

**KES Co., Ltd.**

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Tel: +82-31-425-6200 / Fax: +82-31-424-0450  
www.kes.co.kr

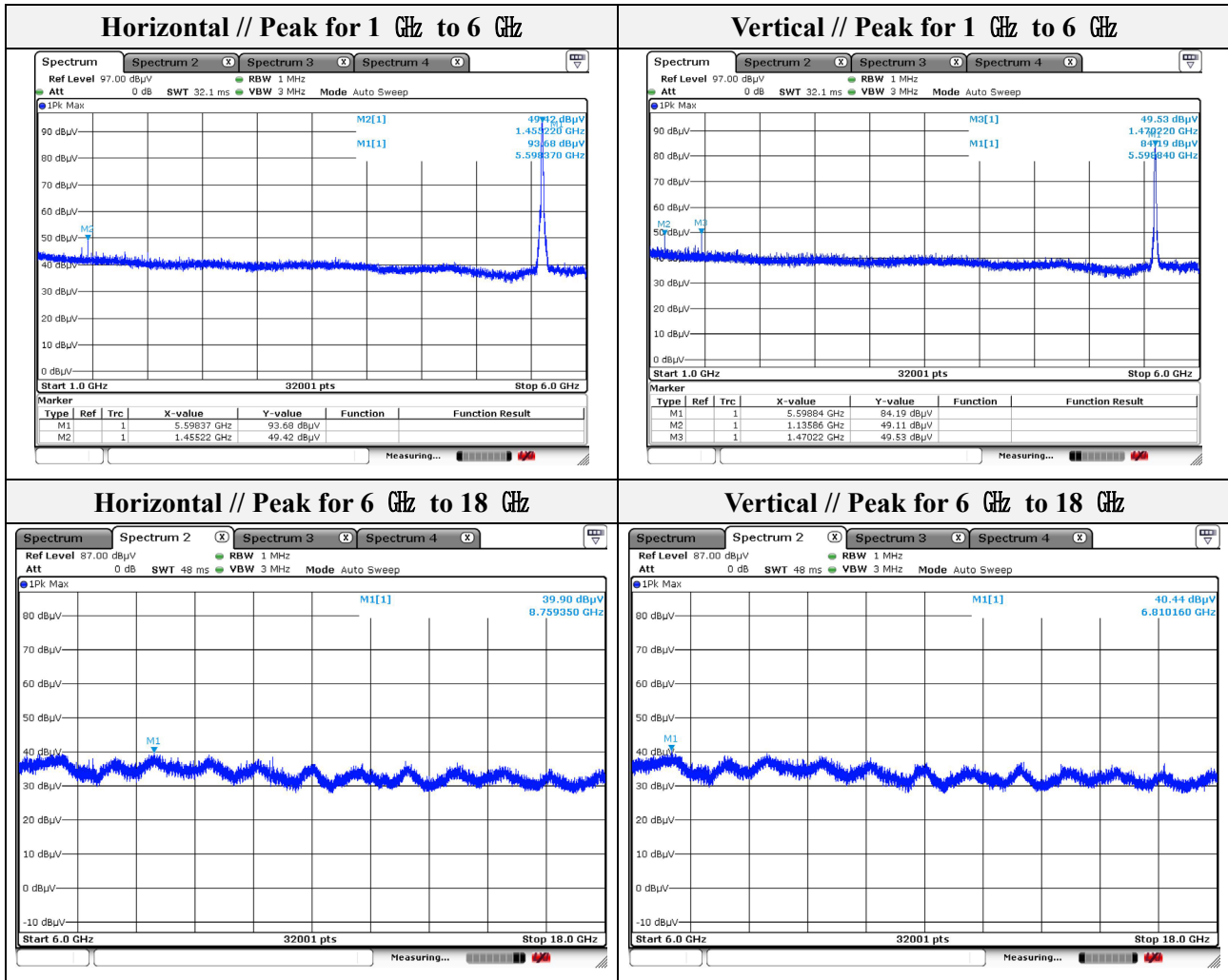
Report No.:  
KES-RF-23T0039  
Page (56) of (84)

Mode: 802.11a\_ANT 1  
Distance of measurement: 3 meter  
Channel: 120

**- Spurious**

| Frequency<br>(MHz) | Level<br>(dBμV) | Detect mode | Ant. Pol.<br>(H/V) | CF<br>(dB) | DCF<br>(dB) | Field strength<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) |
|--------------------|-----------------|-------------|--------------------|------------|-------------|----------------------------|-------------------|----------------|
| 1 135.86           | 49.11           | Peak        | V                  | -9.07      | -           | 40.04                      | 74.00             | 33.96          |
| 1 455.22           | 49.42           | Peak        | H                  | -6.80      | -           | 42.62                      | 74.00             | 31.38          |
| 1 470.22           | 49.53           | Peak        | V                  | -6.76      | -           | 42.77                      | 74.00             | 31.23          |
| 6 810.16           | 40.44           | Peak        | V                  | 8.91       | -           | 49.35                      | 68.23             | 18.88          |
| 8 759.35           | 39.90           | Peak        | H                  | 12.34      | -           | 52.24                      | 68.23             | 15.99          |

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Note.

