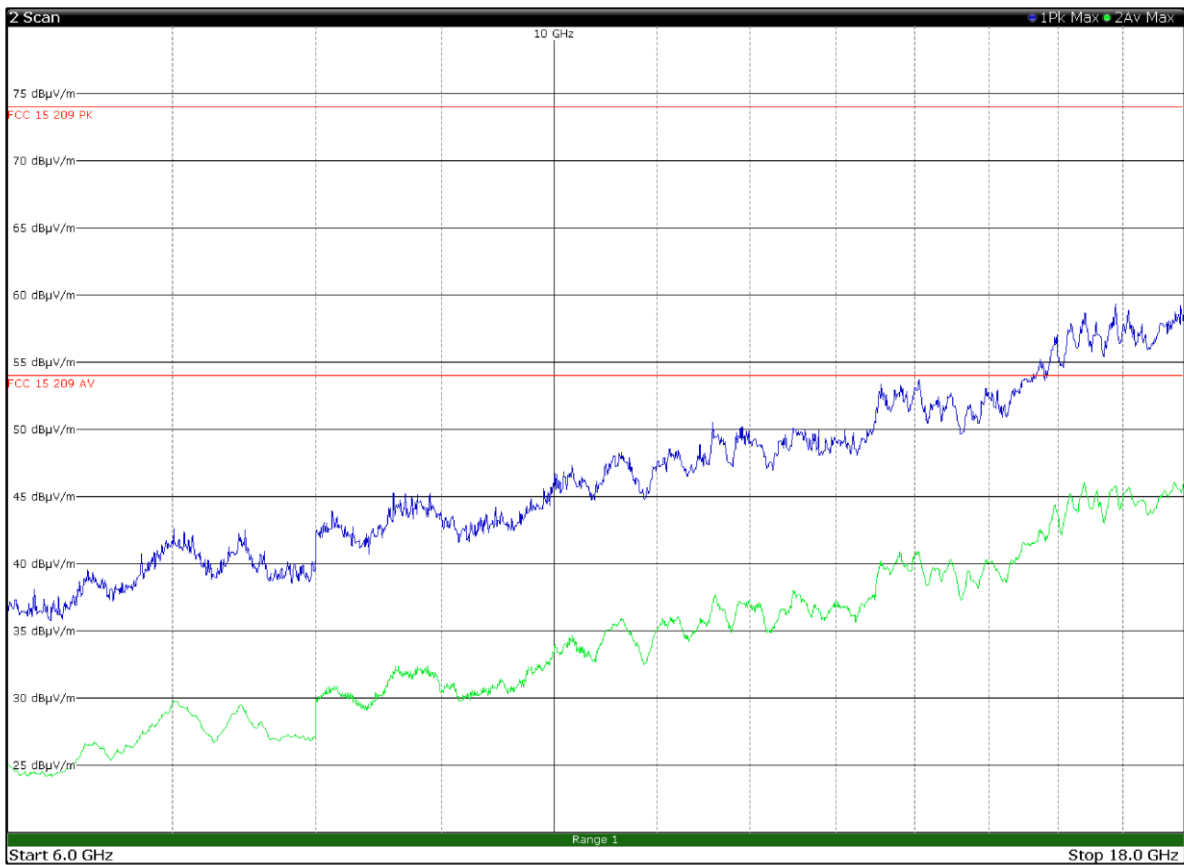


Radiated spurious emissions, LTE Tx at 782MHz, WIFI Tx at 5220 MHz – antenna in vertical polarization –

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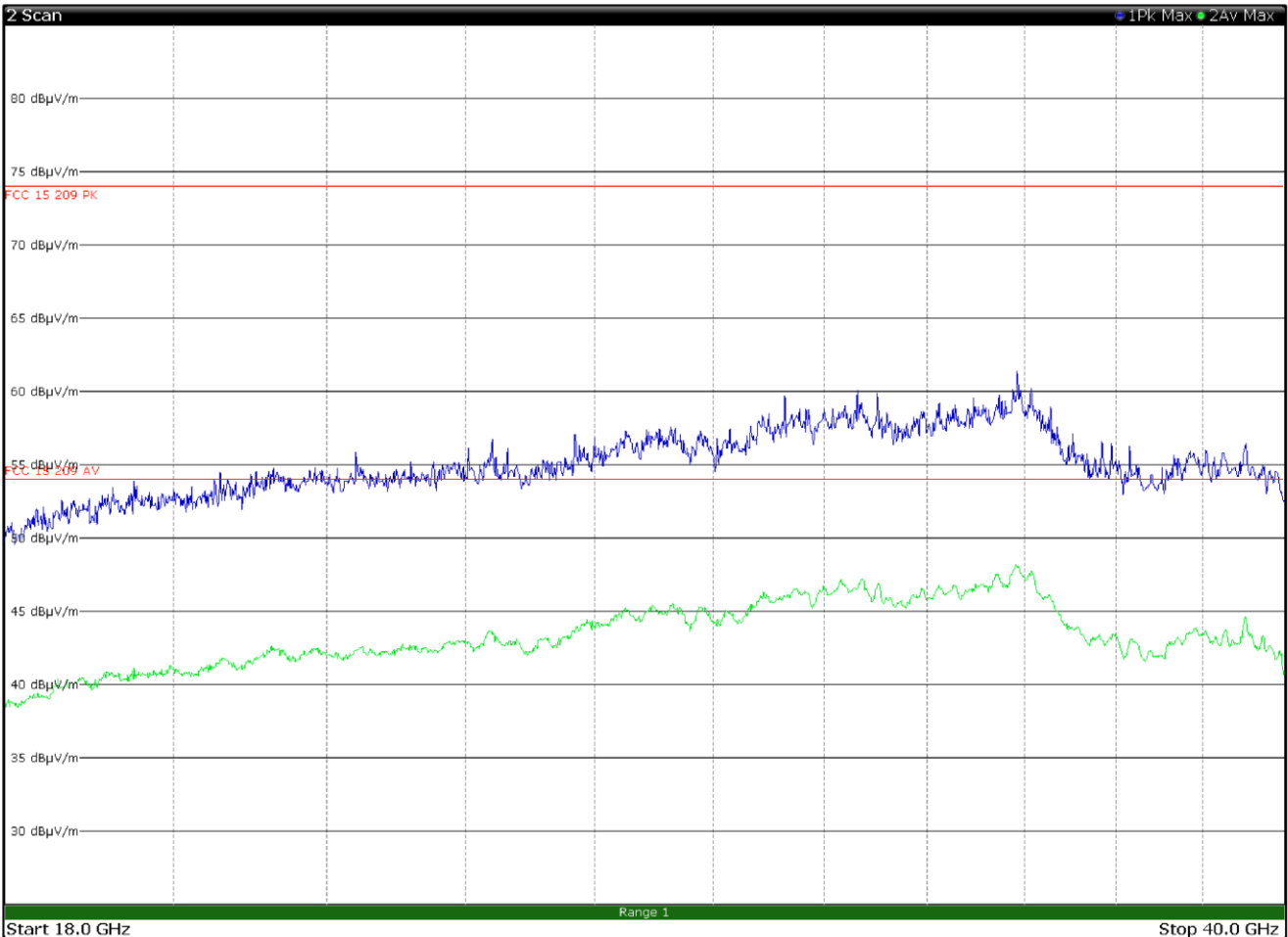
: Radiated spurious emissions, LTE Tx at 782MHz, WIFI Tx at 5220 MHz – antenna in horizontal polarization –

