APPENDIX E

DATA SHEETS

RADIATED EMISSIONS

DATA SHEETS

FCC 15.247

Intel Corporation — Date: 07/07/04

Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B

Model: WM3B2915ABG — Tested By: Kyle Fujimoto

Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 1 - 802.11 b Mode **Transmit Mode**

Gain : 18.0 Peak Power: 19.01 dBm Avg. Power: 16.88 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	48.49	V	74	-25.51	Peak	2.44	270	
4824	44.4	V	54	-9.6	Avg	2.44	270	
7236	48.85	V	74	-25.15	Peak	3.29	315	
7236	38.09	V	54	-15.91	Avg	3.29	315	
9648	49.07	V	--	--	Peak	3.29	270	Not in Restricted Band
9648	34.35	V	--	--	Avg	3.29	270	Not in Restricted Band
12060	55.33	V	74	-18.67	Peak	3.29	225	
12060	40.58	V	54	-13.42	Avg	3.29	225	
14472	54.8	V	74	-19.2	Peak	2.14	225	
14472	40.18	V	54	-13.82	Avg	2.14	225	
16884		V	--	--	Peak			No Emissions
16884		V	--	--	Avg			Found
19296	45.34	V	74	-28.66	Peak			
19296	32.31	V	54	-21.69	Avg			
21708	49.06	V	--	--	Peak	2.8	270	Not in Restricted Band
21708	36.58	V	--	--	Avg	2.8	270	Not in Restricted Band
24120	45.72	V	--	--	Peak	2.8	270	Not in Restricted Band
24120	35.73	V	--	--	Avg	2.8	270	Not in Restricted Band

FCC 15.247

Intel Corporation — Date: 07/07/04

Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B

Model: WM3B2915ABG — Tested By: Kyle Fujimoto

Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 1 - 802.11 b Mode **Transmit Mode**

Gain : 18.0 Peak Power: 19.01 dBm Avg. Power: 16.88 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	52.54	H	74	-21.46	Peak	2.17	180	
4824	49.79	H	54	-4.21	Avg	2.17	180	
7236	53.86	H	74	-20.14	Peak	2.5	0	
7236	47.22	H	54	-6.78	Avg	2.5	0	
9648	48.42	H	--	--	Peak	2.5	90	Not in Restricted Band
9648	35.32	H	--	--	Avg	2.5	90	Not in Restricted Band
12060	54.49	H	74	-19.51	Peak	2.5	45	
12060	39.45	H	54	-14.55	Avg	2.5	45	
14472	52.19	H	74	-21.81	Peak	2.5	270	
14472	39.19	H	54	-14.81	Avg	2.5	270	
16884		H	--	--	Peak			No Emissions
16884		H	--	--	Avg			Found
19296	46.67	H	74	-27.33	Peak	2.56	270	
19296	32.1	H	54	-21.9	Avg	2.56	270	
21708	49.34	H	--	--	Peak	2.56	225	Not in Restricted Band
21708	36.62	H	--	--	Avg	2.56	225	Not in Restricted Band
24120	48.18	H	--	--	Peak	2.56	225	Not in Restricted Band
24120	35.75	H	--	--	Avg	2.56	225	Not in Restricted Band

FCC 15.247

Intel Corporation — Date: 07/07/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Kyle Fujimoto
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 6 - 802.11 b Mode **Transmit Mode**
Gain : 17.5 Peak Power: 19.00 dBm Avg. Power: 16.98 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	46.33	V	74	-27.67	Peak	2.46	225	
4874	39.91	V	54	-14.09	Avg	2.46	225	
7311	50.13	V	74	-23.87	Peak	1.97	45	
7311	40.31	V	54	-13.69	Avg	1.97	45	
9748	49.37	V	--	--	Peak	1.97	225	Not in Restricted Band
9748	34.13	V	--	--	Avg	1.97	225	Not in Restricted Band
12185	54.71	V	74	-19.29	Peak	1.97	180	
12185	39.38	V	54	-14.62	Avg	1.97	180	
14622	53.53	V	--	--	Peak	1.97	270	Not in Restricted Band
14622	39.87	V	--	--	Avg	1.97	270	Not in Restricted Band
17059	53.48	V	--	--	Peak	2.16	180	Not in Restricted Band
17059	40.33	V	--	--	Avg	2.16	180	Not in Restricted Band
19496	45.43	V	74	-28.57	Peak	2.02	270	
19496	38.52	V	54	-15.48	Avg	2.02	270	
21933	50.17	V	--	--	Peak	2.19	315	
21933	36.98	V	--	--	Avg	2.19	315	
22001		V	74	-74	Peak			No Emissions
22001		V	54	-54	Avg			Found
24370		V	--	--	Peak			No Emissions
24370		V	--	--	Avg			Found

FCC 15.247
Intel Corporation Date: 07/07/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter Lab: B
Model: WM3B2915ABG Tested By: Kyle Fujimoto
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 6 - 802.11 b Mode **Transmit Mode**
Gain : 17.5 Peak Power: 19.00 dBm Avg. Power: 16.98 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	50.12	H	74	-23.88	Peak	2.17	0	
4874	46.7	H	54	-7.3	Avg	2.17	0	
7311	53.96	H	74	-20.04	Peak	2.07	0	
7311	48.91	H	54	-5.09	Avg	2.07	0	
9748	47.15	H	--	--	Peak	2.05	270	Not in Restricted Band
9748	34.05	H	--	--	Avg	2.05	270	Not in Restricted Band
12185	54.71	H	74	-19.29	Peak	2.05	270	
12185	40.18	H	54	-13.82	Avg	2.05	270	
14622	52.4	H	--	--	Peak	2.05	45	Not in Restricted Band
14622	39.31	H	--	--	Avg	2.05	45	Not in Restricted Band
17059		H	--	--	Peak			No Emission
17059		H	--	--	Avg			Found
19496	44.07	H	74	-29.93	Peak	2.48	225	
19496	32.05	H	54	-21.95	Avg	2.48	225	
21933	49.42	H	--	--	Peak	2.48	180	
21933	37.03	H	--	--	Avg	2.48	180	
22001	49.72	H	74	-24.28	Peak	2.48	315	
22001	36.81	H	54	-17.19	Avg	2.48	315	
24370	49.18	H	--	--	Peak	2.48	270	
24370	35.09	H	--	--	Avg	2.48	270	

FCC 15.247

Intel Corporation — Date: 07/07/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Kyle Fujimoto
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 11 - 802.11 b Mode **Transmit Mode**
Gain : 18.0 Peak Power: 19.21 dBm Avg. Power: 17.28 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	47.38	V	74	-26.62	Peak	2.25	180	
4924	42.32	V	54	-11.68	Avg	2.25	180	
7386	46.67	V	74	-27.33	Peak	2.25	270	
7386	37.21	V	54	-16.79	Avg	2.25	270	
9848	48.68	V	--	--	Peak	2.25	270	Not in Restricted Band
9848	33.31	V	--	--	Avg	2.25	270	Not in Restricted Band
12310	51.14	V	74	-22.86	Peak	2.25	315	
12310	37.44	V	54	-16.56	Avg	2.25	315	
14772	53.14	V	--	--	Peak	2.25	225	Not in Restricted Band
14772	40	V	--	--	Avg	2.25	225	Not in Restricted Band
17234	53.16	V	--	--	Peak	2.25	270	Not in Restricted Band
17234	38.73	V	--	--	Avg	2.25	270	Not in Restricted Band
19696	46.58	V	74	-27.42	Peak	2.19	270	
19696	32.01	V	54	-21.99	Avg	2.19	270	
22158	49.37	V	74	-24.63	Peak	2.19	315	
22158	37.42	V	54	-16.58	Avg	2.19	315	
24620	49.45	V	--	--	Peak	2.19	0	
24620	34.12	V	--	--	Avg	2.19	0	

FCC 15.247

Intel Corporation — Date: 07/07/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Kyle Fujimoto
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 11 - 802.11 b Mode **Transmit Mode**
Gain : 18.0 Peak Power: 19.21 dBm Avg. Power: 17.28 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	50.38	H	74	-23.62	Peak	2.85	315	
4924	46.7	H	54	-7.3	Avg	2.85	315	
7386	51.77	H	74	-22.23	Peak	2.17	180	
7386	45.3	H	54	-8.7	Avg	2.17	180	
9848	49.27	H	--	--	Peak	2.17	180	Not in Restricted Band
9848	34.19	H	--	--	Avg	2.17	180	Not in Restricted Band
12310	49.78	H	74	-24.22	Peak	2.21	270	
12310	37.45	H	54	-16.55	Avg	2.21	270	
14772	52.34	H	--	--	Peak	2.21	135	Not in Restricted Band
14772	39.29	H	--	--	Avg	2.21	135	Not in Restricted Band
17234		H	--	--	Peak			No Emission
17234		H	--	--	Avg			Found
19696	43.83	H	74	-30.17	Peak	2.48	270	
19696	32.08	H	54	-21.92	Avg	2.18	270	
22158	49.26	H	74	-24.74	Peak	2.48	270	
22158	37.41	H	54	-16.59	Avg	2.48	270	
24620	47.78	H	--	--	Peak	2.48	45	
24620	34.26	H	--	--	Avg		45	

FCC 15.247

Intel Corporation — Date: 07/07/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Benigno Chavez
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 1 - 802.11 b Mode **Transmit Mode**
Gain : 18.0 Peak Power: 19.01 dBm Avg. Power: 16.88 dBm
Channel 6 - 802.11 b Mode **Transmit Mode**
Gain : 17.5 Peak Power: 19.00 dBm Avg. Power: 16.98 dBm
Channel 11 - 802.11 b Mode **Transmit Mode**
Gain : 18.0 Peak Power: 19.21 dBm Avg. Power: 17.28 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2312	43.05	V	74	-30.95	Peak	2	0	103 MHz Below the Fundamental
2312	36.91	V	54	-17.09	Avg	2	0	of Channel 1
2512	45.08	V	74	-28.92	Peak	1.75	45	103 MHz Above the Fundamental
2512	37.43	V	54	-16.57	Avg	1.75	45	of Channel 1
2312	48.13	H	74	-25.87	Peak	3	315	103 MHz Below the Fundamental
2312	43.66	H	54	-10.34	Avg	3	315	of Channel 1
2512	50.28	H	74	-23.72	Peak	3	315	103 MHz Above the Fundamental
2512	44.56	H	54	-9.44	Avg	3	315	of Channel 1
2336	48.85	V	74	-25.15	Peak	1.5	45	103 MHz Below the Fundamental
2336	43.35	V	54	-10.65	Avg	1.5	45	of Channel 6
2538.7	46.66	V	74	-27.34	Peak	3.25	0	103 MHz Above the Fundamental
2538.7	40.96	V	54	-13.04	Avg	3.25	0	of Channel 6
2336	50.02	H	74	-23.98	Peak	3.5	0	103 MHz Below the Fundamental
2336	45.42	H	54	-8.58	Avg	3.5	0	of Channel 6
2538.7	50.97	H	74	-23.03	Peak	3	315	103 MHz Above the Fundamental
2538.7	45.51	H	54	-8.49	Avg	3	315	of Channel 6
2360	46.24	V	74	-27.76	Peak	3	90	103 MHz Below the Fundamental
2360	39.72	V	54	-14.28	Avg	3	90	of Channel 11
2565	45.16	V	74	-28.84	Peak	3	90	103 MHz Above the Fundamental
2565	35.89	V	54	-18.11	Avg	3	90	of Channel 11
2360	50.1	H	74	-23.9	Peak	3.5	0	103 MHz Below the Fundamental
2360	44.17	H	54	-9.83	Avg	3.5	0	of Channel 11
2564	49.33	H	74	-24.67	Peak	3	315	103 MHz Above the Fundamental
2564	41.2	H	54	-12.8	Peak	3	315	of Channel 11

FCC 15.247

Intel Corporation — Date: 07/02/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 1 - 802.11 b Mode **Transmit Mode**
Gain : 18.0 Peak Power: 19.01 dBm Avg. Power: 16.88 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
3216	37.68	V	74	-36.32	Peak	2.19	180	Fundamental of LO for
3216	24.63	V	54	-29.37	Avg	2.19	180	Channel 1
6432	45.3	V	--	--	Peak	2.17	180	2nd Harmonic of LO for
6432	39.37	V	--	--	Avg	2.17	180	Channel 1
9648	47.47	V	--	--	Peak	2.17	45	3rd Harmonic of LO for
9648	33.97	V	--	--	Avg	2.17	45	Channel 1
12864	48.77	V	--	--	Peak	2.17	135	4th Harmonic of LO for
12864	35.08	V	--	--	Avg	2.17	135	Channel 1
3216	40.13	H	74	-33.87	Peak	2.87	315	Fundamental of LO for
3216	31.41	H	54	-22.59	Avg	2.87	315	Channel 1
6432	48.5	H	--	--	Peak	1.95	180	2nd Harmonic of LO for
6432	45.06	H	--	--	Avg	1.95	180	Channel 1
9648	49.26	H	--	--	Peak	1.95	225	3rd Harmonic of LO for
9648	33.92	H	--	--	Avg	1.95	225	Channel 1
12864	50.61	H	--	--	Peak	1.95	270	4th Harmonic of LO for
12864	35.8	H	--	--	Avg	1.95	270	Channel 1
								Only the Fundamental of the LO
								is in the Restricted Band

FCC 15.247

Intel Corporation — Date: 07/02/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 6 - 802.11 b Mode **Transmit Mode**
Gain : 17.5 Peak Power: 19.00 dBm Avg. Power: 16.98 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
3249.33	39.99	V	74	-34.01	Peak	3.06	0	Fundamental of LO for
3249.33	32.29	V	54	-21.71	Avg	3.06	0	Channel 6
6498.67	49.32	V	--	--	Peak	2.8	180	2nd Harmonic of LO for
6498.67	38.85	V	--	--	Avg	2.8	180	Channel 6
9748	47.5	V	--	--	Peak	2.8	225	3rd Harmonic of LO for
9748	33.88	V	--	--	Avg	2.8	225	Channel 6
12997.3	50.61	V	--	--	Peak	2.8	45	4th Harmonic of LO for
12997.3	35.78	V	--	--	Avg	2.8	45	Channel 6
		V						
3249.33	40.97	H	74	-33.03	Peak	1.94	225	Fundamental of LO for
3249.33	31.64	H	54	-22.36	Avg	1.94	225	Channel 6
6498.67	51.29	H	--	--	Peak	2.29	0	2nd Harmonic of LO for
6498.67	48.22	H	--	--	Avg	2.29	0	Channel 6
9748	48.77	H	--	--	Peak	2.29	270	3rd Harmonic of LO for
9748	34	H	--	--	Avg	2.29	270	Channel 6
12997.3	51.04	H	--	--	Peak	2.32	225	4th Harmonic of LO for
12997.3	36.26	H	--	--	Avg	2.32	225	of Channel 6
								Only the Fundamental of the LO
								is in the Restricted Band

FCC 15.247

Intel Corporation
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter
Model: WM3B2915ABG
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Date: 07/02/04
Lab: B
Tested By: Arnold Gaffud

Channel 11 - 802.11 b Mode **Transmit Mode**
Gain : 18.0 Peak Power: 19.21 dBm Avg. Power: 17.28 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
3282.67	41.42	V	74	-32.58	Peak	3.06	180	Fundamental of LO for
3282.67	30.85	V	54	-23.15	Avg	3.06	180	Channel 11
6565.33	50.67	V	--	--	Peak	3.06	45	2nd Harmonic of LO for
6565.33	40.42	V	--	--	Avg	3.06	45	Channel 11
9848	45.37	V	--	--	Peak	3.08	225	3rd Harmonic of LO for
9848	32.66	V	--	--	Avg	3.05	225	Channel 11
13130.7	49.55	V	--	--	Peak	3.08	225	4th Harmonic of LO for
13130.7	36.02	V	--	--	Avg	3.08	225	of Channel 11
3282.67	41.04	H	74	-32.96	Peak	2.3	180	Fundamental of LO for
3282.67	32.98	H	54	-21.02	Avg	2.3	180	Channel 11
6565.33	52.39	H	--	--	Peak	2.6	0	2nd Harmonic of LO for
6565.33	49.69	H	--	--	Avg	2.6	0	Channel 11
9848	47.89	H	--	--	Peak	2.6	180	3rd Harmonic of LO for
9848	33.09	H	--	--	Avg	2.5	180	Channel 11
13130.7	50.25	H	--	--	Peak	2.5	90	4th Harmonic of LO for
13130.7	36.14	H	--	--	Avg	2.5	90	of Channel 11
								Only the Fundamental of the LO
								is in the Restricted Band

FCC 15.247

Intel Corporation — Date: 07/02/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 6 - 802.11 b Mode
Receive Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
3249.33	38.67	V	74	-35.33	Peak	2.17	225	Fundamental of LO for
3249.33	24.09	V	60	-35.91	Avg	2.17	225	Channel 6
6498.67	45.96	V	74	-28.04	Peak	2.91	315	2nd Harmonic of LO for
6498.67	39.94	V	60	-20.06	Avg	2.91	315	Channel 6
9748	48.72	V	74	-25.28	Peak	2.92	270	3rd Harmonic of LO for
9748	33.71	V	60	-26.29	Avg	2.92	270	Channel 6
3249.33	39.43	H	74	-34.57	Peak	2.72	270	Fundamental of LO for
3249.33	31.34	H	60	-28.66	Avg	2.72	270	Channel 6
6498.67	44.43	H	74	-29.57	Peak	2.15	315	2nd Harmonic of LO for
6498.67	39.55	H	60	-20.45	Avg	2.15	315	Channel 6
9748	47.18	H	74	-26.82	Peak	2.15	315	3rd Harmonic of LO for
9748	34.29	H	60	-25.71	Avg	2.15	315	Channel 6

FCC 15.247

Intel Corporation — Date: 07/06/04

Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B

Model: WM3B2915ABG — Tested By: Arnold Gaffud

Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 1 - 802.11 g Mode **Transmit Mode**

Gain : 21.0 Peak Power: 24.05 dBm Avg. Power: 17.99 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	49.17	V	74	-24.83	Peak	1.5	270	
4824	33.23	V	54	-20.77	Avg	1.5	270	
7236	65.53	V	74	-8.47	Peak	2.5	270	
7236	42.76	V	54	-11.24	Avg	2.5	270	
9648	49.31	V	--	--	Peak	2	270	Not in Restricted Band
9648	34.41	V	--	--	Avg	2	270	Not in Restricted Band
12060	55.28	V	74	-18.72	Peak	2	315	
12060	40.38	V	54	-13.62	Avg	2	315	
14472	54.21	V	74	-19.79	Peak	2	45	
14472	38.72	V	54	-15.28	Avg	2	45	
16884	52.28	V	--	--	Peak	2.5	225	
16884	38.66	V	--	--	Avg	2.5	225	
19296		V	74	-74	Peak			No Emissions
19296		V	54	-54	Avg			Detected
21708		V	--	--	Peak			No Emissions
21708		V	--	--	Avg			Detected
24120		V	--	--	Peak			No Emissions
24120		V	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/06/04

Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B

Model: WM3B2915ABG — Tested By: Arnold Gaffud

Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 1 - 802.11 g Mode **Transmit Mode**

Gain : 21.0 Peak Power: 24.05 dBm Avg. Power: 17.99 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4824	52.55	H	74	-21.45	Peak	2	45	
4824	36.74	H	54	-17.26	Avg	2	45	
7236	72.75	H	74	-1.25	Peak	2	0	
7236	48.69	H	54	-5.31	Avg	2	0	
9648	49.62	H	--	--	Peak	2	45	Not in Restricted Band
9648	34.31	H	--	--	Avg	2	45	Not in Restricted Band
12060	56.41	H	74	-17.59	Peak	2	270	
12060	39.81	H	54	-14.19	Avg	2	270	
14472	53.88	H	74	-20.12	Peak	2	225	
14472	38.45	H	54	-15.55	Avg	2	225	
16884	52.09	H	--	--	Peak	2.25	270	
16884	38.57	H	--	--	Avg	2.25	270	
19296		H	74	-74	Peak			No Emissions
19296		H	54	-54	Avg			Detected
21708		H	--	--	Peak			No Emissions
21708		H	--	--	Avg			Detected
24120		H	--	--	Peak			No Emissions
24120		H	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/06/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 6 - 802.11 g Mode **Transmit Mode**
Gain : 19.5 Peak Power: 23.76 dBm Avg. Power: 17.72 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	51.81	V	74	-22.19	Peak	2	45	
4874	35.44	V	54	-18.56	Avg	2	45	
7311	68.13	V	74	-5.87	Peak	282.7	45	
7311	46.32	V	54	-7.68	Avg	282.7	45	
9748	51.99	V	--	--	Peak	3.5	270	Not in Restricted Band
9748	36.76	V	--	--	Avg	3.5	270	Not in Restricted Band
12185	55.25	V	74	-18.75	Peak	3.5	270	
12185	40.74	V	54	-13.26	Avg	3.5	270	
14622	57.47	V	--	--	Peak	3	315	
14622	40.57	V	--	--	Avg	3	315	
17059	53.74	V	--	--	Peak	2.25	225	
17059	39.71	V	--	--	Avg	2.25	225	
19496	45.13	V	74	-28.87	Peak	2	45	
19496	31.18	V	54	-22.82	Avg	2	45	
21933		V	--	--	Peak			No Emissions
21933		V	--	--	Avg			Detected
22001		V	74	-74	Peak			No Emissions
22001		V	54	-54	Avg			Detected
24370		V	--	--	Peak			No Emissions
24370		V	--	--	Avg			Detected

FCC 15.247
Intel Corporation Date: 07/06/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter Lab: B
Model: WM3B2915ABG Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 6 - 802.11 g Mode **Transmit Mode**
Gain : 19.5 Peak Power: 23.76 dBm Avg. Power: 17.72 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4874	53.39	H	74	-20.61	Peak	2	0	
4874	36.58	H	54	-17.42	Avg	2	0	
7311	73.11	H	74	-0.89	Peak	2.5	0	Readings taken with
7311	48.68	H	54	-5.32	Avg	2.5	0	Gain of 19.5
9748	52.61	H	--	--	Peak	2	315	Not in Restricted Band
9748	37.02	H	--	--	Avg	2	315	Not in Restricted Band
12185	60.25	H	74	-13.75	Peak	2.25	315	
12185	43.51	H	54	-10.49	Avg	2.25	315	
14622	61.88	H	--	--	Peak	3.5	0	
14622	42.53	H	--	--	Avg	3.5	0	
17059	53.87	H	--	--	Peak	2	225	
17059	39.55	H	--	--	Avg	2	225	
19496		H	74	-74	Peak			No Emissions
19496		H	54	-54	Avg			Detected
21933		H	--	--	Peak			No Emissions
21933		H	--	--	Avg			Detected
22001		H	74	-74	Peak			No Emissions
22001		H	54	-54	Avg			Detected
24370		H	--	--	Peak			No Emissions
24370		H	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/06/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 11 - 802.11 g Mode **Transmit Mode**
Gain : 21.0 Peak Power: 24.13 dBm Avg. Power: 18.47 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	49.95	V	74	-24.05	Peak	2	315	
4924	32.89	V	54	-21.11	Avg	2	315	
7386	71.29	V	74	-2.71	Peak	1.75	0	
7386	45.02	V	54	-8.98	Avg	1.75	0	
9848	49.58	V	--	--	Peak	2.5	270	Not in Restricted Band
9848	33.63	V	--	--	Avg	2.5	270	Not in Restricted Band
12310	54.45	V	74	-19.55	Peak	2.5	315	
12310	38.64	V	54	-15.36	Avg	2.5	315	
14772	53.38	V	--	--	Peak	2.25	225	
14772	39.39	V	--	--	Avg	2.25	225	
17234	51.54	V	--	--	Peak	2.25	225	
17234	37.49	V	--	--	Avg	2.25	225	
19696	45.13	V	74	-28.87	Peak	2	45	
19696	31.15	V	54	-22.85	Avg	2	45	
22158		V	74	-74	Peak			No Emissions
22158		V	54	-54	Avg			Detected
24620		V	--	--	Peak			No Emissions
24620		V	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/06/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 11 - 802.11 g Mode **Transmit Mode**
Gain : 21.0 Peak Power: 24.13 dBm Avg. Power: 18.47 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
4924	52.74	H	74	-21.26	Peak	2	0	
4924	35.78	H	54	-18.22	Avg	2	0	
7386	73.83	H	74	-0.17	Peak	2.5	0	
7386	49.7	H	54	-4.3	Avg	2.5	0	
9848	53.59	H	--	--	Peak	2	315	Not in Restricted Band
9848	35.62	H	--	--	Avg	2	315	Not in Restricted Band
12310	57.7	H	74	-16.3	Peak	2.25	315	
12310	40.37	H	54	-13.63	Avg	2.25	315	
14772	59.32	H	--	--	Peak	3.25	0	
14772	40.26	H	--	--	Avg	3.25	0	
17234	51.41	H	--	--	Peak	2	270	
17234	37.51	H	--	--	Avg	2	270	
19696		H	74	-74	Peak			No Emissions
19696		H	54	-54	Avg			Detected
22158		H	74	-74	Peak			No Emissions
22158		H	54	-54	Avg			Detected
24620		H	--	--	Peak			No Emissions
24620		H	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/02/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 1 - 802.11 g Mode **Transmit Mode**
Gain : 21.0 Peak Power: 24.05 dBm Avg. Power: 17.99 dBm
Channel 6 - 802.11 g Mode **Transmit Mode**
Gain : 19.5 Peak Power: 23.76 dBm Avg. Power: 17.72 dBm
Channel 11 - 802.11 g Mode **Transmit Mode**
Gain : 21.0 Peak Power: 24.13 dBm Avg. Power: 18.47 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2312	48.5	V	74	-25.5	Peak	2.75	90	103 MHz Below the Fundamental
2312	44.51	V	54	-9.49	Avg	2.75	90	of Channel 1
2512	51.57	V	74	-22.43	Peak	3	270	103 MHz Above the Fundamental
2512	46.68	V	54	-7.32	Avg	3	270	of Channel 1
2312	52.03	H	74	-21.97	Peak	2	0	103 MHz Below the Fundamental
2312	48.75	H	54	-5.25	Avg	2	0	of Channel 1
2512	55.1	H	74	-18.9	Peak	3	0	103 MHz Above the Fundamental
2512	50.83	H	54	-3.17	Avg	3	0	of Channel 1
2336	50.93	V	74	-23.07	Peak	2.75	90	103 MHz Below the Fundamental
2336	47.53	V	54	-6.47	Avg	2.75	90	of Channel 6
2538.7	50.66	V	74	-23.34	Peak	3	270	103 MHz Above the Fundamental
2538.7	46.81	V	54	-7.19	Avg	3	270	of Channel 6
2336	54.86	H	74	-19.14	Peak	2	315	103 MHz Below the Fundamental
2336	51.64	H	54	-2.36	Avg	2	315	of Channel 6
2538.7	55.8	H	74	-18.2	Peak	1.75	0	103 MHz Above the Fundamental
2538.7	51.39	H	54	-2.61	Avg	1.75	0	of Channel 6
2360	50.07	V	74	-23.93	Peak	2.75	90	103 MHz Below the Fundamental
2360	45.41	V	54	-8.59	Avg	2.75	90	of Channel 11
2565	47.92	V	74	-26.08	Peak	1.75	90	103 MHz Above the Fundamental
2565	41.13	V	54	-12.87	Avg	1.75	90	of Channel 11
2360	53.79	H	74	-20.21	Peak	1.5	315	103 MHz Below the Fundamental
2360	49.43	H	54	-4.57	Avg	1.5	315	of Channel 11
2564	52.98	H	74	-21.02	Peak	3	315	103 MHz Above the Fundamental
2564	46.5	H	54	-7.5	Peak	3	315	of Channel 11

FCC 15.247

Intel Corporation — Date: 07/02/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 1 - 802.11 g Mode **Transmit Mode**
Gain : 21.0 Peak Power: 24.05 dBm Avg. Power: 17.99 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
3216	37.52	V	74	-36.48	Peak	3	135	Fundamental of LO for
3216	29.14	V	54	-24.86	Avg	3	135	Channel 1
6432	44.32	V	--	--	Peak	3.5	180	2nd Harmonic of LO for
6432	39.22	V	--	--	Avg	3.5	180	Channel 1
9648	49.31	V	--	--	Peak	2	270	3rd Harmonic of LO
9648	34.41	V	--	--	Avg	2	270	Channel 1
12864	46.19	V	--	--	Peak	2.25	225	4th Harmonic of LO for
12864	32.38	V	--	--	Avg	2.25	225	Channel 1
3216	40.91	H	74	-33.09	Peak	3	315	Fundamental of LO for
3216	33.36	H	54	-20.64	Avg	3	315	Channel 1
6432	48.09	H	--	--	Peak	2	315	2nd Harmonic of LO for
6432	45.76	H	--	--	Avg	2	315	Channel 1
9648	49.62	H	--	--	Peak	2	45	3rd Harmonic of LO
9648	34.31	H	--	--	Avg	2	45	Channel 1
12864	46.01	H	--	--	Peak	2	225	4th Harmonic of LO for
12864	32.34	H	--	--	Avg	2	225	Channel 1
								Only the Fundamental of the LO
								is in the Restricted Band

FCC 15.247

Intel Corporation — Date: 07/02/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 6 - 802.11 g Mode **Transmit Mode**
Gain : 19.5 Peak Power: 23.76 dBm Avg. Power: 17.72 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
3249.33	39.19	V	74	-34.81	Peak	3	0	Fundamental of LO for
3249.33	32.16	V	54	-21.84	Avg	3	0	Channel 6
6498.67	45.93	V	--	--	Peak	3.5	45	2nd Harmonic of LO for
6498.67	42.08	V	--	--	Avg	3.5	45	Channel 6
9748	51.99	V	--	--	Peak	3.5	270	3rd Harmonic of LO
9748	36.76	V	--	--	Avg	3.5	270	Channel 6
12997.3	46.82	V	--	--	Peak	2.5	270	4th Harmonic of LO for
12997.3	32.89	V	--	--	Avg	2.5	270	Channel 6
3249.33	41.84	H	74	-32.16	Peak	2.5	180	Fundamental of LO for
3249.33	33.25	H	54	-20.75	Avg	2.5	180	Channel 6
6498.67	51.07	H	--	--	Peak	2.5	0	2nd Harmonic of LO for
6498.67	49.09	H	--	--	Avg	2.5	0	Channel 6
9748	52.61	H	--	--	Peak	2	315	3rd Harmonic of LO
9748	37.02	H	--	--	Avg	2	315	Channel 6
12997.3	46.89	H	--	--	Peak	2	225	4th Harmonic of LO for
12997.3	33.15	H	--	--	Avg	2	225	of Channel 6
								Only the Fundamental of the LO
								is in the Restricted Band

FCC 15.247

Intel Corporation — Date: 07/02/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 11 - 802.11 g Mode **Transmit Mode**
Gain : 21.0 Peak Power: 24.13 dBm Avg. Power: 18.47 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
3282.67	40.18	V	74	-33.82	Peak	3	180	Fundamental of LO for
3282.67	30.35	V	54	-23.65	Avg	3	180	Channel 11
6565.33	46.85	V	--	--	Peak	3.5	180	2nd Harmonic of LO for
6565.33	41.61	V	--	--	Avg	3.5	180	Channel 11
9848	49.58	V	--	--	Peak	2.5	270	3rd Harmonic of LO
9848	33.63	V	--	--	Avg	2.5	270	Channel 11
13130.7	49.32	V	--	--	Peak	2.25	225	4th Harmonic of LO for
13130.7	36.11	V	--	--	Avg	2.25	225	of Channel 11
3282.67	42.6	H	74	-31.4	Peak	1.75	180	Fundamental of LO for
3282.67	33.99	H	54	-20.01	Avg	1.75	180	Channel 11
6565.33	52.17	H	--	--	Peak	2.5	0	2nd Harmonic of LO for
6565.33	49.38	H	--	--	Avg	2.5	0	Channel 11
9848	53.59	H	--	--	Peak	2	315	3rd Harmonic of LO
9848	35.62	H	--	--	Avg	2	315	Channel 11
13130.7	49.95	H	--	--	Peak	2	225	4th Harmonic of LO for
13130.7	36.21	H	--	--	Avg	2	225	of Channel 11
								Only the Fundamental of the LO
								is in the Restricted Band

FCC 15.247

Intel Corporation — Date: 07/02/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 6 - 802.11 g Mode
Receive Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
3249.33	39.42	V	74	-34.58	Peak	3	0	Fundamental of LO for
3249.33	29.44	V	60	-30.56	Avg	3	0	Channel 6
6498.67	47.09	V	74	-26.91	Peak	3.5	315	2nd Harmonic of LO for
6498.67	41.75	V	60	-18.25	Avg	3.5	315	Channel 6
9748	47.51	V	74	-26.49	Peak	2.5	225	3rd Harmonic of LO for
9748	33.78	V	60	-26.22	Avg	2.5	225	Channel 6
3249.33	39.63	H	74	-34.37	Peak	2.5	270	Fundamental of LO for
3249.33	29.64	H	60	-30.36	Avg	2.5	270	Channel 6
6498.67	46.21	H	74	-27.79	Peak	2.5	225	2nd Harmonic of LO for
6498.67	39.96	H	60	-20.04	Avg	2.5	225	Channel 6
9748	47.16	H	74	-26.84	Peak	2.5	225	3rd Harmonic of LO for
9748	33.81	H	60	-26.19	Avg	2.5	225	Channel 6

FCC 15.247

Intel Corporation — Date: 07/01/04

Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B

Model: WM3B2195ABG — Tested By: Arnold Gaffud

Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 149 - 802.11 a Mode **Transmit Mode**

Gain : 18.5 Peak Power: 20.25 dBm Avg. Power: 17.01 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
11490	62.24	V	74	-11.76	Peak	2.16	45	
11490	47.23	V	54	-6.77	Avg	2.16	45	
17235	51.8	V	--	--	Peak	2.16	180	Not in Restricted Band
17235	39.27	V	--	--	Avg	2.16	180	Not in Restricted Band
22980		V	74	-74	Peak			No Emissions
22980		V	54	-54	Avg			Detected
28725		V	--	--	Peak			No Emissions
28725		V	--	--	Avg			Detected
34470		V	--	--	Peak			No Emissions
34470		V	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/01/04

Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B

Model: WM3B2195ABG — Tested By: Arnold Gaffud

Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 149 - 802.11 a Mode **Transmit Mode**

Gain : 18.5 Peak Power: 20.25 dBm Avg. Power: 17.01 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
11490	65.35	H	74	-8.65	Peak	2.06	45	
11490	50.98	H	54	-3.02	Avg	2.06	45	
17235	51.47	H	--	--	Peak	1.95	225	Not in Restricted Band
17235	38.75	H	--	--	Avg	1.95	225	Not in Restricted Band
22980		H	74	-74	Peak			No Emissions
22980		H	54	-54	Avg			Detected
28725		H	--	--	Peak			No Emissions
28725		H	--	--	Avg			Detected
34470		H	--	--	Peak			No Emissions
34470		H	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/01/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2195ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 157 - 802.11 a Mode **Transmit Mode**
Gain : 19.0 Peak Power: 20.37 dBm Avg. Power: 17.28 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
11570	62.93	V	74	-11.07	Peak	2.3	45	
11570	48.08	V	54	-5.92	Avg	2.3	45	
17355	52.56	V	--	--	Peak	1.83	180	Not in Restricted Band
17355	39.02	V	--	--	Avg	1.83	180	Not in Restricted Band
23140		V	74	-74	Peak			No Emissions
23140		V	54	-54	Avg			Detected
28912.5		V	--	--	Peak			No Emissions
28912.5		V	--	--	Avg			Detected
34710		V	--	--	Peak			No Emissions
34710		V	--	--	Avg			Detected

FCC 15.247
Intel Corporation Date: 07/01/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter Lab: B
Model: WM3B2195ABG Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 157 - 802.11 a Mode **Transmit Mode**
Gain : 19.0 Peak Power: 20.37 dBm Avg. Power: 17.28 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
11570	64.8	H	74	-9.2	Peak	1.93	45	
11570	50.21	H	54	-3.79	Avg	1.93	45	
17355	54.37	H	--	--	Peak	2.74	315	Not in Restricted Band
17355	39.25	H	--	--	Avg	2374	315	Not in Restricted Band
23140		H	74	-74	Peak			No Emissions
23140		H	54	-54	Avg			Detected
28912.5		H	--	--	Peak			No Emissions
28912.5		H	--	--	Avg			Detected
34710		H	--	--	Peak			No Emissions
34710		H	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/01/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2195ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 165 - 802.11 a Mode **Transmit Mode**
Gain : 19.0 Peak Power: 20.42 dBm Avg. Power: 17.24 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
11650	61	V	74	-13	Peak	2.45	45	
11650	45.53	V	54	-8.47	Avg	2.45	45	
17475	52.4	V	--	--	Peak	2.19	0	Not in Restricted Band
17475	38.99	V	--	--	Avg	2.19	0	Not in Restricted Band
23300		V	--	--	Peak			No Emissions
23300		V	--	--	Avg			Detected
29125		V	--	--	Peak			No Emissions
29125		V	--	--	Avg			Detected
34950		V	--	--	Peak			No Emissions
34950		V	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/01/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2195ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 165 - 802.11 a Mode **Transmit Mode**
Gain : 19.0 Peak Power: 20.42 dBm Avg. Power: 17.24 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
11650	63.36	H	74	-10.64	Peak	2	45	
11650	48.43	H	54	-5.57	Avg	2	45	
17475	52.34	H	--	--	Peak	2.48	315	Not in Restricted Band
17475	39.14	H	--	--	Avg	2.48	315	Not in Restricted Band
23300		H	--	--	Peak			No Emissions
23300		H	--	--	Avg			Detected
29125		H	--	--	Peak			No Emissions
29125		H	--	--	Avg			Detected
34950		H	--	--	Peak			No Emissions
34950		H	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/01/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2195ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 149 - 802.11 a Mode **Transmit Mode**
Gain : 18.5 Peak Power: 20.25 dBm Avg. Power: 17.01 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
7660	53.96	V	74	-20.04	Peak	2.28	0	Fundamental of LO for
7660	49.03	V	54	-4.97	Avg	2.28	0	Channel 149
15320	54.71	V	74	-74	Peak	2.28	270	2nd Harmonic of LO for
15320	41.07	V	54	-54	Avg	2.28	270	Channel 149
22980		V	74	-74	Peak			No Emissions
22980		V	54	-54	Avg			Detected
30640		V	--	--	Peak			No Emissions
30640		V	--	--	Avg			Detected
38300		V	--	--	Peak			No Emissions
38300		V	--	--	Avg			Detected
7660	54.84	H	74	-19.16	Peak	1.27	45	Fundamental of LO for
7660	50.02	H	54	-3.98	Avg	1.27	45	Channel 149
15320	54.64	H	74	-74	Peak	1.67	180	2nd Harmonic of LO for
15320	41.18	H	54	-54	Avg	1.67	180	Channel 149
22980		H	74	-74	Peak			No Emissions
22980		H	54	-54	Avg			Detected
30640		H	--	--	Peak			No Emissions
30640		H	--	--	Avg			Detected
38300		H	--	--	Peak			No Emissions
38300		H	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/01/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2195ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 157 - 802.11 a Mode **Transmit Mode**
Gain : 19.0 Peak Power: 20.37 dBm Avg. Power: 17.28 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
7713.33	50.27	V	74	-23.73	Peak	2.28	315	Fundamental of LO for
7713.3	44.61	V	54	-9.39	Avg	2.28	315	Channel 157
15246.7	55.77	V	--	--	Peak	2.28	270	2nd Harmonic of LO for
15246.7	42.6	V	--	--	Avg	2.28	270	Channel 157
23140		V	74	-74	Peak			No Emissions
23140		V	54	-54	Avg			Detected
30853		V	--	--	Peak			No Emissions
30853		V	--	--	Avg			Detected
38567		V	--	--	Peak			No Emissions
38567		V	--	--	Avg			Detected
7713.33	51.68	H	74	-22.32	Peak	2.26	45	Fundamental of LO for
7713.33	46.08	H	54	-7.92	Avg	2.26	45	Channel 157
15246.7	57.68	H	--	--	Peak	2.26	45	2nd Harmonic of LO for
15246.7	42.78	H	--	--	Avg	2.26	45	Channel 157
23140		H	74	-74	Peak			No Emissions
23140		H	54	-54	Avg			Detected
30853		H	--	--	Peak			No Emissions
30853		H	--	--	Avg			Detected
38567		H	--	--	Peak			No Emissions
38567		H	--	--	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/01/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2195ABG — Tested By: Arnold Gaffud
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 165 - 802.11 a Mode **Transmit Mode**
Gain : 19.0 Peak Power: 20.42 dBm Avg. Power: 17.24 dBm

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
7766.67	48.75	V	--	--	Peak	2.32	0	Fundamental of LO for
7766.7	42.75	V	--	--	Avg	2.32	0	Channel 165
15533.3	54.12	V	74	-19.88	Peak	2.32	270	2nd Harmonic of LO for
15533	41.45	V	54	-12.55	Avg	2.32	270	Channel 165
23300		V	--	--	Peak			No Emissions
23300		V	--	--	Avg			Detected
31066		V	--	--	Peak			No Emissions
31066		V	--	--	Avg			Detected
38833		V	74	-74	Peak			No Emissions
38833		V	54	-54	Avg			Detected
7766.67	50.12	H	--	--	Peak	2.43	270	Fundamental of LO for
7766.7	42.86	H	--	--	Avg	2.43	270	Channel 165
15533.3	56.79	H	74	-17.21	Peak	2.43	45	2nd Harmonic of LO for
15533	41.41	H	54	-12.59	Avg	2.43	45	Channel 165
23300		H	--	--	Peak			No Emissions
23300		H	--	--	Avg			Detected
31066		H	--	--	Peak			No Emissions
31066		H	--	--	Avg			Detected
38833		H	74	-74	Peak			No Emissions
38833		H	54	-54	Avg			Detected

FCC 15.247

Intel Corporation — Date: 07/01/04

Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B

Model: WM3B2195ABG — Tested By: Arnold Gaffud

Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 157 - 802.11 a Mode
Receive Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
7713.33	40.19	V	80	-39.81	Peak	2.81	45	Fundamental of LO for
7713.33	27.64	V	60	-32.36	Avg	2.81	45	Channel 157
15246.7	54.9	V	80	-25.1	Peak	2.03	270	2nd Harmonic of LO for
15246.7	42.57	V	60	-17.43	Avg	2.03	270	Channel 157
23140		V	80	-80	Peak			3rd Harmonic of LO for
23140		V	60	-60	Avg			Channel 157 - No Emissions Detected
7713.33	42.71	H	80	-37.29	Peak	2.43	225	Fundamental of LO for
7713.33	29.72	H	60	-30.28	Avg	2.43	225	Channel 157
15246.7	57.85	H	80	-22.15	Peak	2.43	90	2nd Harmonic of LO for
15246.7	42.52	H	60	-17.48	Avg	2.43	90	Channel 157
23140		H	80	-80	Peak			3rd Harmonic of LO for
23140		H	60	-60	Avg			Channel 157 - No Emissions Detected

COMPATIBLE ELECTRONICS

Test Location : Compatible Electronics — **Page** : 1/1
Customer : Intel Corporation — **Date** : 7/09/2004
Manufacturer : Intel Corporation — **Time** : 9:42:02
Eut name : Intel Mini PCI Type 802.11ABG WLAN Adapter — **Lab** : A
Model : WM3B2915ABG — **Test Distance** : 3.0 Meters
Serial # : N/A
Specification : FCC Class B
Distance correction factor (20 * log(test/spec)) : 0.00
Test Mode : Radiated Emissions 10 kHz to 1000 MHz
Vertical Polarization
Transmit Mode Worse Case -- For the PP3006 Platform
Tested By: Kyle Fujimoto

Pol	Freq	Rdng	Cable loss	Ant factor	Amp gain	Cor'd rdg = R	Limit = L	Delta R-L
	MHz	dBuV	dB	dB	dB	dBuV	dBuV/m	dB
1V	41.468	52.20	1.83	10.53	32.40	32.16	40.00	-7.84
2V	45.976	48.90	1.92	9.49	32.40	27.91	40.00	-12.09
3V	64.217	49.00	2.23	9.33	32.46	28.11	40.00	-11.89
4V	69.499	51.10	2.39	8.20	32.40	29.28	40.00	-10.72
5V	323.956	45.40	3.70	13.30	32.25	30.15	46.00	-15.85
6V	365.367	45.00	3.96	13.93	32.20	30.69	46.00	-15.31
7V	467.279	41.70	4.94	16.49	32.00	31.13	46.00	-14.87
8V	486.866	51.10	5.10	17.04	32.00	41.24	46.00	-4.76
9V	432.040	47.90	4.63	15.44	32.07	35.89	46.00	-10.11
10V	515.484	48.80	5.26	17.65	31.94	39.78	46.00	-6.22
11V	528.058	48.90	5.31	17.85	31.89	40.18	46.00	-5.82
12V	720.089	41.80	6.12	20.07	31.78	36.20	46.00	-9.80

