5.8 GHz

OFDM : 802.11a(6 Mbps)
Low Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dBm) = Spurious offset (dB) + Reading values (dBm)

Frequency (MHz)	offset (dB)	Reading values (dBm)	Result (dBm)
5 725.00	23.49	-66.65	-43.16
7 659.87	23.90	-65.44	-41.54
20 394.73	-	Noise level	-
38 234.60	-	Noise level	-

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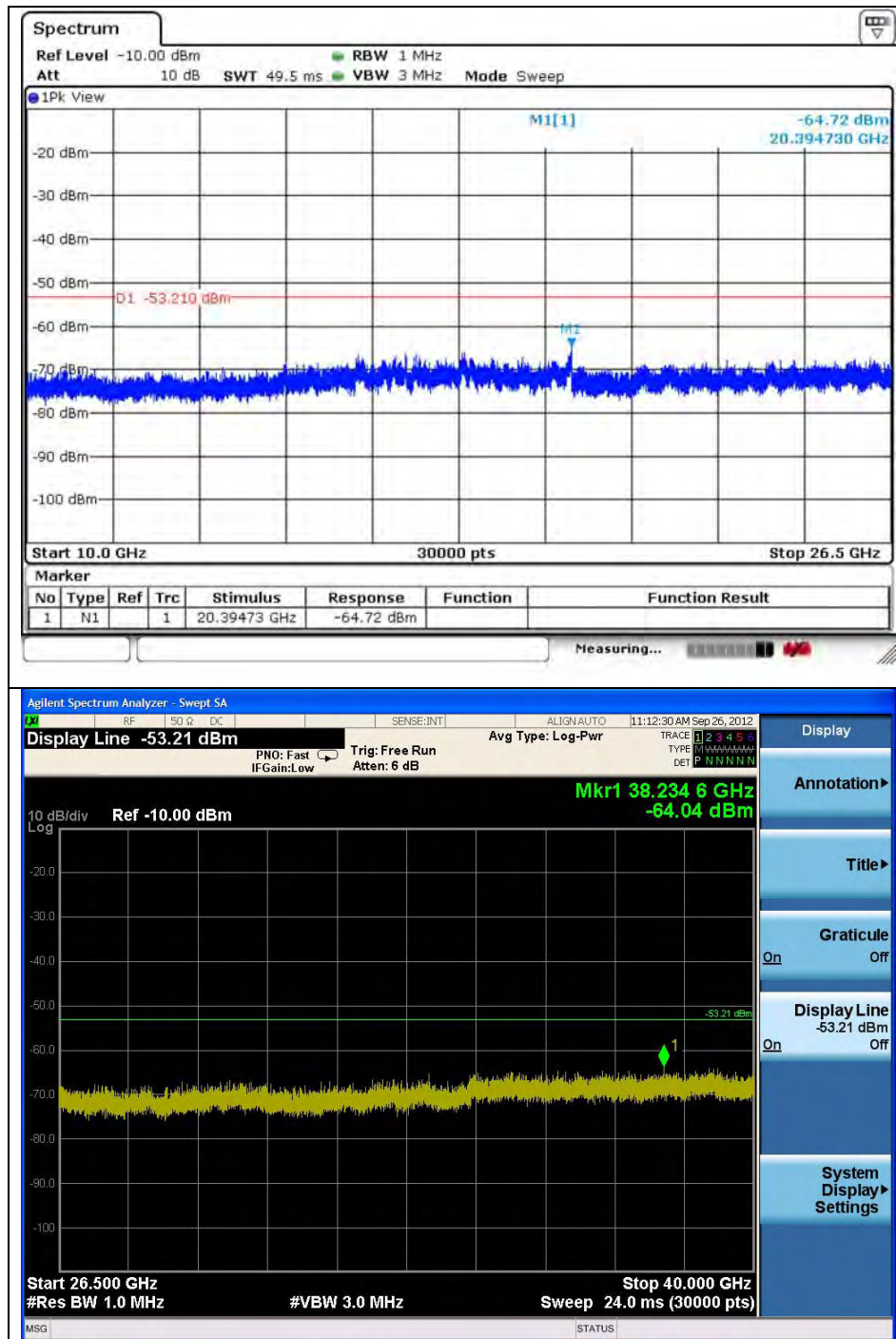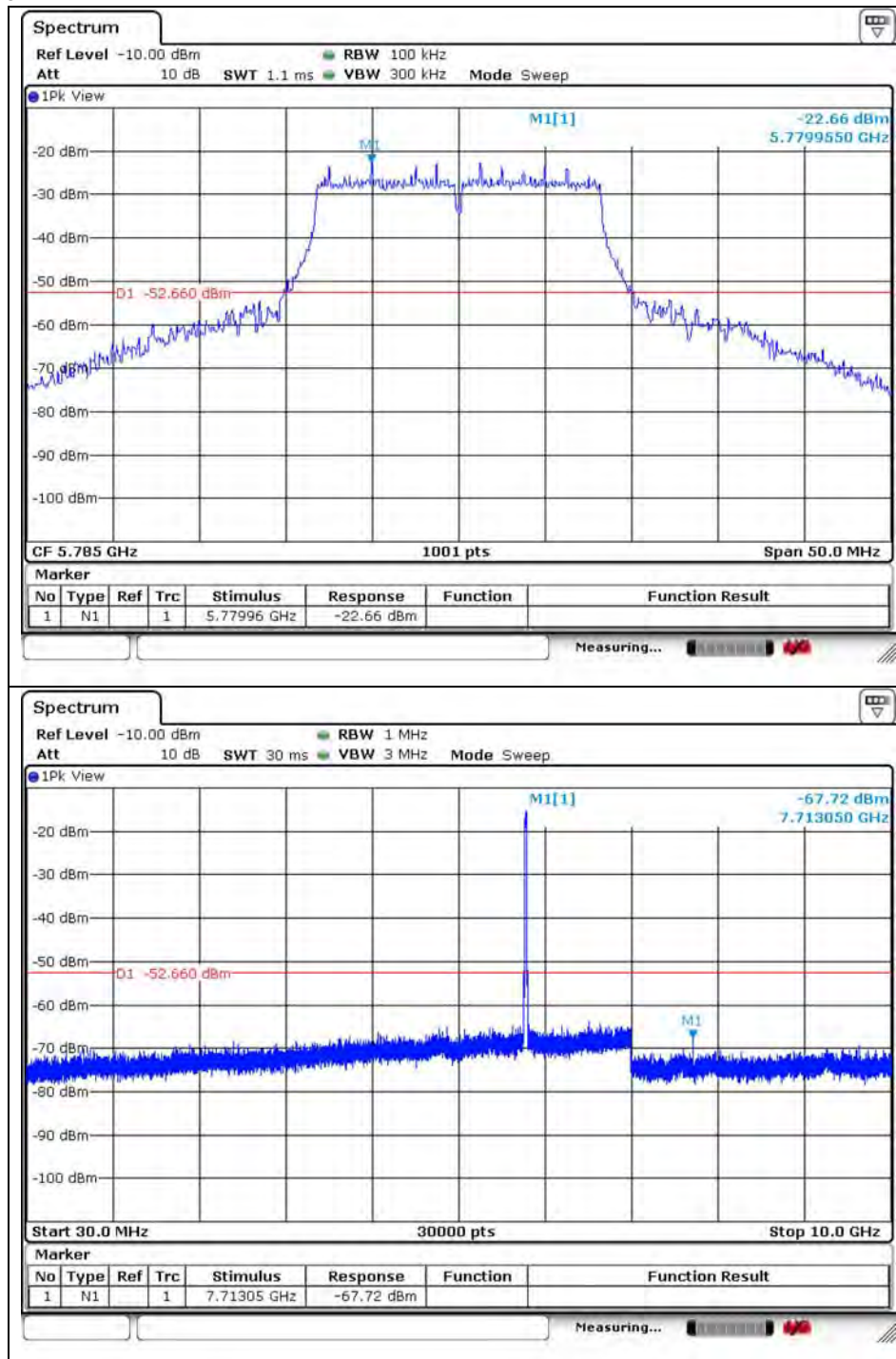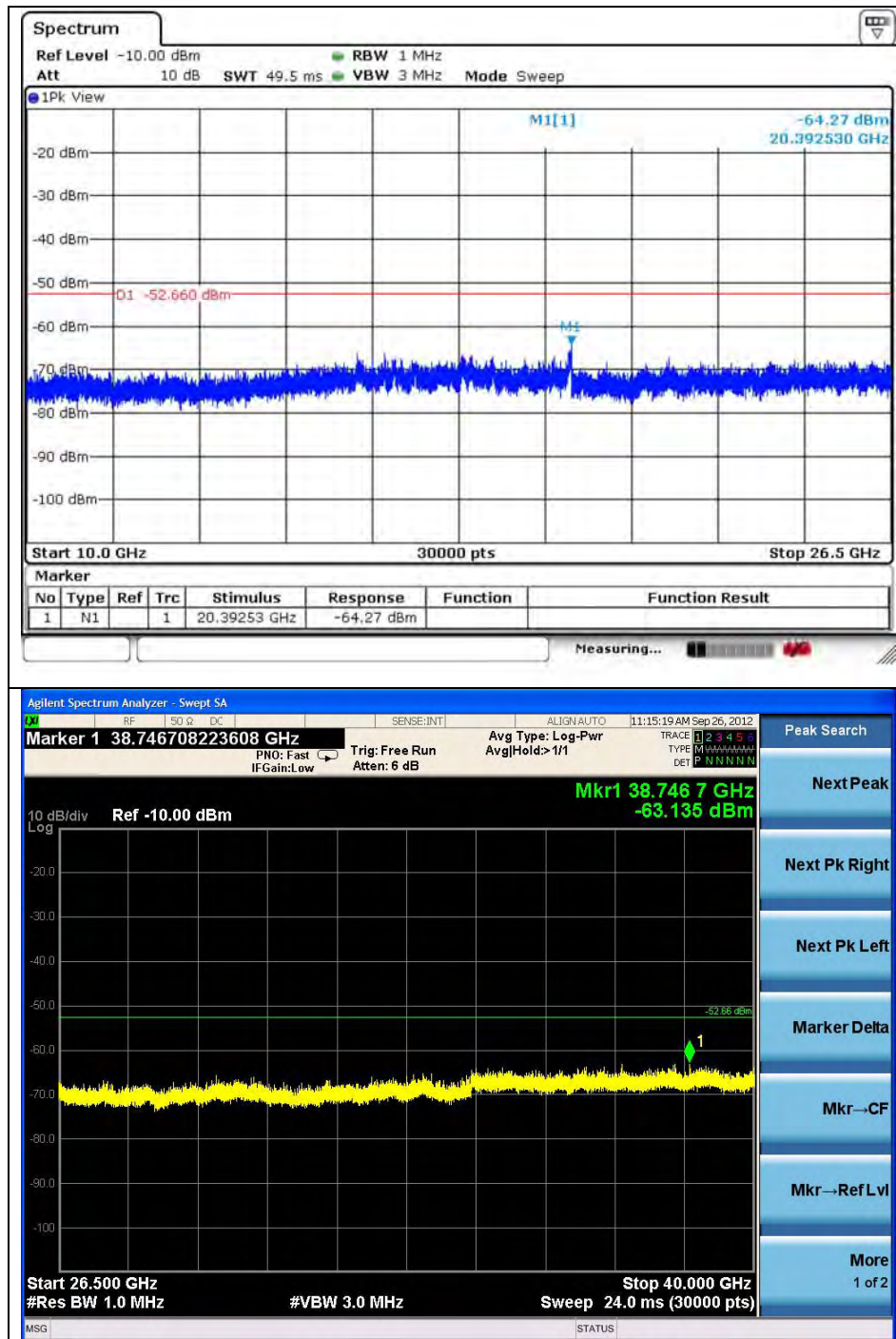Middle Channel

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Note:
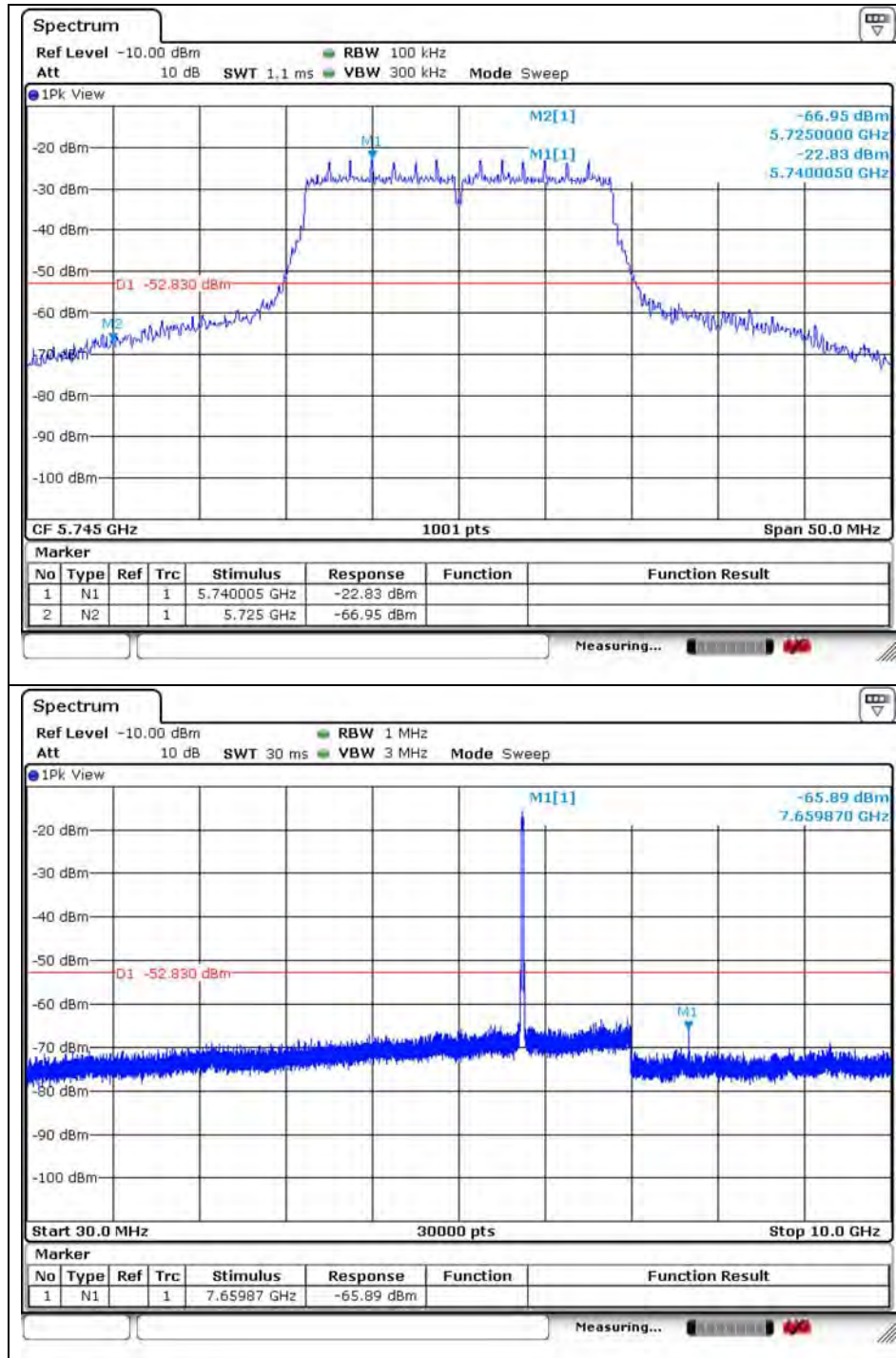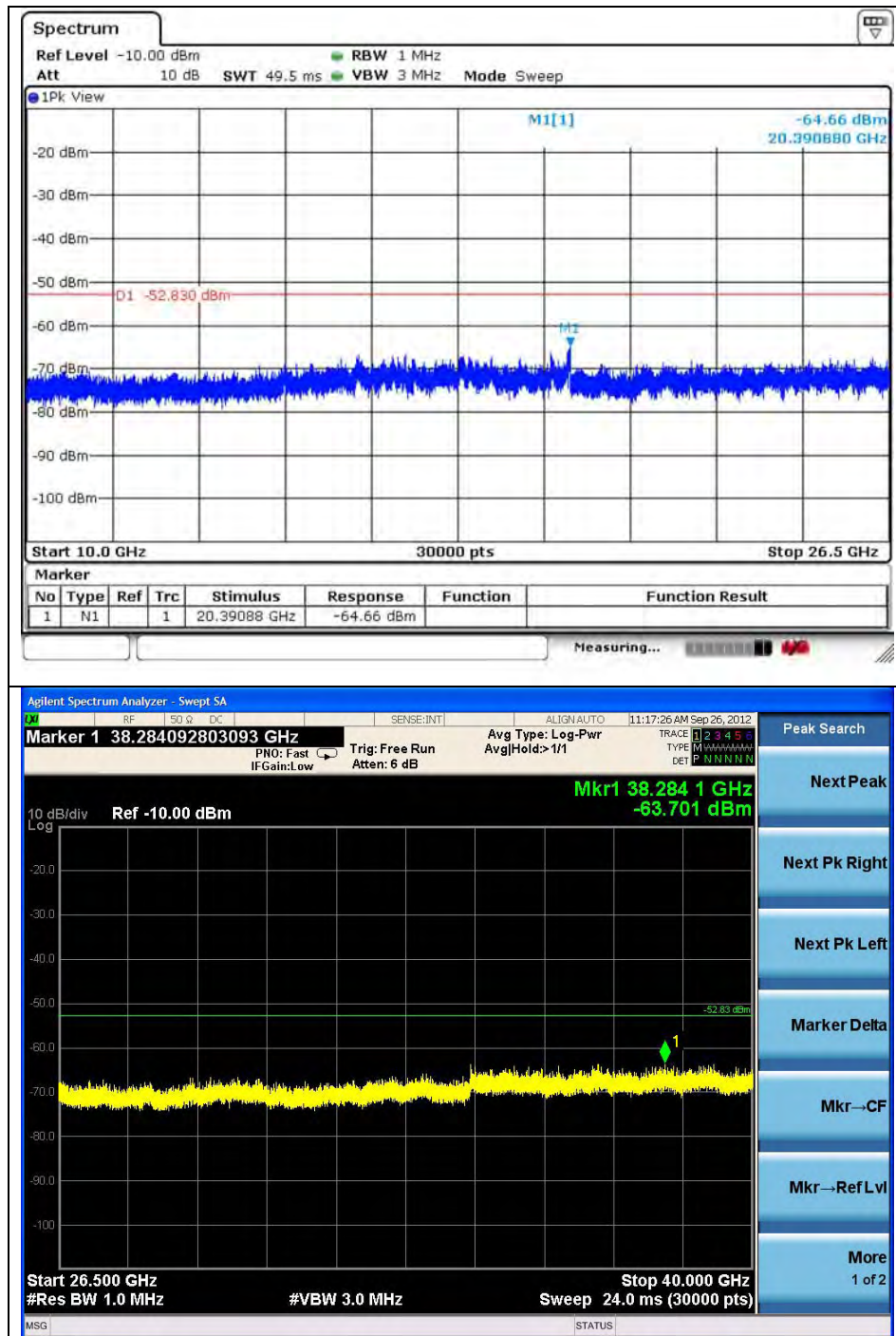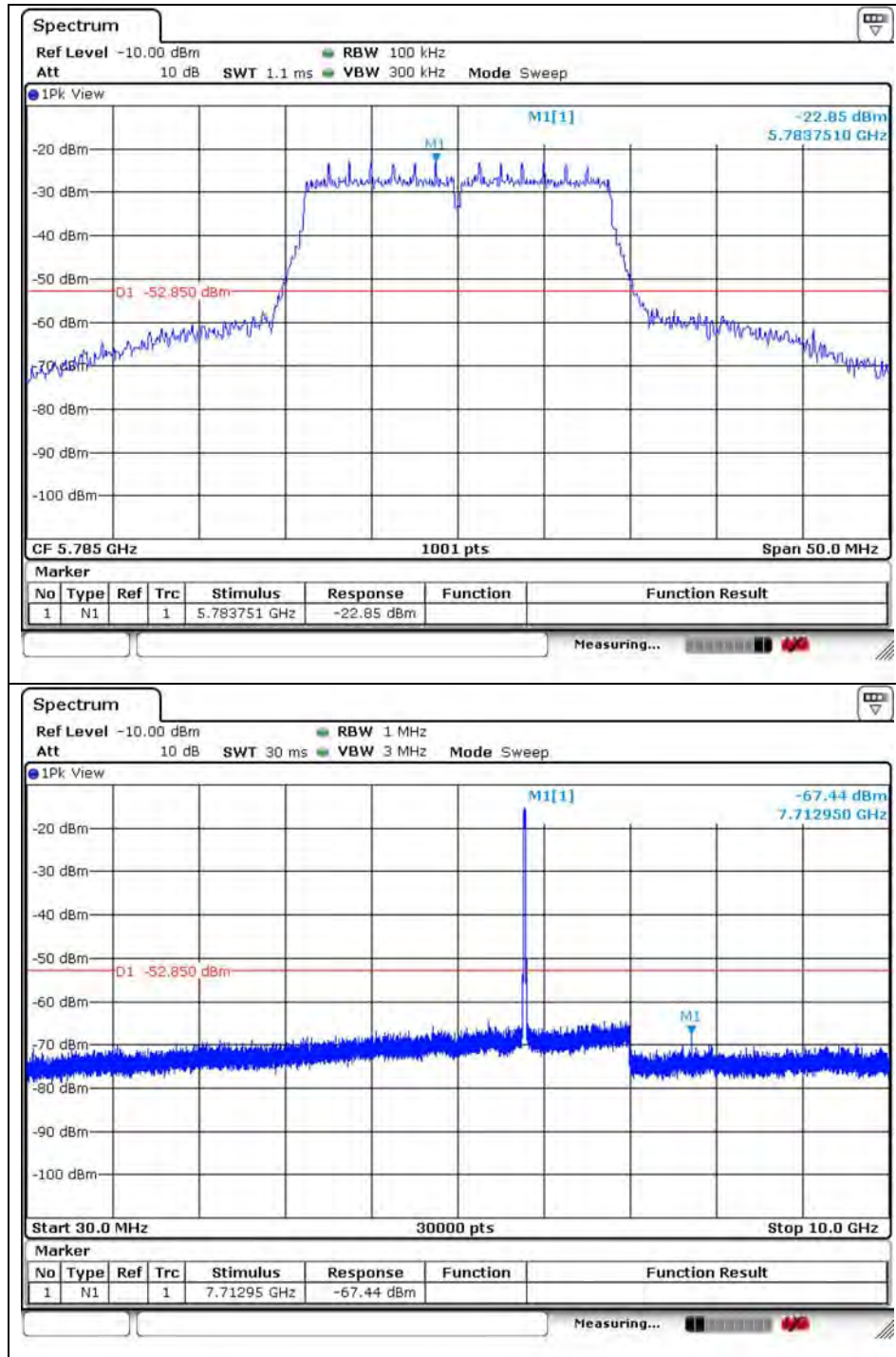
Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dBm) = Spurious offset (dB) + Reading values (dBm)

Frequency (MHz)	offset (dB)	Reading values (dBm)	Result (dBm)
7 713.05	23.91	-67.72	-43.81
20 392.53	-	Noise level	-
38 746.70	-	Noise level	-

