



KES Co., Ltd.

3701, 40, Simin-daero 365beon-gil,
Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Korea
Tel: +82-31-425-6200 / Fax: +82-31-424-0450
www.kes.co.kr

Report No.:

KES-RF1-22T0010

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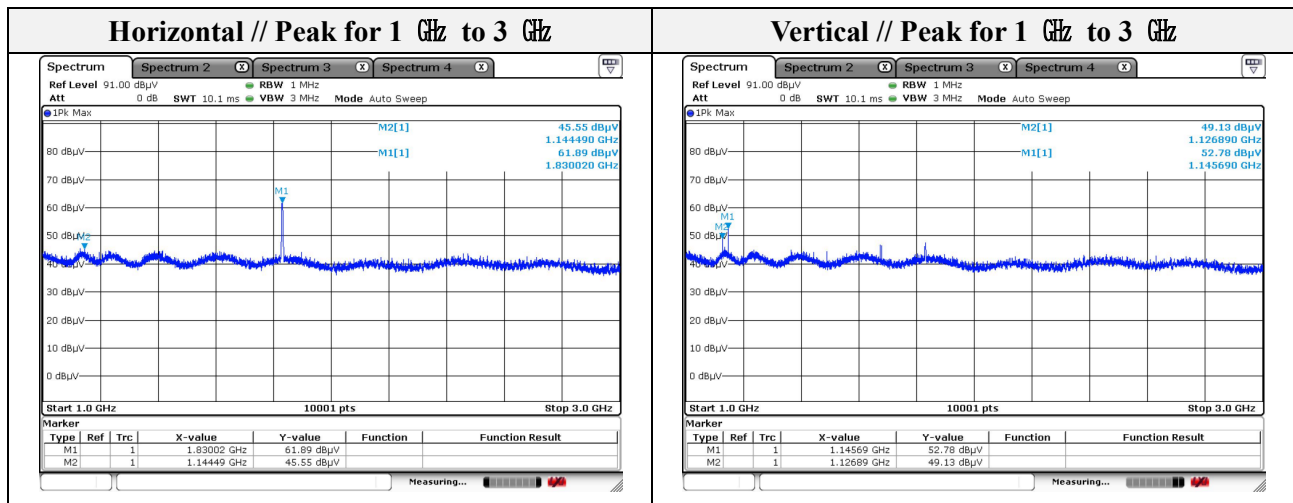
Distance of measurement: 3 meter

