GRAPHICAL SECTION
FOR RFI TEST REPORT SERIAL NO:
RFI/EMCB2/RP43844JD02A

Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)

To: F.C.C. Part 15 Subpart C: 2000
(Intentional Radiators)
Section 15.247

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UKAS TESTING
0644

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Graphical Test Results

This appendix contains the following graphs:

Graph Reference:	Graph Title:
GPH\43294\001	Conducted Emissions – BAP950AP with PSE15-312-AECNC - Bottom Channel
GPH\43294\002	Conducted Emissions – BAP950AP with PSE15-312-AECNC - Middle Channel
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GPH\43294\005	Conducted Emissions – BAP950AP with PSE15-312-AECNC – Receive Model
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GPH\43844JD02\POW002	Peak Output Power – Bottom Channel (110.0V Power supply)
GPH\43844JD02\POW003	Peak Output Power – Bottom Channel (126.5V Power supply)
GPH\43844JD02\POW004	Peak Output Power – Middle Channel (93.5V Power supply)
GPH\43844JD02\POW005	Peak Output Power – Middle Channel (110.0V Power supply)
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GPH\43844JD02\POW007	Peak Output Power – Top Channel (93.5V Power supply)
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GPH\43844JD02\002	Number of Hopping Frequencies – Hopping all channels
GPH\43844JD02\003	Time of Occupancy (Dwell Time) – Hopping all channels
GPH\43844JD02\004	Time of Occupancy (Dwell Time) – Hopping all channels
GPH\43844JD02\005	20 dB Bandwidth – Hopping all channels
GPH\43844JD02\009	Band Edge Compliance – Top Channel
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GPH\43844JD02\012	Spurious RF Conducted Emissions – Bottom Channel
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GPH\43844JD02\016	Spurious RF Conducted Emissions – Middle Channel
GPH\43844JD02\017	Spurious RF Conducted Emissions – Middle Channel

Graphical Test Results (Continued)

Graph Reference:	Graph Title:
GPH\43844JD02\018	Spurious RF Conducted Emissions – Middle Channel
GPH\43844JD02\019	Spurious RF Conducted Emissions – Middle Channel
GPH\43844JD02\020	Spurious RF Conducted Emissions – Top Channel
GPH\43844JD02\021	Spurious RF Conducted Emissions – Top Channel
GPH\43844JD02\022	Spurious RF Conducted Emissions – Top Channel
GPH\43844JD02\023	Spurious RF Conducted Emissions – Top Channel
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GPH\43844\002	Radiated Emissions – Middle Channel (4.0 GHz to 5.0 GHz)
GPH\43844\003	Radiated Emissions – Top Channel (4.0 GHz to 5.0 GHz)
GPH\43844\004	Radiated Emissions – Hopping Mode (4.0 GHz to 5.0 GHz)
GPH\43844\005	Radiated Emissions – Receive Mode (4.0 GHz to 5.0 GHz)
GPH\43844\006	Radiated Emissions – Receive Mode (5.0 GHz to 6.0 GHz)
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GPH\43844\016	Radiated Emissions – Receive Mode (8.0 GHz to 12.5 GHz)
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GPH\43844\021	Radiated Emissions – Bottom Channel (18.1 GHz to 26.5 GHz)
GPH\43844\022	Radiated Emissions – Bottom Channel (18.1 GHz to 26.5 GHz)
GPH\43844\023	Radiated Emissions – Middle Channel (18.1 GHz to 26.5 GHz)
GPH\43844\024	Radiated Emissions – Top Channel (18.1 GHz to 26.5 GHz)
GPH\43844\025	Radiated Emissions – Hopping Mode (18.1 GHz to 26.5 GHz)
GPH\43844\026	Radiated Emissions – Hopping Mode (12.513 GHz to 18.1 GHz)
GPH\43844\027	Radiated Emissions – Bottom Channel (12.513 GHz to 18.1 GHz)

Graphical Test Results (Continued)

Graph Reference:	Graph Title:
GPH\43844\028	Radiated Emissions – Middle Channel (12.513 GHz to 18.1 GHz)
GPH\43844\029	Radiated Emissions – Top Channel (12.513 GHz to 18.1 GHz)
GPH\43844\030	Radiated Emissions – Top Channel (12.513 GHz to 18.1 GHz)
GPH\43844\031	Radiated Emissions – Top Channel (12.513 GHz to 18.1 GHz)
GPH\43844\032	Radiated Emissions – Receive Mode (12.513 GHz to 18.1 GHz)
GPH\43844\033	Radiated Emissions – Receive Mode (12.513 GHz to 18.1 GHz)
GPH\43844\034	Radiated Emissions – Receive Mode (18.1 GHz to 26.5 GHz)
GPH\43844\035	Radiated Emissions – Receive Mode (2.387 GHz to 2.489 GHz) Band Edge Lower Channel
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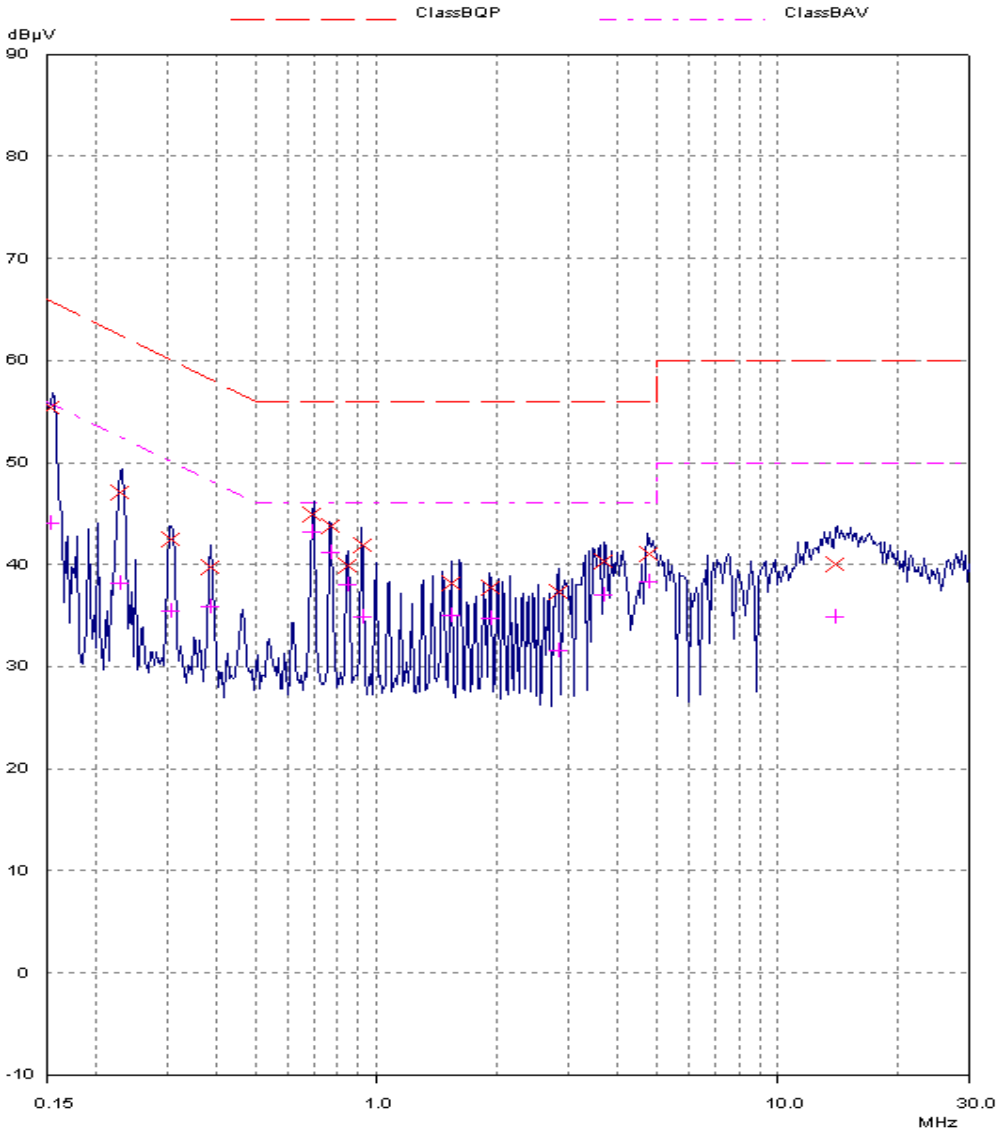
GPH\43844\038	Radiated Emissions - Bottom Channel (30.0 MHz to 200.0 MHz)
GPH\43844\039	Radiated Emissions - Bottom Channel (1.0 GHz to 2.0 GHz)
GPH\43844\040	Radiated Emissions - Middle Channel (1.0 GHz to 2.0 GHz)
GPH\43844\041	Radiated Emissions - Top Channel (1.0 GHz to 2.0 GHz)
GPH\43844\042	Radiated Emissions - Hopping Mode (1.0 GHz to 2.0 GHz)
GPH\43844\043	Radiated Emissions - Receive Mode (1.0 GHz to 2.0 GHz)
GPH\43844\044	Radiated Emissions - Receive Mode (2.0 GHz to 4.0 GHz)
GPH\43844\045	Radiated Emissions - Top Channel (2.0 GHz to 4.0 GHz)
GPH\43844\046	Radiated Emissions – Middle Channel (2.0 GHz to 4.0 GHz)
GPH\43844\047	Radiated Emissions – Bottom Channel (2.0 GHz to 4.0 GHz)
GPH\43844\048	Radiated Emissions – Hopping Mode (2.0 GHz to 4.0 GHz)
GPH\43844\049	Radiated Emissions – PreScan @ 3m (30.0 MHz to 1.0 GHz)
GPH\43844\050	Radiated Emissions – Bottom Channel PreScan @ 3m (30.0 MHz to 1.0 GHz)
GPH\43844\051	Radiated Emissions – Middle Channel PreScan @ 3m (30.0 MHz to 1.0 GHz)
GPH\43844\052	Radiated Emissions – Top Channel PreScan @ 3m (30.0 MHz to 1.0 GHz)
GPH\43844\053	Radiated Emissions – Hopping Mode PreScan @ 3m (30.0 MHz to 1.0 GHz)
GPH\43844\054	Radiated Emissions – Receive Mode PreScan @ 3m (30.0 MHz to 1.0 GHz)

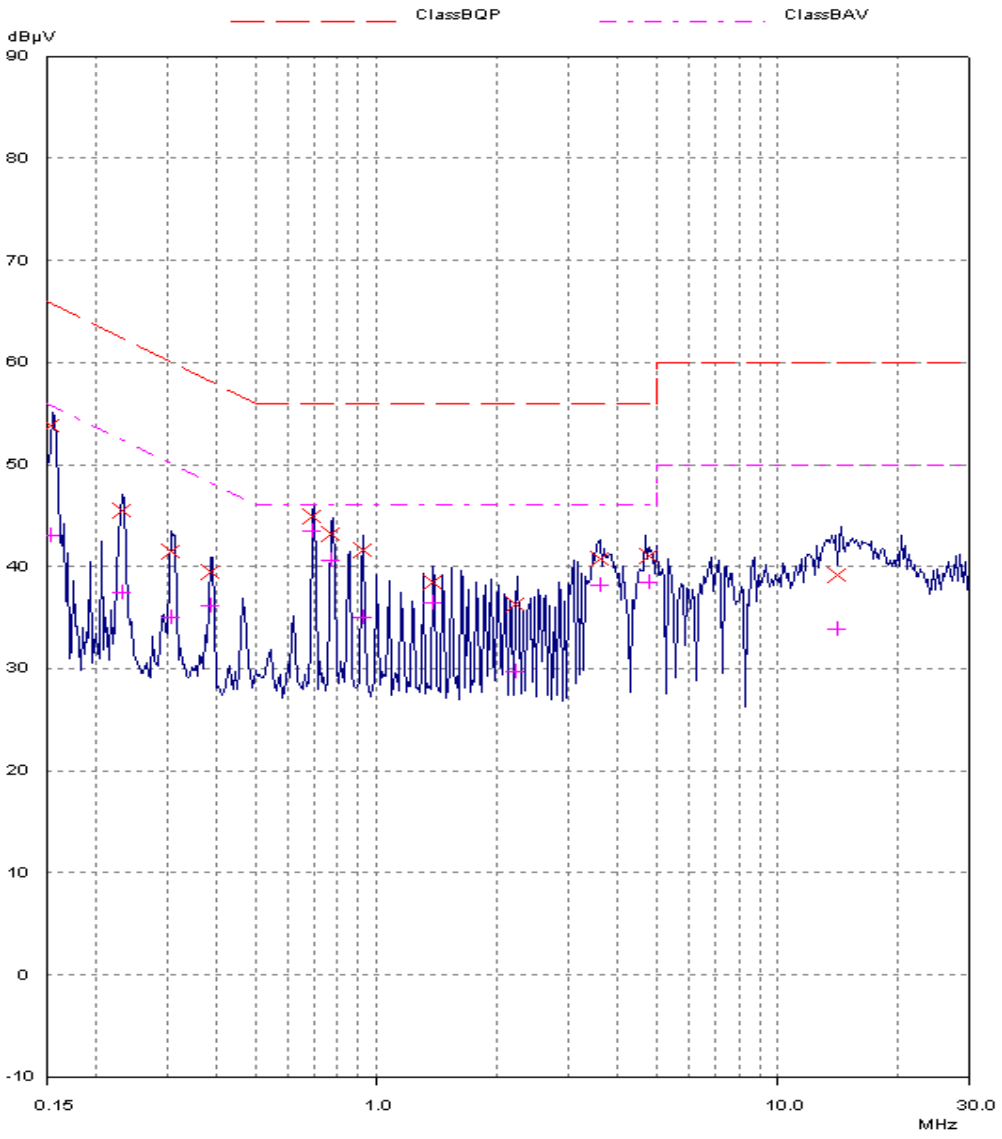
Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)
To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

GPH\43294\001
Conducted Emissions – BAP950AP with PSE15-312-AECNC - Bottom Channel



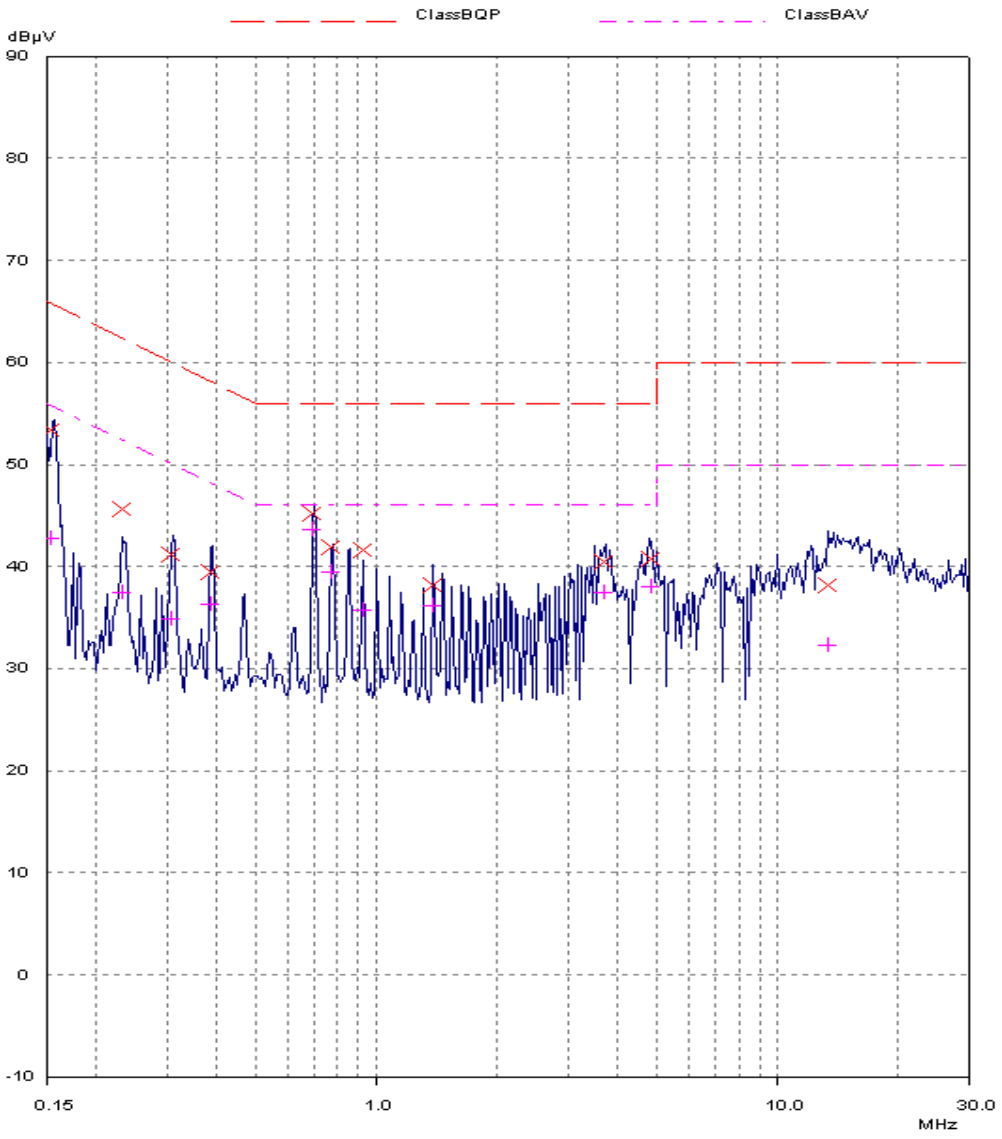
Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)
To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

GPH\43294\002
Conducted Emissions – BAP950AP with PSE15-312-AECNC - Middle Channel



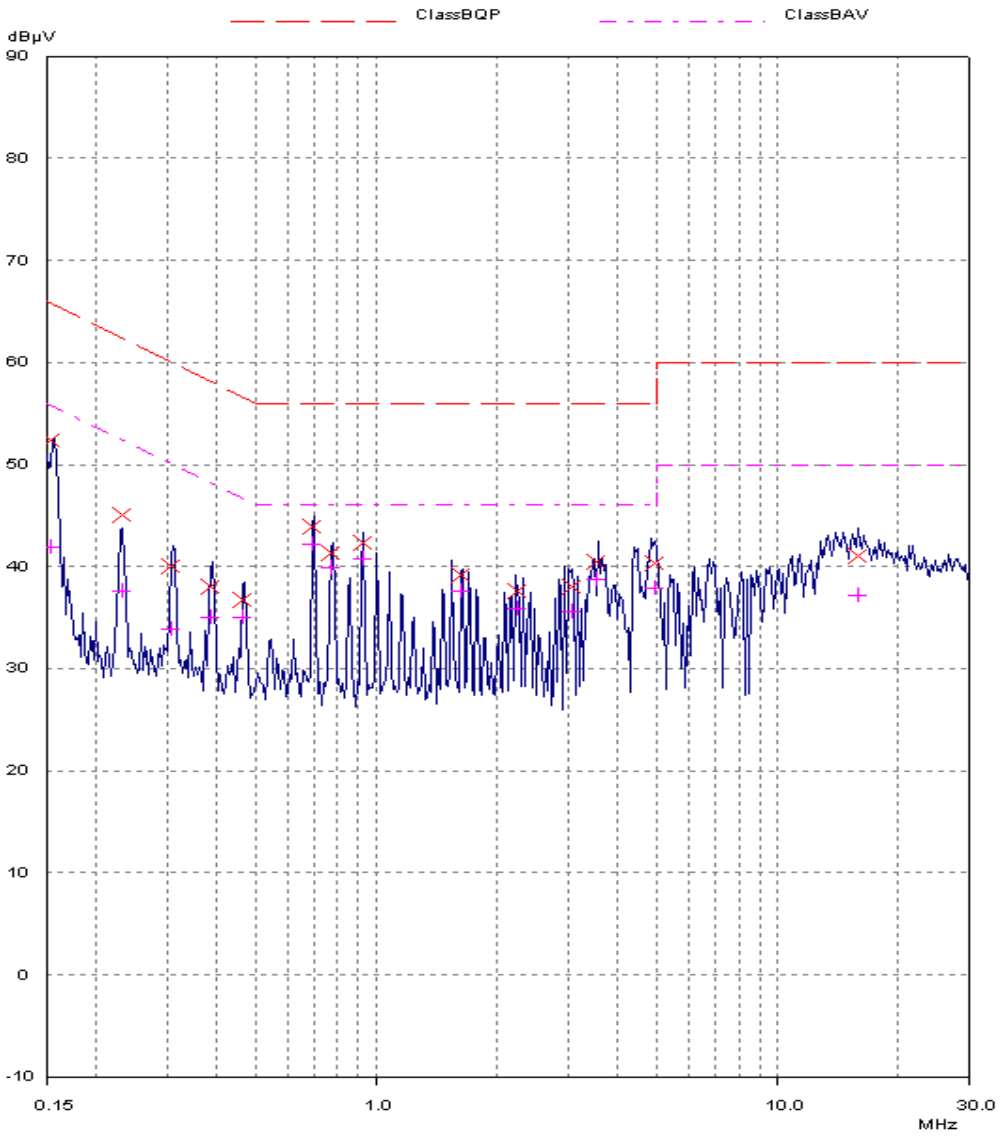
Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)
To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

GPH\43294\003
Conducted Emissions – BAP950AP with PSE15-312-AECNC – Top Channel



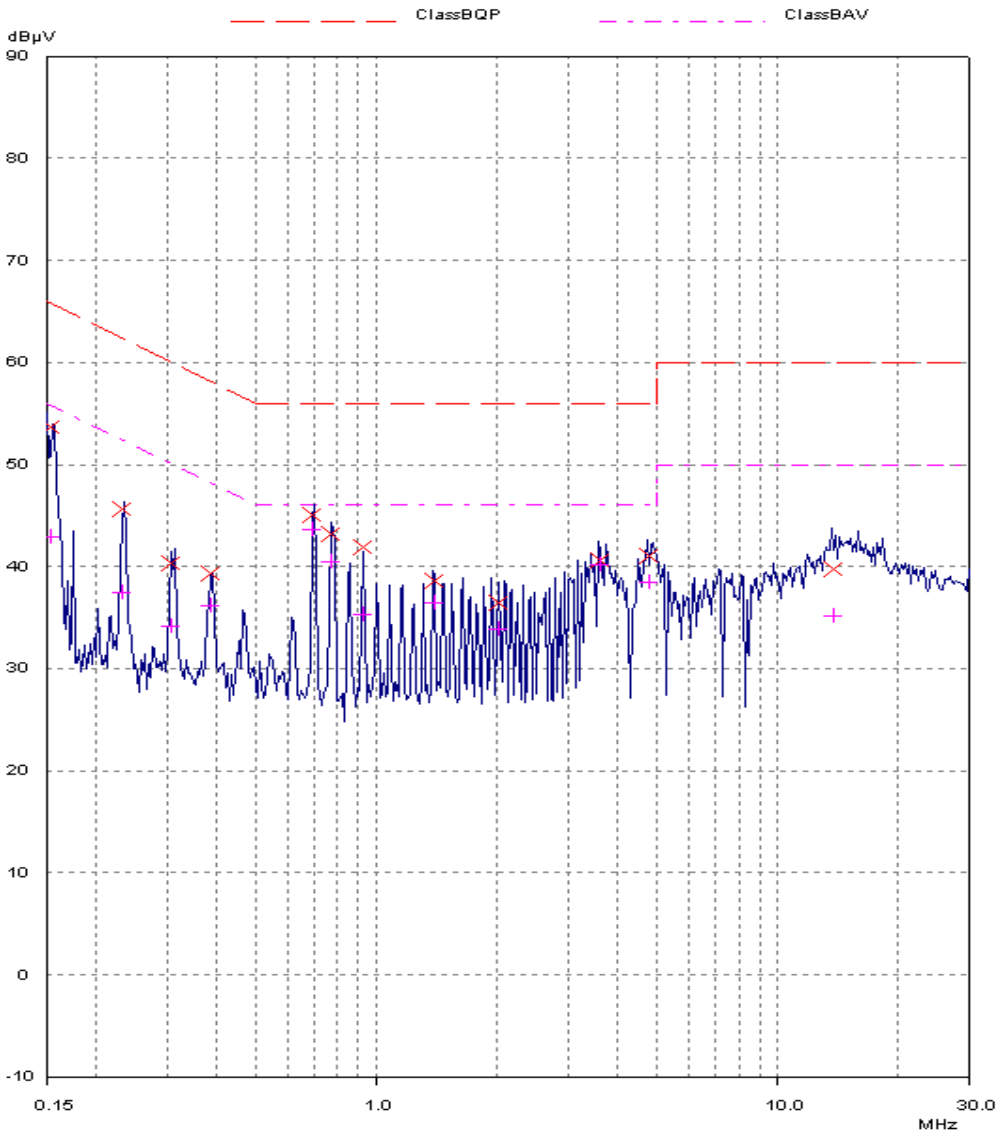
Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)
To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

GPH\43294\004
Conducted Emissions – BAP950AP with PSE15-312-AECNC – Hopping Mode

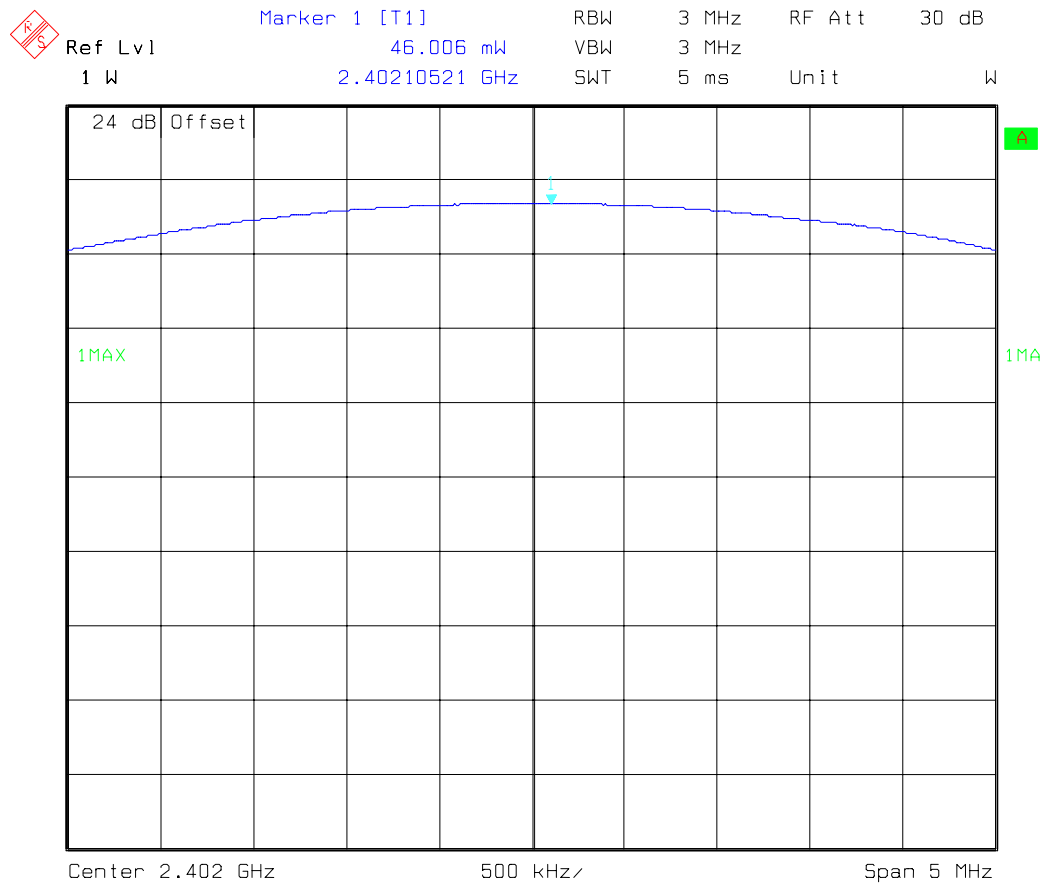


Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)
To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

GPH\43294\005
Conducted Emissions – BAP950AP with PSE15-312-AECNC – Receive Mode



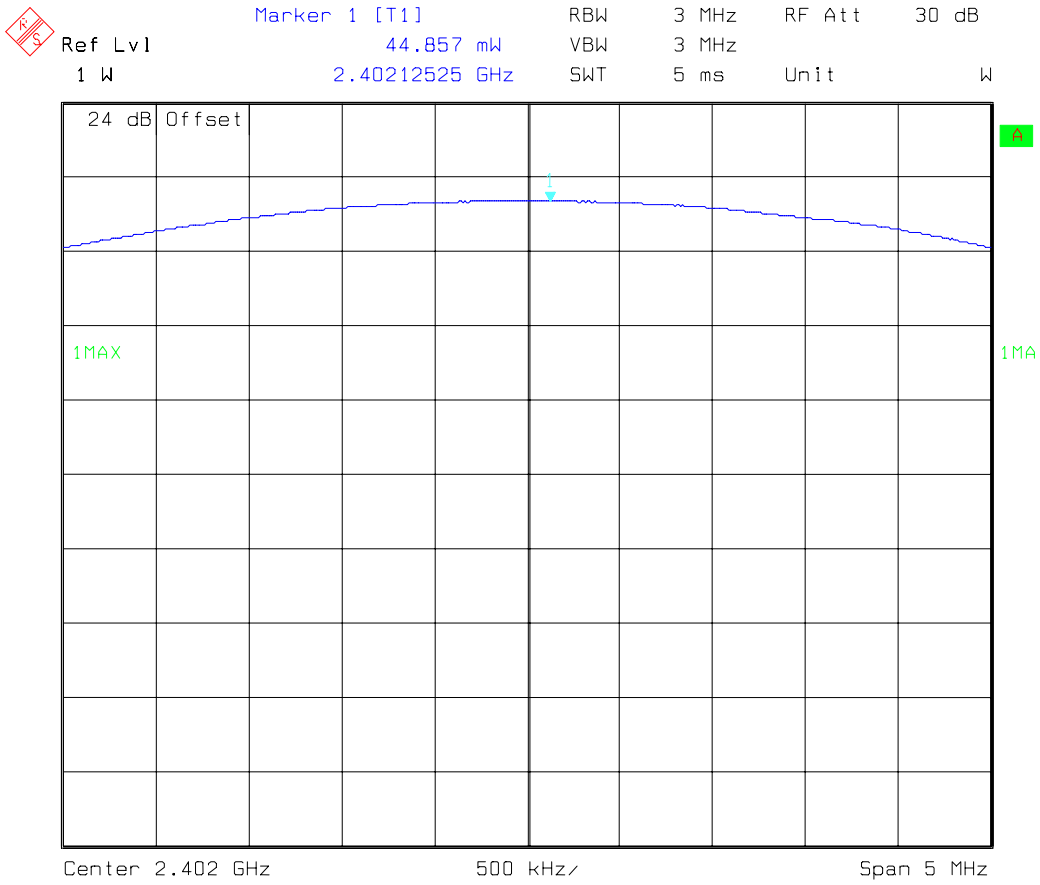
GPH\43844JD02\POW001
Peak Output Power
Bottom Channel (93.5V Power Supply)



Title: Peak Output Power FCC Part 15.247 (b)
Comment A: Tested for Red-M by RFI Ltd. EUT: BAP (950AP) ENG: NS
OpCond: Bottom Channel (93.5V Power Supply)
Date: 21.AUG.2002 23:09:09

Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)
To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

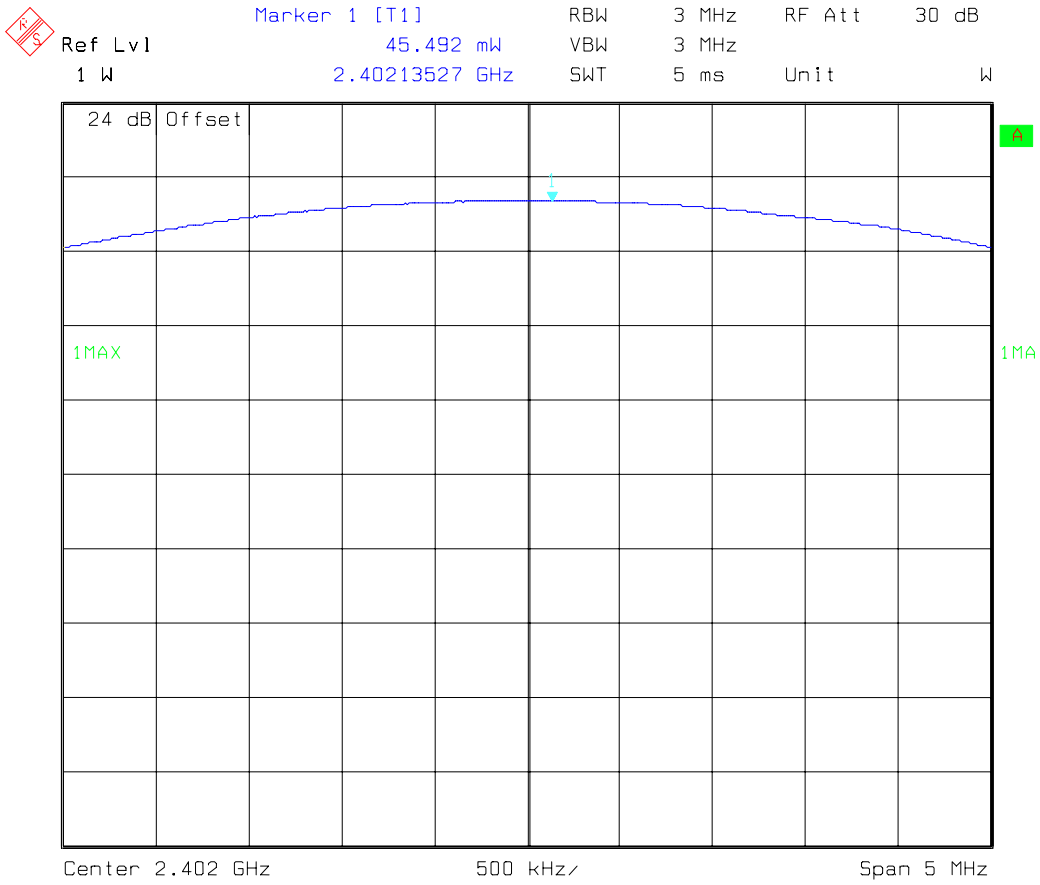
GPH\43844JD02\POW002
Peak Output Power
Bottom Channel (110.0V Power Supply)



Title: Peak Output Power FCC Part 15.247 (b)
Comment A: Tested for Red-M by RFI Ltd. EUT: BAP (950AP) ENG: NS
OpCond: Bottom Channel (110V Power Supply)
Date: 21.AUG.2002 23:09:52

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

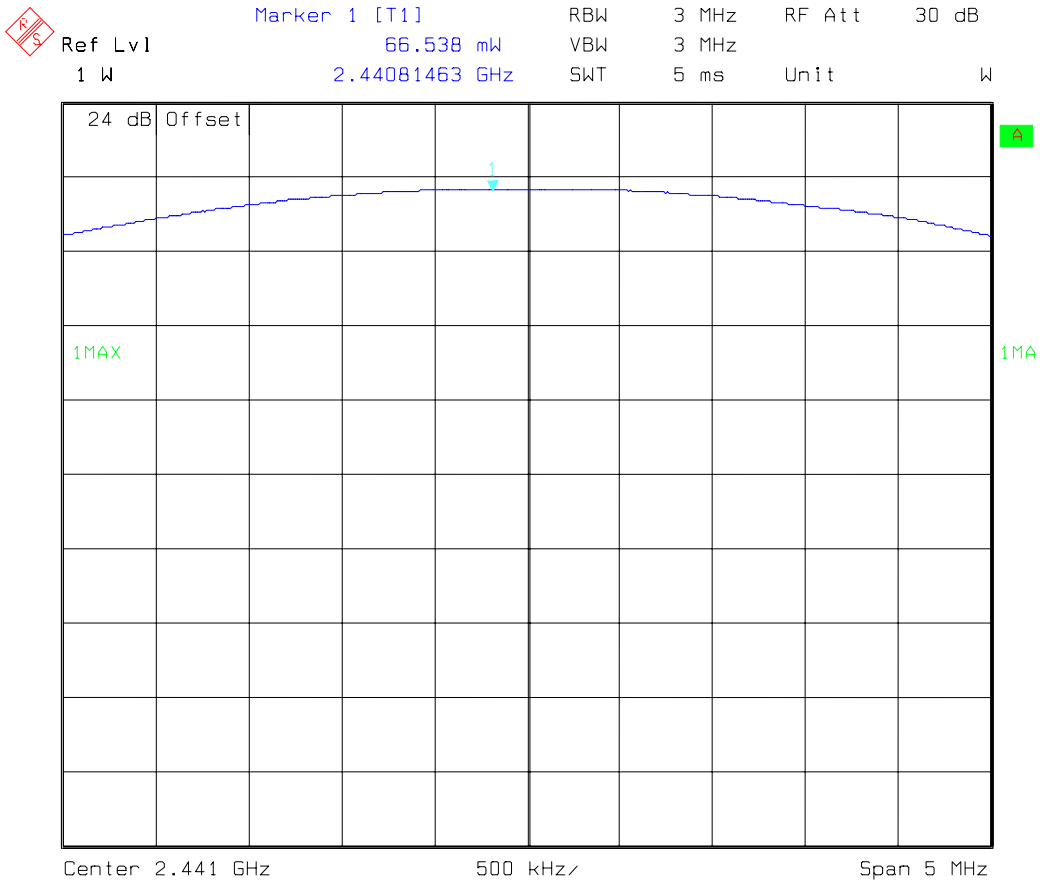
GPH\43844JD02\POW003
Peak Output Power
Bottom Channel (126.5V Power Supply)



Title: Peak Output Power FCC Part 15.247 (b)
Comment A: Tested for Red-M by RFI Ltd. EUT: BAP (950AP) ENG: NS
OpCond: Bottom Channel (126.5V Power Supply)
Date: 21.AUG.2002 23:10:40

Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)
To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

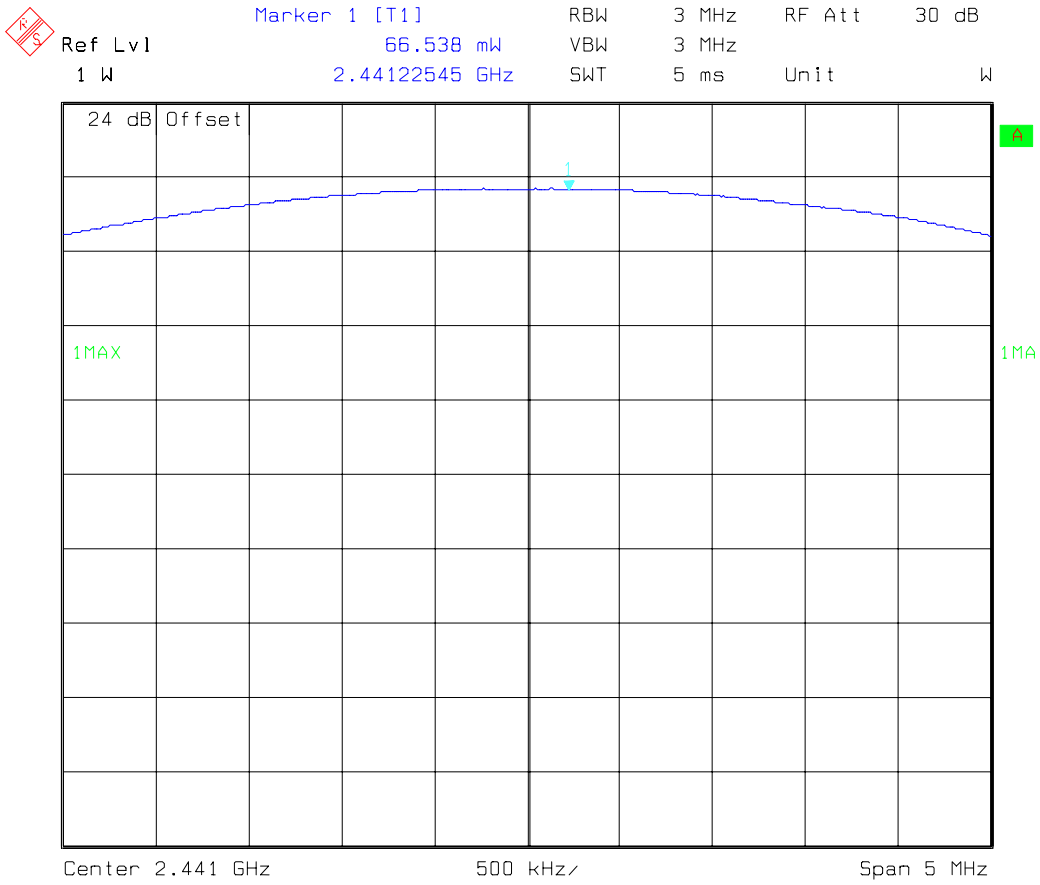
GPH\43844JD02\POW004
Peak Output Power
Middle Channel (93.5V Power Supply)



