

**3. Emission Bandwidth**

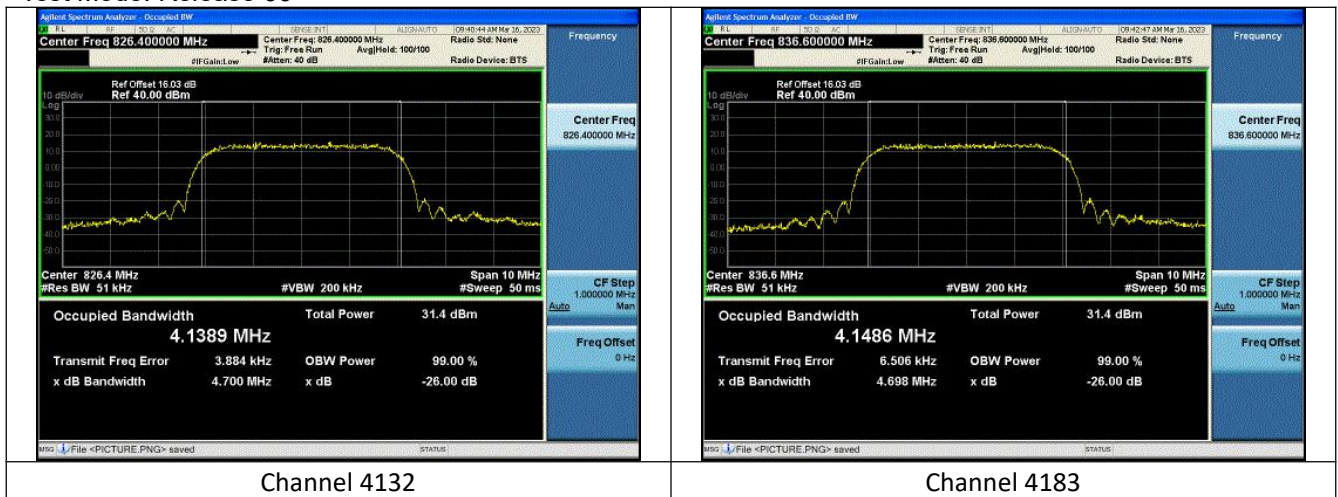
Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
Release 99	826.4	4132	4.70
Release 99	836.6	4183	4.70
Release 99	846.6	4233	4.70

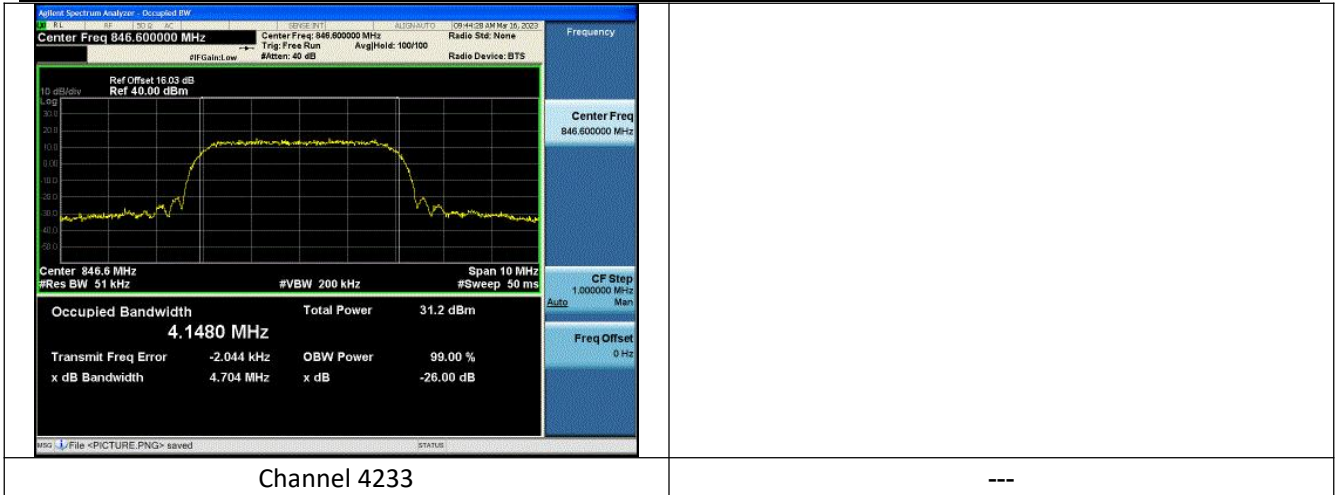
Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
HSDPA	826.4	4132	4.70
HSDPA	836.6	4183	4.66
HSDPA	846.6	4233	4.66

Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
HSUPA	826.4	4132	4.68
HSUPA	836.6	4183	4.68
HSUPA	846.6	4233	4.70

