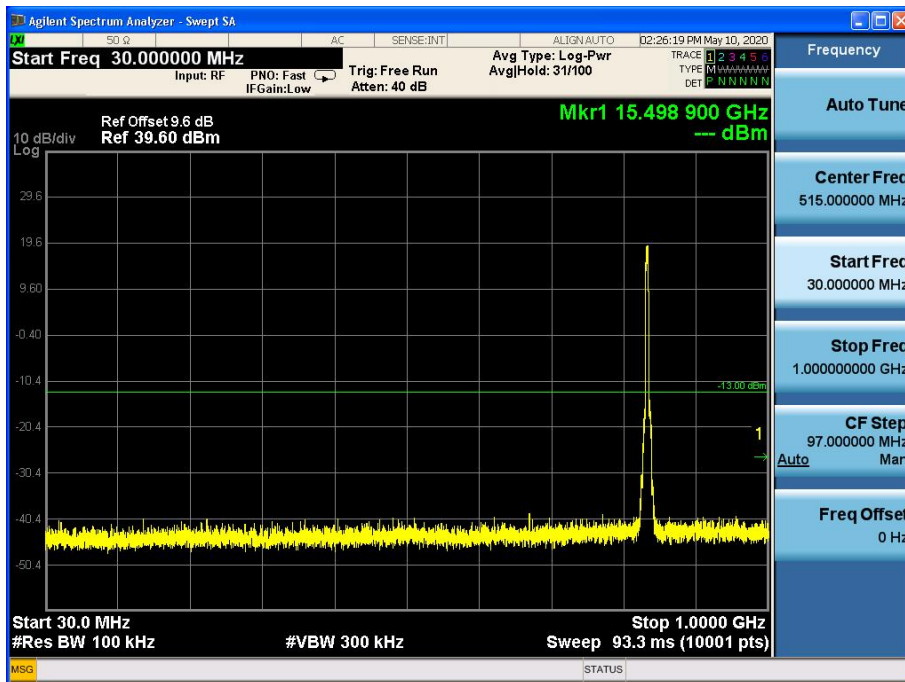
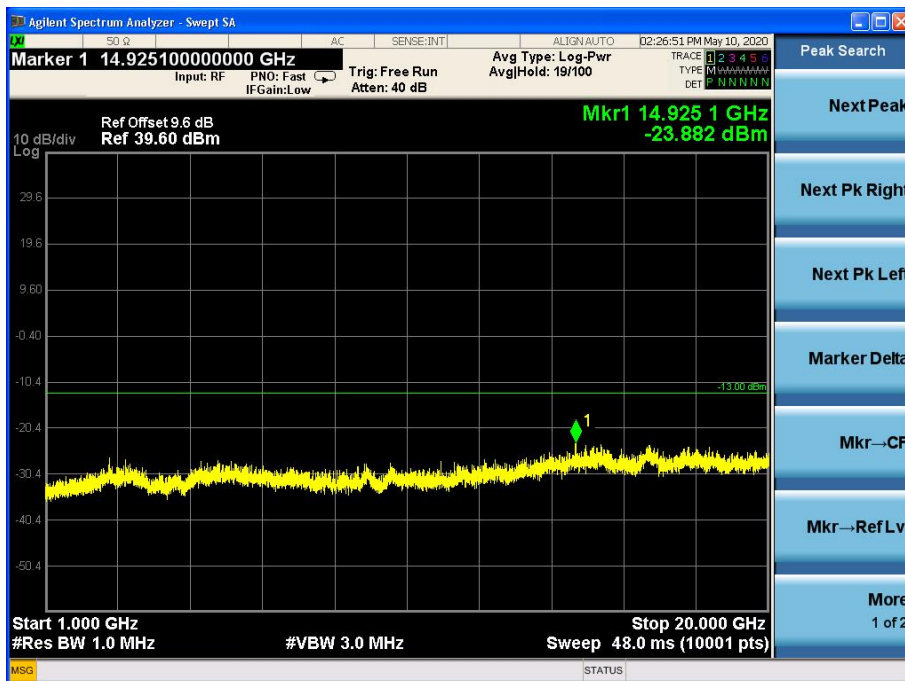


HSUPA Mode:



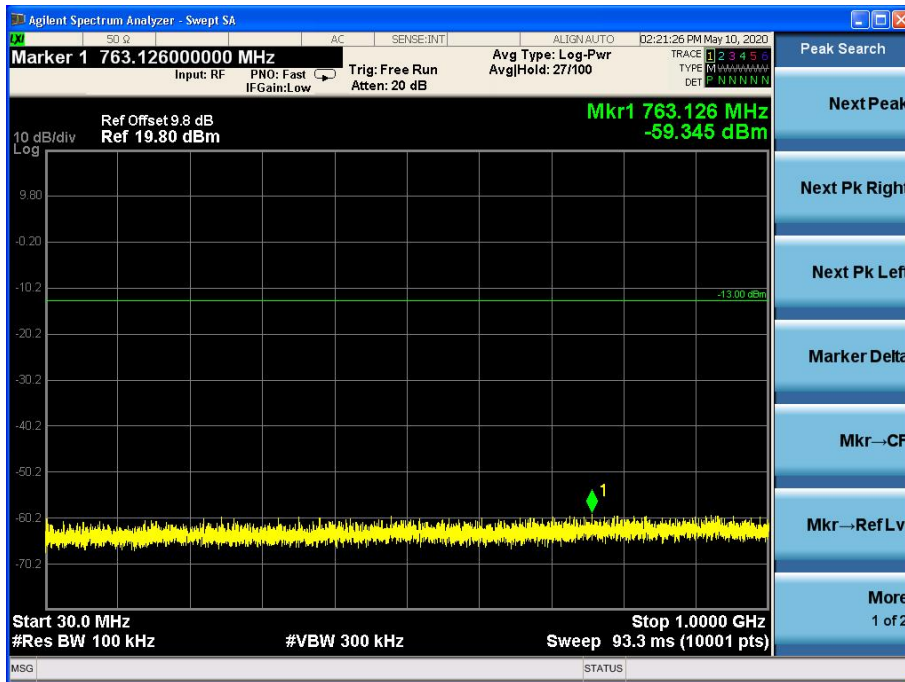
Channel 4183, 30MHz~1GHz

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



Channel 4183, 1GHz~10GHz

WCDMA band IV  
REL99 Mode:



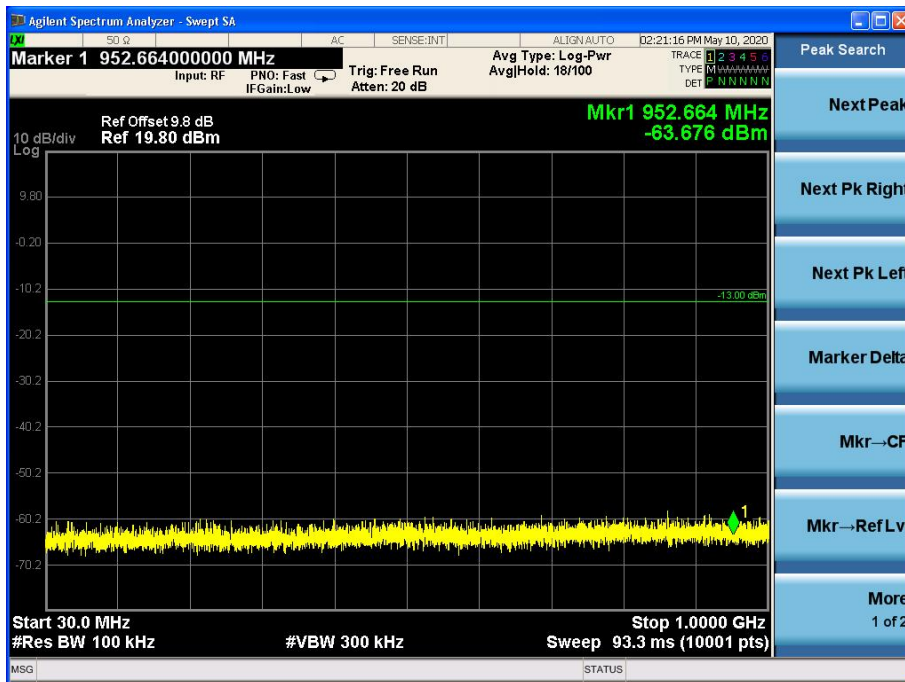
Channel 1412, 30MHz~1GHz



Channel 1412, 1GHz~20GHz

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

HSUPA Mode:



Channel 1412, 30MHz~1GHz



Channel 1412, 1GHz~20GHz

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

## Band Edges Compliance

WCDMA band II

REL99 Mode:



Channel 9262



Channel 9538

HSUPA Mode:



Channel 9262



Channel 9538

WCDMA band V

REL99 Mode:



Channel 4132



Channel 4233

HSUPA Mode:



Channel 9262



Channel 9538

WCDMA band IV

REL99 Mode:



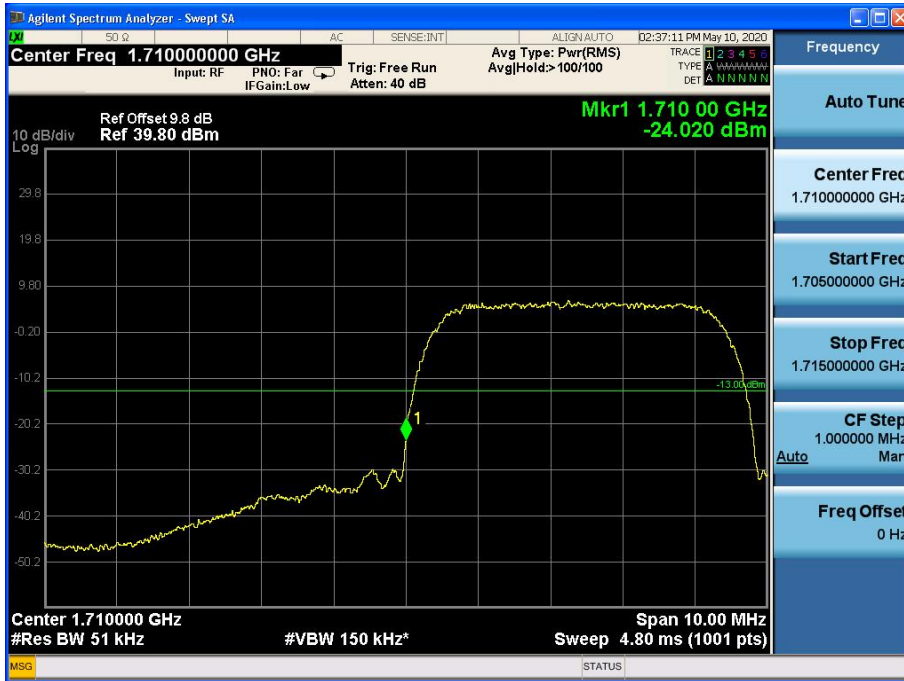
Channel 1312



Channel 1513



HSUPA Mode:



Channel 1312



Channel 1513

## Frequency Stability

WCDMA band II

REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 9262	Channel 9400	Channel 9538
-10	0.042	0.017	-0.030
0	0.013	-0.014	0.024
+10	0.001	0.031	-0.007
+20	0.000	0.000	0.000
+30	0.021	0.008	-0.014
+40	-0.001	0.009	-0.021
+50	0.016	-0.004	0.016
+55	-0.037	-0.006	-0.036
Voltage	Test Result (ppm)@NT		
	Channel 9262	Channel 9400	Channel 9538
LV	-0.018	0.023	0.020
HV	0.010	0.012	0.009

HSUPA Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 9262	Channel 9400	Channel 9538
-10	-0.003	-0.016	-0.013
0	-0.041	0.015	0.024
+10	-0.020	0.028	0.001
+20	0.000	0.000	0.000
+30	0.006	-0.032	0.012
+40	0.023	0.029	0.015
+50	0.027	0.019	0.028
+55	-0.029	-0.021	0.015
Voltage	Test Result (ppm)NT		
	Channel 9262	Channel 9400	Channel 9538
LV	-0.011	0.014	-0.013
HV	0.024	-0.011	-0.022

WCDMA band V  
REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-10	-0.026	-0.010	0.026
0	0.022	-0.011	-0.019
+10	0.010	0.033	0.022
+20	0.000	0.000	0.000
+30	0.026	0.017	0.006
+40	-0.027	-0.020	0.033
+50	0.012	0.024	-0.023
+55	-0.020	0.015	0.013
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	0.026	-0.022	-0.019
HV	-0.013	-0.031	-0.013