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

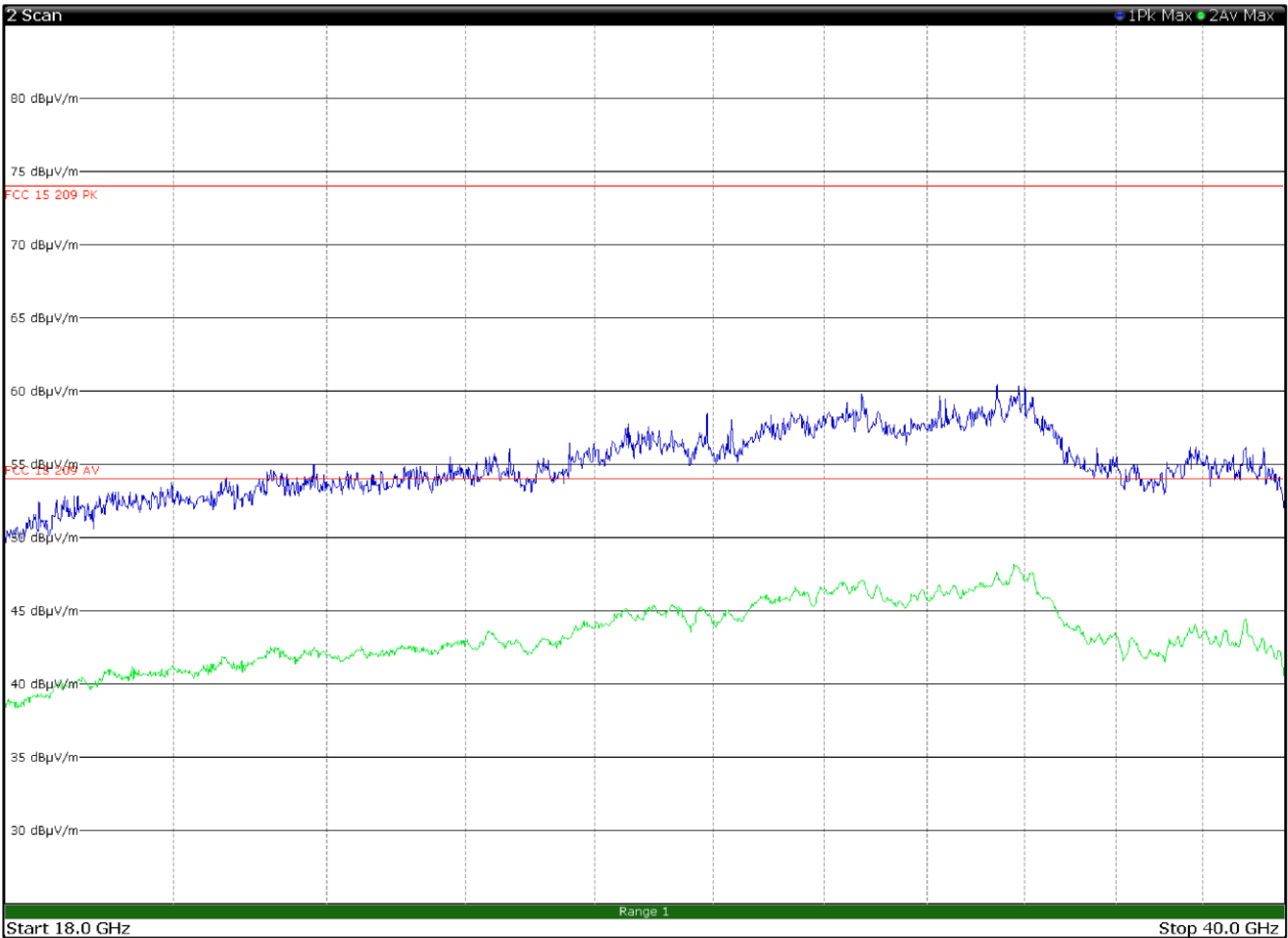
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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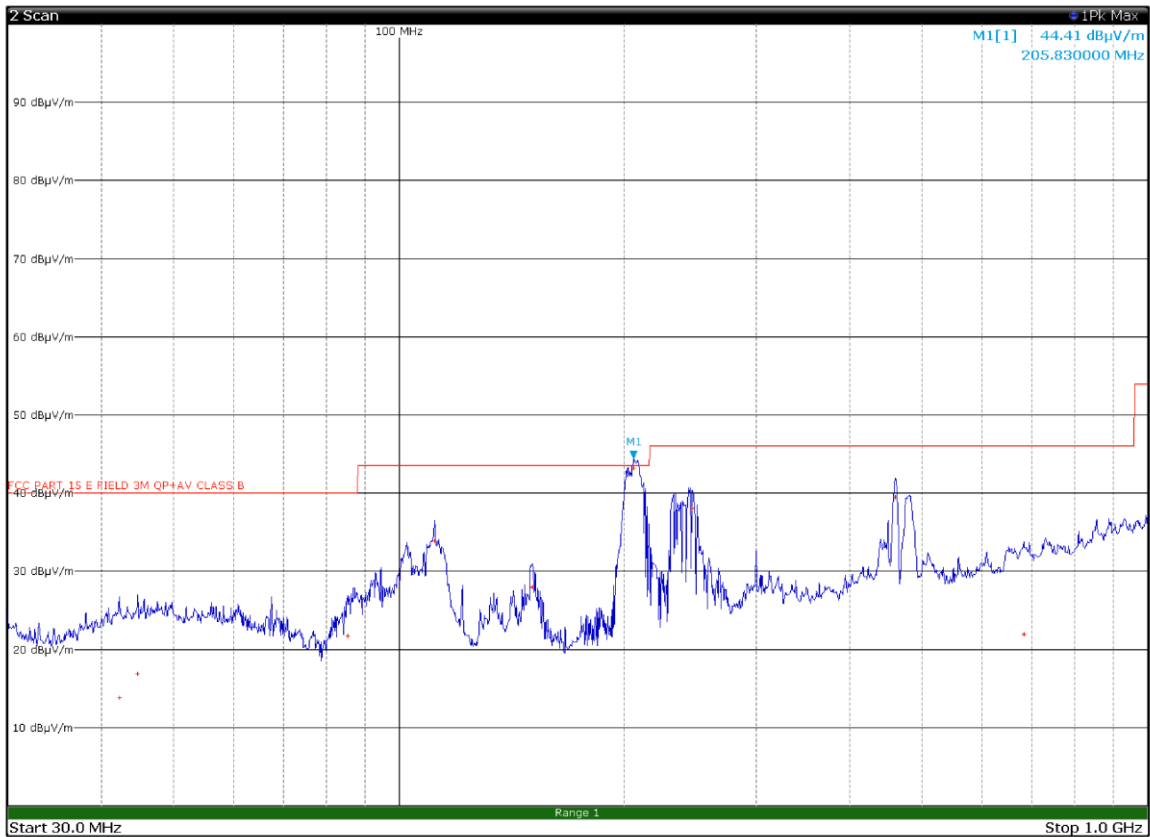
Testing data
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FCC Part 15 Subpart C and RSS-GEN, Issue 5



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



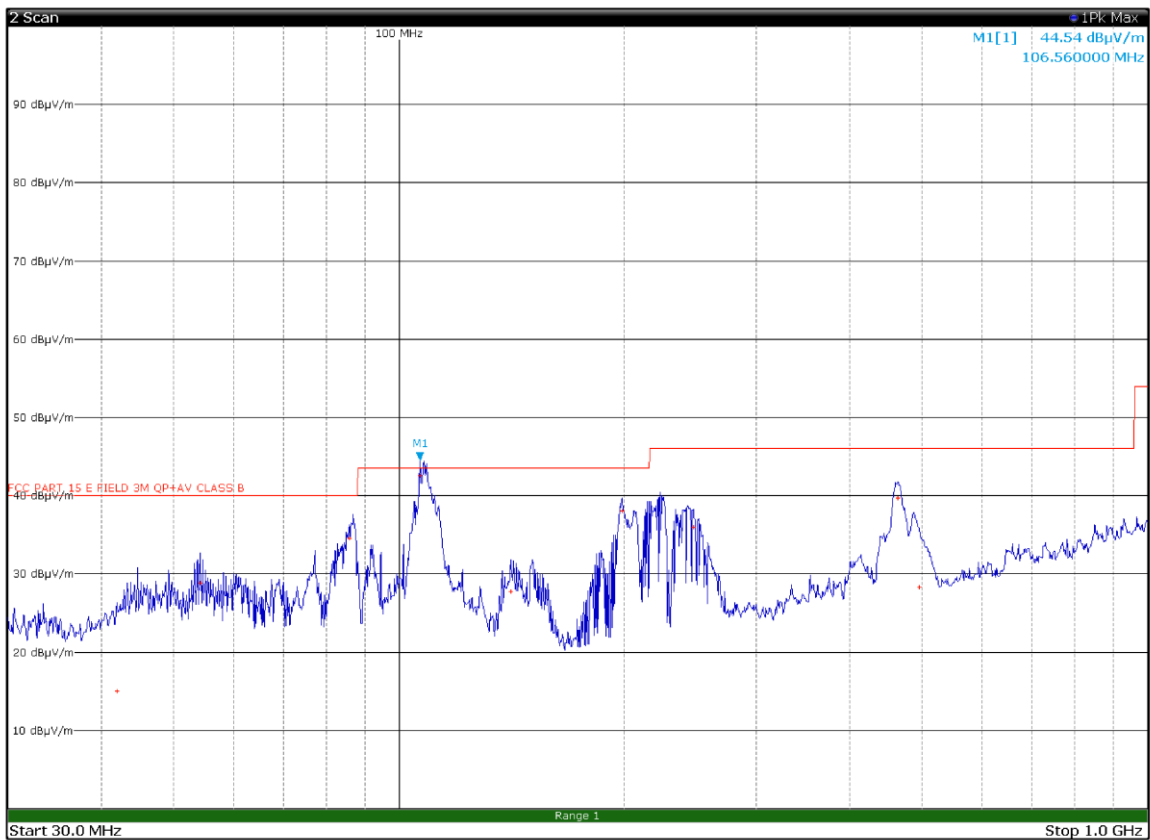
Radiated spurious emissions, LTE Tx at 782MHz, WIFI Tx at 5220MHz – antenna in vertical polarization –



