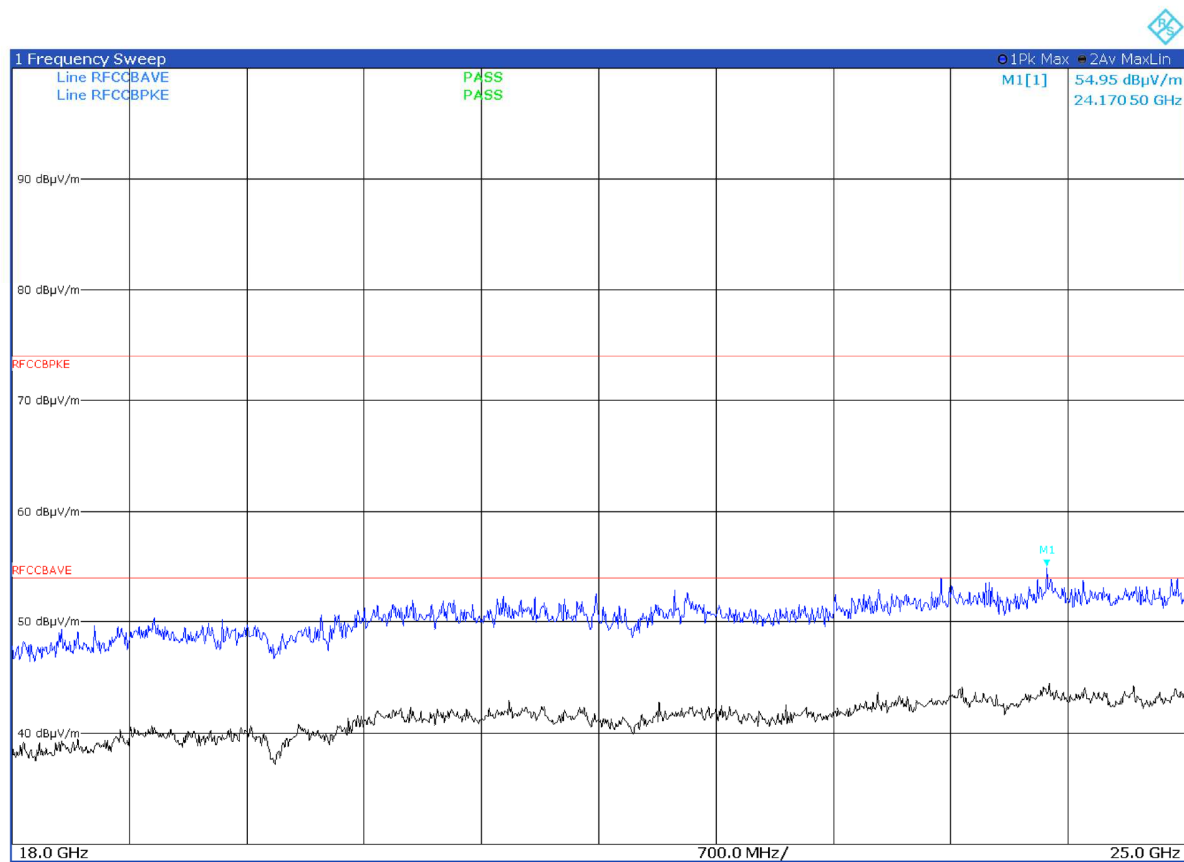


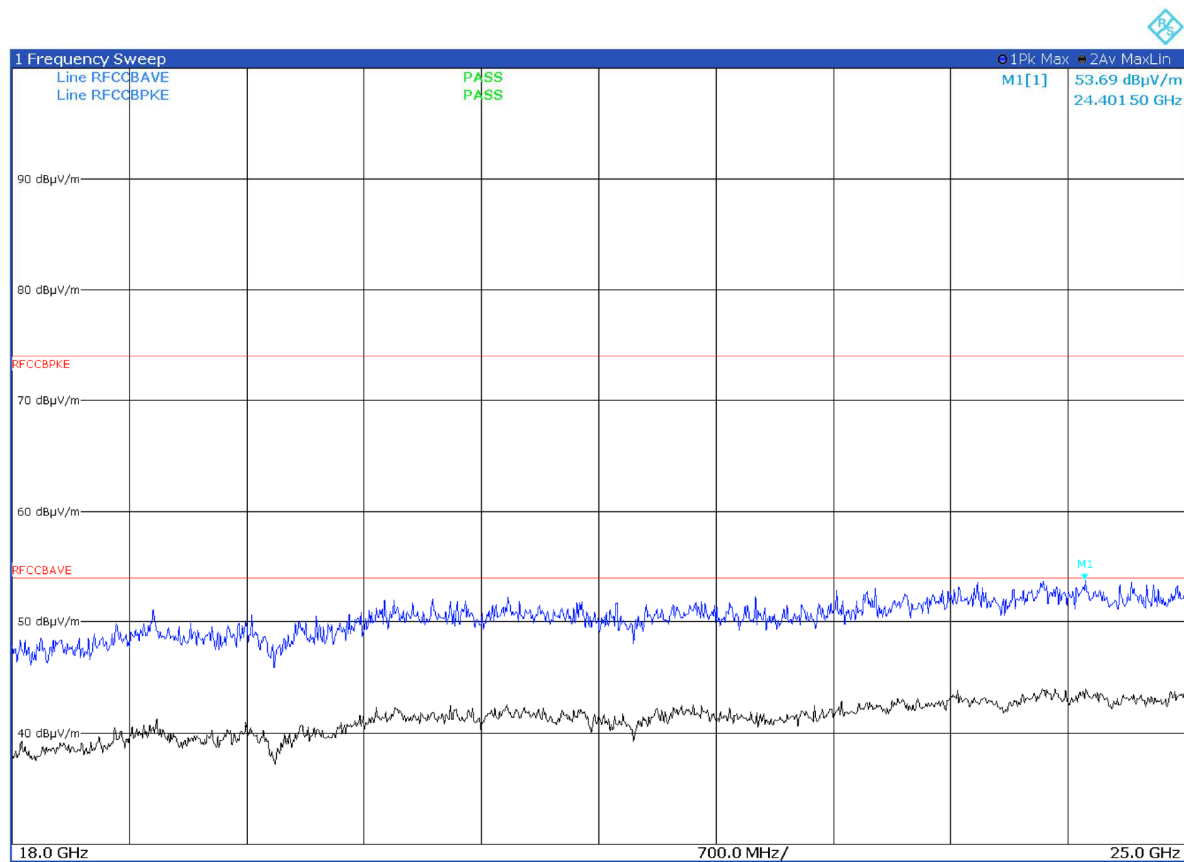
Peak level under the average limit – no additional measures need

Figure 8.6-30: Radiated spurious emissions on low channel with antenna in vertical polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

Figure 8.6-31: Radiated spurious emissions on low channel with antenna in horizontal polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

Figure 8.6-32: Radiated spurious emissions on low channel with antenna in vertical polarization – EUT in vertical position

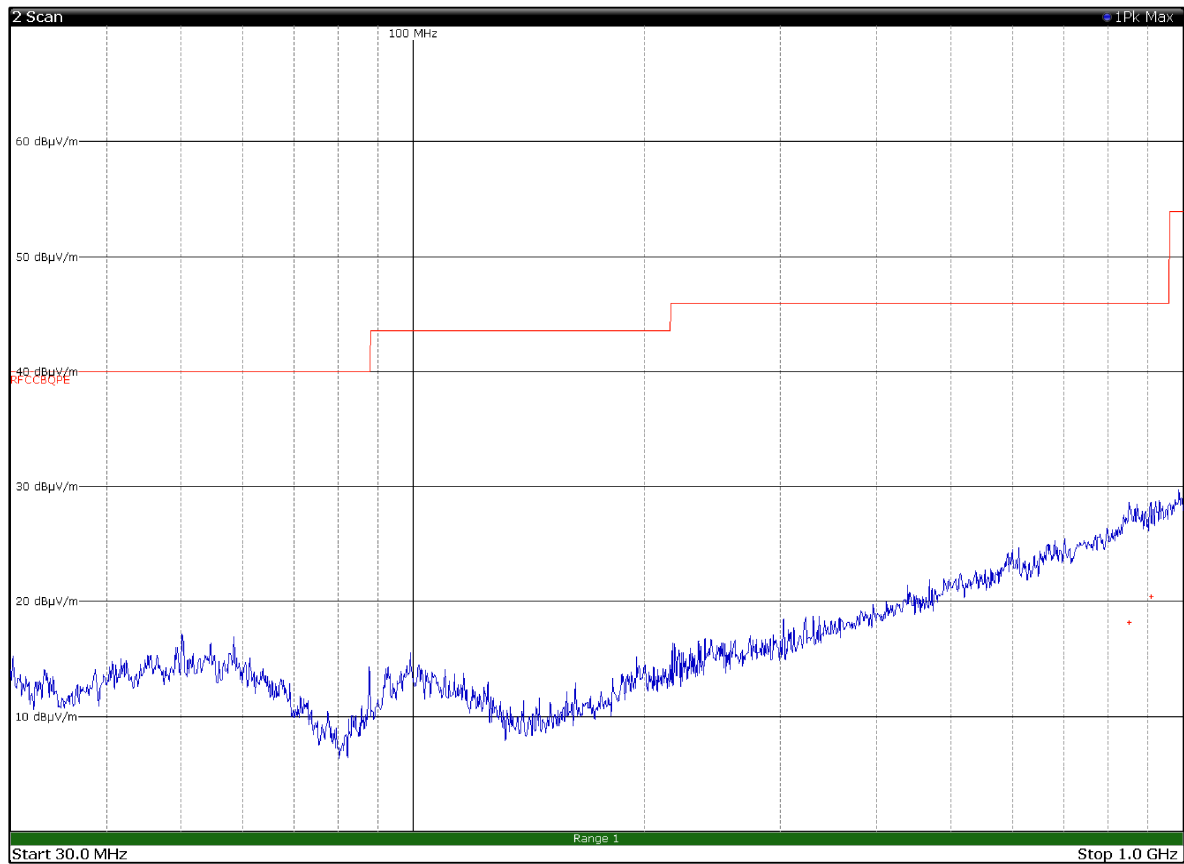


Figure 8.6-33: Radiated spurious emissions on mid channel with antenna in horizontal polarization – EUT in vertical position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
850.6500	18.2	46.0	-27.8	QP
908.1600	20.5	46.0	-25.5	QP

Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

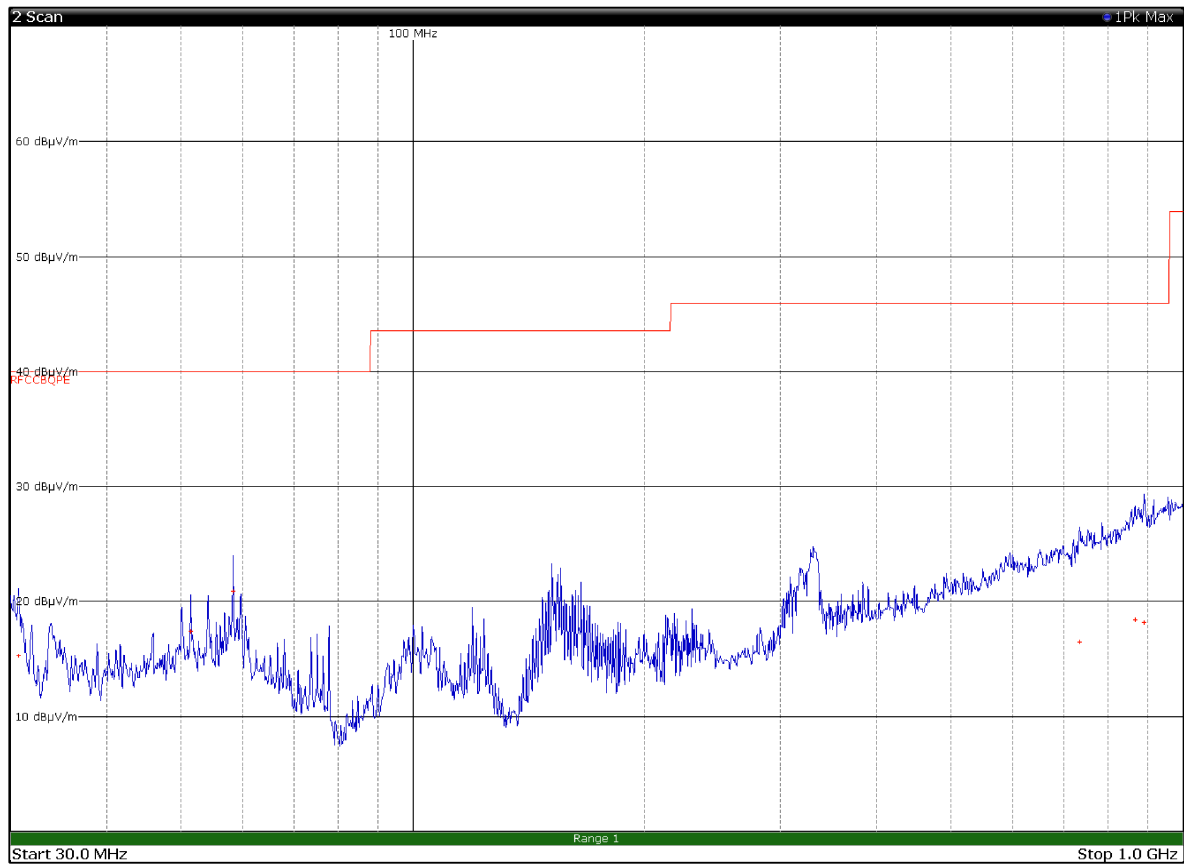
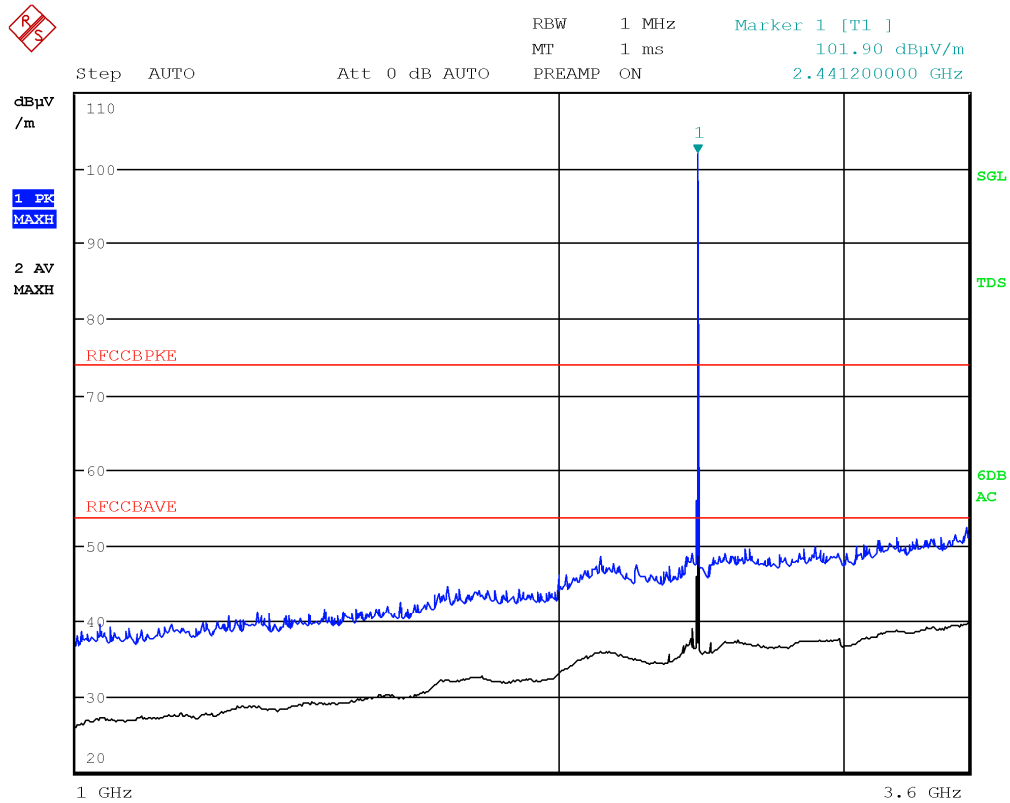


Figure 8.6-34: Radiated spurious emissions on mid channel with antenna in vertical polarization – EUT in vertical position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
30.7200	15.3	40.0	-24.7	QP
51.3900	17.5	40.0	-22.5	QP
58.3500	20.9	40.0	-19.1	QP
734.4300	16.5	46.0	-29.5	QP
866.4900	18.5	46.0	-27.5	QP
890.4000	18.2	46.0	-27.8	QP

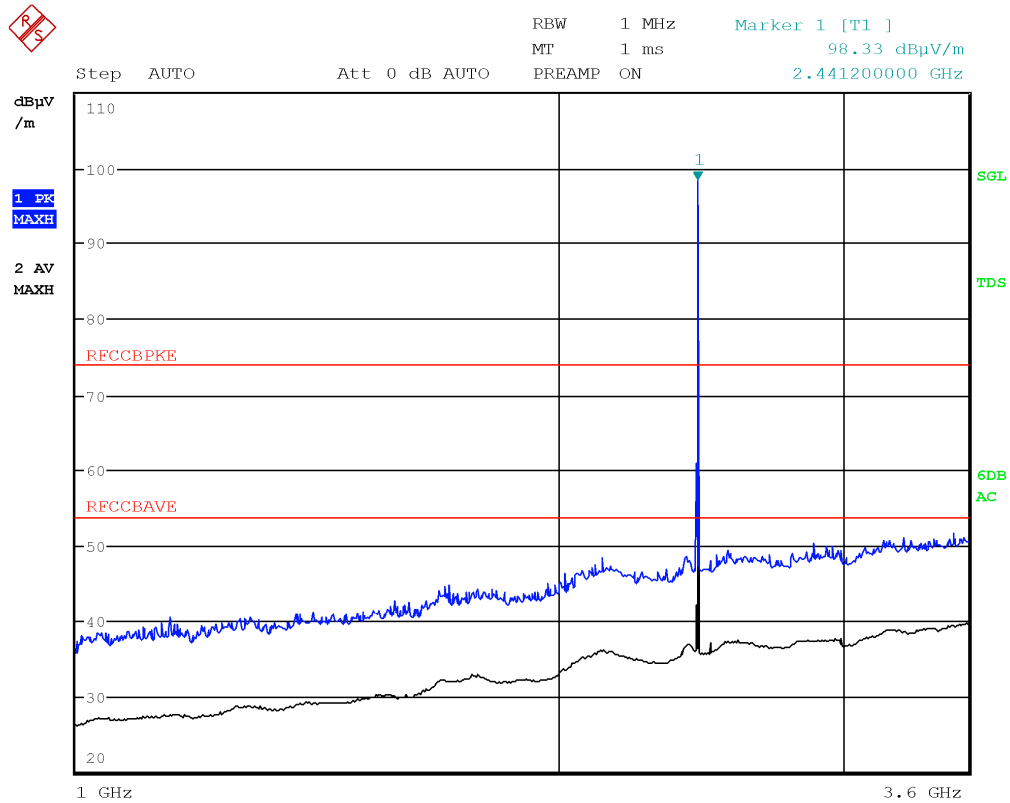
Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.



