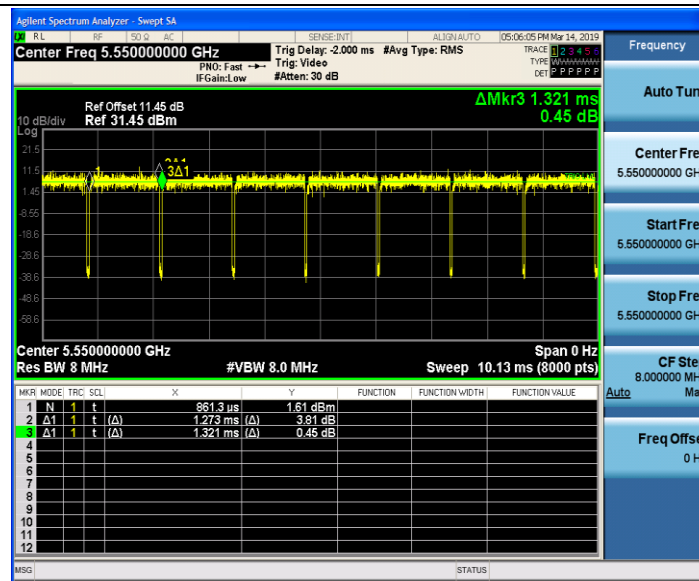
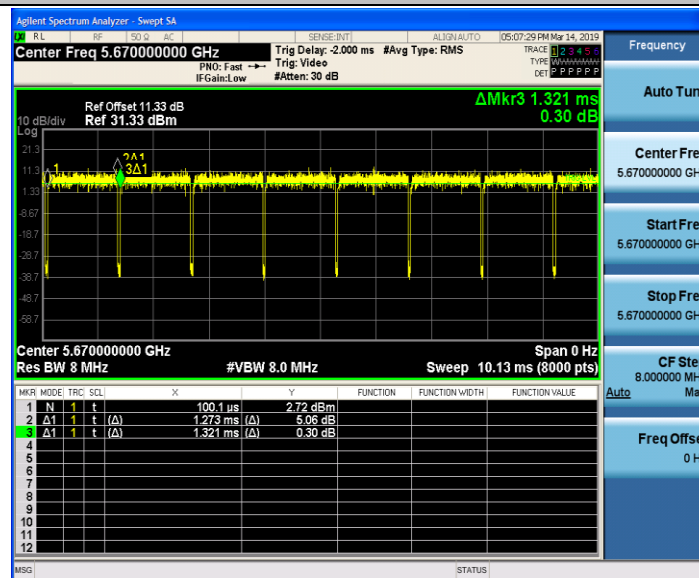
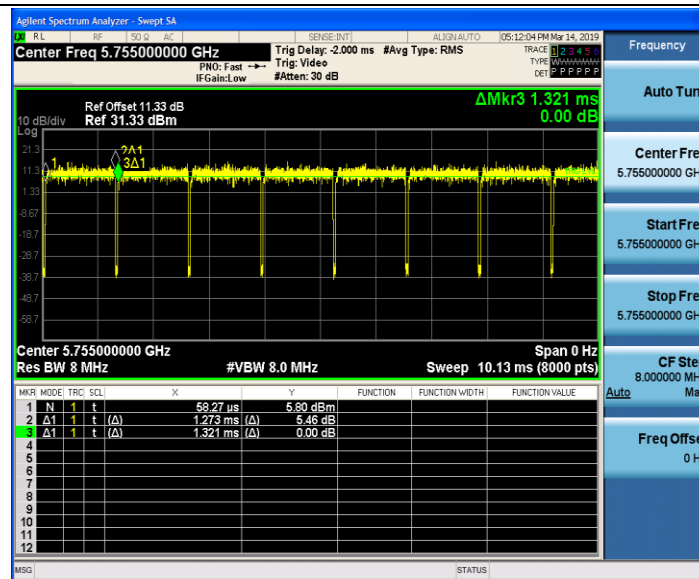




