



FCC ID: RUNMCIMX31PDK

Test

Data

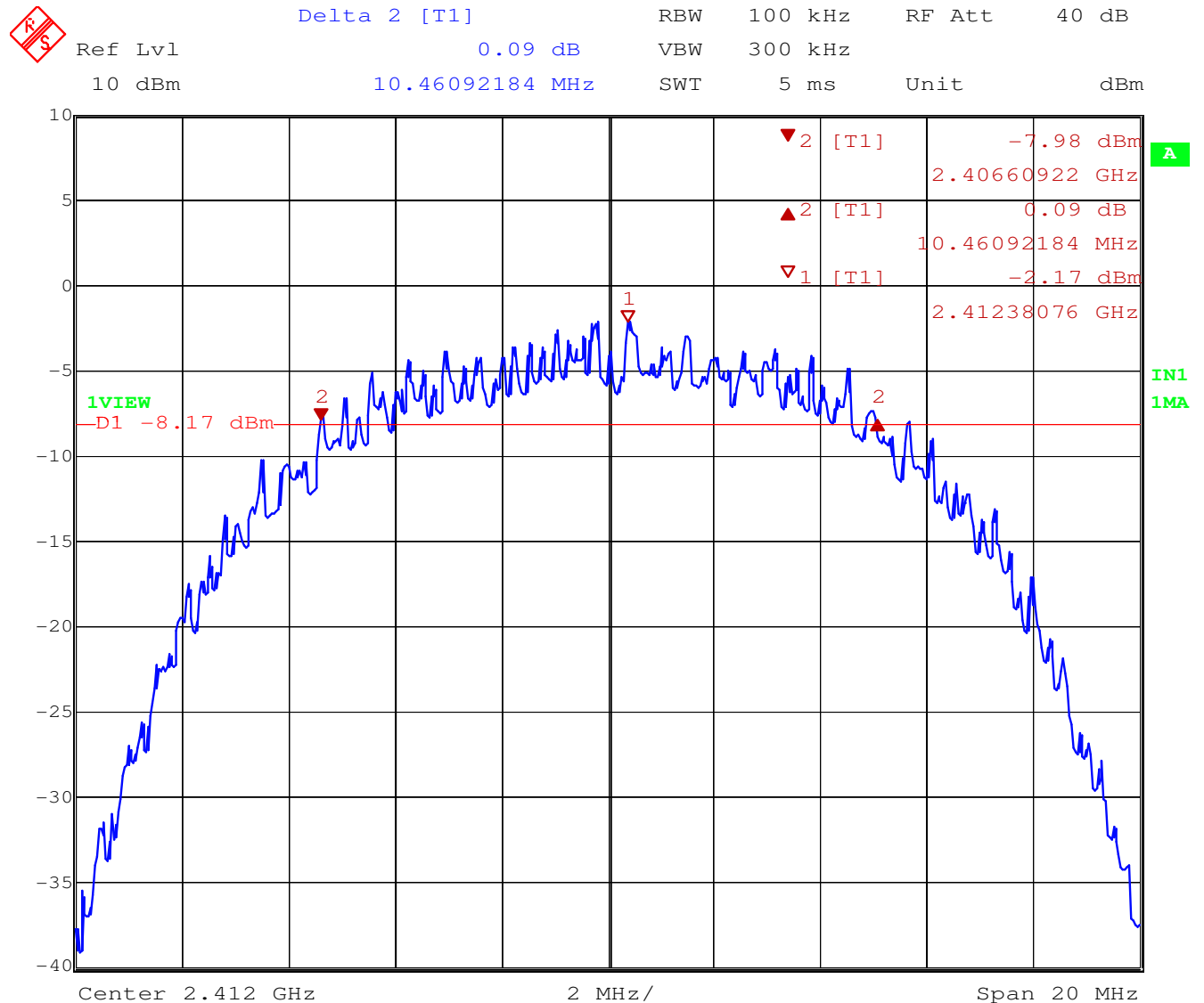


FCC ID: RUNMCIMX31PDK

1. Minimum 6dB bandwidth

802.11b

Channel 1

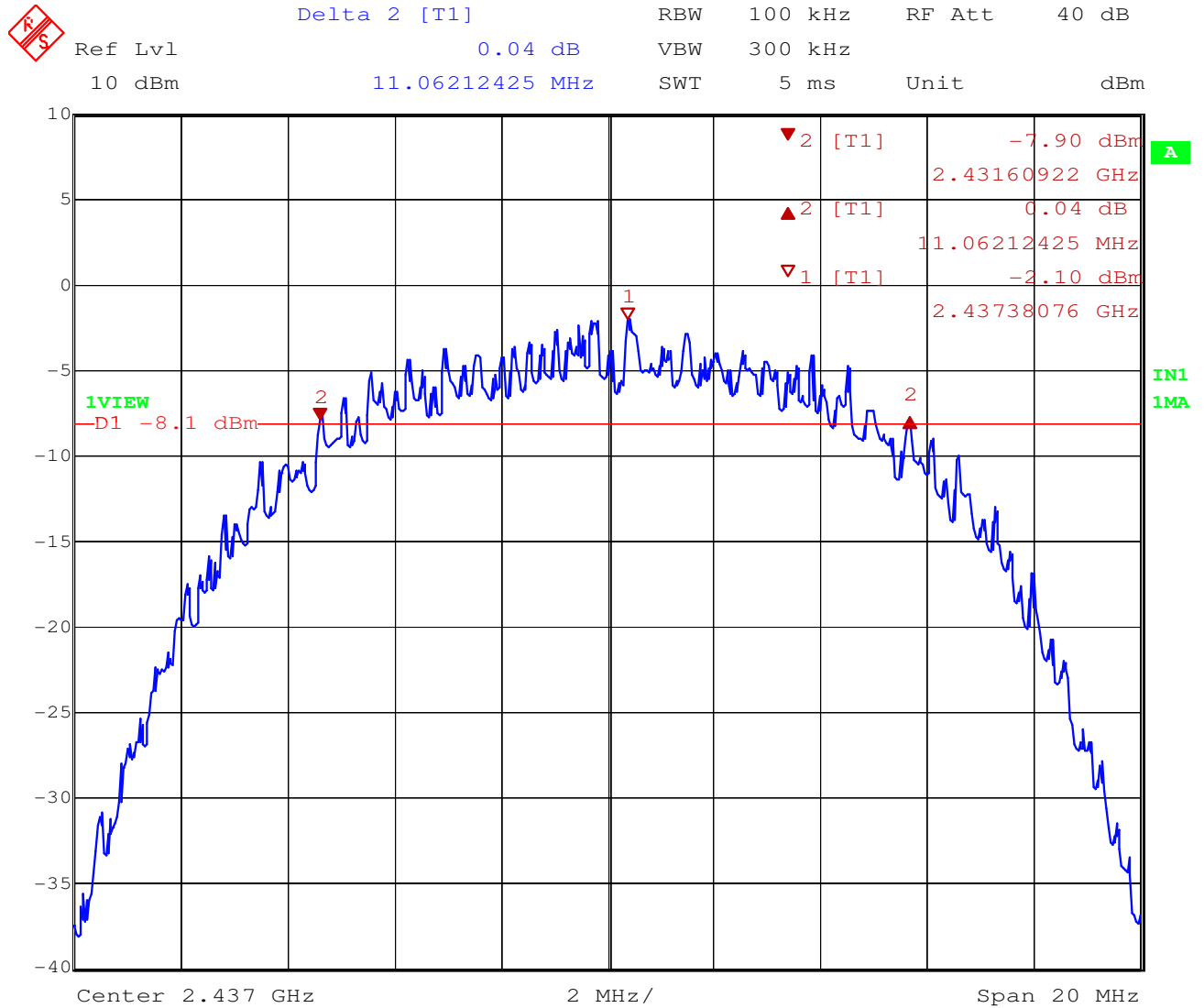


Date: 2.MAR.2008 17:06:37



FCC ID: RUNMCIMX31PDK

Channel 6

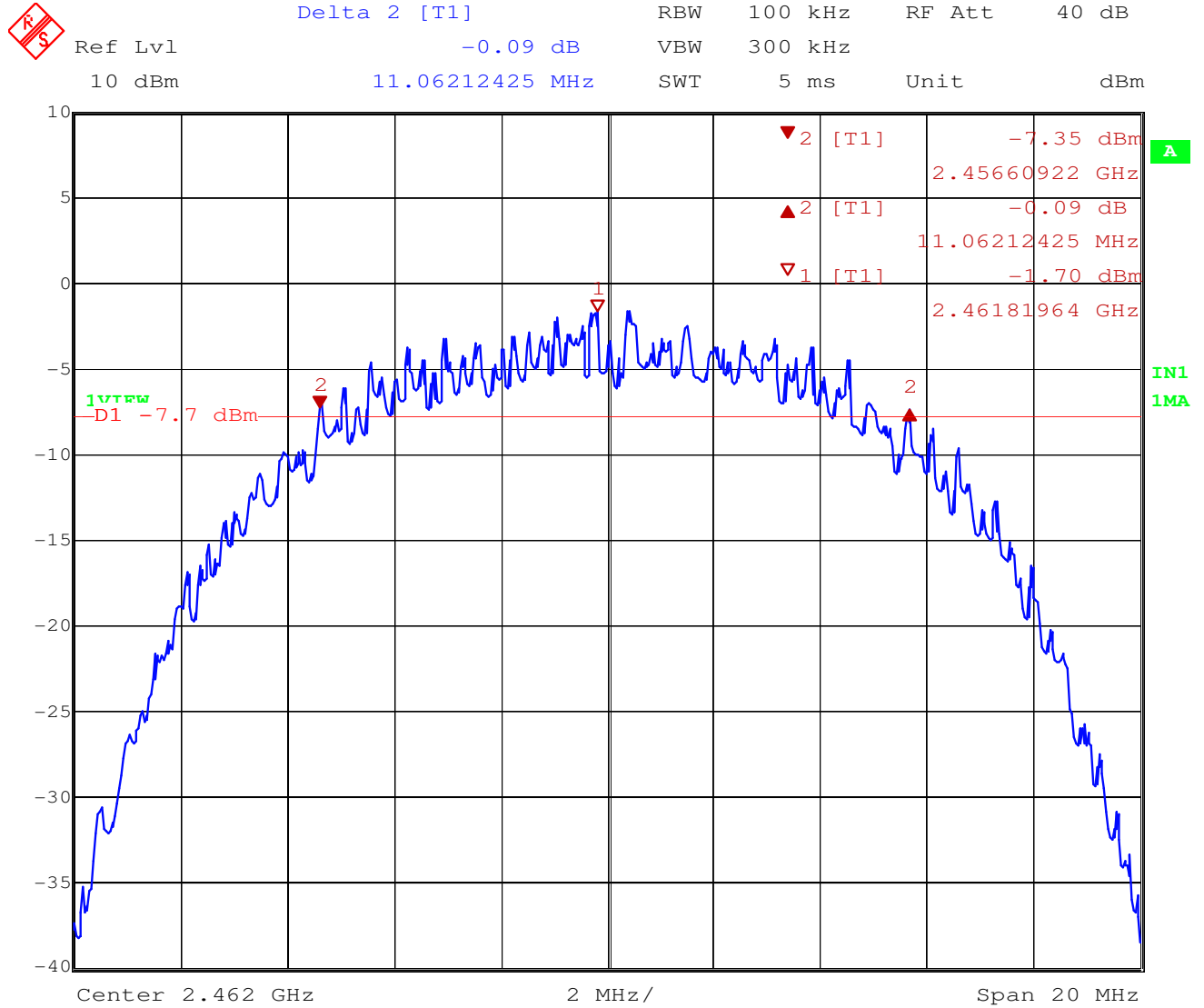


Date: 2.MAR.2008 17:08:16



FCC ID: RUNMCIMX31PDK

Channel 11



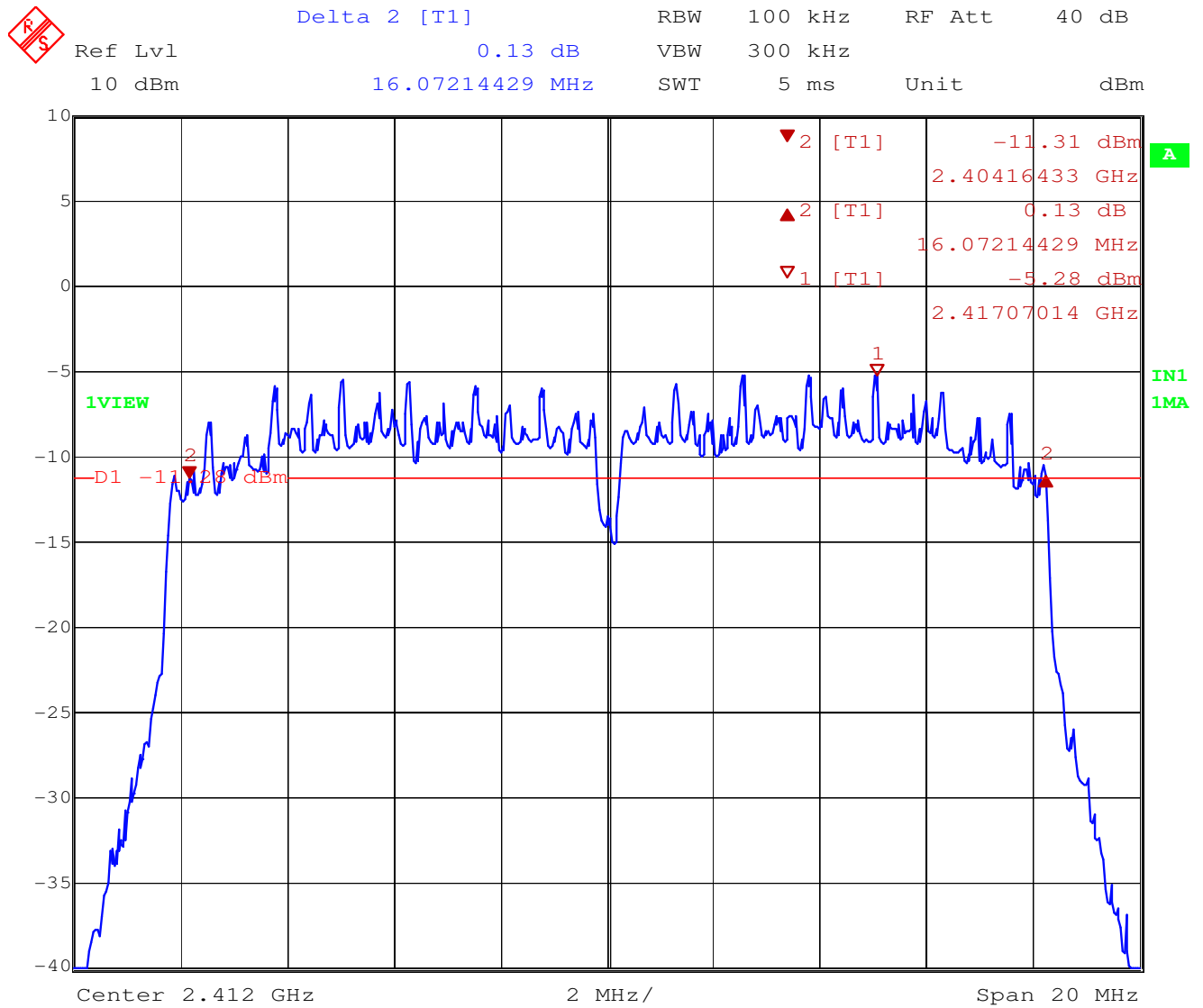
Date: 2.MAR.2008 17:15:40



FCC ID: RUNMCIMX31PDK

802.11g

Channel 1

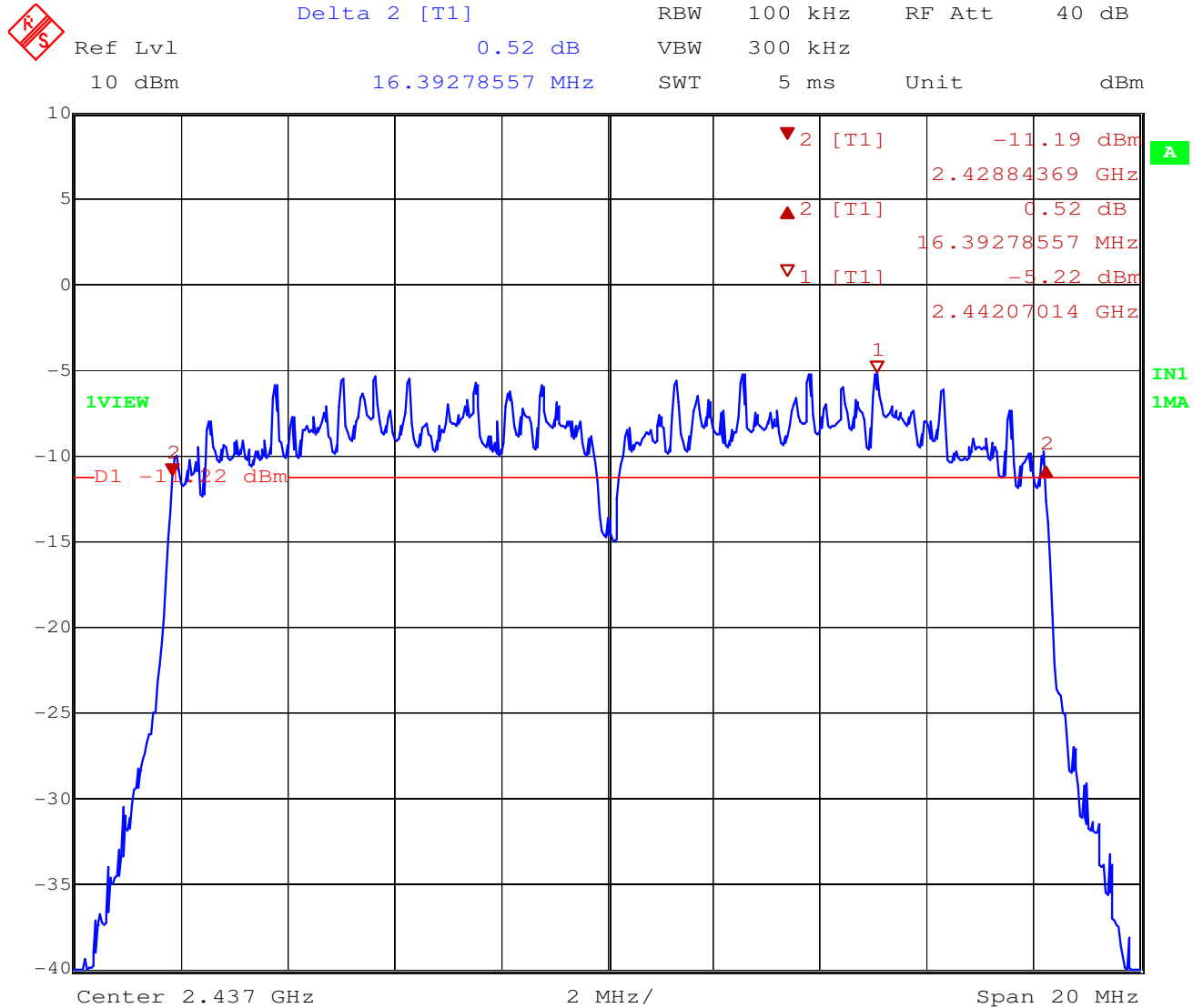


Date: 2.MAR.2008 17:04:56



FCC ID: RUNMCIMX31PDK

Channel 6

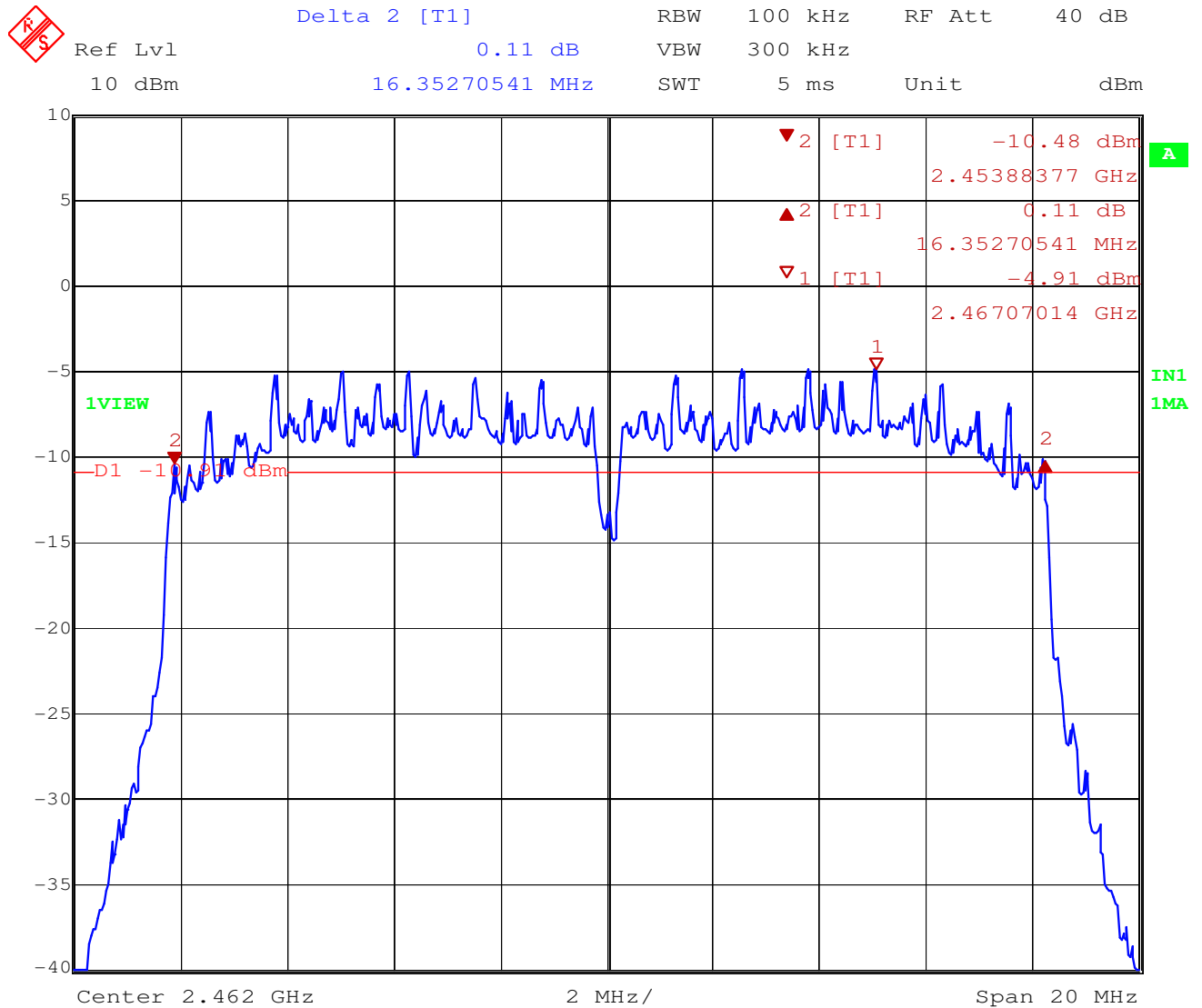


Date: 2.MAR.2008 17:10:10



FCC ID: RUNMCIMX31PDK

Channel 11



Date: 2.MAR.2008 17:14:07

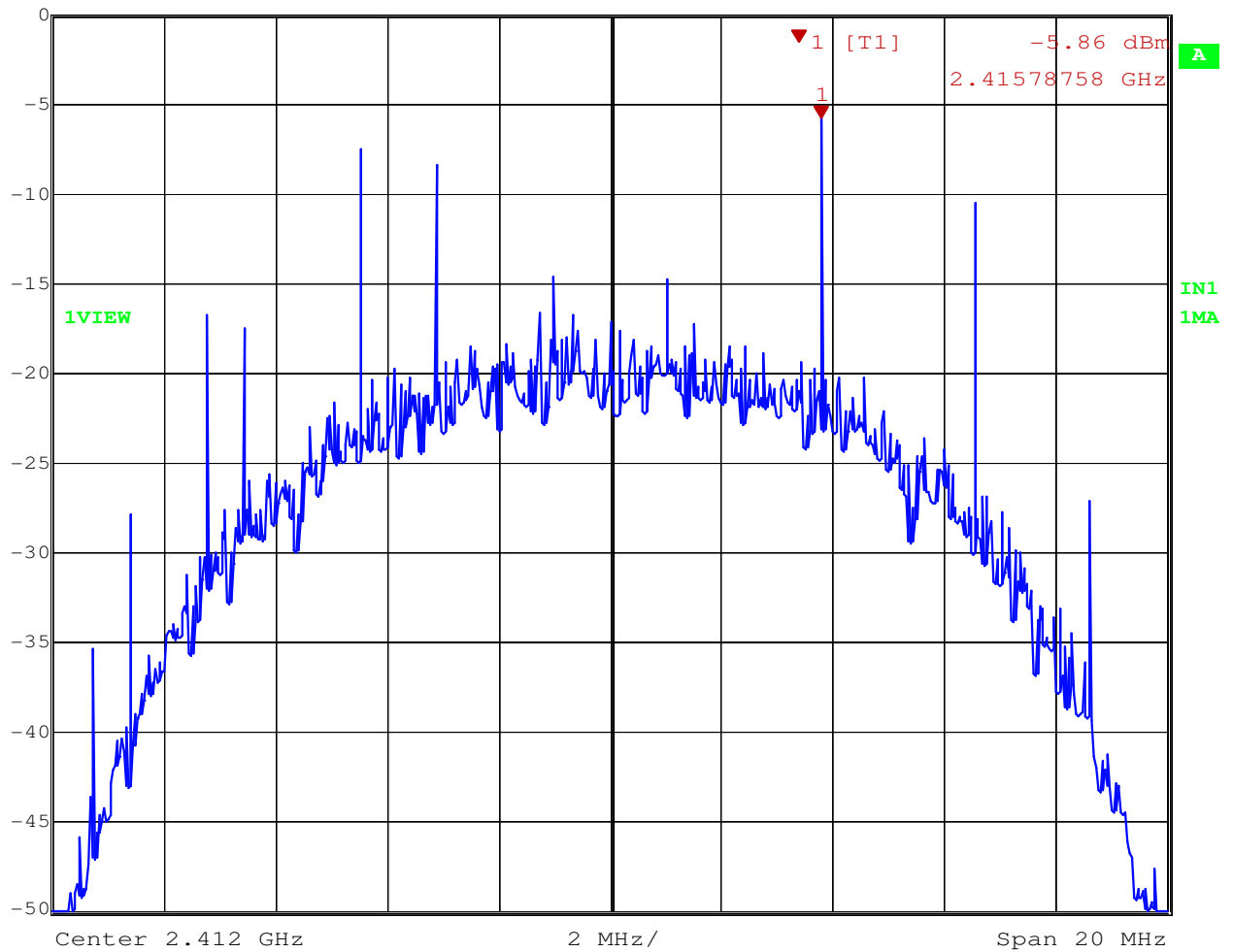
2. Power spectrum density

802.11b

Channel 1



Ref Lvl	Marker 1 [T1]	RBW	3 kHz	RF Att	30 dB
0 dBm	-5.86 dBm	VBW	10 kHz		
	2.41578758 GHz	SWT	5.6 s	Unit	dBm

