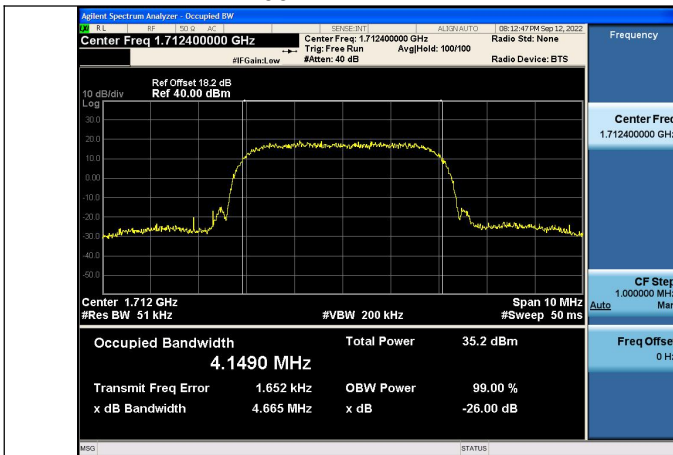
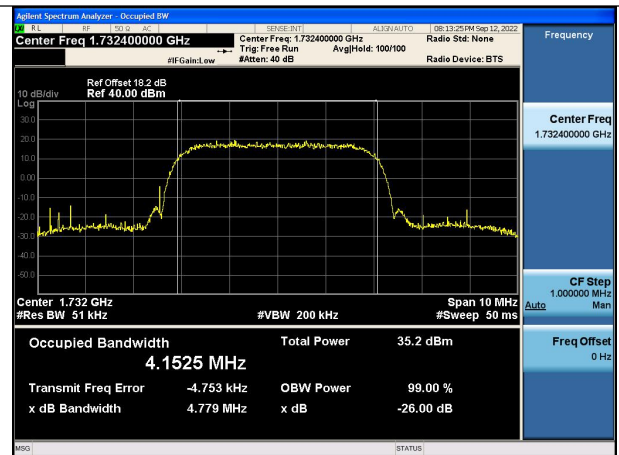


