



## **Appendix F**

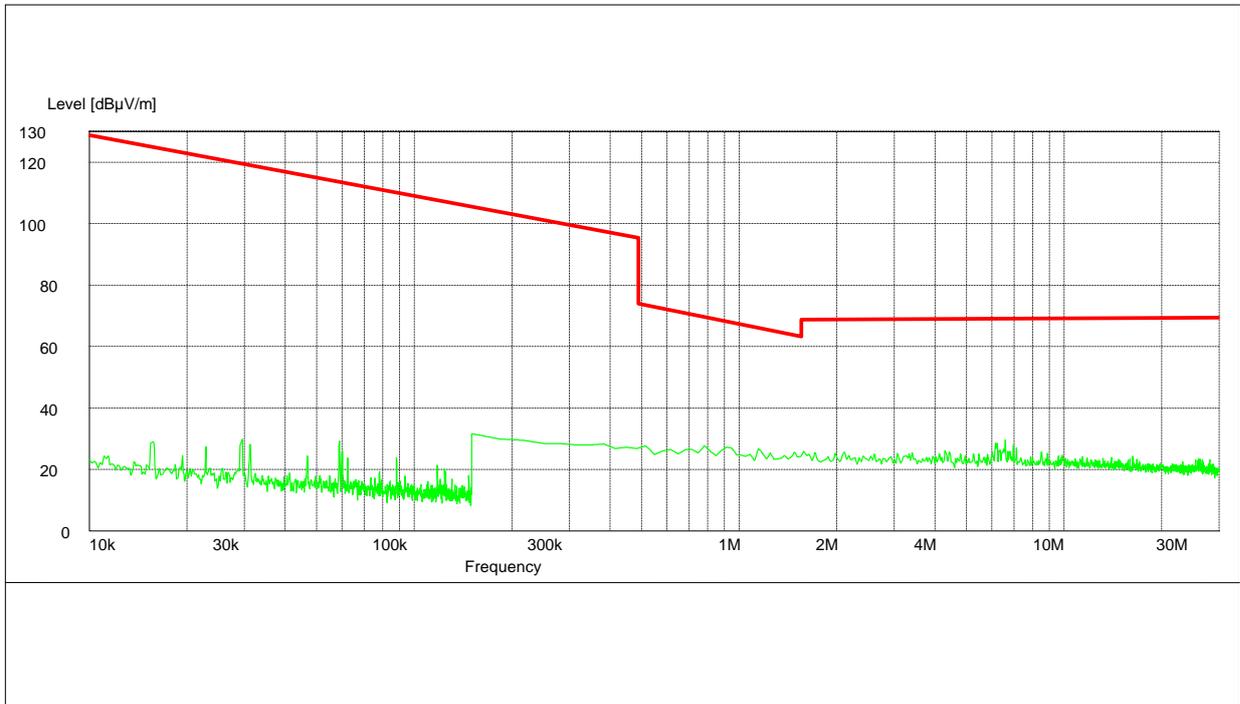
# Radiated spurious emission & spurious in restricted band

