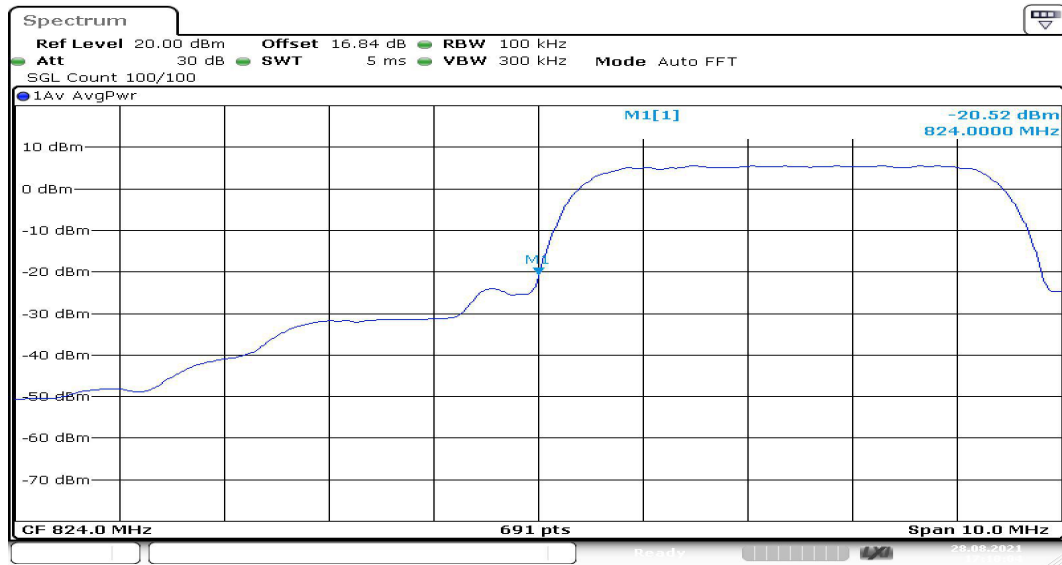


HSUPA Mode:



Channel 4132



Channel 4233

## 6. Frequency Stability

WCDMA band V

REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 9400	Channel 9538
-10	0.000	0.000	-0.001
0	0.000	-0.001	-0.001
+10	-0.001	-0.001	-0.003
+20	0.000	0.000	0.000
+30	0.000	0.001	-0.002
+40	0.001	0.001	0.002
+50	0.002	0.000	0.001
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 9400	Channel 9538
LV	0.000	0.000	0.000
HV	0.000	0.000	0.000

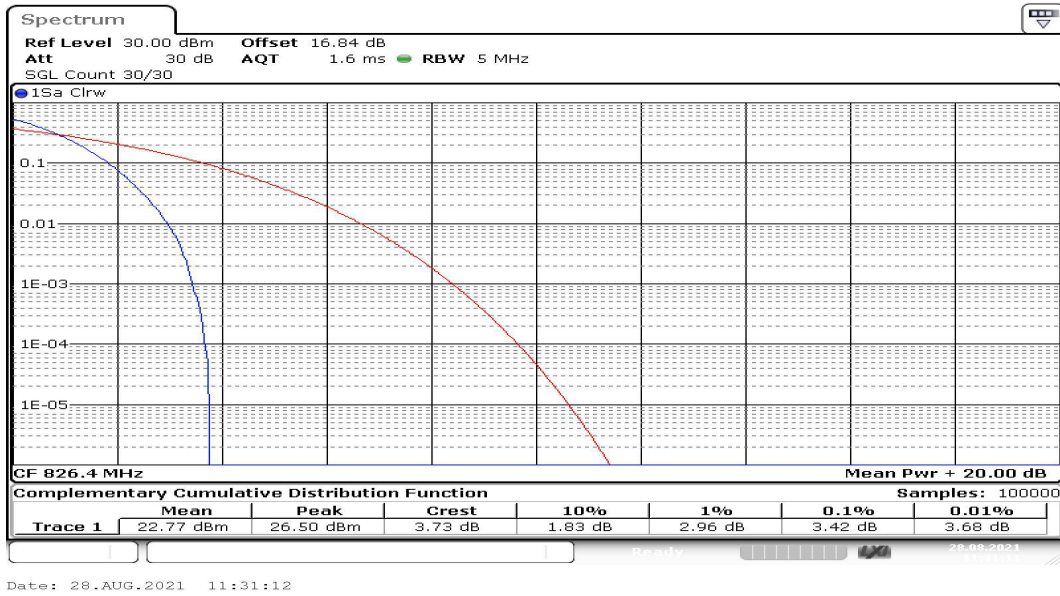
HSDPA Mode:

