

Table 25: Receiver Radiated Emission Test Data, 4-Port unit Astec PS

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)
39.53	V	190.00	1.00	19.30	15.4	54.2	100.0	-5.3
57.58	V	180.00	1.10	18.40	7.9	20.7	100.0	-13.7
60.00	V	45.00	1.00	12.40	8.0	10.5	100.0	-19.6
62.86	V	60.00	1.10	14.70	8.2	13.9	100.0	-17.1
84.67	V	170.00	1.00	17.50	8.5	20.0	100.0	-14.0
110.82	V	90.00	1.20	10.20	13.5	15.3	150.0	-19.8
114.61	V	90.00	1.17	10.50	14.2	17.2	150.0	-18.8
138.51	V	170.00	1.20	8.00	13.8	12.3	150.0	-21.7
144.41	V	90.00	1.00	14.10	13.1	23.0	150.0	-16.3
215.04	V	270.00	1.10	17.70	11.8	30.0	150.0	-14.0
252.74	V	10.00	1.80	9.30	13.1	13.1	200.0	-23.7
300.33	V	290.00	1.88	6.10	14.9	11.2	200.0	-25.0
499.28	V	190.00	1.56	7.20	20.7	24.8	200.0	-18.1
750.00	V	180.00	1.40	4.30	22.6	22.2	200.0	-19.1
1000.00	V	0.00	0.00	7.40	26.9	51.9	500.0	-19.7
1125.25	V	270.00	2.70	46.50	-10.7	61.9	500.0	-18.1
54.17	H	165.00	3.80	19.70	8.1	24.4	100.0	-12.2
70.16	H	10.00	3.70	12.40	8.3	10.9	100.0	-19.3
83.40	H	190.00	3.73	20.90	8.6	29.9	100.0	-10.5
112.24	H	45.00	3.84	8.90	13.8	13.6	150.0	-20.9
145.50	H	280.00	3.70	5.50	13.0	8.4	150.0	-25.0
207.65	H	180.00	3.60	16.20	11.9	25.4	150.0	-15.4
252.05	H	270.00	3.20	5.70	13.1	8.7	200.0	-27.3
272.01	H	0.00	0.00	0.00	14.4	5.3	200.0	-31.6
497.32	H	90.00	1.94	10.20	20.6	34.8	200.0	-15.2
750.00	H	1.40	290.00	6.10	22.6	27.3	200.0	-17.3
1000.00	H	0.00	0.00	6.80	26.9	48.4	500.0	-20.3
1125.25	H	190.00	2.65	52.90	-10.7	129.3	500.0	-11.7

Table 26: Receiver Radiated Emission Test Data, 4-Port unit POE PS

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)
47.01	V	45.00	1.00	26.40	10.4	69.1	100.0	-3.2
43.73	V	20.00	1.00	19.60	12.3	39.2	100.0	-8.1
55.92	V	190.00	1.20	14.10	7.6	12.1	100.0	-18.3
64.16	V	25.00	1.00	18.60	8.1	21.5	100.0	-13.3
69.06	V	0.00	1.20	16.20	8.6	17.4	100.0	-15.2
77.18	V	10.00	1.00	22.70	9.6	41.4	100.0	-7.7
86.26	V	290.00	1.40	25.30	9.7	56.5	100.0	-5.0
114.18	V	180.00	1.30	15.90	13.1	28.1	150.0	-14.5
143.16	V	180.00	1.21	16.90	14.0	35.1	150.0	-12.6
162.96	V	180.00	1.31	7.70	13.6	11.7	150.0	-22.2
168.80	V	190.00	1.29	10.20	13.4	15.2	150.0	-19.9
180.92	V	45.00	1.47	7.90	12.3	10.3	150.0	-23.3
244.08	V	180.00	1.58	9.80	13.5	14.7	200.0	-22.7
272.05	V	0.00	1.70	7.80	16.6	16.6	200.0	-21.6
300.34	V	270.00	1.70	7.90	16.3	16.2	200.0	-21.8
497.36	V	180.00	1.80	9.90	20.7	33.9	200.0	-15.4
750.00	V	22.00	1.52	5.90	26.0	39.3	200.0	-14.1
1000.00	V	200.00	1.30	8.50	29.9	83.2	500.0	-15.6
1125.25	V	290.00	2.58	46.81	-10.7	64.2	500.0	-17.8
39.49	H	300.00	3.90	9.50	15.1	16.9	100.0	-15.4
47.62	H	0.00	3.90	24.50	10.1	53.6	100.0	-5.4
60.15	H	270.00	3.75	15.90	7.2	14.4	100.0	-16.9
64.12	H	120.00	3.95	21.20	8.1	29.0	100.0	-10.7
71.12	H	90.00	3.89	22.10	8.9	35.4	100.0	-9.0
83.52	H	270.00	3.87	25.70	9.9	60.1	100.0	-4.4
111.62	H	270.00	3.70	13.60	12.8	20.9	150.0	-17.1
143.30	H	90.00	3.40	11.10	14.0	18.0	150.0	-18.4
168.79	H	0.00	3.12	14.90	13.4	26.1	150.0	-15.2
272.01	H	190.00	1.74	8.90	16.6	18.8	200.0	-20.5
497.32	H	270.00	1.44	10.90	20.7	38.0	200.0	-14.4
750.01	H	45.00	1.72	5.90	26.0	39.3	200.0	-14.1
1000.00	H	180.00	1.80	12.90	29.9	138.0	500.0	-11.2
1071.74	H	90.00	2.53	40.13	-10.9	29.0	500.0	-24.7
1125.25	H	270.00	2.90	52.69	-10.7	126.2	500.0	-12.0

Table 27: Receiver Radiated Emission Test Data, 2-Port unit GlobeTek PS

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)
33.58	V	90.00	1.10	10.00	19.9	31.2	100.0	-10.1
42.78	V	90.00	1.00	12.90	12.9	19.6	100.0	-14.2
47.17	V	90.00	1.10	11.90	10.3	12.9	100.0	-17.8
57.83	V	270.00	1.20	16.20	7.3	15.0	100.0	-16.5
81.27	V	180.00	1.20	19.50	9.8	29.3	100.0	-10.7
123.55	V	90.00	1.50	9.70	14.7	16.7	150.0	-19.1
124.99	V	180.00	1.20	14.00	15.0	28.3	150.0	-14.5
143.17	V	0.00	1.30	11.40	14.0	18.6	150.0	-18.1
272.03	V	90.00	2.00	6.40	16.6	14.1	200.0	-23.0
300.63	V	120.00	2.23	8.80	16.3	18.0	200.0	-20.9
497.61	V	90.00	1.46	9.90	20.7	33.9	200.0	-15.4
750.00	V	180.00	2.12	3.80	26.0	30.8	200.0	-16.2
1000.00	V	90.00	2.00	6.70	29.9	67.6	500.0	-17.4
1125.25	V	270.00	2.70	46.50	-10.7	61.9	500.0	-18.1
33.87	H	190.00	3.70	6.70	19.6	20.7	100.0	-13.7
47.64	H	90.00	3.90	10.70	10.1	10.9	100.0	-19.2
58.62	H	270.00	3.80	17.20	7.3	16.7	100.0	-15.5
66.64	H	90.00	3.90	20.50	8.2	27.2	100.0	-11.3
70.77	H	100.00	3.70	20.80	8.8	30.3	100.0	-10.4
81.66	H	90.00	3.80	22.50	9.8	41.4	100.0	-7.7
85.47	H	90.00	3.93	17.90	9.8	24.4	100.0	-12.3
124.99	H	190.00	3.54	11.90	15.0	22.2	150.0	-16.6
146.09	H	90.00	3.80	8.90	13.8	13.6	150.0	-20.9
300.67	H	270.00	3.23	4.60	16.3	11.1	200.0	-25.1
499.25	H	270.00	3.00	6.90	20.7	24.0	200.0	-18.4
750.00	H	100.00	2.42	3.20	26.0	28.8	200.0	-16.8
1000.00	H	180.00	180.00	10.80	29.9	108.4	500.0	-13.3
1071.86	H	90.00	2.61	41.00	-10.9	32.1	500.0	-23.9
1125.25	H	190.00	2.65	52.90	-10.7	129.3	500.0	-11.7

5.8 AC Conducted Emissions (FCC Pt.15.207, RSS-Gen [7.2.2])

5.8.1 Requirements

Test Arrangement: Table Top

Compliance Standard: FCC Class B

FCC Compliance Limits		
Frequency	Quasi-peak	Average
0.15 - 0.5MHz	66 to 56dB μ V	56 to 46dB μ V
0.5 - 5MHz	56dB μ V	46dB μ V
5 - 30MHz	60dB μ V	50dB μ V

5.8.2 Test Procedure

The EUT was placed on an 80 cm high 1 X 1.5 m non-conductive table above a ground plane. Power to the EUT was provided through a Solar Corporation 50 Ω /50 μ H Line Impedance Stabilization Network bonded to a 3 X 2 meter ground plane. The LISN has its AC input supplied from a filtered AC power source. Power was supplied to the peripherals through a second LISN. The peripherals were placed on the table in accordance with ANSI C63.4-2003. Power and data cables were moved about to obtain maximum emissions.

The 50 Ω output of the LISN was connected to the input of the spectrum analyzer and the emissions in the frequency range of 150 kHz to 30 MHz were measured. The detector function was set to quasi-peak, peak, or average as appropriate, and the resolution bandwidth during testing was at least 9 kHz, with all post-detector filtering no less than 10 times the resolution bandwidth. For average measurements the post-detector filter was set to 10 Hz.

At frequencies where quasi-peak or peak measurements comply with the average limit, no average measurements need be performed.

At frequencies where quasi-peak or peak measurements comply with the average limit, no average measurements need be performed. The Conducted emissions level to be compared to the FCC limit is calculated as shown in the following example.

Example:

Spectrum Analyzer Voltage: VdB μ V

LISN Correction Factor: LISN dB

Cable Correction Factor: CF dB

Electric Field: EdB μ V = V dB μ V + LISN dB + CF dB

5.8.3 Test Data

The EUT complied with the Class B Conducted Emissions requirements. This system runs off of 120VAC. The below table provides the test results for phase and neutral line power line conducted emissions.

Table 28: Conducted Emission Test Data, 4-Port unit GlobeTek PS

NEUTRAL

Frequency (MHz)	Level QP (dBµV)	Level AVG (dBµV)	Cable Loss (dB)	LISN Corr (dB)	Level QP Corr (dBµV)	Level Corr Avg (dBµV)	Limit QP (dBµV)	Limit AVG (dBµV)	Margin QP (dB)	Margin AVG (dB)
17.889	36.5	34.5	11.9	0.8	49.2	47.2	60.0	50.0	-10.8	-2.8
0.159	39.1	28.1	10.1	0.7	49.9	38.9	65.5	55.5	-15.6	-16.6
3.657	34.7	26.4	10.8	0.7	46.2	37.9	56.0	46.0	-9.8	-8.1
4.355	33.5	23.1	10.9	0.7	45.1	34.7	56.0	46.0	-10.9	-11.3
19.005	37.5	34.5	12.0	0.8	50.3	47.3	60.0	50.0	-9.7	-2.7
21.238	35.4	21.2	12.1	0.8	48.3	34.1	60.0	50.0	-11.7	-15.9
22.354	34.8	32.1	12.2	0.7	47.7	45.0	60.0	50.0	-12.3	-5.0
29.618	26.9	25.0	12.7	0.4	40.0	38.1	60.0	50.0	-20.0	-11.9

PHASE

Frequency (MHz)	Level QP (dBµV)	Level AVG (dBµV)	Cable Loss (dB)	LISN Corr (dB)	Level QP Corr (dBµV)	Level Corr Avg (dBµV)	Limit QP (dBµV)	Limit AVG (dBµV)	Margin QP (dB)	Margin AVG (dB)
0.158	37.6	28.7	10.1	0.3	48.0	39.1	65.6	55.6	-17.5	-16.4
0.424	34.5	32.6	10.3	0.7	45.5	43.6	57.4	47.4	-11.8	-3.7
3.348	33.1	24.8	10.8	0.7	44.6	36.3	56.0	46.0	-11.4	-9.7
6.004	29.2	17.9	11.1	0.5	40.8	29.5	60.0	50.0	-19.2	-20.5
19.034	37.3	34.4	12.0	0.9	50.1	47.2	60.0	50.0	-9.9	-2.8
20.137	36.9	34.3	12.0	0.9	49.8	47.2	60.0	50.0	-10.2	-2.8
22.361	34.9	32.8	12.2	0.8	47.9	45.8	60.0	50.0	-12.1	-4.2
29.629	28.3	26.2	12.7	0.5	41.5	39.4	60.0	50.0	-18.5	-10.6

Table 29: Conducted Emission Test Data, 4-Port unit Astec PS

NEUTRAL

Frequency (MHz)	Level QP (dBµV)	Level AVG (dBµV)	Cable Loss (dB)	LISN Corr (dB)	Level QP Corr (dBµV)	Level Corr Avg (dBµV)	Limit QP (dBµV)	Limit AVG (dBµV)	Margin QP (dB)	Margin AVG (dB)
0.175	37.6	20.9	10.1	0.1	47.8	31.1	64.7	54.7	-16.9	-23.6
0.301	35.9	18.0	10.2	0.4	46.5	28.6	60.2	50.2	-13.7	-21.6
0.545	33.9	11.6	10.2	0.1	44.3	22.0	56.0	46.0	-11.7	-24.0
5.028	29.8	24.1	10.8	0.5	41.1	35.4	60.0	50.0	-18.9	-14.6
11.173	33.2	31.9	11.2	1.1	45.4	44.1	60.0	50.0	-14.6	-5.9
13.408	27.6	24.7	11.3	1.2	40.1	37.2	60.0	50.0	-19.9	-12.8

PHASE

Frequency (MHz)	Level QP (dBµV)	Level AVG (dBµV)	Cable Loss (dB)	LISN Corr (dB)	Level QP Corr (dBµV)	Level Corr Avg (dBµV)	Limit QP (dBµV)	Limit AVG (dBµV)	Margin QP (dB)	Margin AVG (dB)
0.186	39.8	22.2	10.1	0.3	50.2	32.6	64.2	54.2	-14.0	-21.6
0.301	38.7	18.8	10.2	0.4	49.3	29.4	60.2	50.2	-10.9	-20.8
0.545	34.2	13.6	10.2	0.1	44.6	24.0	56.0	46.0	-11.4	-22.0
5.028	28.7	23.4	10.8	0.5	40.0	34.7	60.0	50.0	-20.0	-15.3
11.173	29.7	27.4	11.2	1.1	41.9	39.6	60.0	50.0	-18.1	-10.4
13.408	26.8	24.2	11.3	1.2	39.3	36.7	60.0	50.0	-20.7	-13.3

Table 30: Conducted Emission Test Data, 4-Port unit POE PS

Frequency (MHz)	Level QP (dBµV)	Level AVG (dBµV)	Cable Loss (dB)	LISN Corr (dB)	Level QP Corr (dBµV)	Level Corr Avg (dBµV)	Limit QP (dBµV)	Limit AVG (dBµV)	Margin QP (dB)	Margin AVG (dB)
16.783	39.0	33.1	11.9	0.7	51.6	45.7	60.0	50.0	-8.4	-4.3
0.189	38.8	24.5	10.1	0.6	49.5	35.2	64.1	54.1	-14.5	-18.8
3.920	29.7	26.5	10.9	0.7	41.3	38.1	56.0	46.0	-14.7	-7.9
3.920	29.7	26.5	10.9	0.7	41.3	38.1	56.0	46.0	-14.7	-7.9
9.522	36.3	33.1	11.5	0.3	48.1	44.9	60.0	50.0	-11.9	-5.1
22.000	34.0	21.2	12.2	0.7	46.9	34.1	60.0	50.0	-13.1	-15.9
27.343	31.3	23.9	12.5	0.5	44.4	37.0	60.0	50.0	-15.6	-13.0

PHASE

Frequency (MHz)	Level QP (dBµV)	Level AVG (dBµV)	Cable Loss (dB)	LISN Corr (dB)	Level QP Corr (dBµV)	Level Corr Avg (dBµV)	Limit QP (dBµV)	Limit AVG (dBµV)	Margin QP (dB)	Margin AVG (dB)
0.189	42.1	25.9	10.1	0.3	52.6	36.4	64.1	54.1	-11.5	-17.7
9.455	35.2	31.5	11.5	0.4	47.0	43.3	60.0	50.0	-13.0	-6.7
11.752	37.0	29.9	11.6	0.5	49.1	42.0	60.0	50.0	-10.9	-8.0
15.107	36.0	34.7	11.8	0.7	48.5	47.2	60.0	50.0	-11.5	-2.8
16.780	35.7	33.2	11.9	0.8	48.3	45.8	60.0	50.0	-11.7	-4.2
21.693	33.1	26.4	12.1	0.8	46.1	39.4	60.0	50.0	-13.9	-10.6
26.609	29.2	23.7	12.5	0.6	42.3	36.8	60.0	50.0	-17.7	-13.2

Table 31 Conducted Emission Test Data, 2-Port unit GlobeTek PS

NEUTRAL

Frequency (MHz)	Level QP (dBµV)	Level AVG (dBµV)	Cable Loss (dB)	LISN Corr (dB)	Level QP Corr (dBµV)	Level Corr Avg (dBµV)	Limit QP (dBµV)	Limit AVG (dBµV)	Margin QP (dB)	Margin AVG (dB)
3.451	33.9	24.9	10.8	0.6	45.3	36.3	56.0	46.0	-10.7	-9.7
0.159	37.8	28.2	10.1	0.7	48.6	39.0	65.5	55.5	-16.9	-16.5
5.408	29.2	14.2	11.1	0.5	40.8	25.8	60.0	50.0	-19.2	-24.2
15.697	30.2	27.2	11.8	0.7	42.7	39.7	60.0	50.0	-17.3	-10.3
17.935	32.7	29.9	11.9	0.8	45.4	42.6	60.0	50.0	-14.6	-7.4
22.424	31.3	27.7	12.2	0.7	44.2	40.6	60.0	50.0	-15.8	-9.4
28.034	22.8	19.5	12.6	0.5	35.9	32.6	60.0	50.0	-24.1	-17.4

PHASE

Frequency (MHz)	Level QP (dBµV)	Level AVG (dBµV)	Cable Loss (dB)	LISN Corr (dB)	Level QP Corr (dBµV)	Level Corr Avg (dBµV)	Limit QP (dBµV)	Limit AVG (dBµV)	Margin QP (dB)	Margin AVG (dB)
3.506	34.5	24.5	10.8	0.7	46.0	36.0	56.0	46.0	-10.0	-10.0
17.937	33.0	30.2	11.9	0.8	45.7	42.9	60.0	50.0	-14.3	-7.1
0.157	38.7	27.1	10.1	0.3	49.1	37.5	65.6	55.6	-16.5	-18.1
21.303	32.6	28.0	12.1	0.8	45.5	40.9	60.0	50.0	-14.5	-9.1
5.354	30.3	17.0	11.0	0.6	41.9	28.6	60.0	50.0	-18.1	-21.4
27.470	23.6	18.1	12.5	0.6	36.7	31.2	60.0	50.0	-23.3	-18.8
22.425	31.6	27.2	12.2	0.8	44.6	40.2	60.0	50.0	-15.4	-9.8