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



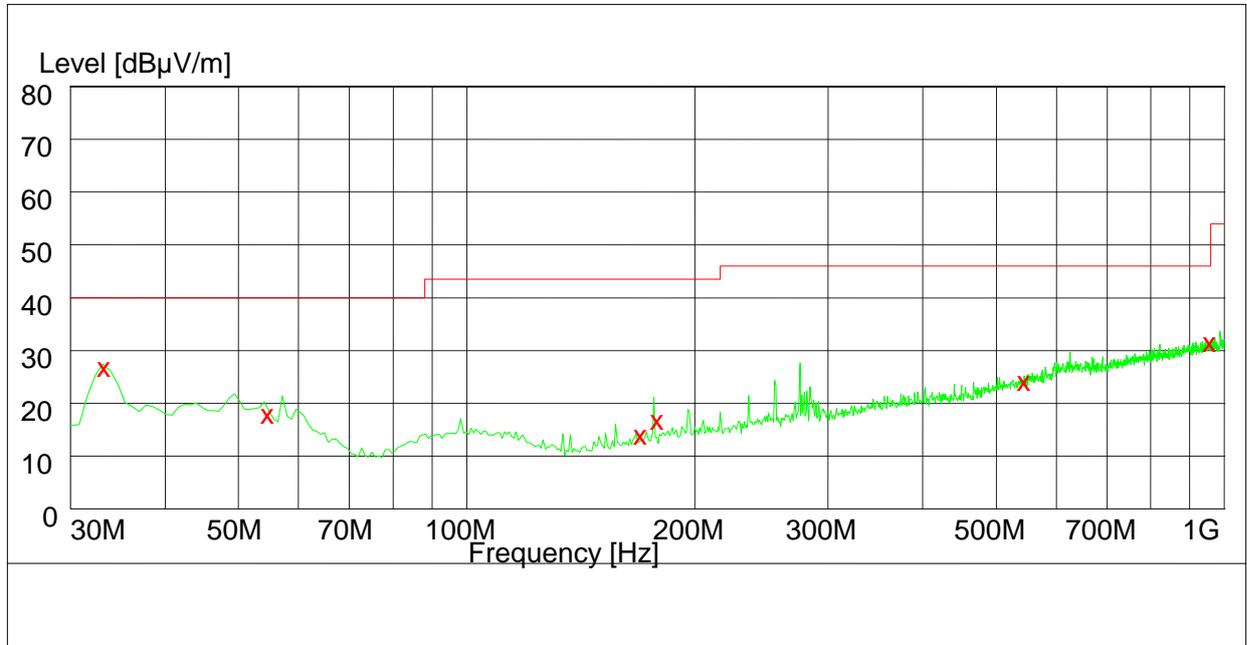
Note: This test was carried out in all the test modes, here only the worst test result was shown.

## Channel 1 10kHz to 30MHz





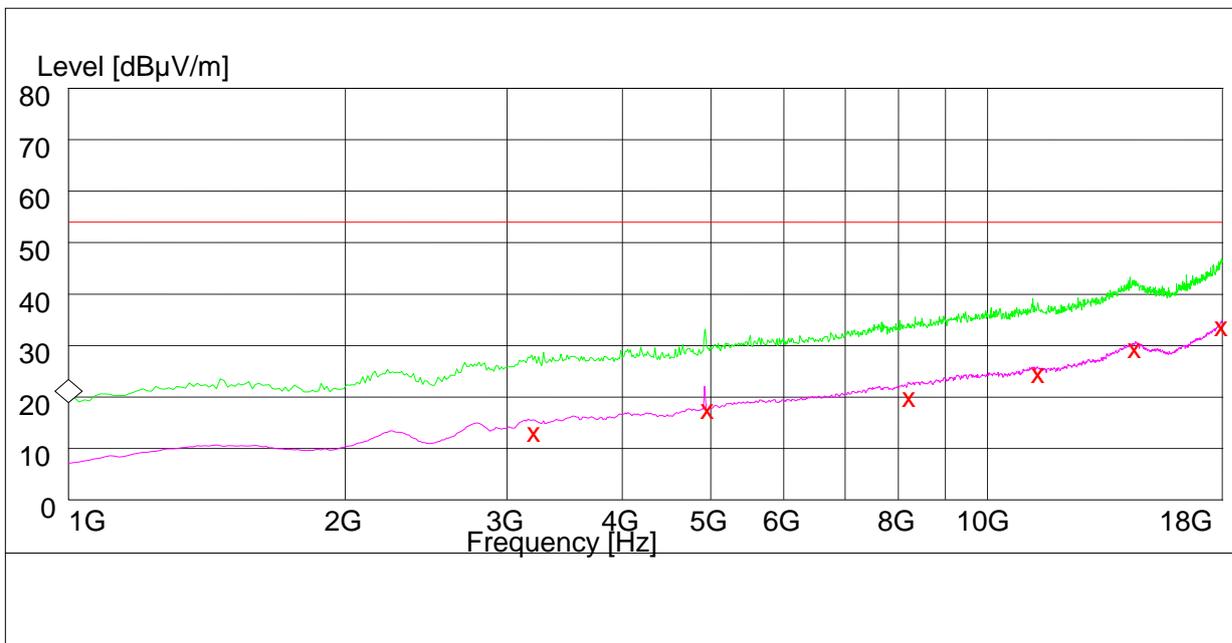
## 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
33.284000	28.30	11.7	40.0	11.7	100.0	27.00	VERTICAL
54.712000	19.50	12.7	40.0	20.5	200.0	193.00	VERTICAL
169.676000	15.40	10.0	43.5	28.1	105.0	209.00	VERTICAL
178.512000	18.40	10.8	43.5	25.1	100.0	271.00	VERTICAL
544.008000	25.60	21.3	46.0	20.4	200.0	42.00	VERTICAL
958.092000	33.00	26.7	46.0	13.0	194.0	195.00	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
3209.700000	14.70	-8.3	54.0	39.3	100.0	288.00	VERTICAL
4955.000000	19.10	-3.7	54.0	34.9	110.0	338.00	HORIZONTAL
8219.100000	21.50	2.6	54.0	32.5	121.0	6.00	VERTICAL
11361.700000	24.70	7.1	54.0	29.3	124.0	135.00	VERTICAL
14470.100000	29.40	12.3	54.0	24.6	145.0	73.00	HORIZONTAL
17960.200000	32.90	17.1	54.0	21.1	128.0	248.00	HORIZONTAL