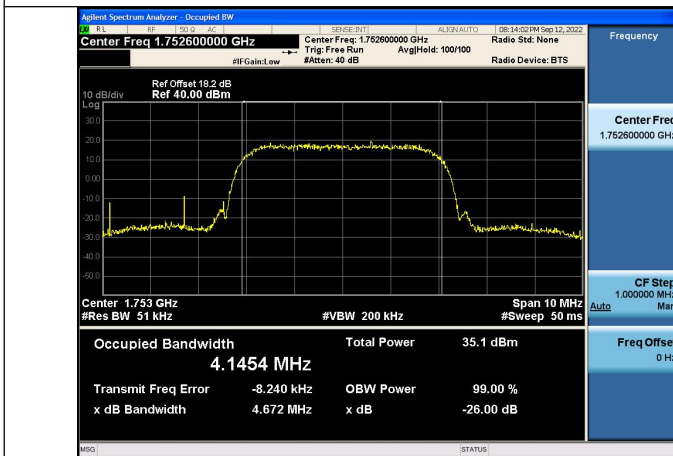
WCDMA band IV  
Test Mode: Release 99



Channel 1312

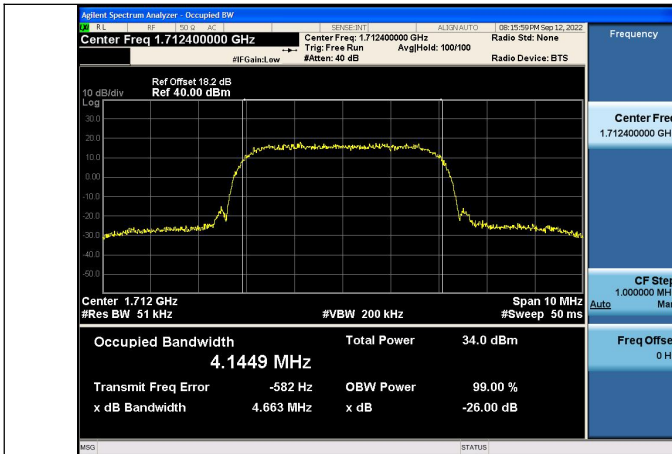


Channel 1412

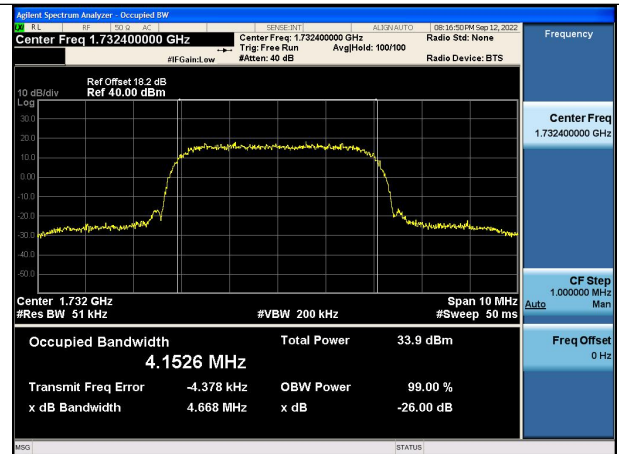


Channel 1513

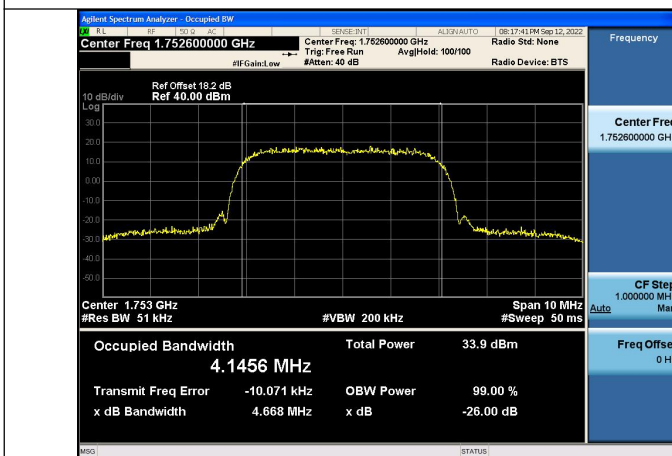
Test Mode: HSDPA



Channel 1312

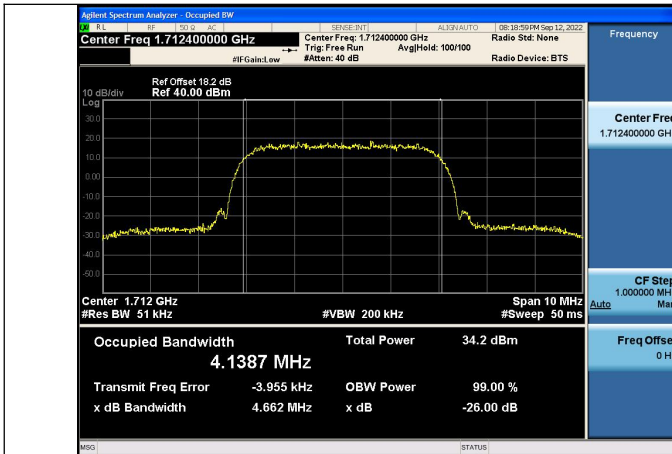


Channel 1412

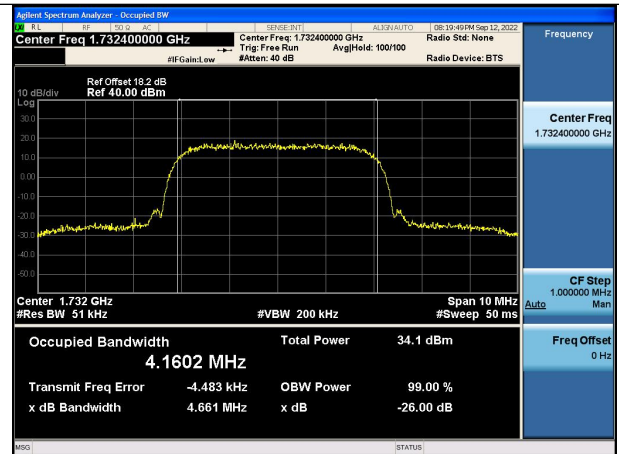


