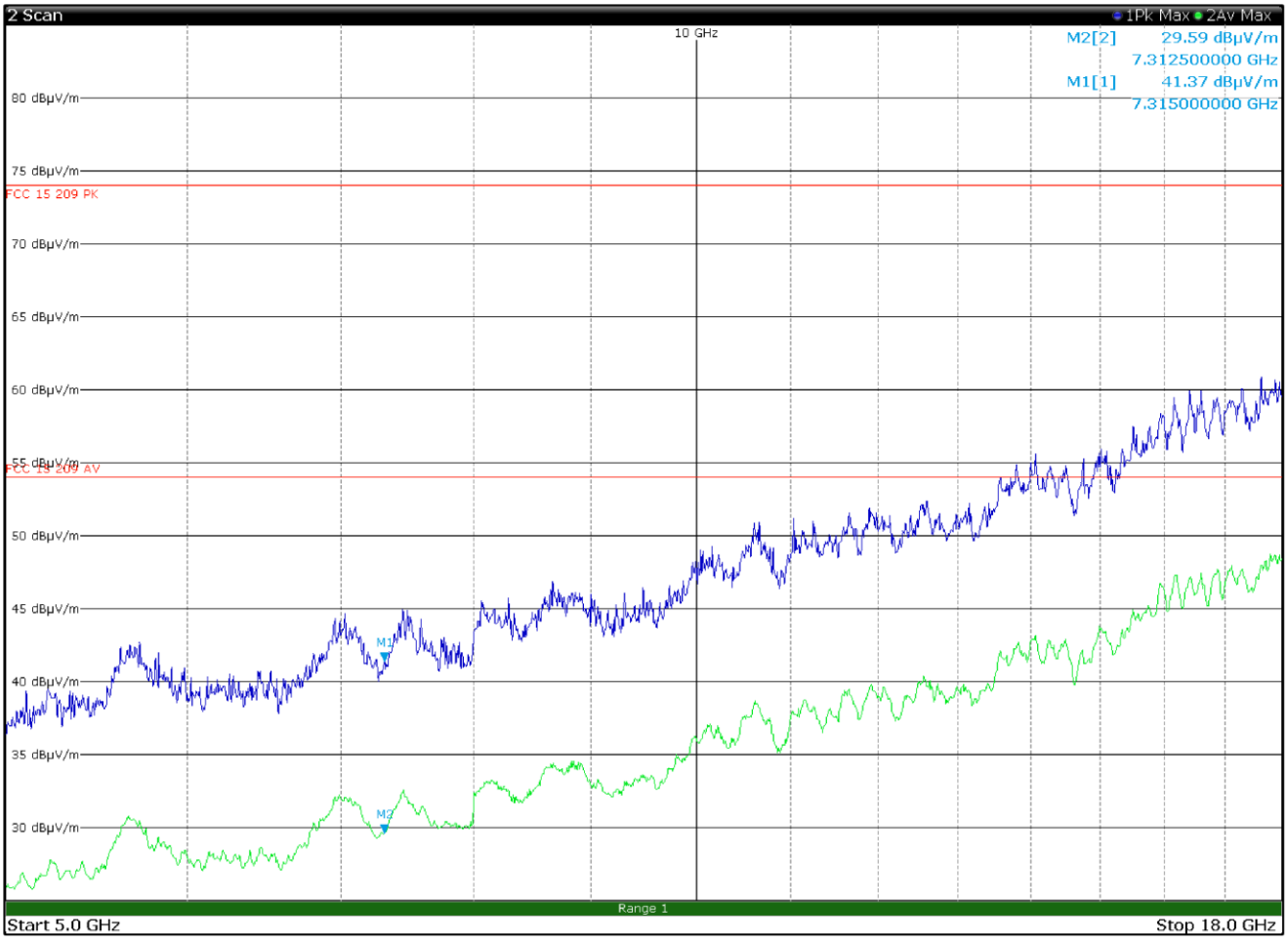


18:20:34 01.06.2020 **Page 1/1**

Radiated spurious emissions, LTE Tx at 707.5MHz, WIFI Tx at 2437MHz – antenna in vertical polarization –

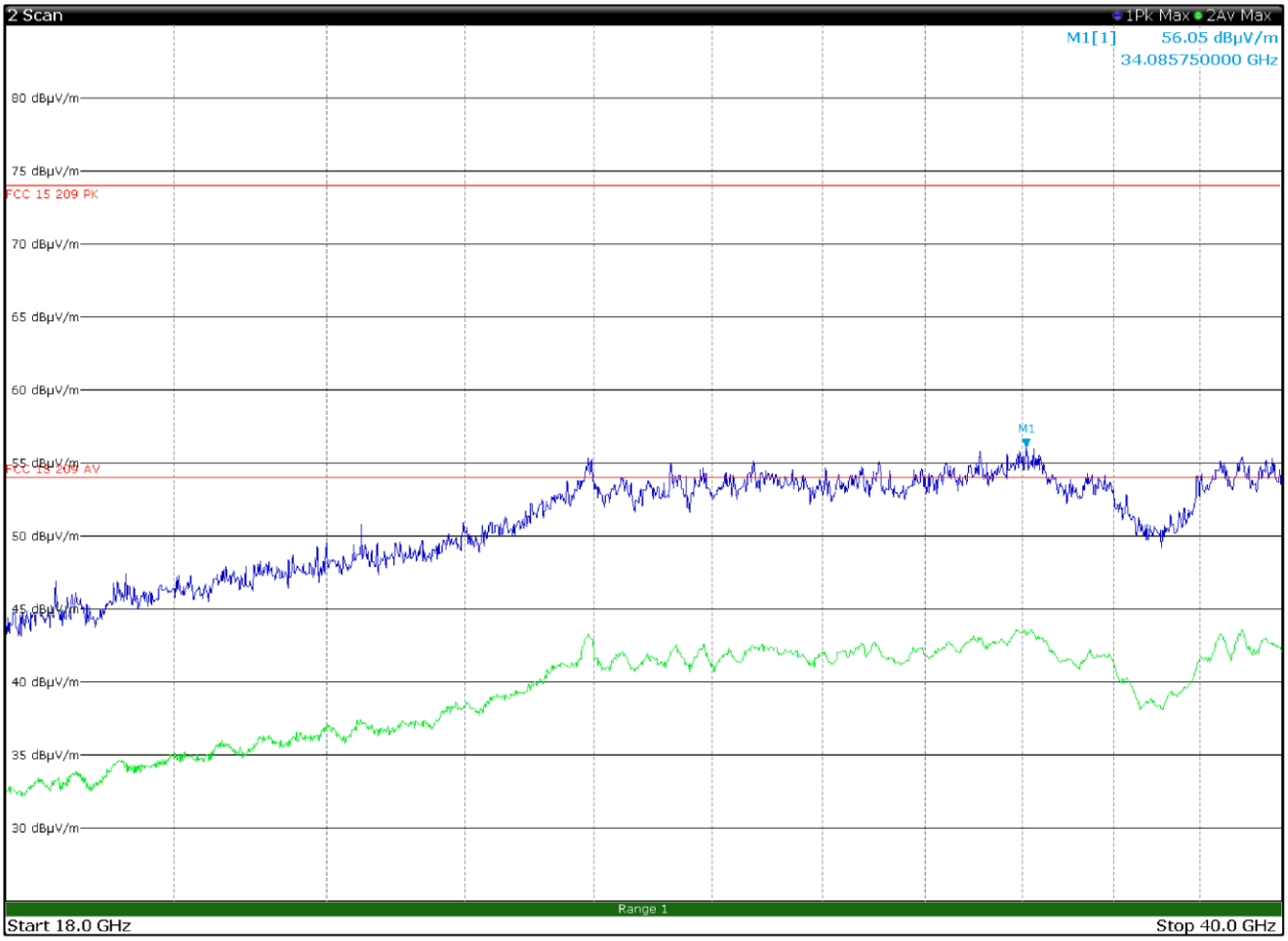
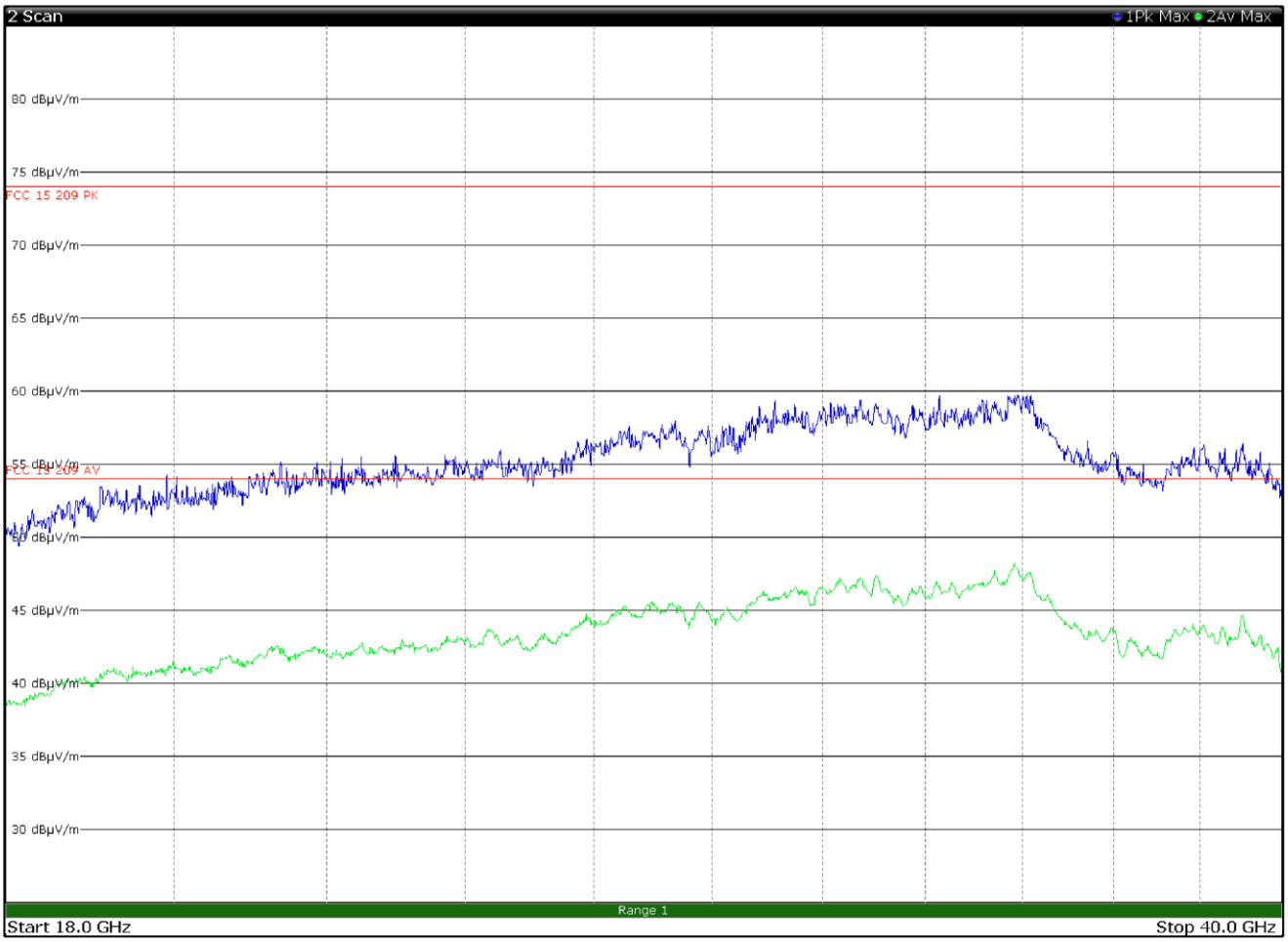

2 Scan
1Pk Max
2Av Max
M1[1]
56.05 dBµV/m
34.085750000 GHz
80 dBµV/m
75 dBµV/m
FCC 15 209 PK
70 dBµV/m
65 dBµV/m
60 dBµV/m
55 dBµV/m
FCC 15 209 AV
50 dBµV/m
45 dBµV/m
40 dBµV/m
35 dBµV/m
30 dBµV/m
M1
Range 1
Start 18.0 GHz
Stop 40.0 GHz

Figure 8.1-1: *Radiated spurious emissions, LTE Tx at 707.5MHz, WIFI Tx at 2437MHz – antenna in horizontal polarization*



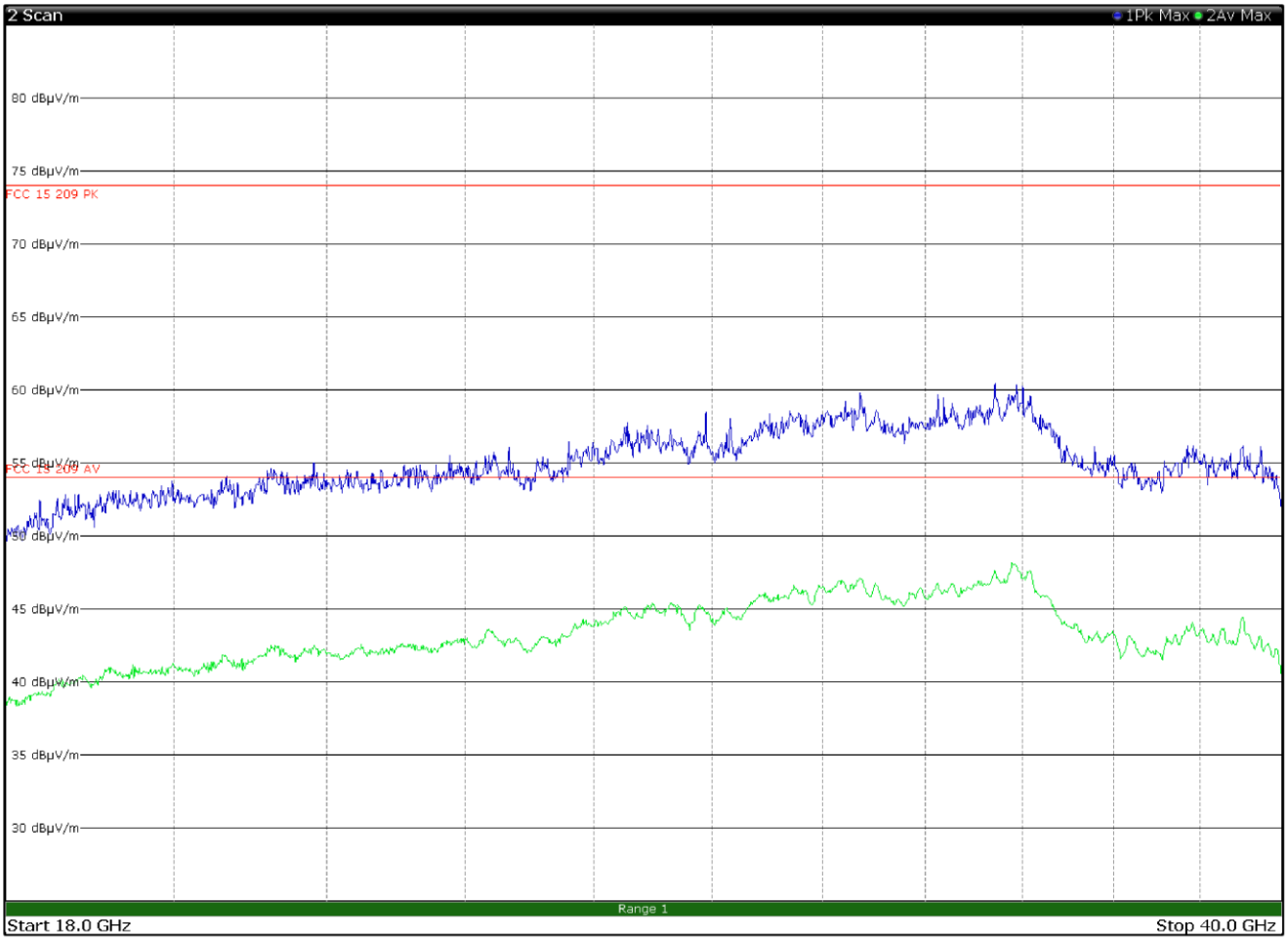
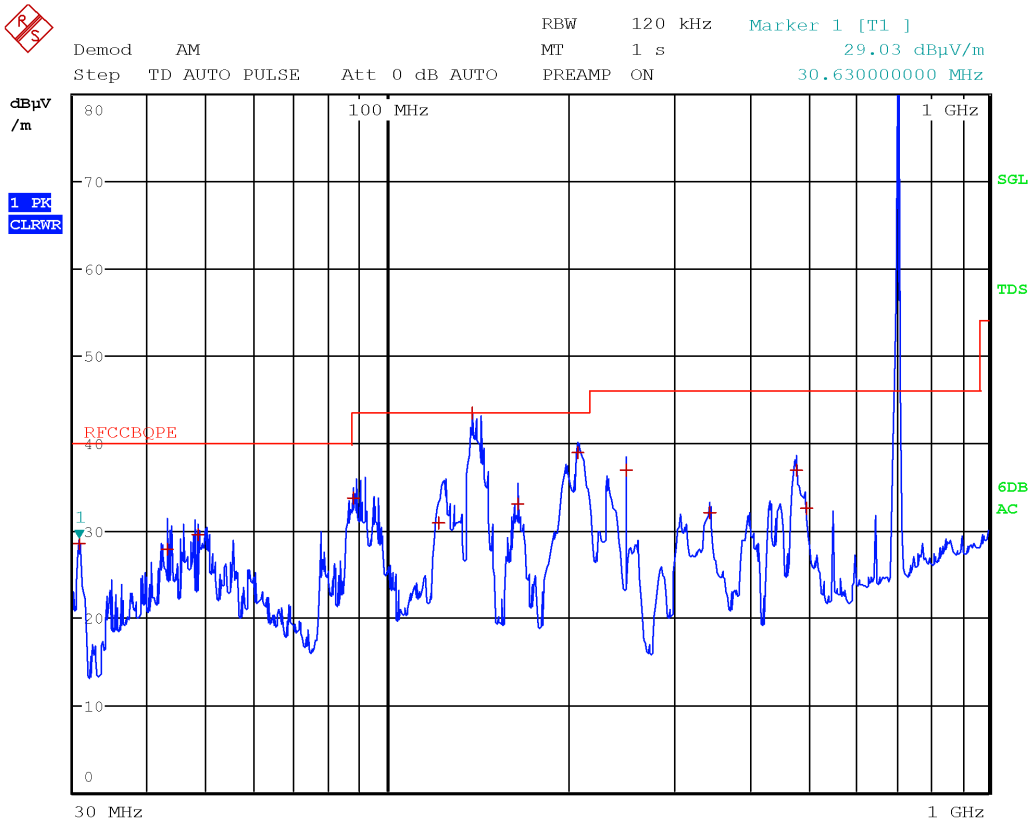