Appendix A1 RF Peak Power Plots

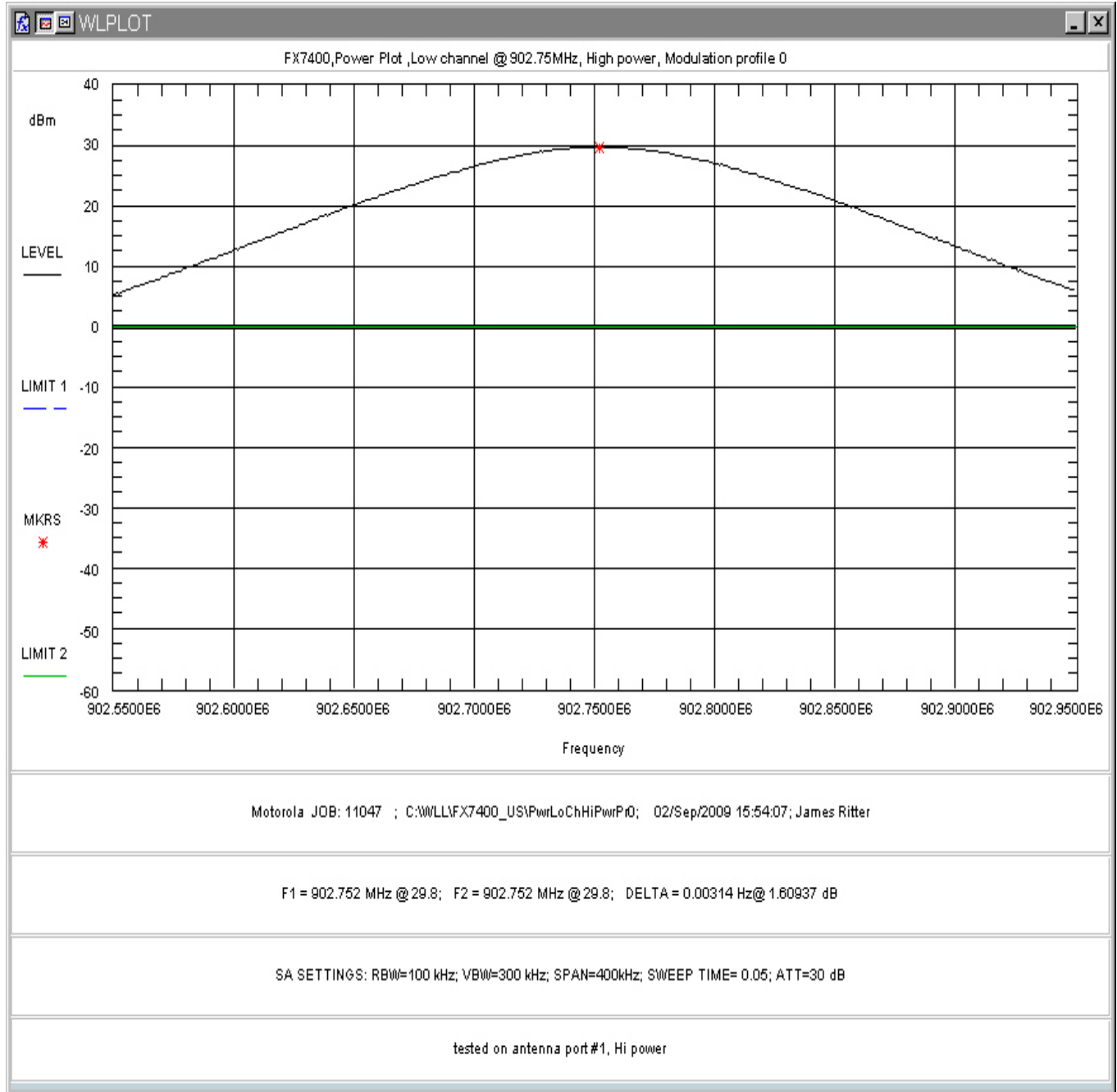


Figure 26: RF Peak Power, Low Channel, High Power, Modulation Profile 0

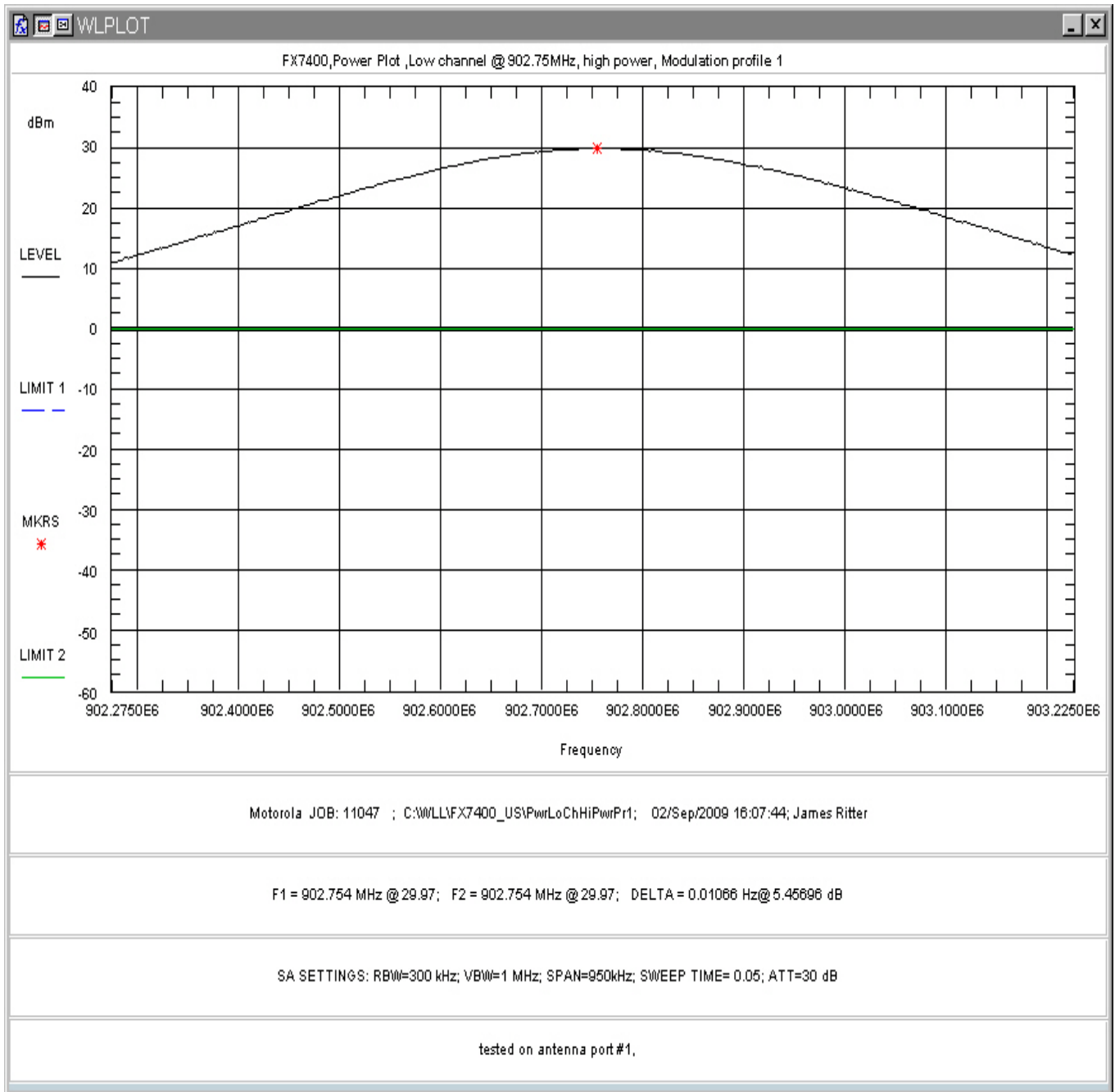


Figure 27: RF Peak Power, Low Channel, High Power, Modulation Profile 1

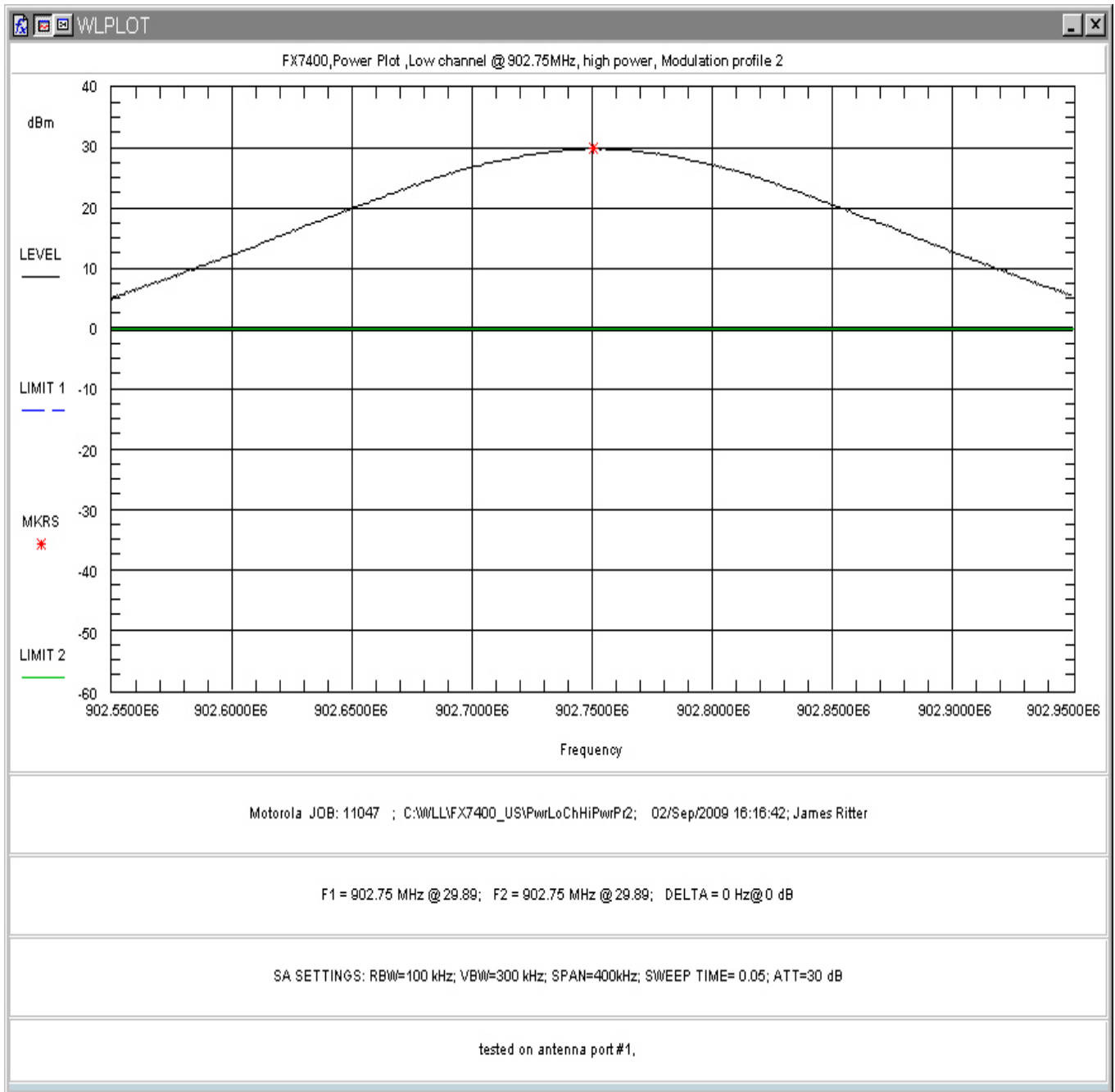


Figure 28: RF Peak Power, Low Channel, High Power, Modulation Profile 2

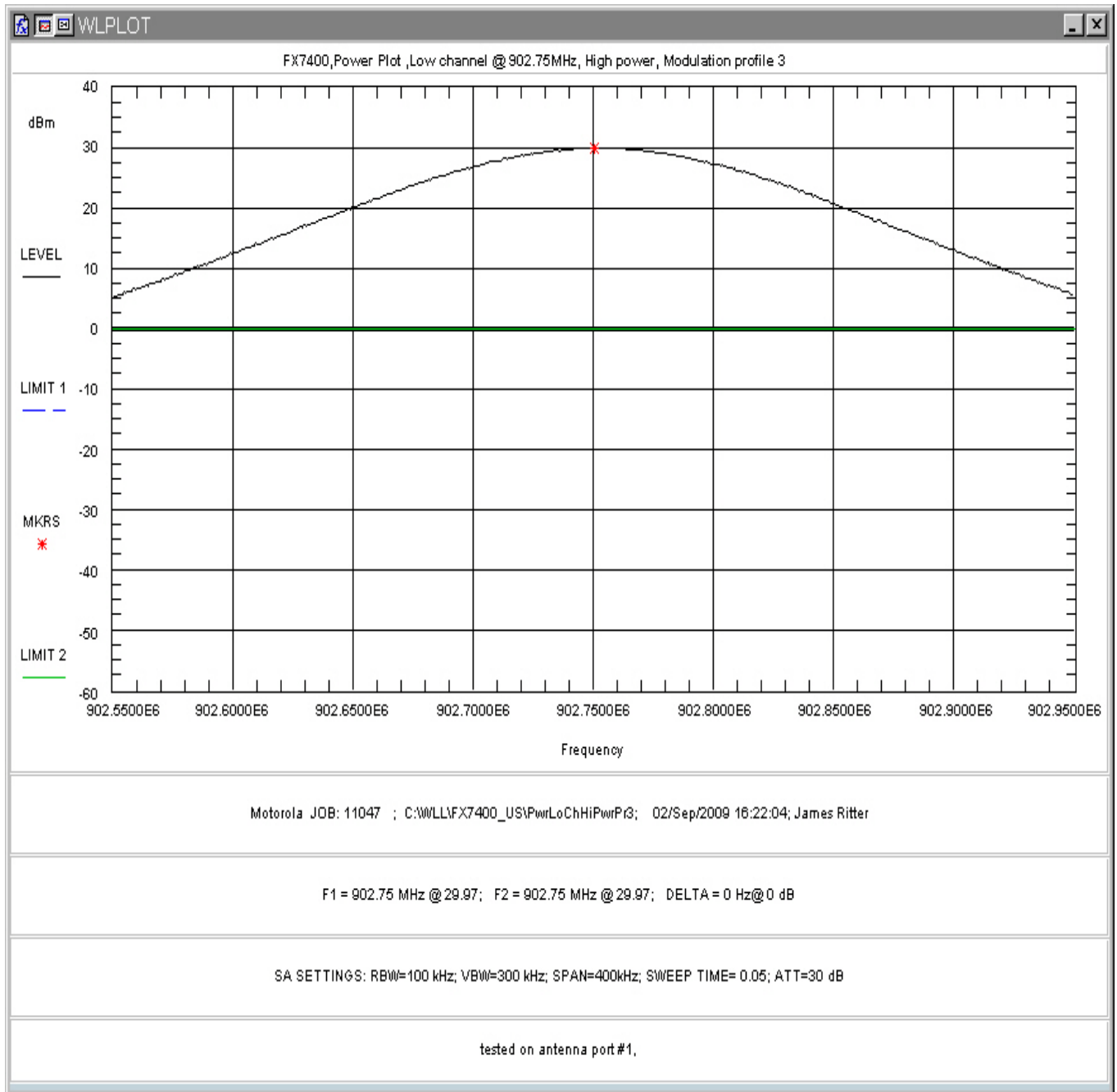


Figure 29: RF Peak Power, Low Channel, High Power, Modulation Profile 3

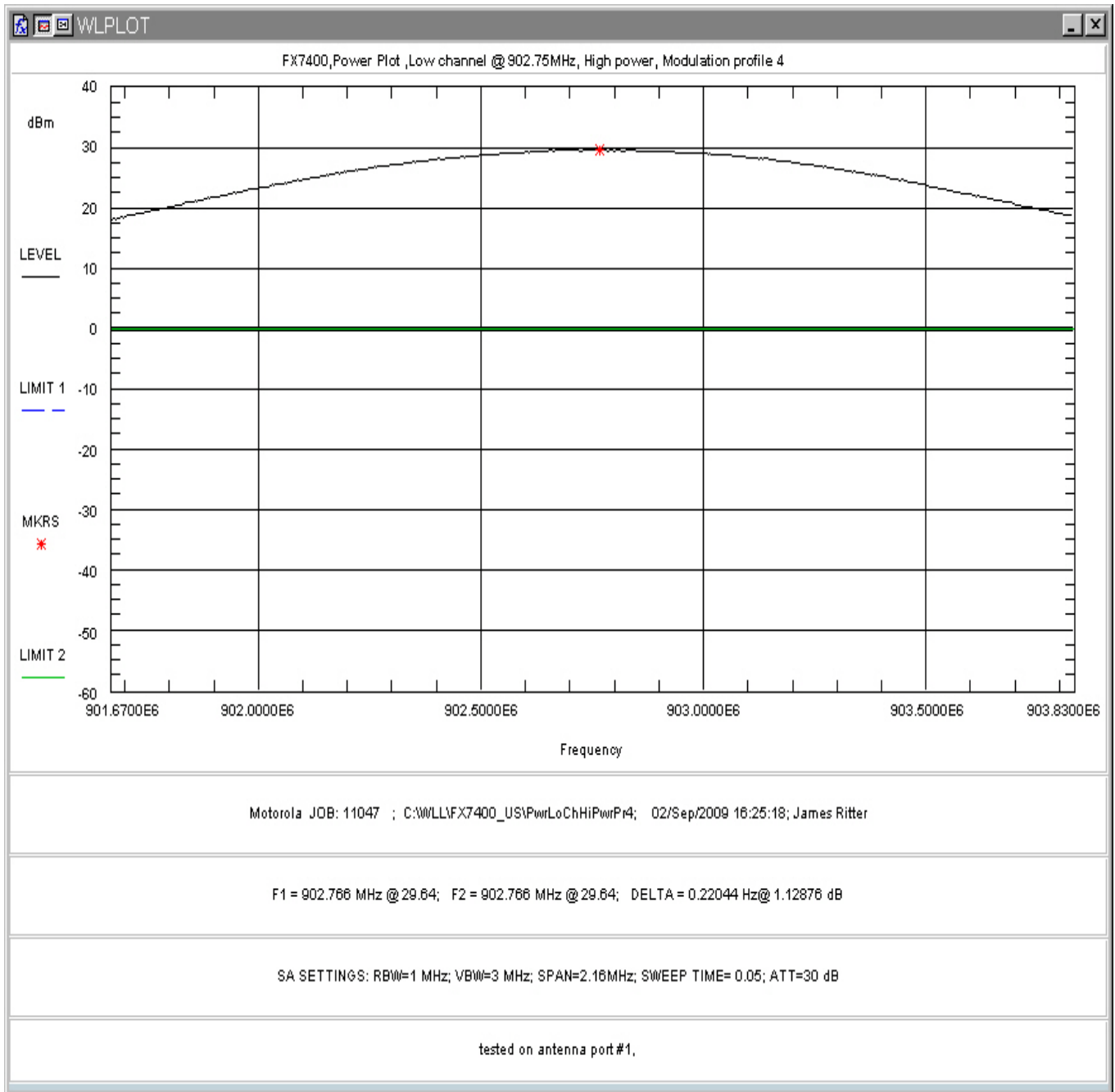


Figure 30: RF Peak Power, Low Channel, High Power, Modulation Profile 4

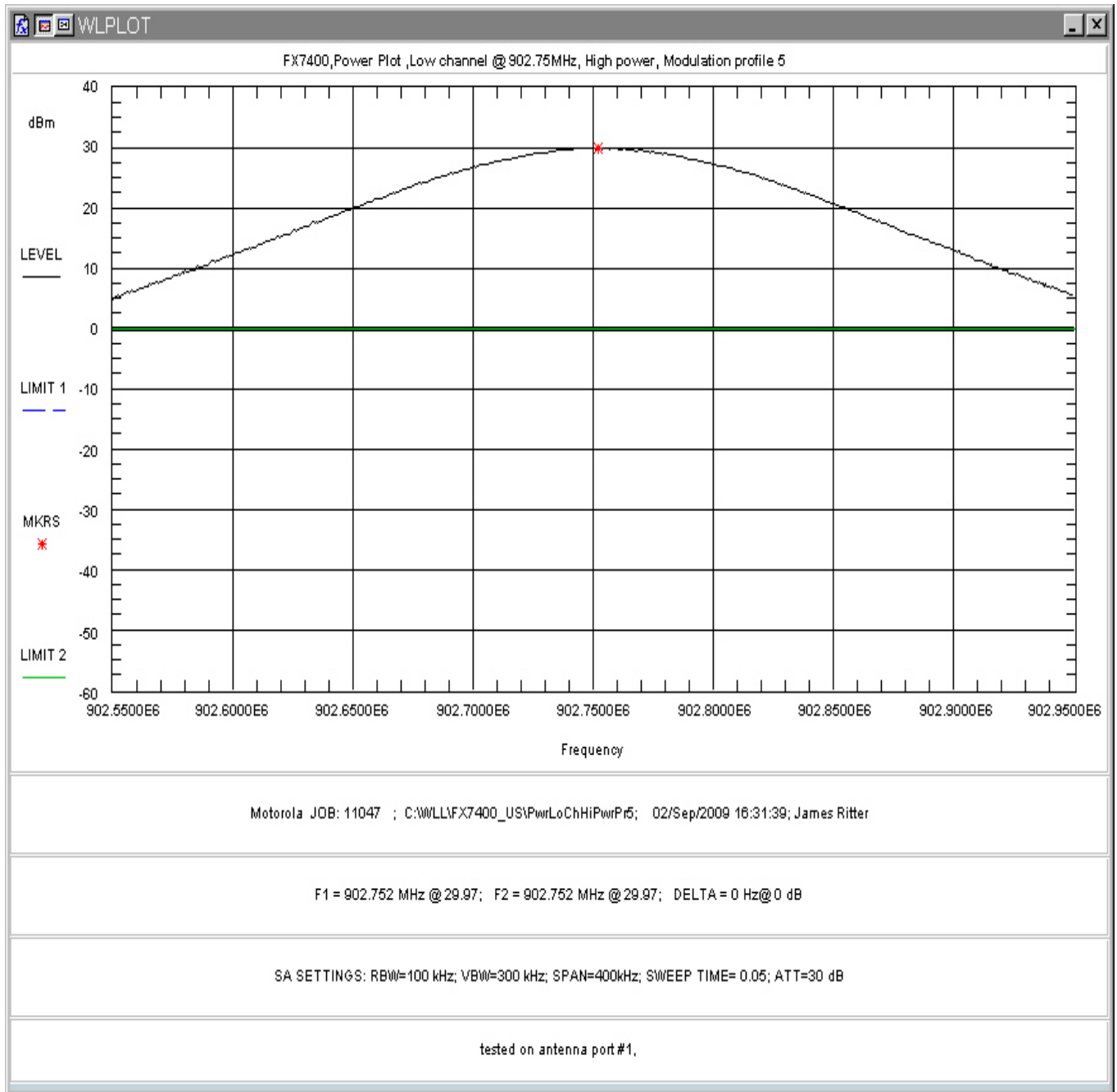


Figure 31: RF Peak Power, Low Channel, High Power, Modulation Profile 5

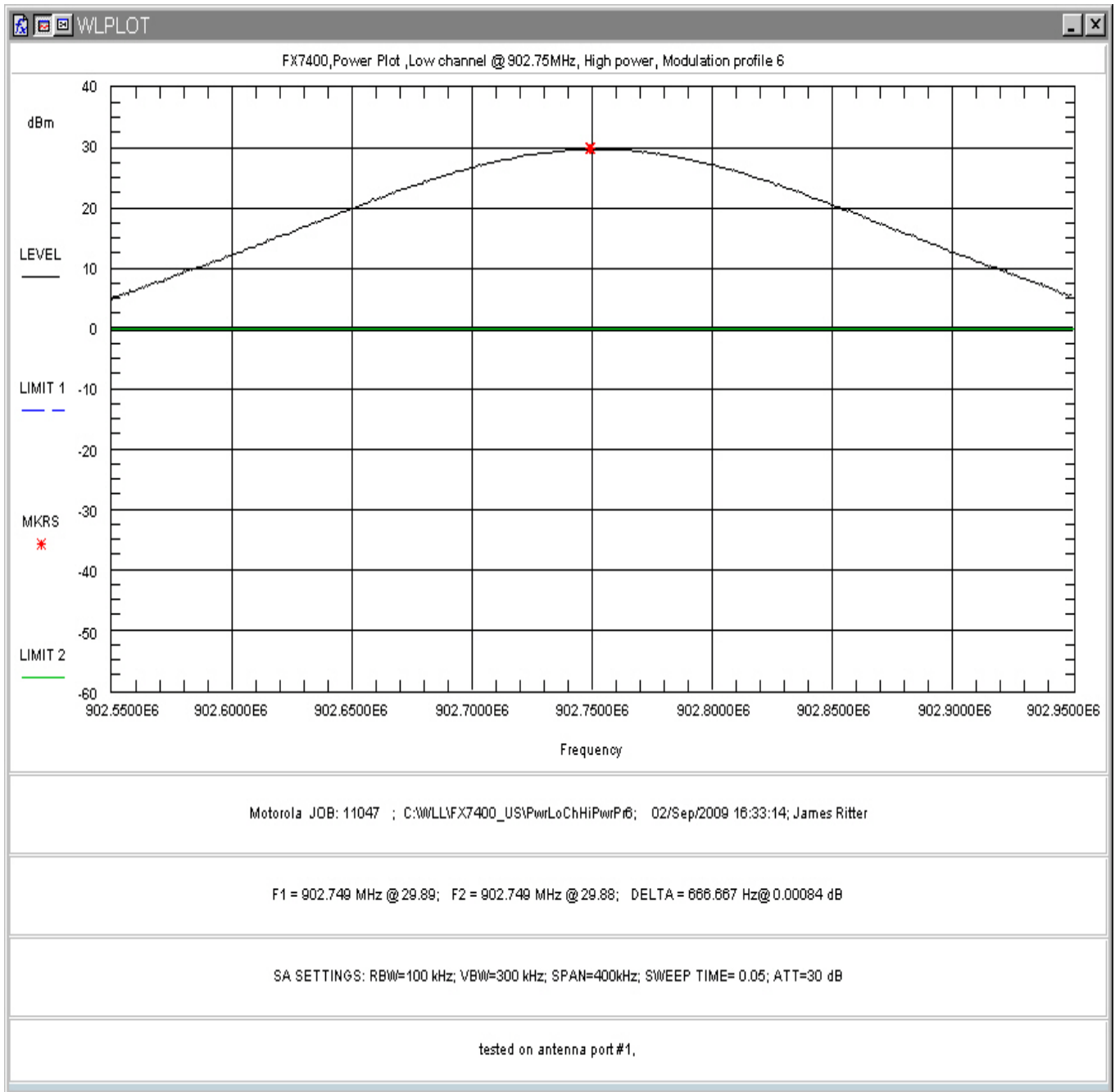


Figure 32: RF Peak Power, Low Channel, High Power, Modulation Profile 6

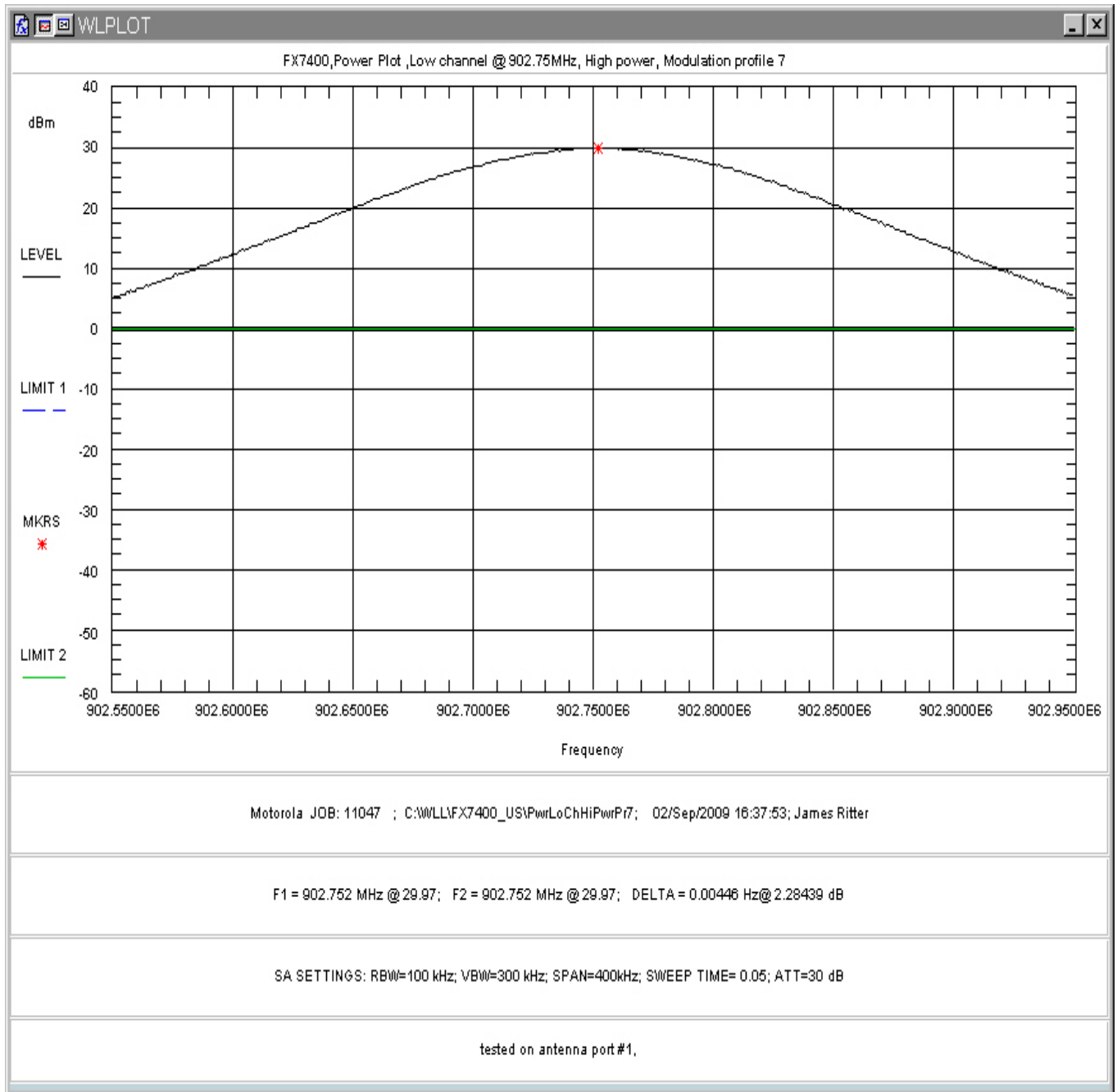