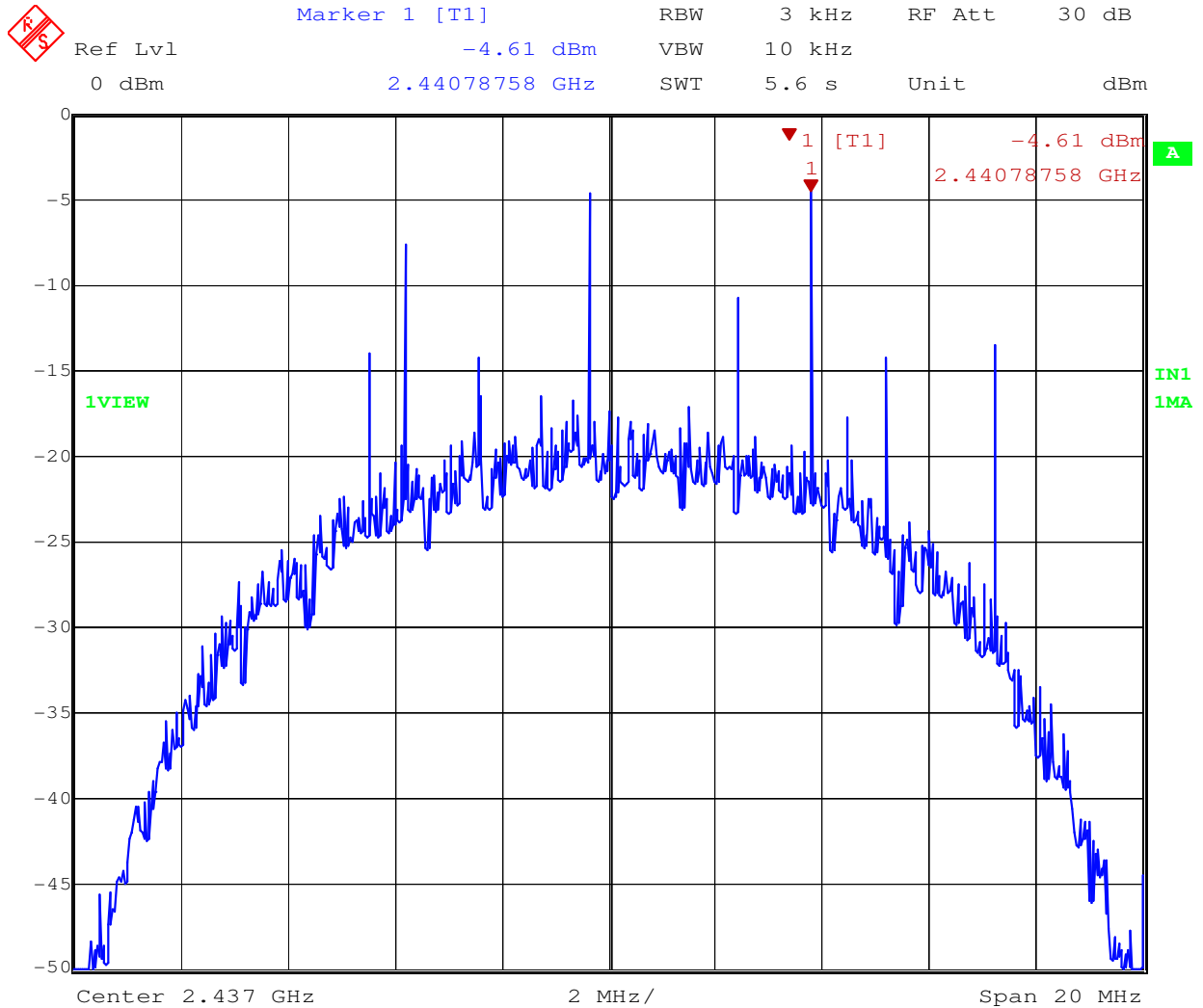


Date: 2.MAR.2008 17:21:12



FCC ID: RUNMCIMX31PDK

Channel 6

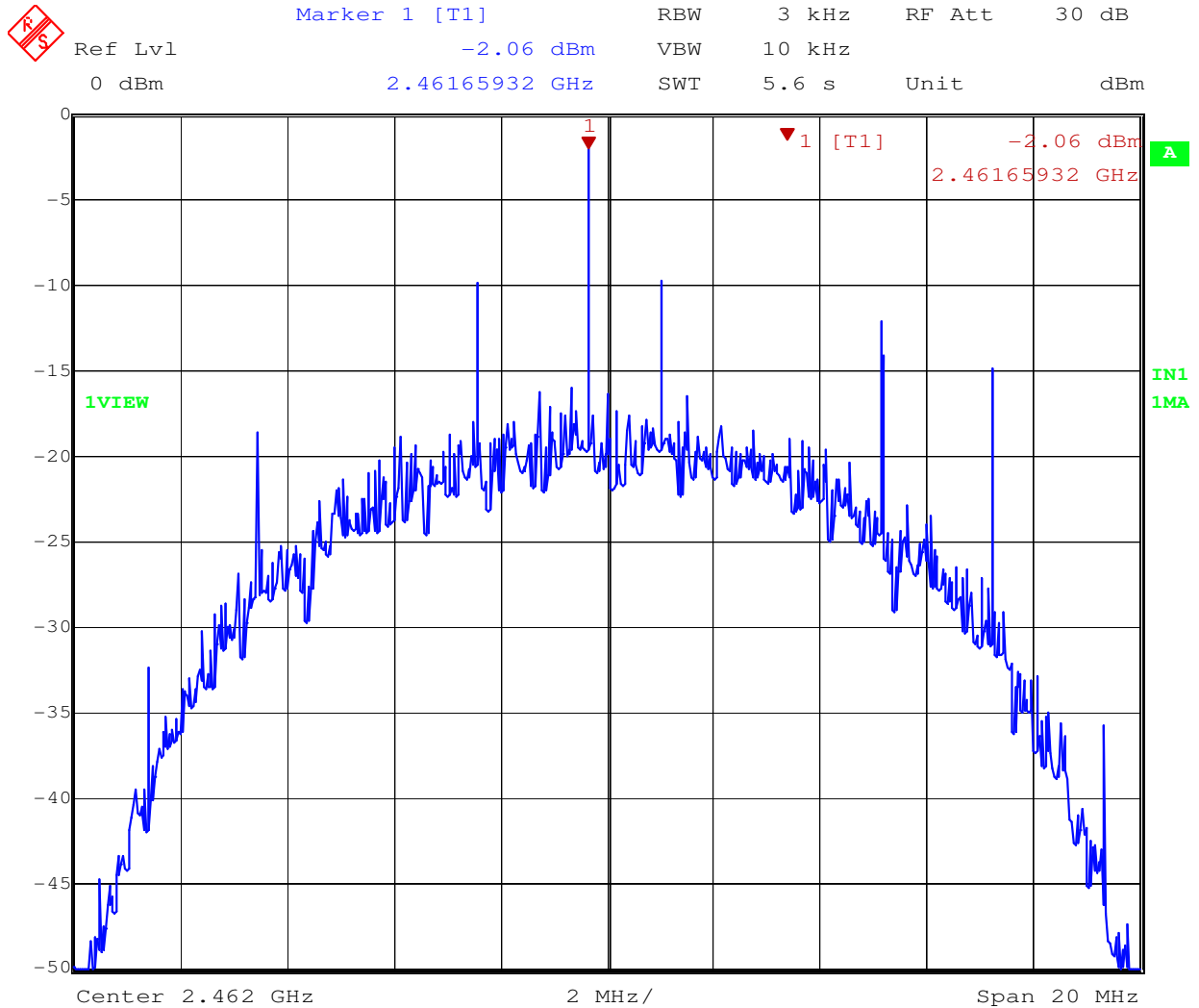


Date: 2.MAR.2008 17:25:33



FCC ID: RUNMCIMX31PDK

Channel 11



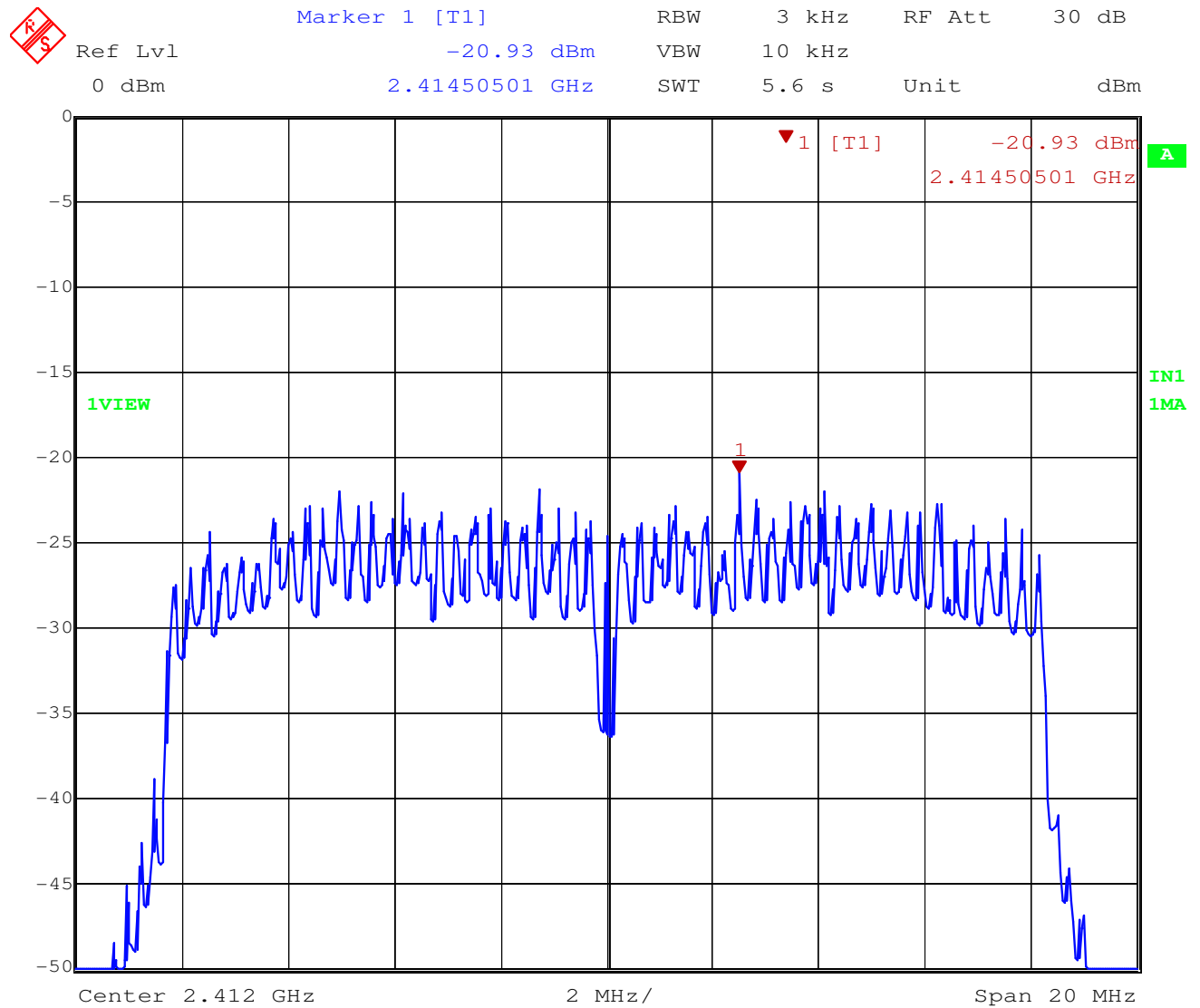
Date: 2.MAR.2008 17:27:12



FCC ID: RUNMCIMX31PDK

802.11g

Channel 1



Date: 2.MAR.2008 17:22:47

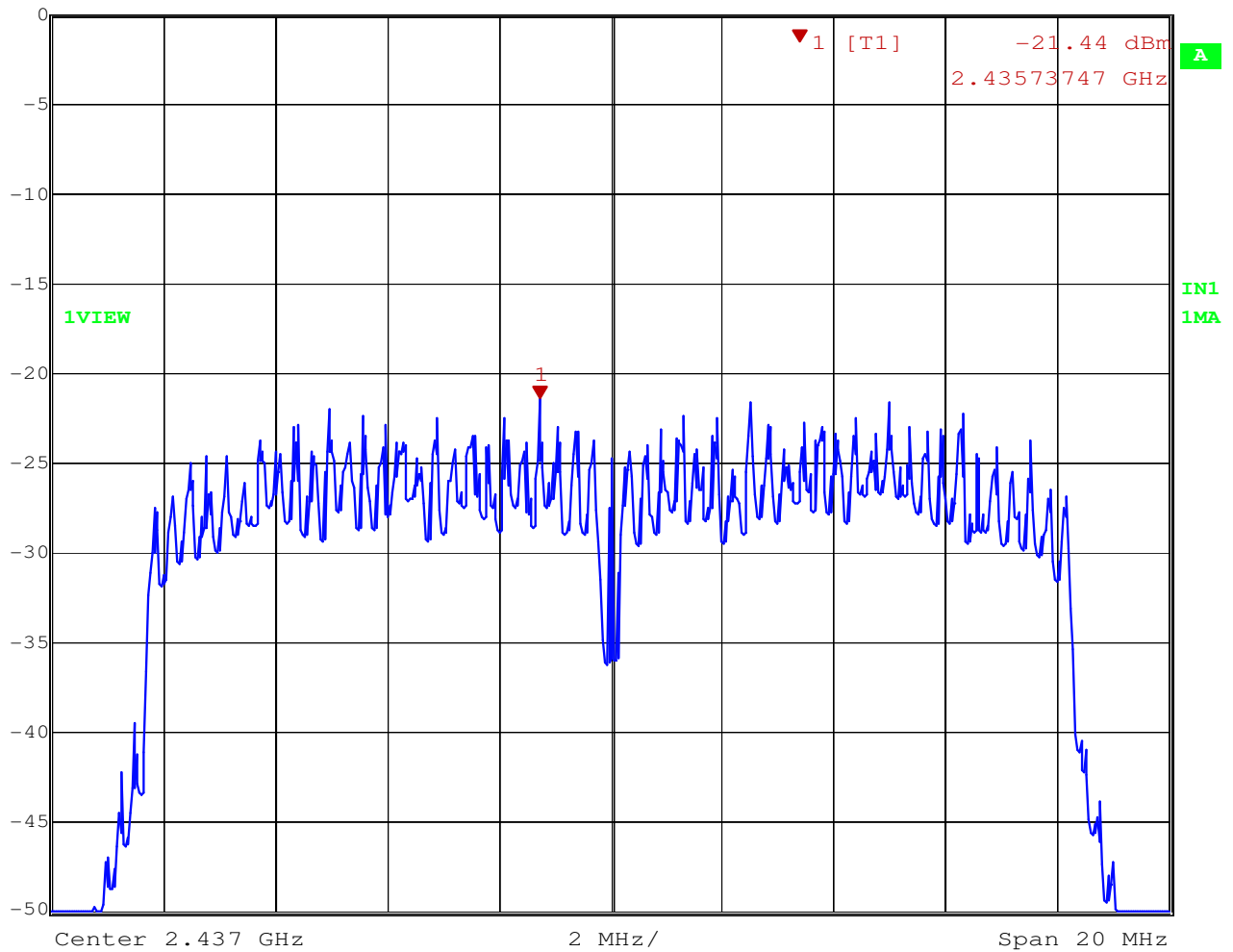


FCC ID: RUNMCIMX31PDK

Channel 6



Ref Lvl 0 dBm
Marker 1 [T1] -21.44 dBm
2.43573747 GHz
RBW 3 kHz
VBW 10 kHz
SWT 5.6 s
RF Att 30 dB
Unit dBm



Date: 2.MAR.2008 17:23:52

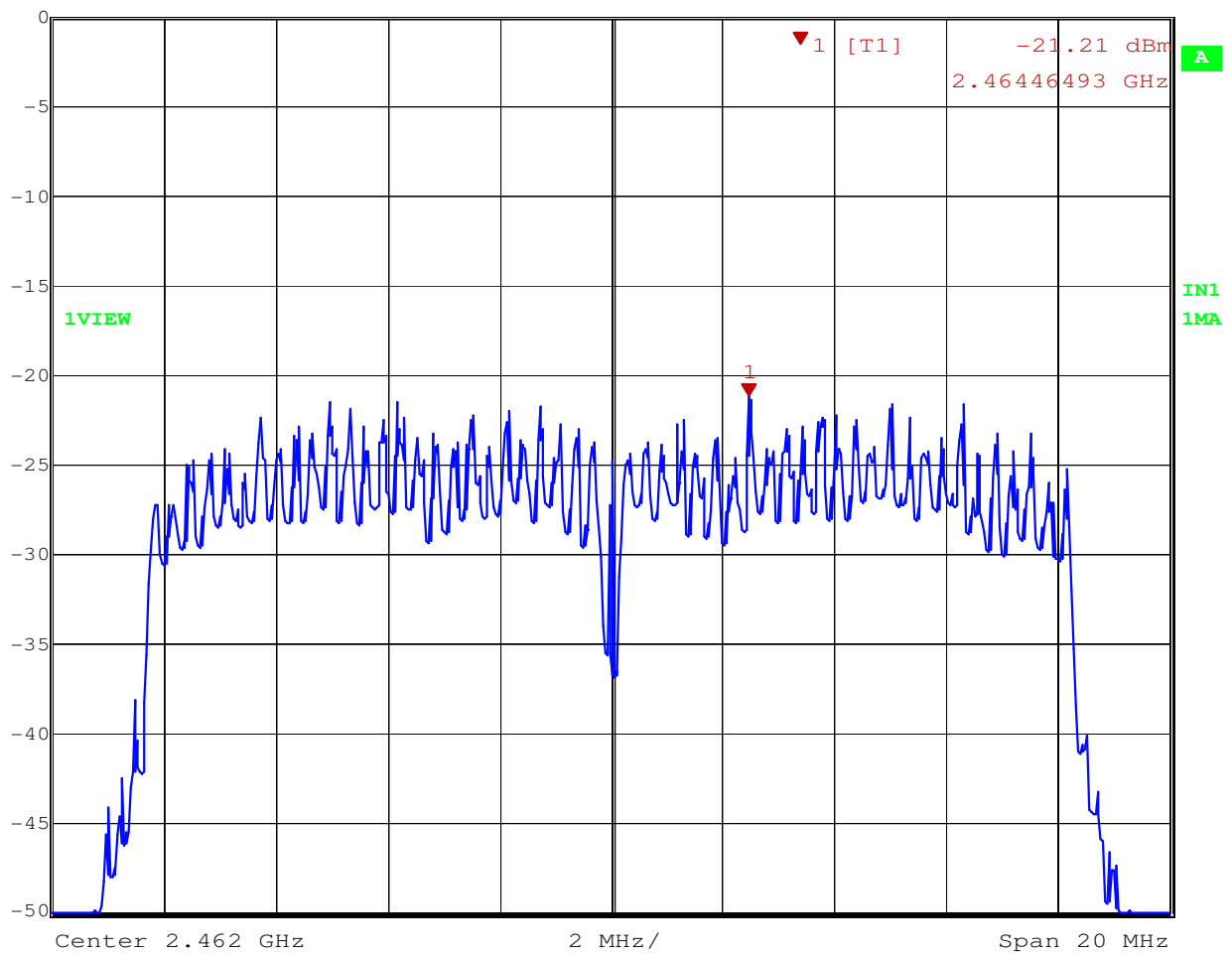


FCC ID: RUNMCIMX31PDK

Channel 11



Marker 1 [T1]
Ref Lvl 0 dBm
RBW 3 kHz
VBW 10 kHz
RF Att 30 dB
SWT 5.6 s
Unit dBm
-21.21 dBm
2.46446493 GHz