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

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

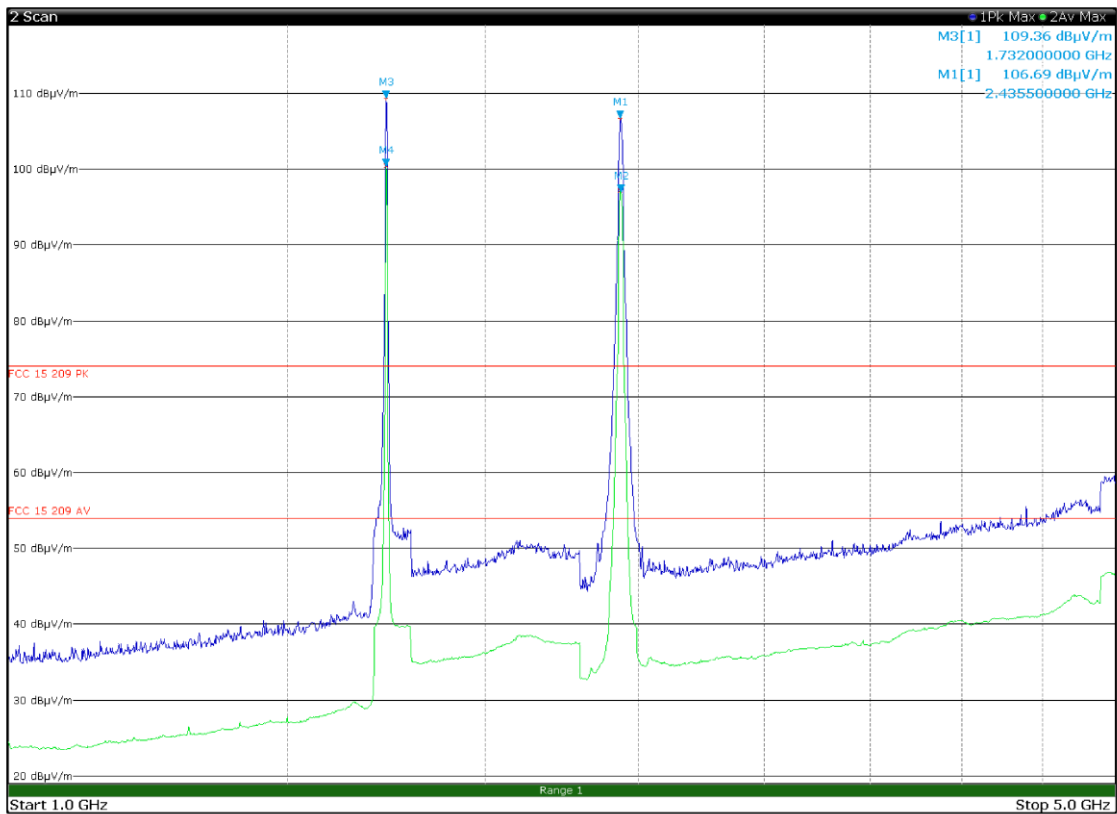
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
42.4200	14.6	40.0	-25.4	QP
47.1300	15.3	40.0	-24.7	QP
85.7700	21.7	40.0	-18.3	QP
111.5100	33.5	43.5	-10.0	QP
150.0000	29.4	43.5	-14.2	QP
205.8300	42.9	43.5	-0.6	QP
246.2100	36.4	46.0	-9.6	QP
460.5600	39.3	46.0	-6.7	QP
692.1000	20.6	46.0	-25.4	QP



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

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

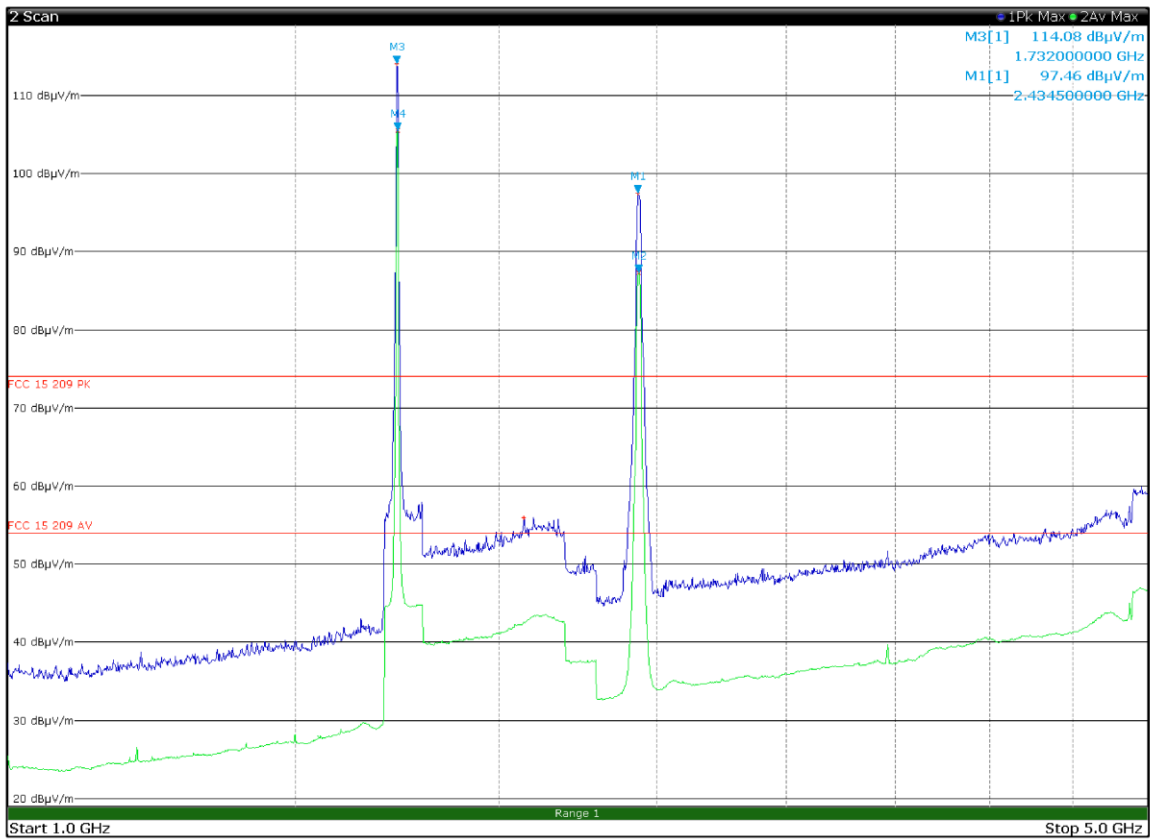
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
42.4500	18.3	40.0	-21.7	QP
54.2100	27.1	40.0	-13.0	QP
85.3500	33.1	40.0	-6.9	QP
106.5900	42.0	43.5	-1.5	QP
144.5400	27.5	43.5	-16.0	QP
198.4200	36.9	43.5	-6.6	QP
247.4100	34.6	46.0	-11.4	QP
464.3400	38.1	46.0	-7.9	QP
496.0200	31.2	46.0	-14.8	QP



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

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

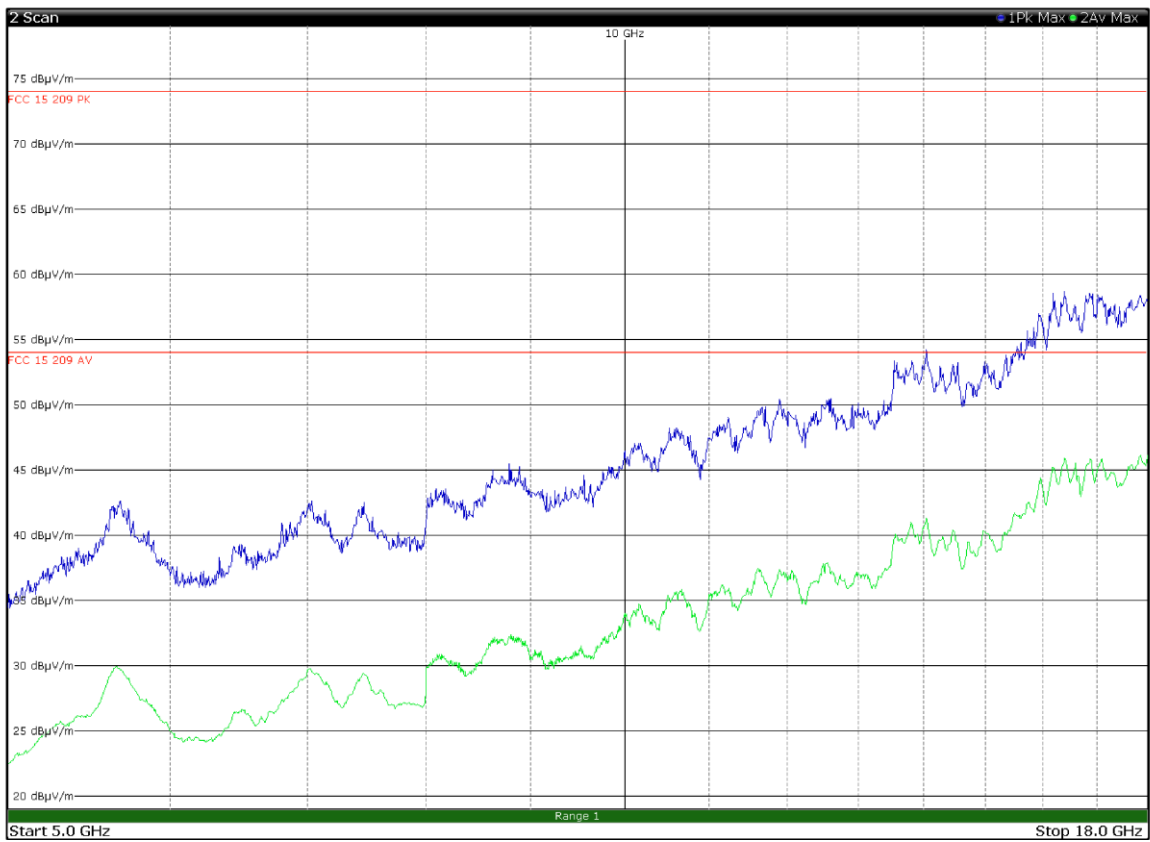
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437 MHz – antenna in vertical polarization –