High Channel
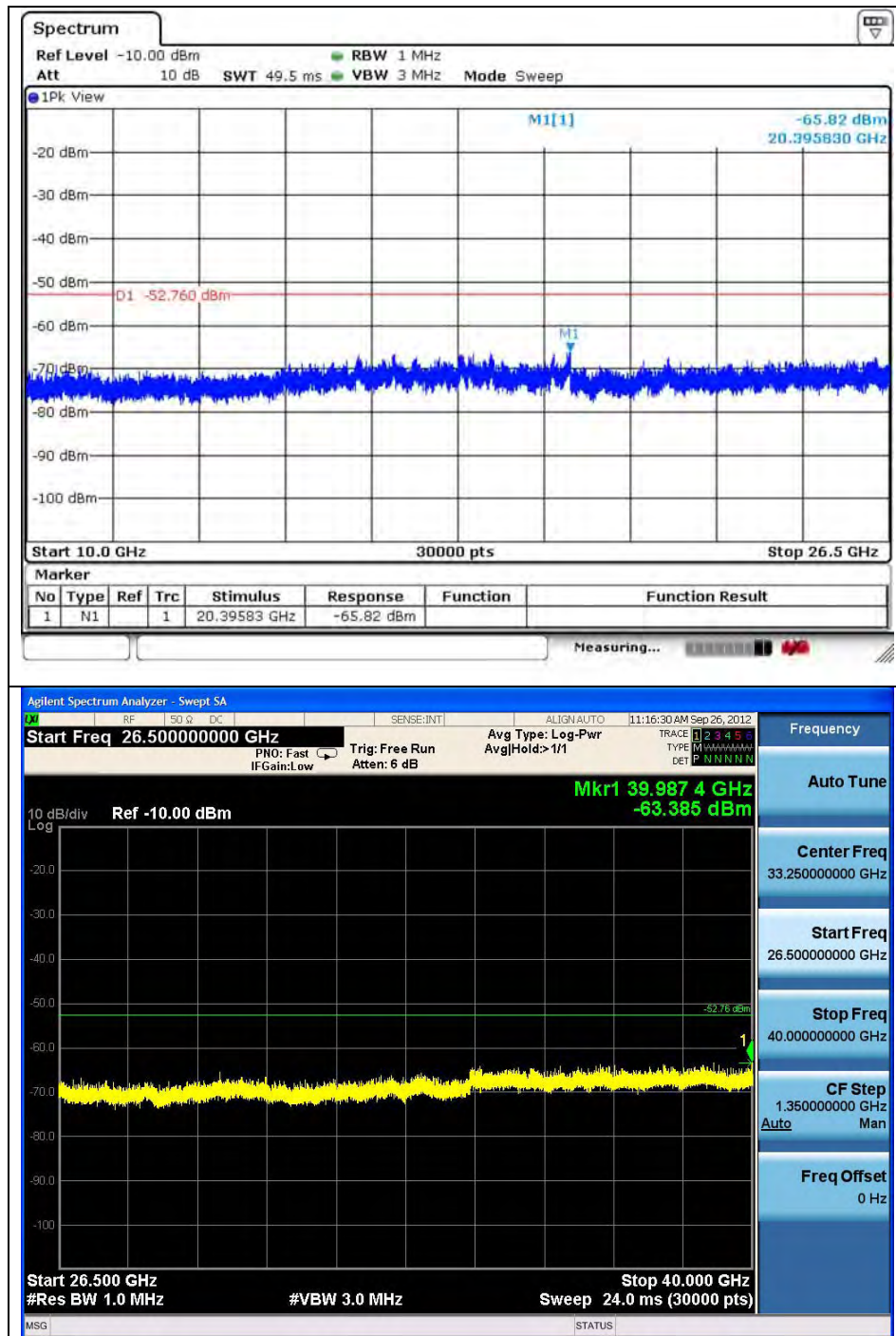
Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dBm) = Spurious offset (dB) + Reading values (dBm)

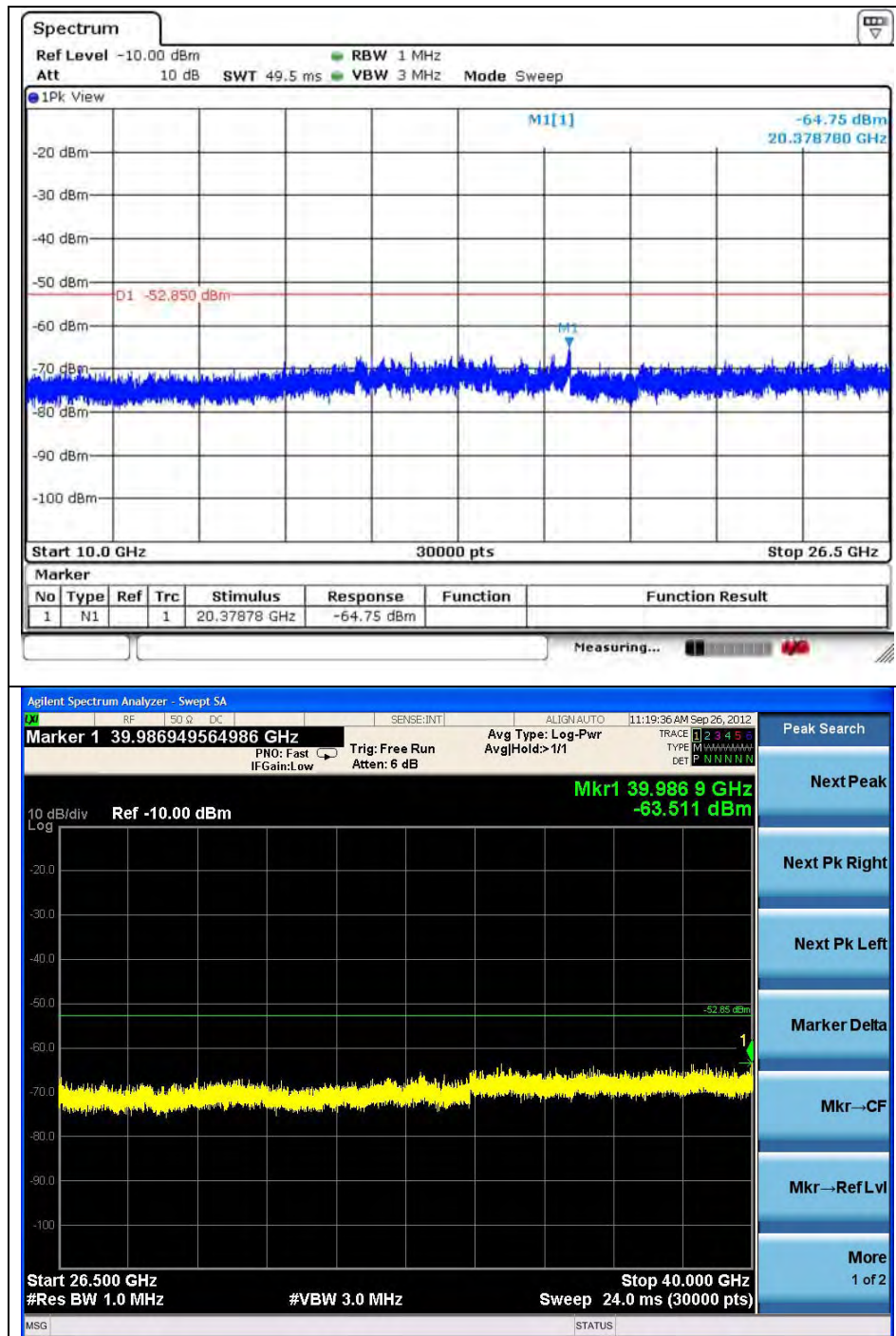| Frequency (MHz)	offset (dB)	Reading values (dBm)	Result (dBm)
5 850.00	23.82	-74.80	-50.98
7 769.86	-	Noise level	
20 395.83	-	Noise level	-
39 987.40	-	Noise level	-

OFDM : 802.11n_HT20(MCS0)

Low Channel

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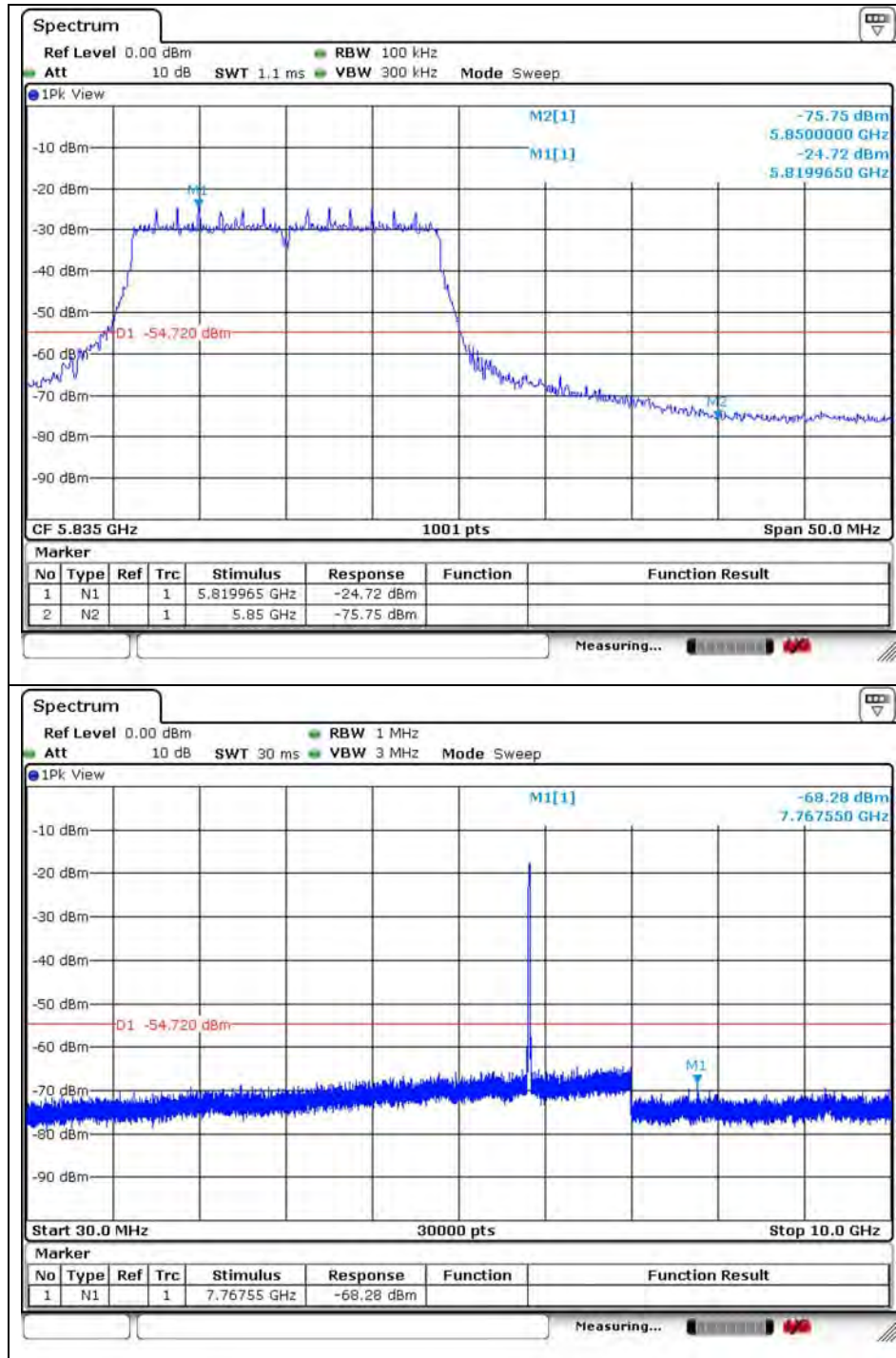
SGS Korea Co., Ltd. (Gunpo Laboratory)   *18-34, Sanbon-dong, Gunpo-si, Gyeonggi-do, Korea, 435-040*

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Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

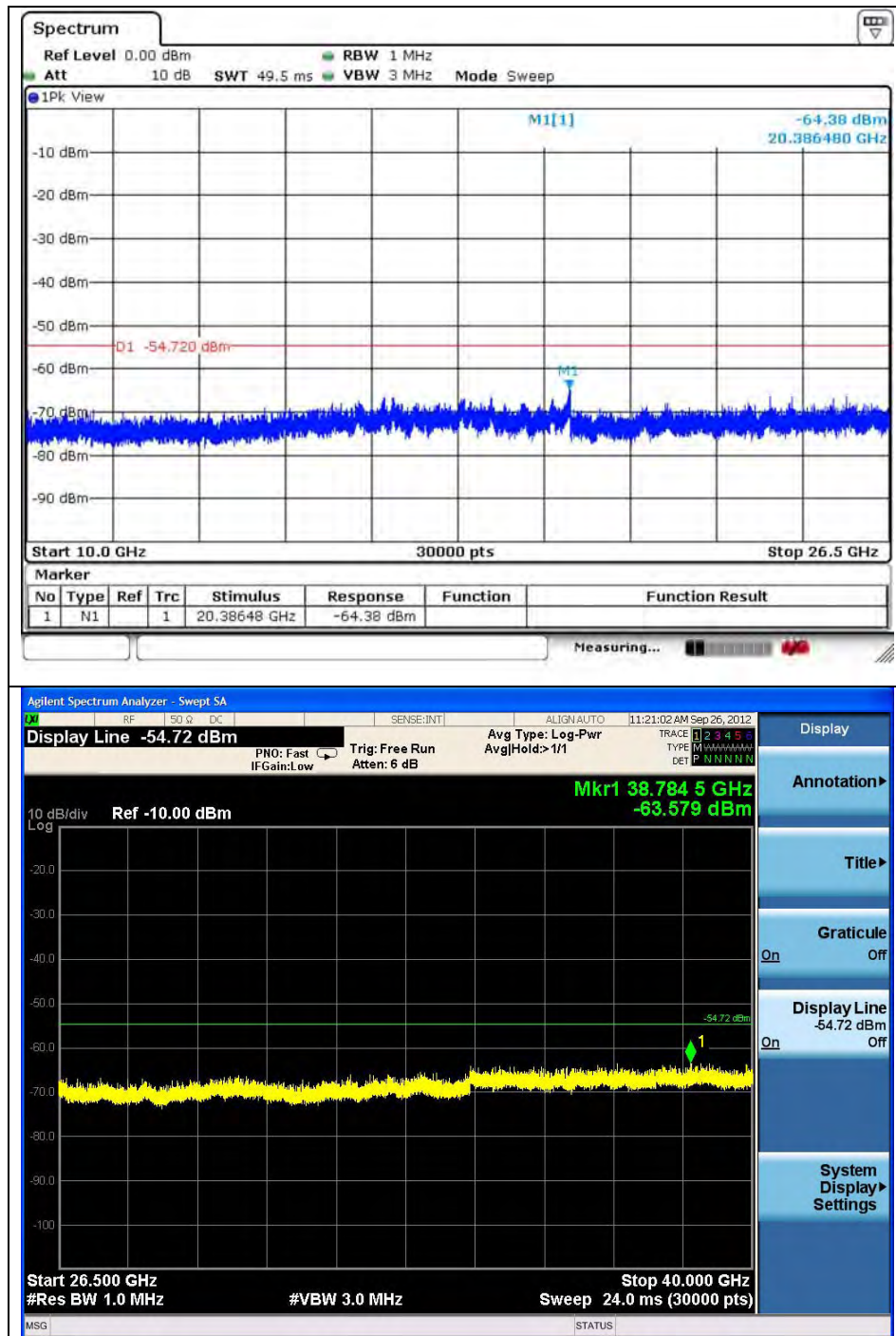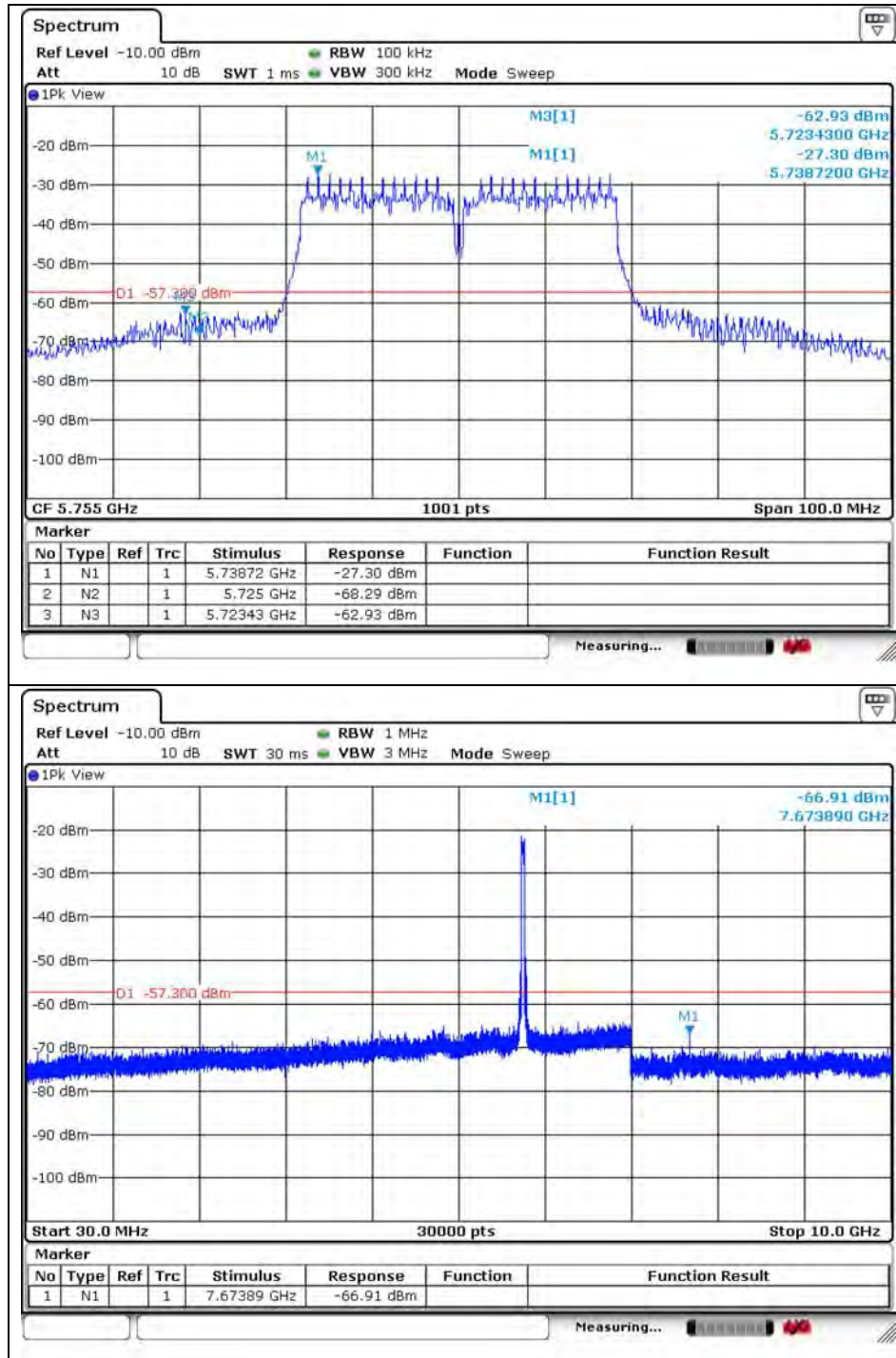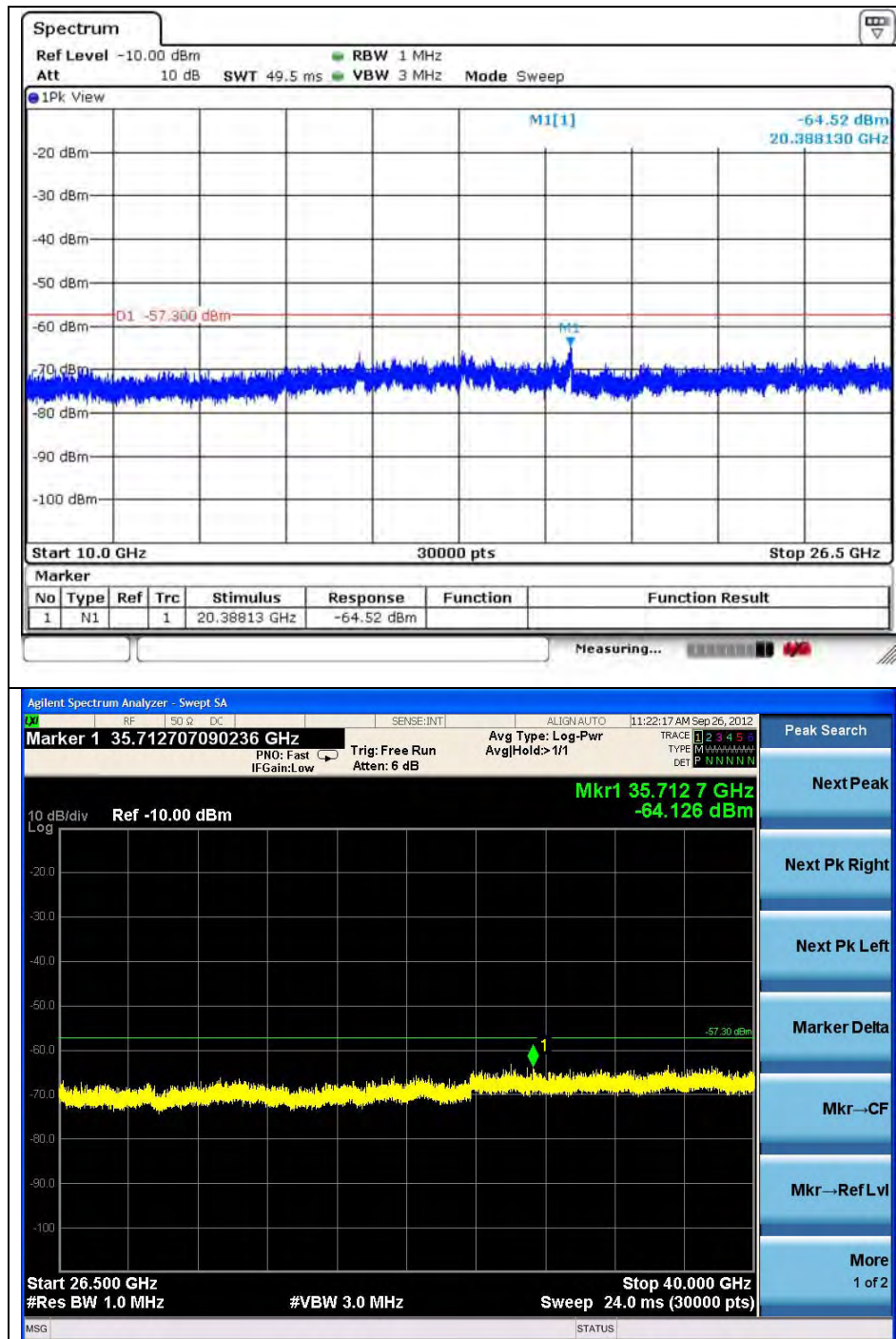Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
5 725.00	23.49	-66.95	-43.46
7 659.87	23.91	-65.89	-41.98
20 390.88	-	Noise level	-
38 284.10	-	Noise level	-

Middle Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dBm) = Spurious offset (dB) + Reading values (dBm)

