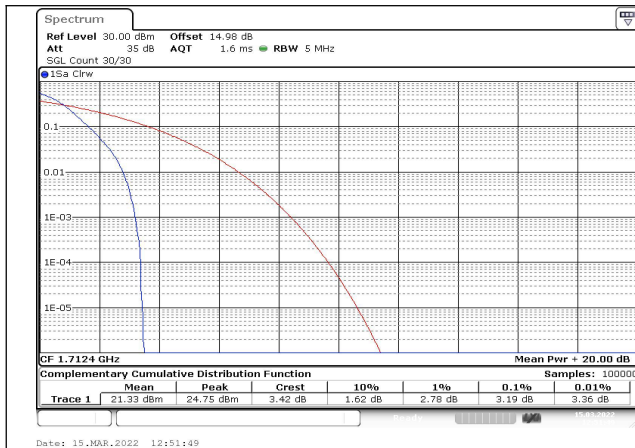


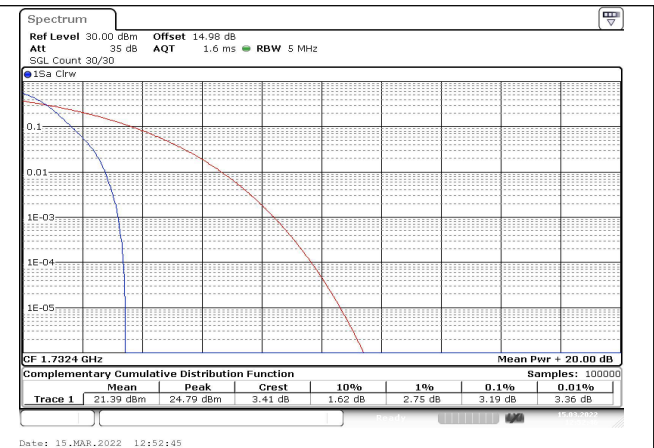
7. Peak-Average Ratio

WCDMA band IV

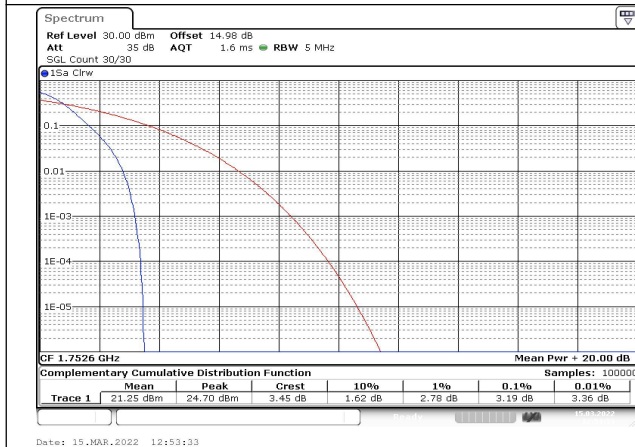
Test Mode: Release 99



Channel 1312

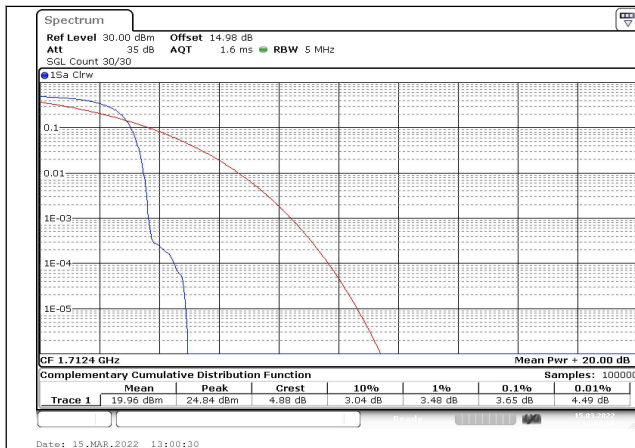


Channel 1412

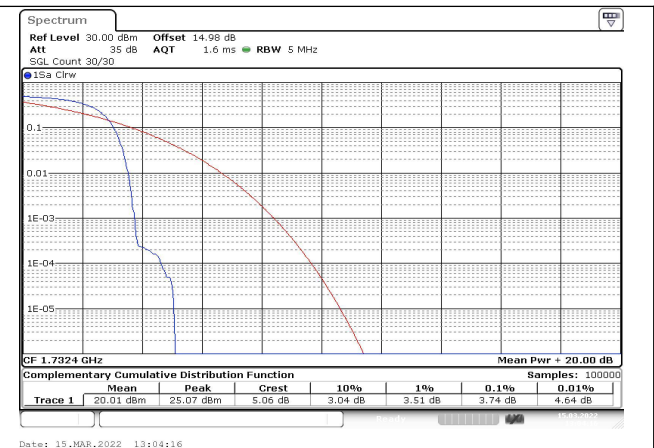


Channel 1513

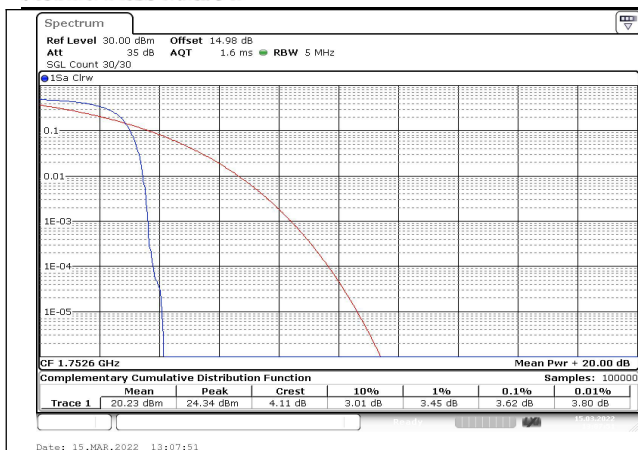
Test Mode: HSDPA



Channel 1312

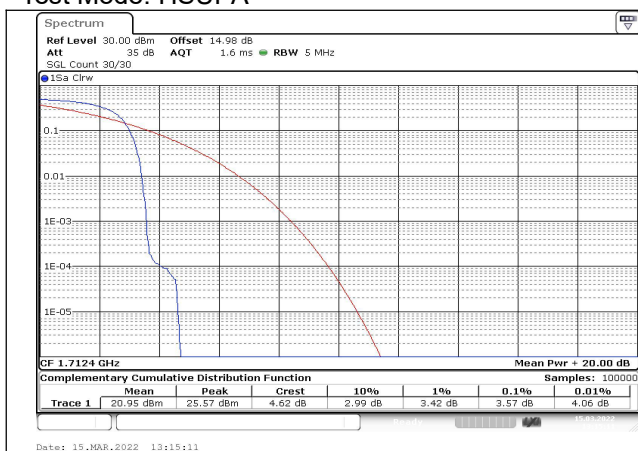


Channel 1412

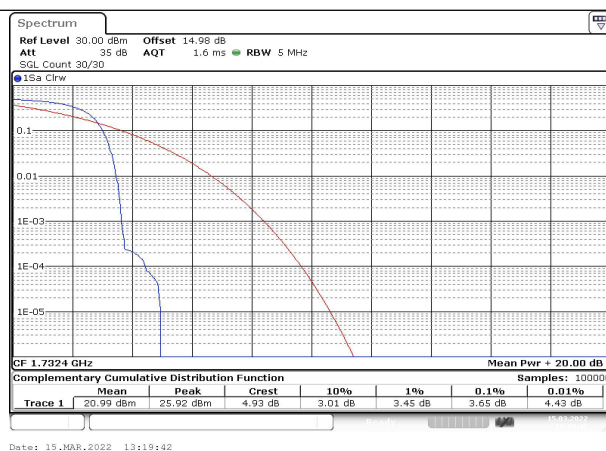


Channel 1513

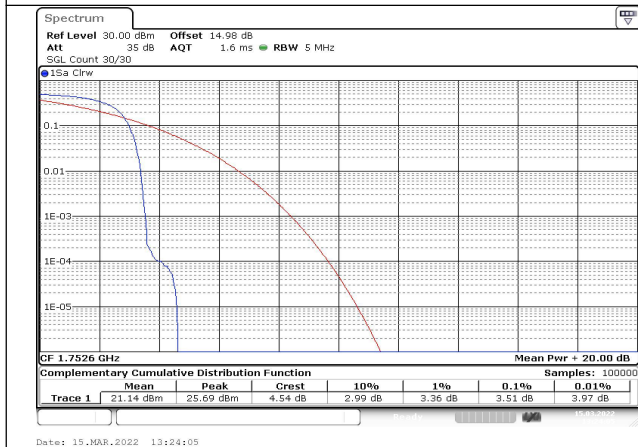
Test Mode: HSUPA



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,12.2kbp s	1712.4	1312	23.28	23.37	0.217
Release 99	RMC,12.2kbp s	1732.6	1412	23.15	23.24	0.211
Release 99	RMC,12.2kbp s	1752.6	1513	23.03	23.12	0.205

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSDPA	Subtest1	1712.4	1312	21.23	21.32	0.136
HSDPA	Subtest1	1732.6	1412	21.06	21.15	0.130
HSDPA	Subtest1	1752.6	1513	21.48	21.57	0.144
HSDPA	Subtest2	1712.4	1312	21.64	21.73	0.149
HSDPA	Subtest2	1732.6	1412	21.61	21.70	0.148
HSDPA	Subtest2	1752.6	1513	21.86	21.95	0.157
HSDPA	Subtest3	1712.4	1312	21.86	21.95	0.157
HSDPA	Subtest3	1732.6	1412	21.61	21.70	0.148
HSDPA	Subtest3	1752.6	1513	21.87	21.96	0.157
HSDPA	Subtest4	1712.4	1312	21.88	21.97	0.157
HSDPA	Subtest4	1732.6	1412	21.80	21.89	0.155
HSDPA	Subtest4	1752.6	1513	22.01	22.10	0.162

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSUPA	Subtest1	1712.4	1312	22.87	22.96	0.198
HSUPA	Subtest1	1732.6	1412	22.75	22.84	0.192
HSUPA	Subtest1	1752.6	1513	22.91	23.00	0.200
HSUPA	Subtest2	1712.4	1312	22.86	22.95	0.197
HSUPA	Subtest2	1732.6	1412	22.76	22.85	0.193
HSUPA	Subtest2	1752.6	1513	22.91	23.00	0.200
HSUPA	Subtest3	1712.4	1312	22.86	22.95	0.197
HSUPA	Subtest3	1732.6	1412	22.77	22.86	0.193
HSUPA	Subtest3	1752.6	1513	22.85	22.94	0.197
