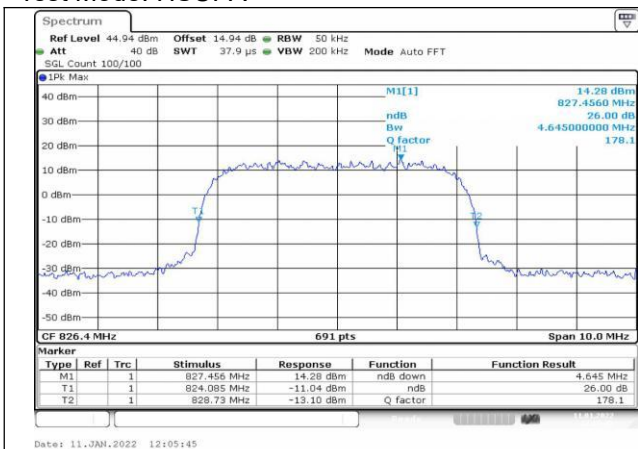
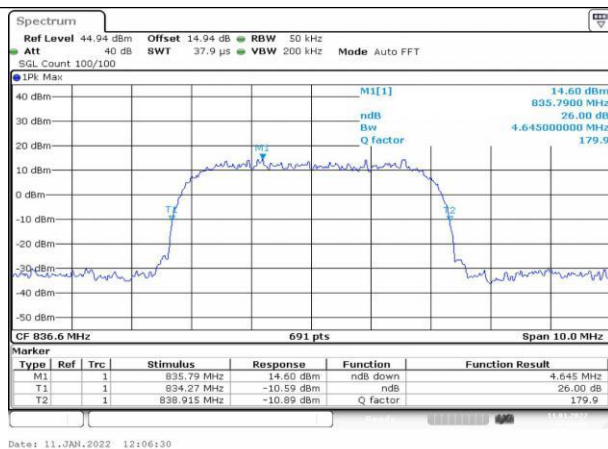