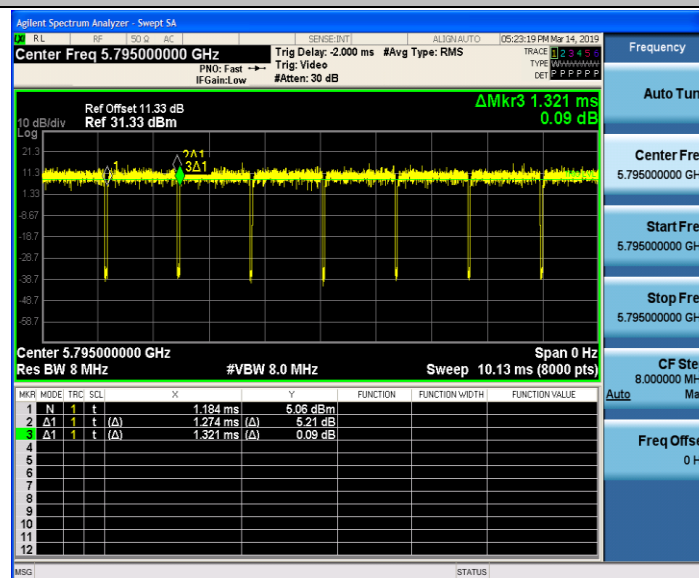
11AC40SISO\_Ant1\_5670



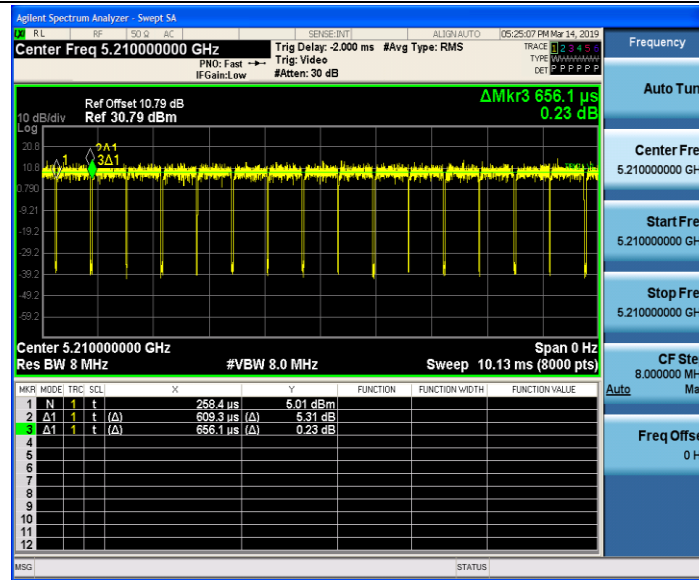
11AC40SISO\_Ant1\_5755



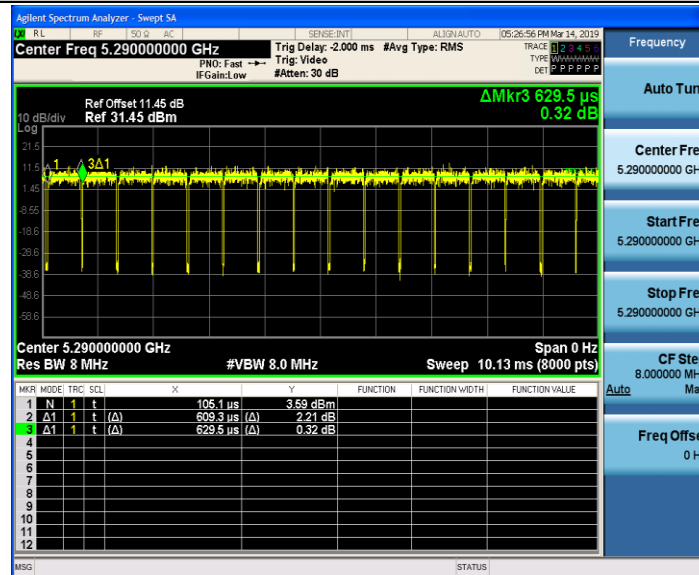
11AC40SISO\_Ant1\_5795



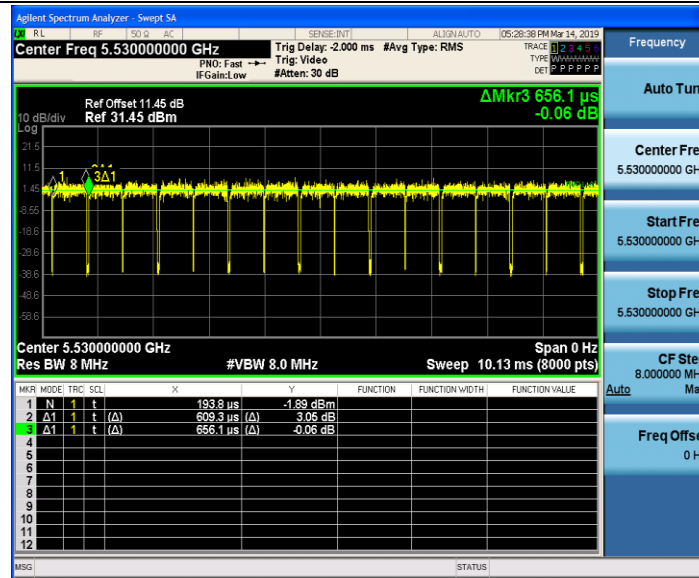
11AC80SISO\_Ant1\_5210



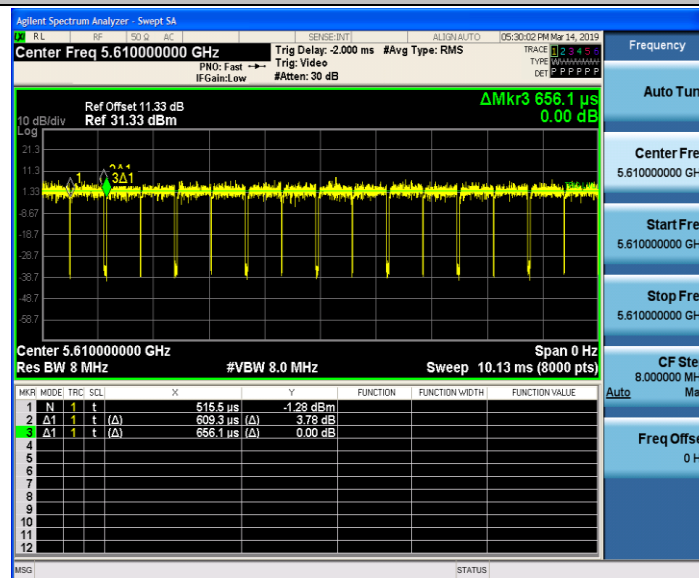
11AC80SISO\_Ant1\_5290



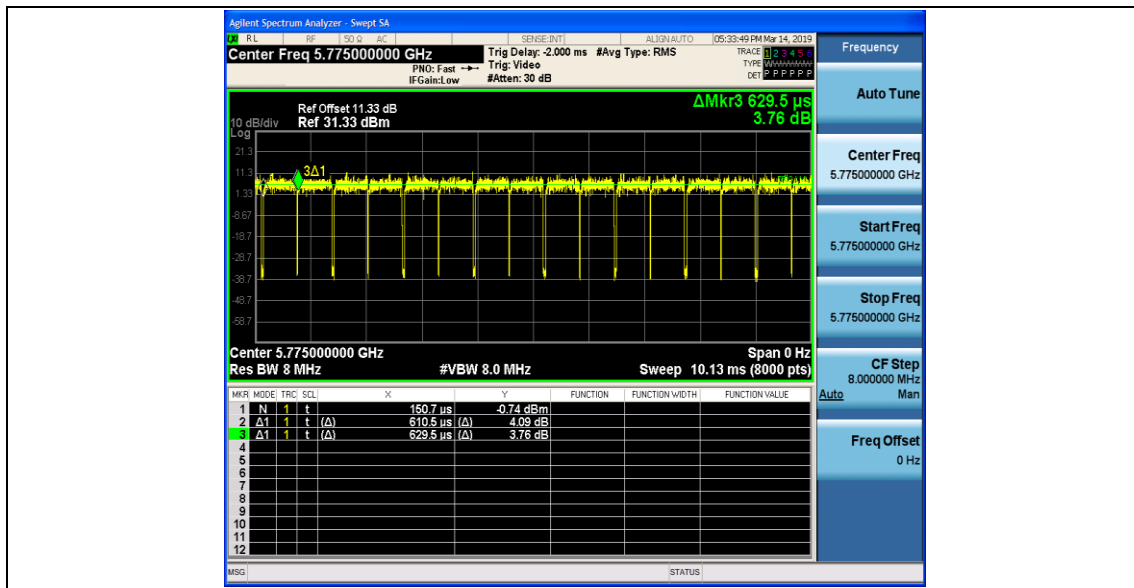
11AC80SISO\_Ant1\_5530



11AC80SISO\_Ant1\_5610



11AC80SISO\_Ant1\_5775





## Appendix D: Maximum Average conducted output power

### Test Result

| TestMode  | Antenna | Channel | Conducted Result[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|---------|-----------------------|----------------------|---------|
| 11A       | Ant1    | 5180    | 17.32                 | 24                   | PASS    |
|           |         | 5200    | 17.19                 | 24                   | PASS    |
|           |         | 5240    | 16.76                 | 24                   | PASS    |
|           |         | 5260    | 16.36                 | 23.90                | PASS    |
|           |         | 5280    | 16.33                 | 23.88                | PASS    |
|           |         | 5320    | 16.65                 | 23.86                | PASS    |
|           |         | 5500    | 10.66                 | 23.90                | PASS    |
|           |         | 5580    | 11.47                 | 23.89                | PASS    |
|           |         | 5700    | 11.55                 | 23.89                | PASS    |
|           |         | 5745    | 15.65                 | 30                   | PASS    |
|           |         | 5785    | 15.49                 | 30                   | PASS    |
|           |         | 5825    | 15.10                 | 30                   | PASS    |
| 11N20SISO | Ant1    | 5180    | 16.71                 | 24                   | PASS    |
|           |         | 5200    | 16.74                 | 24                   | PASS    |
|           |         | 5240    | 16.35                 | 24                   | PASS    |
|           |         | 5260    | 15.73                 | 24                   | PASS    |
|           |         | 5280    | 15.82                 | 24                   | PASS    |
|           |         | 5320    | 16.18                 | 24                   | PASS    |
|           |         | 5500    | 11.30                 | 24                   | PASS    |
|           |         | 5580    | 12.06                 | 24                   | PASS    |
|           |         | 5700    | 12.38                 | 24                   | PASS    |
|           |         | 5745    | 15.32                 | 30                   | PASS    |
|           |         | 5785    | 15.23                 | 30                   | PASS    |
|           |         | 5825    | 14.85                 | 30                   | PASS    |
| 11N40SISO | Ant1    | 5190    | 14.76                 | 24                   | PASS    |
|           |         | 5230    | 14.52                 | 24                   | PASS    |
|           |         | 5270    | 12.58                 | 24                   | PASS    |
|           |         | 5310    | 13.13                 | 24                   | PASS    |
|           |         | 5510    | 8.15                  | 24                   | PASS    |
|           |         | 5550    | 8.58                  | 24                   | PASS    |
|           |         | 5670    | 9.03                  | 24                   | PASS    |
|           |         | 5755    | 12.00                 | 30                   | PASS    |
|           |         | 5795    | 11.97                 | 30                   | PASS    |



|            |      |      |       |       |      |
|------------|------|------|-------|-------|------|
| 11AC20SISO | Ant1 | 5180 | 16.69 | 24    | PASS |
|            |      | 5200 | 16.69 | 24    | PASS |
|            |      | 5240 | 16.36 | 24    | PASS |
|            |      | 5260 | 15.71 | 23.97 | PASS |
|            |      | 5280 | 15.79 | 23.98 | PASS |
|            |      | 5320 | 16.17 | 23.98 | PASS |
|            |      | 5500 | 11.33 | 23.98 | PASS |
|            |      | 5580 | 12.08 | 24    | PASS |
|            |      | 5700 | 12.42 | 24    | PASS |
|            |      | 5745 | 15.32 | 30    | PASS |
|            |      | 5785 | 15.23 | 30    | PASS |
|            |      | 5825 | 14.86 | 30    | PASS |
| 11AC40SISO | Ant1 | 5190 | 14.75 | 24    | PASS |
|            |      | 5230 | 14.53 | 24    | PASS |
|            |      | 5270 | 12.57 | 24    | PASS |
|            |      | 5310 | 13.13 | 24    | PASS |
|            |      | 5510 | 8.18  | 24    | PASS |
|            |      | 5550 | 8.58  | 24    | PASS |
|            |      | 5670 | 9.05  | 24    | PASS |
|            |      | 5755 | 12.01 | 30    | PASS |
|            |      | 5795 | 11.92 | 30    | PASS |
| 11AC80SISO | Ant1 | 5210 | 14.60 | 24    | PASS |
|            |      | 5290 | 12.86 | 24    | PASS |
|            |      | 5530 | 7.02  | 24    | PASS |
|            |      | 5610 | 7.70  | 24    | PASS |
|            |      | 5775 | 11.59 | 30    | PASS |

Note: The Duty Cycle Factor is compensated in the graph.



## Appendix E: Peak Maximum power spectral density

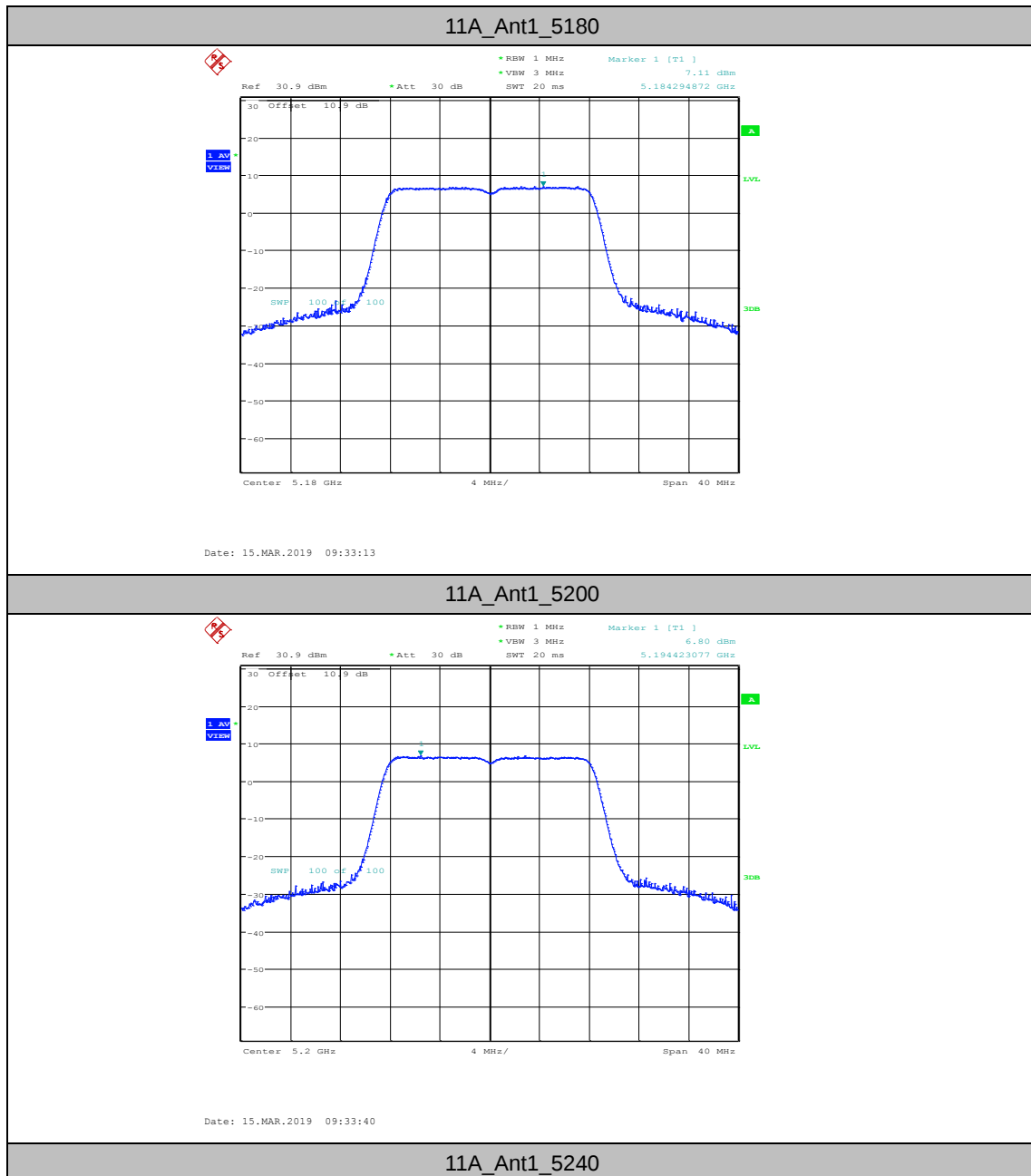
### Test Result

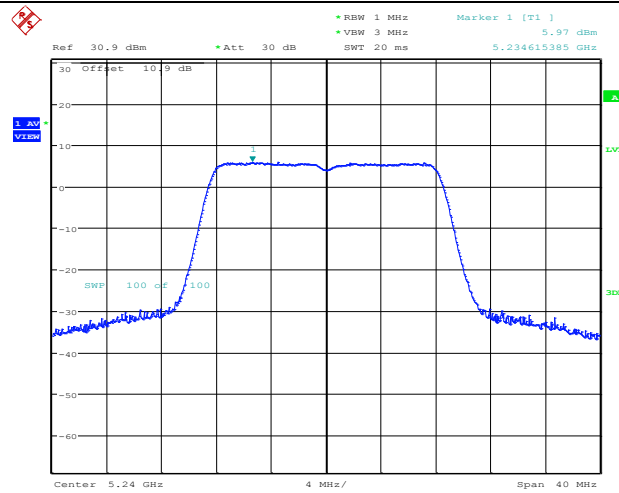
| TestMode  | Antenna | Channel | Result | Limit | Verdict |
|-----------|---------|---------|--------|-------|---------|
| 11A       | Ant1    | 5180    | 7.11   | 11    | PASS    |
|           |         | 5200    | 6.8    | 11    | PASS    |
|           |         | 5240    | 5.97   | 11    | PASS    |
|           |         | 5260    | 5.41   | 11    | PASS    |
|           |         | 5280    | 5.19   | 11    | PASS    |
|           |         | 5320    | 5.79   | 11    | PASS    |
|           |         | 5500    | 0.03   | 11    | PASS    |
|           |         | 5580    | 0.5    | 11    | PASS    |
|           |         | 5700    | 0.65   | 11    | PASS    |
|           |         | 5745    | 2.63   | 30    | PASS    |
|           |         | 5785    | 2.96   | 30    | PASS    |
|           |         | 5825    | 2.16   | 30    | PASS    |
| 11N20SISO | Ant1    | 5180    | 6.13   | 11    | PASS    |
|           |         | 5200    | 6.16   | 11    | PASS    |
|           |         | 5240    | 5.65   | 11    | PASS    |
|           |         | 5260    | 4.75   | 11    | PASS    |
|           |         | 5280    | 4.63   | 11    | PASS    |
|           |         | 5320    | 5.07   | 11    | PASS    |
|           |         | 5500    | 0.42   | 11    | PASS    |
|           |         | 5580    | 0.86   | 11    | PASS    |
|           |         | 5700    | 1.38   | 11    | PASS    |
|           |         | 5745    | 2.55   | 30    | PASS    |
|           |         | 5785    | 2.4    | 30    | PASS    |
|           |         | 5825    | 2.17   | 30    | PASS    |
| 11N40SISO | Ant1    | 5190    | 1.21   | 11    | PASS    |
|           |         | 5230    | 1.1    | 11    | PASS    |
|           |         | 5270    | -1.41  | 11    | PASS    |
|           |         | 5310    | -0.63  | 11    | PASS    |
|           |         | 5510    | -5.24  | 11    | PASS    |
|           |         | 5550    | -5     | 11    | PASS    |
|           |         | 5670    | -4.84  | 11    | PASS    |

