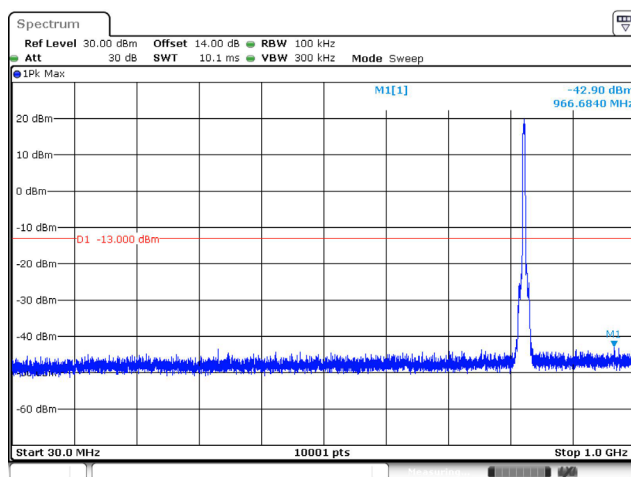
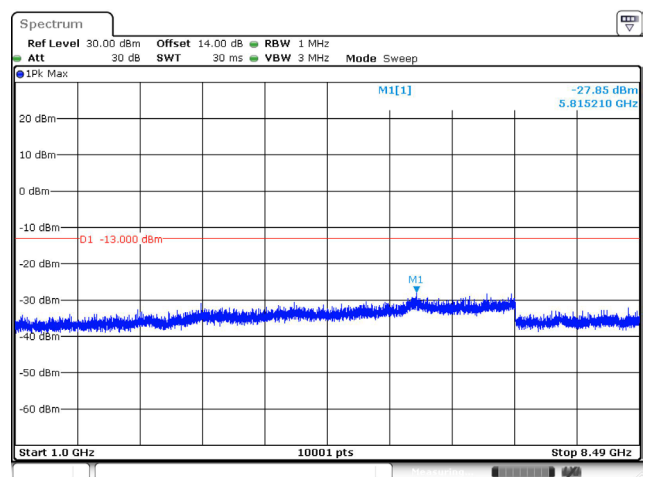


WCDMA Band 5 / RMC / 826.4 MHz (below 1GHz)



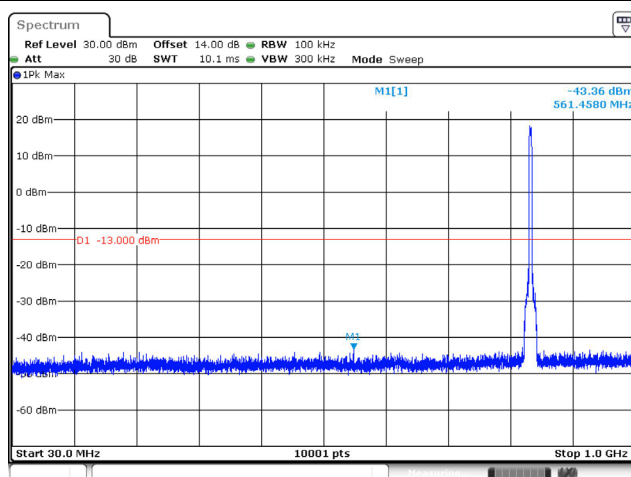
Date: 16.AUG.2024 10:46:32

WCDMA Band 5 / RMC / 826.4 MHz (above 1GHz)



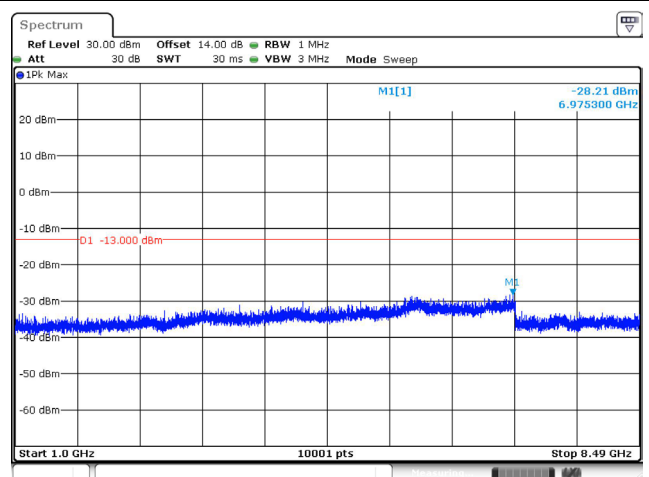
Date: 16.AUG.2024 10:46:38

WCDMA Band 5 / RMC / 836.6 MHz (below 1GHz)