Mode: 802.11ah_2 MHz

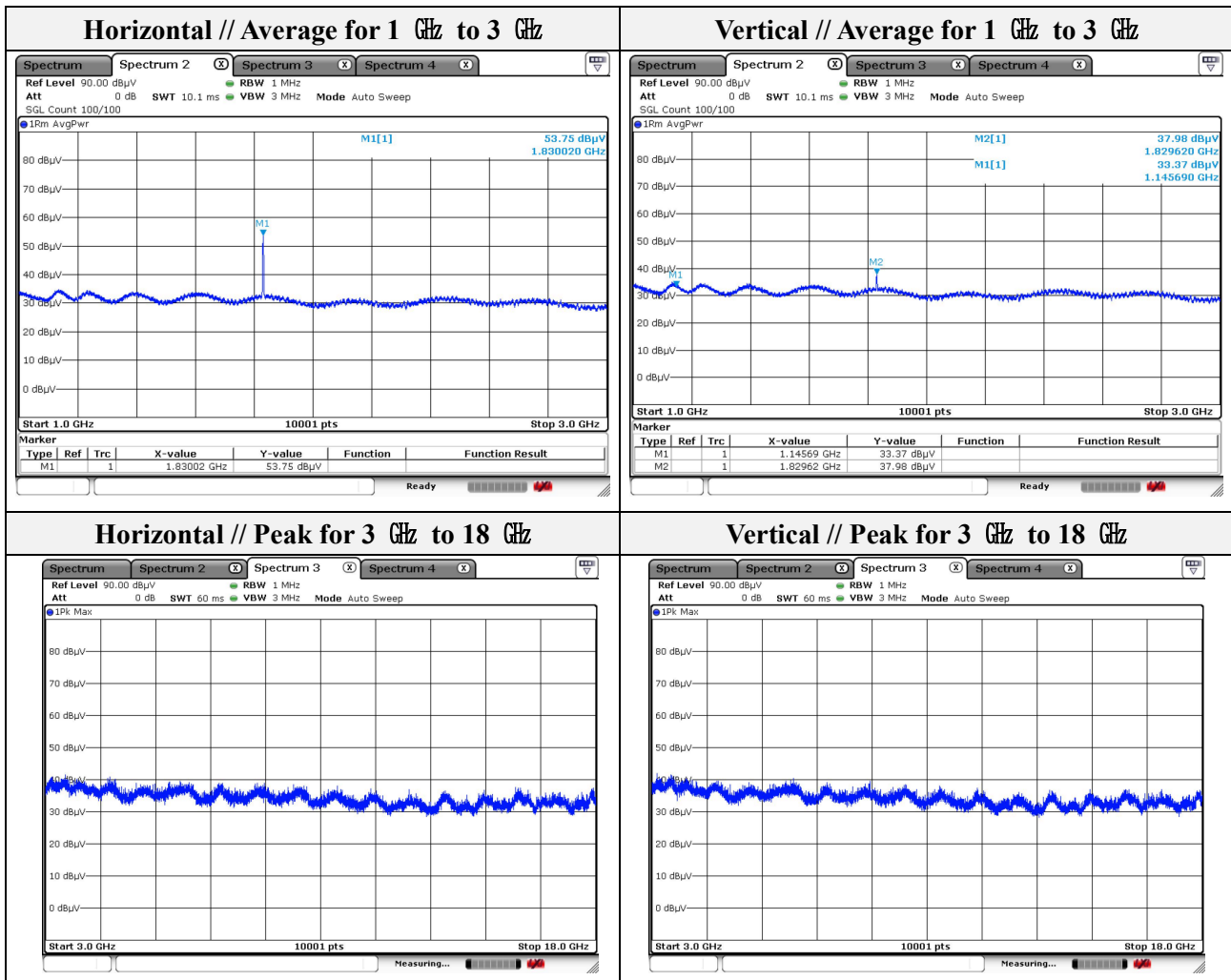
Channel: 06

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 126.89	49.13	Peak	V	-10.49	-	38.64	74.00	35.36
1 144.49	45.55	Peak	H	-10.39	-	35.16	74.00	38.84
1 145.69	52.78	Peak	V	-10.39	-	42.39	74.00	31.61
1 145.69	33.37	Average	V	-10.39	0.86	23.84	54.00	30.16
1 830.02	61.89	Peak	H	-5.84	-	56.05	74.00	17.95
1 830.02	53.75	Average	H	-5.84	0.86	48.77	54.00	5.23
1 829.62	37.98	Average	V	-5.84	0.86	33.00	54.00	21.00



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The authenticity of the test report, contact shchoi@kes.co.kr



Note.

