



## Appendix F

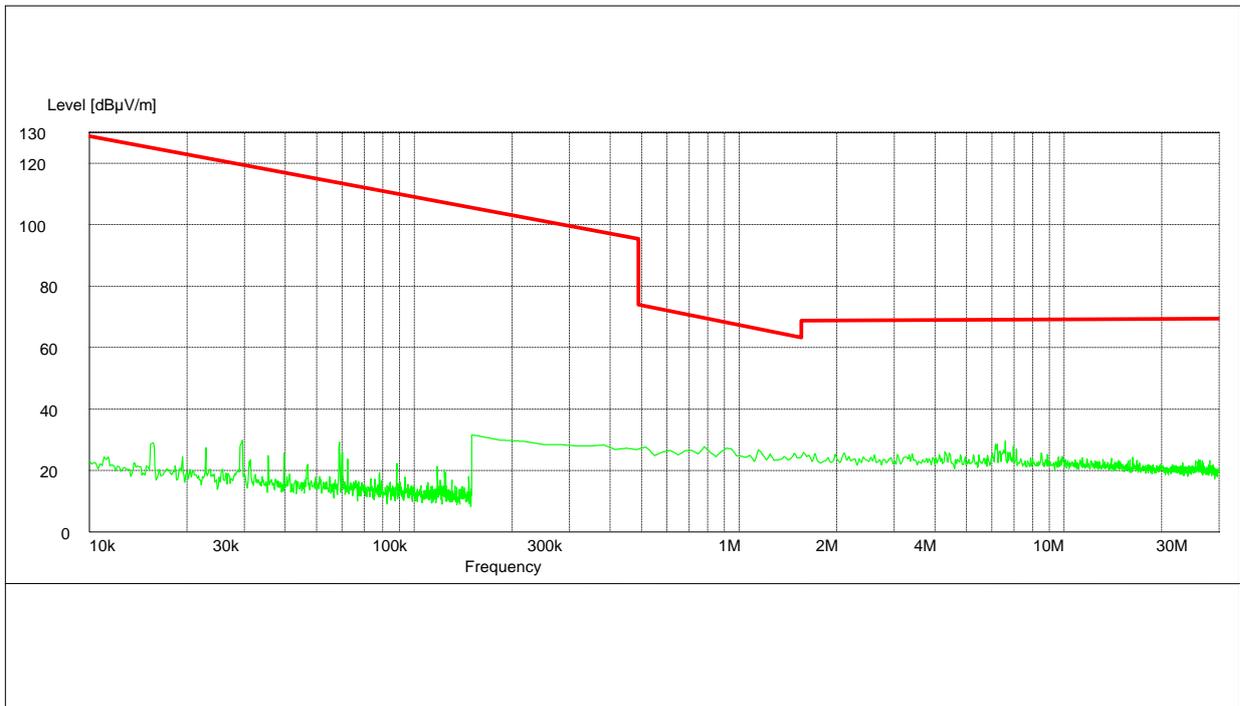
# Radiated spurious emission & spurious in restricted band