Peak level under the average limit – no additional measures need

Limit exceeded by the carrier

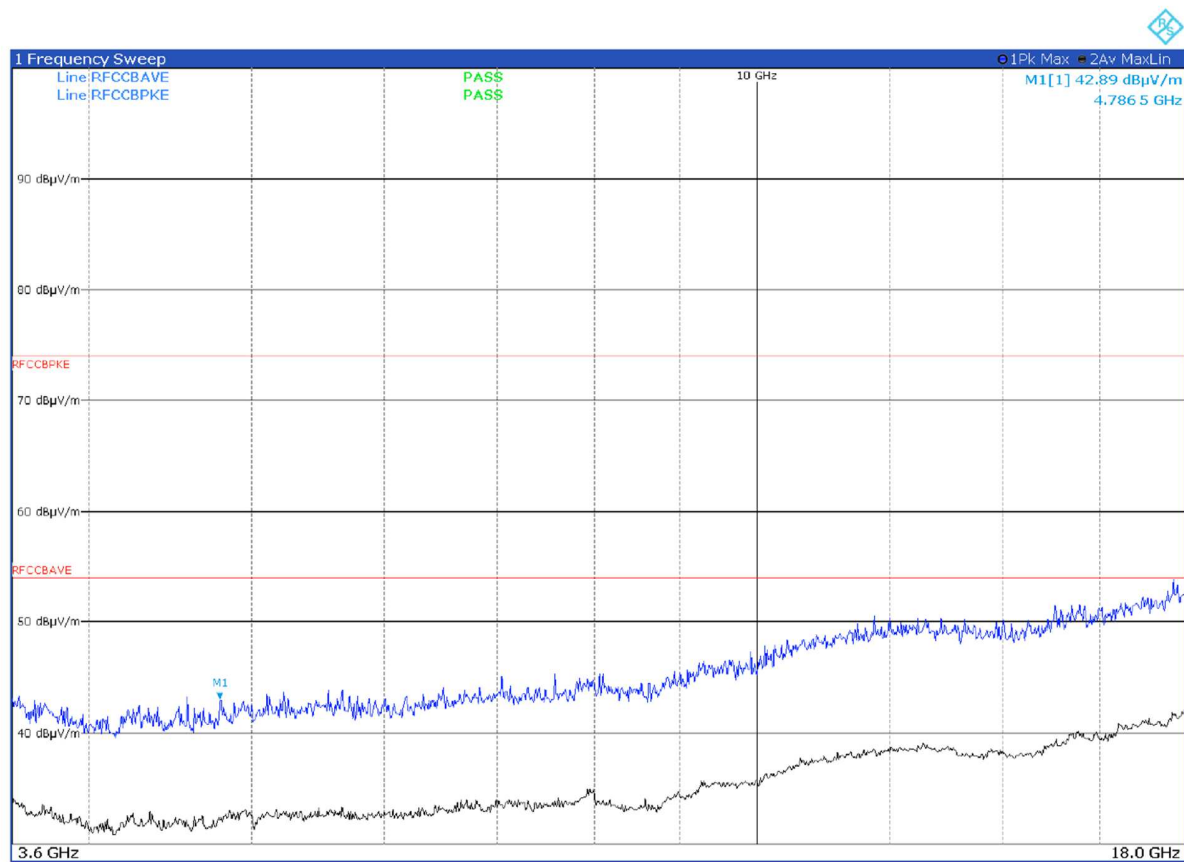
Figure 8.6-35: Radiated spurious emissions on mid channel with antenna in horizontal polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

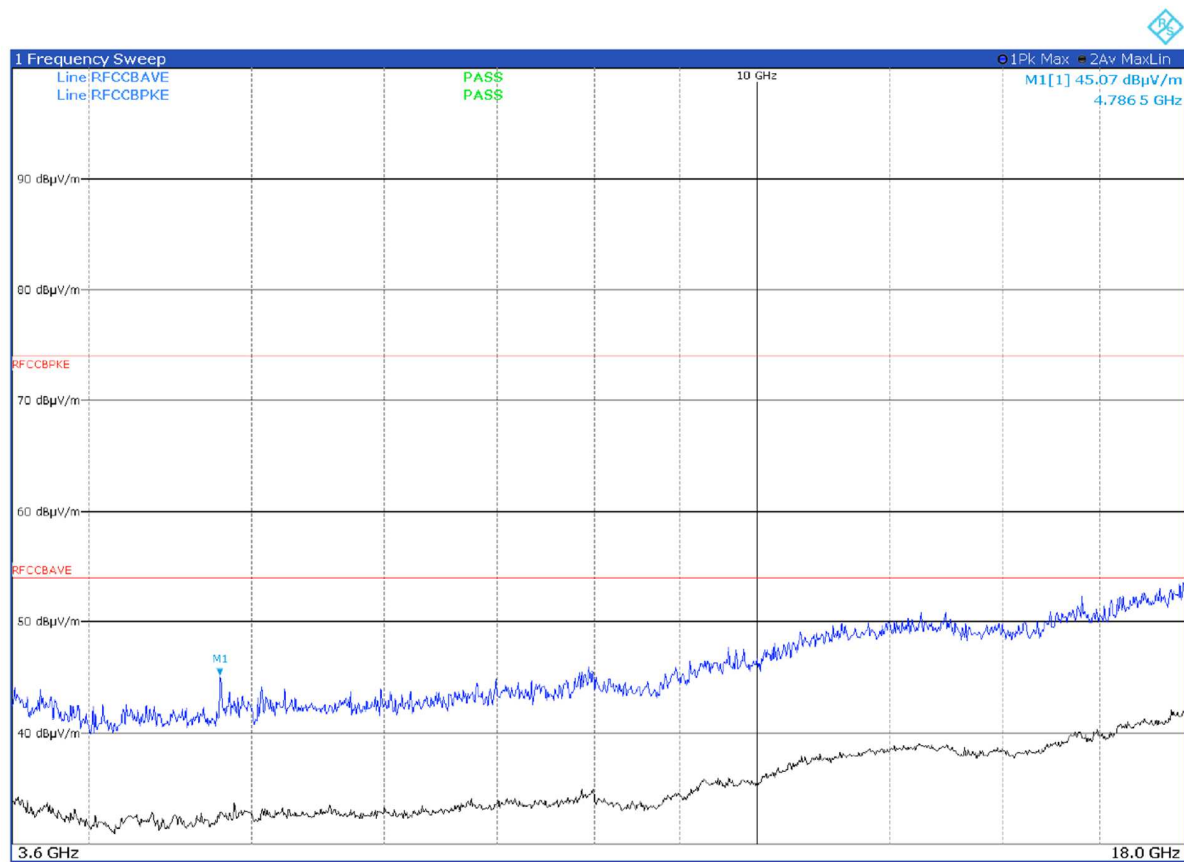
Limit exceeded by the carrier

Figure 8.6-36: Radiated spurious emissions on mid channel with antenna in vertical polarization – EUT in vertical position



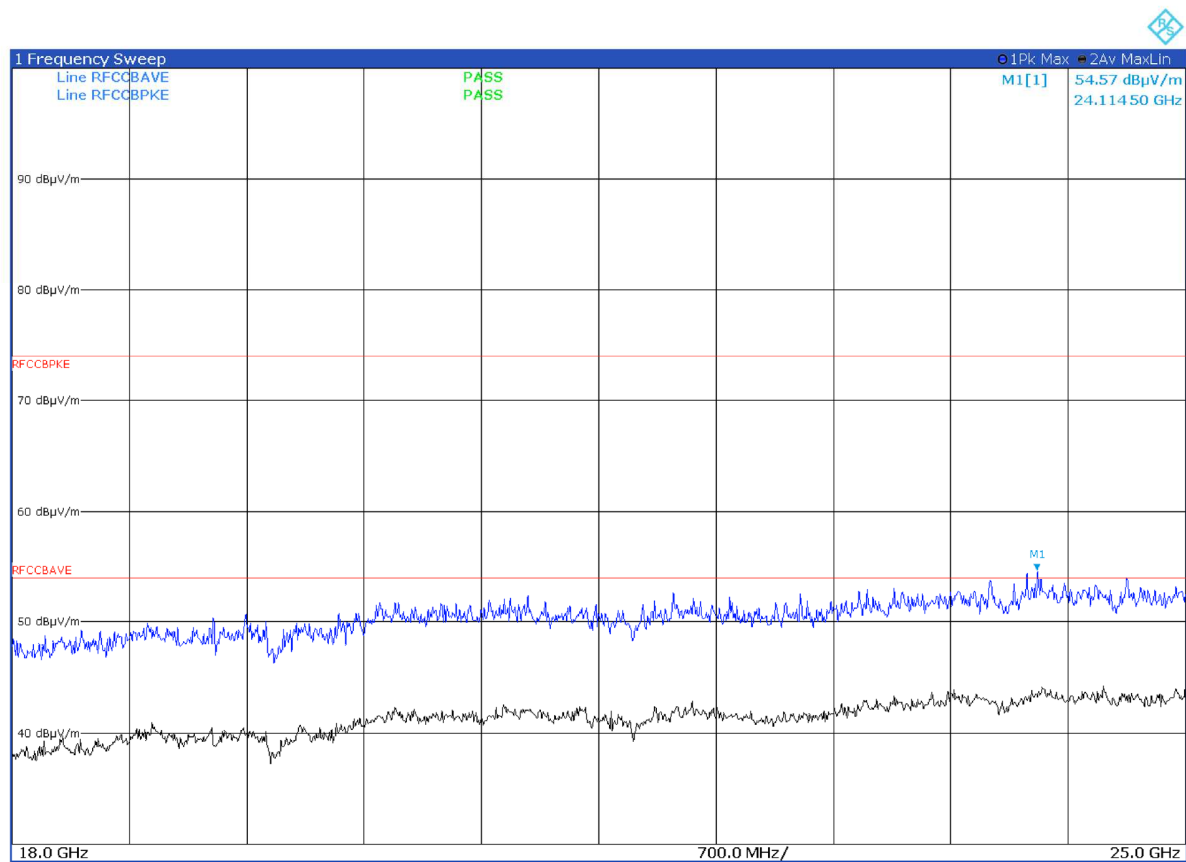
Peak level under the average limit – no additional measures need

Figure 8.6-37: Radiated spurious emissions on mid channel with antenna in horizontal polarization – EUT in vertical position



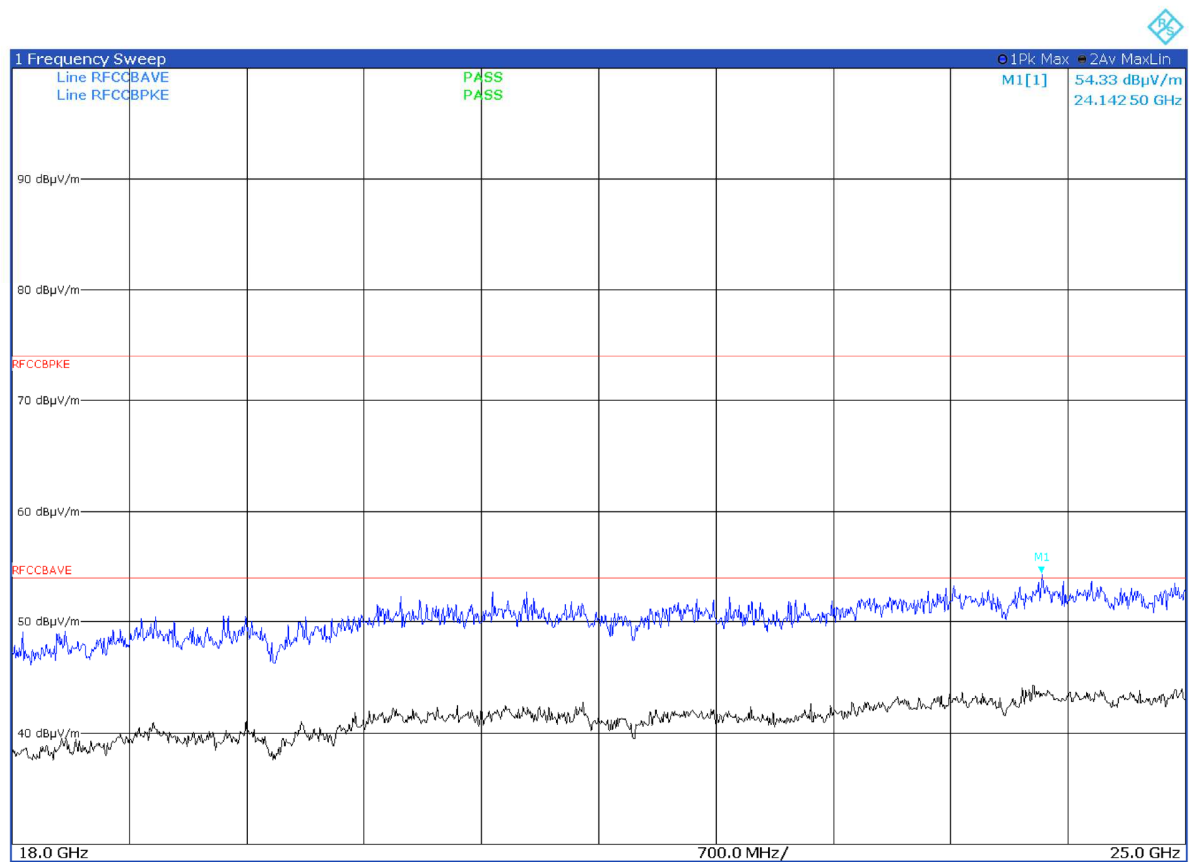
Peak level under the average limit – no additional measures need

Figure 8.6-38: Radiated spurious emissions on mid channel with antenna in vertical polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

Figure 8.6-39: Radiated spurious emissions on mid channel with antenna in horizontal polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

Figure 8.6-40: Radiated spurious emissions on mid channel with antenna in vertical polarization – EUT in vertical position

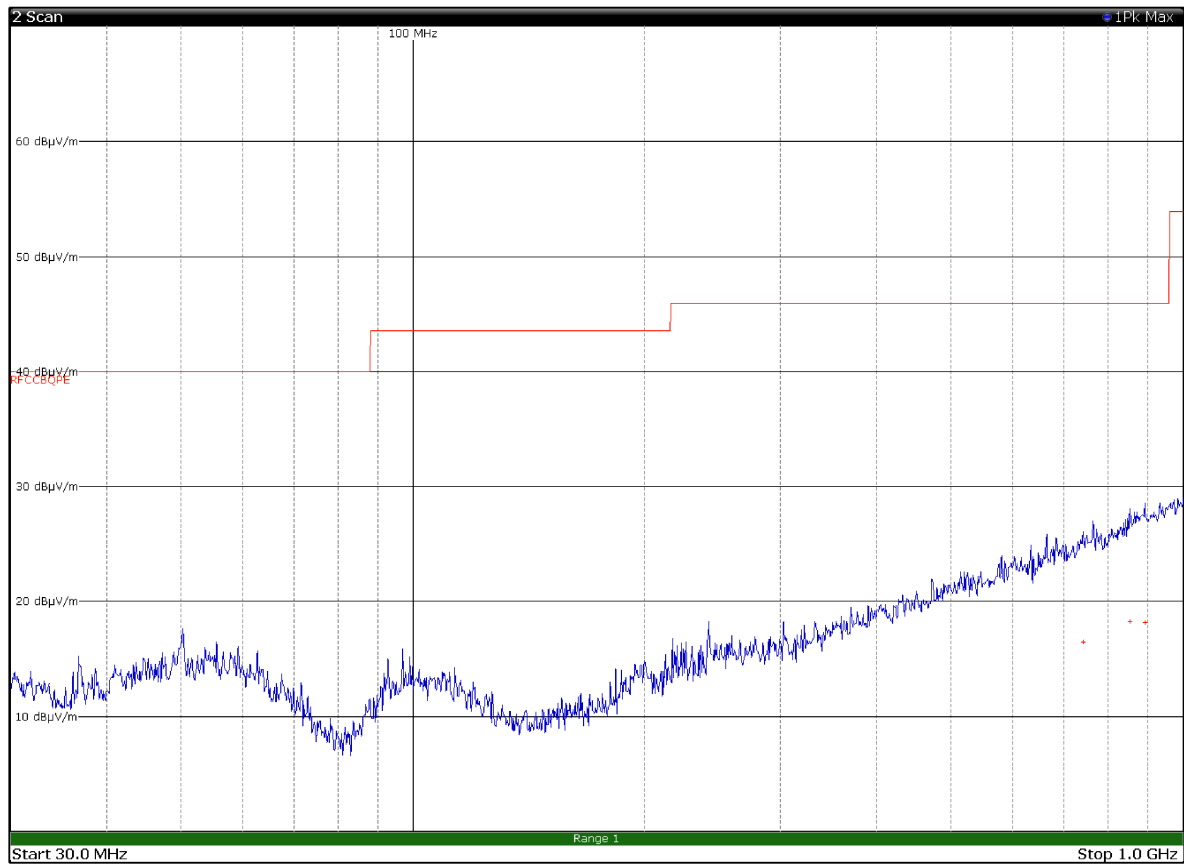


Figure 8.6-41: Radiated spurious emissions on high channel with antenna in horizontal polarization – EUT in vertical position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
741.6300	16.5	46.0	-29.5	QP
853.1100	18.3	46.0	-27.7	QP
892.2000	18.2	46.0	-27.8	QP

Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

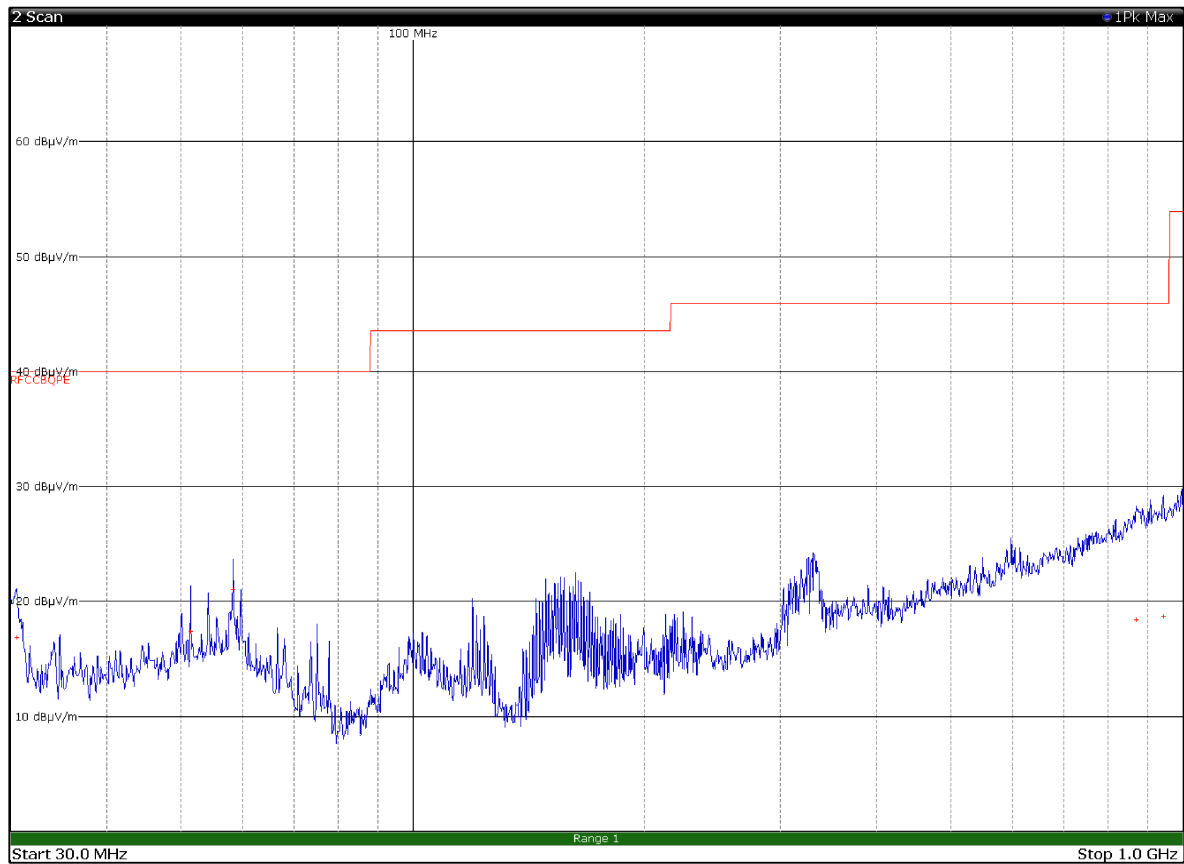
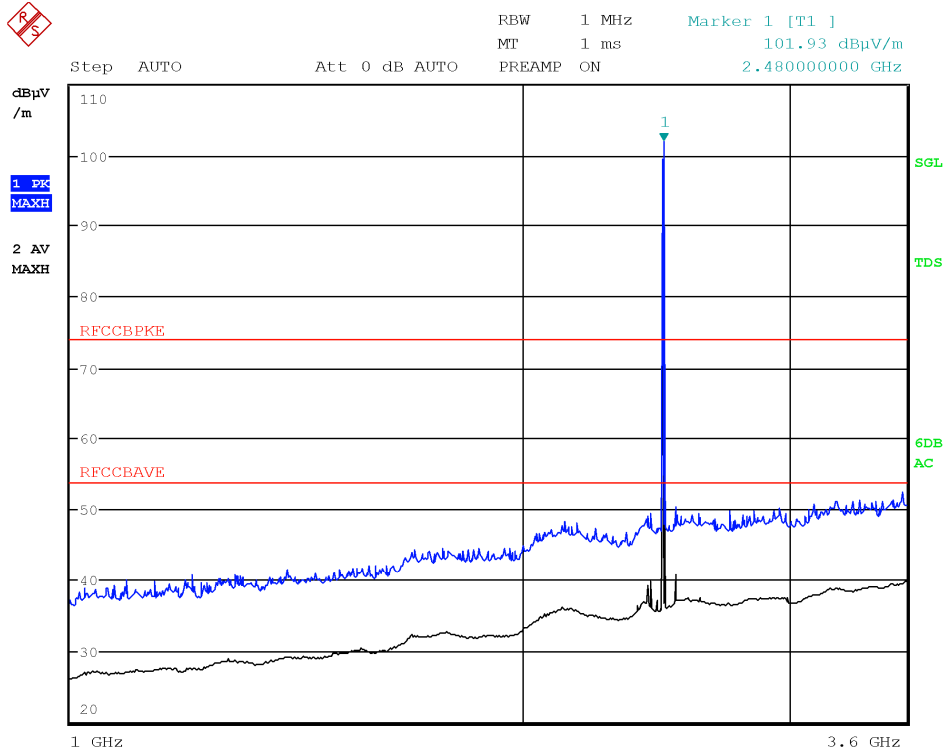


Figure 8.6-42: Radiated spurious emissions on high channel with antenna in vertical polarization – EUT in vertical position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
30.5400	16.9	40.0	-23.1	QP
51.3900	17.4	40.0	-22.6	QP
58.3500	21.1	40.0	-18.9	QP
868.8300	18.5	46.0	-27.5	QP
942.7800	18.8	46.0	-27.2	QP

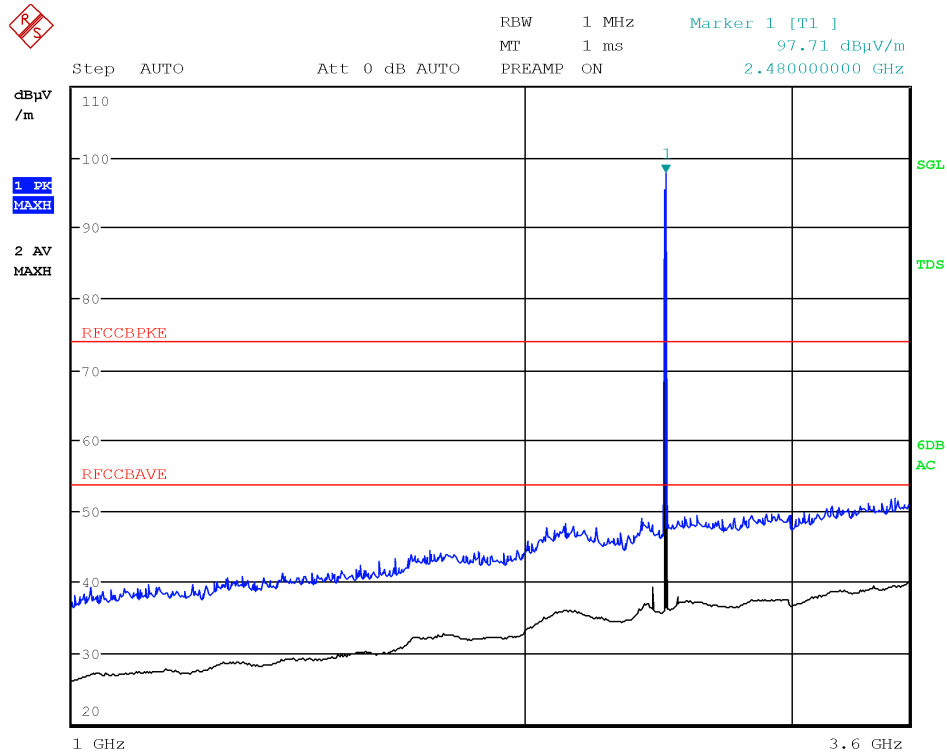
Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.