Figure 33: RF Peak Power, Low Channel, High Power, Modulation Profile 7

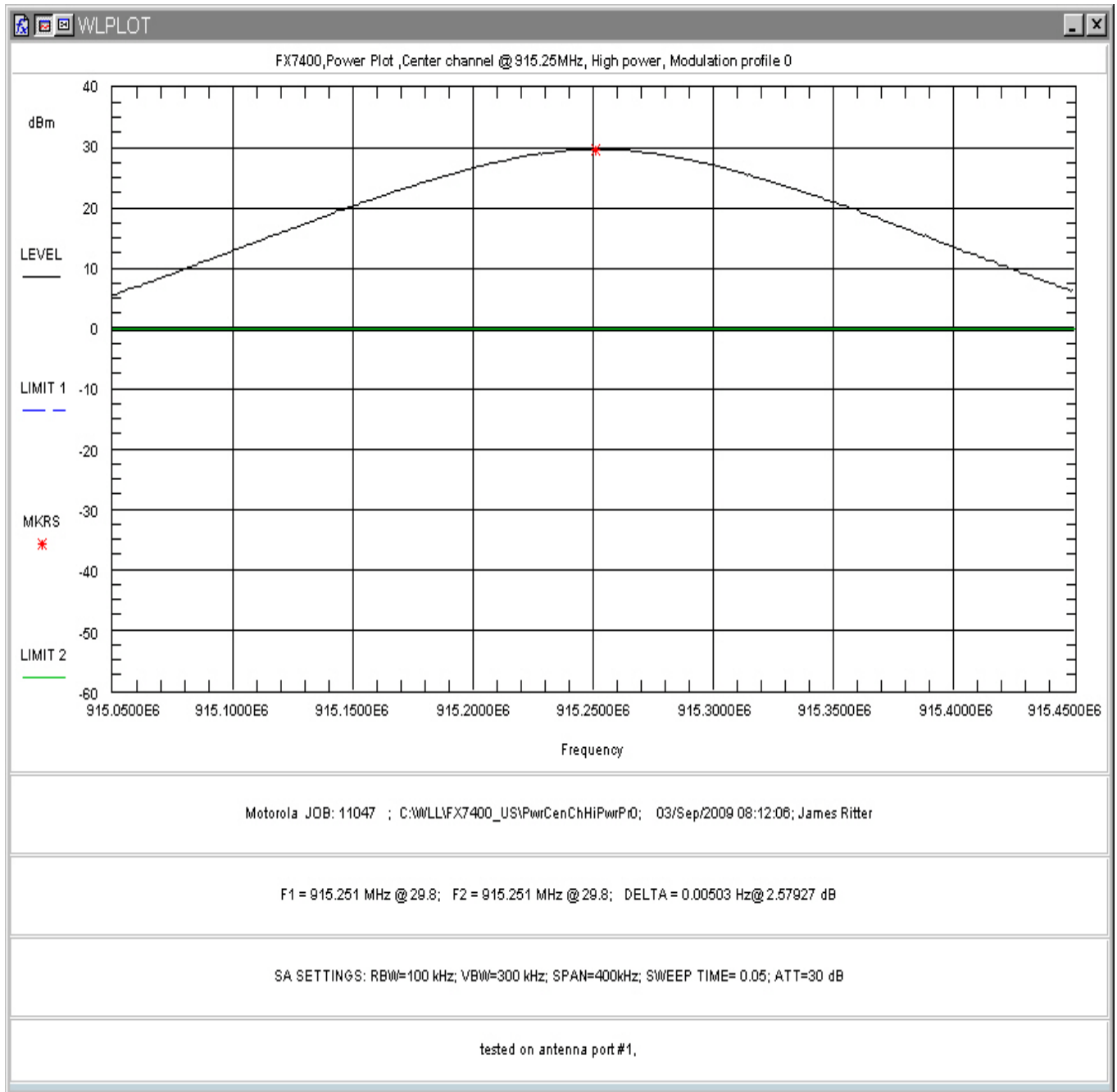


Figure 34: RF Peak Power, Center Channel, High Power, Modulation Profile 0

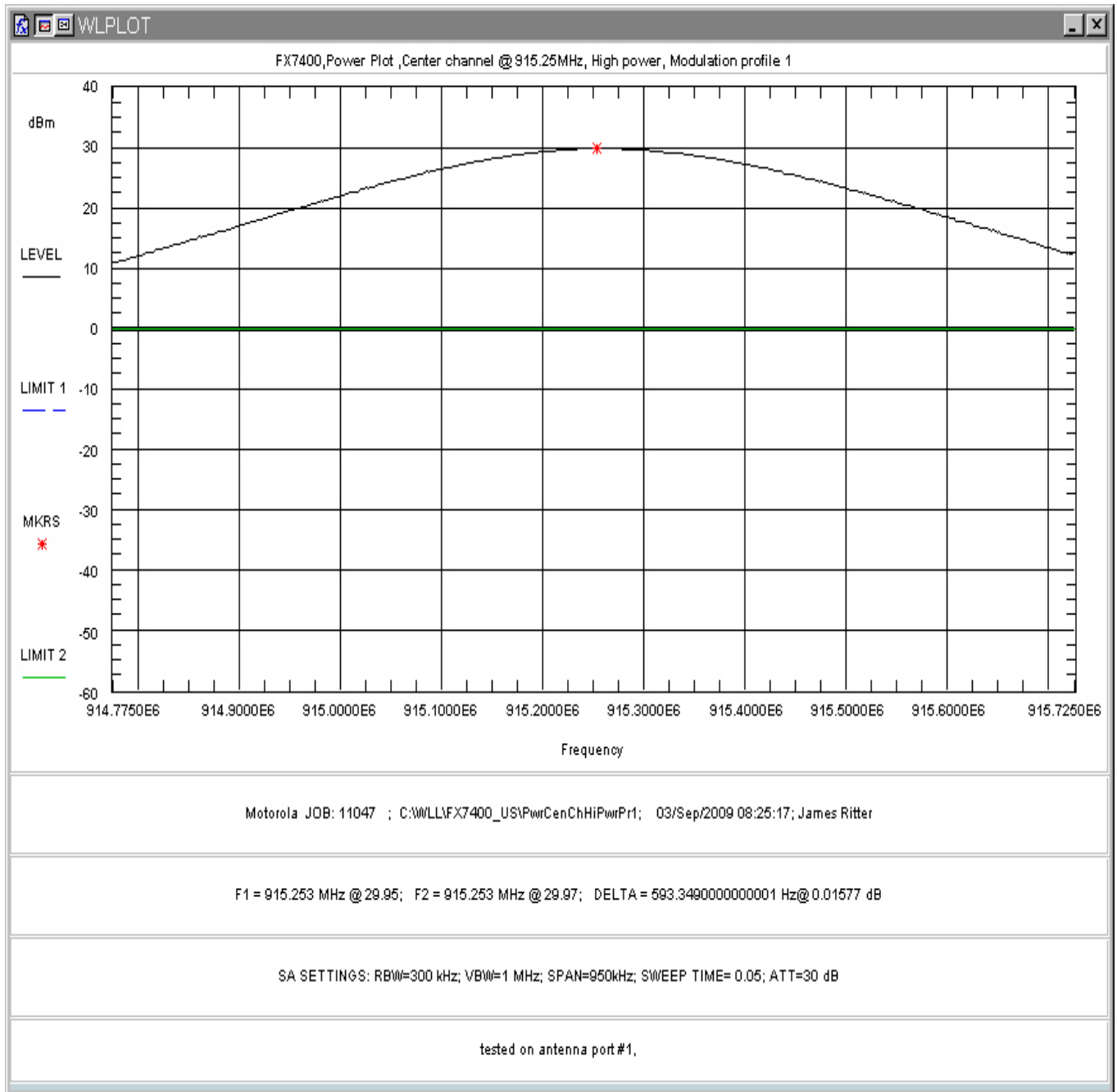


Figure 35: RF Peak Power, Center Channel, High Power, Modulation Profile 1

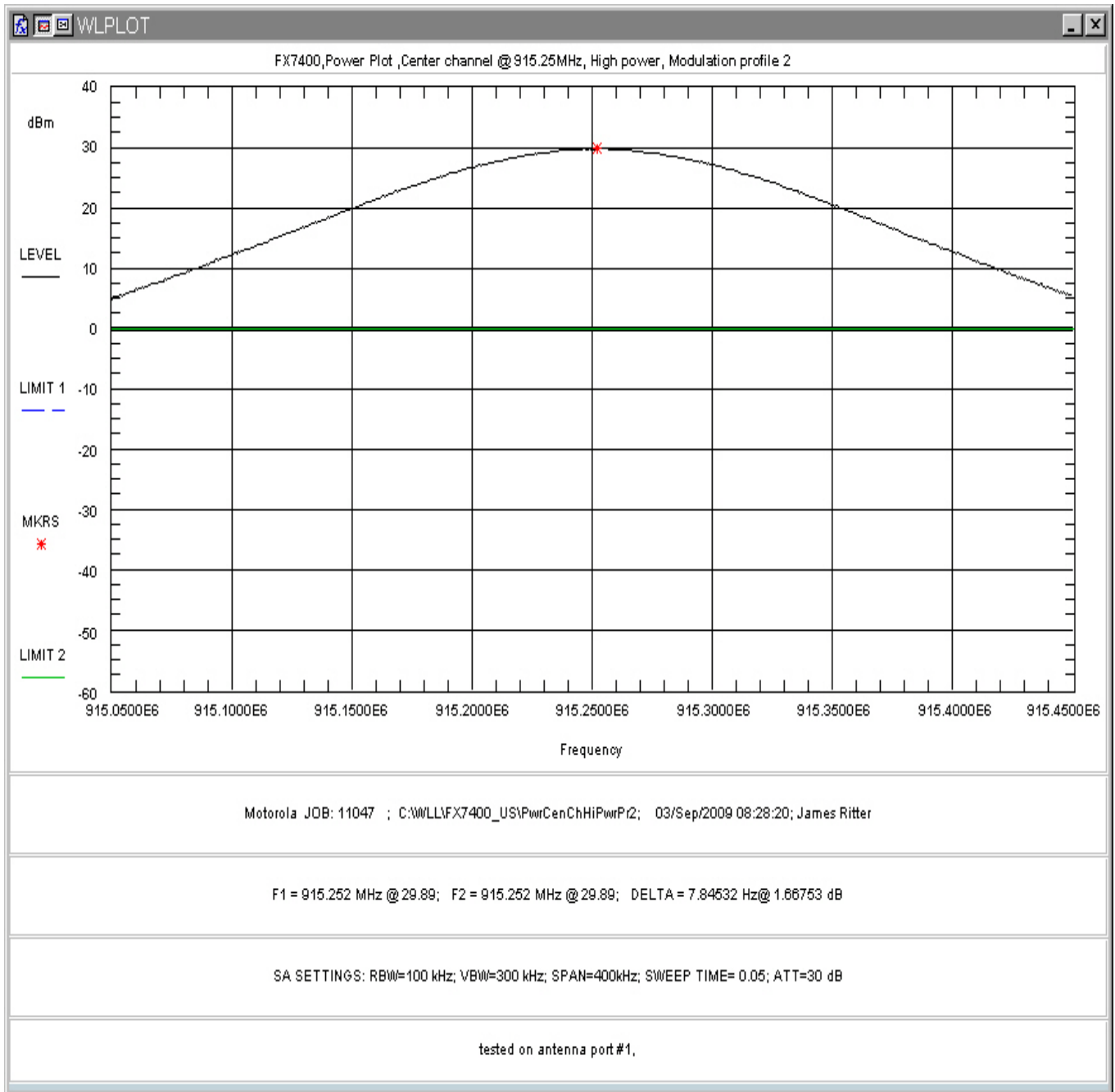


Figure 36: RF Peak Power, Center Channel, High Power, Modulation Profile 2

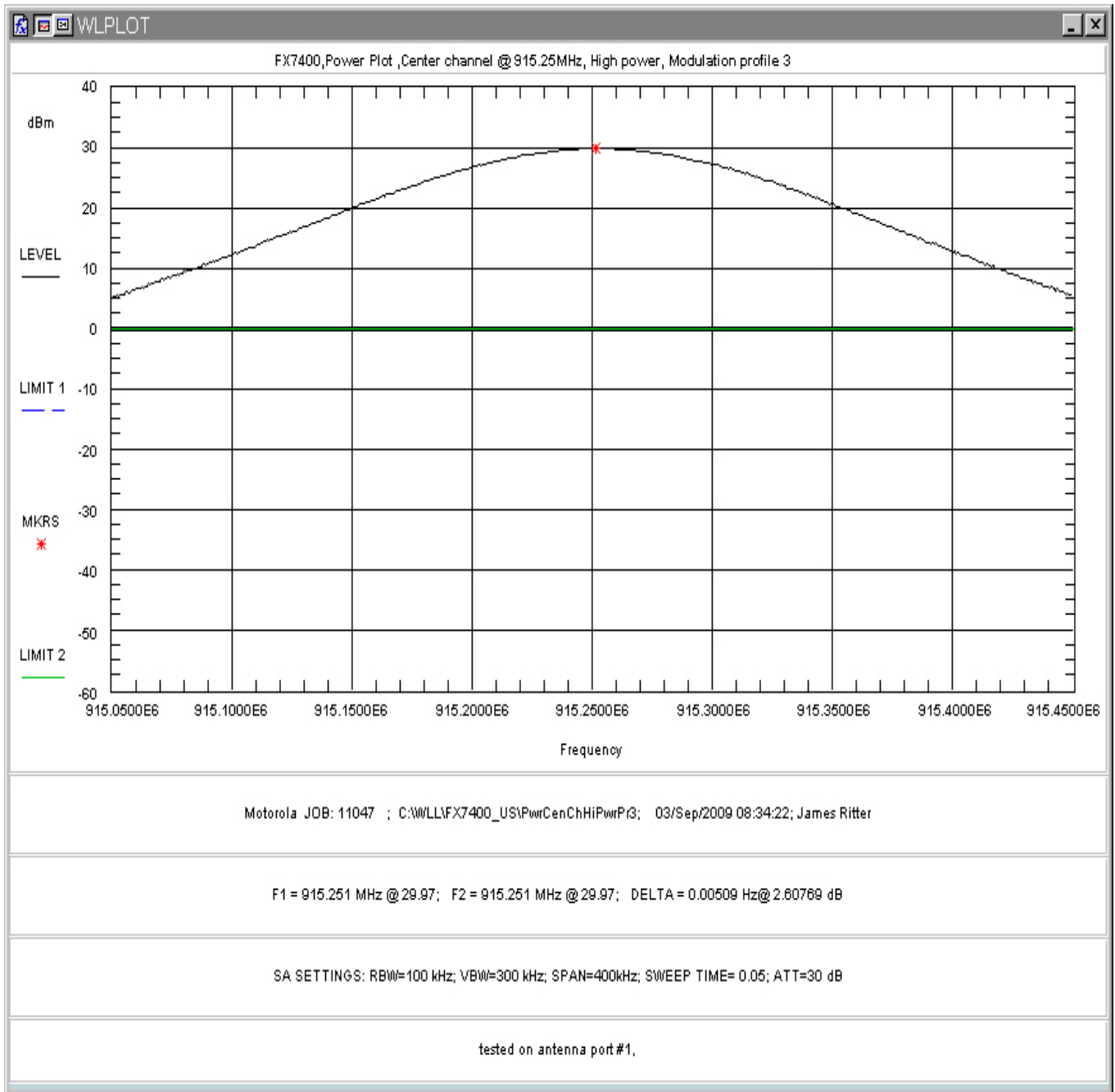


Figure 37: RF Peak Power, Center Channel, High Power, Modulation Profile 3

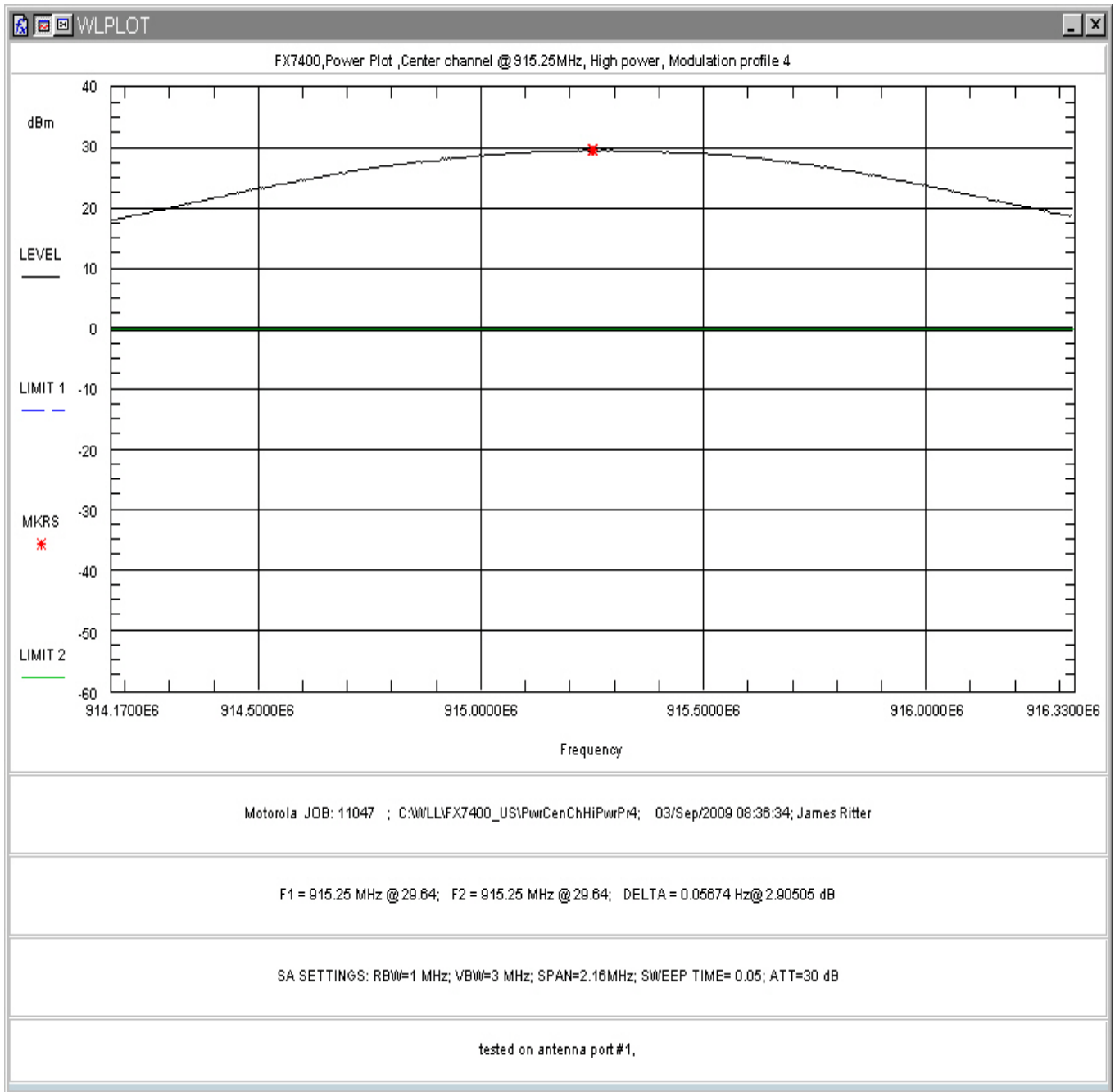


Figure 38: RF Peak Power, Center Channel, High Power, Modulation Profile 4

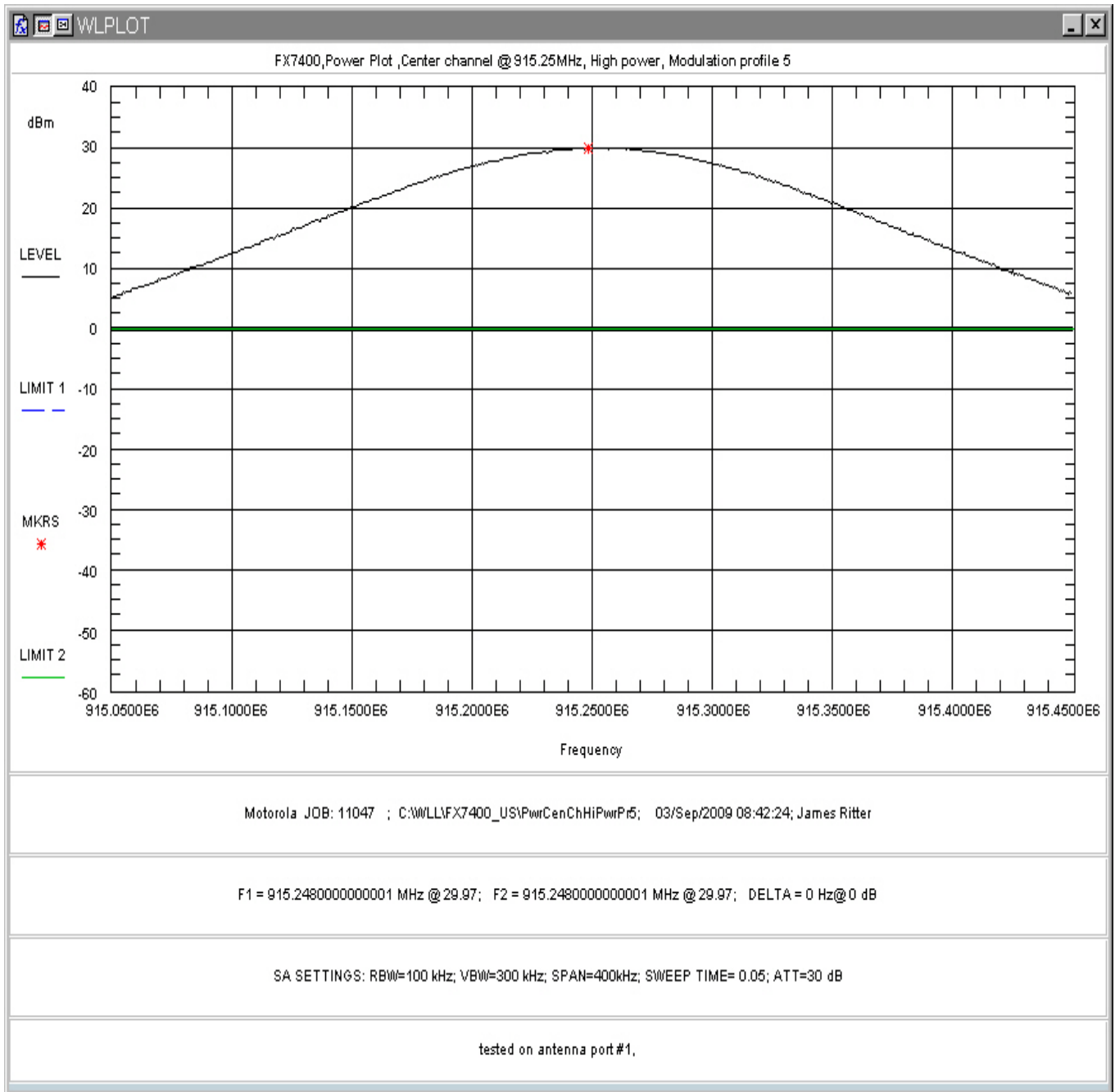


Figure 39: RF Peak Power, Center Channel, High Power, Modulation Profile 5

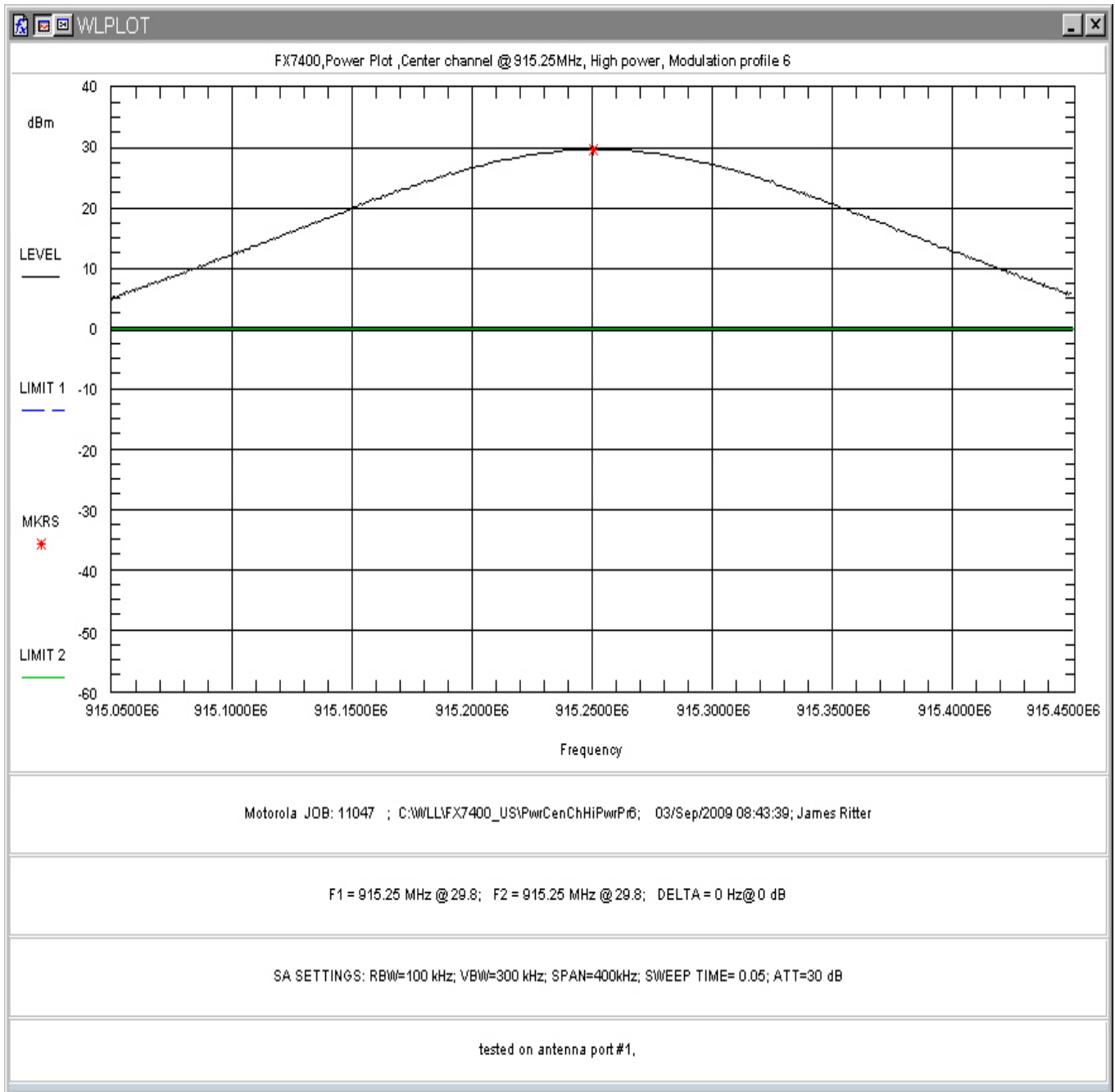