According to FCC Part 15.247 (d) & 15.205 & 15.209



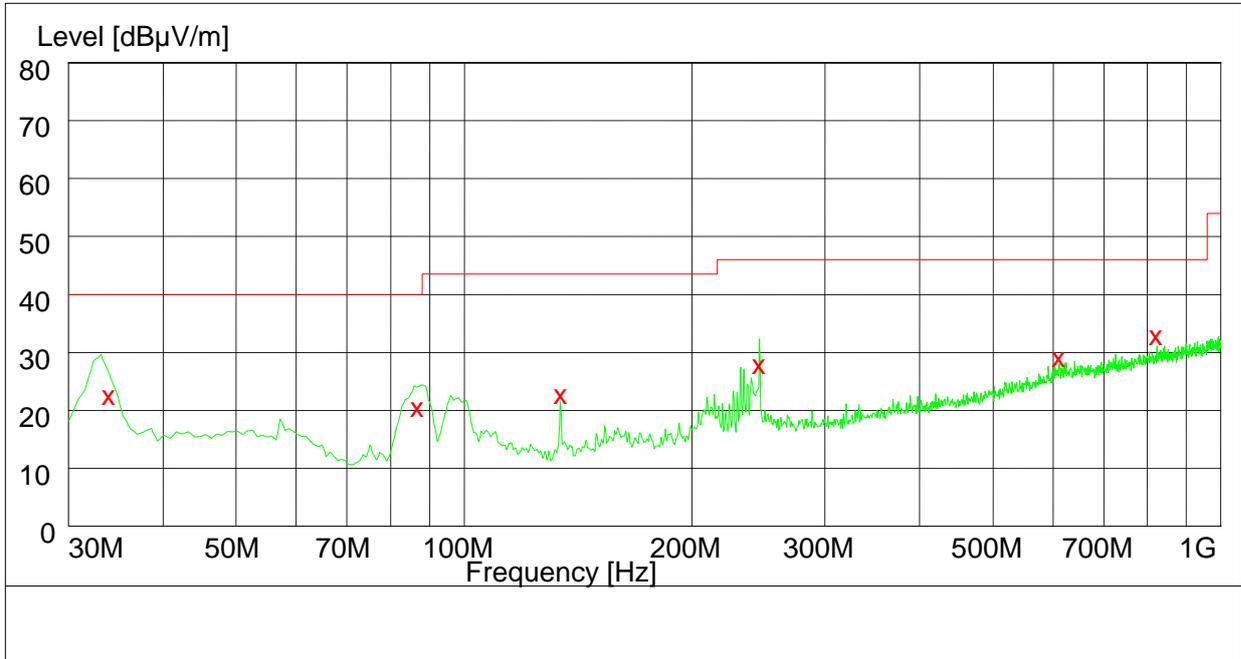
Note: This test was carried out in all the test modes, here only the worst test result was shown.

## Channel 1 10kHz to 30MHz





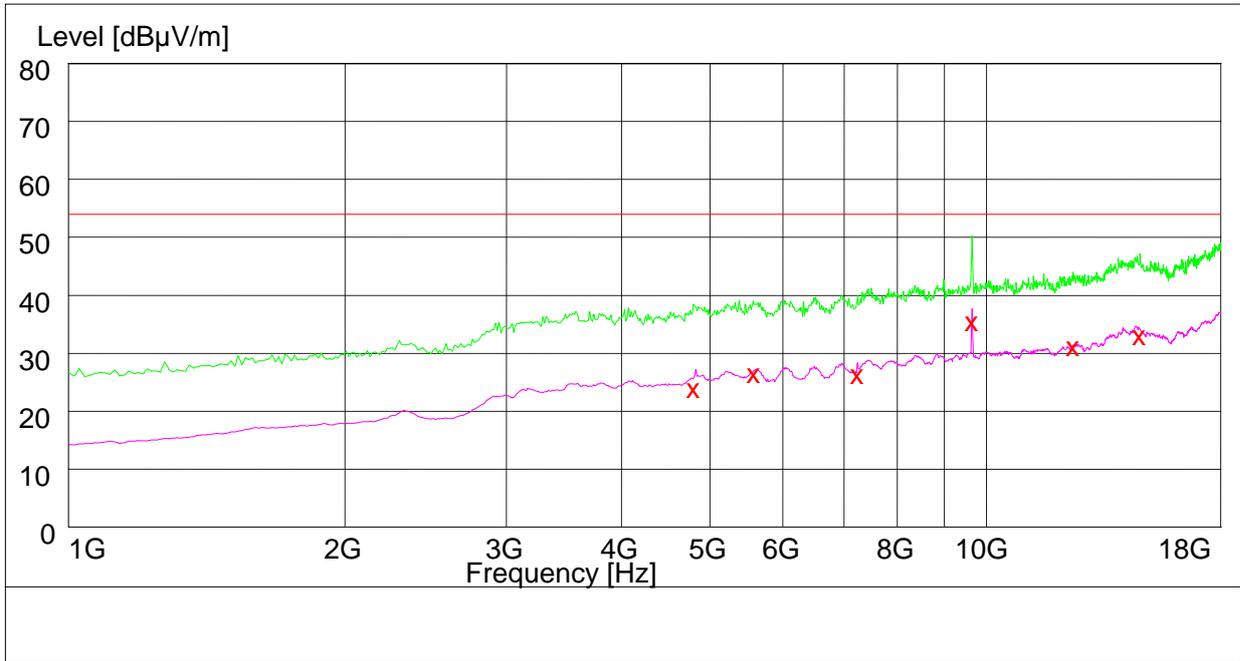
## 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
33.944000	22.60	11.7	40.0	17.4	101.0	175.00	VERTICAL
86.944000	21.80	10.8	40.0	18.2	130.0	67.00	VERTICAL
134.404000	23.00	9.0	43.5	20.5	100.0	126.00	VERTICAL
245.788000	29.20	14.1	46.0	16.8	145.0	0.00	VERTICAL
611.580000	30.40	22.6	46.0	15.6	200.0	268.00	VERTICAL
822.652000	33.00	25.1	46.0	13.0	200.0	6.00	VERTICAL