1. No spurious emission were detected at horizontal above 3 GHz.



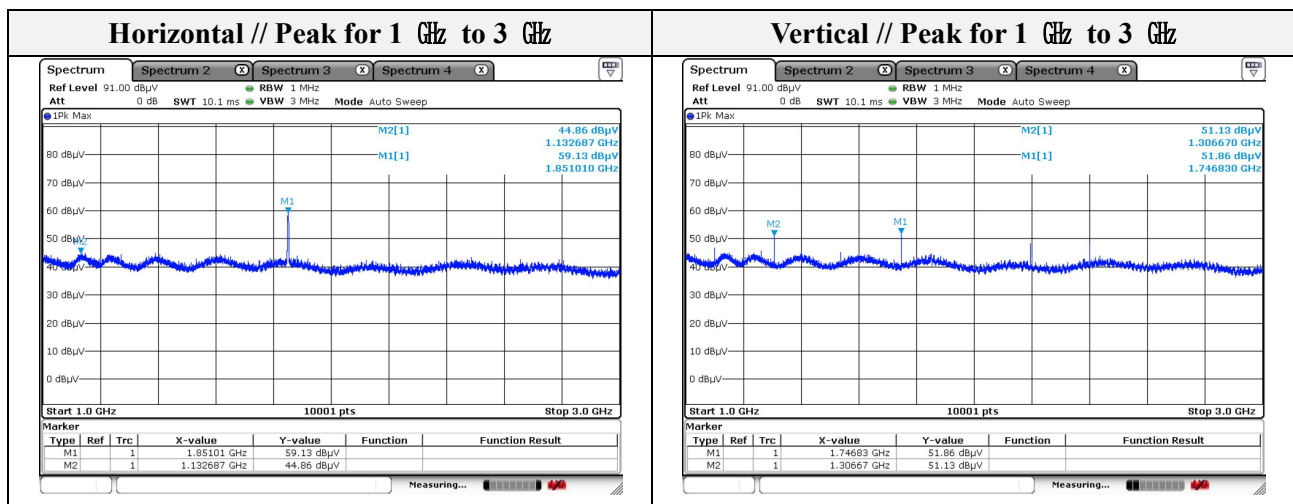
Distance of measurement: 3 meter

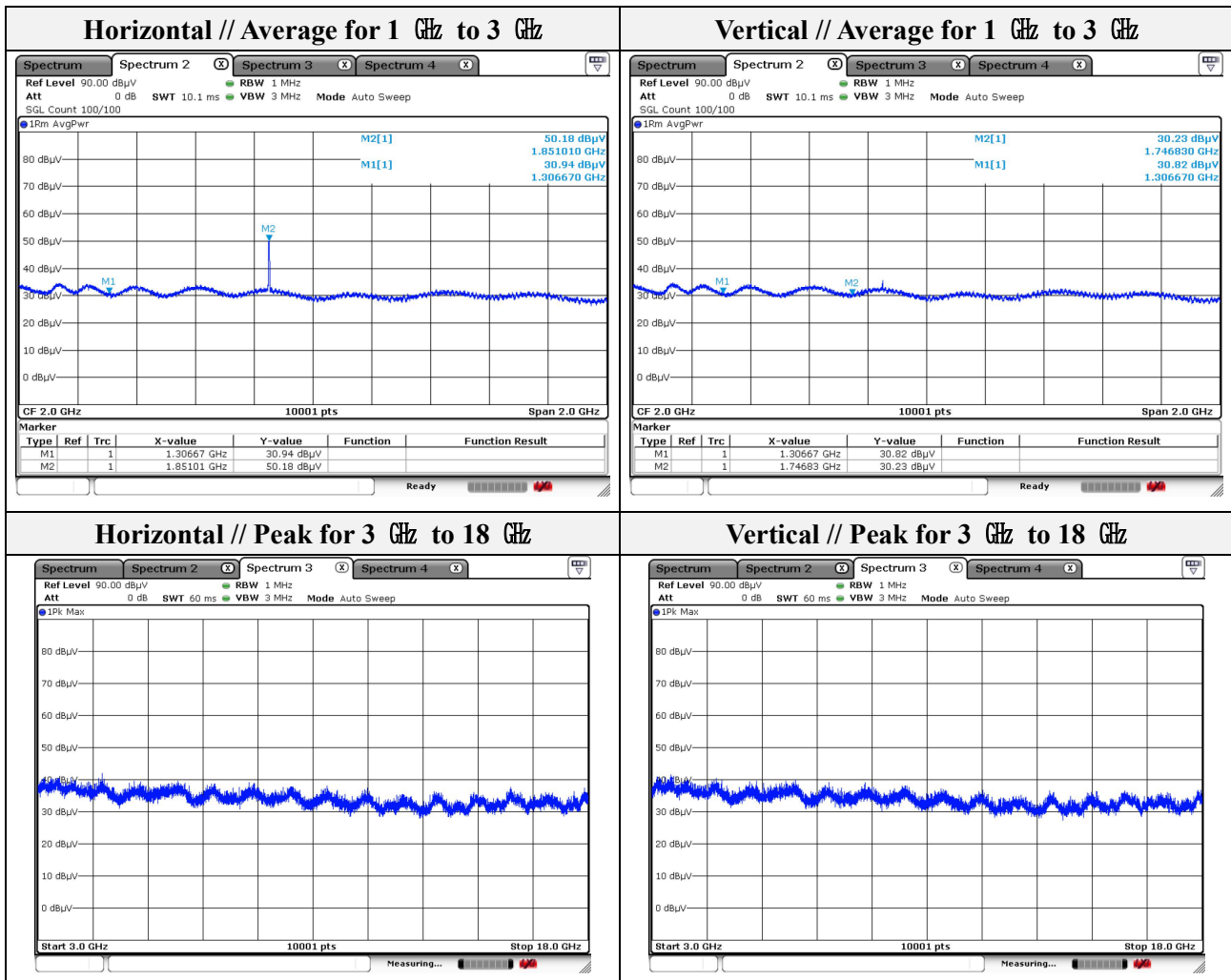
Mode: 802.11ah_2 MHz

Channel: 11

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 132.69	44.86	Peak	H	-10.46	-	34.40	74.00	39.60
1 306.67	51.13	Peak	V	-9.53	-	41.60	74.00	32.40