Figure 40: RF Peak Power, Center Channel, High Power, Modulation Profile 6

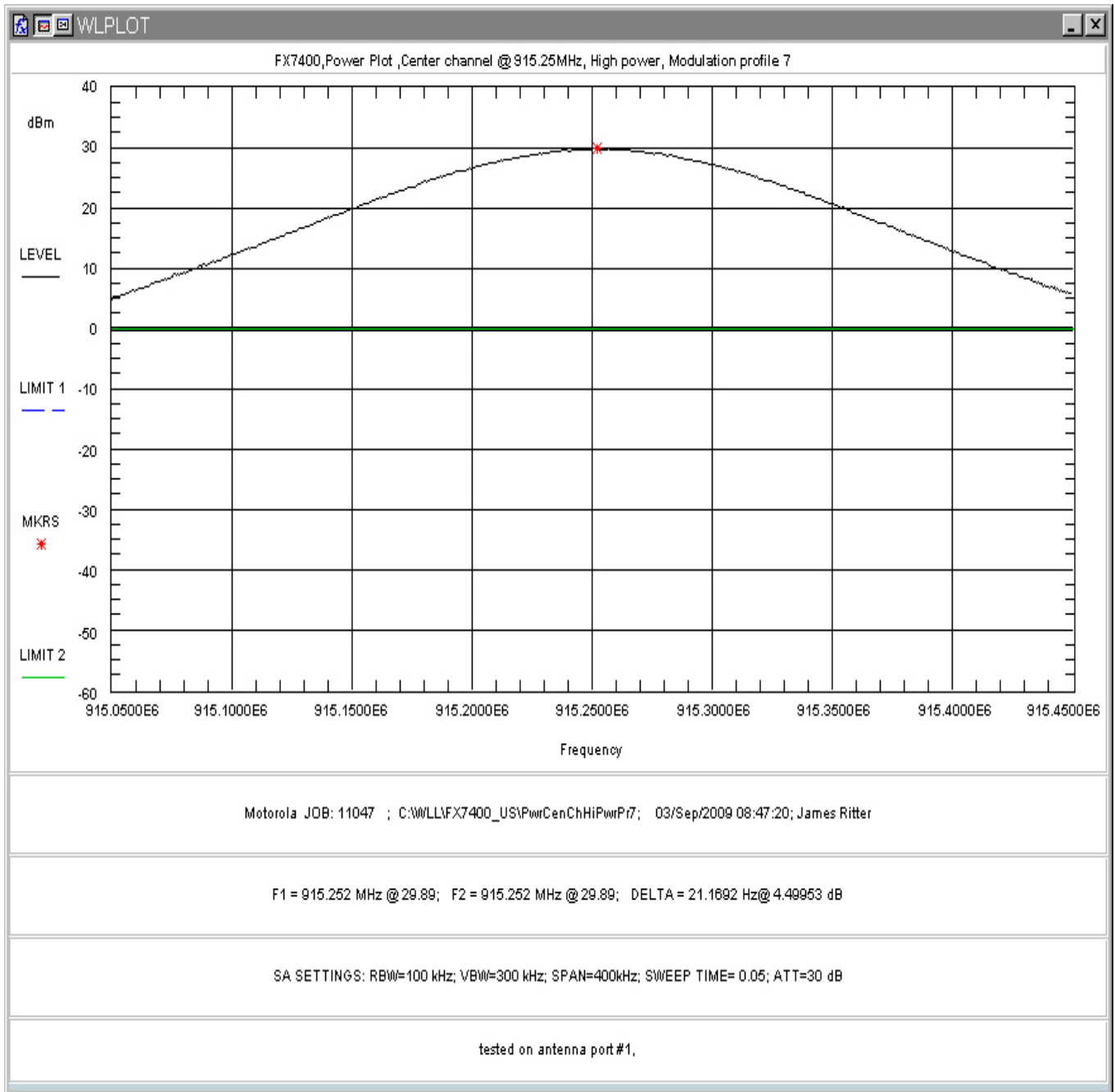


Figure 41: RF Peak Power, Center Channel, High Power, Modulation Profile 7

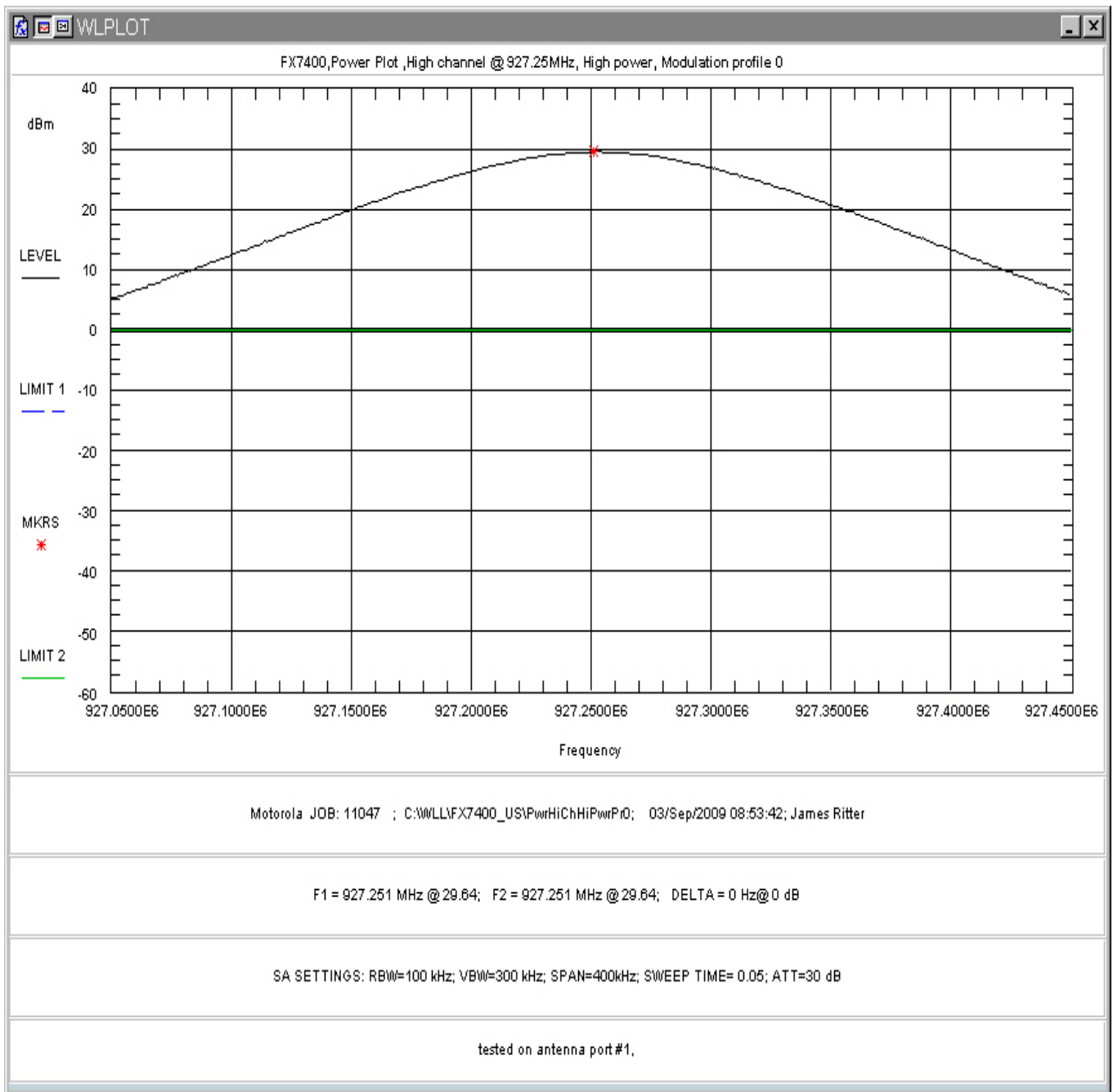


Figure 42: RF Peak Power, High Channel, High Power, Modulation Profile 0

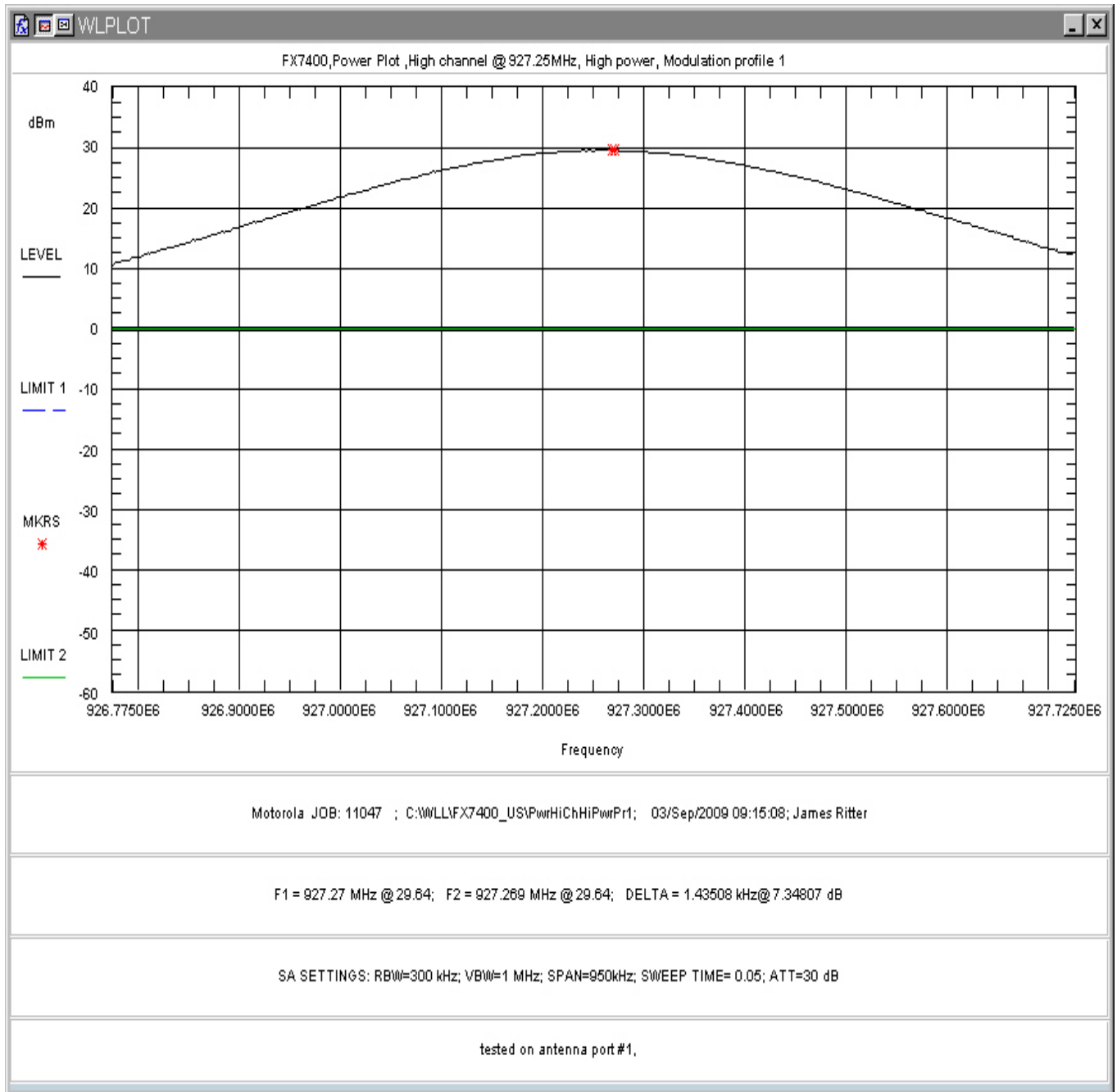


Figure 43: RF Peak Power, High Channel, High Power, Modulation Profile 1

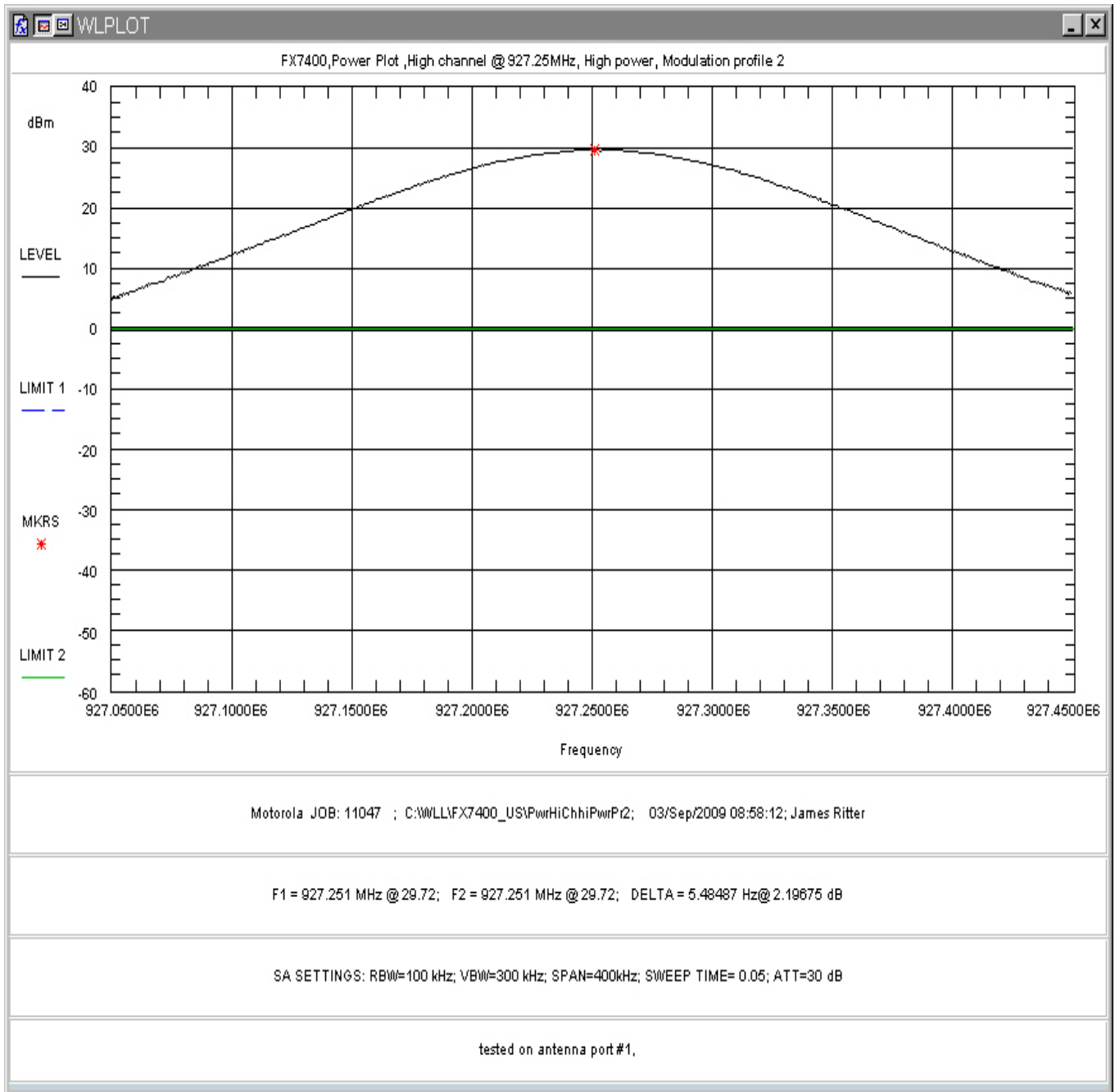


Figure 44: RF Peak Power, High Channel, High Power, Modulation Profile 2

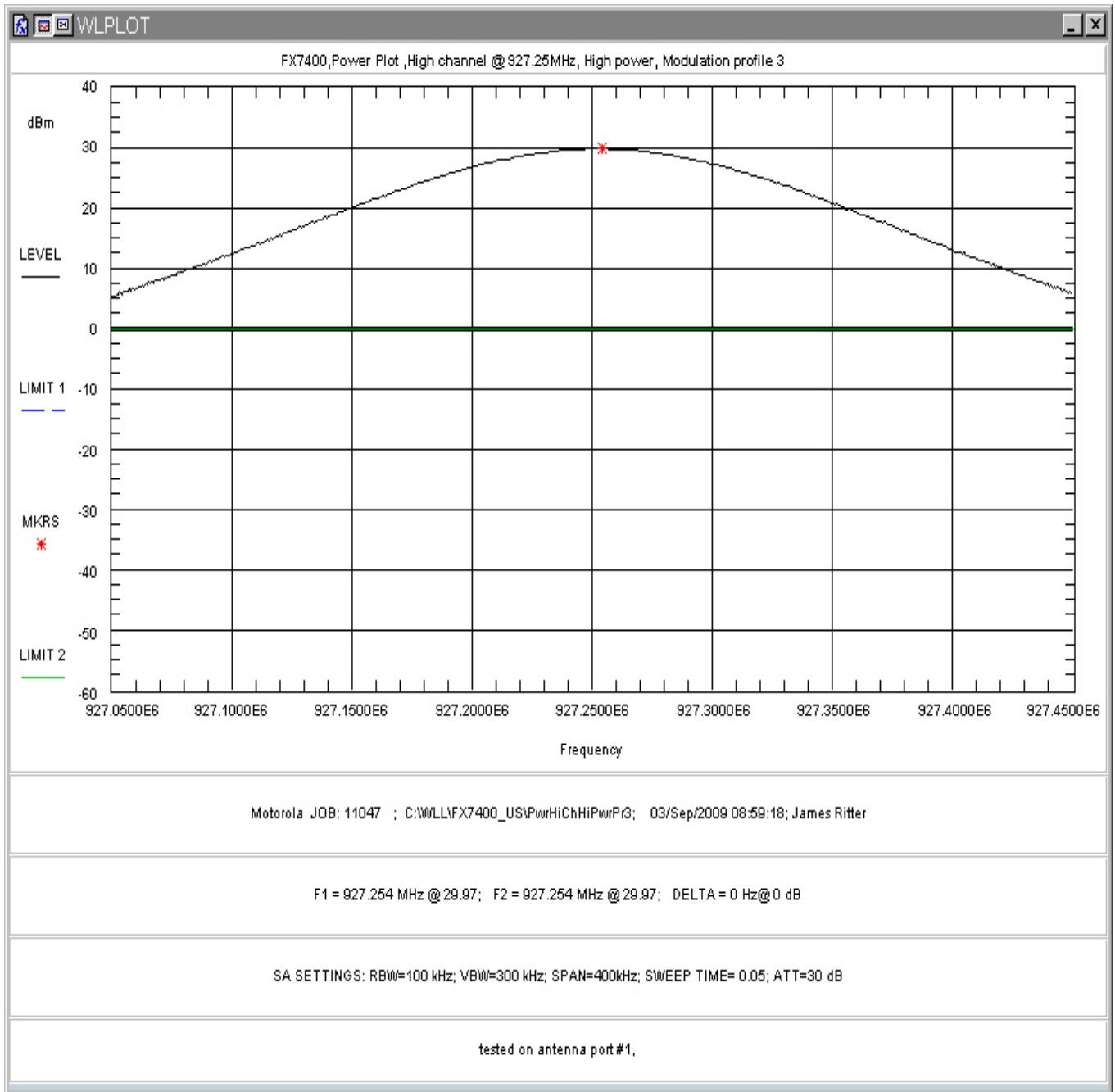


Figure 45: RF Peak Power, High Channel, High Power, Modulation Profile 3

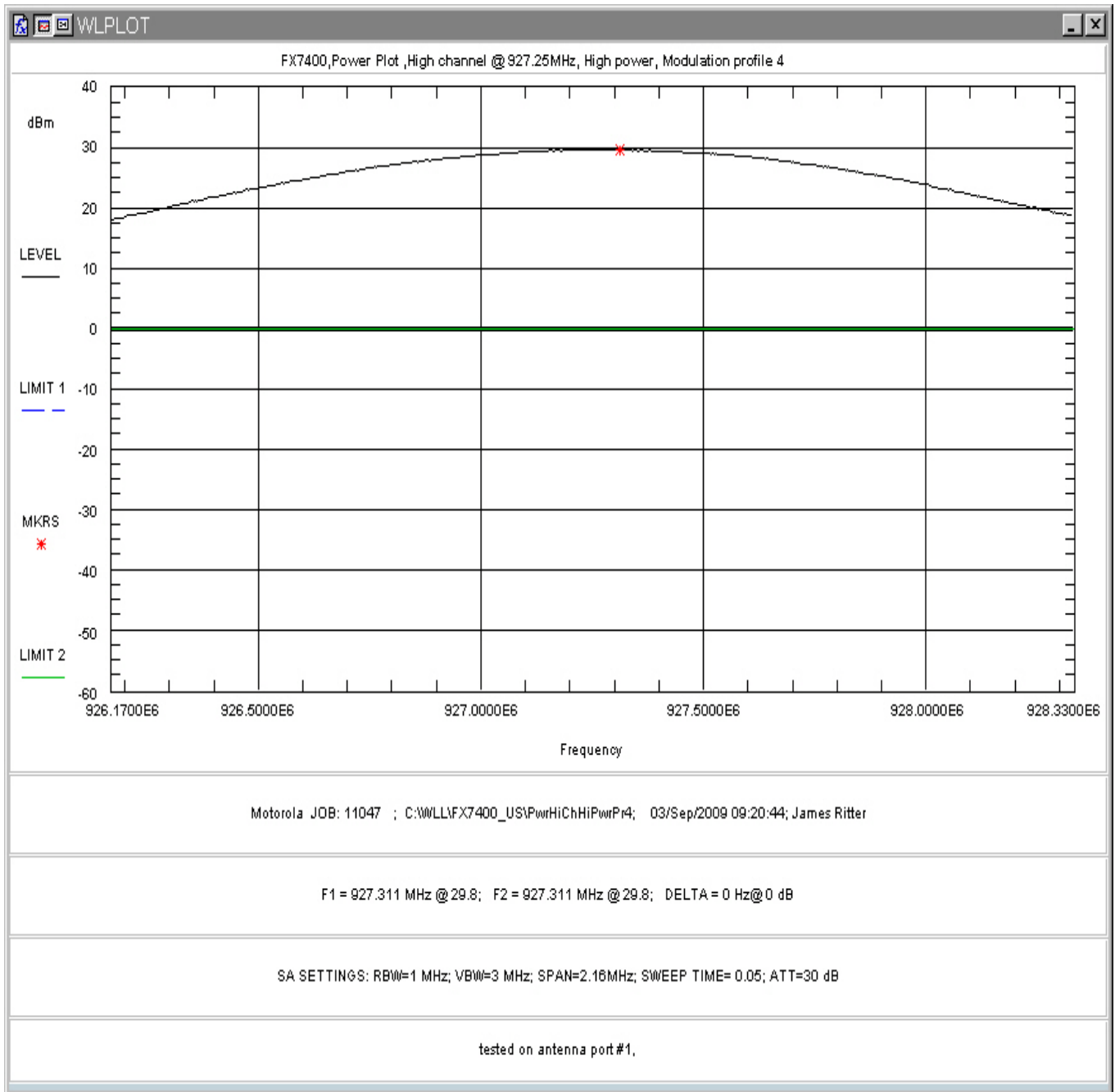


Figure 46: RF Peak Power, High Channel, High Power, Modulation Profile 4

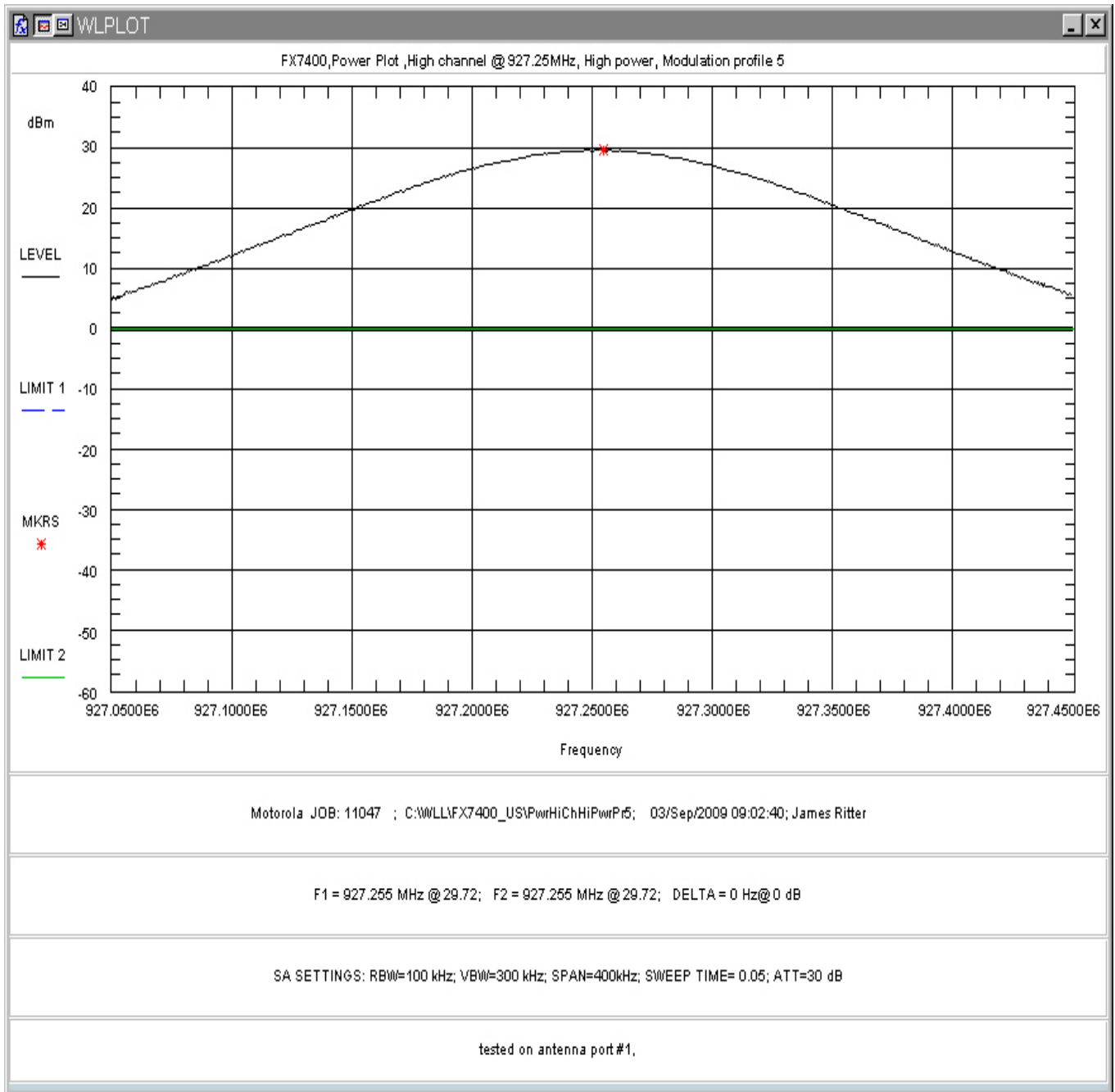


Figure 47: RF Peak Power, High Channel, High Power, Modulation Profile 5