Channel 1513

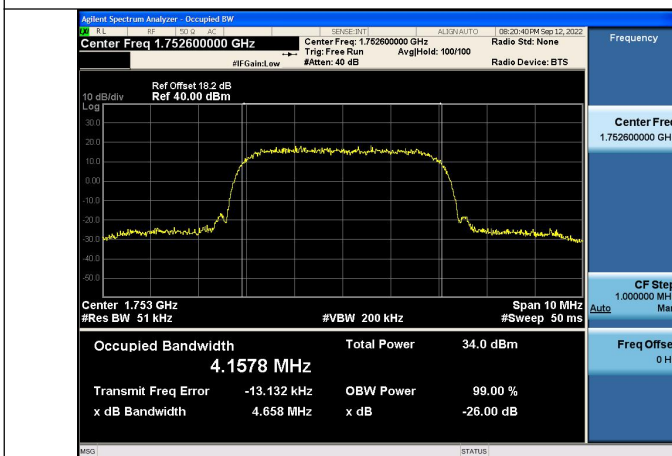
Test Mode: HSUPA



Channel 1312

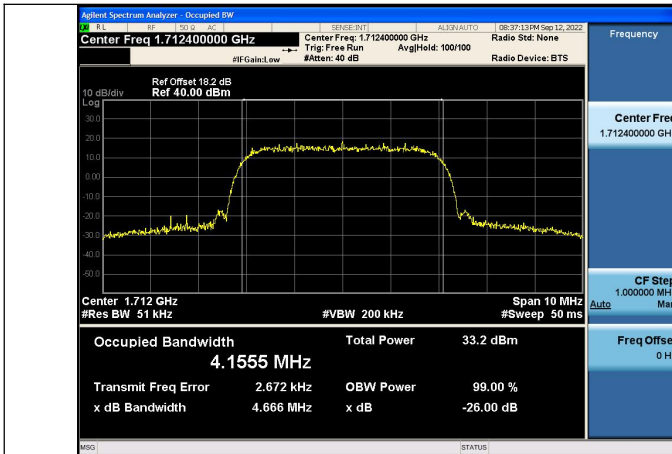


Channel 1412

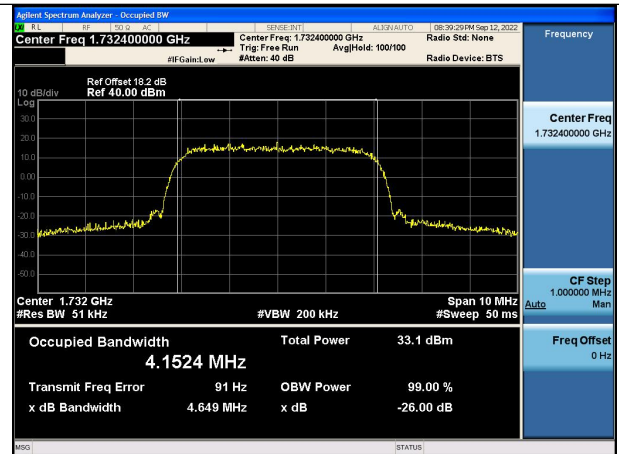


Channel 1513

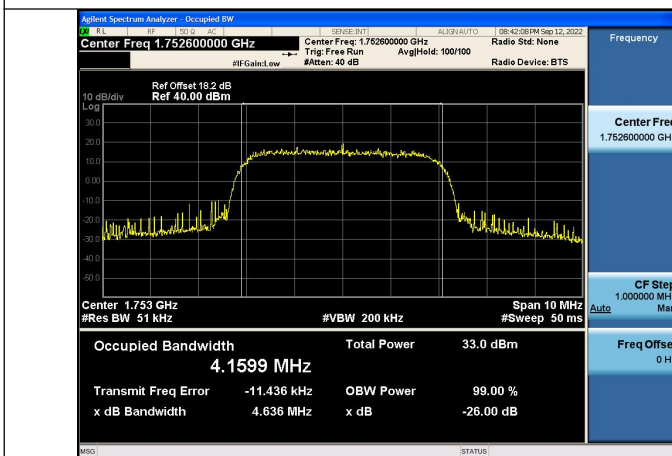
Test Mode: HSPA+



Channel 1312

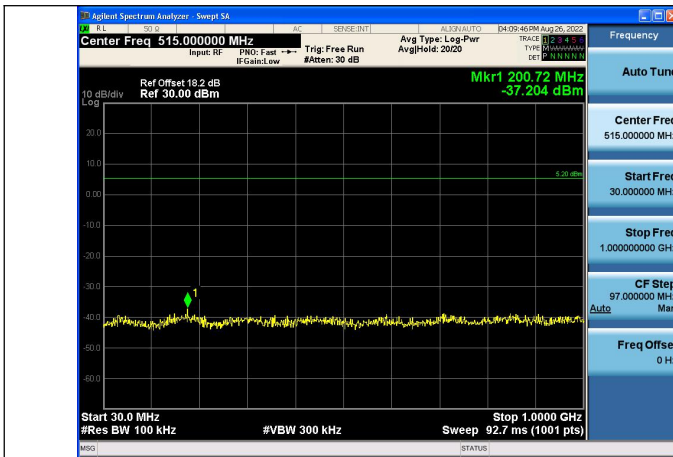


Channel 1412



Channel 1513

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

