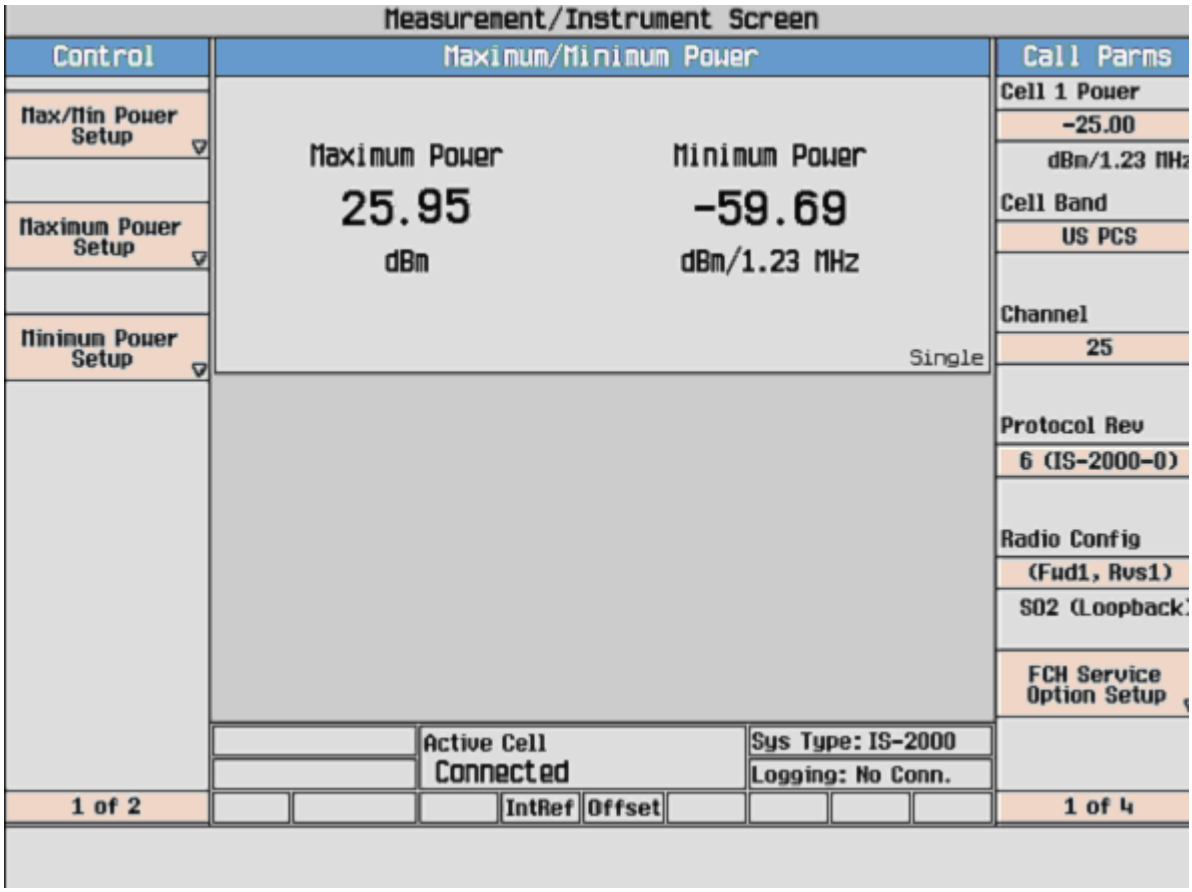
Appendix A

Effective Radiated Power of Transmitter

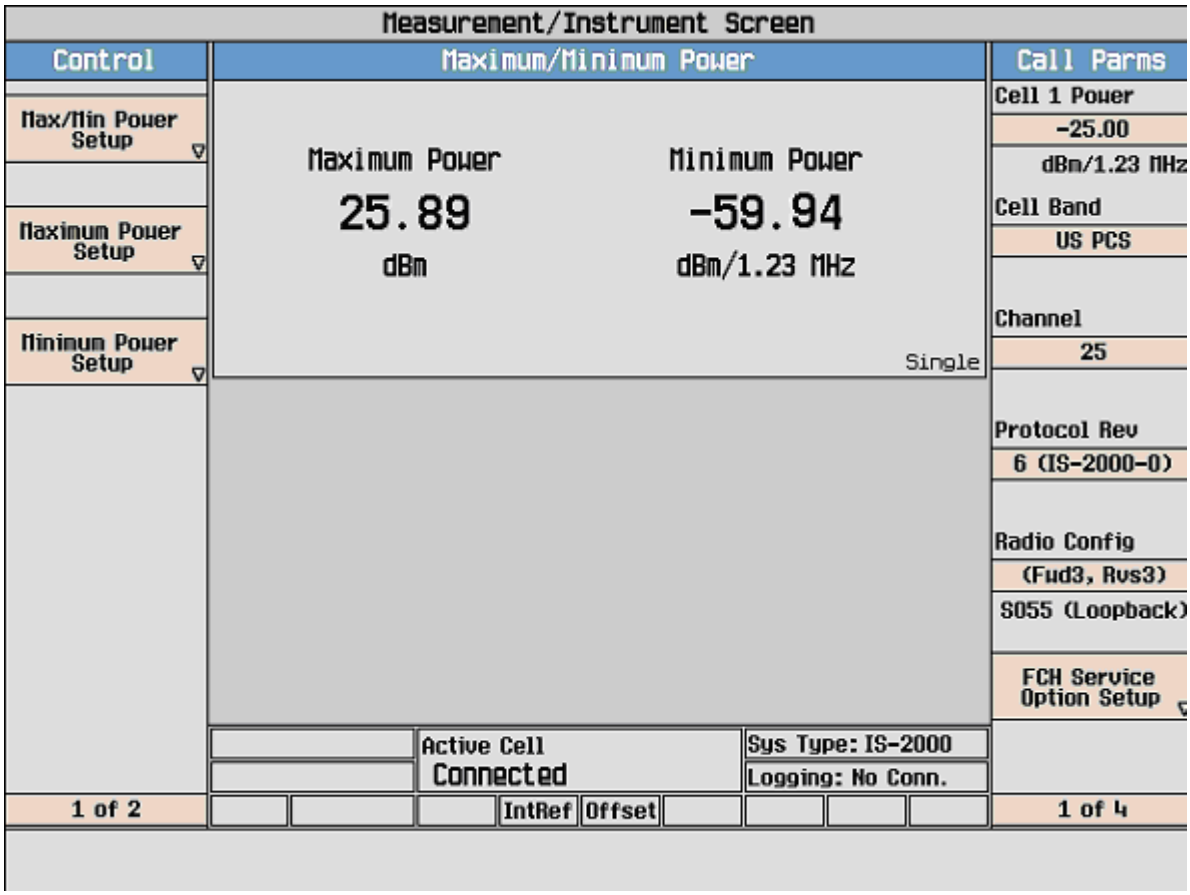
According to FCC Part 2.1046 & 24.232

Channel 25

TM1:

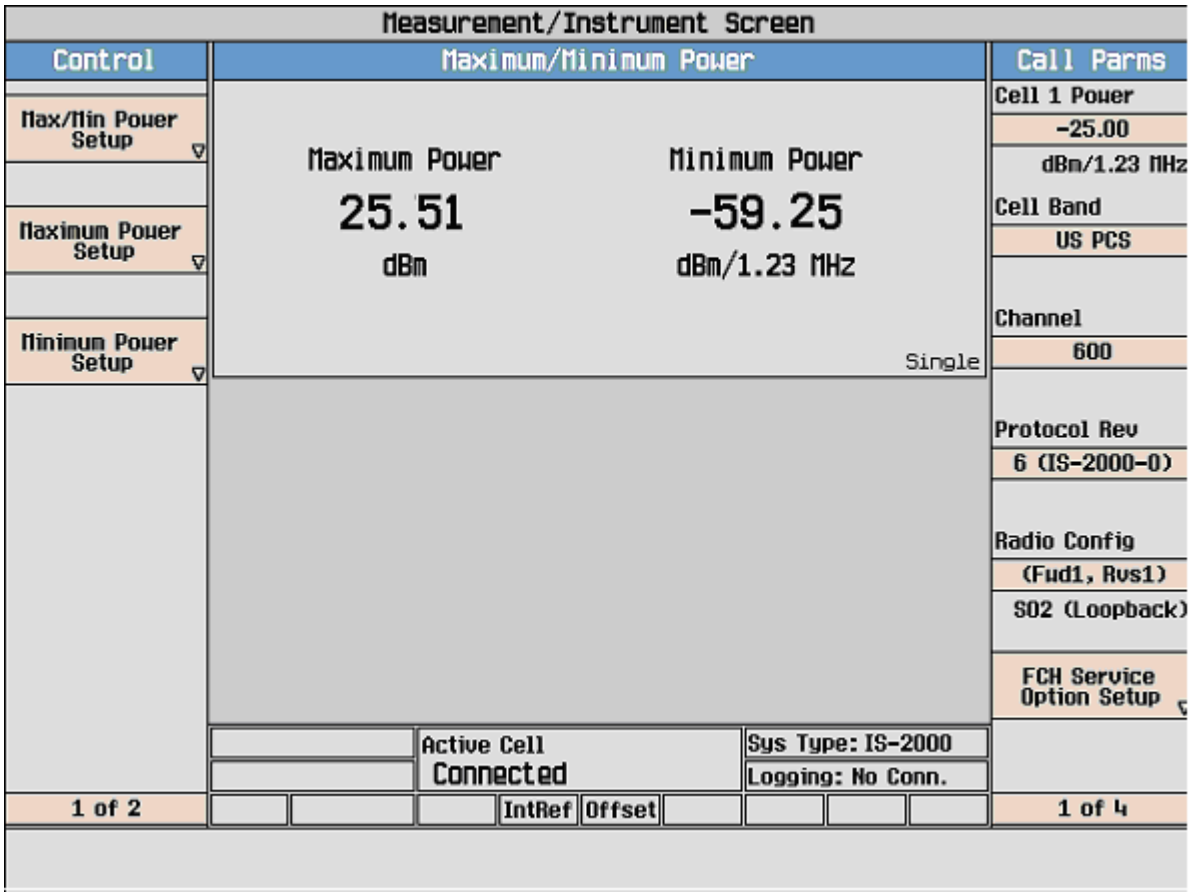


TM3:

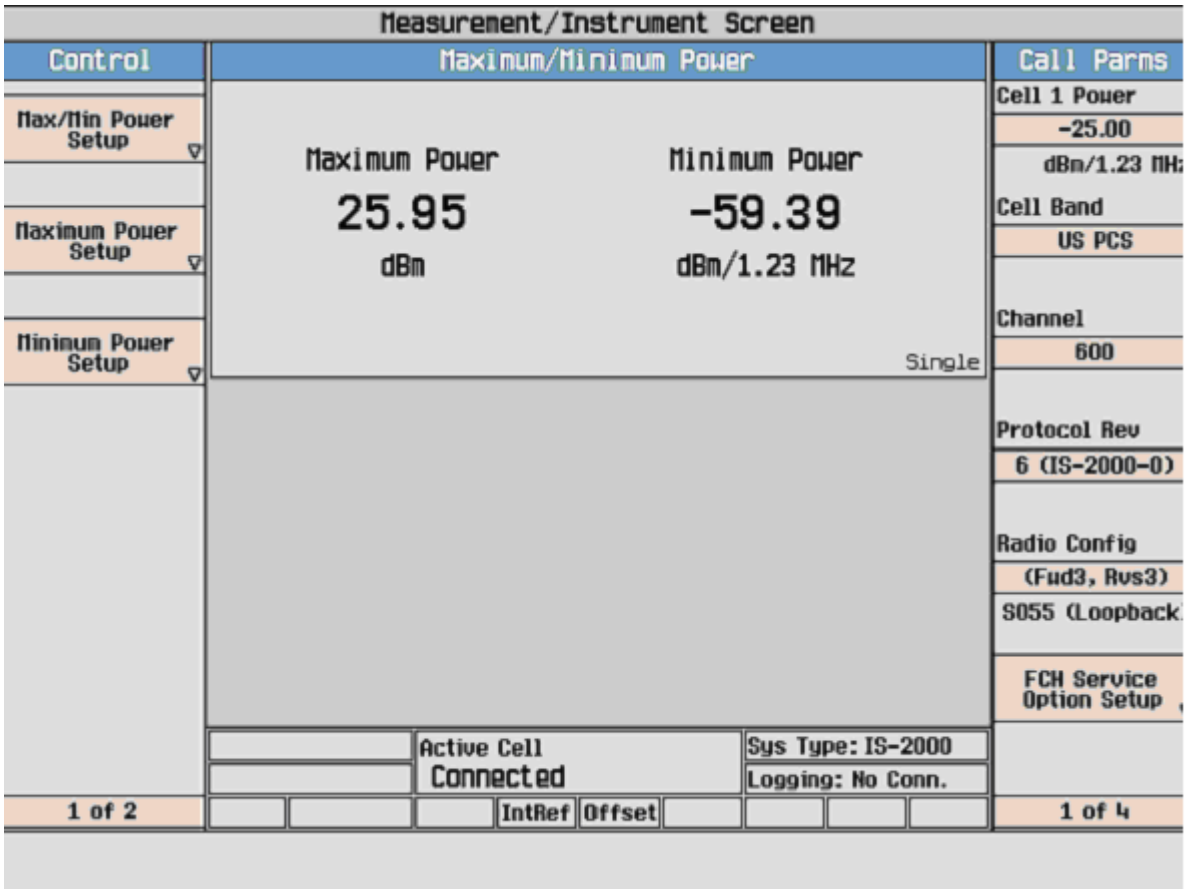

Measurement/Instrument Screen
Control
Maximum/Minimum Power
Call Parms
Max/Min Power Setup
Maximum Power Setup
Minimum Power Setup
Maximum Power
25.89
dBm
Minimum Power
-59.94
dBm/1.23 MHz
Single
Cell 1 Power
-25.00
dBm/1.23 MHz
Cell Band
US PCS
Channel
25
Protocol Rev
6 (IS-2000-0)
Radio Config
(Fwd3, Rvs3)
S055 (Loopback)
FCH Service Option Setup
Active Cell
Connected
Sys Type: IS-2000
Logging: No Conn.
IntRef
Offset
1 of 2
1 of 4

Channel 600

TM1:

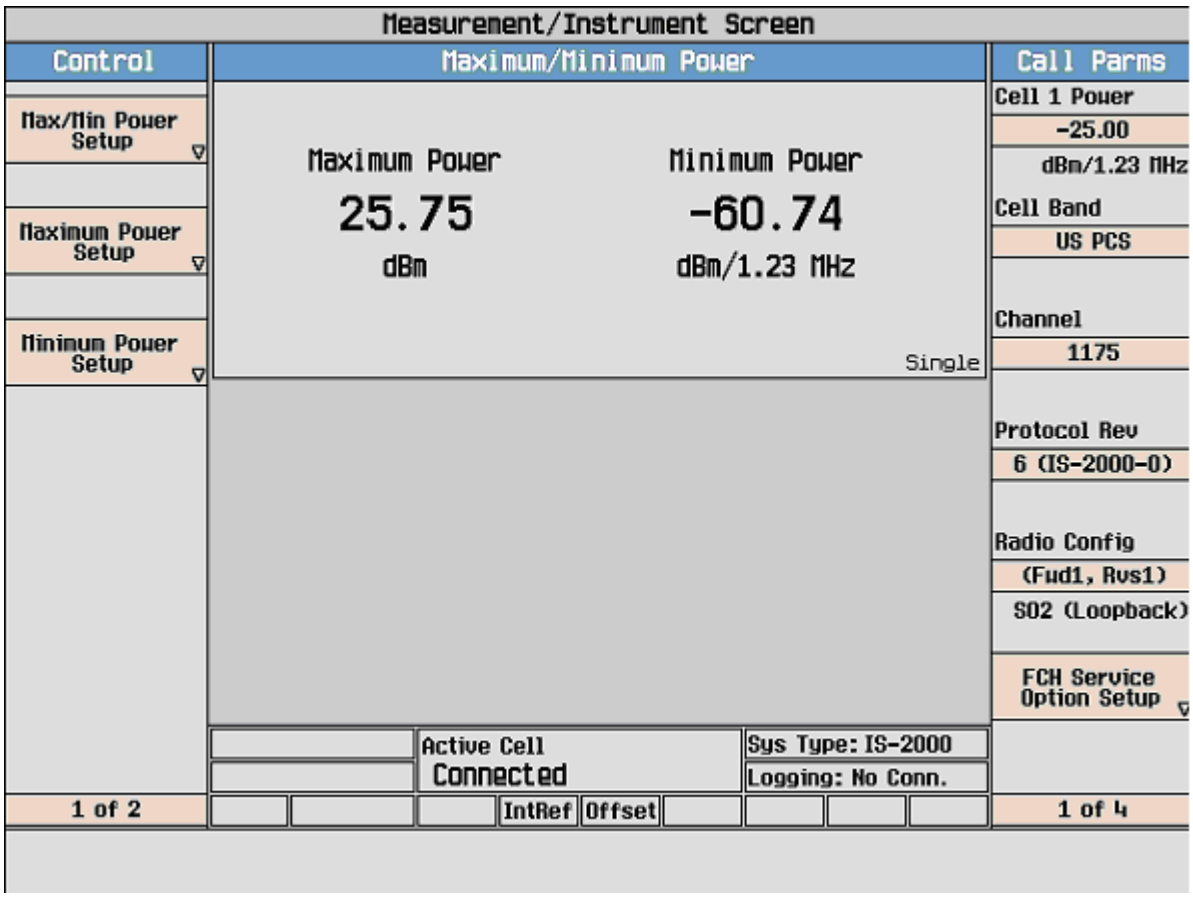


TM3:

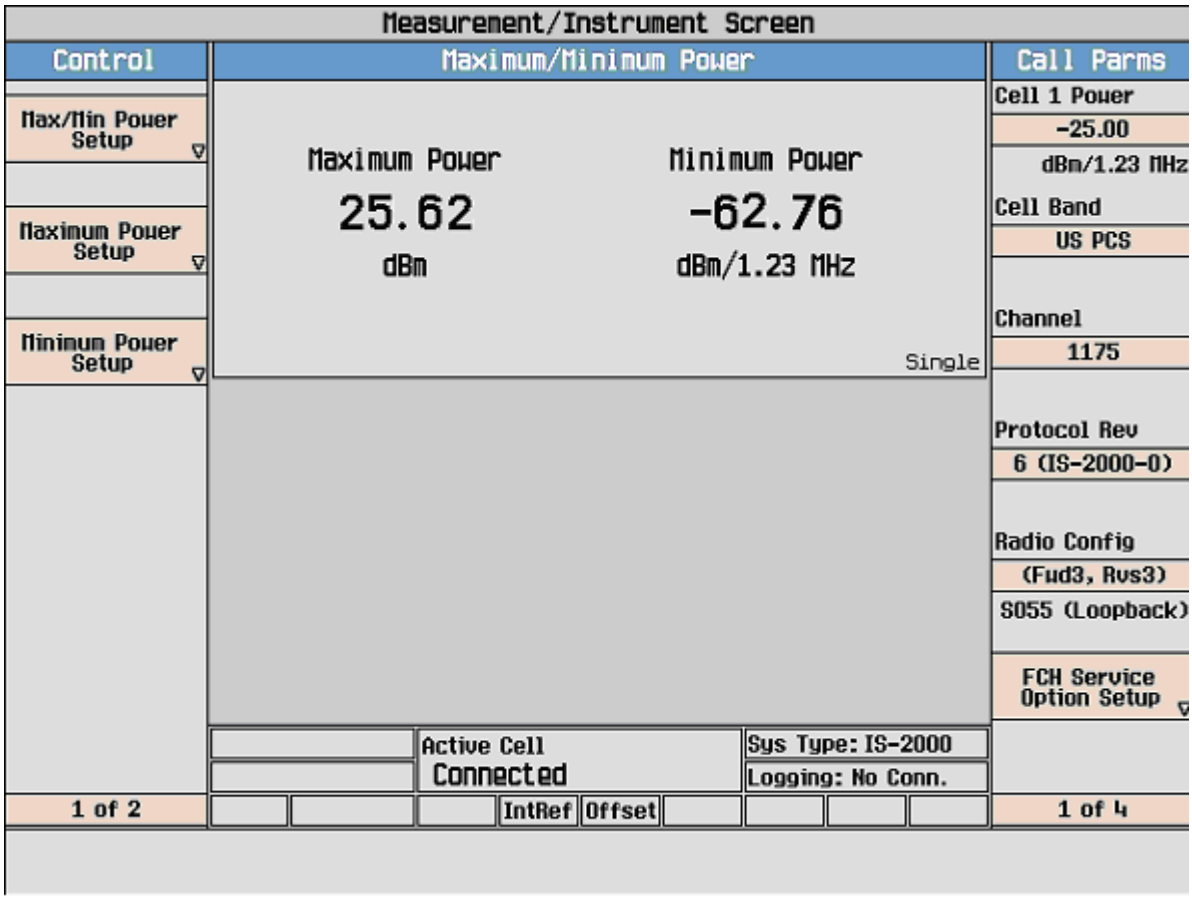

Measurement/Instrument Screen
Control
Maximum/Minimum Power
Call Parms
Max/Min Power Setup
Maximum Power Setup
Minimum Power Setup
Maximum Power
25.95
dBm
Minimum Power
-59.39
dBm/1.23 MHz
Single
Cell 1 Power
-25.00
dBm/1.23 MHz
Cell Band
US PCS
Channel
600
Protocol Rev
6 (IS-2000-0)
Radio Config
(Fwd3, Rvs3)
S055 (Loopback
FCH Service Option Setup
Active Cell
Connected
Sys Type: IS-2000
Logging: No Conn.
1 of 2
IntRef
Offset
1 of 4

Channel 1175

TM1:



TM3:

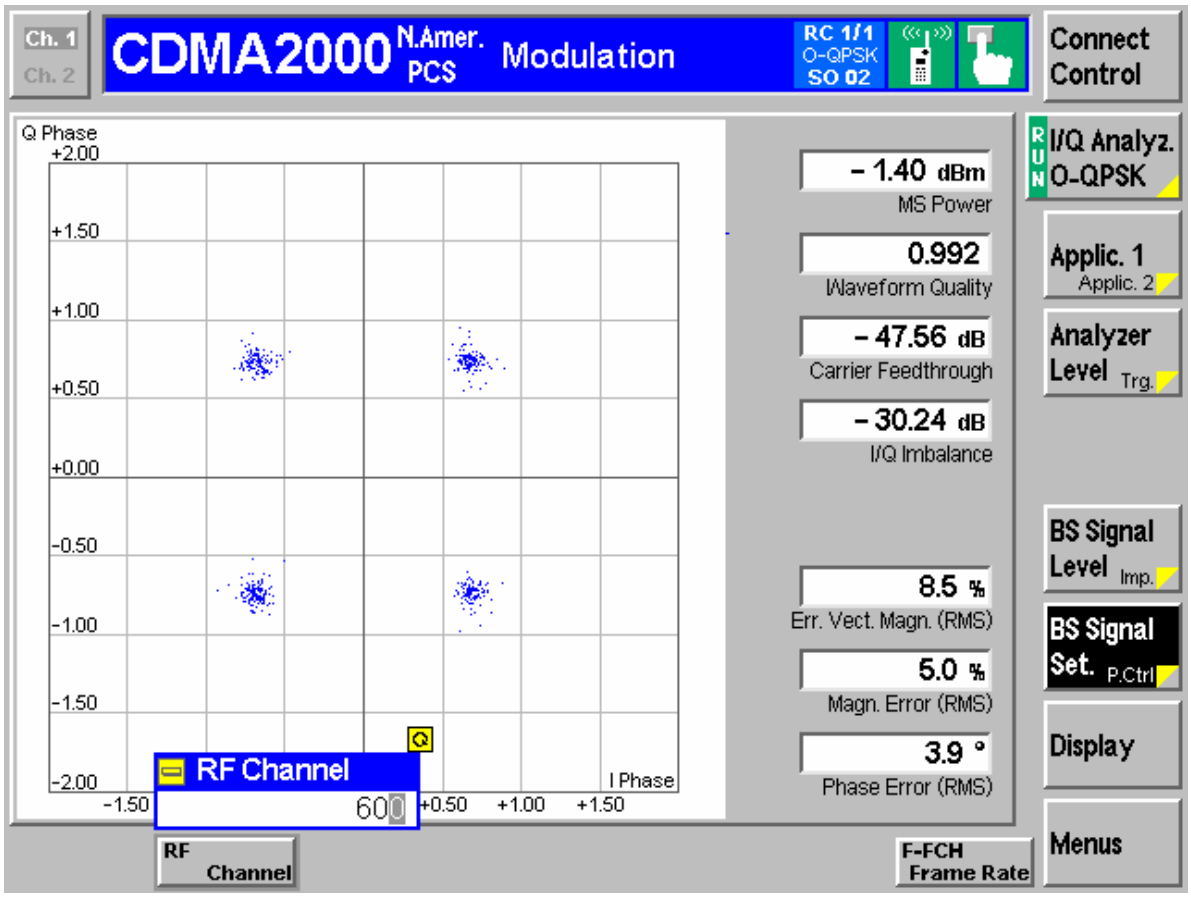

Measurement/Instrument Screen
Control
Maximum/Minimum Power
Call Parms
Max/Min Power Setup
Maximum Power Setup
Minimum Power Setup
Maximum Power
25.62
dBm
Minimum Power
-62.76
dBm/1.23 MHz
Single
Cell 1 Power
-25.00
dBm/1.23 MHz
Cell Band
US PCS
Channel
1175
Protocol Rev
6 (IS-2000-0)
Radio Config
(Fwd3, Rvs3)
S055 (Loopback)
FCH Service Option Setup
Active Cell
Connected
Sys Type: IS-2000
Logging: No Conn.
1 of 2
IntRef
Offset
1 of 4

