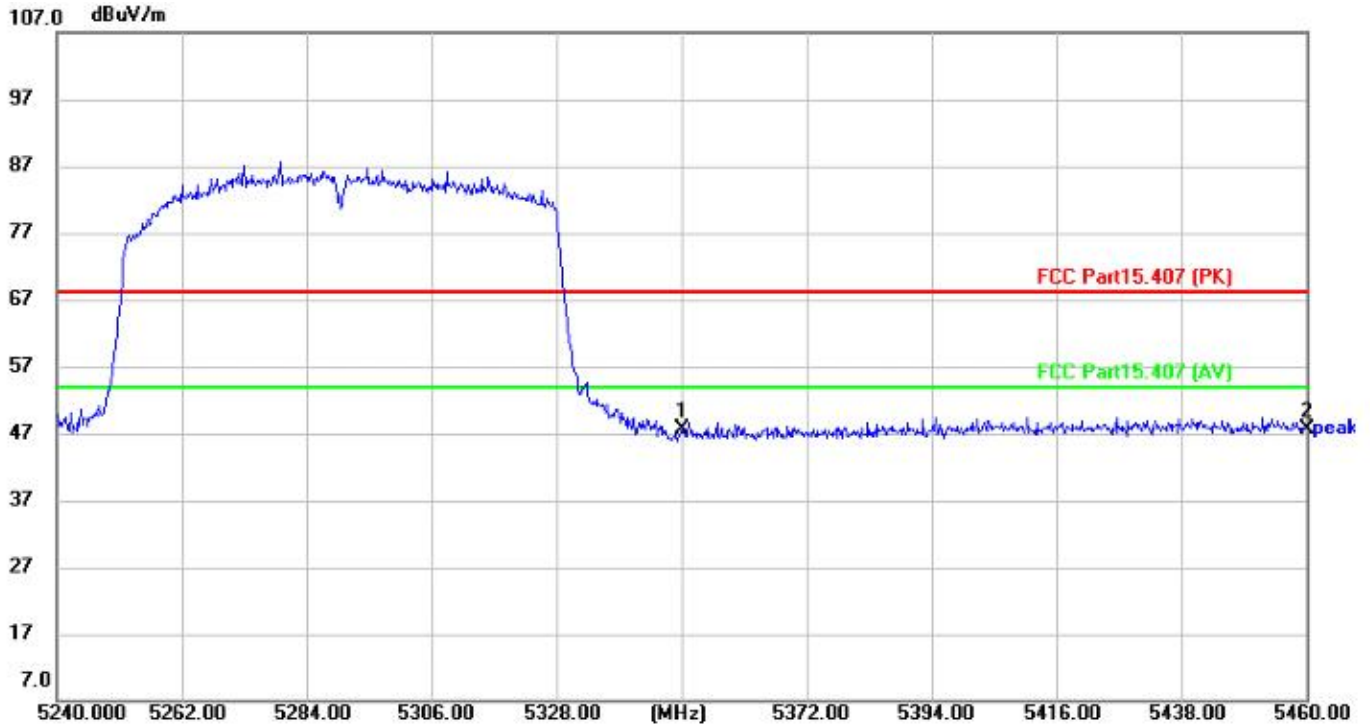


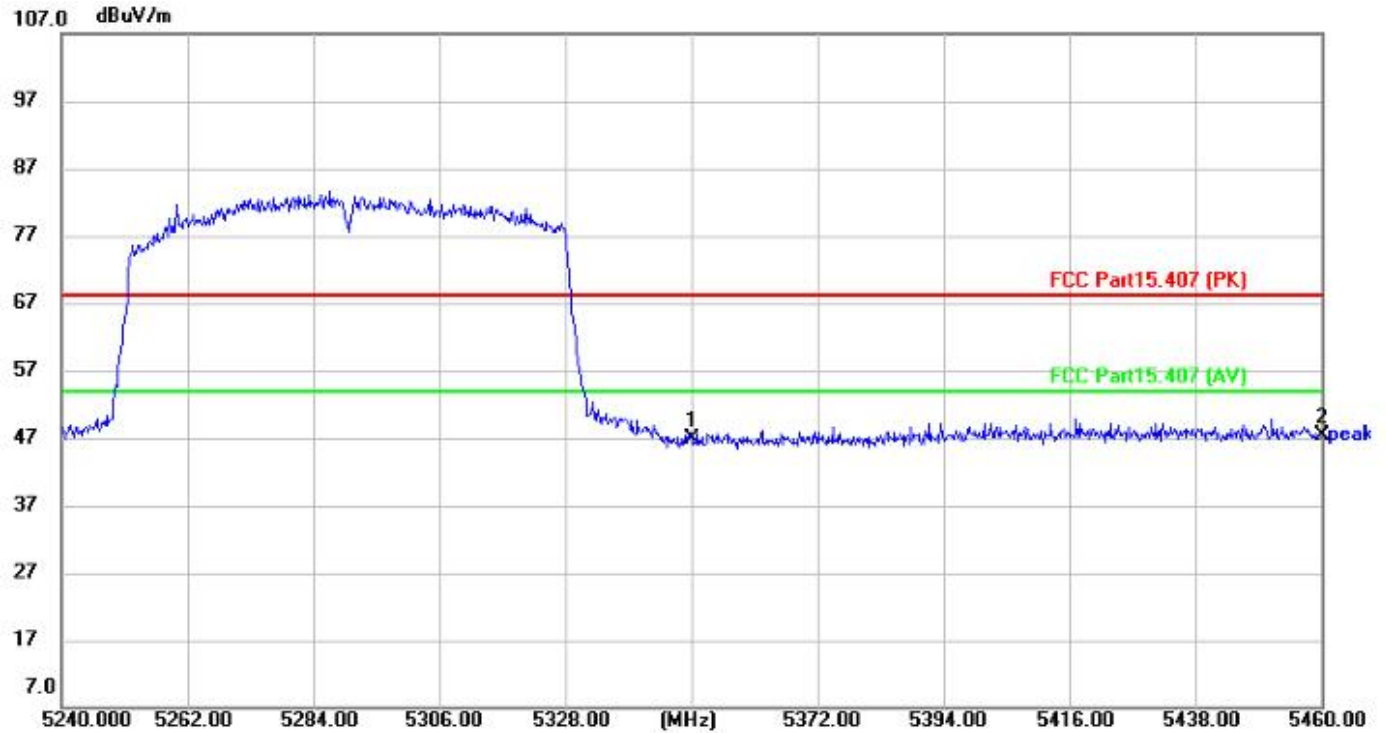
[Test mode: TX 802.11ac 80 5290MHz]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5350.000	42.45	5.21	47.66	68.20	-20.54	peak
2	*	5460.000	41.79	5.91	47.70	68.20	-20.50	peak

Test Result: Pass

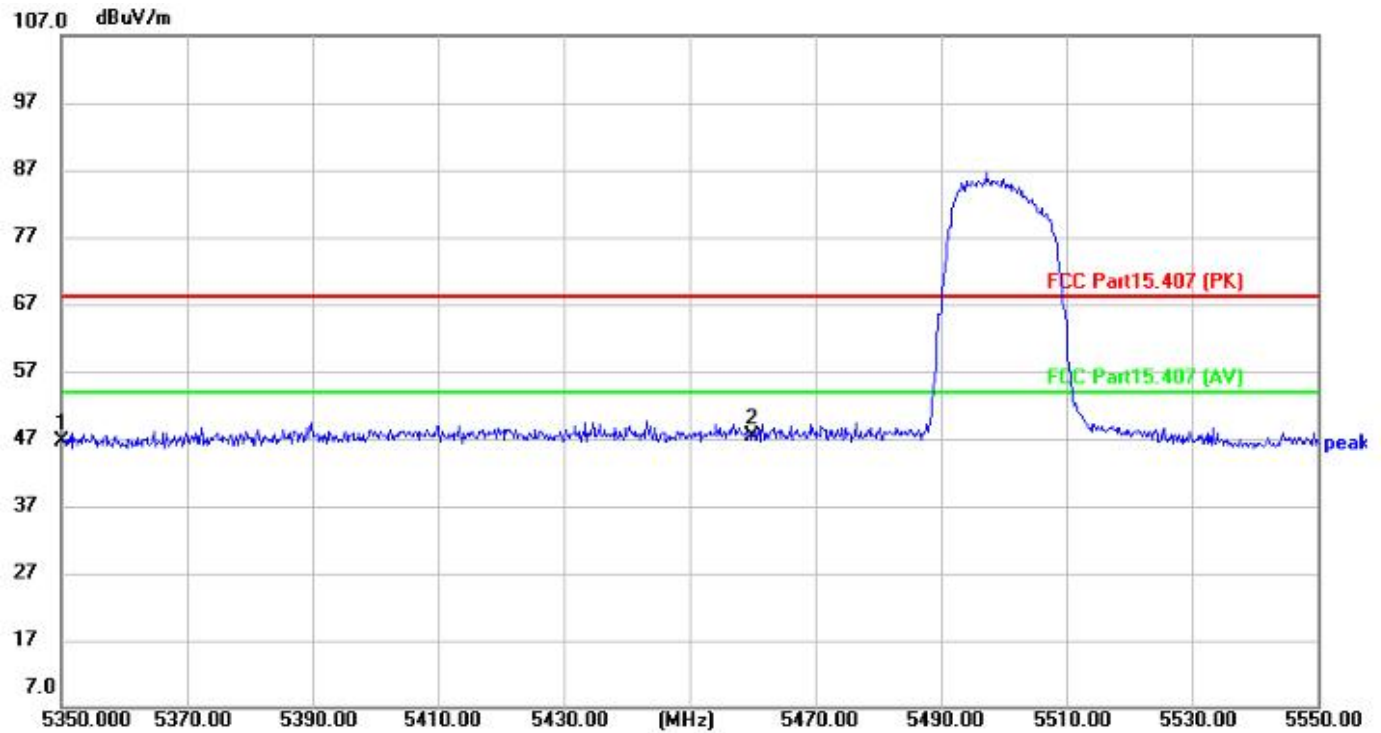
[Test mode: TX 802.11ac 80 5290MHz]; [Polarity: Vertical]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5350.000	41.62	5.21	46.83	68.20	-21.37	peak
2	*	5460.000	41.50	5.91	47.41	68.20	-20.79	peak

Test Result: Pass

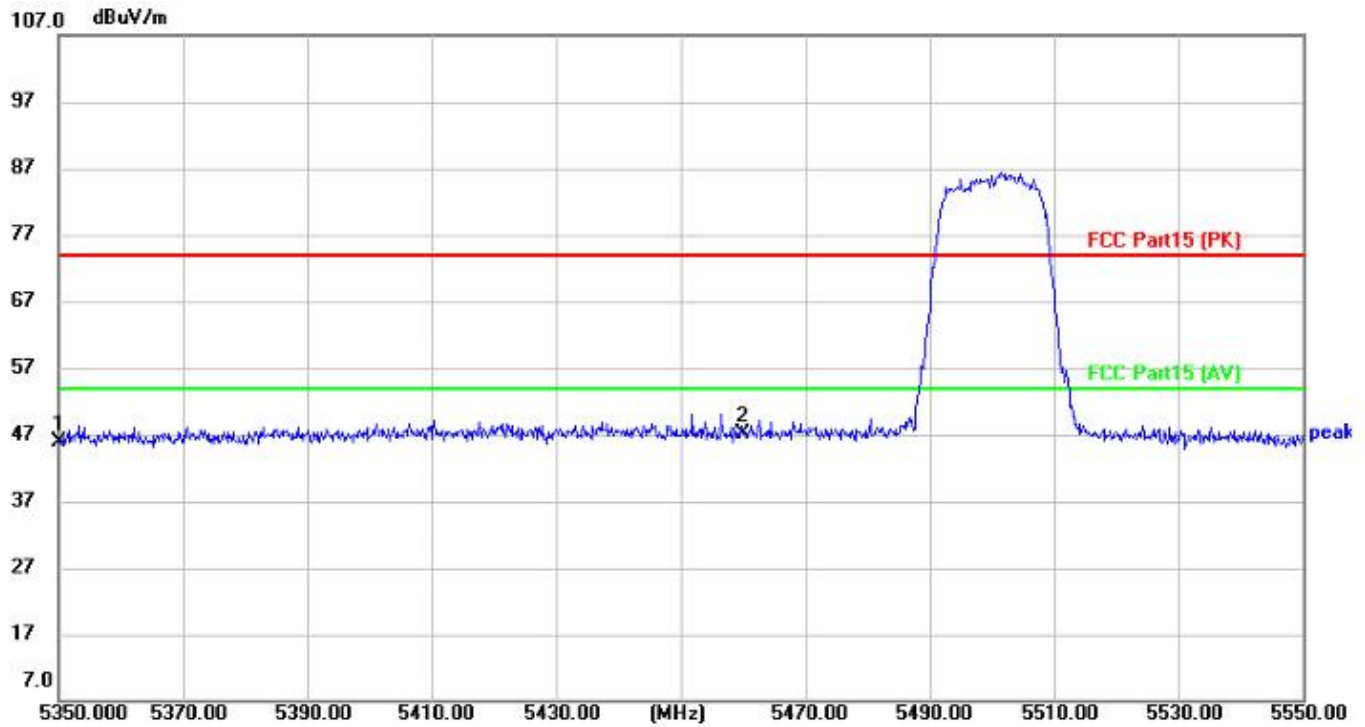
[Test mode: TX low channel 802.11a 5500MHz]; [Polarity: Horizontal]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5350.000	41.53	5.21	46.74	68.20	-21.46	peak
2	*	5460.000	41.48	5.91	47.39	68.20	-20.81	peak

Test Result: Pass

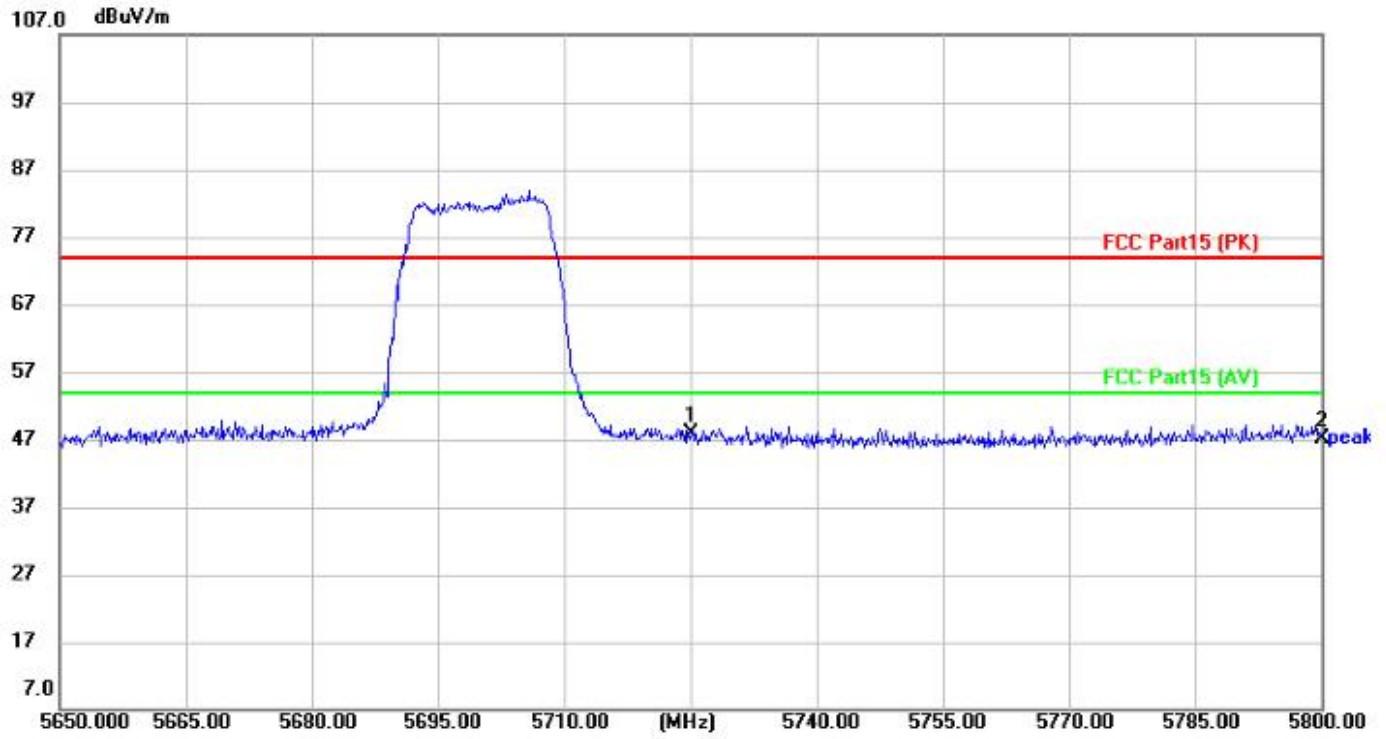
[Test mode:TX low channel 802.11a 5500MHz]; [Polarity: Vertical]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5350.000	40.62	5.21	45.83	74.00	-28.17	peak
2	*	5460.000	41.22	5.91	47.13	74.00	-26.87	peak

Test Result: Pass

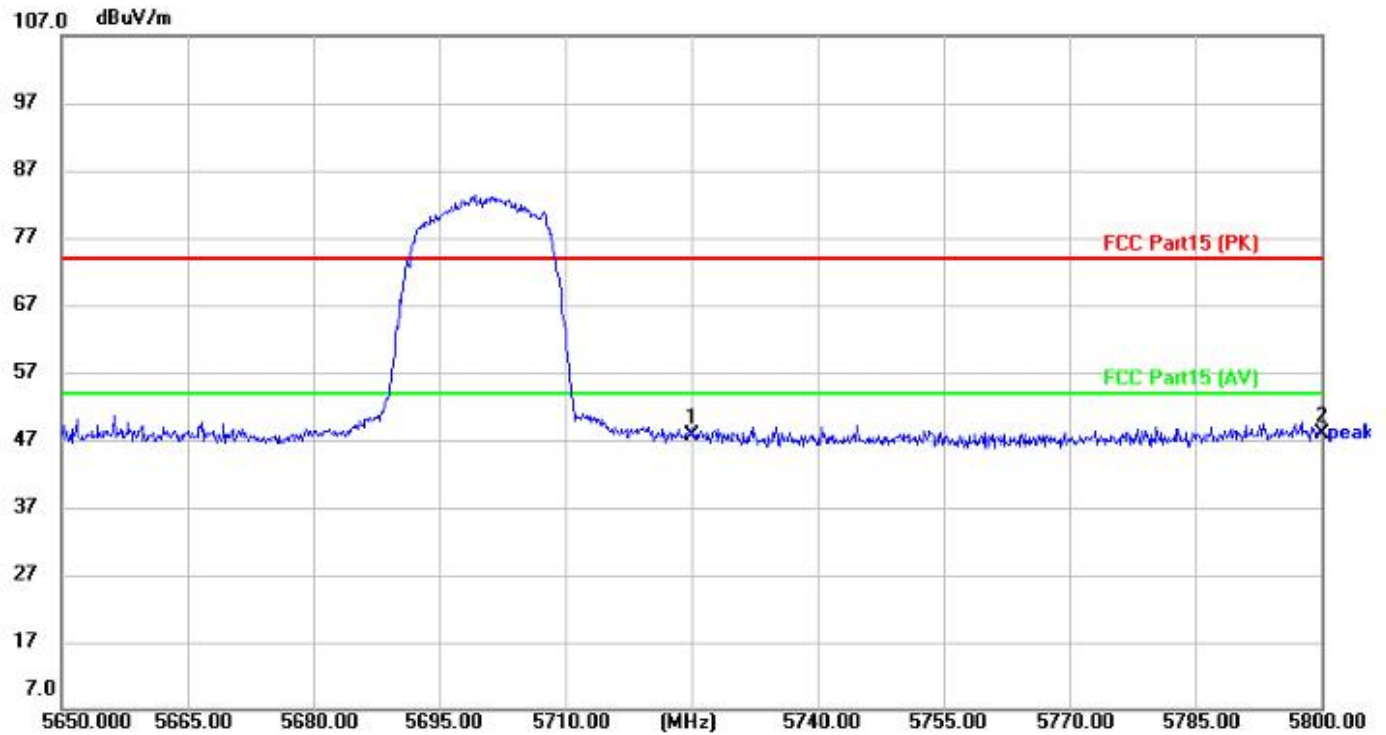
[Test mode: TX high channel 802.11a 5700MHz]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5725.000	41.51	6.36	47.87	74.00	-26.13	peak
2		5800.000	40.31	6.94	47.25	74.00	-26.75	peak

Test Result: Pass

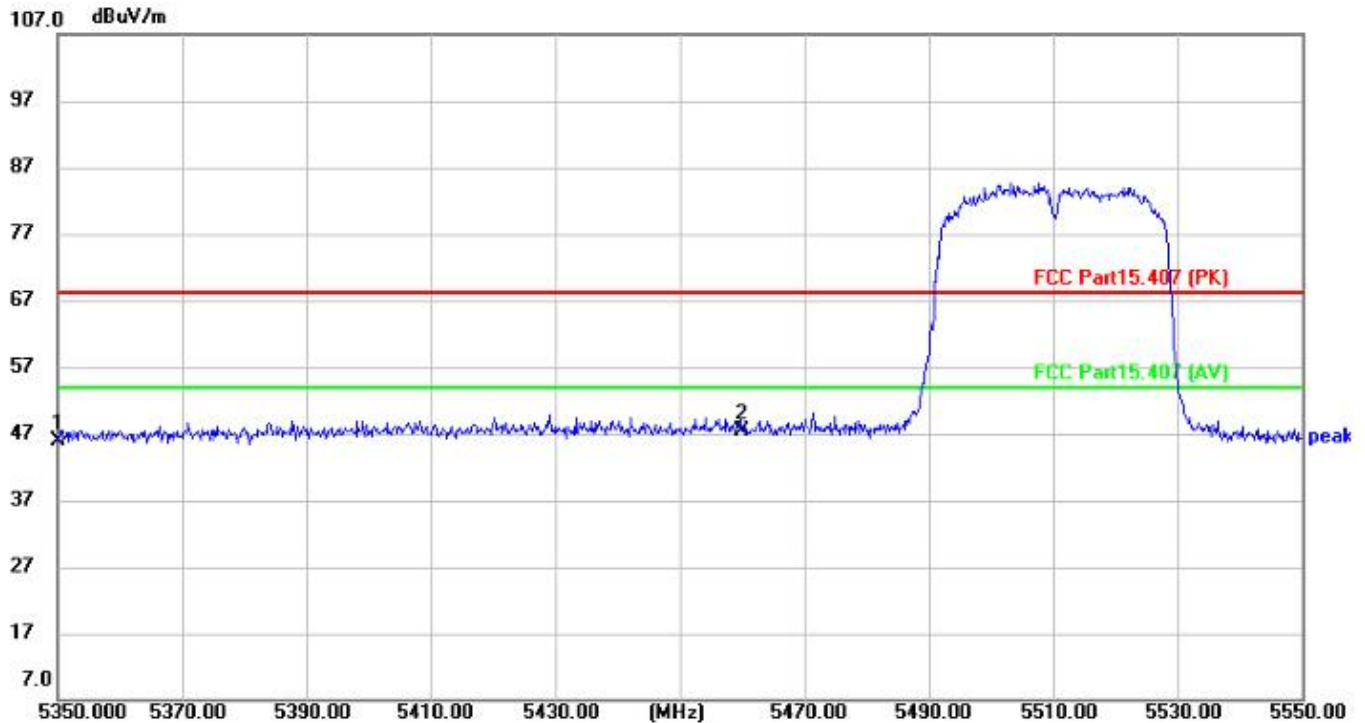
[Test mode:TX high channel 802.11a 5700MHz]; [Polarity: Vertical]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	41.37	6.36	47.73	74.00	-26.27	peak
2	*	5800.000	40.89	6.94	47.83	74.00	-26.17	peak

