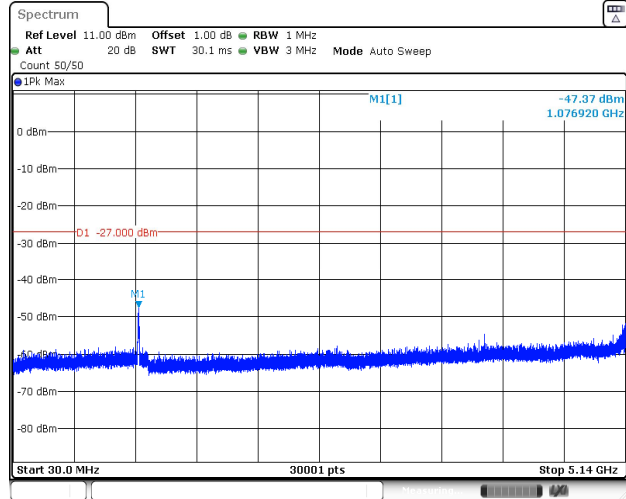
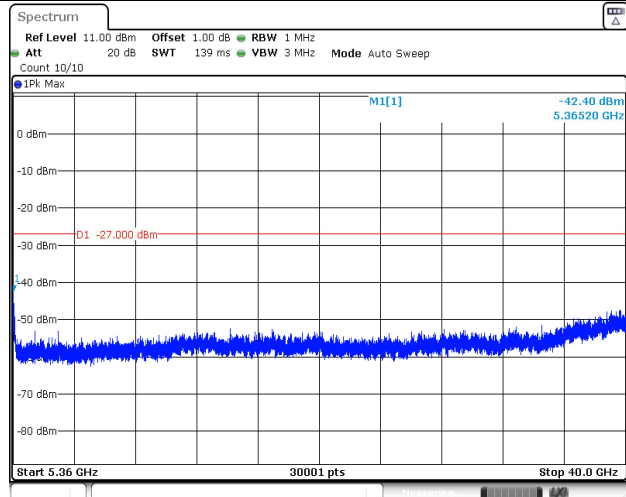