HSUPA	Subtest4	1712.4	1312	22.86	22.95	0.197

HSUPA	Subtest4	1732.6	1412	22.77	22.86	0.193
HSUPA	Subtest4	1752.6	1513	22.86	22.95	0.197
HSUPA	Subtest5	1712.4	1312	22.82	22.91	0.195
HSUPA	Subtest5	1732.6	1412	22.67	22.76	0.189
HSUPA	Subtest5	1752.6	1513	22.88	22.97	0.198

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
HSPA+	QPSK	1712.4	1312	22.9	22.99	0.199
HSPA+	QPSK	1732.6	1412	22.56	22.65	0.184
HSPA+	QPSK	1752.6	1513	22.88	22.97	0.198
HSPA+	16QAM	1712.4	1312	22.80	22.89	0.195
HSPA+	16QAM	1732.6	1412	22.71	22.80	0.191
HSPA+	16QAM	1752.6	1513	22.88	22.97	0.198

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DC-HSDPA	Subtest1	1712.4	1312	22.88	22.97	0.198
DC-HSDPA	Subtest1	1732.6	1412	22.74	22.83	0.192
DC-HSDPA	Subtest1	1752.6	1513	22.91	23.00	0.200
DC-HSDPA	Subtest2	1712.4	1312	22.87	22.96	0.198
DC-HSDPA	Subtest2	1732.6	1412	22.74	22.83	0.192
DC-HSDPA	Subtest2	1752.6	1513	22.92	23.01	0.200
DC-HSDPA	Subtest3	1712.4	1312	22.86	22.95	0.197
DC-HSDPA	Subtest3	1732.6	1412	22.60	22.69	0.186
DC-HSDPA	Subtest3	1752.6	1513	22.92	23.01	0.200
DC-HSDPA	Subtest4	1712.4	1312	22.87	22.96	0.198
DC-HSDPA	Subtest4	1732.6	1412	22.76	22.85	0.193
DC-HSDPA	Subtest4	1752.6	1513	22.62	22.71	0.187

1. RF Power Output

WCDMA band V

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
Release 99	RMC,12.2kbps	826.4	4132	23.47
Release 99	RMC,12.2kbps	836.6	4183	23.45
Release 99	RMC,12.2kbps	846.6	4233	23.45

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
HSDPA	Subtest1	826.4	4132	22.57
HSDPA	Subtest1	836.6	4183	22.24
HSDPA	Subtest1	846.6	4233	22.63
HSDPA	Subtest2	826.4	4132	22.26
HSDPA	Subtest2	836.6	4183	21.98
HSDPA	Subtest2	846.6	4233	22.36
HSDPA	Subtest3	826.4	4132	22.01
HSDPA	Subtest3	836.6	4183	21.72
HSDPA	Subtest3	846.6	4233	22.08
HSDPA	Subtest4	826.4	4132	21.86
HSDPA	Subtest4	836.6	4183	21.62
HSDPA	Subtest4	846.6	4233	21.98