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

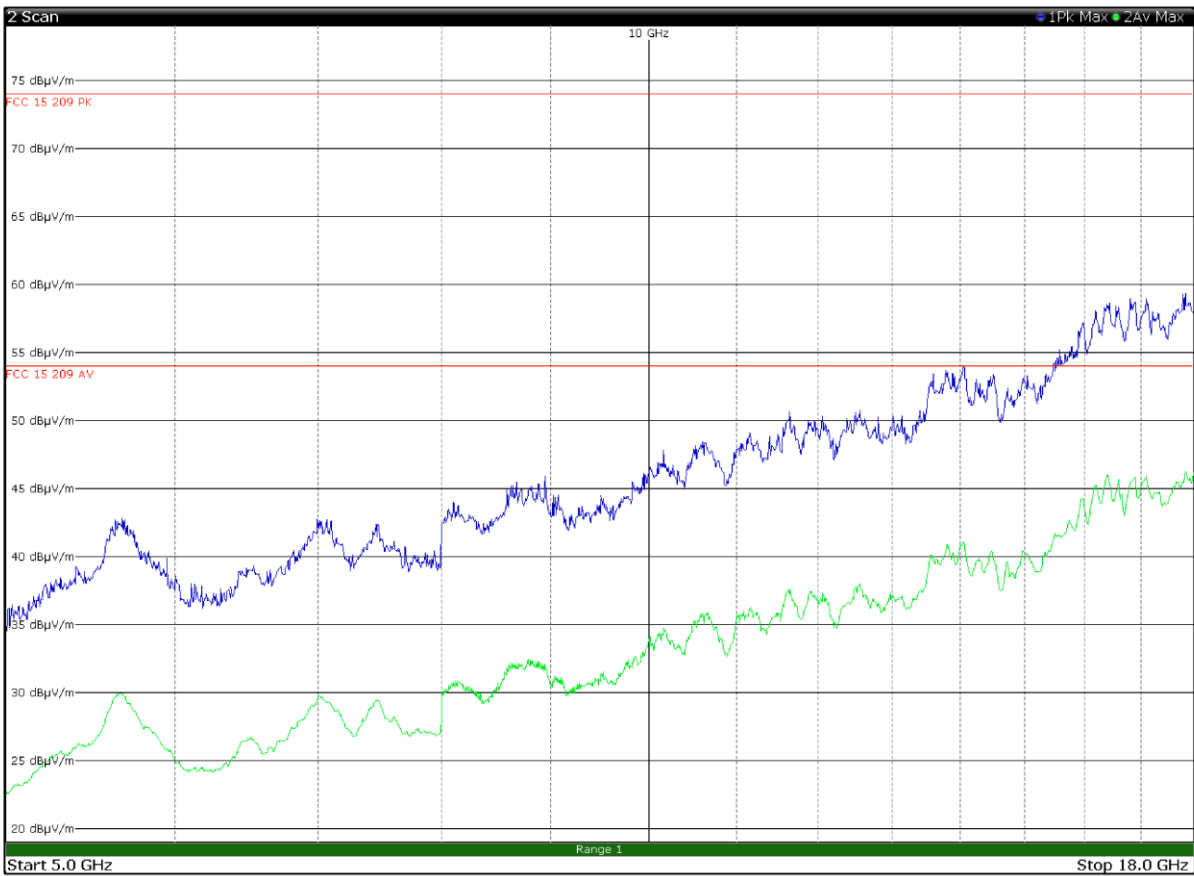
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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: Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437 MHz – antenna in horizontal polarization –

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

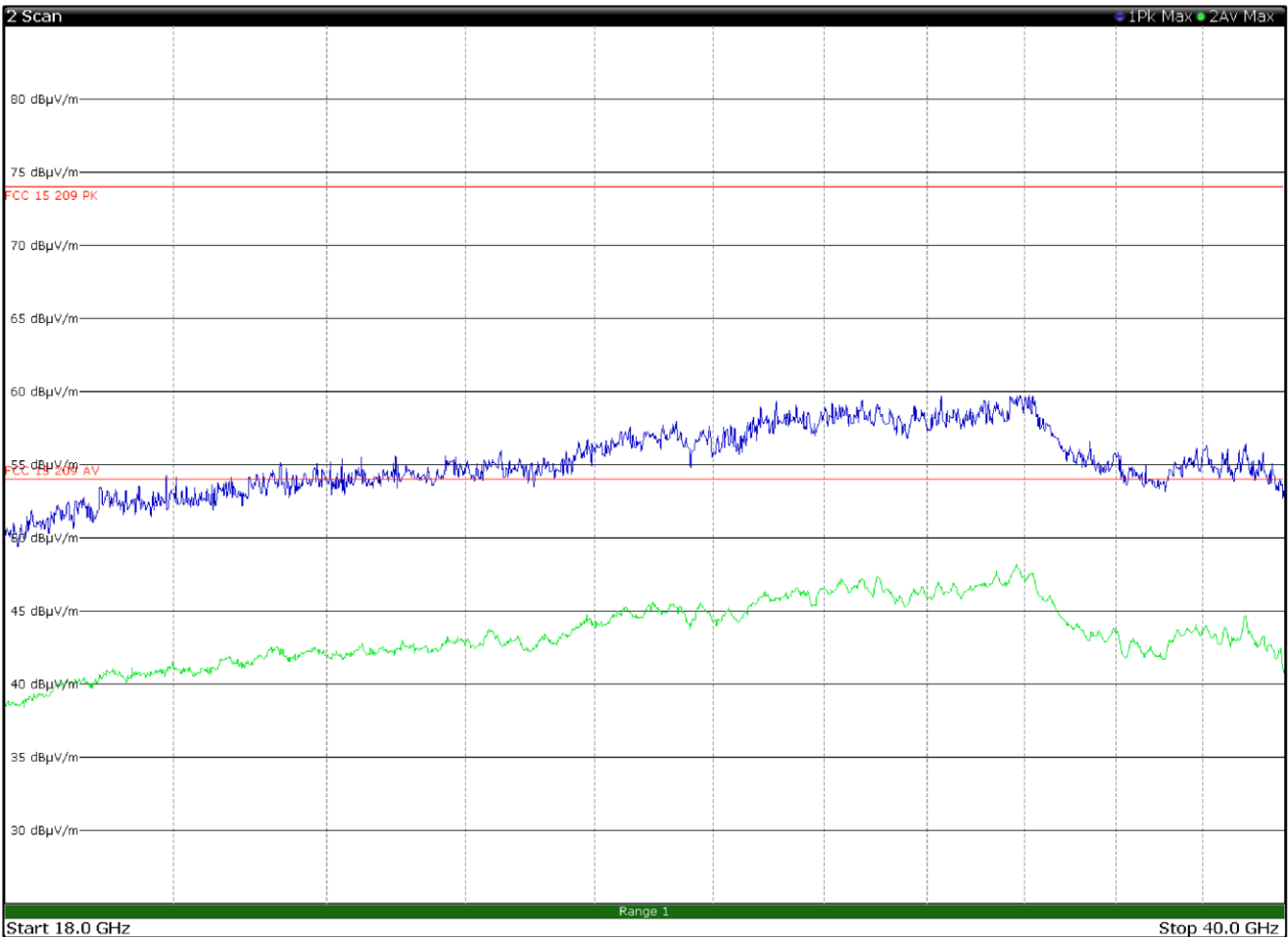
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
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: Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437 MHz – antenna in vertical polarization –