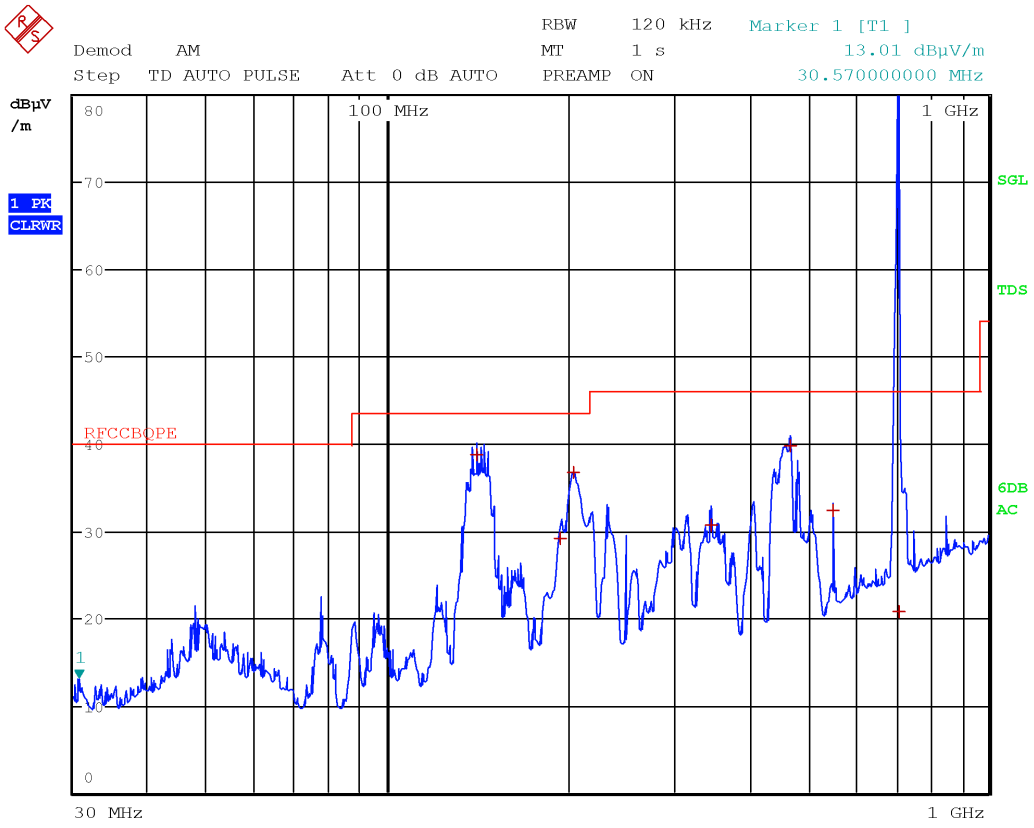
Figure 8.1-2: *Radiated spurious emissions, LTE Tx at 707.5MHz, WIFI Tx at 2437MHz – antenna in vertical polarization*



Radiated spurious emissions, LTE Tx at 707.5 MHz, WIFI Tx at 5220 MHz – antenna in vertical polarization –

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

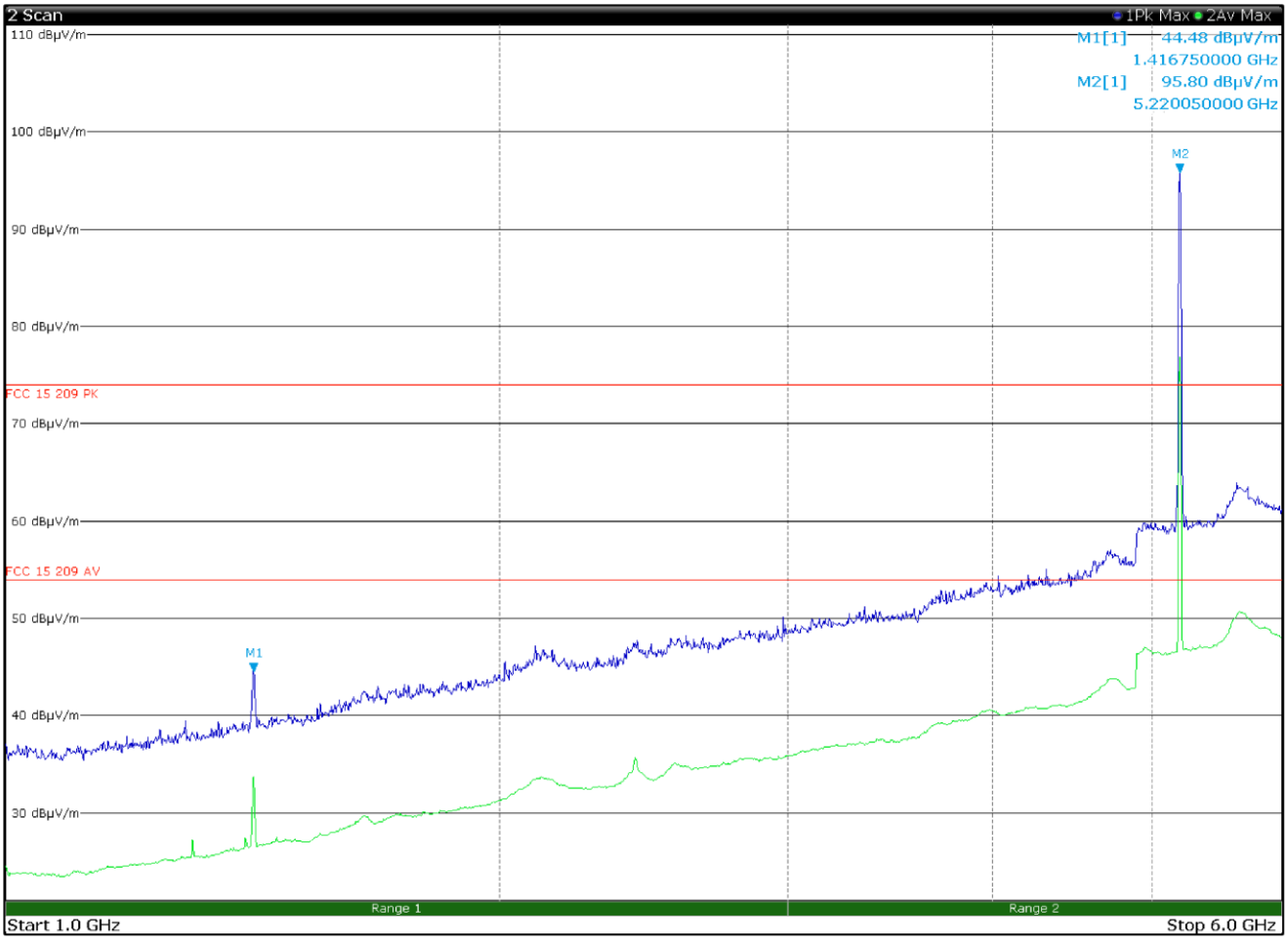
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
30.6300	28.6	40.0	-11.4	QP
42.9600	27.8	40.0	-12.2	QP
48.4500	29.6	40.0	-10.4	QP
87.6300	33.7	40.0	-6.3	QP
121.8900	30.9	43.5	-12.6	QP
138.6000	43.4	43.5	-0.1	QP
164.4300	33.0	43.5	-10.5	QP
207.8400	39.0	43.5	-4.5	QP
250.0200	37.0	46.0	-9.0	QP
344.0400	32.1	46.0	-13.9	QP
478.0800	36.9	46.0	-9.1	QP
496.8000	32.5	46.0	-13.5	QP



Radiated spurious emissions, LTE Tx at 707.5 MHz, WIFI Tx at 5220 MHz – antenna in horizontalL polarization –

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
140.9100	38.8	43.5	-4.7	QP
193.7400	29.2	43.5	-14.3	QP
204.3600	36.7	43.5	-6.8	QP
346.5600	30.7	46.0	-15.3	QP
467.4000	39.8	46.0	-6.2	QP
549.9900	32.4	46.0	-13.6	QP
708.0900	20.8	46.0	-25.2	QP



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: *Radiated spurious emissions, LTE Tx at 707.5 MHz, WIFI Tx at 5220 MHz – antenna in horizontal polarization*

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (GHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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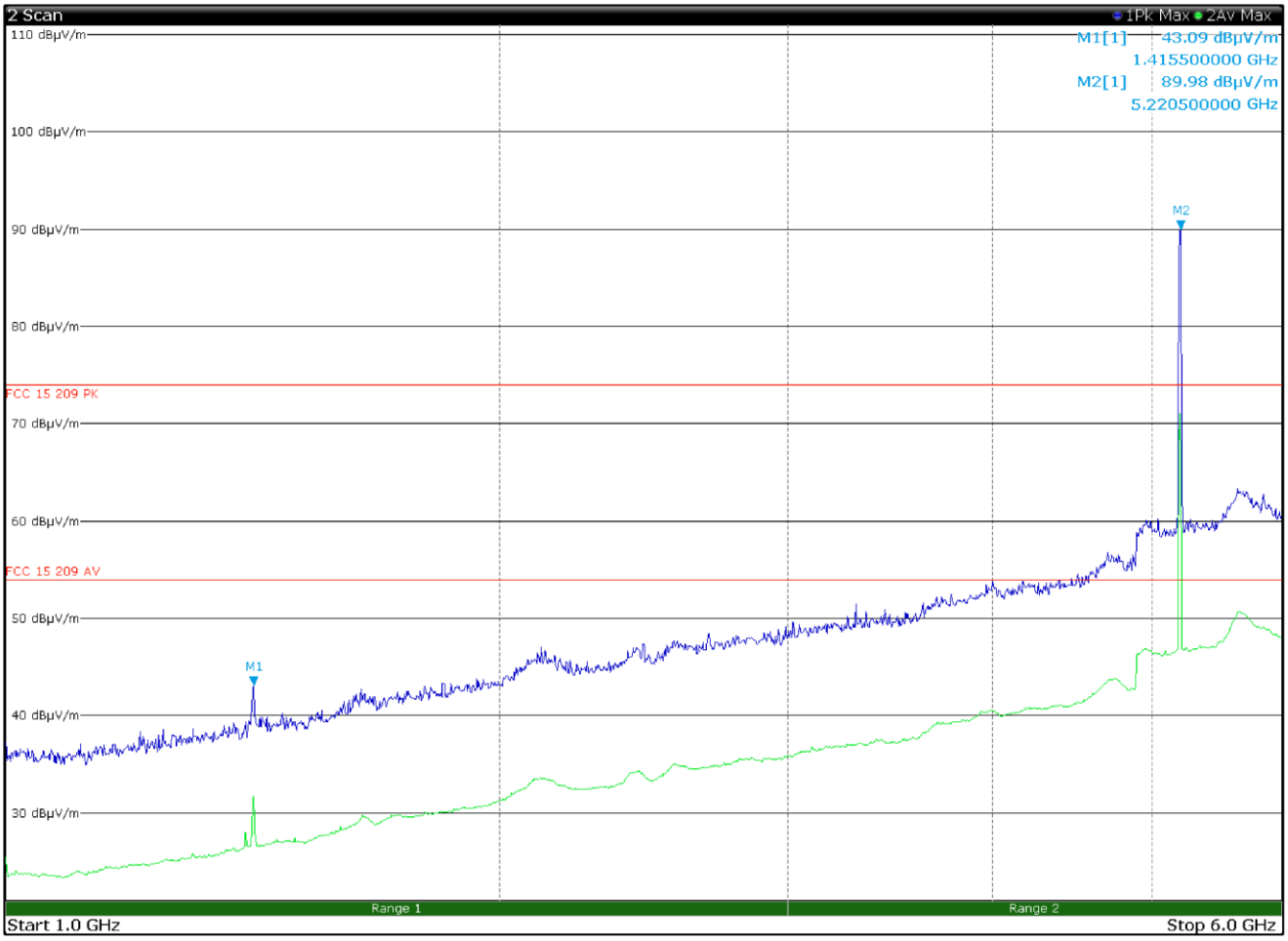
The limit for LTE is -13 dBm. Limit (dBµV/m) = limit (dBm) + 95.23 = 82.2 dBµV/m



16:50:14 01.06.2020 **Page 1/1**

Radiated spurious emissions, LTE Tx at 707.5 MHz, WIFI Tx at 5220 MHz – antenna in vertical polarization –

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (GHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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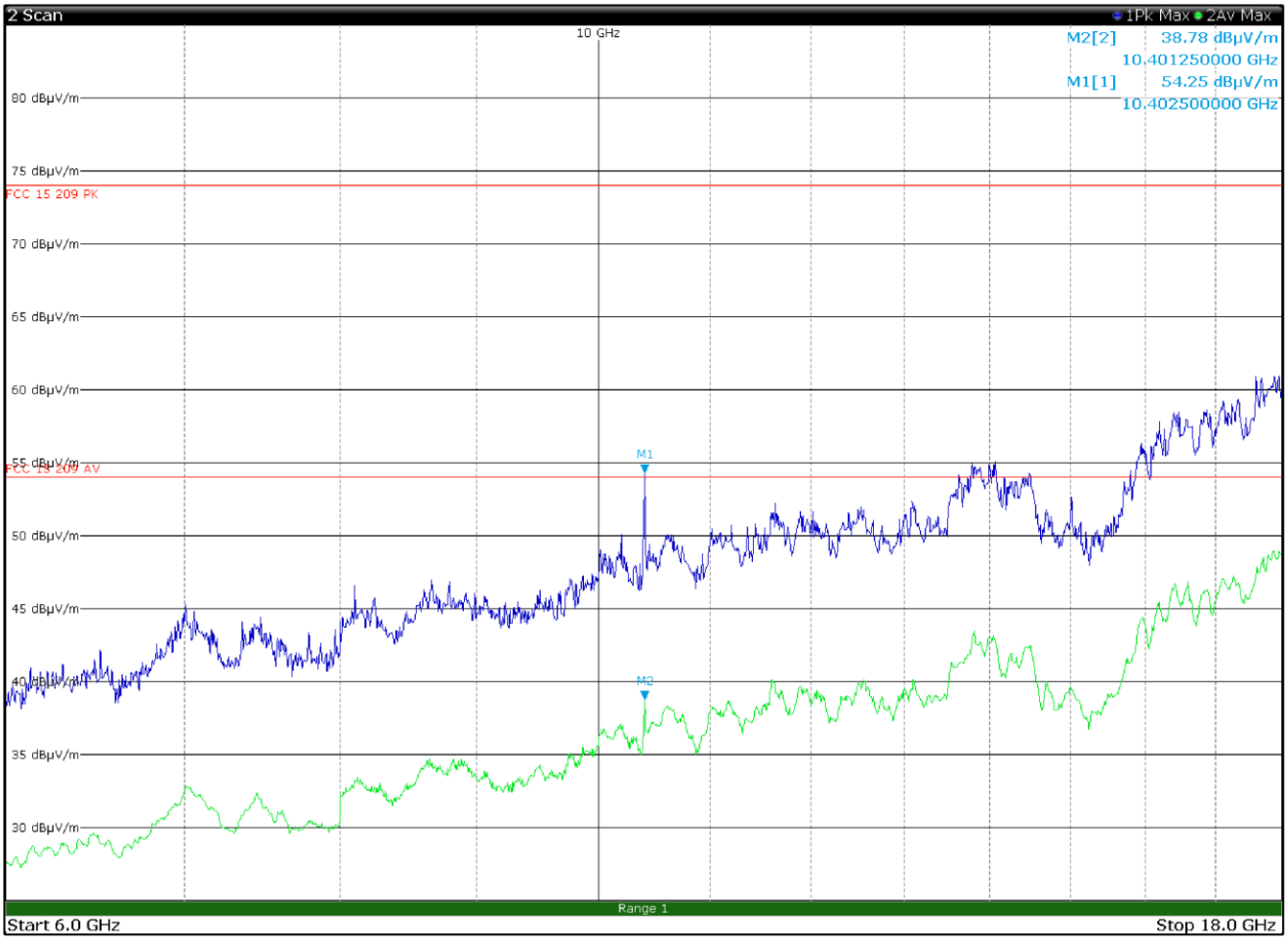
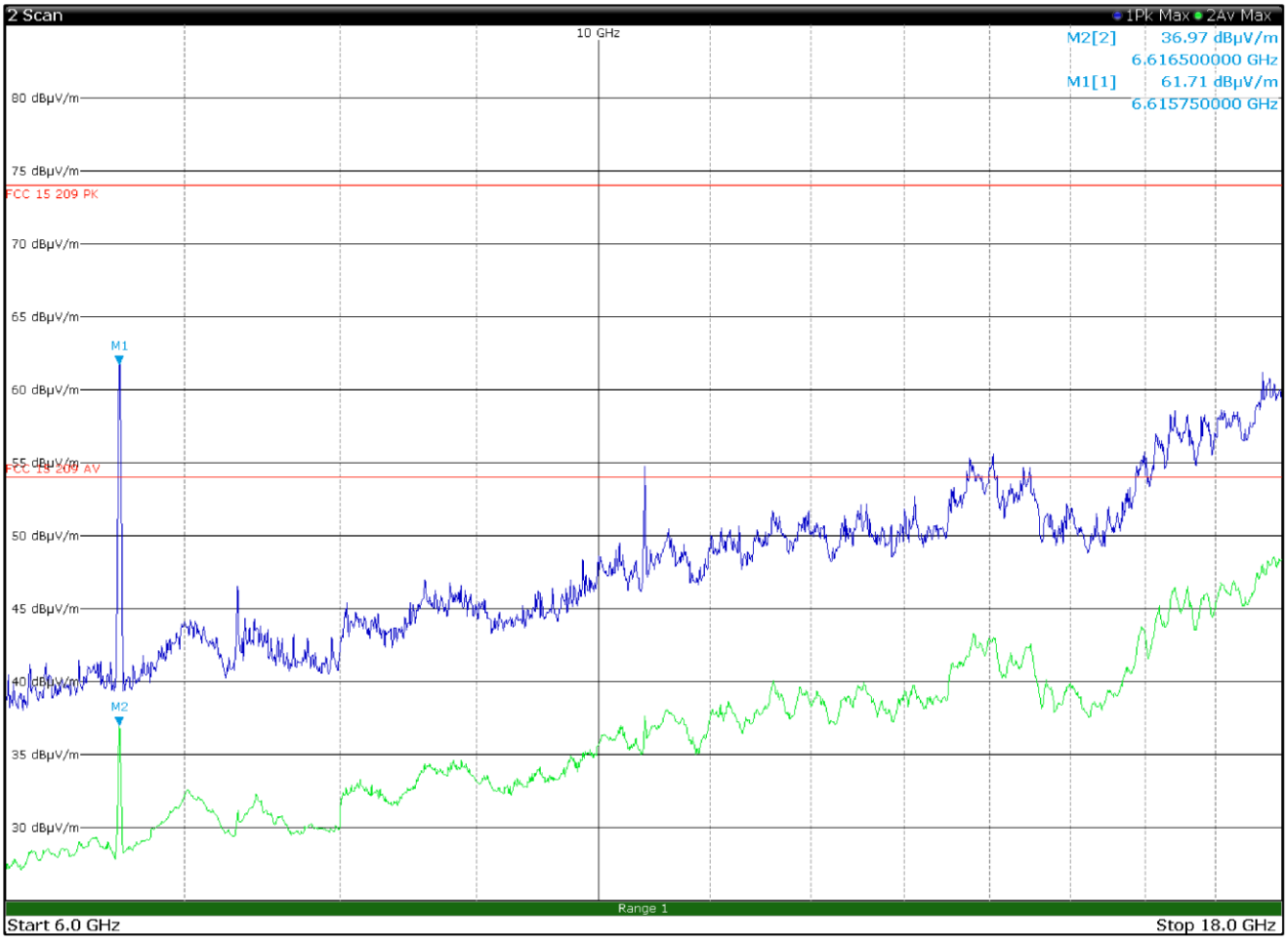
The limit for LTE is -13 dBm. Limit (dBµV/m) = limit (dBm) + 95.23 = 82.2 dBµV/m



