Appendix F

Field Strength of Spurious Radiation

According to FCC Part 2.1051 & Part 27 Subpart C&L

TABLE OF CONTENTS

ACCORDING TO FCC PART 2.1051 & PART 27 SUBPART C&L TABLE OF CONTENTS 1

TABLE OF CONTENTS 2

1 FOR CDMA1700 3

1.1.1.1 Channel = M 3

2 FOR EVDO 1700 6

2.1 TEST MODE = SUBTYPE 0 6
2.1.1.1 Channel = M 6
2.2 TEST MODE = SUBTYPE 2 9
2.2.1.1 Channel = M 9

3 FOR BAND 4 12

3.1 TEST MODE=TM4 12
3.1.1 Channel Bandwidth = Lowest (5 MHz) 12
3.1.1.1 Channel = M 12
3.1.2 Channel Bandwidth = Highest (10 MHz) 15
3.1.2.1 Channel = M 15

4 FOR BAND 12 18

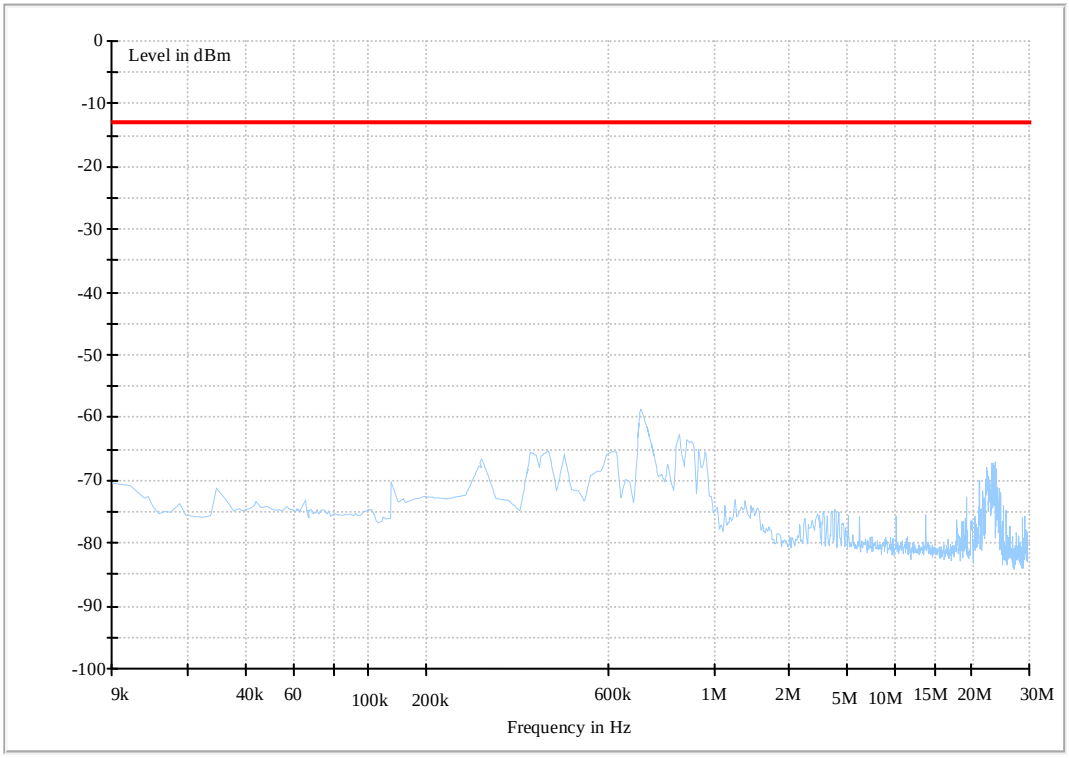
4.1 TEST MODE=TM4 18
4.1.1 Channel Bandwidth = Lowest (1.4 MHz) 18
4.1.1.1 Channel = M 18
4.1.2 Channel Bandwidth =5 MHz 21
4.1.2.1 Channel = M 21
4.1.3 Channel Bandwidth = Highest (10 MHz) 24
4.1.3.1 Channel = M 24

1 For CDMA1700

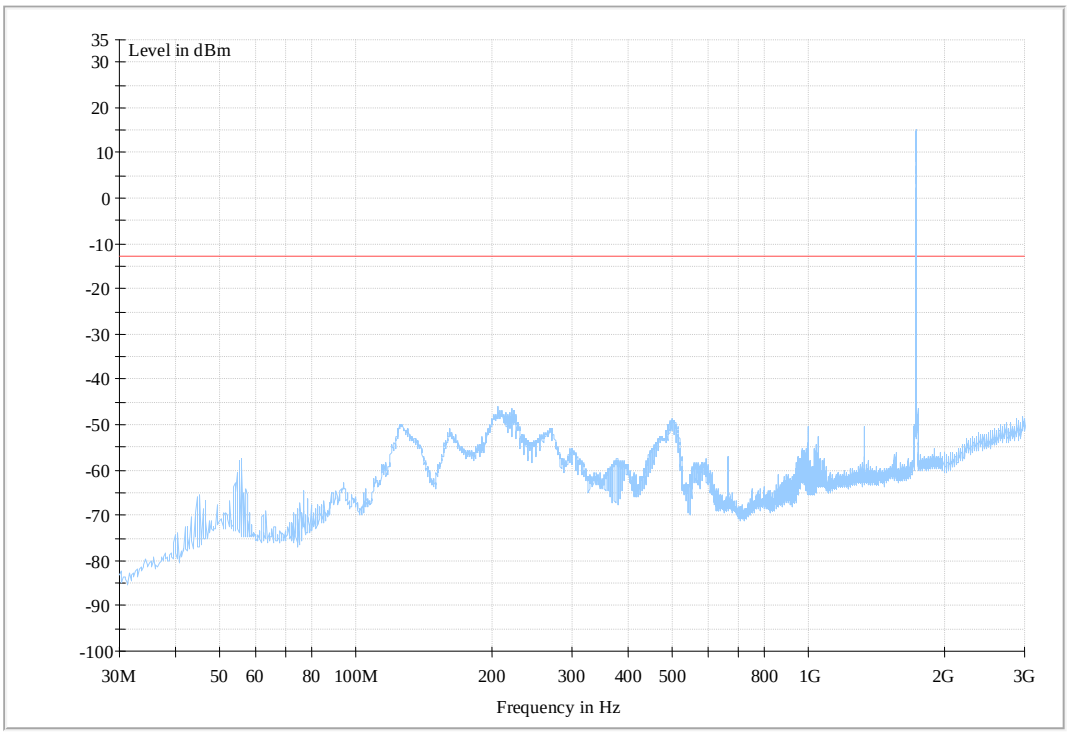
NOTE: All relevant operation modes have been tested, and the worst case data is included in this report.

1.1.1.1 Channel = M

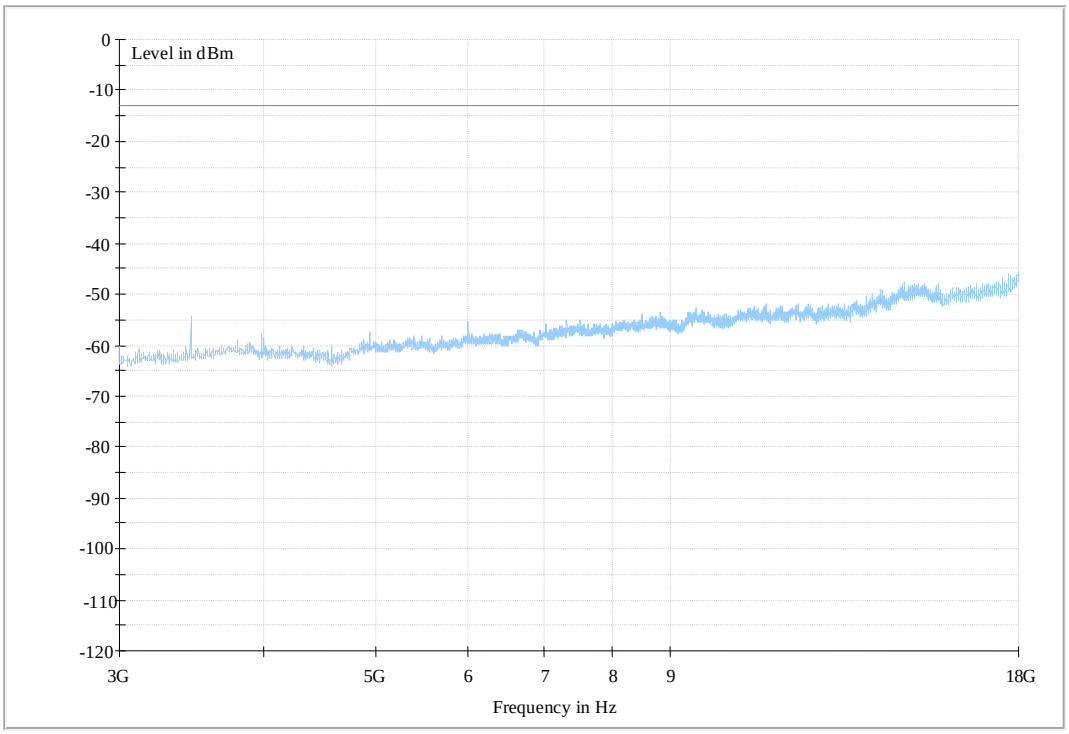
Traffic Mode (9kHz-30MHz)



