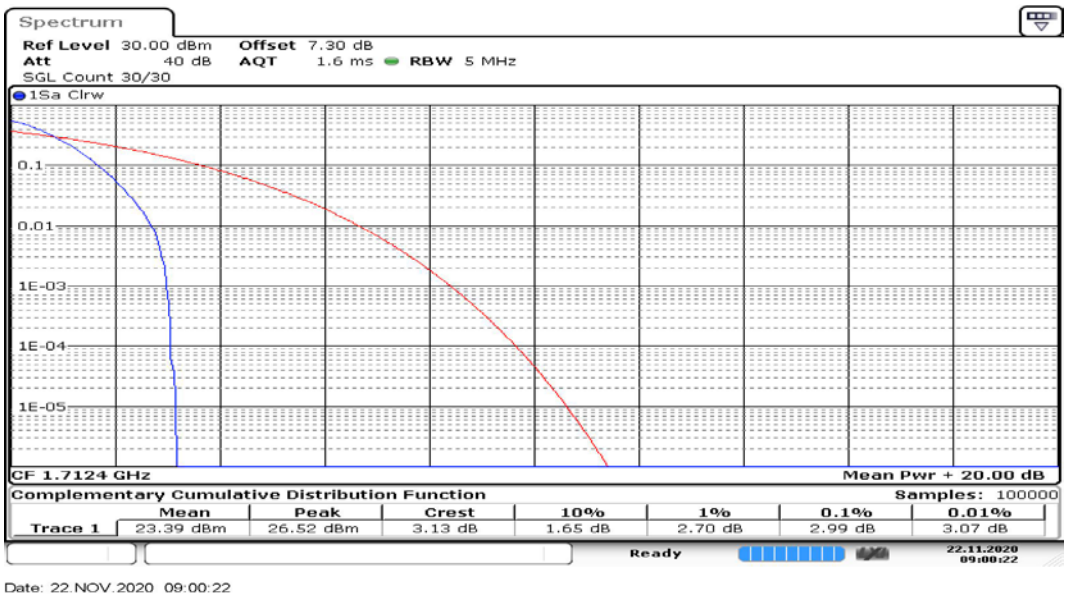
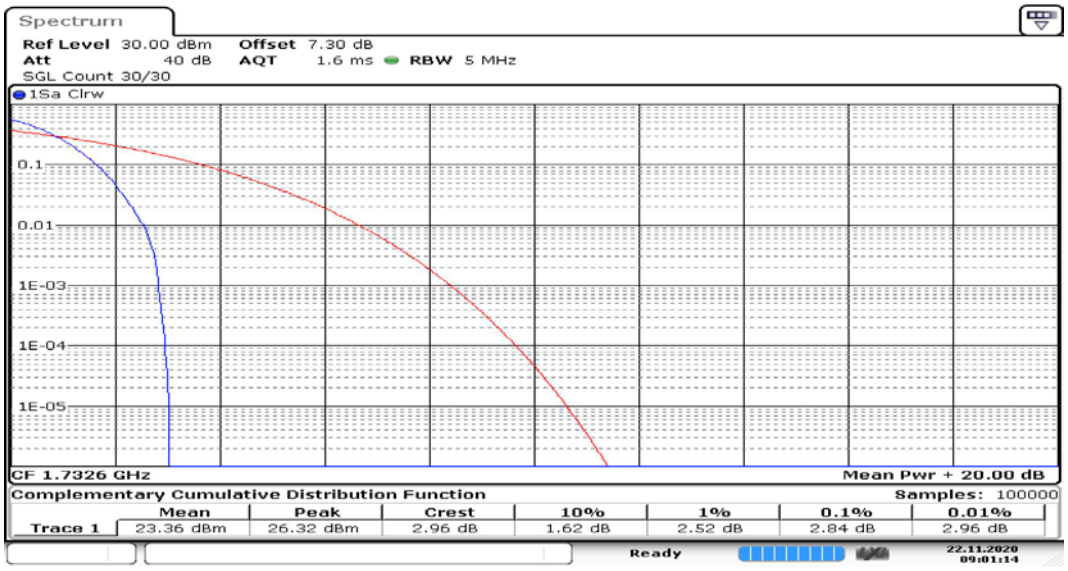
Peak-Average Ratio
WCDMA band IV
REL99 Mode:



