1907.6	9538	22.85	22.27	0.169

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

WCDMA band IV

Test result:

WCDMA Mode:

Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.96	-52.99	-13	Vertical
2780.61	-51.42	-13	Vertical
3730.05	-43.89	-13	Vertical
6677.43	-43.55	-13	Vertical
9964.86	-40.23	-13	Vertical
17824.22	-35.87	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.53	-52.40	-13	Vertical
2778.92	-51.86	-13	Vertical
3730.37	-43.41	-13	Vertical
6679.92	-43.94	-13	Vertical
9964.52	-40.18	-13	Vertical
17823.61	-35.36	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.58	-53.18	-13	Vertical
2780.55	-52.06	-13	Vertical
3728.06	-43.54	-13	Vertical
6677.97	-43.75	-13	Vertical
9961.49	-39.46	-13	Vertical
17824.17	-35.23	-13	Vertical

HSDPA/HSUPA Mode:
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.94	-52.41	-13	Vertical
2779.82	-52.24	-13	Vertical
3731.13	-43.48	-13	Vertical
6677.01	-43.24	-13	Vertical
9962.86	-40.14	-13	Vertical
17822.02	-35.42	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2452.94	-52.69	-13	Vertical
2778.53	-51.81	-13	Vertical
3727.42	-43.87	-13	Vertical
6678.54	-43.46	-13	Vertical
9964.01	-39.76	-13	Vertical
17820.87	-35.44	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2452.87	-52.96	-13	Vertical
2779.31	-51.99	-13	Vertical
3728.26	-44.22	-13	Vertical
6679.53	-43.09	-13	Vertical
9963.98	-40.09	-13	Vertical
17821.55	-35.49	-13	Vertical

HSPA+ Mode: (QPSK)
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.96	-52.82	-13	Vertical
2780.07	-51.32	-13	Vertical
3727.87	-43.63	-13	Vertical
6677.60	-43.92	-13	Vertical
9963.02	-40.24	-13	Vertical
17821.98	-35.98	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.88	-52.69	-13	Vertical
2780.93	-51.45	-13	Vertical
3730.05	-43.98	-13	Vertical
6677.99	-43.81	-13	Vertical
9964.45	-40.21	-13	Vertical
17822.12	-35.68	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.82	-52.55	-13	Vertical
2781.98	-51.93	-13	Vertical
3728.06	-44.05	-13	Vertical
6678.09	-43.16	-13	Vertical
9963.13	-40.30	-13	Vertical
17821.75	-35.23	-13	Vertical

HSPA+ Mode: (16QAM)
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.05	-52.80	-13	Vertical
2781.31	-51.71	-13	Vertical
3728.85	-44.27	-13	Vertical
6679.64	-43.29	-13	Vertical
9964.29	-39.77	-13	Vertical
17822.35	-35.99	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.08	-52.81	-13	Vertical
2778.34	-51.91	-13	Vertical
3729.21	-44.26	-13	Vertical
6678.40	-42.96	-13	Vertical
9963.90	-40.22	-13	Vertical
17823.44	-35.94	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.83	-52.93	-13	Vertical
2779.36	-51.54	-13	Vertical
3729.66	-44.21	-13	Vertical
6679.03	-43.09	-13	Vertical
9962.71	-39.80	-13	Vertical
17823.69	-35.95	-13	Vertical

WCDMA band IV

Test result:

WCDMA Mode:

Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.36	-52.43	-13	Vertical
2778.37	-51.77	-13	Vertical
3729.81	-43.84	-13	Vertical
6678.68	-43.51	-13	Vertical
9963.41	-40.22	-13	Vertical
17821.78	-36.18	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.07	-52.59	-13	Vertical
2781.82	-51.39	-13	Vertical
3728.42	-43.59	-13	Vertical
6678.40	-43.02	-13	Vertical
9962.15	-40.01	-13	Vertical
17822.46	-36.17	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.78	-52.59	-13	Vertical
2781.89	-51.47	-13	Vertical
3728.07	-43.75	-13	Vertical
6678.33	-42.96	-13	Vertical
9964.82	-40.12	-13	Vertical
17823.10	-35.44	-13	Vertical

HSDPA/HSUPA Mode:
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.61	-53.14	-13	Vertical
2780.68	-51.94	-13	Vertical
3729.10	-43.46	-13	Vertical
6678.78	-43.83	-13	Vertical
9963.46	-40.05	-13	Vertical
17820.75	-35.84	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.84	-52.74	-13	Vertical
2781.98	-52.04	-13	Vertical
3727.79	-43.62	-13	Vertical
6679.95	-43.75	-13	Vertical
9965.19	-39.39	-13	Vertical
17822.70	-36.02	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.01	-53.18	-13	Vertical
2779.52	-51.31	-13	Vertical
3730.73	-43.92	-13	Vertical
6679.44	-43.59	-13	Vertical
9963.98	-39.62	-13	Vertical
17821.37	-35.30	-13	Vertical