Peak level under the average limit – no additional measures need

Limit exceeded by the carrier

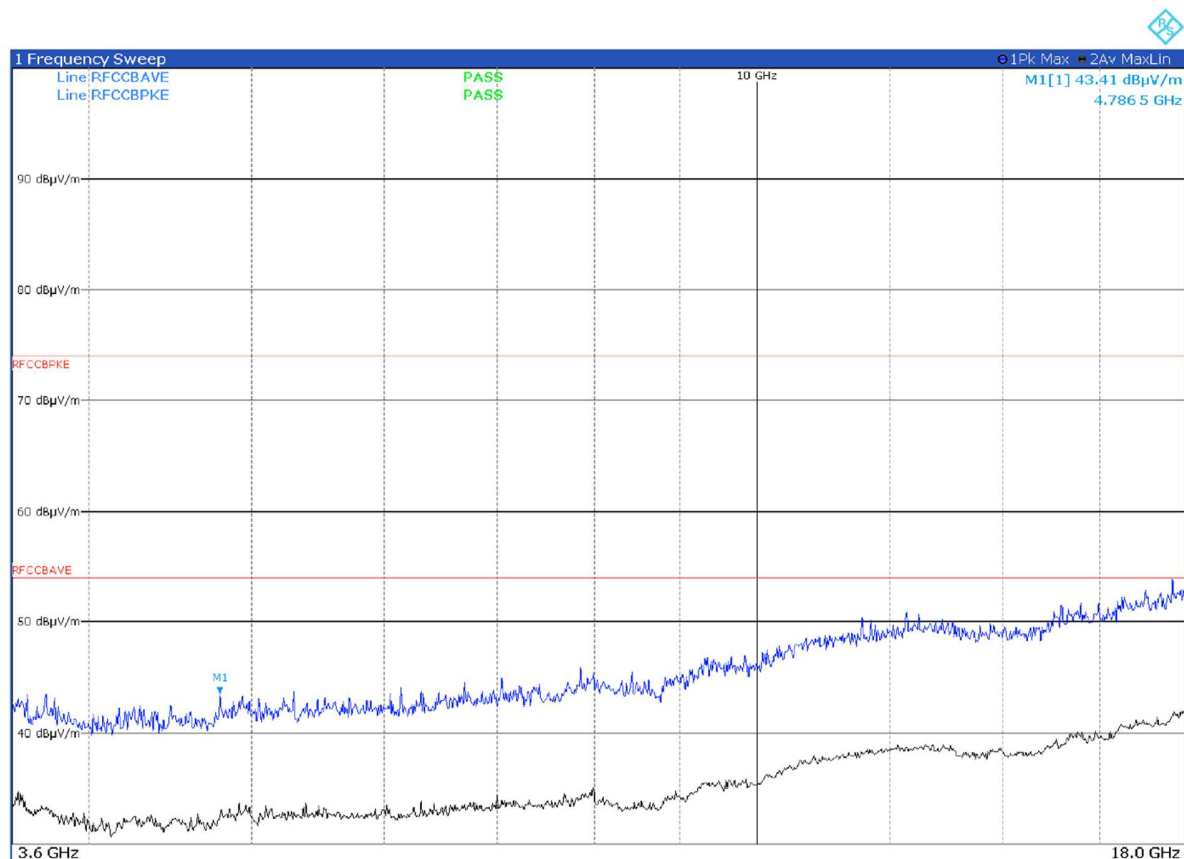
Figure 8.6-43: Radiated spurious emissions on high channel with antenna in horizontal polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

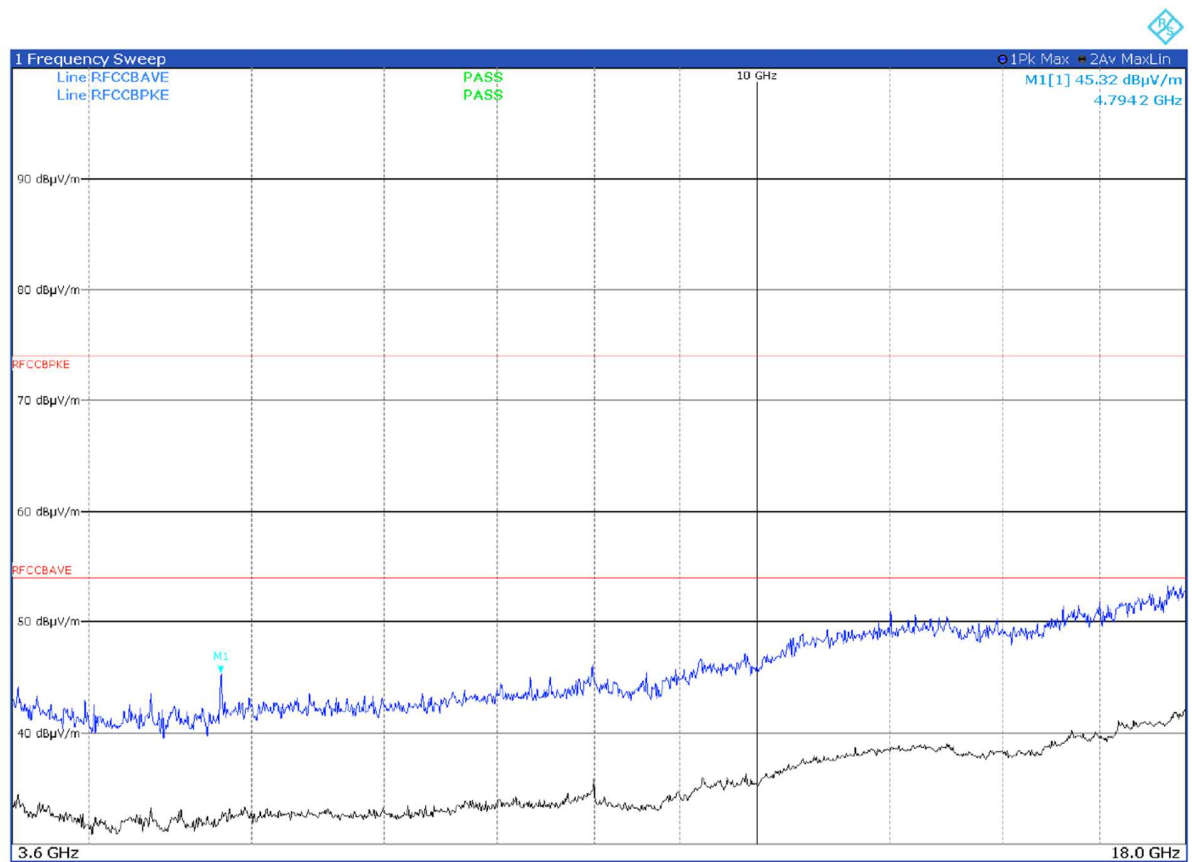
Limit exceeded by the carrier

Figure 8.6-44: Radiated spurious emissions on high channel with antenna in vertical polarization – EUT in vertical position



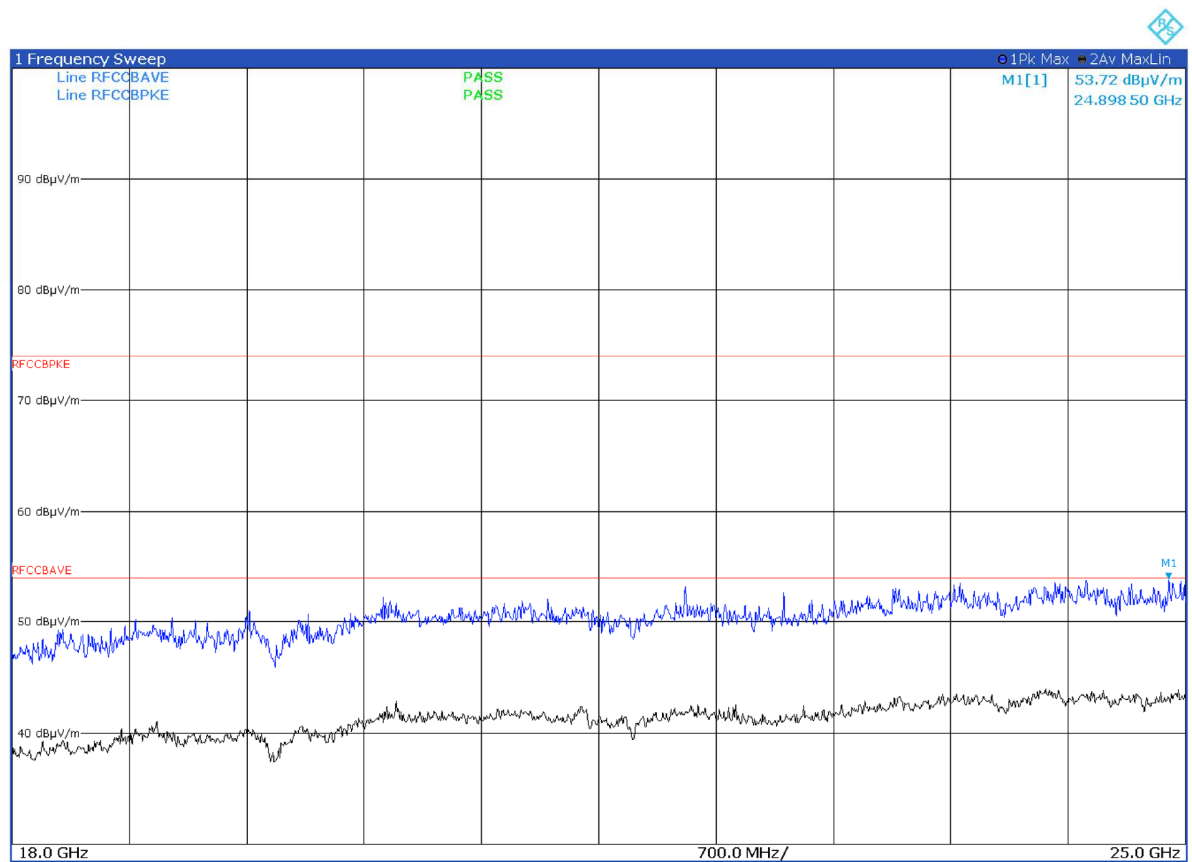
Peak level under the average limit – no additional measures need

Figure 8.6-45: Radiated spurious emissions on high channel with antenna in horizontal polarization – EUT in vertical position



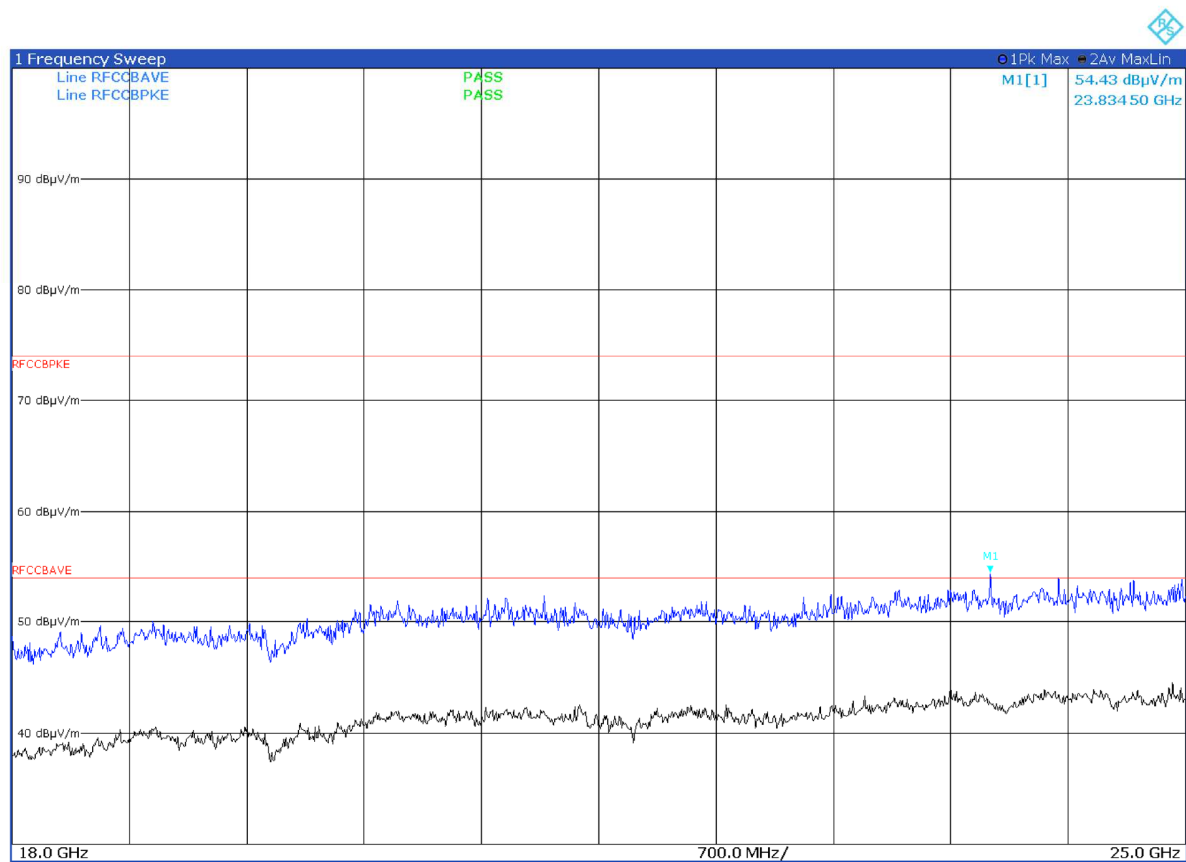
Peak level under the average limit – no additional measures need

Figure 8.6-46: Radiated spurious emissions on high channel with antenna in vertical polarization – EUT in vertical position



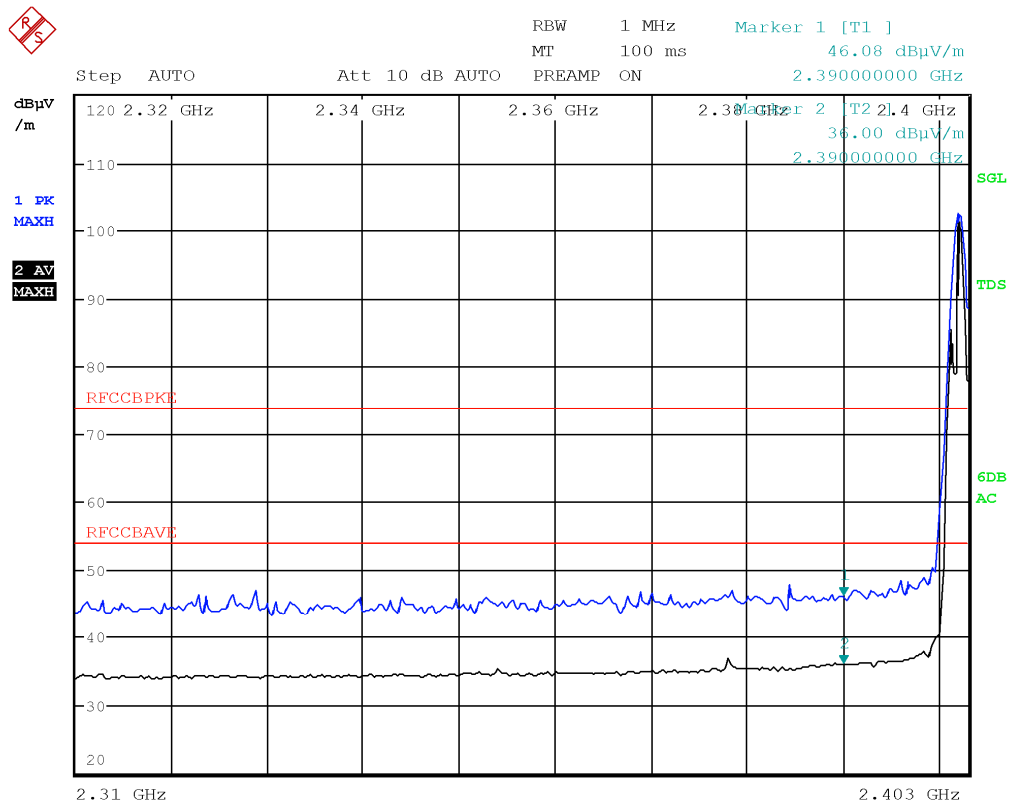
Peak level under the average limit – no additional measures need

Figure 8.6-47: Radiated spurious emissions on high channel with antenna in horizontal polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

Figure 8.6-48: Radiated spurious emissions on high channel with antenna in vertical polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

Figure 8.6-49: Band edge spurious emissions at 2400 MHz for restricted frequency bands

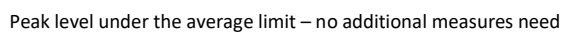
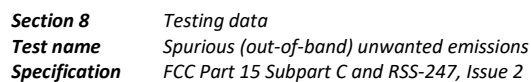


Figure 8.6-50: Band edge spurious emissions at 2483.5 MHz for restricted frequency bands

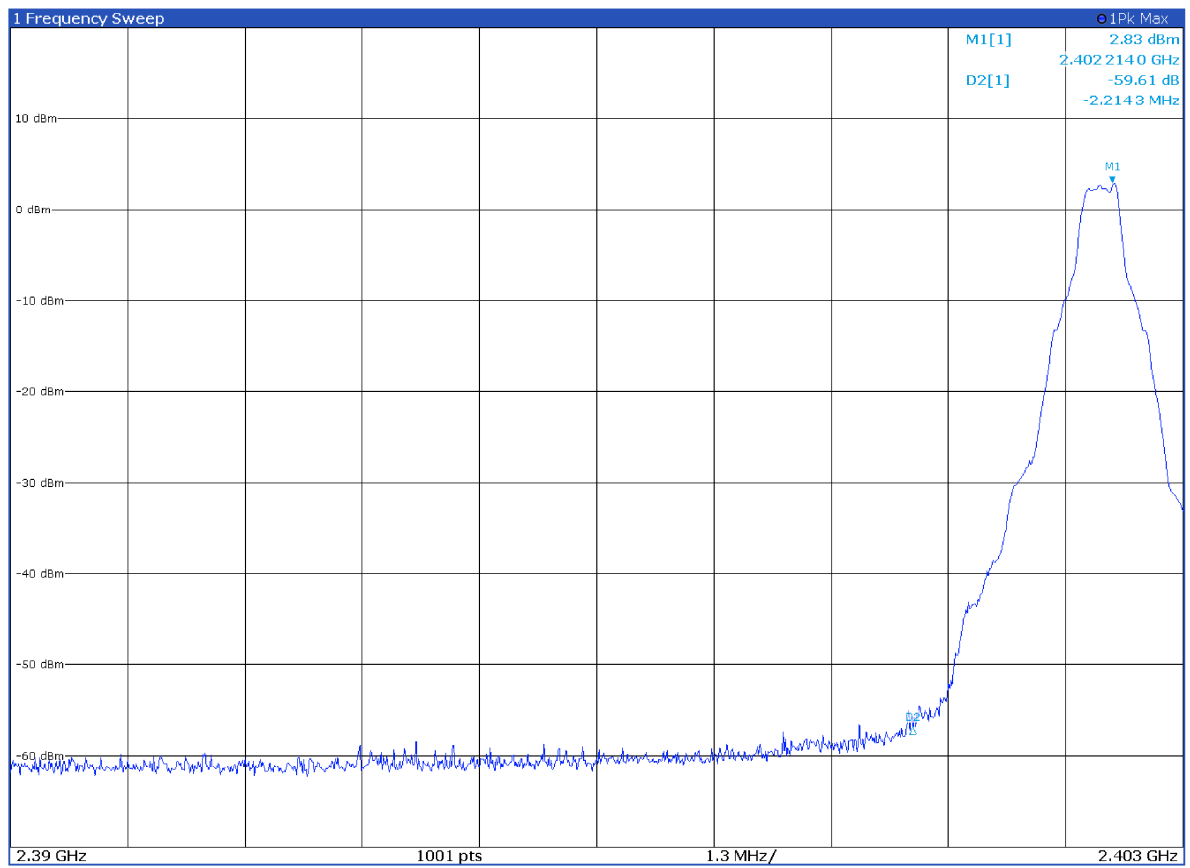


Figure 8.6-51: Band edge spurious emissions at 2400 MHz for non-restricted frequency bands