Title: Peak Output Power FCC Part 15.247 (b)
Comment A: Tested for Red-M by RFI Ltd. EUT: BAP (950AP) ENG: NS
OpCond: Middle Channel (93.5V Power Supply)
Date: 21.AUG.2002 23:14:56

Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)
To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

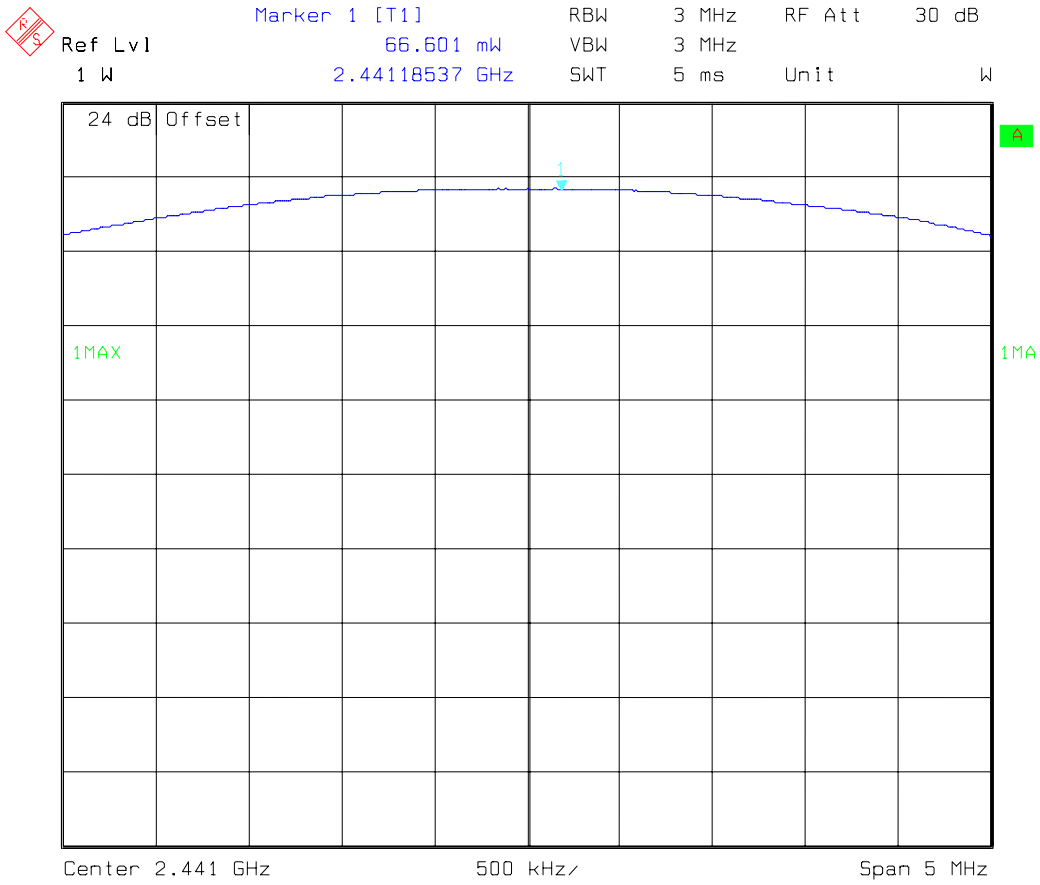
GPH\43844JD02\POW005
Peak Output Power
Middle Channel (110.0V Power Supply)



Title: Peak Output Power FCC Part 15.247 (b)
Comment A: Tested for Red-M by RFI Ltd. EUT: BAP (950AP) ENG: NS
OpCond: Middle Channel (110V Power Supply)
Date: 21.AUG.2002 23:16:41

Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)
To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

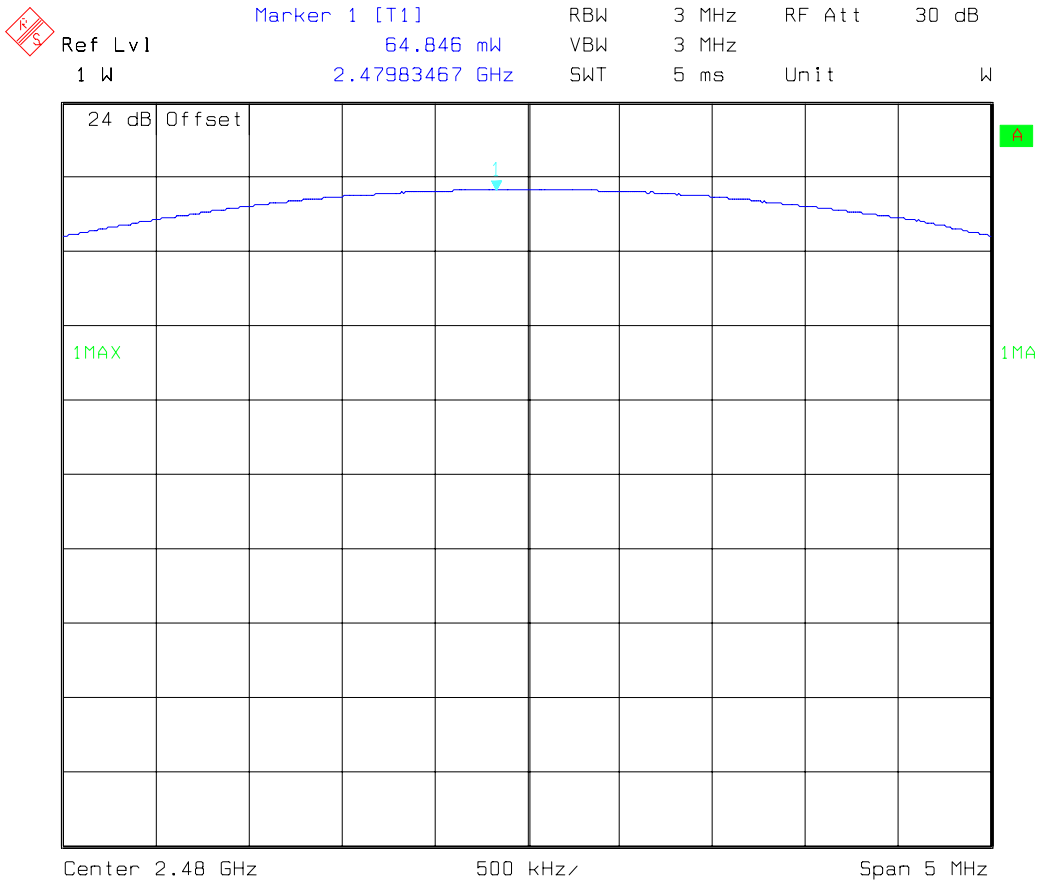
GPH\43844JD02\POW006
Peak Output Power
Middle Channel (126.5V Power Supply)



Title: Peak Output Power FCC Part 15.247 (b)
Comment A: Tested for Red-M by RFI Ltd. EUT: BAP (950AP) ENG: NS
OpCond: Middle Channel (126.5V Power Supply)
Date: 21.AUG.2002 23:17:26

Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)
To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

GPH\43844JD02\POW007
Peak Output Power
Top Channel (93.5V Power Supply)

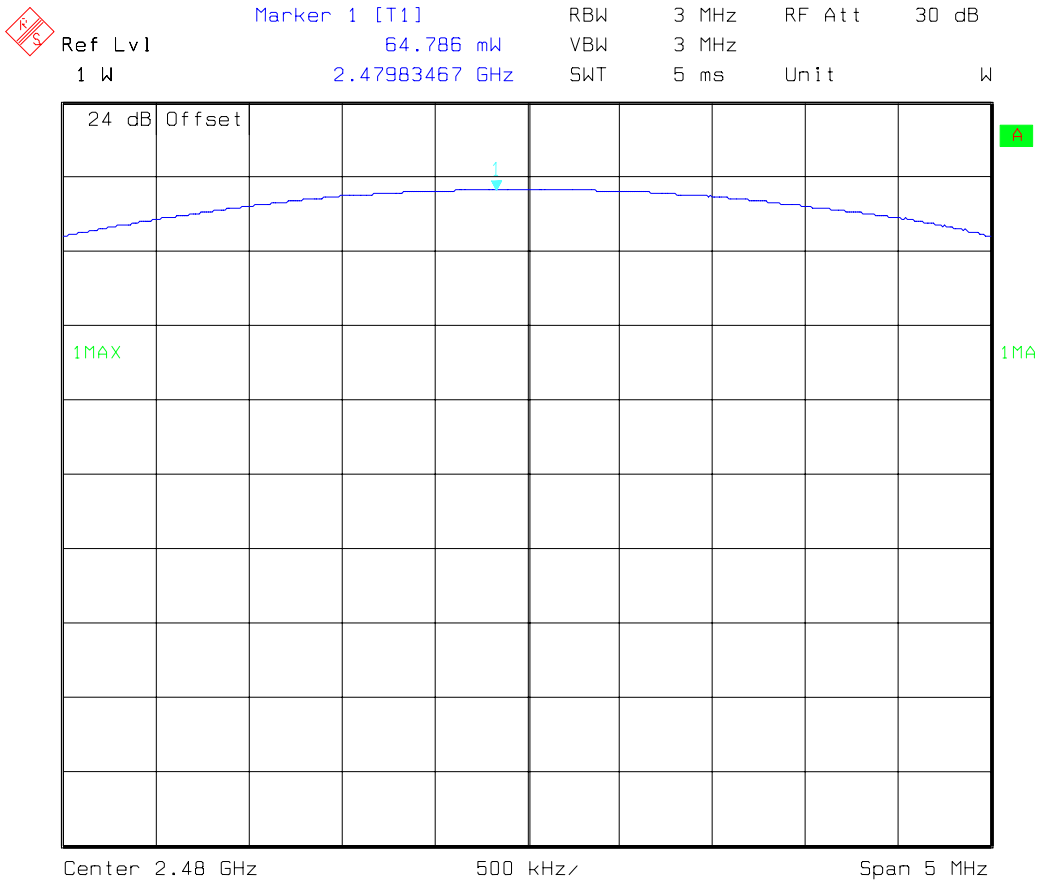


Title: Peak Output Power FCC Part 15.247 (b)
Comment A: Tested for Red-M by RFI Ltd. EUT: BAP (950AP) ENG: NS
OpCond: Top Channel (93.5V Power Supply)
Date: 21.AUG.2002 23:22:56

Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)

To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

GPH\43844JD02\POW008
Peak Output Power
Top Channel (110.0V Power Supply)

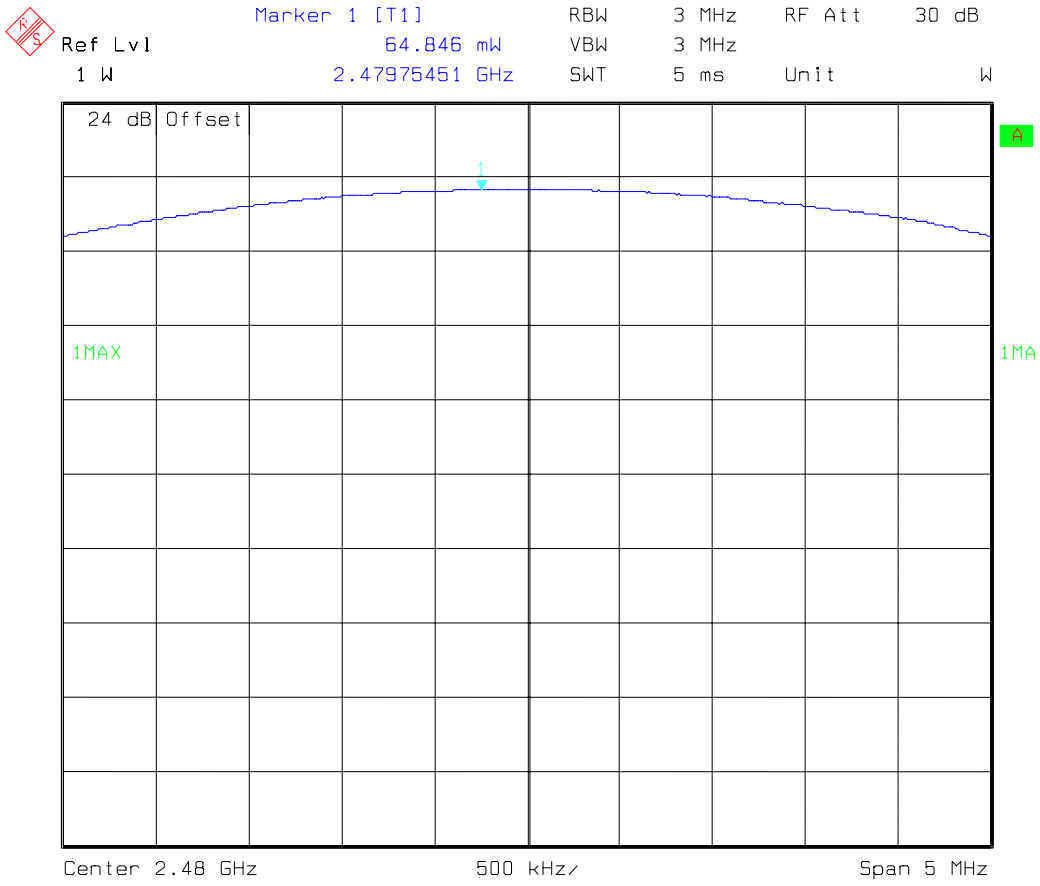


Title: Peak Output Power FCC Part 15.247 (b)
Comment A: Tested for Red-M by RFI Ltd. EUT: BAP (950AP) ENG: NS
OpCond: Top Channel (110V Power Supply)
Date: 21.AUG.2002 23:23:31

Test Of: Red-M (Communications) Ltd.
Basic Access Point (BAP950AP)

To: F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247

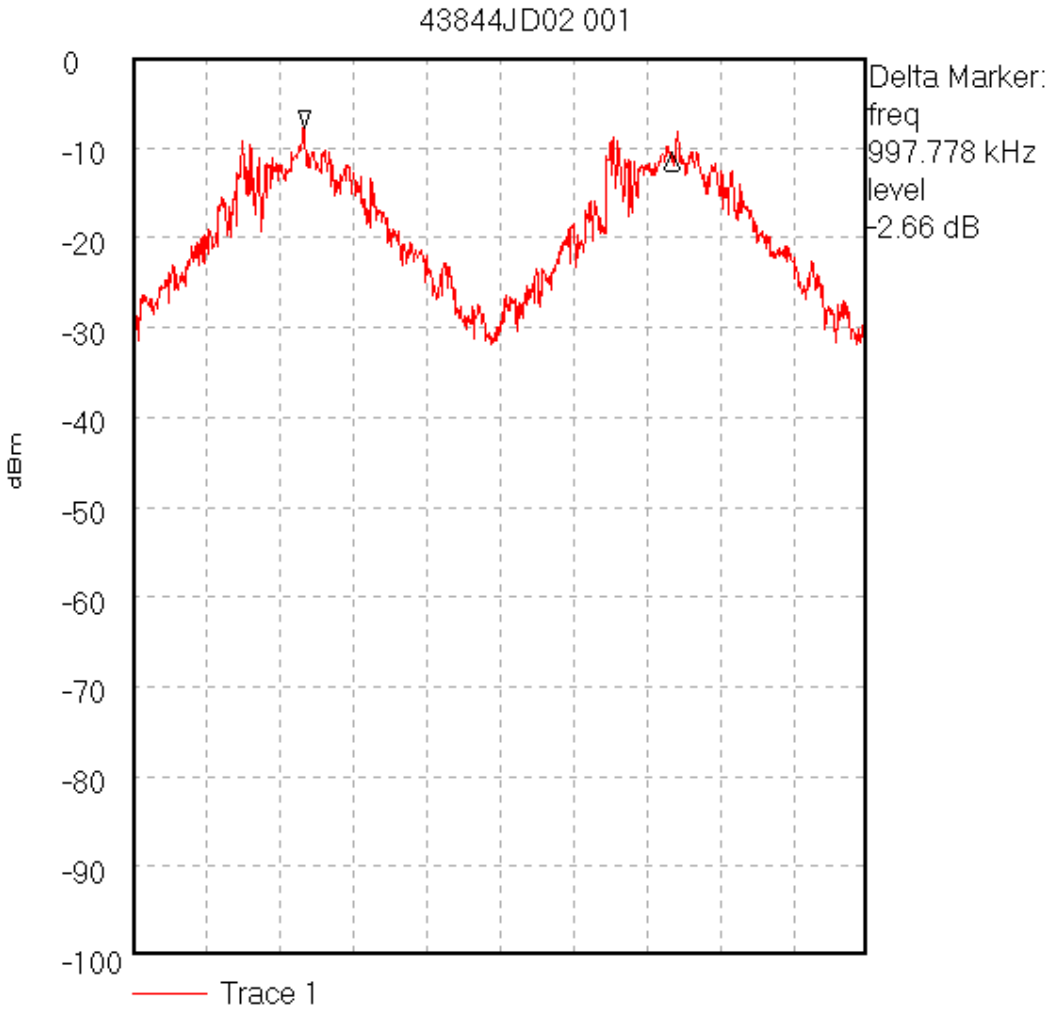
GPH\43844JD02\POW009
Peak Output Power
Top Channel (126.5V Power Supply)



Title: Peak Output Power FCC Part 15.247 (b)
Comment A: Tested for Red-M by RFI Ltd. EUT: BAP (950AP) ENG: NS
OpCond: Top Channel (126.5V Power Supply)
Date: 21.AUG.2002 23:24:07

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

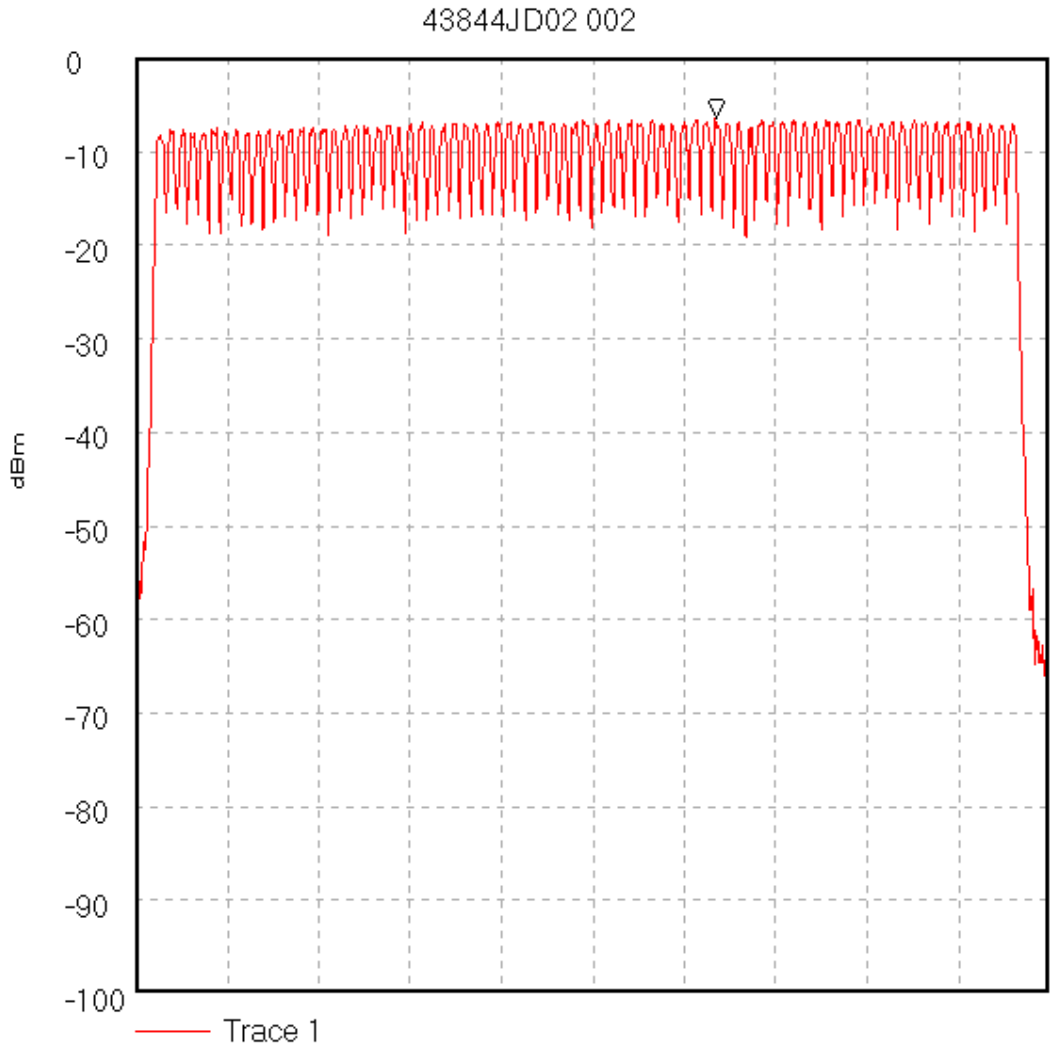
GPH\43844JD02\001
Carrier Frequency Separation - Hopping All Channels.



Start 2.441 GHz; Stop 2.443 GHz
Ref 0 dBm; Ref Offset 0.0 dB; 10 dB/div
RBW 30.0 kHz; VBW 30.0 kHz; Att 20 dB; Swp 20.0 mS
Marker 2.441 GHz, -7.82 dBm
Delta 2.442 GHz, -10.48 dBm
21/08/02 15:27:29

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

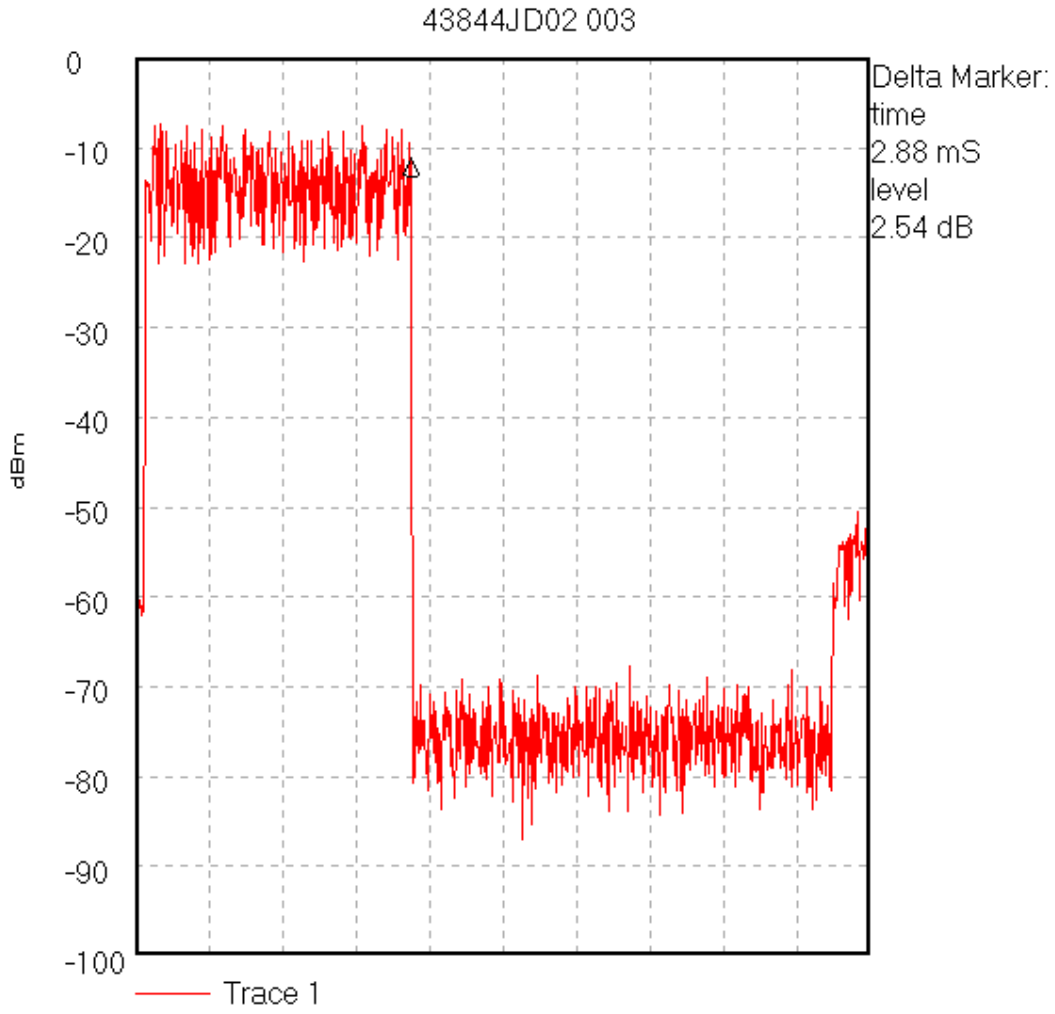
GPH\43844JD02\002
Number Of Hopping Frequencies - Hopping All Channels.



Start 2.4 GHz; Stop 2.484 GHz
Ref 0 dBm; Ref Offset 0.0 dB; 10 dB/div
RBW 300.0 kHz; VBW 100.0 kHz; Att 20 dB; Swp 20.0 mS
Peak 2.453 GHz, -6.52 dBm
21/08/02 15:34:47

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

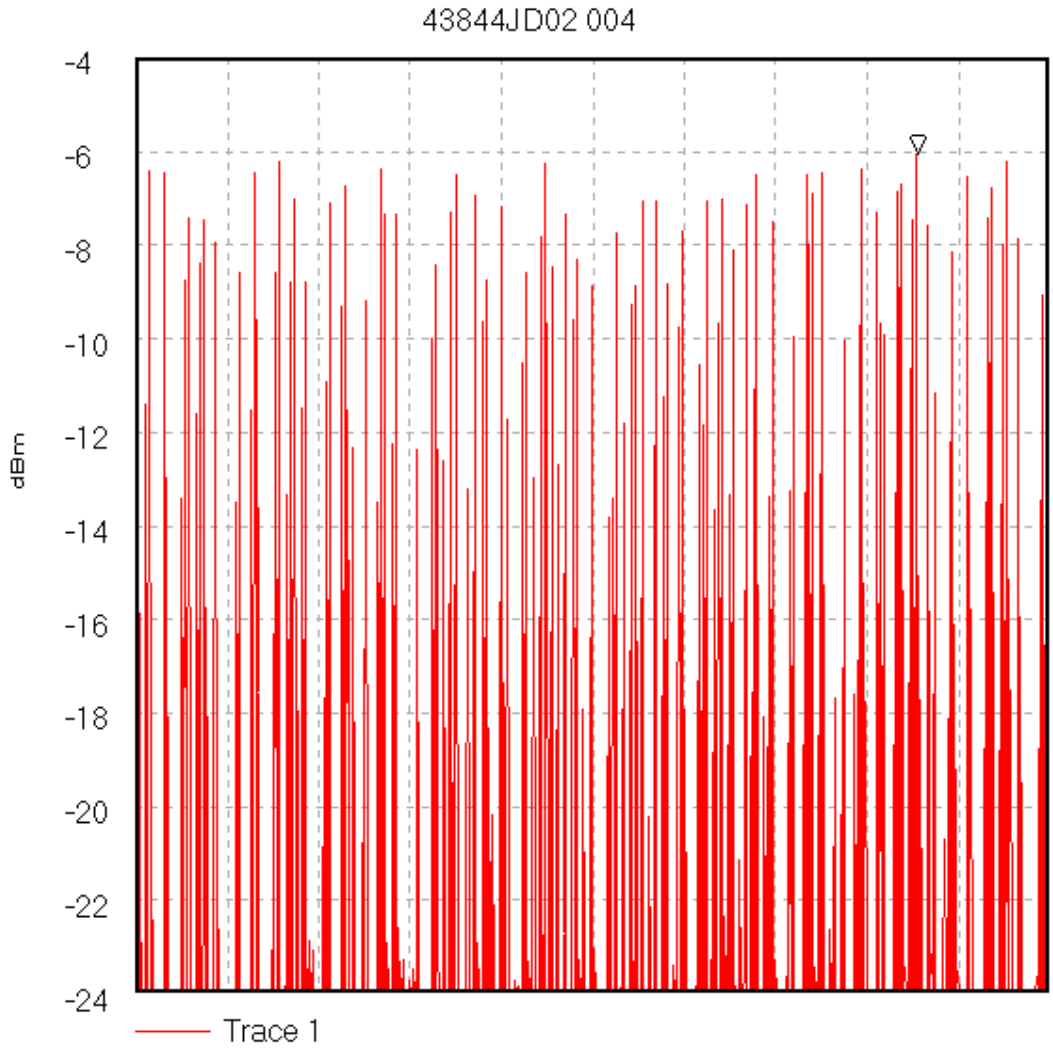
GPH\43844JD02\003
Time of Occupancy (Dwell Time) - Hopping All Channels.



Start 2.442 GHz; Stop 2.442 GHz
Ref 0 dBm; Ref Offset 0.0 dB; 10 dB/div
RBW 300.0 kHz; VBW 100.0 kHz; Att 20 dB; Swp 8.0 mS
Marker 115.555 µS, -13.73 dBm
Delta 2.996 mS, -11.19 dBm
21/08/02 15:50:16

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

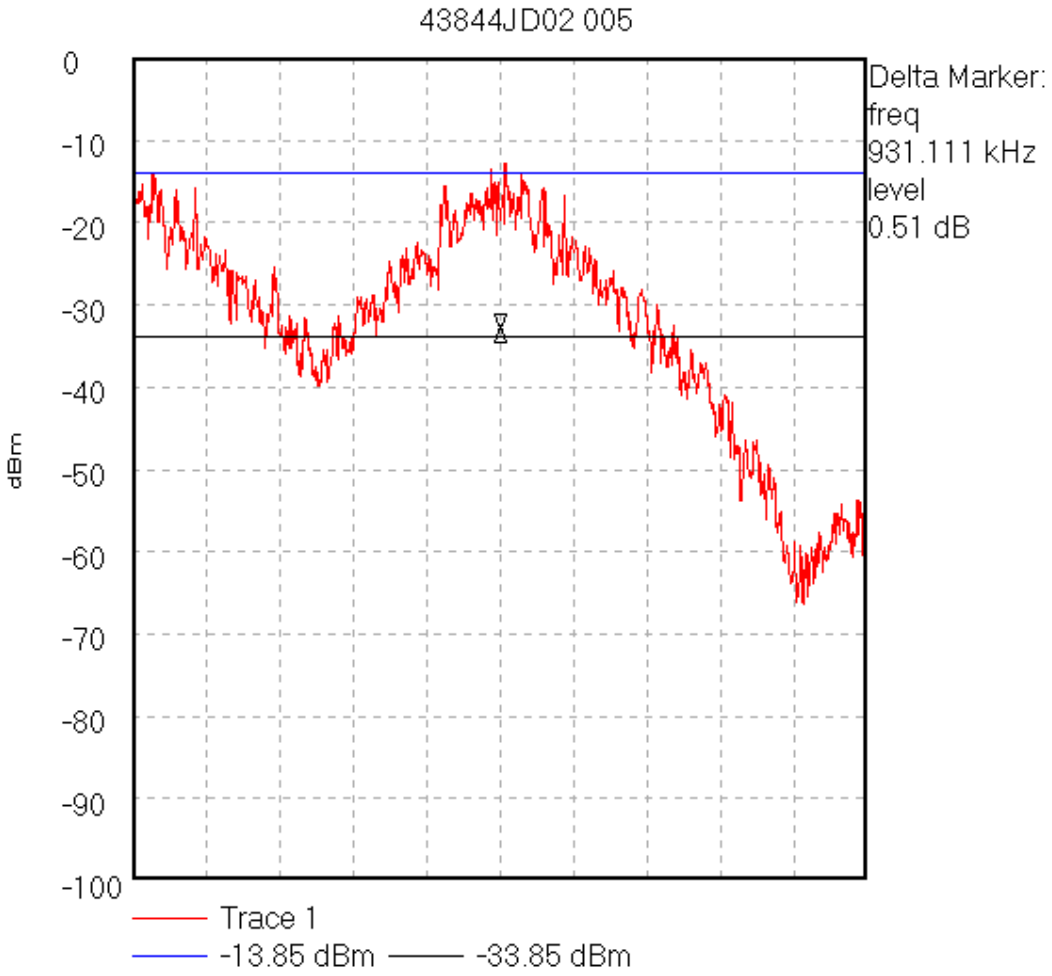
GPH\43844JD02\004
Time of Occupancy (Dwell Time) - Hopping All Channels.



Start 2.442 GHz; Stop 2.442 GHz
Ref -4 dBm; Ref Offset 0.0 dB; 2 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 20 dB; Swp 30.0 S
Peak 25.666 S, -6.06 dBm
21/08/02 16:16:59

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

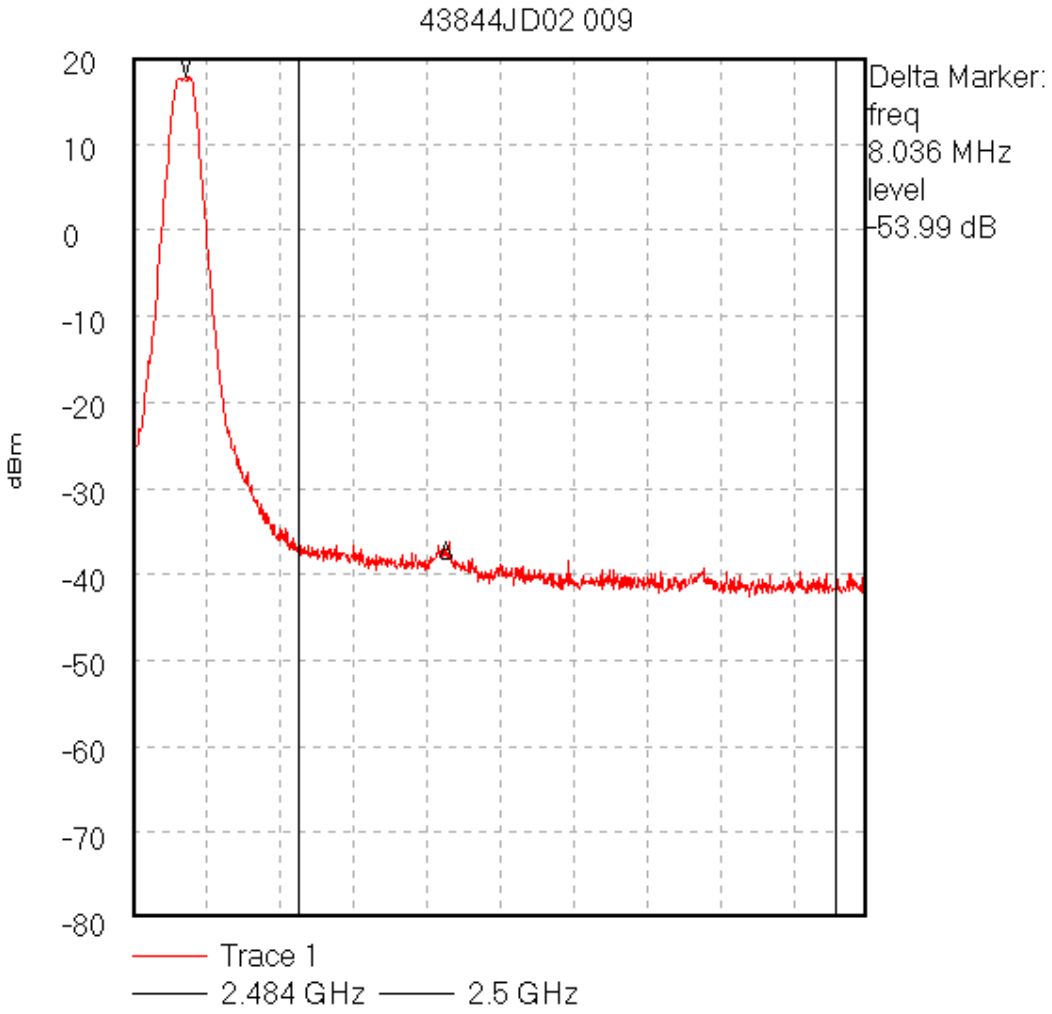
GPH\43844JD02\005
20 dB Bandwidth - Hopping All Channels.



Start 2.479 GHz; Stop 2.481 GHz
Ref 0 dBm; Ref Offset 0.0 dB; 10 dB/div
RBW 10.0 kHz; VBW 10.0 kHz; Att 20 dB; Swp 60.0 mS
Marker 2.48 GHz, -33.11 dBm
Delta 2.48 GHz, -32.6 dBm
Display Line: -13.85 dBm; -33.85 dBm;
21/08/02 16:23:56

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

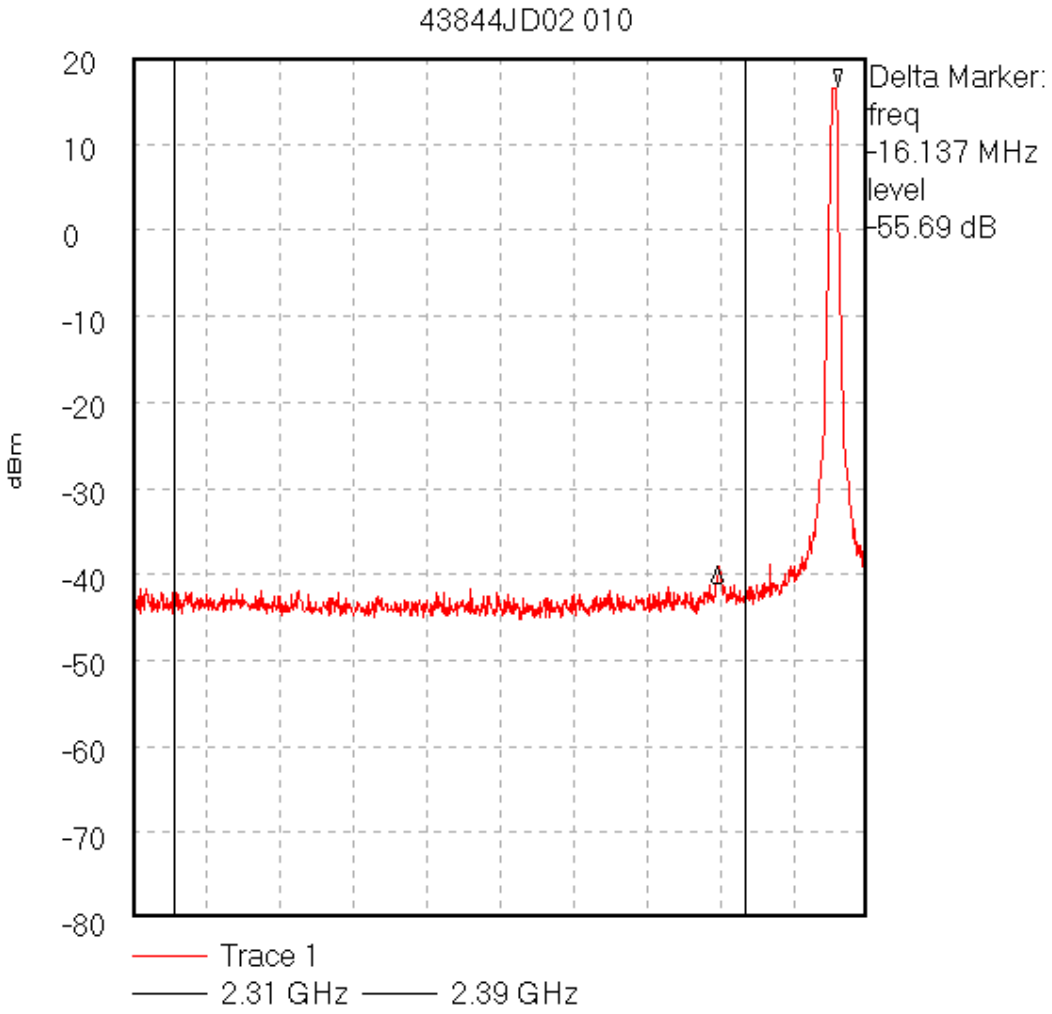
GPH\43844JD02\009
Band Edge Compliance - Top Channel.



