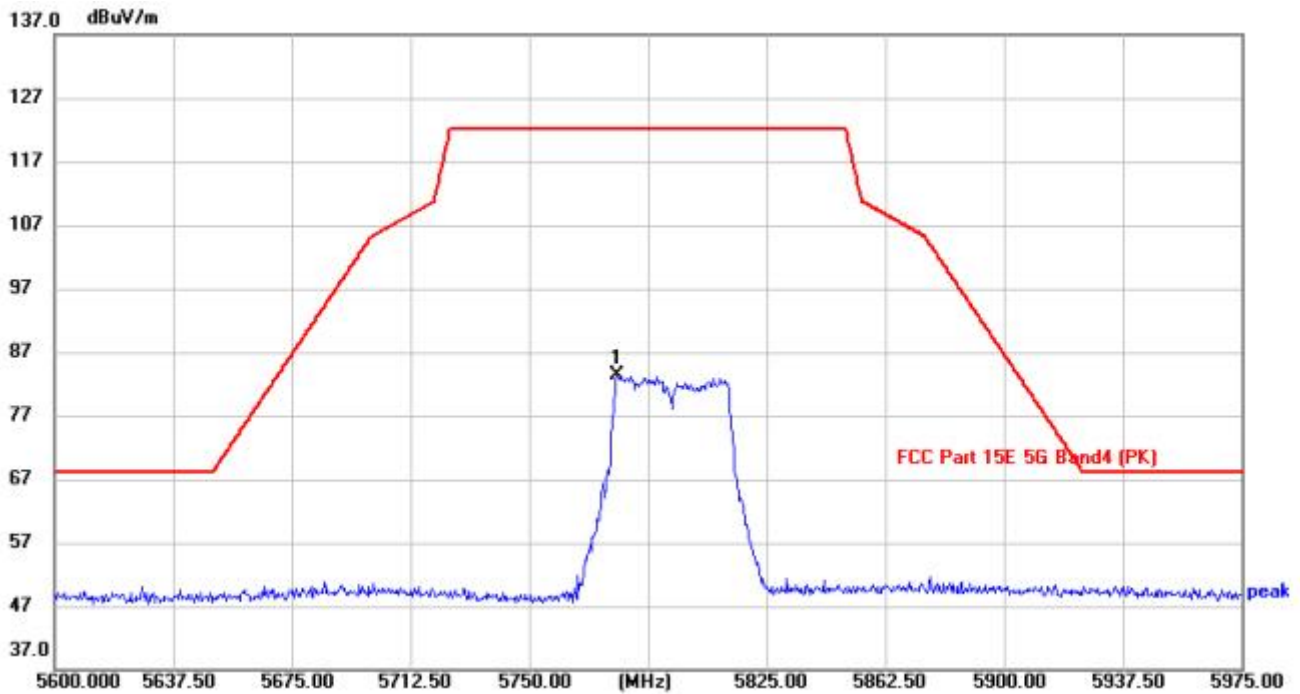


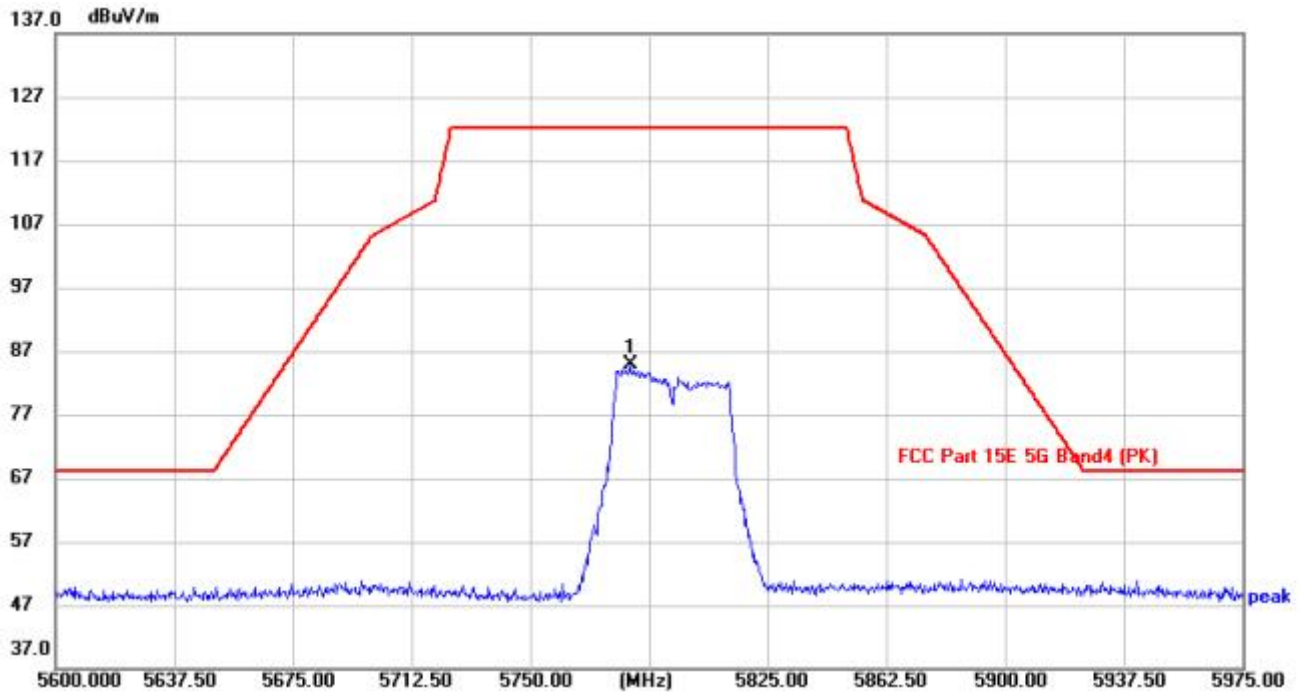
[Test mode: TX high channel 802.11n40 5795MHz ]; [Polarity: Horizontal]



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   | *   | 5777.750 | 76.96         | 6.48           | 83.44       | 122.2  | -38.76 | peak     |

Test Result: Pass

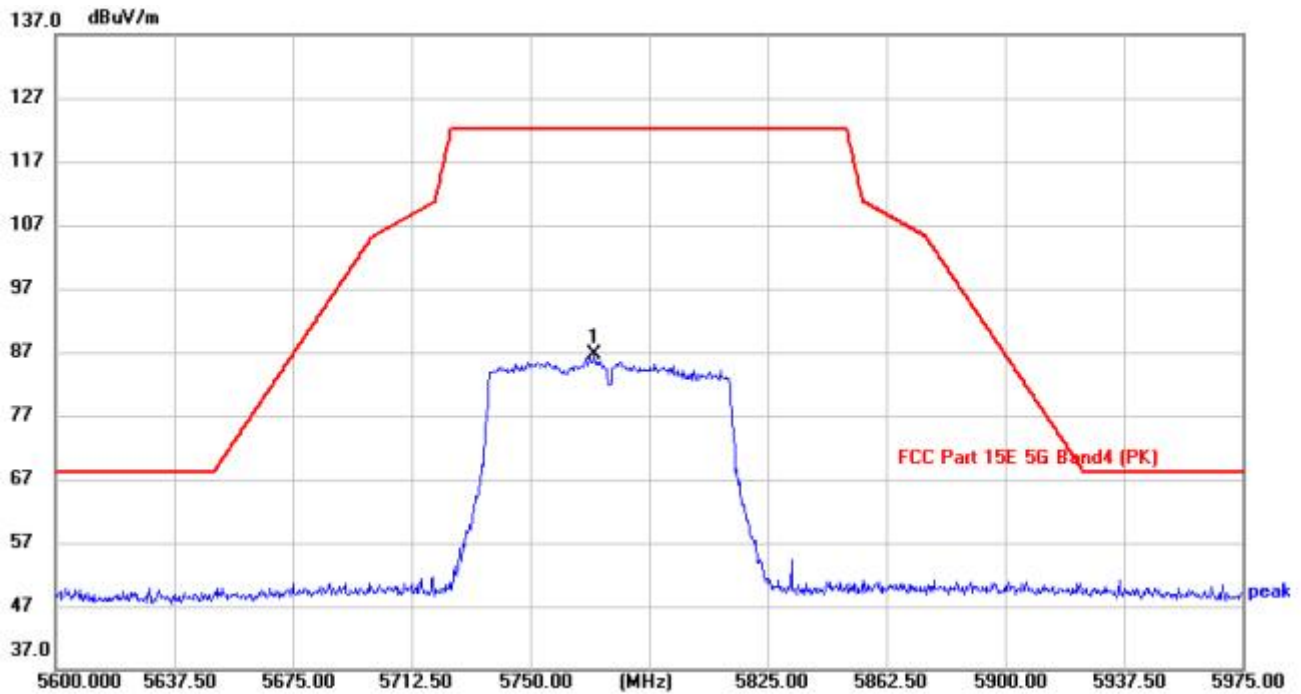
[Test mode: TX high channel 802.11n40 5795MHz ]; [Polarity: Vertical]



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   | *   | 5781.500 | 78.35         | 6.56           | 84.91       | 122.2  | -37.29 | peak     |

Test Result: Pass

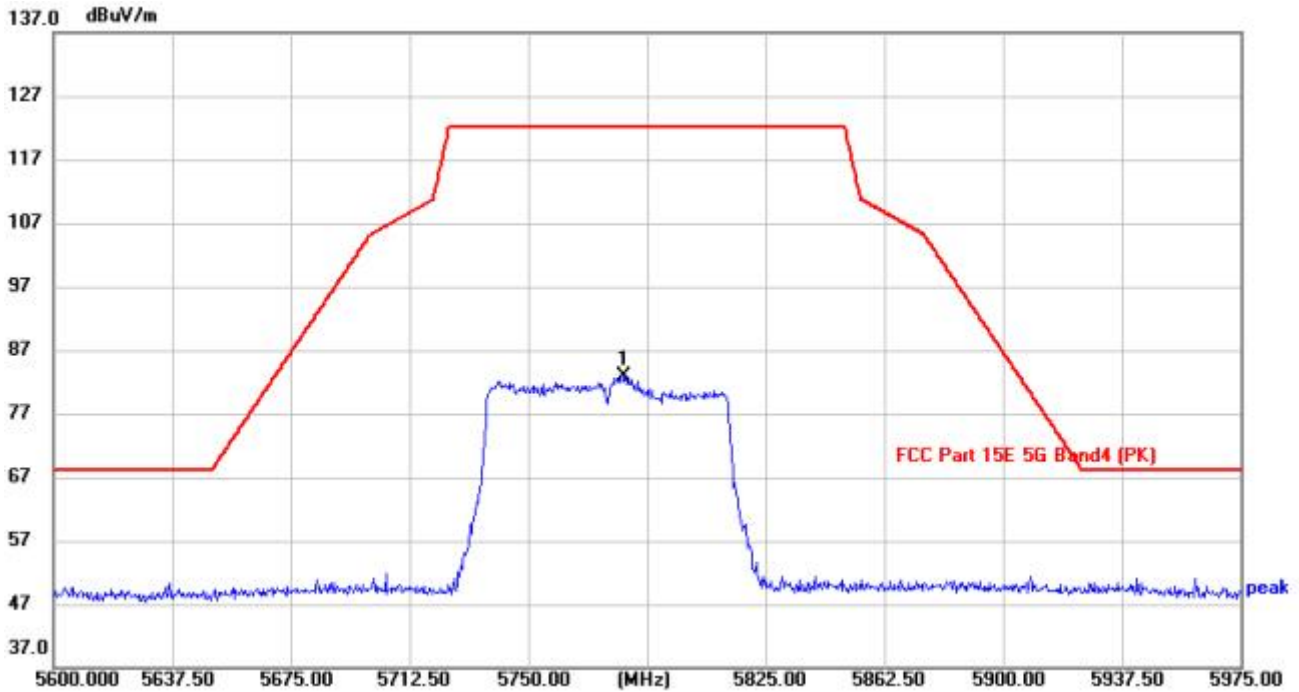
[Test mode: TX low channel 802.11ax 80 5775MHz ]; [Polarity: Horizontal]



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   |          |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector |
| 1   | *   | 5770.250 | 80.35         | 6.32           | 86.67       | 122.2  | -35.53 | peak     |

Test Result: Pass

[Test mode: low channel 802.11ax 80 5775MHz ]; [Polarity: Vertical]



| No. | Mk. | Freq.    | Reading | Correct | Measure- | Limit  | Over   |          |
|-----|-----|----------|---------|---------|----------|--------|--------|----------|
|     |     | MHz      | Level   | Factor  | ment     |        |        | Detector |
|     |     |          | dBuV    | dB      | dBuV/m   | dBuV/m | dB     |          |
| 1   | *   | 5780.375 | 76.33   | 6.54    | 82.87    | 122.2  | -39.33 | peak     |

Test Result: Pass

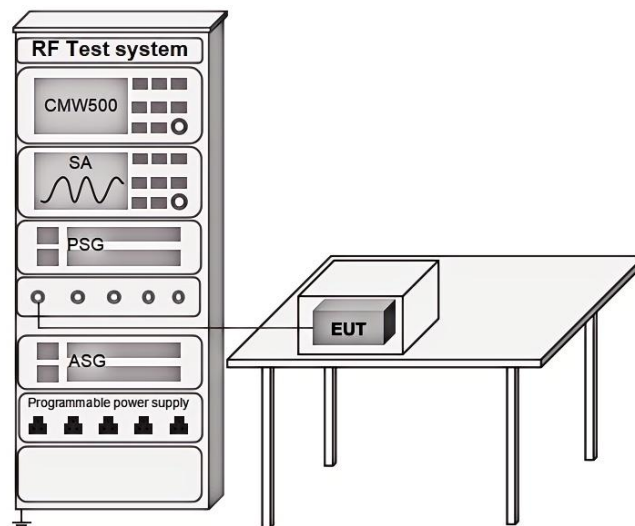
## 6.12 DFS: Channel Closing Transmission Time

|                               |                                        |
|-------------------------------|----------------------------------------|
| <b>Test Standard</b>          | 47 CFR Part 15, Subpart E 15.407(h)(2) |
| <b>Test Method</b>            | KDB 905462 D02 Section 7.8.3           |
| <b>Test Mode (Pre-Scan)</b>   | TX                                     |
| <b>Test Mode (Final Test)</b> | TX                                     |

### 6.12.1 Limit

200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period (should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. It is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions)

### 6.12.2 Test setup



### 6.12.3 Procedure

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file `iperf.exe` specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by:  $Dwell (0.3ms) = S (12000ms) / B (4000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by:  $C (ms) = N \times Dwell (0.3ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

#### 6.12.4 Test data

Pass: Please refer to DFS Test report for details.

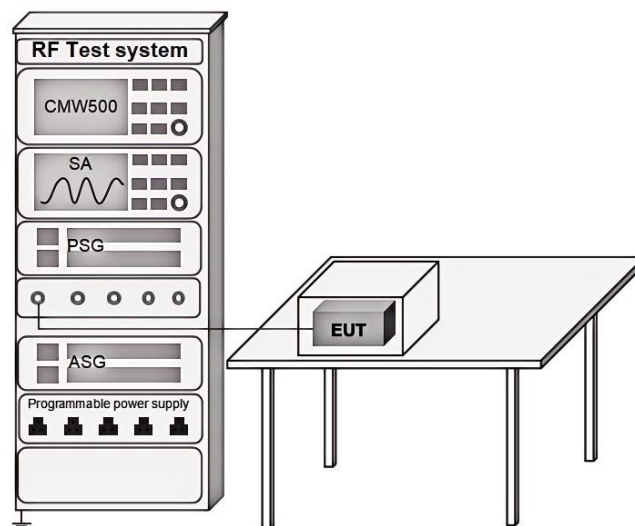
### 6.13 DFS: Non-occupancy period

|                               |                                        |
|-------------------------------|----------------------------------------|
| <b>Test Standard</b>          | 47 CFR Part 15, Subpart E 15.407(h)(2) |
| <b>Test Method</b>            | KDB 905462 D02 Section 7.8.3           |
| <b>Test Mode (Pre-Scan)</b>   | TX                                     |
| <b>Test Mode (Final Test)</b> | TX                                     |

#### 6.13.1 Limit

Minimum 30 minutes

#### 6.13.2 Test setup



#### 6.13.3 Procedure

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file `iperf.exe` specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by:  $Dwell (0.3ms) = S (12000ms) / B (4000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by:  $C (ms) = N \times Dwell (0.3ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

#### 6.13.4 Test data

Pass: Please refer to DFS Test report for details.

## 7 Appendix A

### 7.1 Frequency Stability

| Condition   | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-------------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| 25°C 3.30V  | a    | 5180            | Ant1    | 5180                     | 0                    | 0               | 25          | Pass    |
| 25°C 3.16V  | a    | 5180            | Ant1    | 5180.04                  | 44000.00             | 8.49            | 25          | Pass    |
| 25°C 3.46V  | a    | 5180            | Ant1    | 5180.01                  | 9500.00              | 1.83            | 25          | Pass    |
| -30°C 3.30V | a    | 5180            | Ant1    | 5180                     | 0                    | 0               | 25          | Pass    |
| -20°C 3.30V | a    | 5180            | Ant1    | 5180.02                  | 20000                | 3.86            | 25          | Pass    |
| -10°C 3.30V | a    | 5180            | Ant1    | 5180                     | 0                    | 0               | 25          | Pass    |
| 0°C 3.30V   | a    | 5180            | Ant1    | 5180.01                  | 9500.00              | 1.83            | 25          | Pass    |
| 10°C 3.30V  | a    | 5180            | Ant1    | 5180.03                  | 30500.00             | 5.89            | 25          | Pass    |
| 20°C 3.30V  | a    | 5180            | Ant1    | 5180                     | 0                    | 0               | 25          | Pass    |
| 30°C 3.30V  | a    | 5180            | Ant1    | 5180.04                  | 44000.00             | 8.49            | 25          | Pass    |
| 40°C 3.30V  | a    | 5180            | Ant1    | 5180.01                  | 9500.00              | 1.83            | 25          | Pass    |
| 50°C 3.30V  | a    | 5180            | Ant1    | 5180.03                  | 30500.00             | 5.89            | 25          | Pass    |
| 25°C 3.30V  | a    | 5200            | Ant1    | 5200.02                  | 20000                | 3.85            | 25          | Pass    |
| 25°C 3.16V  | a    | 5200            | Ant1    | 5200.05                  | 46500.00             | 8.94            | 25          | Pass    |
| 25°C 3.46V  | a    | 5200            | Ant1    | 5200.02                  | 20000                | 3.85            | 25          | Pass    |
| -30°C 3.30V | a    | 5200            | Ant1    | 5200.03                  | 33500.00             | 6.44            | 25          | Pass    |
| -20°C 3.30V | a    | 5200            | Ant1    | 5200.01                  | 10000.00             | 1.92            | 25          | Pass    |
| -10°C 3.30V | a    | 5200            | Ant1    | 5200.02                  | 20000                | 3.85            | 25          | Pass    |
| 0°C 3.30V   | a    | 5200            | Ant1    | 5200.01                  | 10000.00             | 1.92            | 25          | Pass    |
| 10°C 3.30V  | a    | 5200            | Ant1    | 5200.01                  | 10000.00             | 1.92            | 25          | Pass    |
| 20°C 3.30V  | a    | 5200            | Ant1    | 5199.94                  | -60000               | -11.54          | 25          | Pass    |
| 30°C 3.30V  | a    | 5200            | Ant1    | 5200.05                  | 46500.00             | 8.94            | 25          | Pass    |
| 40°C 3.30V  | a    | 5200            | Ant1    | 5200.01                  | 10000.00             | 1.92            | 25          | Pass    |
| 50°C 3.30V  | a    | 5200            | Ant1    | 5200.05                  | 46500.00             | 8.94            | 25          | Pass    |
| 25°C 3.30V  | a    | 5240            | Ant1    | 5240                     | 0                    | 0               | 25          | Pass    |
| 25°C 3.16V  | a    | 5240            | Ant1    | 5240                     | 0                    | 0               | 25          | Pass    |
| 25°C 3.46V  | a    | 5240            | Ant1    | 5240                     | 0                    | 0               | 25          | Pass    |
| -30°C 3.30V | a    | 5240            | Ant1    | 5240.01                  | 12500.00             | 2.39            | 25          | Pass    |