Channel 4233

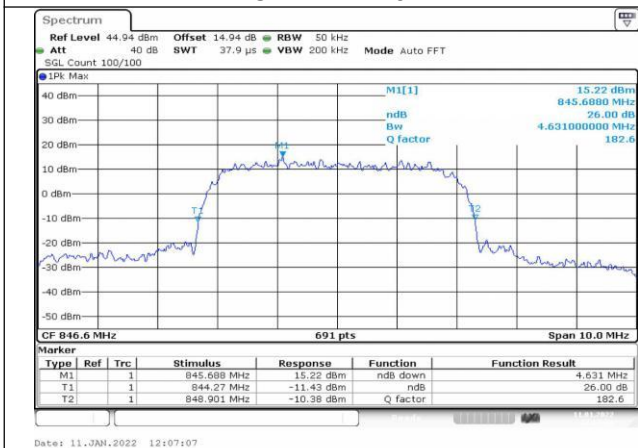
Test Mode: HSUPA



Channel 4132

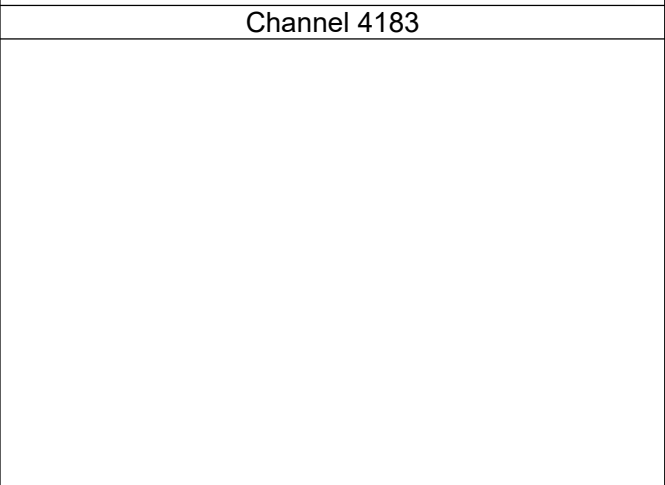
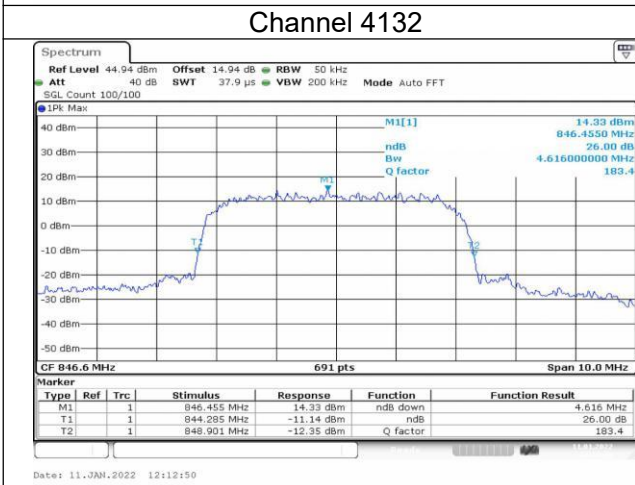
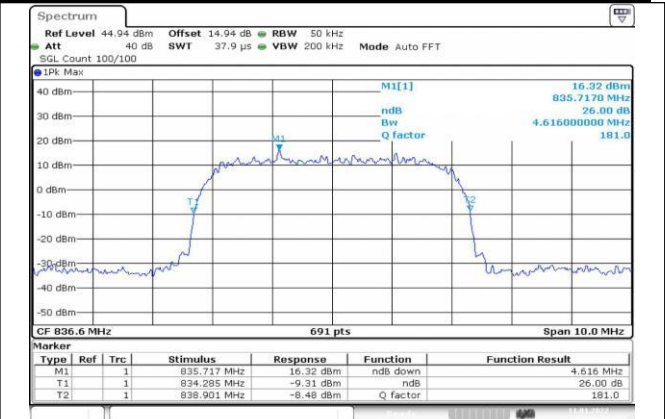
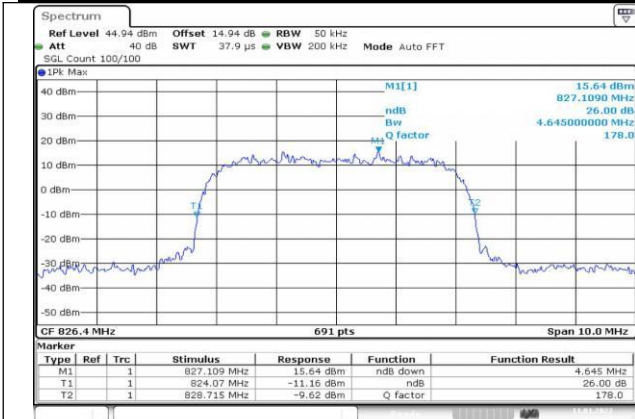