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

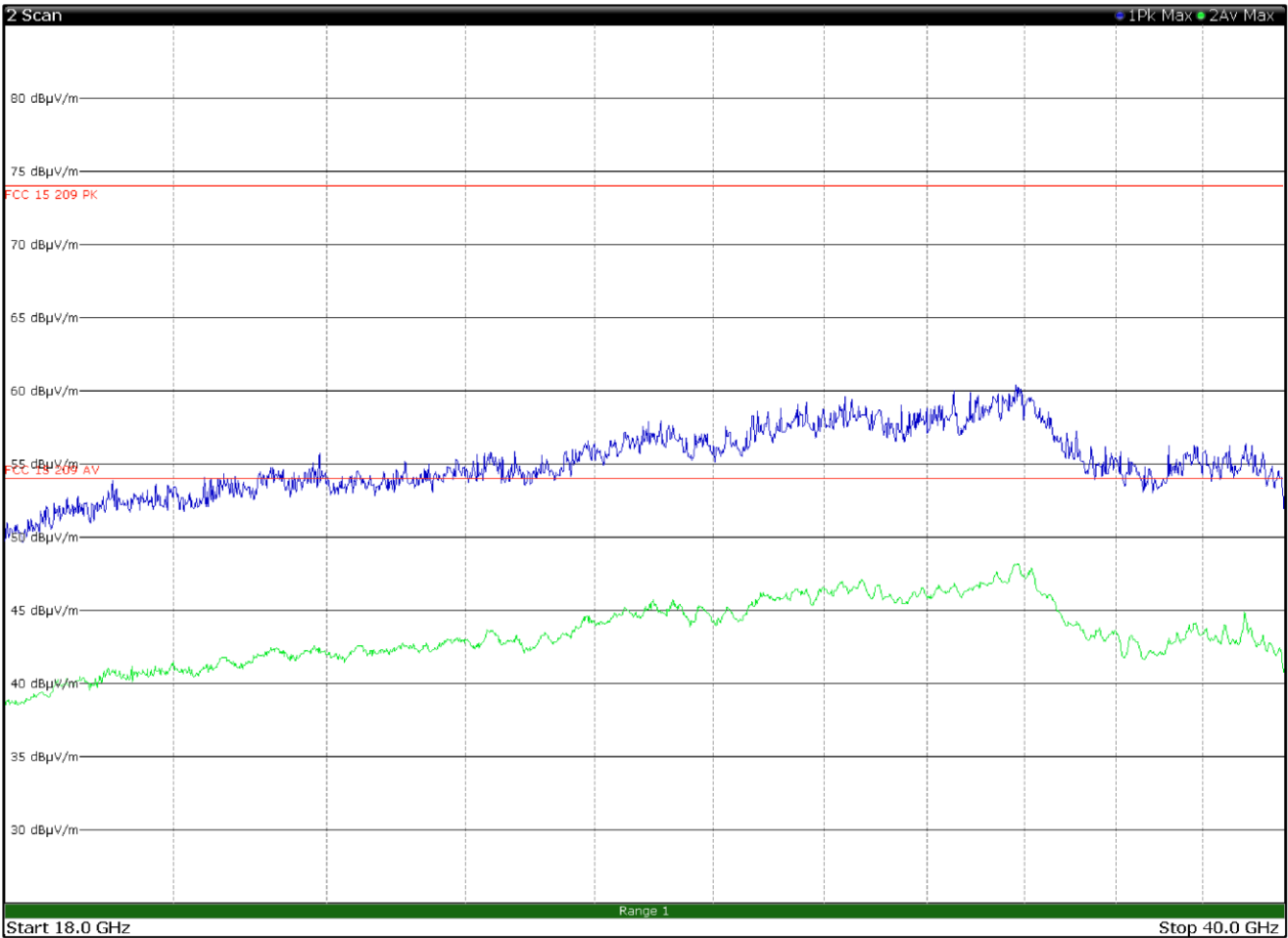
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
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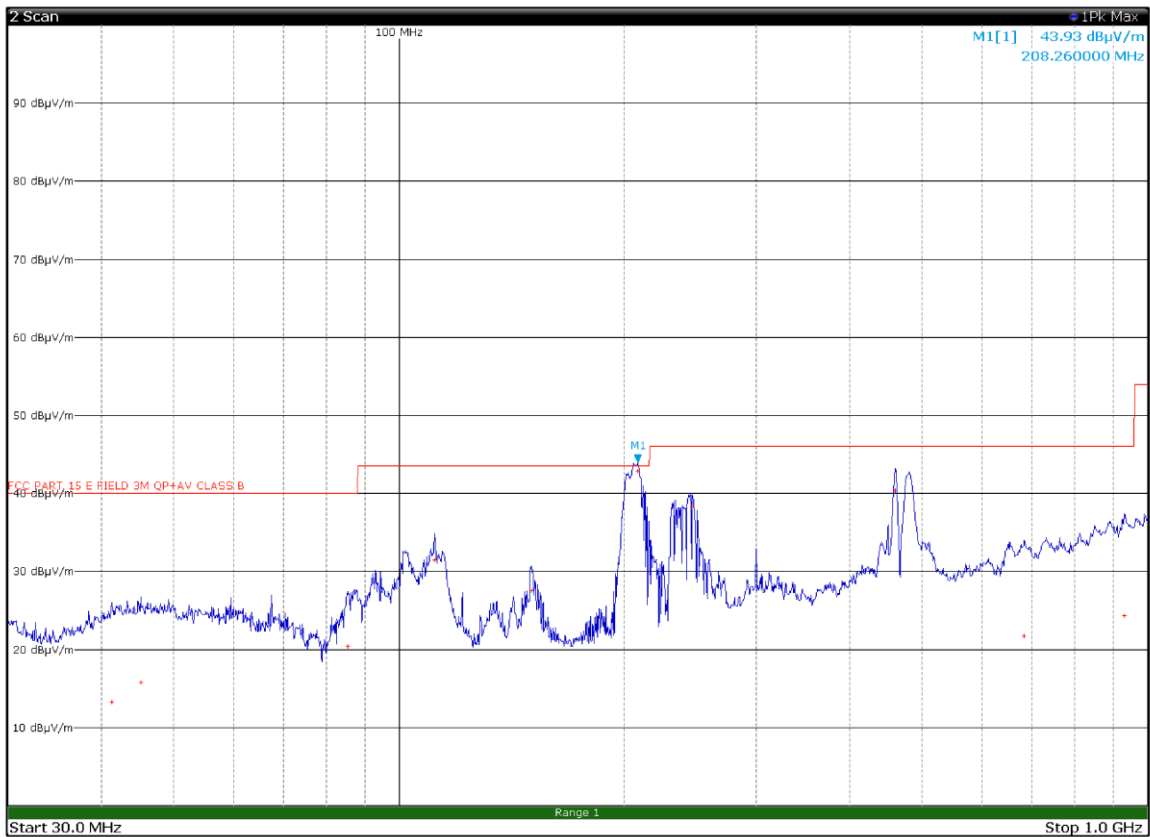
: Radiated spurious emissions, LTE Tx at 1732.5 MHz, WIFI Tx at 2437 MHz – antenna in horizontal polarization –

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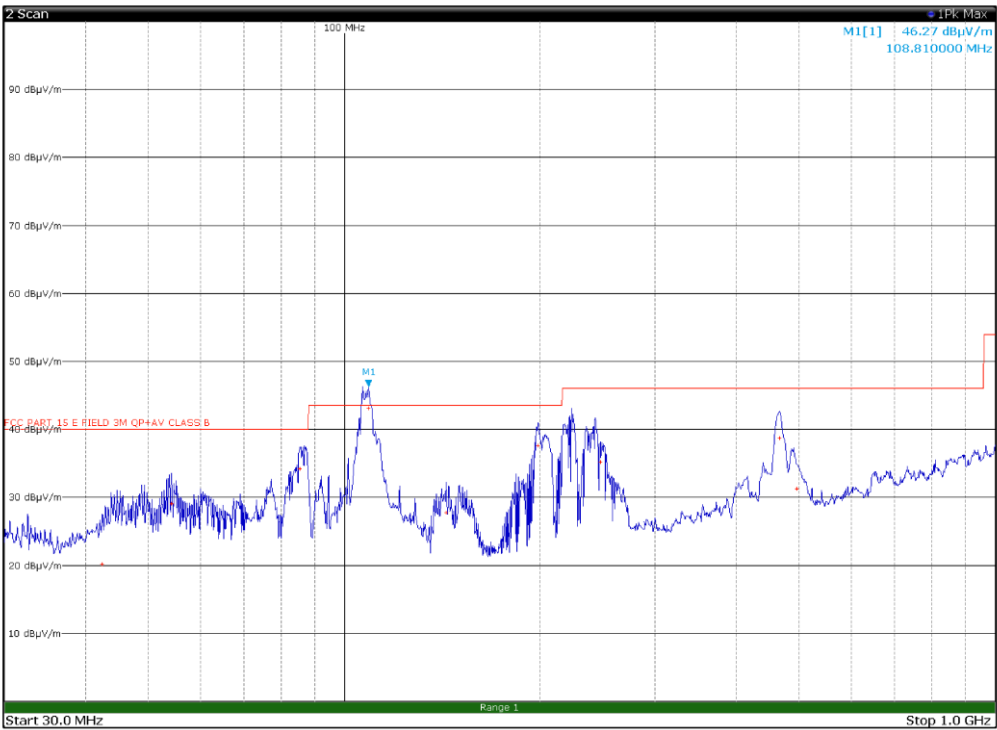
Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 2437.0MHz – antenna in vertical polarization –



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

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

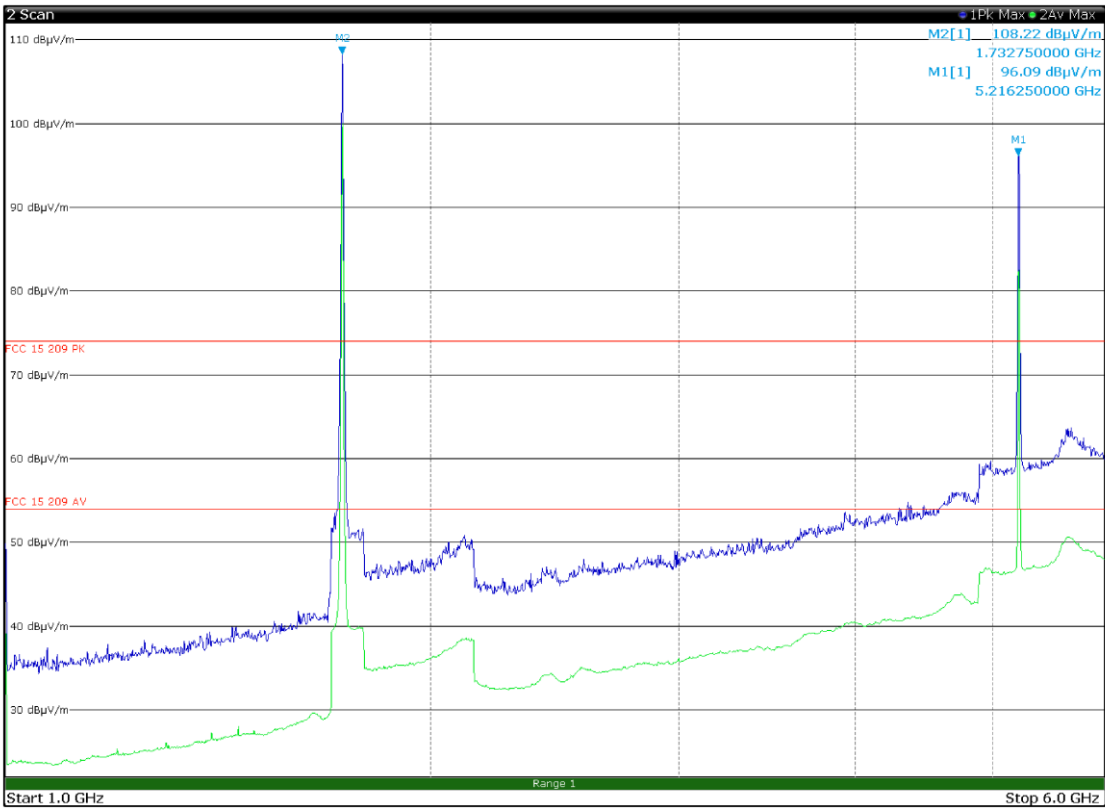
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
41.2800	13.3	40.0	-26.7	QP
45.1800	15.7	40.0	-24.3	QP
85.3200	20.4	40.0	-19.6	QP
111.5100	31.4	43.5	-12.1	QP
150.0000	27.6	43.5	-16.0	QP
208.2600	42.8	43.5	-0.7	QP
246.2400	38.2	46.0	-7.8	QP
460.6500	40.4	46.0	-5.6	QP
684.6000	21.7	46.0	-24.3	QP
932.0700	24.4	46.0	-21.6	QP



