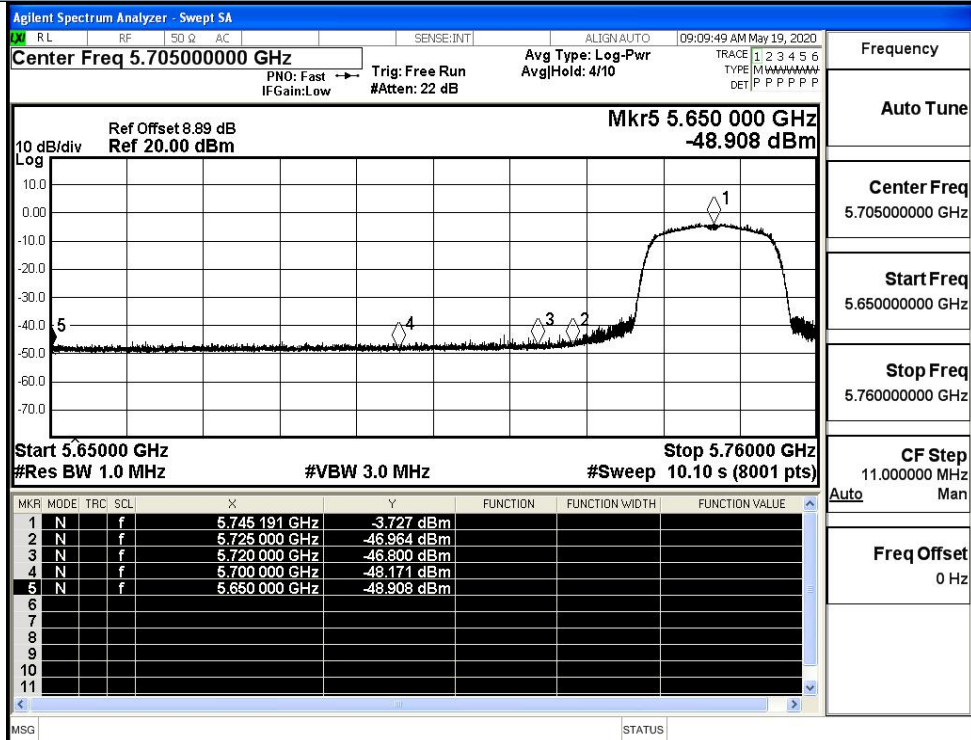


## E.5 Undesirable Emissions Measurement

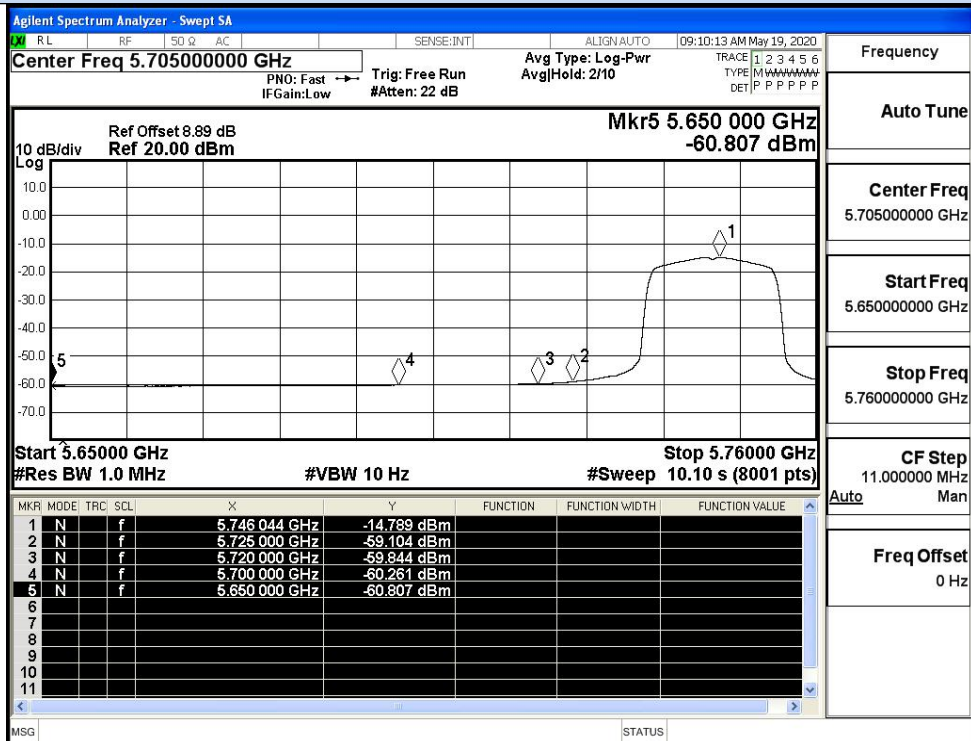
| Test Mode  | Channel | Frequency (MHz) | Conducted Power (dBm) | Antenna Gain (dBi) | EIRP (dBm/MHz) | Detector | Limit (dBm/MHz) | Verdict |
|------------|---------|-----------------|-----------------------|--------------------|----------------|----------|-----------------|---------|
| 11A        | 149     | 5650.0          | -48.91                | 2.00               | -46.91         | Peak     | -27.0           | Pass    |
|            |         | 5650.0          | -60.81                | 2.00               | -58.81         | Average  | -27.0           | Pass    |
|            |         | 5700.0          | -48.17                | 2.00               | -46.17         | Peak     | 10              | Pass    |
|            |         | 5700.0          | -60.26                | 2.00               | -58.26         | Average  | 10              | Pass    |
|            |         | 5720.0          | -46.80                | 2.00               | -44.80         | Peak     | 15.6            | Pass    |
|            |         | 5720.0          | -59.84                | 2.00               | -57.84         | Average  | 15.6            | Pass    |
|            |         | 5725.0          | -46.96                | 2.00               | -44.96         | Peak     | 27.0            | Pass    |
|            |         | 5725.0          | -59.10                | 2.00               | -57.10         | Average  | 27.0            | Pass    |
|            | 165     | 5850.0          | -47.50                | 2.00               | -45.50         | Peak     | 27.0            | Pass    |
|            |         | 5850.0          | -59.66                | 2.00               | -57.66         | Average  | 27.0            | Pass    |
|            |         | 5855.0          | -47.75                | 2.00               | -45.75         | Peak     | 15.6            | Pass    |
|            |         | 5855.0          | -59.81                | 2.00               | -57.81         | Average  | 15.6            | Pass    |
|            |         | 5875.0          | -47.90                | 2.00               | -45.90         | Peak     | 10              | Pass    |
|            |         | 5875.0          | -60.04                | 2.00               | -58.04         | Average  | 10              | Pass    |
|            |         | 5925.0          | -47.86                | 2.00               | -45.86         | Peak     | -27.0           | Pass    |
|            |         | 5925.0          | -60.43                | 2.00               | -58.43         | Average  | -27.0           | Pass    |
| 11N20 SISO | 149     | 5650.0          | -48.37                | 2.00               | -46.37         | Peak     | -27.0           | Pass    |
|            |         | 5650.0          | -60.82                | 2.00               | -58.82         | Average  | -27.0           | Pass    |
|            |         | 5700.0          | -48.76                | 2.00               | -46.76         | Peak     | 10              | Pass    |
|            |         | 5700.0          | -60.14                | 2.00               | -58.14         | Average  | 10              | Pass    |
|            |         | 5720.0          | -48.85                | 2.00               | -46.85         | Peak     | 15.6            | Pass    |
|            |         | 5720.0          | -60.42                | 2.00               | -58.42         | Average  | 15.6            | Pass    |
|            |         | 5725.0          | -47.38                | 2.00               | -45.38         | Peak     | 27.0            | Pass    |
|            |         | 5725.0          | -59.43                | 2.00               | -57.43         | Average  | 27.0            | Pass    |
|            | 165     | 5850.0          | -46.07                | 2.00               | -44.07         | Peak     | 27.0            | Pass    |
|            |         | 5850.0          | -59.62                | 2.00               | -57.62         | Average  | 27.0            | Pass    |
|            |         | 5855.0          | -47.80                | 2.00               | -45.80         | Peak     | 15.6            | Pass    |
|            |         | 5855.0          | -59.72                | 2.00               | -57.72         | Average  | 15.6            | Pass    |
|            |         | 5875.0          | -48.80                | 2.00               | -46.80         | Peak     | 10              | Pass    |
|            |         | 5875.0          | -60.06                | 2.00               | -58.06         | Average  | 10              | Pass    |
|            |         | 5925.0          | -48.50                | 2.00               | -46.50         | Peak     | -27.0           | Pass    |
|            |         | 5925.0          | -60.46                | 2.00               | -58.46         | Average  | -27.0           | Pass    |