Appendix B

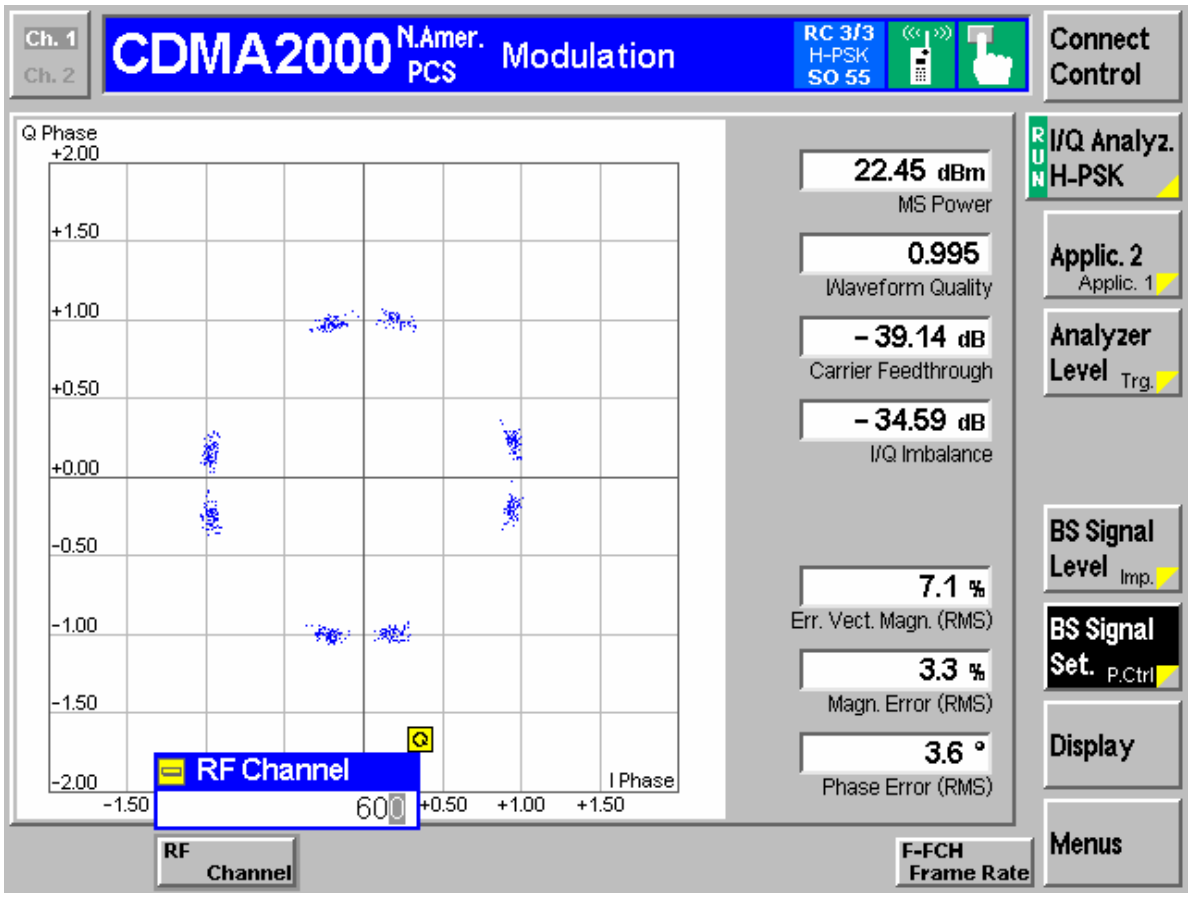
Modulation Characteristics

According to FCC Part 2.1047& Part 24 Subpart E

Channel 600（TM1）



Channel 600（TM3）

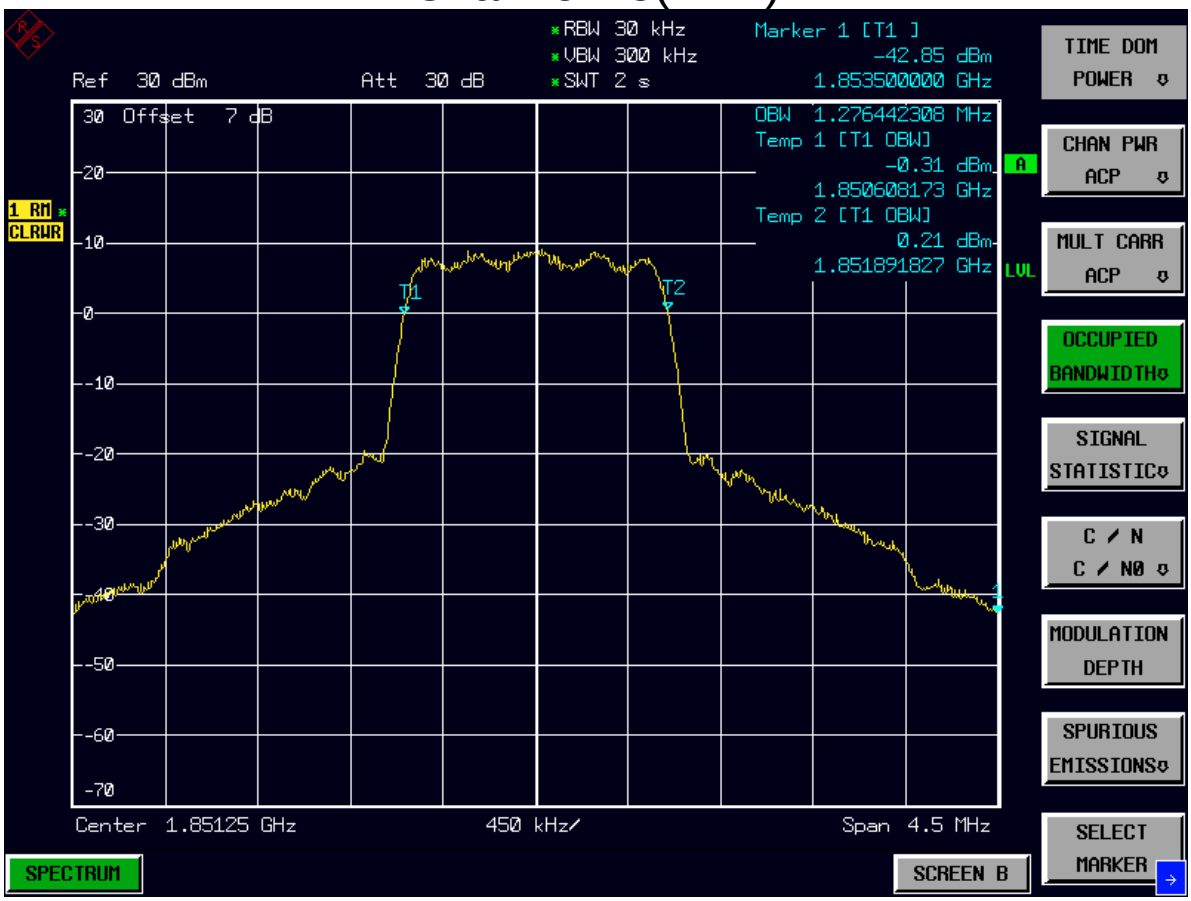


Appendix C

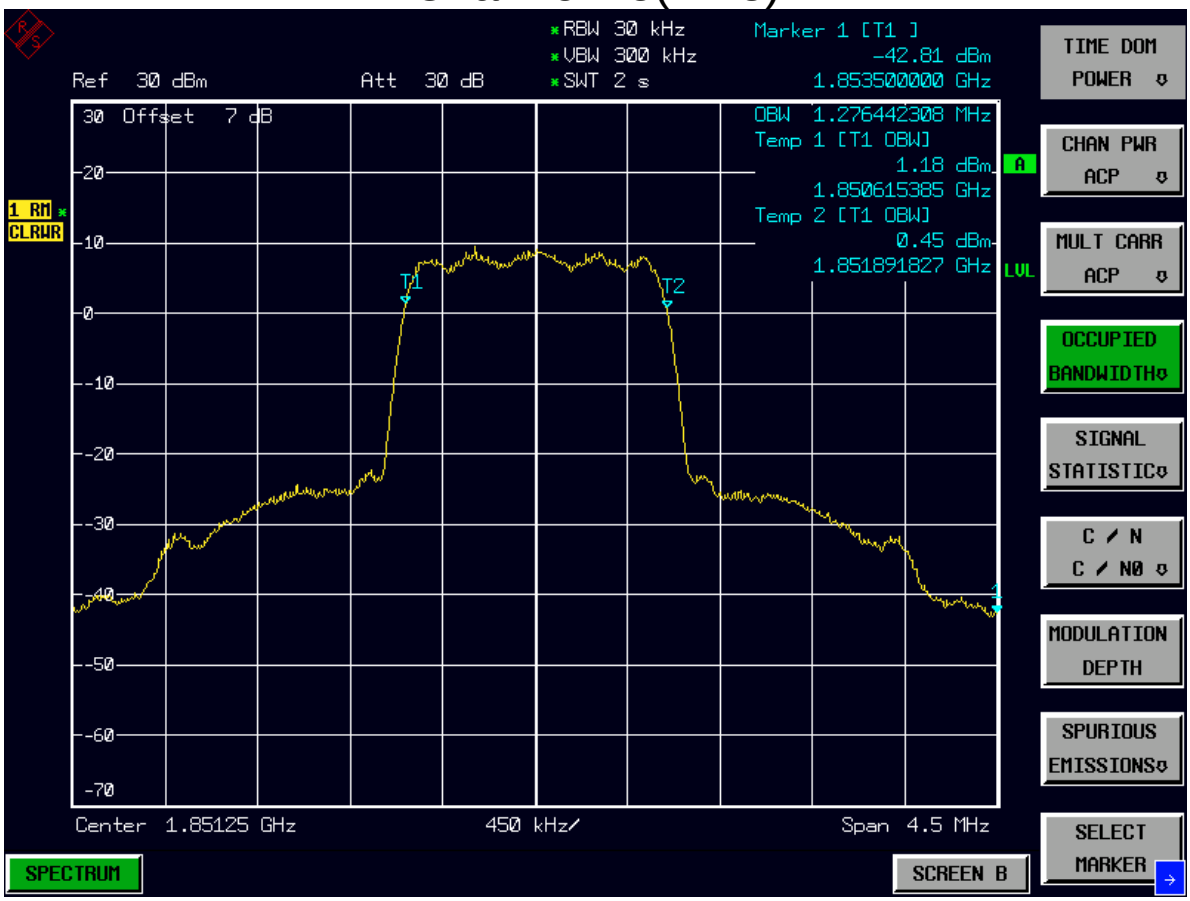
Occupied Bandwidth

According to FCC part 2.1049 & Part 24 Subpart E

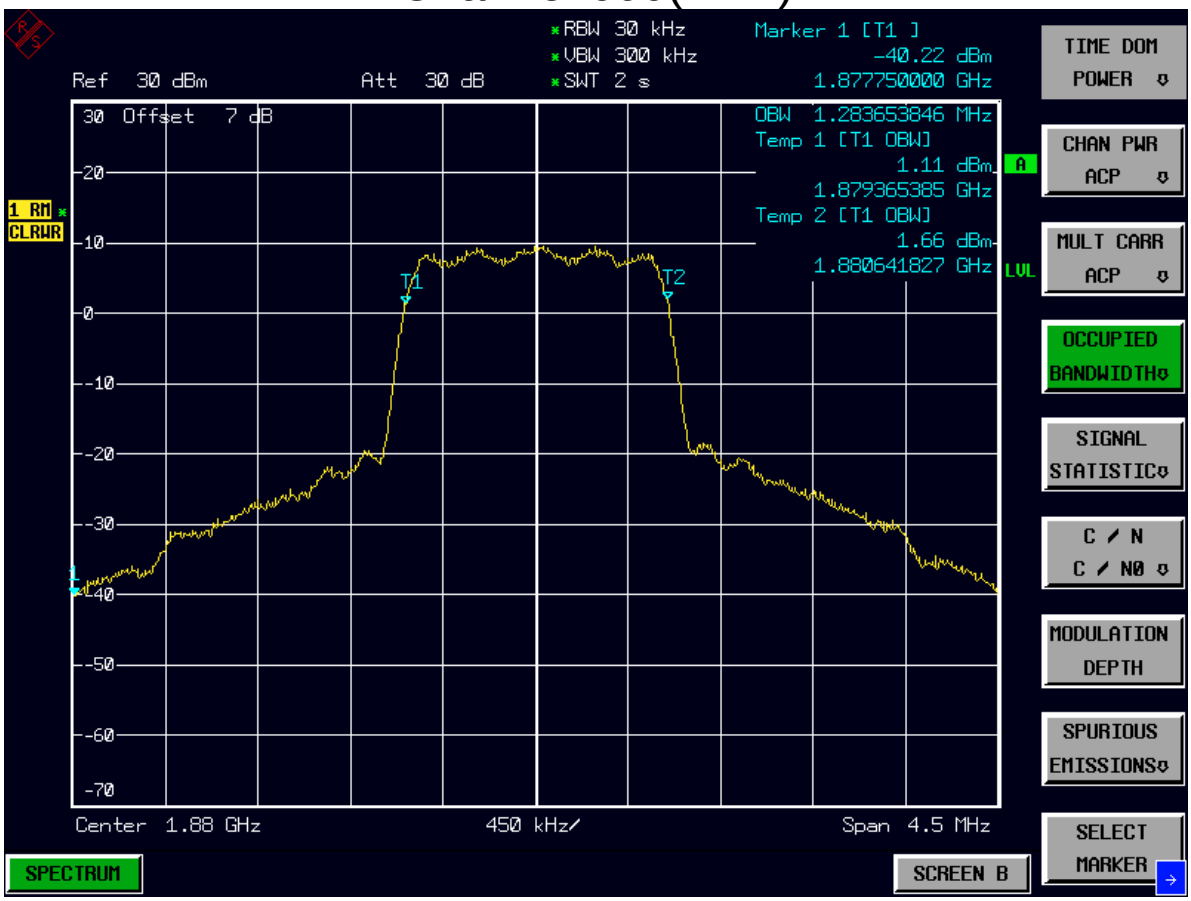
Channel 25(TM1)



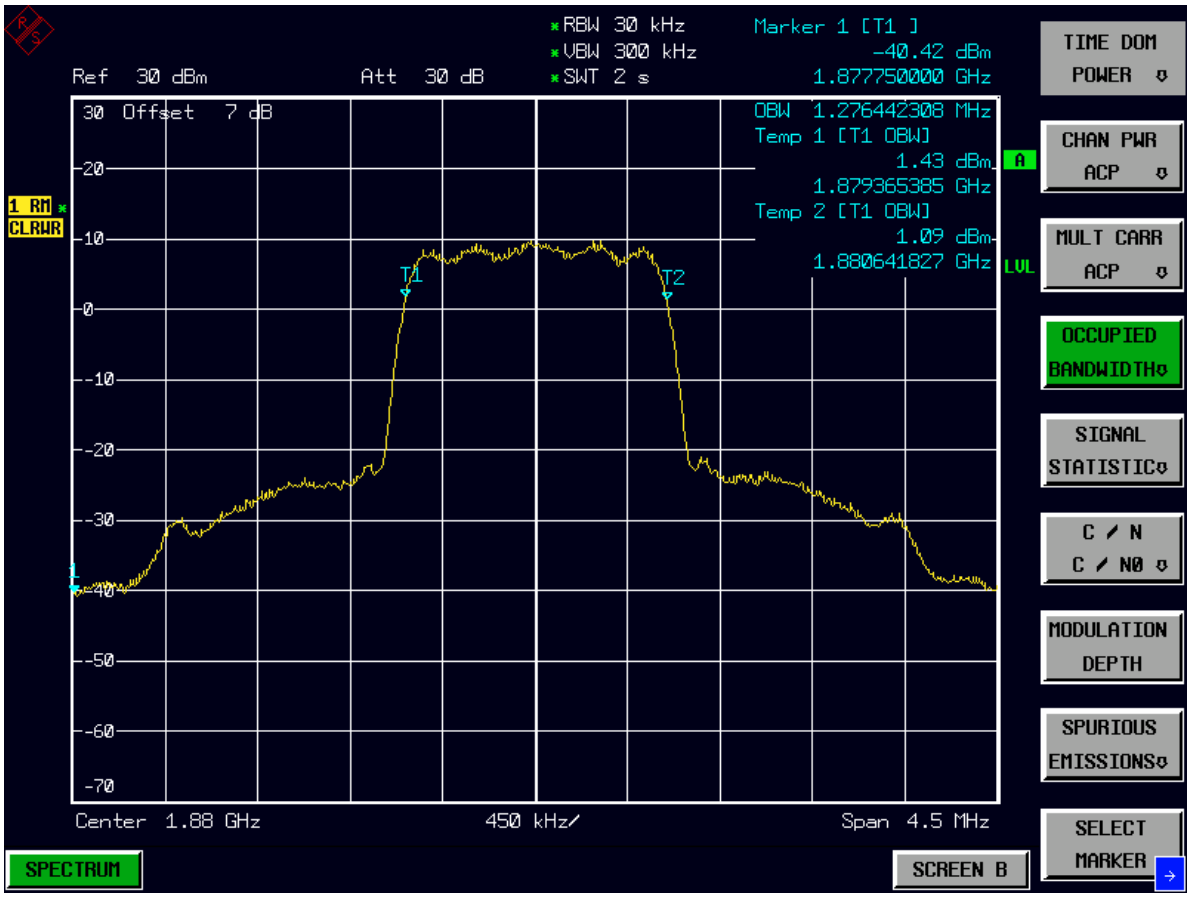
Channel 25(TM3)



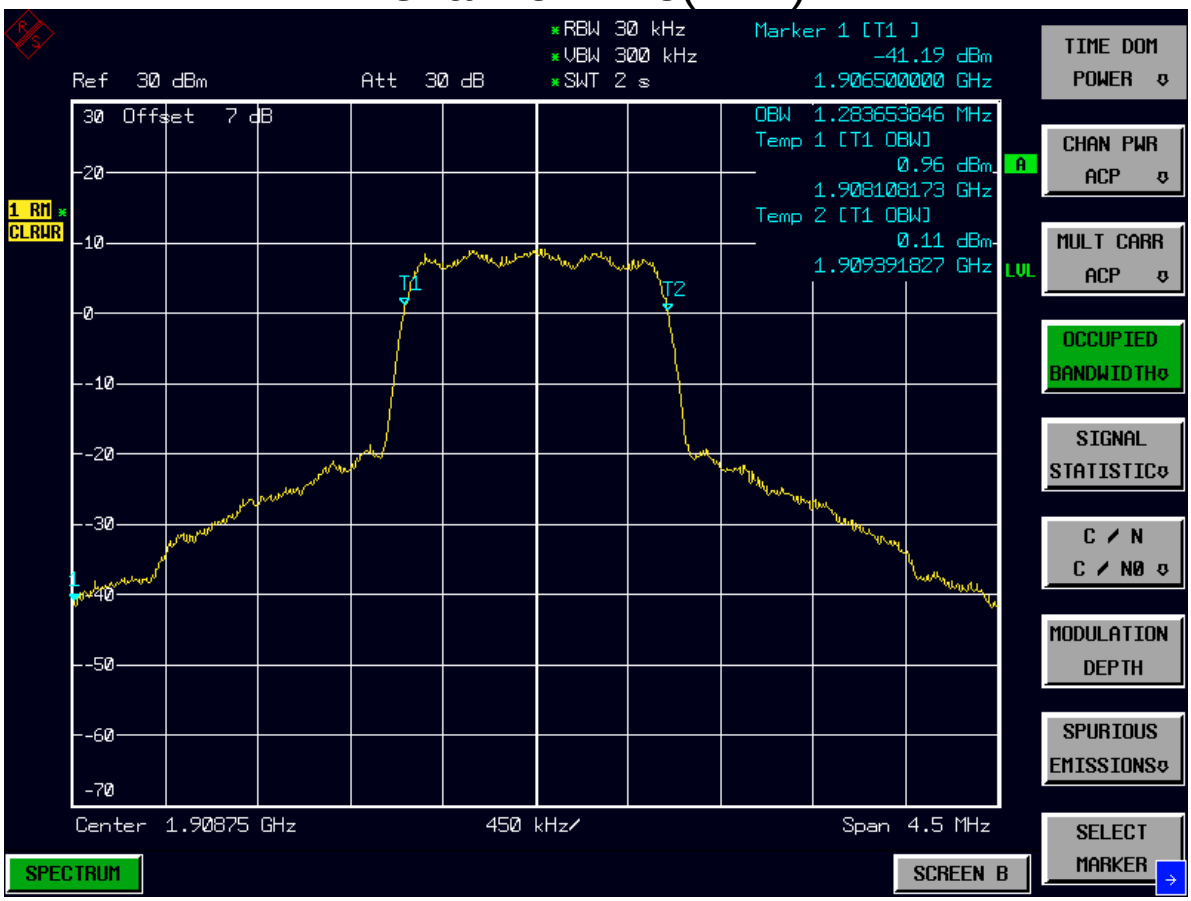
Channel 600(TM1)



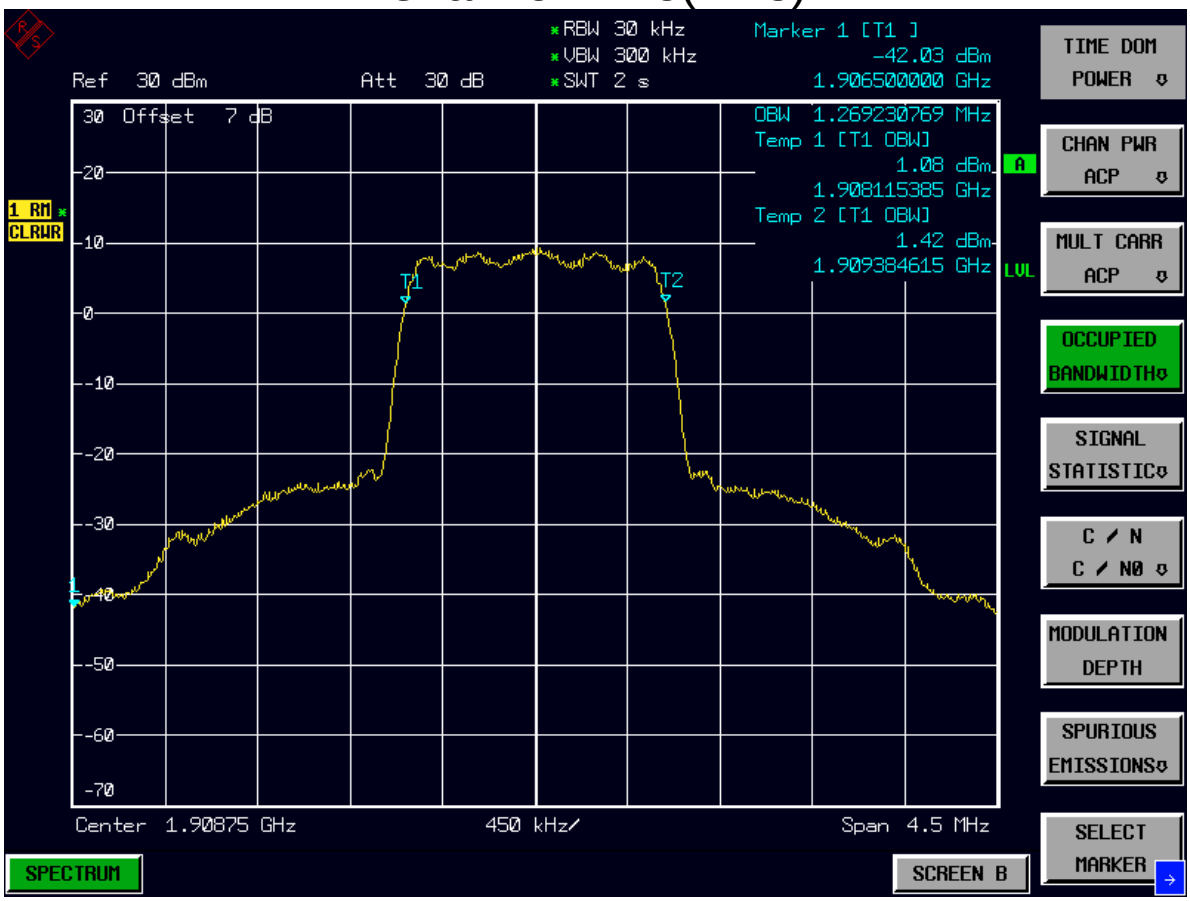
Channel 600(TM3)



Channel 1175(TM1)



Channel 1175(TM3)