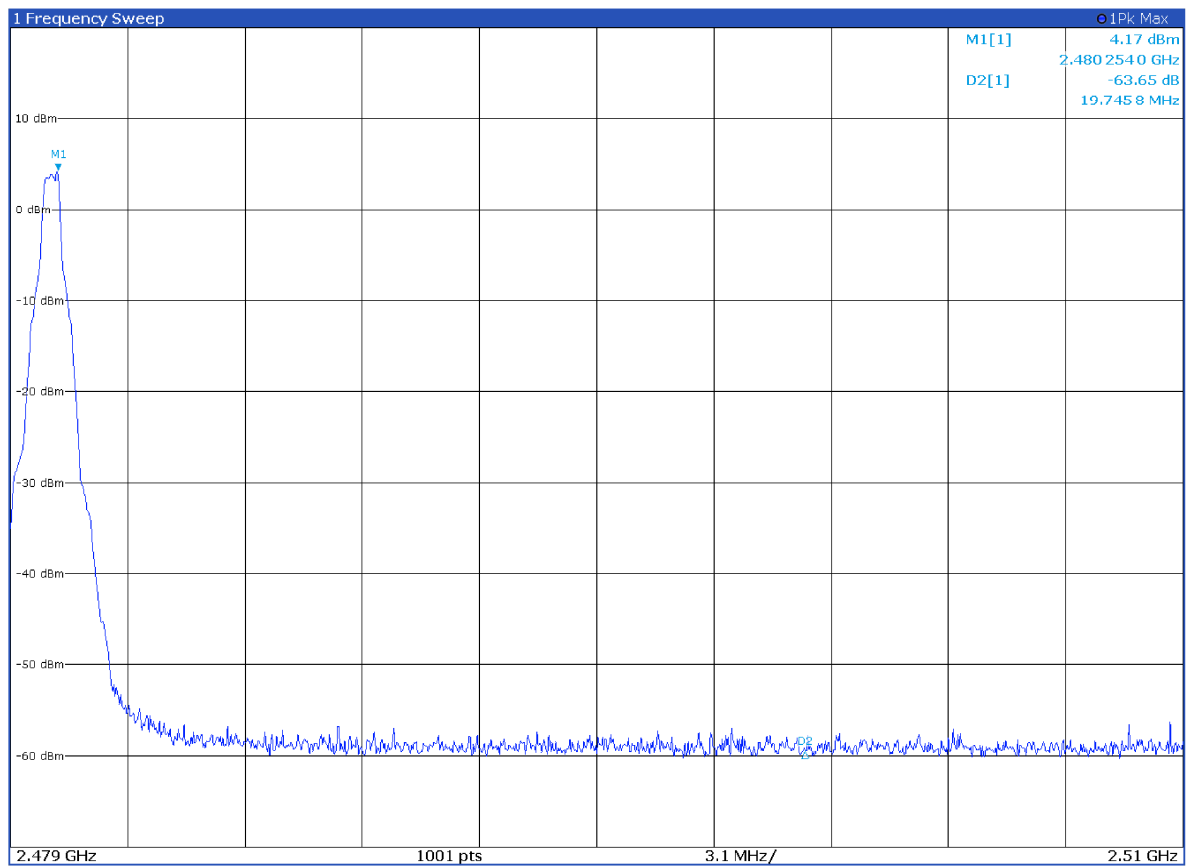


Figure 8.6-52: Band edge spurious emissions at 2483.5 MHz for non-restricted frequency bands

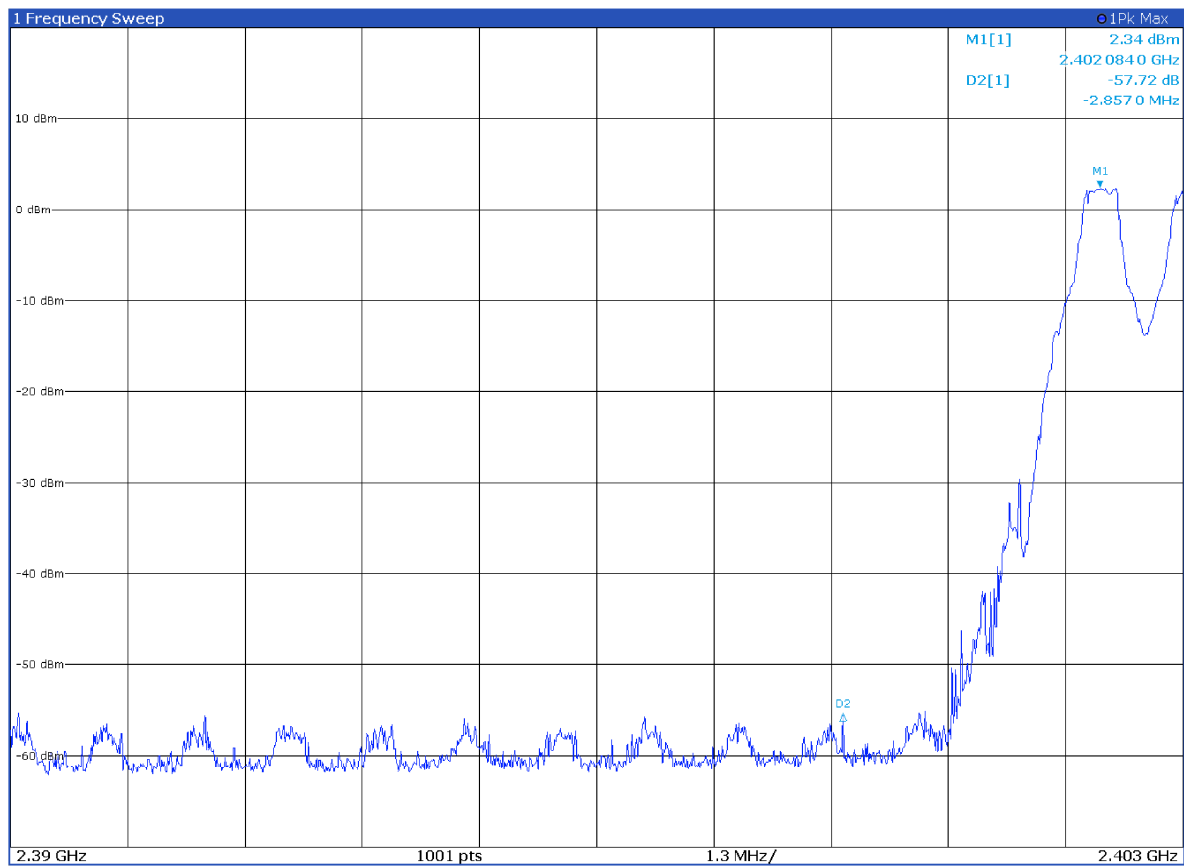


Figure 8.6-53: Band edge spurious emissions at 2400 MHz for restricted frequency bands in hopping mode



Section 8 *Testing data*
Test name *Spurious (out-of-band) unwanted emissions*
Specification *FCC Part 15 Subpart C and RSS-247, Issue 2*

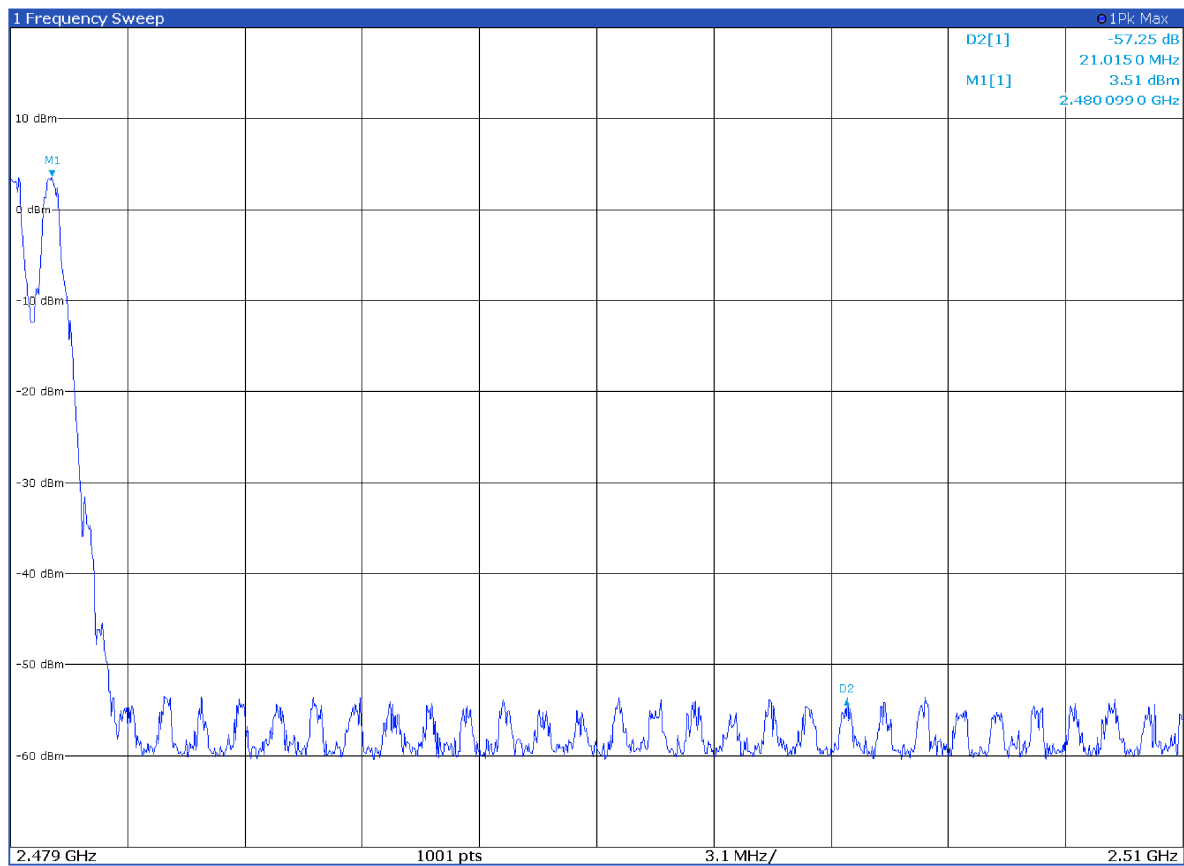


Figure 8.6-54: Band edge spurious emissions at 2483.5 MHz for restricted frequency bands in hopping mode

8.6.1 Test data for EDR 2DH5 modulation

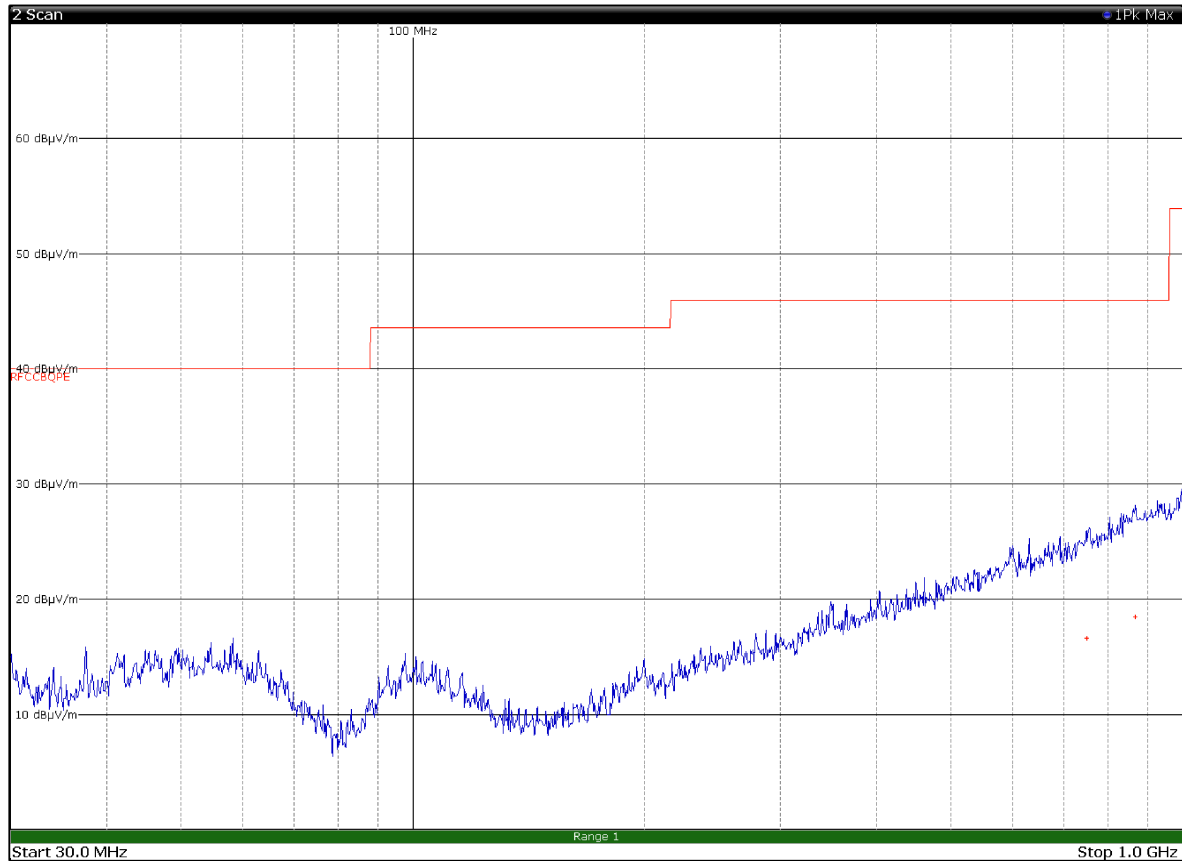


Figure 8.6-55: Radiated spurious emissions on low channel with antenna in horizontal polarization – EUT in horizontal position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
748.9200	16.7	46.0	-29.3	QP
867.9000	18.6	46.0	-27.4	QP

Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

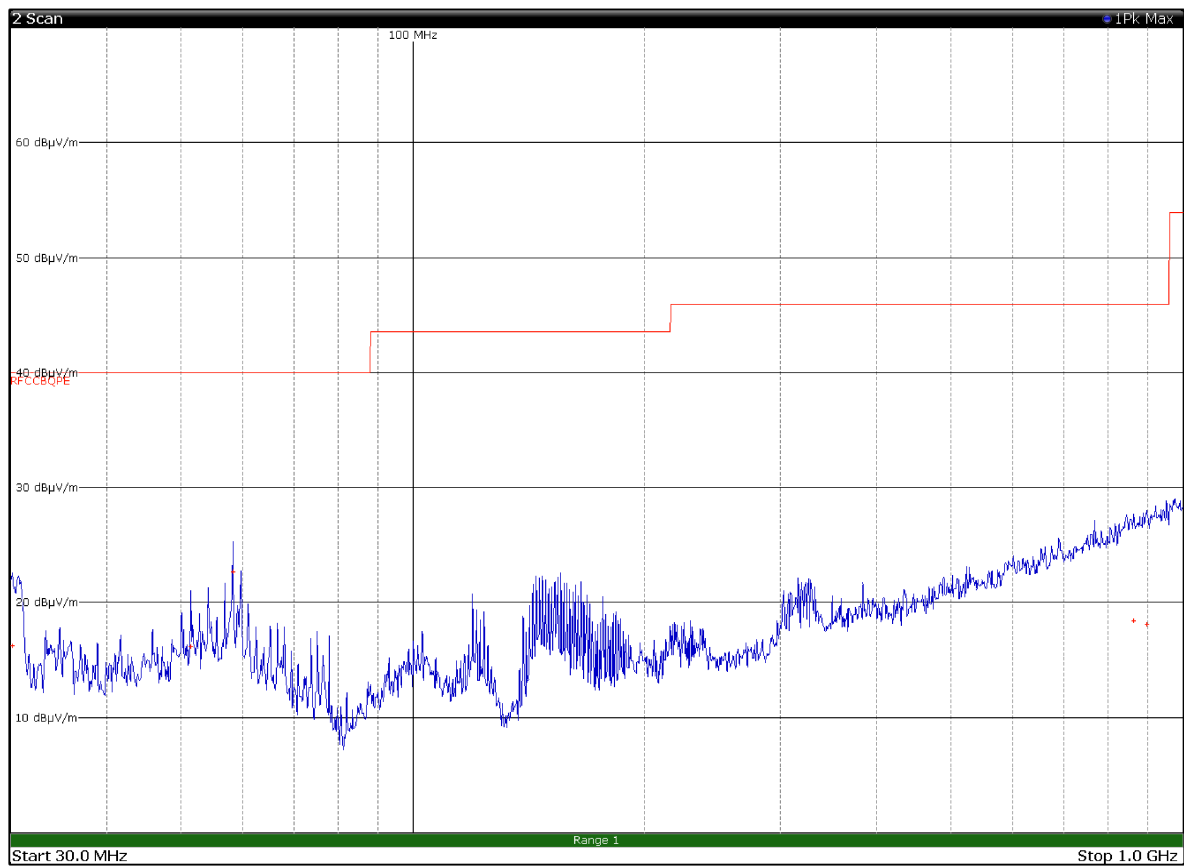
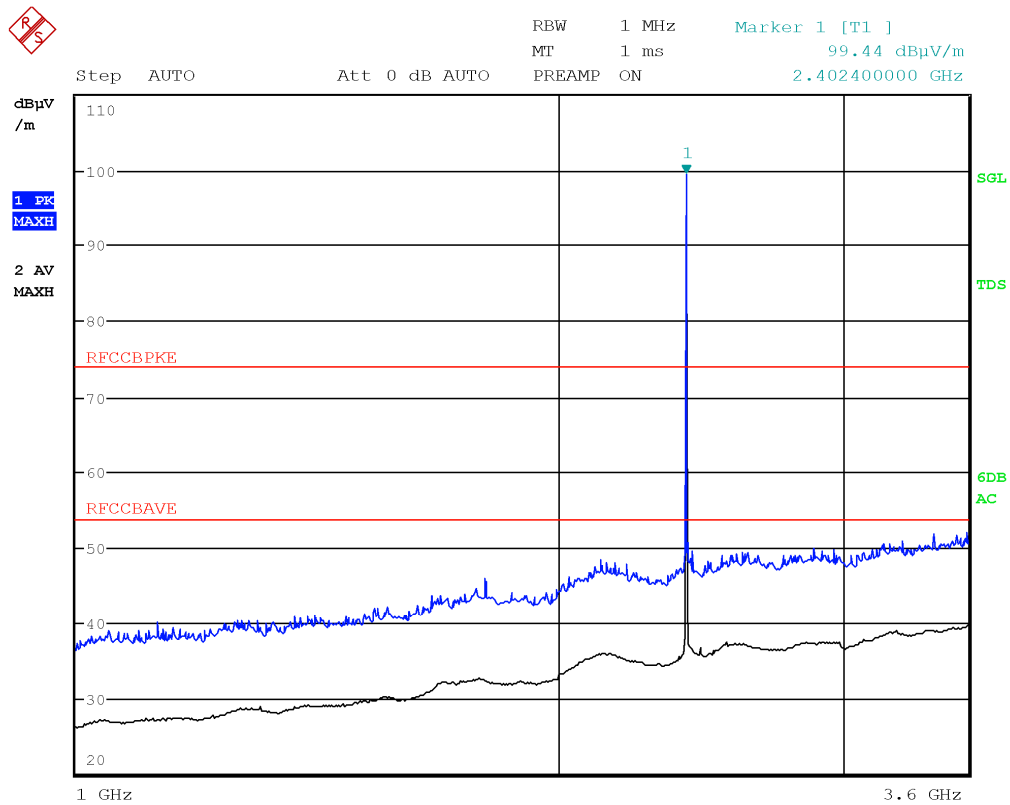


Figure 8.6-56: Radiated spurious emissions on low channel with antenna in vertical polarization – EUT in horizontal position

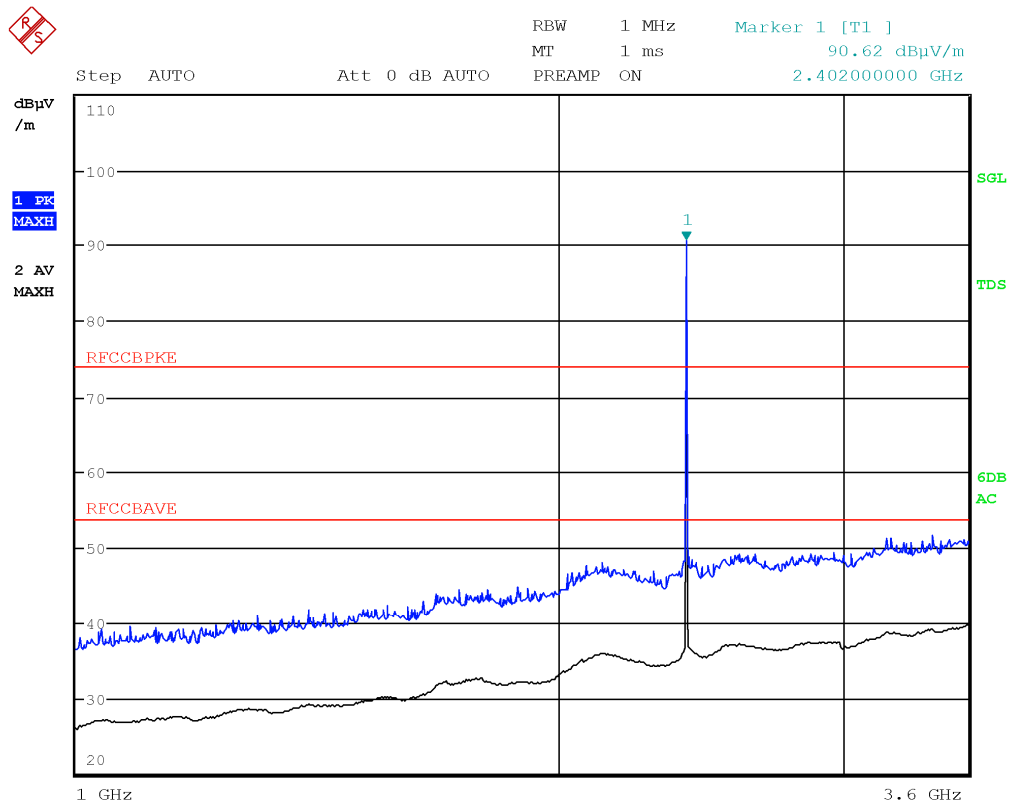
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
30.1800	16.3	40.0	-23.7	QP
51.4200	16.3	40.0	-23.7	QP
58.3500	22.7	40.0	-17.3	QP
862.6200	18.5	46.0	-27.5	QP
897.3900	18.2	46.0	-27.8	QP
Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.				