1. Average test would be performed if the peak result were greater than the average limit.

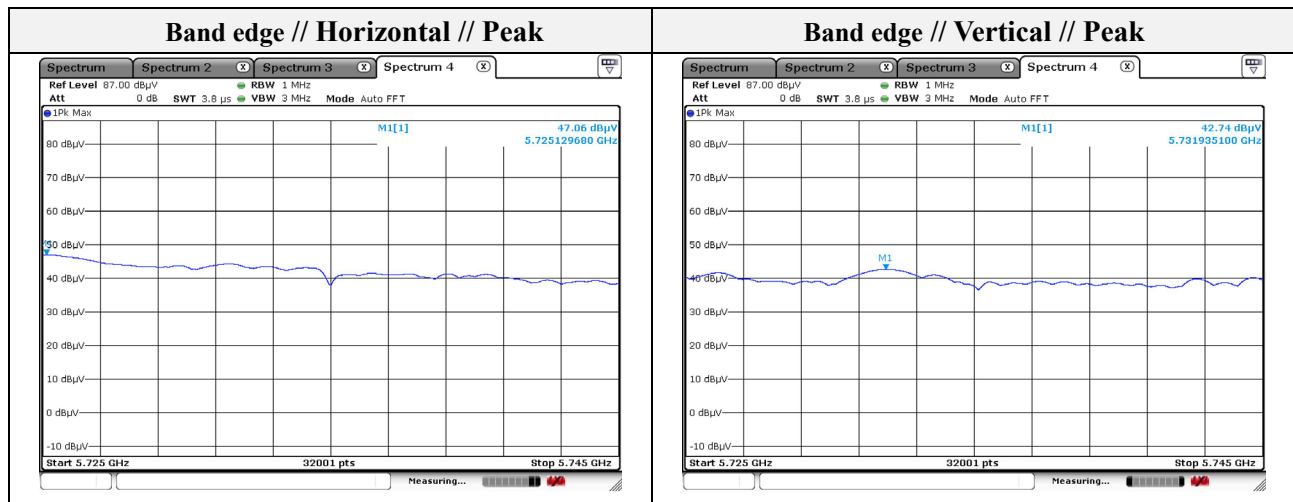
Mode: 802.11a\_ANT 1  
 Distance of measurement: 3 meter  
 Channel: 140

- Spurious

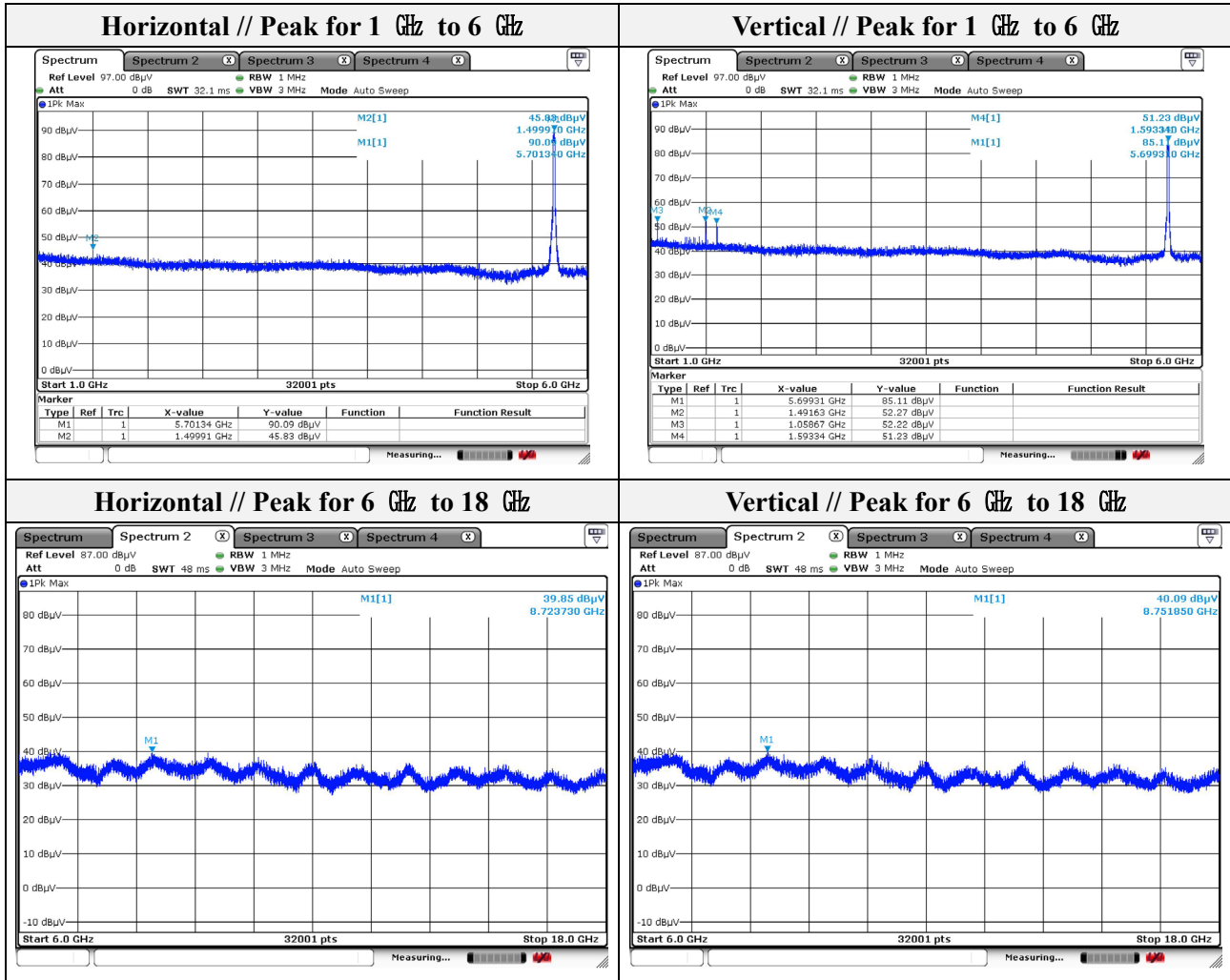
| Frequency (MHz) | Level (dBμV) | Detect mode | Ant. Pol. (H/V) | CF (dB) | DCF (dB) | Field strength (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----------------|--------------|-------------|-----------------|---------|----------|-------------------------|----------------|-------------|
| 1 058.67        | 52.22        | Peak        | V               | -9.58   | -        | 42.64                   | 74.00          | 31.36       |
| 1 491.63        | 52.27        | Peak        | V               | -6.70   | -        | 45.57                   | 74.00          | 28.43       |
| 1 499.91        | 45.83        | Peak        | H               | -6.67   | -        | 39.16                   | 74.00          | 34.84       |
| 1 593.34        | 51.23        | Peak        | V               | -6.08   | -        | 45.15                   | 74.00          | 28.85       |
| 8 723.73        | 39.85        | Peak        | H               | 12.47   | -        | 52.32                   | 68.23          | 15.91       |
| 8 751.85        | 40.09        | Peak        | V               | 12.37   | -        | 52.46                   | 68.23          | 15.77       |