|             |   |      |      |         |          |       |    |      |
|-------------|---|------|------|---------|----------|-------|----|------|
| -20°C 3.30V | a | 5240 | Ant1 | 5240.01 | 12500.00 | 2.39  | 25 | Pass |
| -10°C 3.30V | a | 5240 | Ant1 | 5240    | 0        | 0     | 25 | Pass |
| 0°C 3.30V   | a | 5240 | Ant1 | 5240.01 | 12500.00 | 2.39  | 25 | Pass |
| 10°C 3.30V  | a | 5240 | Ant1 | 5240    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | a | 5240 | Ant1 | 5239.98 | -20000   | -3.82 | 25 | Pass |
| 30°C 3.30V  | a | 5240 | Ant1 | 5240    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | a | 5240 | Ant1 | 5240.03 | 28000.00 | 5.34  | 25 | Pass |
| 50°C 3.30V  | a | 5240 | Ant1 | 5240.01 | 12500.00 | 2.39  | 25 | Pass |
| 25°C 3.30V  | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 25°C 3.46V  | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| -30°C 3.30V | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 0°C 3.30V   | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | a | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 25°C 3.16V  | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 25°C 3.46V  | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| -30°C 3.30V | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| -20°C 3.30V | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| -10°C 3.30V | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 0°C 3.30V   | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 10°C 3.30V  | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 20°C 3.30V  | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 30°C 3.30V  | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 40°C 3.30V  | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 50°C 3.30V  | a | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 25°C 3.30V  | a | 5320 | Ant1 | 5320    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | a | 5320 | Ant1 | 5320    | 0        | 0     | 25 | Pass |
| 25°C 3.46V  | a | 5320 | Ant1 | 5320    | 0        | 0     | 25 | Pass |

|             |   |      |      |         |       |      |    |      |
|-------------|---|------|------|---------|-------|------|----|------|
| -30°C 3.30V | a | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| -20°C 3.30V | a | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| -10°C 3.30V | a | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 0°C 3.30V   | a | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | a | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | a | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 30°C 3.30V  | a | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 40°C 3.30V  | a | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 50°C 3.30V  | a | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.16V  | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.46V  | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -30°C 3.30V | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -20°C 3.30V | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -10°C 3.30V | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 0°C 3.30V   | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 30°C 3.30V  | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 40°C 3.30V  | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 50°C 3.30V  | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | a | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 25°C 3.16V  | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 25°C 3.46V  | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| -30°C 3.30V | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| -20°C 3.30V | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| -10°C 3.30V | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 0°C 3.30V   | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 30°C 3.30V  | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 40°C 3.30V  | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 50°C 3.30V  | a | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | a | 5700 | Ant1 | 5700.02 | 20000 | 3.51 | 25 | Pass |

|             |     |      |      |         |          |       |    |      |
|-------------|-----|------|------|---------|----------|-------|----|------|
| 25°C 3.16V  | a   | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 25°C 3.46V  | a   | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| -30°C 3.30V | a   | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| -20°C 3.30V | a   | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| -10°C 3.30V | a   | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 0°C 3.30V   | a   | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 10°C 3.30V  | a   | 5700 | Ant1 | 5700    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | a   | 5700 | Ant1 | 5700    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | a   | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 40°C 3.30V  | a   | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 50°C 3.30V  | a   | 5700 | Ant1 | 5700    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | n20 | 5180 | Ant1 | 5180.02 | 22500.00 | 4.34  | 25 | Pass |
| 25°C 3.16V  | n20 | 5180 | Ant1 | 5180.05 | 47000.00 | 9.07  | 25 | Pass |
| 25°C 3.46V  | n20 | 5180 | Ant1 | 5180.02 | 22500.00 | 4.34  | 25 | Pass |
| -30°C 3.30V | n20 | 5180 | Ant1 | 5180.01 | 10000.00 | 1.93  | 25 | Pass |
| -20°C 3.30V | n20 | 5180 | Ant1 | 5180.04 | 40000    | 7.72  | 25 | Pass |
| -10°C 3.30V | n20 | 5180 | Ant1 | 5180.02 | 22500.00 | 4.34  | 25 | Pass |
| 0°C 3.30V   | n20 | 5180 | Ant1 | 5180.02 | 22500.00 | 4.34  | 25 | Pass |
| 10°C 3.30V  | n20 | 5180 | Ant1 | 5180.01 | 10000.00 | 1.93  | 25 | Pass |
| 20°C 3.30V  | n20 | 5180 | Ant1 | 5179.96 | -40000   | -7.72 | 25 | Pass |
| 30°C 3.30V  | n20 | 5180 | Ant1 | 5180.05 | 47000.00 | 9.07  | 25 | Pass |
| 40°C 3.30V  | n20 | 5180 | Ant1 | 5180.02 | 22500.00 | 4.34  | 25 | Pass |
| 50°C 3.30V  | n20 | 5180 | Ant1 | 5180.01 | 10000.00 | 1.93  | 25 | Pass |
| 25°C 3.30V  | n20 | 5200 | Ant1 | 5200.02 | 20000    | 3.85  | 25 | Pass |
| 25°C 3.16V  | n20 | 5200 | Ant1 | 5200.04 | 43000.00 | 8.27  | 25 | Pass |
| 25°C 3.46V  | n20 | 5200 | Ant1 | 5200.01 | 10500.00 | 2.02  | 25 | Pass |
| -30°C 3.30V | n20 | 5200 | Ant1 | 5200.02 | 20000    | 3.85  | 25 | Pass |
| -20°C 3.30V | n20 | 5200 | Ant1 | 5200.04 | 43000.00 | 8.27  | 25 | Pass |
| -10°C 3.30V | n20 | 5200 | Ant1 | 5200.01 | 10500.00 | 2.02  | 25 | Pass |
| 0°C 3.30V   | n20 | 5200 | Ant1 | 5200.04 | 43000.00 | 8.27  | 25 | Pass |
| 10°C 3.30V  | n20 | 5200 | Ant1 | 5200.04 | 43000.00 | 8.27  | 25 | Pass |
| 20°C 3.30V  | n20 | 5200 | Ant1 | 5199.96 | -40000   | -7.69 | 25 | Pass |
| 30°C 3.30V  | n20 | 5200 | Ant1 | 5200.02 | 20000    | 3.85  | 25 | Pass |
| 40°C 3.30V  | n20 | 5200 | Ant1 | 5200.04 | 43000.00 | 8.27  | 25 | Pass |
| 50°C 3.30V  | n20 | 5200 | Ant1 | 5200.00 | 500.00   | 0.10  | 25 | Pass |

|             |     |      |      |         |          |       |    |      |
|-------------|-----|------|------|---------|----------|-------|----|------|
| 25°C 3.30V  | n20 | 5240 | Ant1 | 5240.04 | 42500.00 | 8.11  | 25 | Pass |
| 25°C 3.16V  | n20 | 5240 | Ant1 | 5240.02 | 18500.00 | 3.53  | 25 | Pass |
| 25°C 3.46V  | n20 | 5240 | Ant1 | 5240.04 | 42500.00 | 8.11  | 25 | Pass |
| -30°C 3.30V | n20 | 5240 | Ant1 | 5240.05 | 46500.00 | 8.87  | 25 | Pass |
| -20°C 3.30V | n20 | 5240 | Ant1 | 5240.06 | 60000    | 11.45 | 25 | Pass |
| -10°C 3.30V | n20 | 5240 | Ant1 | 5240.02 | 18500.00 | 3.53  | 25 | Pass |
| 0°C 3.30V   | n20 | 5240 | Ant1 | 5240    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | n20 | 5240 | Ant1 | 5240    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | n20 | 5240 | Ant1 | 5240    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | n20 | 5240 | Ant1 | 5240    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | n20 | 5240 | Ant1 | 5240.04 | 42500.00 | 8.11  | 25 | Pass |
| 50°C 3.30V  | n20 | 5240 | Ant1 | 5240.05 | 46500.00 | 8.87  | 25 | Pass |
| 25°C 3.30V  | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 25°C 3.46V  | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| -30°C 3.30V | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 0°C 3.30V   | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | n20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | n20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 25°C 3.16V  | n20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 25°C 3.46V  | n20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| -30°C 3.30V | n20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| -20°C 3.30V | n20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| -10°C 3.30V | n20 | 5280 | Ant1 | 5280    | 0        | 0     | 25 | Pass |
| 0°C 3.30V   | n20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 10°C 3.30V  | n20 | 5280 | Ant1 | 5280    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | n20 | 5280 | Ant1 | 5280    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | n20 | 5280 | Ant1 | 5280    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | n20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |

|             |     |      |      |         |       |      |    |      |
|-------------|-----|------|------|---------|-------|------|----|------|
| 50°C 3.30V  | n20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| 25°C 3.30V  | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 25°C 3.16V  | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 25°C 3.46V  | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| -30°C 3.30V | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| -20°C 3.30V | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| -10°C 3.30V | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 0°C 3.30V   | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 30°C 3.30V  | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 40°C 3.30V  | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 50°C 3.30V  | n20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.16V  | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.46V  | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -30°C 3.30V | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -20°C 3.30V | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -10°C 3.30V | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 0°C 3.30V   | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 30°C 3.30V  | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 40°C 3.30V  | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 50°C 3.30V  | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | n20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | n20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 25°C 3.16V  | n20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 25°C 3.46V  | n20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| -30°C 3.30V | n20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| -20°C 3.30V | n20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| -10°C 3.30V | n20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 0°C 3.30V   | n20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | n20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | n20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |

|             |     |      |      |         |          |       |    |      |
|-------------|-----|------|------|---------|----------|-------|----|------|
| 30°C 3.30V  | n20 | 5600 | Ant1 | 5600    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | n20 | 5600 | Ant1 | 5600    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | n20 | 5600 | Ant1 | 5600    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 25°C 3.16V  | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 25°C 3.46V  | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| -30°C 3.30V | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| -20°C 3.30V | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| -10°C 3.30V | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 0°C 3.30V   | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 10°C 3.30V  | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 20°C 3.30V  | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 30°C 3.30V  | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 40°C 3.30V  | n20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 25°C 3.30V  | n40 | 5190 | Ant1 | 5190.02 | 15500.00 | 2.99  | 25 | Pass |
| 25°C 3.16V  | n40 | 5190 | Ant1 | 5190.02 | 15500.00 | 2.99  | 25 | Pass |
| 25°C 3.46V  | n40 | 5190 | Ant1 | 5190.05 | 48000.00 | 9.25  | 25 | Pass |
| -30°C 3.30V | n40 | 5190 | Ant1 | 5190.02 | 21000.00 | 4.05  | 25 | Pass |
| -20°C 3.30V | n40 | 5190 | Ant1 | 5190    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | n40 | 5190 | Ant1 | 5190.05 | 48000.00 | 9.25  | 25 | Pass |
| 0°C 3.30V   | n40 | 5190 | Ant1 | 5190    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | n40 | 5190 | Ant1 | 5190.02 | 15500.00 | 2.99  | 25 | Pass |
| 20°C 3.30V  | n40 | 5190 | Ant1 | 5190    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | n40 | 5190 | Ant1 | 5190.02 | 21000.00 | 4.05  | 25 | Pass |
| 40°C 3.30V  | n40 | 5190 | Ant1 | 5190    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | n40 | 5190 | Ant1 | 5190.02 | 21000.00 | 4.05  | 25 | Pass |
| 25°C 3.30V  | n40 | 5230 | Ant1 | 5230    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | n40 | 5230 | Ant1 | 5230.01 | 7500.00  | 1.43  | 25 | Pass |
| 25°C 3.46V  | n40 | 5230 | Ant1 | 5230.01 | 9000.00  | 1.72  | 25 | Pass |
| -30°C 3.30V | n40 | 5230 | Ant1 | 5230.04 | 41500.00 | 7.93  | 25 | Pass |
| -20°C 3.30V | n40 | 5230 | Ant1 | 5230    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | n40 | 5230 | Ant1 | 5229.96 | -40000   | -7.65 | 25 | Pass |
| 0°C 3.30V   | n40 | 5230 | Ant1 | 5230.01 | 9000.00  | 1.72  | 25 | Pass |
| 10°C 3.30V  | n40 | 5230 | Ant1 | 5230.04 | 41500.00 | 7.93  | 25 | Pass |
| 20°C 3.30V  | n40 | 5230 | Ant1 | 5229.96 | -40000   | -7.65 | 25 | Pass |

|             |     |      |      |         |         |       |    |      |
|-------------|-----|------|------|---------|---------|-------|----|------|
| 30°C 3.30V  | n40 | 5230 | Ant1 | 5230.01 | 7500.00 | 1.43  | 25 | Pass |
| 40°C 3.30V  | n40 | 5230 | Ant1 | 5230.01 | 9000.00 | 1.72  | 25 | Pass |
| 50°C 3.30V  | n40 | 5230 | Ant1 | 5229.96 | -40000  | -7.65 | 25 | Pass |
| 25°C 3.30V  | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| 25°C 3.16V  | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| 25°C 3.46V  | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| -30°C 3.30V | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| -20°C 3.30V | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| -10°C 3.30V | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| 0°C 3.30V   | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| 10°C 3.30V  | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| 20°C 3.30V  | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| 30°C 3.30V  | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| 40°C 3.30V  | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| 50°C 3.30V  | n40 | 5270 | Ant1 | 5270    | 0       | 0     | 25 | Pass |
| 25°C 3.30V  | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| 25°C 3.16V  | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| 25°C 3.46V  | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| -30°C 3.30V | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| -20°C 3.30V | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| -10°C 3.30V | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| 0°C 3.30V   | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| 10°C 3.30V  | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| 20°C 3.30V  | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| 30°C 3.30V  | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| 40°C 3.30V  | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| 50°C 3.30V  | n40 | 5310 | Ant1 | 5310    | 0       | 0     | 25 | Pass |
| 25°C 3.30V  | n40 | 5510 | Ant1 | 5510    | 0       | 0     | 25 | Pass |
| 25°C 3.16V  | n40 | 5510 | Ant1 | 5510    | 0       | 0     | 25 | Pass |
| 25°C 3.46V  | n40 | 5510 | Ant1 | 5510    | 0       | 0     | 25 | Pass |
| -30°C 3.30V | n40 | 5510 | Ant1 | 5510    | 0       | 0     | 25 | Pass |
| -20°C 3.30V | n40 | 5510 | Ant1 | 5510    | 0       | 0     | 25 | Pass |
| -10°C 3.30V | n40 | 5510 | Ant1 | 5510    | 0       | 0     | 25 | Pass |
| 0°C 3.30V   | n40 | 5510 | Ant1 | 5510    | 0       | 0     | 25 | Pass |
| 10°C 3.30V  | n40 | 5510 | Ant1 | 5510    | 0       | 0     | 25 | Pass |

|             |      |      |      |         |          |       |    |      |
|-------------|------|------|------|---------|----------|-------|----|------|
| 20°C 3.30V  | n40  | 5510 | Ant1 | 5510    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | n40  | 5510 | Ant1 | 5510    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | n40  | 5510 | Ant1 | 5510    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | n40  | 5510 | Ant1 | 5510    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| 25°C 3.46V  | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| -30°C 3.30V | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| 0°C 3.30V   | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | n40  | 5590 | Ant1 | 5590    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 25°C 3.46V  | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| -30°C 3.30V | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 0°C 3.30V   | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | n40  | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | ac20 | 5180 | Ant1 | 5180.02 | 20000    | 3.86  | 25 | Pass |
| 25°C 3.16V  | ac20 | 5180 | Ant1 | 5180.02 | 19000.00 | 3.67  | 25 | Pass |
| 25°C 3.46V  | ac20 | 5180 | Ant1 | 5180.00 | 4000.00  | 0.77  | 25 | Pass |
| -30°C 3.30V | ac20 | 5180 | Ant1 | 5180.00 | 3500.00  | 0.68  | 25 | Pass |
| -20°C 3.30V | ac20 | 5180 | Ant1 | 5180.02 | 19000.00 | 3.67  | 25 | Pass |
| -10°C 3.30V | ac20 | 5180 | Ant1 | 5179.98 | -20000   | -3.86 | 25 | Pass |
| 0°C 3.30V   | ac20 | 5180 | Ant1 | 5180.00 | 3500.00  | 0.68  | 25 | Pass |

|             |      |      |      |         |          |        |    |      |
|-------------|------|------|------|---------|----------|--------|----|------|
| 10°C 3.30V  | ac20 | 5180 | Ant1 | 5179.98 | -20000   | -3.86  | 25 | Pass |
| 20°C 3.30V  | ac20 | 5180 | Ant1 | 5179.98 | -20000   | -3.86  | 25 | Pass |
| 30°C 3.30V  | ac20 | 5180 | Ant1 | 5180.00 | 3500.00  | 0.68   | 25 | Pass |
| 40°C 3.30V  | ac20 | 5180 | Ant1 | 5180.00 | 4000.00  | 0.77   | 25 | Pass |
| 50°C 3.30V  | ac20 | 5180 | Ant1 | 5180.00 | 3500.00  | 0.68   | 25 | Pass |
| 25°C 3.30V  | ac20 | 5200 | Ant1 | 5200.02 | 20000    | 3.85   | 25 | Pass |
| 25°C 3.16V  | ac20 | 5200 | Ant1 | 5200.01 | 8500.00  | 1.63   | 25 | Pass |
| 25°C 3.46V  | ac20 | 5200 | Ant1 | 5200.02 | 24000.00 | 4.62   | 25 | Pass |
| -30°C 3.30V | ac20 | 5200 | Ant1 | 5200.02 | 20000    | 3.85   | 25 | Pass |
| -20°C 3.30V | ac20 | 5200 | Ant1 | 5200.03 | 34000.00 | 6.54   | 25 | Pass |
| -10°C 3.30V | ac20 | 5200 | Ant1 | 5200.02 | 24000.00 | 4.62   | 25 | Pass |
| 0°C 3.30V   | ac20 | 5200 | Ant1 | 5200.02 | 20000    | 3.85   | 25 | Pass |
| 10°C 3.30V  | ac20 | 5200 | Ant1 | 5199.94 | -60000   | -11.54 | 25 | Pass |
| 20°C 3.30V  | ac20 | 5200 | Ant1 | 5199.94 | -60000   | -11.54 | 25 | Pass |
| 30°C 3.30V  | ac20 | 5200 | Ant1 | 5200.03 | 34000.00 | 6.54   | 25 | Pass |
| 40°C 3.30V  | ac20 | 5200 | Ant1 | 5200.03 | 34000.00 | 6.54   | 25 | Pass |
| 50°C 3.30V  | ac20 | 5200 | Ant1 | 5200.01 | 8500.00  | 1.63   | 25 | Pass |
| 25°C 3.30V  | ac20 | 5240 | Ant1 | 5240.02 | 20000    | 3.82   | 25 | Pass |
| 25°C 3.16V  | ac20 | 5240 | Ant1 | 5240.01 | 11500.00 | 2.19   | 25 | Pass |
| 25°C 3.46V  | ac20 | 5240 | Ant1 | 5240.05 | 48000.00 | 9.16   | 25 | Pass |
| -30°C 3.30V | ac20 | 5240 | Ant1 | 5240.03 | 29000.00 | 5.53   | 25 | Pass |
| -20°C 3.30V | ac20 | 5240 | Ant1 | 5240.04 | 40500.00 | 7.73   | 25 | Pass |
| -10°C 3.30V | ac20 | 5240 | Ant1 | 5239.98 | -20000   | -3.82  | 25 | Pass |
| 0°C 3.30V   | ac20 | 5240 | Ant1 | 5240.04 | 40500.00 | 7.73   | 25 | Pass |
| 10°C 3.30V  | ac20 | 5240 | Ant1 | 5240.01 | 11500.00 | 2.19   | 25 | Pass |
| 20°C 3.30V  | ac20 | 5240 | Ant1 | 5239.98 | -20000   | -3.82  | 25 | Pass |
| 30°C 3.30V  | ac20 | 5240 | Ant1 | 5240.03 | 29000.00 | 5.53   | 25 | Pass |
| 40°C 3.30V  | ac20 | 5240 | Ant1 | 5240.05 | 48000.00 | 9.16   | 25 | Pass |
| 50°C 3.30V  | ac20 | 5240 | Ant1 | 5240.03 | 29000.00 | 5.53   | 25 | Pass |
| 25°C 3.30V  | ac20 | 5260 | Ant1 | 5260    | 0        | 0      | 25 | Pass |
| 25°C 3.16V  | ac20 | 5260 | Ant1 | 5260    | 0        | 0      | 25 | Pass |
| 25°C 3.46V  | ac20 | 5260 | Ant1 | 5260    | 0        | 0      | 25 | Pass |
| -30°C 3.30V | ac20 | 5260 | Ant1 | 5260    | 0        | 0      | 25 | Pass |
| -20°C 3.30V | ac20 | 5260 | Ant1 | 5260    | 0        | 0      | 25 | Pass |
| -10°C 3.30V | ac20 | 5260 | Ant1 | 5260    | 0        | 0      | 25 | Pass |

