APPENDIX A – TEST DATA OF CONDUCTED EMISSION

1. RF Power Output

WCDMA band II

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
Release 99	RMC,12.2kbps	1852.4	9262	23.07
		1880	9400	23.06
		1907.6	9538	23.15

WCDMA band IV

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
Release 99	RMC,12.2kbps	1712.4	1312	23.03
		1732.6	1413	23.08
		1752.6	1513	22.96

WCDMA band V

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
Release 99	RMC,12.2kbps	826.4	4132	23.04
		836.6	4182	23.05
		846.6	4233	22.99

2.Occupied Bandwidth

WCDMA band II

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
1852.4	9262	4.176
1880	9400	4.166
1907.6	9538	4.176

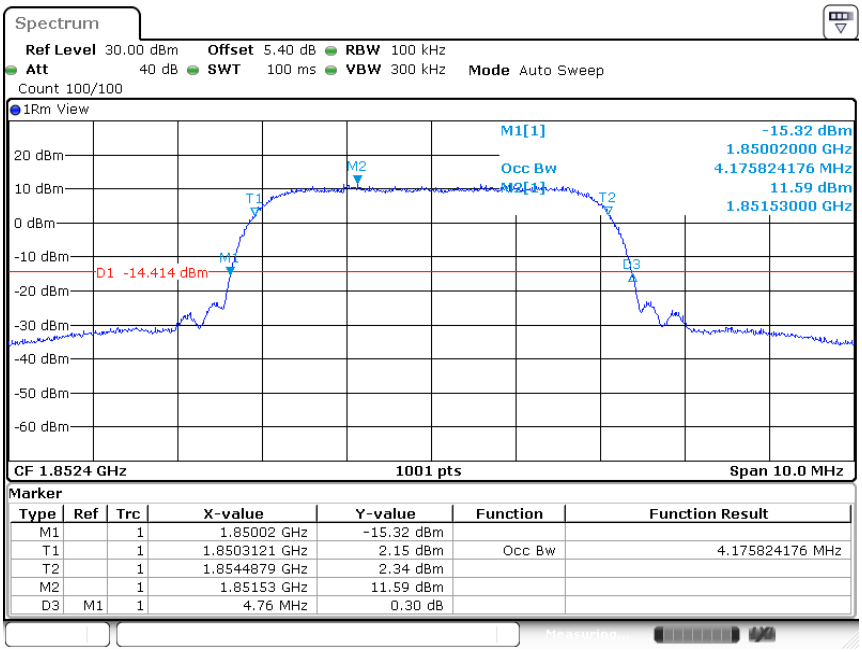
WCDMA band IV

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
1712.4	1312	4.166
1732.6	1413	4.166
1752.6	1513	4.166

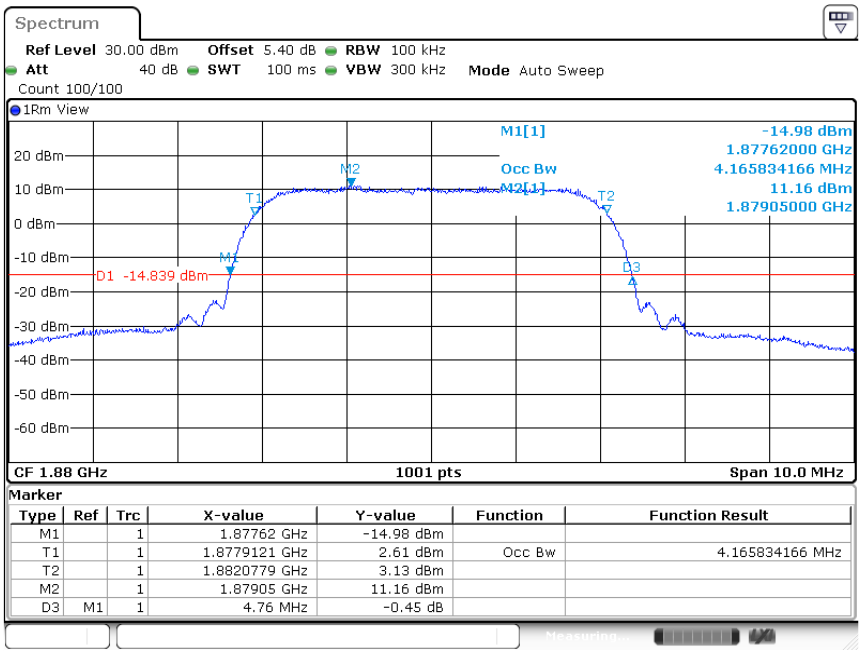
WCDMA band V

Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
826.4	4132	4.156
836.6	4182	4.156
846.6	4233	4.156