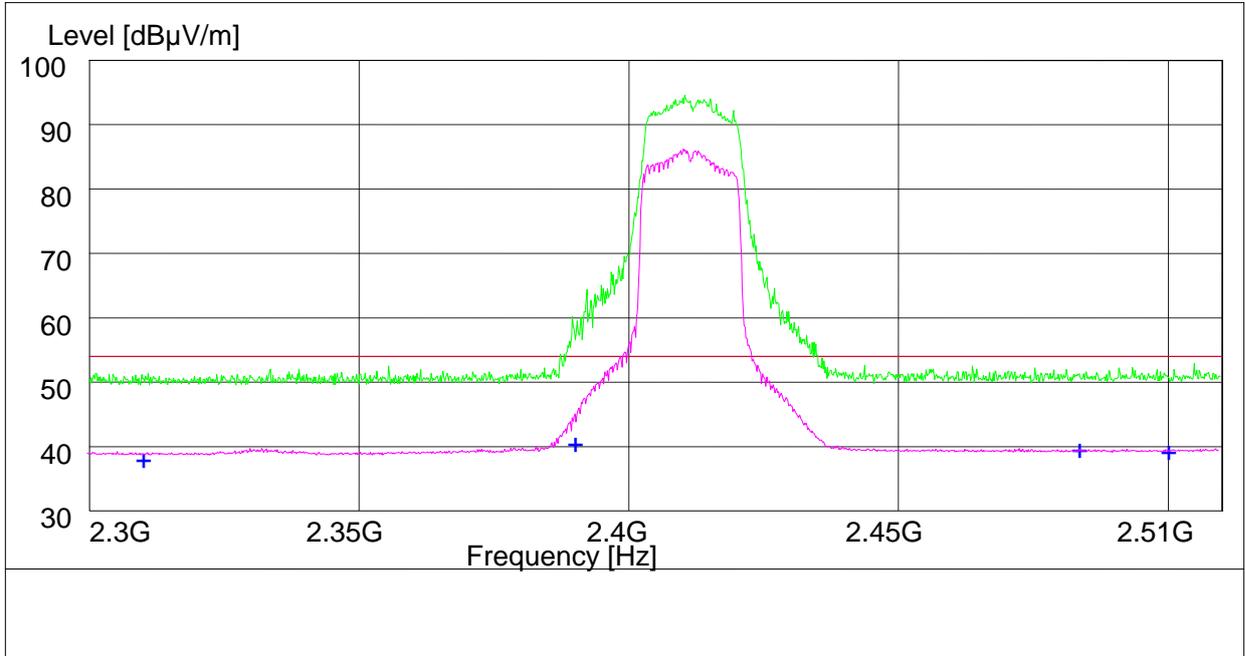


# 18GHz to 26GHz

Note: No peak found in pre- test.