|             |      |      |      |         |       |      |    |      |
|-------------|------|------|------|---------|-------|------|----|------|
| 0°C 3.30V   | ac20 | 5260 | Ant1 | 5260    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | ac20 | 5260 | Ant1 | 5260    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | ac20 | 5260 | Ant1 | 5260    | 0     | 0    | 25 | Pass |
| 30°C 3.30V  | ac20 | 5260 | Ant1 | 5260    | 0     | 0    | 25 | Pass |
| 40°C 3.30V  | ac20 | 5260 | Ant1 | 5260    | 0     | 0    | 25 | Pass |
| 50°C 3.30V  | ac20 | 5260 | Ant1 | 5260    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| 25°C 3.16V  | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| 25°C 3.46V  | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| -30°C 3.30V | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| -20°C 3.30V | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| -10°C 3.30V | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| 0°C 3.30V   | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| 10°C 3.30V  | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| 20°C 3.30V  | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| 30°C 3.30V  | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| 40°C 3.30V  | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| 50°C 3.30V  | ac20 | 5280 | Ant1 | 5280.02 | 20000 | 3.79 | 25 | Pass |
| 25°C 3.30V  | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 25°C 3.16V  | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 25°C 3.46V  | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| -30°C 3.30V | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| -20°C 3.30V | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| -10°C 3.30V | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 0°C 3.30V   | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 30°C 3.30V  | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 40°C 3.30V  | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 50°C 3.30V  | ac20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | ac20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.16V  | ac20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.46V  | ac20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -30°C 3.30V | ac20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -20°C 3.30V | ac20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |

|             |      |      |      |         |          |      |    |      |
|-------------|------|------|------|---------|----------|------|----|------|
| -10°C 3.30V | ac20 | 5500 | Ant1 | 5500    | 0        | 0    | 25 | Pass |
| 0°C 3.30V   | ac20 | 5500 | Ant1 | 5500    | 0        | 0    | 25 | Pass |
| 10°C 3.30V  | ac20 | 5500 | Ant1 | 5500    | 0        | 0    | 25 | Pass |
| 20°C 3.30V  | ac20 | 5500 | Ant1 | 5500    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ac20 | 5500 | Ant1 | 5500    | 0        | 0    | 25 | Pass |
| 40°C 3.30V  | ac20 | 5500 | Ant1 | 5500    | 0        | 0    | 25 | Pass |
| 50°C 3.30V  | ac20 | 5500 | Ant1 | 5500    | 0        | 0    | 25 | Pass |
| 25°C 3.30V  | ac20 | 5500 | Ant1 | 5500    | 0        | 0    | 25 | Pass |
| 25°C 3.30V  | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| 25°C 3.16V  | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| 25°C 3.46V  | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| -30°C 3.30V | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| -20°C 3.30V | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| -10°C 3.30V | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| 0°C 3.30V   | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| 10°C 3.30V  | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| 20°C 3.30V  | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| 40°C 3.30V  | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| 50°C 3.30V  | ac20 | 5600 | Ant1 | 5600    | 0        | 0    | 25 | Pass |
| 25°C 3.30V  | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| 25°C 3.16V  | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| 25°C 3.46V  | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| -30°C 3.30V | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| -20°C 3.30V | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| -10°C 3.30V | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| 0°C 3.30V   | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| 10°C 3.30V  | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| 20°C 3.30V  | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| 30°C 3.30V  | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| 40°C 3.30V  | ac20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51 | 25 | Pass |
| 25°C 3.30V  | ac40 | 5190 | Ant1 | 5190.04 | 40000    | 7.71 | 25 | Pass |
| 25°C 3.16V  | ac40 | 5190 | Ant1 | 5190.01 | 10000.00 | 1.93 | 25 | Pass |
| 25°C 3.46V  | ac40 | 5190 | Ant1 | 5190.05 | 48500.00 | 9.34 | 25 | Pass |
| -30°C 3.30V | ac40 | 5190 | Ant1 | 5190    | 0        | 0    | 25 | Pass |

|             |      |      |      |         |          |      |    |      |
|-------------|------|------|------|---------|----------|------|----|------|
| -20°C 3.30V | ac40 | 5190 | Ant1 | 5190.04 | 40000    | 7.71 | 25 | Pass |
| -10°C 3.30V | ac40 | 5190 | Ant1 | 5190    | 0        | 0    | 25 | Pass |
| 0°C 3.30V   | ac40 | 5190 | Ant1 | 5190.05 | 48500.00 | 9.34 | 25 | Pass |
| 10°C 3.30V  | ac40 | 5190 | Ant1 | 5190.01 | 7500.00  | 1.45 | 25 | Pass |
| 20°C 3.30V  | ac40 | 5190 | Ant1 | 5190    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ac40 | 5190 | Ant1 | 5190.01 | 10000.00 | 1.93 | 25 | Pass |
| 40°C 3.30V  | ac40 | 5190 | Ant1 | 5190.05 | 48500.00 | 9.34 | 25 | Pass |
| 50°C 3.30V  | ac40 | 5190 | Ant1 | 5190.01 | 7500.00  | 1.45 | 25 | Pass |
| 25°C 3.30V  | ac40 | 5230 | Ant1 | 5230.04 | 40000    | 7.65 | 25 | Pass |
| 25°C 3.16V  | ac40 | 5230 | Ant1 | 5230.03 | 25500.00 | 4.88 | 25 | Pass |
| 25°C 3.46V  | ac40 | 5230 | Ant1 | 5230.01 | 7000.00  | 1.34 | 25 | Pass |
| -30°C 3.30V | ac40 | 5230 | Ant1 | 5230.01 | 7000.00  | 1.34 | 25 | Pass |
| -20°C 3.30V | ac40 | 5230 | Ant1 | 5230    | 0        | 0    | 25 | Pass |
| -10°C 3.30V | ac40 | 5230 | Ant1 | 5230.04 | 40000    | 7.65 | 25 | Pass |
| 0°C 3.30V   | ac40 | 5230 | Ant1 | 5230    | 0        | 0    | 25 | Pass |
| 10°C 3.30V  | ac40 | 5230 | Ant1 | 5230.01 | 7000.00  | 1.34 | 25 | Pass |
| 20°C 3.30V  | ac40 | 5230 | Ant1 | 5230    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ac40 | 5230 | Ant1 | 5230.04 | 40500.00 | 7.74 | 25 | Pass |
| 40°C 3.30V  | ac40 | 5230 | Ant1 | 5230.03 | 25500.00 | 4.88 | 25 | Pass |
| 50°C 3.30V  | ac40 | 5230 | Ant1 | 5230.01 | 7000.00  | 1.34 | 25 | Pass |
| 25°C 3.30V  | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| 25°C 3.16V  | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| 25°C 3.46V  | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| -30°C 3.30V | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| -20°C 3.30V | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| -10°C 3.30V | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| 0°C 3.30V   | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| 10°C 3.30V  | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| 20°C 3.30V  | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| 40°C 3.30V  | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| 50°C 3.30V  | ac40 | 5270 | Ant1 | 5270    | 0        | 0    | 25 | Pass |
| 25°C 3.30V  | ac40 | 5310 | Ant1 | 5310    | 0        | 0    | 25 | Pass |
| 25°C 3.16V  | ac40 | 5310 | Ant1 | 5310    | 0        | 0    | 25 | Pass |
| 25°C 3.46V  | ac40 | 5310 | Ant1 | 5310    | 0        | 0    | 25 | Pass |

|             |      |      |      |      |   |   |    |      |
|-------------|------|------|------|------|---|---|----|------|
| -30°C 3.30V | ac40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| -20°C 3.30V | ac40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| -10°C 3.30V | ac40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 0°C 3.30V   | ac40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 10°C 3.30V  | ac40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 20°C 3.30V  | ac40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 30°C 3.30V  | ac40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 40°C 3.30V  | ac40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 50°C 3.30V  | ac40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 25°C 3.30V  | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 25°C 3.16V  | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 25°C 3.46V  | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| -30°C 3.30V | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| -20°C 3.30V | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| -10°C 3.30V | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 0°C 3.30V   | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 10°C 3.30V  | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 20°C 3.30V  | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 30°C 3.30V  | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 40°C 3.30V  | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 50°C 3.30V  | ac40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 25°C 3.30V  | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| 25°C 3.16V  | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| 25°C 3.46V  | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| -30°C 3.30V | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| -20°C 3.30V | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| -10°C 3.30V | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| 0°C 3.30V   | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| 10°C 3.30V  | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| 20°C 3.30V  | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| 30°C 3.30V  | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| 40°C 3.30V  | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| 50°C 3.30V  | ac40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |
| 25°C 3.30V  | ac40 | 5670 | Ant1 | 5670 | 0 | 0 | 25 | Pass |
| 25°C 3.16V  | ac40 | 5670 | Ant1 | 5670 | 0 | 0 | 25 | Pass |

|             |      |      |      |         |          |       |    |      |
|-------------|------|------|------|---------|----------|-------|----|------|
| 25°C 3.46V  | ac40 | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| -30°C 3.30V | ac40 | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | ac40 | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | ac40 | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 0°C 3.30V   | ac40 | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | ac40 | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | ac40 | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | ac40 | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | ac40 | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | ac40 | 5670 | Ant1 | 5670    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | ac80 | 5210 | Ant1 | 5210.08 | 80000    | 15.36 | 25 | Pass |
| 25°C 3.16V  | ac80 | 5210 | Ant1 | 5210.01 | 10000.00 | 1.92  | 25 | Pass |
| 25°C 3.46V  | ac80 | 5210 | Ant1 | 5210.03 | 32500.00 | 6.24  | 25 | Pass |
| -30°C 3.30V | ac80 | 5210 | Ant1 | 5210.02 | 15000.00 | 2.88  | 25 | Pass |
| -20°C 3.30V | ac80 | 5210 | Ant1 | 5210    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | ac80 | 5210 | Ant1 | 5210.08 | 80000    | 15.36 | 25 | Pass |
| 0°C 3.30V   | ac80 | 5210 | Ant1 | 5210.01 | 10000.00 | 1.92  | 25 | Pass |
| 10°C 3.30V  | ac80 | 5210 | Ant1 | 5210.03 | 32500.00 | 6.24  | 25 | Pass |
| 20°C 3.30V  | ac80 | 5210 | Ant1 | 5210    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | ac80 | 5210 | Ant1 | 5210.00 | 4500.00  | 0.86  | 25 | Pass |
| 40°C 3.30V  | ac80 | 5210 | Ant1 | 5210.02 | 15000.00 | 2.88  | 25 | Pass |
| 50°C 3.30V  | ac80 | 5210 | Ant1 | 5210.00 | 4500.00  | 0.86  | 25 | Pass |
| 25°C 3.30V  | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| 25°C 3.46V  | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| -30°C 3.30V | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| 0°C 3.30V   | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | ac80 | 5290 | Ant1 | 5290    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |

|             |      |      |      |         |          |       |    |      |
|-------------|------|------|------|---------|----------|-------|----|------|
| 25°C 3.16V  | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| 25°C 3.46V  | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| -30°C 3.30V | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| 0°C 3.30V   | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | ac80 | 5530 | Ant1 | 5530    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | a    | 5745 | Ant1 | 5745.02 | 17000.00 | 2.96  | 25 | Pass |
| 25°C 3.16V  | a    | 5745 | Ant1 | 5745.01 | 7000.00  | 1.22  | 25 | Pass |
| 25°C 3.46V  | a    | 5745 | Ant1 | 5745.04 | 36500.00 | 6.35  | 25 | Pass |
| -30°C 3.30V | a    | 5745 | Ant1 | 5745.02 | 17000.00 | 2.96  | 25 | Pass |
| -20°C 3.30V | a    | 5745 | Ant1 | 5745.01 | 7000.00  | 1.22  | 25 | Pass |
| -10°C 3.30V | a    | 5745 | Ant1 | 5745.04 | 36500.00 | 6.35  | 25 | Pass |
| 0°C 3.30V   | a    | 5745 | Ant1 | 5745.01 | 7000.00  | 1.22  | 25 | Pass |
| 10°C 3.30V  | a    | 5745 | Ant1 | 5745.04 | 36500.00 | 6.35  | 25 | Pass |
| 20°C 3.30V  | a    | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 30°C 3.30V  | a    | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 40°C 3.30V  | a    | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 50°C 3.30V  | a    | 5745 | Ant1 | 5745.04 | 36500.00 | 6.35  | 25 | Pass |
| 25°C 3.30V  | a    | 5785 | Ant1 | 5785.01 | 11000.00 | 1.90  | 25 | Pass |
| 25°C 3.16V  | a    | 5785 | Ant1 | 5785.01 | 12000.00 | 2.07  | 25 | Pass |
| 25°C 3.46V  | a    | 5785 | Ant1 | 5785.01 | 11500.00 | 1.99  | 25 | Pass |
| -30°C 3.30V | a    | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| -20°C 3.30V | a    | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| -10°C 3.30V | a    | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| 0°C 3.30V   | a    | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 10°C 3.30V  | a    | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 20°C 3.30V  | a    | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 30°C 3.30V  | a    | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 40°C 3.30V  | a    | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| 50°C 3.30V  | a    | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |

|             |     |      |      |         |          |       |    |      |
|-------------|-----|------|------|---------|----------|-------|----|------|
| 25°C 3.30V  | a   | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 25°C 3.16V  | a   | 5825 | Ant1 | 5825.00 | 2000.00  | 0.34  | 25 | Pass |
| 25°C 3.46V  | a   | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| -30°C 3.30V | a   | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| -20°C 3.30V | a   | 5825 | Ant1 | 5825.00 | 2000.00  | 0.34  | 25 | Pass |
| -10°C 3.30V | a   | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 0°C 3.30V   | a   | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 10°C 3.30V  | a   | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 20°C 3.30V  | a   | 5825 | Ant1 | 5824.98 | -20000   | -3.43 | 25 | Pass |
| 30°C 3.30V  | a   | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 40°C 3.30V  | a   | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 50°C 3.30V  | a   | 5825 | Ant1 | 5825.00 | 2000.00  | 0.34  | 25 | Pass |
| 25°C 3.30V  | n20 | 5745 | Ant1 | 5745.01 | 14000.00 | 2.44  | 25 | Pass |
| 25°C 3.16V  | n20 | 5745 | Ant1 | 5745.01 | 14500.00 | 2.52  | 25 | Pass |
| 25°C 3.46V  | n20 | 5745 | Ant1 | 5745.01 | 14500.00 | 2.52  | 25 | Pass |
| -30°C 3.30V | n20 | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| -20°C 3.30V | n20 | 5745 | Ant1 | 5745.01 | 14000.00 | 2.44  | 25 | Pass |
| -10°C 3.30V | n20 | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 0°C 3.30V   | n20 | 5745 | Ant1 | 5745.01 | 14500.00 | 2.52  | 25 | Pass |
| 10°C 3.30V  | n20 | 5745 | Ant1 | 5745.01 | 14000.00 | 2.44  | 25 | Pass |
| 20°C 3.30V  | n20 | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 30°C 3.30V  | n20 | 5745 | Ant1 | 5745.01 | 14000.00 | 2.44  | 25 | Pass |
| 40°C 3.30V  | n20 | 5745 | Ant1 | 5745.01 | 14500.00 | 2.52  | 25 | Pass |
| 50°C 3.30V  | n20 | 5745 | Ant1 | 5745.01 | 14500.00 | 2.52  | 25 | Pass |
| 25°C 3.30V  | n20 | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| 25°C 3.16V  | n20 | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| 25°C 3.46V  | n20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| -30°C 3.30V | n20 | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| -20°C 3.30V | n20 | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| -10°C 3.30V | n20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 0°C 3.30V   | n20 | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| 10°C 3.30V  | n20 | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| 20°C 3.30V  | n20 | 5785 | Ant1 | 5785    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | n20 | 5785 | Ant1 | 5785    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | n20 | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |

|             |     |      |      |         |          |       |    |      |
|-------------|-----|------|------|---------|----------|-------|----|------|
| 50°C 3.30V  | n20 | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| 25°C 3.30V  | n20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 25°C 3.16V  | n20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 25°C 3.46V  | n20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| -30°C 3.30V | n20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| -20°C 3.30V | n20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| -10°C 3.30V | n20 | 5825 | Ant1 | 5825.00 | 2000.00  | 0.34  | 25 | Pass |
| 0°C 3.30V   | n20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 10°C 3.30V  | n20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 20°C 3.30V  | n20 | 5825 | Ant1 | 5824.98 | -20000   | -3.43 | 25 | Pass |
| 30°C 3.30V  | n20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 40°C 3.30V  | n20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 50°C 3.30V  | n20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 25°C 3.30V  | n40 | 5755 | Ant1 | 5755.02 | 17500.00 | 3.04  | 25 | Pass |
| 25°C 3.16V  | n40 | 5755 | Ant1 | 5755.01 | 8000.00  | 1.39  | 25 | Pass |
| 25°C 3.46V  | n40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00  | 25 | Pass |
| -30°C 3.30V | n40 | 5755 | Ant1 | 5755    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | n40 | 5755 | Ant1 | 5755.02 | 17500.00 | 3.04  | 25 | Pass |
| -10°C 3.30V | n40 | 5755 | Ant1 | 5755.02 | 17500.00 | 3.04  | 25 | Pass |
| 0°C 3.30V   | n40 | 5755 | Ant1 | 5755.01 | 8000.00  | 1.39  | 25 | Pass |
| 10°C 3.30V  | n40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00  | 25 | Pass |
| 20°C 3.30V  | n40 | 5755 | Ant1 | 5755    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | n40 | 5755 | Ant1 | 5755.02 | 17500.00 | 3.04  | 25 | Pass |
| 40°C 3.30V  | n40 | 5755 | Ant1 | 5755.01 | 8000.00  | 1.39  | 25 | Pass |
| 50°C 3.30V  | n40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00  | 25 | Pass |
| 25°C 3.30V  | n40 | 5795 | Ant1 | 5795    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | n40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62  | 25 | Pass |
| 25°C 3.46V  | n40 | 5795 | Ant1 | 5795.02 | 16500.00 | 2.85  | 25 | Pass |
| -30°C 3.30V | n40 | 5795 | Ant1 | 5795    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | n40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62  | 25 | Pass |
| -10°C 3.30V | n40 | 5795 | Ant1 | 5795.02 | 16500.00 | 2.85  | 25 | Pass |
| 0°C 3.30V   | n40 | 5795 | Ant1 | 5795    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | n40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62  | 25 | Pass |
| 20°C 3.30V  | n40 | 5795 | Ant1 | 5795    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | n40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62  | 25 | Pass |