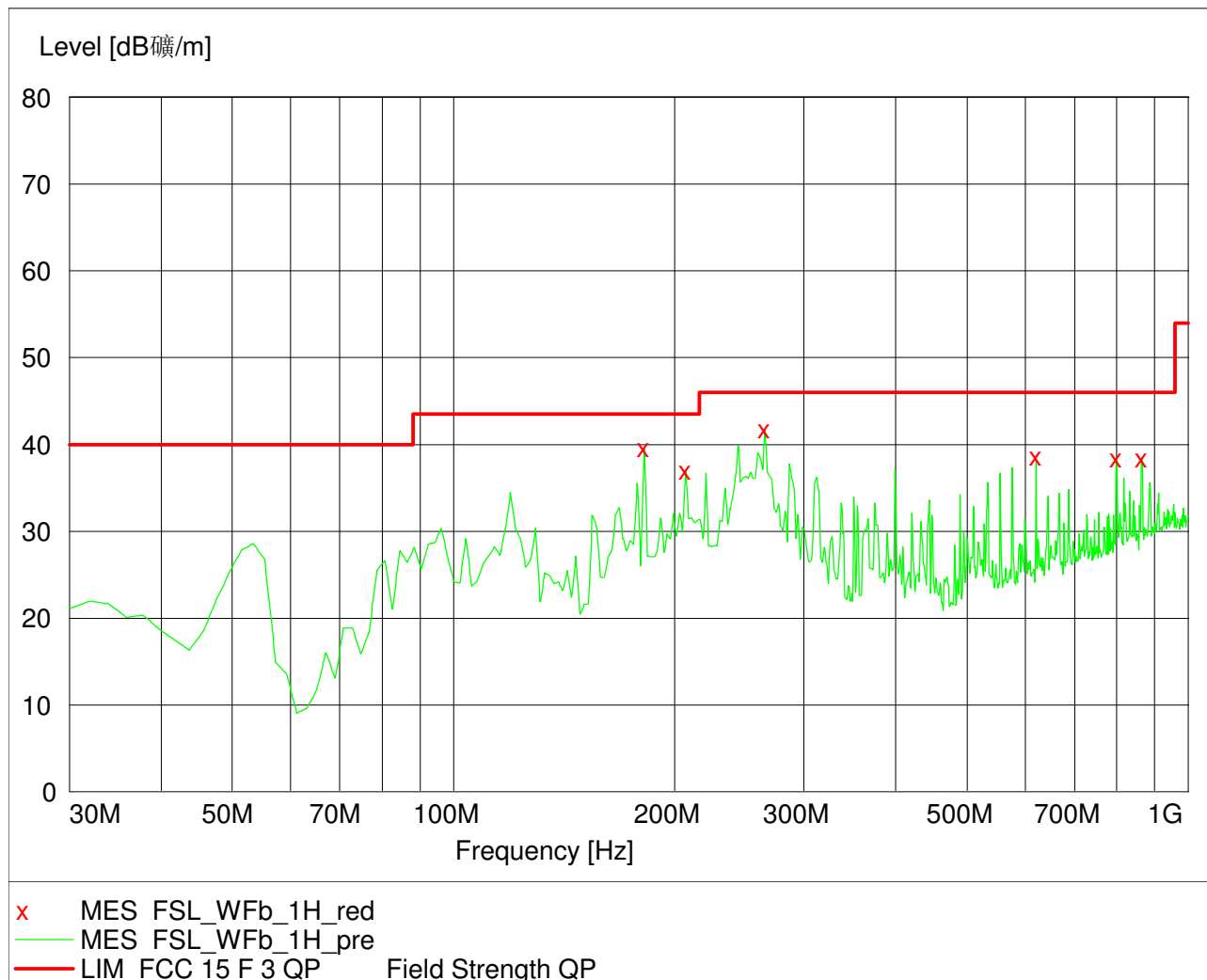


Date: 2.MAR.2008 17:28:16

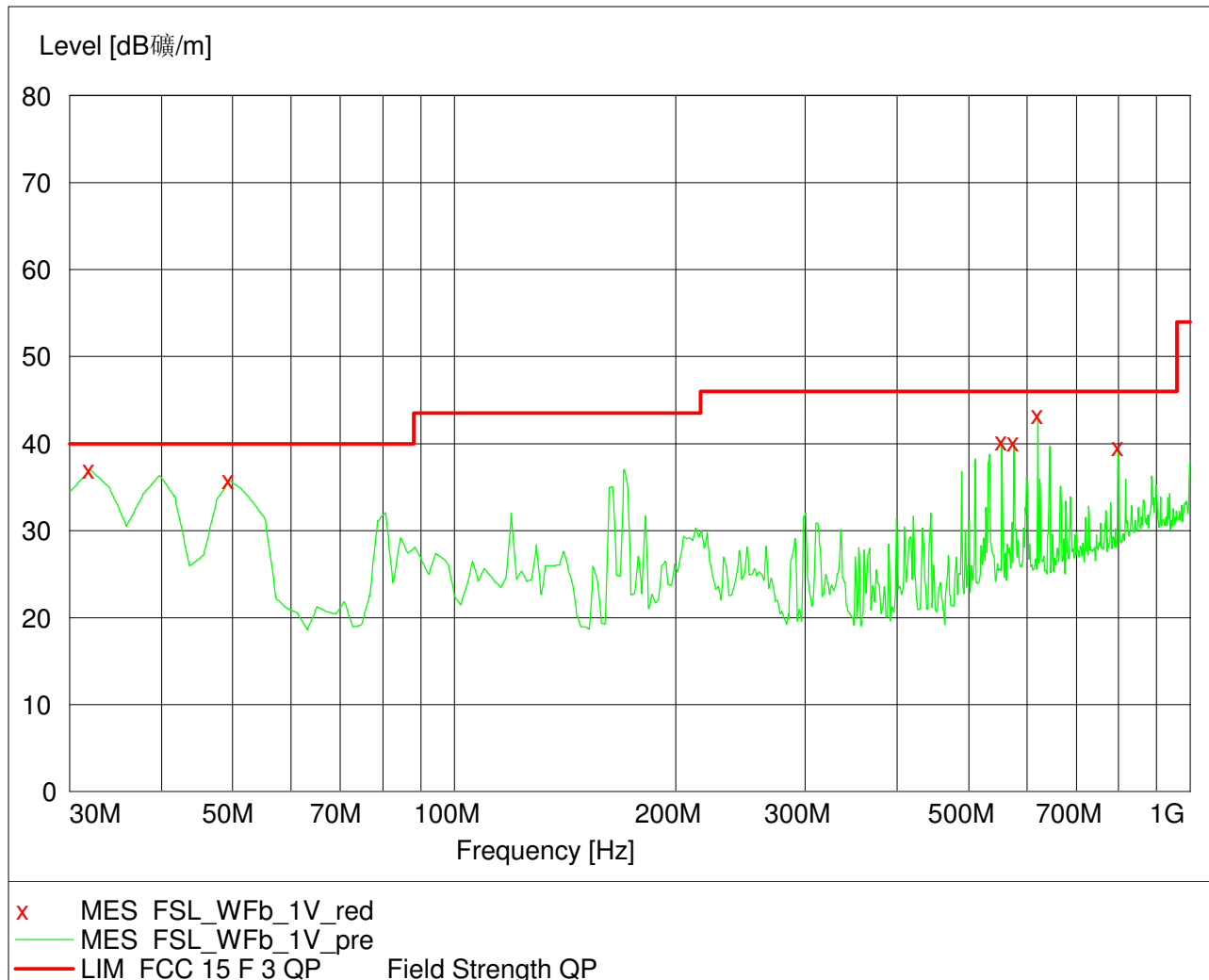
3. Spurious Emission

802.11b

Horizontal

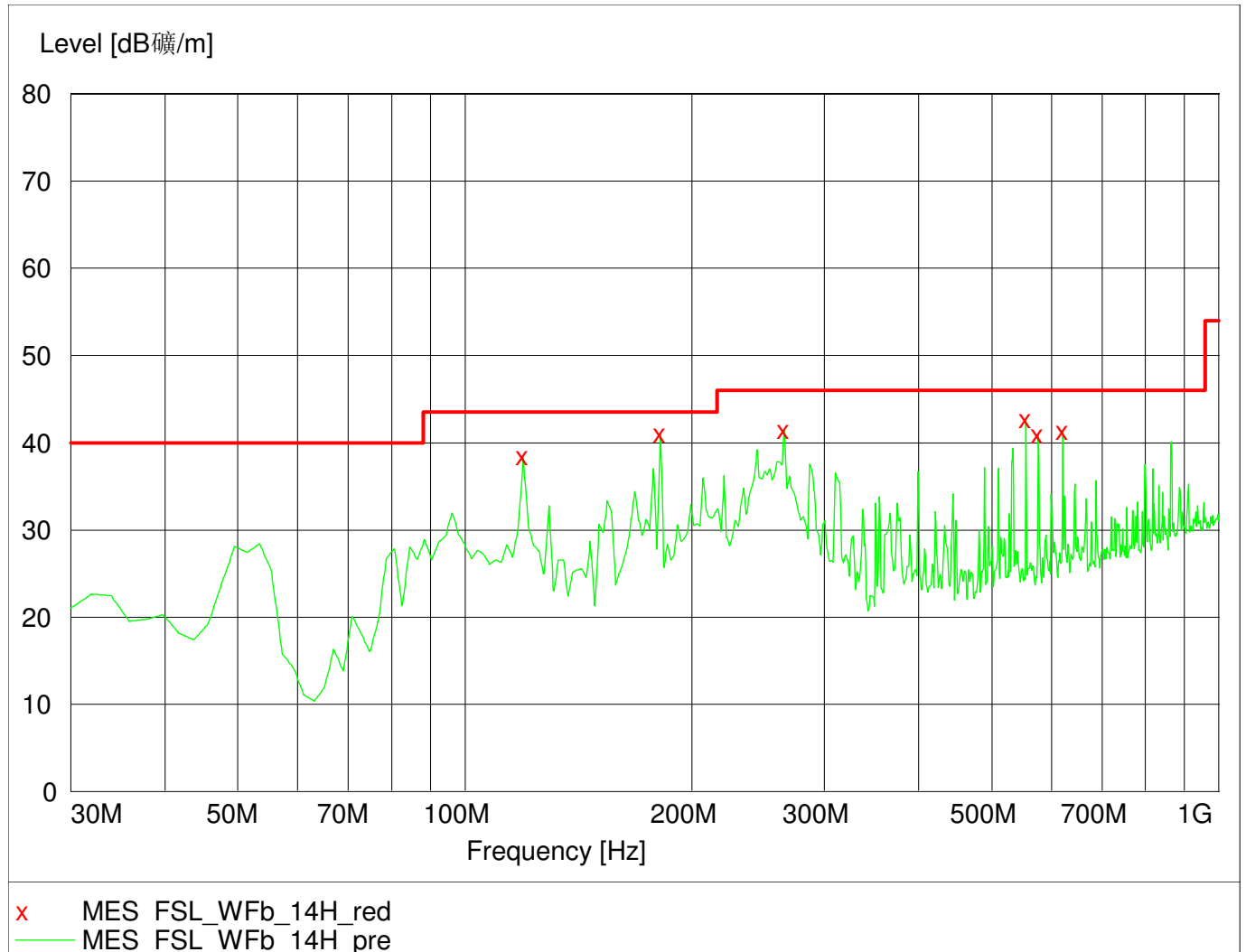


Vertical

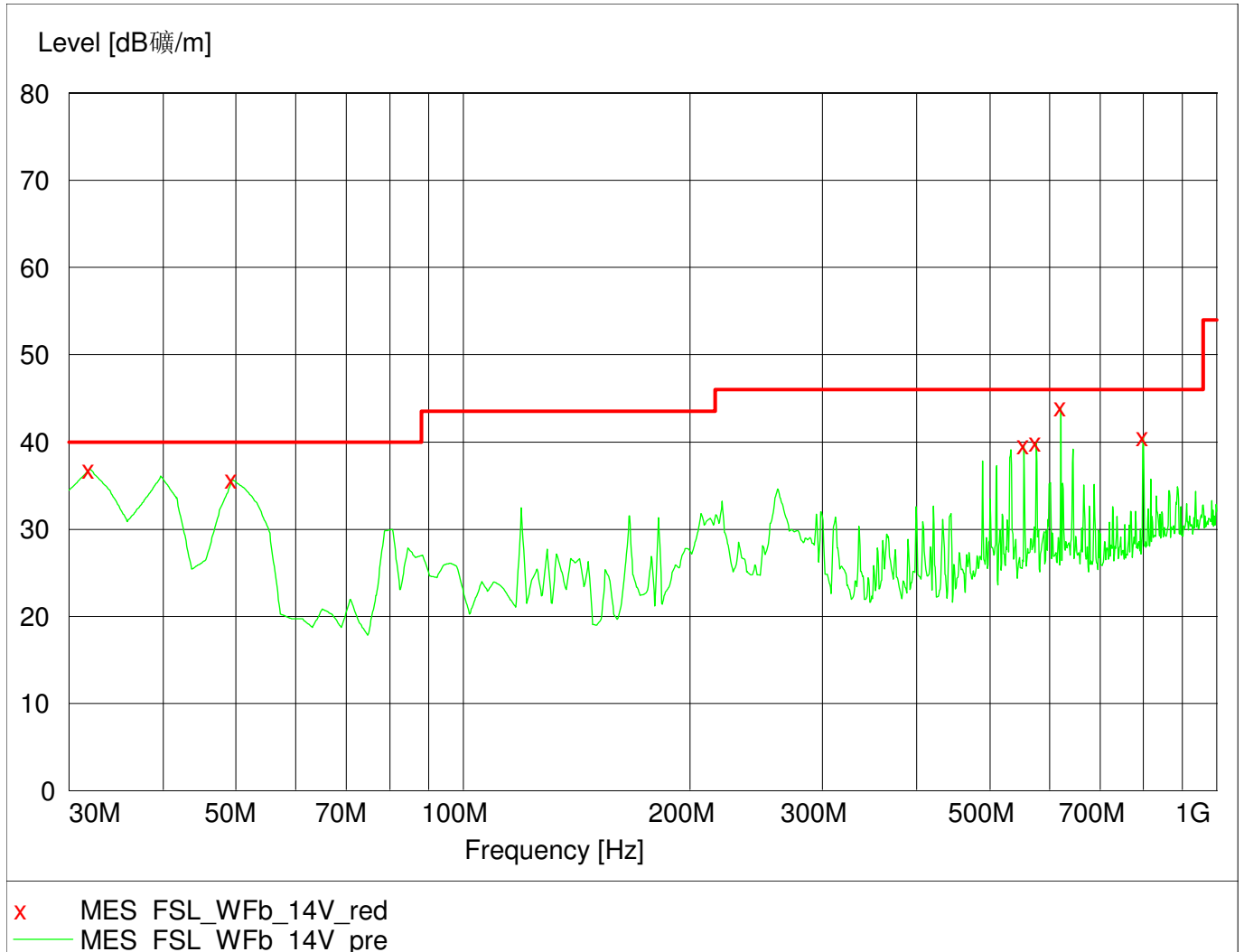


802.11g

Horizontal

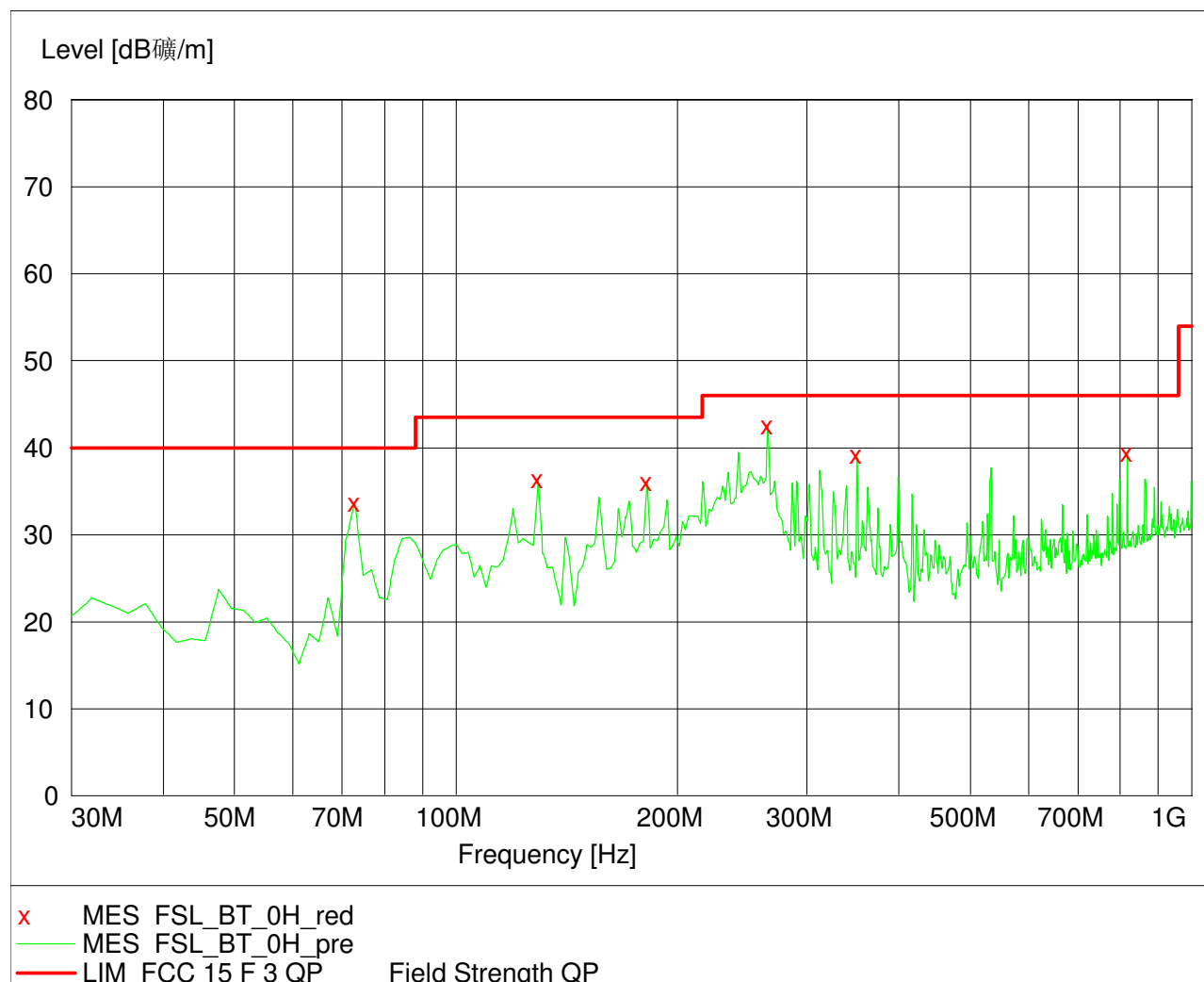


Vertical

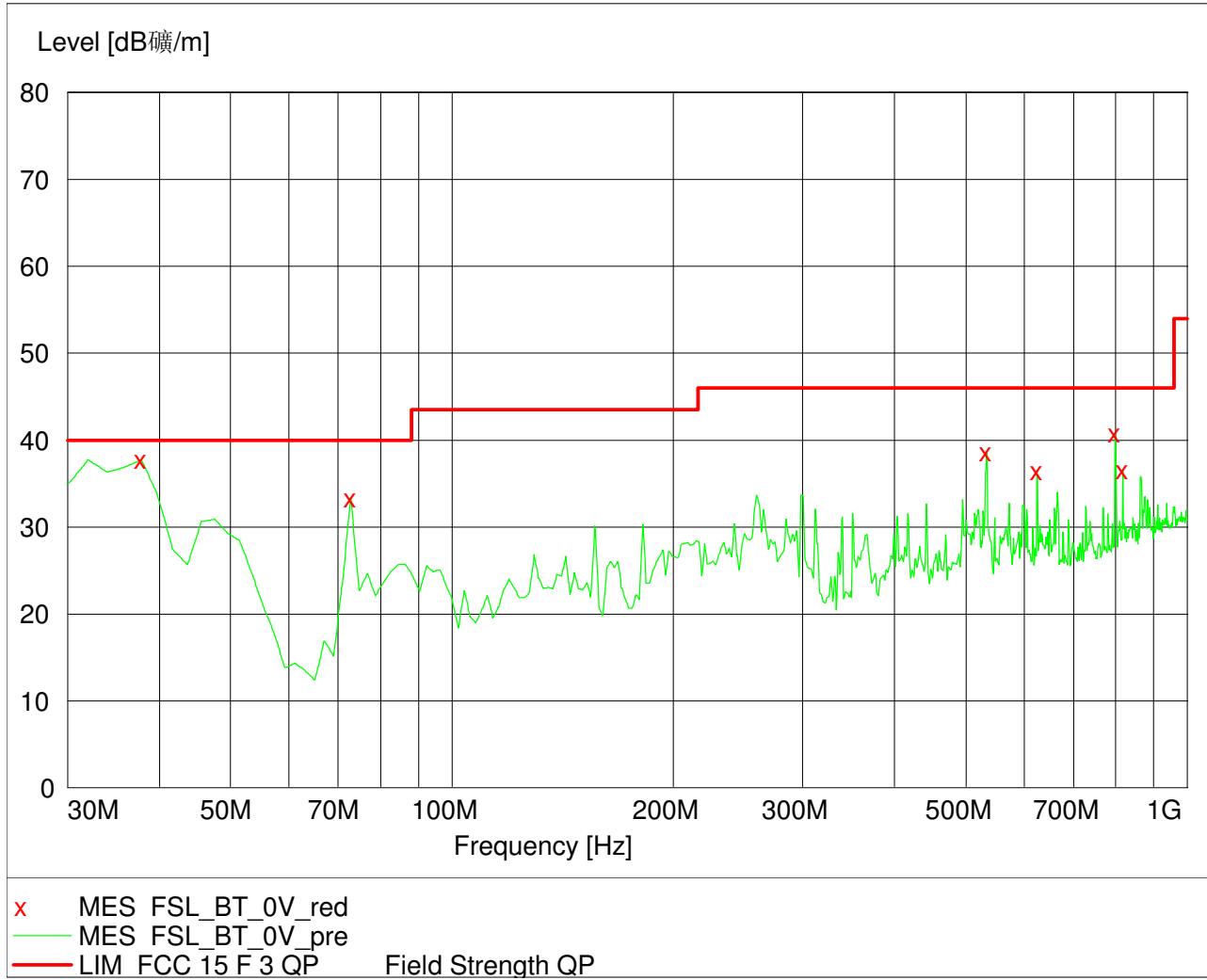


Bluetooth

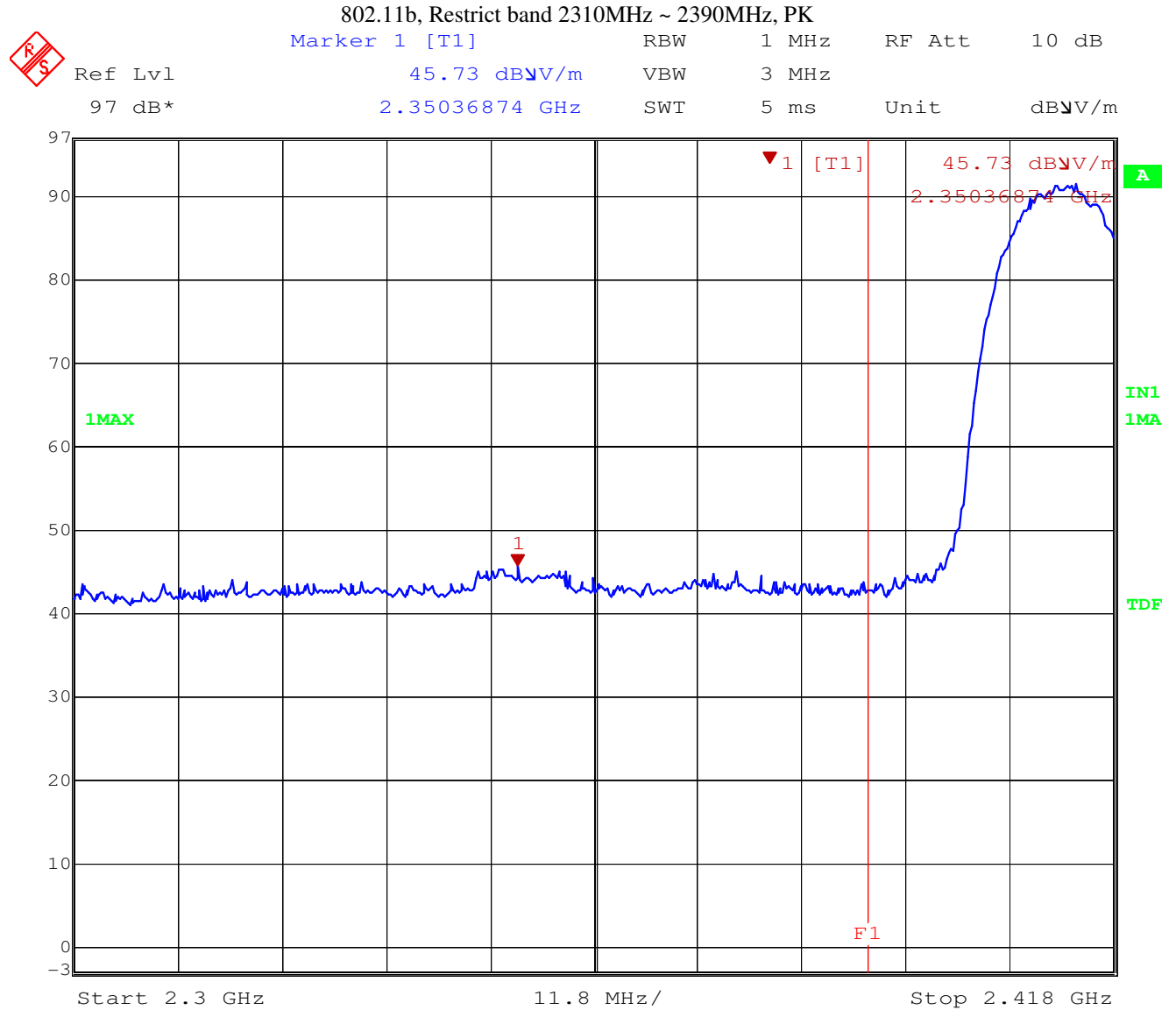
Horizontal



Vertical



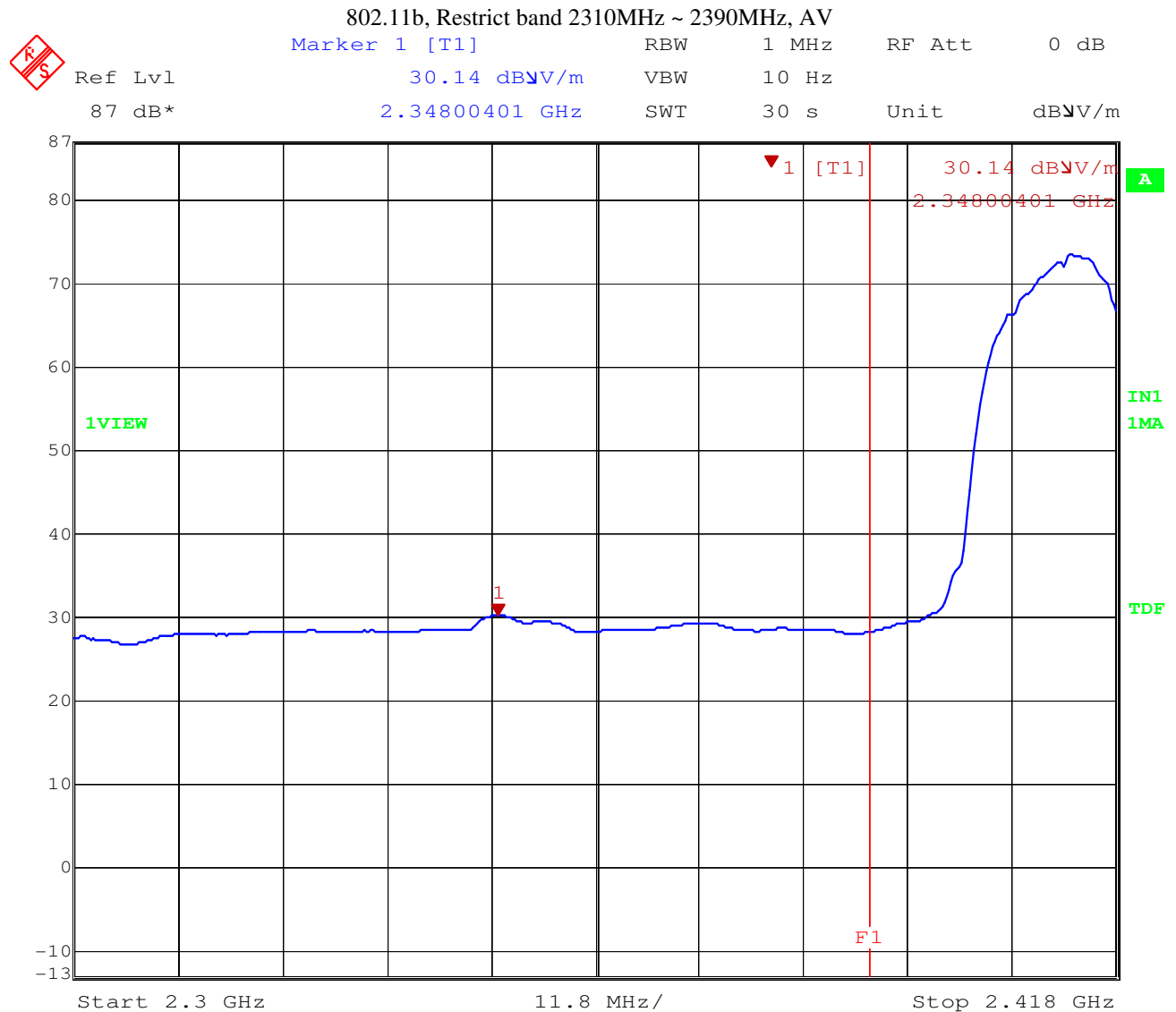
4. Restrict band radiated Emission



Date: 2.MAR.2008 16:16:16



FCC ID: RUNMCIMX31PDK



Date: 2.MAR.2008 16:28:06

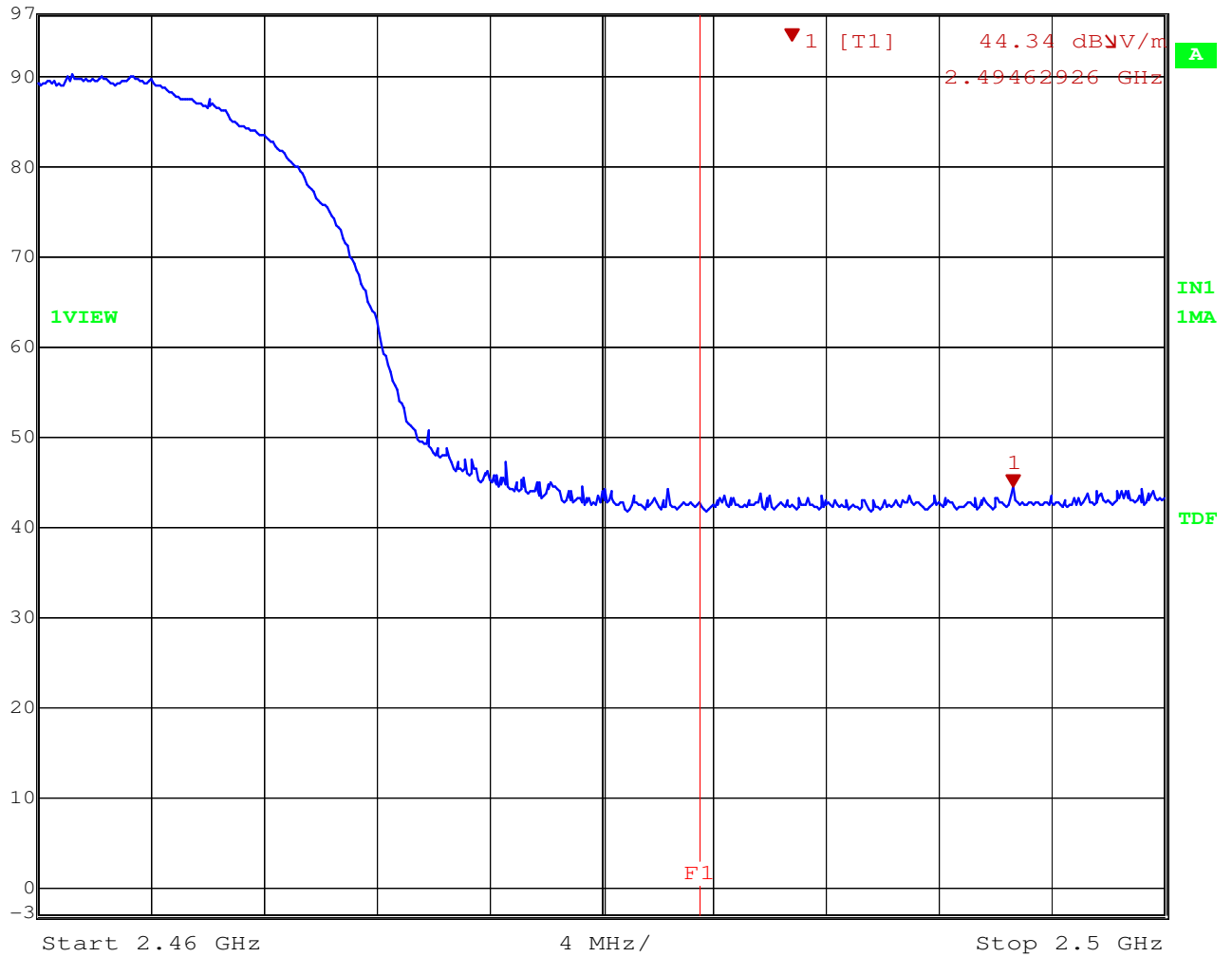


FCC ID: RUNMCIMX31PDK

802.11b, Restrict band 2483.5MHz ~ 2500MHz, PK



Ref Lvl 97 dB*
Marker 1 [T1] 44.34 dBμV/m 2.49462926 GHz
RBW 1 MHz RF Att 10 dB
VBW 3 MHz
SWT 5 ms Unit dBμV/m



Date: 2.MAR.2008 16:43:44

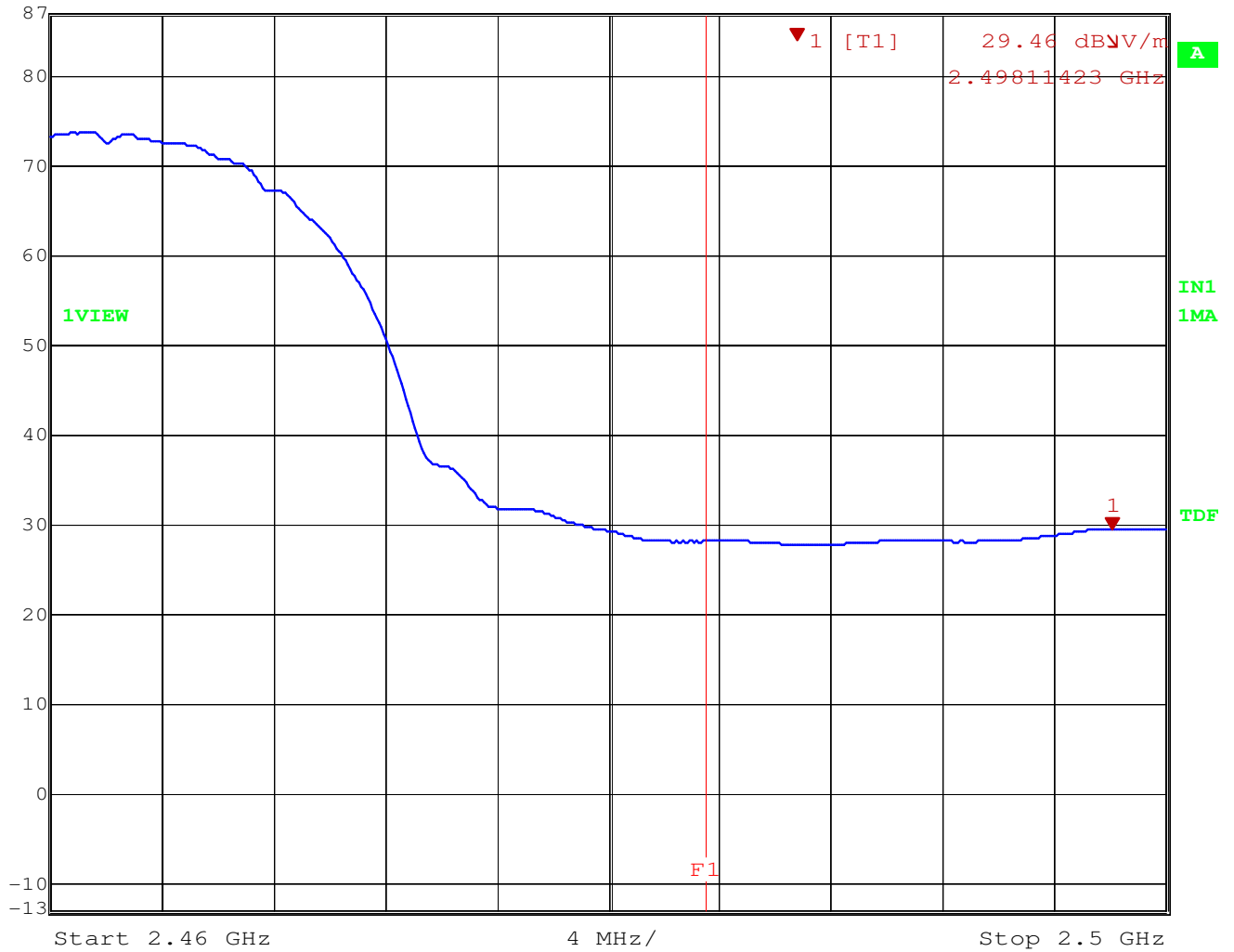


FCC ID: RUNMCIMX31PDK

802.11b, Restrict band 2483.5MHz ~ 2500MHz, AV



Ref Lvl 87 dB*
Marker 1 [T1] 29.46 dBμV/m
2.49811423 GHz
RBW 1 MHz
VBW 10 Hz
SWT 10 s
RF Att 0 dB
Unit dBμV/m

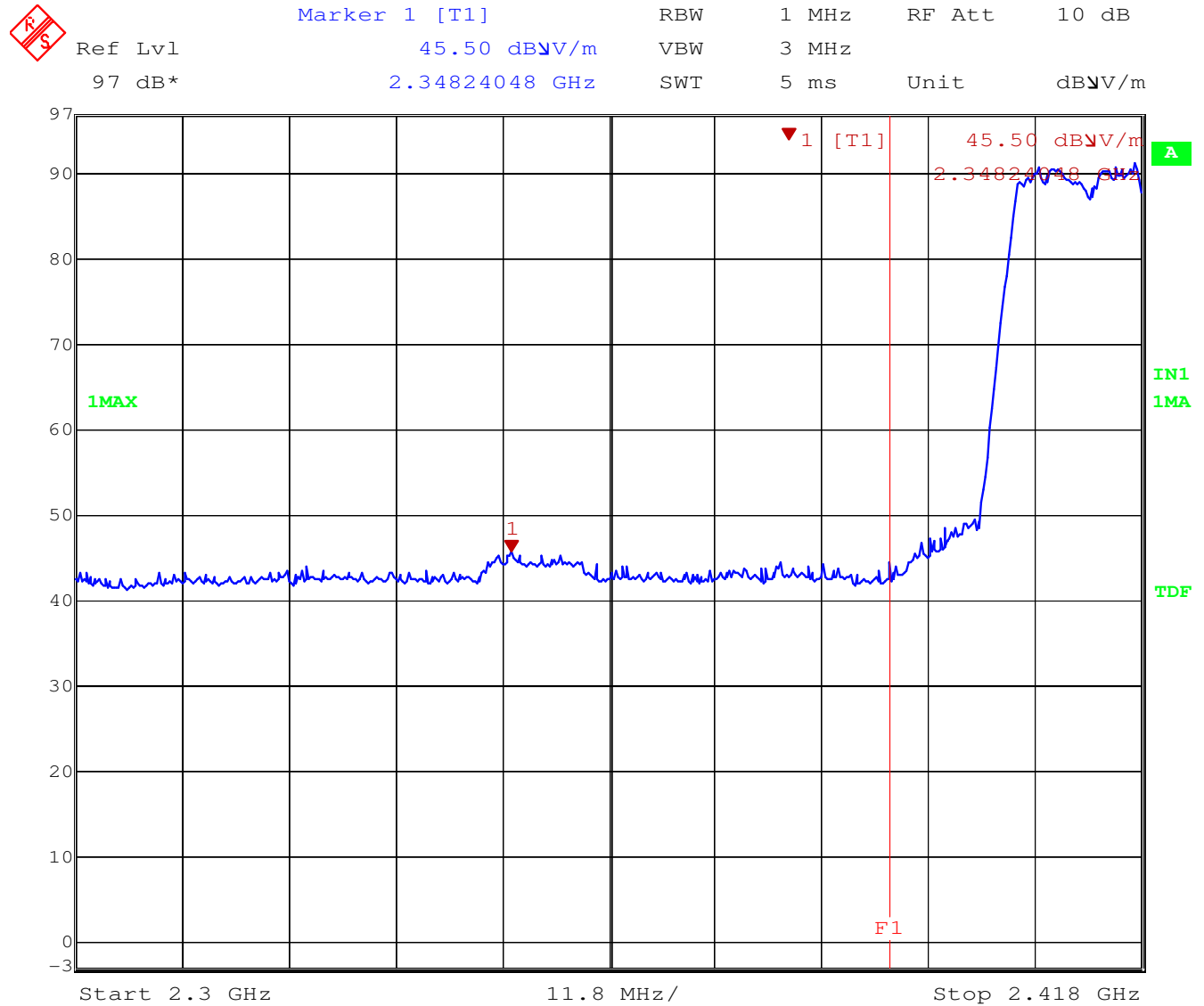


Date: 2.MAR.2008 16:33:59



FCC ID: RUNMCIMX31PDK

802.11g, Restrict band 2310MHz ~ 2390MHz, PK



Date: 2.MAR.2008 16:19:30

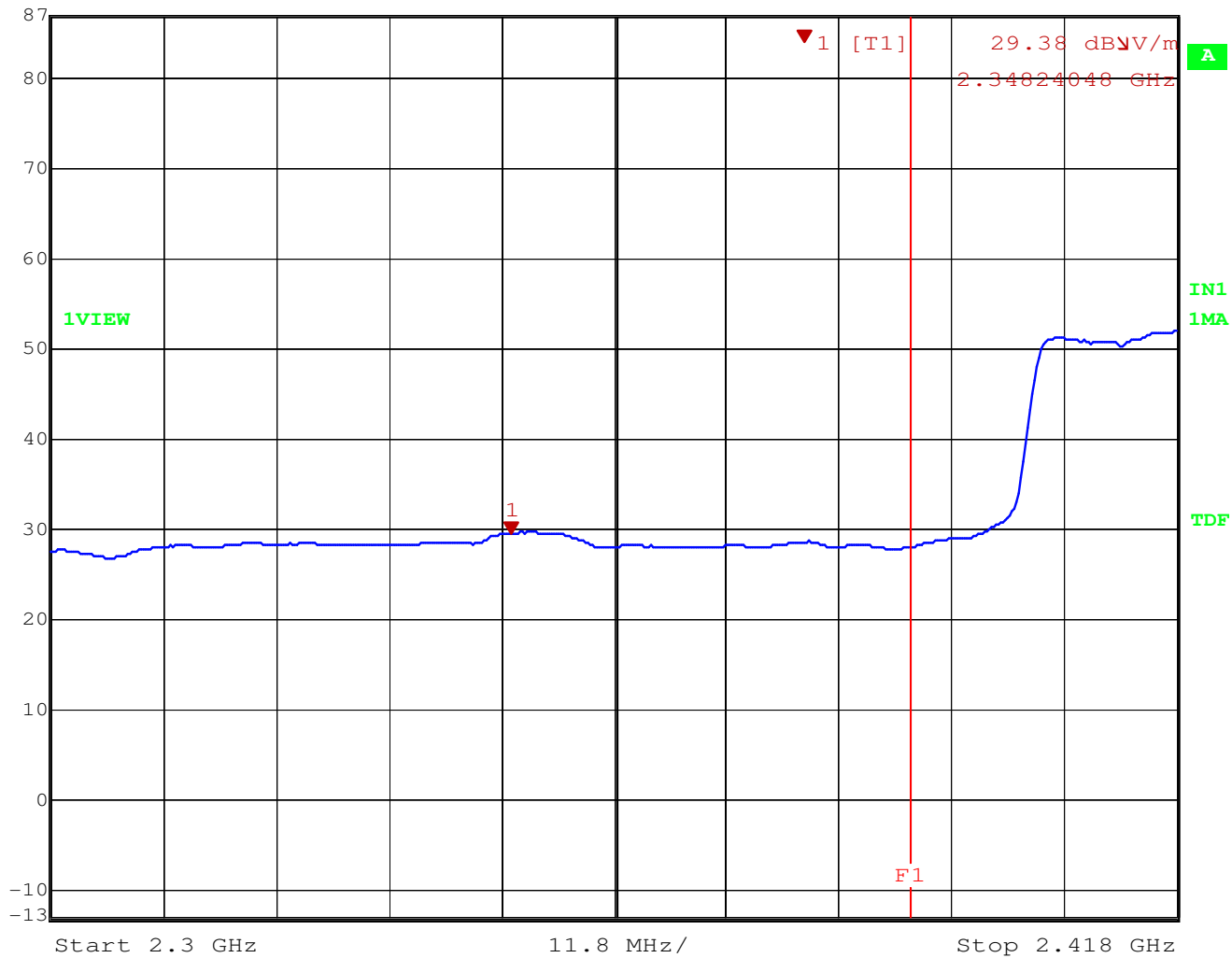


FCC ID: RUNMCIMX31PDK

802.11g, Restrict band 2310MHz ~ 2390MHz, AV



Ref Lvl 87 dB*
Marker 1 [T1] 29.38 dBμV/m
2.34824048 GHz
RBW 1 MHz
VBW 10 Hz
SWT 30 s
RF Att 0 dB
Unit dBμV/m