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

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

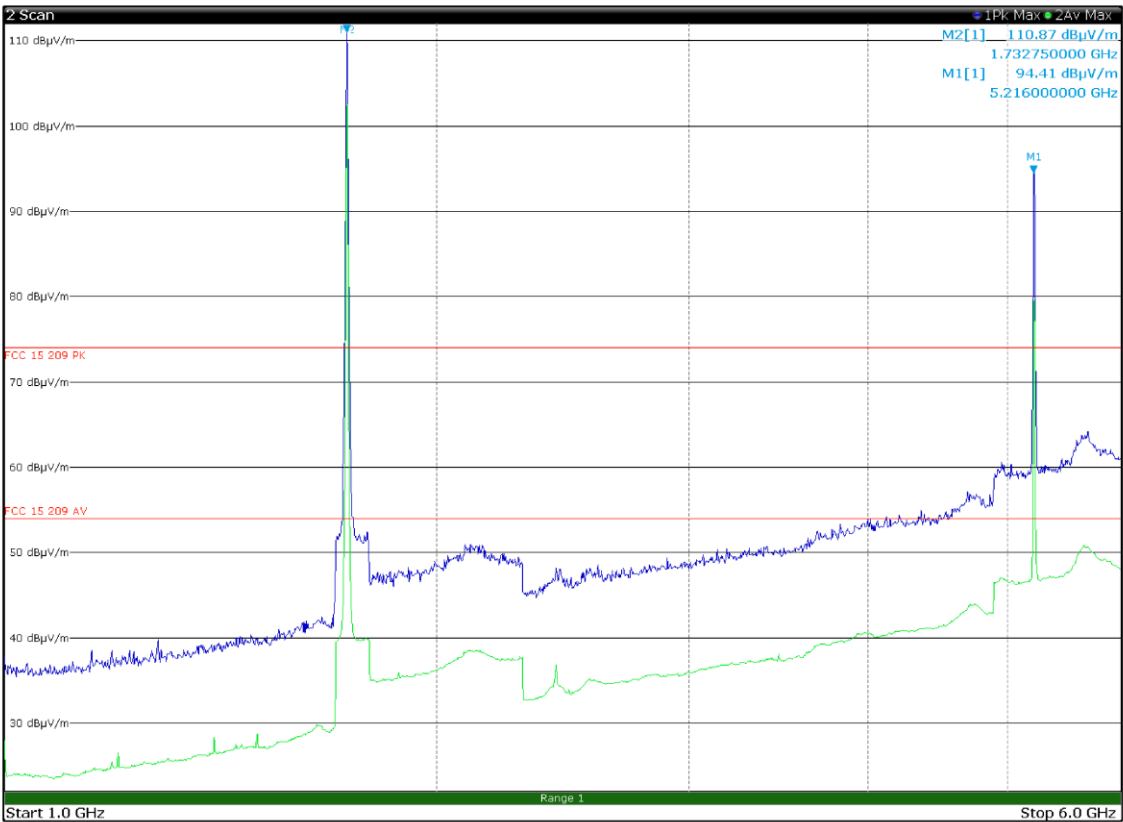
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
42.4500	20.1	40.0	-19.9	QP
54.1800	29.0	40.0	-11.0	QP
85.3500	34.2	40.0	-5.8	QP
108.8100	43.1	43.5	-0.4	QP
143.2500	27.7	43.5	-15.8	QP
198.4200	37.7	43.5	-5.8	QP
247.4100	35.2	46.0	-10.8	QP
466.6200	38.7	46.0	-7.3	QP
496.0500	31.3	46.0	-14.7	QP



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

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

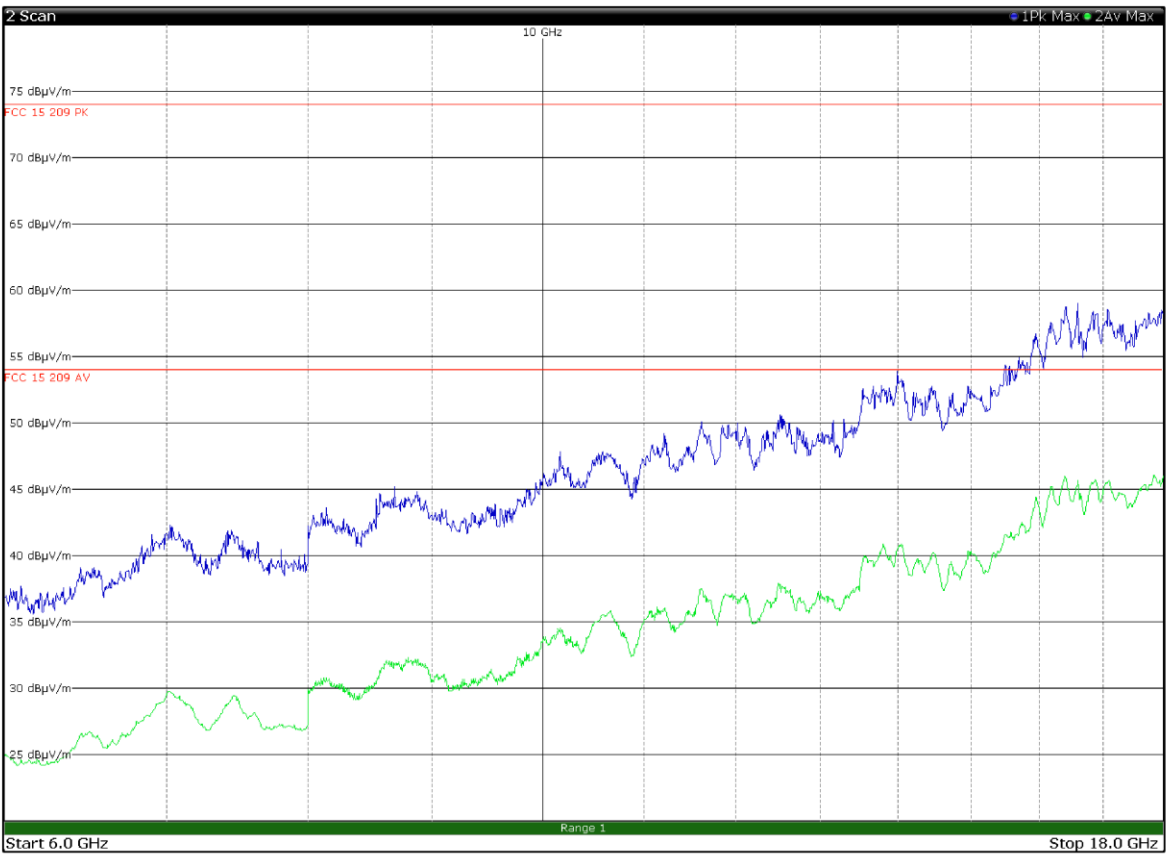
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
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: Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 5220MHz – antenna in vertical polarization –