## 11AX20SISO Ant1 5280 30-5140



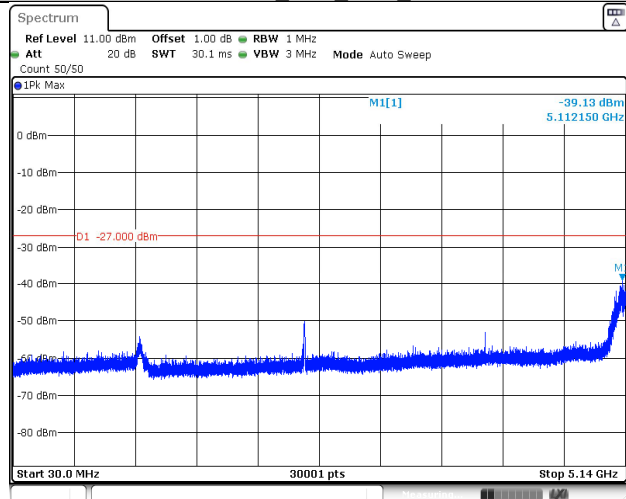
Date: 9 AUG 2022 12:41:52

## 11AX20SISO Ant1 5280 5360-40000

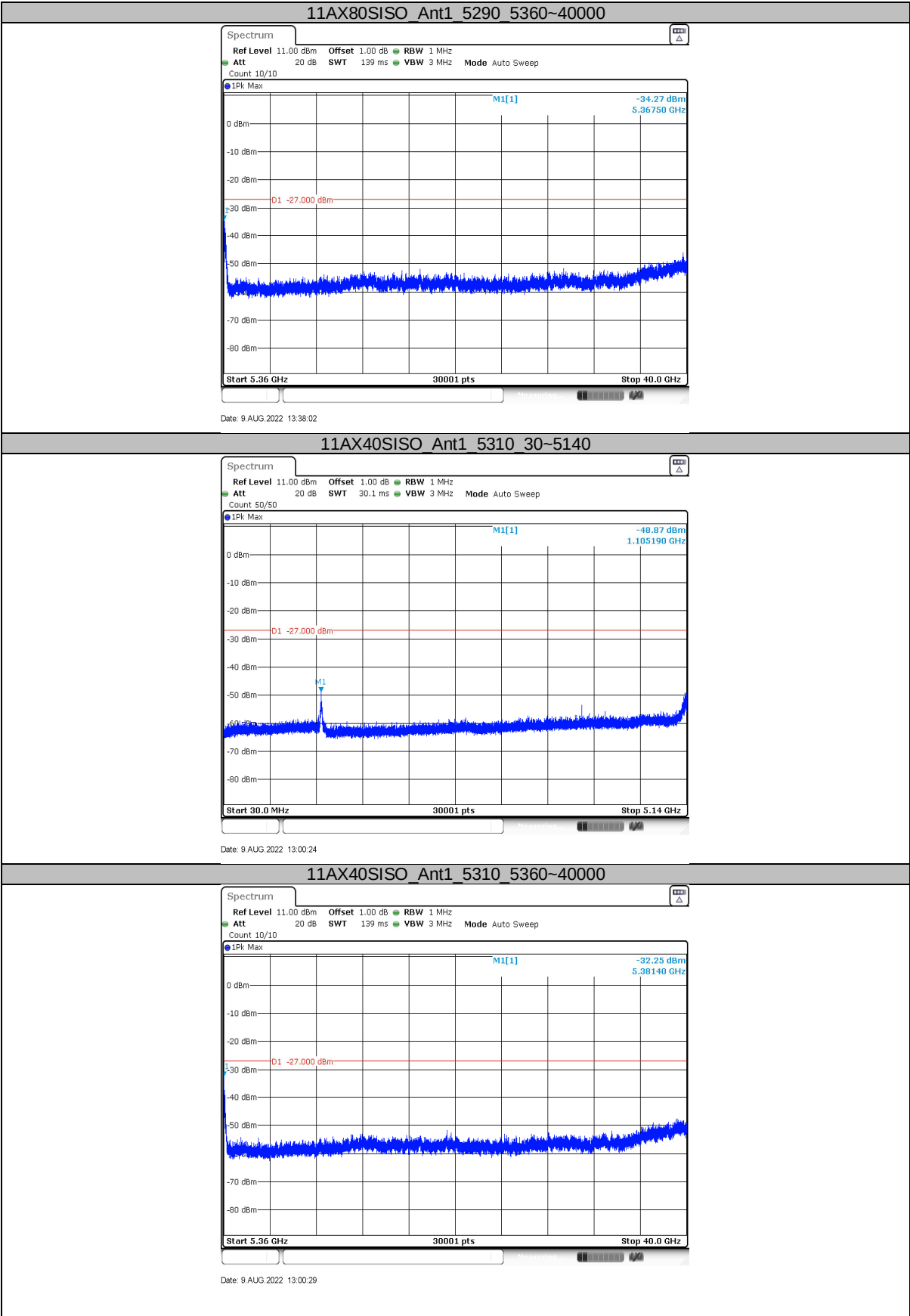


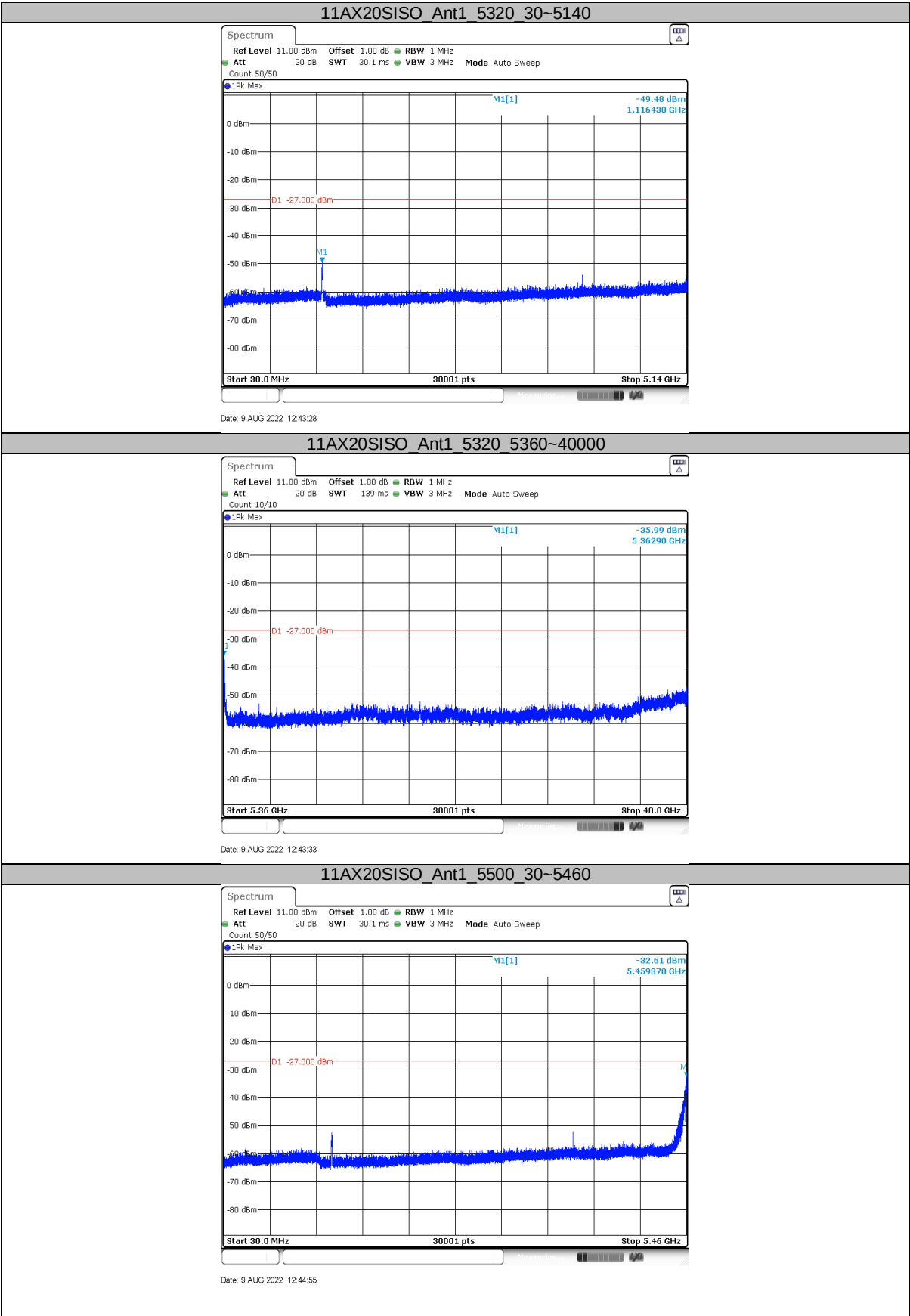
Date: 9 AUG 2022 12:41:57

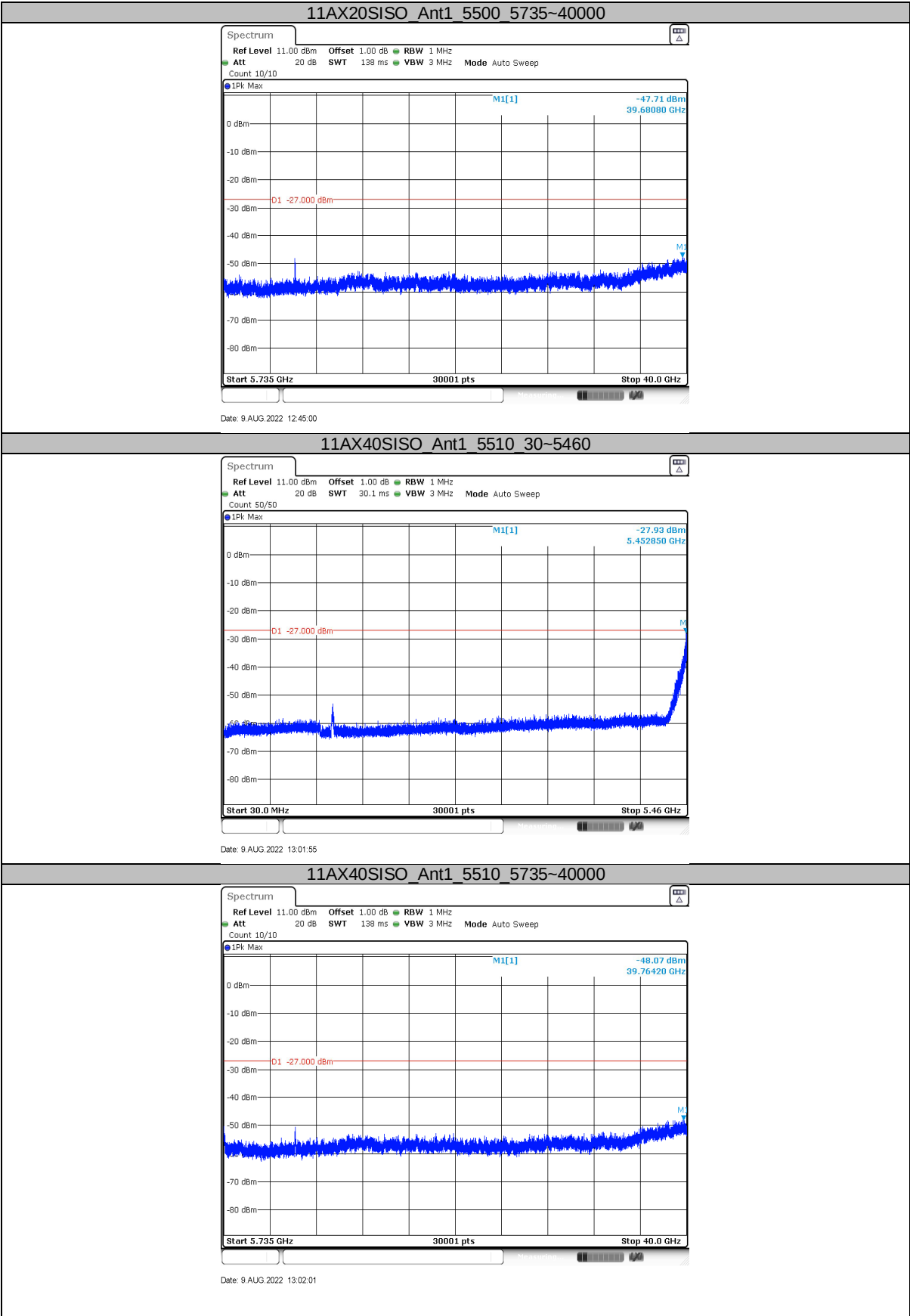
## 11AX80SISO Ant1 5290 30-5140

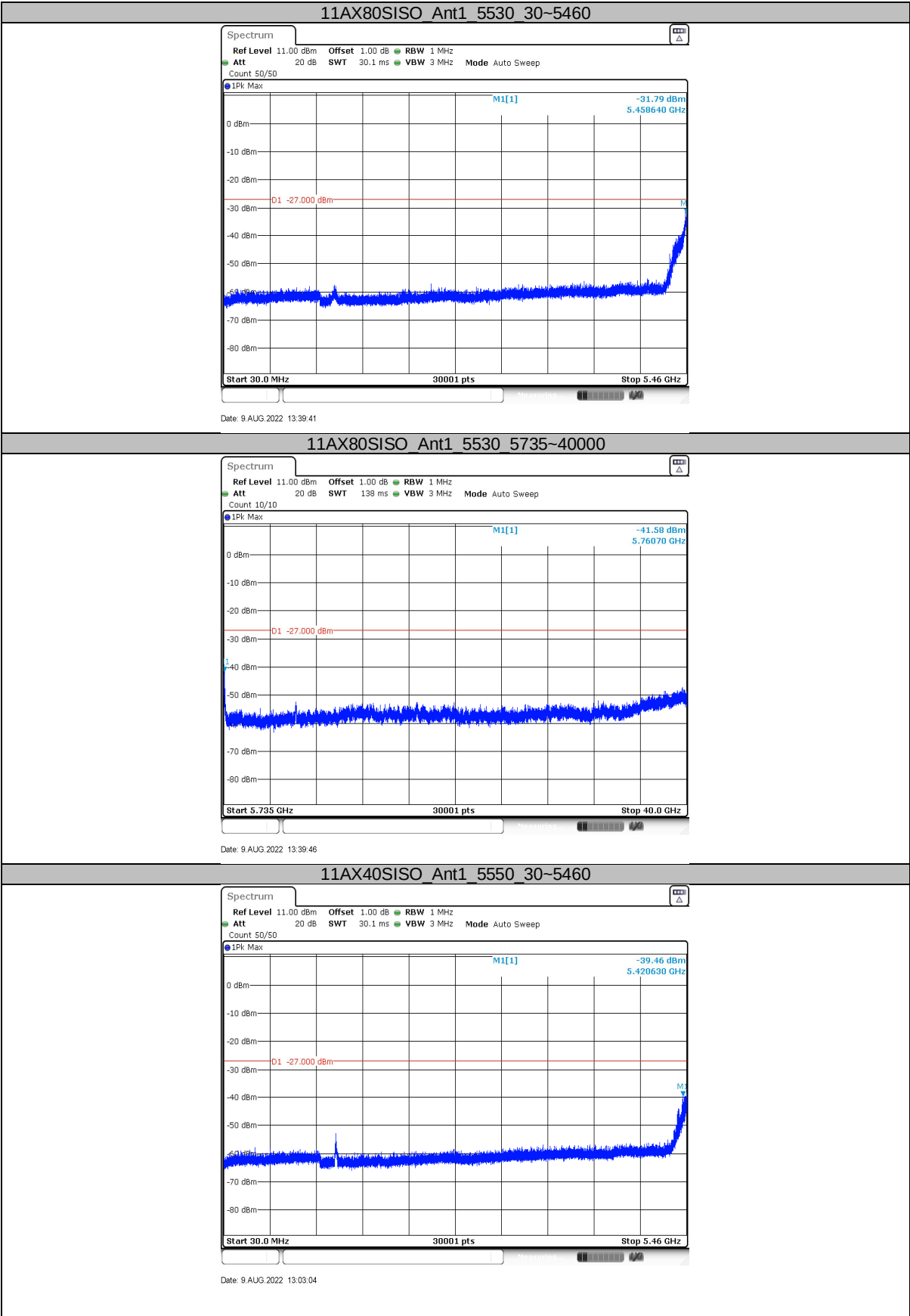


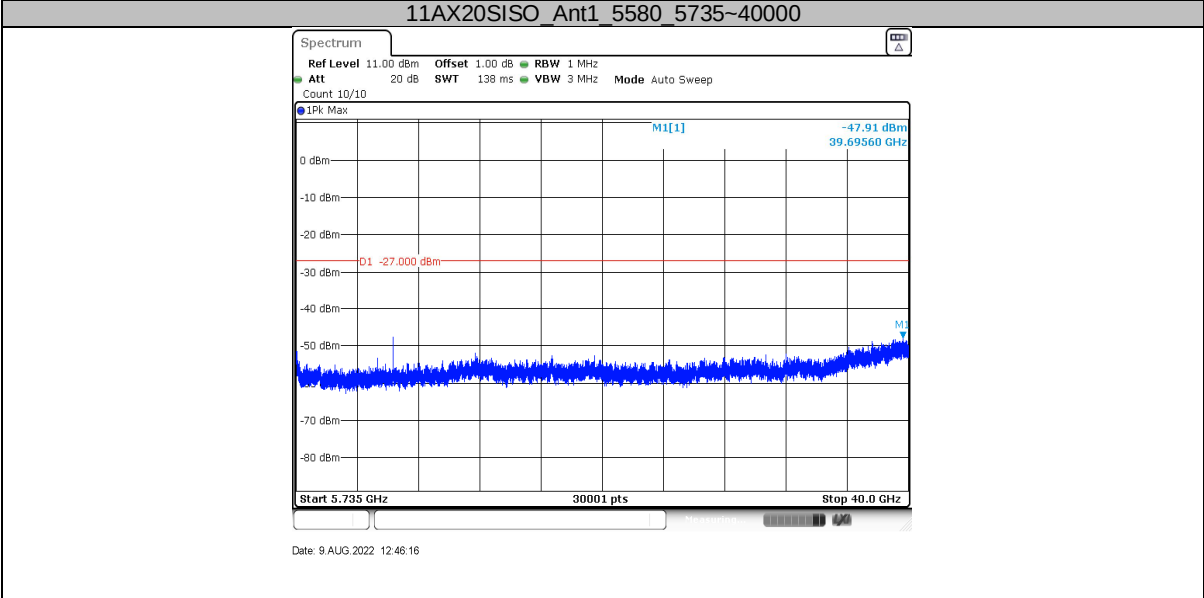
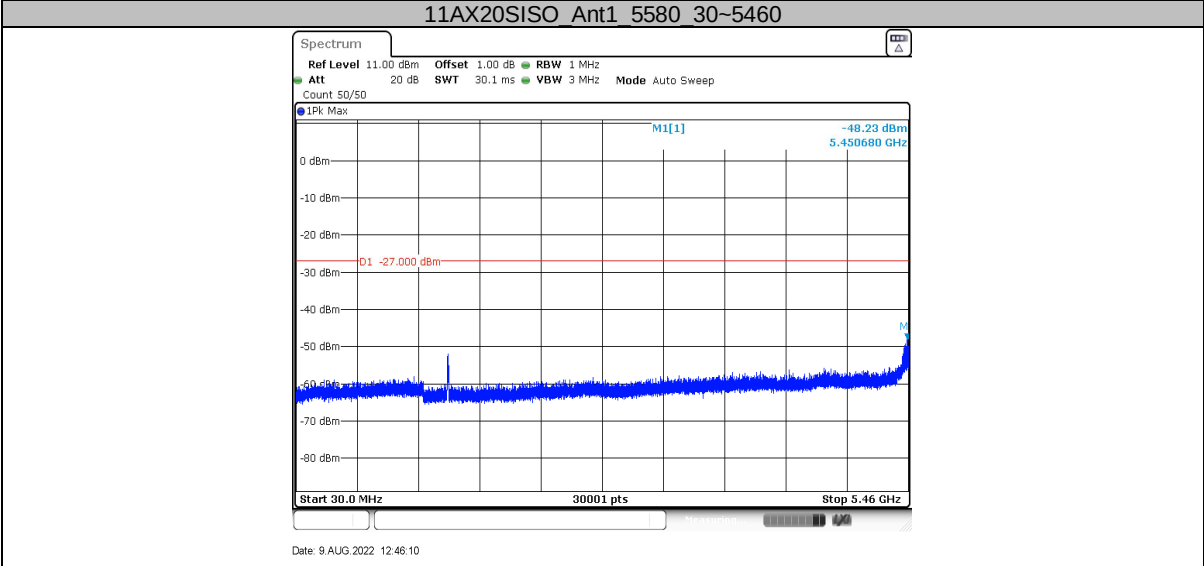
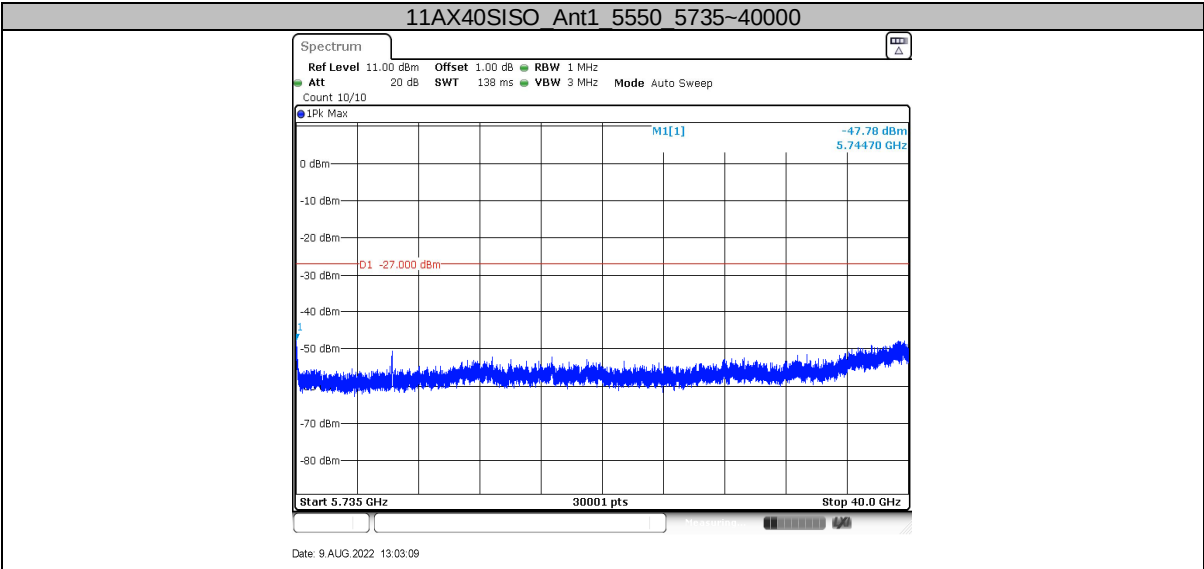
Date: 9 AUG 2022 13:37:57

