

# Test Report No.50087890 001

## Appendix D: Radiated and Mains Spurious Emission Data

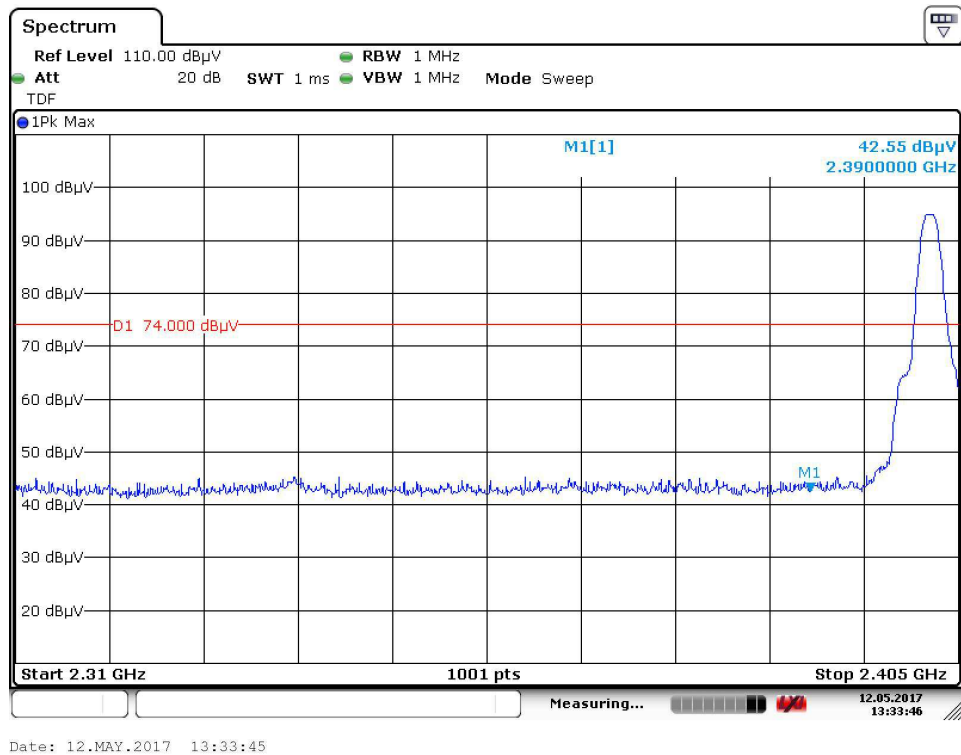
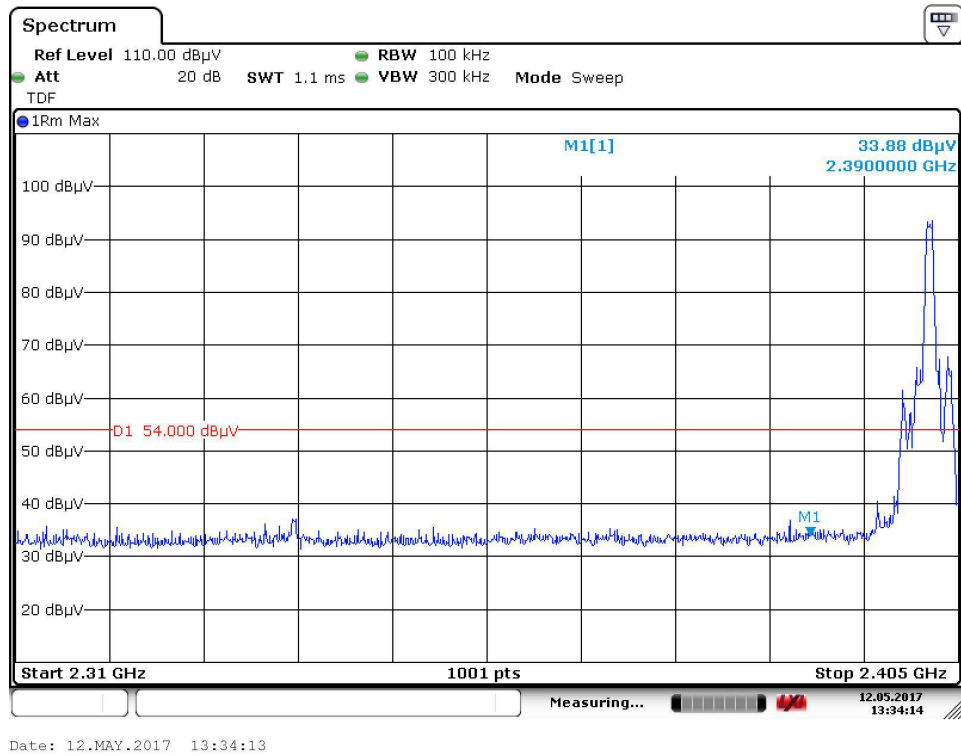
(File: 50087890AppendixD)

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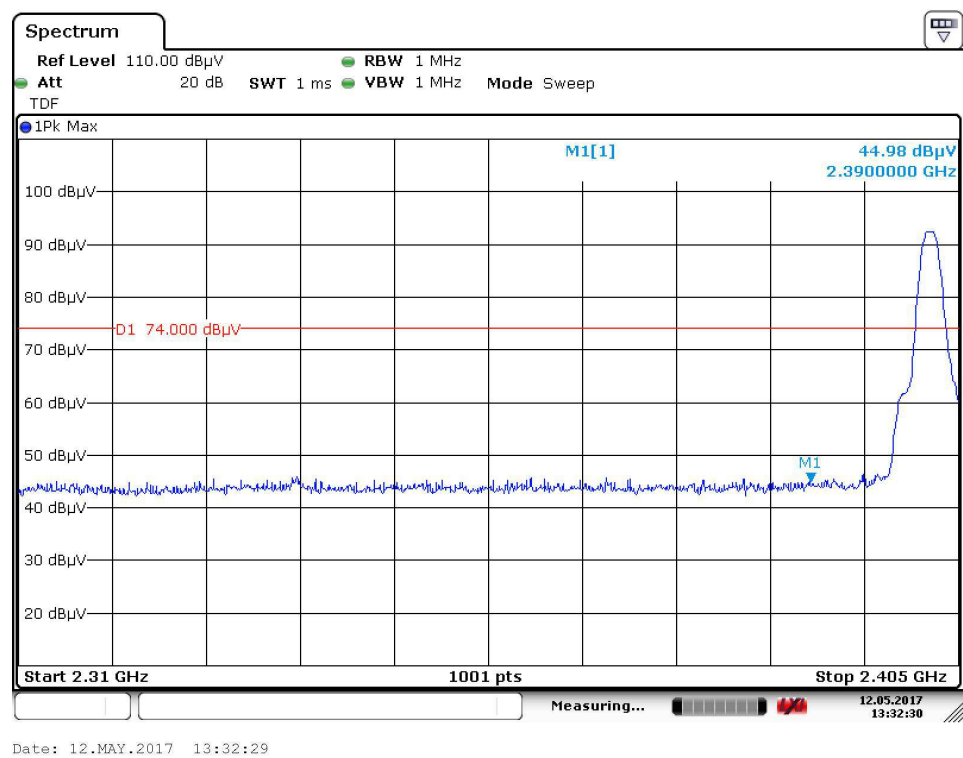
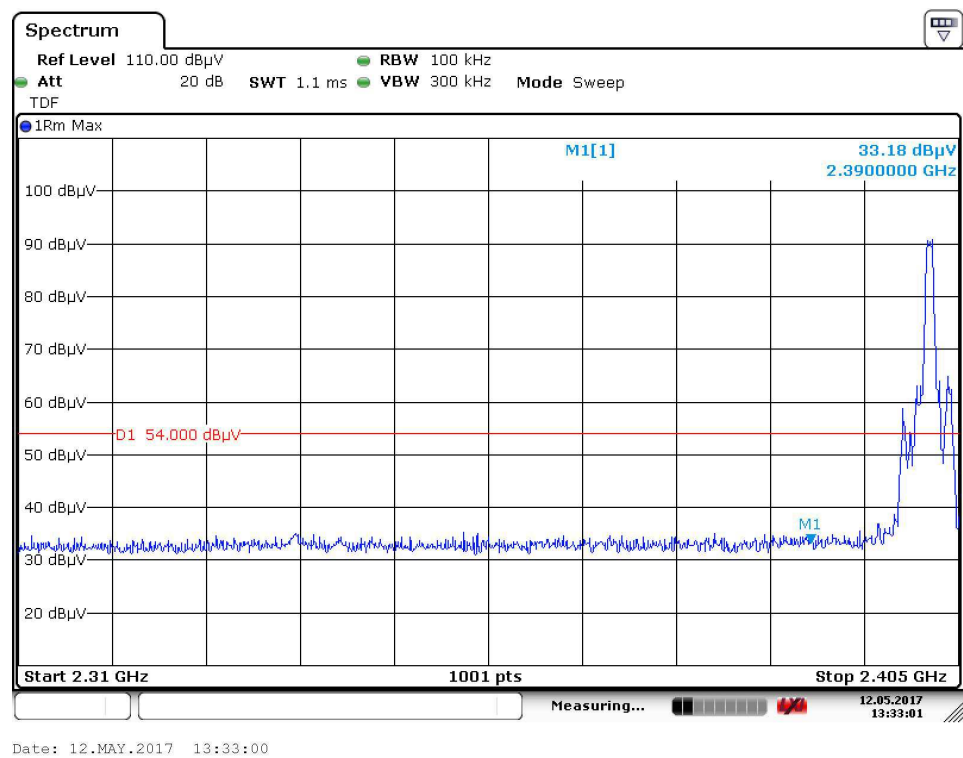
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# Radiated Bandedge (GFSK)