Test Result: Pass

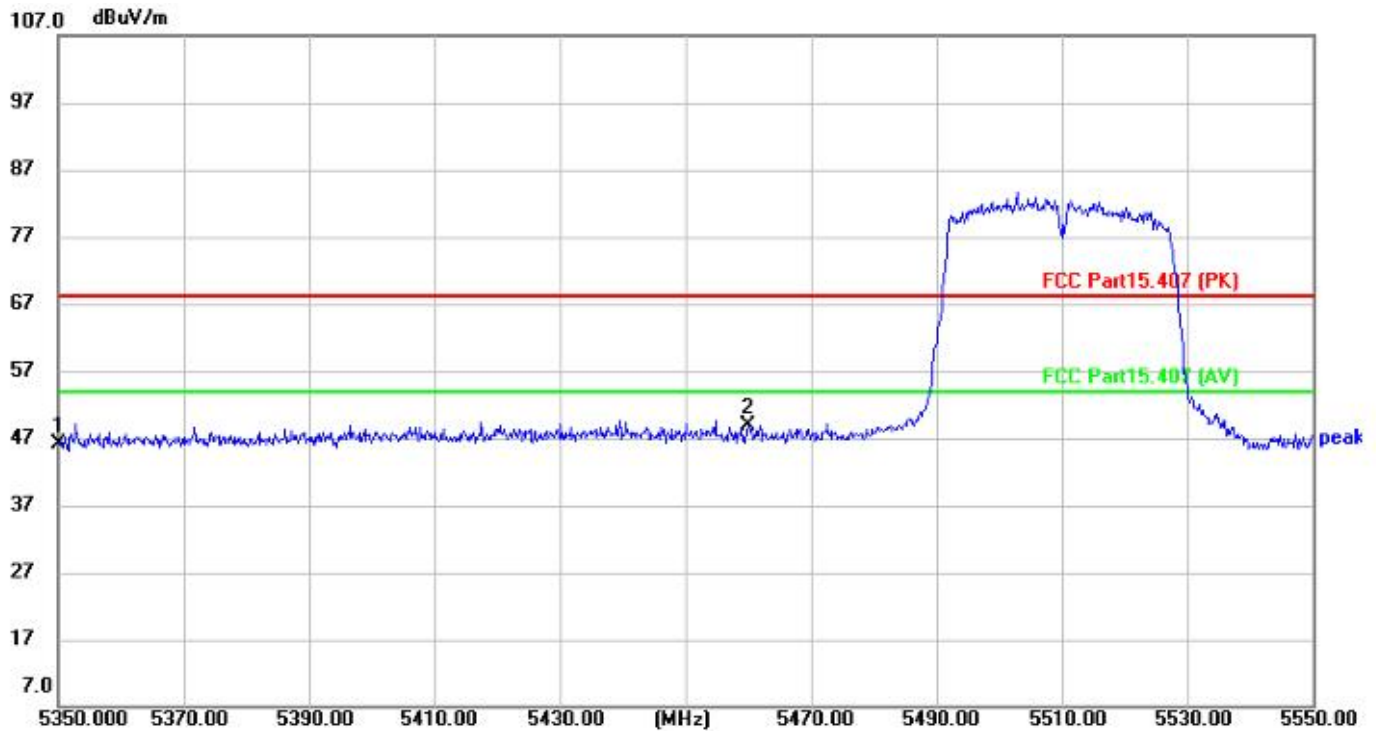
[Test mode: TX low channel 802.11n40 5510MHz]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5350.000	40.57	5.21	45.78	68.20	-22.42	peak
2	*	5460.000	41.45	5.91	47.36	68.20	-20.84	peak

Test Result: Pass

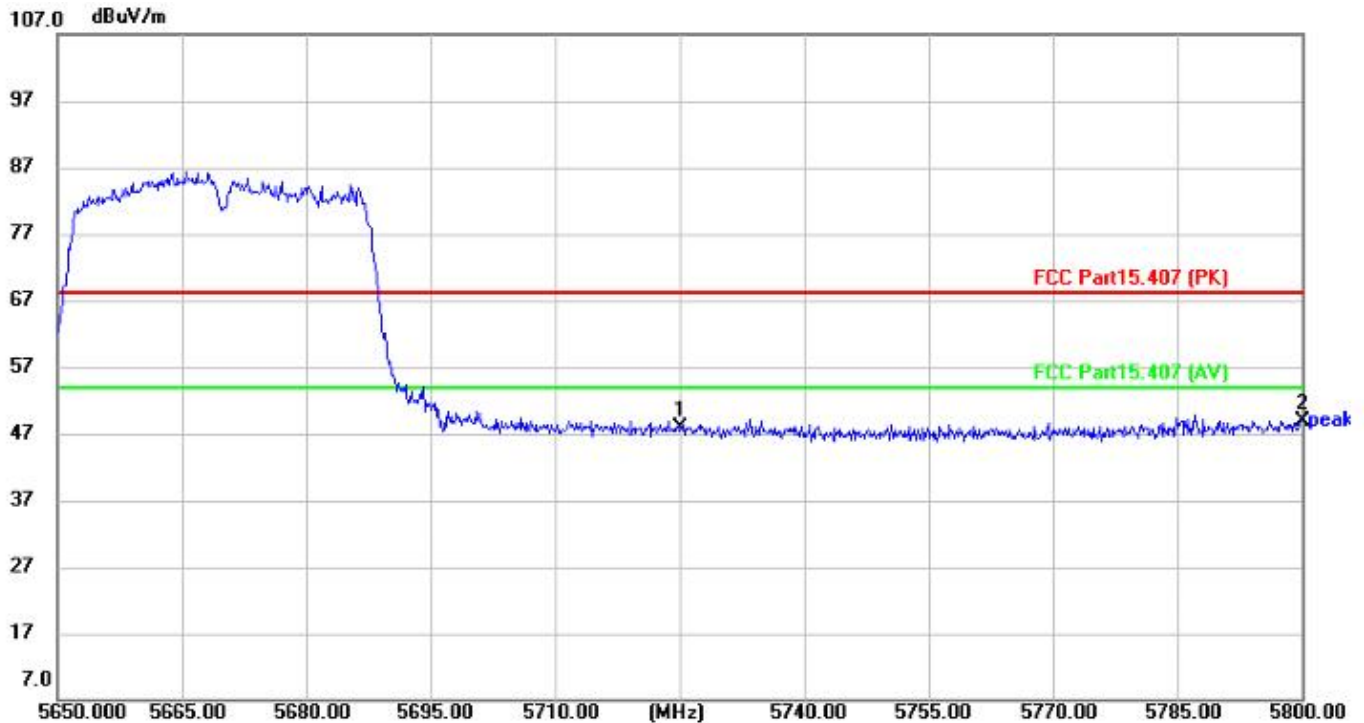
[Test mode: TX low channel 802.11n40 5510MHz]; [Polarity: Vertical]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5350.000	40.93	5.21	46.14	68.20	-22.06	peak
2	*	5460.000	42.96	5.91	48.87	68.20	-19.33	peak

Test Result: Pass

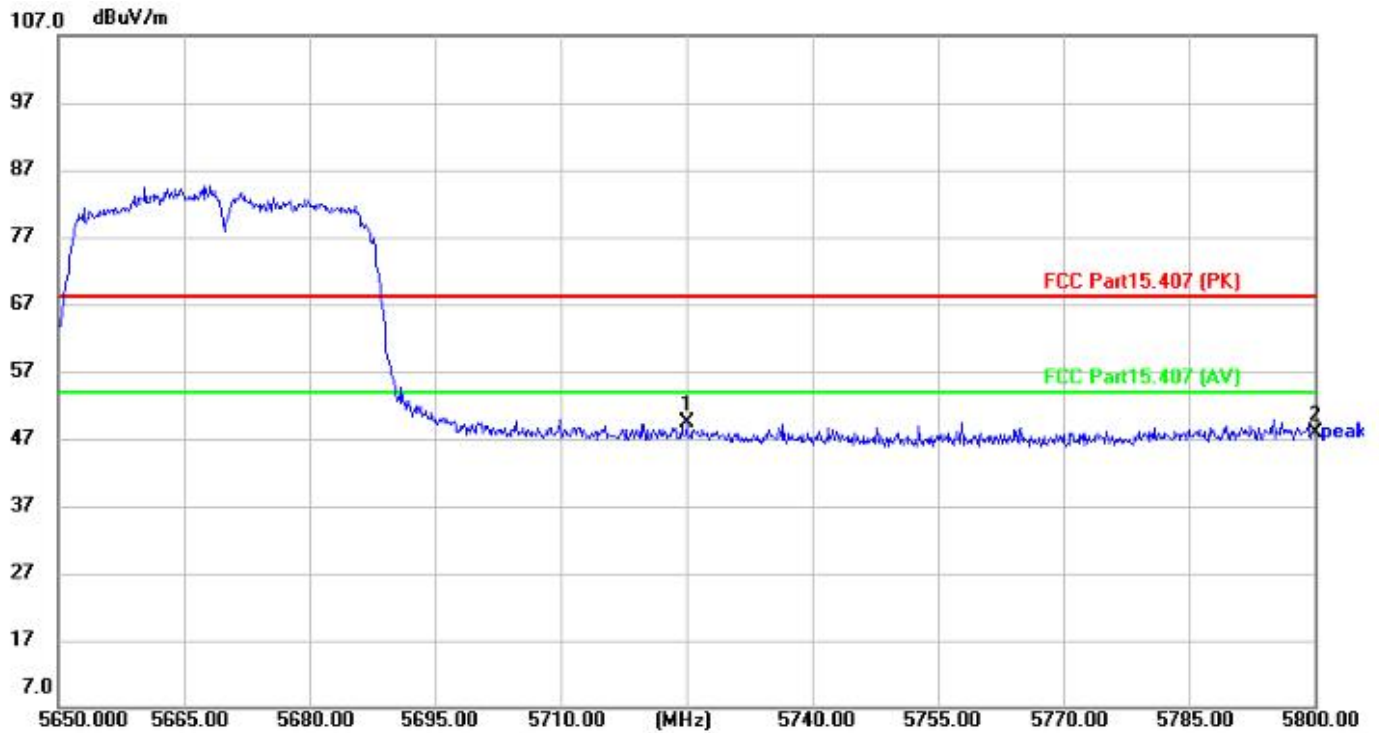
[Test mode: TX high channel 802.11n40 5670MHz]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5725.000	41.43	6.36	47.79	68.20	-20.41	peak
2	*	5800.000	41.92	6.94	48.86	68.20	-19.34	peak

Test Result: Pass

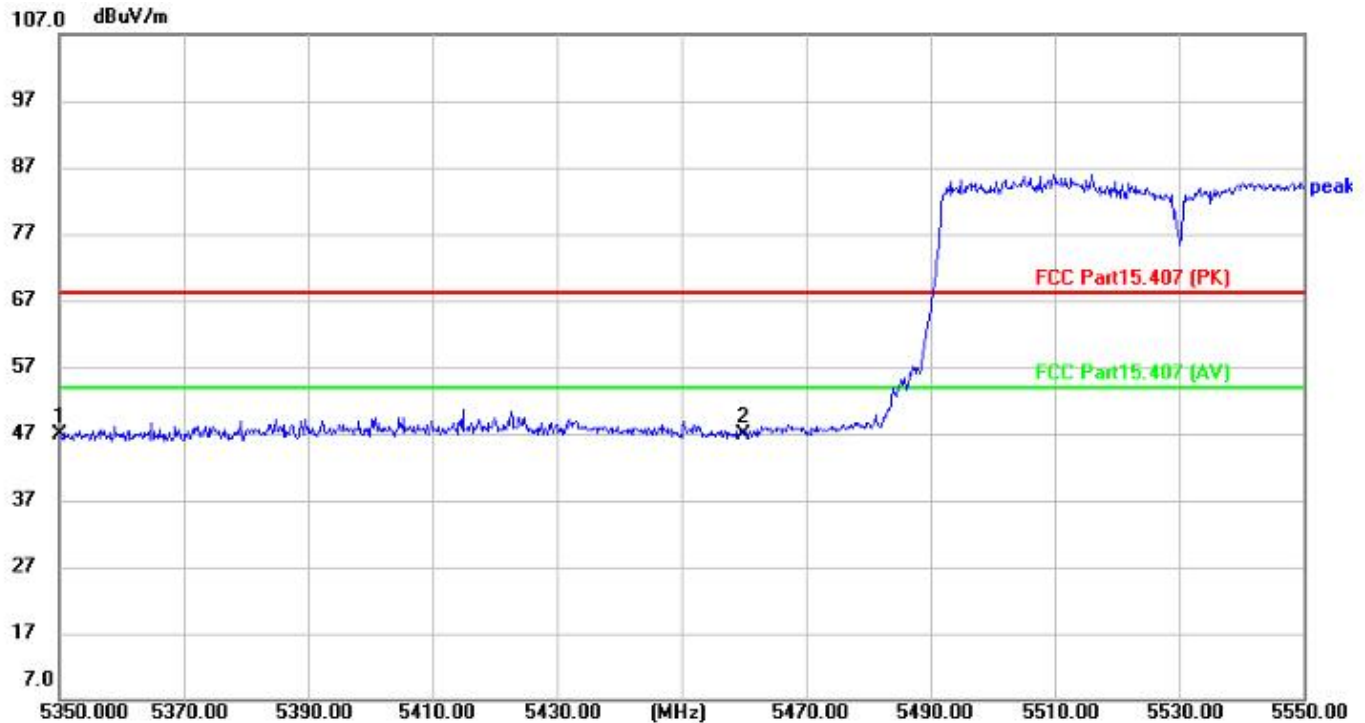
[Test mode: TX high channel 802.11n40 5670MHz]; [Polarity: Vertical]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5725.000	43.14	6.36	49.50	68.20	-18.70	peak
2		5800.000	40.98	6.94	47.92	68.20	-20.28	peak

Test Result: Pass

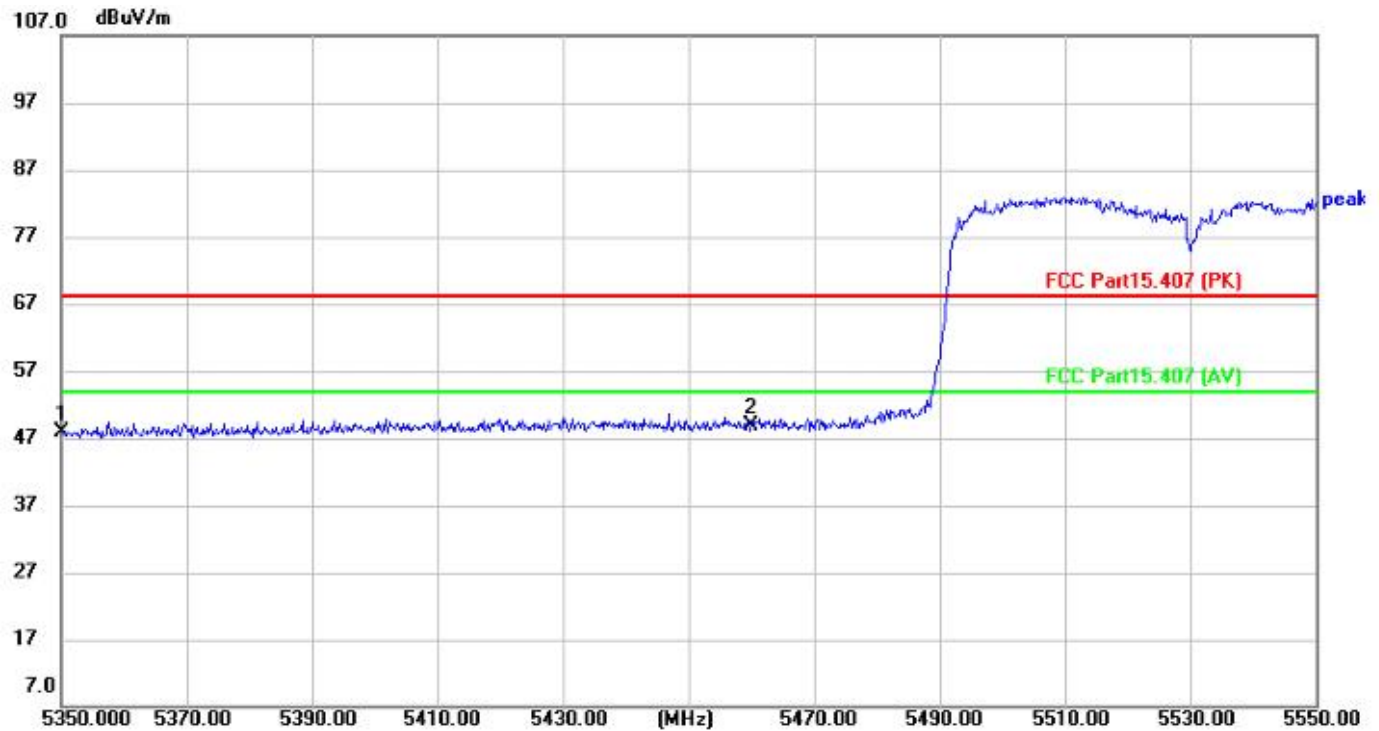
[Test mode: TX 802.11ac 80 5530MHz]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5350.000	41.62	5.21	46.83	68.20	-21.37	peak
2		5460.000	40.90	5.91	46.81	68.20	-21.39	peak

Test Result: Pass

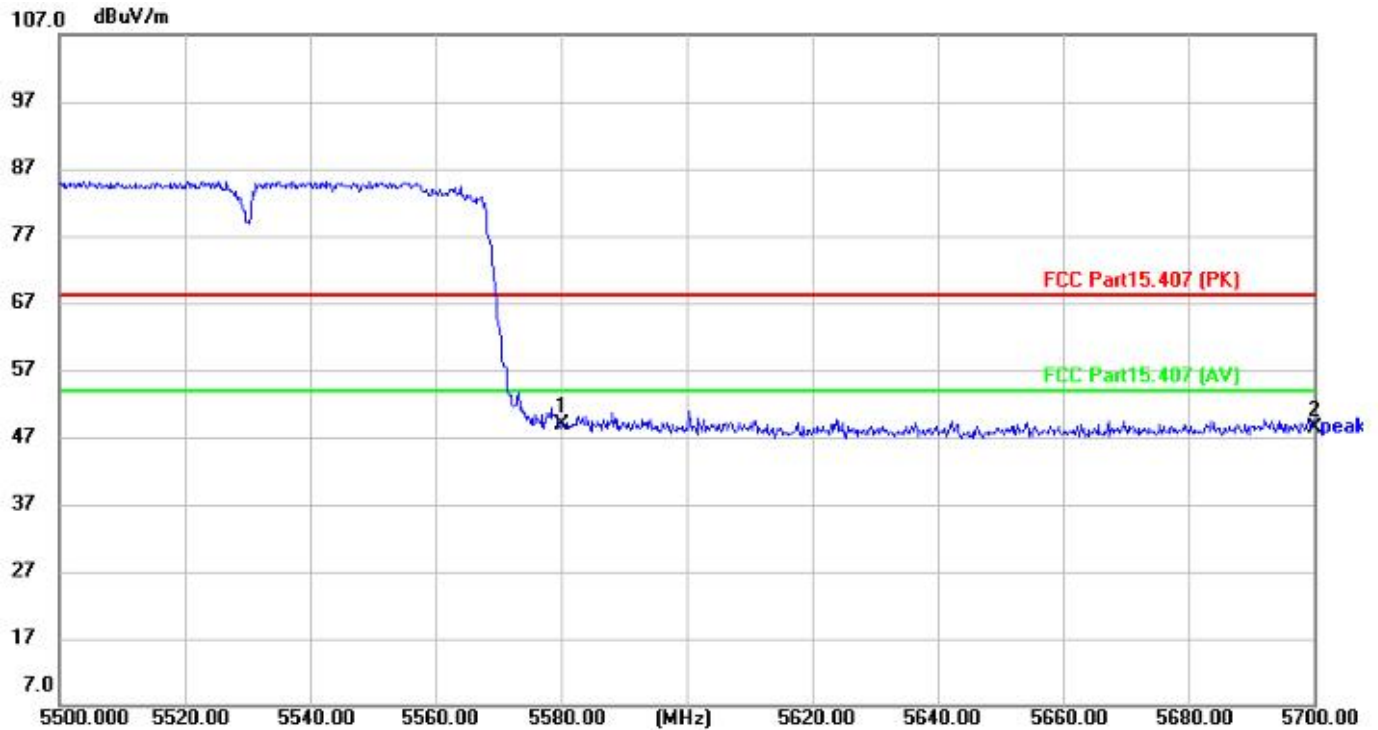
[Test mode: TX 802.11ac 80 5530MHz]; [Polarity: Vertical]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5350.000	42.75	5.21	47.96	68.20	-20.24	peak
2	*	5460.000	42.96	5.91	48.87	68.20	-19.33	peak

