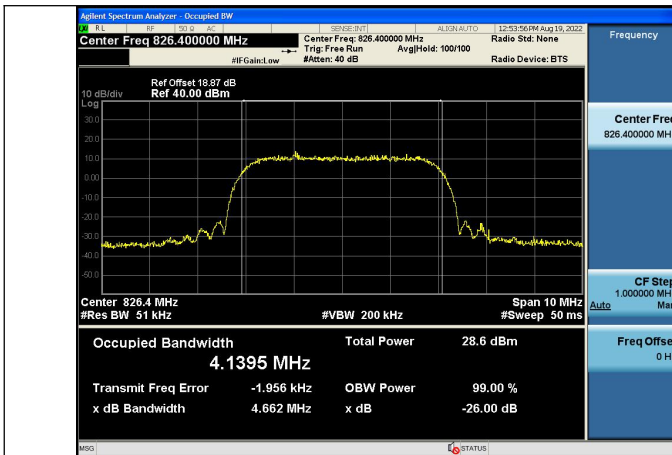
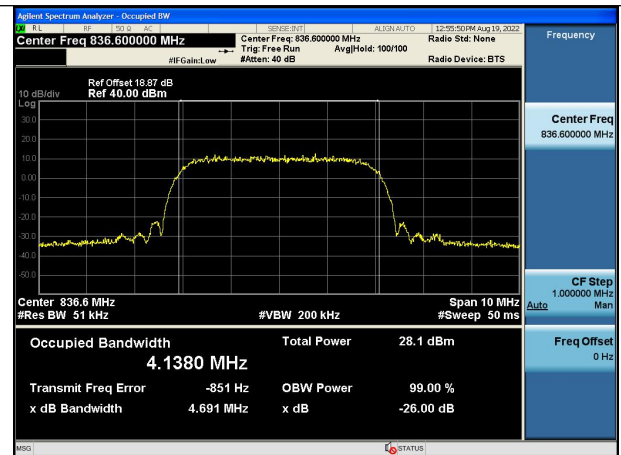