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

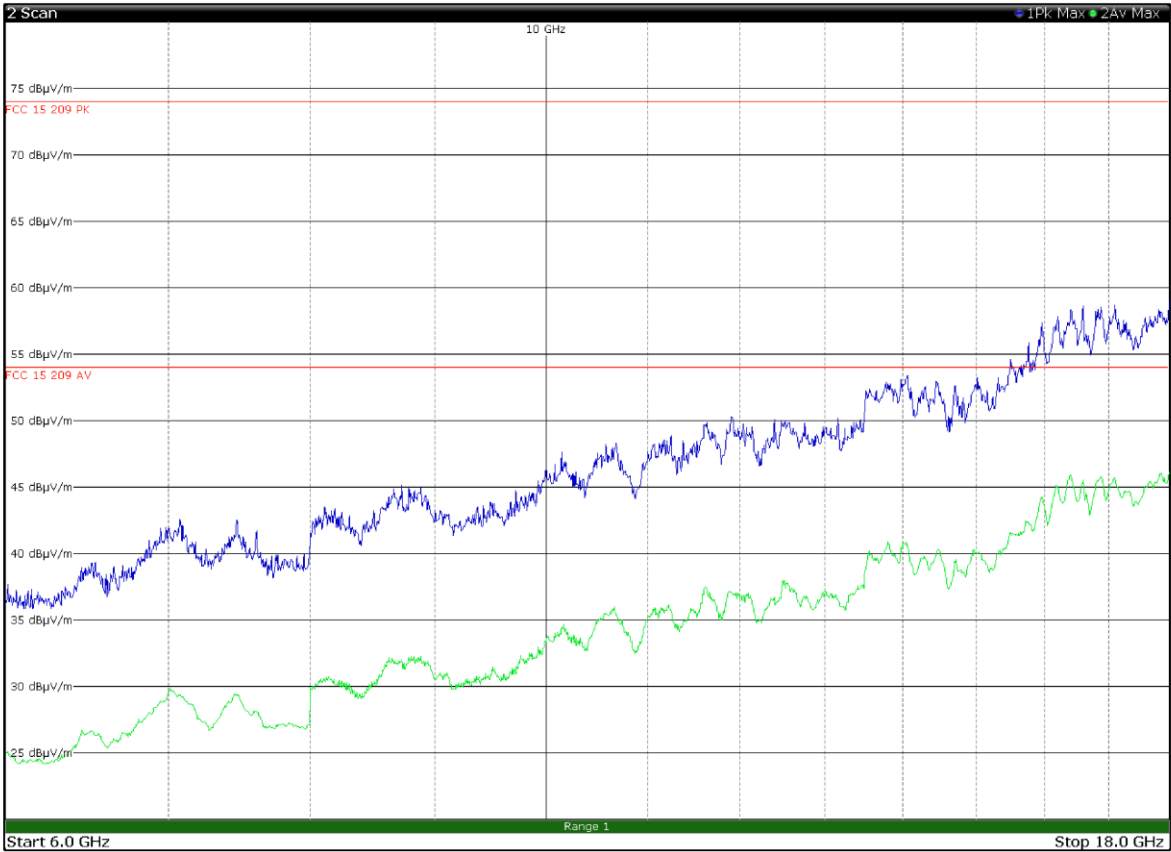
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
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Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 5220MHz – antenna in horizontal polarization –

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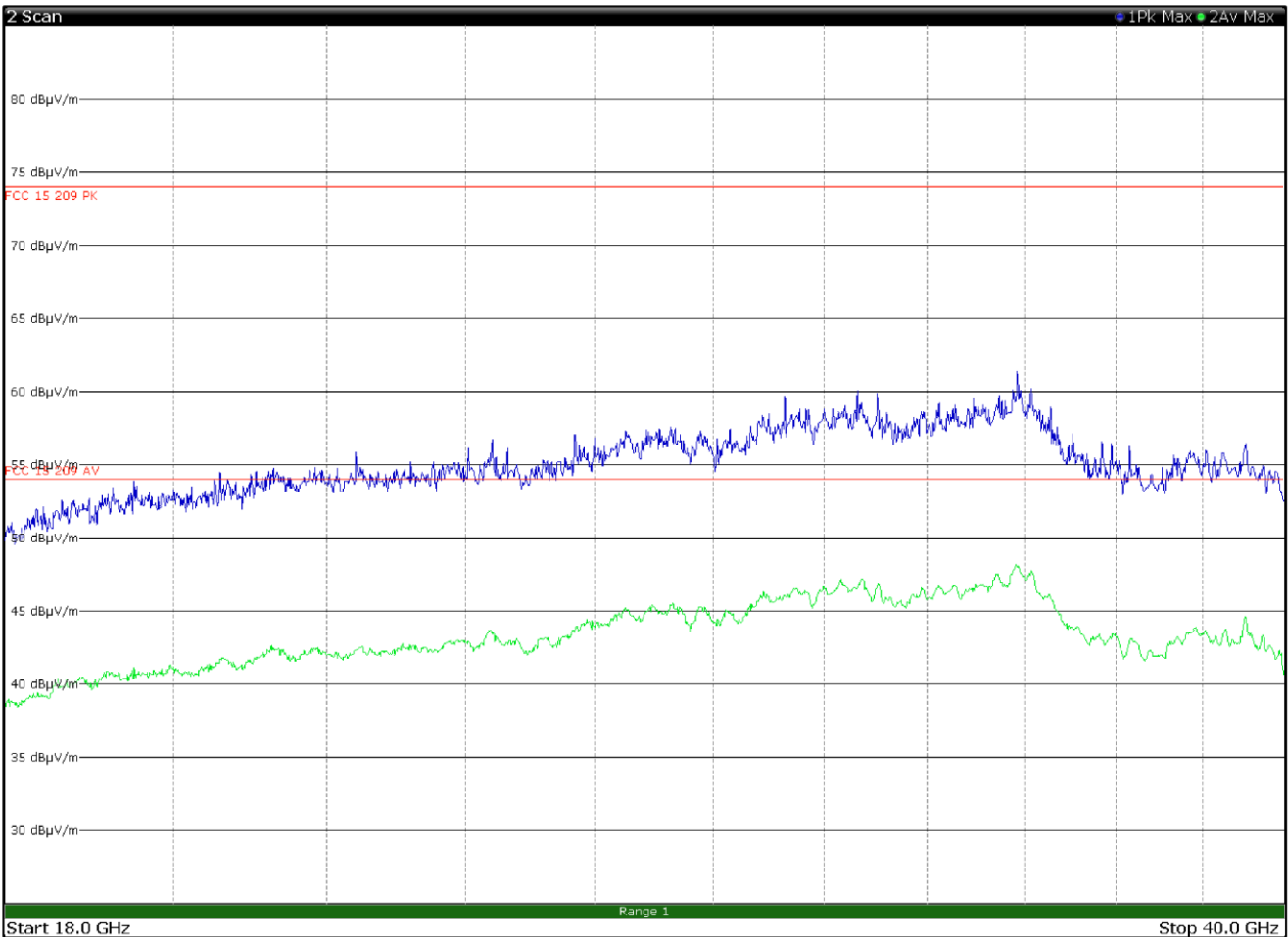
: Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 5220MHz – antenna in vertical polarization –

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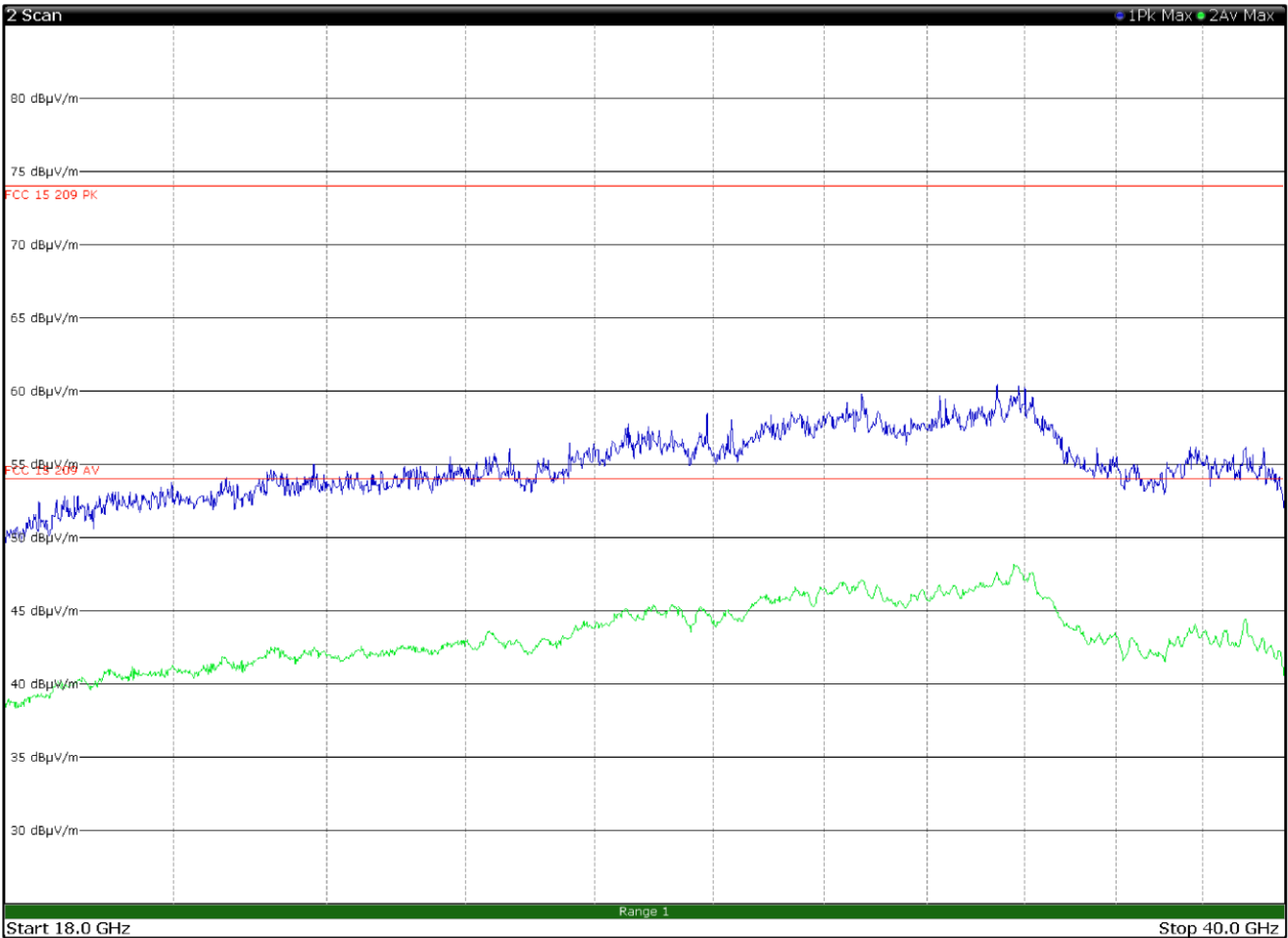
Testing data
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: Radiated spurious emissions, LTE Tx at 1732.5 MHz, WIFI Tx at 5220 MHz – antenna in horizontal polarization –