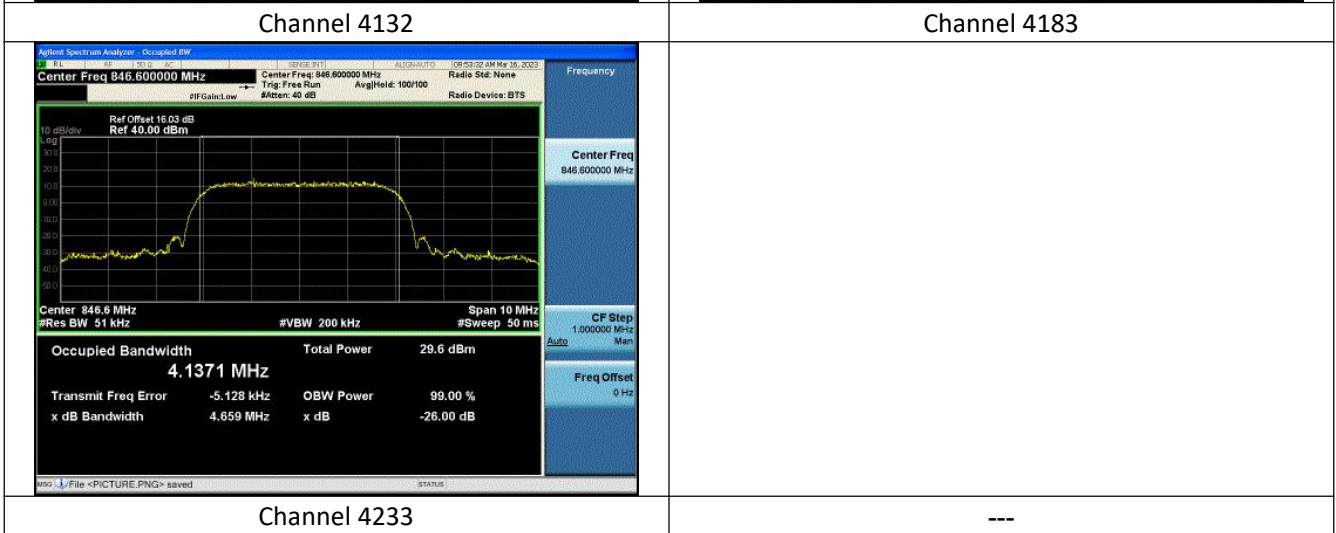
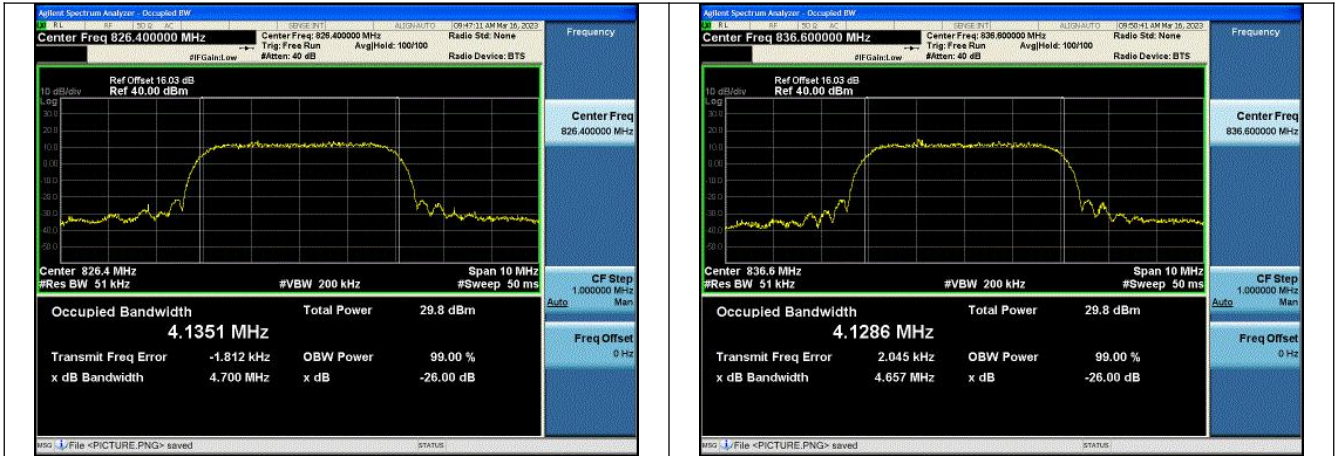
Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
HSPA+	826.4	4132	4.71
HSPA+	836.6	4183	4.68
HSPA+	846.6	4233	4.70