HSPA+ Mode: (QPSK)
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.80	-52.53	-13	Vertical
2779.80	-52.22	-13	Vertical
3728.93	-43.96	-13	Vertical
6679.57	-43.54	-13	Vertical
9964.64	-40.30	-13	Vertical
17823.13	-35.46	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.86	-52.79	-13	Vertical
2781.30	-51.37	-13	Vertical
3727.70	-44.09	-13	Vertical
6677.54	-43.43	-13	Vertical
9962.91	-40.22	-13	Vertical
17821.97	-35.86	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.24	-52.71	-13	Vertical
2778.75	-51.69	-13	Vertical
3729.83	-44.32	-13	Vertical
6676.89	-43.65	-13	Vertical
9965.10	-40.00	-13	Vertical
17822.30	-36.06	-13	Vertical

HSPA+ Mode: (16QAM)

Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.75	-52.35	-13	Vertical
2780.09	-51.50	-13	Vertical
3727.63	-43.56	-13	Vertical
6679.17	-43.72	-13	Vertical
9961.96	-39.99	-13	Vertical
17821.53	-35.32	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.83	-52.49	-13	Vertical
2780.76	-51.69	-13	Vertical
3729.14	-44.18	-13	Vertical
6679.74	-42.95	-13	Vertical
9962.21	-40.18	-13	Vertical
17821.62	-35.71	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.77	-52.46	-13	Vertical
2781.84	-51.67	-13	Vertical
3730.60	-44.24	-13	Vertical
6678.30	-43.32	-13	Vertical
9961.99	-39.80	-13	Vertical
17823.68	-35.45	-13	Vertical

WCDMA band V

Test result:

WCDMA Mode:

Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.89	-52.11	-13	Vertical
1665.38	-51.72	-13	Vertical
2534.56	-43.85	-13	Vertical
2577.18	-43.52	-13	Vertical
8964.37	-39.87	-13	Vertical
9968.46	-35.47	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.97	-51.91	-13	Vertical
1667.86	-51.90	-13	Vertical
2535.30	-43.34	-13	Vertical
2575.11	-43.41	-13	Vertical
8964.26	-39.82	-13	Vertical
9969.65	-35.18	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.20	-52.60	-13	Vertical
1664.67	-51.76	-13	Vertical
2535.14	-43.64	-13	Vertical
2576.24	-43.15	-13	Vertical
8964.19	-39.21	-13	Vertical
9967.76	-35.66	-13	Vertical

HSDPA/HSUPA Mode:
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.36	-52.07	-13	Vertical
1666.13	-51.12	-13	Vertical
2532.45	-43.13	-13	Vertical
2574.07	-43.21	-13	Vertical
8963.22	-39.83	-13	Vertical
9971.13	-35.94	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.38	-51.95	-13	Vertical
1667.15	-51.70	-13	Vertical
2535.20	-43.77	-13	Vertical
2576.04	-42.65	-13	Vertical
8963.70	-39.85	-13	Vertical
9969.54	-35.26	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.08	-52.14	-13	Vertical
1666.48	-51.16	-13	Vertical
2535.70	-43.65	-13	Vertical
2575.50	-42.96	-13	Vertical
8962.36	-39.29	-13	Vertical
9967.96	-35.57	-13	Vertical

HSPA+ Mode: (QPSK)
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.62	-52.25	-13	Vertical
1665.96	-51.33	-13	Vertical
2534.44	-43.37	-13	Vertical
2574.28	-42.63	-13	Vertical
8964.57	-39.60	-13	Vertical
9970.61	-35.52	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.10	-52.80	-13	Vertical
1666.78	-51.89	-13	Vertical
2535.58	-43.22	-13	Vertical
2576.45	-43.46	-13	Vertical
8964.29	-39.64	-13	Vertical
9969.50	-35.37	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.26	-52.76	-13	Vertical
1667.38	-51.05	-13	Vertical
2533.15	-43.29	-13	Vertical
2573.94	-42.87	-13	Vertical
8963.47	-39.98	-13	Vertical
9968.35	-35.77	-13	Vertical

HSPA+ Mode: (16QAM)
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.89	-52.17	-13	Vertical
1666.89	-51.07	-13	Vertical
2535.37	-43.33	-13	Vertical
2576.27	-43.05	-13	Vertical
8965.82	-39.54	-13	Vertical
9969.11	-35.21	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.22	-52.32	-13	Vertical
1664.76	-51.49	-13	Vertical
2534.48	-43.77	-13	Vertical
2574.28	-42.82	-13	Vertical
8963.81	-39.48	-13	Vertical
9970.98	-35.19	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.87	-52.47	-13	Vertical
1667.66	-51.99	-13	Vertical
2535.94	-43.40	-13	Vertical
2576.68	-42.91	-13	Vertical
8964.40	-39.37	-13	Vertical
9971.06	-35.89	-13	Vertical

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