Start 2.478 GHz; Stop 2.501 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 300.0 kHz; VBW 300.0 kHz; Att 10 dB; Swp 60.0 mS
Marker 2.48 GHz, 17.72 dBm
Delta 2.488 GHz, -36.27 dBm
21/08/02 16:41:15

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

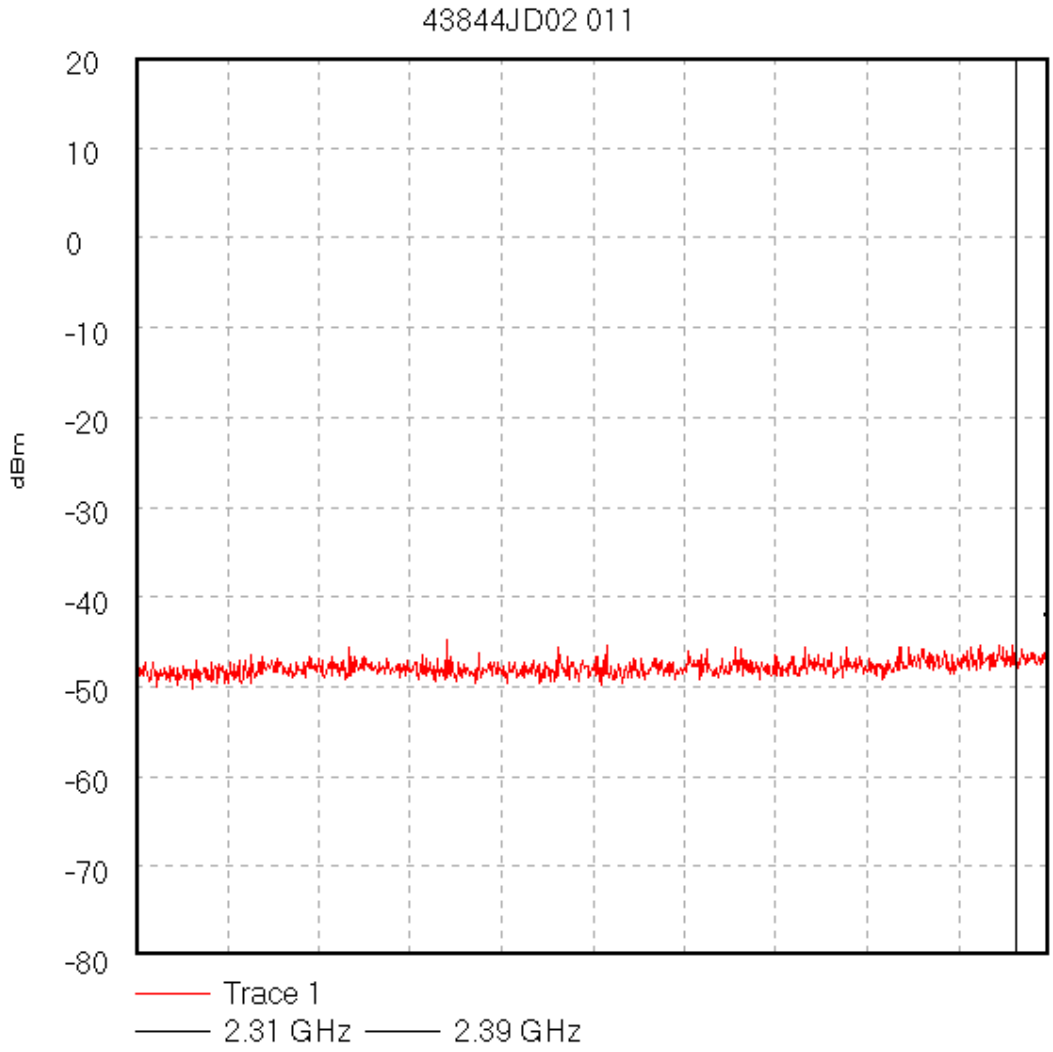
GPH\43844JD02\010
Band Edge Compliance - Bottom Channel.



Start 2.304 GHz; Stop 2.407 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 300.0 kHz; VBW 300.0 kHz; Att 10 dB; Swp 60.0 mS
Marker 2.403 GHz, 16.6 dBm
Delta 2.386 GHz, -39.09 dBm
21/08/02 16:43:40

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

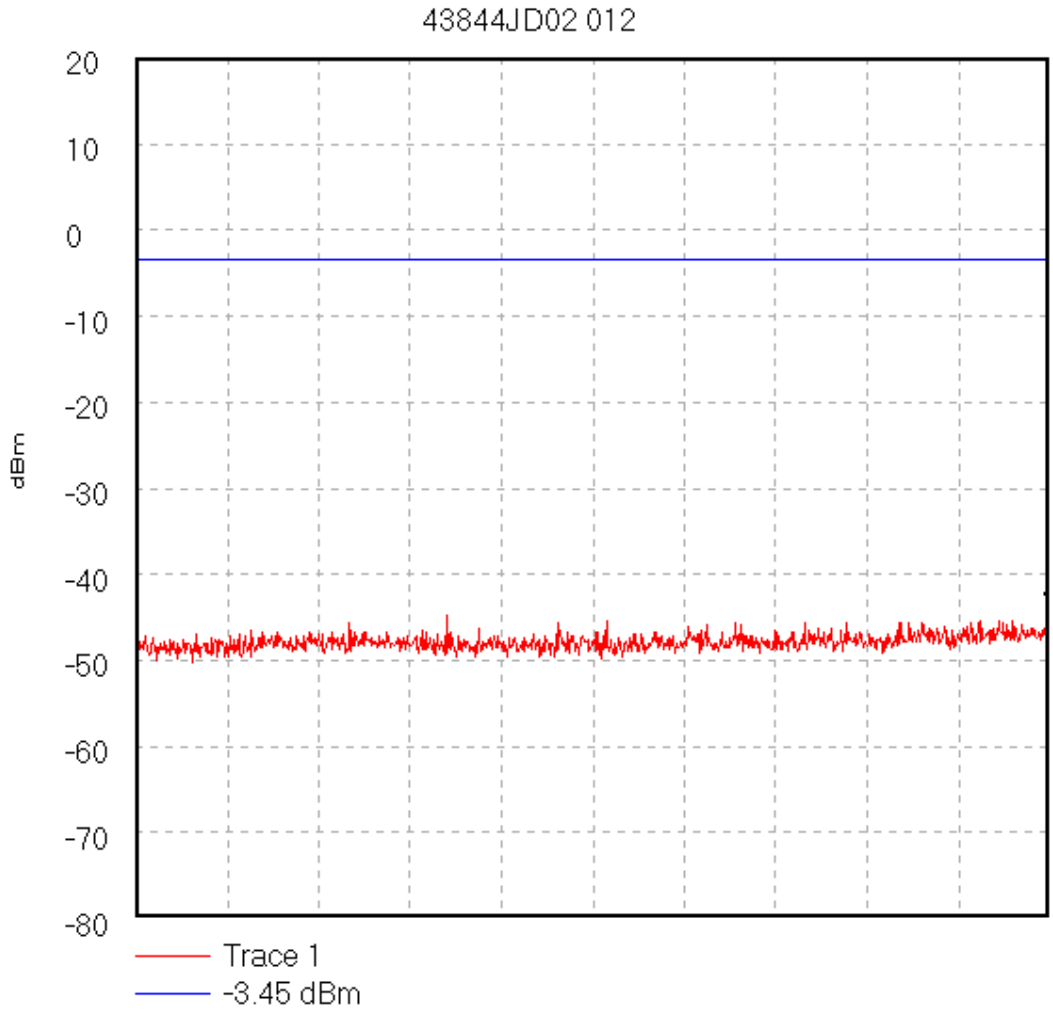
GPH\43844JD02\011
Spurious RF Conducted Emissions - Bottom Channel.



Start 30.0 MHz; Stop 2.4 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 60.0 mS
Peak 2.4 GHz, -43.86 dBm
21/08/02 16:47:52

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

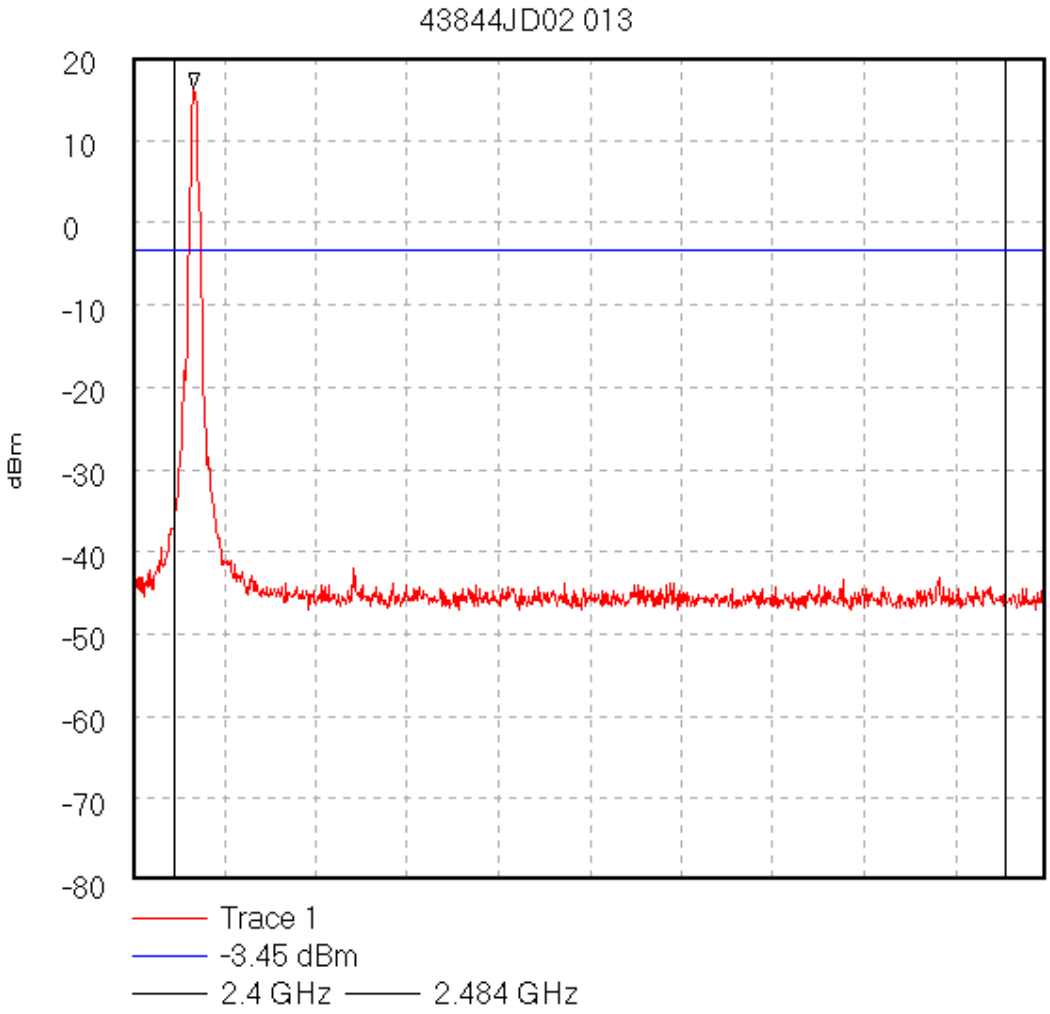
GPH\43844JD02\012
Spurious RF Conducted Emissions - Bottom Channel.



Start 30.0 MHz; Stop 2.4 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 60.0 mS
Peak 2.4 GHz, -43.86 dBm
Display Line: -3.45 dBm;
21/08/02 16:49:42

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

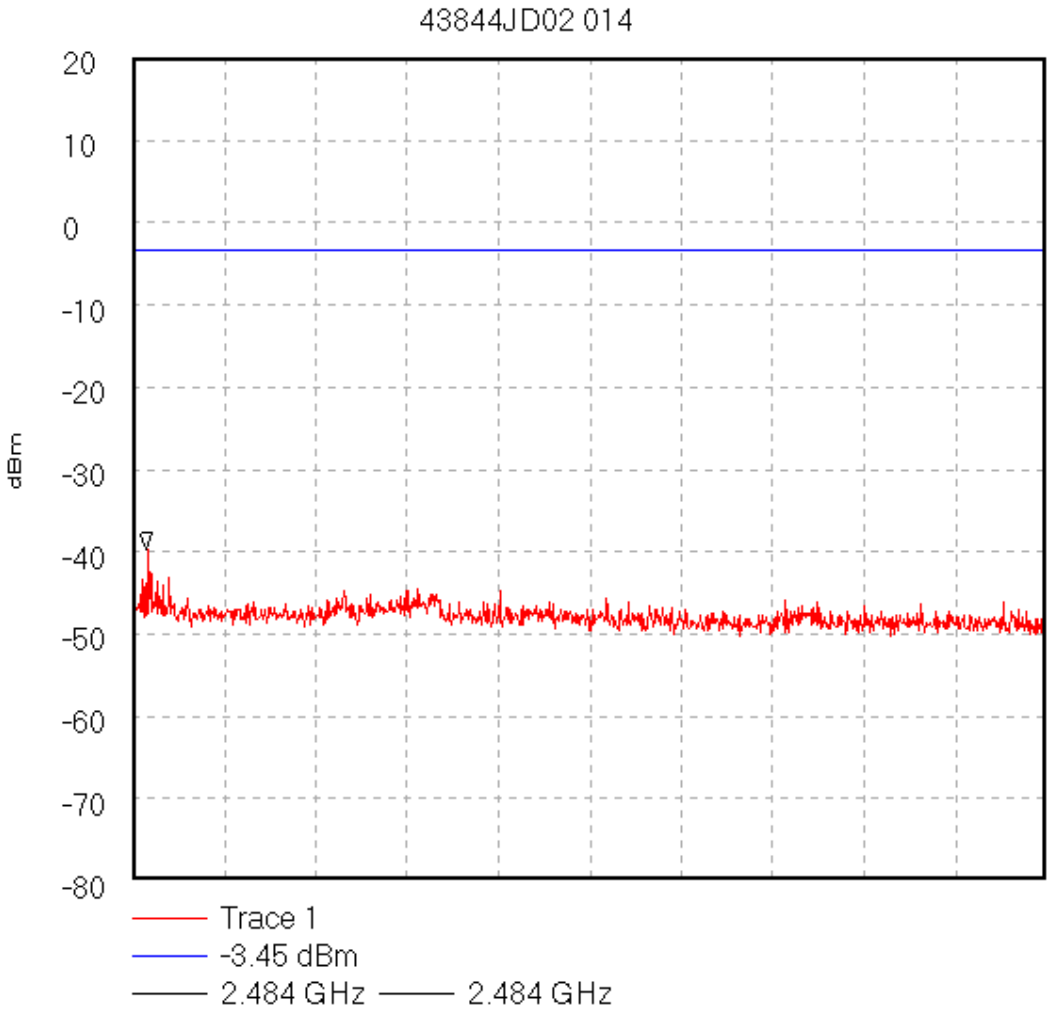
GPH\43844JD02\013
Spurious RF Conducted Emissions - Bottom Channel.



Start 2.396 GHz; Stop 2.488 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 60.0 mS
Peak 2.402 GHz, 16.25 dBm
Display Line: -3.45 dBm;
21/08/02 16:50:54

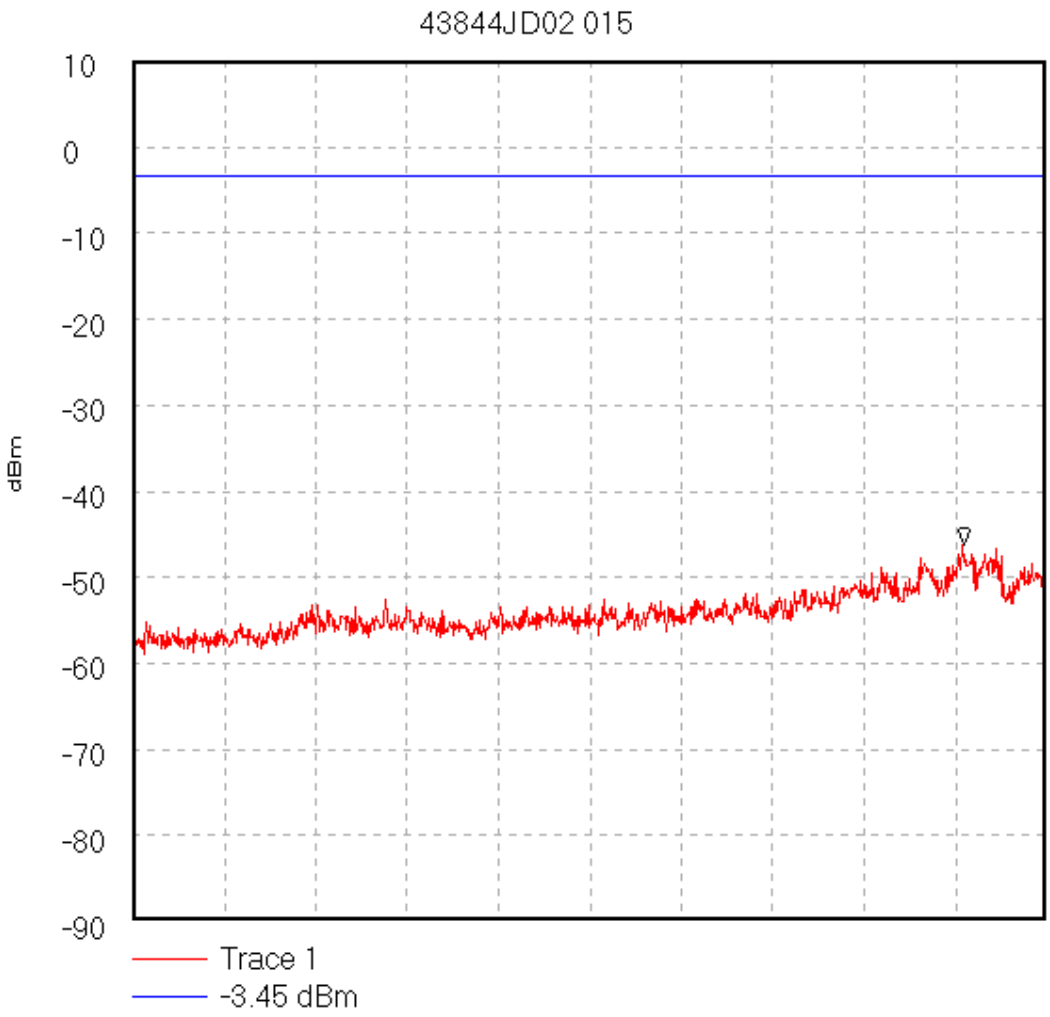
Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

GPH\43844JD02\014
Spurious RF Conducted Emissions - Bottom Channel.



Start 2.484 GHz; Stop 10.0 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 60.0 mS
Peak 2.6 GHz, -39.7 dBm
Display Line: -3.45 dBm;
21/08/02 16:51:55

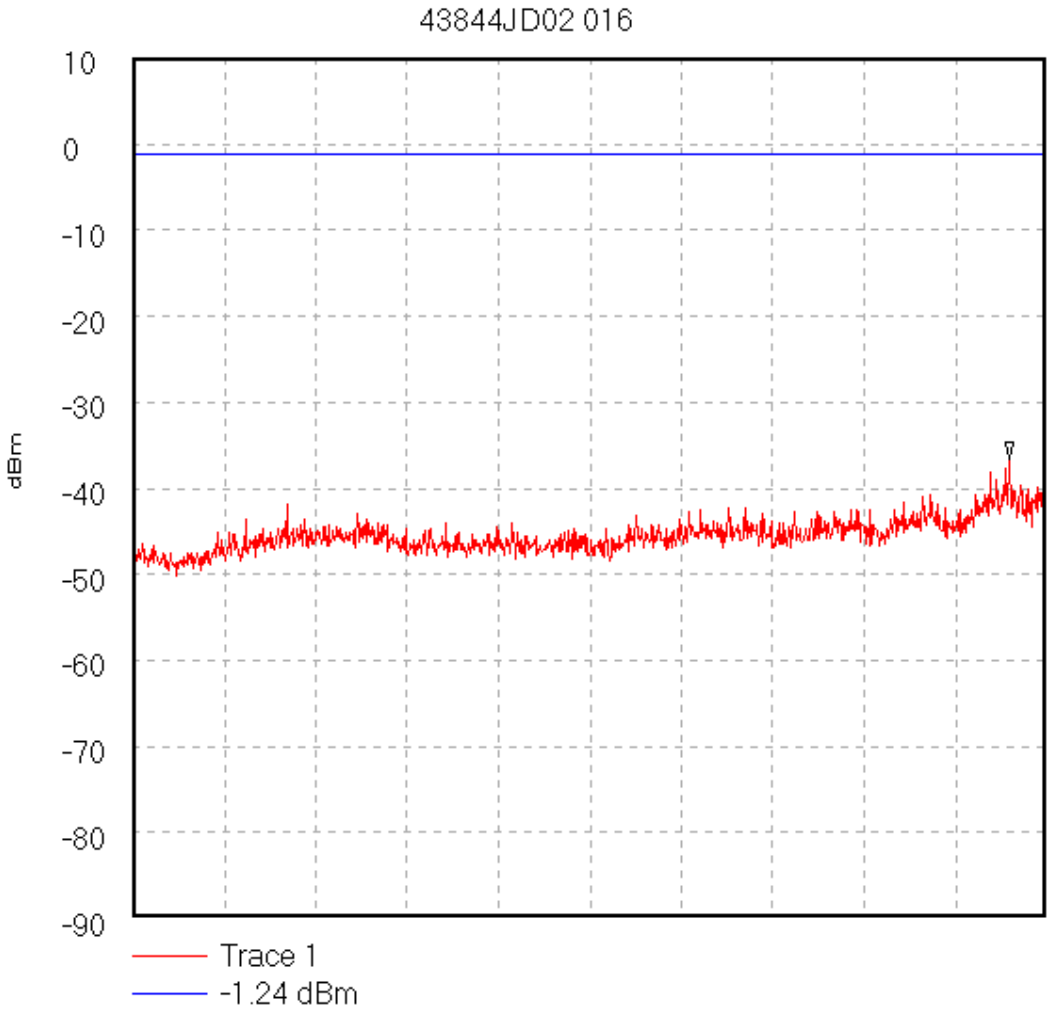
GPH\43844JD02\015
Spurious RF Conducted Emissions - Bottom Channel.



Start 10.0 GHz; Stop 26.0 GHz
Ref 10 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 60.0 mS
Peak 24.542 GHz, -46.19 dBm
Display Line: -3.45 dBm;
21/08/02 16:53:19

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

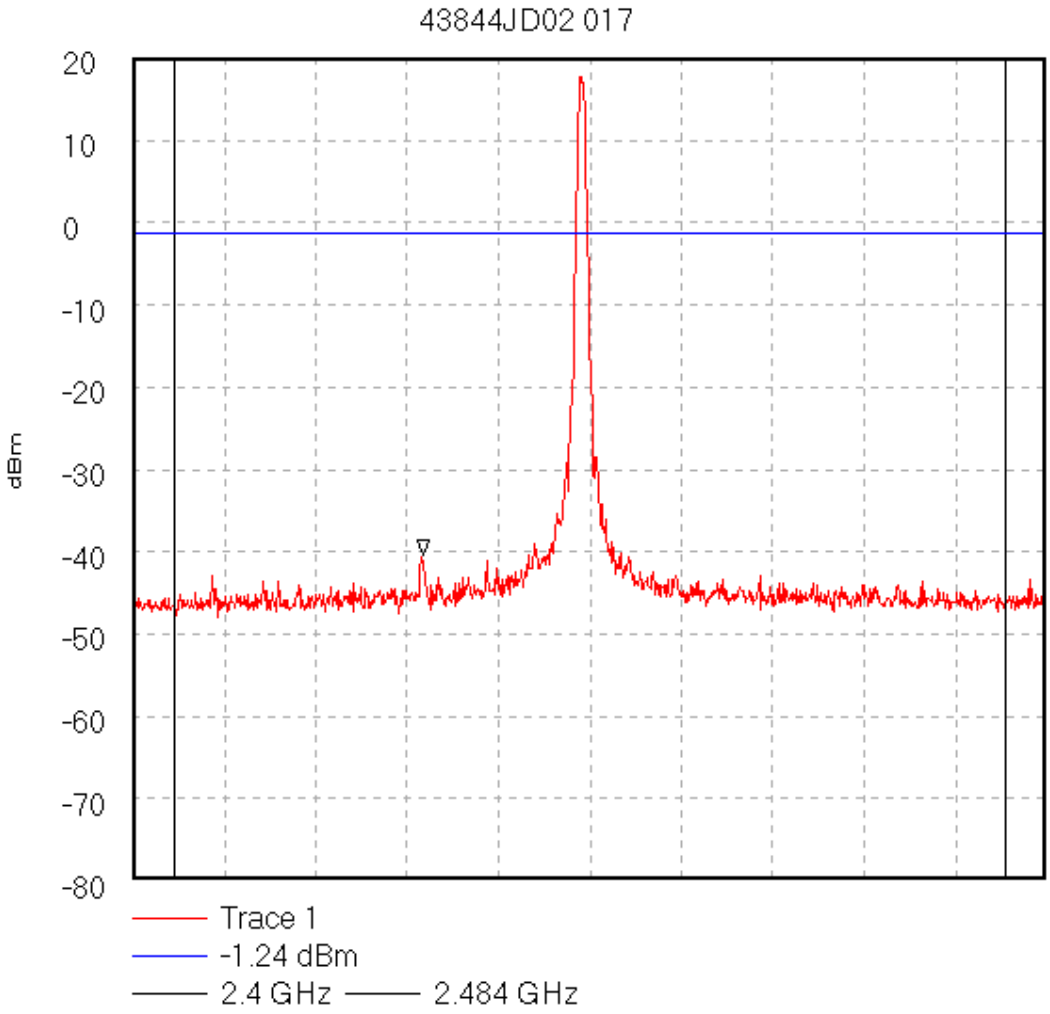
GPH\43844JD02\016
Spurious RF Conducted Emissions - Middle Channel.



Start 30.0 MHz; Stop 2.4 GHz
Ref 10 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 3.0 MHz; VBW 1.0 MHz; Att 10 dB; Swp 20.0 mS
Peak 2.303 GHz, -36.69 dBm
Display Line: -1.24 dBm;
22/08/02 09:12:57

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

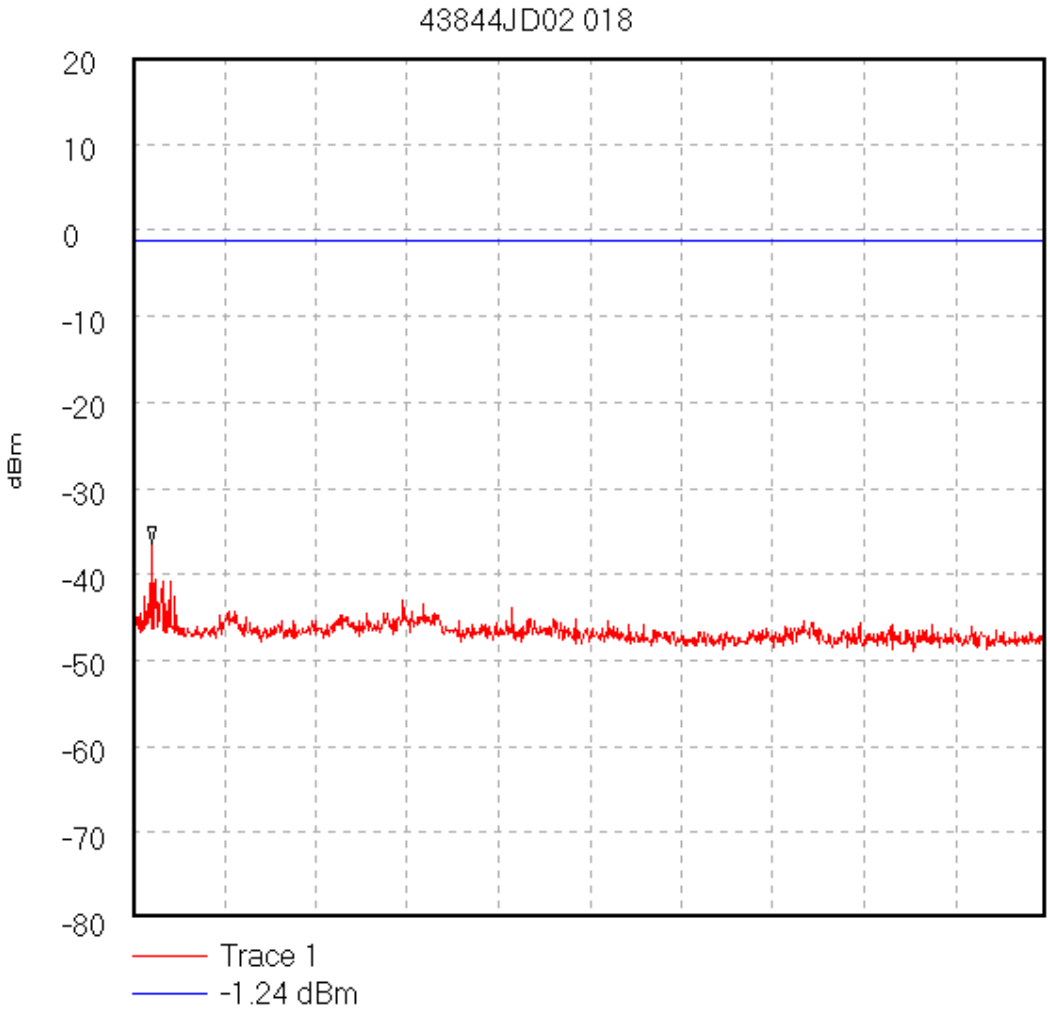
GPH\43844JD02\017
Spurious RF Conducted Emissions - Middle Channel.



Start 2.396 GHz; Stop 2.488 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 40.0 mS
Marker 2.425 GHz, -40.58 dBm
Display Line: -1.24 dBm;
22/08/02 09:15:52

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

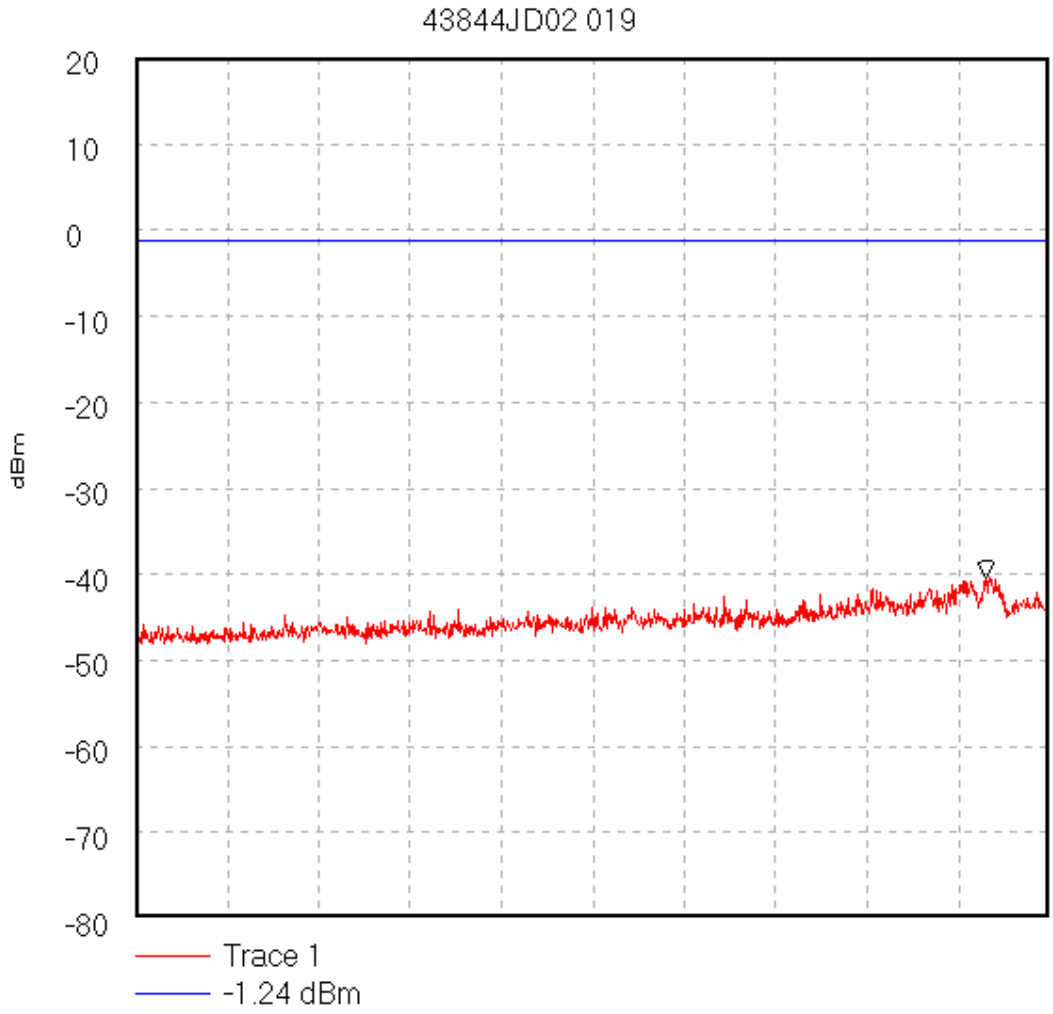
GPH\43844JD02\018
Spurious RF Conducted Emissions - Middle Channel.



Start 2.484 GHz; Stop 10.0 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 2.4 S
Peak 2.634 GHz, -36.57 dBm
Display Line: -1.24 dBm;
22/08/02 09:23:38

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

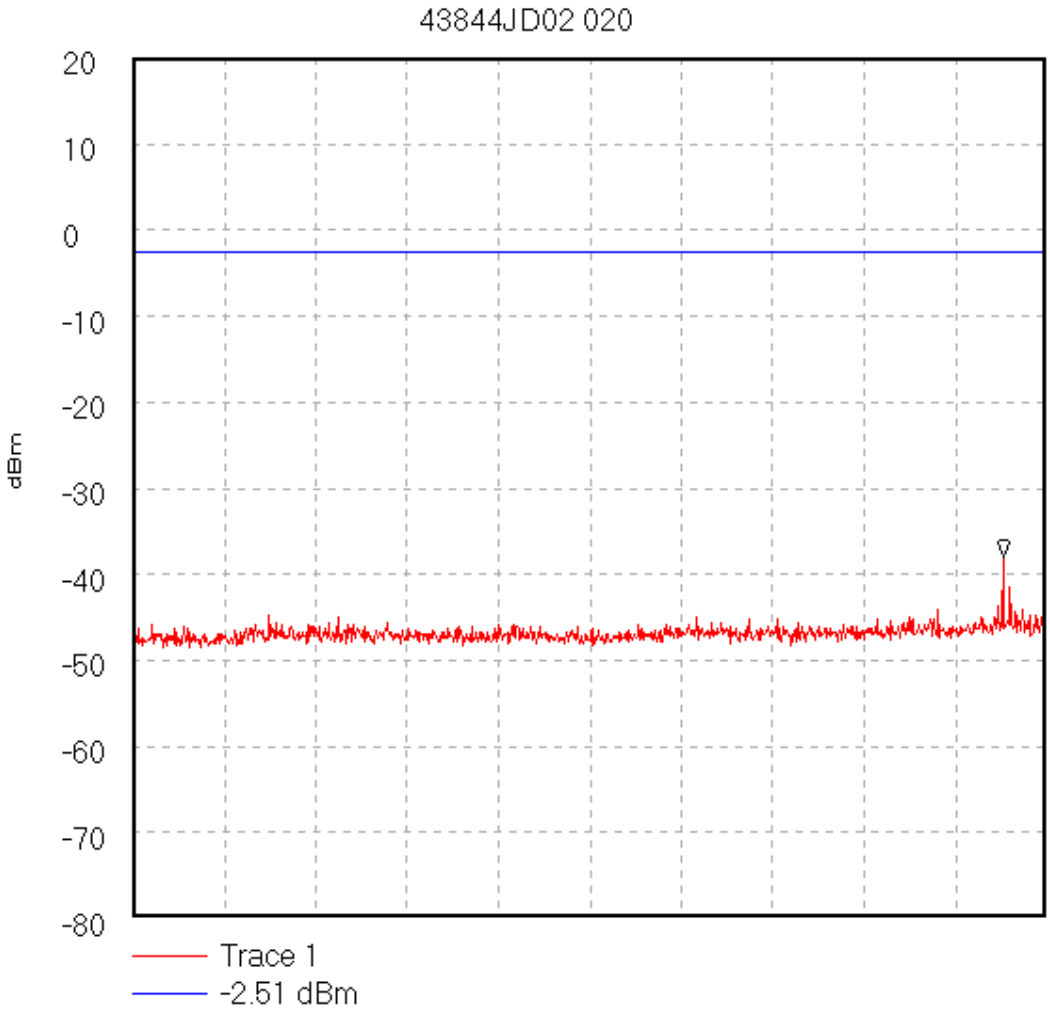
GPH\43844JD02\019
Spurious RF Conducted Emissions - Middle Channel.



Start 10.0 GHz; Stop 26.0 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 4.8 S
Peak 24.898 GHz, -40.33 dBm
Display Line: -1.24 dBm;
22/08/02 09:24:46

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

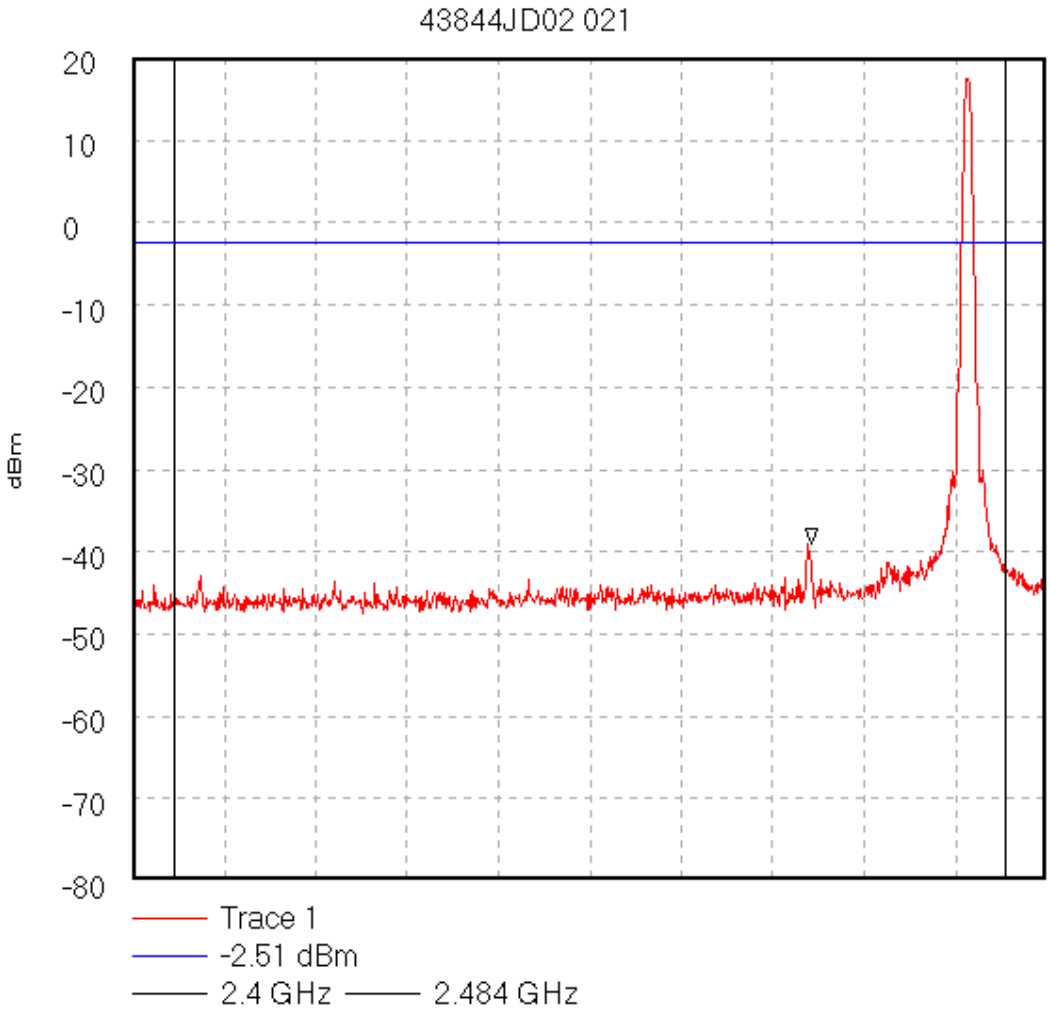
GPH\43844JD02\020
Spurious RF Conducted Emissions - Top Channel.