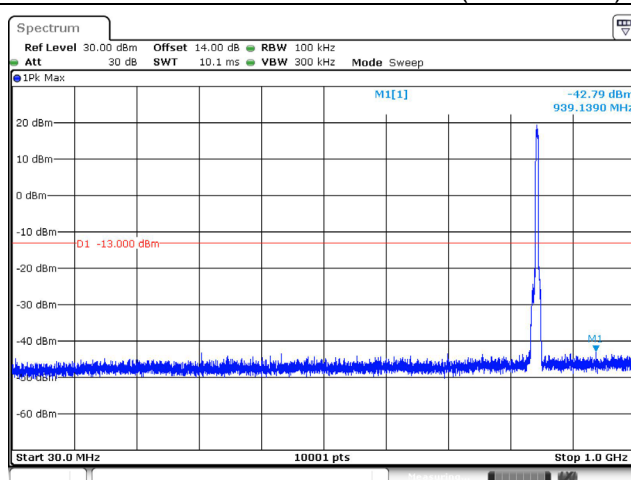
Date: 16.AUG.2024 10:47:16

WCDMA Band 5 / RMC / 836.6 MHz (above 1GHz)



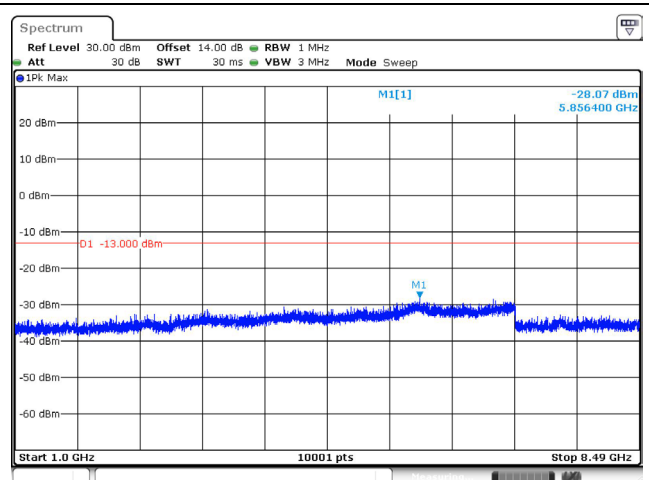
Date: 16.AUG.2024 10:47:22

WCDMA Band 5 / RMC / 846.6 MHz (below 1GHz)



Date: 16.AUG.2024 10:48:18

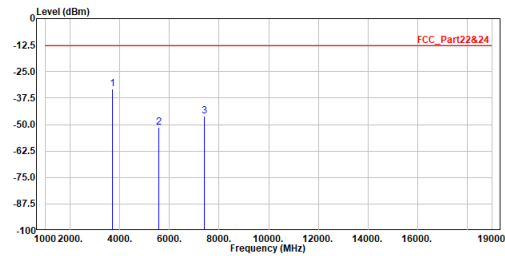
WCDMA Band 5 / RMC / 846.6 MHz (above 1GHz)



Date: 16.AUG.2024 10:48:26

Appendix D.2 Test Result of Radiated Spurious Emission

Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_Band2_CH9262
Test by :Scott Chang

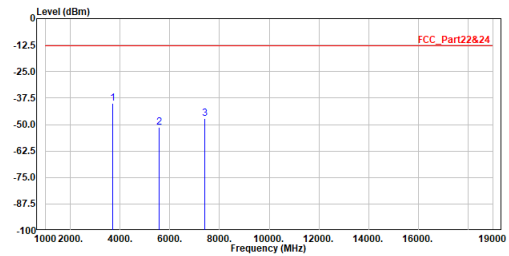


No.	Frequency MHz	Level dBm	Limit Line dBm	Over Limit dB	Read Level dBm	Factor dB	Remark
1	3704.800	-33.22	-13.00	-20.22	-26.00	-7.22	Peak
2	5557.200	-51.37	-13.00	-38.37	-49.48	-1.89	Peak
3	7409.600	-46.09	-13.00	-33.09	-50.12	4.03	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_Band2_CH9262
Test by :Scott Chang