- Band edge

| Frequency (MHz) | Level (dBμV) | Detect mode | Ant. Pol. (H/V) | CF (dB) | DCF (dB) | Field strength (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----------------|--------------|-------------|-----------------|---------|----------|-------------------------|----------------|-------------|
| 5 725.13        | 47.06        | Peak        | H               | 7.94    | -        | 55.00                   | 68.23          | 13.23       |
| 5 731.94        | 42.74        | Peak        | V               | 7.99    | -        | 50.73                   | 68.23          | 17.50       |



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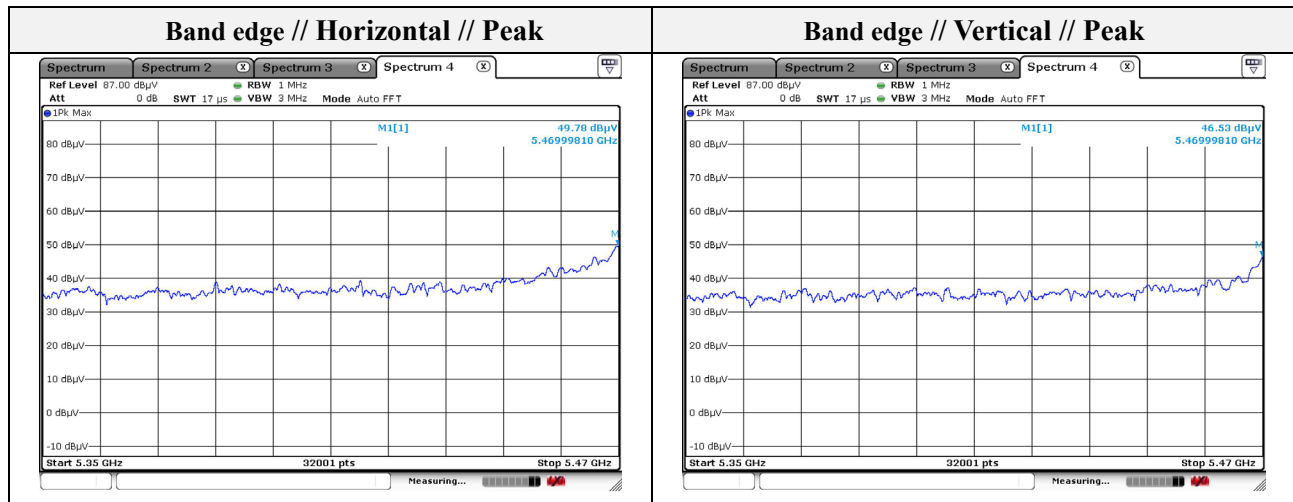
Mode: 802.11a\_ANT 2  
 Distance of measurement: 3 meter  
 Channel: 100