## Low Channel (Hor)

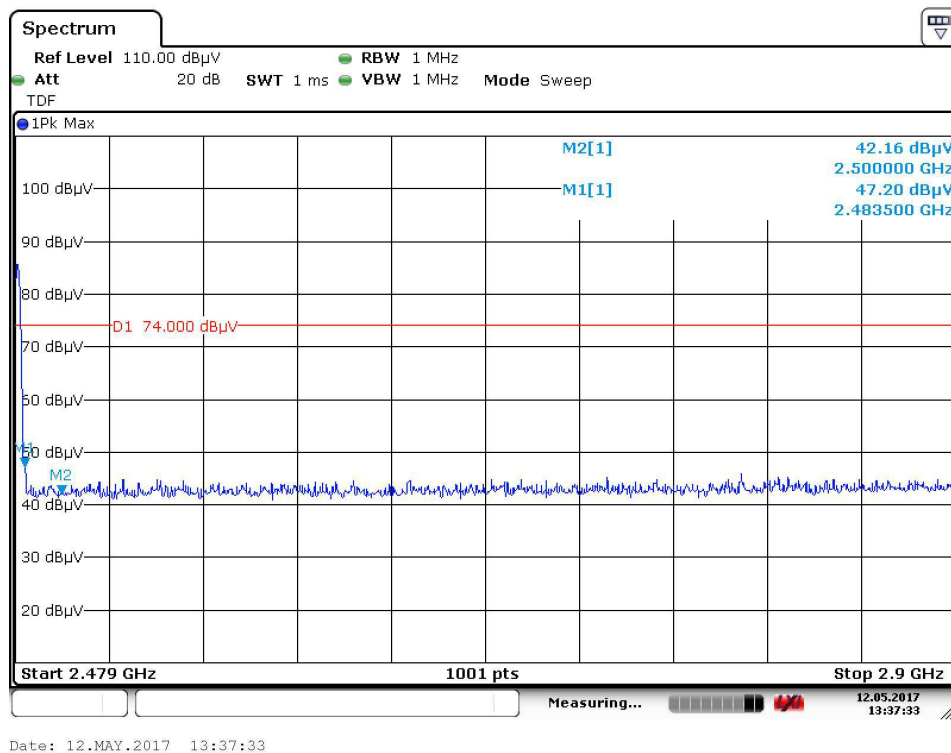
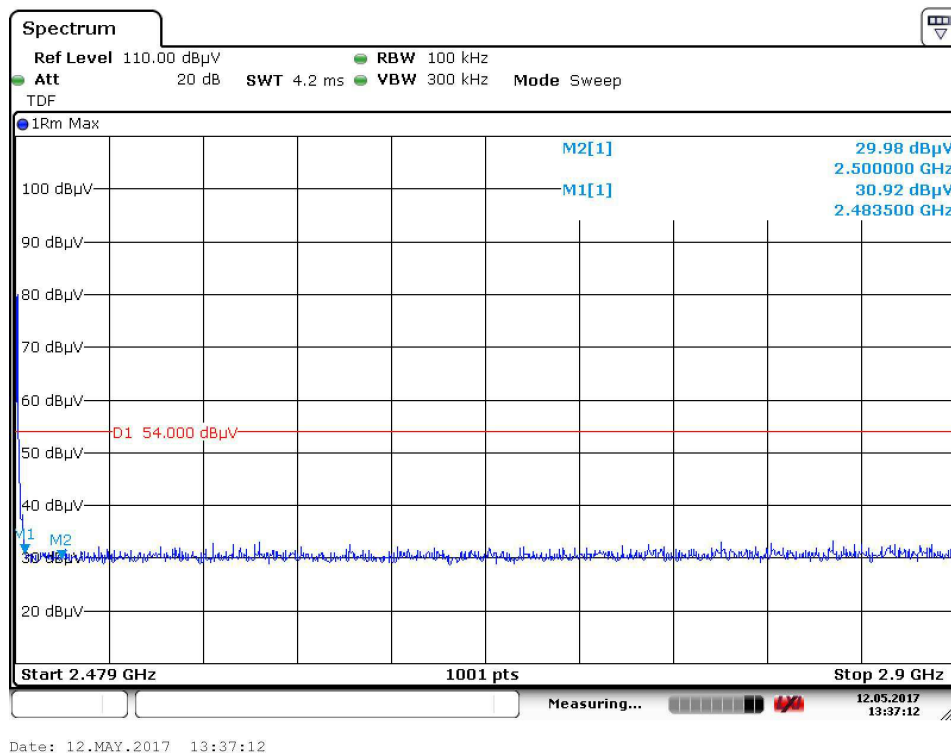


Low Channel (Ver)

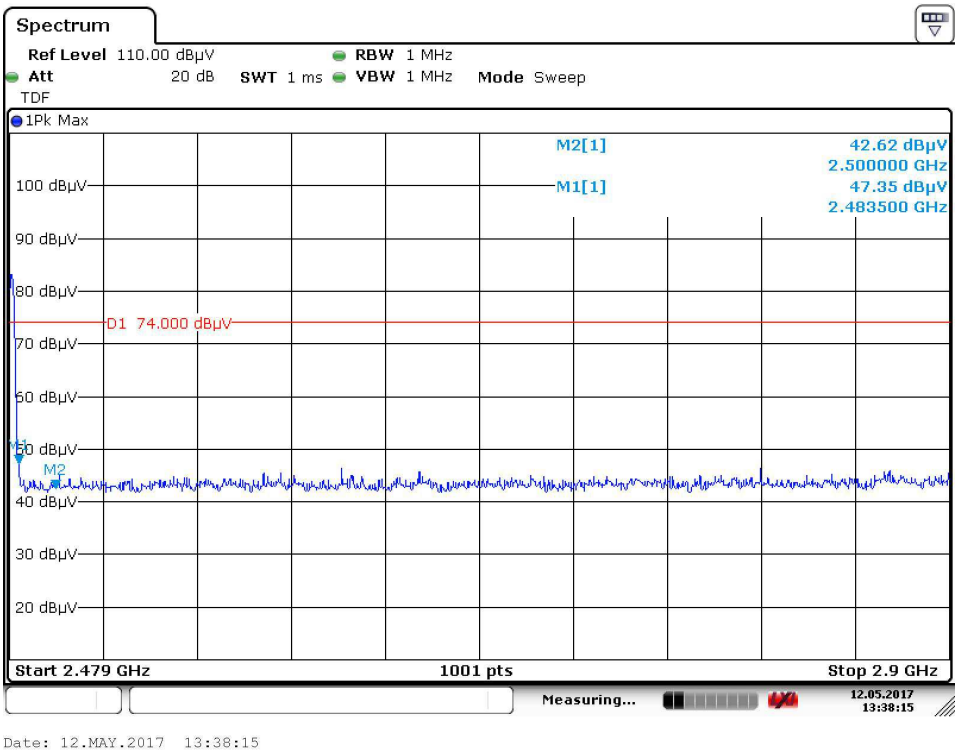
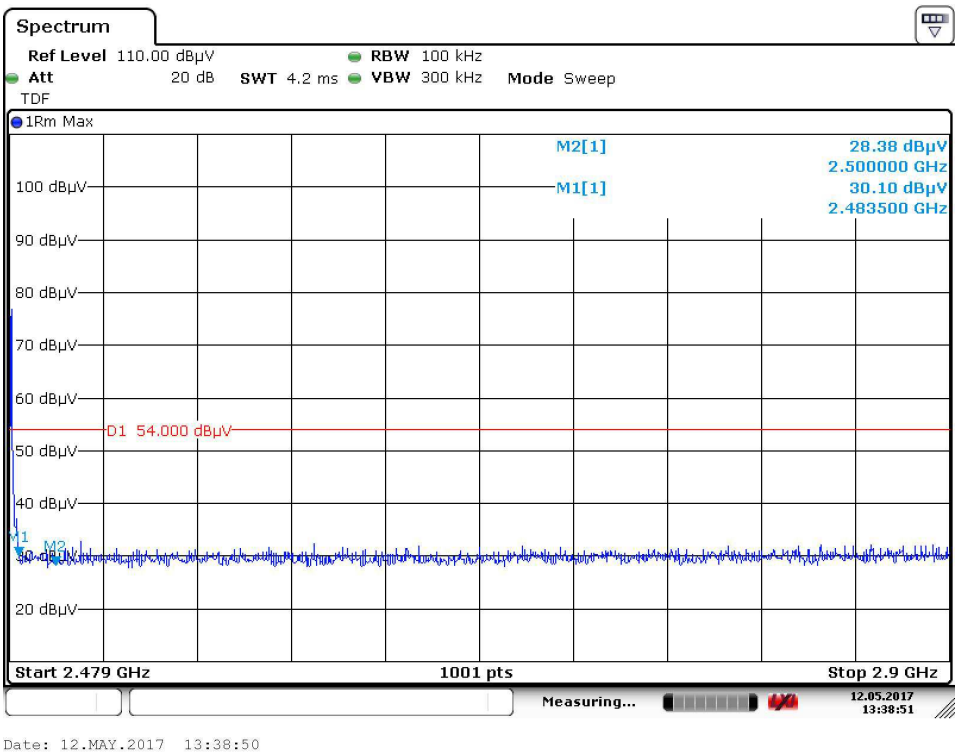


# Radiated Bandedge (GFSK)

## High Channel (Hor)



High Channel (Ver)