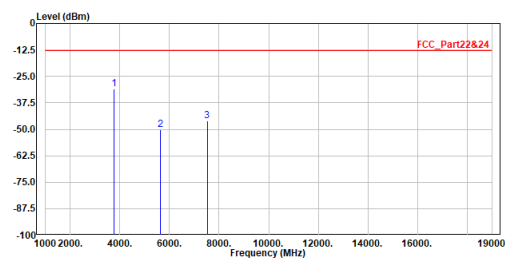


No.	Frequency MHz	Level dBm	Limit Line dBm	Over Limit dB	Read Level dBm	Factor dB	Remark
1	3704.800	-39.97	-13.00	-26.97	-32.75	-7.22	Peak
2	5557.200	-51.23	-13.00	-38.23	-49.34	-1.89	Peak
3	7409.600	-47.05	-13.00	-34.05	-51.08	4.03	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_Band2_CH9400
Test by :Scott Chang

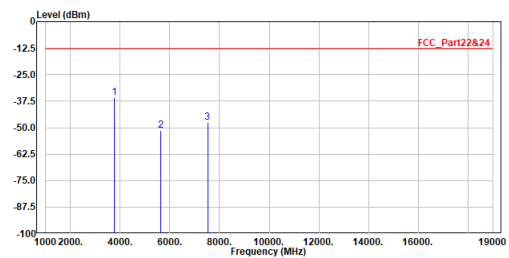


No.	Frequency MHz	Level dBm	Limit Line dBm	Over Limit dB	Read Level dBm	Factor dB	Remark
1	3760.000	-31.11	-13.00	-18.11	-24.15	-6.96	Peak
2	5640.000	-50.31	-13.00	-37.31	-48.68	-1.63	Peak
3	7520.000	-45.88	-13.00	-32.88	-50.02	4.14	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_Band2_CH9400
Test by :Scott Chang

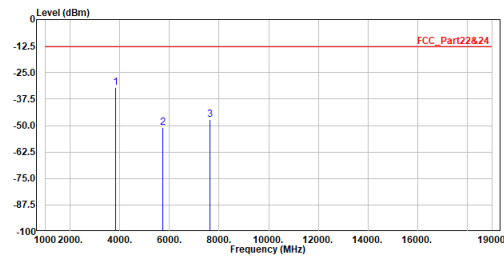


No.	Frequency MHz	Level dBm	Limit Line dBm	Over Limit dB	Read Level dBm	Factor dB	Remark
1	3760.000	-35.89	-13.00	-22.89	-28.93	-6.96	Peak
2	5640.000	-51.19	-13.00	-38.19	-49.56	-1.63	Peak
3	7520.000	-47.65	-13.00	-34.65	-51.79	4.14	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_Band2_CH9538
Test by :Scott Chang

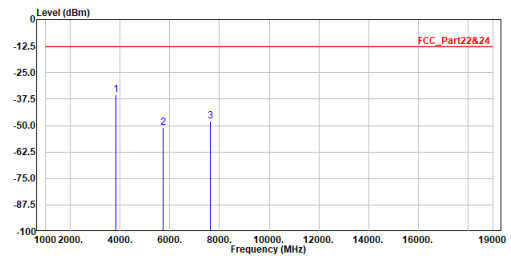


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3815.200	-31.89	-13.00	-18.89	-25.20	-6.69	Peak
2	5722.800	-51.01	-13.00	-38.01	-49.64	-1.37	Peak
3	7630.400	-47.09	-13.00	-34.09	-51.30	4.21	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_Band2_CH9538
Test by :Scott Chang

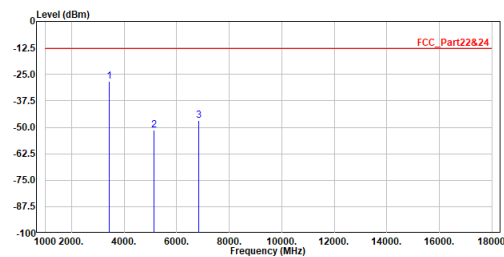


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3815.200	-35.60	-13.00	-22.60	-28.91	-6.69	Peak
2	5722.800	-50.93	-13.00	-37.93	-49.56	-1.37	Peak
3	7630.400	-48.03	-13.00	-35.03	-52.24	4.21	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_Band4_CH1312
Test by :Scott Chang