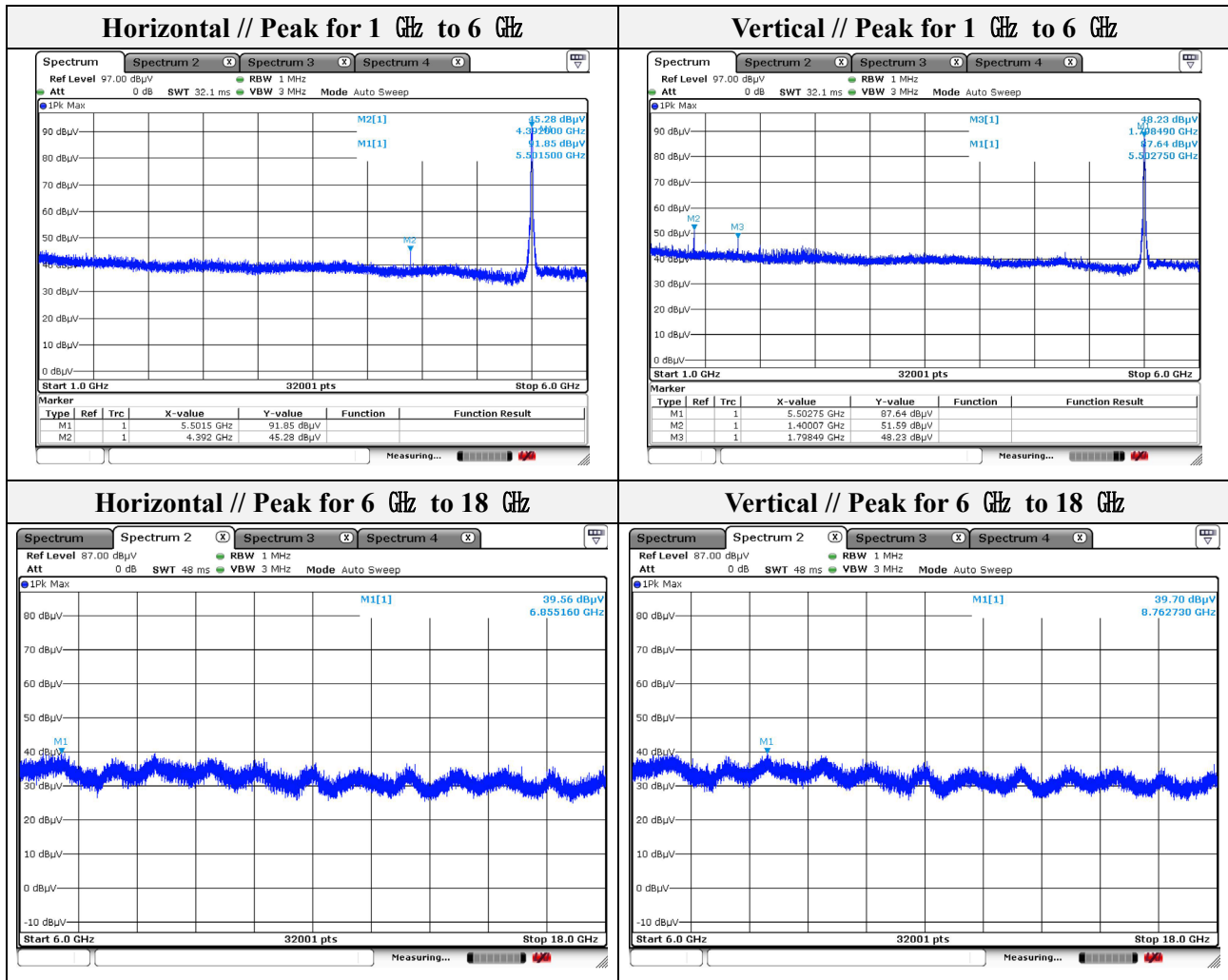
- Spurious

| Frequency (MHz) | Level (dBμV) | Detect mode | Ant. Pol. (H/V) | CF (dB) | DCF (dB) | Field strength (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----------------|--------------|-------------|-----------------|---------|----------|-------------------------|----------------|-------------|
| 1 400.07        | 51.59        | Peak        | V               | -6.97   | -        | 44.62                   | 74.00          | 29.38       |
| 1 798.49        | 48.23        | Peak        | V               | -3.54   | -        | 44.69                   | 68.23          | 23.54       |
| 4 392.00        | 45.28        | Peak        | H               | 3.36    | -        | 48.64                   | 74.00          | 25.36       |
| 6 855.16        | 39.56        | Peak        | H               | 9.10    | -        | 48.66                   | 68.23          | 19.57       |
| 8 762.73        | 39.70        | Peak        | V               | 12.33   | -        | 52.03                   | 68.23          | 16.20       |

- Band edge

| Frequency (MHz) | Level (dBμV) | Detect mode | Ant. Pol. (H/V) | CF (dB) | DCF (dB) | Field strength (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----------------|--------------|-------------|-----------------|---------|----------|-------------------------|----------------|-------------|
| 5 469.98        | 49.78        | Peak        | H               | 7.01    | -        | 56.79                   | 68.23          | 11.44       |
| 5 469.98        | 46.53        | Peak        | V               | 7.01    | -        | 53.54                   | 68.23          | 14.69       |





Note.