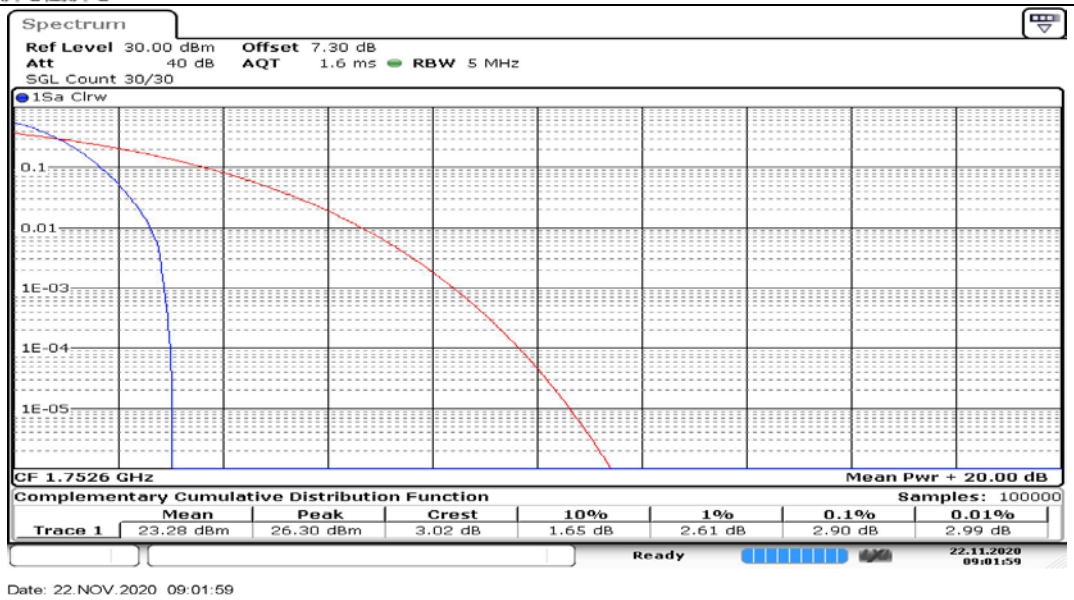
Date: 22.NOV.2020 09:00:22

Channel 1312



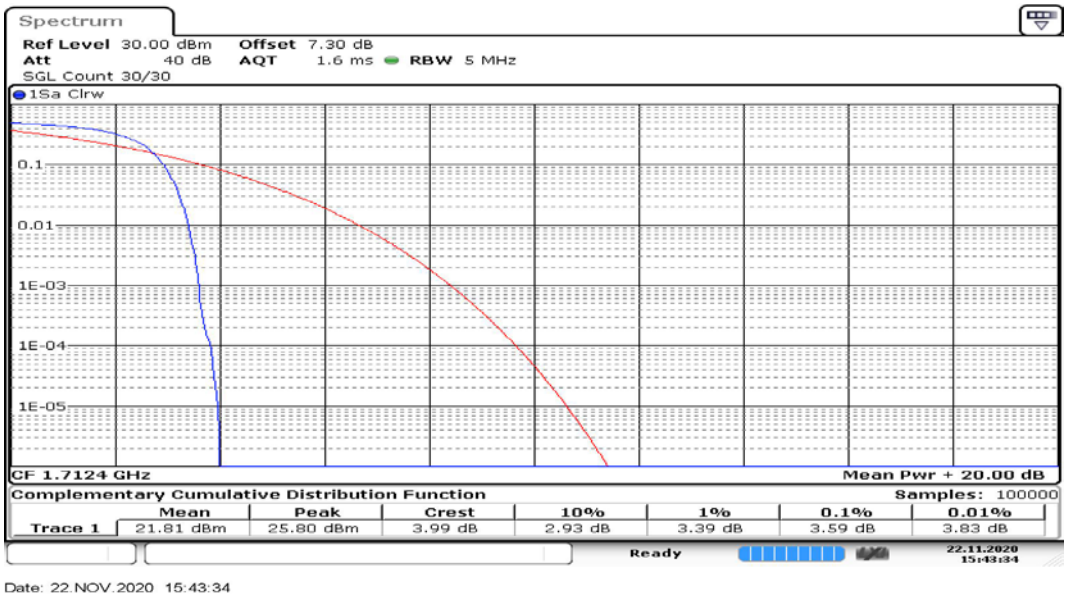