Channel 4183



Channel 4233

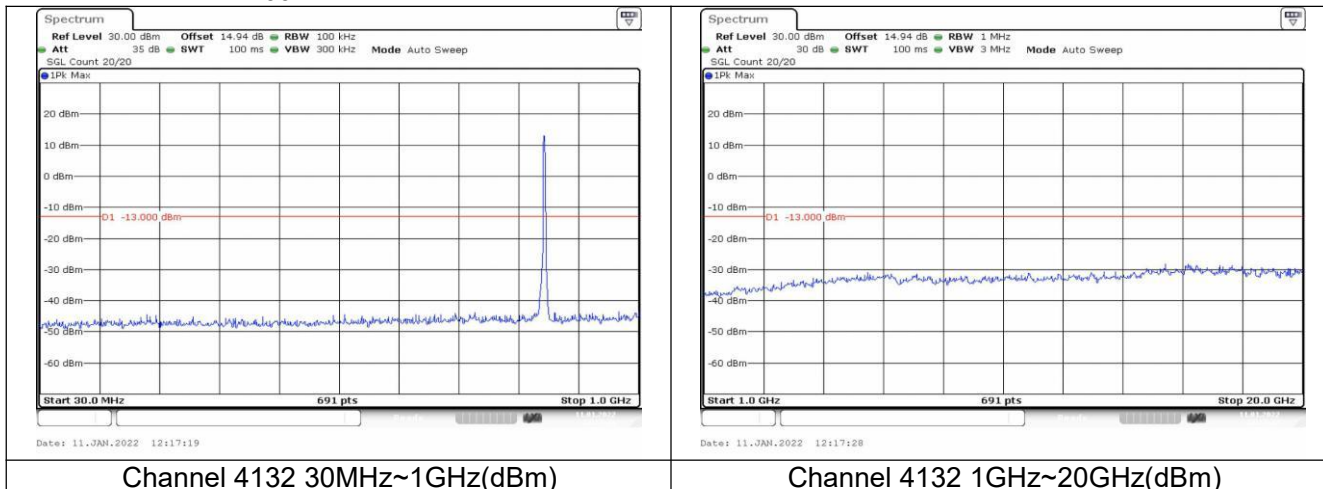
Test Mode: HSPA+



**4. Spurious Emissions at antenna terminal**

WCDMA band V

Test Mode: Release 99

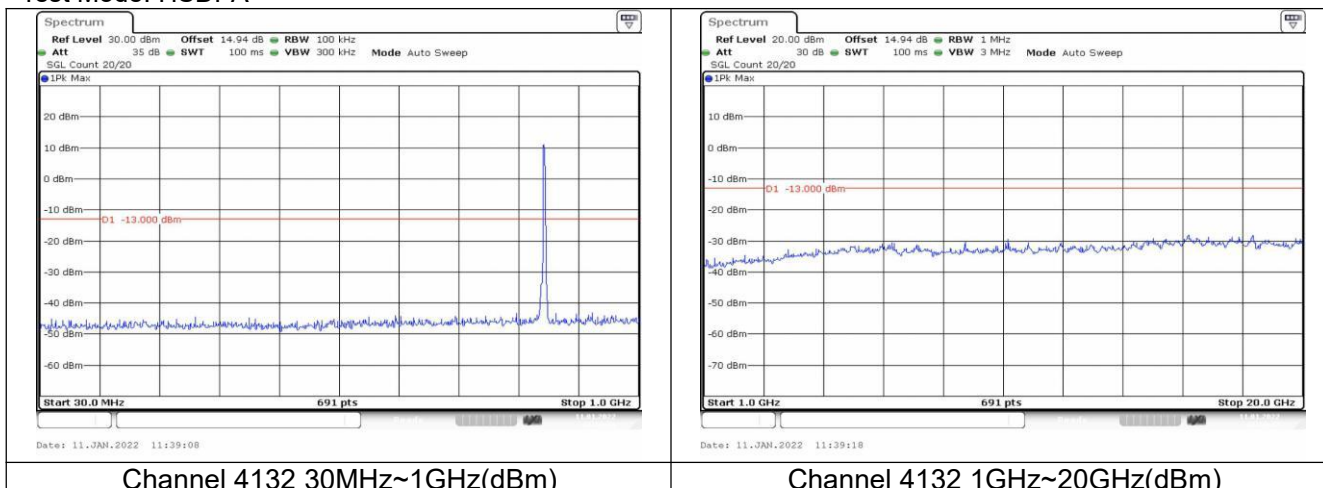


Channel 4132 30MHz~1GHz(dBm)

Channel 4132 1GHz~20GHz(dBm)

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

Test Mode: HSDPA

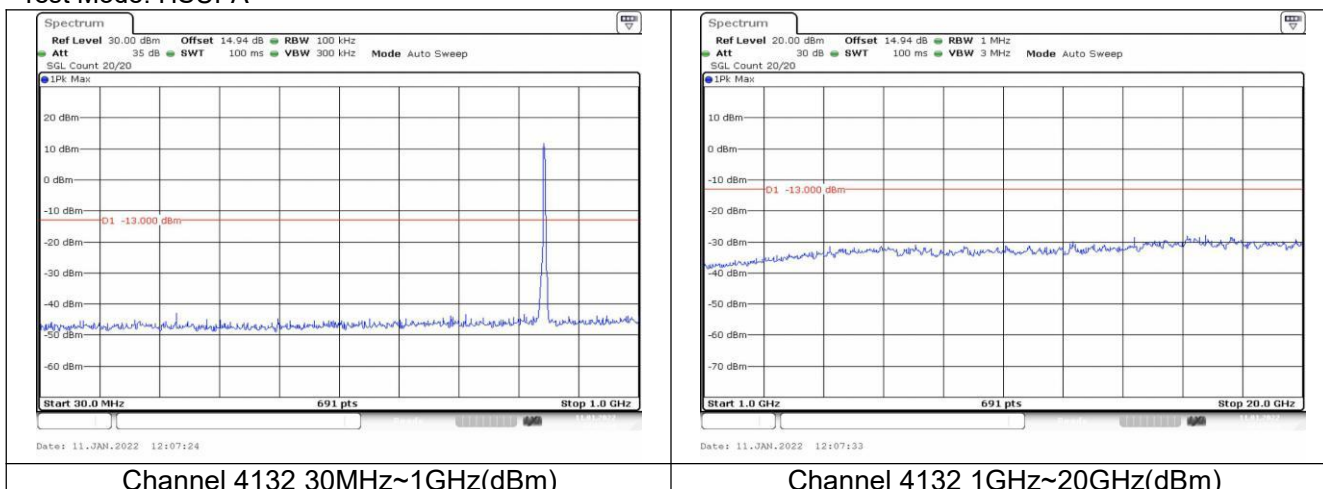


Channel 4132 30MHz~1GHz(dBm)