HSUPA Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-10	0.033	0.024	-0.022
0	0.013	0.023	0.018
+10	-0.026	0.029	0.026
+20	0.000	0.000	0.000
+30	-0.016	0.029	-0.023
+40	0.020	0.024	-0.007
+50	0.016	-0.029	0.017
+55	0.025	-0.005	0.023
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	-0.010	-0.021	-0.025
HV	0.027	0.016	0.017

WCDMA band IV  
REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1412	Channel 1513
-10	0.004	-0.011	-0.021
0	0.003	0.017	0.019
+10	-0.028	0.022	-0.028
+20	0.000	0.000	0.000
+30	0.015	0.011	-0.024
+40	-0.014	0.035	-0.029
+50	0.014	-0.013	0.024
+55	-0.032	-0.031	-0.038
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1412	Channel 1513
LV	-0.004	0.014	0.005
HV	0.012	-0.019	0.027

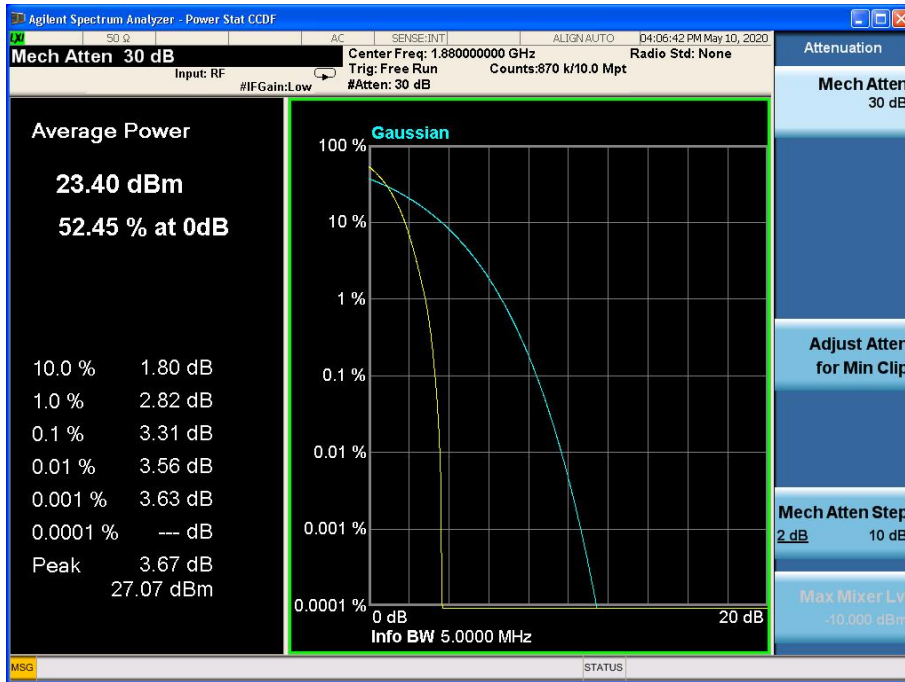
HSUPA Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1412	Channel 1513
-10	-0.028	0.010	-0.022
0	0.018	0.026	0.010
+10	-0.008	0.023	-0.026
+20	0.000	0.000	0.000
+30	0.012	-0.010	0.013
+40	0.022	0.032	0.025
+50	-0.031	0.025	0.014
+55	0.027	-0.031	0.020
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1412	Channel 1513
LV	0.016	0.013	-0.012
HV	-0.028	0.017	0.017