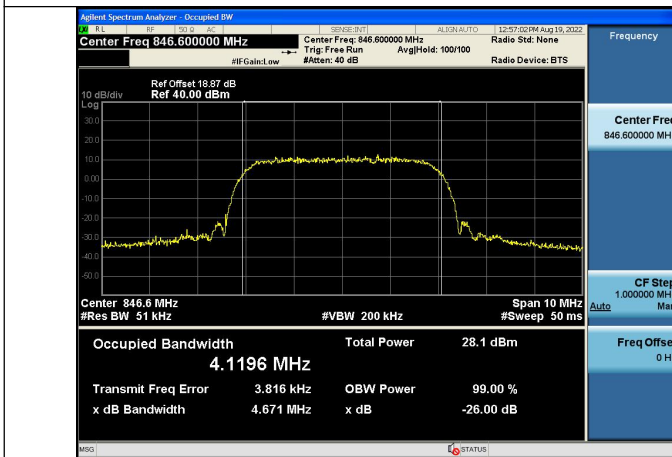
WCDMA band V  
Test Mode: Release 99



Channel 4132

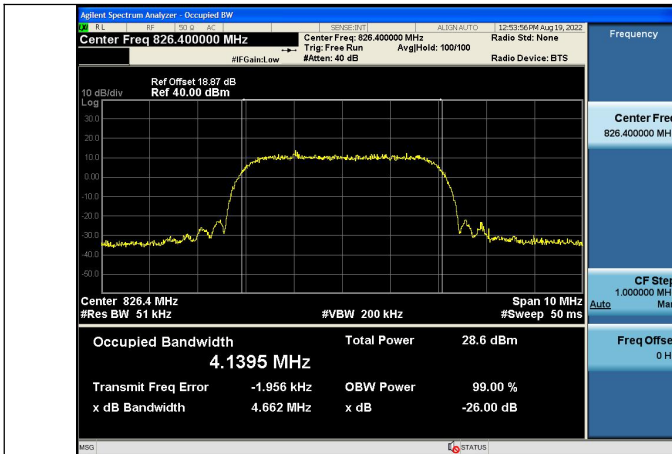


Channel 4183

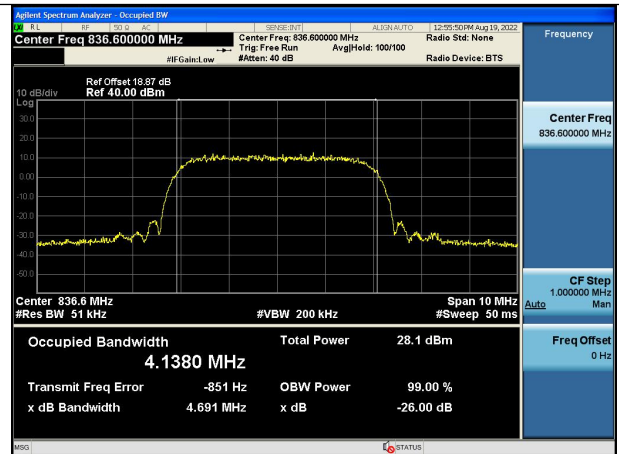


Channel 4233

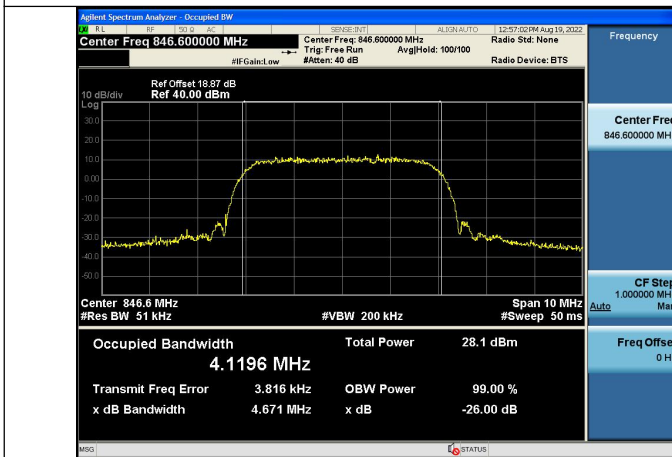
Test Mode: HSDPA



Channel 4132

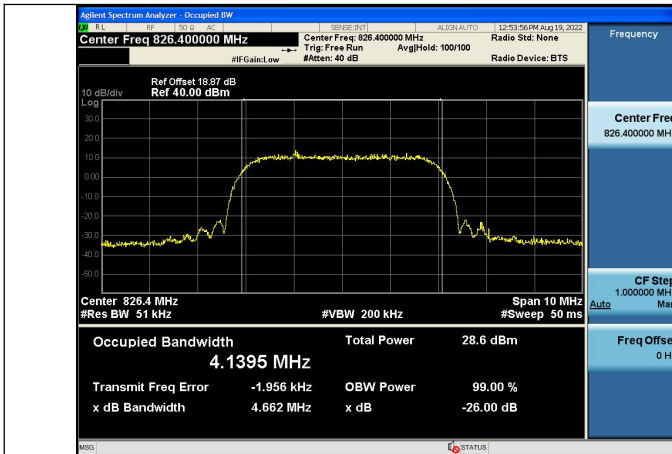


Channel 4183

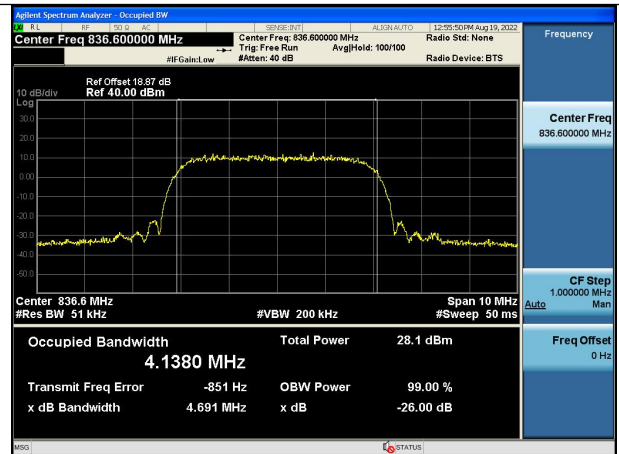


Channel 4233

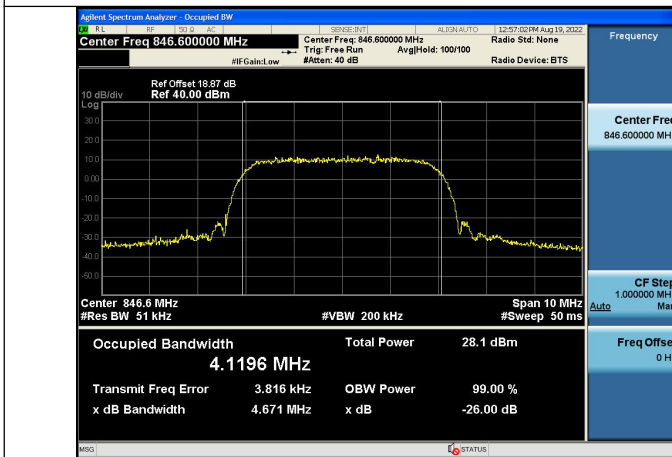
Test Mode: HSUPA