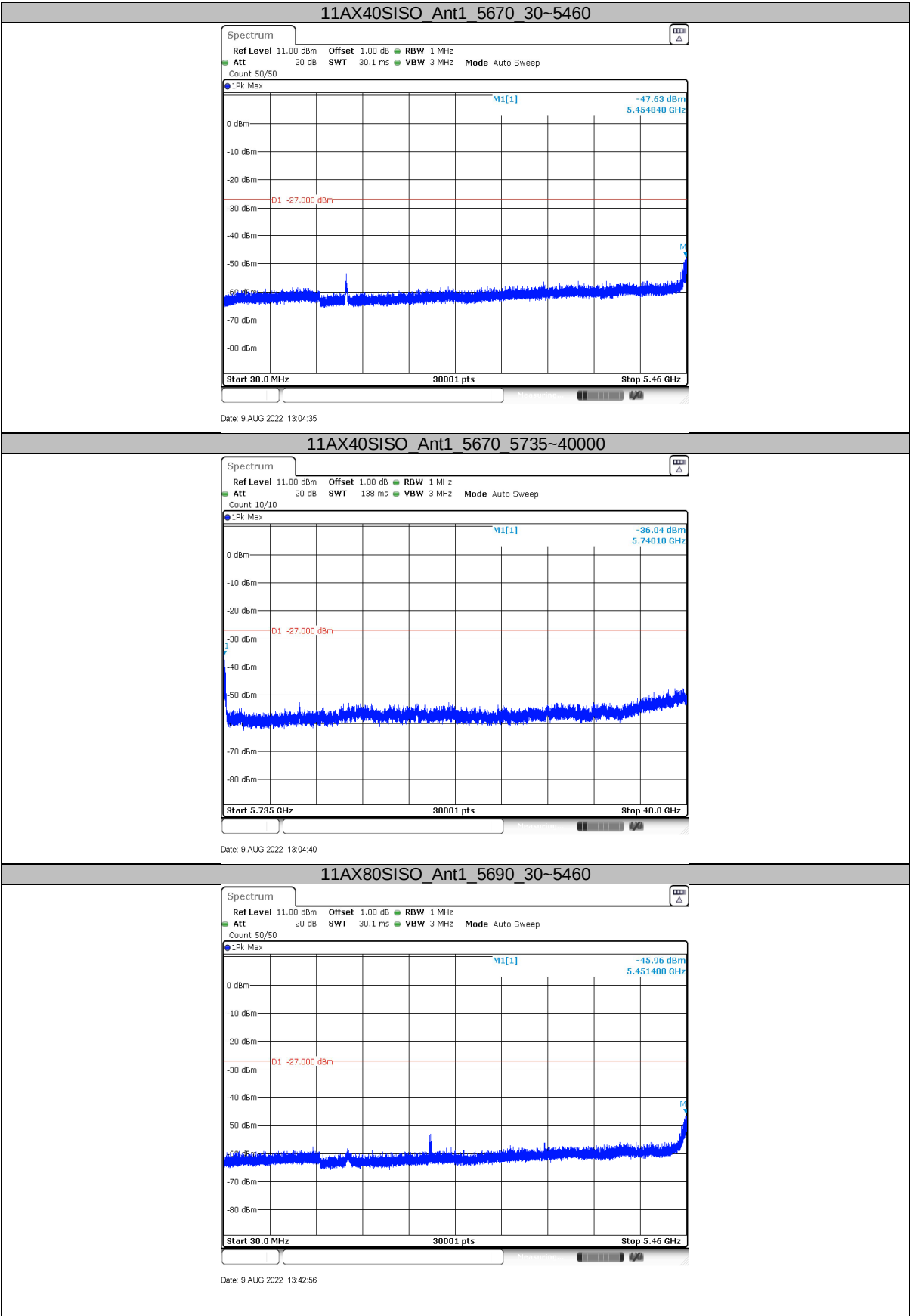


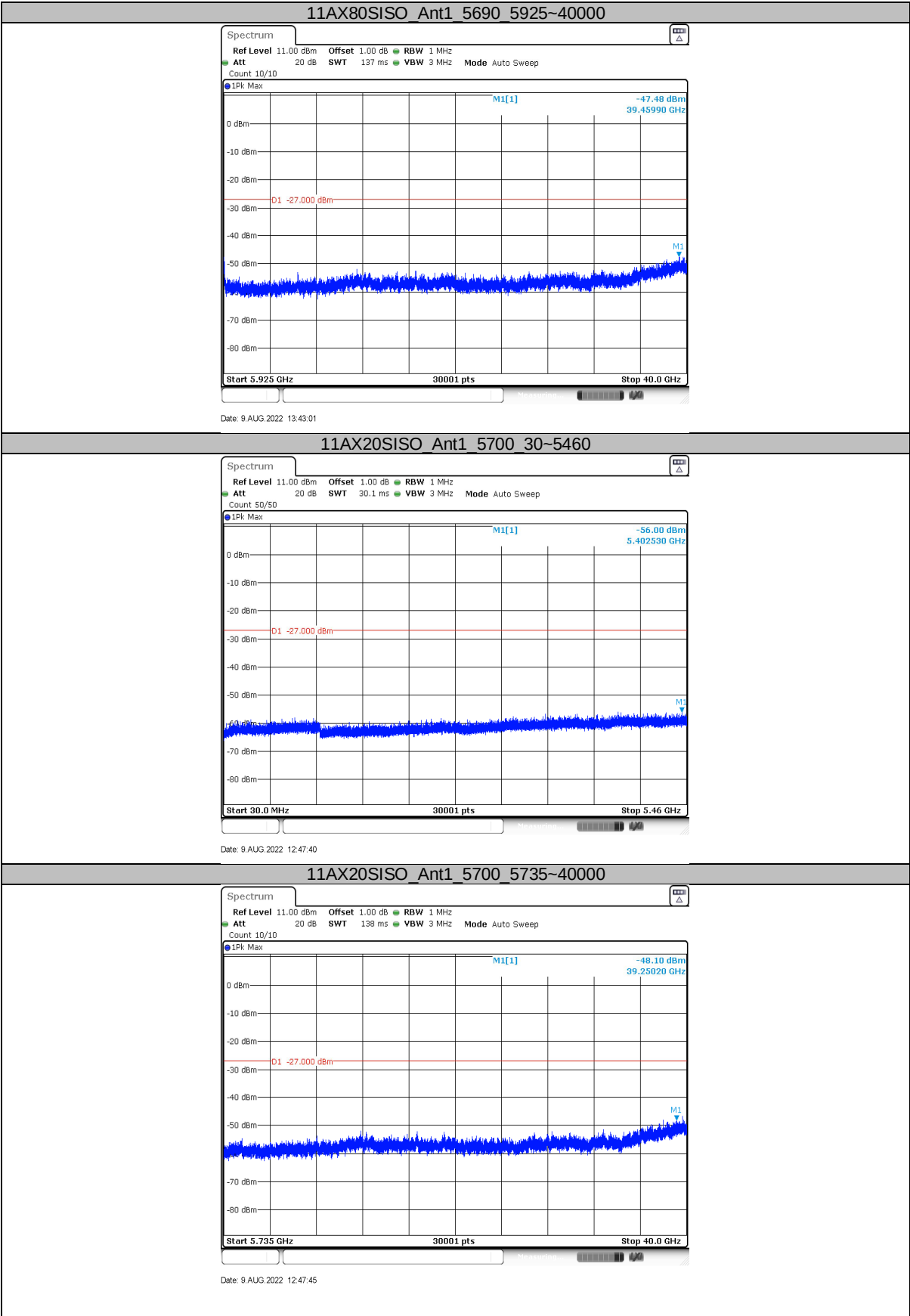




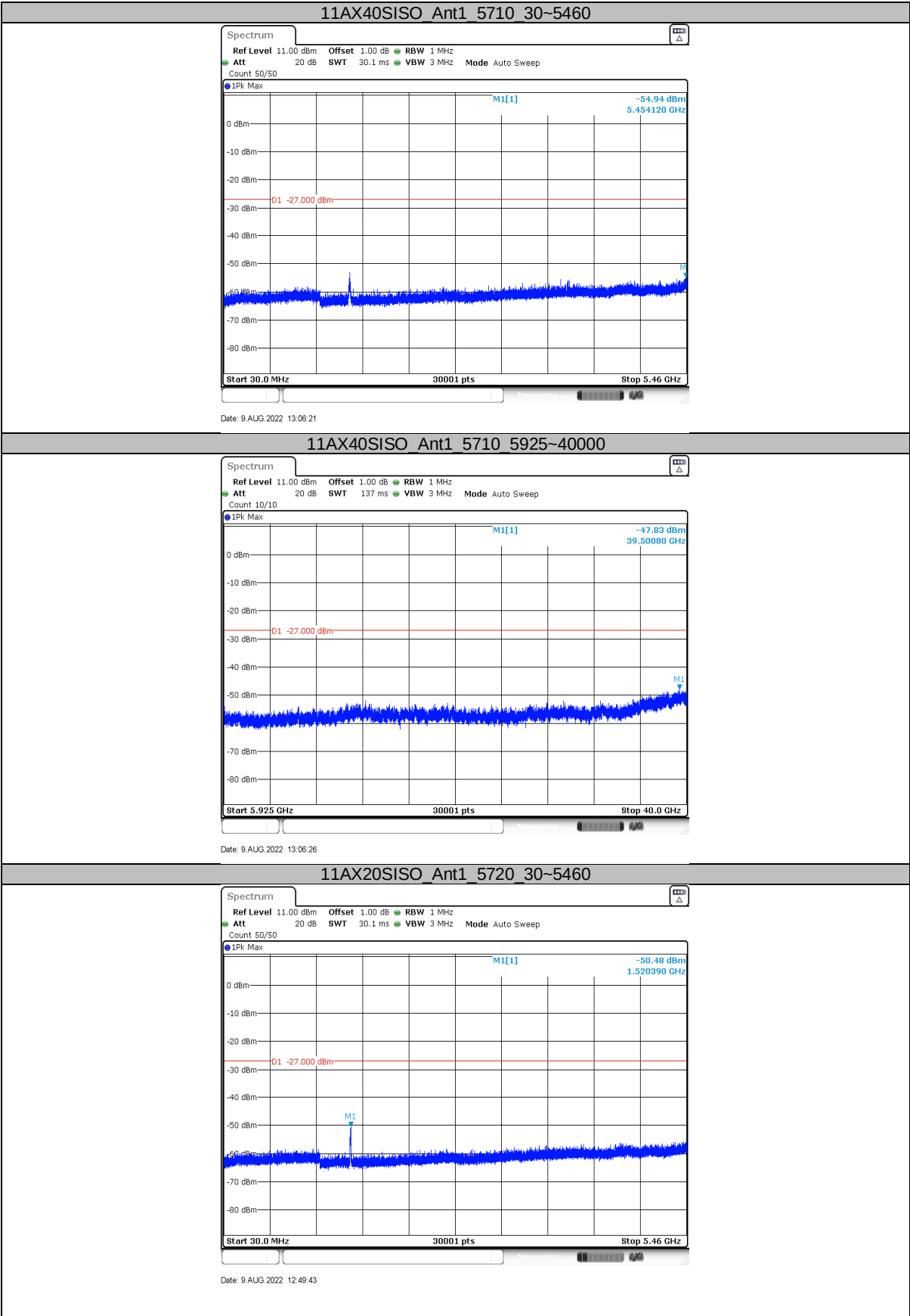


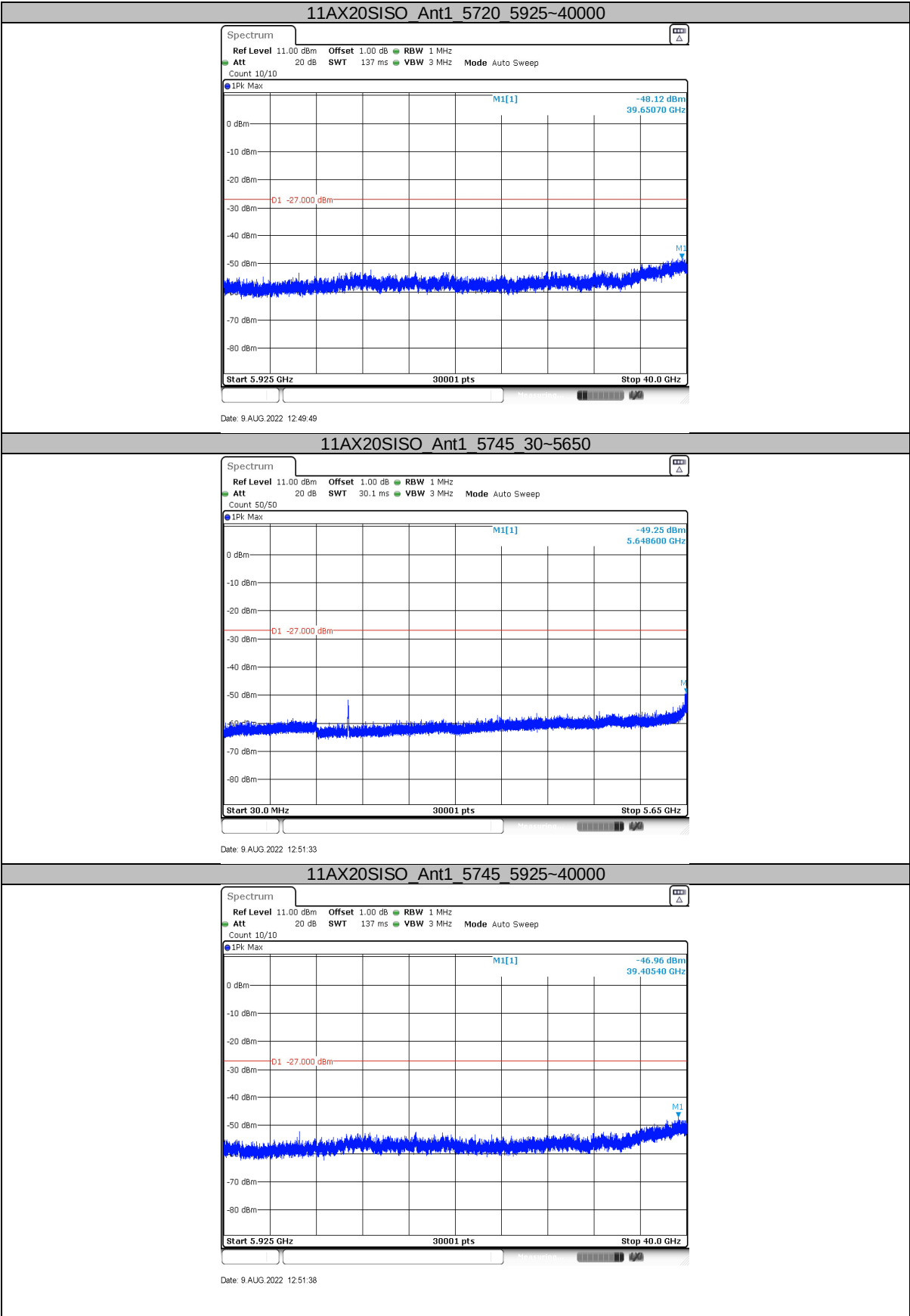


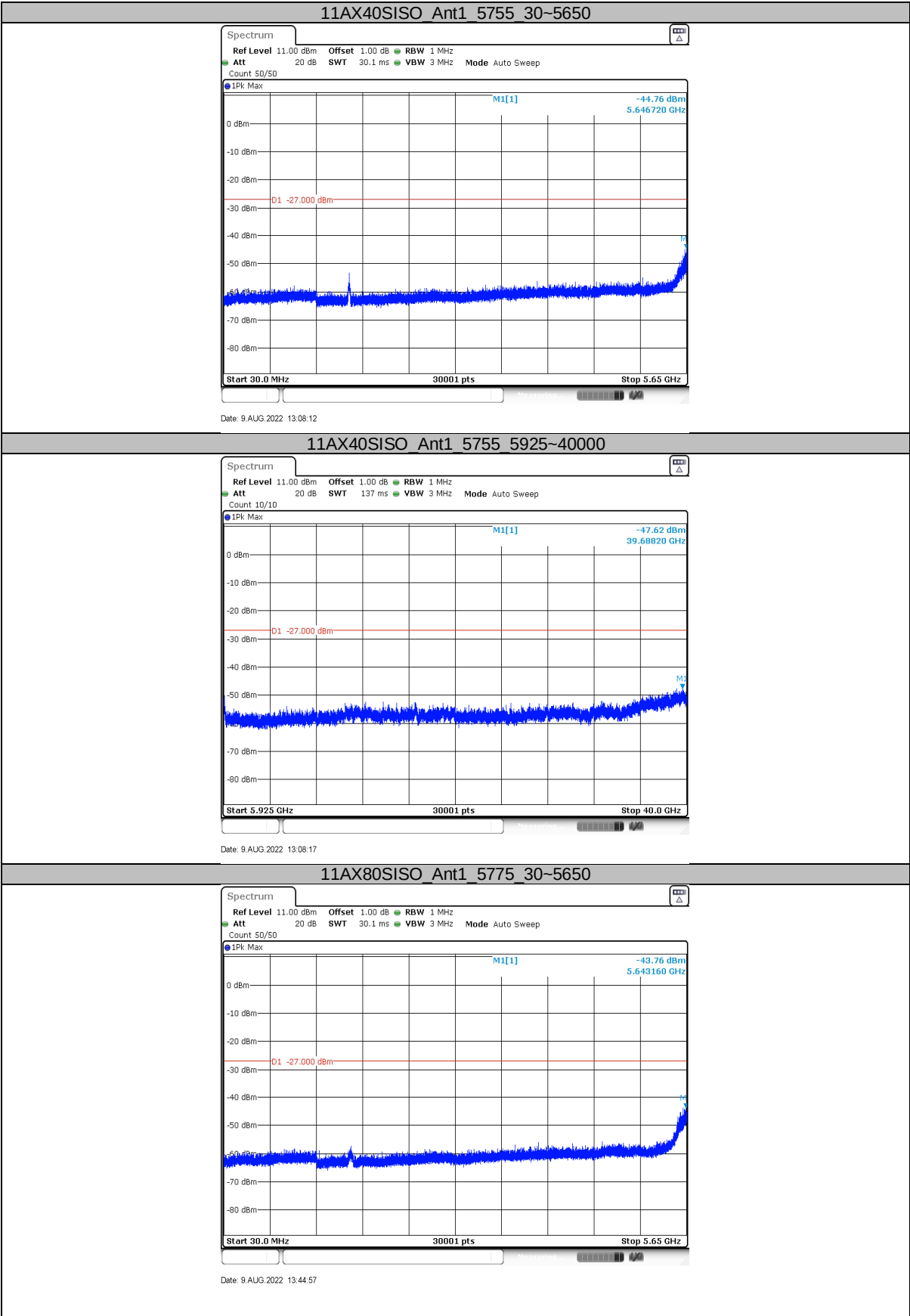


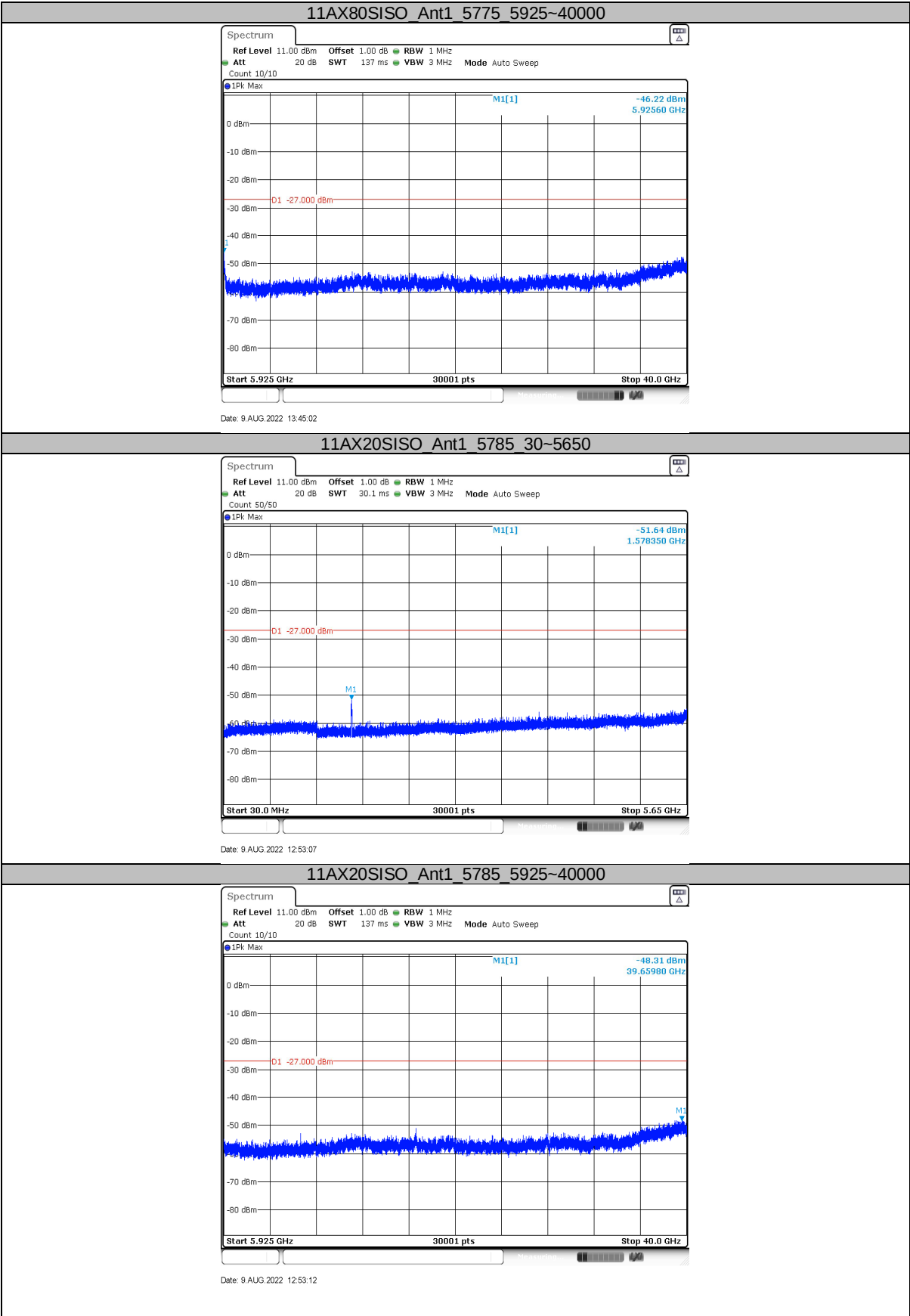


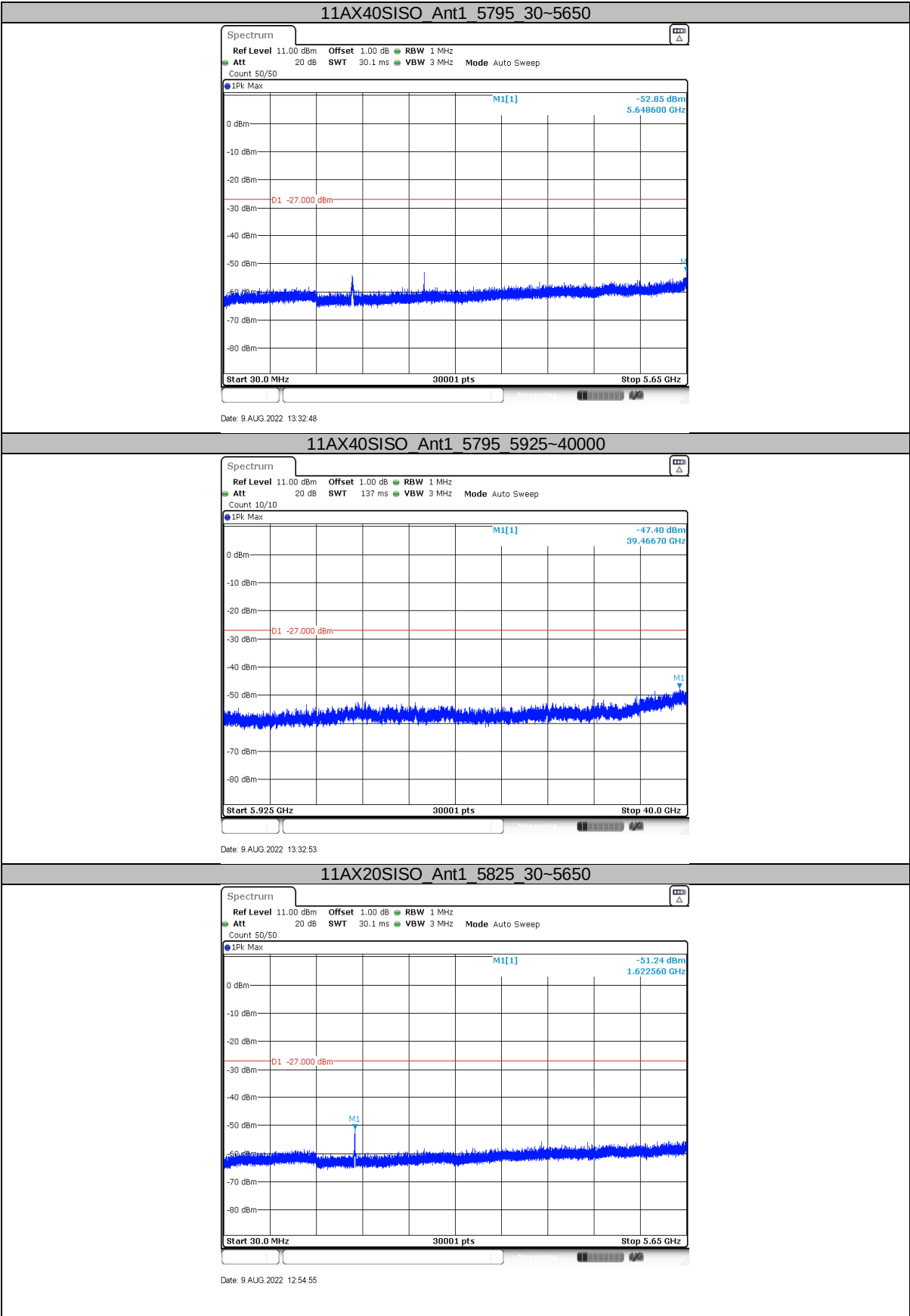


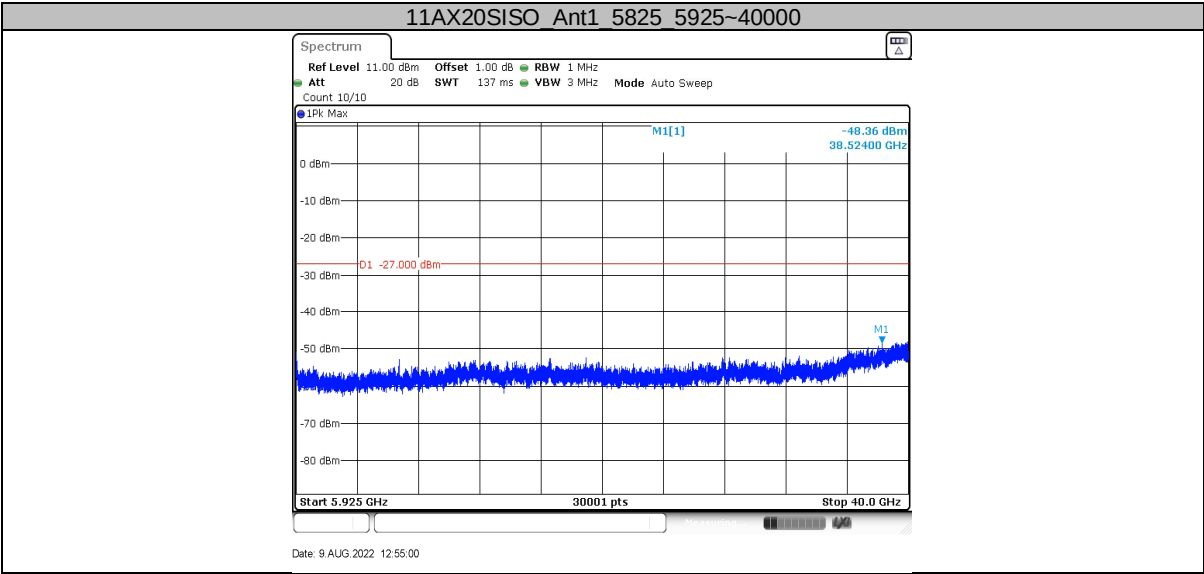












## 9.6 Band Edge

### Test Method

According to KBD789033 D02

The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement.

### Limits:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

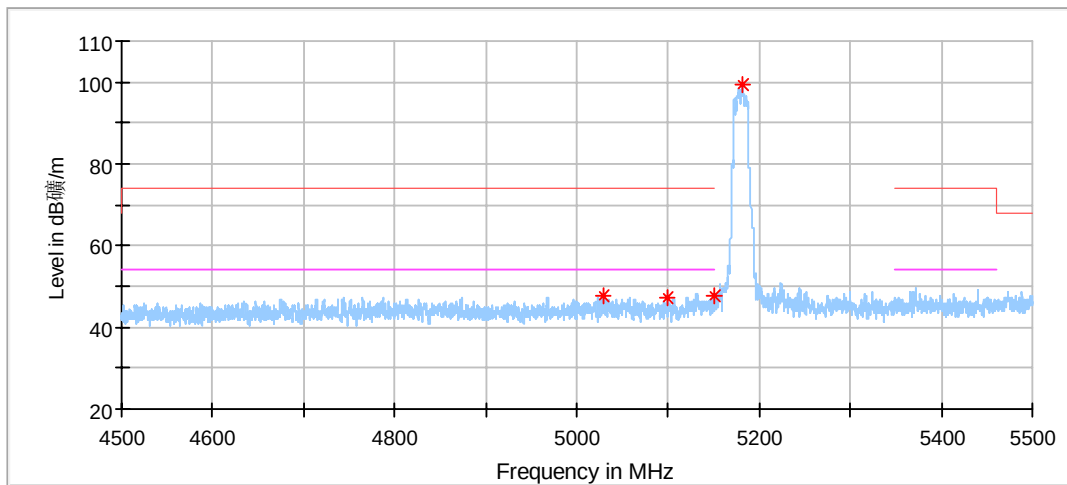
For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed -27 dBm/MHz e.i.r.p.

For transmitters operating in the 5.725-5.85 GHz band: shall have e.i.r.p. of unwanted emissions comply with the following:

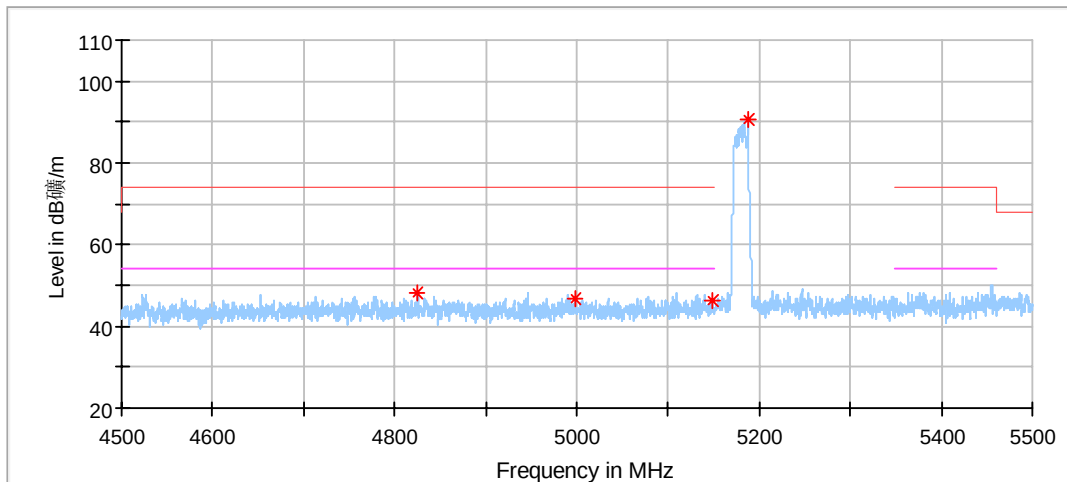
- a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
- b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

Remark: only the worst case shown on the report.  
802.11A20 Modulation 5180MHz Test Result



### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5027.916667     | 47.83            | 74.00          | 26.17       | 150.0       | H   | 312.0         | 4.63         |
| 5098.500000     | 47.35            | 74.00          | 26.65       | 150.0       | H   | 252.0         | 4.93         |
| 5151.166667     | 47.59            | ---            | ---         | 150.0       | H   | 135.0         | 5.39         |
| 5181.666667     | 99.27            | ---            | ---         | 150.0       | H   | 135.0         | 5.46         |