**Test Mode: Release 99**

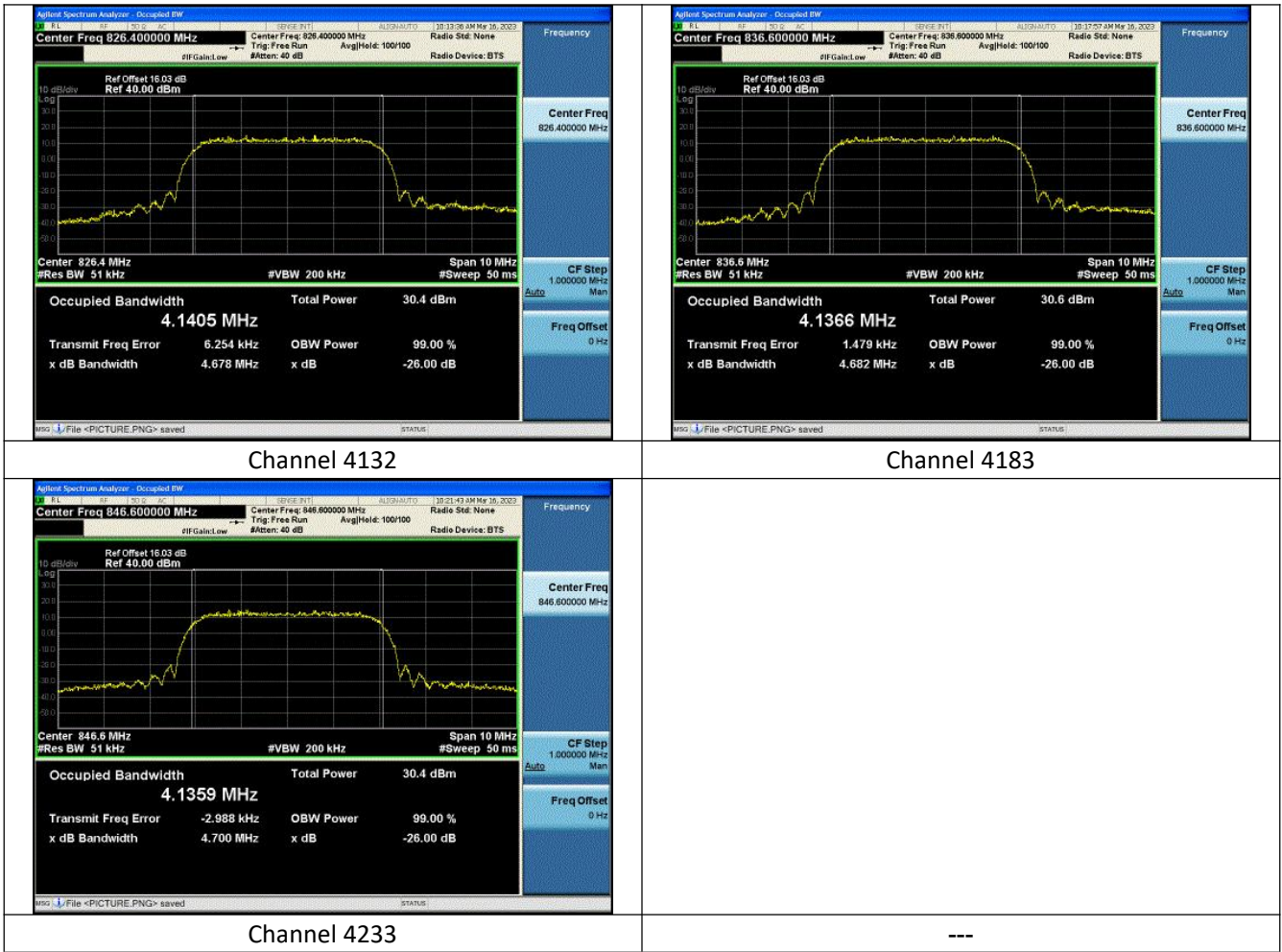




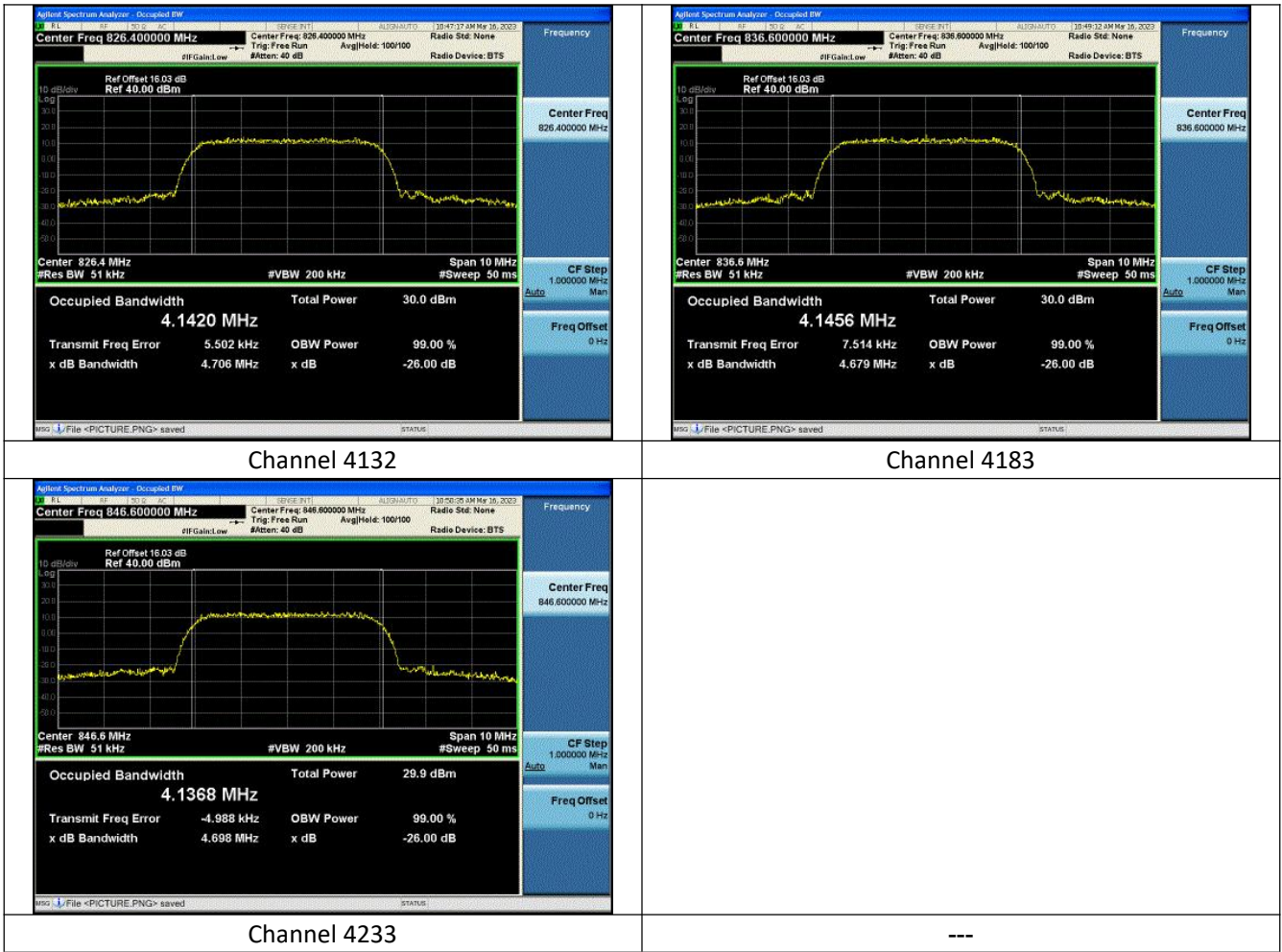
Test Mode: HSDPA



Test Mode: HSUPA