Test Result: Pass

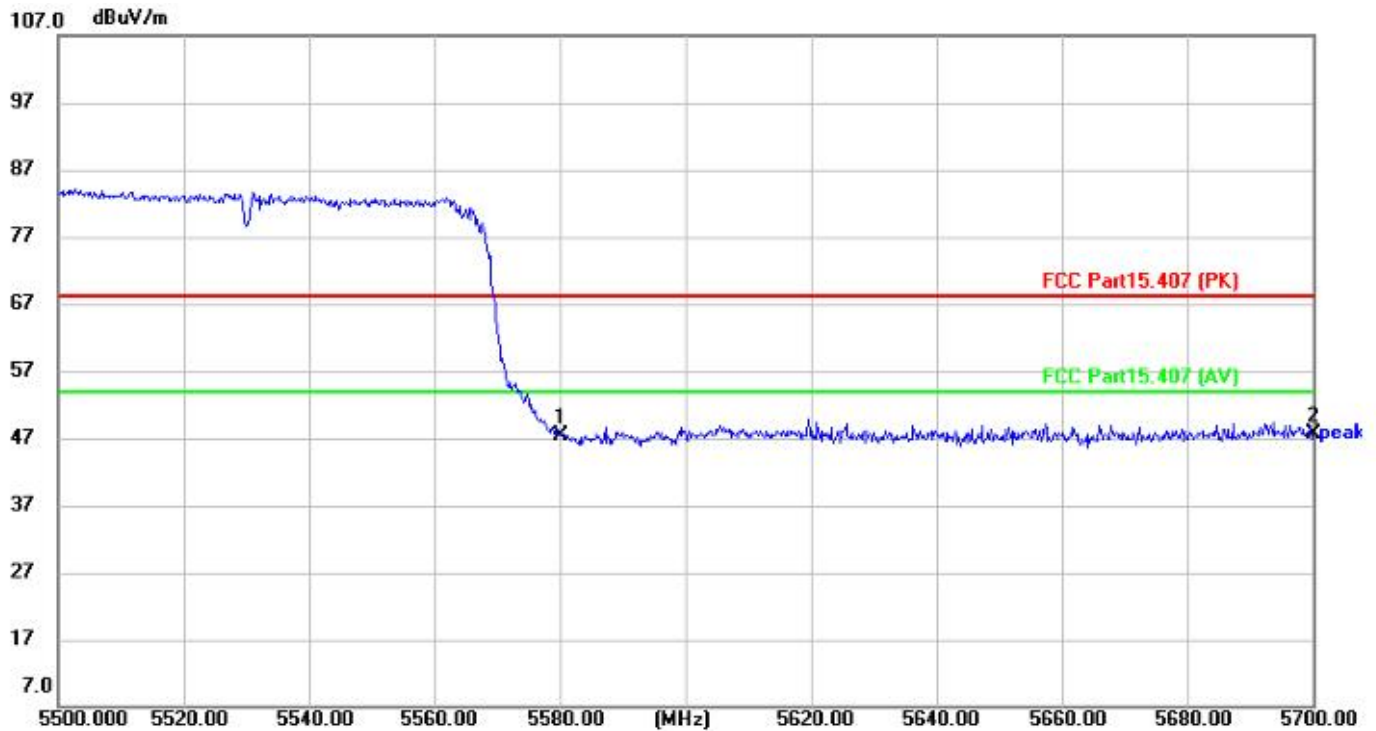
[Test mode: TX 802.11ac 80 5530MHz]; [Polarity: Horizontal]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5580.000	42.87	6.13	49.00	68.20	-19.20	peak
2		5700.000	41.52	6.79	48.31	68.20	-19.89	peak

Test Result: Pass

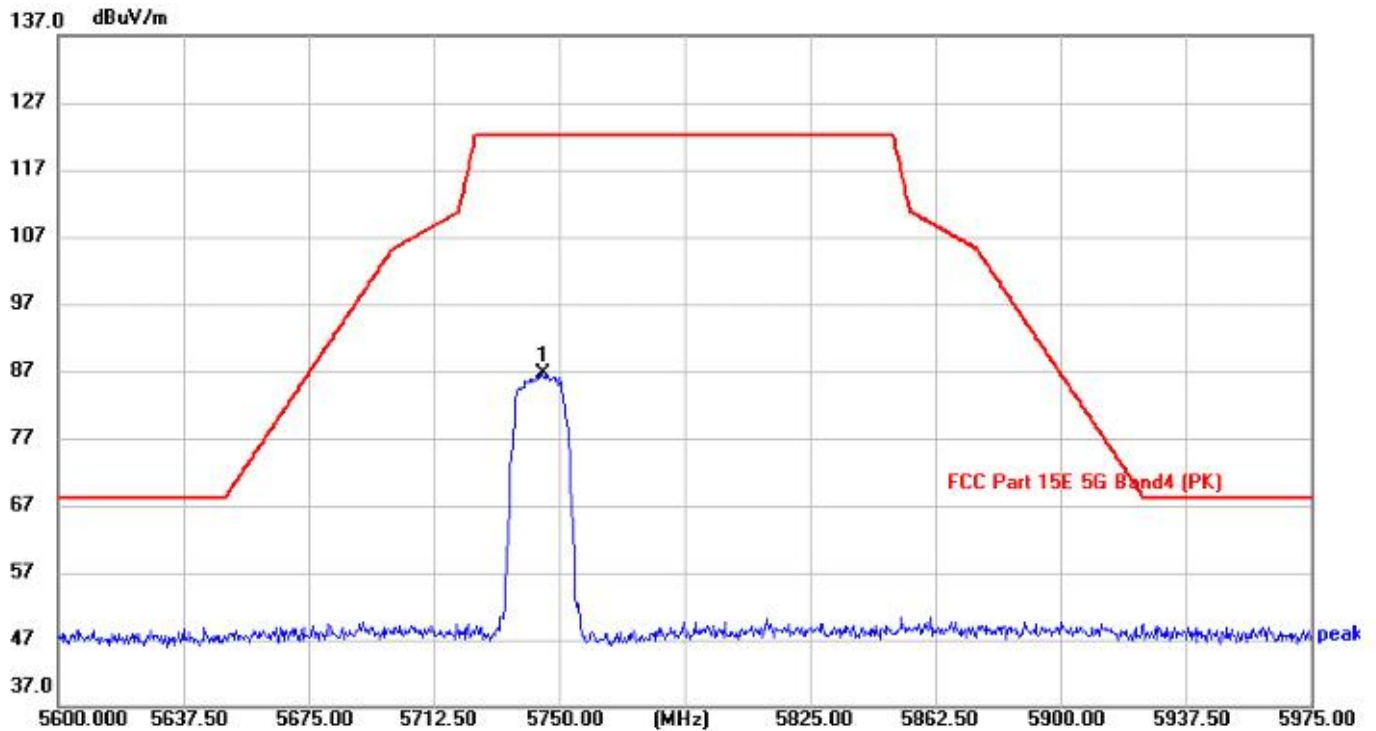
[Test mode: TX 802.11ac 80 5530MHz]; [Polarity: Vertical]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5580.000	41.33	6.13	47.46	68.20	-20.74	peak
2	*	5700.000	40.90	6.79	47.69	68.20	-20.51	peak

Test Result: Pass

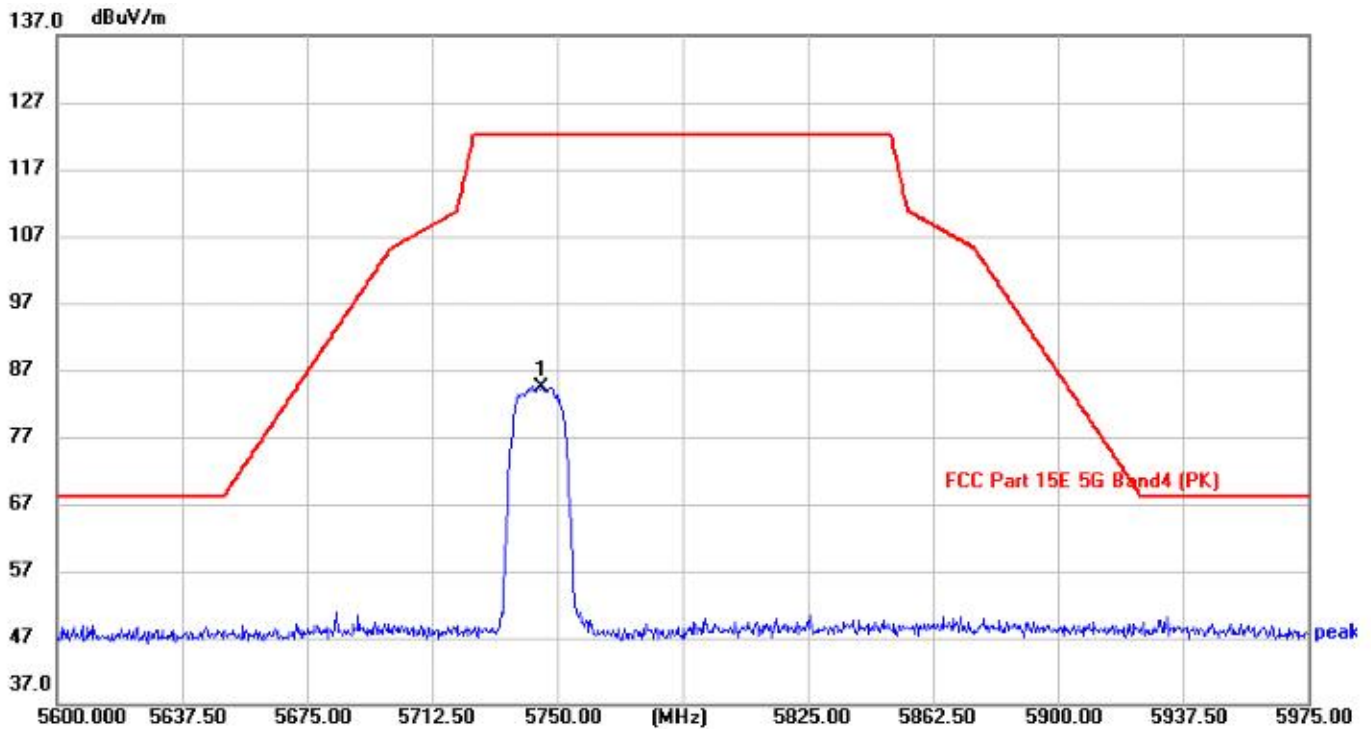
[Test mode: TX low channel 802.11a 5745MHz]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5745.125	80.69	6.01	86.70	122.2	-35.50	peak

Test Result: Pass

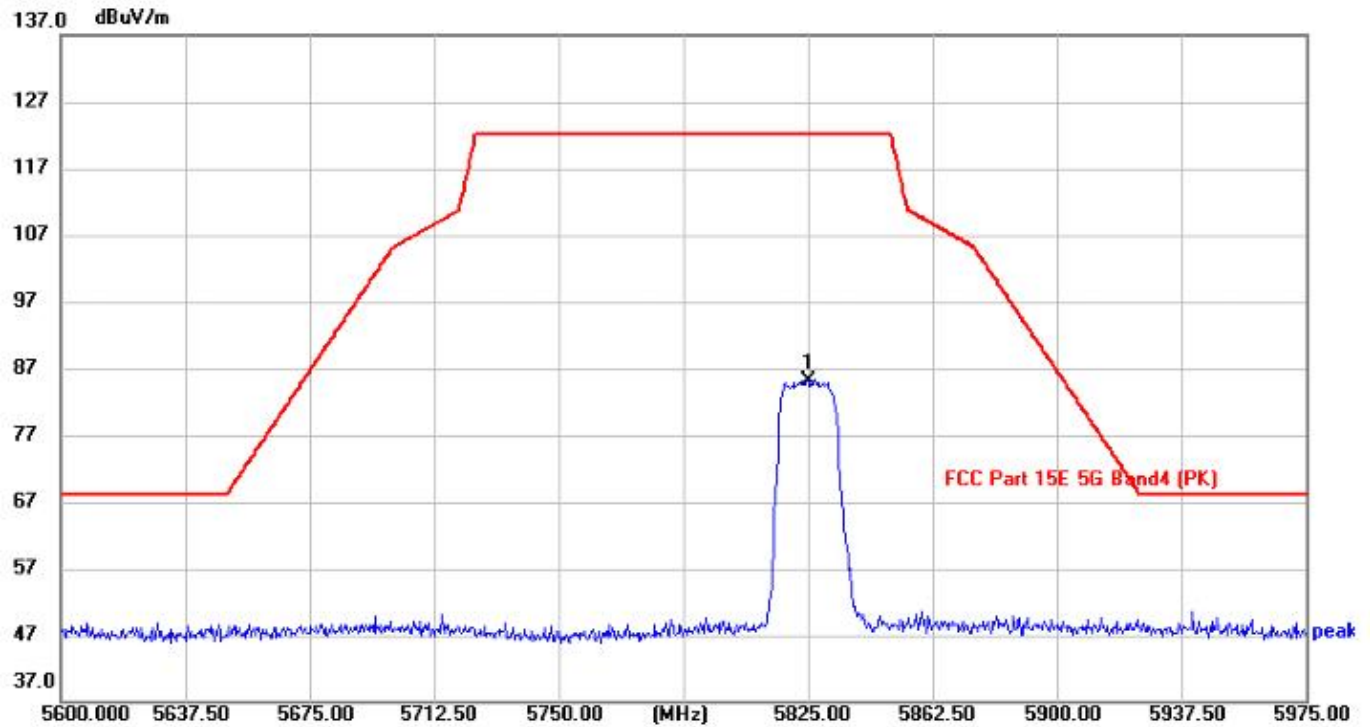
[Test mode:TX low channel 802.11a 5745MHz]; [Polarity: Vertical]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5745.125	78.28	6.01	84.29	122.2	-37.91	peak

Test Result: Pass

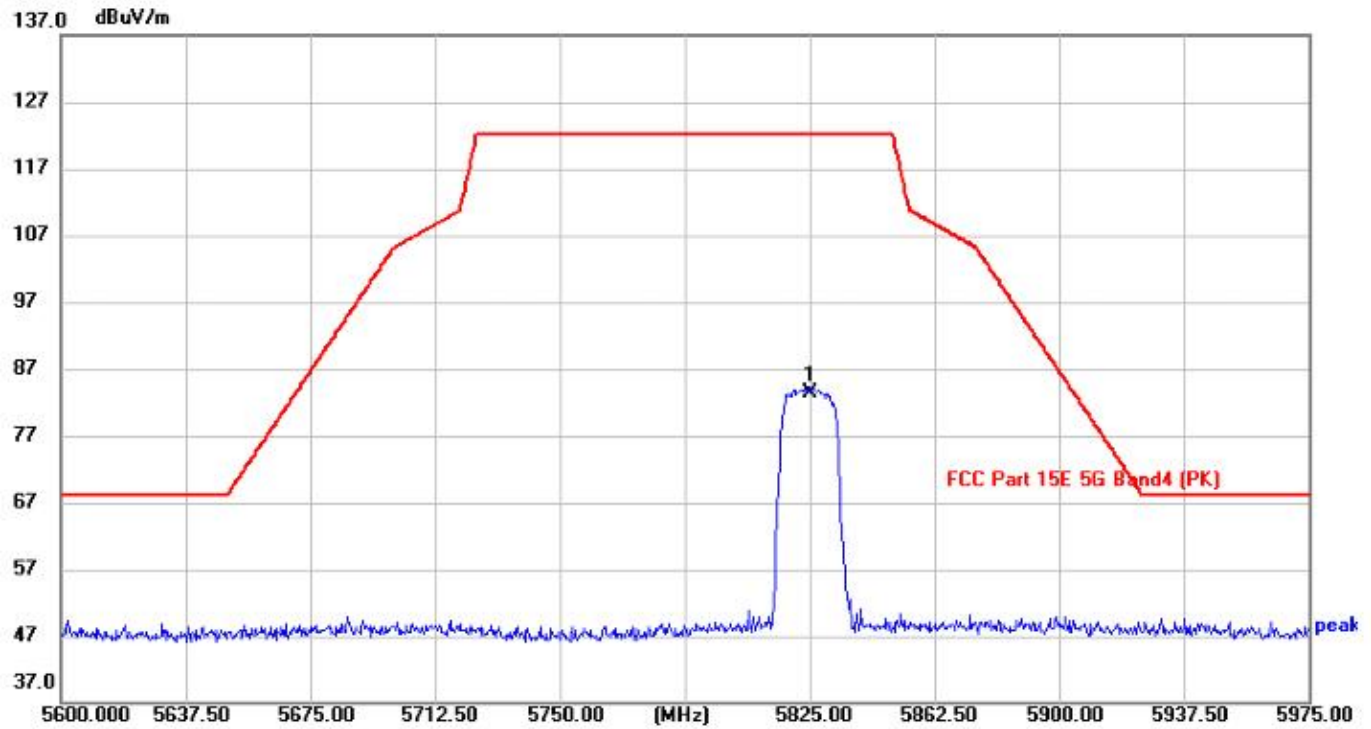
[Test mode: TX high channel 802.11a 5825MHz]; [Polarity: Horizontal]



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5825.000	78.34	6.85	85.19	122.2	-37.01	peak

Test Result: Pass

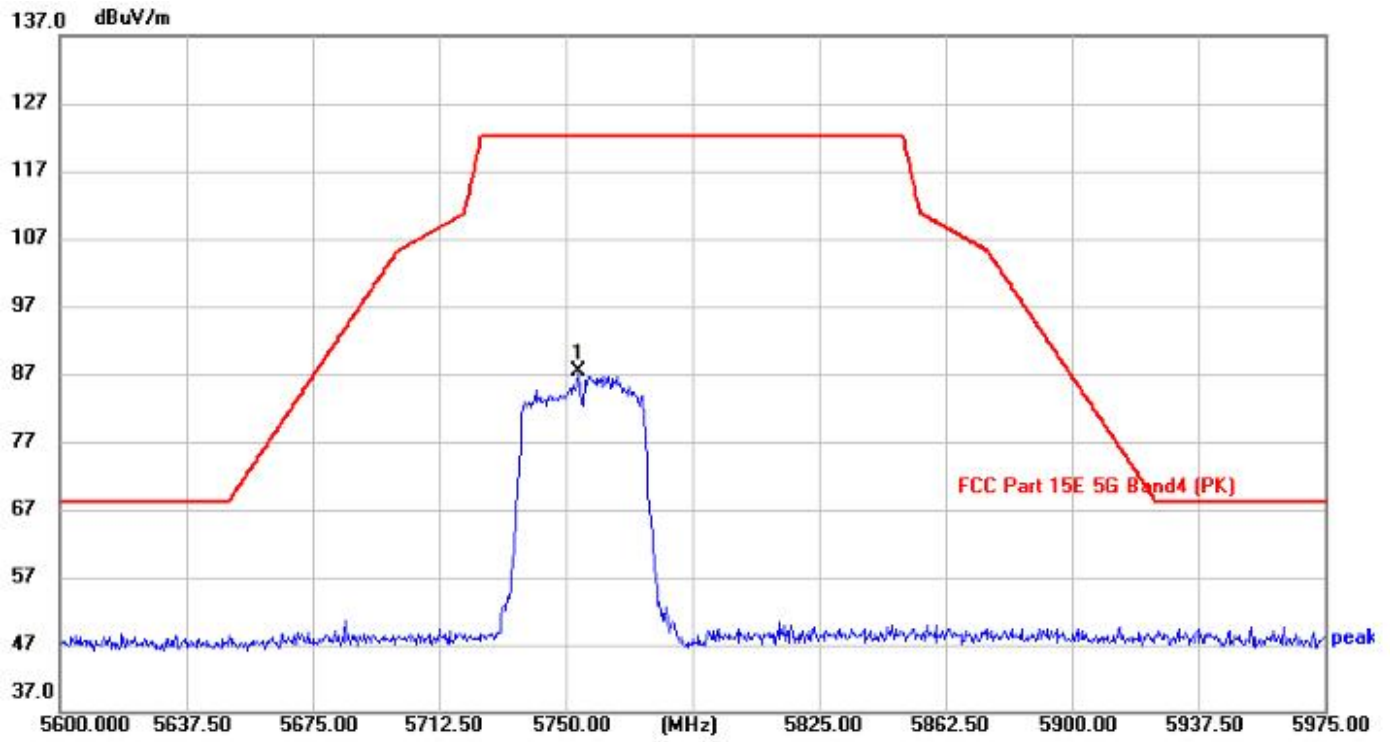
[Test mode:TX high channel 802.11a 5825MHz]; [Polarity: Vertical]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5825.000	76.65	6.85	83.50	122.2	-38.70	peak

