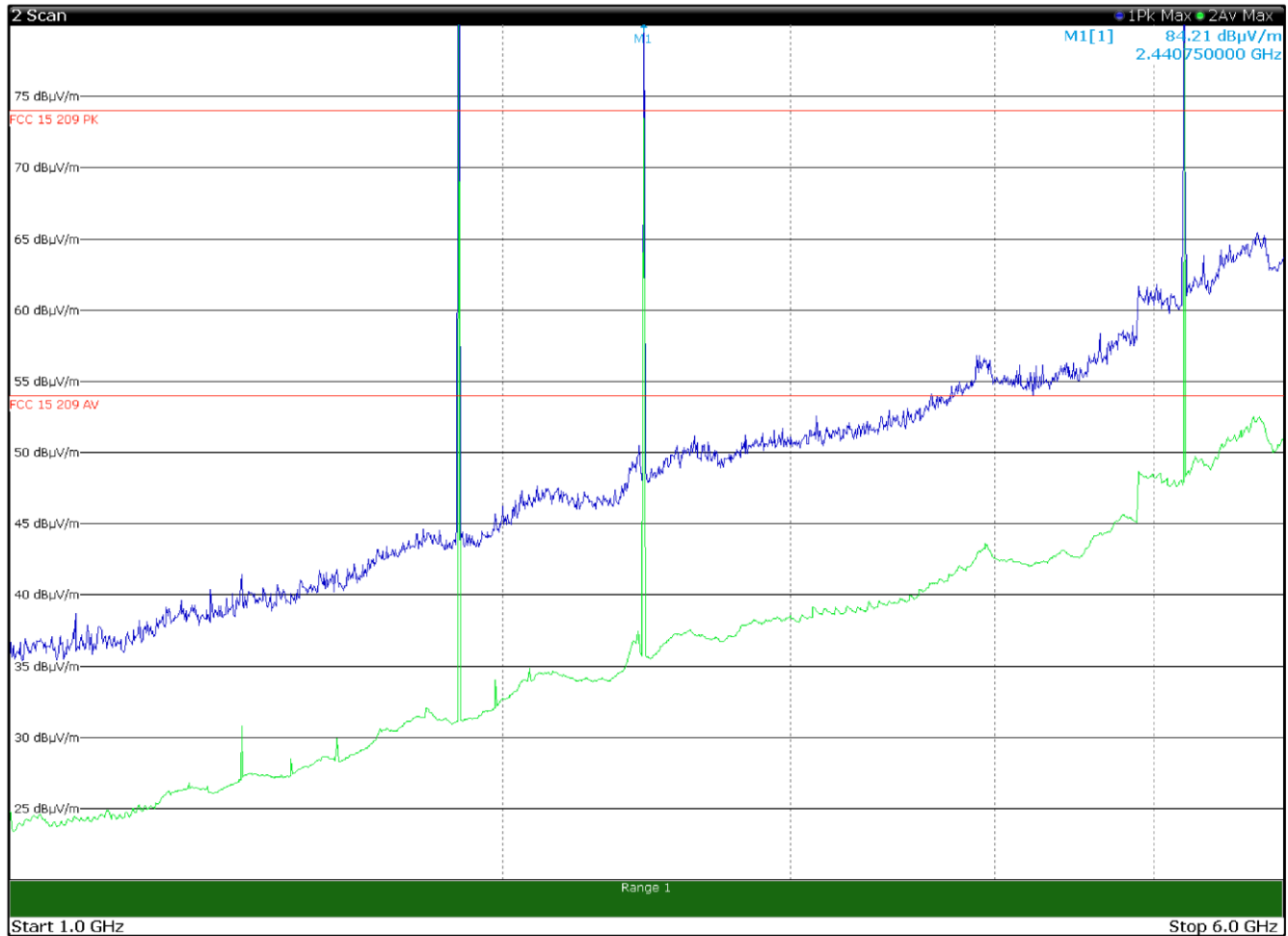


8.1.4 Test data, continued

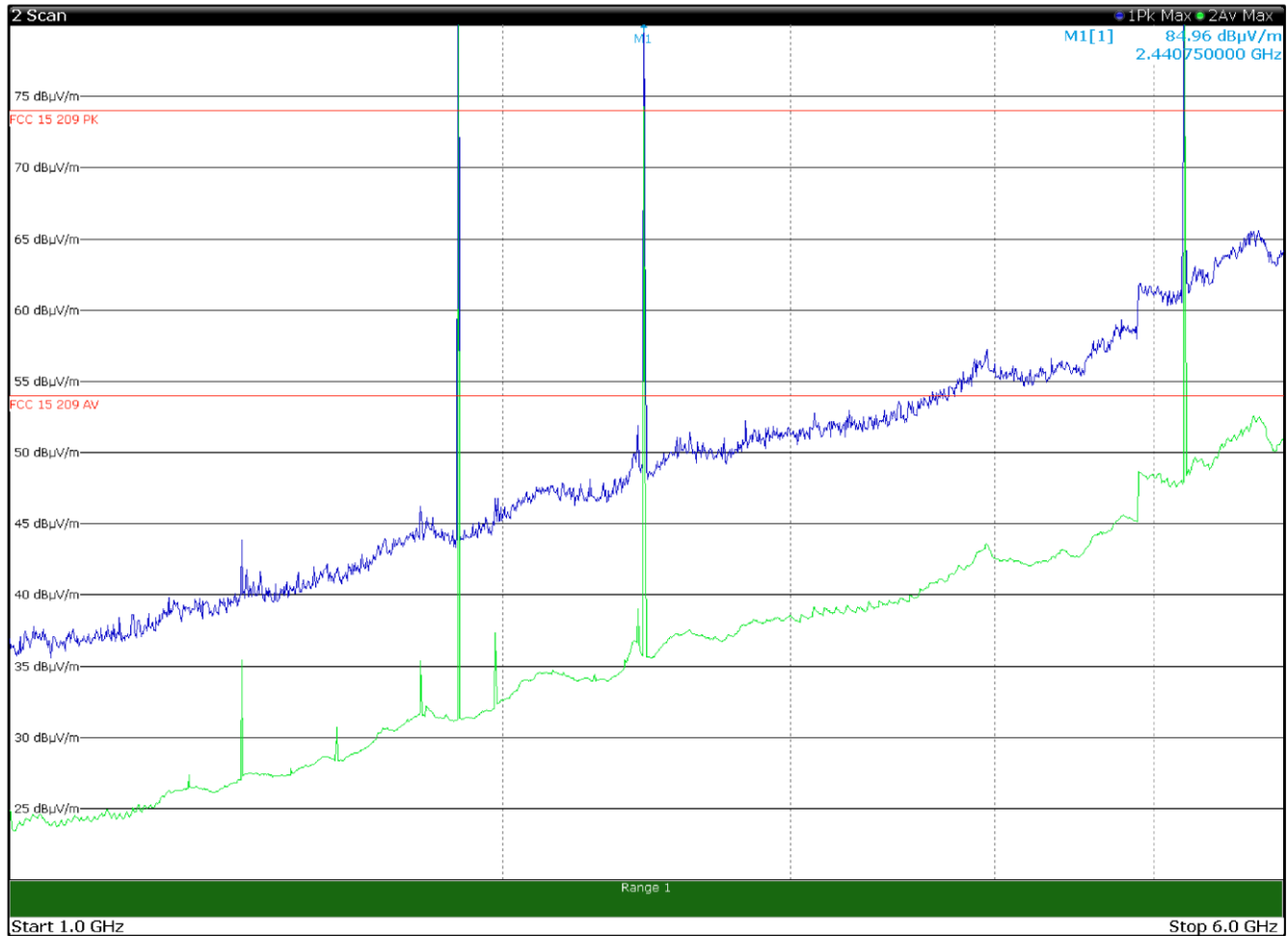


Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 1)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1880.0000	112.6	--	--	Pk
2441.0000	98.1	--	--	Pk
5220.0000	124.8	--	--	Pk

Limit exceeded by the carriers

8.1.4 Test data, continued

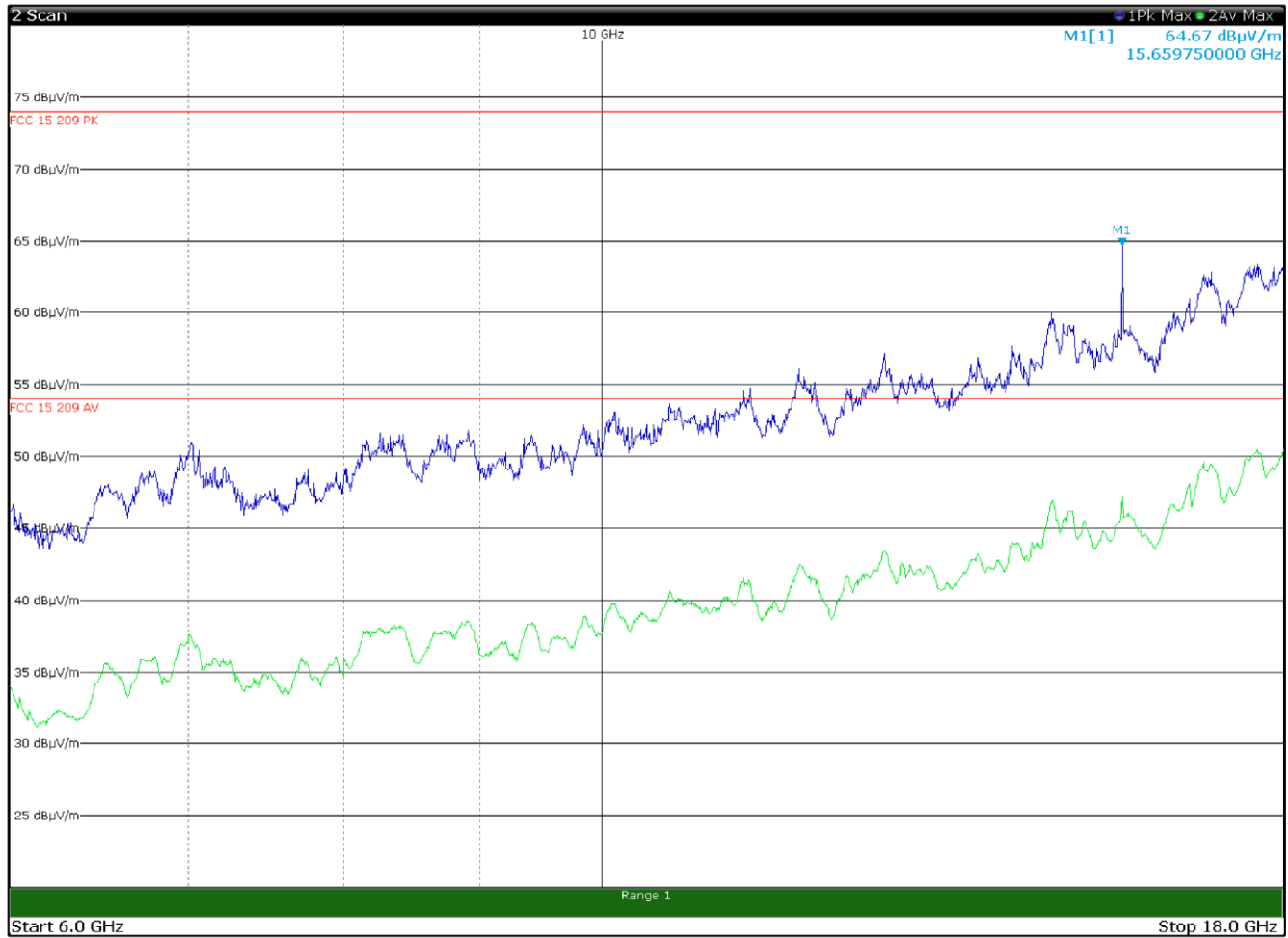


Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 1)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1386.0000	35.5	54.0	-18.5	Av
1880.0000	108.8	--	--	Pk
2441.0000	89.6	--	--	Pk
5220.0000	105.1	--	--	Pk

Limit exceeded by the carriers

8.1.4 Test data, continued



Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 1)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
15659.7500	64.7	74.0	-9.3	Pk
15659.7500	49.8	54.0	-4.2	Av

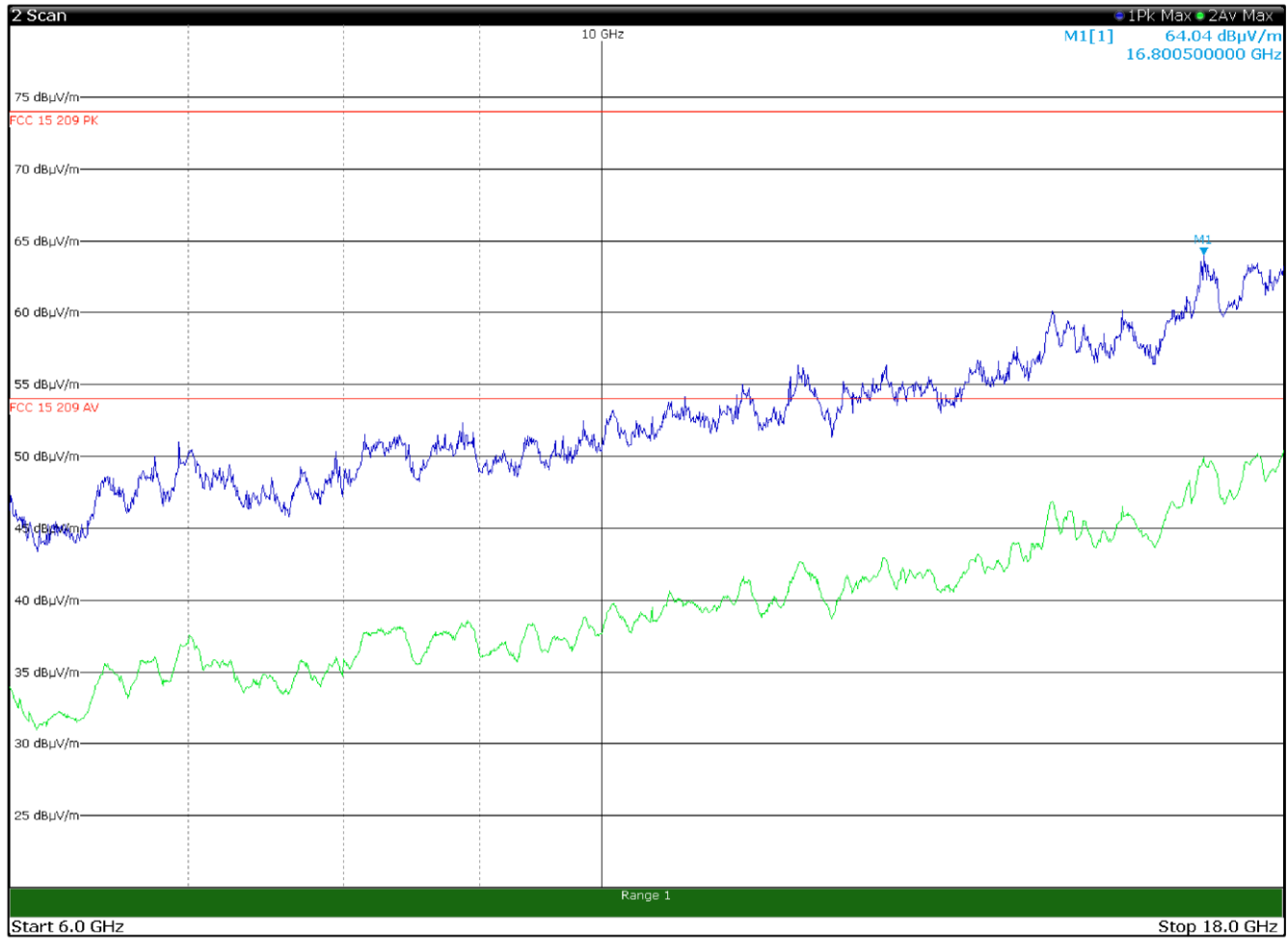
The correction factor for the average value of pulsed emissions is $20 \log (DC) = 20 \log (0.18) = 14.9 \text{ dB}$

Section 8
Test name
Specification

Testing data
Radiated emission limits
FCC §15.209 (f), §15.247 (d), §15.407 (b), §27.53 (c), §27.53 (h), RSS-Gen Issue 5 §8.9
RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1



8.1.4 Test data, continued



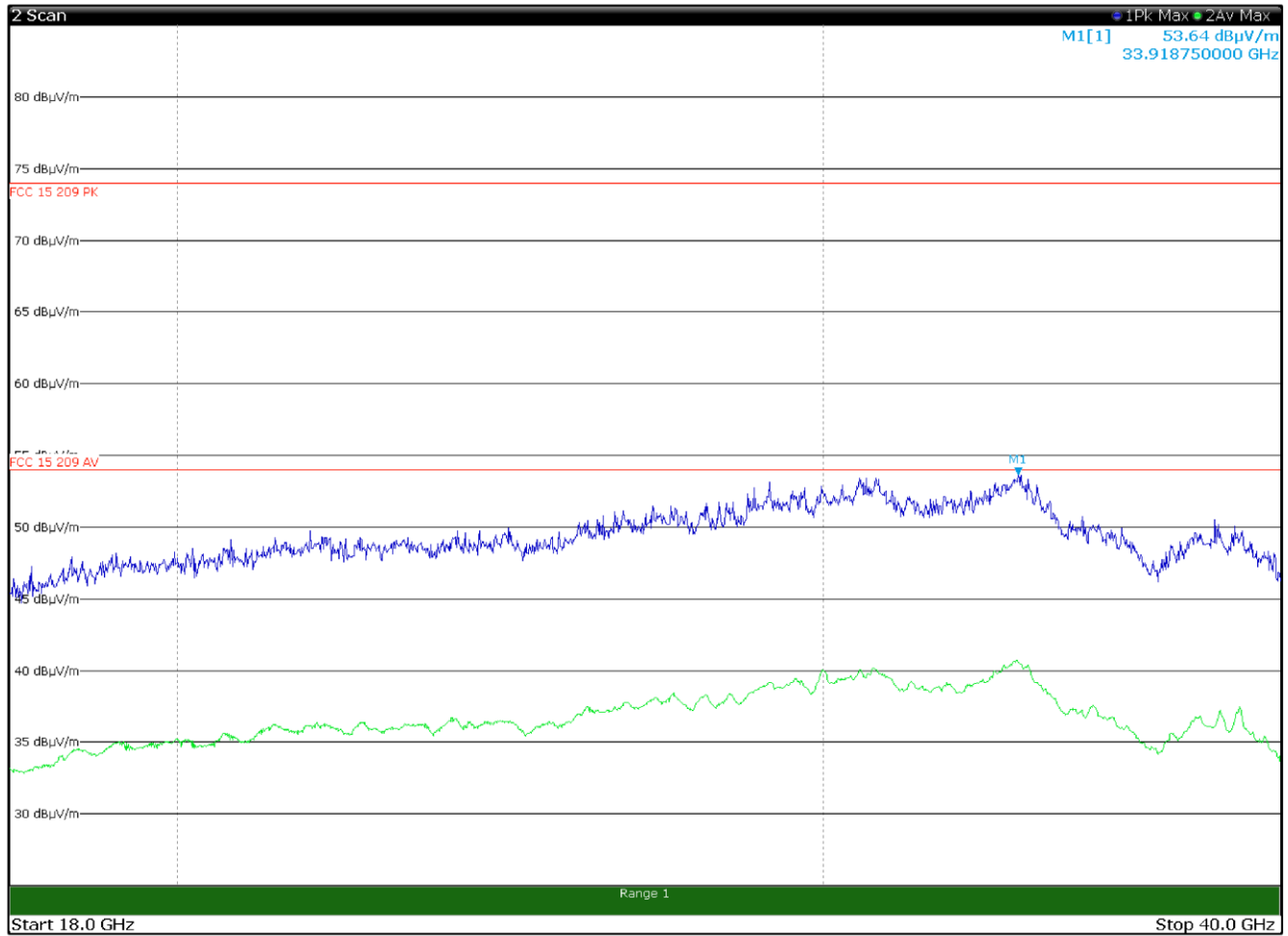
Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 1)