Start 30.0 MHz; Stop 2.4 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 720.0 mS
Peak 2.289 GHz, -37.92 dBm
Display Line: -2.51 dBm;
22/08/02 09:27:33

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

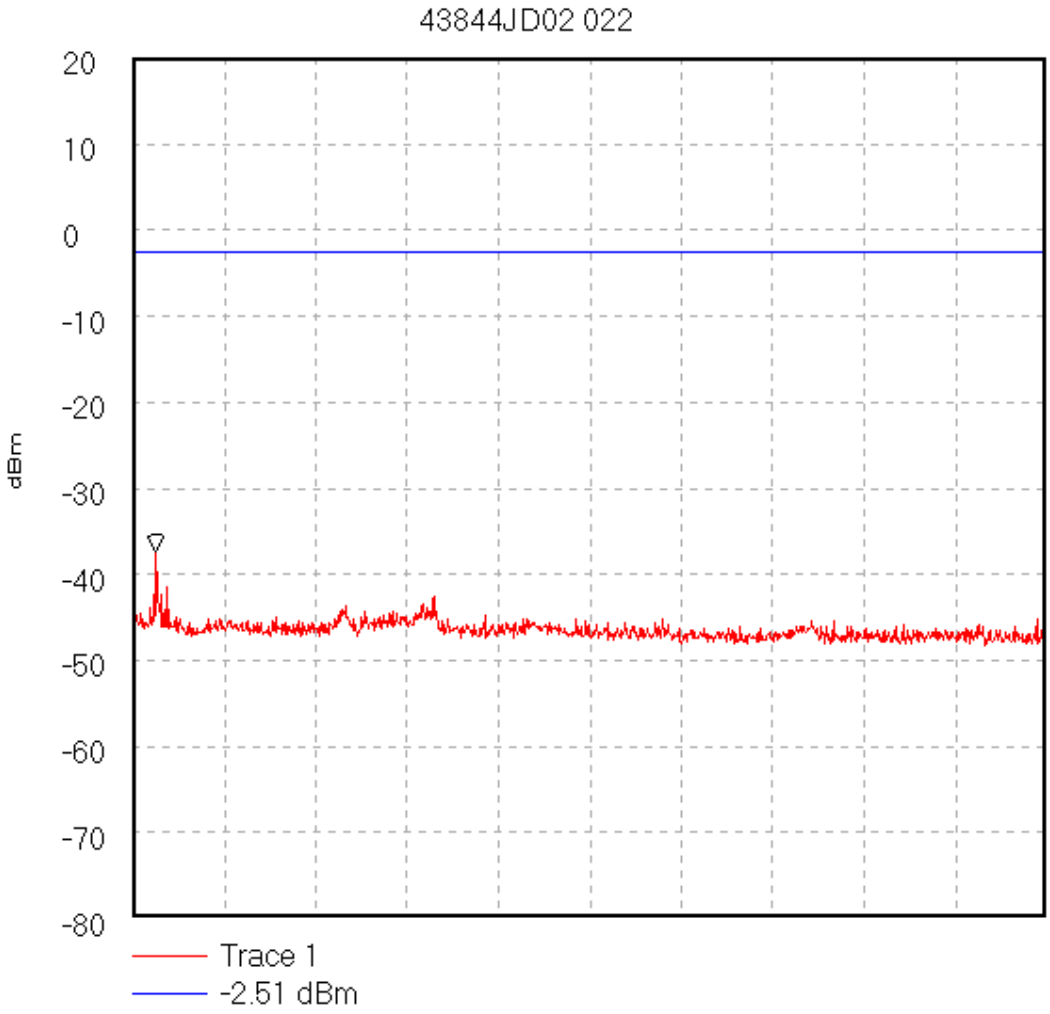
GPH\43844JD02\021
Spurious RF Conducted Emissions - Top Channel.



Start 2.396 GHz; Stop 2.488 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 40.0 mS
Marker 2.464 GHz, -39.14 dBm
Display Line: -2.51 dBm;
22/08/02 09:29:05

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

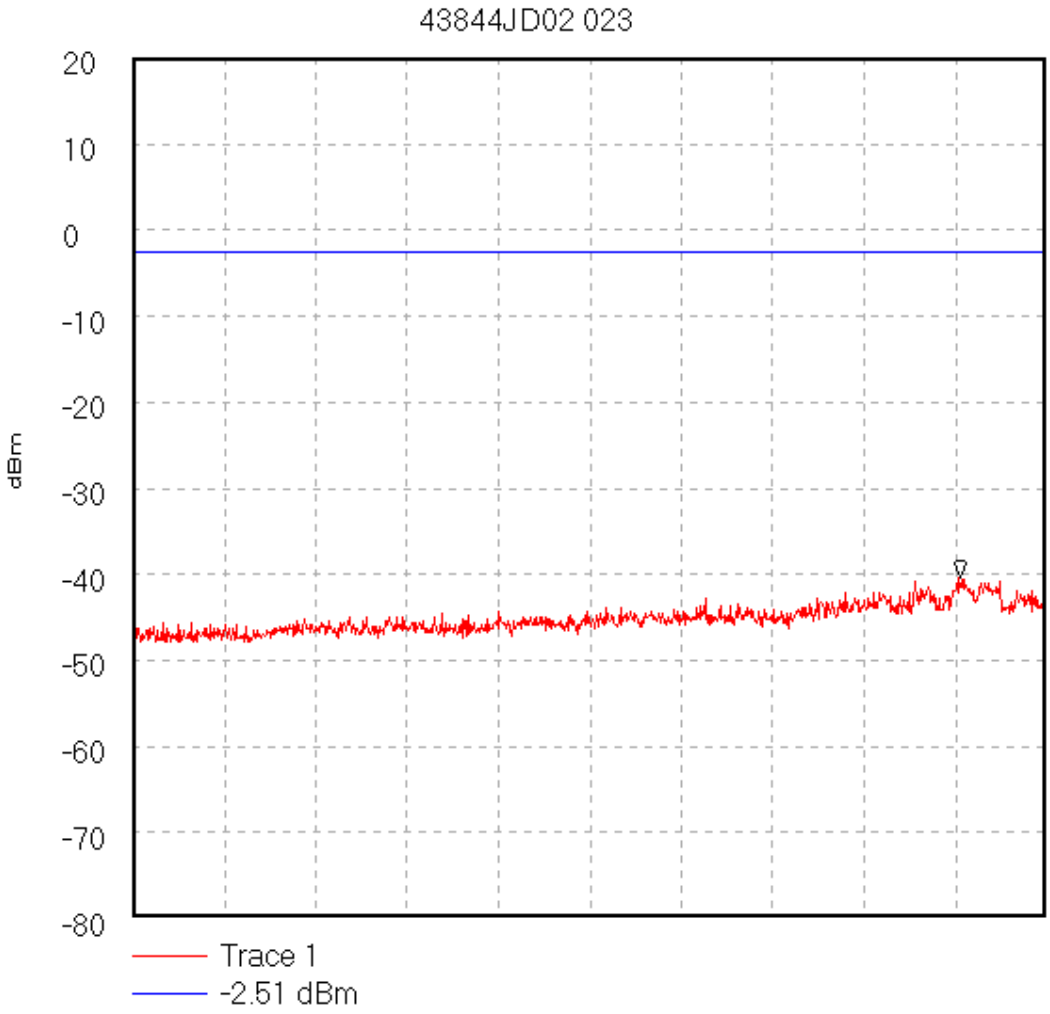
GPH\43844JD02\022
Spurious RF Conducted Emissions - Top Channel.



Start 2.484 GHz; Stop 10.0 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 2.4 S
Peak 2.676 GHz, -37.33 dBm
Display Line: -2.51 dBm;
22/08/02 09:30:42

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

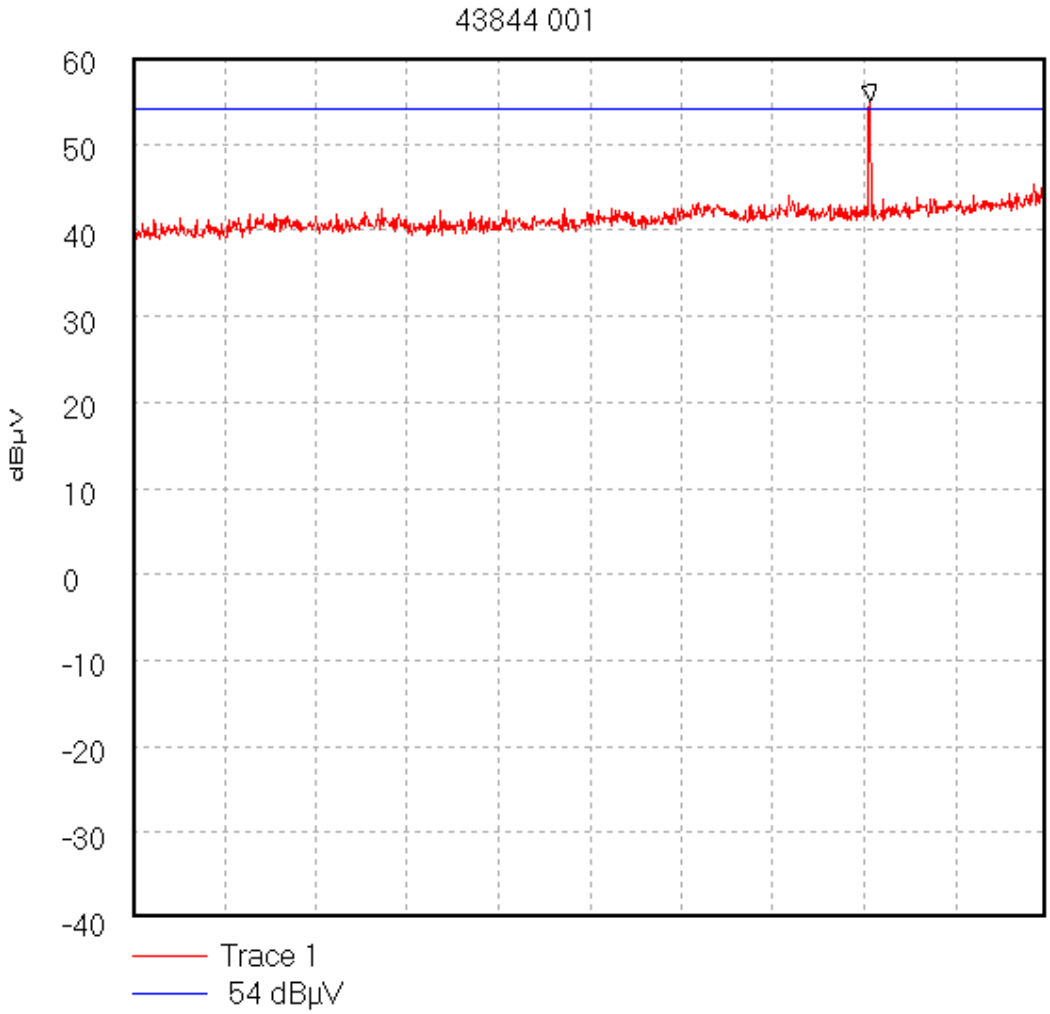
GPH\43844JD02\023
Spurious RF Conducted Emissions - Top Channel.



Start 10.0 GHz; Stop 26.0 GHz
Ref 20 dBm; Ref Offset 24.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 4.8 S
Peak 24.471 GHz, -40.36 dBm
Display Line: -2.51 dBm;
22/08/02 09:32:20

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

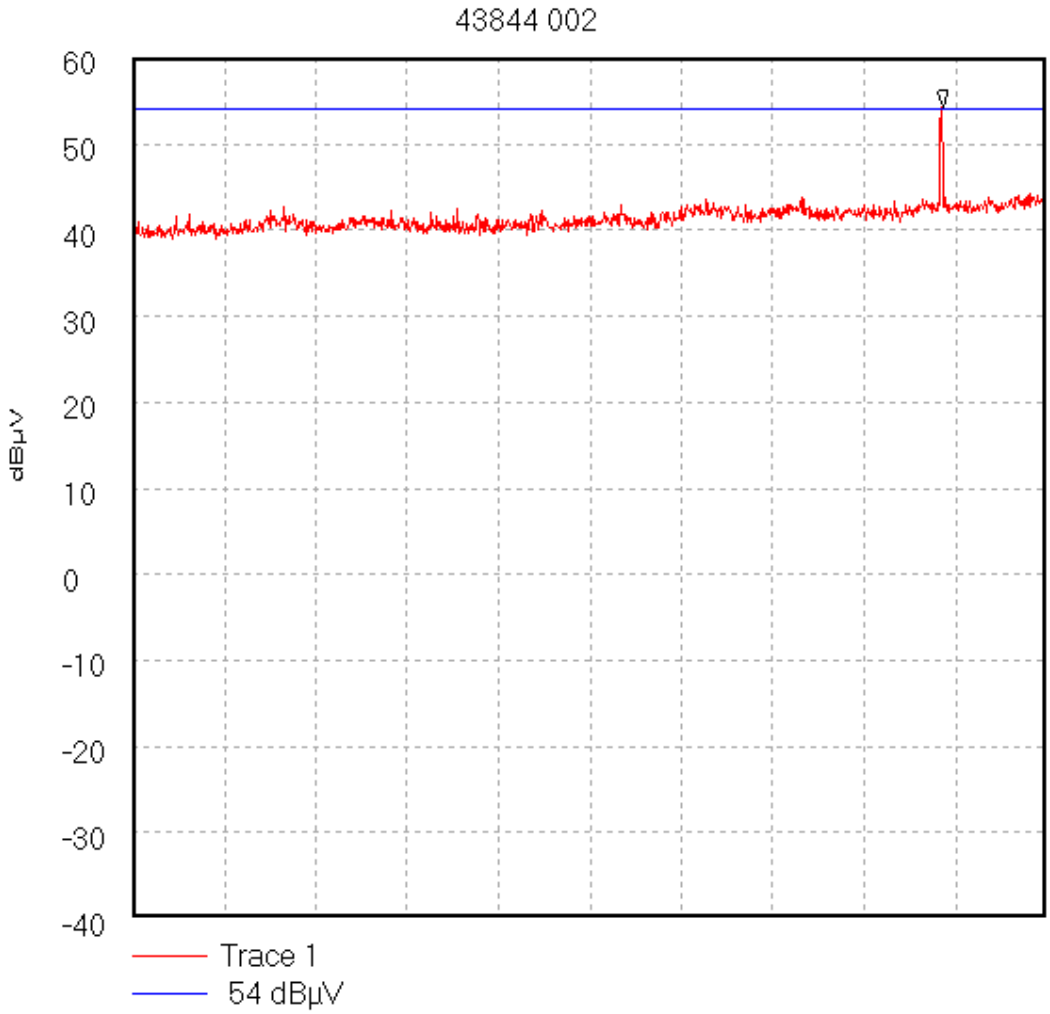
GPH\43844\001
Radiated Emissions - Bottom Channel (4.0 GHz to 5.0 GHz)



Start 4.0 GHz; Stop 5.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.807 GHz, 54.9 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 11:54:46 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

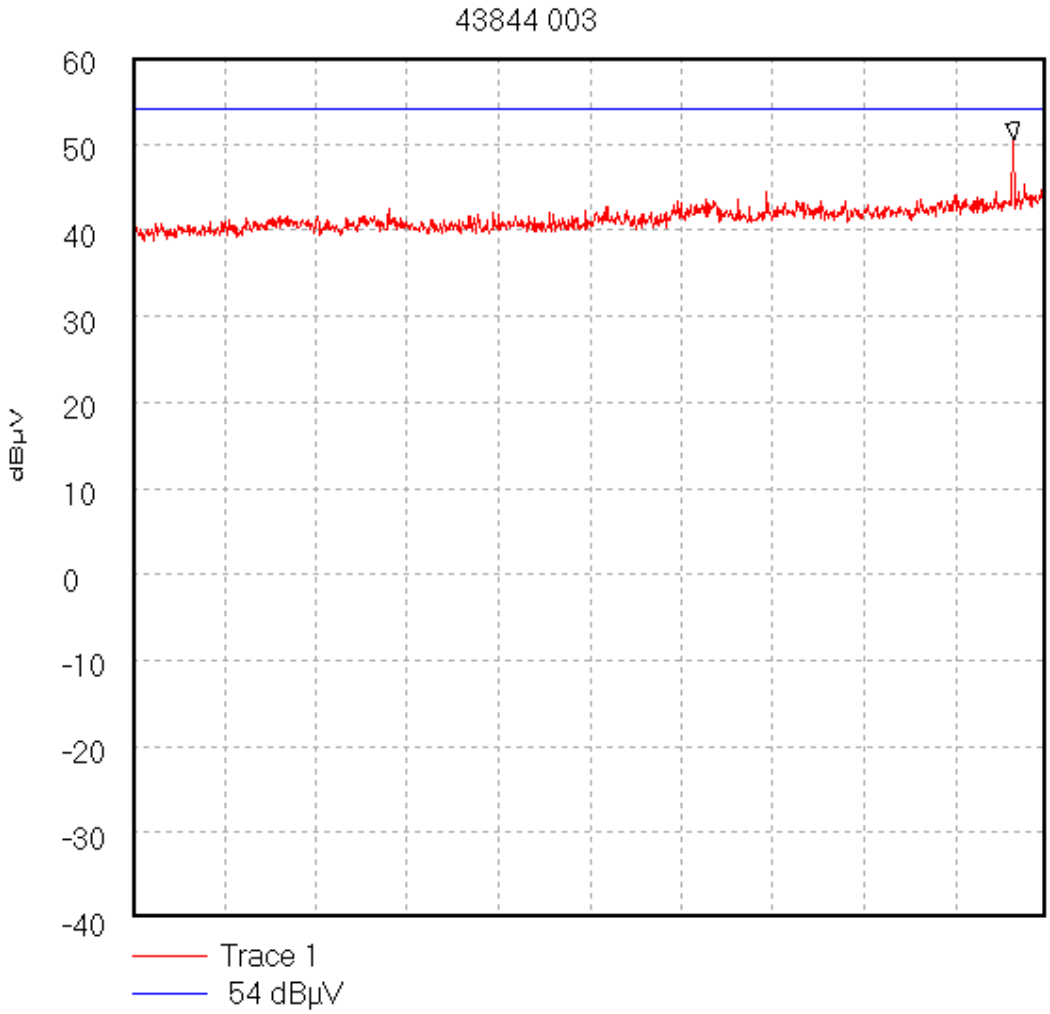
GPH\43844\002
Radiated Emissions - Middle Channel (4.0 GHz to 5.0 GHz)



Start 4.0 GHz; Stop 5.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.886 GHz, 54.32 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 11:58:19 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

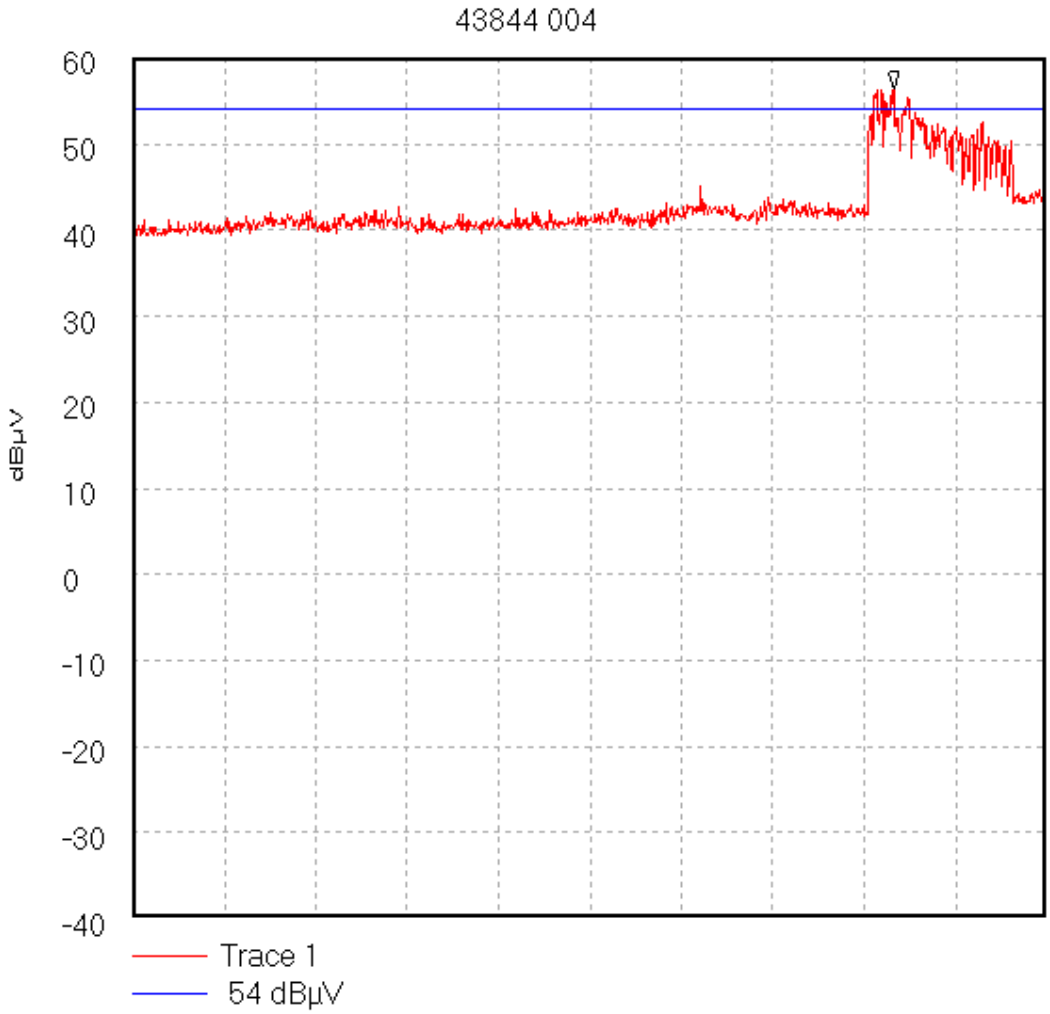
GPH\43844\003
Radiated Emissions - Top Channel (4.0 GHz to 5.0 GHz)



Start 4.0 GHz; Stop 5.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.964 GHz, 50.46 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/15/02 12:02:09 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

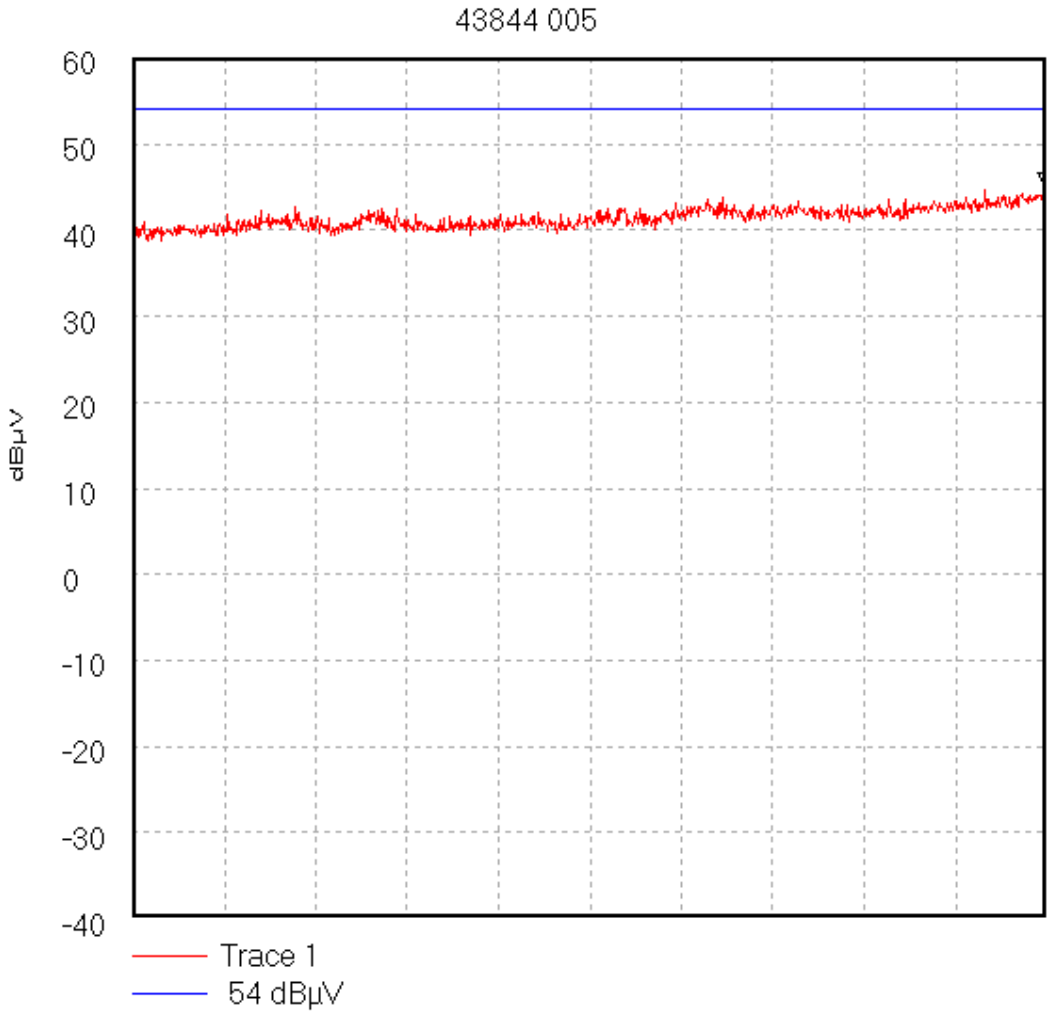
GPH\43844\004
Radiated Emissions – Hopping Mode (4.0 GHz to 5.0 GHz)



Start 4.0 GHz; Stop 5.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.833 GHz, 56.4 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 12:08:24 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

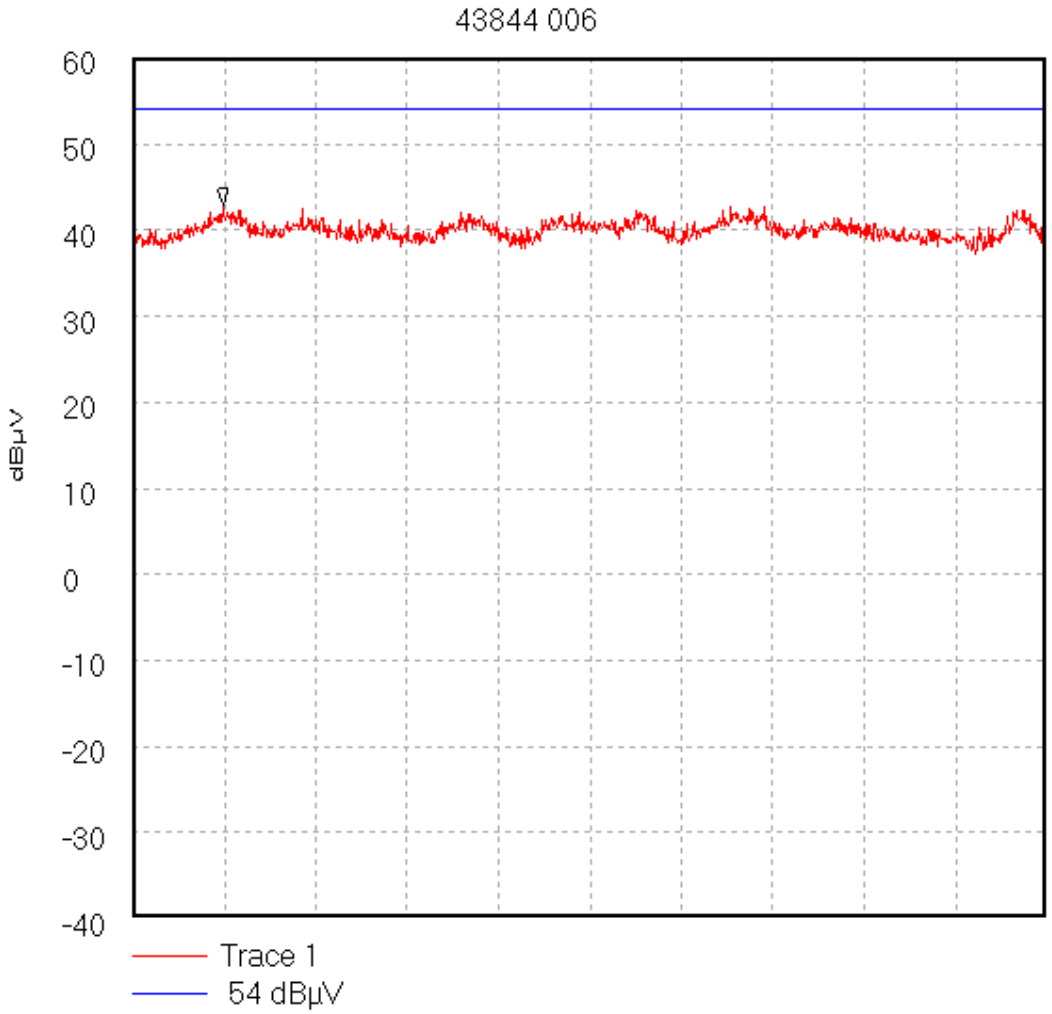
GPH\43844\005
Radiated Emissions - Receive Mode (4.0 GHz to 5.0 GHz)



Start 4.0 GHz; Stop 5.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.999 GHz, 44.77 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/15/02 12:13:50 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

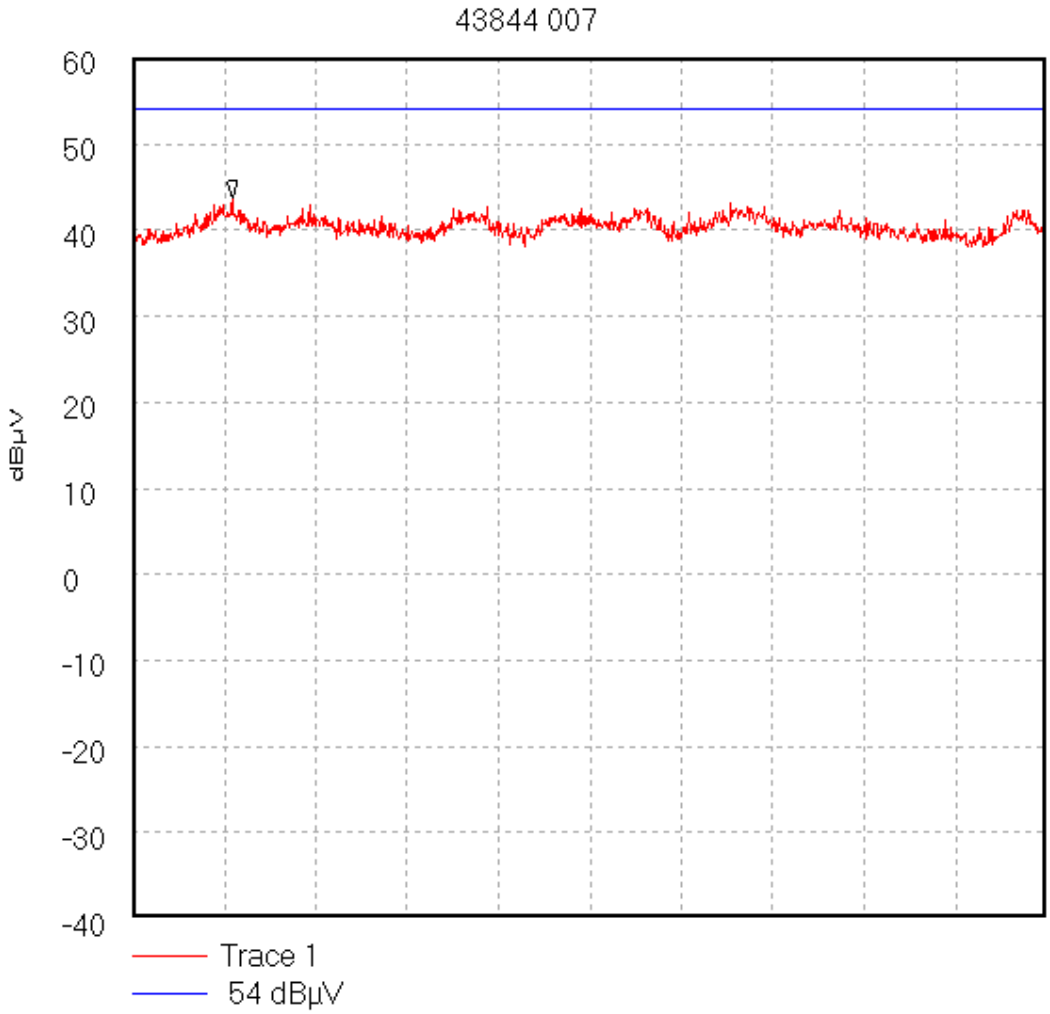
GPH\43844\006
Radiated Emissions - Receive Mode (5.0 GHz to 6.0 GHz)



Start 5.0 GHz; Stop 6.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 5.099 GHz, 42.86 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/15/02 1:09:34 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

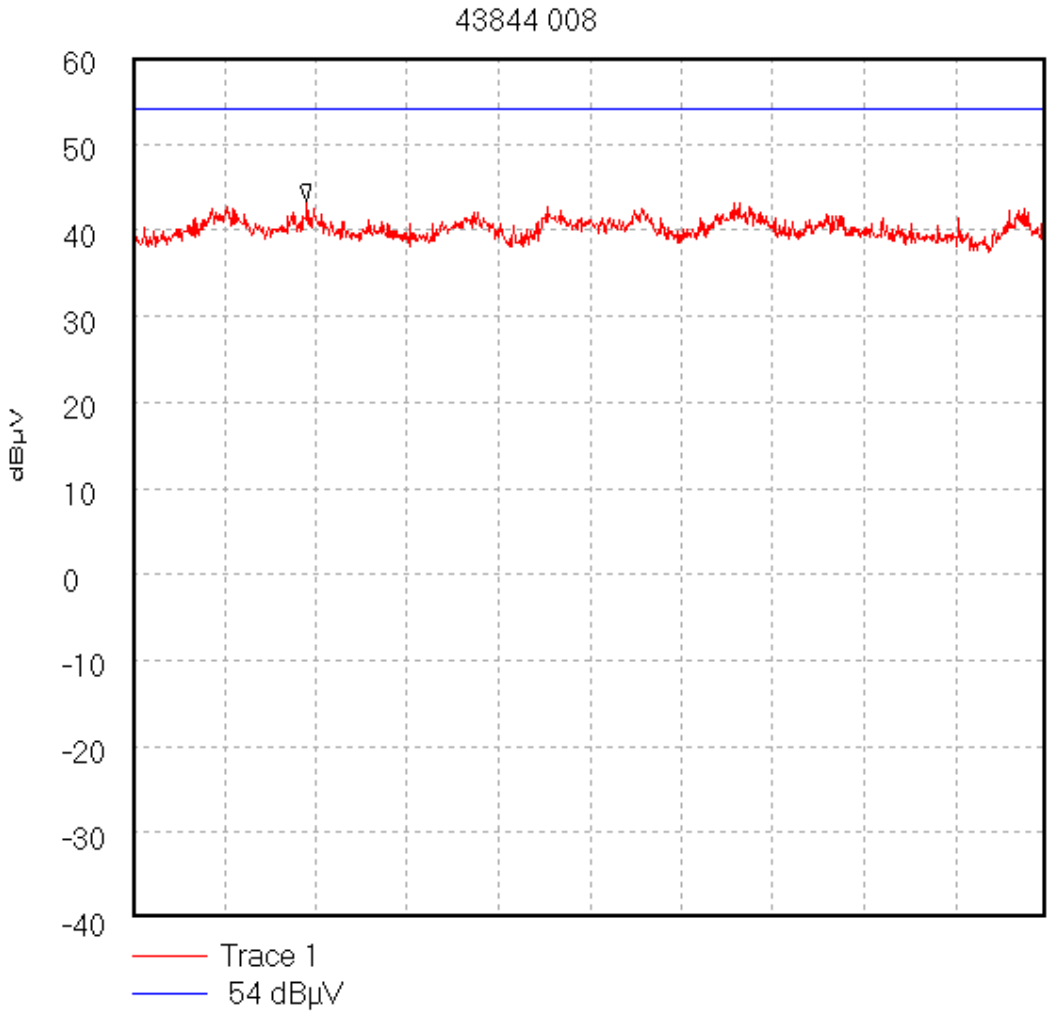
GPH\43844\007
Radiated Emissions - Hopping Mode (5.0 GHz to 6.0 GHz)



Start 5.0 GHz; Stop 6.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 5.109 GHz, 43.7 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/15/02 1:12:40 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

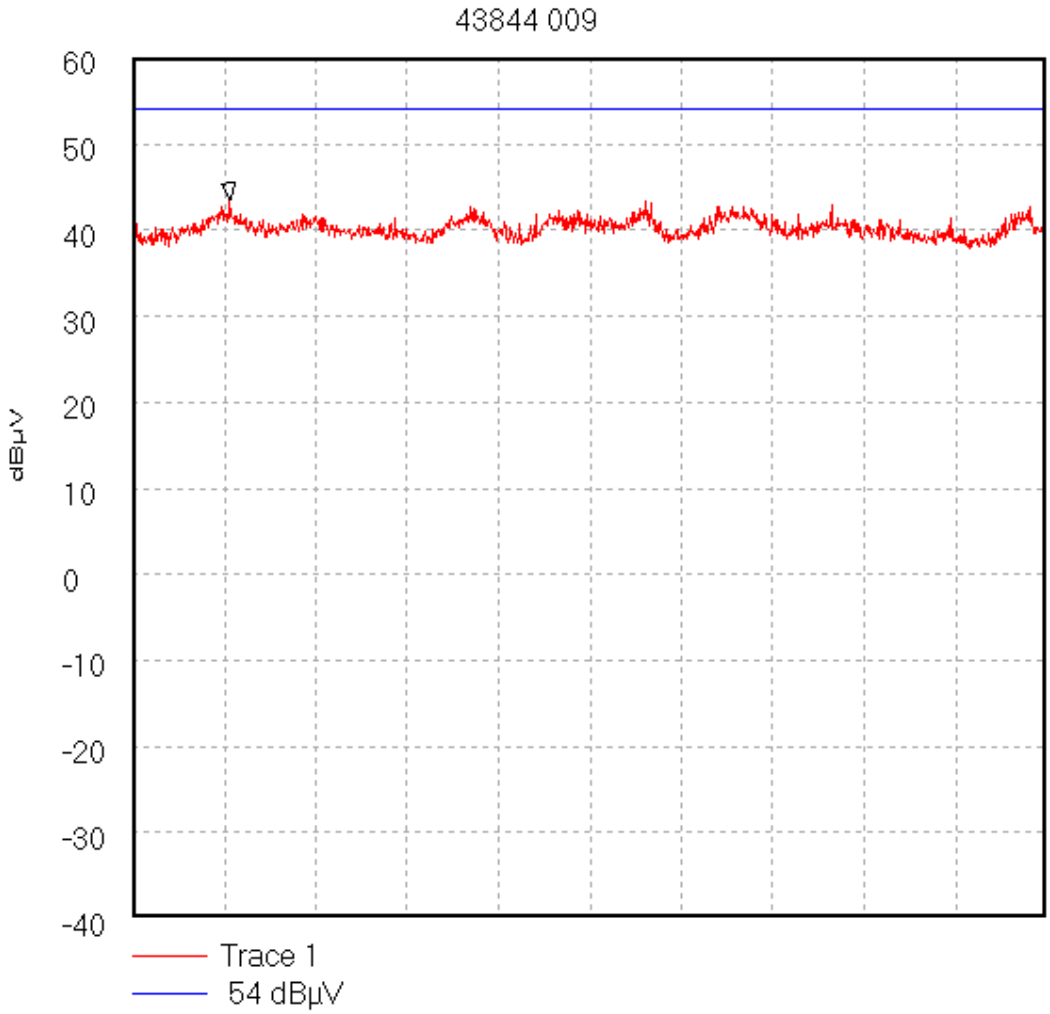
GPH\43844\008
Radiated Emissions – Top Channel (5.0 GHz to 6.0 GHz)



Start 5.0 GHz; Stop 6.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 5.19 GHz, 43.45 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/15/02 1:14:50 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