Test Result: Pass

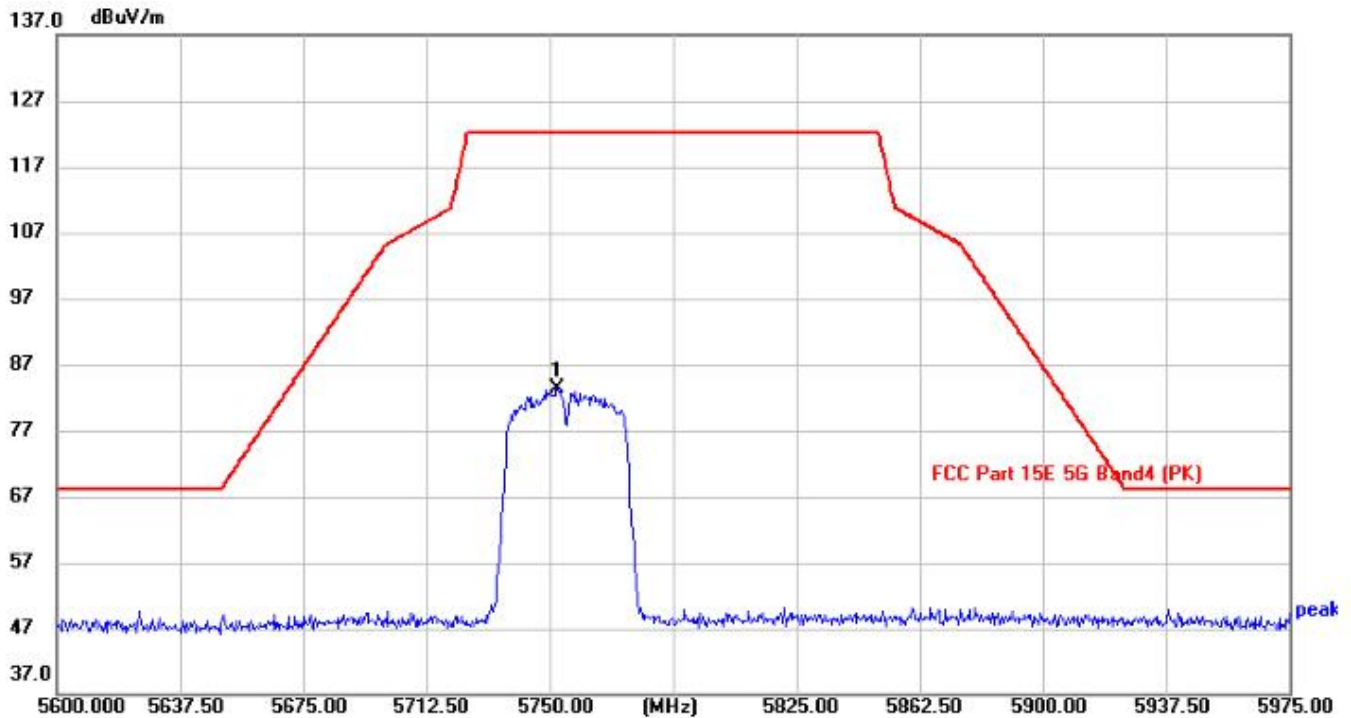
[Test mode: TX low channel 802.11n40 5755MHz]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5753.750	81.27	5.99	87.26	122.2	-34.94	peak

Test Result: Pass

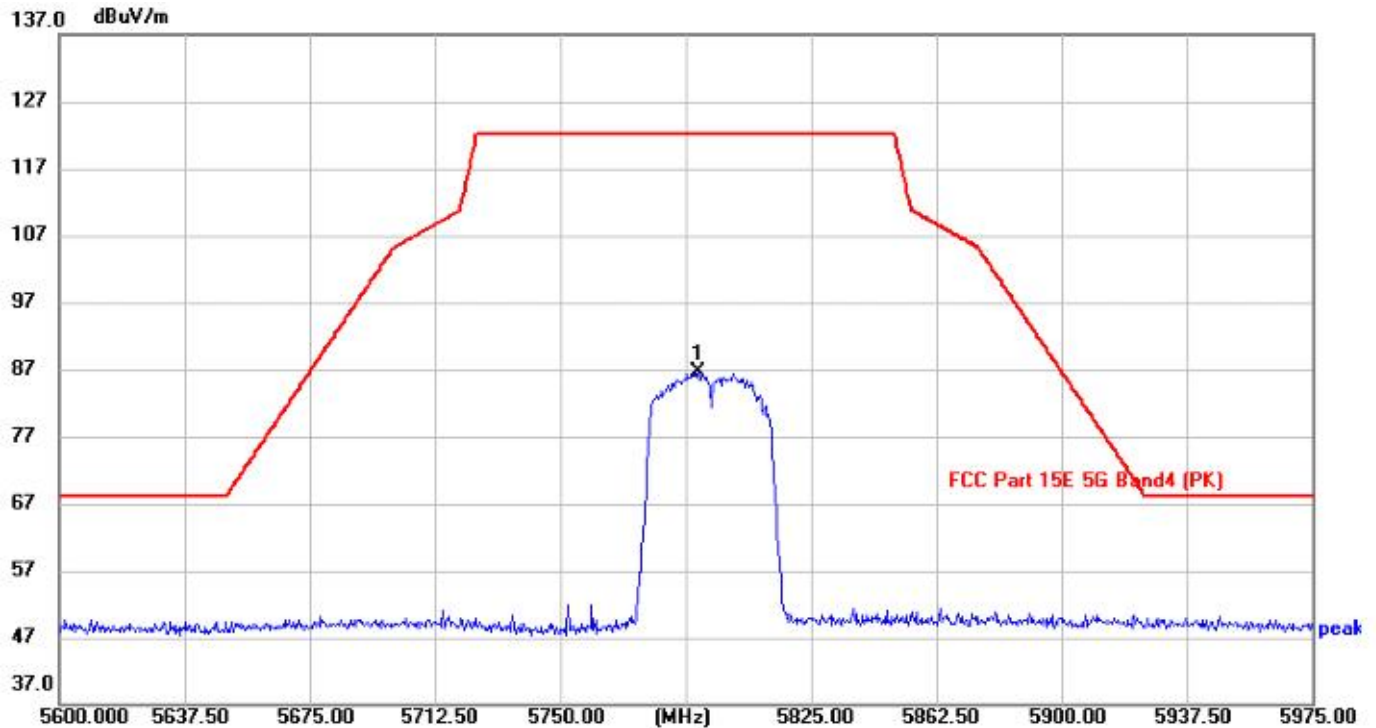
[Test mode: TX low channel 802.11n40 5755MHz]; [Polarity: Vertical]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5752.250	77.54	5.96	83.50	122.2	-38.70	peak

Test Result: Pass

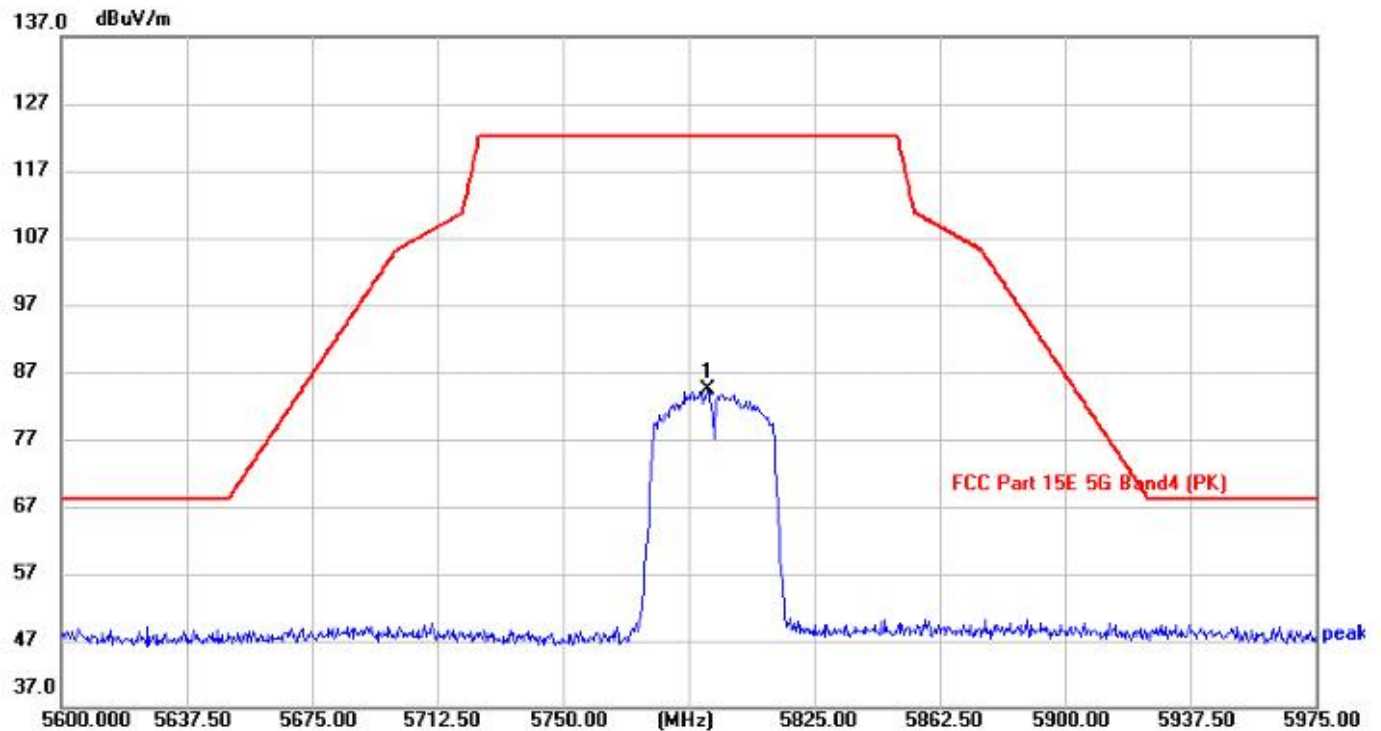
[Test mode: TX high channel 802.11n40 5795MHz]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5791.250	79.97	6.76	86.73	122.2	-35.47	peak

Test Result: Pass

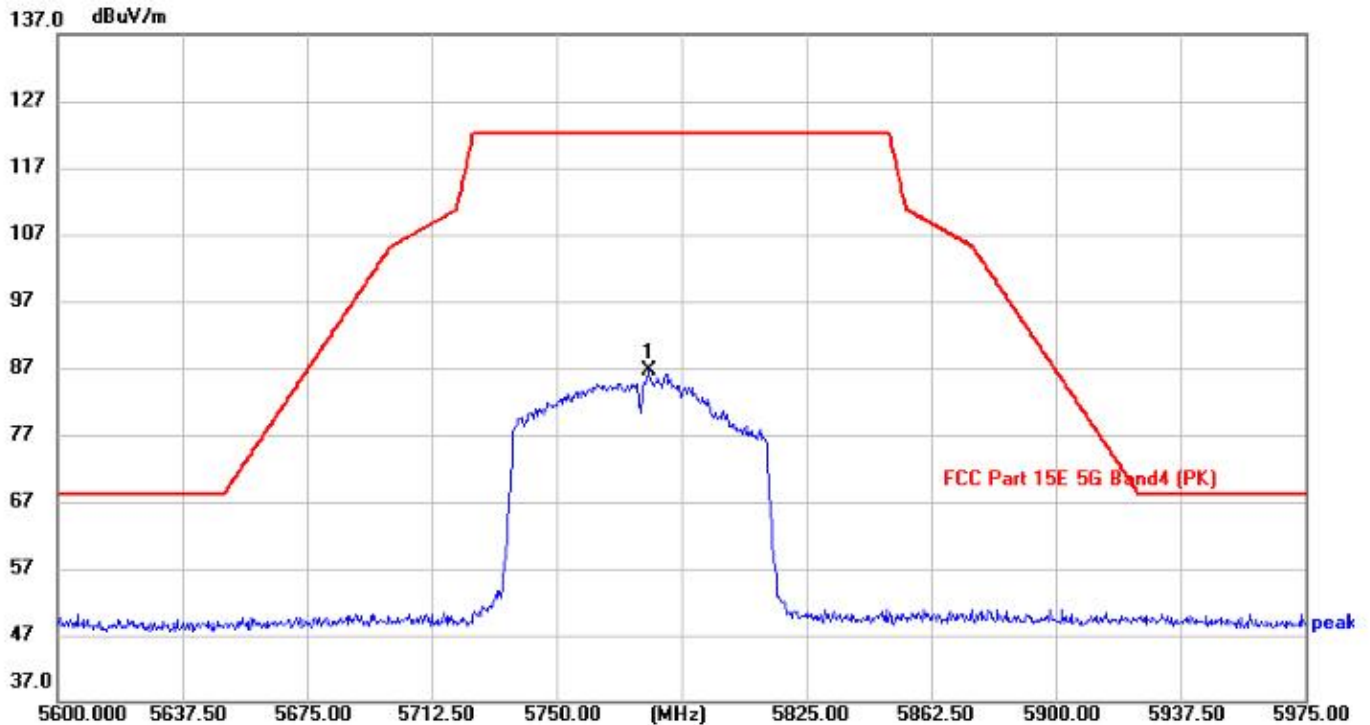
[Test mode: TX high channel 802.11n40 5795MHz]; [Polarity: Vertical]



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			Detector
			dBuV	dB	dBuV/m	dBuV/m	dB	
1	*	5793.125	77.58	6.80	84.38	122.2	-37.82	peak

Test Result: Pass

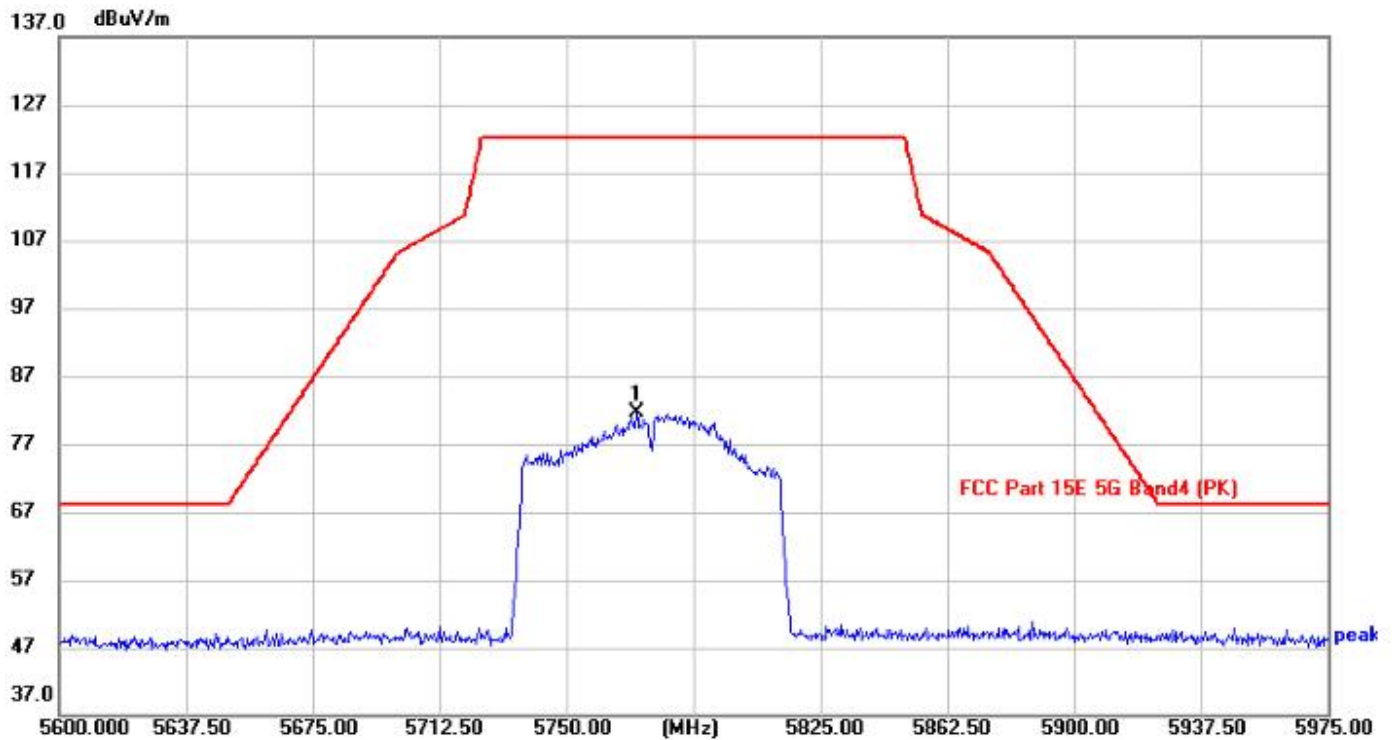
[Test mode: TX low channel 802.11ac 80 5775MHz]; [Polarity: Horizontal]



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5777.750	80.09	6.48	86.57	122.2	-35.63	peak

Test Result: Pass

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



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5770.625	75.41	6.33	81.74	122.2	-40.46	peak

Test Result: Pass

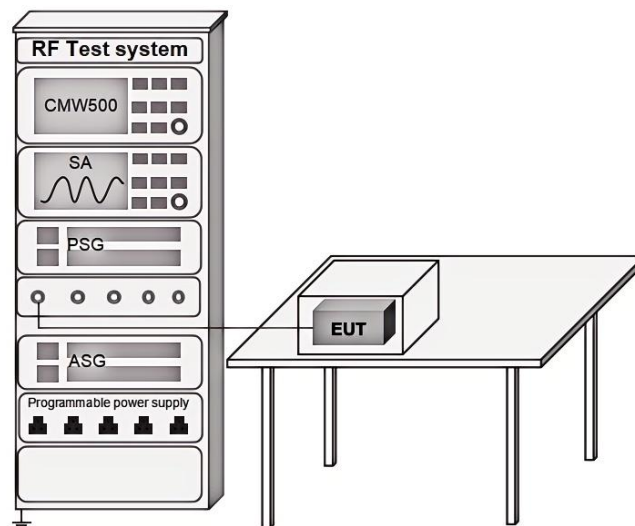
6.12 DFS: Channel Closing Transmission Time

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

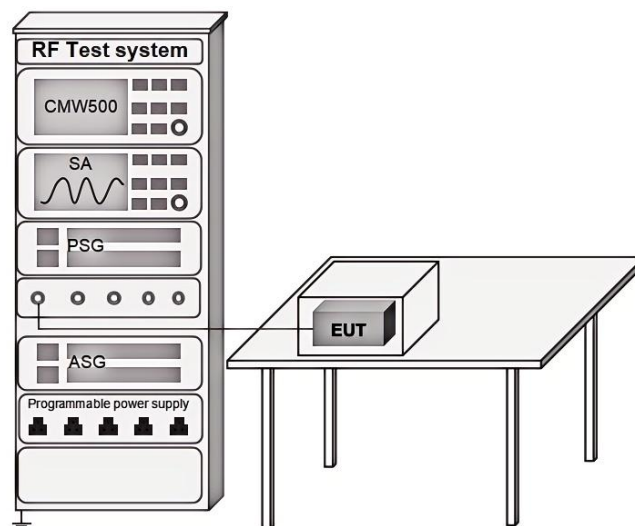
6.13 DFS: Non-occupancy period

Test Standard	47 CFR Part 15, Subpart E 15.407(h)(2)
Test Method	KDB 905462 D02 Section 7.8.3
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	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 3.80V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
25°C 3.42V	a	5180	Ant1	5180.04	44000.00	8.49	25	Pass
25°C 4.18V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-30°C 3.80V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20°C 3.80V	a	5180	Ant1	5180.02	20000	3.86	25	Pass
-10°C 3.80V	a	5180	Ant1	5180	0	0	25	Pass
0°C 3.80V	a	5180	Ant1	5180.01	9500.00	1.83	25	Pass
10°C 3.80V	a	5180	Ant1	5180.03	30500.00	5.89	25	Pass
20°C 3.80V	a	5180	Ant1	5180	0	0	25	Pass
30°C 3.80V	a	5180	Ant1	5180.04	44000.00	8.49	25	Pass
40°C 3.80V	a	5180	Ant1	5180.01	9500.00	1.83	25	Pass
50°C 3.80V	a	5180	Ant1	5180.03	30500.00	5.89	25	Pass
25°C 3.80V	a	5200	Ant1	5200	0	0	25	Pass
25°C 3.42V	a	5200	Ant1	5200.05	46500.00	8.94	25	Pass
25°C 4.18V	a	5200	Ant1	5200	0	0	25	Pass
-30°C 3.80V	a	5200	Ant1	5200	0	0	25	Pass
-20°C 3.80V	a	5200	Ant1	5200	0	0	25	Pass
-10°C 3.80V	a	5200	Ant1	5200.02	20000	3.85	25	Pass
0°C 3.80V	a	5200	Ant1	5200.01	10000.00	1.92	25	Pass
10°C 3.80V	a	5200	Ant1	5200.01	10000.00	1.92	25	Pass
20°C 3.80V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
30°C 3.80V	a	5200	Ant1	5200.05	46500.00	8.94	25	Pass
40°C 3.80V	a	5200	Ant1	5200.01	10000.00	1.92	25	Pass
50°C 3.80V	a	5200	Ant1	5200.05	46500.00	8.94	25	Pass
25°C 3.80V	a	5240	Ant1	5240.02	20000	3.82	25	Pass
25°C 3.42V	a	5240	Ant1	5240	0	0	25	Pass
25°C 4.18V	a	5240	Ant1	5240	0	0	25	Pass
-30°C 3.80V	a	5240	Ant1	5240.02	20000	3.82	25	Pass

-20°C 3.80V	a	5240	Ant1	5240.02	20000	3.82	25	Pass
-10°C 3.80V	a	5240	Ant1	5240	0	0	25	Pass
0°C 3.80V	a	5240	Ant1	5240.01	12500.00	2.39	25	Pass
10°C 3.80V	a	5240	Ant1	5240.02	20000	3.82	25	Pass
20°C 3.80V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30°C 3.80V	a	5240	Ant1	5240	0	0	25	Pass
40°C 3.80V	a	5240	Ant1	5240.03	28000.00	5.34	25	Pass
50°C 3.80V	a	5240	Ant1	5240.01	12500.00	2.39	25	Pass
25°C 3.80V	a	5260	Ant1	5260	0	0	25	Pass
25°C 3.42V	a	5260	Ant1	5260	0	0	25	Pass
25°C 4.18V	a	5260	Ant1	5260	0	0	25	Pass
-30°C 3.80V	a	5260	Ant1	5260	0	0	25	Pass
-20°C 3.80V	a	5260	Ant1	5260	0	0	25	Pass
-10°C 3.80V	a	5260	Ant1	5260	0	0	25	Pass
0°C 3.80V	a	5260	Ant1	5260	0	0	25	Pass
10°C 3.80V	a	5260	Ant1	5260	0	0	25	Pass
20°C 3.80V	a	5260	Ant1	5260	0	0	25	Pass
30°C 3.80V	a	5260	Ant1	5260	0	0	25	Pass
40°C 3.80V	a	5260	Ant1	5260	0	0	25	Pass
50°C 3.80V	a	5260	Ant1	5260	0	0	25	Pass
25°C 3.80V	a	5280	Ant1	5280	0	0	25	Pass
25°C 3.42V	a	5280	Ant1	5280.02	20000	3.79	25	Pass
25°C 4.18V	a	5280	Ant1	5280.02	20000	3.79	25	Pass
-30°C 3.80V	a	5280	Ant1	5280.02	20000	3.79	25	Pass
-20°C 3.80V	a	5280	Ant1	5280.02	20000	3.79	25	Pass
-10°C 3.80V	a	5280	Ant1	5280.02	20000	3.79	25	Pass
0°C 3.80V	a	5280	Ant1	5280	0	0	25	Pass
10°C 3.80V	a	5280	Ant1	5280.02	20000	3.79	25	Pass
20°C 3.80V	a	5280	Ant1	5280.02	20000	3.79	25	Pass
30°C 3.80V	a	5280	Ant1	5280.02	20000	3.79	25	Pass
40°C 3.80V	a	5280	Ant1	5280.02	20000	3.79	25	Pass
50°C 3.80V	a	5280	Ant1	5280.02	20000	3.79	25	Pass
25°C 3.80V	a	5320	Ant1	5320	0	0	25	Pass
25°C 3.42V	a	5320	Ant1	5320	0	0	25	Pass
25°C 4.18V	a	5320	Ant1	5320	0	0	25	Pass