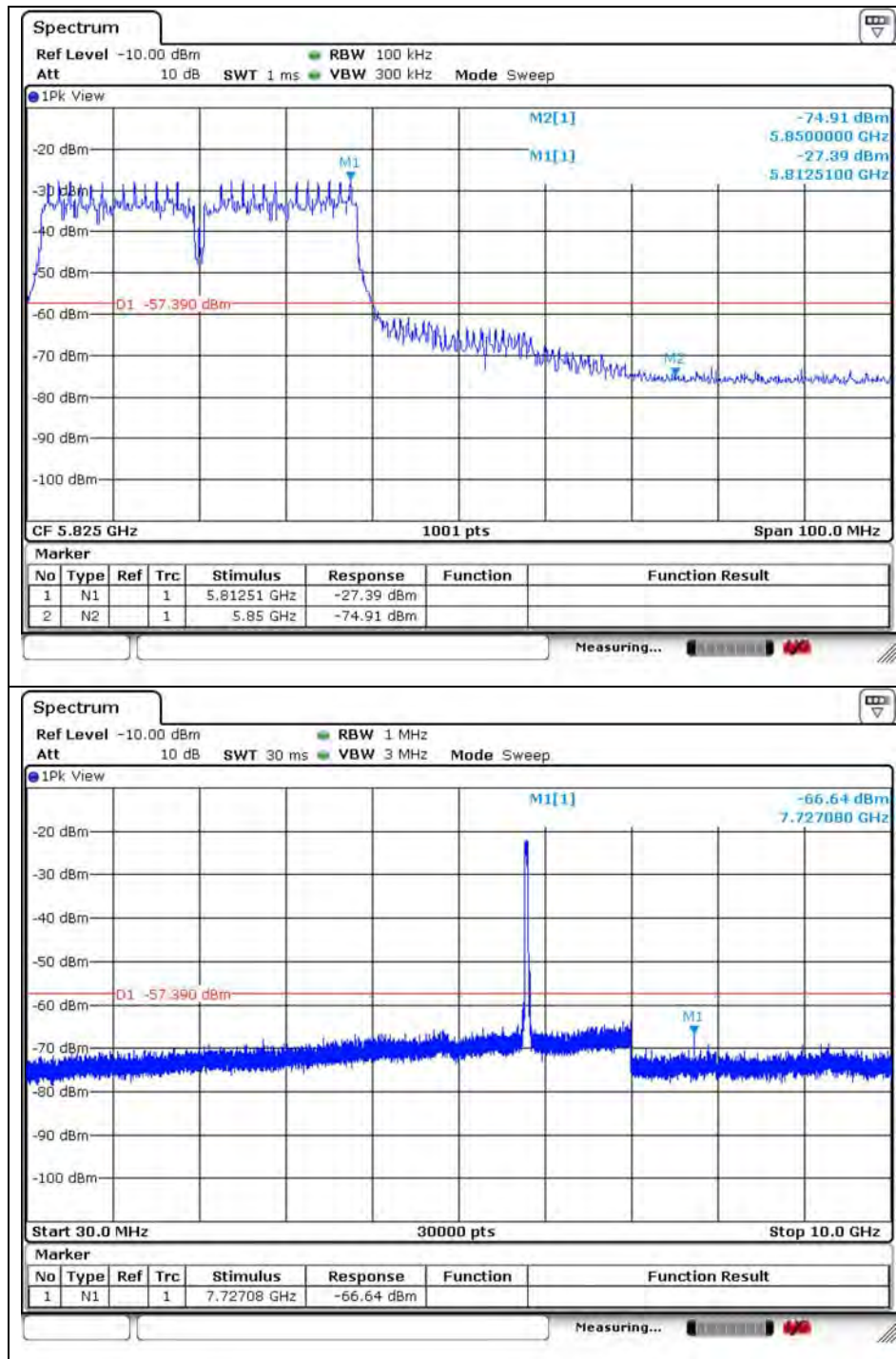| Frequency (MHz)	offset (dB)	Reading values (dBm)	Result (dBm)
7 712.95	23.91	-67.44	-43.53
20 378.78	-	Noise level	-
39 986.90	-	Noise level	-

High Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dB m) = Spurious offset (dB) + Reading values (dB m)

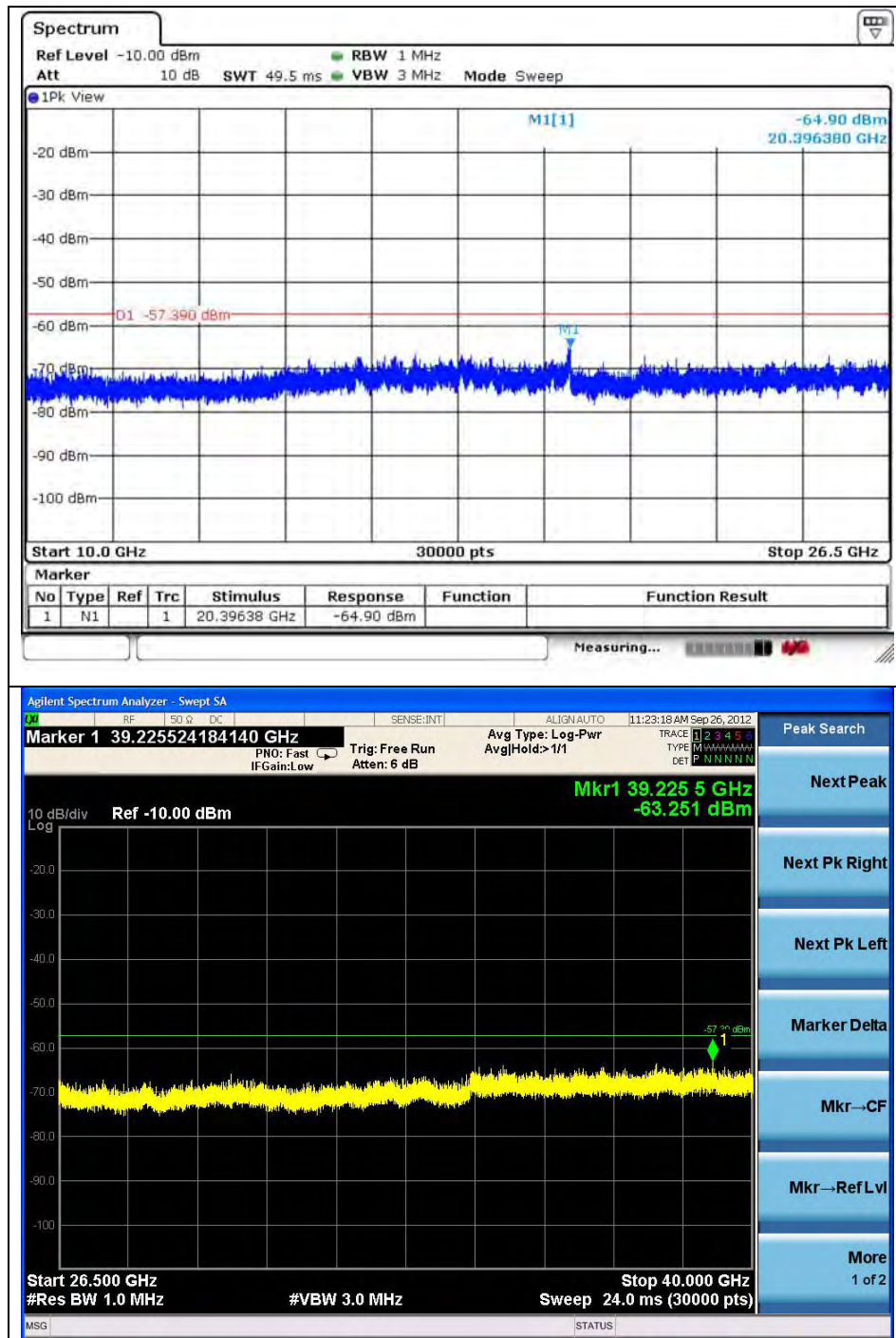| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
5 850.00	23.82	-75.75	-51.93
7 767.55	23.91	-68.28	-44.37
20 386.48	-	Noise level	-
38 784.50	-	Noise level	-

OFDM : 802.11n_HT40(MCS0)

Low Channel

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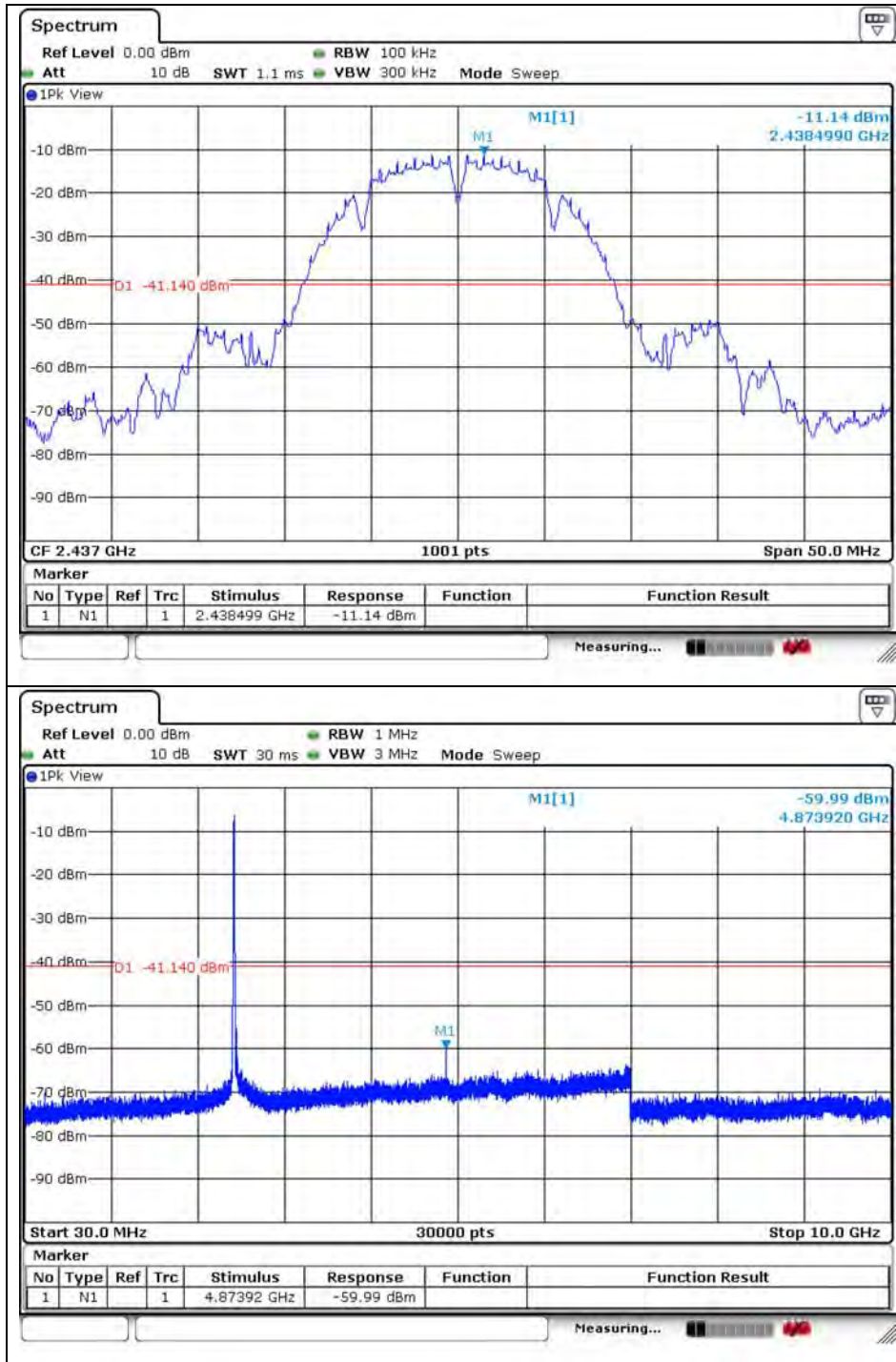
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Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

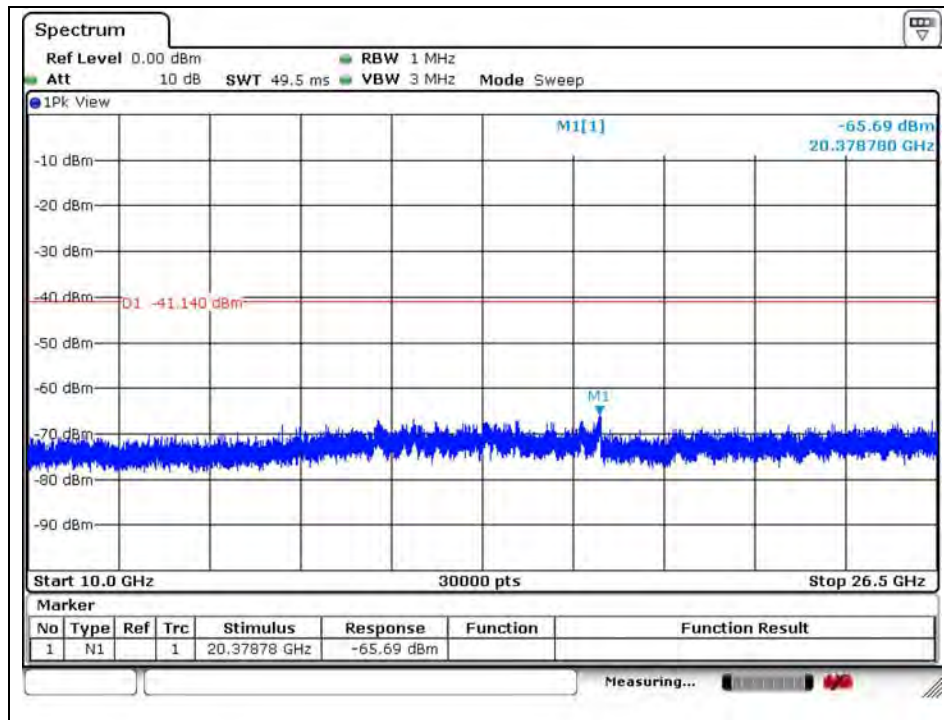Result (dB m) = Spurious offset (dB) + Reading values (dB m)

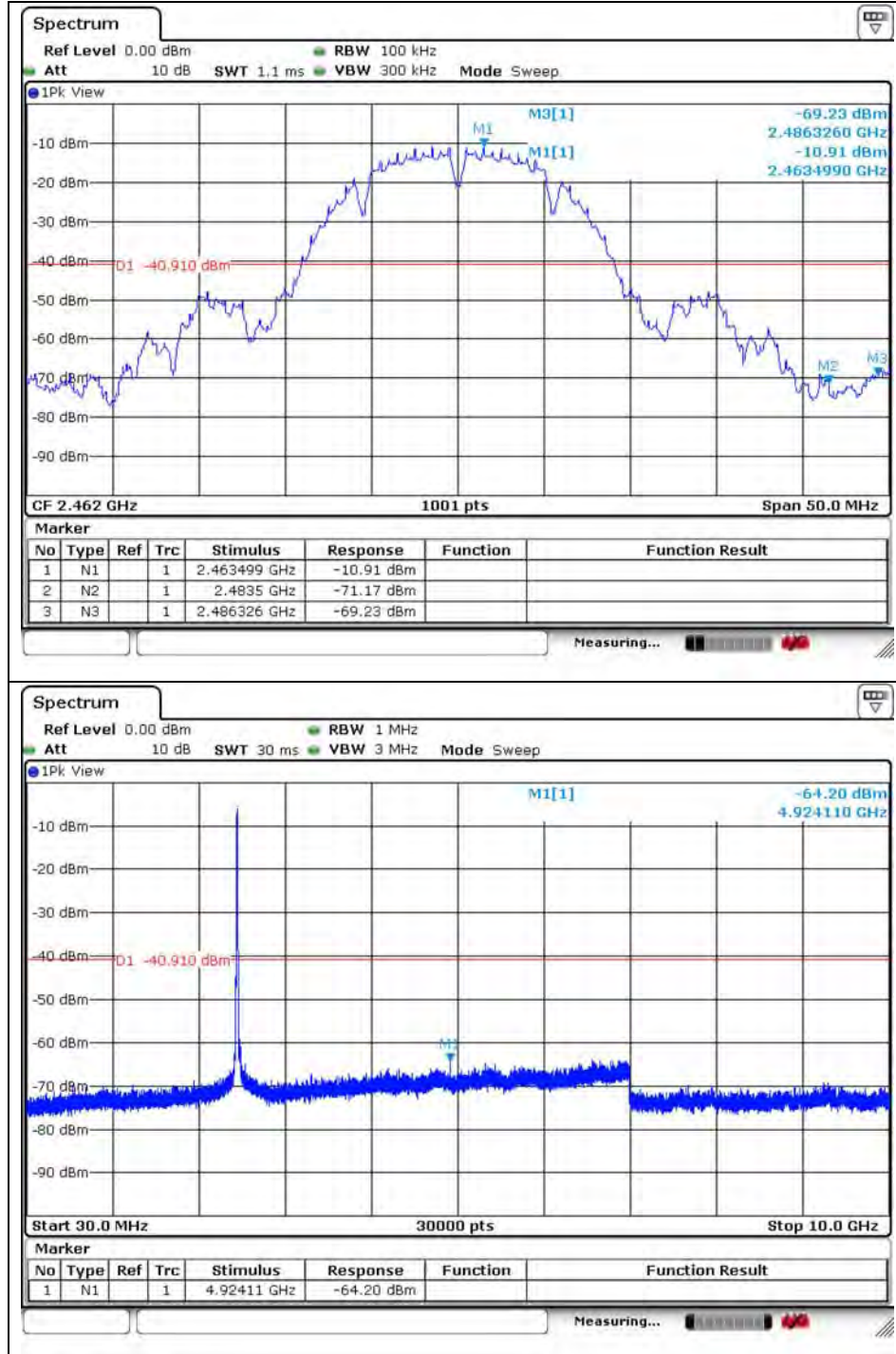| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
5 725.00	23.49	-68.29	-44.80
7 673.89	23.91	-66.91	-43.00
20 388.13	-	Noise level	-
35 712.70	-	Noise level	-

High Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
5.850.00	23.82	-74.91	-51.09
7 727.08	23.91	-66.64	-42.73
20 396.38	-	Noise level	-
39 225.50	-	Noise level	-

ANT1

DSSS : 802.11b(1 Mbps)
Low Channel
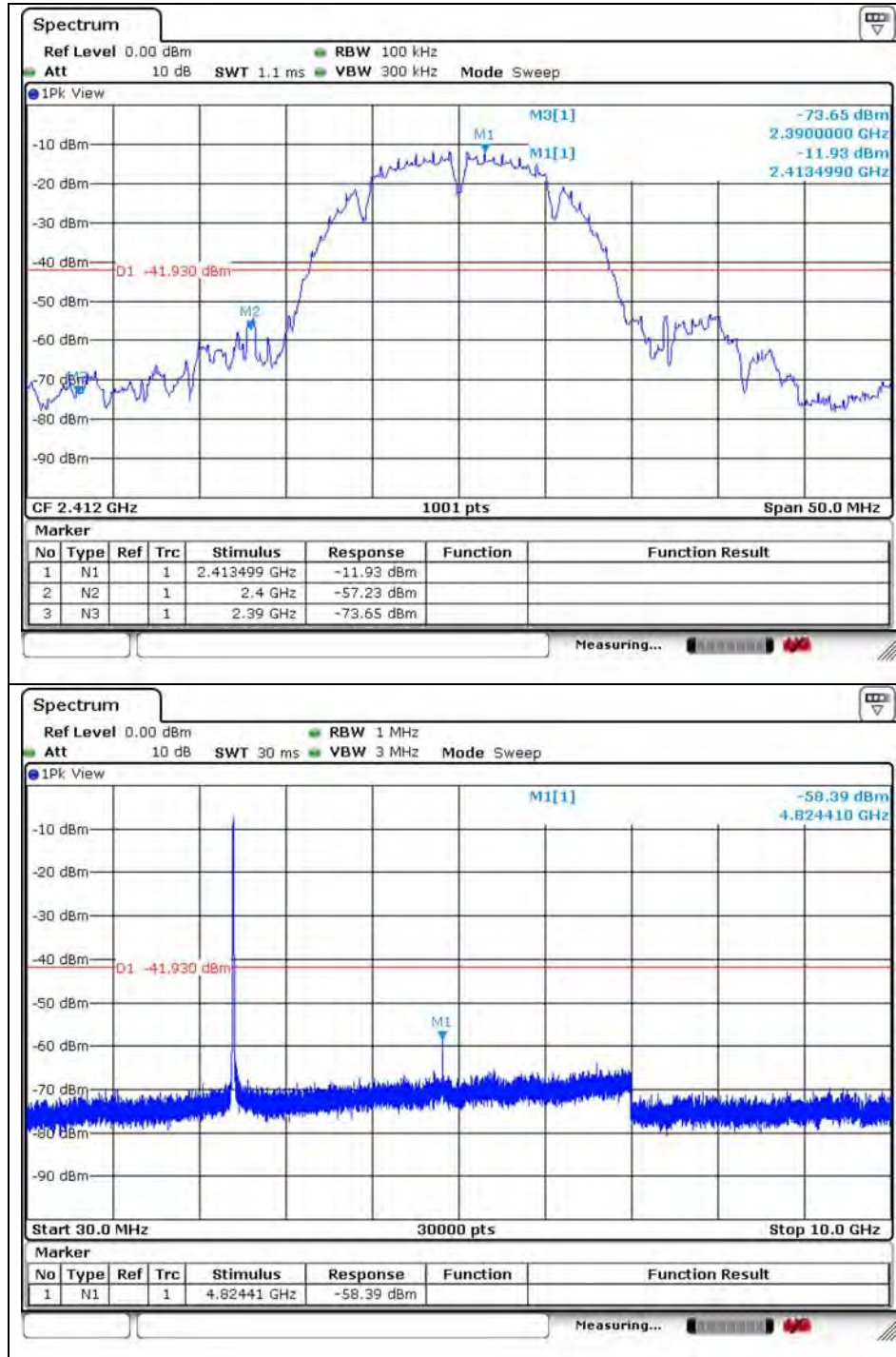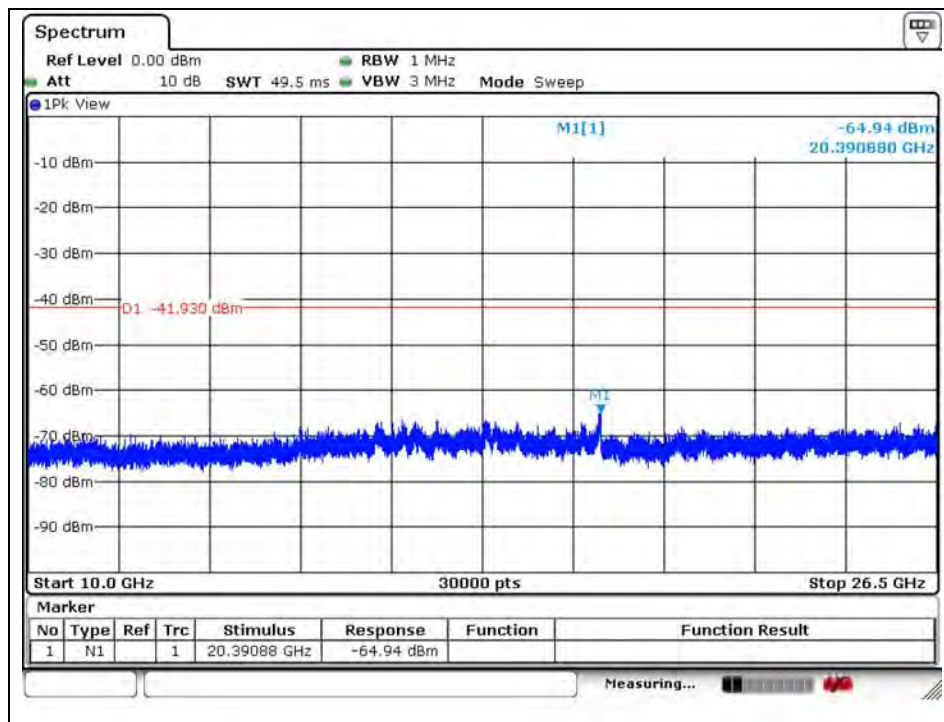
Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