# 1GHz to 18GHz



Note: Signal suppressed with a 2.4 GHz band rejection filter

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
4799.900000	25.20	-4.1	54.0	28.8	100.0	73.00	HORIZONTAL
5576.600000	26.60	-2.3	54.0	27.4	100.0	0.00	HORIZONTAL
7235.400000	27.50	0.6	54.0	26.5	198.0	96.00	VERTICAL
9647.100000	36.70	5.2	54.0	17.3	110.0	53.00	VERTICAL
12422.000000	30.90	7.9	54.0	23.1	198.0	333.00	HORIZONTAL
14689.200000	33.70	11.8	54.0	20.3	200.0	72.00	VERTICAL



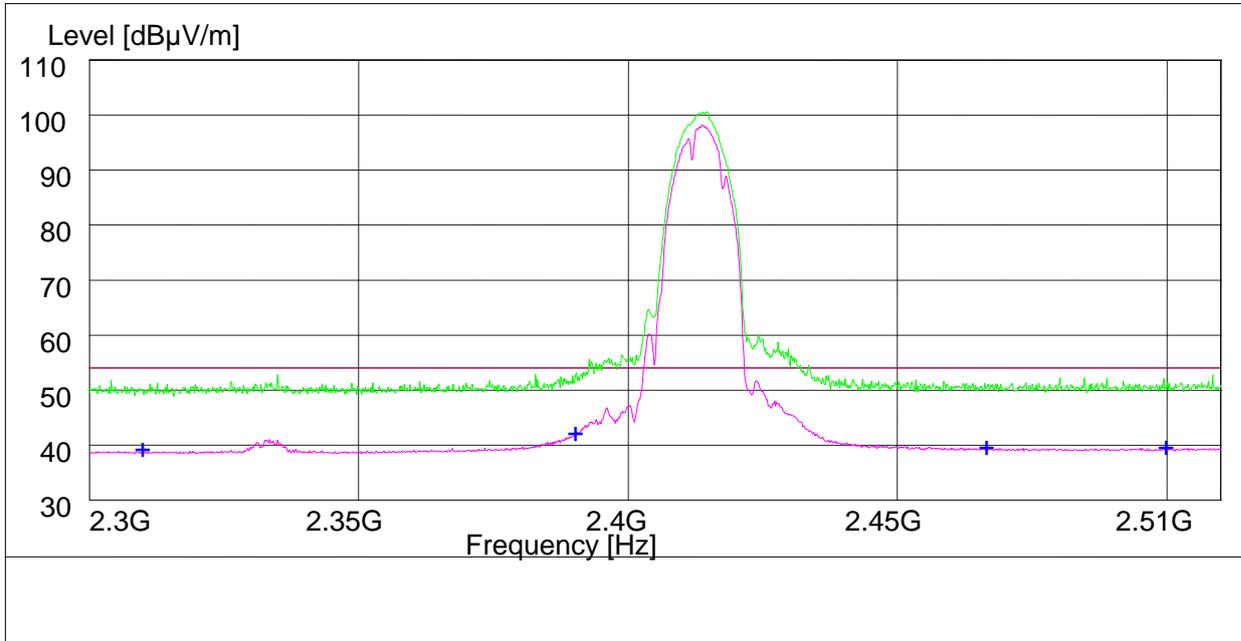
---

# 18GHz to 26GHz

Note: No peak found in pre- test.