Channel 4132 1GHz~20GHz(dBm)

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

Test Mode: HSUPA



Channel 4132 30MHz~1GHz(dBm)

Channel 4132 1GHz~20GHz(dBm)

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

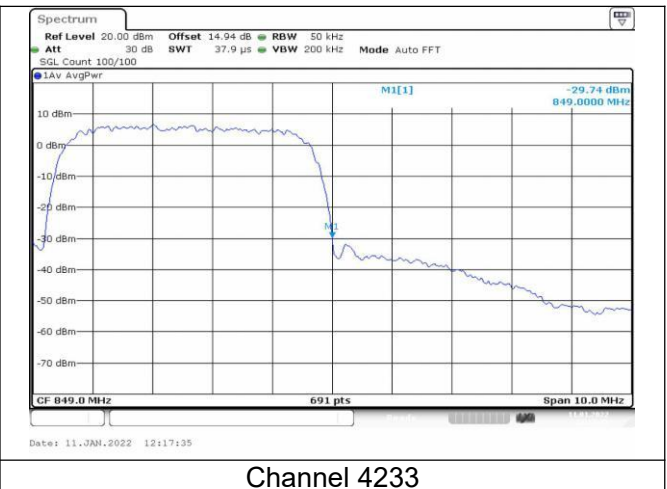
### 5. Band Edges Compliance

WCDMA band V

Test Mode: Release 99



Channel 4132

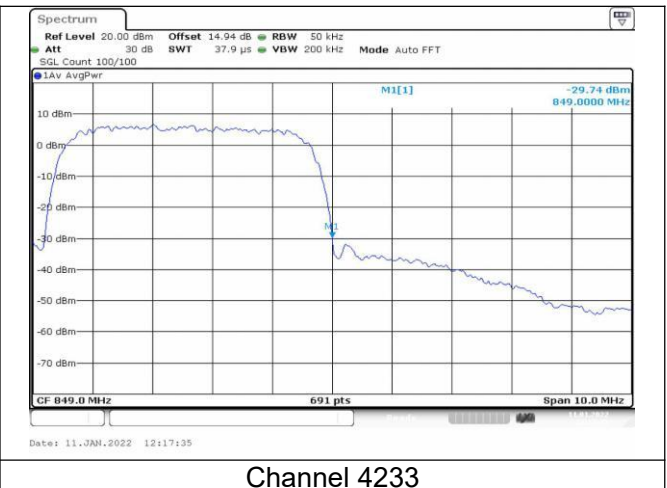


Channel 4233

Test Mode: HSDPA



Channel 4132

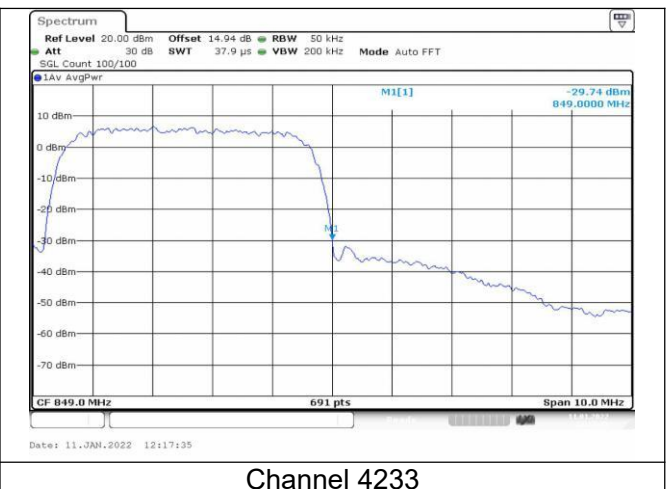


Channel 4233

Test Mode: HSUPA

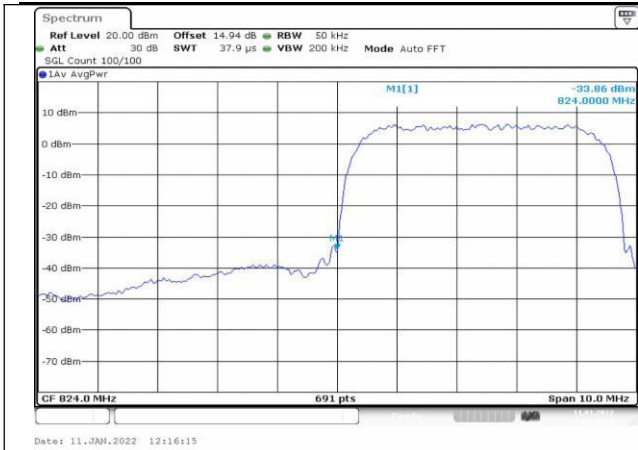


Channel 4132



Channel 4233

Test Mode: HSPA+



Channel 4132



Channel 4233

## 6. Frequency Stability

WCDMA band V

Mode	Temperature(°C)	Test Result (ppm)@NV		
		Channel 1312	Channel 1412	Channel 1513
Release 99	-10	-0.002	0.000	-0.001
Release 99	0	-0.001	0.000	-0.001
Release 99	+10	0.002	-0.001	-0.003
Release 99	+30	-0.002	0.001	-0.003
Release 99	+40	0.002	0.000	-0.002
Release 99	+50	-0.002	0.000	-0.002