## 2.30GHz to 2.51GHz



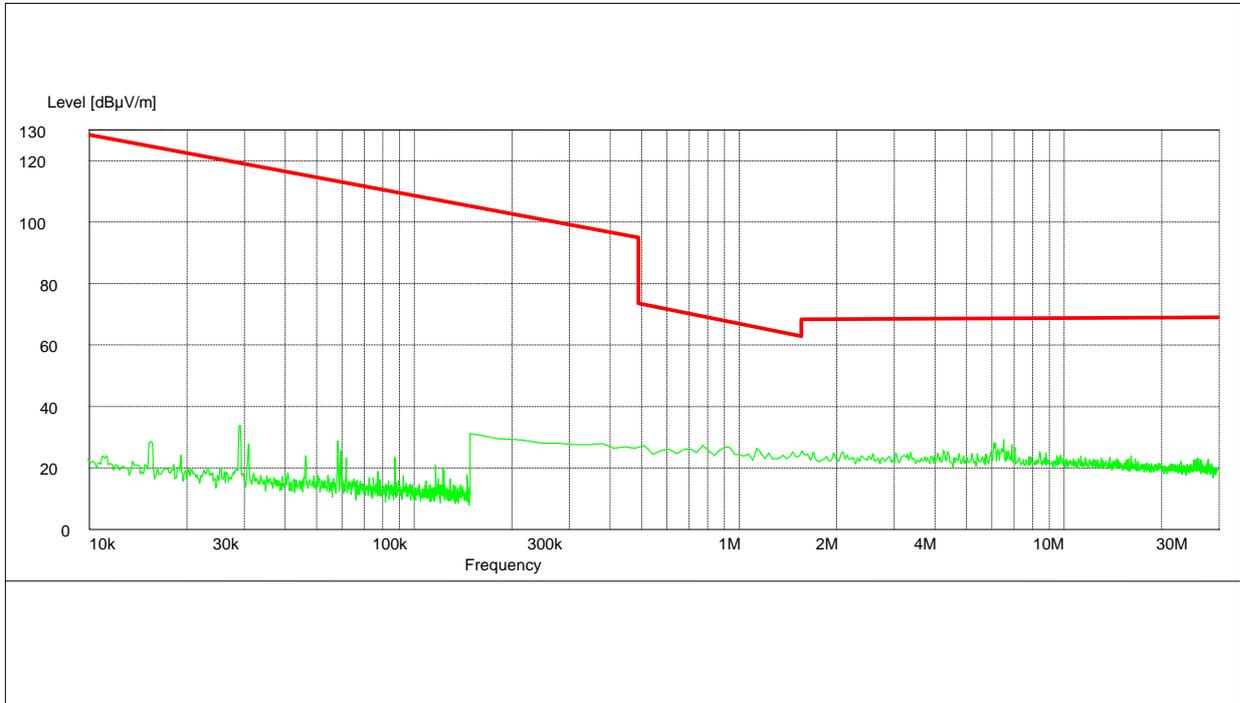
Note: The peak exceeds the limit line is carrier frequency.

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2310.000000	39.00	33.3	54.0	15.0	142.0	223.00	HORIZONTAL
2390.000000	40.40	33.5	54.0	15.6	151.0	353.00	VERTICAL
2483.500000	39.70	33.7	54.0	14.3	107.0	327.00	VERTICAL
2500.000000	39.50	33.8	54.0	14.5	131.0	215.00	HORIZONTAL