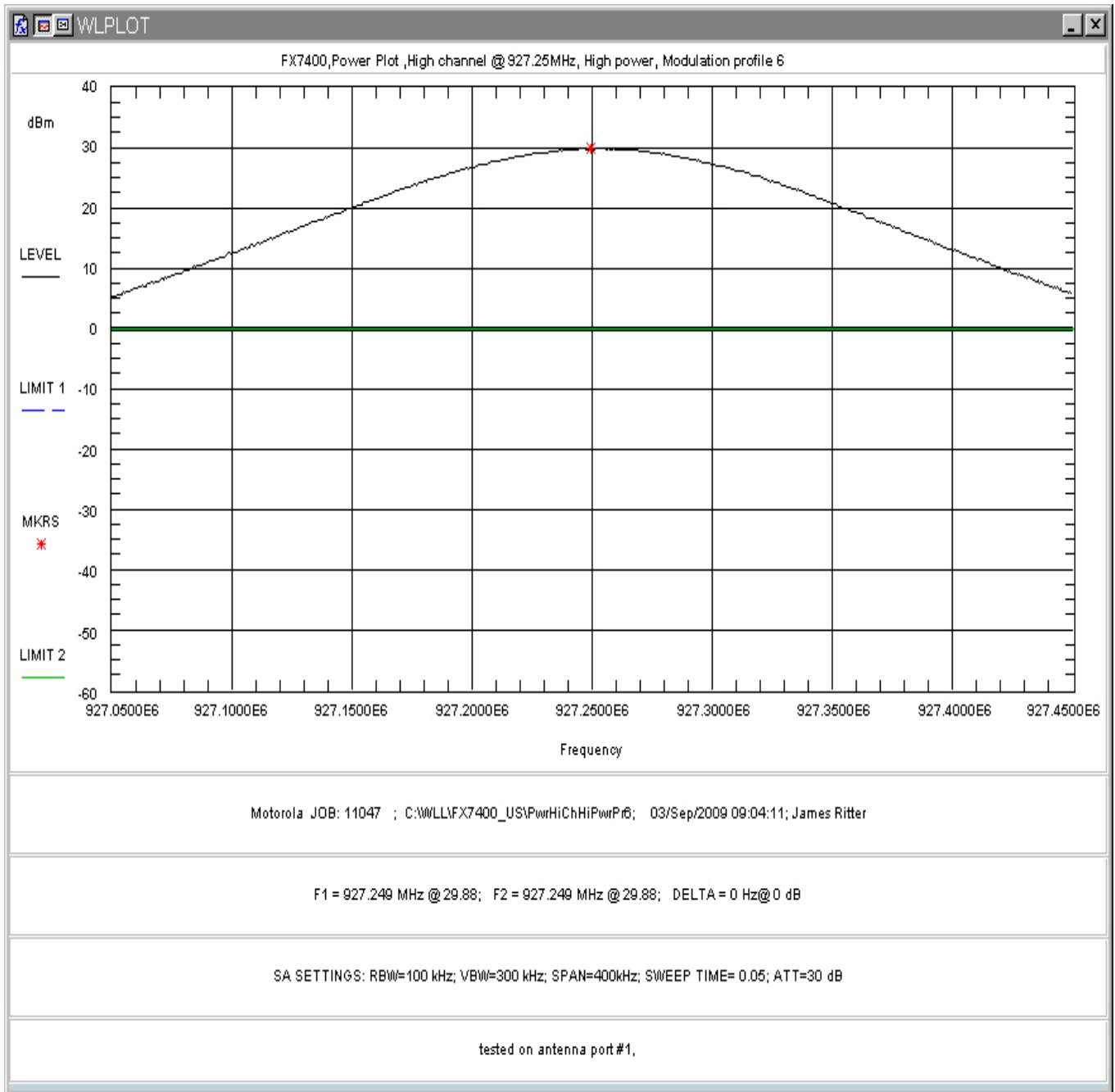


Figure 48: RF Peak Power, High Channel, High Power, Modulation Profile 6

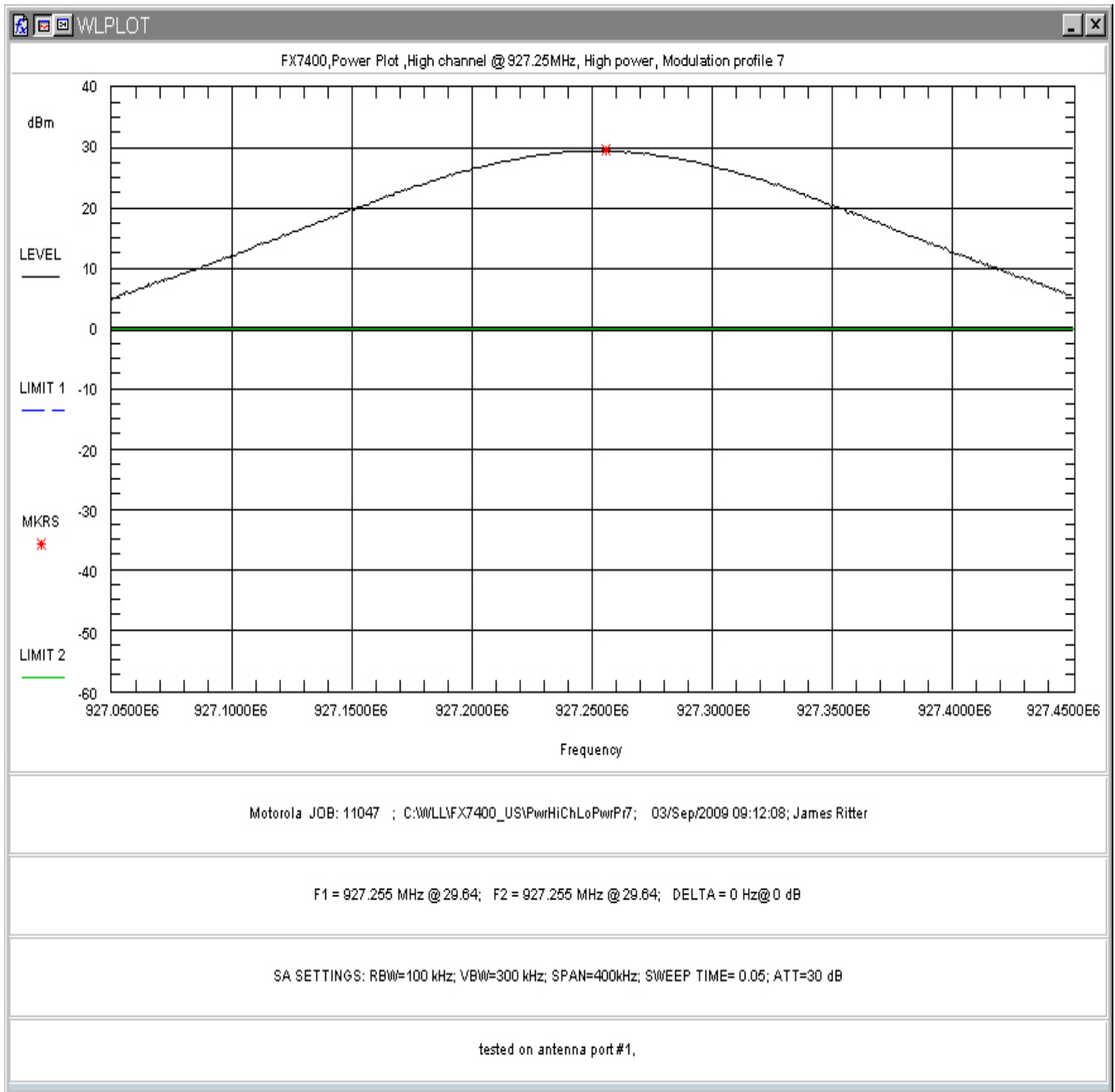


Figure 49: RF Peak Power, High Channel, High Power, Modulation Profile 7

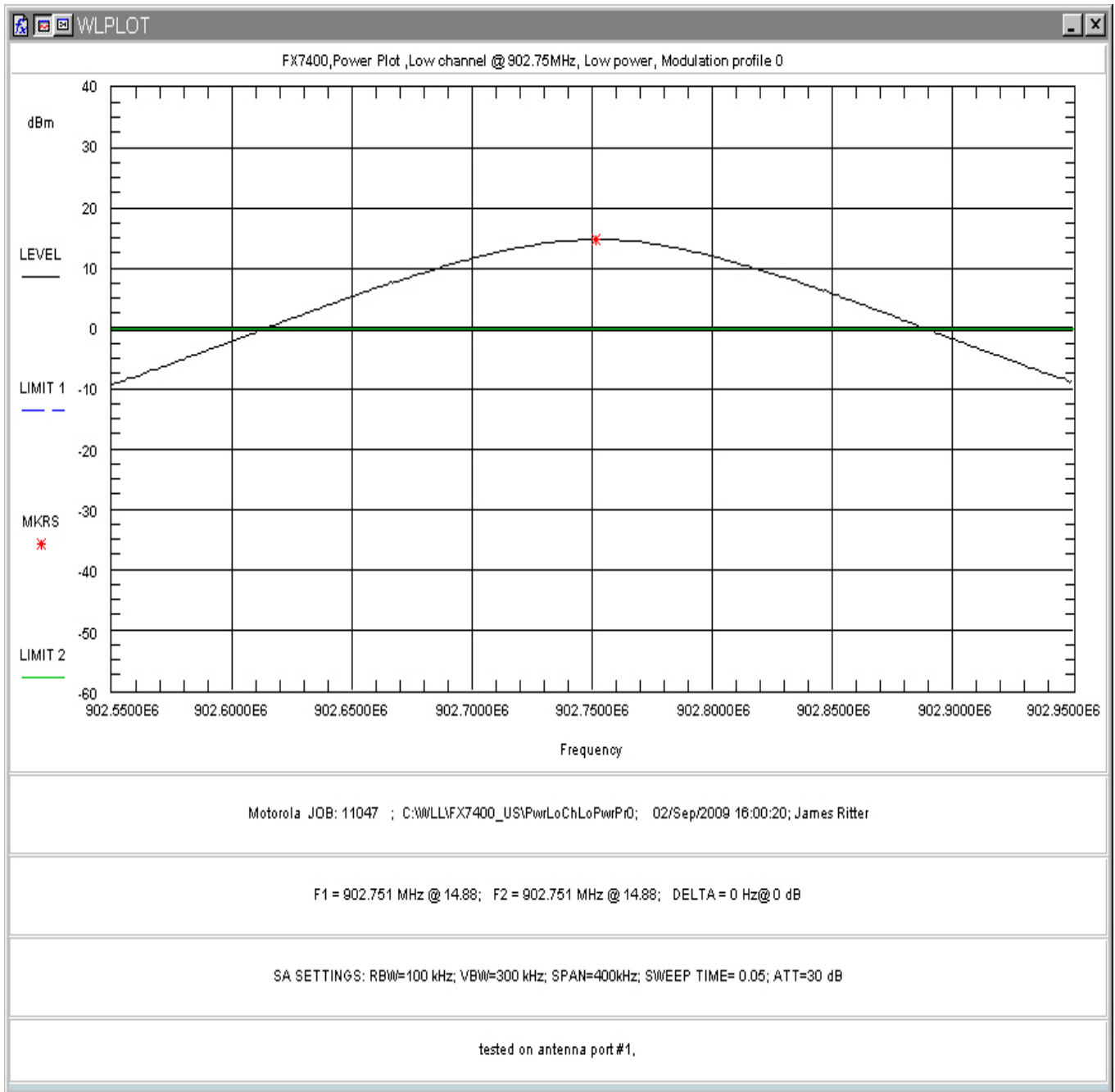


Figure 50: RF Peak Power, Low Channel, Low Power, Modulation Profile 0

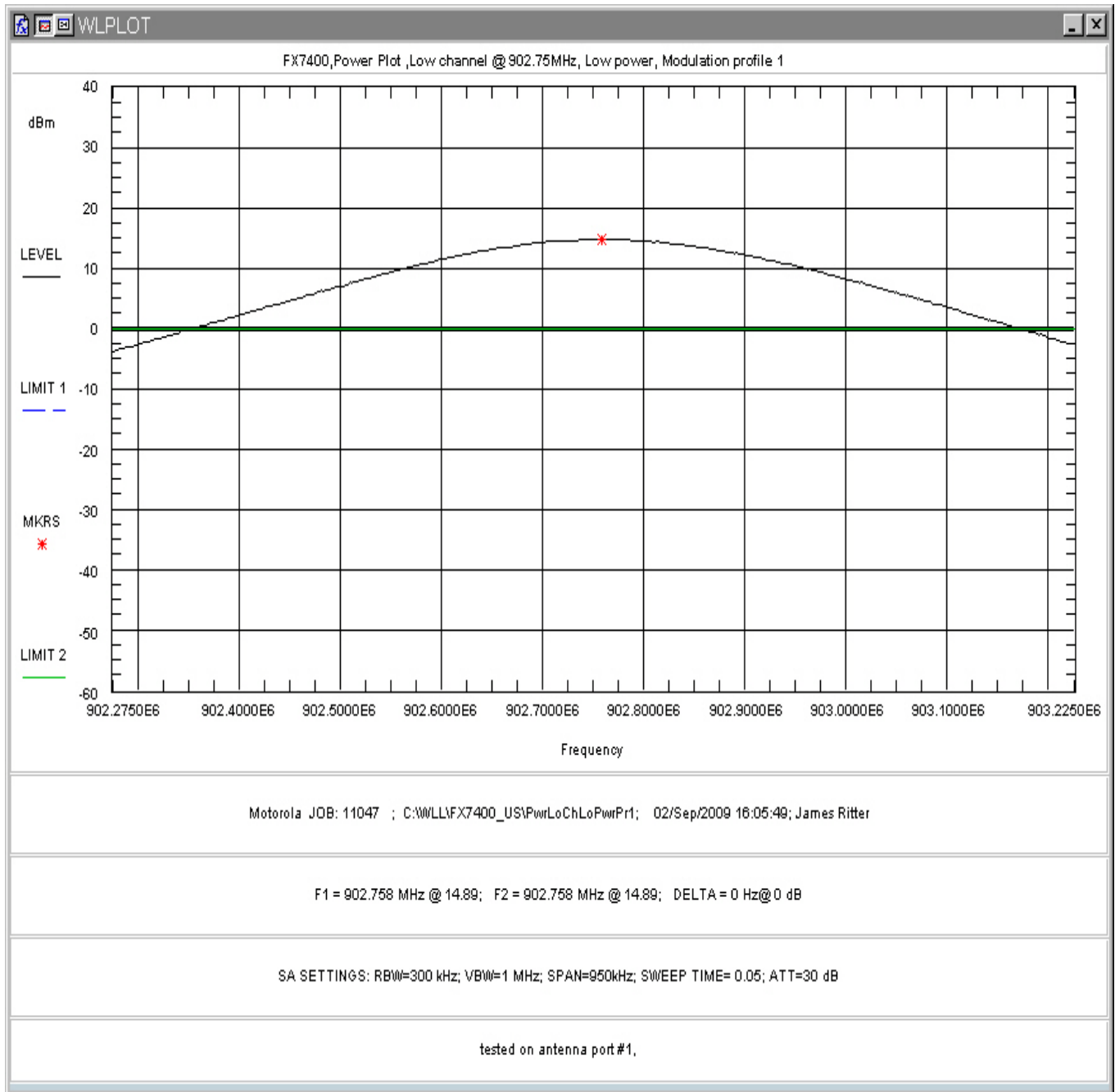


Figure 51: RF Peak Power, Low Channel, Low Power, Modulation Profile 1

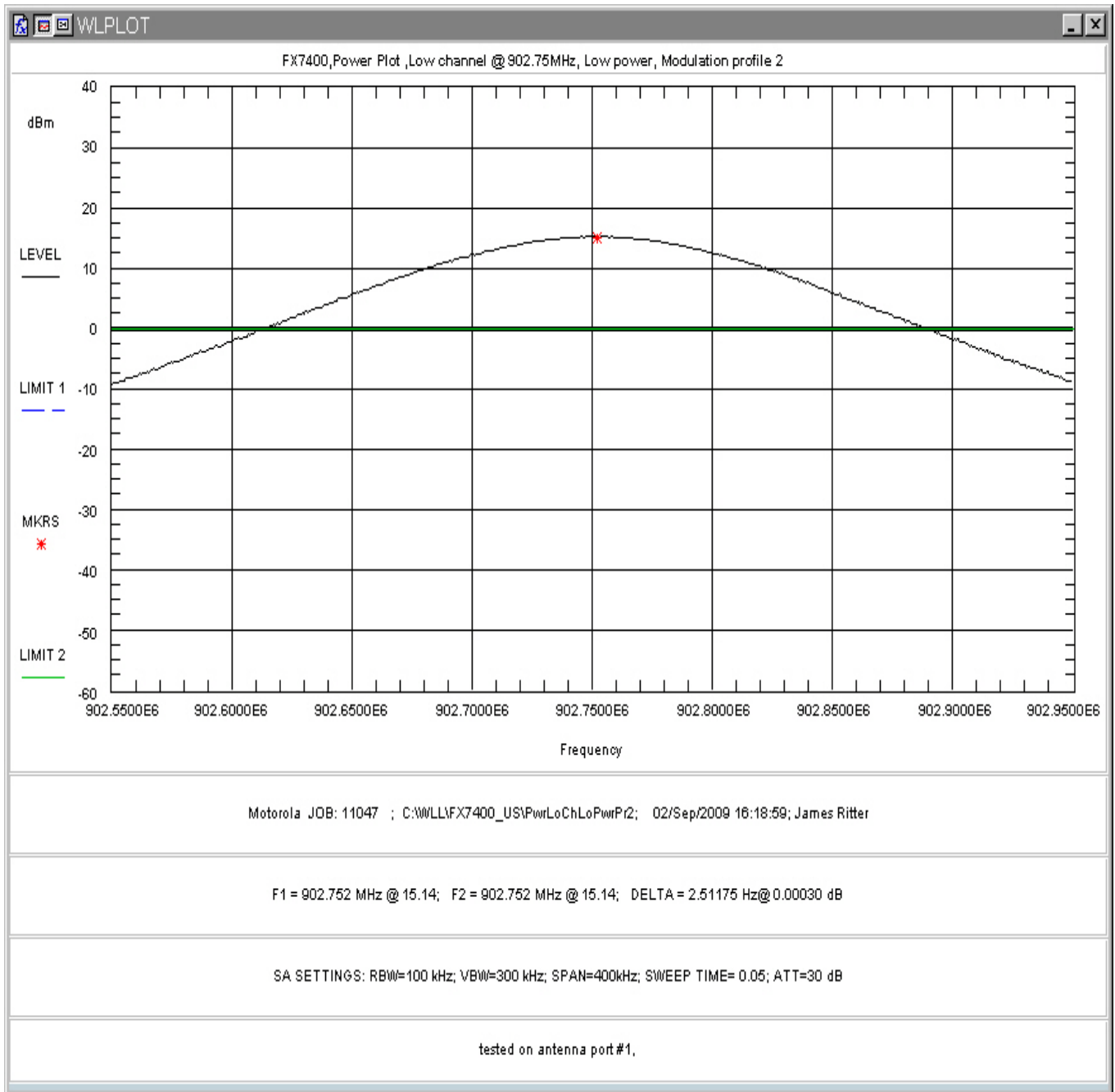


Figure 52: RF Peak Power, Low Channel, Low Power, Modulation Profile 2

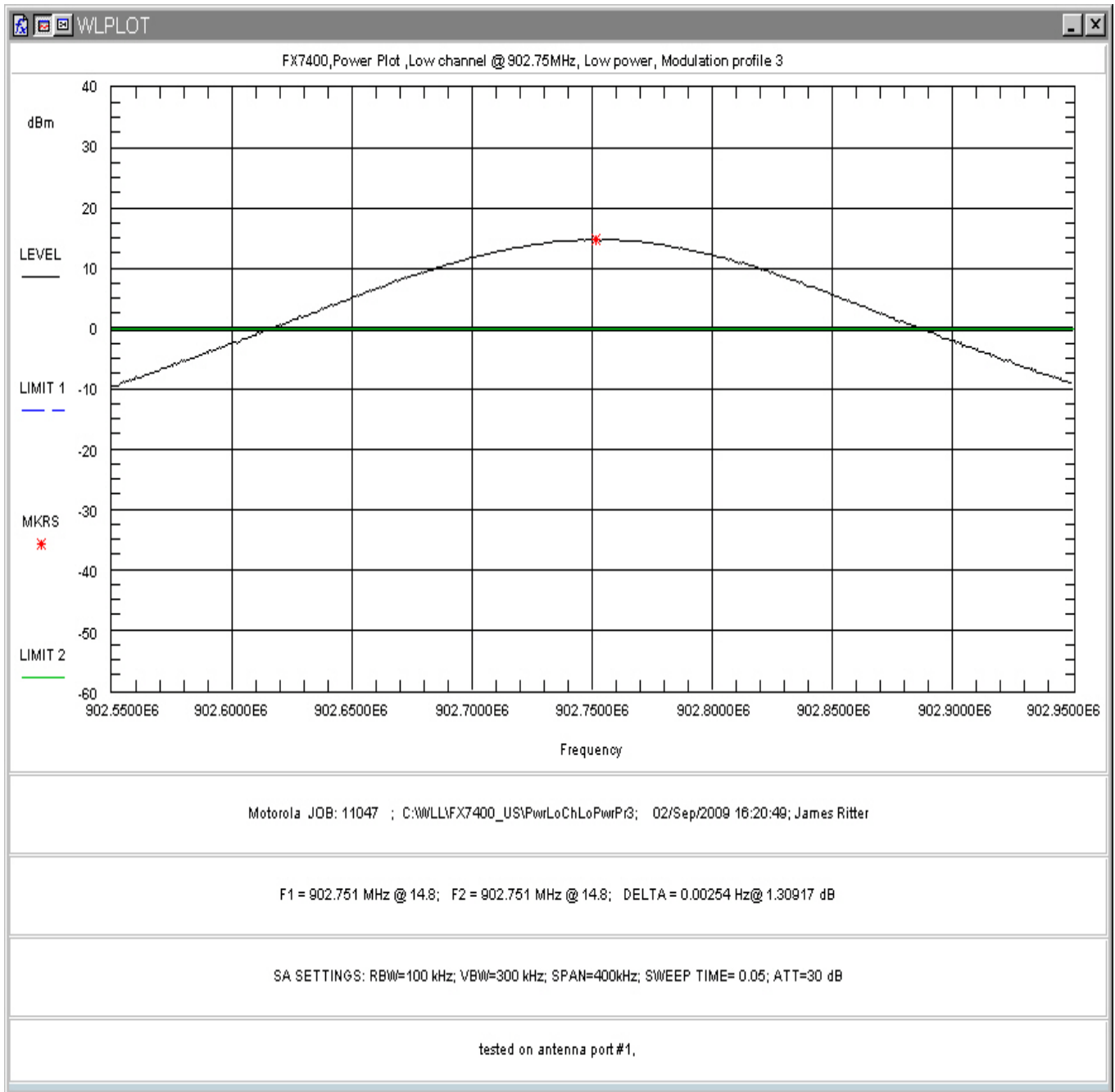


Figure 53: RF Peak Power, Low Channel, Low Power, Modulation Profile 3

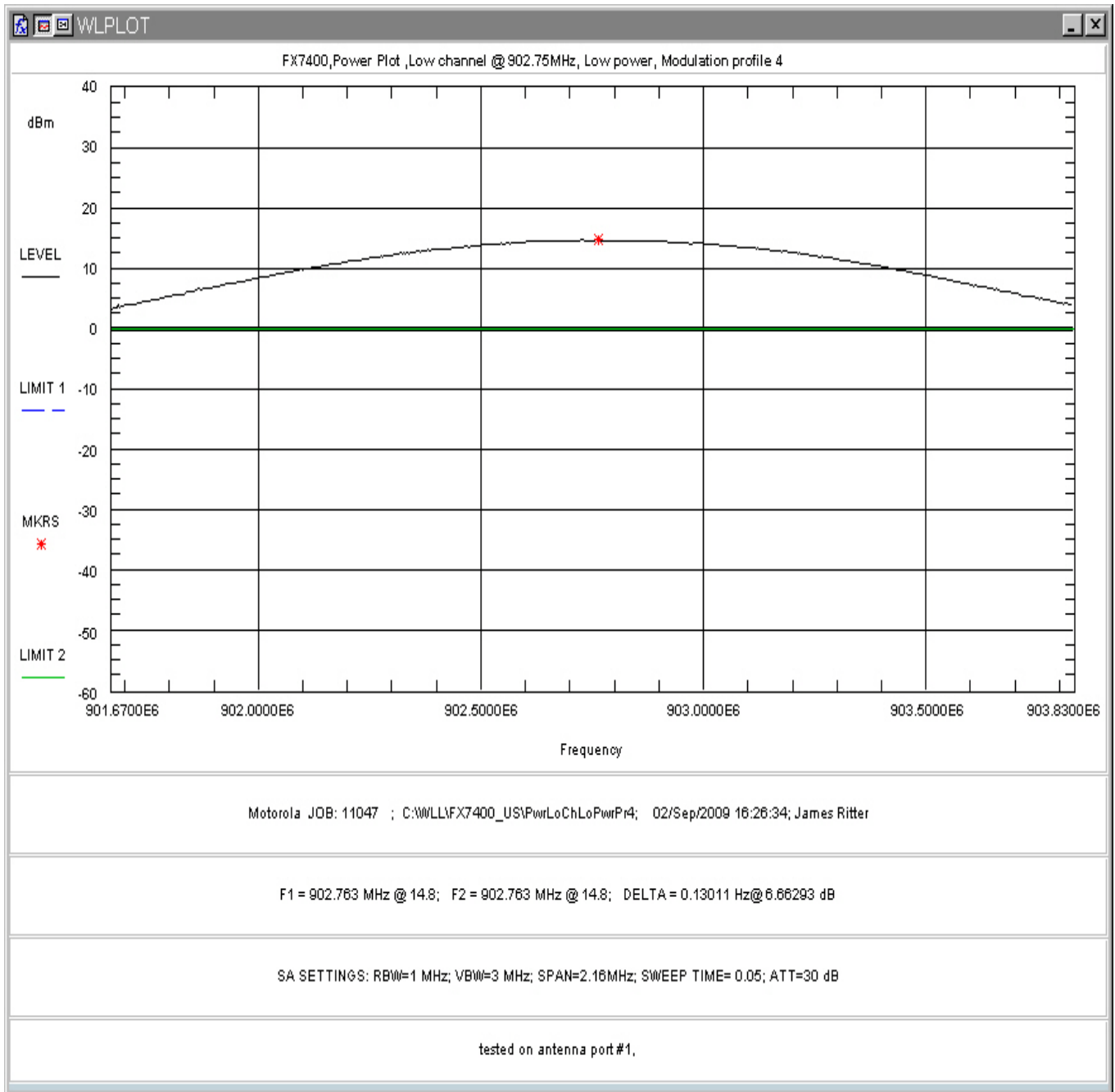


Figure 54: RF Peak Power, Low Channel, Low Power, Modulation Profile 4

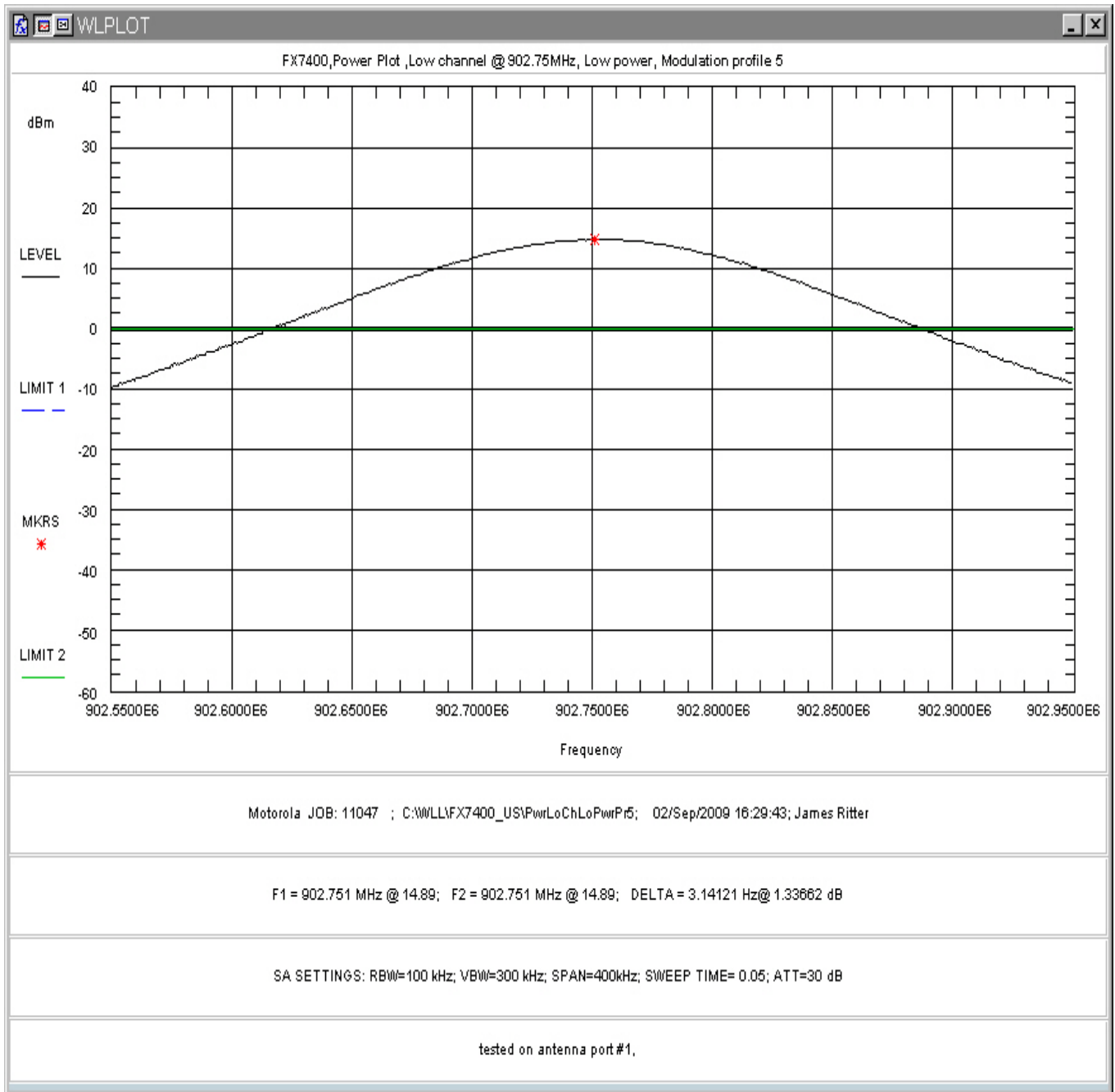