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

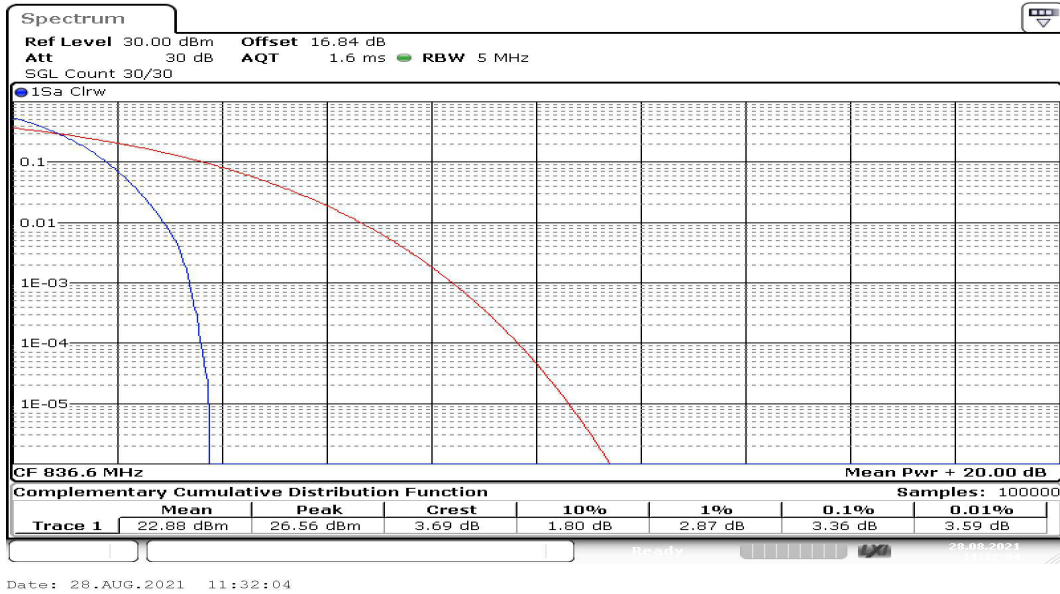
HSUPA Mode:

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

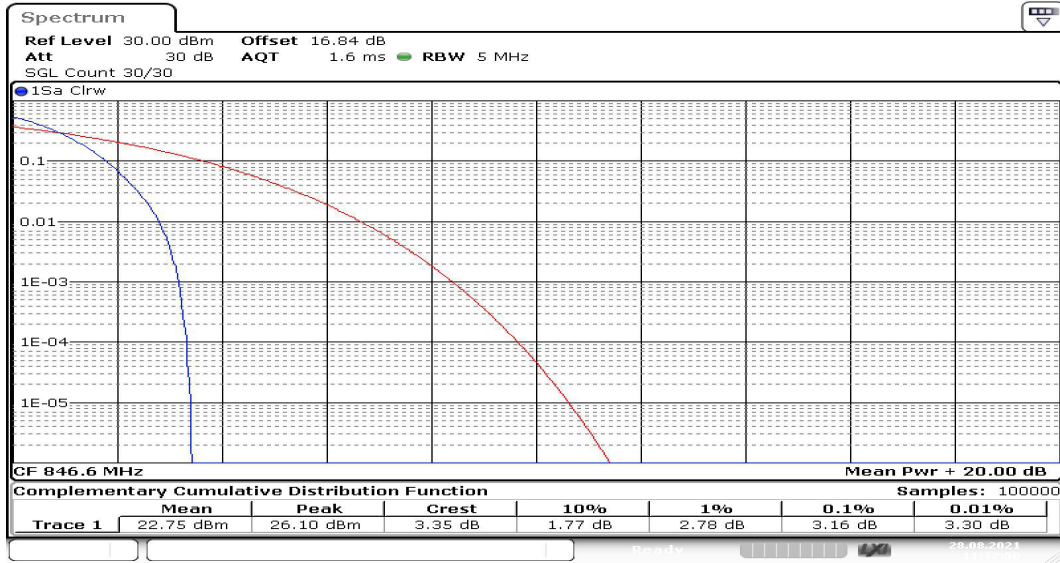
**7. Peak-Average Ratio**  
WCDMA band V  
REL99 Mode:



Channel 4132

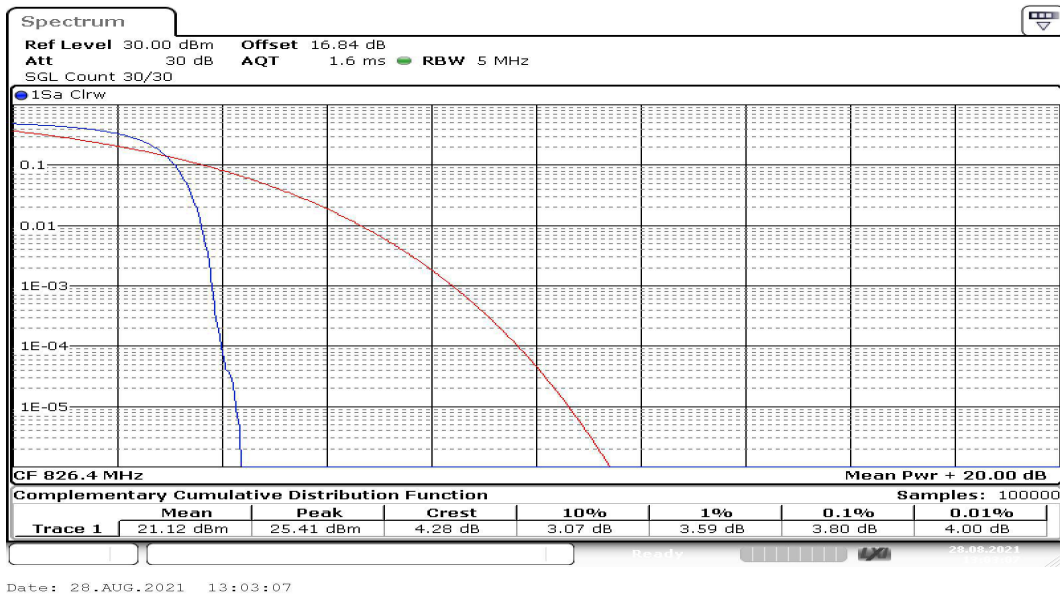


Channel 4183

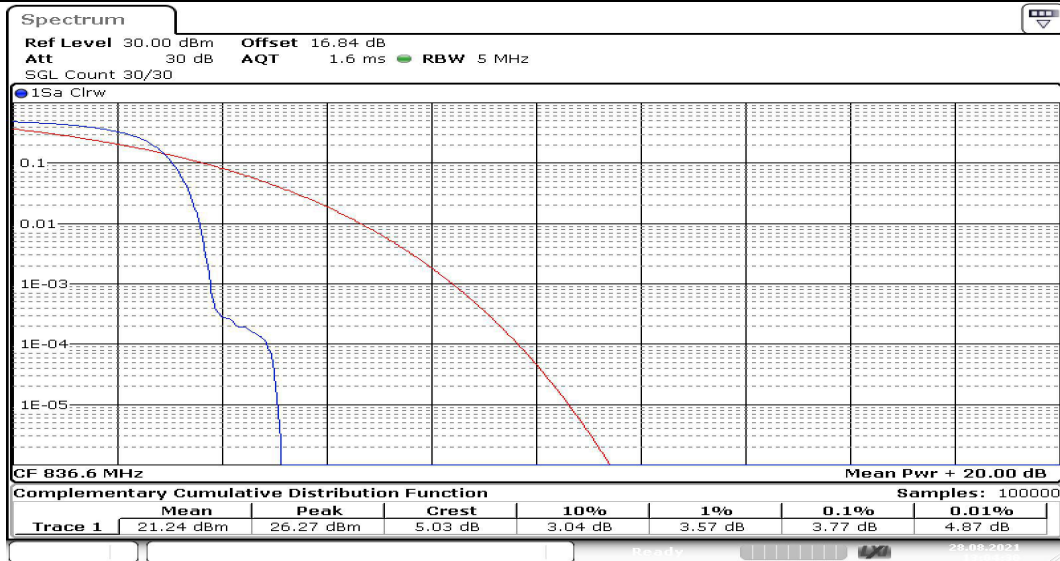