Traffic Mode (30MHz-3GHz)



Traffic Mode (3GHz-18GHz)

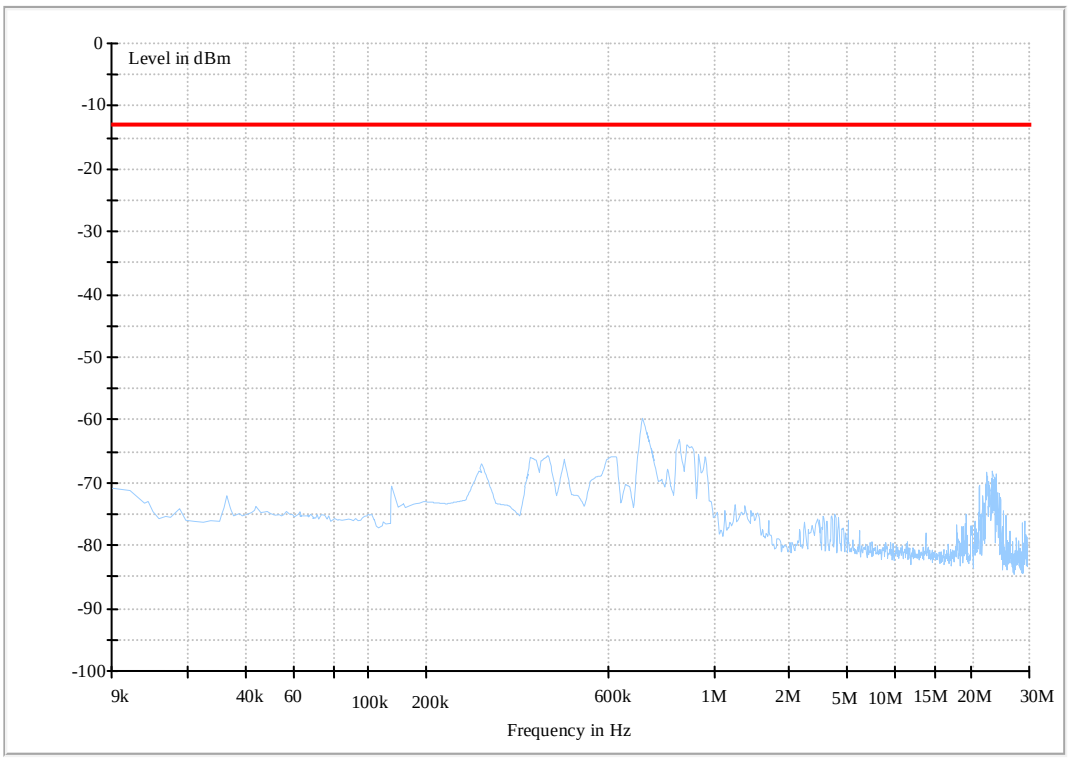


2 For EVDO 1700

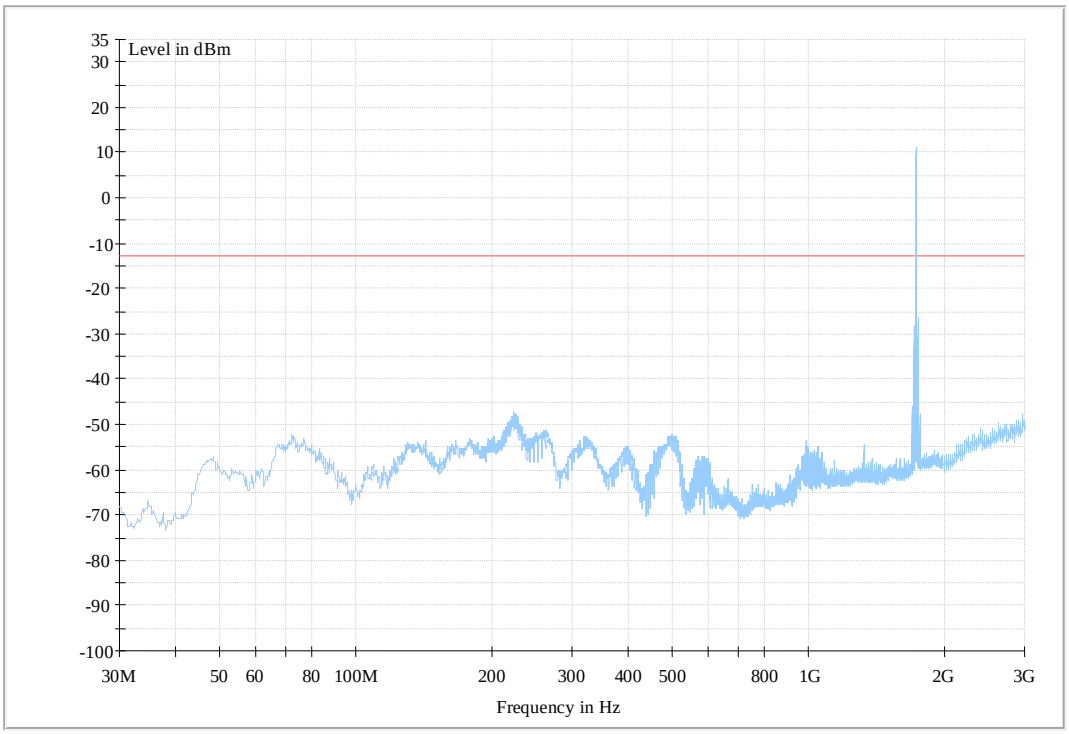
2.1 Test Mode = Subtype 0

2.1.1.1 Channel = M

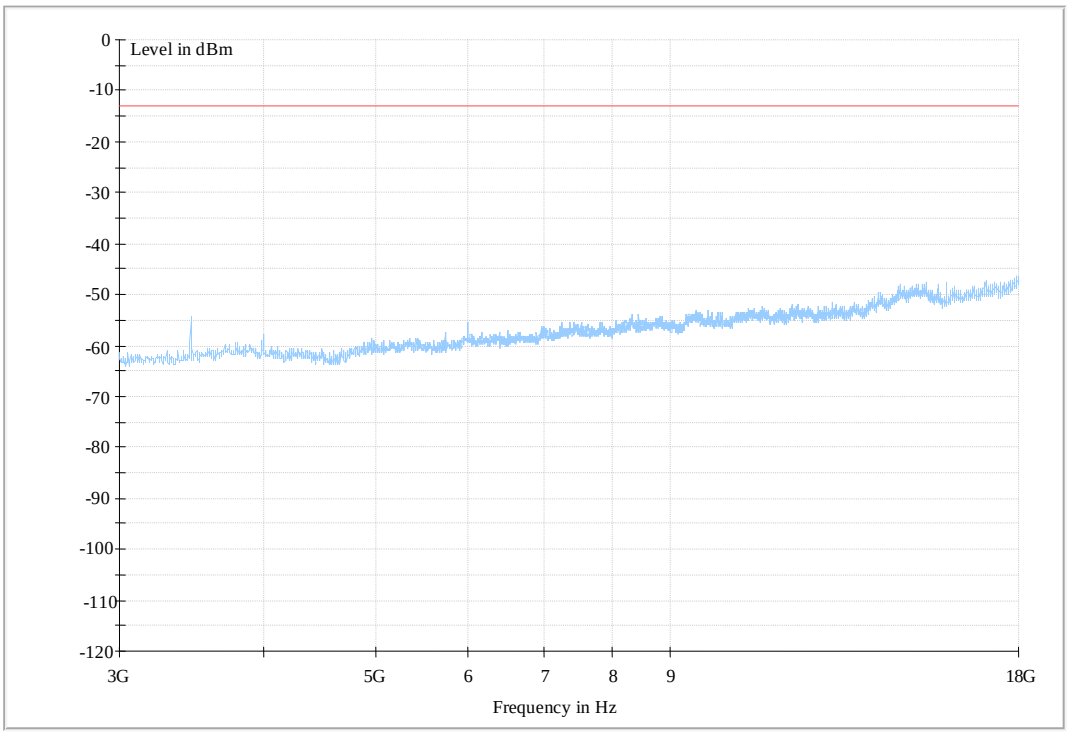
Traffic Mode (9kHz-30MHz)