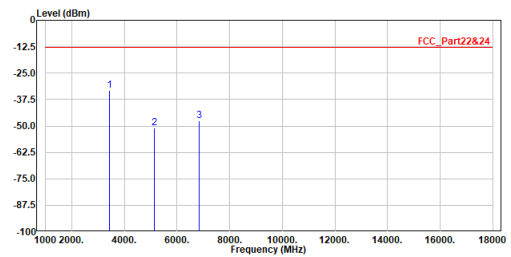


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3424.800	-28.36	-13.00	-15.36	-19.95	-8.41	Peak
2	5137.200	-51.37	-13.00	-38.37	-49.22	-2.15	Peak
3	6849.600	-46.66	-13.00	-33.66	-49.92	3.26	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_Band4_CH1312
Test by :Scott Chang

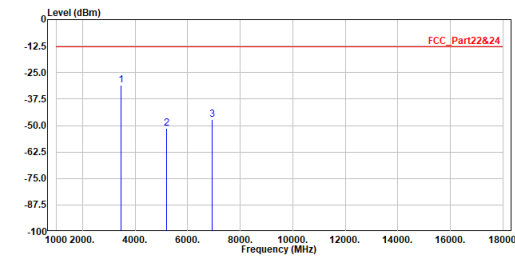


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	3424.800	-33.33	-13.00	-20.33	-24.92	-8.41	Peak
2	5137.200	-50.98	-13.00	-37.98	-48.83	-2.15	Peak
3	6849.600	-47.53	-13.00	-34.53	-50.79	3.26	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_Band4_CH1413
Test by :Scott Chang

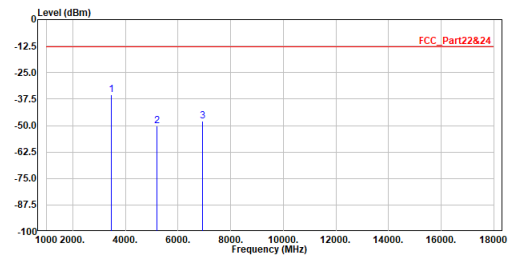


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	3465.200	-31.01	-13.00	-18.01	-22.71	-8.30	Peak
2	5197.800	-51.18	-13.00	-38.18	-49.05	-2.13	Peak
3	6930.400	-47.26	-13.00	-34.26	-50.70	3.44	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_Band4_CH1413
Test by :Scott Chang

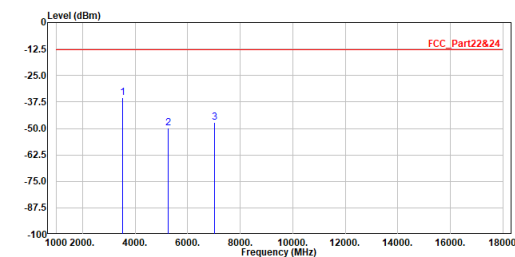


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	3465.200	-35.50	-13.00	-22.50	-27.20	-8.30	Peak
2	5197.800	-50.27	-13.00	-37.27	-48.14	-2.13	Peak
3	6930.400	-47.76	-13.00	-34.76	-51.20	3.44	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_Band4_CH1513
Test by :Scott Chang

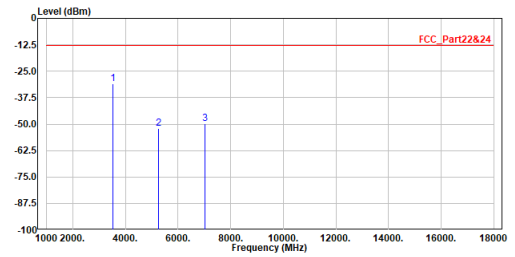


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	3507.500	-35.50	-13.00	-22.50	-27.34	-8.16	Peak
2	5258.500	-49.99	-13.00	-36.99	-47.87	-2.12	Peak
3	7009.500	-47.16	-13.00	-34.16	-50.77	3.61	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_Band4_CH1513
Test by :Scott Chang

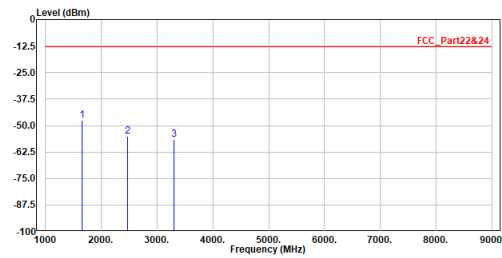


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	3507.500	-30.91	-13.00	-17.91	-22.75	-8.16	Peak
2	5258.500	-52.06	-13.00	-39.06	-49.94	-2.12	Peak
3	7009.500	-49.65	-13.00	-36.65	-53.26	3.61	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_Band5_CH4132
Test by :Scott Chang