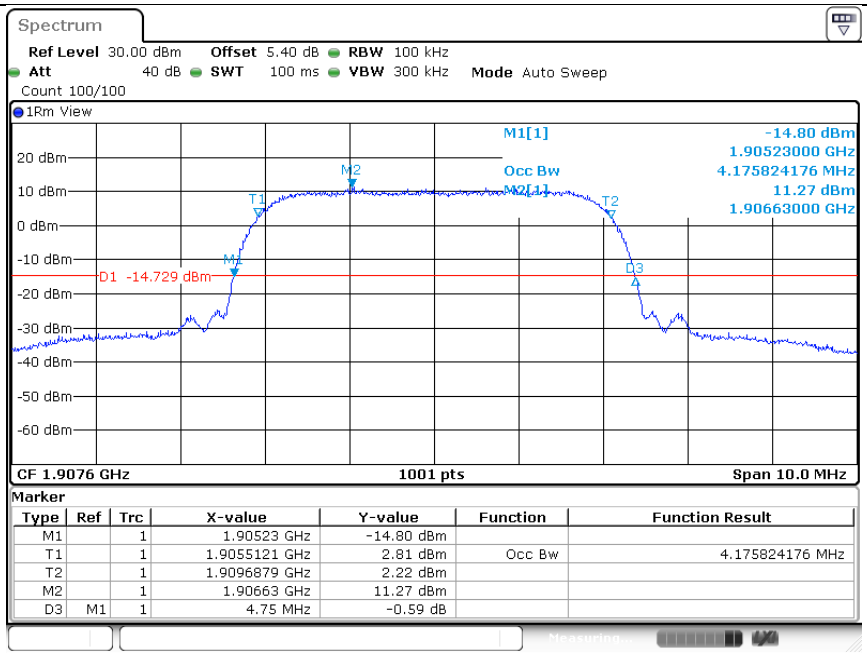
WCDMA band II



Channel 9262

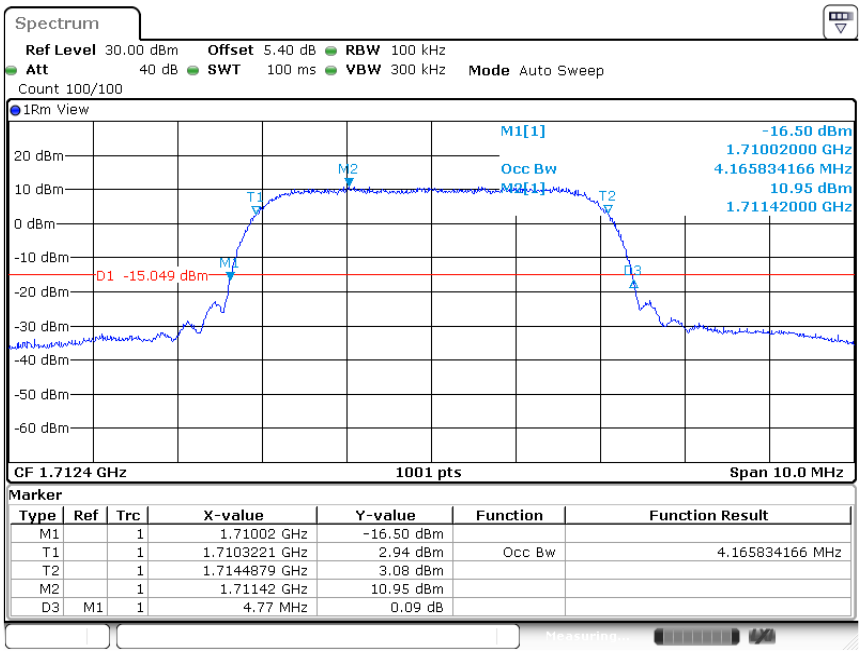


Channel 9400

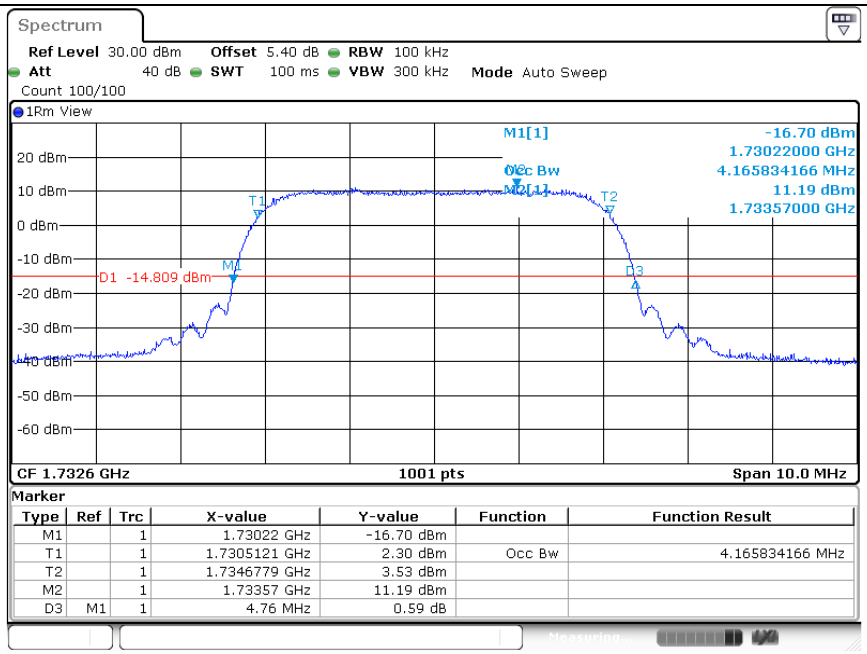


Channel 9538

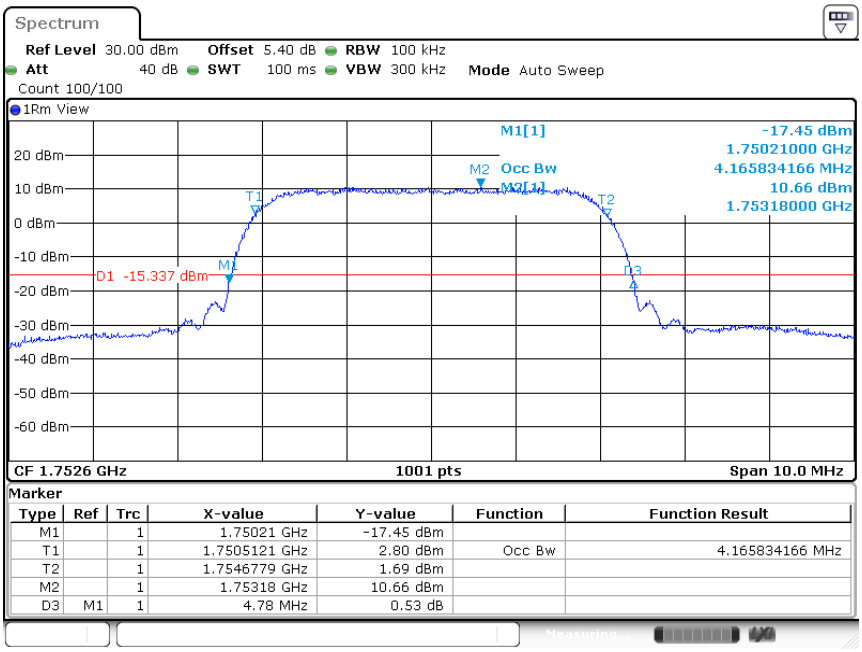
WCDMA band IV:



Channel 1312

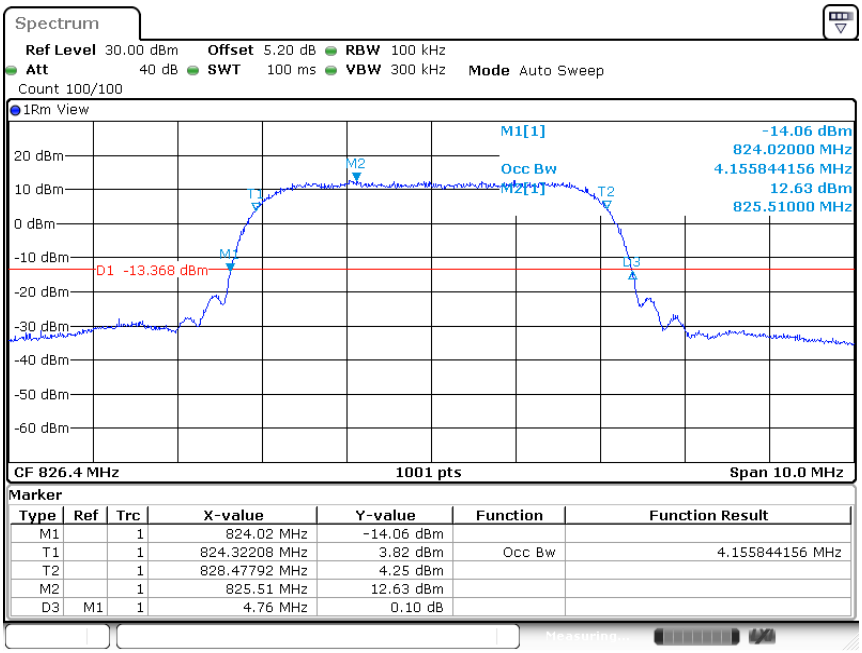


Channel 1413

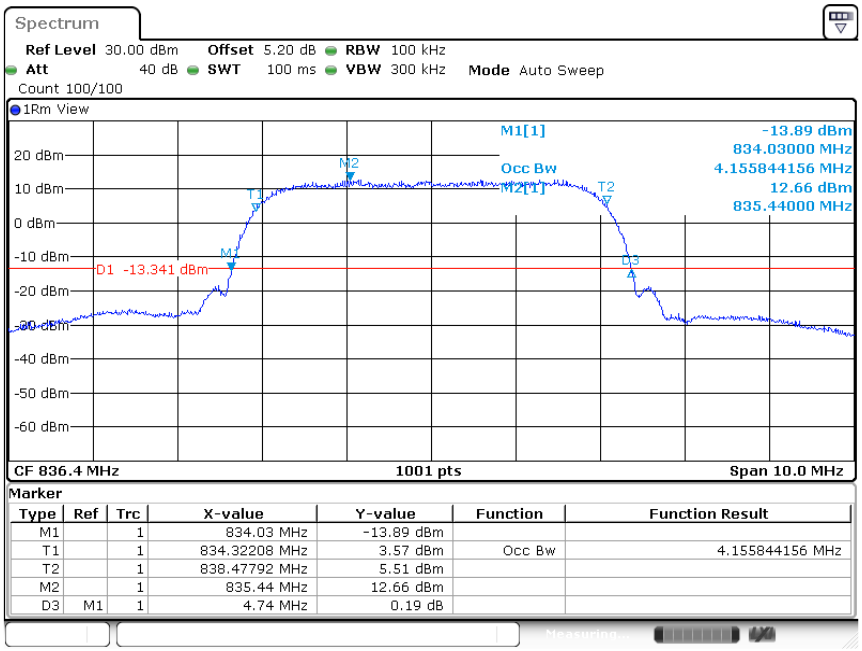


Channel 1513

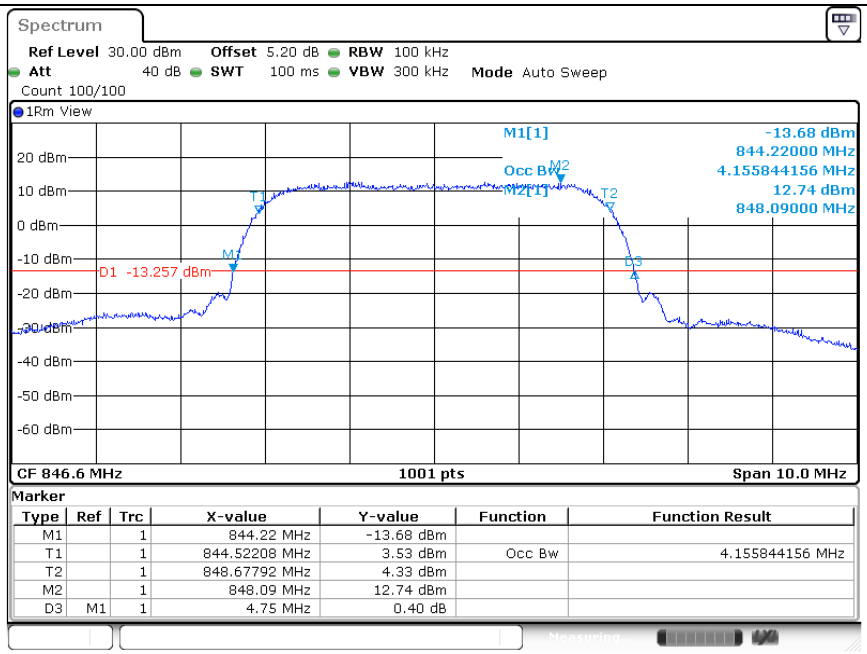
WCDMA band V:



Channel 4132



Channel 4182



Channel 4233

3 Emission Bandwidth

WCDMA band II

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
1852.4	9262	4.760
1880	9400	4.760
1907.6	9538	4.750

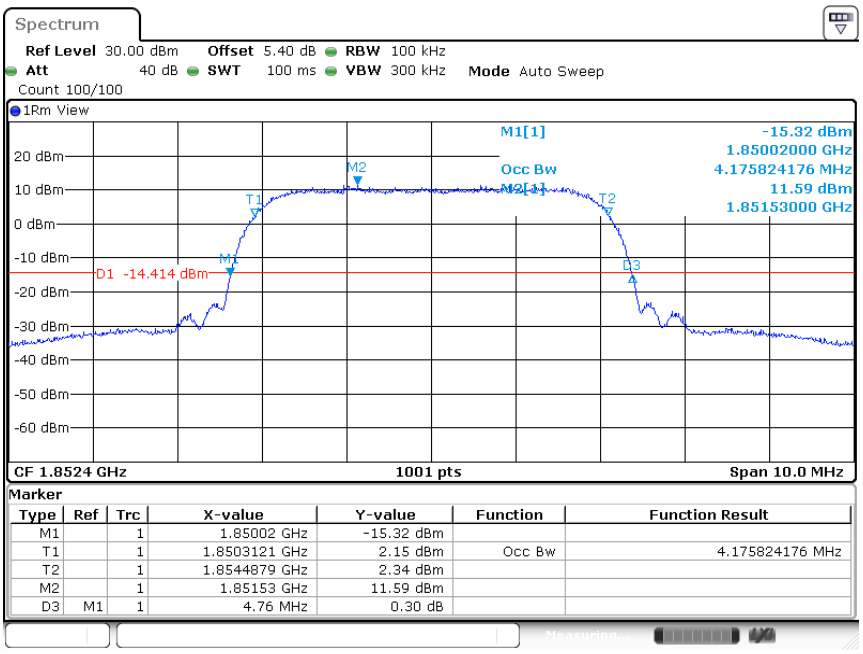
WCDMA band IV

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
1712.4	1312	4.770
1732.6	1413	4.760
1752.6	1513	4.780