|             |      |      |      |         |          |       |    |      |
|-------------|------|------|------|---------|----------|-------|----|------|
| 40°C 3.30V  | n40  | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62  | 25 | Pass |
| 50°C 3.30V  | n40  | 5795 | Ant1 | 5795    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | ac20 | 5745 | Ant1 | 5745.01 | 14500.00 | 2.52  | 25 | Pass |
| 25°C 3.16V  | ac20 | 5745 | Ant1 | 5745.01 | 14000.00 | 2.44  | 25 | Pass |
| 25°C 3.46V  | ac20 | 5745 | Ant1 | 5745.01 | 14500.00 | 2.52  | 25 | Pass |
| -30°C 3.30V | ac20 | 5745 | Ant1 | 5745.01 | 14500.00 | 2.52  | 25 | Pass |
| -20°C 3.30V | ac20 | 5745 | Ant1 | 5745.01 | 14000.00 | 2.44  | 25 | Pass |
| -10°C 3.30V | ac20 | 5745 | Ant1 | 5745.01 | 14500.00 | 2.52  | 25 | Pass |
| 0°C 3.30V   | ac20 | 5745 | Ant1 | 5745.01 | 14000.00 | 2.44  | 25 | Pass |
| 10°C 3.30V  | ac20 | 5745 | Ant1 | 5745.01 | 14500.00 | 2.52  | 25 | Pass |
| 20°C 3.30V  | ac20 | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 30°C 3.30V  | ac20 | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 40°C 3.30V  | ac20 | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 50°C 3.30V  | ac20 | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 25°C 3.30V  | ac20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 25°C 3.16V  | ac20 | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| 25°C 3.46V  | ac20 | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| -30°C 3.30V | ac20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| -20°C 3.30V | ac20 | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| -10°C 3.30V | ac20 | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| 0°C 3.30V   | ac20 | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| 10°C 3.30V  | ac20 | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| 20°C 3.30V  | ac20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 30°C 3.30V  | ac20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 40°C 3.30V  | ac20 | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| 50°C 3.30V  | ac20 | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| 25°C 3.30V  | ac20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 25°C 3.16V  | ac20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 25°C 3.46V  | ac20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| -30°C 3.30V | ac20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| -20°C 3.30V | ac20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| -10°C 3.30V | ac20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 0°C 3.30V   | ac20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 10°C 3.30V  | ac20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 20°C 3.30V  | ac20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |

|             |      |      |      |         |          |      |    |      |
|-------------|------|------|------|---------|----------|------|----|------|
| 30°C 3.30V  | ac20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23 | 25 | Pass |
| 40°C 3.30V  | ac20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38 | 25 | Pass |
| 50°C 3.30V  | ac20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38 | 25 | Pass |
| 25°C 3.30V  | ac40 | 5755 | Ant1 | 5755.02 | 17500.00 | 3.04 | 25 | Pass |
| 25°C 3.16V  | ac40 | 5755 | Ant1 | 5755.01 | 8000.00  | 1.39 | 25 | Pass |
| 25°C 3.46V  | ac40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00 | 25 | Pass |
| -30°C 3.30V | ac40 | 5755 | Ant1 | 5755    | 0        | 0    | 25 | Pass |
| -20°C 3.30V | ac40 | 5755 | Ant1 | 5755.02 | 17500.00 | 3.04 | 25 | Pass |
| -10°C 3.30V | ac40 | 5755 | Ant1 | 5755.01 | 8000.00  | 1.39 | 25 | Pass |
| 0°C 3.30V   | ac40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00 | 25 | Pass |
| 10°C 3.30V  | ac40 | 5755 | Ant1 | 5755    | 0        | 0    | 25 | Pass |
| 20°C 3.30V  | ac40 | 5755 | Ant1 | 5755    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ac40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00 | 25 | Pass |
| 40°C 3.30V  | ac40 | 5755 | Ant1 | 5755    | 0        | 0    | 25 | Pass |
| 50°C 3.30V  | ac40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00 | 25 | Pass |
| 25°C 3.30V  | ac40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62 | 25 | Pass |
| 25°C 3.16V  | ac40 | 5795 | Ant1 | 5795.02 | 16500.00 | 2.85 | 25 | Pass |
| 25°C 3.46V  | ac40 | 5795 | Ant1 | 5795    | 0        | 0    | 25 | Pass |
| -30°C 3.30V | ac40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62 | 25 | Pass |
| -20°C 3.30V | ac40 | 5795 | Ant1 | 5795.02 | 16500.00 | 2.85 | 25 | Pass |
| -10°C 3.30V | ac40 | 5795 | Ant1 | 5795    | 0        | 0    | 25 | Pass |
| 0°C 3.30V   | ac40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62 | 25 | Pass |
| 10°C 3.30V  | ac40 | 5795 | Ant1 | 5795.02 | 16500.00 | 2.85 | 25 | Pass |
| 20°C 3.30V  | ac40 | 5795 | Ant1 | 5795    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ac40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62 | 25 | Pass |
| 40°C 3.30V  | ac40 | 5795 | Ant1 | 5795.02 | 16500.00 | 2.85 | 25 | Pass |
| 50°C 3.30V  | ac40 | 5795 | Ant1 | 5795    | 0        | 0    | 25 | Pass |
| 25°C 3.30V  | ac80 | 5775 | Ant1 | 5775.04 | 43500.00 | 7.53 | 25 | Pass |
| 25°C 3.16V  | ac80 | 5775 | Ant1 | 5775    | 0        | 0    | 25 | Pass |
| 25°C 3.46V  | ac80 | 5775 | Ant1 | 5775.01 | 6000.00  | 1.04 | 25 | Pass |
| -30°C 3.30V | ac80 | 5775 | Ant1 | 5775.02 | 24500.00 | 4.24 | 25 | Pass |
| -20°C 3.30V | ac80 | 5775 | Ant1 | 5775.04 | 43500.00 | 7.53 | 25 | Pass |
| -10°C 3.30V | ac80 | 5775 | Ant1 | 5775.04 | 43500.00 | 7.53 | 25 | Pass |
| 0°C 3.30V   | ac80 | 5775 | Ant1 | 5775    | 0        | 0    | 25 | Pass |
| 10°C 3.30V  | ac80 | 5775 | Ant1 | 5775.04 | 43500.00 | 7.53 | 25 | Pass |

|             |      |      |      |         |          |       |    |      |
|-------------|------|------|------|---------|----------|-------|----|------|
| 20°C 3.30V  | ac80 | 5775 | Ant1 | 5775    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | ac80 | 5775 | Ant1 | 5775.01 | 6000.00  | 1.04  | 25 | Pass |
| 40°C 3.30V  | ac80 | 5775 | Ant1 | 5775.02 | 24500.00 | 4.24  | 25 | Pass |
| 50°C 3.30V  | ac80 | 5775 | Ant1 | 5775.04 | 43500.00 | 7.53  | 25 | Pass |
| 25°C 3.30V  | ax20 | 5180 | Ant1 | 5180.02 | 22500.00 | 4.34  | 25 | Pass |
| 25°C 3.16V  | ax20 | 5180 | Ant1 | 5180.05 | 47000.00 | 9.07  | 25 | Pass |
| 25°C 3.46V  | ax20 | 5180 | Ant1 | 5180.02 | 22500.00 | 4.34  | 25 | Pass |
| -30°C 3.30V | ax20 | 5180 | Ant1 | 5180.01 | 10000.00 | 1.93  | 25 | Pass |
| -20°C 3.30V | ax20 | 5180 | Ant1 | 5180.04 | 40000    | 7.72  | 25 | Pass |
| -10°C 3.30V | ax20 | 5180 | Ant1 | 5180.02 | 22500.00 | 4.34  | 25 | Pass |
| 0°C 3.30V   | ax20 | 5180 | Ant1 | 5180.02 | 22500.00 | 4.34  | 25 | Pass |
| 10°C 3.30V  | ax20 | 5180 | Ant1 | 5180.01 | 10000.00 | 1.93  | 25 | Pass |
| 20°C 3.30V  | ax20 | 5180 | Ant1 | 5179.96 | -40000   | -7.72 | 25 | Pass |
| 30°C 3.30V  | ax20 | 5180 | Ant1 | 5180.05 | 47000.00 | 9.07  | 25 | Pass |
| 40°C 3.30V  | ax20 | 5180 | Ant1 | 5180.02 | 22500.00 | 4.34  | 25 | Pass |
| 50°C 3.30V  | ax20 | 5180 | Ant1 | 5180.01 | 10000.00 | 1.93  | 25 | Pass |
| 25°C 3.30V  | ax20 | 5200 | Ant1 | 5200.02 | 20000    | 3.85  | 25 | Pass |
| 25°C 3.16V  | ax20 | 5200 | Ant1 | 5200.04 | 43000.00 | 8.27  | 25 | Pass |
| 25°C 3.46V  | ax20 | 5200 | Ant1 | 5200.01 | 10500.00 | 2.02  | 25 | Pass |
| -30°C 3.30V | ax20 | 5200 | Ant1 | 5200.02 | 20000    | 3.85  | 25 | Pass |
| -20°C 3.30V | ax20 | 5200 | Ant1 | 5200.04 | 43000.00 | 8.27  | 25 | Pass |
| -10°C 3.30V | ax20 | 5200 | Ant1 | 5200.01 | 10500.00 | 2.02  | 25 | Pass |
| 0°C 3.30V   | ax20 | 5200 | Ant1 | 5200.04 | 43000.00 | 8.27  | 25 | Pass |
| 10°C 3.30V  | ax20 | 5200 | Ant1 | 5200.04 | 43000.00 | 8.27  | 25 | Pass |
| 20°C 3.30V  | ax20 | 5200 | Ant1 | 5199.96 | -40000   | -7.69 | 25 | Pass |
| 30°C 3.30V  | ax20 | 5200 | Ant1 | 5200.02 | 20000    | 3.85  | 25 | Pass |
| 40°C 3.30V  | ax20 | 5200 | Ant1 | 5200.04 | 43000.00 | 8.27  | 25 | Pass |
| 50°C 3.30V  | ax20 | 5200 | Ant1 | 5200.00 | 500.00   | 0.10  | 25 | Pass |
| 25°C 3.30V  | ax20 | 5240 | Ant1 | 5240.04 | 42500.00 | 8.11  | 25 | Pass |
| 25°C 3.16V  | ax20 | 5240 | Ant1 | 5240.02 | 18500.00 | 3.53  | 25 | Pass |
| 25°C 3.46V  | ax20 | 5240 | Ant1 | 5240.04 | 42500.00 | 8.11  | 25 | Pass |
| -30°C 3.30V | ax20 | 5240 | Ant1 | 5240.05 | 46500.00 | 8.87  | 25 | Pass |
| -20°C 3.30V | ax20 | 5240 | Ant1 | 5240.06 | 60000    | 11.45 | 25 | Pass |
| -10°C 3.30V | ax20 | 5240 | Ant1 | 5240.02 | 18500.00 | 3.53  | 25 | Pass |
| 0°C 3.30V   | ax20 | 5240 | Ant1 | 5240.04 | 42500.00 | 8.11  | 25 | Pass |

|             |      |      |      |         |          |       |    |      |
|-------------|------|------|------|---------|----------|-------|----|------|
| 10°C 3.30V  | ax20 | 5240 | Ant1 | 5240.05 | 46500.00 | 8.87  | 25 | Pass |
| 20°C 3.30V  | ax20 | 5240 | Ant1 | 5239.98 | -20000   | -3.82 | 25 | Pass |
| 30°C 3.30V  | ax20 | 5240 | Ant1 | 5240.05 | 46500.00 | 8.87  | 25 | Pass |
| 40°C 3.30V  | ax20 | 5240 | Ant1 | 5240.04 | 42500.00 | 8.11  | 25 | Pass |
| 50°C 3.30V  | ax20 | 5240 | Ant1 | 5240.05 | 46500.00 | 8.87  | 25 | Pass |
| 25°C 3.30V  | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 25°C 3.46V  | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| -30°C 3.30V | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 0°C 3.30V   | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 20°C 3.30V  | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 40°C 3.30V  | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | ax20 | 5260 | Ant1 | 5260    | 0        | 0     | 25 | Pass |
| 25°C 3.30V  | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 25°C 3.16V  | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 25°C 3.46V  | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| -30°C 3.30V | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| -20°C 3.30V | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| -10°C 3.30V | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 0°C 3.30V   | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 10°C 3.30V  | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 20°C 3.30V  | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 30°C 3.30V  | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 40°C 3.30V  | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 50°C 3.30V  | ax20 | 5280 | Ant1 | 5280.02 | 20000    | 3.79  | 25 | Pass |
| 25°C 3.30V  | ax20 | 5320 | Ant1 | 5320    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | ax20 | 5320 | Ant1 | 5320    | 0        | 0     | 25 | Pass |
| 25°C 3.46V  | ax20 | 5320 | Ant1 | 5320    | 0        | 0     | 25 | Pass |
| -30°C 3.30V | ax20 | 5320 | Ant1 | 5320    | 0        | 0     | 25 | Pass |
| -20°C 3.30V | ax20 | 5320 | Ant1 | 5320    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | ax20 | 5320 | Ant1 | 5320    | 0        | 0     | 25 | Pass |

|             |      |      |      |         |       |      |    |      |
|-------------|------|------|------|---------|-------|------|----|------|
| 0°C 3.30V   | ax20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | ax20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | ax20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 30°C 3.30V  | ax20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 40°C 3.30V  | ax20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 50°C 3.30V  | ax20 | 5320 | Ant1 | 5320    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.16V  | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.46V  | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -30°C 3.30V | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -20°C 3.30V | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| -10°C 3.30V | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 0°C 3.30V   | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 30°C 3.30V  | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 40°C 3.30V  | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 50°C 3.30V  | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | ax20 | 5500 | Ant1 | 5500    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 25°C 3.16V  | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 25°C 3.46V  | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| -30°C 3.30V | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| -20°C 3.30V | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| -10°C 3.30V | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 0°C 3.30V   | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 10°C 3.30V  | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 20°C 3.30V  | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 30°C 3.30V  | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 40°C 3.30V  | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 50°C 3.30V  | ax20 | 5600 | Ant1 | 5600    | 0     | 0    | 25 | Pass |
| 25°C 3.30V  | ax20 | 5700 | Ant1 | 5700.02 | 20000 | 3.51 | 25 | Pass |
| 25°C 3.16V  | ax20 | 5700 | Ant1 | 5700.02 | 20000 | 3.51 | 25 | Pass |
| 25°C 3.46V  | ax20 | 5700 | Ant1 | 5700.02 | 20000 | 3.51 | 25 | Pass |
| -30°C 3.30V | ax20 | 5700 | Ant1 | 5700.02 | 20000 | 3.51 | 25 | Pass |

|             |      |      |      |         |          |       |    |      |
|-------------|------|------|------|---------|----------|-------|----|------|
| -20°C 3.30V | ax20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| -10°C 3.30V | ax20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 0°C 3.30V   | ax20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 10°C 3.30V  | ax20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 20°C 3.30V  | ax20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 30°C 3.30V  | ax20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 40°C 3.30V  | ax20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 50°C 3.30V  | ax20 | 5700 | Ant1 | 5700.02 | 20000    | 3.51  | 25 | Pass |
| 25°C 3.30V  | ax20 | 5745 | Ant1 | 5745.02 | 17000.00 | 2.96  | 25 | Pass |
| 25°C 3.16V  | ax20 | 5745 | Ant1 | 5745.01 | 7000.00  | 1.22  | 25 | Pass |
| 25°C 3.46V  | ax20 | 5745 | Ant1 | 5745.04 | 36500.00 | 6.35  | 25 | Pass |
| -30°C 3.30V | ax20 | 5745 | Ant1 | 5745.02 | 17000.00 | 2.96  | 25 | Pass |
| -20°C 3.30V | ax20 | 5745 | Ant1 | 5745.01 | 7000.00  | 1.22  | 25 | Pass |
| -10°C 3.30V | ax20 | 5745 | Ant1 | 5745.04 | 36500.00 | 6.35  | 25 | Pass |
| 0°C 3.30V   | ax20 | 5745 | Ant1 | 5745.01 | 7000.00  | 1.22  | 25 | Pass |
| 10°C 3.30V  | ax20 | 5745 | Ant1 | 5745.04 | 36500.00 | 6.35  | 25 | Pass |
| 20°C 3.30V  | ax20 | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 30°C 3.30V  | ax20 | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 40°C 3.30V  | ax20 | 5745 | Ant1 | 5744.98 | -20000   | -3.48 | 25 | Pass |
| 50°C 3.30V  | ax20 | 5745 | Ant1 | 5745.04 | 36500.00 | 6.35  | 25 | Pass |
| 25°C 3.30V  | ax20 | 5785 | Ant1 | 5785.01 | 11000.00 | 1.90  | 25 | Pass |
| 25°C 3.16V  | ax20 | 5785 | Ant1 | 5785.01 | 12000.00 | 2.07  | 25 | Pass |
| 25°C 3.46V  | ax20 | 5785 | Ant1 | 5785.01 | 11500.00 | 1.99  | 25 | Pass |
| -30°C 3.30V | ax20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| -20°C 3.30V | ax20 | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| -10°C 3.30V | ax20 | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| 0°C 3.30V   | ax20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 10°C 3.30V  | ax20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 20°C 3.30V  | ax20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 30°C 3.30V  | ax20 | 5785 | Ant1 | 5784.98 | -20000   | -3.46 | 25 | Pass |
| 40°C 3.30V  | ax20 | 5785 | Ant1 | 5785.04 | 39000.00 | 6.74  | 25 | Pass |
| 50°C 3.30V  | ax20 | 5785 | Ant1 | 5785.01 | 9500.00  | 1.64  | 25 | Pass |
| 25°C 3.30V  | ax20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 25°C 3.16V  | ax20 | 5825 | Ant1 | 5825.00 | 2000.00  | 0.34  | 25 | Pass |
| 25°C 3.46V  | ax20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |

|             |      |      |      |         |          |       |    |      |
|-------------|------|------|------|---------|----------|-------|----|------|
| -30°C 3.30V | ax20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| -20°C 3.30V | ax20 | 5825 | Ant1 | 5825.00 | 2000.00  | 0.34  | 25 | Pass |
| -10°C 3.30V | ax20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 0°C 3.30V   | ax20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 10°C 3.30V  | ax20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 20°C 3.30V  | ax20 | 5825 | Ant1 | 5824.98 | -20000   | -3.43 | 25 | Pass |
| 30°C 3.30V  | ax20 | 5825 | Ant1 | 5825.03 | 25500.00 | 4.38  | 25 | Pass |
| 40°C 3.30V  | ax20 | 5825 | Ant1 | 5825.01 | 13000.00 | 2.23  | 25 | Pass |
| 50°C 3.30V  | ax20 | 5825 | Ant1 | 5825.00 | 2000.00  | 0.34  | 25 | Pass |
| 25°C 3.30V  | ax40 | 5190 | Ant1 | 5190.02 | 15500.00 | 2.99  | 25 | Pass |
| 25°C 3.16V  | ax40 | 5190 | Ant1 | 5190.02 | 15500.00 | 2.99  | 25 | Pass |
| 25°C 3.46V  | ax40 | 5190 | Ant1 | 5190.05 | 48000.00 | 9.25  | 25 | Pass |
| -30°C 3.30V | ax40 | 5190 | Ant1 | 5190.02 | 21000.00 | 4.05  | 25 | Pass |
| -20°C 3.30V | ax40 | 5190 | Ant1 | 5190    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | ax40 | 5190 | Ant1 | 5190.05 | 48000.00 | 9.25  | 25 | Pass |
| 0°C 3.30V   | ax40 | 5190 | Ant1 | 5190    | 0        | 0     | 25 | Pass |
| 10°C 3.30V  | ax40 | 5190 | Ant1 | 5190.02 | 15500.00 | 2.99  | 25 | Pass |
| 20°C 3.30V  | ax40 | 5190 | Ant1 | 5190    | 0        | 0     | 25 | Pass |
| 30°C 3.30V  | ax40 | 5190 | Ant1 | 5190.02 | 21000.00 | 4.05  | 25 | Pass |
| 40°C 3.30V  | ax40 | 5190 | Ant1 | 5190    | 0        | 0     | 25 | Pass |
| 50°C 3.30V  | ax40 | 5190 | Ant1 | 5190.02 | 21000.00 | 4.05  | 25 | Pass |
| 25°C 3.30V  | ax40 | 5230 | Ant1 | 5230    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | ax40 | 5230 | Ant1 | 5230.01 | 7500.00  | 1.43  | 25 | Pass |
| 25°C 3.46V  | ax40 | 5230 | Ant1 | 5230.01 | 9000.00  | 1.72  | 25 | Pass |
| -30°C 3.30V | ax40 | 5230 | Ant1 | 5230.04 | 41500.00 | 7.93  | 25 | Pass |
| -20°C 3.30V | ax40 | 5230 | Ant1 | 5230    | 0        | 0     | 25 | Pass |
| -10°C 3.30V | ax40 | 5230 | Ant1 | 5229.96 | -40000   | -7.65 | 25 | Pass |
| 0°C 3.30V   | ax40 | 5230 | Ant1 | 5230.01 | 9000.00  | 1.72  | 25 | Pass |
| 10°C 3.30V  | ax40 | 5230 | Ant1 | 5230.04 | 41500.00 | 7.93  | 25 | Pass |
| 20°C 3.30V  | ax40 | 5230 | Ant1 | 5229.96 | -40000   | -7.65 | 25 | Pass |
| 30°C 3.30V  | ax40 | 5230 | Ant1 | 5230.01 | 7500.00  | 1.43  | 25 | Pass |
| 40°C 3.30V  | ax40 | 5230 | Ant1 | 5230.01 | 9000.00  | 1.72  | 25 | Pass |
| 50°C 3.30V  | ax40 | 5230 | Ant1 | 5229.96 | -40000   | -7.65 | 25 | Pass |
| 25°C 3.30V  | ax40 | 5270 | Ant1 | 5270    | 0        | 0     | 25 | Pass |
| 25°C 3.16V  | ax40 | 5270 | Ant1 | 5270    | 0        | 0     | 25 | Pass |