Date: 22.NOV.2020 09:01:15

Channel 1413

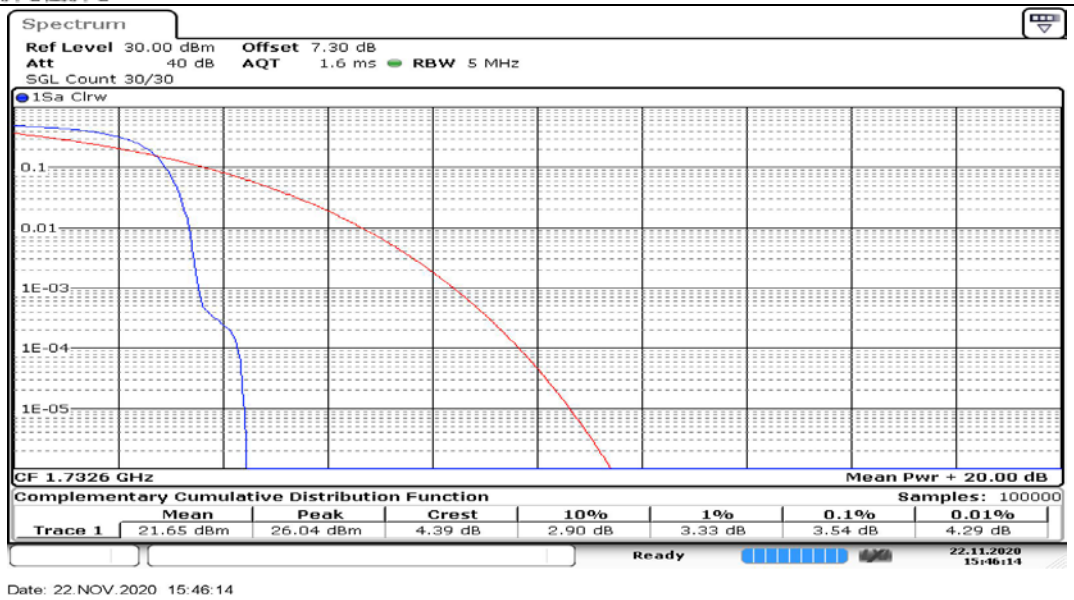


Channel 1513

HSDPA Mode:

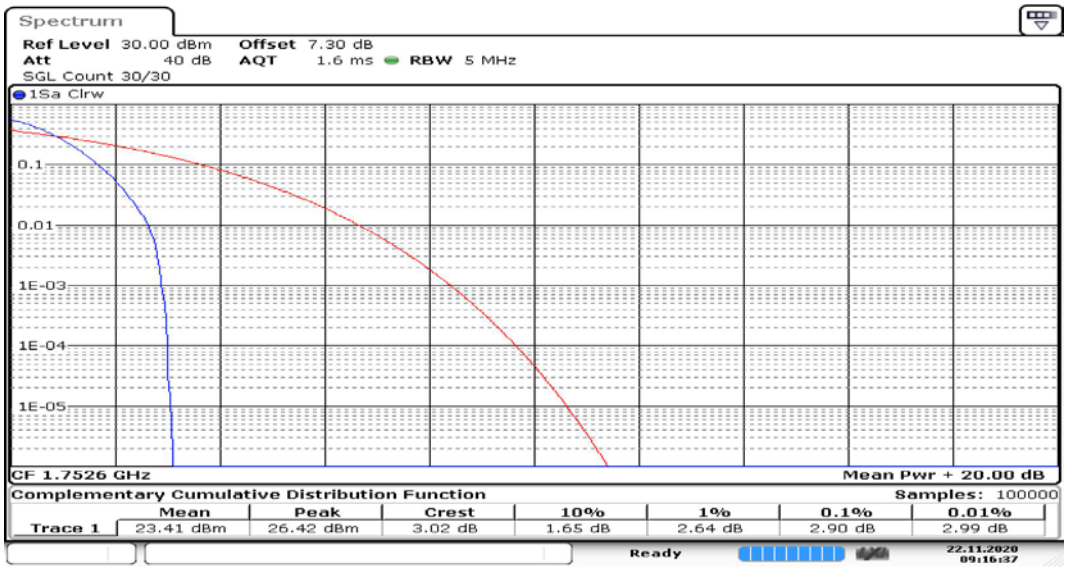


Channel 1312



Date: 22.NOV.2020 15:46:14

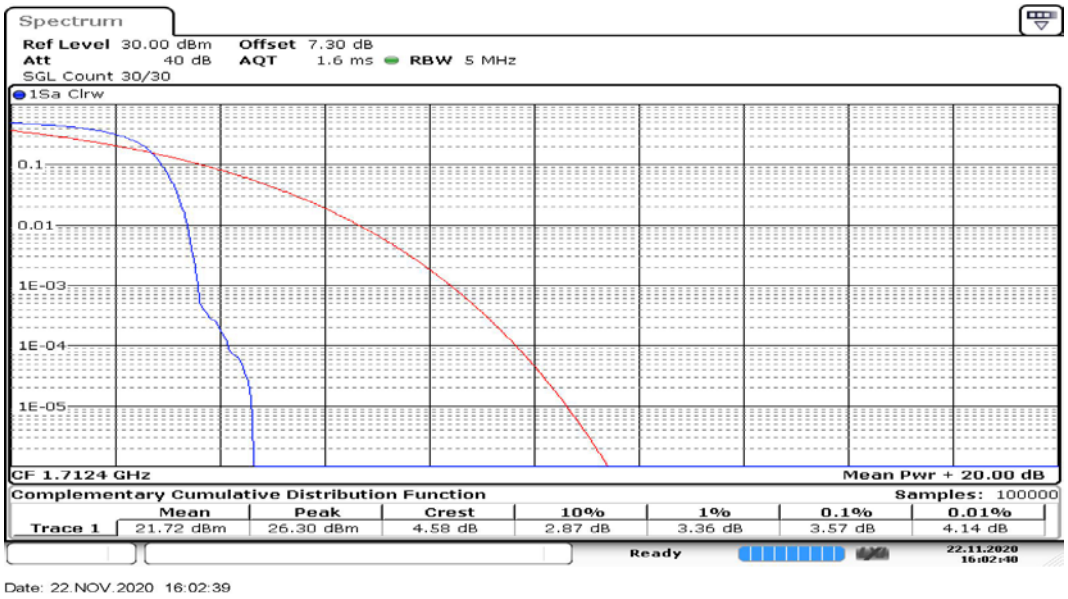