## 2GHz to 3GHz



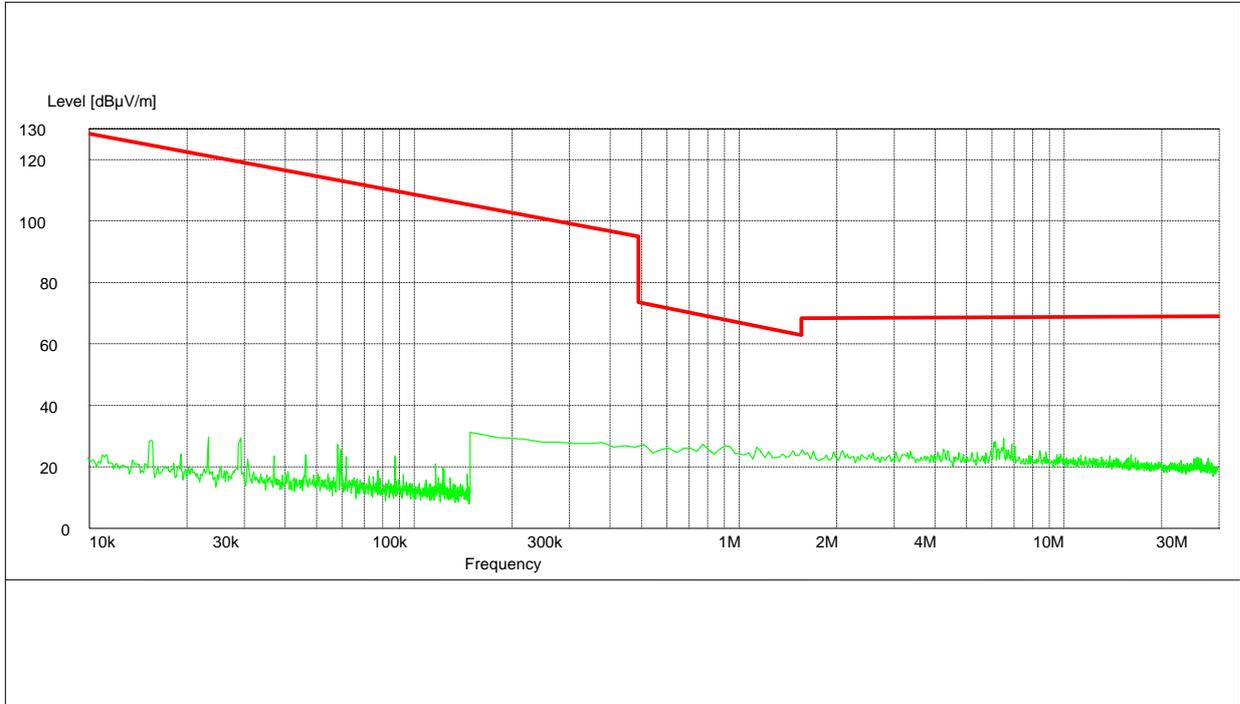
Note: The peak exceeds the limit line is carrier frequency.

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	39.50	33.3	54.0	14.5	103.0	273.00	HORIZONTAL
2390.000000	41.60	33.5	54.0	12.4	100.0	123.00	VERTICAL
2483.500000	40.70	33.7	54.0	13.3	104.0	144.00	VERTICAL
2500.000000	40.80	33.8	54.0	13.2	114.0	204.00	HORIZONTAL