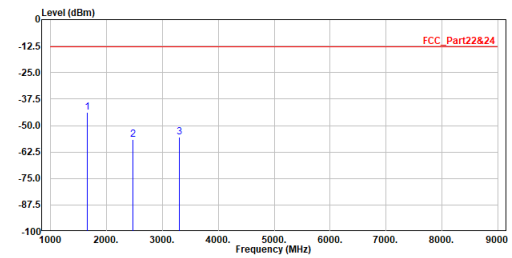


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1652.800	-47.57	-13.00	-34.57	-32.95	-14.62	Peak
2	2479.200	-55.18	-13.00	-42.18	-43.64	-11.54	Peak
3	3305.600	-56.54	-13.00	-43.54	-47.80	-8.74	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_Band5_CH4132
Test by :Scott Chang

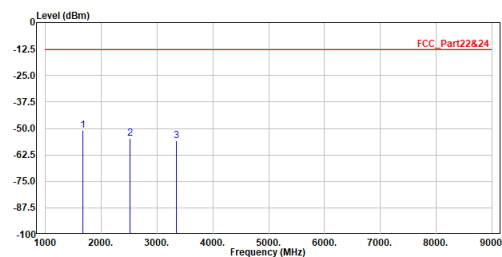


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1652.800	-43.94	-13.00	-30.94	-29.32	-14.62	Peak
2	2479.200	-56.79	-13.00	-43.79	-45.25	-11.54	Peak
3	3305.600	-55.34	-13.00	-42.34	-46.60	-8.74	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_Band5_CH4183
Test by :Scott Chang

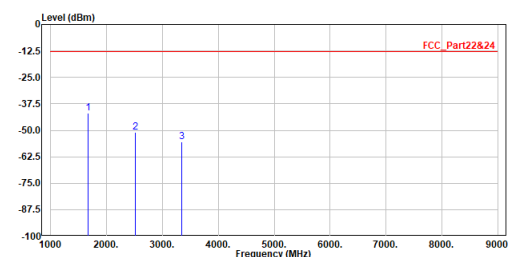


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1673.200	-50.80	-13.00	-37.80	-36.28	-14.52	Peak
2	2509.800	-54.67	-13.00	-41.67	-43.23	-11.44	Peak
3	3346.400	-55.80	-13.00	-42.80	-47.17	-8.63	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_Band5_CH4183
Test by :Scott Chang

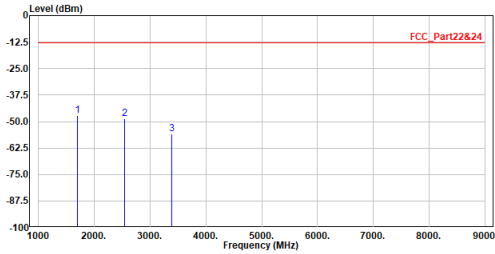


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1673.200	-42.07	-13.00	-29.07	-27.55	-14.52	Peak
2	2509.800	-50.97	-13.00	-37.97	-39.53	-11.44	Peak
3	3346.400	-55.29	-13.00	-42.29	-46.66	-8.63	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

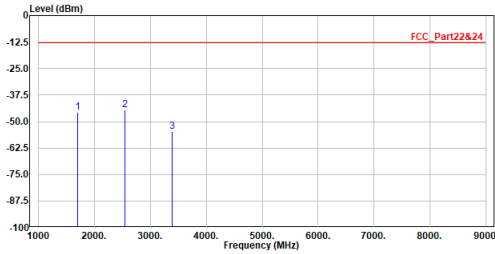
Site :HC-CB02
Condition :3m Horizontal
Mode :WCDMA_Band5_CH4233
Test by :Scott Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1693.200	-47.31	-13.00	-34.31	-32.87	-14.44	Peak
2	2539.800	-48.78	-13.00	-35.78	-37.45	-11.33	Peak
3	3386.400	-55.95	-13.00	-42.95	-47.43	-8.52	Peak