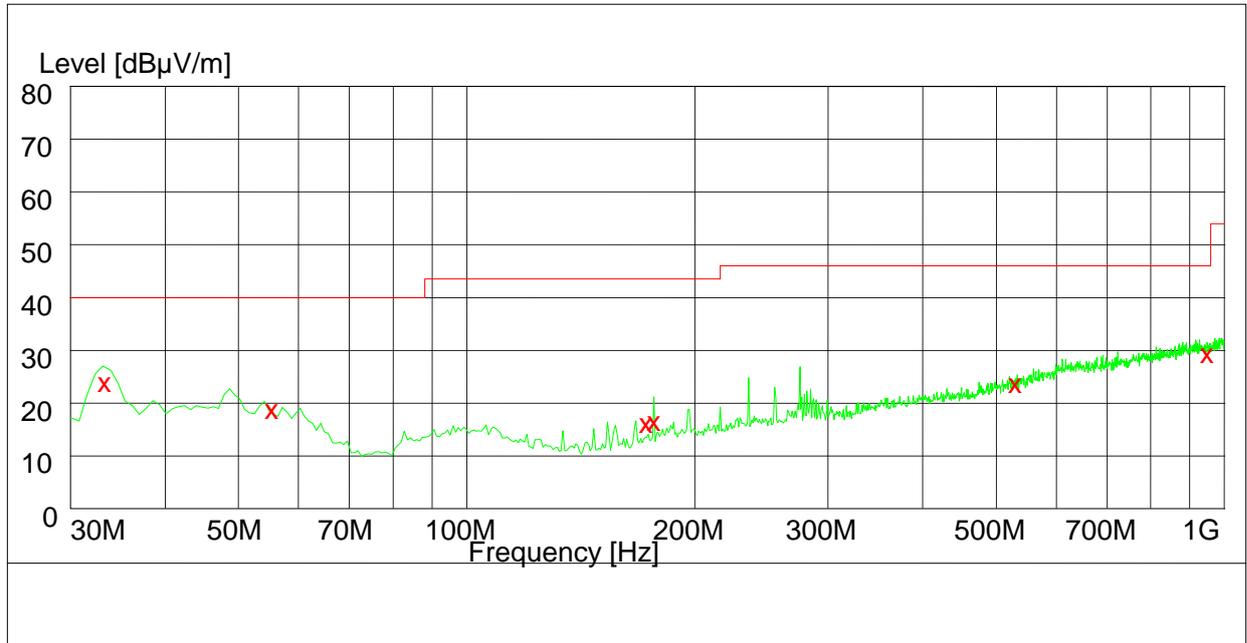
# Channel 6

## 10 kHz to 30MHz





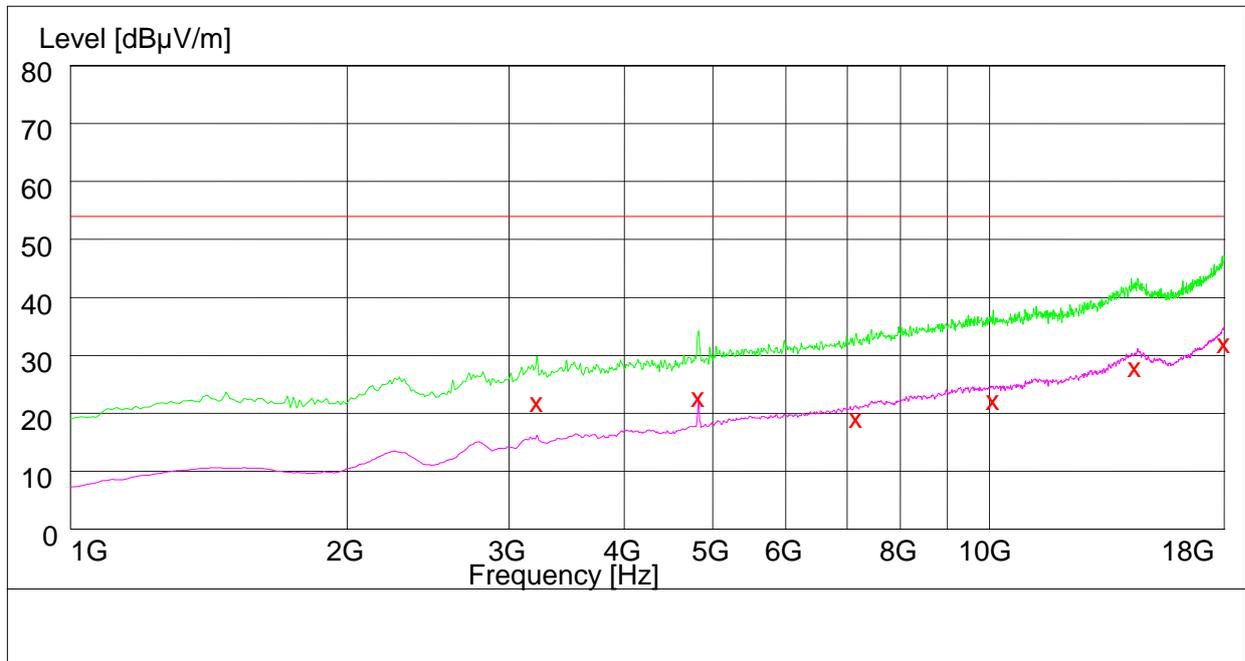
## 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.344000	25.40	11.7	40.0	14.6	140.0	73.00	VERTICAL
55.368000	20.40	12.6	40.0	19.6	121.0	317.00	VERTICAL
172.664000	17.80	10.3	43.5	25.7	100.0	21.00	VERTICAL
177.024000	18.10	10.7	43.5	25.4	139.0	312.00	VERTICAL
530.516000	25.30	20.9	46.0	20.7	160.0	253.00	HORIZONTAL
950.332000	30.90	26.6	46.0	15.1	112.0	166.00	HORIZONTAL



# 1GHz to 18GHz



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
3215.800000	23.10	-8.3	54.0	30.9	101.0	3.00	HORIZONTAL
4822.600000	23.90	-4.1	54.0	30.1	104.0	25.00	VERTICAL
7159.300000	20.40	0.6	54.0	33.6	115.0	220.00	VERTICAL
10090.800000	23.50	5.2	54.0	30.5	100.0	141.00	HORIZONTAL
14392.500000	29.20	12.0	54.0	24.8	120.0	165.00	VERTICAL
17986.400000	33.30	17.2	54.0	20.7	200.0	141.00	HORIZONTAL