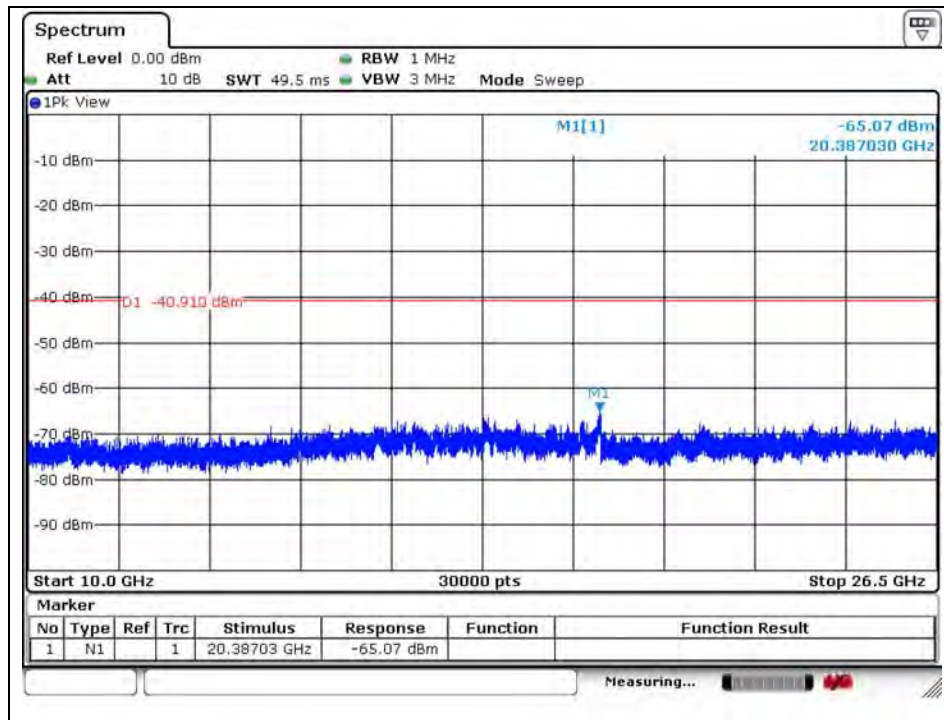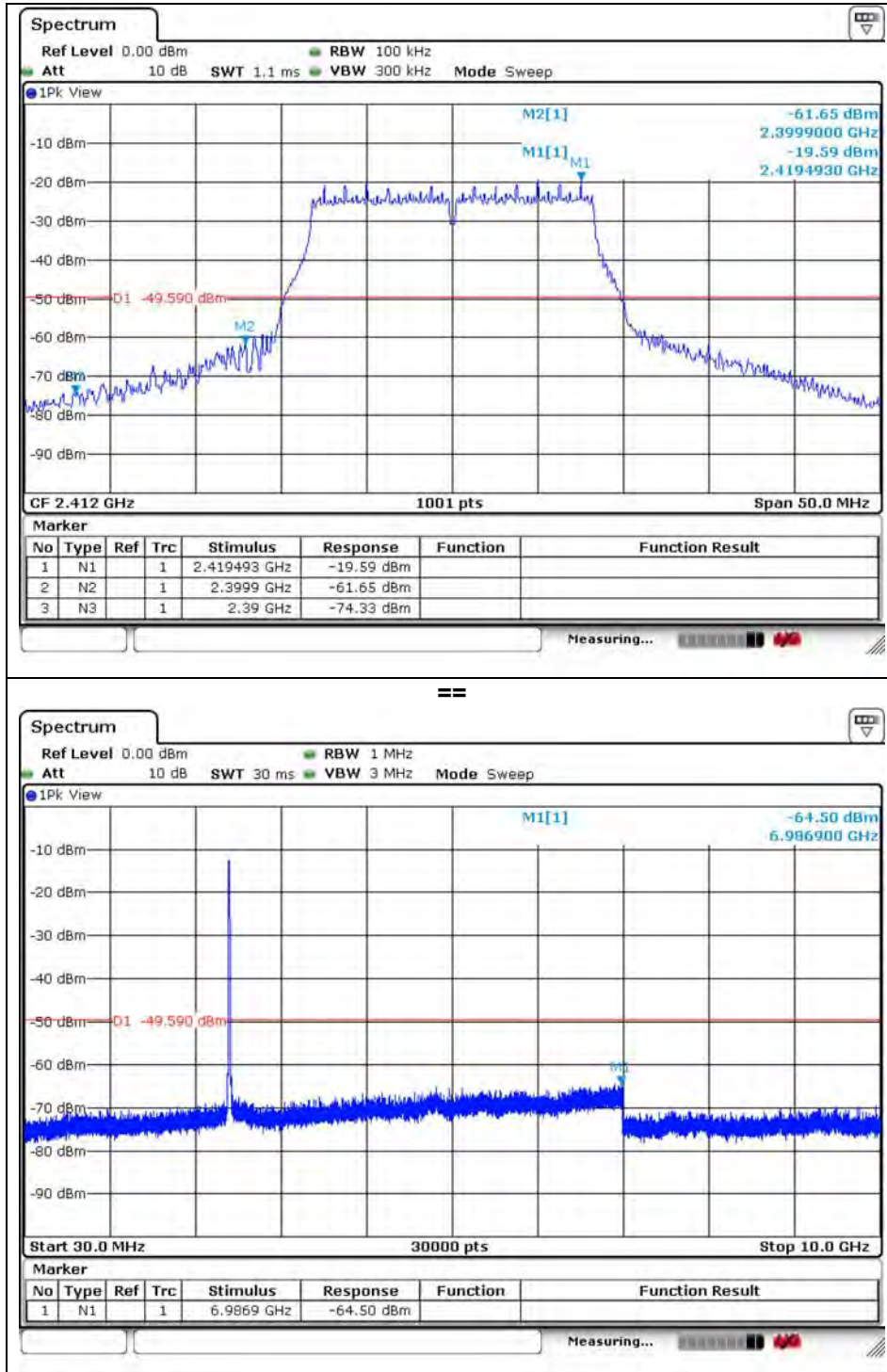Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
2 390.00	22.62	-73.65	-51.03
2 400.00	22.62	-57.23	-34.61
4 824.41	23.06	-58.39	-35.33
20 390.88	-	Noise level	-

Middle Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dB m) = Spurious offset (dB) + Reading values (dB m)

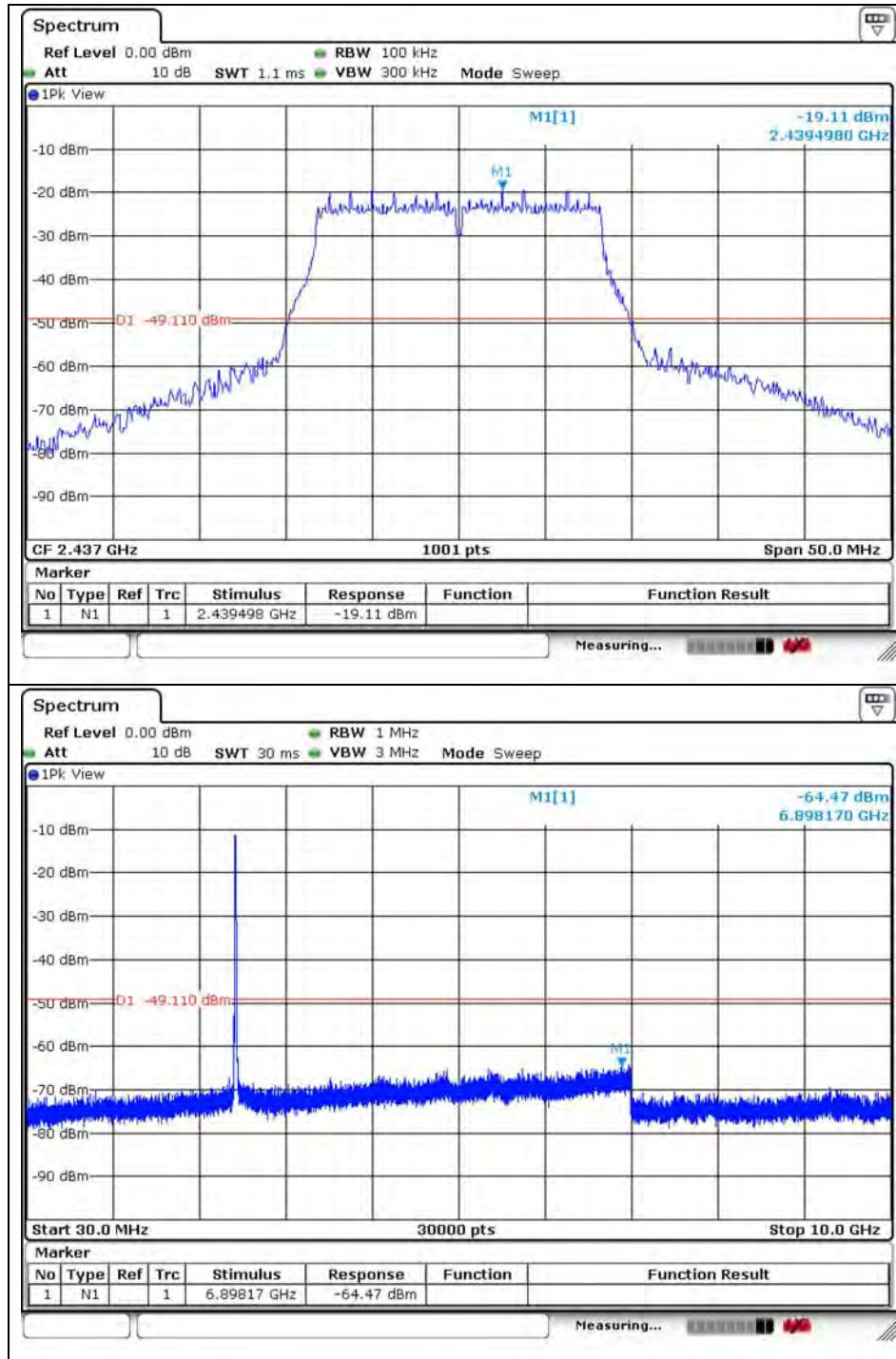| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
4 873.92	23.06	-59.99	-
20 378.78	-	Noise level	-

High Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dBm) = Spurious offset (dB) + Reading values (dBm)

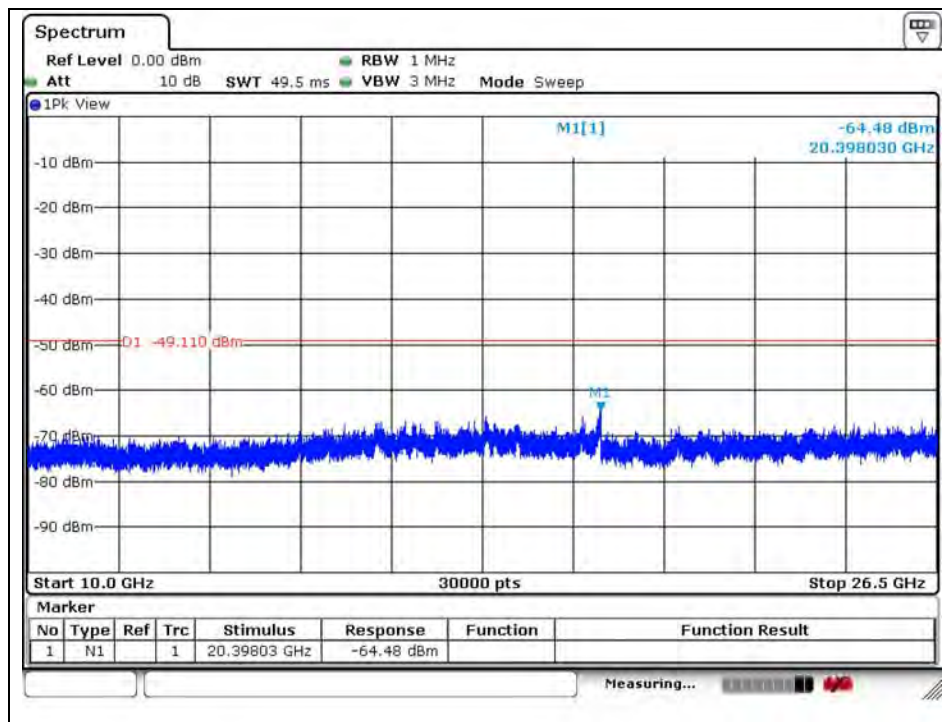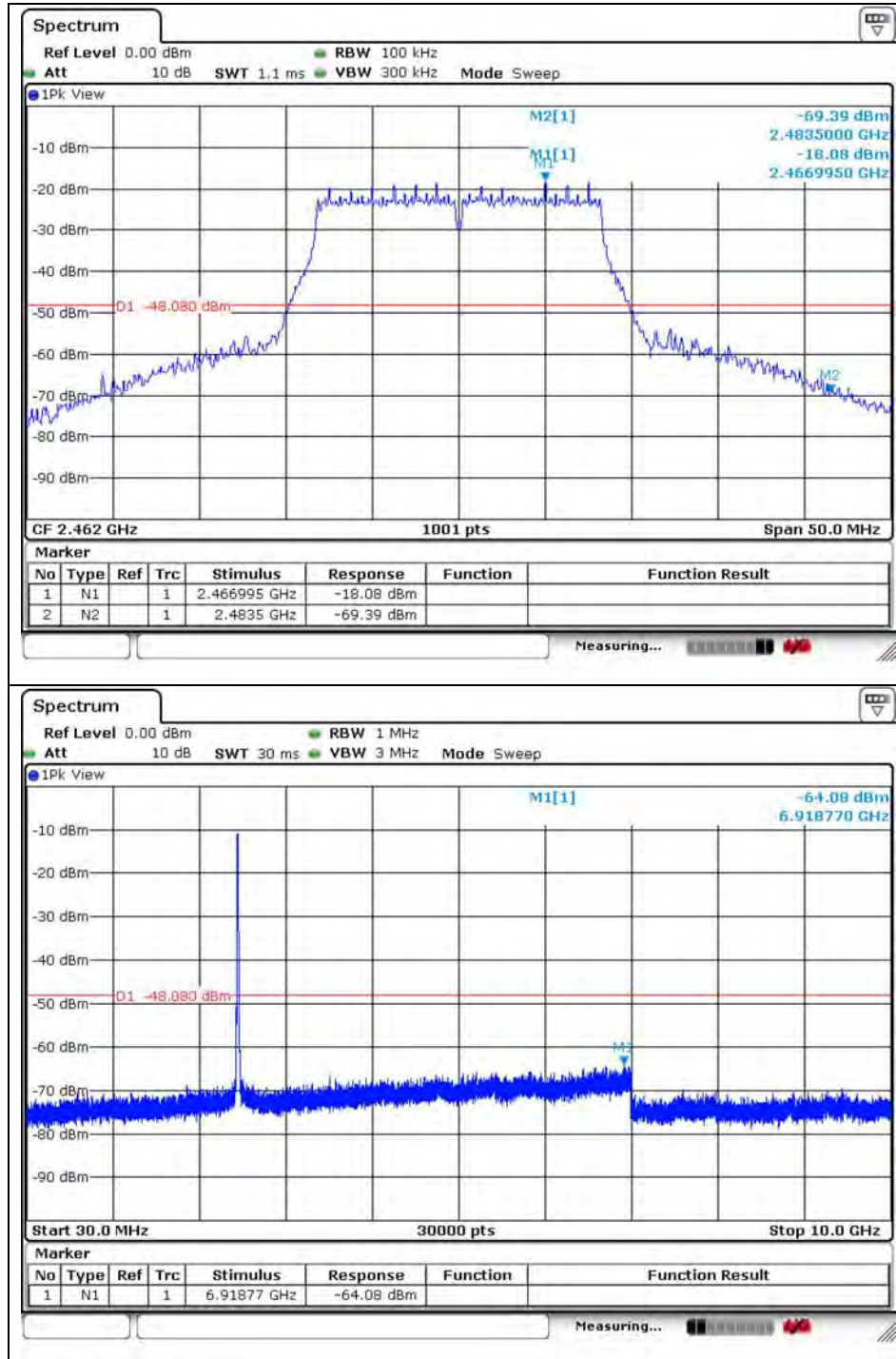| Frequency (MHz)	offset (dB)	Reading values (dBm)	Result (dBm)
2 483.50	22.57	-71.17	-48.60
2 486.33	22.57	-69.23	-46.66
4 924.11	23.06	-64.20	-41.14
20 387.03	-	Noise level	-

OFDM : 802.11g(6 Mbps)
Low Channel
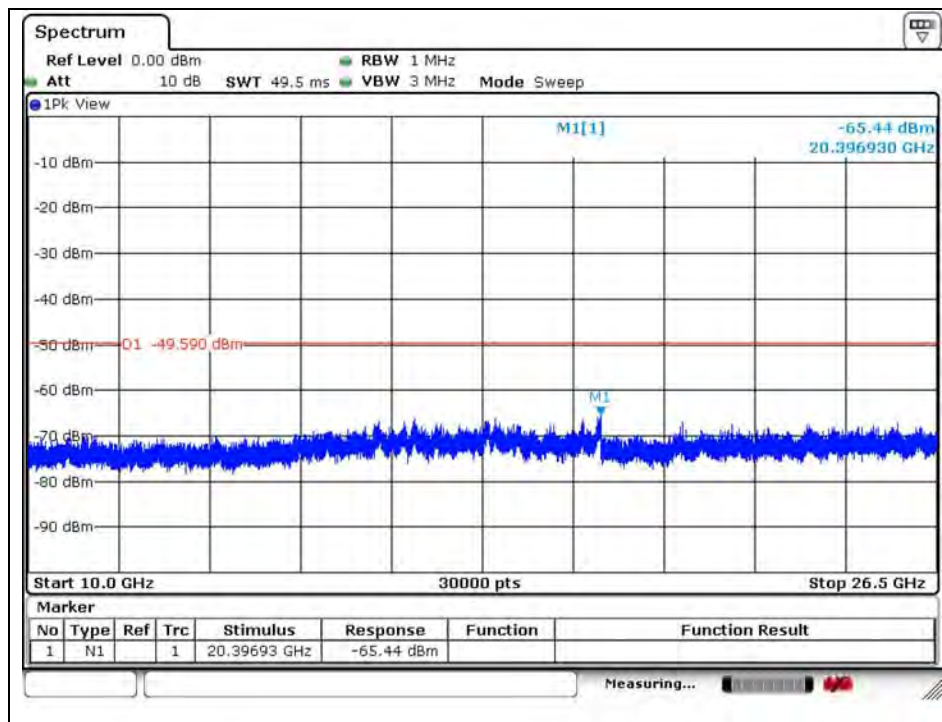
Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dB m) = Spurious offset (dB) + Reading values (dB m)

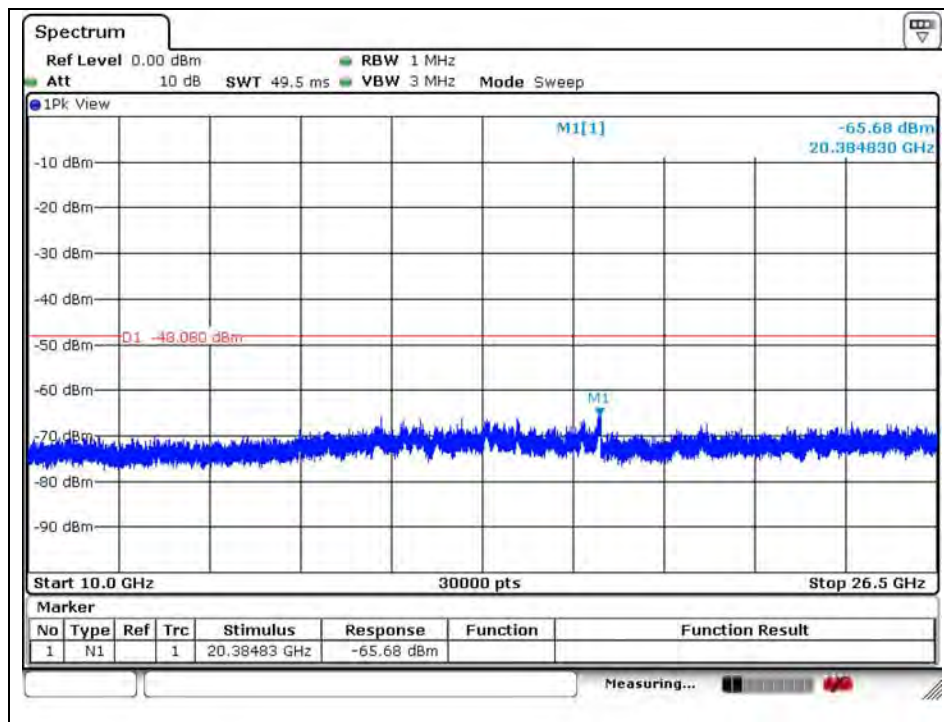| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
2 390.00	22.62	-74.33	-51.71
2 399.900	22.62	-61.65	-39.03
6 986.90	-	Noise level	-
20 396.93	-	Noise level	-