Radiated spurious emissions, LTE Tx at 707.5 MHz, WIFI Tx at 5220 MHz – antenna in horizontal polarization –

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected



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Radiated spurious emissions, LTE Tx at 707.5 MHz, WIFI Tx at 5220 MHz – antenna in vertical polarization

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (GHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
6615.75	61.7	82.2	-20.5	PK

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

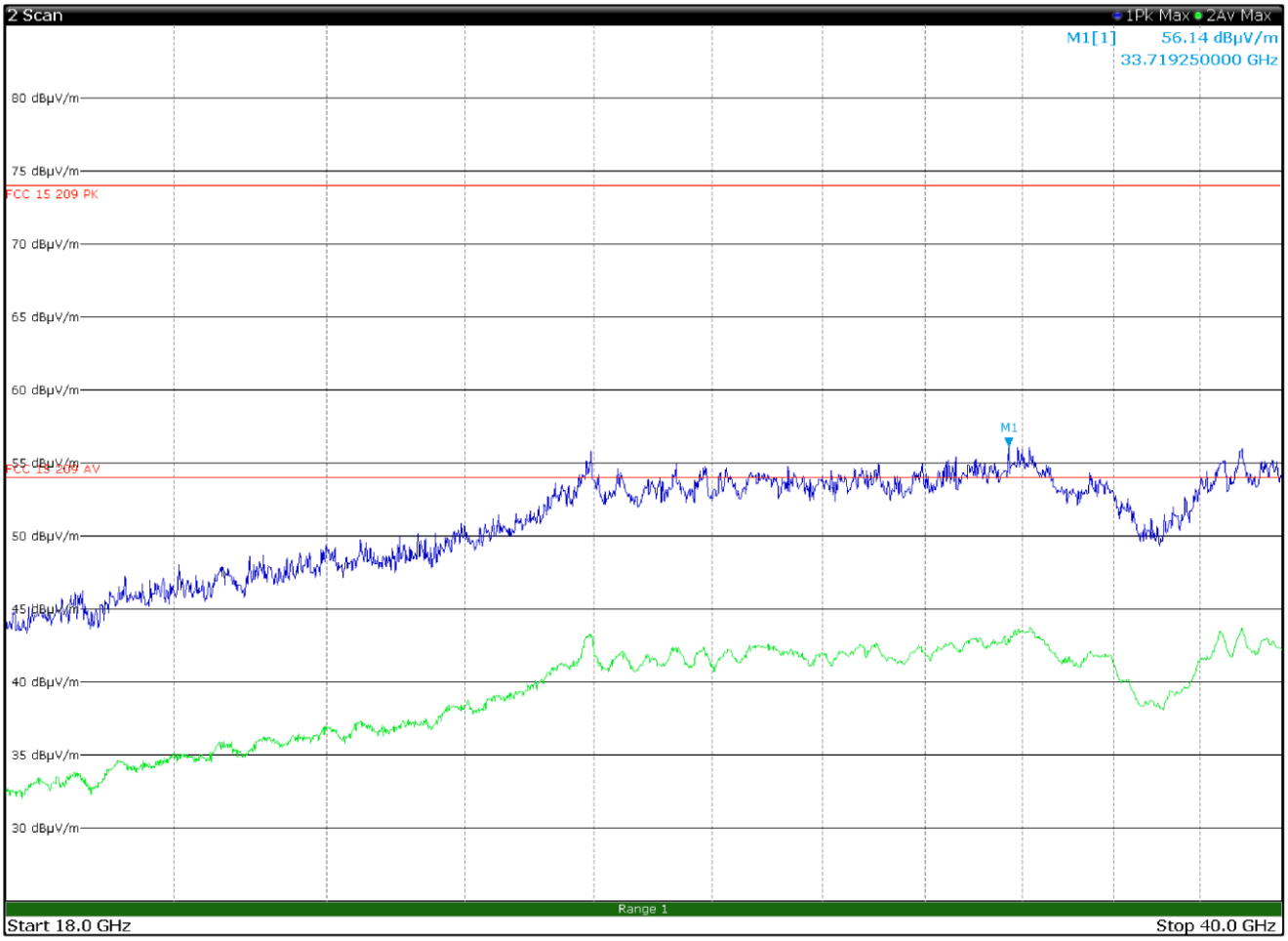
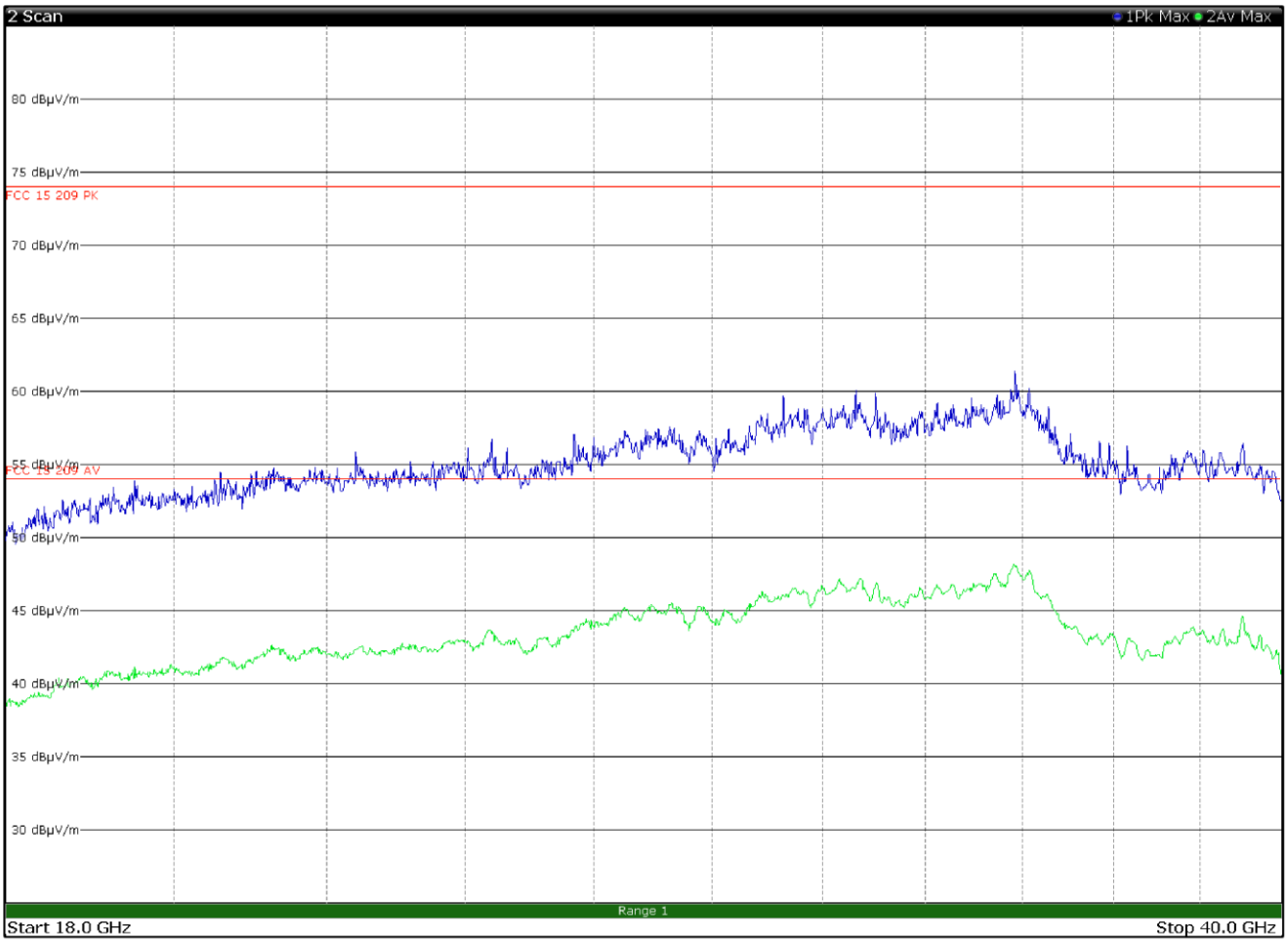
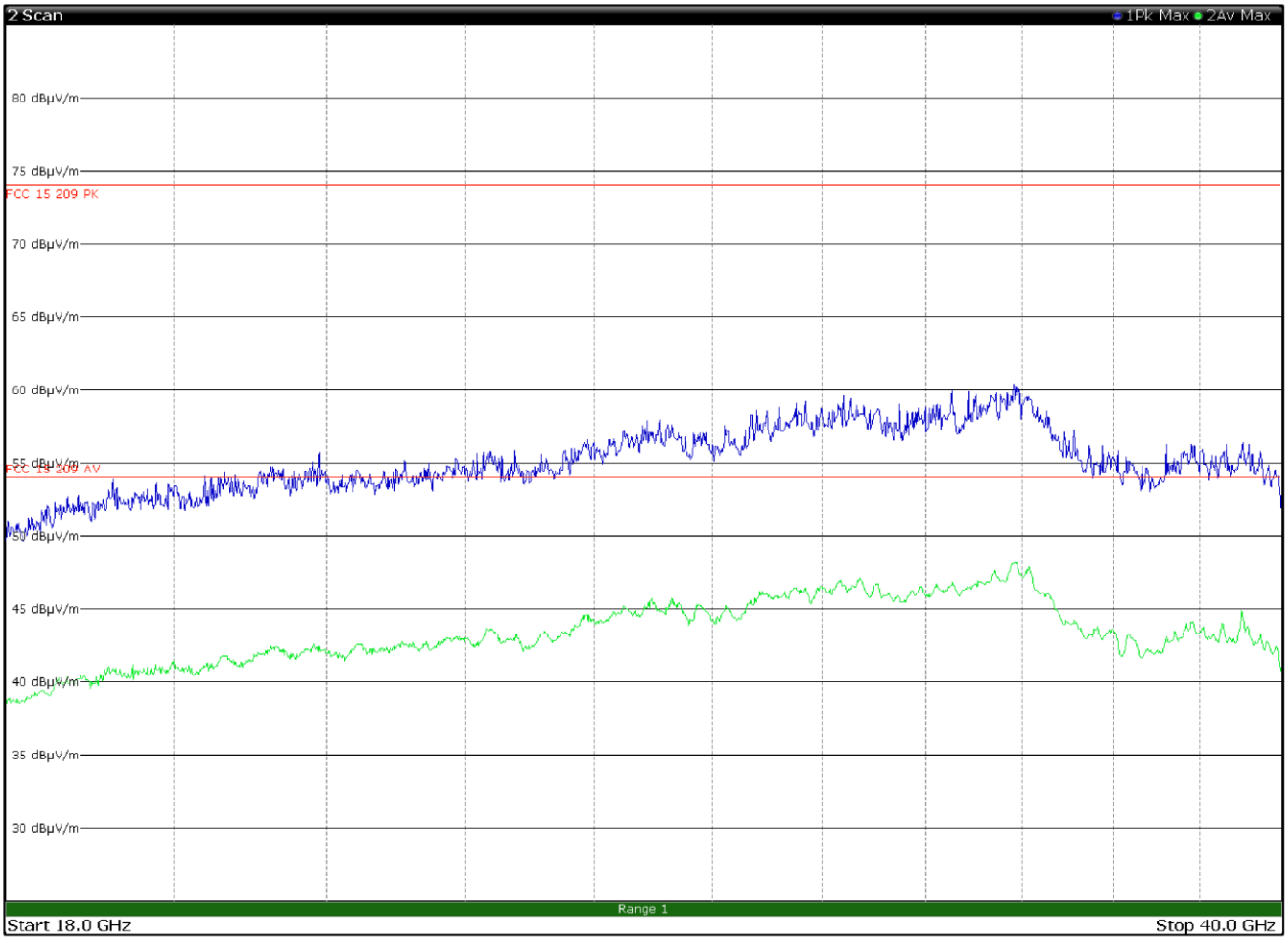
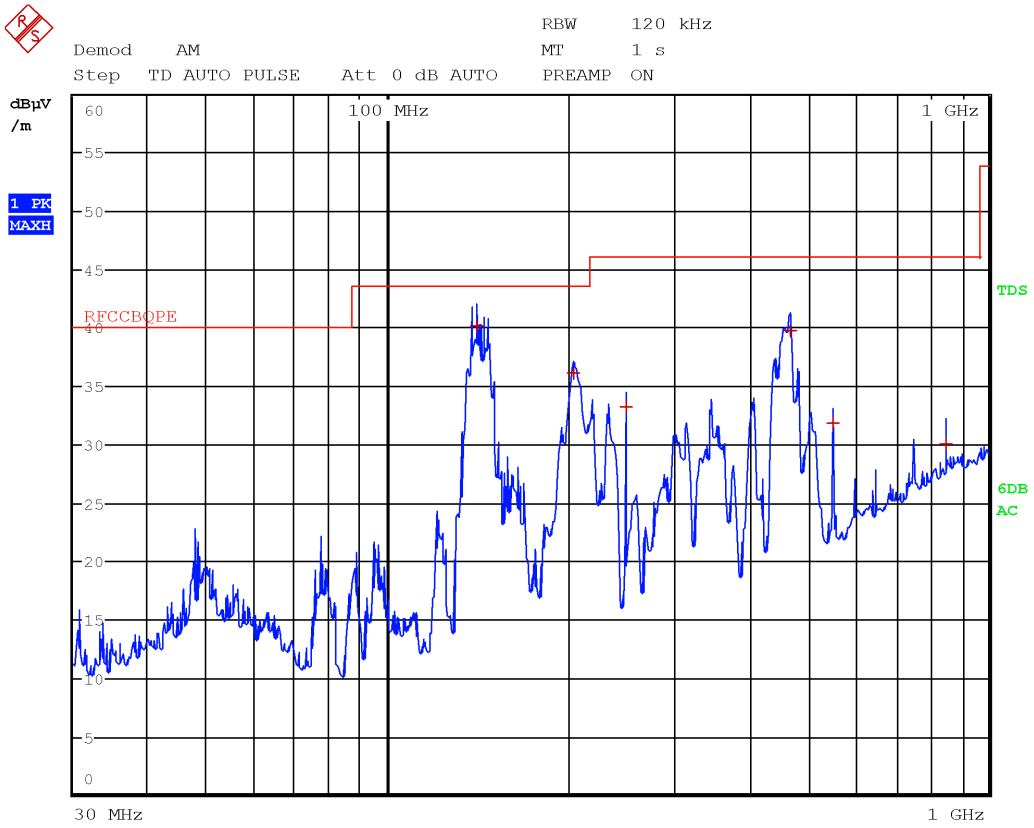

2 Scan
1Pk Max
2Av Max
M1[1]
56.14 dBµV/m
33.719250000 GHz
80 dBµV/m
75 dBµV/m
FCC 15 209 PK
70 dBµV/m
65 dBµV/m
60 dBµV/m
M1
55 dBµV/m
FCC 15 209 AV
50 dBµV/m
45 dBµV/m
40 dBµV/m
35 dBµV/m
30 dBµV/m
Range 1
Start 18.0 GHz
Stop 40.0 GHz

Figure 8.1-3: *Radiated spurious emissions, LTE Tx at 707.5 MHz, WIFI Tx at 5220 MHz – antenna in horizontal polarization –*





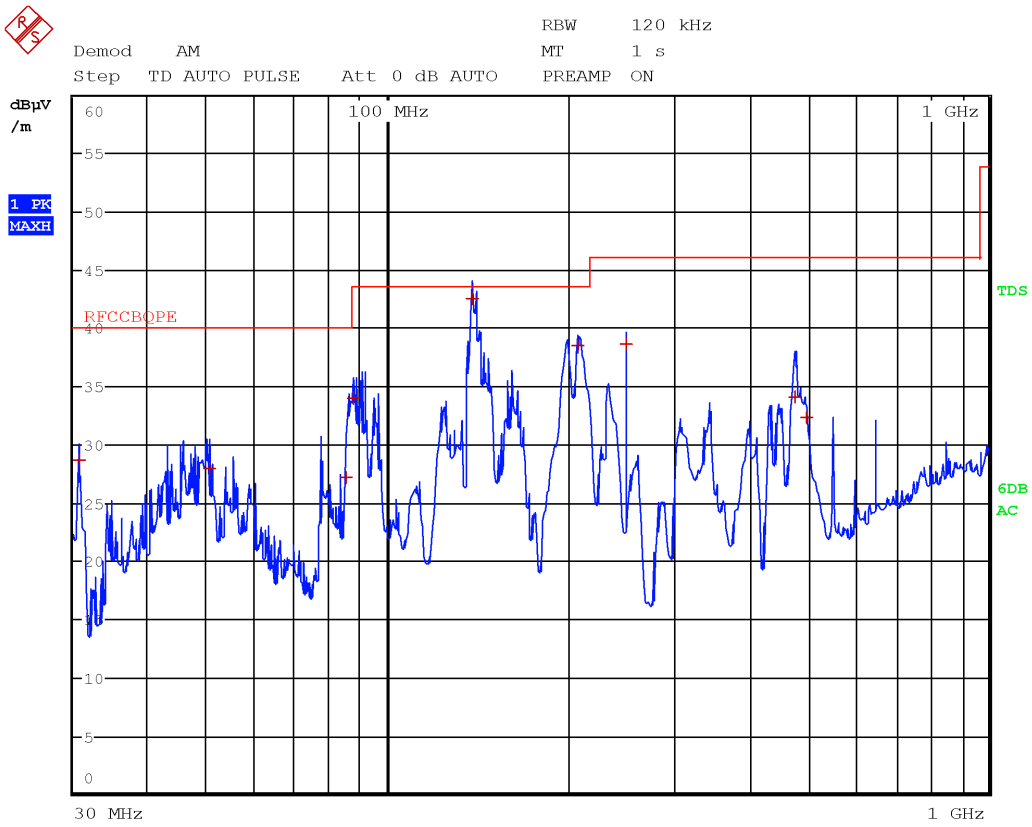
Radiated spurious emissions, LTE Tx at 707.5 MHz, WIFI Tx at 5200 MHz – antenna in vertical polarization



: Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437MHz – antenna in horizontal polarization

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

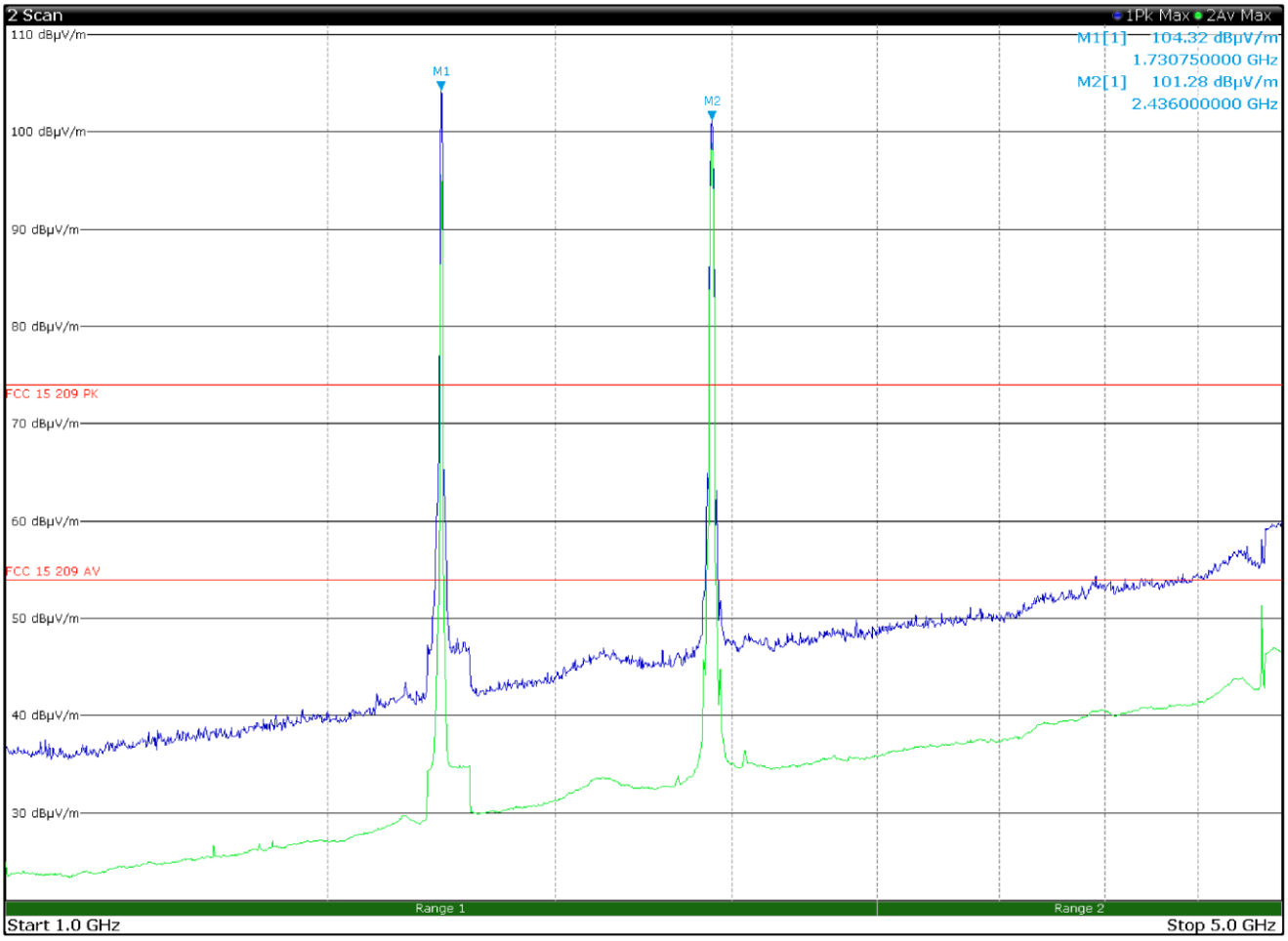
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
140.9100	40.1	43.5	-3.4	QP
204.3900	36.1	43.5	-7.4	QP
250.0200	33.2	46.0	-12.8	QP
467.4300	39.8	46.0	-6.2	QP
550.0200	31.8	46.0	-14.2	QP
850.0200	30.1	46.0	-15.9	QP



Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437MHz – antenna in vertical polarization

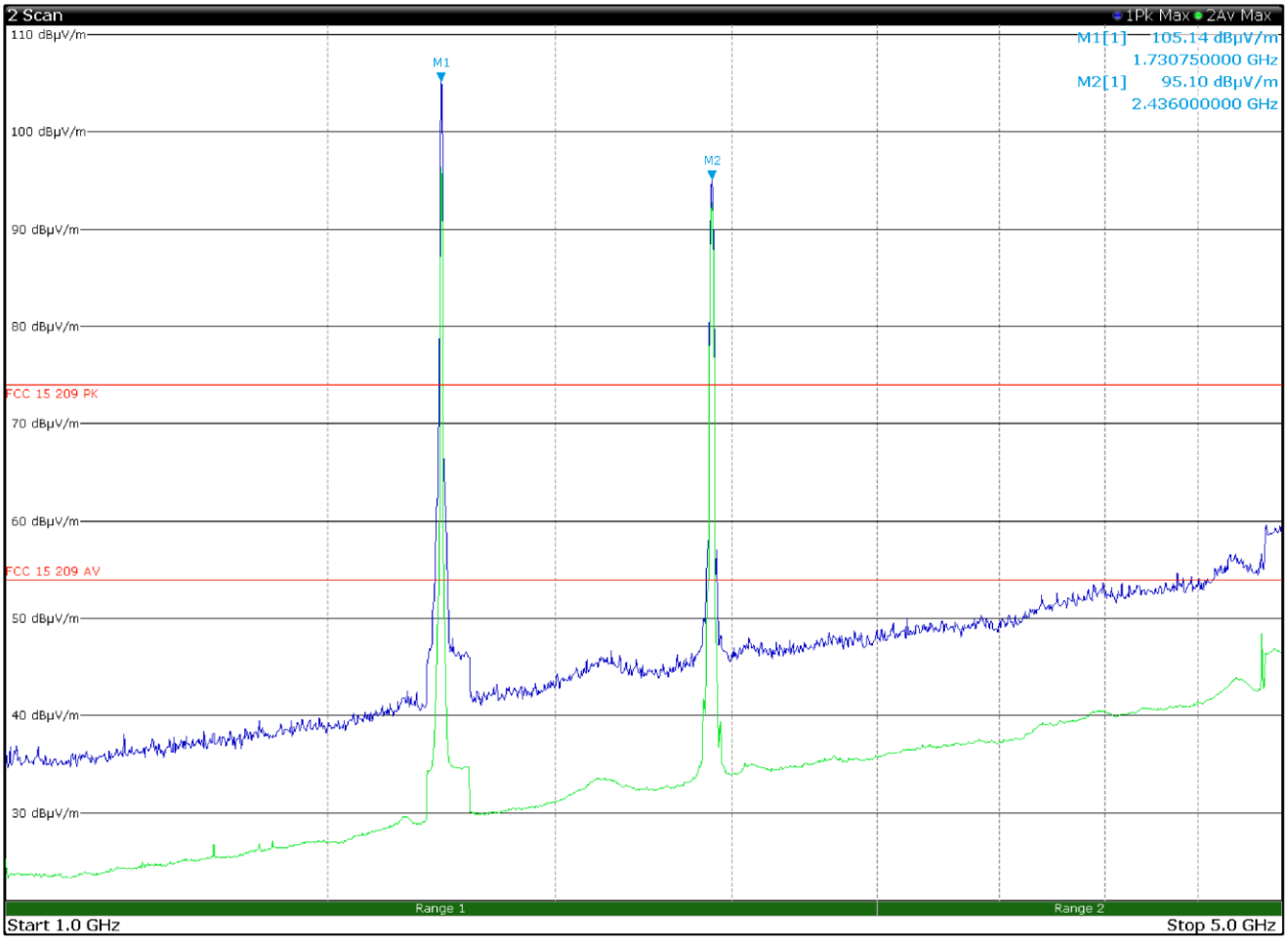
Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
30.6300	28.7	40.0	-11.3	QP
50.4300	27.9	40.0	-12.1	QP
85.4700	27.2	40.0	-12.8	QP
87.6600	34.0	40.0	-6.0	QP
138.5700	42.5	43.5	-1.0	QP
207.8700	38.5	43.5	-5.0	QP
250.0200	38.7	46.0	-7.3	QP
476.6100	34.2	46.0	-11.8	QP
496.7400	32.3	46.0	-13.7	QP



Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437MHz – antenna in horizontal polarization

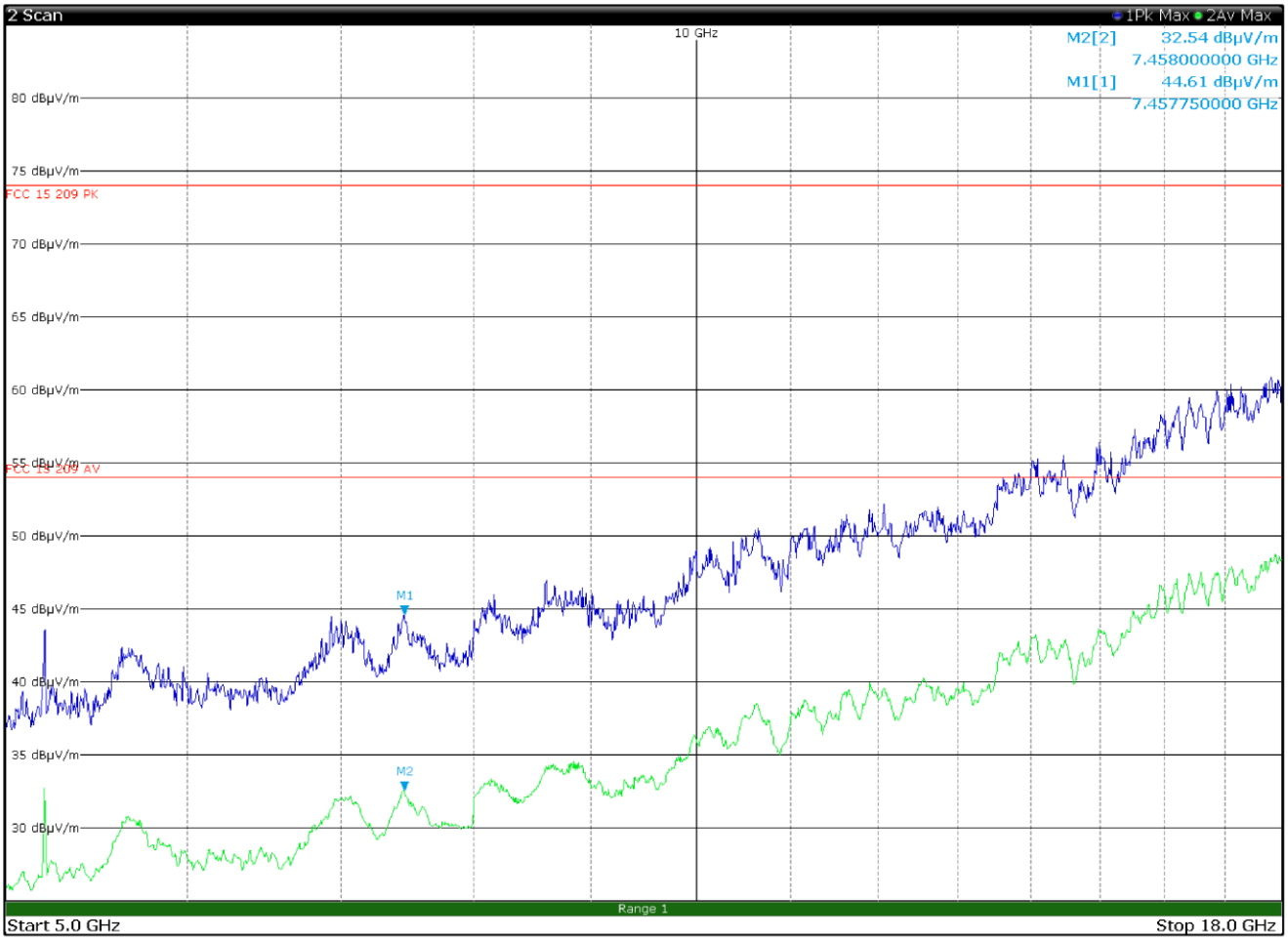
Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected



15:04:48 01.06.2020 **Page 1/1**

Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437MHz – antenna in vertical polarization –

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected



***:** Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437MHz – antenna in horizontal polarization –*

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (GHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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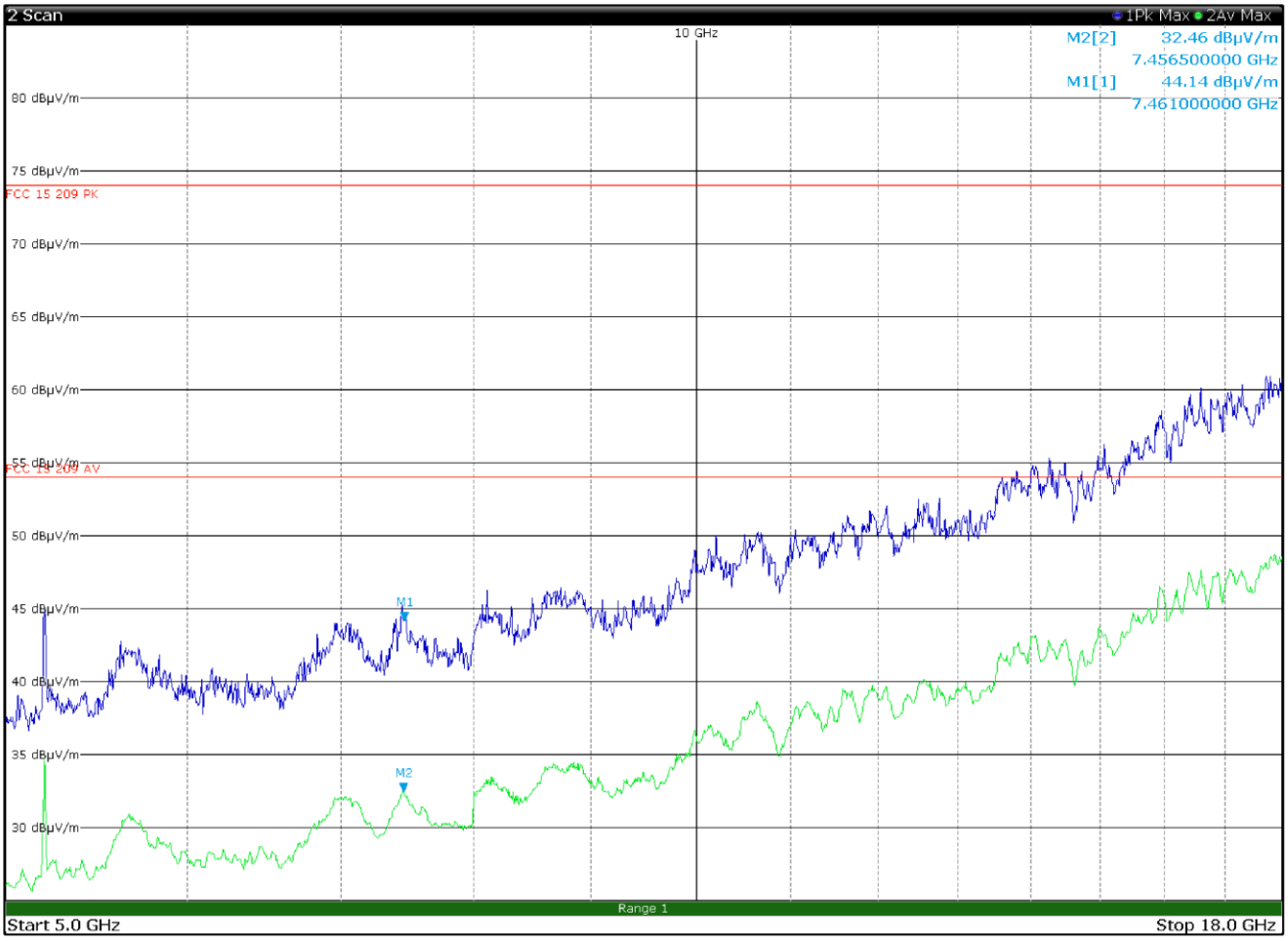
The limit for LTE is -13 dBm. Limit (dBµV/m) = limit (dBm) + 95.23 = 82.2 dBµV/m



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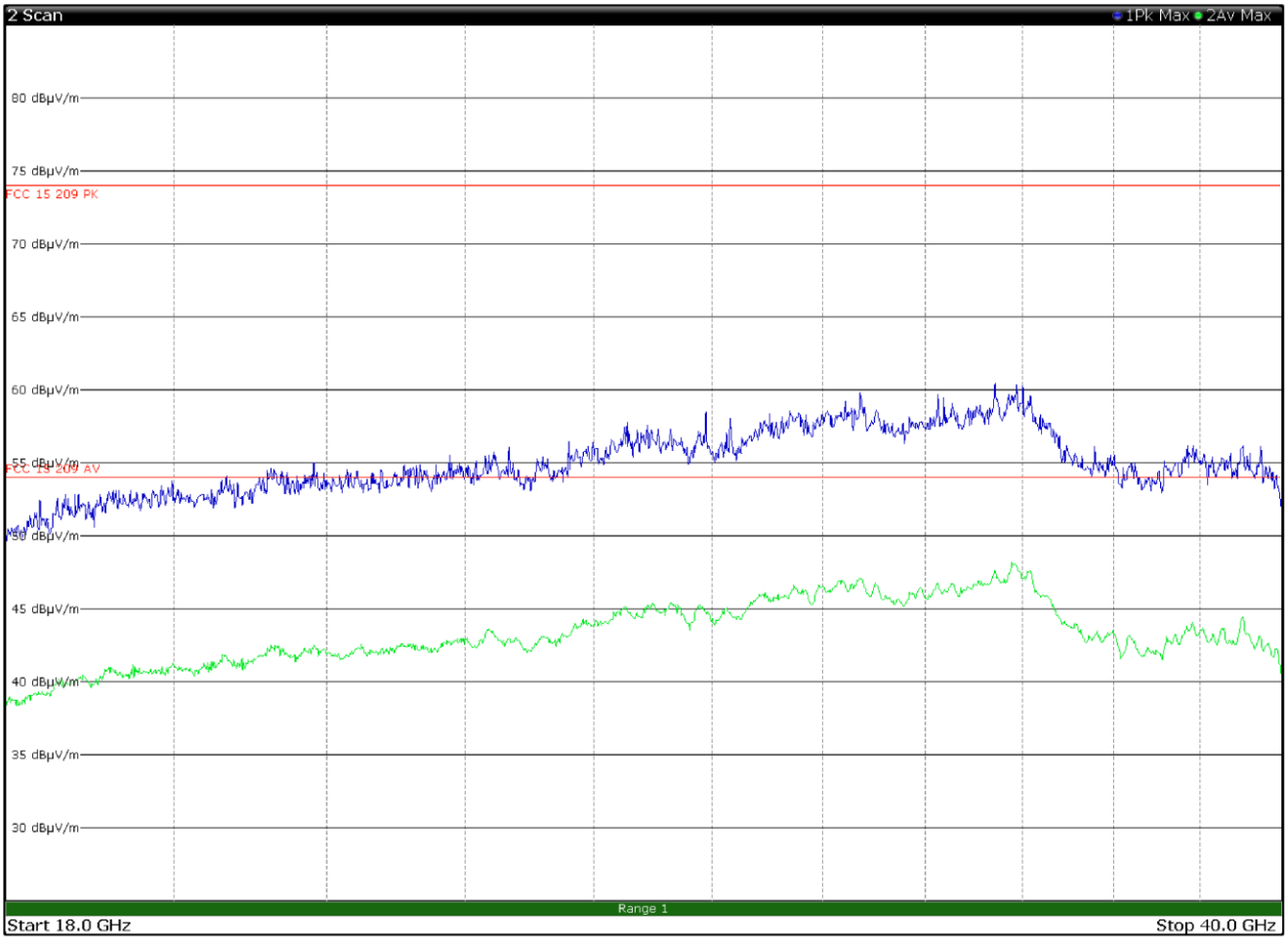
Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437MHz – antenna in vertical polarization –