Channel 4132

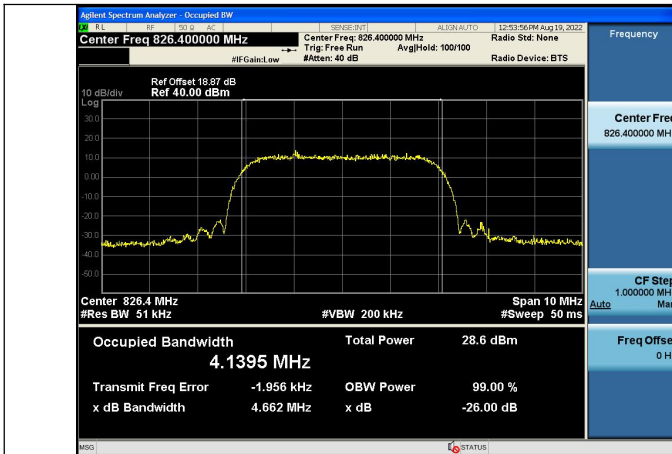


Channel 4183

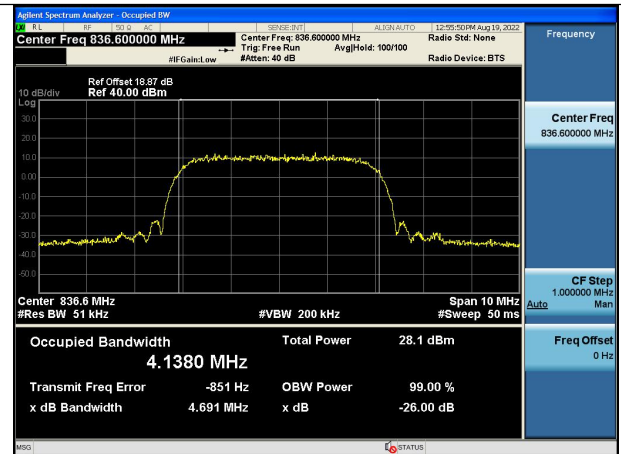


Channel 4233

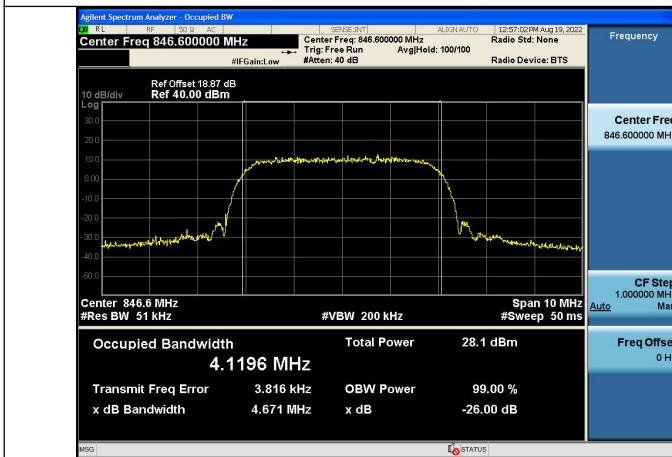
Test Mode: HSPA+



Channel 4132



Channel 4183



Channel 4233

### 3. Emission Bandwidth

WCDMA band V

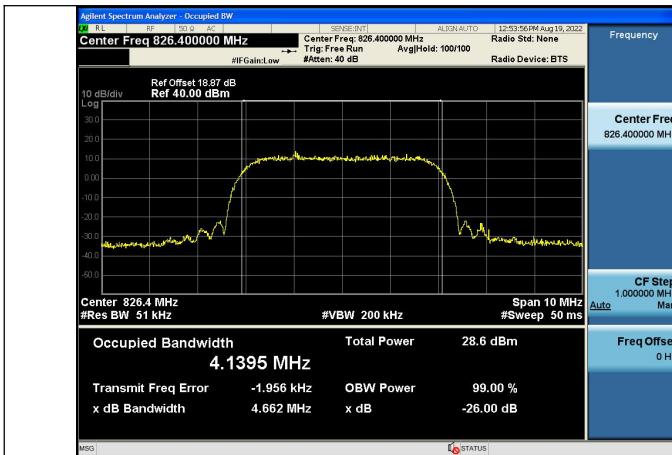
Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
Release 99	826.4	4132	4.68
Release 99	836.6	4183	4.70
Release 99	846.6	4233	4.67