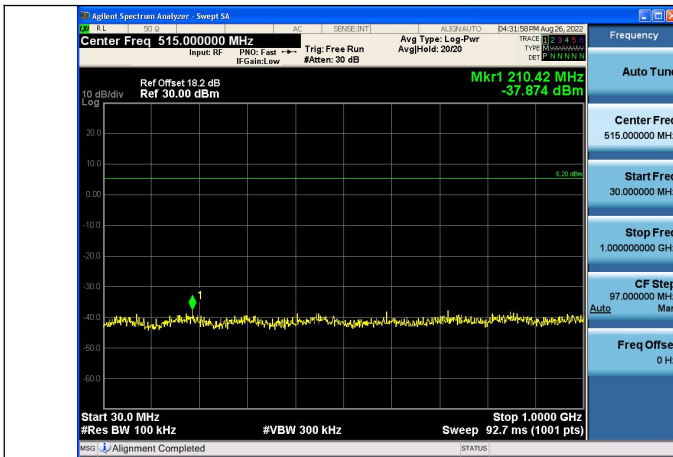


Channel 1312 30MHz~1GHz(dBm)



Channel 1312 1GHz~20GHz(dBm)

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

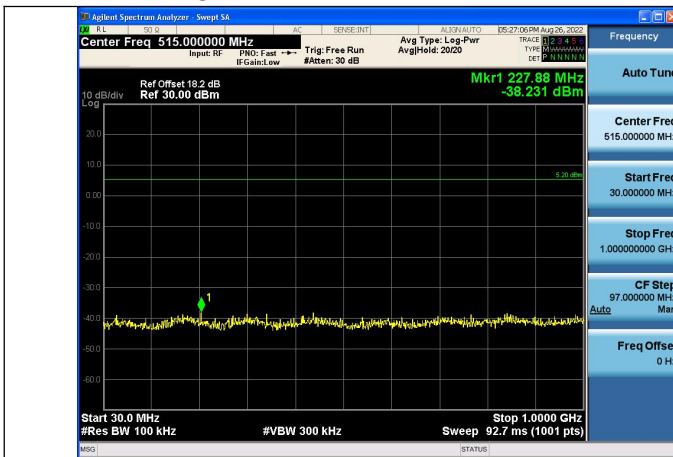


Channel 1312 30MHz~1GHz(dBm)



Channel 1312 1GHz~20GHz(dBm)

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



Channel 1312 30MHz~1GHz(dBm)



Channel 1312 1GHz~20GHz(dBm)