| Test Mode    | Channel | Frequency (MHz) | Conducted Power (dBm) | Antenna Gain (dBi) | EIRP (dBm/MHz) | Detector | Limit (dBm/MHz) | Verdict |
|--------------|---------|-----------------|-----------------------|--------------------|----------------|----------|-----------------|---------|
| 11N40 SISO   | 151     | 5650.0          | -48.54                | 2.00               | -46.54         | Peak     | -27.0           | Pass    |
|              |         | 5650.0          | -60.56                | 2.00               | -58.56         | Average  | -27.0           | Pass    |
|              |         | 5700.0          | -48.82                | 2.00               | -46.82         | Peak     | 10              | Pass    |
|              |         | 5700.0          | -60.21                | 2.00               | -58.21         | Average  | 10              | Pass    |
|              |         | 5720.0          | -46.98                | 2.00               | -44.98         | Peak     | 15.6            | Pass    |
|              |         | 5720.0          | -58.77                | 2.00               | -56.77         | Average  | 15.6            | Pass    |
|              |         | 5725.0          | -46.32                | 2.00               | -44.32         | Peak     | 27.0            | Pass    |
|              |         | 5725.0          | -57.76                | 2.00               | -55.76         | Average  | 27.0            | Pass    |
|              | 159     | 5850.0          | -47.76                | 2.00               | -45.76         | Peak     | 27.0            | Pass    |
|              |         | 5850.0          | -59.52                | 2.00               | -57.52         | Average  | 27.0            | Pass    |
|              |         | 5855.0          | -48.56                | 2.00               | -46.56         | Peak     | 15.6            | Pass    |
|              |         | 5855.0          | -59.62                | 2.00               | -57.62         | Average  | 15.6            | Pass    |
|              |         | 5875.0          | -46.93                | 2.00               | -44.93         | Peak     | 10              | Pass    |
|              |         | 5875.0          | -59.81                | 2.00               | -57.81         | Average  | 10              | Pass    |
|              |         | 5925.0          | -49.30                | 2.00               | -47.30         | Peak     | -27.0           | Pass    |
| 11AC2 0 SISO | 149     | 5650.0          | -49.09                | 2.00               | -47.09         | Peak     | -27.0           | Pass    |
|              |         | 5650.0          | -60.77                | 2.00               | -58.77         | Average  | -27.0           | Pass    |
|              |         | 5700.0          | -47.82                | 2.00               | -45.82         | Peak     | 10              | Pass    |
|              |         | 5700.0          | -59.86                | 2.00               | -57.86         | Average  | 10              | Pass    |
|              |         | 5720.0          | -47.81                | 2.00               | -45.81         | Peak     | 15.6            | Pass    |
|              |         | 5720.0          | -60.32                | 2.00               | -58.32         | Average  | 15.6            | Pass    |
|              |         | 5725.0          | -46.07                | 2.00               | -44.07         | Peak     | 27.0            | Pass    |
|              |         | 5725.0          | -59.04                | 2.00               | -57.04         | Average  | 27.0            | Pass    |
|              | 165     | 5850.0          | -47.68                | 2.00               | -45.68         | Peak     | 27.0            | Pass    |
|              |         | 5850.0          | -59.46                | 2.00               | -57.46         | Average  | 27.0            | Pass    |
|              |         | 5855.0          | -48.38                | 2.00               | -46.38         | Peak     | 15.6            | Pass    |
|              |         | 5855.0          | -59.60                | 2.00               | -57.60         | Average  | 15.6            | Pass    |
|              |         | 5875.0          | -46.35                | 2.00               | -44.35         | Peak     | 10              | Pass    |
|              |         | 5875.0          | -59.91                | 2.00               | -57.91         | Average  | 10              | Pass    |
|              |         | 5925.0          | -48.21                | 2.00               | -46.21         | Peak     | -27.0           | Pass    |
| 11AC4 0 SISO | 151     | 5650.0          | -48.66                | 2.00               | -46.66         | Peak     | -27.0           | Pass    |
|              |         | 5650.0          | -60.70                | 2.00               | -58.70         | Average  | -27.0           | Pass    |
|              |         | 5700.0          | -49.36                | 2.00               | -47.36         | Peak     | 10              | Pass    |
|              |         | 5700.0          | -60.26                | 2.00               | -58.26         | Average  | 10              | Pass    |
|              |         | 5720.0          | -47.69                | 2.00               | -45.69         | Peak     | 15.6            | Pass    |
|              |         | 5720.0          | -58.94                | 2.00               | -56.94         | Average  | 15.6            | Pass    |
|              |         | 5725.0          | -46.40                | 2.00               | -44.40         | Peak     | 27.0            | Pass    |
|              |         | 5725.0          | -57.97                | 2.00               | -55.97         | Average  | 27.0            | Pass    |
|              | 159     | 5850.0          | -47.91                | 2.00               | -45.91         | Peak     | 27.0            | Pass    |
|              |         | 5850.0          | -59.52                | 2.00               | -57.52         | Average  | 27.0            | Pass    |
|              |         | 5855.0          | -48.25                | 2.00               | -46.25         | Peak     | 15.6            | Pass    |
|              |         | 5855.0          | -59.59                | 2.00               | -57.59         | Average  | 15.6            | Pass    |
|              |         | 5875.0          | -48.11                | 2.00               | -46.11         | Peak     | 10              | Pass    |
|              |         | 5875.0          | -59.81                | 2.00               | -57.81         | Average  | 10              | Pass    |
|              |         | 5925.0          | -48.09                | 2.00               | -46.09         | Peak     | -27.0           | Pass    |
|              |         | 5925.0          | -60.17                | 2.00               | -58.17         | Average  | -27.0           | Pass    |