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

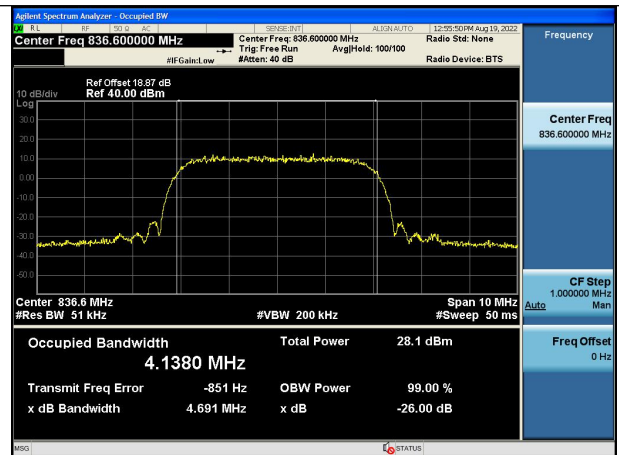
Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
HSUPA	826.4	4132	4.67
HSUPA	836.6	4183	4.66
HSUPA	846.6	4233	4.66

Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
HSPA+	826.4	4132	4.66
HSPA+	836.6	4183	4.69
HSPA+	846.6	4233	4.67

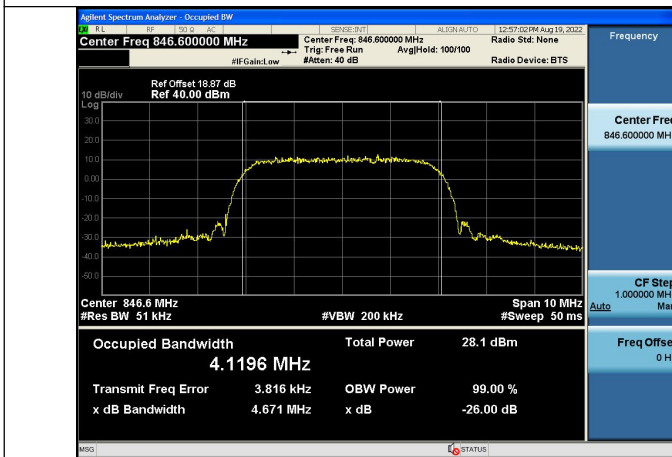
WCDMA band V  
Test Mode: Release 99



Channel 4132

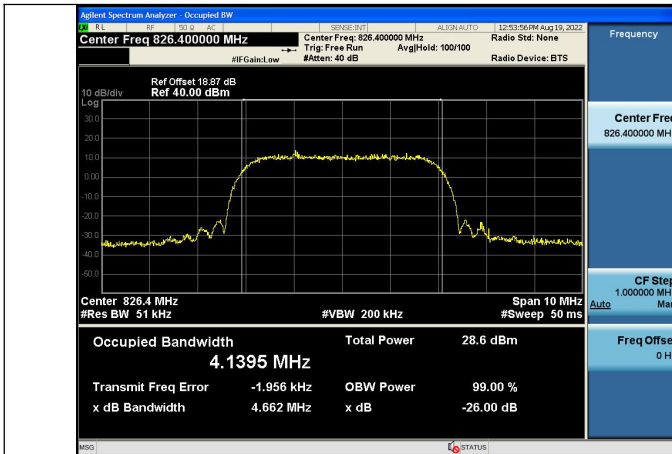


Channel 4183

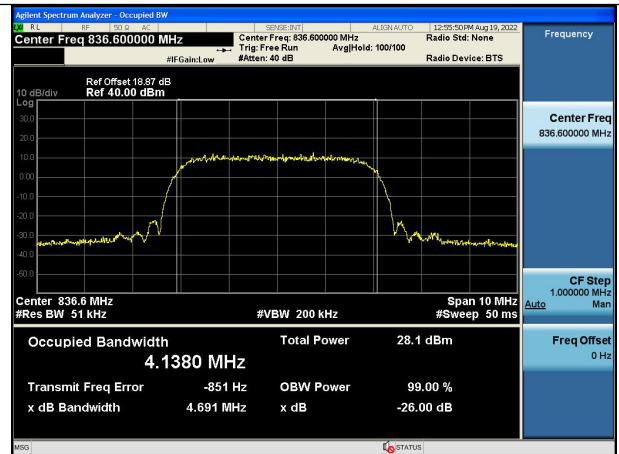


Channel 4233

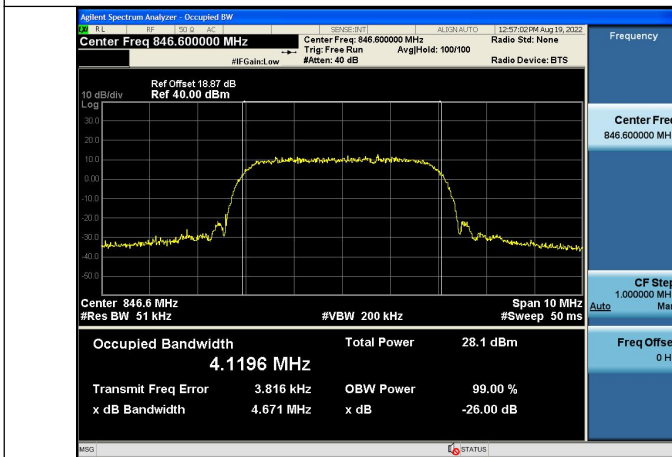
Test Mode: HSDPA



Channel 4132

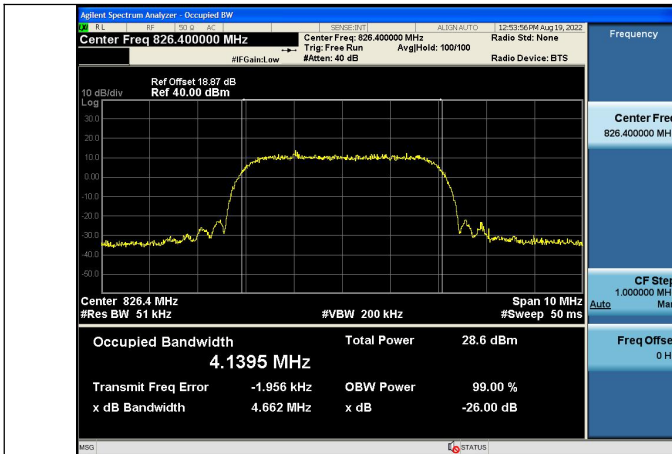


Channel 4183

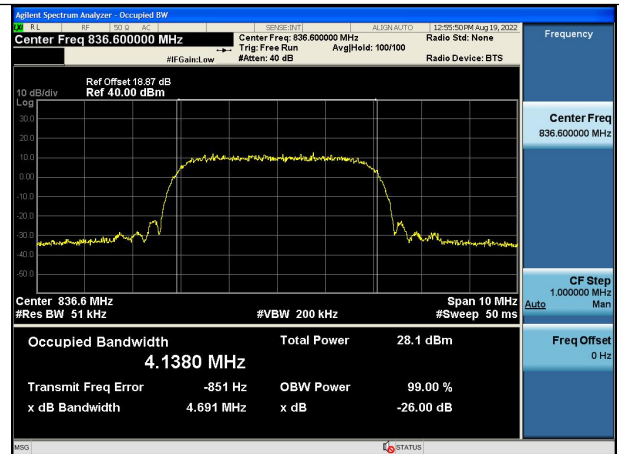


Channel 4233

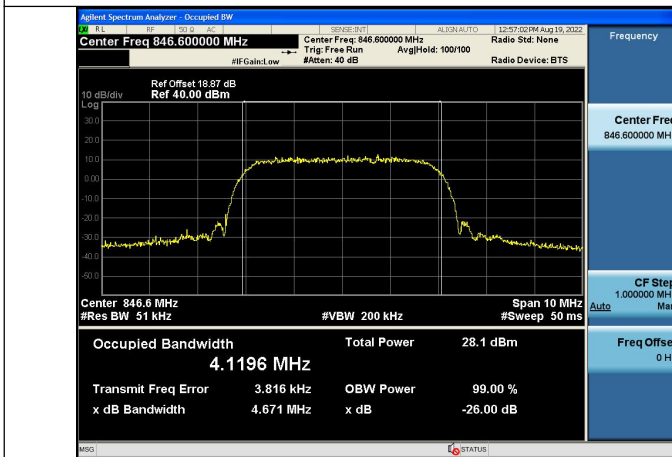