1. Average test would be performed if the peak result were greater than the average limit.

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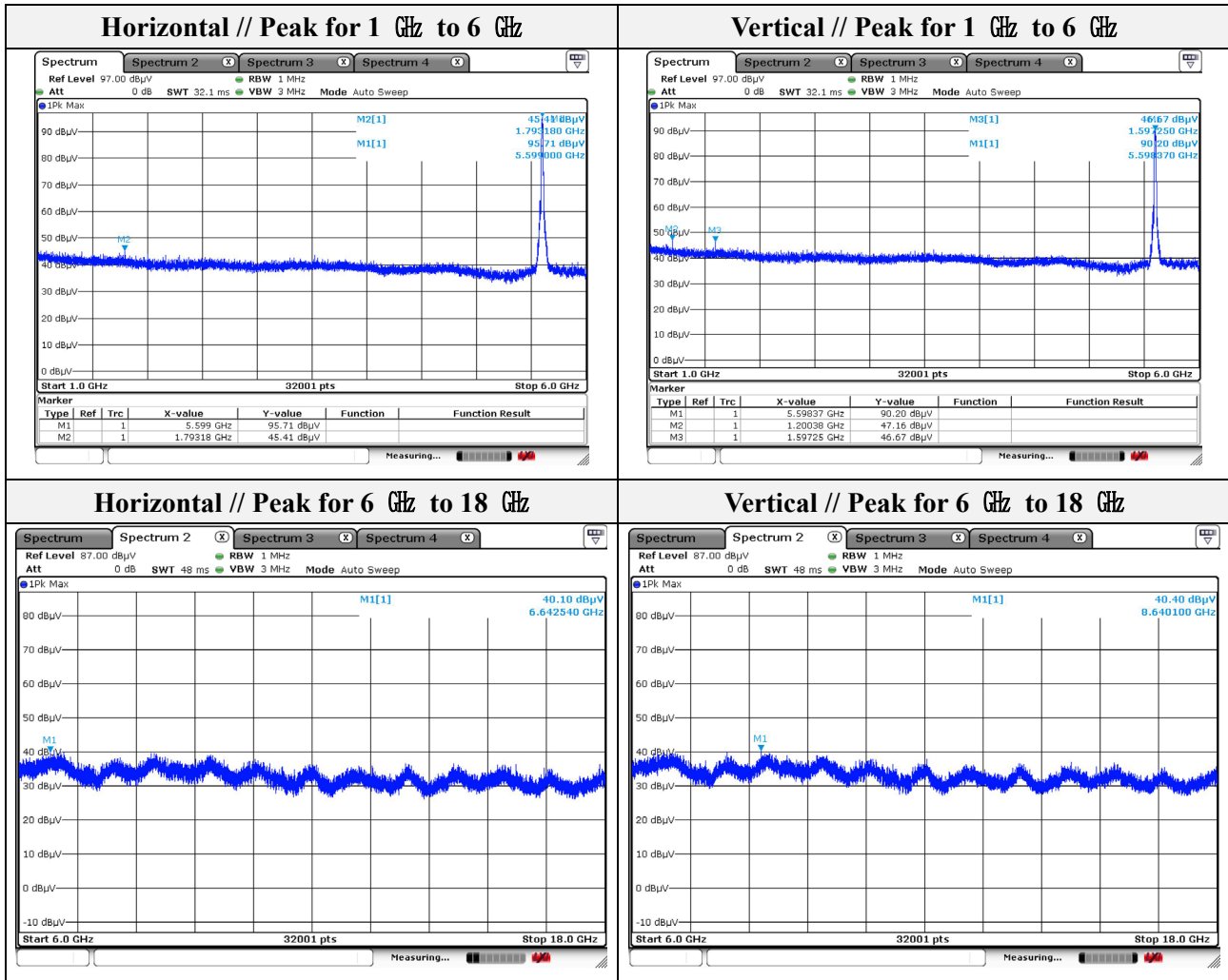
Report No.:  
KES-RF-23T0039  
Page (62) of (84)

Mode: 802.11a\_ANT 2  
Distance of measurement: 3 meter  
Channel: 120

**- Spurious**

| Frequency<br>(MHz) | Level<br>(dBμV) | Detect mode | Ant. Pol.<br>(H/V) | CF<br>(dB) | DCF<br>(dB) | Field strength<br>(dBμV/m) | Limit<br>(dBμV/m) | Margin<br>(dB) |
|--------------------|-----------------|-------------|--------------------|------------|-------------|----------------------------|-------------------|----------------|
| 1 200.38           | 47.16           | Peak        | V                  | -8.64      | -           | 38.52                      | 74.00             | 35.48          |
| 1 597.25           | 46.67           | Peak        | V                  | -6.05      | -           | 40.62                      | 74.00             | 33.38          |
| 1 793.18           | 45.41           | Peak        | H                  | -3.61      | -           | 41.80                      | 68.23             | 26.43          |
| 6 642.54           | 40.10           | Peak        | H                  | 8.67       | -           | 48.77                      | 68.23             | 19.46          |
| 8 640.10           | 40.40           | Peak        | V                  | 12.78      | -           | 53.18                      | 68.23             | 15.05          |

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Note.