Figure 55: RF Peak Power, Low Channel, Low Power, Modulation Profile 5

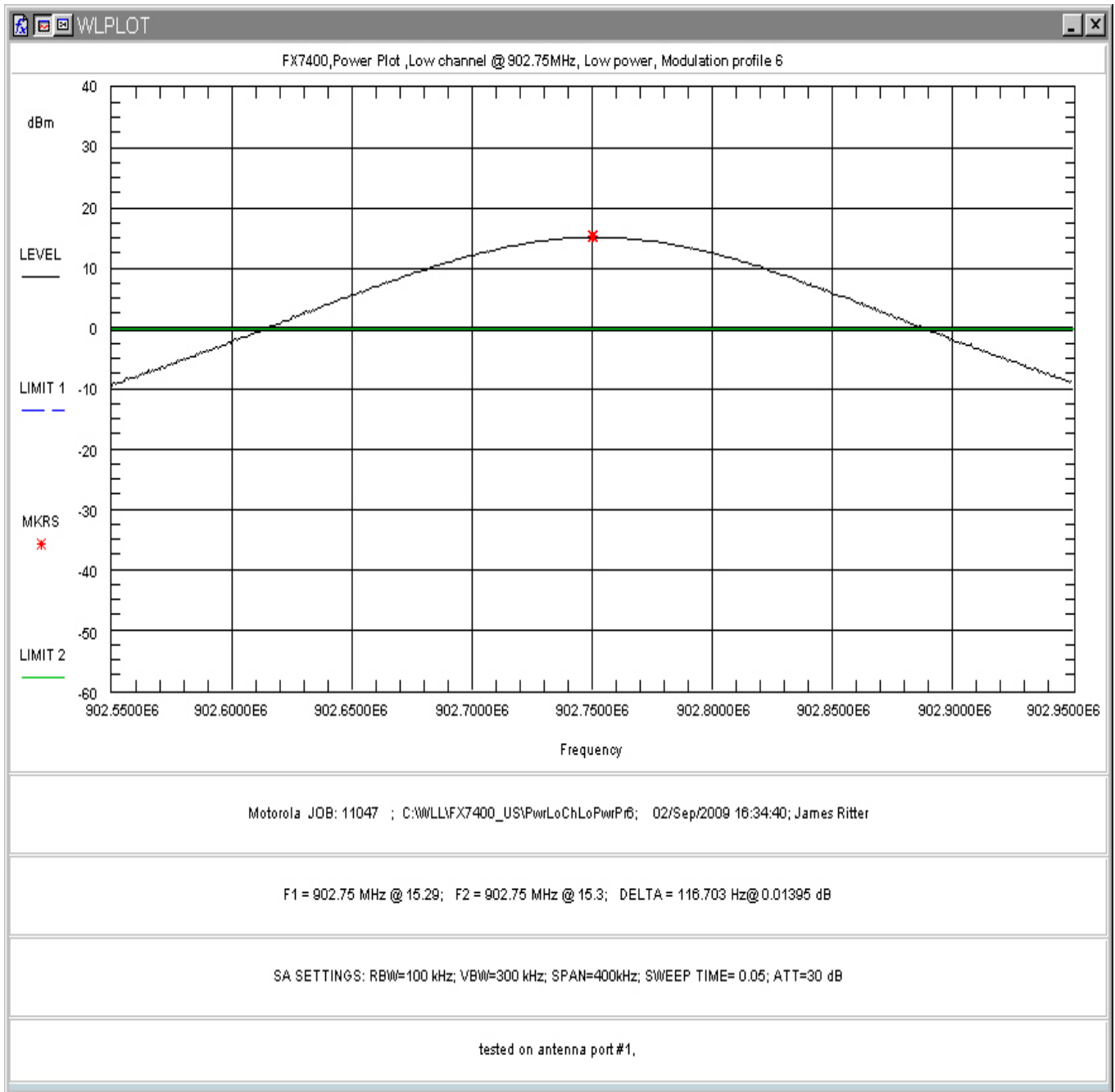


Figure 56: RF Peak Power, Low Channel, Low Power, Modulation Profile 6

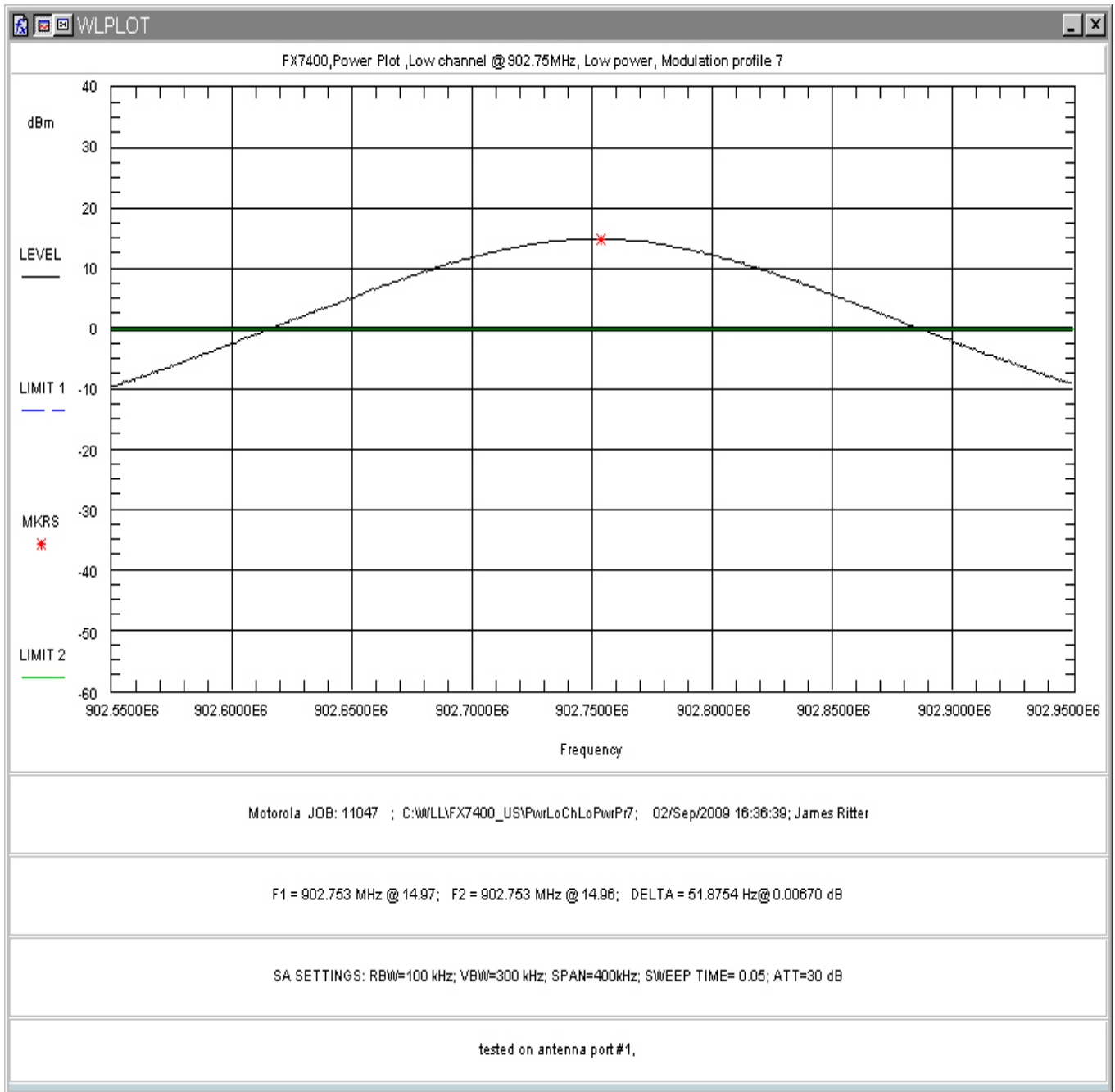


Figure 57: RF Peak Power, Low Channel, Low Power, Modulation Profile 7

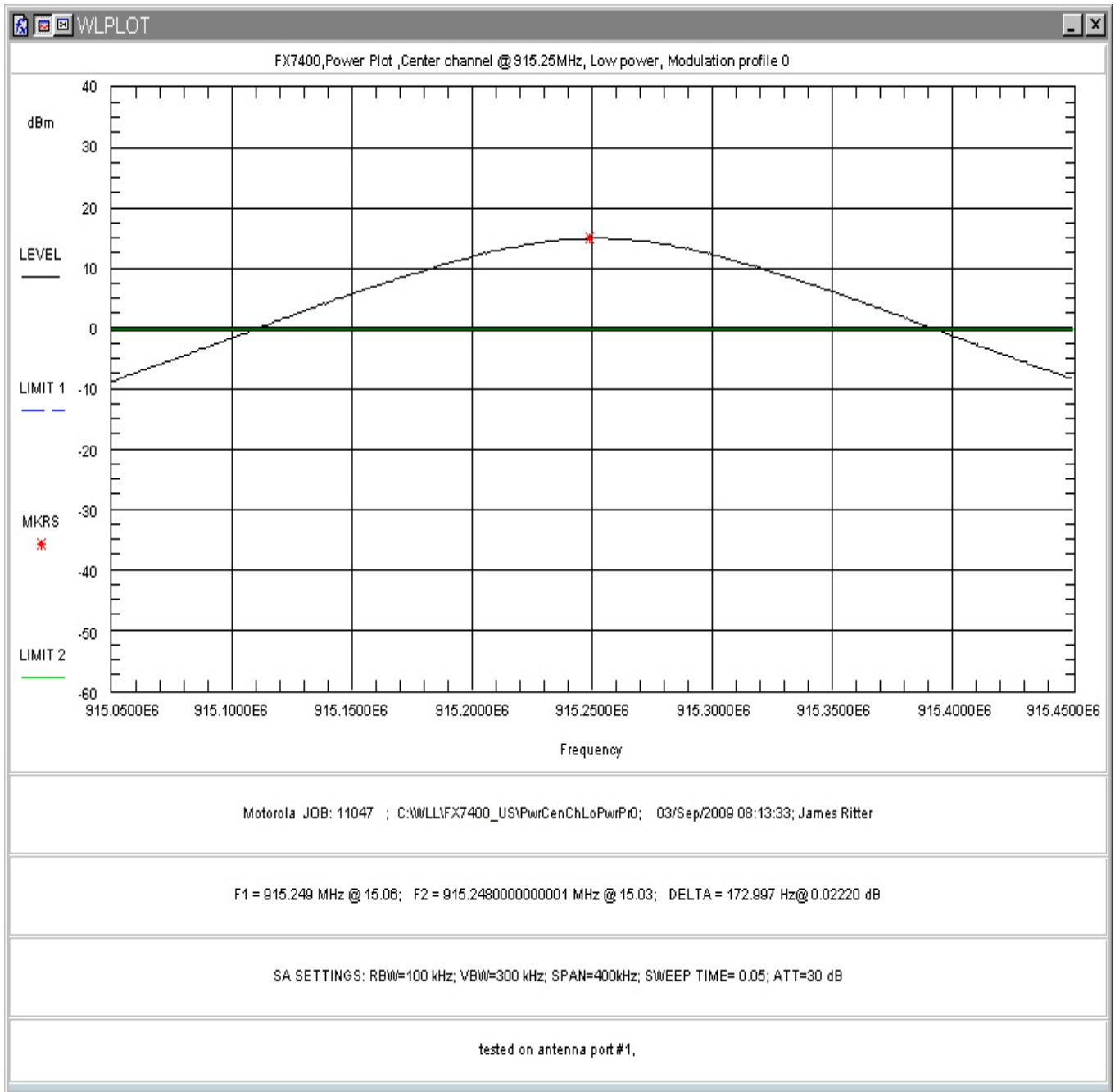


Figure 58: RF Peak Power, Center Channel, Low Power, Modulation Profile 0

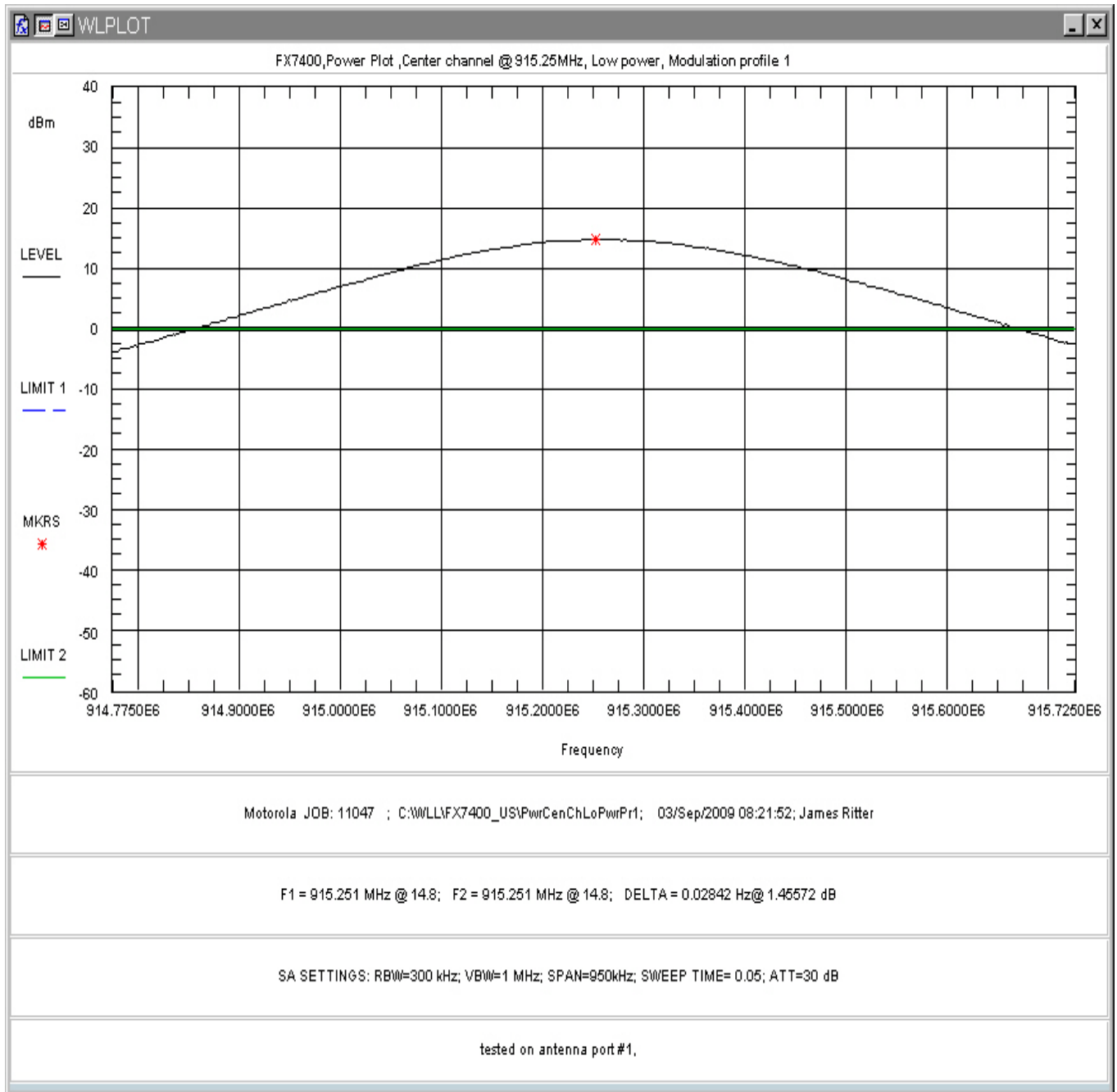


Figure 59: RF Peak Power, Center Channel, Low Power, Modulation Profile 1

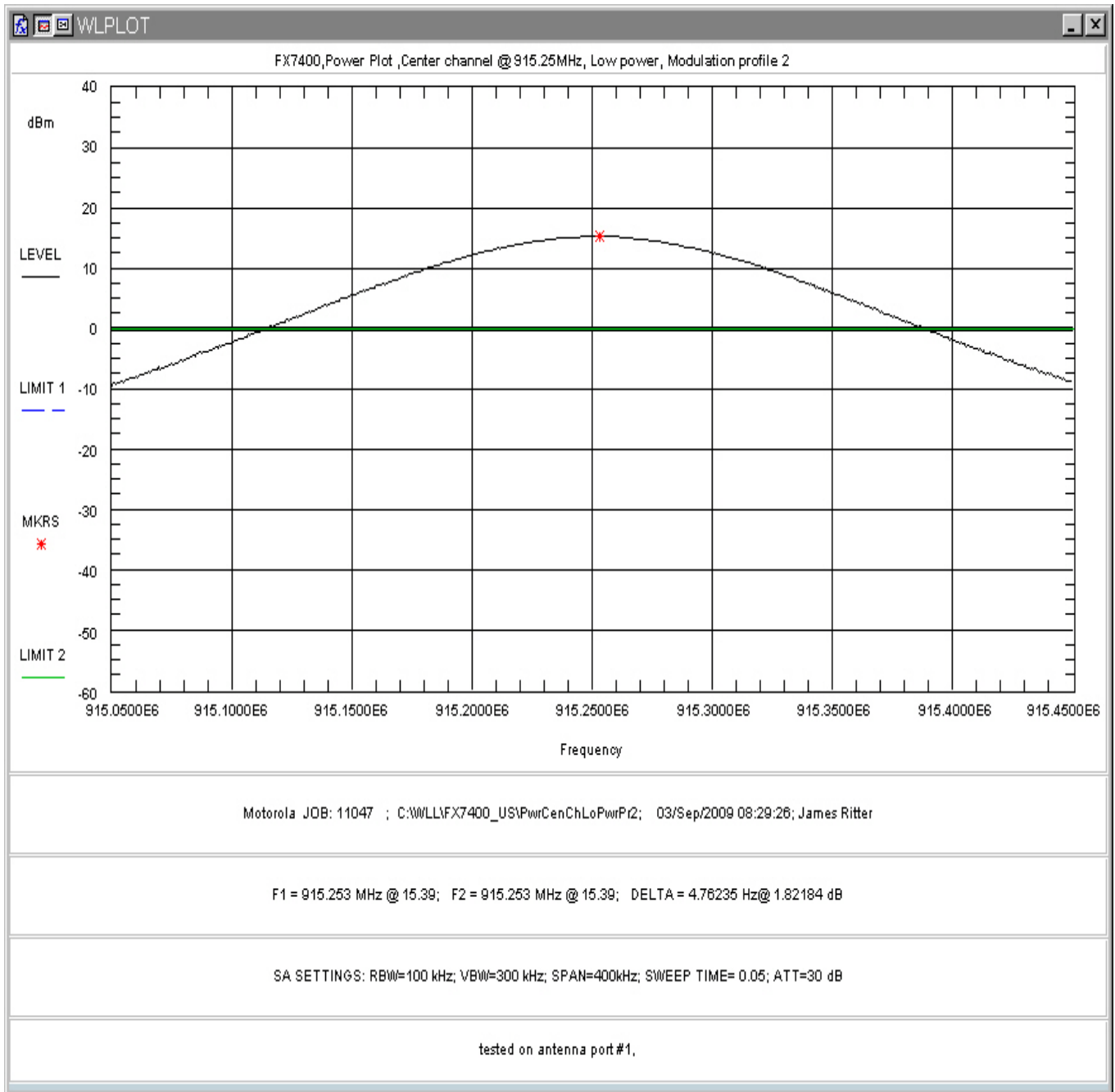


Figure 60: RF Peak Power, Center Channel, Low Power, Modulation Profile 2

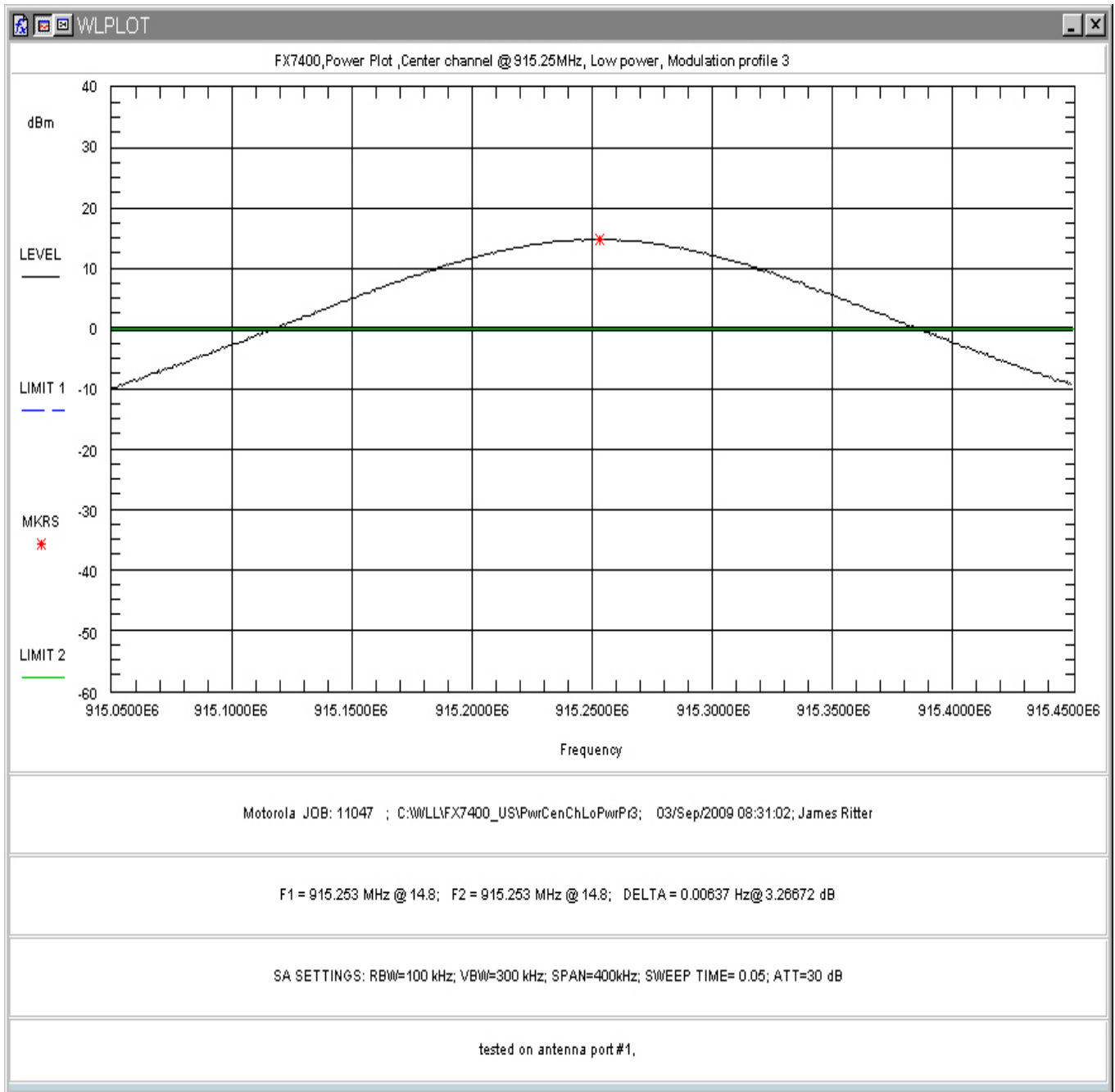


Figure 61: RF Peak Power, Center Channel, Low Power, Modulation Profile 3

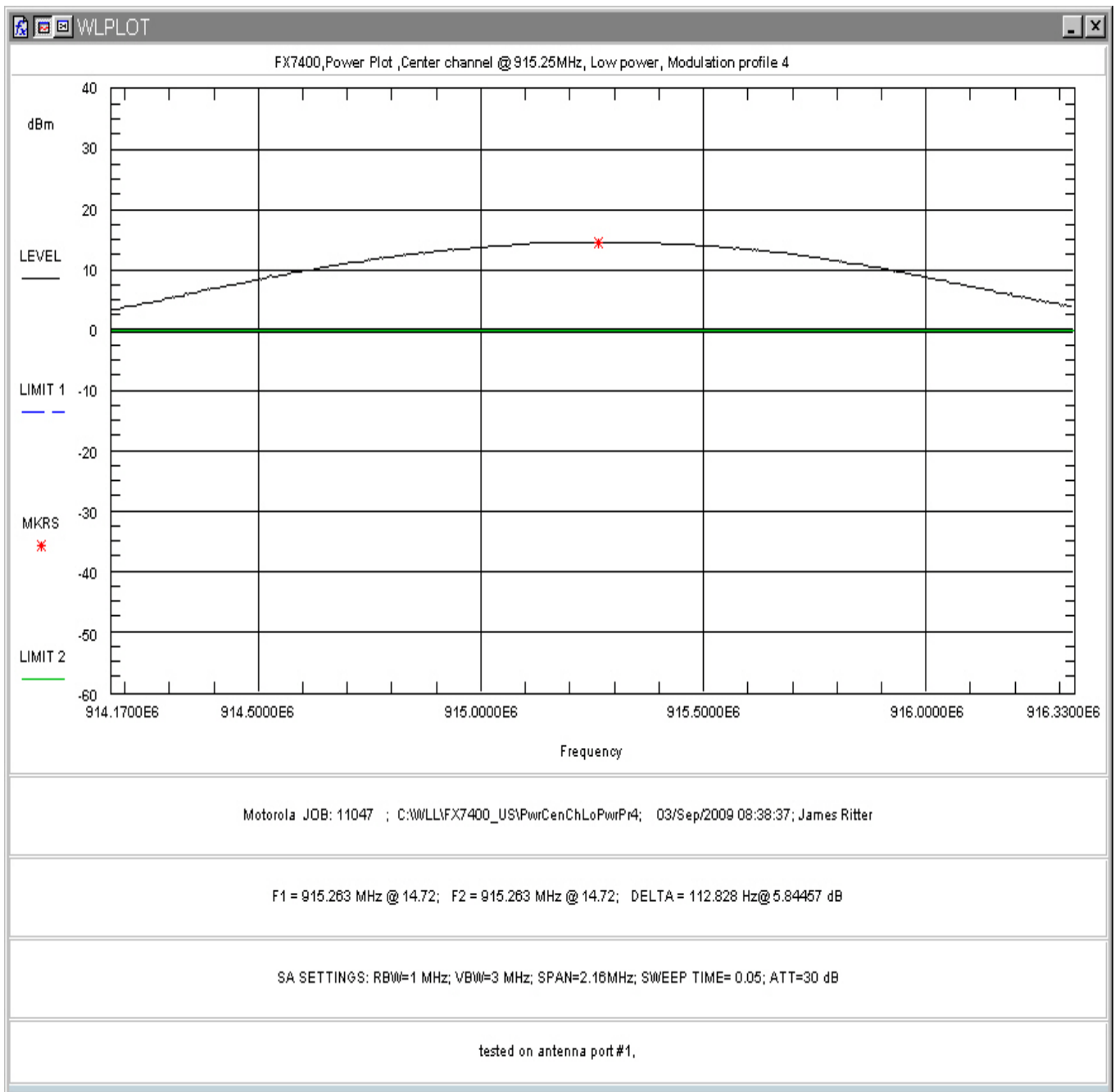


Figure 62: RF Peak Power, Center Channel, Low Power, Modulation Profile 4