Test Mode: HSUPA



Channel 4132



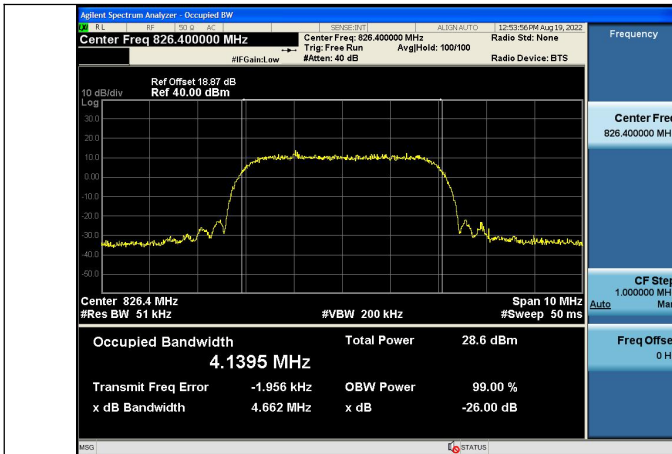
Channel 4183



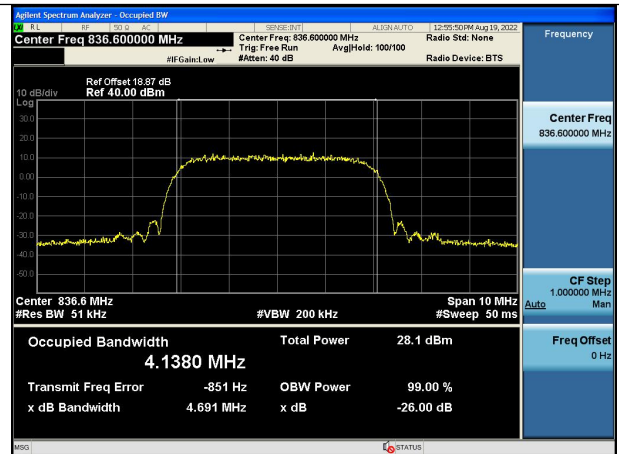
Channel 4233



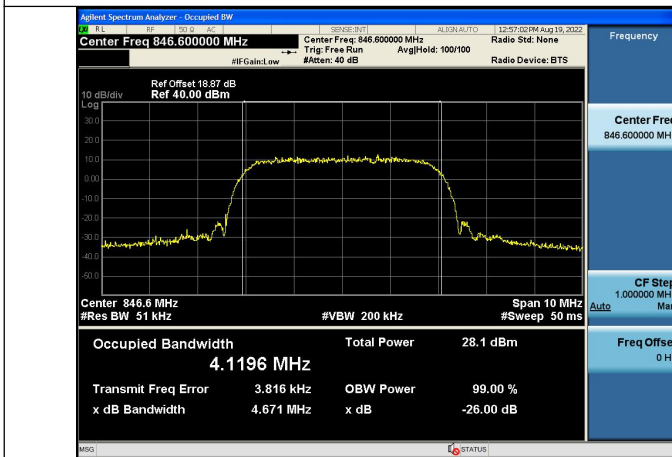
Test Mode: HSPA+



Channel 4132

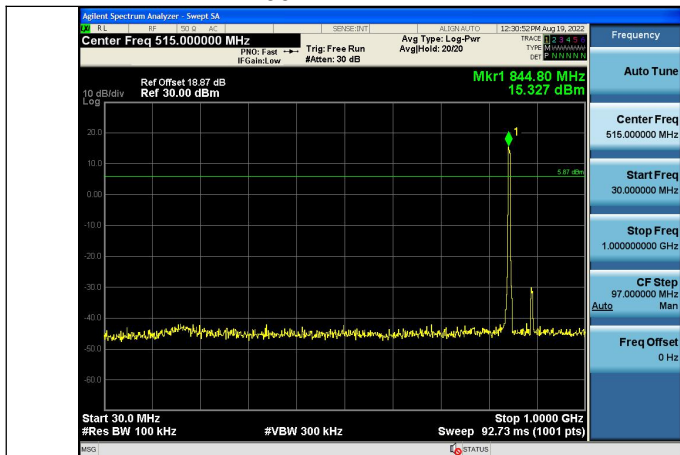


Channel 4183



Channel 4233

**4. Spurious Emissions at antenna terminal**  
WCDMA band V  
Test Mode: Release 99



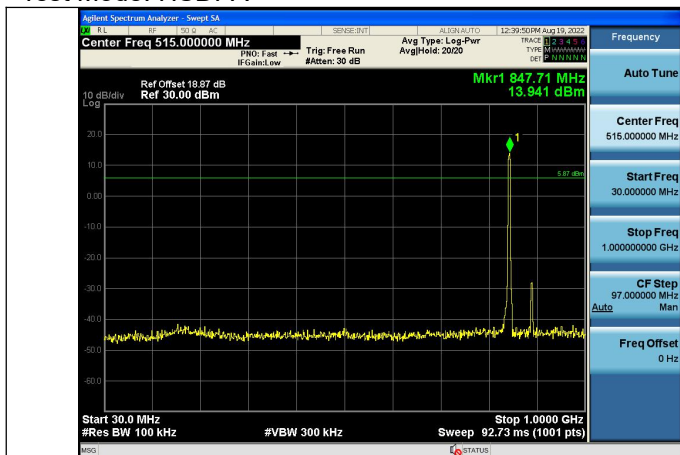
Channel 4132 30MHz~1GHz(dBm)



Channel 4132 1GHz~20GHz(dBm)

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

Test Mode: HSDPA



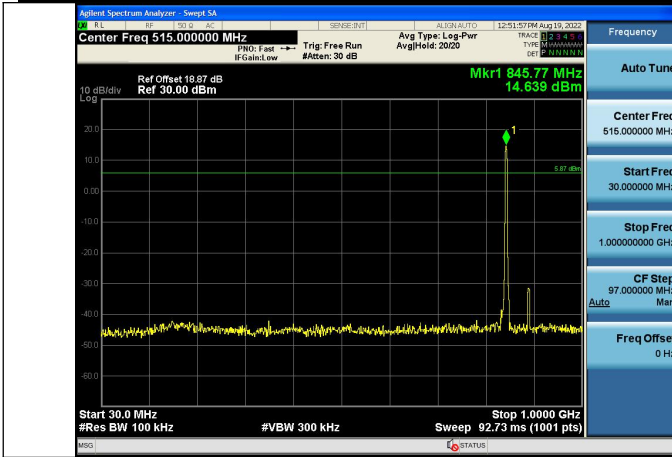
Channel 4132 30MHz~1GHz(dBm)



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)



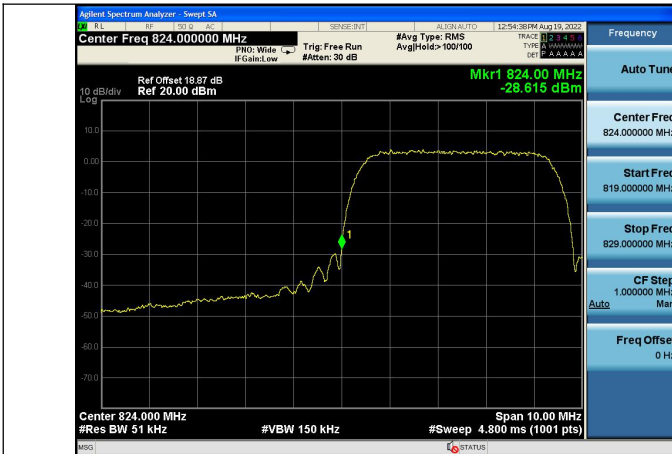
Channel 4132 1GHz~20GHz(dBm)

