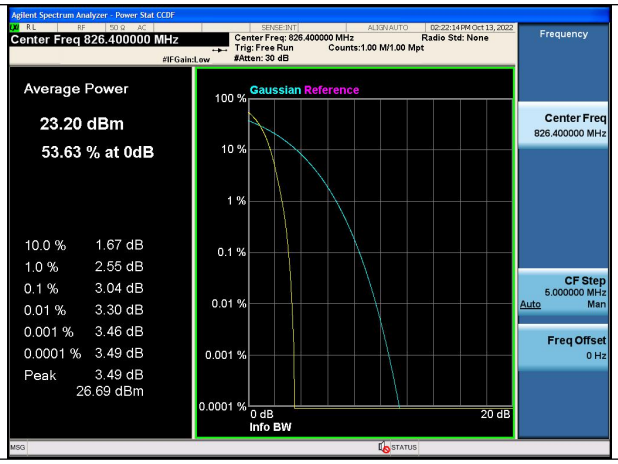
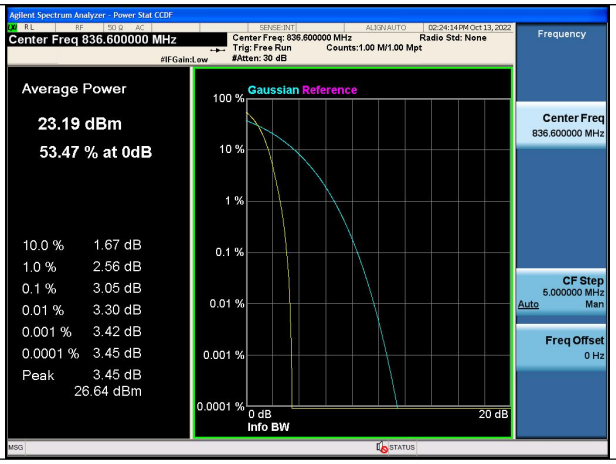
7. Peak-Average Ratio