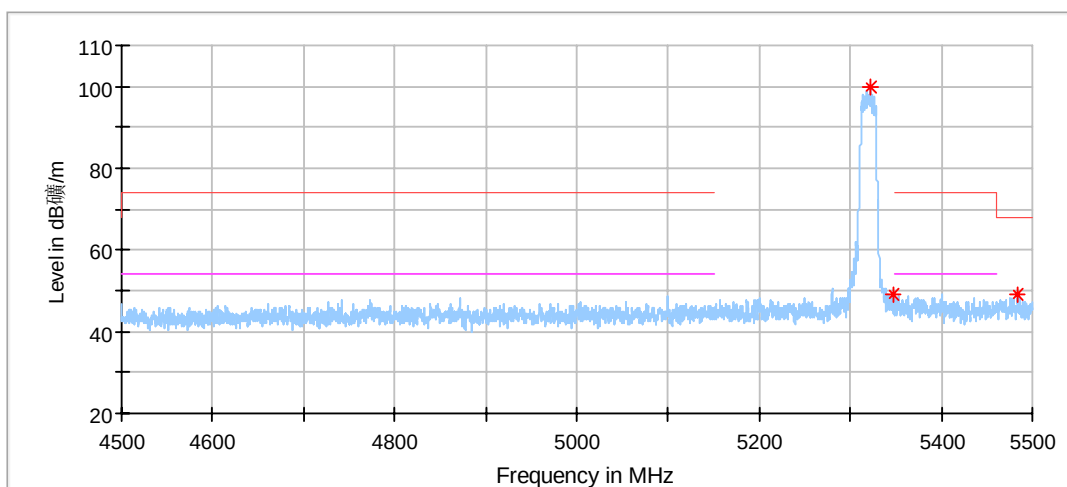


### Critical\_Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4824.916667     | 48.35            | 74.00          | 25.65       | 150.0       | V   | 208.0         | 3.86         |
| 4997.250000     | 46.80            | 74.00          | 27.20       | 150.0       | V   | 0.0           | 4.64         |
| 5149.166667     | 46.25            | 74.00          | 27.75       | 150.0       | V   | 93.0          | 5.38         |
| 5187.500000     | 90.68            | ---            | ---         | 150.0       | V   | 224.0         | 5.45         |

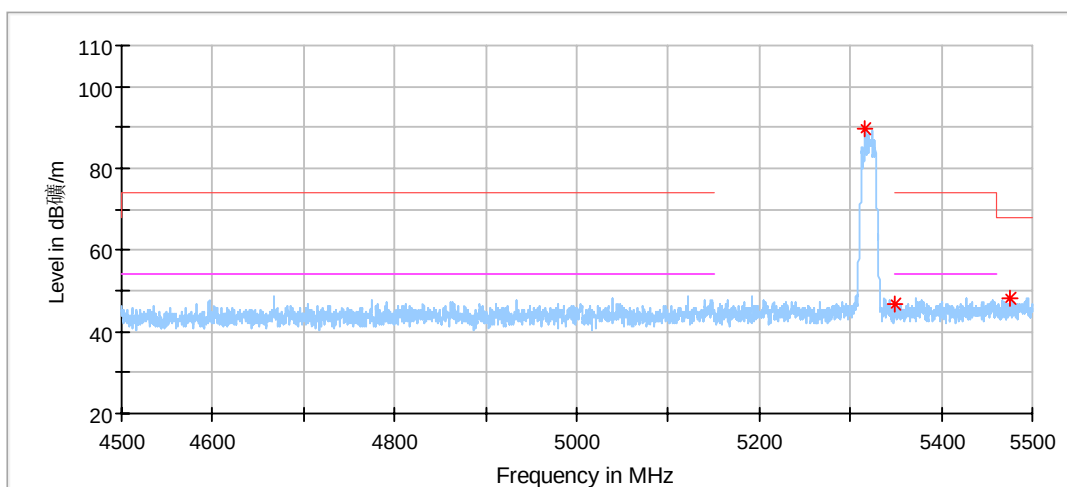


## 802.11A20 Modulation 5320MHz Test Result



## Critical Freqs

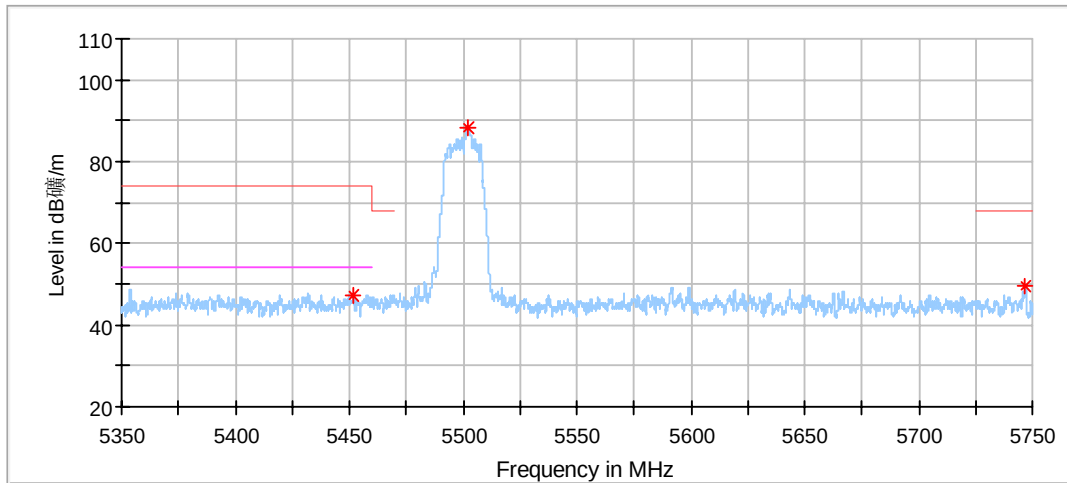
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5322.000000     | 99.98            | ---            | ---         | 150.0       | H   | 240.0         | 5.56         |
| 5346.750000     | 48.88            | ---            | ---         | 150.0       | H   | 160.0         | 5.40         |
| 5483.583333     | 49.18            | 68.20          | 19.02       | 150.0       | H   | 359.0         | 6.04         |



## Critical Freqs

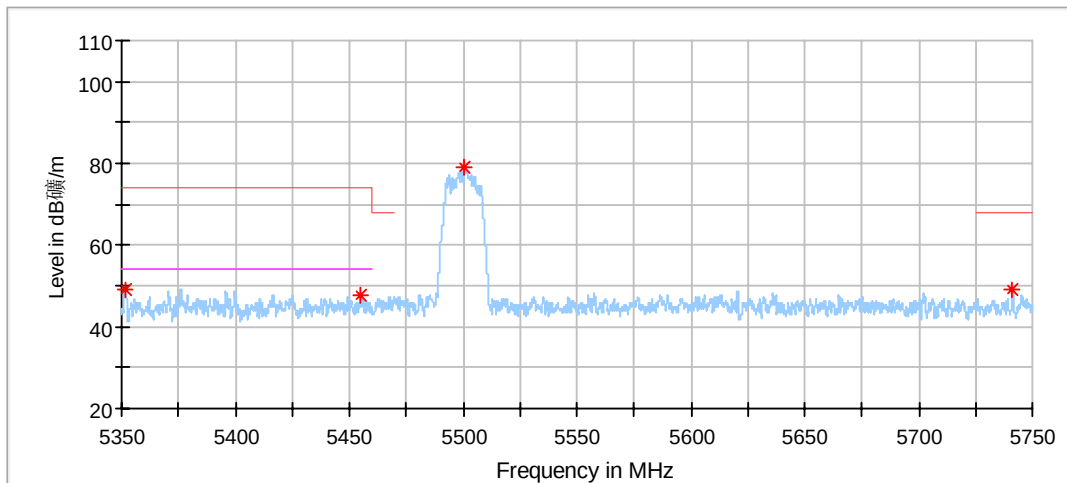
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5317.083333     | 89.66            | ---            | ---         | 150.0       | V   | 90.0          | 5.55         |
| 5349.000000     | 46.97            | ---            | ---         | 150.0       | V   | 318.0         | 5.38         |
| 5476.000000     | 48.27            | 68.20          | 19.93       | 150.0       | V   | 340.0         | 6.01         |

## 802.11A Modulation 5500MHz Test Result



## Critical Freqs

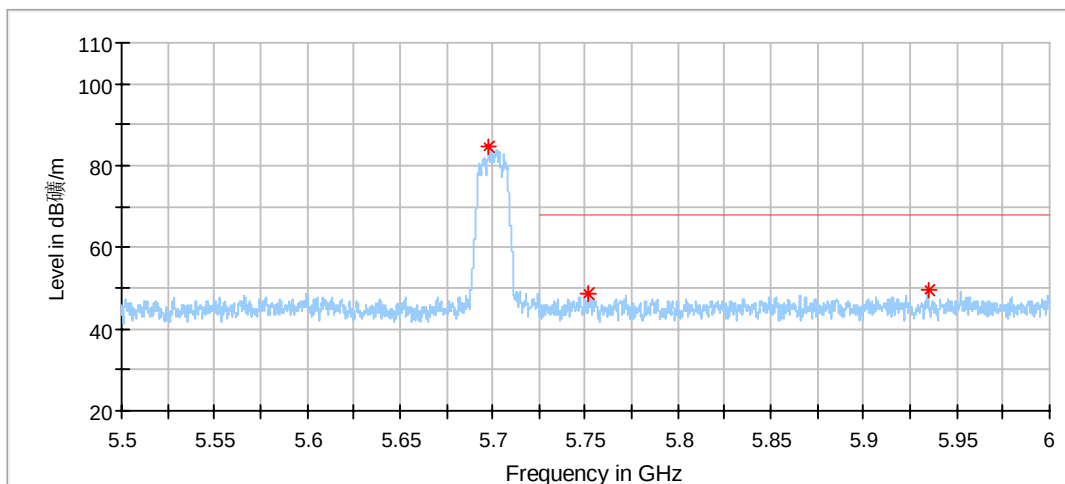
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5451.500000     | 47.35            | 74.00          | 26.65       | 150.0       | H   | 31.0          | 5.85         |
| 5502.033333     | 88.17            | ---            | ---         | 150.0       | H   | 296.0         | 5.89         |
| 5746.900000     | 49.65            | 68.20          | 18.55       | 150.0       | H   | 112.0         | 5.39         |



## Critical Freqs

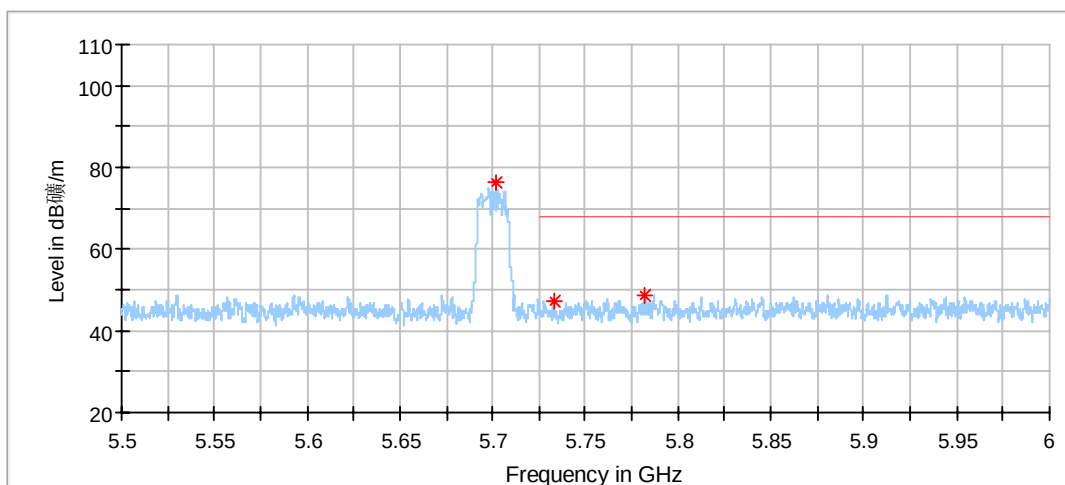
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5351.500000     | 48.93            | 74.00          | 25.07       | 150.0       | V   | 261.0         | 5.37         |
| 5455.366667     | 47.57            | 74.00          | 26.43       | 150.0       | V   | 139.0         | 5.88         |
| 5500.633333     | 78.90            | ---            | ---         | 150.0       | V   | 224.0         | 5.90         |
| 5741.100000     | 49.06            | 68.20          | 19.14       | 150.0       | V   | 18.0          | 5.39         |

## 802.11A Modulation 5700MHz Test Result



## Critical Freqs

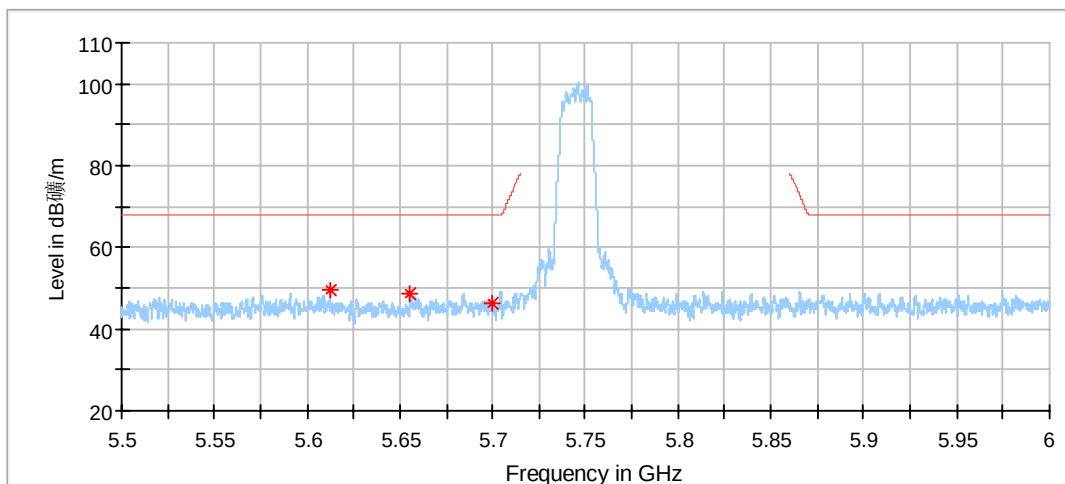
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5698.041667     | 84.81            | ---            | ---         | 150.0       | H   | 326.0         | 5.40         |
| 5751.791667     | 48.40            | 68.20          | 19.80       | 150.0       | H   | 198.0         | 5.40         |
| 5934.875000     | 49.56            | 68.20          | 18.64       | 150.0       | H   | 236.0         | 5.89         |



## Critical Freqs

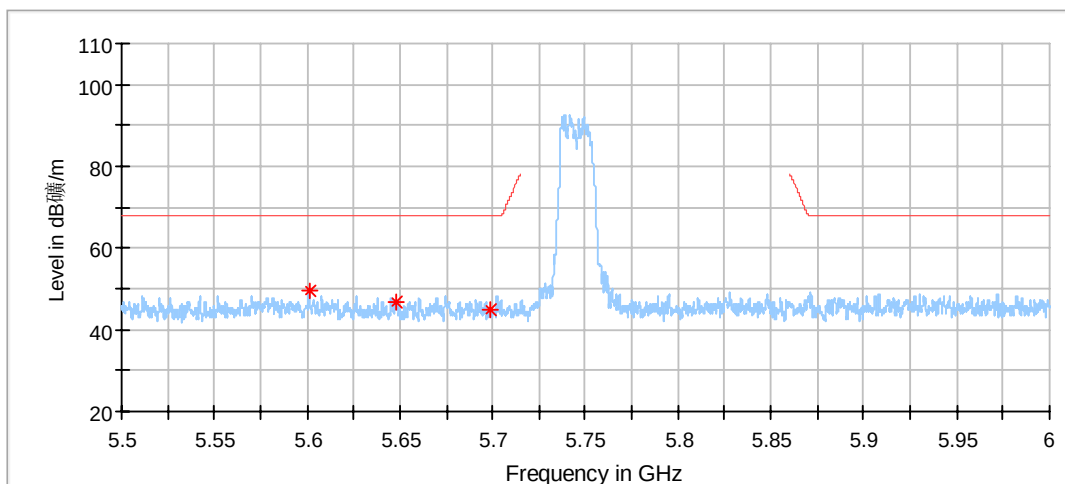
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5701.625000     | 76.09            | ---            | ---         | 150.0       | V   | 218.0         | 5.40         |
| 5732.791667     | 47.08            | 68.20          | 21.12       | 150.0       | V   | 86.0          | 5.39         |
| 5782.250000     | 48.63            | 68.20          | 19.57       | 150.0       | V   | 240.0         | 5.54         |