1 306.67	30.82	Average	V	-9.53	0.86	22.15	54.00	31.85
1 746.83	51.86	Peak	V	-6.50	-	45.36	74.00	28.64
1 746.83	30.23	Average	V	-6.50	0.86	24.59	54.00	29.41
1 851.01	59.13	Peak	H	-5.66	-	53.47	74.00	20.53
1 851.01	50.18	Average	H	-5.66	0.86	45.38	54.00	8.62





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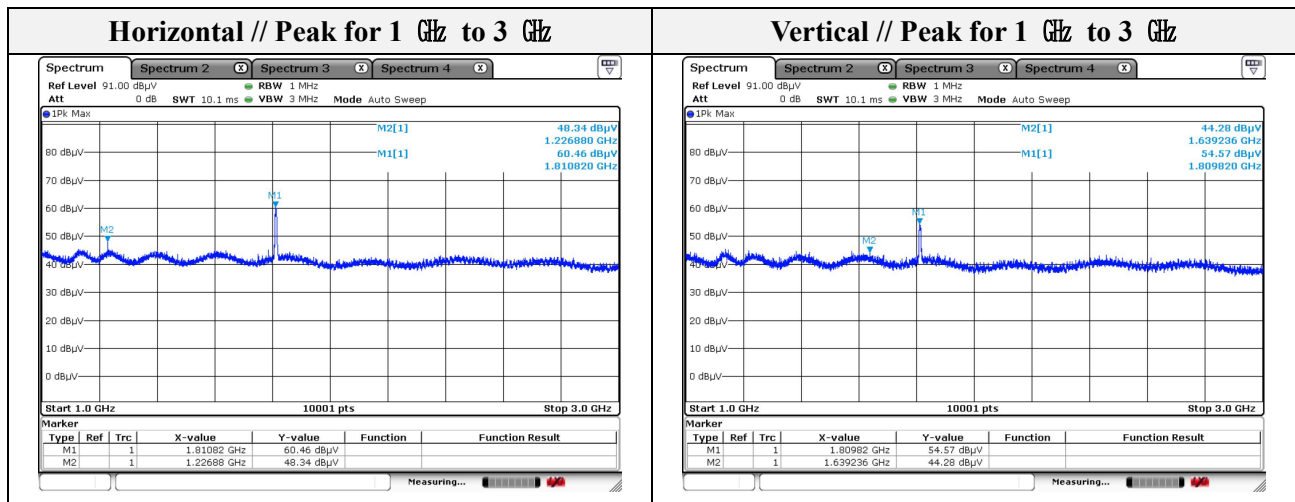
Distance of measurement: 3 meter