Mode	Voltage	Test Result (ppm)@NT		
		Channel 1312	Channel 1412	Channel 1513
Release 99	LV	-0.001	0.001	-0.001
Release 99	HV	-0.001	0.000	-0.002

Mode	Temperature(°C)	Test Result (ppm)@NV		
		Channel 1312	Channel 1412	Channel 1513
HSDPA	-10	0.005	0.004	0.005
HSDPA	0	0.004	-0.026	0.001
HSDPA	+10	0.001	-0.010	0.002
HSDPA	+30	0.000	-0.028	0.002
HSDPA	+40	0.002	-0.027	0.001
HSDPA	+50	0.004	-0.023	0.000
Mode	Voltage	Test Result (ppm)@NT		
		Channel 1312	Channel 1412	Channel 1513
HSDPA	LV	0.002	0.013	0.003
HSDPA	HV	0.001	-0.028	0.002

Mode	Temperature(°C)	Test Result (ppm)@NV		
		Channel 1312	Channel 1412	Channel 1513
HSUPA	-10	-0.002	-0.041	0.002
HSUPA	0	-0.001	-0.044	0.001
HSUPA	+10	0.000	-0.013	0.001
HSUPA	+30	0.001	-0.042	0.002
HSUPA	+40	-0.002	-0.042	0.002
HSUPA	+50	-0.003	-0.042	0.004
Mode	Voltage	Test Result (ppm)@NT		

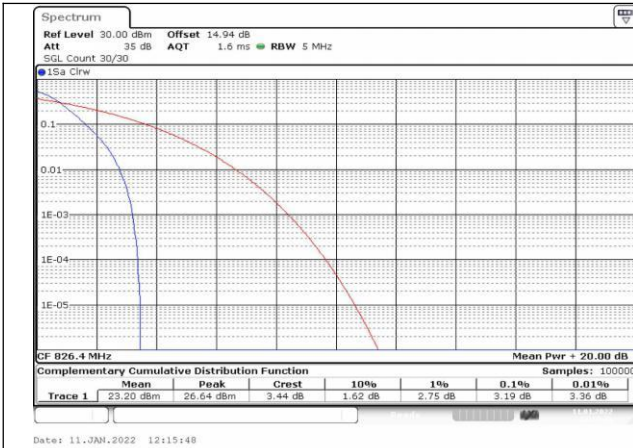


		Channel 1312	Channel 1412	Channel 1513
HSUPA	LV	0.002	-0.008	0.002
HSUPA	HV	0.000	-0.041	0.005