Channel 1413



Date: 22.NOV.2020 09:16:37

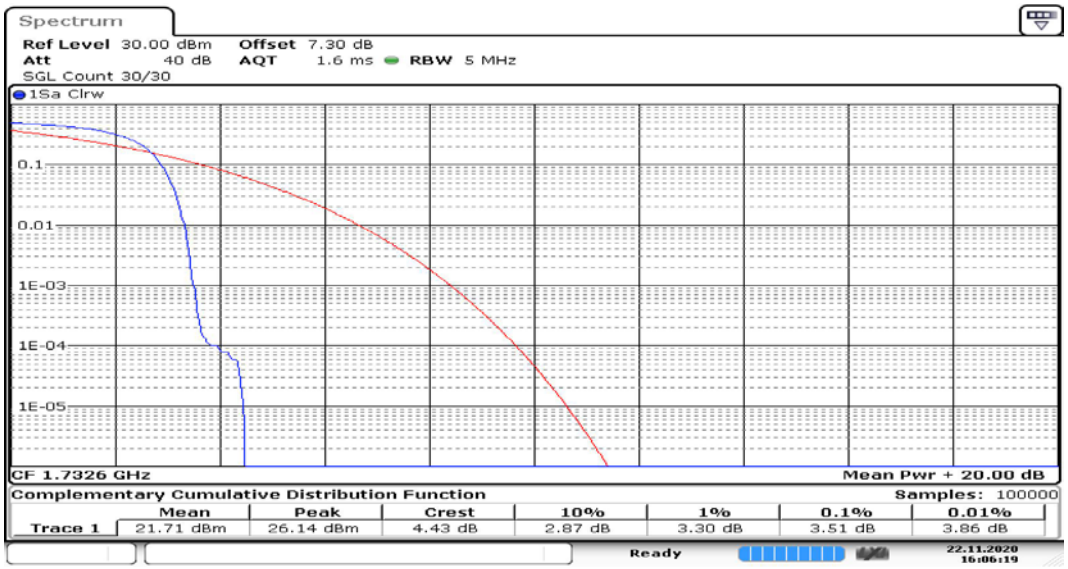
Channel 1513

HSUPA Mode:



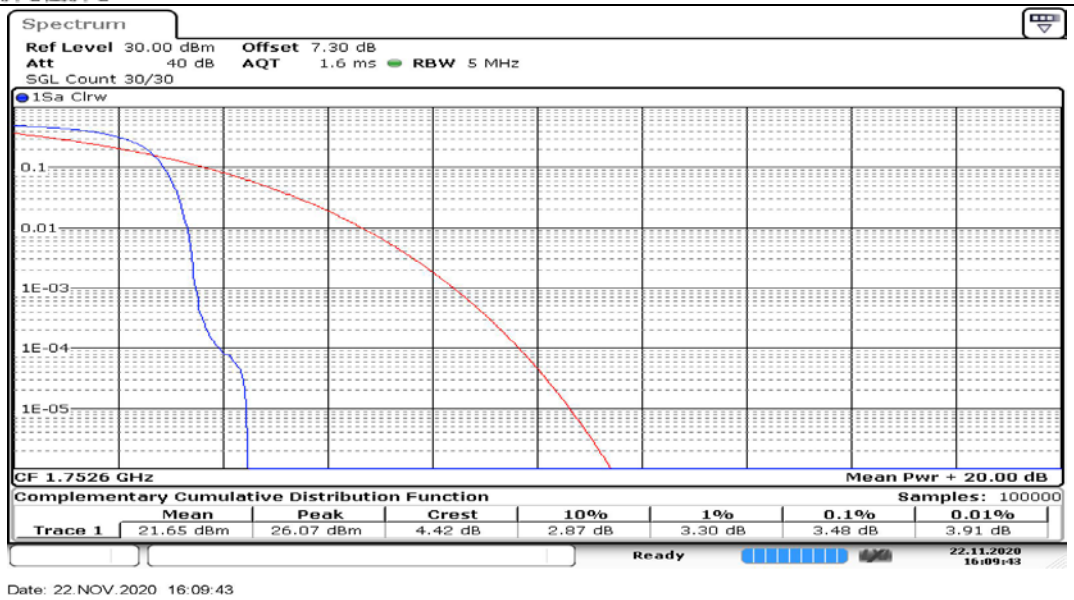
Date: 22.NOV.2020 16:02:39

Channel 1312



Date: 22.NOV.2020 16:06:19

Channel 1413



Channel 1513

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,12.2kbps	1712.4	1312	24.05	21.95	0.157
		1732.6	1413	24.09	21.99	0.158
		1752.6	1513	24.00	21.90	0.155
HSDPA	Subtest1	1712.4	1312	23.13	21.03	0.127
		1732.6	1413	23.15	21.05	0.127
		1752.6	1513	23.13	21.03	0.127
	Subtest2	1712.4	1312	23.13	21.03	0.127
		1732.6	1413	23.15	21.05	0.127
		1752.6	1513	23.13	21.03	0.127
	Subtest3	1712.4	1312	23.13	21.03	0.127
		1732.6	1413	23.15	21.05	0.127
		1752.6	1513	23.13	21.03	0.127
	Subtest4	1712.4	1312	23.13	21.03	0.127
		1732.6	1413	23.15	21.05	0.127
		1752.6	1513	23.13	21.03	0.127
HSUPA	Subtest1	1712.4	1312	23.06	20.96	0.125
		1732.6	1413	23.12	21.02	0.126
		1752.6	1513	23.09	20.99	0.126
	Subtest2	1712.4	1312	23.06	20.96	0.125
		1732.6	1413	23.12	21.02	0.126
		1752.6	1513	23.09	20.99	0.126
	Subtest3	1712.4	1312	23.06	20.96	0.125
		1732.6	1413	23.12	21.02	0.126
		1752.6	1513	23.09	20.99	0.126
	Subtest4	1712.4	1312	23.06	20.96	0.125
		1732.6	1413	23.12	21.02	0.126
		1752.6	1513	23.09	20.99	0.126
	Subtest5	1712.4	1312	23.06	20.96	0.125
		1732.6	1413	23.12	21.02	0.126
		1752.6	1513	23.09	20.99	0.126
HSPA+	QPSK	1712.4	1312	23.17	21.07	0.128
		1732.6	1413	23.16	21.06	0.128
		1752.6	1513	23.14	21.04	0.127
	16QAM	1712.4	1312	23.17	21.07	0.128
		1732.6	1413	23.16	21.06	0.128
		1752.6	1513	23.14	21.04	0.127

Mode		Carrier frequency (MHz)	Channel No.	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
DC-HSDPA	Subtest1	1712.4	1312	23.16	21.06	0.128
		1732.6	1413	23.17	21.07	0.128
		1752.6	1513	23.12	21.02	0.126
	Subtest2	1712.4	1312	23.16	21.06	0.128
		1732.6	1413	23.17	21.07	0.128
		1752.6	1513	23.12	21.02	0.126
	Subtest3	1712.4	1312	23.16	21.06	0.128
		1732.6	1413	23.17	21.07	0.128
		1752.6	1513	23.12	21.02	0.126
	Subtest4	1712.4	1312	23.16	21.06	0.128
		1732.6	1413	23.17	21.07	0.128
		1752.6	1513	23.12	21.02	0.126

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions
WCDMA band II
Test result:
WCDMA Mode:
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.14	-52.83	-13	Vertical
2781.96	-51.73	-13	Horizontal
3729.17	-44.00	-13	Vertical
6679.51	-43.22	-13	Vertical
9965.88	-40.00	-13	Vertical
17822.33	-35.24	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.20	-53.00	-13	Vertical
2780.43	-51.23	-13	Horizontal
3728.84	-43.64	-13	Vertical
6679.47	-43.61	-13	Vertical
9963.90	-40.33	-13	Vertical
17821.44	-35.77	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.74	-53.18	-13	Vertical
2781.00	-50.90	-13	Vertical
3729.85	-44.13	-13	Vertical
6679.03	-43.59	-13	Vertical
9965.92	-40.53	-13	Vertical
17823.51	-35.80	-13	Vertical