Channel 4233

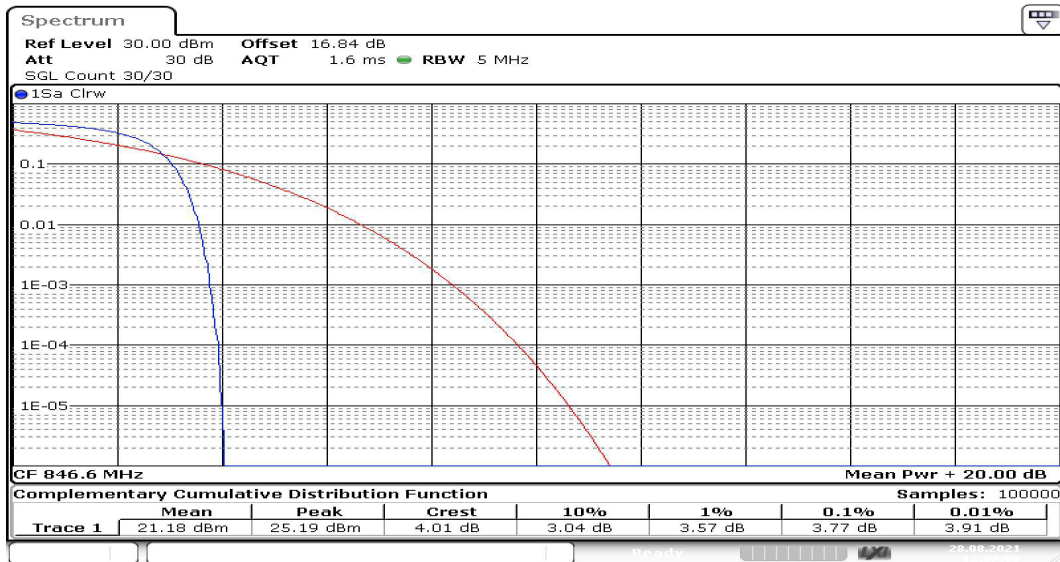
HSDPA Mode:



Channel 4132

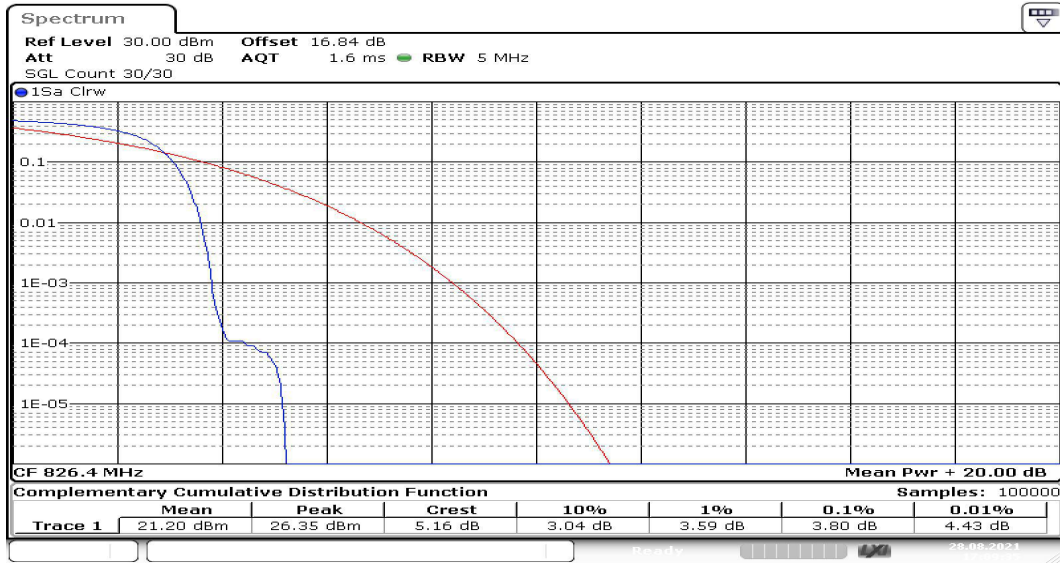


Channel 4183



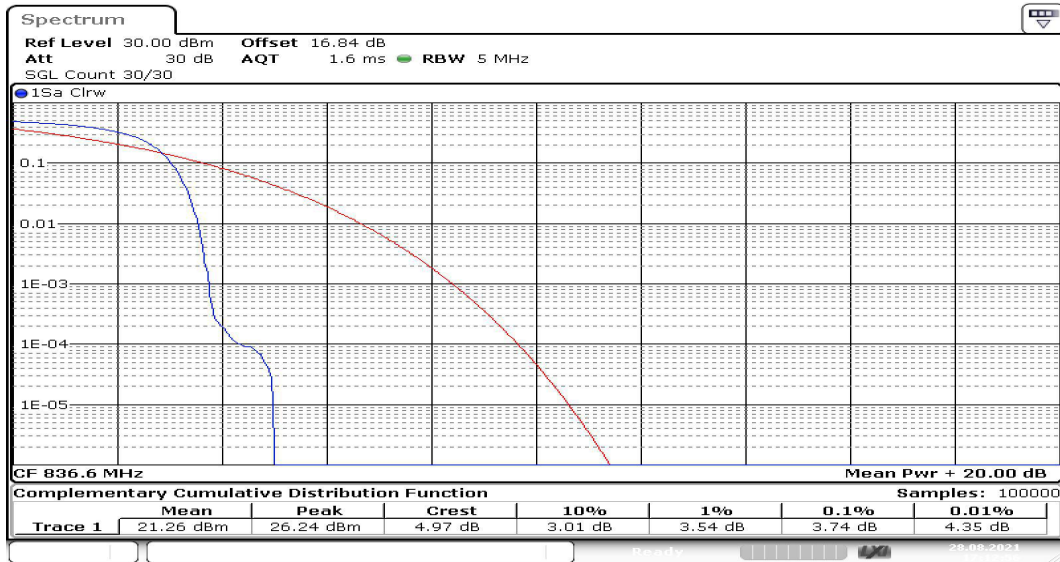
Channel 4233

HSUPA Mode:



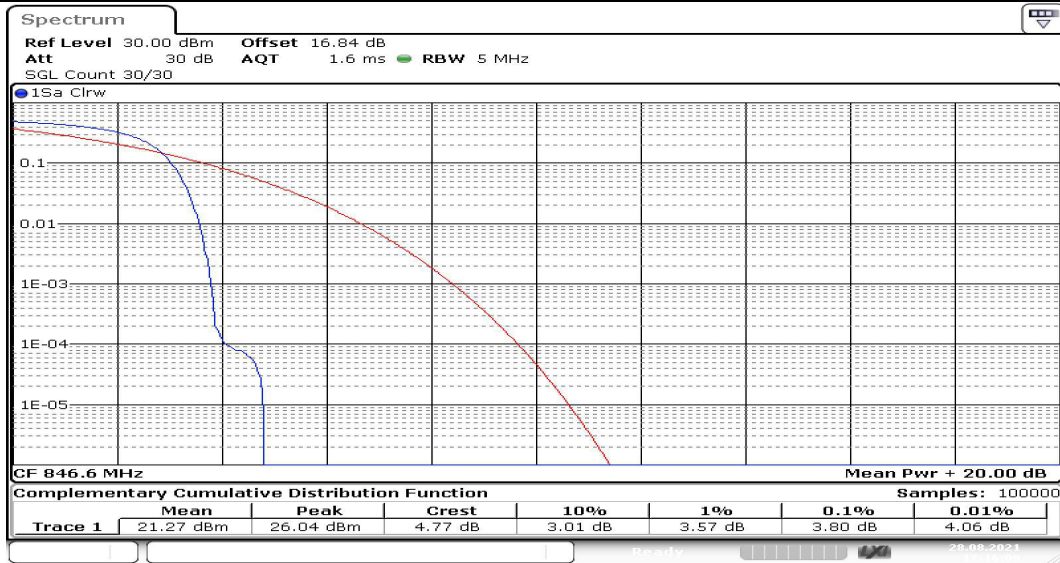
Date: 28.AUG.2021 17:09:36

Channel 4132



Date: 28.AUG.2021 17:12:56

Channel 4183



Date: 28.AUG.2021 17:16:09

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,12.2kbps	826.4	4132	24.36	18.91	0.078
		836.6	4183	24.45	19.00	0.079
		846.6	4233	24.37	18.92	0.078
HSDPA	Subtest1	826.4	4132	23.36	17.91	0.062
		836.6	4183	23.43	17.98	0.063
		846.6	4233	23.34	17.89	0.062
	Subtest2	826.4	4132	23.34	17.89	0.062
		836.6	4183	23.42	17.97	0.063
		846.6	4233	23.35	17.90	0.062
	Subtest3	826.4	4132	22.91	17.46	0.056
		836.6	4183	22.92	17.47	0.056
		846.6	4233	22.85	17.40	0.055
	Subtest4	826.4	4132	22.89	17.44	0.055
		836.6	4183	22.92	17.47	0.056
		846.6	4233	22.86	17.41	0.055
HSUPA	Subtest1	826.4	4132	23.15	17.70	0.059
		836.6	4183	23.20	17.75	0.060
		846.6	4233	23.12	17.67	0.058
	Subtest2	826.4	4132	23.16	17.71	0.059
		836.6	4183	23.17	17.72	0.059
		846.6	4233	23.12	17.67	0.058
	Subtest3	826.4	4132	22.64	17.19	0.052
		836.6	4183	22.67	17.22	0.053
		846.6	4233	22.61	17.16	0.052
	Subtest4	826.4	4132	23.12	17.67	0.058
		836.6	4183	23.17	17.72	0.059
		846.6	4233	23.12	17.67	0.058
	Subtest5	826.4	4132	22.66	17.21	0.053
		836.6	4183	22.70	17.25	0.053
		846.6	4233	22.63	17.18	0.052
HSPA+	QPSK	826.4	4132	23.17	17.72	0.059
		836.6	4183	23.19	17.74	0.059
		846.6	4233	23.12	17.67	0.058
	16QAM	826.4	4132	23.13	17.68	0.059
		836.6	4183	23.19	17.74	0.059
		846.6	4233	23.13	17.68	0.059

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DC-HSDPA	Subtest1	826.4	4132	23.17	17.72	0.059
		836.6	4183	23.16	17.71	0.059
		846.6	4233	23.15	17.70	0.059
	Subtest2	826.4	4132	23.17	17.72	0.059
		836.6	4183	23.18	17.73	0.059
		846.6	4233	23.17	17.72	0.059
	Subtest3	826.4	4132	22.67	17.22	0.053
		836.6	4183	22.72	17.27	0.053
		846.6	4233	22.68	17.23	0.053
	Subtest4	826.4	4132	22.68	17.23	0.053
		836.6	4183	22.68	17.23	0.053
		846.6	4233	22.64	17.19	0.052

## **APPENDIX B – TEST DATA OF RADIATED EMISSION**

### **Radiated Spurious Emissions**

WCDMA band V

Test result:

WCDMA Mode:

Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.99	-52.64	-13	Vertical
1664.72	-51.86	-13	Vertical
2534.45	-43.72	-13	Vertical
2573.70	-43.54	-13	Vertical
8963.75	-39.36	-13	Vertical
9969.11	-35.28	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.30	-52.76	-13	Vertical
1664.70	-51.23	-13	Vertical
2533.23	-43.83	-13	Vertical
2575.81	-42.87	-13	Vertical
8962.61	-39.60	-13	Vertical
9968.19	-35.36	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.46	-52.58	-13	Vertical
1667.67	-51.08	-13	Vertical
2532.95	-43.38	-13	Vertical
2575.76	-43.48	-13	Vertical
8964.94	-39.28	-13	Vertical
9969.81	-35.61	-13	Vertical

HSDPA/HSUPA Mode:

Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.64	-51.91	-13	Vertical
1668.14	-51.47	-13	Vertical
2532.78	-43.33	-13	Vertical
2575.09	-43.41	-13	Vertical
8962.78	-39.90	-13	Vertical
9968.28	-35.21	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.79	-52.81	-13	Vertical
1665.58	-51.18	-13	Vertical
2533.35	-43.85	-13	Vertical
2576.23	-43.48	-13	Vertical
8963.45	-39.27	-13	Vertical
9967.70	-36.13	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.97	-52.09	-13	Vertical
1666.04	-51.16	-13	Vertical
2532.95	-44.09	-13	Vertical
2577.05	-43.27	-13	Vertical
8962.94	-39.79	-13	Vertical
9971.48	-35.42	-13	Vertical

HSPA+ Mode: (QPSK)

Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.31	-52.40	-13	Vertical
1664.55	-51.46	-13	Vertical
2533.19	-43.86	-13	Vertical
2574.90	-43.56	-13	Vertical
8964.88	-39.75	-13	Vertical
9968.63	-35.76	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.55	-51.97	-13	Vertical
1664.77	-51.58	-13	Vertical
2532.71	-43.42	-13	Vertical
2575.44	-43.35	-13	Vertical
8962.30	-39.78	-13	Vertical
9970.14	-35.90	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.45	-52.66	-13	Vertical
1665.17	-51.68	-13	Vertical
2535.82	-44.09	-13	Vertical
2574.57	-42.96	-13	Vertical
8962.75	-40.11	-13	Vertical
9968.92	-35.35	-13	Vertical

HSPA+ Mode: (16QAM)

Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.24	-51.91	-13	Vertical
1667.98	-51.99	-13	Vertical
2532.83	-43.68	-13	Vertical
2574.57	-43.51	-13	Vertical
8965.73	-40.10	-13	Vertical
9968.69	-35.78	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.54	-52.70	-13	Vertical
1664.58	-51.10	-13	Vertical
2535.02	-43.96	-13	Vertical
2576.68	-42.72	-13	Vertical
8963.64	-39.61	-13	Vertical
9970.87	-35.45	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.72	-51.98	-13	Vertical
1666.43	-51.33	-13	Vertical
2535.03	-43.93	-13	Vertical
2573.62	-43.22	-13	Vertical
8965.61	-39.68	-13	Vertical
9969.33	-35.78	-13	Vertical

DC-HSDPA+ Mode:  
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.14	-52.68	-13	Vertical
1665.33	-51.14	-13	Vertical
2535.07	-43.45	-13	Vertical
2573.74	-42.71	-13	Vertical
8964.52	-39.95	-13	Vertical
9967.73	-35.32	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.38	-52.87	-13	Vertical
1666.10	-51.54	-13	Vertical
2534.03	-43.95	-13	Vertical
2574.32	-42.74	-13	Vertical
8965.88	-39.42	-13	Vertical
9969.10	-35.54	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.98	-52.05	-13	Vertical
1666.11	-51.83	-13	Vertical
2534.38	-43.35	-13	Vertical
2577.48	-43.03	-13	Vertical
8963.67	-39.58	-13	Vertical
9970.66	-35.40	-13	Vertical

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