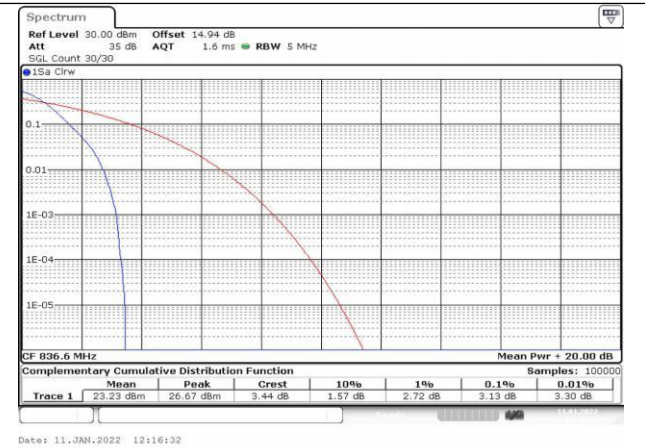
**7. Peak-Average Ratio**

WCDMA band V

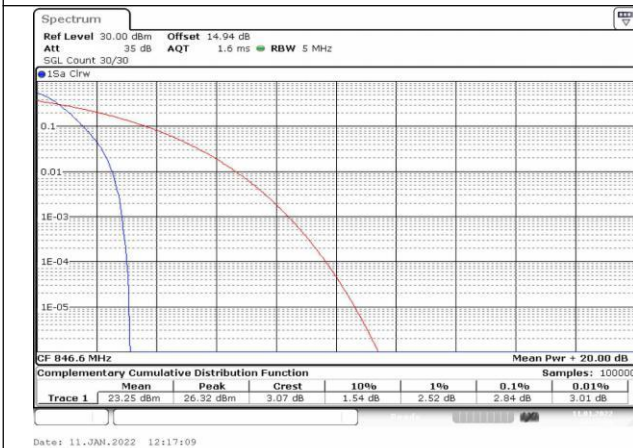
Test Mode: Release 99



Channel 4132

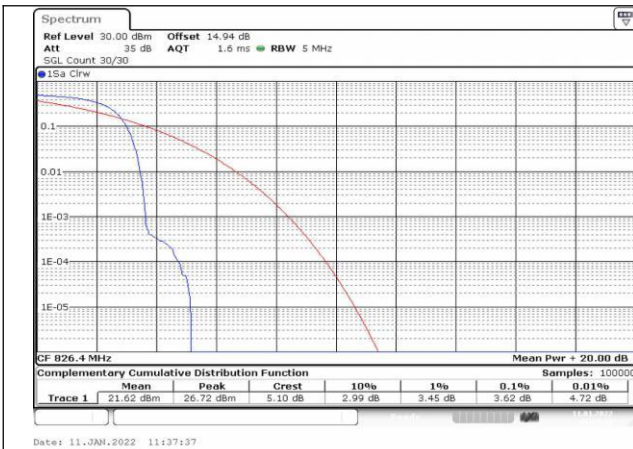


Channel 4183

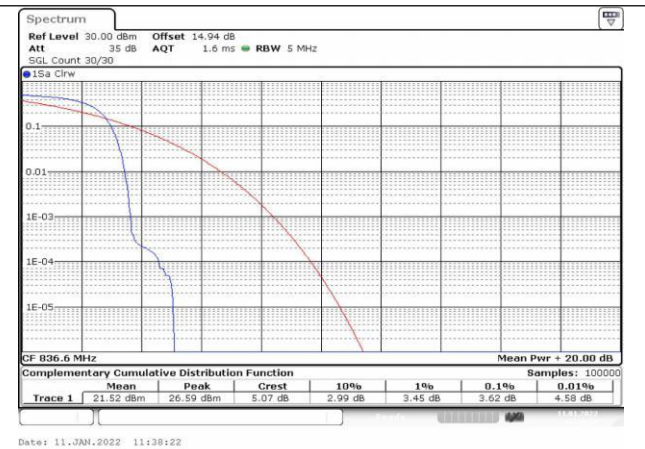


Channel 4233

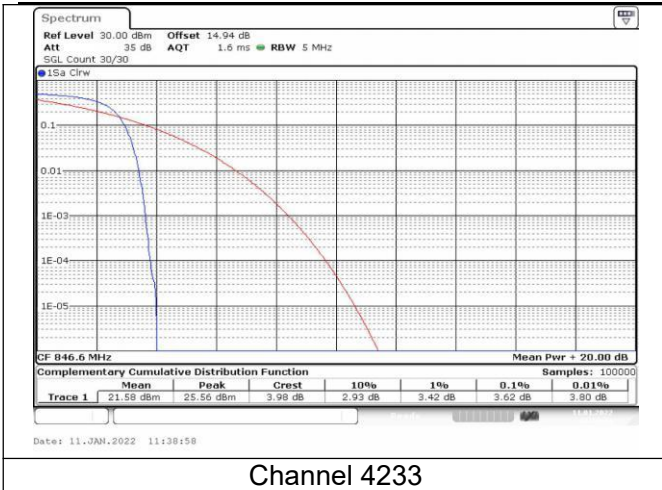
Test Mode: HSDPA



Channel 4132

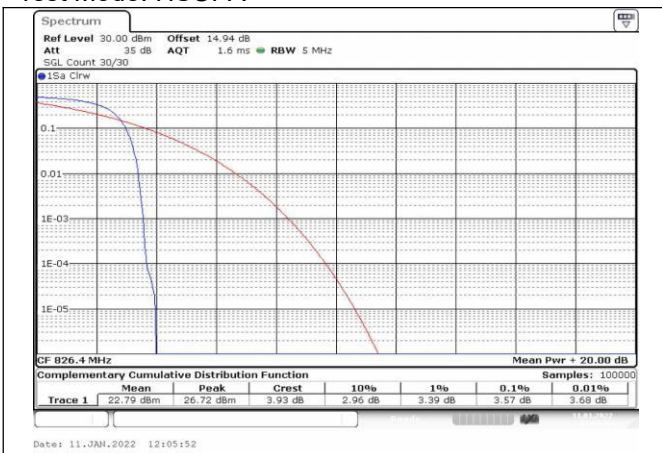


Channel 4183

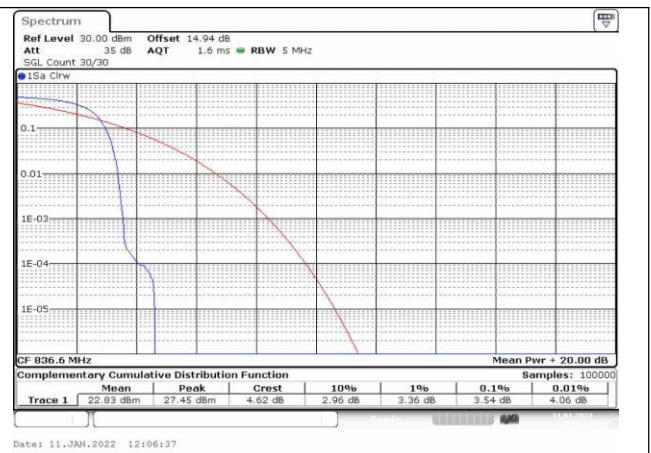


Channel 4233

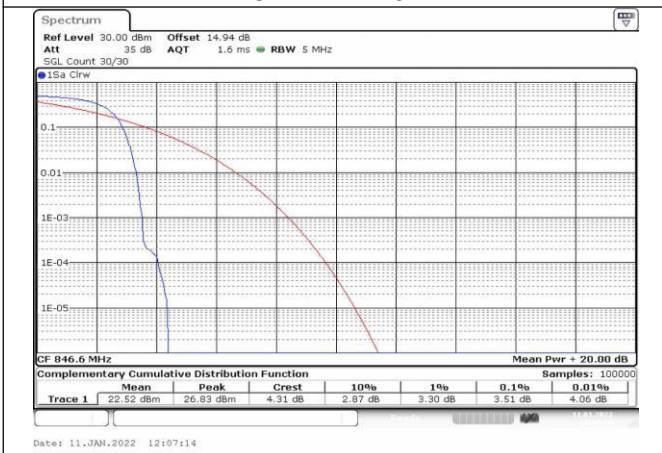
Test Mode: HSUPA



Channel 4132



Channel 4183



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	23.55	18.63	0.073
Release 99	RMC,12.2kps	836.6	4183	23.51	18.59	0.072
Release 99	RMC,12.2kps	846.6	4233	23.48	18.56	0.072

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSDPA	Subtest1	826.4	4132	22.35	17.43	0.055
HSDPA	Subtest1	836.6	4183	22.3	17.38	0.055
HSDPA	Subtest1	846.6	4233	22.3	17.38	0.055
HSDPA	Subtest2	826.4	4132	22.02	17.10	0.051
HSDPA	Subtest2	836.6	4183	22.01	17.09	0.051
HSDPA	Subtest2	846.6	4233	21.84	16.92	0.049
HSDPA	Subtest3	826.4	4132	21.79	16.87	0.049
HSDPA	Subtest3	836.6	4183	21.73	16.81	0.048
HSDPA	Subtest3	846.6	4233	21.78	16.86	0.049
HSDPA	Subtest4	826.4	4132	21.66	16.74	0.047
HSDPA	Subtest4	836.6	4183	21.6	16.68	0.047
HSDPA	Subtest4	846.6	4233	21.67	16.75	0.047