Traffic Mode (30MHz-3GHz)



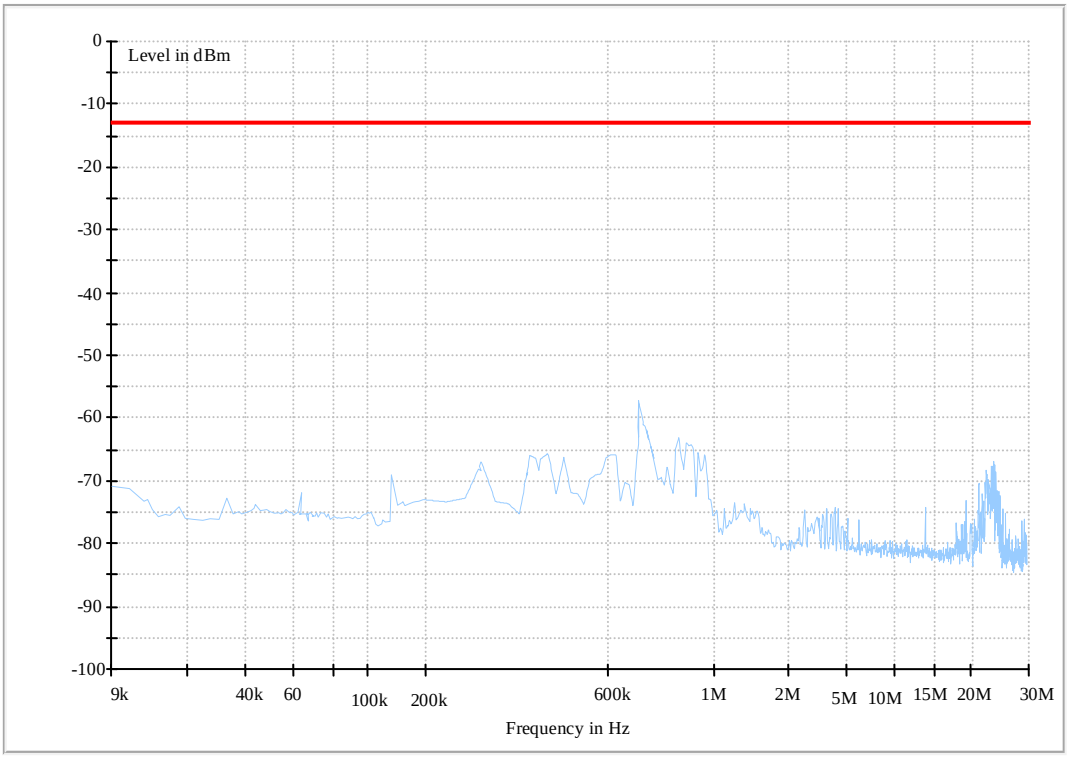
Traffic Mode (3GHz-18GHz)



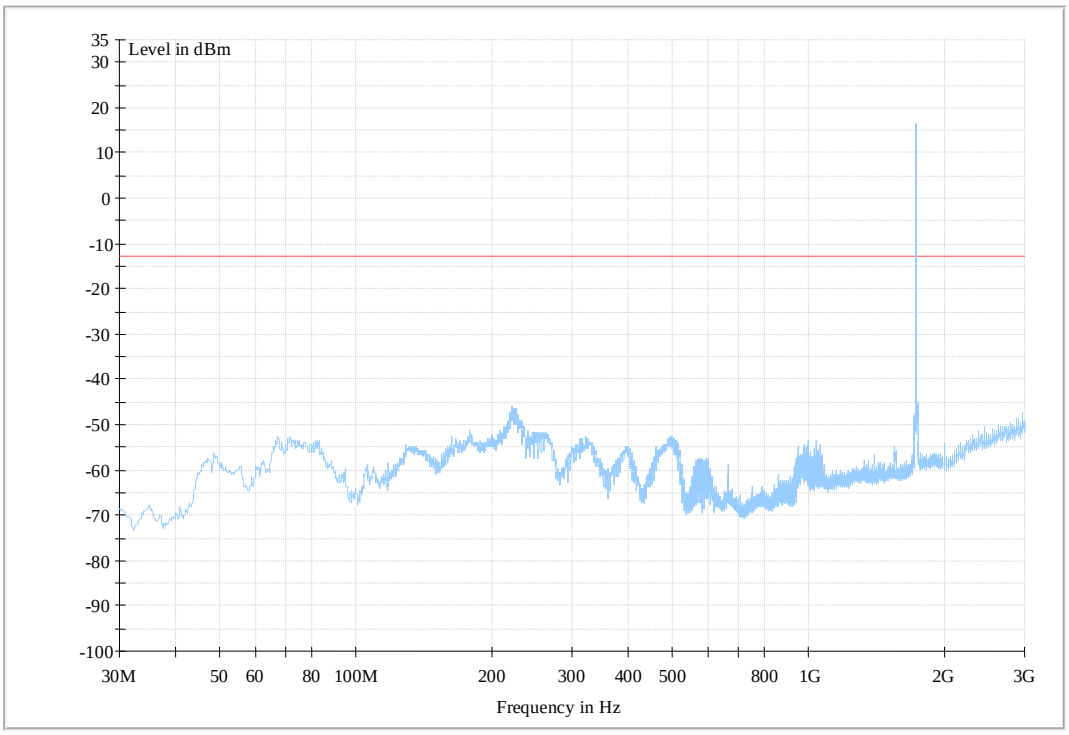
2.2 Test Mode = Subtype 2

2.2.1.1 Channel = M

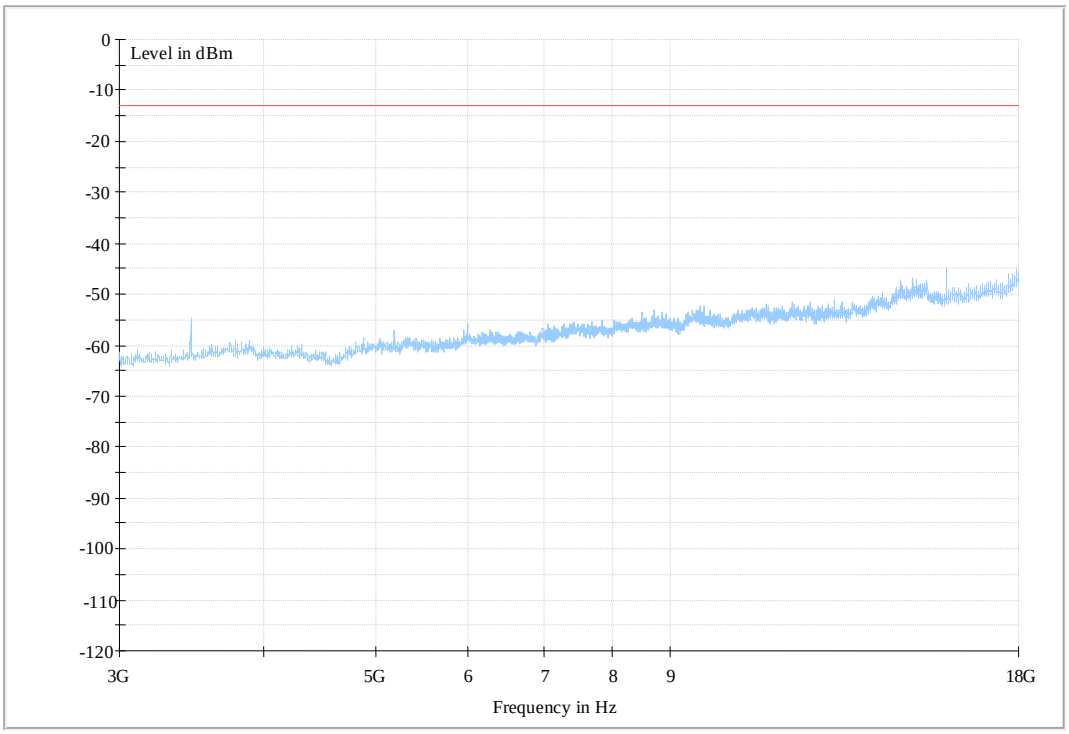
Traffic Mode (9kHz-30MHz)