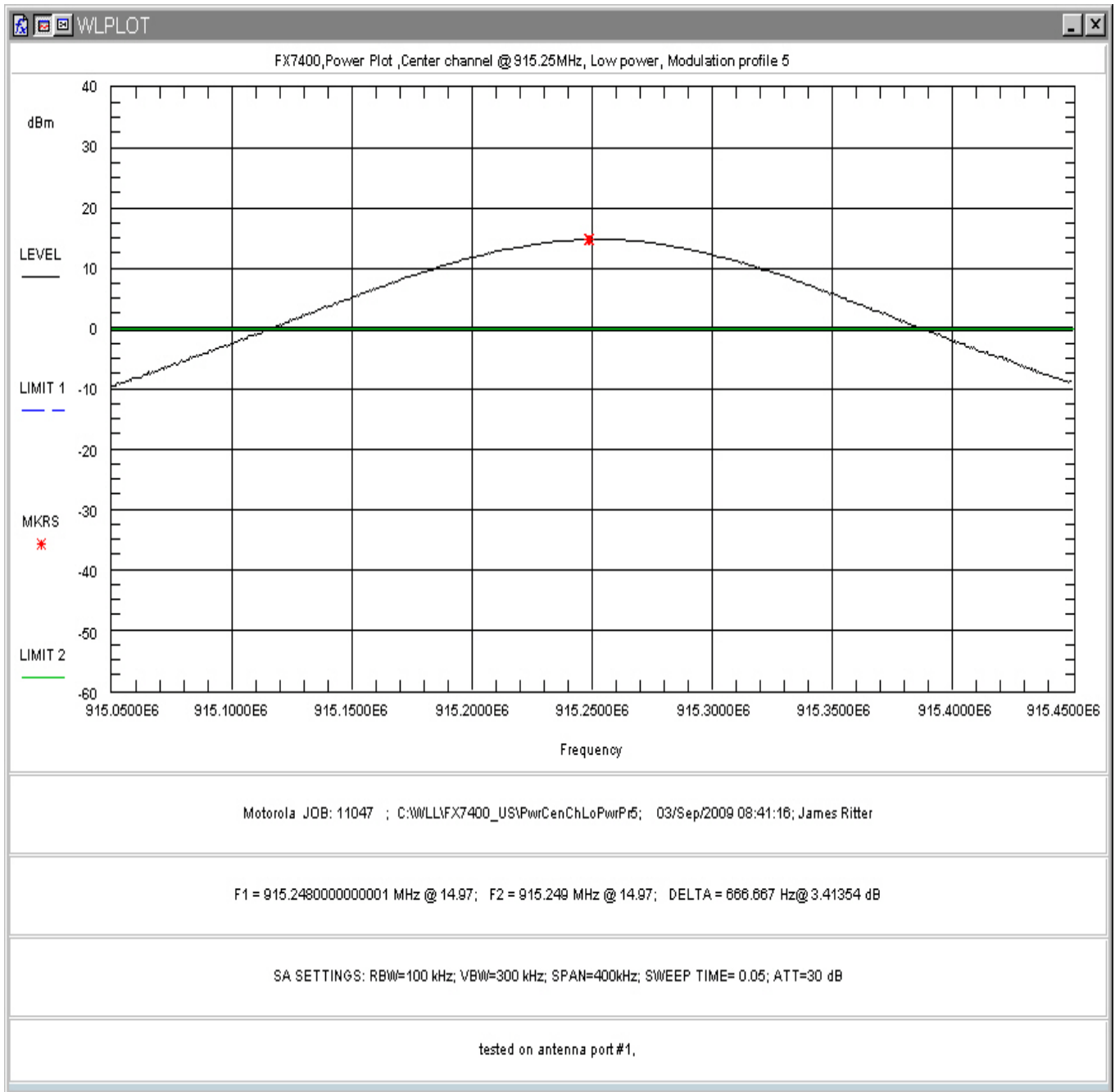


Figure 63: RF Peak Power, Center Channel, Low Power, Modulation Profile 5

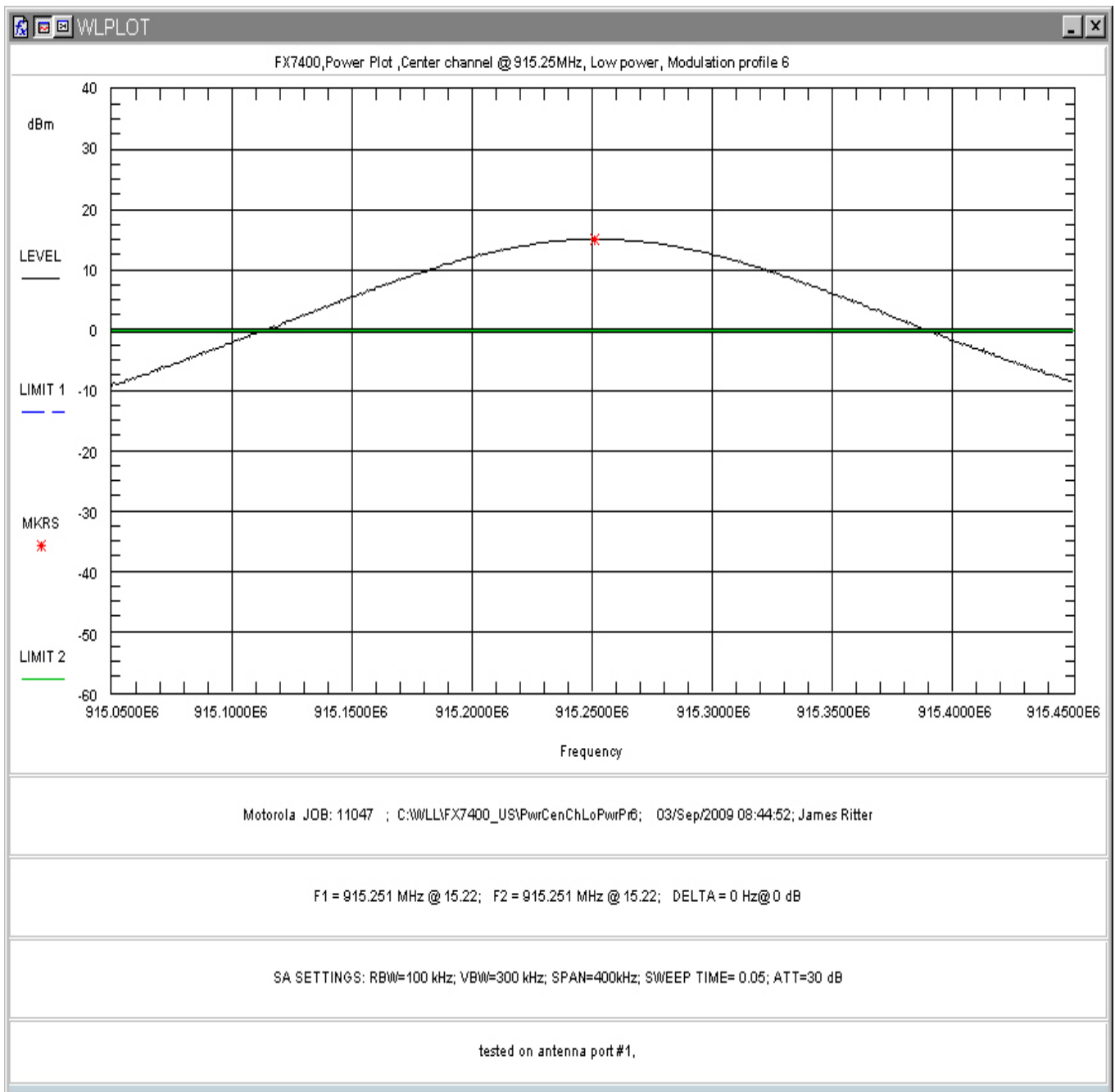


Figure 64: RF Peak Power, Center Channel, Low Power, Modulation Profile 6

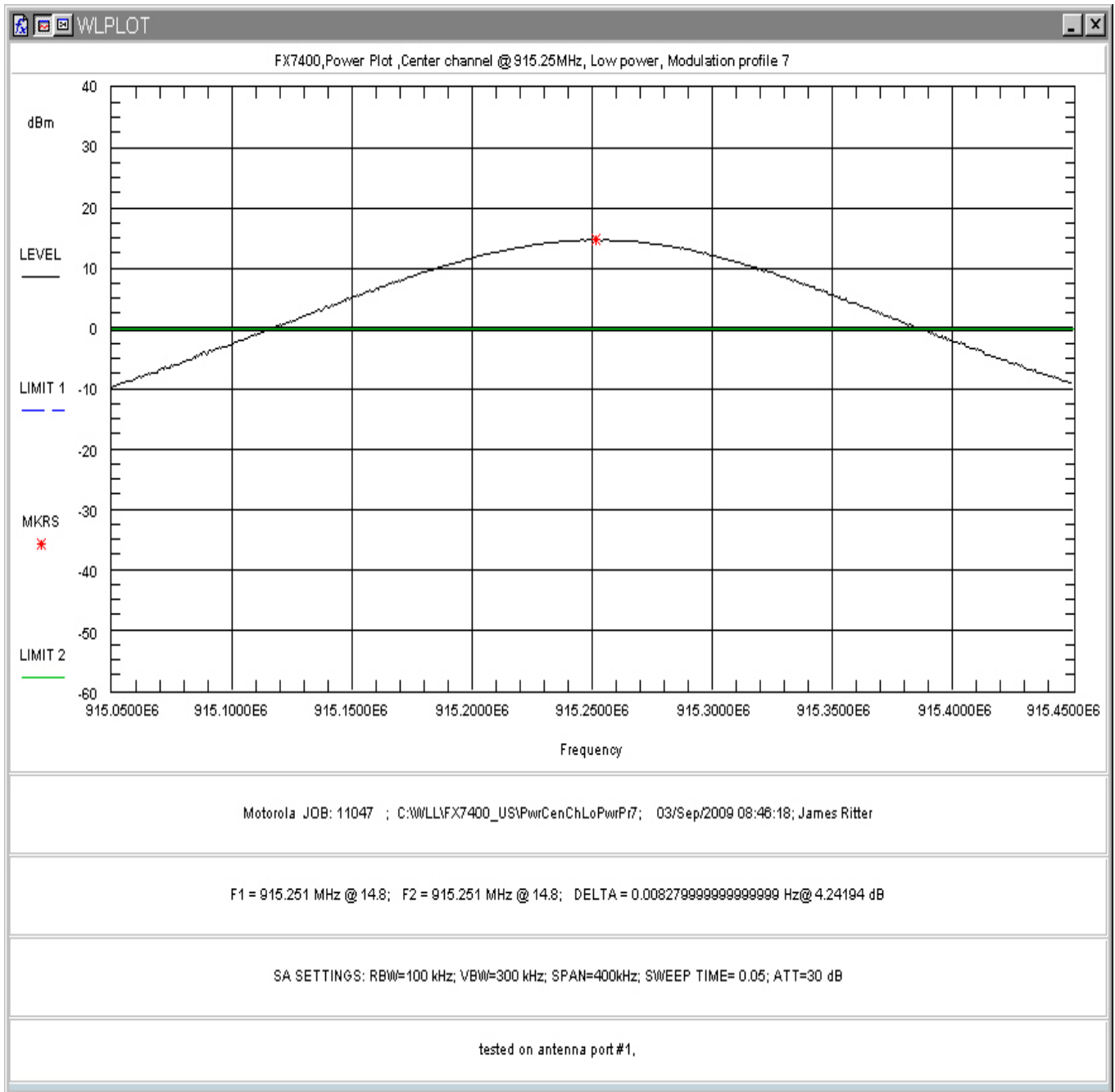


Figure 65: RF Peak Power, Center Channel, Low Power, Modulation Profile 7

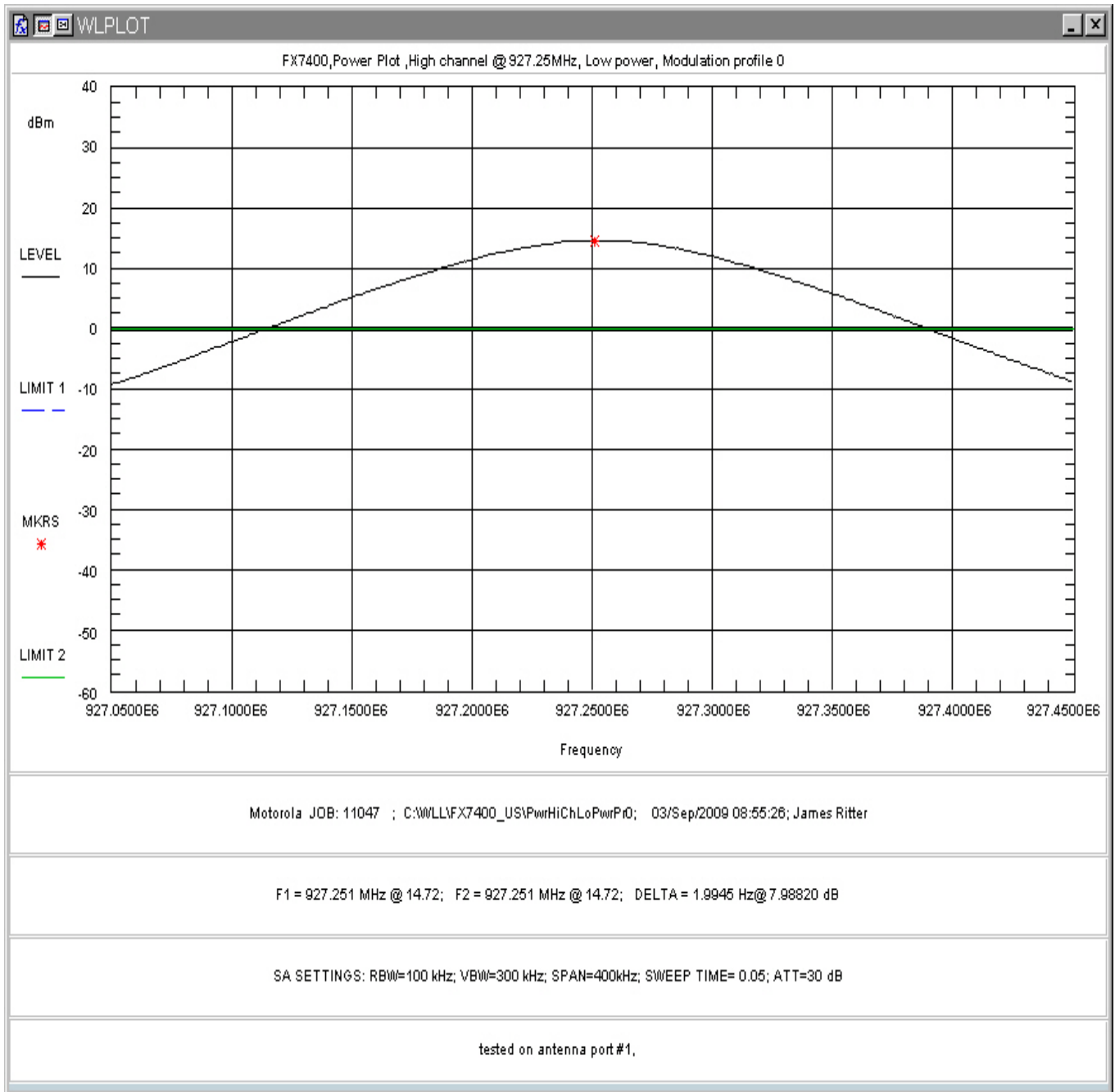


Figure 66: RF Peak Power, High Channel, Low Power, Modulation Profile 0

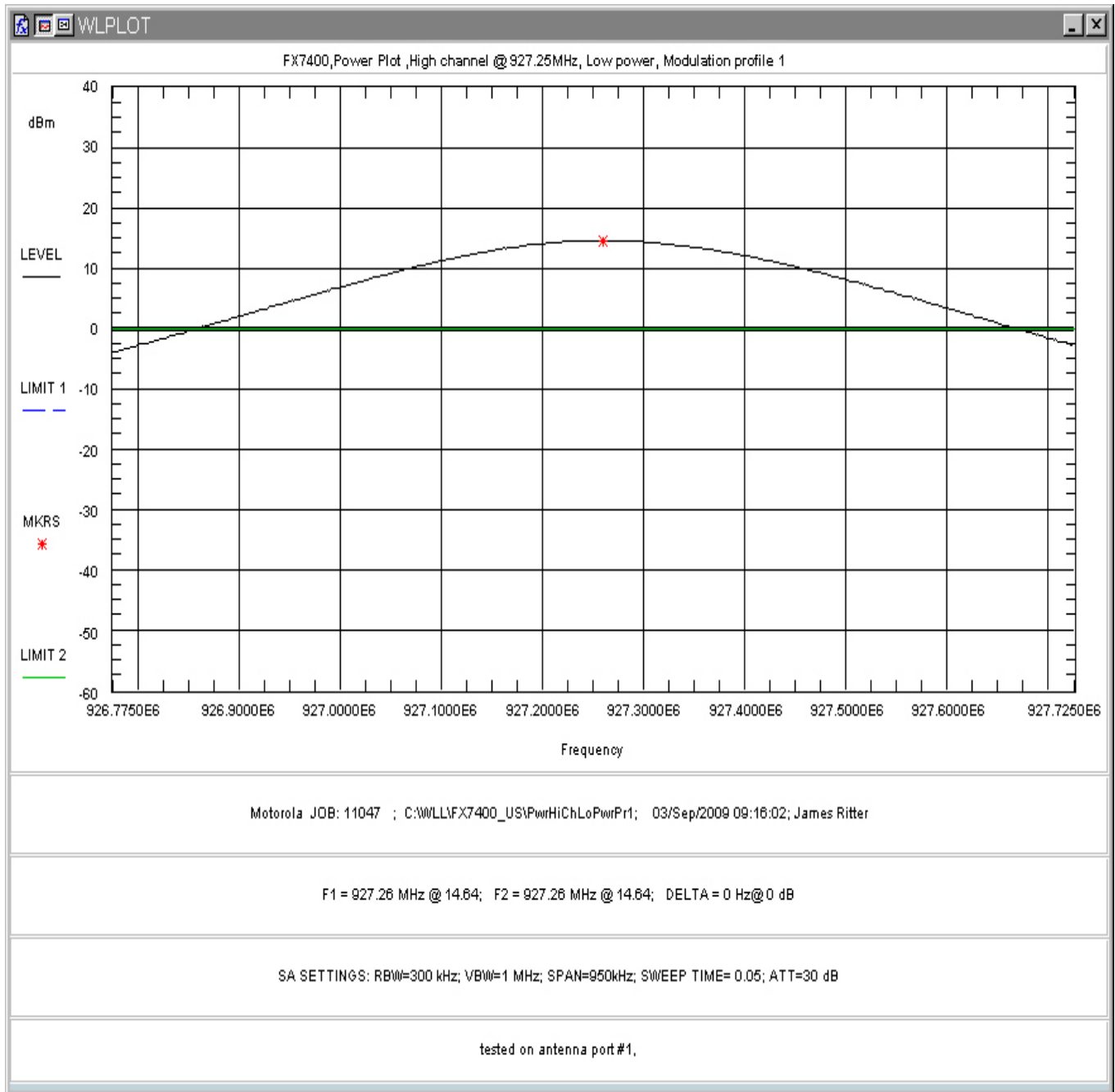


Figure 67: RF Peak Power, High Channel, Low Power, Modulation Profile 1

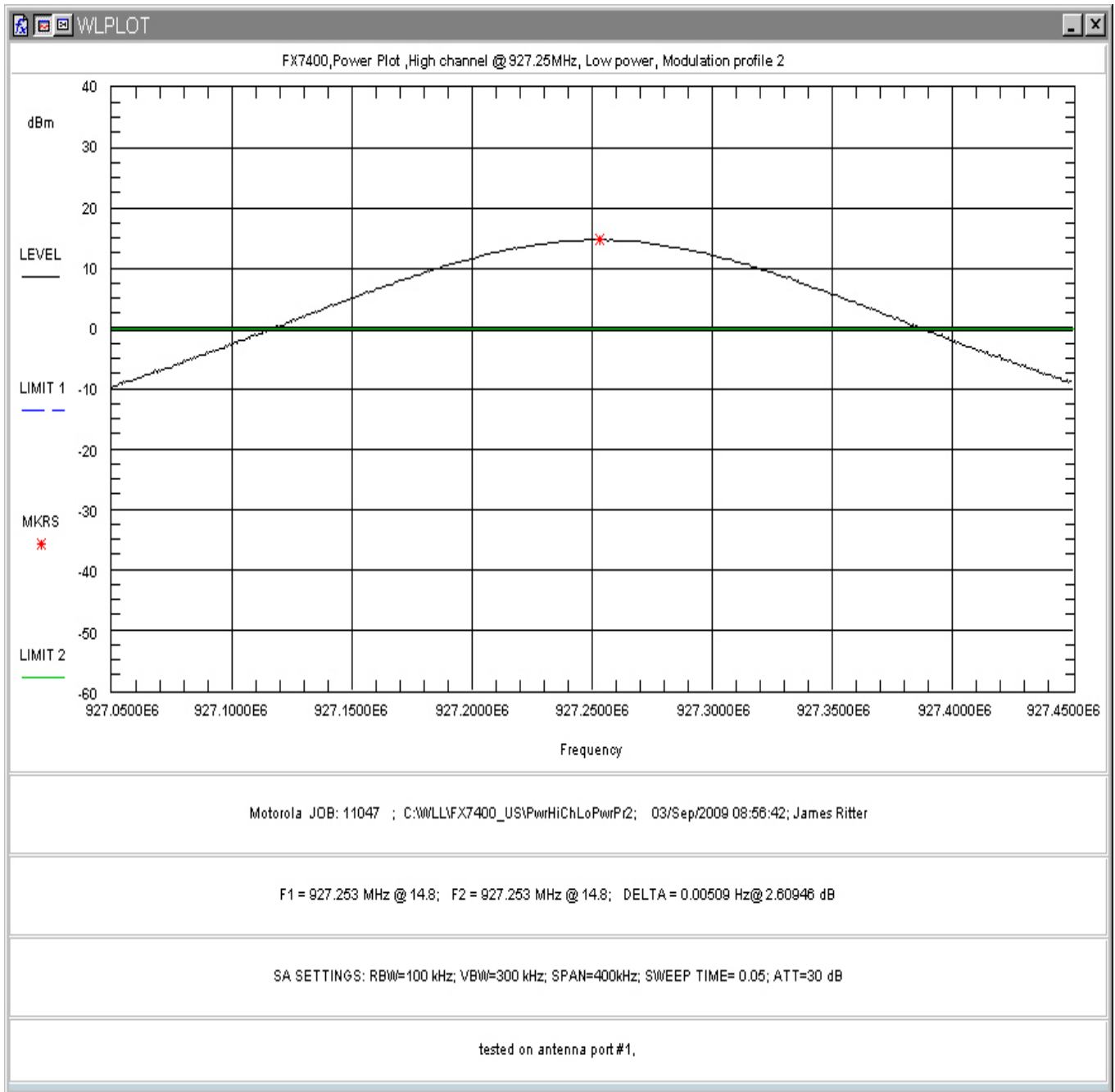


Figure 68: RF Peak Power, High Channel, Low Power, Modulation Profile 2

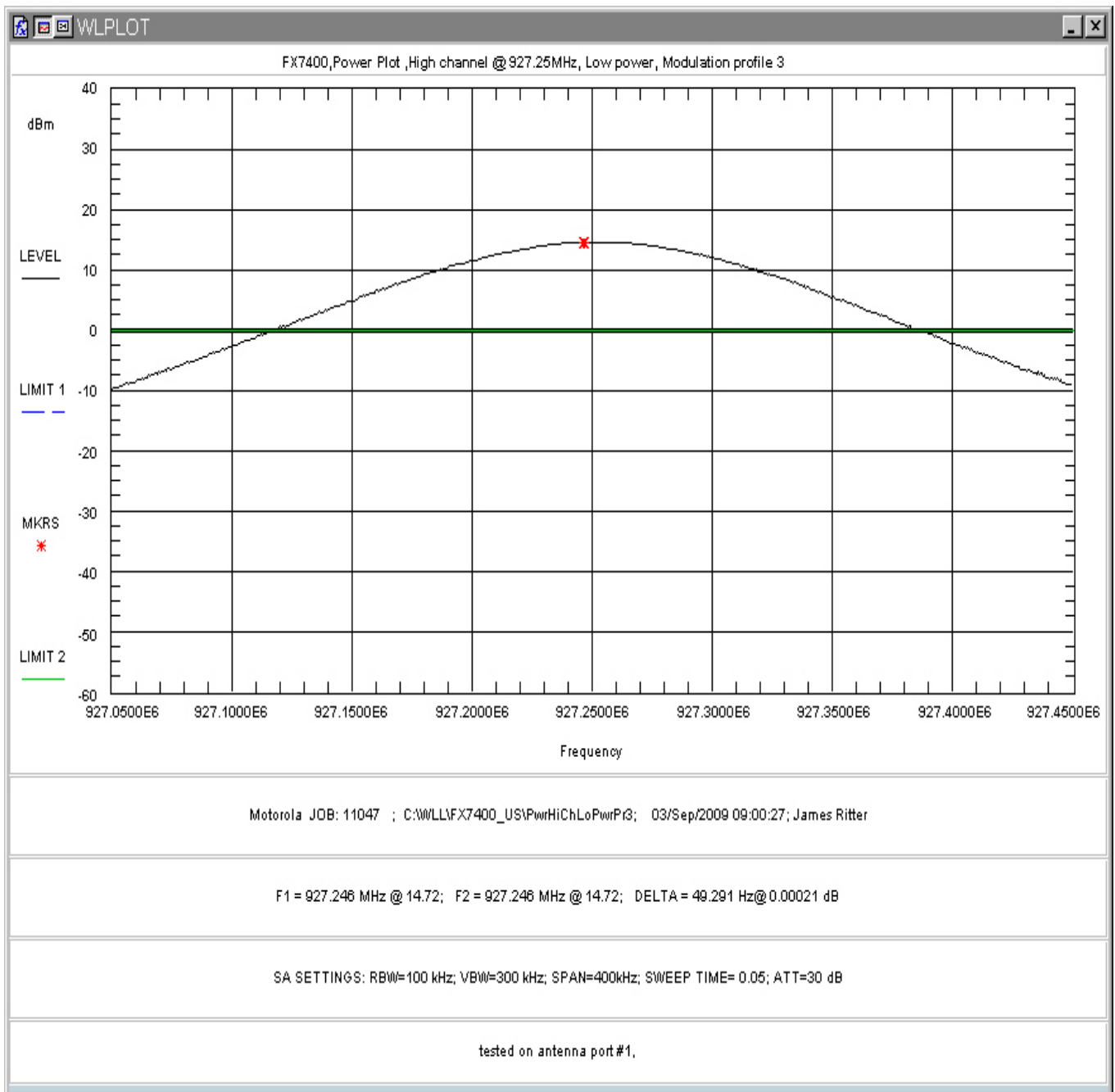


Figure 69: RF Peak Power, High Channel, Low Power, Modulation Profile 3

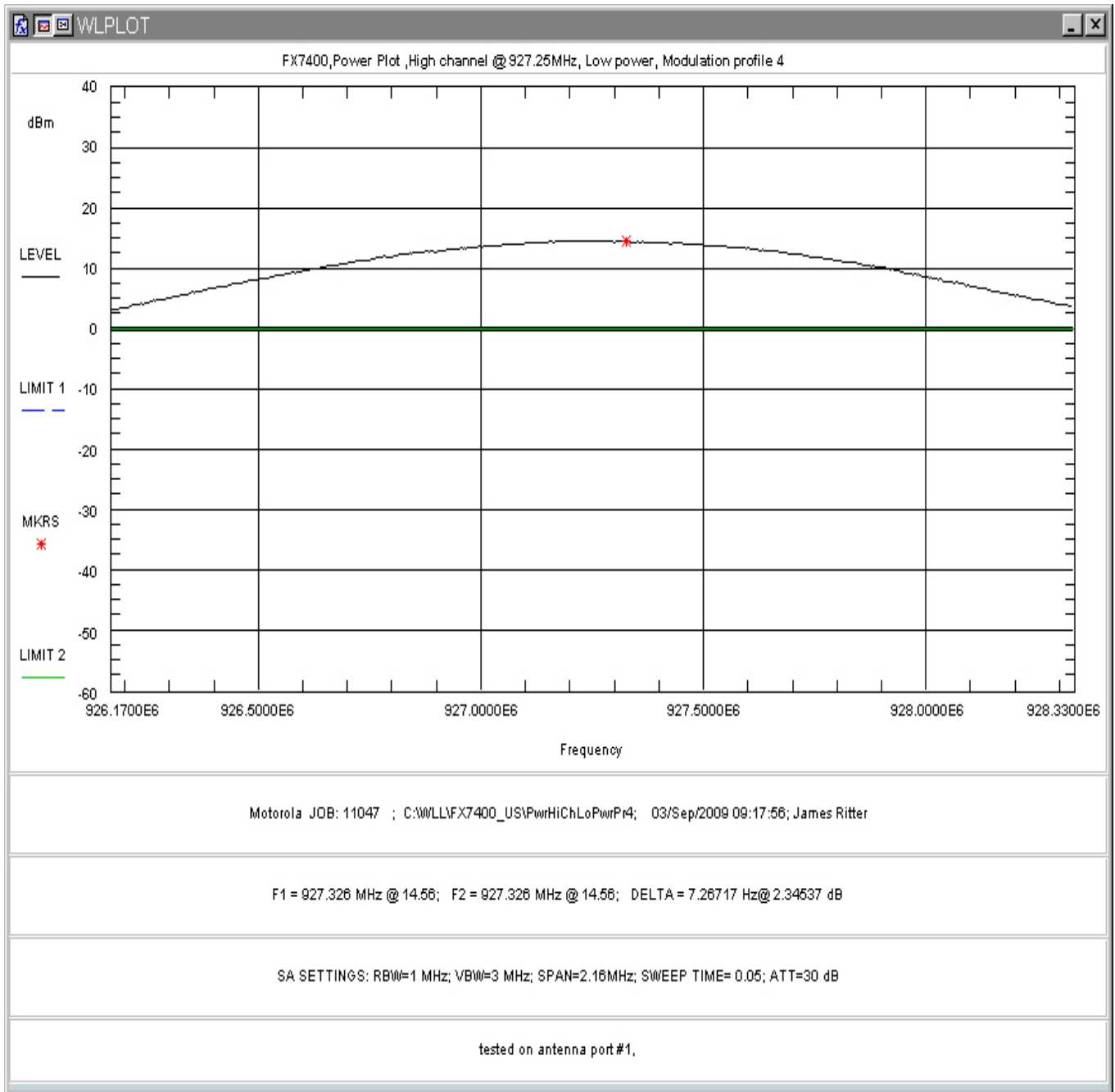