Middle Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)
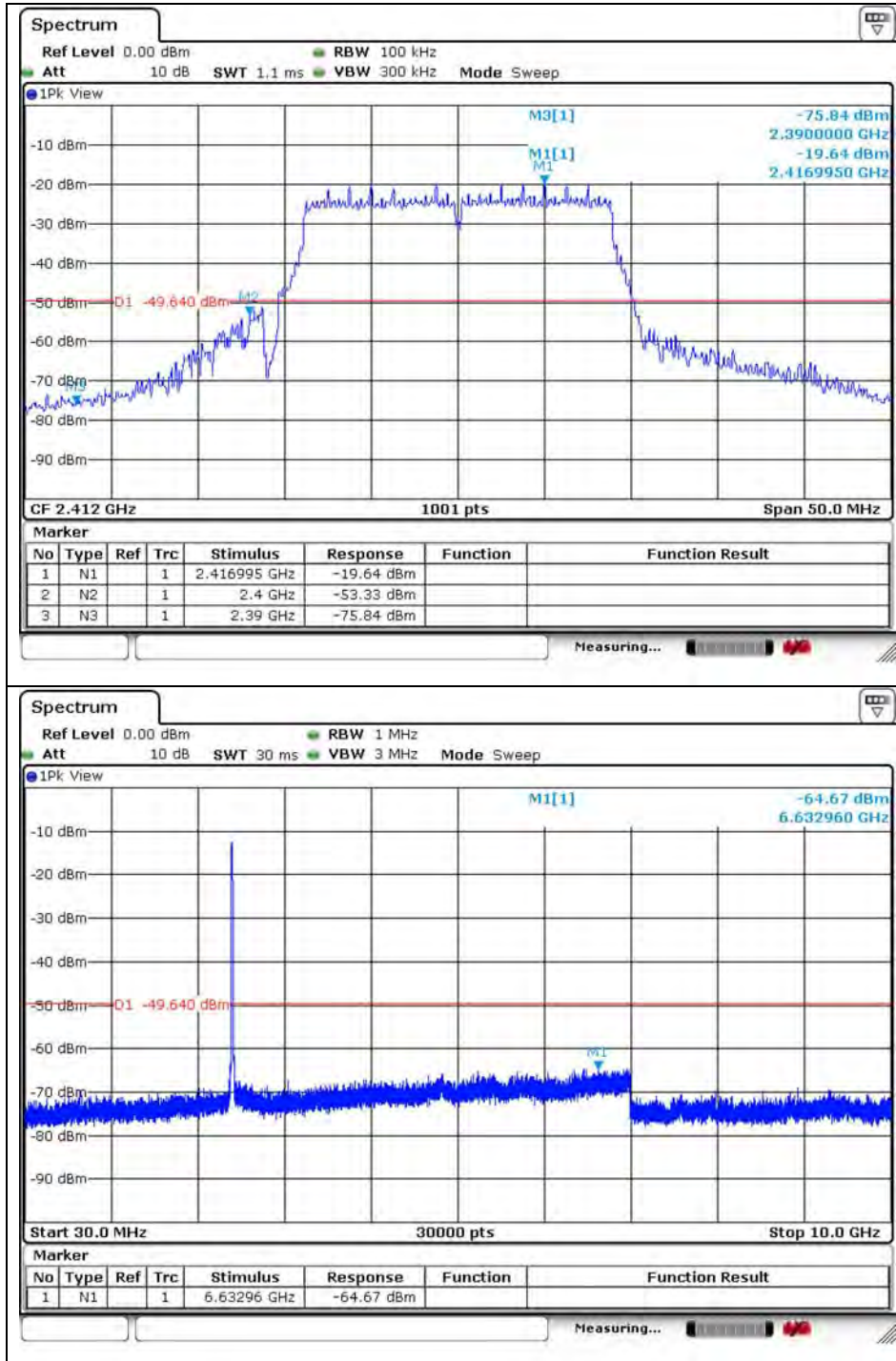
Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
6 898.17	-	Noise level	-
20 398.03	-	Noise level	-

High Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dB m) = Spurious offset (dB) + Reading values (dB m)

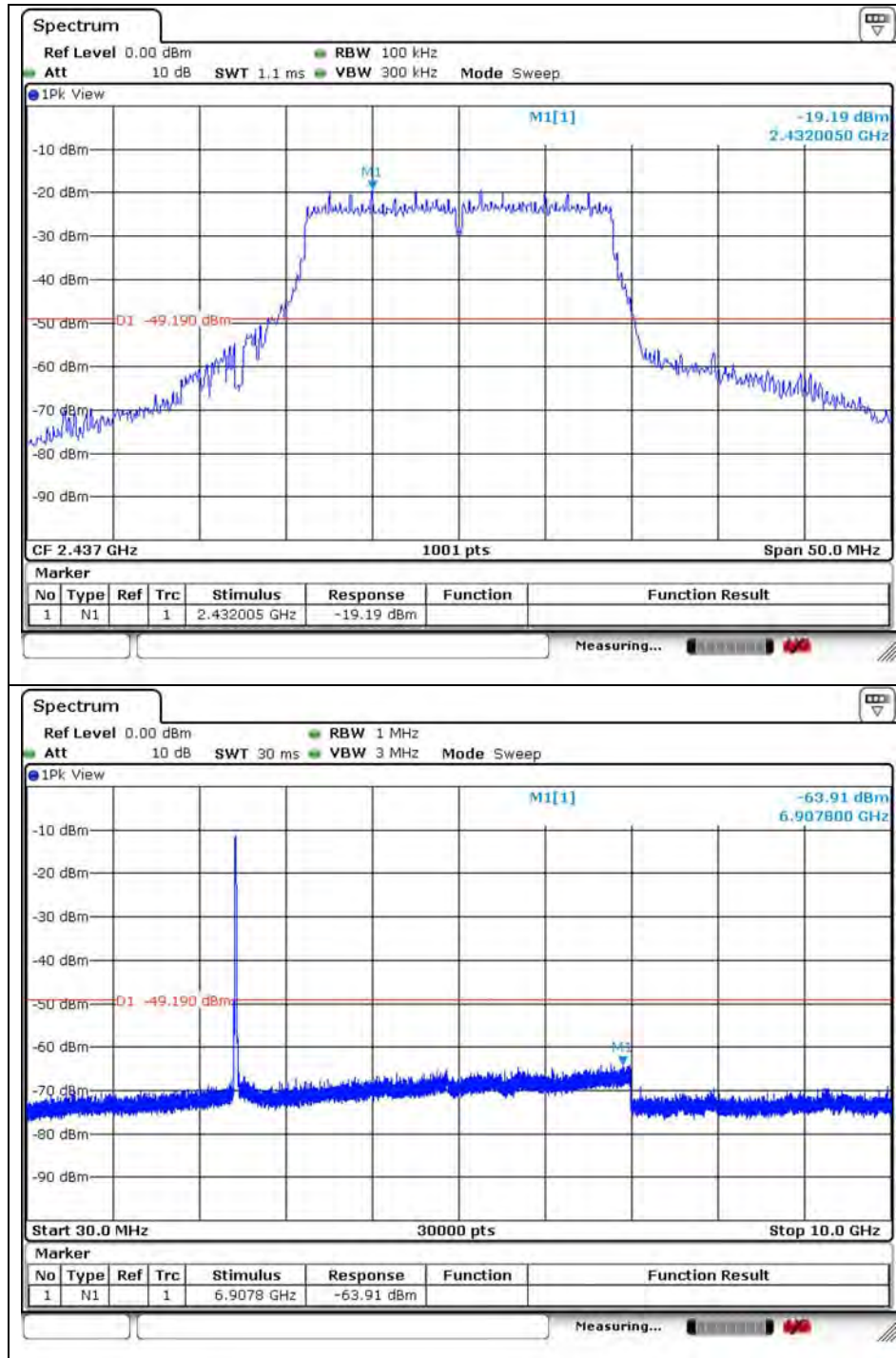| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
2 483.50	22.57	-69.39	-43.62
6 918.17	-	Noise level	-
20 384.83	-	Noise level	-

OFDM : 802.11n_HT20(MCS0)
Low Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dB m) = Spurious offset (dB) + Reading values (dB m)

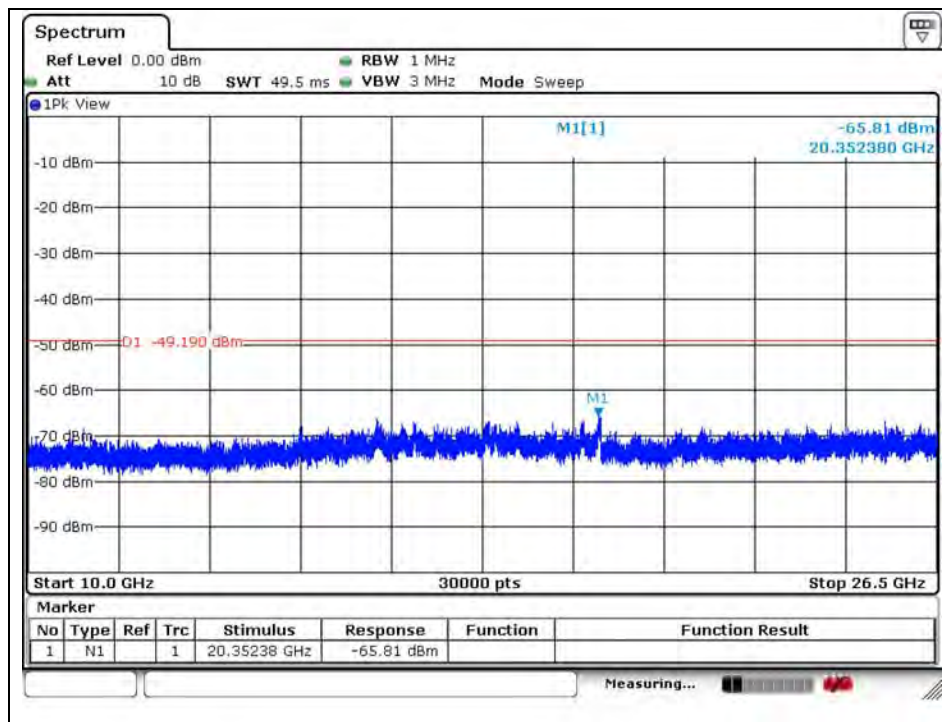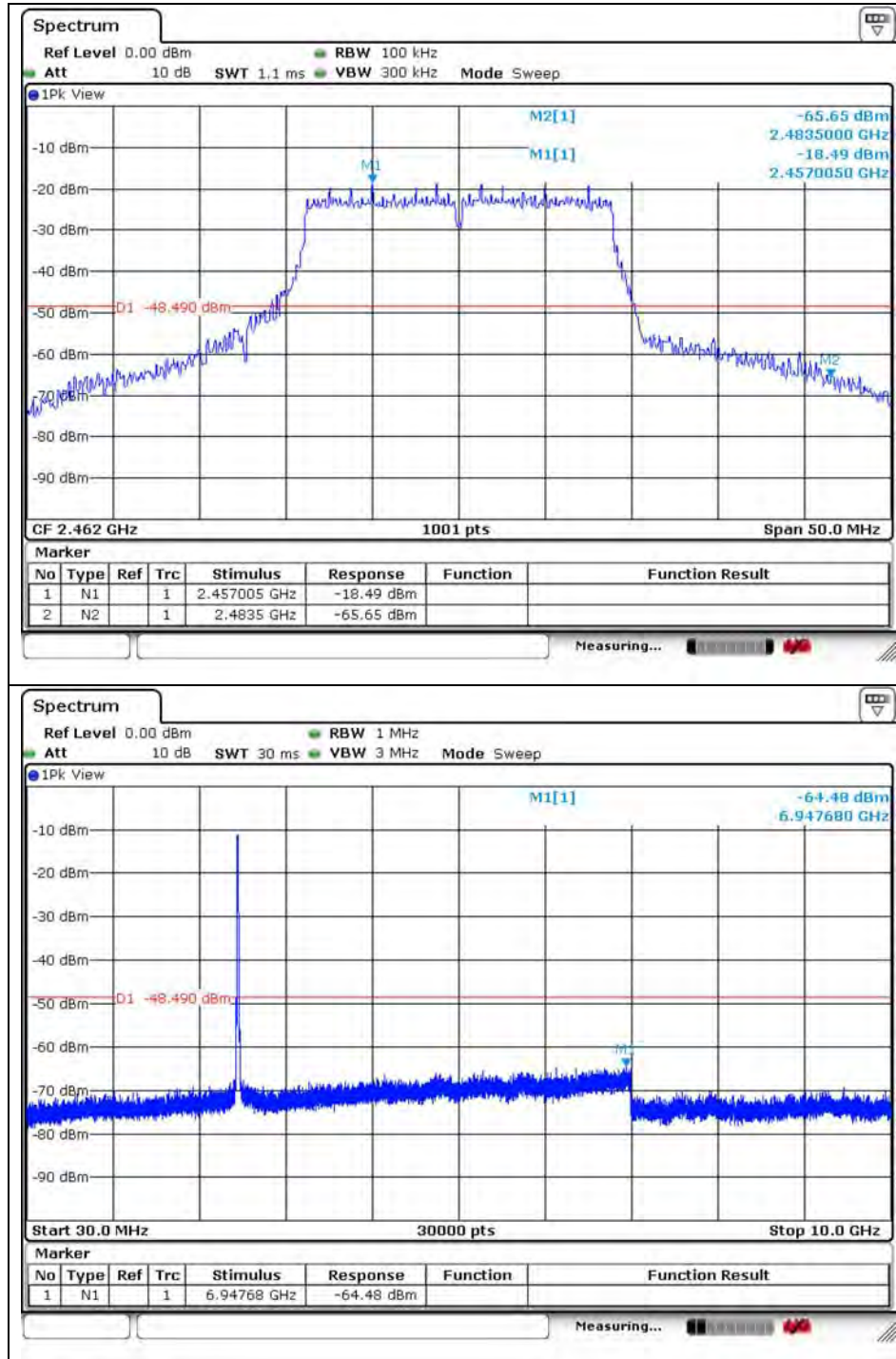| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
2 390.00	22.62	-75.84	-53.22
2 400.00	22.62	-53.33	-30.71
6 632.96		Noise level	
20 38538	-	Noise level	-

Middle Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

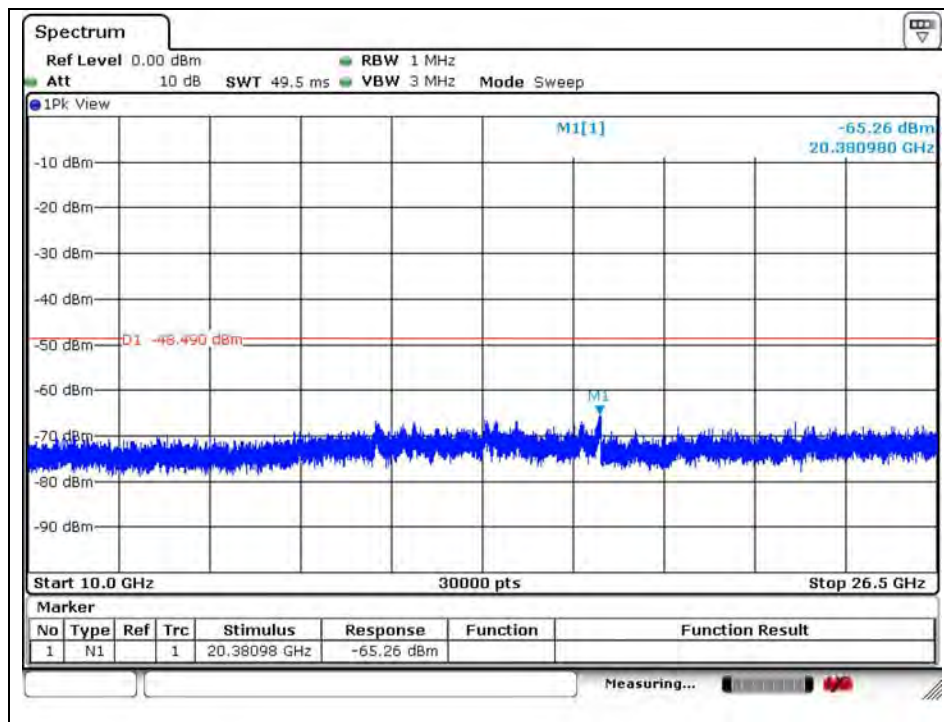Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
6 907.80	-	Noise level	-
20 352.38	-	Noise level	-

High Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)
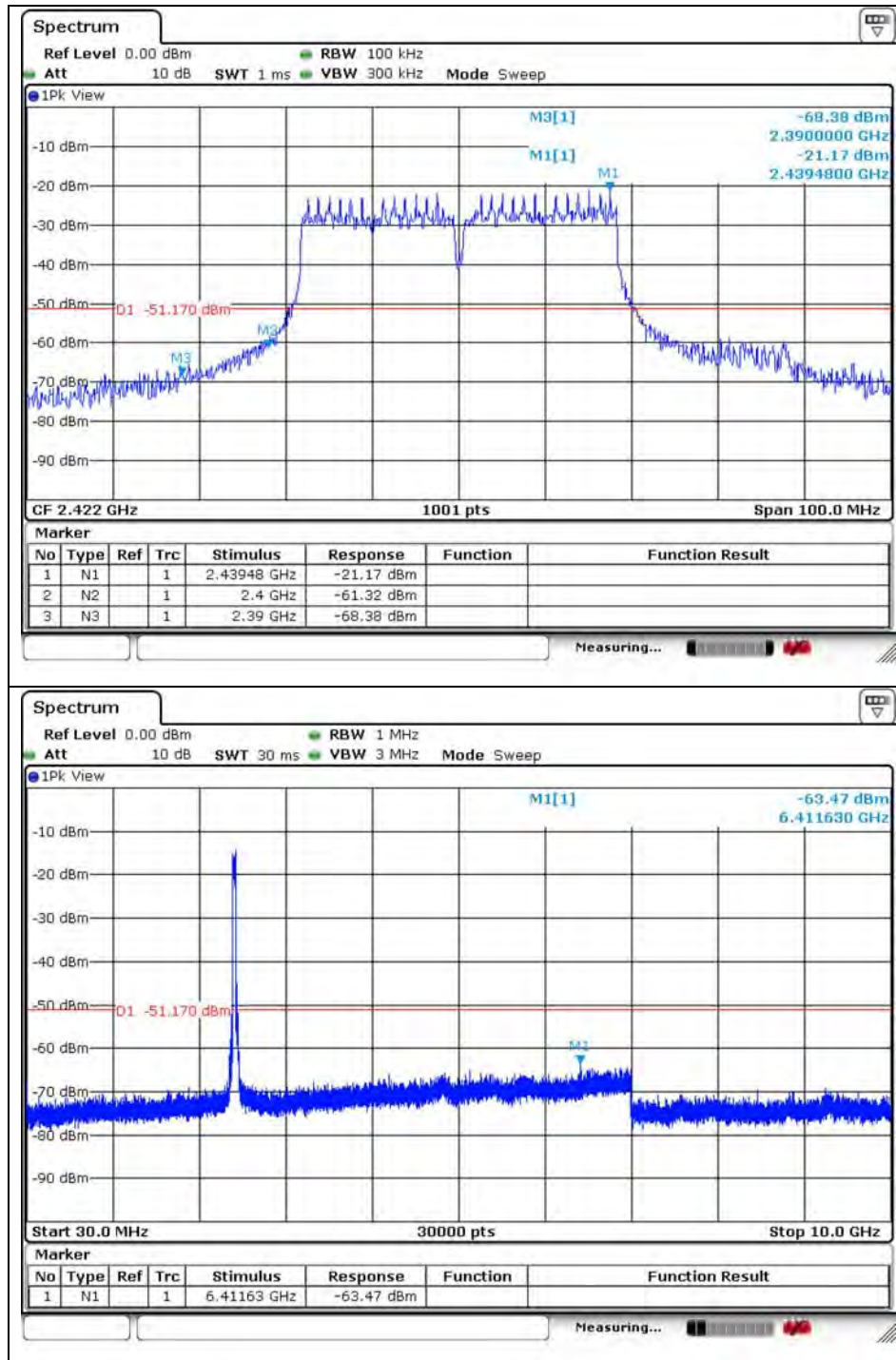
Result (dB m) = Spurious offset (dB) + Reading values (dB m)

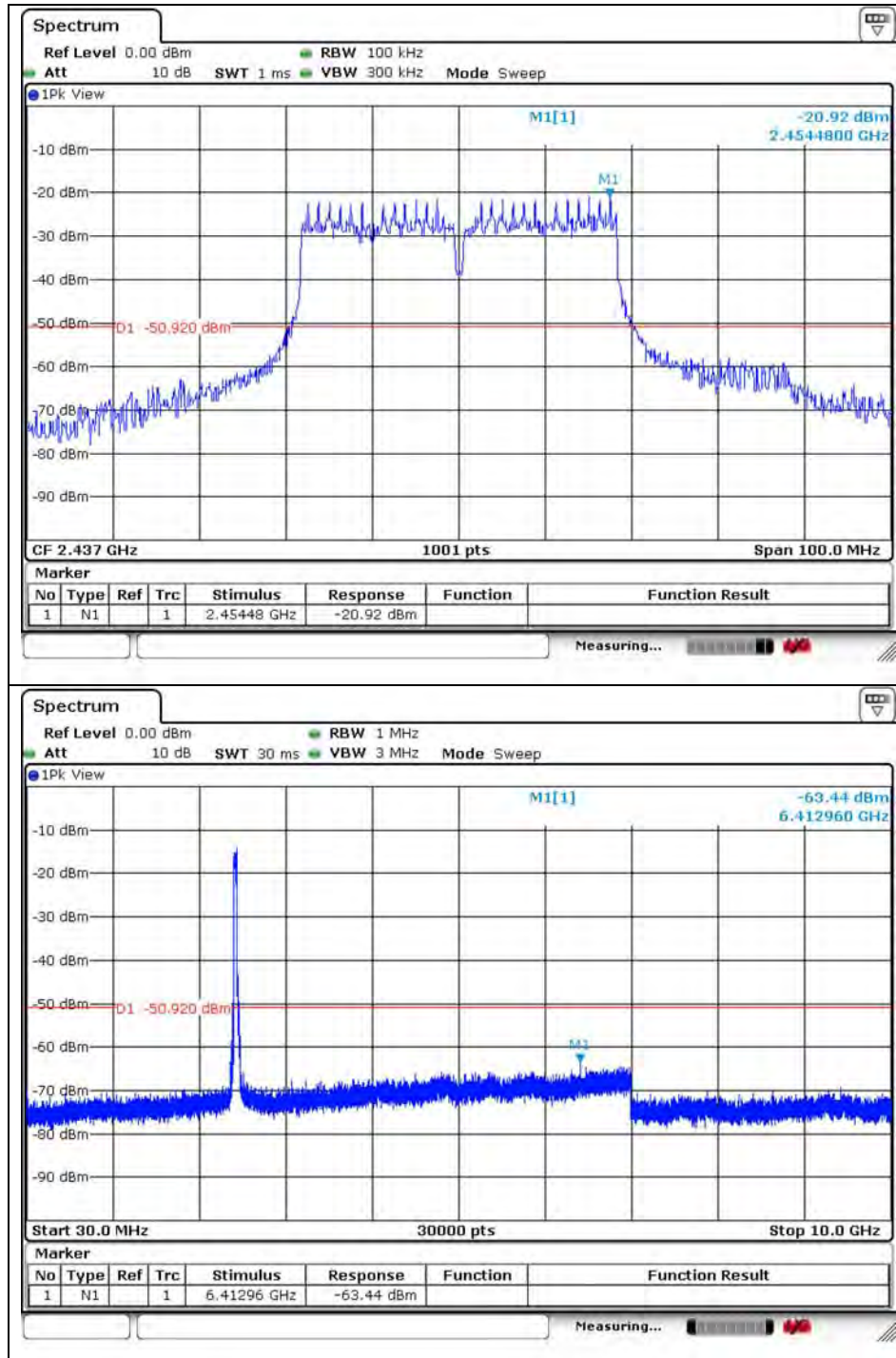| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
2 483.50	23.57	-65.65	-42.08
6 947.68	-	Noise level	-
20 380.98	-	Noise level	-

OFDM : 802.11n_HT40(MCS0)
Low Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
2 390.00	22.62	-68.38	-45.76
2 400.00	22.62	-61.32	-38.70
6 411.63	23.88	-63.47	-39.59
20 355.13	-	Noise level	-