|            |      |      |       |    |      |
|------------|------|------|-------|----|------|
|            |      | 5755 | -3.54 | 30 | PASS |
|            |      | 5795 | -3.37 | 30 | PASS |
| 11AC20SISO | Ant1 | 5180 | 5.99  | 11 | PASS |
|            |      | 5200 | 6.08  | 11 | PASS |
|            |      | 5240 | 5.64  | 11 | PASS |
|            |      | 5260 | 4.71  | 11 | PASS |
|            |      | 5280 | 4.63  | 11 | PASS |
|            |      | 5320 | 4.9   | 11 | PASS |
|            |      | 5500 | 0.48  | 11 | PASS |
|            |      | 5580 | 0.74  | 11 | PASS |
|            |      | 5700 | 1.38  | 11 | PASS |
|            |      | 5745 | 2.57  | 30 | PASS |
|            |      | 5785 | 2.28  | 30 | PASS |
|            |      | 5825 | 1.78  | 30 | PASS |
| 11AC40SISO | Ant1 | 5190 | 1.36  | 11 | PASS |
|            |      | 5230 | 0.99  | 11 | PASS |
|            |      | 5270 | -1.34 | 11 | PASS |
|            |      | 5310 | -0.77 | 11 | PASS |
|            |      | 5510 | -5.35 | 11 | PASS |
|            |      | 5550 | -5.22 | 11 | PASS |
|            |      | 5670 | -4.72 | 11 | PASS |
|            |      | 5755 | -3.63 | 30 | PASS |
|            |      | 5795 | -3.61 | 30 | PASS |
| 11AC80SISO | Ant1 | 5210 | -1.87 | 11 | PASS |
|            |      | 5290 | -3.98 | 11 | PASS |
|            |      | 5530 | -9.53 | 11 | PASS |
|            |      | 5610 | -9.28 | 11 | PASS |
|            |      | 5775 | -7.12 | 30 | PASS |

Note: The Duty Cycle Factor and RBW Factor (5725-5850) is compensated in the graph.