Section 8
Test name
Specification

Testing data
Radiated emission limits
FCC §15.209 (f), §15.247 (d), §15.407 (b), §27.53 (c), §27.53 (h), RSS-Gen Issue 5 §8.9
RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1



8.1.4 Test data, continued



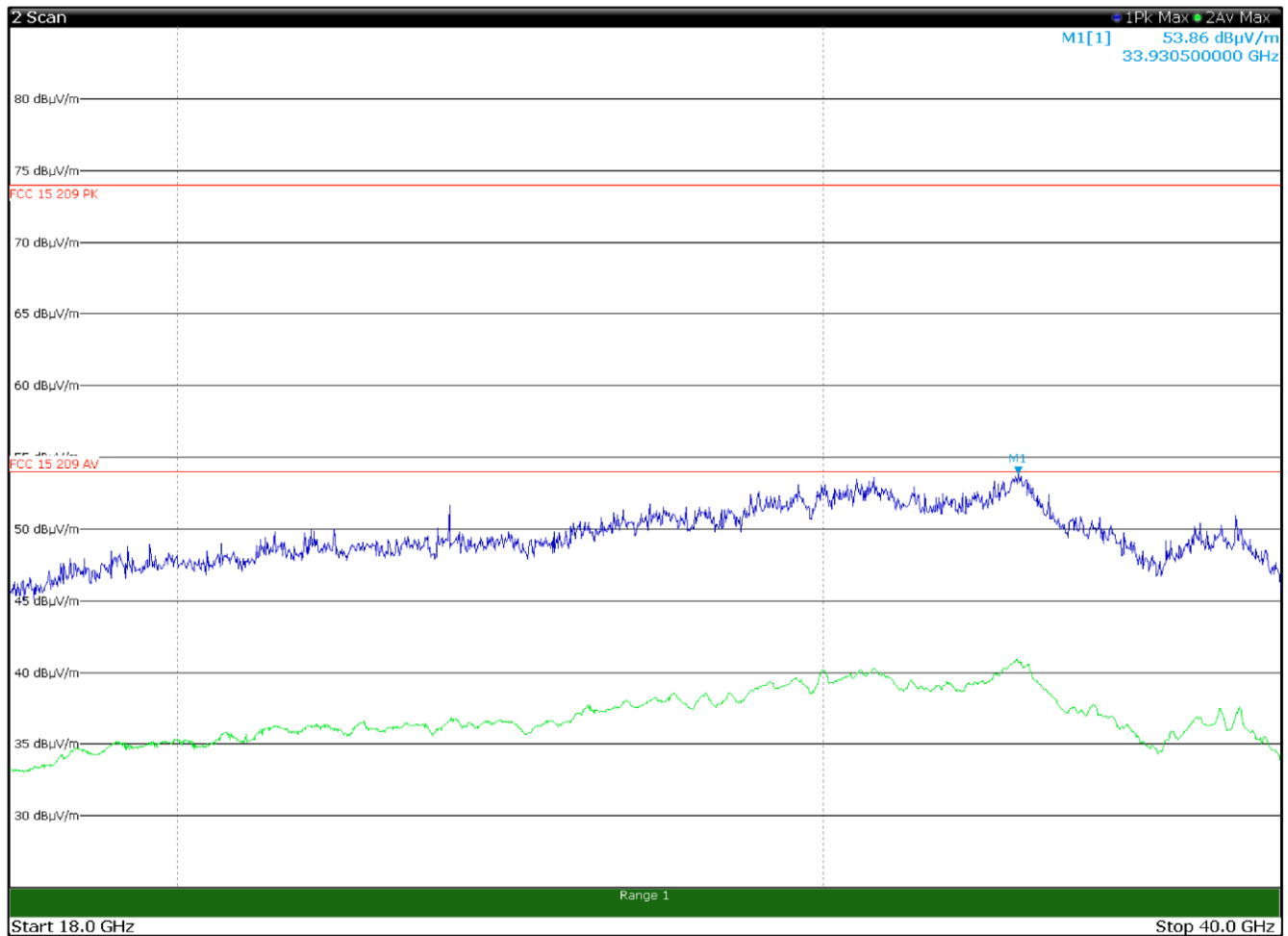
Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 1)

Section 8
Test name
Specification

Testing data
Radiated emission limits
FCC §15.209 (f), §15.247 (d), §15.407 (b), §27.53 (c), §27.53 (h), RSS-Gen Issue 5 §8.9
RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1

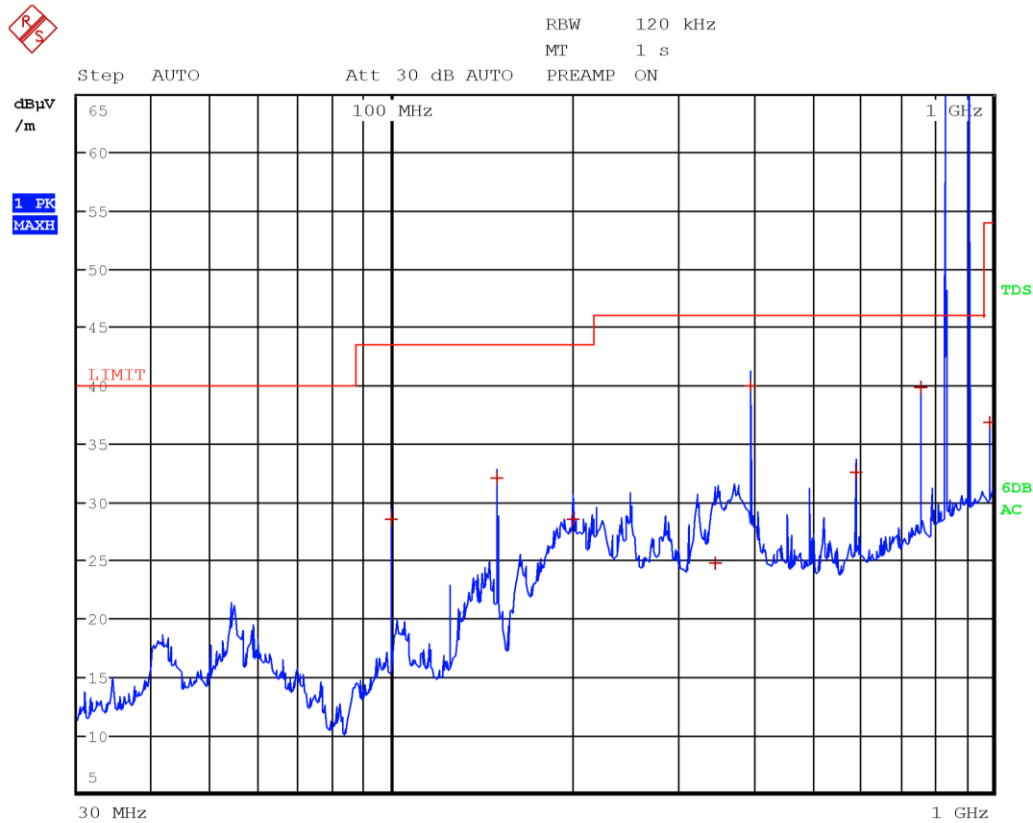


8.1.4 Test data, continued



Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 1)

8.1.4 Test data, continued

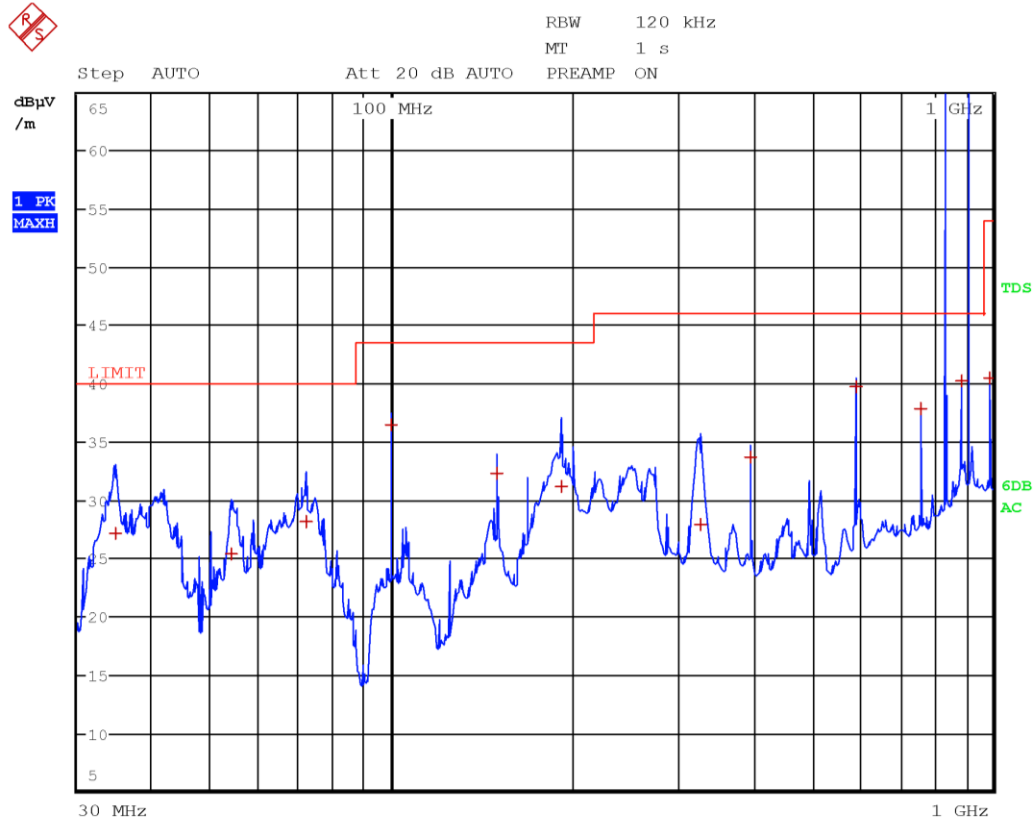


Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
99.9900	28.5	43.5	-15.0	QP
150.0000	32.1	43.5	-11.4	QP
200.0100	28.6	43.5	-14.9	QP
346.3800	24.8	46.0	-21.2	QP
396.0000	40.1	46.0	-5.9	QP
594.0000	32.5	46.0	-13.5	QP
759.1200	39.9	46.0	-6.1	QP
836.6000	121.3	--	--	PK
915.0000	116.1	--	--	PK
990.0000	36.8	54.0	-17.2	QP

Limit exceeded by the carriers

8.1.4 Test data, continued

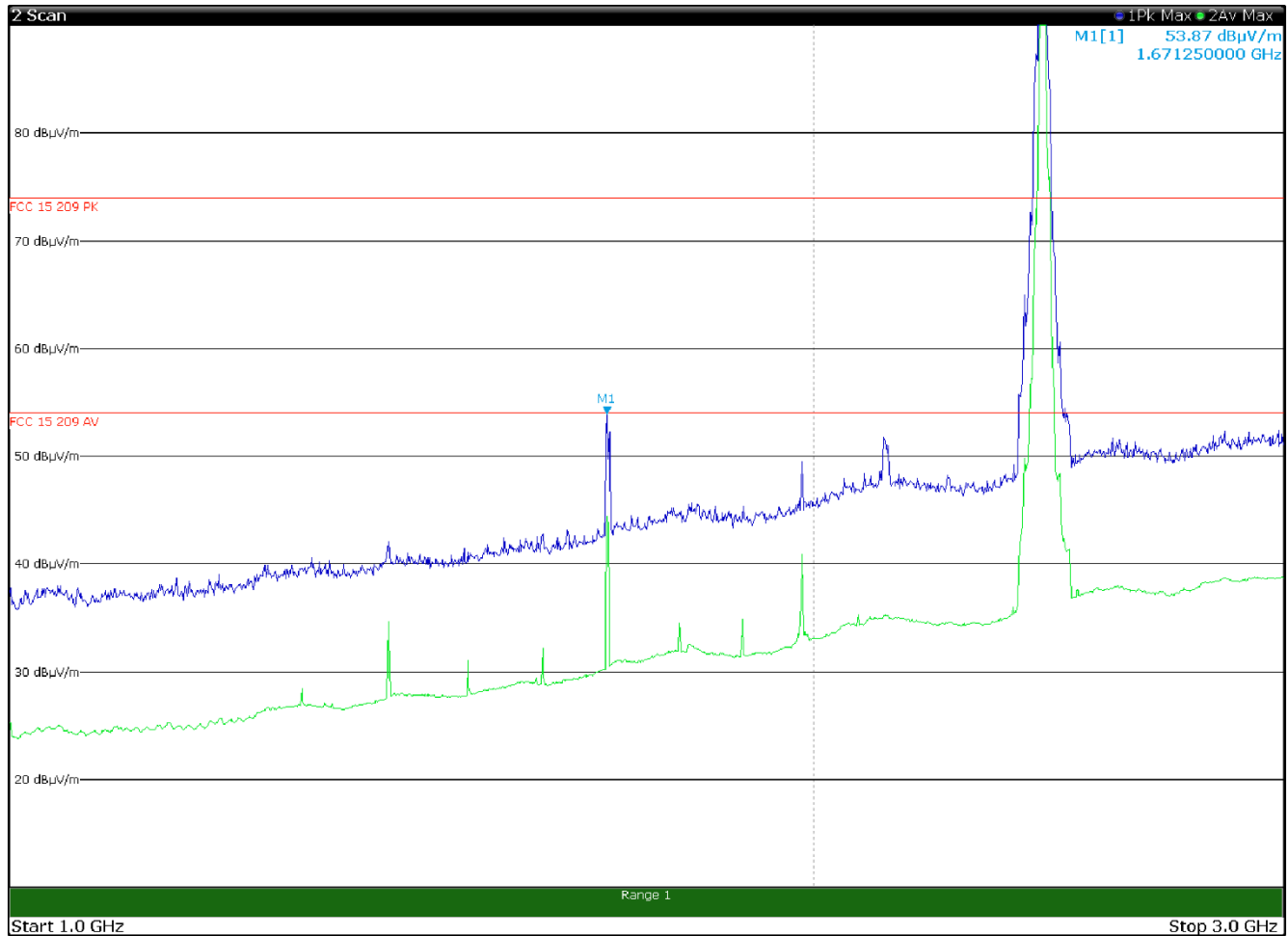


Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
34.6200	27.1	40.0	-12.9	QP
54.1500	25.4	40.0	-14.6	QP
72.0000	28.2	40.0	-11.8	QP
99.9900	36.5	43.5	-7.0	QP
150.0000	32.3	43.5	-11.2	QP
191.2500	31.3	43.5	-12.2	QP
327.6600	28.0	46.0	-18.0	QP
396.0000	33.7	46.0	-12.3	QP
594.0000	39.8	46.0	-6.2	QP
759.1200	37.9	46.0	-8.1	QP
836.6000	112.7	--	--	PK
891.0000	40.3	46.0	-5.7	QP
915.0000	127.9	--	--	PK
990.0000	40.5	54.0	-13.5	QP

Limit exceeded by the carriers

8.1.4 Test data, continued



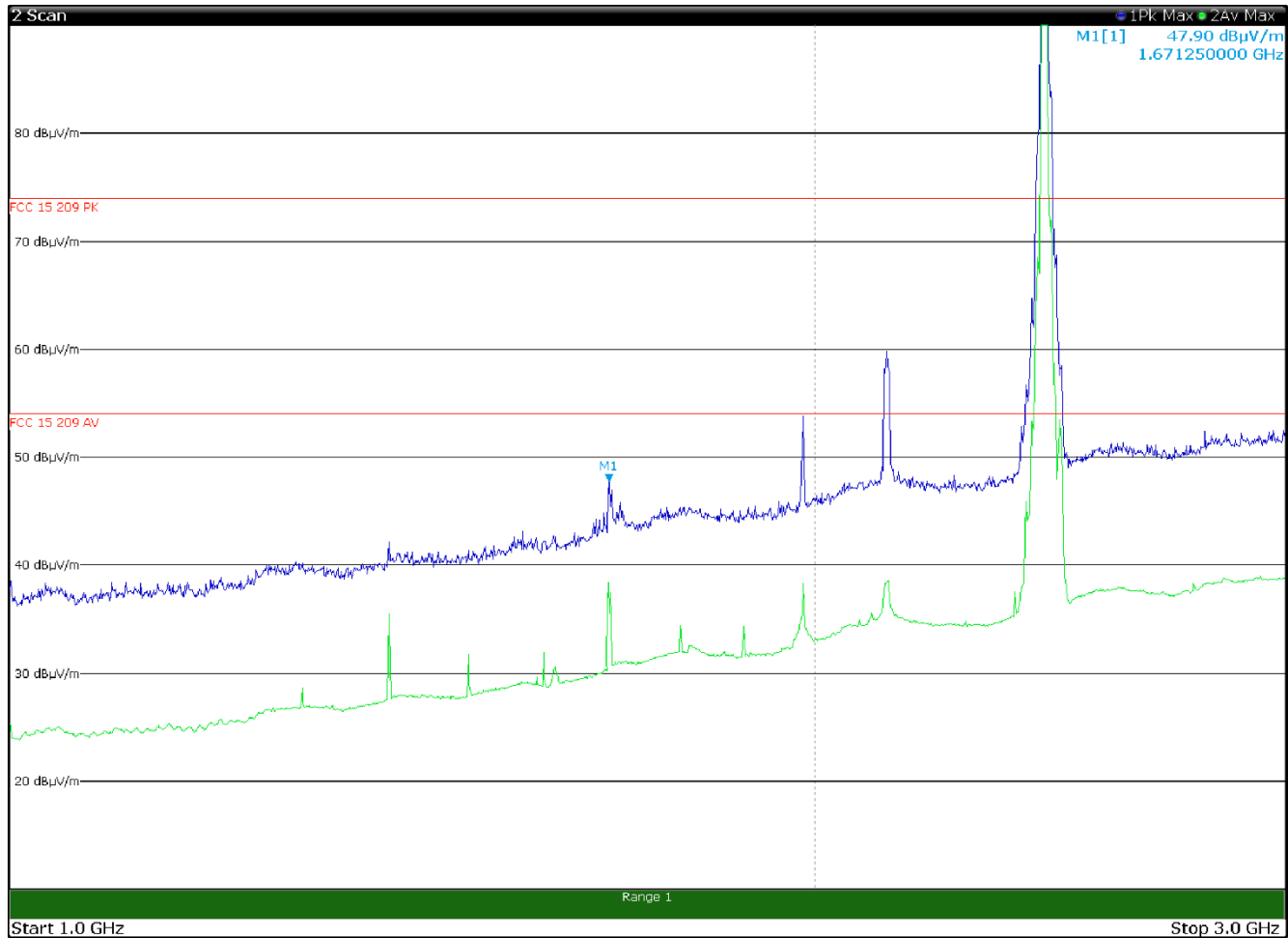
Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1386.0000	34.7	54.0	-19.3	Av
1671.2500	53.9	82.2	-28.3	Pk
1980.0000	40.9	54.0	-13.1	Av
2125.5000	51.9	74.0	-22.1	Pk
2437.0000	113.8	--	--	Pk