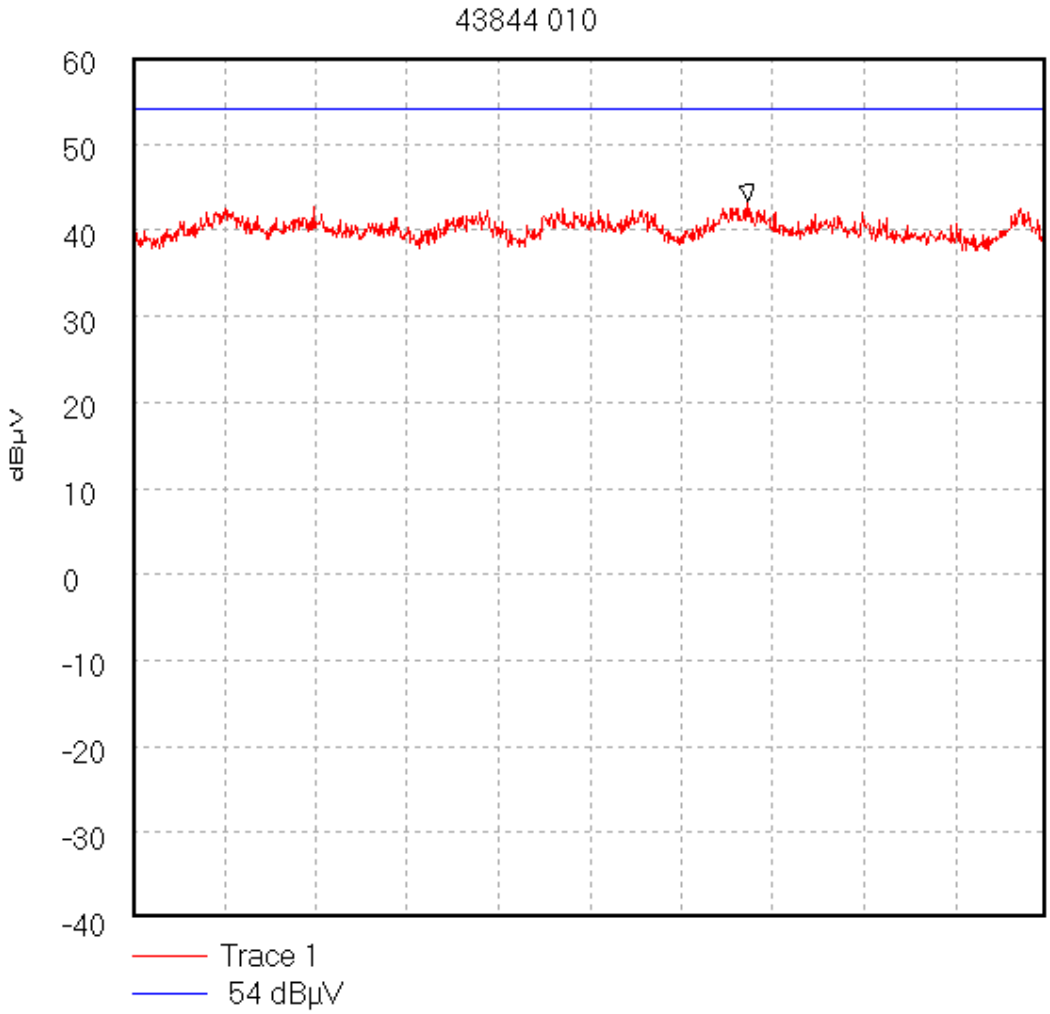
GPH\43844\009
Radiated Emissions – Middle Channel (5.0 GHz to 6.0 GHz)



Start 5.0 GHz; Stop 6.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 5.106 GHz, 43.47 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/15/02 1:17:29 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

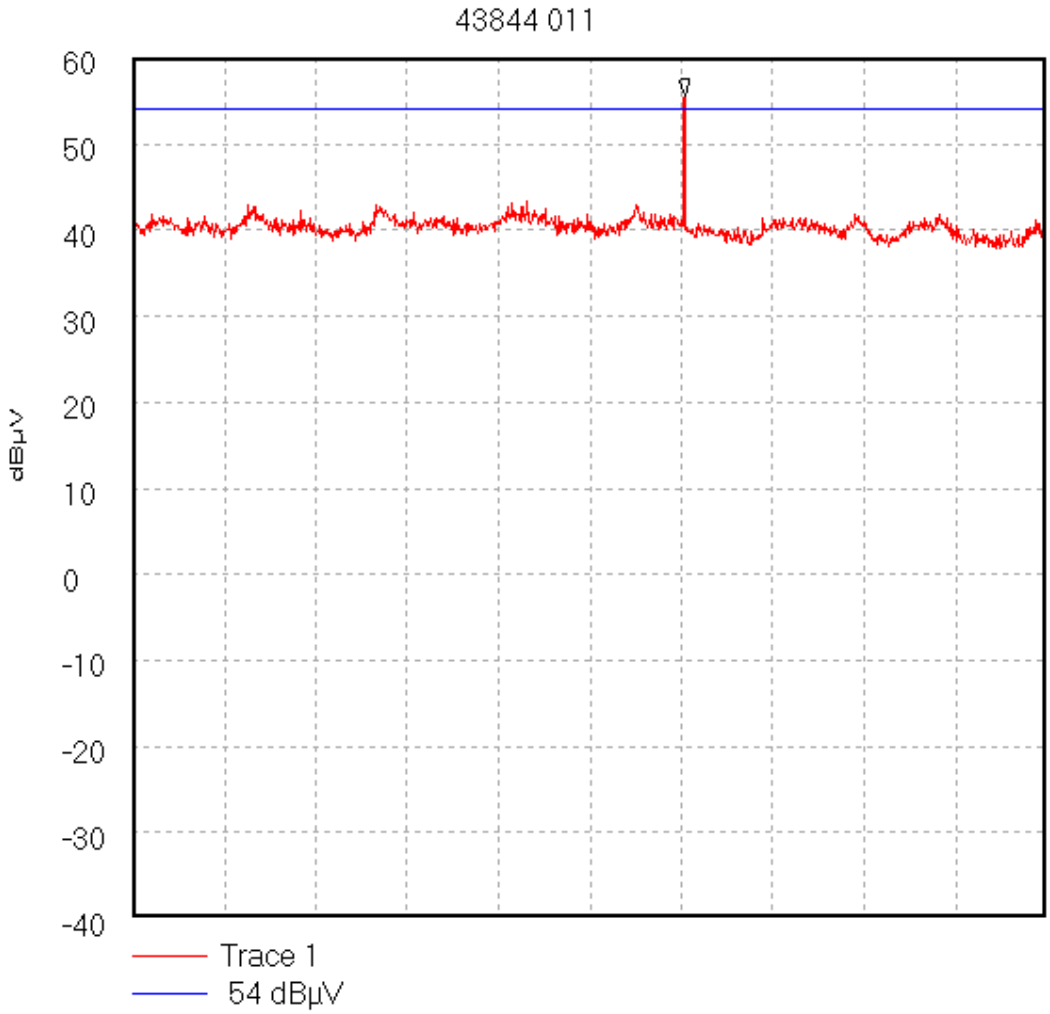
GPH\43844\010
Radiated Emissions – Bottom Channel (5.0 GHz to 6.0 GHz)



Start 5.0 GHz; Stop 6.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 5.673 GHz, 43.45 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/15/02 1:20:08 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

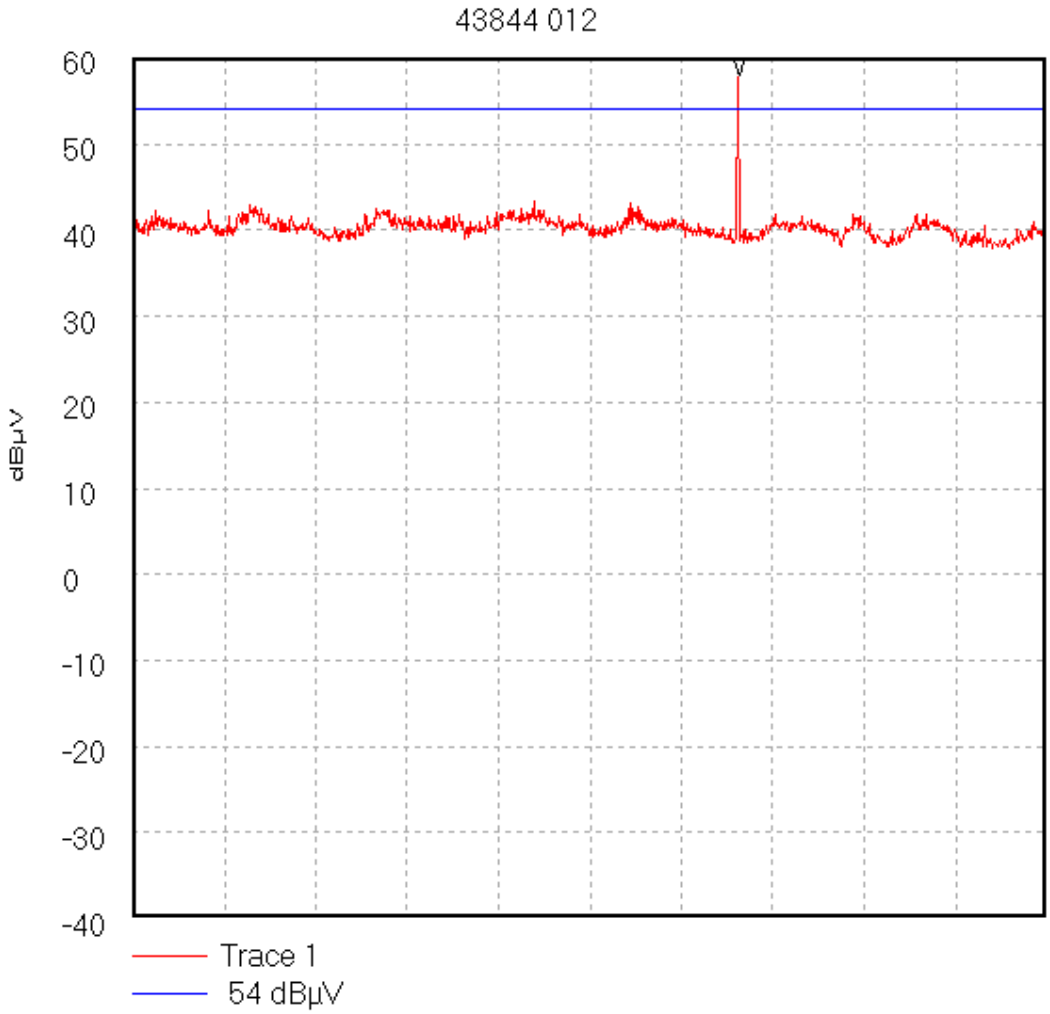
GPH\43844\011
Radiated Emissions – Bottom Channel (6.0 GHz to 8.0 GHz)



Start 6.0 GHz; Stop 8.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 7.209 GHz, 55.64 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 1:26:47 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

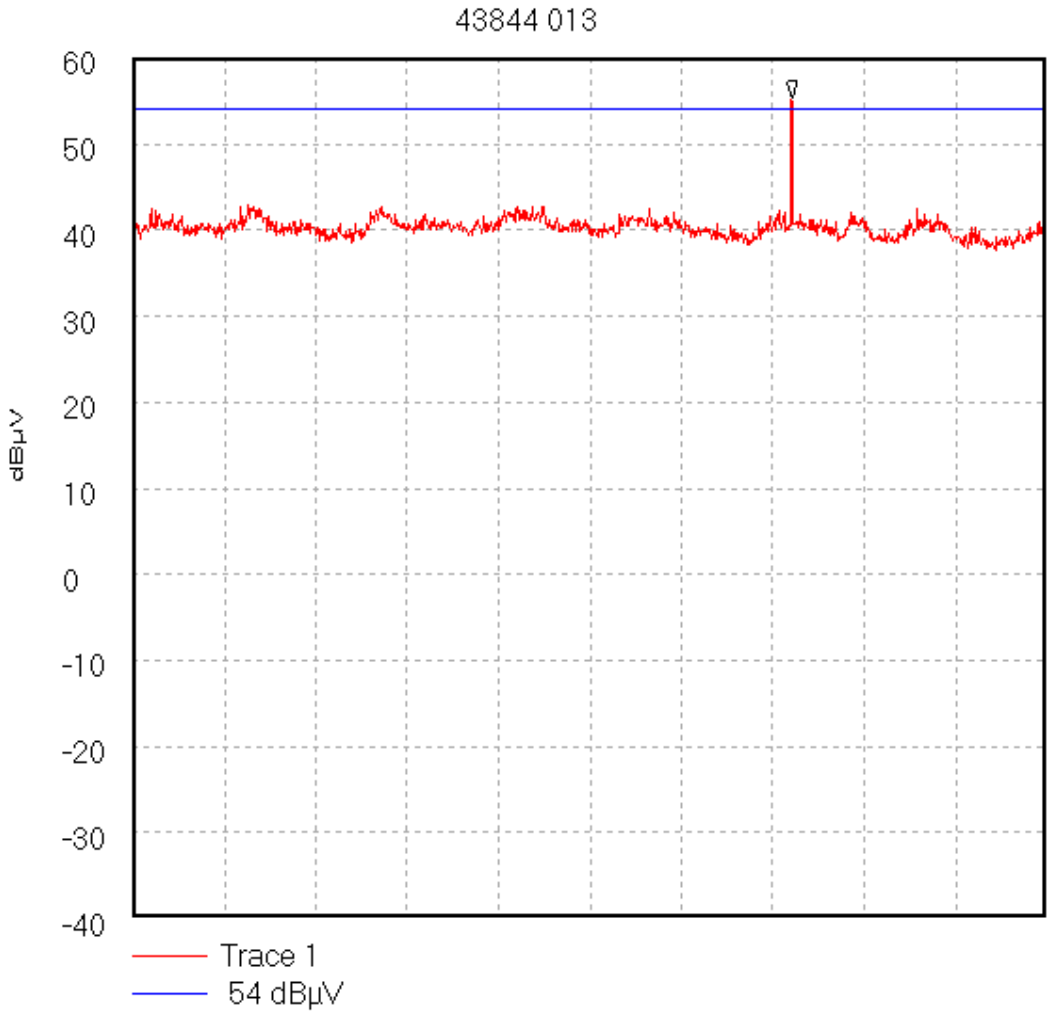
GPH\43844\012
Radiated Emissions – Middle Channel (6.0 GHz to 8.0 GHz)



Start 6.0 GHz; Stop 8.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 7.327 GHz, 57.92 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 1:29:50 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

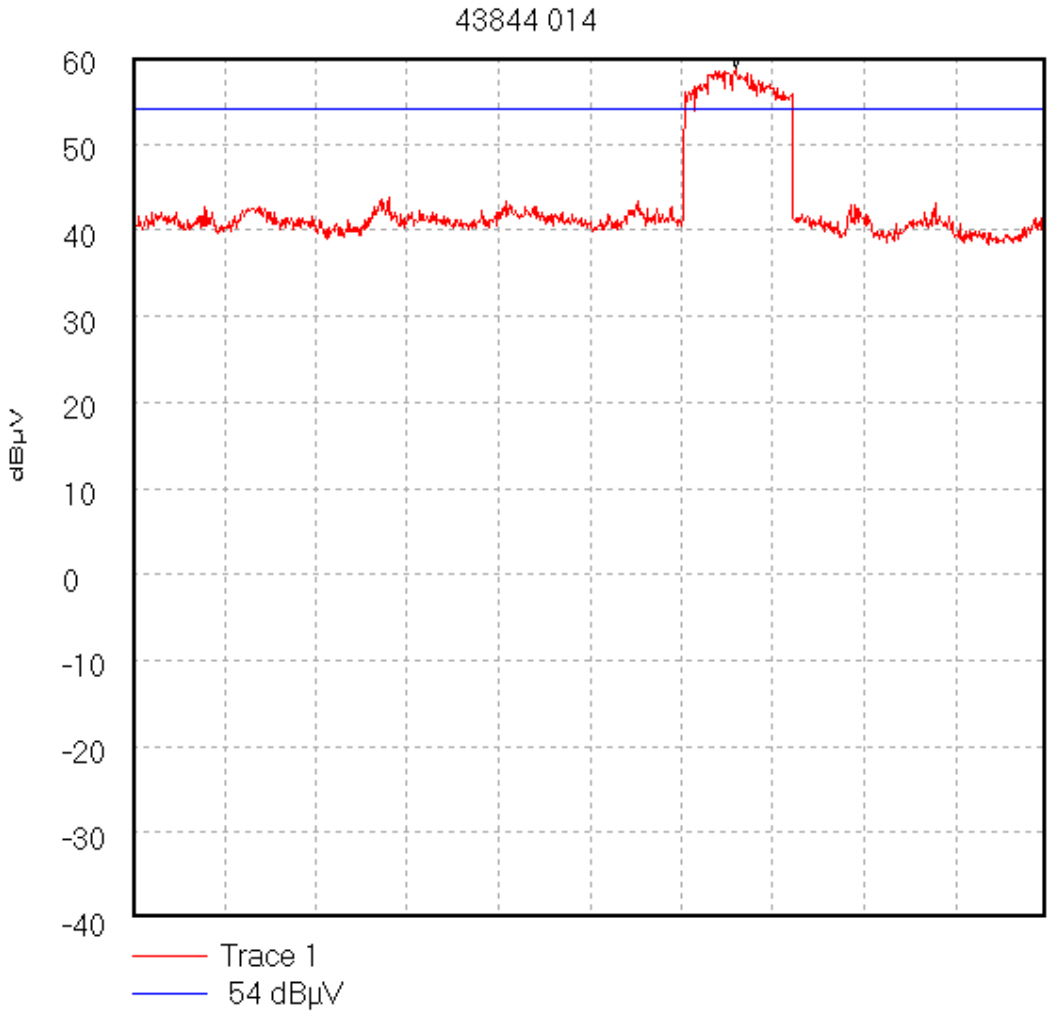
GPH\43844\013
Radiated Emissions – Top Channel (6.0 GHz to 8.0 GHz)



Start 6.0 GHz; Stop 8.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 7.442 GHz, 55.28 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 1:32:02 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

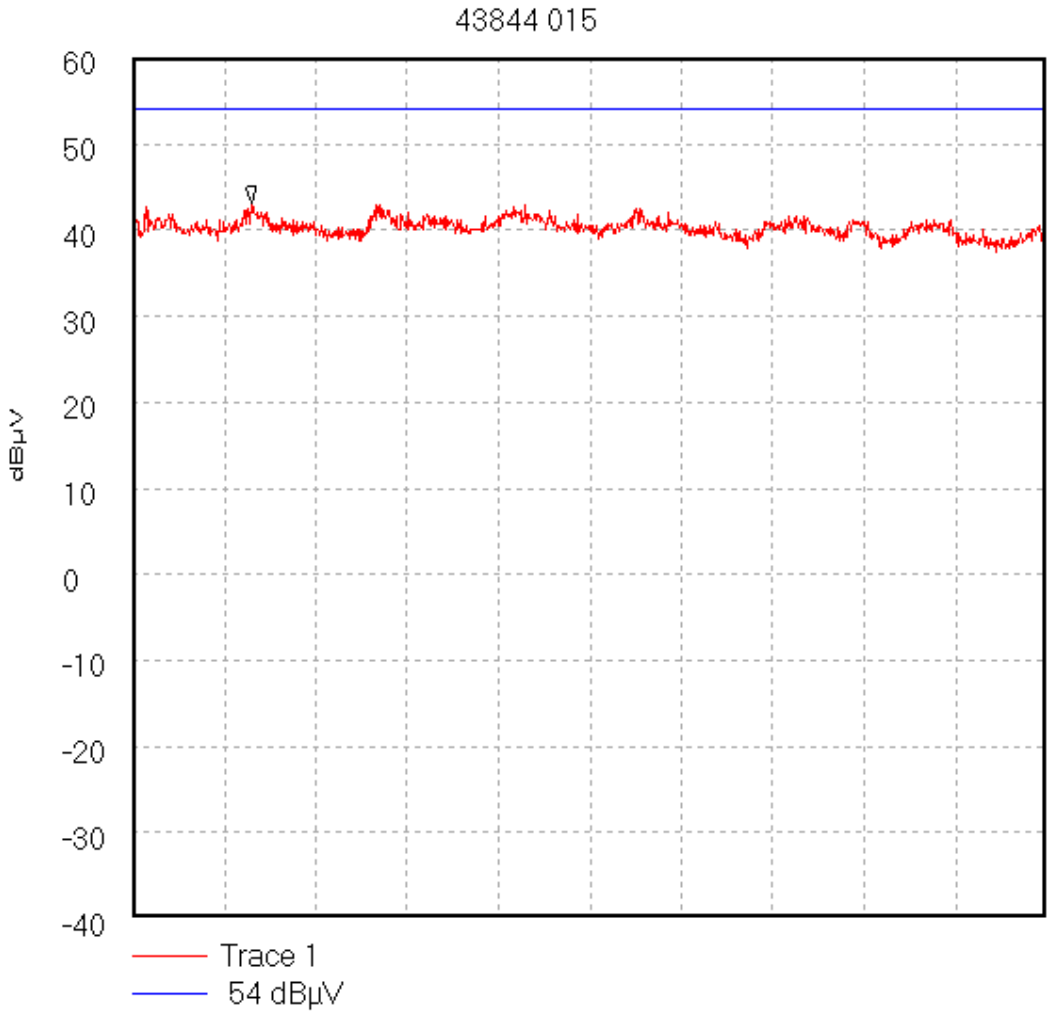
GPH\43844\014
Radiated Emissions – Hopping Mode (6.0 GHz to 8.0 GHz)



Start 6.0 GHz; Stop 8.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 7.32 GHz, 58.81 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 1:41:17 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

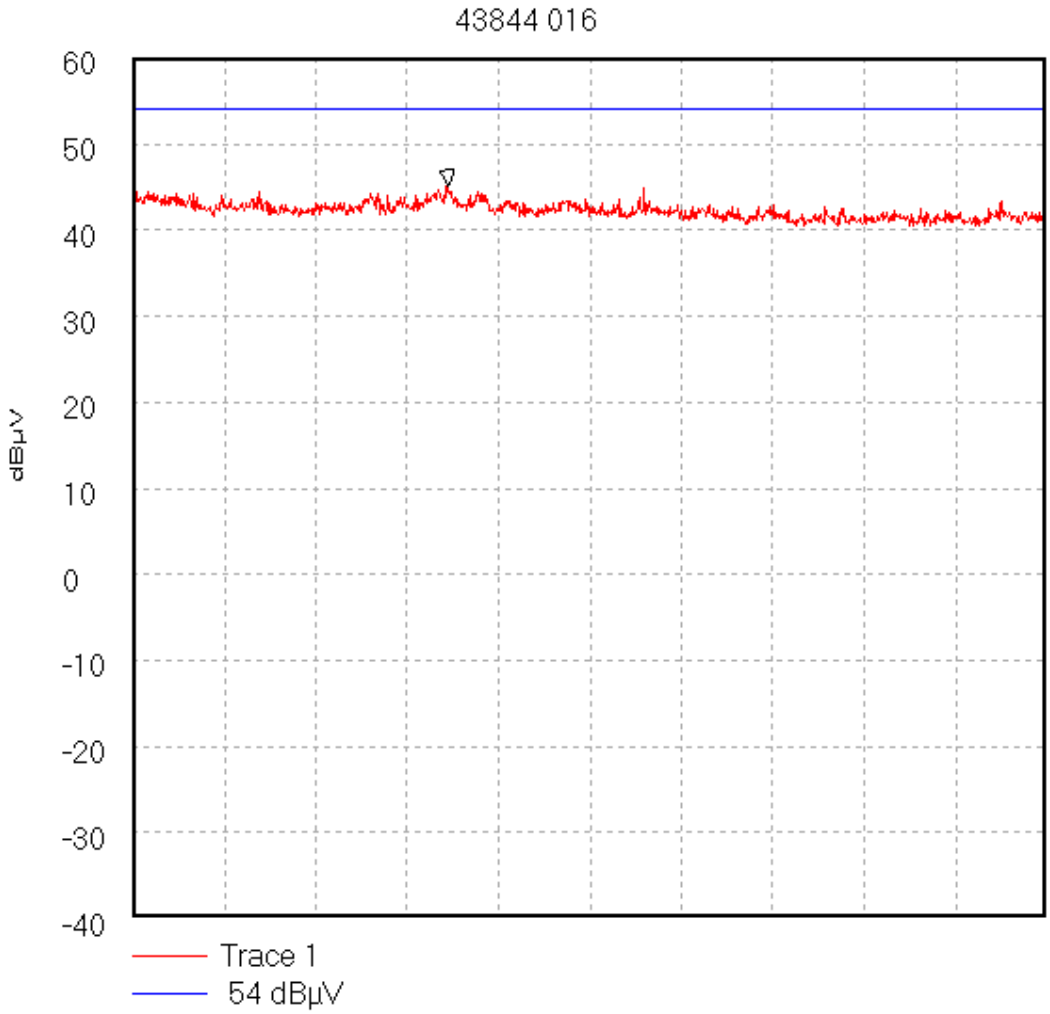
GPH\43844\015
Radiated Emissions – Receive Mode (6.0 GHz to 8.0 GHz)



Start 6.0 GHz; Stop 8.0 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 6.26 GHz, 43.12 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/15/02 1:44:22 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

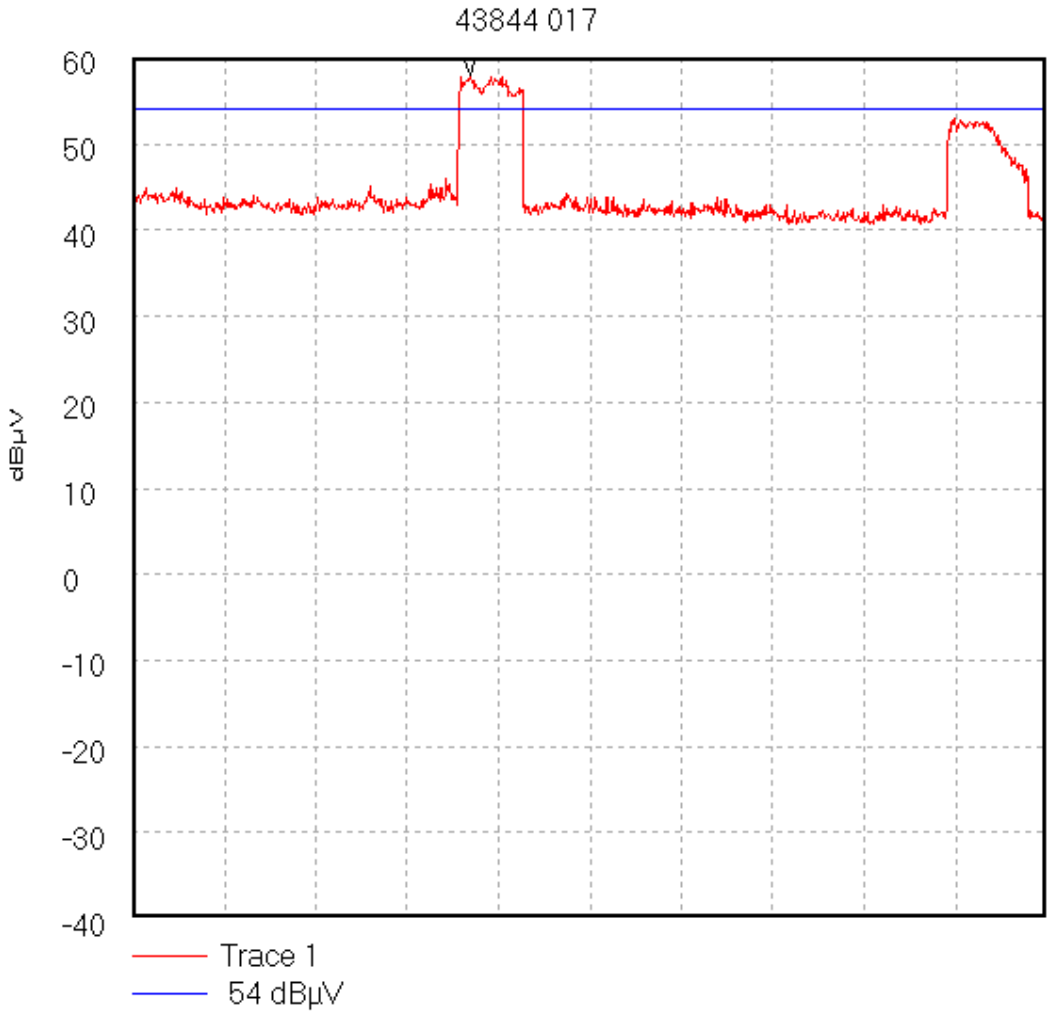
GPH\43844\016
Radiated Emissions – Receive Mode (8.0 GHz to 12.5 GHz)



Start 8.0 GHz; Stop 12.5 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 9.555 GHz, 45.18 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/15/02 1:54:50 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

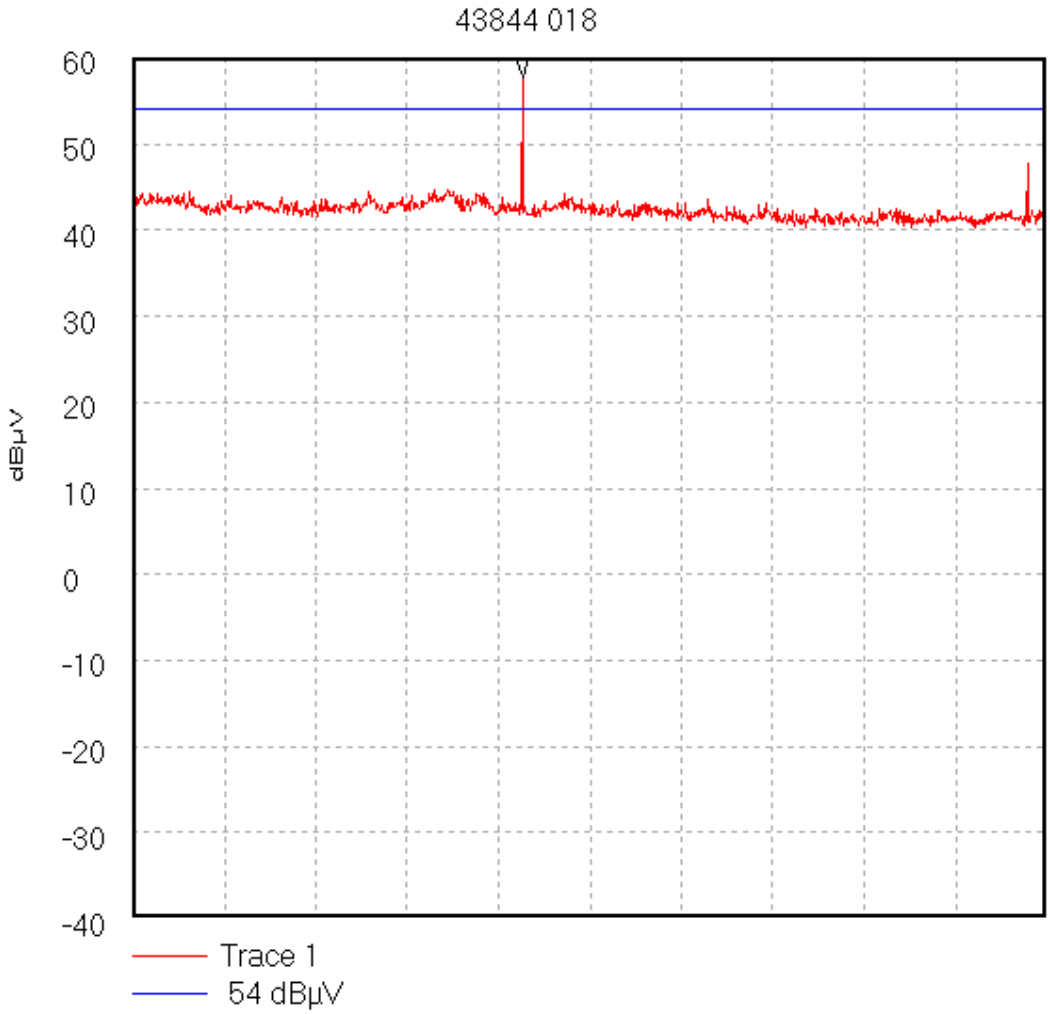
GPH\43844\017
Radiated Emissions – Hopping Mode (8.0 GHz to 12.5 GHz)



Start 8.0 GHz; Stop 12.5 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 9.66 GHz, 58.02 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 2:01:42 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

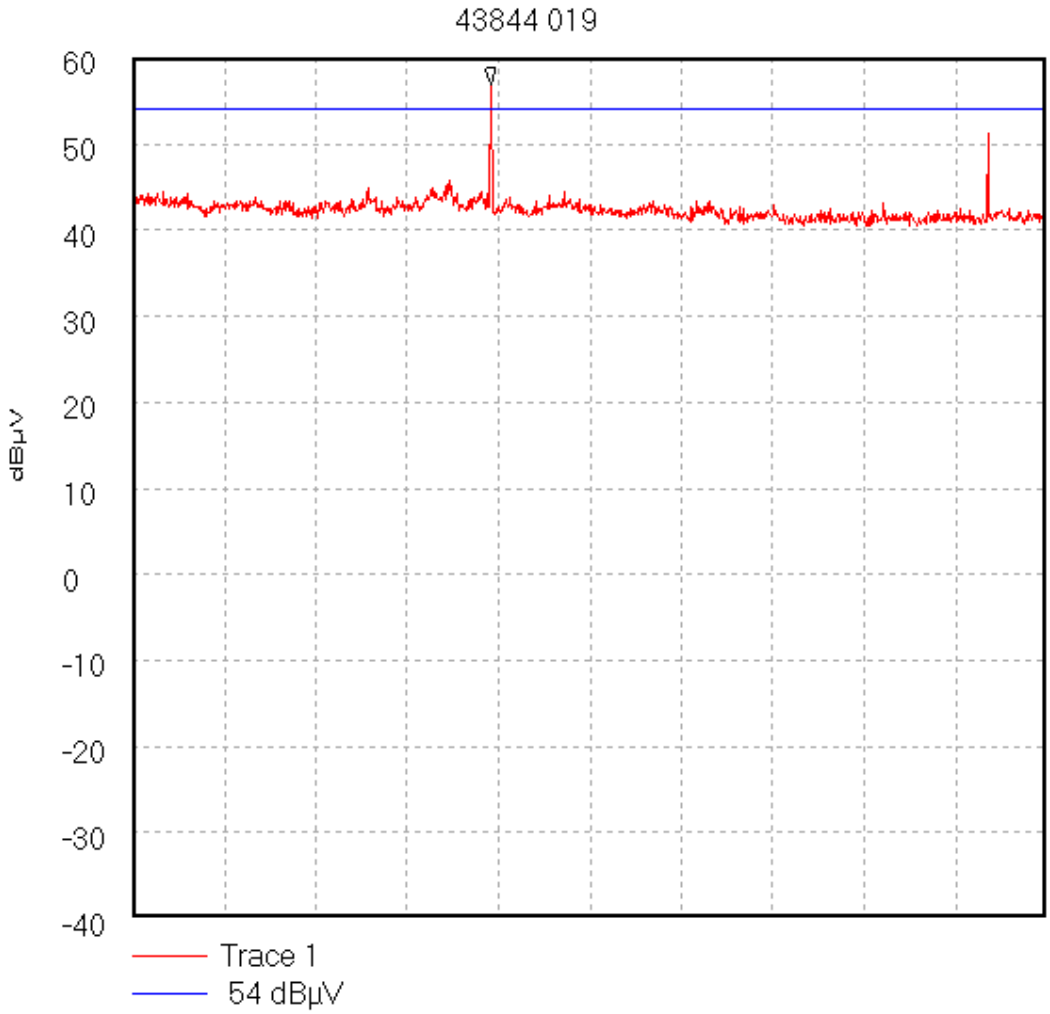
GPH\43844\018
Radiated Emissions – Top Channel (8.0 GHz to 12.5 GHz)



Start 8.0 GHz; Stop 12.5 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 9.92 GHz, 57.82 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 3:01:12 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

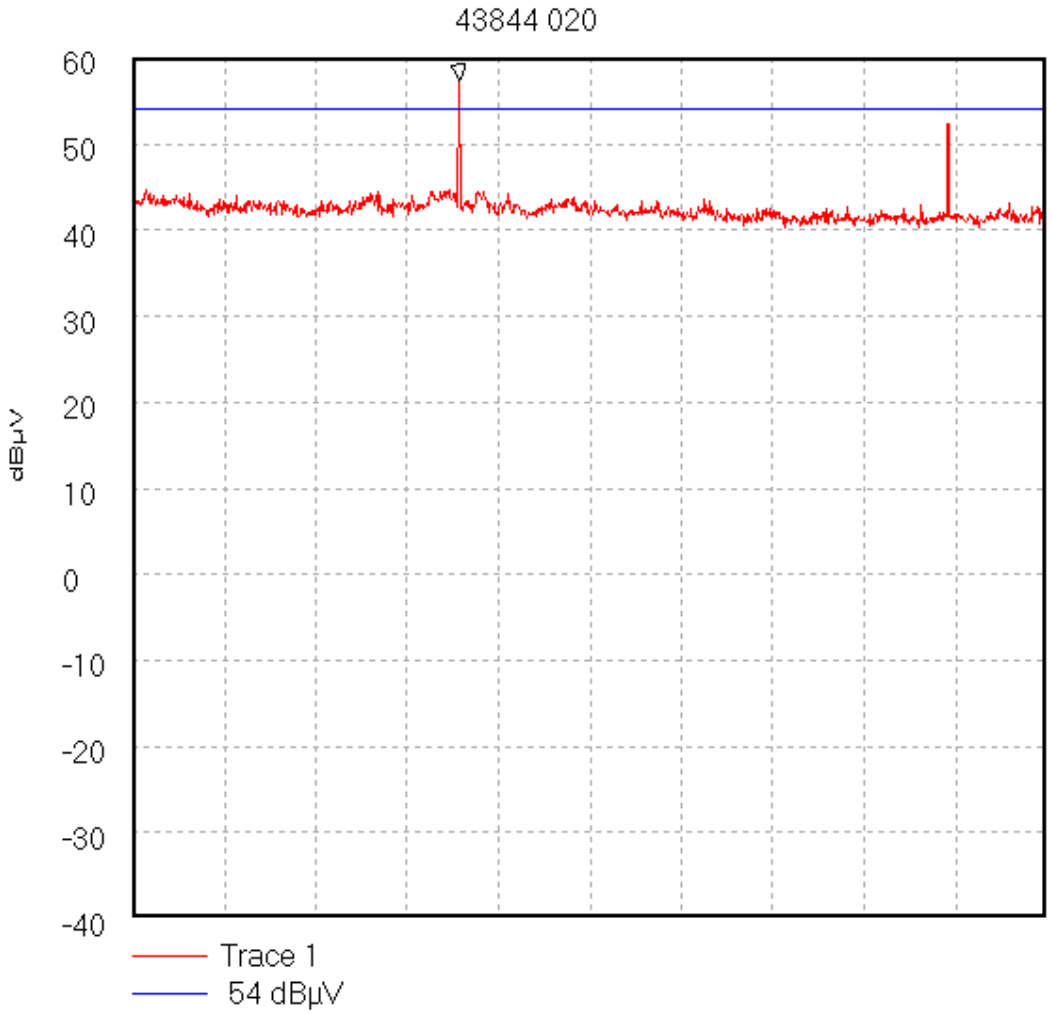
GPH\43844\019
Radiated Emissions – Middle Channel (8.0 GHz to 12.5 GHz)



Start 8.0 GHz; Stop 12.5 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 9.765 GHz, 56.88 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 3:12:36 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