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
HSUPA	Subtest1	826.4	4132	23.20
HSUPA	Subtest1	836.6	4183	22.88
HSUPA	Subtest1	846.6	4233	22.07
HSUPA	Subtest2	826.4	4132	23.13
HSUPA	Subtest2	836.6	4183	22.87
HSUPA	Subtest2	846.6	4233	23.25
HSUPA	Subtest3	826.4	4132	23.13
HSUPA	Subtest3	836.6	4183	22.88
HSUPA	Subtest3	846.6	4233	23.27
HSUPA	Subtest4	826.4	4132	23.14
HSUPA	Subtest4	836.6	4183	22.89
HSUPA	Subtest4	846.6	4233	23.26
HSUPA	Subtest5	826.4	4132	23.11
HSUPA	Subtest5	836.6	4183	22.87
HSUPA	Subtest5	846.6	4233	23.25

Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
HSPA+	QPSK	826.4	4132	23.17
HSPA+	QPSK	836.6	4183	22.84
HSPA+	QPSK	846.6	4233	23.28
HSPA+	16QAM	826.4	4132	23.16
HSPA+	16QAM	836.6	4183	22.85

HSPA+	16QAM	846.6	4233	23.22
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Mode		Carrier frequency (MHz)	Channel No.	RF Power Output (dBm)
DC-HSDPA	Subtest1	826.4	4132	23.21
DC-HSDPA	Subtest1	836.6	4183	22.84
DC-HSDPA	Subtest1	846.6	4233	23.27
DC-HSDPA	Subtest2	826.4	4132	23.19
DC-HSDPA	Subtest2	836.6	4183	22.83
DC-HSDPA	Subtest2	846.6	4233	23.27
DC-HSDPA	Subtest3	826.4	4132	23.19
DC-HSDPA	Subtest3	836.6	4183	22.89
DC-HSDPA	Subtest3	846.6	4233	23.27
DC-HSDPA	Subtest4	826.4	4132	23.19
DC-HSDPA	Subtest4	836.6	4183	22.83
DC-HSDPA	Subtest4	846.6	4233	23.27

2. Occupied Bandwidth

WCDMA band V

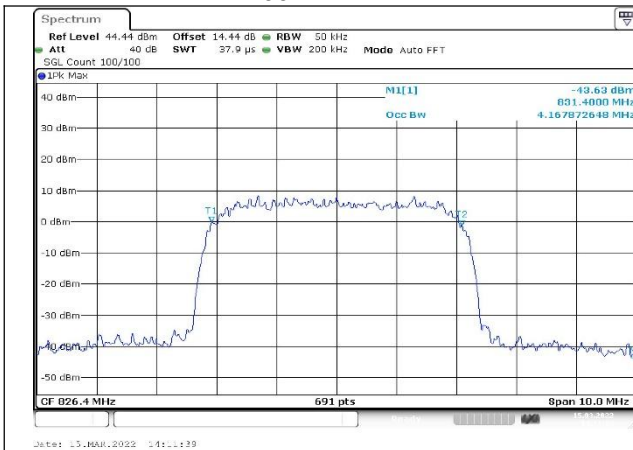
Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
Release 99	826.4	4132	4.17
Release 99	836.6	4183	4.15
Release 99	846.6	4233	4.15

Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
HSDPA	826.4	4132	4.15
HSDPA	836.6	4183	4.14
HSDPA	846.6	4233	4.14

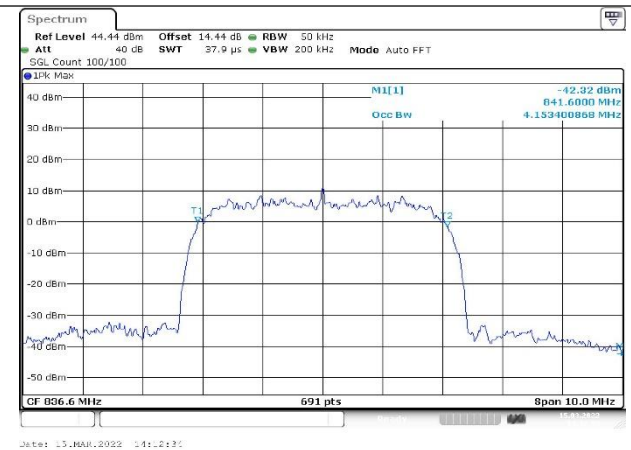
Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
HSUPA	826.4	4132	4.15
HSUPA	836.6	4183	4.12
HSUPA	846.6	4233	4.15

Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of 99% Power (MHz)
HSPA+	826.4	4132	4.17
HSPA+	836.6	4183	4.14
HSPA+	846.6	4233	4.14