Limit exceeded by the carriers

The limit for FCC 22.917 is -13 dBm. Limit (dBμV/m) = limit (dBm) + 95.23 = 82.2 dBμV/m

8.1.4 Test data, continued



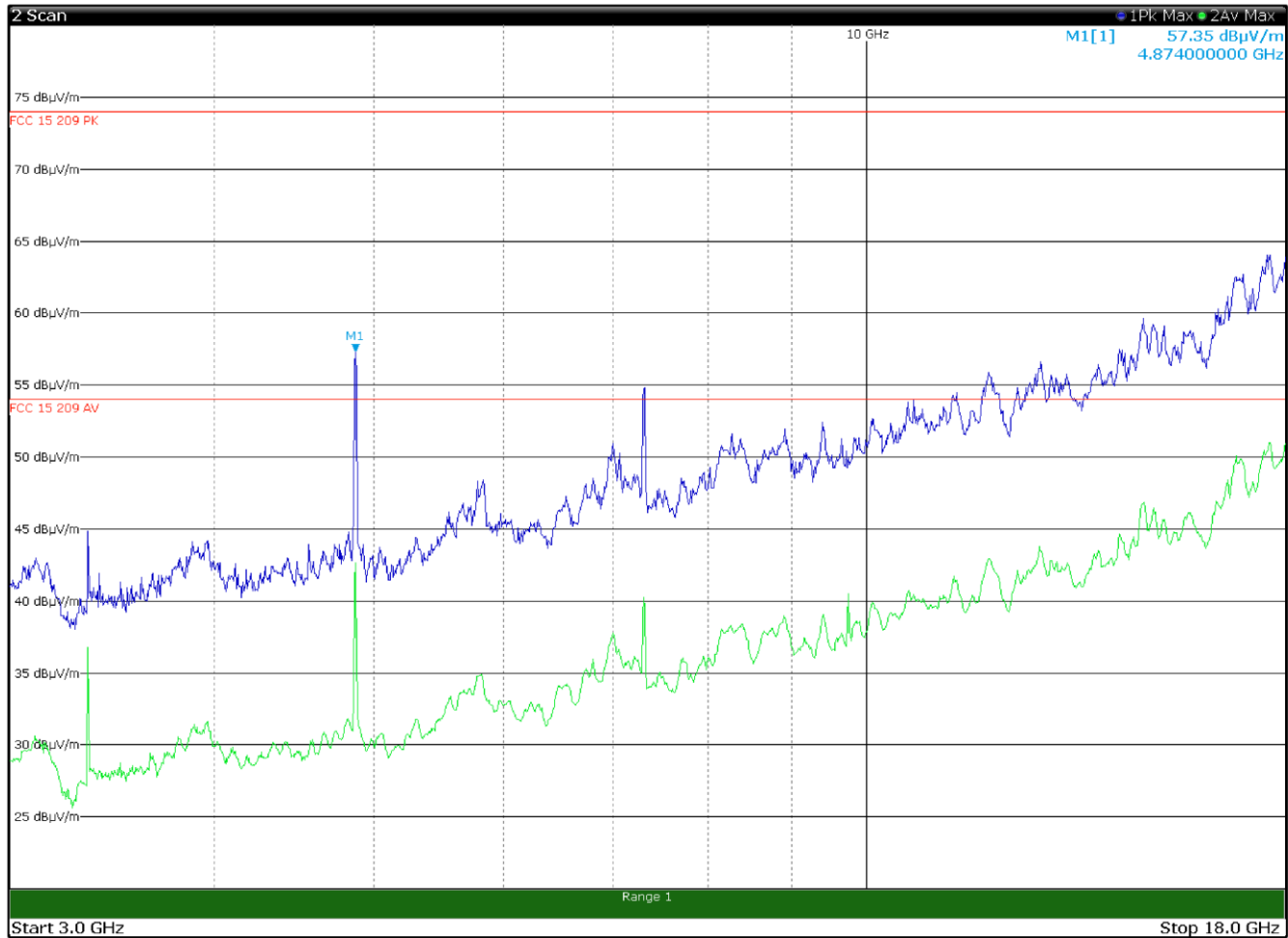
Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1386.0000	35.5	54.0	-18.5	Av
1671.2500	47.9	82.2	-34.3	Pk
1980.0000	53.9	74.0	-20.1	Pk
2128.7500	59.8	74.0	-14.2	Pk
2437.0000	106.3	--	--	Pk

Limit exceeded by the carriers

The limit for FCC 22.917 is -13 dBm. Limit (dBμV/m) = limit (dBm) + 95.23 = 82.2 dBμV/m

8.1.4 Test data, continued



09:34:56 25.03.2019

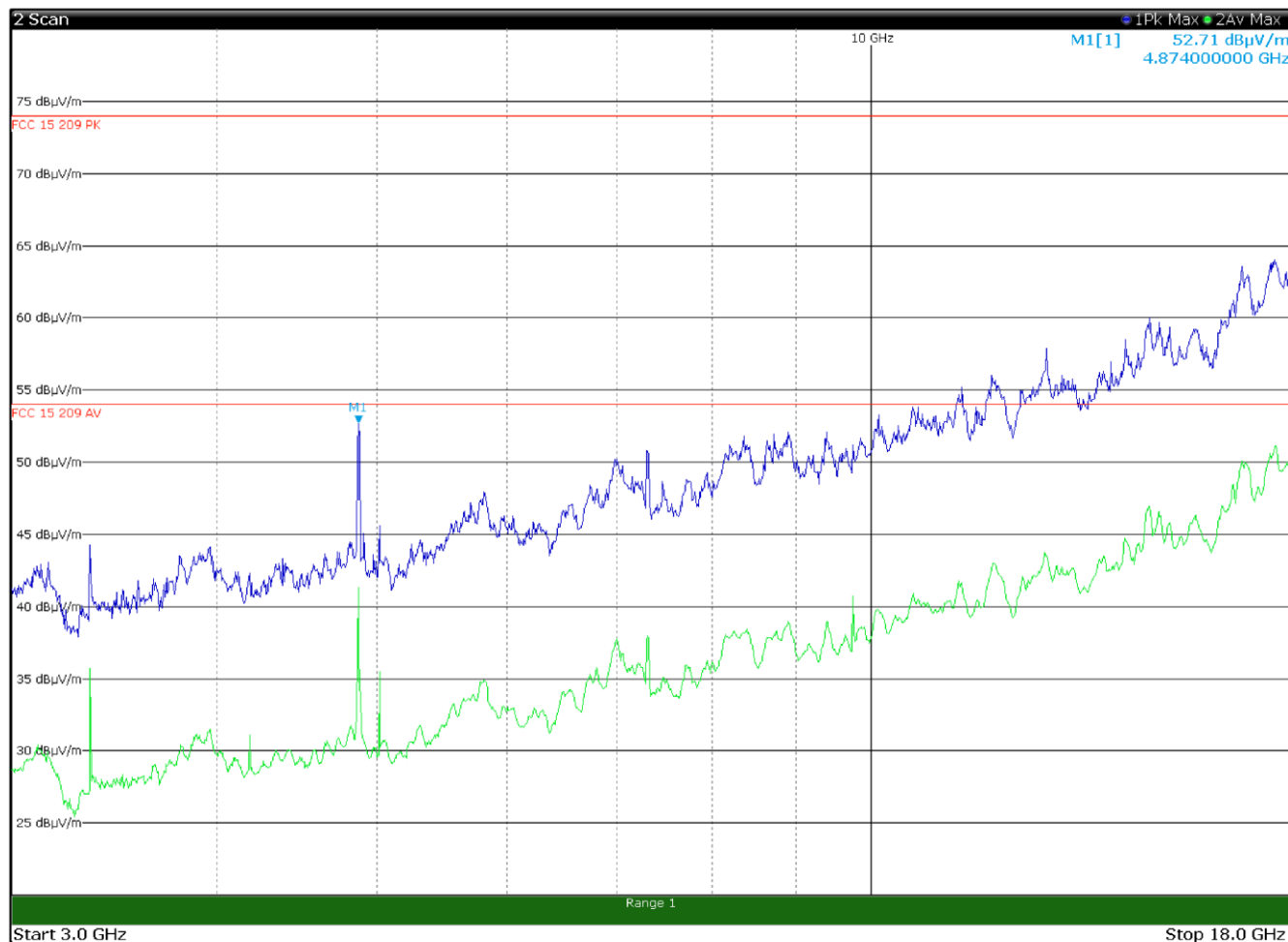
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Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
4874.0000	58.5	74.0	-15.5	Pk
4874.0000	50.1	54.0	-3.9	Av
7311.0000	55.2	74.0	-18.8	Pk
7311.0000	46.8	54.0	-7.2	Av

The correction factor for the average value of pulsed emissions is $20 \log (DC) = 20 \log (0.38) = 8.4 \text{ dB}$

8.1.4 Test data, continued



Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
4874.0000	52.8	74.0	-21.2	Pk
4874.0000	44.4	54.0	-9.6	Av
7311.0000	51.3	74.0	-22.7	Pk
7311.0000	42.9	54.0	-11.1	Av

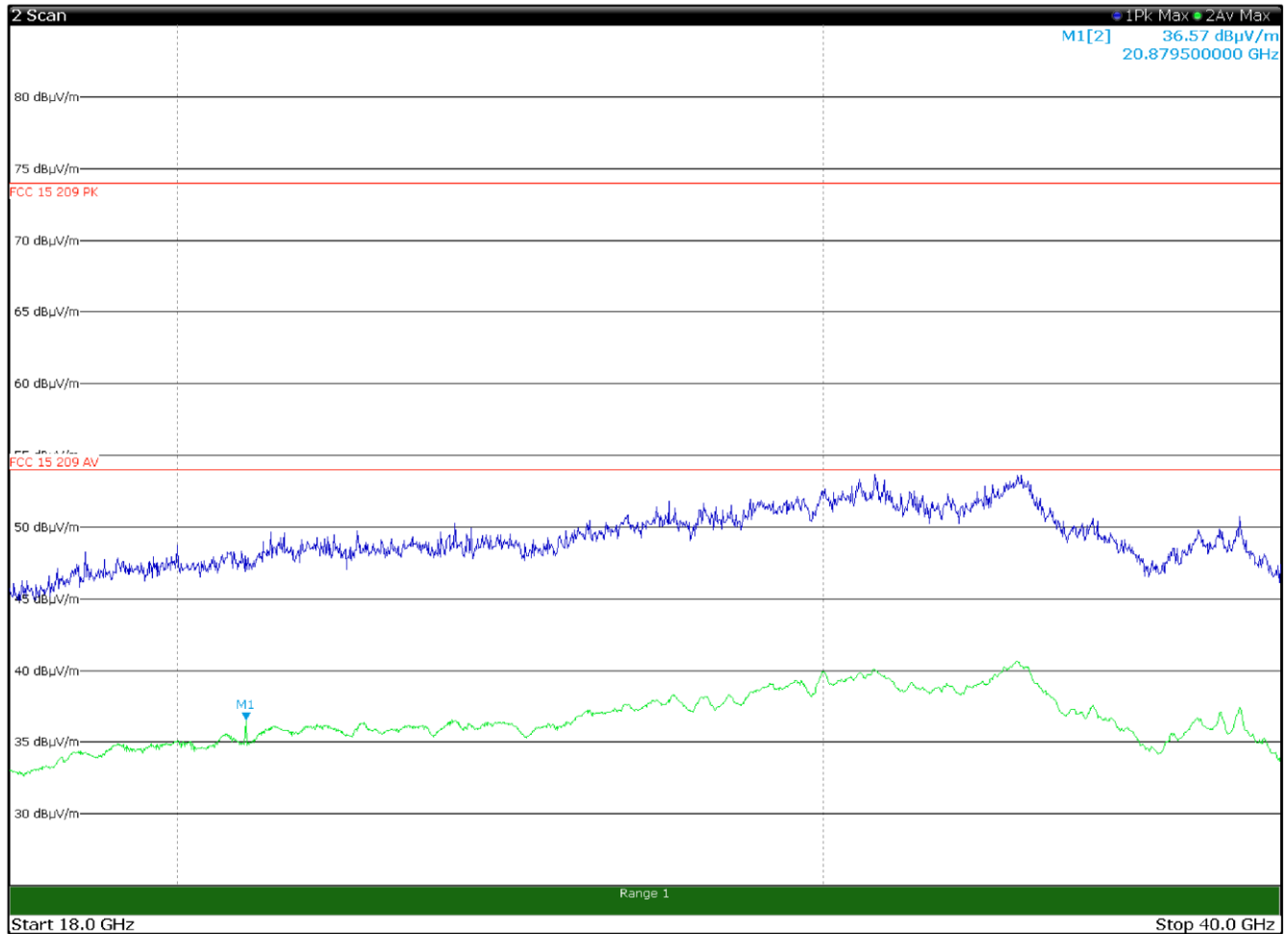
The correction factor for the average value of pulsed emissions is $20 \log (DC) = 20 \log (0.38) = 8.4 \text{ dB}$

Section 8
Test name
Specification

Testing data
Radiated emission limits
FCC §15.209 (f), §15.247 (d), §15.407 (b), §27.53 (c), §27.53 (h), RSS-Gen Issue 5 §8.9
RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1



8.1.4 Test data, continued



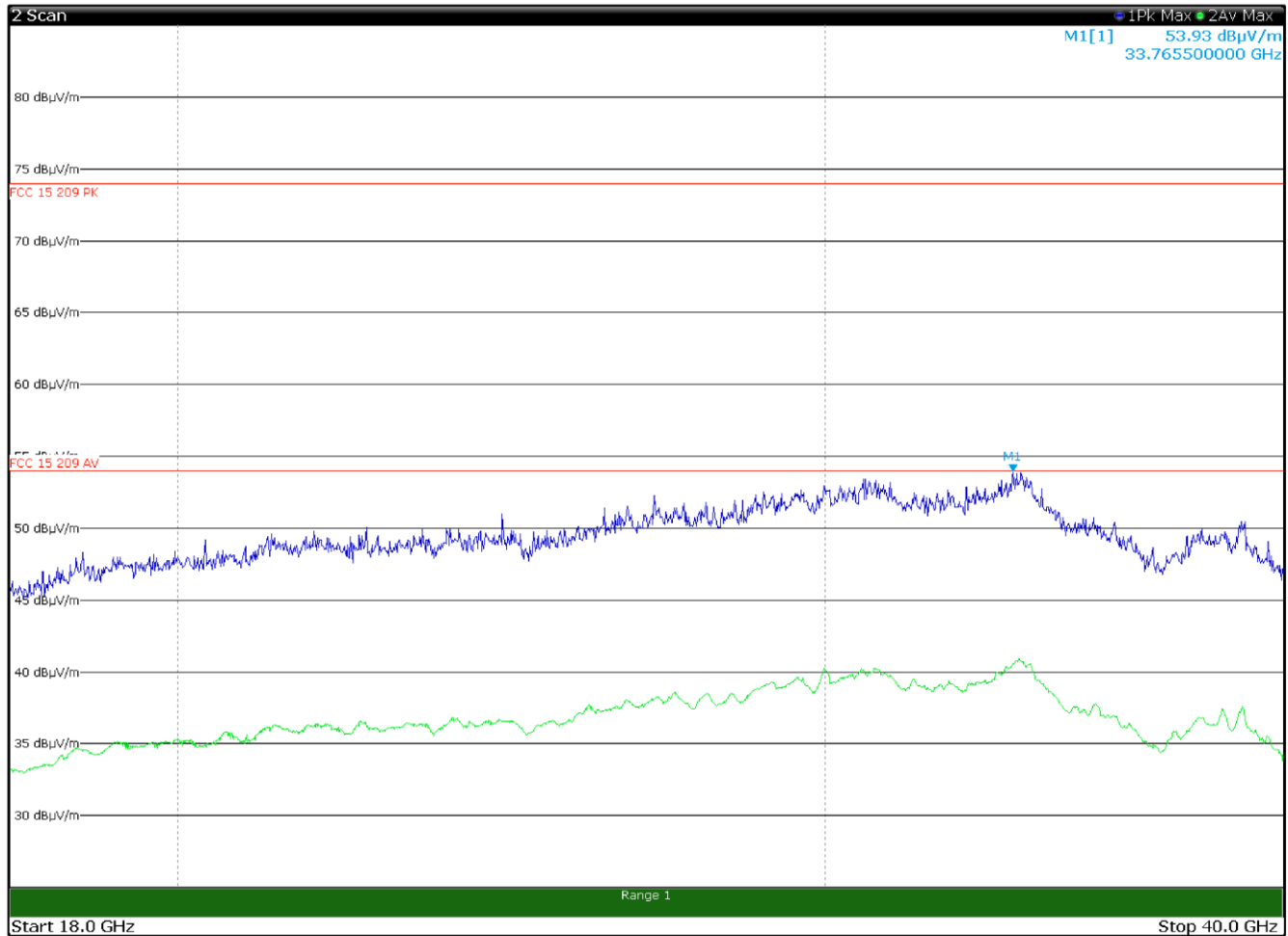
Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Section 8
Test name
Specification

Testing data
Radiated emission limits
FCC §15.209 (f), §15.247 (d), §15.407 (b), §27.53 (c), §27.53 (h), RSS-Gen Issue 5 §8.9
RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1

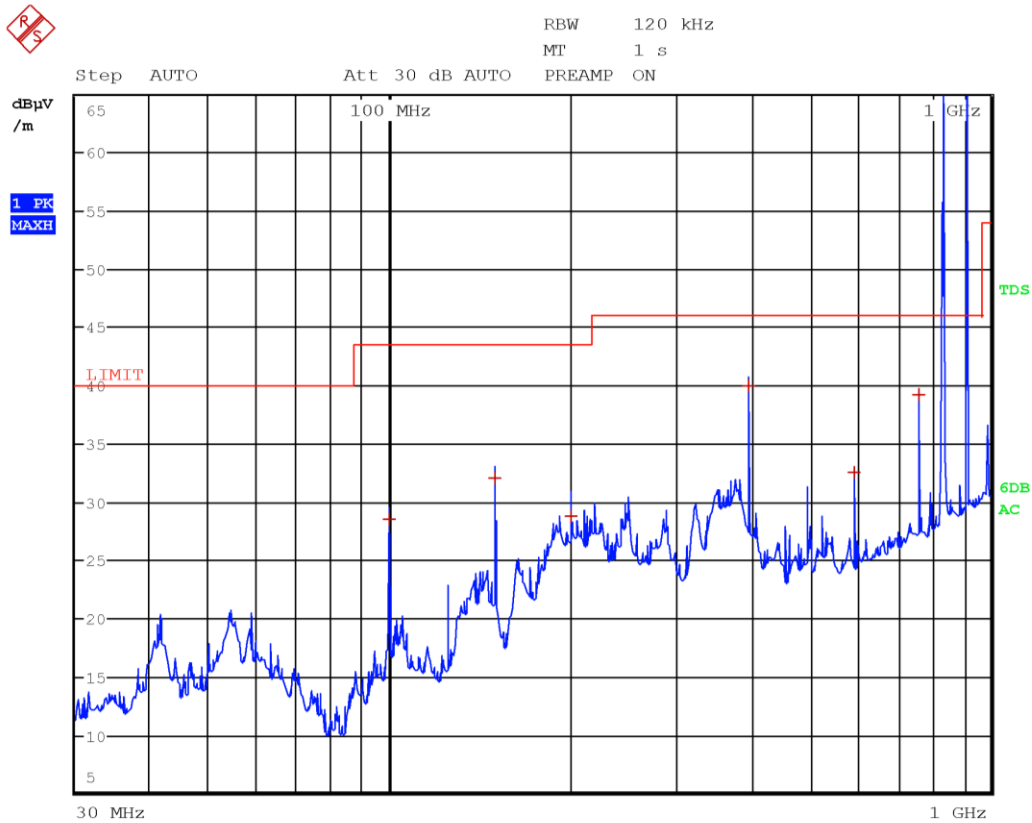


8.1.4 Test data, continued



Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

8.1.4 Test data, continued



Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
99.9900	28.5	43.5	-15.0	QP
150.0000	32.1	43.5	-11.4	QP
200.0100	28.8	43.5	-14.7	QP
396.0000	40.1	46.0	-5.9	QP
594.0000	32.5	46.0	-13.5	QP
758.8800	39.3	46.0	-6.7	QP
836.6000	119.8	--	--	PK
915.0000	116.5	--	--	PK