COMPATIBLE ELECTRONICS

Test Location : Compatible Electronics — **Page** : 1/1
Customer : Intel Corporation — **Date** : 7/09/2004
Manufacturer : Intel Corporation — **Time** : 10:11:43
Eut name : Intel Mini PCI Type 802.11ABG WLAN Adapter — **Lab** : A
Model : WM3B2915ABG — **Test Distance** : 3.0 Meters
Serial # : N/A
Specification : FCC Class B
Distance correction factor (20 * log(test/spec)) : 0.00
Test Mode : Radiated Emissions 10 kHz to 1000 MHz
Horizontal Polarization
Transmit Mode Worse Case -- For the PP3006 Platform
Test By: Kyle Fujimoto

Pol	Freq	Rdng	Cable loss	Ant factor	Amp gain	Cor'd rdg = R	Limit = L	Delta R-L
	MHz	dBuV	dB	dB	dB	dBuV	dBuV/m	dB
1H	300.000	40.80	3.60	12.90	32.30	25.00	46.00	-21.00
2H	346.465	40.60	3.79	13.65	32.21	25.83	46.00	-20.17
3H	352.860	40.00	3.83	13.75	32.20	25.38	46.00	-20.62
4H	406.225	37.50	4.37	14.61	32.17	24.30	46.00	-21.70
5H	472.079	38.70	4.98	16.63	32.00	28.31	46.00	-17.69
6H	507.615	35.90	5.23	17.52	31.97	26.69	46.00	-19.31
7H	752.358	41.90	6.00	20.79	31.88	36.82	46.00	-9.18
8H	550.066	36.90	5.40	18.19	31.80	28.69	46.00	-17.31
9H	40.066	36.30	1.80	11.17	32.40	16.87	40.00	-23.13

FCC 15.247

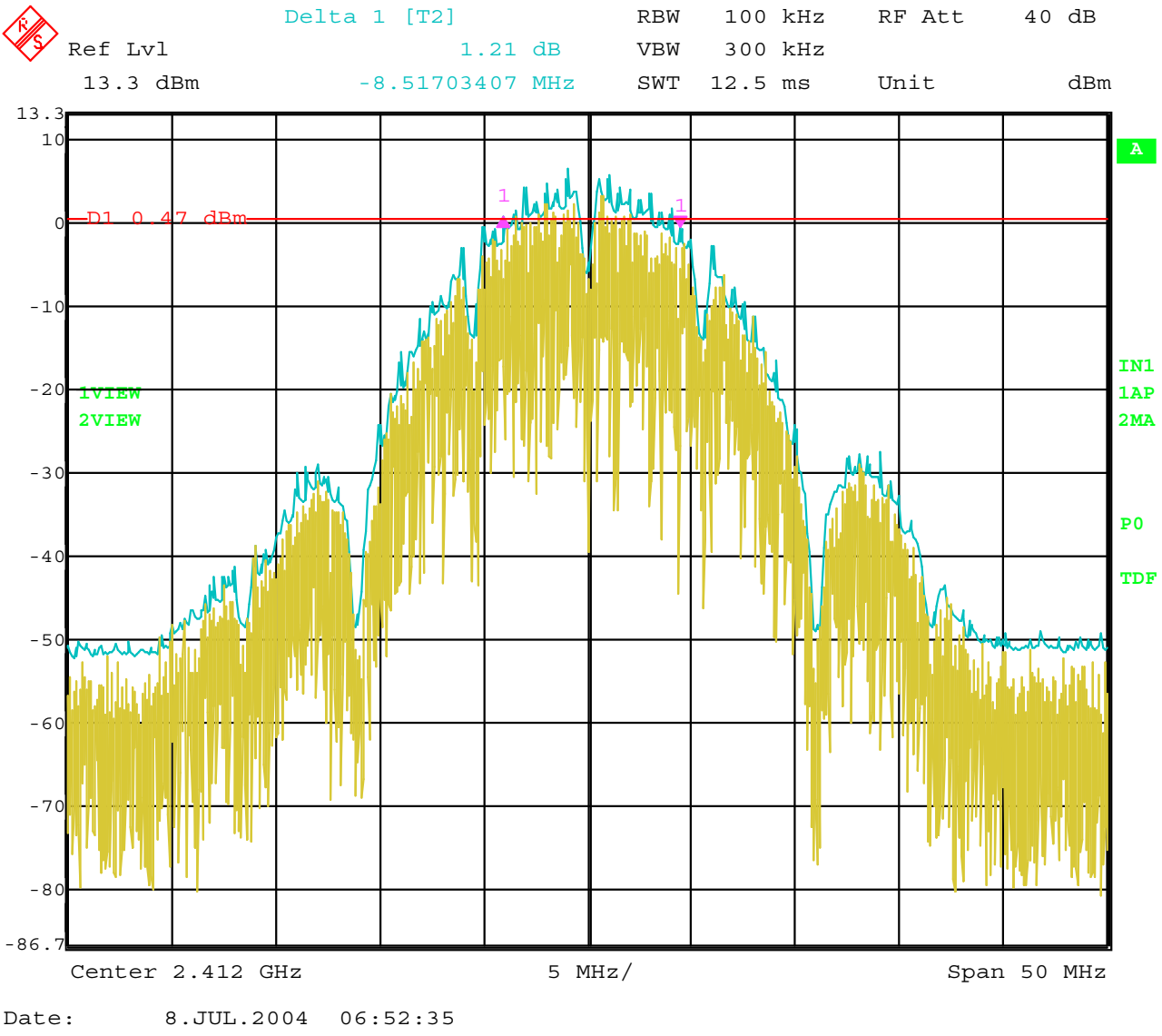
Intel Corporation — Date: 07/08/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Benigno Chavez
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Digital Portion - 1 GHz to 40 GHz

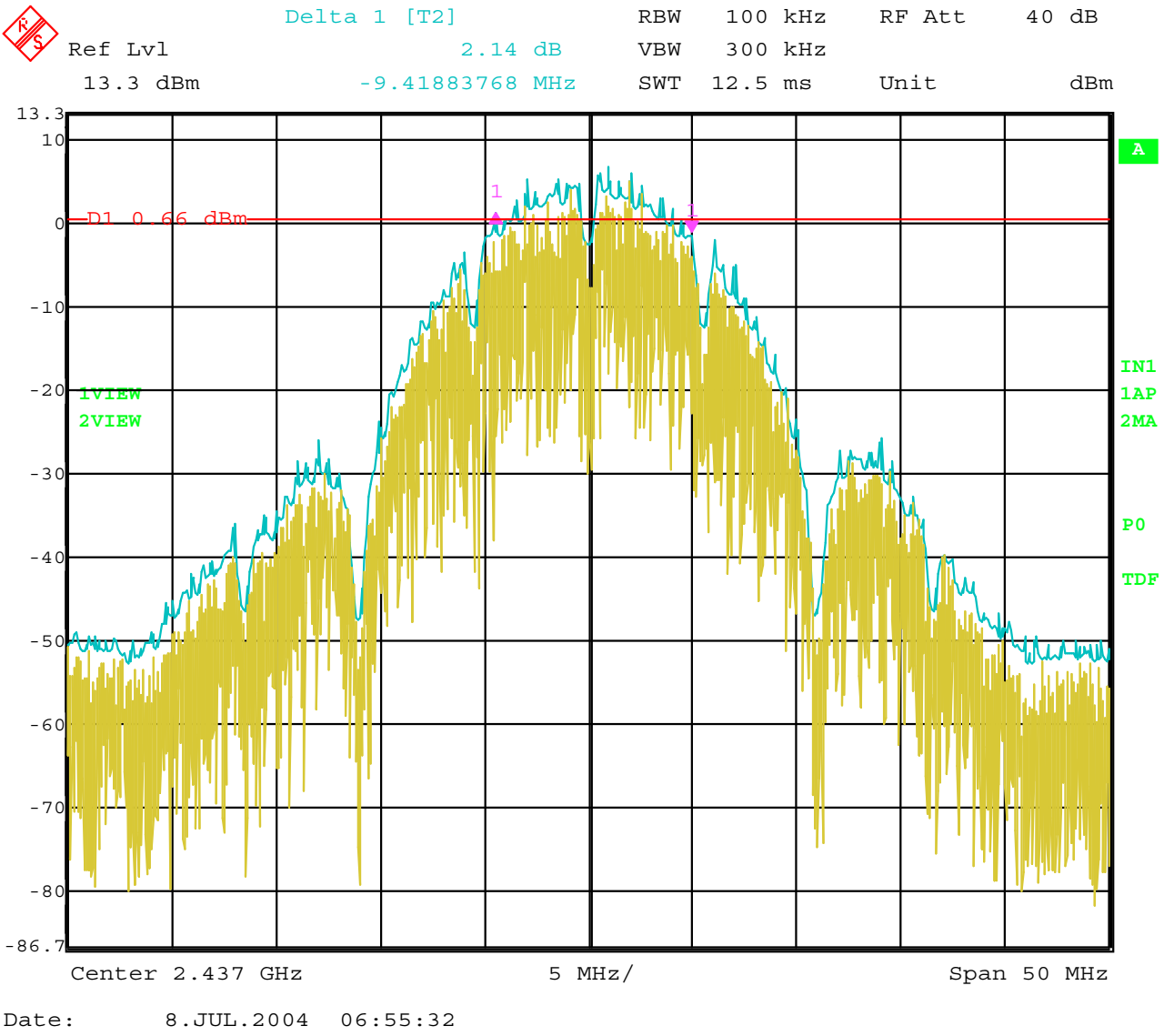
Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1202.8	37.19	V	74	-36.81	Peak	3.25	315	
1202.8	30.73	V	54	-23.27	Avg	3.25	315	
1603.7	40.7	V	74	-33.3	Peak	3	0	
1603.7	36.74	V	54	-17.26	Avg	3	0	
1603.6	36.44	H	74	-37.56	Peak	2.5	270	
1603.6	30.66	H	54	-23.34	Avg	2.5	270	

-6 dB BANDWIDTH

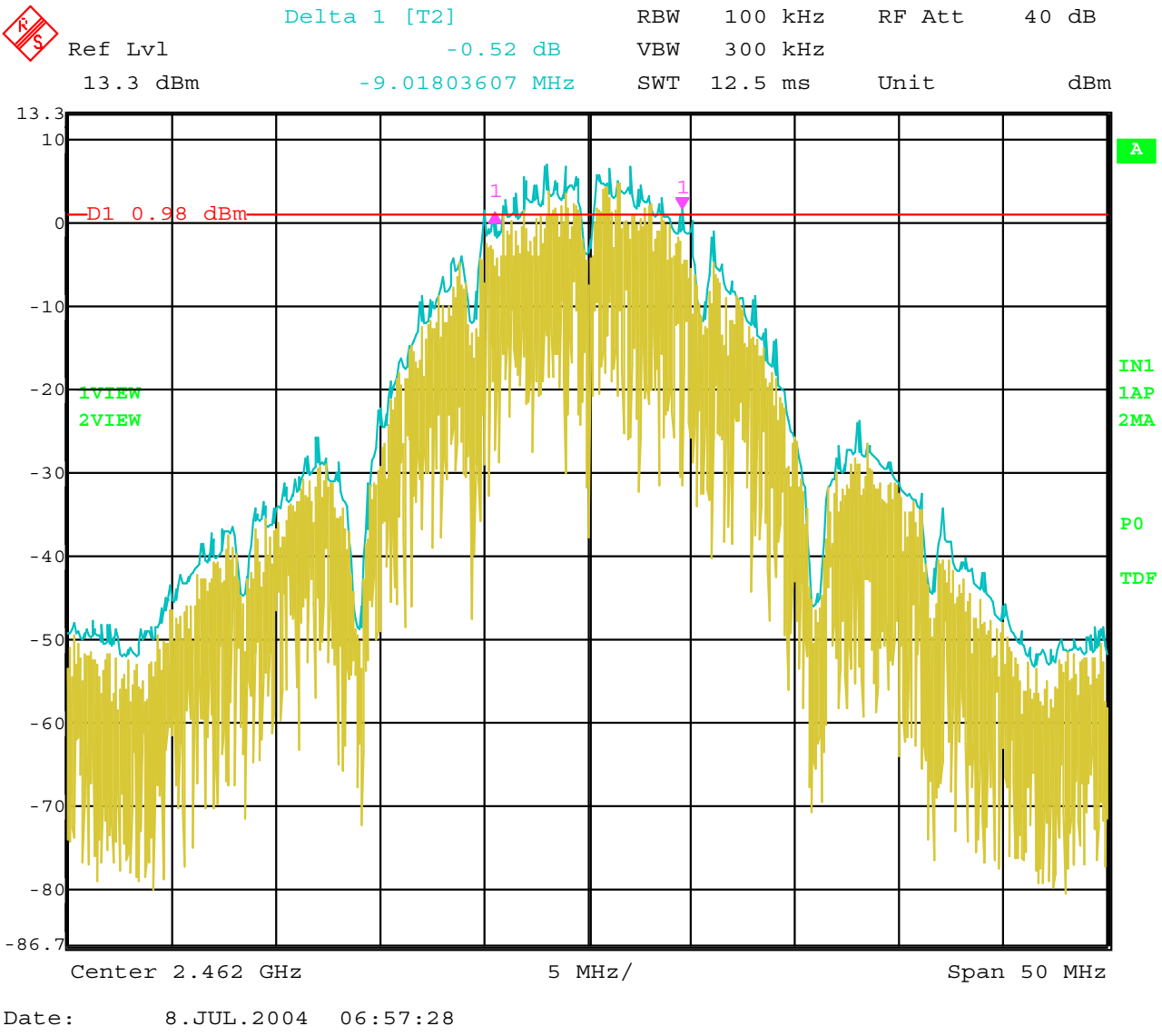
DATA SHEETS



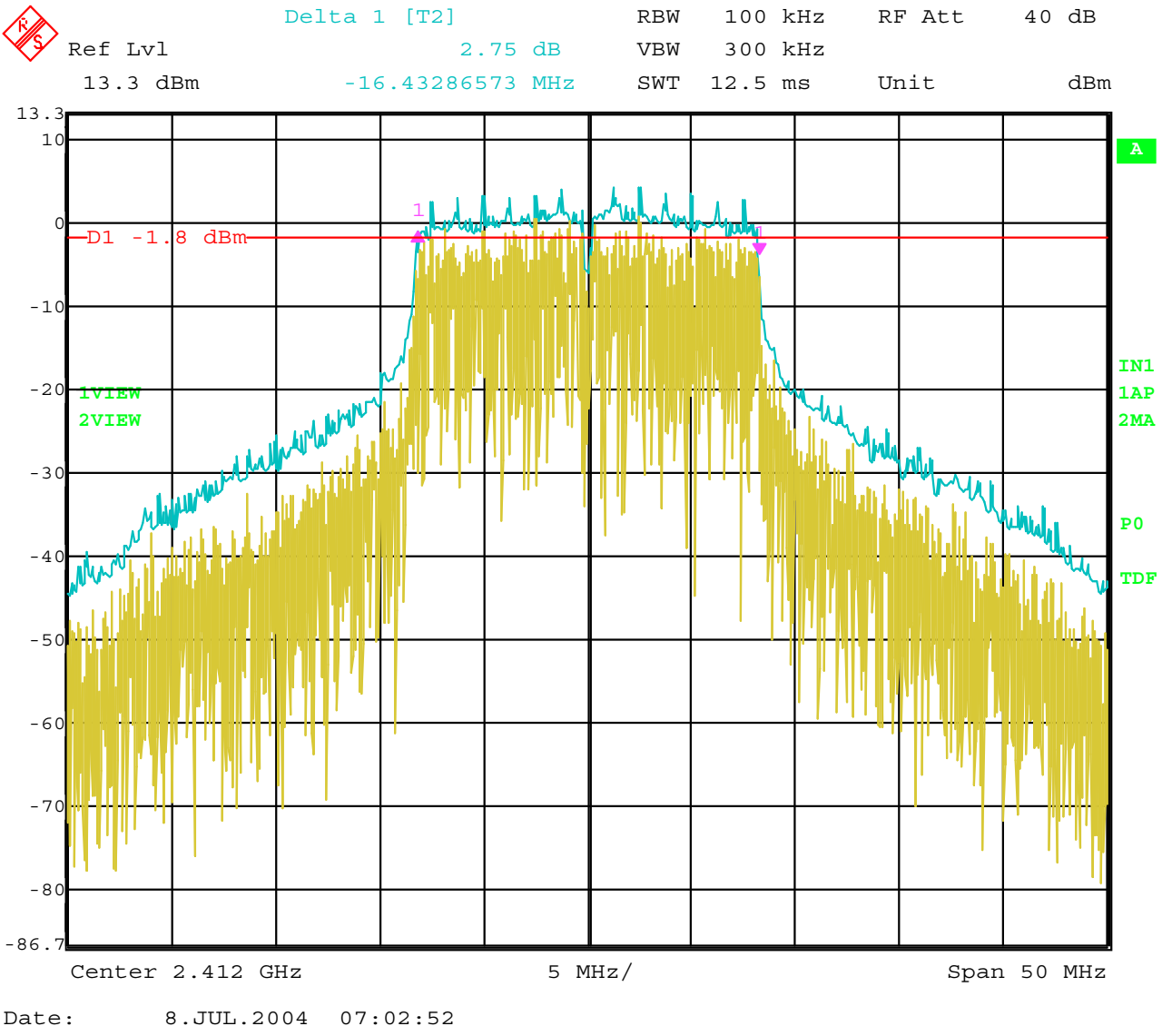
Bandwidth 6 dB – Channel 1 – 802.11 b Mode



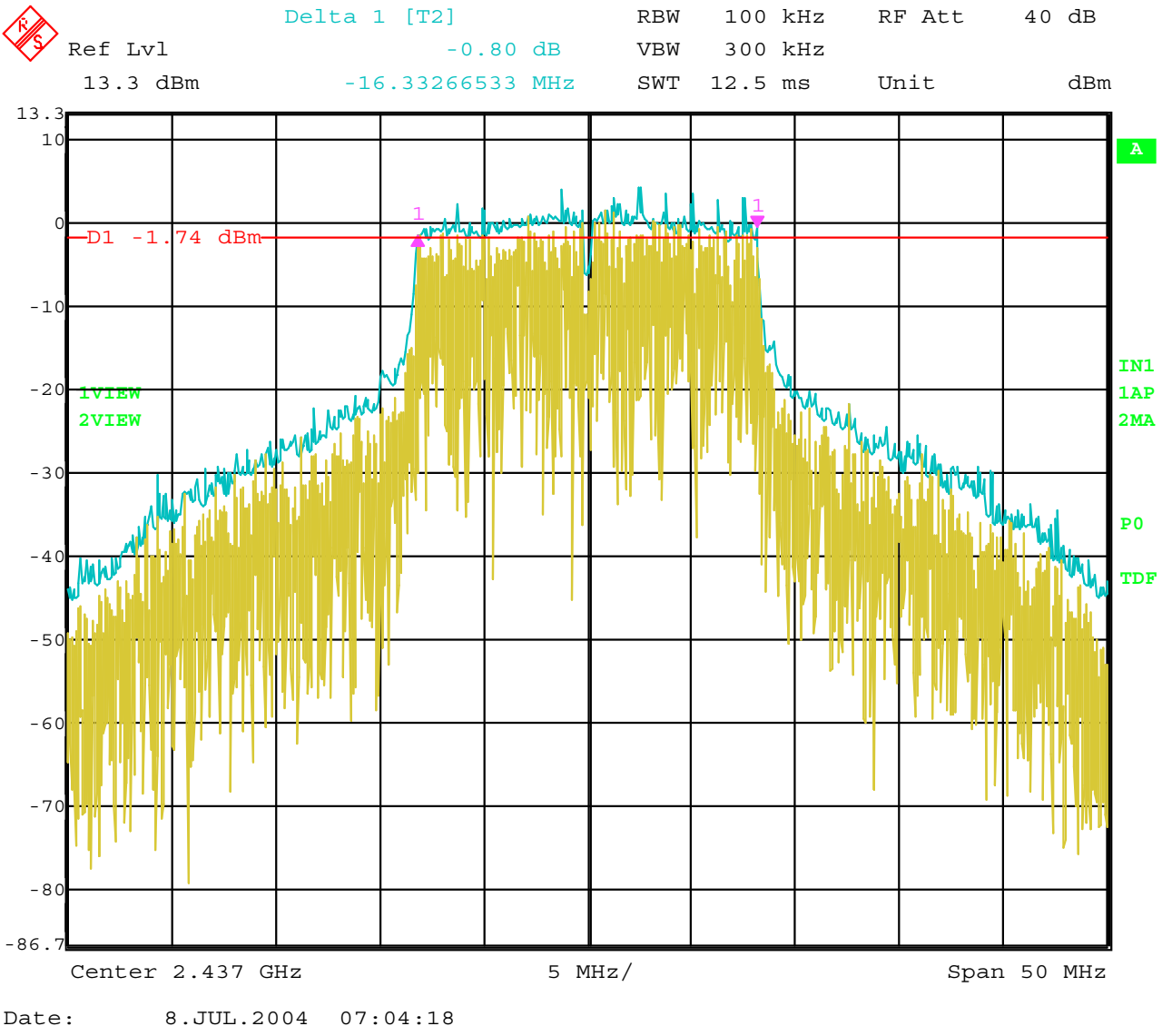
Bandwidth 6 dB – Channel 6 – 802.11 b Mode



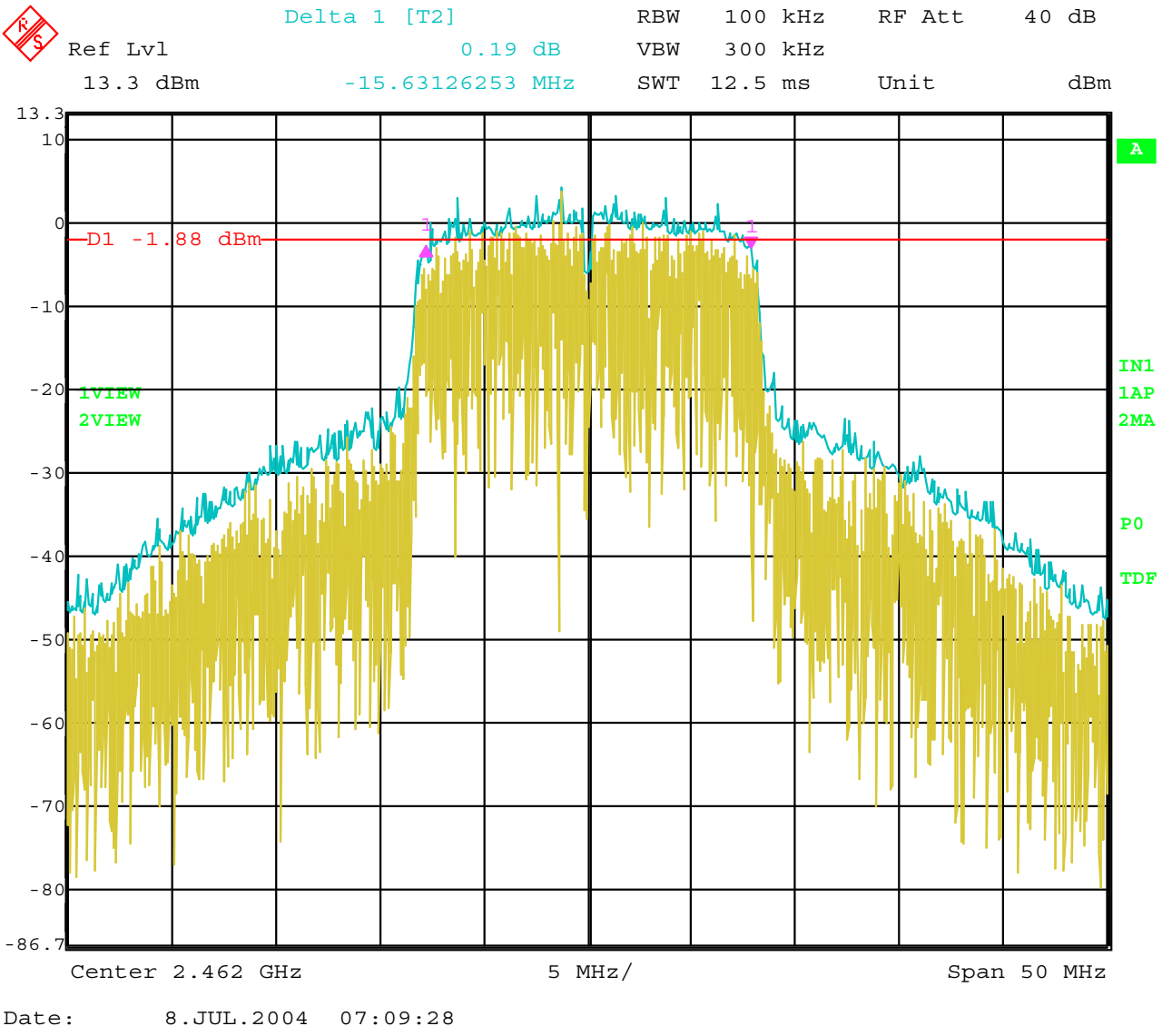
Bandwidth 6 dB – Channel 11 – 802.11 b Mode



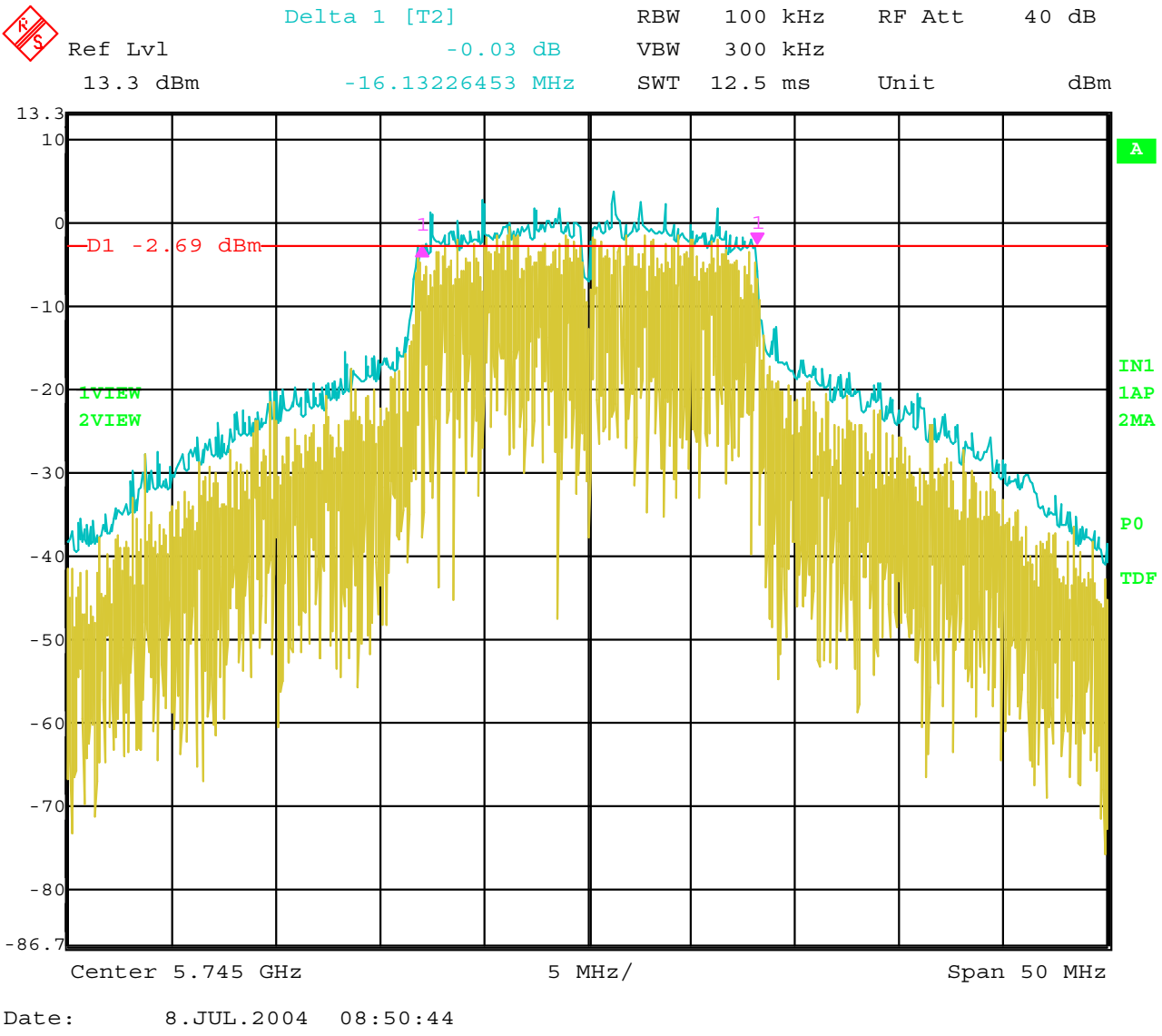
Bandwidth 6 dB – Channel 1 – 802.11 g Mode



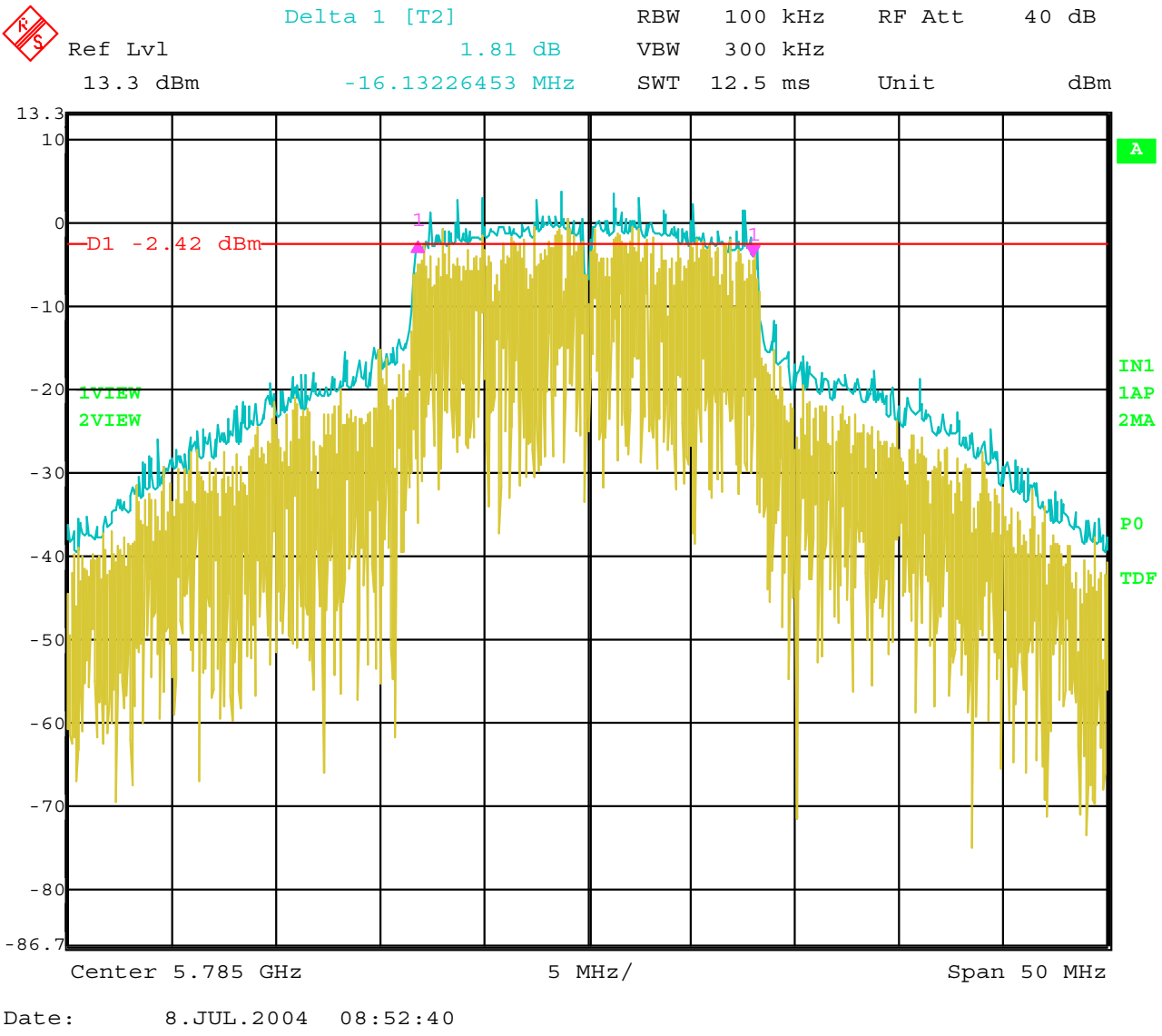
Bandwidth 6 dB – Channel 6 – 802.11 g Mode



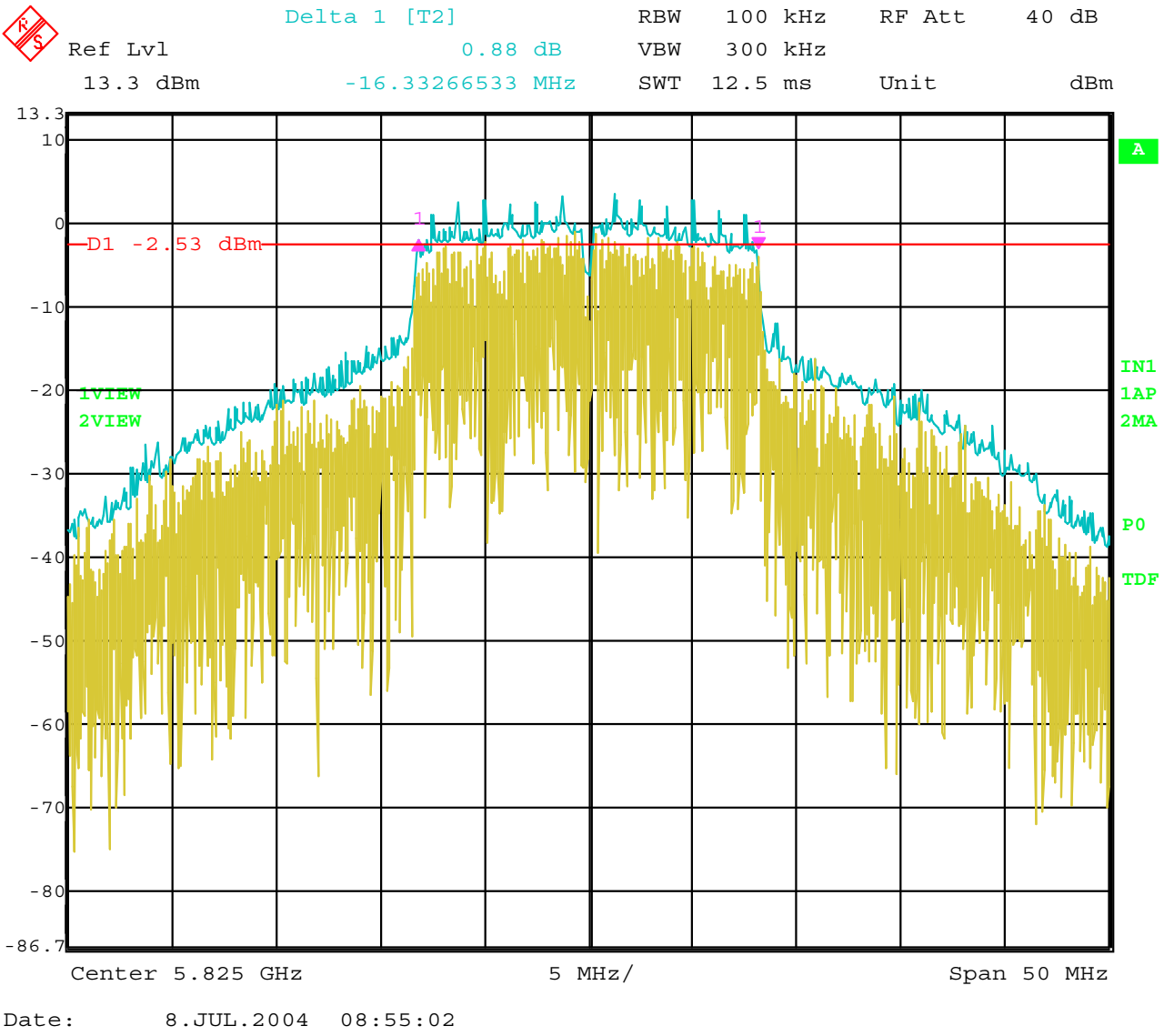
Bandwidth 6 dB – Channel 11 – 802.11 g Mode



Bandwidth 6 dB – Channel 149 – 802.11 a Mode



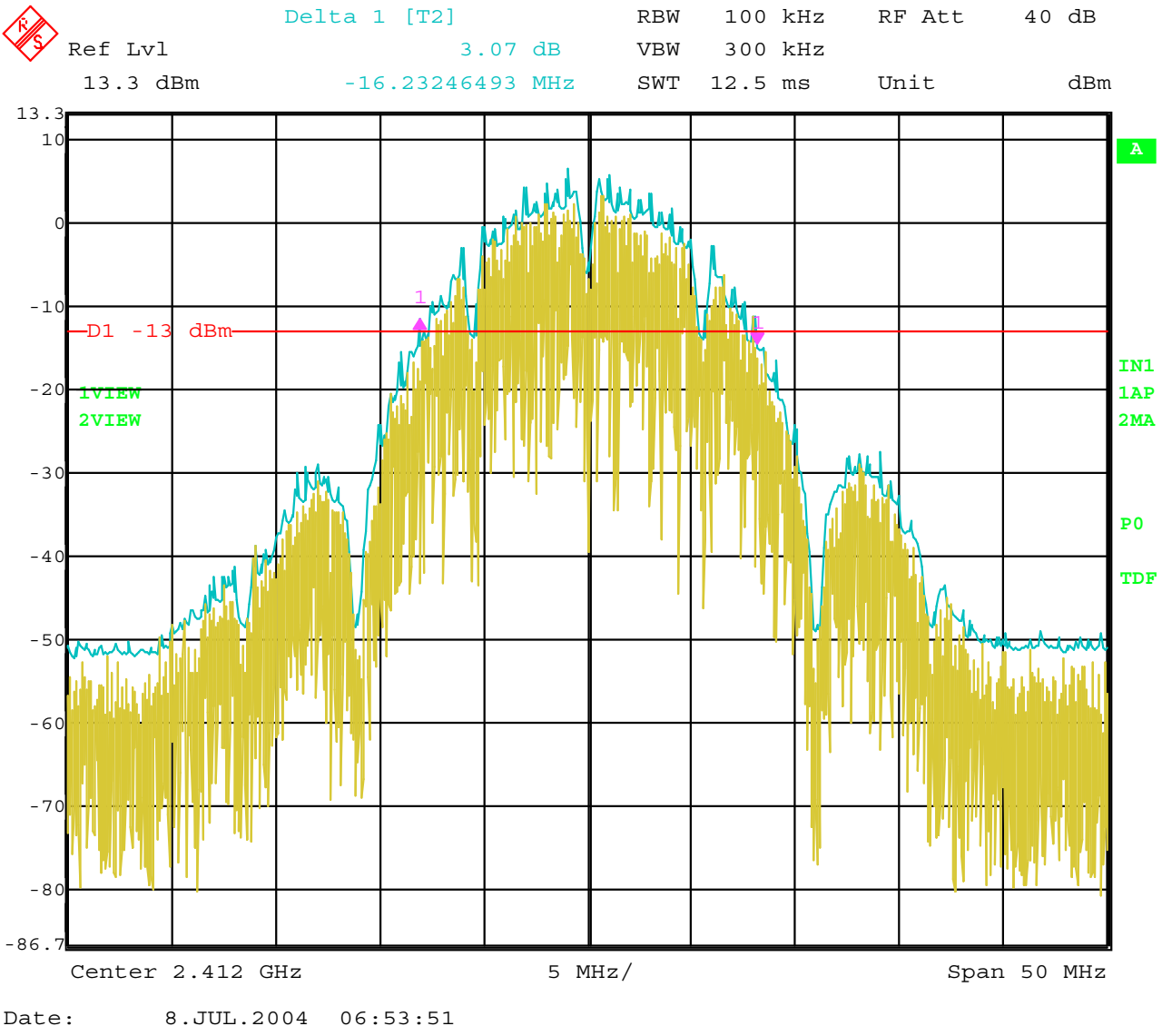
Bandwidth 6 dB – Channel 157 – 802.11 a Mode



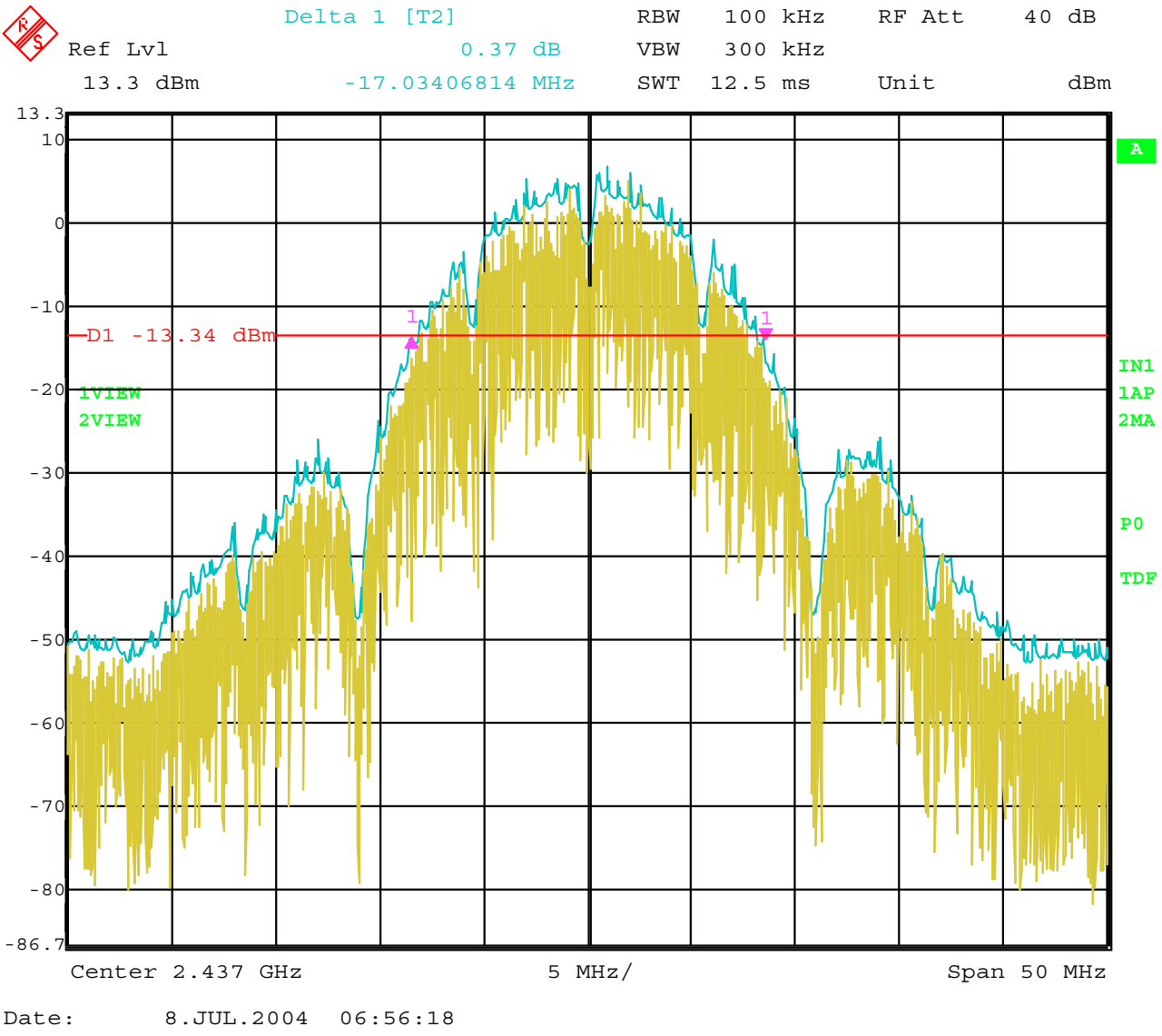
Bandwidth 6 dB – Channel 165 – 802.11 a Mode