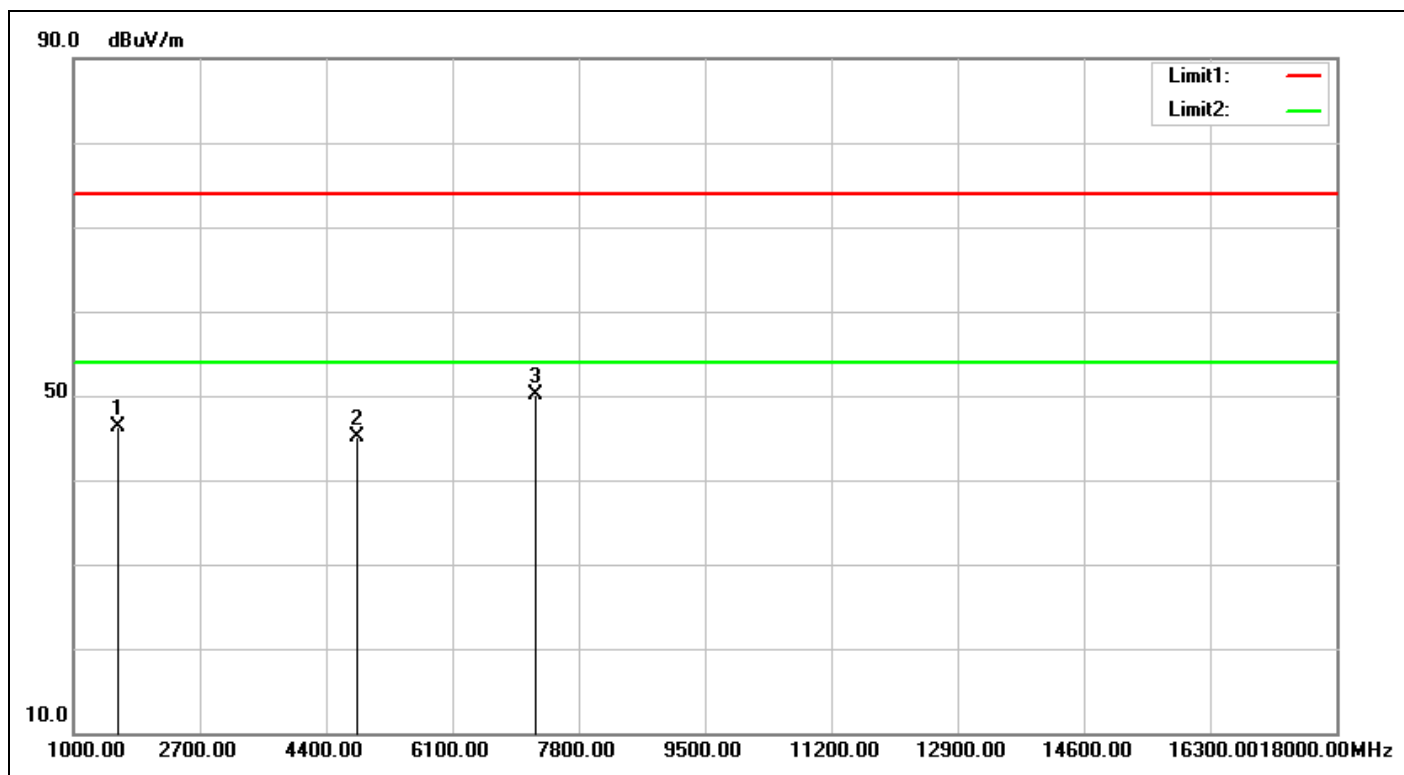
# Spurious Emissions, TX Mode, 1-18G



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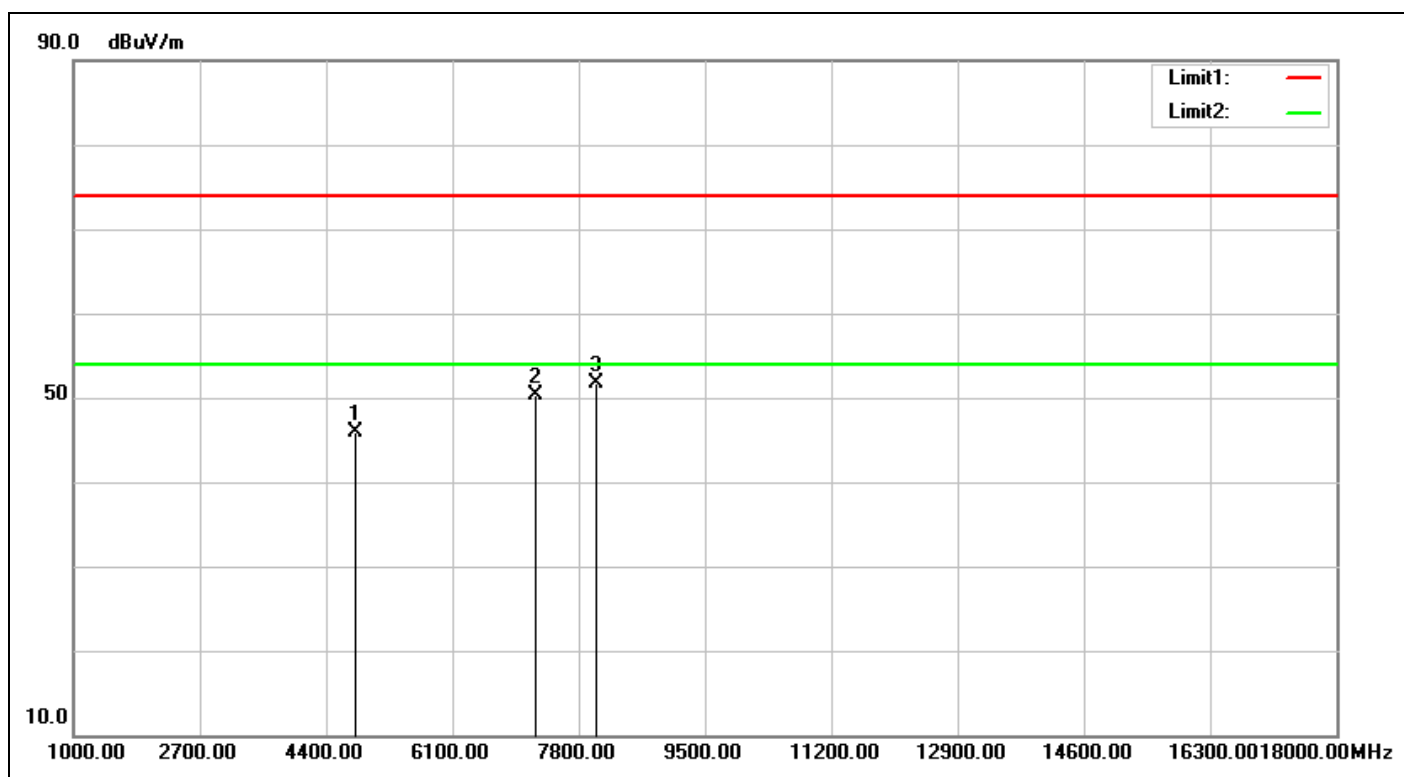
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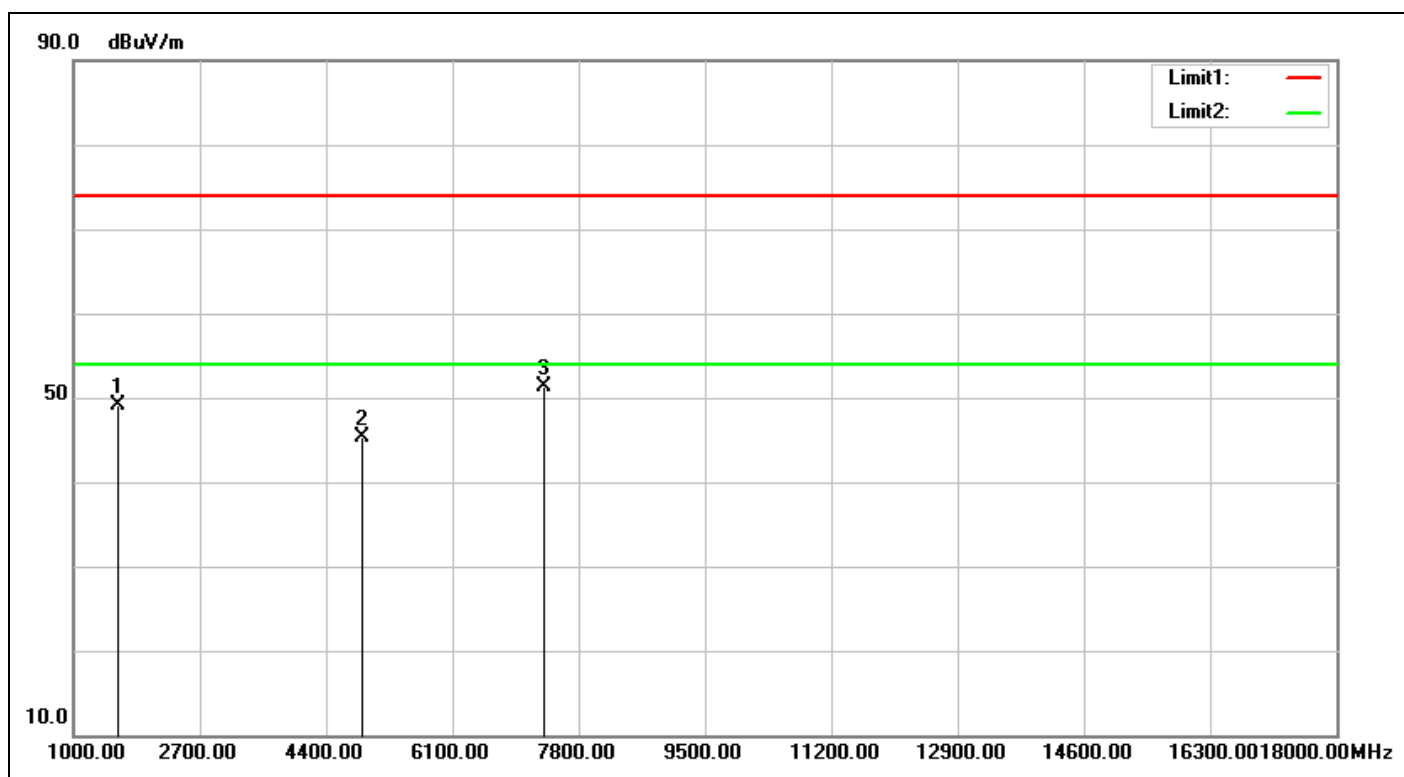
|                       |                                    |                           |                           |
|-----------------------|------------------------------------|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114060550</b>                   | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>           | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>          | <b>Test Time:</b>         | <b>2017/5/12 13:46:03</b> |
| <b>Applicant:</b>     | <b>Stanley Black &amp; Decker</b>  | <b>Test Rating:</b>       | <b>DC 5V</b>              |
| <b>Product:</b>       | <b>Wireless Replaceable Sensor</b> | <b>Temp.(°C)/Hum.(%)</b>  | <b>26.8(°C)/55%</b>       |
| <b>Model No.:</b>     | <b>1950217</b>                     | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>2402-TX</b>                     |                           |                           |
| <b>Remark:</b>        |                                    |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 1595.000        | -9.71         | 55.99          | 46.28          | 74.00          | -27.72      | peak | 100         | 114           |        |
| 2   | 4804.000        | -2.66         | 47.78          | 45.12          | 74.00          | -28.88      | peak |             |               |        |
| 3   | 7206.000        | 5.58          | 44.57          | 50.15          | 74.00          | -23.85      | peak |             |               |        |



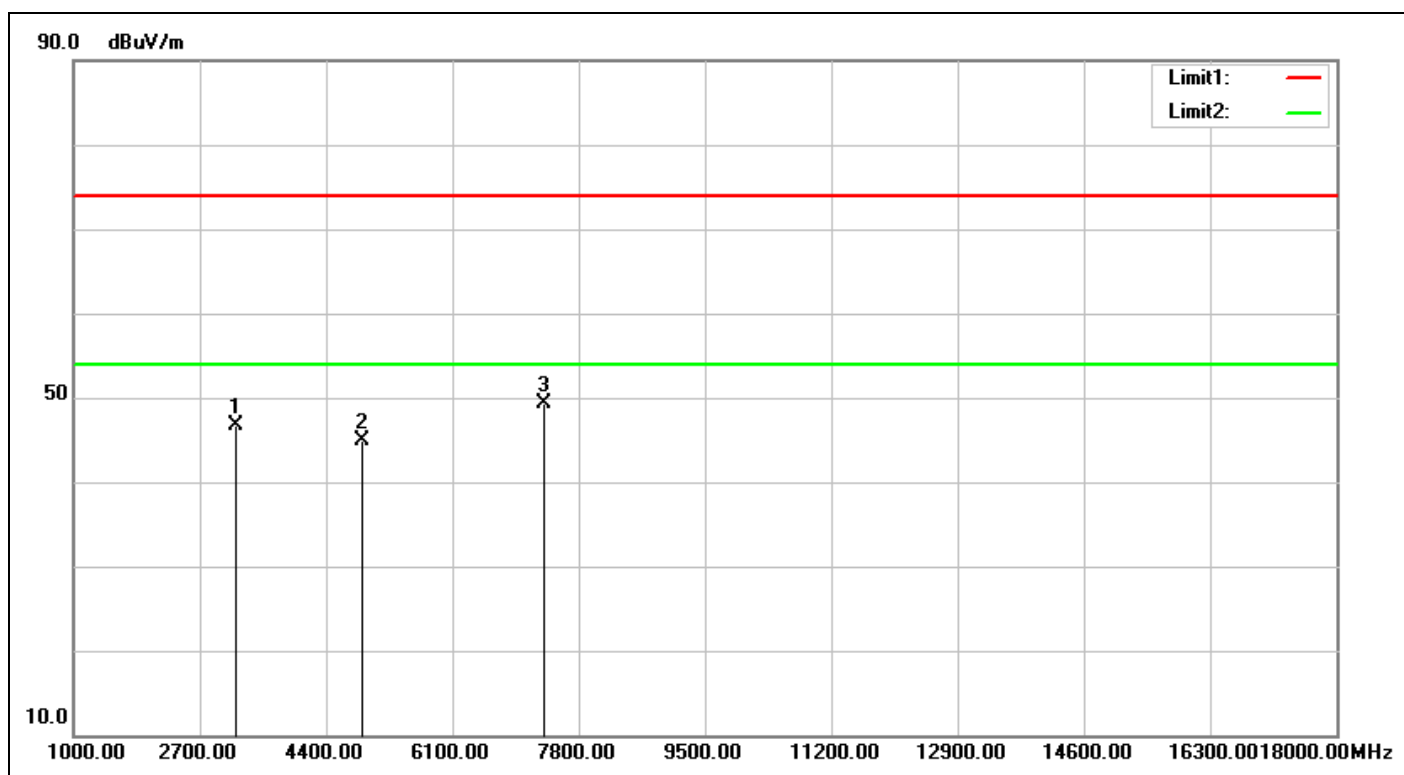
|                |                             |                    |                    |
|----------------|-----------------------------|--------------------|--------------------|
| Service No.:   | 114060550                   | Test Distance:     | 3m                 |
| Test Standard: | FCC Above 1G PEAK           | Ant. Polarization: | Vertical           |
| Test item:     | Radiation Emission          | Test Time:         | 2017/5/12 13:47:06 |
| Applicant:     | Stanley Black & Decker      | Test Rating:       | DC 5V              |
| Product:       | Wireless Replaceable Sensor | Temp.(°C)/Hum.(%)  | 26.8(°C)/55%       |
| Model No.:     | 1950217                     | Test Engineer:     | George Yang        |
| Test Mode:     | 2402-TX                     |                    |                    |
| Remark:        |                             |                    |                    |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 4804.000        | -2.66         | 48.59          | 45.93          | 74.00          | -28.07      | peak |             |               |        |
| 2   | 7206.000        | 5.58          | 44.65          | 50.23          | 74.00          | -23.77      | peak |             |               |        |
| 3   | 8038.000        | 6.40          | 45.21          | 51.61          | 74.00          | -22.39      | peak | 100         | 80            |        |