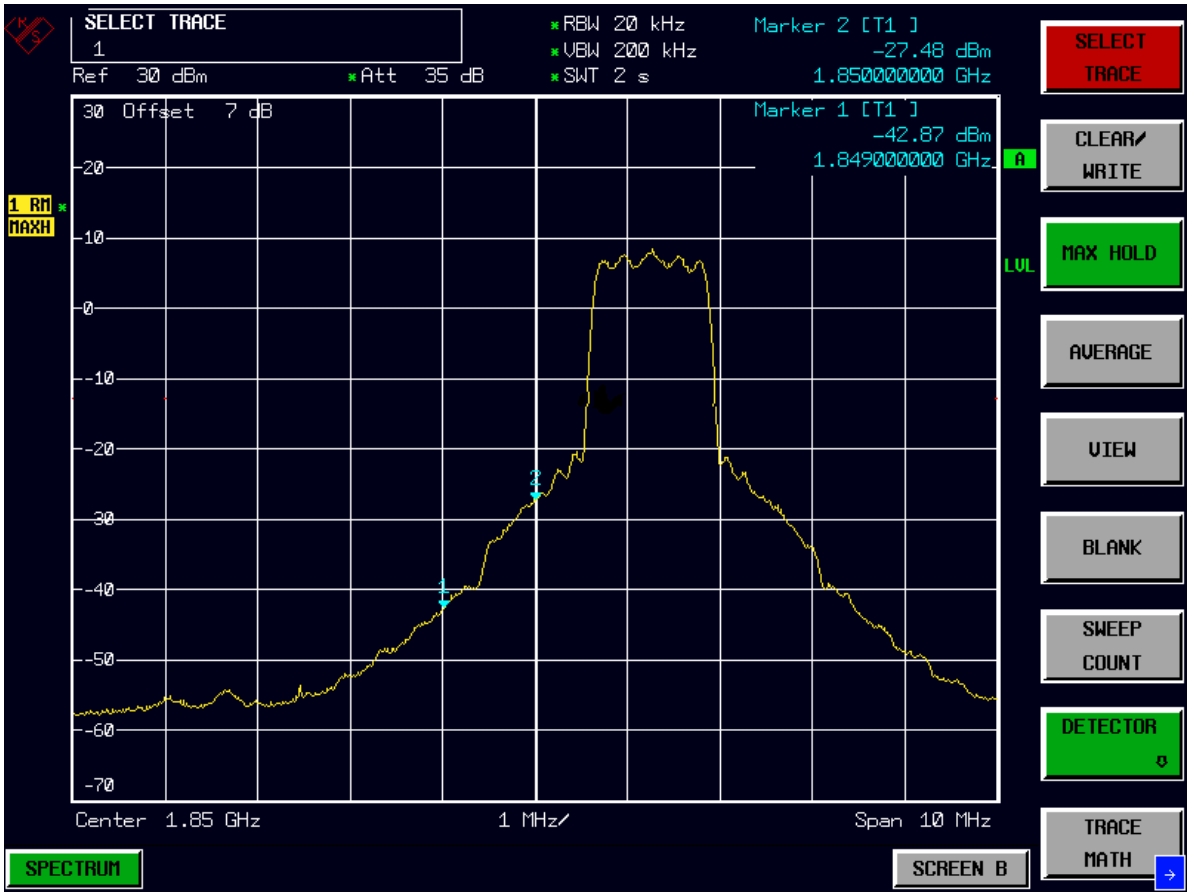
Appendix D

Band Edges Compliance

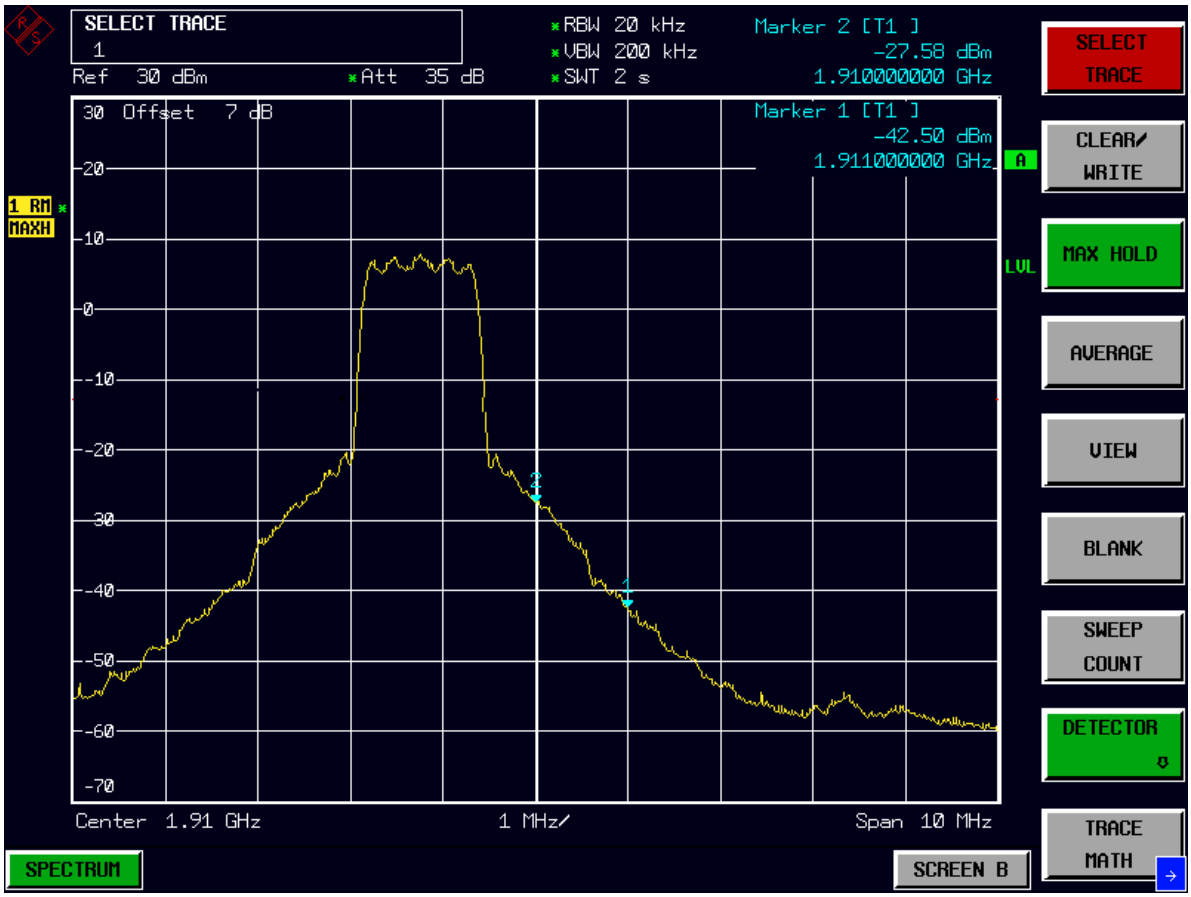
According to FCC Part 2.1051 & 24.238

TM1

Left Edge (1850 MHz)
Channel 25

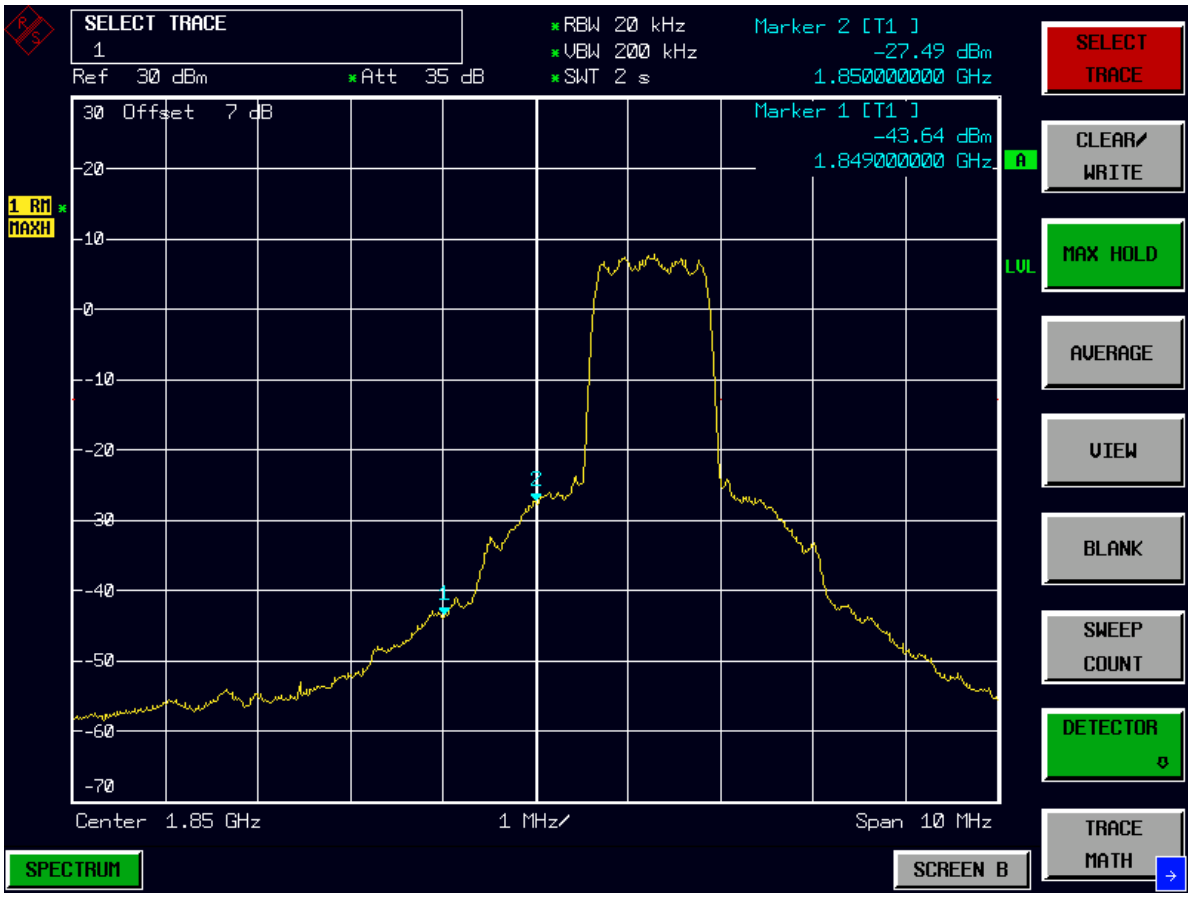


Right Edge (1910MHz)
Channel 1175

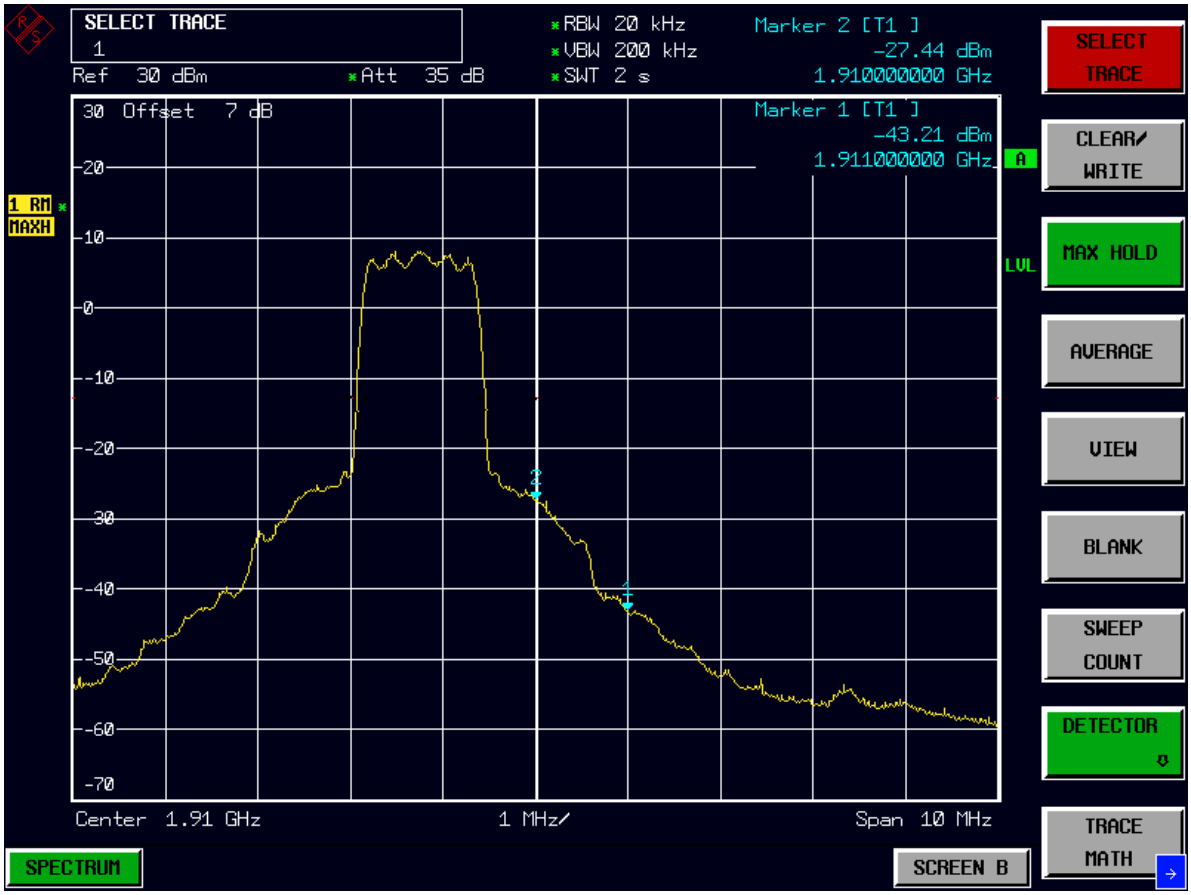


TM3

Left Edge (1850 MHz)
Channel 25



Right Edge (1910MHz)
Channel 1175



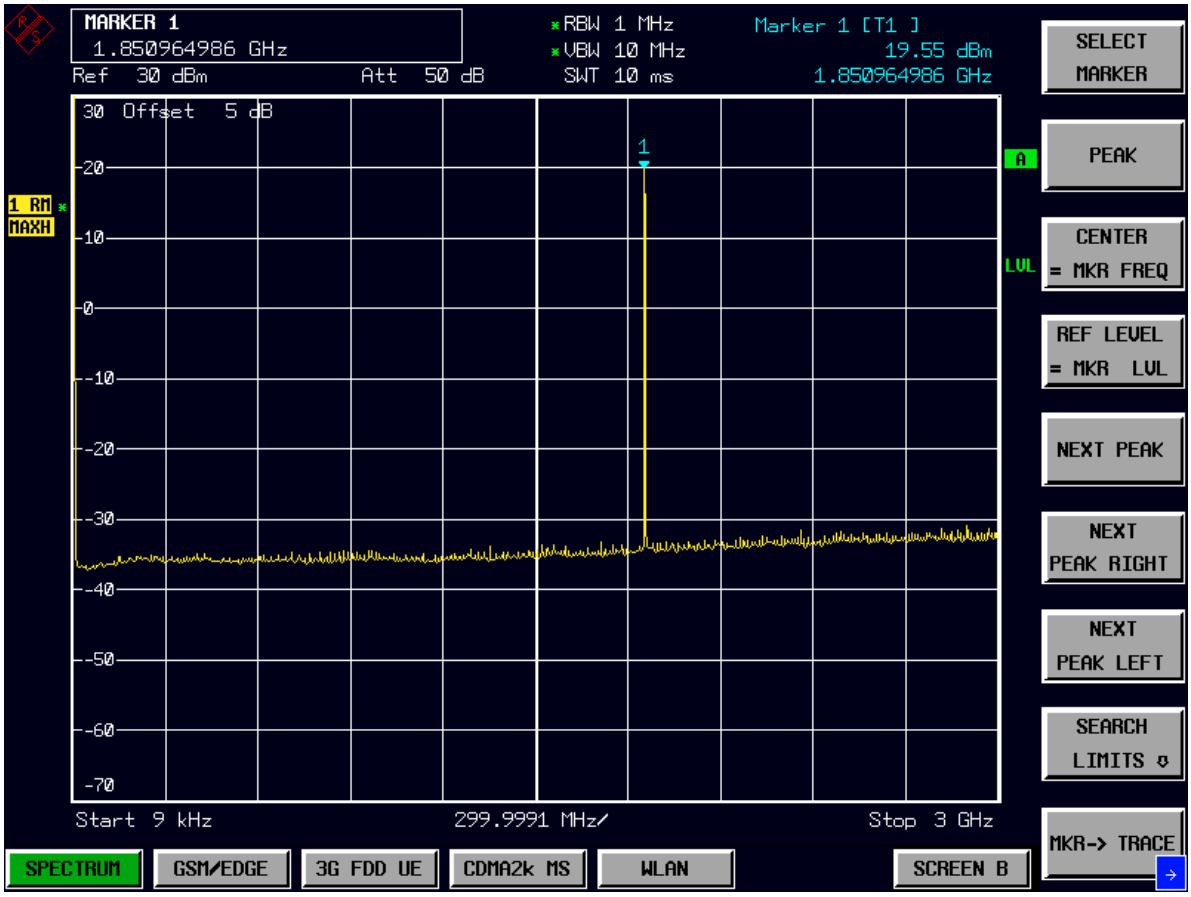
Appendix E

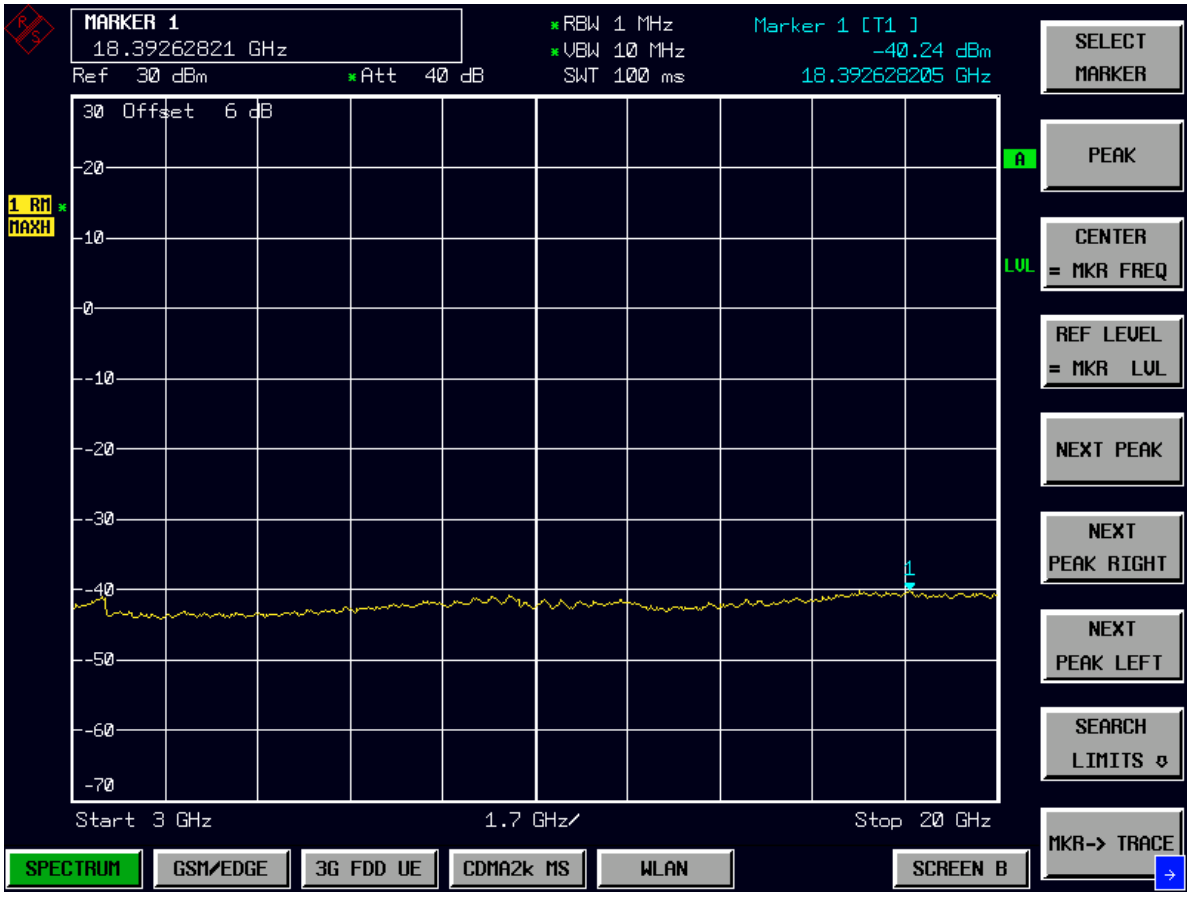
Spurious Emission at Antenna Terminal

According to FCC Part 2.1051 & 24.238

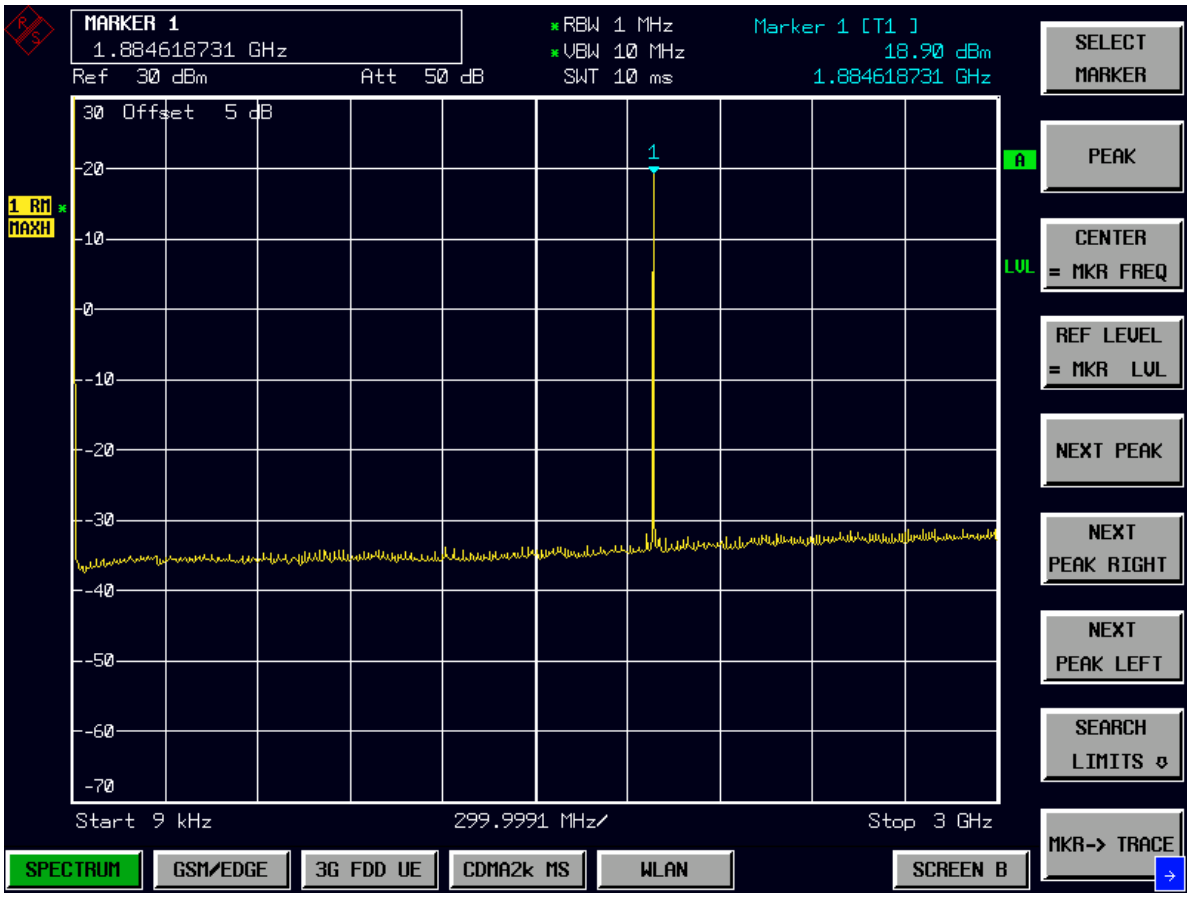
1.1 TM1

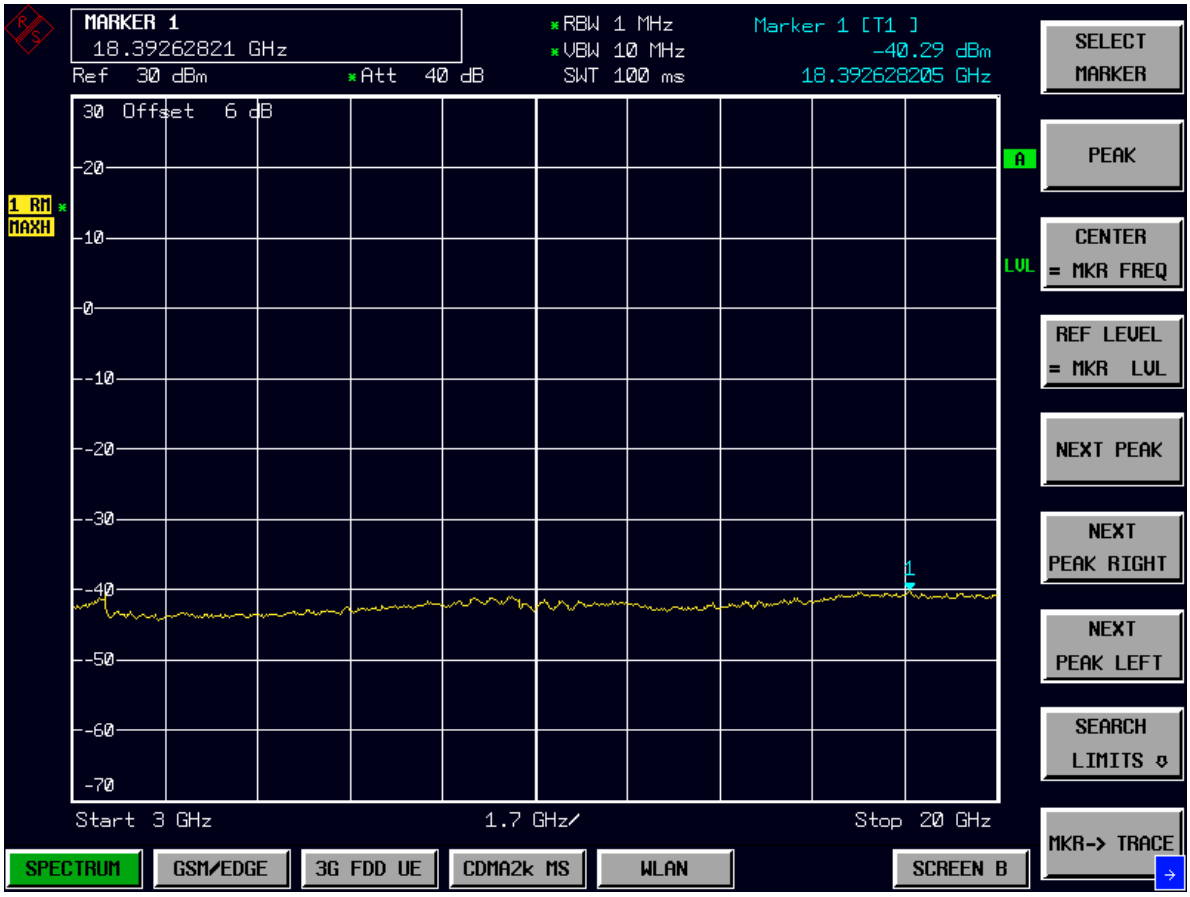
Channel 25



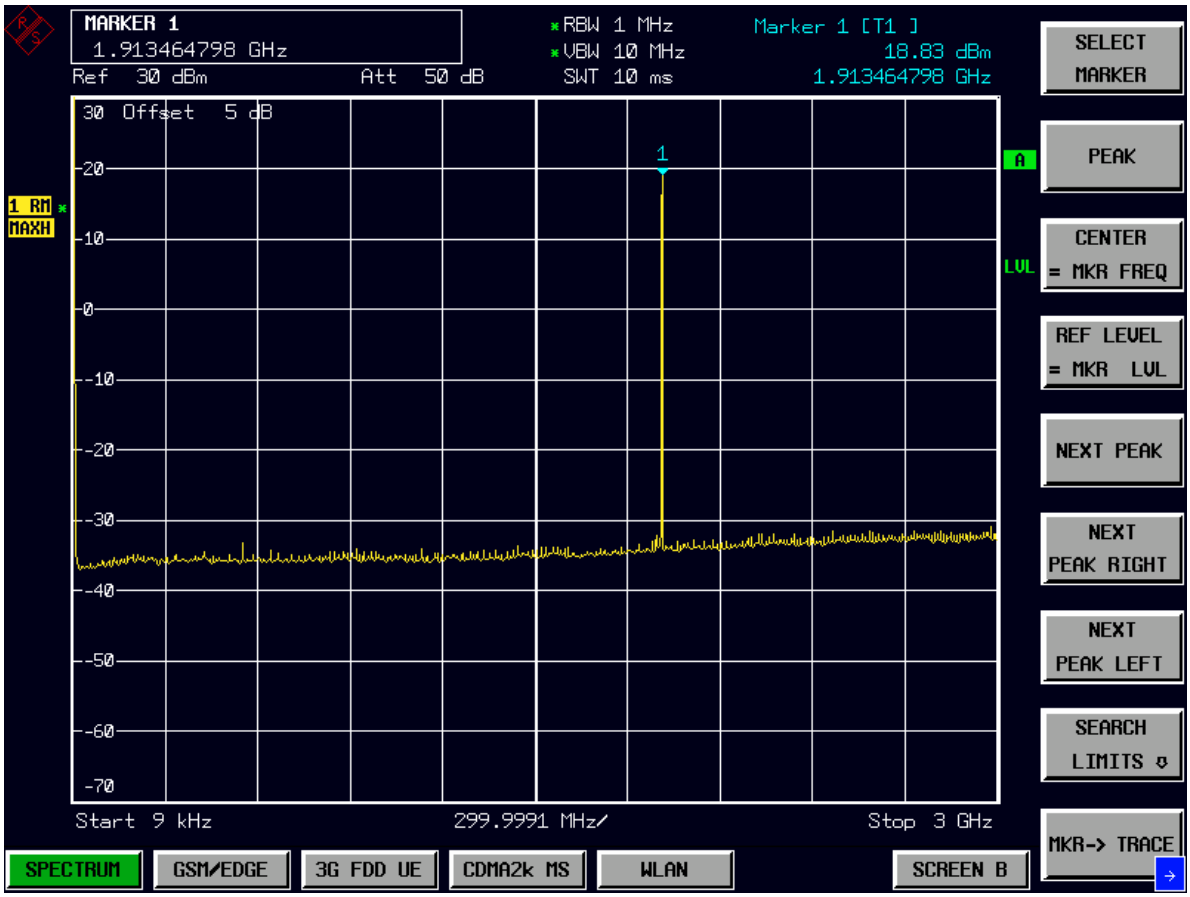

MARKER 1
18.39262821 GHz
Ref 30 dBm
Att 40 dB
RBW 1 MHz
VBW 10 MHz
SWT 100 ms
Marker 1 [T1]
-40.24 dBm
18.392628205 GHz
30 Offset 6 dB
1 RM
MAXH
A
LVL
Start 3 GHz
1.7 GHz/
Stop 20 GHz
SELECT MARKER
PEAK
CENTER = MKR FREQ