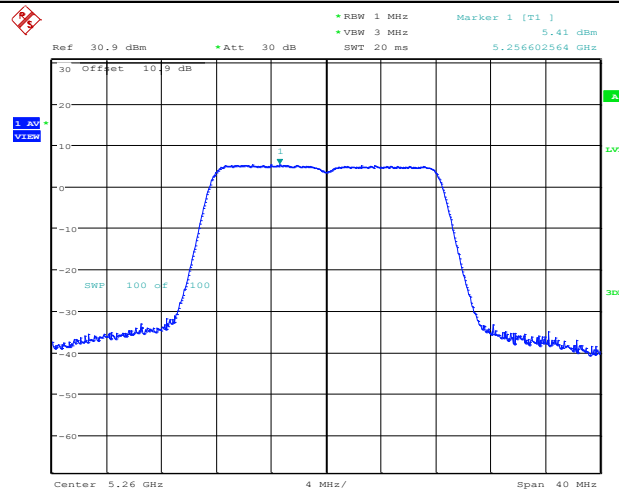
## Test Graphs





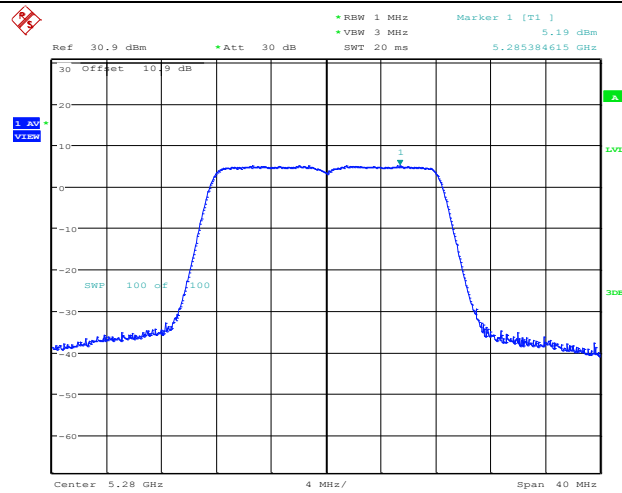
Date: 15.MAR.2019 09:34:37

## 11A\_Ant1\_5260



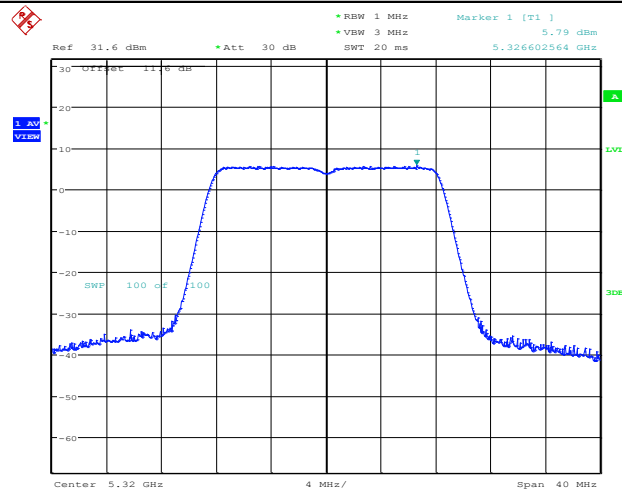
Date: 15.MAR.2019 09:35:06

## 11A\_Ant1\_5280



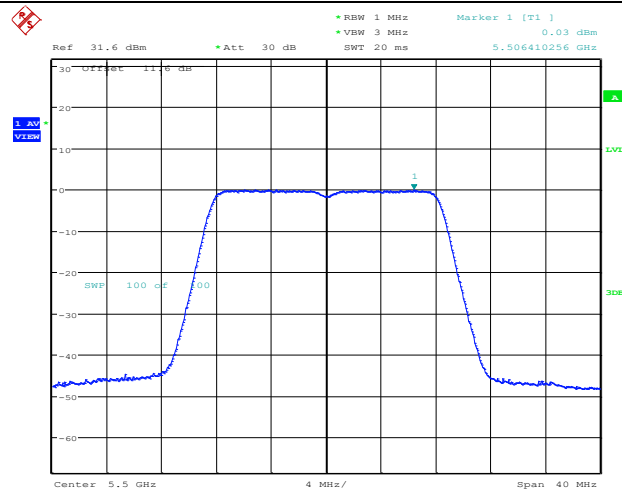
Date: 15.MAR.2019 09:35:36

### 11A\_Ant1\_5320



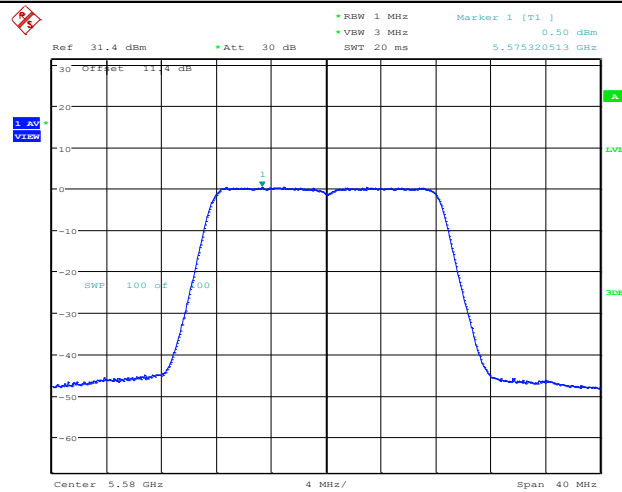
Date: 15.MAR.2019 09:35:55

### 11A\_Ant1\_5500



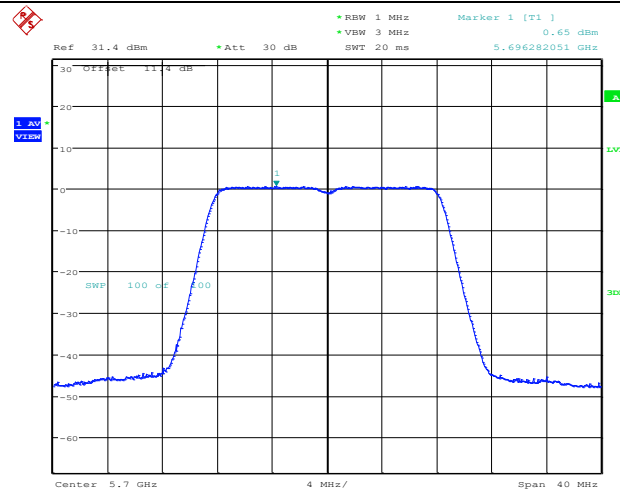
Date: 15.MAR.2019 09:36:16

### 11A\_Ant1\_5580



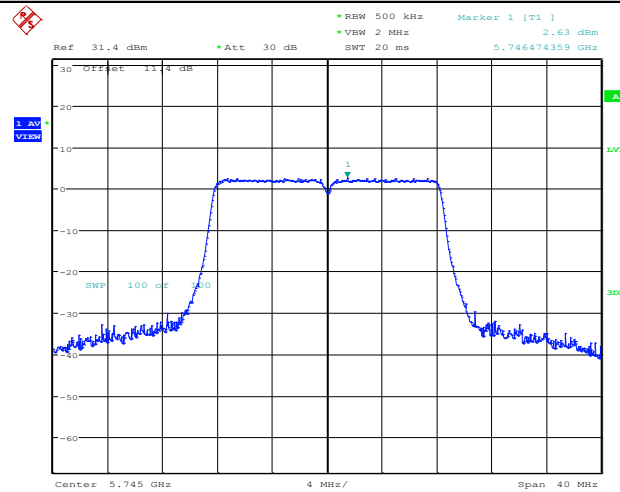
Date: 15.MAR.2019 09:36:39

### 11A\_Ant1\_5700



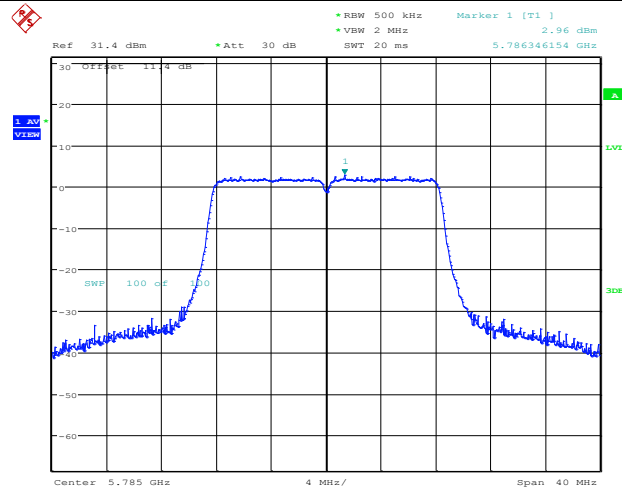
Date: 15.MAR.2019 09:37:03

## 11A\_Ant1\_5745



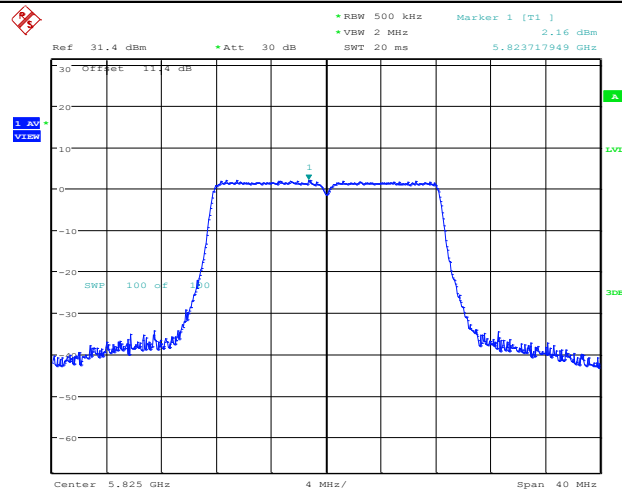
Date: 15.MAR.2019 09:37:28

## 11A\_Ant1\_5785



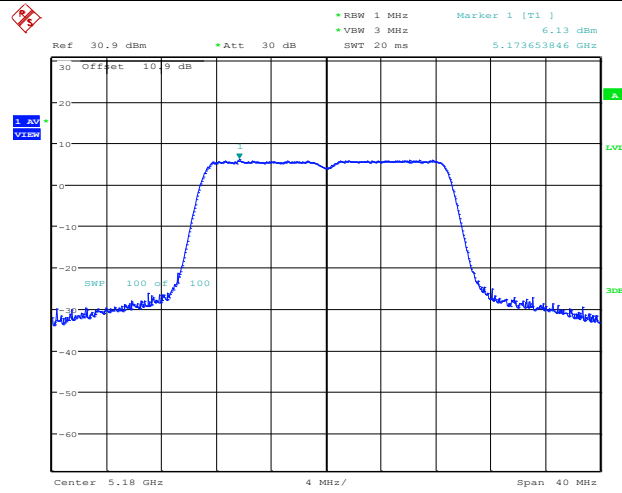
Date: 15.MAR.2019 09:37:55

### 11A\_Ant1\_5825



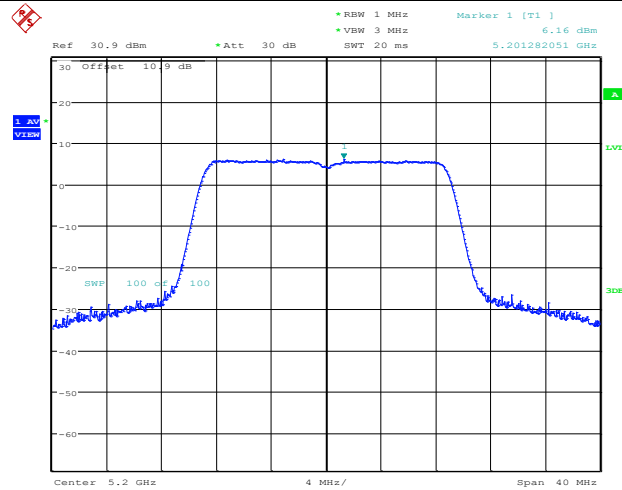
Date: 15.MAR.2019 09:38:11

### 11N20SISO\_Ant1\_5180



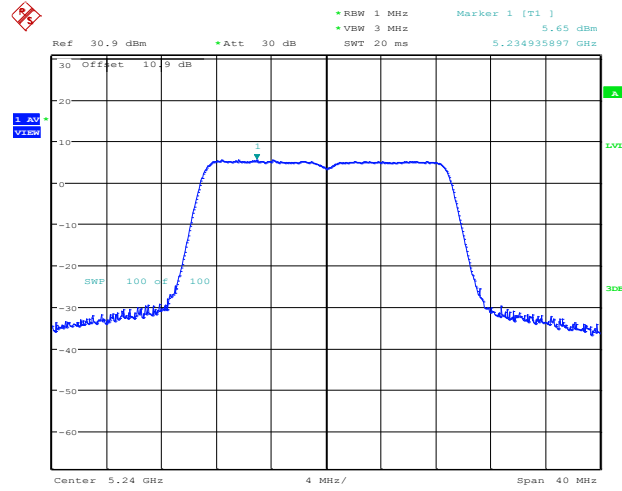
Date: 15.MAR.2019 09:38:55

### 11N20SISO\_Ant1\_5200



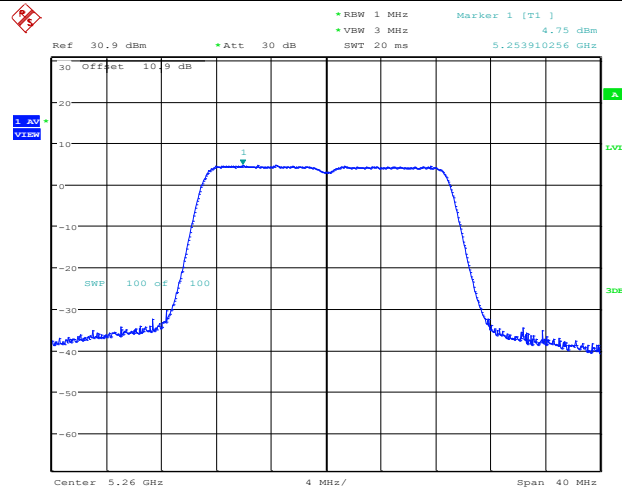
Date: 15.MAR.2019 09:39:18

### 11N20SISO\_Ant1\_5240



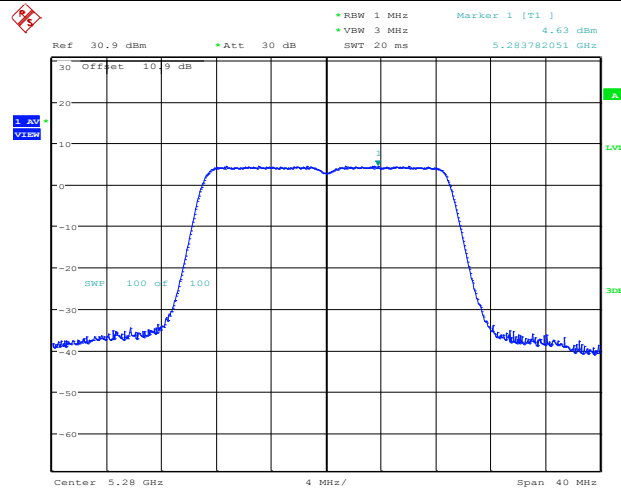
Date: 15.MAR.2019 09:41:02

### 11N20SISO\_Ant1\_5260



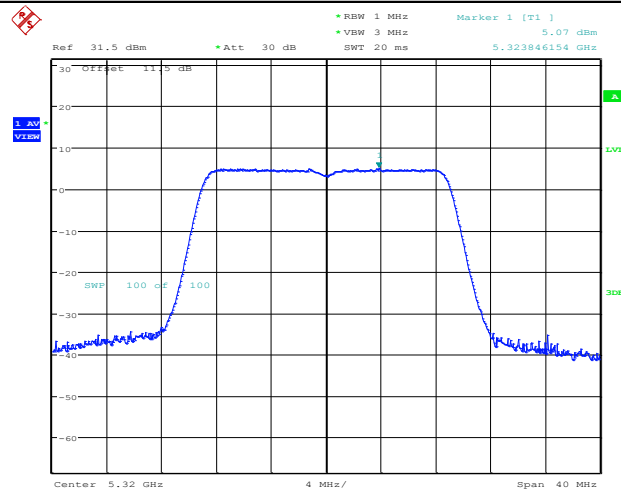
Date: 15.MAR.2019 09:41:29

### 11N20SISO\_Ant1\_5280



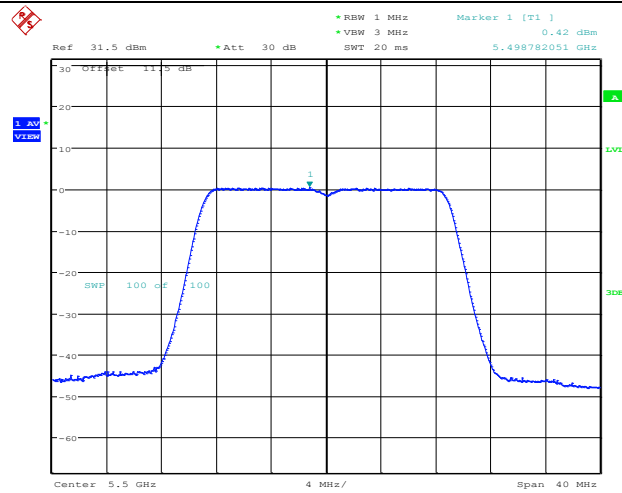
Date: 15.MAR.2019 09:41:55

### 11N20SISO\_Ant1\_5320



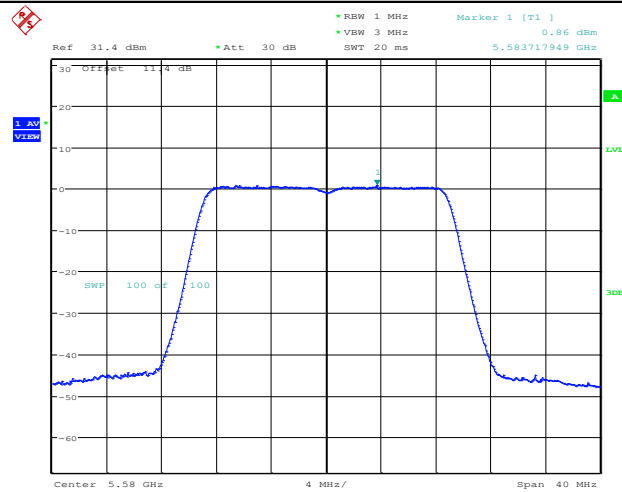
Date: 15.MAR.2019 09:42:13

### 11N20SISO\_Ant1\_5500



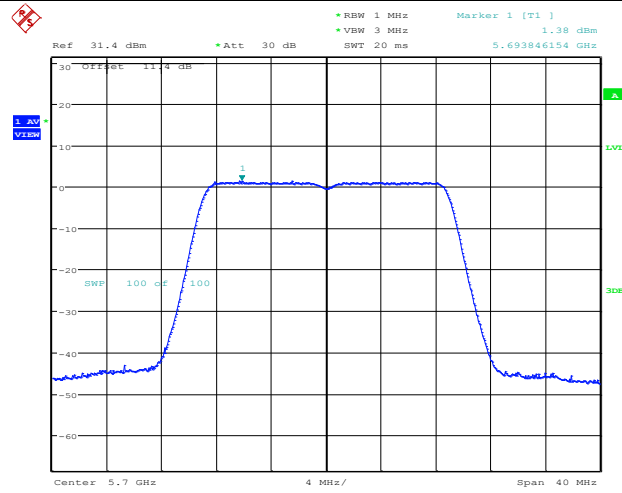
Date: 15.MAR.2019 09:43:01