-20 dB BANDWIDTH

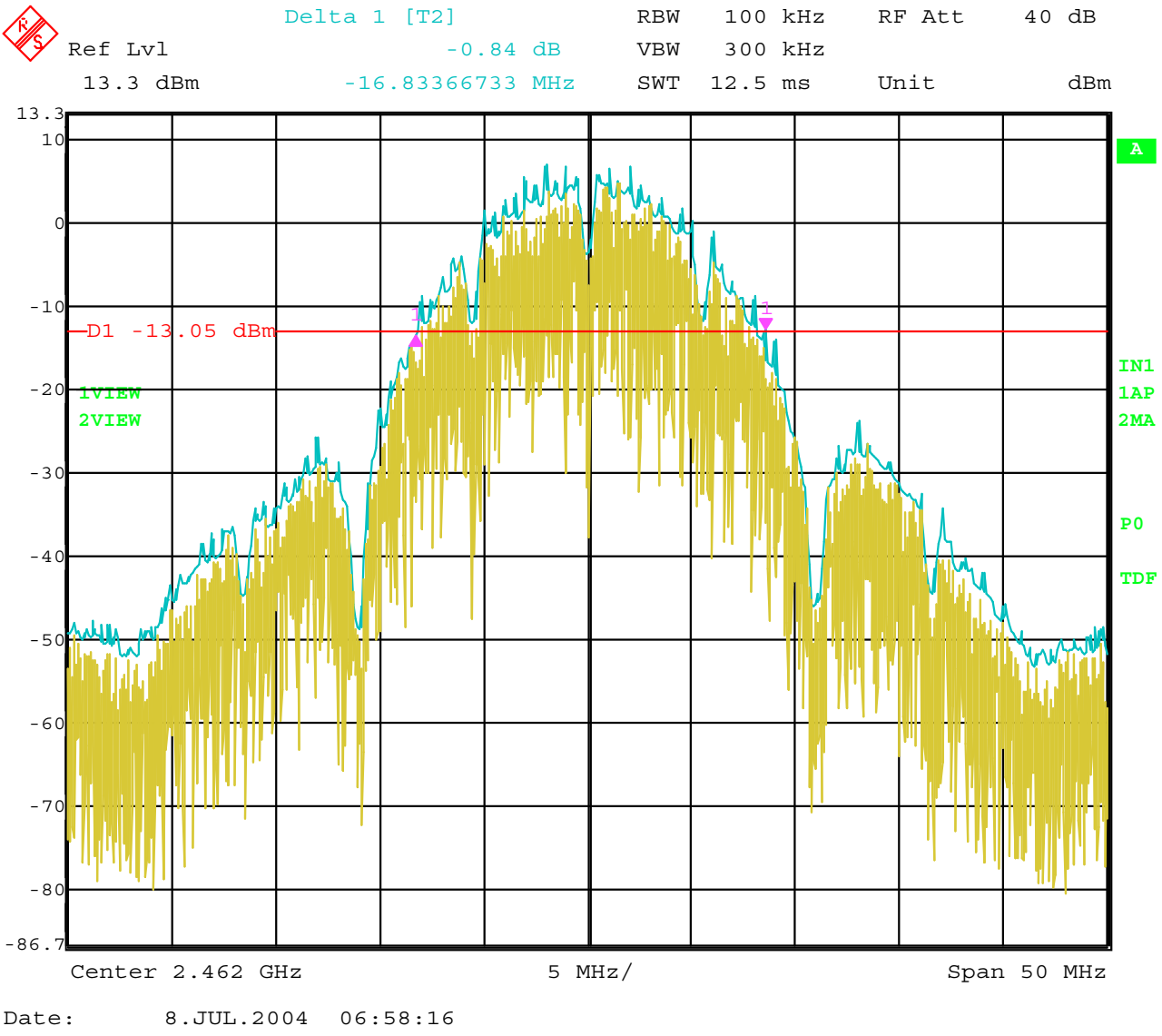
DATA SHEETS



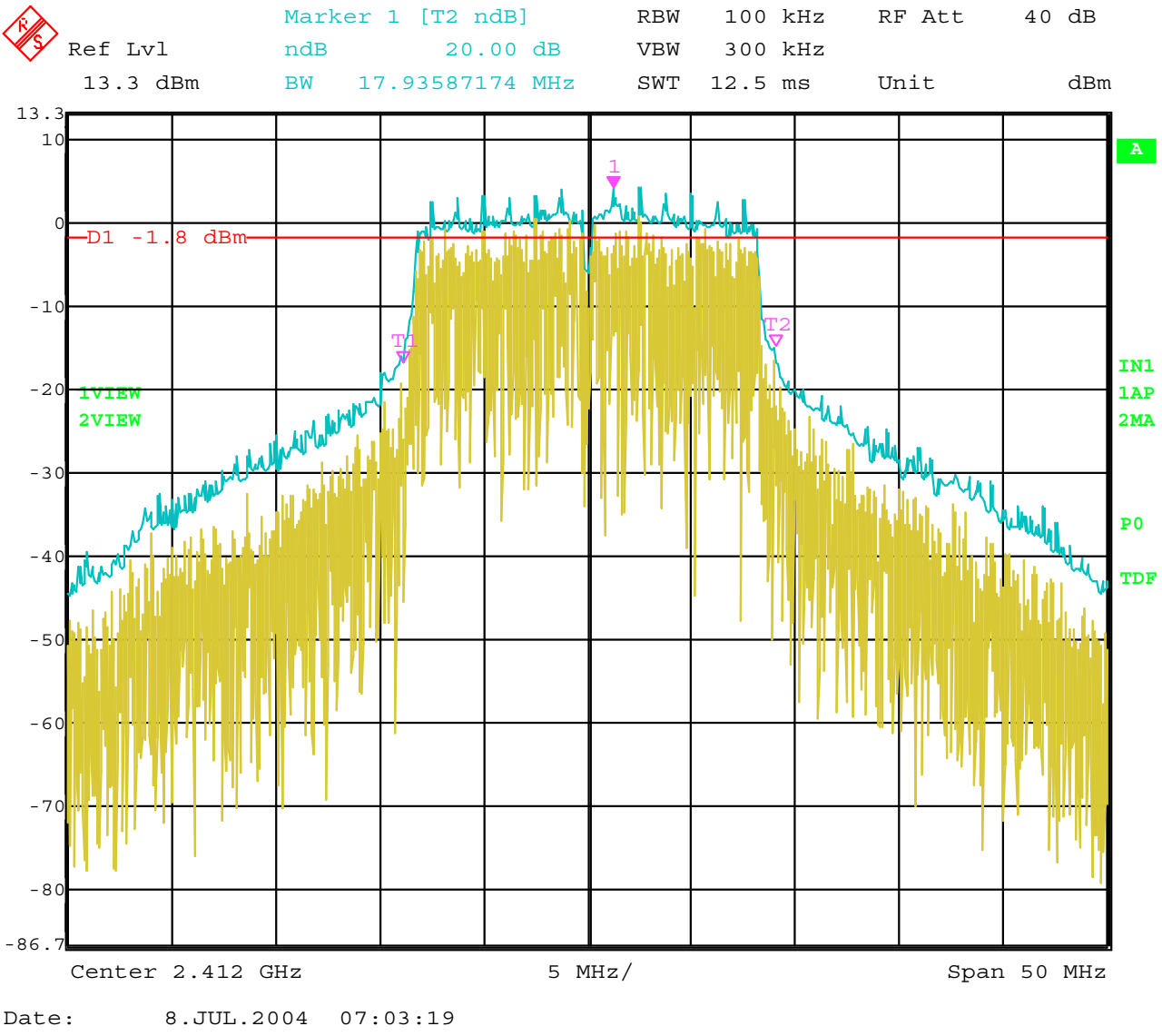
Bandwidth 20 dB – Channel 1 – 802.11 b Mode



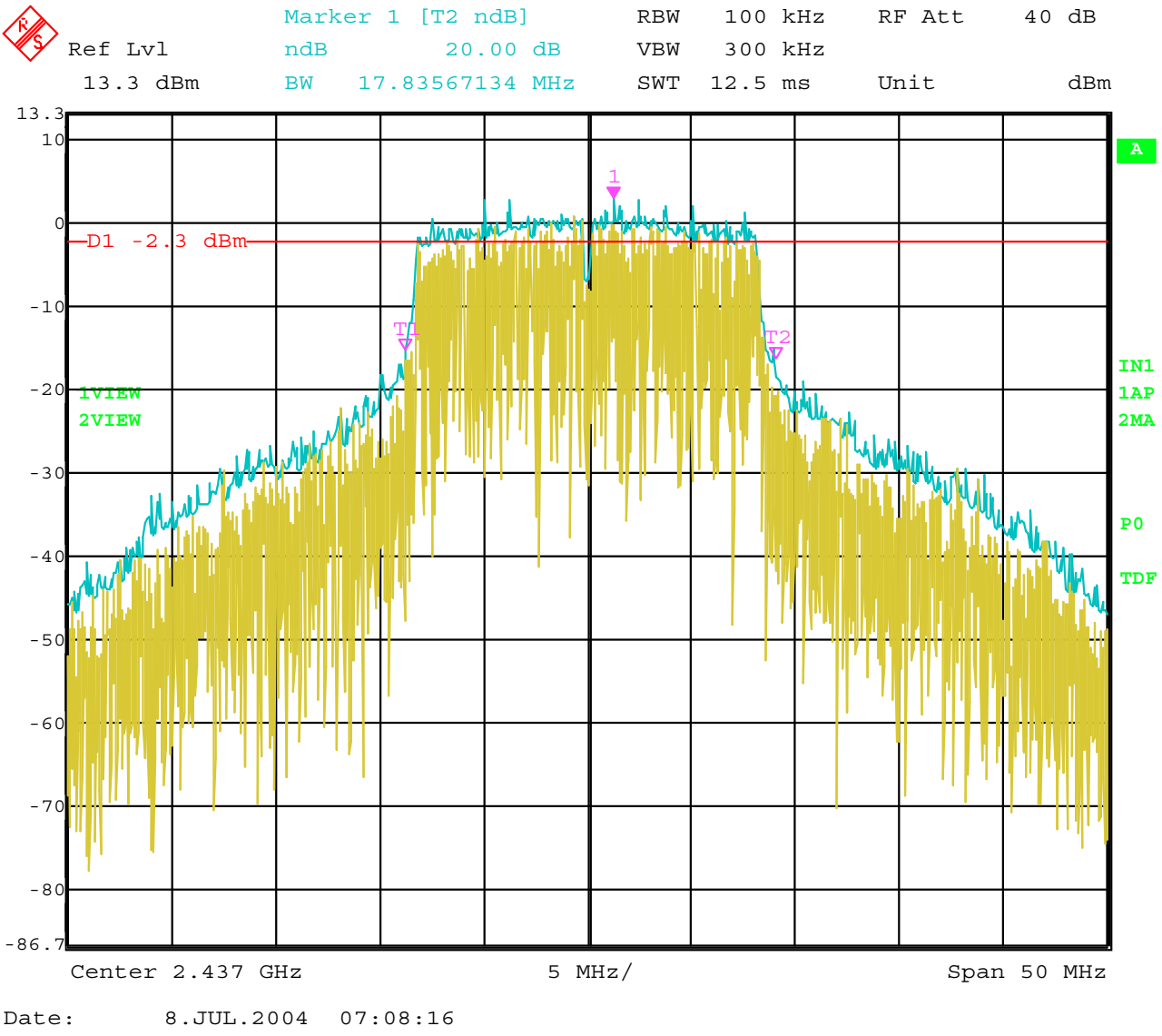
Bandwidth 20 dB – Channel 6 – 802.11 b Mode



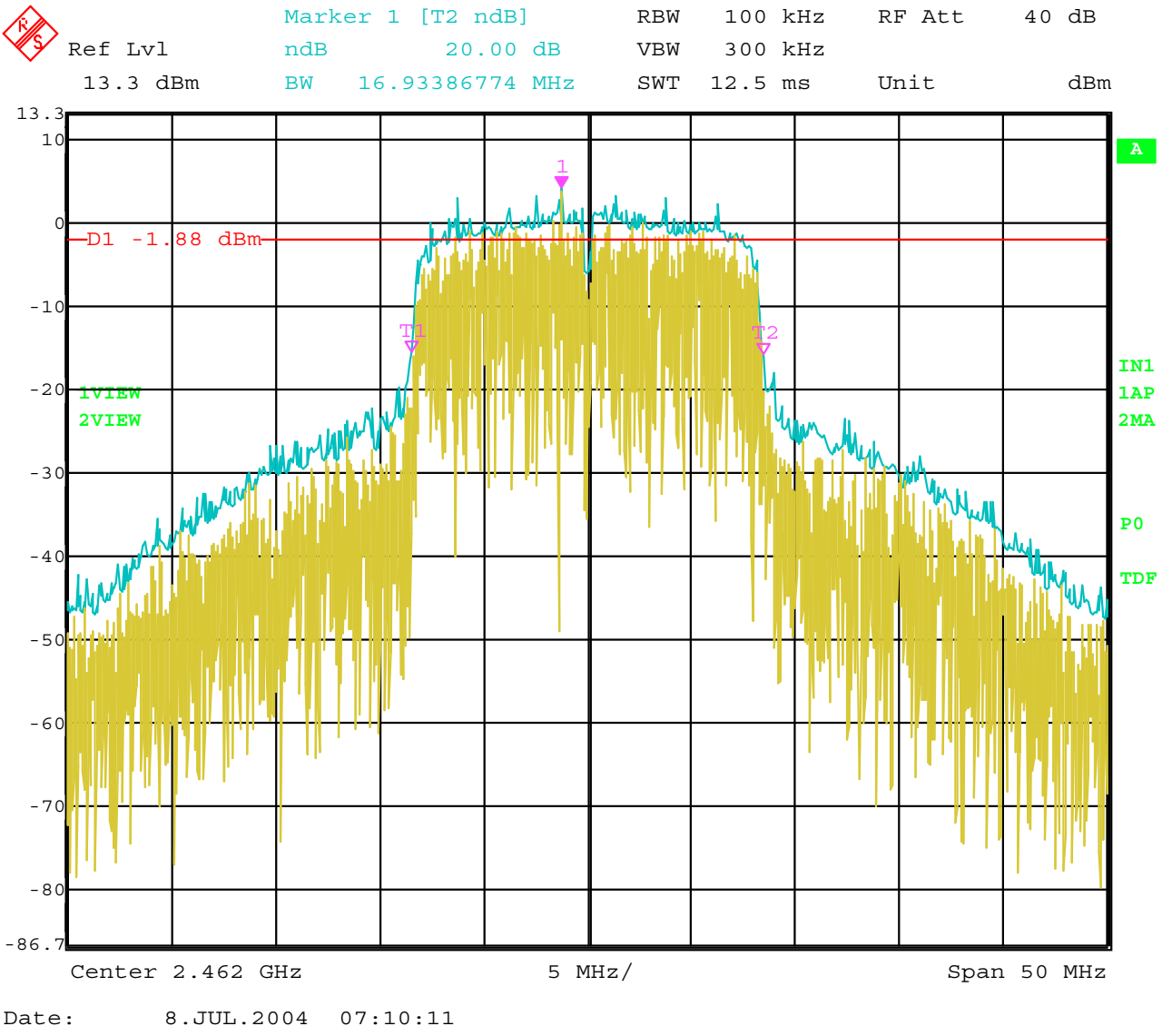
Bandwidth 20 dB – Channel 11 – 802.11 b Mode



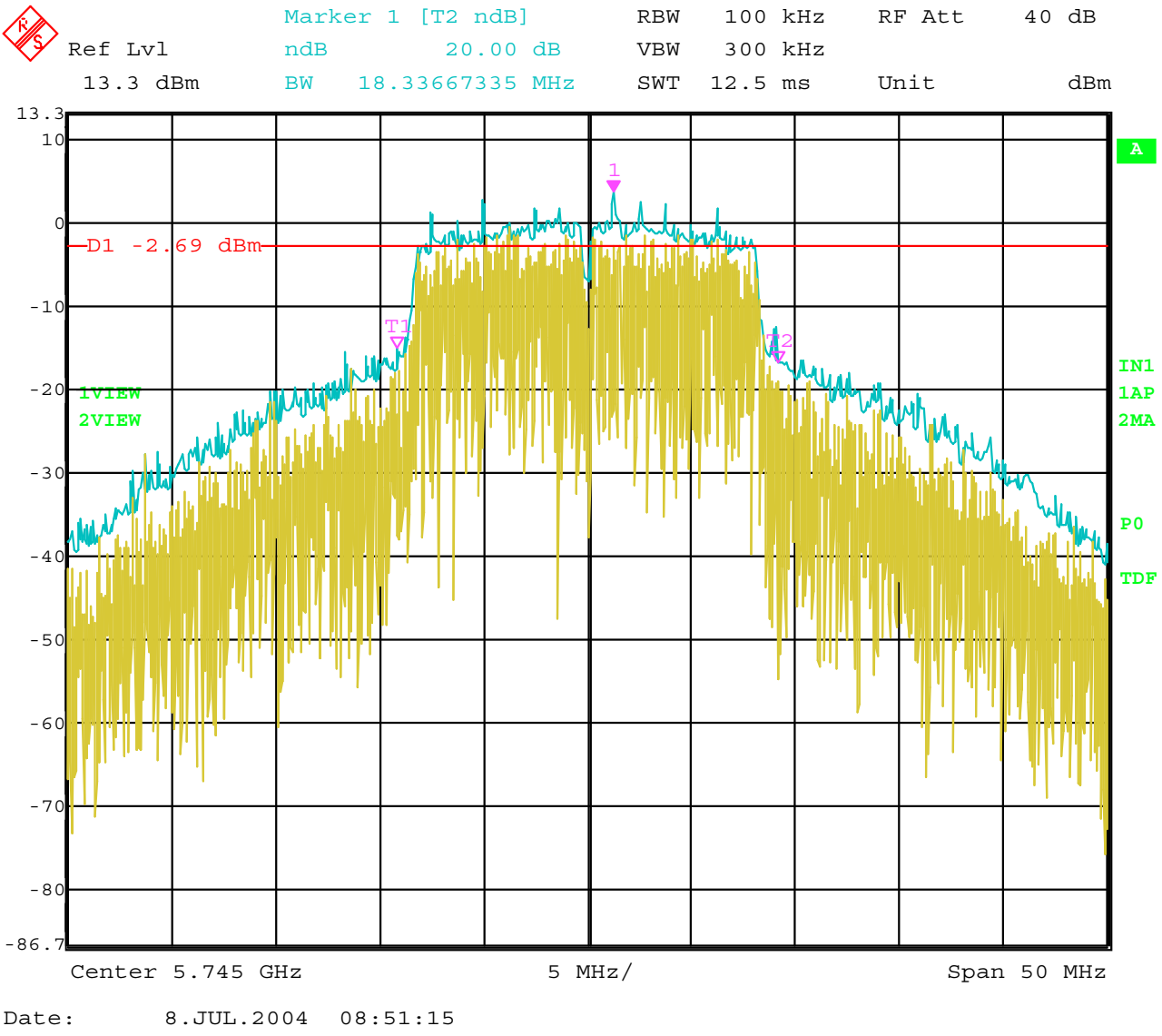
Bandwidth 20 dB – Channel 1 – 802.11 g Mode



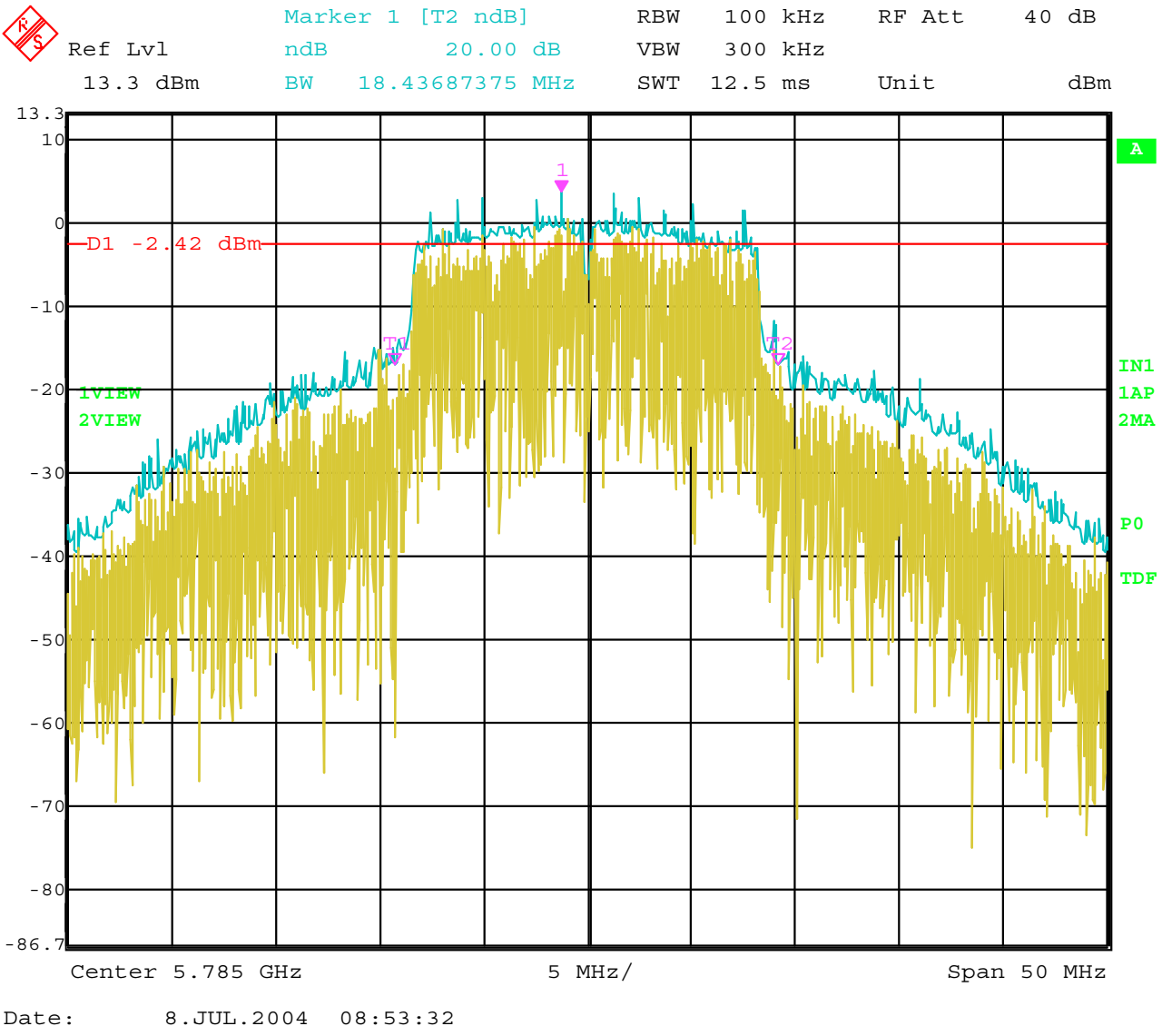
Bandwidth 20 dB – Channel 6 – 802.11 g Mode



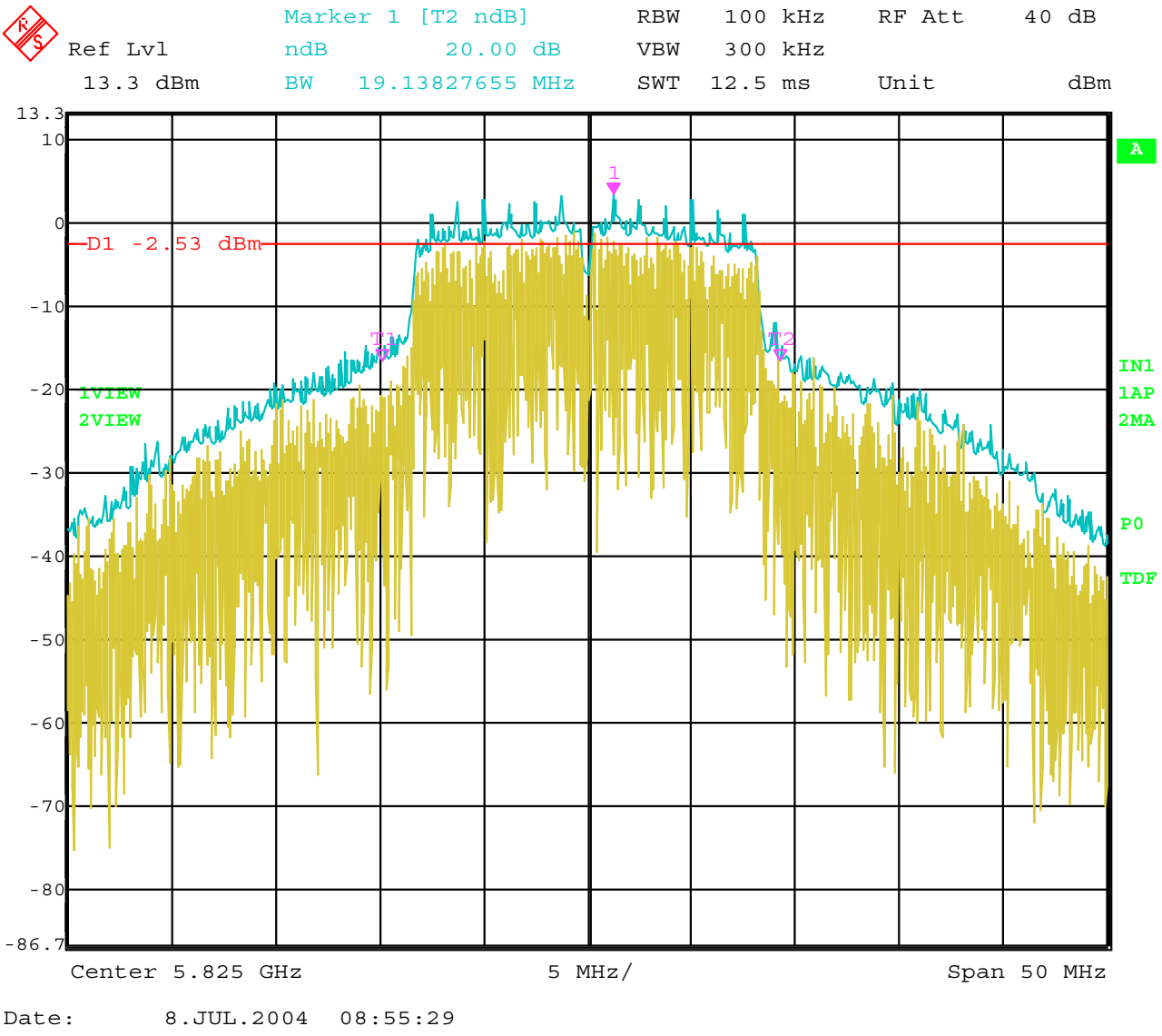
Bandwidth 20 dB – Channel 11 – 802.11 g Mode



Bandwidth 20 dB – Channel 149 – 802.11 a Mode



Bandwidth 20 dB – Channel 157 – 802.11 a Mode



Bandwidth 20 dB – Channel 165 – 802.11 a Mode

PEAK POWER OUTPUT

DATA SHEETS

PEAK OUTPUT POWER

Intel Corporation

Intel Mini PCI Type 802.11 ABG Wireless LAN Adapter

MODEL: WM3B2915ABG

For use in the HP Agency Series #: PP3006 (Tablet Type)

802.11 b Mode (Worst Case Rate is 1 Mbps)

CHANNEL	GAIN	PEAK POWER OUTPUT (dBm)
1 (2412 MHz)	18.0	19.01
6 (2437 MHz)	17.5	19.00
11 (2462 MHz)	18.0	19.21

802.11 g Mode (Worst Case Rate is 6 Mbps)

CHANNEL	GAIN	PEAK POWER OUTPUT (dBm)
1 (2412 MHz)	21.0	24.05
6 (2437 MHz)	19.5	23.76
11 (2462 MHz)	21.0	24.13

PEAK OUTPUT POWER

Intel Corporation

Intel Mini PCI Type 802.11 ABG Wireless LAN Adapter

MODEL: WM3B2915ABG

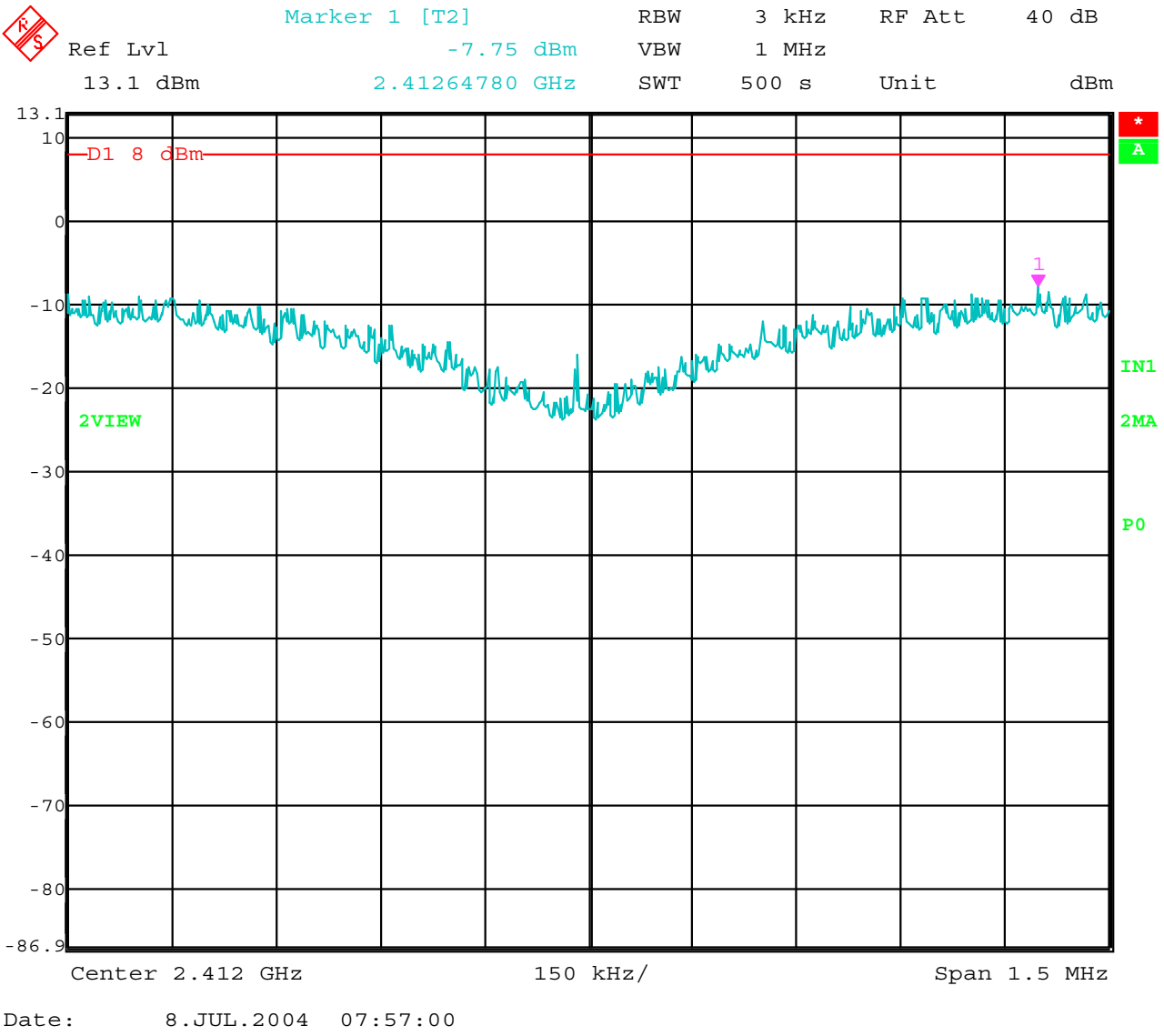
For use in the HP Agency Series #: PP3006 (Tablet Type)

802.11 a Mode (Worst Case Rate is 6 Mbps)

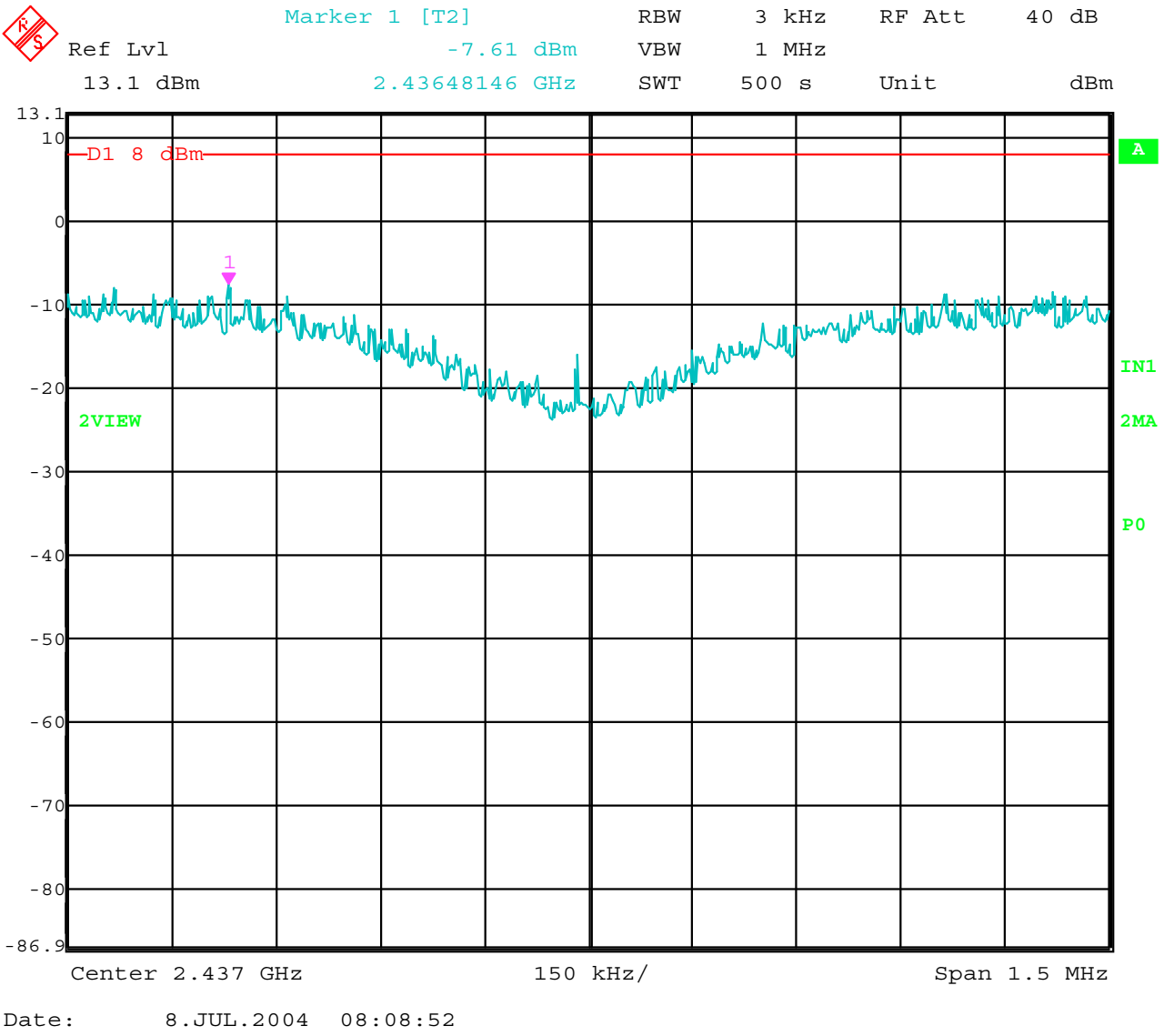
CHANNEL	GAIN	PEAK POWER OUTPUT (dBm)
149 (5745 MHz)	18.5	20.25
157 (5785 MHz)	19.0	20.37
165 (5825 MHz)	19.0	20.42

PEAK POWER SPECTRAL DENSITY

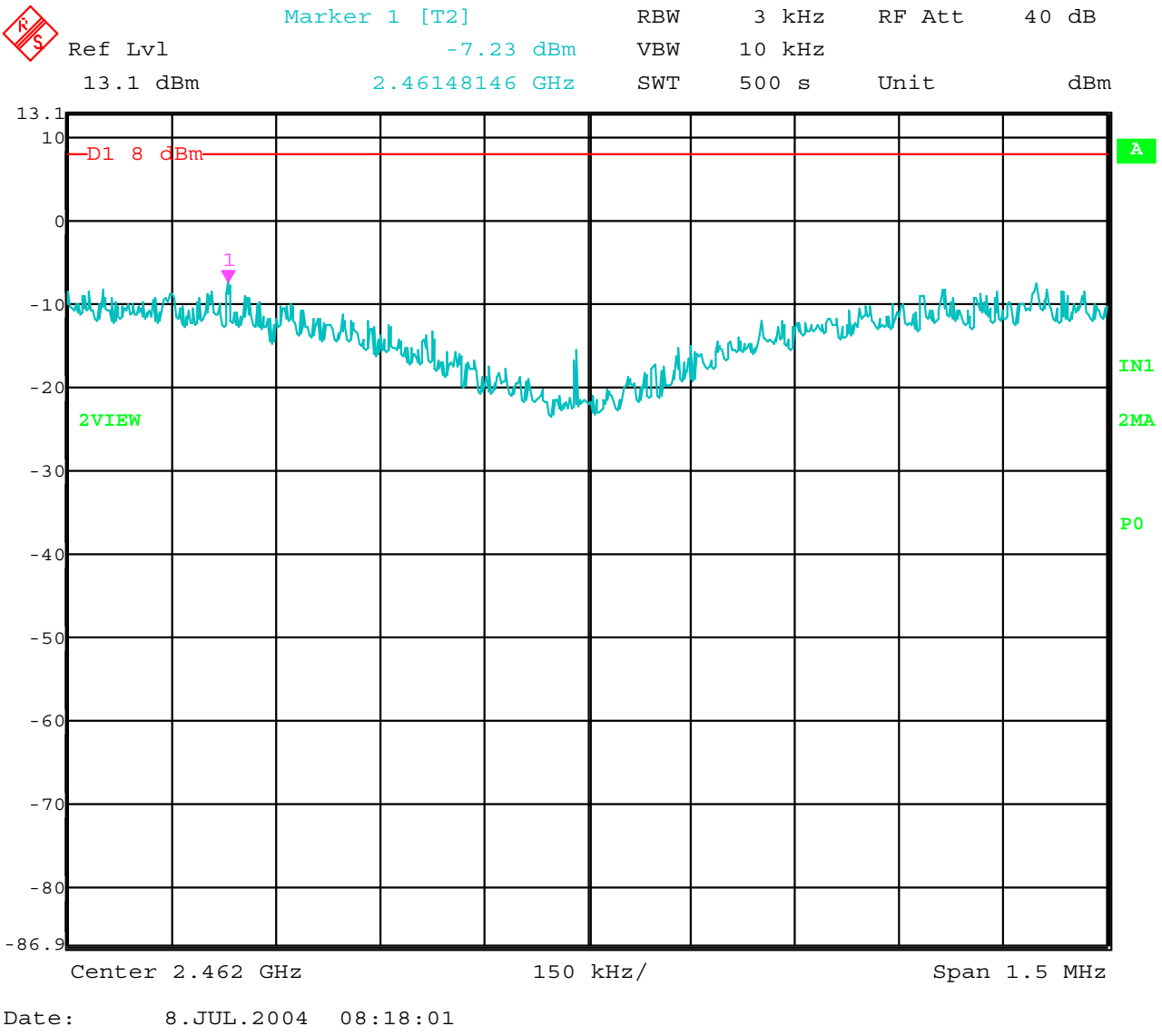
DATA SHEETS



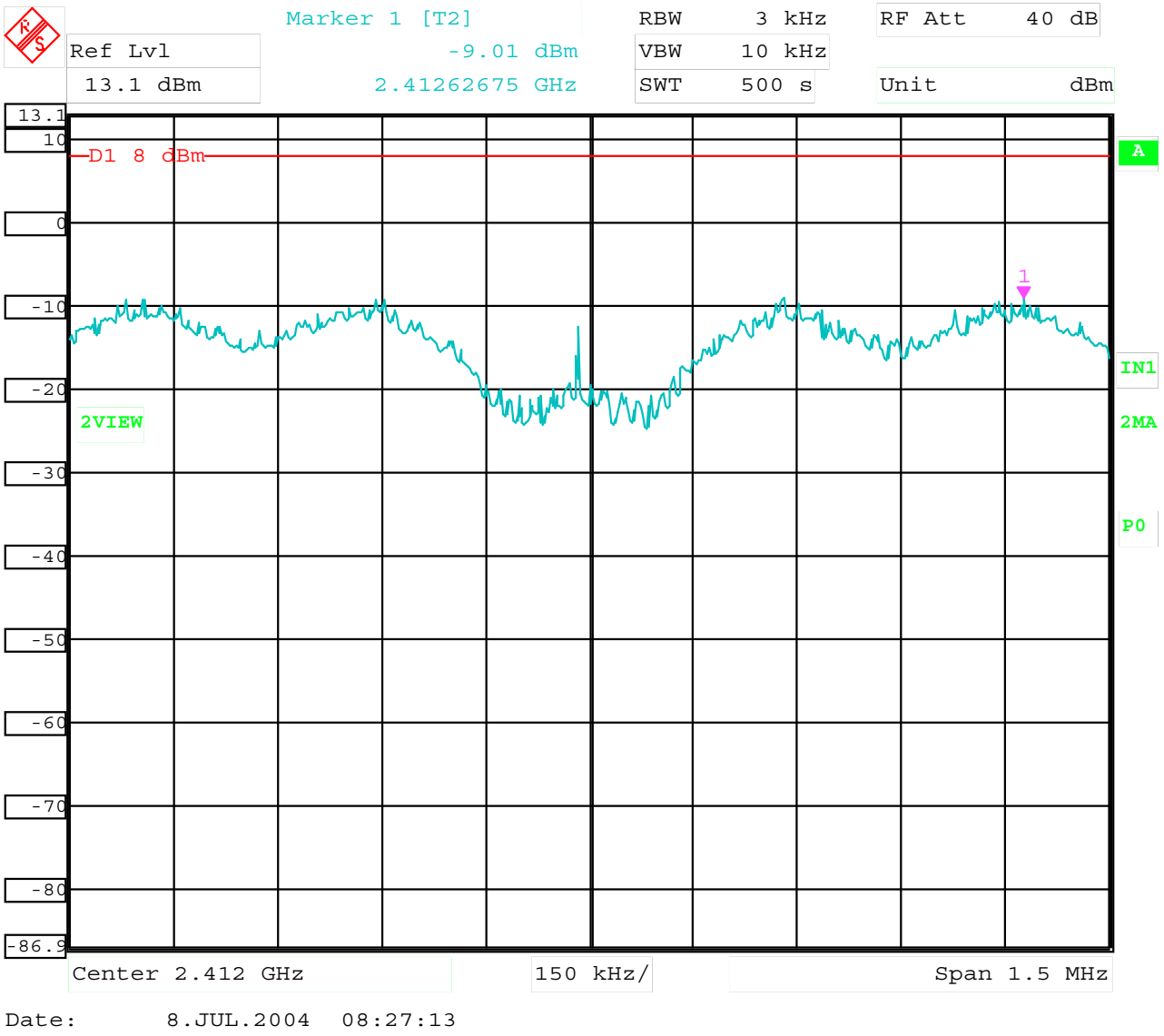
Peak Power Spectral Density Output – Channel 1 – 802.11 b Mode