Limit exceeded by the carriers

8.1.4 Test data, continued

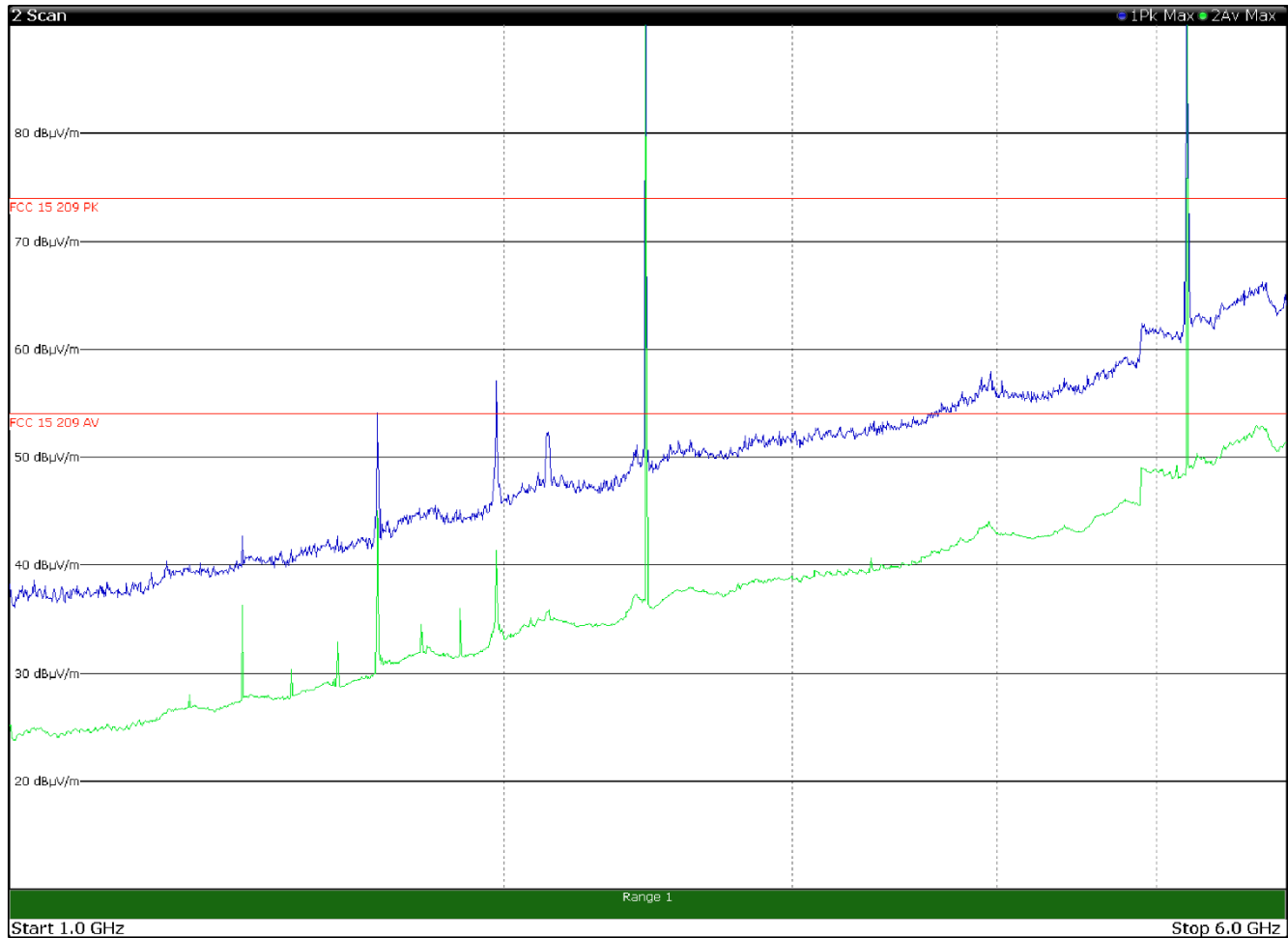


Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
41.6100	27.1	40.0	-12.9	QP
54.1800	26.9	40.0	-13.1	QP
71.9700	27.8	40.0	-12.2	QP
99.9900	36.2	43.5	-7.3	QP
150.0000	32.3	43.5	-11.2	QP
200.0100	32.2	43.5	-11.3	QP
325.1700	25.4	46.0	-20.6	QP
396.0000	32.4	46.0	-13.6	QP
594.0000	40.0	46.0	-6.0	QP
758.9100	35.6	46.0	-10.4	QP
836.6000	112.5	--	--	PK
891.0000	37.8	46.0	-8.2	QP
915.0000	127.6	--	--	PK
990.0000	37.9	54.0	-16.1	QP

Limit exceeded by the carriers

8.1.4 Test data, continued



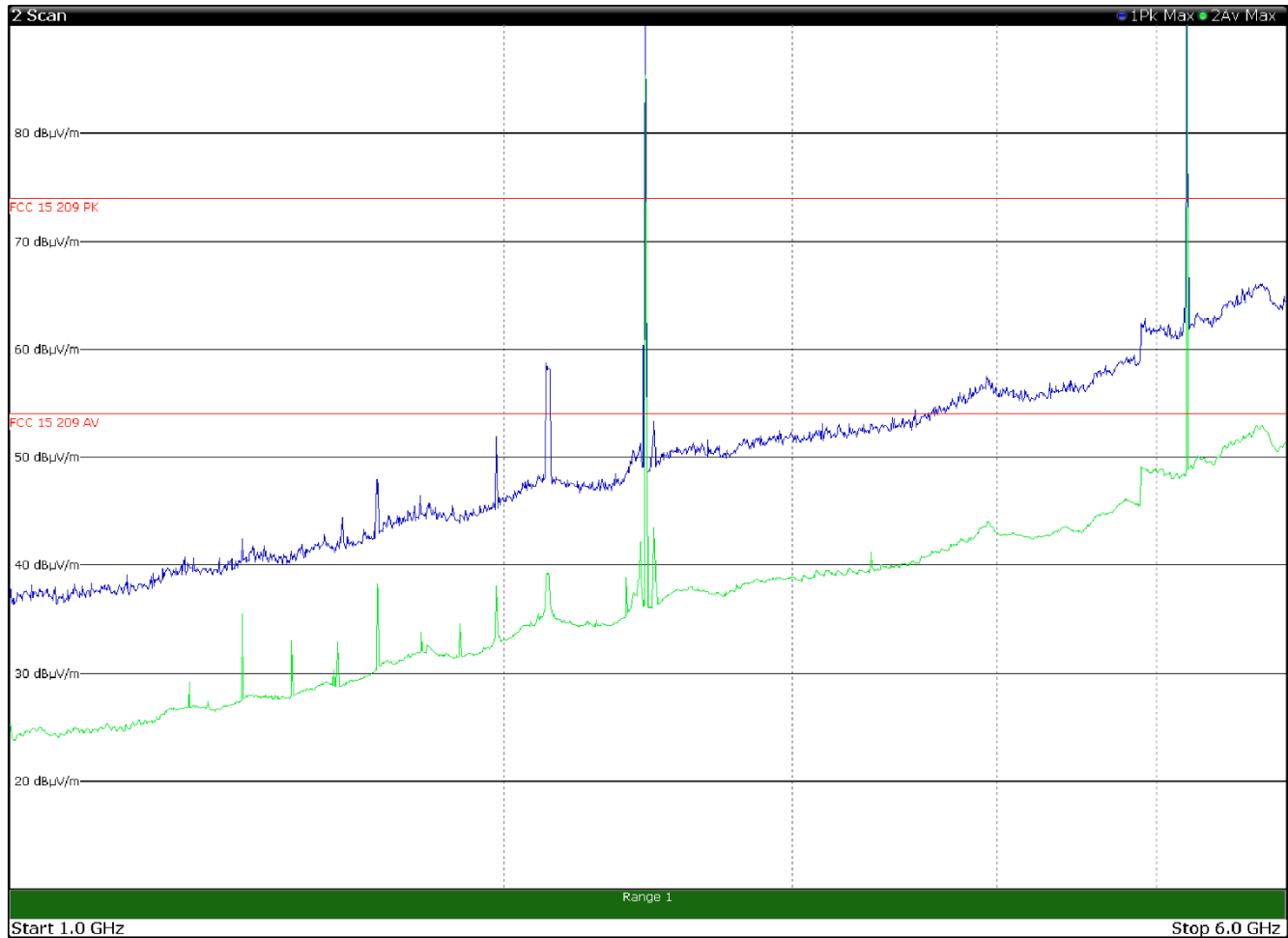
Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1386.0000	36.4	54.0	-17.6	Av
1671.2500	54.1	82.2	-28.1	Pk
1980.0000	57.1	74.0	-16.9	Pk
1980.0000	41.4	54.0	-12.6	Av
2128.5000	52.4	74.0	-21.6	Pk
2441.0000	99.6	--	--	Pk
5220.0000	118.3	--	--	Pk

Limit exceeded by the carriers

The limit for FCC 22.917 is -13 dBm. Limit (dBμV/m) = limit (dBm) + 95.23 = 82.2 dBμV/m

8.1.4 Test data, continued



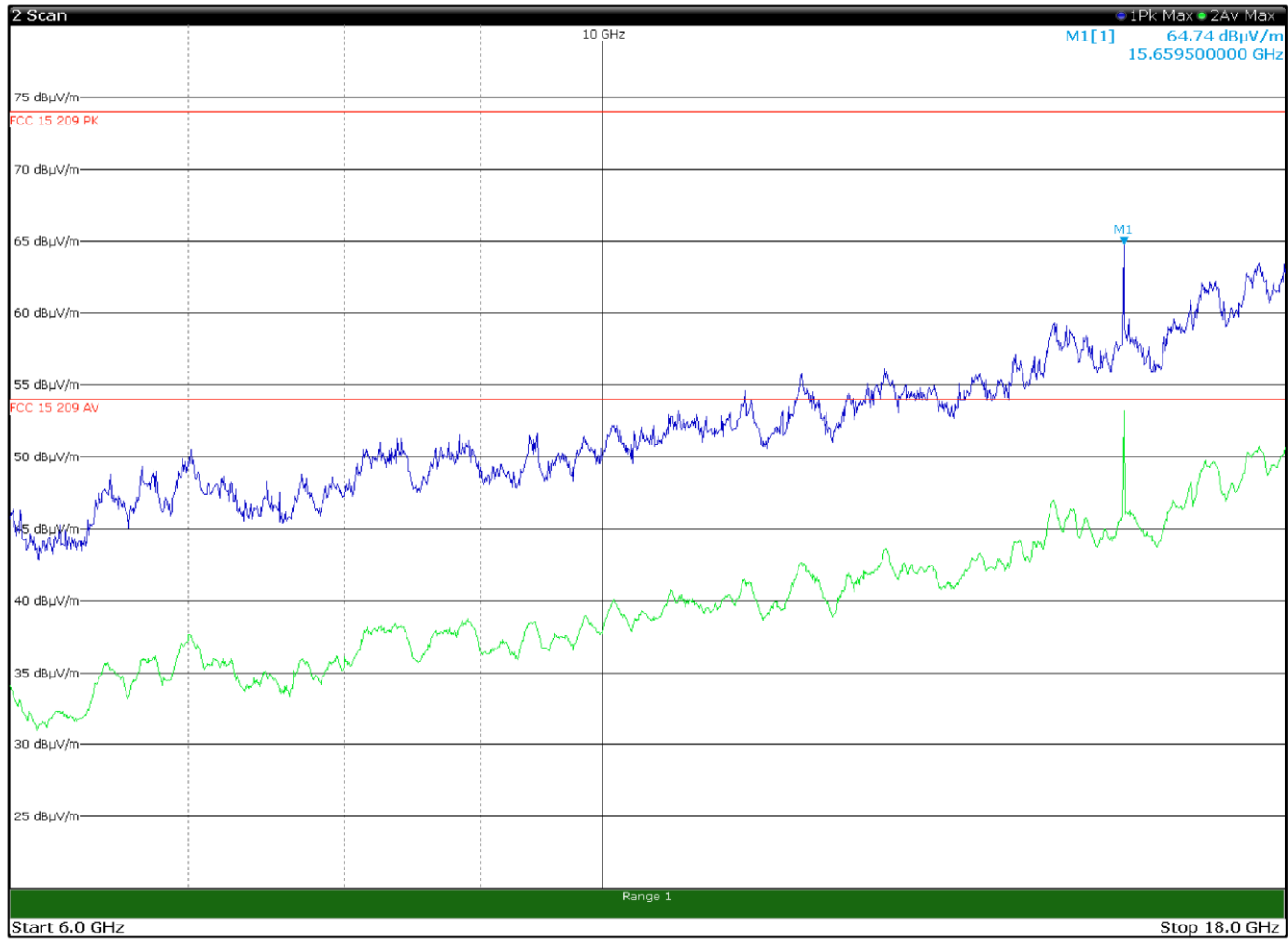
Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1671.2500	47.6	82.2	-34.6	Pk
1980.0000	51.9	74.0	-22.1	Pk
2123.5000	58.8	74.0	-15.2	Pk
2441.0000	91.5	--	--	Pk
5220.0000	107.0	--	--	Pk

Limit exceeded by the carriers

The limit for FCC 22.917 is -13 dBm. Limit (dBμV/m) = limit (dBm) + 95.23 = 82.2 dBμV/m

8.1.4 Test data, continued

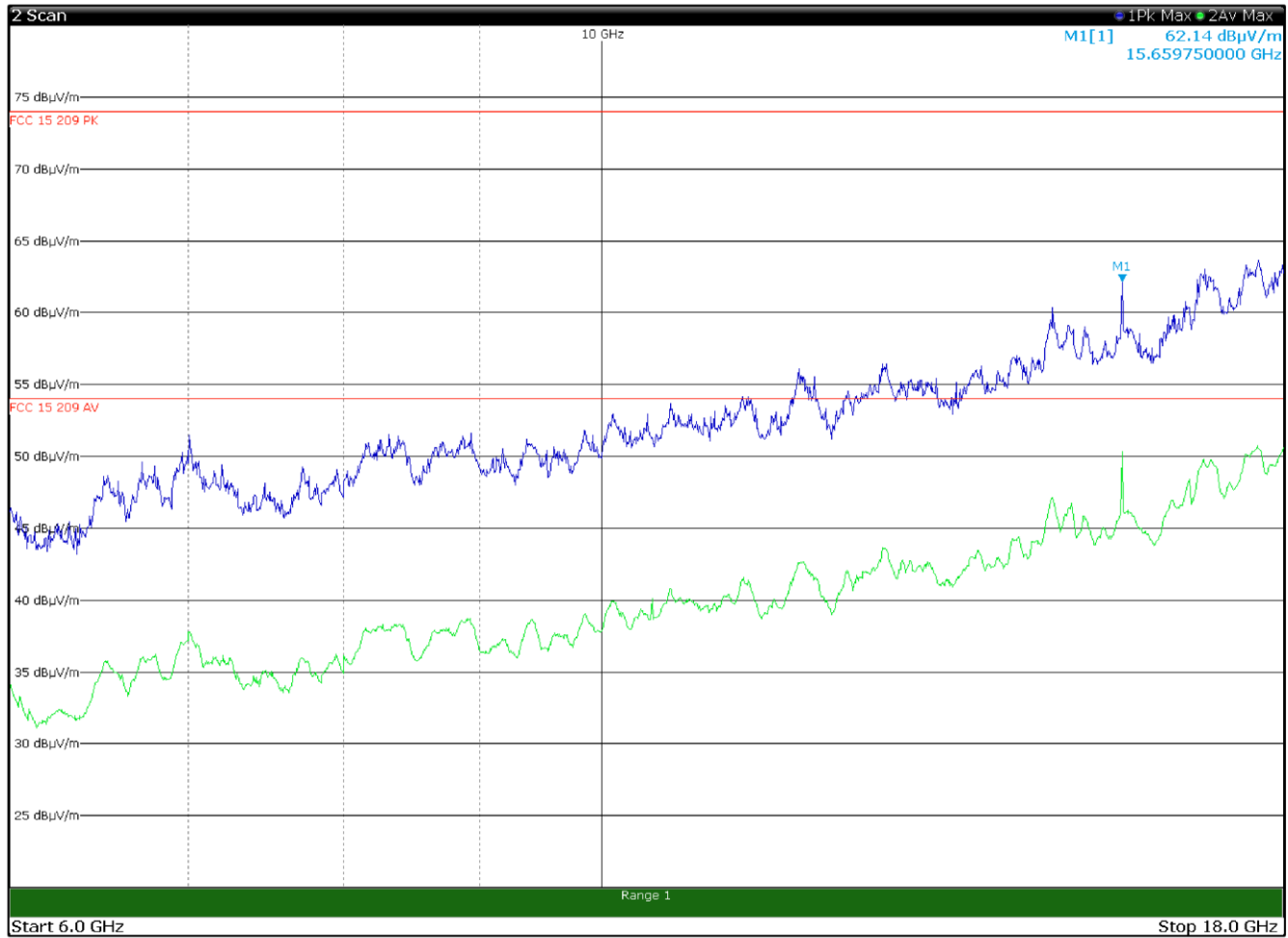


Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
15659.7500	64.8	74.0	-9.2	Pk
15659.7500	49.9	54.0	-4.1	Av

The correction factor for the average value of pulsed emissions is $20 \log (DC) = 20 \log (0.18) = 14.9 \text{ dB}$

8.1.4 Test data, continued



Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
15659.7500	62.2	74.0	-11.8	Pk
15659.7500	47.3	54.0	-6.7	Av