Peak level under the average limit – no additional measures need

Limit exceeded by the carrier

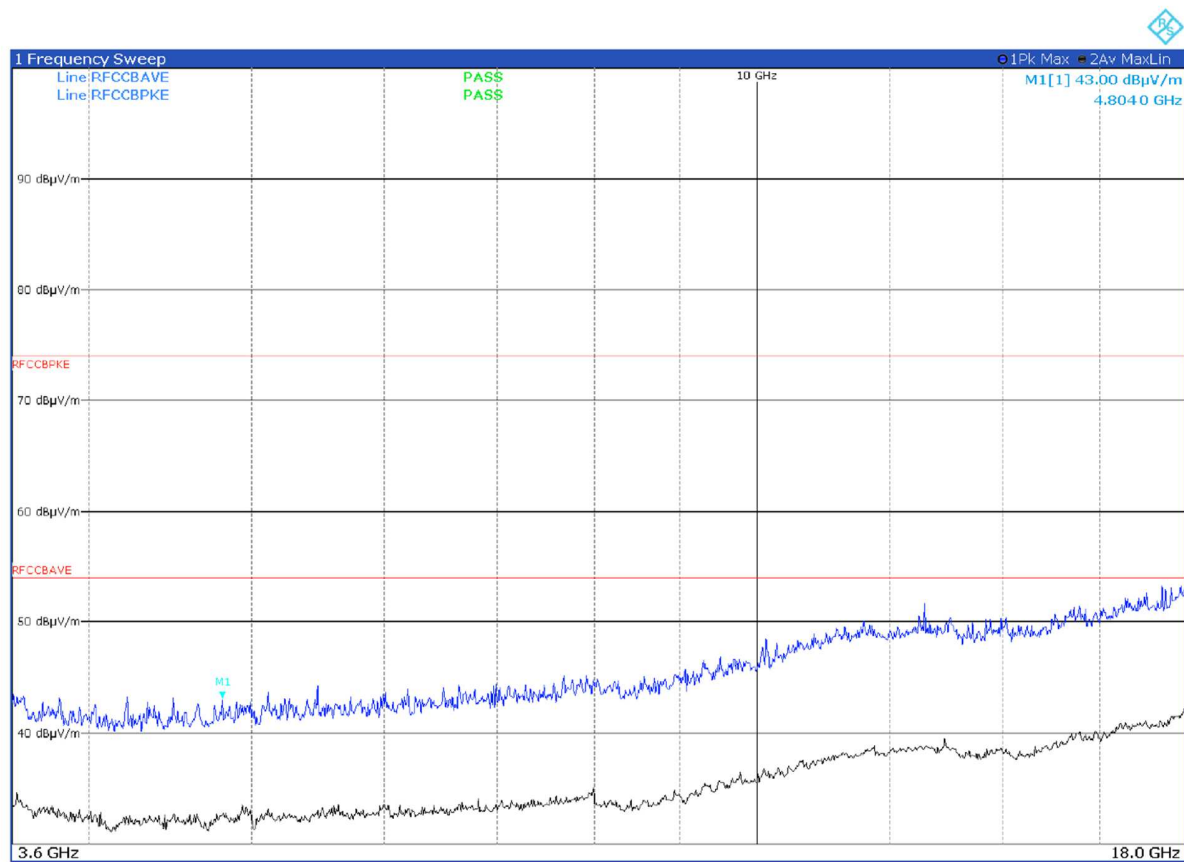
Figure 8.6-57: Radiated spurious emissions on low channel with antenna in horizontal polarization – EUT in horizontal position



Peak level under the average limit – no additional measures need

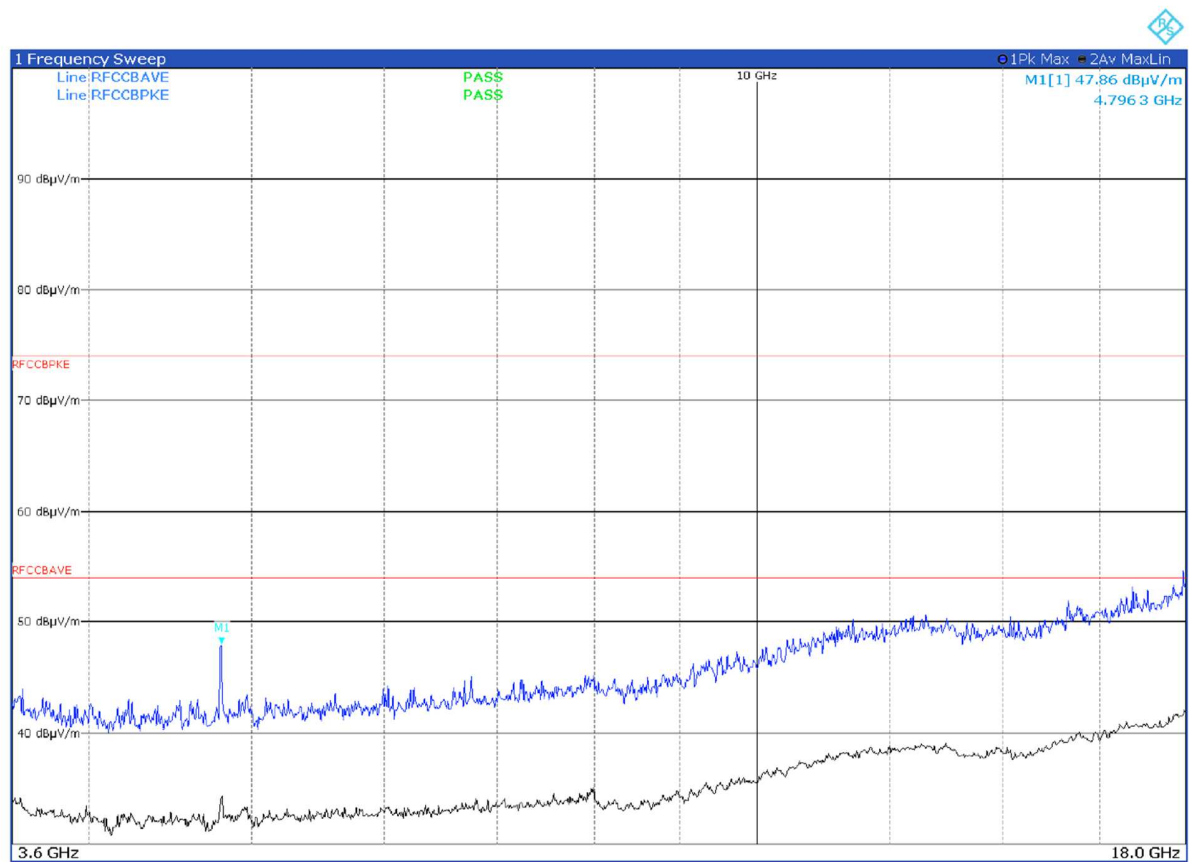
Limit exceeded by the carrier

Figure 8.6-58: Radiated spurious emissions on low channel with antenna in vertical polarization – EUT in horizontal position



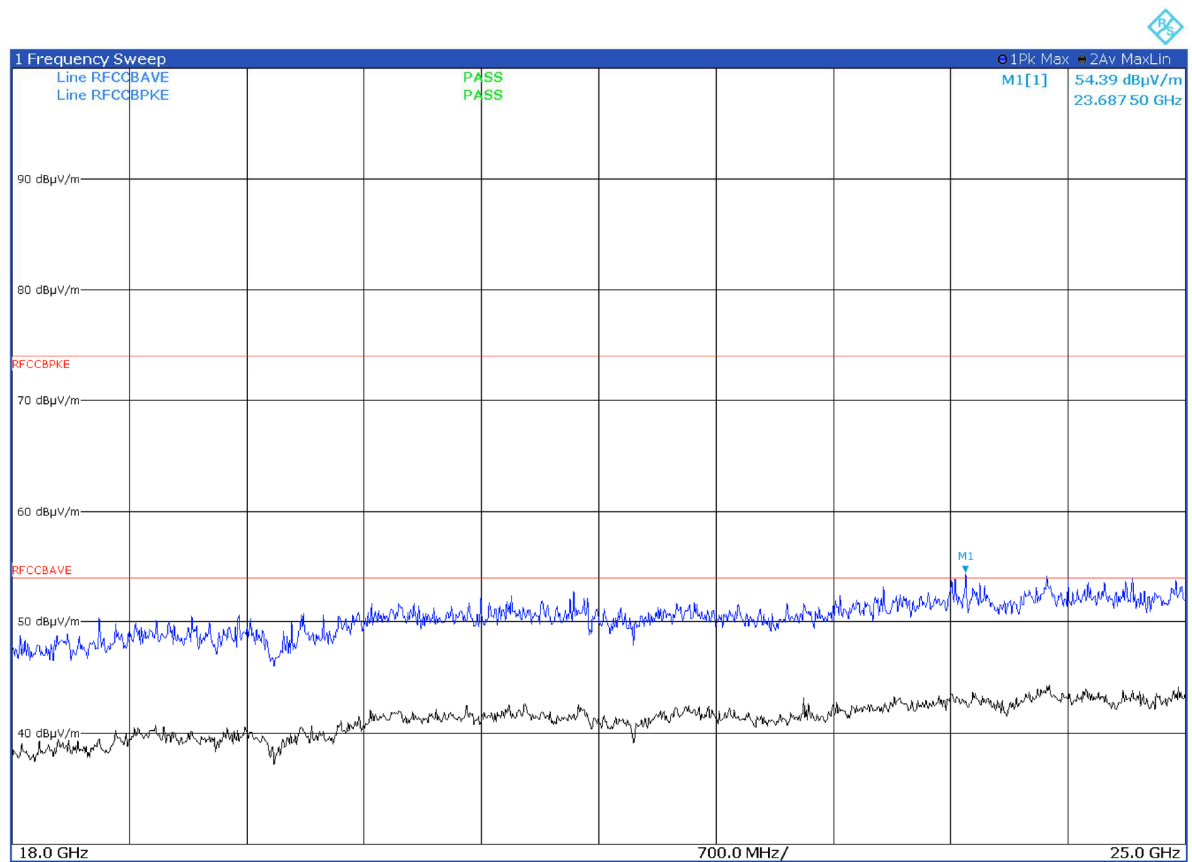
Peak level under the average limit – no additional measures need

Figure 8.6-59: Radiated spurious emissions on low channel with antenna in horizontal polarization – EUT in horizontal position



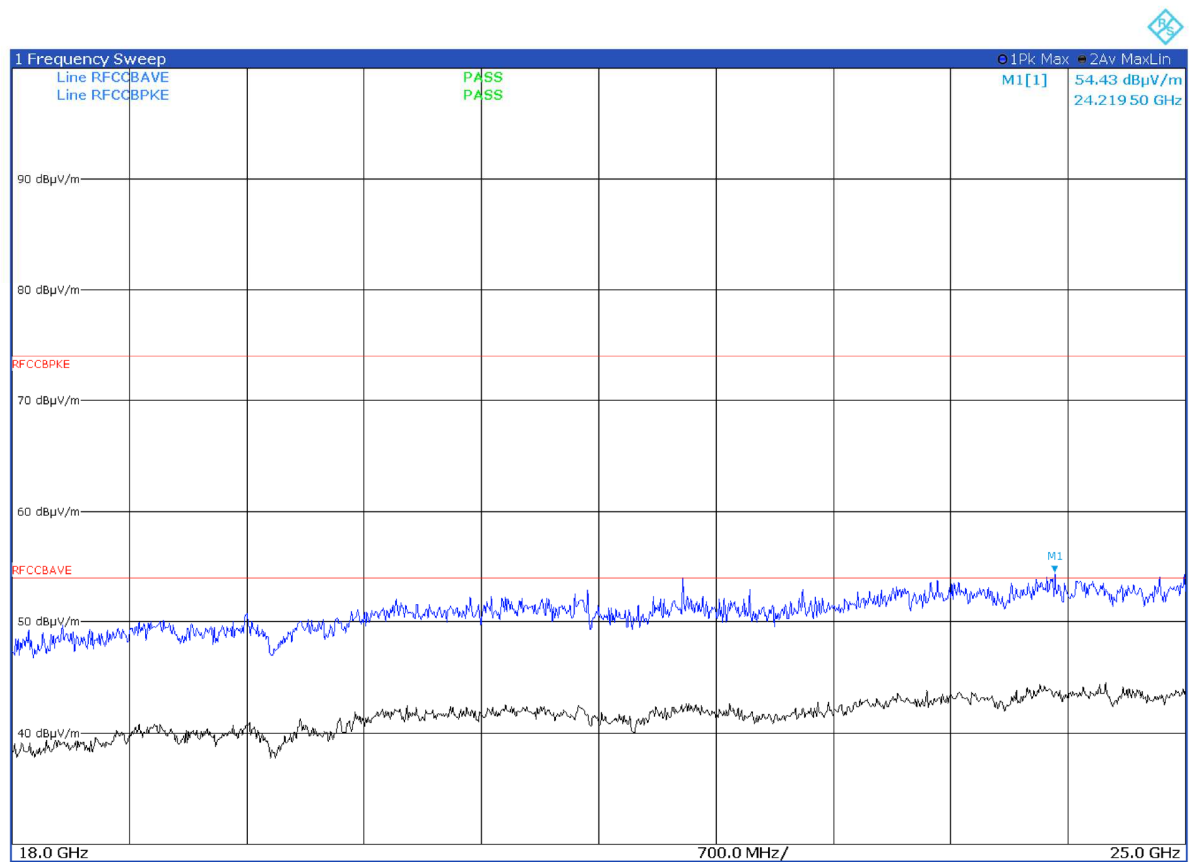
Peak level under the average limit – no additional measures need

Figure 8.6-60: Radiated spurious emissions on low channel with antenna in vertical polarization – EUT in horizontal position



Peak level under the average limit – no additional measures need

Figure 8.6-61: Radiated spurious emissions on low channel with antenna in horizontal polarization – EUT in horizontal position



Peak level under the average limit – no additional measures need

Figure 8.6-62: Radiated spurious emissions on low channel with antenna in vertical polarization – EUT in horizontal position

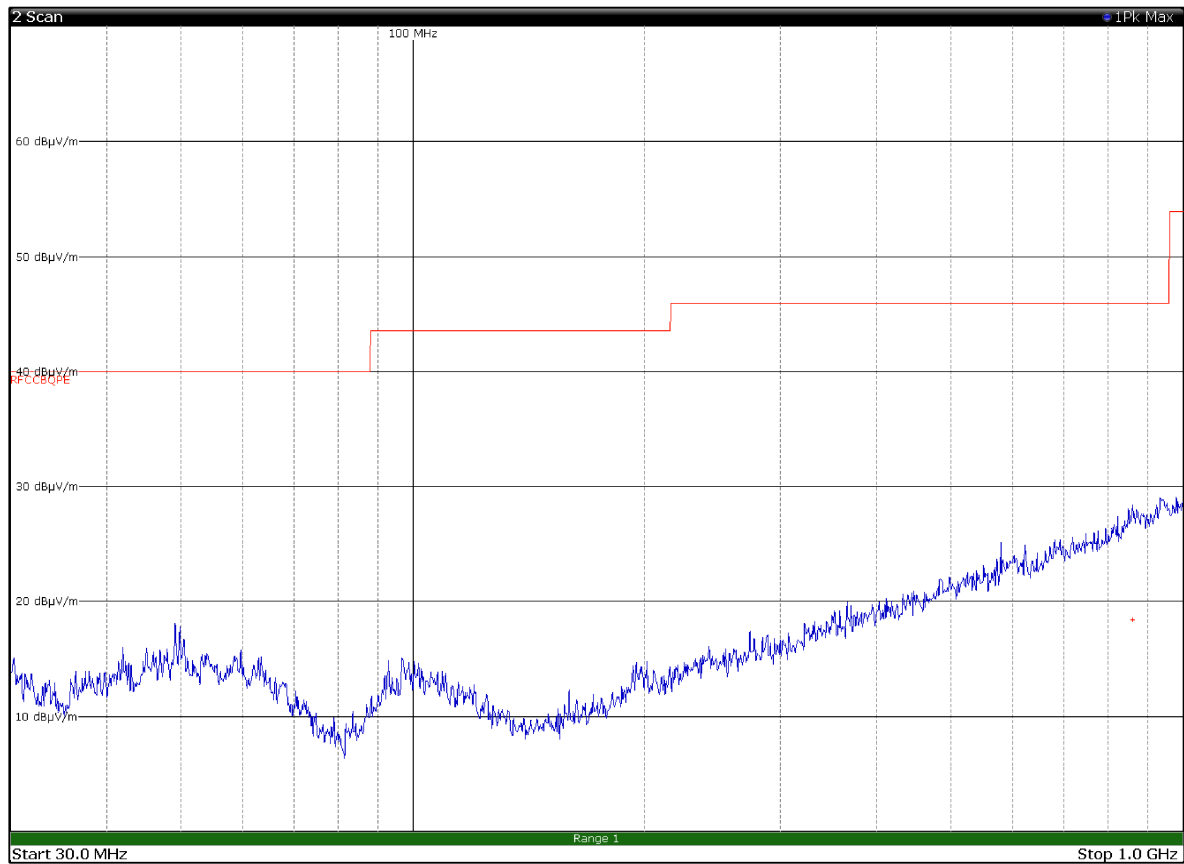


Figure 8.6-63: Radiated spurious emissions on mid channel with antenna in horizontal polarization – EUT in horizontal position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
860.1900	18.4	46.0	-27.6	QP
Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.				

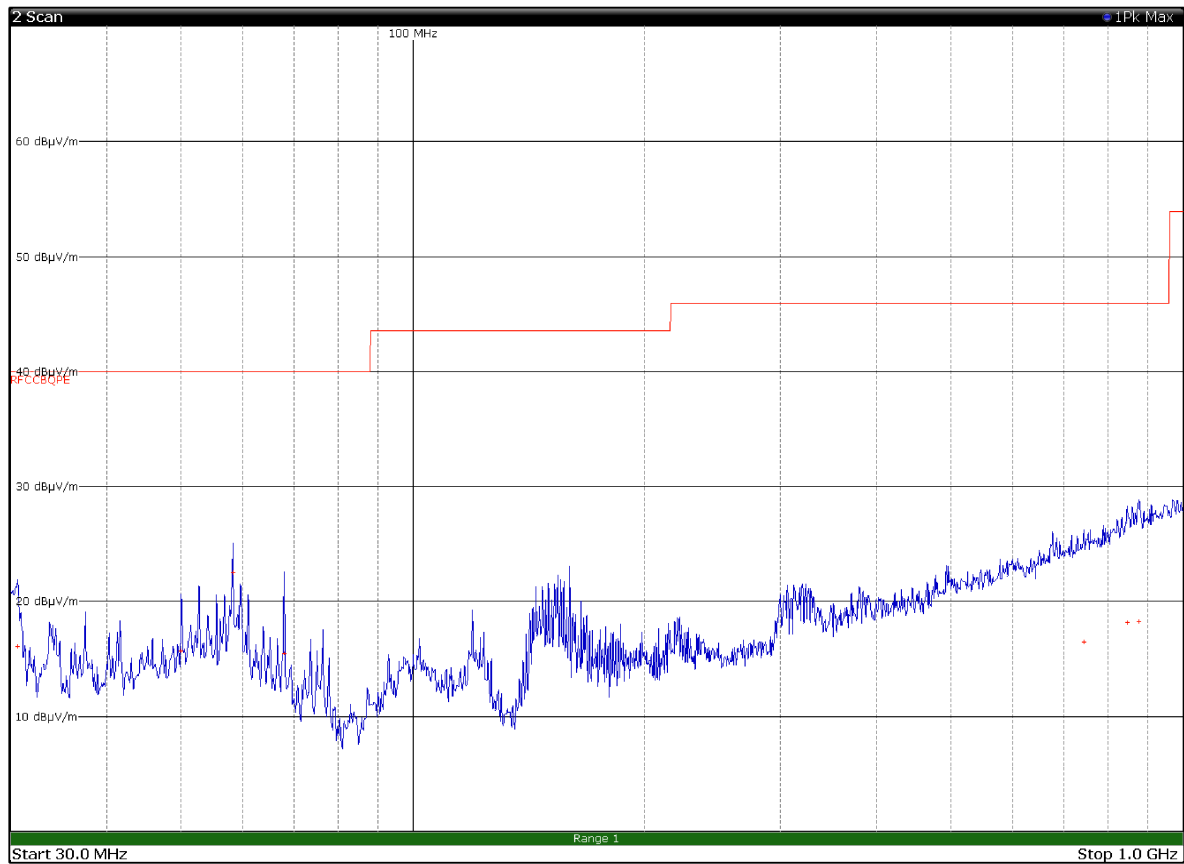
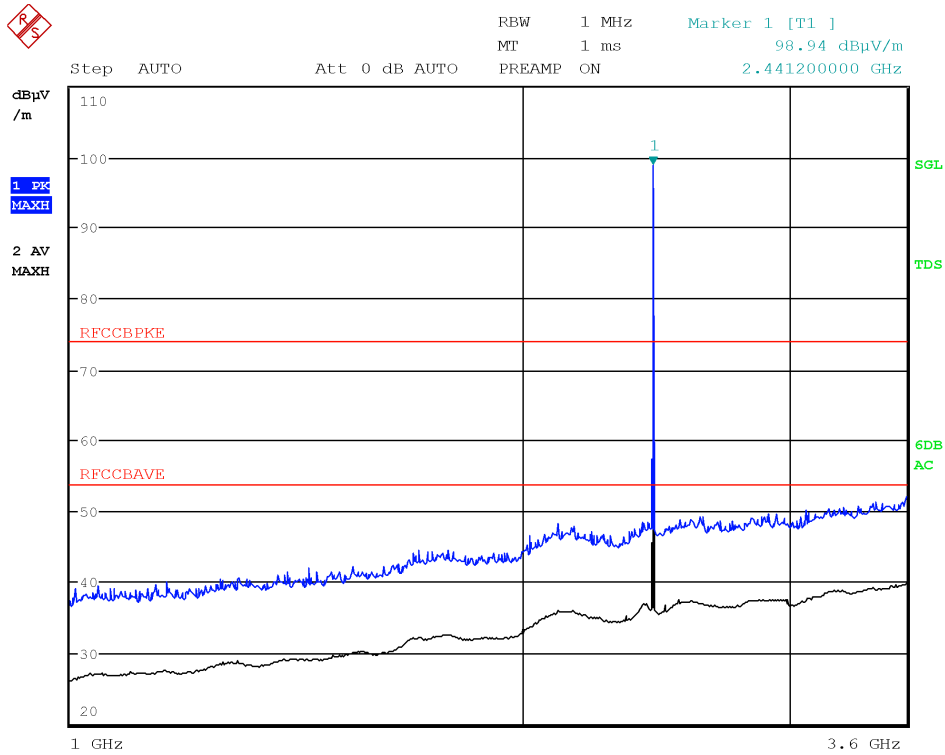