HSDPA/HSUPA Mode:
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.37	-52.96	-13	Vertical
2781.21	-51.58	-13	Vertical
3727.63	-43.68	-13	Vertical
6680.49	-43.21	-13	Vertical
9965.08	-40.48	-13	Vertical
17822.59	-35.14	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.69	-52.39	-13	Vertical
2779.90	-51.40	-13	Vertical
3729.32	-43.29	-13	Vertical
6679.01	-43.68	-13	Horizontal
9965.34	-39.87	-13	Vertical
17822.19	-35.74	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.20	-52.94	-13	Vertical
2782.81	-50.86	-13	Horizontal
3729.15	-44.22	-13	Vertical
6680.61	-43.56	-13	Vertical
9965.59	-40.37	-13	Vertical
17822.79	-35.88	-13	Vertical

HSPA+ Mode:（QPSK）
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.17	-52.95	-13	Horizontal
2783.21	-51.22	-13	Vertical
3728.81	-43.95	-13	Vertical
6677.54	-42.96	-13	Vertical
9962.92	-40.49	-13	Vertical
17821.95	-35.87	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.19	-53.00	-13	Vertical
2780.68	-51.52	-13	Vertical
3726.88	-43.74	-13	Vertical
6677.81	-43.40	-13	Vertical
9963.32	-40.44	-13	Vertical
17820.54	-35.21	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.37	-52.74	-13	Vertical
2781.51	-50.90	-13	Vertical
3729.65	-43.44	-13	Vertical
6680.17	-43.31	-13	Horizontal
9963.22	-40.26	-13	Vertical
17823.45	-35.74	-13	Vertical

HSPA+ Mode:（16QAM）
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.42	-52.70	-13	Vertical
2783.20	-50.86	-13	Vertical
3729.61	-43.65	-13	Vertical
6679.50	-43.89	-13	Horizontal
9964.73	-40.82	-13	Vertical
17820.06	-35.14	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.52	-52.39	-13	Vertical
2781.04	-50.81	-13	Vertical
3727.72	-43.28	-13	Vertical
6678.09	-43.74	-13	Vertical
9964.48	-39.93	-13	Vertical
17819.90	-35.71	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.92	-52.58	-13	Vertical
2781.33	-51.39	-13	Vertical
3730.40	-44.07	-13	Vertical
6677.51	-43.49	-13	Vertical
9963.74	-40.24	-13	Vertical
17820.06	-35.58	-13	Vertical

DC-HSDPA Mode:
Channel 9262

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.53	-52.72	-13	Vertical
2781.82	-51.38	-13	Horizontal
3728.62	-43.42	-13	Vertical
6677.97	-43.17	-13	Horizontal
9963.39	-40.70	-13	Vertical
17822.41	-35.71	-13	Vertical

Channel 9400

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.39	-52.33	-13	Vertical
2782.87	-51.39	-13	Vertical
3730.38	-43.54	-13	Horizontal
6679.25	-43.88	-13	Vertical
9963.31	-40.74	-13	Vertical
17822.69	-35.86	-13	Vertical

Channel 9538

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.07	-53.17	-13	Vertical
2781.34	-51.03	-13	Vertical
3727.52	-43.77	-13	Vertical
6679.97	-43.54	-13	Horizontal
9964.21	-40.36	-13	Vertical
17822.80	-35.37	-13	Vertical