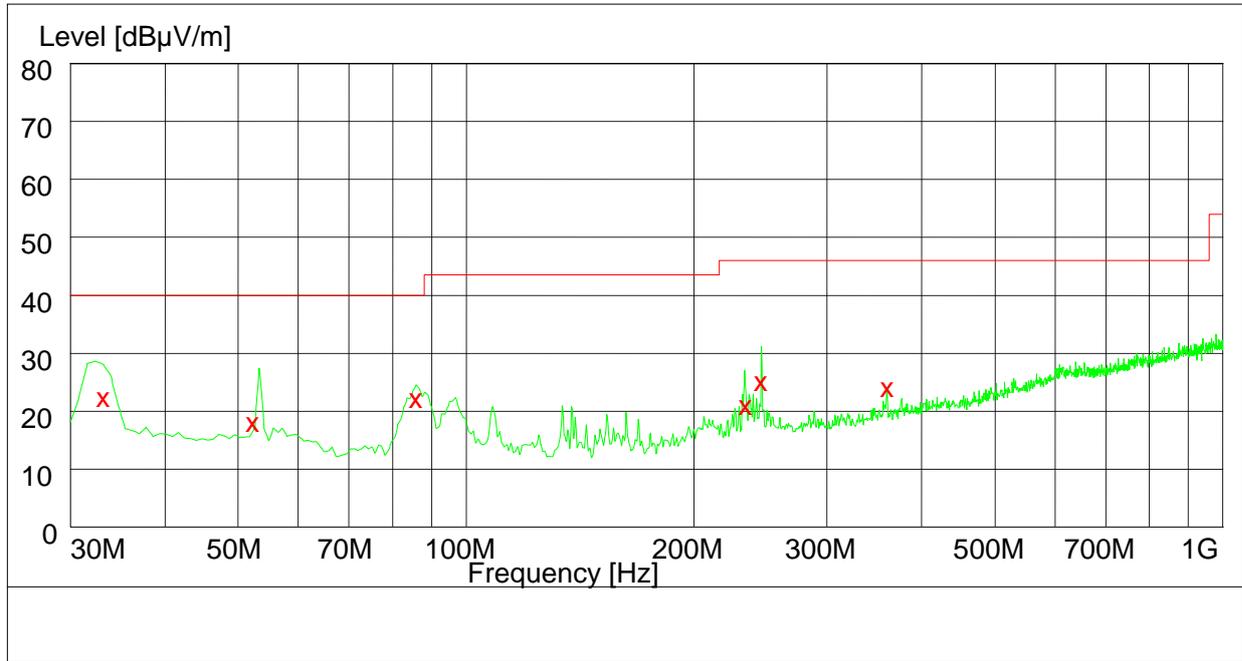
# Channel 6

## 10 kHz to 30MHz





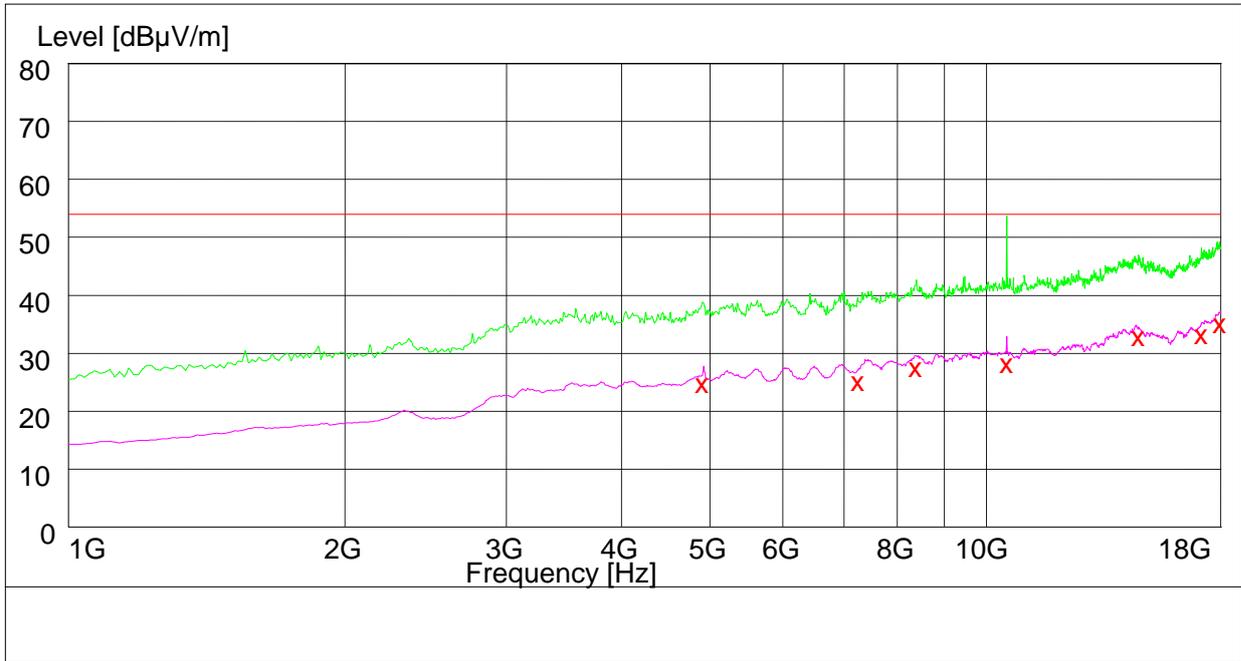
## 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.228000	22.30	11.7	40.0	17.7	119.0	338.00	VERTICAL
52.380000	19.30	12.7	40.0	20.7	103.0	352.00	VERTICAL
85.992000	22.50	10.5	40.0	17.5	134.0	113.00	HORIZONTAL
234.212000	21.40	13.7	46.0	24.6	103.0	18.00	VERTICAL
245.728000	25.40	14.1	46.0	20.6	100.0	349.00	VERTICAL
360.700000	24.40	17.4	46.0	21.6	103.0	1.00	HORIZONTAL