WCDMA band V

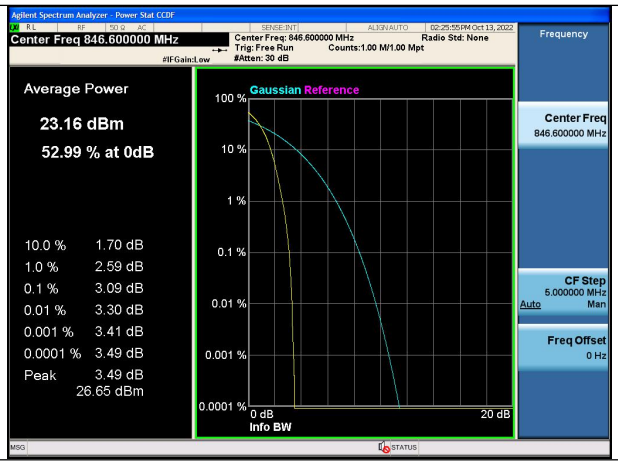
Test Mode: Release 99



Channel 4132

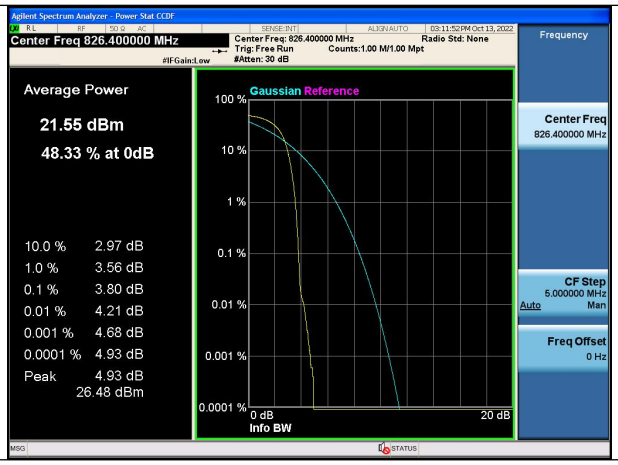


Channel 4183

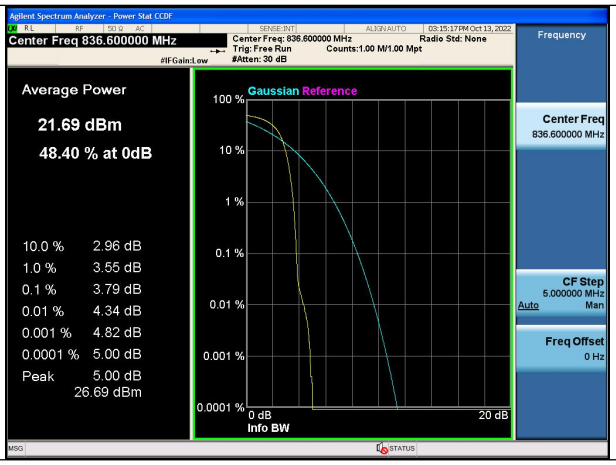


Channel 4233

Test Mode: HSDPA



Channel 4132

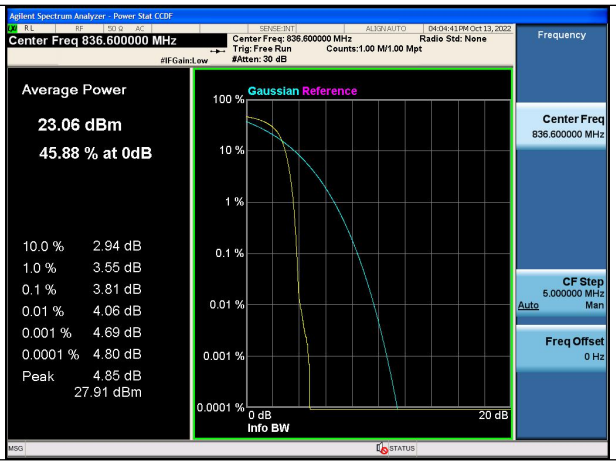


Channel 4183

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,12.2kbps	826.4	4132	23.16	19.28	0.085
Release 99	RMC,12.2kbps	836.6	4183	23.18	19.30	0.085
Release 99	RMC,12.2kbps	846.6	4233	23.12	19.24	0.084

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSDPA	Subtest1	826.4	4132	22.40	18.52	0.071
HSDPA	Subtest1	836.6	4183	22.62	18.74	0.075
HSDPA	Subtest1	846.6	4233	22.44	18.56	0.072
HSDPA	Subtest2	826.4	4132	22.15	18.27	0.067
HSDPA	Subtest2	836.6	4183	22.24	18.36	0.069
HSDPA	Subtest2	846.6	4233	22.14	18.26	0.067
HSDPA	Subtest3	826.4	4132	21.73	17.85	0.061
HSDPA	Subtest3	836.6	4183	21.73	17.85	0.061
HSDPA	Subtest3	846.6	4233	21.81	17.93	0.062
HSDPA	Subtest4	826.4	4132	21.61	17.73	0.059
HSDPA	Subtest4	836.6	4183	21.68	17.80	0.060
HSDPA	Subtest4	846.6	4233	21.62	17.74	0.059

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSUPA	Subtest1	826.4	4132	22.59	18.71	0.074
HSUPA	Subtest1	836.6	4183	22.60	18.72	0.074
HSUPA	Subtest1	846.6	4233	22.81	18.93	0.078
HSUPA	Subtest2	826.4	4132	23.03	19.15	0.082
HSUPA	Subtest2	836.6	4183	22.96	19.08	0.081
HSUPA	Subtest2	846.6	4233	22.94	19.06	0.081
HSUPA	Subtest3	826.4	4132	22.35	18.47	0.070
HSUPA	Subtest3	836.6	4183	22.08	18.20	0.066
HSUPA	Subtest3	846.6	4233	22.40	18.52	0.071
HSUPA	Subtest4	826.4	4132	23.08	19.20	0.083
HSUPA	Subtest4	836.6	4183	23.22	19.34	0.086
HSUPA	Subtest4	846.6	4233	23.04	19.16	0.082
HSUPA	Subtest5	826.4	4132	22.75	18.87	0.077
HSUPA	Subtest5	836.6	4183	22.85	18.97	0.079
HSUPA	Subtest5	846.6	4233	21.87	17.99	0.063

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSPA+	QPSK	826.4	4132	22.45	18.57	0.072
HSPA+	QPSK	836.6	4183	22.84	18.96	0.079
HSPA+	QPSK	846.6	4233	22.55	18.67	0.074
HSPA+	16QAM	826.4	4132	22.65	18.77	0.075
HSPA+	16QAM	836.6	4183	22.71	18.83	0.076
HSPA+	16QAM	846.6	4233	22.47	18.59	0.072

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DC-HSDPA	Subtest1	826.4	4132	22.25	18.37	0.069
DC-HSDPA	Subtest1	836.6	4183	21.68	17.80	0.060
DC-HSDPA	Subtest1	846.6	4233	21.70	17.82	0.061
DC-HSDPA	Subtest2	826.4	4132	22.16	18.28	0.067
DC-HSDPA	Subtest2	836.6	4183	22.32	18.44	0.070
DC-HSDPA	Subtest2	846.6	4233	22.17	18.29	0.067
DC-HSDPA	Subtest3	826.4	4132	21.76	17.88	0.061
DC-HSDPA	Subtest3	836.6	4183	21.83	17.95	0.062
DC-HSDPA	Subtest3	846.6	4233	21.77	17.89	0.062
DC-HSDPA	Subtest4	826.4	4132	21.65	17.77	0.060
DC-HSDPA	Subtest4	836.6	4183	21.72	17.84	0.061
DC-HSDPA	Subtest4	846.6	4233	21.66	17.78	0.060