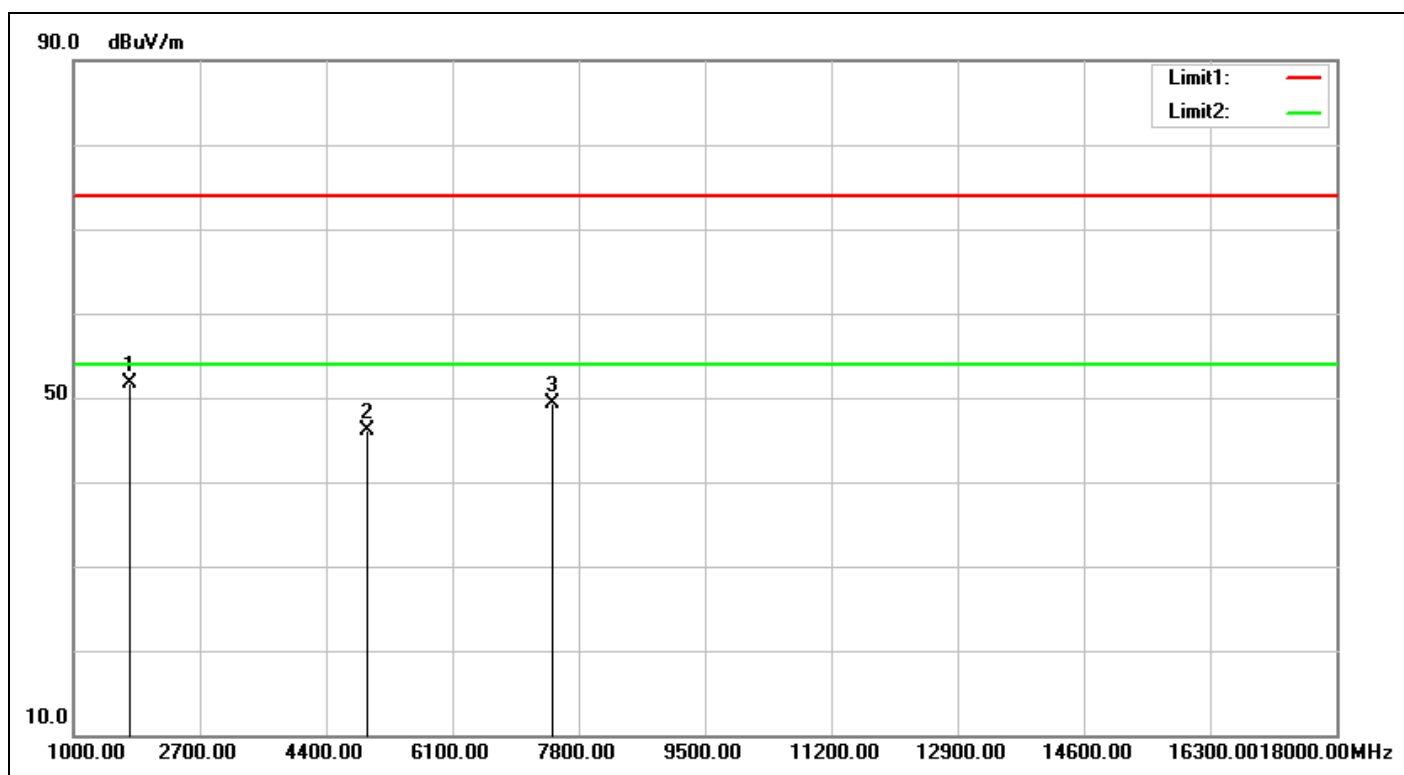
|                       |                                    |                           |                           |
|-----------------------|------------------------------------|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114060550</b>                   | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>           | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>          | <b>Test Time:</b>         | <b>2017/5/12 13:42:15</b> |
| <b>Applicant:</b>     | <b>Stanley Black &amp; Decker</b>  | <b>Test Rating:</b>       | <b>DC 5V</b>              |
| <b>Product:</b>       | <b>Wireless Replaceable Sensor</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>26.8(°C)/55%</b>       |
| <b>Model No.:</b>     | <b>1950217</b>                     | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>2440-TX</b>                     |                           |                           |
| <b>Remark:</b>        |                                    |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 1595.000        | -9.71         | 58.81          | 49.10          | 74.00          | -24.90      | peak | 100         | 152           |        |
| 2   | 4880.000        | -2.48         | 47.79          | 45.31          | 74.00          | -28.69      | peak |             |               |        |
| 3   | 7320.000        | 5.93          | 45.28          | 51.21          | 74.00          | -22.79      | peak |             |               |        |



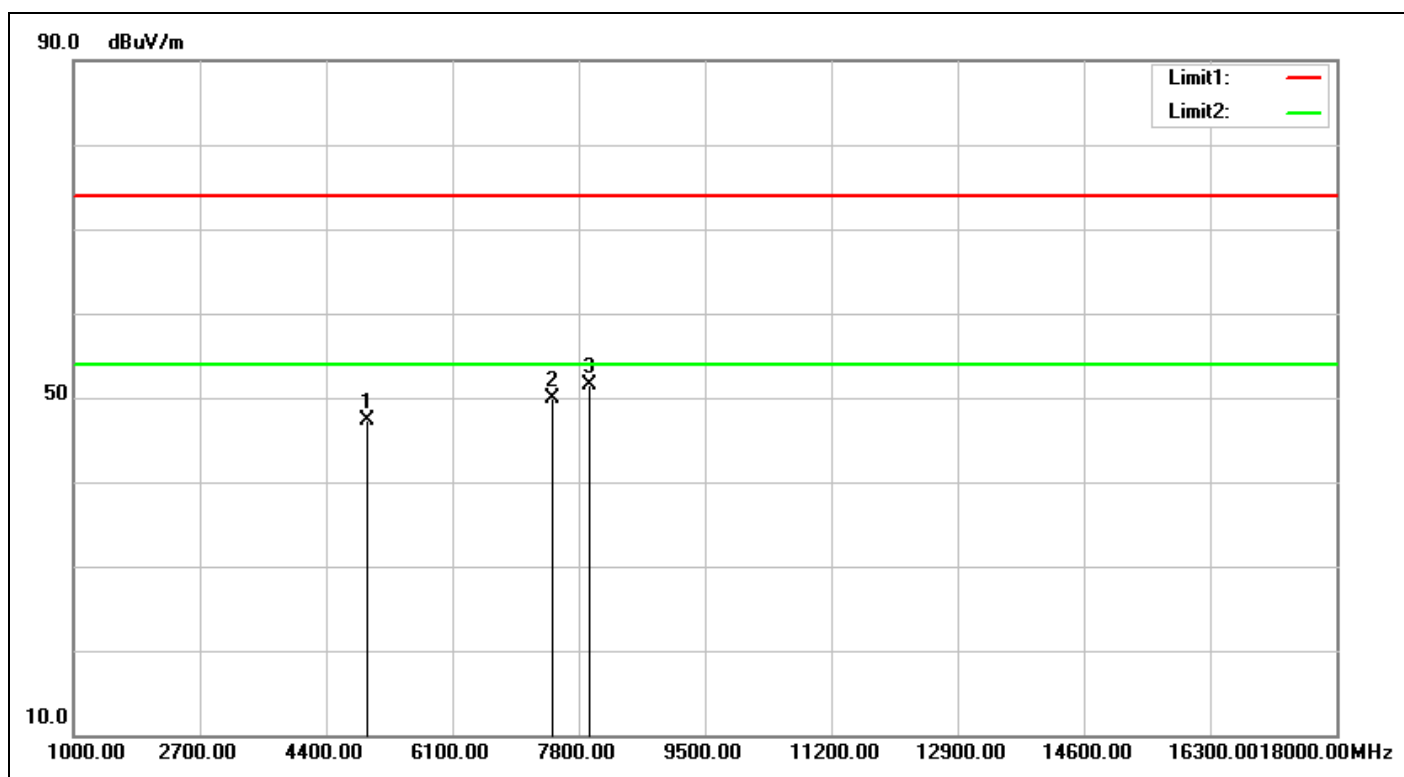
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|----------------|-----------------------------|--------------------|--------------------|
| Service No.:   | 114060550                   | Test Distance:     | 3m                 |
| Test Standard: | FCC Above 1G PEAK           | Ant. Polarization: | Vertical           |
| Test item:     | Radiation Emission          | Test Time:         | 2017/5/12 13:43:17 |
| Applicant:     | Stanley Black & Decker      | Test Rating:       | DC 5V              |
| Product:       | Wireless Replaceable Sensor | Temp.(°C)/Hum.(%)  | 26.8(°C)/55%       |
| Model No.:     | 1950217                     | Test Engineer:     | George Yang        |
| Test Mode:     | 2440-TX                     |                    |                    |
| Remark:        |                             |                    |                    |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 3193.000        | -6.27         | 53.02          | 46.75          | 74.00          | -27.25      | peak | 100         | 99            |        |
| 2   | 4880.000        | -2.48         | 47.45          | 44.97          | 74.00          | -29.03      | peak |             |               |        |
| 3   | 7320.000        | 5.93          | 43.33          | 49.26          | 74.00          | -24.74      | peak |             |               |        |



|                |                             |                    |                    |
|----------------|-----------------------------|--------------------|--------------------|
| Service No.:   | 114060550                   | Test Distance:     | 3m                 |
| Test Standard: | FCC Above 1G PEAK           | Ant. Polarization: | Horizontal         |
| Test item:     | Radiation Emission          | Test Time:         | 2017/5/12 13:38:13 |
| Applicant:     | Stanley Black & Decker      | Test Rating:       | DC 5V              |
| Product:       | Wireless Replaceable Sensor | Temp.(°C)/Hum.(%)  | 26.8(°C)/55%       |
| Model No.:     | 1950217                     | Test Engineer:     | George Yang        |
| Test Mode:     | 2480-TX                     |                    |                    |
| Remark:        |                             |                    |                    |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 1748.000        | -8.75         | 60.41          | 51.66          | 74.00          | -22.34      | peak | 100         | 250           |        |
| 2   | 4960.000        | -2.31         | 48.40          | 46.09          | 74.00          | -27.91      | peak |             | 0             |        |
| 3   | 7440.000        | 6.28          | 43.10          | 49.38          | 74.00          | -24.62      | peak |             | 0             |        |



|                       |                                    |                           |                           |
|-----------------------|------------------------------------|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114060550</b>                   | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>           | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>          | <b>Test Time:</b>         | <b>2017/5/12 13:39:16</b> |
| <b>Applicant:</b>     | <b>Stanley Black &amp; Decker</b>  | <b>Test Rating:</b>       | <b>DC 5V</b>              |
| <b>Product:</b>       | <b>Wireless Replaceable Sensor</b> | <b>Temp.(°C)/Hum.(%)</b>  | <b>26.8(°C)/55%</b>       |
| <b>Model No.:</b>     | <b>1950217</b>                     | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>2480-TX</b>                     |                           |                           |
| <b>Remark:</b>        |                                    |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 4960.000        | -2.31         | 49.66          | 47.35          | 74.00          | -26.65      | peak |             |               |        |
| 2   | 7440.000        | 6.28          | 43.58          | 49.86          | 74.00          | -24.14      | peak |             |               |        |
| 3   | 7936.000        | 6.40          | 45.10          | 51.50          | 74.00          | -22.50      | peak | 100         | 144           |        |