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Report No.:  
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Page (64) of (84)

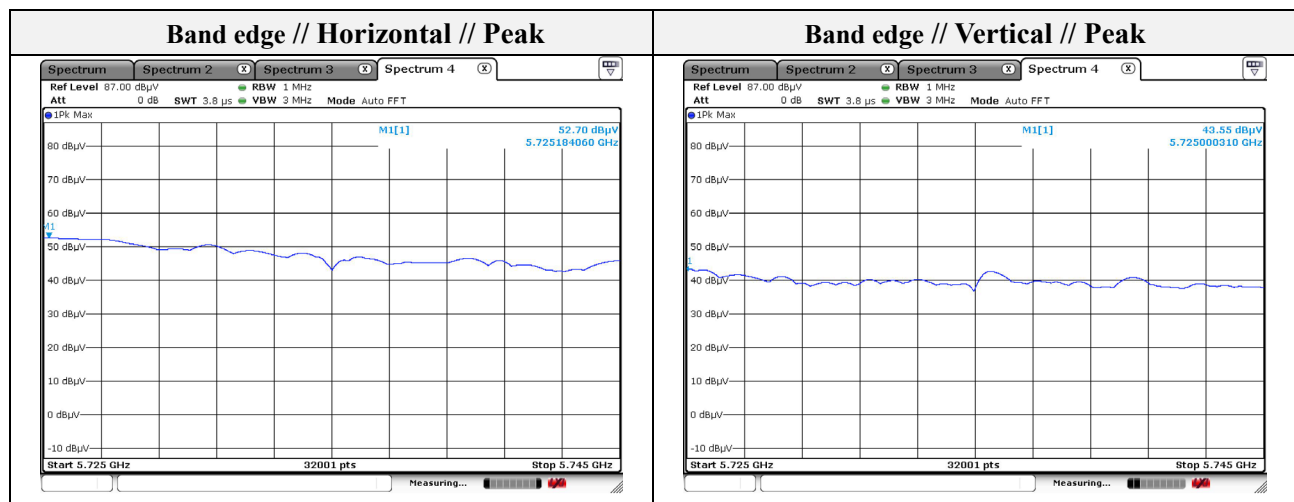
Mode: 802.11a\_ANT 2  
Distance of measurement: 3 meter  
Channel: 140

## - Spurious

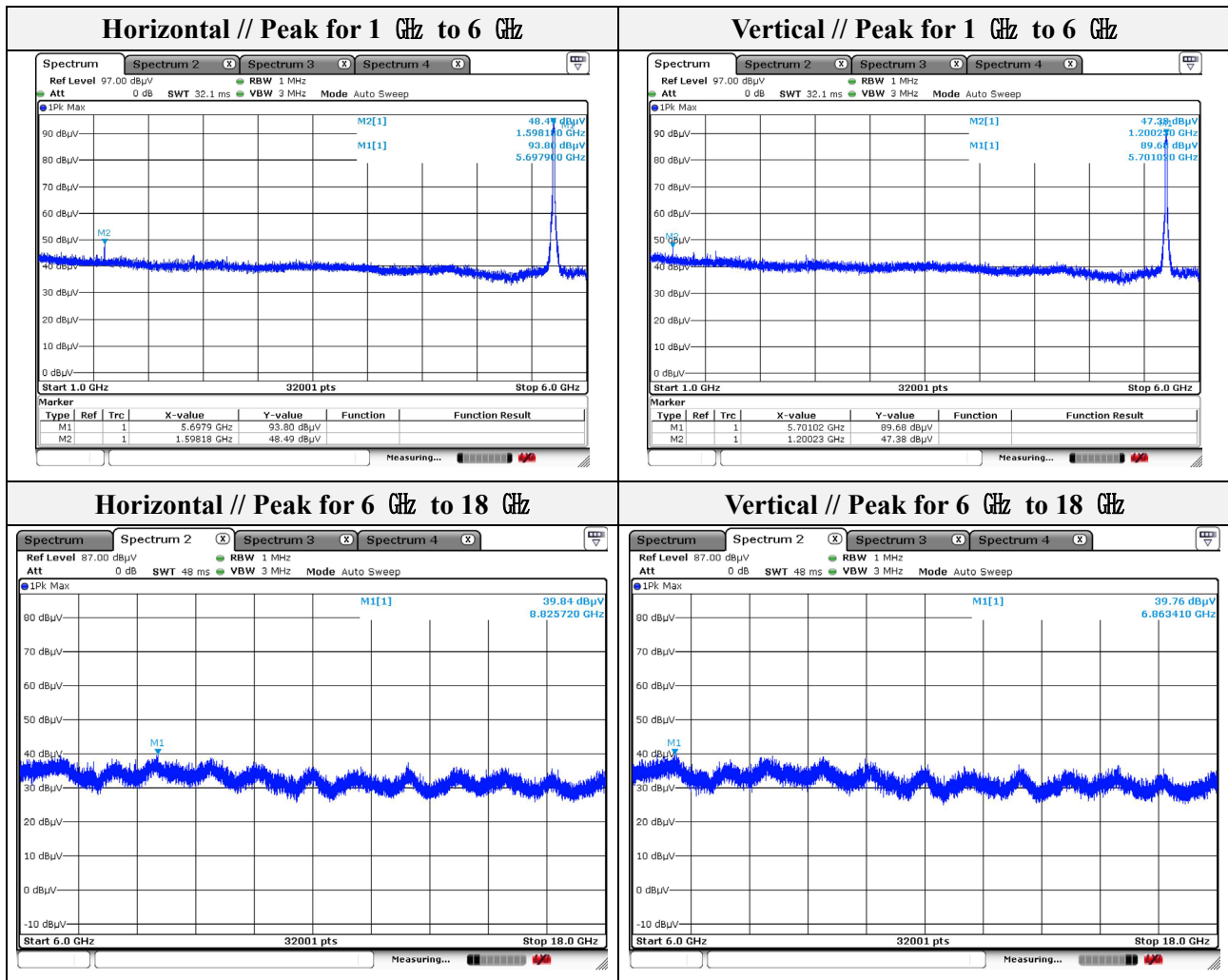
| Frequency (MHz) | Level (dBμV) | Detect mode | Ant. Pol. (H/V) | CF (dB) | DCF (dB) | Field strength (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----------------|--------------|-------------|-----------------|---------|----------|-------------------------|----------------|-------------|
| 1 200.23        | 47.38        | Peak        | V               | -8.64   | -        | 38.74                   | 74.00          | 35.26       |
| 1 598.18        | 48.49        | Peak        | H               | -6.05   | -        | 42.44                   | 74.00          | 31.56       |
| 6 863.41        | 39.76        | Peak        | V               | 9.13    | -        | 48.89                   | 68.23          | 19.34       |
| 8 825.72        | 39.84        | Peak        | H               | 12.20   | -        | 52.04                   | 68.23          | 16.19       |