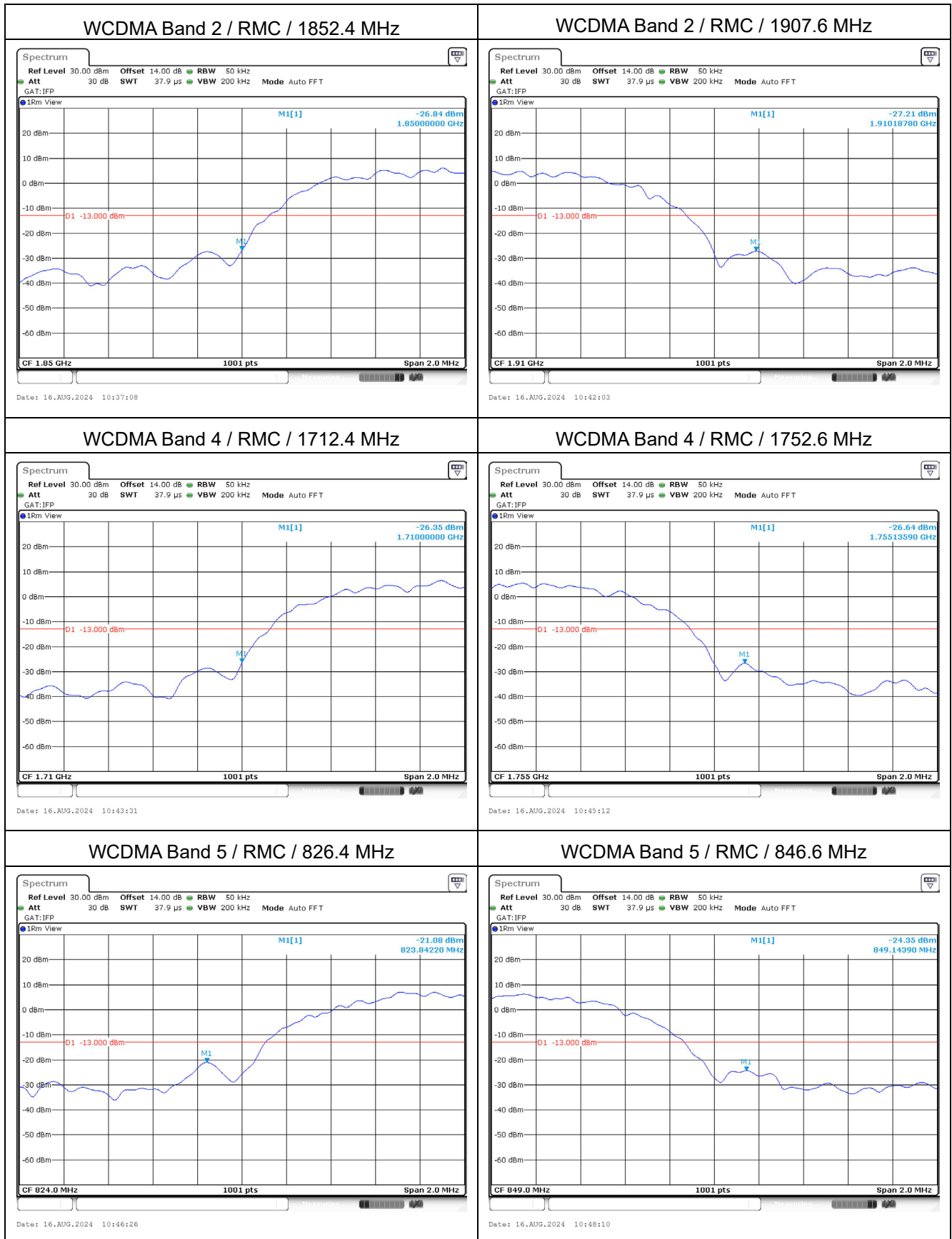
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :WCDMA_Band5_CH4233
Test by :Scott Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1693.200	-45.68	-13.00	-32.68	-31.24	-14.44	Peak
2	2539.800	-44.63	-13.00	-31.63	-33.30	-11.33	Peak
3	3386.400	-54.90	-13.00	-41.90	-46.38	-8.52	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuV/m) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Appendix E. Test Result of Conducted Band Edge

Appendix F. Test Result of Frequency Stability

WCDMA Band 2 / 1852.4 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
32.00	0.00	0.0000
12.00	0.30	0.0002
6.00	-0.72	-0.0004