Figure 70: RF Peak Power, High Channel, Low Power, Modulation Profile 4

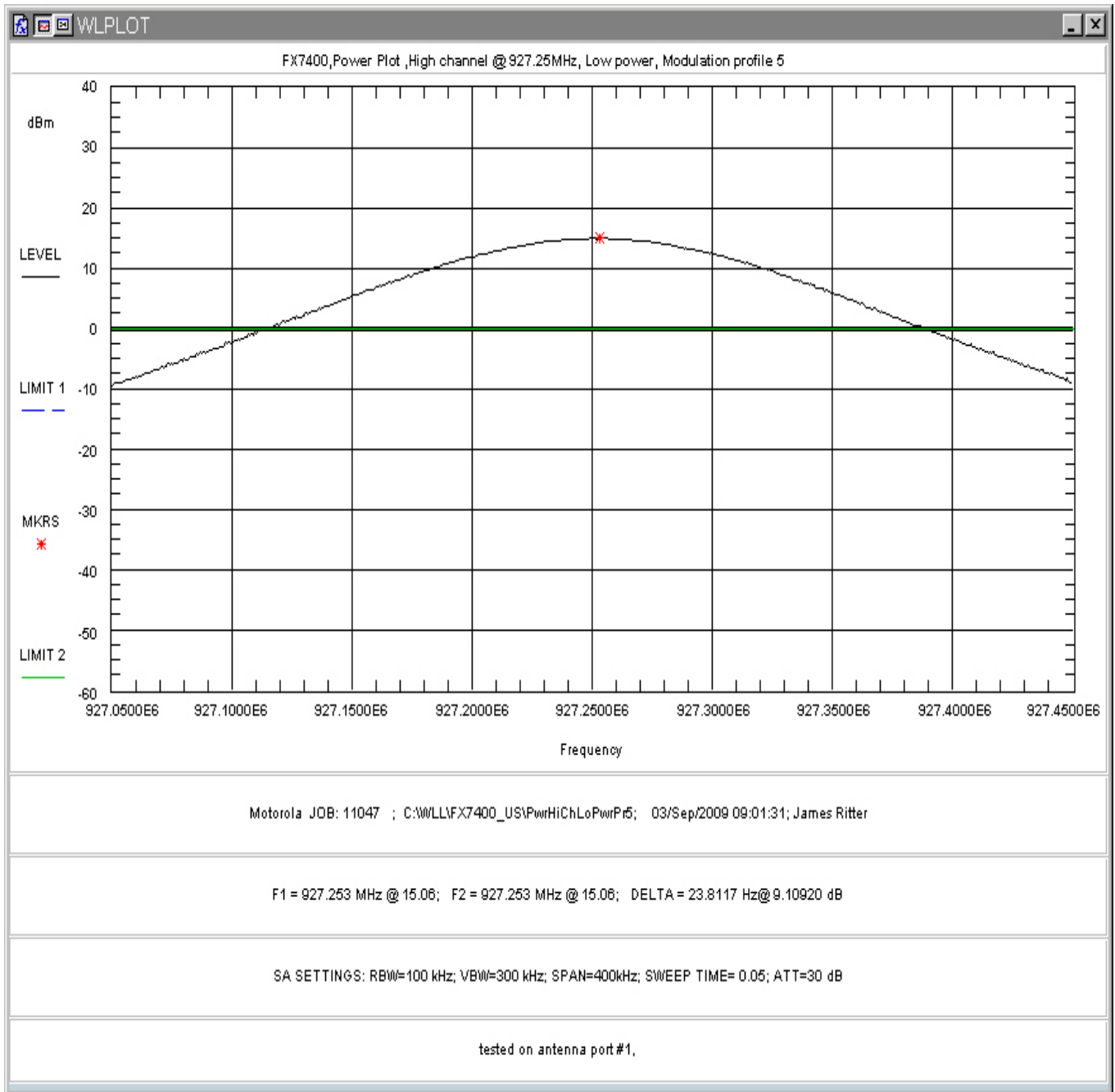


Figure 71: RF Peak Power, High Channel, Low Power, Modulation Profile 5

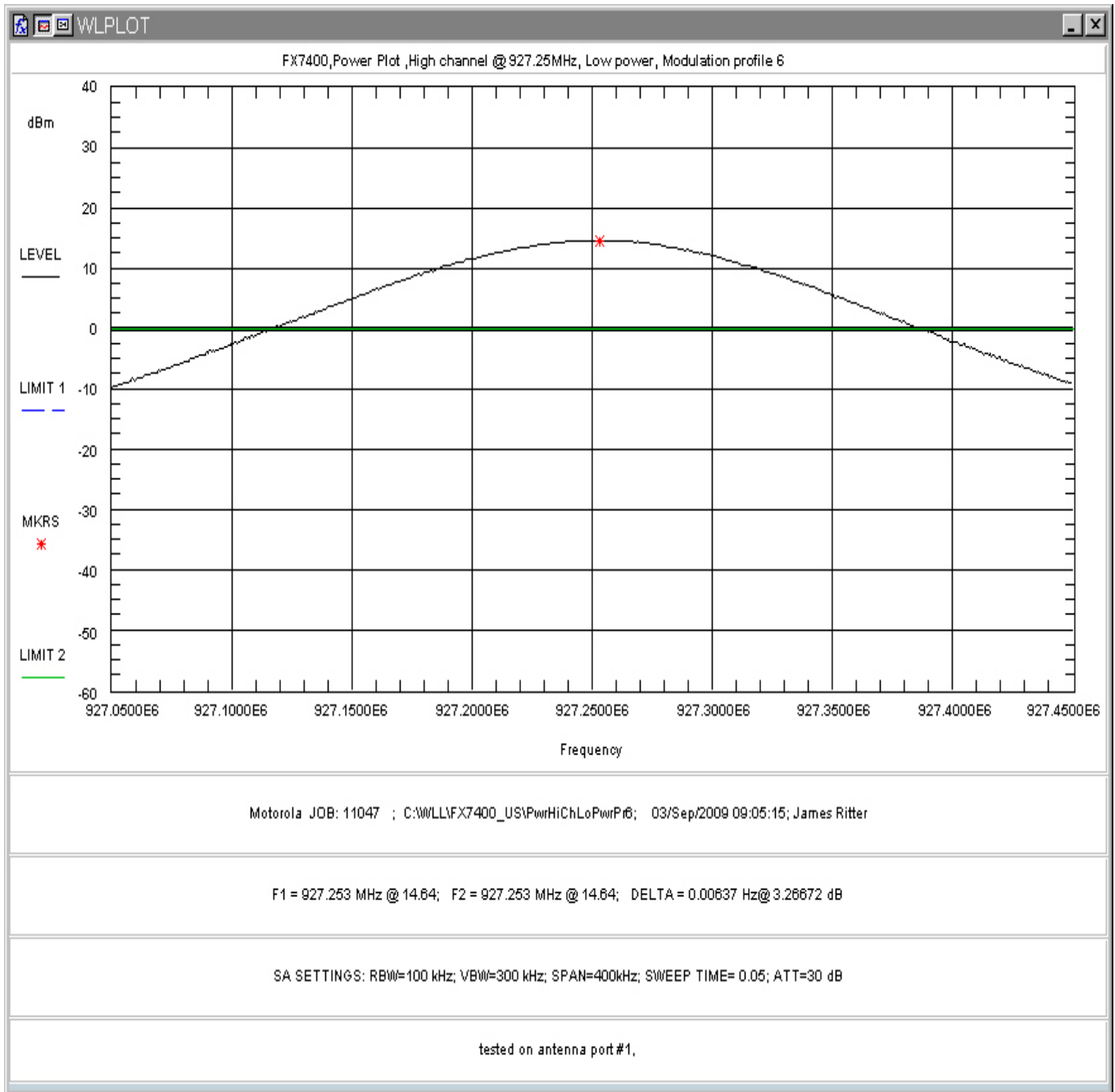


Figure 72: RF Peak Power, High Channel, Low Power, Modulation Profile 6

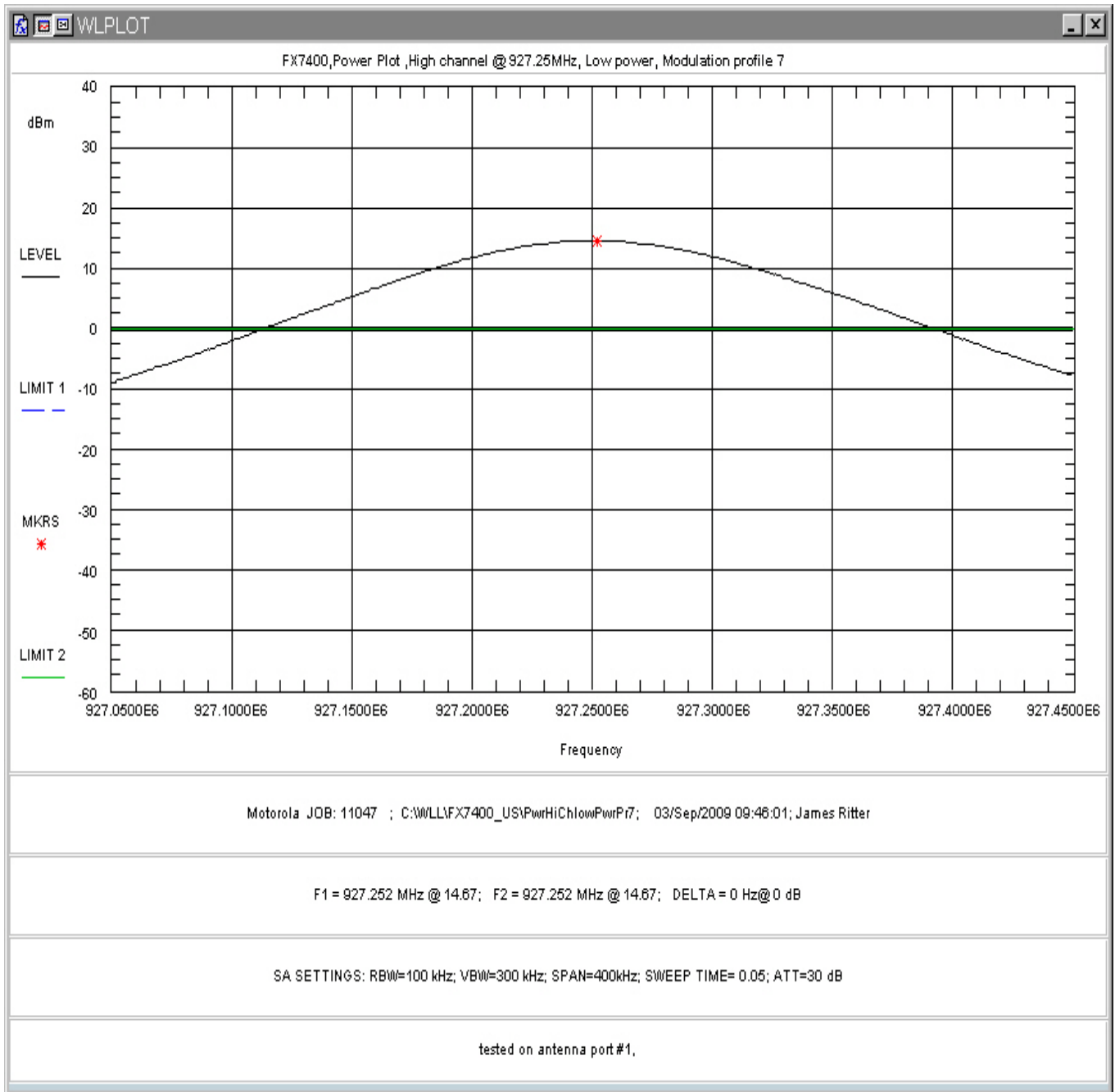


Figure 73: RF Peak Power, High Channel, Low Power, Modulation Profile 7

Appendix A2 20dB Power Plots

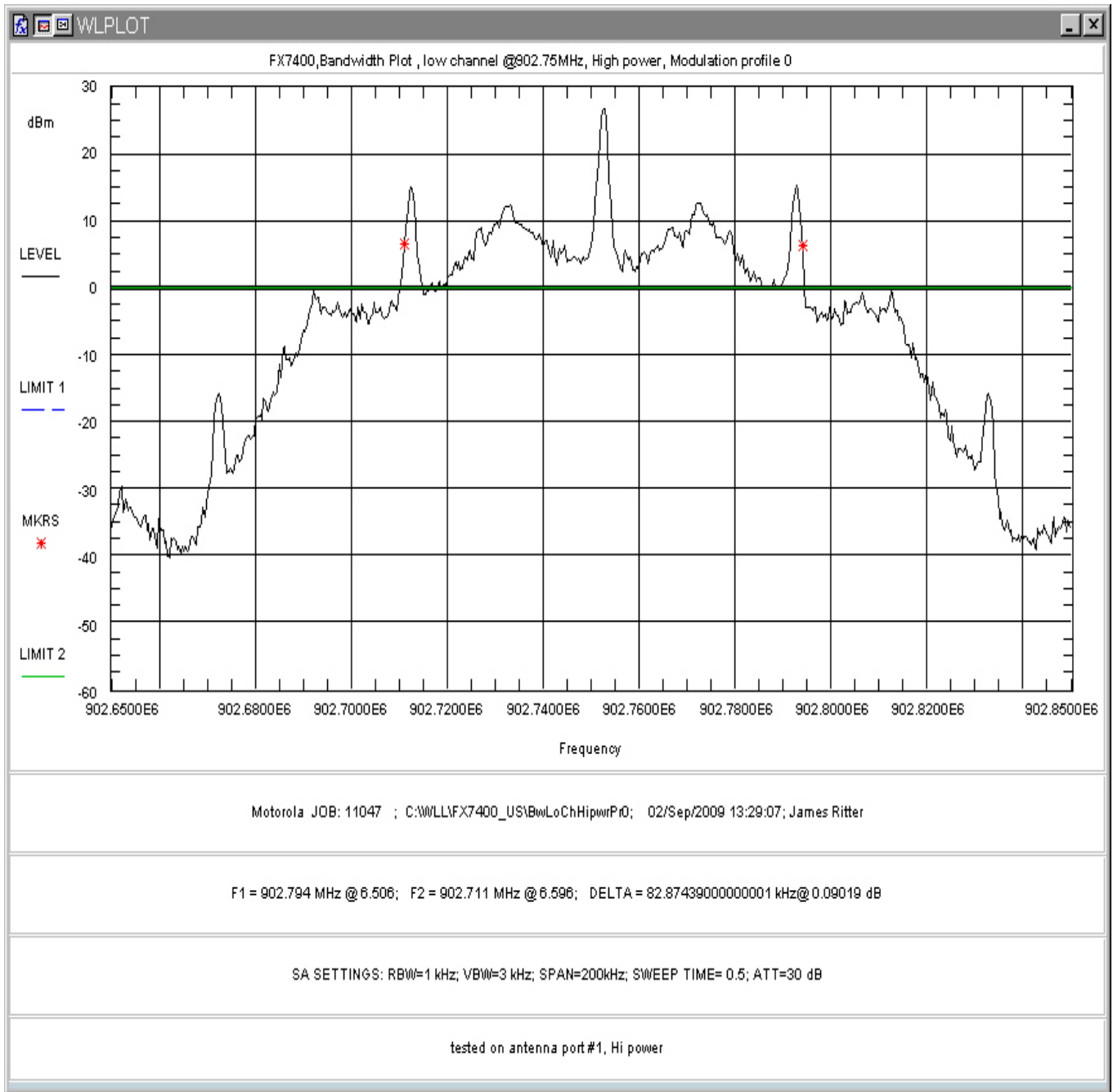


Figure 74: Occupied Bandwidth, Low Channel, Modulation Profile 0

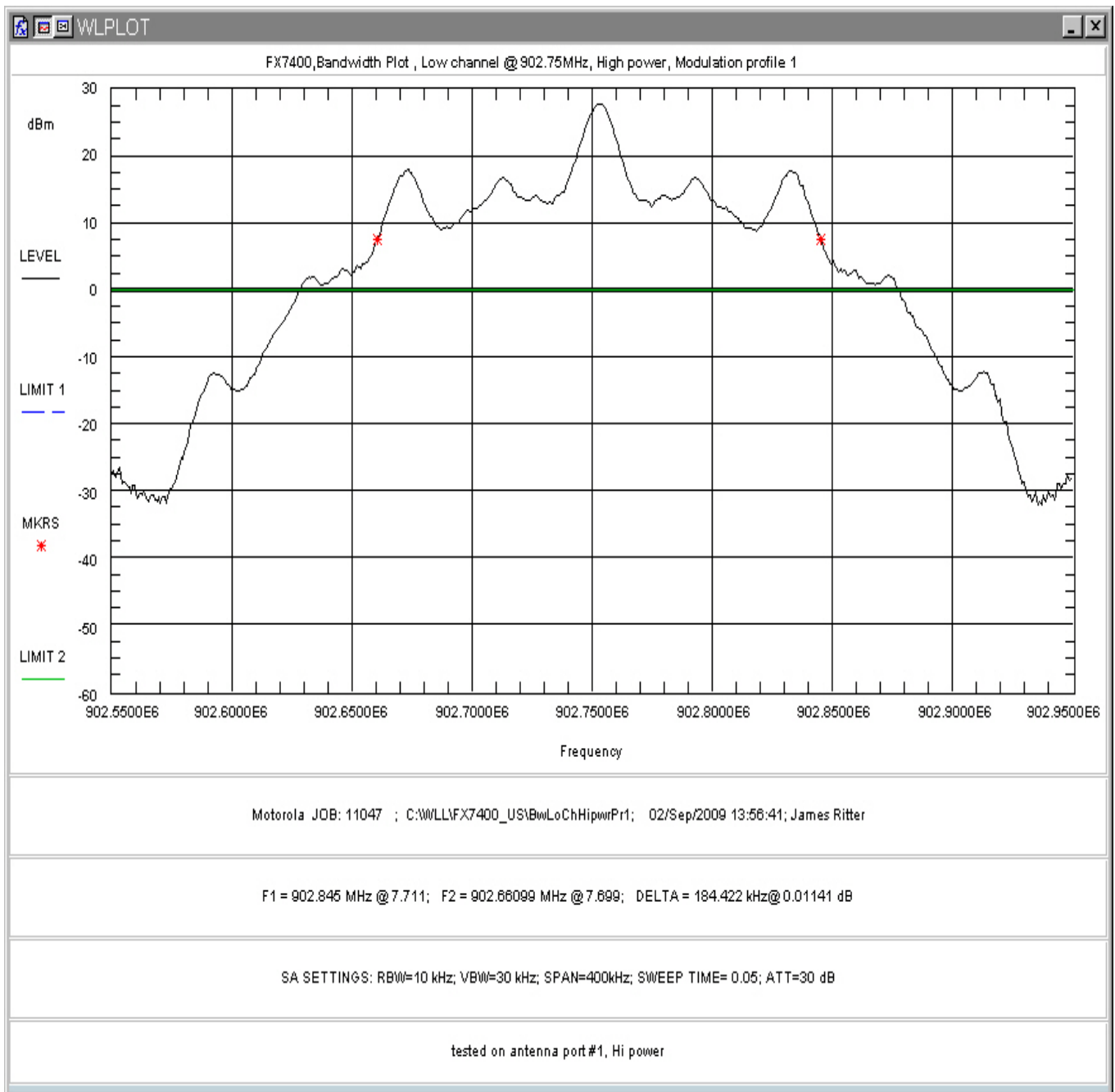


Figure 75: Occupied Bandwidth, Low Channel, Modulation Profile 1

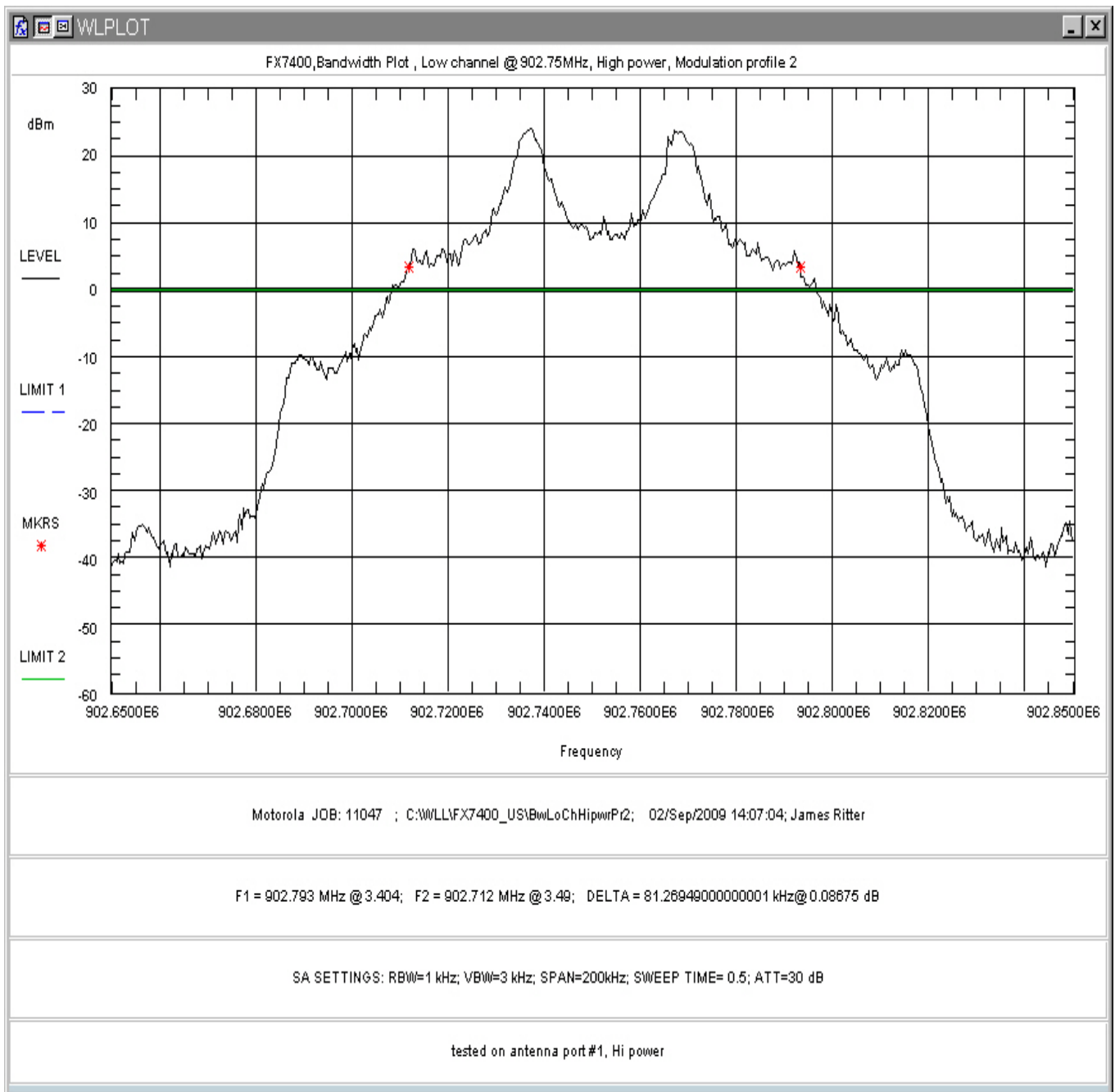


Figure 76: Occupied Bandwidth, Low Channel, Modulation Profile 2

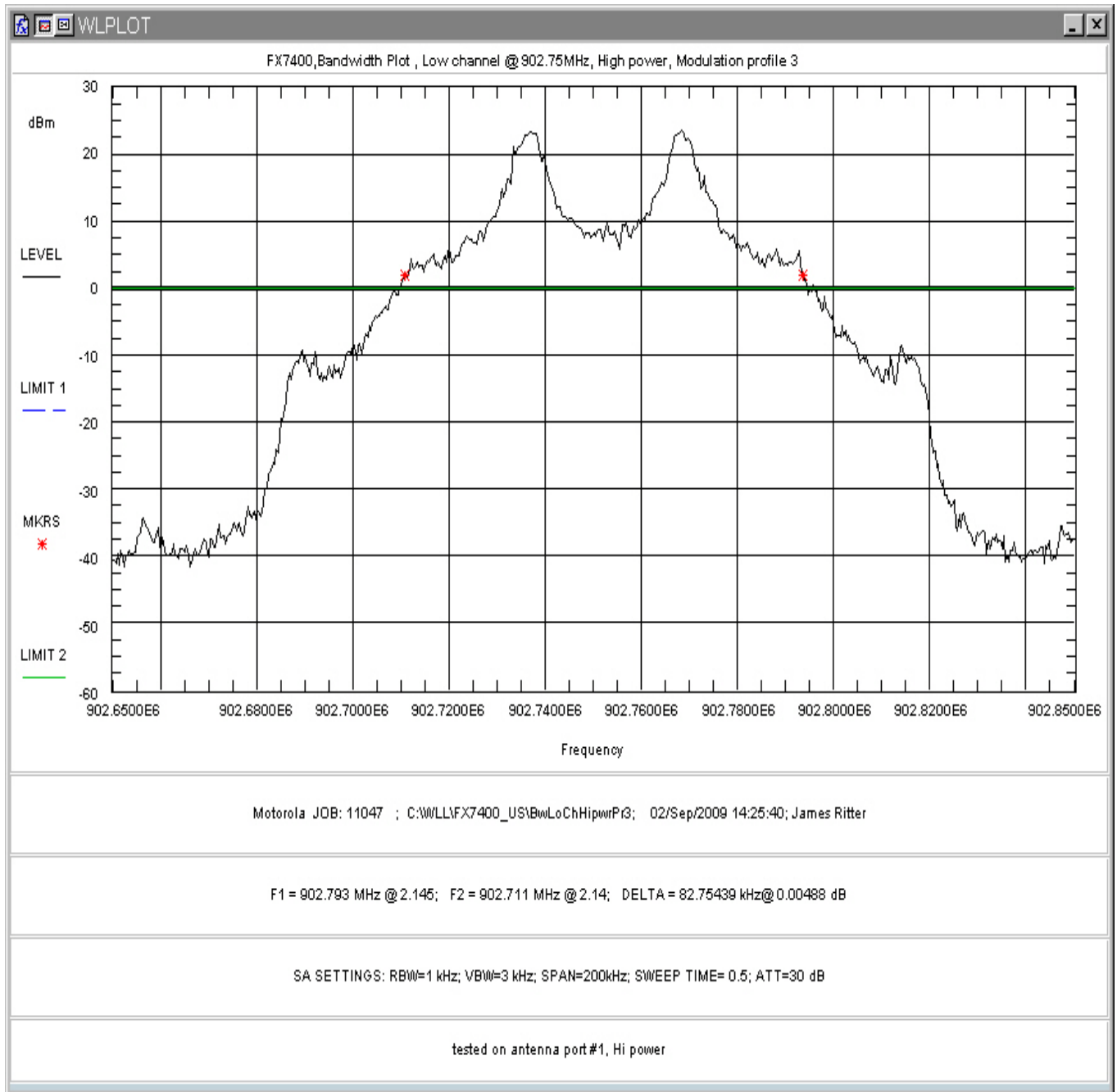


Figure 77: Occupied Bandwidth, Low Channel, Modulation Profile 3