## Undesirable Emissions Measurement

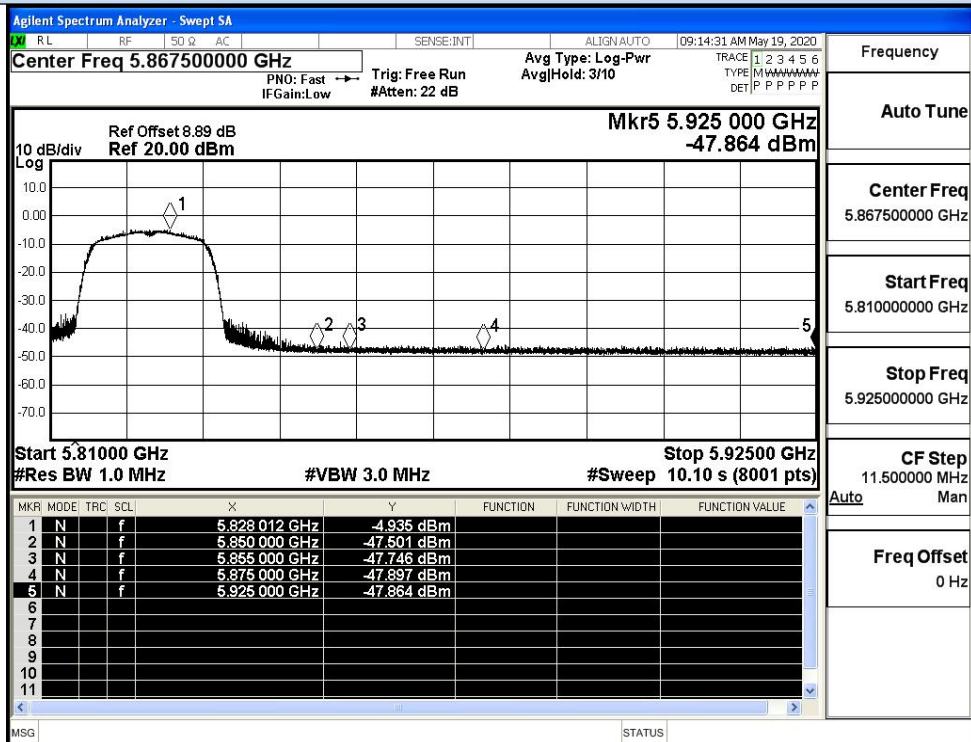


## IEEE 802.11a / Channel 149 / 5745MHz / Peak

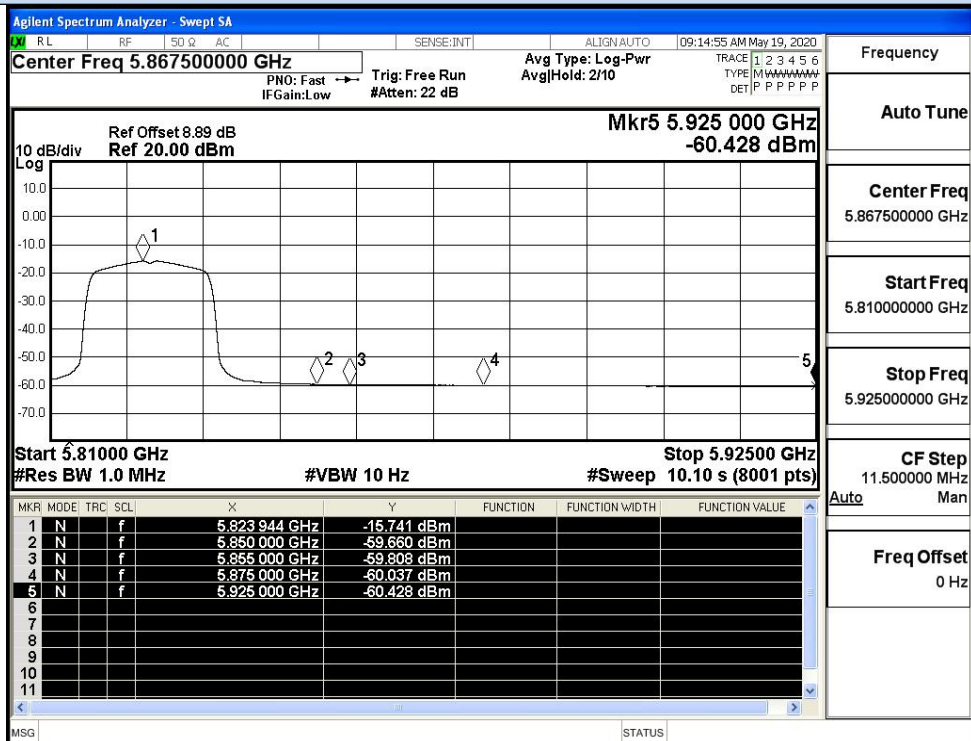


## IEEE 802.11a / Channel 148 / 5745MHz / Average

## Undesirable Emissions Measurement

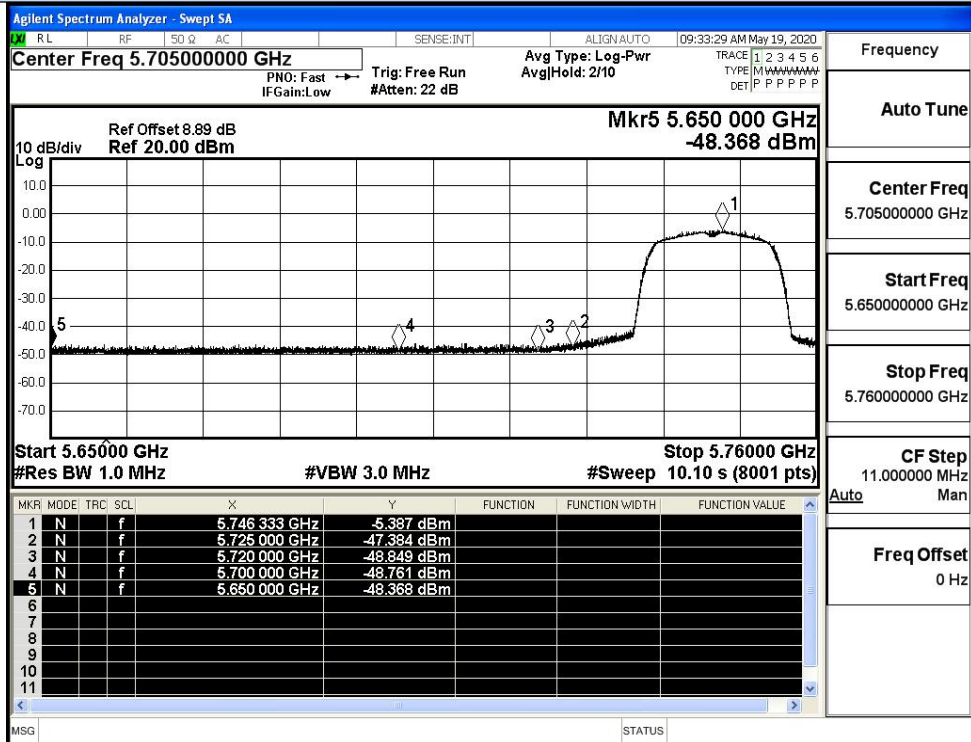