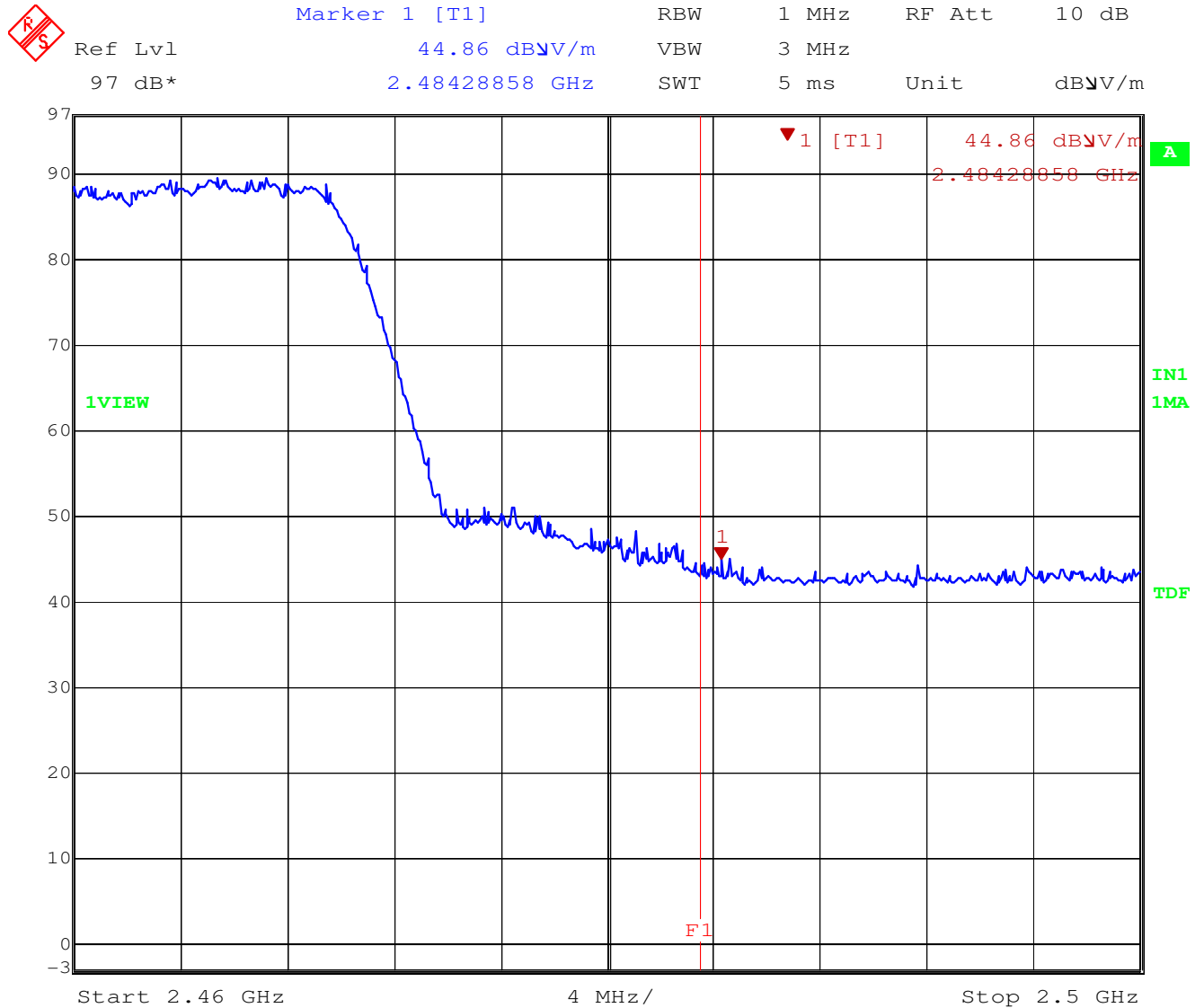


Date: 2.MAR.2008 16:24:13



FCC ID: RUNMCIMX31PDK

802.11g, Restrict band 2483.5MHz ~ 2500MHz, PK

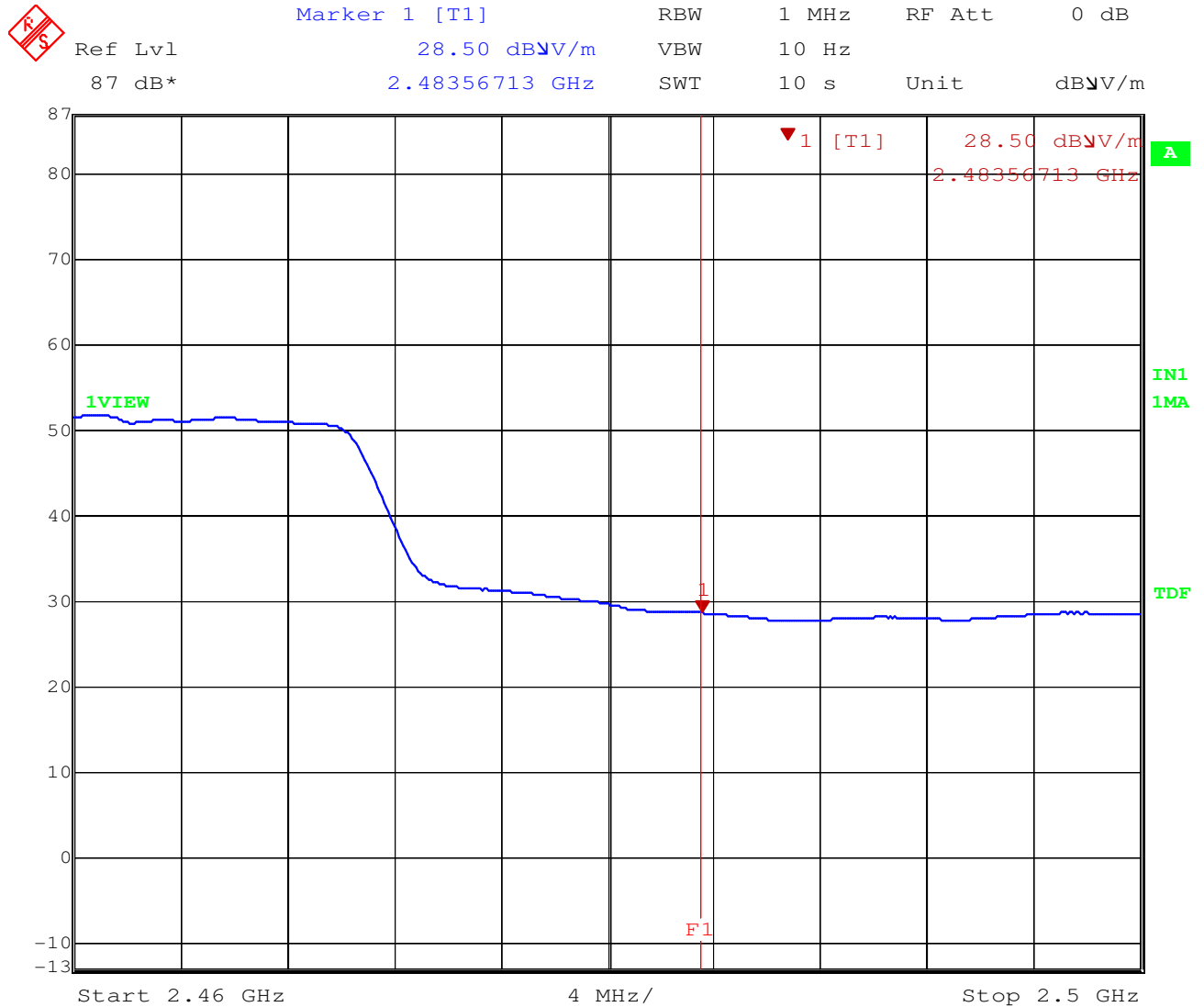


Date: 2.MAR.2008 16:41:12



FCC ID: RUNMCIMX31PDK

802.11g, Restrict band 2483.5MHz ~ 2500MHz, AV

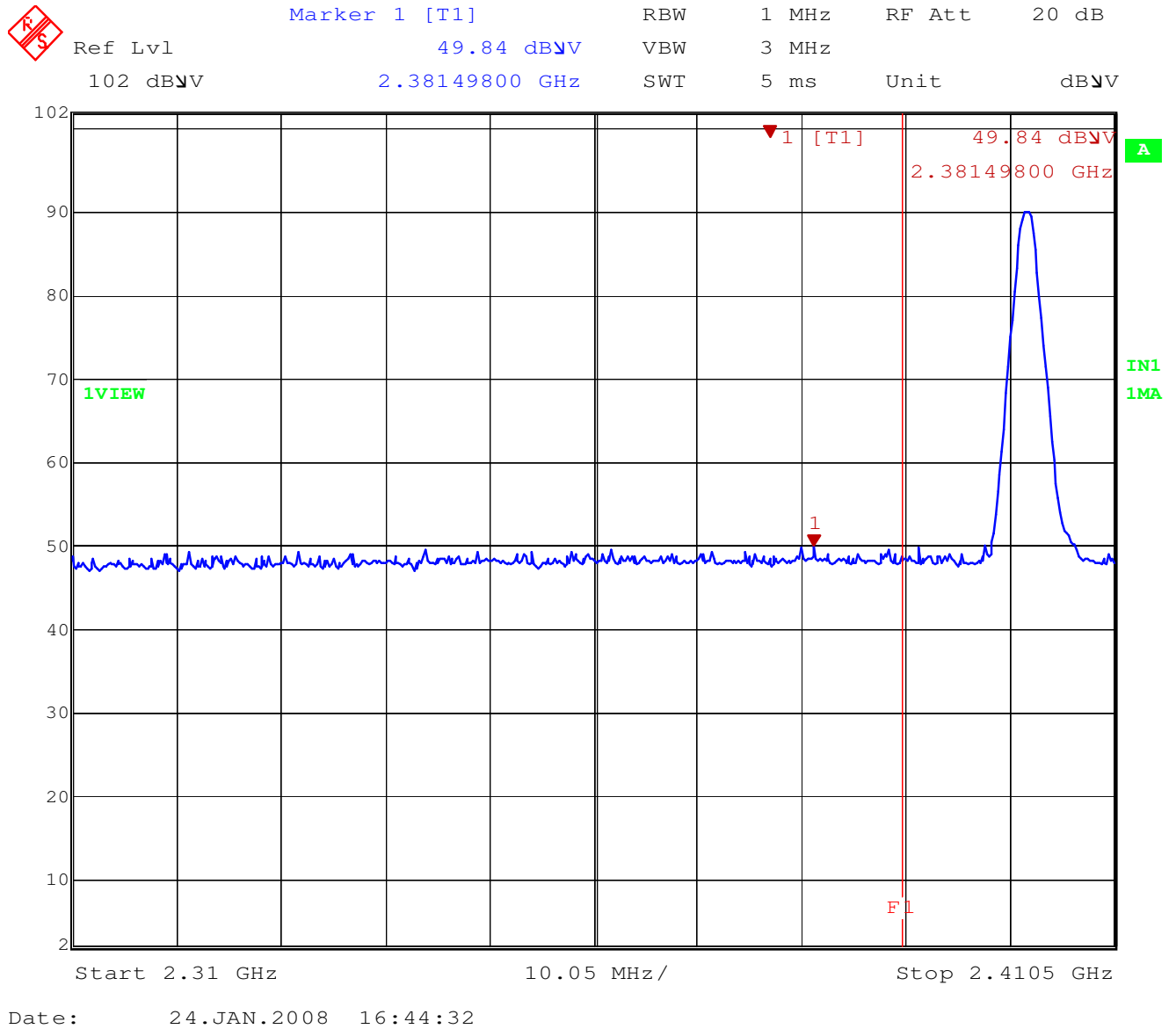


Date: 2.MAR.2008 16:38:16



FCC ID: RUNMCIMX31PDK

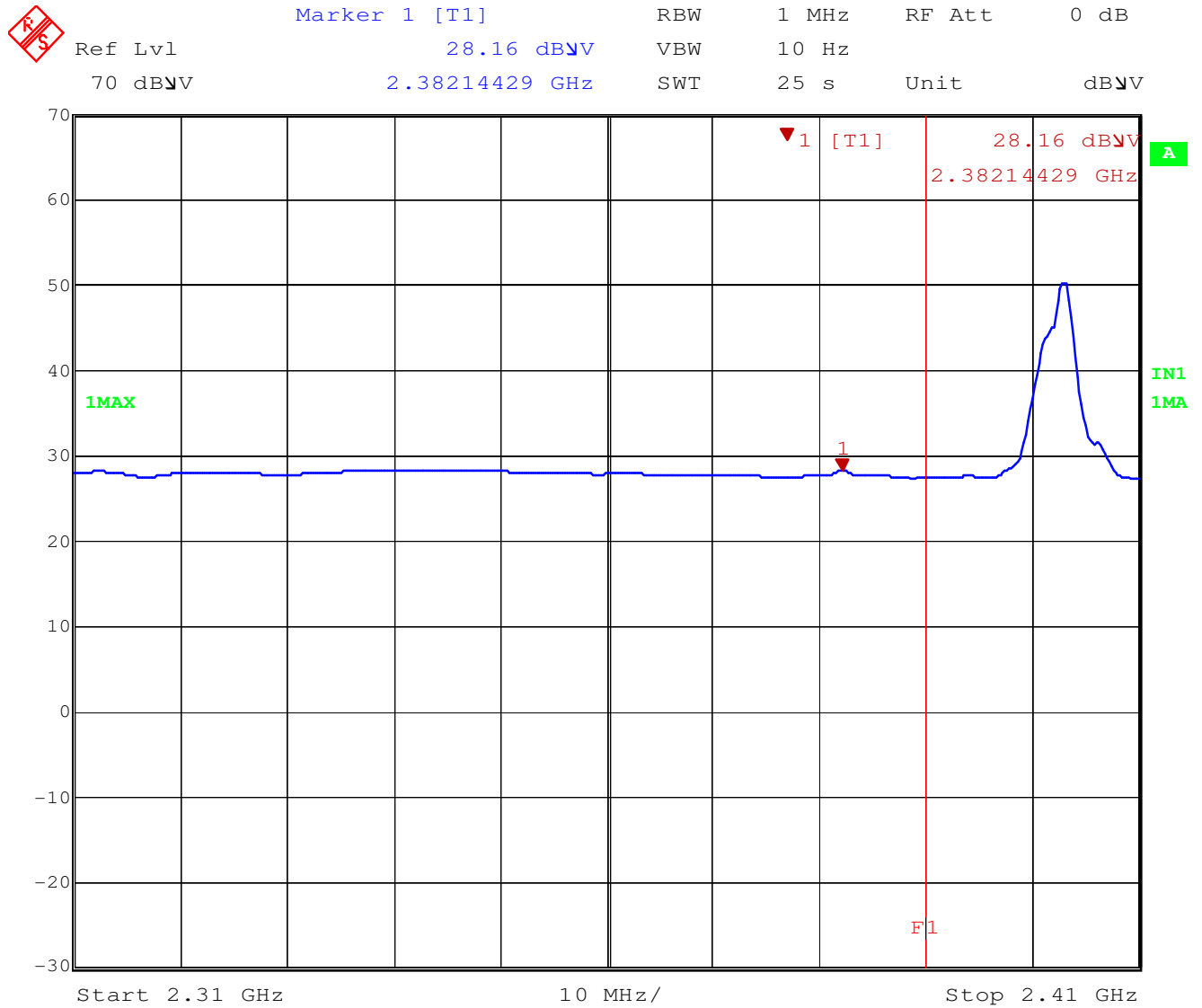
Bluetooth, Restrict band 2310MHz ~ 2390MHz, PK





FCC ID: RUNMCIMX31PDK

Bluetooth, Restrict band 2310MHz ~ 2390MHz, AV



Date: 24.JAN.2008 16:56:31

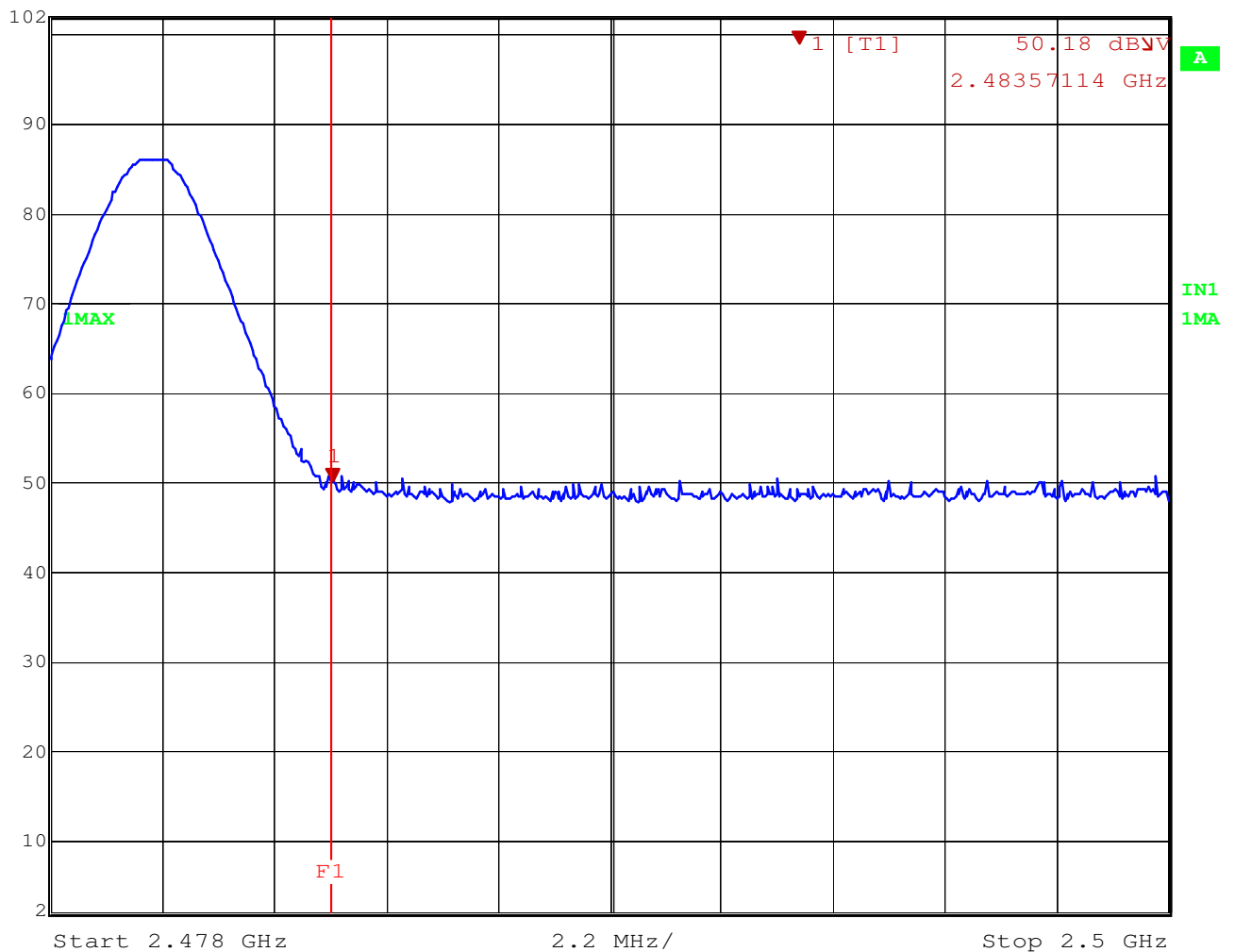


FCC ID: RUNMCIMX31PDK

Bluetooth, Restrict band 2483.5MHz ~ 2500MHz, PK



Marker 1 [T1] RBW 1 MHz RF Att 20 dB
Ref Lvl 50.18 dBV VBW 3 MHz
102 dBV 2.48357114 GHz SWT 5 ms Unit dBV