Figure 8.6-64: Radiated spurious emissions on mid channel with antenna in vertical polarization – EUT in horizontal position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
30.6600	16.2	40.0	-23.8	QP
49.9800	15.8	40.0	-24.2	QP
58.3500	22.5	40.0	-17.5	QP
68.0100	15.6	40.0	-24.4	QP
743.3400	16.6	46.0	-29.4	QP
846.0600	18.2	46.0	-27.8	QP
876.5700	18.3	46.0	-27.7	QP

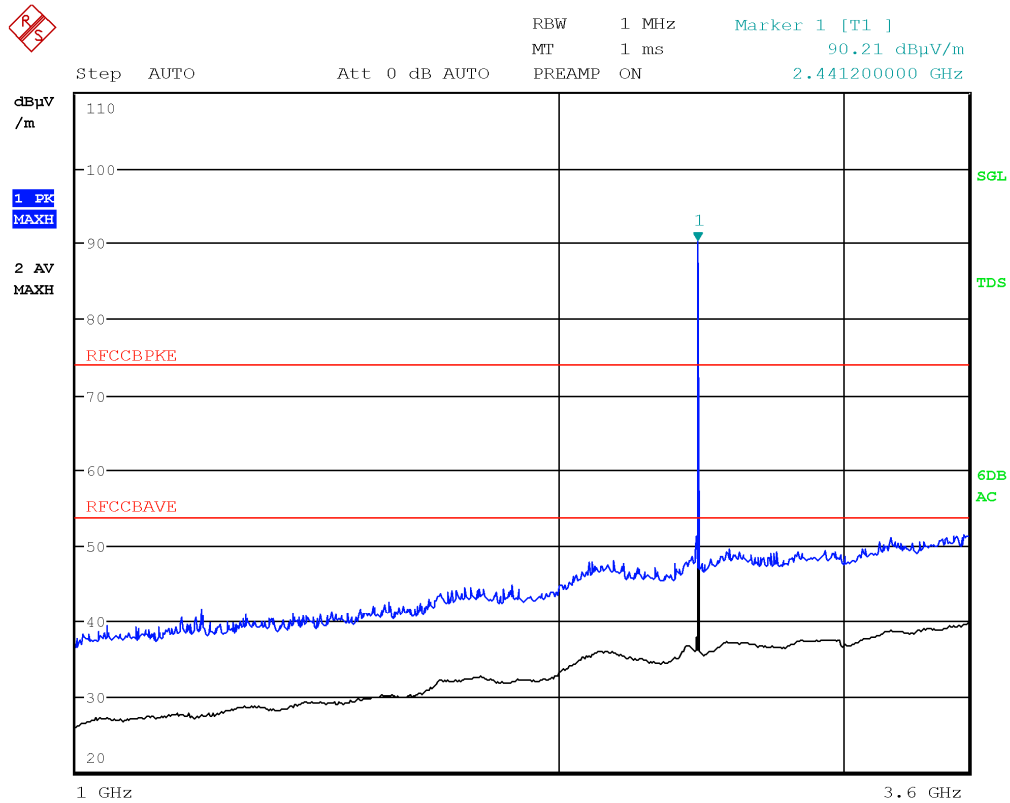
Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.



Peak level under the average limit – no additional measures need

Limit exceeded by the carrier

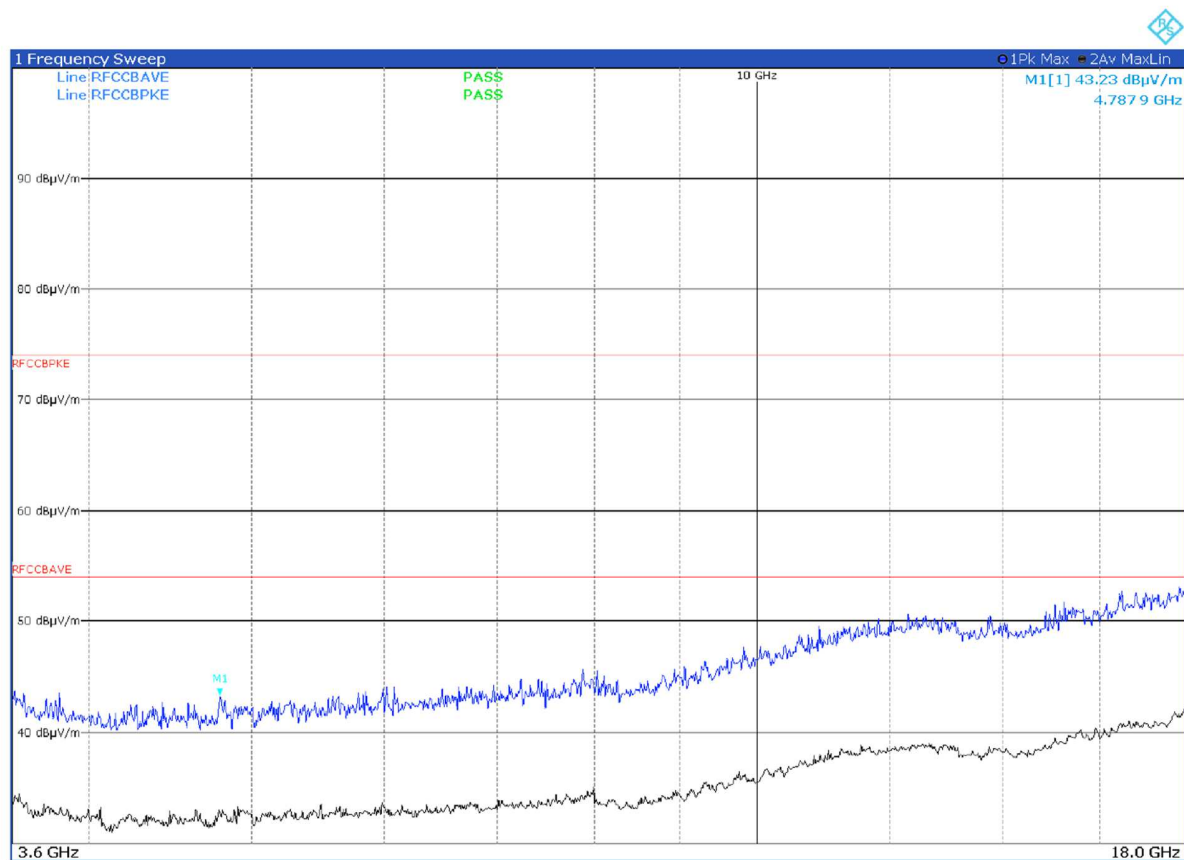
Figure 8.6-65: Radiated spurious emissions on mid channel with antenna in horizontal polarization – EUT in horizontal position



Peak level under the average limit – no additional measures need

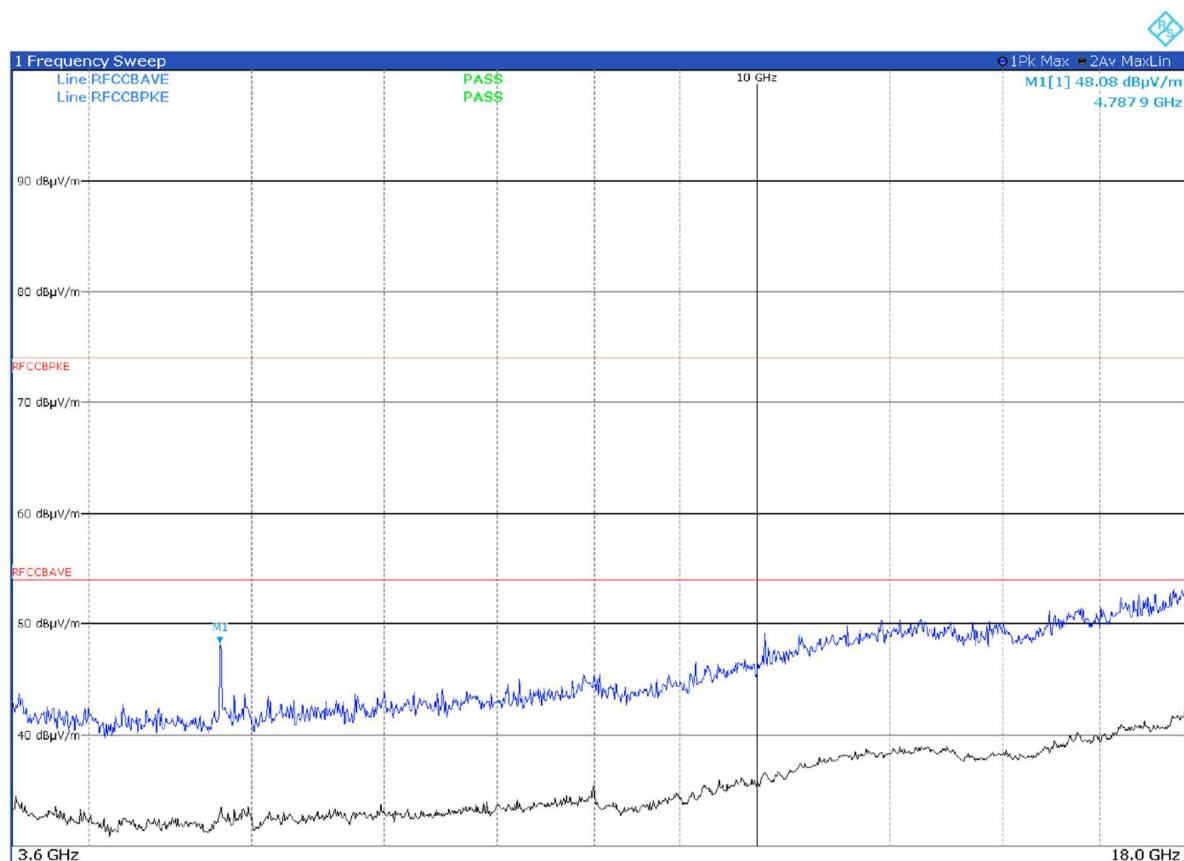
Limit exceeded by the carrier

Figure 8.6-66: Radiated spurious emissions on mid channel with antenna in vertical polarization – EUT in horizontal position



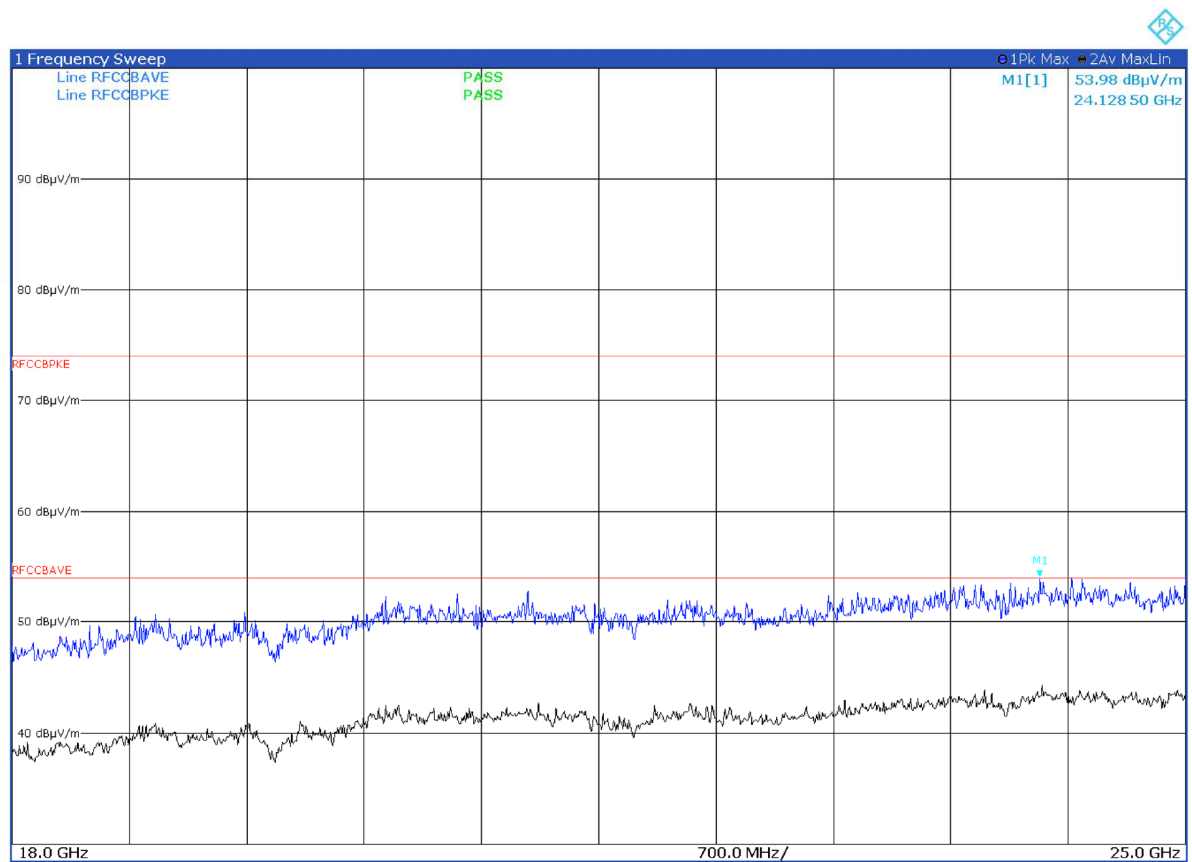
Peak level under the average limit – no additional measures need

Figure 8.6-67: Radiated spurious emissions on mid channel with antenna in horizontal polarization – EUT in horizontal position



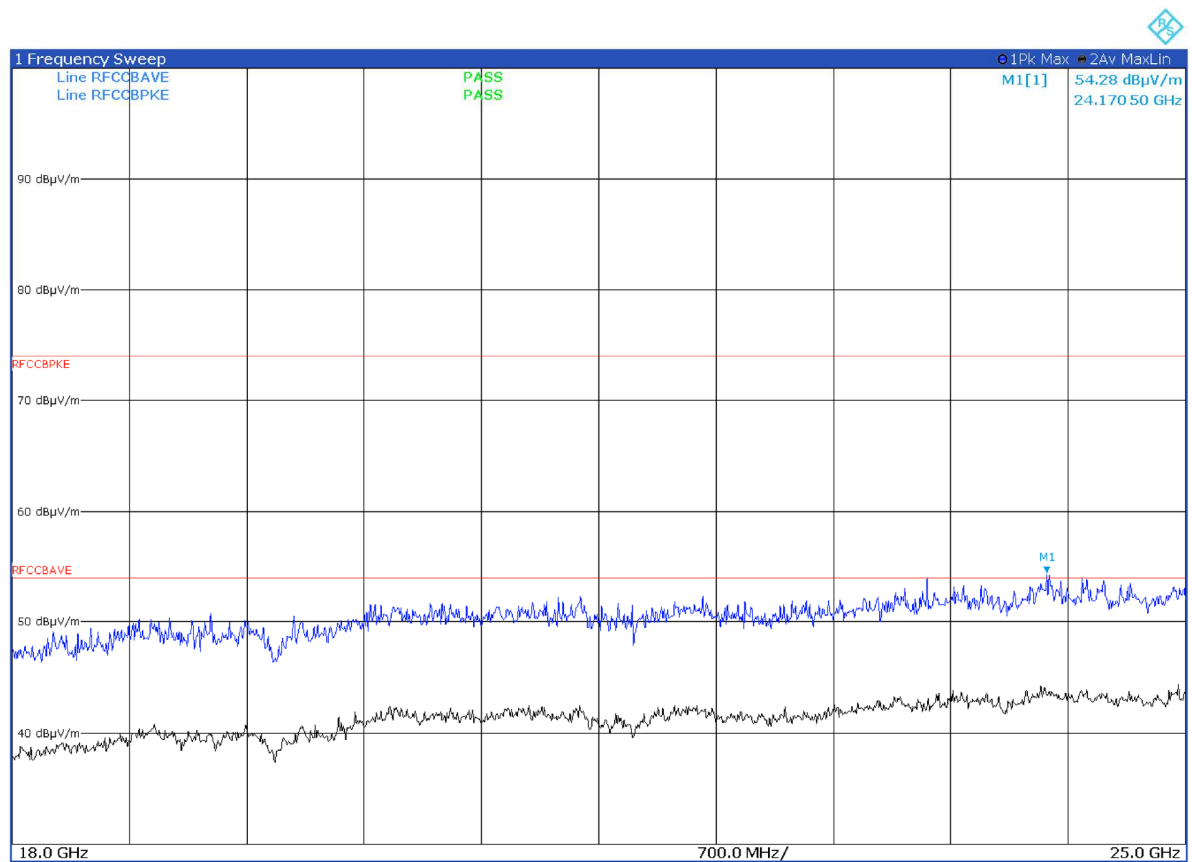
Peak level under the average limit – no additional measures need

Figure 8.6-68: Radiated spurious emissions on mid channel with antenna in vertical polarization – EUT in horizontal position



Peak level under the average limit – no additional measures need

Figure 8.6-69: Radiated spurious emissions on mid channel with antenna in horizontal polarization – EUT in horizontal position



Peak level under the average limit – no additional measures need

Figure 8.6-70: Radiated spurious emissions on mid channel with antenna in vertical polarization – EUT in horizontal position

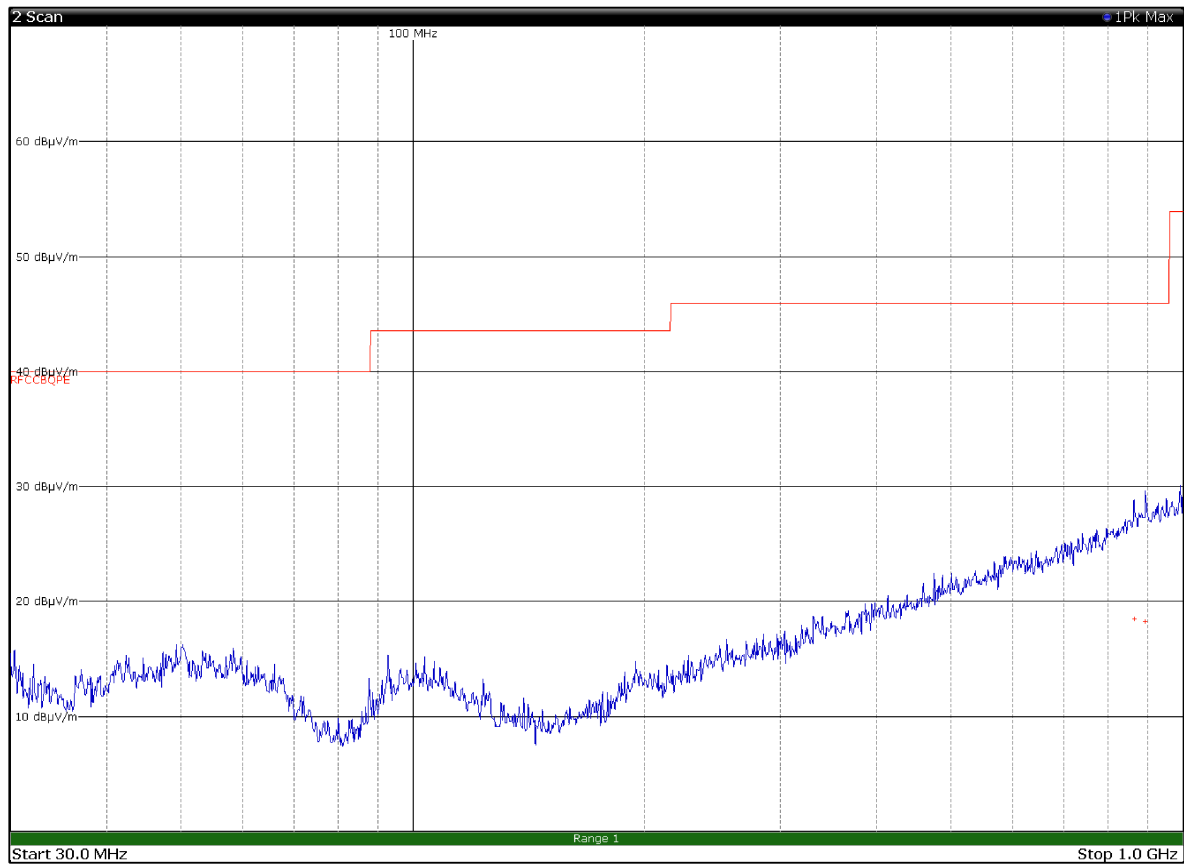


Figure 8.6-71: Radiated spurious emissions on high channel with antenna in horizontal polarization – EUT in horizontal position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
863.7300	18.6	46.0	-27.4	QP
892.8600	18.3	46.0	-27.7	QP
Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.				