-30°C 3.80V	a	5320	Ant1	5320	0	0	25	Pass
-20°C 3.80V	a	5320	Ant1	5320	0	0	25	Pass
-10°C 3.80V	a	5320	Ant1	5320	0	0	25	Pass
0°C 3.80V	a	5320	Ant1	5320	0	0	25	Pass
10°C 3.80V	a	5320	Ant1	5320	0	0	25	Pass
20°C 3.80V	a	5320	Ant1	5320	0	0	25	Pass
30°C 3.80V	a	5320	Ant1	5320	0	0	25	Pass
40°C 3.80V	a	5320	Ant1	5320	0	0	25	Pass
50°C 3.80V	a	5320	Ant1	5320	0	0	25	Pass
25°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
25°C 3.42V	a	5500	Ant1	5500	0	0	25	Pass
25°C 4.18V	a	5500	Ant1	5500	0	0	25	Pass
-30°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
-20°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
-10°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
0°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
10°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
20°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
30°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
40°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
50°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
25°C 3.80V	a	5500	Ant1	5500	0	0	25	Pass
25°C 3.80V	a	5600	Ant1	5600	0	0	25	Pass
25°C 3.42V	a	5600	Ant1	5600	0	0	25	Pass
25°C 4.18V	a	5600	Ant1	5600	0	0	25	Pass
-30°C 3.80V	a	5600	Ant1	5600	0	0	25	Pass
-20°C 3.80V	a	5600	Ant1	5600	0	0	25	Pass
-10°C 3.80V	a	5600	Ant1	5600	0	0	25	Pass
0°C 3.80V	a	5600	Ant1	5600	0	0	25	Pass
10°C 3.80V	a	5600	Ant1	5600	0	0	25	Pass
20°C 3.80V	a	5600	Ant1	5600	0	0	25	Pass
30°C 3.80V	a	5600	Ant1	5600	0	0	25	Pass
40°C 3.80V	a	5600	Ant1	5600	0	0	25	Pass
50°C 3.80V	a	5600	Ant1	5600	0	0	25	Pass
25°C 3.80V	a	5700	Ant1	5700.02	20000	3.51	25	Pass

25°C 3.42V	a	5700	Ant1	5700.02	20000	3.51	25	Pass
25°C 4.18V	a	5700	Ant1	5700.02	20000	3.51	25	Pass
-30°C 3.80V	a	5700	Ant1	5700.02	20000	3.51	25	Pass
-20°C 3.80V	a	5700	Ant1	5700.02	20000	3.51	25	Pass
-10°C 3.80V	a	5700	Ant1	5700.02	20000	3.51	25	Pass
0°C 3.80V	a	5700	Ant1	5700.02	20000	3.51	25	Pass
10°C 3.80V	a	5700	Ant1	5700	0	0	25	Pass
20°C 3.80V	a	5700	Ant1	5700	0	0	25	Pass
30°C 3.80V	a	5700	Ant1	5700.02	20000	3.51	25	Pass
40°C 3.80V	a	5700	Ant1	5700.02	20000	3.51	25	Pass
50°C 3.80V	a	5700	Ant1	5700	0	0	25	Pass
25°C 3.80V	n20	5180	Ant1	5180.02	20000	3.86	25	Pass
25°C 3.42V	n20	5180	Ant1	5180.05	47000.00	9.07	25	Pass
25°C 4.18V	n20	5180	Ant1	5180.02	22500.00	4.34	25	Pass
-30°C 3.80V	n20	5180	Ant1	5180.02	20000	3.86	25	Pass
-20°C 3.80V	n20	5180	Ant1	5180.04	40000	7.72	25	Pass
-10°C 3.80V	n20	5180	Ant1	5180.02	20000	3.86	25	Pass
0°C 3.80V	n20	5180	Ant1	5180.02	22500.00	4.34	25	Pass
10°C 3.80V	n20	5180	Ant1	5180.01	10000.00	1.93	25	Pass
20°C 3.80V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30°C 3.80V	n20	5180	Ant1	5180.05	47000.00	9.07	25	Pass
40°C 3.80V	n20	5180	Ant1	5180.02	22500.00	4.34	25	Pass
50°C 3.80V	n20	5180	Ant1	5180.01	10000.00	1.93	25	Pass
25°C 3.80V	n20	5200	Ant1	5200	0	0	25	Pass
25°C 3.42V	n20	5200	Ant1	5200	0	0	25	Pass
25°C 4.18V	n20	5200	Ant1	5200.01	10500.00	2.02	25	Pass
-30°C 3.80V	n20	5200	Ant1	5200.02	20000	3.85	25	Pass
-20°C 3.80V	n20	5200	Ant1	5200.04	43000.00	8.27	25	Pass
-10°C 3.80V	n20	5200	Ant1	5200	0	0	25	Pass
0°C 3.80V	n20	5200	Ant1	5200	0	0	25	Pass
10°C 3.80V	n20	5200	Ant1	5200.04	43000.00	8.27	25	Pass
20°C 3.80V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30°C 3.80V	n20	5200	Ant1	5200.02	20000	3.85	25	Pass
40°C 3.80V	n20	5200	Ant1	5200.04	43000.00	8.27	25	Pass
50°C 3.80V	n20	5200	Ant1	5200.00	500.00	0.10	25	Pass

25°C 3.80V	n20	5240	Ant1	5240.04	42500.00	8.11	25	Pass
25°C 3.42V	n20	5240	Ant1	5240.02	18500.00	3.53	25	Pass
25°C 4.18V	n20	5240	Ant1	5240.04	42500.00	8.11	25	Pass
-30°C 3.80V	n20	5240	Ant1	5240.05	46500.00	8.87	25	Pass
-20°C 3.80V	n20	5240	Ant1	5240.06	60000	11.45	25	Pass
-10°C 3.80V	n20	5240	Ant1	5240.02	18500.00	3.53	25	Pass
0°C 3.80V	n20	5240	Ant1	5240	0	0	25	Pass
10°C 3.80V	n20	5240	Ant1	5240	0	0	25	Pass
20°C 3.80V	n20	5240	Ant1	5240	0	0	25	Pass
30°C 3.80V	n20	5240	Ant1	5240	0	0	25	Pass
40°C 3.80V	n20	5240	Ant1	5240.04	42500.00	8.11	25	Pass
50°C 3.80V	n20	5240	Ant1	5240.05	46500.00	8.87	25	Pass
25°C 3.80V	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
25°C 3.42V	n20	5260	Ant1	5260	0	0	25	Pass
25°C 4.18V	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-30°C 3.80V	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-20°C 3.80V	n20	5260	Ant1	5260	0	0	25	Pass
-10°C 3.80V	n20	5260	Ant1	5260	0	0	25	Pass
0°C 3.80V	n20	5260	Ant1	5260	0	0	25	Pass
10°C 3.80V	n20	5260	Ant1	5260	0	0	25	Pass
20°C 3.80V	n20	5260	Ant1	5260	0	0	25	Pass
30°C 3.80V	n20	5260	Ant1	5260	0	0	25	Pass
40°C 3.80V	n20	5260	Ant1	5260	0	0	25	Pass
50°C 3.80V	n20	5260	Ant1	5260	0	0	25	Pass
25°C 3.80V	n20	5280	Ant1	5280.02	20000	3.79	25	Pass
25°C 3.42V	n20	5280	Ant1	5280.02	20000	3.79	25	Pass
25°C 4.18V	n20	5280	Ant1	5280.02	20000	3.79	25	Pass
-30°C 3.80V	n20	5280	Ant1	5280.02	20000	3.79	25	Pass
-20°C 3.80V	n20	5280	Ant1	5280.02	20000	3.79	25	Pass
-10°C 3.80V	n20	5280	Ant1	5280	0	0	25	Pass
0°C 3.80V	n20	5280	Ant1	5280.02	20000	3.79	25	Pass
10°C 3.80V	n20	5280	Ant1	5280	0	0	25	Pass
20°C 3.80V	n20	5280	Ant1	5280	0	0	25	Pass
30°C 3.80V	n20	5280	Ant1	5280	0	0	25	Pass
40°C 3.80V	n20	5280	Ant1	5280.02	20000	3.79	25	Pass

50°C 3.80V	n20	5280	Ant1	5280.02	20000	3.79	25	Pass
25°C 3.80V	n20	5320	Ant1	5320	0	0	25	Pass
25°C 3.42V	n20	5320	Ant1	5320	0	0	25	Pass
25°C 4.18V	n20	5320	Ant1	5320	0	0	25	Pass
-30°C 3.80V	n20	5320	Ant1	5320	0	0	25	Pass
-20°C 3.80V	n20	5320	Ant1	5320	0	0	25	Pass
-10°C 3.80V	n20	5320	Ant1	5320	0	0	25	Pass
0°C 3.80V	n20	5320	Ant1	5320	0	0	25	Pass
10°C 3.80V	n20	5320	Ant1	5320	0	0	25	Pass
20°C 3.80V	n20	5320	Ant1	5320	0	0	25	Pass
30°C 3.80V	n20	5320	Ant1	5320	0	0	25	Pass
40°C 3.80V	n20	5320	Ant1	5320	0	0	25	Pass
50°C 3.80V	n20	5320	Ant1	5320	0	0	25	Pass
25°C 3.80V	n20	5500	Ant1	5500.02	20000	3.64	25	Pass
25°C 3.42V	n20	5500	Ant1	5500	0	0	25	Pass
25°C 4.18V	n20	5500	Ant1	5500.02	20000	3.64	25	Pass
-30°C 3.80V	n20	5500	Ant1	5500	0	0	25	Pass
-20°C 3.80V	n20	5500	Ant1	5500	0	0	25	Pass
-10°C 3.80V	n20	5500	Ant1	5500	0	0	25	Pass
0°C 3.80V	n20	5500	Ant1	5500	0	0	25	Pass
10°C 3.80V	n20	5500	Ant1	5500	0	0	25	Pass
20°C 3.80V	n20	5500	Ant1	5500	0	0	25	Pass
30°C 3.80V	n20	5500	Ant1	5500	0	0	25	Pass
40°C 3.80V	n20	5500	Ant1	5500	0	0	25	Pass
50°C 3.80V	n20	5500	Ant1	5500	0	0	25	Pass
25°C 3.80V	n20	5500	Ant1	5500	0	0	25	Pass
25°C 3.80V	n20	5600	Ant1	5600	0	0	25	Pass
25°C 3.42V	n20	5600	Ant1	5600	0	0	25	Pass
25°C 4.18V	n20	5600	Ant1	5600	0	0	25	Pass
-30°C 3.80V	n20	5600	Ant1	5600	0	0	25	Pass
-20°C 3.80V	n20	5600	Ant1	5600	0	0	25	Pass
-10°C 3.80V	n20	5600	Ant1	5600	0	0	25	Pass
0°C 3.80V	n20	5600	Ant1	5600	0	0	25	Pass
10°C 3.80V	n20	5600	Ant1	5600	0	0	25	Pass
20°C 3.80V	n20	5600	Ant1	5600	0	0	25	Pass

30°C 3.80V	n20	5600	Ant1	5600	0	0	25	Pass
40°C 3.80V	n20	5600	Ant1	5600	0	0	25	Pass
50°C 3.80V	n20	5600	Ant1	5600	0	0	25	Pass
25°C 3.80V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
25°C 3.42V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
25°C 4.18V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
-30°C 3.80V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
-20°C 3.80V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
-10°C 3.80V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
0°C 3.80V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
10°C 3.80V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
20°C 3.80V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
30°C 3.80V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
40°C 3.80V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
50°C 3.80V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
25°C 3.80V	n40	5190	Ant1	5190.02	15500.00	2.99	25	Pass
25°C 3.42V	n40	5190	Ant1	5190.02	15500.00	2.99	25	Pass
25°C 4.18V	n40	5190	Ant1	5190.05	48000.00	9.25	25	Pass
-30°C 3.80V	n40	5190	Ant1	5190.02	21000.00	4.05	25	Pass
-20°C 3.80V	n40	5190	Ant1	5190	0	0	25	Pass
-10°C 3.80V	n40	5190	Ant1	5190.05	48000.00	9.25	25	Pass
0°C 3.80V	n40	5190	Ant1	5190	0	0	25	Pass
10°C 3.80V	n40	5190	Ant1	5190.02	15500.00	2.99	25	Pass
20°C 3.80V	n40	5190	Ant1	5190	0	0	25	Pass
30°C 3.80V	n40	5190	Ant1	5190.02	21000.00	4.05	25	Pass
40°C 3.80V	n40	5190	Ant1	5190	0	0	25	Pass
50°C 3.80V	n40	5190	Ant1	5190.02	21000.00	4.05	25	Pass
25°C 3.80V	n40	5230	Ant1	5230	0	0	25	Pass
25°C 3.42V	n40	5230	Ant1	5230.01	7500.00	1.43	25	Pass
25°C 4.18V	n40	5230	Ant1	5230.01	9000.00	1.72	25	Pass
-30°C 3.80V	n40	5230	Ant1	5230.04	41500.00	7.93	25	Pass
-20°C 3.80V	n40	5230	Ant1	5230	0	0	25	Pass
-10°C 3.80V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0°C 3.80V	n40	5230	Ant1	5230.01	9000.00	1.72	25	Pass
10°C 3.80V	n40	5230	Ant1	5230.04	41500.00	7.93	25	Pass

20°C 3.80V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30°C 3.80V	n40	5230	Ant1	5230.01	7500.00	1.43	25	Pass
40°C 3.80V	n40	5230	Ant1	5230.01	9000.00	1.72	25	Pass
50°C 3.80V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
25°C 3.80V	n40	5270	Ant1	5270	0	0	25	Pass
25°C 3.42V	n40	5270	Ant1	5270	0	0	25	Pass
25°C 4.18V	n40	5270	Ant1	5270	0	0	25	Pass
-30°C 3.80V	n40	5270	Ant1	5270	0	0	25	Pass
-20°C 3.80V	n40	5270	Ant1	5270	0	0	25	Pass
-10°C 3.80V	n40	5270	Ant1	5270	0	0	25	Pass
0°C 3.80V	n40	5270	Ant1	5270	0	0	25	Pass
10°C 3.80V	n40	5270	Ant1	5270	0	0	25	Pass
20°C 3.80V	n40	5270	Ant1	5270	0	0	25	Pass
30°C 3.80V	n40	5270	Ant1	5270	0	0	25	Pass
40°C 3.80V	n40	5270	Ant1	5270	0	0	25	Pass
50°C 3.80V	n40	5270	Ant1	5270	0	0	25	Pass
25°C 3.80V	n40	5310	Ant1	5310	0	0	25	Pass
25°C 3.42V	n40	5310	Ant1	5310	0	0	25	Pass
25°C 4.18V	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-30°C 3.80V	n40	5310	Ant1	5310	0	0	25	Pass
-20°C 3.80V	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-10°C 3.80V	n40	5310	Ant1	5310	0	0	25	Pass
0°C 3.80V	n40	5310	Ant1	5310	0	0	25	Pass
10°C 3.80V	n40	5310	Ant1	5310	0	0	25	Pass
20°C 3.80V	n40	5310	Ant1	5310	0	0	25	Pass
30°C 3.80V	n40	5310	Ant1	5310	0	0	25	Pass
40°C 3.80V	n40	5310	Ant1	5310	0	0	25	Pass
50°C 3.80V	n40	5310	Ant1	5310	0	0	25	Pass
25°C 3.80V	n40	5510	Ant1	5510	0	0	25	Pass
25°C 3.42V	n40	5510	Ant1	5510	0	0	25	Pass
25°C 4.18V	n40	5510	Ant1	5510	0	0	25	Pass
-30°C 3.80V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-20°C 3.80V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-10°C 3.80V	n40	5510	Ant1	5510	0	0	25	Pass
0°C 3.80V	n40	5510	Ant1	5510	0	0	25	Pass

10°C 3.80V	n40	5510	Ant1	5510	0	0	25	Pass
20°C 3.80V	n40	5510	Ant1	5510	0	0	25	Pass
30°C 3.80V	n40	5510	Ant1	5510	0	0	25	Pass
40°C 3.80V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
50°C 3.80V	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
25°C 3.80V	n40	5590	Ant1	5590	0	0	25	Pass
25°C 3.42V	n40	5590	Ant1	5590	0	0	25	Pass
25°C 4.18V	n40	5590	Ant1	5590	0	0	25	Pass
-30°C 3.80V	n40	5590	Ant1	5590	0	0	25	Pass
-20°C 3.80V	n40	5590	Ant1	5590	0	0	25	Pass
-10°C 3.80V	n40	5590	Ant1	5590	0	0	25	Pass
0°C 3.80V	n40	5590	Ant1	5590	0	0	25	Pass
10°C 3.80V	n40	5590	Ant1	5590	0	0	25	Pass
20°C 3.80V	n40	5590	Ant1	5590	0	0	25	Pass
30°C 3.80V	n40	5590	Ant1	5590	0	0	25	Pass
40°C 3.80V	n40	5590	Ant1	5590	0	0	25	Pass
50°C 3.80V	n40	5590	Ant1	5590	0	0	25	Pass
25°C 3.80V	n40	5670	Ant1	5670	0	0	25	Pass
25°C 3.42V	n40	5670	Ant1	5670	0	0	25	Pass
25°C 4.18V	n40	5670	Ant1	5670	0	0	25	Pass
-30°C 3.80V	n40	5670	Ant1	5670	0	0	25	Pass
-20°C 3.80V	n40	5670	Ant1	5670	0	0	25	Pass
-10°C 3.80V	n40	5670	Ant1	5670	0	0	25	Pass
0°C 3.80V	n40	5670	Ant1	5670	0	0	25	Pass
10°C 3.80V	n40	5670	Ant1	5670	0	0	25	Pass
20°C 3.80V	n40	5670	Ant1	5670	0	0	25	Pass
30°C 3.80V	n40	5670	Ant1	5670	0	0	25	Pass
40°C 3.80V	n40	5670	Ant1	5670	0	0	25	Pass
50°C 3.80V	n40	5670	Ant1	5670	0	0	25	Pass
25°C 3.80V	ac20	5180	Ant1	5180.02	20000	3.86	25	Pass
25°C 3.42V	ac20	5180	Ant1	5180.02	19000.00	3.67	25	Pass
25°C 4.18V	ac20	5180	Ant1	5180.00	4000.00	0.77	25	Pass
-30°C 3.80V	ac20	5180	Ant1	5180.00	3500.00	0.68	25	Pass
-20°C 3.80V	ac20	5180	Ant1	5180.02	19000.00	3.67	25	Pass
-10°C 3.80V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass

0°C 3.80V	ac20	5180	Ant1	5180.00	3500.00	0.68	25	Pass
10°C 3.80V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20°C 3.80V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30°C 3.80V	ac20	5180	Ant1	5180.00	3500.00	0.68	25	Pass
40°C 3.80V	ac20	5180	Ant1	5180.00	4000.00	0.77	25	Pass
50°C 3.80V	ac20	5180	Ant1	5180.00	3500.00	0.68	25	Pass
25°C 3.80V	ac20	5200	Ant1	5200.02	20000	3.85	25	Pass
25°C 3.42V	ac20	5200	Ant1	5200.01	8500.00	1.63	25	Pass
25°C 4.18V	ac20	5200	Ant1	5200.02	24000.00	4.62	25	Pass
-30°C 3.80V	ac20	5200	Ant1	5200.02	20000	3.85	25	Pass
-20°C 3.80V	ac20	5200	Ant1	5200.03	34000.00	6.54	25	Pass
-10°C 3.80V	ac20	5200	Ant1	5200.02	24000.00	4.62	25	Pass
0°C 3.80V	ac20	5200	Ant1	5200.02	20000	3.85	25	Pass
10°C 3.80V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20°C 3.80V	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
30°C 3.80V	ac20	5200	Ant1	5200.03	34000.00	6.54	25	Pass
40°C 3.80V	ac20	5200	Ant1	5200.03	34000.00	6.54	25	Pass
50°C 3.80V	ac20	5200	Ant1	5200.01	8500.00	1.63	25	Pass
25°C 3.80V	ac20	5240	Ant1	5240.02	20000	3.82	25	Pass
25°C 3.42V	ac20	5240	Ant1	5240.01	11500.00	2.19	25	Pass
25°C 4.18V	ac20	5240	Ant1	5240.05	48000.00	9.16	25	Pass
-30°C 3.80V	ac20	5240	Ant1	5240.03	29000.00	5.53	25	Pass
-20°C 3.80V	ac20	5240	Ant1	5240.04	40500.00	7.73	25	Pass
-10°C 3.80V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0°C 3.80V	ac20	5240	Ant1	5240.04	40500.00	7.73	25	Pass
10°C 3.80V	ac20	5240	Ant1	5240.01	11500.00	2.19	25	Pass
20°C 3.80V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30°C 3.80V	ac20	5240	Ant1	5240.03	29000.00	5.53	25	Pass
40°C 3.80V	ac20	5240	Ant1	5240.05	48000.00	9.16	25	Pass
50°C 3.80V	ac20	5240	Ant1	5240.03	29000.00	5.53	25	Pass
25°C 3.80V	ac20	5260	Ant1	5260	0	0	25	Pass
25°C 3.42V	ac20	5260	Ant1	5260	0	0	25	Pass
25°C 4.18V	ac20	5260	Ant1	5260	0	0	25	Pass
-30°C 3.80V	ac20	5260	Ant1	5260	0	0	25	Pass
-20°C 3.80V	ac20	5260	Ant1	5260	0	0	25	Pass