|             |      |      |      |      |   |   |    |      |
|-------------|------|------|------|------|---|---|----|------|
| 25°C 3.46V  | ax40 | 5270 | Ant1 | 5270 | 0 | 0 | 25 | Pass |
| -30°C 3.30V | ax40 | 5270 | Ant1 | 5270 | 0 | 0 | 25 | Pass |
| -20°C 3.30V | ax40 | 5270 | Ant1 | 5270 | 0 | 0 | 25 | Pass |
| -10°C 3.30V | ax40 | 5270 | Ant1 | 5270 | 0 | 0 | 25 | Pass |
| 0°C 3.30V   | ax40 | 5270 | Ant1 | 5270 | 0 | 0 | 25 | Pass |
| 10°C 3.30V  | ax40 | 5270 | Ant1 | 5270 | 0 | 0 | 25 | Pass |
| 20°C 3.30V  | ax40 | 5270 | Ant1 | 5270 | 0 | 0 | 25 | Pass |
| 30°C 3.30V  | ax40 | 5270 | Ant1 | 5270 | 0 | 0 | 25 | Pass |
| 40°C 3.30V  | ax40 | 5270 | Ant1 | 5270 | 0 | 0 | 25 | Pass |
| 50°C 3.30V  | ax40 | 5270 | Ant1 | 5270 | 0 | 0 | 25 | Pass |
| 25°C 3.30V  | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 25°C 3.16V  | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 25°C 3.46V  | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| -30°C 3.30V | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| -20°C 3.30V | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| -10°C 3.30V | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 0°C 3.30V   | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 10°C 3.30V  | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 20°C 3.30V  | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 30°C 3.30V  | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 40°C 3.30V  | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 50°C 3.30V  | ax40 | 5310 | Ant1 | 5310 | 0 | 0 | 25 | Pass |
| 25°C 3.30V  | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 25°C 3.16V  | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 25°C 3.46V  | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| -30°C 3.30V | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| -20°C 3.30V | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| -10°C 3.30V | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 0°C 3.30V   | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 10°C 3.30V  | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 20°C 3.30V  | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 30°C 3.30V  | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 40°C 3.30V  | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 50°C 3.30V  | ax40 | 5510 | Ant1 | 5510 | 0 | 0 | 25 | Pass |
| 25°C 3.30V  | ax40 | 5590 | Ant1 | 5590 | 0 | 0 | 25 | Pass |

|             |      |      |      |         |          |      |    |      |
|-------------|------|------|------|---------|----------|------|----|------|
| 25°C 3.16V  | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| 25°C 3.46V  | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| -30°C 3.30V | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| -20°C 3.30V | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| -10°C 3.30V | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| 0°C 3.30V   | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| 10°C 3.30V  | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| 20°C 3.30V  | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| 40°C 3.30V  | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| 50°C 3.30V  | ax40 | 5590 | Ant1 | 5590    | 0        | 0    | 25 | Pass |
| 25°C 3.30V  | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| 25°C 3.16V  | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| 25°C 3.46V  | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| -30°C 3.30V | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| -20°C 3.30V | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| -10°C 3.30V | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| 0°C 3.30V   | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| 10°C 3.30V  | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| 20°C 3.30V  | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| 40°C 3.30V  | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| 50°C 3.30V  | ax40 | 5670 | Ant1 | 5670    | 0        | 0    | 25 | Pass |
| 25°C 3.30V  | ax40 | 5755 | Ant1 | 5755.02 | 17500.00 | 3.04 | 25 | Pass |
| 25°C 3.16V  | ax40 | 5755 | Ant1 | 5755.01 | 8000.00  | 1.39 | 25 | Pass |
| 25°C 3.46V  | ax40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00 | 25 | Pass |
| -30°C 3.30V | ax40 | 5755 | Ant1 | 5755    | 0        | 0    | 25 | Pass |
| -20°C 3.30V | ax40 | 5755 | Ant1 | 5755.02 | 17500.00 | 3.04 | 25 | Pass |
| -10°C 3.30V | ax40 | 5755 | Ant1 | 5755.01 | 8000.00  | 1.39 | 25 | Pass |
| 0°C 3.30V   | ax40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00 | 25 | Pass |
| 10°C 3.30V  | ax40 | 5755 | Ant1 | 5755    | 0        | 0    | 25 | Pass |
| 20°C 3.30V  | ax40 | 5755 | Ant1 | 5755    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ax40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00 | 25 | Pass |
| 40°C 3.30V  | ax40 | 5755 | Ant1 | 5755    | 0        | 0    | 25 | Pass |
| 50°C 3.30V  | ax40 | 5755 | Ant1 | 5755.02 | 23000.00 | 4.00 | 25 | Pass |

|             |      |      |      |         |          |      |    |      |
|-------------|------|------|------|---------|----------|------|----|------|
| 25°C 3.30V  | ax40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62 | 25 | Pass |
| 25°C 3.16V  | ax40 | 5795 | Ant1 | 5795.02 | 16500.00 | 2.85 | 25 | Pass |
| 25°C 3.46V  | ax40 | 5795 | Ant1 | 5795    | 0        | 0    | 25 | Pass |
| -30°C 3.30V | ax40 | 5795 | Ant1 | 5795    | 0        | 0    | 25 | Pass |
| -20°C 3.30V | ax40 | 5795 | Ant1 | 5795    | 0        | 0    | 25 | Pass |
| -10°C 3.30V | ax40 | 5795 | Ant1 | 5795    | 0        | 0    | 25 | Pass |
| 0°C 3.30V   | ax40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62 | 25 | Pass |
| 10°C 3.30V  | ax40 | 5795 | Ant1 | 5795.02 | 16500.00 | 2.85 | 25 | Pass |
| 20°C 3.30V  | ax40 | 5795 | Ant1 | 5795    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ax40 | 5795 | Ant1 | 5795.02 | 21000.00 | 3.62 | 25 | Pass |
| 40°C 3.30V  | ax40 | 5795 | Ant1 | 5795.02 | 16500.00 | 2.85 | 25 | Pass |
| 50°C 3.30V  | ax40 | 5795 | Ant1 | 5795    | 0        | 0    | 25 | Pass |
| 25°C 3.30V  | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| 25°C 3.16V  | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| 25°C 3.46V  | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| -30°C 3.30V | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| -20°C 3.30V | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| -10°C 3.30V | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| 0°C 3.30V   | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| 10°C 3.30V  | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| 20°C 3.30V  | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| 40°C 3.30V  | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| 50°C 3.30V  | ax80 | 5210 | Ant1 | 5210    | 0        | 0    | 25 | Pass |
| 25°C 3.30V  | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |
| 25°C 3.16V  | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |
| 25°C 3.46V  | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |
| -30°C 3.30V | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |
| -20°C 3.30V | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |
| -10°C 3.30V | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |
| 0°C 3.30V   | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |
| 10°C 3.30V  | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |
| 20°C 3.30V  | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |
| 30°C 3.30V  | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |
| 40°C 3.30V  | ax80 | 5290 | Ant1 | 5290    | 0        | 0    | 25 | Pass |

|             |      |      |      |      |   |   |    |      |
|-------------|------|------|------|------|---|---|----|------|
| 50°C 3.30V  | ax80 | 5290 | Ant1 | 5290 | 0 | 0 | 25 | Pass |
| 25°C 3.30V  | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| 25°C 3.16V  | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| 25°C 3.46V  | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| -30°C 3.30V | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| -20°C 3.30V | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| -10°C 3.30V | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| 0°C 3.30V   | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| 10°C 3.30V  | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| 20°C 3.30V  | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| 30°C 3.30V  | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| 40°C 3.30V  | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| 50°C 3.30V  | ax80 | 5530 | Ant1 | 5530 | 0 | 0 | 25 | Pass |
| 25°C 3.30V  | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| 25°C 3.16V  | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| 25°C 3.46V  | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| -30°C 3.30V | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| -20°C 3.30V | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| -10°C 3.30V | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| 0°C 3.30V   | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| 10°C 3.30V  | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| 20°C 3.30V  | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| 30°C 3.30V  | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| 40°C 3.30V  | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |
| 50°C 3.30V  | ax80 | 5775 | Ant1 | 5775 | 0 | 0 | 25 | Pass |

## 7.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 12.264                | 24          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 13.78                 | 24          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 13.471                | 24          | Pass    |
| NVNT      | a    | 5260            | Ant1    | <b>13.973</b>         | 24          | Pass    |
| NVNT      | a    | 5280            | Ant1    | 12.957                | 24          | Pass    |
| NVNT      | a    | 5320            | Ant1    | 12.314                | 24          | Pass    |
| NVNT      | a    | 5500            | Ant1    | 12.816                | 24          | Pass    |
| NVNT      | a    | 5600            | Ant1    | 12.961                | 24          | Pass    |
| NVNT      | a    | 5700            | Ant1    | 12.384                | 24          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 11.027                | 30          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 11.575                | 30          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 11.797                | 30          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 13.345                | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 12.08                 | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 12.394                | 24          | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 12.711                | 24          | Pass    |
| NVNT      | n20  | 5280            | Ant1    | 13.876                | 24          | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 12.098                | 24          | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 12.717                | 24          | Pass    |
| NVNT      | n20  | 5600            | Ant1    | 12.316                | 24          | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 12.107                | 24          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 11.836                | 30          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 12.035                | 30          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 11.63                 | 30          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 11.129                | 24          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 11.756                | 24          | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 12.854                | 24          | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 12.864                | 24          | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 12.132                | 24          | Pass    |
| NVNT      | n40  | 5590            | Ant1    | 12.328                | 24          | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 11.707                | 24          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 11.545                | 30          | Pass    |

|      |      |      |      |        |    |      |
|------|------|------|------|--------|----|------|
| NVNT | n40  | 5795 | Ant1 | 11.147 | 30 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 11     | 24 | Pass |
| NVNT | ac20 | 5200 | Ant1 | 11.758 | 24 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 11.971 | 24 | Pass |
| NVNT | ac20 | 5260 | Ant1 | 12.588 | 24 | Pass |
| NVNT | ac20 | 5280 | Ant1 | 13.603 | 24 | Pass |
| NVNT | ac20 | 5320 | Ant1 | 12.746 | 24 | Pass |
| NVNT | ac20 | 5500 | Ant1 | 12.245 | 24 | Pass |
| NVNT | ac20 | 5600 | Ant1 | 11.938 | 24 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 11.711 | 24 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 11.467 | 30 | Pass |
| NVNT | ac20 | 5785 | Ant1 | 11.687 | 30 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 11.349 | 30 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 11.443 | 24 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 12.05  | 24 | Pass |
| NVNT | ac40 | 5270 | Ant1 | 12.318 | 24 | Pass |
| NVNT | ac40 | 5310 | Ant1 | 12.228 | 24 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 12.364 | 24 | Pass |
| NVNT | ac40 | 5590 | Ant1 | 12.606 | 24 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 11.877 | 24 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 11.532 | 30 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 11.443 | 30 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 11.856 | 24 | Pass |
| NVNT | ac80 | 5290 | Ant1 | 12.437 | 24 | Pass |
| NVNT | ac80 | 5530 | Ant1 | 12.363 | 24 | Pass |
| NVNT | ac80 | 5610 | Ant1 | 12.367 | 24 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 11.444 | 30 | Pass |
| NVNT | ax20 | 5180 | Ant1 | 11.883 | 24 | Pass |
| NVNT | ax20 | 5200 | Ant1 | 12.204 | 24 | Pass |
| NVNT | ax20 | 5240 | Ant1 | 12.35  | 24 | Pass |
| NVNT | ax20 | 5260 | Ant1 | 12.959 | 24 | Pass |
| NVNT | ax20 | 5280 | Ant1 | 12.983 | 24 | Pass |
| NVNT | ax20 | 5320 | Ant1 | 12.271 | 24 | Pass |
| NVNT | ax20 | 5500 | Ant1 | 11.968 | 24 | Pass |
| NVNT | ax20 | 5600 | Ant1 | 12.516 | 24 | Pass |

|      |      |      |      |        |    |      |
|------|------|------|------|--------|----|------|
| NVNT | ax20 | 5700 | Ant1 | 12.236 | 24 | Pass |
| NVNT | ax20 | 5745 | Ant1 | 11.928 | 30 | Pass |
| NVNT | ax20 | 5785 | Ant1 | 11.241 | 30 | Pass |
| NVNT | ax20 | 5825 | Ant1 | 11.578 | 30 | Pass |
| NVNT | ax40 | 5190 | Ant1 | 11.793 | 24 | Pass |
| NVNT | ax40 | 5230 | Ant1 | 12.472 | 24 | Pass |
| NVNT | ax40 | 5270 | Ant1 | 12.56  | 24 | Pass |
| NVNT | ax40 | 5310 | Ant1 | 12.643 | 24 | Pass |
| NVNT | ax40 | 5510 | Ant1 | 12.736 | 24 | Pass |
| NVNT | ax40 | 5590 | Ant1 | 12.901 | 24 | Pass |
| NVNT | ax40 | 5670 | Ant1 | 12.646 | 24 | Pass |
| NVNT | ax40 | 5755 | Ant1 | 12.056 | 30 | Pass |
| NVNT | ax40 | 5795 | Ant1 | 11.955 | 30 | Pass |
| NVNT | ax80 | 5210 | Ant1 | 12.339 | 24 | Pass |
| NVNT | ax80 | 5290 | Ant1 | 12.909 | 24 | Pass |
| NVNT | ax80 | 5530 | Ant1 | 12.743 | 24 | Pass |
| NVNT | ax80 | 5610 | Ant1 | 12.779 | 24 | Pass |
| NVNT | ax80 | 5775 | Ant1 | 12.059 | 30 | Pass |

### 7.3 Maximum Power Spectral Density Level

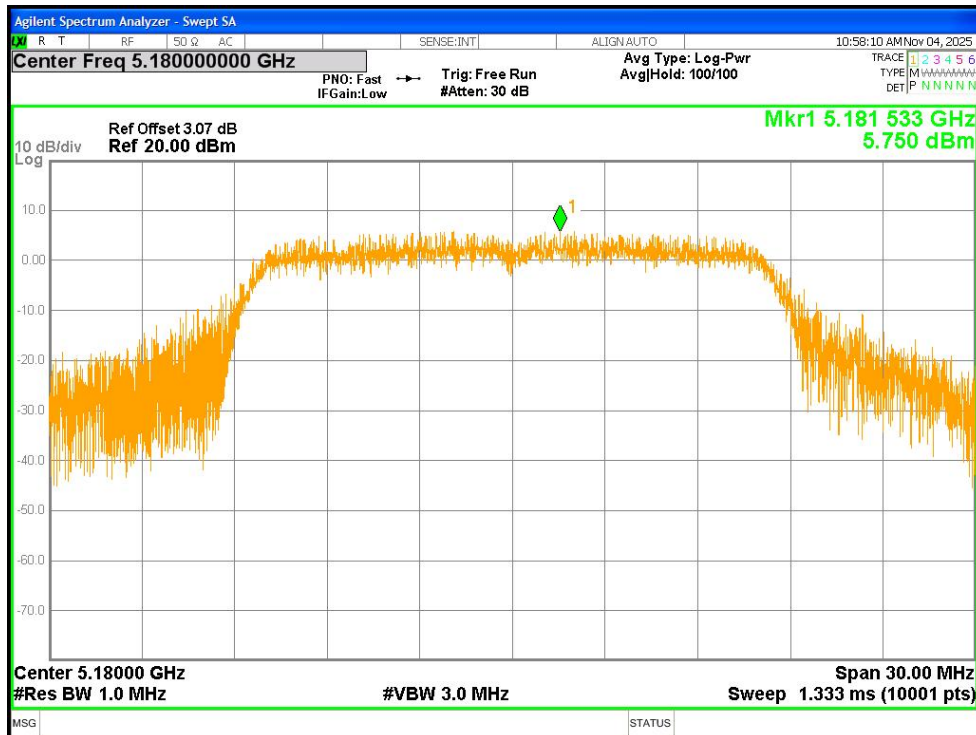
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|-----------|------|-----------------|---------|-------------------|-----------------|---------|
| NVNT      | a    | 5180            | Ant1    | 5.75              | 11              | Pass    |
| NVNT      | a    | 5200            | Ant1    | 7.267             | 11              | Pass    |
| NVNT      | a    | 5240            | Ant1    | 7.082             | 11              | Pass    |
| NVNT      | a    | 5260            | Ant1    | 7.575             | 11              | Pass    |
| NVNT      | a    | 5280            | Ant1    | 6.712             | 11              | Pass    |
| NVNT      | a    | 5320            | Ant1    | 6.012             | 11              | Pass    |
| NVNT      | a    | 5500            | Ant1    | 6.33              | 11              | Pass    |
| NVNT      | a    | 5600            | Ant1    | 5.953             | 11              | Pass    |
| NVNT      | a    | 5700            | Ant1    | 6.281             | 11              | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 5.899             | 11              | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 5.1               | 11              | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 5.052             | 11              | Pass    |
| NVNT      | n20  | 5260            | Ant1    | 6.347             | 11              | Pass    |
| NVNT      | n20  | 5280            | Ant1    | 6.412             | 11              | Pass    |
| NVNT      | n20  | 5320            | Ant1    | 4.665             | 11              | Pass    |
| NVNT      | n20  | 5500            | Ant1    | 5.091             | 11              | Pass    |
| NVNT      | n20  | 5600            | Ant1    | 4.525             | 11              | Pass    |
| NVNT      | n20  | 5700            | Ant1    | 4.31              | 11              | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 1.329             | 11              | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 1.472             | 11              | Pass    |
| NVNT      | n40  | 5270            | Ant1    | 2.562             | 11              | Pass    |
| NVNT      | n40  | 5310            | Ant1    | 2.869             | 11              | Pass    |
| NVNT      | n40  | 5510            | Ant1    | 1.85              | 11              | Pass    |
| NVNT      | n40  | 5590            | Ant1    | 1.452             | 11              | Pass    |
| NVNT      | n40  | 5670            | Ant1    | 0.78              | 11              | Pass    |
| NVNT      | ac20 | 5180            | Ant1    | 3.672             | 11              | Pass    |
| NVNT      | ac20 | 5200            | Ant1    | 4.422             | 11              | Pass    |
| NVNT      | ac20 | 5240            | Ant1    | 4.676             | 11              | Pass    |
| NVNT      | ac20 | 5260            | Ant1    | 5.242             | 11              | Pass    |
| NVNT      | ac20 | 5280            | Ant1    | 6.583             | 11              | Pass    |
| NVNT      | ac20 | 5320            | Ant1    | 5.366             | 11              | Pass    |
| NVNT      | ac20 | 5500            | Ant1    | 4.565             | 11              | Pass    |