# 1GHz to 18GHz



Note: Signal suppressed with a 2.4 GHz band rejection filter

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
4904.700000	26.00	-3.9	54.0	28.0	100.0	72.00	VERTICAL
7247.900000	26.40	0.6	54.0	27.6	165.0	170.00	VERTICAL
8377.300000	28.70	2.9	54.0	25.3	100.0	42.00	HORIZONTAL
10518.500000	29.50	5.7	54.0	24.5	180.0	1.00	VERTICAL
14653.400000	34.00	11.9	54.0	20.0	100.0	64.00	HORIZONTAL
17147.700000	34.50	13.5	54.0	19.5	178.0	346.00	VERTICAL



---

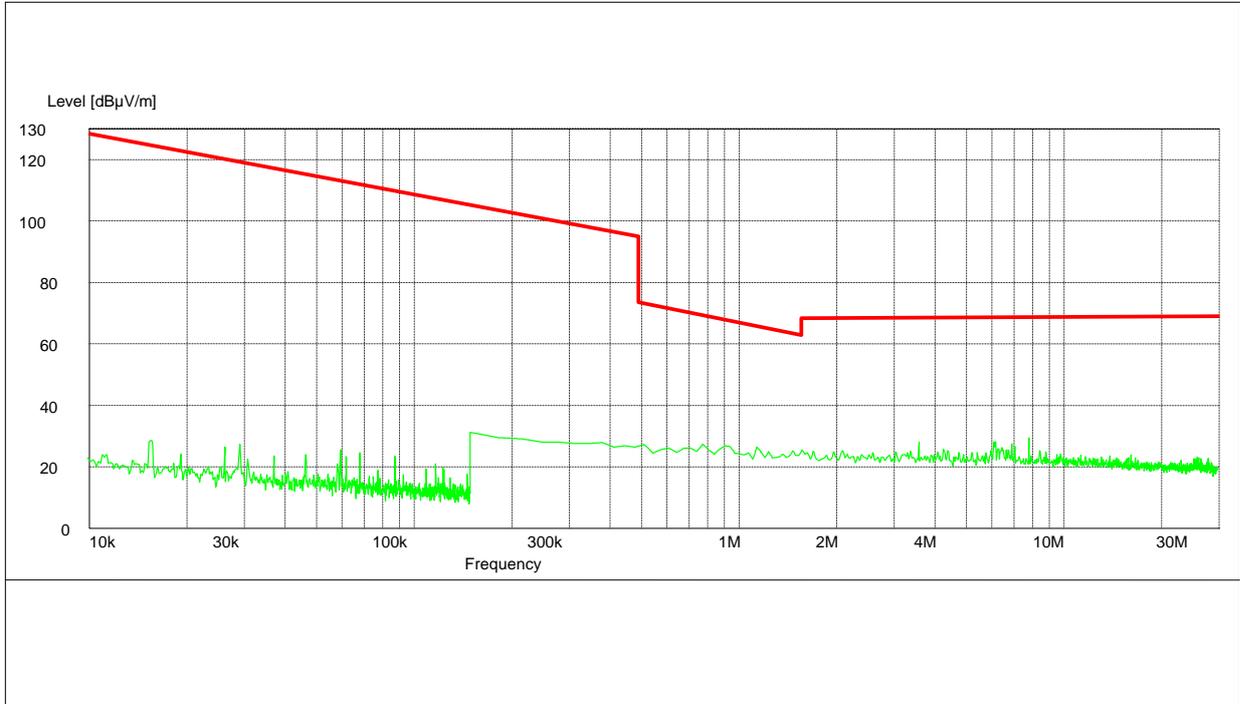
# 18GHz to 26GHz

Note: No peak found in pre- test.