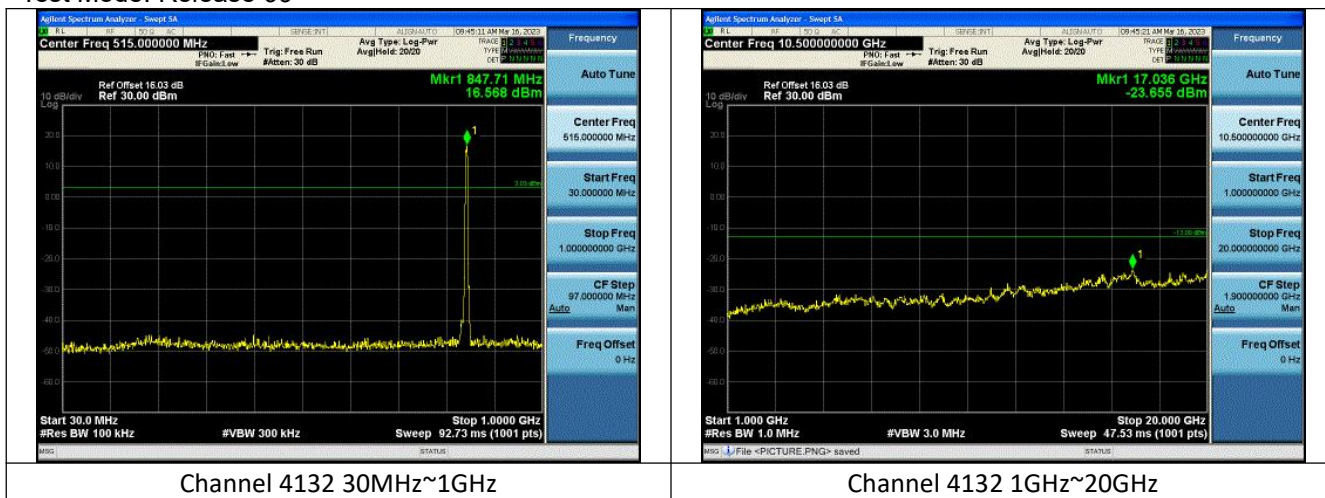
Test Mode: HSPA+





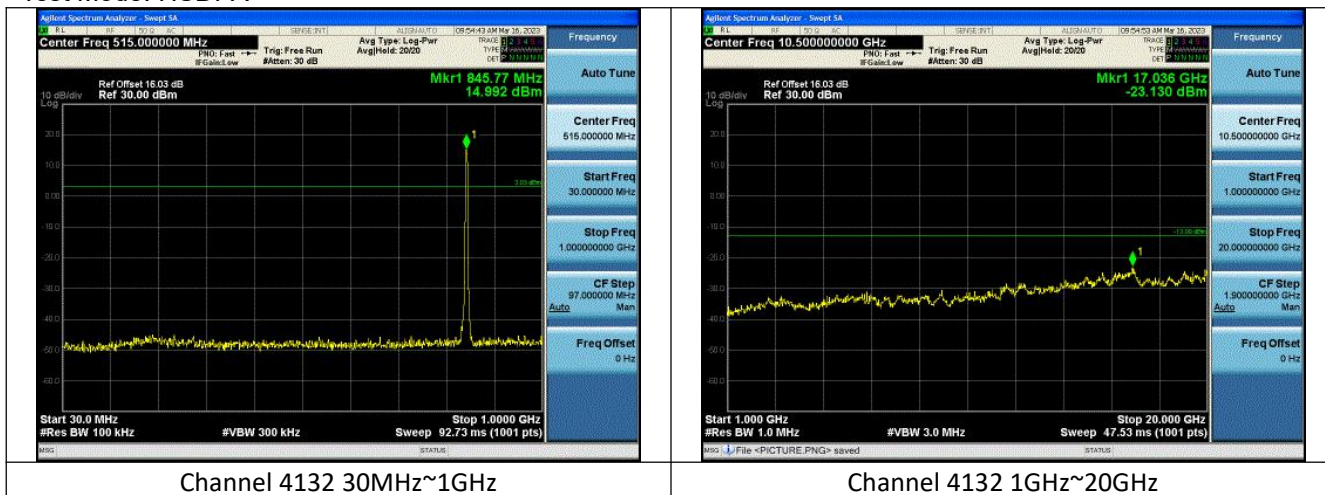
#### 4. Spurious Emissions at antenna terminal