Traffic Mode (30MHz-3GHz)



Traffic Mode (3GHz-18GHz)



3 For Band 4

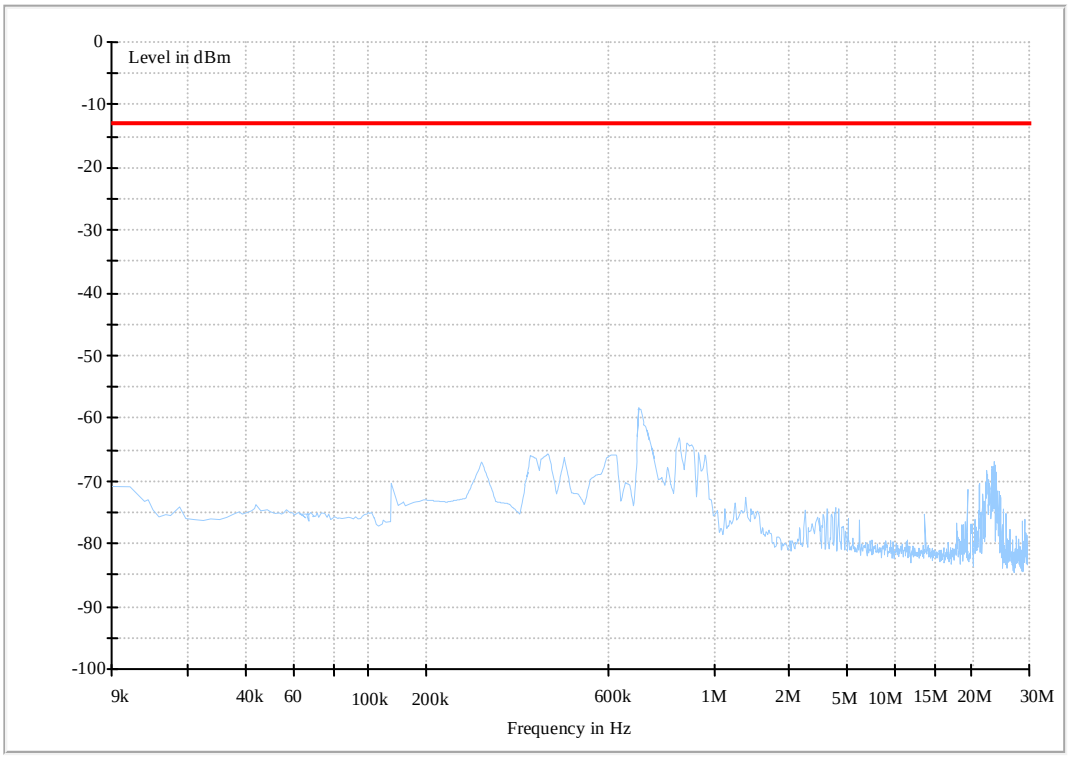
NOTE1: QPSK output power higher than 16QAM, so only test the QPSK mode.
NOTE2: All relevant operation modes have been tested, and the worst case data is included in this report.

3.1 Test Mode=TM4

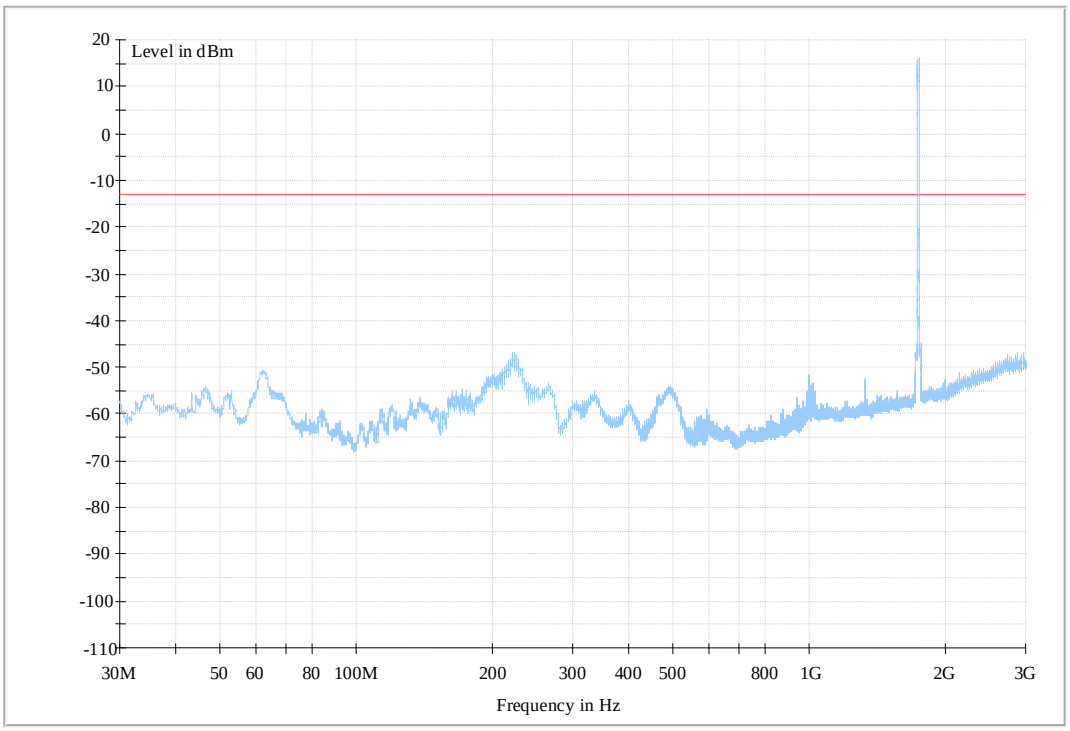
3.1.1 Channel Bandwidth = Lowest (5 MHz)

3.1.1.1 Channel = M

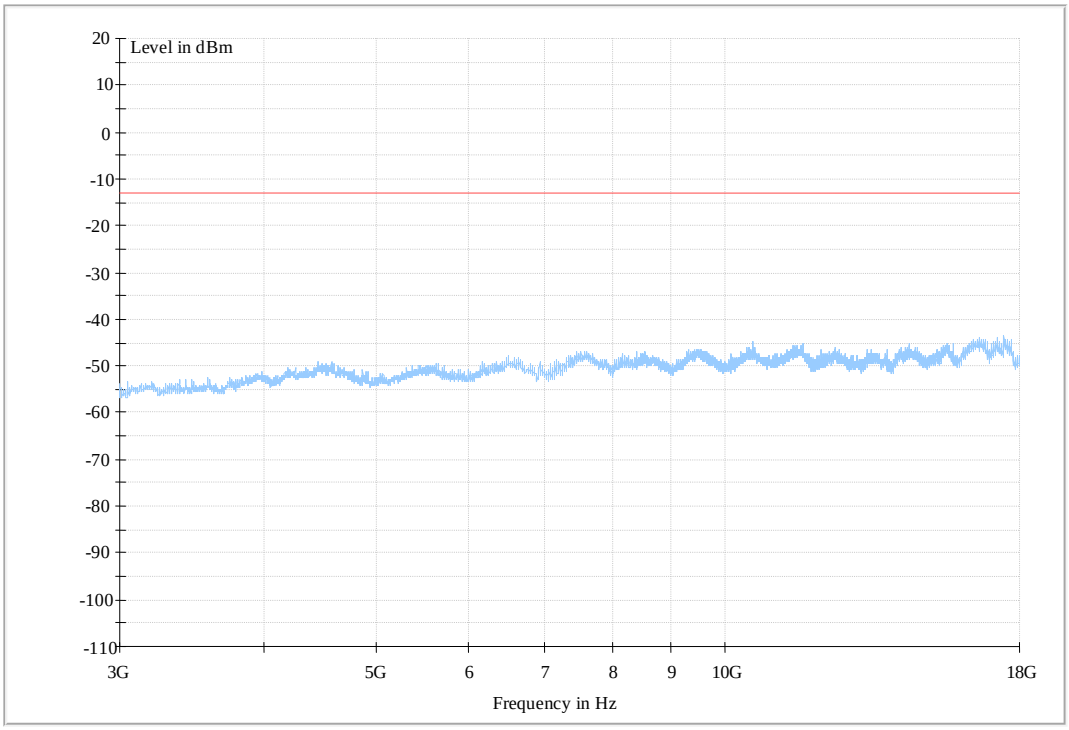
(9KHz~30MHz)