Middle Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

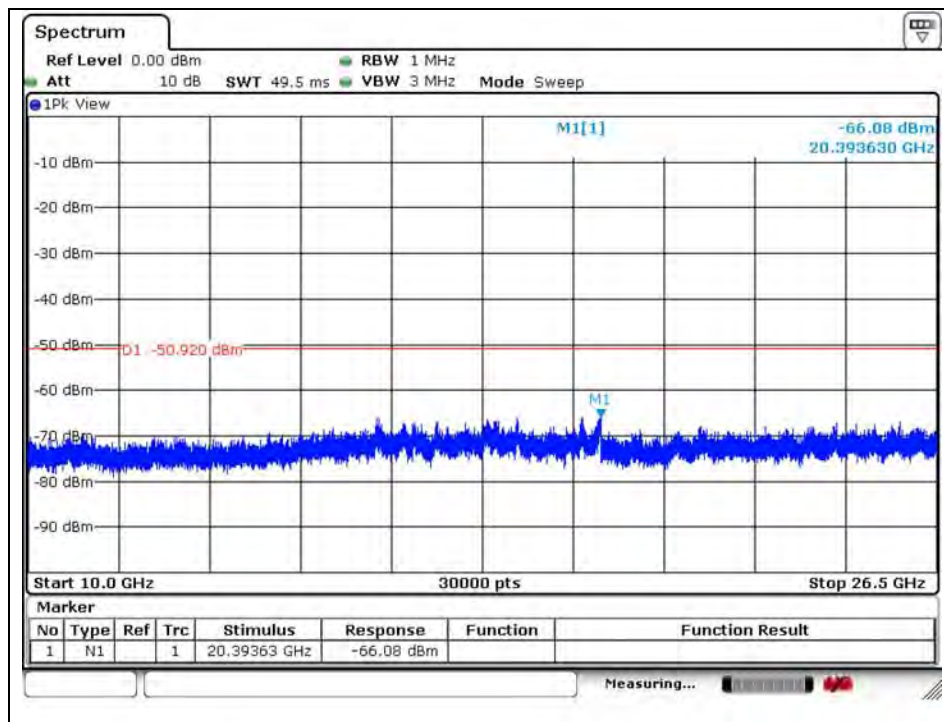Result (dB m) = Spurious offset (dB) + Reading values (dB m)

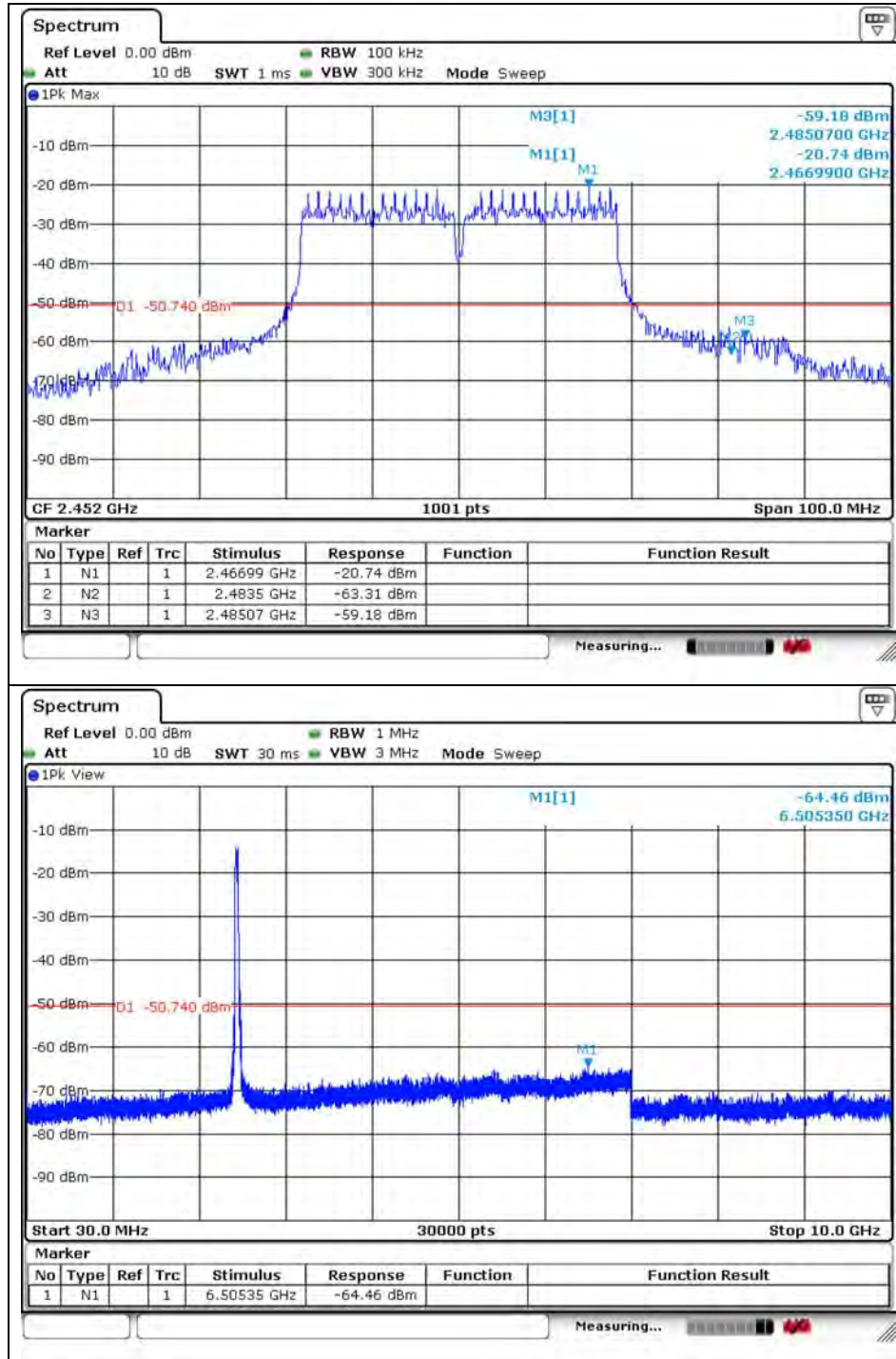| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
6 412.96	23.88	-63.44	-39.56
20 393.63	-	Noise level	-

High Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dB m) = Spurious offset (dB) + Reading values (dB m)

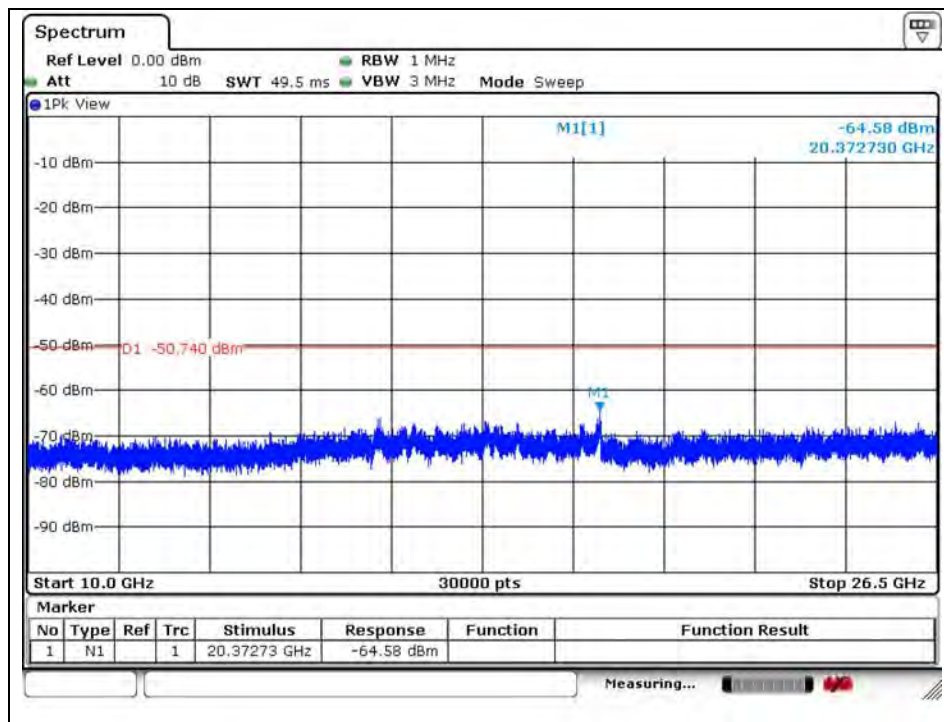| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
2 483.50	23.57	-63.31	-39.74
2 485.07	23.57	-59.18	-35.61
6 505.35	-	Noise level	-
20 372.73	-	Noise level	-

5.8 ㎓

OFDM : 802.11a(6 Mbps)
Low Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

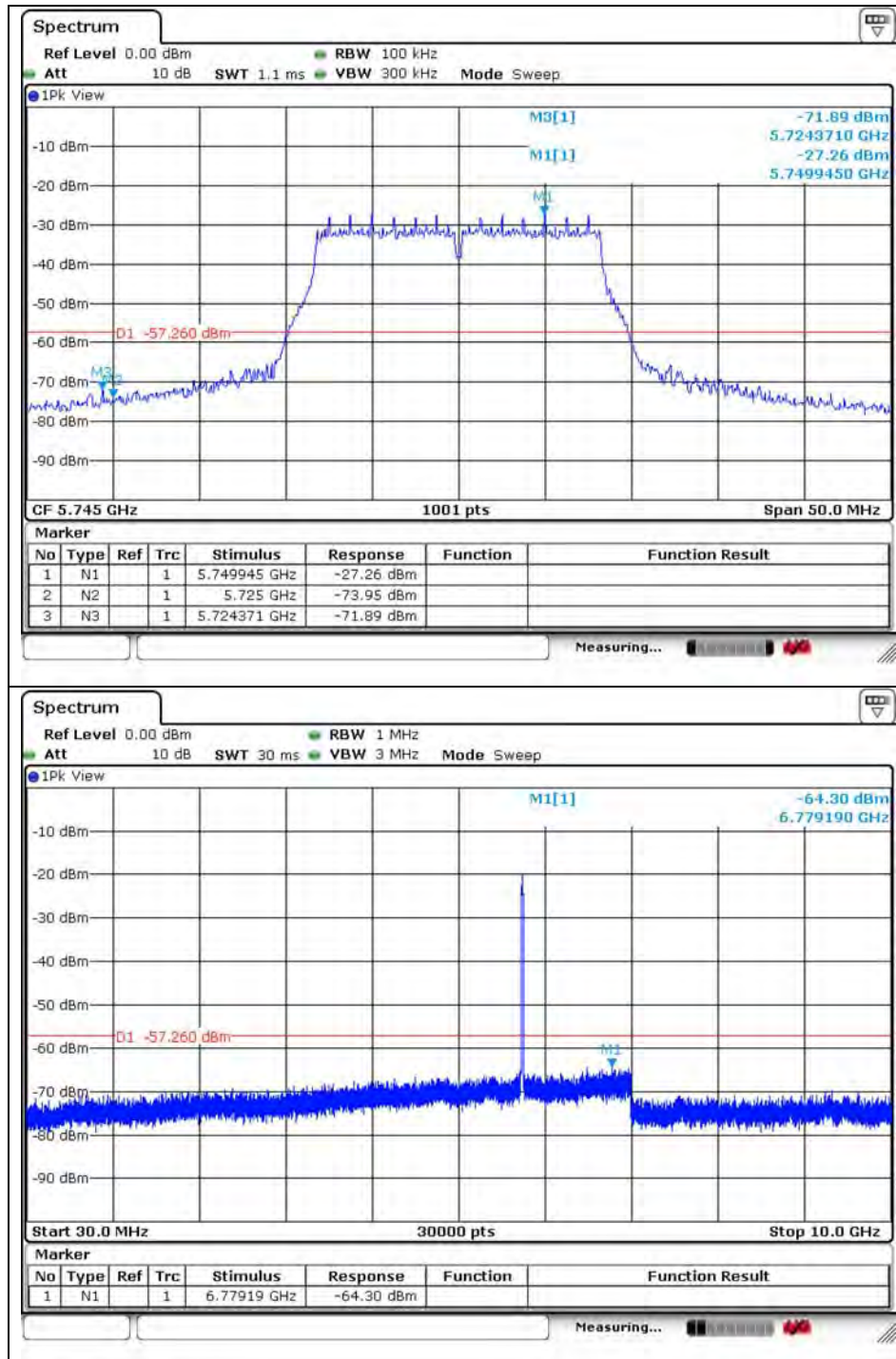Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
5 724.37	23.49	-71.89	-48.40
5 725.00	23.49	-73.95	-50.46
6 779.19	-	Noise level	-
20 398.58	-	Noise level	-
38 392.50	-	Noise level	-

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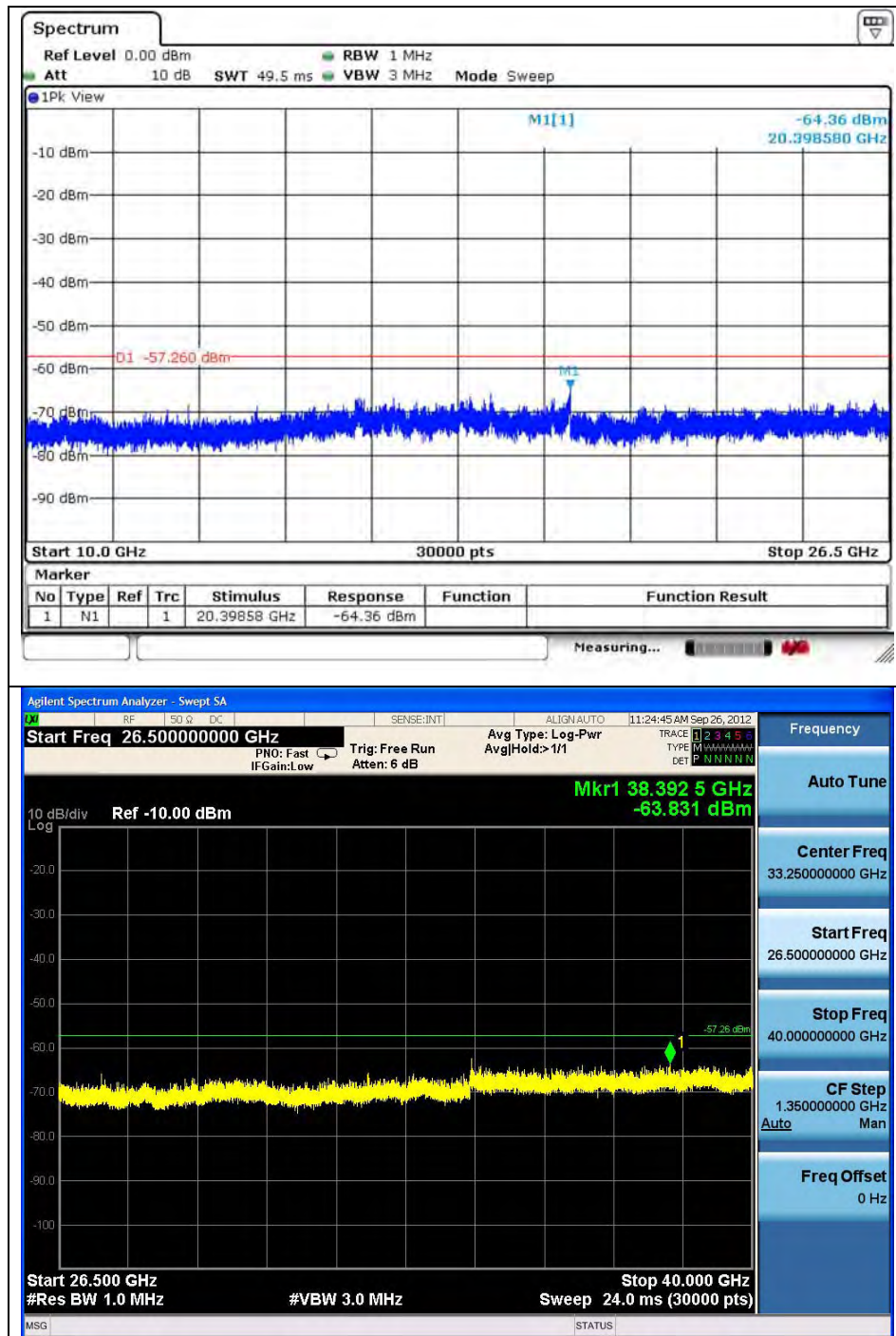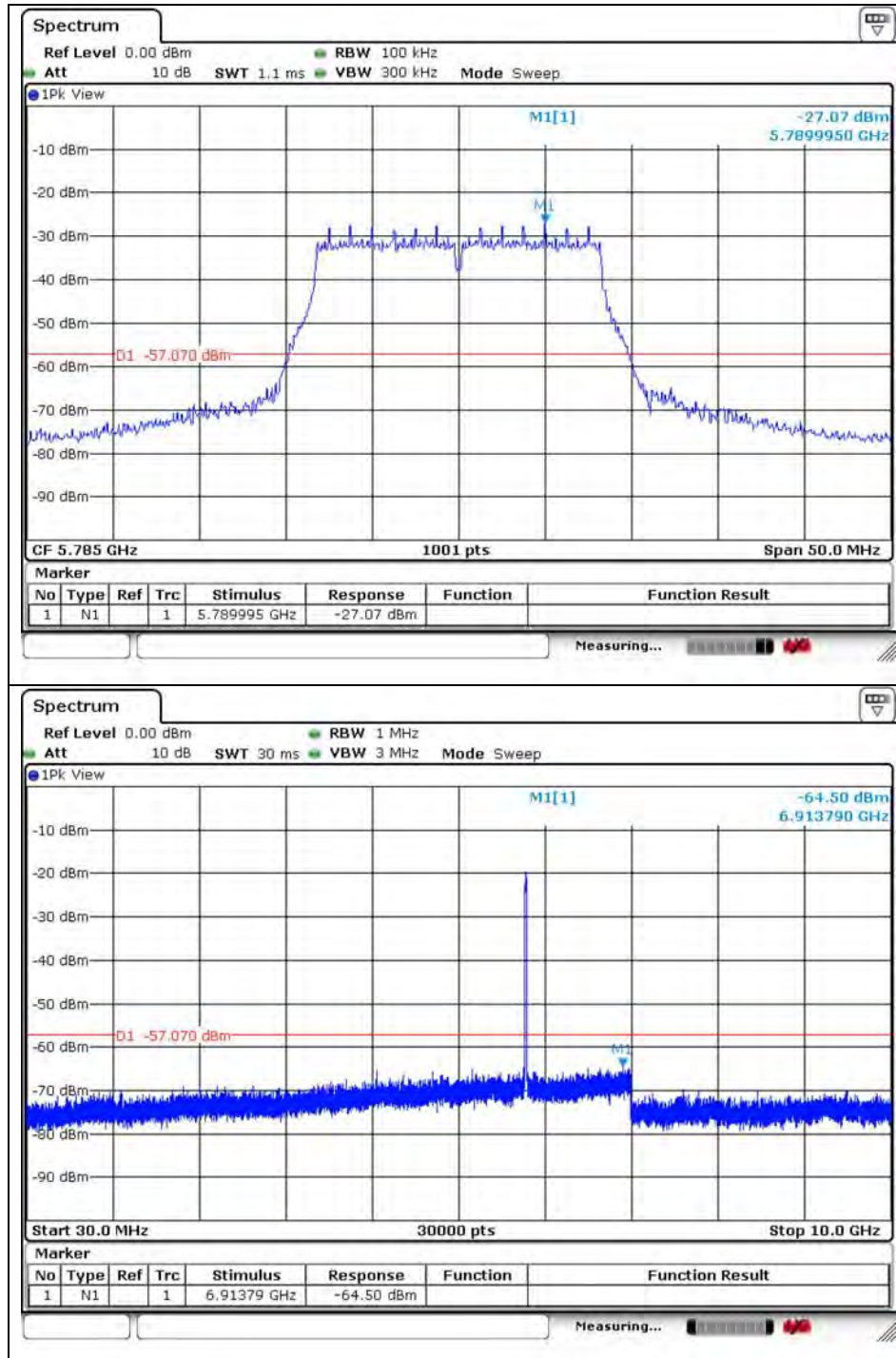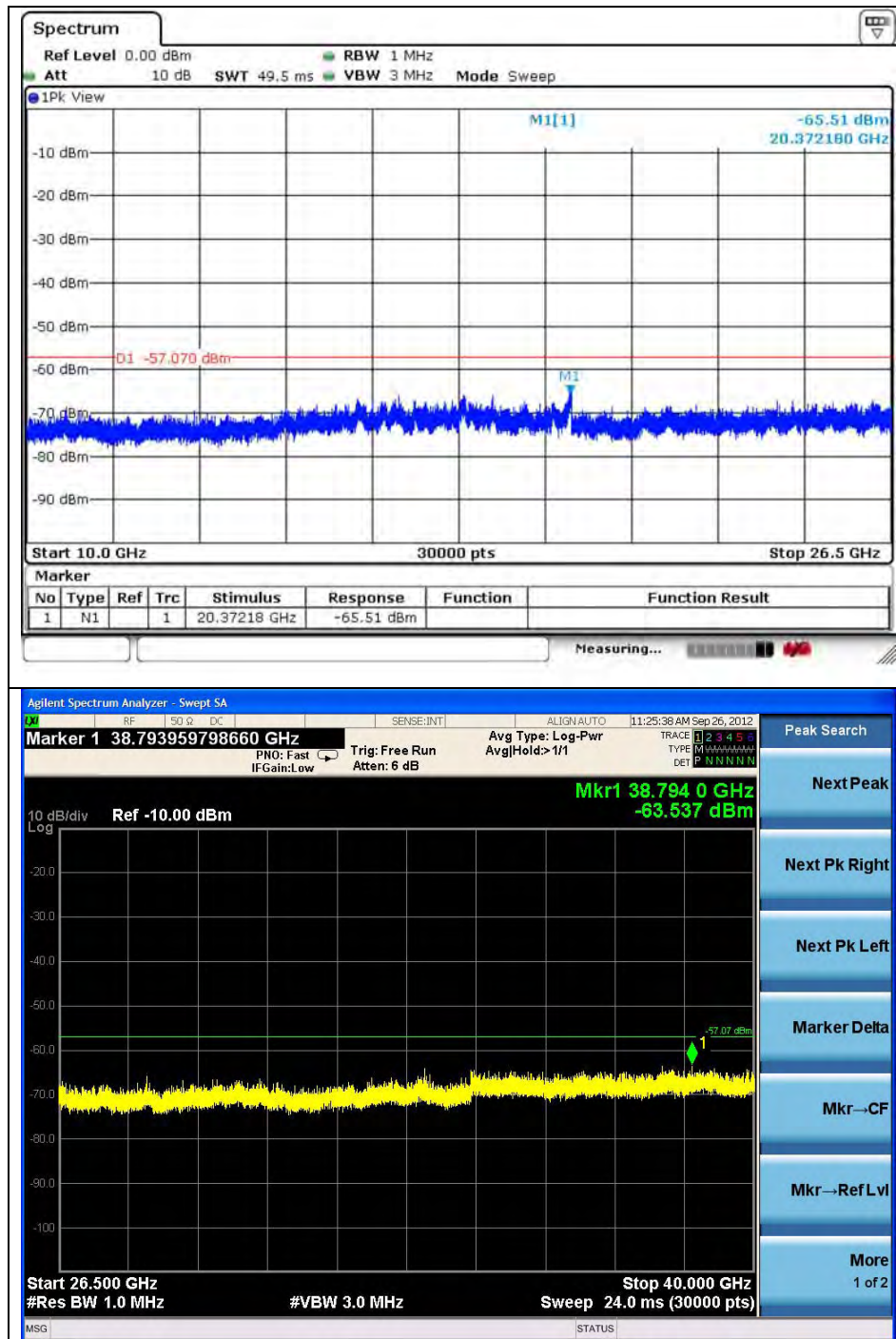
Middle Channel