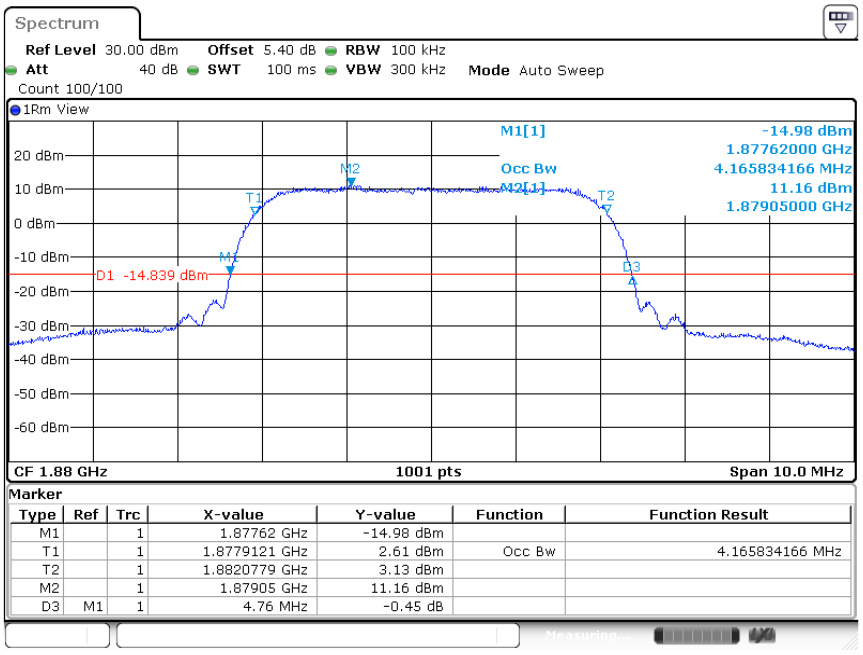
WCDMA band V

Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
826.4	4.156	4.760
836.6	4.156	4.740
846.6	4.156	4.750

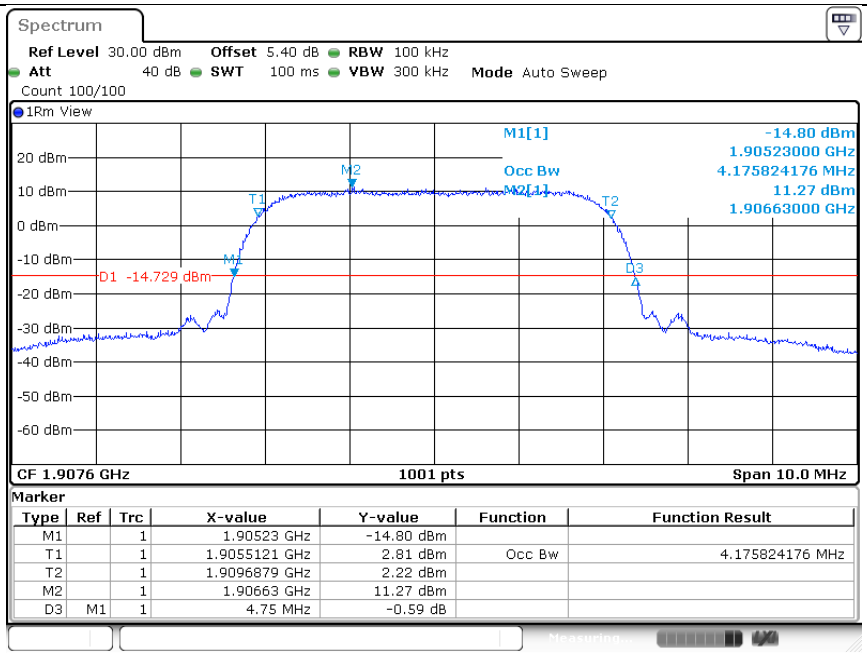
WCDMA band II
REL99 Mode:



Channel 9262

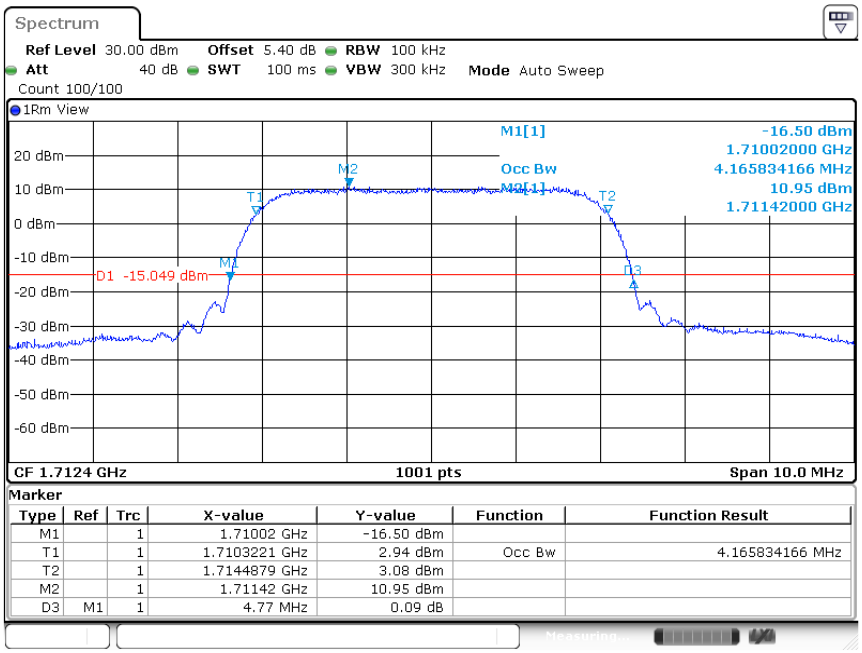


Channel 9400

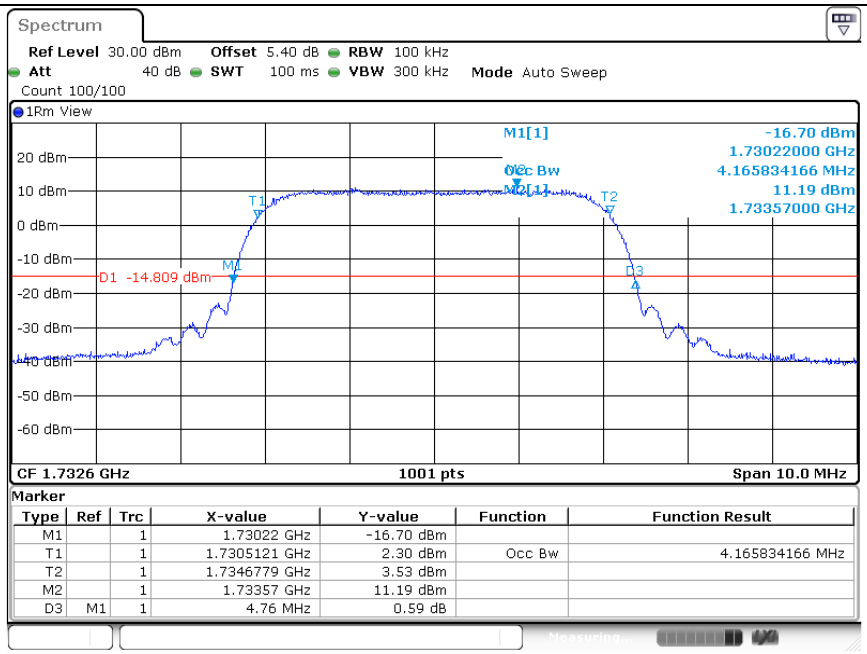


Channel 9538

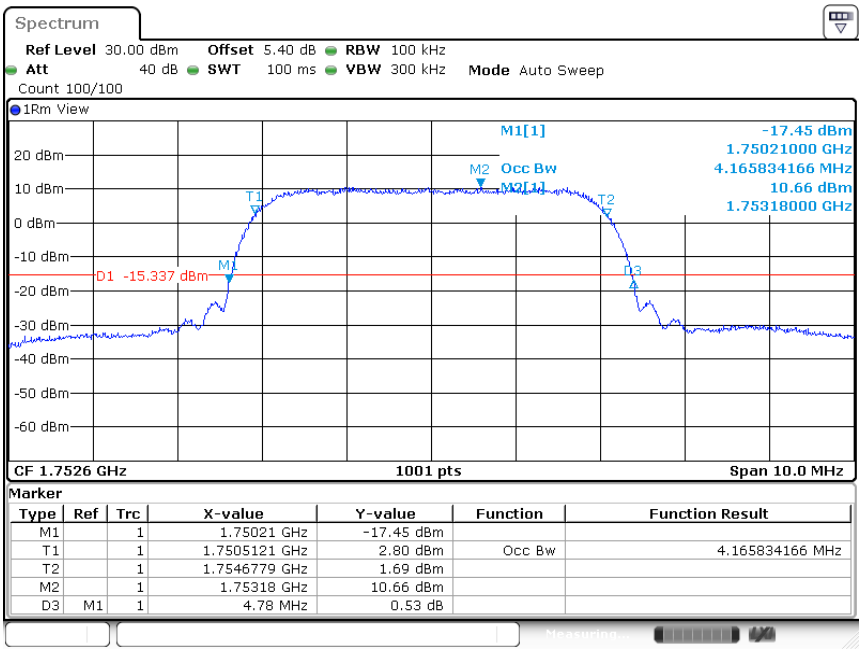
HSDPA Mode:



Channel 9262

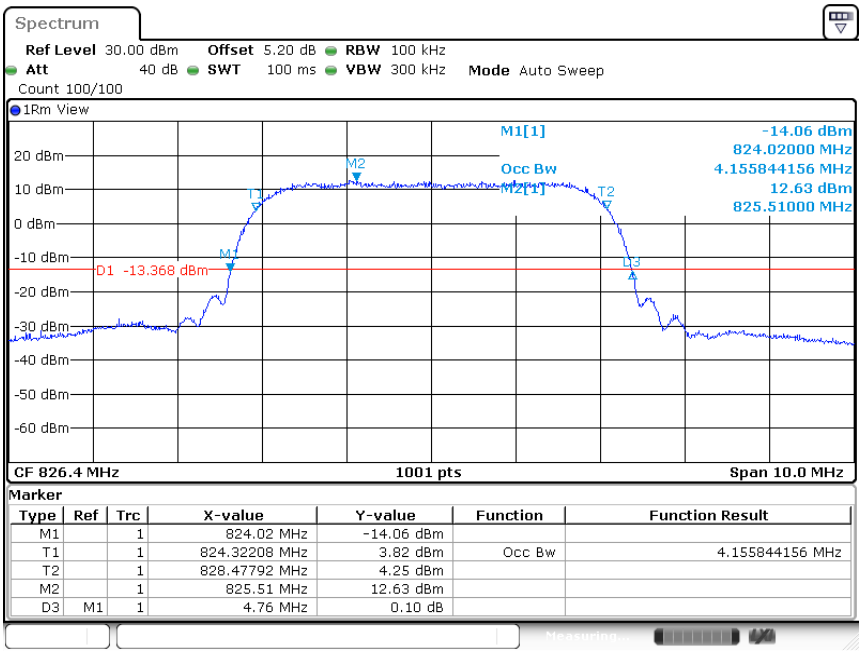


Channel 9400

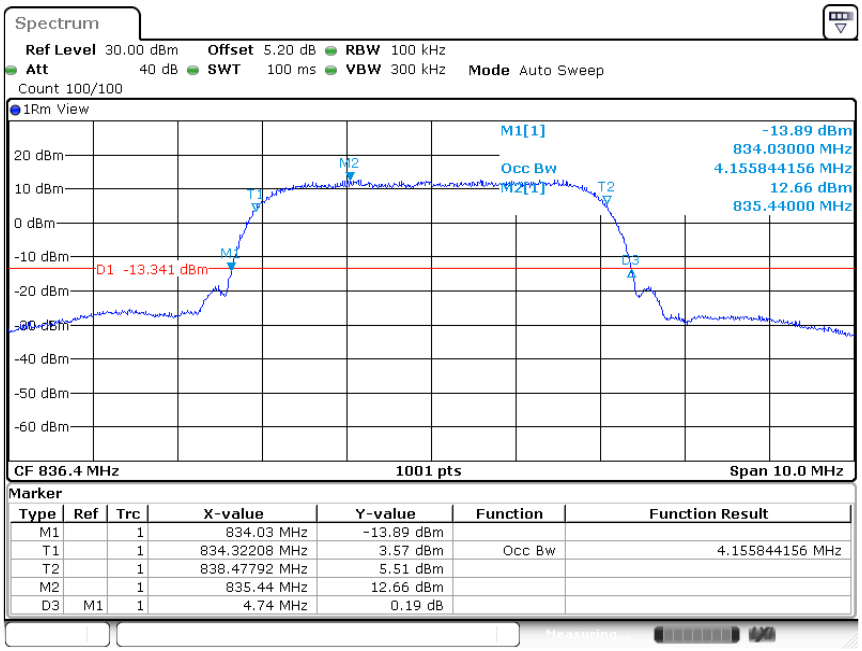


Channel 9538

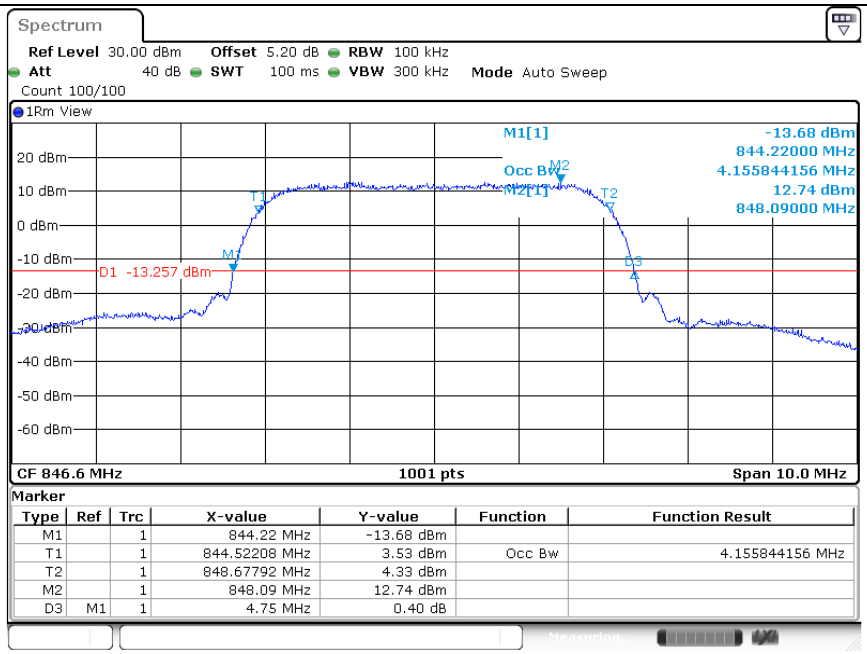
HSUPA Mode:



Channel 9262



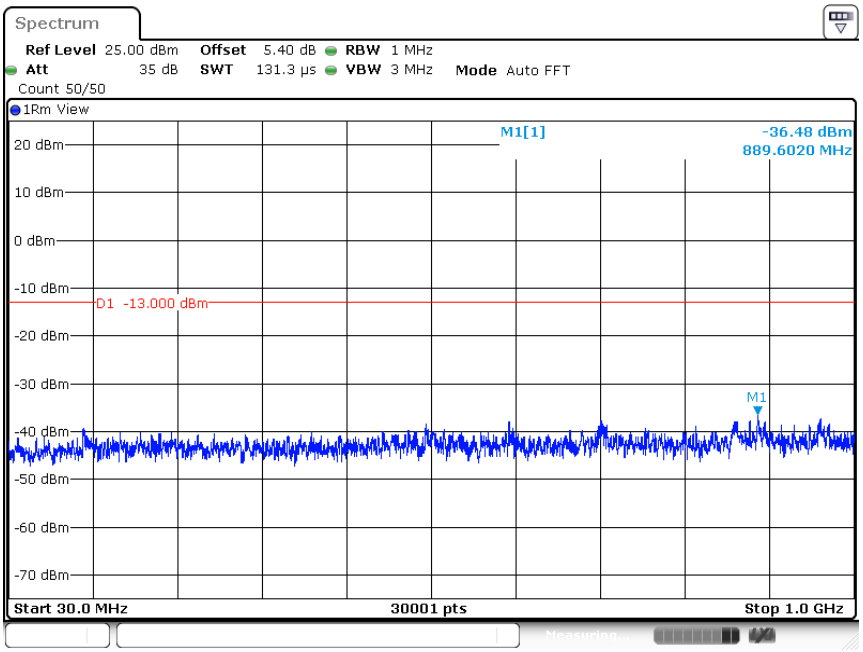
Channel 9400



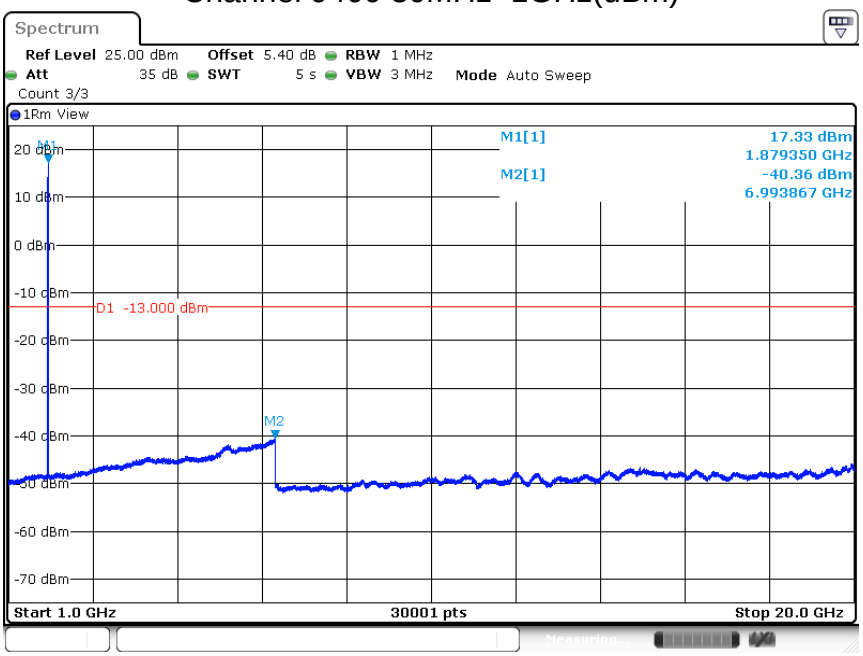
Channel 9538

4 Spurious Emissions at antenna terminal

WCDMA band II



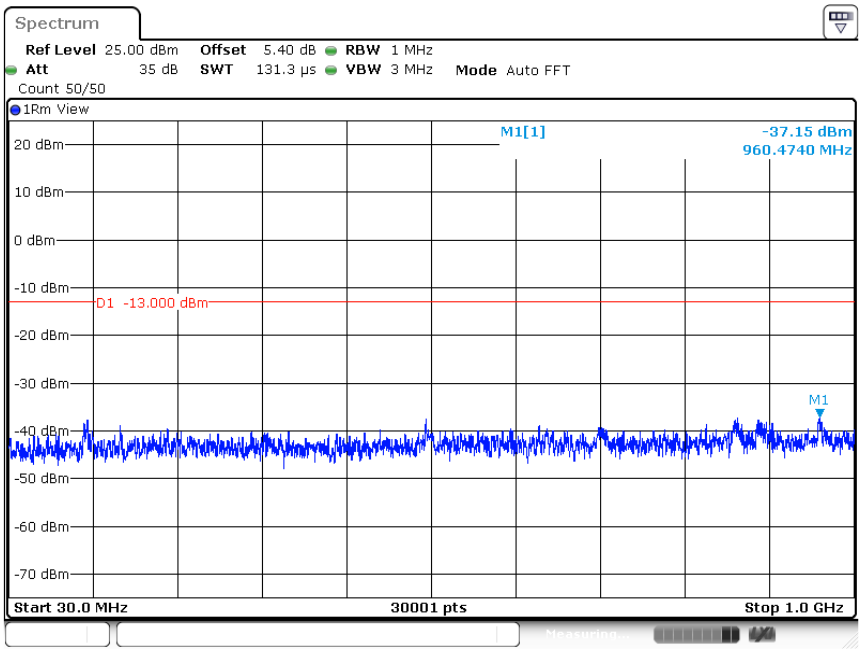
Channel 9400 30MHz~1GHz(dBm)