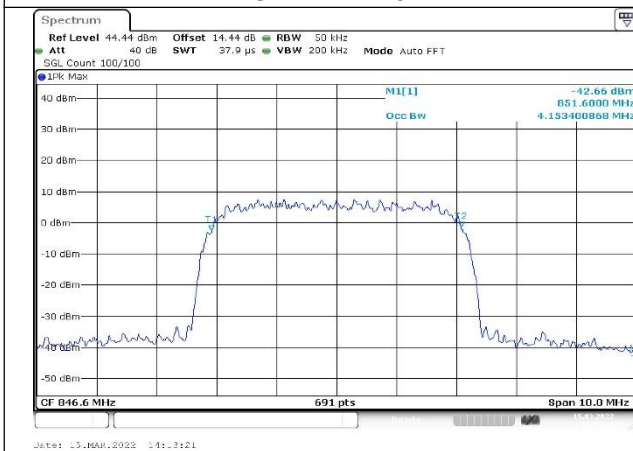
WCDMA band V
Test Mode: Release 99



Channel 4132

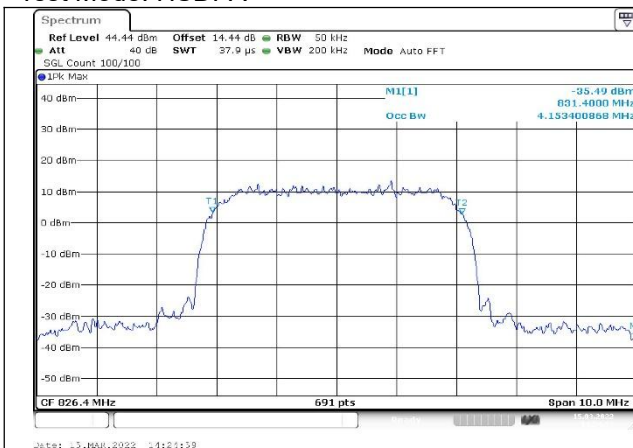


Channel 4183

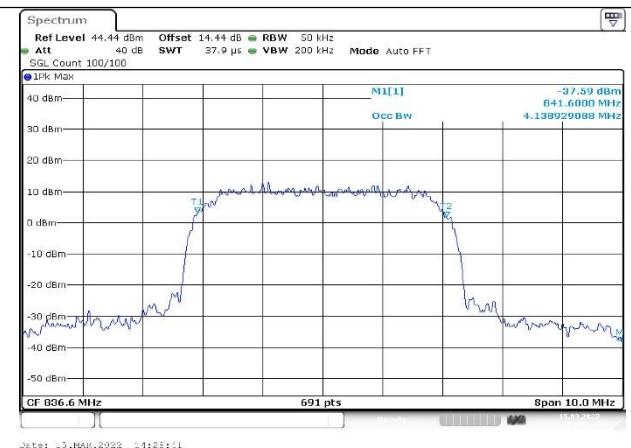


Channel 4233

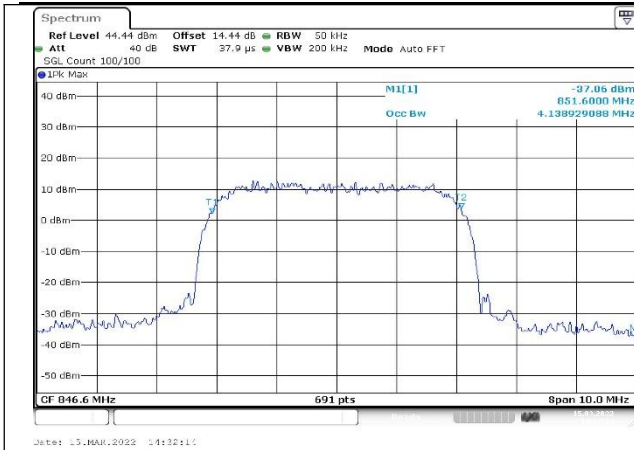
Test Mode: HSDPA



Channel 4132

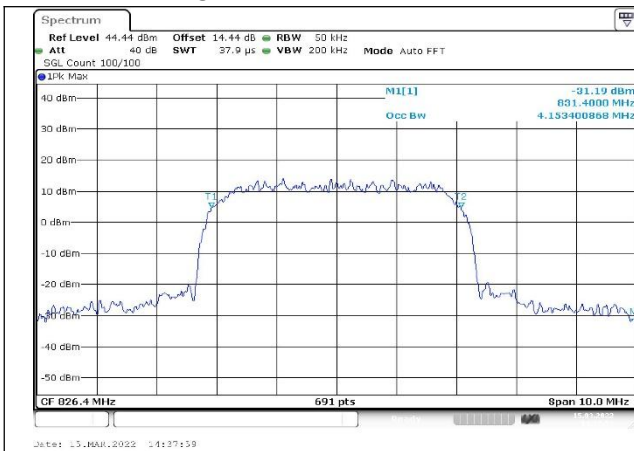


Channel 4183

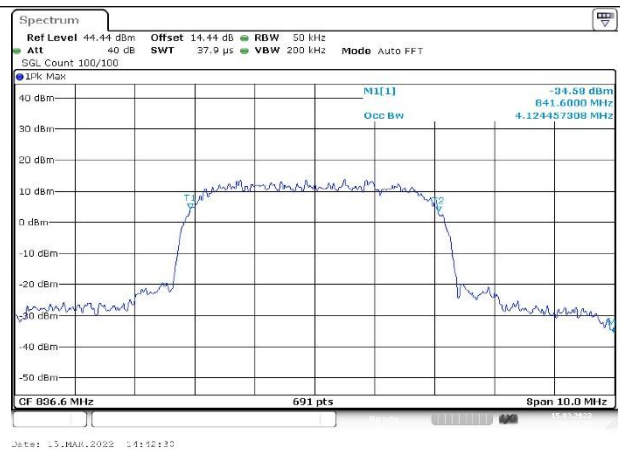


Channel 4233

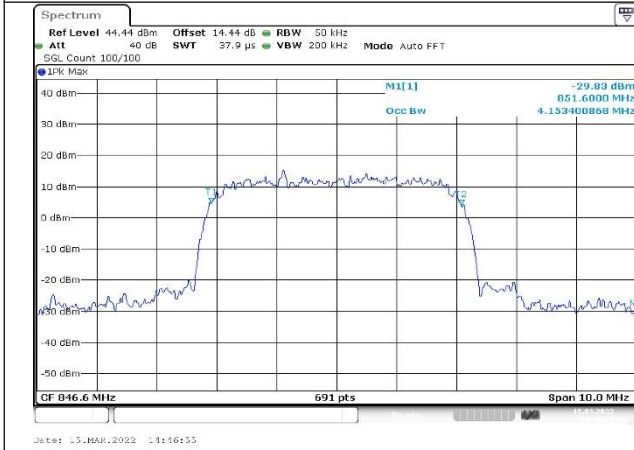
Test Mode: HSUPA



Channel 4132

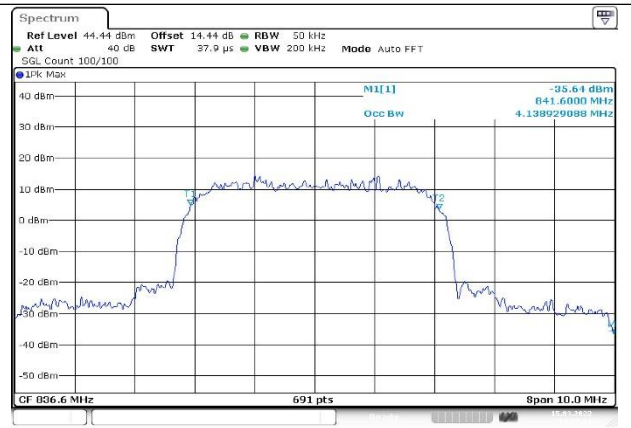
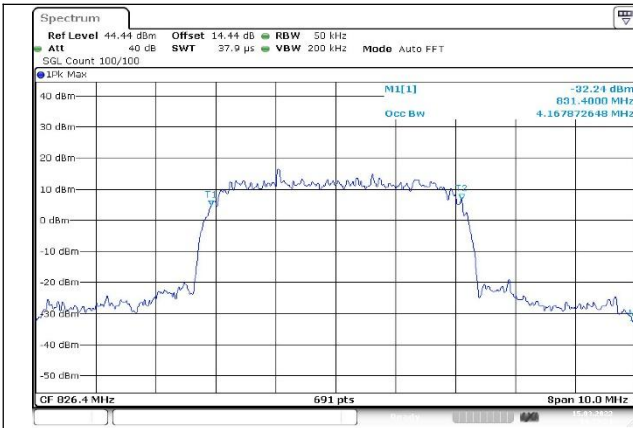