-10°C 3.80V	ac20	5260	Ant1	5260	0	0	25	Pass
0°C 3.80V	ac20	5260	Ant1	5260	0	0	25	Pass
10°C 3.80V	ac20	5260	Ant1	5260	0	0	25	Pass
20°C 3.80V	ac20	5260	Ant1	5260	0	0	25	Pass
30°C 3.80V	ac20	5260	Ant1	5260	0	0	25	Pass
40°C 3.80V	ac20	5260	Ant1	5260	0	0	25	Pass
50°C 3.80V	ac20	5260	Ant1	5260	0	0	25	Pass
25°C 3.80V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
25°C 3.42V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
25°C 4.18V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
-30°C 3.80V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
-20°C 3.80V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
-10°C 3.80V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
0°C 3.80V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
10°C 3.80V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
20°C 3.80V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
30°C 3.80V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
40°C 3.80V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
50°C 3.80V	ac20	5280	Ant1	5280.02	20000	3.79	25	Pass
25°C 3.80V	ac20	5320	Ant1	5320	0	0	25	Pass
25°C 3.42V	ac20	5320	Ant1	5320	0	0	25	Pass
25°C 4.18V	ac20	5320	Ant1	5320	0	0	25	Pass
-30°C 3.80V	ac20	5320	Ant1	5320	0	0	25	Pass
-20°C 3.80V	ac20	5320	Ant1	5320	0	0	25	Pass
-10°C 3.80V	ac20	5320	Ant1	5320	0	0	25	Pass
0°C 3.80V	ac20	5320	Ant1	5320	0	0	25	Pass
10°C 3.80V	ac20	5320	Ant1	5320	0	0	25	Pass
20°C 3.80V	ac20	5320	Ant1	5320	0	0	25	Pass
30°C 3.80V	ac20	5320	Ant1	5320	0	0	25	Pass
40°C 3.80V	ac20	5320	Ant1	5320	0	0	25	Pass
50°C 3.80V	ac20	5320	Ant1	5320	0	0	25	Pass
25°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass
25°C 3.42V	ac20	5500	Ant1	5500	0	0	25	Pass
25°C 4.18V	ac20	5500	Ant1	5500	0	0	25	Pass
-30°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass

-20°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass
-10°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass
0°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass
10°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass
20°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass
30°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass
40°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass
50°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass
25°C 3.80V	ac20	5500	Ant1	5500	0	0	25	Pass
25°C 3.42V	ac20	5600	Ant1	5600	0	0	25	Pass
25°C 4.18V	ac20	5600	Ant1	5600	0	0	25	Pass
-30°C 3.80V	ac20	5600	Ant1	5600	0	0	25	Pass
-20°C 3.80V	ac20	5600	Ant1	5600	0	0	25	Pass
-10°C 3.80V	ac20	5600	Ant1	5600	0	0	25	Pass
0°C 3.80V	ac20	5600	Ant1	5600	0	0	25	Pass
10°C 3.80V	ac20	5600	Ant1	5600	0	0	25	Pass
20°C 3.80V	ac20	5600	Ant1	5600	0	0	25	Pass
30°C 3.80V	ac20	5600	Ant1	5600	0	0	25	Pass
40°C 3.80V	ac20	5600	Ant1	5600	0	0	25	Pass
50°C 3.80V	ac20	5600	Ant1	5600	0	0	25	Pass
25°C 3.80V	ac20	5600	Ant1	5600	0	0	25	Pass
25°C 3.42V	ac20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
25°C 4.18V	ac20	5700	Ant1	5700.02	20000	3.51	25	Pass
-30°C 3.80V	ac20	5700	Ant1	5700.02	20000	3.51	25	Pass
-20°C 3.80V	ac20	5700	Ant1	5700.02	20000	3.51	25	Pass
-10°C 3.80V	ac20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
0°C 3.80V	ac20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
10°C 3.80V	ac20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20°C 3.80V	ac20	5700	Ant1	5700.02	20000	3.51	25	Pass
30°C 3.80V	ac20	5700	Ant1	5700.02	20000	3.51	25	Pass
40°C 3.80V	ac20	5700	Ant1	5700.02	20000	3.51	25	Pass
50°C 3.80V	ac20	5700	Ant1	5700.02	20000	3.51	25	Pass
25°C 3.80V	ac40	5190	Ant1	5190.04	40000	7.71	25	Pass
25°C 3.42V	ac40	5190	Ant1	5190.01	10000.00	1.93	25	Pass
25°C 4.18V	ac40	5190	Ant1	5190.05	48500.00	9.34	25	Pass

-30°C 3.80V	ac40	5190	Ant1	5190	0	0	25	Pass
-20°C 3.80V	ac40	5190	Ant1	5190.04	40000	7.71	25	Pass
-10°C 3.80V	ac40	5190	Ant1	5190	0	0	25	Pass
0°C 3.80V	ac40	5190	Ant1	5190.05	48500.00	9.34	25	Pass
10°C 3.80V	ac40	5190	Ant1	5190.01	7500.00	1.45	25	Pass
20°C 3.80V	ac40	5190	Ant1	5190	0	0	25	Pass
30°C 3.80V	ac40	5190	Ant1	5190.01	10000.00	1.93	25	Pass
40°C 3.80V	ac40	5190	Ant1	5190.05	48500.00	9.34	25	Pass
50°C 3.80V	ac40	5190	Ant1	5190.01	7500.00	1.45	25	Pass
25°C 3.80V	ac40	5230	Ant1	5230.04	40000	7.65	25	Pass
25°C 3.42V	ac40	5230	Ant1	5230.03	25500.00	4.88	25	Pass
25°C 4.18V	ac40	5230	Ant1	5230.01	7000.00	1.34	25	Pass
-30°C 3.80V	ac40	5230	Ant1	5230.01	7000.00	1.34	25	Pass
-20°C 3.80V	ac40	5230	Ant1	5230	0	0	25	Pass
-10°C 3.80V	ac40	5230	Ant1	5230.04	40000	7.65	25	Pass
0°C 3.80V	ac40	5230	Ant1	5230	0	0	25	Pass
10°C 3.80V	ac40	5230	Ant1	5230.01	7000.00	1.34	25	Pass
20°C 3.80V	ac40	5230	Ant1	5230	0	0	25	Pass
30°C 3.80V	ac40	5230	Ant1	5230.04	40500.00	7.74	25	Pass
40°C 3.80V	ac40	5230	Ant1	5230.03	25500.00	4.88	25	Pass
50°C 3.80V	ac40	5230	Ant1	5230.01	7000.00	1.34	25	Pass
25°C 3.80V	ac40	5270	Ant1	5270	0	0	25	Pass
25°C 3.42V	ac40	5270	Ant1	5270	0	0	25	Pass
25°C 4.18V	ac40	5270	Ant1	5270	0	0	25	Pass
-30°C 3.80V	ac40	5270	Ant1	5270	0	0	25	Pass
-20°C 3.80V	ac40	5270	Ant1	5270	0	0	25	Pass
-10°C 3.80V	ac40	5270	Ant1	5270	0	0	25	Pass
0°C 3.80V	ac40	5270	Ant1	5270	0	0	25	Pass
10°C 3.80V	ac40	5270	Ant1	5270	0	0	25	Pass
20°C 3.80V	ac40	5270	Ant1	5270	0	0	25	Pass
30°C 3.80V	ac40	5270	Ant1	5270	0	0	25	Pass
40°C 3.80V	ac40	5270	Ant1	5270	0	0	25	Pass
50°C 3.80V	ac40	5270	Ant1	5270	0	0	25	Pass
25°C 3.80V	ac40	5310	Ant1	5310	0	0	25	Pass
25°C 3.42V	ac40	5310	Ant1	5310	0	0	25	Pass

25°C 4.18V	ac40	5310	Ant1	5310	0	0	25	Pass
-30°C 3.80V	ac40	5310	Ant1	5310	0	0	25	Pass
-20°C 3.80V	ac40	5310	Ant1	5310	0	0	25	Pass
-10°C 3.80V	ac40	5310	Ant1	5310	0	0	25	Pass
0°C 3.80V	ac40	5310	Ant1	5310	0	0	25	Pass
10°C 3.80V	ac40	5310	Ant1	5310	0	0	25	Pass
20°C 3.80V	ac40	5310	Ant1	5310	0	0	25	Pass
30°C 3.80V	ac40	5310	Ant1	5310	0	0	25	Pass
40°C 3.80V	ac40	5310	Ant1	5310	0	0	25	Pass
50°C 3.80V	ac40	5310	Ant1	5310	0	0	25	Pass
25°C 3.80V	ac40	5510	Ant1	5510	0	0	25	Pass
25°C 3.42V	ac40	5510	Ant1	5510	0	0	25	Pass
25°C 4.18V	ac40	5510	Ant1	5510	0	0	25	Pass
-30°C 3.80V	ac40	5510	Ant1	5510	0	0	25	Pass
-20°C 3.80V	ac40	5510	Ant1	5510	0	0	25	Pass
-10°C 3.80V	ac40	5510	Ant1	5510	0	0	25	Pass
0°C 3.80V	ac40	5510	Ant1	5510	0	0	25	Pass
10°C 3.80V	ac40	5510	Ant1	5510	0	0	25	Pass
20°C 3.80V	ac40	5510	Ant1	5510	0	0	25	Pass
30°C 3.80V	ac40	5510	Ant1	5510	0	0	25	Pass
40°C 3.80V	ac40	5510	Ant1	5510	0	0	25	Pass
50°C 3.80V	ac40	5510	Ant1	5510	0	0	25	Pass
25°C 3.80V	ac40	5590	Ant1	5590	0	0	25	Pass
25°C 3.42V	ac40	5590	Ant1	5590	0	0	25	Pass
25°C 4.18V	ac40	5590	Ant1	5590	0	0	25	Pass
-30°C 3.80V	ac40	5590	Ant1	5590	0	0	25	Pass
-20°C 3.80V	ac40	5590	Ant1	5590	0	0	25	Pass
-10°C 3.80V	ac40	5590	Ant1	5590	0	0	25	Pass
0°C 3.80V	ac40	5590	Ant1	5590	0	0	25	Pass
10°C 3.80V	ac40	5590	Ant1	5590	0	0	25	Pass
20°C 3.80V	ac40	5590	Ant1	5590	0	0	25	Pass
30°C 3.80V	ac40	5590	Ant1	5590	0	0	25	Pass
40°C 3.80V	ac40	5590	Ant1	5590	0	0	25	Pass
50°C 3.80V	ac40	5590	Ant1	5590	0	0	25	Pass
25°C 3.80V	ac40	5670	Ant1	5670	0	0	25	Pass

25°C 3.42V	ac40	5670	Ant1	5670	0	0	25	Pass
25°C 4.18V	ac40	5670	Ant1	5670	0	0	25	Pass
-30°C 3.80V	ac40	5670	Ant1	5670	0	0	25	Pass
-20°C 3.80V	ac40	5670	Ant1	5670	0	0	25	Pass
-10°C 3.80V	ac40	5670	Ant1	5670	0	0	25	Pass
0°C 3.80V	ac40	5670	Ant1	5670	0	0	25	Pass
10°C 3.80V	ac40	5670	Ant1	5670	0	0	25	Pass
20°C 3.80V	ac40	5670	Ant1	5670	0	0	25	Pass
30°C 3.80V	ac40	5670	Ant1	5670	0	0	25	Pass
40°C 3.80V	ac40	5670	Ant1	5670	0	0	25	Pass
50°C 3.80V	ac40	5670	Ant1	5670	0	0	25	Pass
25°C 3.80V	ac80	5210	Ant1	5210.08	80000	15.36	25	Pass
25°C 3.42V	ac80	5210	Ant1	5210.01	10000.00	1.92	25	Pass
25°C 4.18V	ac80	5210	Ant1	5210.03	32500.00	6.24	25	Pass
-30°C 3.80V	ac80	5210	Ant1	5210.02	15000.00	2.88	25	Pass
-20°C 3.80V	ac80	5210	Ant1	5210	0	0	25	Pass
-10°C 3.80V	ac80	5210	Ant1	5210.08	80000	15.36	25	Pass
0°C 3.80V	ac80	5210	Ant1	5210.01	10000.00	1.92	25	Pass
10°C 3.80V	ac80	5210	Ant1	5210.03	32500.00	6.24	25	Pass
20°C 3.80V	ac80	5210	Ant1	5210	0	0	25	Pass
30°C 3.80V	ac80	5210	Ant1	5210.00	4500.00	0.86	25	Pass
40°C 3.80V	ac80	5210	Ant1	5210.02	15000.00	2.88	25	Pass
50°C 3.80V	ac80	5210	Ant1	5210.00	4500.00	0.86	25	Pass
25°C 3.80V	ac80	5290	Ant1	5290	0	0	25	Pass
25°C 3.42V	ac80	5290	Ant1	5290	0	0	25	Pass
25°C 4.18V	ac80	5290	Ant1	5290	0	0	25	Pass
-30°C 3.80V	ac80	5290	Ant1	5290	0	0	25	Pass
-20°C 3.80V	ac80	5290	Ant1	5290	0	0	25	Pass
-10°C 3.80V	ac80	5290	Ant1	5290	0	0	25	Pass
0°C 3.80V	ac80	5290	Ant1	5290	0	0	25	Pass
10°C 3.80V	ac80	5290	Ant1	5290	0	0	25	Pass
20°C 3.80V	ac80	5290	Ant1	5290	0	0	25	Pass
30°C 3.80V	ac80	5290	Ant1	5290	0	0	25	Pass
40°C 3.80V	ac80	5290	Ant1	5290	0	0	25	Pass
50°C 3.80V	ac80	5290	Ant1	5290	0	0	25	Pass

25°C 3.80V	ac80	5530	Ant1	5530	0	0	25	Pass
25°C 3.42V	ac80	5530	Ant1	5530	0	0	25	Pass
25°C 4.18V	ac80	5530	Ant1	5530	0	0	25	Pass
-30°C 3.80V	ac80	5530	Ant1	5530	0	0	25	Pass
-20°C 3.80V	ac80	5530	Ant1	5530	0	0	25	Pass
-10°C 3.80V	ac80	5530	Ant1	5530	0	0	25	Pass
0°C 3.80V	ac80	5530	Ant1	5530	0	0	25	Pass
10°C 3.80V	ac80	5530	Ant1	5530	0	0	25	Pass
20°C 3.80V	ac80	5530	Ant1	5530	0	0	25	Pass
30°C 3.80V	ac80	5530	Ant1	5530	0	0	25	Pass
40°C 3.80V	ac80	5530	Ant1	5530	0	0	25	Pass
50°C 3.80V	ac80	5530	Ant1	5530	0	0	25	Pass
25°C 3.80V	a	5745	Ant1	5745.02	17000.00	2.96	25	Pass
25°C 3.42V	a	5745	Ant1	5745.01	7000.00	1.22	25	Pass
25°C 4.18V	a	5745	Ant1	5745.04	36500.00	6.35	25	Pass
-30°C 3.80V	a	5745	Ant1	5745.02	17000.00	2.96	25	Pass
-20°C 3.80V	a	5745	Ant1	5745.01	7000.00	1.22	25	Pass
-10°C 3.80V	a	5745	Ant1	5745.04	36500.00	6.35	25	Pass
0°C 3.80V	a	5745	Ant1	5745.01	7000.00	1.22	25	Pass
10°C 3.80V	a	5745	Ant1	5745.04	36500.00	6.35	25	Pass
20°C 3.80V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30°C 3.80V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40°C 3.80V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50°C 3.80V	a	5745	Ant1	5745.04	36500.00	6.35	25	Pass
25°C 3.80V	a	5785	Ant1	5785.01	11000.00	1.90	25	Pass
25°C 3.42V	a	5785	Ant1	5785.01	12000.00	2.07	25	Pass
25°C 4.18V	a	5785	Ant1	5785.01	11500.00	1.99	25	Pass
-30°C 3.80V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-20°C 3.80V	a	5785	Ant1	5785.04	39000.00	6.74	25	Pass
-10°C 3.80V	a	5785	Ant1	5785.01	9500.00	1.64	25	Pass
0°C 3.80V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
10°C 3.80V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20°C 3.80V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
30°C 3.80V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
40°C 3.80V	a	5785	Ant1	5785.04	39000.00	6.74	25	Pass

50°C 3.80V	a	5785	Ant1	5785.01	9500.00	1.64	25	Pass
25°C 3.80V	a	5825	Ant1	5825.01	13000.00	2.23	25	Pass
25°C 3.42V	a	5825	Ant1	5825.00	2000.00	0.34	25	Pass
25°C 4.18V	a	5825	Ant1	5825.03	25500.00	4.38	25	Pass
-30°C 3.80V	a	5825	Ant1	5825.01	13000.00	2.23	25	Pass
-20°C 3.80V	a	5825	Ant1	5825.00	2000.00	0.34	25	Pass
-10°C 3.80V	a	5825	Ant1	5825.03	25500.00	4.38	25	Pass
0°C 3.80V	a	5825	Ant1	5825.03	25500.00	4.38	25	Pass
10°C 3.80V	a	5825	Ant1	5825.01	13000.00	2.23	25	Pass
20°C 3.80V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30°C 3.80V	a	5825	Ant1	5825.03	25500.00	4.38	25	Pass
40°C 3.80V	a	5825	Ant1	5825.01	13000.00	2.23	25	Pass
50°C 3.80V	a	5825	Ant1	5825.00	2000.00	0.34	25	Pass
25°C 3.80V	n20	5745	Ant1	5745.01	14000.00	2.44	25	Pass
25°C 3.42V	n20	5745	Ant1	5745.01	14500.00	2.52	25	Pass
25°C 4.18V	n20	5745	Ant1	5745.01	14500.00	2.52	25	Pass
-30°C 3.80V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-20°C 3.80V	n20	5745	Ant1	5745.01	14000.00	2.44	25	Pass
-10°C 3.80V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0°C 3.80V	n20	5745	Ant1	5745.01	14500.00	2.52	25	Pass
10°C 3.80V	n20	5745	Ant1	5745.01	14000.00	2.44	25	Pass
20°C 3.80V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30°C 3.80V	n20	5745	Ant1	5745.01	14000.00	2.44	25	Pass
40°C 3.80V	n20	5745	Ant1	5745.01	14500.00	2.52	25	Pass
50°C 3.80V	n20	5745	Ant1	5745.01	14500.00	2.52	25	Pass
25°C 3.80V	n20	5785	Ant1	5785.04	39000.00	6.74	25	Pass
25°C 3.42V	n20	5785	Ant1	5785.01	9500.00	1.64	25	Pass
25°C 4.18V	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-30°C 3.80V	n20	5785	Ant1	5785.04	39000.00	6.74	25	Pass
-20°C 3.80V	n20	5785	Ant1	5785.01	9500.00	1.64	25	Pass
-10°C 3.80V	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
0°C 3.80V	n20	5785	Ant1	5785.04	39000.00	6.74	25	Pass
10°C 3.80V	n20	5785	Ant1	5785.01	9500.00	1.64	25	Pass
20°C 3.80V	n20	5785	Ant1	5785	0	0	25	Pass
30°C 3.80V	n20	5785	Ant1	5785	0	0	25	Pass

40°C 3.80V	n20	5785	Ant1	5785.04	39000.00	6.74	25	Pass
50°C 3.80V	n20	5785	Ant1	5785.01	9500.00	1.64	25	Pass
25°C 3.80V	n20	5825	Ant1	5825.01	13000.00	2.23	25	Pass
25°C 3.42V	n20	5825	Ant1	5825.03	25500.00	4.38	25	Pass
25°C 4.18V	n20	5825	Ant1	5825.01	13000.00	2.23	25	Pass
-30°C 3.80V	n20	5825	Ant1	5825.03	25500.00	4.38	25	Pass
-20°C 3.80V	n20	5825	Ant1	5825.01	13000.00	2.23	25	Pass
-10°C 3.80V	n20	5825	Ant1	5825.00	2000.00	0.34	25	Pass
0°C 3.80V	n20	5825	Ant1	5825.03	25500.00	4.38	25	Pass
10°C 3.80V	n20	5825	Ant1	5825.01	13000.00	2.23	25	Pass
20°C 3.80V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30°C 3.80V	n20	5825	Ant1	5825.03	25500.00	4.38	25	Pass
40°C 3.80V	n20	5825	Ant1	5825.01	13000.00	2.23	25	Pass
50°C 3.80V	n20	5825	Ant1	5825.03	25500.00	4.38	25	Pass
25°C 3.80V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
25°C 3.42V	n40	5755	Ant1	5755.01	8000.00	1.39	25	Pass
25°C 4.18V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-30°C 3.80V	n40	5755	Ant1	5755	0	0	25	Pass
-20°C 3.80V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-10°C 3.80V	n40	5755	Ant1	5755.02	17500.00	3.04	25	Pass
0°C 3.80V	n40	5755	Ant1	5755.01	8000.00	1.39	25	Pass
10°C 3.80V	n40	5755	Ant1	5755.02	23000.00	4.00	25	Pass
20°C 3.80V	n40	5755	Ant1	5755	0	0	25	Pass
30°C 3.80V	n40	5755	Ant1	5755.02	17500.00	3.04	25	Pass
40°C 3.80V	n40	5755	Ant1	5755.01	8000.00	1.39	25	Pass
50°C 3.80V	n40	5755	Ant1	5755.02	23000.00	4.00	25	Pass
25°C 3.80V	n40	5795	Ant1	5795	0	0	25	Pass
25°C 3.42V	n40	5795	Ant1	5795.02	21000.00	3.62	25	Pass
25°C 4.18V	n40	5795	Ant1	5795.02	16500.00	2.85	25	Pass
-30°C 3.80V	n40	5795	Ant1	5795	0	0	25	Pass
-20°C 3.80V	n40	5795	Ant1	5795.02	21000.00	3.62	25	Pass
-10°C 3.80V	n40	5795	Ant1	5795.02	16500.00	2.85	25	Pass
0°C 3.80V	n40	5795	Ant1	5795	0	0	25	Pass
10°C 3.80V	n40	5795	Ant1	5795.02	21000.00	3.62	25	Pass
20°C 3.80V	n40	5795	Ant1	5795	0	0	25	Pass