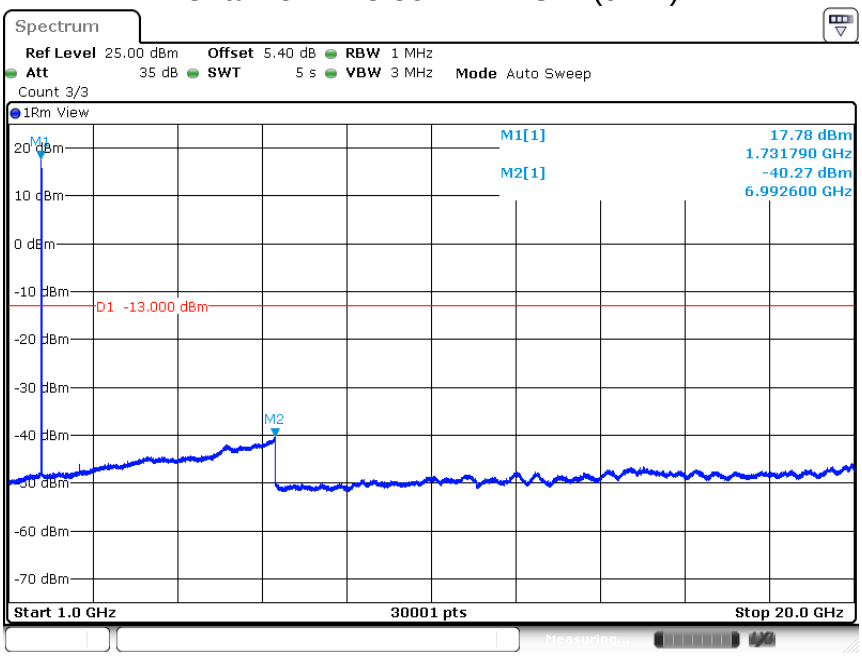
Channel 9400 1GHz~20GHz(dBm)

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

WCDMA band IV



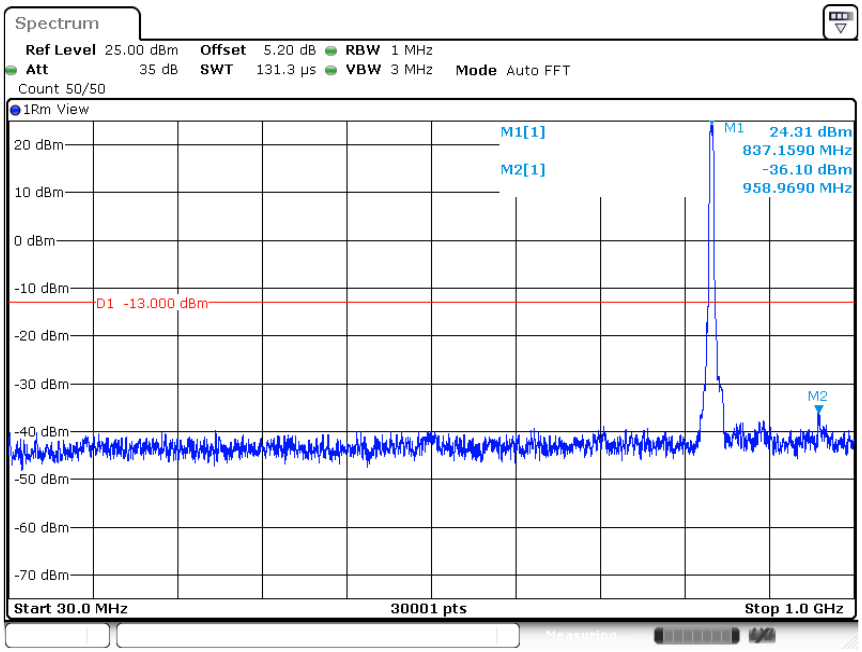
Channel 1413 30MHz~1GHz(dBm)



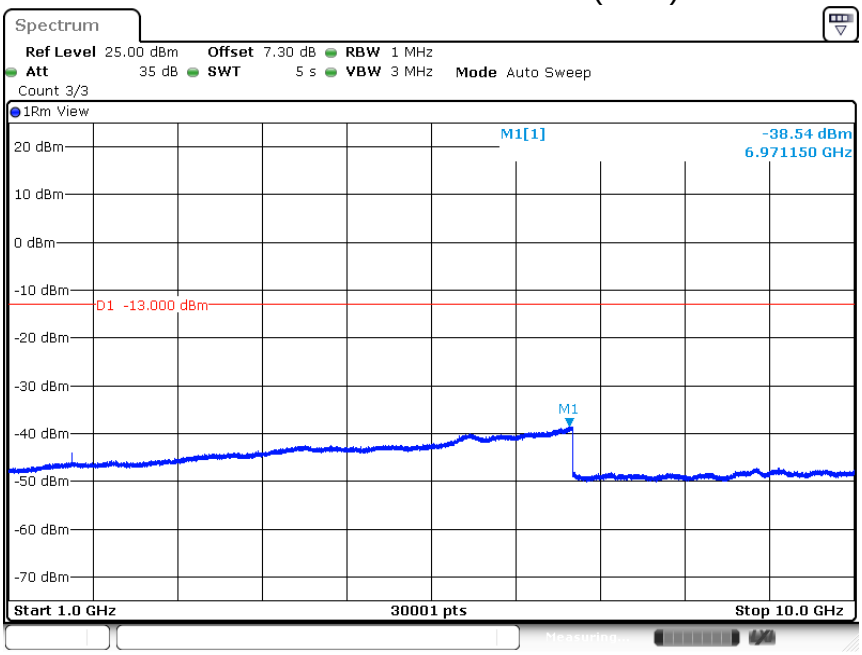
Channel 1413 1GHz~20GHz(dBm)

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

WCDMA band V



Channel 4182 30MHz~1GHz(dBm)

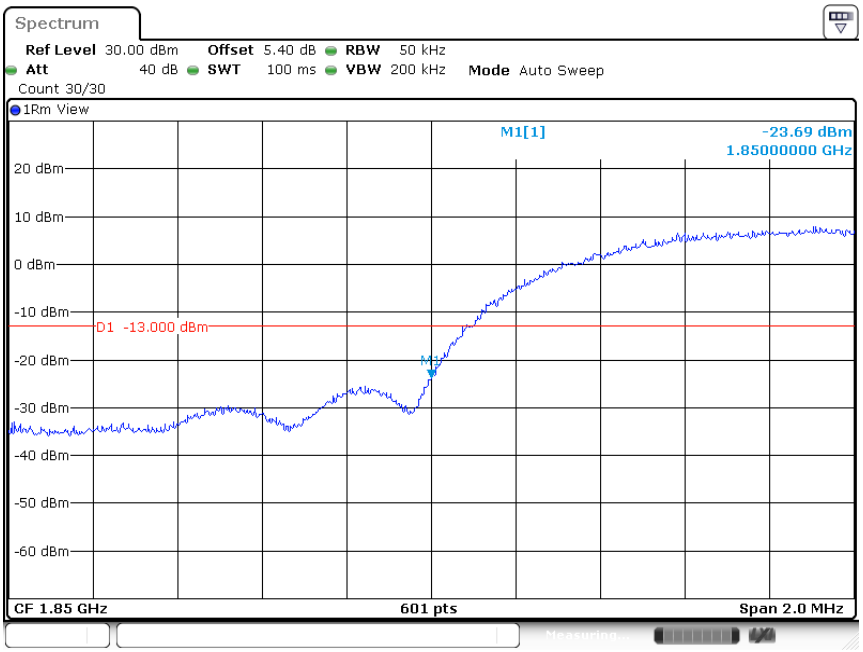


Channel 4182 1GHz~10GHz(dBm)

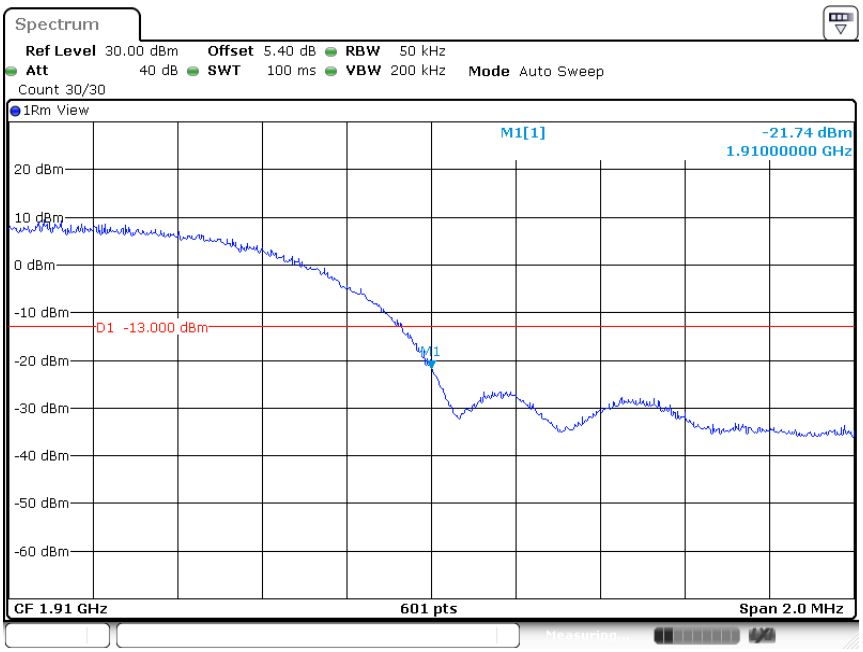
Note: The signal beyond the limit is the signal transmitted by EUT.