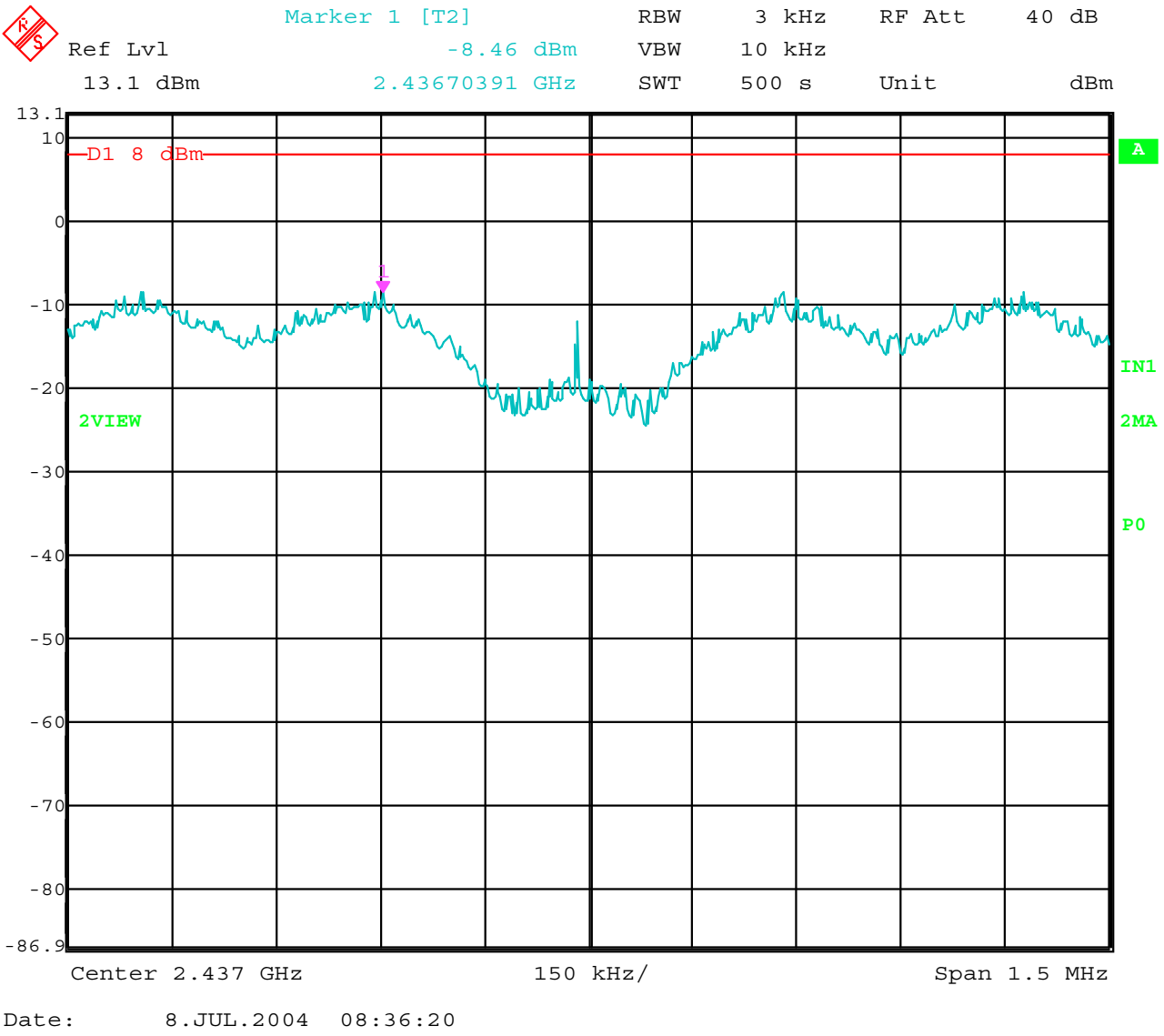
Peak Power Spectral Density Output – Channel 6 – 802.11 b Mode



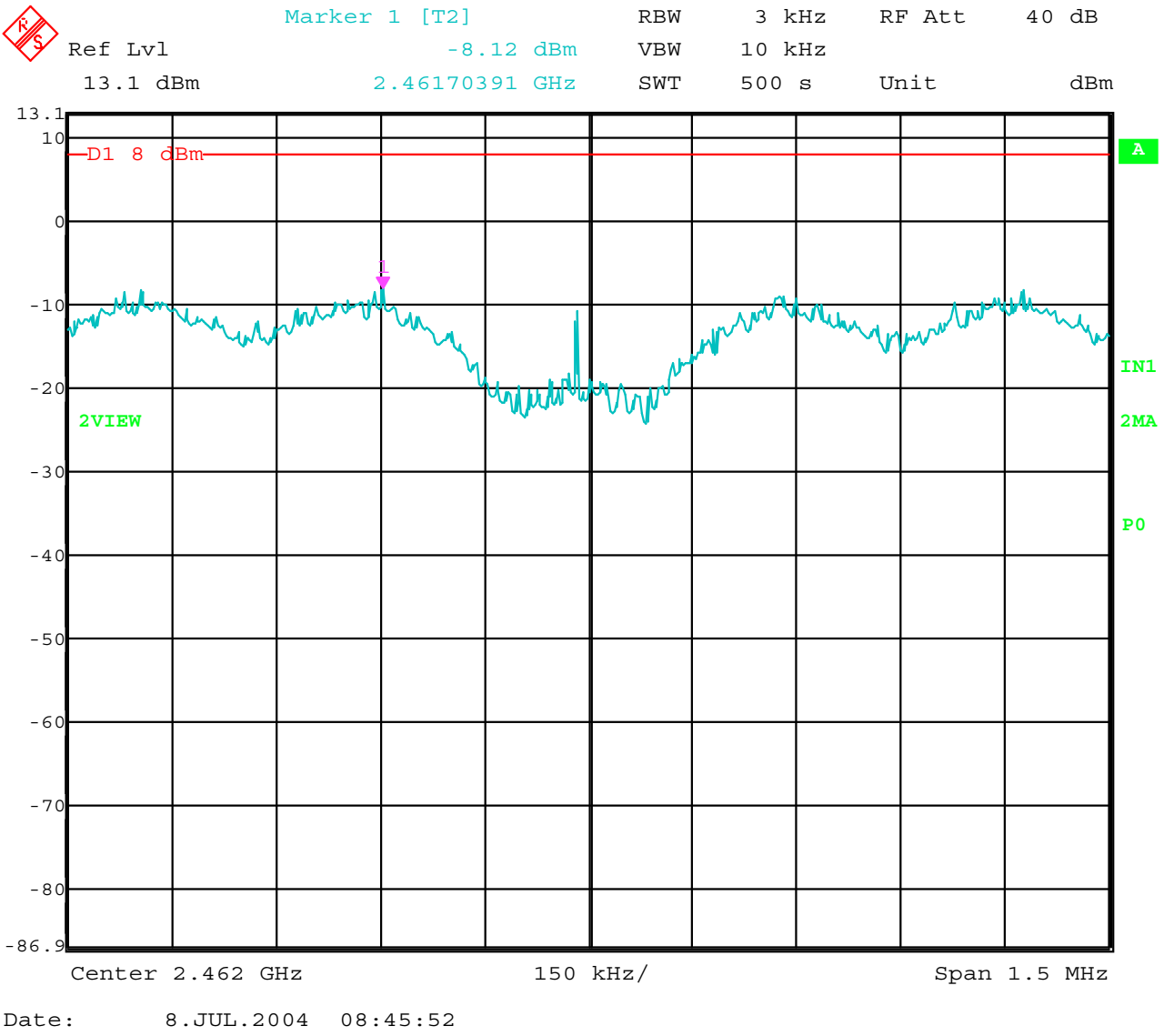
Peak Power Spectral Density Output – Channel 11 – 802.11 b Mode



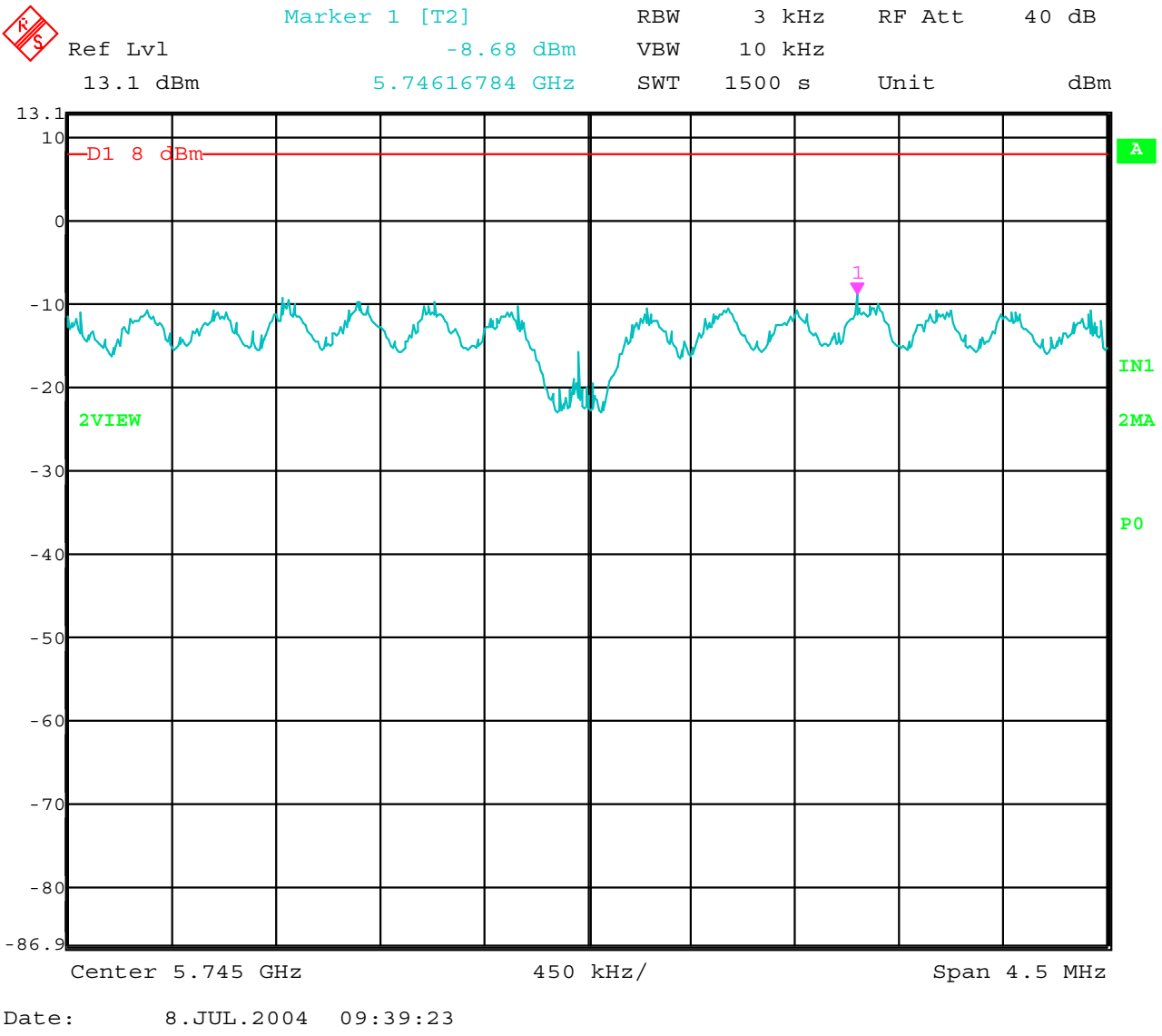
Peak Power Spectral Density – Channel 1 – 802.11 g Mode



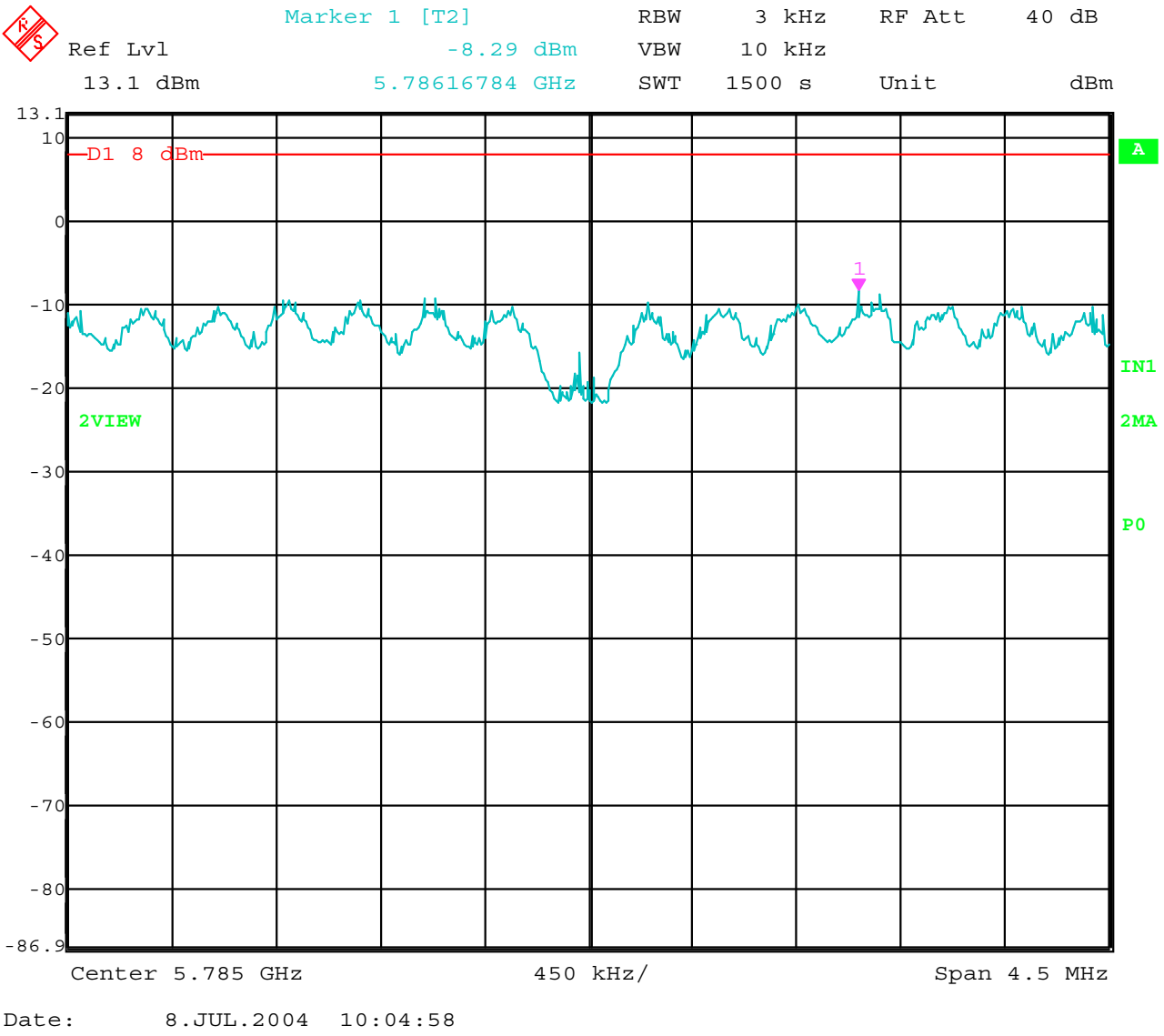
Peak Power Spectral Density – Channel 6 – 802.11 g Mode



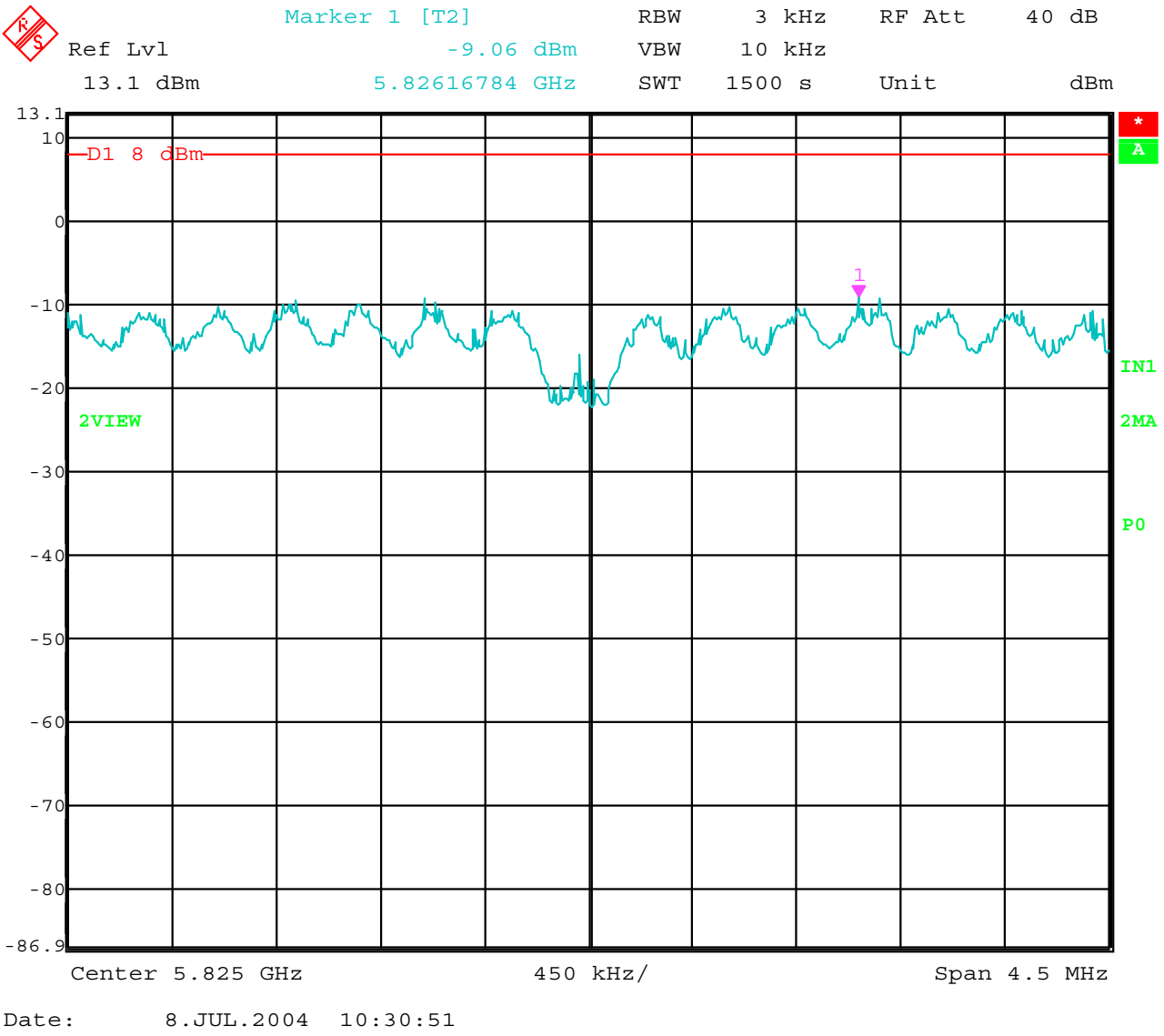
Peak Power Spectral Density – Channel 11 – 802.11 g Mode



Peak Power Spectral Density – Channel 149 – 802.11 a Mode



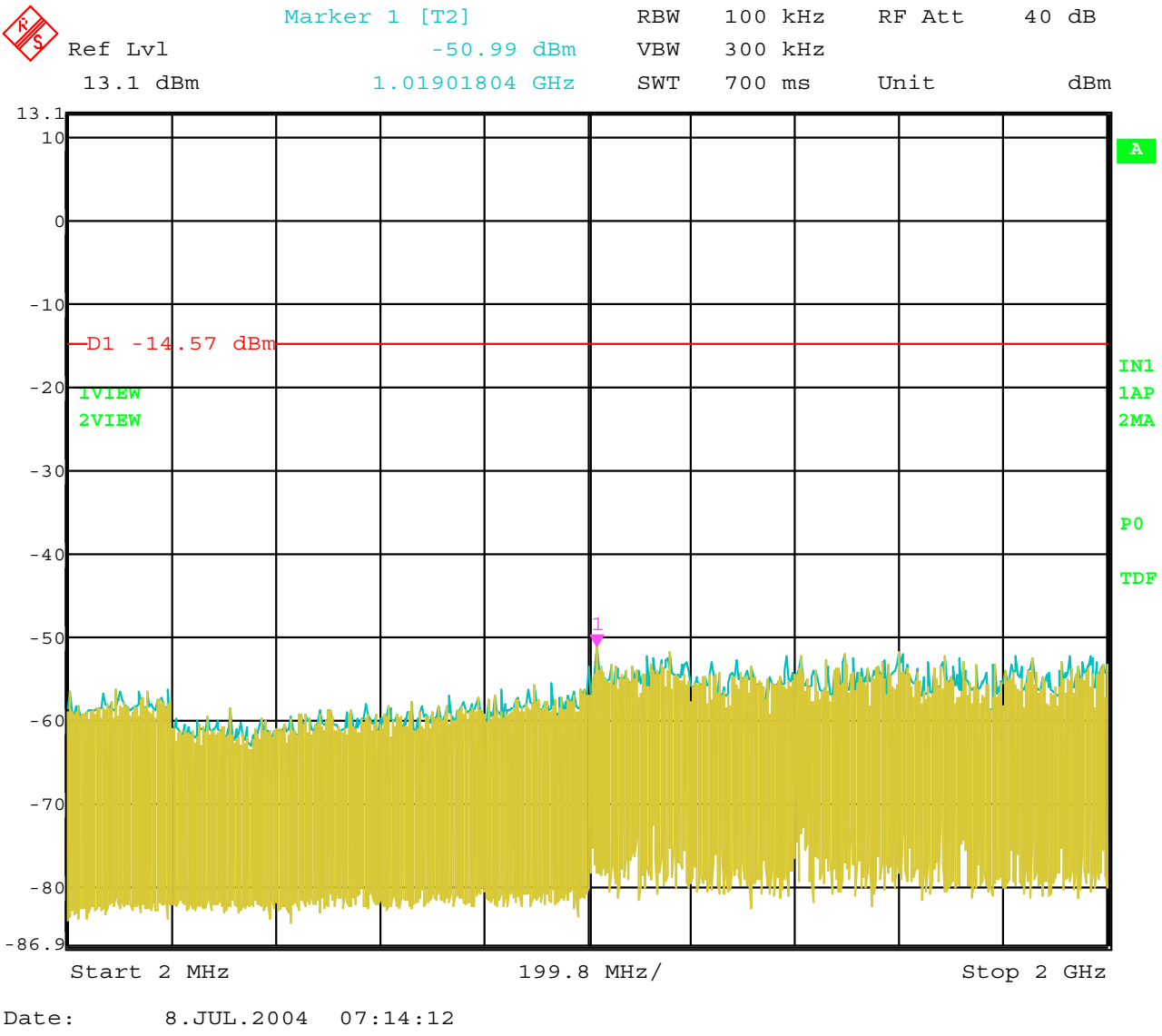
Peak Power Spectral Density – Channel 157 – 802.11 a Mode



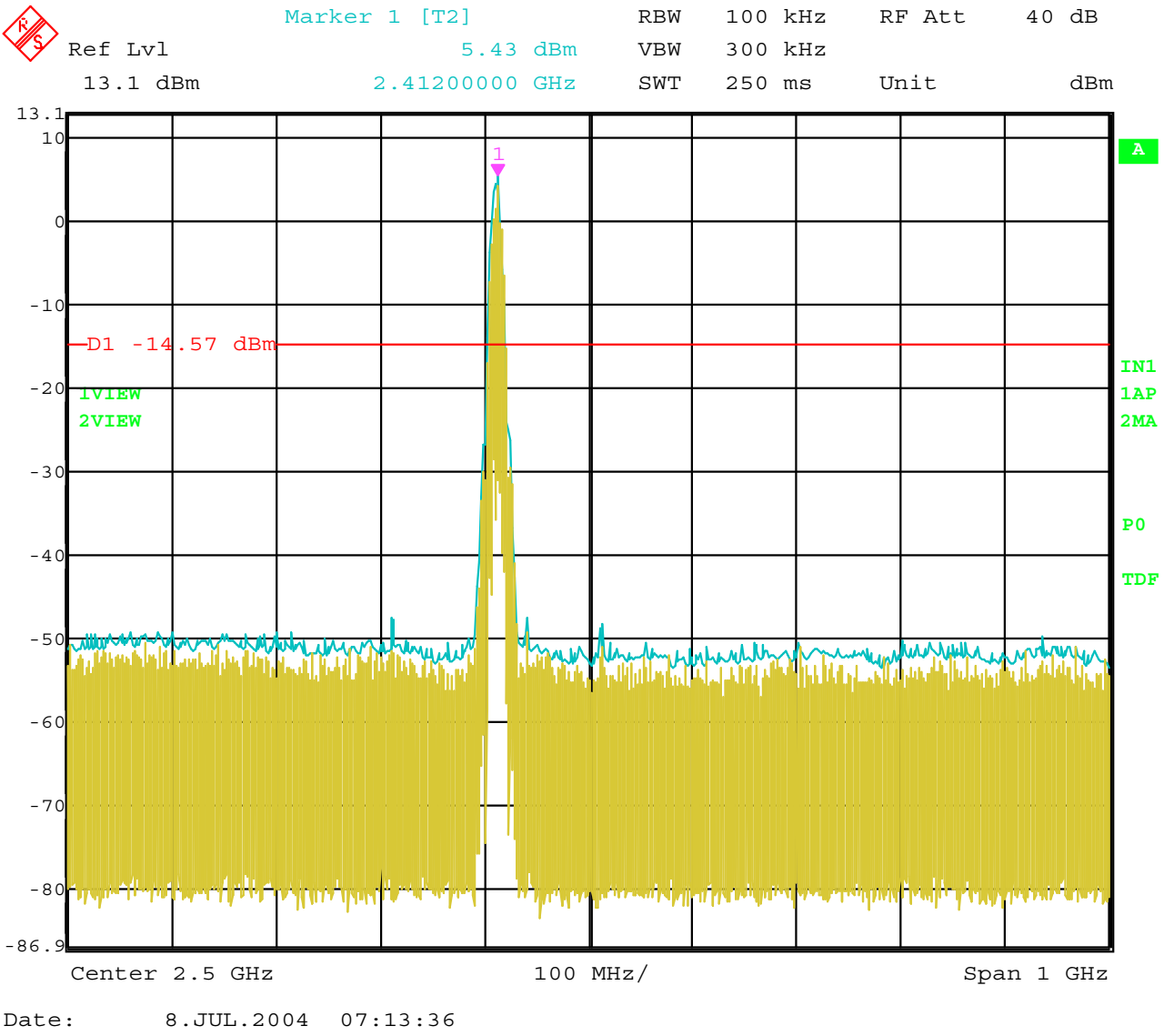
Peak Power Spectral Density – Channel 165 – 802.11 a Mode

RF ANTENNA CONDUCTED

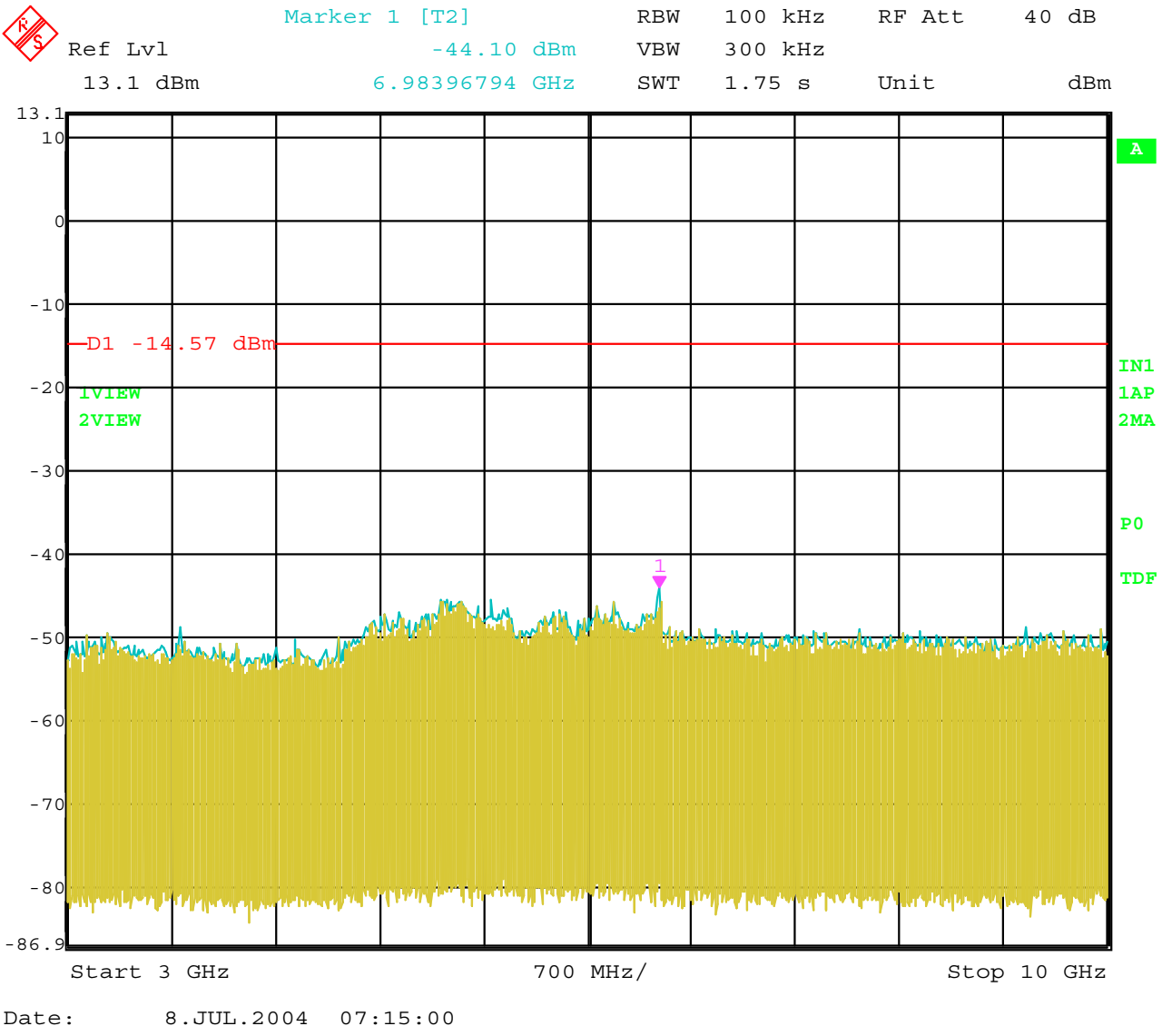
DATA SHEETS



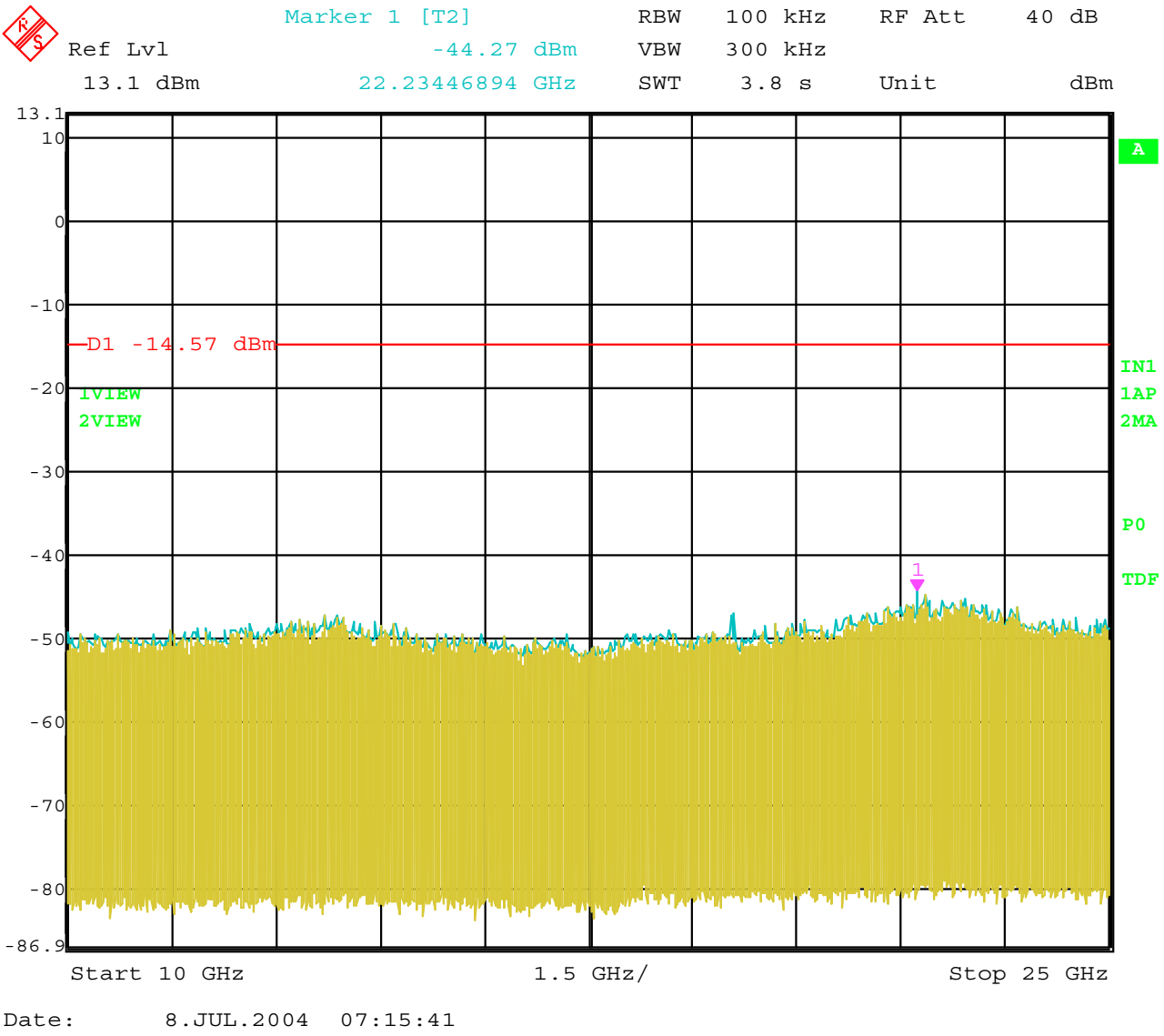
RF Antenna Conducted Test – Channel 1 – 802.11 b Mode – 2 MHz to 2 GHz



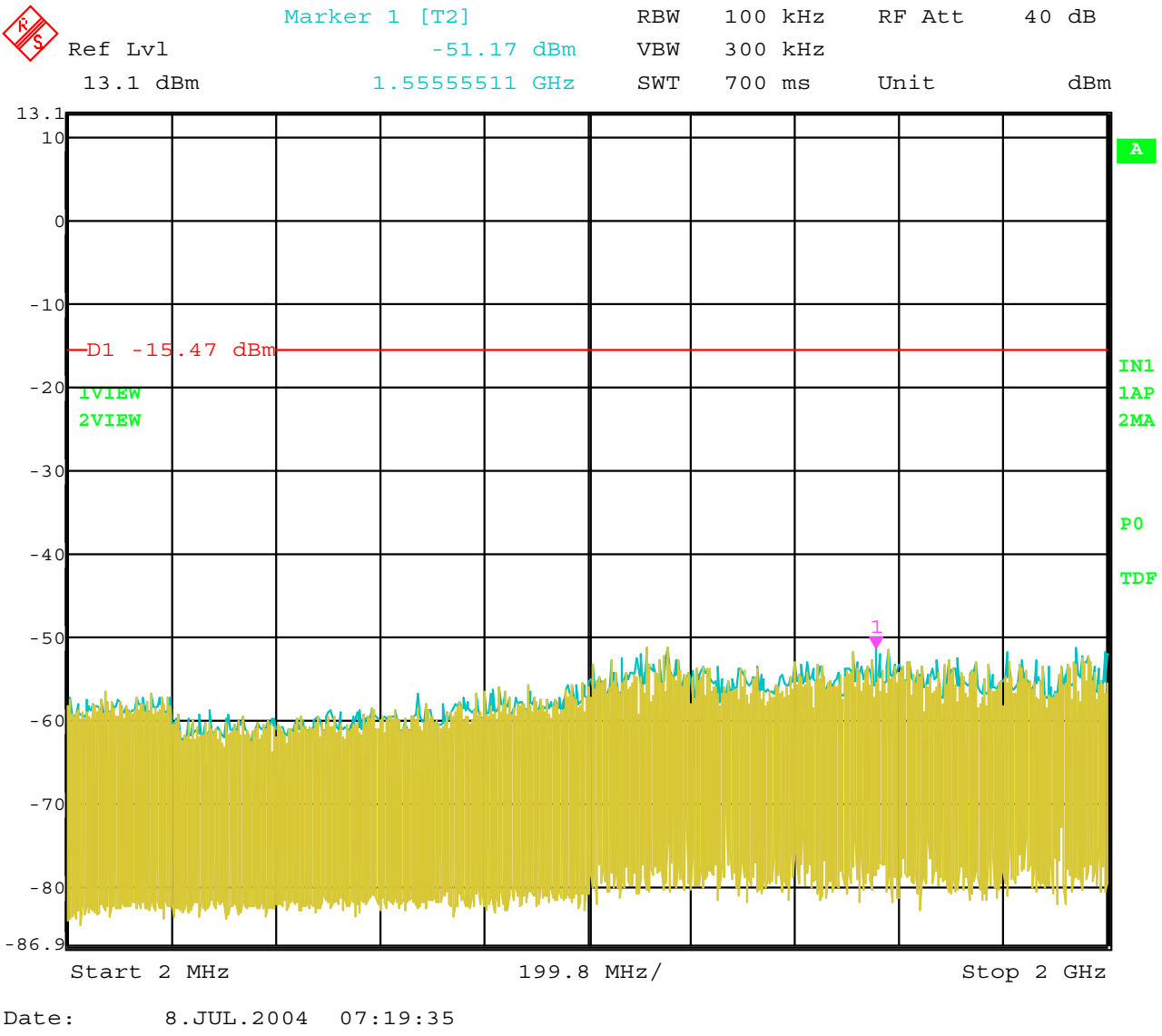
RF Antenna Conducted Test – Channel 1 – 802.11 b Mode – 2 GHz to 3 GHz



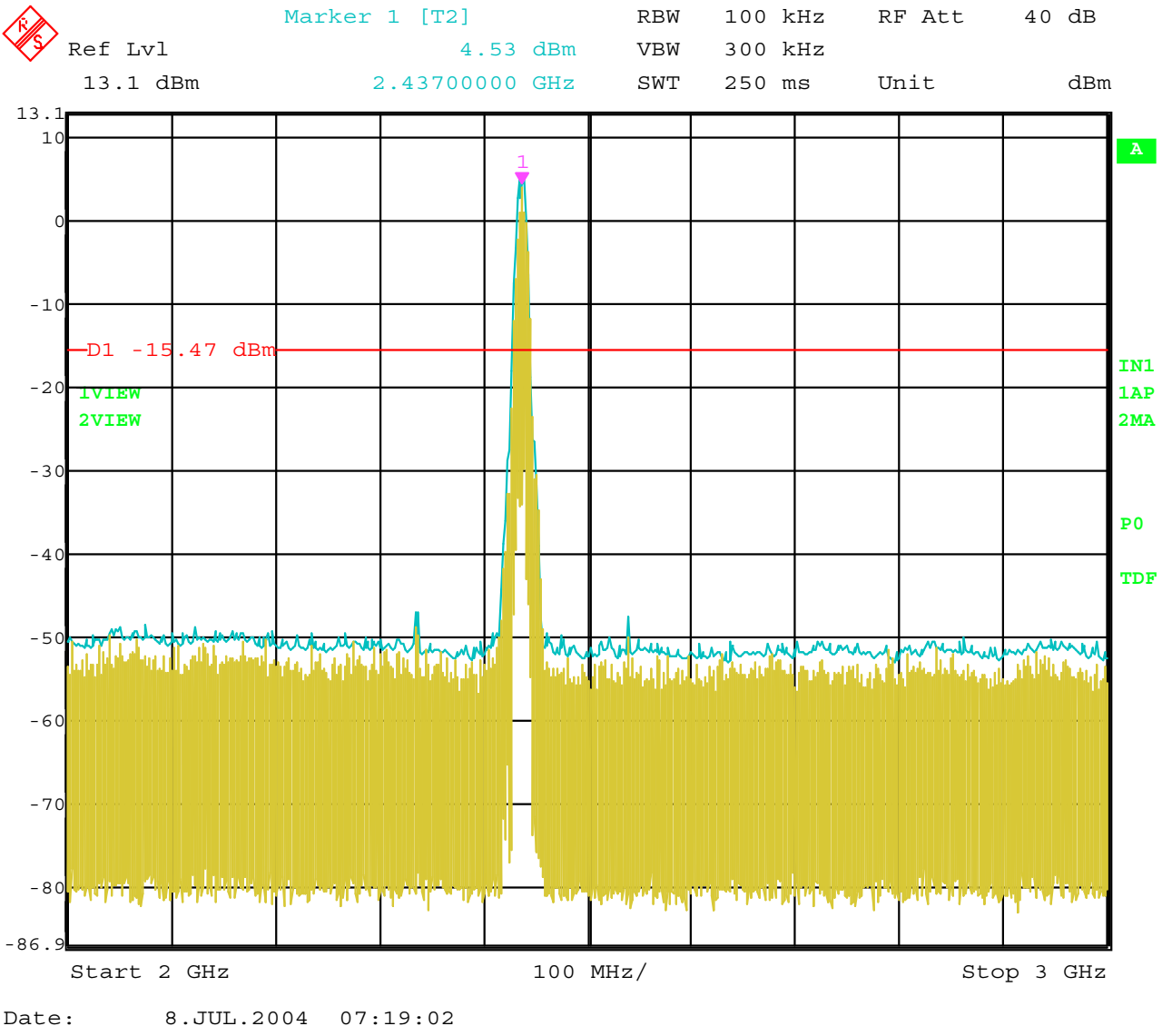
RF Antenna Conducted Test – Channel 1 – 802.11 b Mode – 3 GHz to 10 GHz



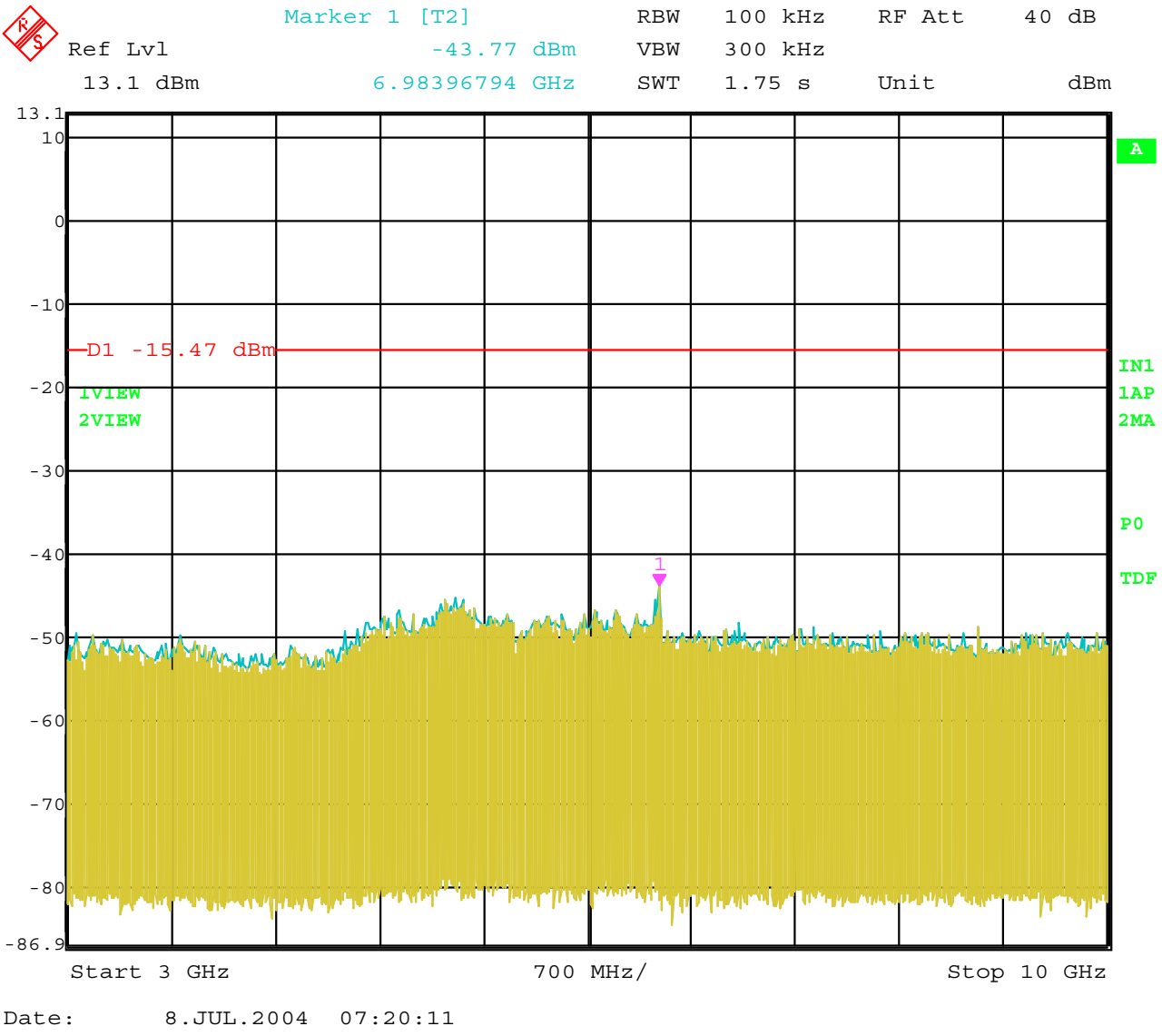
RF Antenna Conducted Test – Channel 1 – 802.11 b Mode – 10 GHz to 25 GHz