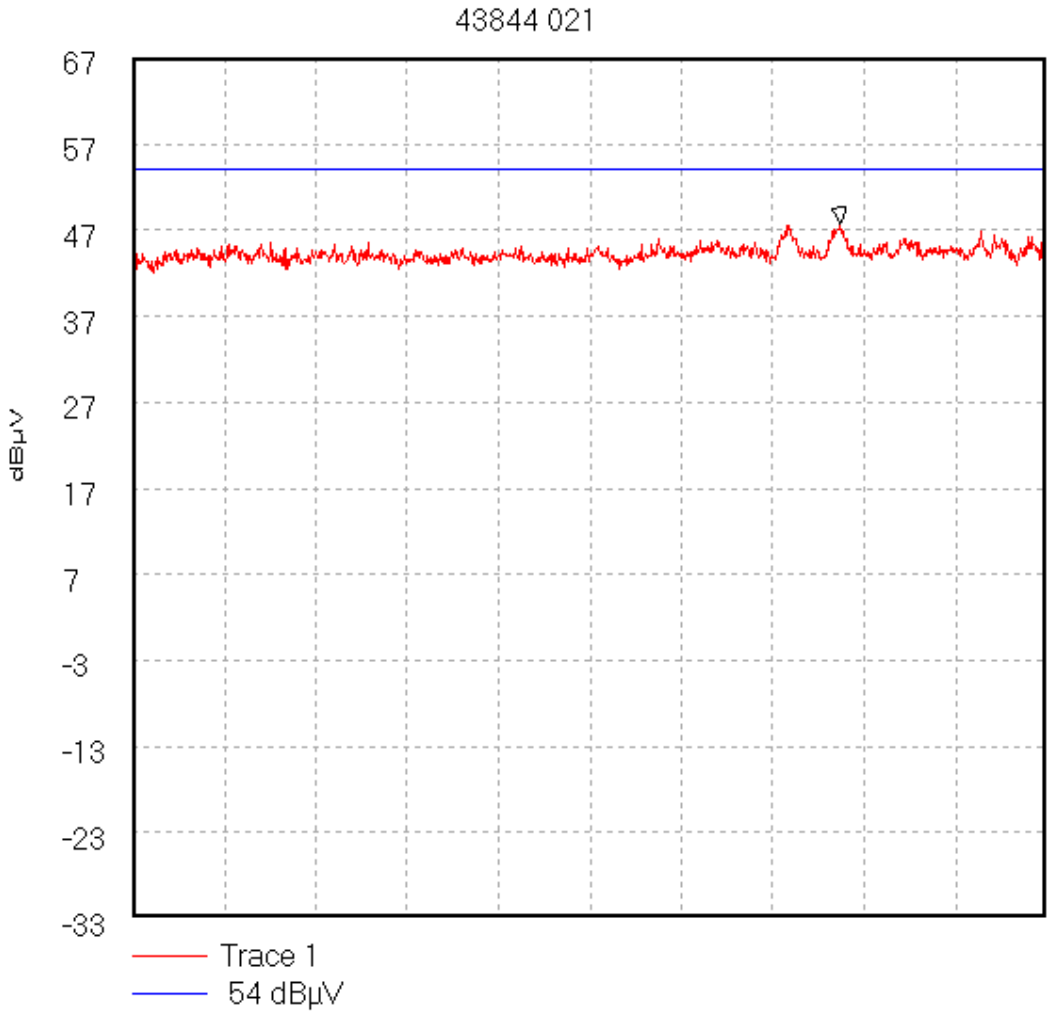
GPH\43844\020
Radiated Emissions – Bottom Channel (8.0 GHz to 12.5 GHz)



Start 8.0 GHz; Stop 12.5 GHz
Ref 60 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 9.61 GHz, 57.44 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/15/02 3:29:26 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

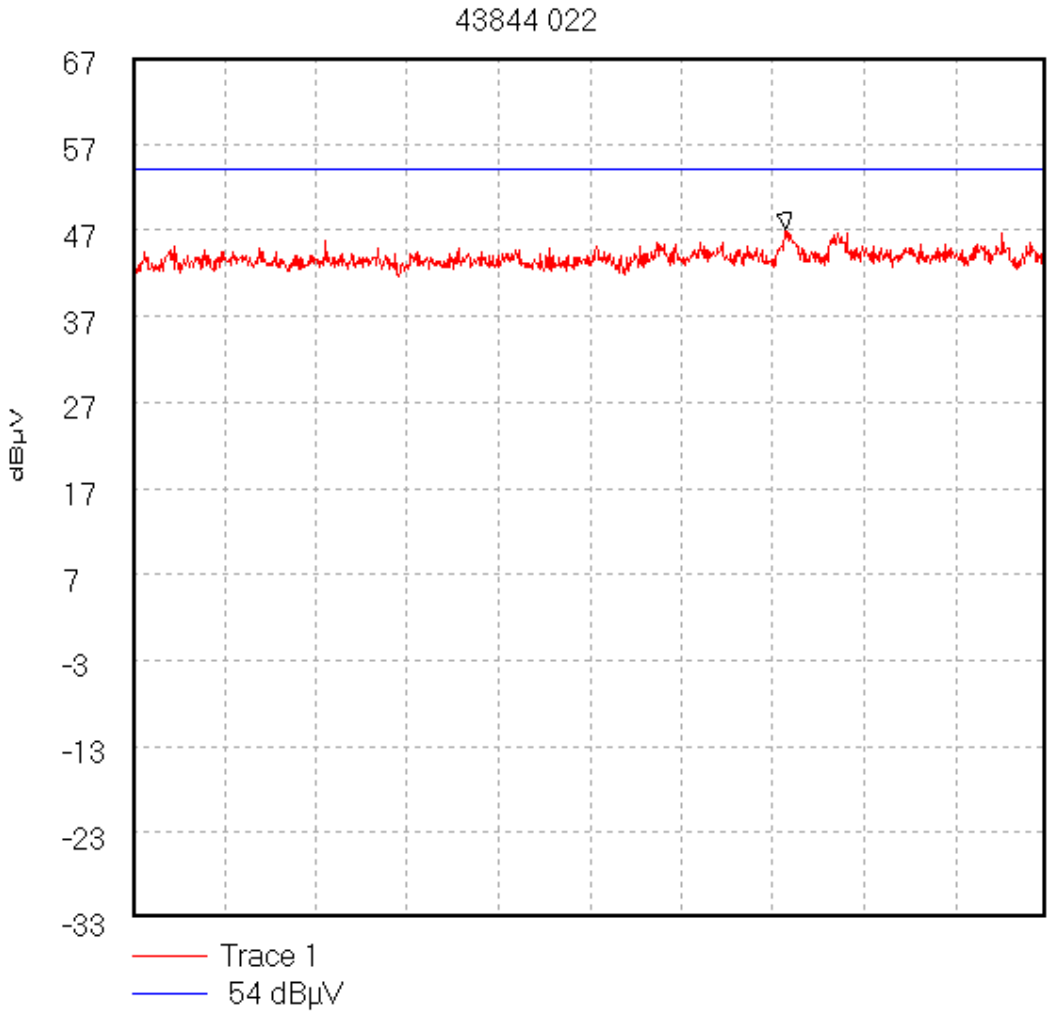
GPH\43844\021
Radiated Emissions – Bottom Channel (18.1 GHz to 26.5 GHz)



Start 18.1 GHz; Stop 26.5 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 24.605 GHz, 47.76 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 9:40:53 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

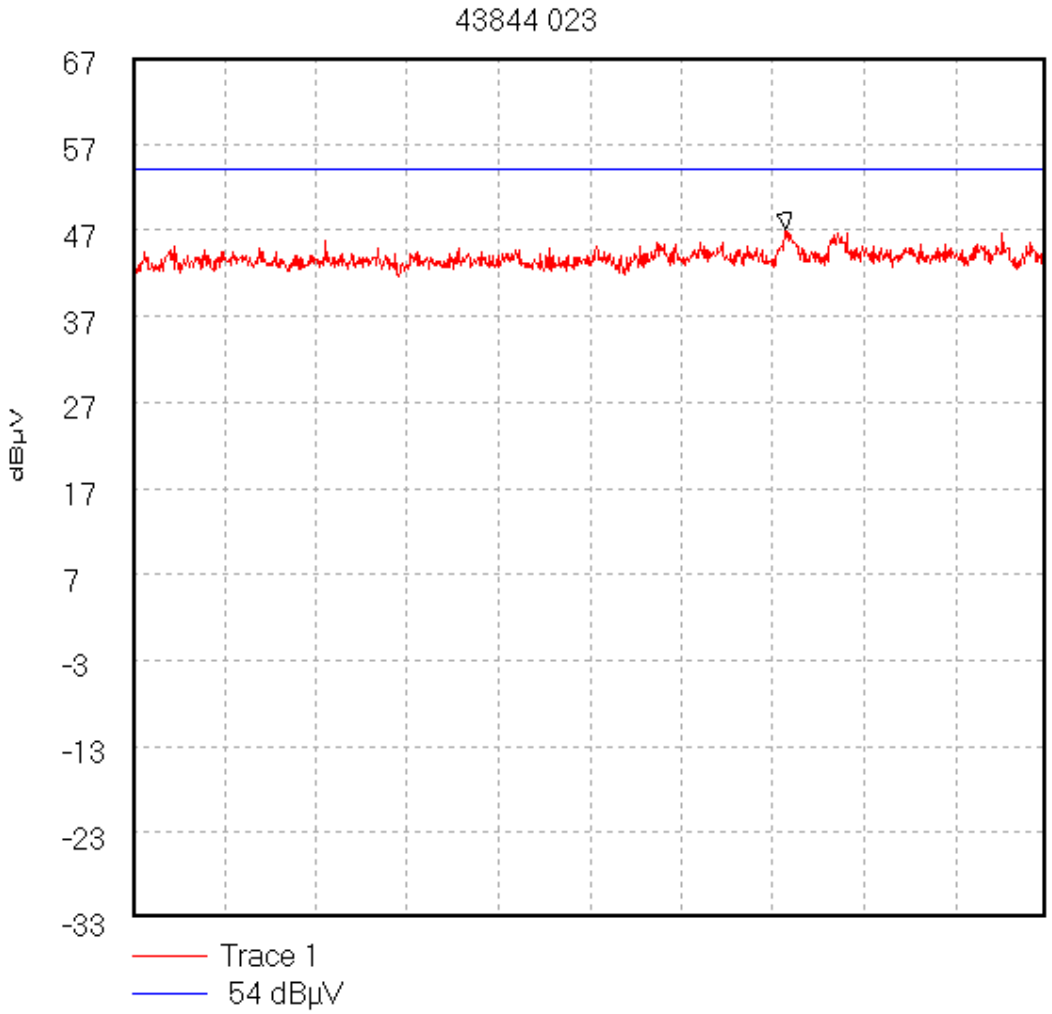
GPH\43844\022
Radiated Emissions – Bottom Channel (18.1 GHz to 26.5 GHz)



Start 18.1 GHz; Stop 26.5 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 24.101 GHz, 47.02 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 9:42:05 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

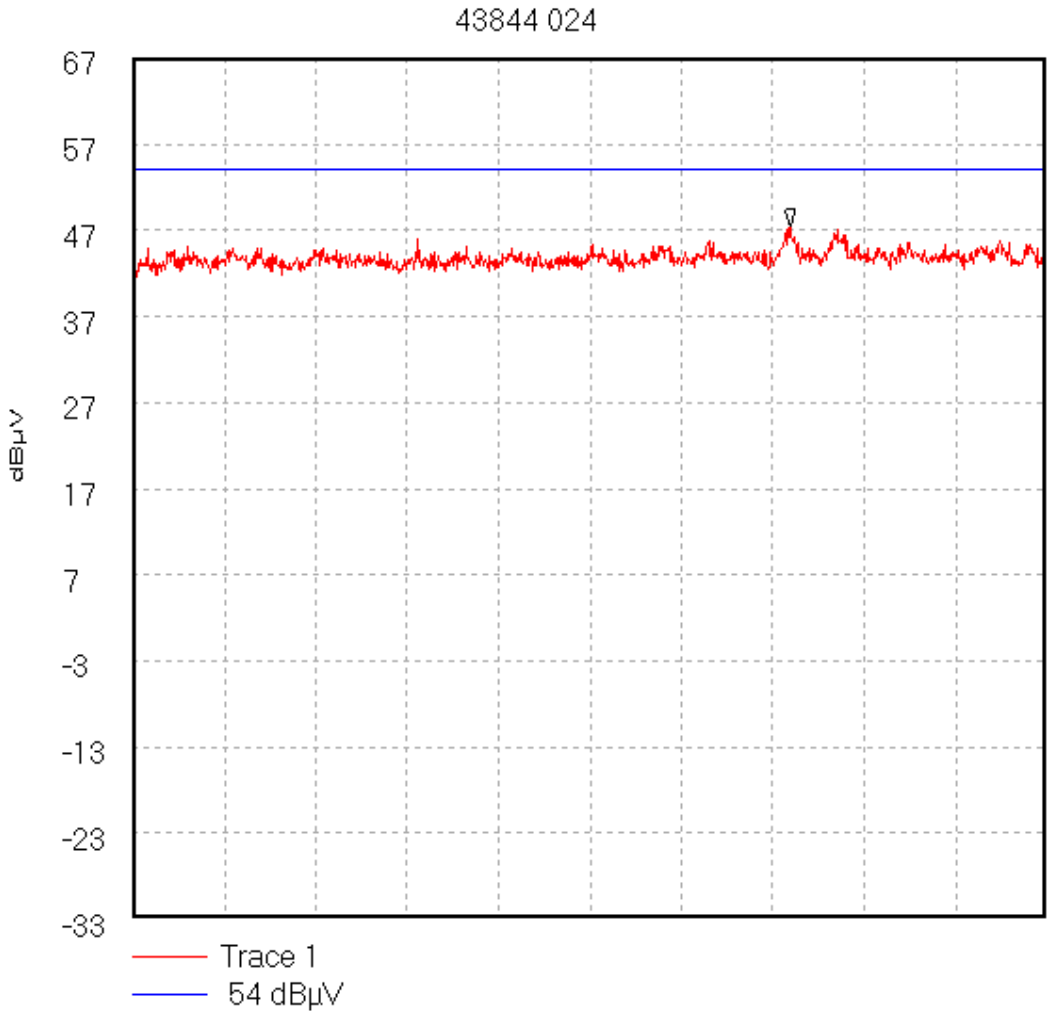
GPH\43844\023
Radiated Emissions – Middle Channel (18.1 GHz to 26.5 GHz)



Start 18.1 GHz; Stop 26.5 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 24.101 GHz, 47.02 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 9:42:24 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

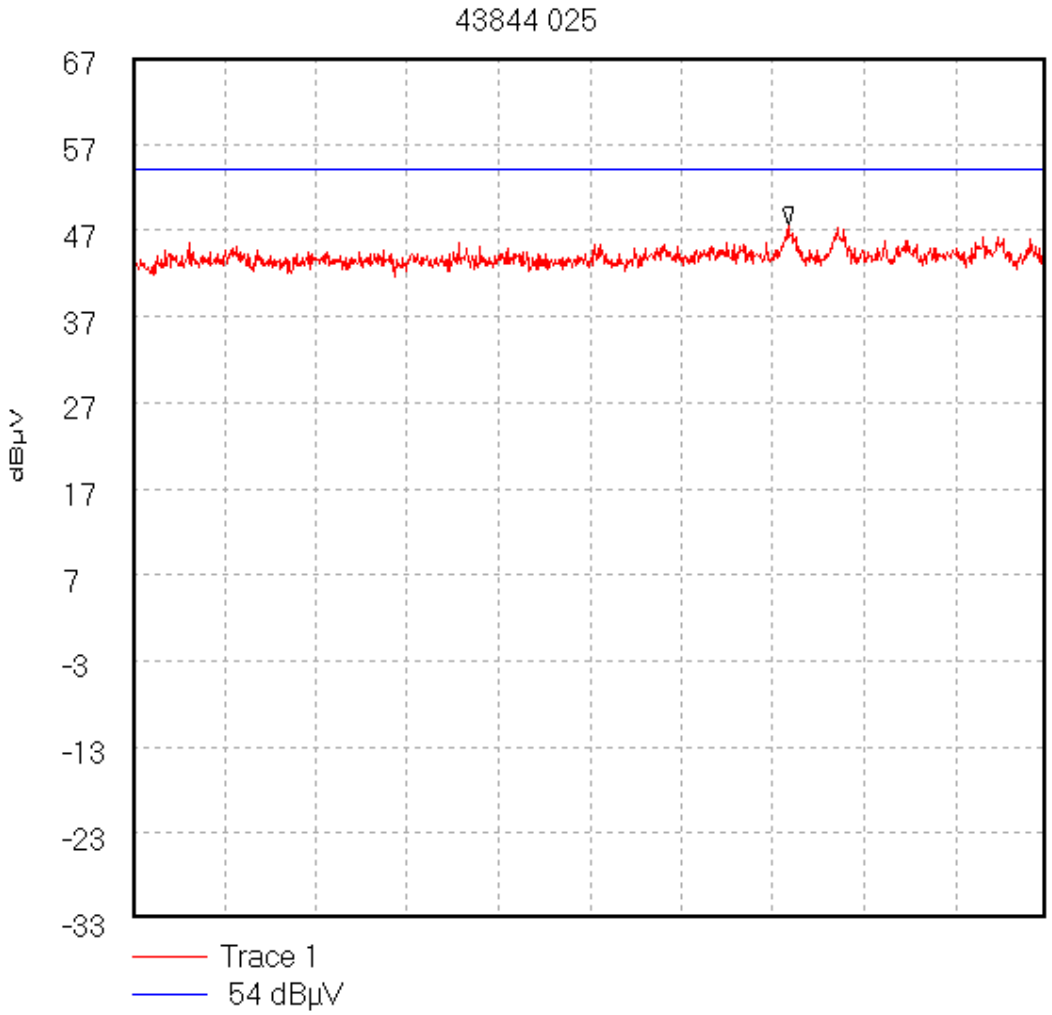
GPH\43844\024
Radiated Emissions – Top Channel (18.1 GHz to 26.5 GHz)



Start 18.1 GHz; Stop 26.5 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 24.148 GHz, 47.4 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 9:43:10 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

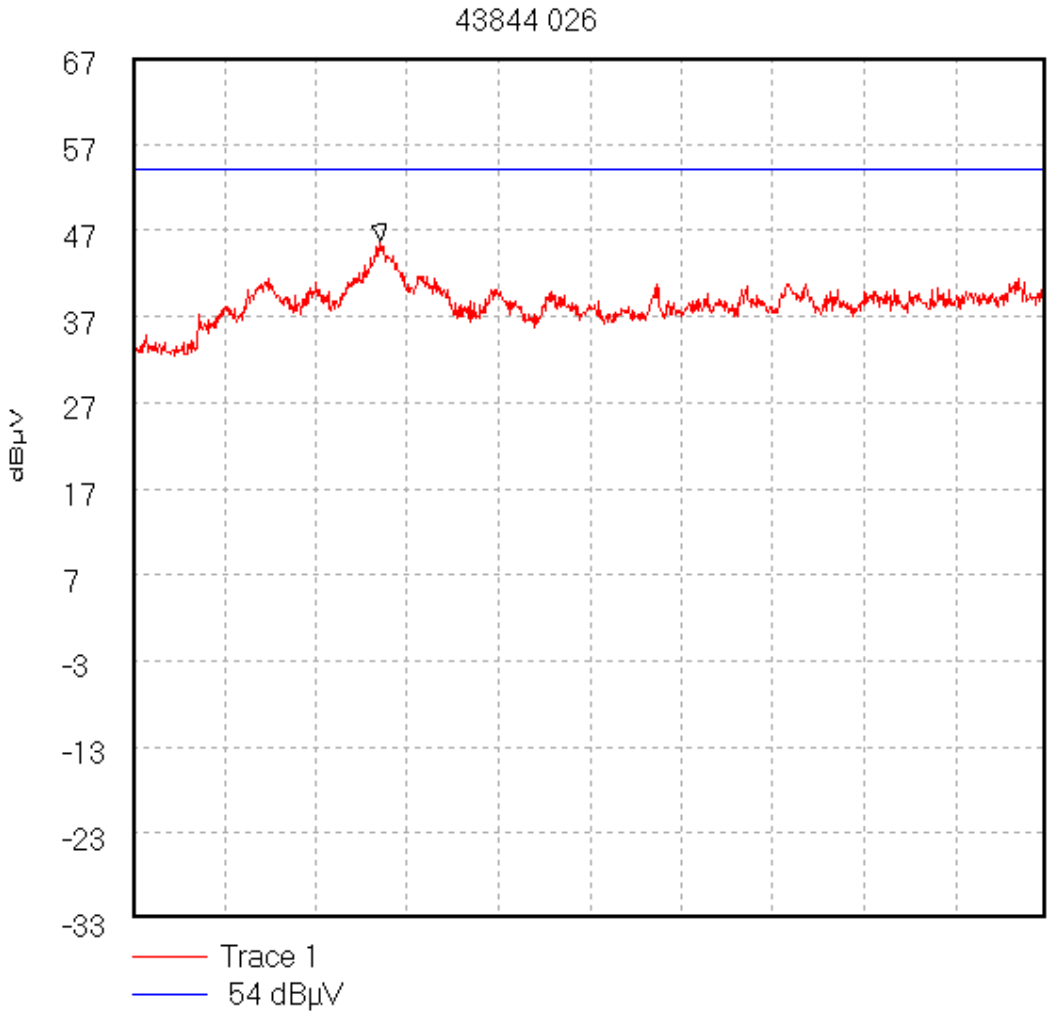
GPH\43844\025
Radiated Emissions – Hopping Mode (18.1 GHz to 26.5 GHz)



Start 18.1 GHz; Stop 26.5 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 24.129 GHz, 47.63 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 9:43:59 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

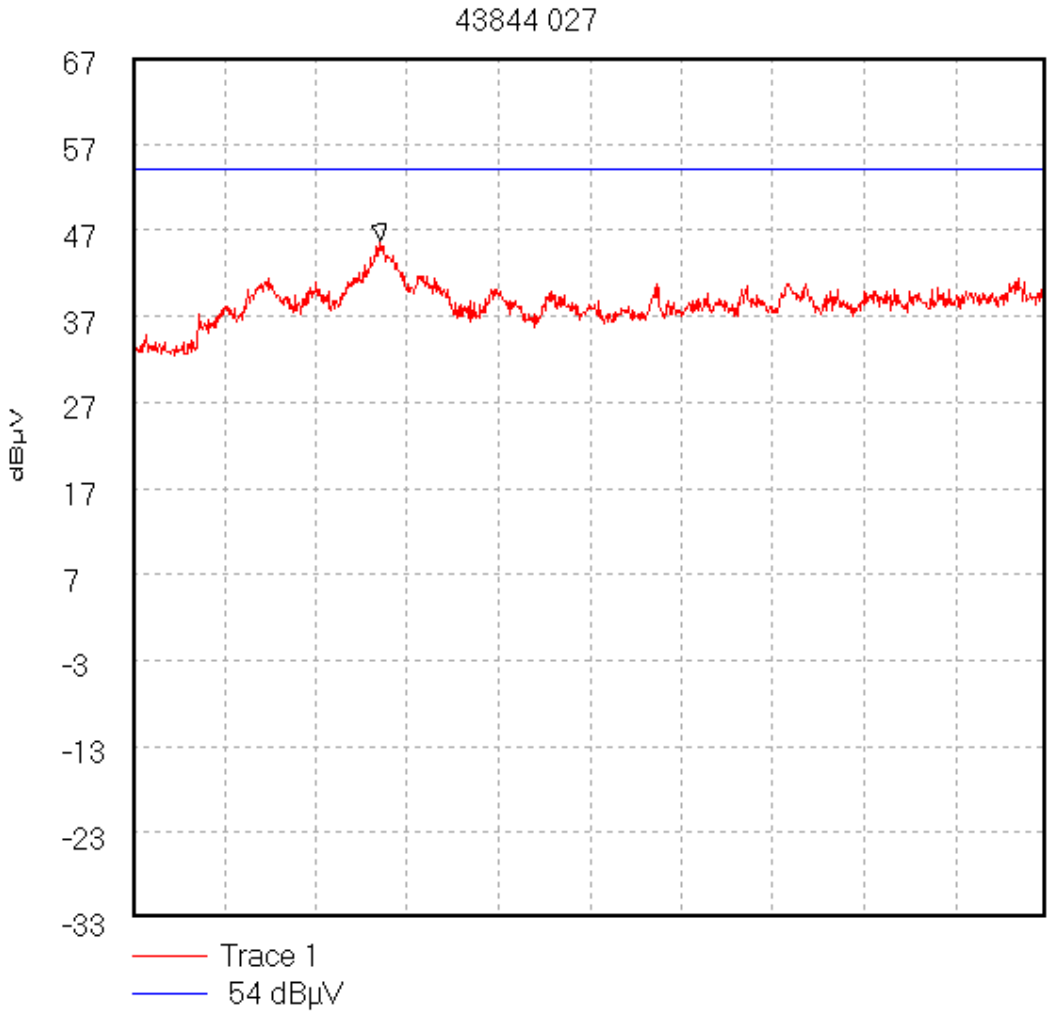
GPH\43844\026
Radiated Emissions – Hopping Mode (12.513 GHz to 18.1 GHz)



Start 12.513 GHz; Stop 18.1 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 14.027 GHz, 45.8 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 9:55:01 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

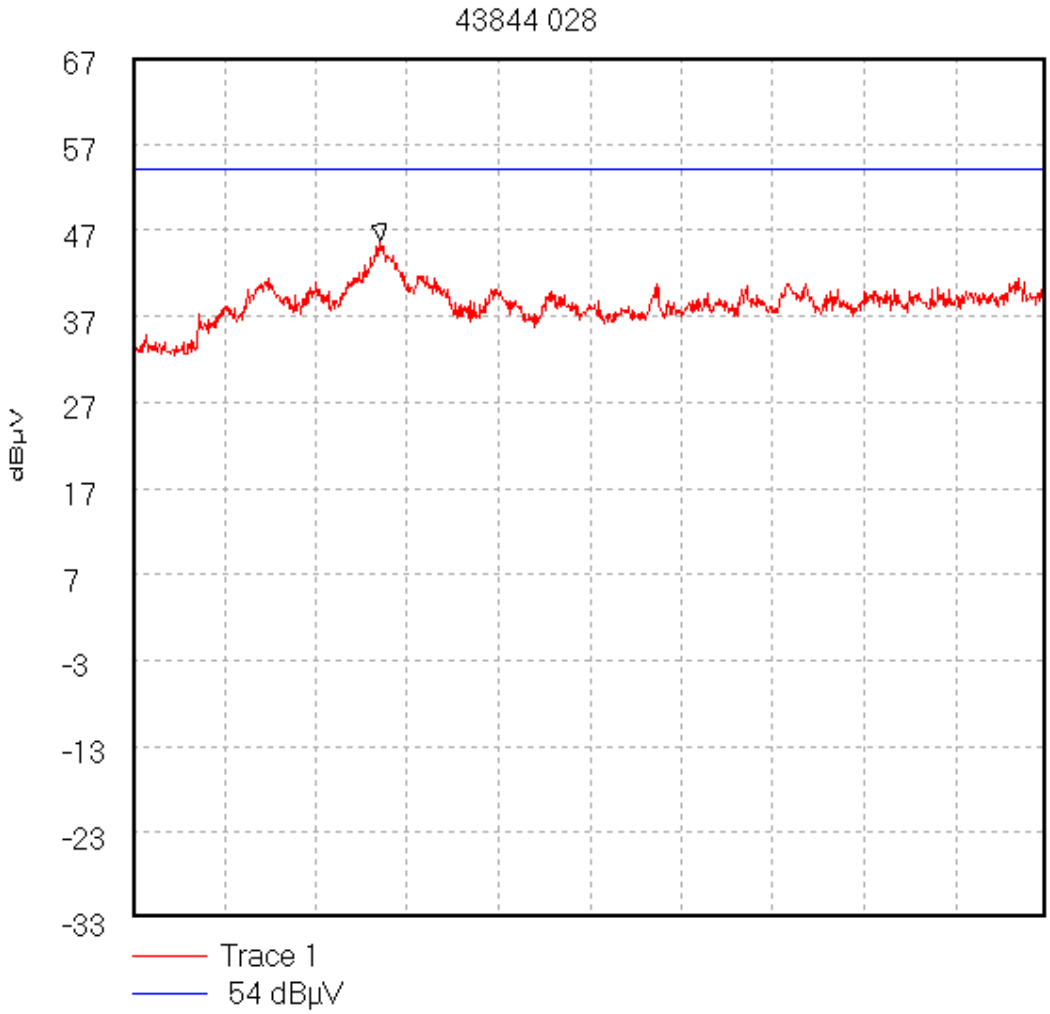
GPH\43844\027
Radiated Emissions – Bottom Channel (12.513 GHz to 18.1 GHz)



Start 12.513 GHz; Stop 18.1 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 14.027 GHz, 45.8 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 9:56:56 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

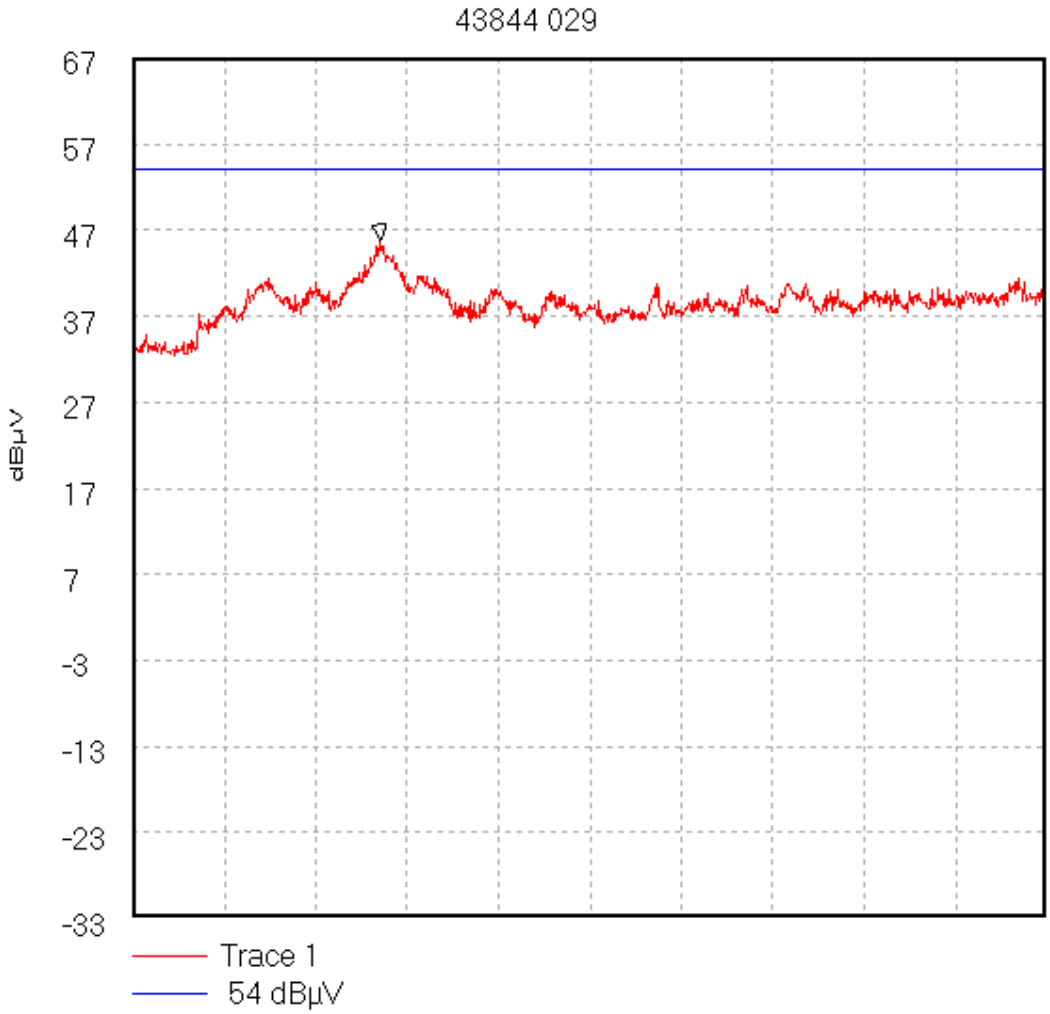
GPH\43844\028
Radiated Emissions – Middle Channel (12.513 GHz to 18.1 GHz)



Start 12.513 GHz; Stop 18.1 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 14.027 GHz, 45.8 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 9:59:23 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

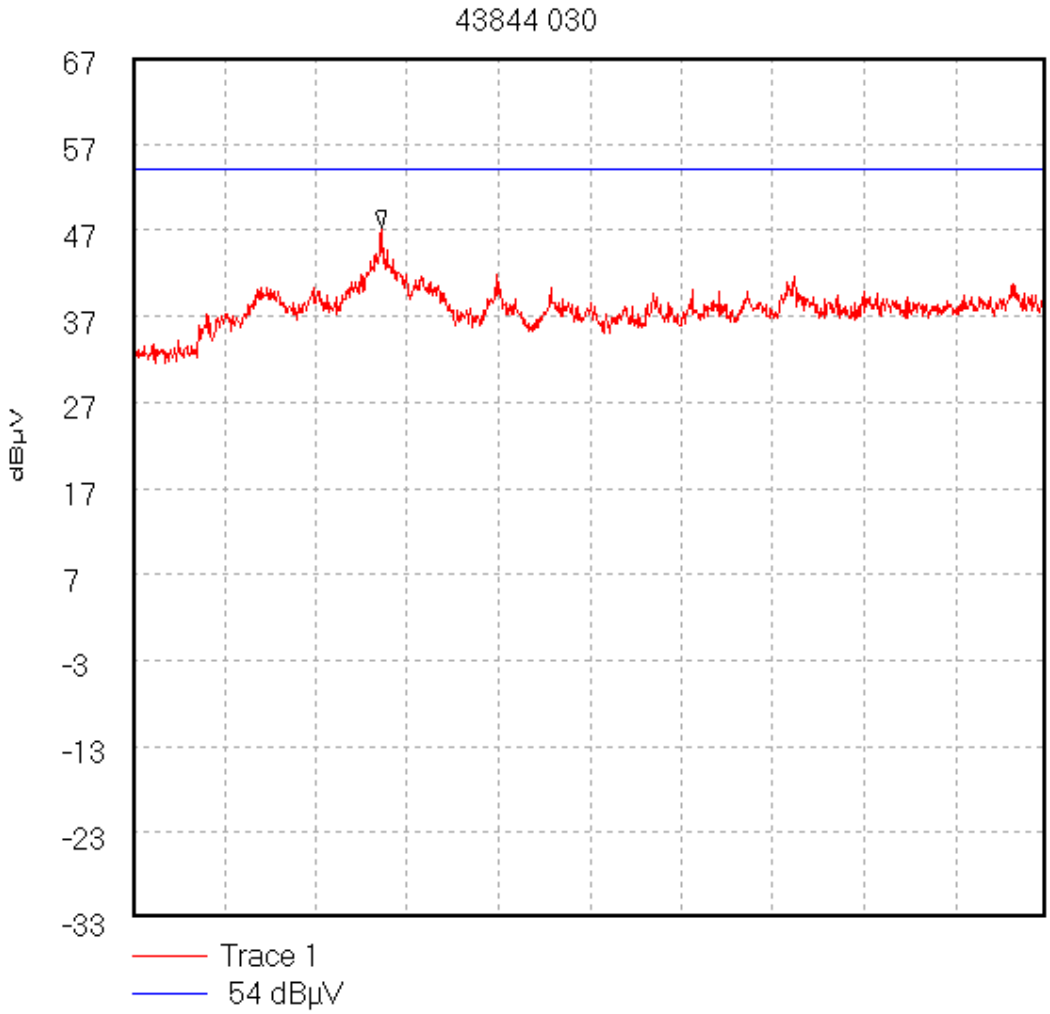
GPH\43844\029
Radiated Emissions – Top Channel (12.513 GHz to 18.1 GHz)



Start 12.513 GHz; Stop 18.1 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 14.027 GHz, 45.8 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 10:00:23 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

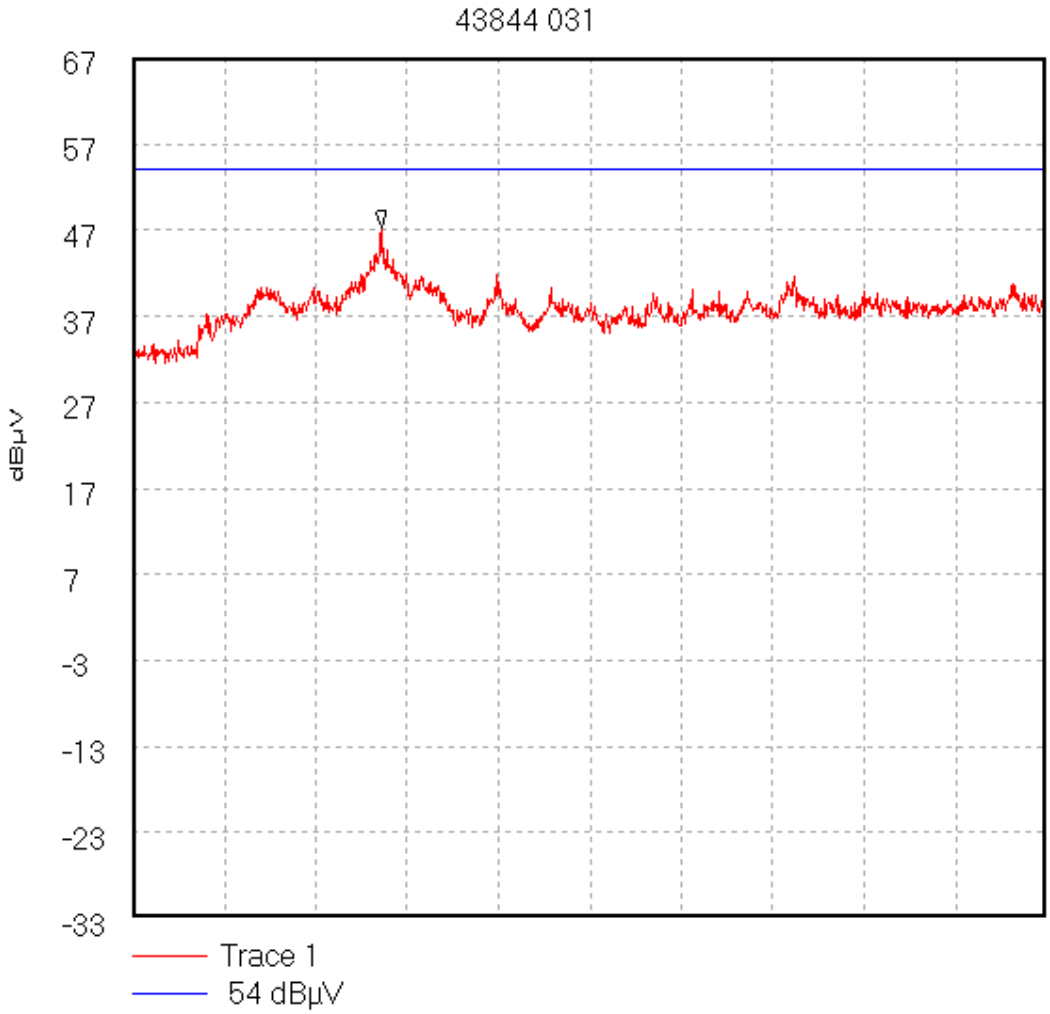
GPH\43844\030
Radiated Emissions – Top Channel (12.513 GHz to 18.1 GHz)



Start 12.513 GHz; Stop 18.1 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 14.034 GHz, 47.27 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 10:01:50 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

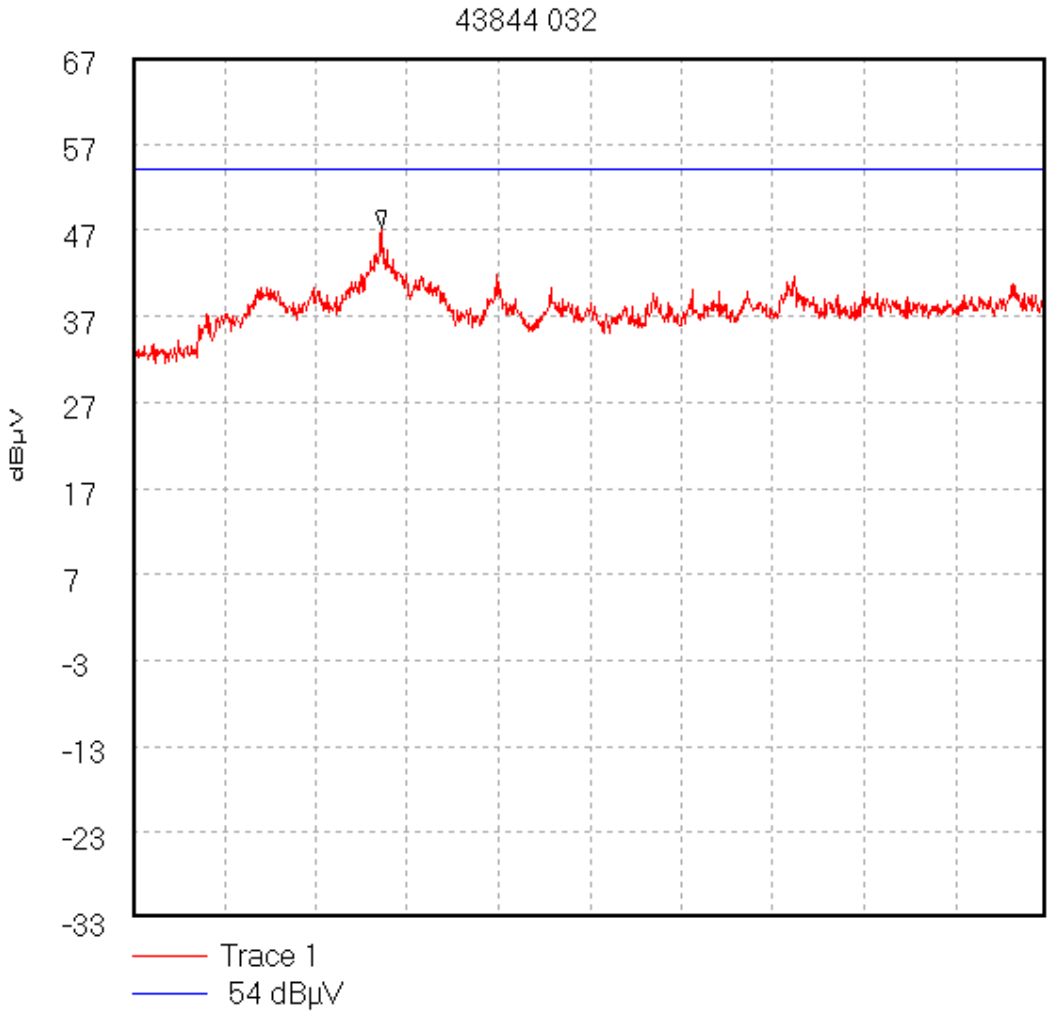
GPH\43844\031
Radiated Emissions – Top Channel (12.513 GHz to 18.1 GHz)