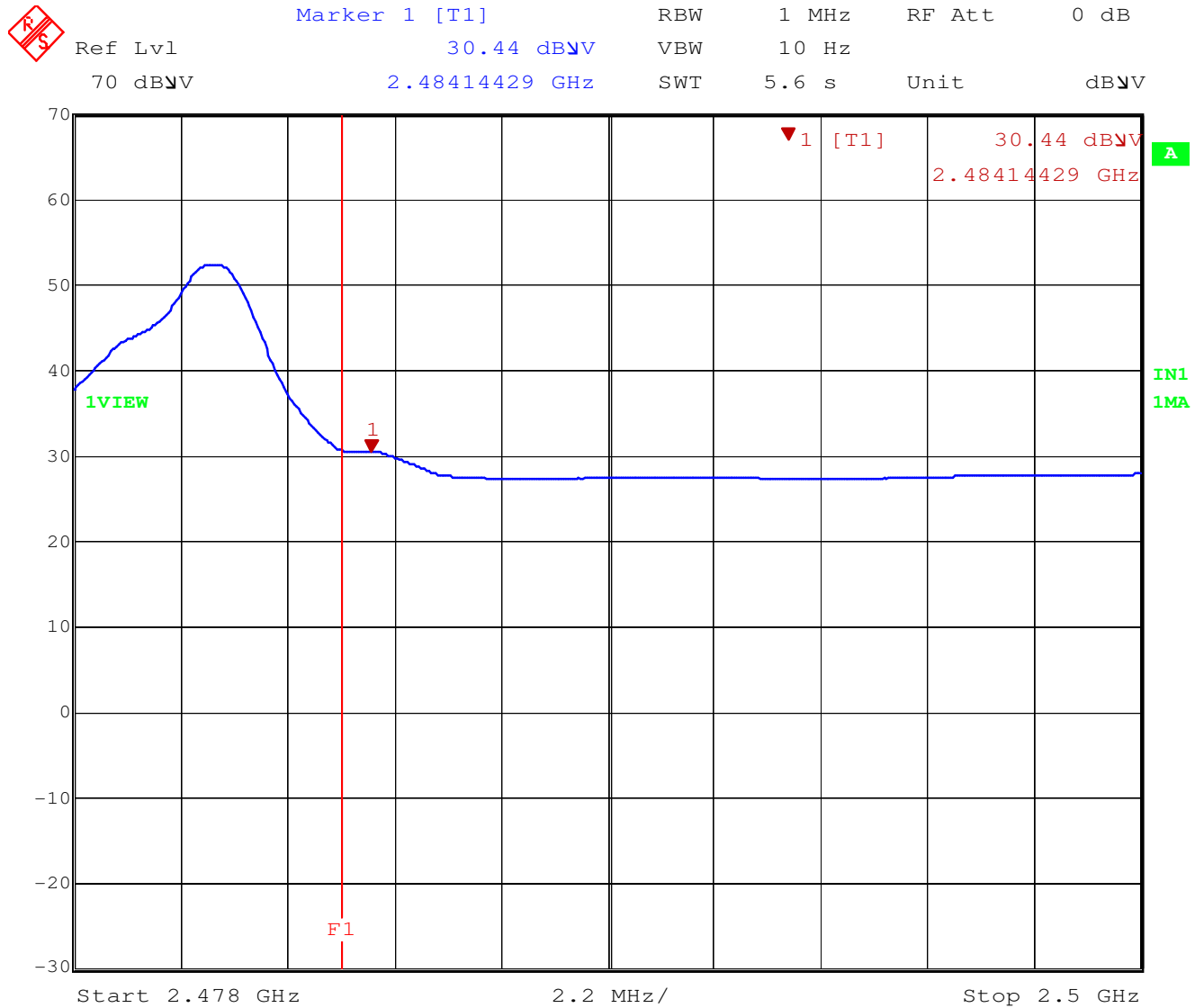


Date: 24.JAN.2008 16:49:16



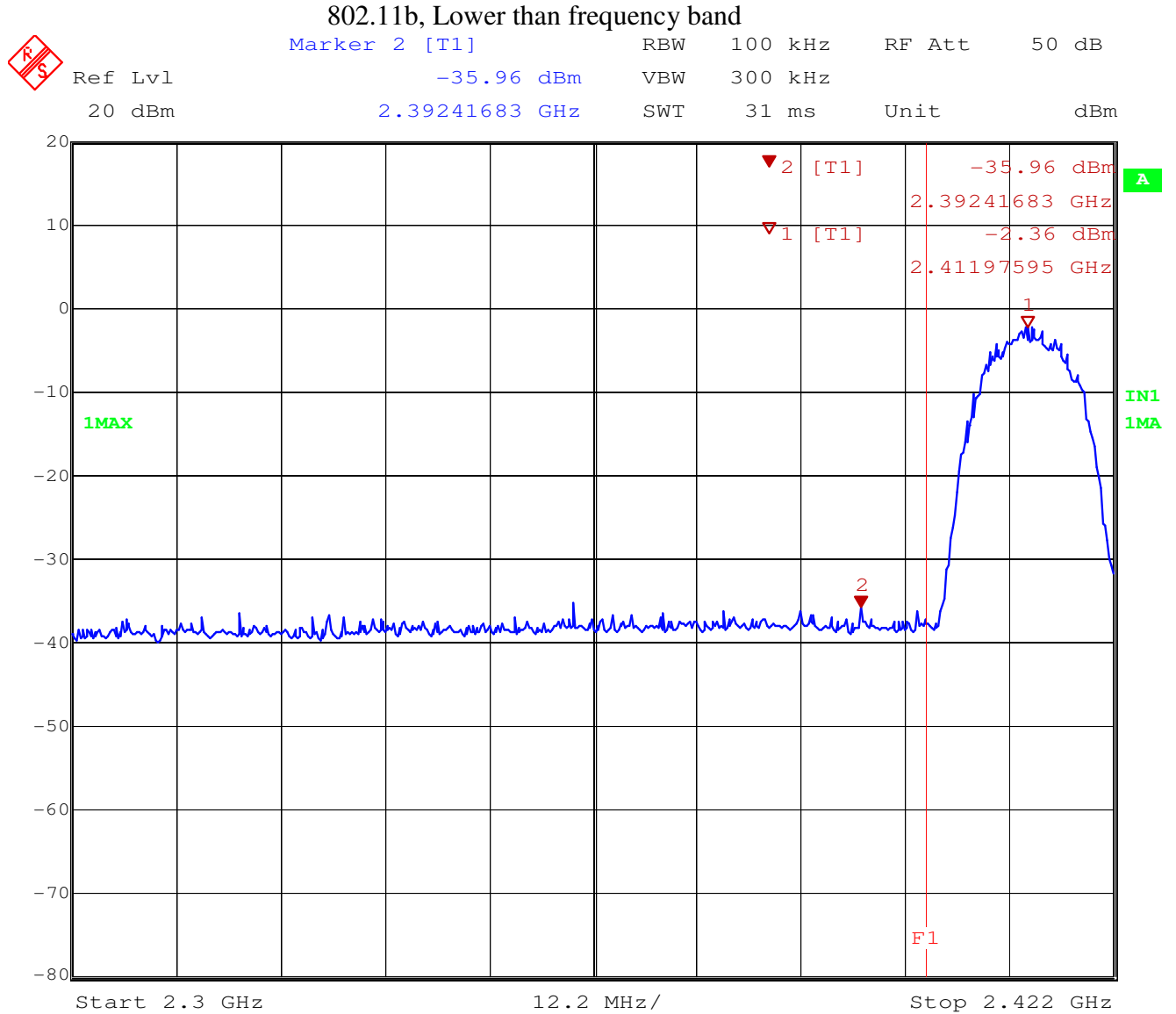
FCC ID: RUNMCIMX31PDK

Bluetooth, Restrict band 2483.5MHz ~ 2500MHz, AV



Date: 24.JAN.2008 16:53:04

5. Emission outside the frequency band

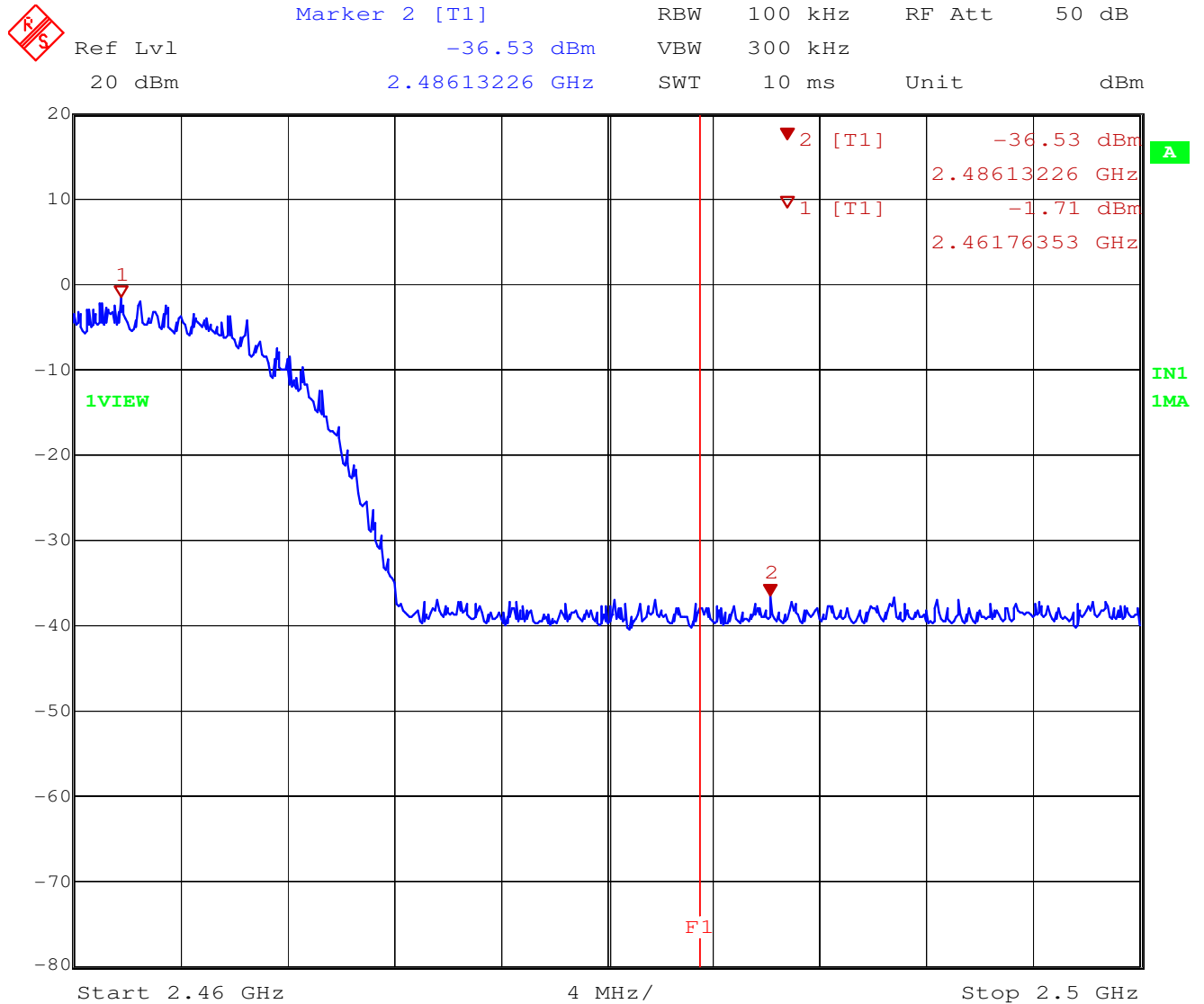


Date: 2.MAR.2008 17:33:28



FCC ID: RUNMCIMX31PDK

802.11b, Higher than frequency band

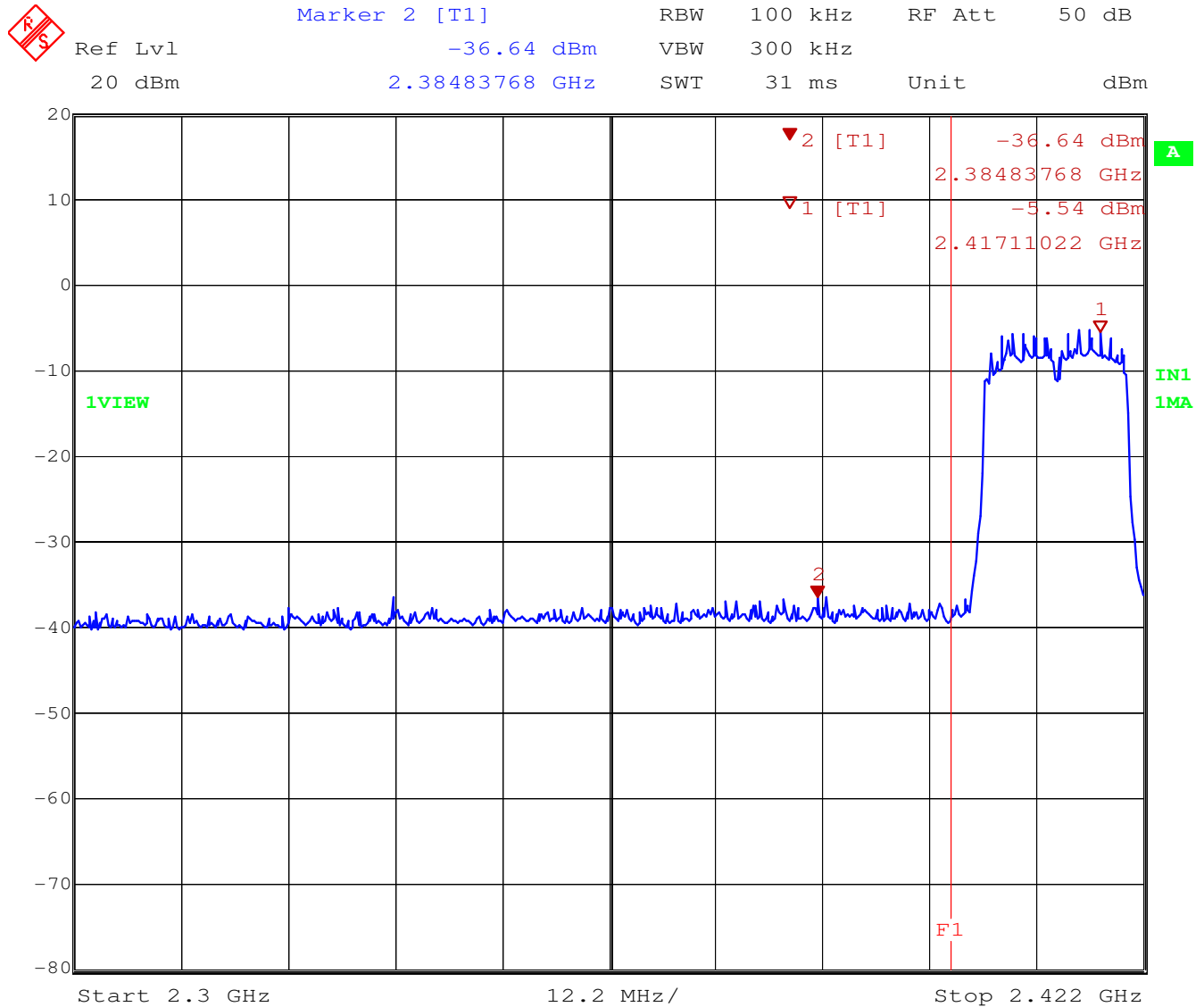


Date: 2.MAR.2008 17:37:12



FCC ID: RUNMCIMX31PDK

802.11g, Lower than frequency band

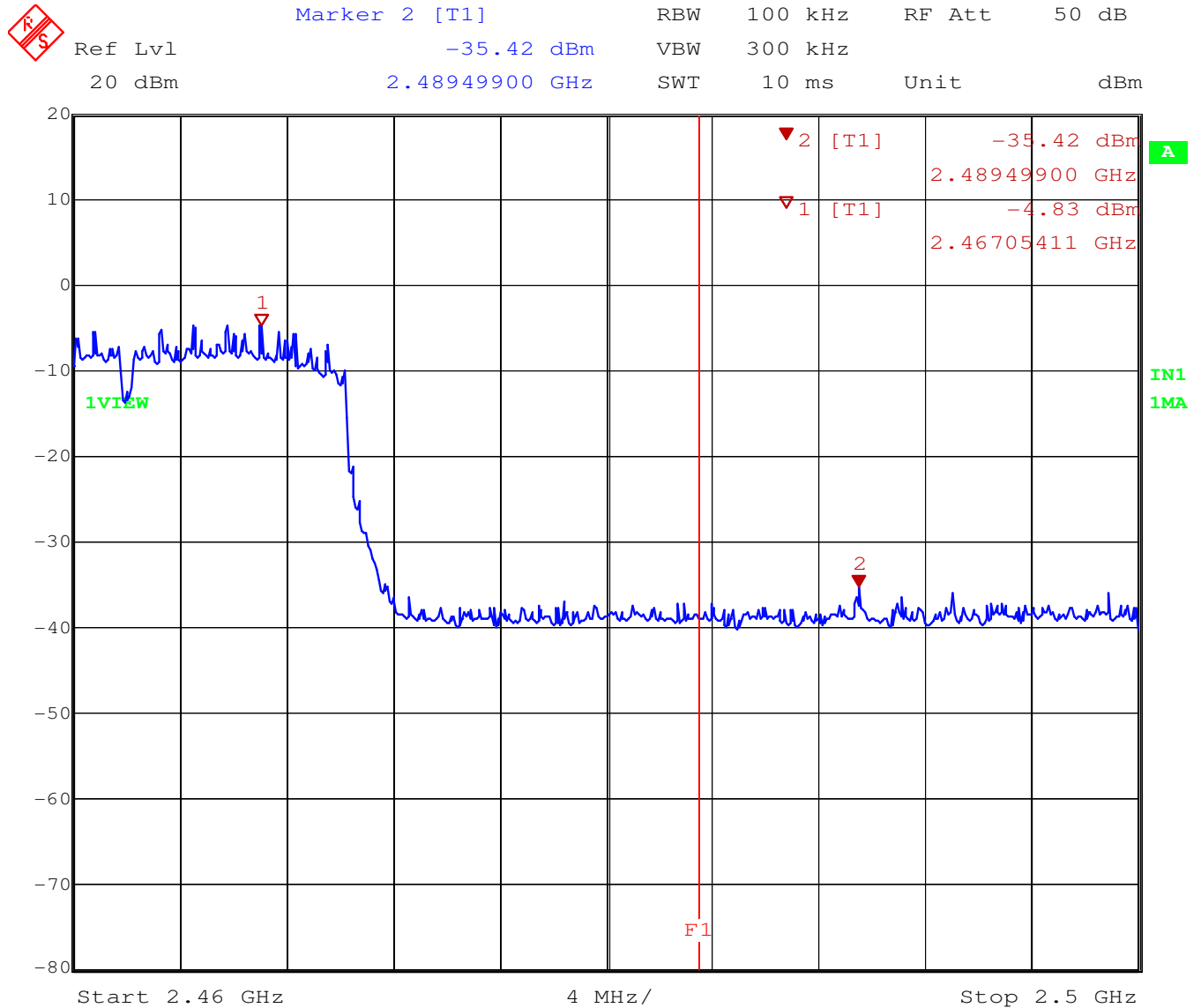


Date: 2.MAR.2008 17:35:02



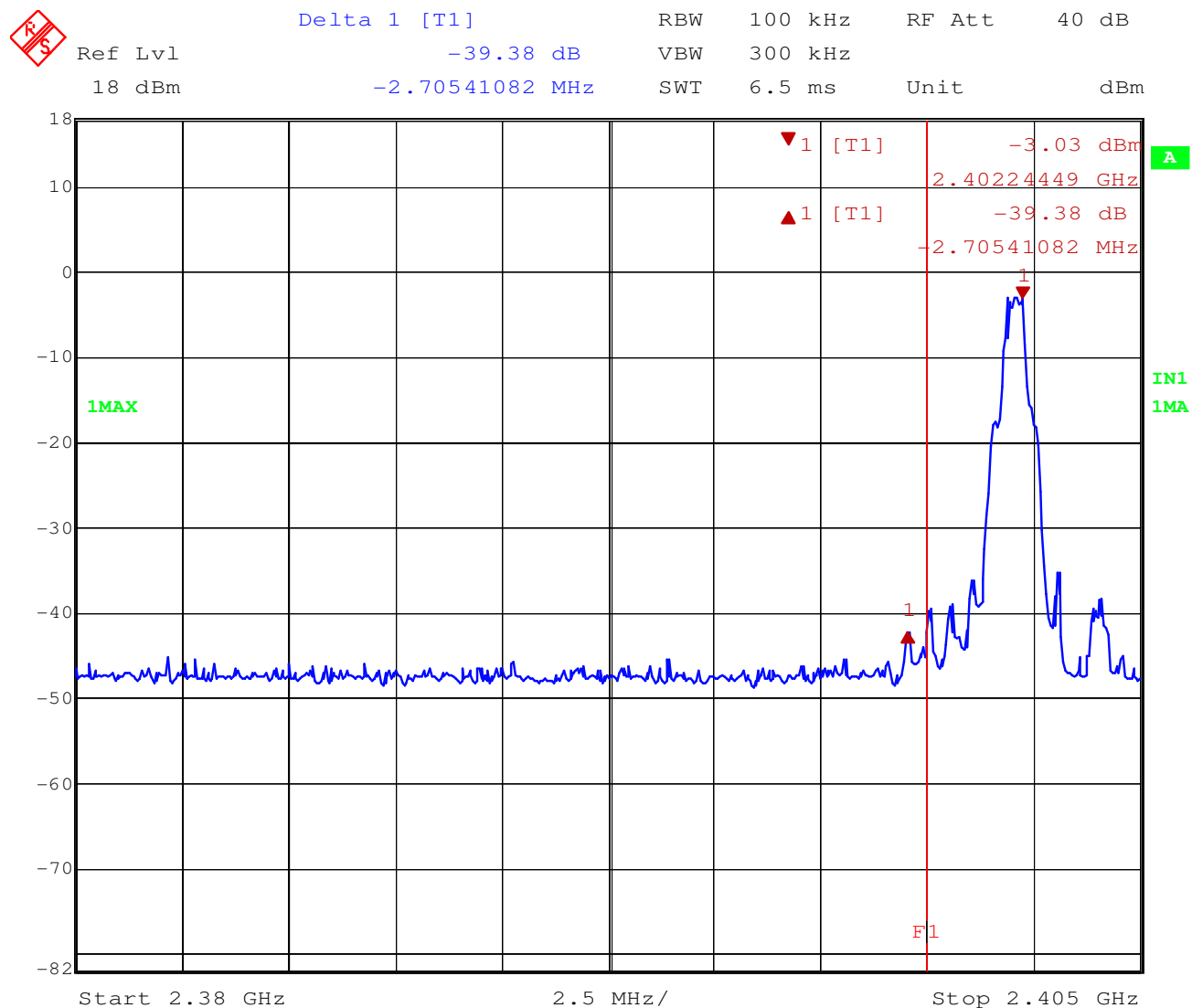
FCC ID: RUNMCIMX31PDK

802.11g, Higher than frequency band



Date: 2.MAR.2008 17:36:13

Bluetooth, Lower than frequency band



Date: 24.JAN.2008 16:03:16

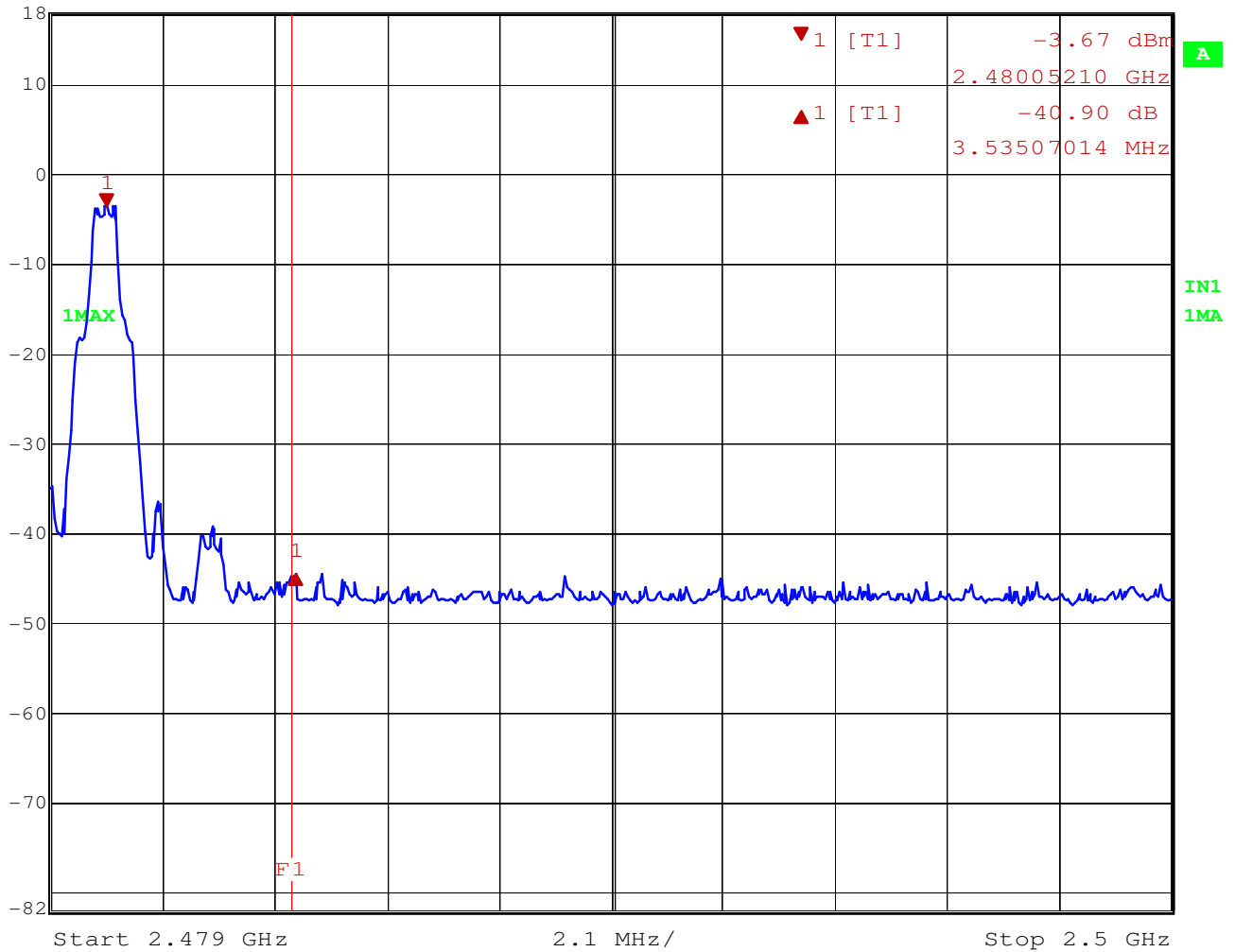


FCC ID: RUNMCIMX31PDK

Bluetooth, Higher than frequency band



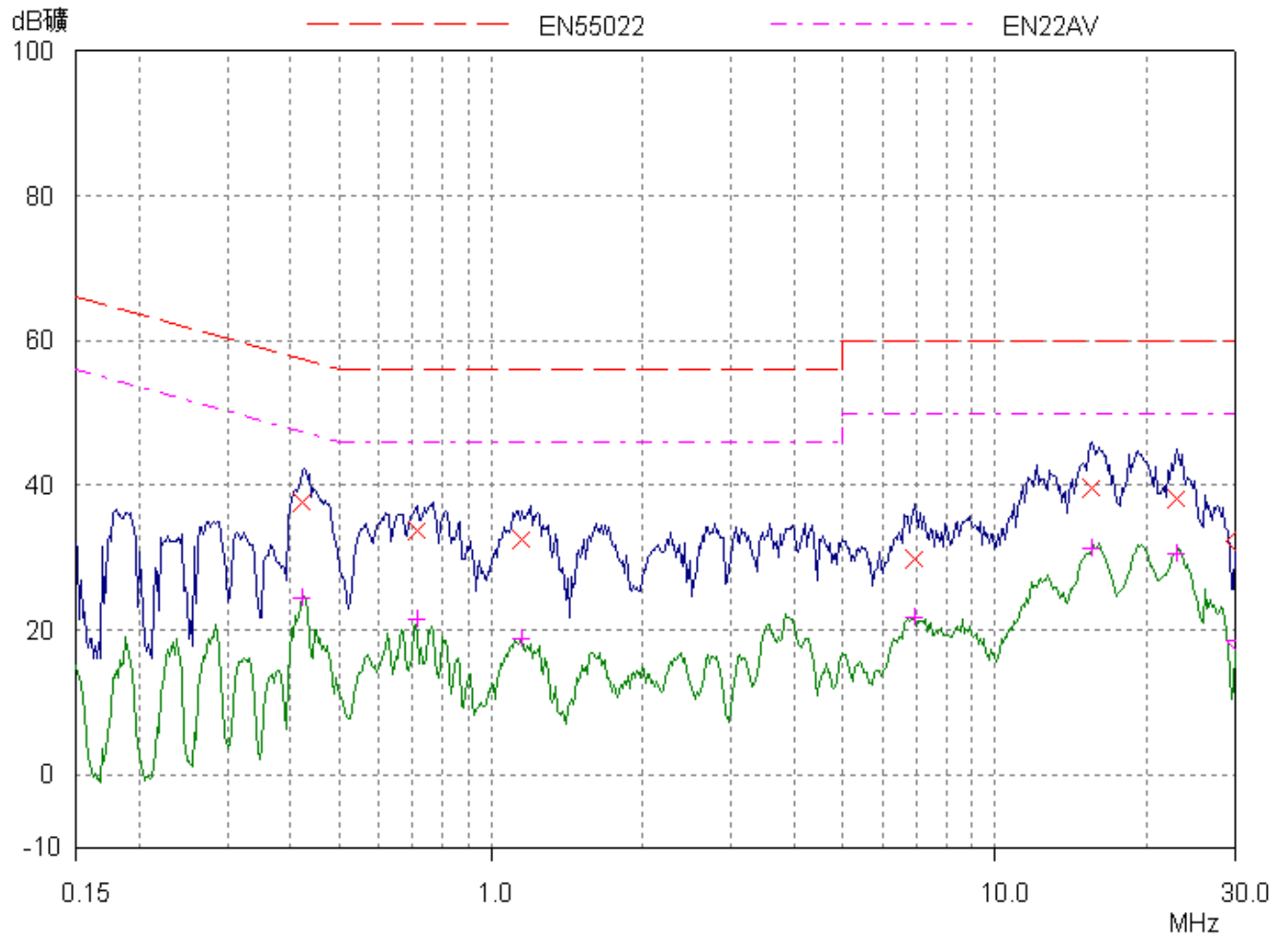
Ref Lvl 18 dBm
Delta 1 [T1] -40.90 dB
3.53507014 MHz
RBW 100 kHz
VBW 300 kHz
SWT 5.5 ms
RF Att 40 dB
Unit dBm