### 11N20SISO\_Ant1\_5580



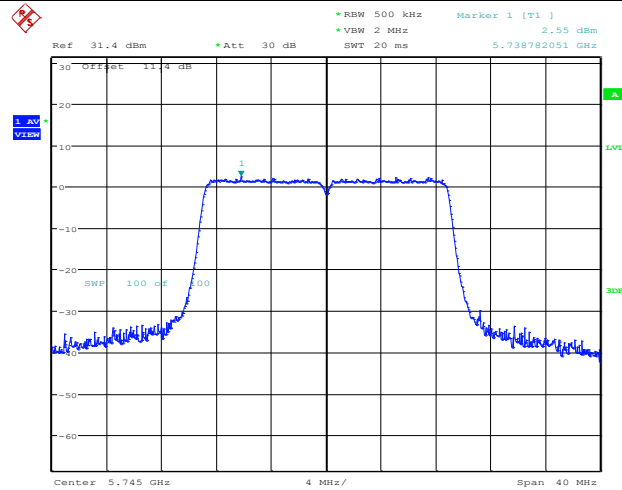
Date: 15.MAR.2019 09:43:36

### 11N20SISO\_Ant1\_5700



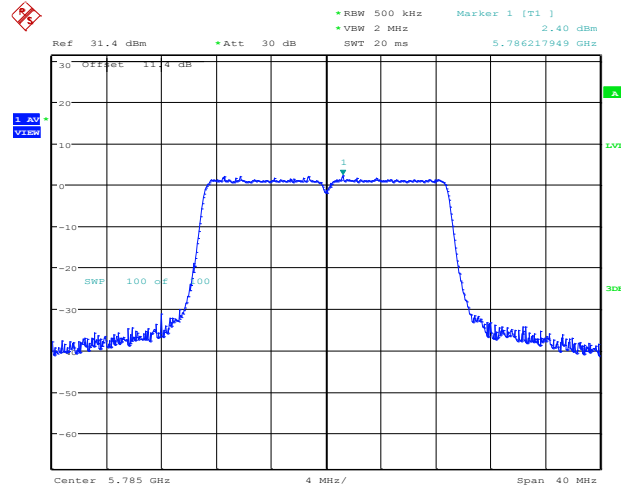
Date: 15.MAR.2019 09:43:54

### 11N20SISO\_Ant1\_5745



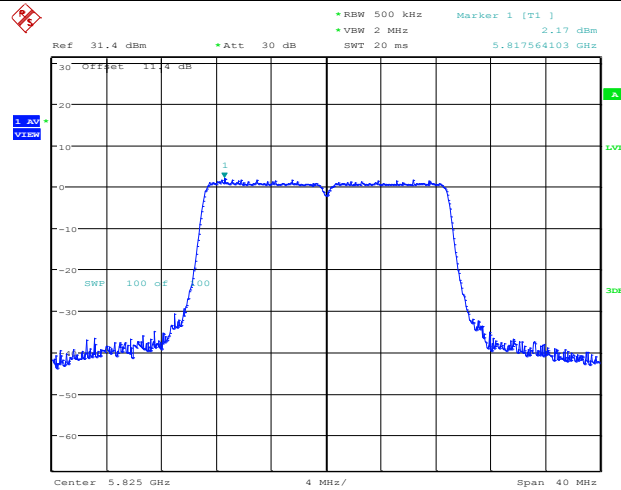
Date: 15.MAR.2019 09:44:15

### 11N20SISO\_Ant1\_5785



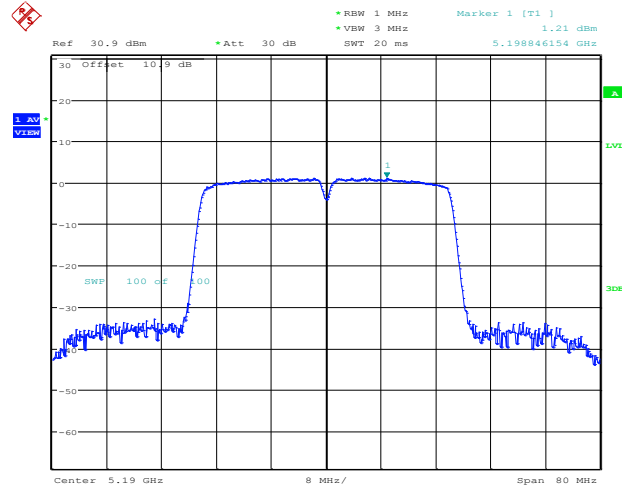
Date: 15.MAR.2019 09:44:39

### 11N20SISO\_Ant1\_5825



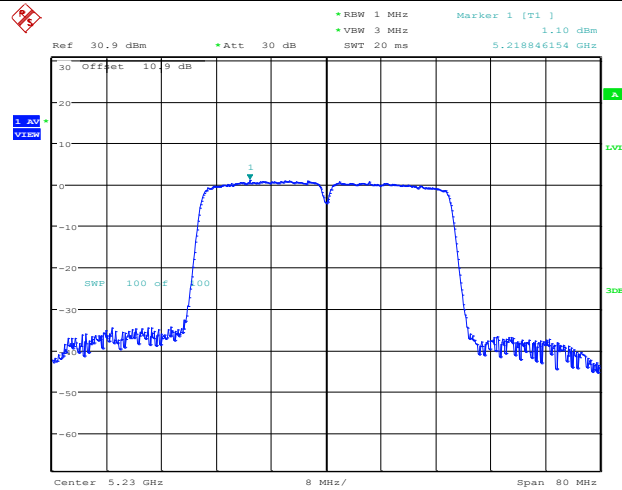
Date: 15.MAR.2019 09:45:04

### 11N40SISO\_Ant1\_5190



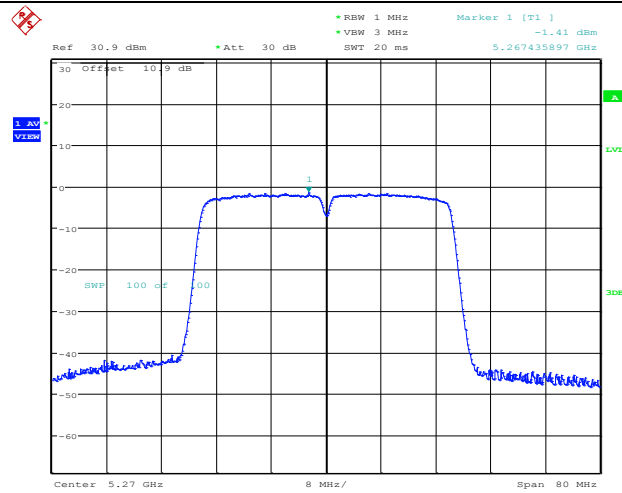
Date: 15.MAR.2019 09:46:19

### 11N40SISO\_Ant1\_5230



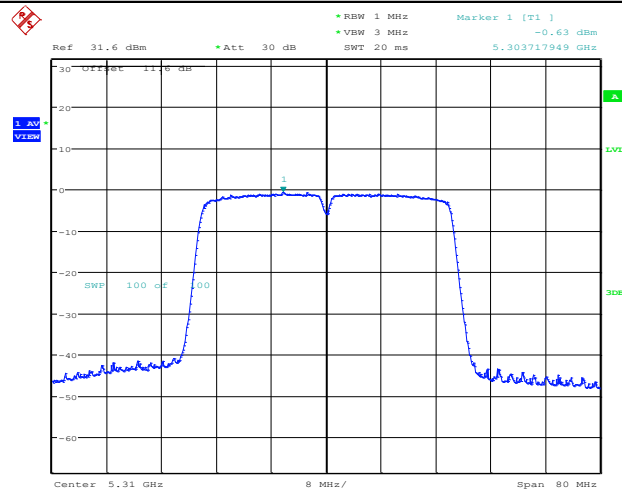
Date: 15.MAR.2019 09:48:40

### 11N40SISO\_Ant1\_5270



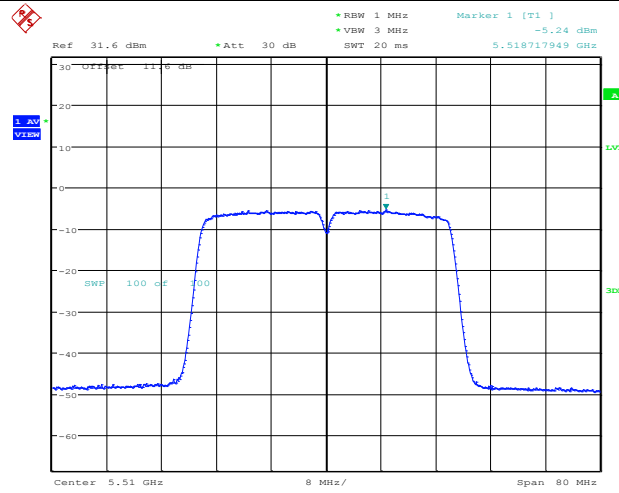
Date: 15.MAR.2019 09:49:50

### 11N40SISO\_Ant1\_5310



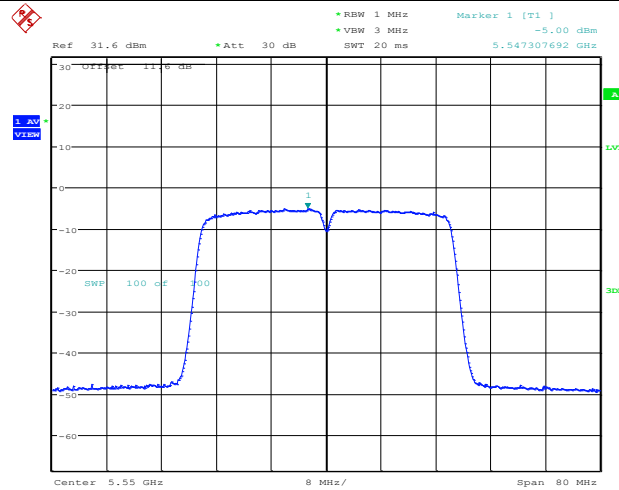
Date: 15.MAR.2019 09:50:48

### 11N40SISO\_Ant1\_5510



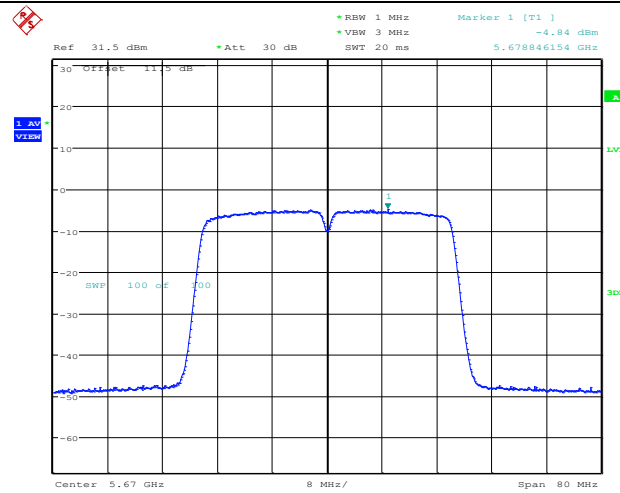
Date: 15.MAR.2019 09:51:43

### 11N40SISO\_Ant1\_5550



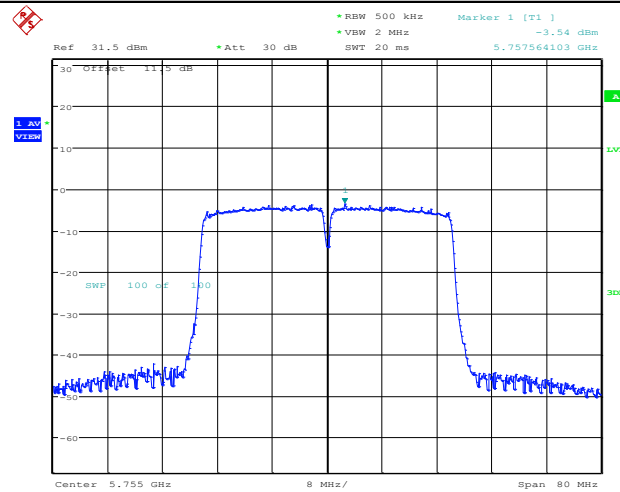
Date: 15.MAR.2019 09:52:02

### 11N40SISO\_Ant1\_5670



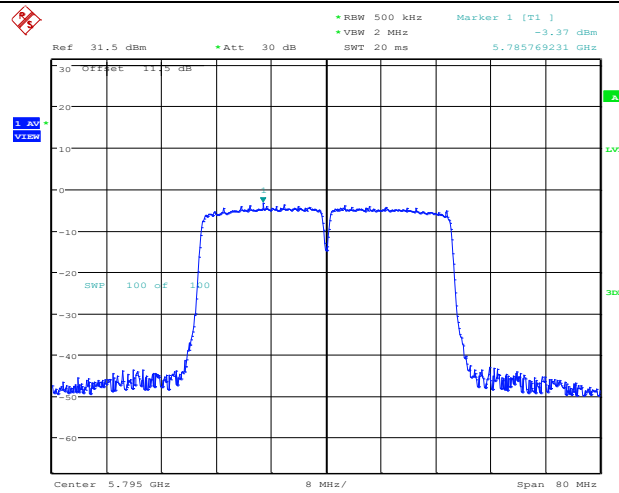
Date: 15.MAR.2019 09:53:58

### 11N40SISO\_Ant1\_5755



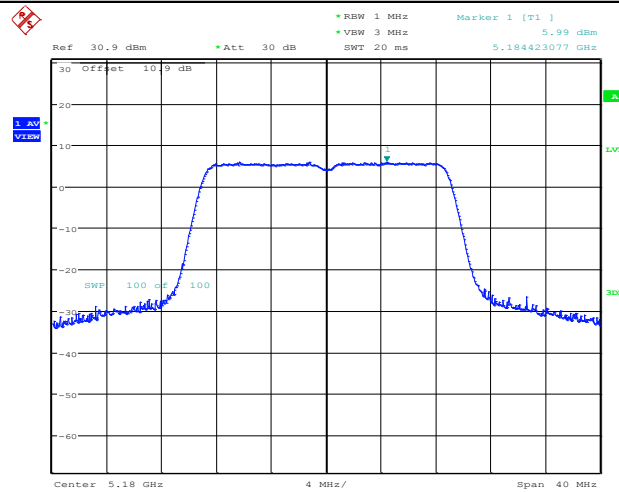
Date: 15.MAR.2019 09:55:32

### 11N40SISO\_Ant1\_5795



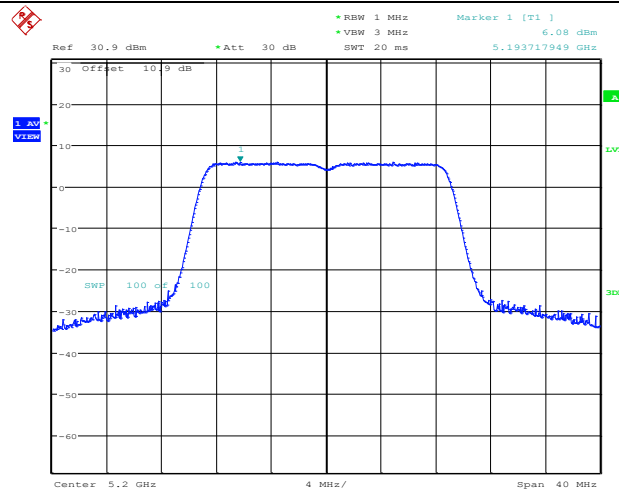
Date: 15.MAR.2019 09:55:50

## 11AC20SISO\_Ant1\_5180



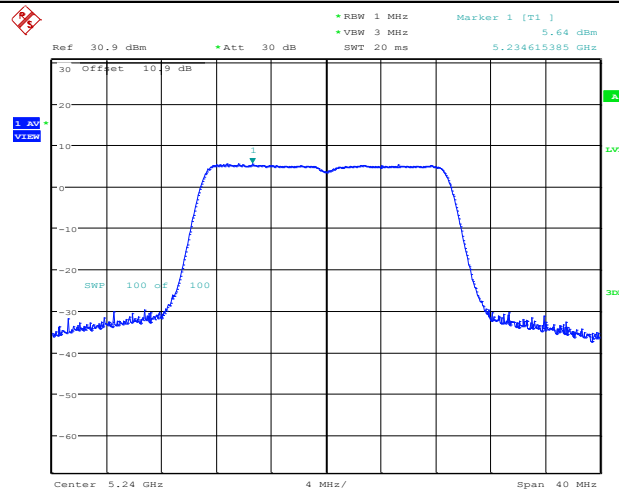
Date: 15.MAR.2019 09:56:28

## 11AC20SISO\_Ant1\_5200



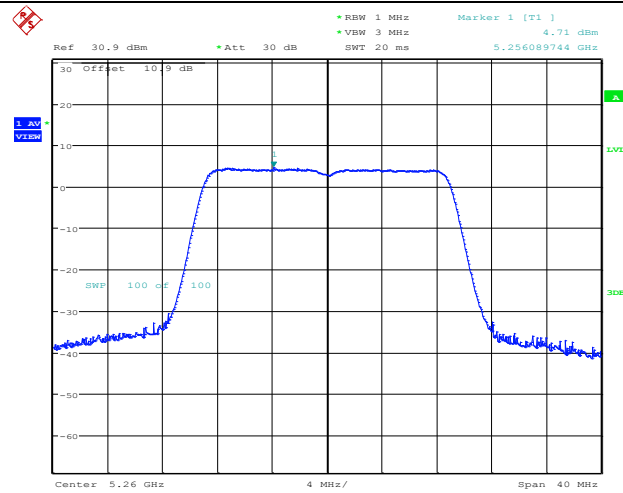
Date: 15.MAR.2019 09:57:13

## 11AC20SISO\_Ant1\_5240



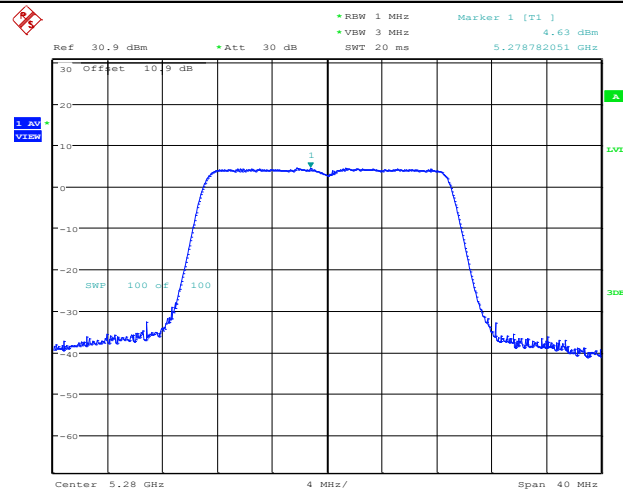
Date: 15.MAR.2019 09:57:58

## 11AC20SISO\_Ant1\_5260



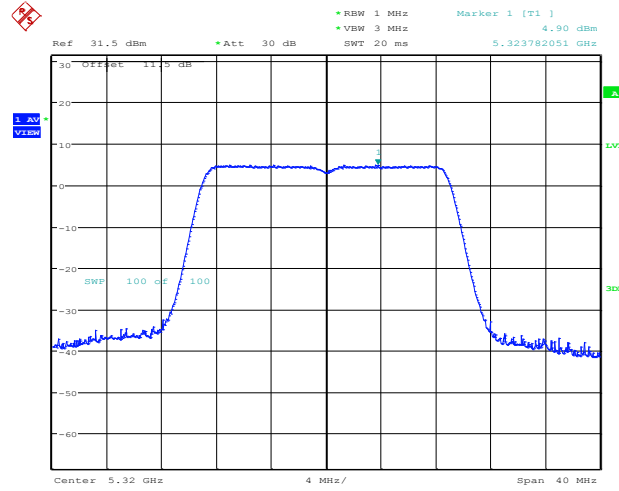