Channel 4183



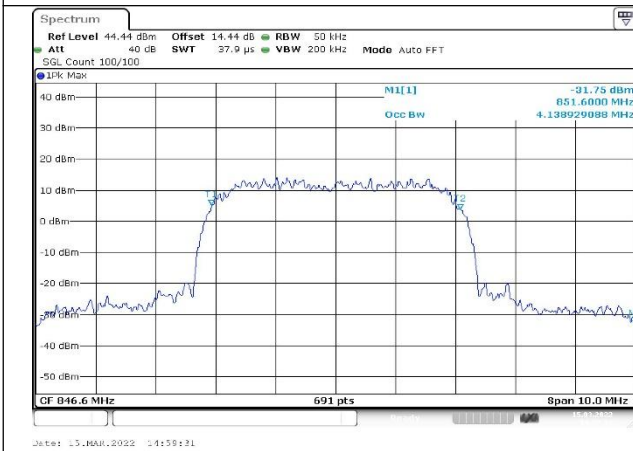
Channel 4233

Test Mode: HSPA+



Channel 4132

Channel 4183



Channel 4233

3. Emission Bandwidth

WCDMA band V

Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
Release 99	826.4	4132	4.65
Release 99	836.6	4183	4.65
Release 99	846.6	4233	4.65

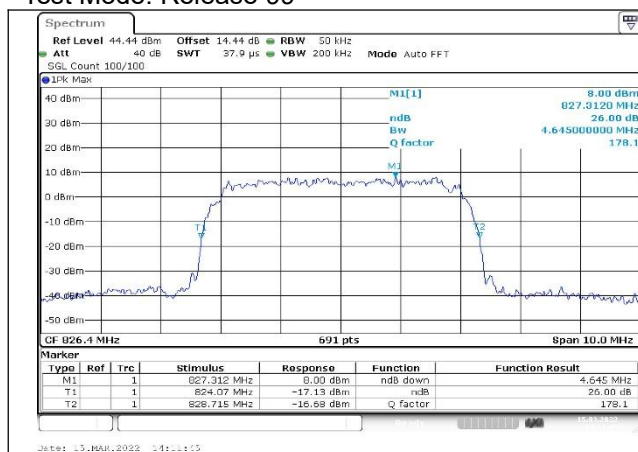
Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
HSDPA	826.4	4132	4.63
HSDPA	836.6	4183	4.63
HSDPA	846.6	4233	4.65

Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
HSUPA	826.4	4132	4.63
HSUPA	836.6	4183	4.63
HSUPA	846.6	4233	4.65

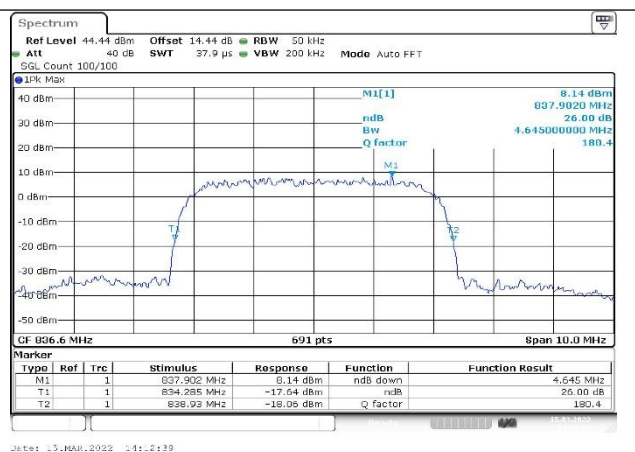
Mode	Carrier frequency (MHz)	Channel No.	Bandwidth of -26dBc Power (MHz)
HSPA+	826.4	4132	4.62
HSPA+	836.6	4183	4.62
HSPA+	846.6	4233	4.63