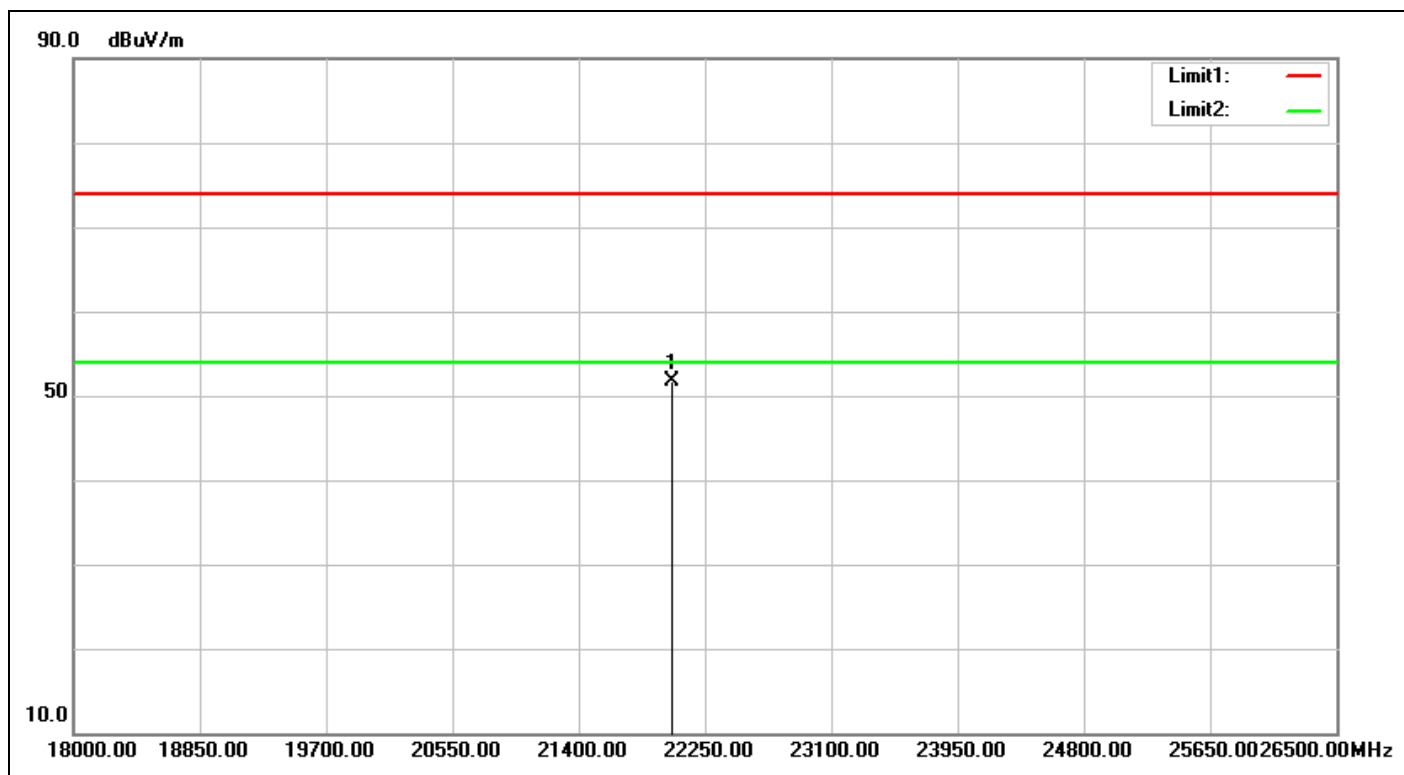
# Spurious Emissions, TX Mode, 18-26G



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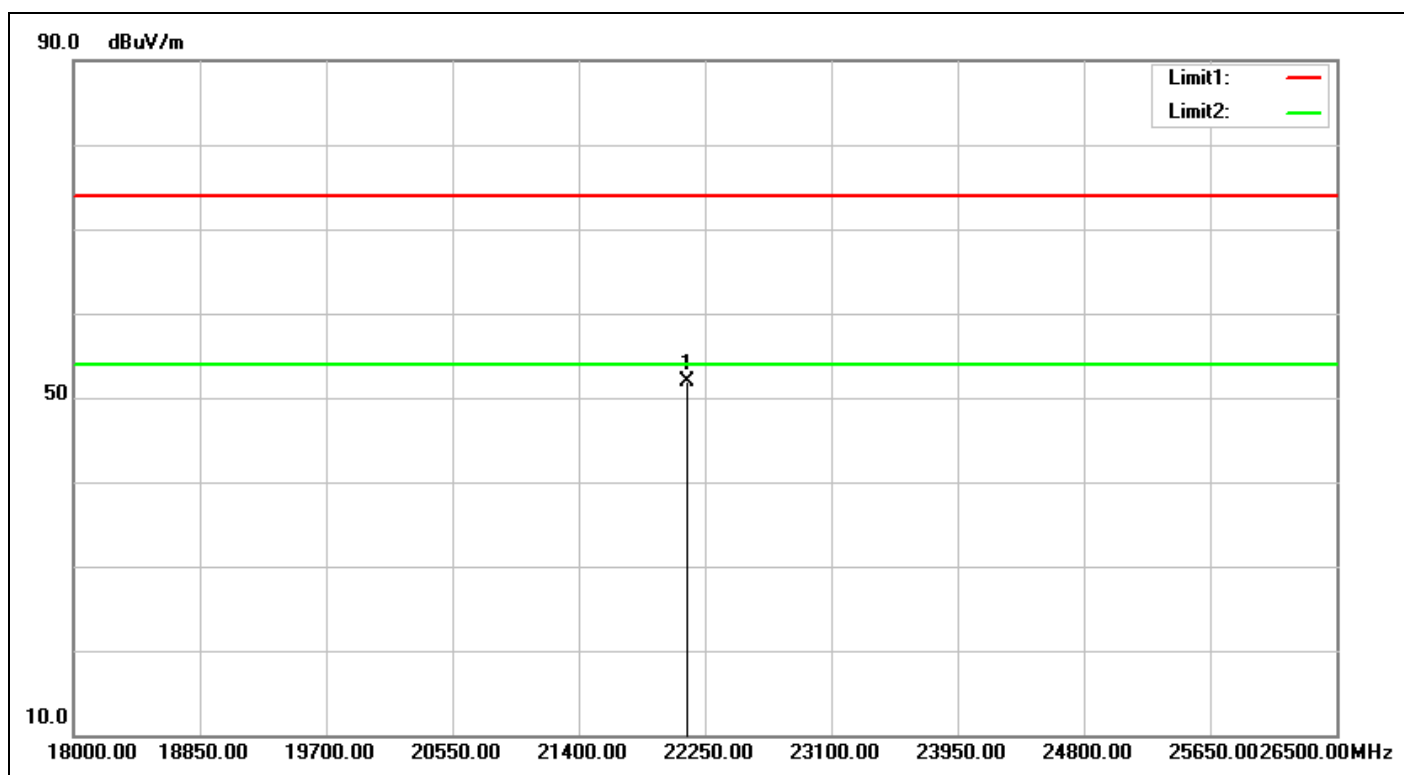
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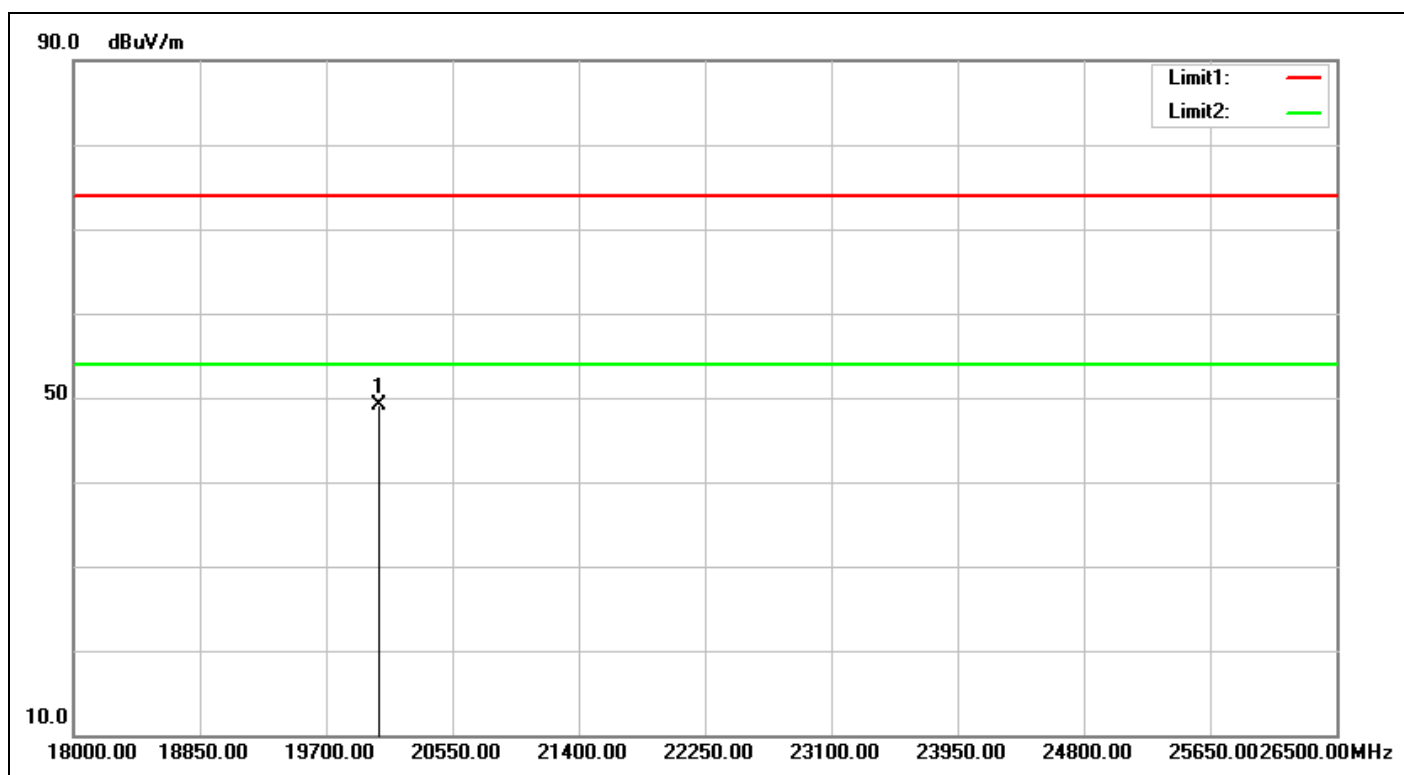
|                |                             |                    |                    |
|----------------|-----------------------------|--------------------|--------------------|
| Service No.:   | 114060550                   | Test Distance:     | 3m                 |
| Test Standard: | FCC Above 1G PEAK           | Ant. Polarization: | Horizontal         |
| Test item:     | Radiation Emission          | Test Time:         | 2017/5/12 13:57:30 |
| Applicant:     | Stanley Black & Decker      | Test Rating:       | DC 5V              |
| Product:       | Wireless Replaceable Sensor | Temp.(°C)/Hum.(%): | 26.8(°C)/55%       |
| Model No.:     | 1950217                     | Test Engineer:     | George Yang        |
| Test Mode:     | 2402-TX                     |                    |                    |
| Remark:        |                             |                    |                    |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 22029.000       | 33.09         | 18.65          | 51.74          | 74.00          | -22.26      | peak |             |               |        |