Date: 15.MAR.2019 09:58:21

## 11AC20SISO\_Ant1\_5280



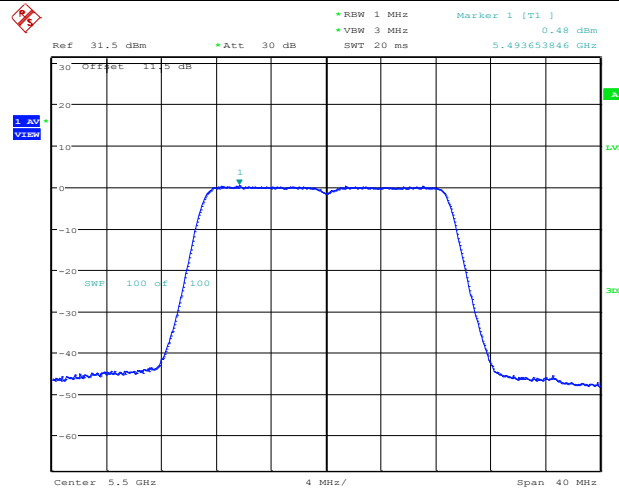
Date: 15.MAR.2019 09:59:09

## 11AC20SISO\_Ant1\_5320



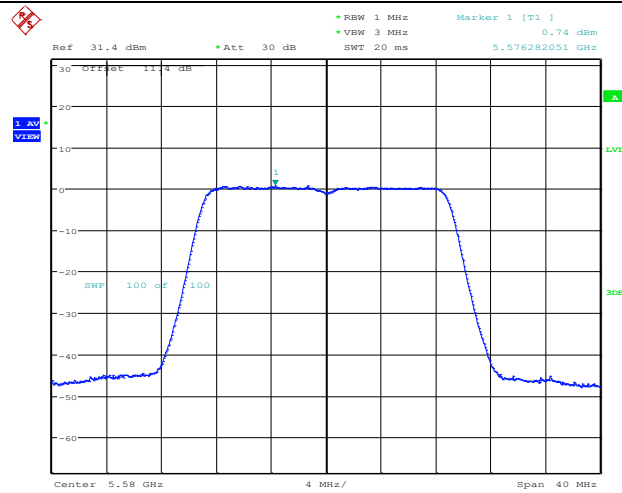
Date: 15.MAR.2019 09:59:27

## 11AC20SISO\_Ant1\_5500



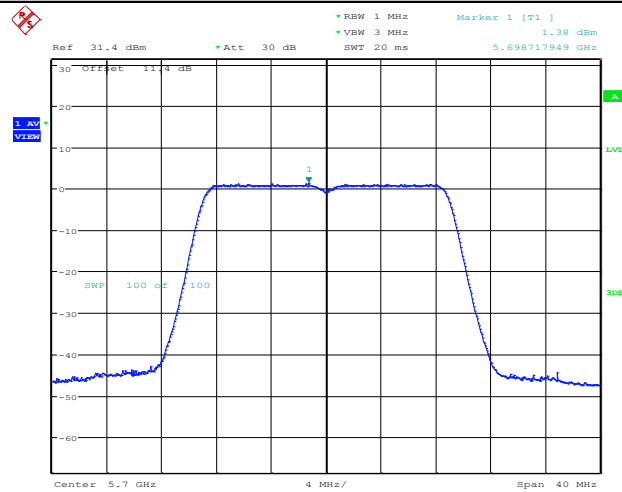
Date: 15.MAR.2019 09:59:52

## 11AC20SISO\_Ant1\_5580



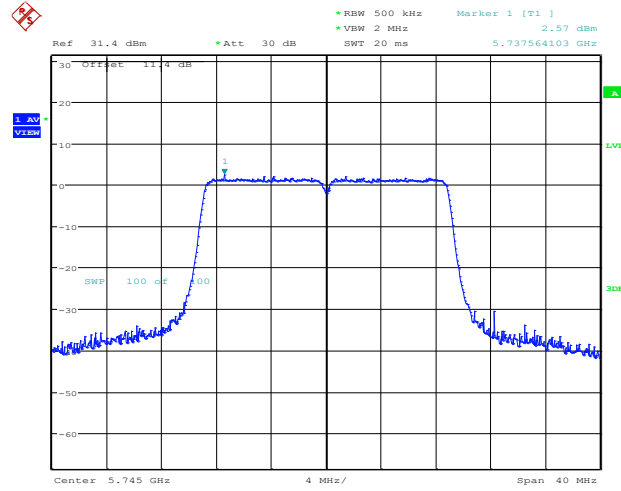
Date: 15.MAR.2019 10:00:47

### 11AC20SISO\_Ant1\_5700



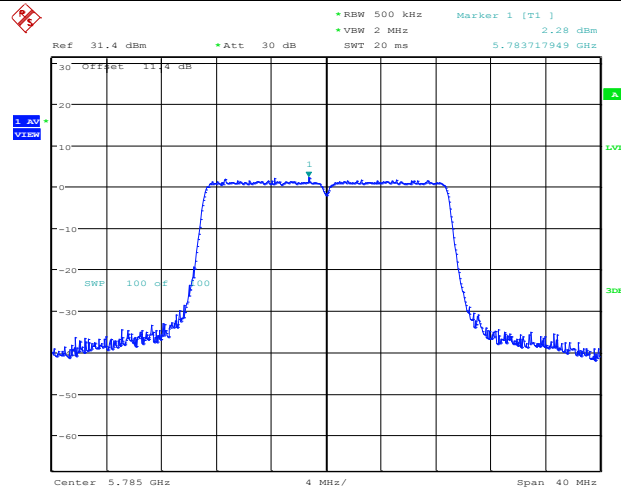
Date: 15.MAR.2019 10:01:04

### 11AC20SISO\_Ant1\_5745



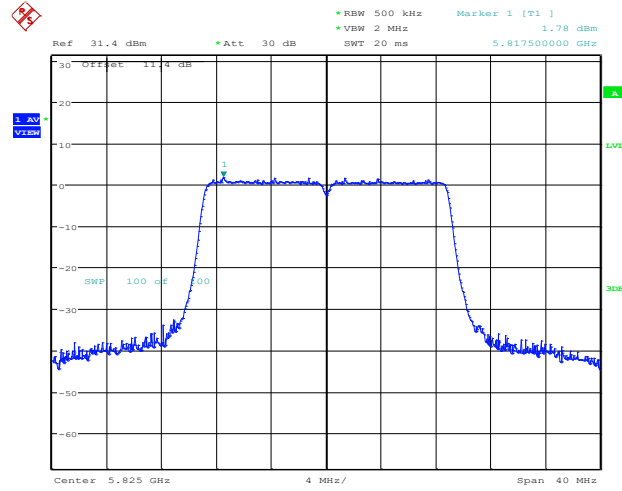
Date: 15.MAR.2019 10:01:26

### 11AC20SISO\_Ant1\_5785



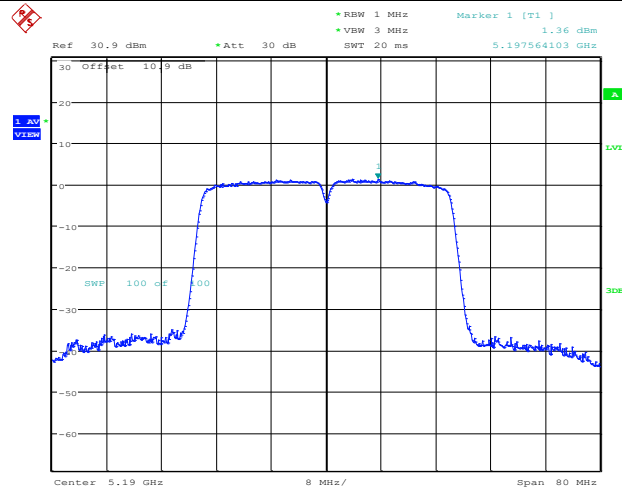
Date: 15.MAR.2019 10:01:45

### 11AC20SISO\_Ant1\_5825



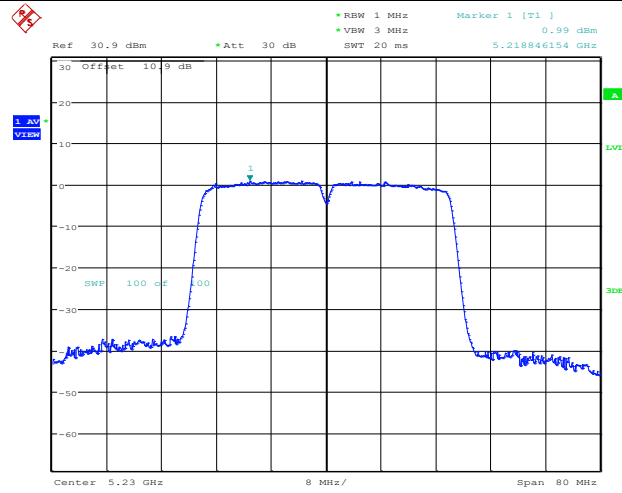
Date: 15.MAR.2019 10:02:02

### 11AC40SISO\_Ant1\_5190



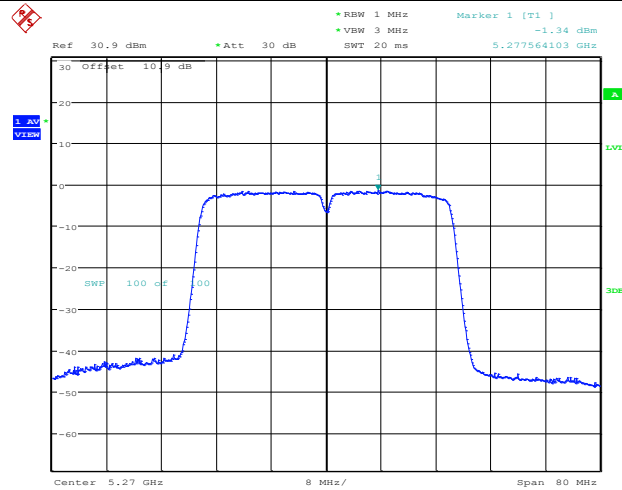
Date: 15.MAR.2019 10:03:30

### 11AC40SISO\_Ant1\_5230



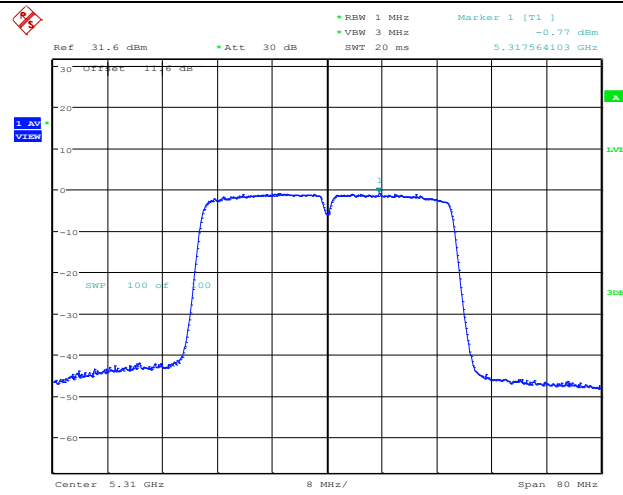
Date: 15.MAR.2019 10:03:51

## 11AC40SISO\_Ant1\_5270



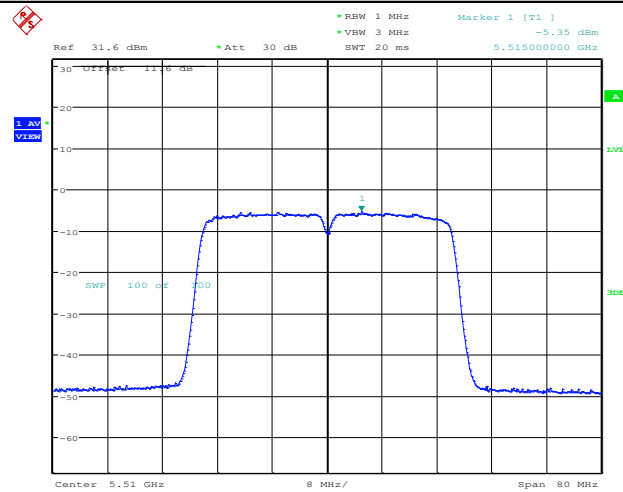
Date: 15.MAR.2019 10:04:19

## 11AC40SISO\_Ant1\_5310



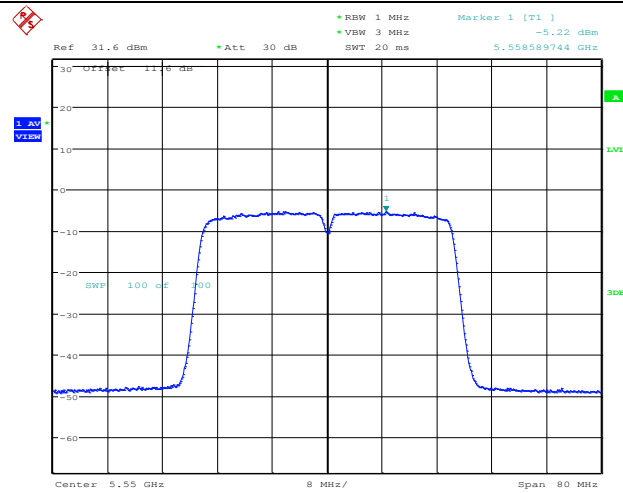
Date: 15.MAR.2019 10:04:38

## 11AC40SISO\_Ant1\_5510



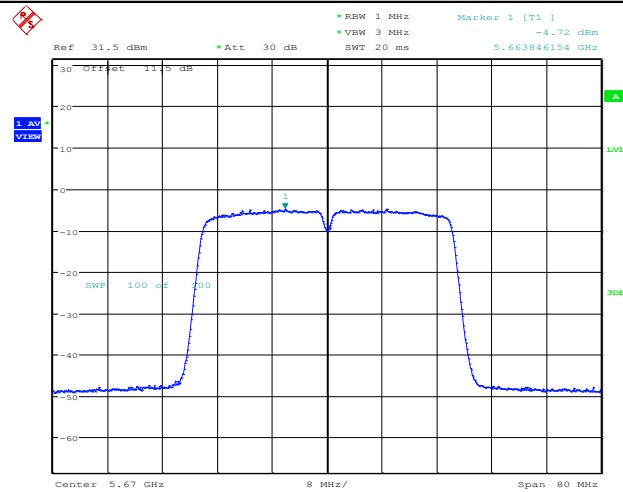
Date: 15.MAR.2019 10:05:00

## 11AC40SISO\_Ant1\_5550



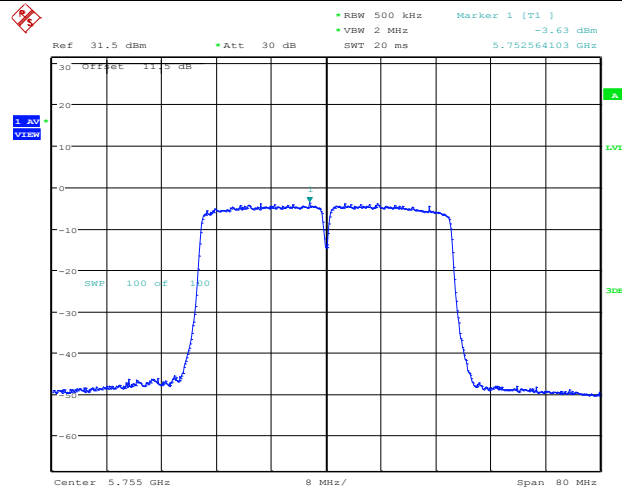
Date: 15.MAR.2019 10:05:18

### 11AC40SISO\_Ant1\_5670



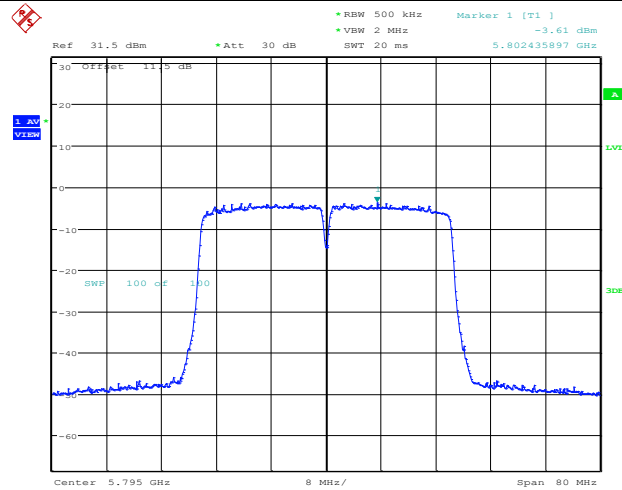
Date: 15.MAR.2019 10:05:43

### 11AC40SISO\_Ant1\_5755



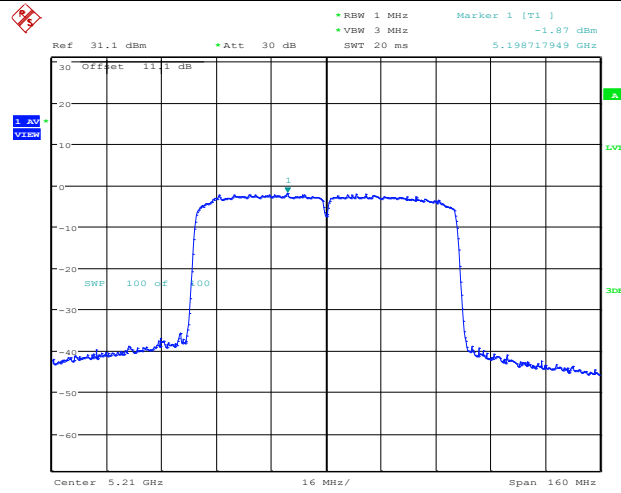
Date: 15.MAR.2019 10:08:08