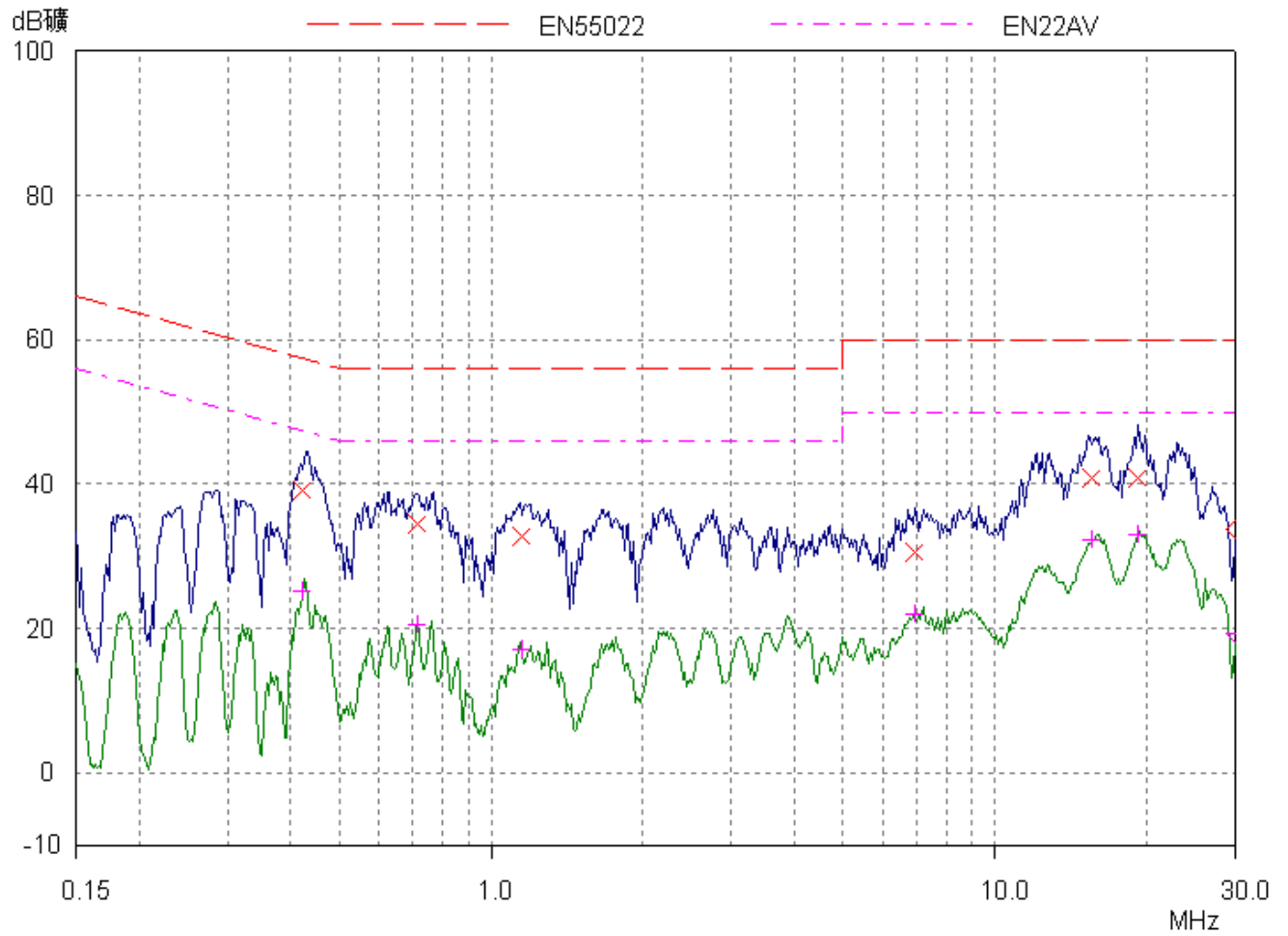
Date: 24.JAN.2008 16:01:23

6. Conducted Emission

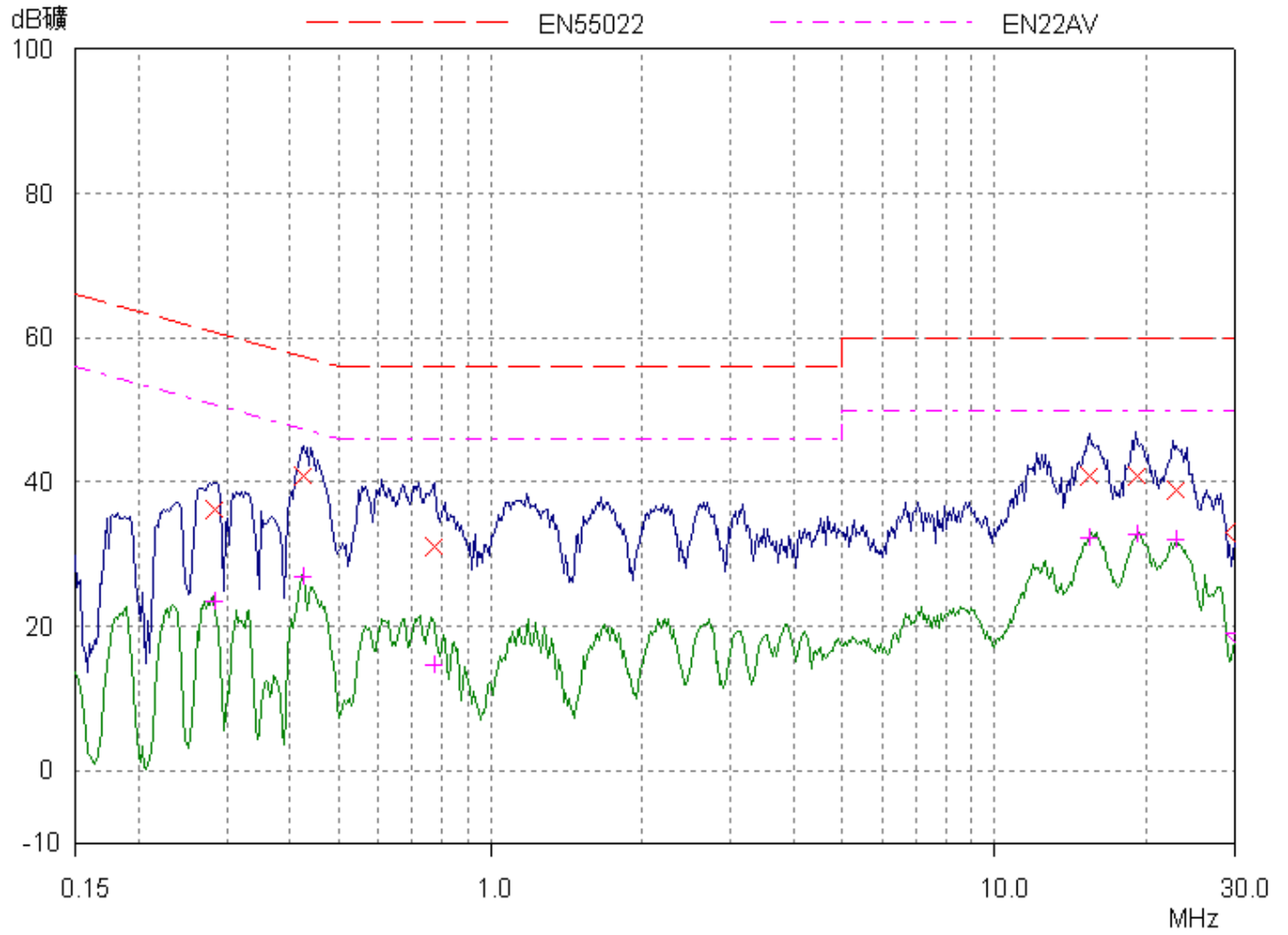
802.11b/g, Power line: L



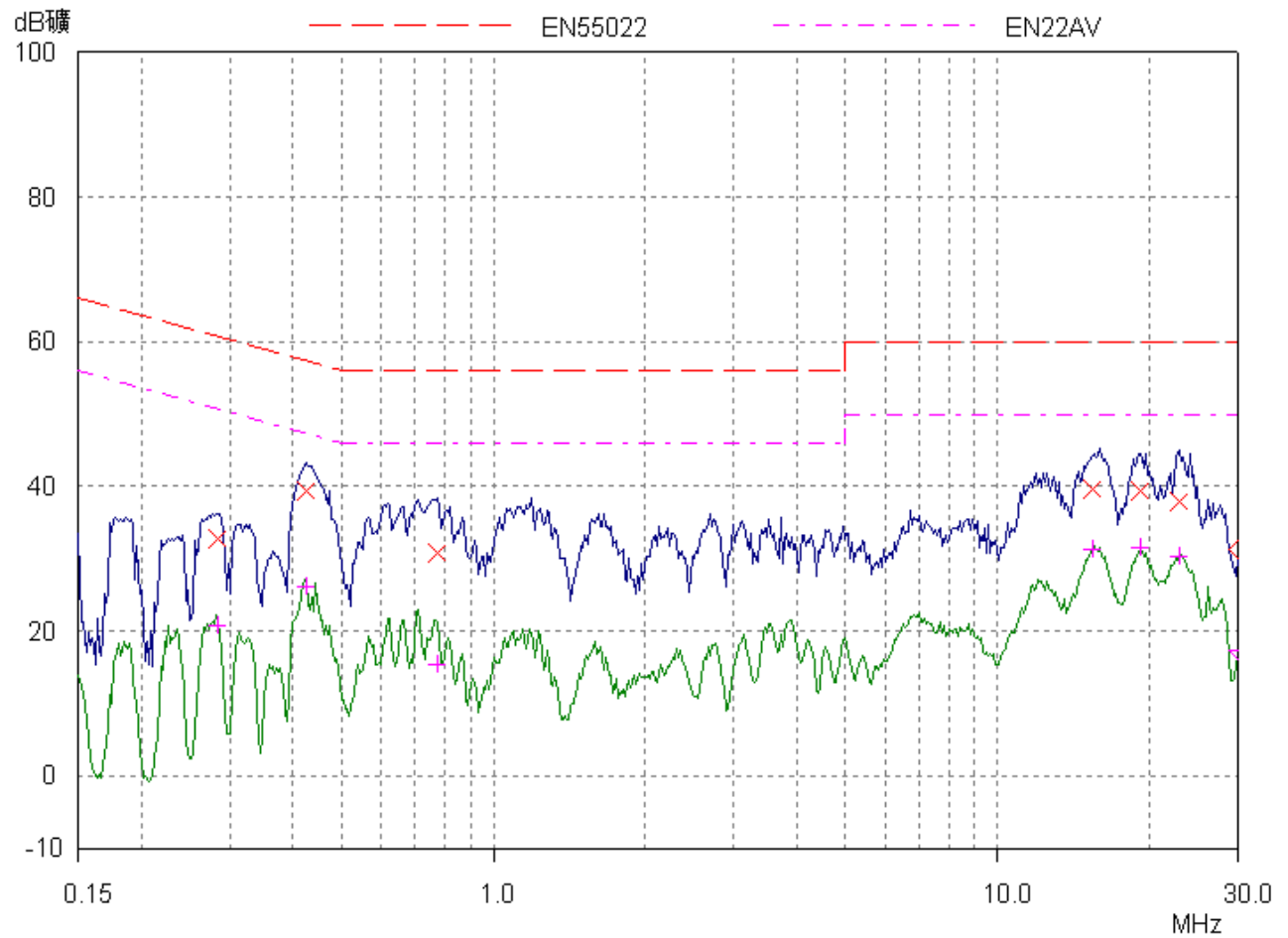
802.11b/g, Power line: N



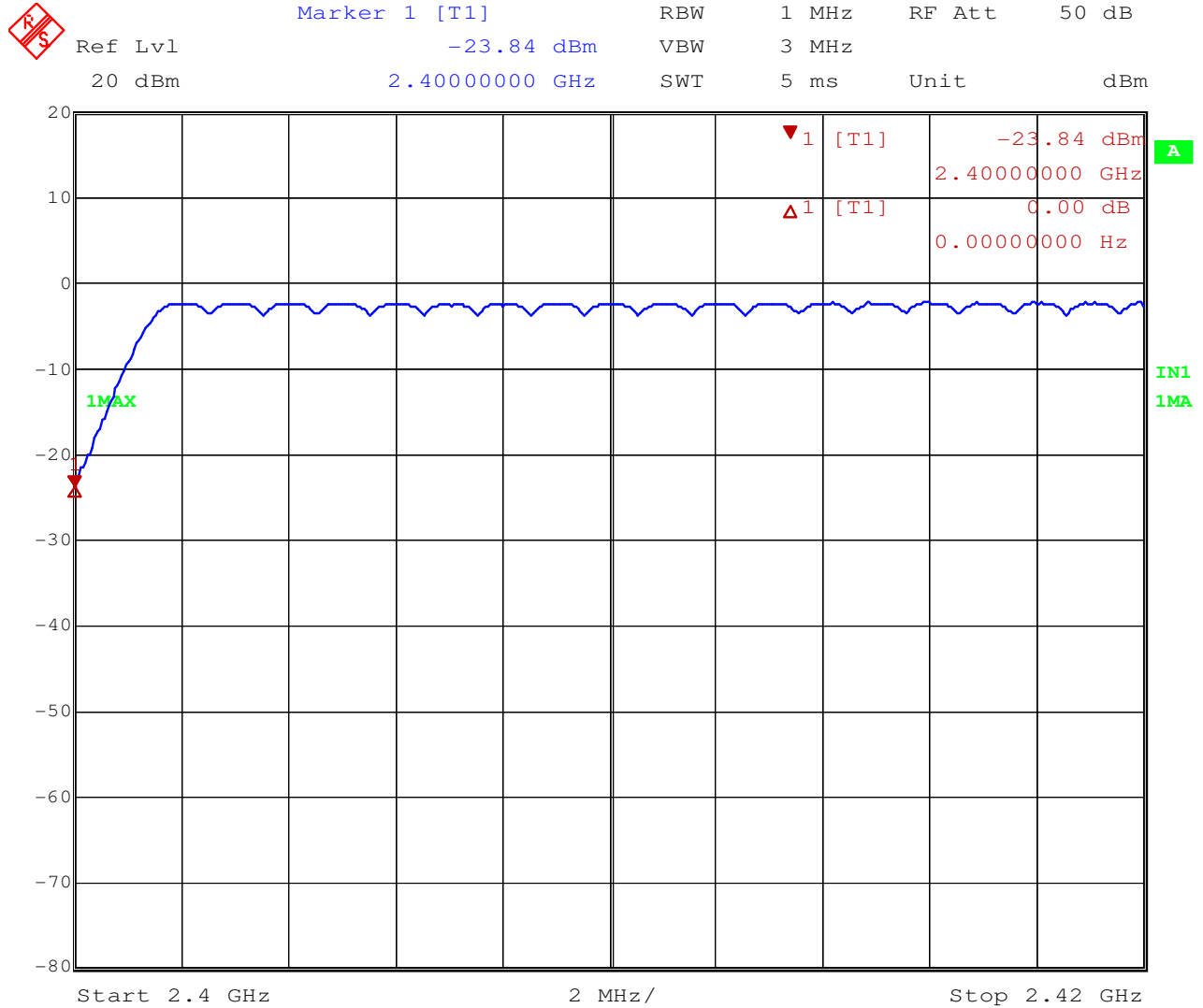
Bluetooth, Power line: L



Bluetooth, Power line: N



7. Channel Number of hopping system



Date: 24.JAN.2008 15:32:22

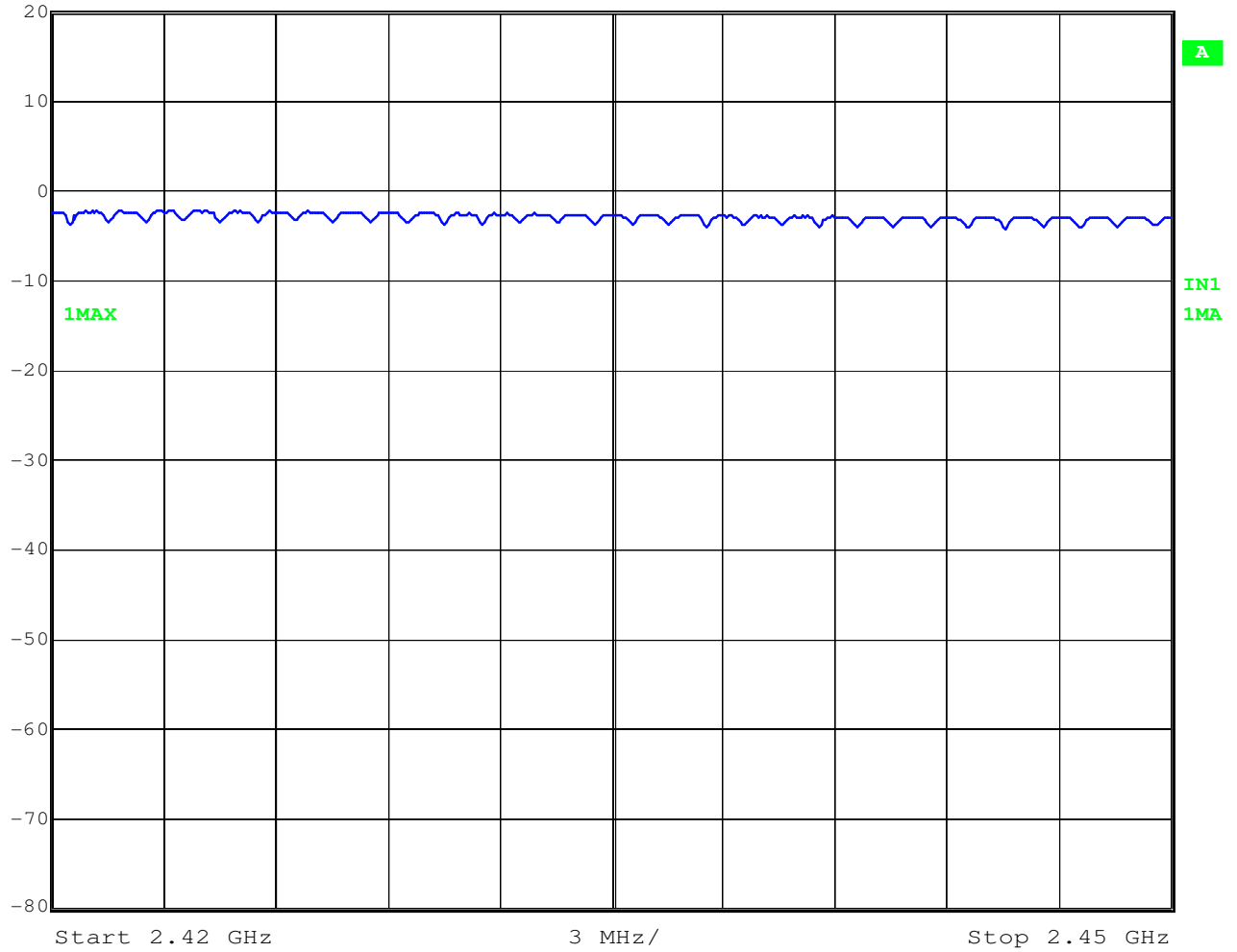


FCC ID: RUNMCIMX31PDK



Ref Lvl
20 dBm

RBW	1 MHz	RF Att	50 dB
VBW	3 MHz		
SWT	5 ms	Unit	dBm



Date: 24.JAN.2008 15:33:48

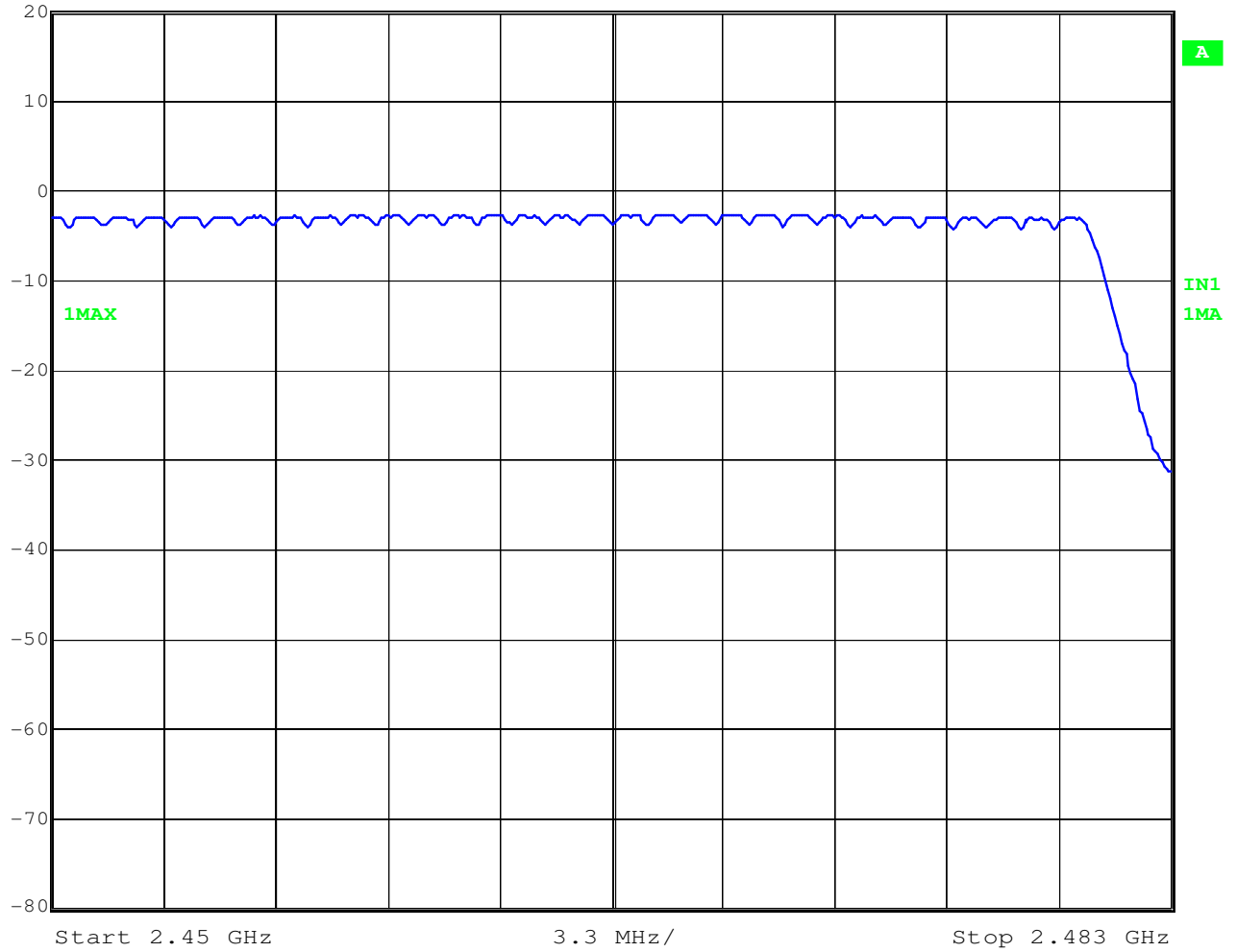


FCC ID: RUNMCIMX31PDK



Ref Lvl
20 dBm

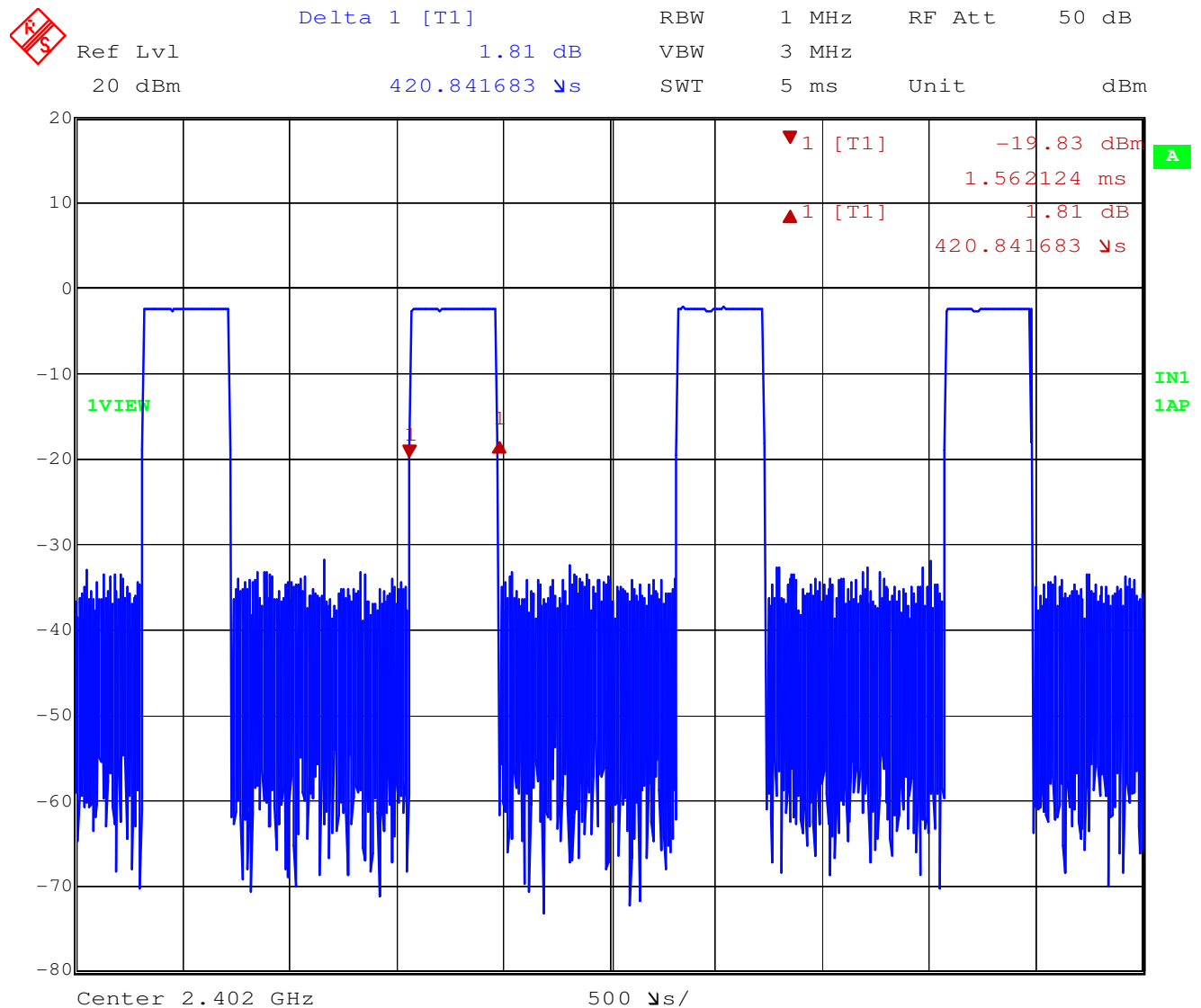
RBW	1 MHz	RF Att	50 dB
VBW	3 MHz		
SWT	5 ms	Unit	dBm