Start 12.513 GHz; Stop 18.1 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 14.034 GHz, 47.27 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 10:02:43 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

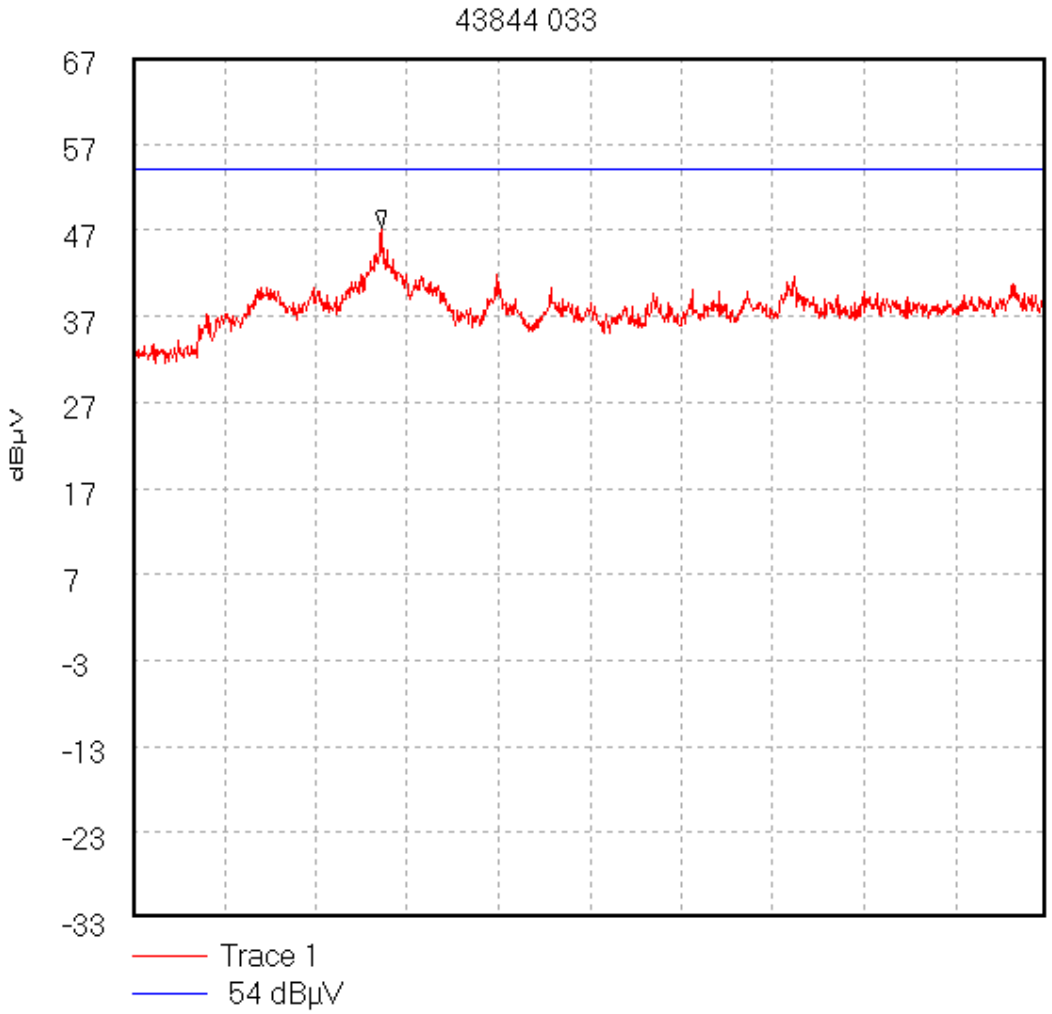
GPH\43844\032
Radiated Emissions – Receive Mode (12.513 GHz to 18.1 GHz)



Start 12.513 GHz; Stop 18.1 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 14.034 GHz, 47.27 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 10:04:04 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

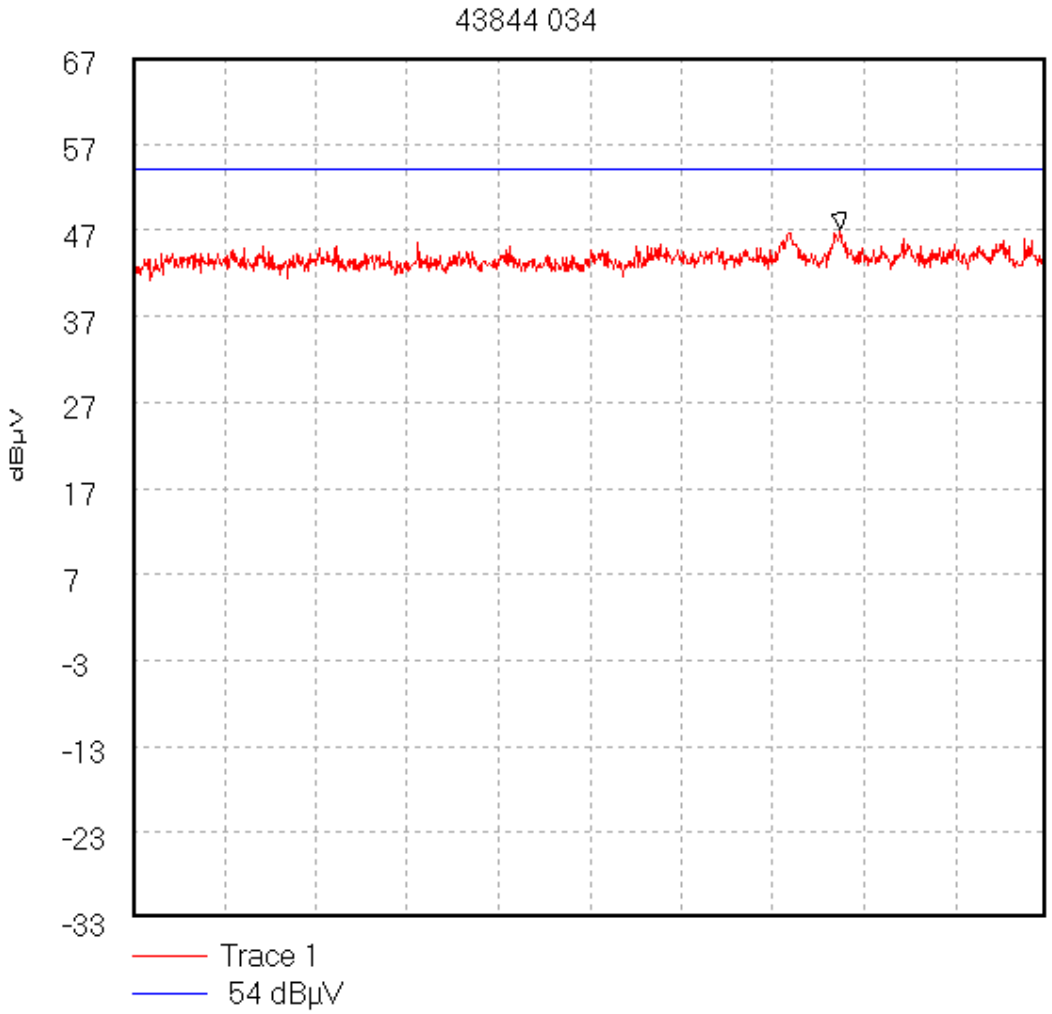
GPH\43844\033
Radiated Emissions – Receive Mode (12.513 GHz to 18.1 GHz)



Start 12.513 GHz; Stop 18.1 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 14.034 GHz, 47.27 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 10:04:28 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

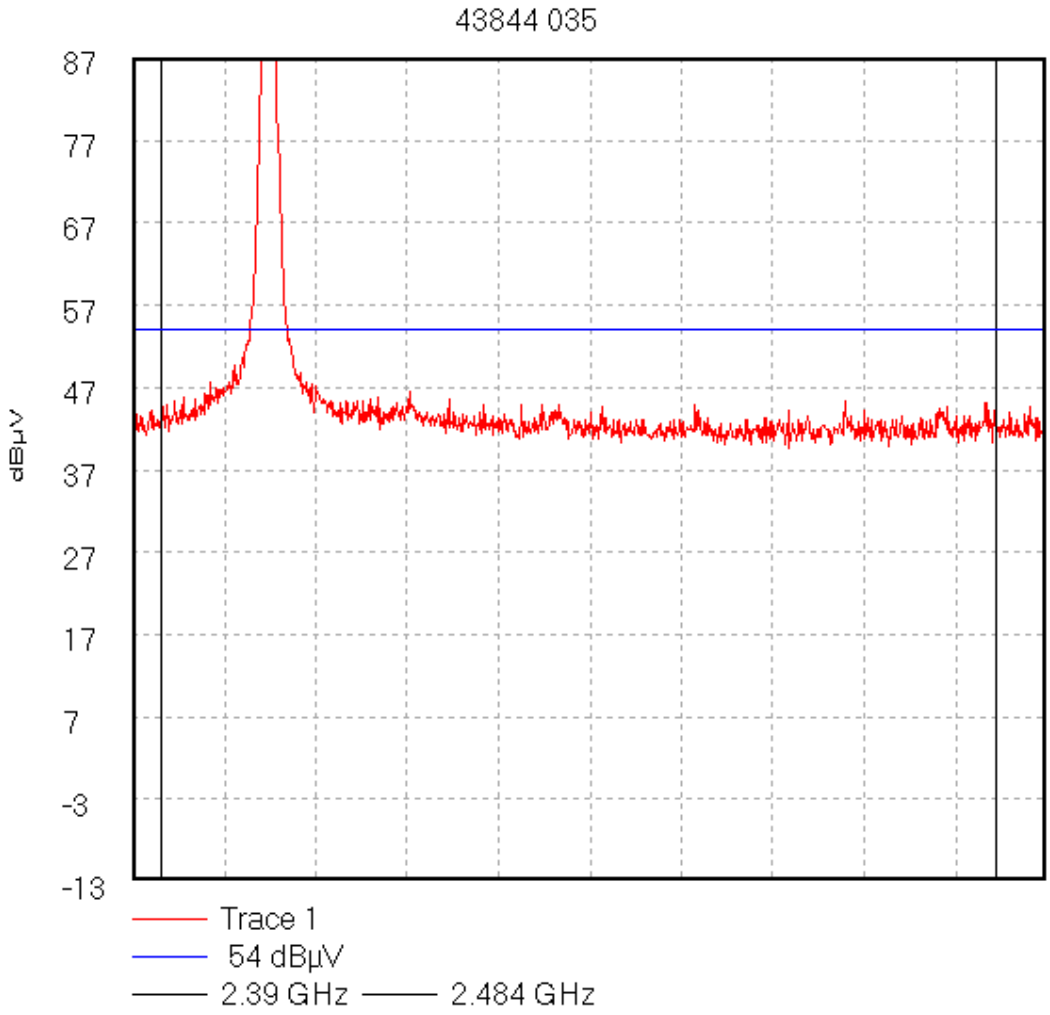
GPH\43844\034
Radiated Emissions – Receive Mode (18.1 GHz to 26.5 GHz)



Start 18.1 GHz; Stop 26.5 GHz
Ref 67 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 24.605 GHz, 47.02 dBµV
Display Line: 54 dBµV; ; Limit Test Passed
8/16/02 10:08:07 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

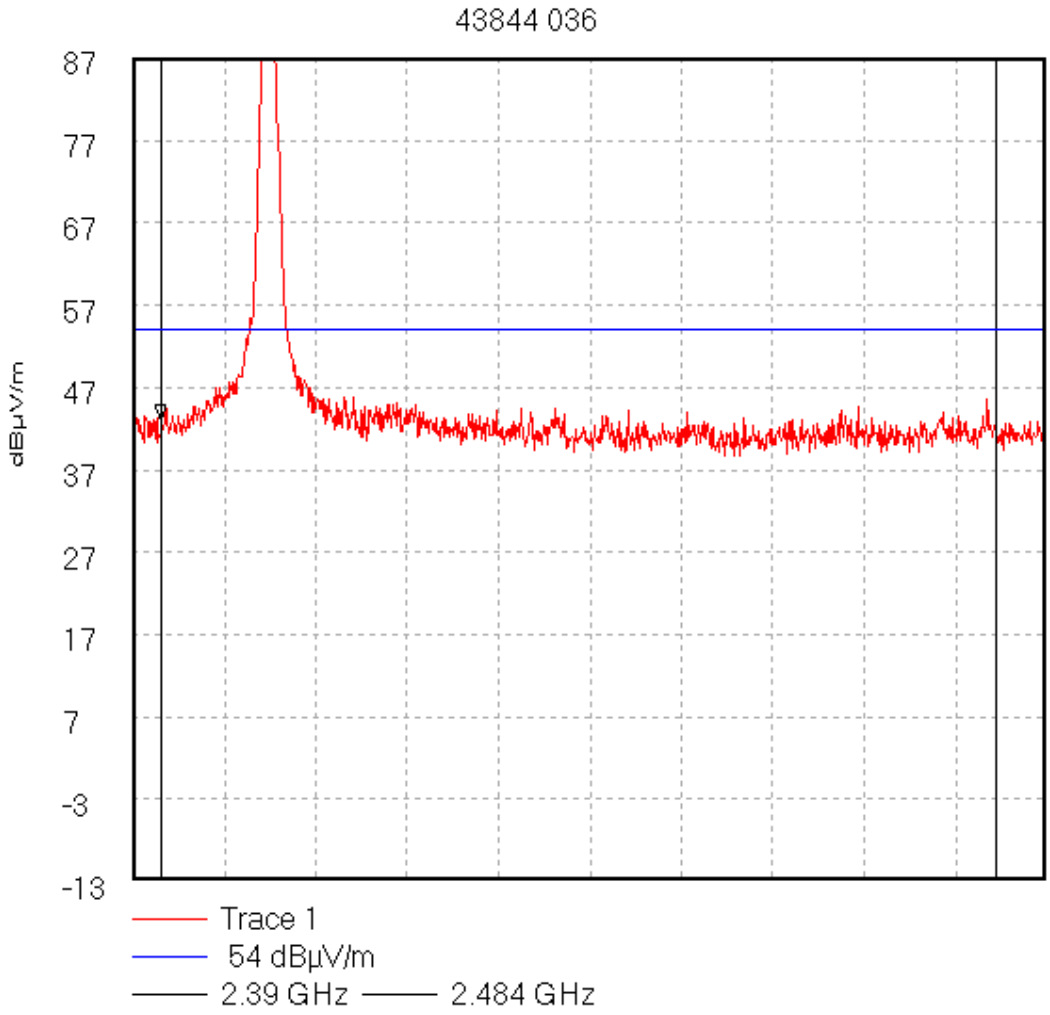
GPH\43844\035
Radiated Emissions – Receive Mode (2.387 GHz to 2.489 GHz)
Band Edge Lower Channel



Start 2.387 GHz; Stop 2.489 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.402 GHz, 90.98 dBµV
Display Line: 54 dBµV; ; Limit Test Failed
8/16/02 11:19:51 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

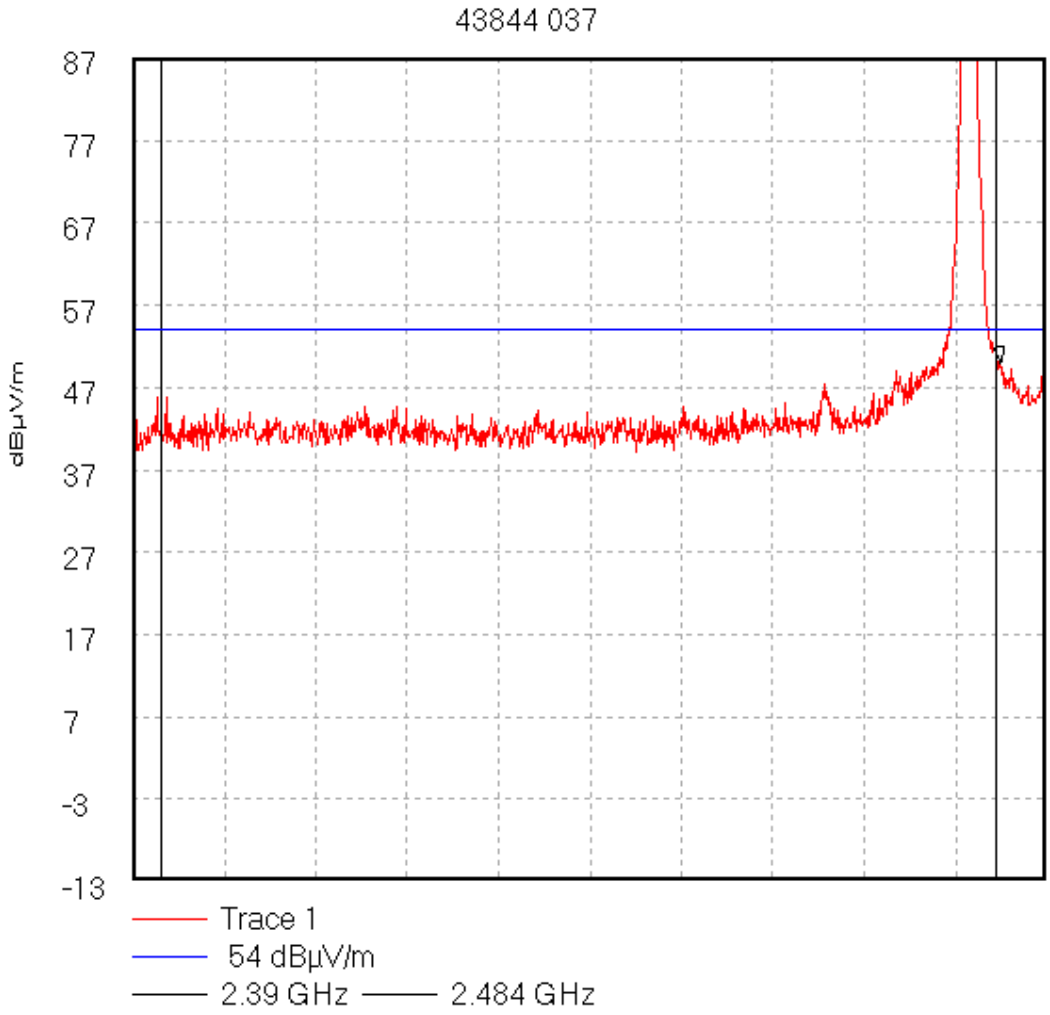
GPH\43844\036
Radiated Emissions – Receive Mode (2.387 GHz to 2.489 GHz)
Band Edge Lower Channel



Start 2.387 GHz; Stop 2.489 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Marker 2.39 GHz, 42.92 dBµV/m
Display Line: 54 dBµV/m; ; Limit Test Failed
8/16/02 11:22:41 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

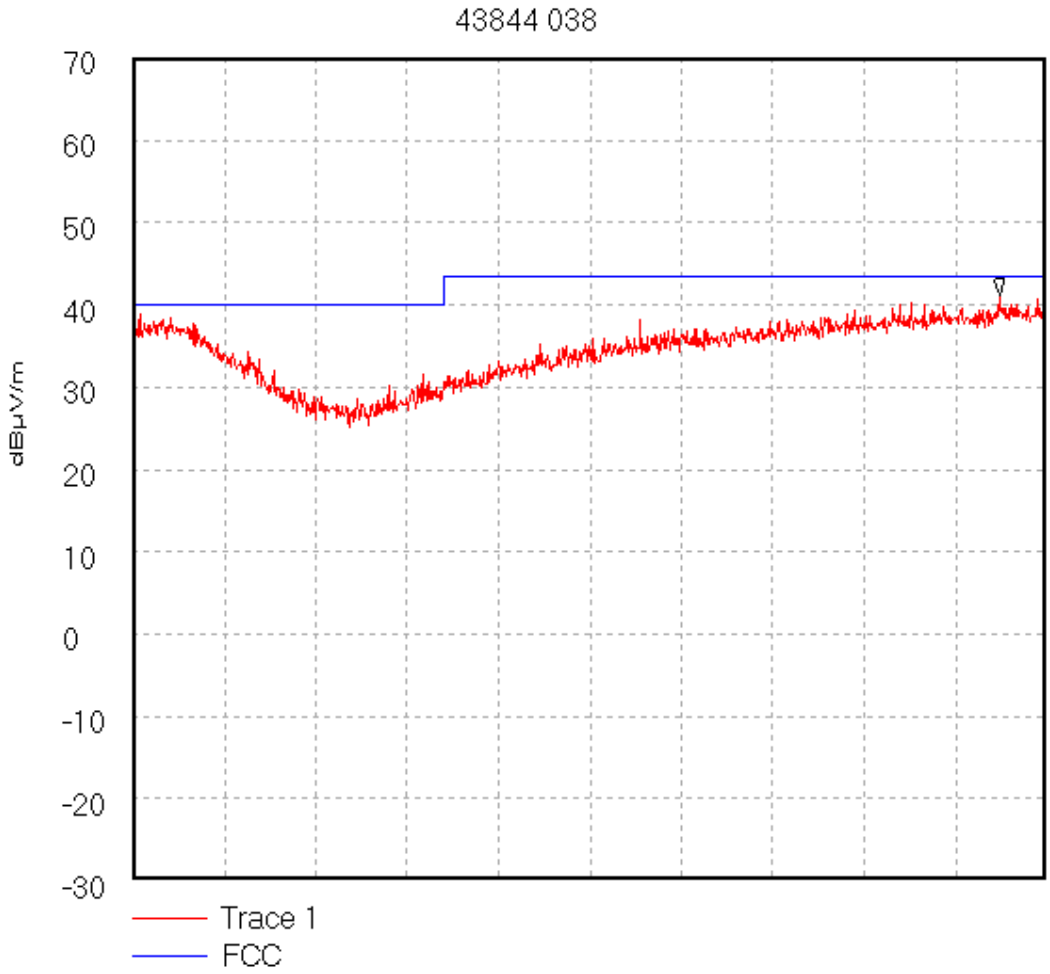
GPH\43844\037
Radiated Emissions – Receive Mode (2.387 GHz to 2.489 GHz)
Band Edge Upper Channel



Start 2.387 GHz; Stop 2.489 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Marker 2.484 GHz, 49.88 dBµV/m
Display Line: 54 dBµV/m; ; Limit Test Failed
8/16/02 11:24:39 AM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

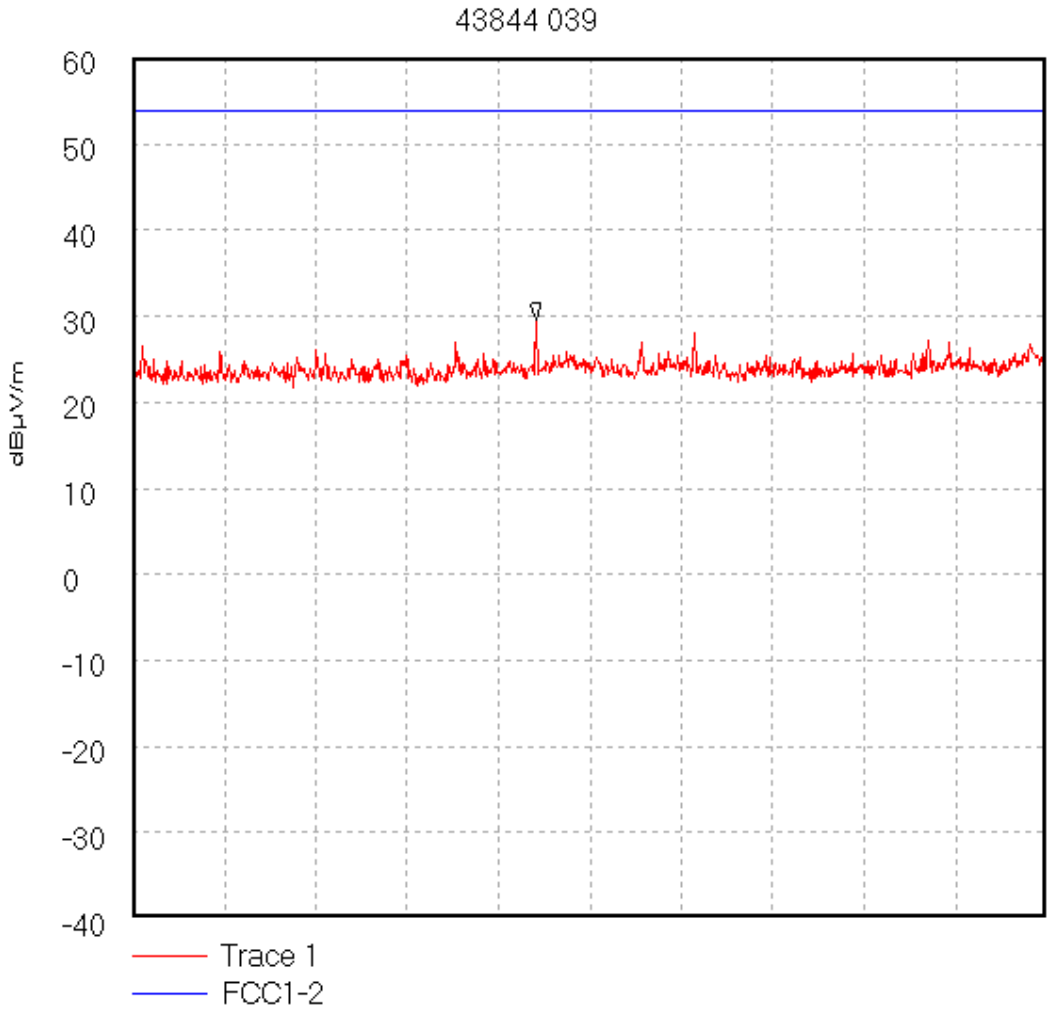
GPH\43844\038
Radiated Emissions - Bottom Channel (30.0 MHz to 200.0 MHz)



Start 30.0 MHz; Stop 200.0 MHz
Ref 70 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 10 dB; Swp 80.0 mS
Peak 191.311 MHz, 41.16 dBµV/m
Limit/Mask: FCC; ; Limit Test Passed
Transducer Factors: 25-200
8/16/02 1:06:54 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

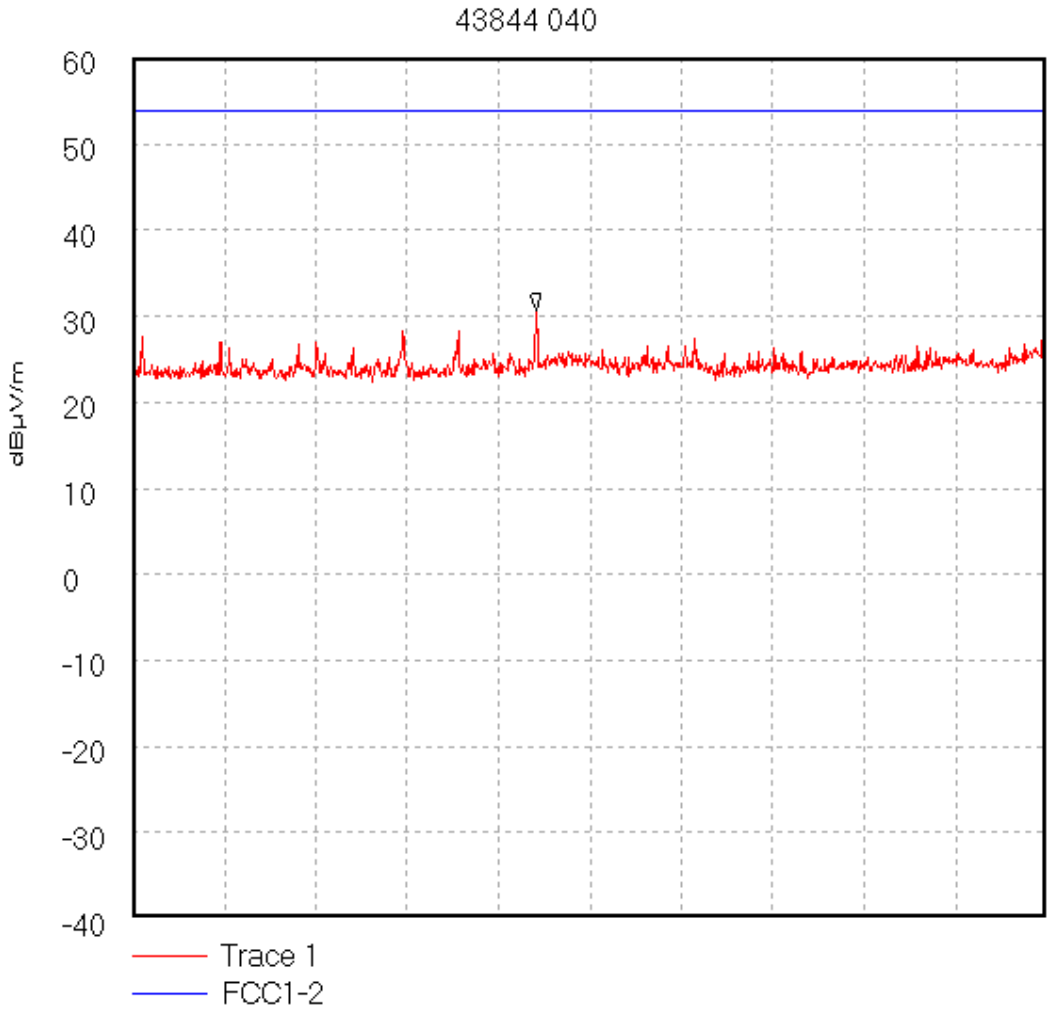
GPH\43844\039
Radiated Emissions - Bottom Channel (1.0 GHz to 2.0 GHz)



Start 1.0 GHz; Stop 2.0 GHz
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.441 GHz, 29.53 dBµV/m
Limit/Mask: FCC1-2; ; Limit Test Passed
8/16/02 1:33:17 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

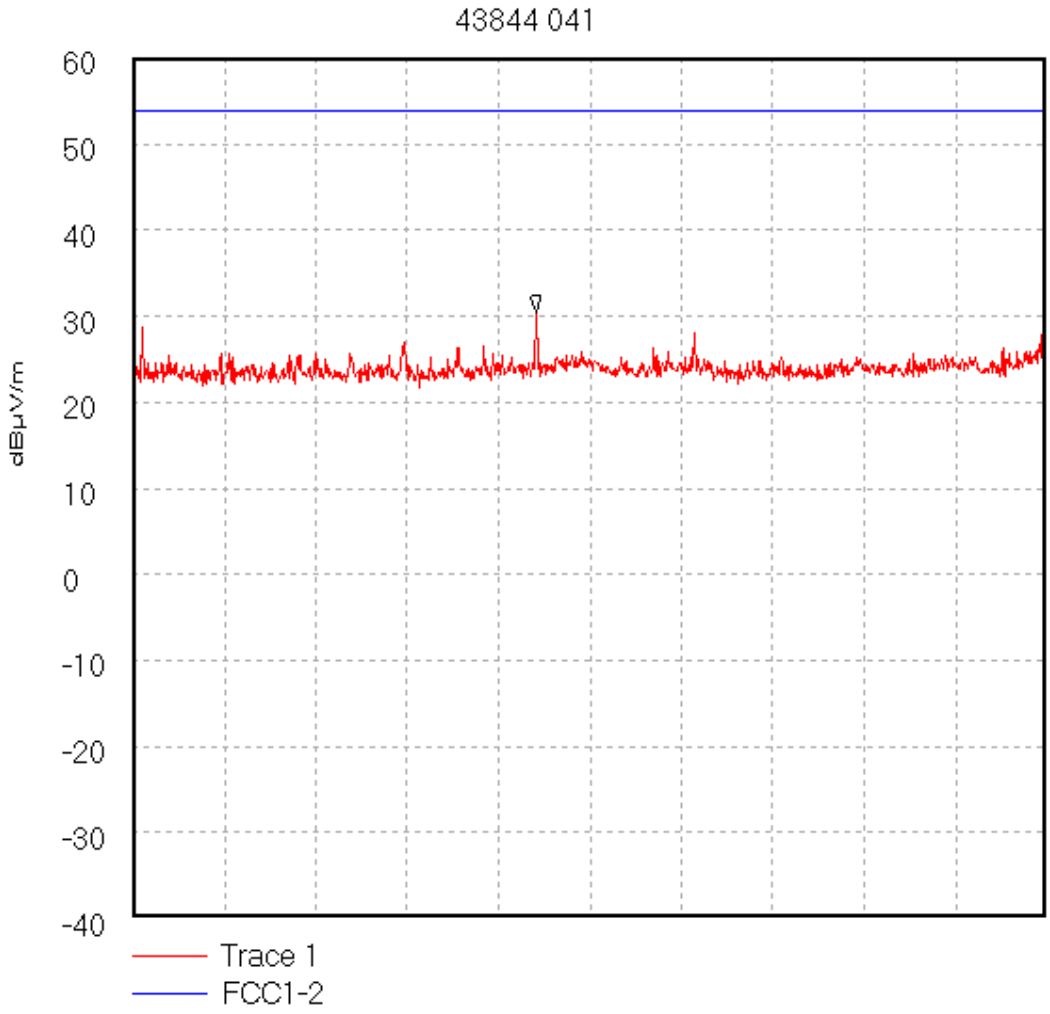
GPH\43844\040
Radiated Emissions - Middle Channel (1.0 GHz to 2.0 GHz)



Start 1.0 GHz; Stop 2.0 GHz
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.441 GHz, 30.65 dBµV/m
Limit/Mask: FCC1-2; ; Limit Test Passed
8/16/02 1:37:39 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

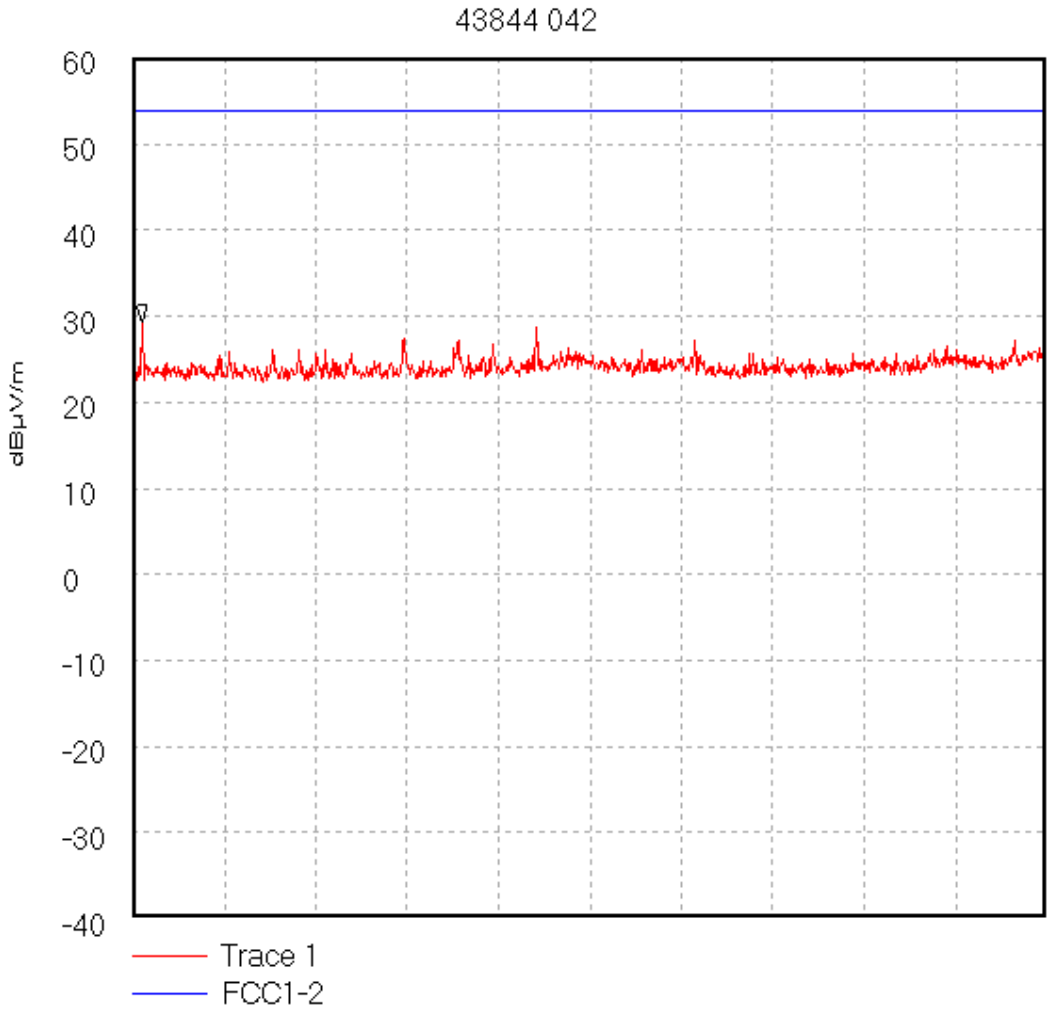
GPH\43844\041
Radiated Emissions – Top Channel (1.0 GHz to 2.0 GHz)



Start 1.0 GHz; Stop 2.0 GHz
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.441 GHz, 30.52 dBµV/m
Limit/Mask: FCC1-2; ; Limit Test Passed
8/16/02 1:41:49 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

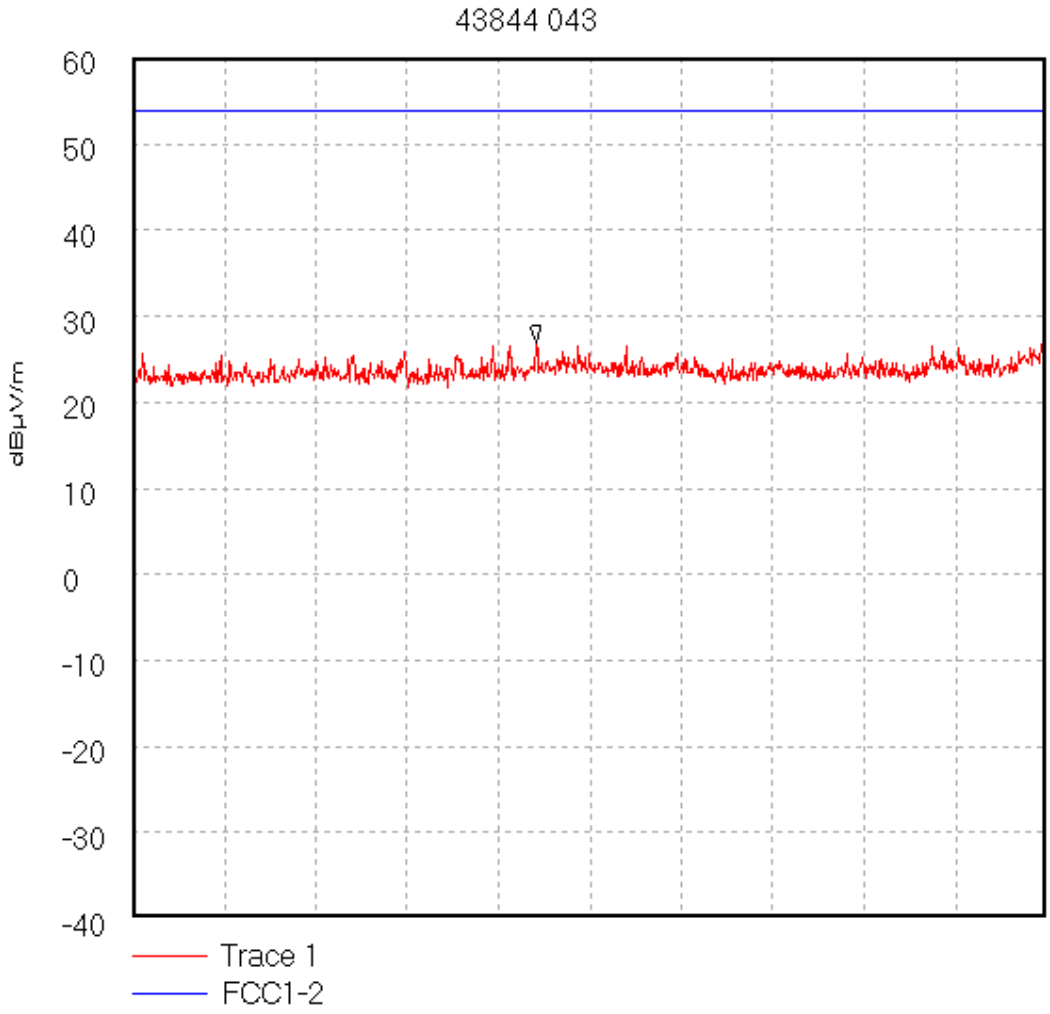
GPH\43844\042
Radiated Emissions – Hopping Mode (1.0 GHz to 2.0 GHz)