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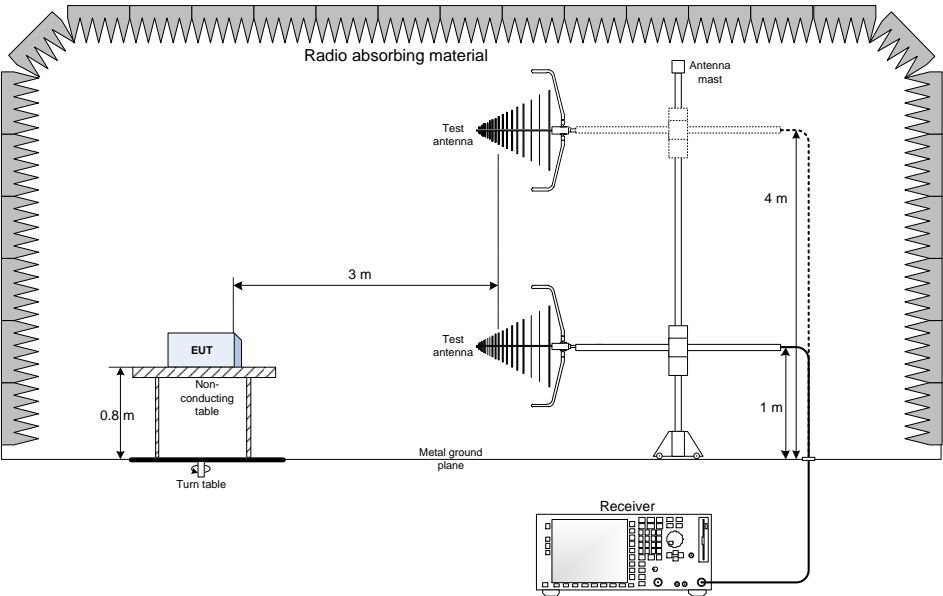
Testing data
FCC 15.209 and RSS-GEN section 8.9 Radiated emission limits; general requirements
FCC Part 15 Subpart C and RSS-GEN, Issue 5



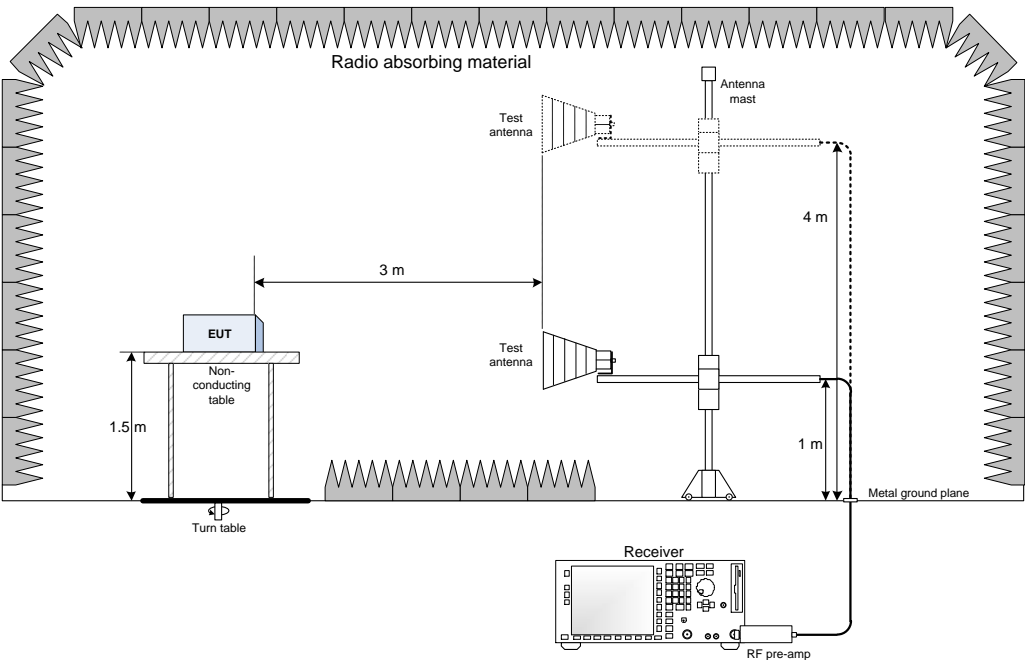
Radiated spurious emissions, LTE Tx at 1732.5MHz, WIFI Tx at 52200MHz – antenna in vertical polarization –

Section 9. Block diagrams of test set-ups

9.1 Radiated emissions set-up for frequencies below 1 GHz

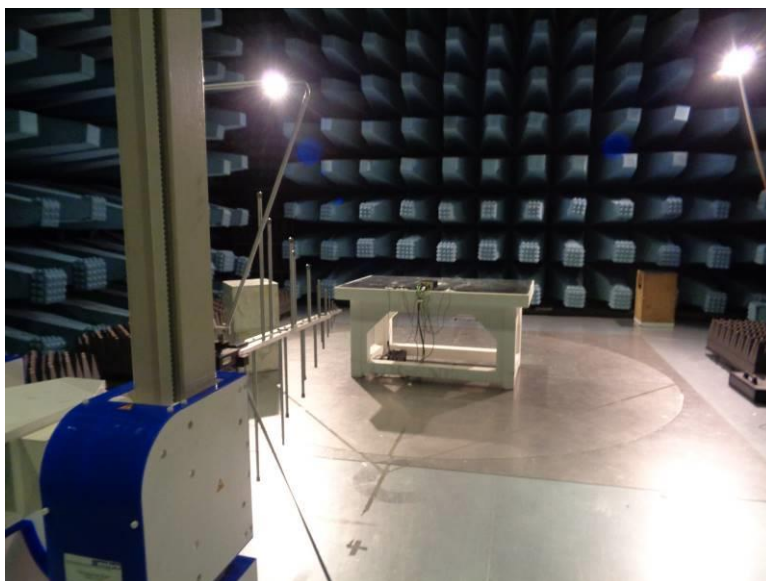


9.2 Radiated emissions set-up for frequencies above 1 GHz



Section 10. Photos

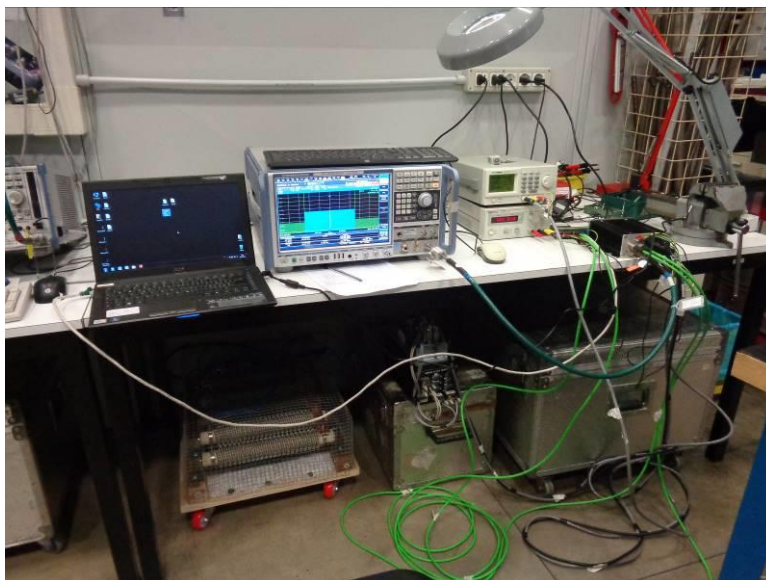
10.1 Photos of the test set-up



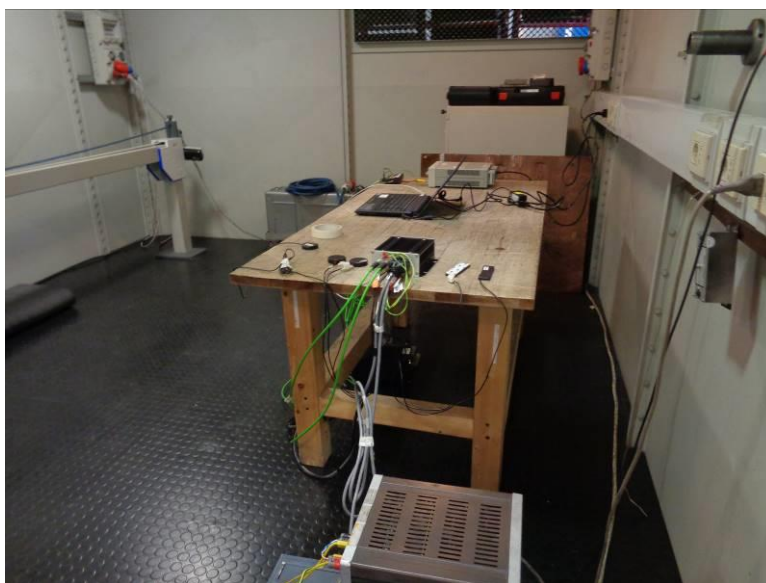
Radiated emission below 1 GHz



Radiated emission above 1 GHz



Conducted emission on the antenna port



Conducted emission on the AC Mains

10.2 Photos of the EUT







(End of report)