5 Band Edges Compliance

WCDMA band II

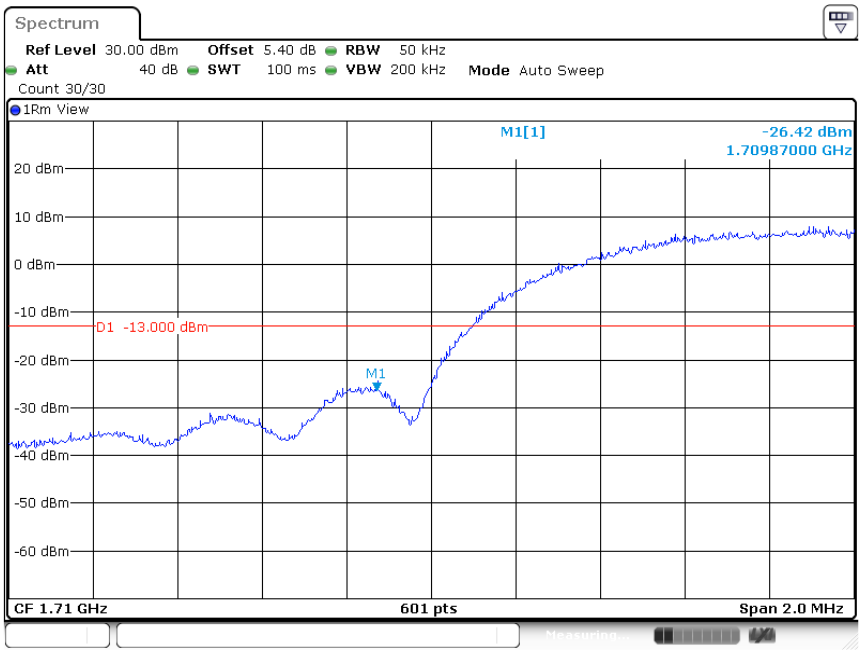


Channel 9262

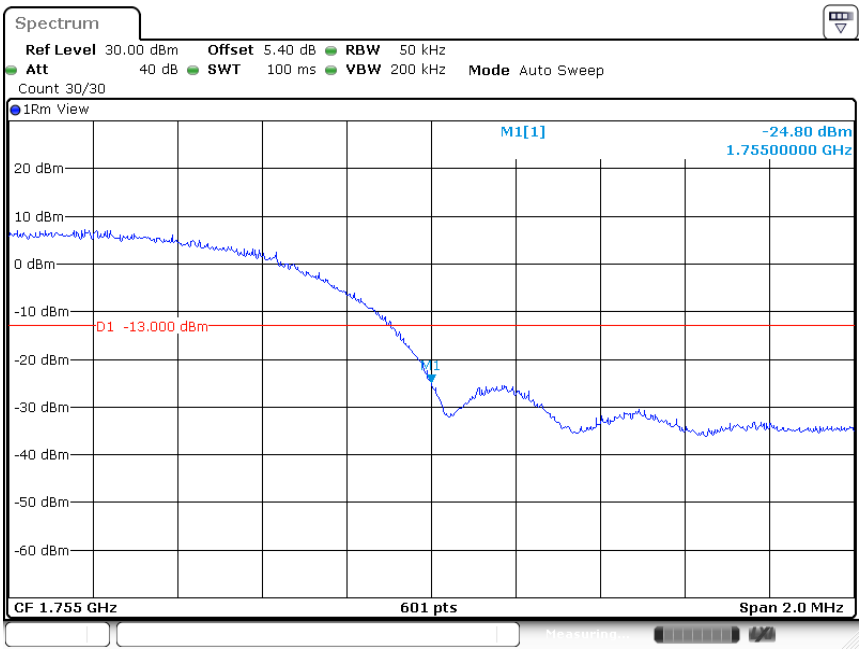


Channel 9538

WCDMA band IV

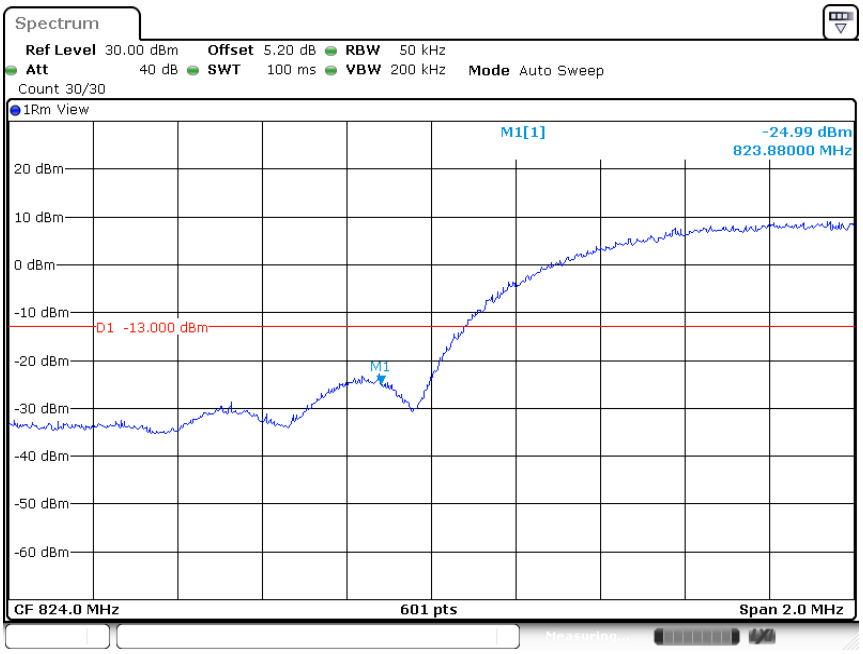


Channel 1312

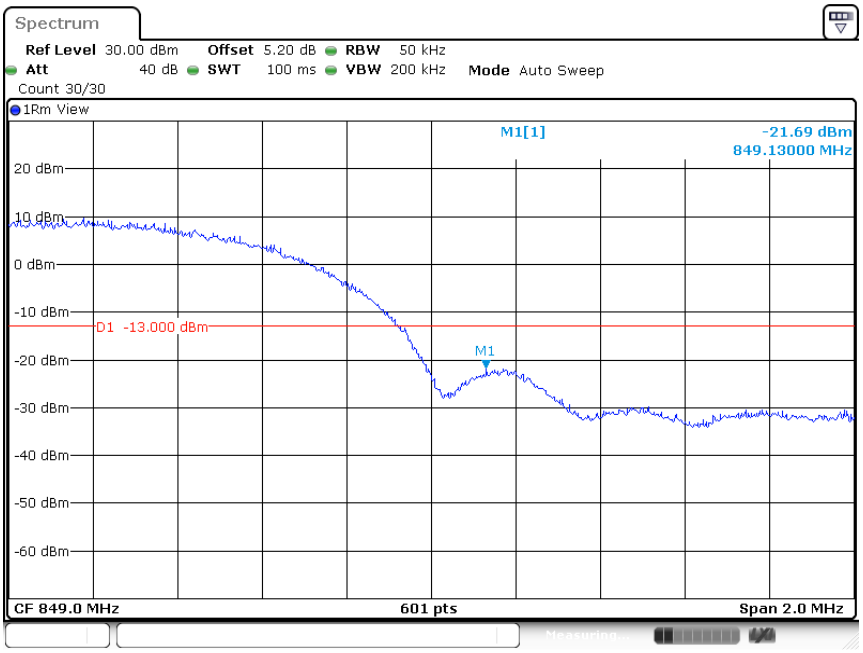


Channel 1513

WCDMA band V



Channel 4132



Channel 4233

6 Frequency Stability

WCDMA band II

Temperature(°C)	Test Result (ppm)@NV		
	Channel 9262	Channel 9400	Channel 9538
-30	0.009	-0.001	0.004
-20	0.009	-0.001	0.004
-10	0.007	0.000	0.008
0	0.001	-0.004	0.009
+10	0.002	0.007	0.007
+20	0.000	0.000	0.000
+30	0.004	0.003	0.005
+40	-0.003	0.005	-0.007
+50	-0.002	-0.004	0.008
Voltage	Test Result (ppm)@NT		
	Channel 9262	Channel 9400	Channel 9538
LV	0.006	-0.010	0.005
HV	-0.002	-0.006	0.005