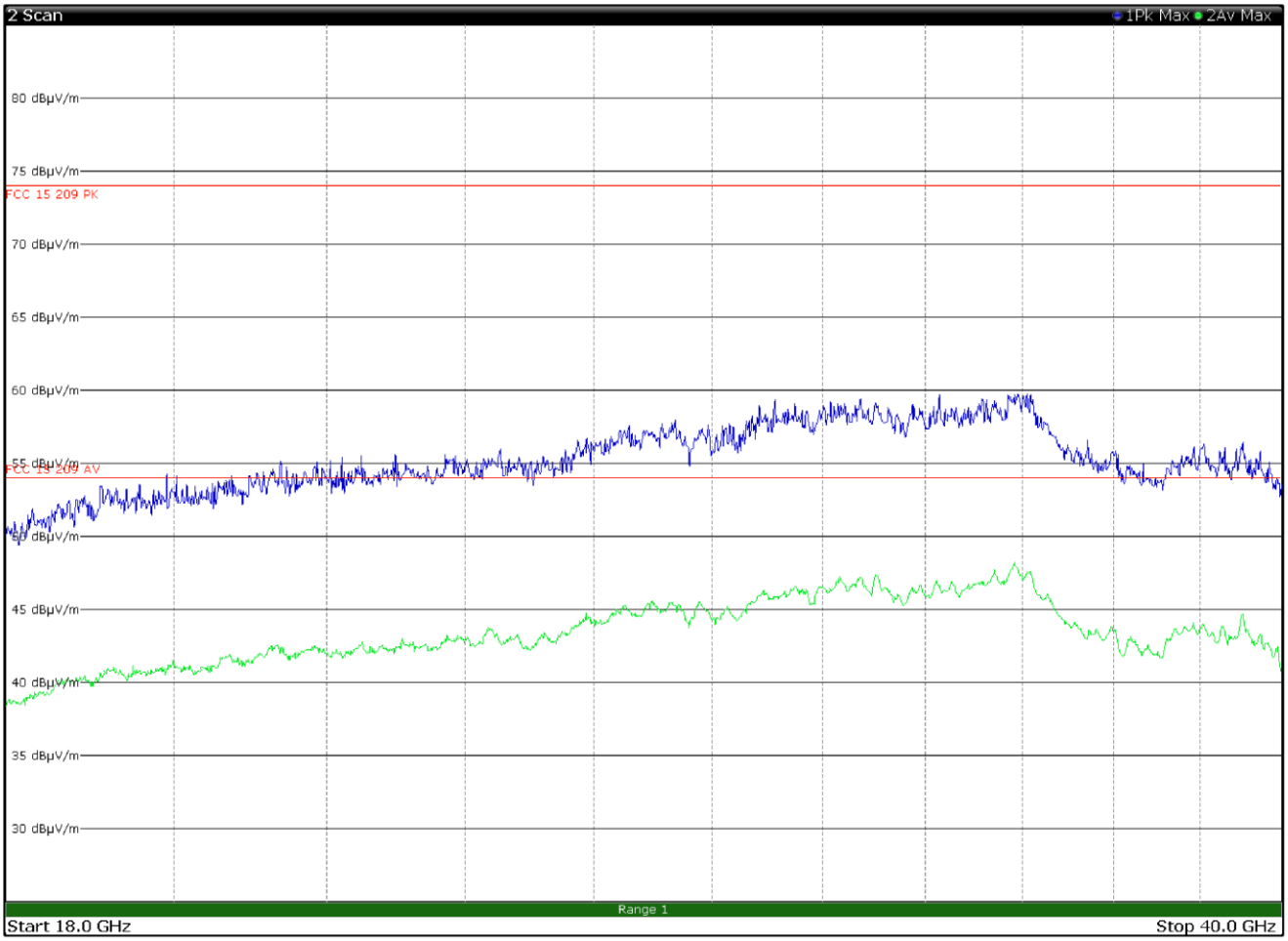
Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (GHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
--	--	--	--	--

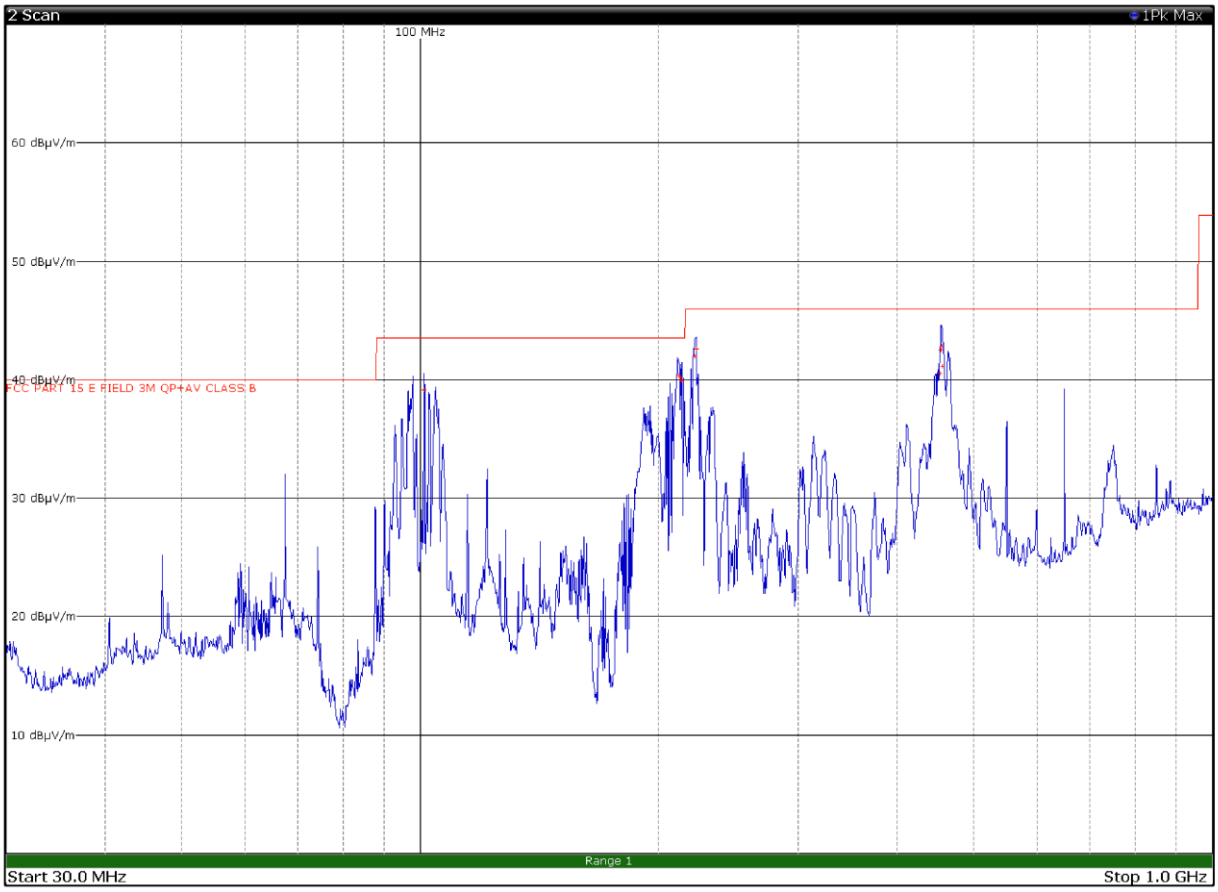
The limit for LTE is -13 dBm. Limit (dBµV/m) = limit (dBm) + 95.23 = 82.2 dBµV/m



***:** Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437MHz – antenna in horizontal polarization –*

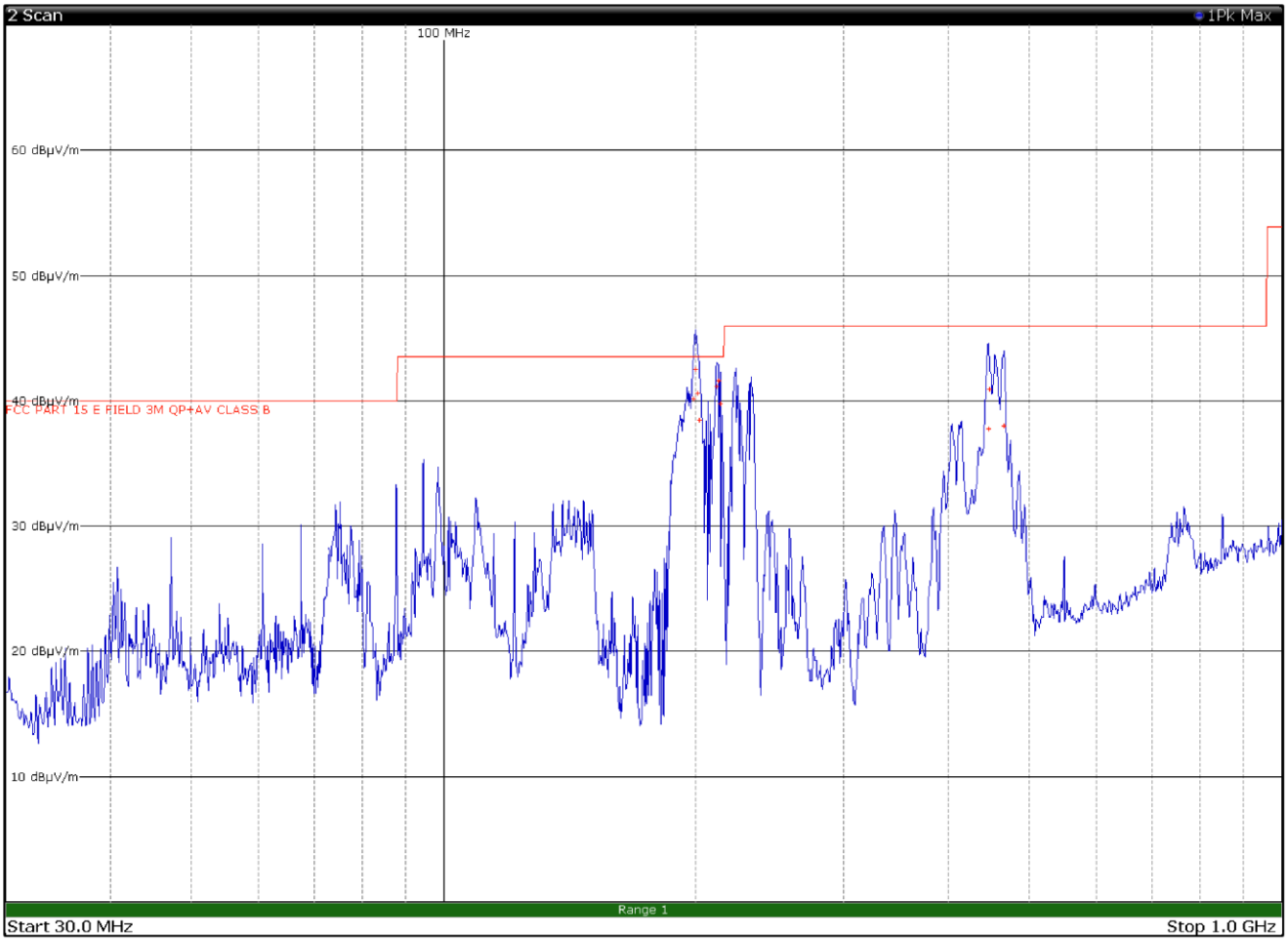


Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437MHz – antenna in vertical polarization –



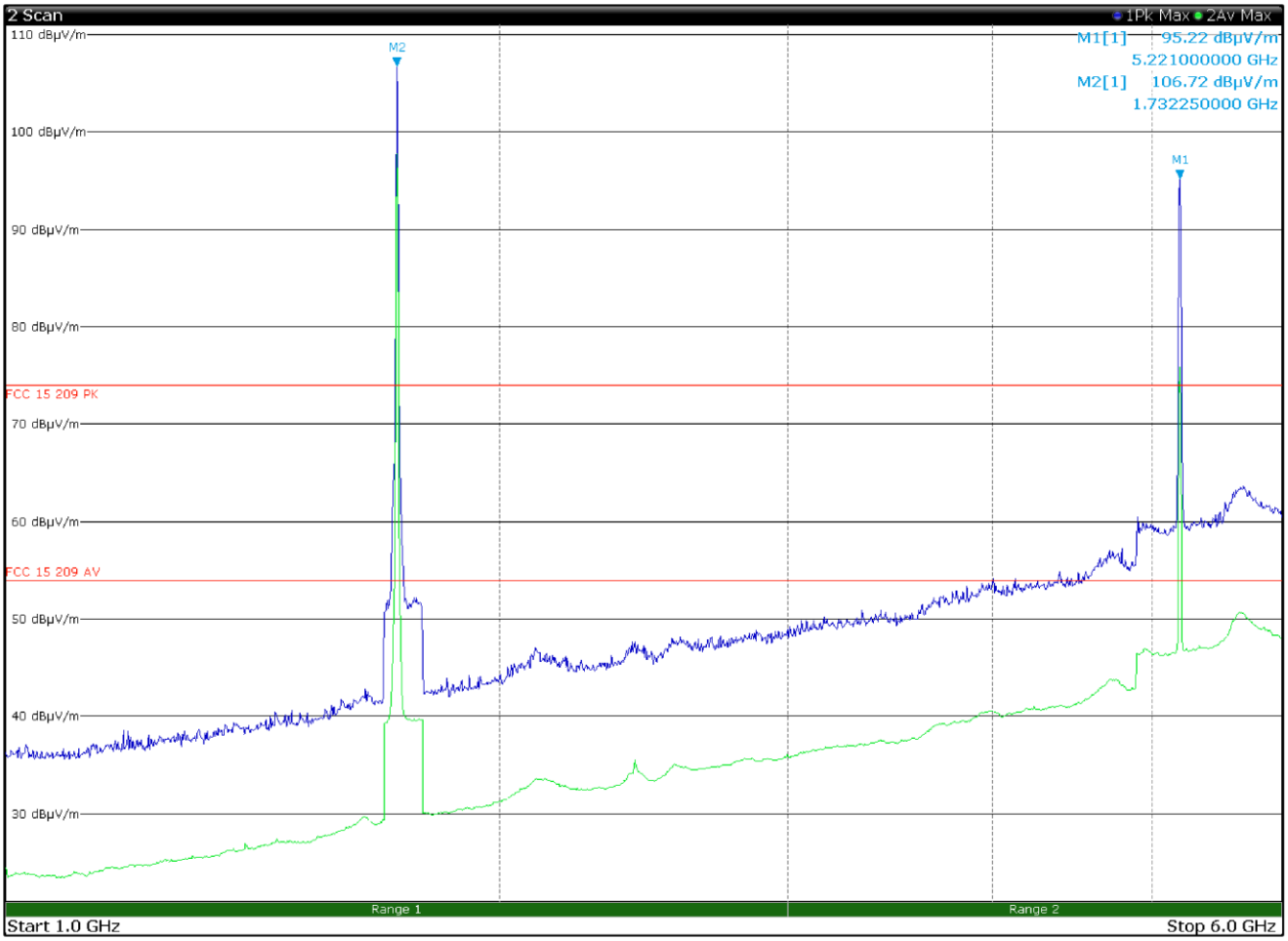
Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 5220MHz – antenna in horizontal polarization – EUT in configuration 2

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
101.1900	39.1	43.5	-4.4	QP
211.4400	40.4	43.5	-3.1	QP
212.6100	40.2	43.5	-3.3	QP
213.7800	39.9	43.5	-3.6	QP
222.0300	42.0	46.0	-4.0	QP
223.1700	42.6	46.0	-3.4	QP
453.4500	40.5	46.0	-5.5	QP
454.6200	42.6	46.0	-3.5	QP
455.7900	42.8	46.0	-3.2	QP
456.9600	41.1	46.0	-4.9	QP