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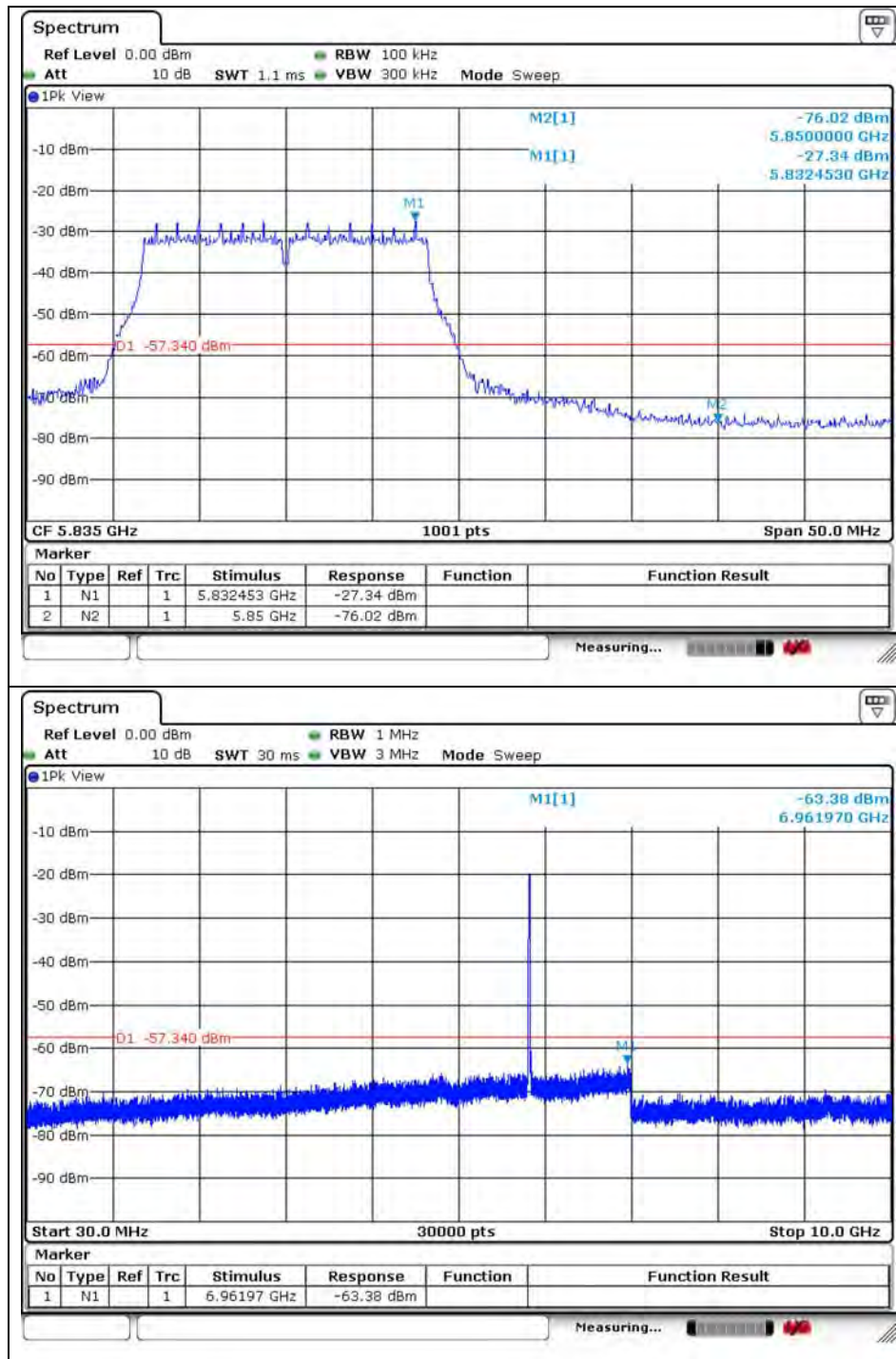
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Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

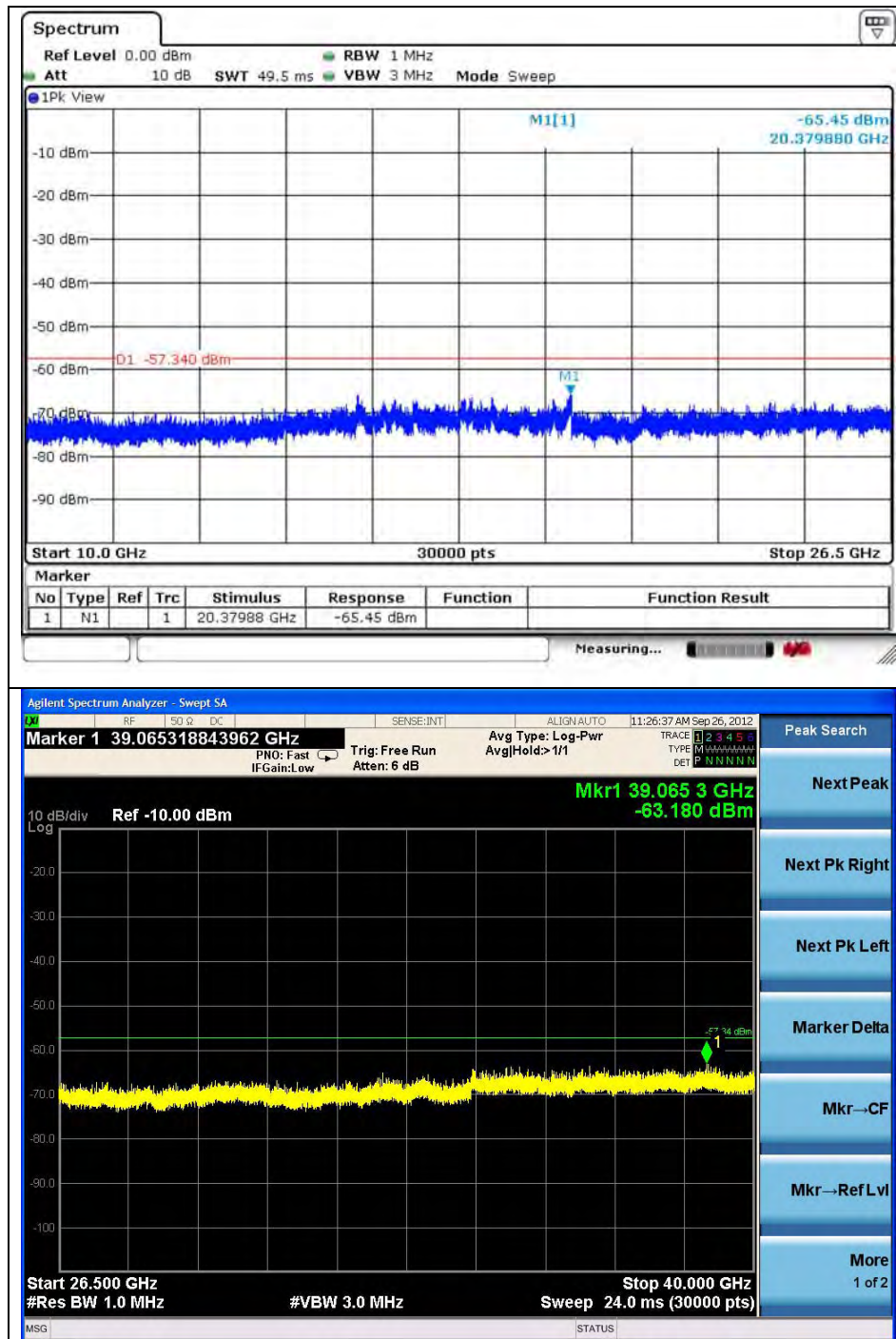Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
6 913.79	-	Noise level	-
20 372.18	-	Noise level	-
38 794.00	-	Noise level	-

High Channel

Note:

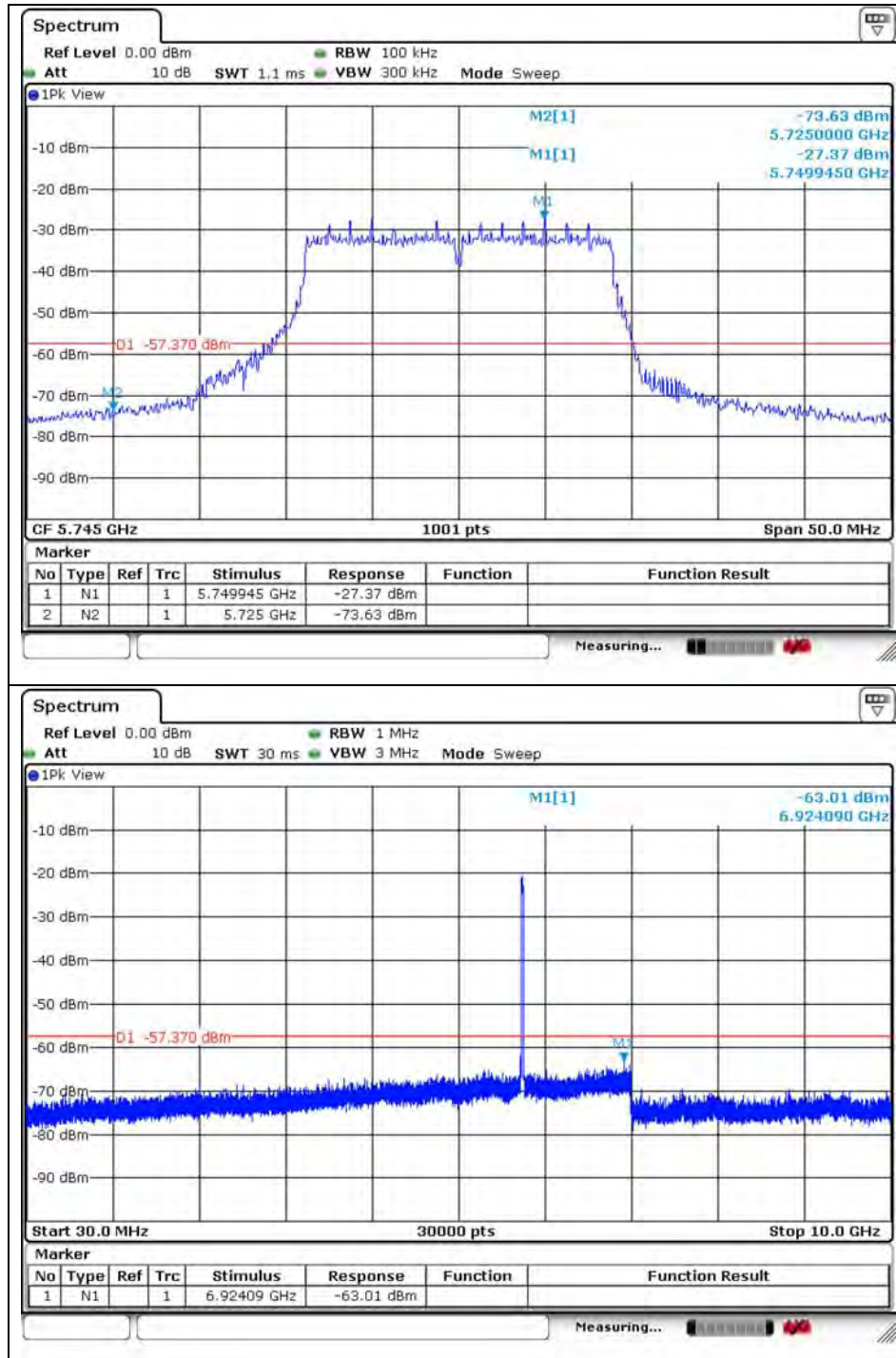Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dB m) = Spurious offset (dB) + Reading values (dB m)

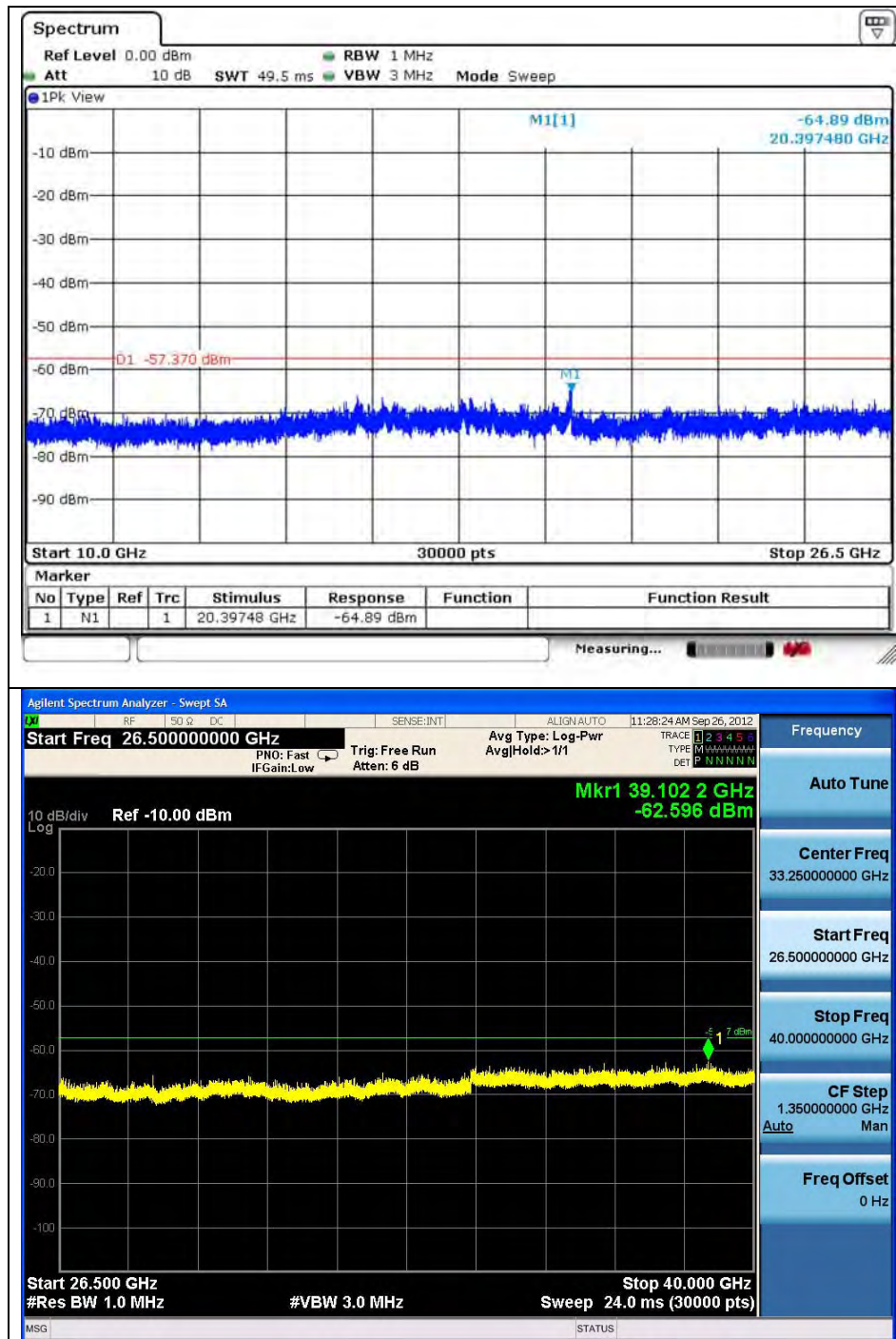| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
5 850.00	23.82	-76.02	-52.20
6 961.97	-	Noise level	-
20 379.88	-	Noise level	-
39 065.30	-	Noise level	-

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.
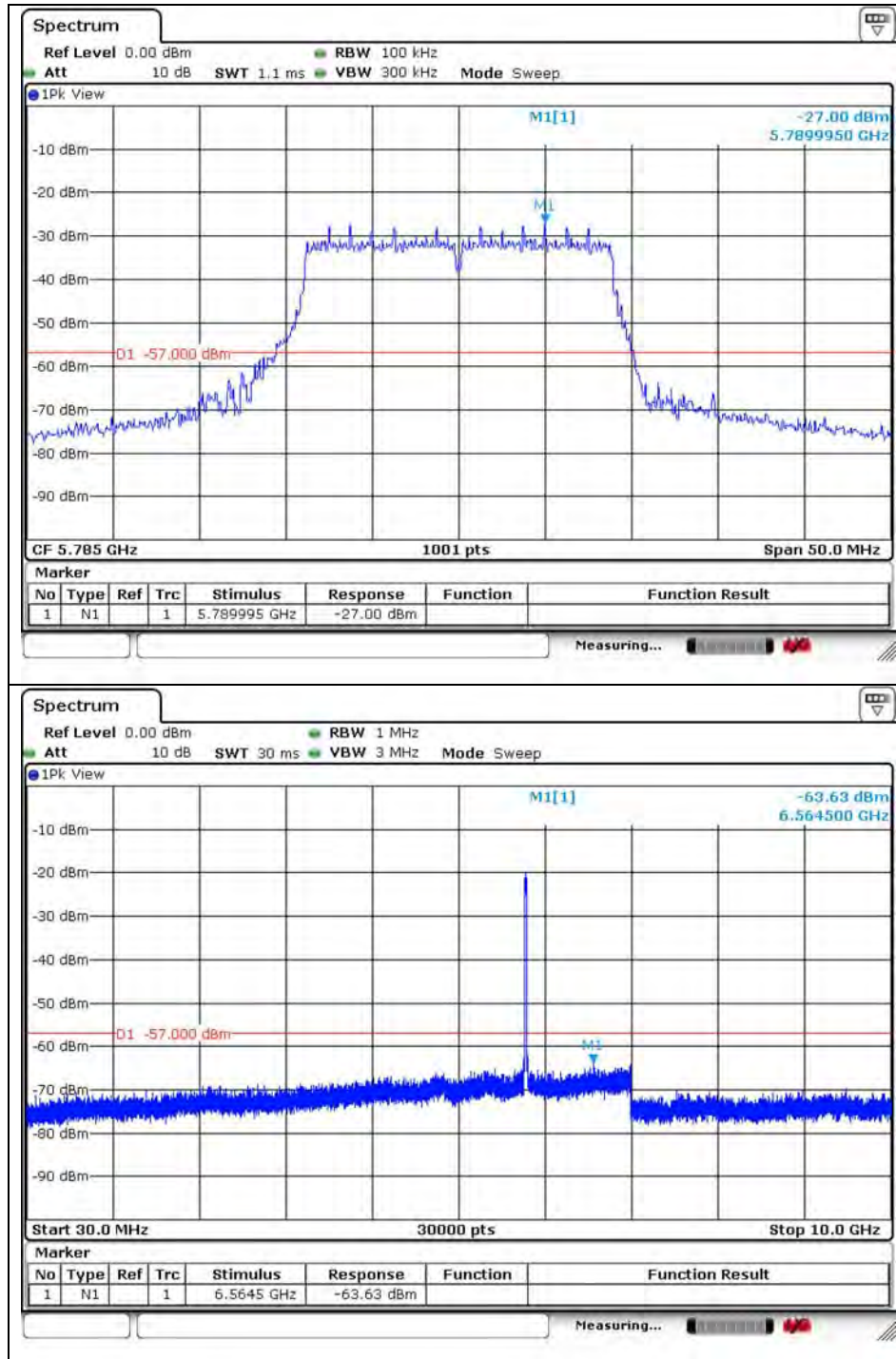
OFDM : 802.11n_HT20(MCS0)

Low Channel

Note:
Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)
Result (dB m) = Spurious offset (dB) + Reading values (dB m)

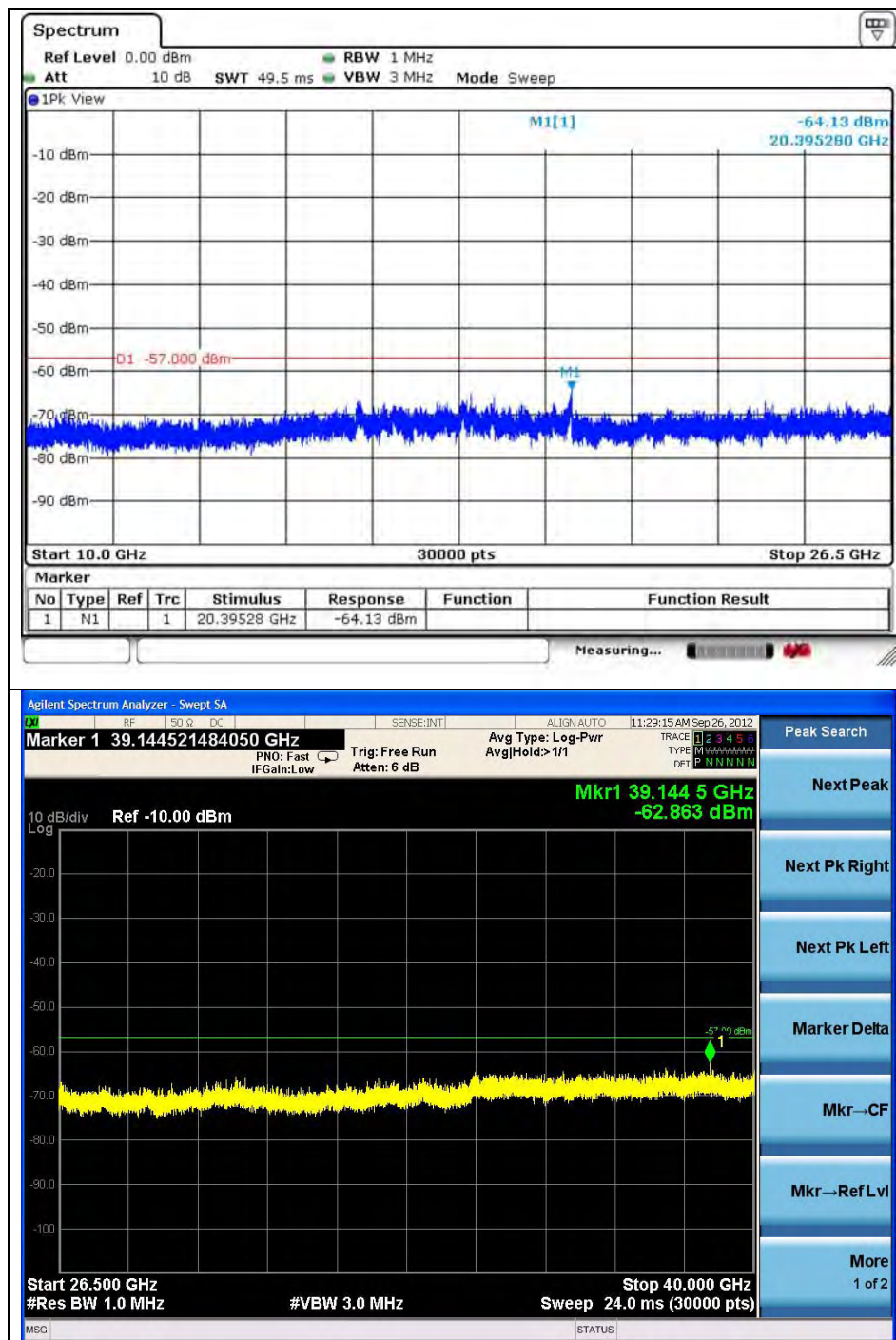| Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
5 725.00	23.49	-73.63	-50.14
6 924.09	23.90	-63.01	-39.11
20 397.48	-	Noise level	-
39 102.20	-	Noise level	-