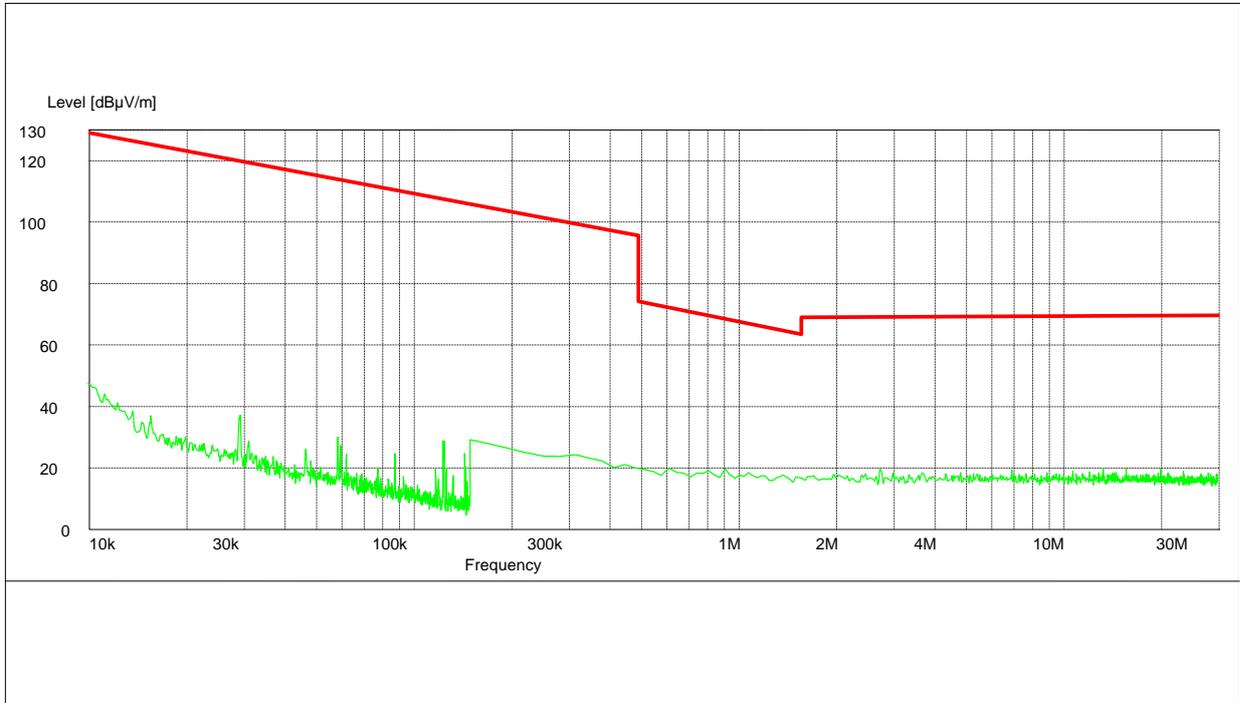
# 18GHz to 26GHz

Note: No peak found in pre- test.