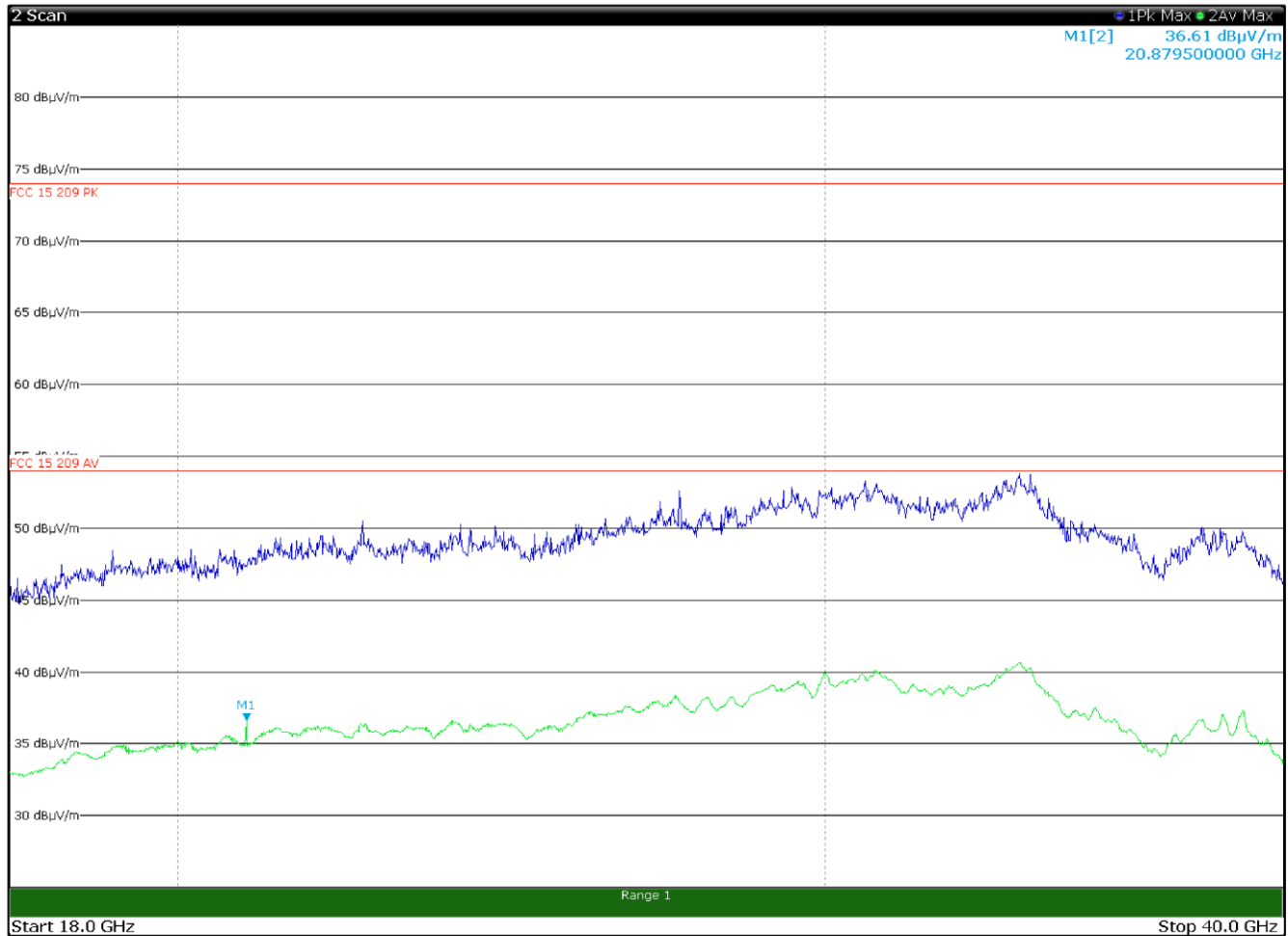
The correction factor for the average value of pulsed emissions is $20 \log (DC) = 20 \log (0.18) = 14.9 \text{ dB}$

Section 8
Test name
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Testing data
Radiated emission limits
FCC §15.209 (f), §15.247 (d), §15.407 (b), §27.53 (c), §27.53 (h), RSS-Gen Issue 5 §8.9
RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1



8.1.4 Test data, continued



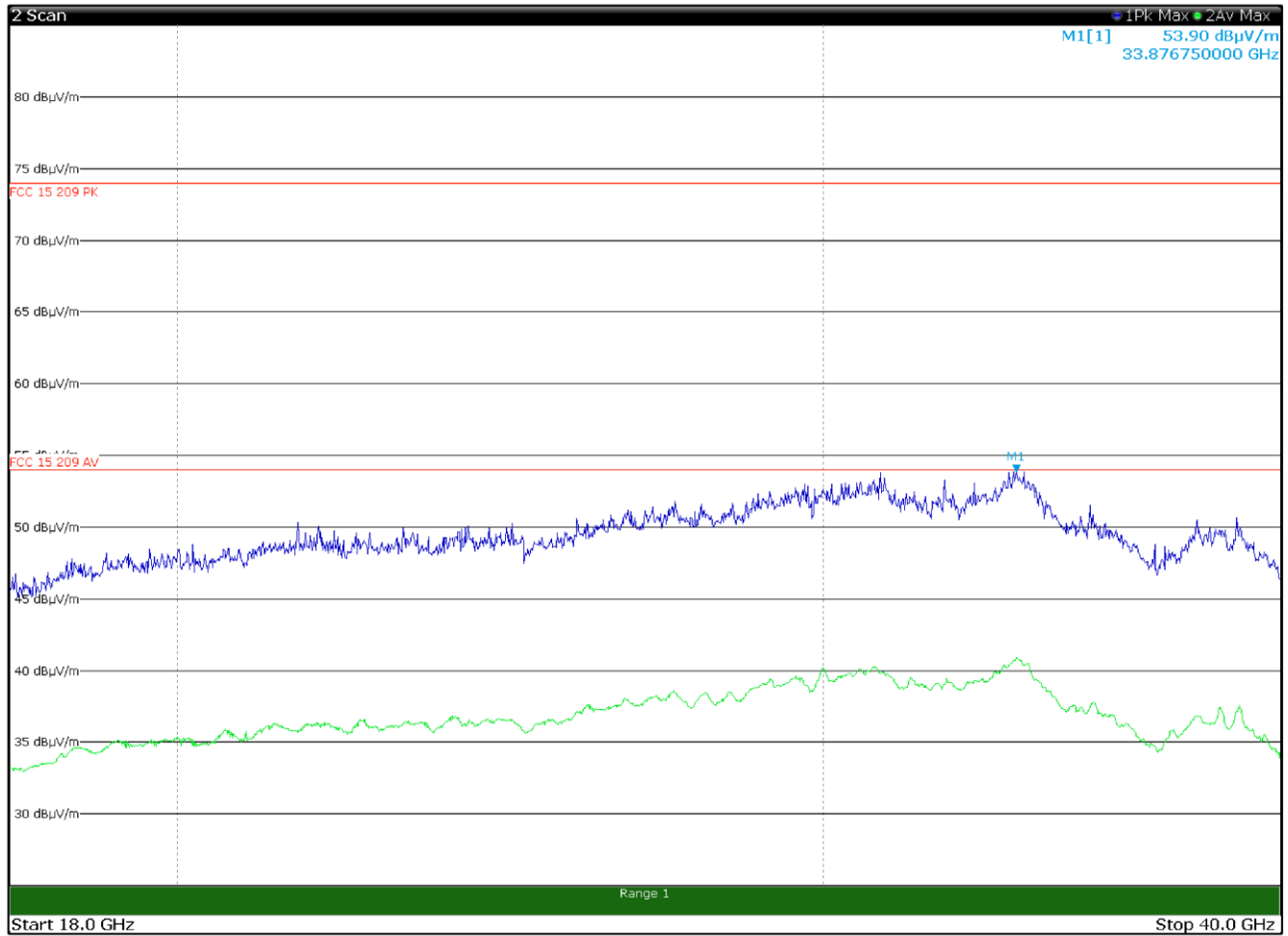
Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Section 8
Test name
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Testing data
Radiated emission limits
FCC §15.209 (f), §15.247 (d), §15.407 (b), §27.53 (c), §27.53 (h), RSS-Gen Issue 5 §8.9
RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1

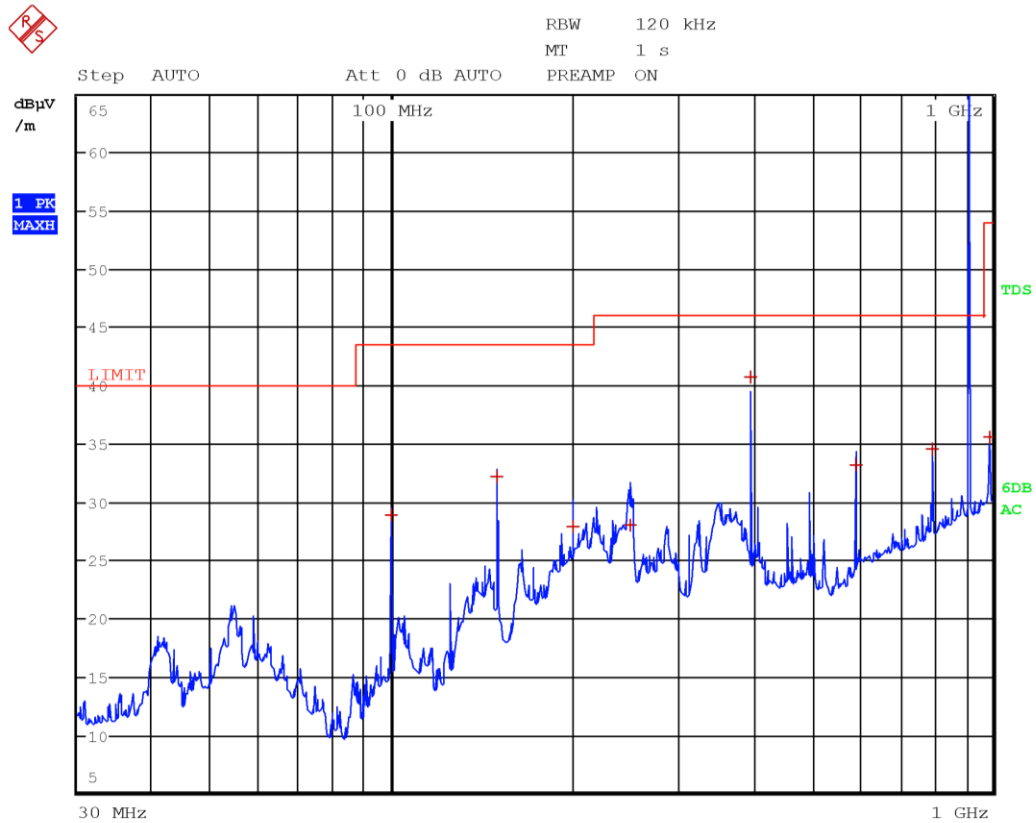


8.1.4 Test data, continued



Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 837 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

8.1.4 Test data, continued

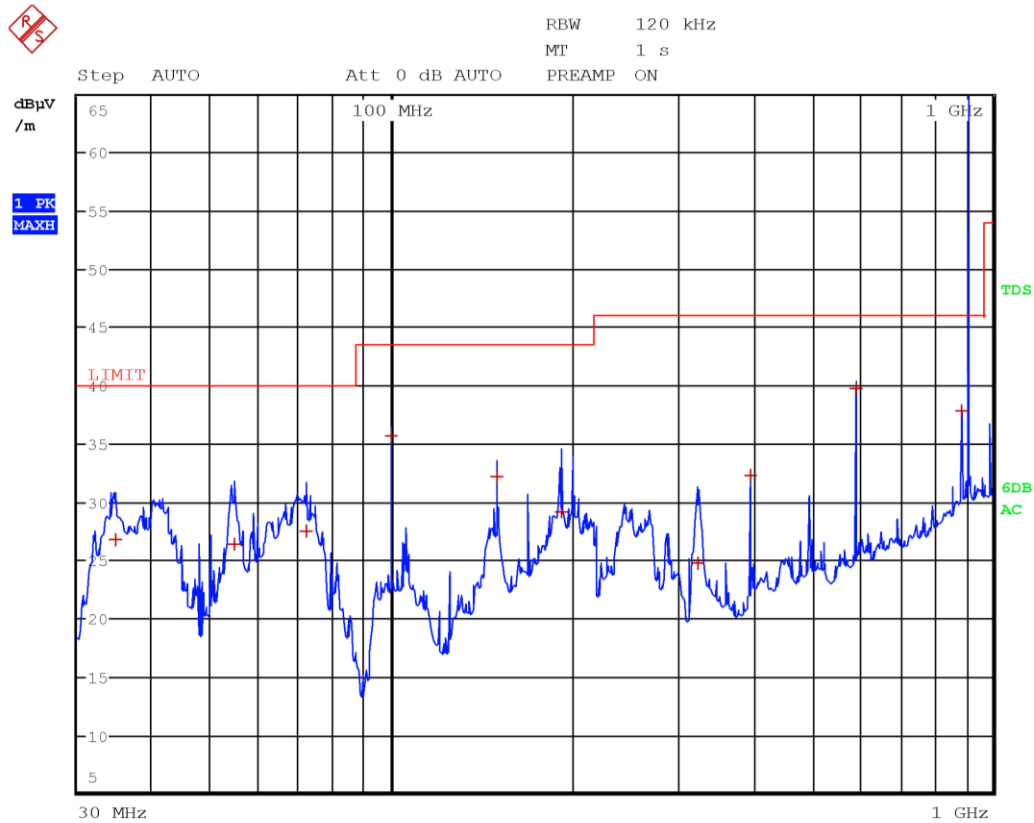


Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
99.9900	28.9	43.5	-14.6	QP
150.0000	32.2	43.5	-11.3	QP
200.0100	27.9	43.5	-15.6	QP
250.0200	28.0	46.0	-18.0	QP
396.0000	40.8	46.0	-5.2	QP
594.0000	33.2	46.0	-12.8	QP
792.0000	34.6	46.0	-11.4	QP
915.0000	116.2	--	--	PK
989.9700	35.6	54.0	-18.4	QP

Limit exceeded by the carriers

8.1.4 Test data, continued

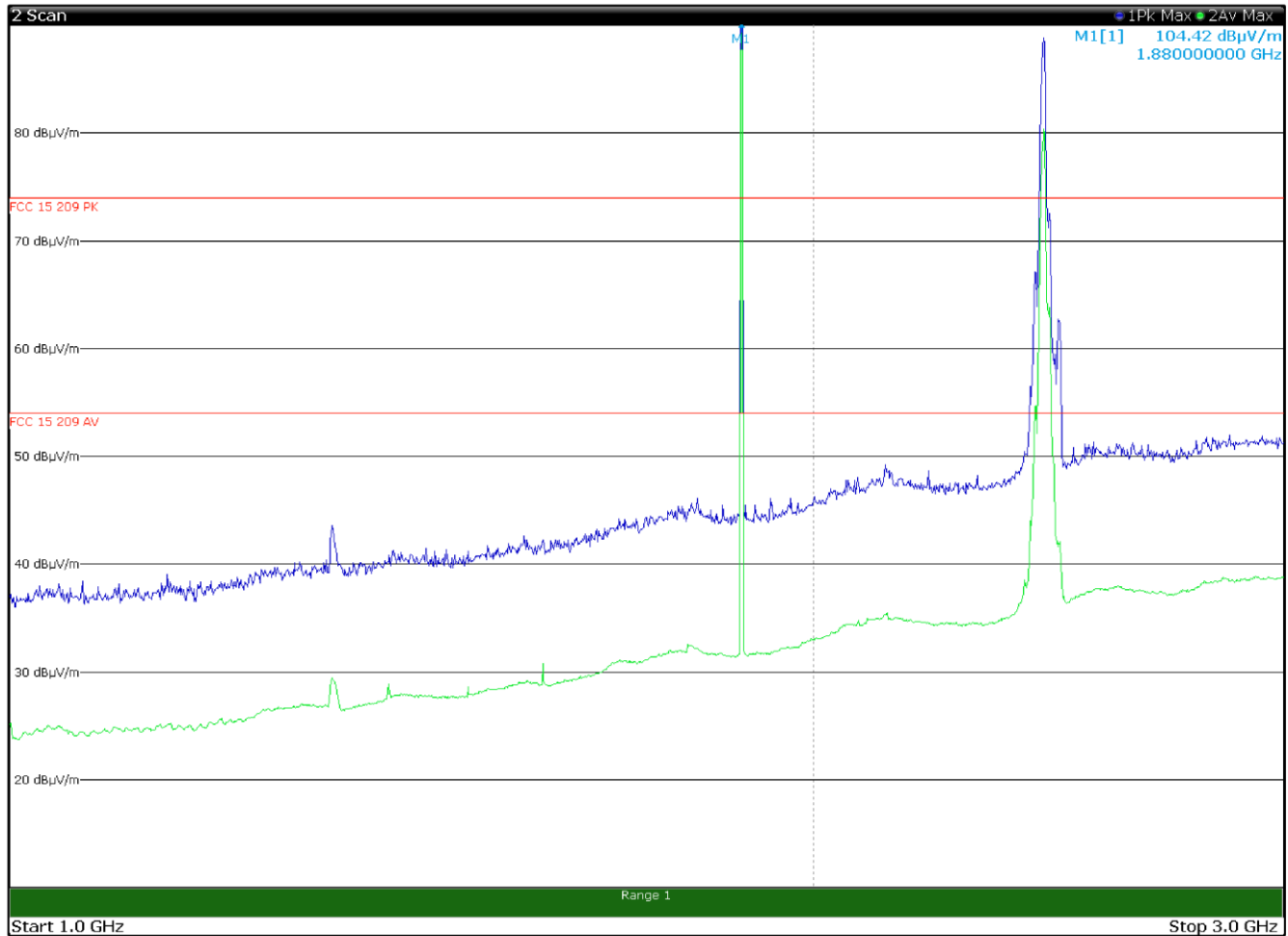


Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
34.6200	26.7	40.0	-13.3	QP
54.7500	26.4	40.0	-13.6	QP
71.9700	27.6	40.0	-12.4	QP
99.9900	35.7	43.5	-7.8	QP
150.0000	32.2	43.5	-11.3	QP
191.9100	29.2	43.5	-14.3	QP
323.6100	24.7	46.0	-21.3	QP
396.0000	32.4	46.0	-13.6	QP
594.0000	39.8	46.0	-6.2	QP
891.0000	37.9	46.0	-8.1	QP
915.0000	127.7	--	--	PK