REF LEVEL = MKR LVL
NEXT PEAK
NEXT PEAK RIGHT
NEXT PEAK LEFT
SEARCH LIMITS
MKR-> TRACE
SPECTRUM
GSM/EDGE
3G FDD UE
CDMA2k MS
WLAN
SCREEN B

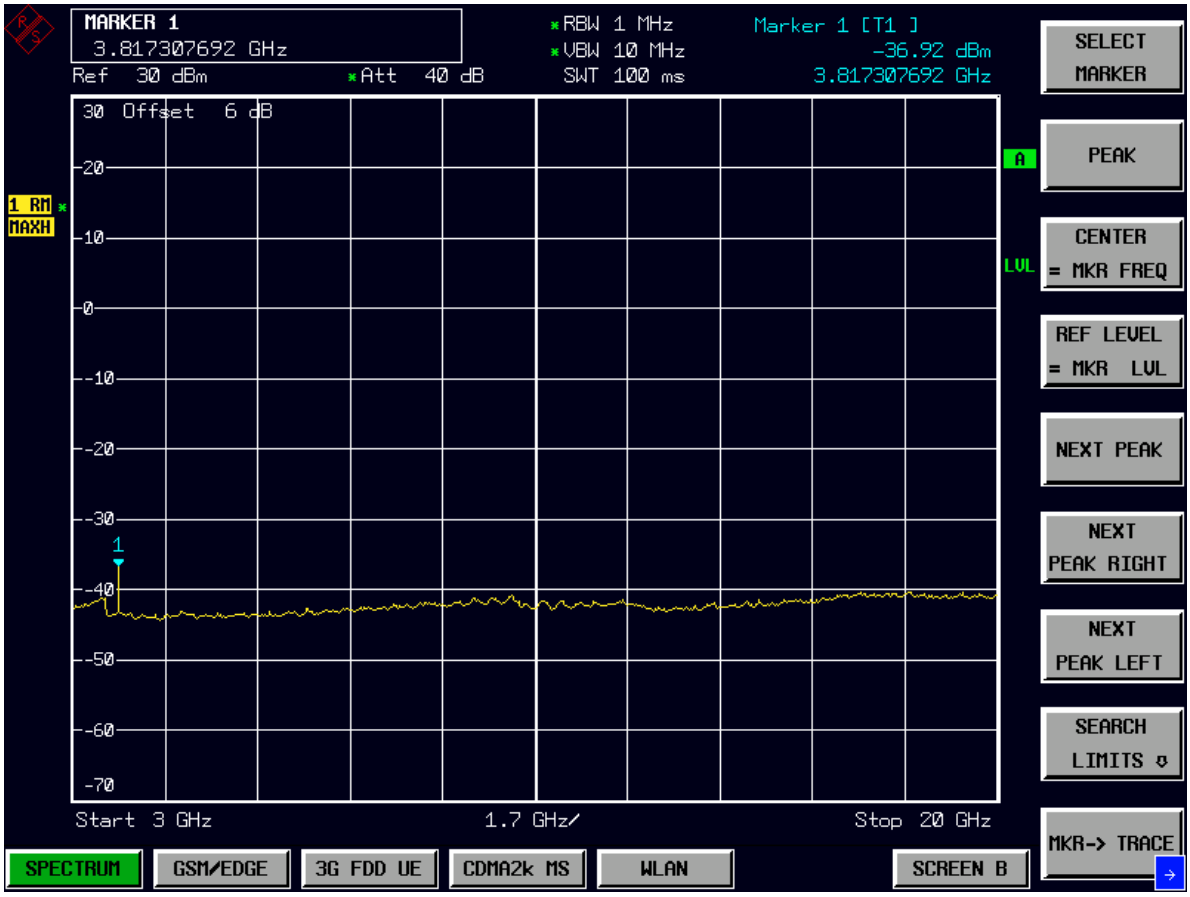
Channel 600


MARKER 1
1.884618731 GHz
RBW 1 MHz
VBW 10 MHz
SWT 10 ms
Marker 1 [T1]
18.90 dBm
1.884618731 GHz
Ref 30 dBm
Att 50 dB
30 Offset 5 dB
1 RM
MAXH
A
LVL
Start 9 kHz
299.9991 MHz/
Stop 3 GHz
SELECT MARKER
PEAK
CENTER = MKR FREQ
REF LEVEL = MKR LVL
NEXT PEAK
NEXT PEAK RIGHT
NEXT PEAK LEFT
SEARCH LIMITS
MKR-> TRACE
SPECTRUM
GSM/EDGE
3G FDD UE
CDMA2k MS
WLAN
SCREEN B


MARKER 1
18.39262821 GHz
Ref 30 dBm
Att 40 dB
RBW 1 MHz
VBW 10 MHz
SWT 100 ms
Marker 1 [T1]
-40.29 dBm
18.392628205 GHz
30 Offset 6 dB
1 RM
MAXH
A
LVL
Start 3 GHz
1.7 GHz/
Stop 20 GHz
SELECT MARKER
PEAK
CENTER = MKR FREQ
REF LEVEL = MKR LVL
NEXT PEAK
NEXT PEAK RIGHT
NEXT PEAK LEFT
SEARCH LIMITS
MKR-> TRACE
SPECTRUM
GSM/EDGE
3G FDD UE
CDMA2k MS
WLAN
SCREEN B