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSUPA	Subtest1	826.4	4132	23.03	18.11	0.065
HSUPA	Subtest1	836.6	4183	22.83	17.91	0.062
HSUPA	Subtest1	846.6	4233	22.7	17.78	0.060
HSUPA	Subtest2	826.4	4132	23.07	18.15	0.065
HSUPA	Subtest2	836.6	4183	22.83	17.91	0.062
HSUPA	Subtest2	846.6	4233	22.7	17.78	0.060
HSUPA	Subtest3	826.4	4132	22.98	18.06	0.064
HSUPA	Subtest3	836.6	4183	23.03	18.11	0.065
HSUPA	Subtest3	846.6	4233	22.69	17.77	0.060
HSUPA	Subtest4	826.4	4132	22.99	18.07	0.064
HSUPA	Subtest4	836.6	4183	23.02	18.10	0.065
HSUPA	Subtest4	846.6	4233	22.66	17.74	0.059
HSUPA	Subtest5	826.4	4132	22.89	17.97	0.063
HSUPA	Subtest5	836.6	4183	22.97	18.05	0.064
HSUPA	Subtest5	846.6	4233	22.7	17.78	0.060

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSPA+	QPSK	826.4	4132	23.1	18.18	0.066
HSPA+	QPSK	836.6	4183	23.01	18.09	0.064
HSPA+	QPSK	846.6	4233	22.72	17.80	0.060
HSPA+	16QAM	826.4	4132	22.9	17.98	0.063
HSPA+	16QAM	836.6	4183	22.98	18.06	0.064
HSPA+	16QAM	846.6	4233	22.69	17.77	0.060

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DC-HSDPA	Subtest1	826.4	4132	23.08	18.16	0.065
DC-HSDPA	Subtest1	836.6	4183	23.01	18.09	0.064
DC-HSDPA	Subtest1	846.6	4233	22.69	17.77	0.060
DC-HSDPA	Subtest2	826.4	4132	23.1	18.18	0.066
DC-HSDPA	Subtest2	836.6	4183	23	18.08	0.064
DC-HSDPA	Subtest2	846.6	4233	22.76	17.84	0.061
DC-HSDPA	Subtest3	826.4	4132	23.1	18.18	0.066
DC-HSDPA	Subtest3	836.6	4183	23.01	18.09	0.064
DC-HSDPA	Subtest3	846.6	4233	22.75	17.83	0.061
DC-HSDPA	Subtest4	826.4	4132	23.06	18.14	0.065
DC-HSDPA	Subtest4	836.6	4183	23.01	18.09	0.064
DC-HSDPA	Subtest4	846.6	4233	22.75	17.83	0.061

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

### **Radiated Spurious Emissions**

Note: The worst channel results are reflected in the report.

Note: The scanned graph represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan.

#### **WCDMA band II**

**Test result:**

**WCDMA Mode:**

**Channel 9400**

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3761.250000	-49.83	-13	Vertical
5637.187500	-57.26	-13	Vertical
7515.000000	-58.37	-13	Vertical
9401.250000	-56.78	-13	Vertical
11149.687500	-57.28	-13	Vertical
14590.781250	-51.84	-13	Vertical

#### **WCDMA band IV**

**Test result:**

**WCDMA Mode:**

**Channel 1412**

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
5196.562500	-59.53	-13	Vertical
5905.312500	-60.63	-13	Vertical
7312.031250	-59.42	-13	Vertical
8657.812500	-48.32	-13	Vertical
11168.437500	-57.88	-13	Vertical
14541.093750	-51.64	-13	Vertical

**WCDMA band V**

**Test result:**

**WCDMA Mode:**

**Channel 4183**

<b>Frequency (MHz)</b>	<b>Power (dBm)</b>	<b>Limited (dBm)</b>	<b>Polarization</b>
3350.390625	-65.27	-13	Vertical
4291.875000	-62.97	-13	Vertical
5503.312500	-60.94	-13	Vertical
6854.296875	-59.72	-13	Vertical
7950.867188	-57.56	-13	Vertical
9365.226563	-58.21	-13	Vertical

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