WCDMA band V

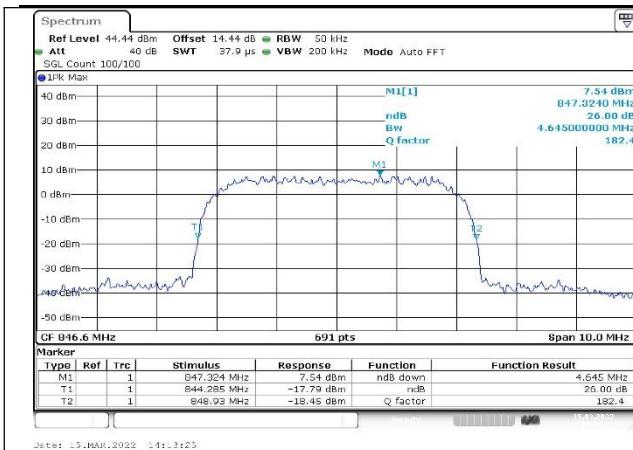
Test Mode: Release 99



Channel 4132

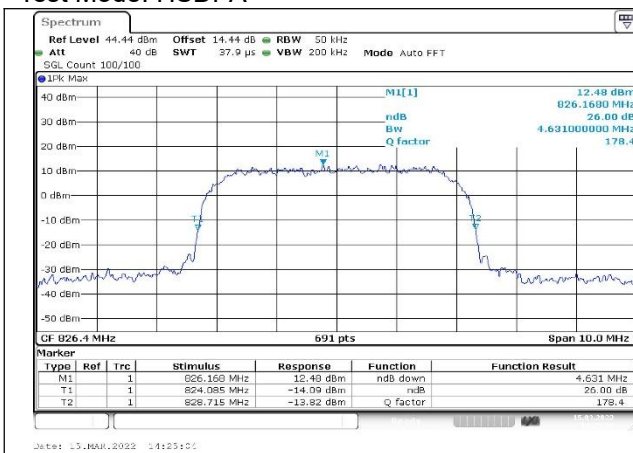


Channel 4183

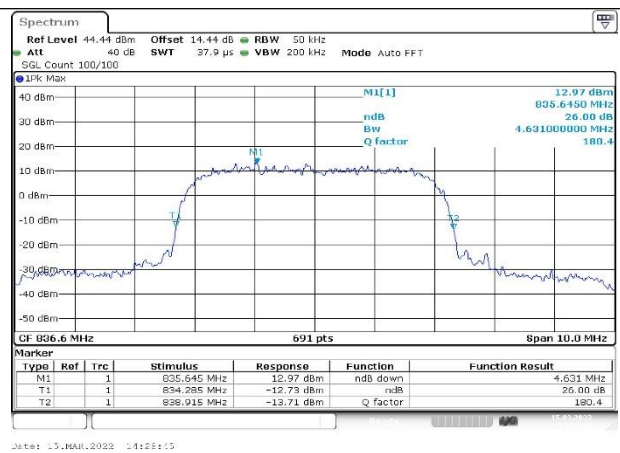


Channel 4233

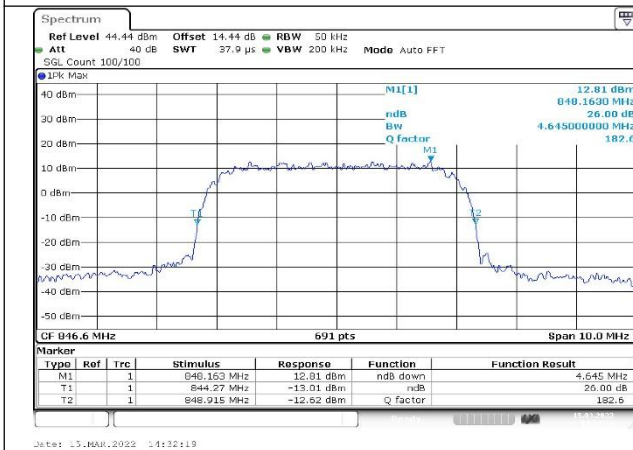
Test Mode: HSDPA



Channel 4132

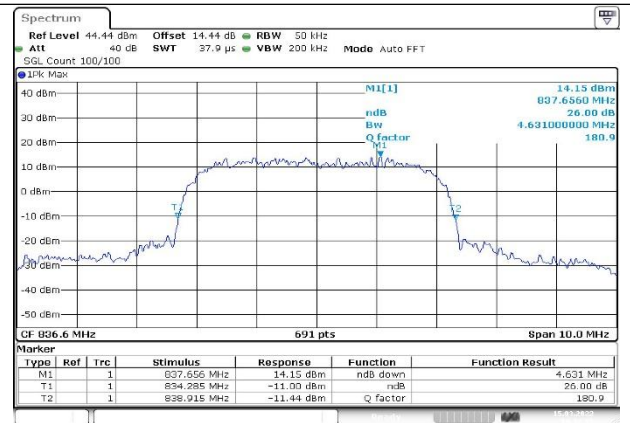
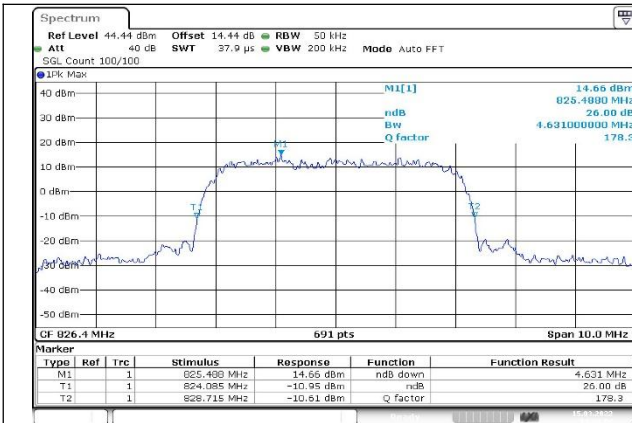


Channel 4183

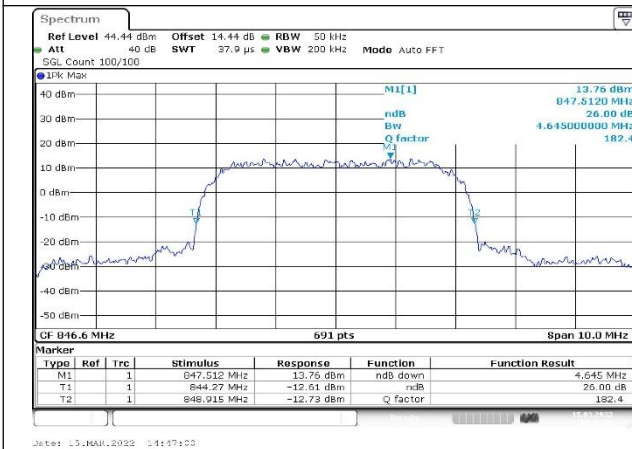


Channel 4233

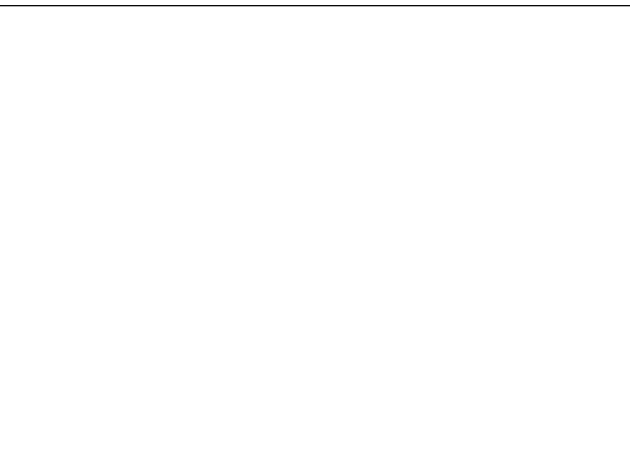
Test Mode: HSPA



Channel 4132

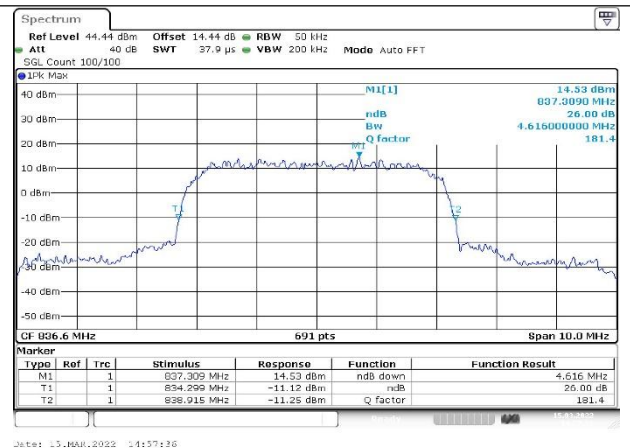
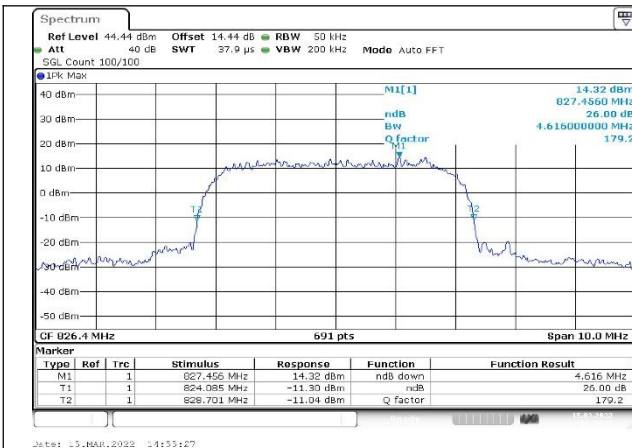