## - Band edge

| Frequency (MHz) | Level (dBμV) | Detect mode | Ant. Pol. (H/V) | CF (dB) | DCF (dB) | Field strength (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----------------|--------------|-------------|-----------------|---------|----------|-------------------------|----------------|-------------|
| 5 725.00        | 43.55        | Peak        | V               | 7.94    | -        | 51.49                   | 68.23          | 16.74       |
| 5 725.18        | 52.70        | Peak        | H               | 7.94    | -        | 60.64                   | 68.23          | 7.59        |



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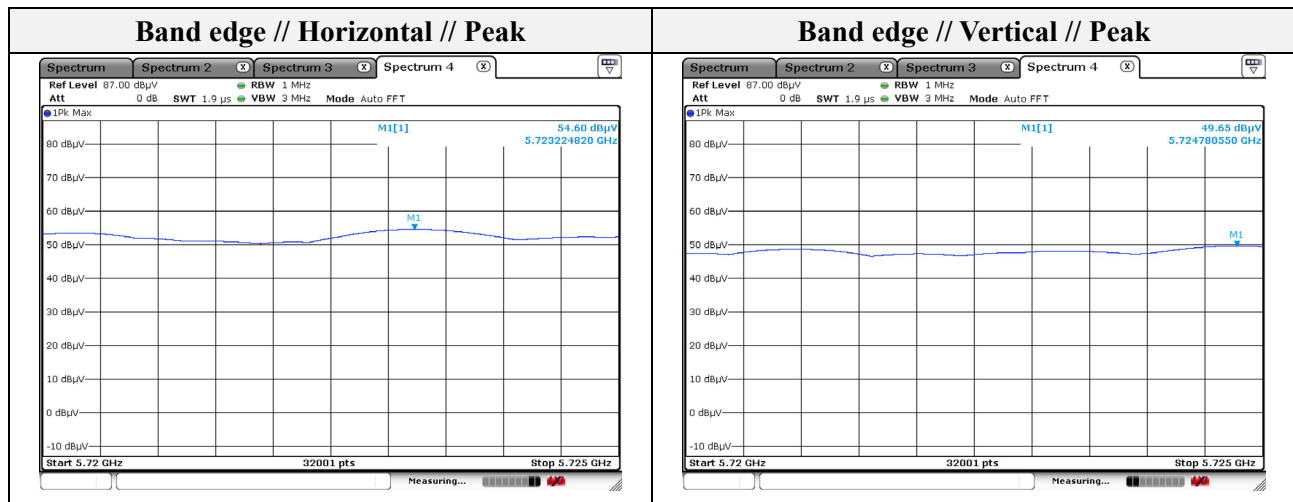
Mode: 802.11a\_ANT 1  
 Distance of measurement: 3 meter  
 Channel: 149