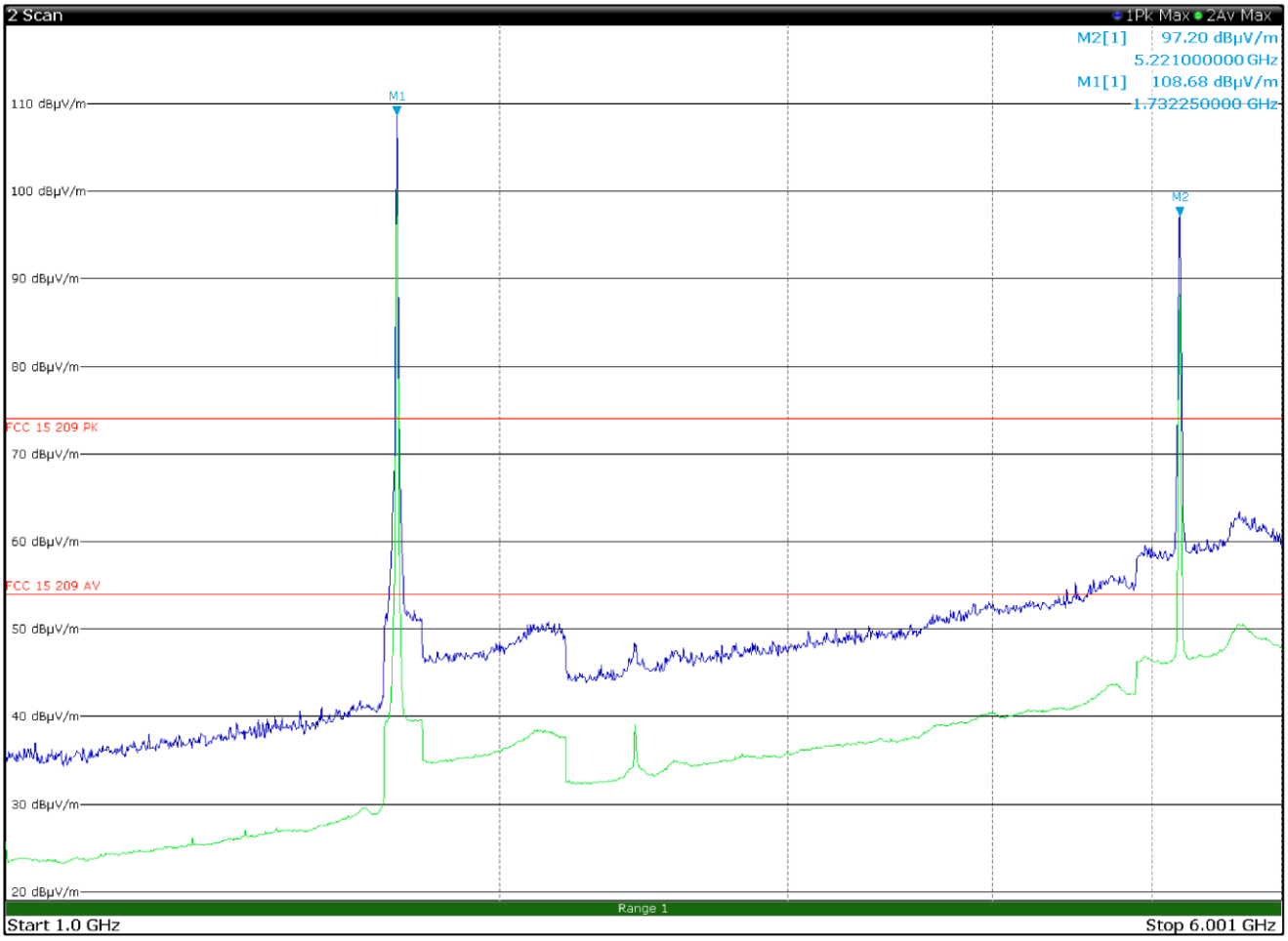
Radiated spurious emissions, LTE Tx at732.5 MHz, WIFI Tx at 5220 MHz – antenna in vertical polarization –

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
198.5400	40.1	43.5	-3.4	QP
199.7100	42.5	43.5	-1.0	QP
200.8800	40.6	43.5	-2.9	QP
202.0200	38.4	43.5	-5.1	QP
211.5000	41.1	43.5	-2.4	QP
212.5800	41.6	43.5	-1.9	QP
213.7800	39.8	43.5	-3.7	QP
446.5200	37.8	46.0	-8.2	QP
447.5700	40.9	46.0	-5.1	QP
466.5000	38.0	46.0	-8.0	QP



Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 5220 MHz – antenna in horizontal polarization –

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected



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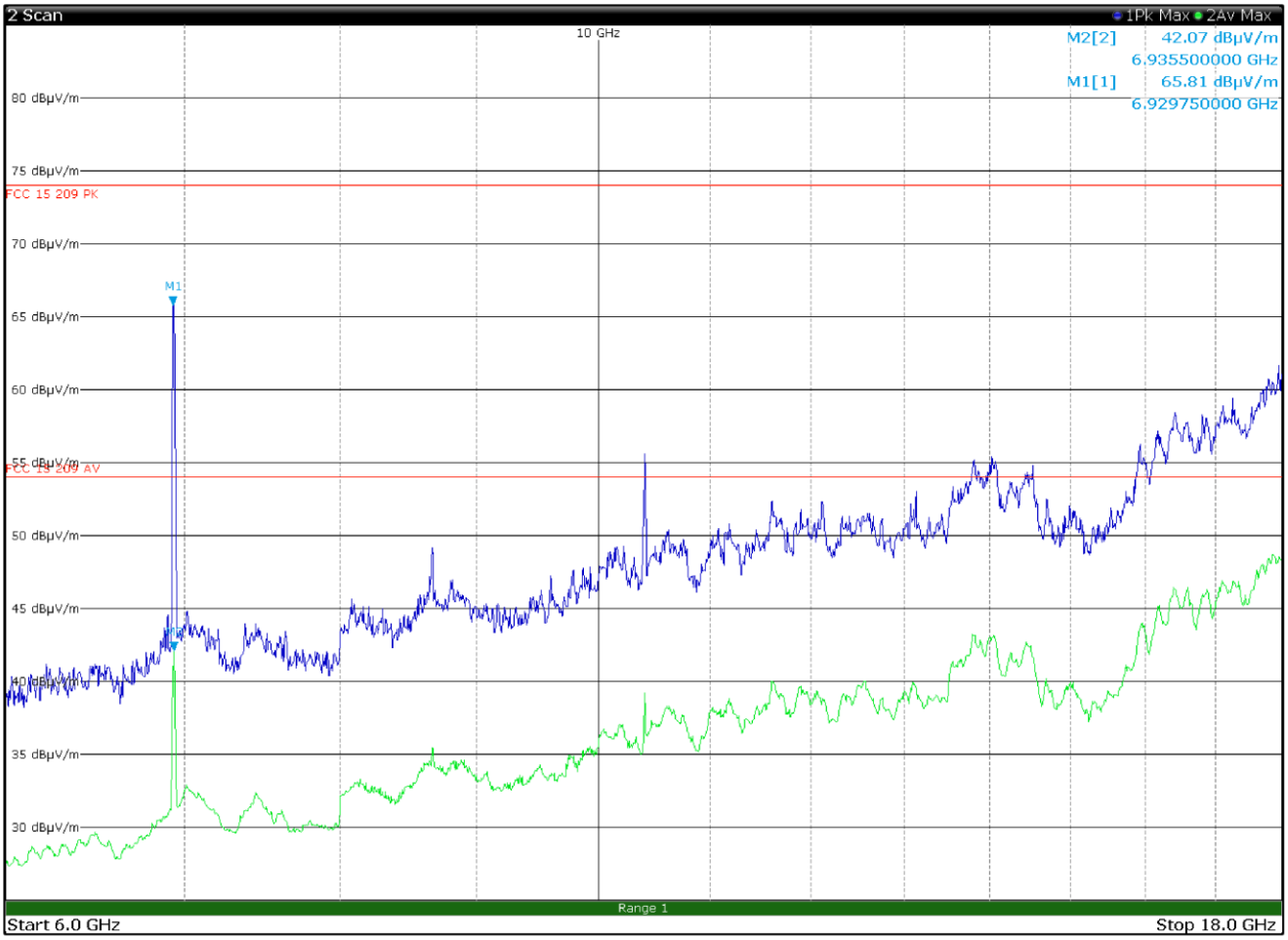
Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 5220 MHz – antenna in vertical polarization –

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

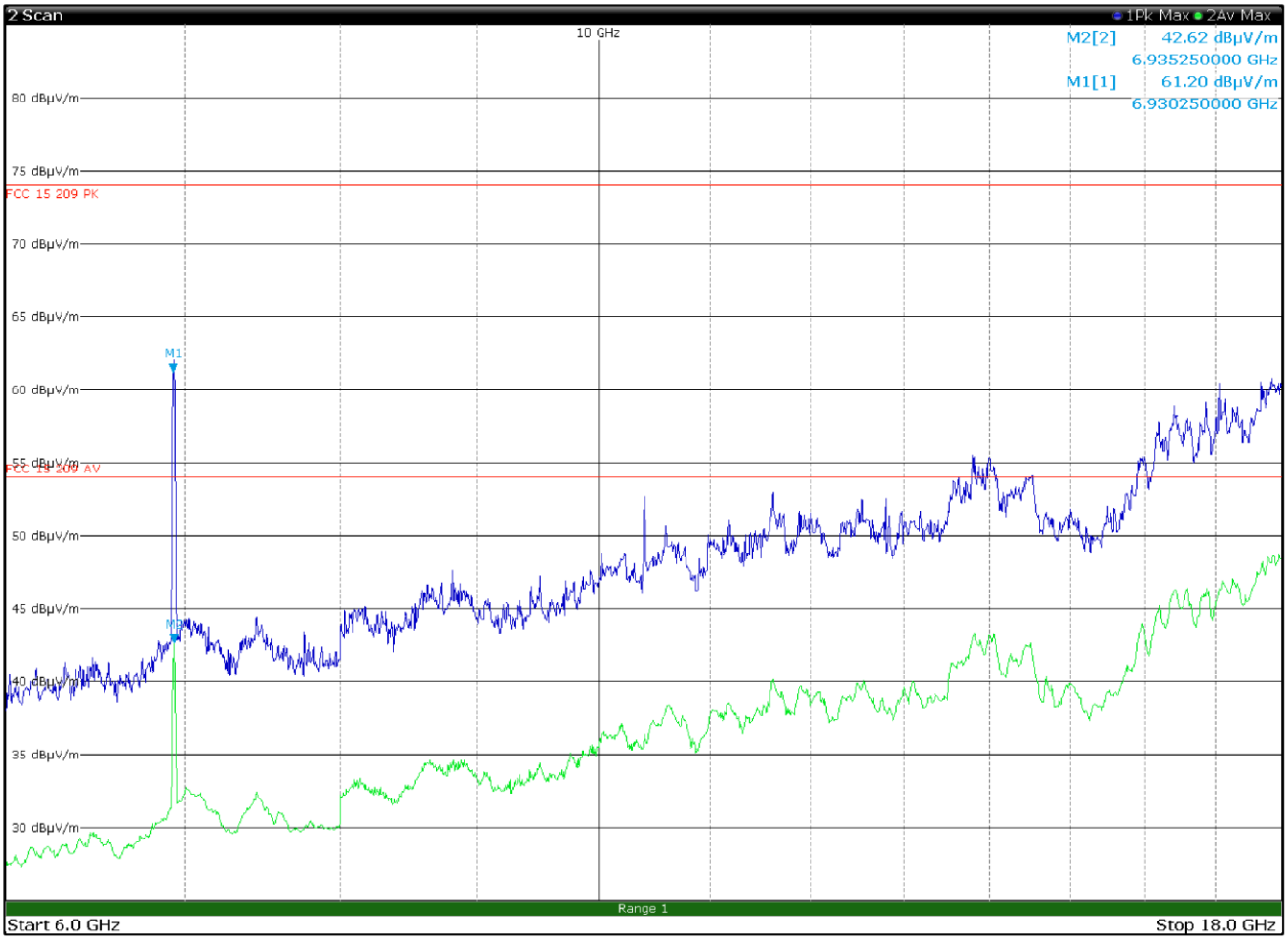


Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 5220 MHz – antenna in horizontal polarization –

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (GHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
6929.750	65.8	82.2	-16.4	PK

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



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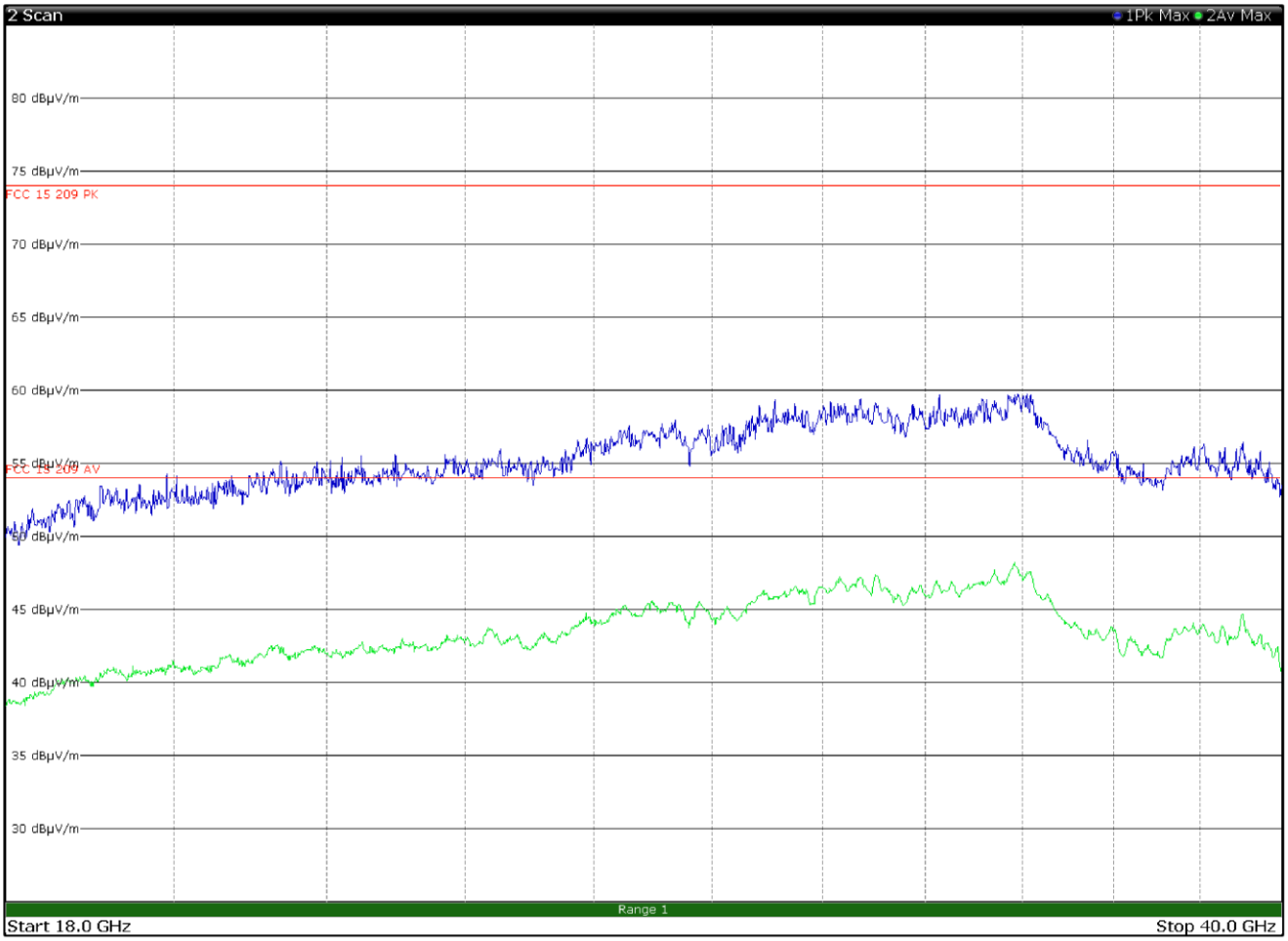
Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 5220 MHz – antenna in vertical polarization –

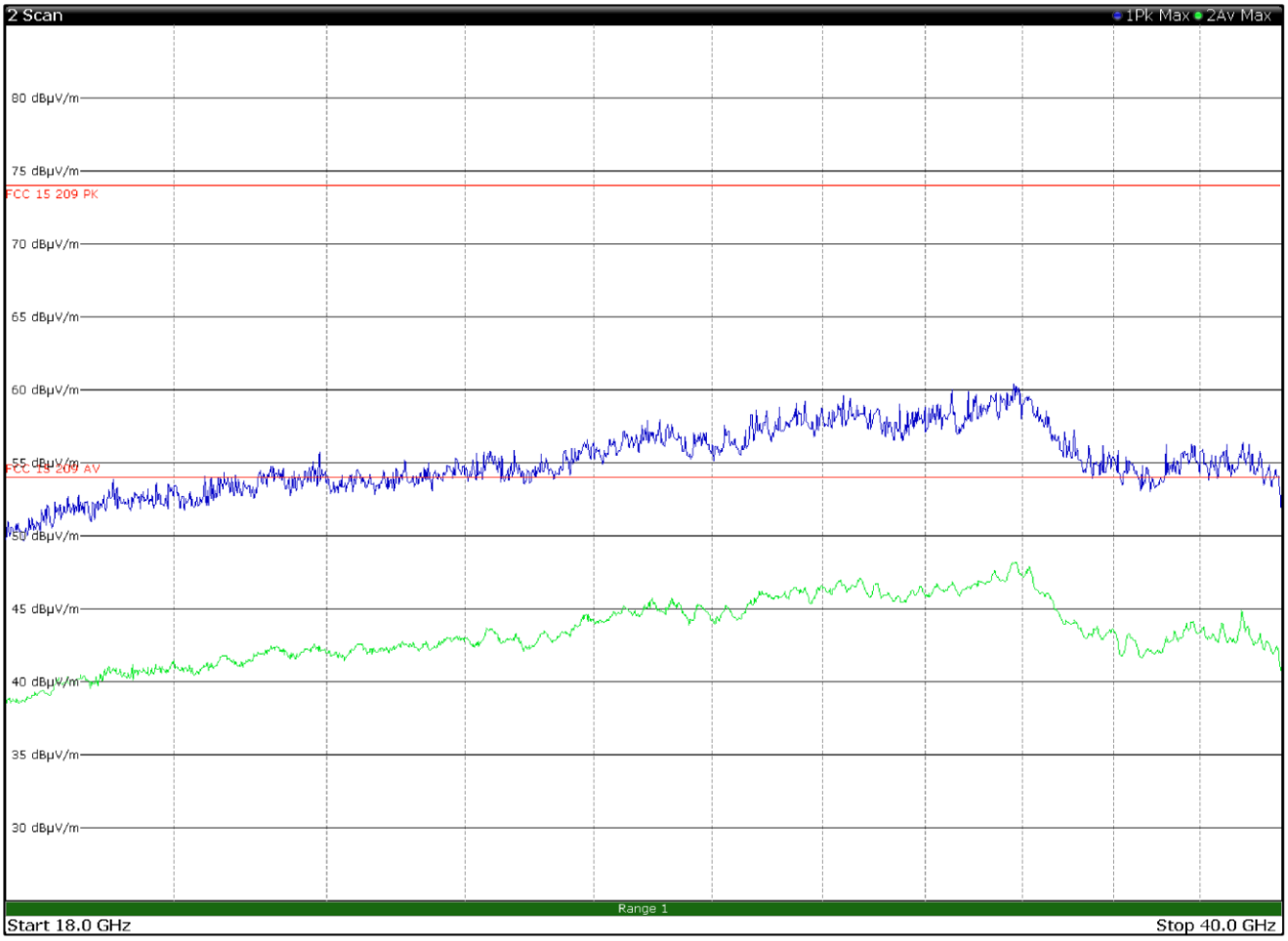
Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (GHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
6929.750	61.2	82.2	-21.2	PK