Limit exceeded by the carriers

8.1.4 Test data, continued

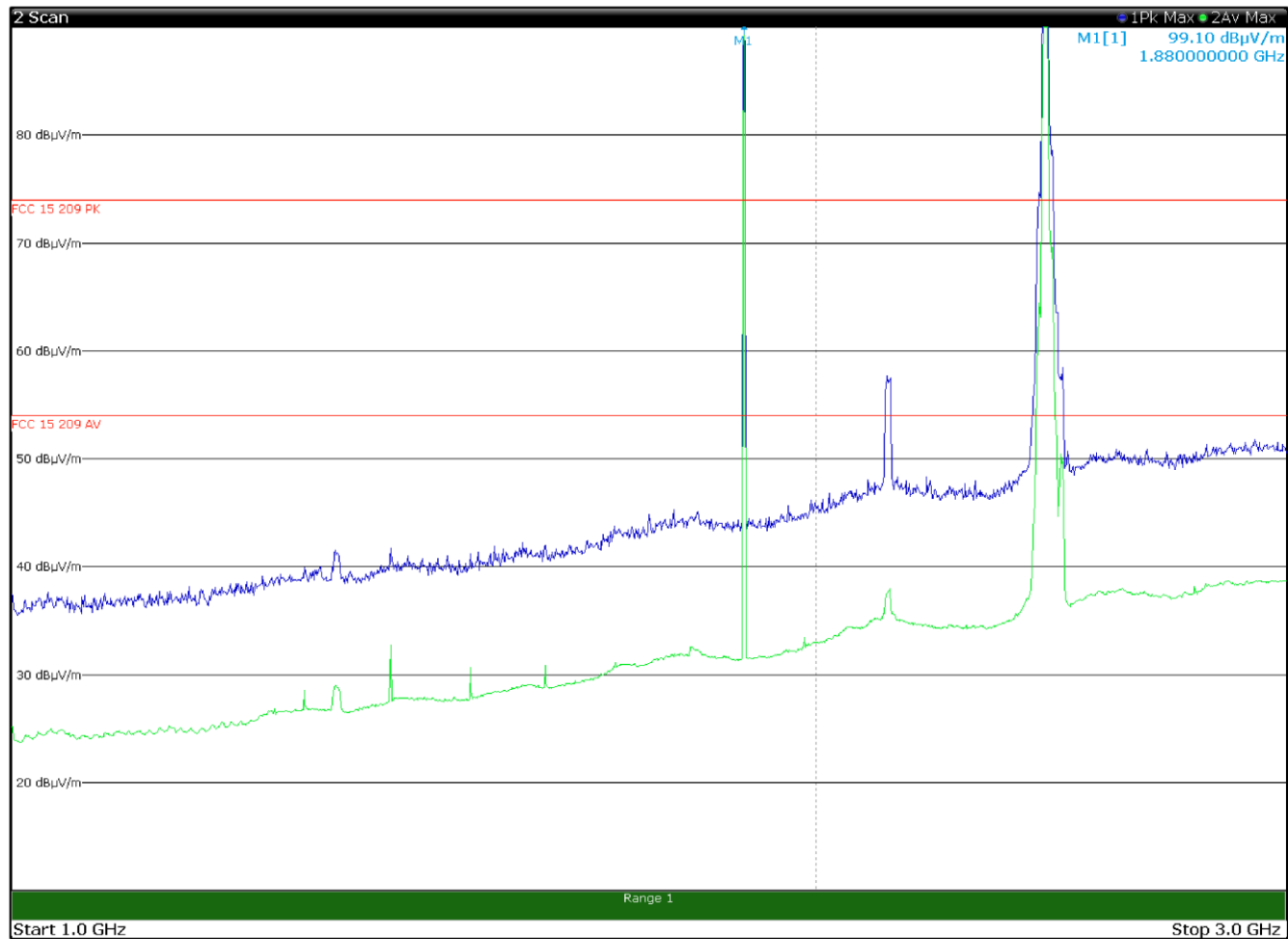


Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1880.0000	119.1	--	--	Pk
2437.0000	113.7	--	--	Pk

Limit exceeded by the carriers

8.1.4 Test data, continued

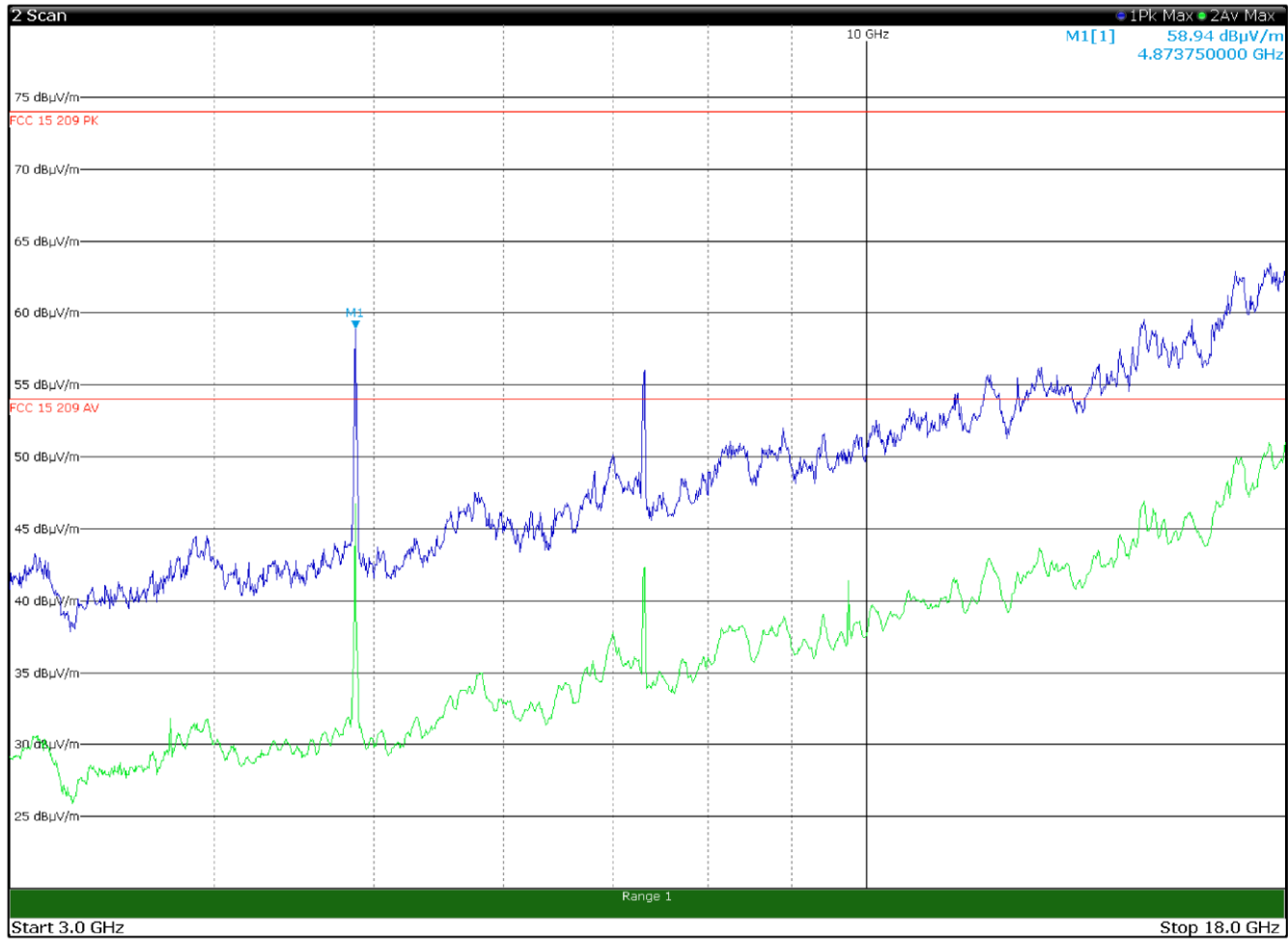


Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1880.0000	110.1	--	--	Pk
2437.0000	106.1	--	--	Pk

Limit exceeded by the carriers

8.1.4 Test data, continued

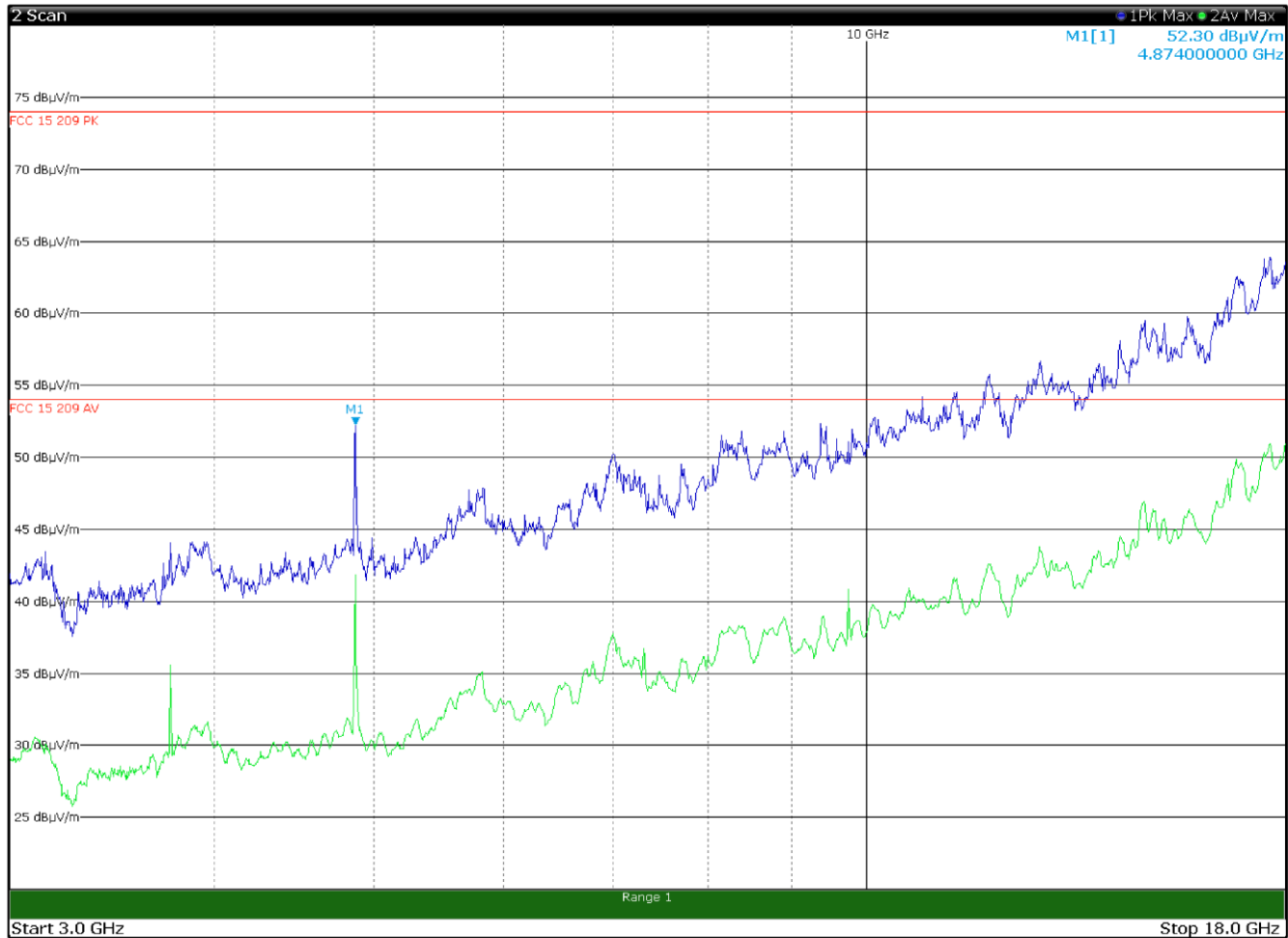


Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
4874.0000	59.0	74.0	-15.0	Pk
4874.0000	50.6	54.0	-3.4	Av
7311.0000	55.6	74.0	-18.4	Pk
7311.0000	47.2	54.0	-6.8	Av

The correction factor for the average value of pulsed emissions is $20 \log (DC) = 20 \log (0.38) = 8.4 \text{ dB}$

8.1.4 Test data, continued



Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
4874.0000	52.3	74.0	-21.7	Pk
4874.0000	43.9	54.0	-10.1	Av
7311.0000	49.8	74.0	-24.2	Pk
7311.0000	41.4	54.0	-12.6	Av

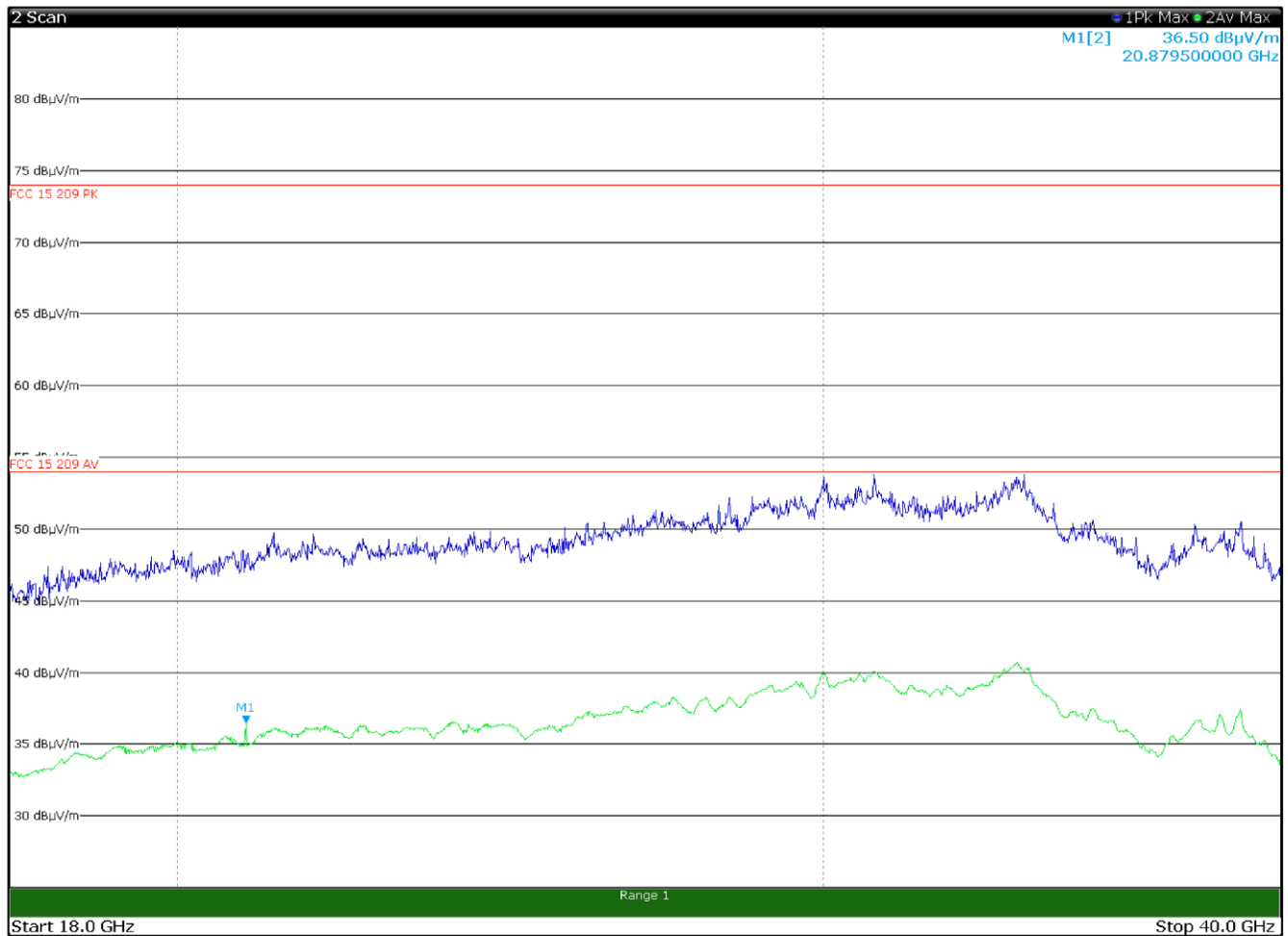
The correction factor for the average value of pulsed emissions is $20 \log (DC) = 20 \log (0.38) = 8.4 \text{ dB}$

Section 8
Test name
Specification

Testing data
Radiated emission limits
FCC §15.209 (f), §15.247 (d), §15.407 (b), §27.53 (c), §27.53 (h), RSS-Gen Issue 5 §8.9
RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1



8.1.4 Test data, continued



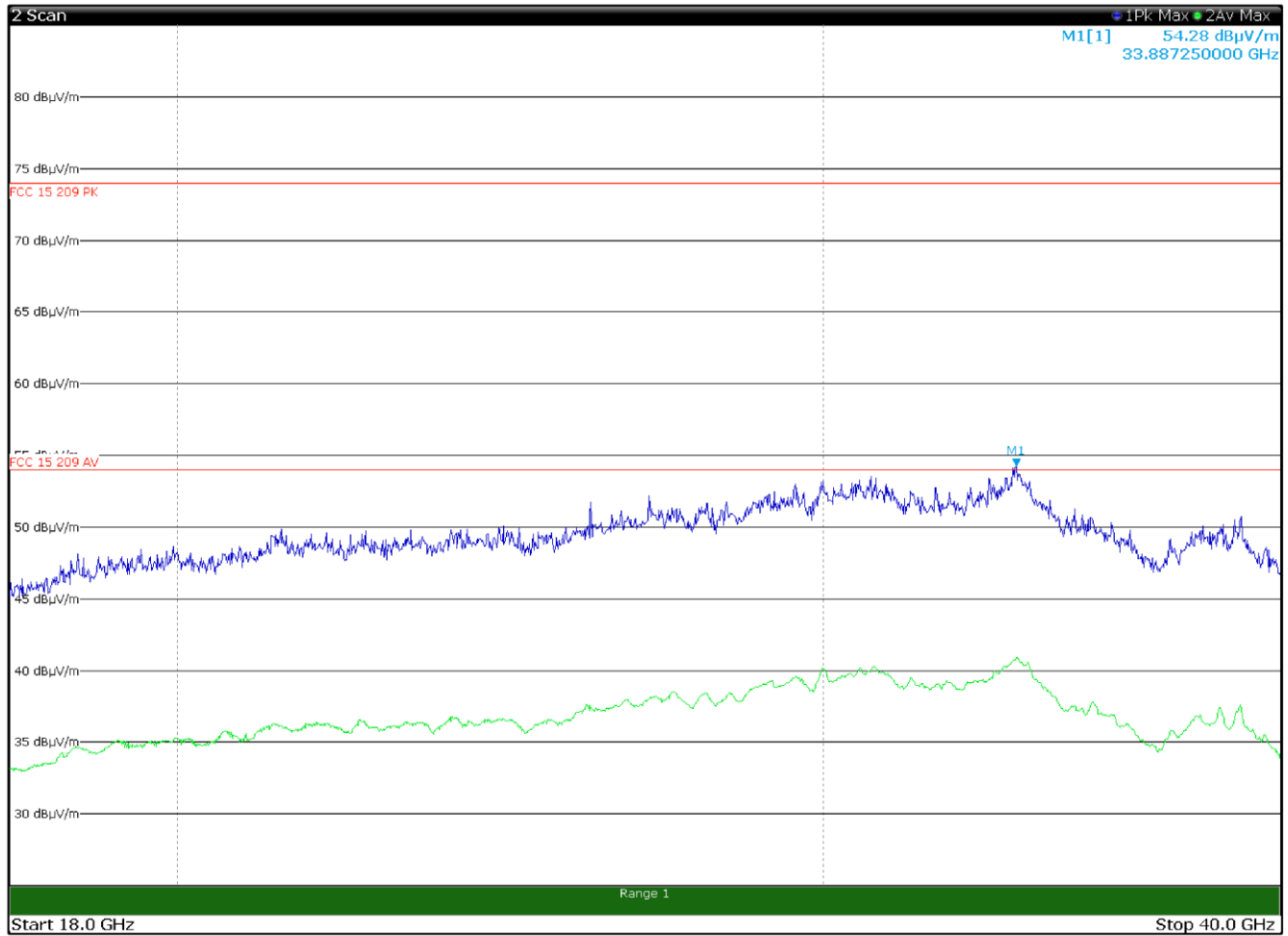
Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

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FCC §15.209 (f), §15.247 (d), §15.407 (b), §27.53 (c), §27.53 (h), RSS-Gen Issue 5 §8.9
RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1