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

### 5. Band Edges Compliance

WCDMA band V

Test Mode: Release 99

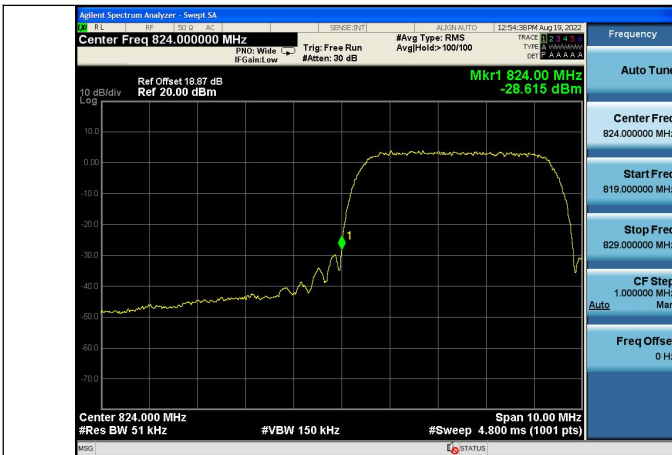


Channel 4132



Channel 4233

Test Mode: HSDPA

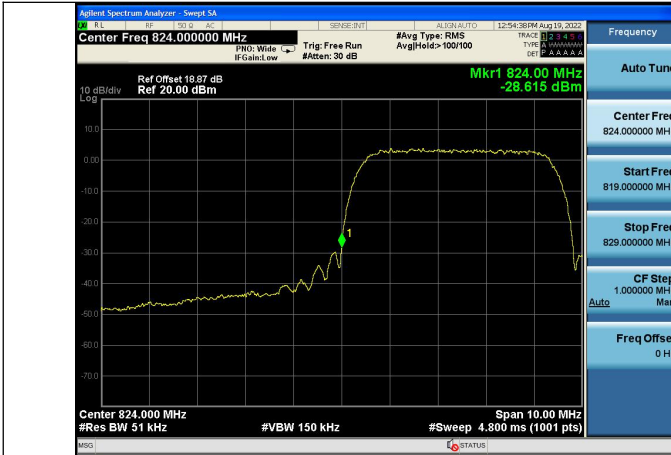


Channel 4132



Channel 4233

Test Mode: HSPA

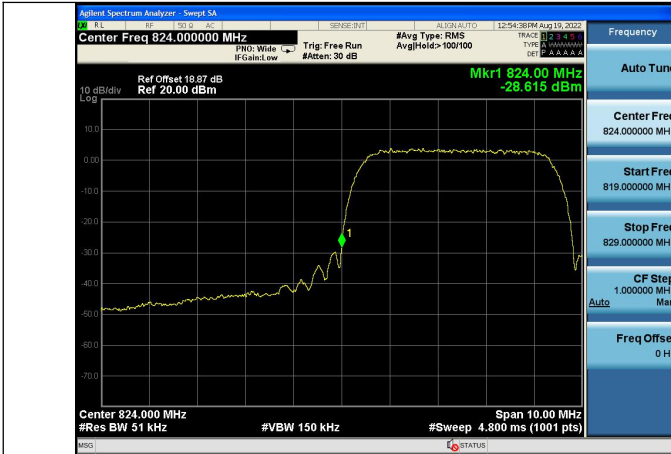


Channel 4132



Channel 4233

Test Mode: HSPA+



Channel 4132



Channel 4233

## 6. Frequency Stability

WCDMA band V

Mode	Temperature (°C)	Test Result (ppm)@NV		
		Channel 4132	Channel 4183	Channel 4233
Release 99	-20	-0.006	-0.006	0.001
Release 99	-10	-0.007	-0.006	-0.001
Release 99	0	-0.008	-0.003	0.003
Release 99	+10	-0.005	-0.003	0.004
Release 99	+30	-0.005	-0.005	-0.002
Release 99	+40	-0.006	-0.005	-0.002
Release 99	+55	-0.006	-0.005	-0.002
Mode	Voltage	Test Result (ppm)@NT		
		Channel 4132	Channel 4183	Channel 4233
Release 99	LV	-0.007	0.007	0.005
Release 99	HV	0.005	0.002	0.001

Mode	Temperature (°C)	Test Result (ppm)@NV		
		Channel 4132	Channel 4183	Channel 4233
HSDPA	-20	-0.003	-0.001	0.000
HSDPA	-10	0.000	-0.001	0.000
HSDPA	0	-0.003	0.000	0.001
HSDPA	+10	-0.002	-0.001	0.001
HSDPA	+30	-0.003	-0.003	0.000
HSDPA	+40	-0.003	0.001	0.000
HSDPA	+55	-0.003	-0.002	0.000
Mode	Voltage	Test Result (ppm)@NT		
		Channel 4132	Channel 4183	Channel 4233
HSDPA	LV	0.005	-0.001	0.001
HSDPA	HV	-0.002	0.001	0.001

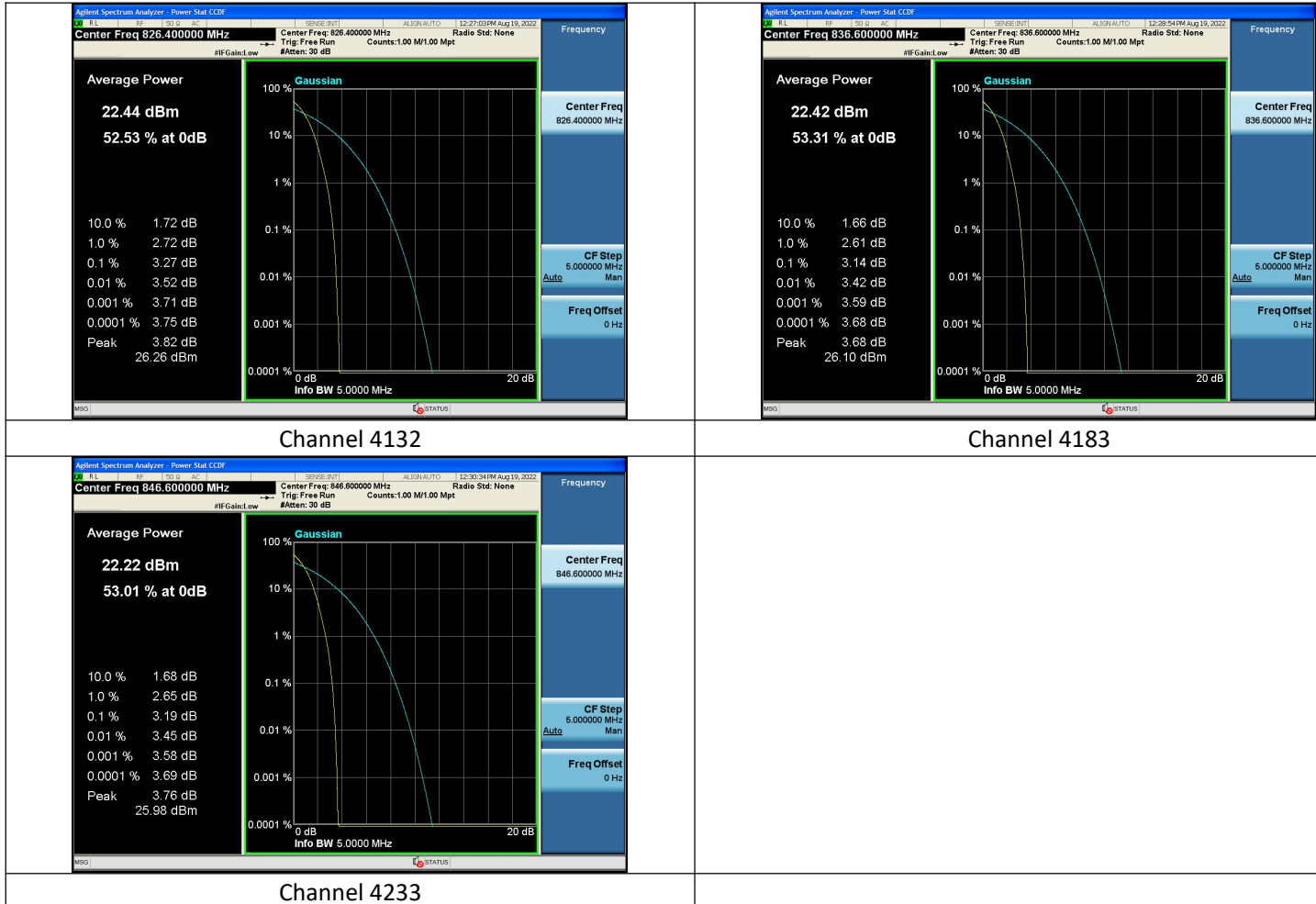
Mode	Temperature (°C)	Test Result (ppm)@NV		
		Channel 4132	Channel 4183	Channel 4233
HSUPA	-20	-0.009	-0.003	0.002
HSUPA	-10	-0.009	0.002	0.001
HSUPA	0	-0.010	-0.001	0.001
HSUPA	+10	-0.009	0.008	0.001
HSUPA	+30	-0.009	-0.002	0.000
HSUPA	+40	-0.010	0.003	-0.001
HSUPA	+55	-0.011	-0.002	-0.001
Mode	Voltage	Test Result (ppm)@NT		
		Channel 4132	Channel 4183	Channel 4233