Channel 4183



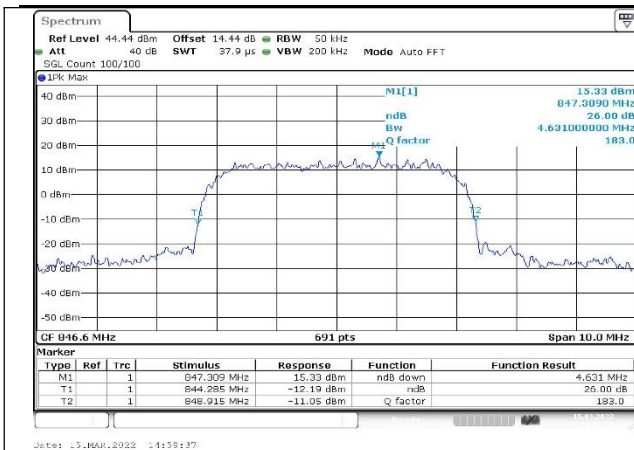
Channel 4233

Test Mode: HSPA+



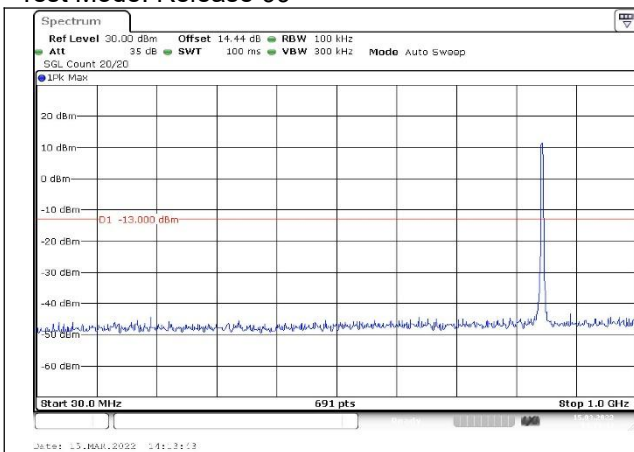
Channel 4132

Channel 4183

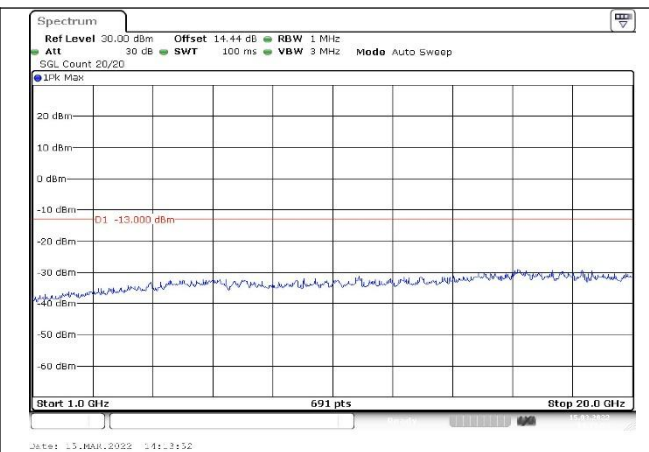


Channel 4233

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



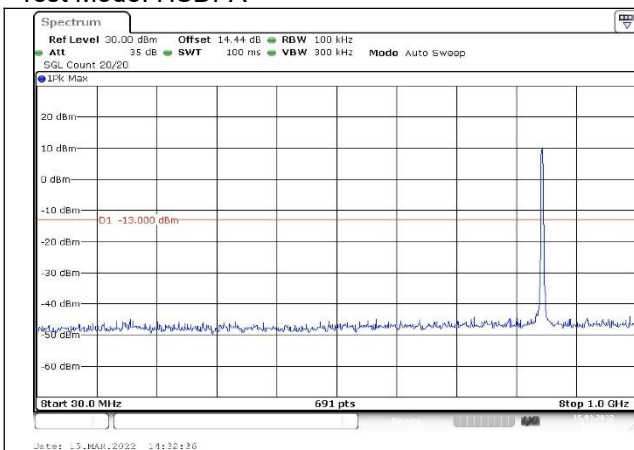
Channel 4132 30MHz~1GHz(dBm)



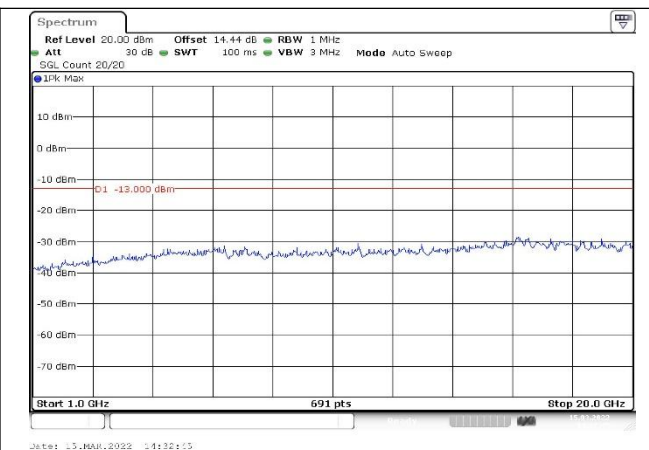
Channel 4132 1GHz~20GHz(dBm)

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

Test Mode: HSDPA



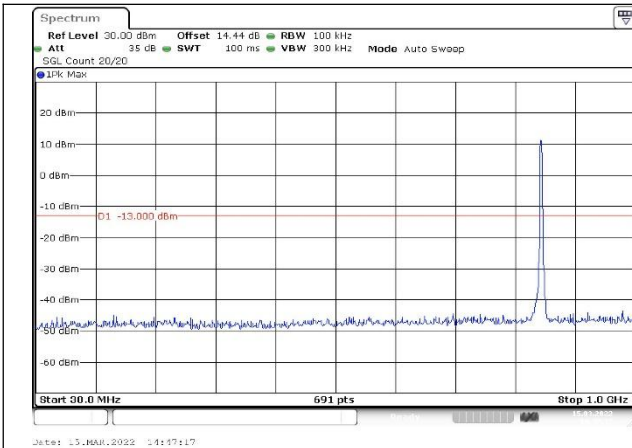
Channel 4132 30MHz~1GHz(dBm)



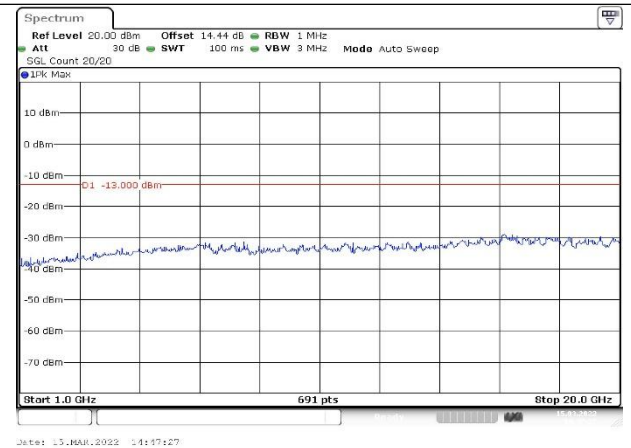
Channel 4132 1GHz~20GHz(dBm)

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

Test Mode: HSPA



Channel 4132 30MHz~1GHz(dBm)



Channel 4132 1GHz~20GHz(dBm)