WCDMA band IV
Test result:
WCDMA Mode:
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.22	-52.78	-13	Vertical
2782.81	-52.10	-13	Vertical
3729.69	-44.09	-13	Vertical
6674.50	-43.37	-13	Horizontal
9964.21	-39.52	-13	Vertical
17819.38	-36.04	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.44	-52.07	-13	Vertical
2779.58	-51.84	-13	Vertical
3728.41	-44.67	-13	Vertical
6679.56	-43.62	-13	Vertical
9963.81	-39.77	-13	Vertical
17820.63	-36.08	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2452.80	-53.20	-13	Vertical
2777.58	-51.98	-13	Horizontal
3729.87	-43.92	-13	Vertical
6678.61	-44.07	-13	Vertical
9962.44	-39.48	-13	Vertical
17820.45	-35.73	-13	Vertical

HSDPA/HSUPA Mode:
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.50	-52.31	-13	Vertical
2781.11	-51.69	-13	Vertical
3729.24	-43.96	-13	Horizontal
6679.93	-43.77	-13	Vertical
9963.08	-39.40	-13	Vertical
17823.11	-35.39	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.87	-52.15	-13	Vertical
2782.63	-52.67	-13	Vertical
3727.51	-44.57	-13	Vertical
6676.76	-43.06	-13	Vertical
9963.88	-39.15	-13	Horizontal
17823.55	-36.00	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.14	-52.82	-13	Horizontal
2778.01	-51.20	-13	Vertical
3729.58	-43.34	-13	Vertical
6679.03	-43.54	-13	Vertical
9965.64	-40.10	-13	Vertical
17821.88	-35.96	-13	Vertical

HSPA+ Mode:（QPSK）
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.12	-52.55	-13	Vertical
2780.89	-52.56	-13	Horizontal
3731.56	-44.02	-13	Vertical
6681.61	-42.50	-13	Vertical
9965.31	-40.26	-13	Vertical
17820.81	-35.41	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.31	-52.76	-13	Vertical
2779.55	-51.77	-13	Vertical
3732.37	-43.83	-13	Vertical
6676.46	-43.37	-13	Horizontal
9959.66	-39.15	-13	Vertical
17821.10	-35.95	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.44	-52.23	-13	Vertical
2782.51	-51.83	-13	Vertical
3727.82	-43.42	-13	Horizontal
6680.22	-44.00	-13	Vertical
9963.26	-40.07	-13	Vertical
17824.81	-35.76	-13	Vertical

HSPA+ Mode:（16QAM）
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.32	-53.36	-13	Vertical
2779.49	-52.54	-13	Vertical
3729.17	-43.65	-13	Vertical
6676.87	-43.38	-13	Vertical
9964.72	-39.84	-13	Horizontal
17823.57	-35.84	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.78	-52.77	-13	Vertical
2780.87	-51.81	-13	Vertical
3729.33	-43.31	-13	Vertical
6676.30	-43.79	-13	Vertical
9964.82	-40.18	-13	Vertical
17824.72	-36.38	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2452.56	-53.49	-13	Vertical
2778.03	-51.78	-13	Horizontal
3725.95	-43.79	-13	Vertical
6676.85	-43.01	-13	Vertical
9962.29	-40.17	-13	Vertical
17824.41	-34.81	-13	Vertical

DC-HSDPA + Mode:
Channel 1312

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.42	-53.09	-13	Vertical
2779.50	-52.23	-13	Vertical
3728.64	-43.93	-13	Horizontal
6677.12	-43.32	-13	Vertical
9963.19	-39.79	-13	Vertical
17819.24	-35.91	-13	Vertical

Channel 1412

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.03	-53.14	-13	Vertical
2780.07	-51.72	-13	Vertical
3730.25	-44.11	-13	Vertical
6675.59	-43.78	-13	Vertical
9962.75	-40.55	-13	Vertical
17819.61	-35.20	-13	Vertical

Channel 1513

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.80	-52.36	-13	Vertical
2782.39	-51.66	-13	Vertical
3729.28	-44.18	-13	Vertical
6676.38	-43.53	-13	Horizontal
9963.70	-39.47	-13	Vertical
17825.31	-36.05	-13	Vertical

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