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

**5. Band Edges Compliance**  
WCDMA band IV  
Test Mode: Release 99

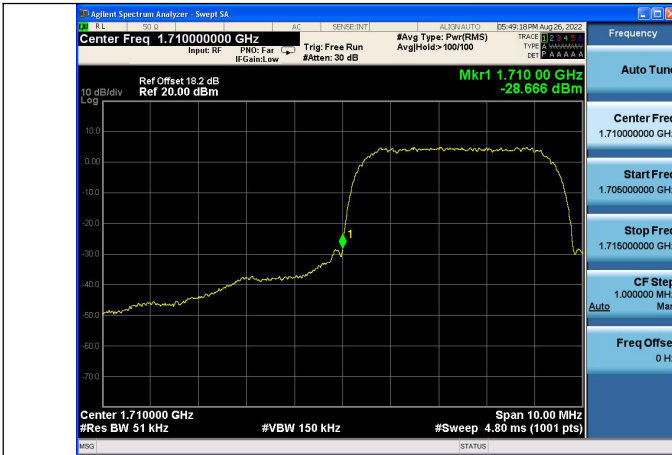


Channel 1312



Channel 1513

Test Mode: HSDPA

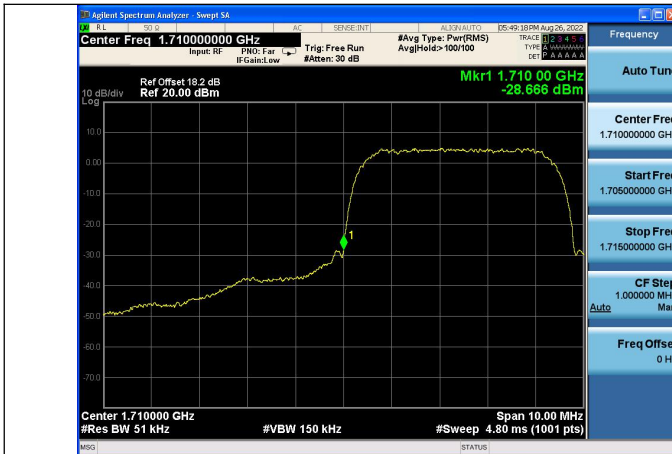


Channel 1312



Channel 1513

Test Mode: HSPA

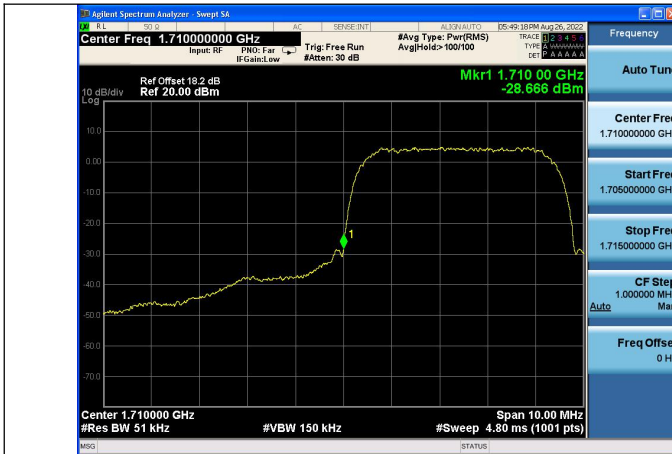


Channel 1312



Channel 1513

Test Mode: HSPA+



Channel 1312



Channel 1513

## 6. Frequency Stability

WCDMA band IV

Test Mode: Release 99

Name	Temperature(°C)	Test Result (ppm)@NV		
		Channel 1312	Channel 1412	Channel 1513
Release 99	-10	0.003	0.009	0.003
Release 99	-0	0.005	0.006	0.008
Release 99	+10	0.008	0.008	0.006
Release 99	+20	0.004	0.008	0.003
Release 99	+30	0.006	0.004	0.005
Release 99	+40	0.007	0.009	0.006
Release 99	+50	0.004	0.005	0.007
Release 99	+55	0.006	0.006	0.005
Name	Voltage	Test Result (ppm)@NT		
		Channel 1312	Channel 1412	Channel 1513
Release 99	LV	0.004	0.007	0.009
Release 99	HV	0.005	0.003	0.006