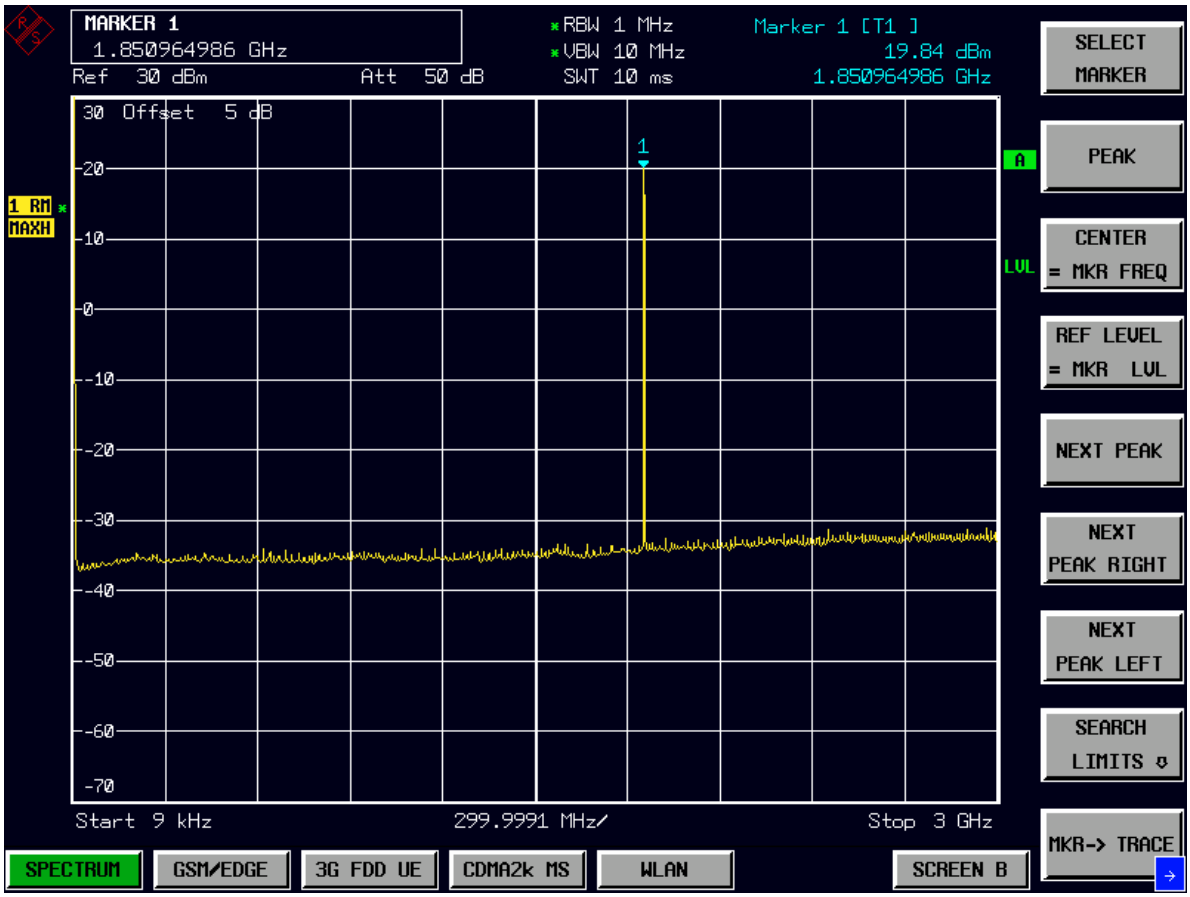
Channel 1175

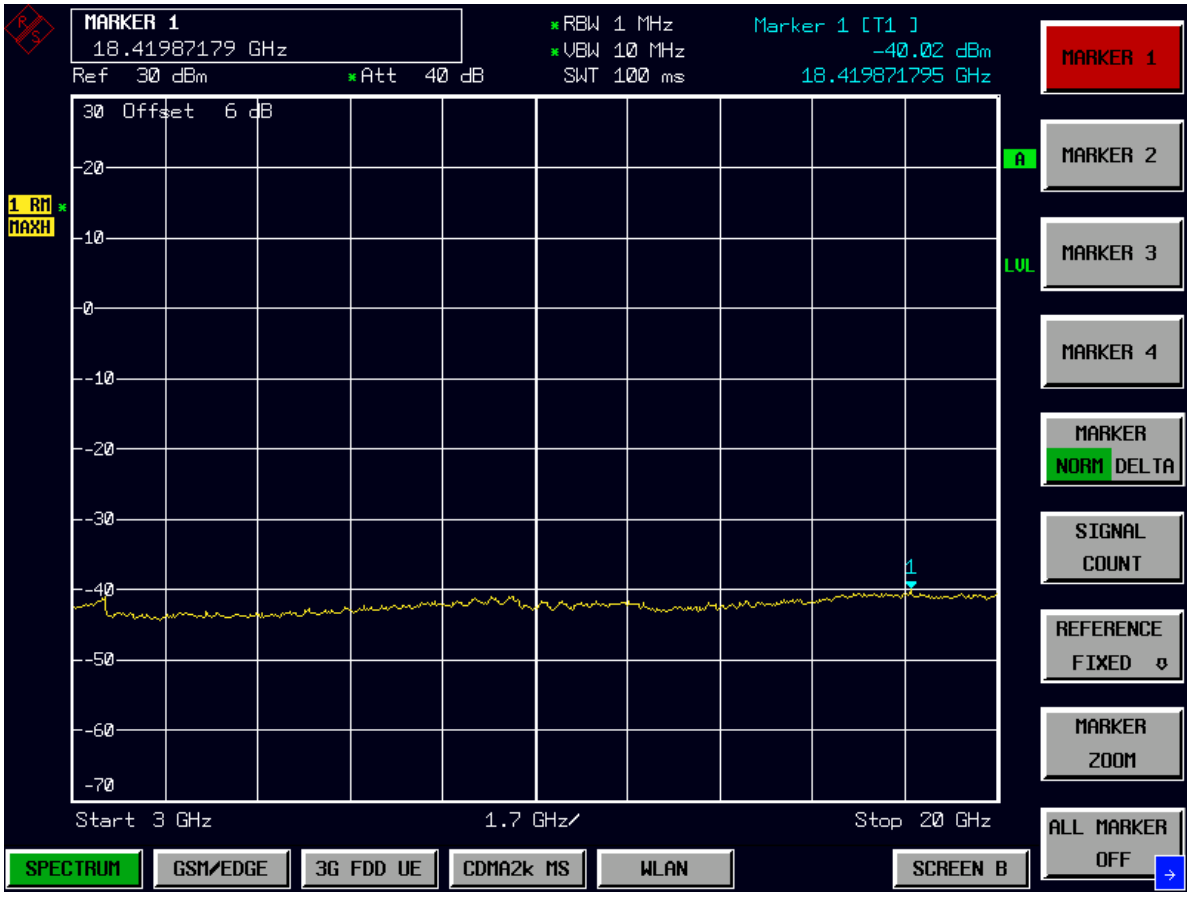



MARKER 1
3.817307692 GHz
Ref 30 dBm
Att 40 dB
RBW 1 MHz
VBW 10 MHz
SWT 100 ms
Marker 1 [T1]
-36.92 dBm
3.817307692 GHz
30 Offset 6 dB
1 RM
MAXH
A
LVL
Start 3 GHz
1.7 GHz/
Stop 20 GHz
SELECT MARKER
PEAK
CENTER = MKR FREQ
REF LEVEL = MKR LVL
NEXT PEAK
NEXT PEAK RIGHT
NEXT PEAK LEFT
SEARCH LIMITS
MKR-> TRACE
SPECTRUM
GSM/EDGE
3G FDD UE
CDMA2k MS
WLAN
SCREEN B

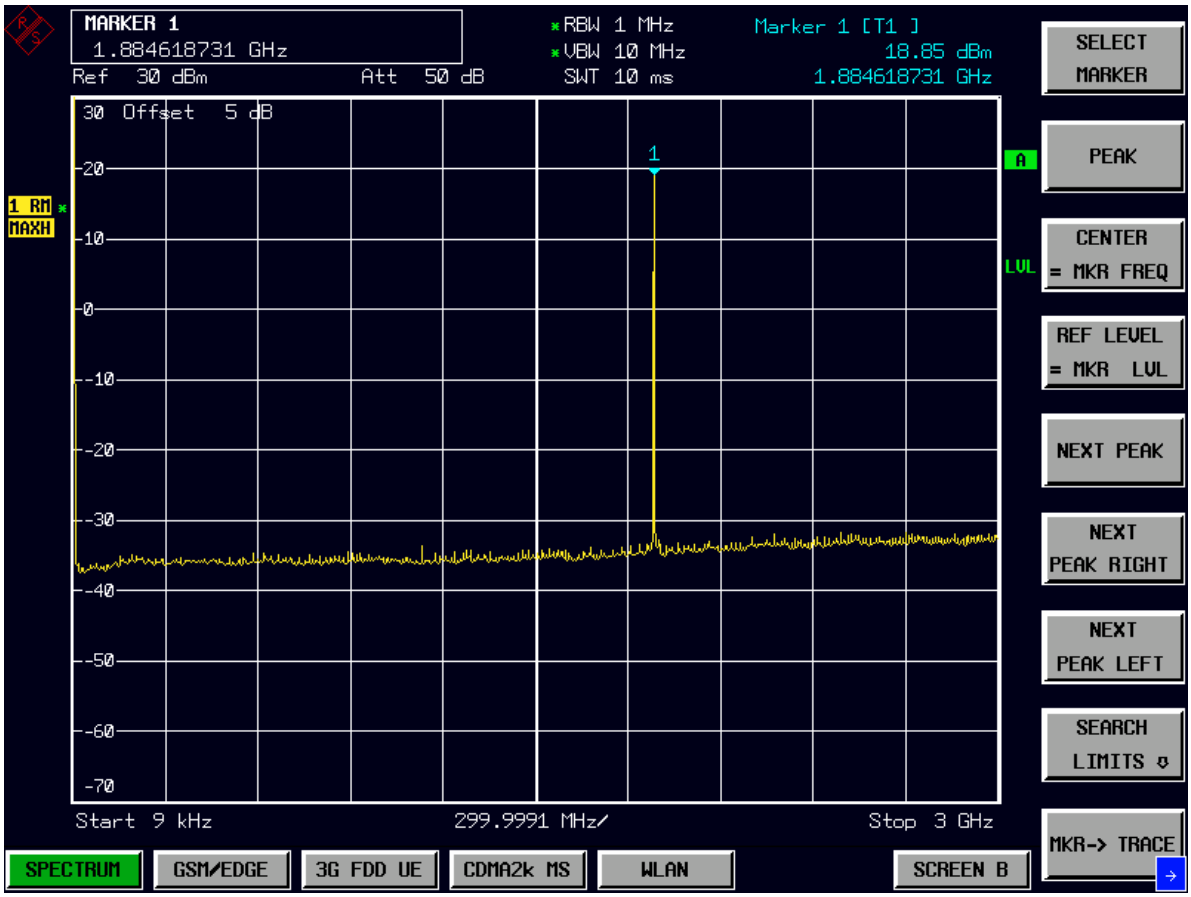
TM3

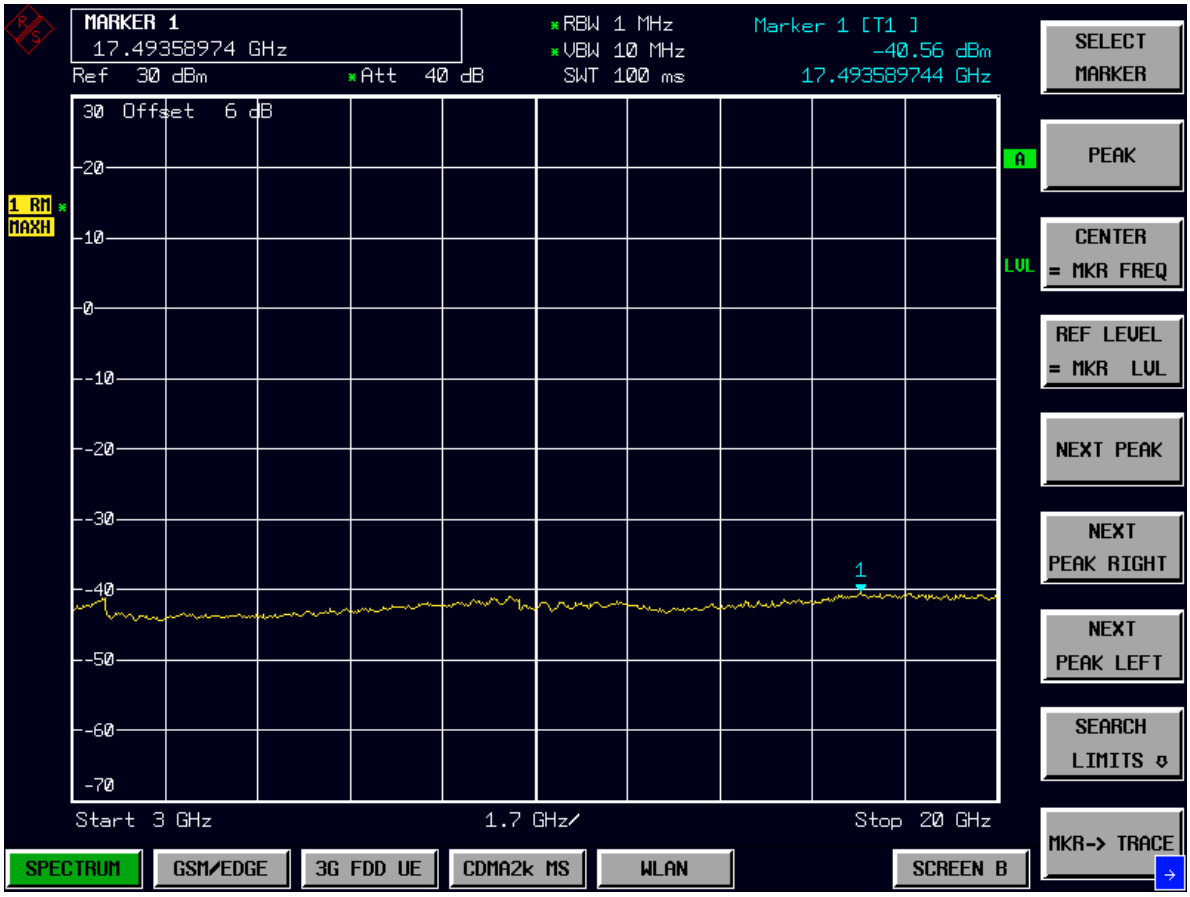
Channel 25



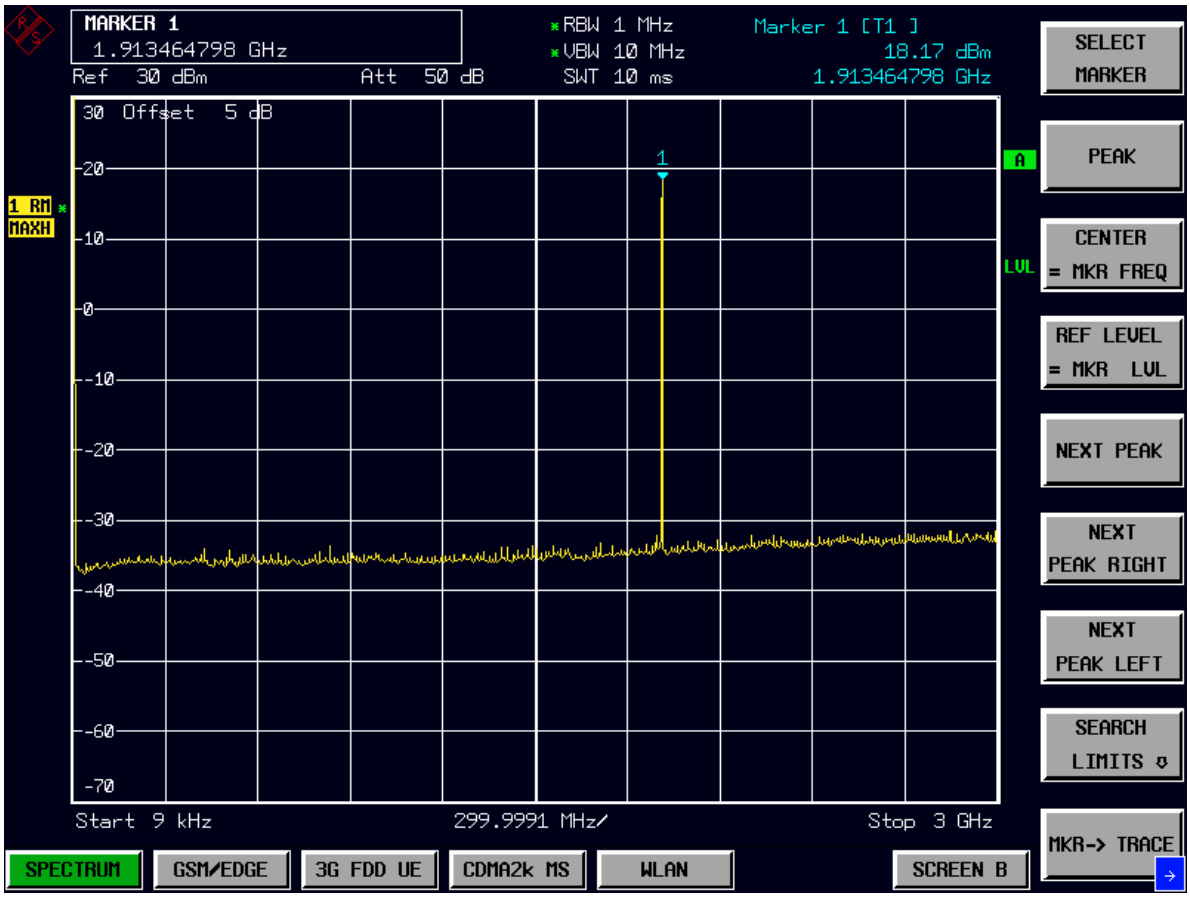

MARKER 1
18.41987179 GHz
Ref 30 dBm
Att 40 dB
RBW 1 MHz
VBW 10 MHz
SWT 100 ms
Marker 1 [T1]
-40.02 dBm
18.419871795 GHz
30 Offset 6 dB
1 RM
MAXH
A
LVL
Start 3 GHz
1.7 GHz/
Stop 20 GHz
MARKER 1
MARKER 2
MARKER 3
MARKER 4
MARKER
NORM DELTA
SIGNAL
COUNT
REFERENCE
FIXED
MARKER
ZOOM
ALL MARKER
OFF
SPECTRUM
GSM/EDGE
3G FDD UE
CDMA2k MS
WLAN
SCREEN B

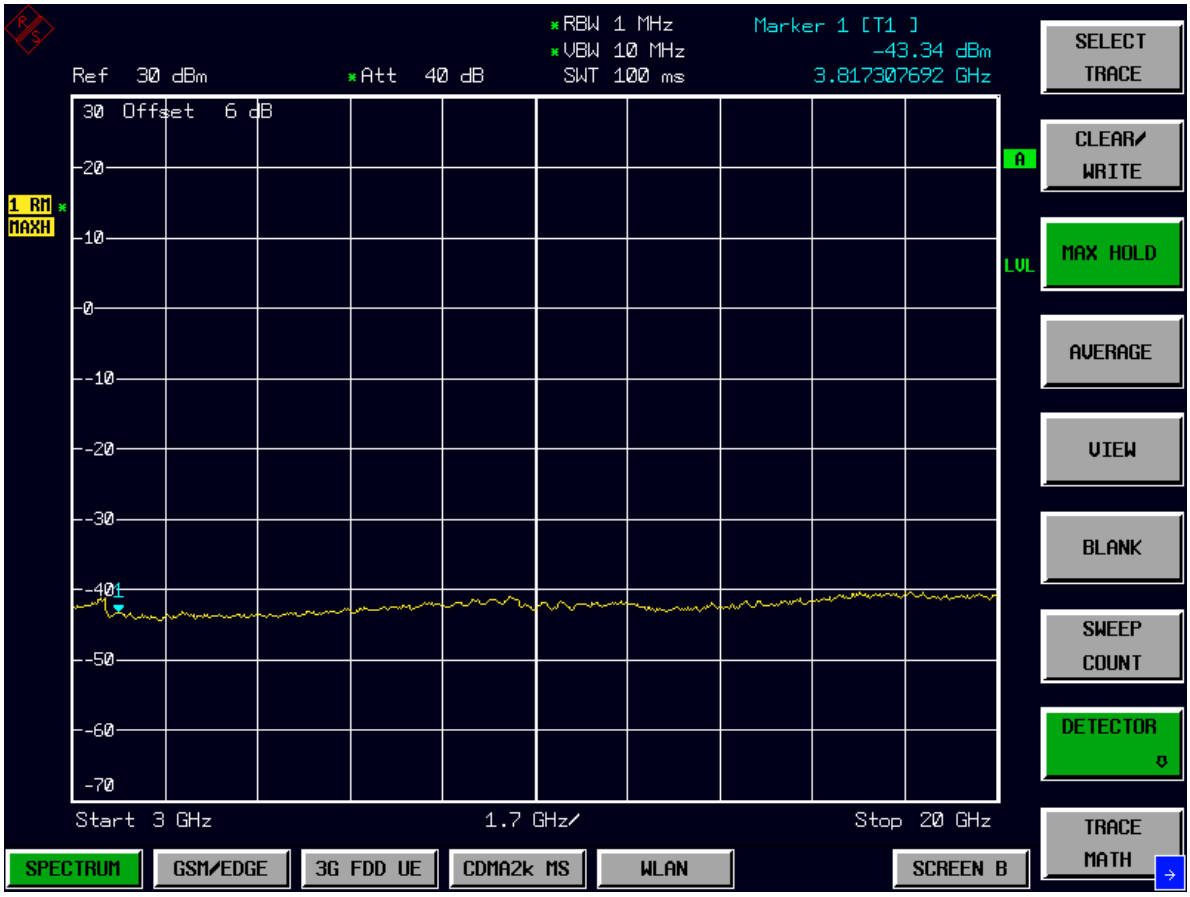
Channel 600


MARKER 1
1.884618731 GHz
RBW 1 MHz
VBW 10 MHz
SWT 10 ms
Marker 1 [T1]
18.85 dBm
1.884618731 GHz
Ref 30 dBm
Att 50 dB
30 Offset 5 dB
1 RM
MAXH
A
LVL
Start 9 kHz
299.9991 MHz/
Stop 3 GHz
SELECT MARKER
PEAK
CENTER = MKR FREQ
REF LEVEL = MKR LVL
NEXT PEAK
NEXT PEAK RIGHT
NEXT PEAK LEFT
SEARCH LIMITS
MKR-> TRACE
SPECTRUM
GSM/EDGE
3G FDD UE
CDMA2k MS
WLAN
SCREEN B