|      |      |      |      |        |    |      |
|------|------|------|------|--------|----|------|
| NVNT | ac20 | 5600 | Ant1 | 5.569  | 11 | Pass |
| NVNT | ac20 | 5700 | Ant1 | 3.866  | 11 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 1.053  | 11 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 1.543  | 11 | Pass |
| NVNT | ac40 | 5270 | Ant1 | 2.282  | 11 | Pass |
| NVNT | ac40 | 5310 | Ant1 | 1.781  | 11 | Pass |
| NVNT | ac40 | 5510 | Ant1 | 1.943  | 11 | Pass |
| NVNT | ac40 | 5590 | Ant1 | 2.045  | 11 | Pass |
| NVNT | ac40 | 5670 | Ant1 | 1.621  | 11 | Pass |
| NVNT | ac80 | 5210 | Ant1 | -1.516 | 11 | Pass |
| NVNT | ac80 | 5290 | Ant1 | -0.978 | 11 | Pass |
| NVNT | ac80 | 5530 | Ant1 | -0.077 | 11 | Pass |
| NVNT | ac80 | 5610 | Ant1 | -1.235 | 11 | Pass |
| NVNT | ax20 | 5180 | Ant1 | 5.005  | 11 | Pass |
| NVNT | ax20 | 5200 | Ant1 | 6.699  | 11 | Pass |
| NVNT | ax20 | 5240 | Ant1 | 6.849  | 11 | Pass |
| NVNT | ax20 | 5260 | Ant1 | 6.141  | 11 | Pass |
| NVNT | ax20 | 5280 | Ant1 | 7.231  | 11 | Pass |
| NVNT | ax20 | 5320 | Ant1 | 6.418  | 11 | Pass |
| NVNT | ax20 | 5500 | Ant1 | 7.657  | 11 | Pass |
| NVNT | ax20 | 5600 | Ant1 | 5.456  | 11 | Pass |
| NVNT | ax20 | 5700 | Ant1 | 5.536  | 11 | Pass |
| NVNT | ax40 | 5190 | Ant1 | 3.076  | 11 | Pass |
| NVNT | ax40 | 5230 | Ant1 | 4.013  | 11 | Pass |
| NVNT | ax40 | 5270 | Ant1 | 4.156  | 11 | Pass |
| NVNT | ax40 | 5310 | Ant1 | 3.918  | 11 | Pass |
| NVNT | ax40 | 5510 | Ant1 | 2.681  | 11 | Pass |
| NVNT | ax40 | 5590 | Ant1 | 3.578  | 11 | Pass |
| NVNT | ax40 | 5670 | Ant1 | 3.13   | 11 | Pass |
| NVNT | ax80 | 5210 | Ant1 | -0.172 | 11 | Pass |
| NVNT | ax80 | 5290 | Ant1 | 0.582  | 11 | Pass |
| NVNT | ax80 | 5530 | Ant1 | 1.007  | 11 | Pass |
| NVNT | ax80 | 5610 | Ant1 | 0.302  | 11 | Pass |

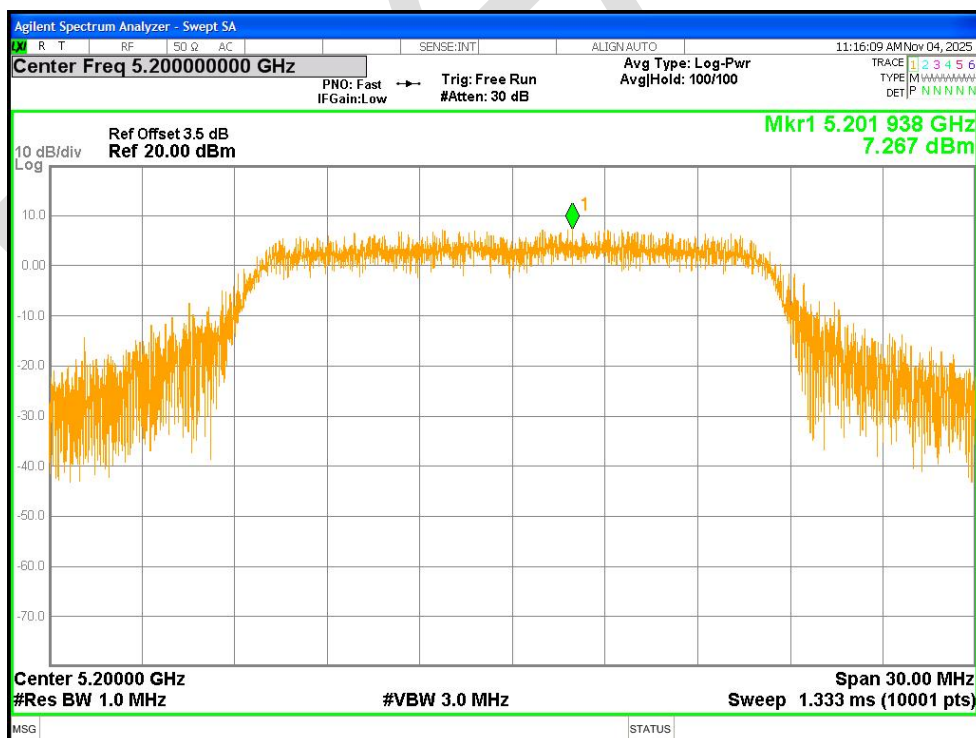
## U-NII-3:

| Condition                                                                                                                                                                                                 | Mode | Frequency<br>(MHz) | Antenna | Max PSD<br>(dBm/510kHz) | Max PSD<br>(dBm/500kHz) |       | Verdict |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|---------|-------------------------|-------------------------|-------|---------|
|                                                                                                                                                                                                           |      |                    |         |                         | Result                  | Limit |         |
| NVNT                                                                                                                                                                                                      | a    | 5745               | Ant1    | 1.387                   | 1.301                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | a    | 5785               | Ant1    | 1.048                   | 0.962                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | a    | 5825               | Ant1    | 1.298                   | 1.212                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | n20  | 5745               | Ant1    | 0.829                   | 0.743                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | n20  | 5785               | Ant1    | 0.885                   | 0.799                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | n20  | 5825               | Ant1    | 0.919                   | 0.833                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | n40  | 5755               | Ant1    | -2.541                  | -2.627                  | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | n40  | 5795               | Ant1    | -2.727                  | -2.813                  | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ac20 | 5745               | Ant1    | 0.146                   | 0.060                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ac20 | 5785               | Ant1    | 0.599                   | 0.513                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ac20 | 5825               | Ant1    | 0.114                   | 0.028                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ac40 | 5755               | Ant1    | -1.37                   | -1.456                  | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ac40 | 5795               | Ant1    | -2.765                  | -2.851                  | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ac80 | 5775               | Ant1    | -5.789                  | -5.875                  | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ax20 | 5745               | Ant1    | 2.632                   | 2.546                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ax20 | 5785               | Ant1    | 2.218                   | 2.132                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ax20 | 5825               | Ant1    | 1.779                   | 1.693                   | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ax40 | 5755               | Ant1    | -1.175                  | -1.261                  | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ax40 | 5795               | Ant1    | -0.565                  | -0.651                  | 30    | Pass    |
| NVNT                                                                                                                                                                                                      | ax80 | 5775               | Ant1    | -3.626                  | -3.712                  | 30    | Pass    |
| Note: Method SA-3 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01 was used for PSD test.<br>$\text{dBm/500kHz} = \text{dBm/510kHz} - 10 \cdot \log(0.51/0.5) = \text{dBm/510kHz} - 0.086$ |      |                    |         |                         |                         |       |         |