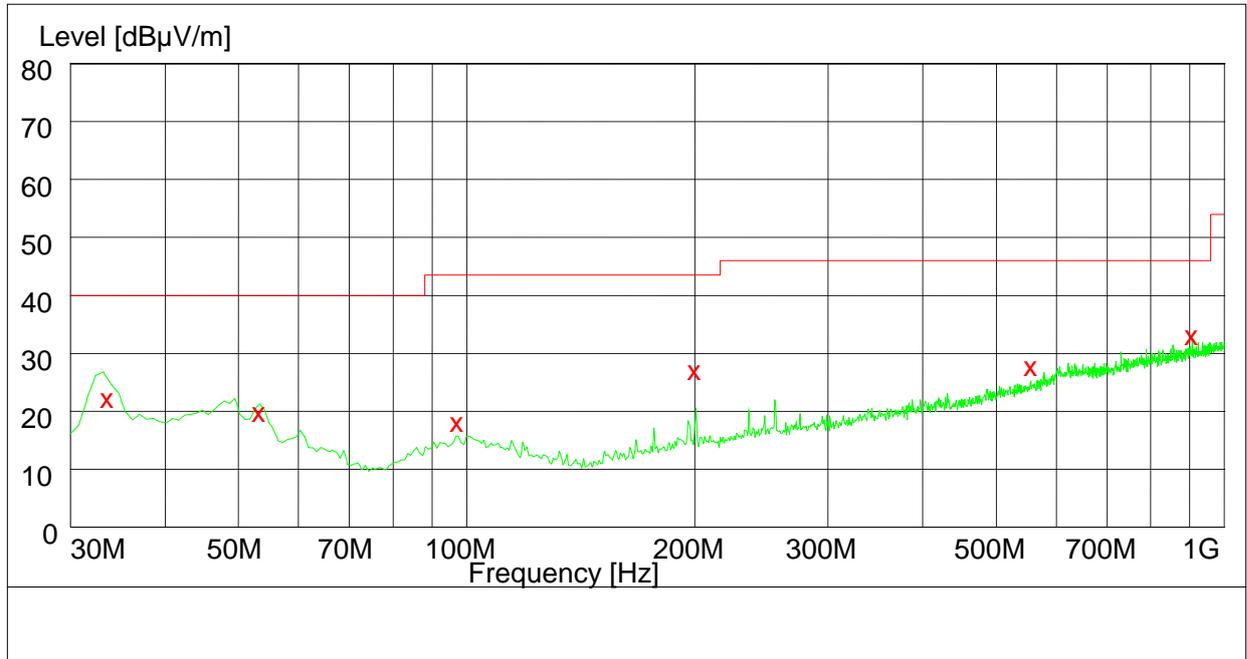
# Channel 11

## 10 kHz to 30 MHz





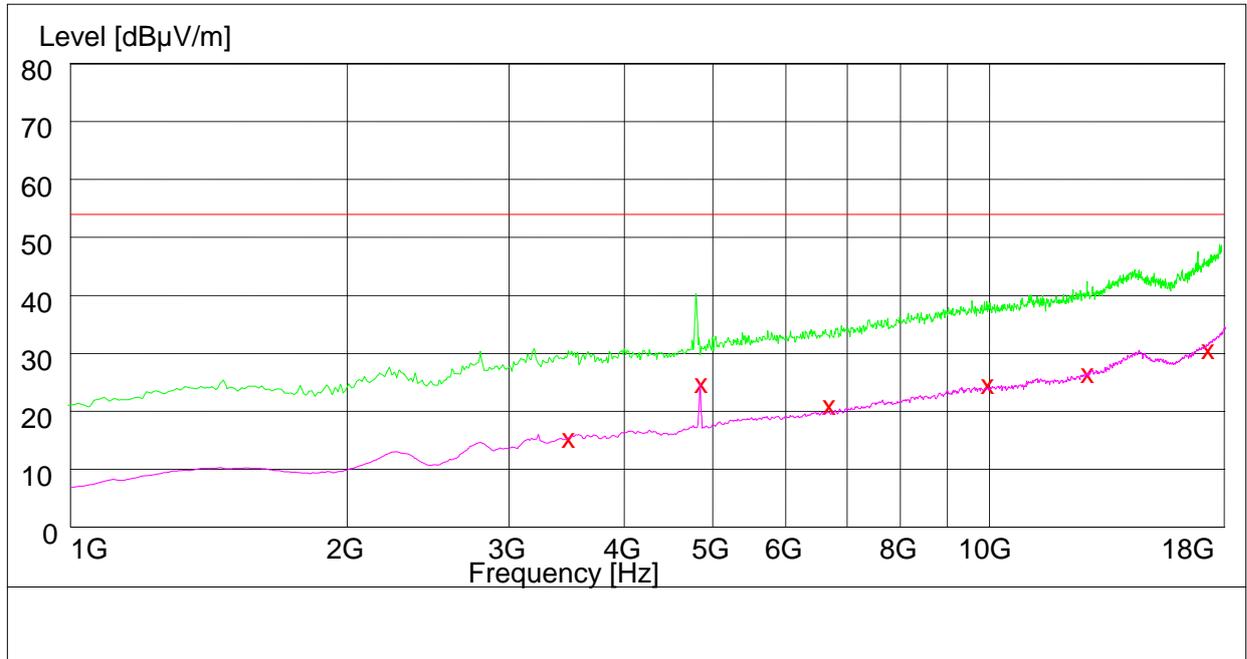
## 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
33.584000	23.50	11.7	40.0	16.5	100.0	96.00	VERTICAL
53.216000	21.00	12.7	40.0	19.0	100.0	350.00	VERTICAL
97.216000	19.40	12.9	43.5	24.1	136.0	0.00	VERTICAL
200.000000	28.20	12.1	43.5	15.3	168.0	246.00	HORIZONTAL
556.072000	28.90	21.5	46.0	17.1	110.0	253.00	VERTICAL
906.520000	34.20	26.2	46.0	11.8	100.0	241.00	HORIZONTAL