Middle Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

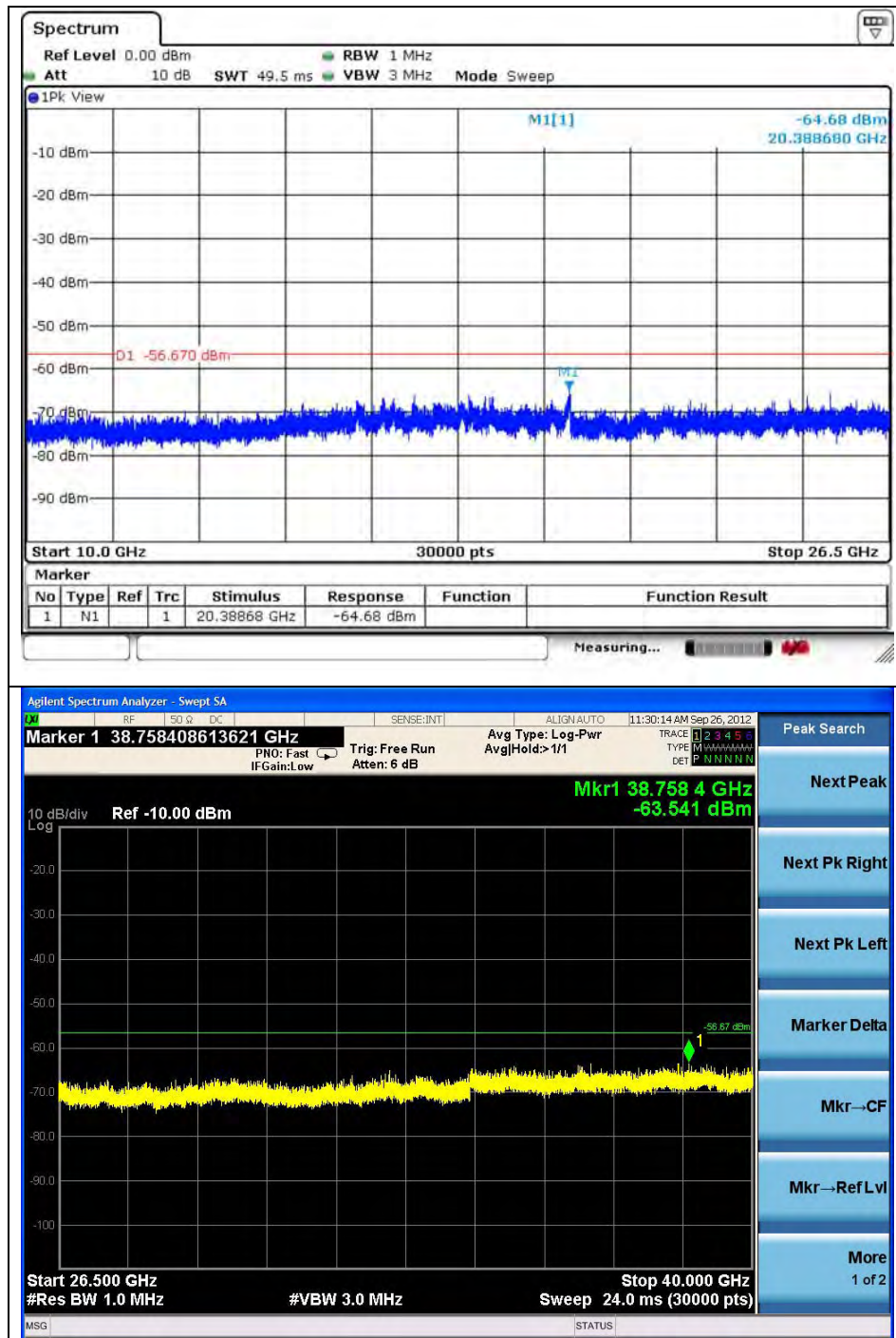Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
6 564.50	-	Noise level	-
20 395.28	-	Noise level	-
39 144.50	-	Noise level	-

High Channel
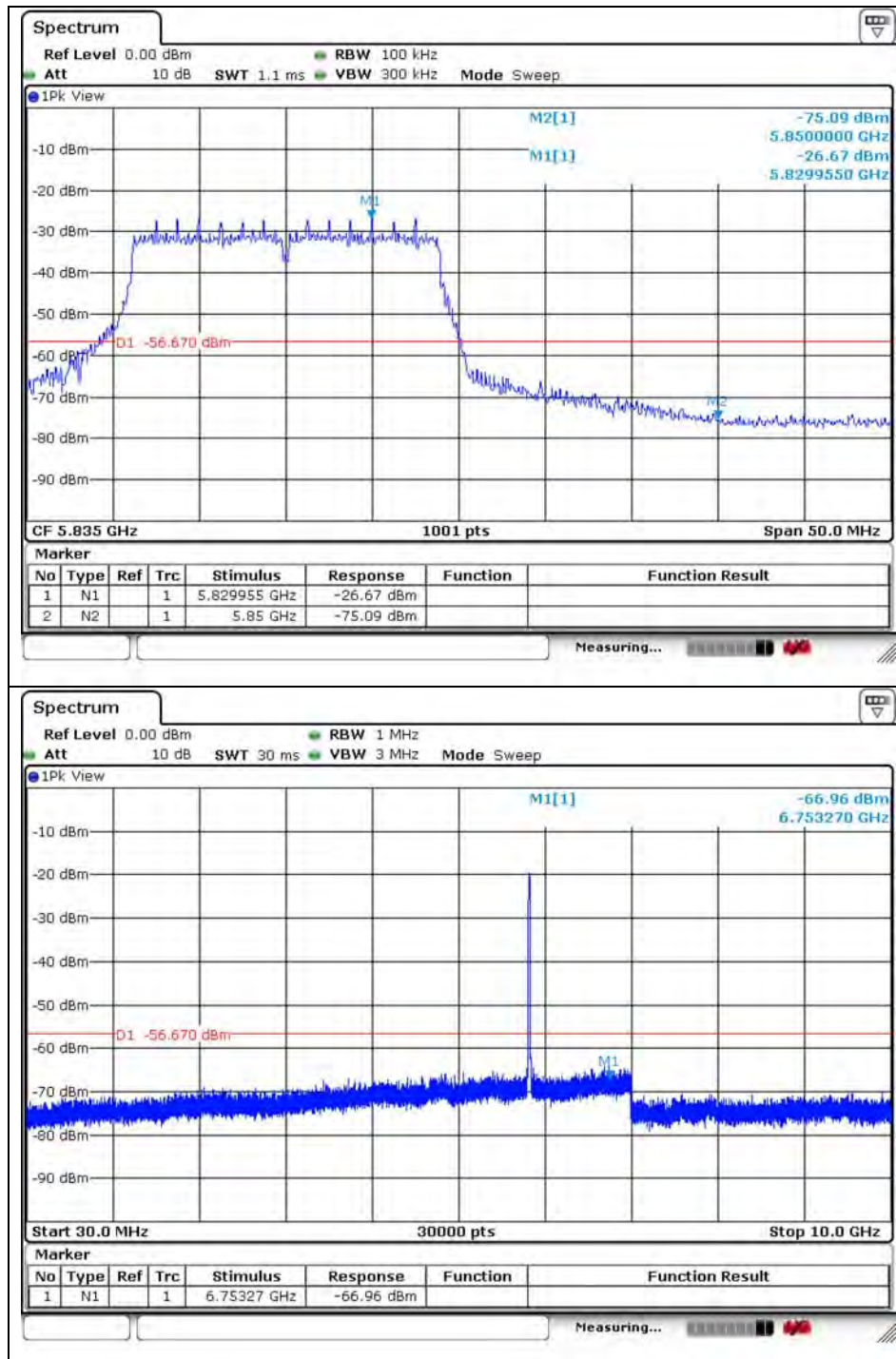
Note:
Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)
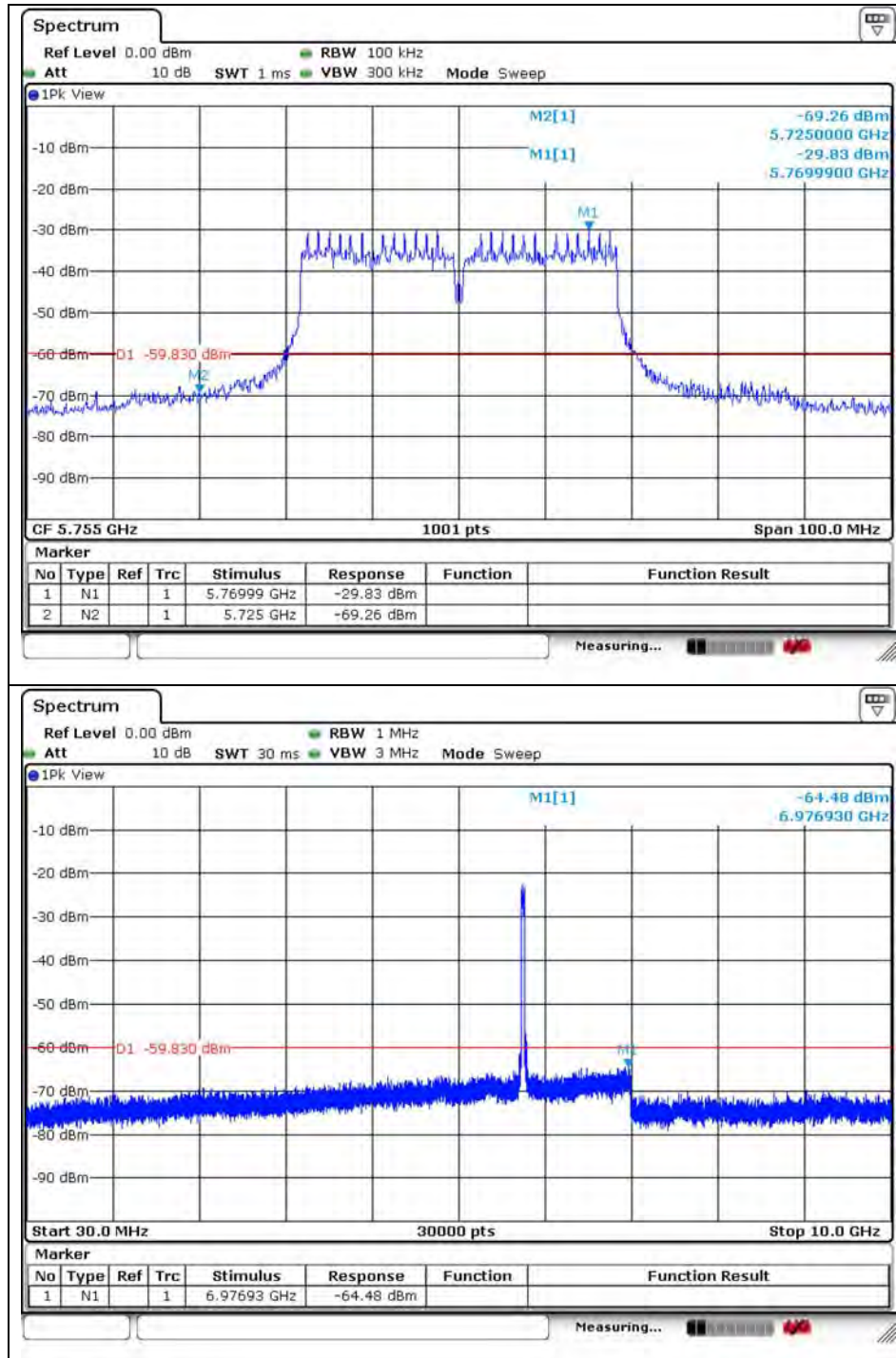Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
5 850 00	23.82	-75.09	-51.27
6 853.27	-	Noise level	
20 388.68	-	Noise level	-
38 758.40	-	Noise level	-

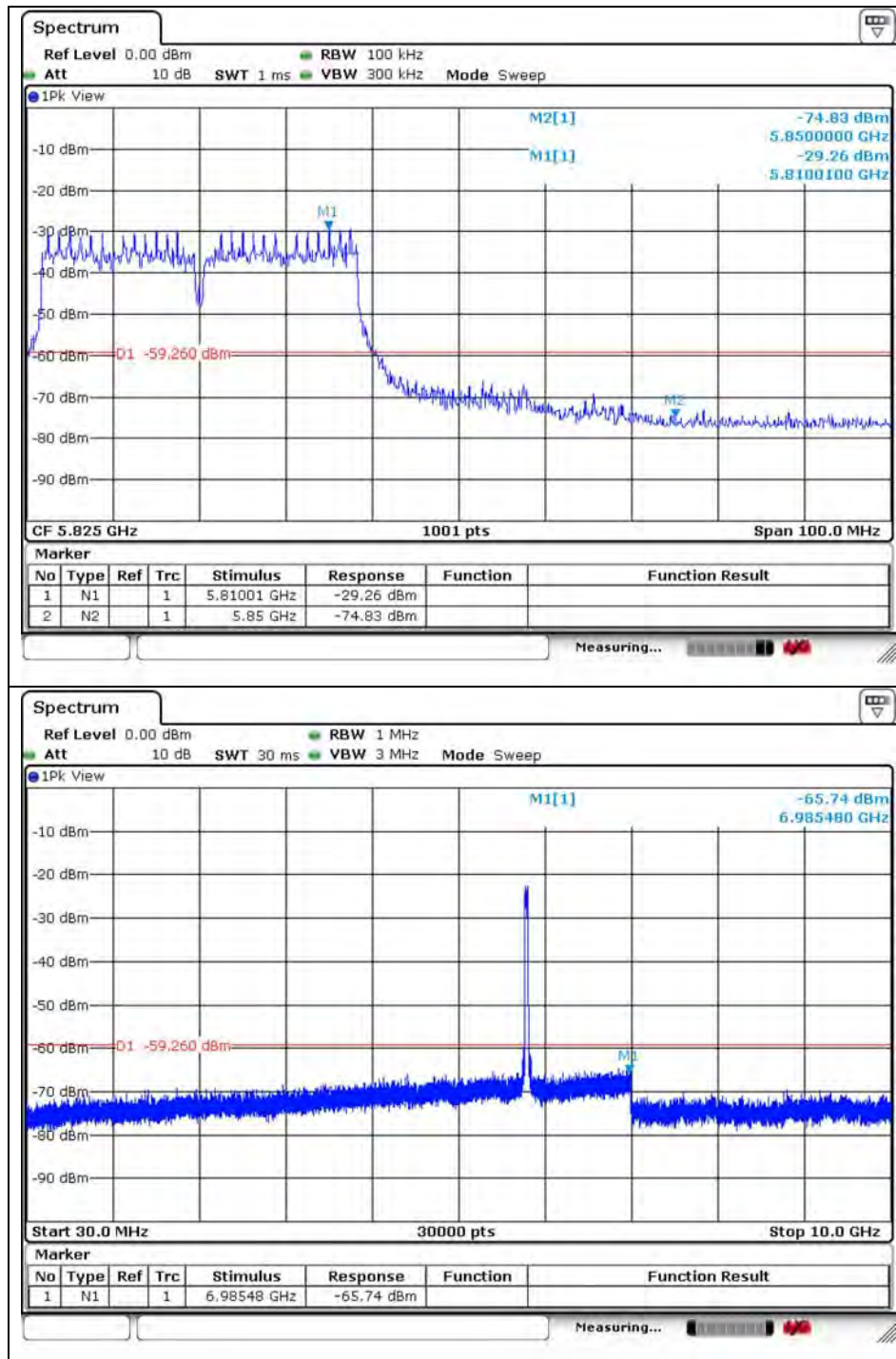**OFDM : 802.11n_HT40(MCS0)**

Low Channel
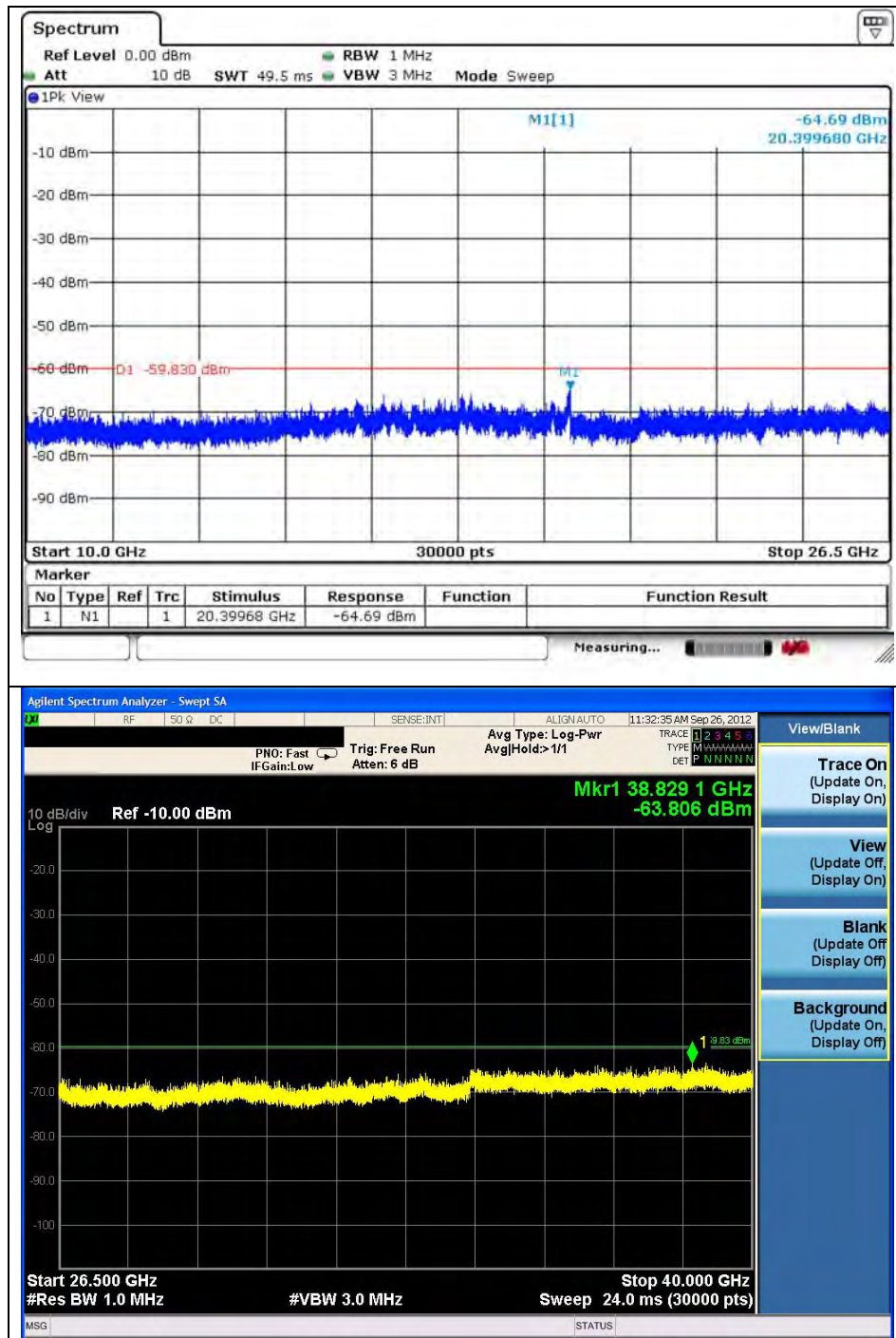
Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
5 725.00	23.49	-69.26	-36.68
6 976.93	-	Noise level	-
20 399.68	-	Noise level	-
38 829.10	-	Noise level	-

High Channel

Note:

Offset (dB) = Power Divider (dB) + Attenuator (dB) + Cable loss (dB)

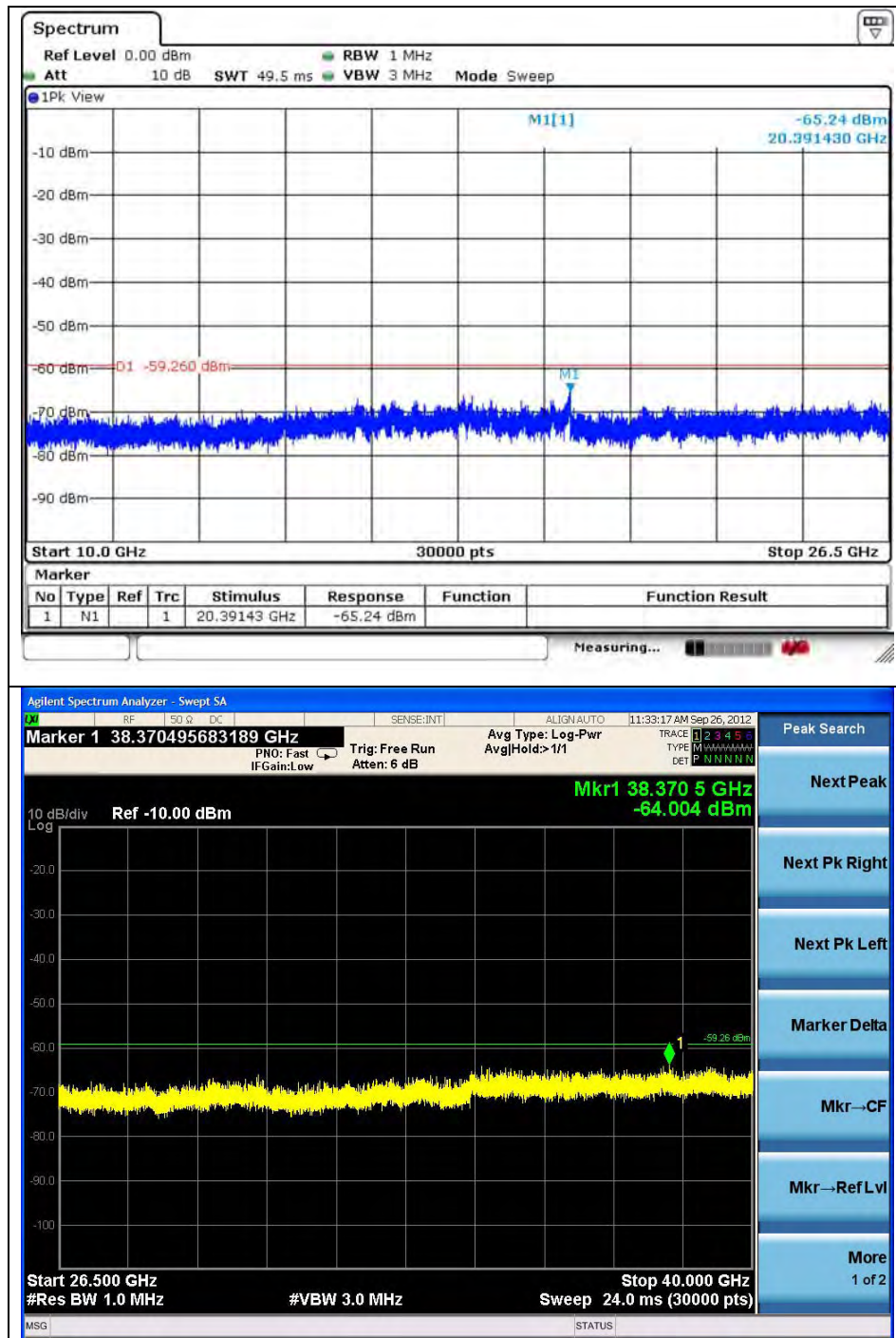Result (dB m) = Spurious offset (dB) + Reading values (dB m)

Frequency (MHz)	offset (dB)	Reading values (dB m)	Result (dB m)
5 850.00	23.82	-74.83	-51.01
6 985.48	-	Noise level	-
20.391.43	-	Noise level	-
38 370.50	-	Noise level	-