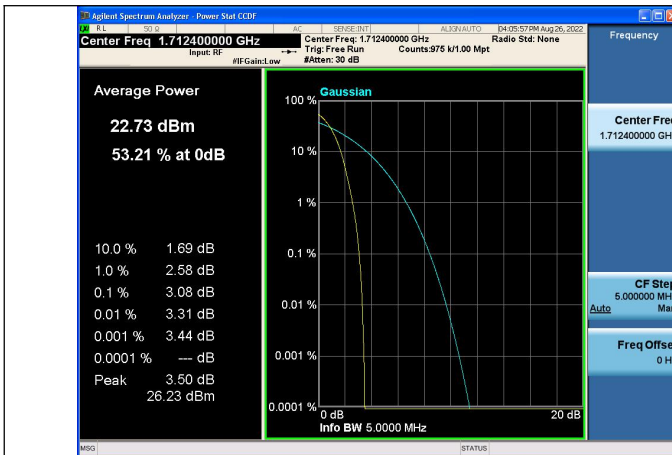
Test Mode: HSDPA

Name	Temperature(°C)	Test Result (ppm)@NV		
		Channel 1312	Channel 1412	Channel 1513
Subtest1	-10	0.009	0.006	0.005
Subtest1	-0	0.003	0.006	0.009
Subtest1	+10	0.009	0.008	0.009
Subtest1	+20	0.006	0.009	0.005
Subtest1	+30	0.005	0.007	0.004
Subtest1	+40	0.010	0.008	0.006
Subtest1	+50	0.010	0.004	0.009
Subtest1	+55	0.010	0.004	0.004
Name	Voltage	Test Result (ppm)@NT		
		Channel 1312	Channel 1412	Channel 1513
Subtest1	LV	0.005	0.007	0.008
Subtest1	HV	0.009	0.004	0.005

Test Mode: HSUPA

Name	Temperature(°C)	Test Result (ppm)@NV		
		Channel 1312	Channel 1412	Channel 1513
Subtest1	-10	0.009	0.006	0.005
Subtest1	-0	0.003	0.006	0.009
Subtest1	+10	0.009	0.008	0.009
Subtest1	+20	0.006	0.009	0.005
Subtest1	+30	0.005	0.007	0.004
Subtest1	+40	0.010	0.008	0.006
Subtest1	+50	0.010	0.004	0.009
Subtest1	+55	0.010	0.004	0.004
Name	Voltage	Test Result (ppm)@NT		
		Channel 1312	Channel 1412	Channel 1513
Subtest1	LV	0.005	0.007	0.008
Subtest1	HV	0.009	0.004	0.005

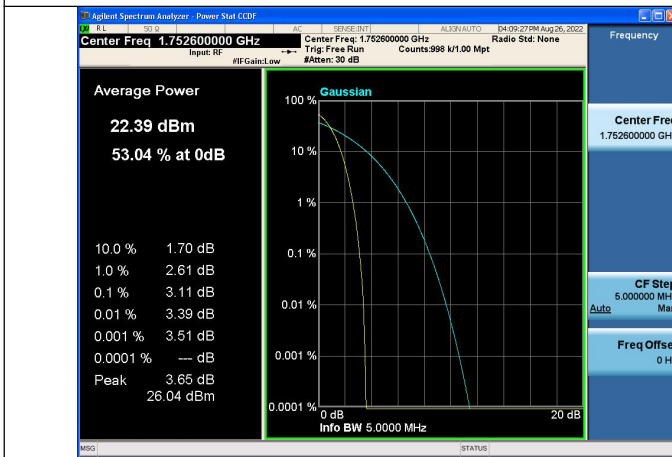
**7. Peak-Average Ratio**  
WCDMA band IV  
Test Mode: Release 99