## IEEE 802.11a / Channel 165 / 5825MHz / Peak

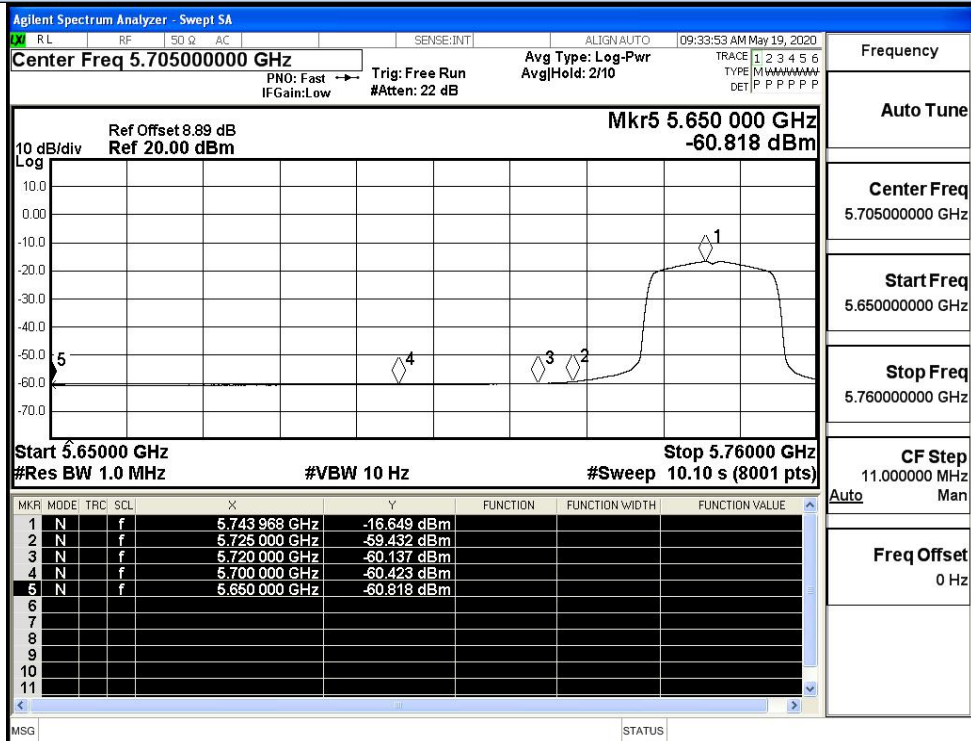


## IEEE 802.11a / Channel 165 / 5825MHz / Average

## Undesirable Emissions Measurement

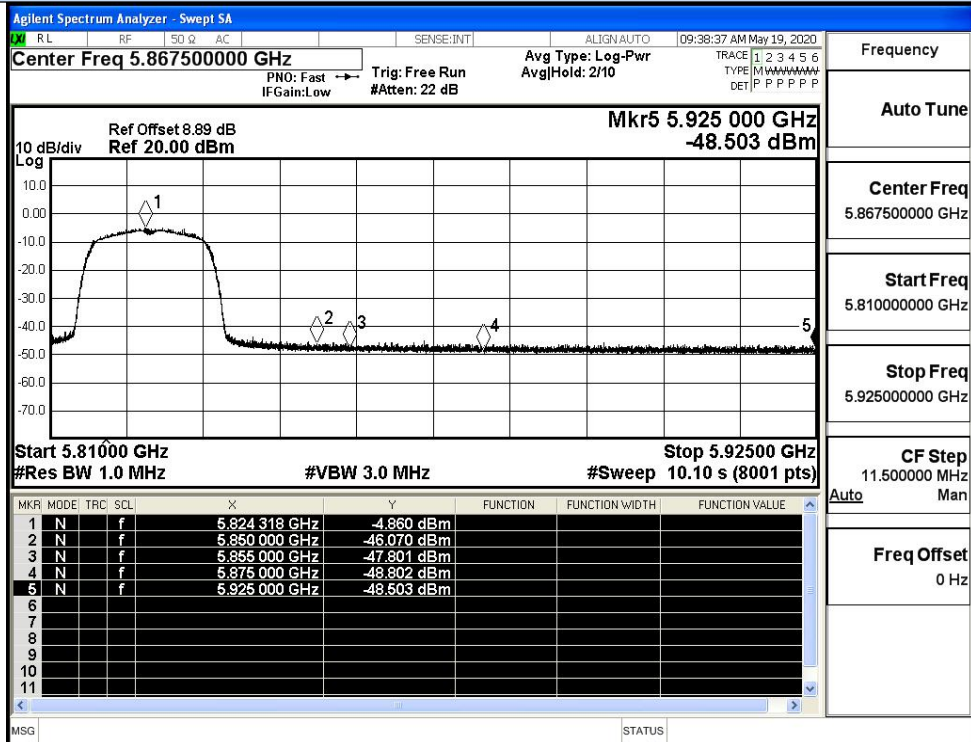


## IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

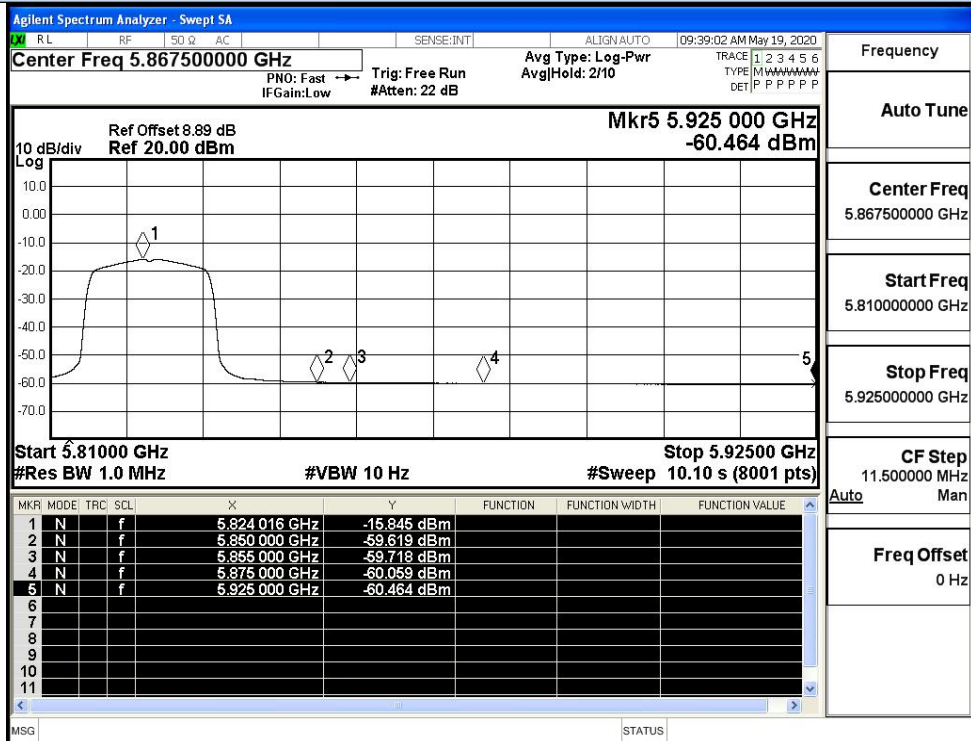