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	-0.87	-0.0005
-20	0.67	0.0004
-10	0.55	0.0003
0	0.41	0.0002
10	-0.41	-0.0002
20	-0.62	-0.0003
30	-0.78	-0.0004
40	0.09	0.0000
50	0.17	0.0001
60	1.20	0.0006
70	1.46	0.0008

WCDMA Band 2 / 1880 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
32.00	-0.04	0.0000
12.00	0.50	0.0003
6.00	-0.38	-0.0002

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	0.01	0.0000
-20	0.31	0.0002
-10	0.23	0.0001
0	0.06	0.0000
10	-1.01	-0.0005
20	-0.48	-0.0003
30	-0.38	-0.0002
40	-0.22	-0.0001
50	-0.15	-0.0001
60	1.63	0.0009
70	0.36	0.0002

WCDMA Band 2 / 1907.6 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
32.00	-1.51	-0.0008
12.00	-0.80	-0.0004
6.00	-1.58	-0.0008

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	-1.53	-0.0008
-20	-1.22	-0.0006
-10	-0.44	-0.0002
0	-0.97	-0.0005
10	-0.68	-0.0004
20	-1.51	-0.0008
30	-0.71	-0.0004
40	-1.82	-0.0010
50	-1.55	-0.0008
60	0.98	0.0005
70	0.57	0.0003

WCDMA Band 4 / 1712.4 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
32.00	0.68	0.0004
12.00	1.10	0.0006
6.00	0.50	0.0003

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	0.30	0.0002
-20	0.36	0.0002
-10	0.92	0.0005
0	1.36	0.0008
10	0.52	0.0003
20	1.32	0.0008
30	0.34	0.0002
40	0.53	0.0003
50	1.26	0.0007
60	1.35	0.0008
70	0.50	0.0003

WCDMA Band 4 / 1732.6 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
32.00	1.15	0.0007
12.00	2.10	0.0012
6.00	1.72	0.0010

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.35	0.0008
-20	1.55	0.0009
-10	1.95	0.0011
0	2.00	0.0012
10	1.15	0.0007
20	2.63	0.0015
30	1.02	0.0006
40	2.00	0.0012
50	0.86	0.0005
60	1.74	0.0010
70	1.58	0.0009

WCDMA Band 4 / 1752.6 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
32.00	-1.22	-0.0007
12.00	-1.20	-0.0007
6.00	-0.57	-0.0003

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	-1.71	-0.0010
-20	-1.61	-0.0009
-10	-1.57	-0.0009
0	-1.38	-0.0008
10	-1.71	-0.0010
20	-1.67	-0.0010
30	-1.56	-0.0009
40	-1.53	-0.0009
50	-2.26	-0.0013
60	1.30	0.0007
70	0.95	0.0005

WCDMA Band 5 / 826.4 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
32.00	1.04	0.00126
12.00	2.13	0.00258
6.00	1.85	0.00224

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.62	0.0020
-20	1.59	0.0019
-10	1.30	0.0016
0	1.71	0.0021
10	1.68	0.0020
20	1.26	0.0015
30	1.22	0.0015
40	0.91	0.0011
50	1.27	0.0015
60	1.18	0.0014
70	0.49	0.0006

WCDMA Band 5 / 836.6 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
32.00	-1.61	-0.0019
12.00	-1.20	-0.0014
6.00	-1.03	-0.0012

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	-2.01	-0.0024
-20	-2.54	-0.0030
-10	-2.46	-0.0029
0	-1.72	-0.0021
10	-1.39	-0.0017
20	-2.08	-0.0025
30	-1.69	-0.0020
40	-2.89	-0.0035
50	-1.57	-0.0019
60	1.32	0.0016
70	1.57	0.0019

WCDMA Band 5 / 846.6 MHz

Voltage (VDC)	Frequency Stability (Hz)	Frequency Stability (ppm)
32.00	1.23	0.0015
12.00	1.80	0.0021
6.00	1.58	0.0019

Temperature (°C)	Frequency Stability (Hz)	Frequency Stability (ppm)
-30	1.28	0.0015
-20	0.83	0.0010
-10	1.64	0.0020
0	1.80	0.0021
10	0.79	0.0009
20	1.29	0.0015
30	2.22	0.0027
40	1.13	0.0013
50	1.10	0.0013
60	2.16	0.0026
70	1.23	0.0015