Test Mode: Release 99



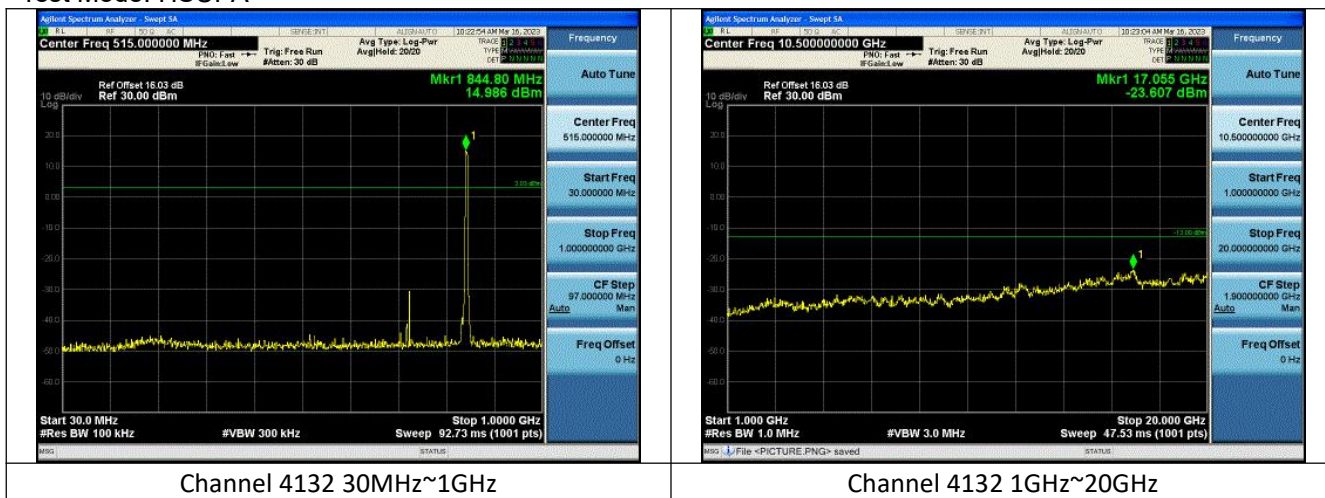
Note: The signal beyond the limit is the signal transmitted by EUT.

Test Mode: HSDPA



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

Test Mode: HSUPA



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

### 5. Band Edges Compliance

Test Mode: Release 99



Channel 4132



Channel 4233

Test Mode: HSDPA

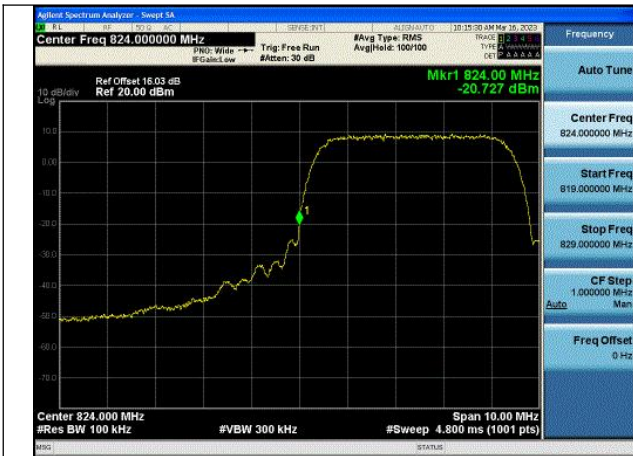


Channel 4132



Channel 4233

Test Mode: HSUPA



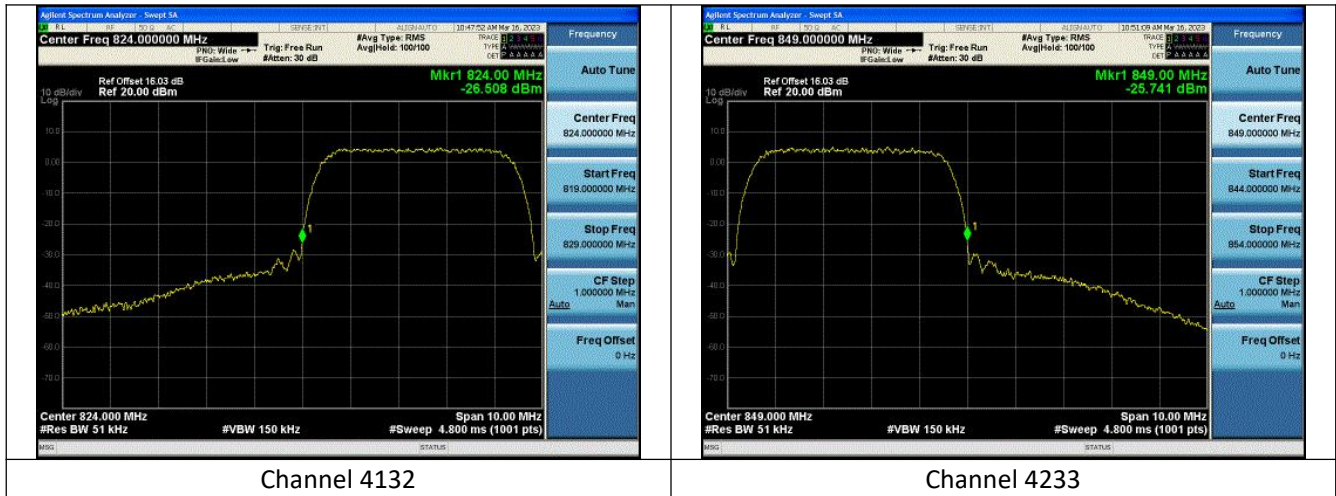
Channel 4132



Channel 4233



Test Mode: HSPA+



## 6. Frequency Stability

Test Mode: Release 99

Name	Temperature(°C)	Test Result (ppm)@NV		
		Channel 4132	Channel 4183	Channel 4233
Release 99	-10	0.001	0.001	0.001
Release 99	-0	0.001	0.003	0.001
Release 99	+10	0.001	0.000	0.001
Release 99	+20	0.001	0.003	0.002
Release 99	+30	0.001	0.001	0.001
Release 99	+40	0.001	0.001	0.001
Release 99	+50	0.002	0.002	0.001
Release 99	+55	0.001	0.001	0.001
Name	Voltage	Test Result (ppm)@NT		
		Channel 4132	Channel 4183	Channel 4233
Release 99	LV	0.001	0.001	0.003
Release 99	HV	0.001	0.002	0.001