## IEEE 802.11n20 / Channel 149 / 5745MHz / Average

## Undesirable Emissions Measurement



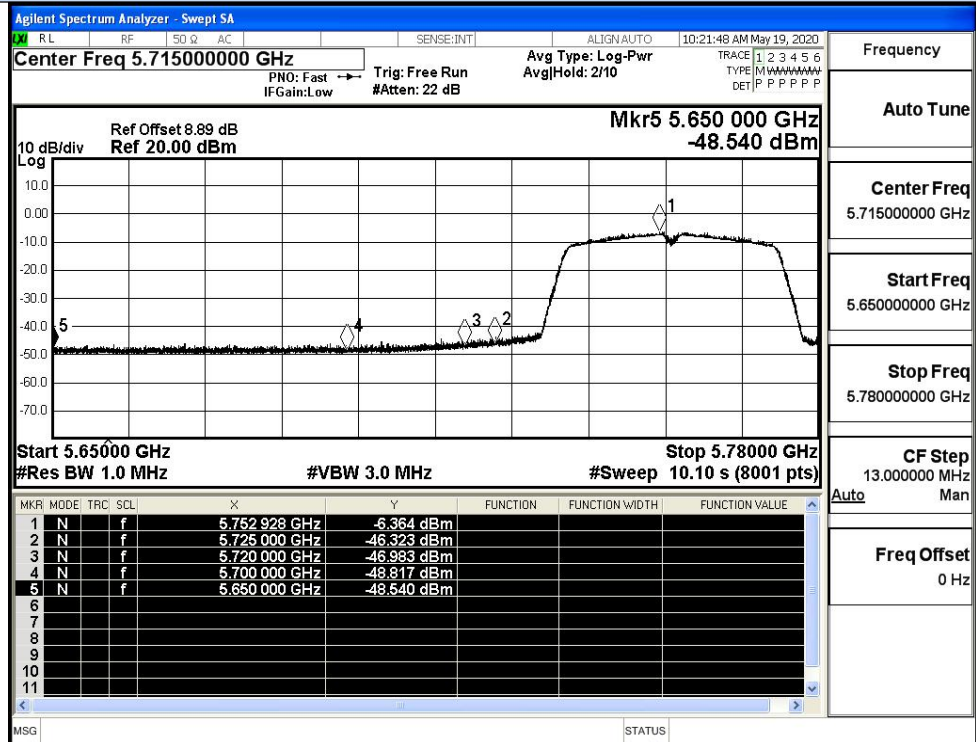
## IEEE 802.11n20 / Channel 165 / 5825MHz / Peak



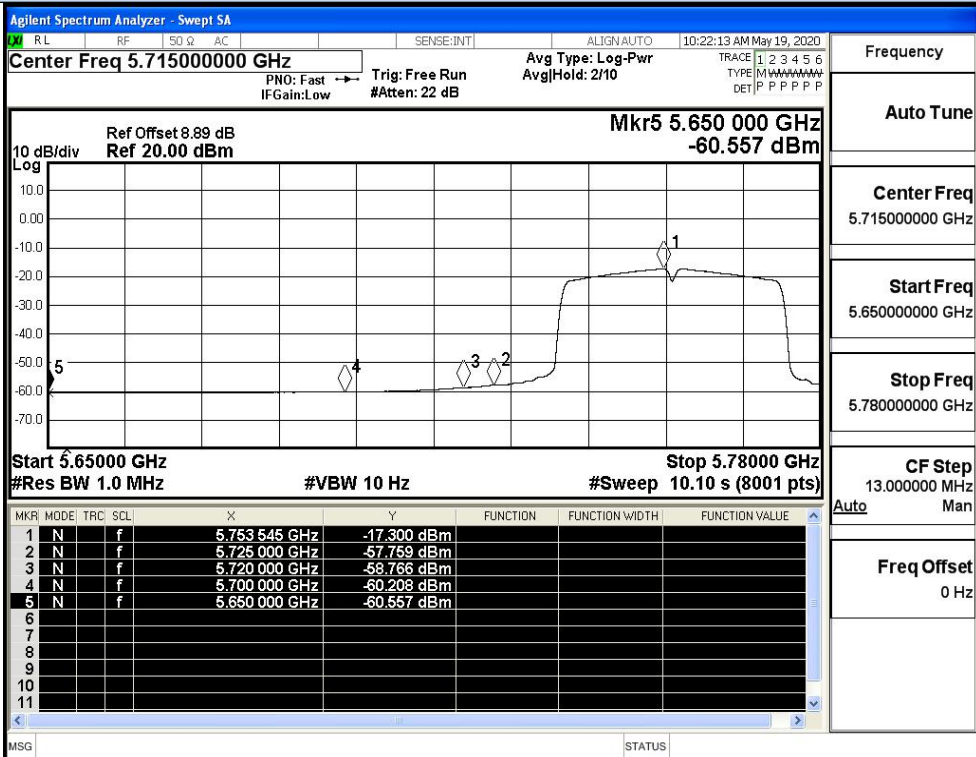
## IEEE 802.11n20 / Channel 165 / 5825MHz / Average