Date: 24.JAN.2008 15:35:35

8. Average time of occupancy in any channel

DH1

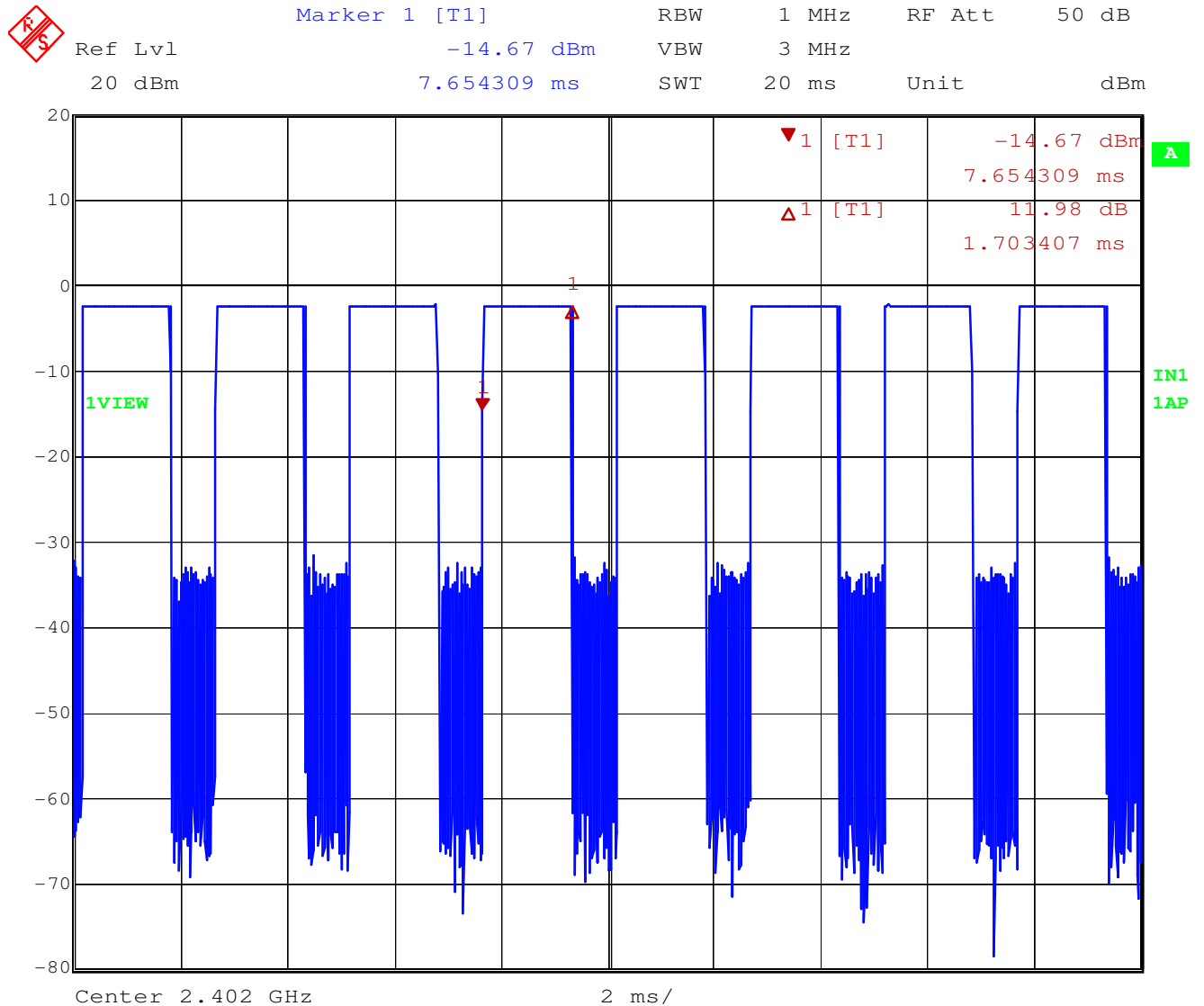


Date: 24.JAN.2008 15:21:32



FCC ID: RUNMCIMX31PDK

DH3

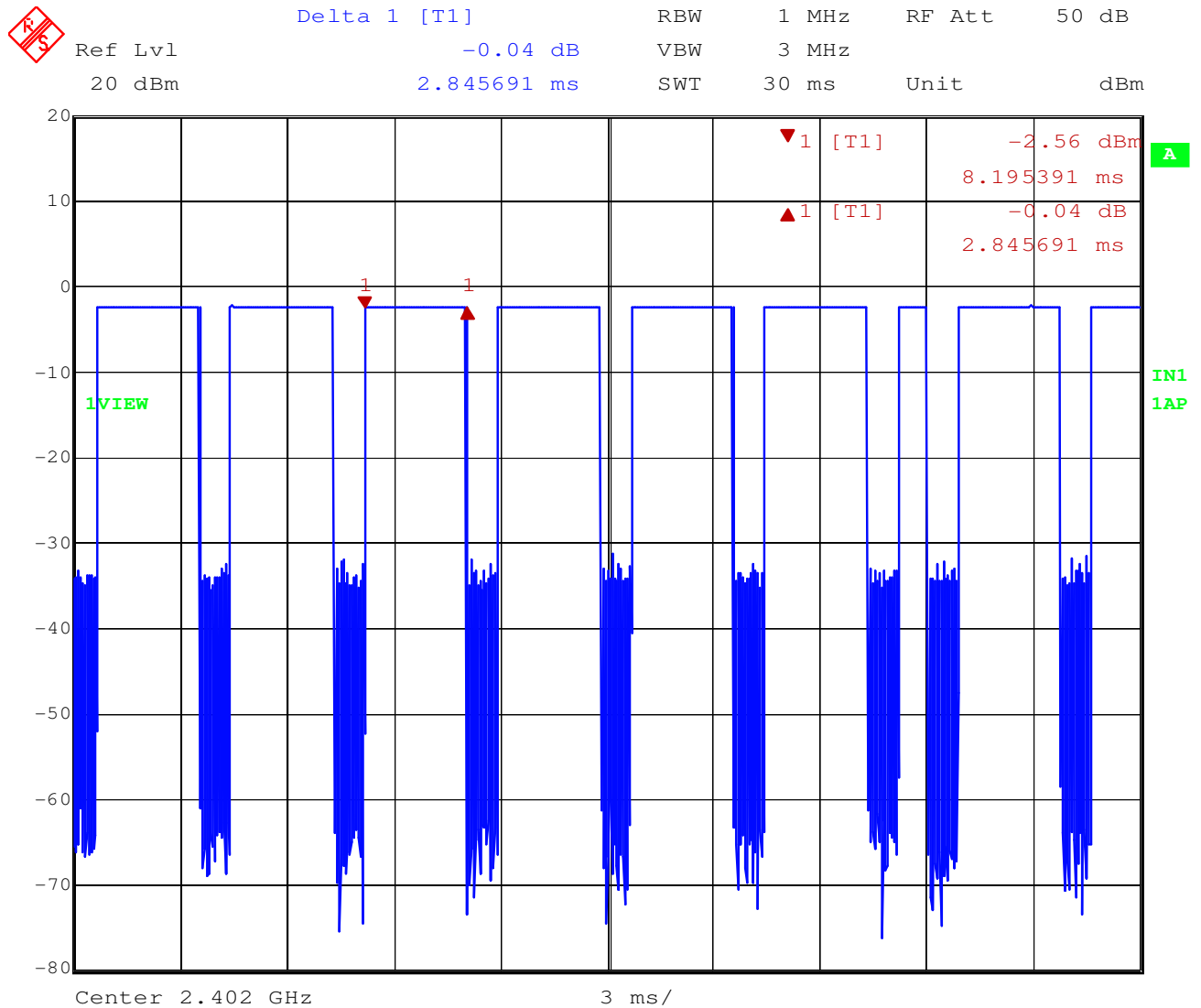


Date: 24.JAN.2008 15:23:17



FCC ID: RUNMCIMX31PDK

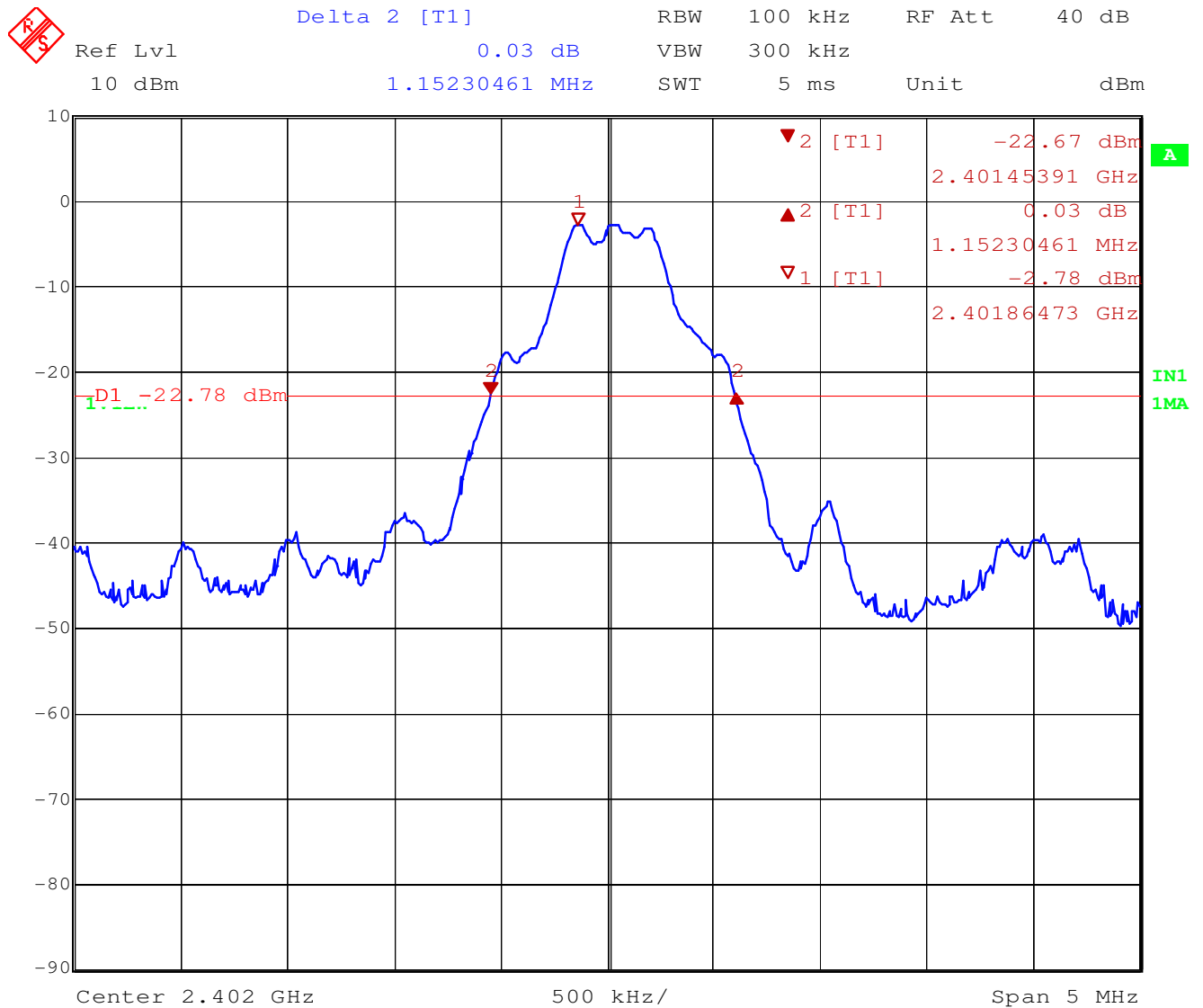
DH5



Date: 24.JAN.2008 15:24:44

9. Hopping channel separation

20 dB bandwidth of channel 0

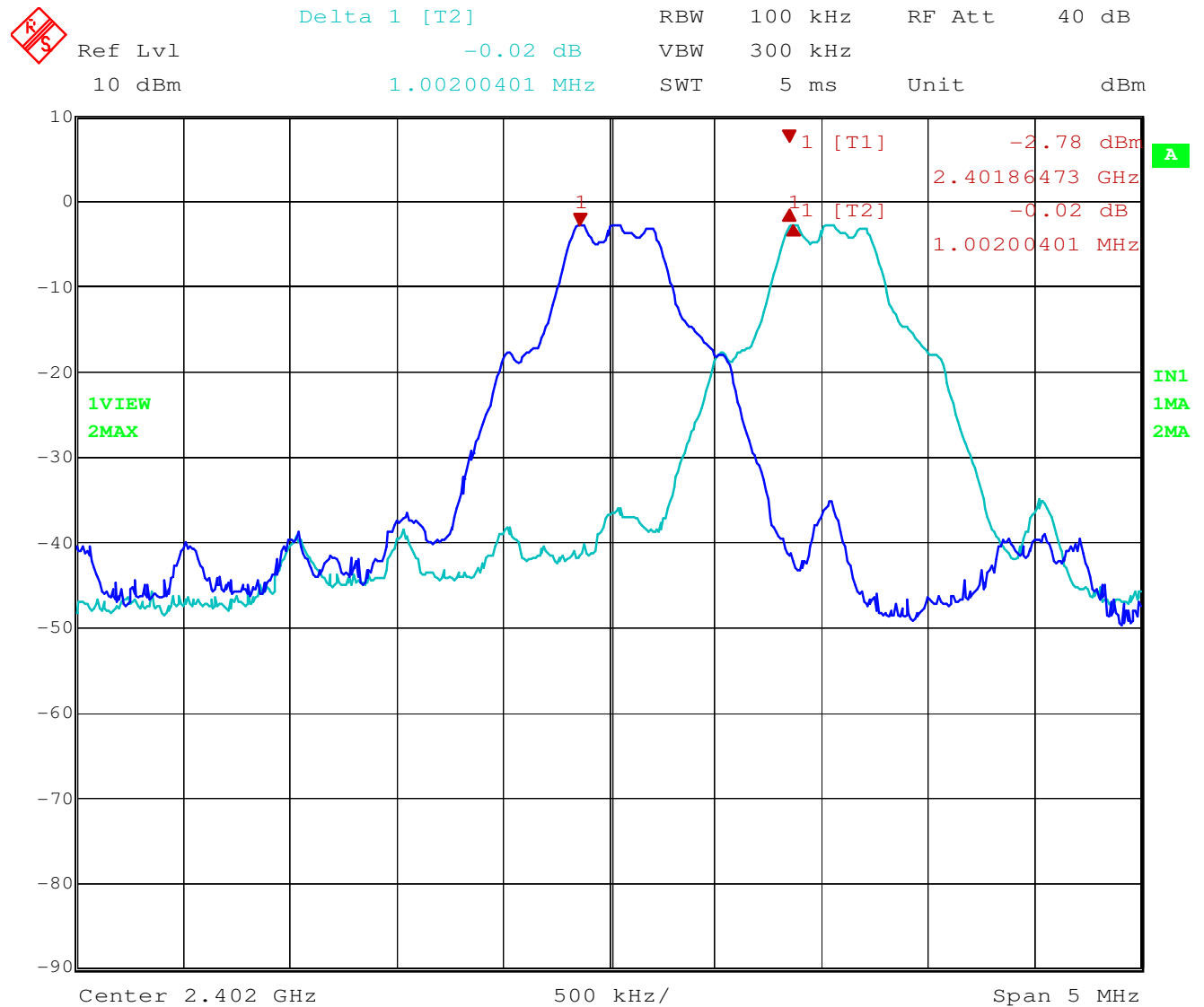


Date: 24.JAN.2008 14:42:31



FCC ID: RUNMCIMX31PDK

Channel separation between channel 0 and channel 1

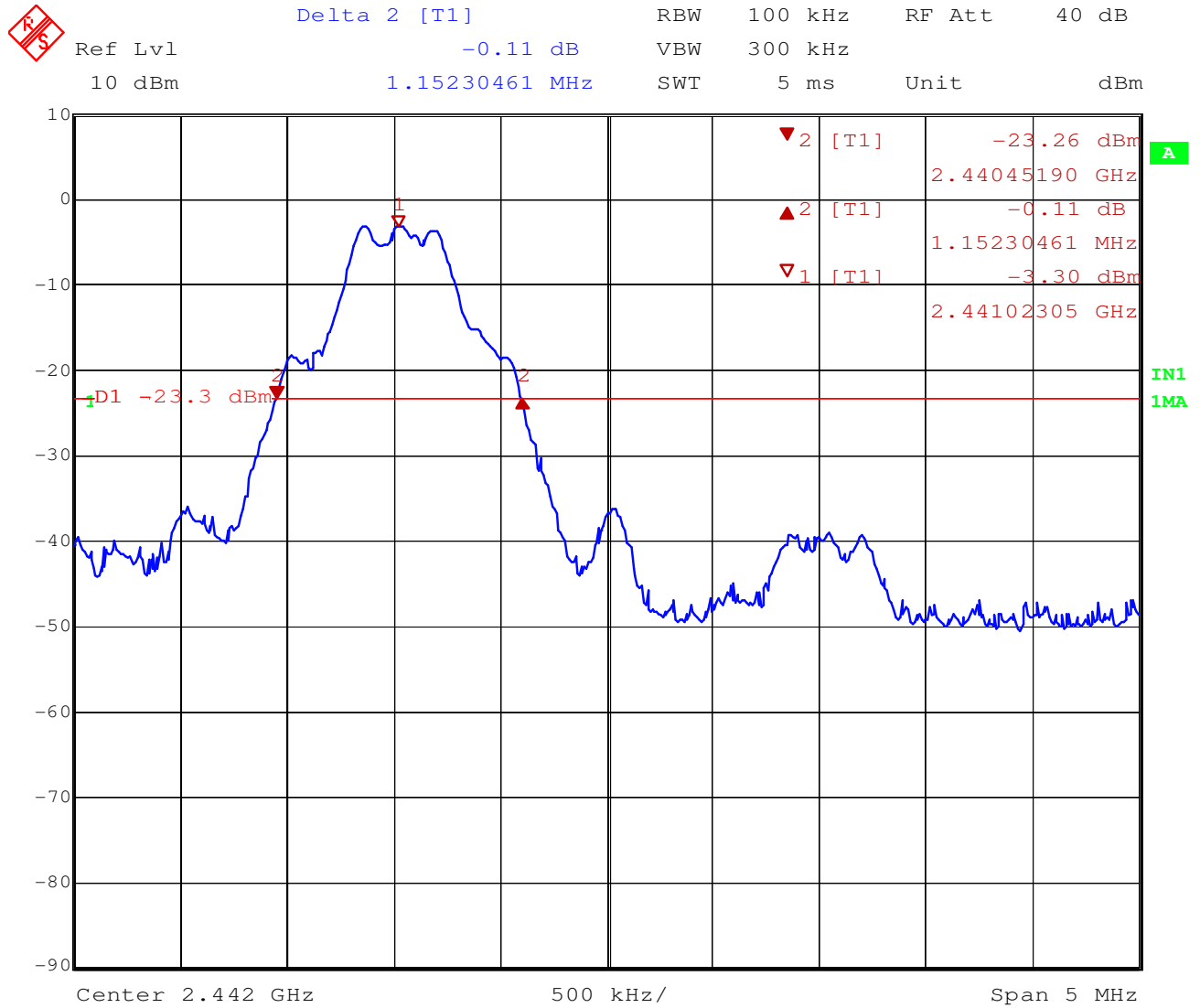


Date: 24.JAN.2008 14:41:37



FCC ID: RUNMCIMX31PDK

20 dB bandwidth of channel 39

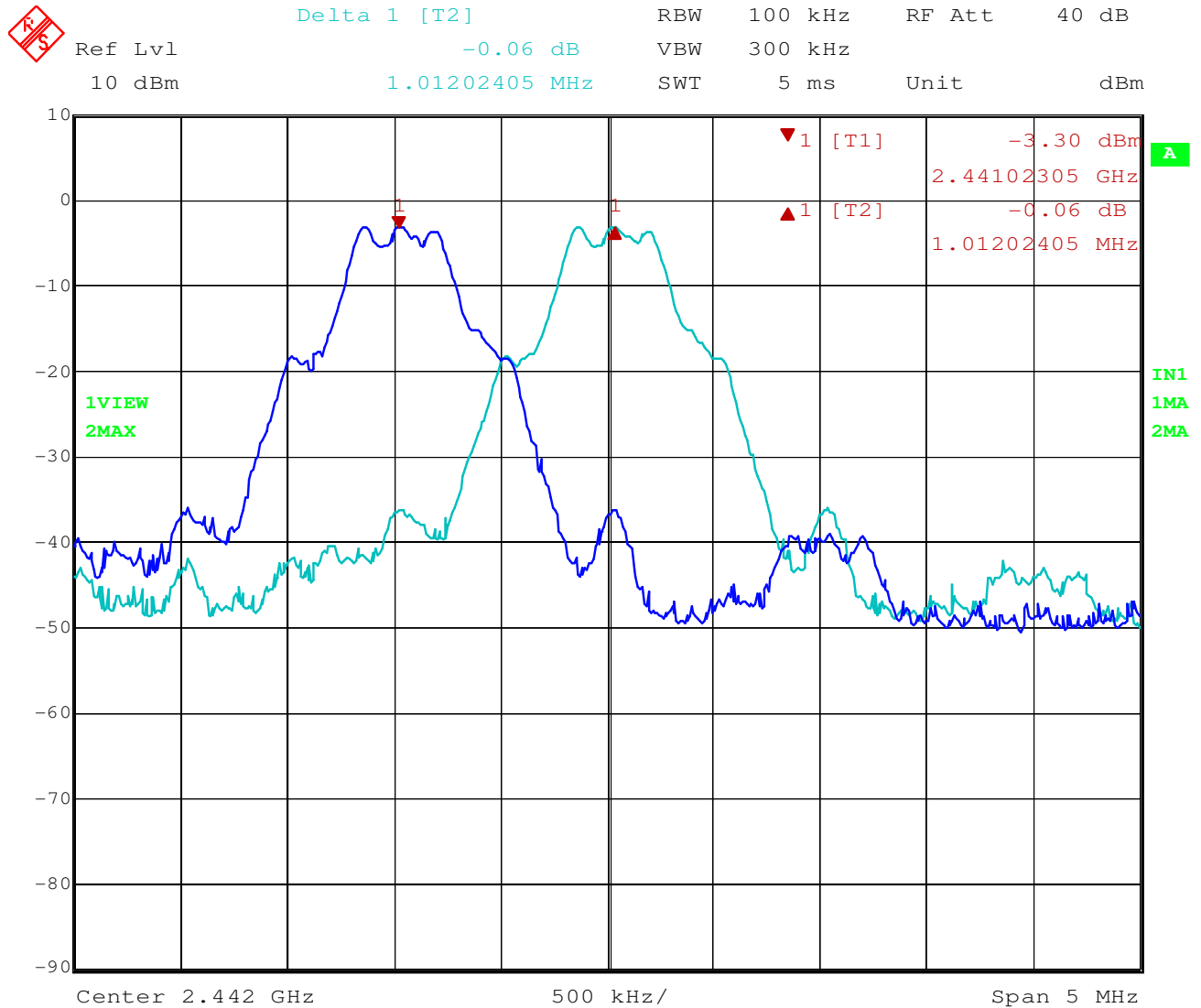


Date: 24.JAN.2008 14:44:06



FCC ID: RUNMCIMX31PDK

Channel separation between channel 39 and channel 40

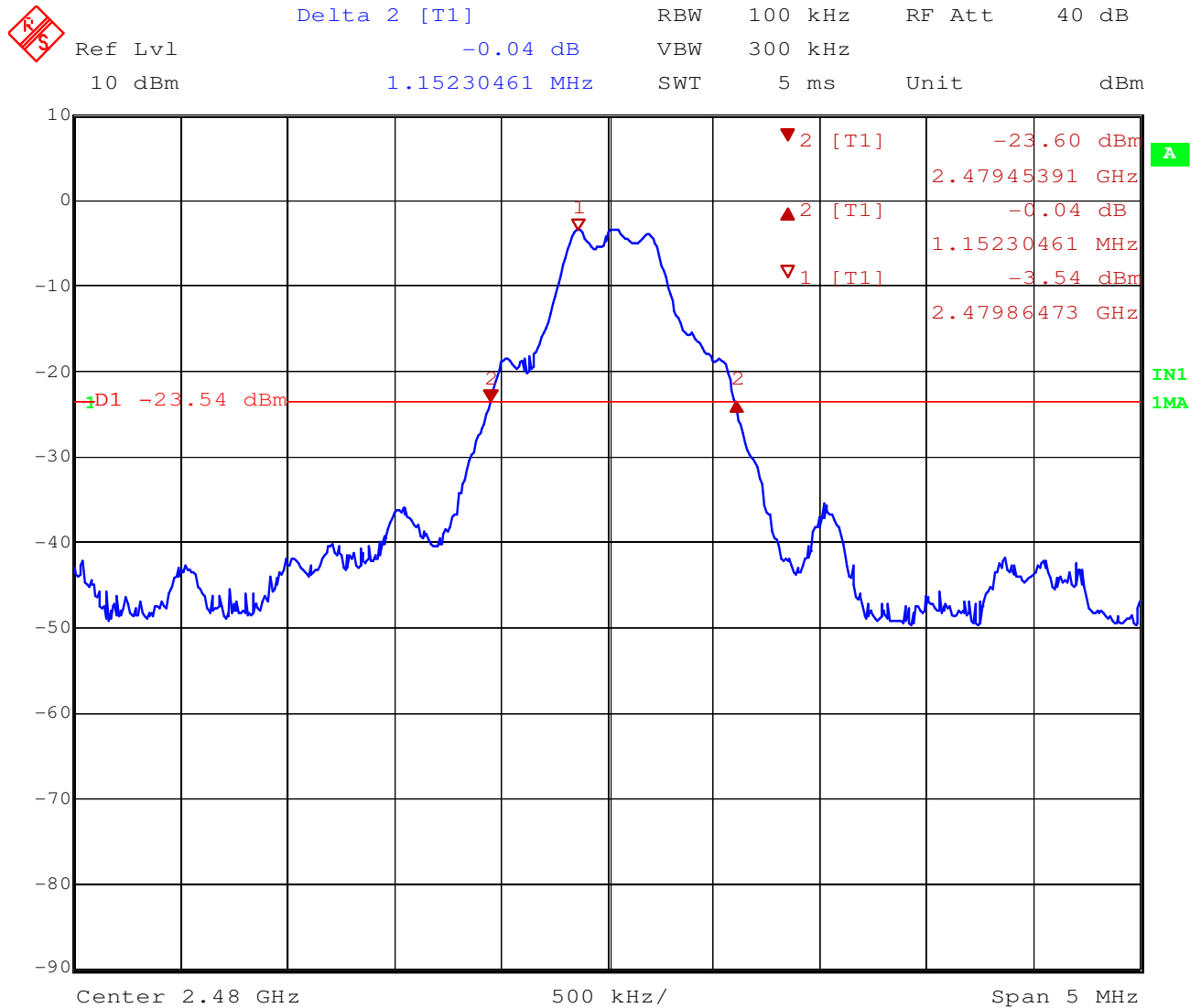


Date: 24.JAN.2008 14:45:35



FCC ID: RUNMCIMX31PDK

20 dB bandwidth of channel 78

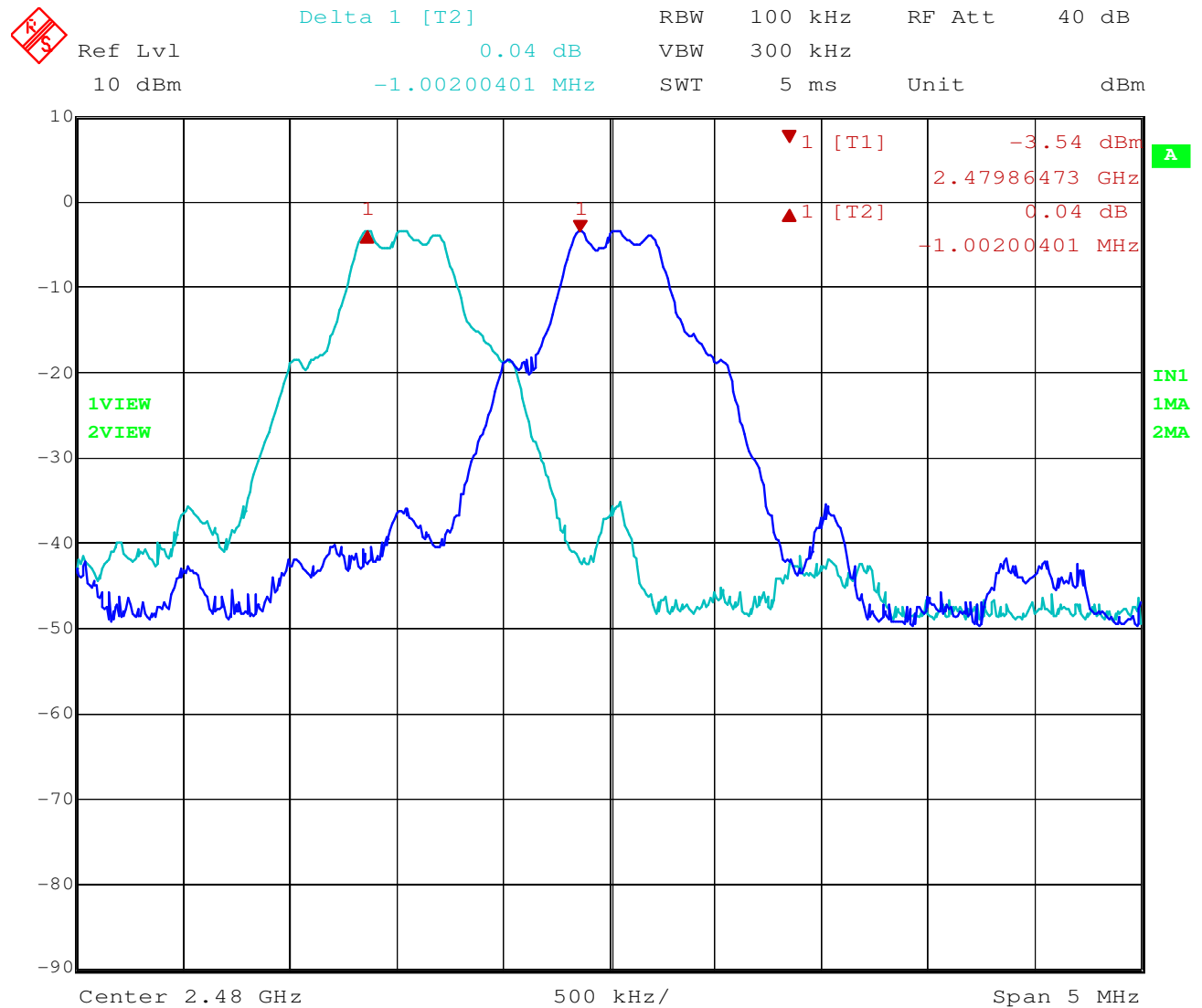


Date: 24.JAN.2008 14:47:50



FCC ID: RUNMCIMX31PDK

Channel separation between channel 77 and channel 78

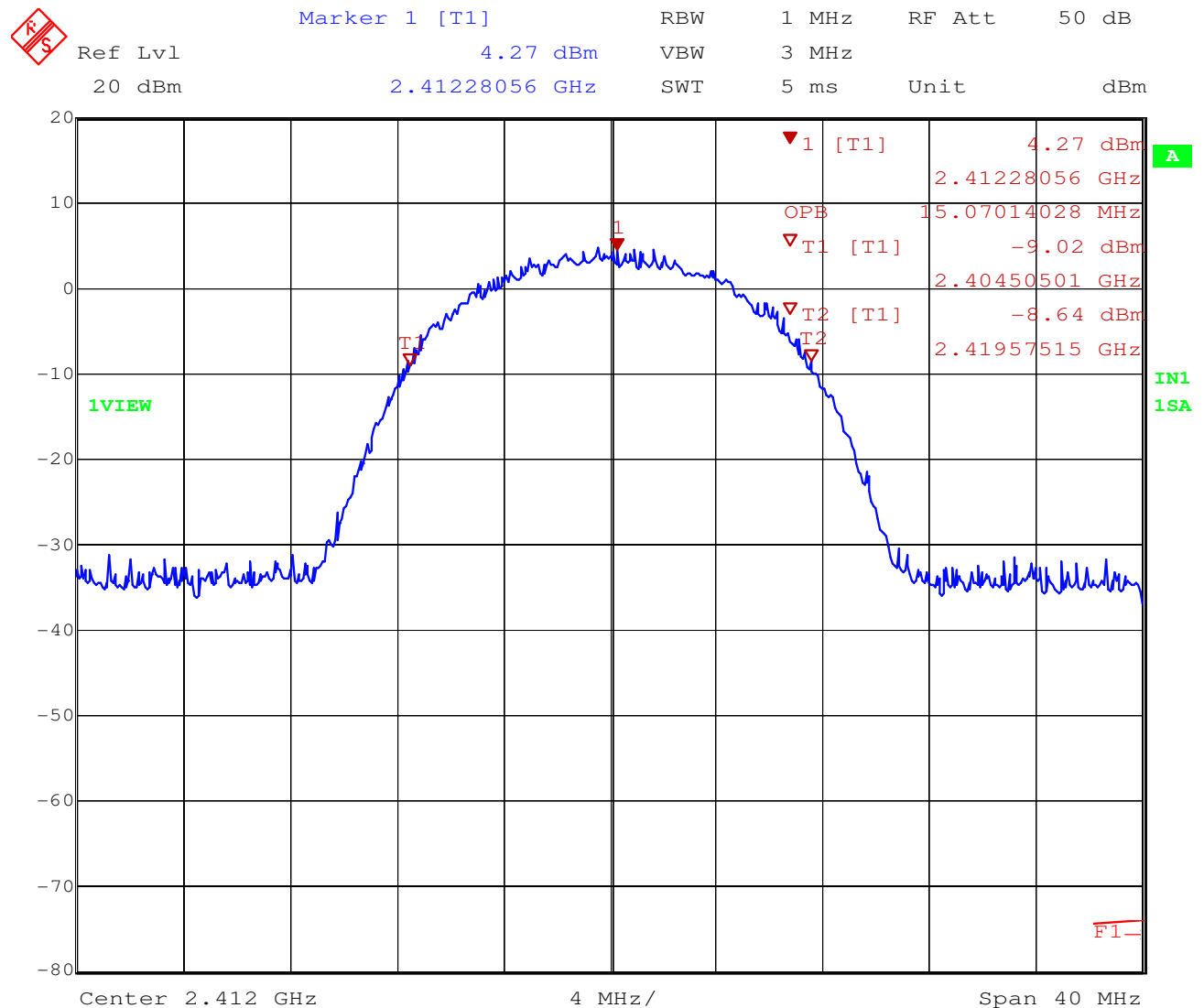


Date: 24.JAN.2008 14:50:19

10. Occupied Bandwidth

802.11b

Channel 1



Date: 2.MAR.2008 18:02:04

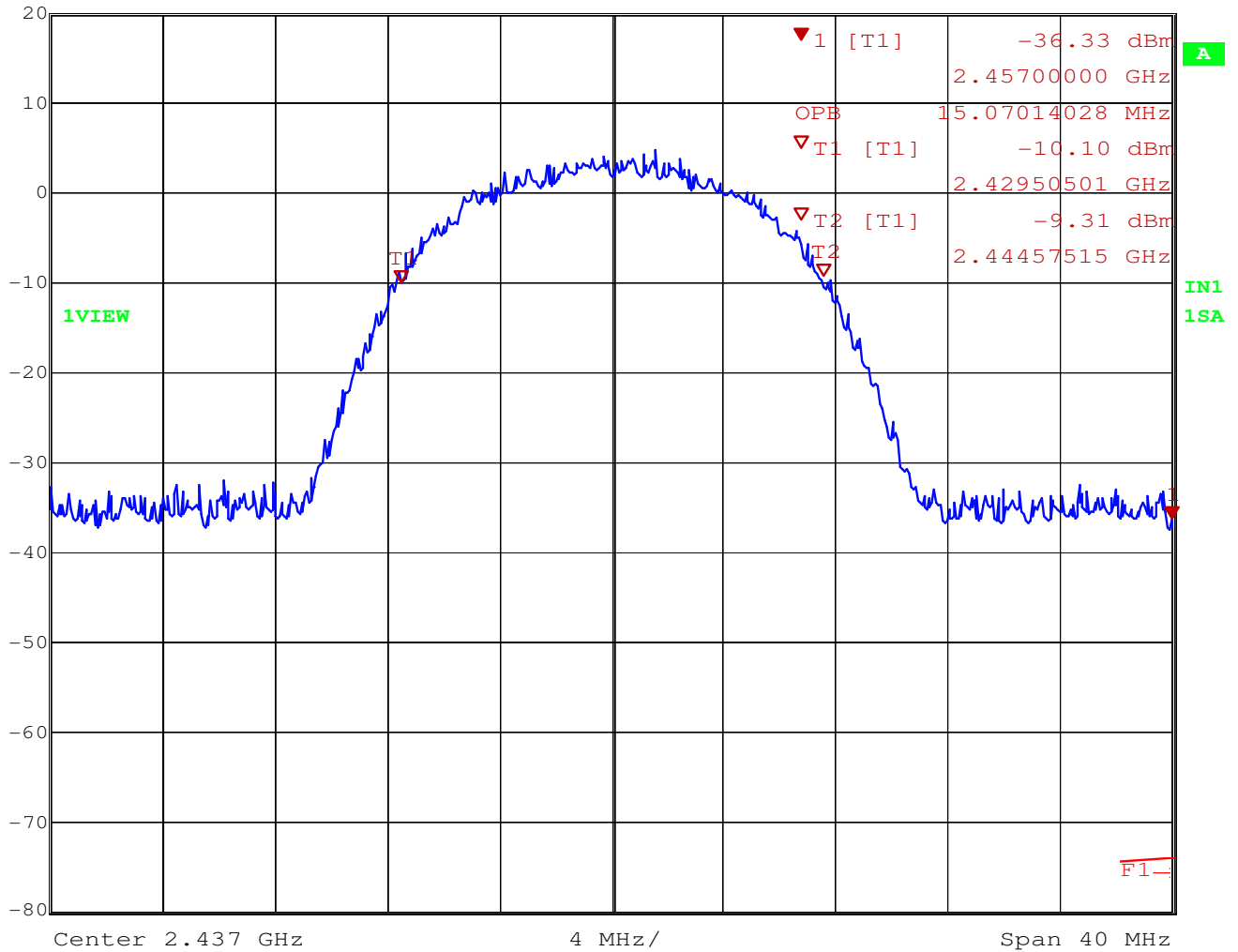


FCC ID: RUNMCIMX31PDK

Channel 6



Marker 1 [T1] RBW 1 MHz RF Att 50 dB
Ref Lvl -36.33 dBm VBW 3 MHz
20 dBm 2.4570000 GHz SWT 5 ms Unit dBm



Date: 2.MAR.2008 17:59:55

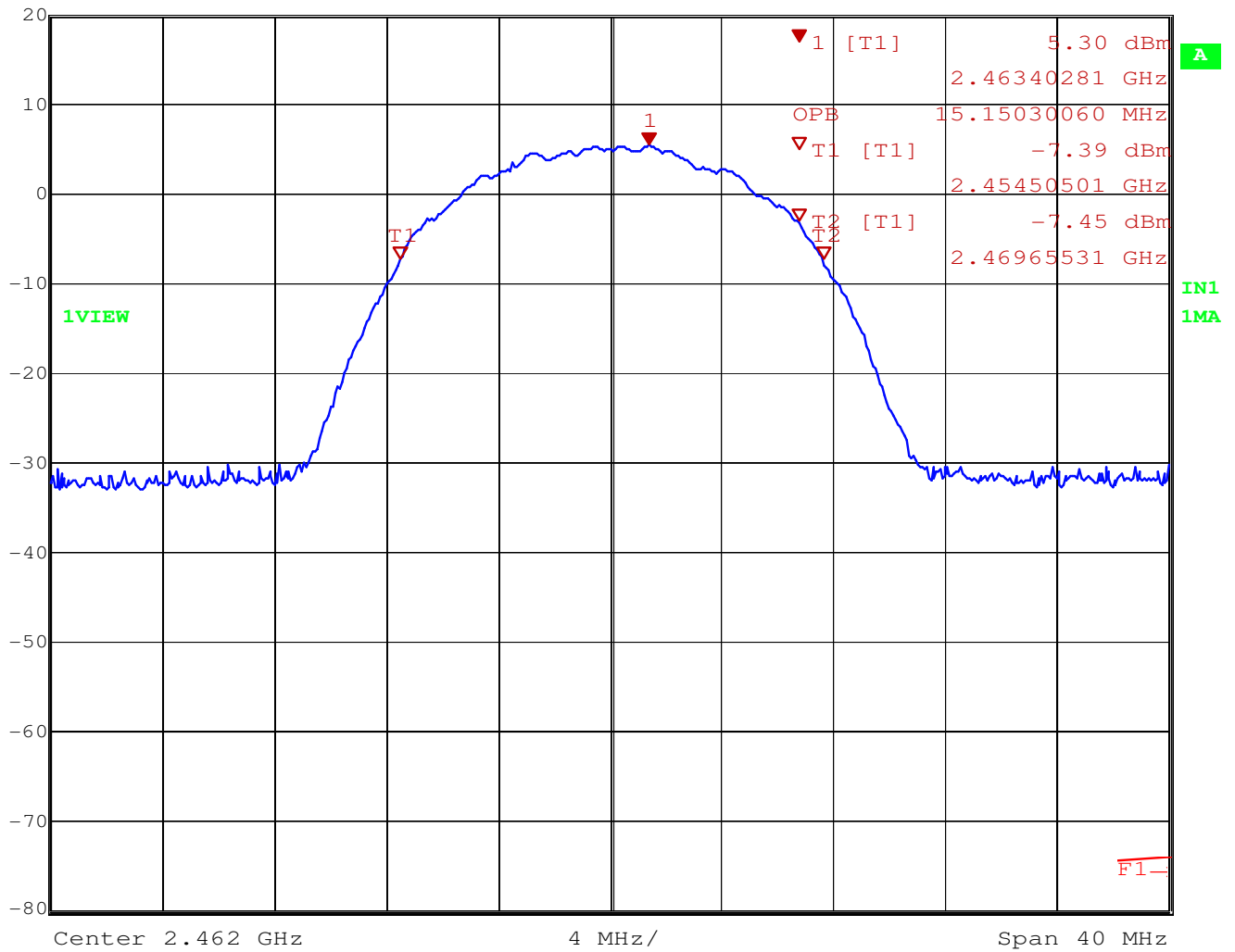


FCC ID: RUNMCIMX31PDK

Channel 11



Marker 1 [T1] RBW 1 MHz RF Att 50 dB
Ref Lvl 5.30 dBm VBW 3 MHz
20 dBm 2.46340281 GHz SWT 5 ms Unit dBm