Mode: 802.11ah_4 MHz

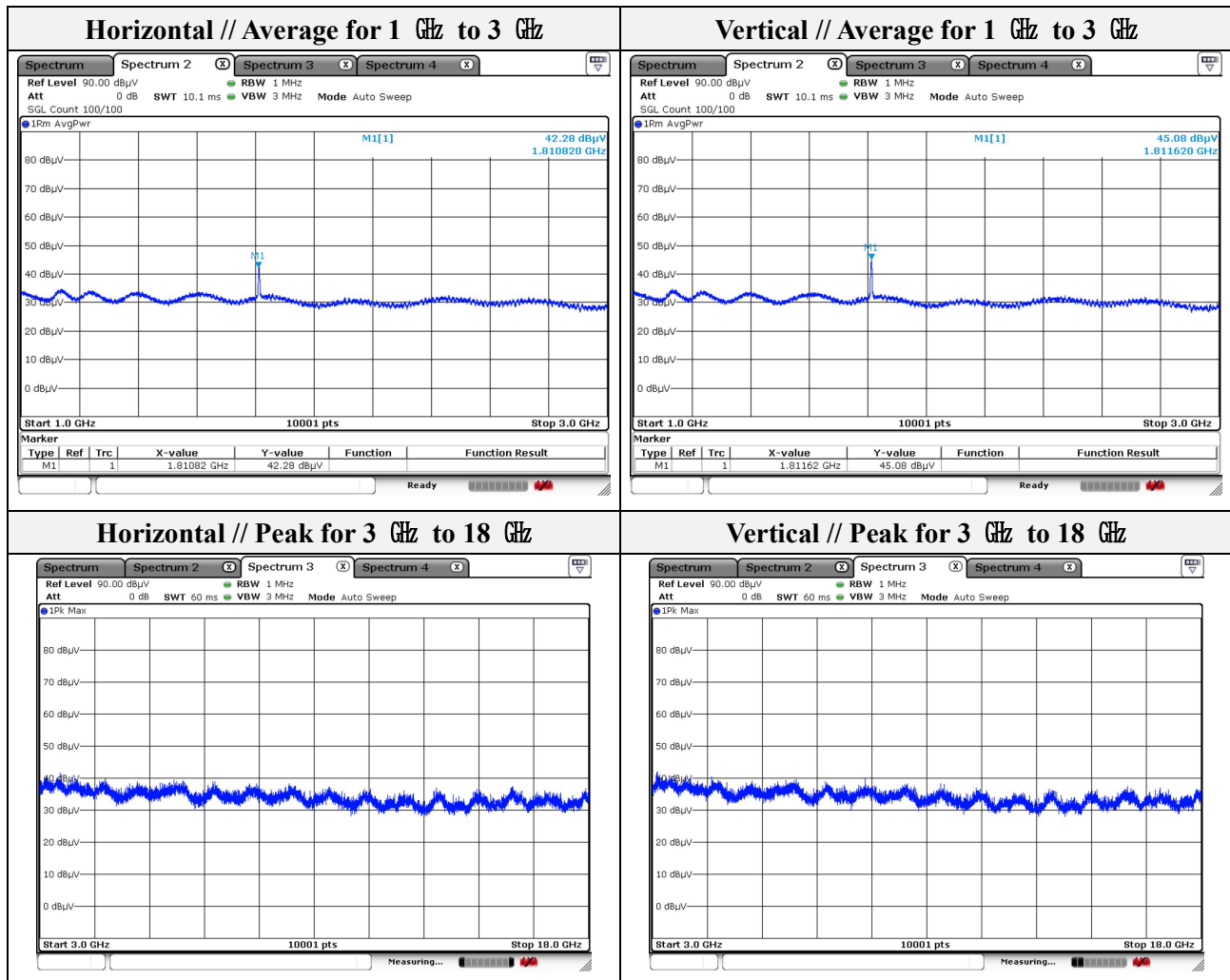
Channel: 01

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 226.88	48.34	Peak	H	-9.95	-	38.39	74.00	35.61
1 639.24	44.28	Peak	V	-7.34	-	36.94	74.00	37.06
1 809.82	54.57	Peak	V	-6.00	-	48.57	74.00	25.43
1 809.82	45.08	Average	V	-6.00	2.11	41.19	54.00	12.81
1 810.82	60.46	Peak	H	-6.00	-	54.46	74.00	19.54
1 810.82	42.28	Average	H	-6.00	2.11	38.39	54.00	15.61