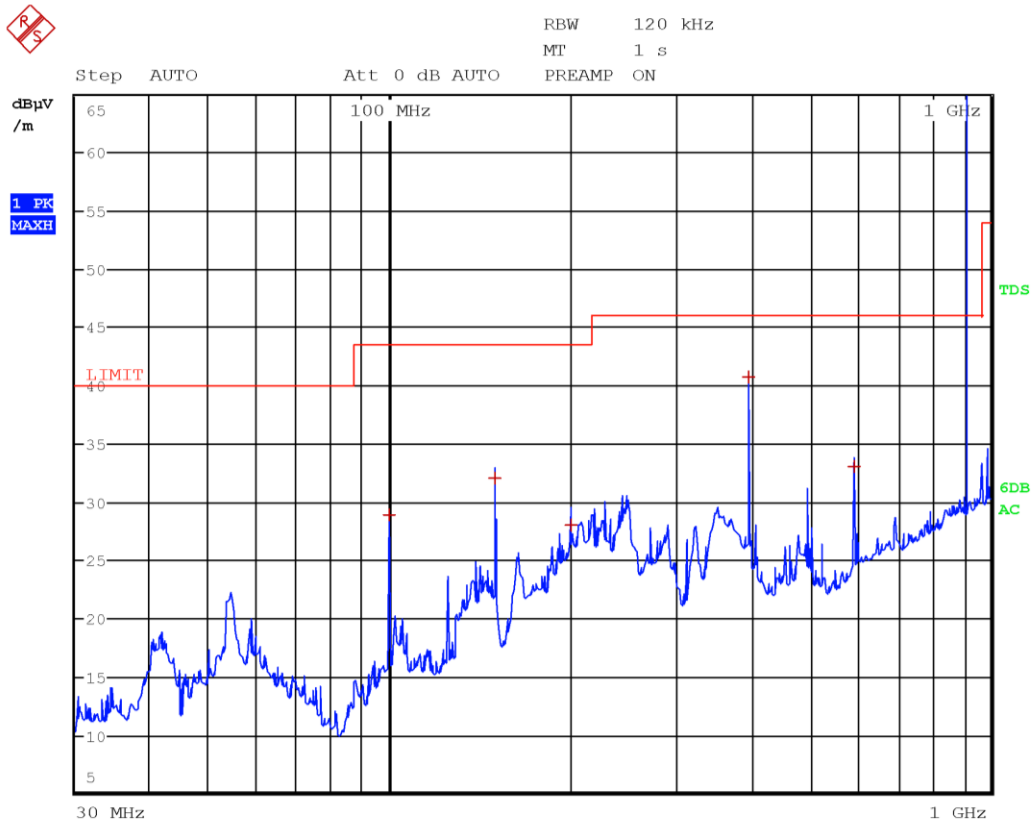


8.1.4 Test data, continued



Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 2437 MHz and BT Tx at 2441 MHz (antenna configuration 2)

8.1.4 Test data, continued

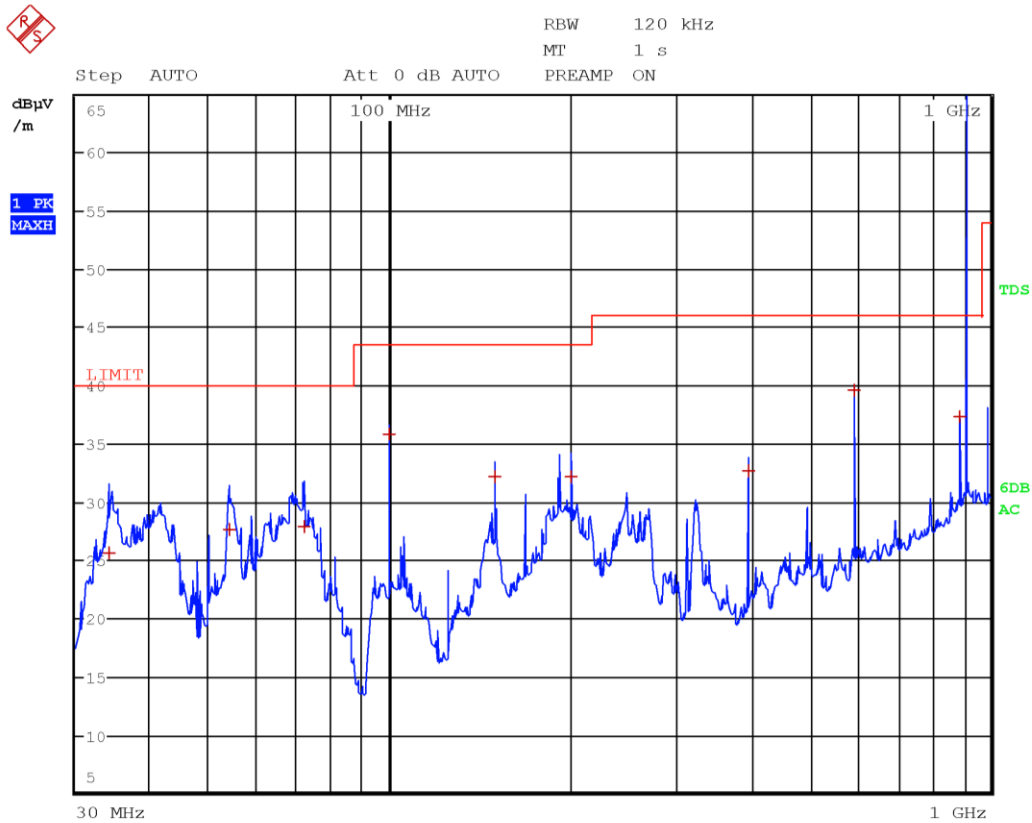


Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
99.9900	28.9	43.5	-14.6	QP
150.0000	32.1	43.5	-11.4	QP
200.0100	28.0	43.5	-15.5	QP
396.0000	40.8	46.0	-5.2	QP
594.0000	33.2	46.0	-12.8	QP
915.0000	116.6	--	--	PK

Limit exceeded by the carriers

8.1.4 Test data, continued

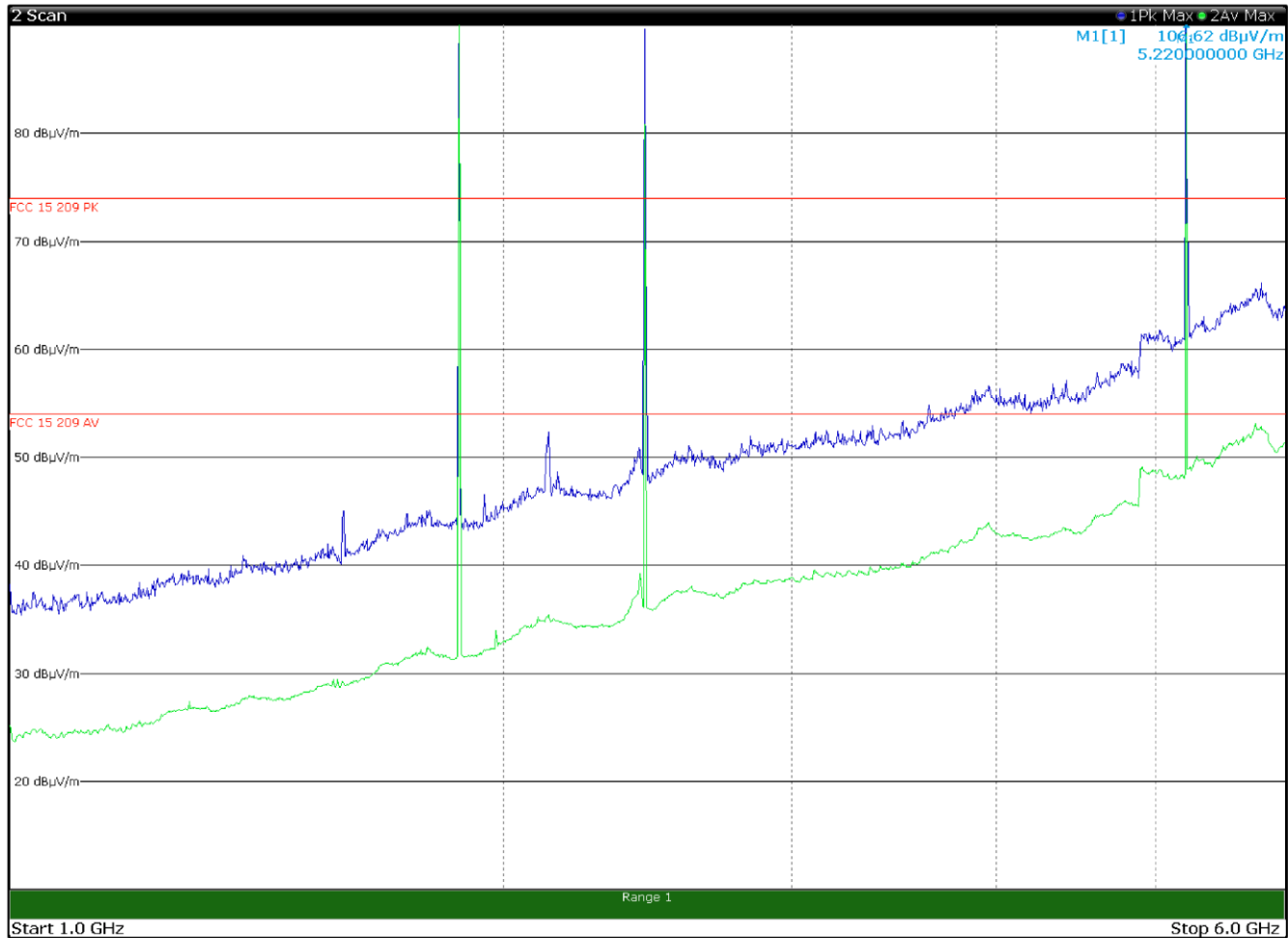


Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
34.1100	25.7	40.0	-14.3	QP
54.1500	27.7	40.0	-12.3	QP
71.9700	28.0	40.0	-12.0	QP
99.9900	35.8	43.5	-7.7	QP
150.0000	32.3	43.5	-11.2	QP
200.0100	32.3	43.5	-11.2	QP
396.0000	32.7	46.0	-13.3	QP
594.0000	39.7	46.0	-6.3	QP
891.0000	37.4	46.0	-8.6	QP
915.0000	128.3	--	--	PK

Limit exceeded by the carriers

8.1.4 Test data, continued

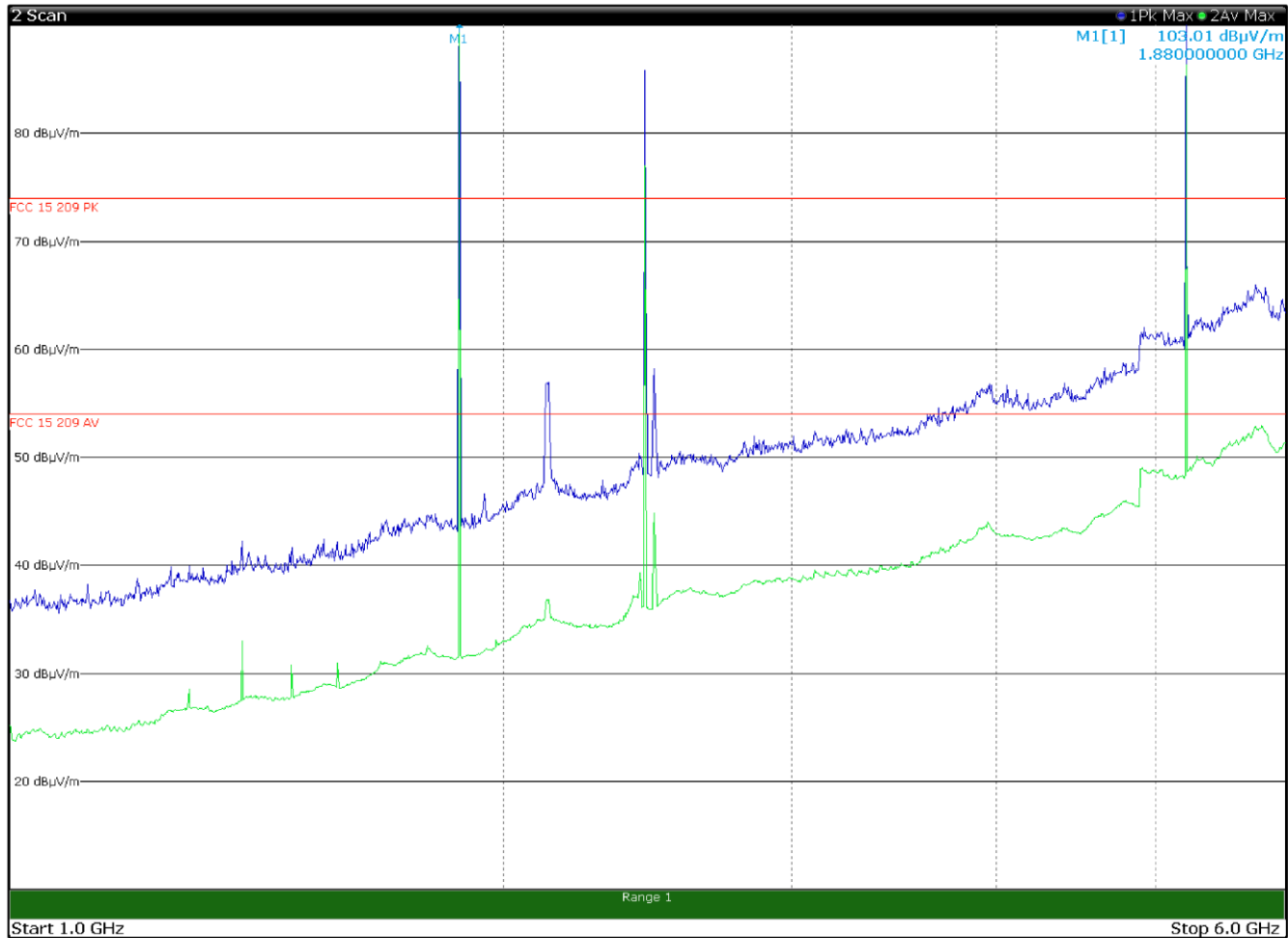


Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1880.0000	119.3	--	--	Pk
2131.5000	52.3	74.0	-21.7	Pk
2441.0000	99.5	--	--	Pk
5220.0000	118.7	--	--	Pk

Limit exceeded by the carriers

8.1.4 Test data, continued

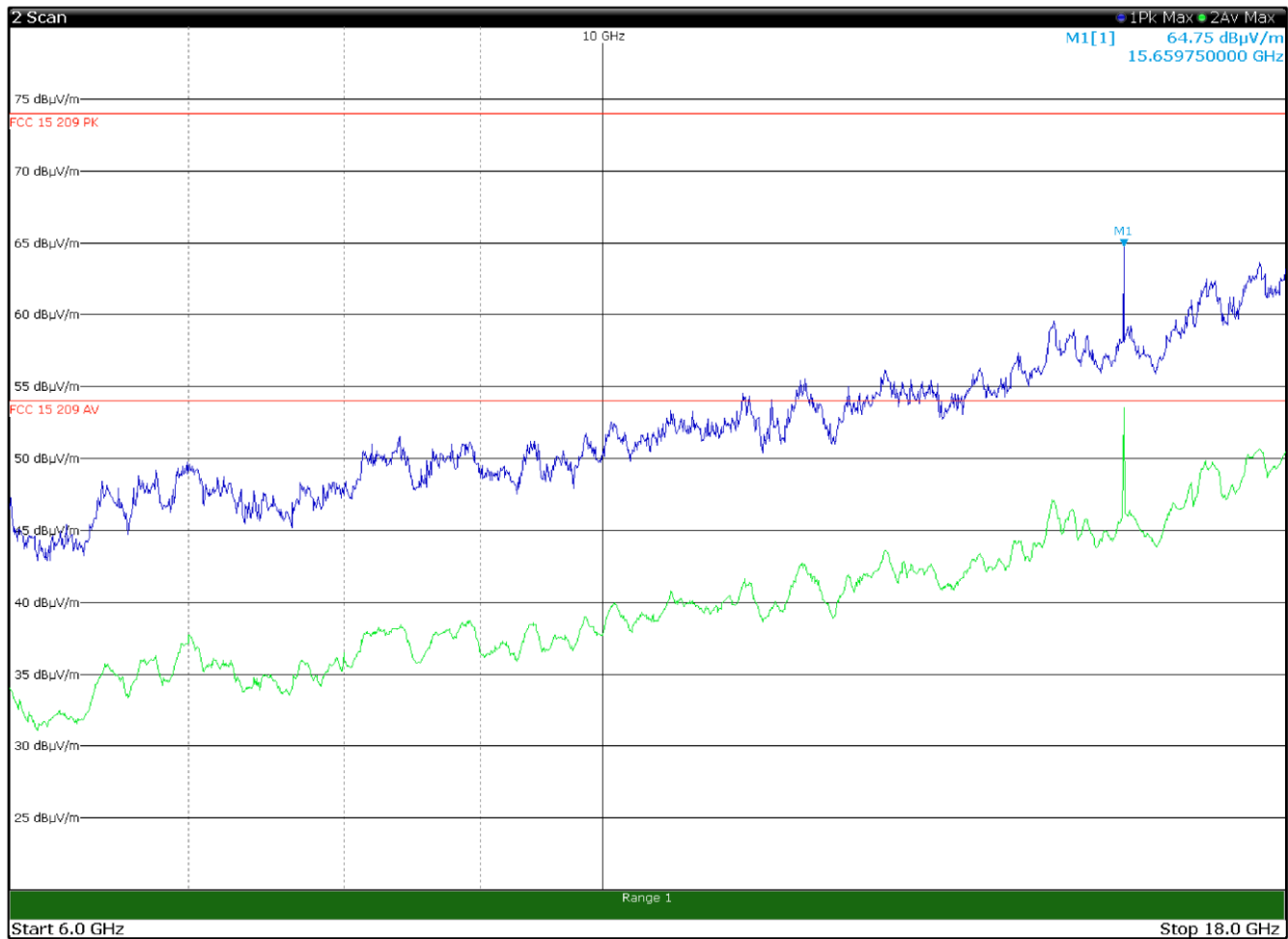


Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1880.0000	110.7	--	--	Pk
2132.2500	57.0	74.0	-17.0	Pk
2441.0000	90.2	--	--	Pk
5220.0000	107.0	--	--	Pk