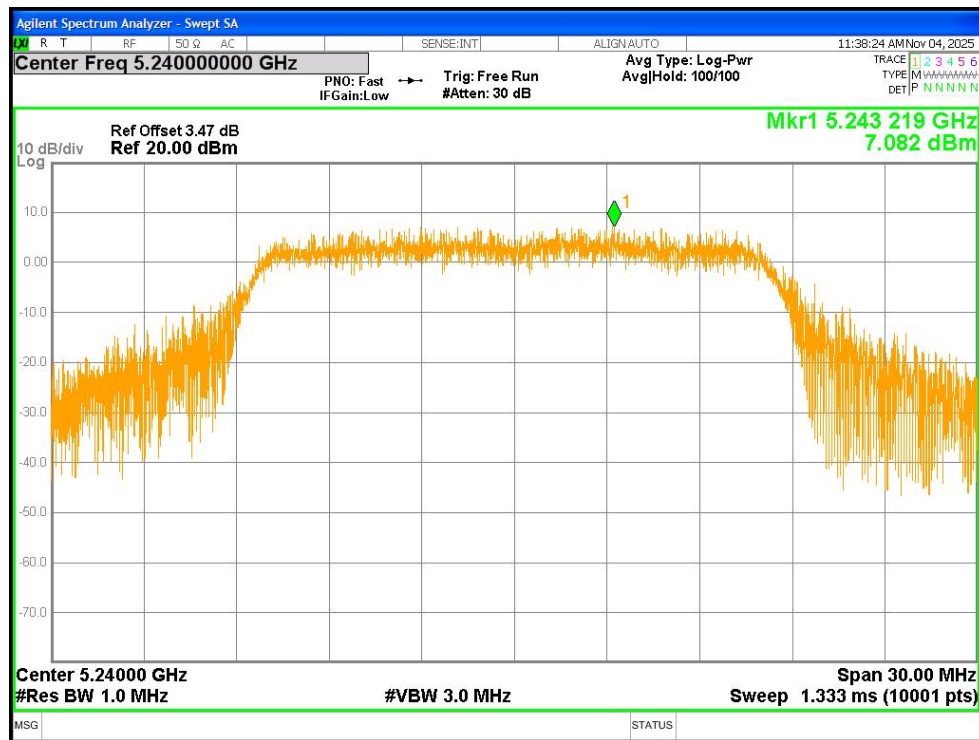
PSD NVNT a 5180MHz Ant1



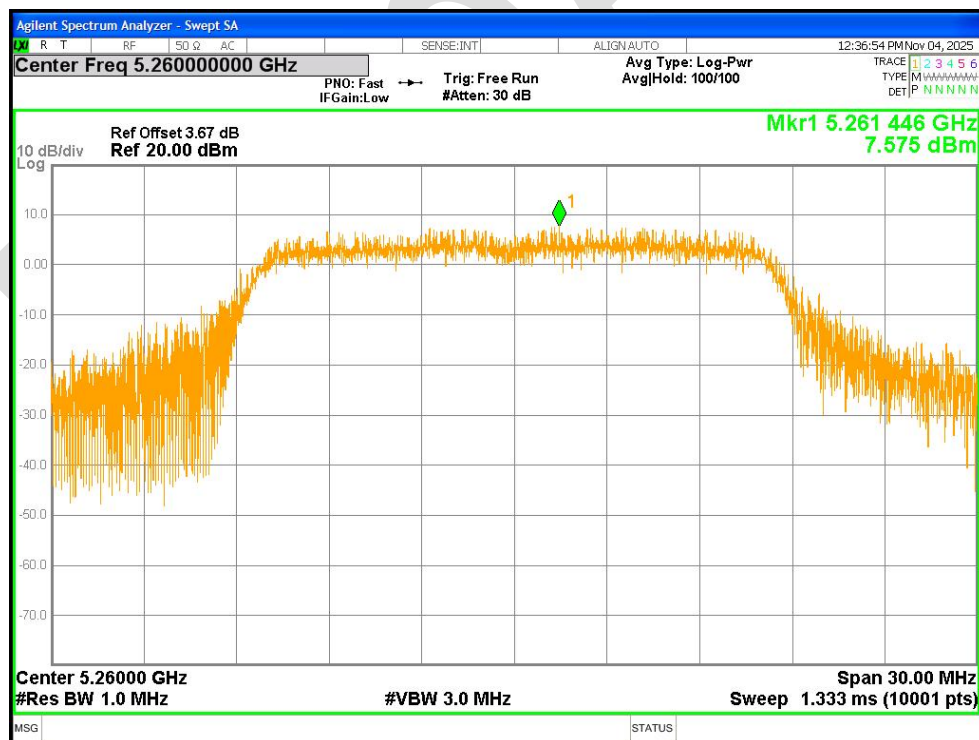
PSD NVNT a 5200MHz Ant1



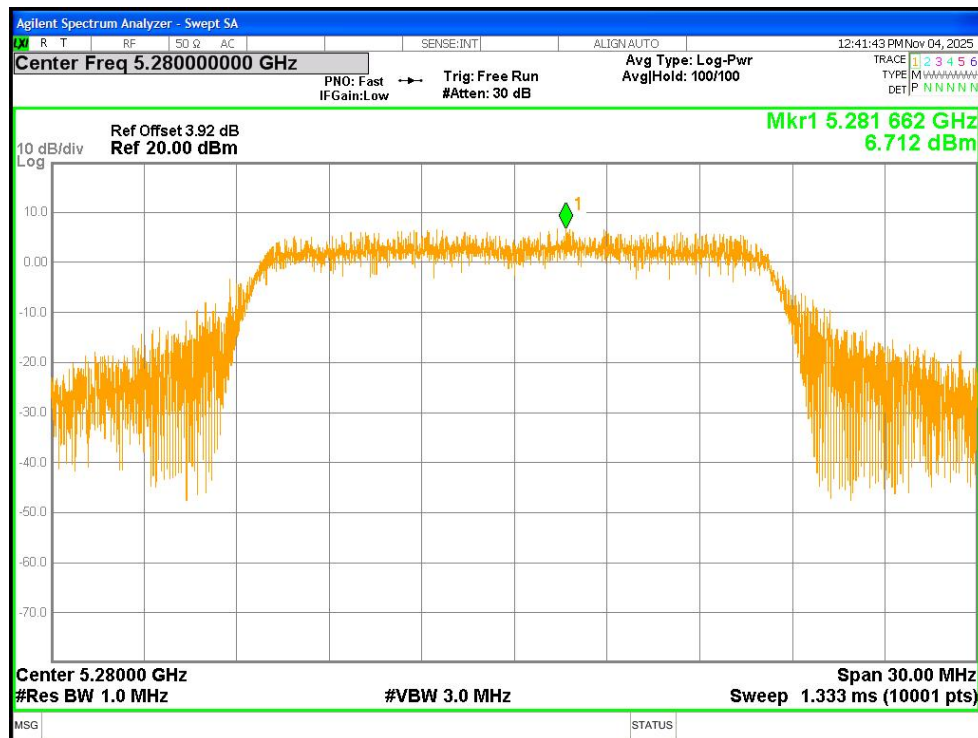
PSD NVNT a 5240MHz Ant1



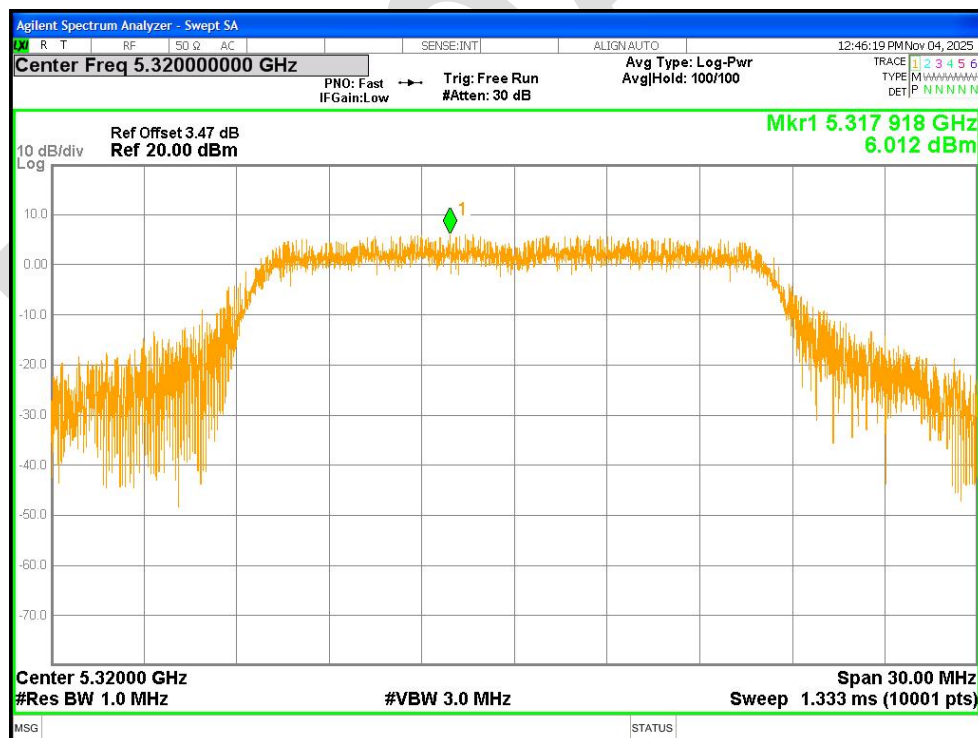
PSD NVNT a 5260MHz Ant1



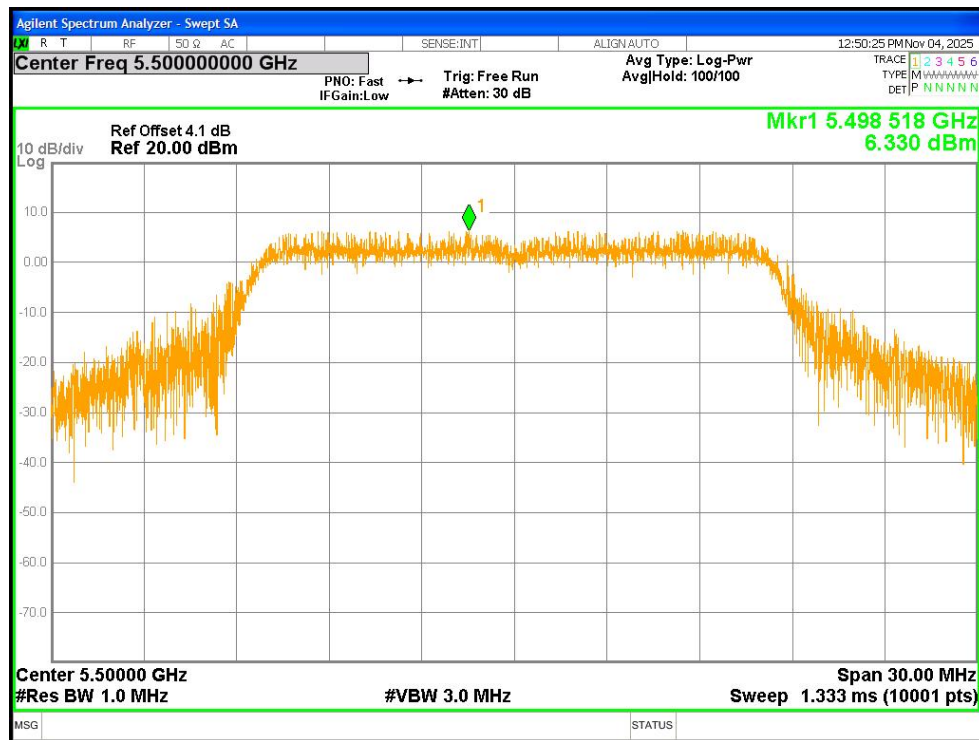
PSD NVNT a 5280MHz Ant1



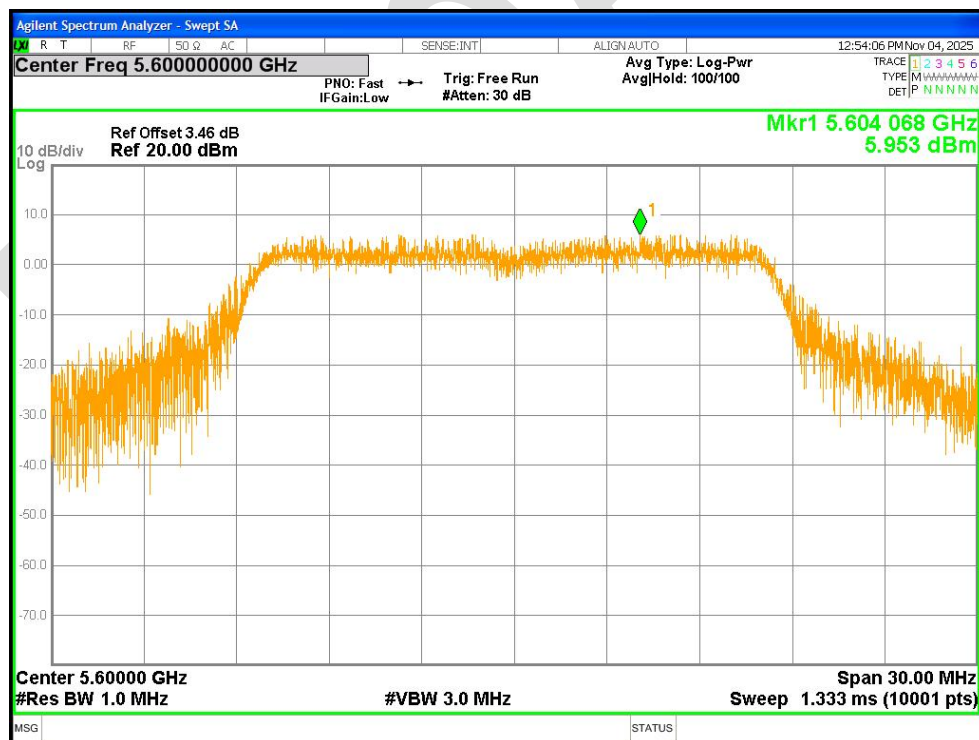
PSD NVNT a 5320MHz Ant1



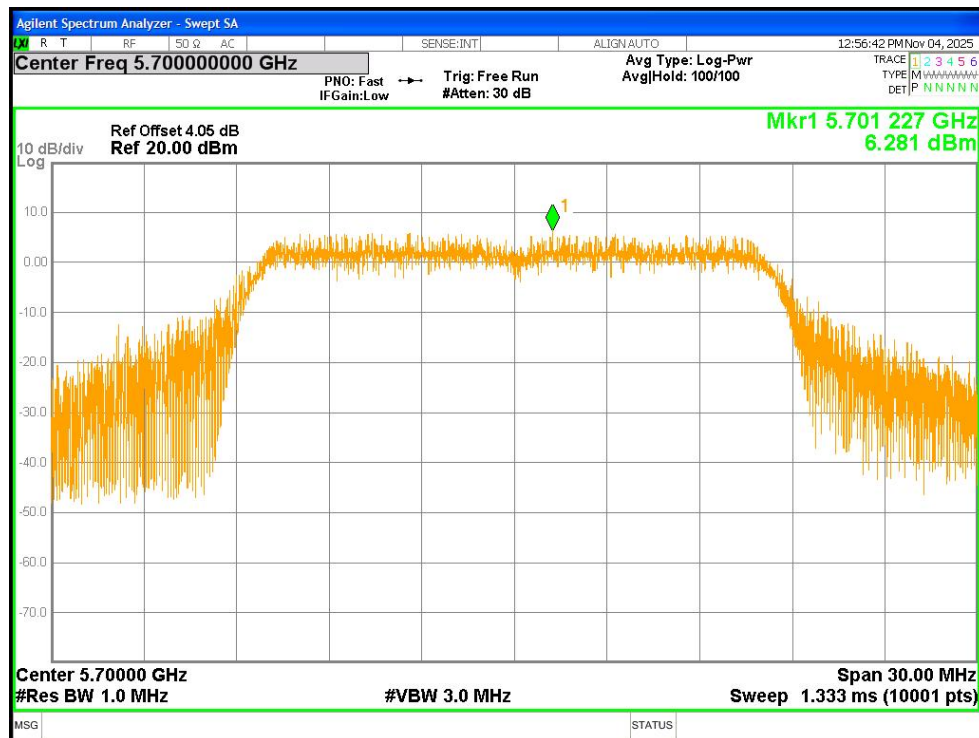
PSD NVNT a 5500MHz Ant1



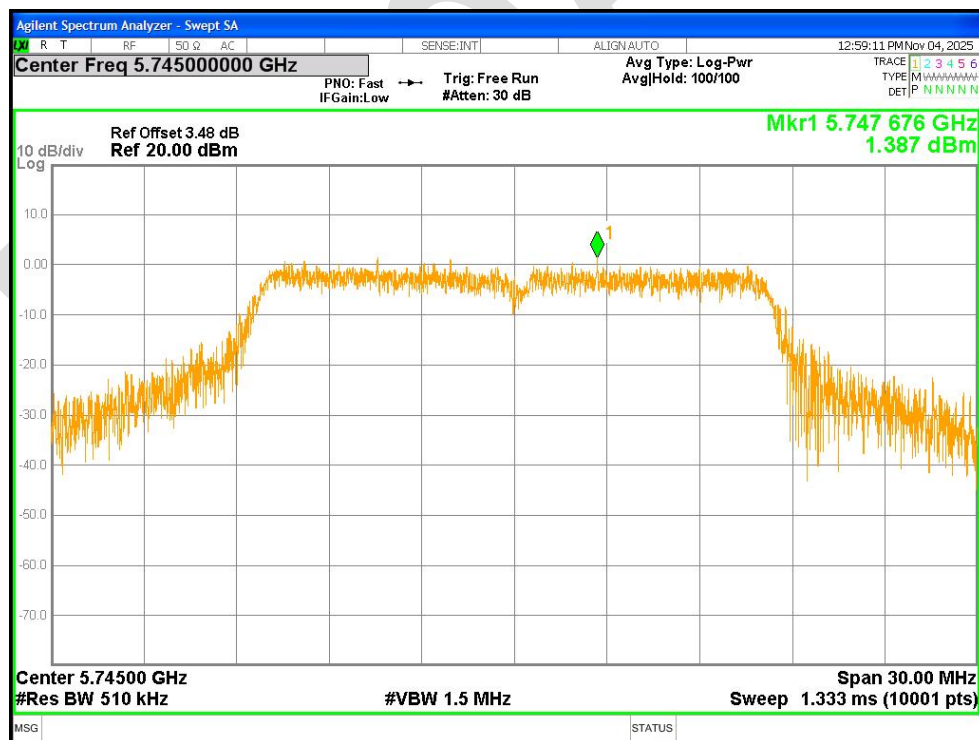
PSD NVNT a 5600MHz Ant1



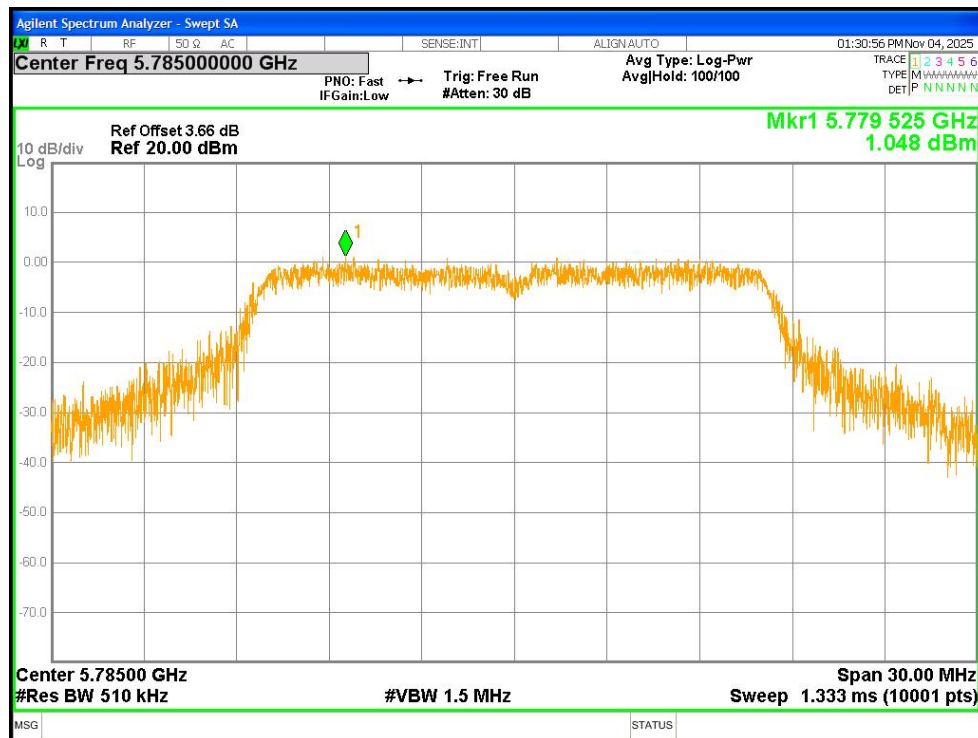
PSD NVNT a 5700MHz Ant1



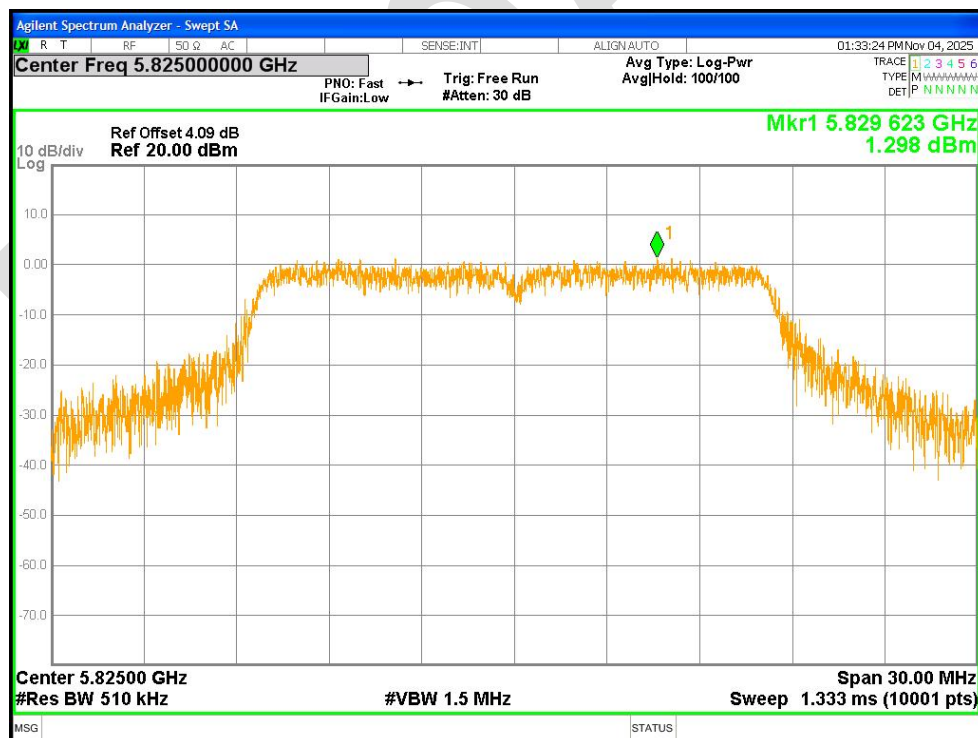
PSD NVNT a 5745MHz Ant1



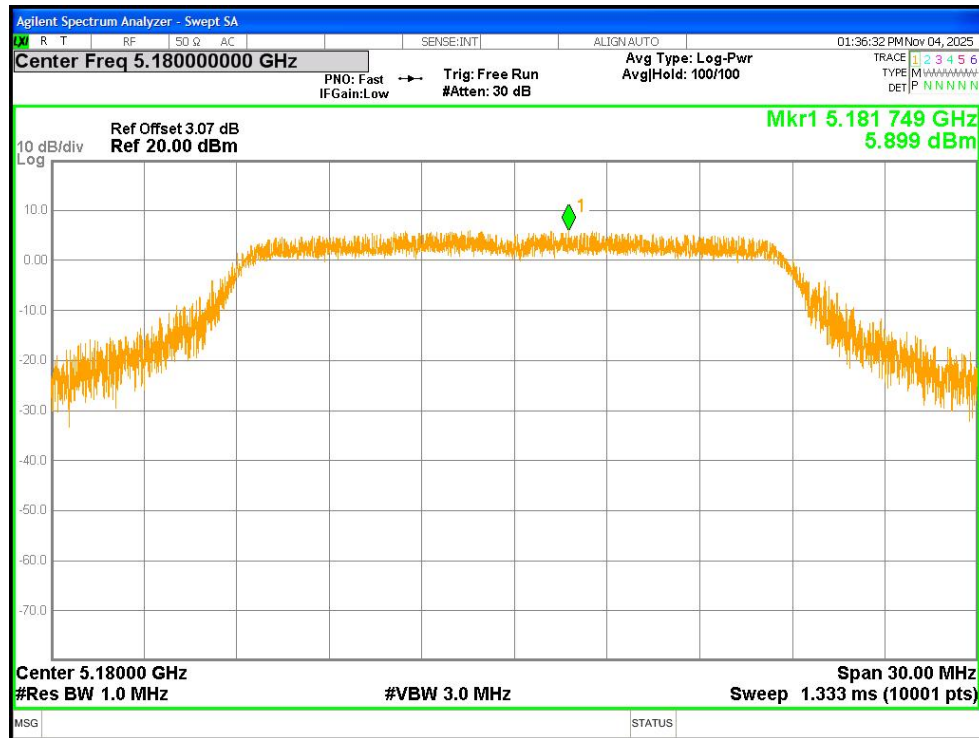
PSD NVNT a 5785MHz Ant1