Start 1.0 GHz; Stop 2.0 GHz
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.011 GHz, 29.25 dBµV/m
Limit/Mask: FCC1-2; ; Limit Test Passed
8/16/02 1:46:55 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

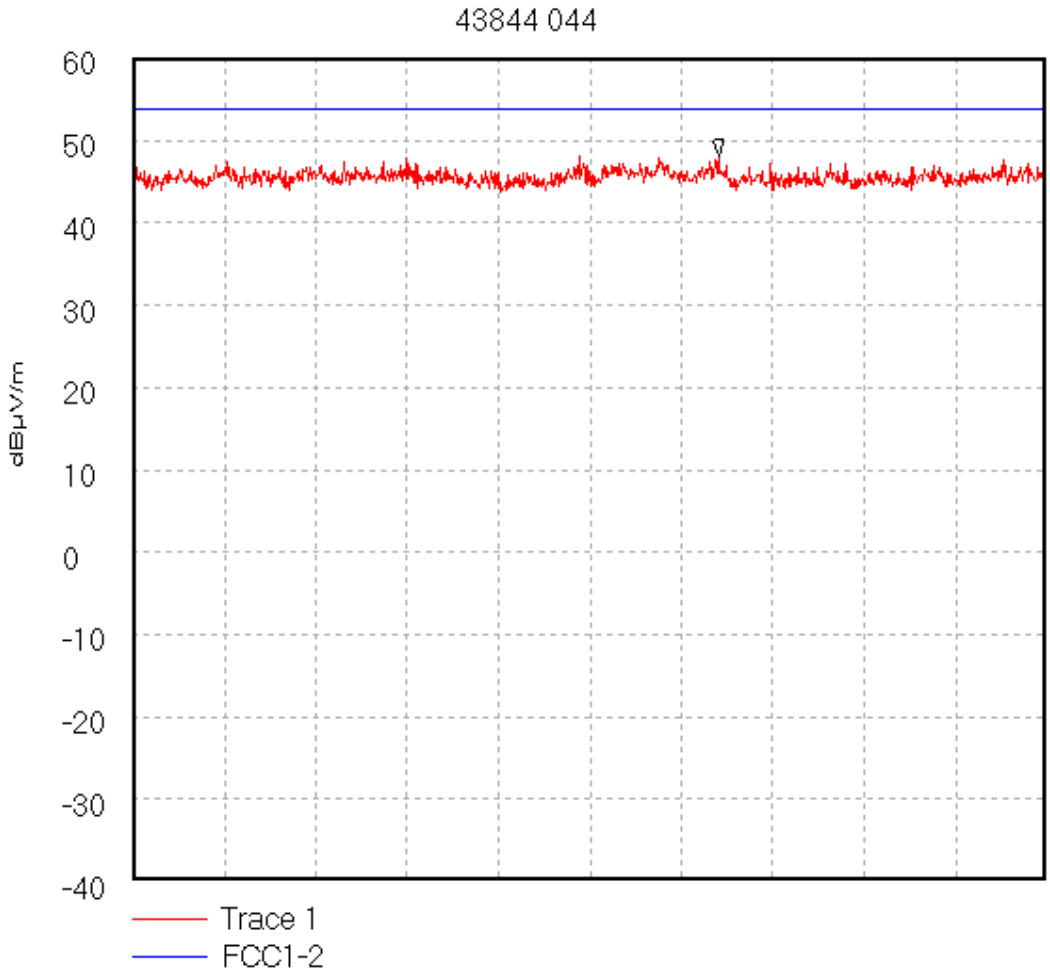
GPH\43844\043
Radiated Emissions – Receive Mode (1.0 GHz to 2.0 GHz)



Start 1.0 GHz; Stop 2.0 GHz
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.441 GHz, 26.99 dBµV/m
Limit/Mask: FCC1-2; ; Limit Test Passed
8/16/02 1:49:22 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

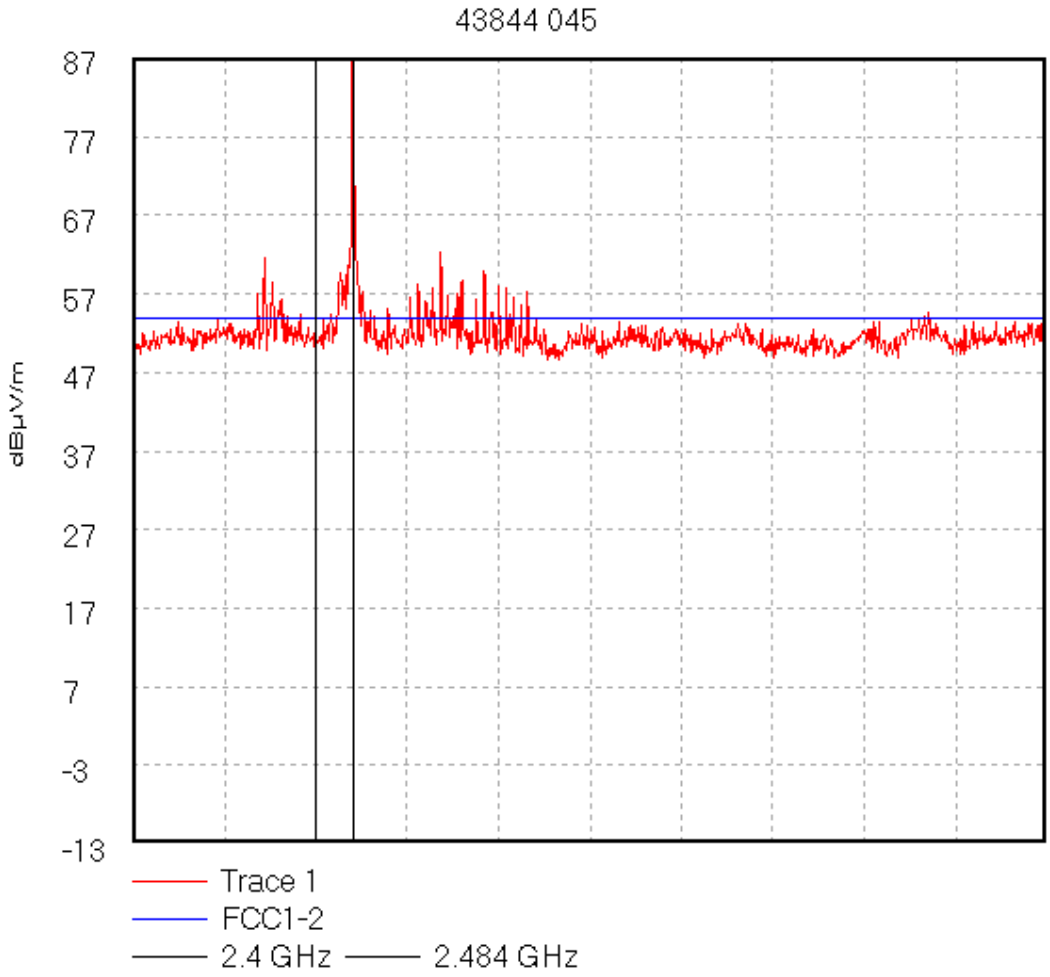
GPH\43844\044
Radiated Emissions – Receive Mode Test case (2.0 GHz to 4.0 GHz)



Start 2.0 GHz; Stop 4.0 GHz
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 3.282 GHz, 48.12 dBµV/m
Limit/Mask: FCC1-2; ; Limit Test Passed
Transducer Factors: 2-4
8/16/02 1:53:56 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

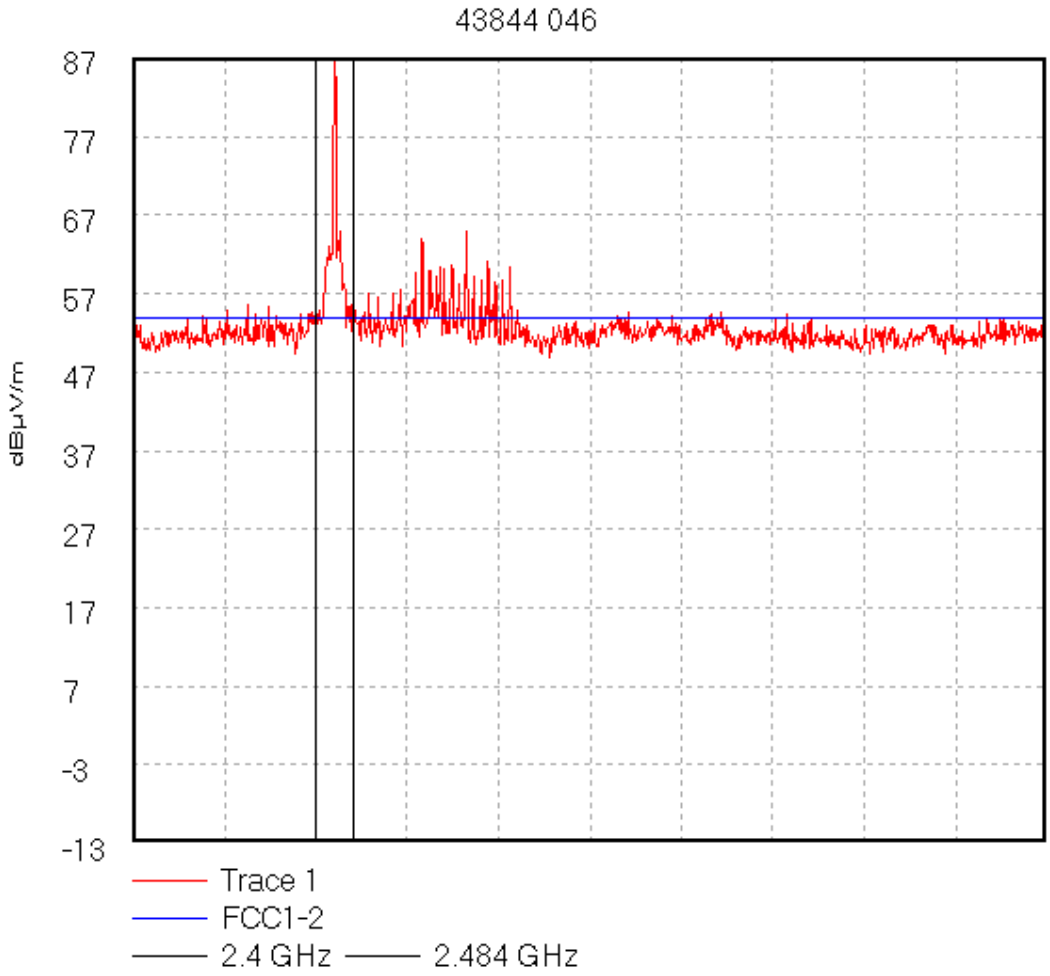
GPH\43844\045
Radiated Emissions – Top Channel (2.0 GHz to 4.0 GHz)



Start 2.0 GHz; Stop 4.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.48 GHz, 90.98 dBµV/m
Limit/Mask: FCC1-2; ; Limit Test Failed
Transducer Factors: 2-4
8/16/02 2:17:56 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

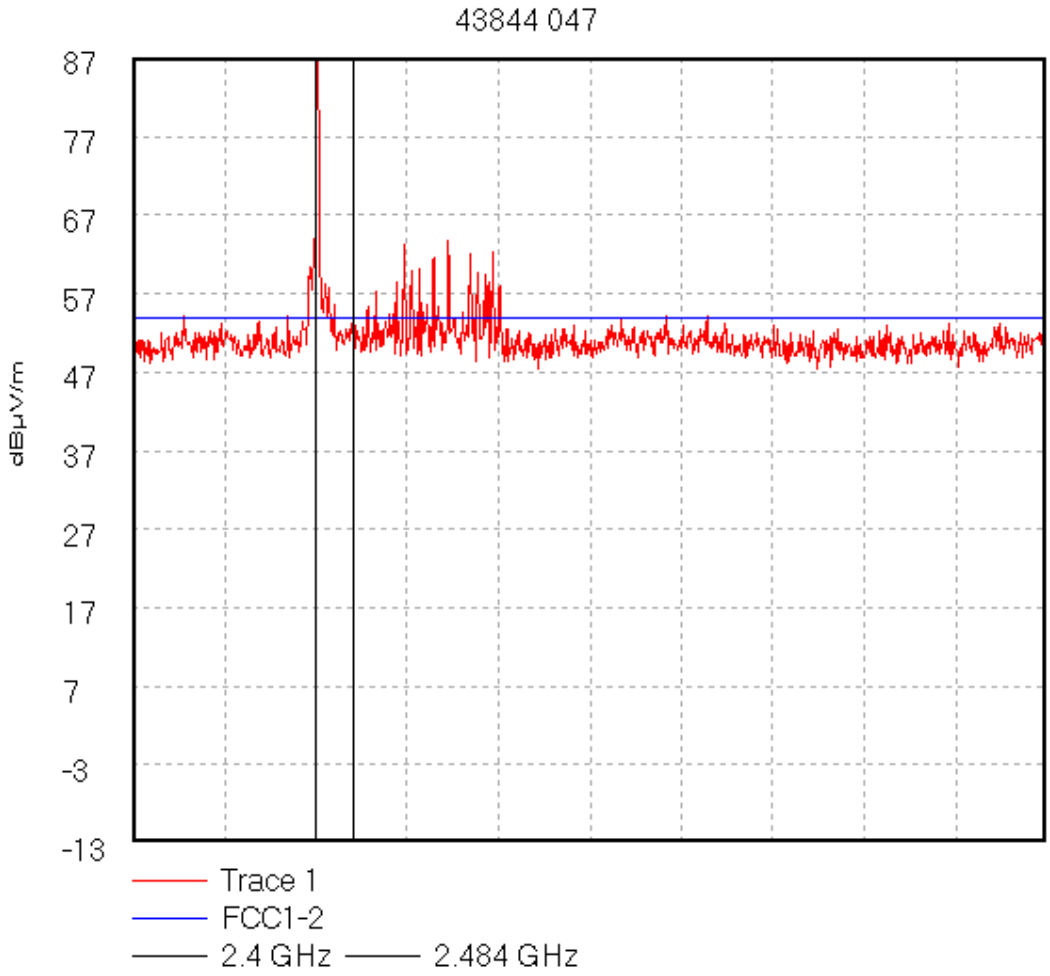
GPH\43844\046
Radiated Emissions – Middle Channel (2.0 GHz to 4.0 GHz)



Start 2.0 GHz; Stop 4.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.44 GHz, 90.98 dBµV/m
Limit/Mask: FCC1-2; ; Limit Test Failed
Transducer Factors: 2-4
8/16/02 2:28:02 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

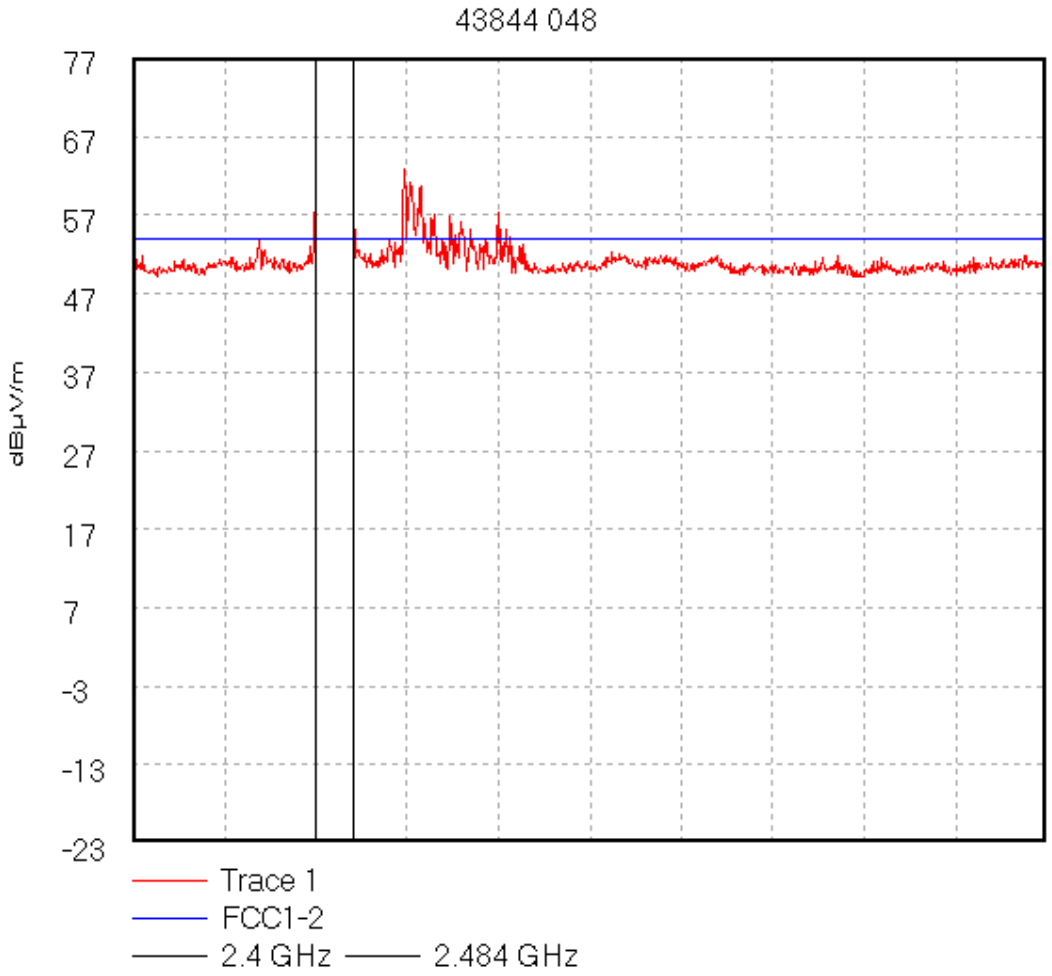
GPH\43844\047
Radiated Emissions – Bottom Channel (2.0 GHz to 4.0 GHz)



Start 2.0 GHz; Stop 4.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.402 GHz, 90.98 dBµV/m
Limit/Mask: FCC1-2; ; Limit Test Failed
Transducer Factors: 2-4
8/16/02 2:37:30 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

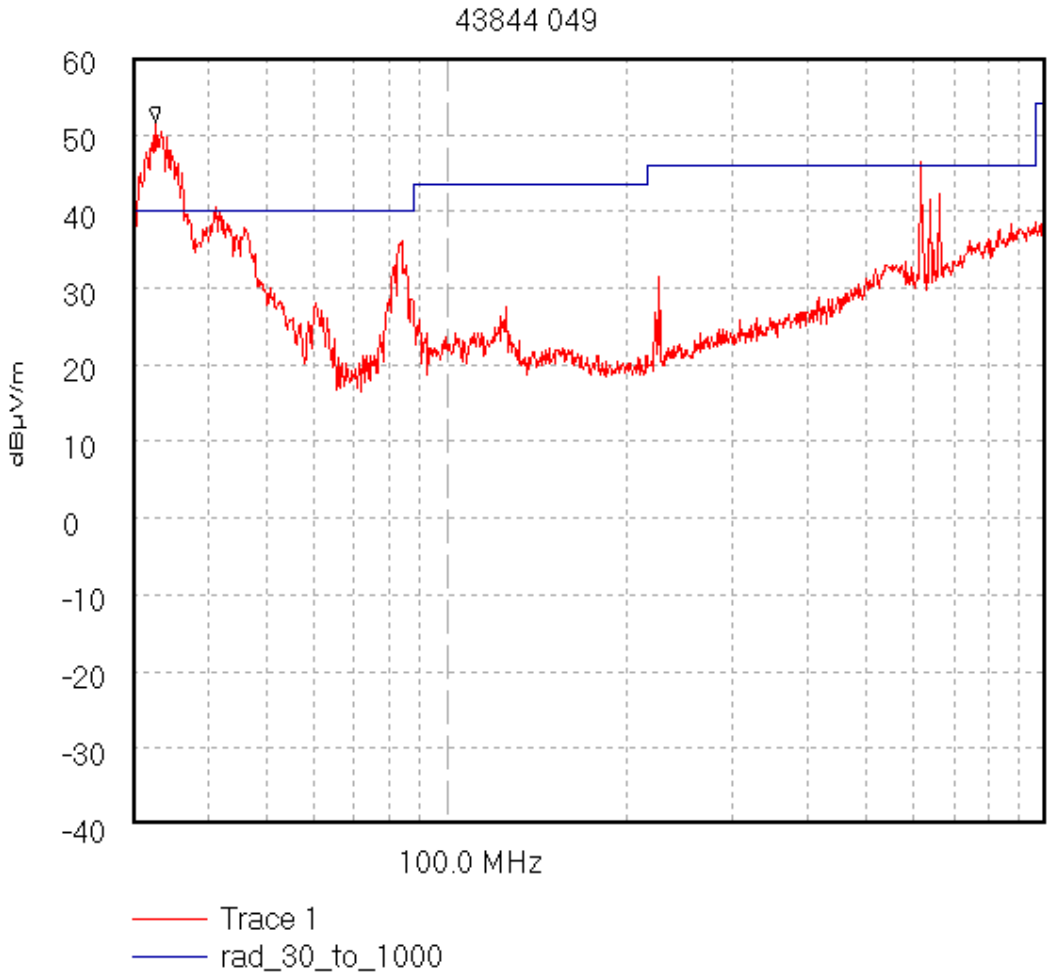
GPH\43844\048
Radiated Emissions – Hopping Mode (2.0 GHz to 4.0 GHz)



Start 2.0 GHz; Stop 4.0 GHz
Ref 77 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.442 GHz, 80.98 dBµV/m
Limit/Mask: FCC1-2; ; Limit Test Failed
Transducer Factors: 2-4
8/16/02 2:49:23 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

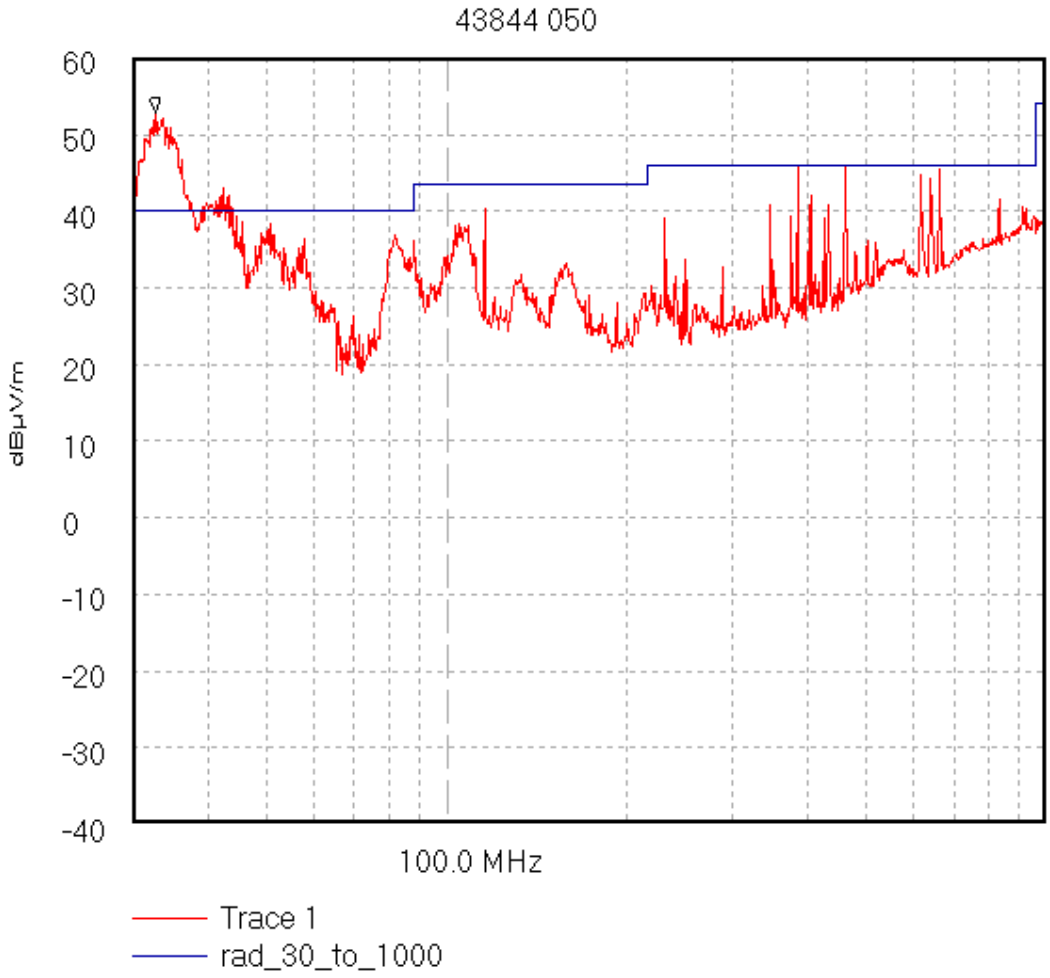
GPH\43844\049
Radiated Emissions - PreScan @ 3m. (30.0 MHz to 1.0 GHz)
Background Scan.



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 380.0 mS
Peak 32.685 MHz, 51.68 dBµV/m
Limit/Mask: rad_30_to_1000; ; Limit Test Failed
Transducer Factors: A490
8/16/02 3:17:45 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

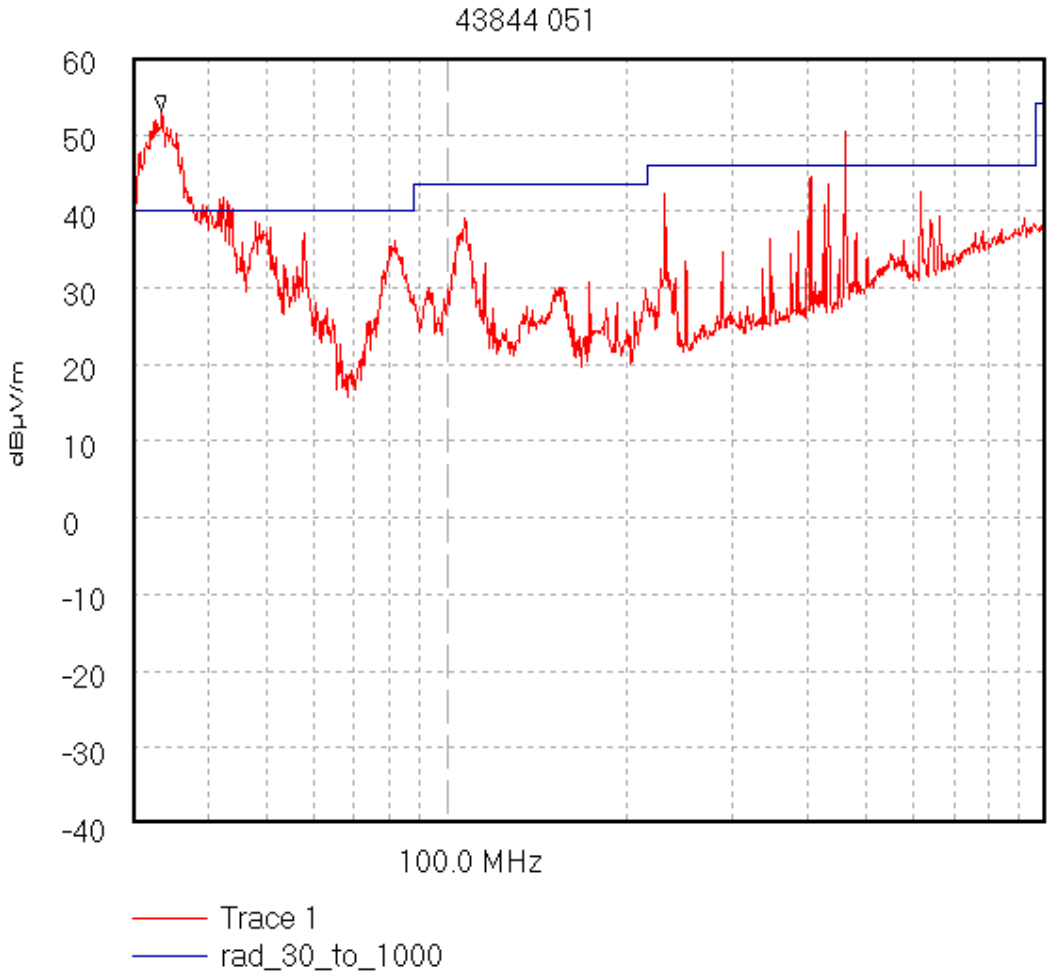
GPH\43844\050
Radiated Emissions - Bottom Channel PreScan @ 3m. (30.0 MHz to 1.0 GHz)



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 380.0 mS
Peak 32.685 MHz, 52.79 dBµV/m
Limit/Mask: rad_30_to_1000; ; Limit Test Failed
Transducer Factors: A490
8/16/02 3:26:42 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

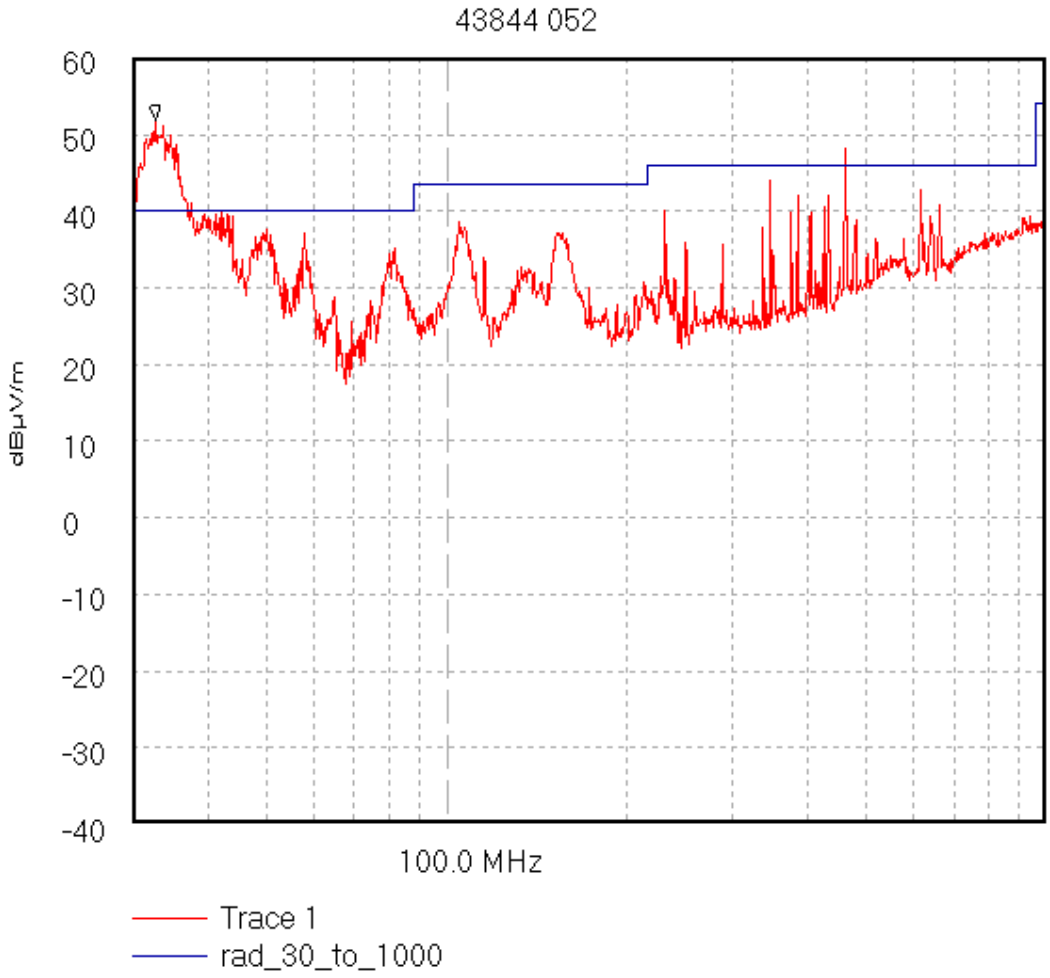
GPH\43844\051
Radiated Emissions - Middle Channel PreScan @ 3m. (30.0 MHz to 1.0 GHz)



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 380.0 mS
Peak 33.458 MHz, 53.15 dBµV/m
Limit/Mask: rad_30_to_1000; ; Limit Test Failed
Transducer Factors: A490
8/16/02 3:49:34 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

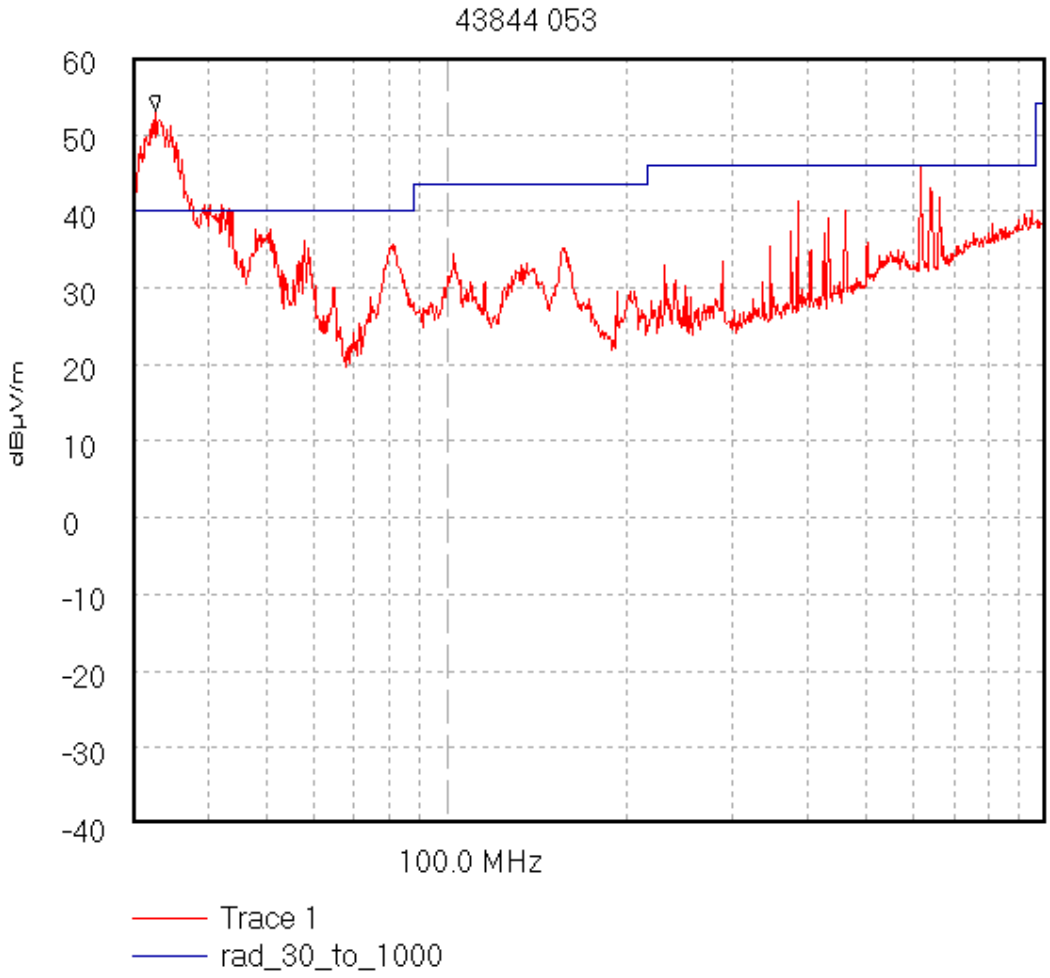
GPH\43844\052
Radiated Emissions - Top Channel PreScan @ 3m. (30.0 MHz to 1.0 GHz)



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 380.0 mS
Peak 32.685 MHz, 51.85 dBµV/m
Limit/Mask: rad_30_to_1000; ; Limit Test Failed
Transducer Factors: A490
8/16/02 3:56:46 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

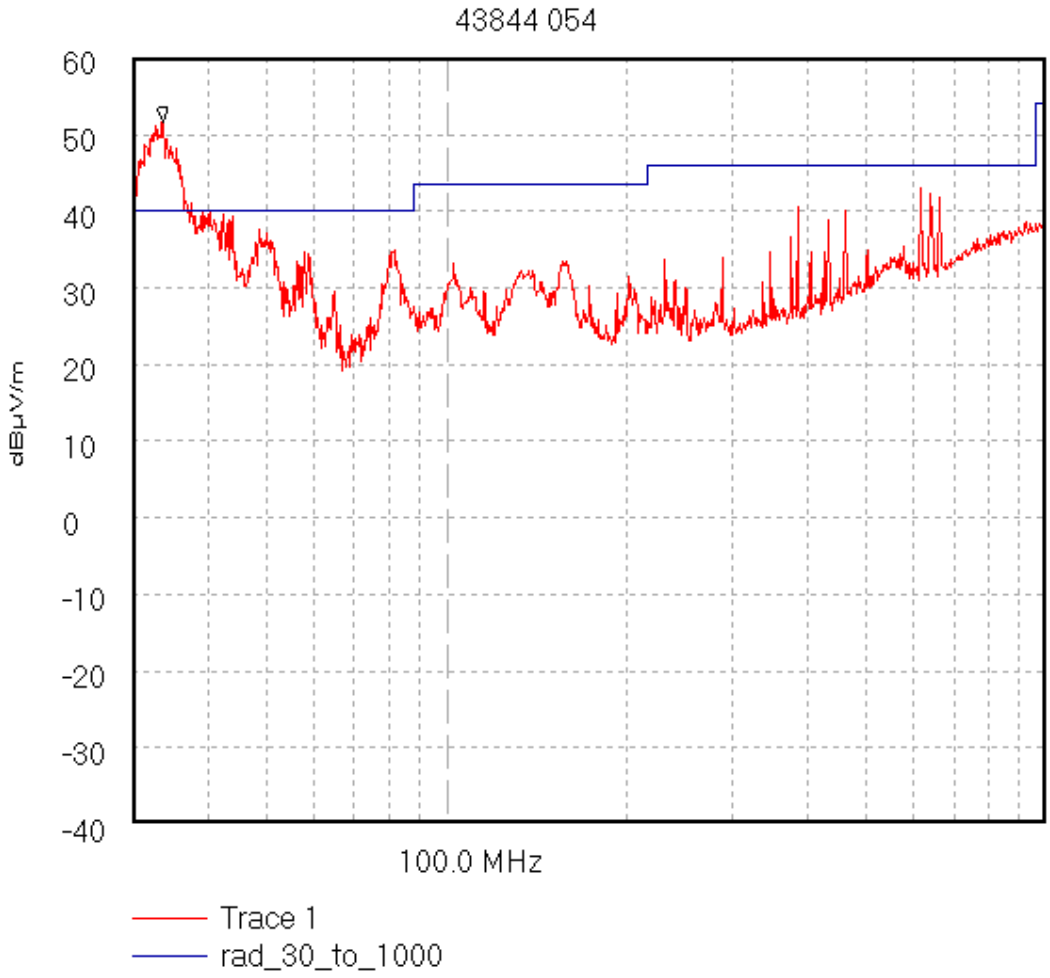
GPH\43844\053
Radiated Emissions - Hopping Mode PreScan @ 3m. (30.0 MHz to 1.0 GHz)



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 80.0 mS
Peak 32.685 MHz, 53.07 dBµV/m
Limit/Mask: rad_30_to_1000; ; Limit Test Failed
Transducer Factors: A490
8/16/02 4:03:50 PM

Test Of: **Red-M (Communications) Ltd.**
Basic Access Point (BAP950AP)
To: **F.C.C. Part 15 Subpart C: 2000 (Intentional Radiators) Section 15.247**

GPH\43844\054
Radiated Emissions – Receive Mode PreScan @ 3m. (30.0 MHz to 1.0 GHz)



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 60 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 80.0 mS
Peak 33.72 MHz, 51.68 dBµV/m
Limit/Mask: rad_30_to_1000; ; Limit Test Failed
Transducer Factors: A490
8/16/02 4:06:56 PM