## 802.11A Modulation 5745MHz Test Result



## Critical Freqs

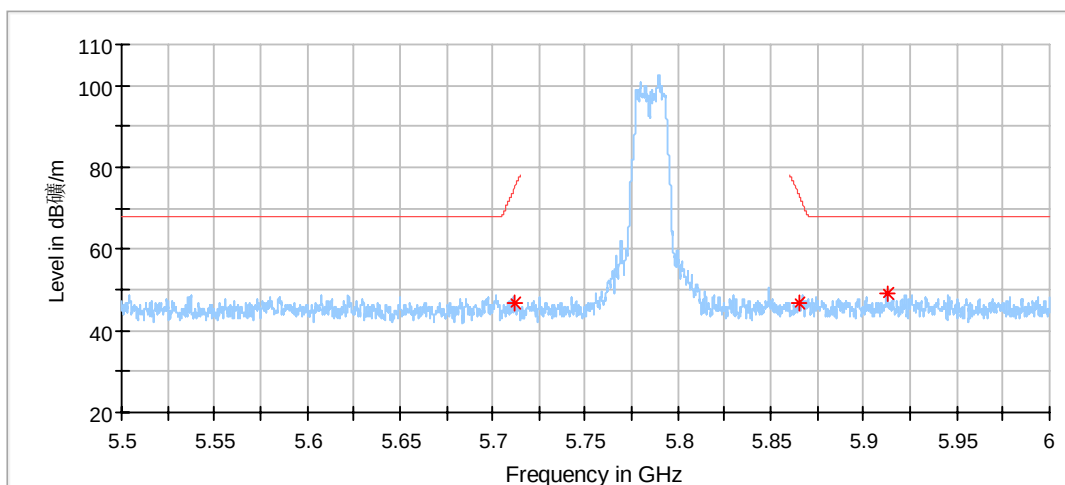
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5612.416667     | 49.34            | 68.20          | 18.86       | 150.0       | H   | 157.0         | 5.60         |
| 5655.666667     | 48.41            | 68.20          | 19.79       | 150.0       | H   | 311.0         | 5.28         |
| 5699.500000     | 46.34            | 68.20          | 21.86       | 150.0       | H   | 194.0         | 5.40         |



## Critical Freqs

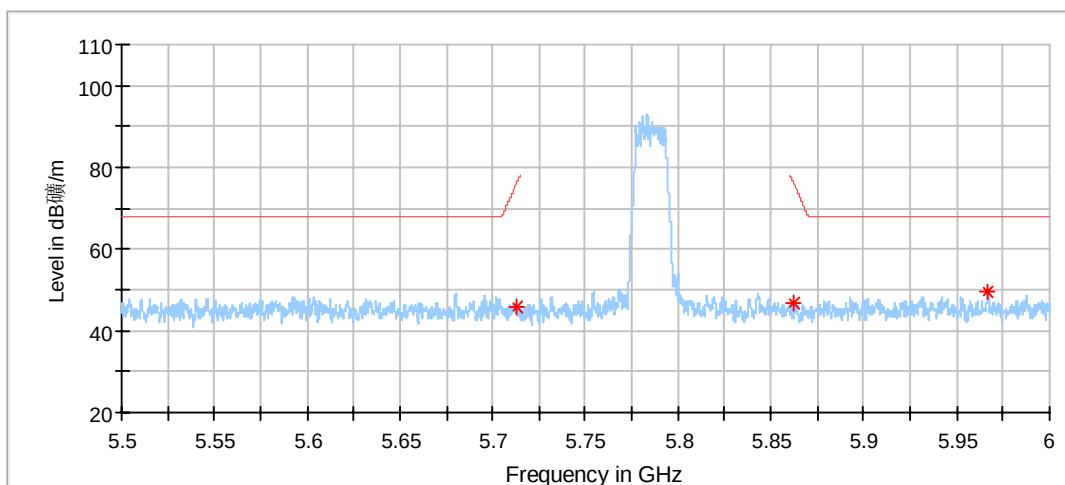
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5601.083333     | 49.42            | 68.20          | 18.78       | 150.0       | V   | 351.0         | 5.70         |
| 5648.166667     | 46.80            | 68.20          | 21.40       | 150.0       | V   | 222.0         | 5.27         |
| 5699.083333     | 44.75            | 68.20          | 23.45       | 150.0       | V   | 77.0          | 5.40         |

## 802.11A Modulation 5825MHz Test Result



## Critical Freqs

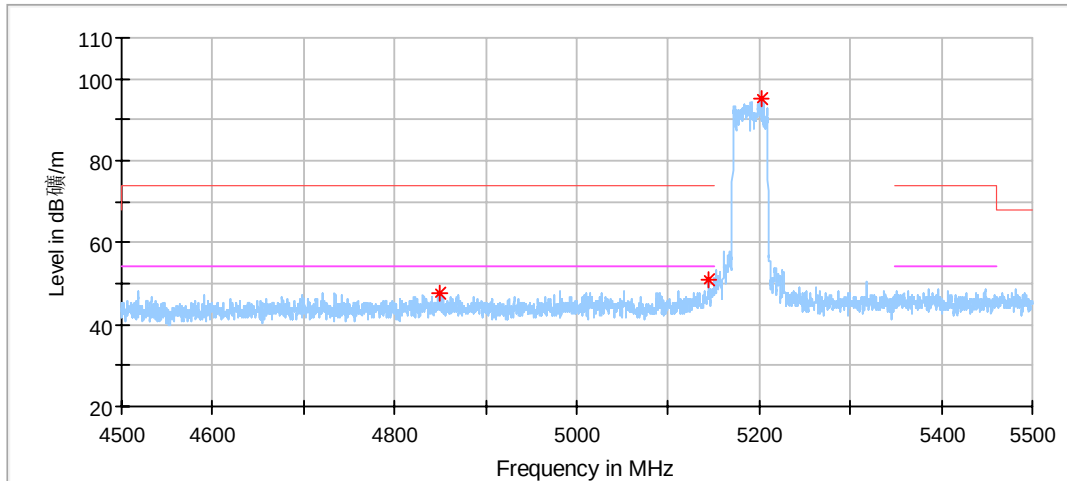
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5712.125000     | 46.55            | 75.33          | 28.77       | 150.0       | H   | 180.0         | 5.40         |
| 5865.458333     | 46.82            | 72.74          | 25.92       | 150.0       | H   | 136.0         | 5.78         |
| 5912.333333     | 49.26            | 68.20          | 18.94       | 150.0       | H   | 121.0         | 5.87         |



## Critical Freqs

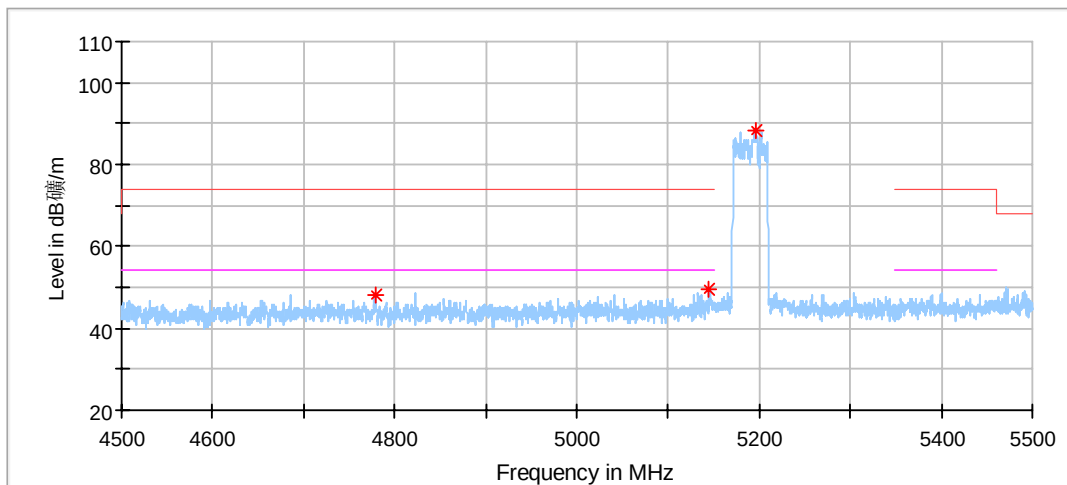
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5712.583333     | 45.80            | 75.78          | 29.98       | 150.0       | V   | 76.0          | 5.40         |
| 5862.333333     | 46.83            | 75.87          | 29.04       | 150.0       | V   | 0.0           | 5.76         |
| 5966.791667     | 49.59            | 68.20          | 18.61       | 150.0       | V   | 318.0         | 6.06         |

## 802.11AX Modulation 5190MHz Test Result



## Critical Freqs

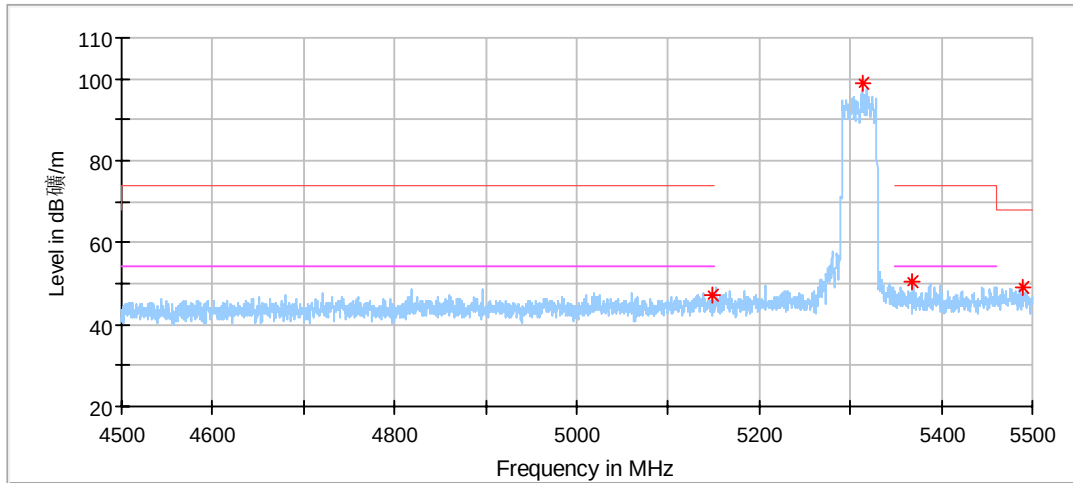
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4850.083333     | 47.56            | 74.00          | 26.44       | 150.0       | H   | 237.0         | 4.04         |
| 5145.333333     | 50.73            | 74.00          | 23.27       | 150.0       | H   | 245.0         | 5.34         |
| 5203.166667     | 95.30            | ---            | ---         | 150.0       | H   | 245.0         | 5.43         |



## Critical Freqs

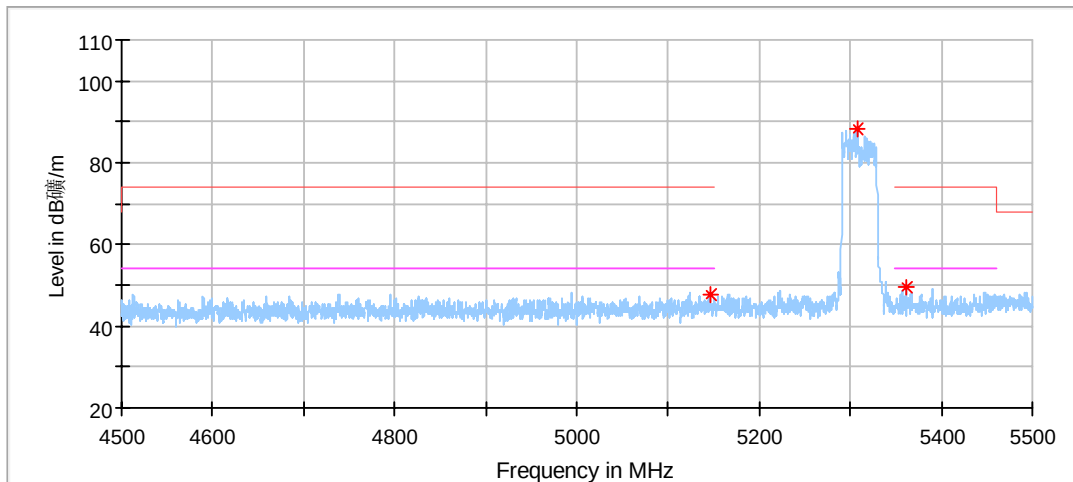
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4778.000000     | 48.06            | 74.00          | 25.94       | 150.0       | V   | 101.0         | 3.71         |
| 5145.416667     | 49.36            | 74.00          | 24.64       | 150.0       | V   | 79.0          | 5.34         |
| 5196.916667     | 88.47            | ---            | ---         | 150.0       | V   | 240.0         | 5.43         |