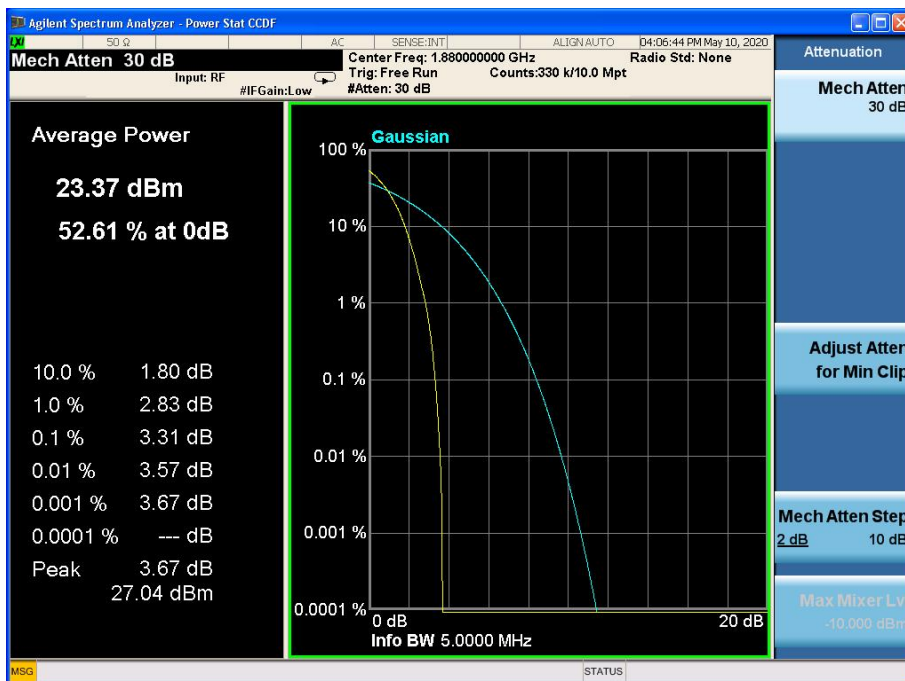
## Peak-Average Ratio

WCDMA band II

REL99 Mode:

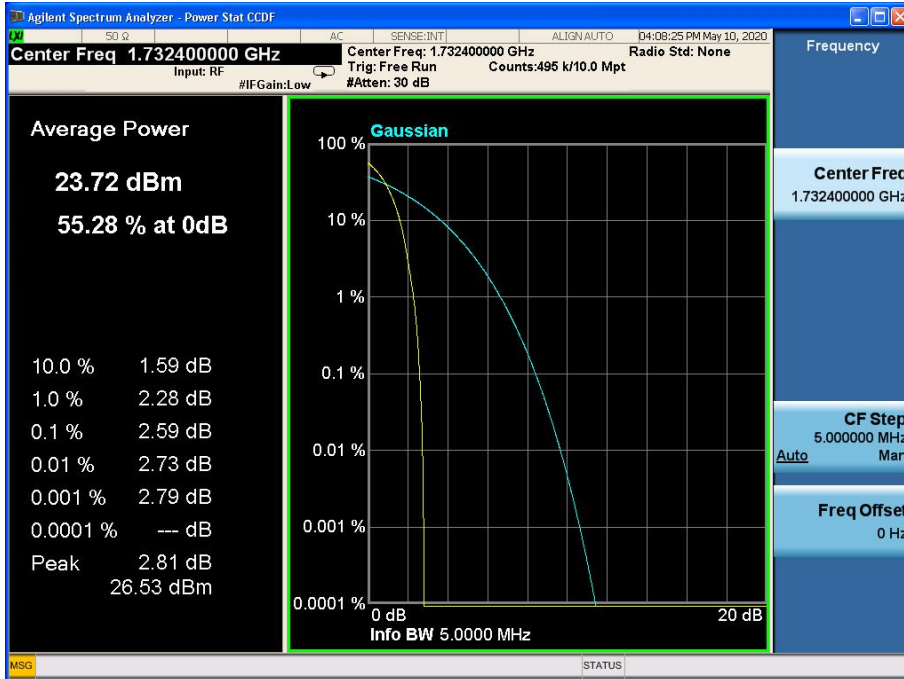


HSUPA Mode:

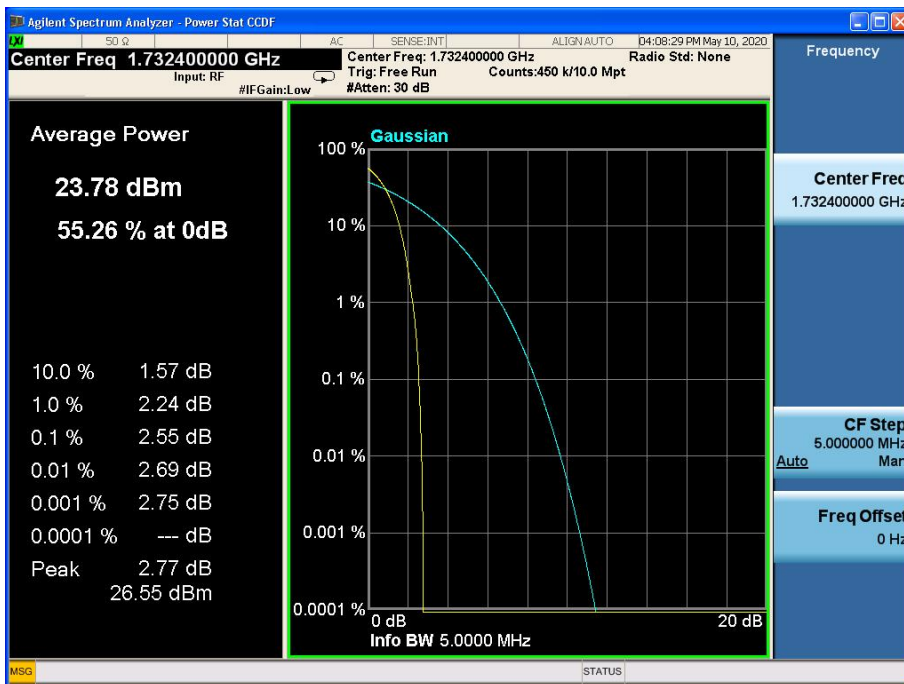


WCDMA band IV

REL99 Mode:

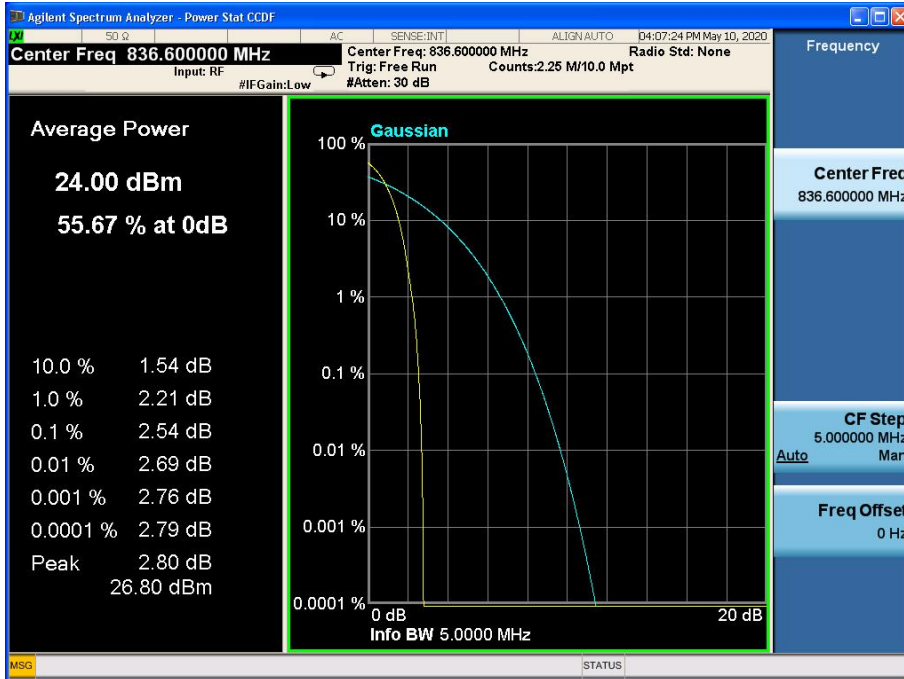


HSUPA Mode:

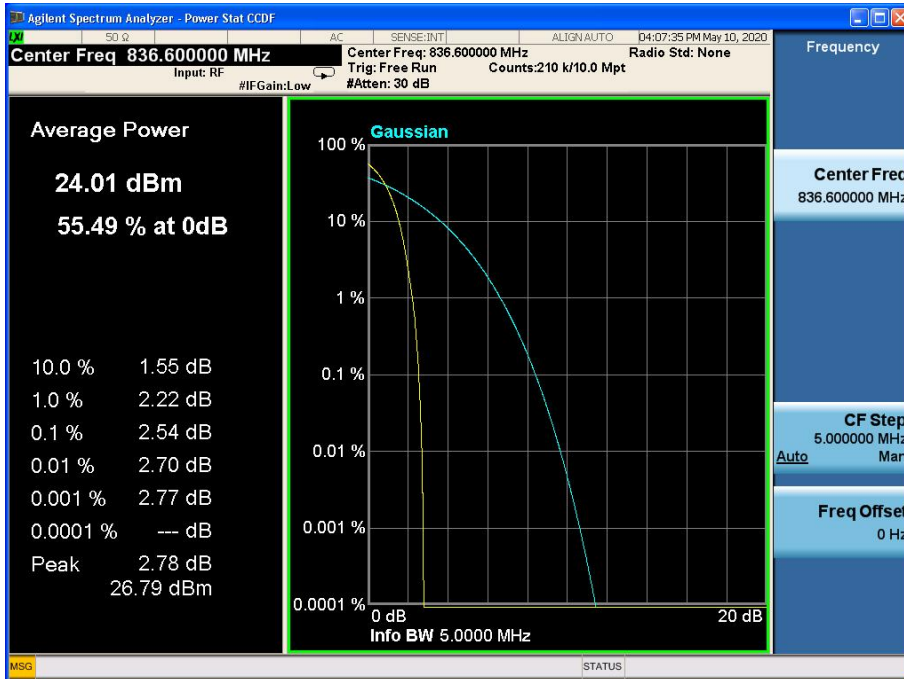


WCDMA band V

REL99 Mode:



HSUPA Mode:



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

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 IV

Test result:

WCDMA Mode:

Channel 1413

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1190.00	-80.73	-13	Vertical
1478.00	-77.14	-13	Vertical
2354.00	-79.03	-13	Vertical
10981.50	-49.59	-13	Vertical
11454.00	-48.85	-13	Vertical
12743.25	-48.55	-13	Vertical



### The original report test date:

The measurement results are obtained as described below:

Peak EIRP = Pmea + Pca Cable loss+ Ga Antenna Gain

Sample calculation: (24.48 dBm) = (19.68 dBm) + (-3.8 dB) + (8.6 dB), the corresponding frequency is 1852.4MHz.

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dBi)	Pmea (dBm)	Polarization
1852.4	24.48	-3.8	8.6	19.68	Vertical

WCDMA band II

Test result:

WCMDA Mode:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dBi)	Pmea (dBm)	Polarization
1852.4	22.37	-3.8	8.6	17.57	Vertical
1880.0	22.86	-3.8	8.6	18.06	Vertical
1907.6	22.36	-3.8	8.6	17.56	Vertical

HSDPA/HSUPA Mode:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dBi)	Pmea (dBm)	Polarization
1852.4	21.97	-3.8	8.6	17.17	Vertical
1880.0	22.23	-3.8	8.6	17.43	Vertical
1907.6	21.20	-3.8	8.6	16.40	Vertical

Test result:

WCDMA Mode:

Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.81	-49.40	-13	Vertical
2781.52	-47.13	-13	Vertical
3727.34	-40.54	-13	Vertical
6676.40	-39.43	-13	Vertical
9959.50	-36.88	-13	Vertical
17820.07	-33.67	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.34	-49.09	-13	Vertical
2781.83	-47.53	-13	Vertical
3725.81	-41.32	-13	Vertical
6677.48	-39.47	-13	Vertical
9959.41	-37.36	-13	Vertical
17820.52	-33.57	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.48	-49.10	-13	Vertical
2778.63	-47.66	-13	Vertical
3724.53	-41.23	-13	Vertical
6678.14	-40.02	-13	Vertical
9960.52	-37.71	-13	Vertical
17819.55	-33.50	-13	Vertical

HSDPA/HSUPA Mode:

Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.67	-48.98	-13	Vertical
2781.91	-47.33	-13	Vertical
3727.43	-40.41	-13	Vertical
6678.47	-39.87	-13	Vertical
9962.73	-37.18	-13	Vertical
17818.49	-33.83	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.33	-49.10	-13	Vertical
2781.09	-47.59	-13	Vertical
3727.14	-40.75	-13	Vertical
6677.94	-39.70	-13	Vertical
9959.55	-37.68	-13	Vertical
17818.97	-34.33	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.62	-48.62	-13	Vertical
2778.98	-47.20	-13	Vertical
3728.20	-40.51	-13	Vertical
6677.73	-39.37	-13	Vertical
9961.93	-36.83	-13	Vertical
17820.61	-33.90	-13	Vertical

WCDMA band IV

Test result:

WCDMA Mode:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dBi)	Pmea (dBm)	Polarization
1712.4	23.10	-3.8	8.6	18.30	Vertical
1732.4	23.00	-3.8	8.6	18.20	Vertical
1752.6	23.05	-3.8	8.6	18.25	Vertical