MARKER 1
17.49358974 GHz
Ref 30 dBm
Att 40 dB
RBW 1 MHz
VBW 10 MHz
SWT 100 ms
Marker 1 [T1]
-40.56 dBm
17.493589744 GHz
30 Offset 6 dB
1 RM
MAXH
A
LVL
Start 3 GHz
1.7 GHz/
Stop 20 GHz
SELECT MARKER
PEAK
CENTER = MKR FREQ
REF LEVEL = MKR LVL
NEXT PEAK
NEXT PEAK RIGHT
NEXT PEAK LEFT
SEARCH LIMITS
MKR-> TRACE
SPECTRUM
GSM/EDGE
3G FDD UE
CDMA2k MS
WLAN
SCREEN B

Channel 1175



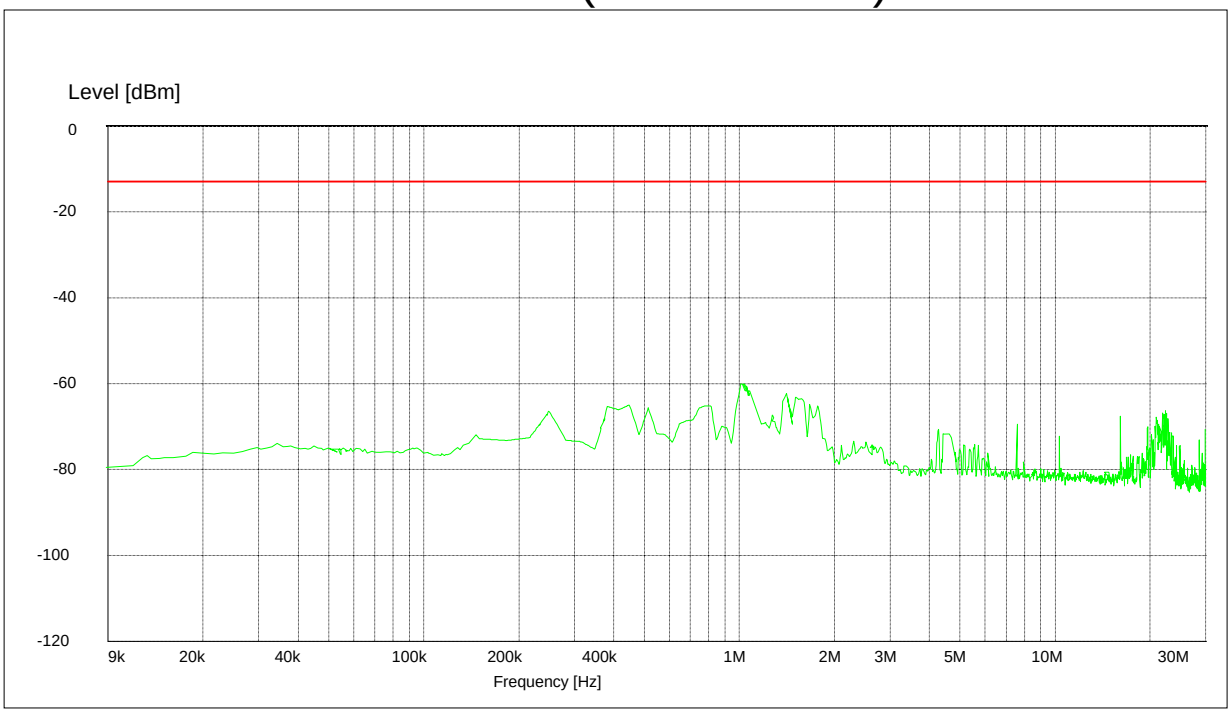

RBW 1 MHz
VBW 10 MHz
SWT 100 ms
Marker 1 [T1]
-43.34 dBm
3.817307692 GHz
Ref 30 dBm
Att 40 dB
30 Offset 6 dB
1 RM
MAXH
A
LVL
Start 3 GHz
1.7 GHz/
Stop 20 GHz
SELECT TRACE
CLEAR/ WRITE
MAX HOLD
AVERAGE
VIEW
BLANK
SWEEP COUNT
DETECTOR
TRACE MATH
SPECTRUM
GSM/EDGE
3G FDD UE
CDMA2k MS
WLAN
SCREEN B

Appendix F

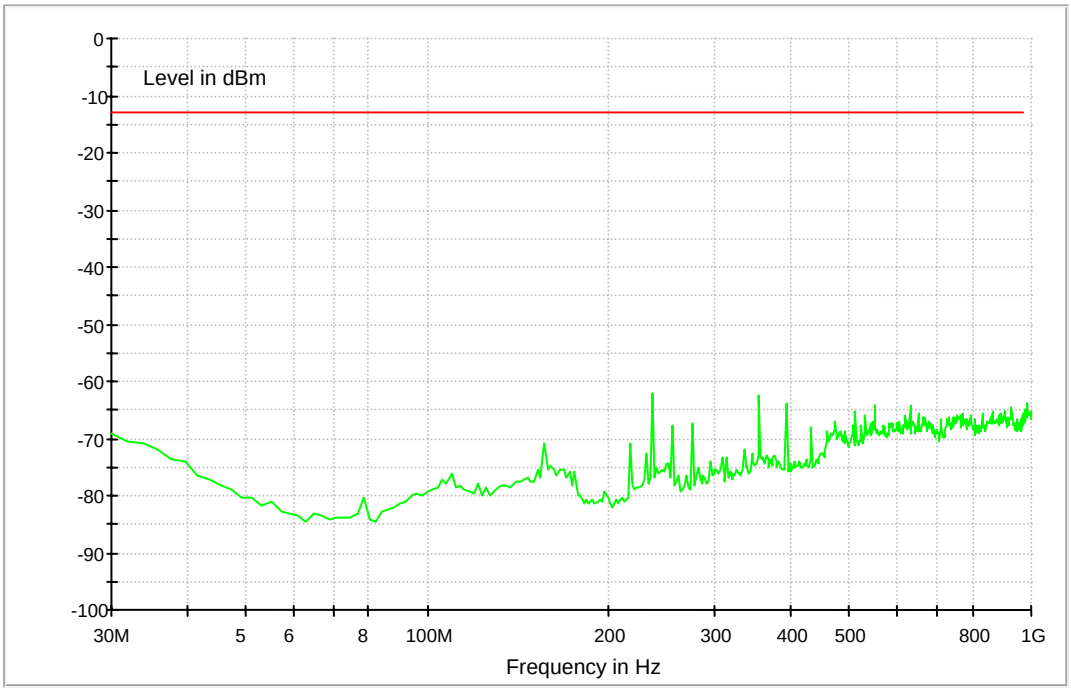
Radiated Spurious Emission

According to FCC Part 2.1053 & 24.238

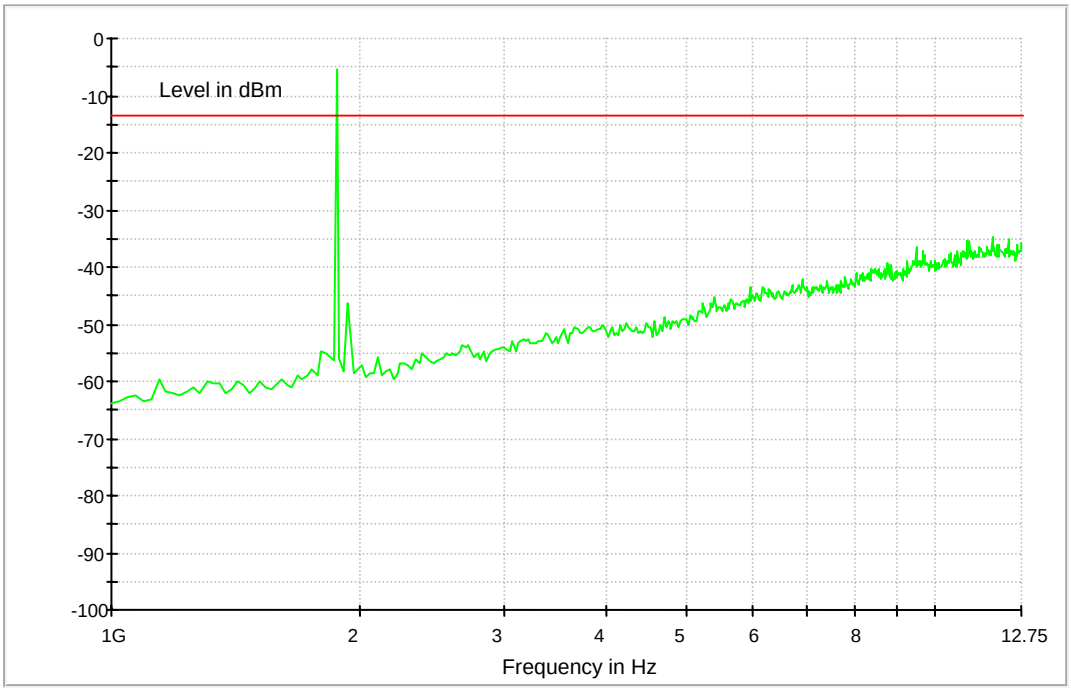
Traffic Mode (9kHz-30MHz)



Traffic Mode (30MHz-1GHz)

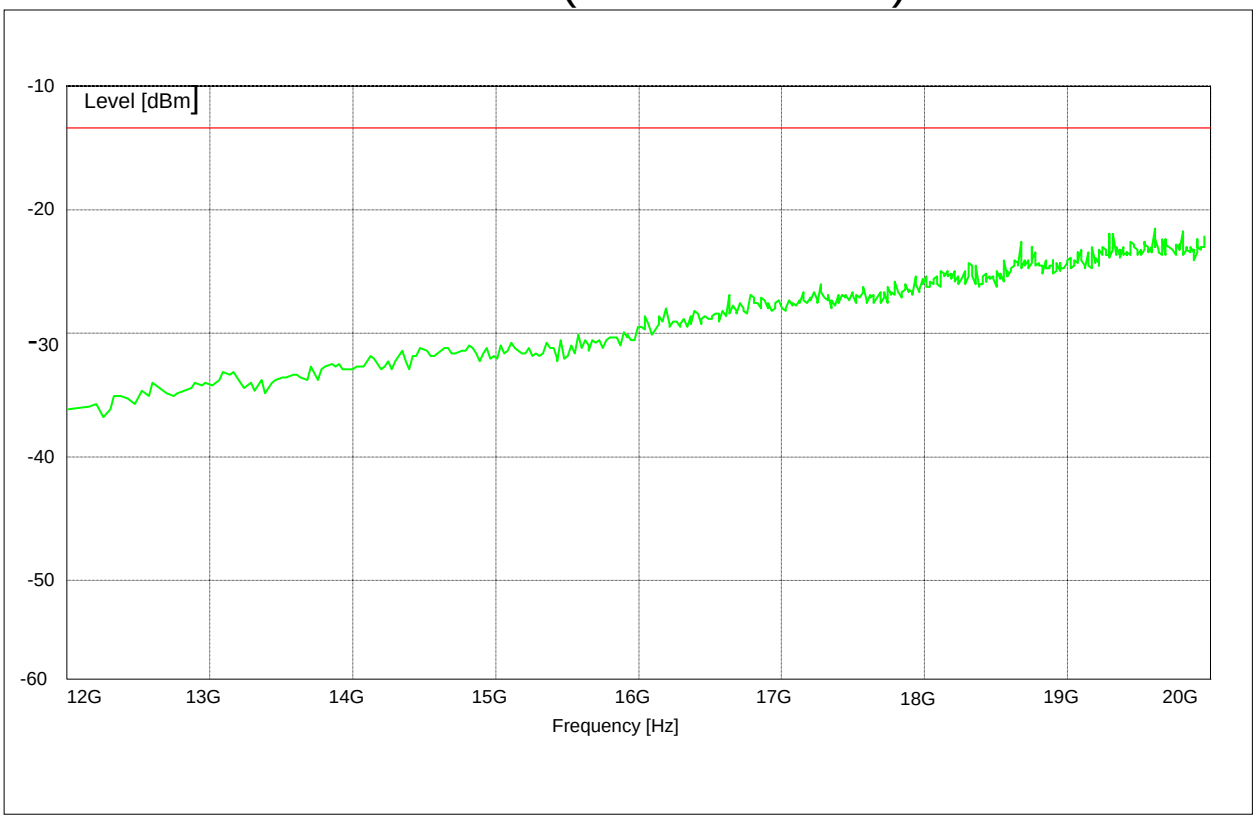


Traffic Mode (1GHz-12.75GHz)

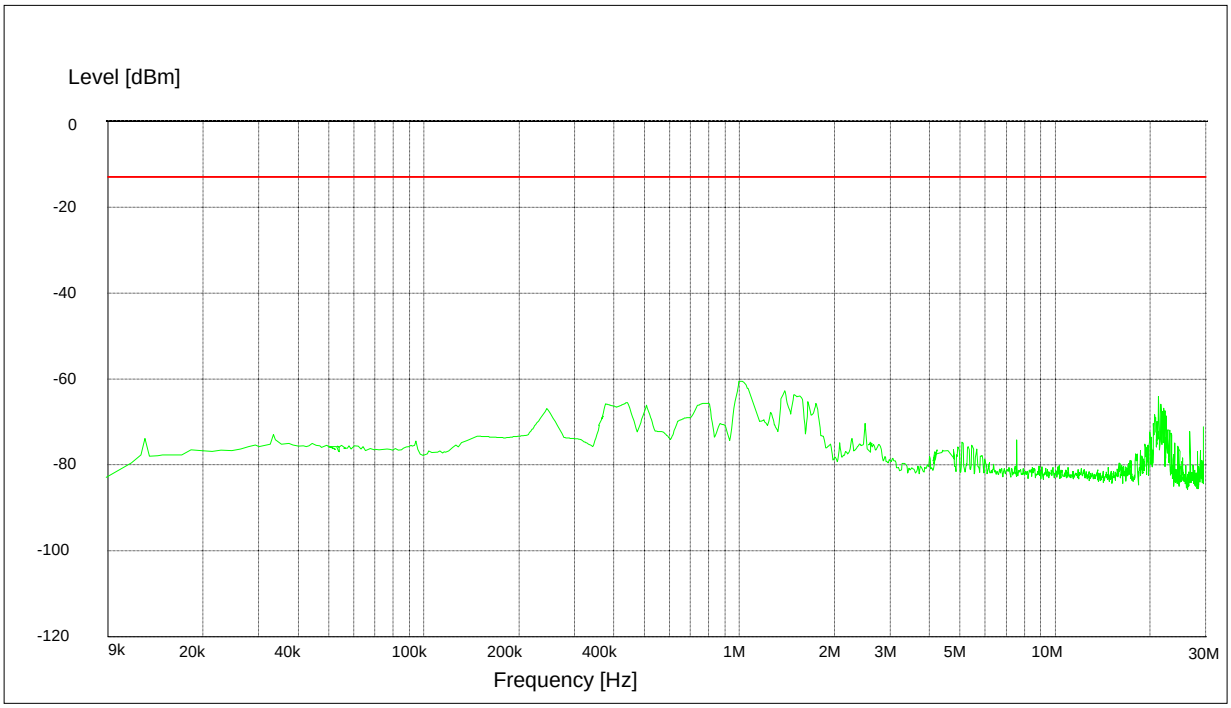


Note: The frequency which exceeded the limit was the carrier frequency.

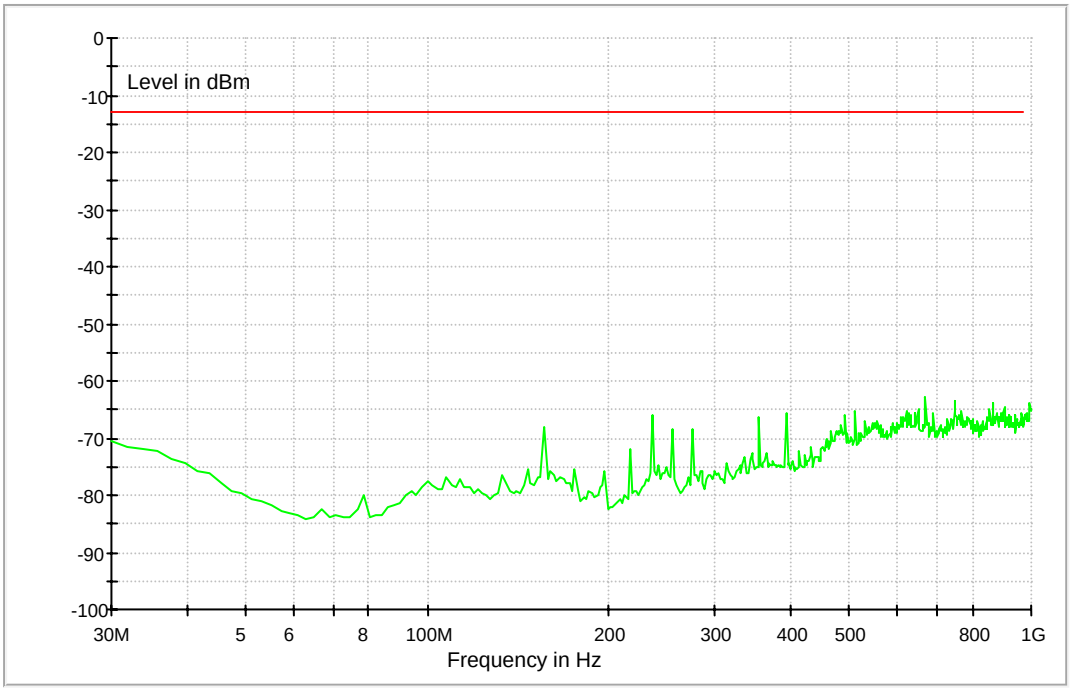
Traffic Mode (12GHz-20GHz)