Test Mode: HSDPA

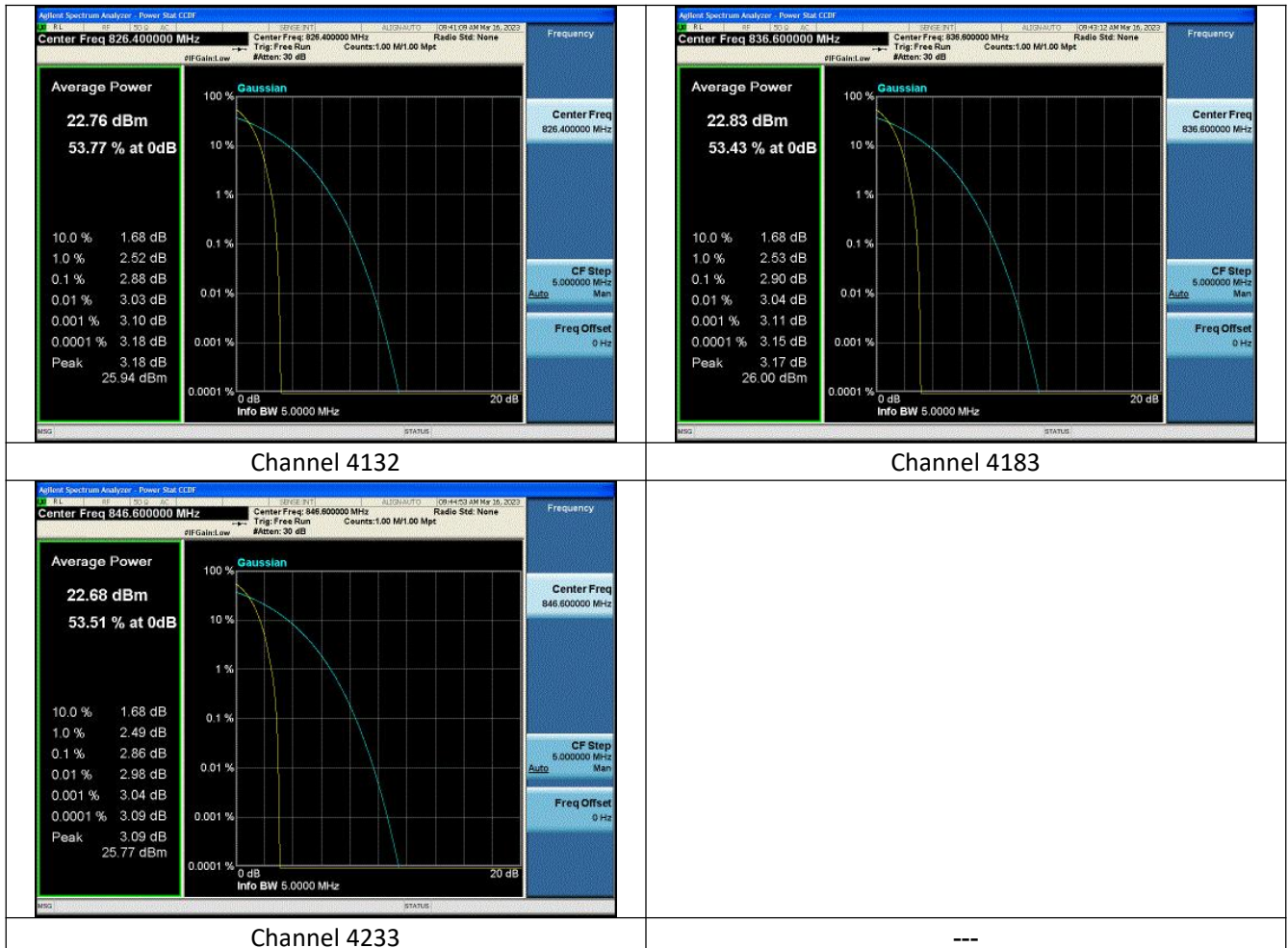
Name	Temperature(°C)	Test Result (ppm)@NV		
		Channel 4132	Channel 4183	Channel 4233
Subtest1	-10	0.000	0.000	0.001
Subtest1	-0	0.001	0.000	0.001
Subtest1	+10	0.001	0.000	0.000
Subtest1	+20	0.000	0.000	0.001
Subtest1	+30	0.000	0.000	0.000
Subtest1	+40	0.000	0.000	0.001
Subtest1	+50	0.001	0.002	0.001
Subtest1	+55	0.000	0.000	0.001
Name	Voltage	Test Result (ppm)@NT		
		Channel 4132	Channel 4183	Channel 4233
Subtest1	LV	0.001	0.001	0.001
Subtest1	HV	0.000	0.000	0.000

Test Mode: HSUPA

Name	Temperature(°C)	Test Result (ppm)@NV		
		Channel 4132	Channel 4183	Channel 4233
Subtest1	-10	0.001	0.001	0.001
Subtest1	-0	0.001	0.001	0.001
Subtest1	+10	0.001	0.001	0.001
Subtest1	+20	0.001	0.000	0.001
Subtest1	+30	0.001	0.001	0.001
Subtest1	+40	0.001	0.001	0.001
Subtest1	+50	0.003	0.002	0.001
Subtest1	+55	0.001	0.000	0.001
Name	Voltage	Test Result (ppm)@NT		
		Channel 4132	Channel 4183	Channel 4233
Subtest1	LV	0.000	0.001	0.001
Subtest1	HV	0.000	0.001	0.001