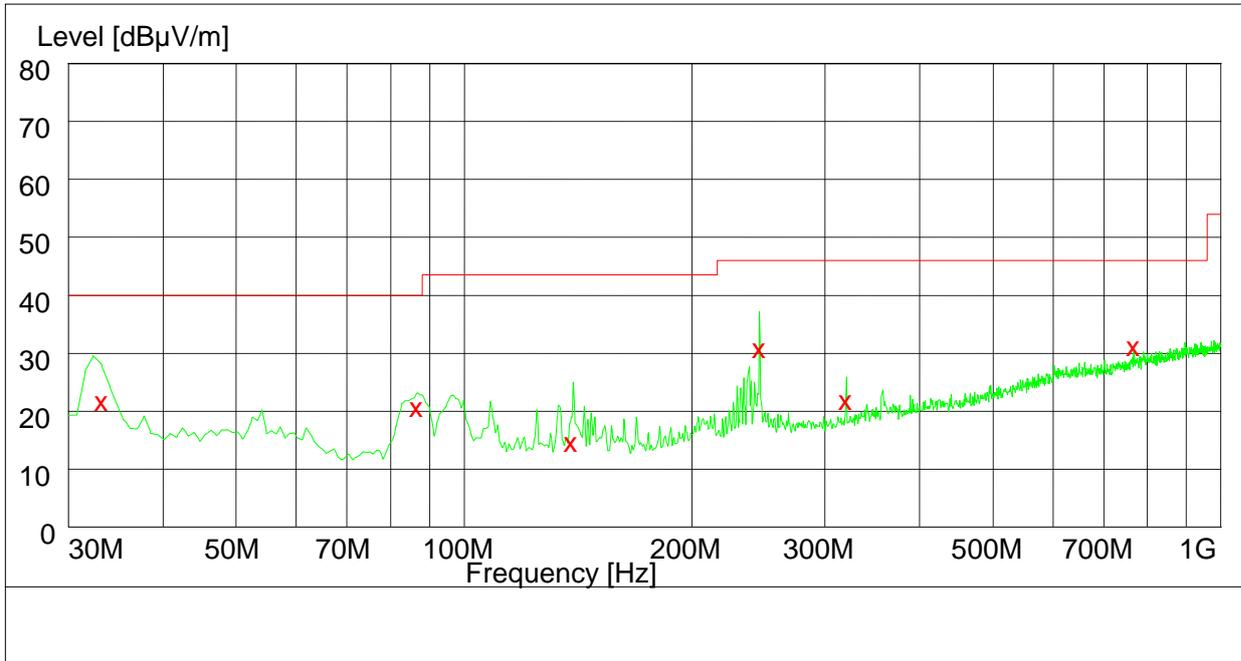
# Channel 11

## 10 kHz to 30 MHz





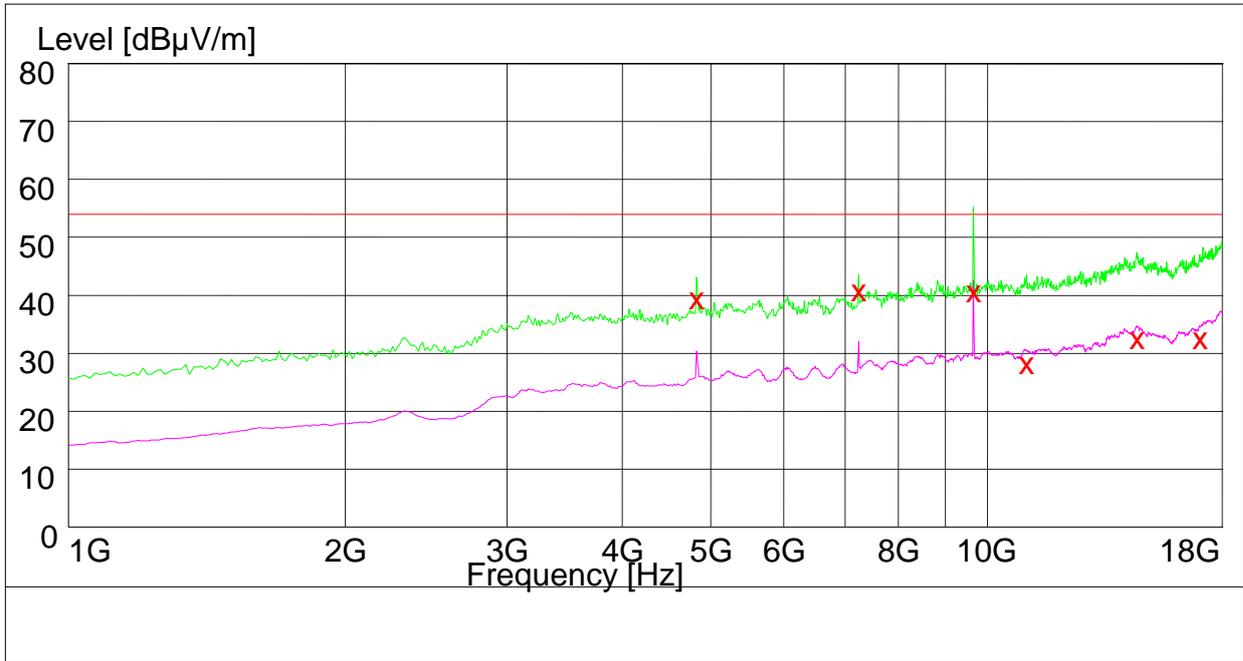
## 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.228000	22.90	11.7	40.0	17.1	112.0	198.00	HORIZONTAL
86.524000	21.90	10.7	40.0	18.1	138.0	109.00	VERTICAL
138.636000	15.90	8.8	43.5	27.6	100.0	0.00	HORIZONTAL
245.728000	32.00	14.1	46.0	14.0	100.0	98.00	VERTICAL
319.324000	23.00	16.0	46.0	23.0	100.0	218.00	HORIZONTAL
766.840000	32.30	24.3	46.0	13.7	193.0	1.00	VERTICAL