30°C 3.80V	n40	5795	Ant1	5795.02	21000.00	3.62	25	Pass
40°C 3.80V	n40	5795	Ant1	5795.02	21000.00	3.62	25	Pass
50°C 3.80V	n40	5795	Ant1	5795	0	0	25	Pass
25°C 3.80V	ac20	5745	Ant1	5745.01	14500.00	2.52	25	Pass
25°C 3.42V	ac20	5745	Ant1	5745.01	14000.00	2.44	25	Pass
25°C 4.18V	ac20	5745	Ant1	5745.01	14500.00	2.52	25	Pass
-30°C 3.80V	ac20	5745	Ant1	5745.01	14500.00	2.52	25	Pass
-20°C 3.80V	ac20	5745	Ant1	5745.01	14000.00	2.44	25	Pass
-10°C 3.80V	ac20	5745	Ant1	5745.01	14500.00	2.52	25	Pass
0°C 3.80V	ac20	5745	Ant1	5745.01	14000.00	2.44	25	Pass
10°C 3.80V	ac20	5745	Ant1	5745.01	14500.00	2.52	25	Pass
20°C 3.80V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30°C 3.80V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40°C 3.80V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50°C 3.80V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
25°C 3.80V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
25°C 3.42V	ac20	5785	Ant1	5785.04	39000.00	6.74	25	Pass
25°C 4.18V	ac20	5785	Ant1	5785.01	9500.00	1.64	25	Pass
-30°C 3.80V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-20°C 3.80V	ac20	5785	Ant1	5785.04	39000.00	6.74	25	Pass
-10°C 3.80V	ac20	5785	Ant1	5785.01	9500.00	1.64	25	Pass
0°C 3.80V	ac20	5785	Ant1	5785.04	39000.00	6.74	25	Pass
10°C 3.80V	ac20	5785	Ant1	5785.01	9500.00	1.64	25	Pass
20°C 3.80V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
30°C 3.80V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
40°C 3.80V	ac20	5785	Ant1	5785.04	39000.00	6.74	25	Pass
50°C 3.80V	ac20	5785	Ant1	5785.01	9500.00	1.64	25	Pass
25°C 3.80V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
25°C 3.42V	ac20	5825	Ant1	5825.03	25500.00	4.38	25	Pass
25°C 4.18V	ac20	5825	Ant1	5825.01	13000.00	2.23	25	Pass
-30°C 3.80V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-20°C 3.80V	ac20	5825	Ant1	5825.01	13000.00	2.23	25	Pass
-10°C 3.80V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0°C 3.80V	ac20	5825	Ant1	5825.01	13000.00	2.23	25	Pass
10°C 3.80V	ac20	5825	Ant1	5825.03	25500.00	4.38	25	Pass

20°C 3.80V	ac20	5825	Ant1	5825.03	25500.00	4.38	25	Pass
30°C 3.80V	ac20	5825	Ant1	5825.01	13000.00	2.23	25	Pass
40°C 3.80V	ac20	5825	Ant1	5825.03	25500.00	4.38	25	Pass
50°C 3.80V	ac20	5825	Ant1	5825.03	25500.00	4.38	25	Pass
25°C 3.80V	ac40	5755	Ant1	5775	0	0	25	Pass
25°C 3.42V	ac40	5755	Ant1	5755.01	8000.00	1.39	25	Pass
25°C 4.18V	ac40	5755	Ant1	5755.02	23000.00	4.00	25	Pass
-30°C 3.80V	ac40	5755	Ant1	5755	0	0	25	Pass
-20°C 3.80V	ac40	5755	Ant1	5755.02	17500.00	3.04	25	Pass
-10°C 3.80V	ac40	5755	Ant1	5755.01	8000.00	1.39	25	Pass
0°C 3.80V	ac40	5755	Ant1	5755.02	23000.00	4.00	25	Pass
10°C 3.80V	ac40	5755	Ant1	5755	0	0	25	Pass
20°C 3.80V	ac40	5755	Ant1	5755	0	0	25	Pass
30°C 3.80V	ac40	5755	Ant1	5755.02	23000.00	4.00	25	Pass
40°C 3.80V	ac40	5755	Ant1	5755	0	0	25	Pass
50°C 3.80V	ac40	5755	Ant1	5755.02	23000.00	4.00	25	Pass
25°C 3.80V	ac40	5795	Ant1	5795.02	21000.00	3.62	25	Pass
25°C 3.42V	ac40	5795	Ant1	5795.02	16500.00	2.85	25	Pass
25°C 4.18V	ac40	5795	Ant1	5795	0	0	25	Pass
-30°C 3.80V	ac40	5795	Ant1	5795.02	21000.00	3.62	25	Pass
-20°C 3.80V	ac40	5795	Ant1	5795.02	16500.00	2.85	25	Pass
-10°C 3.80V	ac40	5795	Ant1	5795	0	0	25	Pass
0°C 3.80V	ac40	5795	Ant1	5795.02	21000.00	3.62	25	Pass
10°C 3.80V	ac40	5795	Ant1	5795.02	16500.00	2.85	25	Pass
20°C 3.80V	ac40	5795	Ant1	5795	0	0	25	Pass
30°C 3.80V	ac40	5795	Ant1	5795.02	21000.00	3.62	25	Pass
40°C 3.80V	ac40	5795	Ant1	5795.02	16500.00	2.85	25	Pass
50°C 3.80V	ac40	5795	Ant1	5795	0	0	25	Pass
25°C 3.80V	ac80	5775	Ant1	5775.04	43500.00	7.53	25	Pass
25°C 3.42V	ac80	5775	Ant1	5755.04	40000	6.95	25	Pass
25°C 4.18V	ac80	5775	Ant1	5775.01	6000.00	1.04	25	Pass
-30°C 3.80V	ac80	5775	Ant1	5775.02	24500.00	4.24	25	Pass
-20°C 3.80V	ac80	5775	Ant1	5775.04	43500.00	7.53	25	Pass
-10°C 3.80V	ac80	5775	Ant1	5755.04	40000	6.95	25	Pass
0°C 3.80V	ac80	5775	Ant1	5775	0	0	25	Pass

10°C 3.80V	ac80	5775	Ant1	5775.04	43500.00	7.53	25	Pass
20°C 3.80V	ac80	5775	Ant1	5775	0	0	25	Pass
30°C 3.80V	ac80	5775	Ant1	5775.01	6000.00	1.04	25	Pass
40°C 3.80V	ac80	5775	Ant1	5775.02	24500.00	4.24	25	Pass
50°C 3.80V	ac80	5775	Ant1	5775	0	0	25	Pass

BlueAsia

7.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.891	24	Pass
NVNT	a	5200	Ant1	-2.38	24	Pass
NVNT	a	5240	Ant1	-2.112	24	Pass
NVNT	a	5260	Ant1	-2.204	24	Pass
NVNT	a	5280	Ant1	-2.009	24	Pass
NVNT	a	5320	Ant1	-1.973	24	Pass
NVNT	a	5500	Ant1	-2.184	24	Pass
NVNT	a	5600	Ant1	-0.982	24	Pass
NVNT	a	5700	Ant1	-2.008	24	Pass
NVNT	a	5745	Ant1	-0.636	30	Pass
NVNT	a	5785	Ant1	-1.071	30	Pass
NVNT	a	5825	Ant1	-0.908	30	Pass
NVNT	n20	5180	Ant1	-1.387	24	Pass
NVNT	n20	5200	Ant1	-0.984	24	Pass
NVNT	n20	5240	Ant1	-0.68	24	Pass
NVNT	n20	5260	Ant1	-2.292	24	Pass
NVNT	n20	5280	Ant1	-2.124	24	Pass
NVNT	n20	5320	Ant1	-2.068	24	Pass
NVNT	n20	5500	Ant1	-2.317	24	Pass
NVNT	n20	5600	Ant1	-0.208	24	Pass
NVNT	n20	5700	Ant1	-0.226	24	Pass
NVNT	n20	5745	Ant1	-0.876	30	Pass
NVNT	n20	5785	Ant1	-1.283	30	Pass
NVNT	n20	5825	Ant1	-0.882	30	Pass
NVNT	n40	5190	Ant1	-1.298	24	Pass
NVNT	n40	5230	Ant1	-0.796	24	Pass
NVNT	n40	5270	Ant1	-2.178	24	Pass
NVNT	n40	5310	Ant1	-2.065	24	Pass
NVNT	n40	5510	Ant1	-2.473	24	Pass
NVNT	n40	5590	Ant1	-0.095	24	Pass
NVNT	n40	5670	Ant1	-2.194	24	Pass
NVNT	n40	5755	Ant1	-0.678	30	Pass

NVNT	n40	5795	Ant1	-0.994	30	Pass
NVNT	ac20	5180	Ant1	-1.393	24	Pass
NVNT	ac20	5200	Ant1	-0.905	24	Pass
NVNT	ac20	5240	Ant1	-0.613	24	Pass
NVNT	ac20	5260	Ant1	-2.22	24	Pass
NVNT	ac20	5280	Ant1	-2.051	24	Pass
NVNT	ac20	5320	Ant1	-2.434	24	Pass
NVNT	ac20	5500	Ant1	-1.53	24	Pass
NVNT	ac20	5600	Ant1	-0.28	24	Pass
NVNT	ac20	5700	Ant1	-1.178	24	Pass
NVNT	ac20	5745	Ant1	-0.885	30	Pass
NVNT	ac20	5785	Ant1	-1.745	30	Pass
NVNT	ac20	5825	Ant1	-0.833	30	Pass
NVNT	ac40	5190	Ant1	-1.531	24	Pass
NVNT	ac40	5230	Ant1	-1.239	24	Pass
NVNT	ac40	5270	Ant1	-2.694	24	Pass
NVNT	ac40	5310	Ant1	-2.414	24	Pass
NVNT	ac40	5510	Ant1	-2.7	24	Pass
NVNT	ac40	5590	Ant1	-0.283	24	Pass
NVNT	ac40	5670	Ant1	-2.122	24	Pass
NVNT	ac40	5755	Ant1	-2.354	30	Pass
NVNT	ac40	5795	Ant1	-1.991	30	Pass
NVNT	ac80	5210	Ant1	-0.991	24	Pass
NVNT	ac80	5290	Ant1	-1.994	24	Pass
NVNT	ac80	5530	Ant1	-2.047	24	Pass
NVNT	ac80	5610	Ant1	-0.28	24	Pass
NVNT	ac80	5775	Ant1	-1.252	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	-8.902	11	Pass
NVNT	a	5200	Ant1	-9.322	11	Pass
NVNT	a	5240	Ant1	-9.158	11	Pass
NVNT	a	5260	Ant1	-8.959	11	Pass
NVNT	a	5280	Ant1	-8.388	11	Pass
NVNT	a	5320	Ant1	-8.851	11	Pass
NVNT	a	5500	Ant1	-8.383	11	Pass
NVNT	a	5600	Ant1	-7.904	11	Pass
NVNT	a	5700	Ant1	-9.214	11	Pass
NVNT	n20	5180	Ant1	-8.687	11	Pass
NVNT	n20	5200	Ant1	-7.654	11	Pass
NVNT	n20	5240	Ant1	-7.762	11	Pass
NVNT	n20	5260	Ant1	-9.396	11	Pass
NVNT	n20	5280	Ant1	-9.431	11	Pass
NVNT	n20	5320	Ant1	-9.256	11	Pass
NVNT	n20	5500	Ant1	-9.574	11	Pass
NVNT	n20	5600	Ant1	-7.525	11	Pass
NVNT	n20	5700	Ant1	-7.432	11	Pass
NVNT	n40	5190	Ant1	-11.298	11	Pass
NVNT	n40	5230	Ant1	-10.763	11	Pass
NVNT	n40	5270	Ant1	-12.275	11	Pass
NVNT	n40	5310	Ant1	-11.656	11	Pass
NVNT	n40	5510	Ant1	-12.604	11	Pass
NVNT	n40	5590	Ant1	-10.188	11	Pass
NVNT	n40	5670	Ant1	-11.781	11	Pass
NVNT	ac20	5180	Ant1	-8.716	11	Pass
NVNT	ac20	5200	Ant1	-7.703	11	Pass
NVNT	ac20	5240	Ant1	-7.963	11	Pass
NVNT	ac20	5260	Ant1	-8.531	11	Pass
NVNT	ac20	5280	Ant1	-9.359	11	Pass
NVNT	ac20	5320	Ant1	-10.305	11	Pass
NVNT	ac20	5500	Ant1	-8.615	11	Pass

NVNT	ac20	5600	Ant1	-7.302	11	Pass
NVNT	ac20	5700	Ant1	-7.788	11	Pass
NVNT	ac40	5190	Ant1	-11.502	11	Pass
NVNT	ac40	5230	Ant1	-11.298	11	Pass
NVNT	ac40	5270	Ant1	-12.835	11	Pass
NVNT	ac40	5310	Ant1	-11.976	11	Pass
NVNT	ac40	5510	Ant1	-12.887	11	Pass
NVNT	ac40	5590	Ant1	-10.494	11	Pass
NVNT	ac40	5670	Ant1	-12.254	11	Pass
NVNT	ac80	5210	Ant1	-13.775	11	Pass
NVNT	ac80	5290	Ant1	-15.001	11	Pass
NVNT	ac80	5530	Ant1	-14.518	11	Pass
NVNT	ac80	5610	Ant1	-12.738	11	Pass

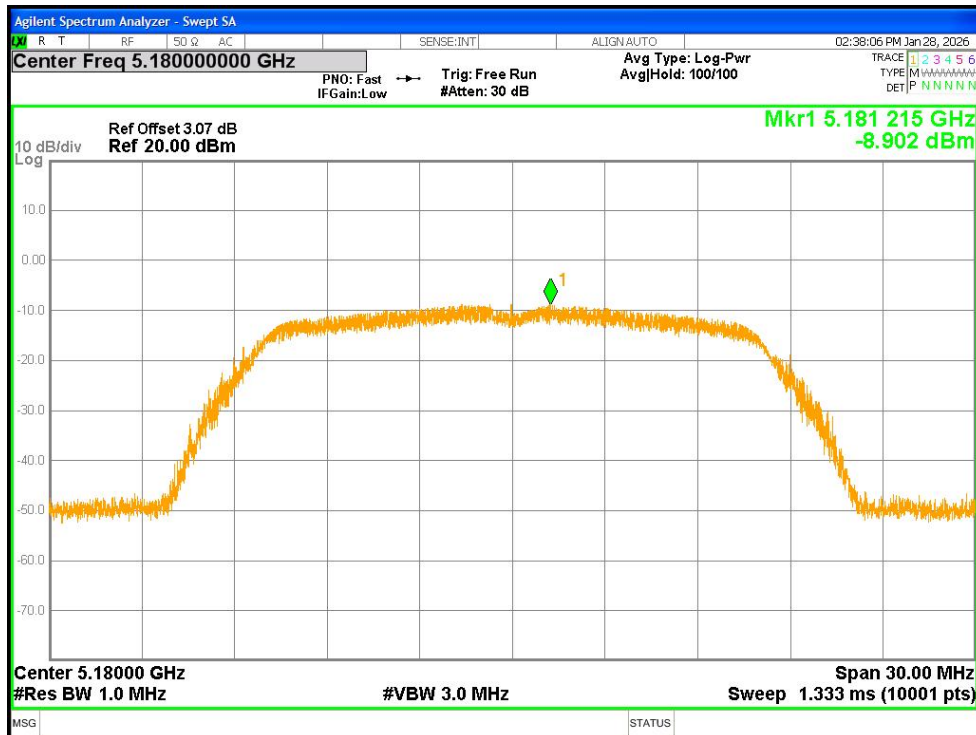
U-NII-3:

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/510kHz)	Max PSD (dBm/500kHz)		Verdict
					Result	Limit	
NVNT	a	5745	Ant1	-10.727	-10.813	30	Pass
NVNT	a	5785	Ant1	-11.004	-11.090	30	Pass
NVNT	a	5825	Ant1	-9.821	-9.907	30	Pass
NVNT	n20	5745	Ant1	-11.254	-11.340	30	Pass
NVNT	n20	5785	Ant1	-11.62	-11.706	30	Pass
NVNT	n20	5825	Ant1	-10.559	-10.645	30	Pass
NVNT	n40	5755	Ant1	-14.073	-14.159	30	Pass
NVNT	n40	5795	Ant1	-14.297	-14.383	30	Pass
NVNT	ac20	5745	Ant1	-10.94	-11.026	30	Pass
NVNT	ac20	5785	Ant1	-11.461	-11.547	30	Pass
NVNT	ac20	5825	Ant1	-9.733	-9.819	30	Pass
NVNT	ac40	5755	Ant1	-15.755	-15.841	30	Pass
NVNT	ac40	5795	Ant1	-15.21	-15.296	30	Pass
NVNT	ac80	5775	Ant1	-16.883	-16.969	30	Pass

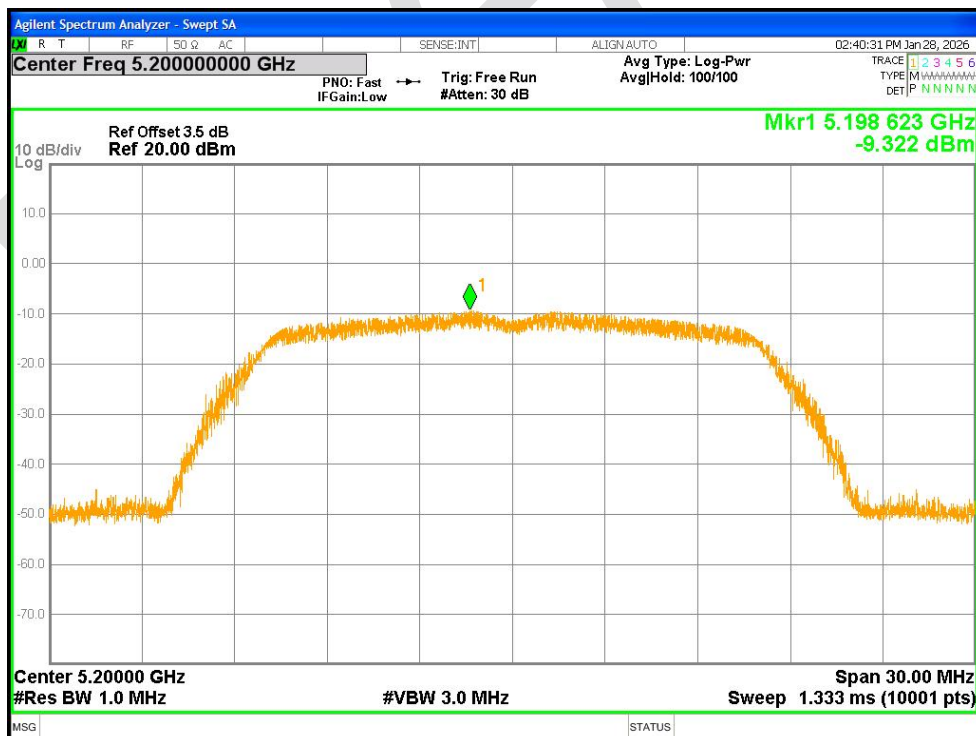
Note: Method SA-3 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01 was used for PSD test.

$$\text{dBm/500kHz} = \text{dBm/510kHz} - 10 \cdot \log(0.51/0.5) = \text{dBm/510kHz} - 0.086$$