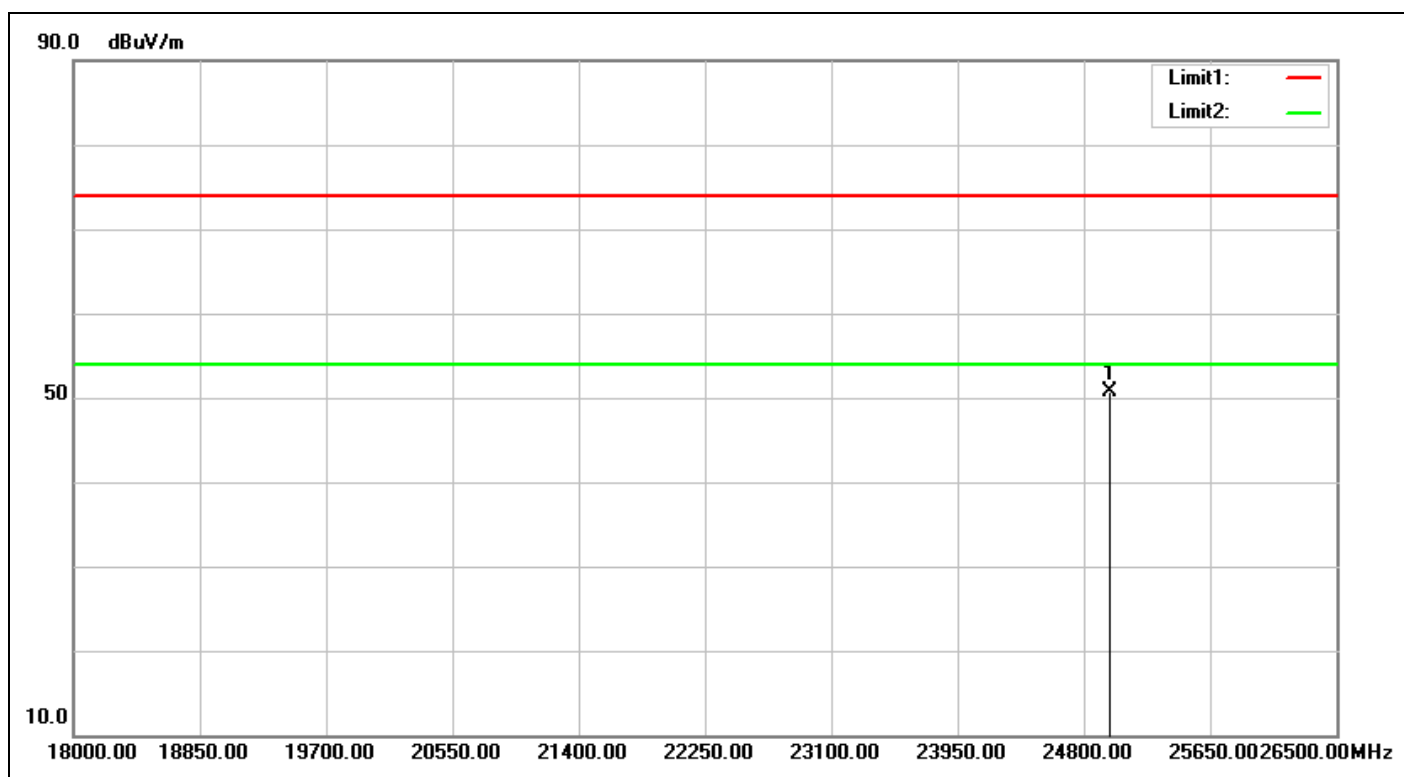
|                       |                                    |                           |                           |
|-----------------------|------------------------------------|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114060550</b>                   | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>           | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>          | <b>Test Time:</b>         | <b>2017/5/12 13:57:41</b> |
| <b>Applicant:</b>     | <b>Stanley Black &amp; Decker</b>  | <b>Test Rating:</b>       | <b>DC 5V</b>              |
| <b>Product:</b>       | <b>Wireless Replaceable Sensor</b> | <b>Temp.(°C)/Hum.(%)</b>  | <b>26.8(°C)/55%</b>       |
| <b>Model No.:</b>     | <b>1950217</b>                     | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>2402-TX</b>                     |                           |                           |
| <b>Remark:</b>        |                                    |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 22131.000          | 33.04            | 18.88             | 51.92             | 74.00             | -22.08         | peak |                |                  |        |



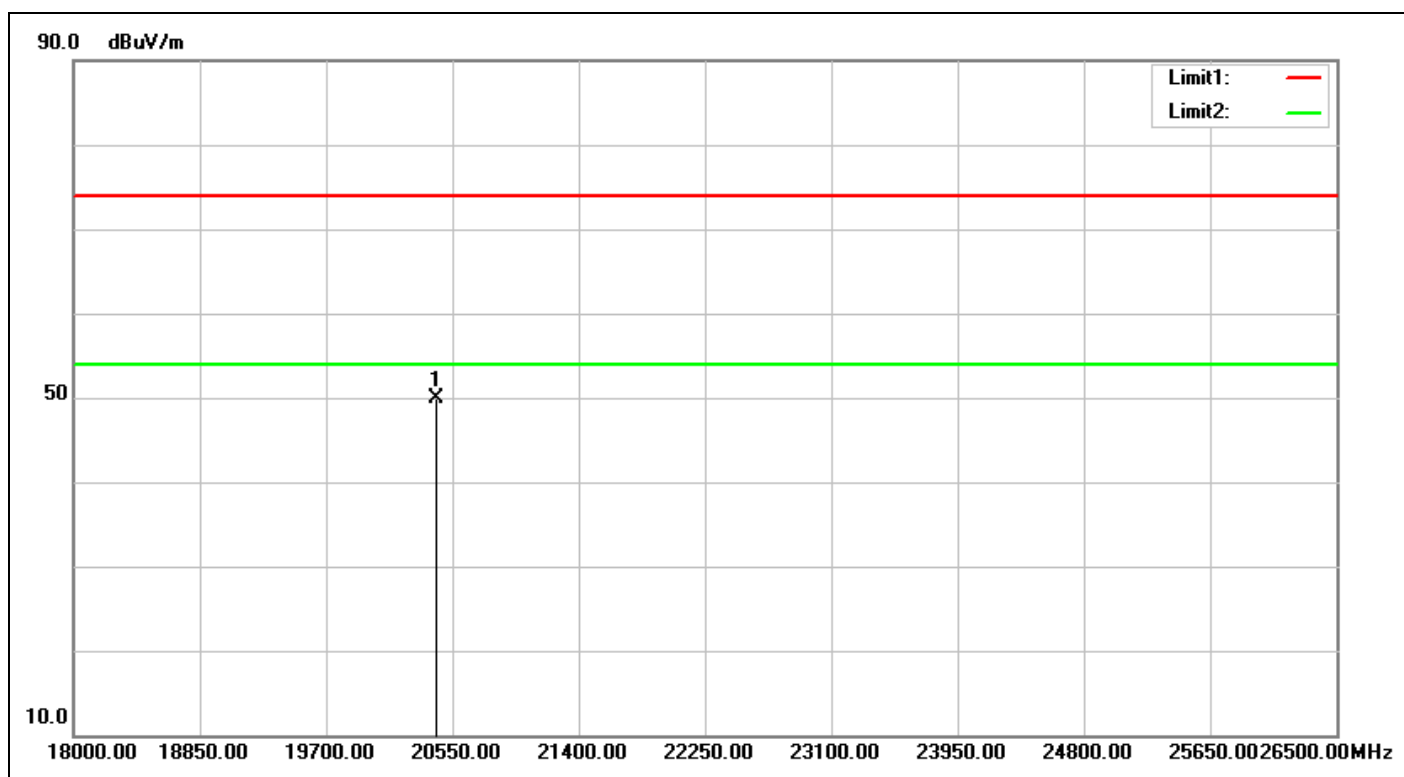
|                       |                                    |                           |                           |
|-----------------------|------------------------------------|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114060550</b>                   | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>           | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>          | <b>Test Time:</b>         | <b>2017/5/12 13:57:57</b> |
| <b>Applicant:</b>     | <b>Stanley Black &amp; Decker</b>  | <b>Test Rating:</b>       | <b>DC 5V</b>              |
| <b>Product:</b>       | <b>Wireless Replaceable Sensor</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>26.8(°C)/55%</b>       |
| <b>Model No.:</b>     | <b>1950217</b>                     | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>2440-TX</b>                     |                           |                           |
| <b>Remark:</b>        |                                    |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 20057.000          | 31.50            | 17.59             | 49.09             | 74.00             | -24.91         | peak |                |                  |        |



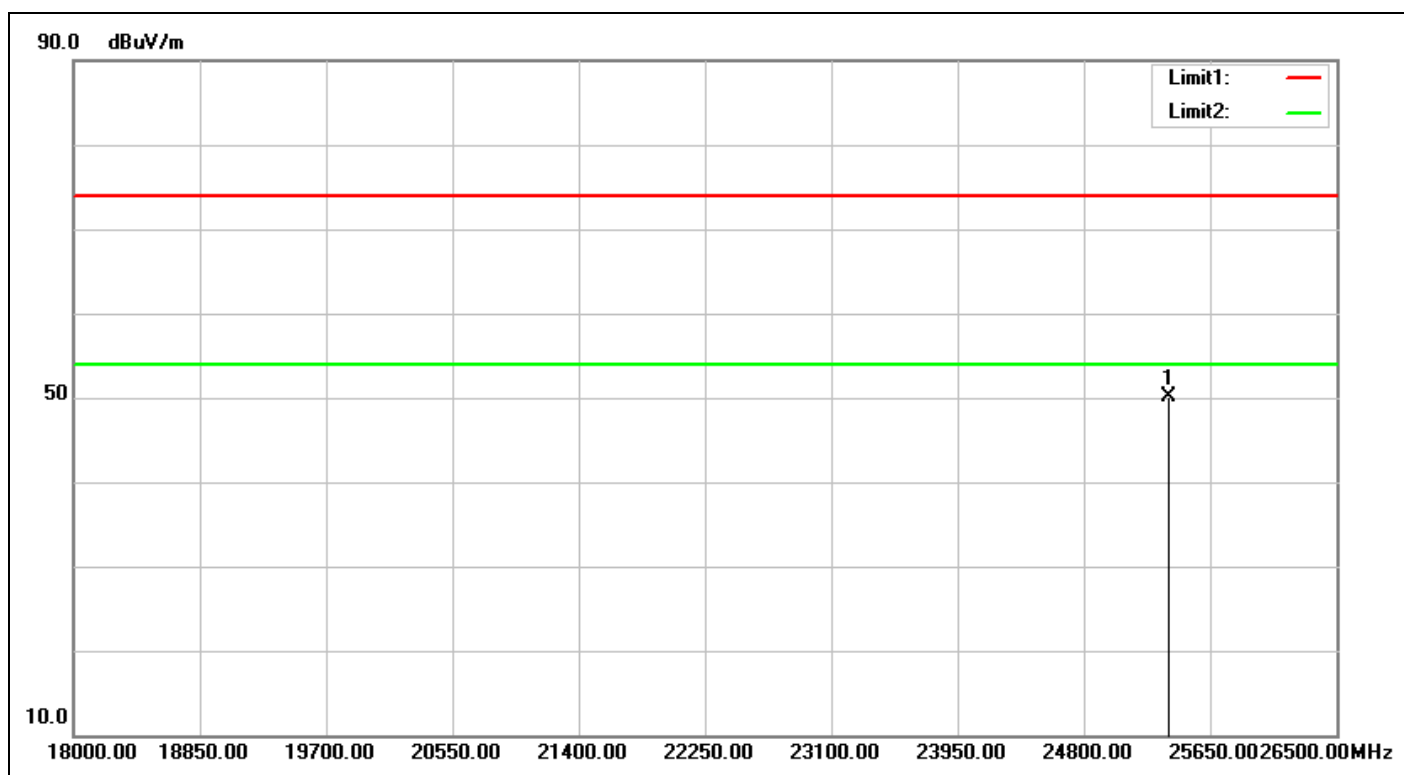
|                |                             |                    |                    |
|----------------|-----------------------------|--------------------|--------------------|
| Service No.:   | 114060550                   | Test Distance:     | 3m                 |
| Test Standard: | FCC Above 1G PEAK           | Ant. Polarization: | Vertical           |
| Test item:     | Radiation Emission          | Test Time:         | 2017/5/12 13:58:04 |
| Applicant:     | Stanley Black & Decker      | Test Rating:       | DC 5V              |
| Product:       | Wireless Replaceable Sensor | Temp.(°C)/Hum.(%)  | 26.8(°C)/55%       |
| Model No.:     | 1950217                     | Test Engineer:     | George Yang        |
| Test Mode:     | 2440-TX                     |                    |                    |
| Remark:        |                             |                    |                    |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 24978.500       | 33.97         | 16.65          | 50.62          | 74.00          | -23.38      | peak |             |               |        |