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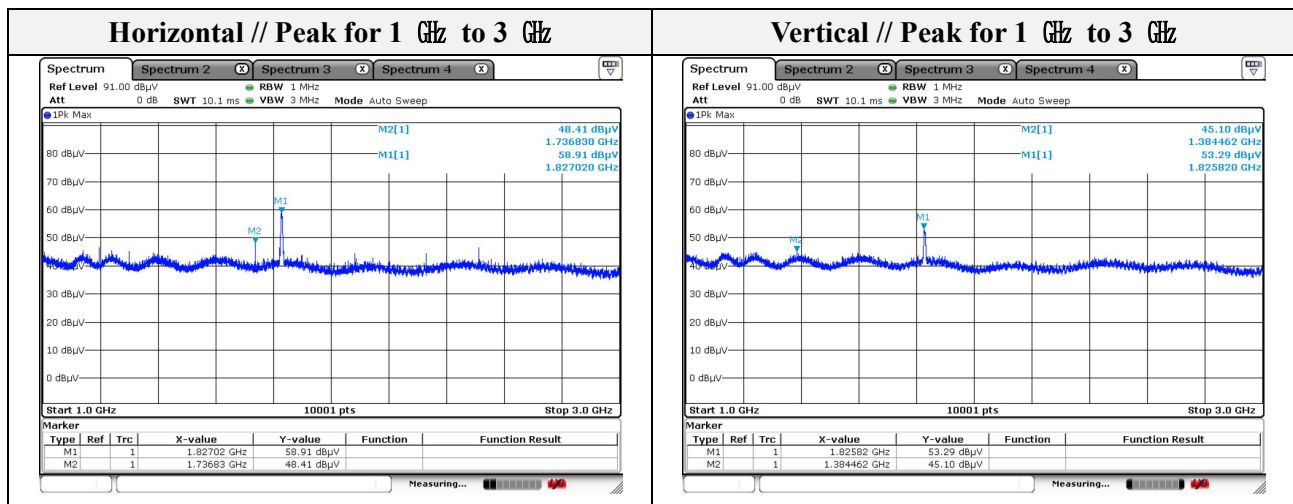
Distance of measurement: 3 meter