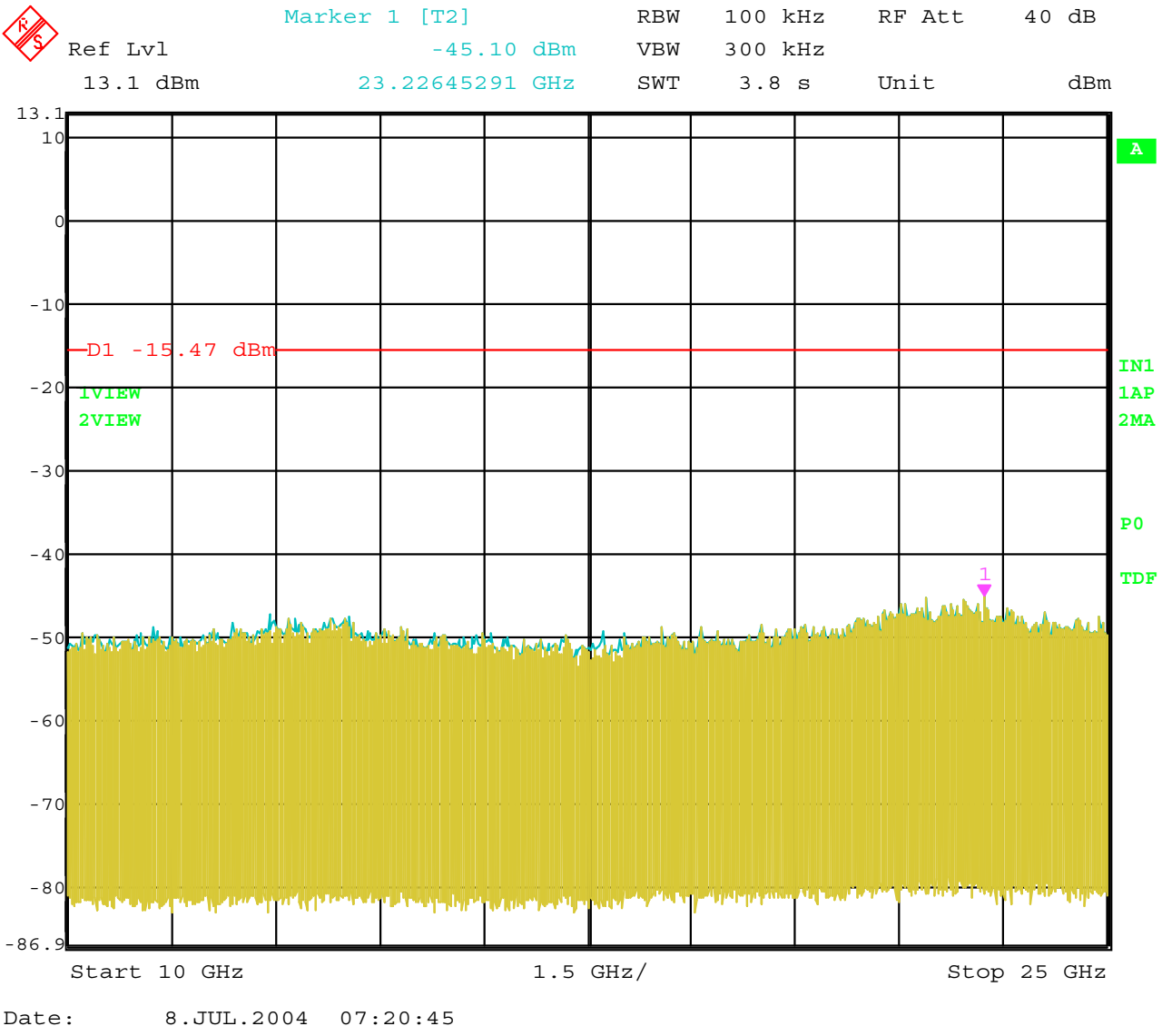
RF Antenna Conducted Test – Channel 6 – 802.11 b Mode – 2 MHz to 2 GHz



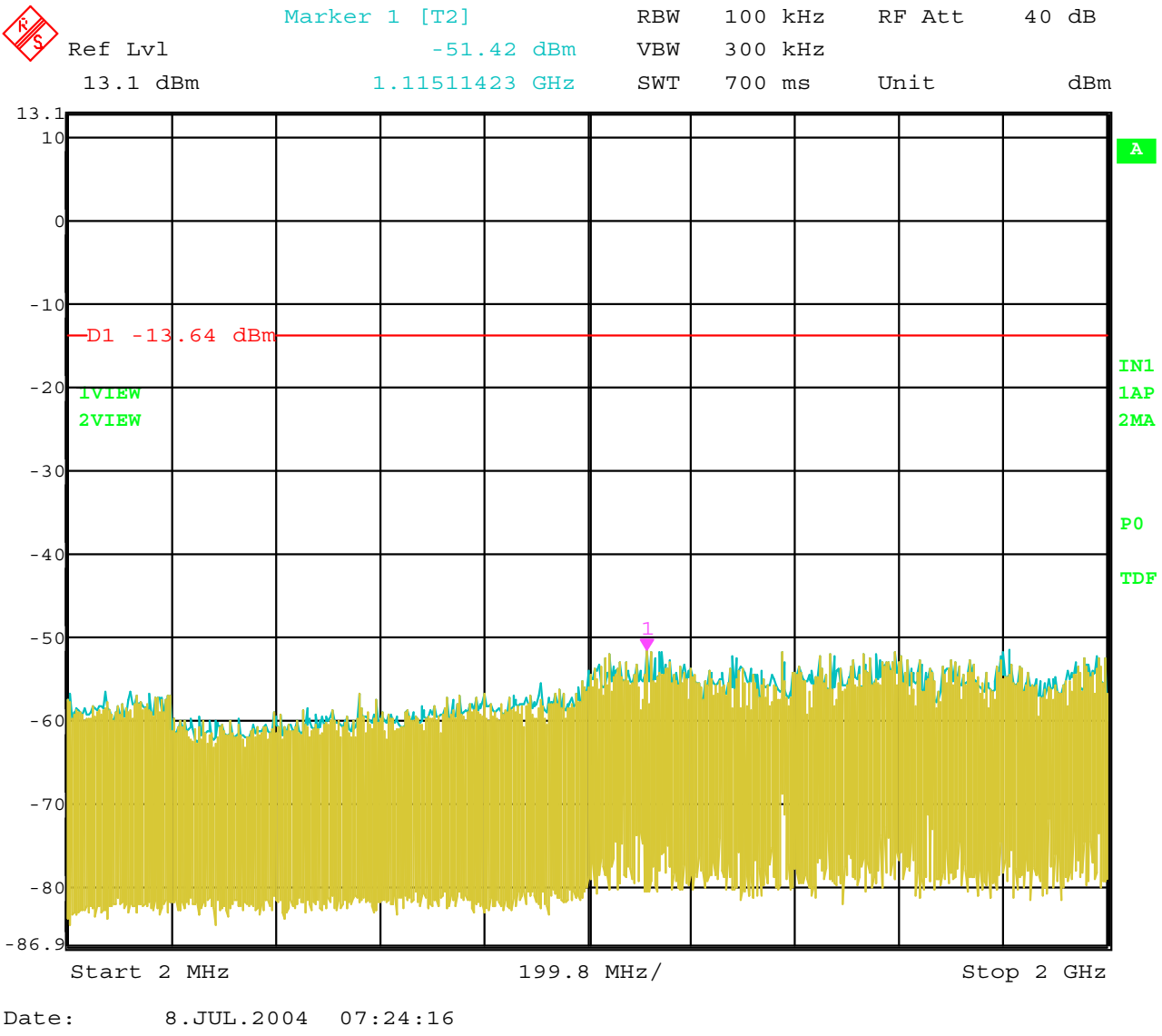
RF Antenna Conducted Test – Channel 6 – 802.11 b Mode – 2 GHz to 3 GHz



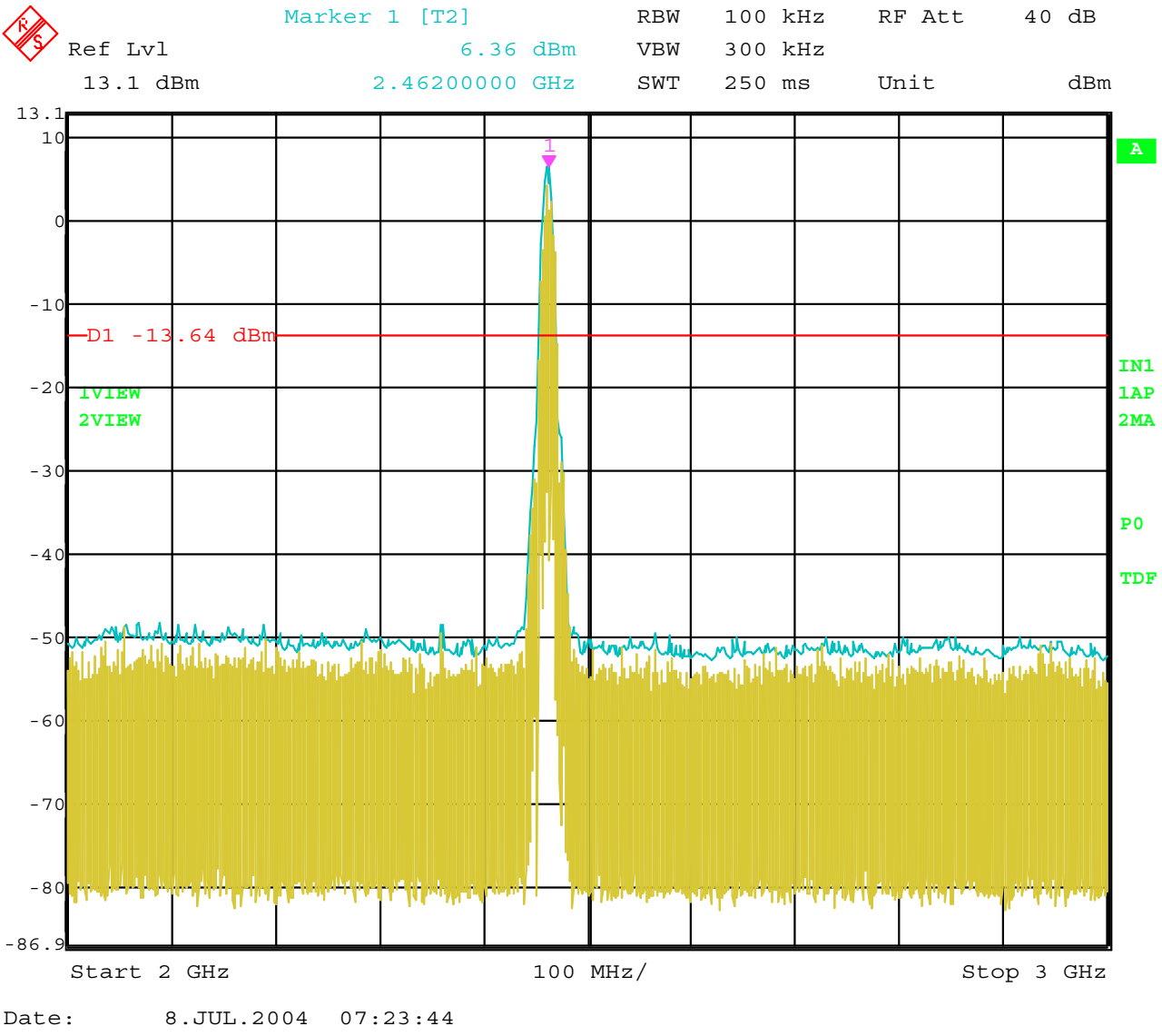
RF Antenna Conducted Test – Channel 6 – 802.11 b Mode – 3 GHz to 10 GHz



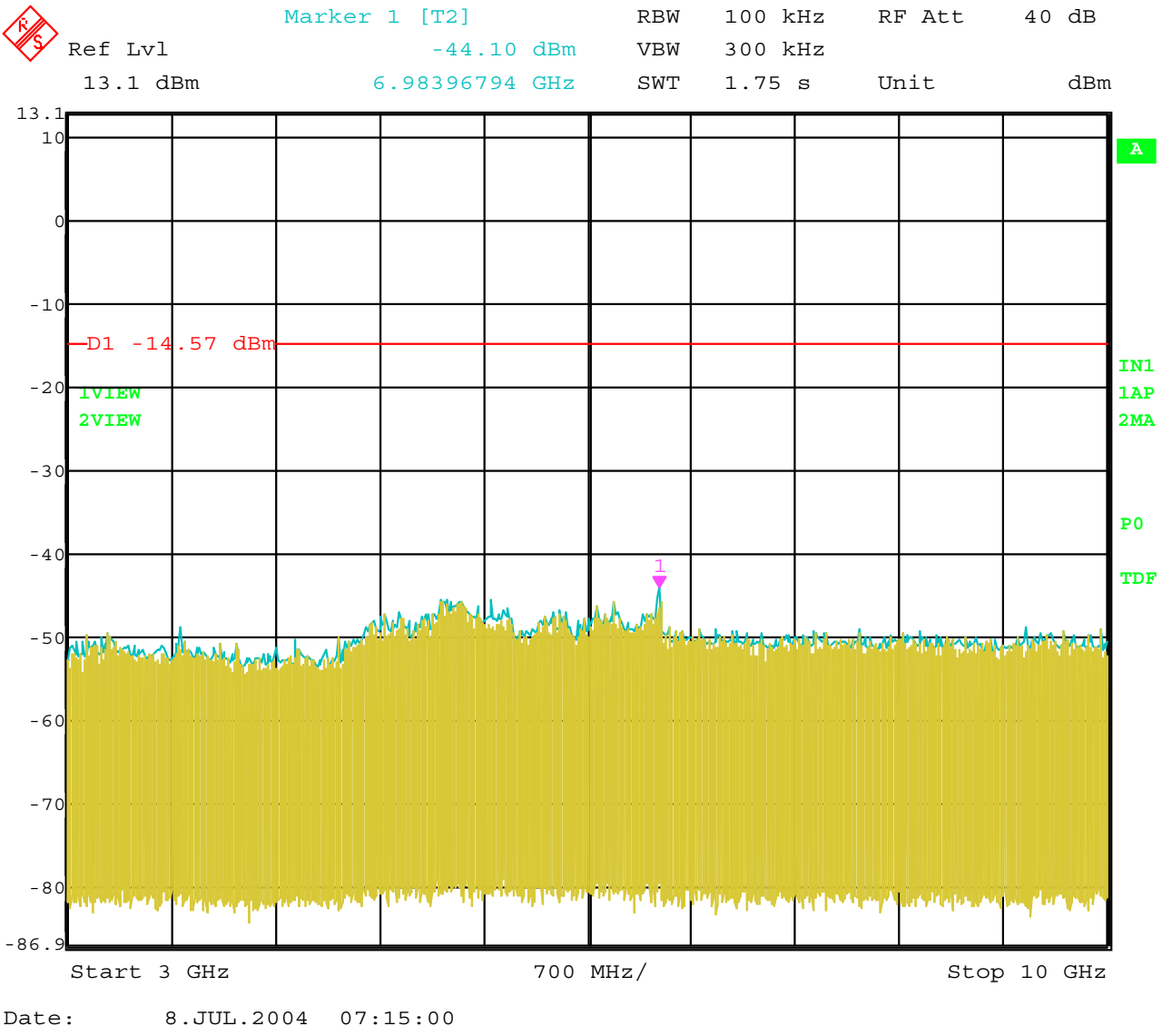
RF Antenna Conducted Test – Channel 6 – 802.11 b Mode – 10 GHz to 25 GHz



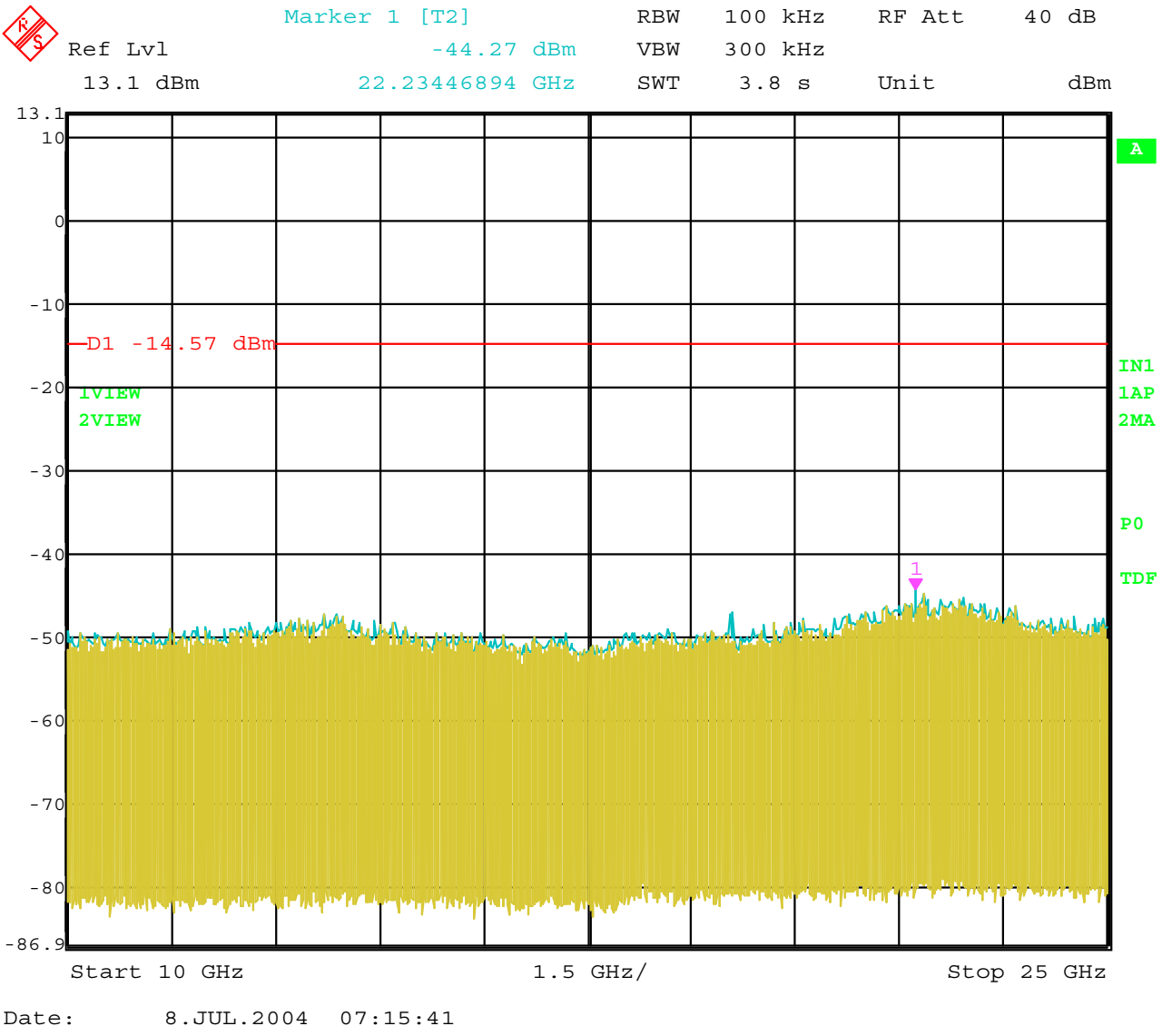
RF Antenna Conducted Test – Channel 11 – 802.11 b Mode – 2 MHz to 2 GHz



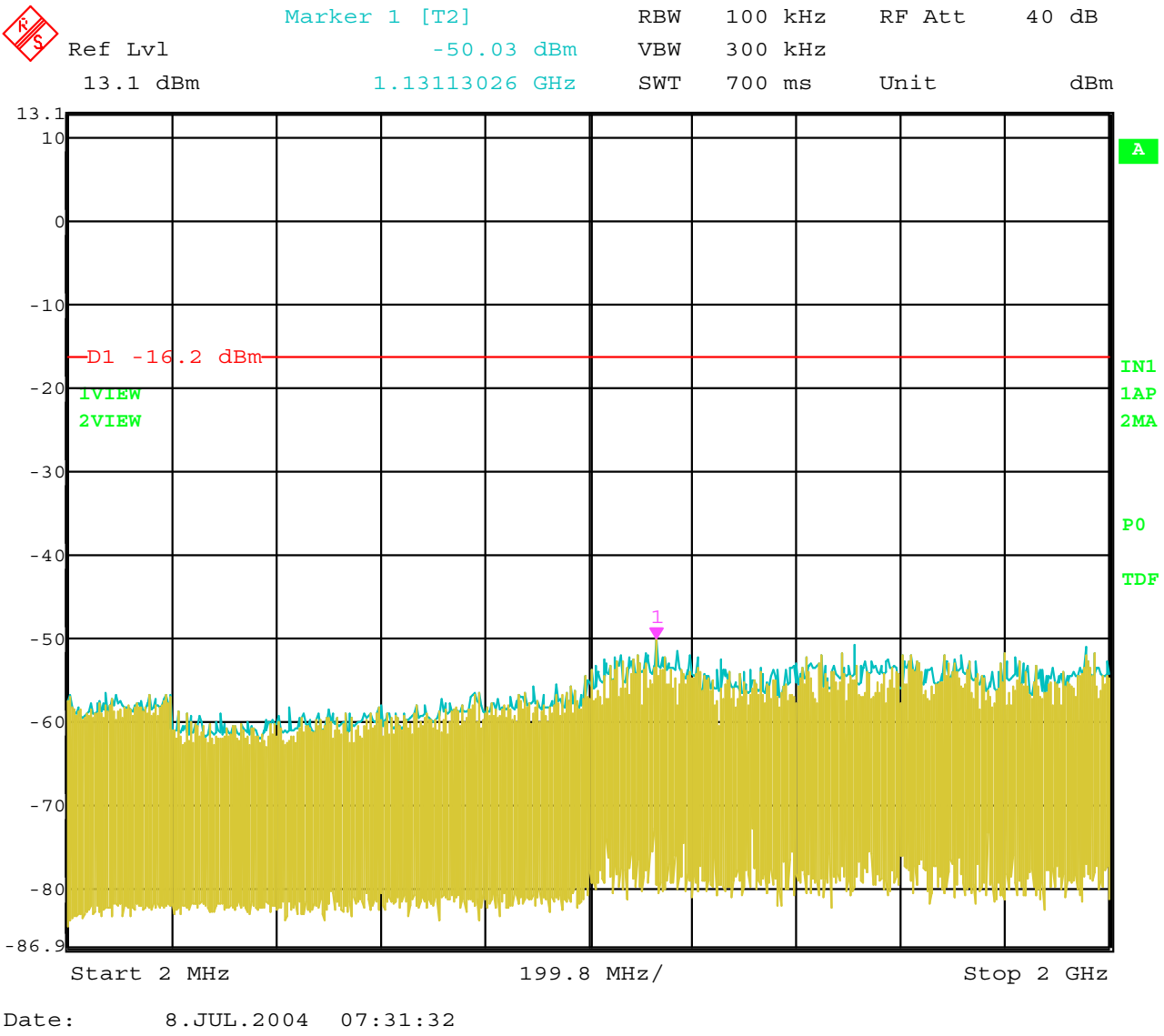
RF Antenna Conducted Test – Channel 11 – 802.11 b Mode – 2 GHz to 3 GHz



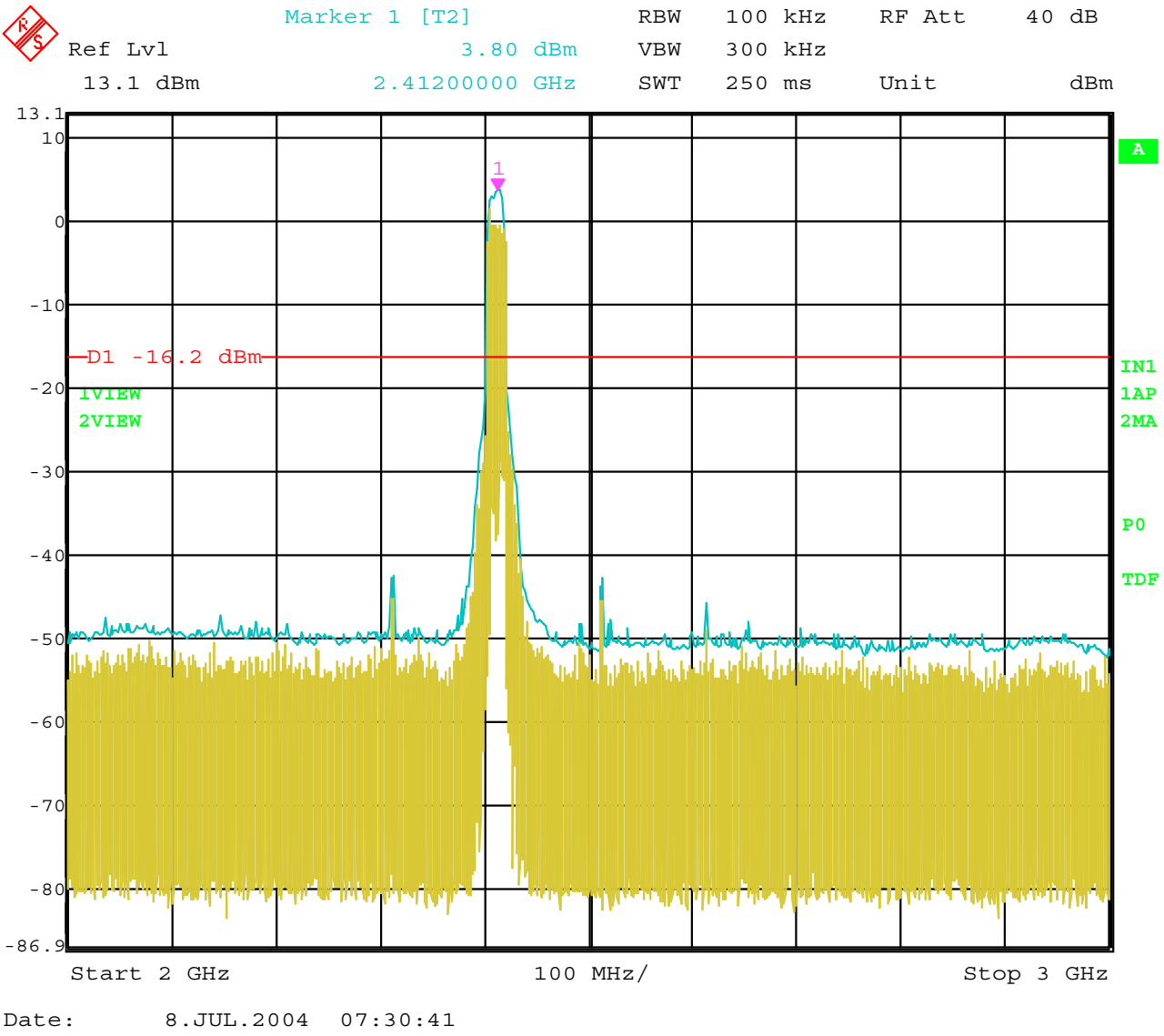
RF Antenna Conducted Test – Channel 11 – 802.11 b Mode – 3 GHz to 10 GHz



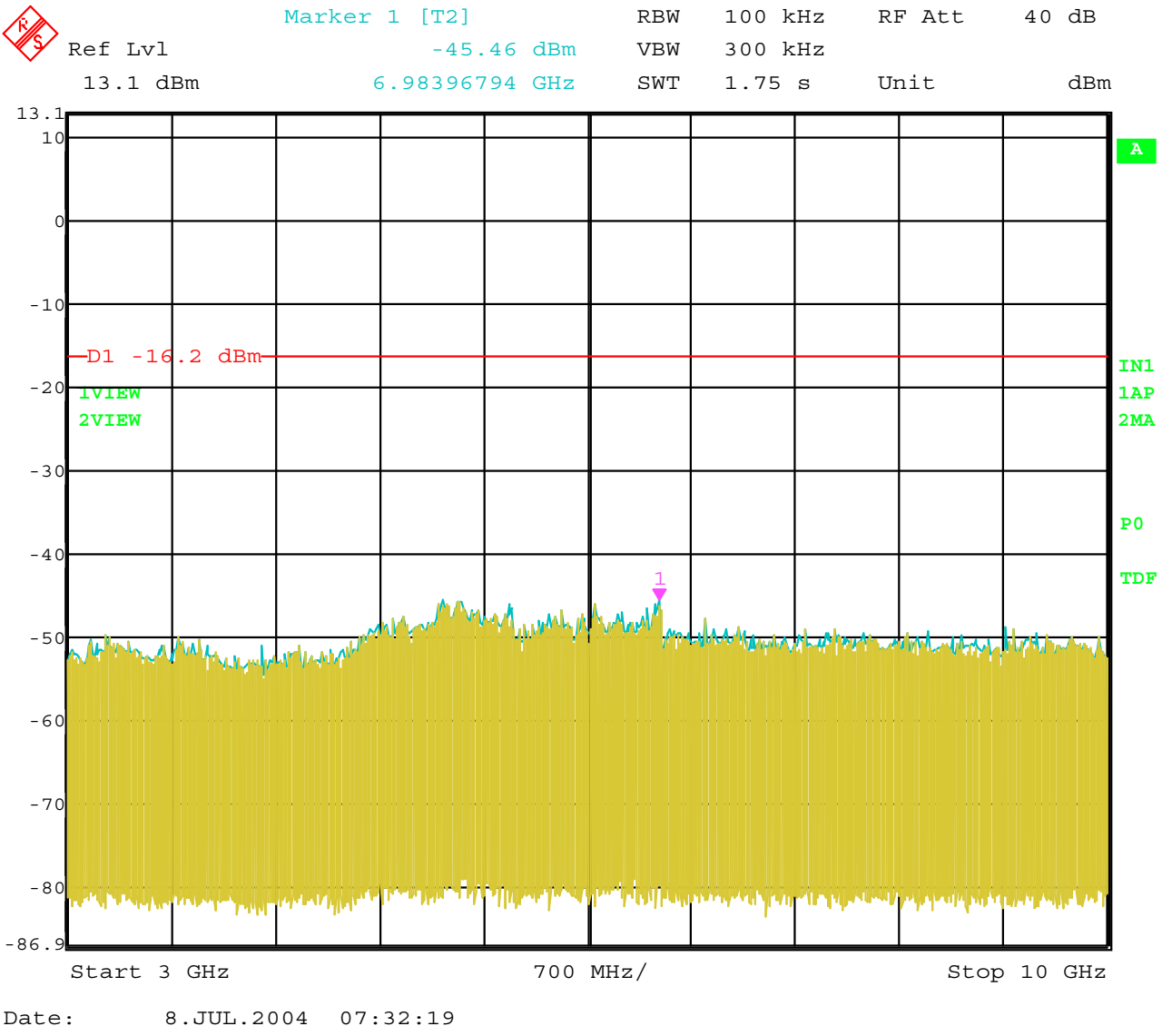
RF Antenna Conducted Test – Channel 11 – 802.11 b Mode – 10 GHz to 25 GHz



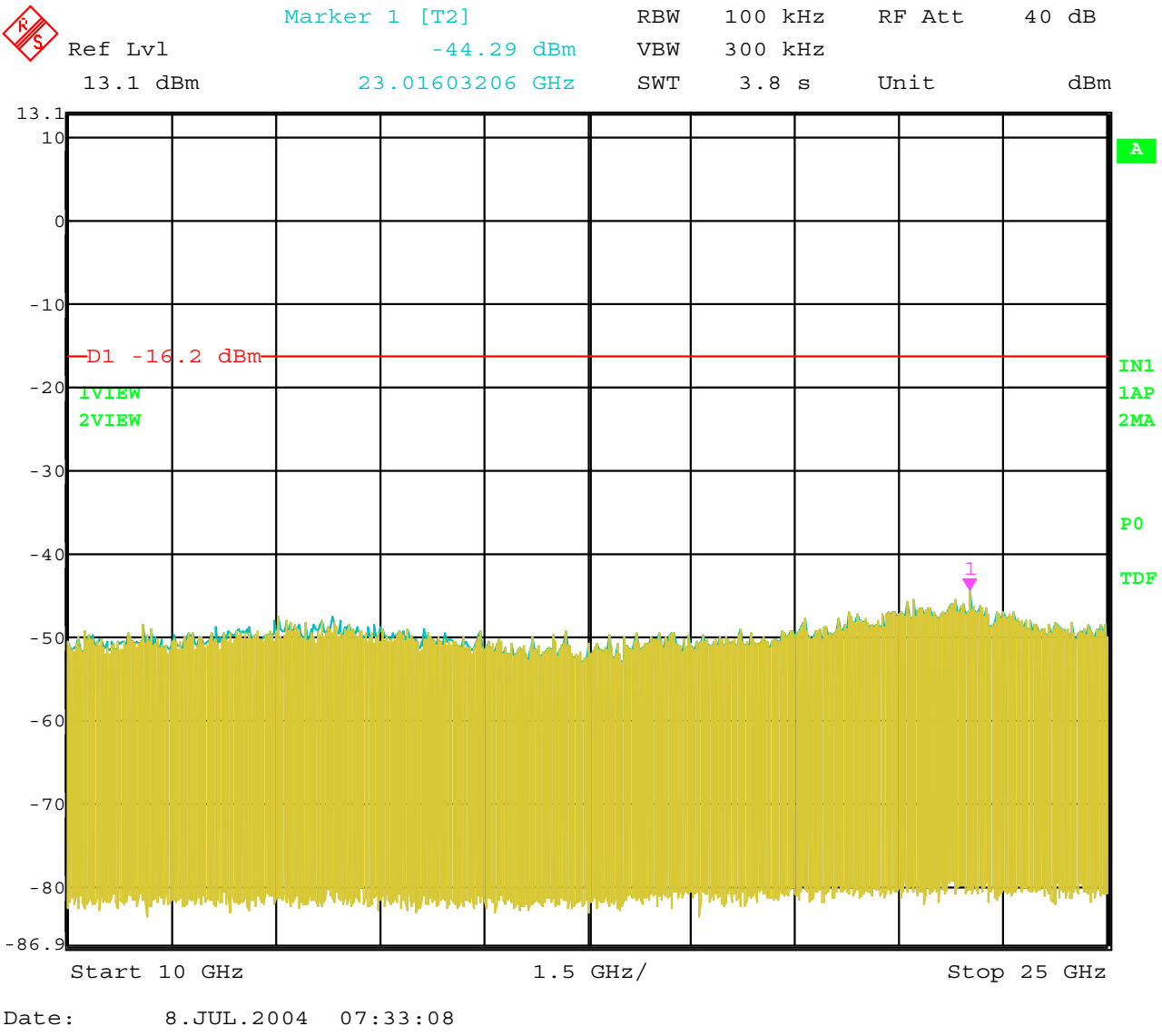
RF Antenna Conducted Test – Channel 1 – 802.11 g Mode – 2 MHz to 2 GHz



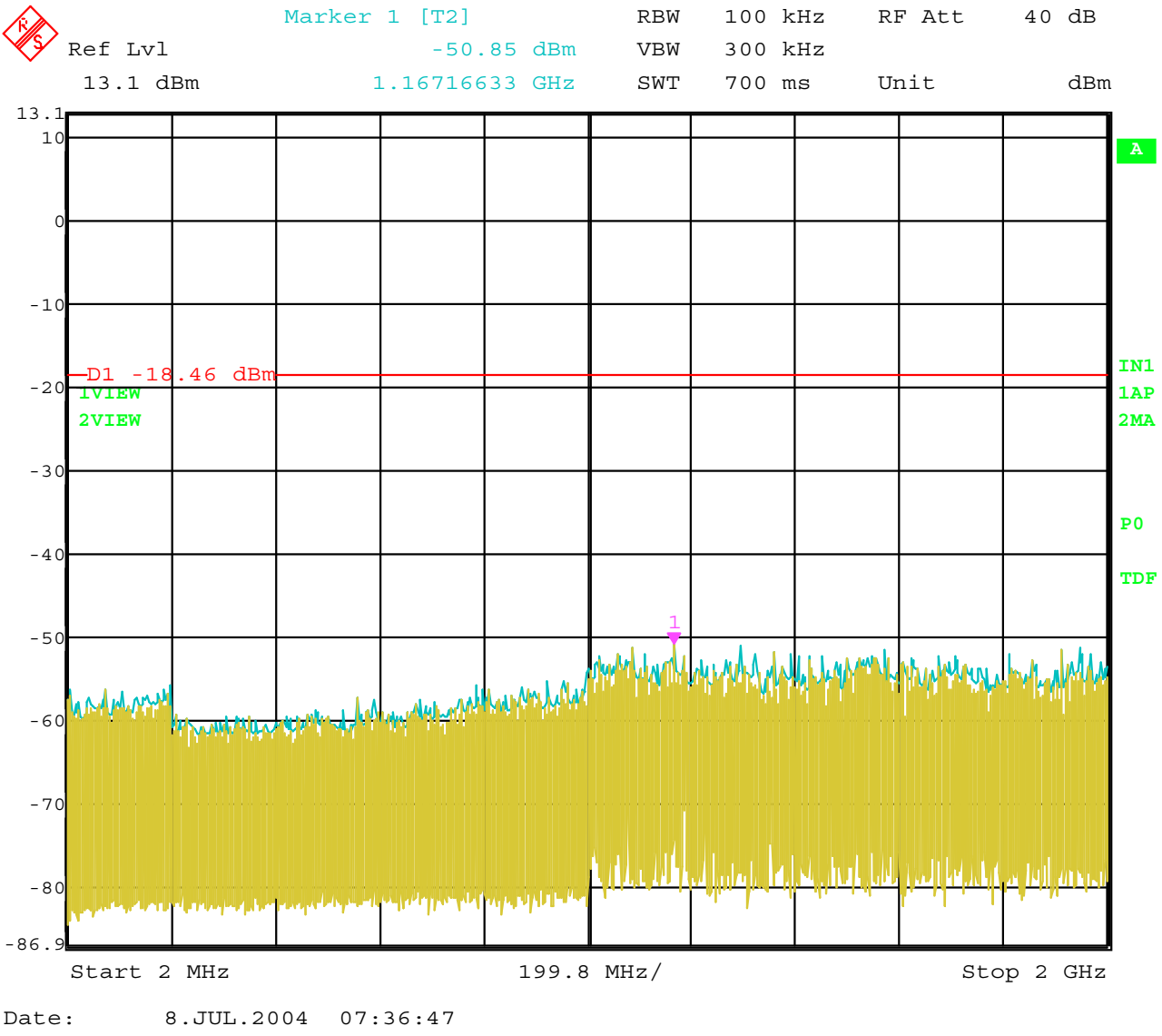
RF Antenna Conducted Test – Channel 1 – 802.11 g Mode – 2 GHz to 3 GHz



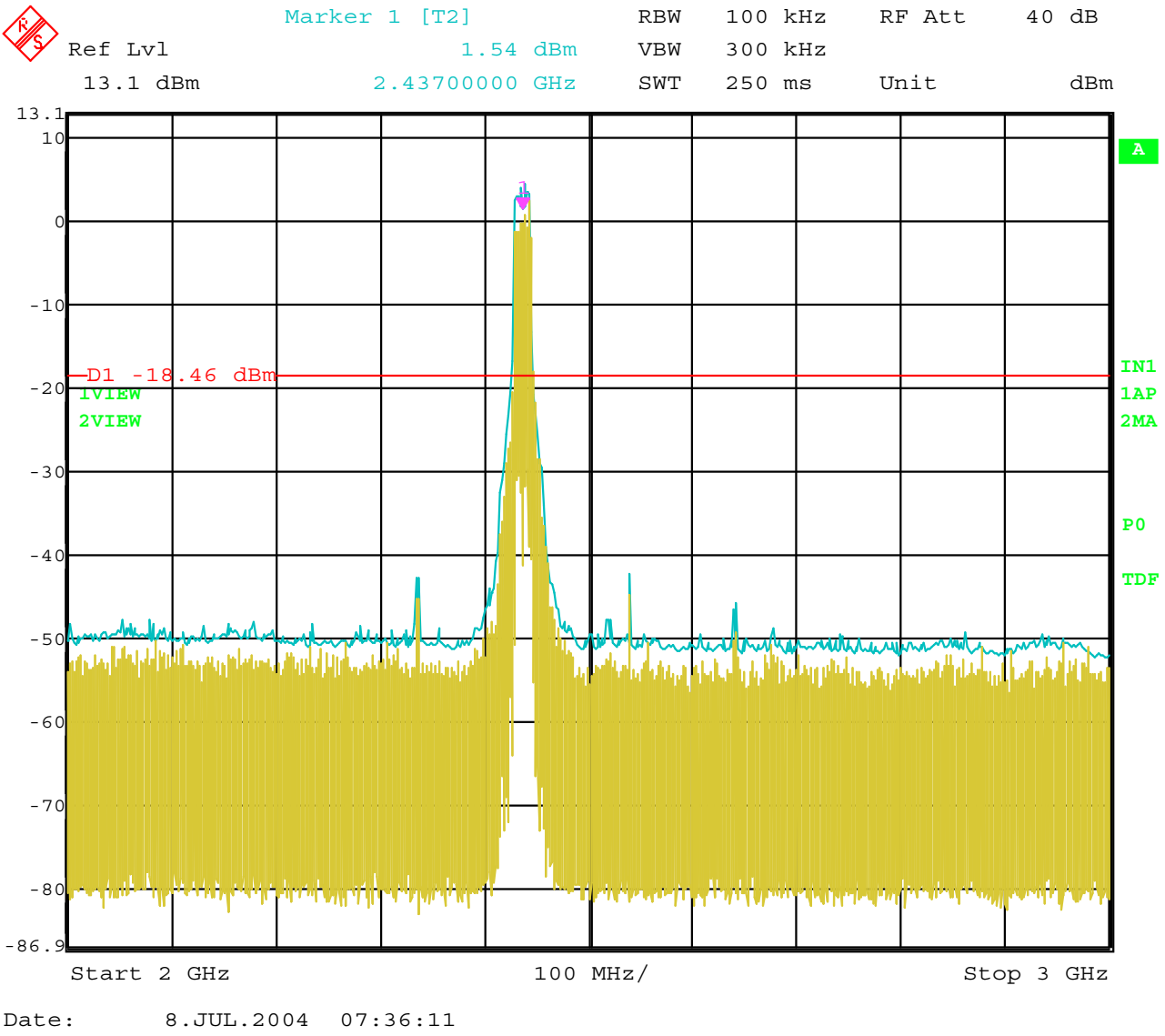
RF Antenna Conducted Test – Channel 1 – 802.11 g Mode – 3 GHz to 10 GHz



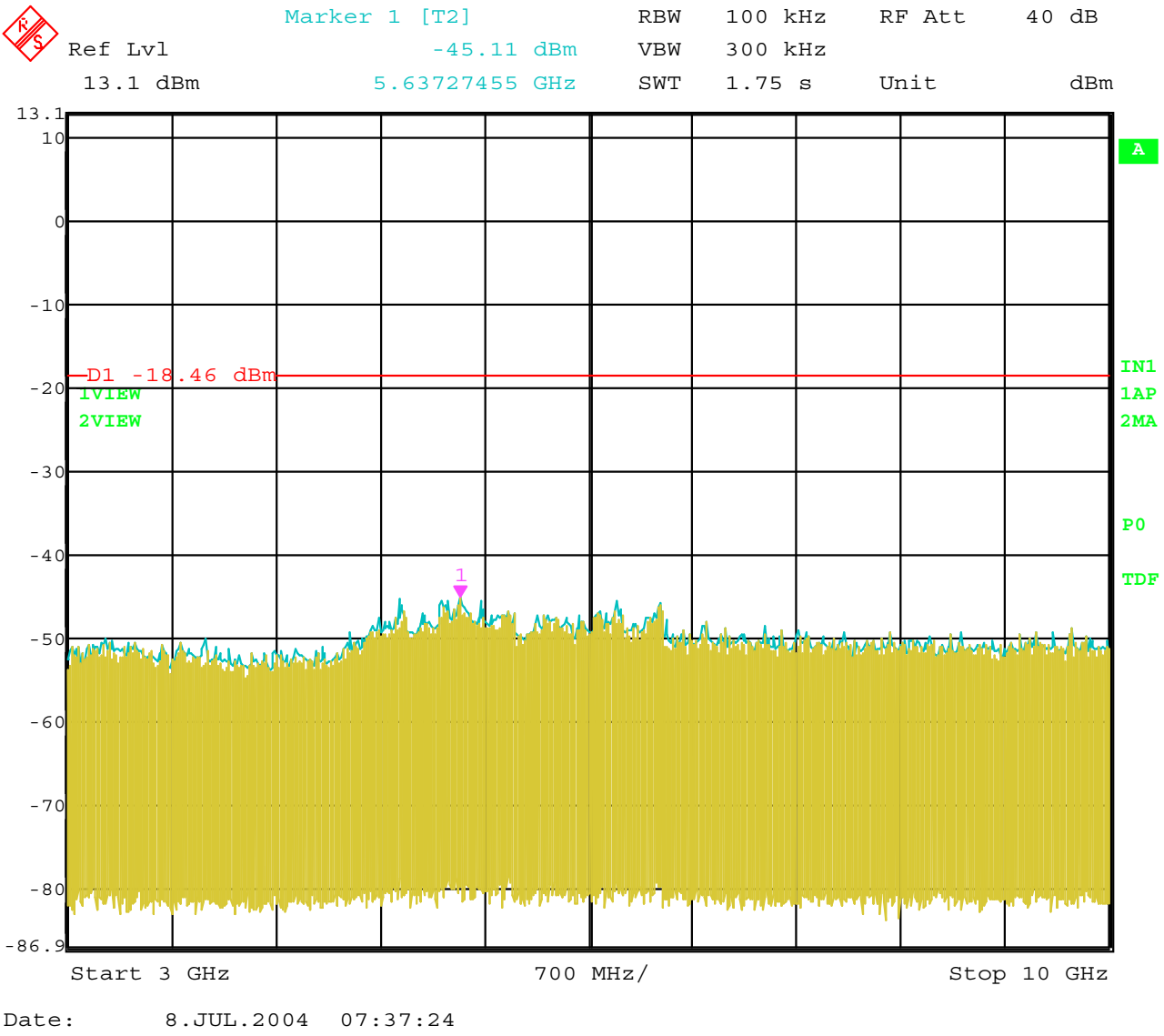
RF Antenna Conducted Test – Channel 1 – 802.11 g Mode – 10 GHz to 25 GHz