(30MHz ~3GHz)


Level in dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
30M
50
60
80
100M
200
300
400
500
800
1G
2G
3G
Frequency in Hz

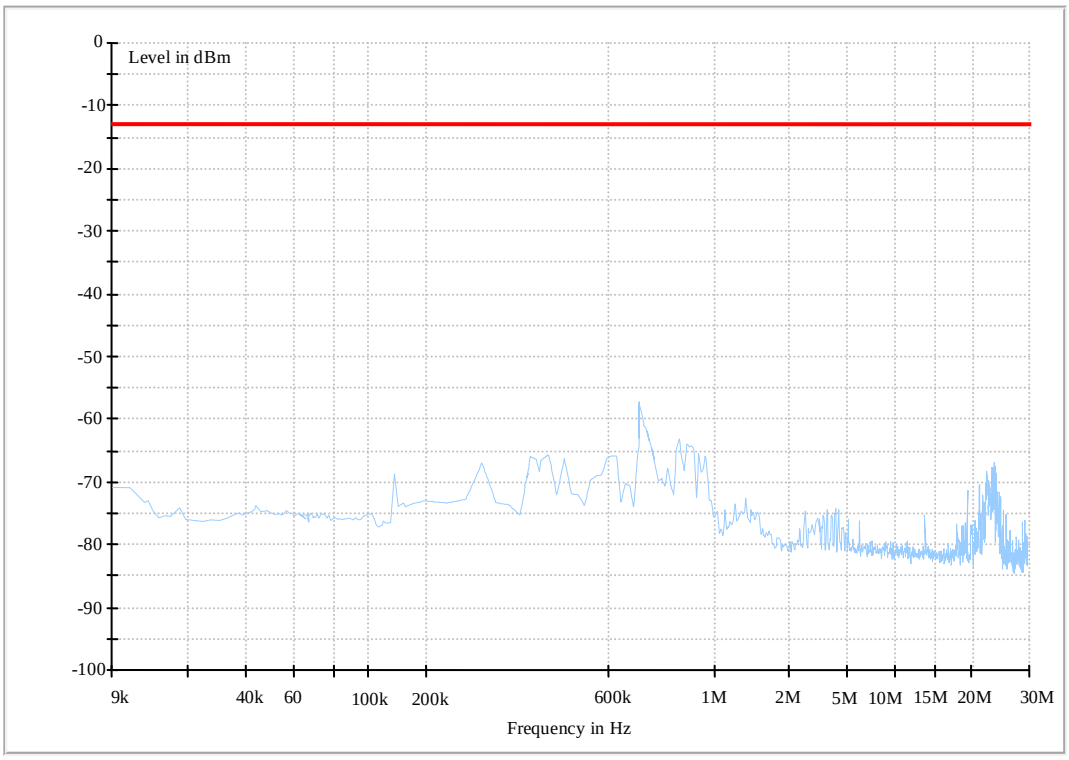
(3GHz~18GHz)


Level in dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
3G
5G
6
7
8
9
10G
18G
Frequency in Hz

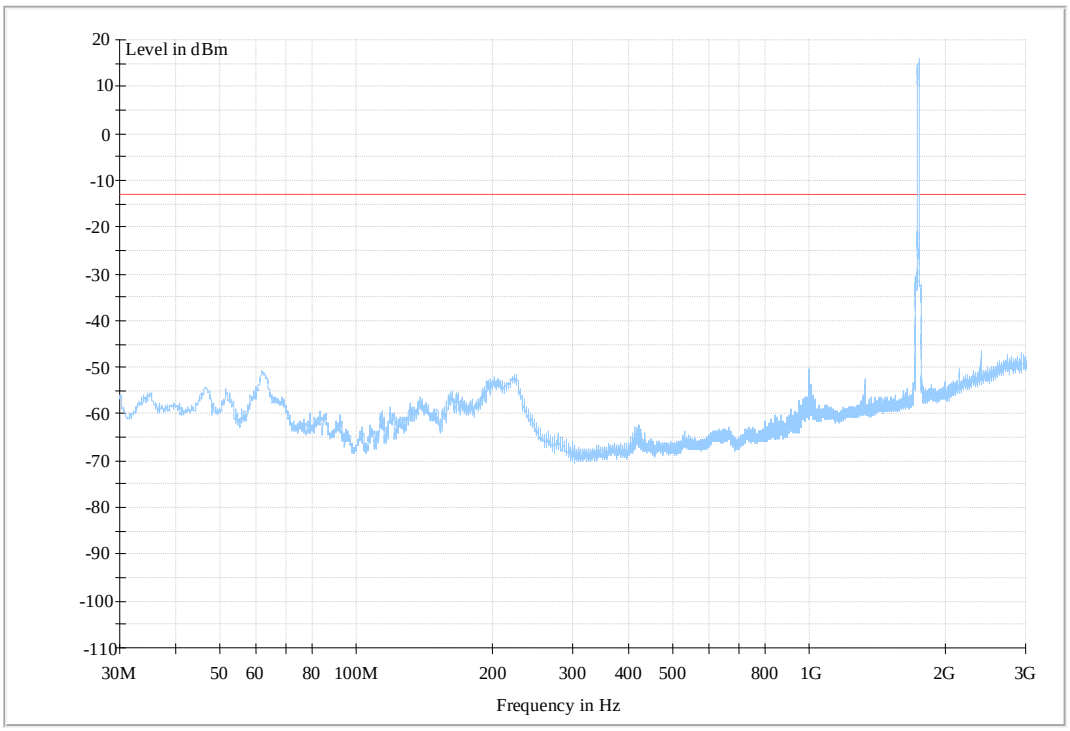
3.1.2 Channel Bandwidth = Highest (10 MHz)

3.1.2.1 Channel = M

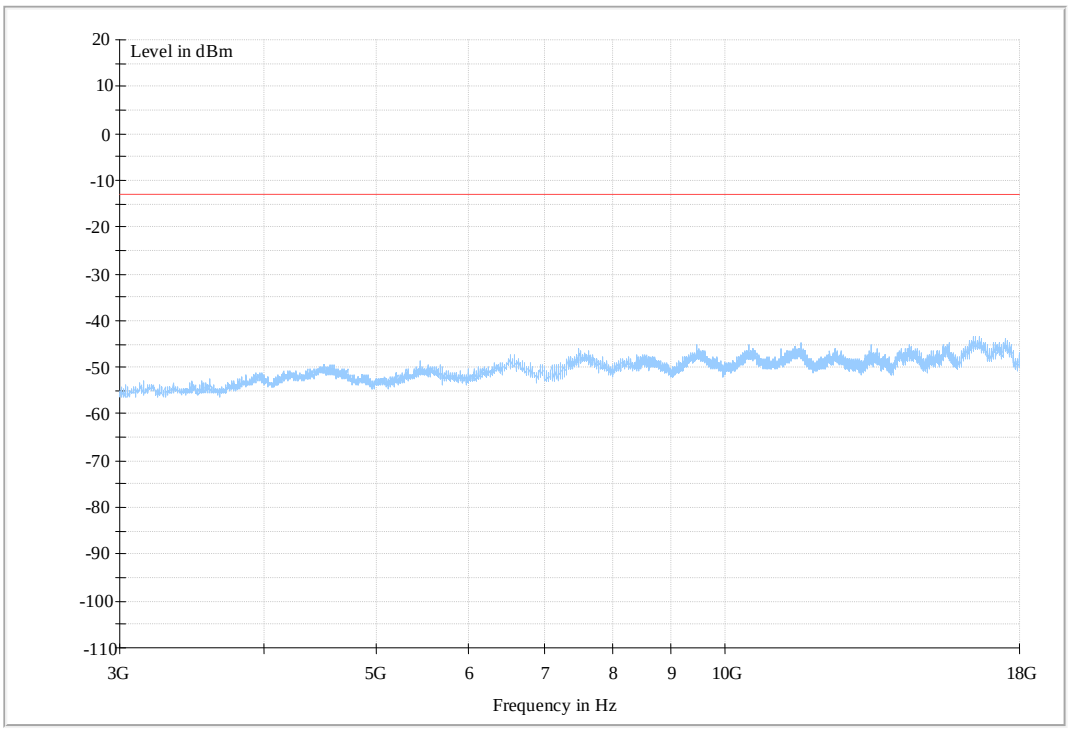
(9KHz~30MHz)