### 11AC40SISO\_Ant1\_5795



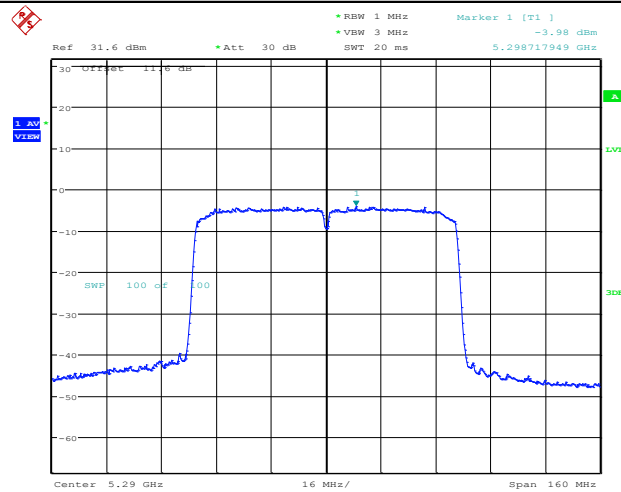
Date: 15.MAR.2019 10:08:27

### 11AC80SISO\_Ant1\_5210



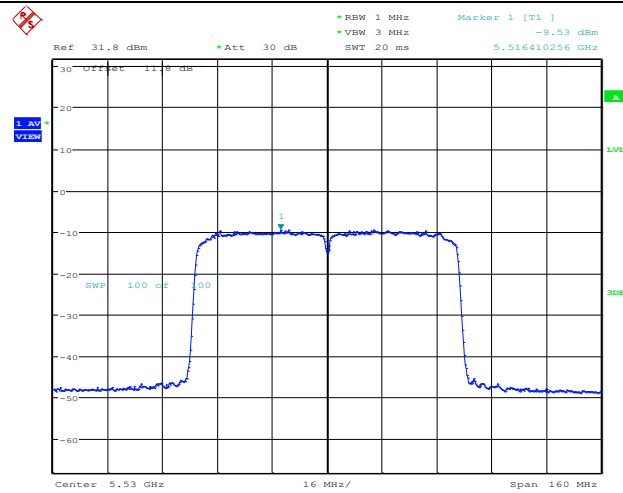
Date: 15.MAR.2019 10:09:08

### 11AC80SISO\_Ant1\_5290



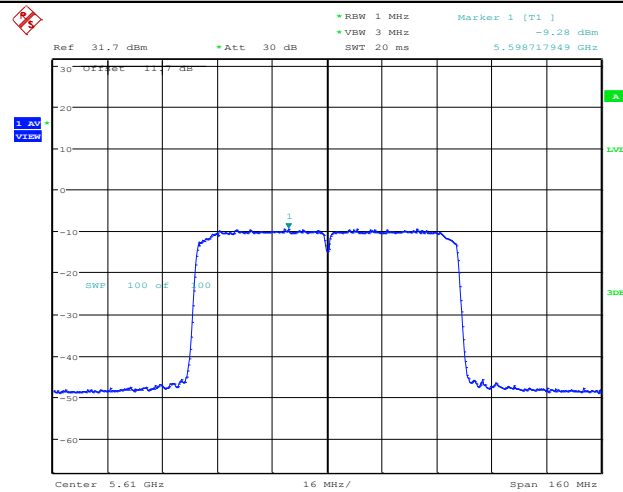
Date: 15.MAR.2019 10:09:32

### 11AC80SISO\_Ant1\_5530



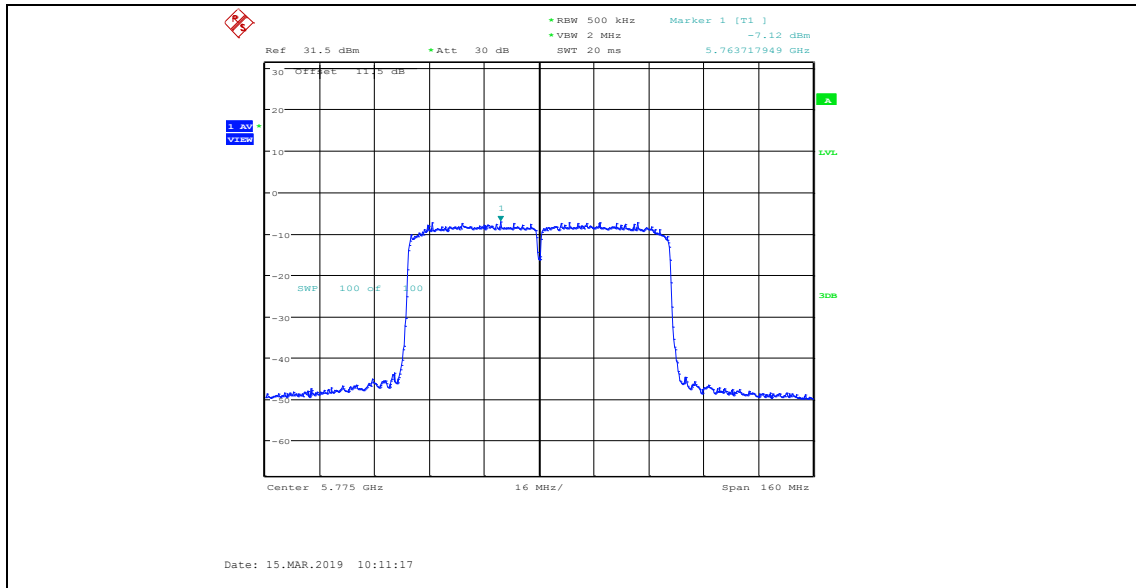
Date: 15.MAR.2019 10:09:56

### 11AC80SISO\_Ant1\_5610



Date: 15.MAR.2019 10:10:25

### 11AC80SISO\_Ant1\_5775



## Appendix F: Frequency Stability

### Test Result

| Voltage  |         |         |               |                  |                |                 |             |         |
|----------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A      | Ant1    | 5180    | NV            | NT               | 0              | 0               | 20          | PASS    |
|          |         |         | LV            | NT               | 0              | 0               | 20          | PASS    |
|          |         |         | HV            | NT               | 0              | 0               | 20          | PASS    |
|          |         | 5825    | NV            | NT               | 0              | 0               | 20          | PASS    |
|          |         |         | LV            | NT               | 0              | 0               | 20          | PASS    |
|          |         |         | HV            | NT               | 0              | 0               | 20          | PASS    |

| Temperature |         |         |               |                  |                |                 |             |         |
|-------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode    | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11A         | Ant1    | 5180    | NV            | -30              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | -20              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | -10              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 0                | -20000         | -3.861004       | 20          | PASS    |
|             |         |         | NV            | 10               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 20               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 30               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 40               | 20000          | 3.861004        | 20          | PASS    |
|             |         |         | NV            | 50               | 0              | 0               | 20          | PASS    |
|             |         | 5825    | NV            | -30              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | -20              | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | -10              | -20000         | -3.433476       | 20          | PASS    |
|             |         |         | NV            | 0                | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 10               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 20               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 30               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 40               | 0              | 0               | 20          | PASS    |
|             |         |         | NV            | 50               | 0              | 0               | 20          | PASS    |

END