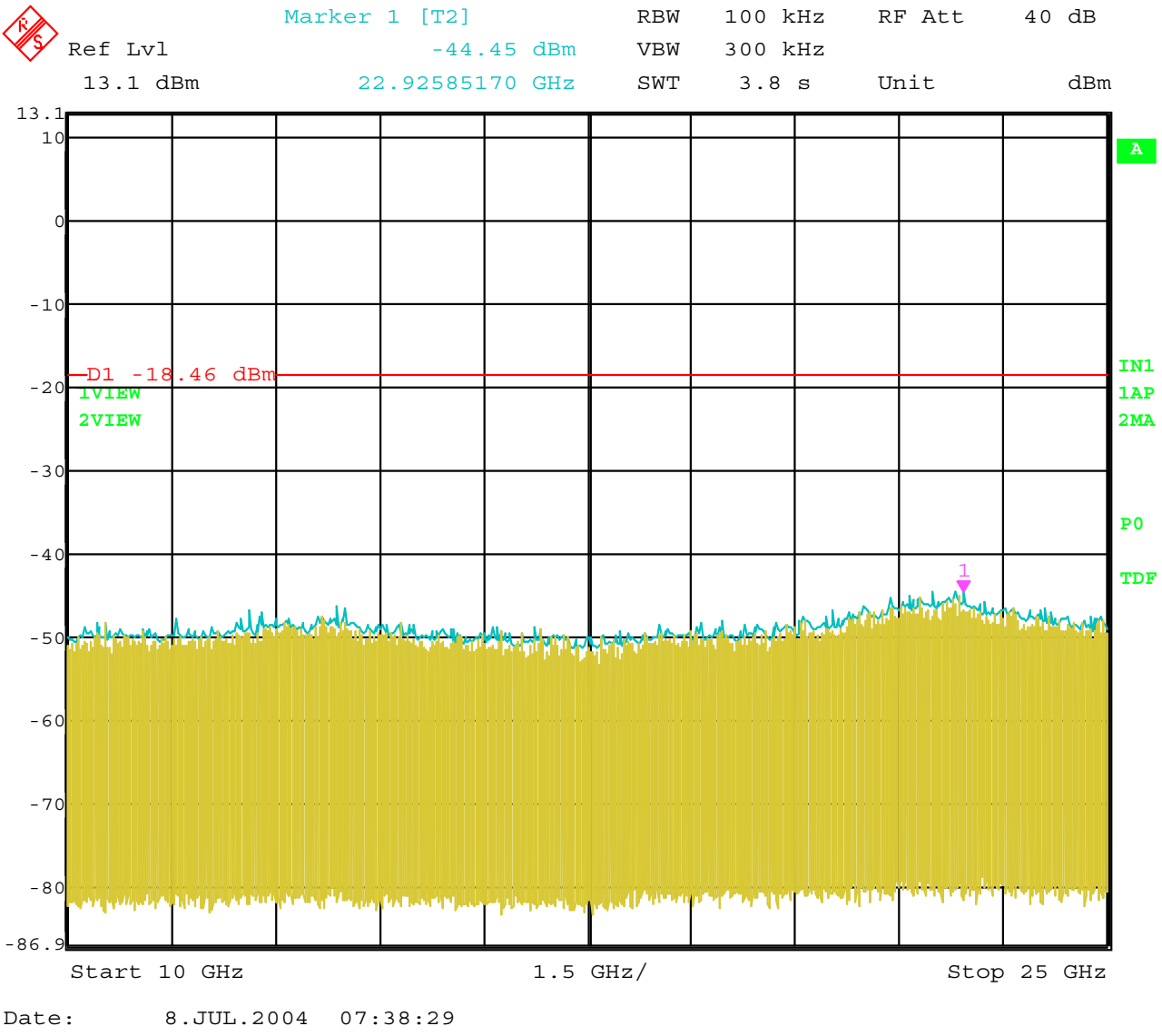
RF Antenna Conducted Test – Channel 6 – 802.11 g Mode – 2 MHz to 2 GHz



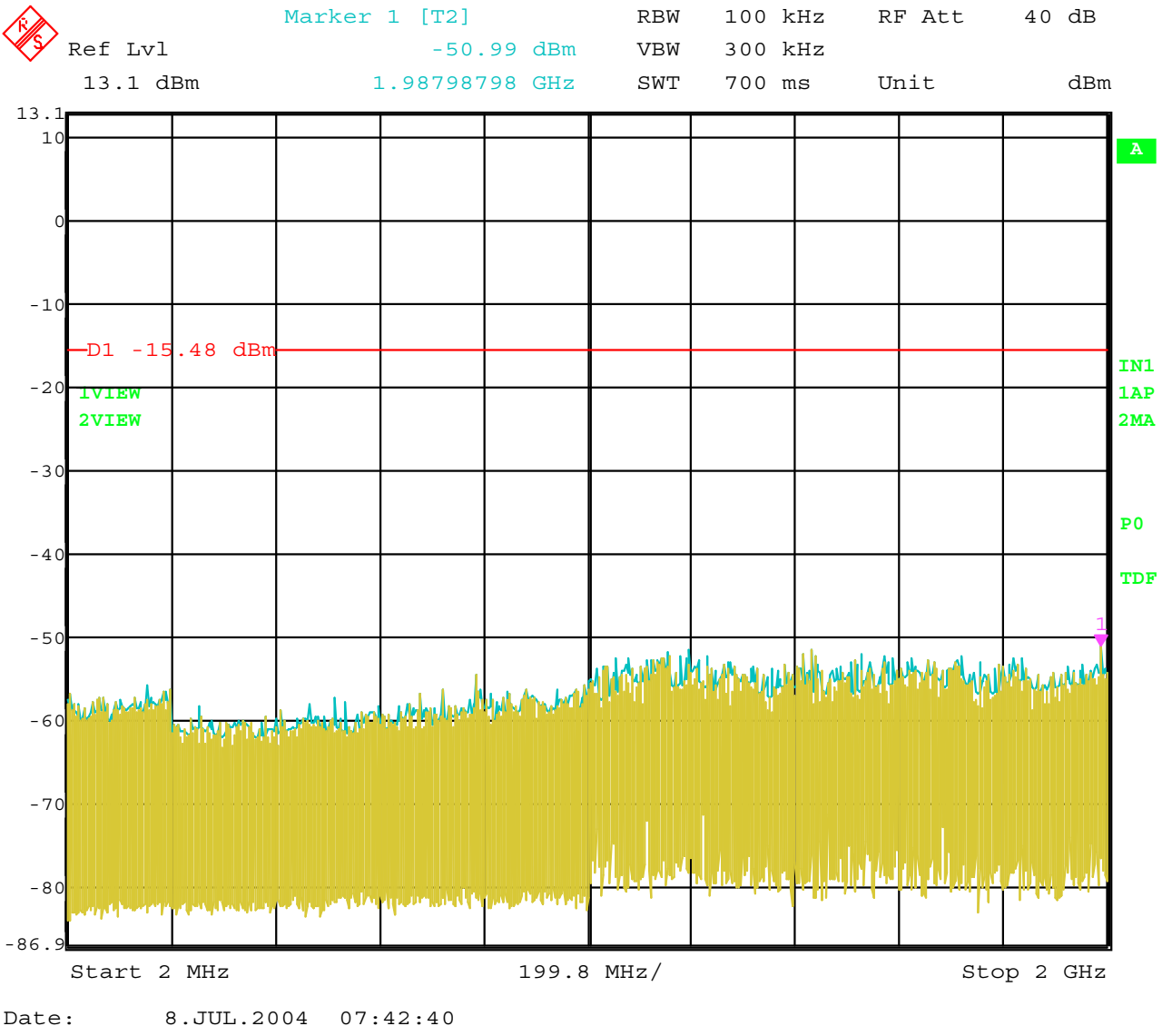
RF Antenna Conducted Test – Channel 6 – 802.11 g Mode – 2 GHz to 3 GHz



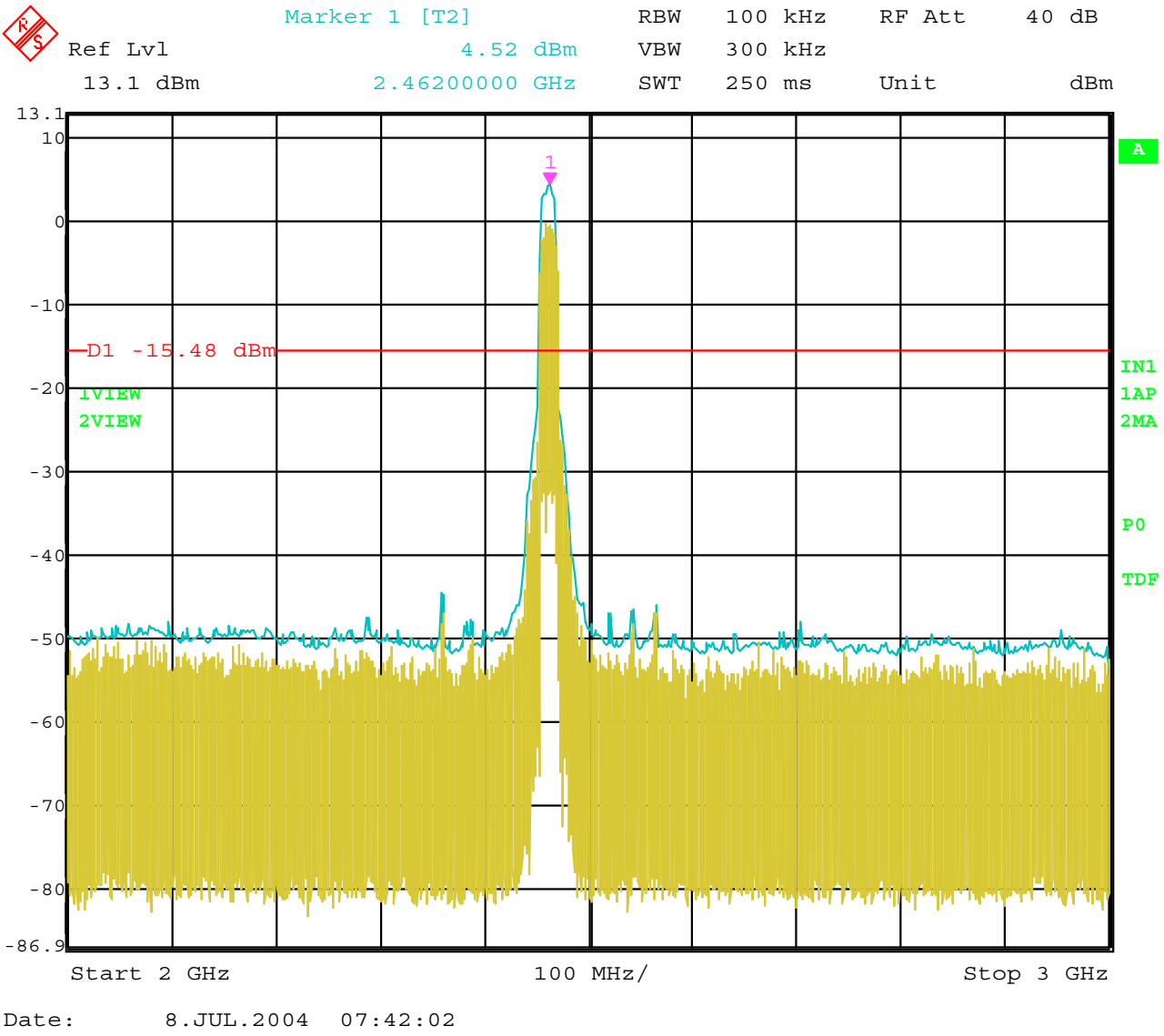
RF Antenna Conducted Test – Channel 6 – 802.11 g Mode – 3 GHz to 10 GHz



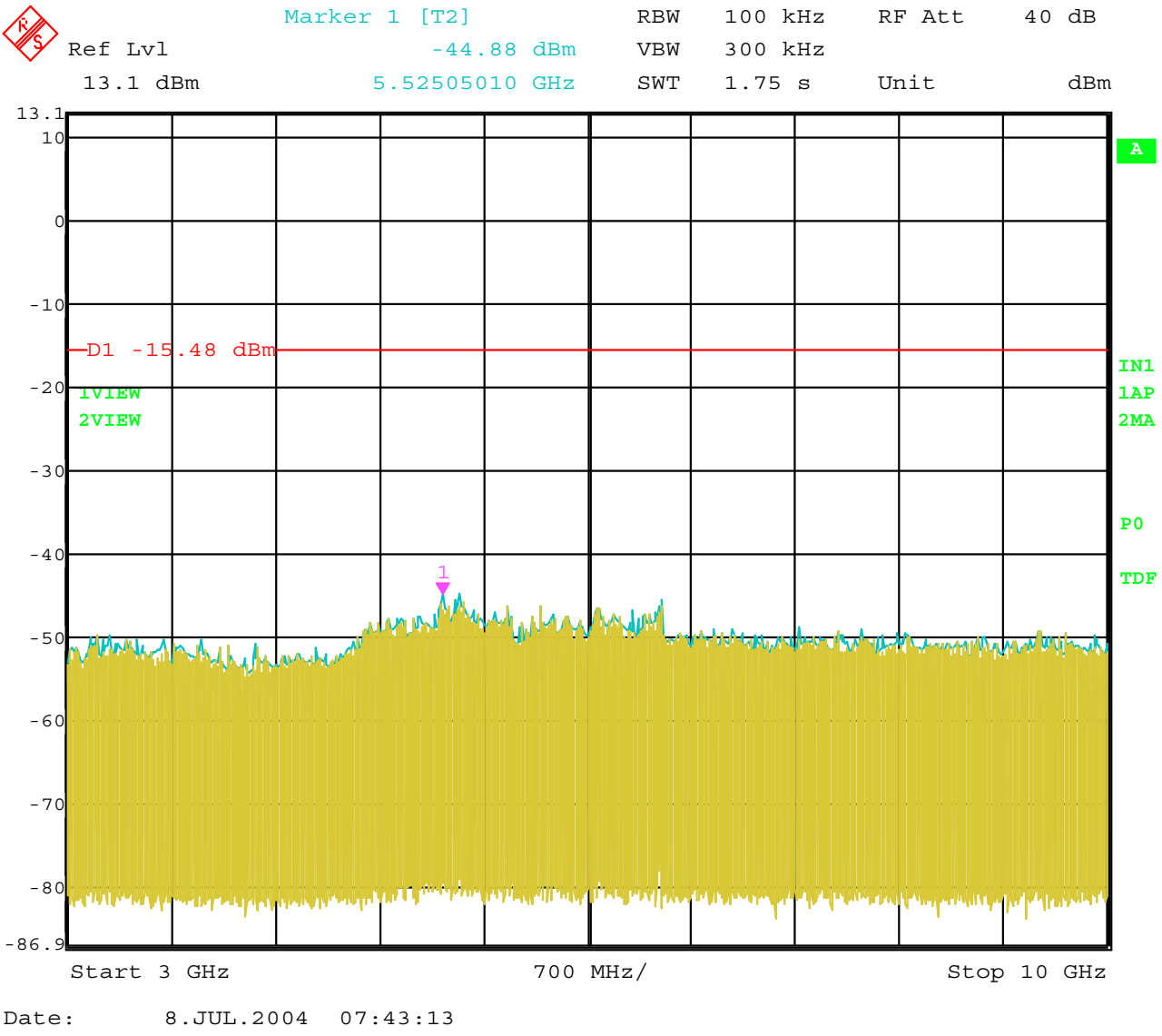
RF Antenna Conducted Test – Channel 6 – 802.11 g Mode – 10 GHz to 25 GHz



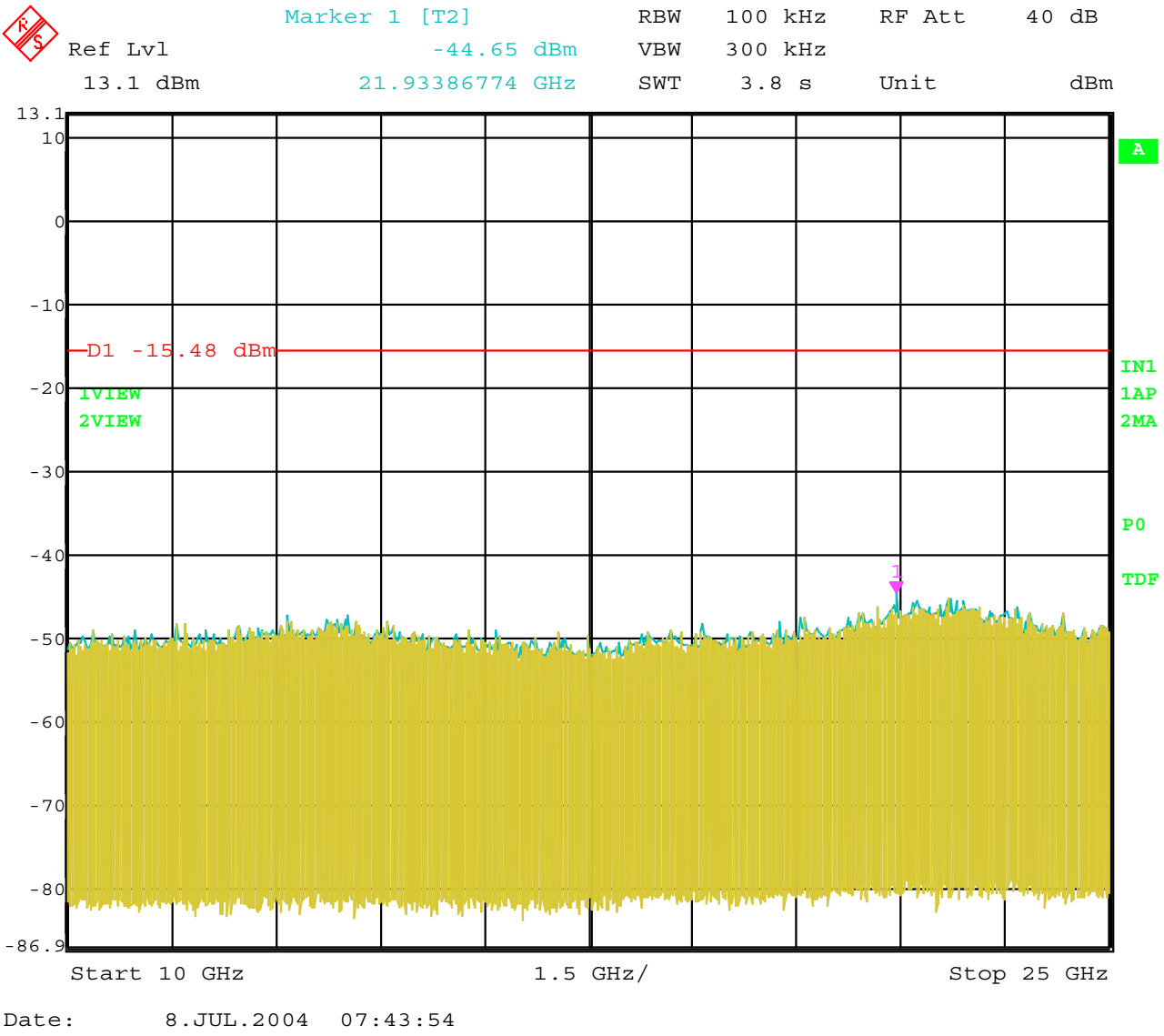
RF Antenna Conducted Test – Channel 11 – 802.11 g Mode – 2 MHz to 2 GHz



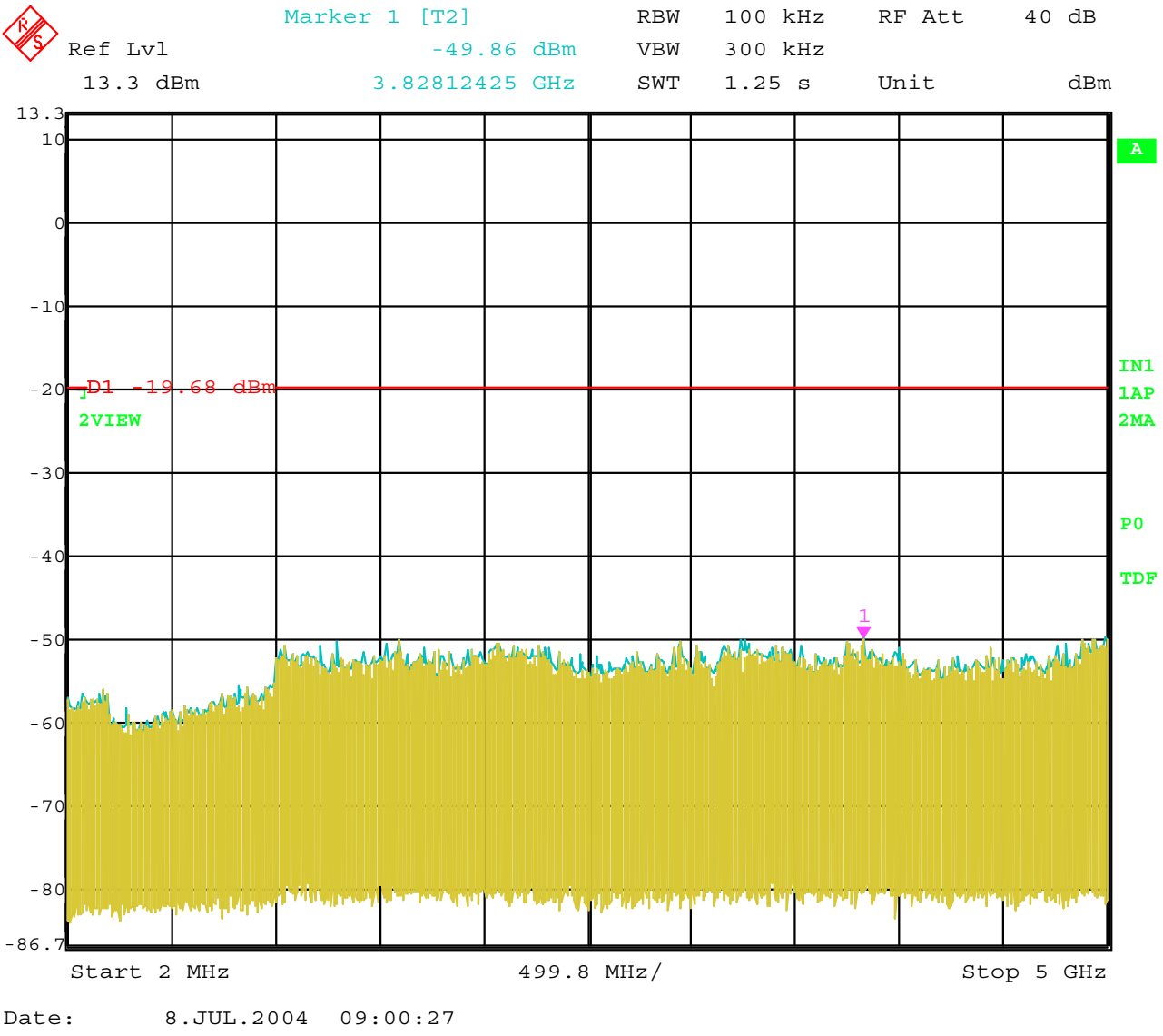
RF Antenna Conducted Test – Channel 11 – 802.11 g Mode – 2 GHz to 3 GHz



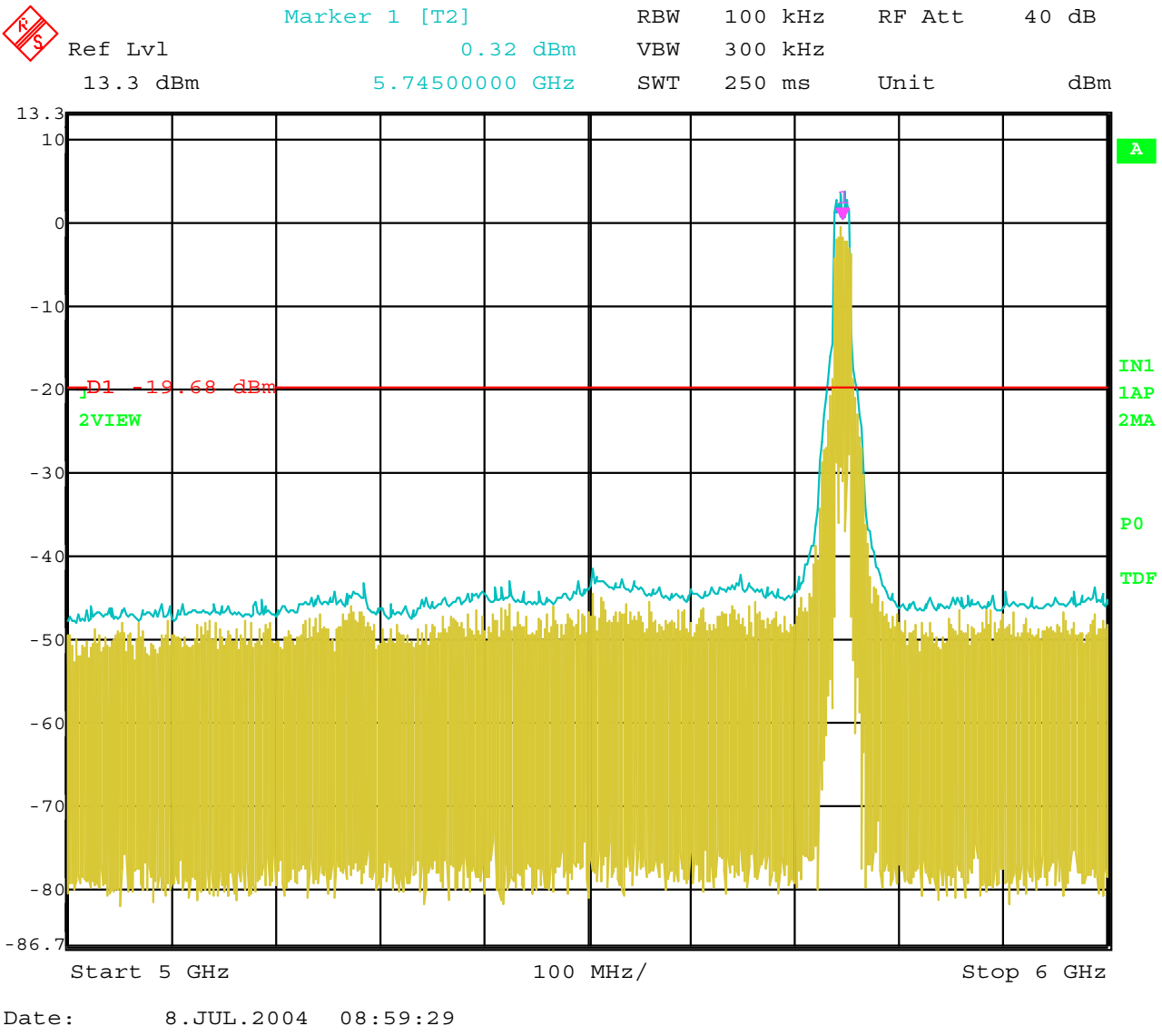
RF Antenna Conducted Test – Channel 11 – 802.11 g Mode – 3 GHz to 10 GHz



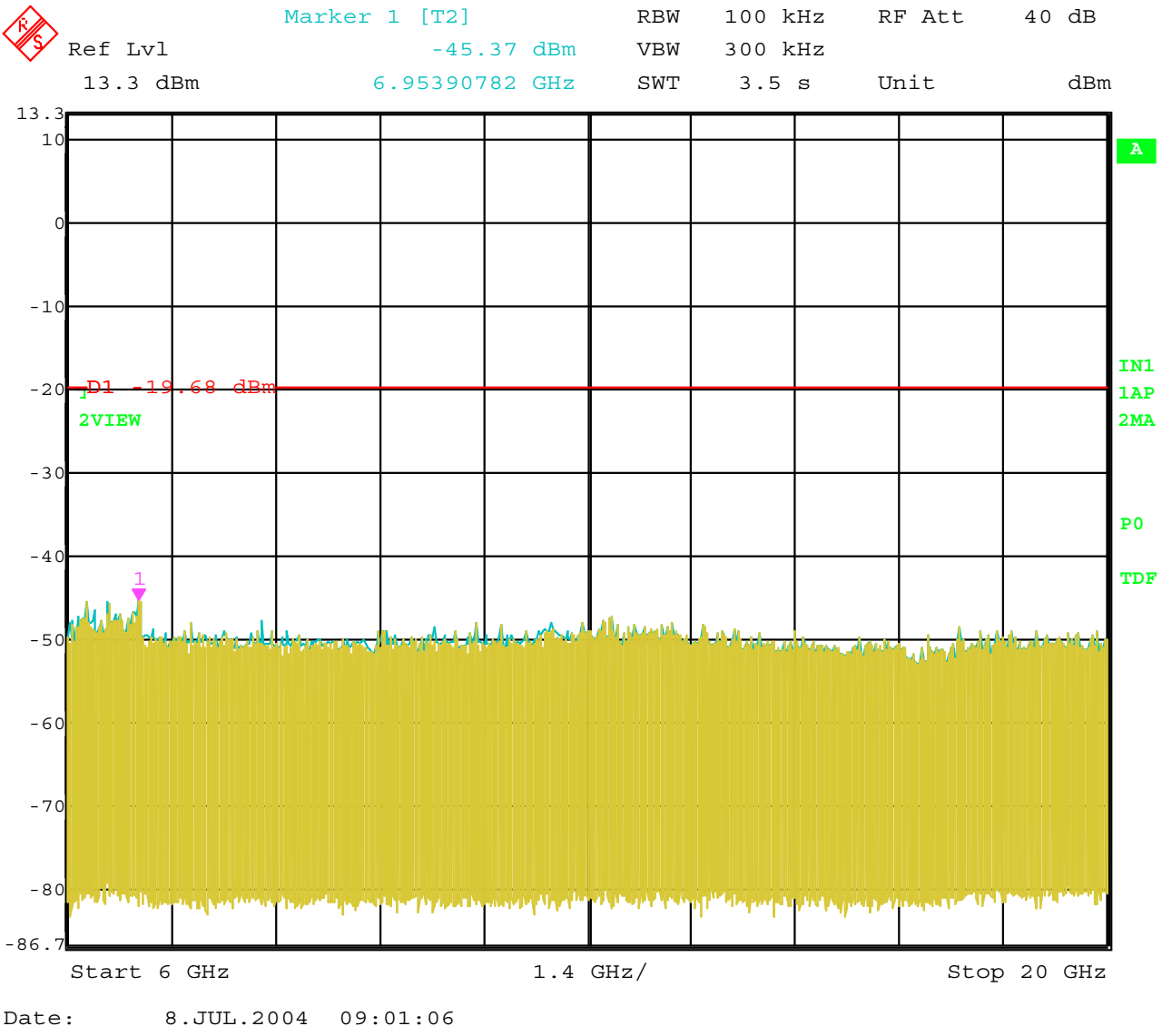
RF Antenna Conducted Test – Channel 11 – 802.11 g Mode – 10 GHz to 25 GHz



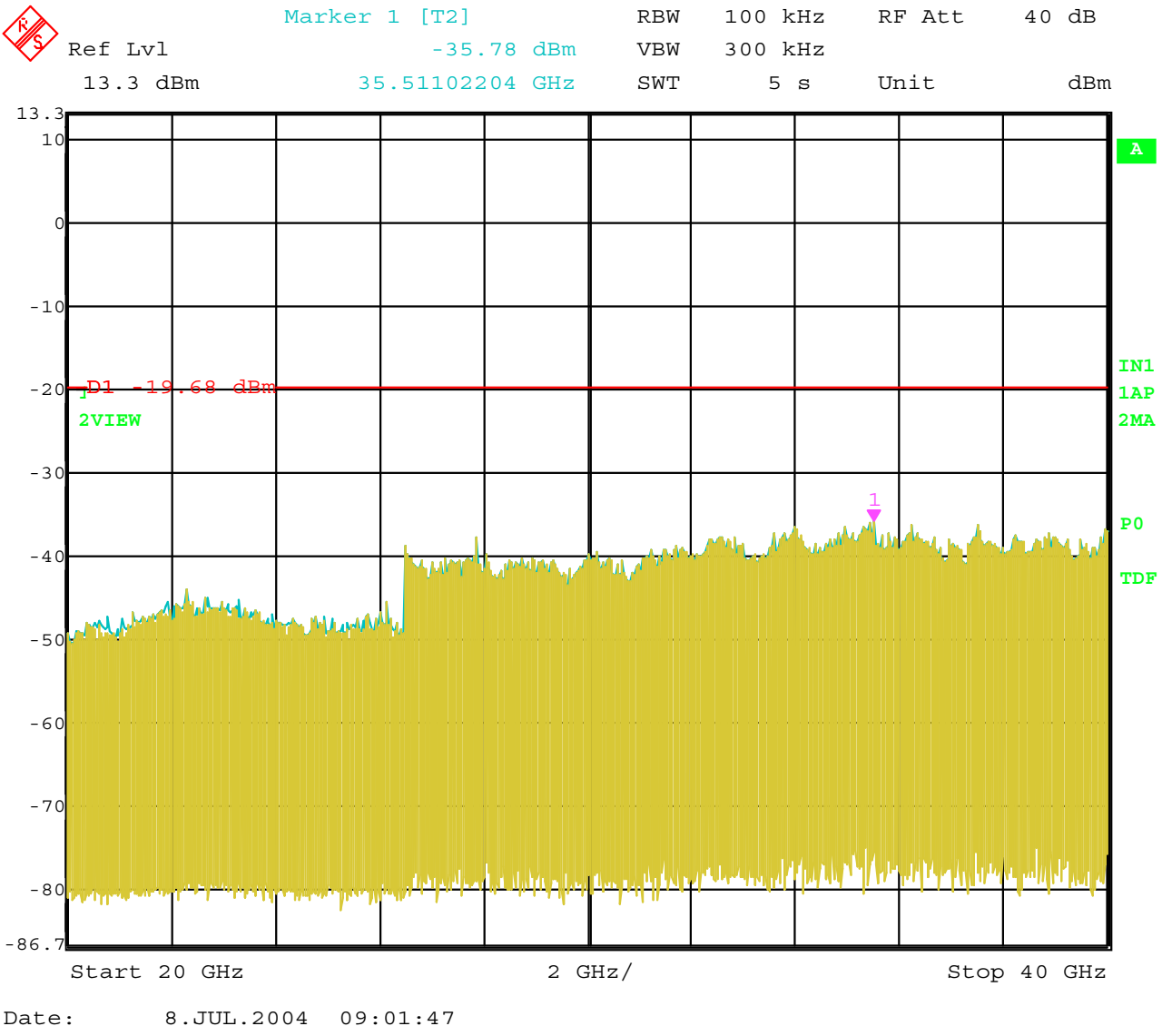
RF Antenna Conducted Test – Channel 149 – 802.11 a Mode – 2 MHz to 5 GHz



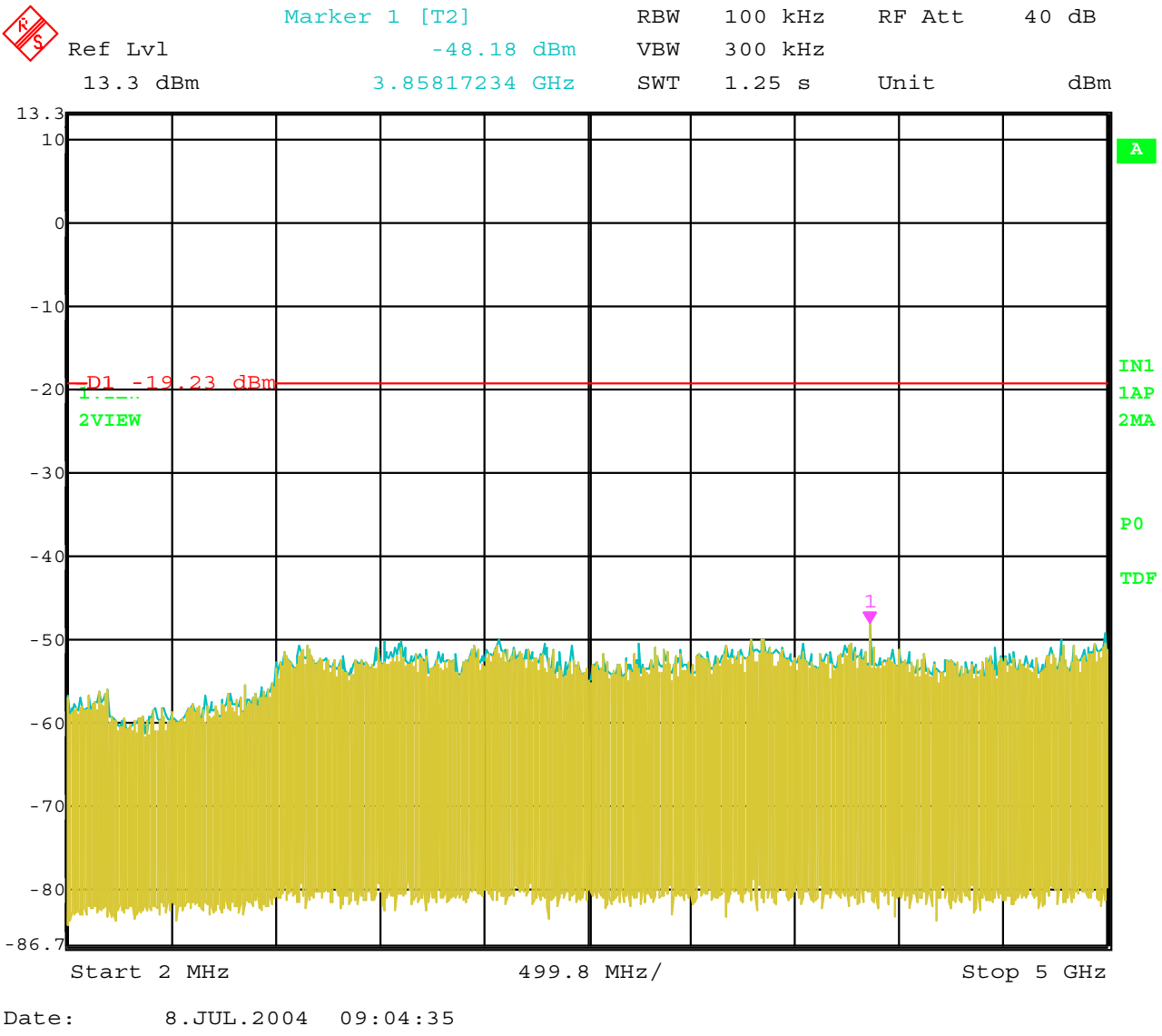
RF Antenna Conducted Test – Channel 149 – 802.11 a Mode – 5 GHz to 6 GHz



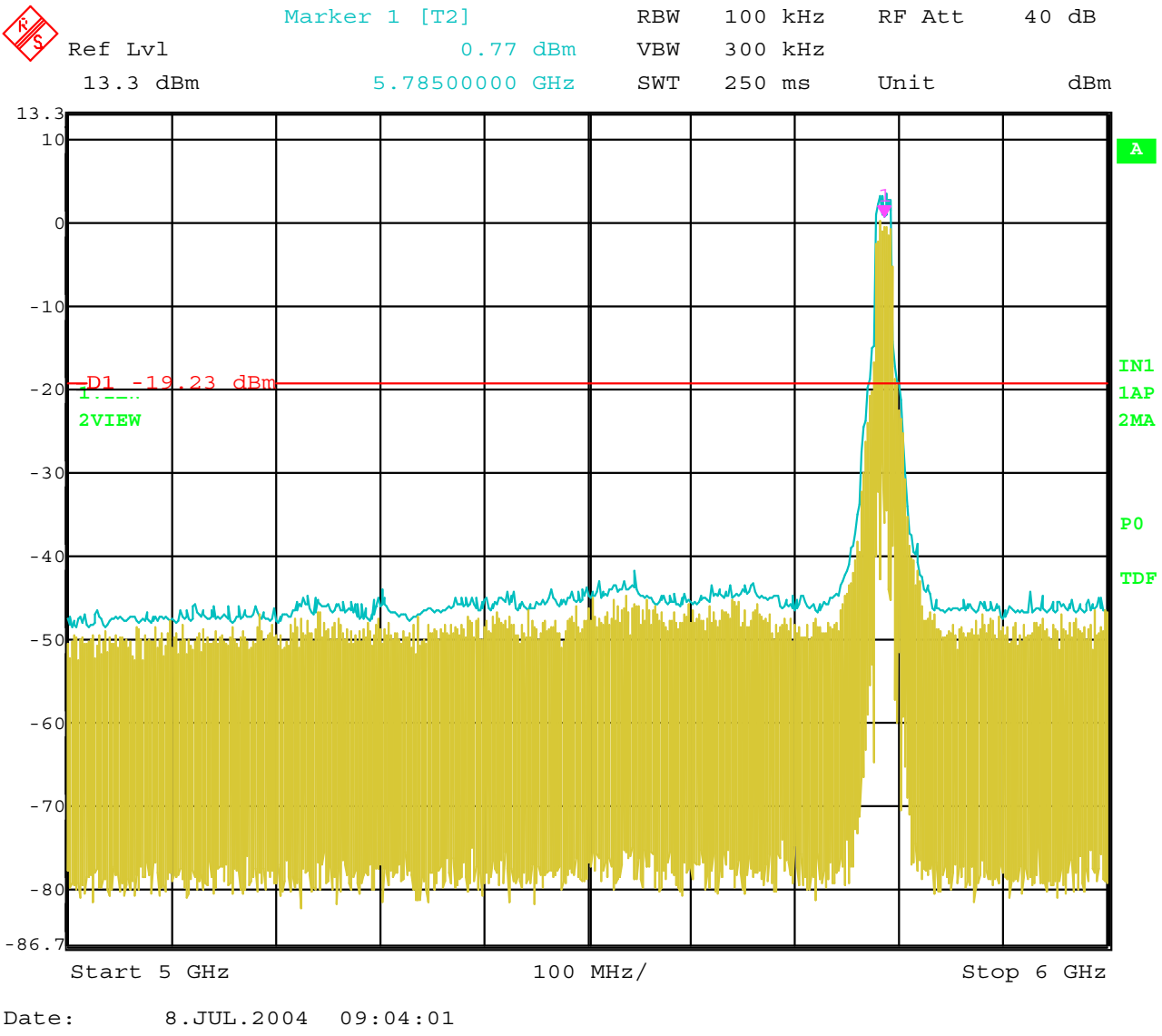
RF Antenna Conducted Test – Channel 149 – 802.11 a Mode – 6 GHz to 20 GHz