(30MHz~3GHz)


Level in dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
30M
50
60
80
100M
200
300
400
500
800
1G
2G
3G
Frequency in Hz

(3GHz~18GHz)


Level in dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
3G
5G
6
7
8
9
10G
18G
Frequency in Hz

4 For Band 12

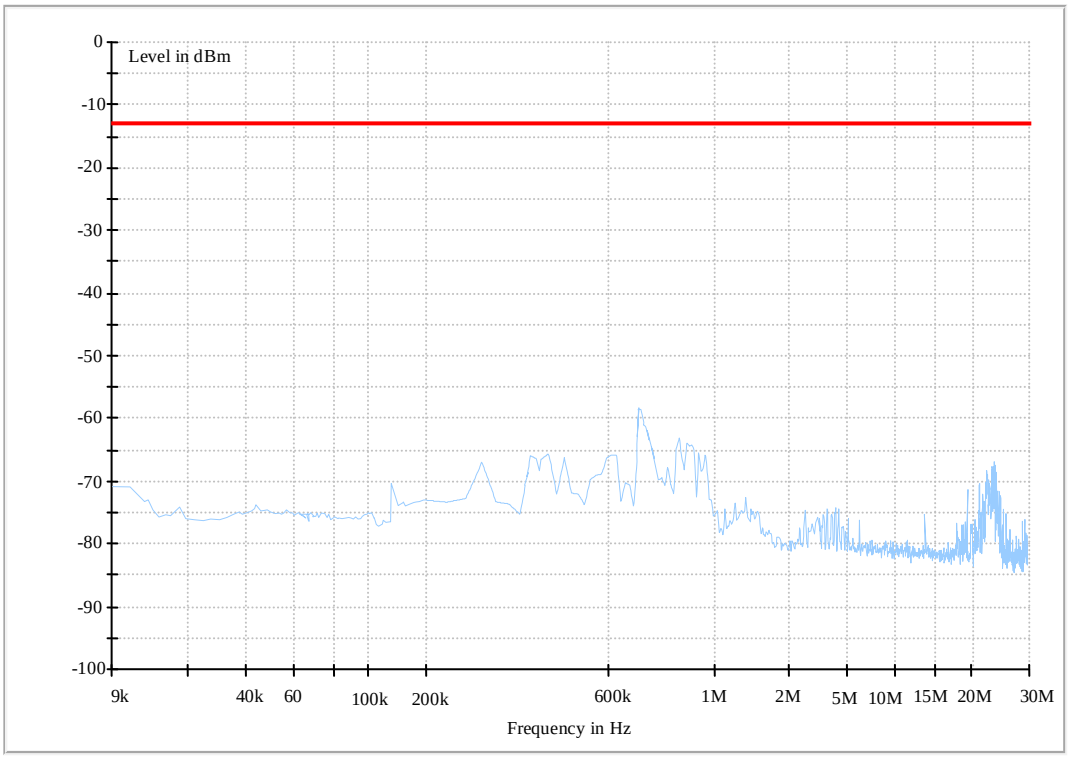
NOTE1: QPSK output power higher than 16QAM, so only test the QPSK mode.
NOTE2: All relevant operation modes have been tested, and the worst case data is included in this report.

4.1 Test Mode=TM4

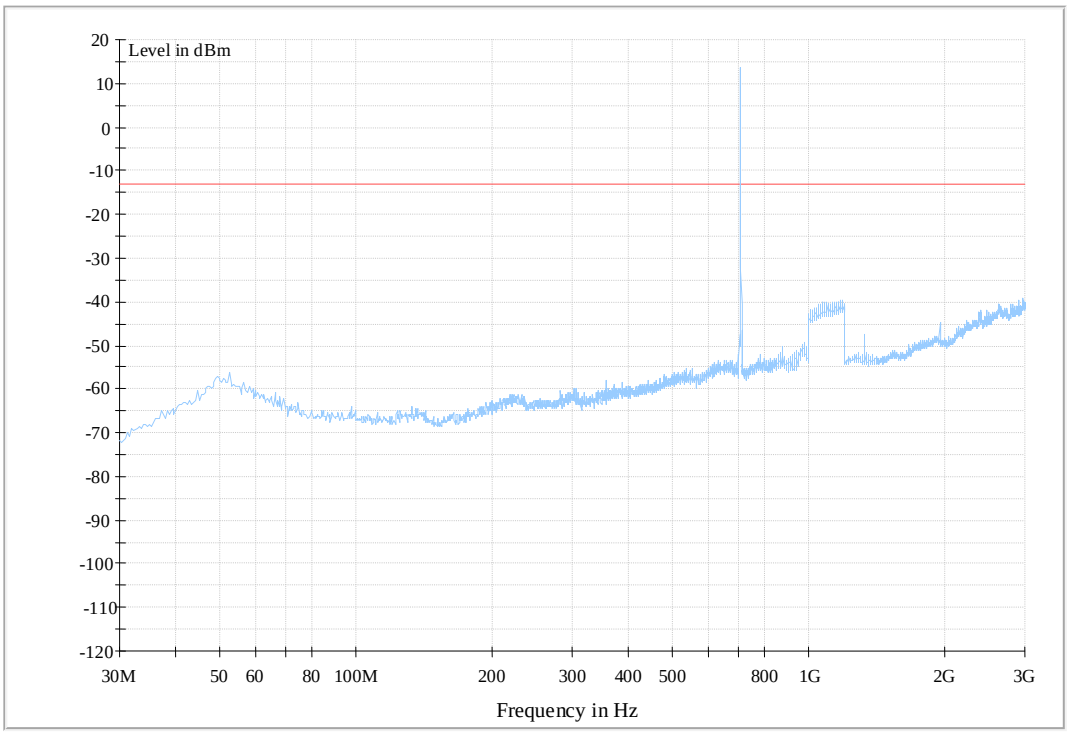
4.1.1 Channel Bandwidth = Lowest (1.4 MHz)

4.1.1.1 Channel = M

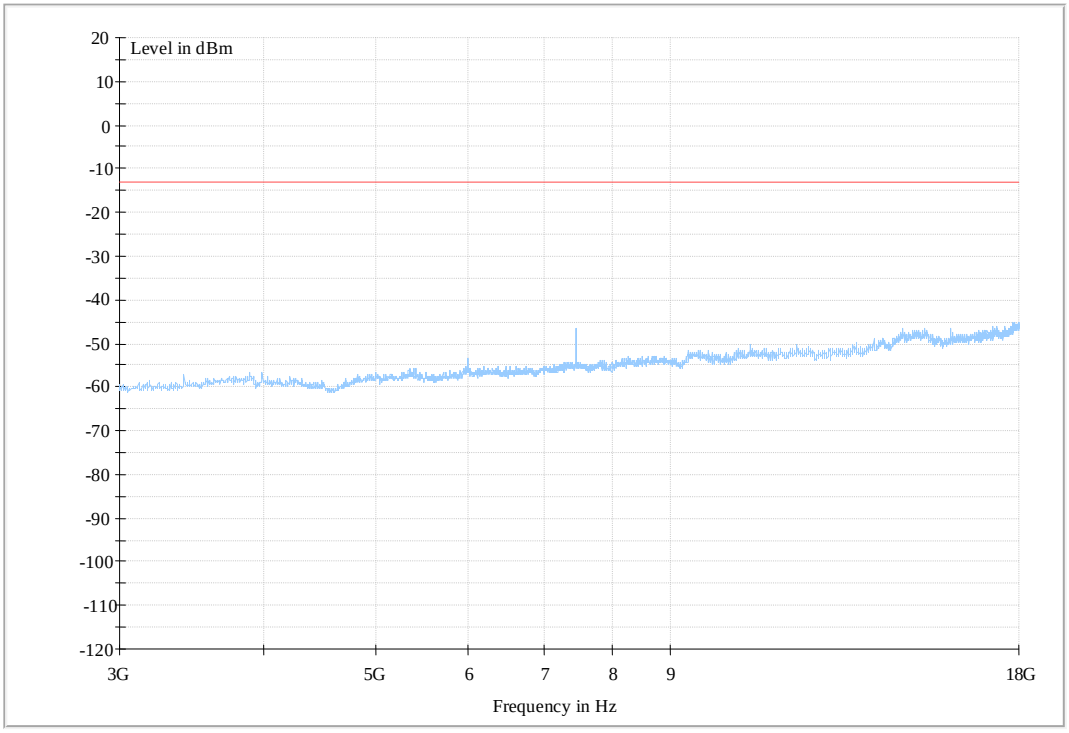
(9KHz~30MHz)