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



Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 5220 MHz – antenna in horizontal polarization –



***:** Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 5220 MHz – antenna in vertical polarization –*

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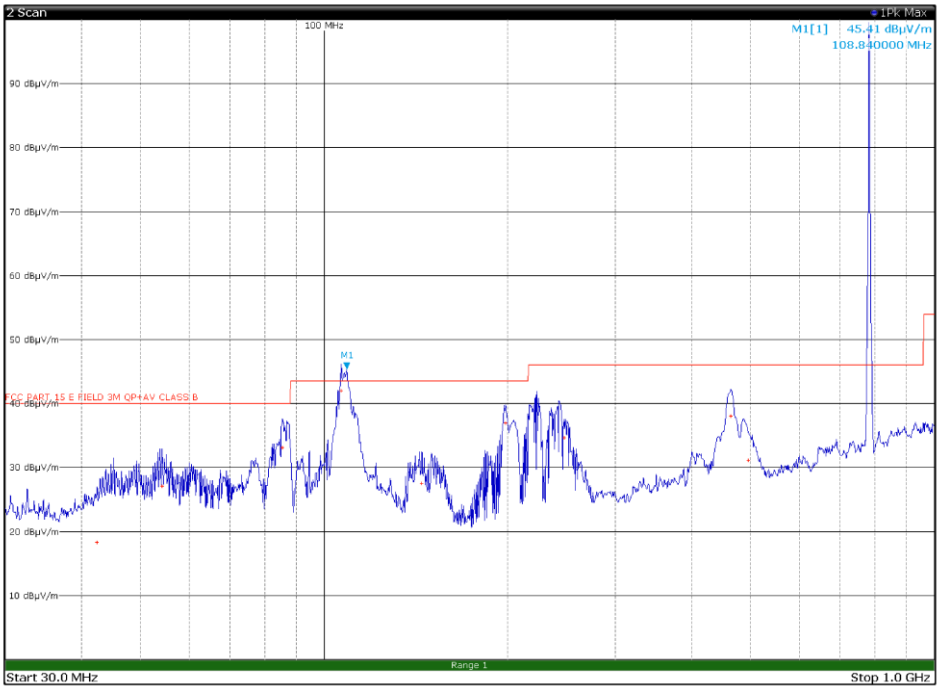
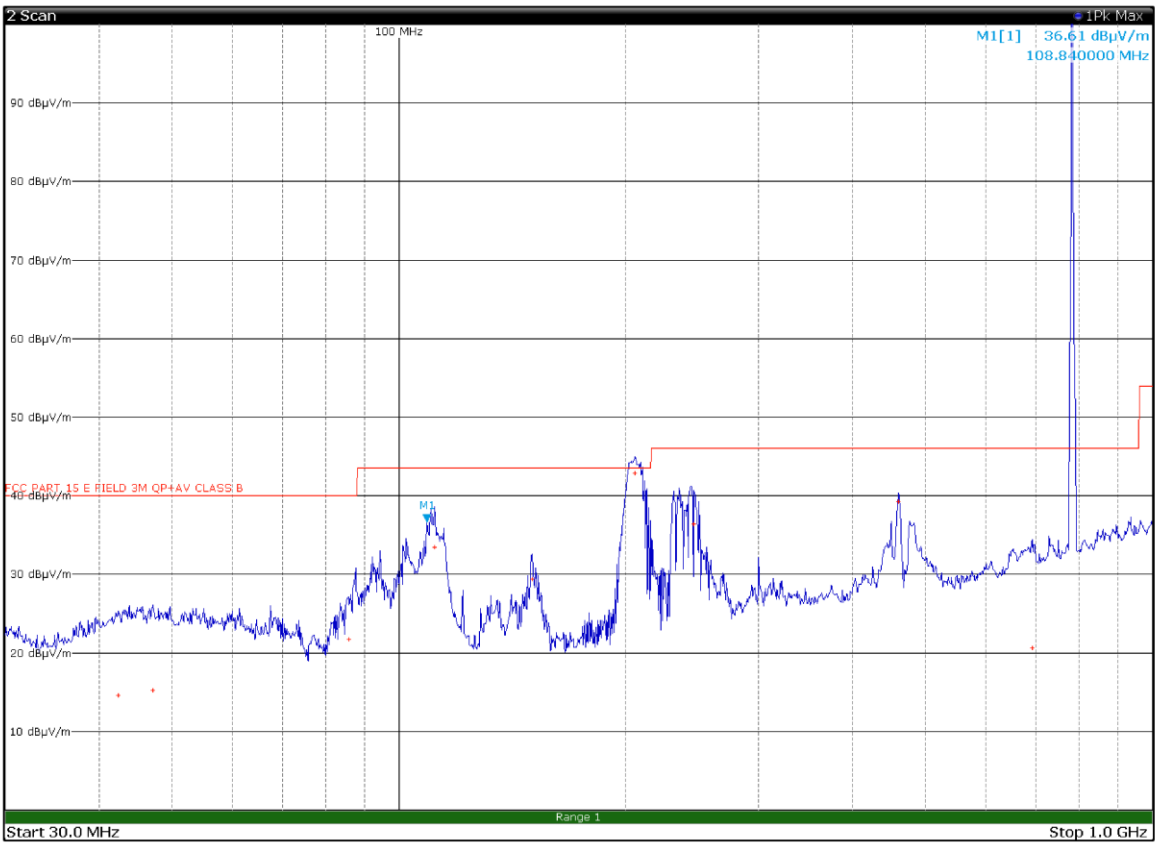


Radiated spurious emissions, LTE Tx at 782 MHz, WIFI Tx at 2437 MHz – antenna in vertical polarization

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

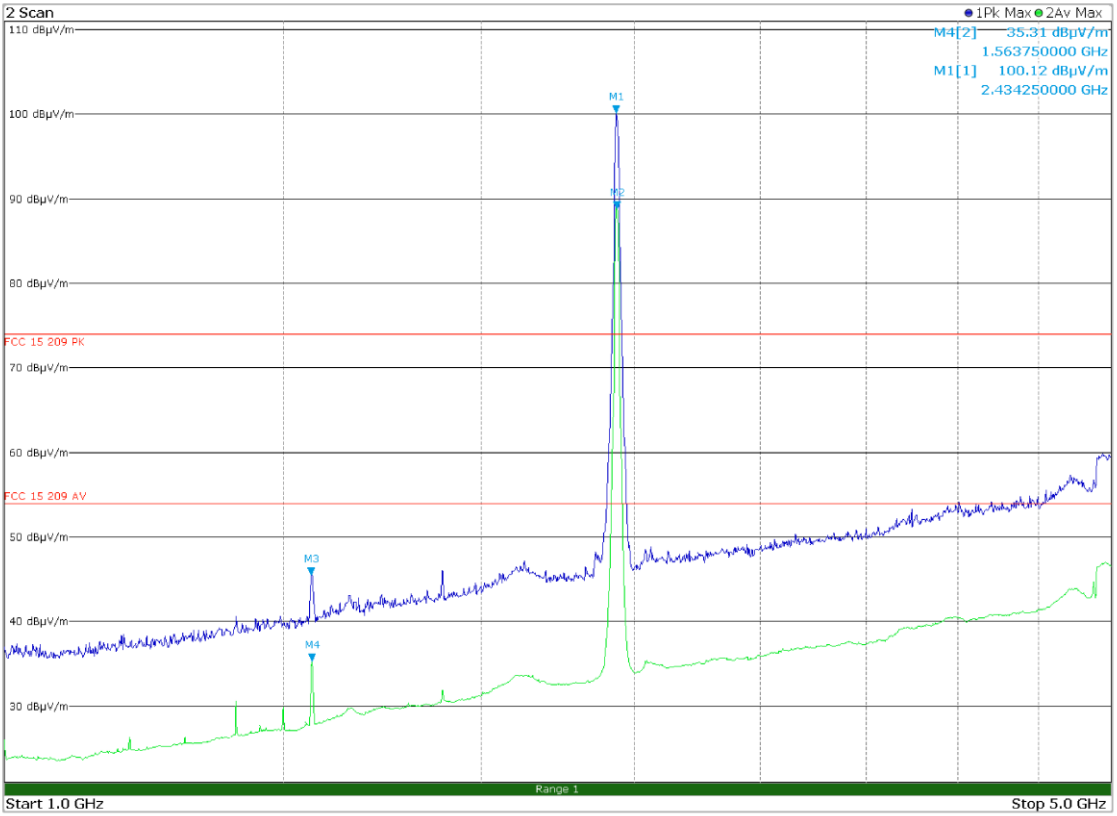
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
41.9100	15.1	40.0	-24.9	QP
54.1800	28.9	40.0	-11.1	QP
85.7700	34.6	40.0	-5.4	QP
106.5600	42.6	43.5	-0.9	QP
140.8800	27.8	43.5	-15.7	QP
198.4500	38.1	43.5	-5.4	QP
247.4700	36.0	46.0	-10.0	QP
464.2200	39.7	46.0	-6.3	QP
495.9600	28.4	46.0	-17.6	QP



Radiated spurious emissions, LTE Tx at 782 MHz, WIFI Tx at 2437 MHz – antenna in horizontal polarization

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
42.2700	13.8	40.0	-26.2	QP
44.7000	17.0	40.0	-23.0	QP
85.3200	21.7	40.0	-18.3	QP
111.5100	34.0	43.5	-9.5	QP
150.7200	28.1	43.5	-15.4	QP
205.8300	43.3	43.5	-0.2	QP
246.3000	38.1	46.0	-7.9	QP
460.6800	39.5	46.0	-6.5	QP
683.4600	21.9	46.0	-24.1	QP



Radiated spurious emissions, LTE Tx at 782 MHz, WIFI Tx at 2437 MHz – antenna in vertical polarization

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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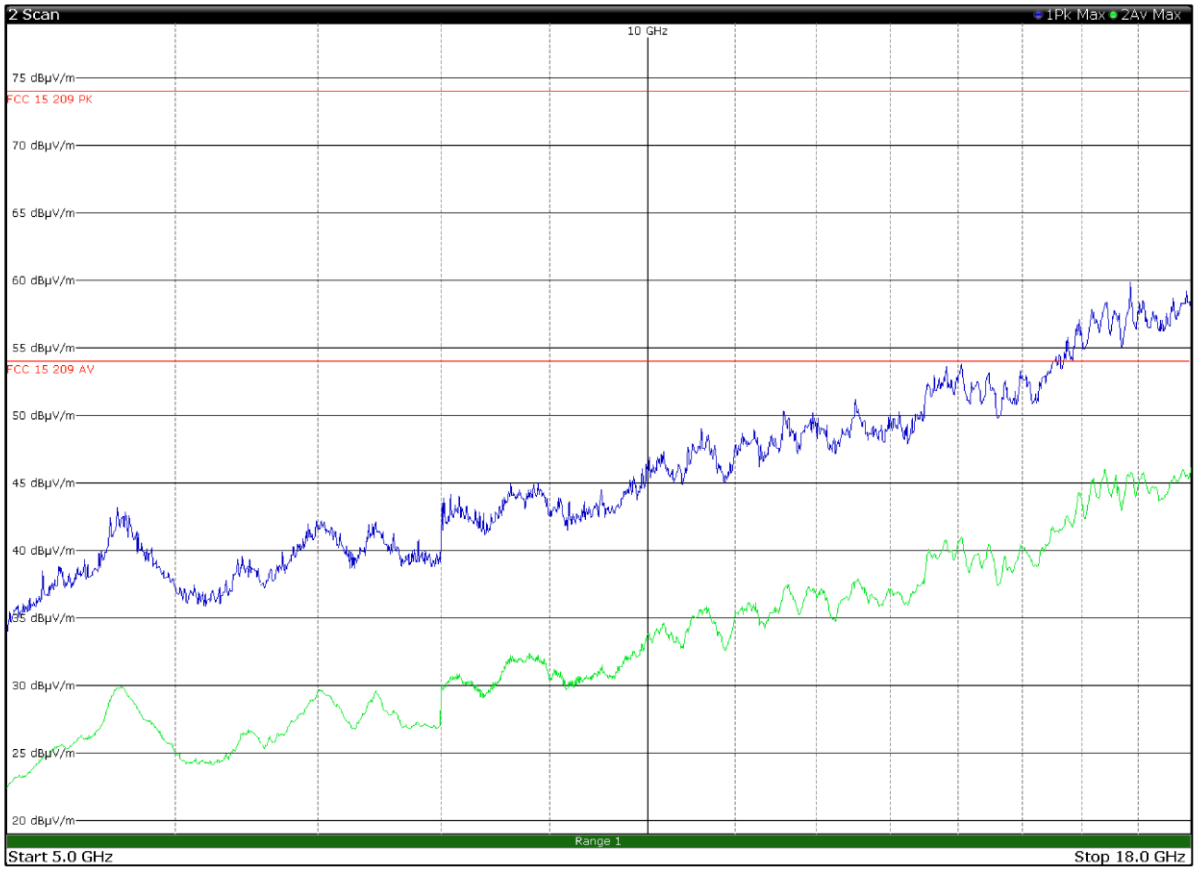

Radiated spurious emissions, LTE Tx at 782 MHz, WIFI Tx at 2437 MHz – antenna in vertical polarization

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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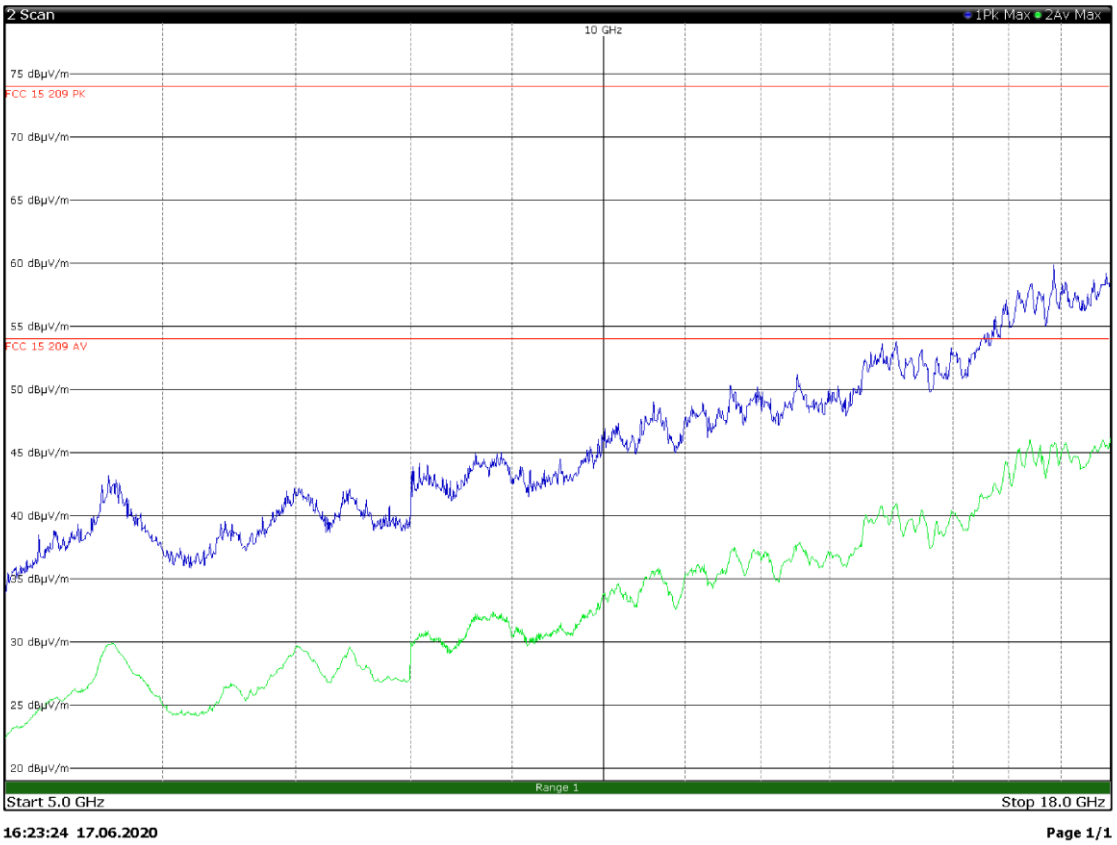

Radiated spurious emissions, LTE Tx at 782 MHz, WIFI Tx at 2437 MHz – antenna in horizontal polarization