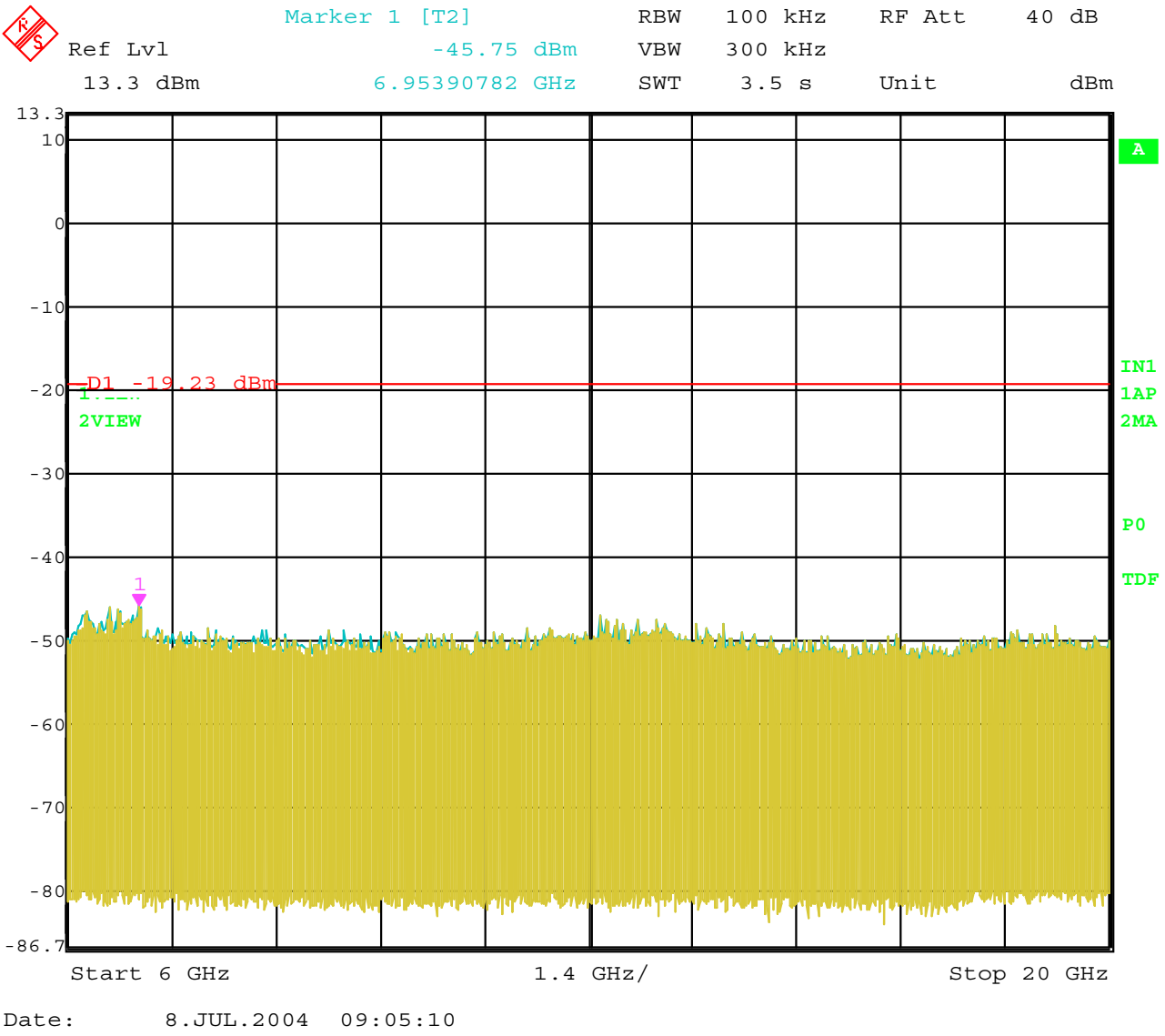
RF Antenna Conducted Test – Channel 149 – 802.11 a Mode – 20 GHz to 40 GHz



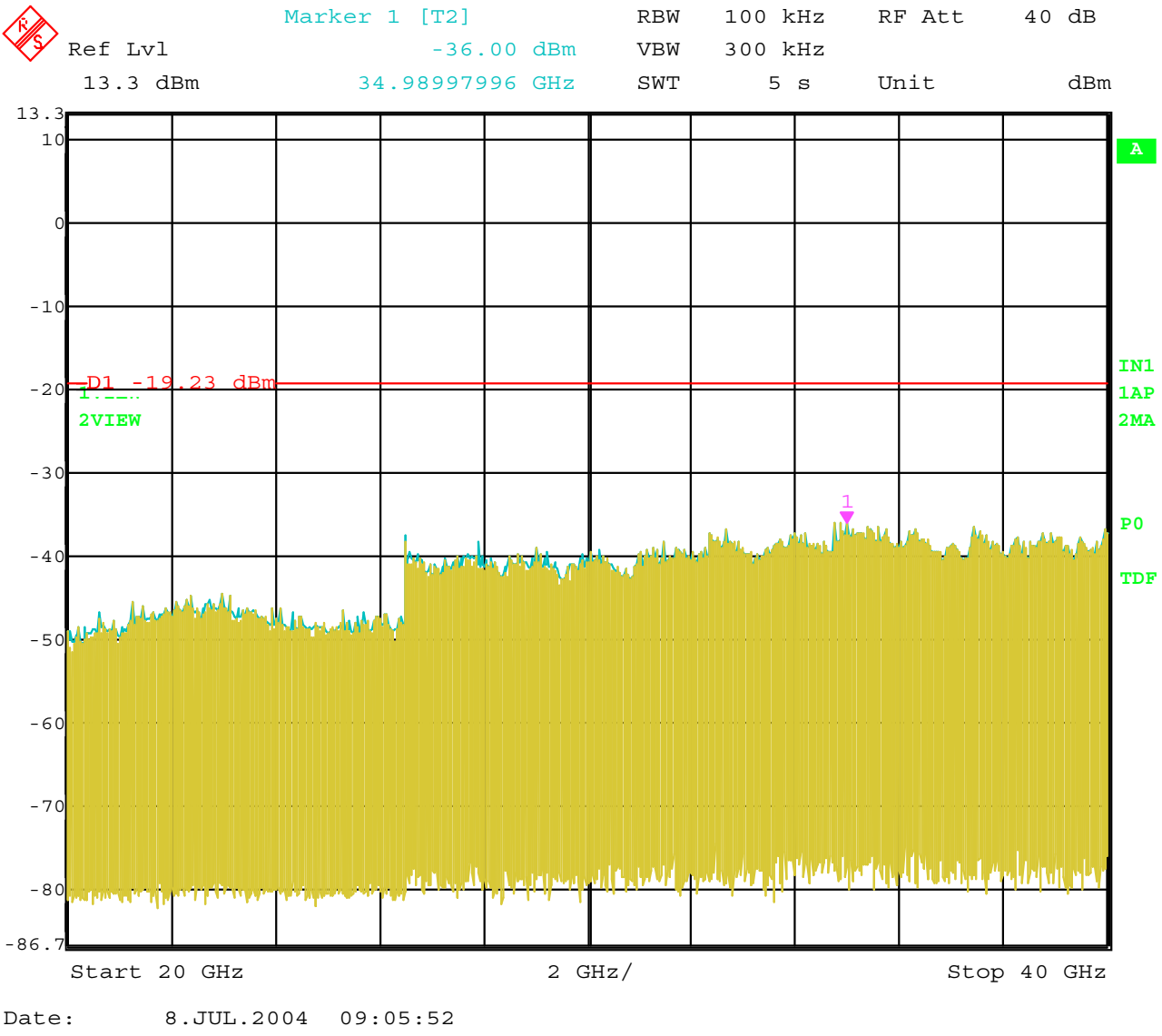
RF Antenna Conducted Test – Channel 157 – 802.11 a Mode – 2 MHz to 5 GHz



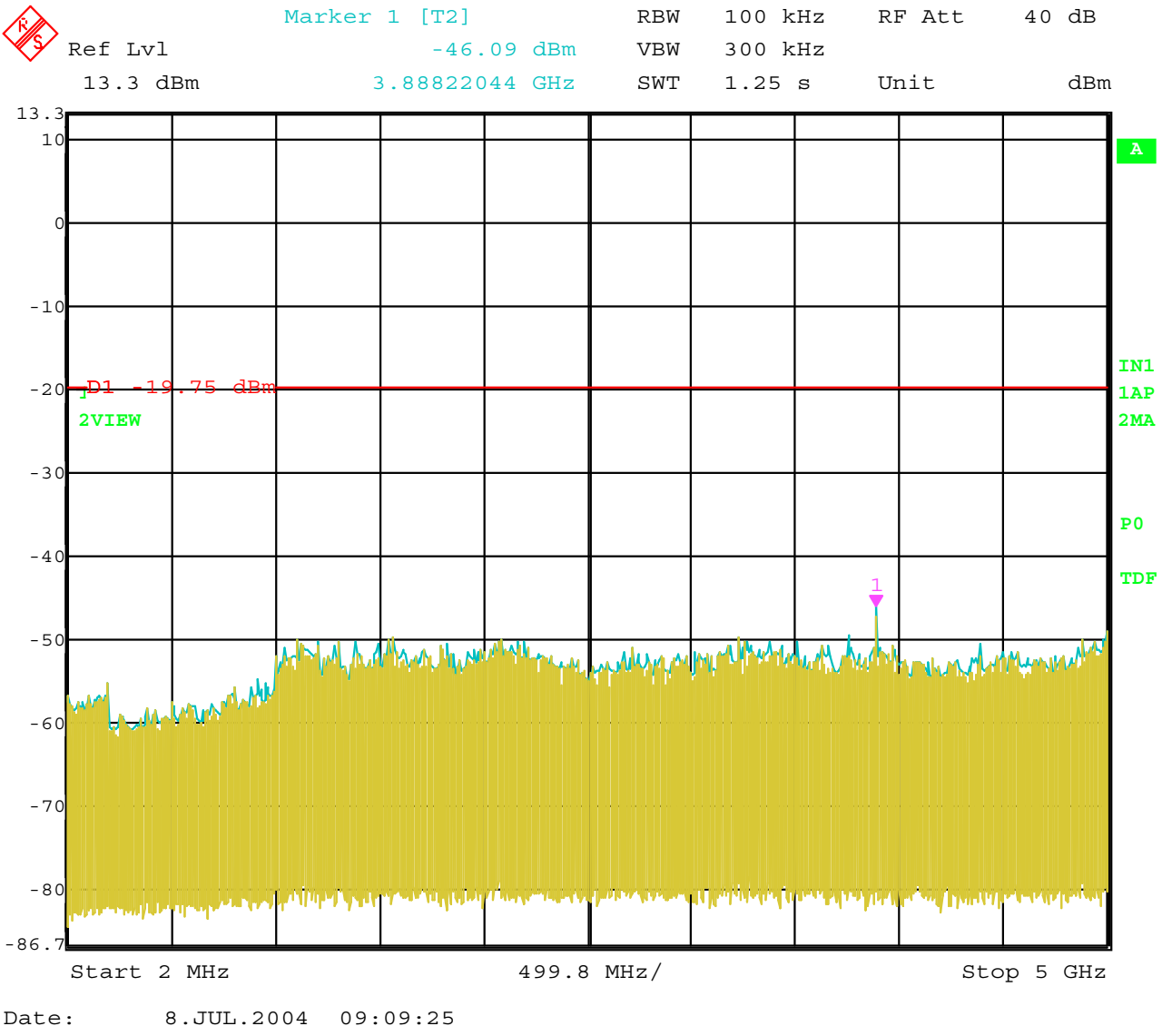
RF Antenna Conducted Test – Channel 157 – 802.11 a Mode – 5 GHz to 6 GHz



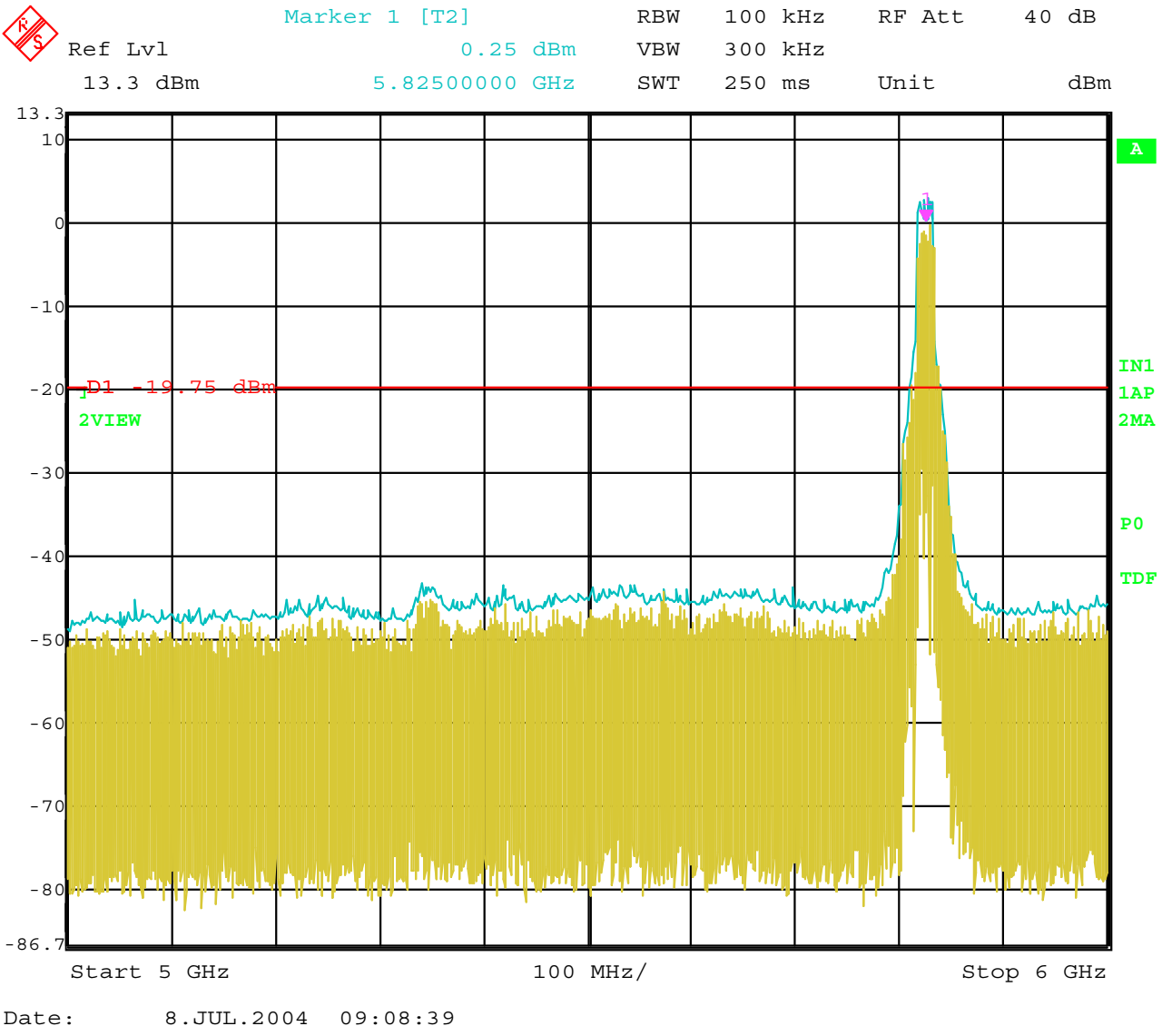
RF Antenna Conducted Test – Channel 157 – 802.11 a Mode – 6 GHz to 20 GHz



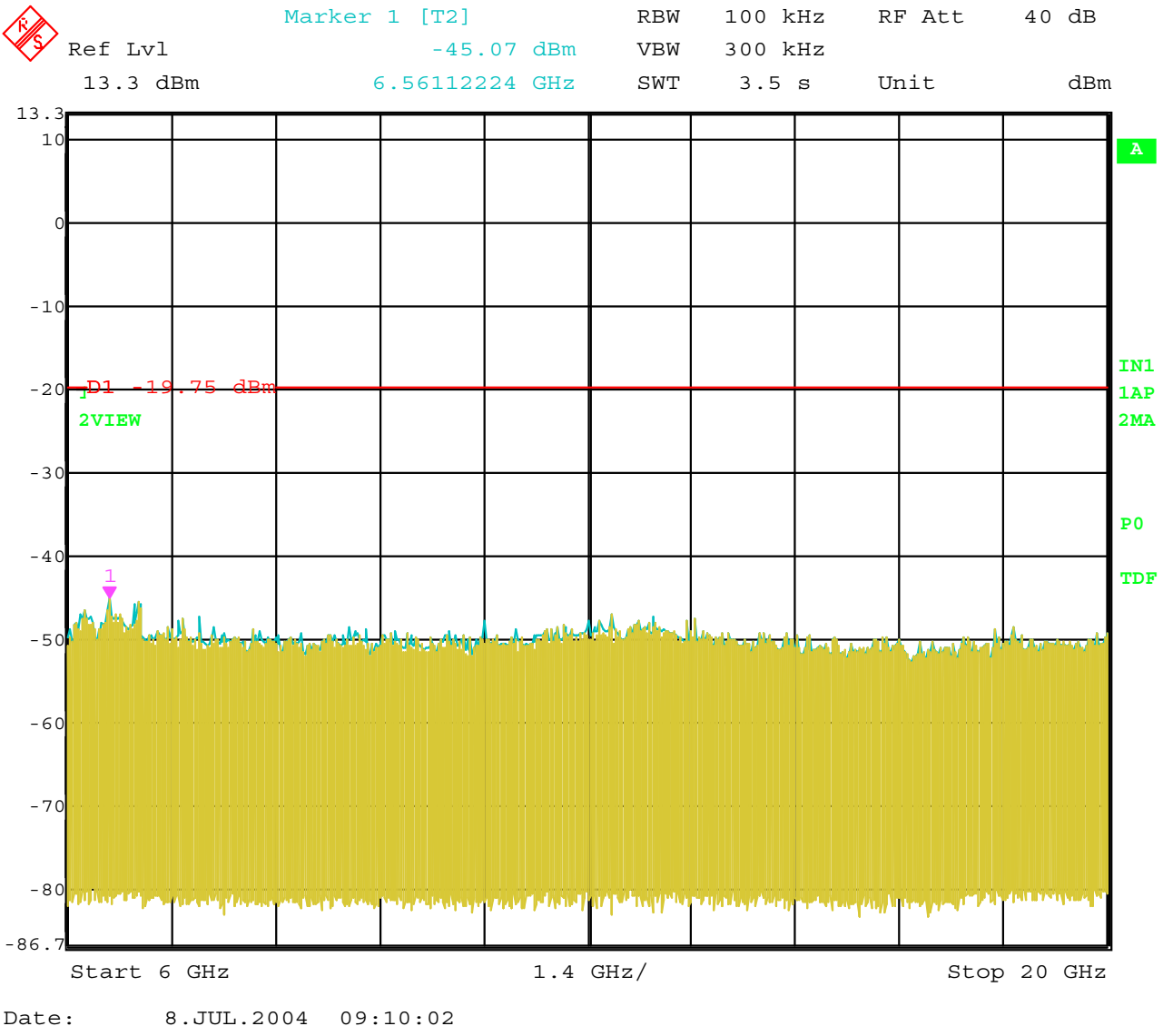
RF Antenna Conducted Test – Channel 157 – 802.11 a Mode – 20 GHz to 40 GHz



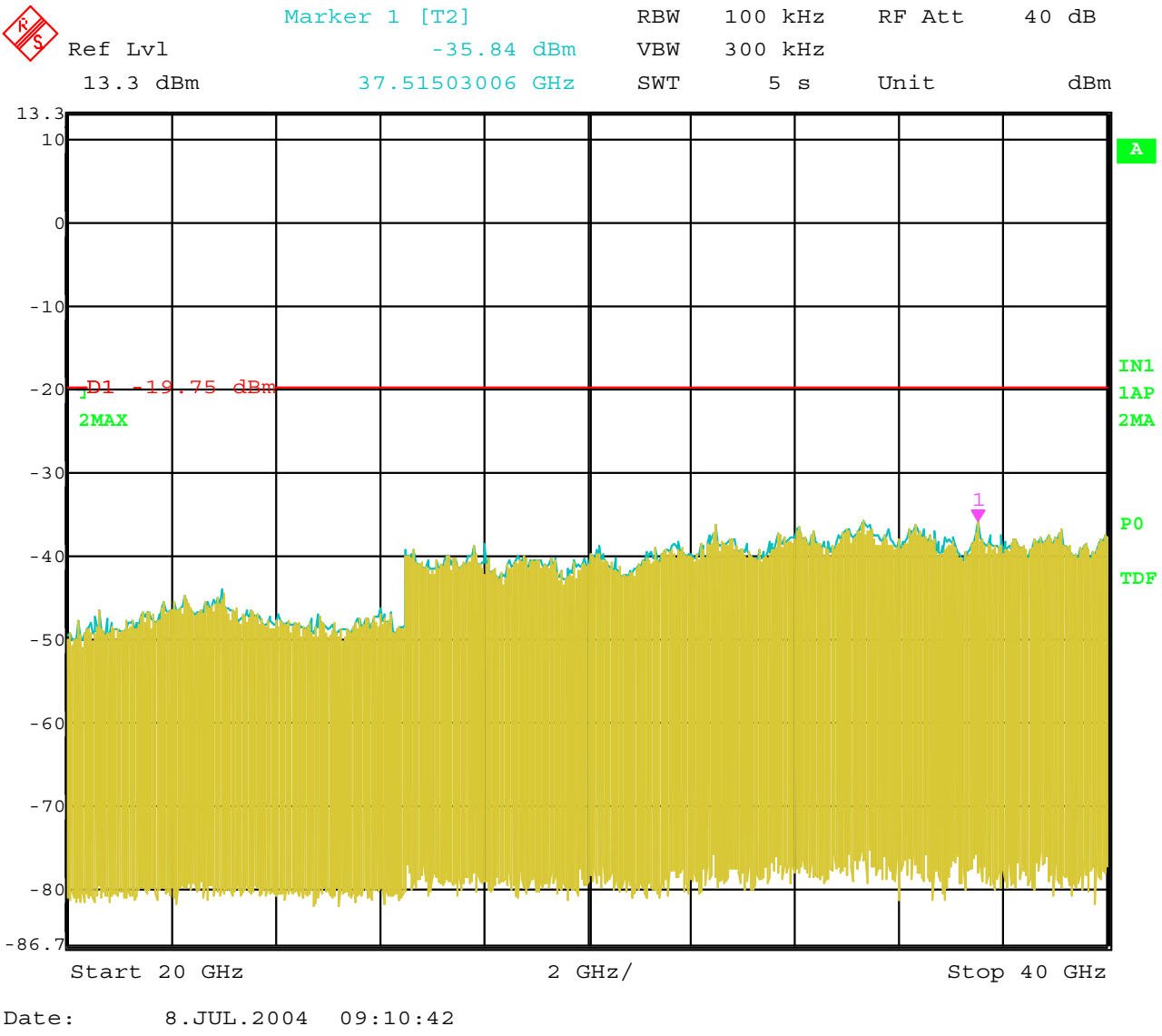
RF Antenna Conducted Test – Channel 165 – 802.11 a Mode – 2 MHz to 5 GHz



RF Antenna Conducted Test – Channel 165 – 802.11 a Mode – 5 GHz to 6 GHz



RF Antenna Conducted Test – Channel 165 – 802.11 a Mode – 6 GHz to 20 GHz



RF Antenna Conducted Test – Channel 165 – 802.11 a Mode – 20 GHz to 40 GHz

BAND EDGES

DATA SHEETS

FCC 15.247

Intel Corporation — Date: 07/07/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Benigno Chavez
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 1 - 802.11 b Mode **Transmit Mode**
Gain : 18.0 Peak Power: 19.01 dBm Avg. Power: 16.88 dBm
Channel 6 - 802.11 b Mode **Transmit Mode**
Gain : 17.5 Peak Power: 19.00 dBm Avg. Power: 16.98 dBm
Channel 11 - 802.11 b Mode **Transmit Mode**
Gain : 18.0 Peak Power: 19.21 dBm Avg. Power: 17.28 dBm

Transmit Mode

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2412	100.05	V	--	--	Peak	1.5	45	Fundamental of Channel 1
2412	96.53	V	--	--	Avg	1.5	45	@ 3 meters
2390	46.04	V	74	-27.96	Peak	1.5	45	**No** Marker Delta Method
2390	34.09	V	54	-19.91	Avg	1.5	45	Method Used
2387.7	48.2	V	74	-25.8	Peak	1.5	45	**No** Marker Delta Method
2387.7	38.61	V	54	-15.39	Avg	1.5	45	Method Used
2437	100.87	V	--	--	Peak	1.5	45	Fundamental of Channel 6
2437	97.43	V	--	--	Avg	1.5	45	@ 3 meters
2462	102.22	V	--	--	Peak	3	90	Fundamental of Channel 11
2462	98.67	V	--	--	Avg	3	90	@ 3 meters
2485.4	49.8	V	74	-24.2	Peak	3	90	**No** Marker Delta Method
2485.4	39.37	V	54	-14.63	Avg	3	90	Method Used
2488.8	51.01	V	74	-22.99	Peak	3	90	**No** Marker Delta Method
2488.8	44.09	V	54	-9.91	Avg	3	90	Method Used

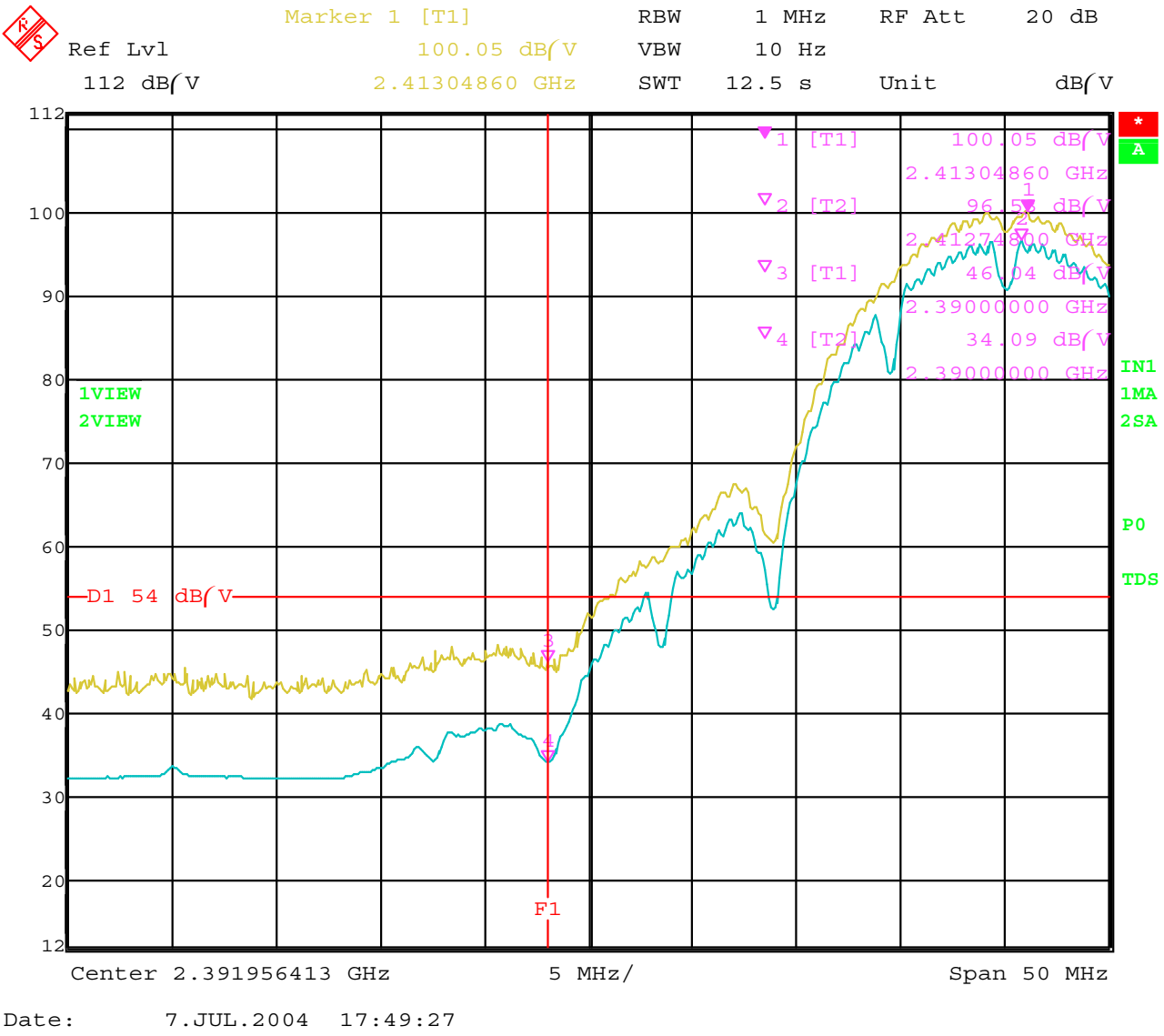
FCC 15.247

Intel Corporation — Date: 07/07/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2915ABG — Tested By: Benigno Chavez
Configuration: Hewlett Packard Series PP3006 Tablet Computer

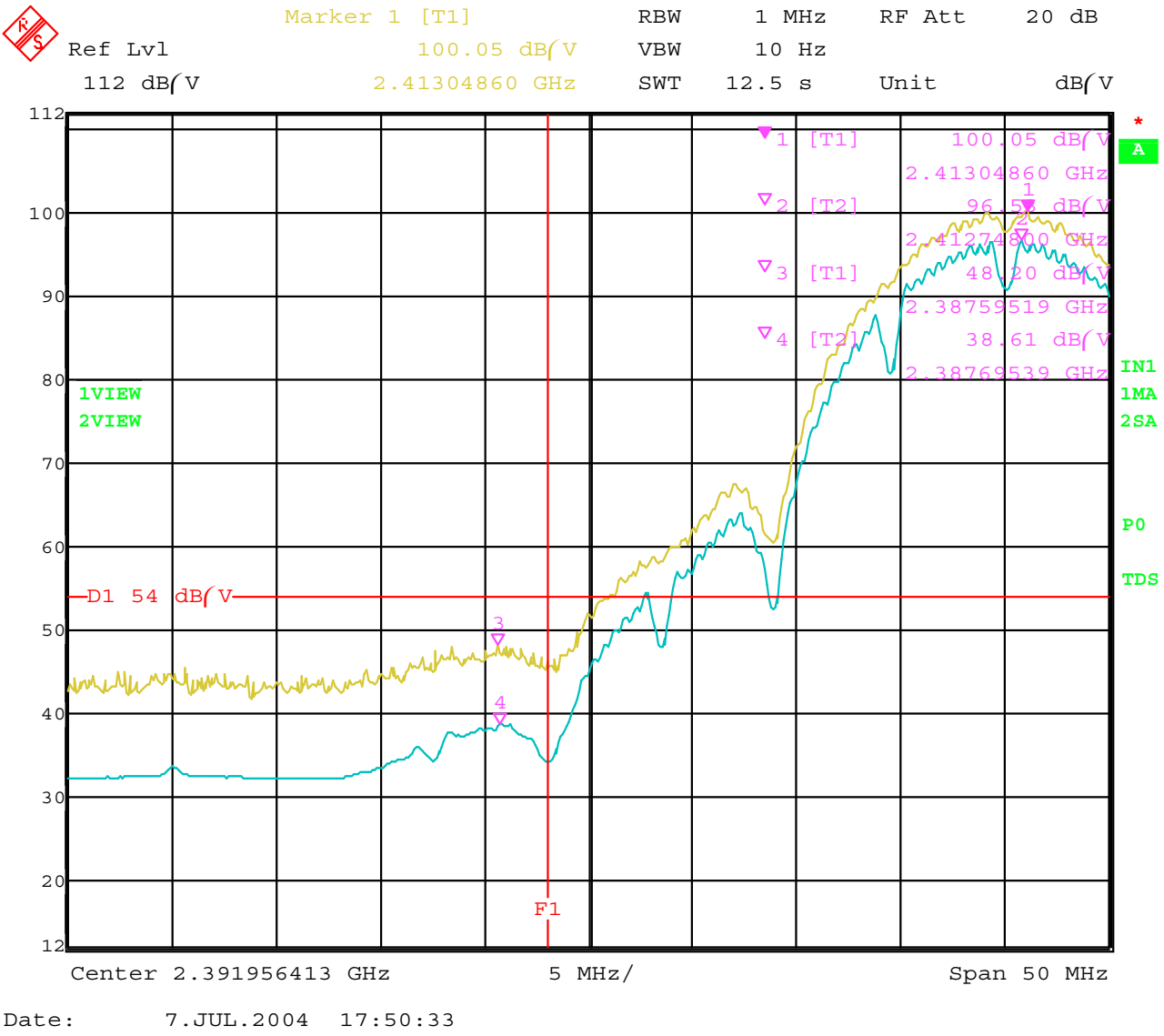
Channel 1 - 802.11 b Mode **Transmit Mode**
Gain : 18.0 Peak Power: 19.01 dBm Avg. Power: 16.88 dBm
Channel 6 - 802.11 b Mode **Transmit Mode**
Gain : 17.5 Peak Power: 19.00 dBm Avg. Power: 16.98 dBm
Channel 11 - 802.11 b Mode **Transmit Mode**
Gain : 18.0 Peak Power: 19.21 dBm Avg. Power: 17.28 dBm

Transmit Mode

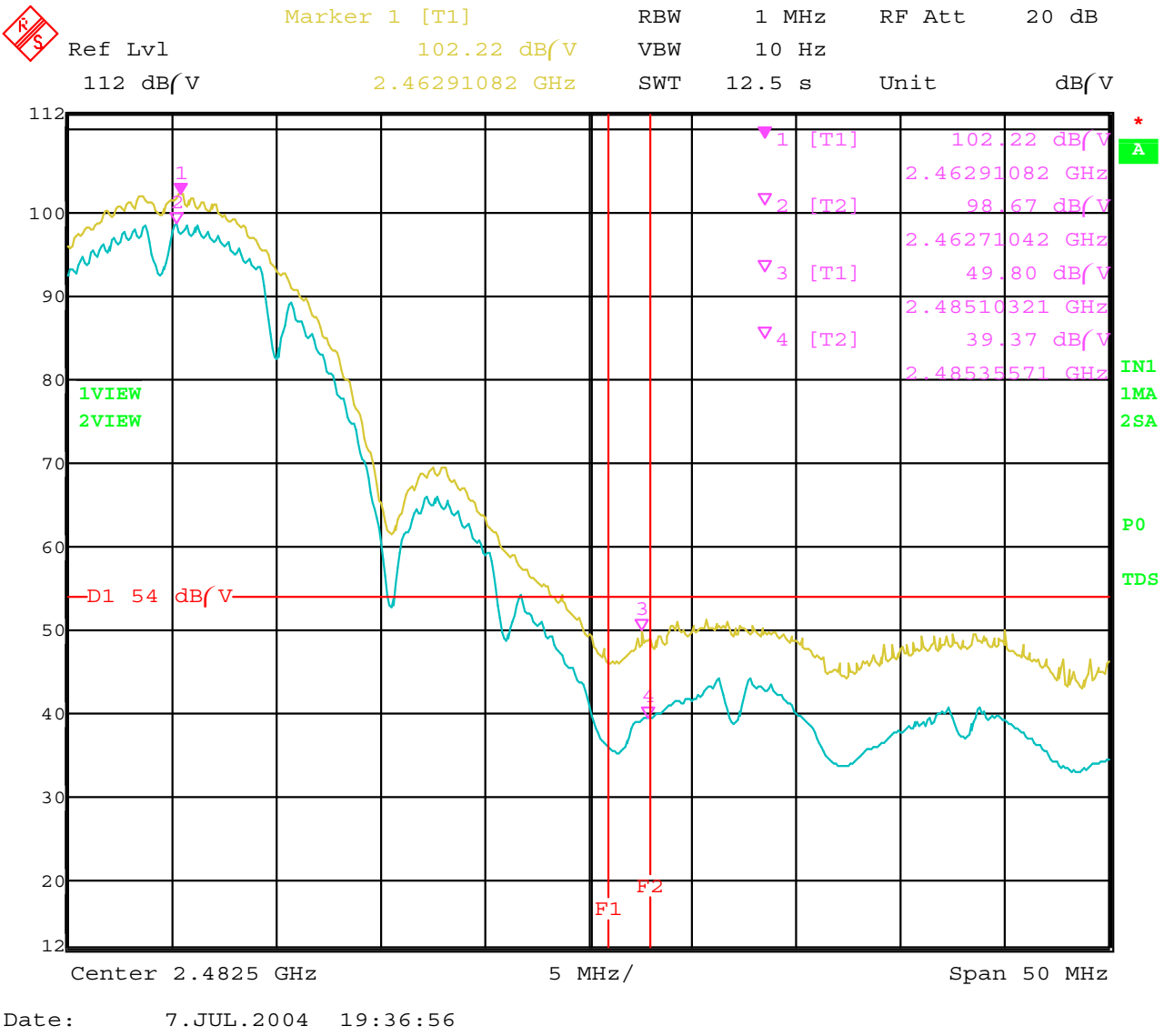
Freq. (MHz)		Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
2412	107.28	H	--	--	Peak	3.25	0	Fundamental of Channel 1
2412	103.77	H	--	--	Avg	3.25	0	@ 3 meters
2390	49.54	H	74	-24.46	Peak	3.25	0	**No** Marker Delta Method
2390	39.98	H	54	-14.02	Avg	3.25	0	Method Used
2387.7	52.96	H	74	-21.04	Peak	3.25	0	**No** Marker Delta Method
2387.7	44.41	H	54	-9.59	Avg	3.25	0	Method Used
2437	109.01	H	--	--	Peak	3.25	0	Fundamental of Channel 6
2437	105.61	H	--	--	Avg	3.25	0	@ 3 meters
2462	109.49	H	--	--	Peak	3.25	0	Fundamental of Channel 11
2462	105.93	H	--	--	Avg	3.25	0	@ 3 meters
2485.3	56.13	H	74	-17.87	Peak	3.25	0	**No** Marker Delta Method
2485.3	46.74	H	54	-7.26	Peak	3.25	0	Method Used
2488.8	57.46	H	74	-16.54	Peak	3.25	0	**No** Marker Delta Method
2488.8	51.42	H	54	-2.58	Peak	3.25	0	Method Used



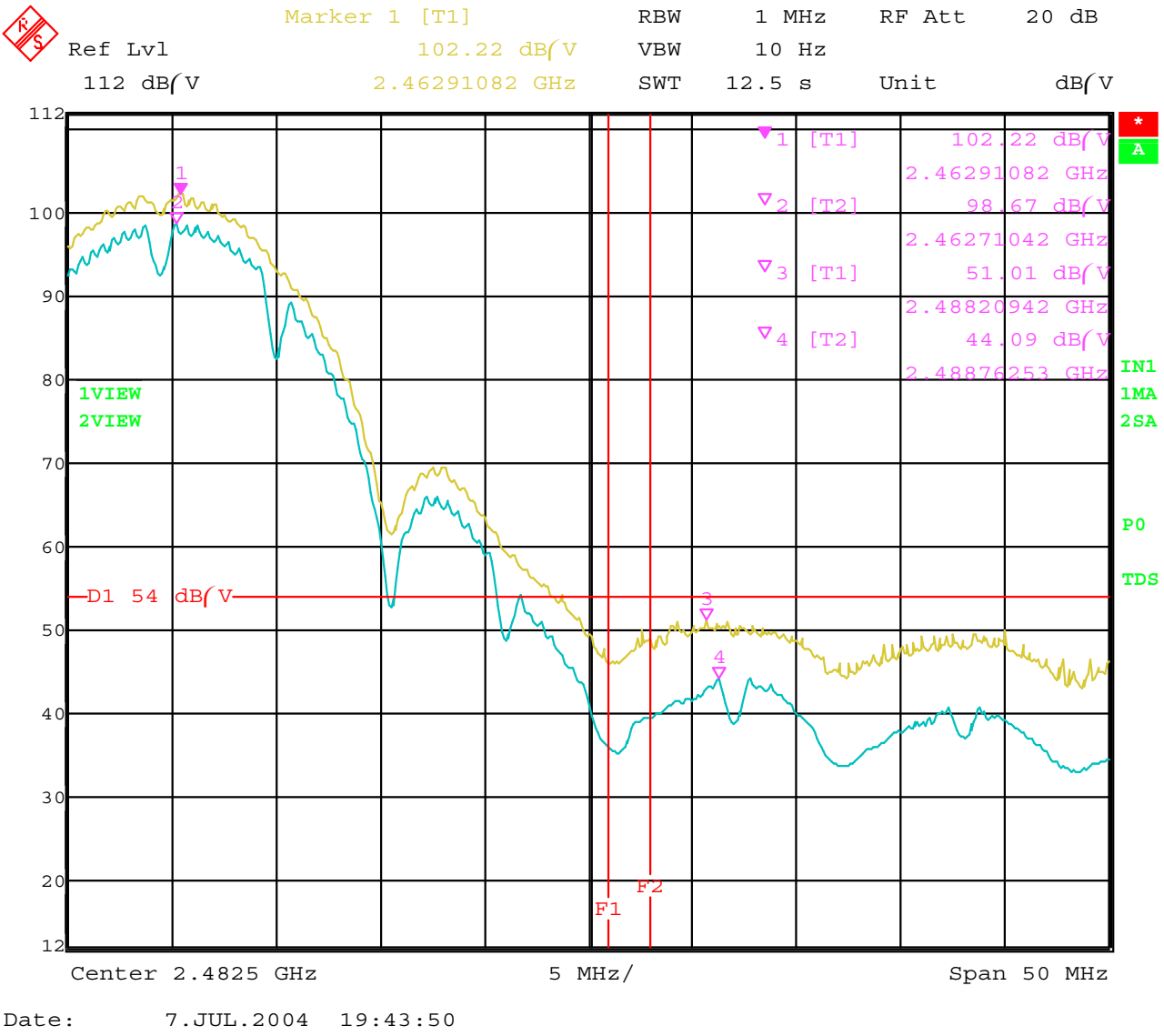
Band Edge – Channel 1 – Vertical Polarization – 802.11 b Mode Plot 1



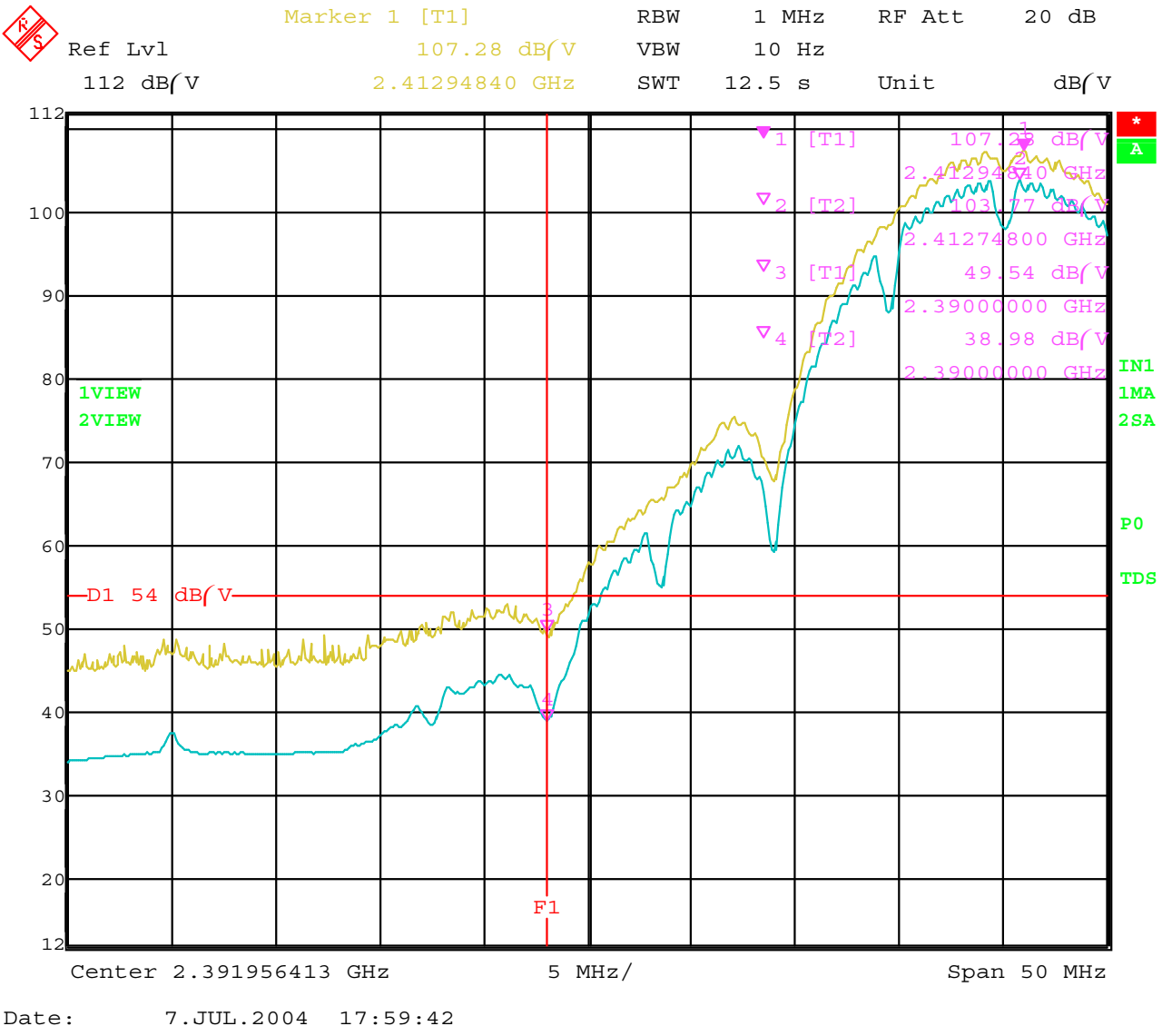
Band Edge – Channel 1 – Vertical Polarization – 802.11 b Mode Plot 2