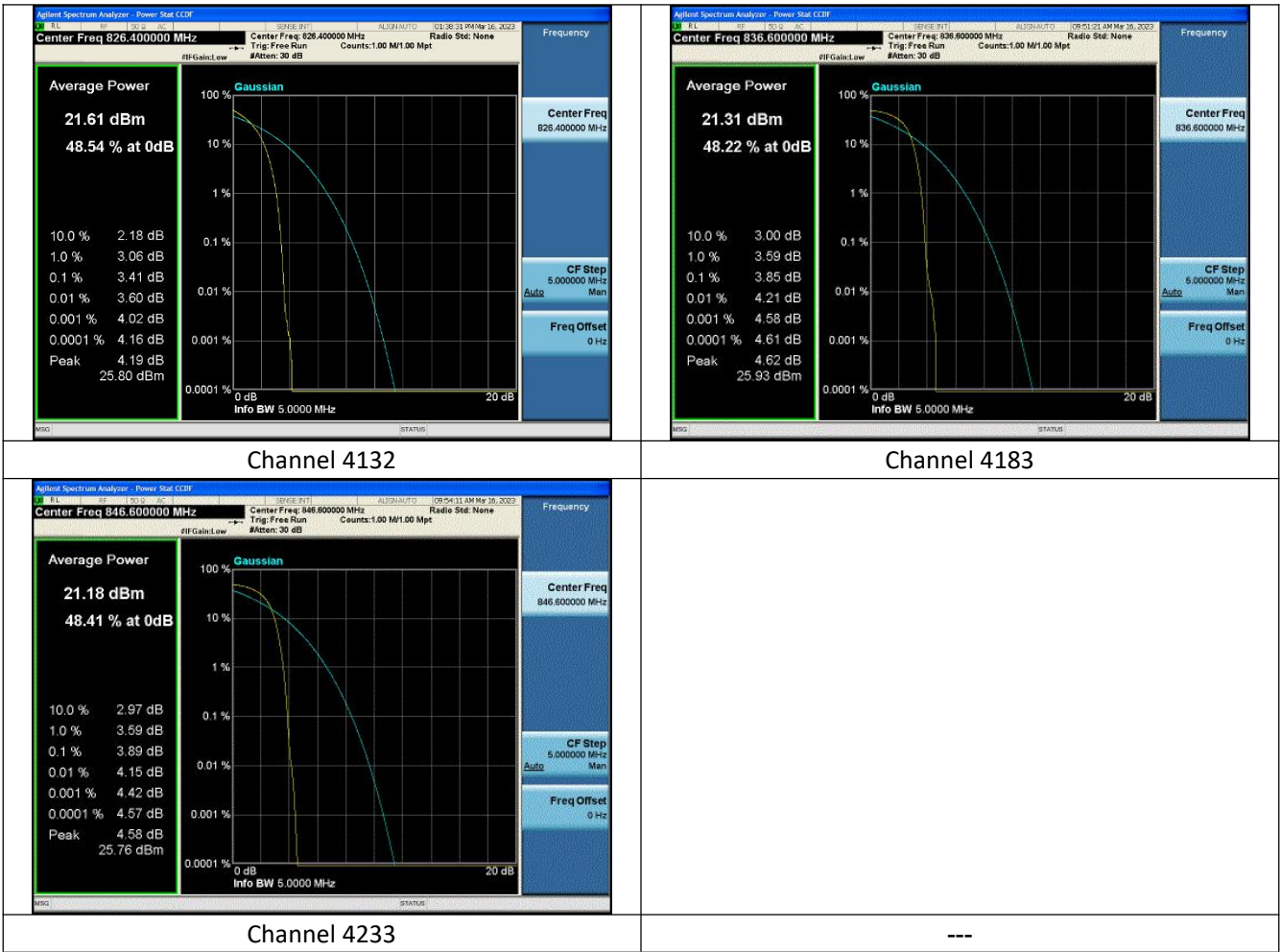
### 7. Peak-Average Ratio

Test Mode: Release 99

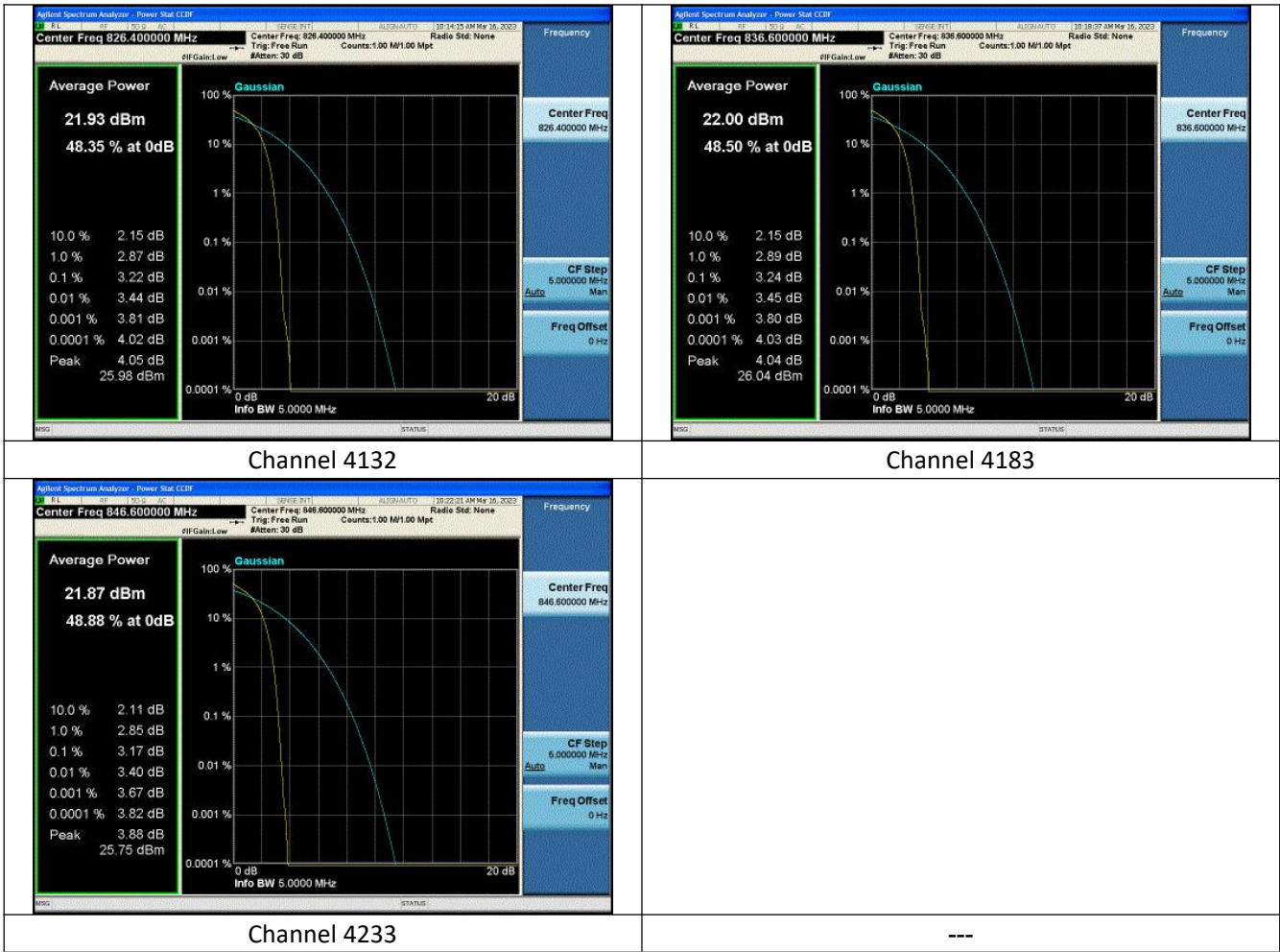




Test Mode: HSDPA



Test Mode: HSUPA



### 8. 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,12.2kbps	826.4	4132	23.33	16.08	0.041
Release 99	RMC,12.2kbps	836.6	4183	23.29	16.04	0.040
Release 99	RMC,12.2kbps	846.6	4233	23.16	15.91	0.039

Mode	Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
HSDPA	Subtest1	826.4	4132	22.40	15.15	0.033
HSDPA	Subtest1	836.6	4183	22.31	15.06	0.032
HSDPA	Subtest1	846.6	4233	22.20	14.95	0.031
HSDPA	Subtest2	826.4	4132	21.98	14.73	0.030
HSDPA	Subtest2	836.6	4183	21.90	14.65	0.029
HSDPA	Subtest2	846.6	4233	21.78	14.53	0.028
HSDPA	Subtest3	826.4	4132	21.88	14.63	0.029
HSDPA	Subtest3	836.6	4183	21.82	14.57	0.029
HSDPA	Subtest3	846.6	4233	21.67	14.42	0.028

HSDPA	Subtest4	826.4	4132	21.87	14.62	0.029
HSDPA	Subtest4	836.6	4183	21.80	14.55	0.029
HSDPA	Subtest4	846.6	4233	21.67	14.42	0.028

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSUPA	Subtest1	826.4	4132	22.38	15.13	0.033
HSUPA	Subtest1	836.6	4183	22.46	15.21	0.033
HSUPA	Subtest1	846.6	4233	22.35	15.10	0.032
HSUPA	Subtest2	826.4	4132	20.35	13.10	0.020
HSUPA	Subtest2	836.6	4183	20.47	13.22	0.021
HSUPA	Subtest2	846.6	4233	20.33	13.08	0.020
HSUPA	Subtest3	826.4	4132	21.38	14.13	0.026
HSUPA	Subtest3	836.6	4183	21.47	14.22	0.026
HSUPA	Subtest3	846.6	4233	21.34	14.09	0.026
HSUPA	Subtest4	826.4	4132	20.08	12.83	0.019