Limit exceeded by the carriers

8.1.4 Test data, continued



09:58:47 25.03.2019

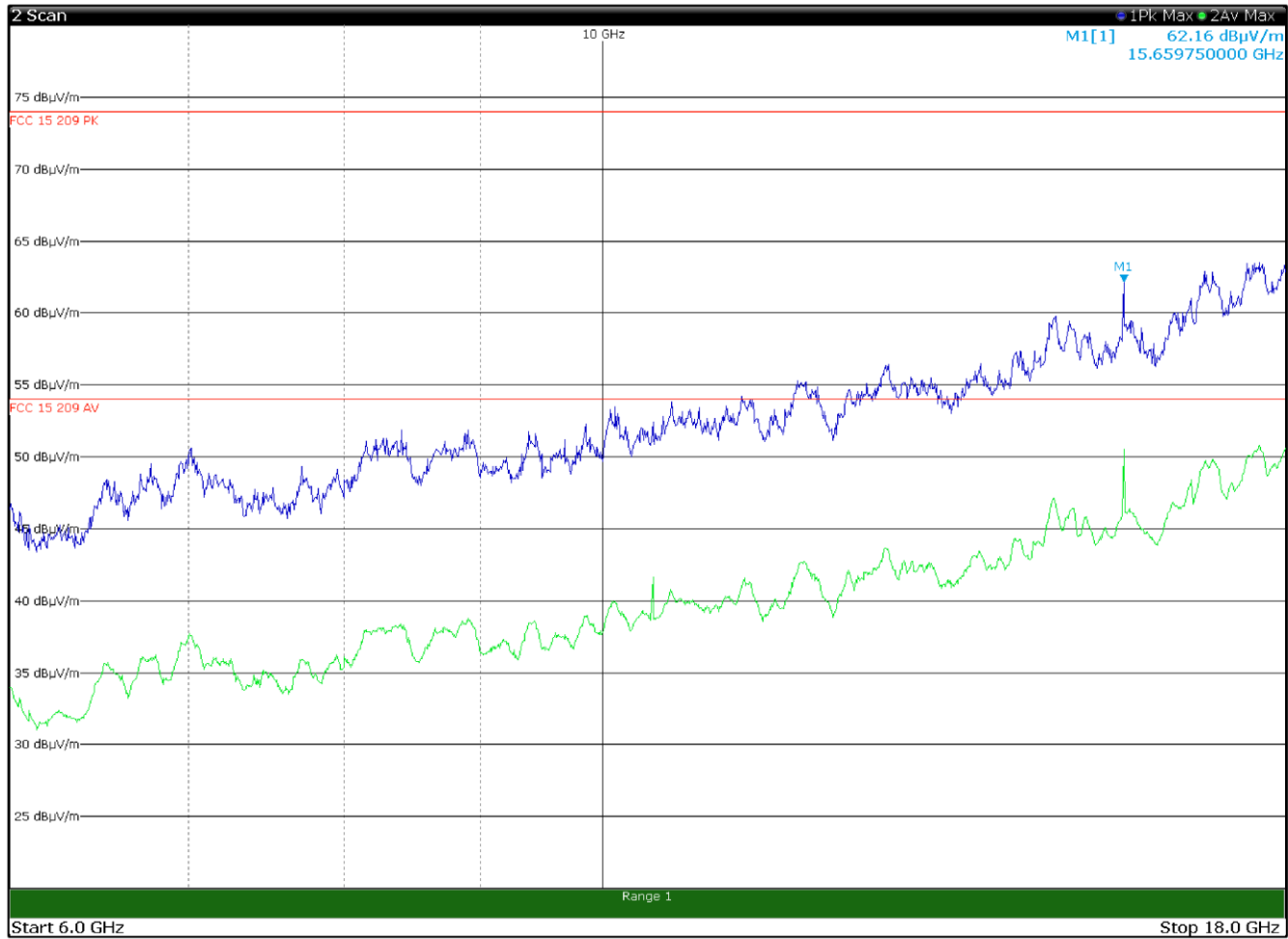
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Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
15659.7500	64.8	74.0	-9.2	Pk
15659.7500	49.9	54.0	-4.1	Av

The correction factor for the average value of pulsed emissions is $20 \log (DC) = 20 \log (0.18) = 14.9 \text{ dB}$

8.1.4 Test data, continued



Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
15659.7500	62.2	74.0	-11.8	Pk
15659.7500	47.3	54.0	-6.7	Av

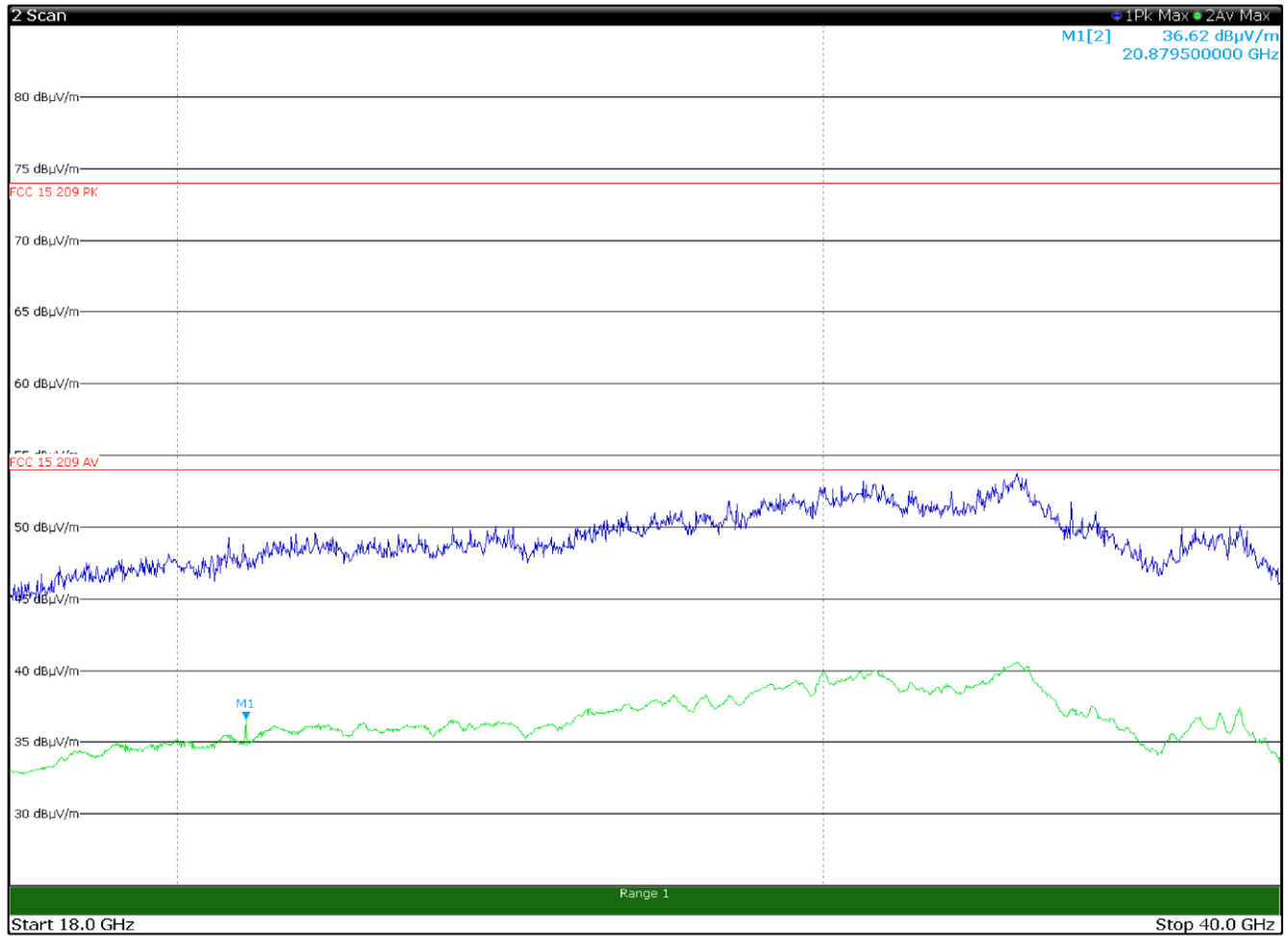
The correction factor for the average value of pulsed emissions is $20 \log (DC) = 20 \log (0.18) = 14.9 \text{ dB}$

Section 8
Test name
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FCC §15.209 (f), §15.247 (d), §15.407 (b), §27.53 (c), §27.53 (h), RSS-Gen Issue 5 §8.9
RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1



8.1.4 Test data, continued



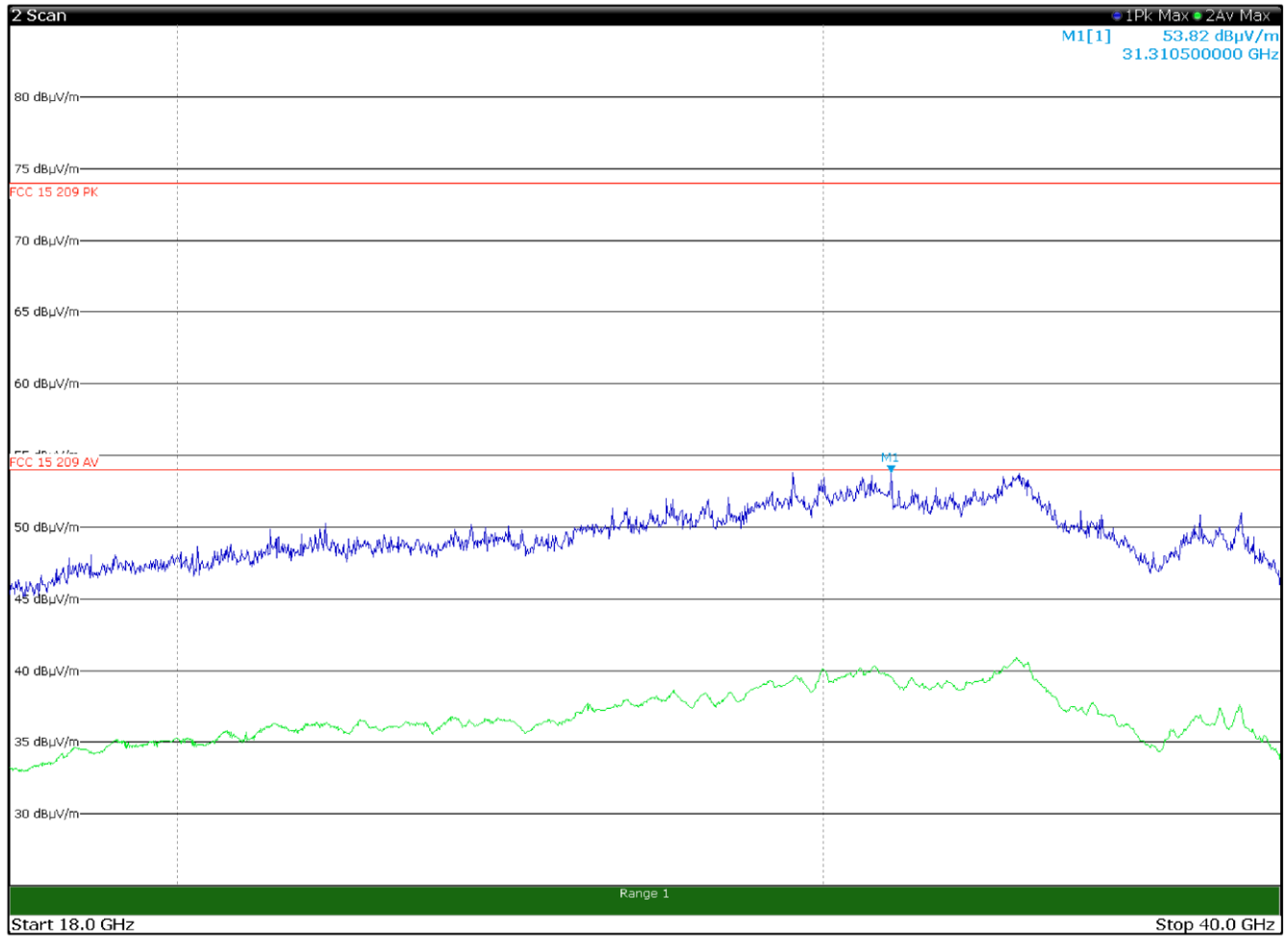
Radiated spurious emissions with antenna in horizontal polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

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RSS-247 Issue 3 §5.5, RSS-247 Issue 3 §6.2, RSS-132 Issue 4 §5.5, RSS-133 Issue 6 §6.5.1



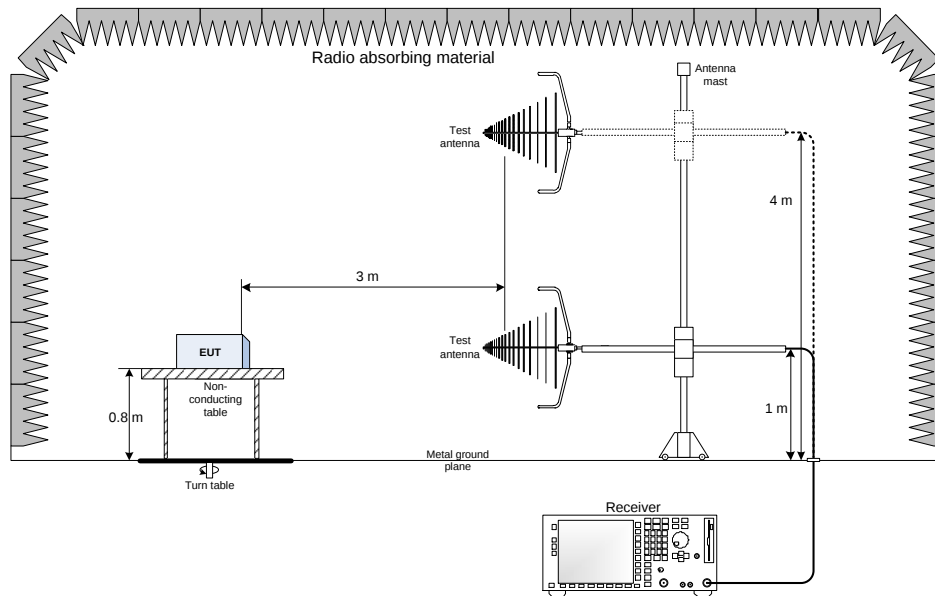
8.1.4 Test data, continued



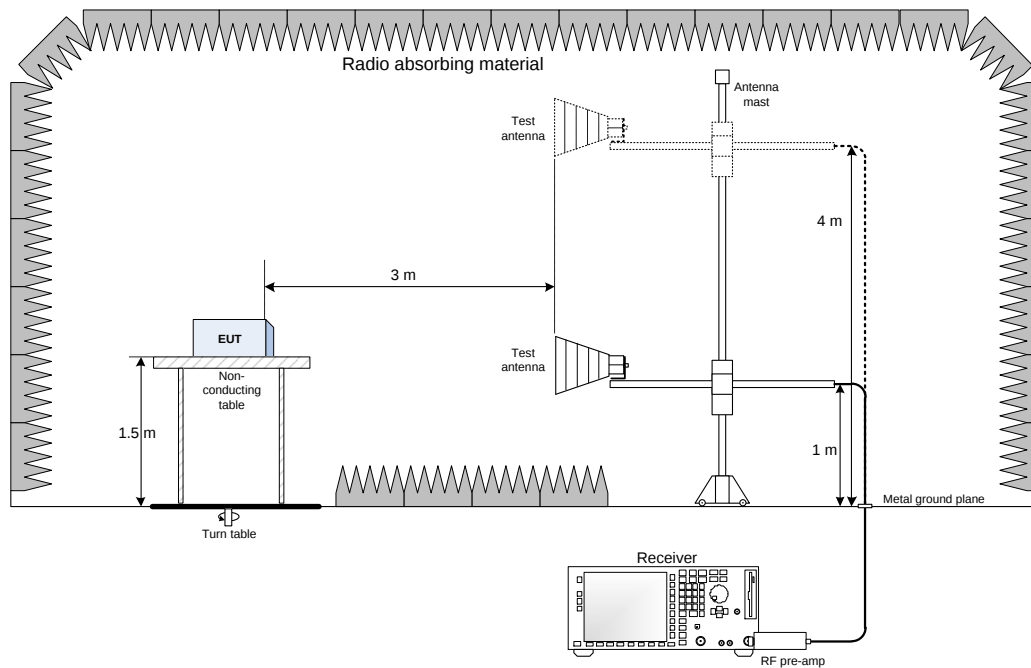
Radiated spurious emissions with antenna in vertical polarization and with
WCDMA Tx at 1880 MHz, UHF Tx at 915 MHz, WIFI Tx at 5220 MHz and BT Tx at 2441 MHz (antenna configuration 2)

Section 9. Block diagrams of test set-ups

9.1 Radiated emissions set-up for frequencies below 1 GHz

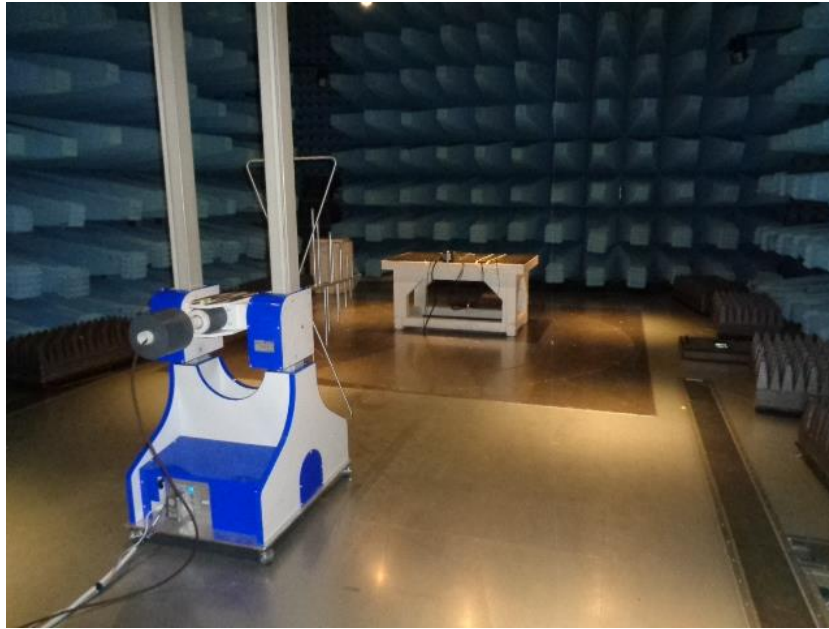


9.2 Radiated emissions set-up for frequencies above 1 GHz

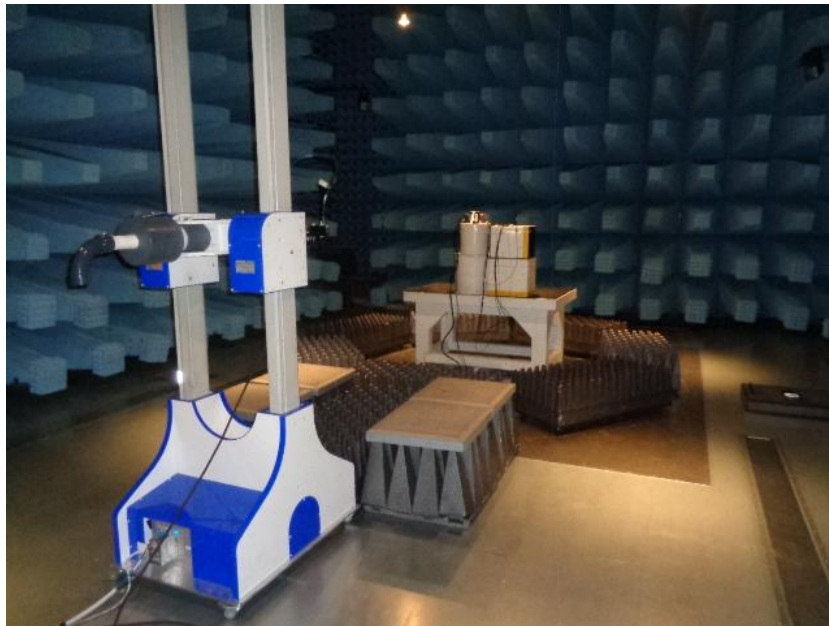


Section 10. Photos

10.1 Photos of the test set-up



Radiated emission below 1 GHz



Radiated emission above 1 GHz

10.2 Photos of the EUT



CL-55 3G+RADIO (Front)



CL-55 3G+RADIO (rear)

(with draft label)

(End of report)