WCDMA band IV

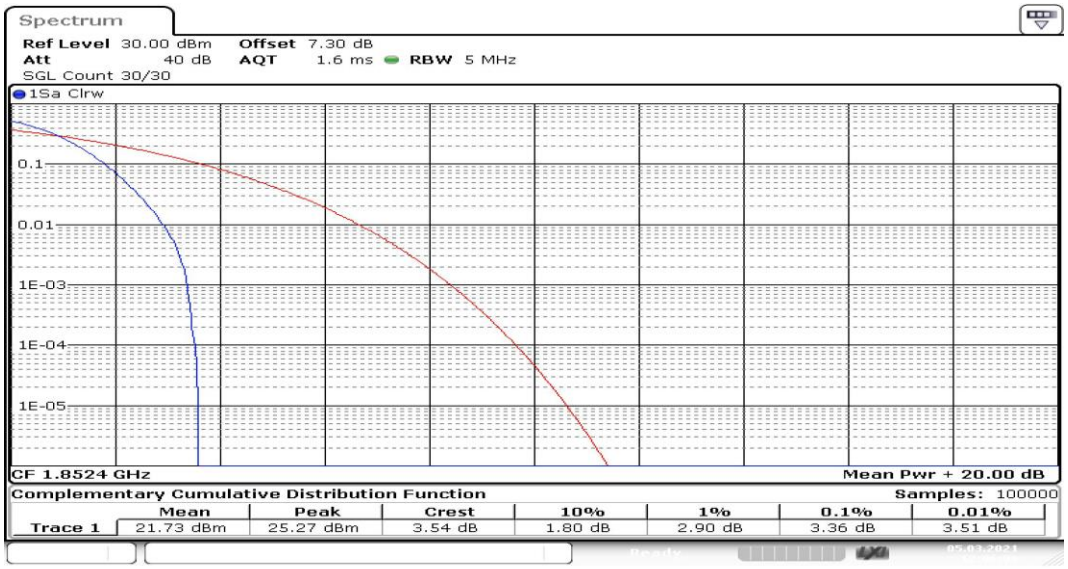
Temperature(°C)	Test Result (ppm)@NV		
	Channel 1312	Channel 1413	Channel 1513
-30	-0.005	0.009	0.005
-20	-0.005	0.009	0.005
-10	0.005	-0.003	0.003
0	0.003	0.009	-0.007
+10	0.000	-0.001	0.008
+20	0.000	0.000	0.000
+30	-0.004	0.002	0.006
+40	0.001	-0.007	-0.004
+50	0.003	-0.006	0.004
Voltage	Test Result (ppm)@NT		
	Channel 1312	Channel 1413	Channel 1513
LV	0.003	0.001	0.011
HV	-0.003	-0.005	-0.001

WCDMA band V

Temperature(°C)	Test Result (ppm)@NV		
	Channel 4132	Channel 4182	Channel 4233
-30	-0.007	0.003	0.004
-20	-0.007	0.003	0.004
-10	-0.005	-0.004	0.009
0	-0.010	0.004	0.008
+10	-0.005	0.010	0.003
+20	0.000	0.000	0.000
+30	0.001	-0.002	-0.005
+40	0.007	0.002	-0.004
+50	-0.010	0.007	-0.009
Voltage	Test Result (ppm)@NT		
	Channel 4132	Channel 4182	Channel 4233
LV	0.001	-0.002	-0.005
HV	0.007	0.002	-0.004

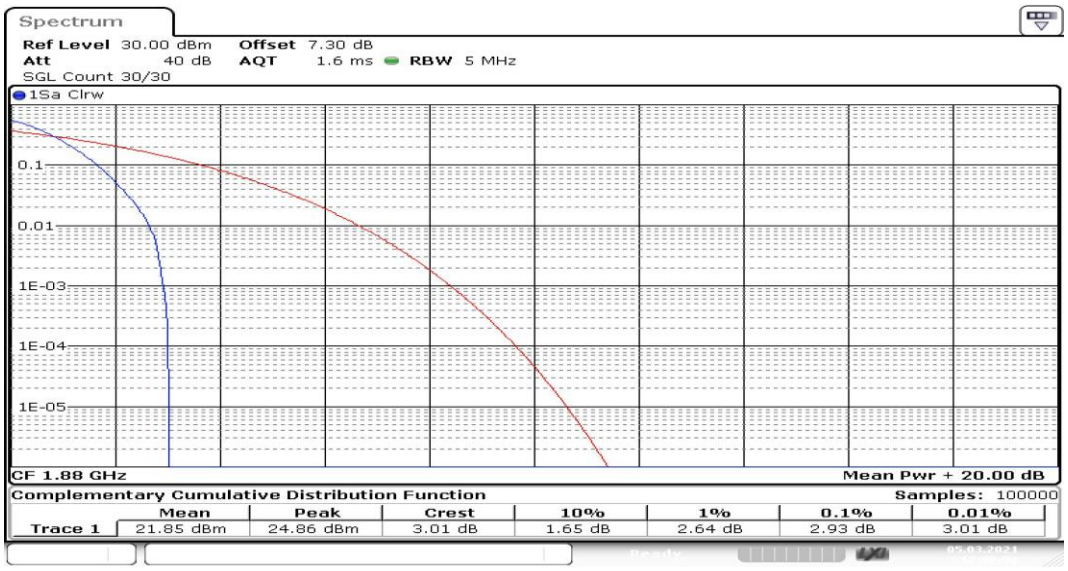
7 Peak-Average Ratio

WCDMA band II



Date: 5.MAR.2021 12:06:08

Channel 9262



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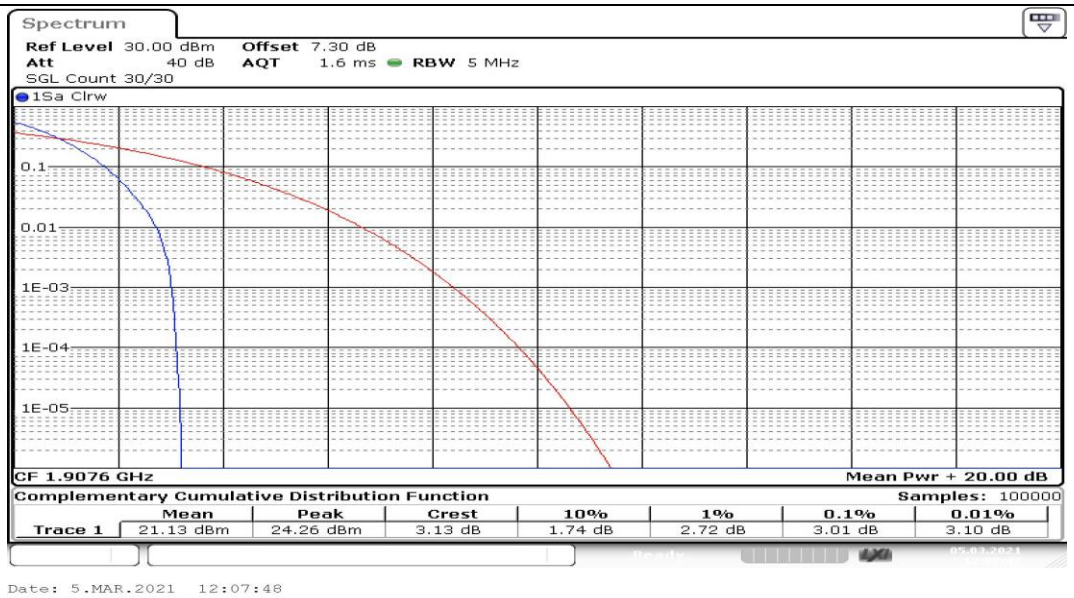
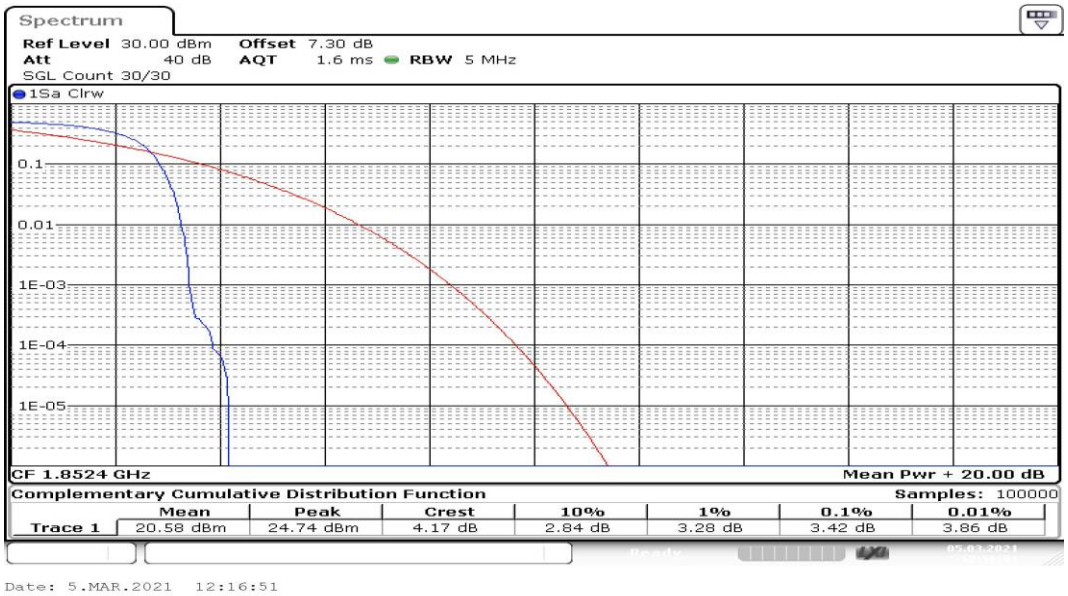
Channel 9400