## Undesirable Emissions Measurement

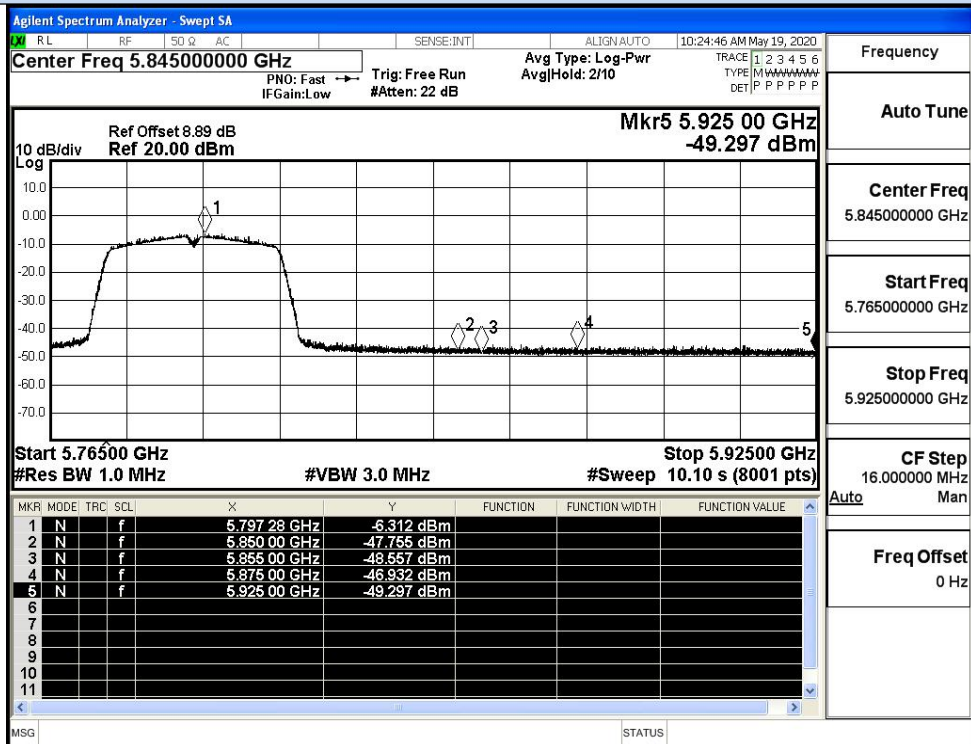


## IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

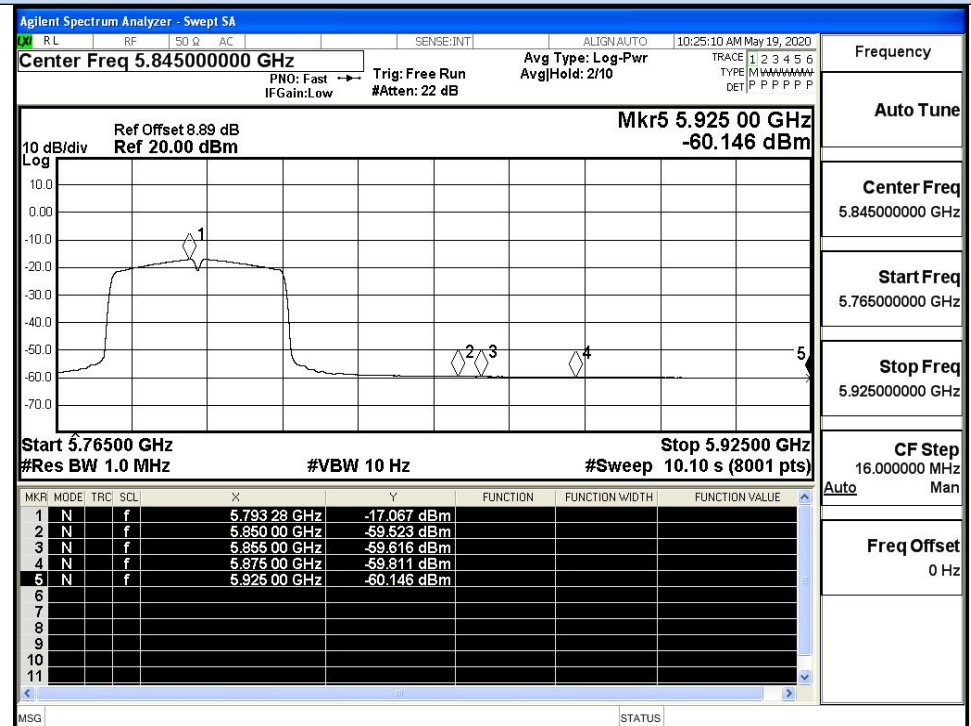


## IEEE 802.11n40 / Channel 151 / 5755MHz / Average

## Undesirable Emissions Measurement

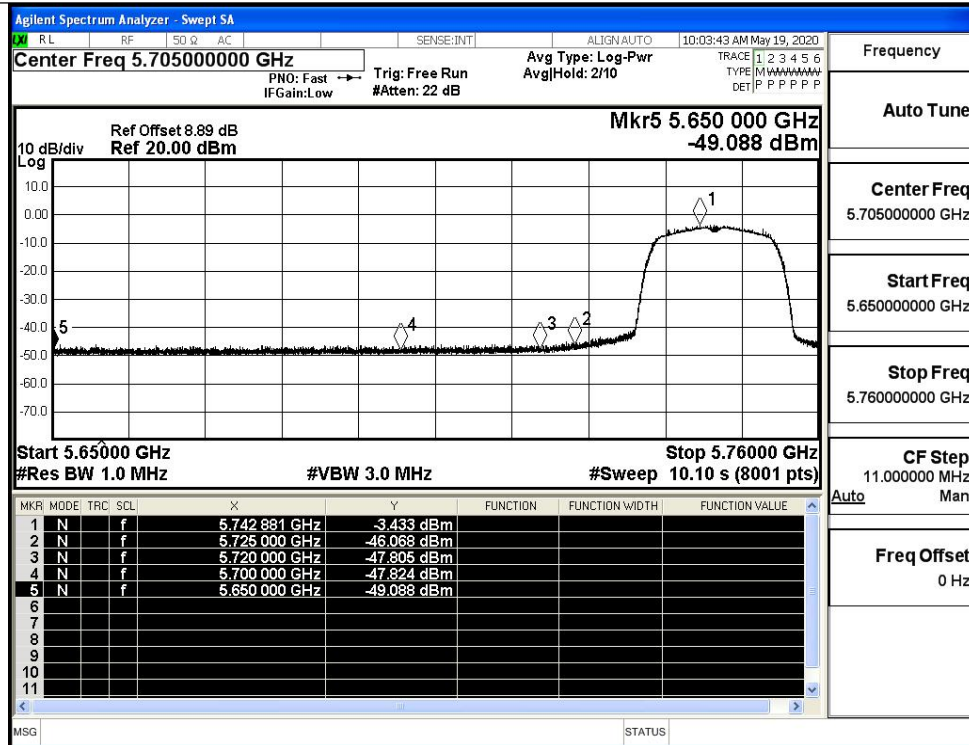