Mode: 802.11ah_4 MHz

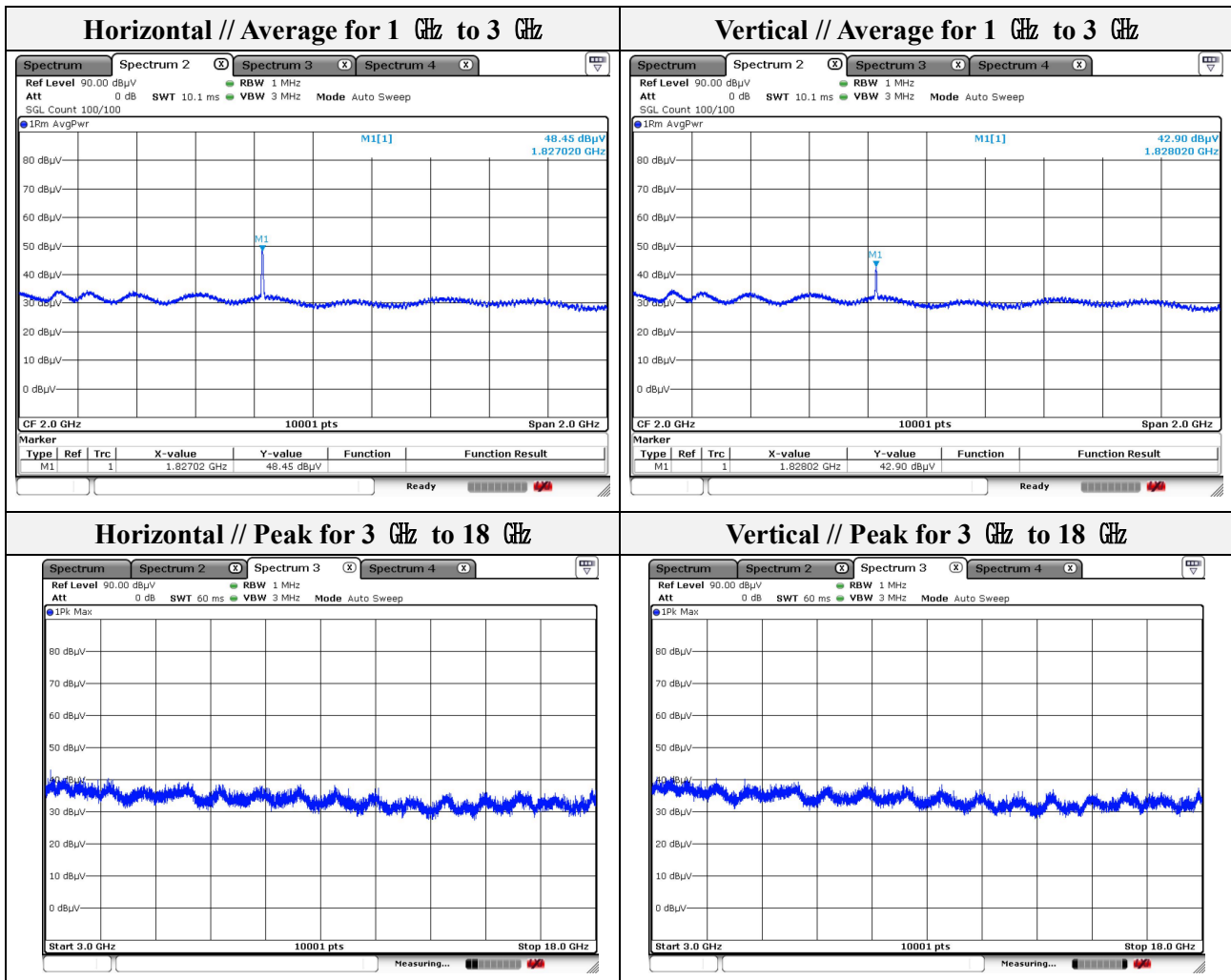
Channel: 03

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 384.46	45.10	Peak	V	-9.11	-	35.99	74.00	38.01
1 736.83	48.41	Peak	H	-6.58	-	41.83	74.00	32.17
1 825.82	53.29	Peak	V	-5.87	-	47.42	74.00	26.58
1 825.82	42.90	Average	V	-5.87	2.11	39.14	54.00	14.86
1 827.02	58.91	Peak	H	-5.86	-	53.05	74.00	20.95
1 827.02	48.45	Average	H	-5.86	2.11	44.70	54.00	9.30



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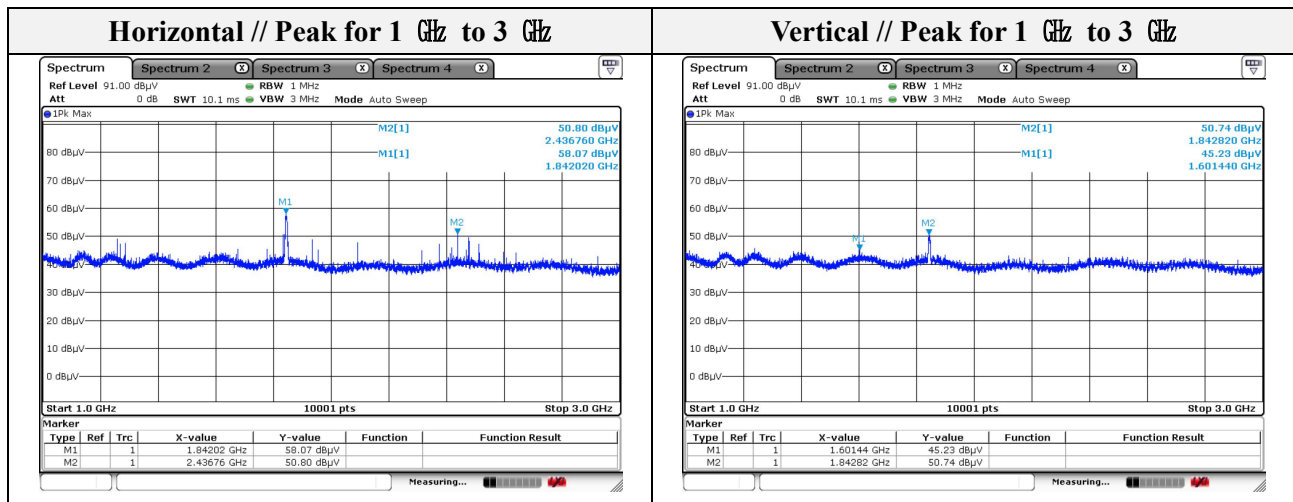
Distance of measurement: 3 meter

Mode: 802.11ah_4 MHz

Channel: 05

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 601.44	45.23	Peak	V	-7.64	-	37.59	74.00	36.41
1 842.02	58.07	Peak	H	-5.74	-	52.33	74.00	21.67
1 842.02	48.59	Average	H	-5.74	2.11	44.96	54.00	9.04
1 842.82	50.74	Peak	V	-5.73	-	45.01	74.00	28.99
1 842.82	40.95	Average	V	-5.73	2.11	37.33	54.00	16.67
2 436.76	50.80	Peak	H	-2.58	-	48.22	74.00	25.78



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