## 802.11AX Modulation 5310MHz Test Result



## Critical Freqs

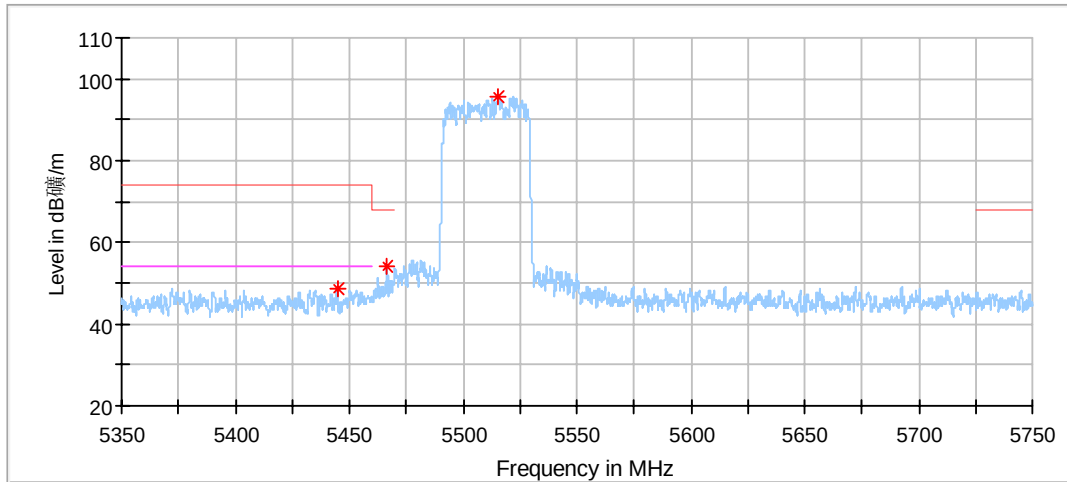
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5148.166667     | 47.23            | 74.00          | 26.77       | 150.0       | H   | 11.0          | 5.37         |
| 5313.416667     | 99.00            | ---            | ---         | 150.0       | H   | 240.0         | 5.54         |
| 5368.583333     | 50.42            | 74.00          | 23.58       | 150.0       | H   | 147.0         | 5.33         |
| 5489.166667     | 49.23            | 68.20          | 18.97       | 150.0       | H   | 89.0          | 6.00         |



## Critical Freqs

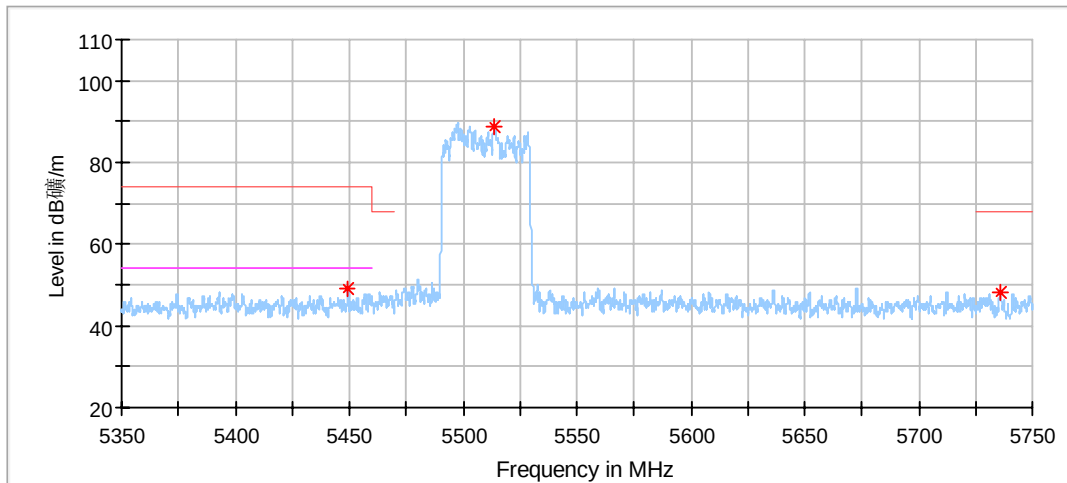
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5145.750000     | 47.79            | 74.00          | 26.21       | 150.0       | V   | 138.0         | 5.35         |
| 5307.833333     | 88.40            | ---            | ---         | 150.0       | V   | 240.0         | 5.51         |
| 5362.000000     | 49.43            | 74.00          | 24.57       | 150.0       | V   | 299.0         | 5.34         |

## 802.11AX Modulation 5510MHz Test Result



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5444.833333     | 48.63            | 74.00          | 25.37       | 150.0       | H   | 221.0         | 5.80         |
| 5466.666667     | 54.08            | 68.20          | 14.12       | 150.0       | H   | 253.0         | 5.95         |
| 5515.400000     | 95.57            | ---            | ---         | 150.0       | H   | 171.0         | 5.79         |

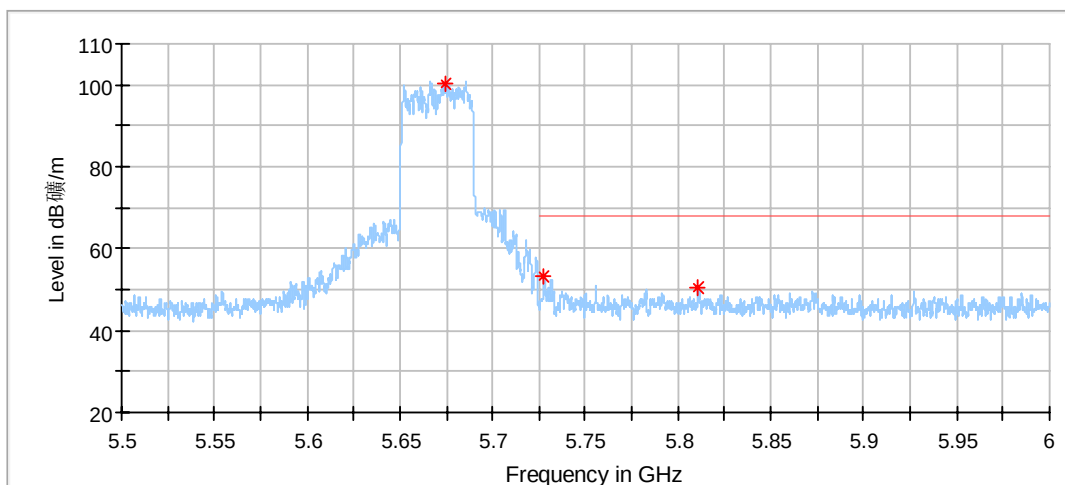


## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5449.266667     | 48.90            | 74.00          | 25.10       | 150.0       | V   | 261.0         | 5.84         |
| 5513.433333     | 88.59            | ---            | ---         | 150.0       | V   | 254.0         | 5.80         |
| 5736.033333     | 48.34            | 68.20          | 19.86       | 150.0       | V   | 202.0         | 5.39         |

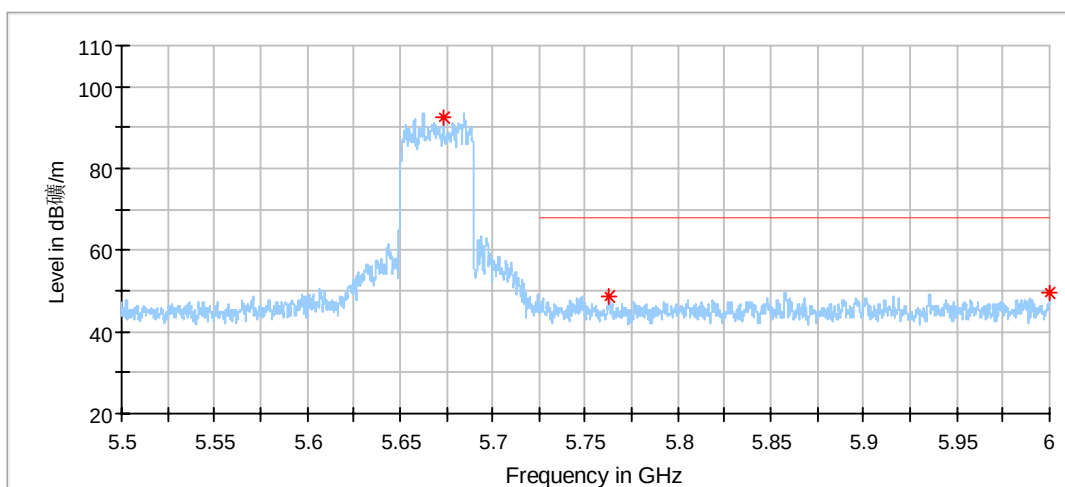


## 802.11AX Modulation 5670MHz Test Result



## Critical Freqs

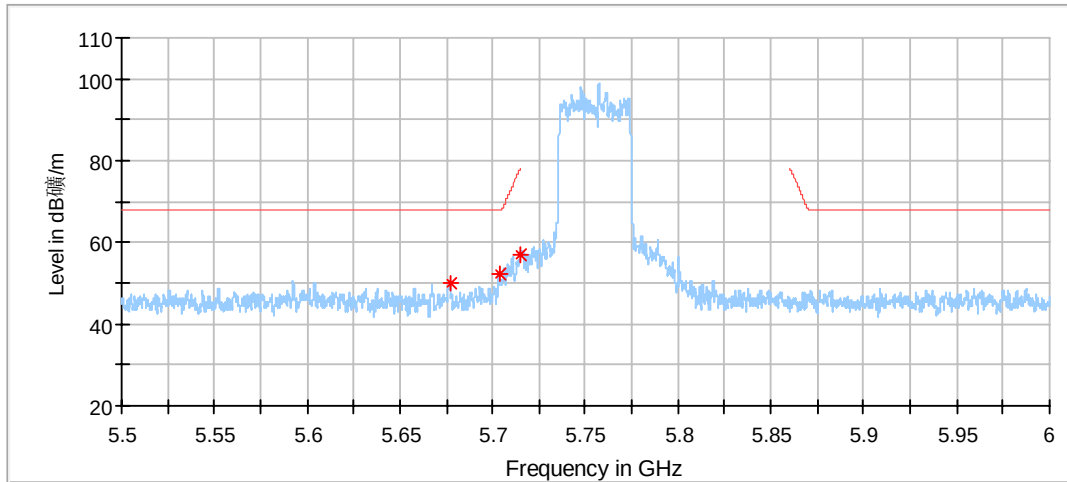
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5674.833333     | 100.14           | ---            | ---         | 150.0       | H   | 137.0         | 5.33         |
| 5727.625000     | 53.30            | 68.20          | 14.90       | 150.0       | H   | 152.0         | 5.39         |
| 5810.458333     | 50.24            | 68.20          | 17.96       | 150.0       | H   | 93.0          | 5.62         |



## Critical Freqs

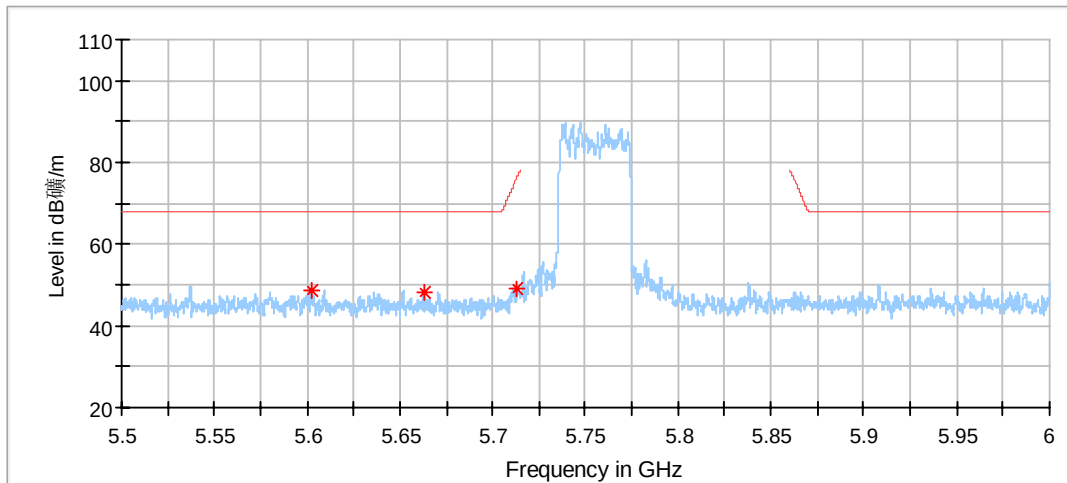
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5673.500000     | 92.24            | ---            | ---         | 150.0       | V   | 78.0          | 5.33         |
| 5763.000000     | 48.57            | 68.20          | 19.63       | 150.0       | V   | 180.0         | 5.46         |
| 6000.000000     | 49.54            | 68.20          | 18.66       | 150.0       | V   | 224.0         | 6.23         |

## 802.11AX Modulation 5755MHz Test Result



## Critical Freqs

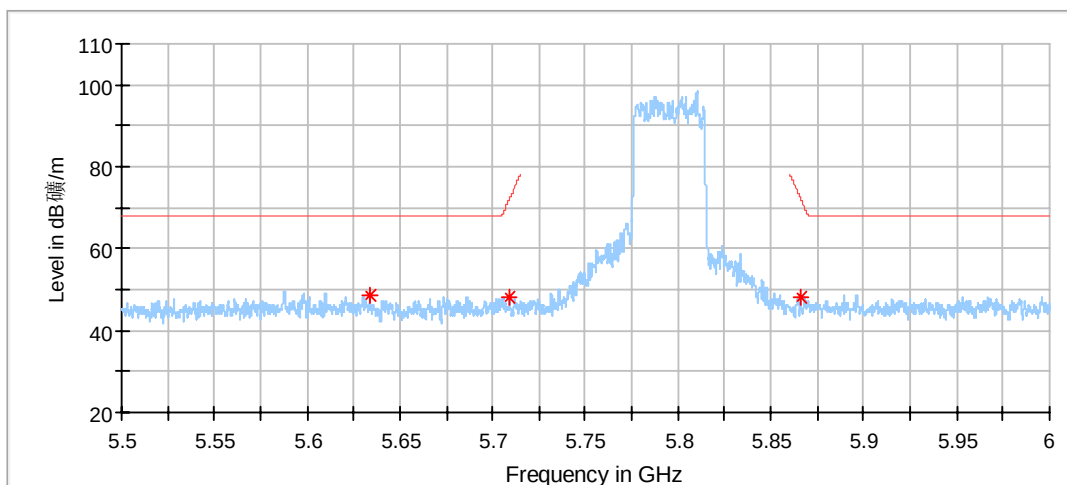
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5677.166667     | 49.93            | 68.20          | 18.27       | 150.0       | H   | 146.0         | 5.34         |
| 5703.458333     | 52.23            | 68.20          | 15.97       | 150.0       | H   | 212.0         | 5.40         |
| 5714.708333     | 56.80            | 77.91          | 21.11       | 150.0       | H   | 249.0         | 5.40         |