(30MHz ~3GHz)


Level in dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
30M
50
60
80
100M
200
300
400
500
800
1G
2G
3G
Frequency in Hz

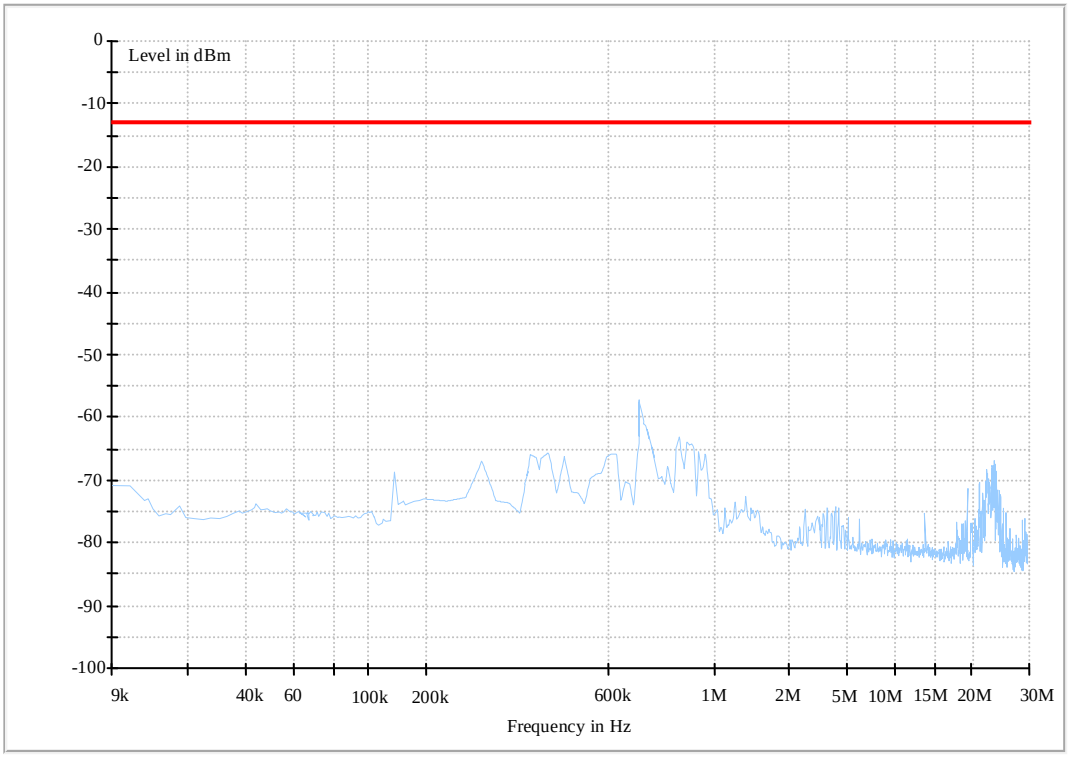
(3GHz~18GHz)


Level in dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
3G
5G
6
7
8
9
18G
Frequency in Hz

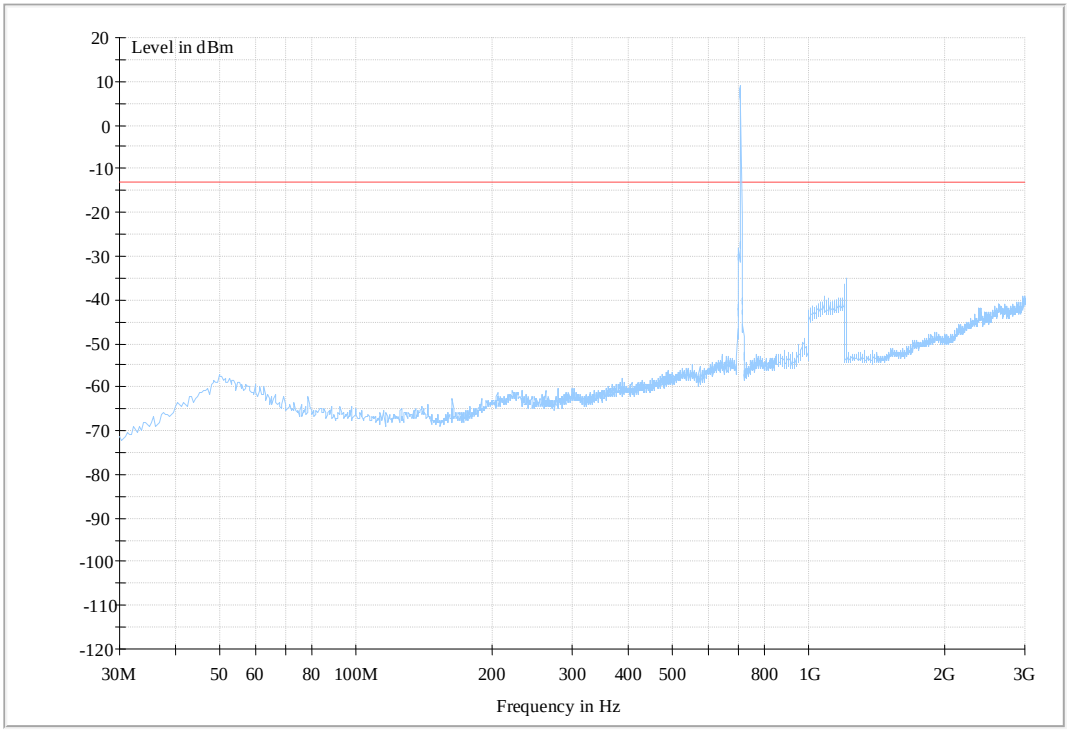
4.1.2 Channel Bandwidth =5 MHz

4.1.2.1 Channel = M

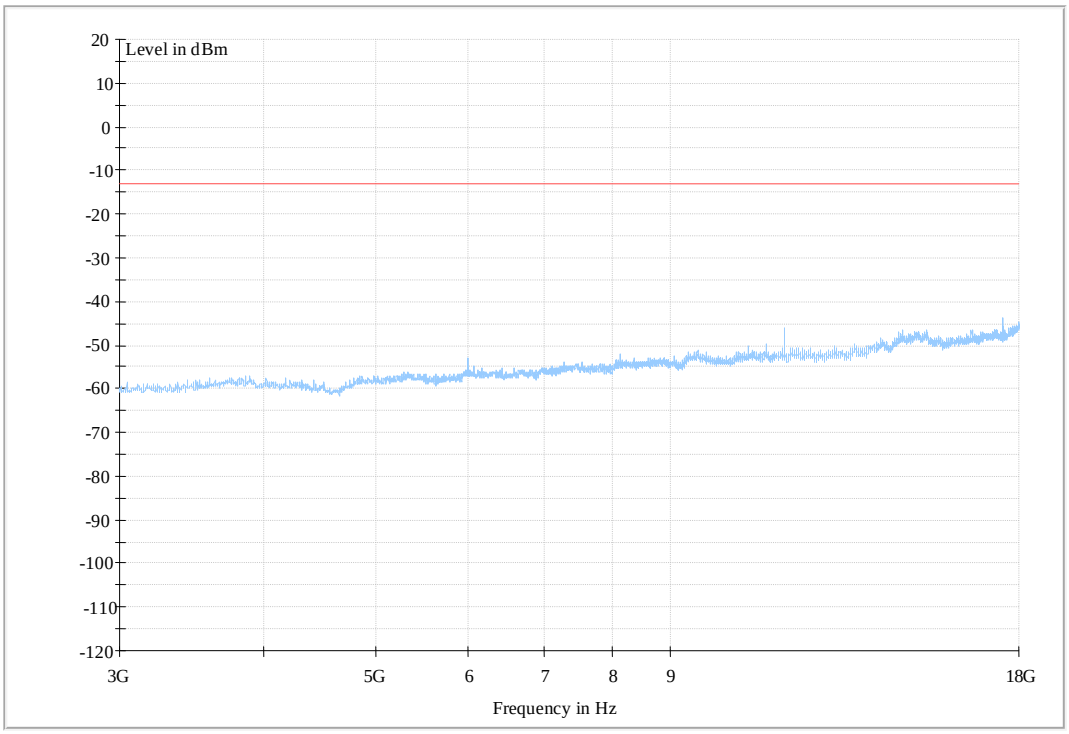
(9KHz~30MHz)



(30MHz~3GHz)