# 1GHz to 18GHz



Note: Signal suppressed with a 2.4 GHz band rejection filter

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
4824.100000	41.10	-4.1	54.0	12.9	107.0	41.00	HORIZONTAL
7237.400000	42.40	0.6	54.0	11.6	166.0	66.00	VERTICAL
9648.100000	40.70	5.2	54.0	13.3	100.0	69.00	HORIZONTAL
11018.700000	29.90	6.8	54.0	24.1	153.0	282.00	VERTICAL
14539.000000	34.20	12.3	54.0	19.8	105.0	180.00	VERTICAL
17020.800000	34.20	13.2	54.0	19.8	152.0	38.00	HORIZONTAL



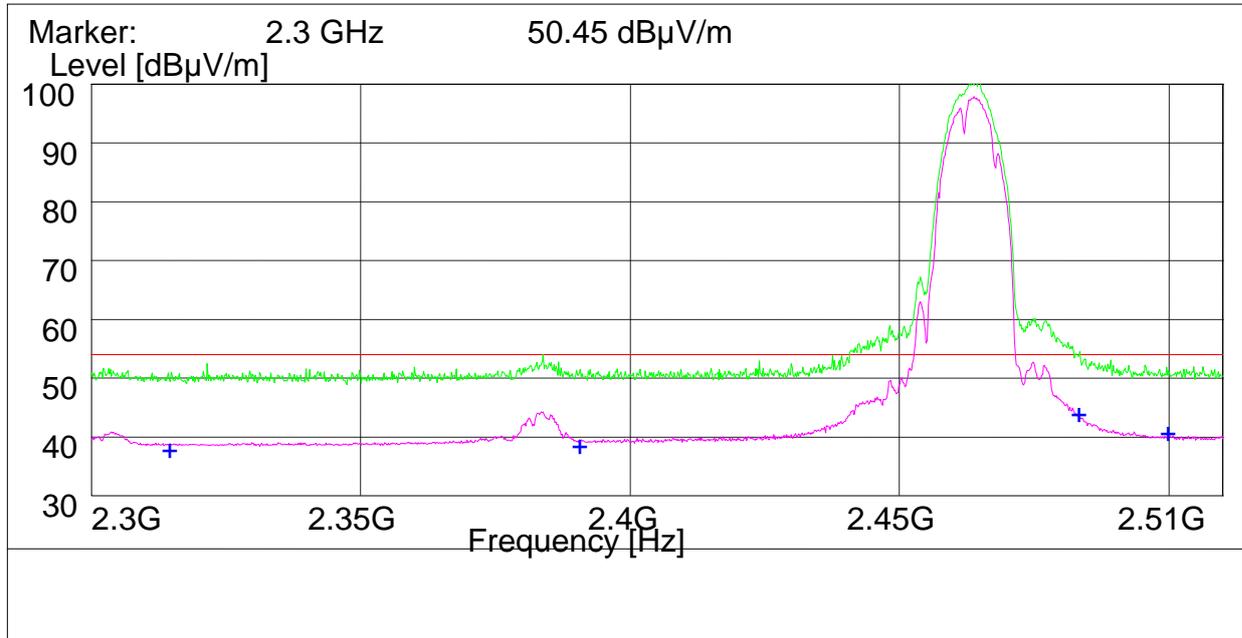
---

# 18GHz to 26GHz

Note: No peak found in pre- test.



## 2GHz to 3GHz



Note: The peak exceeds the limit line is carrier frequency.

Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	39.50	33.3	54.0	14.5	121.0	216.00	HORIZONTAL
2390.000000	39.60	33.5	54.0	14.4	104.0	205.00	VERTICAL
2483.500000	43.80	33.7	54.0	10.2	141.0	116.00	HORIZONTAL
2500.000000	40.50	33.8	54.0	13.5	174.0	215.00	VERTICAL