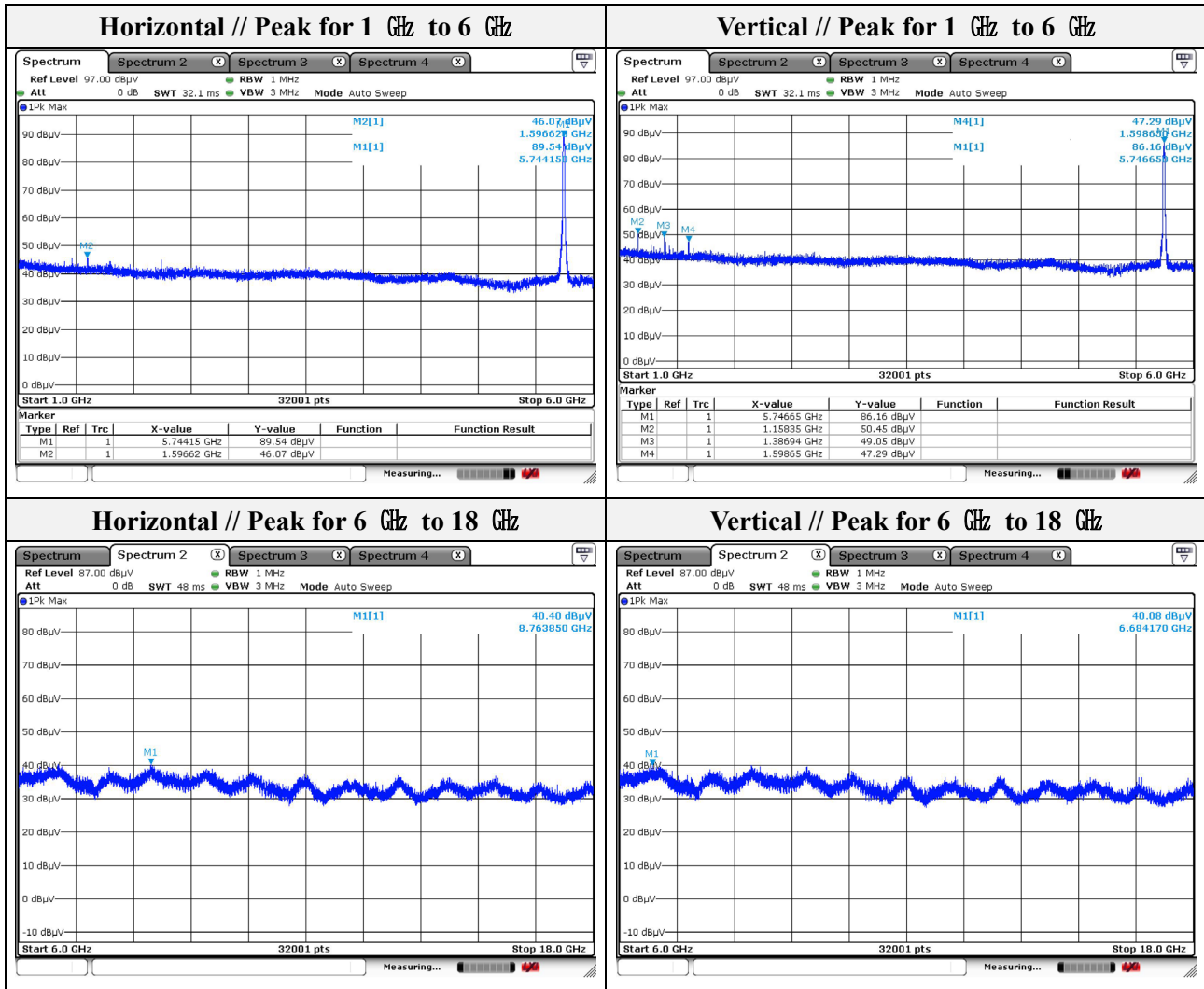
- Spurious

| Frequency (MHz) | Level (dBμV) | Detect mode | Ant. Pol. (H/V) | CF (dB) | DCF (dB) | Field strength (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----------------|--------------|-------------|-----------------|---------|----------|-------------------------|----------------|-------------|
| 1 158.35        | 50.45        | Peak        | V               | -8.92   | -        | 41.53                   | 74.00          | 32.47       |
| 1 386.94        | 49.05        | Peak        | V               | -7.08   | -        | 41.97                   | 74.00          | 32.03       |
| 1 596.62        | 46.07        | Peak        | H               | -6.06   | -        | 40.01                   | 74.00          | 33.99       |
| 1 598.65        | 47.29        | Peak        | V               | -6.04   | -        | 41.25                   | 74.00          | 32.75       |
| 6 684.17        | 40.08        | Peak        | V               | 8.72    | -        | 48.80                   | 68.23          | 19.43       |
| 8 763.85        | 40.40        | Peak        | H               | 12.32   | -        | 52.72                   | 68.23          | 15.51       |

- Band edge

| Frequency (MHz) | Level (dBμV) | Detect mode | Ant. Pol. (H/V) | CF (dB) | DCF (dB) | Field strength (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----------------|--------------|-------------|-----------------|---------|----------|-------------------------|----------------|-------------|
| 5 723.22        | 54.60        | Peak        | H               | 7.93    | -        | 62.53                   | 118.17         | 55.64       |
| 5 724.78        | 49.65        | Peak        | V               | 7.94    | -        | 57.59                   | 121.73         | 64.14       |





Note.

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