HSUPA	LV	-0.009	-0.002	0.001
HSUPA	HV	-0.009	-0.001	0.001

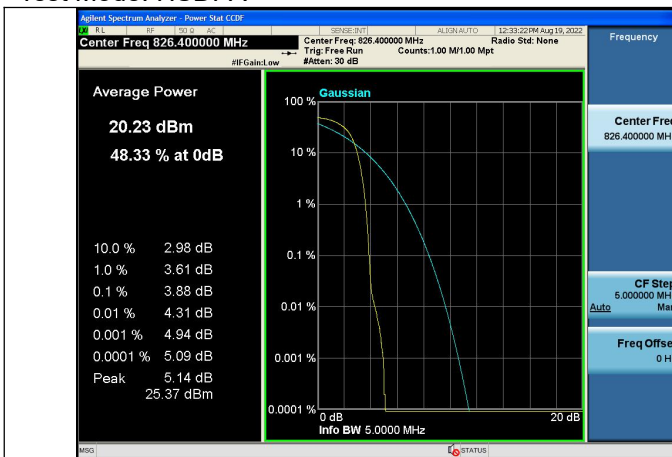
### 7. Peak-Average Ratio

WCDMA band V

Test Mode: Release 99



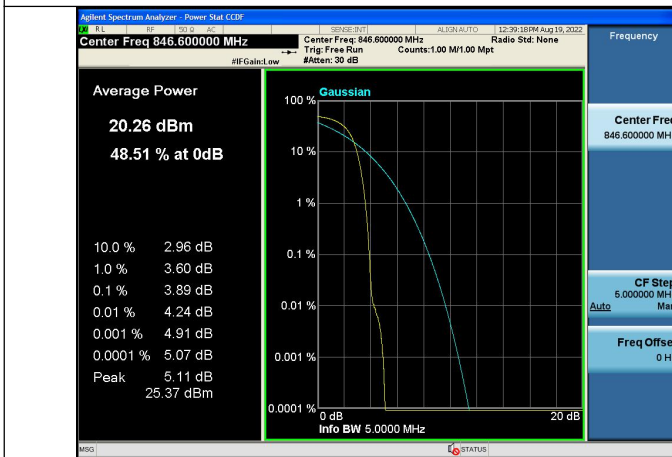
Test Mode: HSDPA



Channel 4132

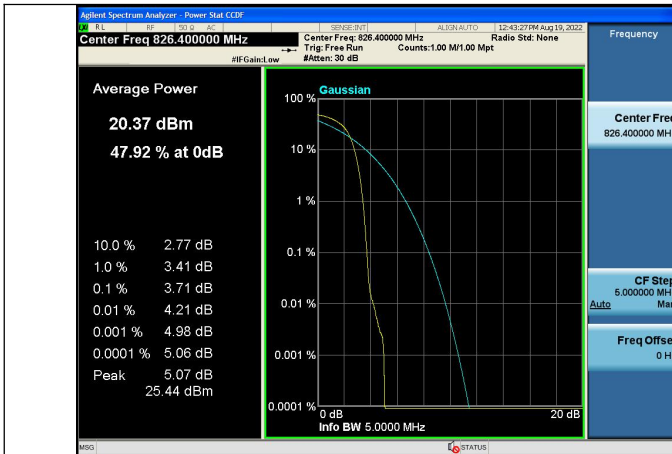


Channel 4183

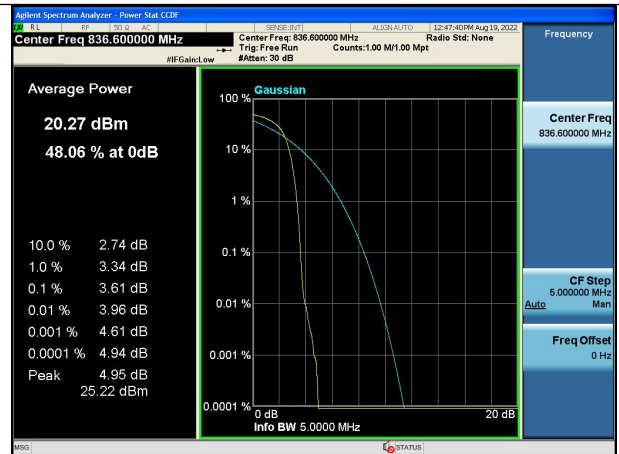


Channel 4233

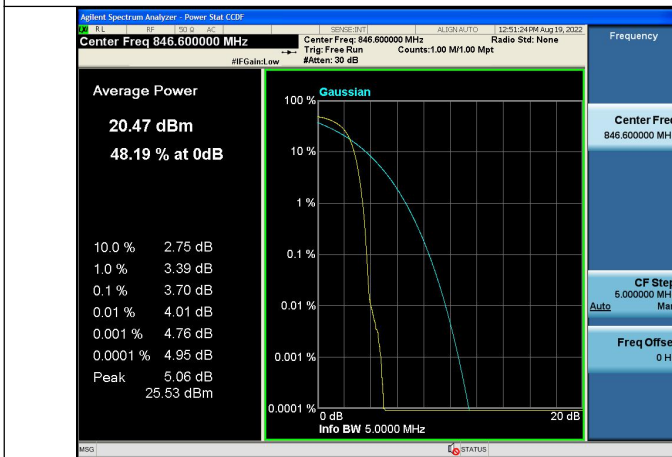
Test Mode: HSUPA



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,12.2kbps	826.4	4132	22.51	20.96	0.125
Release 99	RMC,12.2kbps	836.6	4183	22.25	20.70	0.117
Release 99	RMC,12.2kbps	846.6	4233	22.18	20.63	0.116