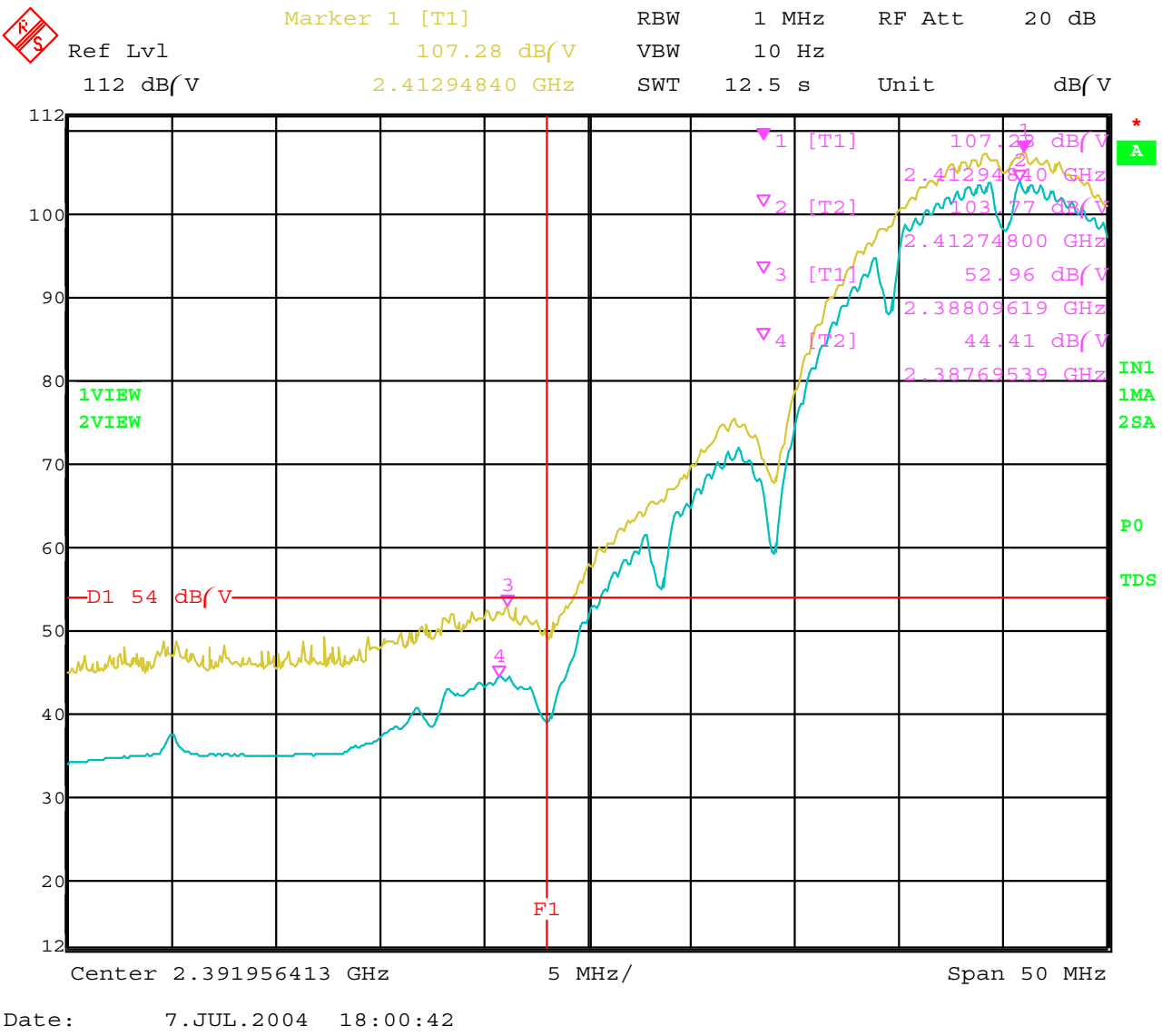
Band Edge – Channel 11 – Vertical Polarization – 802.11 b Mode Plot 1



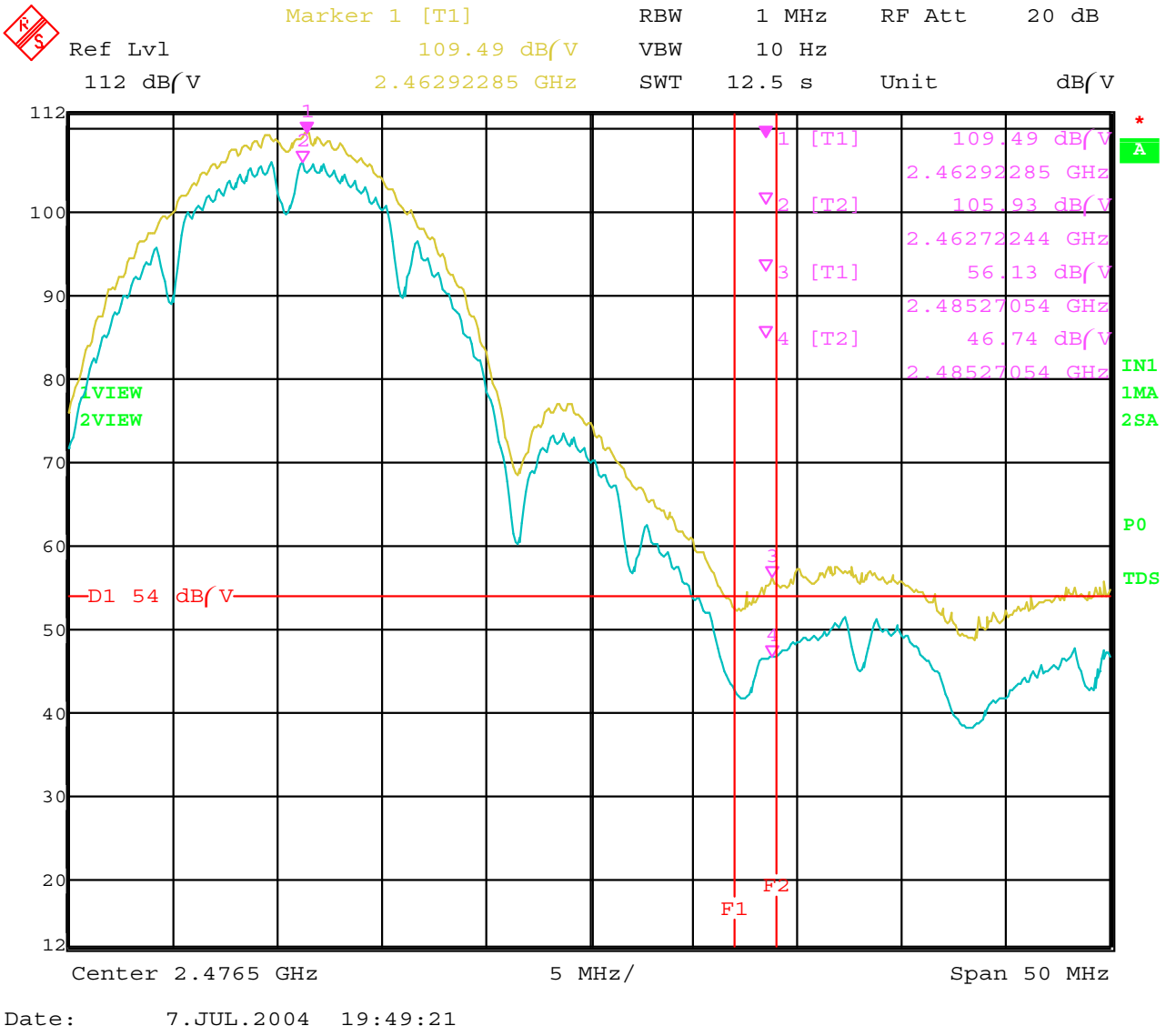
Band Edge – Channel 11 – Vertical Polarization – 802.11 b Mode Plot 2



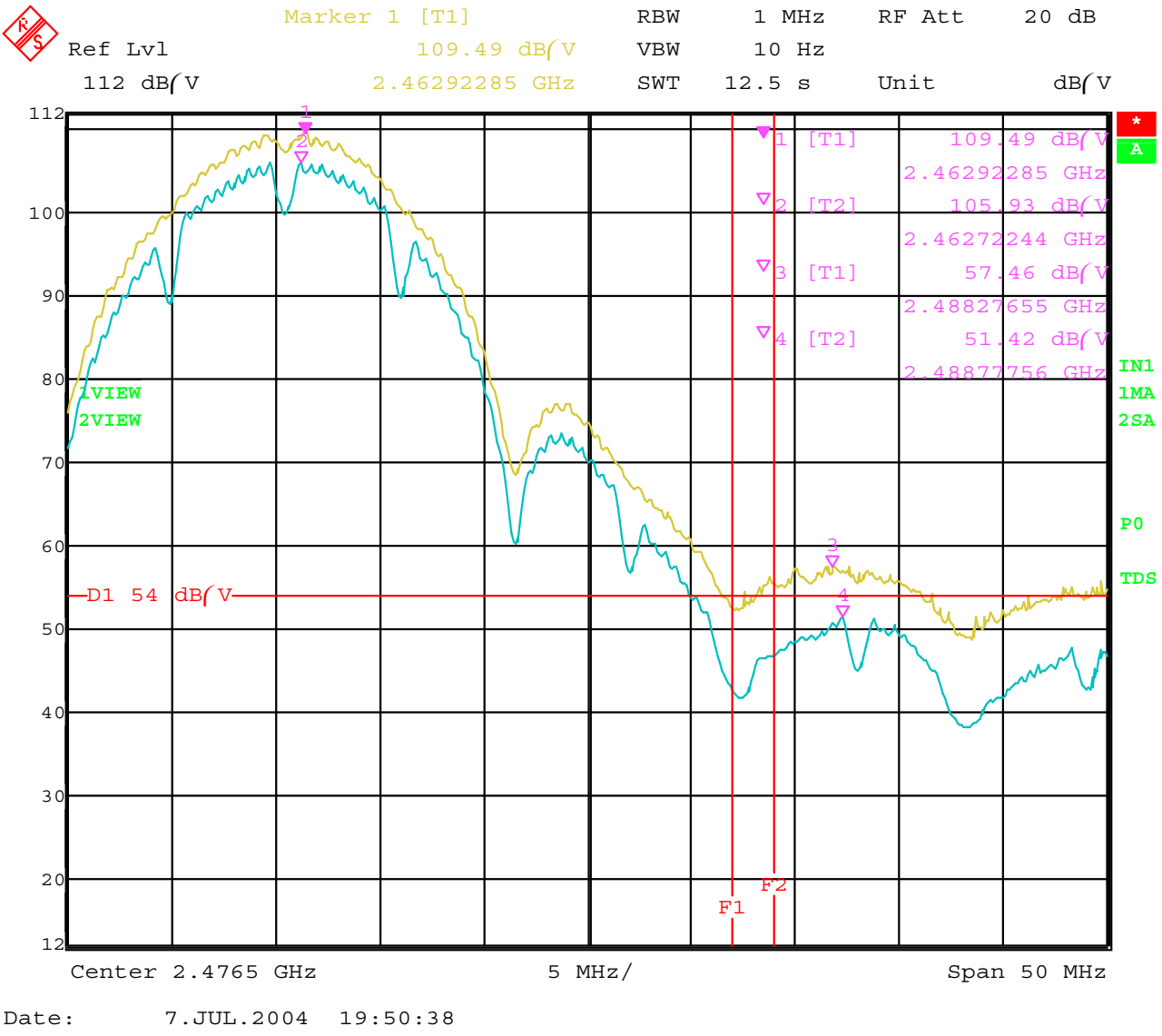
Band Edge – Channel 1 – Horizontal Polarization – 802.11 b Mode Plot 1



Band Edge – Channel 1 – Horizontal Polarization – 802.11 b Mode Plot 2



Band Edge – Channel 11 – Horizontal Polarization – 802.11 b Mode Plot 1



Band Edge – Channel 11 – Horizontal Polarization – 802.11 b Mode Plot 2

FCC 15.247

Intel Corporation — Date: 07/07/04

Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B

Model: WM3B2195ABG — Tested By: Benigno Chavez

Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 149 - 802.11 a Mode **Transmit Mode**

Gain : 18.5 Peak Power: 20.25 dBm Avg. Power: 17.01 dBm

Channel 157 - 802.11 a Mode **Transmit Mode**

Gain : 19.0 Peak Power: 20.37 dBm Avg. Power: 17.28 dBm

Channel 165 - 802.11 a Mode **Transmit Mode**

Gain : 19.0 Peak Power: 20.42 dBm Avg. Power: 17.24 dBm

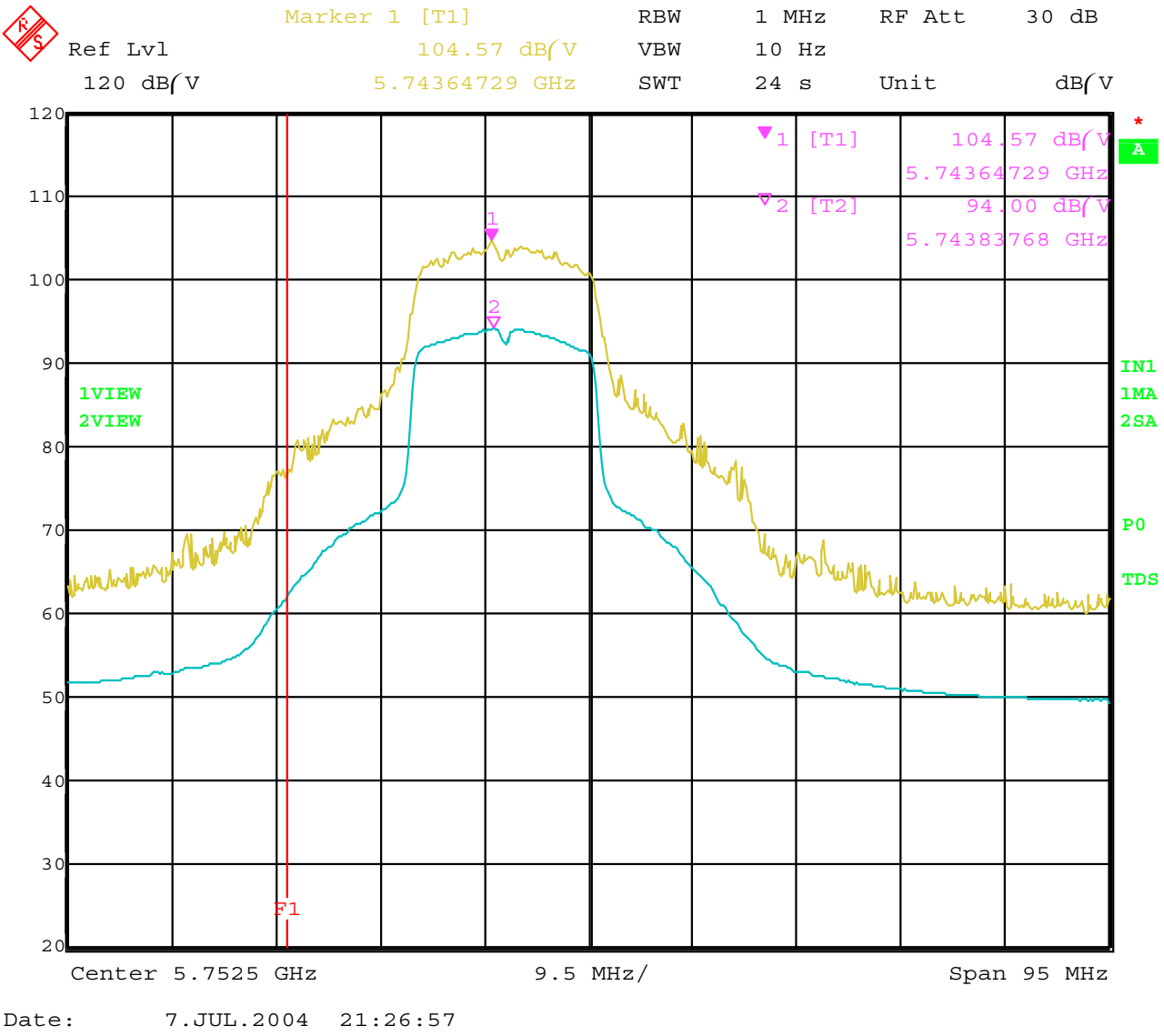
Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
5745	104.57	V	--	--	Peak	2	315	Fundamental of Channel 149
5745	94	V	--	--	Avg	2	315	@ 3 meters
5785	103.98	V	--	--	Peak	2	315	Fundamental of Channel 157
5785	93.62	V	--	--	Avg	2	315	@ 3 meters
5825	102.21	V	--	--	Peak	2	0	Fundamental of Channel 165
5825	92.18	V	--	--	Avg	2	0	@ 3 meters

FCC 15.247

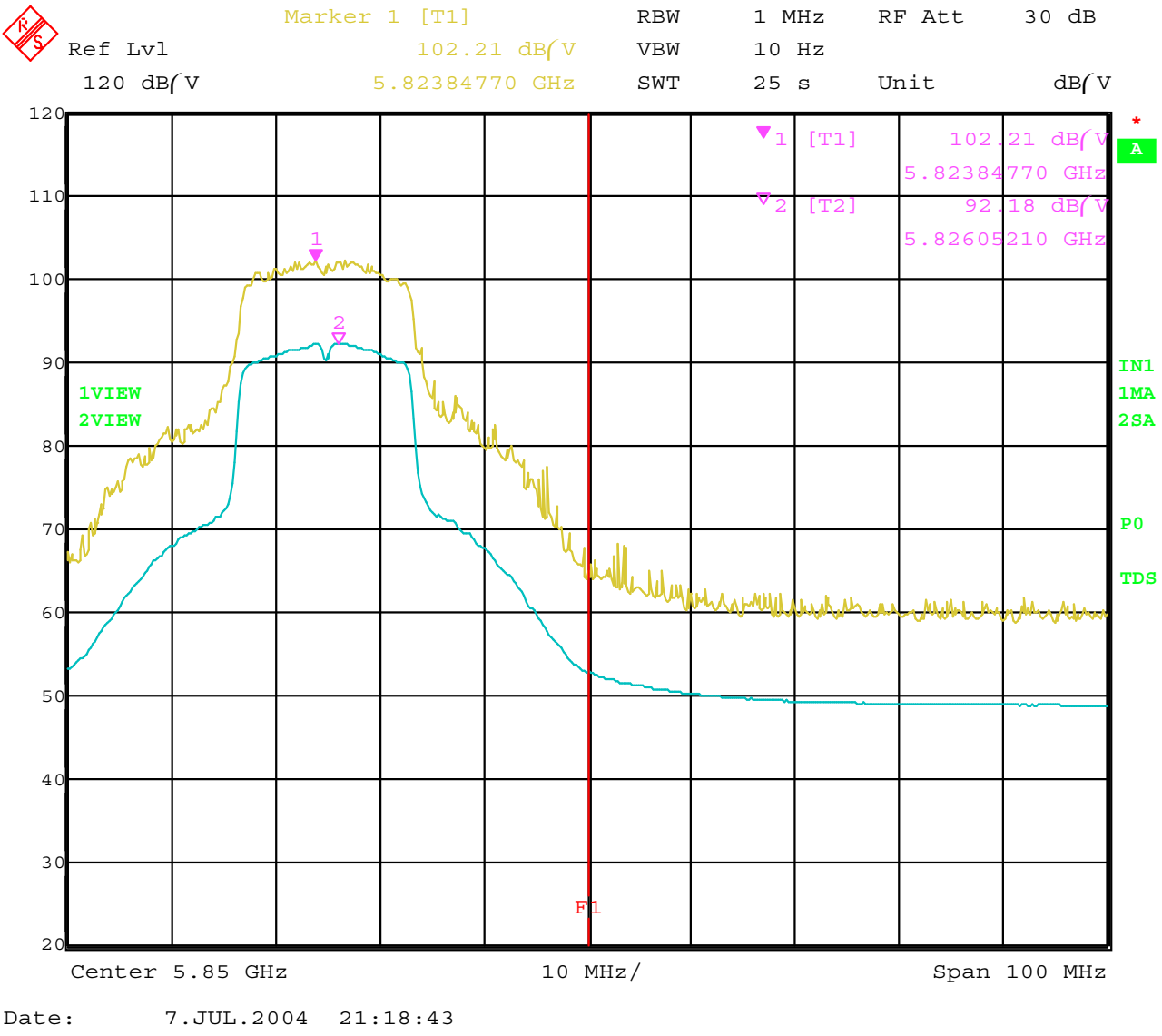
Intel Corporation — Date: 07/07/04
Intel Mini PCI Type 802.11ABG Wireless LAN Adapter — Lab: B
Model: WM3B2195ABG — Tested By: Benigno Chavez
Configuration: Hewlett Packard Series PP3006 Tablet Computer

Channel 149 - 802.11 a Mode **Transmit Mode**
Gain : 18.5 Peak Power: 20.25 dBm Avg. Power: 17.01 dBm
Channel 157 - 802.11 a Mode **Transmit Mode**
Gain : 19.0 Peak Power: 20.37 dBm Avg. Power: 17.28 dBm
Channel 165 - 802.11 a Mode **Transmit Mode**
Gain : 19.0 Peak Power: 20.42 dBm Avg. Power: 17.24 dBm

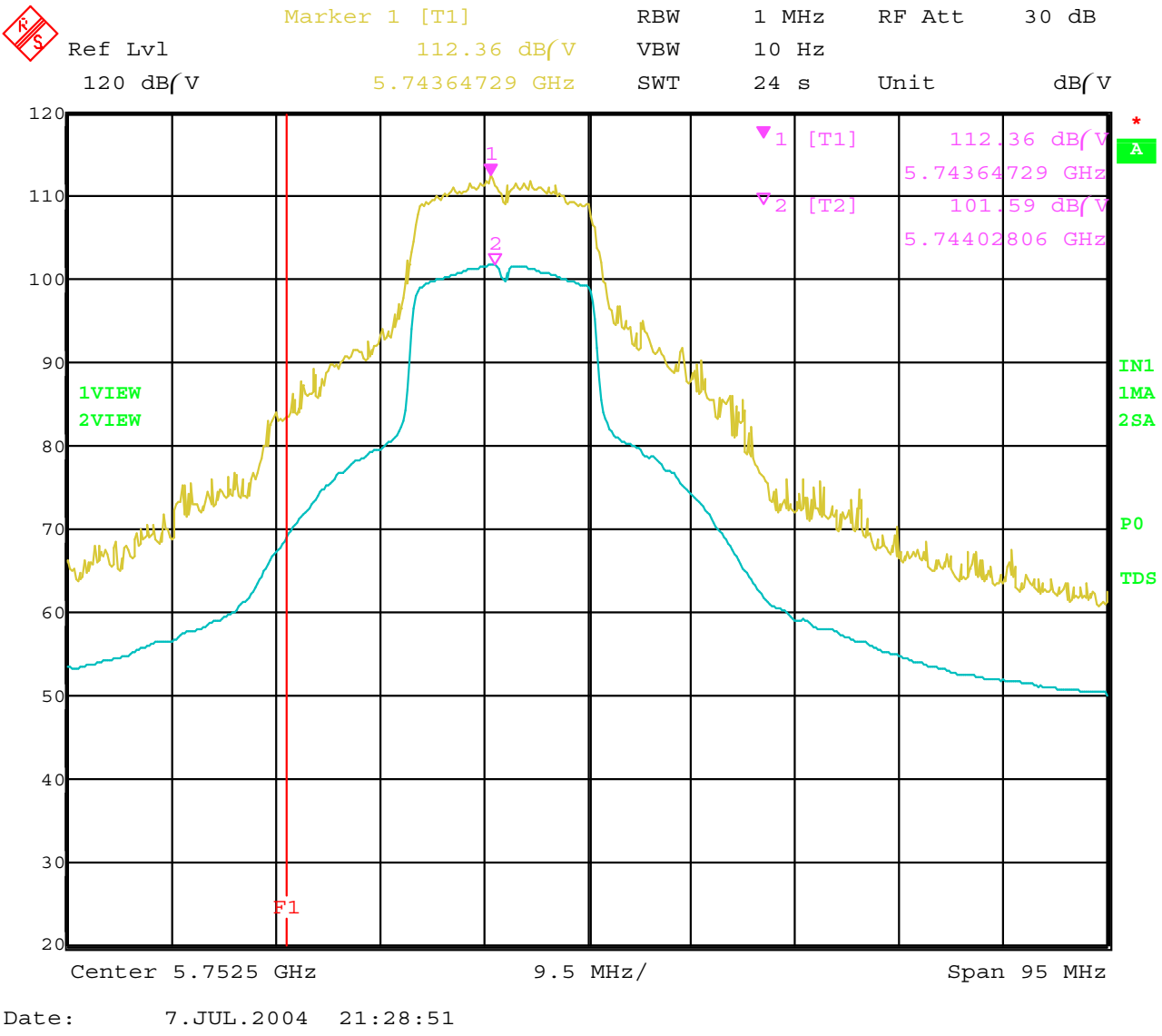
Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
5745	112.36	H	--	--	Peak	2.5	0	Fundamental of Channel 149
5745	101.59	H	--	--	Avg	2.5	0	@ 3 meters
5785	112.59	H	--	--	Peak	2.5	0	Fundamental of Channel 157
5785	102.07	H	--	--	Avg	2.5	0	@ 3 meters
5825	113.72	H	--	--	Peak	2.5	0	Fundamental of Channel 165
5825	103.33	H	--	--	Avg	2.5	0	@ 3 meters



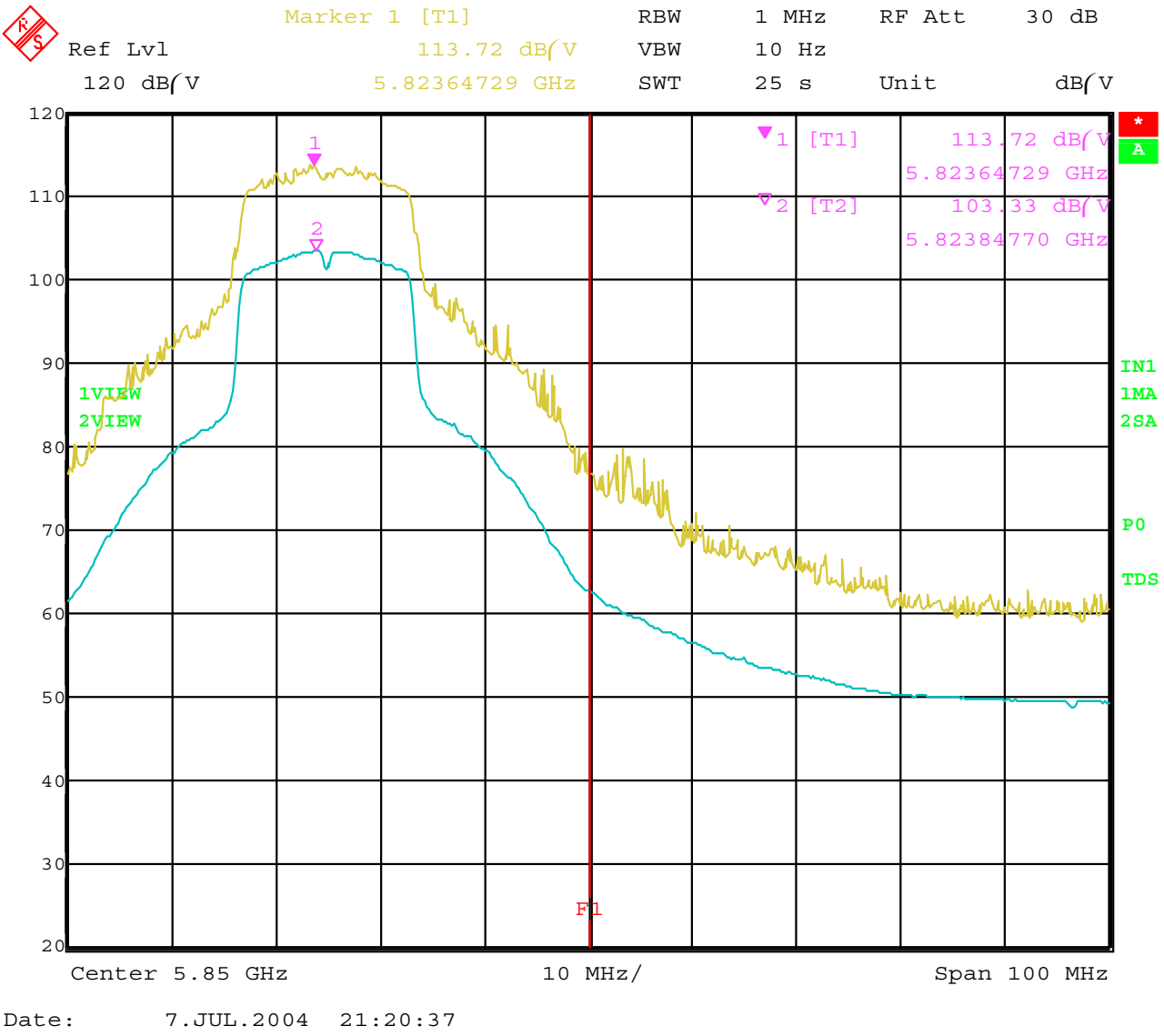
Band Edge – Channel 1 – Vertical Polarization – 802.11 a Mode



Band Edge – Channel 11 – Vertical Polarization – 802.11 a Mode



Band Edge – Channel 1 – Horizontal Polarization – 802.11 a Mode



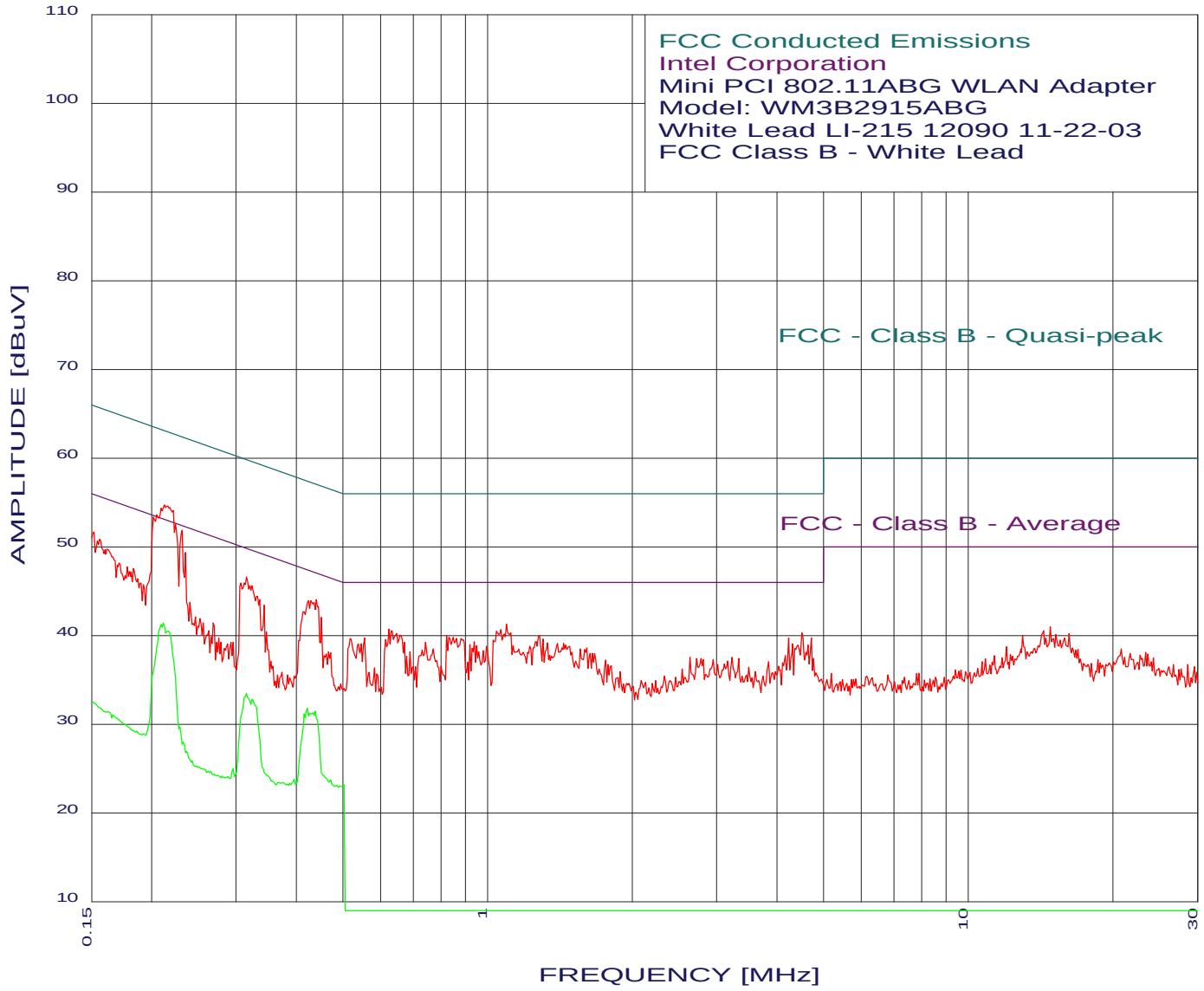
Band Edge – Channel 11 – Horizontal Polarization – 802.11 a Mode

CONDUCTED EMISSIONS

DATA SHEETS

EMISSION LEVEL [dBuV] PEAK
Graph forPeak& Average

7/09/2004 11:59:54



COMPATIBLE ELECTRONICS

7/09/2004 11:59:54

Intel Corporation
Mini PCI 802.11ABG WLAN Adapter
Model: WM3B2915ABG
FCC Class B - White Lead
TEST ENGINEER : Kyle Fujimoto

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44 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 0.10 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.216	54.62	52.96	1.66*
2	0.213	54.72	53.09	1.63*
3	0.222	54.12	52.74	1.38*
4	0.210	54.32	53.23	1.10*
5	0.205	53.62	53.40	0.23*
6	0.224	52.52	52.65	-0.13*
7	0.202	53.33	53.53	-0.21*
8	0.232	51.82	52.39	-0.57*
9	0.235	49.32	52.25	-2.94*
10	0.440	44.03	47.06	-3.03*
11	0.315	46.62	49.84	-3.21*
12	0.428	43.93	47.28	-3.36*
13	0.435	43.73	47.15	-3.42*
14	0.424	43.93	47.37	-3.45*
15	0.324	45.62	49.62	-4.00*
16	0.312	45.92	49.92	-4.00*
17	0.320	45.62	49.71	-4.09*
18	0.307	45.92	50.05	-4.13*
19	0.152	51.65	55.91	-4.26*
20	1.094	41.27	46.00	-4.73
21	0.452	42.03	46.85	-4.82*
22	0.156	50.84	55.69	-4.84*
23	0.415	42.63	47.55	-4.92*
24	0.332	44.42	49.39	-4.97*
25	0.154	50.65	55.78	-5.13*
26	0.624	40.74	46.00	-5.26
27	0.336	44.02	49.31	-5.28*
28	1.066	40.67	46.00	-5.33
29	0.631	40.54	46.00	-5.46
30	1.043	40.47	46.00	-5.53
31	0.162	49.74	55.38	-5.65*
32	4.504	40.30	46.00	-5.70
33	0.343	43.42	49.13	-5.71*
34	1.118	40.27	46.00	-5.73
35	0.648	40.24	46.00	-5.76
36	1.083	40.17	46.00	-5.83
37	0.160	49.64	55.47	-5.83
38	0.658	40.04	46.00	-5.96
39	1.276	39.98	46.00	-6.02
40	0.822	39.95	46.00	-6.05
41	0.849	39.76	46.00	-6.24
42	0.831	39.75	46.00	-6.25
43	0.555	39.74	46.00	-6.26
44	4.227	39.70	46.00	-6.30

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* Please See the Average Readings on the Next Page and on the Plot

COMPATIBLE ELECTRONICS

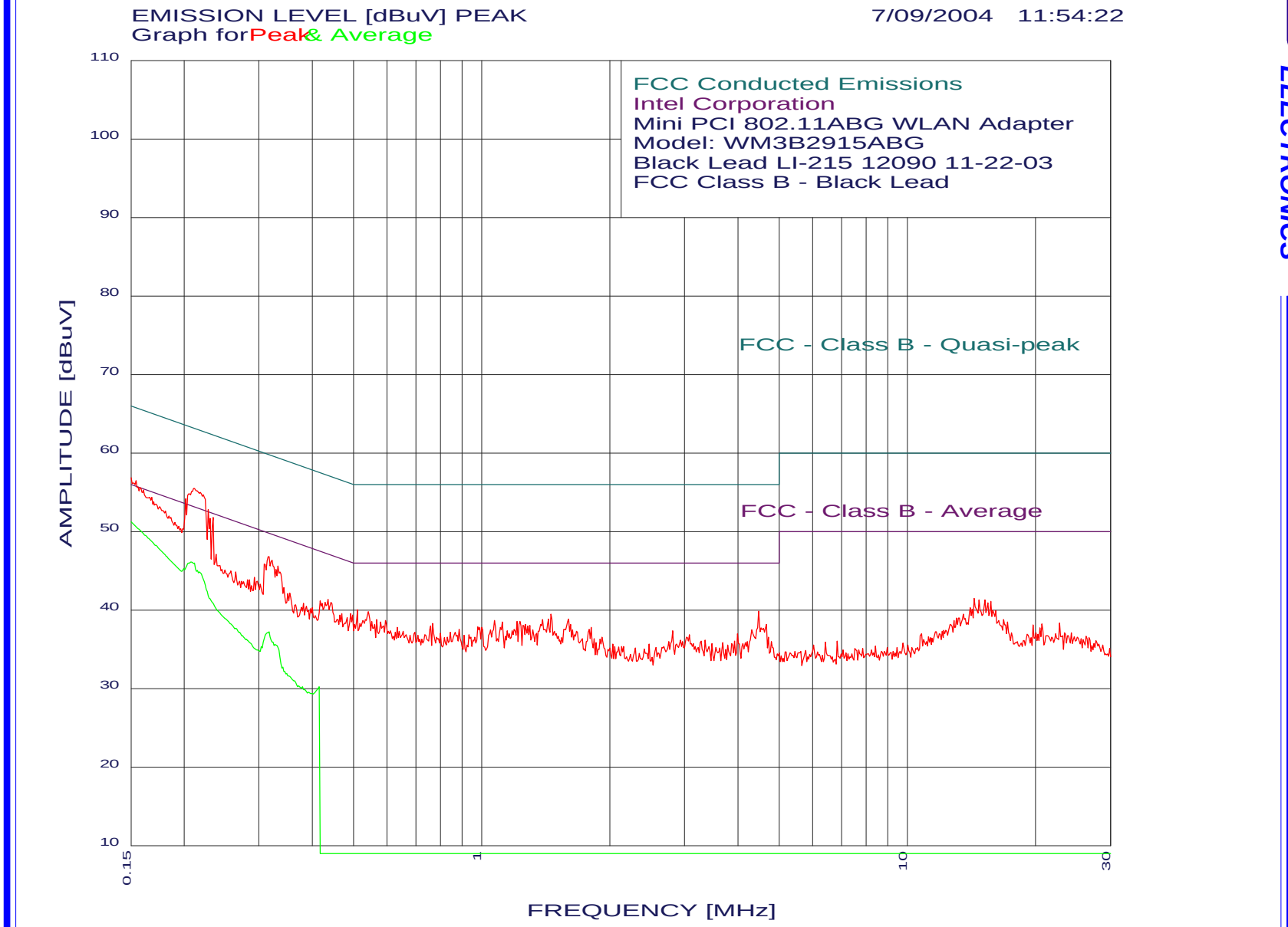
7/09/2004 11:59:54

Intel Corporation
Mini PCI 802.11ABG WLAN Adapter
Model: WM3B2915ABG
FCC Class B - White Lead
TEST ENGINEER : Kyle Fujimoto

---

25 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 0.10 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.212	41.41	53.14	-11.73
2	0.210	41.22	53.23	-12.00
3	0.217	40.46	52.91	-12.45
4	0.438	31.46	47.11	-15.65
5	0.421	31.77	47.42	-15.65
6	0.433	31.31	47.19	-15.89
7	0.315	33.48	49.84	-16.35
8	0.415	31.19	47.55	-16.36
9	0.324	32.78	49.62	-16.84
10	0.471	23.69	46.49	-22.80
11	0.229	29.68	52.48	-22.80
12	0.502	23.17	46.00	-22.83
13	0.486	23.09	46.23	-23.14
14	0.162	31.44	55.34	-23.90
15	0.166	31.01	55.16	-24.15
16	0.396	23.76	47.95	-24.19
17	0.233	28.00	52.34	-24.35
18	0.387	23.32	48.12	-24.80
19	0.375	23.38	48.38	-25.00
20	0.186	29.19	54.19	-25.00
21	0.237	26.88	52.21	-25.33
22	0.296	24.94	50.36	-25.43
23	0.243	25.83	52.00	-26.17
24	0.288	24.09	50.58	-26.49
25	0.280	24.16	50.81	-26.65



COMPATIBLE ELECTRONICS

COMPATIBLE ELECTRONICS

7/09/2004 11:54:22

Intel Corporation
Mini PCI 802.11ABG WLAN Adapter
Model: WM3B2915ABG
FCC Class B - Black Lead
TEST ENGINEER : Kyle Fujimoto

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44 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 1.00 dB, Curve : Peak

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.211	55.47	53.18	2.29*
2	0.202	54.17	53.53	0.64*
3	0.228	52.77	52.52	0.24*
4	0.234	51.77	52.30	-0.53*
5	0.230	51.67	52.43	-0.77*
6	0.315	46.76	49.84	-3.07*
7	0.332	45.56	49.39	-3.83*
8	0.238	47.07	52.17	-5.10*
9	0.435	41.36	47.15	-5.79
10	0.510	40.06	46.00	-5.94
11	4.480	39.84	46.00	-6.16
12	0.541	39.76	46.00	-6.24
13	0.293	44.17	50.45	-6.29*
14	0.417	41.16	47.50	-6.34
15	0.265	44.87	51.29	-6.42*
16	1.456	39.46	46.00	-6.54
17	0.492	39.56	46.14	-6.58
18	0.297	43.67	50.32	-6.66*
19	0.354	42.16	48.87	-6.70*
20	0.285	43.87	50.67	-6.81*
21	0.469	39.56	46.53	-6.97
22	1.434	38.86	46.00	-7.14
23	1.603	38.85	46.00	-7.15
24	0.484	39.06	46.27	-7.21
25	0.567	38.76	46.00	-7.24
26	1.389	38.76	46.00	-7.24
27	0.595	38.66	46.00	-7.34
28	1.072	38.66	46.00	-7.34
29	0.381	40.86	48.25	-7.39*
30	0.552	38.56	46.00	-7.44
31	1.210	38.56	46.00	-7.44
32	1.230	38.56	46.00	-7.44
33	0.580	38.46	46.00	-7.54
34	1.118	38.46	46.00	-7.54
35	0.400	40.26	47.86	-7.59*
36	0.387	40.46	48.12	-7.66*
37	0.767	38.26	46.00	-7.74
38	1.269	38.16	46.00	-7.84
39	0.365	40.66	48.61	-7.94*
40	1.249	38.06	46.00	-7.94
41	1.297	38.06	46.00	-7.94
42	0.759	37.96	46.00	-8.04
43	0.979	37.86	46.00	-8.14
44	0.634	37.76	46.00	-8.24

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* Please See the Average Readings on the Next Page and on the Plot

COMPATIBLE ELECTRONICS

7/09/2004 11:54:22

Intel Corporation
Mini PCI 802.11ABG WLAN Adapter
Model: WM3B2915ABG
FCC Class B - Black Lead
TEST ENGINEER : Kyle Fujimoto

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11 highest peaks above -50.00 dB of FCC - Class B - Average limit line
Peak criteria : 0.10 dB, Curve : Average

Peak#	Freq(MHz)	Amp(dBuV)	Limit(dB)	Delta(dB)
1	0.207	46.12	53.31	-7.19
2	0.215	45.02	53.00	-7.99
3	0.200	45.26	53.62	-8.36
4	0.317	37.19	49.79	-12.60
5	0.327	35.62	49.53	-13.90
6	0.304	35.37	50.14	-14.78
7	0.341	32.69	49.18	-16.48
8	0.415	30.22	47.55	-17.32
9	0.379	30.19	48.29	-18.10
10	0.371	30.36	48.47	-18.11
11	0.391	29.54	48.03	-18.49