HSDPA/HSUPA Mode:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dBi)	Pmea (dBm)	Polarization
1712.4	21.99	-3.8	8.6	17.19	Vertical
1732.4	22.36	-3.8	8.6	17.56	Vertical
1752.6	21.53	-3.8	8.6	16.73	Vertical

Test result:

WCDMA Mode:

Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.11	-48.52	-13	Vertical
2781.56	-47.30	-13	Vertical
3726.23	-40.40	-13	Vertical
6675.95	-39.47	-13	Vertical
9962.06	-36.90	-13	Vertical
17821.17	-34.17	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.15	-49.28	-13	Vertical
2781.41	-46.90	-13	Vertical
3724.68	-40.40	-13	Vertical
6676.36	-39.71	-13	Vertical
9959.56	-36.83	-13	Vertical
17822.00	-33.99	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.32	-48.83	-13	Vertical
2781.13	-47.04	-13	Vertical
3727.25	-40.93	-13	Vertical
6678.76	-39.31	-13	Vertical
9962.13	-36.81	-13	Vertical
17818.65	-34.25	-13	Vertical

HSDPA/HSUPA Mode:

Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.44	-48.65	-13	Vertical
2781.29	-47.04	-13	Vertical
3726.72	-41.24	-13	Vertical
6678.57	-39.88	-13	Vertical
9961.83	-36.93	-13	Vertical
17821.55	-34.02	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.14	-48.71	-13	Vertical
2779.31	-47.29	-13	Vertical
3728.18	-40.91	-13	Vertical
6676.15	-40.01	-13	Vertical
9962.34	-36.79	-13	Vertical
17821.90	-33.98	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.79	-48.51	-13	Vertical
2782.02	-47.77	-13	Vertical
3728.23	-40.37	-13	Vertical
6675.90	-39.43	-13	Vertical
9960.69	-37.13	-13	Vertical
17818.91	-34.21	-13	Vertical

WCDMA band V

Test result:

WCDMA Mode:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dBi)	Correction (dB)	Pmea (dBm)	Polarization
826.4	17.34	-3.4	8.3	2.15	14.59	Vertical
836.6	16.97	-3.4	8.3	2.15	14.22	Vertical
846.6	16.54	-3.4	8.3	2.15	13.79	Vertical

HSDPA/HSUPA Mode:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dBi)	Correction (dB)	Pmea (dBm)	Polarization
826.4	16.39	-3.4	8.3	2.15	13.64	Vertical
836.6	16.33	-3.4	8.3	2.15	13.58	Vertical
846.6	16.28	-3.4	8.3	2.15	13.53	Vertical

Test result:  
WCDMA Mode:  
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.63	-53.23	-13	Vertical
1668.72	-51.55	-13	Vertical
2533.13	-44.01	-13	Vertical
2575.62	-44.64	-13	Vertical
8963.61	-39.17	-13	Vertical
9972.91	-36.58	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.28	-52.50	-13	Vertical
1664.91	-50.92	-13	Vertical
2535.44	-43.83	-13	Vertical
2575.65	-43.78	-13	Vertical
8963.56	-40.00	-13	Vertical
9971.59	-36.58	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.49	-52.73	-13	Vertical
1666.13	-51.20	-13	Vertical
2533.06	-44.25	-13	Vertical
2576.41	-44.30	-13	Vertical
8962.63	-39.30	-13	Vertical
9969.83	-36.58	-13	Vertical

HSDPA/HSUPA Mode:  
Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.34	-53.48	-13	Vertical
1668.54	-51.70	-13	Vertical
2532.67	-44.61	-13	Vertical
2579.11	-44.63	-13	Vertical
8961.53	-39.85	-13	Vertical
9970.02	-36.58	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.51	-53.17	-13	Vertical
1665.75	-50.83	-13	Vertical
2532.59	-44.71	-13	Vertical
2577.96	-44.51	-13	Vertical
8962.19	-39.33	-13	Vertical
9971.49	-36.58	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.94	-52.73	-13	Vertical
1664.89	-51.53	-13	Vertical
2534.27	-43.98	-13	Vertical
2578.38	-44.05	-13	Vertical
8964.32	-39.56	-13	Vertical
9970.74	-36.58	-13	Vertical

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