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 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.50	-49.44	-13	Vertical
2778.64	-47.05	-13	Vertical
3724.66	-40.65	-13	Vertical
6677.15	-39.50	-13	Vertical
9962.68	-37.56	-13	Vertical
17822.15	-34.10	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.71	-49.48	-13	Vertical
2779.08	-47.06	-13	Vertical
3726.14	-41.33	-13	Vertical
6676.96	-39.84	-13	Vertical
9962.20	-37.71	-13	Vertical
17820.40	-33.71	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.04	-49.44	-13	Vertical
2780.64	-47.08	-13	Vertical
3726.96	-41.19	-13	Vertical
6675.49	-39.95	-13	Vertical
9959.40	-37.14	-13	Vertical
17818.43	-34.08	-13	Vertical

HSDPA/HSUPA Mode:
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.13	-48.79	-13	Vertical
2779.46	-47.25	-13	Vertical
3726.34	-40.55	-13	Vertical
6678.35	-40.04	-13	Vertical
9959.98	-36.91	-13	Vertical
17819.72	-33.93	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.53	-48.70	-13	Vertical
2781.44	-47.87	-13	Vertical
3728.35	-40.88	-13	Vertical
6675.68	-39.20	-13	Vertical
9963.30	-37.20	-13	Vertical
17818.91	-33.49	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.62	-49.25	-13	Vertical
2780.67	-47.56	-13	Vertical
3727.35	-40.36	-13	Vertical
6675.80	-39.61	-13	Vertical
9960.86	-37.38	-13	Vertical
17819.54	-33.83	-13	Vertical

WCDMA band IV
Test result:

WCDMA Mode:
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.86	-48.82	-13	Vertical
2779.06	-47.87	-13	Vertical
3726.83	-40.35	-13	Vertical
6677.39	-39.80	-13	Vertical
9962.66	-37.40	-13	Vertical
17820.58	-33.89	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.00	-49.45	-13	Vertical
2780.10	-47.18	-13	Vertical
3726.70	-40.57	-13	Vertical
6677.13	-39.27	-13	Vertical
9963.26	-37.11	-13	Vertical
17819.54	-34.00	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.46	-49.31	-13	Vertical
2780.55	-47.47	-13	Vertical
3724.81	-40.39	-13	Vertical
6677.31	-39.33	-13	Vertical
9961.50	-37.66	-13	Vertical
17820.17	-33.55	-13	Vertical

HSDPA/HSUPA Mode:
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.83	-49.16	-13	Vertical
2779.47	-47.21	-13	Vertical
3728.18	-40.62	-13	Vertical
6678.30	-39.75	-13	Vertical
9962.93	-37.62	-13	Vertical
17819.57	-33.59	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.31	-49.12	-13	Vertical
2780.01	-47.70	-13	Vertical
3726.56	-40.74	-13	Vertical
6678.72	-39.77	-13	Vertical
9960.27	-37.51	-13	Vertical
17821.08	-33.82	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.88	-48.53	-13	Vertical
2779.68	-47.15	-13	Vertical
3724.63	-40.53	-13	Vertical
6675.74	-39.62	-13	Vertical
9960.76	-36.81	-13	Vertical
17820.72	-34.04	-13	Vertical

WCDMA band V
Test result:

WCDMA Mode:
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.35	-53.16	-13	Vertical
1665.12	-51.39	-13	Vertical
2534.93	-44.00	-13	Vertical
2577.68	-44.63	-13	Vertical
8962.26	-40.02	-13	Vertical
9972.29	-36.28	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.01	-53.34	-13	Vertical
1667.05	-50.93	-13	Vertical
2535.31	-44.46	-13	Vertical
2576.89	-43.92	-13	Vertical
8961.25	-39.28	-13	Vertical
9971.44	-35.88	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.16	-52.71	-13	Vertical
1666.16	-51.03	-13	Vertical
2532.49	-44.51	-13	Vertical
2577.81	-43.94	-13	Vertical
8962.55	-39.45	-13	Vertical
9972.27	-36.40	-13	Vertical

HSDPA/HSUPA Mode:
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.84	-52.64	-13	Vertical
1666.34	-51.67	-13	Vertical
2533.94	-44.68	-13	Vertical
2578.67	-43.73	-13	Vertical
8960.98	-39.04	-13	Vertical
9969.93	-36.30	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.20	-53.04	-13	Vertical
1665.17	-50.93	-13	Vertical
2532.93	-44.24	-13	Vertical
2575.30	-44.32	-13	Vertical
8962.84	-39.16	-13	Vertical
9969.83	-36.38	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.36	-53.30	-13	Vertical
1666.10	-51.13	-13	Vertical
2533.07	-44.58	-13	Vertical
2578.63	-44.32	-13	Vertical
8963.13	-39.53	-13	Vertical
9972.11	-36.19	-13	Vertical

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