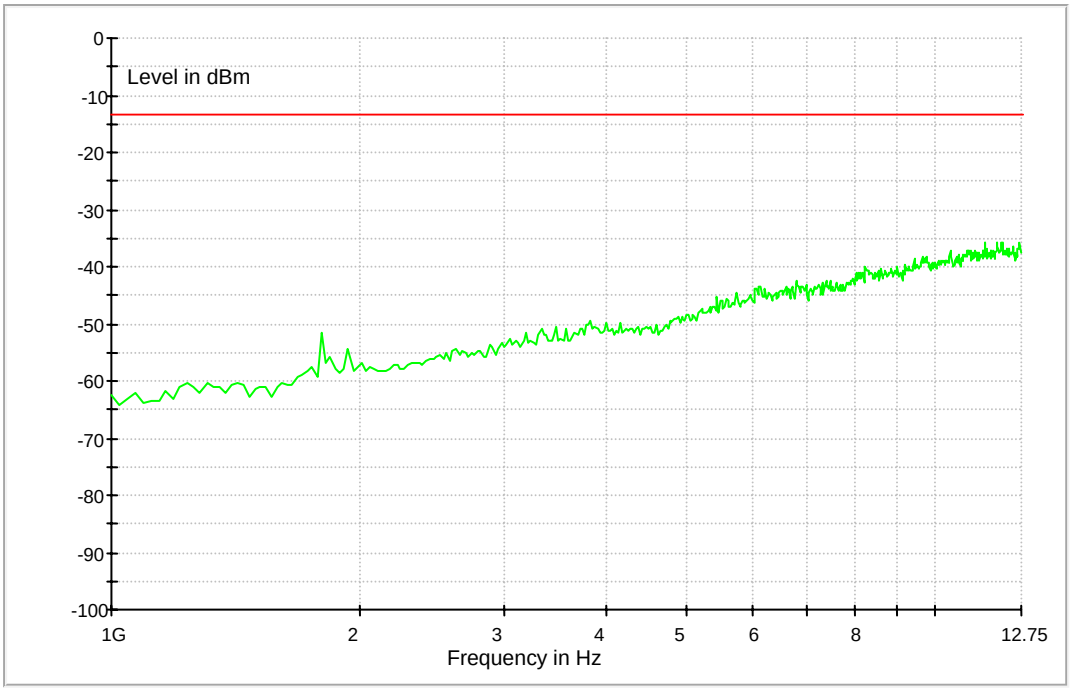
IDLE Mode (9 kHz-30MHz)



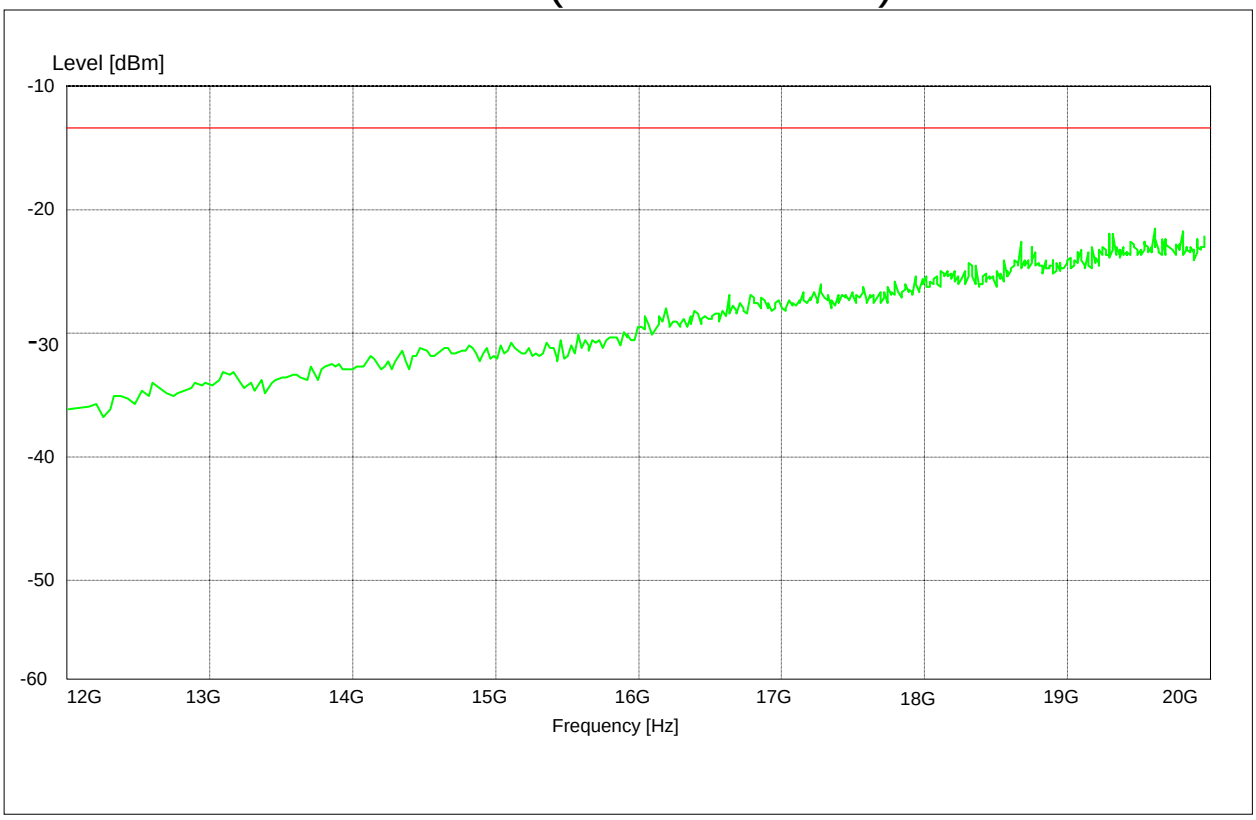
IDLE Mode (30MHz-1GHz)



IDLE Mode (1GHz-12.75GHz)



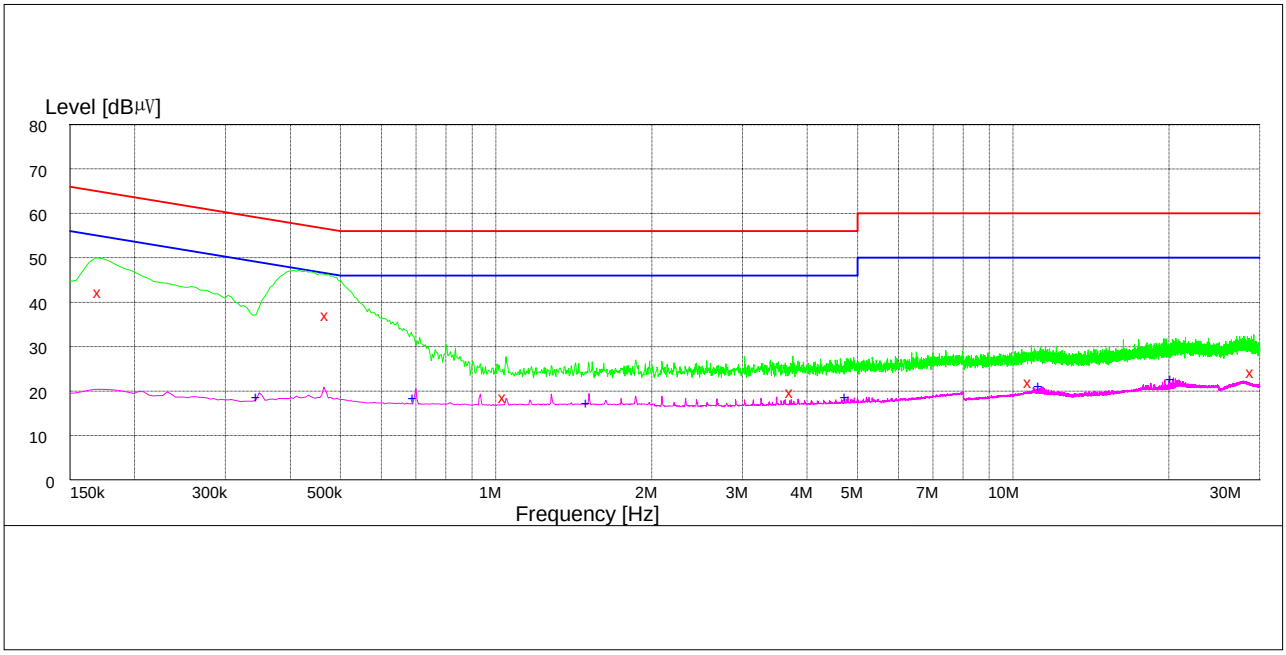
IDLE Mode (12GHz-20GHz)



Appendix G

Conducted Emission at Power Port

According to FCC Part 15.107



MEASUREMENT RESULT: QP DECTER

Frequency （MHz）	Level （dBµV）	Transd （dB）	Limit （dBµV）	Margin （dB）	Line	PE
0.172500	42.60	1.8	64.5	21.9	N	FLO
0.474000	37.50	0.7	56	18.5	L2	FLO
1.045500	19.10	0.5	56	36.9	N	FLO
3.750000	20.10	0.5	56	35.9	L2	FLO
10.851000	22.40	2.4	60	37.6	L2	FLO
29.247000	24.70	3.1	60	35.3	N	FLO

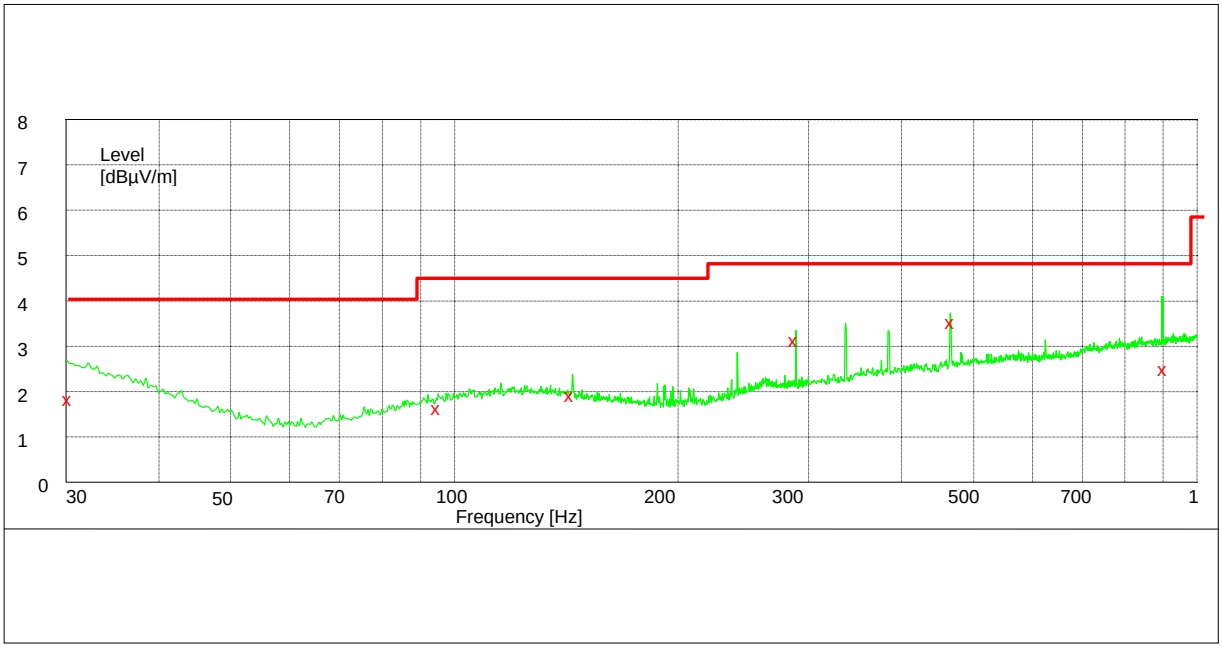
MEASUREMENT RESULT: “AV DECTER”

Frequency （MHz）	Level （dBµV）	Transd （dB）	Limit （dBµV）	Margin （dB）	Line	PE
0.348000	19.00	0.8	49	30.0	N	FLO
0.699000	18.80	0.7	46	27.2	N	FLO
1.513500	17.80	0.6	46	28.2	N	FLO
4.794000	19.10	0.5	46	27.0	N	FLO

Appendix H

Radiated Emission of Enclosure in Idle Mode

According to FCC Part 15.109



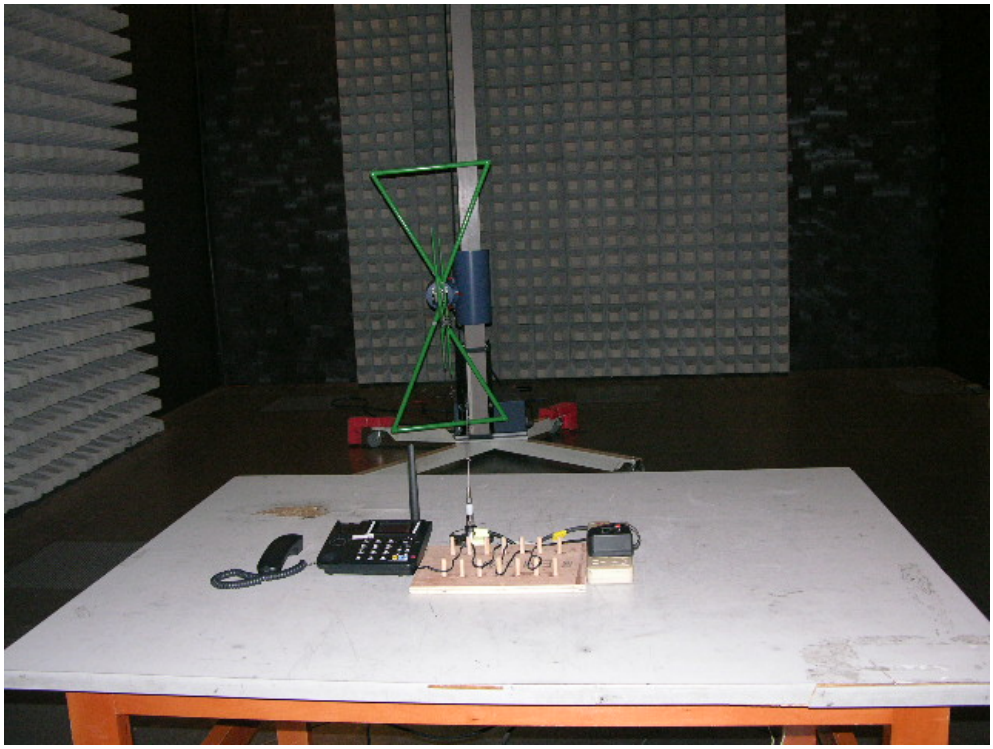
MEASUREMENT RESULT: QP DECTER

Frequency （MHz）	Level （dBµV/m）	Transd （dB）	Limit （dBµV/m）	Margin （dB）	Height （cm）	Azimuth （deg）	Polarisation
30.360000	19.00	-2.7	40.0	21.0	100.0	0.00	HORIZONTAL
95.040000	16.90	-10.6	43.5	26.6	100.0	90.00	HORIZONTAL
144.000000	20.00	-9.6	43.5	23.5	100.0	180.00	HORIZONTAL
288.000000	32.00	-7.1	46.0	14.0	100.0	270.00	HORIZONTAL
468.780000	36.00	-4.1	46.0	10.0	300.0	90.00	VERTICAL
904.500000	25.60	0.7	46.0	20.4	100.0	180.00	VERTICAL

Appendix I

Photos of Test Setup

2 Radiated Emissions



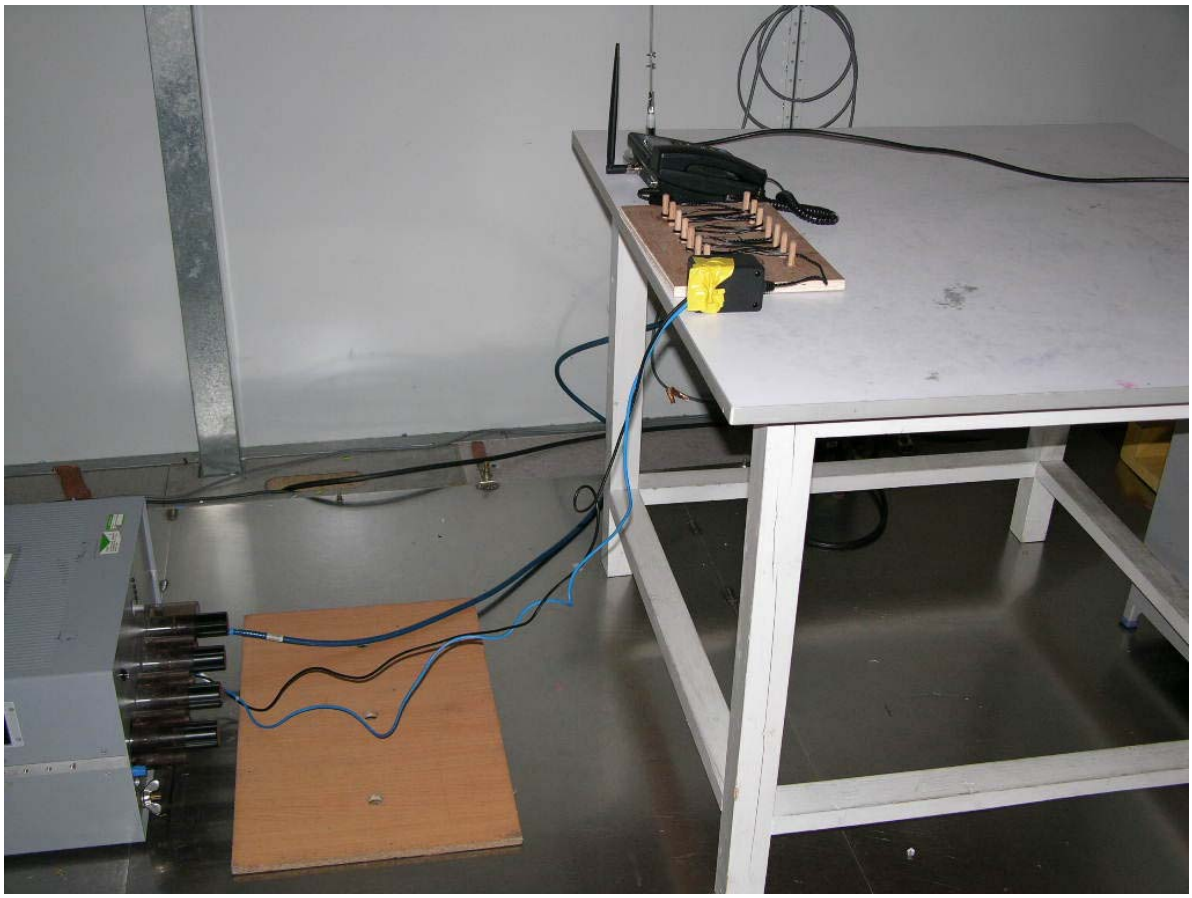
Radiated Disturbance

3 Radiated Spurious Emissions

Radiated Spurious Emission (below 1GHz)

Radiated Spurious Emission (above 1GHz)

4 Conducted Emissions



Conducted Emissions for AC Ports