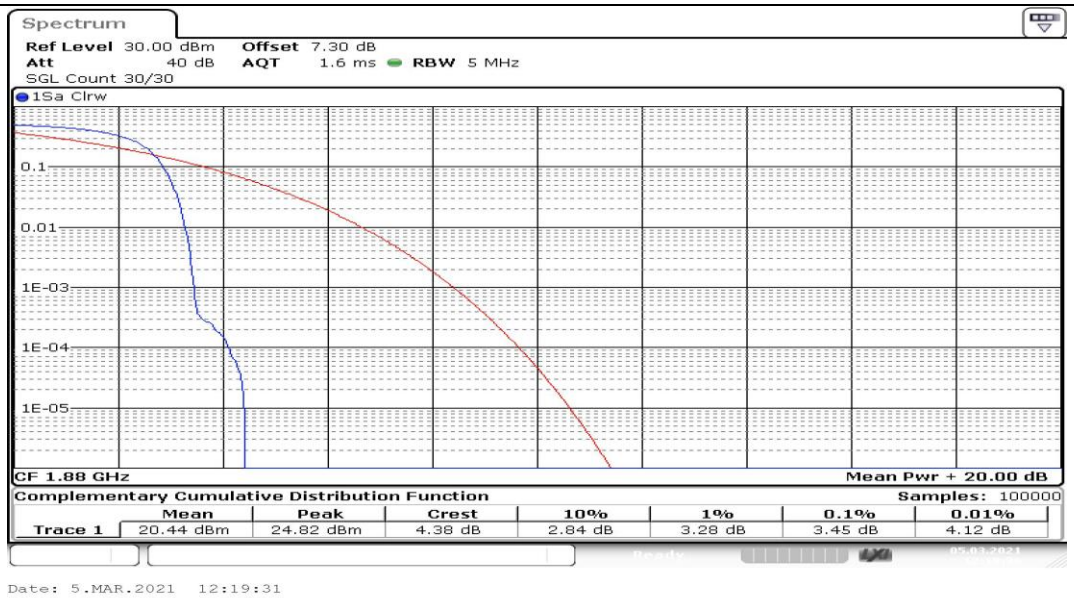


Channel 9538

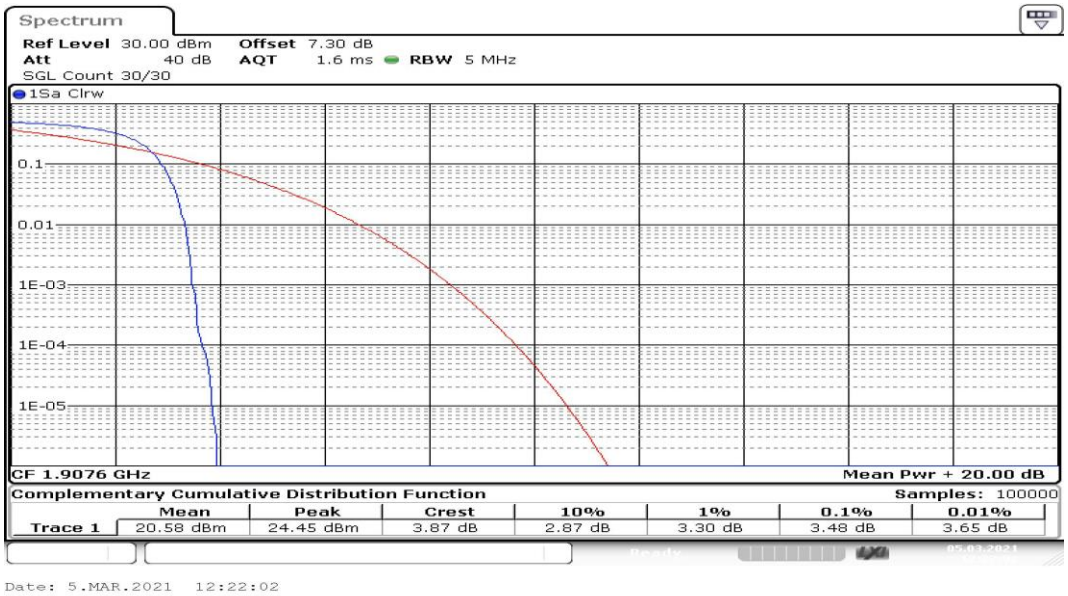
WCDMA band IV



Channel 1312

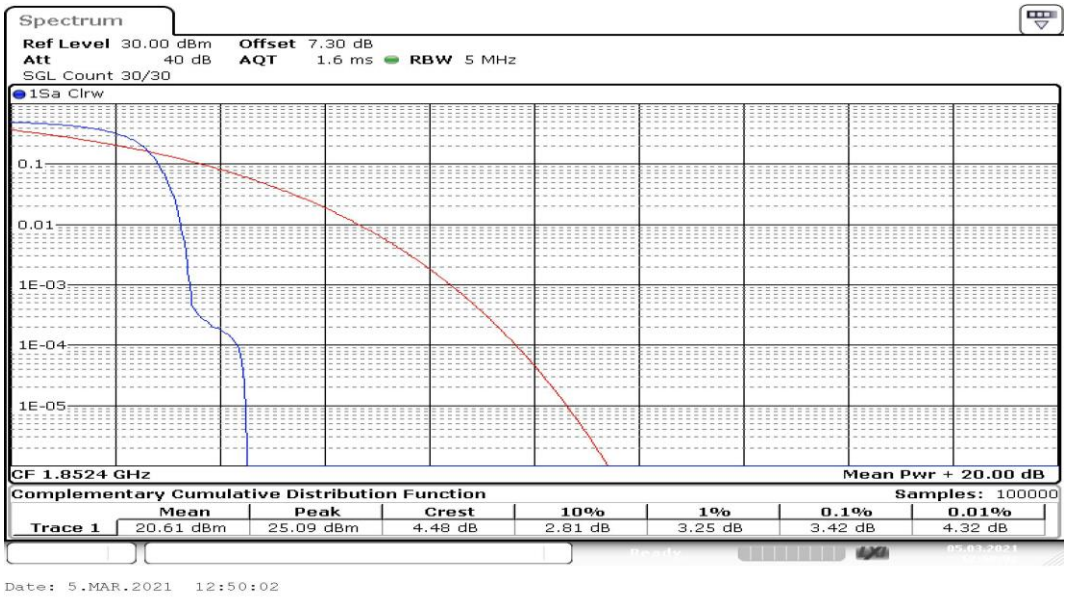


Channel 1413

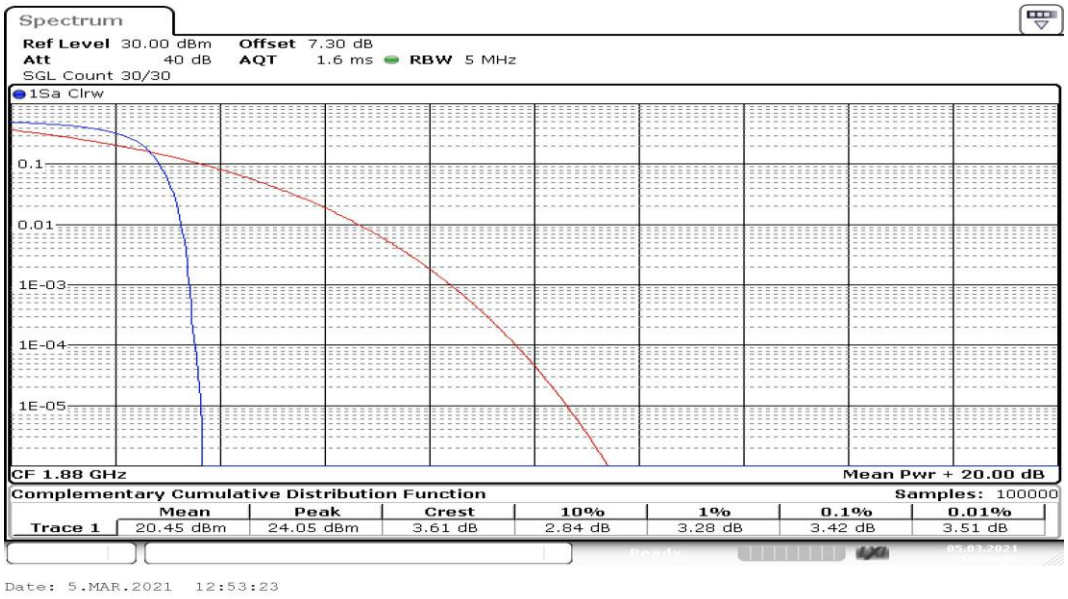


Channel 1513

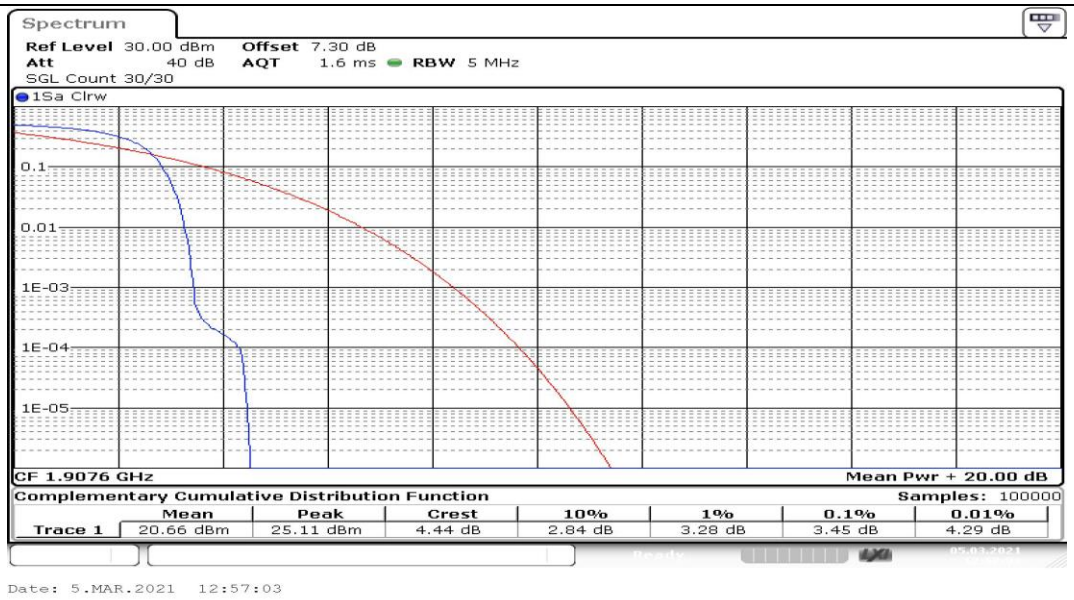
WCDMA band V



Channel 4132



Channel 4182



Channel 4233

8 Effective Radiated Power and Effective Isotropic Radiated Power

WCDMA band II

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Release 99	RMC,12.2 kbps	1852.4	9262	23.07	20.01	0.100
		1880	9400	23.06	20	0.100
		1907.6	9538	23.15	20.09	0.102

WCDMA band IV

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Release 99	RMC,12.2 kbps	1712.4	1312	23.03	20.23	0.105
		1732.6	1413	23.08	20.28	0.107
		1752.6	1513	22.96	20.16	0.104

WCDMA band V

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
Release 99	RMC,12.2 kbps	826.4	4132	23.04	17.43	0.055
		836.6	4182	23.05	17.44	0.055
		846.6	4233	22.99	17.38	0.055

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