## Critical Freqs

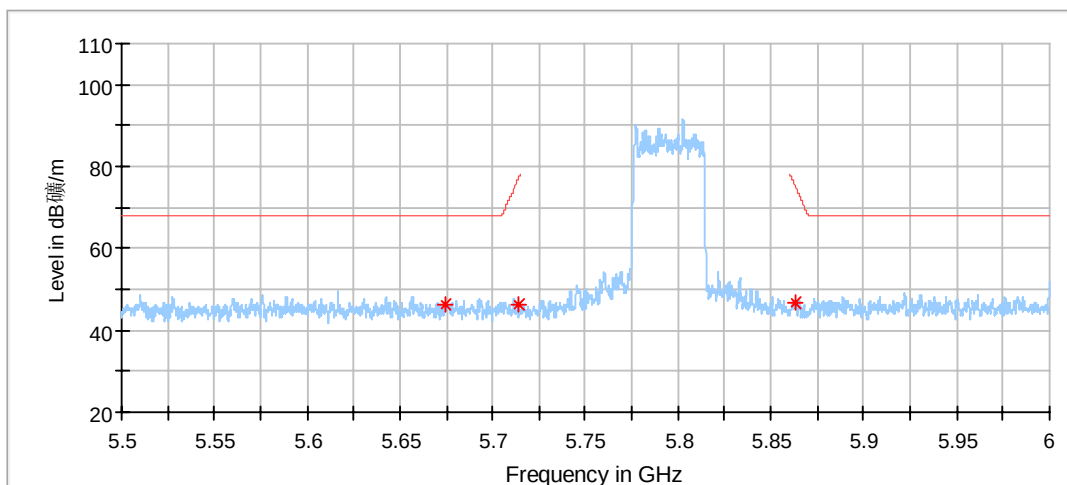
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5602.083333     | 48.61            | 68.20          | 19.59       | 150.0       | V   | 267.0         | 5.69         |
| 5662.958333     | 48.18            | 68.20          | 20.02       | 150.0       | V   | 78.0          | 5.30         |
| 5712.791667     | 49.18            | 75.99          | 26.81       | 150.0       | V   | 260.0         | 5.40         |

## 802.11AX Modulation 5795MHz Test Result



## Critical Freqs

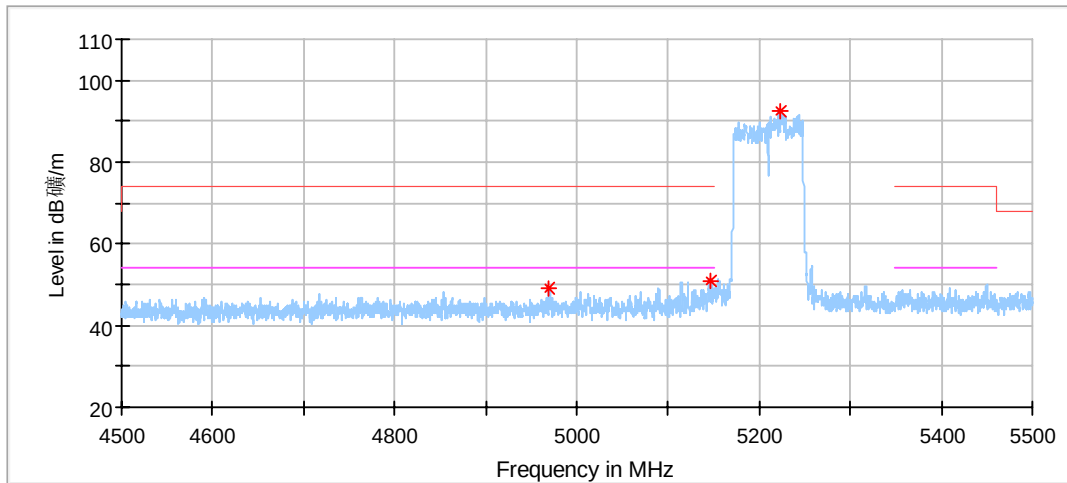
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5633.750000     | 48.40            | 68.20          | 19.80       | 150.0       | H   | 330.0         | 5.40         |
| 5709.000000     | 48.14            | 72.20          | 24.06       | 150.0       | H   | 349.0         | 5.40         |
| 5866.083333     | 47.97            | 72.12          | 24.15       | 150.0       | H   | 158.0         | 5.78         |



## Critical Freqs

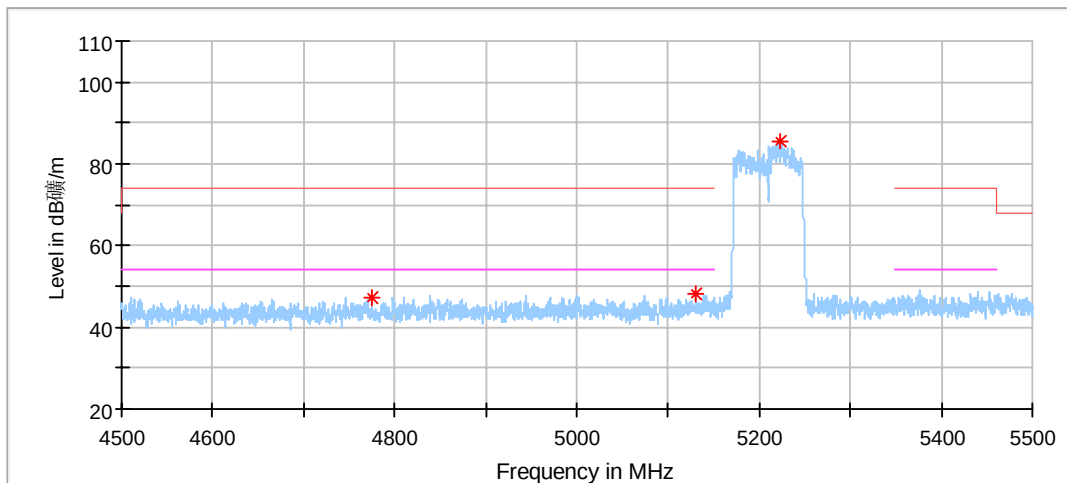
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5674.333333     | 46.12            | 68.20          | 22.08       | 150.0       | V   | 102.0         | 5.33         |
| 5713.708333     | 46.19            | 76.91          | 30.72       | 150.0       | V   | 190.0         | 5.40         |
| 5863.041667     | 46.64            | 75.16          | 28.52       | 150.0       | V   | 198.0         | 5.76         |

## 802.11AC Modulation 5210MHz Test Result



## Critical Freqs

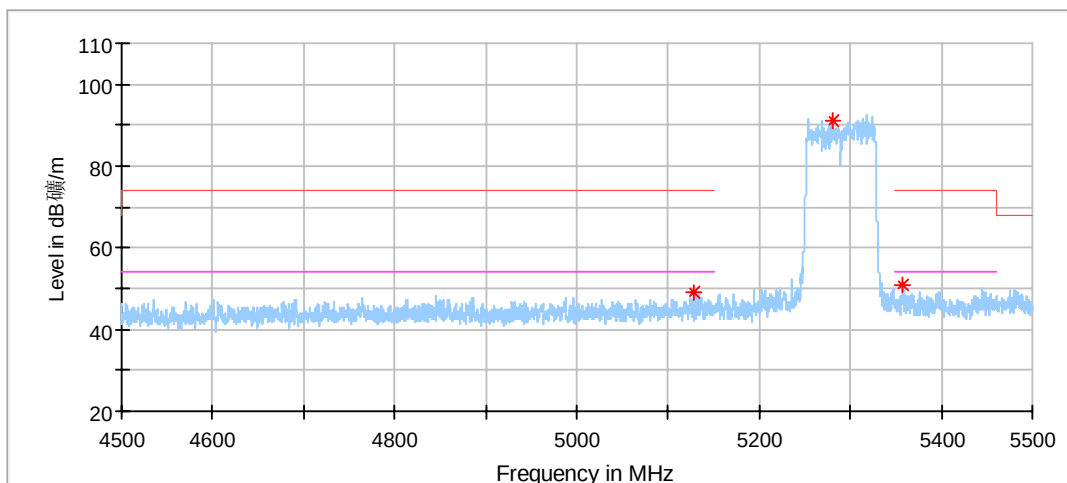
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4969.833333     | 48.90            | 74.00          | 25.10       | 150.0       | H   | 63.0          | 4.53         |
| 5145.833333     | 50.70            | 74.00          | 23.30       | 150.0       | H   | 114.0         | 5.35         |
| 5223.416667     | 92.56            | ---            | ---         | 150.0       | H   | 226.0         | 5.44         |



## Critical Freqs

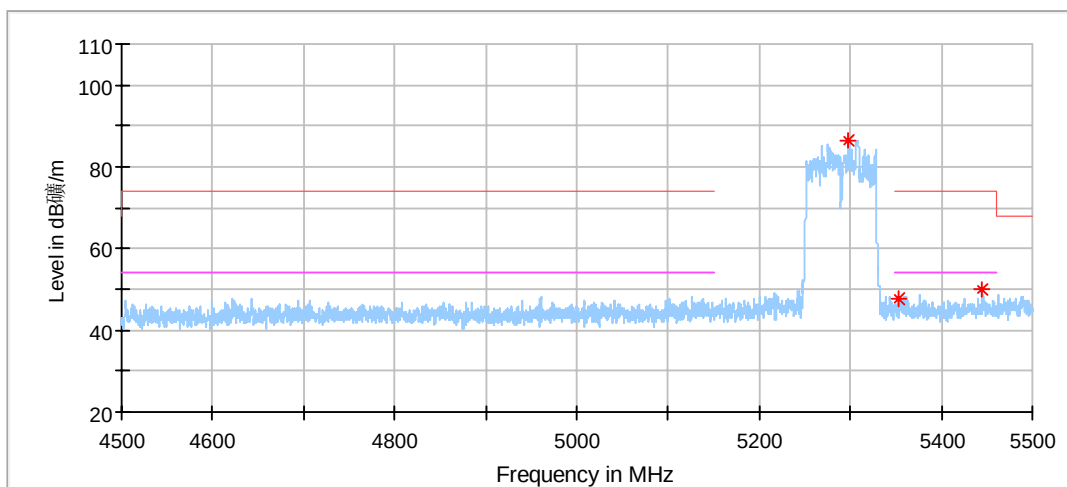
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 4775.166667     | 47.17            | 74.00          | 26.83       | 150.0       | V   | 195.0         | 3.70         |
| 5130.416667     | 48.09            | 74.00          | 25.91       | 150.0       | V   | 268.0         | 5.20         |
| 5224.083333     | 85.35            | ---            | ---         | 150.0       | V   | 253.0         | 5.44         |

## 802.11AC Modulation 5290MHz Test Result



## Critical Freqs

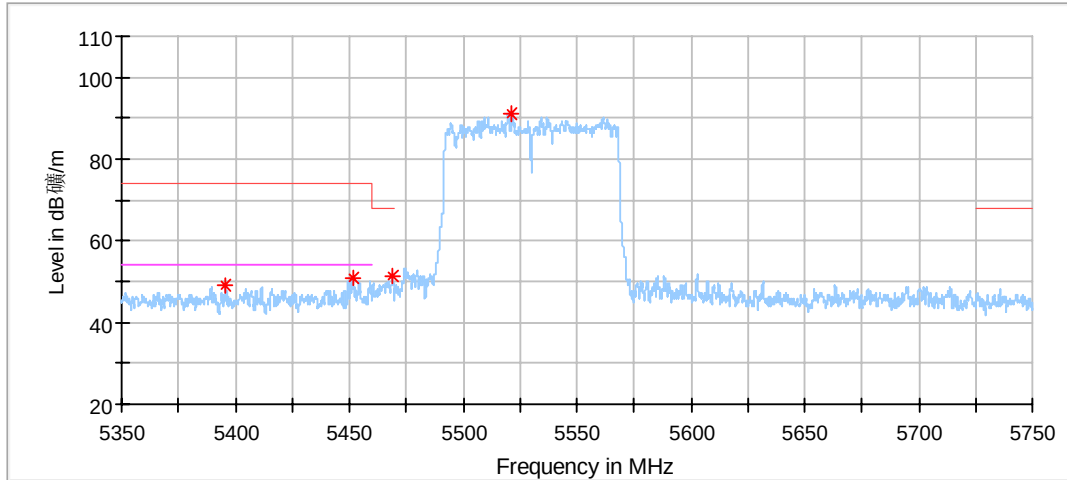
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5129.083333     | 49.08            | 74.00          | 24.92       | 150.0       | H   | 233.0         | 5.19         |
| 5280.833333     | 91.23            | ---            | ---         | 150.0       | H   | 233.0         | 5.33         |
| 5358.000000     | 50.96            | 74.00          | 23.04       | 150.0       | H   | 218.0         | 5.35         |



## Critical\_Freqs

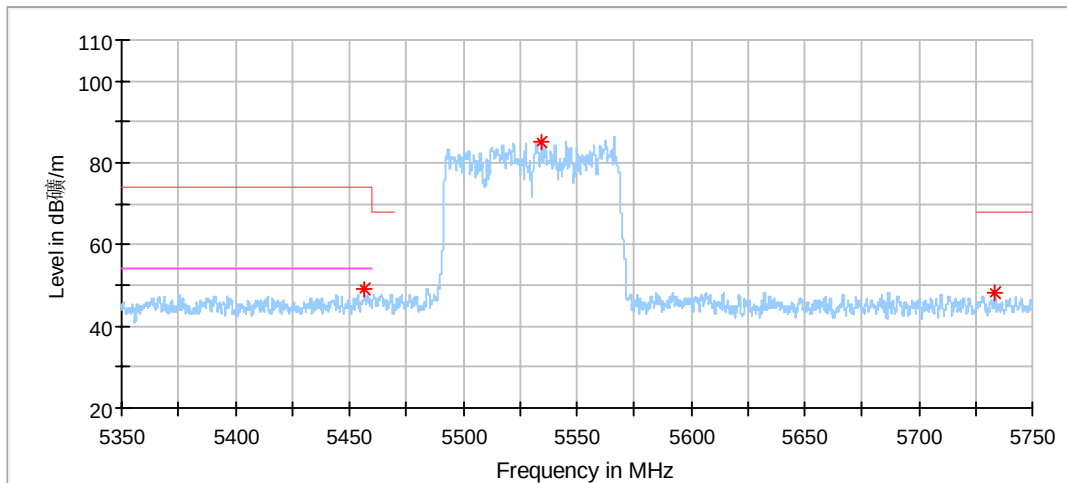
| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5298.333333     | 86.61            | ---            | ---         | 150.0       | V   | 252.0         | 5.47         |
| 5352.750000     | 47.87            | 74.00          | 26.13       | 150.0       | V   | 321.0         | 5.37         |
| 5444.833333     | 49.95            | 74.00          | 24.05       | 150.0       | V   | 31.0          | 5.80         |

## 802.11AC Modulation 5530MHz Test Result



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5395.400000     | 48.89            | 74.00          | 25.11       | 150.0       | H   | 6.0           | 5.43         |
| 5451.366667     | 50.92            | 74.00          | 23.08       | 150.0       | H   | 242.0         | 5.85         |
| 5469.033333     | 51.40            | 68.20          | 16.80       | 150.0       | H   | 235.0         | 5.97         |
| 5521.266667     | 90.97            | ---            | ---         | 150.0       | H   | 235.0         | 5.74         |



## Critical Freqs

| Frequency (MHz) | MaxPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 5456.666667     | 49.19            | 74.00          | 24.81       | 150.0       | V   | 40.0          | 5.89         |
| 5534.566667     | 85.12            | ---            | ---         | 150.0       | V   | 242.0         | 5.63         |
| 5733.766667     | 48.11            | 68.20          | 20.09       | 150.0       | V   | 269.0         | 5.39         |