Channel 1312

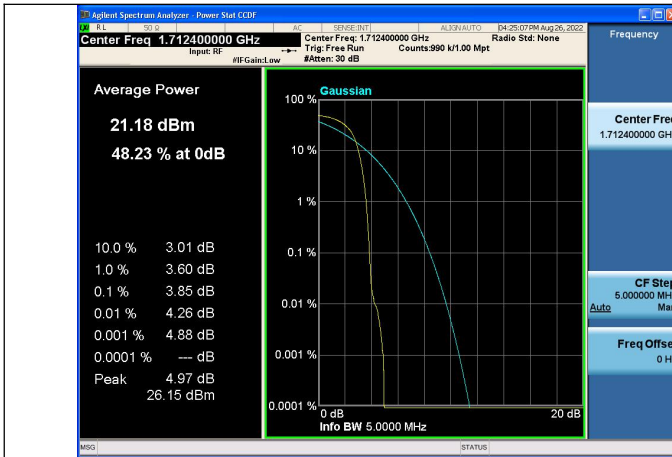


Channel 1412

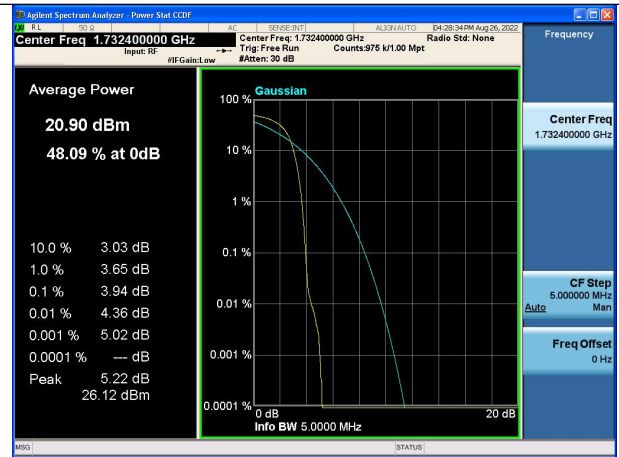


Channel 1513

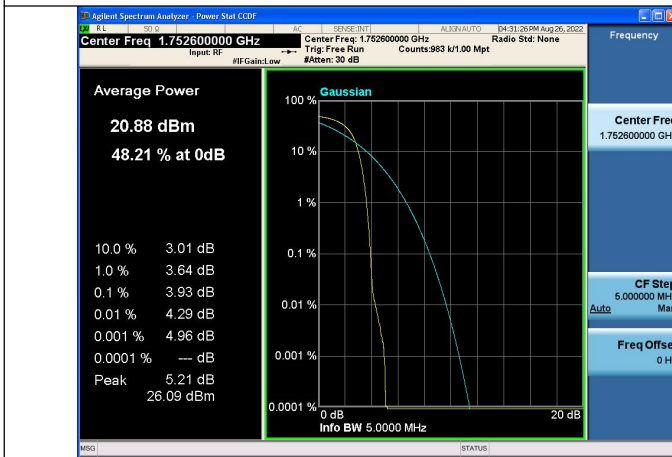
Test Mode: HSDPA



Channel 1312

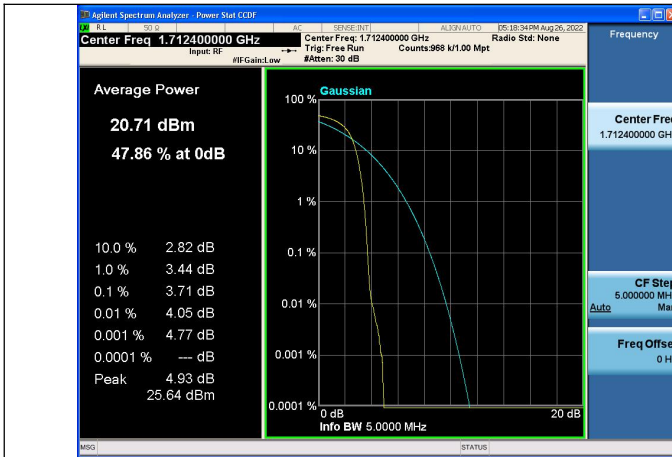


Channel 1412

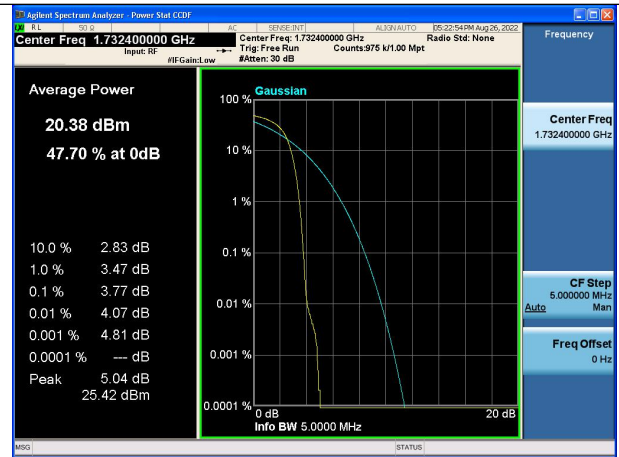


Channel 1513

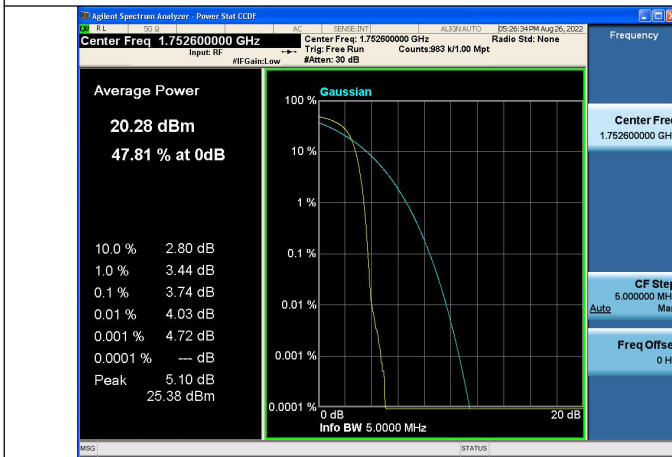
Test Mode: HSUPA



Channel 1312



Channel 1412



Channel 1513

### 8. Effective Radiated Power and Effective Isotropic Radiated Power

WCDMA band IV

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Release 99	RMC,12.2kbps	1712.4	1312	22.82	23.15	0.207
Release 99	RMC,12.2kbps	1732.6	1412	22.34	22.67	0.185
Release 99	RMC,12.2kbps	1752.6	1513	22.02	22.35	0.172

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSDPA	Subtest1	1712.4	1312	21.84	22.17	0.165
HSDPA	Subtest1	1732.6	1412	21.34	21.67	0.147
HSDPA	Subtest1	1752.6	1513	21.32	21.65	0.146
HSDPA	Subtest2	1712.4	1312	21.40	21.73	0.149
HSDPA	Subtest2	1732.6	1412	20.93	21.26	0.134
HSDPA	Subtest2	1752.6	1513	20.91	21.24	0.133
HSDPA	Subtest3	1712.4	1312	21.39	21.72	0.149
HSDPA	Subtest3	1732.6	1412	20.90	21.23	0.133
HSDPA	Subtest3	1752.6	1513	20.87	21.20	0.132
HSDPA	Subtest4	1712.4	1312	21.35	21.68	0.147
HSDPA	Subtest4	1732.6	1412	20.86	21.19	0.132
HSDPA	Subtest4	1752.6	1513	20.84	21.17	0.131

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSUPA	Subtest1	1712.4	1312	21.33	21.66	0.147
HSUPA	Subtest1	1732.6	1412	20.86	21.19	0.132
HSUPA	Subtest1	1752.6	1513	20.85	21.18	0.131