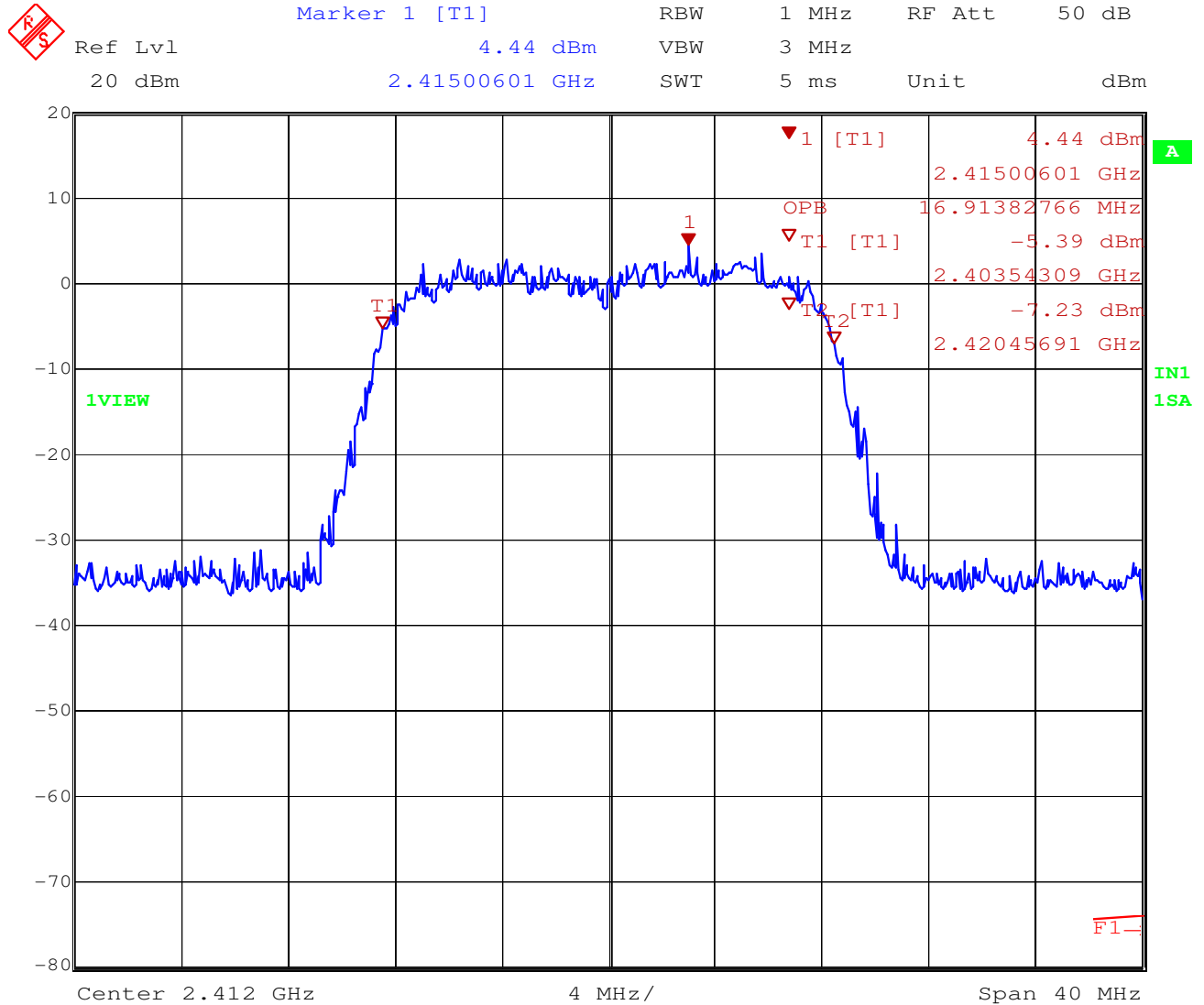
Date: 2.MAR.2008 17:42:15



FCC ID: RUNMCIMX31PDK

802.11g

Channel 1



Date: 2.MAR.2008 18:06:31

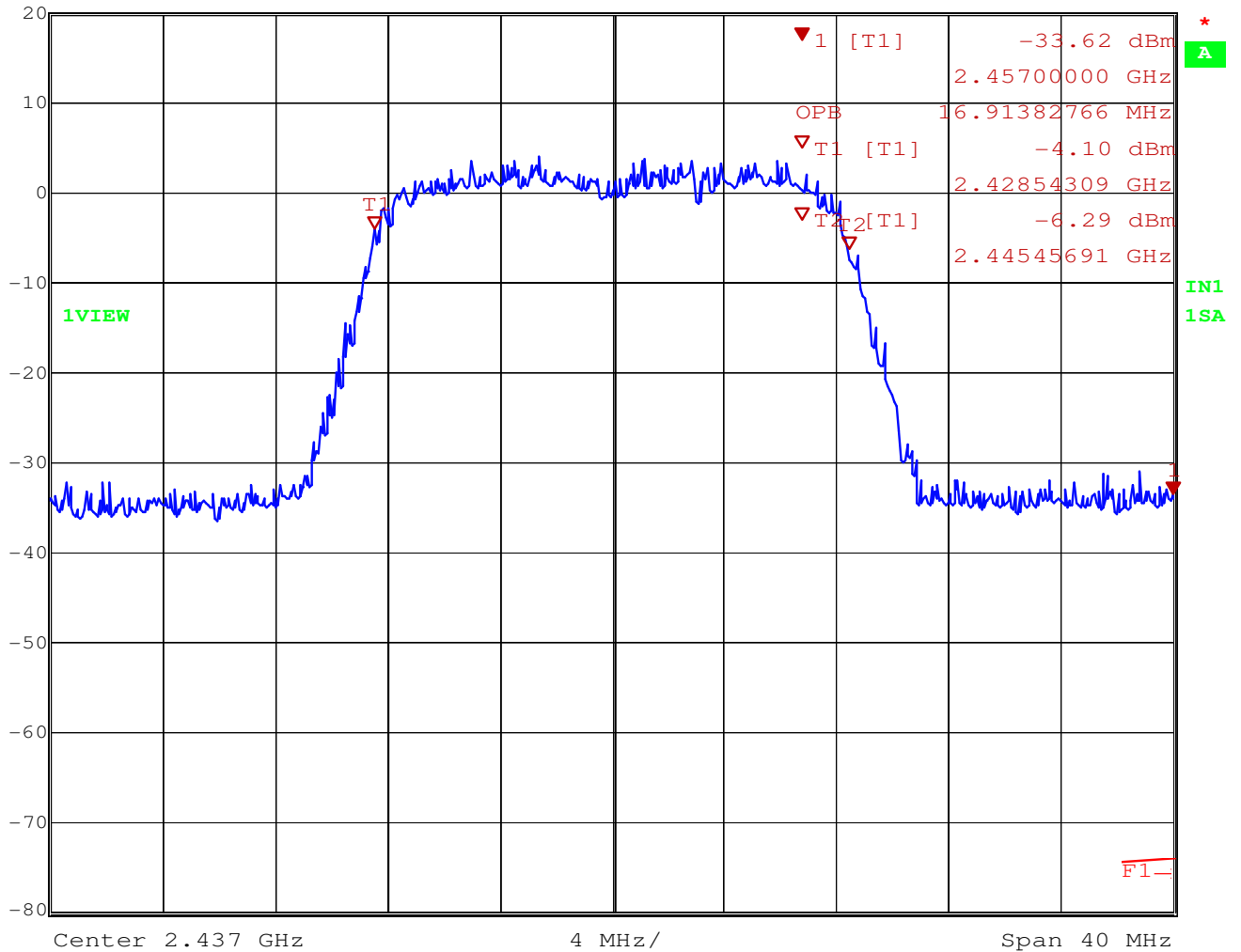


FCC ID: RUNMCIMX31PDK

Channel 6



Marker 1 [T1] RBW 1 MHz RF Att 50 dB
Ref Lvl -33.62 dBm VBW 3 MHz
20 dBm 2.45700000 GHz SWT 5 ms Unit dBm

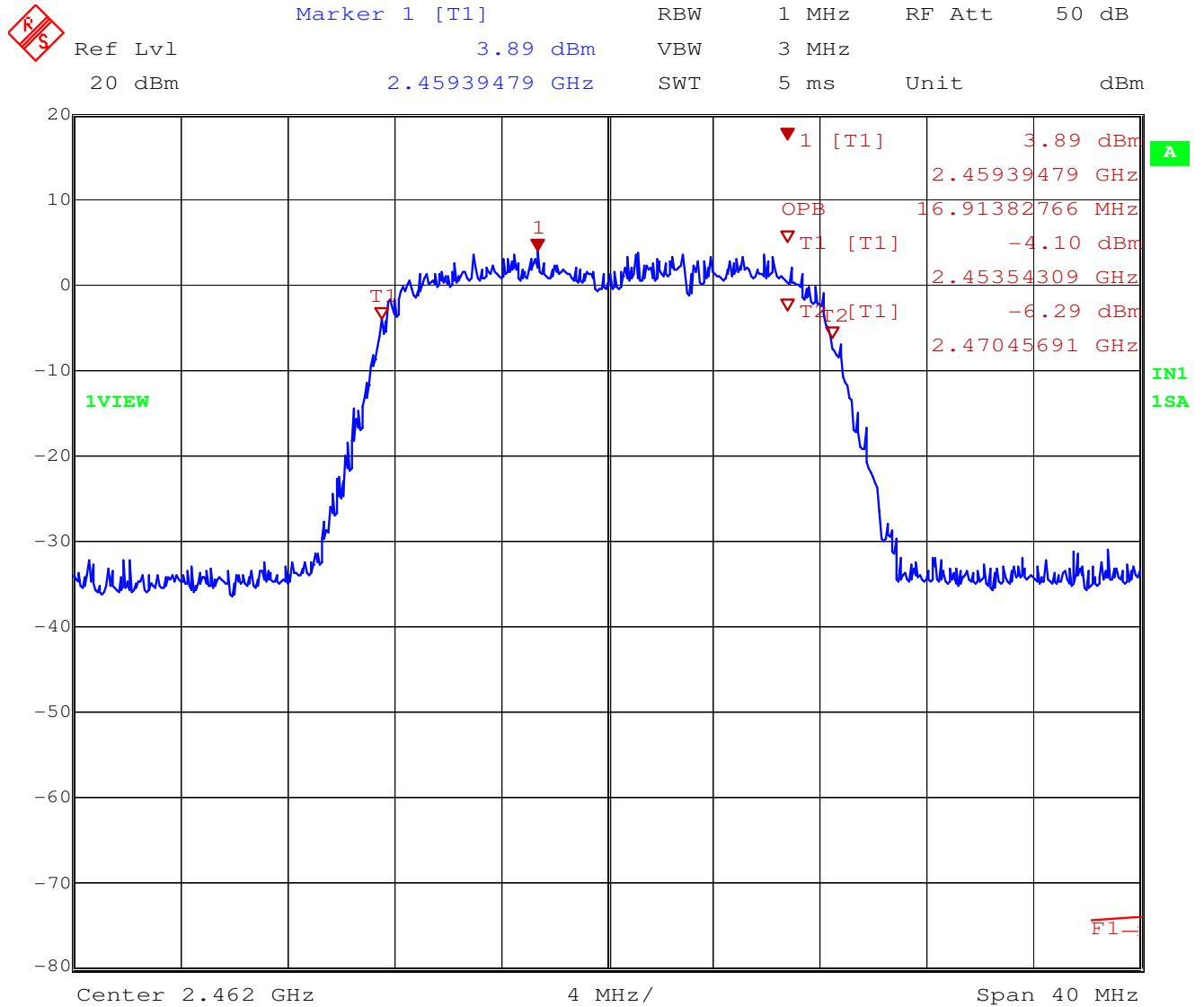


Date: 2.MAR.2008 17:57:40



FCC ID: RUNMCIMX31PDK

Channel 11



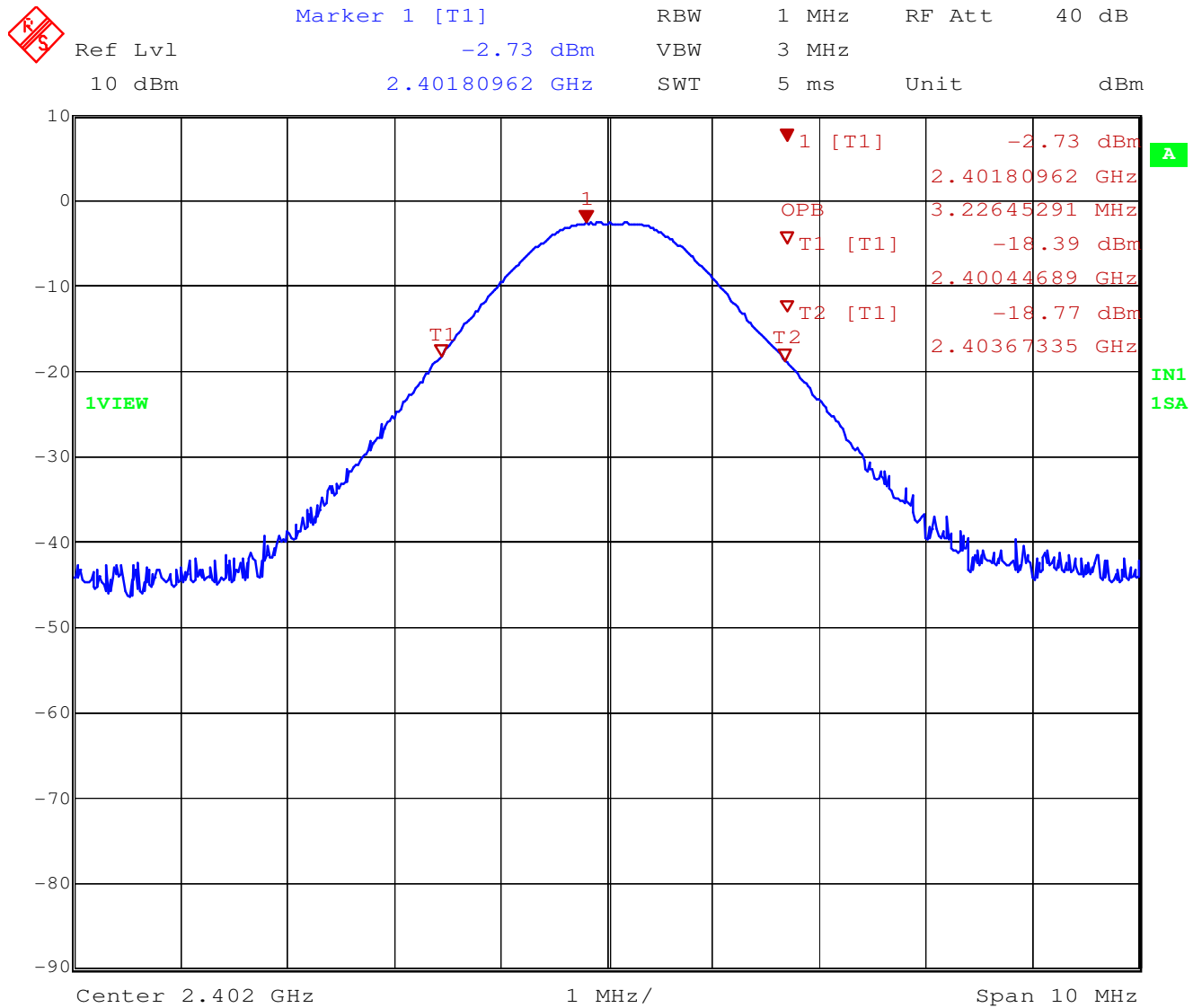
Date: 2.MAR.2008 17:54:26



FCC ID: RUNMCIMX31PDK

Bluetooth

Channel 0



Date: 24.JAN.2008 15:11:21

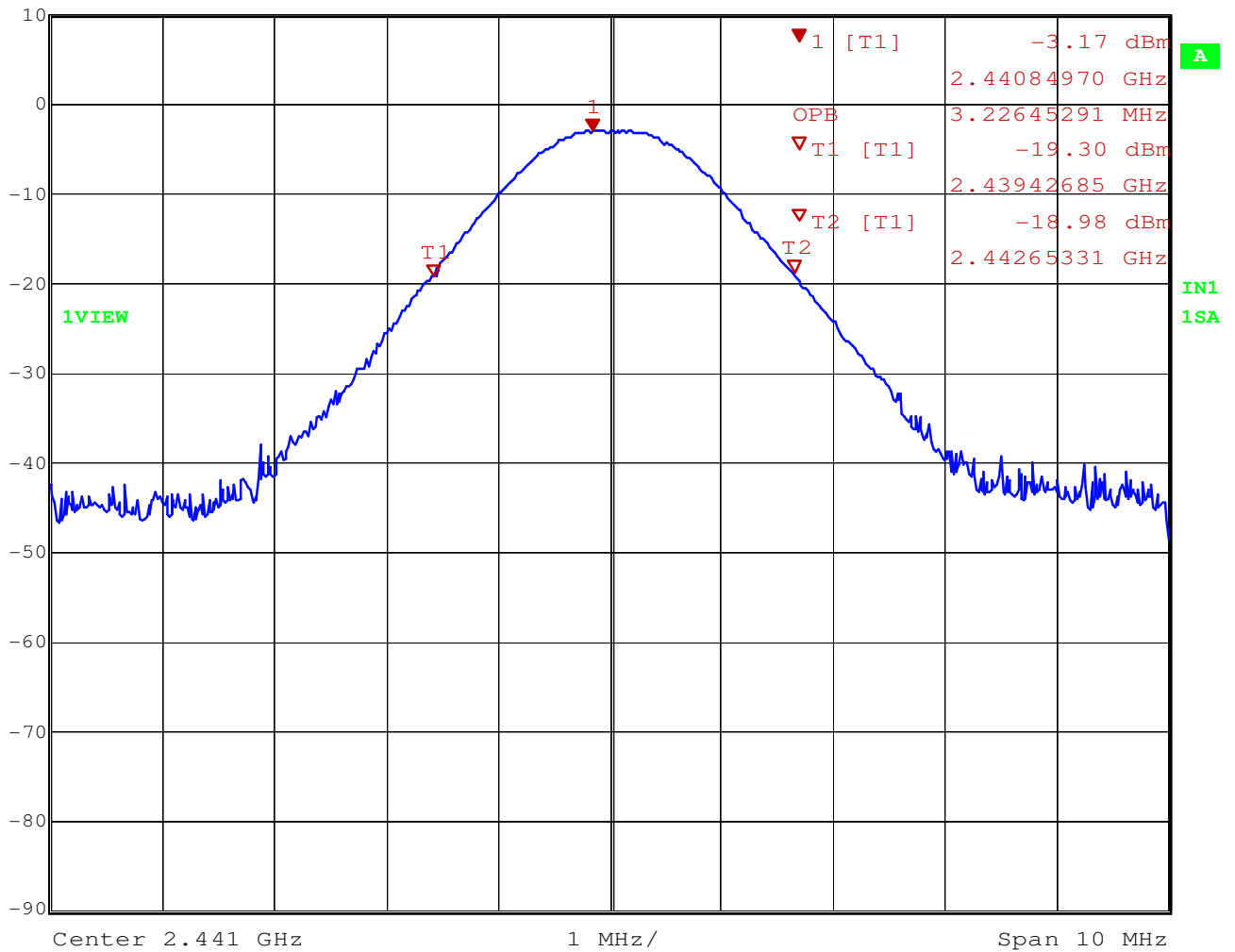


FCC ID: RUNMCIMX31PDK

Channel 39



Ref Lvl 10 dBm
Marker 1 [T1] -3.17 dBm
2.44084970 GHz
RBW 1 MHz
VBW 3 MHz
SWT 5 ms
RF Att 40 dB
Unit dBm

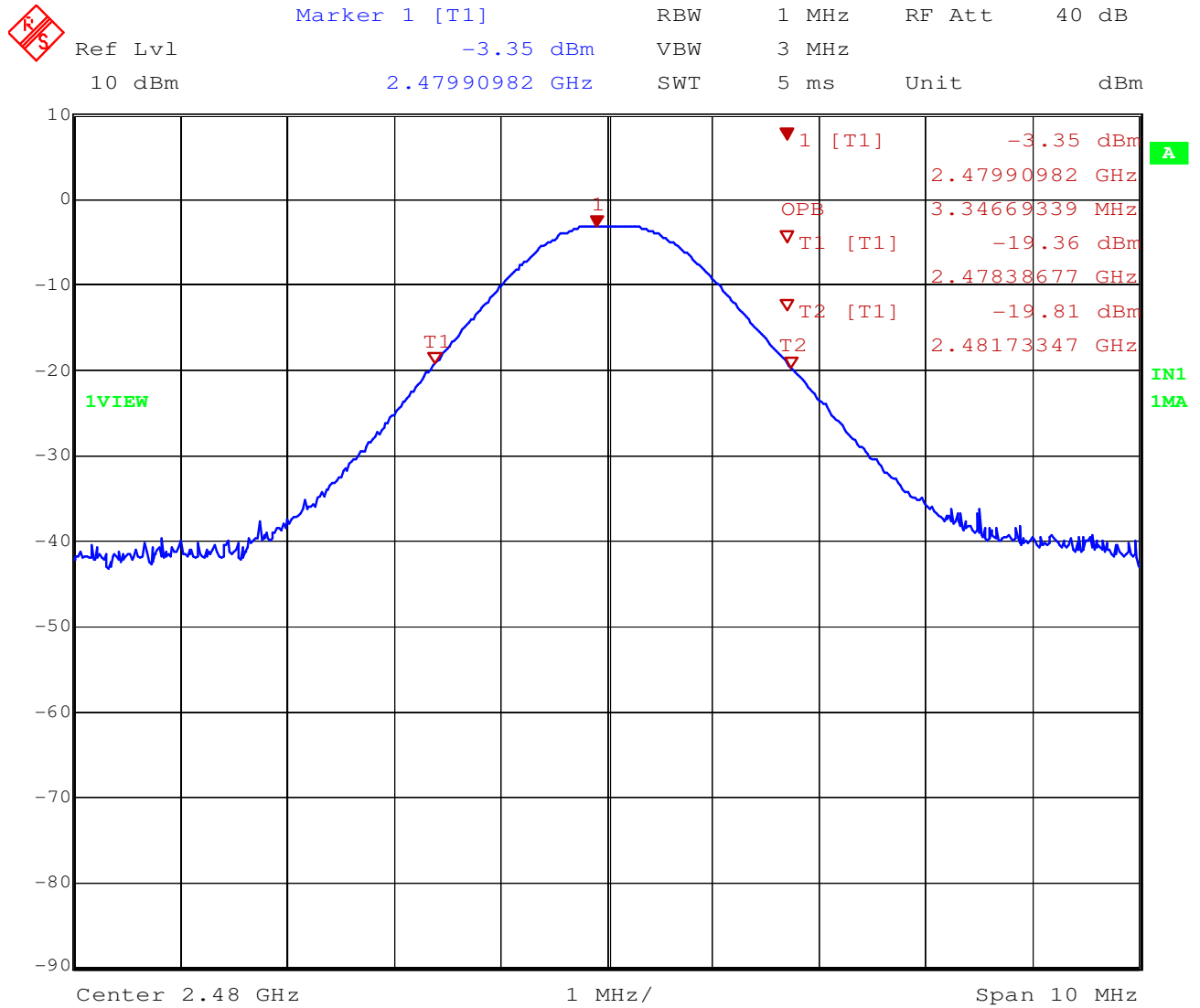


Date: 24.JAN.2008 15:07:25



FCC ID: RUNMCIMX31PDK

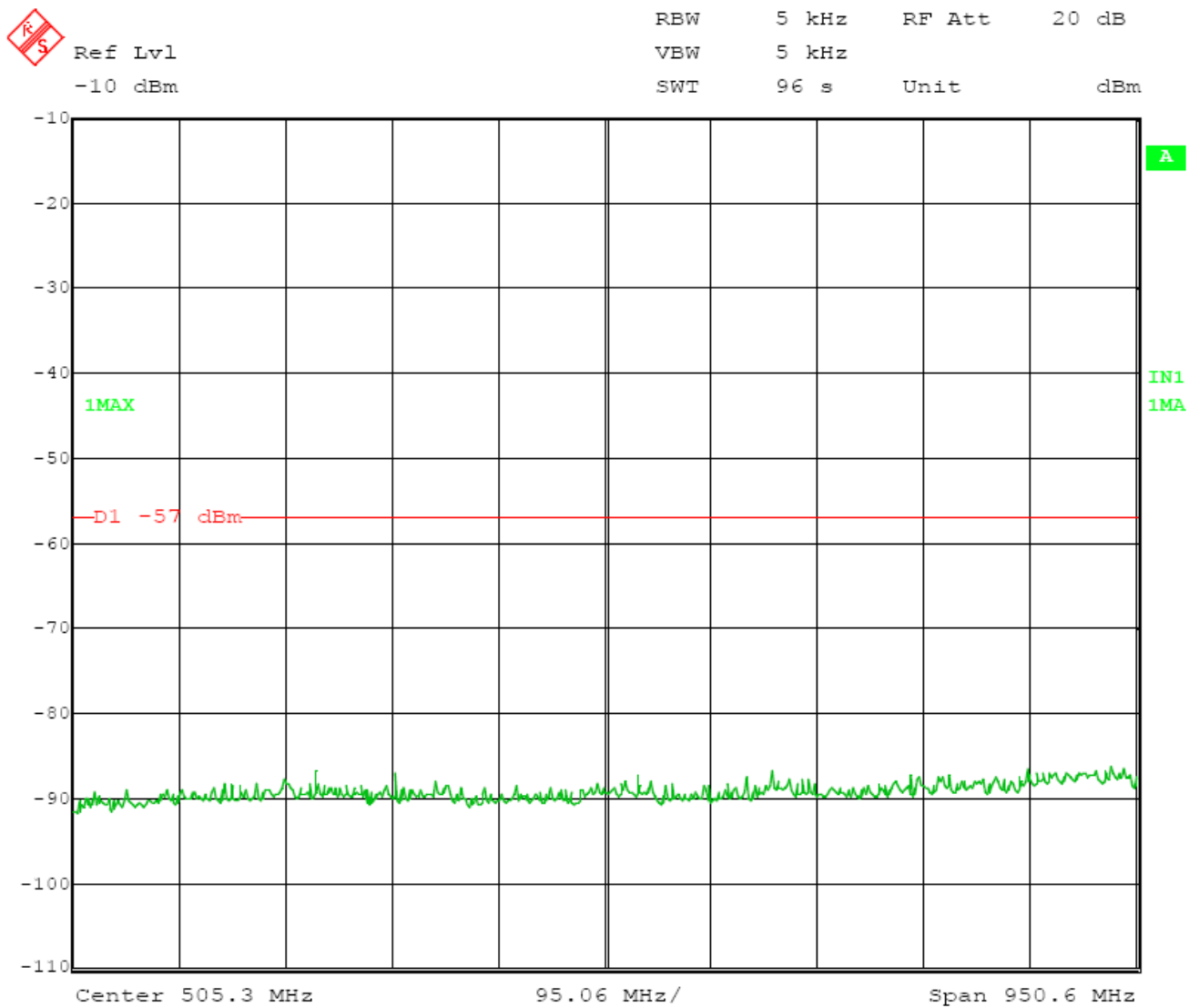
Channel 78

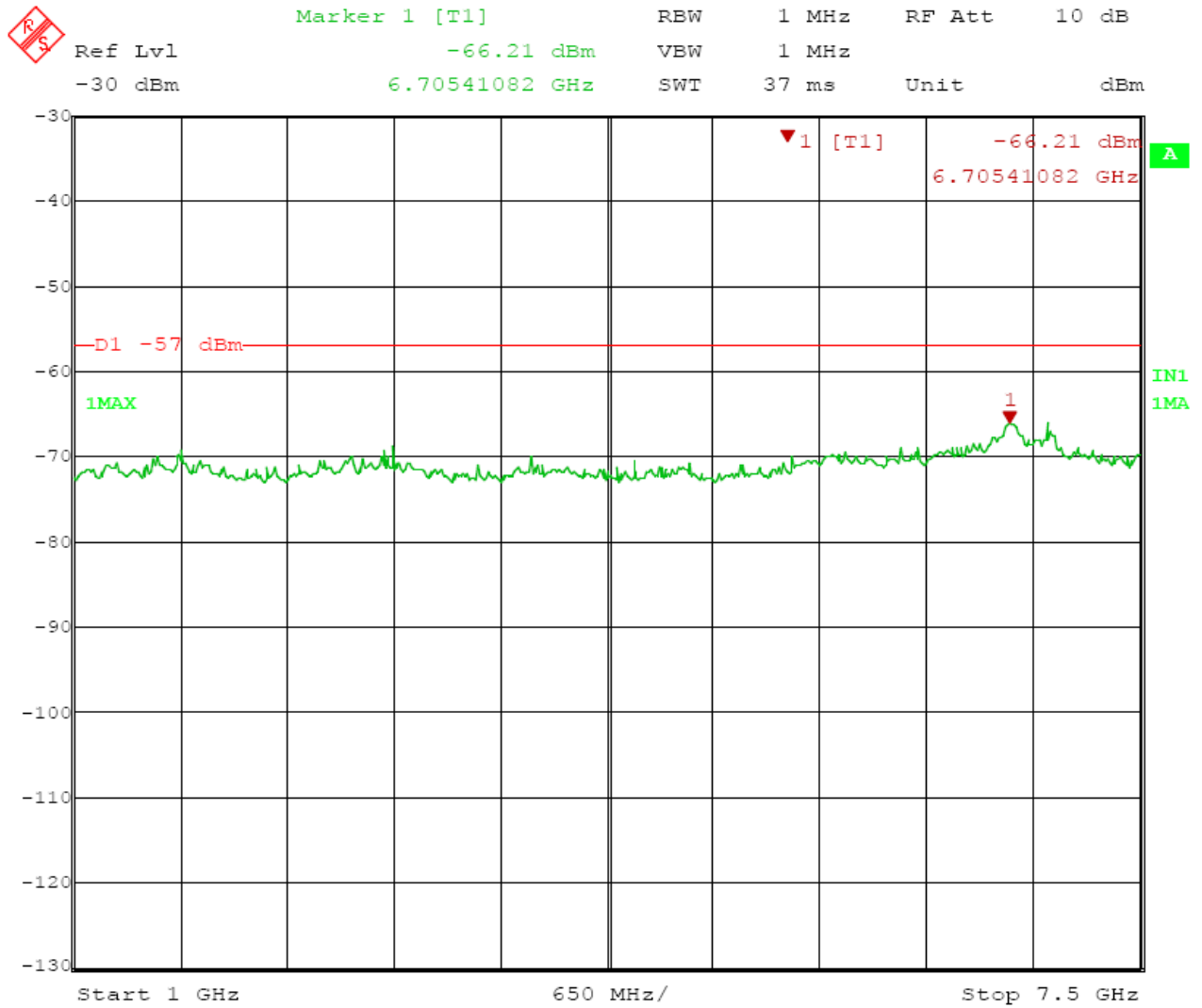


Date: 24.JAN.2008 14:54:47

11. Receiver spurious emission

802.11b/g





Bluetooth