## IEEE 802.11n40 / Channel 159 / 5795MHz / Peak

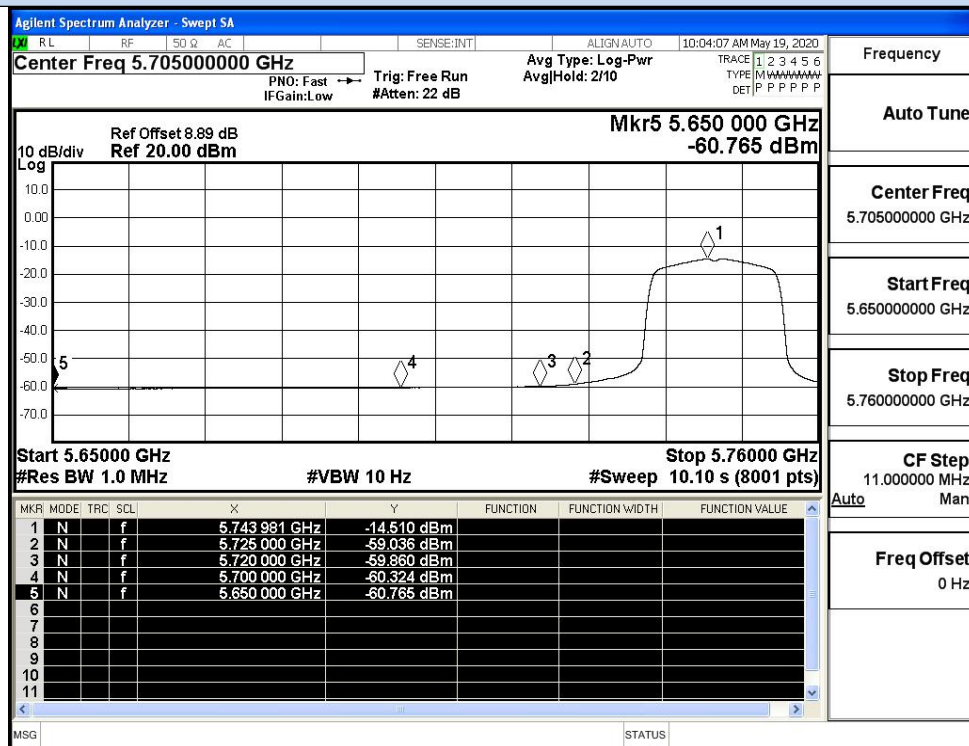


## IEEE 802.11n40 / Channel 159 / 5795MHz / Average

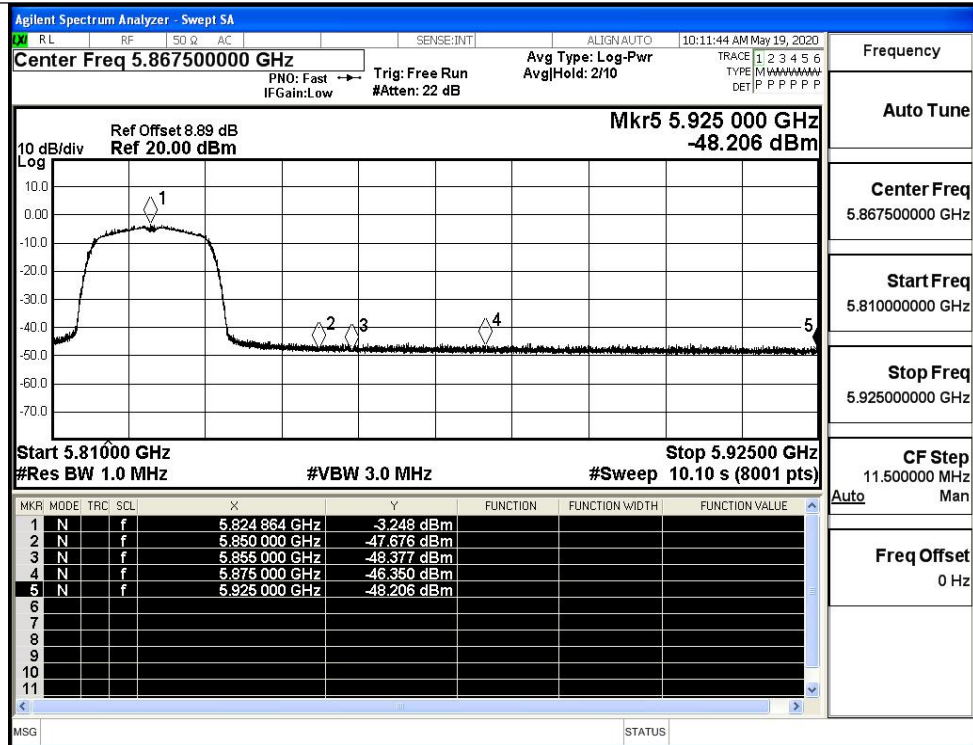




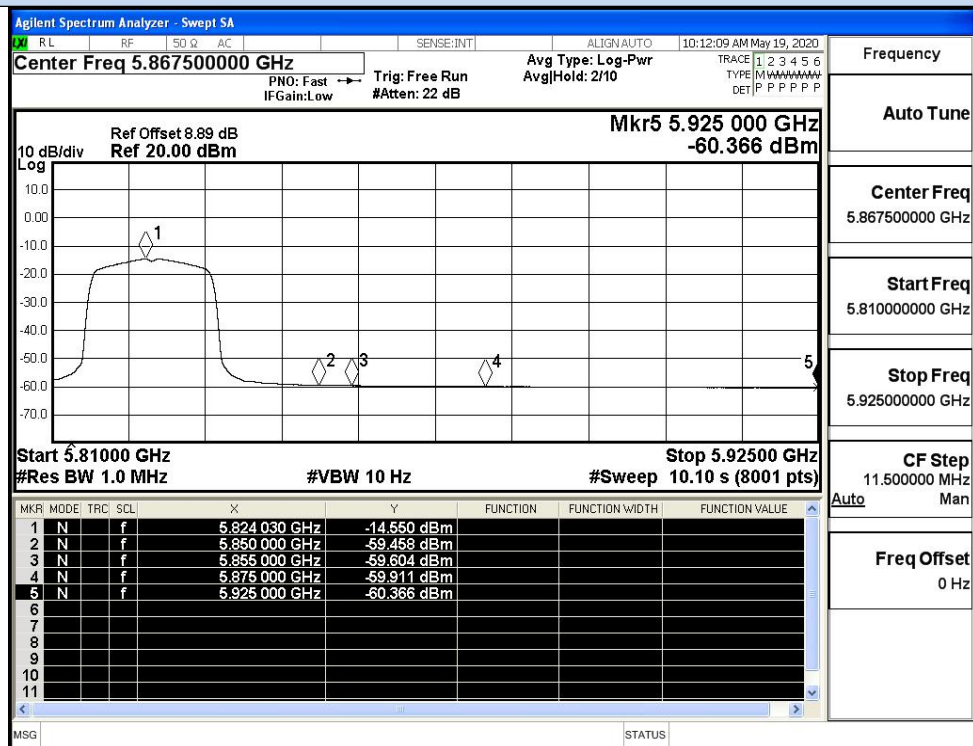
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



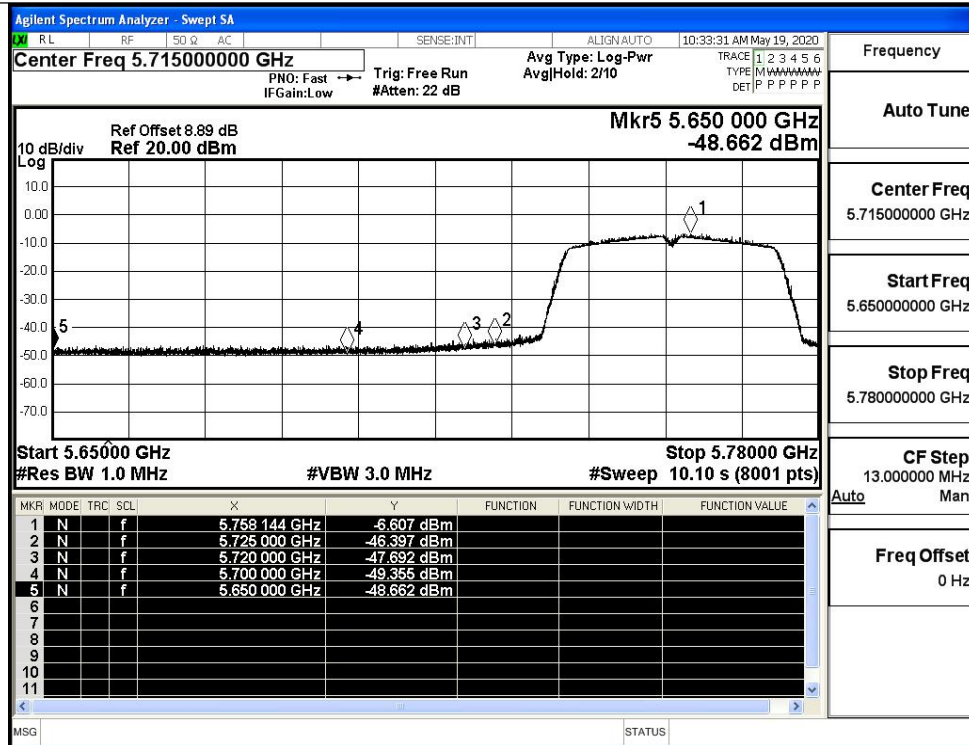
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