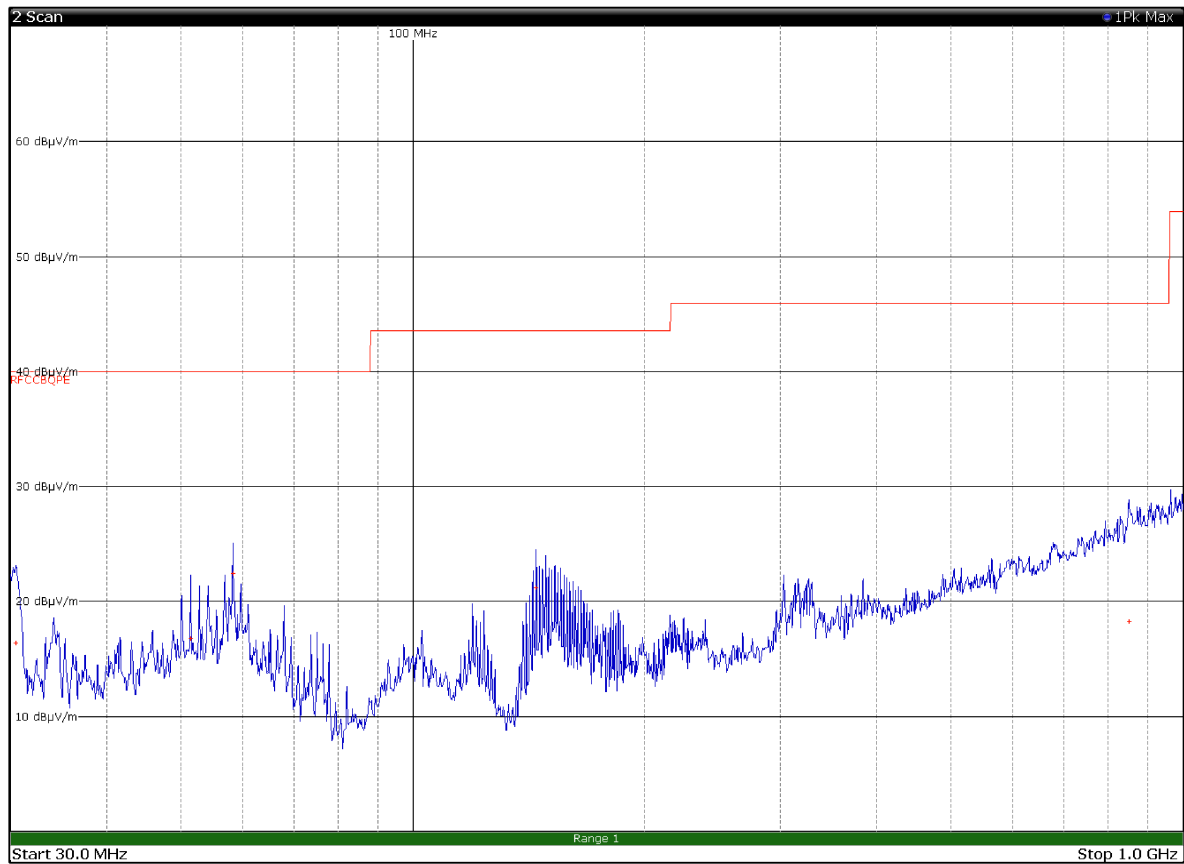
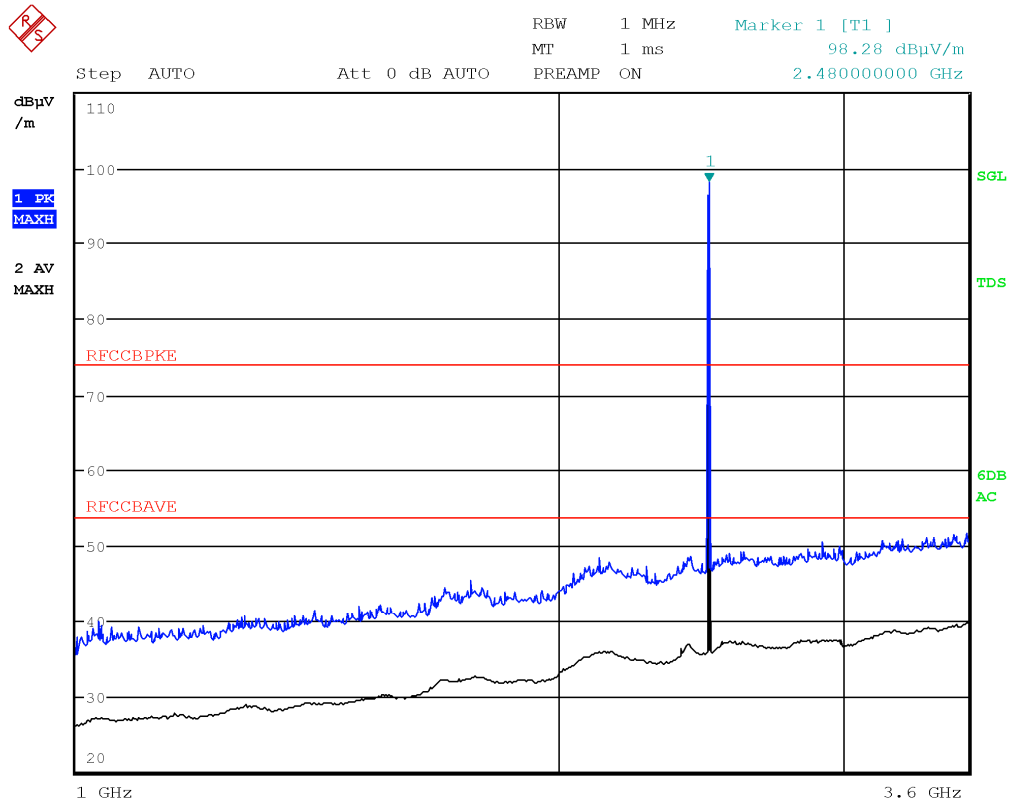


Figure 8.6-72: Radiated spurious emissions on high channel with antenna in vertical polarization – EUT in horizontal position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
30.4800	16.5	40.0	-23.5	QP
51.3900	16.8	40.0	-23.2	QP
58.3200	22.4	40.0	-17.6	QP
144.4800	21.3	43.5	-22.2	QP
850.5300	18.3	46.0	-27.7	QP

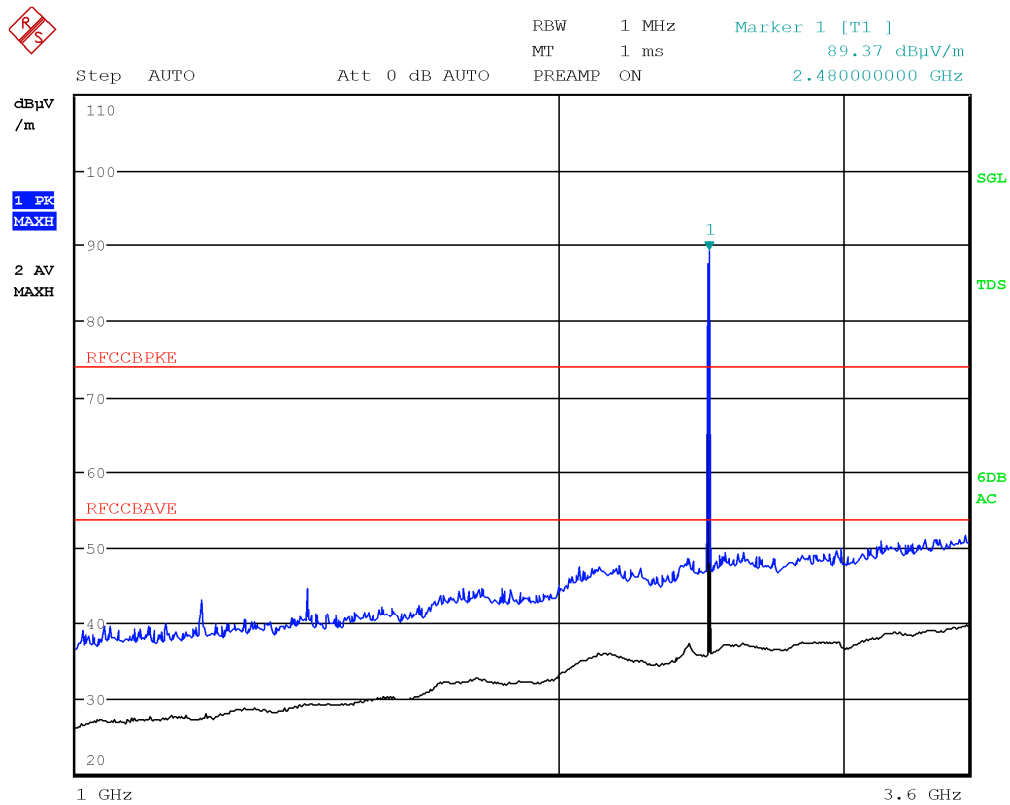
Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.



Peak level under the average limit – no additional measures need

Limit exceeded by the carrier

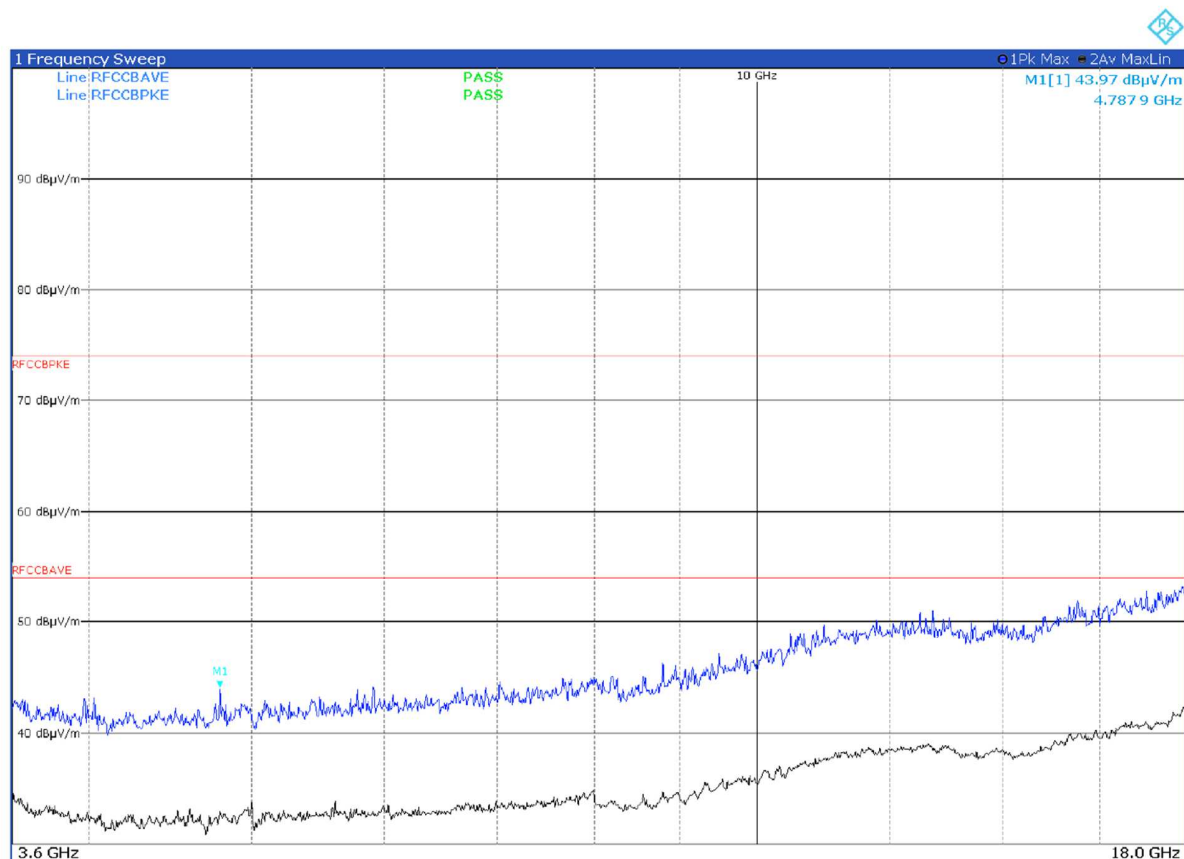
Figure 8.6-73: Radiated spurious emissions on high channel with antenna in horizontal polarization – EUT in horizontal position



Peak level under the average limit – no additional measures need

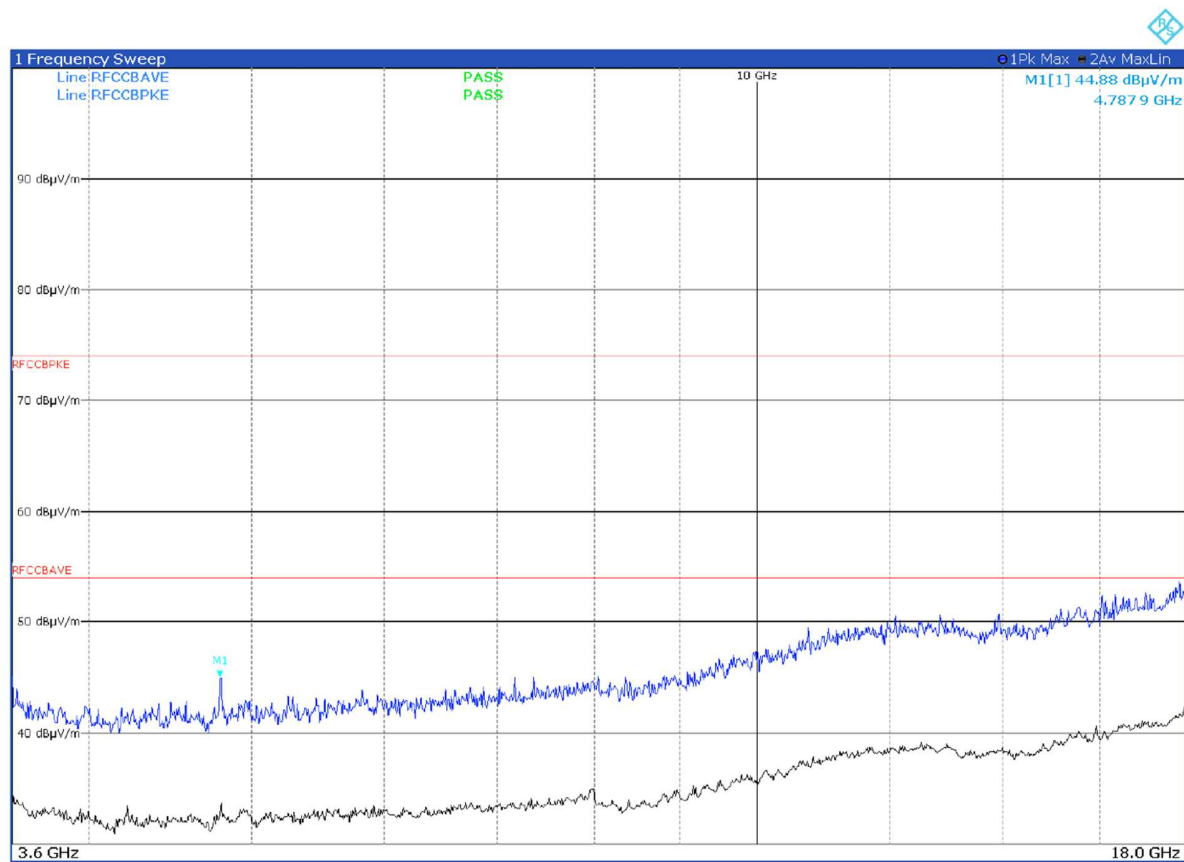
Limit exceeded by the carrier

Figure 8.6-74: Radiated spurious emissions on high channel with antenna in vertical polarization – EUT in horizontal position



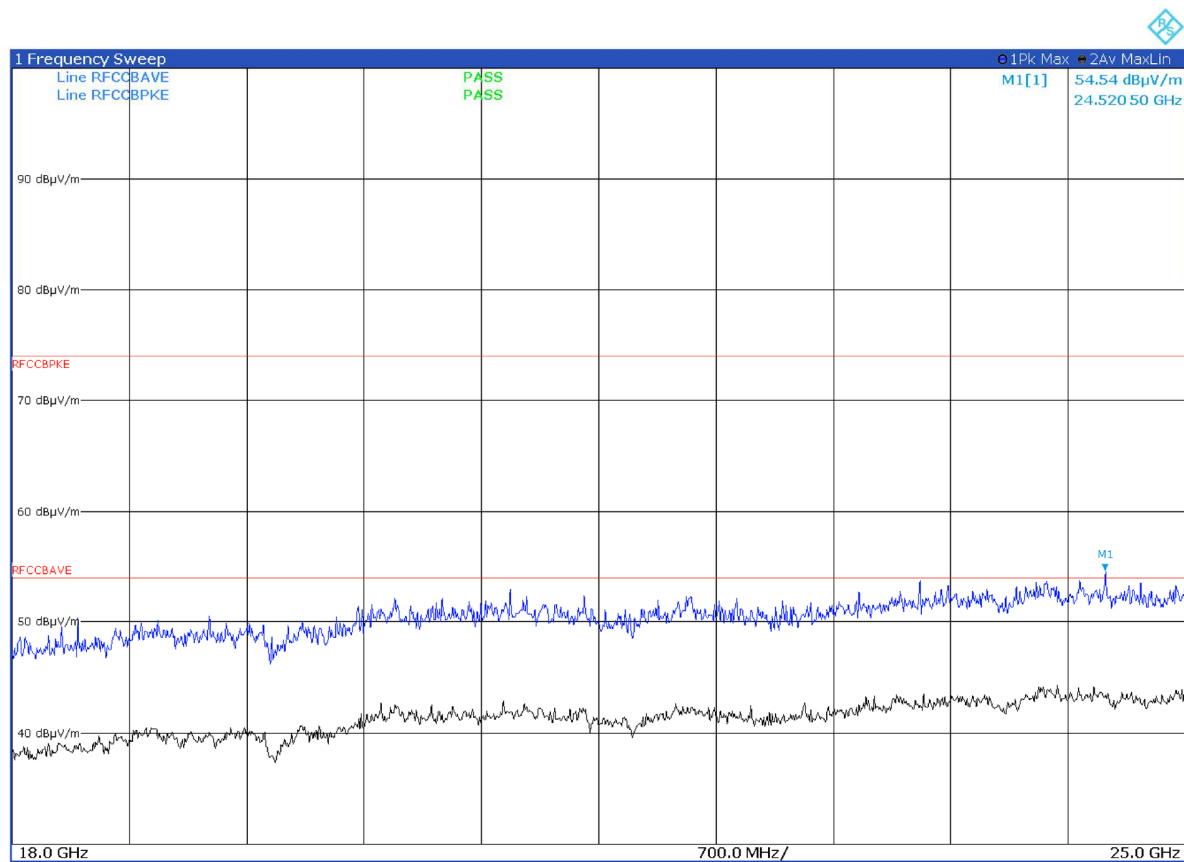
Peak level under the average limit – no additional measures need

Figure 8.6-75: Radiated spurious emissions on high channel with antenna in horizontal polarization – EUT in horizontal position