|                       |                                    |                           |                           |
|-----------------------|------------------------------------|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114060550</b>                   | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Above 1G PEAK</b>           | <b>Ant. Polarization:</b> | <b>Horizontal</b>         |
| <b>Test item:</b>     | <b>Radiation Emission</b>          | <b>Test Time:</b>         | <b>2017/5/12 13:58:18</b> |
| <b>Applicant:</b>     | <b>Stanley Black &amp; Decker</b>  | <b>Test Rating:</b>       | <b>DC 5V</b>              |
| <b>Product:</b>       | <b>Wireless Replaceable Sensor</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>26.8(°C)/55%</b>       |
| <b>Model No.:</b>     | <b>1950217</b>                     | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>2480-TX</b>                     |                           |                           |
| <b>Remark:</b>        |                                    |                           |                           |

| No. | Frequency<br>(MHz) | Factor<br>(dB/m) | Reading<br>(dBuV) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Det. | Height<br>(cm) | Azimuth<br>( ° ) | Remark |
|-----|--------------------|------------------|-------------------|-------------------|-------------------|----------------|------|----------------|------------------|--------|
| 1   | 20439.500          | 31.71            | 18.19             | 49.90             | 74.00             | -24.10         | peak |                |                  |        |



|                |                             |                    |                    |
|----------------|-----------------------------|--------------------|--------------------|
| Service No.:   | 114060550                   | Test Distance:     | 3m                 |
| Test Standard: | FCC Above 1G PEAK           | Ant. Polarization: | Vertical           |
| Test item:     | Radiation Emission          | Test Time:         | 2017/5/12 13:58:28 |
| Applicant:     | Stanley Black & Decker      | Test Rating:       | DC 5V              |
| Product:       | Wireless Replaceable Sensor | Temp.(°C)/Hum.(%)  | 26.8(°C)/55%       |
| Model No.:     | 1950217                     | Test Engineer:     | George Yang        |
| Test Mode:     | 2480-TX                     |                    |                    |
| Remark:        |                             |                    |                    |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 25369.500       | 34.86         | 15.30          | 50.16          | 74.00          | -23.84      | peak |             |               |        |

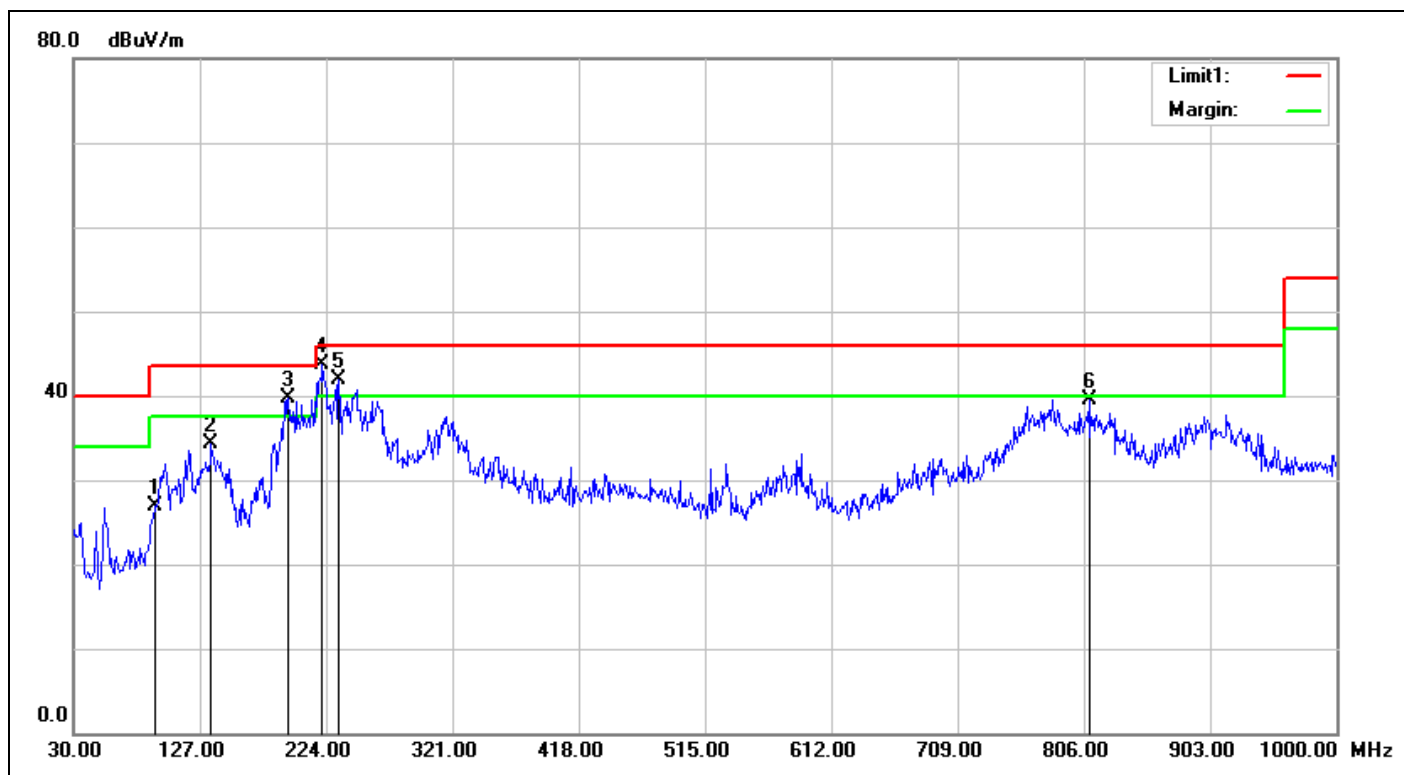
# Spurious Emissions, TX Mode, 30M-1G



**TUV Taiwan**

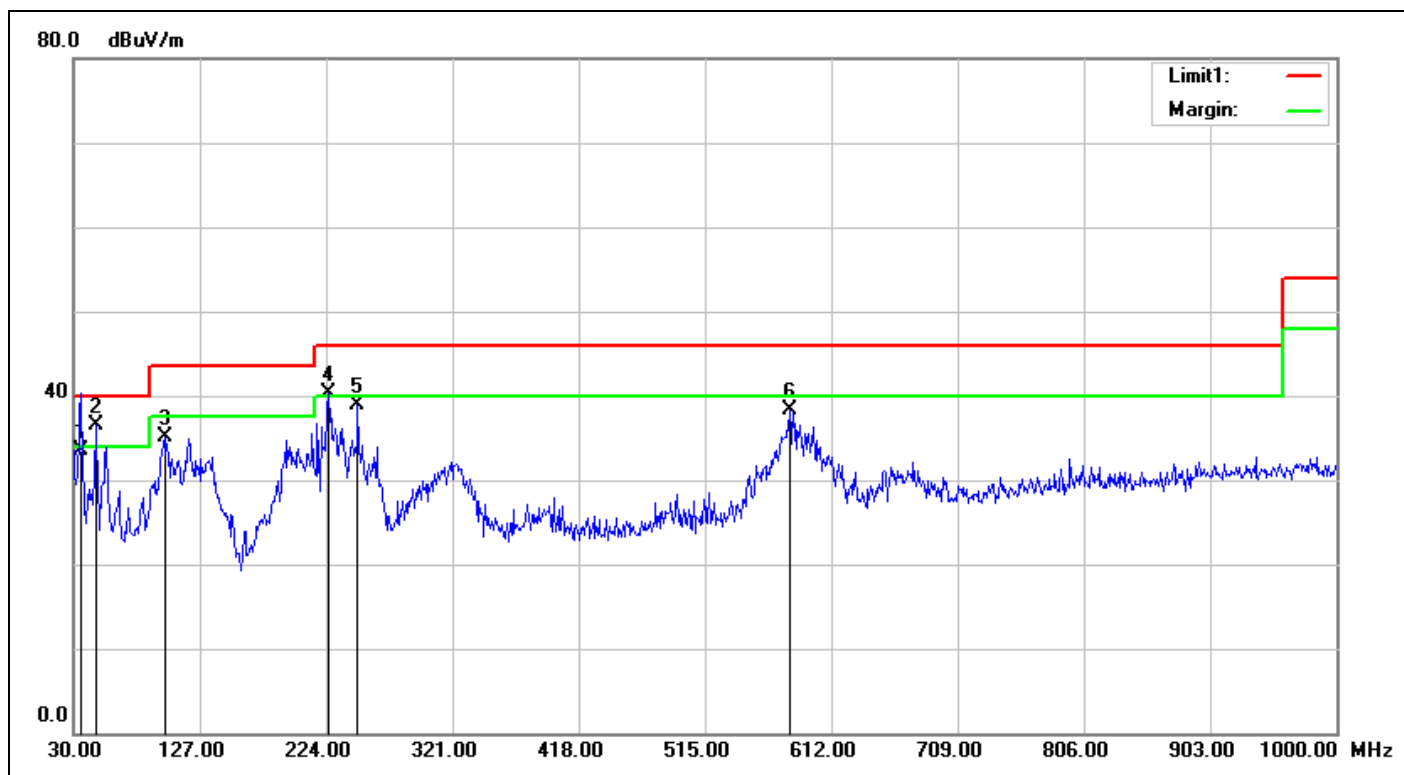
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|                |                             |                    |                    |
|----------------|-----------------------------|--------------------|--------------------|
| Service No.:   | 114060550                   | Test Distance:     | 3m                 |
| Test Standard: | FCC Class B 3M Radiation    | Ant. Polarization: | Horizontal         |
| Test item:     | Radiation Emission          | Test Time:         | 2017/5/12 14:20:44 |
| Applicant:     | Stanley Black & Decker      | Test Rating:       | DC 5V              |
| Product:       | Wireless Replaceable Sensor | Temp.(°C)/Hum.(%)  | 26.8(°C)/55%       |
| Model No.:     | 1950217                     | Test Engineer:     | George Yang        |
| Test Mode:     | 2440-TX                     |                    |                    |
| Remark:        |                             |                    |                    |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 93.0500         | -10.43        | 37.25          | 26.82          | 43.50          | -16.68      | QP   | 100         | 141           |        |
| 2   | 135.7300        | -6.99         | 41.22          | 34.23          | 43.50          | -9.27       | QP   | 100         | 40            |        |
| 3   | 194.9000        | -9.24         | 49.00          | 39.76          | 43.50          | -3.74       | QP   | 100         | 109           |        |
| 4   | 221.0900        | -8.21         | 51.83          | 43.62          | 46.00          | -2.38       | QP   | 100         | 324           |        |
| 5   | 233.7000        | -7.22         | 49.07          | 41.85          | 46.00          | -4.15       | QP   | 100         | 340           |        |
| 6   | 809.8800        | 2.99          | 36.51          | 39.50          | 46.00          | -6.50       | QP   | 100         | 360           |        |



|                       |                                    |                           |                           |
|-----------------------|------------------------------------|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114060550</b>                   | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC Class B 3M Radiation</b>    | <b>Ant. Polarization:</b> | <b>Vertical</b>           |
| <b>Test item:</b>     | <b>Radiation Emission</b>          | <b>Test Time:</b>         | <b>2017/5/12 14:21:48</b> |
| <b>Applicant:</b>     | <b>Stanley Black &amp; Decker</b>  | <b>Test Rating:</b>       | <b>DC 5V</b>              |
| <b>Product:</b>       | <b>Wireless Replaceable Sensor</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>26.8(°C)/55%</b>       |
| <b>Model No.:</b>     | <b>1950217</b>                     | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>2440-TX</b>                     |                           |                           |
| <b>Remark:</b>        |                                    |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 35.8200         | -3.41         | 36.91          | 33.50          | 40.00          | -6.50       | QP   | 100         | 115           |        |
| 2   | 47.4600         | -9.93         | 46.43          | 36.50          | 40.00          | -3.50       | QP   | 100         | 115           |        |
| 3   | 100.8100        | -9.36         | 44.52          | 35.16          | 43.50          | -8.34       | QP   | 100         | 136           |        |
| 4   | 225.9400        | -7.84         | 48.19          | 40.35          | 46.00          | -5.65       | QP   | 100         | 74            |        |
| 5   | 248.2500        | -5.90         | 44.86          | 38.96          | 46.00          | -7.04       | QP   | 100         | 92            |        |
| 6   | 579.9900        | -0.31         | 38.61          | 38.30          | 46.00          | -7.70       | QP   | 100         | 152           |        |