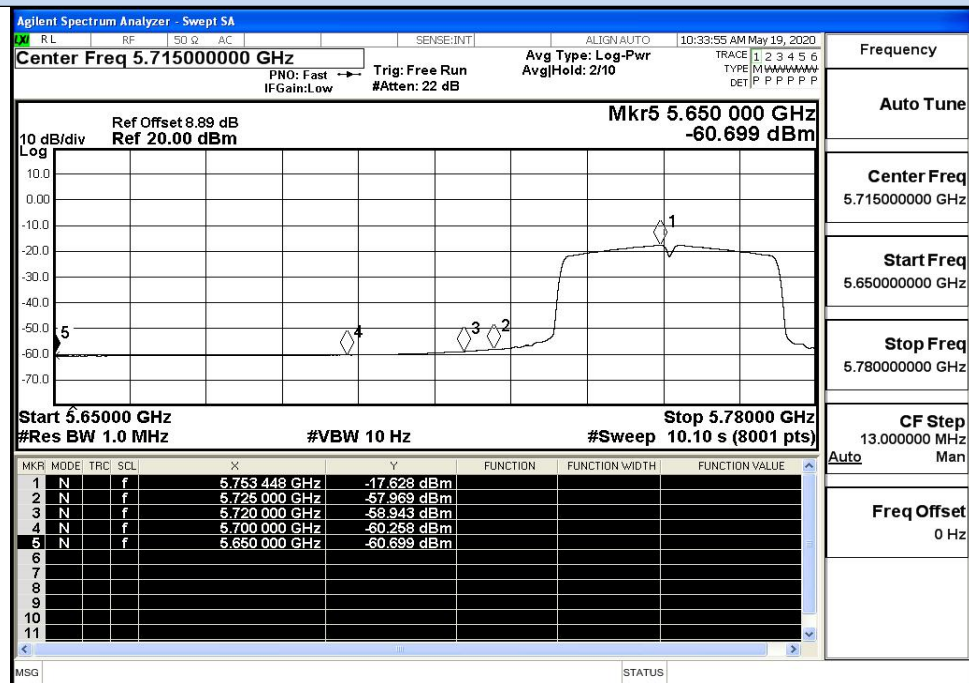
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



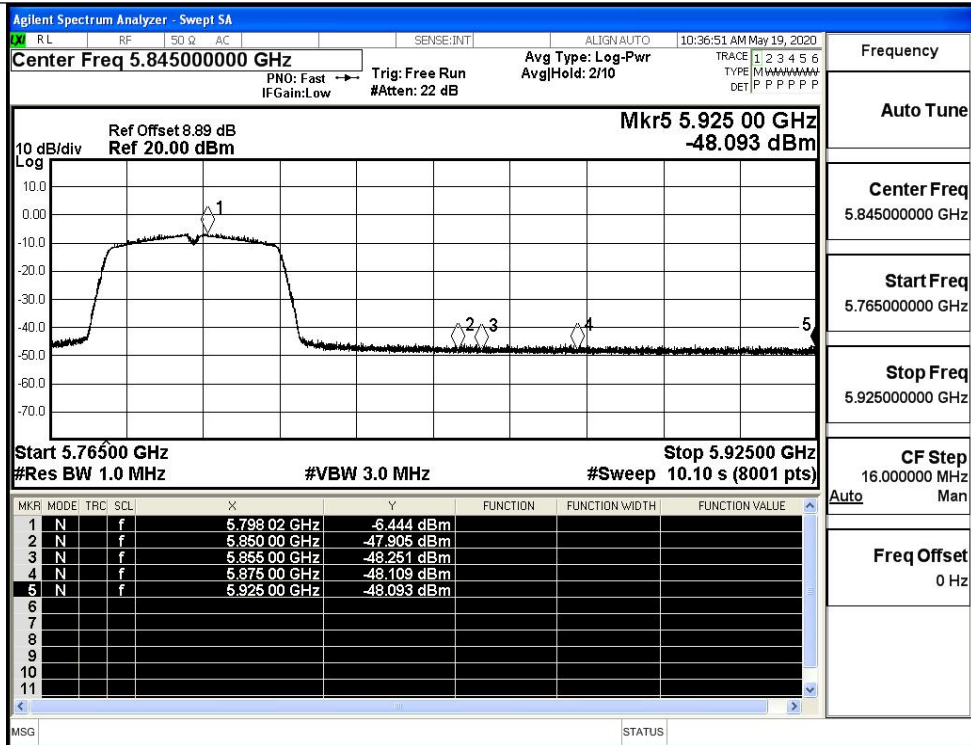
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



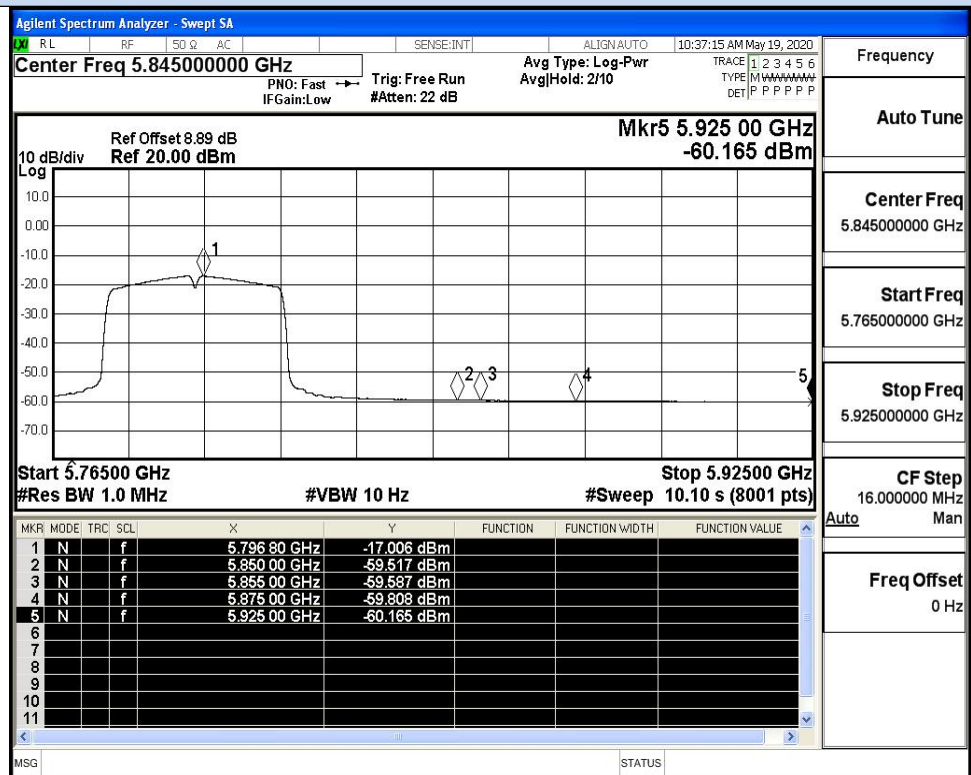
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak



IEEE 802.11ac40 / Channel 159 / 5795MHz / Average