HSUPA	Subtest2	1712.4	1312	21.85	22.18	0.165
HSUPA	Subtest2	1732.6	1412	21.37	21.70	0.148
HSUPA	Subtest2	1752.6	1513	21.36	21.69	0.148
HSUPA	Subtest3	1712.4	1312	20.86	21.19	0.132
HSUPA	Subtest3	1732.6	1412	20.39	20.72	0.118
HSUPA	Subtest3	1752.6	1513	20.36	20.69	0.117
HSUPA	Subtest4	1712.4	1312	21.84	22.17	0.165
HSUPA	Subtest4	1732.6	1412	21.35	21.68	0.147
HSUPA	Subtest4	1752.6	1513	21.32	21.65	0.146
HSUPA	Subtest5	1712.4	1312	20.83	21.16	0.131
HSUPA	Subtest5	1732.6	1412	20.37	20.70	0.117
HSUPA	Subtest5	1752.6	1513	20.34	20.67	0.117

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSPA+	QPSK	1712.4	1312	21.36	21.69	0.148
HSPA+	QPSK	1732.6	1412	20.85	21.18	0.131
HSPA+	QPSK	1752.6	1513	19.69	20.02	0.100
HSPA+	16QAM	1712.4	1312	21.35	21.68	0.147
HSPA+	16QAM	1732.6	1412	20.86	21.19	0.132
HSPA+	16QAM	1752.6	1513	19.33	19.66	0.092

## **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
3757.968750	-60.54	-13.00	Vertical
4789.687500	-58.74	-13.00	Vertical
7168.125000	-56.32	-13.00	Vertical
8894.062500	-56.37	-13.00	Vertical
10409.062500	-55.71	-13.00	Vertical
13465.312500	-51.63	-13.00	Vertical

WCDMA band IV

Test result:

WCDMA Mode:

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4291.406250	-60.39	-13.00	Vertical
5129.062500	-59.55	-13.00	Vertical
5921.250000	-57.37	-13.00	Vertical
6937.031250	-58.27	-13.00	Vertical
8316.562500	-57.88	-13.00	Vertical
10386.093750	-55.68	-13.00	Vertical

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