# 1GHz to 18GHz



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
3488.300000	15.90	-21.0	54.0	38.1	141.0	58.00	VERTICAL
4819.600000	25.40	-4.1	54.0	28.6	160.0	238.00	VERTICAL
6695.900000	21.10	-15.9	54.0	32.9	151.0	218.00	VERTICAL
9952.400000	25.90	-10.4	54.0	28.1	121.0	108.00	VERTICAL
12794.200000	28.00	-6.0	54.0	26.0	114.0	250.00	HORIZONTAL
17322.500000	30.40	-2.0	54.0	23.6	106.0	219.00	HORIZONTAL

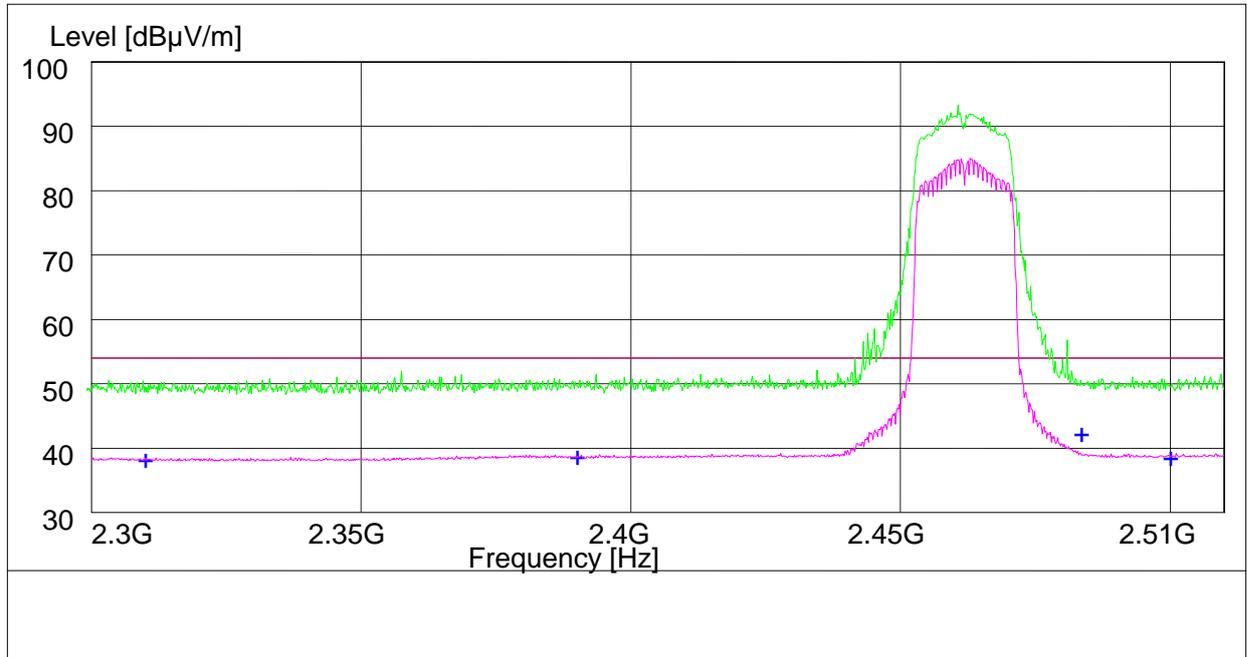


## 18GHz to 26GHz

Note: No peak found in pre- test.



## 2.30GHz to 2.51GHz



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	39.20	33.3	54.0	14.8	155.0	254.00	VERTICAL
2390.000000	39.60	33.5	54.0	14.4	141.0	141.00	HORIZONTAL
2483.500000	42.50	33.7	54.0	11.5	125.0	307.00	VERTICAL
2500.000000	39.50	33.8	54.0	14.5	127.0	340.00	HORIZONTAL