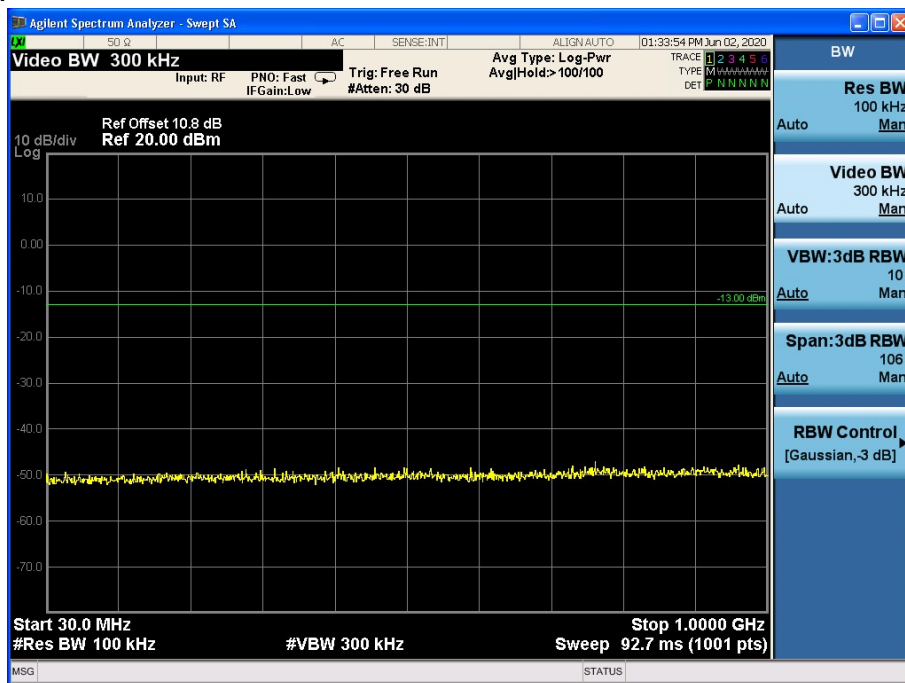
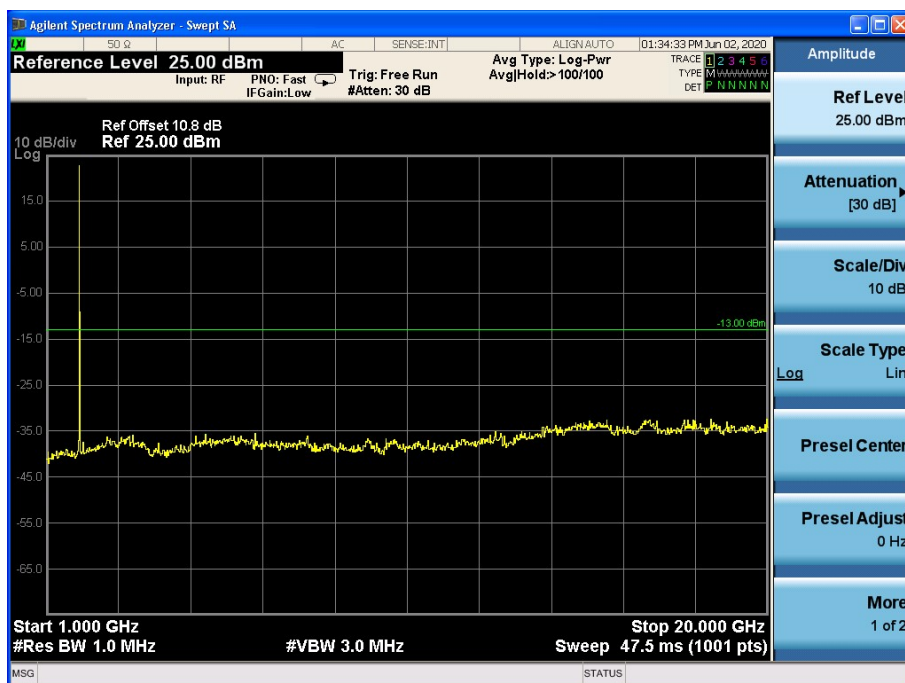


Spurious Emissions at antenna terminal WCDMA band II

REL99 Mode:



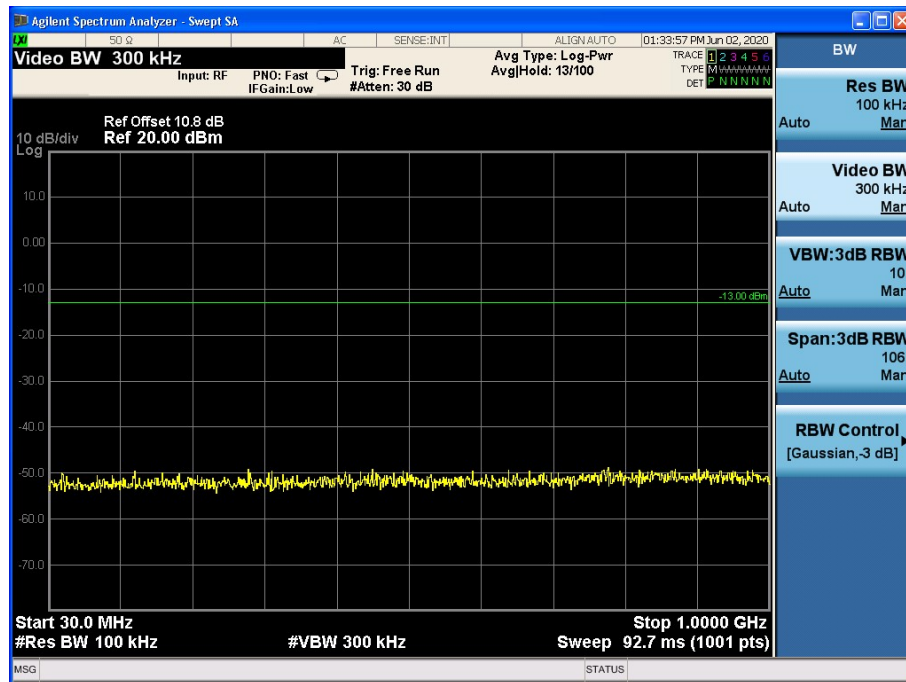
Channel 9400, 30MHz~1GHz



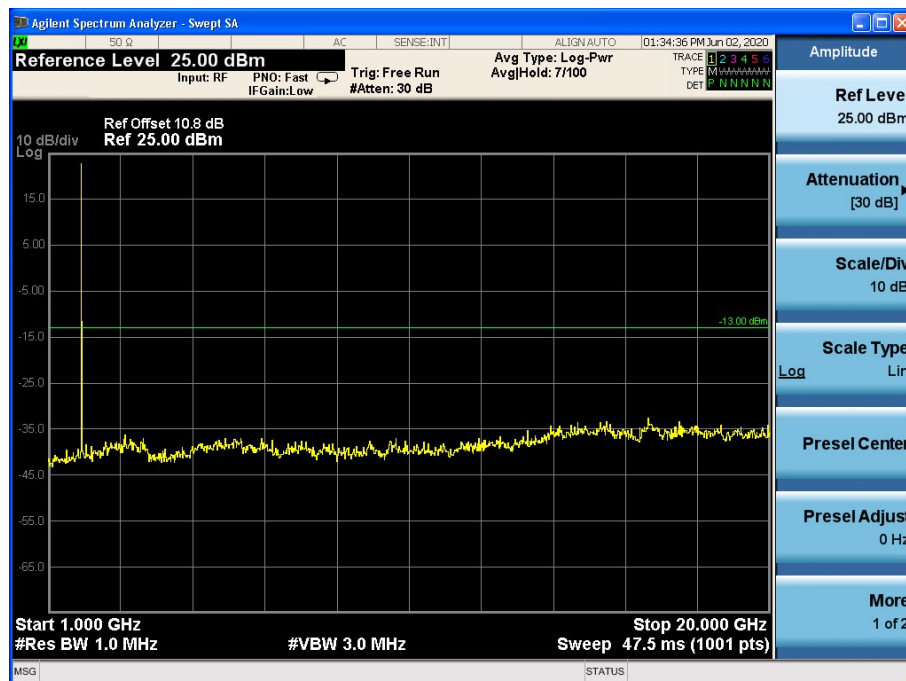
Channel 9400, 1GHz~20GHz

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

HSUPA Mode:



Channel 9400, 30MHz~1GHz

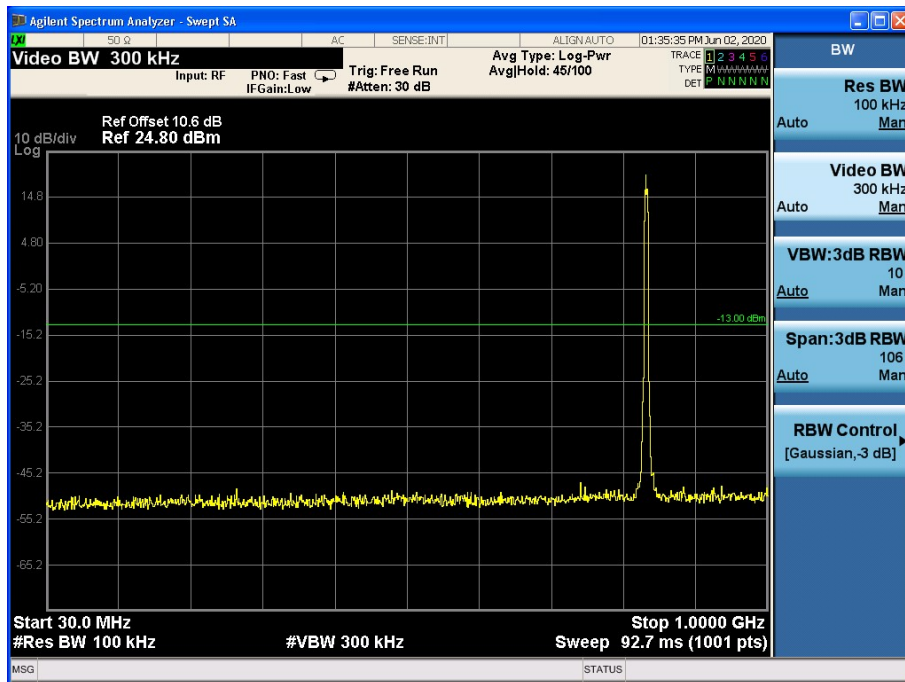


Channel 9400, 1GHz~20GHz

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

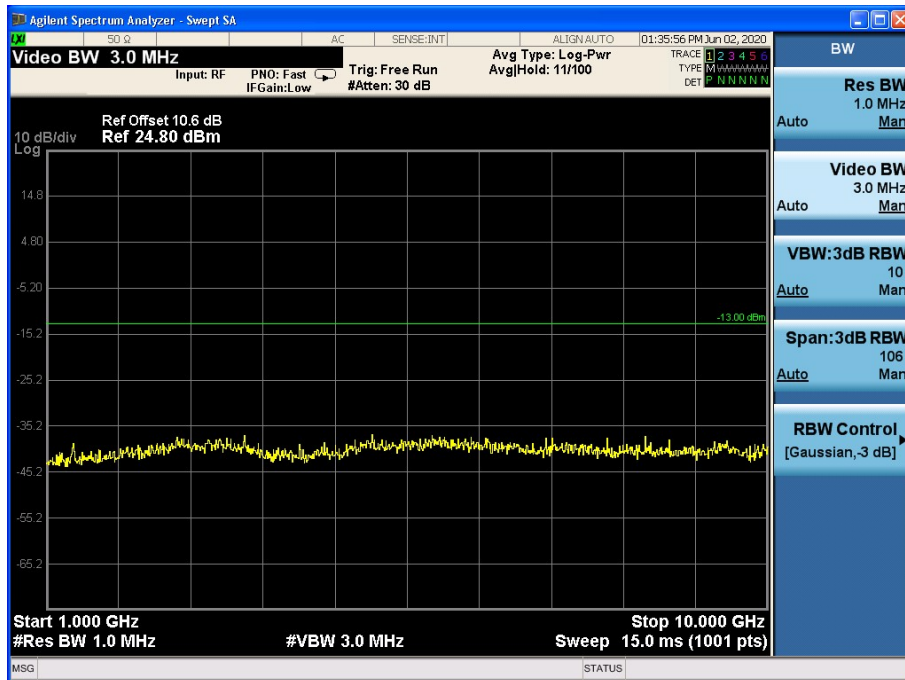
WCDMA band V

REL99 Mode:



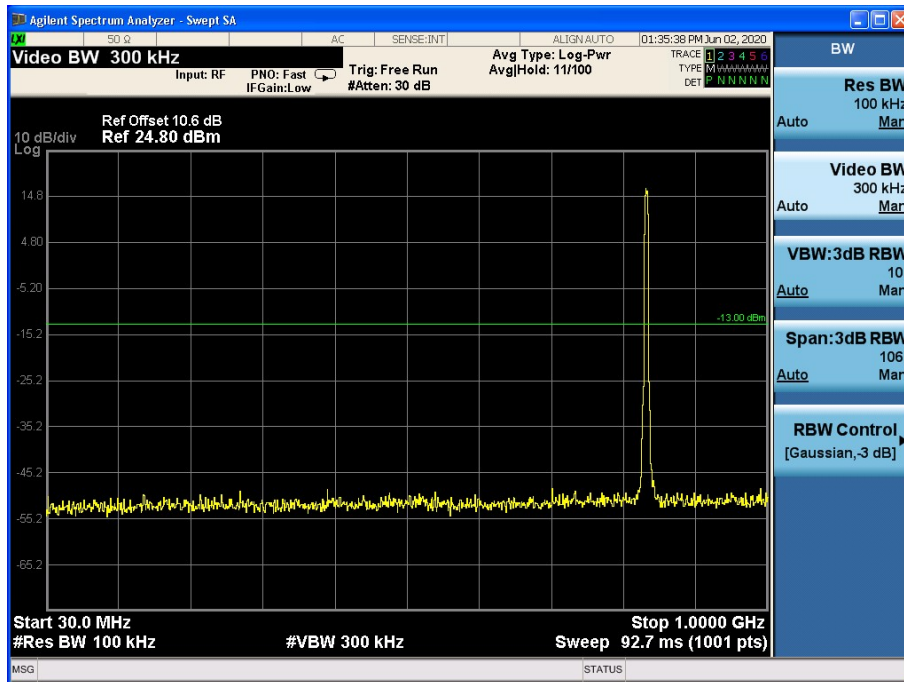
Channel 4183, 30MHz~1GHz

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



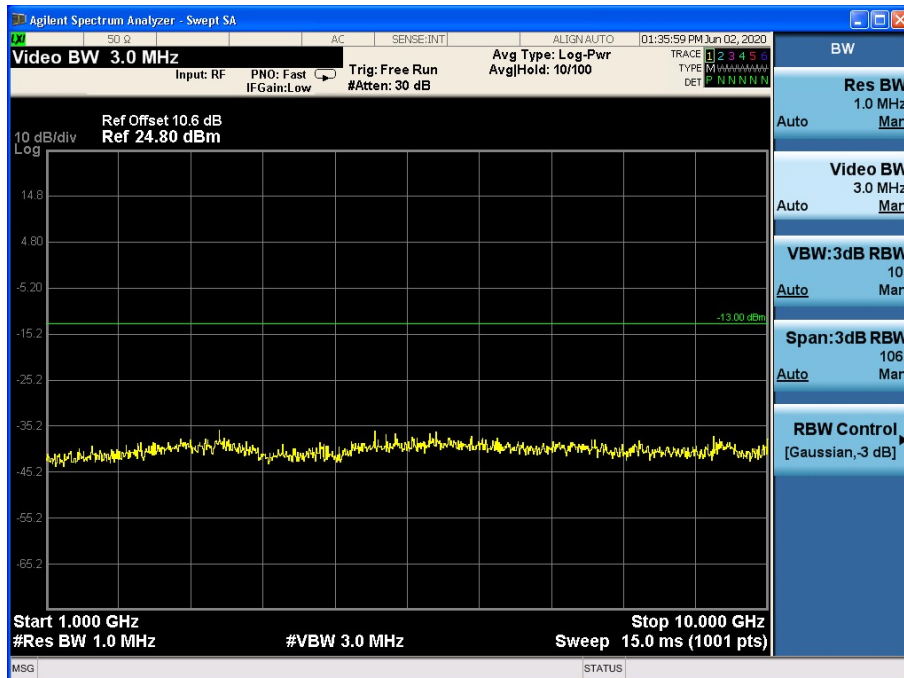
Channel 4183, 1GHz~10GHz

HSUPA Mode:



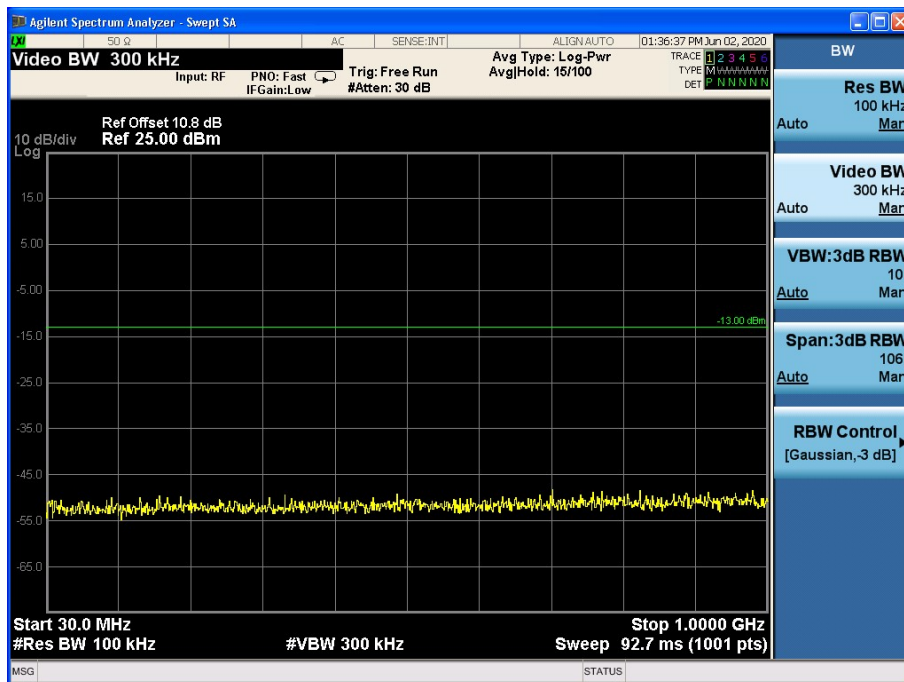
Channel 4183, 30MHz~1GHz

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

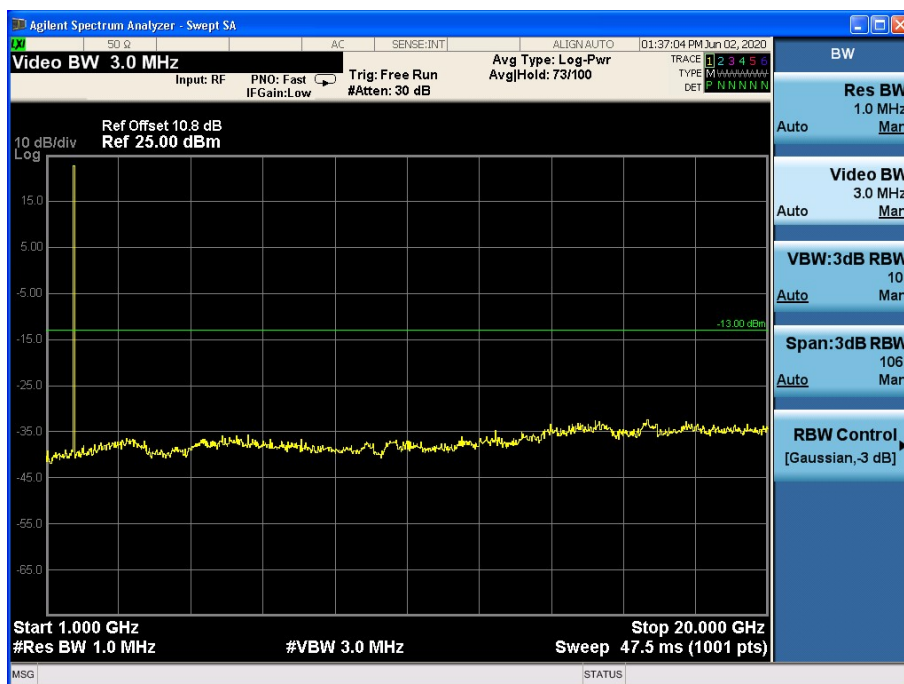


Channel 4183, 1GHz~10GHz

WCDMA band IV
REL99 Mode:



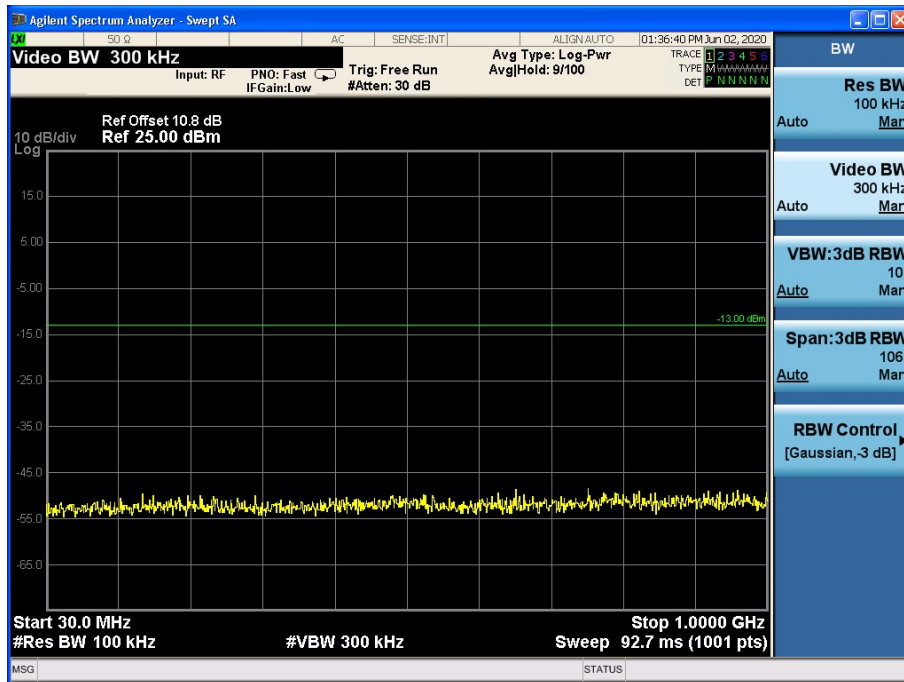
Channel 1412, 30MHz~1GHz



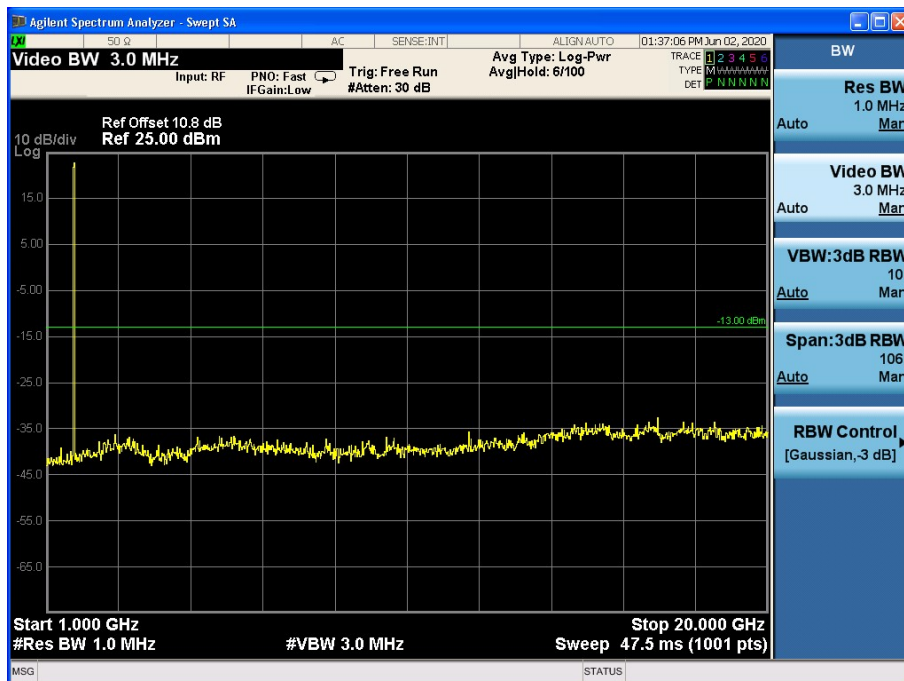
Channel 1412, 1GHz~20GHz

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:

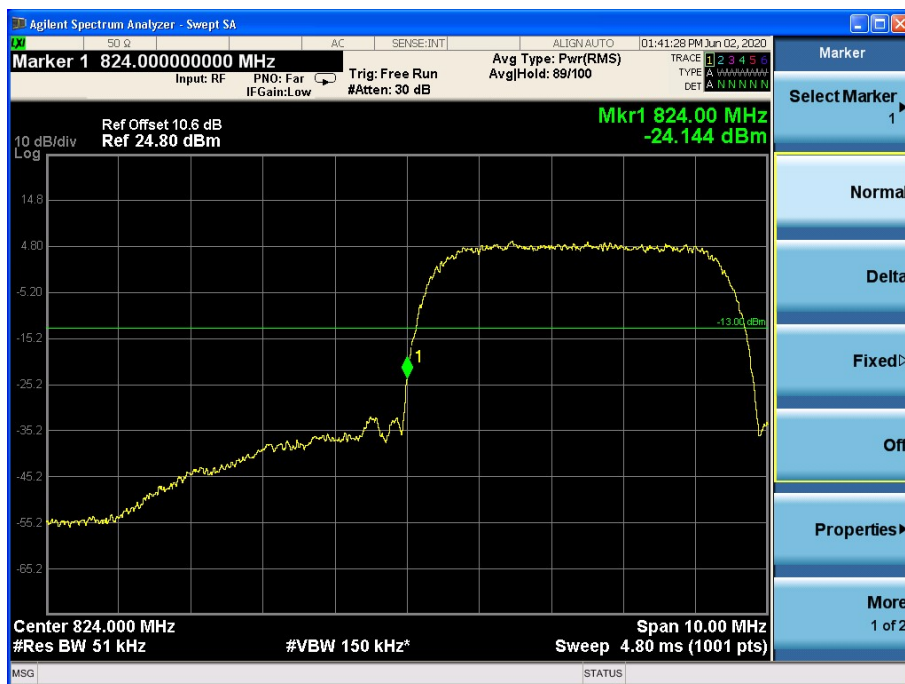


Channel 4132

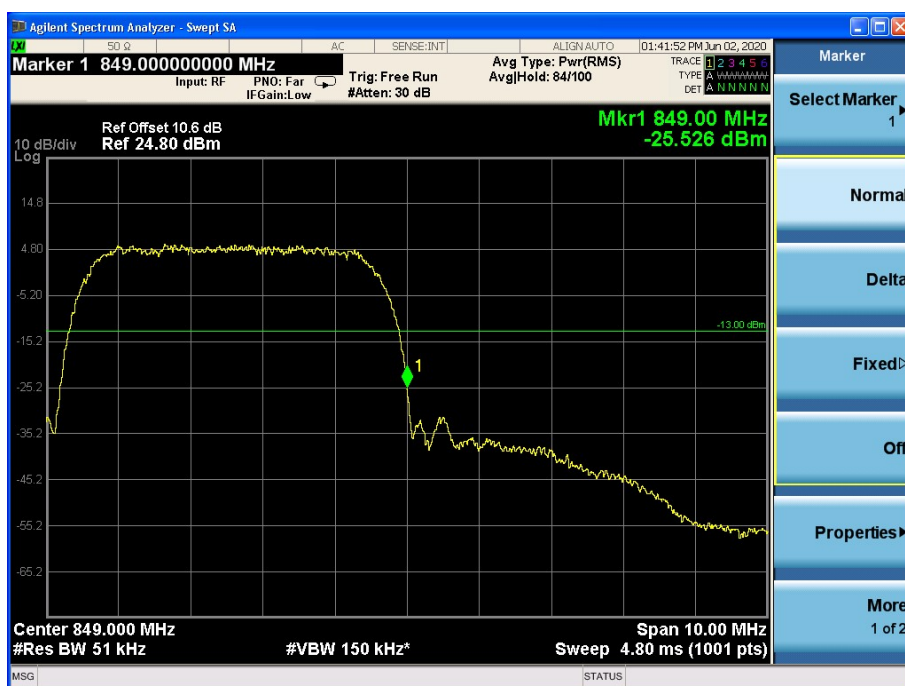


Channel 4233

HSUPA Mode:



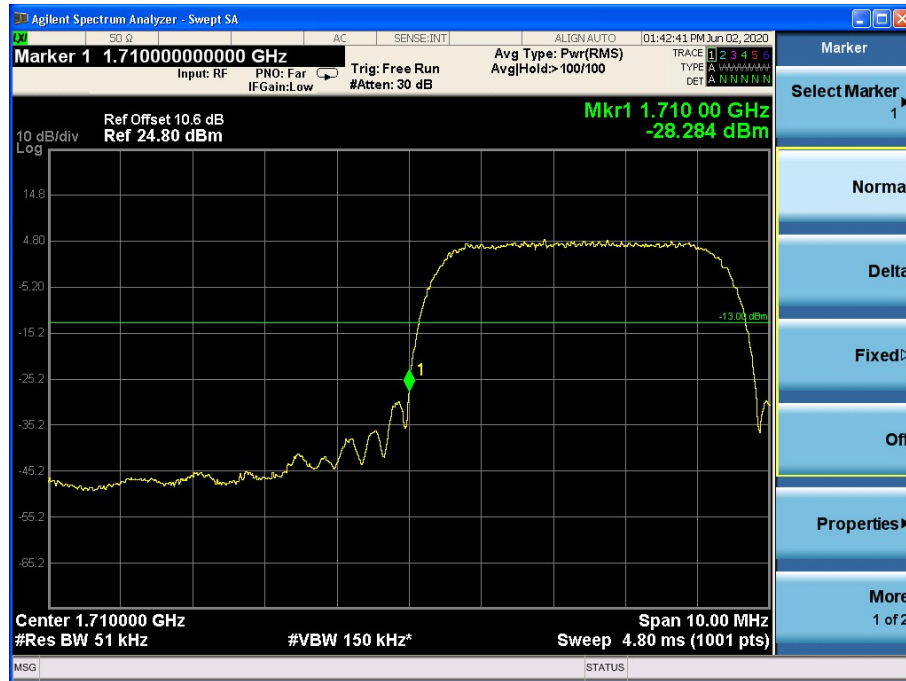
Channel 9262



Channel 9538

WCDMA band IV

REL99 Mode:

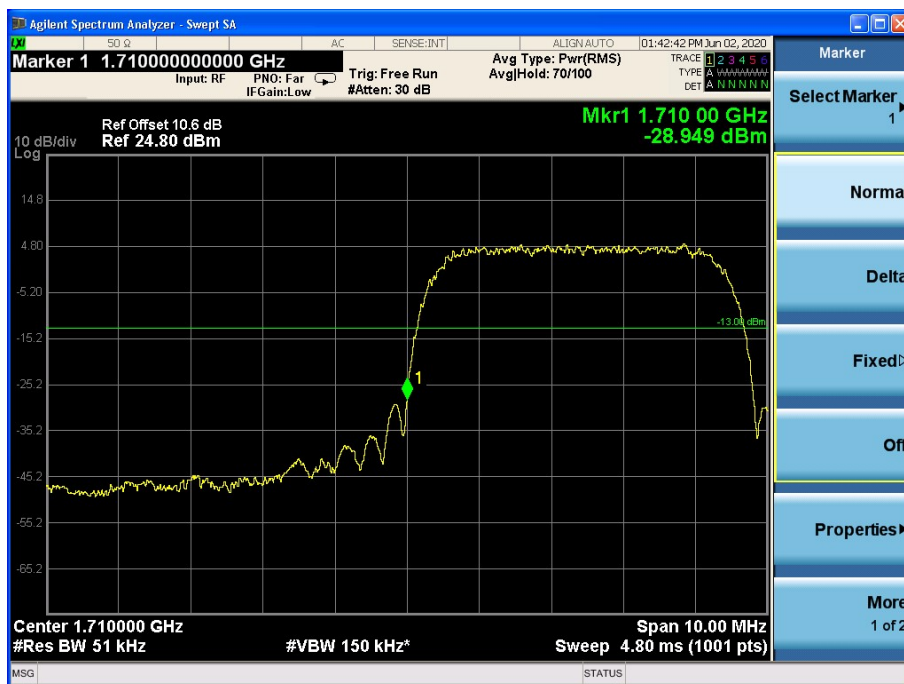


Channel 1312

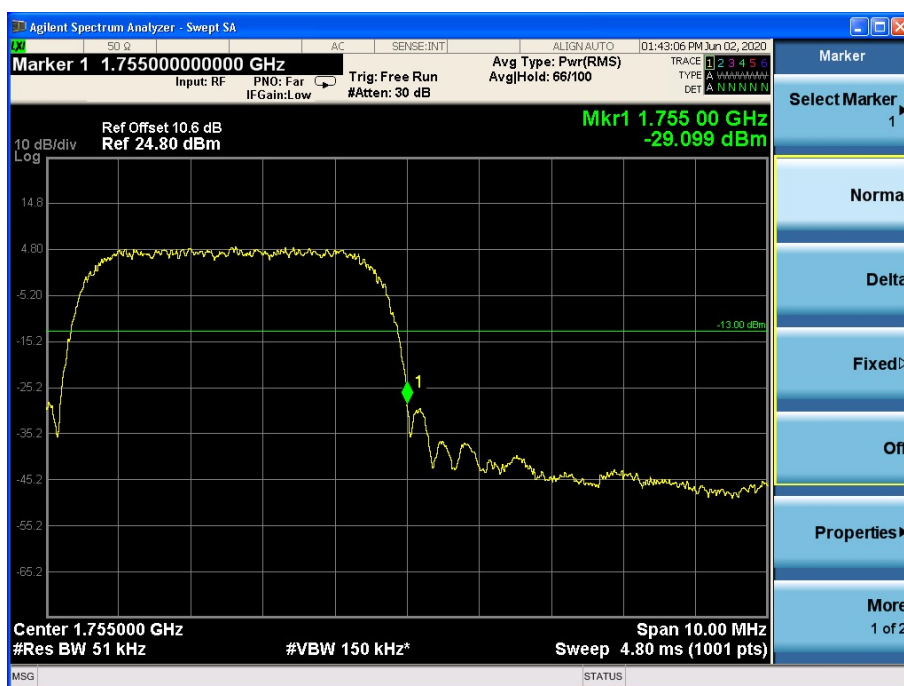


Channel 1513

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	-0.062	0.026	-0.062
0	0.011	-0.018	0.086
+10	-0.042	-0.009	-0.012
+20	0.000	0.000	0.000
+30	-0.054	0.027	-0.059
+40	0.013	-0.017	-0.065
+50	0.042	0.020	0.008
+55	-0.051	-0.037	-0.033
Voltage	Test Result (ppm)@NT		
	Channel 9262	Channel 9400	Channel 9538
LV	-0.003	-0.024	-0.002
HV	0.038	-0.009	0.022

HSUPA Mode:

Temperature(° C)	Test Result (ppm)@NV		
	Channel 9262	Channel 9400	Channel 9538
-10	-0.033	-0.029	-0.039
0	-0.036	0.017	0.046
+10	-0.013	0.013	-0.035
+20	0.000	0.000	0.000
+30	-0.029	-0.063	-0.044
+40	0.026	0.060	0.054
+50	0.041	0.012	0.044
+55	-0.088	-0.076	0.046
Voltage	Test Result (ppm)NT		
	Channel 9262	Channel 9400	Channel 9538
LV	-0.033	0.008	0.007
HV	0.012	-0.007	0.023

WCDMA band V
REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-10	-0.073	-0.012	0.017
0	0.010	-0.061	-0.026
+10	0.016	-0.003	-0.031
+20	0.000	0.000	0.000
+30	0.028	-0.008	0.001
+40	-0.028	-0.044	0.009
+50	0.040	0.032	-0.066
+55	0.042	0.034	0.074
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	-0.002	-0.012	-0.007
HV	0.029	-0.006	0.022

HSUPA Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4183	Channel 4233
-10	0.026	0.075	0.001
0	0.014	0.021	0.035
+10	-0.052	0.019	0.029
+20	0.000	0.000	0.000
+30	-0.008	-0.032	-0.019
+40	-0.001	-0.016	-0.003
+50	-0.019	-0.063	0.008
+55	0.014	-0.058	0.016
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4183	Channel 4233
LV	0.034	-0.032	-0.028
HV	-0.003	0.034	0.016

WCDMA band IV

REL99 Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1412	Channel 1513
-10	0.004	-0.064	-0.049
0	-0.022	0.016	0.029
+10	-0.056	0.018	0.032
+20	0.000	0.000	0.000
+30	0.040	0.009	-0.089
+40	-0.039	0.034	0.057
+50	-0.016	-0.033	-0.026
+55	-0.047	-0.076	-0.061
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1412	Channel 1513
LV	0.013	-0.018	-0.024
HV	-0.023	-0.002	-0.029

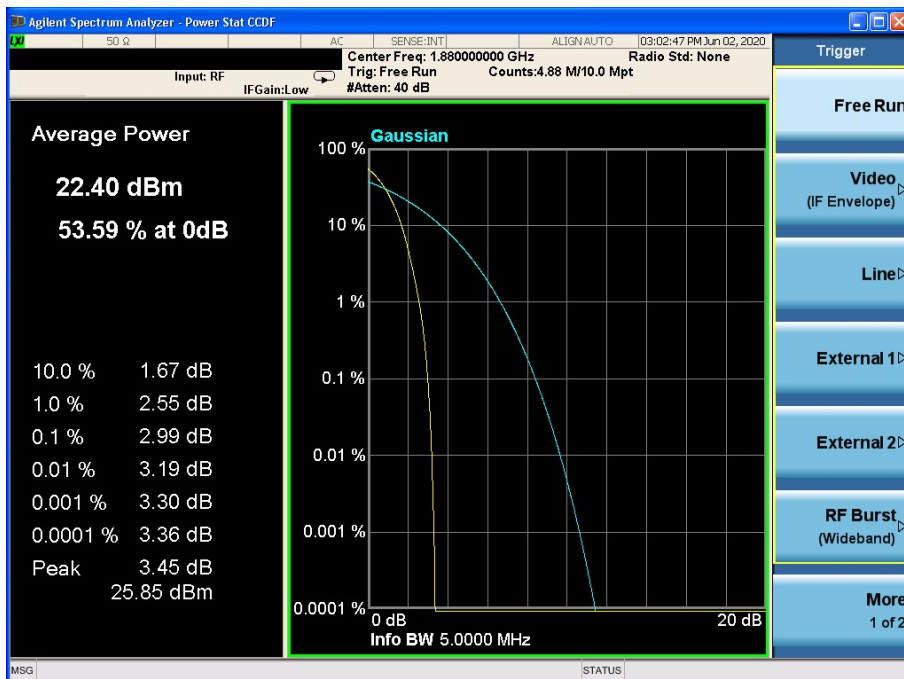
HSUPA Mode:

Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1412	Channel 1513
-10	-0.043	-0.049	-0.010
0	0.016	0.030	0.017
+10	-0.031	0.044	-0.012
+20	0.000	0.000	0.000
+30	-0.014	-0.017	-0.005
+40	0.041	0.015	0.008
+50	-0.084	0.023	0.033
+55	0.027	-0.086	-0.004
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1412	Channel 1513
LV	0.009	0.009	-0.026
HV	-0.014	0.028	0.029

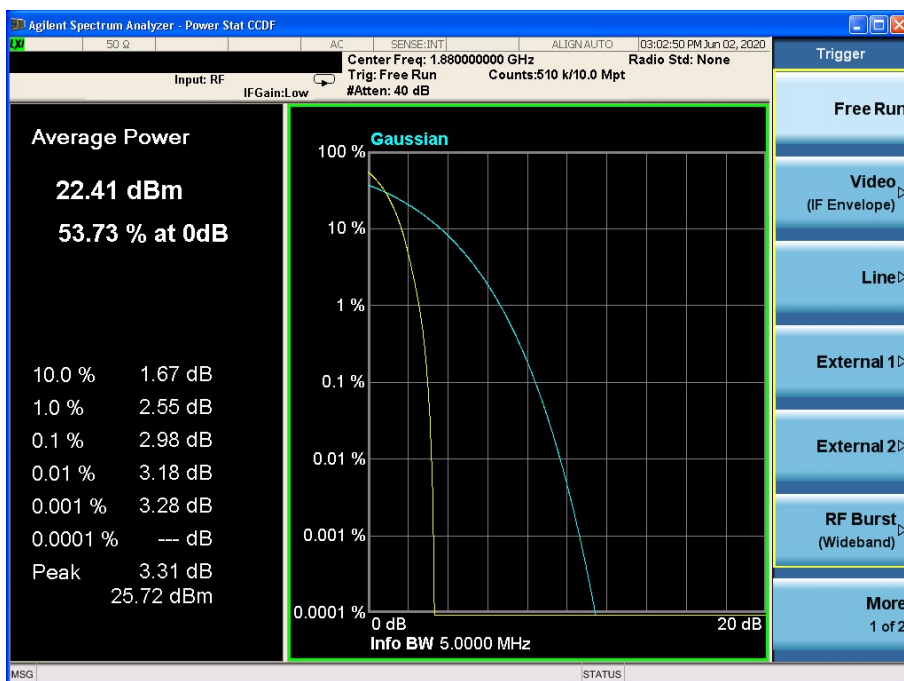
Peak-Average Ratio

WCDMA band II

REL99 Mode:

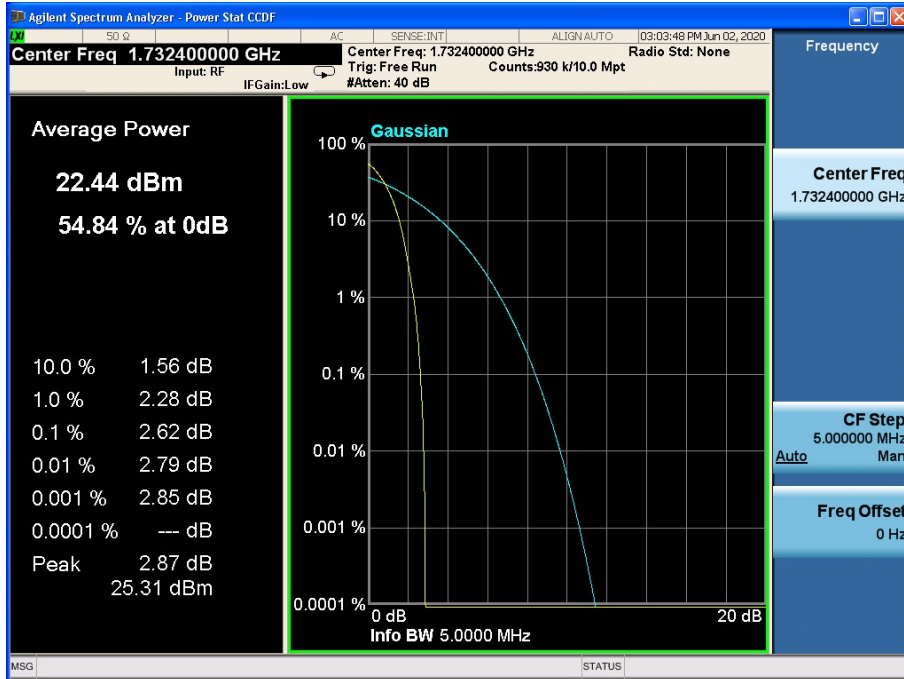


HSUPA Mode:

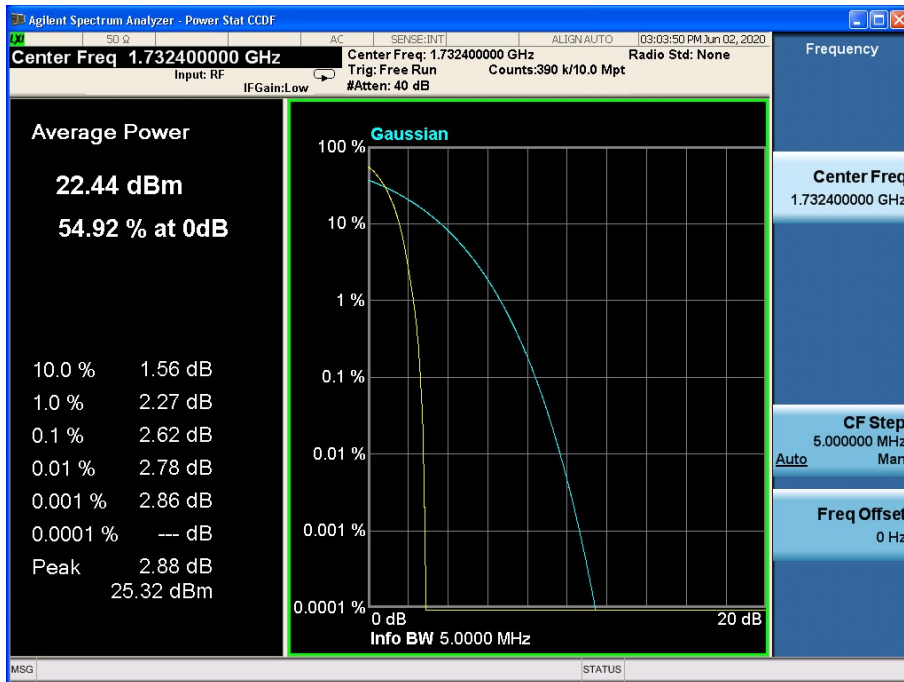


WCDMA band V

REL99 Mode:

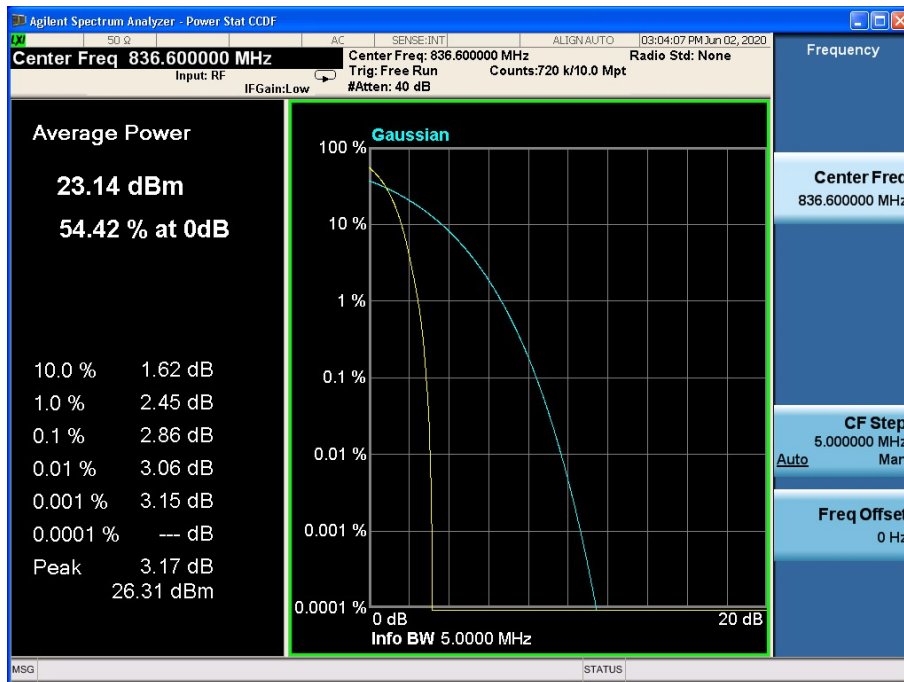


HSUPA Mode:

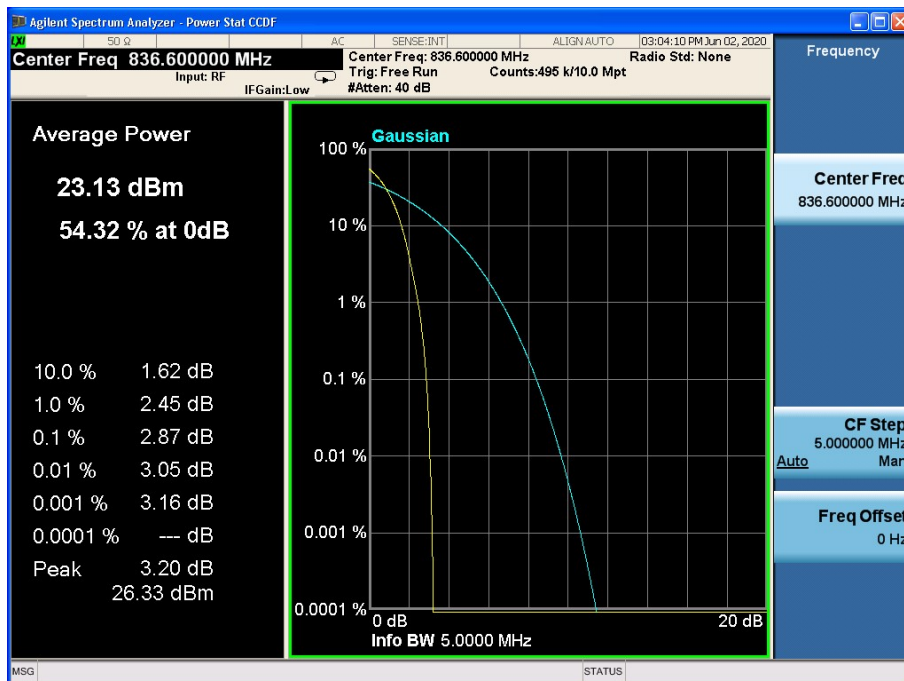


WCDMA band IV

REL99 Mode:



HSUPA Mode:



APPENDIX B – TEST DATA OF RADIATED EMISSION

The measurement results are obtained as described below:

Peak EIRP = P_{mea} + P_{ca} Cable loss+ G_a Antenna Gain

Sample calculation: (24.95 dBm) = (20.15 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 (dB)	P _{mea} (dBm)	Polarization
1852.4	24.95	-3.8	8.6	20.15	Vertical

WCDMA band II

Test result:

WCDMA Mode:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	P _{mea} (dBm)	Polarization
1852.4	24.95	-3.8	8.6	20.15	Vertical
1880.0	24.90	-3.8	8.6	20.10	Vertical
1907.6	24.71	-3.8	8.6	19.91	Vertical

HSDPA/HSUPA Mode:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	P _{mea} (dBm)	Polarization
1852.4	23.71	-3.8	8.6	18.91	Vertical
1880.0	23.66	-3.8	8.6	18.86	Vertical
1907.6	23.55	-3.8	8.6	18.75	Vertical

Test result:

WCDMA Mode:

Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.18	-48.54	-13	Vertical
2779.61	-46.89	-13	Vertical
3725.03	-40.80	-13	Vertical
6675.27	-39.66	-13	Vertical
9963.03	-37.74	-13	Vertical
17820.65	-33.78	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
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2460.00	-49.28	-13	Vertical
2778.72	-47.09	-13	Vertical
3727.37	-40.72	-13	Vertical
6677.69	-40.07	-13	Vertical
9960.80	-37.66	-13	Vertical
17822.09	-33.91	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.18	-48.99	-13	Vertical
2781.58	-47.15	-13	Vertical
3725.81	-40.57	-13	Vertical
6675.82	-39.99	-13	Vertical
9963.37	-37.77	-13	Vertical
17822.21	-34.17	-13	Vertical

HSDPA/HSUPA Mode: Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.94	-49.26	-13	Vertical
2781.77	-47.82	-13	Vertical
3726.94	-41.35	-13	Vertical
6675.99	-39.20	-13	Vertical
9960.05	-37.43	-13	Vertical
17820.23	-33.63	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.71	-48.98	-13	Vertical
2781.26	-47.53	-13	Vertical
3727.65	-41.05	-13	Vertical
6675.02	-39.24	-13	Vertical
9961.83	-37.13	-13	Vertical
17818.65	-33.89	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.28	-48.49	-13	Vertical
2779.61	-47.08	-13	Vertical
3727.81	-41.06	-13	Vertical
6678.28	-39.20	-13	Vertical
9961.96	-37.60	-13	Vertical
17818.96	-34.03	-13	Vertical

WCDMA band IV
Test result:

WCDMA Mode:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1712.4	25.21	-3.8	8.6	20.41	Vertical
1732.4	25.16	-3.8	8.6	20.36	Vertical
1752.6	25.05	-3.8	8.6	20.25	Vertical

HSDPA/HSUPA Mode:

Frequency (MHz)	Peak EIRP(dBm)	Pca Cable loss	Ga Antenna Gain (dB)	Pmea (dBm)	Polarization
1712.4	24.53	-3.8	8.6	19.73	Vertical
1732.4	24.34	-3.8	8.6	19.54	Vertical
1752.6	24.72	-3.8	8.6	19.92	Vertical

Test result:

WCDMA Mode:

Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.35	-48.67	-13	Vertical
2780.20	-47.08	-13	Vertical
3726.74	-40.49	-13	Vertical
6677.83	-39.45	-13	Vertical
9962.42	-37.00	-13	Vertical
17820.45	-34.05	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.36	-48.58	-13	Vertical
2779.92	-46.90	-13	Vertical
3726.55	-41.03	-13	Vertical
6677.79	-39.97	-13	Vertical
9963.14	-37.19	-13	Vertical
17818.36	-33.75	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.13	-49.15	-13	Vertical
2779.43	-47.16	-13	Vertical
3724.81	-40.55	-13	Vertical
6676.84	-39.30	-13	Vertical
9960.68	-36.82	-13	Vertical
17818.91	-34.41	-13	Vertical

HSDPA/HSUPA Mode:

Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.74	-49.18	-13	Vertical
2779.85	-47.13	-13	Vertical
3726.18	-40.90	-13	Vertical
6675.20	-39.60	-13	Vertical
9963.07	-37.36	-13	Vertical
17820.79	-33.48	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.26	-49.30	-13	Vertical
2781.38	-47.88	-13	Vertical
3726.03	-40.36	-13	Vertical
6678.61	-39.92	-13	Vertical
9959.45	-36.97	-13	Vertical
17820.81	-34.25	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.75	-48.77	-13	Vertical
2778.85	-47.19	-13	Vertical
3728.12	-41.15	-13	Vertical
6678.65	-39.90	-13	Vertical
9961.02	-37.01	-13	Vertical
17820.97	-33.93	-13	Vertical

WCDMA band V

Test result:

WCDMA Mode:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
826.4	24.88	-3.4	8.3	2.15	22.13	Vertical
836.6	24.78	-3.4	8.3	2.15	22.03	Vertical
846.6	24.97	-3.4	8.3	2.15	22.22	Vertical

HSDPA/HSUPA Mode:

Frequency (MHz)	Peak ERP (dBm)	Pca Cable loss(dB)	Ga Antenna Gain (dB)	Correction (dB)	Pmea (dBm)	Polarization
826.4	23.69	-3.4	8.3	2.15	20.94	Vertical
836.6	23.53	-3.4	8.3	2.15	20.78	Vertical
846.6	23.85	-3.4	8.3	2.15	21.10	Vertical

Test result:

WCDMA Mode:

Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.62	-53.19	-13	Vertical
1667.42	-51.53	-13	Vertical
2535.33	-43.86	-13	Vertical
2577.78	-44.05	-13	Vertical
8964.72	-39.69	-13	Vertical
9970.99	-36.33	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.84	-53.31	-13	Vertical
1667.07	-51.37	-13	Vertical
2534.89	-44.53	-13	Vertical
2576.22	-44.40	-13	Vertical
8962.41	-39.98	-13	Vertical
9973.15	-36.61	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.08	-53.26	-13	Vertical
1667.62	-51.60	-13	Vertical
2533.01	-44.04	-13	Vertical
2577.80	-44.65	-13	Vertical
8962.03	-39.63	-13	Vertical
9973.27	-35.98	-13	Vertical

HSDPA/HSUPA Mode: Channel 4132

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.23	-53.13	-13	Vertical
1666.63	-51.69	-13	Vertical
2534.75	-43.82	-13	Vertical
2576.81	-44.61	-13	Vertical
8963.44	-39.65	-13	Vertical
9970.83	-36.43	-13	Vertical

Channel 4183

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.18	-53.29	-13	Vertical
1667.88	-51.66	-13	Vertical
2532.58	-44.80	-13	Vertical
2577.66	-43.96	-13	Vertical
8964.18	-39.94	-13	Vertical
9970.90	-36.44	-13	Vertical

Channel 4233

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.98	-52.84	-13	Vertical
1667.75	-50.99	-13	Vertical
2532.81	-44.40	-13	Vertical
2578.98	-44.27	-13	Vertical
8963.15	-39.99	-13	Vertical
9972.79	-36.07	-13	Vertical

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