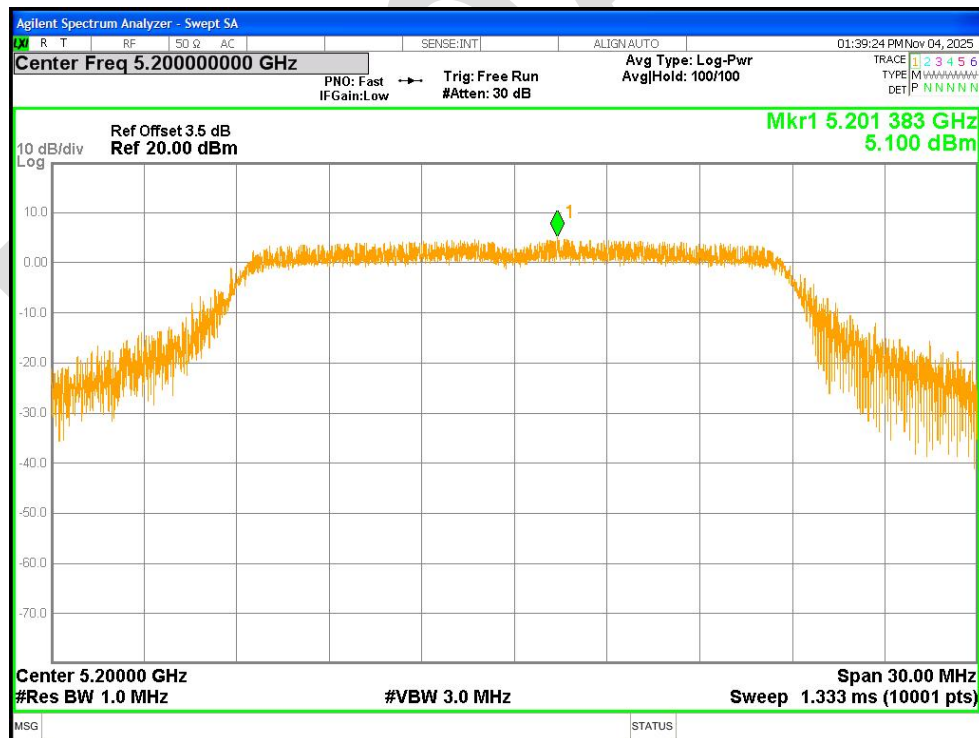
PSD NVNT a 5825MHz Ant1



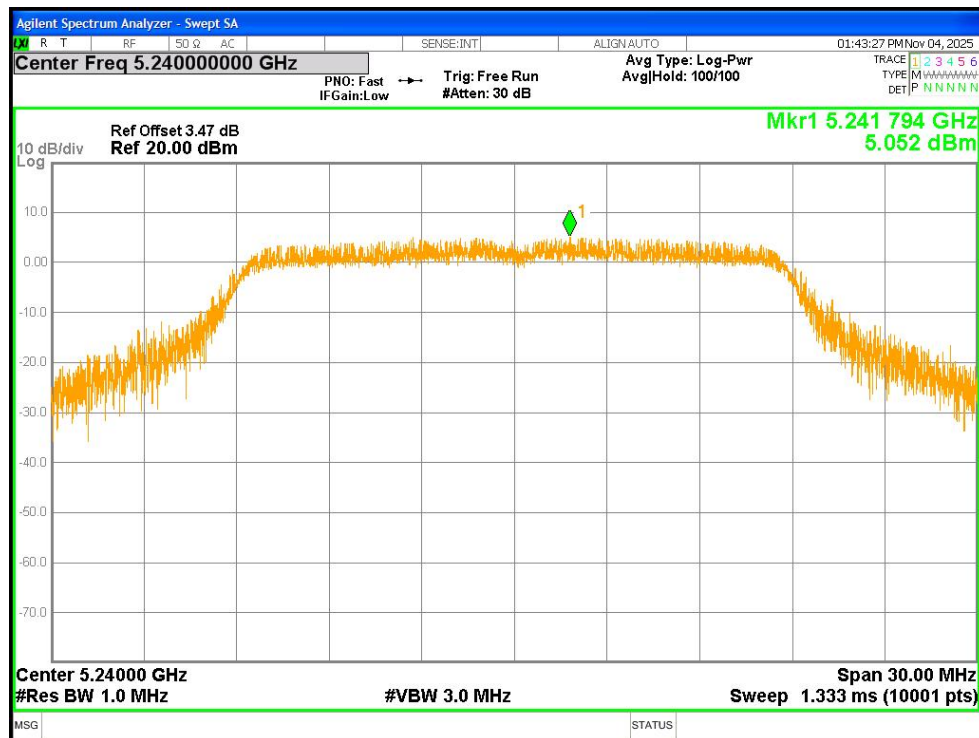
PSD NVNT n20 5180MHz Ant1



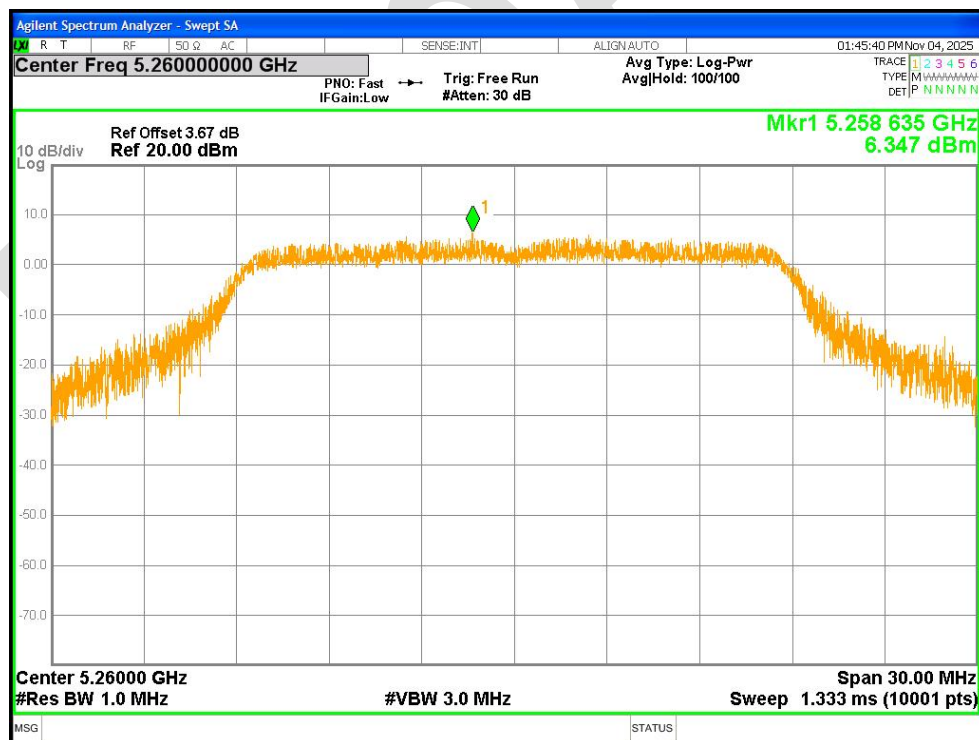
PSD NVNT n20 5200MHz Ant1



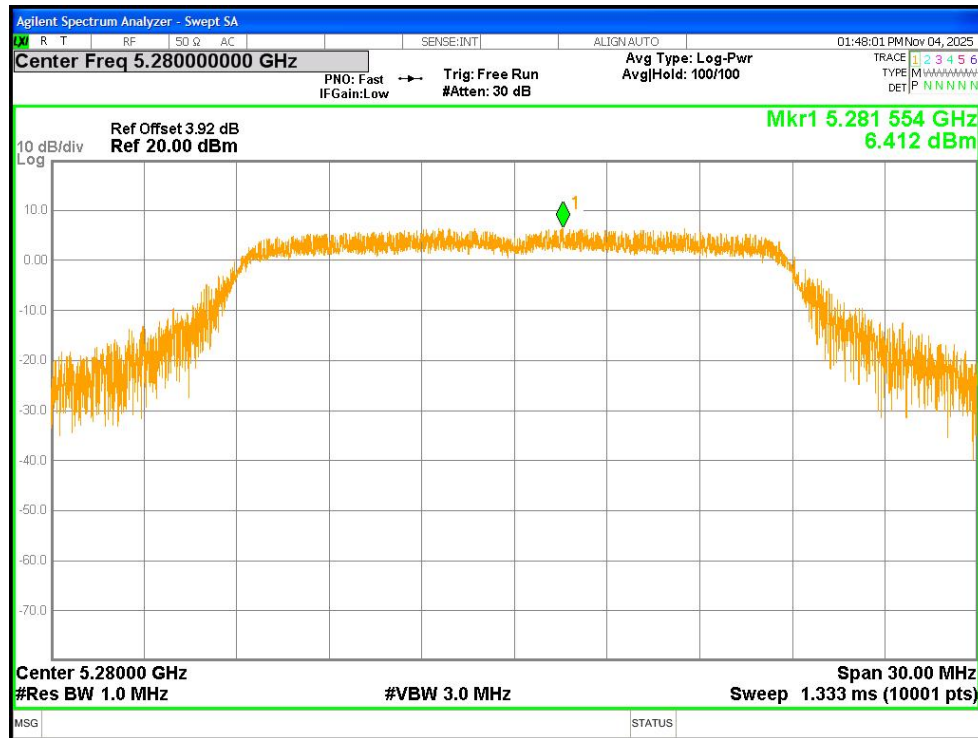
PSD NVNT n20 5240MHz Ant1



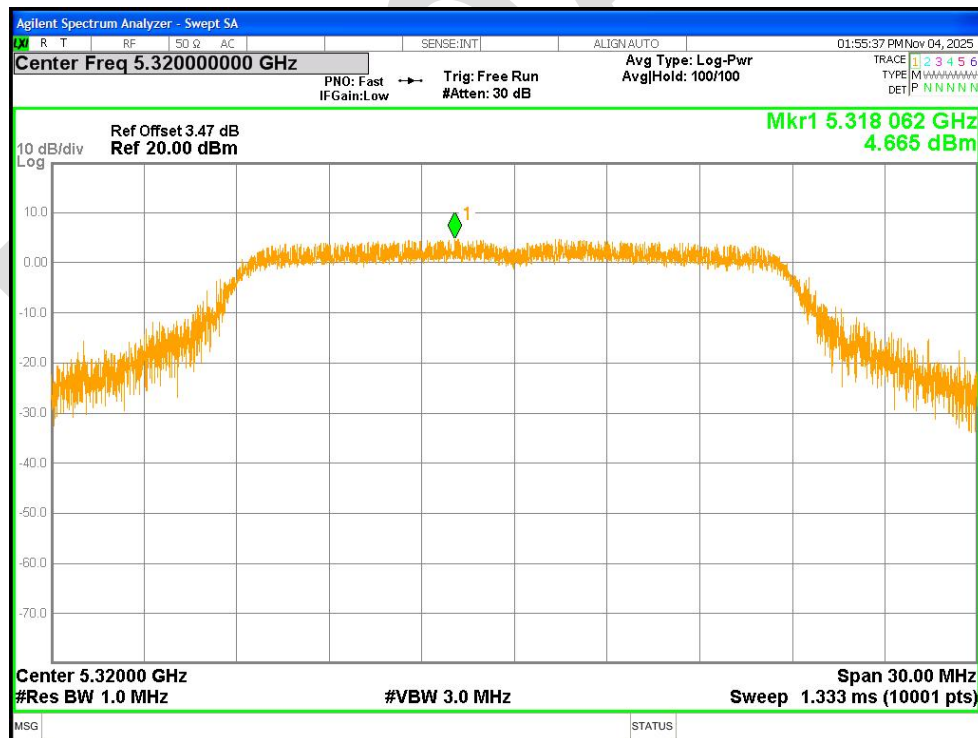
PSD NVNT n20 5260MHz Ant1



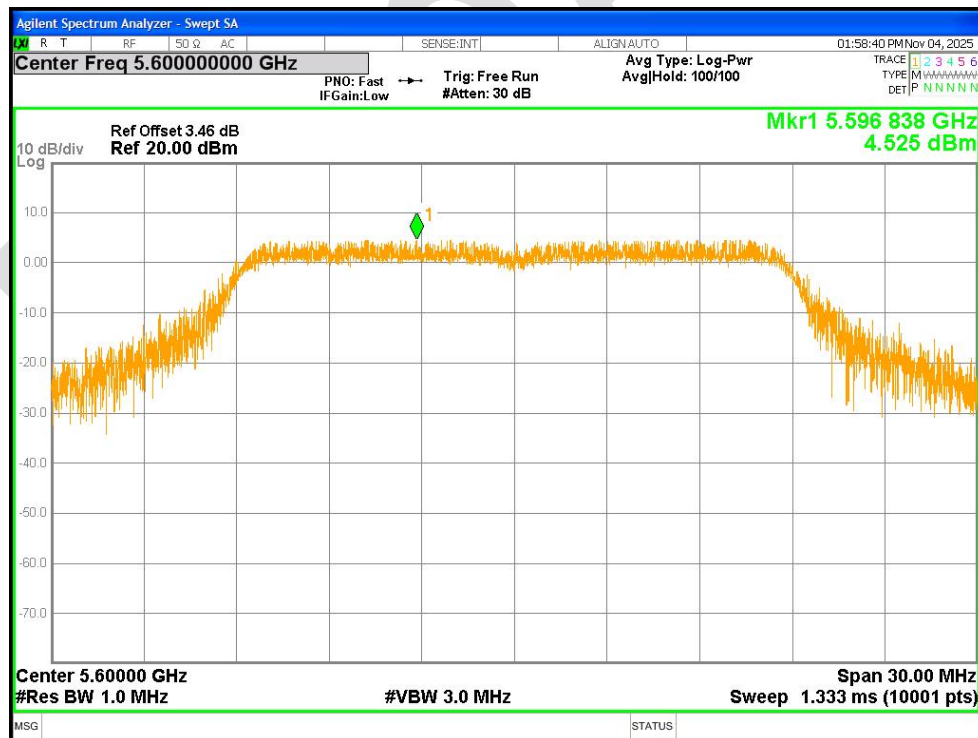
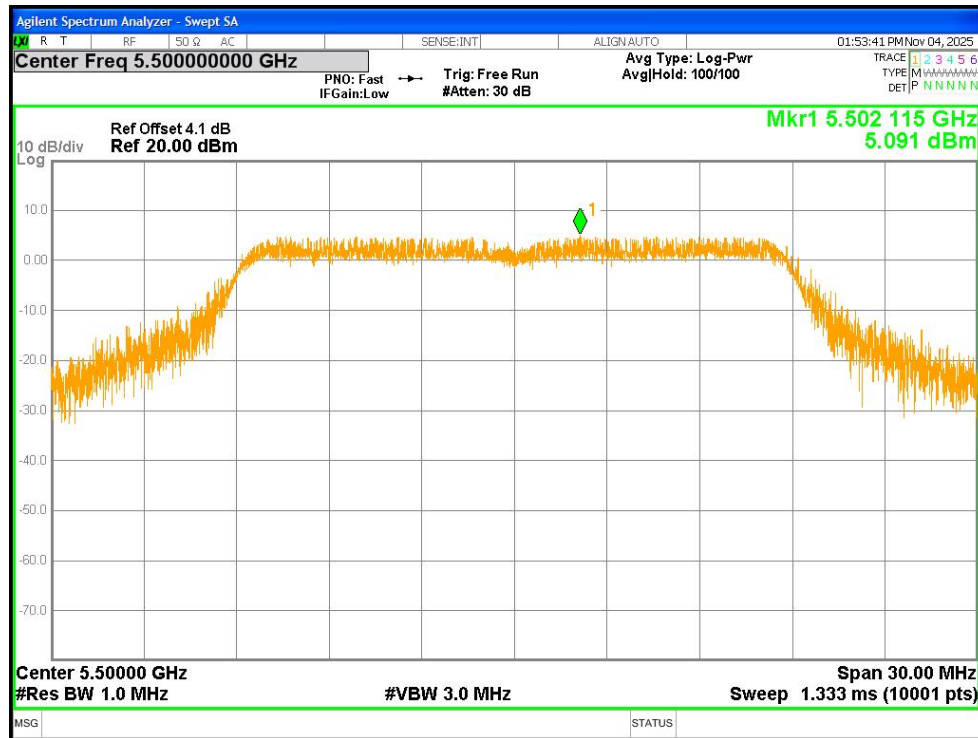
PSD NVNT n20 5280MHz Ant1

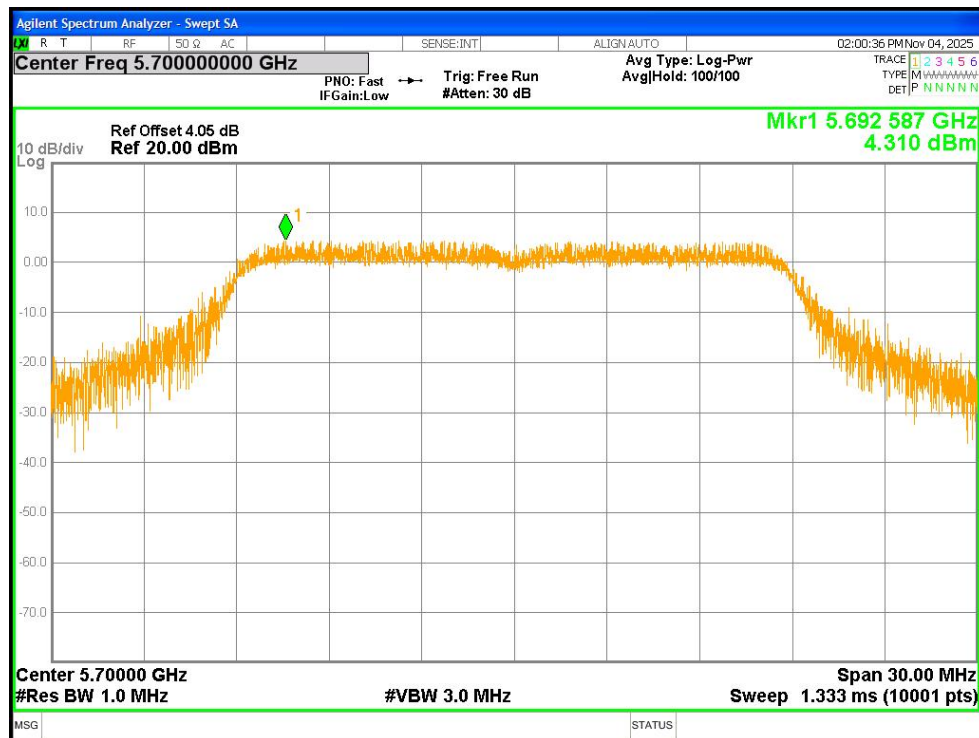


PSD NVNT n20 5320MHz Ant1

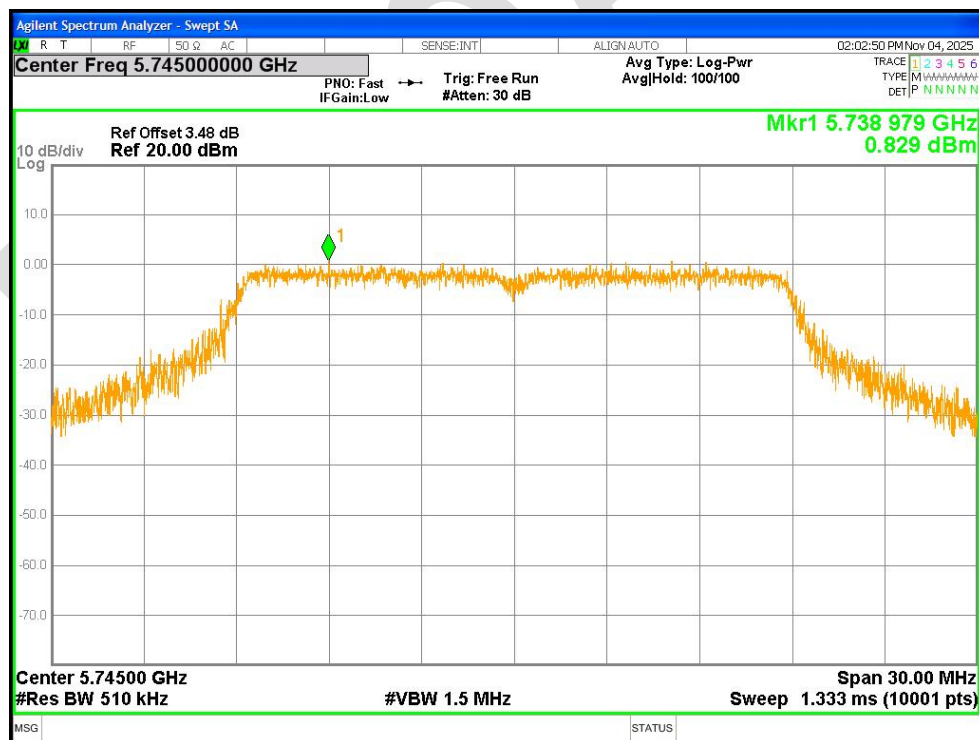


PSD NVNT n20 5500MHz Ant1

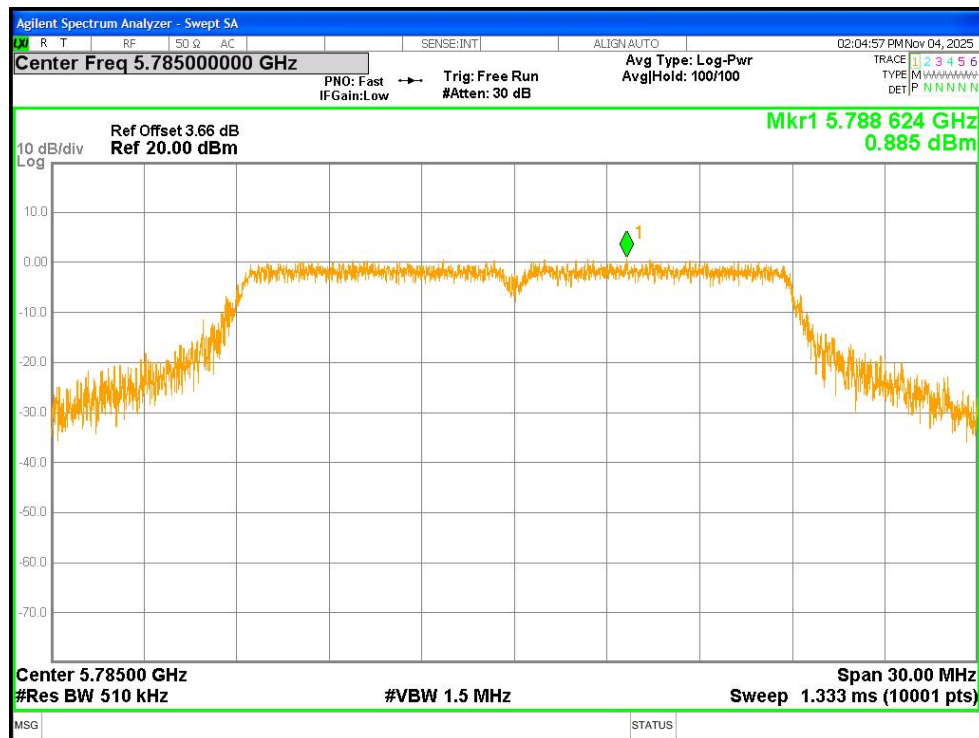




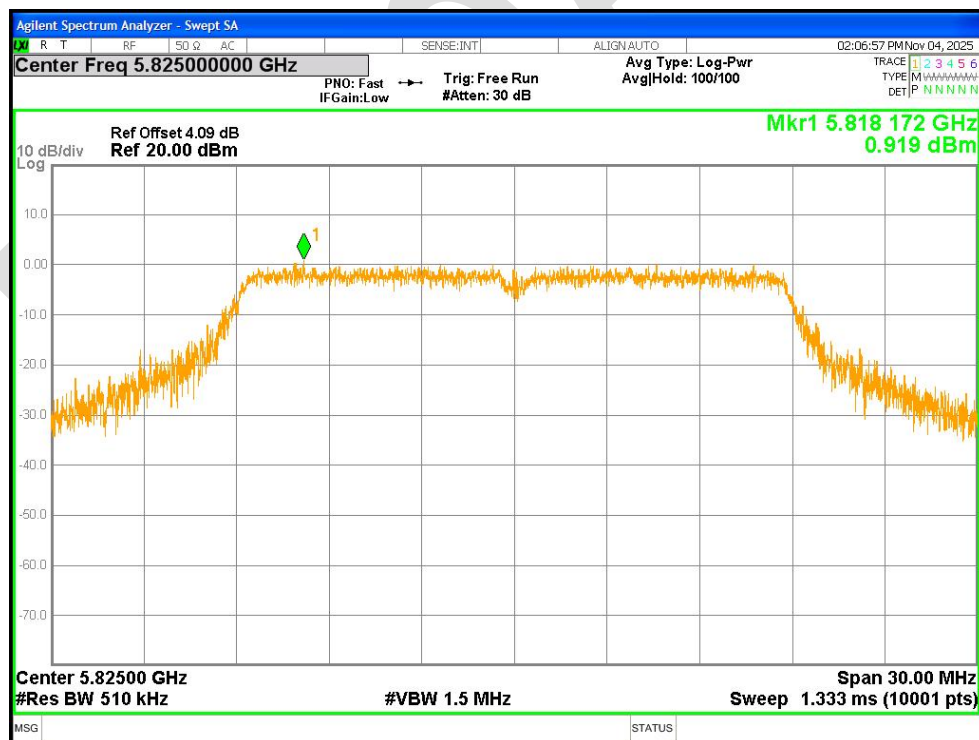
PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5190MHz Ant1