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

5. Band Edges Compliance

WCDMA band V

Test Mode: Release 99



Channel 4132



Channel 4233

Test Mode: HSDPA

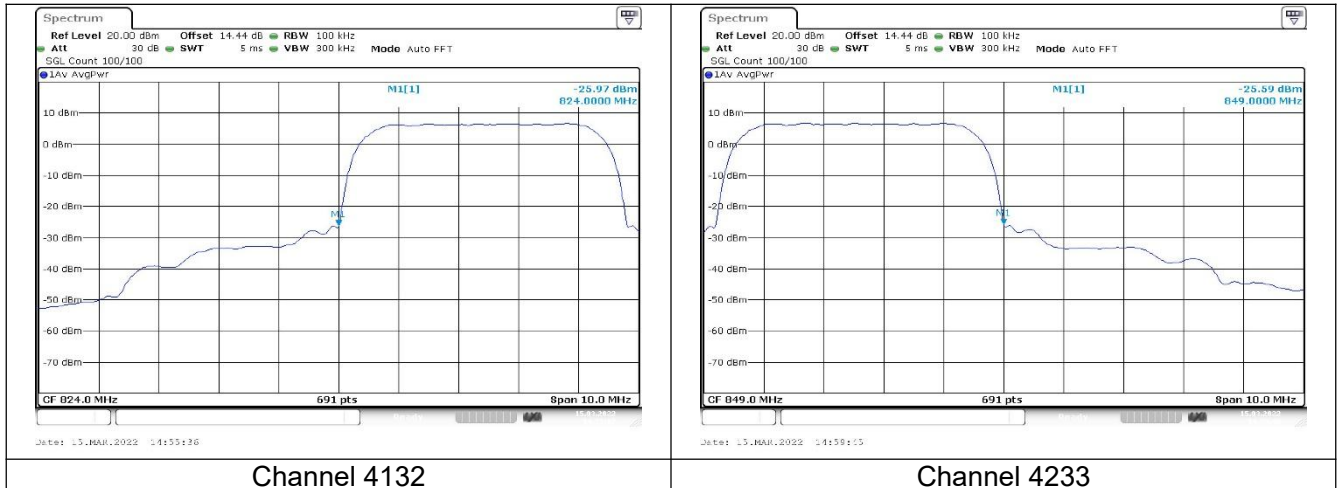


Channel 4132

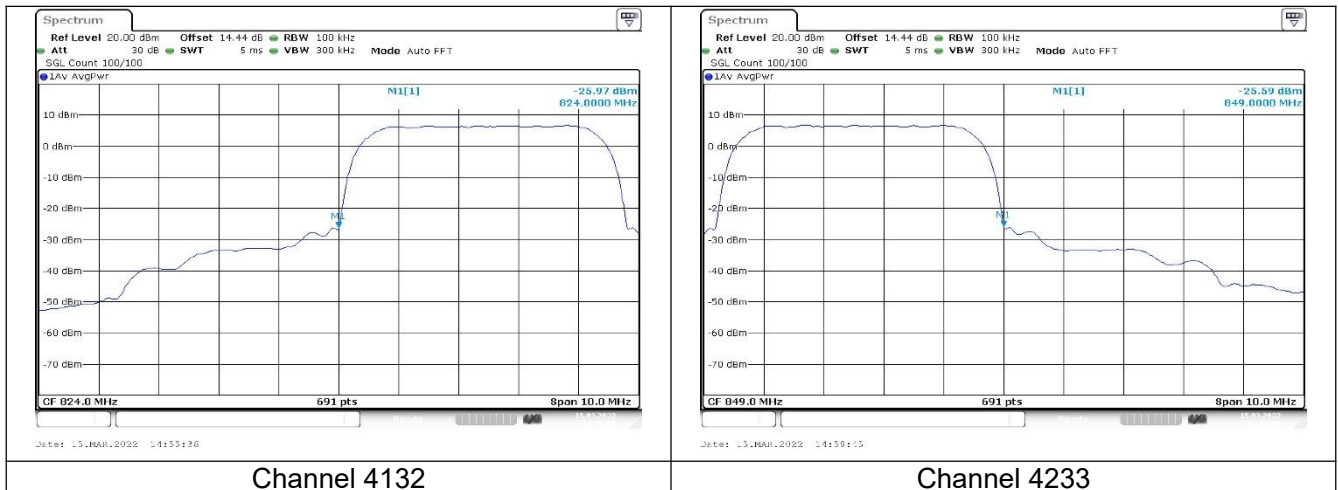


Channel 4233

Test Mode: HSUPA



Test Mode: HSPA+



6. Frequency Stability

WCDMA band V

Test Mode: Release 99

Mode	Temperature(°C)	Test Result (ppm)@NV		
		Channel 4132	Channel 4183	Channel 4233
Release 99	-10	-0.400	0.230	0.240
Release 99	-0	-0.480	-0.130	-0.030
Release 99	+10	0.030	0.060	0.280
Release 99	+20	0.000	0.090	0.390
Release 99	+30	-0.230	0.000	0.180
Release 99	+40	0.640	0.350	0.390
Release 99	+50	0.350	0.480	0.400

Mode	Voltage	Test Result (ppm)@NT		
		Channel 4132	Channel 4183	Channel 4233
Release 99	LV	0.150	0.250	0.580
Release 99	HV	0.050	0.500	0.240

Test Mode: HSDPA

Mode	Temperature(°C)	Test Result (ppm)@NV		
		Channel 4132	Channel 4183	Channel 4233
Subtest1	-10	-0.520	-0.520	0.160
Subtest1	-0	-0.640	-0.590	-0.230
Subtest1	+10	-0.850	-0.840	0.360
Subtest1	+20	0.000	-0.060	1.050
Subtest1	+30	-0.510	-0.620	-0.240
Subtest1	+40	-0.680	-0.470	-0.180
Subtest1	+50	-0.340	-0.390	0.430
Mode	Voltage	Test Result (ppm)@NT		
		Channel 4132	Channel 4183	Channel 4233
Subtest1	LV	-0.350	-0.460	0.200
Subtest1	HV	-0.550	-0.250	0.190

Test Mode: HSUPA

Mode	Temperature(°C)	Test Result (ppm)@NV		
		Channel 4132	Channel 4183	Channel 4233
Subtest1	-10	-0.190	-0.290	-0.590
Subtest1	-0	0.240	-0.380	-0.130
Subtest1	+10	-0.500	-0.610	-0.580
Subtest1	+20	0.000	0.150	0.260
Subtest1	+30	-0.790	-0.580	-0.620
Subtest1	+40	-0.830	-0.630	-0.250
Subtest1	+50	-0.480	-0.210	-0.140
Mode	Voltage	Test Result (ppm)@NT		
		Channel 4132	Channel 4183	Channel 4233
Subtest1	LV	-0.410	-0.160	-0.180
Subtest1	HV	-0.810	-0.230	-0.630