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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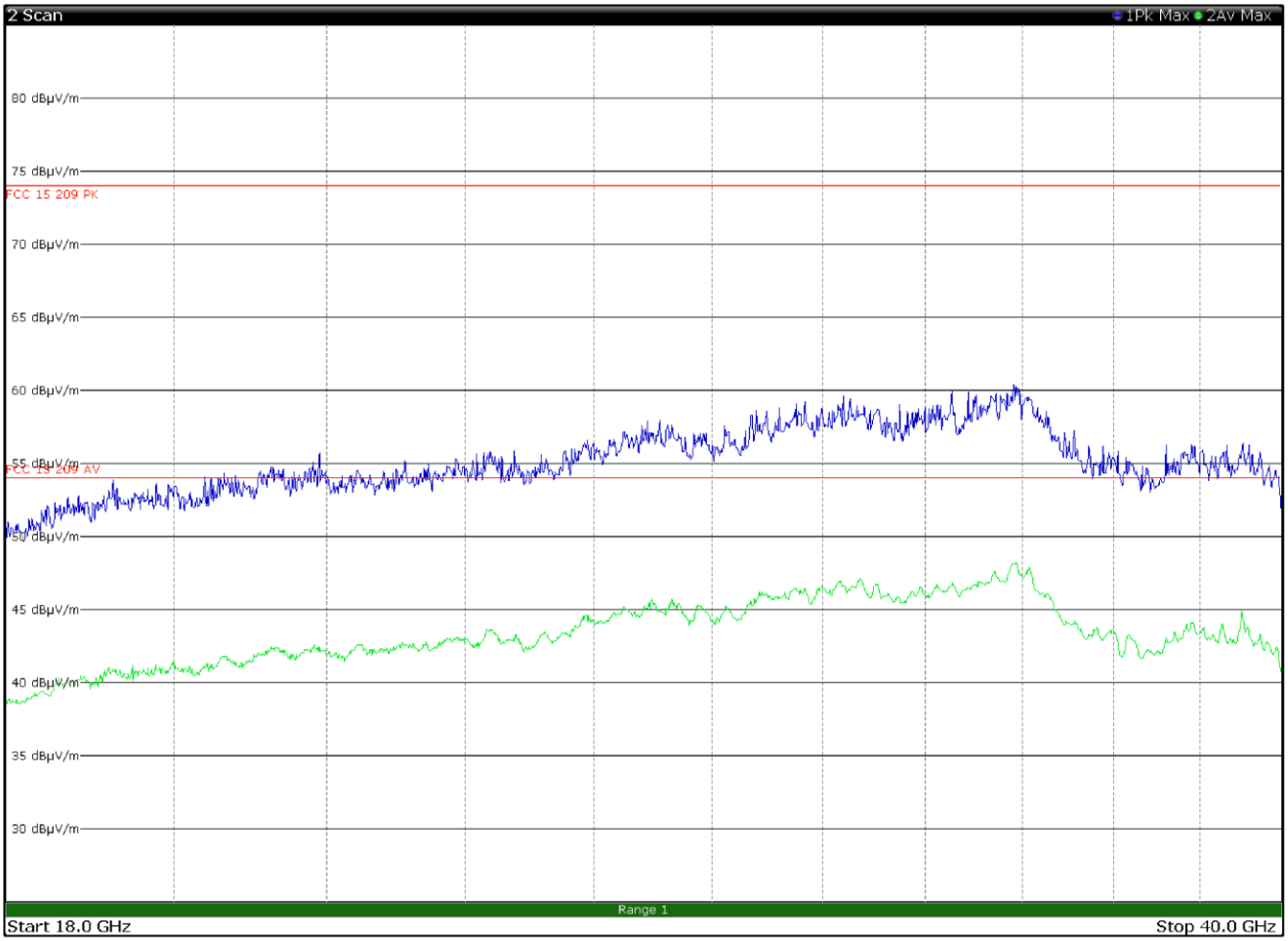
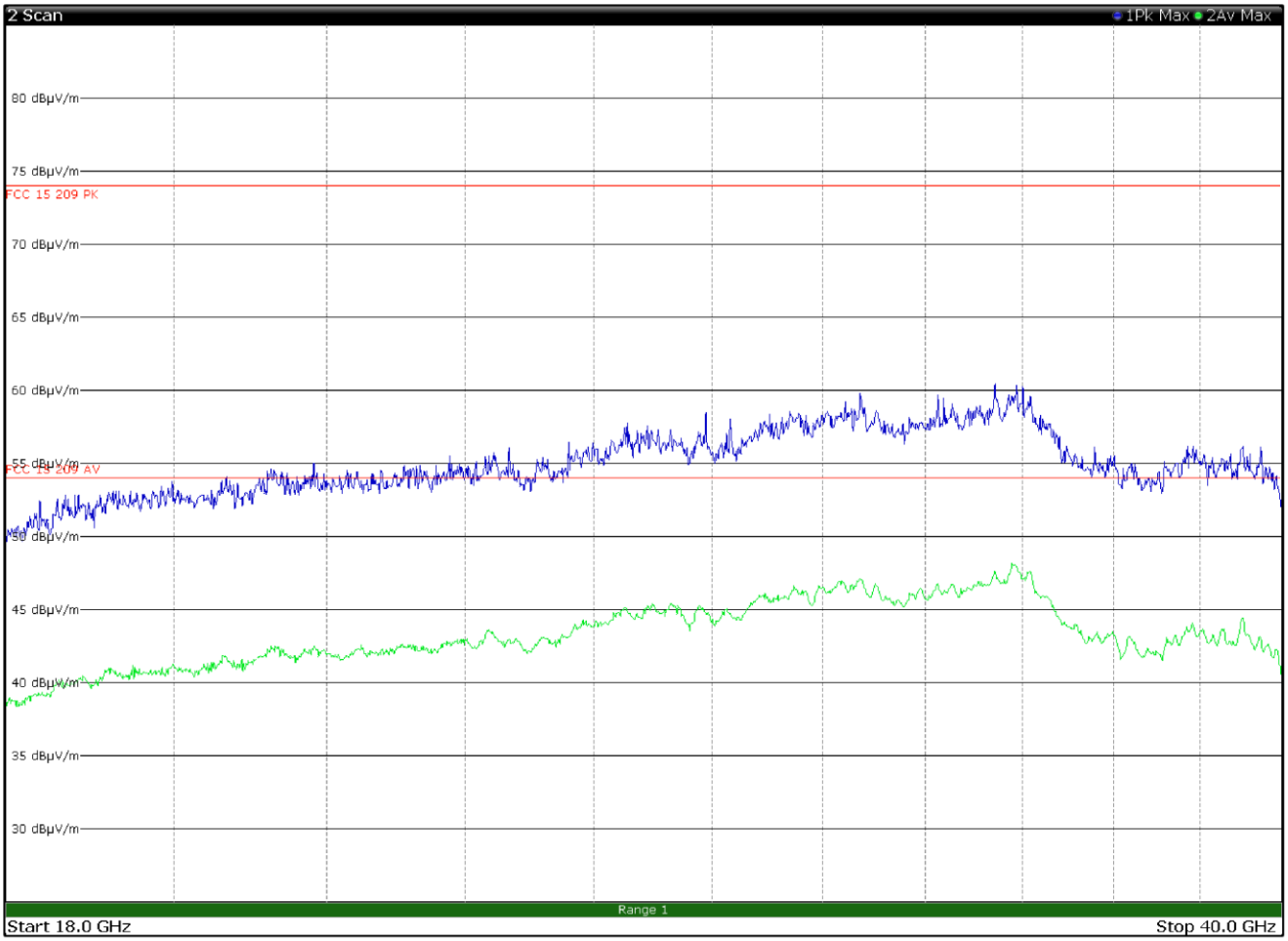
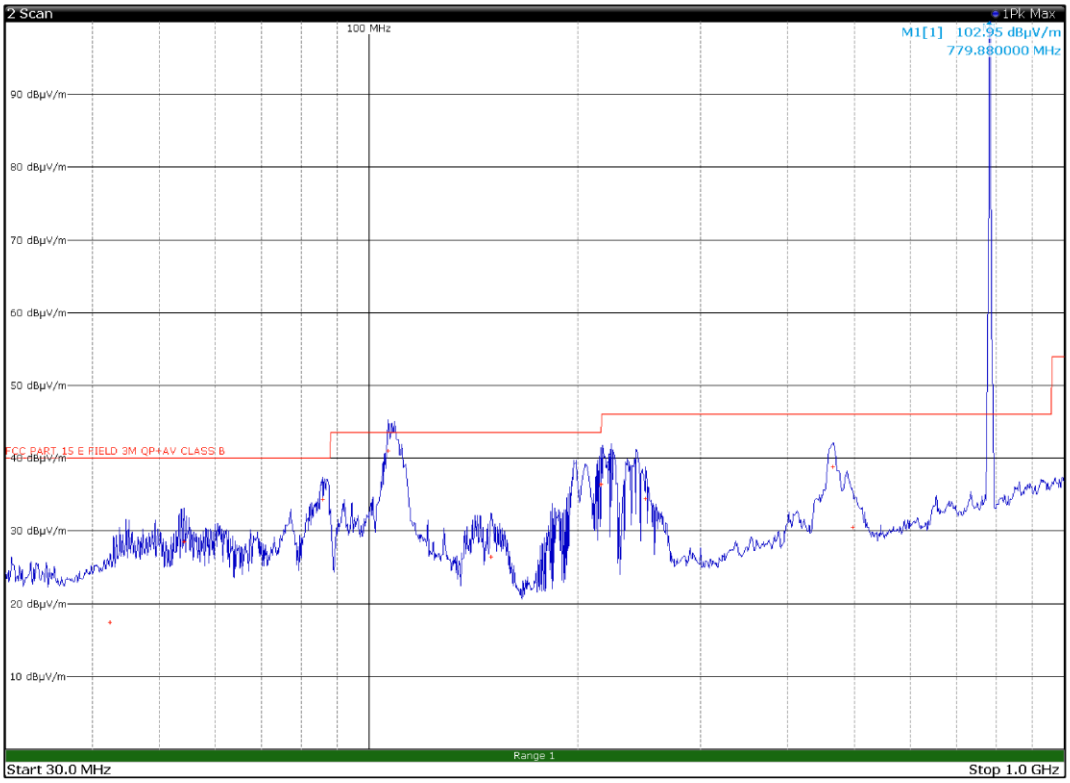


Radiated spurious emissions, LTE Tx at 782MHz, WIFI Tx at 2437 MHz – antenna in horizontal polarization –



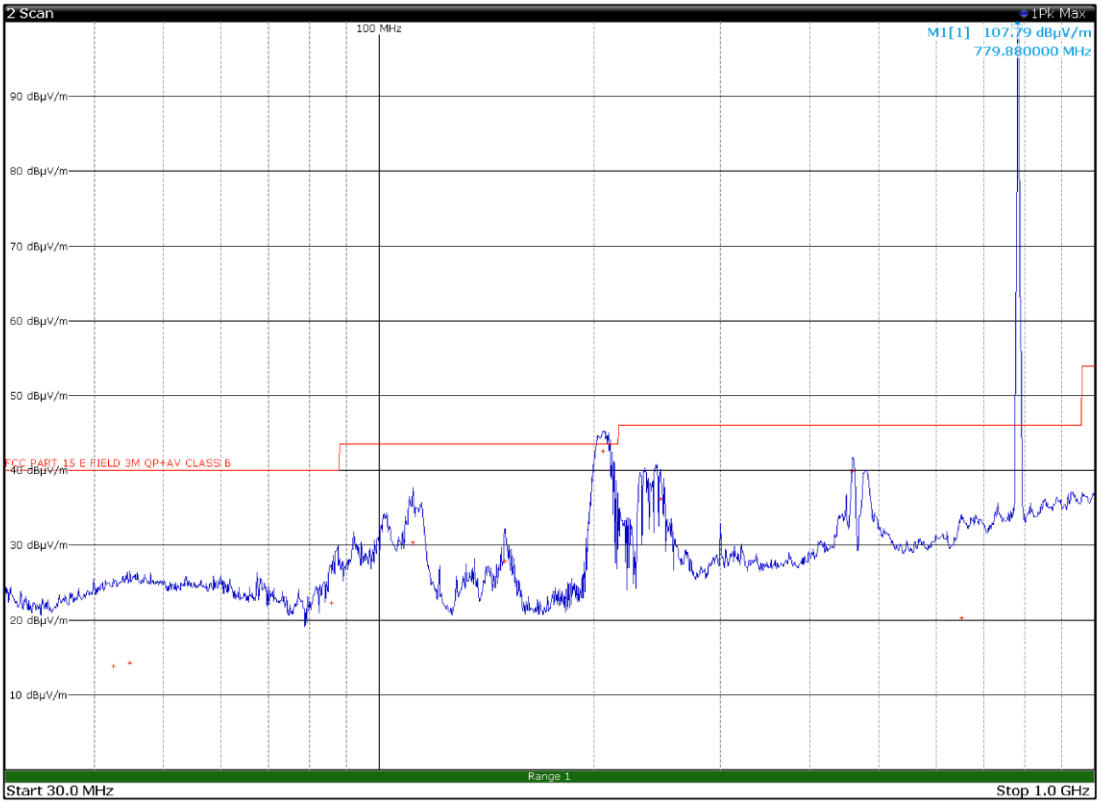
: Radiated spurious emissions, LTE Tx at 782MHz, WIFI Tx at 2437 MHz – antenna in vertical polarization –



Radiated spurious emissions, LTE Tx at 782MHz, WIFI Tx at 5220 MHz **– antenna in vertical polarization –**

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

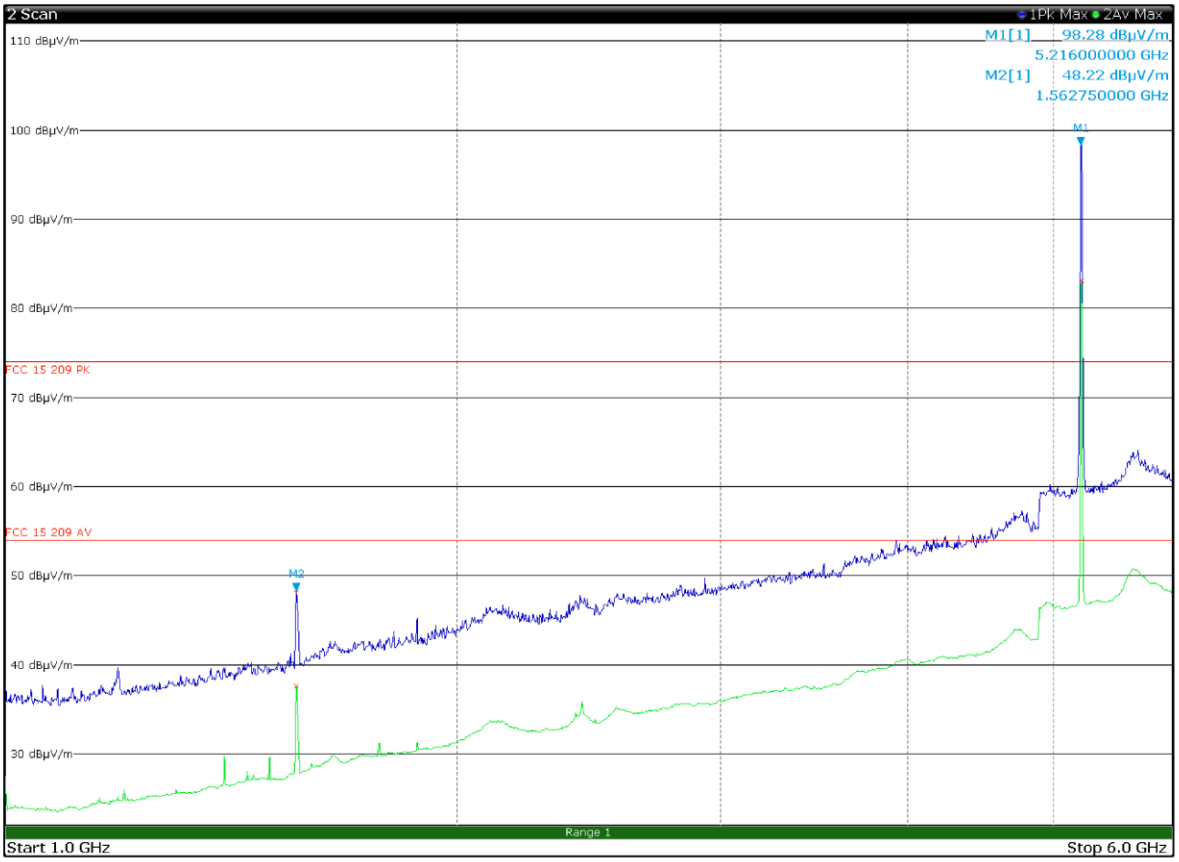
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
42.4500	17.4	40.0	-22.6	QP
54.1800	28.5	40.0	-11.5	QP
85.7700	34.3	40.0	-5.7	QP
106.5900	41.0	43.5	-2.5	QP
149.9700	26.5	43.5	-17.0	QP
215.6100	36.4	43.5	-7.1	QP
249.9900	34.4	46.0	-11.6	QP
465.4800	38.8	46.0	-7.2	QP
496.1400	30.5	46.0	-15.5	QP



Radiated spurious emissions, LTE Tx at 782MHz, WIFI Tx at 5220 MHz **– antenna in horizontal polarization –**

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
42.5100	13.8	40.0	-26.2	QP
44.8500	14.3	40.0	-25.7	QP
85.8000	22.2	40.0	-17.8	QP
111.5100	30.4	43.5	-13.2	QP
149.9700	27.9	43.5	-15.6	QP
205.7700	42.5	43.5	-1.0	QP
247.4400	36.2	46.0	-9.8	QP
459.4200	40.0	46.0	-6.0	QP
651.2100	20.3	46.0	-25.7	QP



Radiated spurious emissions, LTE Tx at 782MHz, WIFI Tx at 5220 MHz **– antenna in vertical polarization –**

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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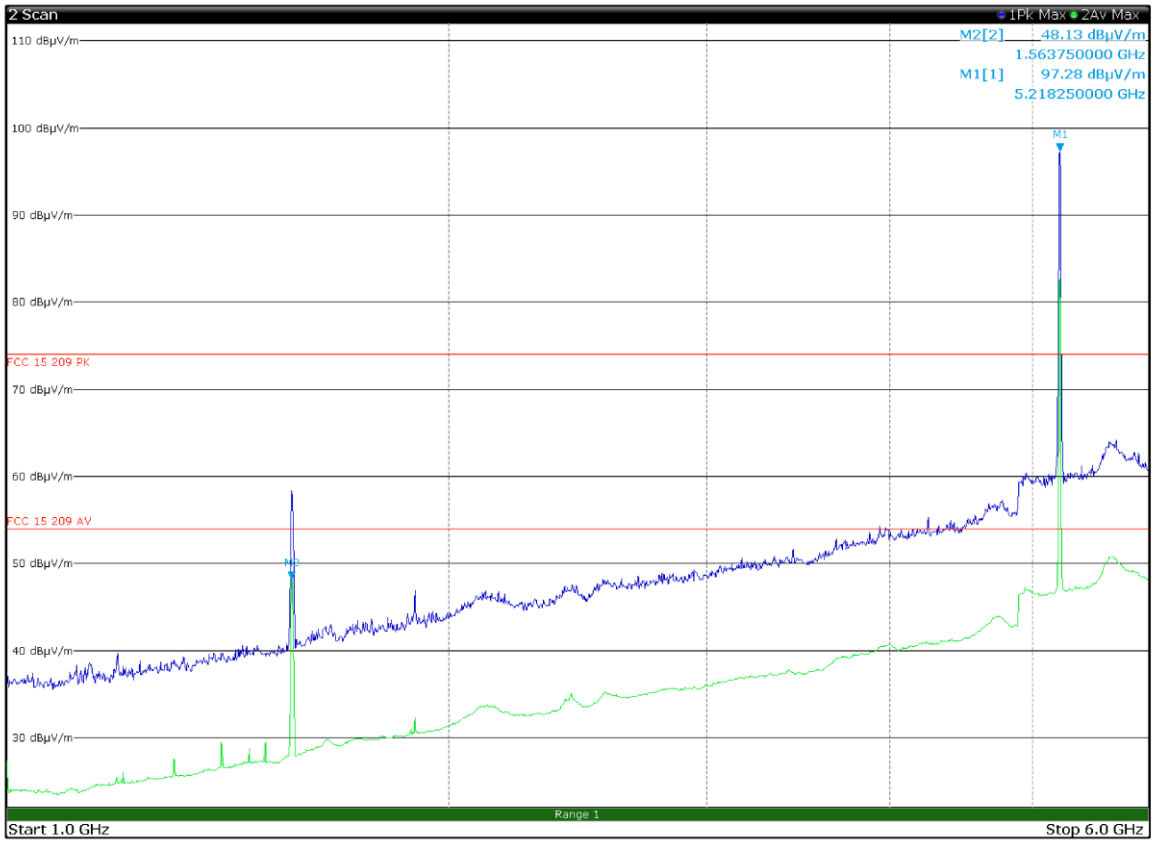

Radiated spurious emissions, LTE Tx at 782MHz, WIFI Tx at 5220 MHz **– antenna in horizontal polarization –**

Note: Emissions above the limit were from intentional emissions. no intermodulation emissions were detected

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1563.75	48.1	54.0	-5.9	AV