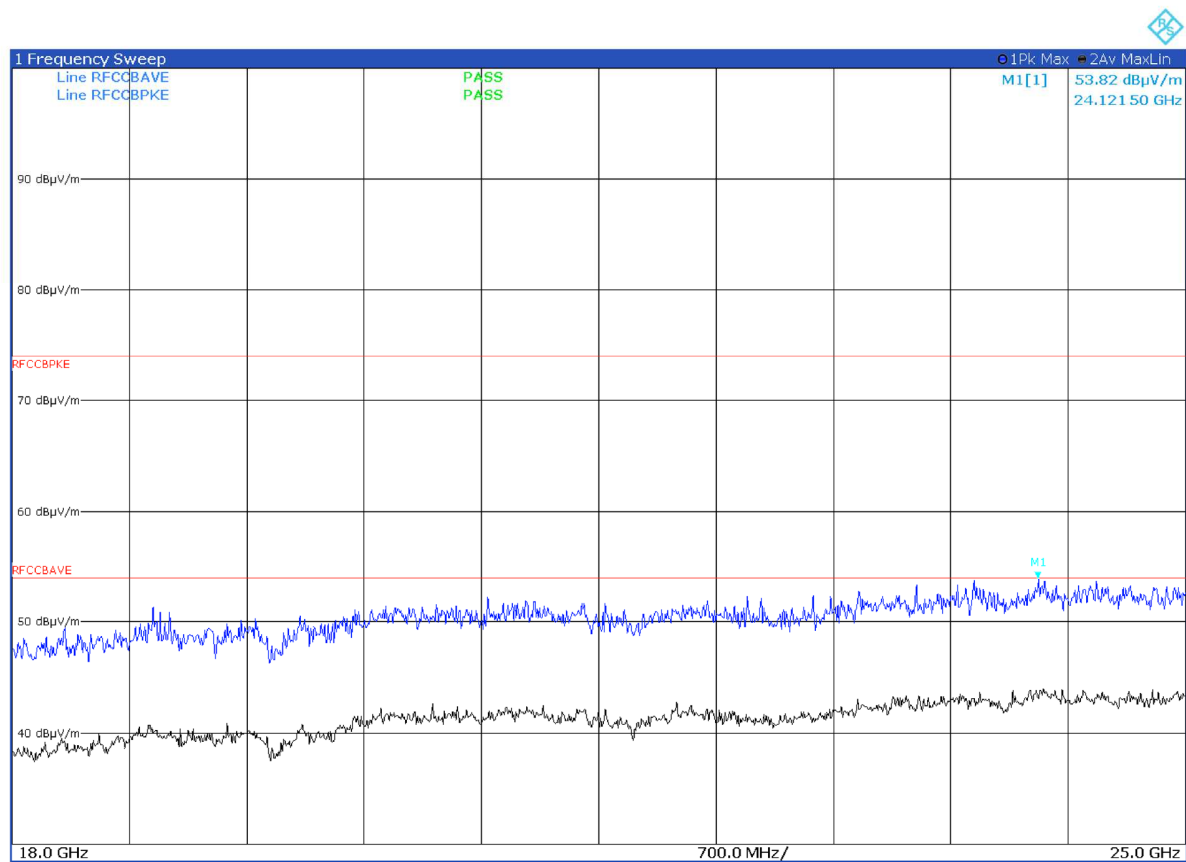
Peak level under the average limit – no additional measures need

Figure 8.6-76: Radiated spurious emissions on high channel with antenna in vertical polarization – EUT in horizontal position



Peak level under the average limit – no additional measures need

Figure 8.6-77: Radiated spurious emissions on high channel with antenna in horizontal polarization – EUT in horizontal position



Peak level under the average limit – no additional measures need

Figure 8.6-78: Radiated spurious emissions on high channel with antenna in vertical polarization – EUT in horizontal position

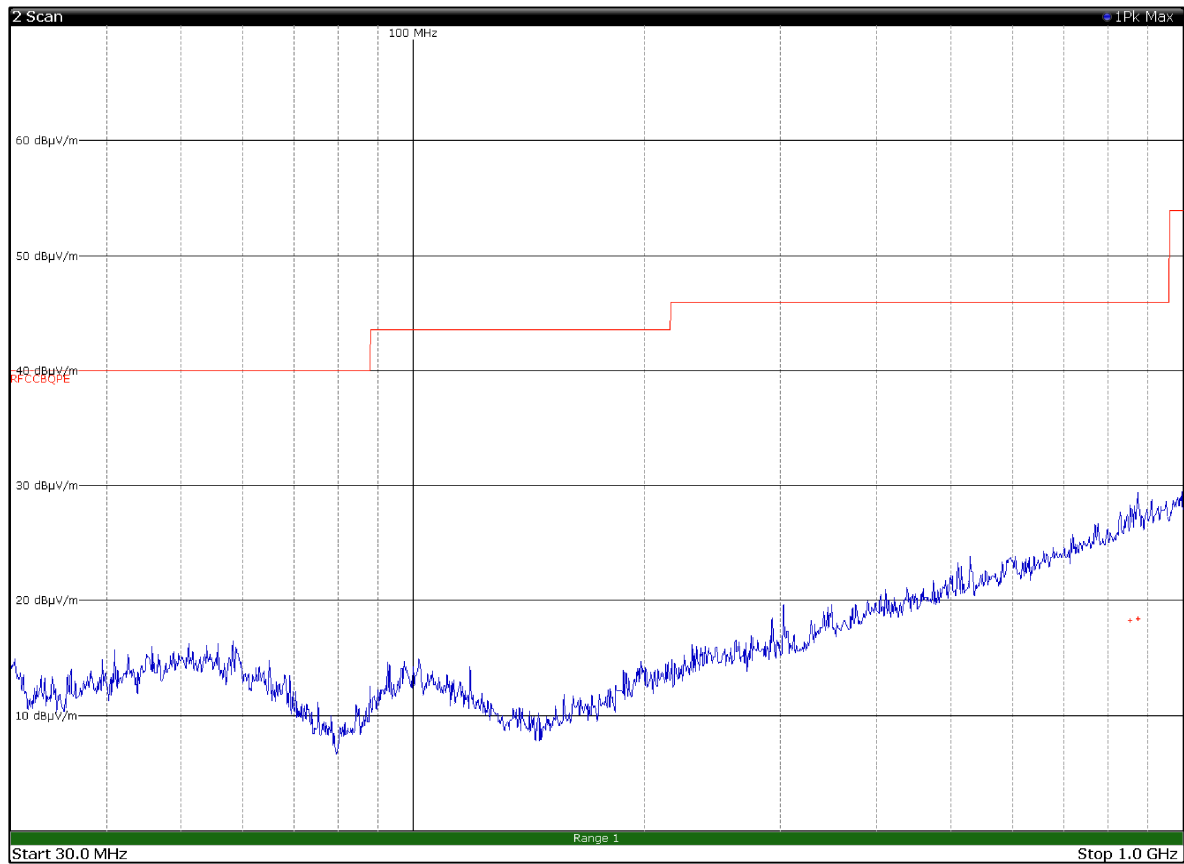


Figure 8.6-79: Radiated spurious emissions on low channel with antenna in horizontal polarization – EUT in vertical position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
853.7700	18.3	46.0	-27.7	QP
874.0200	18.5	46.0	-27.5	QP
Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.				

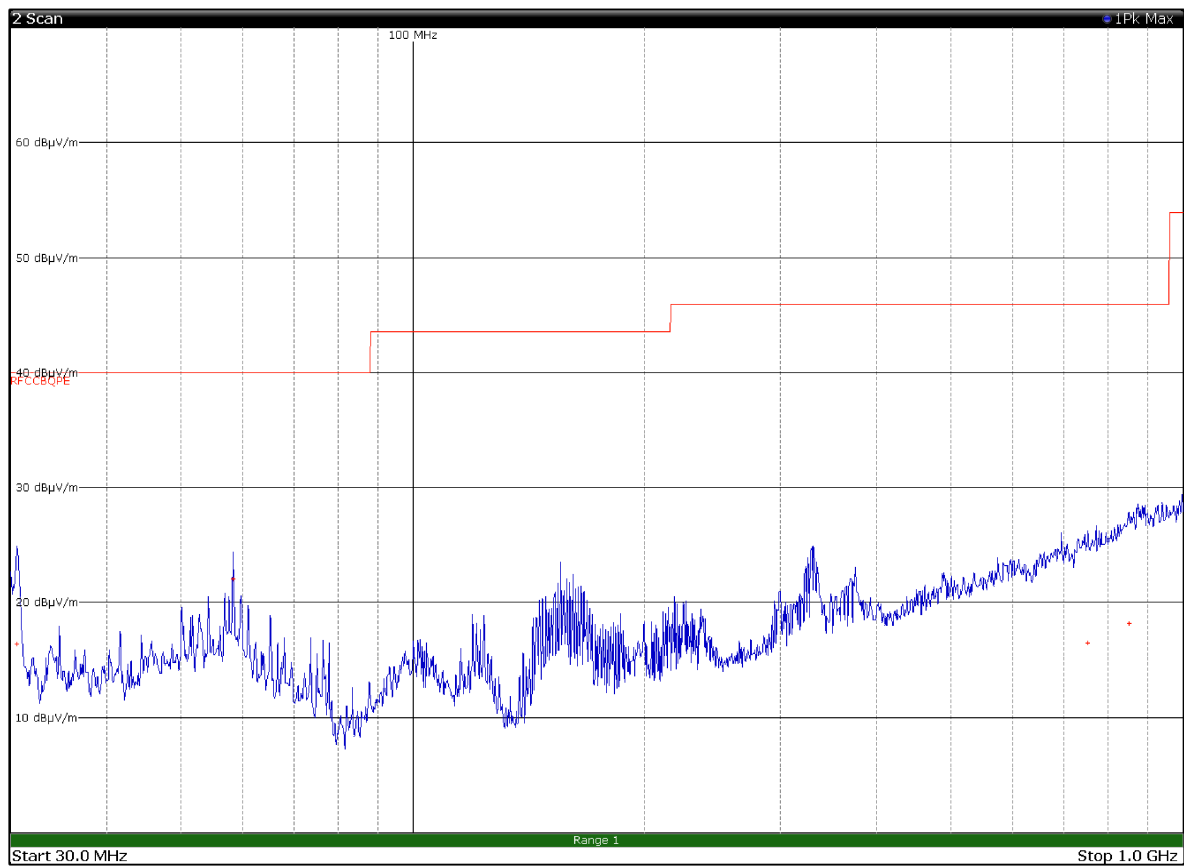
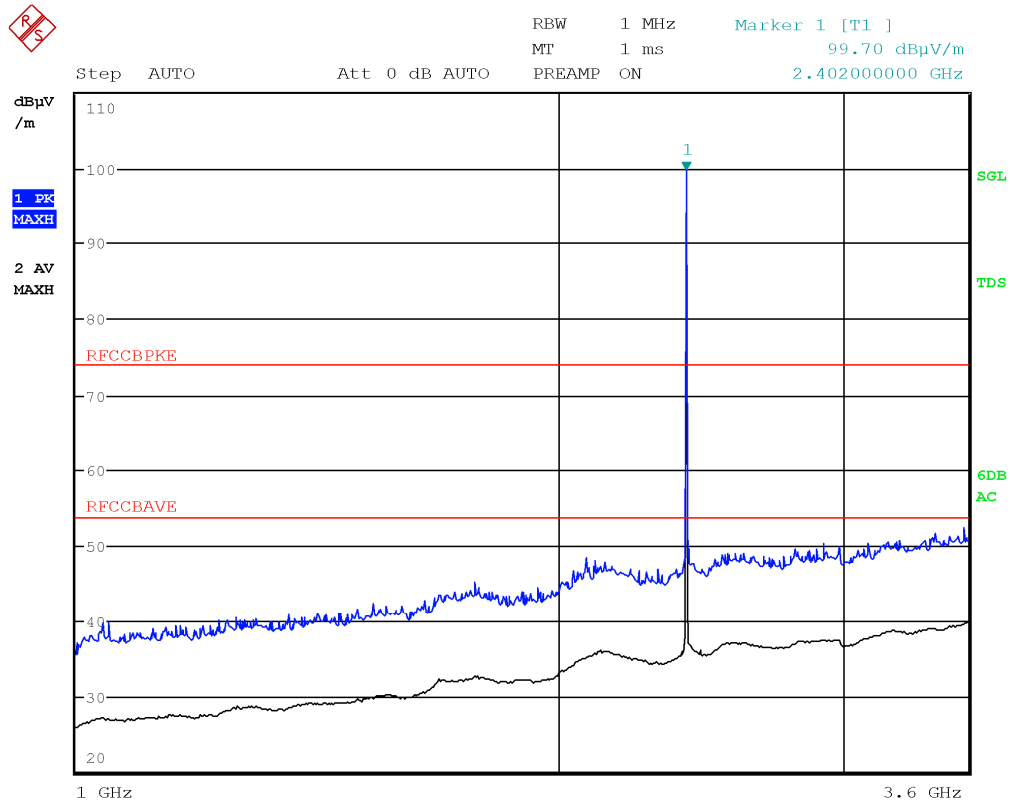


Figure 8.6-80: Radiated spurious emissions on low channel with antenna in vertical polarization – EUT in vertical position

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
30.5700	16.5	40.0	-23.5	QP
58.3200	22.1	40.0	-17.9	QP
752.6100	16.6	46.0	-29.4	QP
850.2300	18.2	46.0	-27.8	QP

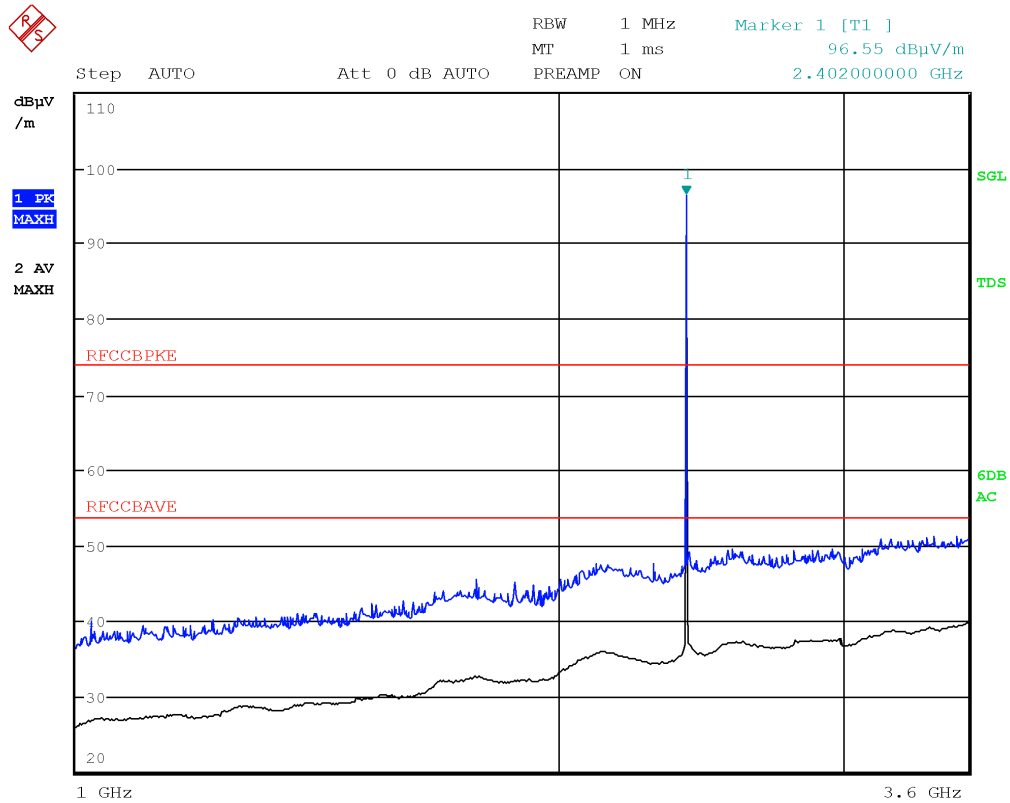
Notes: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.



Peak level under the average limit – no additional measures need

Limit exceeded by the carrier

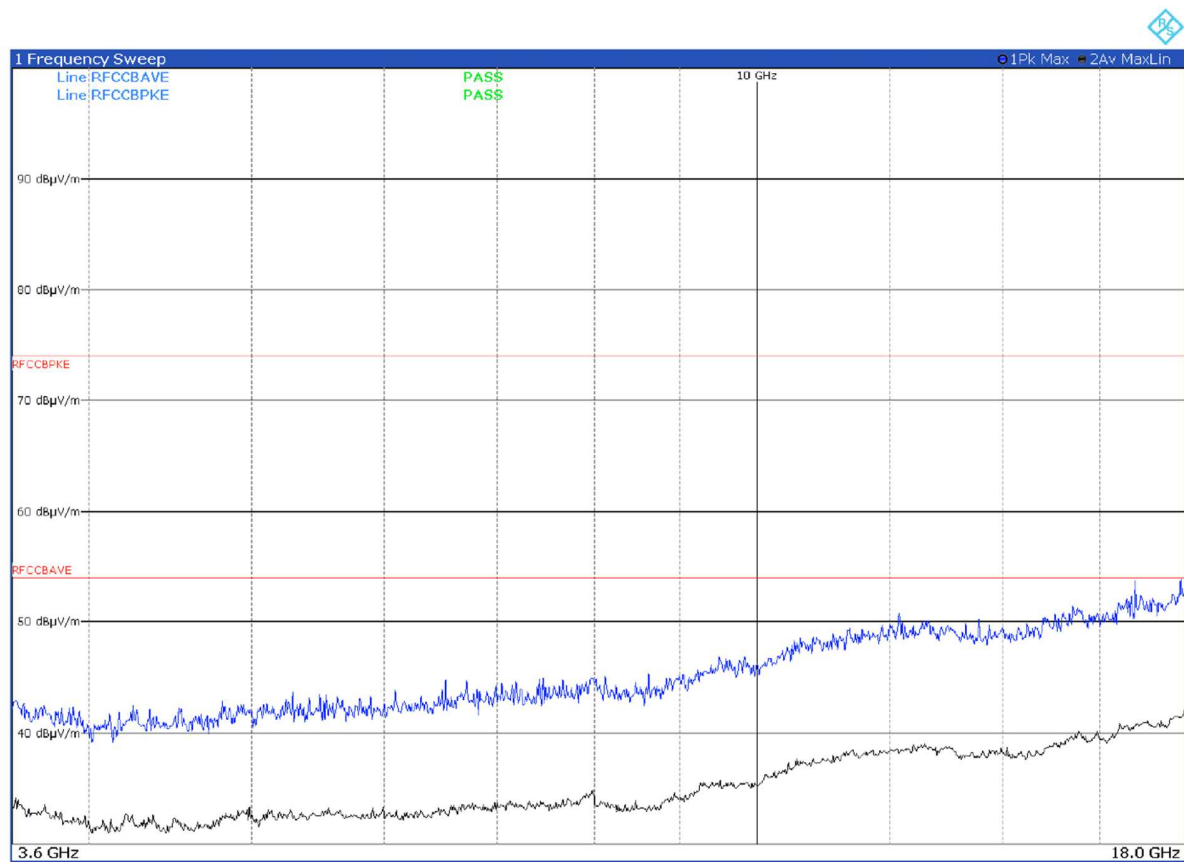
Figure 8.6-81: Radiated spurious emissions on low channel with antenna in horizontal polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

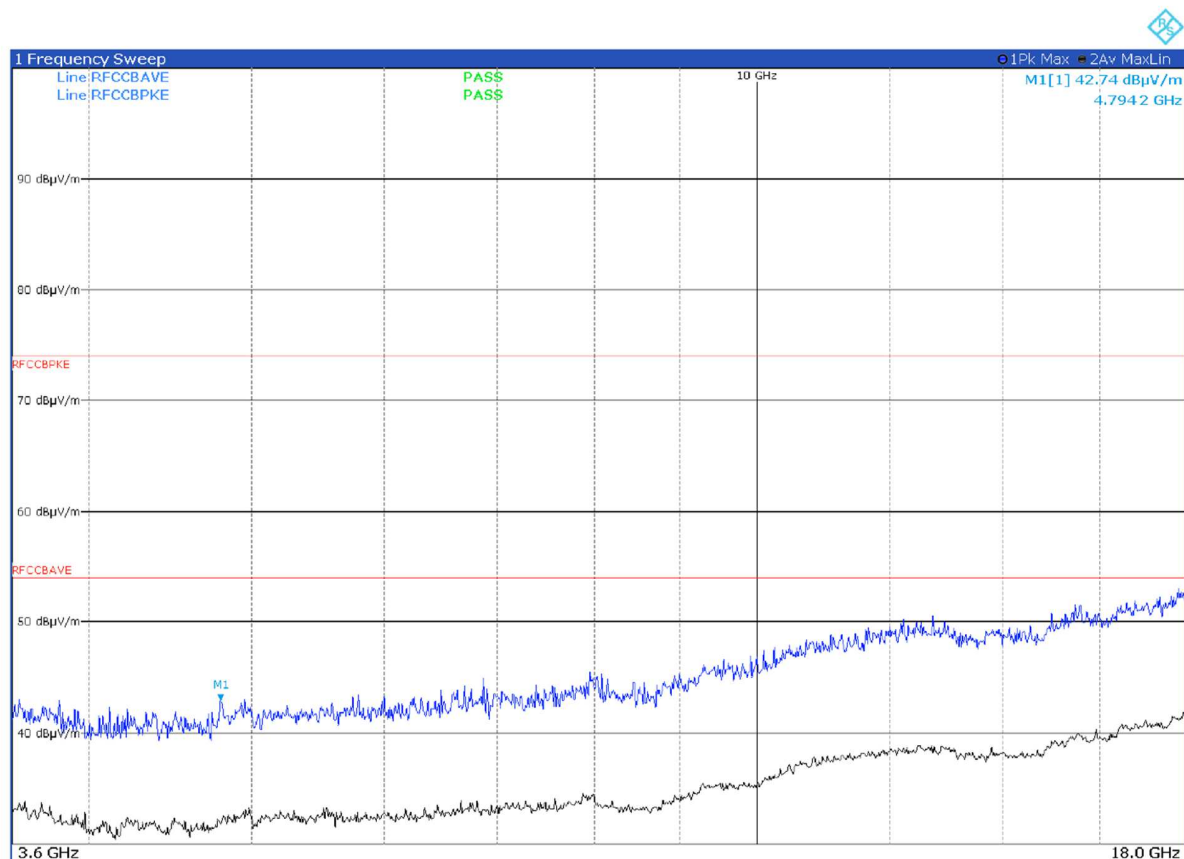
Limit exceeded by the carrier

Figure 8.6-82: Radiated spurious emissions on low channel with antenna in vertical polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

Figure 8.6-83: Radiated spurious emissions on low channel with antenna in horizontal polarization – EUT in vertical position



Peak level under the average limit – no additional measures need

Figure 8.6-84: Radiated spurious emissions on low channel with antenna in vertical polarization – EUT in vertical position