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSDPA	Subtest1	826.4	4132	20.94	19.39	0.087
HSDPA	Subtest1	836.6	4183	20.94	19.39	0.087
HSDPA	Subtest1	846.6	4233	20.1	18.55	0.072
HSDPA	Subtest2	826.4	4132	20.58	19.03	0.080
HSDPA	Subtest2	836.6	4183	20.53	18.98	0.079
HSDPA	Subtest2	846.6	4233	19.67	18.12	0.065
HSDPA	Subtest3	826.4	4132	20.44	18.89	0.077
HSDPA	Subtest3	836.6	4183	20.4	18.85	0.077
HSDPA	Subtest3	846.6	4233	19.54	17.99	0.063
HSDPA	Subtest4	826.4	4132	20.44	18.89	0.077
HSDPA	Subtest4	836.6	4183	20.38	18.83	0.076
HSDPA	Subtest4	846.6	4233	19.52	17.97	0.063

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSUPA	Subtest1	826.4	4132	20.93	19.38	0.087
HSUPA	Subtest1	836.6	4183	20.68	19.13	0.082
HSUPA	Subtest1	846.6	4233	19.97	18.42	0.070
HSUPA	Subtest2	826.4	4132	20.36	18.81	0.076
HSUPA	Subtest2	836.6	4183	20.15	18.60	0.072
HSUPA	Subtest2	846.6	4233	19.47	17.92	0.062
HSUPA	Subtest3	826.4	4132	20.94	19.39	0.087
HSUPA	Subtest3	836.6	4183	20.67	19.12	0.082
HSUPA	Subtest3	846.6	4233	19.97	18.42	0.070
HSUPA	Subtest4	826.4	4132	20.47	18.92	0.078
HSUPA	Subtest4	836.6	4183	20.25	18.70	0.074
HSUPA	Subtest4	846.6	4233	19.72	18.17	0.066
HSUPA	Subtest5	826.4	4132	20.32	18.77	0.075
HSUPA	Subtest5	836.6	4183	20.1	18.55	0.072
HSUPA	Subtest5	846.6	4233	19.43	17.88	0.061

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSPA+	QPSK	826.4	4132	20.79	19.24	0.084
HSPA+	QPSK	836.6	4183	19.6	18.05	0.064
HSPA+	QPSK	846.6	4233	19.64	18.09	0.064
HSPA+	16QAM	826.4	4132	20.65	19.10	0.081
HSPA+	16QAM	836.6	4183	19.46	17.91	0.062
HSPA+	16QAM	846.6	4233	19.48	17.93	0.062

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DC-HSDPA	Subtest1	826.4	4132	20.57	19.02	0.080
DC-HSDPA	Subtest1	836.6	4183	20.18	18.63	0.073
DC-HSDPA	Subtest1	846.6	4233	19.94	18.39	0.069
DC-HSDPA	Subtest2	826.4	4132	20.18	18.63	0.073
DC-HSDPA	Subtest2	836.6	4183	20.3	18.75	0.075
DC-HSDPA	Subtest2	846.6	4233	19.98	18.43	0.070
DC-HSDPA	Subtest3	826.4	4132	20.08	18.53	0.071
DC-HSDPA	Subtest3	836.6	4183	20.2	18.65	0.073
DC-HSDPA	Subtest3	846.6	4233	19.85	18.30	0.068
DC-HSDPA	Subtest4	826.4	4132	19.95	18.40	0.069
DC-HSDPA	Subtest4	836.6	4183	20.18	18.63	0.073
DC-HSDPA	Subtest4	846.6	4233	19.83	18.28	0.067

## 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.

Note: The test antenna is the main antenna

WCDMA band II

Test result:

Test result:

WCDMA Mode:

Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.49	-49.11	-13	Vertical
2781.65	-47.60	-13	Vertical
3728.24	-40.84	-13	Vertical
6676.74	-39.91	-13	Vertical
9960.70	-37.03	-13	Vertical
17818.79	-33.54	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.89	-48.87	-13	Vertical
2782.09	-47.69	-13	Vertical
3727.38	-40.97	-13	Vertical
6677.15	-39.70	-13	Vertical
9959.84	-36.91	-13	Vertical
17819.64	-34.39	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.54	-49.10	-13	Vertical
2781.21	-47.01	-13	Vertical
3726.62	-40.74	-13	Vertical
6676.19	-39.34	-13	Vertical
9962.92	-37.40	-13	Vertical
17822.27	-34.24	-13	Vertical

WCDMA band IV  
Test result:

WCDMA Mode:  
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.12	-48.84	-13	Vertical
2779.22	-47.29	-13	Vertical
3727.77	-41.22	-13	Vertical
6675.91	-39.92	-13	Vertical
9960.04	-37.07	-13	Vertical
17820.38	-33.48	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.75	-49.17	-13	Vertical
2780.30	-47.51	-13	Vertical
3727.21	-40.93	-13	Vertical
6675.53	-39.92	-13	Vertical
9962.05	-37.10	-13	Vertical
17819.05	-33.95	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.30	-48.86	-13	Vertical
2780.42	-47.56	-13	Vertical
3725.26	-40.98	-13	Vertical
6677.36	-39.74	-13	Vertical
9961.02	-37.43	-13	Vertical
17819.77	-33.96	-13	Vertical

WCDMA band V  
Test result:  
WCDMA Mode:  
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.84	-52.91	-13	Vertical
1666.25	-51.08	-13	Vertical
2534.99	-44.39	-13	Vertical
2576.27	-44.51	-13	Vertical
8963.44	-39.96	-13	Vertical
9969.83	-36.46	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.27	-52.58	-13	Vertical
1666.37	-51.45	-13	Vertical
2532.89	-43.90	-13	Vertical
2577.69	-44.64	-13	Vertical
8962.58	-39.57	-13	Vertical
9972.03	-36.77	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.12	-52.75	-13	Vertical
1665.87	-51.39	-13	Vertical
2536.14	-44.13	-13	Vertical
2578.75	-44.07	-13	Vertical
8962.16	-39.76	-13	Vertical
9972.37	-36.13	-13	Vertical

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