Level in dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
30M
50
60
80
100M
200
300
400
500
800
1G
2G
3G
Frequency in Hz

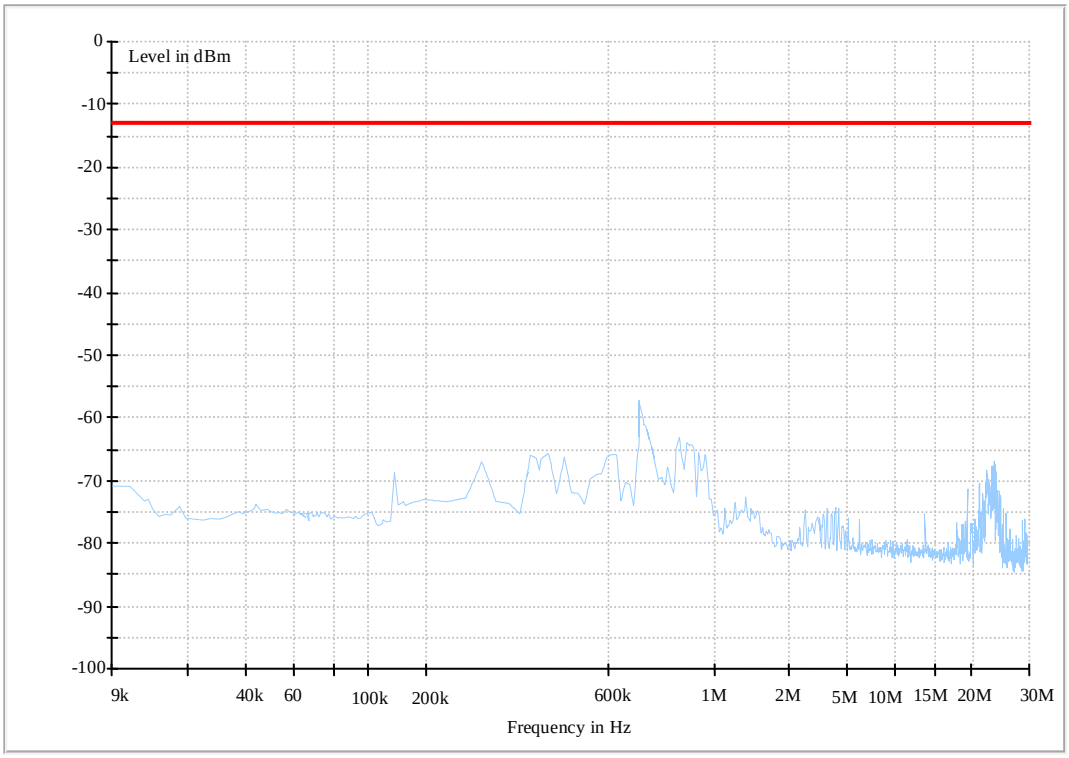
(3GHz~18GHz)


Level in dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
3G
5G
6
7
8
9
18G
Frequency in Hz

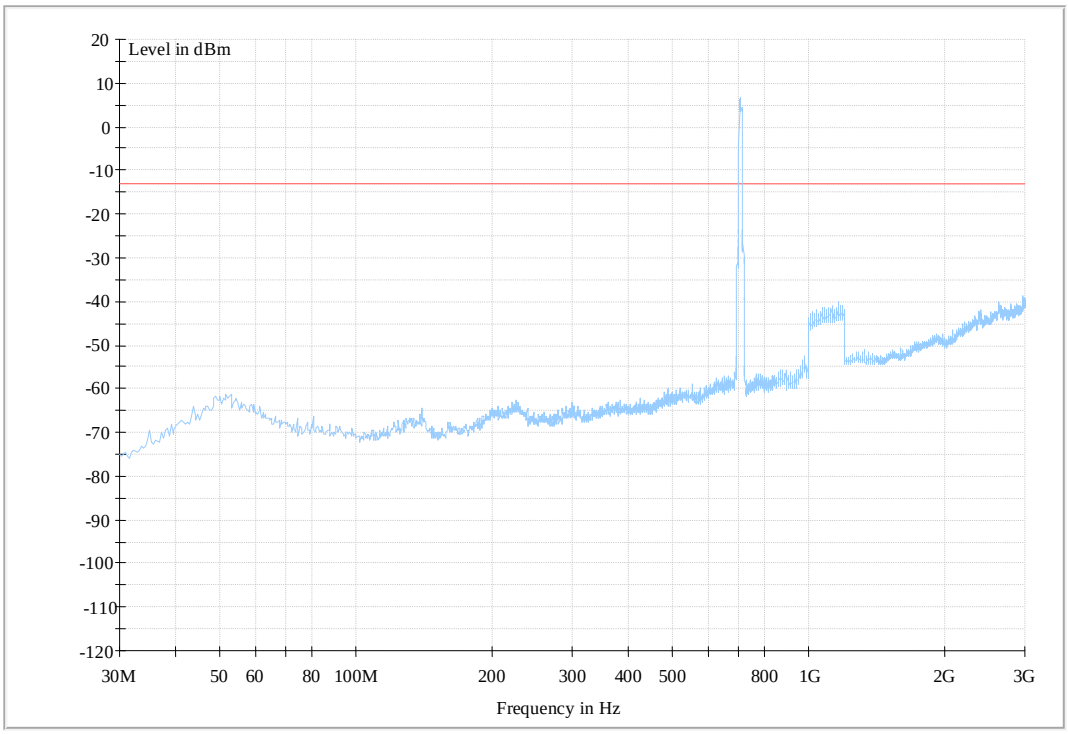
4.1.3 Channel Bandwidth = Highest (10 MHz)

4.1.3.1 Channel = M

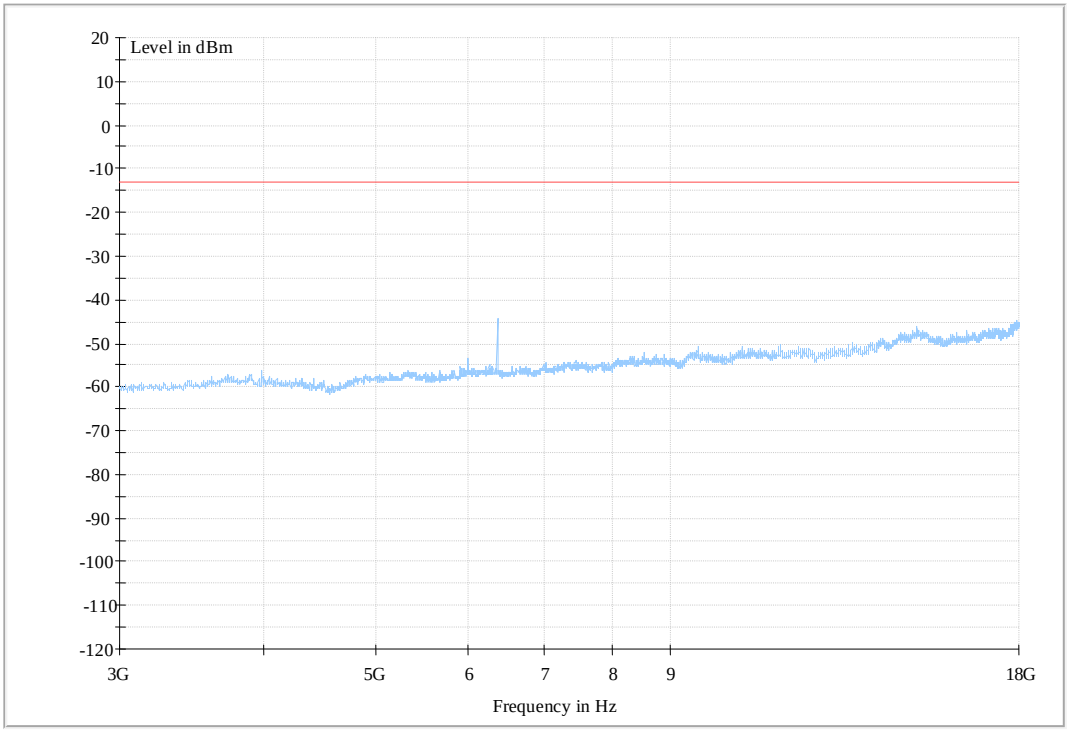
(9KHz~30MHz)



(30MHz~3GHz)


Level in dBm
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
30M
50
60
80
100M
200
300
400
500
800
1G
2G
3G
Frequency in Hz

(3GHz~18GHz)



----------END----------