HSUPA	Subtest4	836.6	4183	20.35	13.10	0.020
HSUPA	Subtest4	846.6	4233	20.09	12.84	0.019
HSUPA	Subtest5	826.4	4132	22.39	15.14	0.033
HSUPA	Subtest5	836.6	4183	22.46	15.21	0.033
HSUPA	Subtest5	846.6	4233	22.35	15.10	0.032

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSPA+	QPSK	826.4	4132	21.38	14.13	0.026
HSPA+	QPSK	836.6	4183	21.13	13.88	0.024
HSPA+	QPSK	846.6	4233	21.33	14.08	0.026
HSPA+	16QAM	826.4	4132	21.41	14.16	0.026
HSPA+	16QAM	836.6	4183	21.39	14.14	0.026
HSPA+	16QAM	846.6	4233	21.24	13.99	0.025



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

### **Radiated Spurious Emissions**

Note1: The worst channel results are reflected in the report.

Note2 : 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
1152.00	-80.43	-13	Vertical
1502.00	-76.99	-13	Vertical
2442.00	-78.59	-13	Vertical
3111.00	-83.00	-13	Vertical
3588.00	-80.82	-13	Vertical
3759.00	-87.39	-13	Vertical

WCDMA band IV

Test result:

WCDMA Mode:

Channel 1413

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1158.00	-80.42	-13	Vertical
1496.00	-76.77	-13	Vertical
2444.00	-78.58	-13	Vertical
3087.00	-83.04	-13	Vertical
3594.00	-80.87	-13	Vertical
4674.00	-87.29	-13	Vertical

WCDMA band V

Test result:

WCDMA Mode:

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1156.00	-80.71	-13	Vertical
1502.00	-76.82	-13	Vertical
2406.00	-78.83	-13	Vertical
3120.00	-83.24	-13	Vertical
3573.00	-81.05	-13	Vertical
5202.00	-85.36	-13	Vertical

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