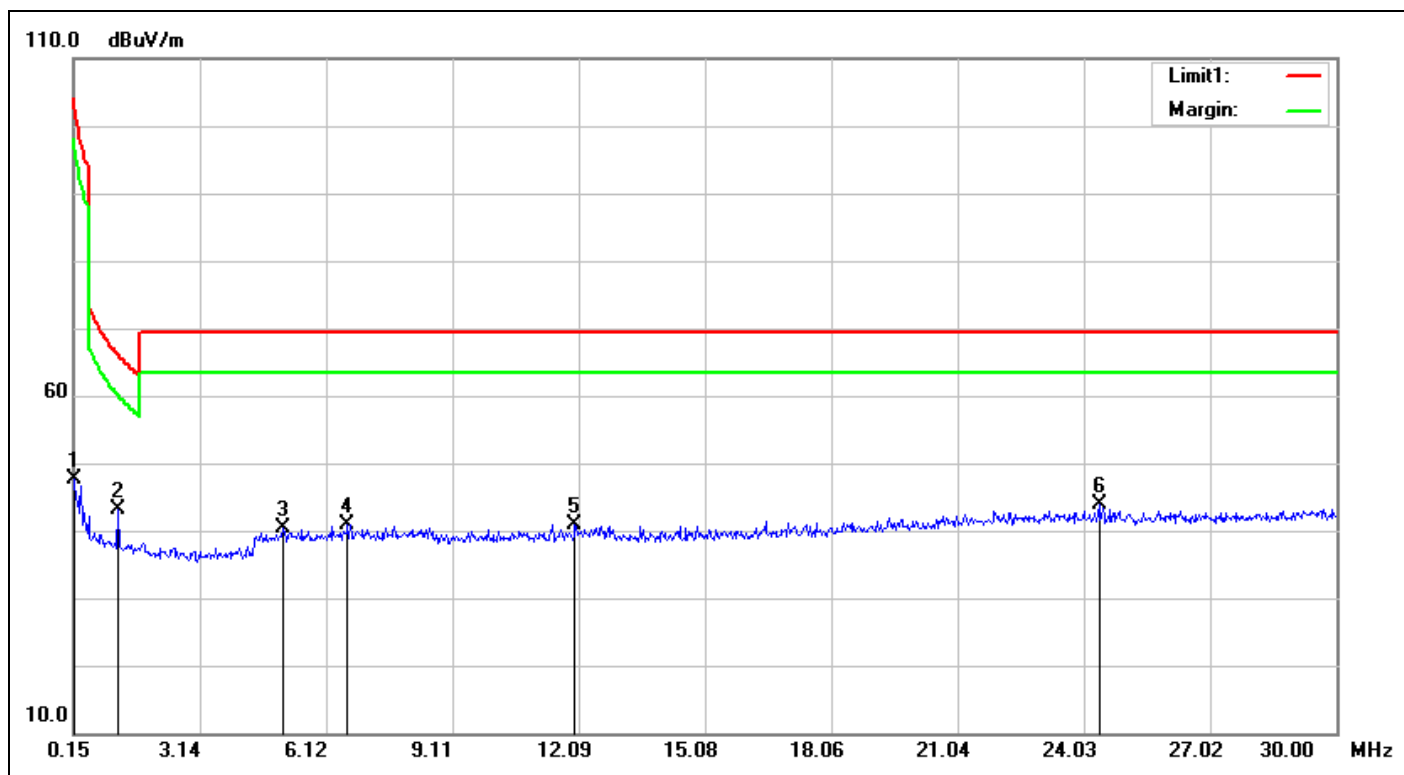
# Spurious Emissions, TX Mode, 150K-30M



**TUV Taiwan**

11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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|                       |                                    |                           |                           |
|-----------------------|------------------------------------|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114060550</b>                   | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>          | <b>Ant. Polarization:</b> |                           |
| <b>Test item:</b>     | <b>Radiation Emission</b>          | <b>Test Time:</b>         | <b>2017/5/12 14:35:22</b> |
| <b>Applicant:</b>     | <b>Stanley Black &amp; Decker</b>  | <b>Test Rating:</b>       | <b>DC 5V</b>              |
| <b>Product:</b>       | <b>Wireless Replaceable Sensor</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>26.8(°C)/55%</b>       |
| <b>Model No.:</b>     | <b>1950217</b>                     | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>2440-TX</b>                     |                           |                           |
| <b>Remark:</b>        |                                    |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 0.1798          | 18.77         | 28.88          | 47.65          | 102.50         | -54.85      | peak | 100         | 125           |        |
| 2   | 1.1947          | 19.04         | 24.17          | 43.21          | 66.08          | -22.87      | peak | 100         | 111           |        |
| 3   | 5.1051          | 19.62         | 20.86          | 40.48          | 69.50          | -29.02      | peak | 100         | 347           |        |
| 4   | 6.6274          | 19.86         | 21.05          | 40.91          | 69.50          | -28.59      | peak | 100         | 150           |        |
| 5   | 12.0004         | 20.62         | 20.16          | 40.78          | 69.50          | -28.72      | peak | 100         | 332           |        |
| 6   | 24.3882         | 21.87         | 21.91          | 43.78          | 69.50          | -25.72      | peak | 100         | 292           |        |

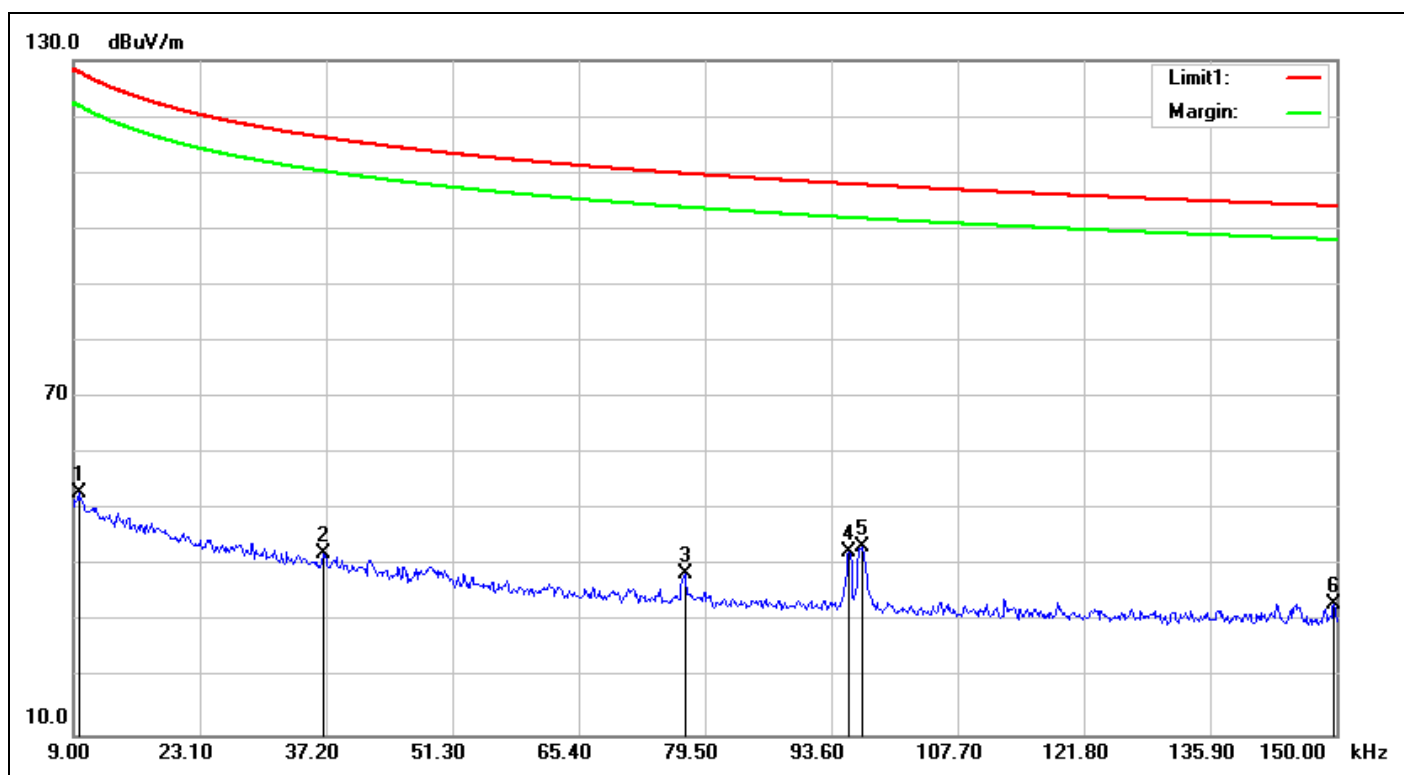
# Spurious Emissions, TX Mode, 9K-150K



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|                       |                                    |                           |                           |
|-----------------------|------------------------------------|---------------------------|---------------------------|
| <b>Service No.:</b>   | <b>114060550</b>                   | <b>Test Distance:</b>     | <b>3m</b>                 |
| <b>Test Standard:</b> | <b>FCC15.209_9k-1G_3m</b>          | <b>Ant. Polarization:</b> |                           |
| <b>Test item:</b>     | <b>Radiation Emission</b>          | <b>Test Time:</b>         | <b>2017/5/12 14:32:05</b> |
| <b>Applicant:</b>     | <b>Stanley Black &amp; Decker</b>  | <b>Test Rating:</b>       | <b>DC 5V</b>              |
| <b>Product:</b>       | <b>Wireless Replaceable Sensor</b> | <b>Temp.(°C)/Hum.(%):</b> | <b>26.8(°C)/55%</b>       |
| <b>Model No.:</b>     | <b>1950217</b>                     | <b>Test Engineer:</b>     | <b>George Yang</b>        |
| <b>Test Mode:</b>     | <b>2440-TX</b>                     |                           |                           |
| <b>Remark:</b>        |                                    |                           |                           |

| No. | Frequency (MHz) | Factor (dB/m) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Det. | Height (cm) | Azimuth ( ° ) | Remark |
|-----|-----------------|---------------|----------------|----------------|----------------|-------------|------|-------------|---------------|--------|
| 1   | 0.0095          | 19.93         | 33.05          | 52.98          | 128.03         | -75.05      | QP   | 100         | 285           |        |
| 2   | 0.0369          | 19.88         | 22.35          | 42.23          | 116.25         | -74.02      | QP   | 100         | 96            |        |
| 3   | 0.0772          | 19.01         | 19.52          | 38.53          | 109.84         | -71.31      | QP   | 100         | 139           |        |
| 4   | 0.0955          | 18.88         | 23.69          | 42.57          | 108.00         | -65.43      | QP   | 100         | 360           |        |
| 5   | 0.0969          | 18.86         | 24.56          | 43.42          | 107.87         | -64.45      | QP   | 100         | 179           |        |
| 6   | 0.1497          | 18.80         | 14.55          | 33.35          | 104.09         | -70.74      | QP   | 100         | 83            |        |