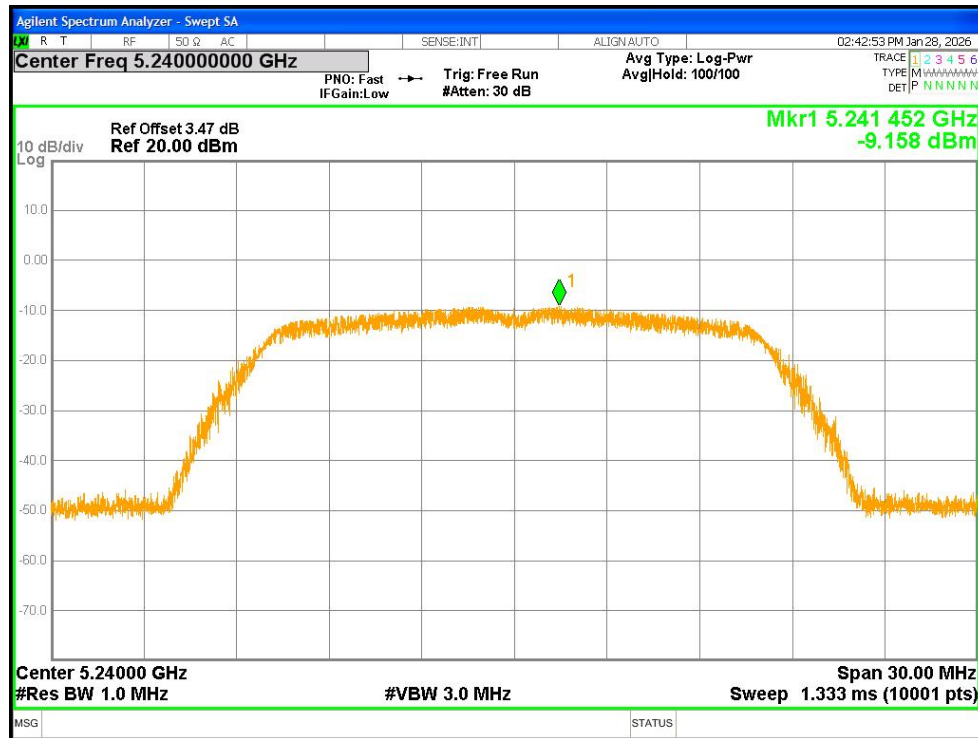
PSD NVNT a 5180MHz Ant1



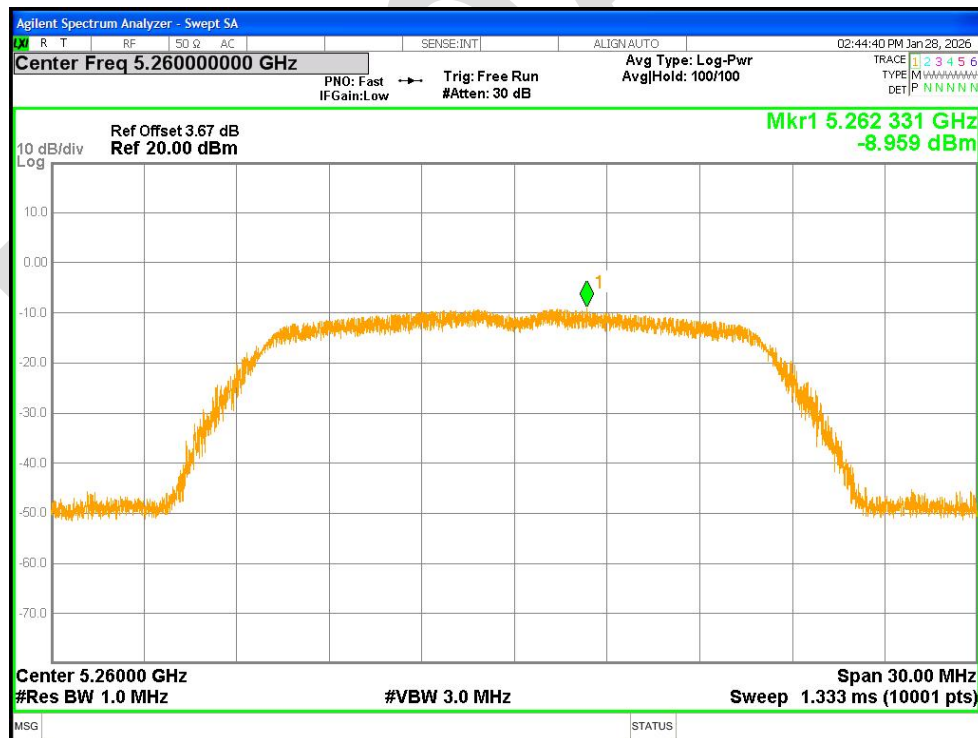
PSD NVNT a 5200MHz Ant1



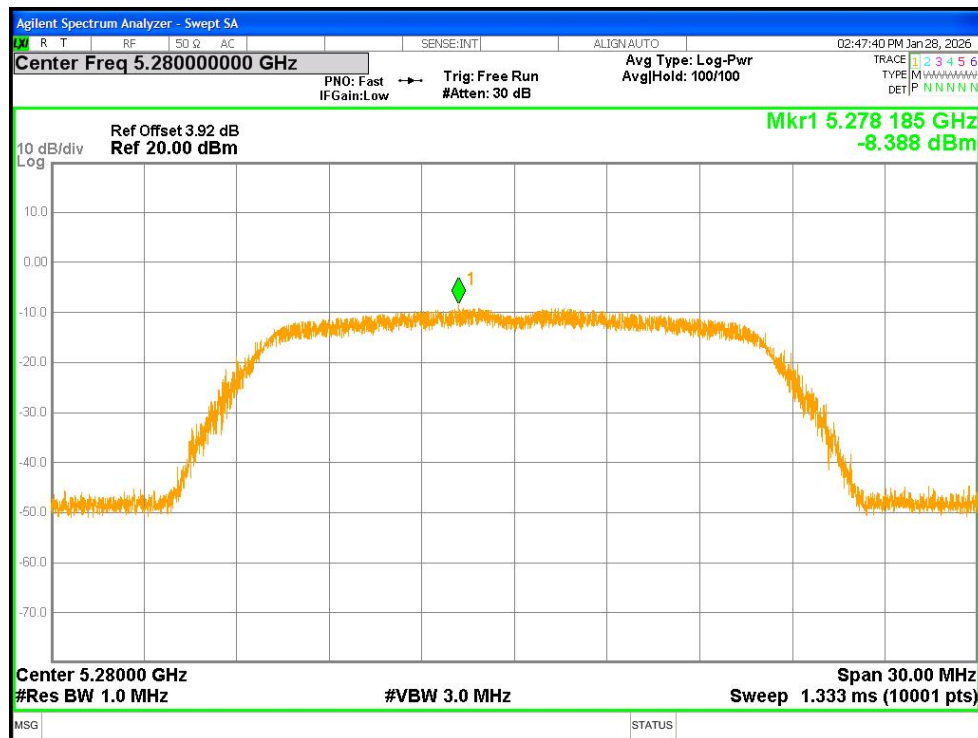
PSD NVNT a 5240MHz Ant1



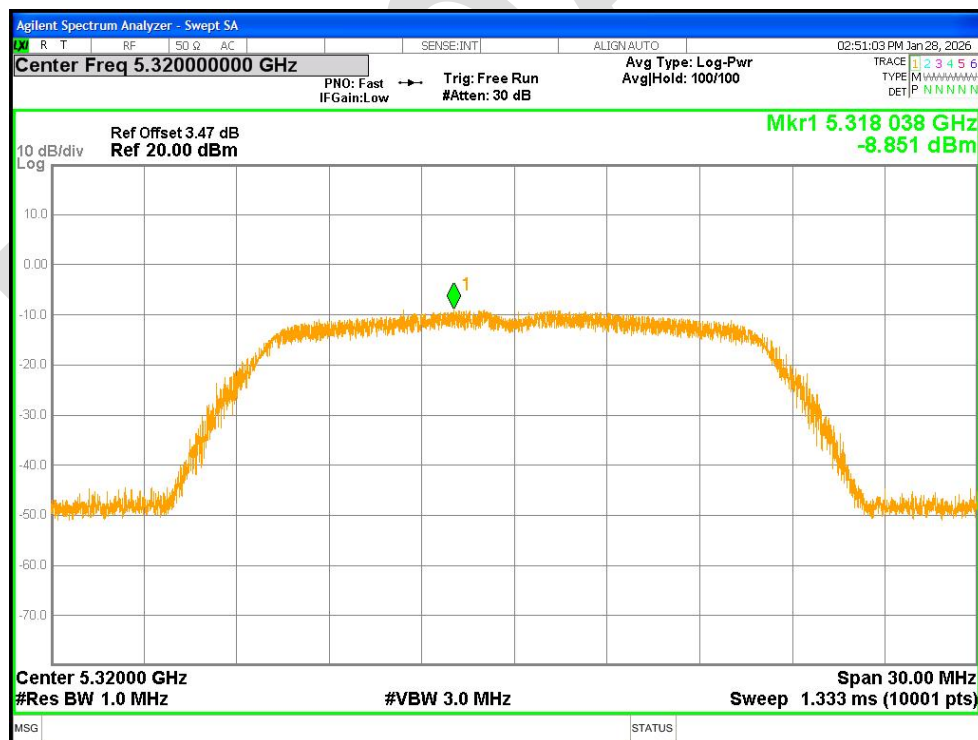
PSD NVNT a 5260MHz Ant1



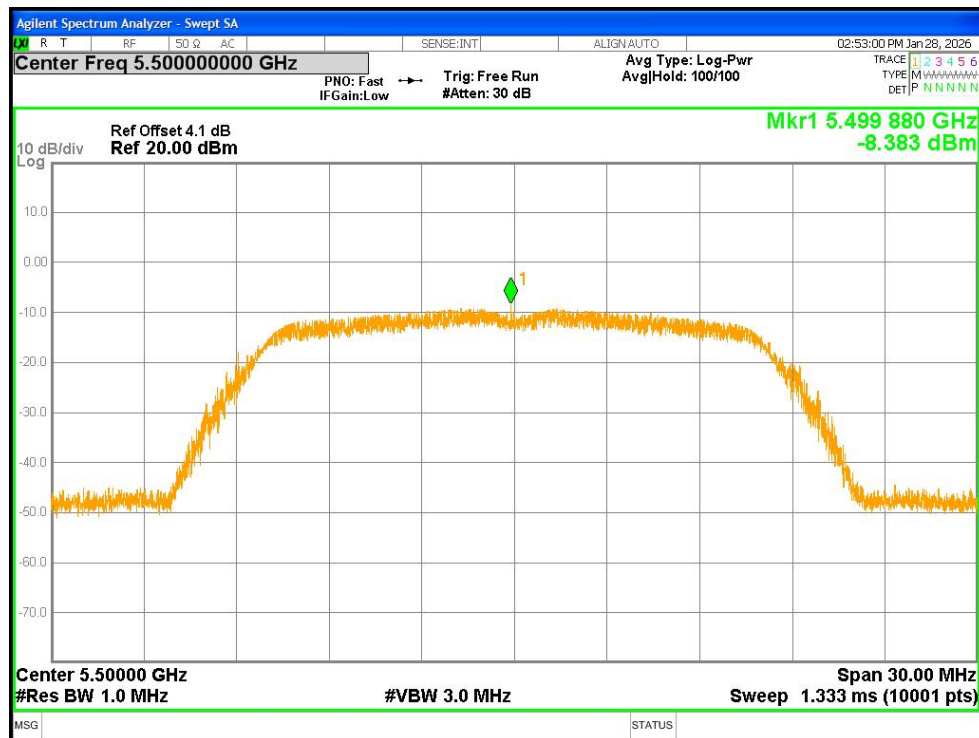
PSD NVNT a 5280MHz Ant1



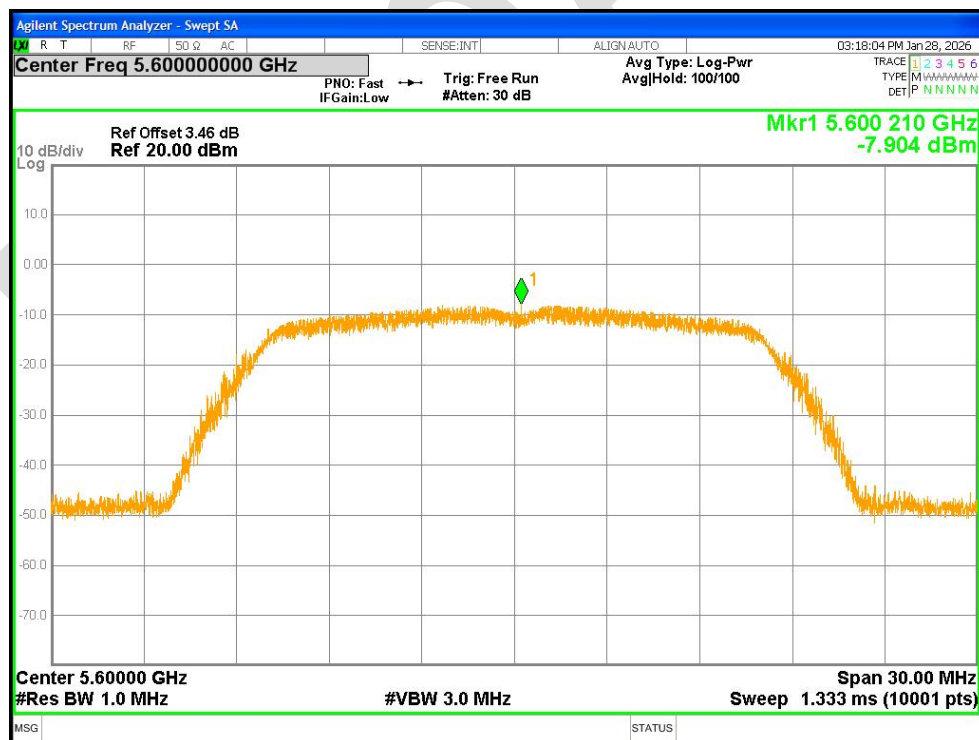
PSD NVNT a 5320MHz Ant1



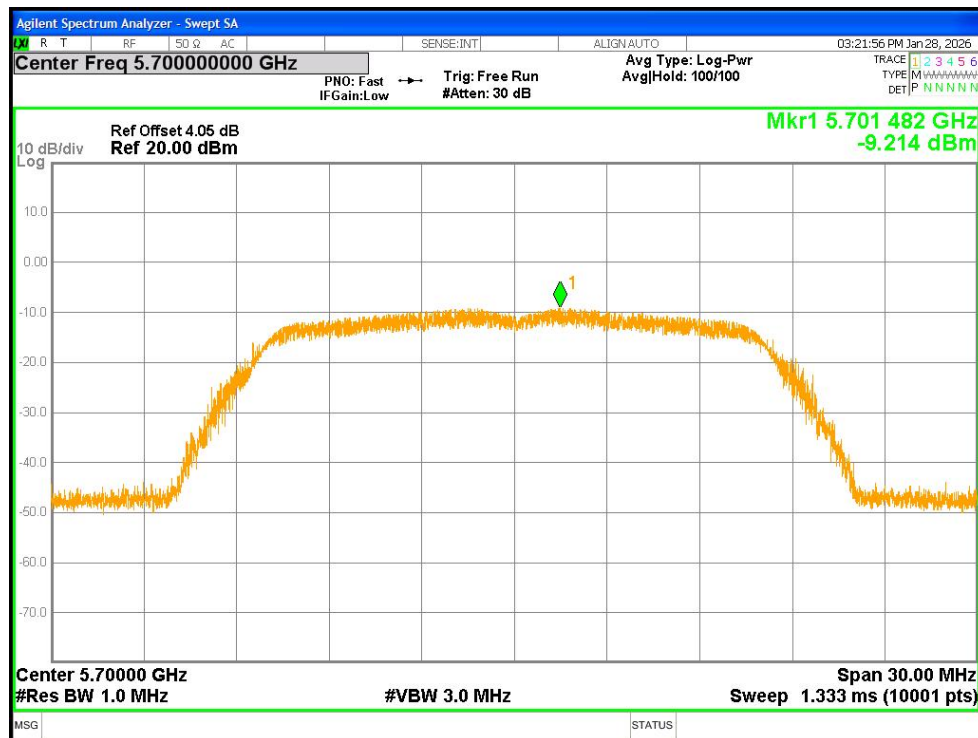
PSD NVNT a 5500MHz Ant1



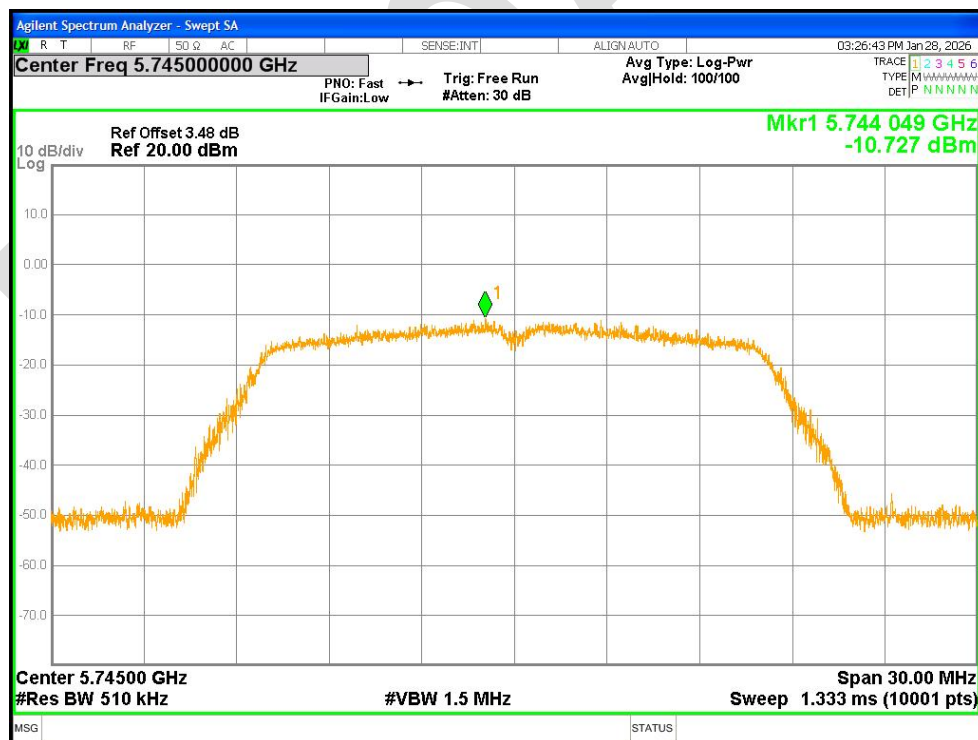
PSD NVNT a 5600MHz Ant1



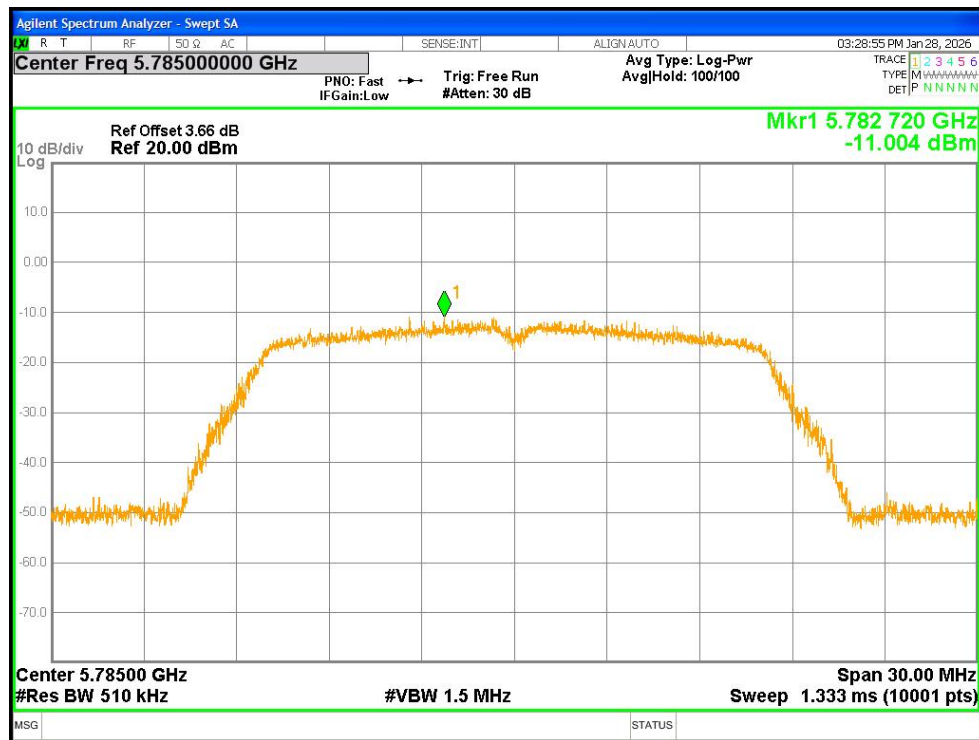
PSD NVNT a 5700MHz Ant1



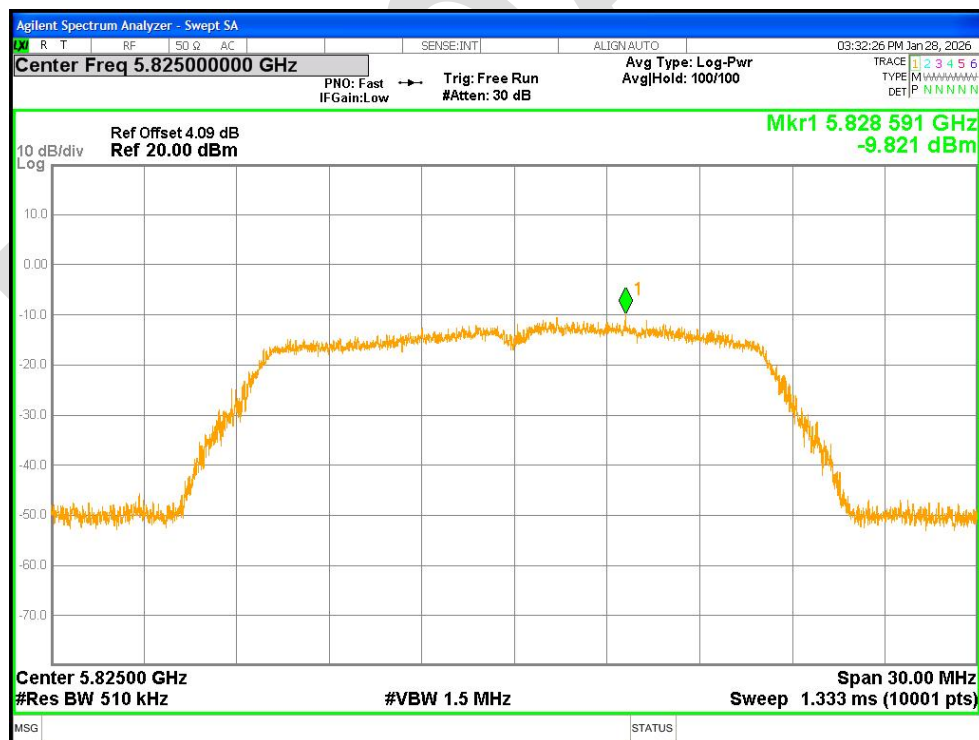
PSD NVNT a 5745MHz Ant1



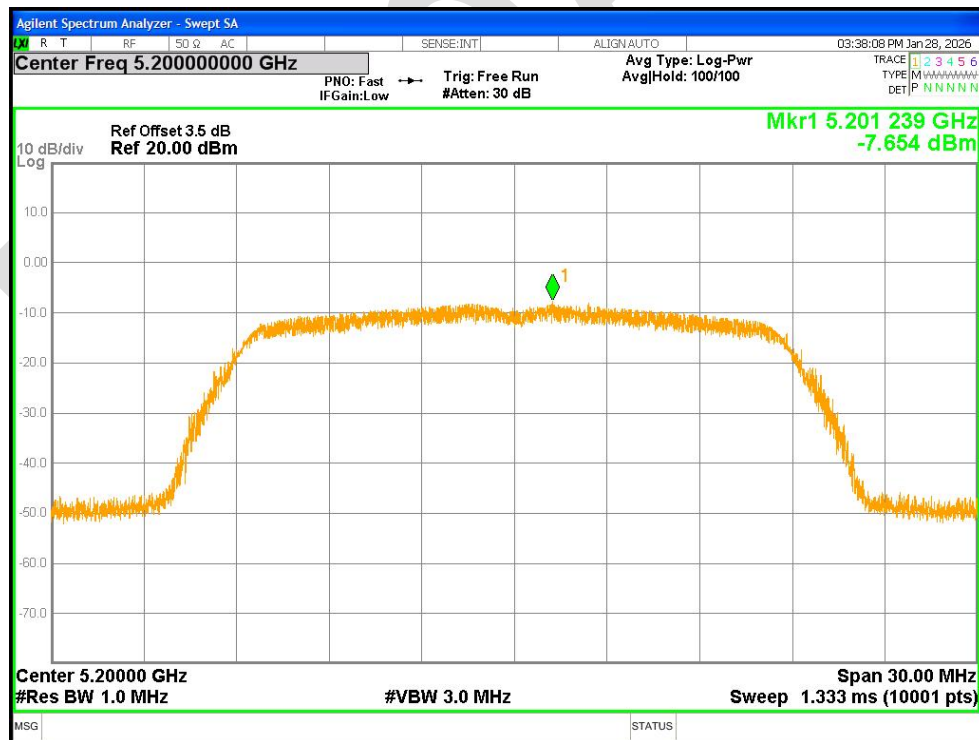
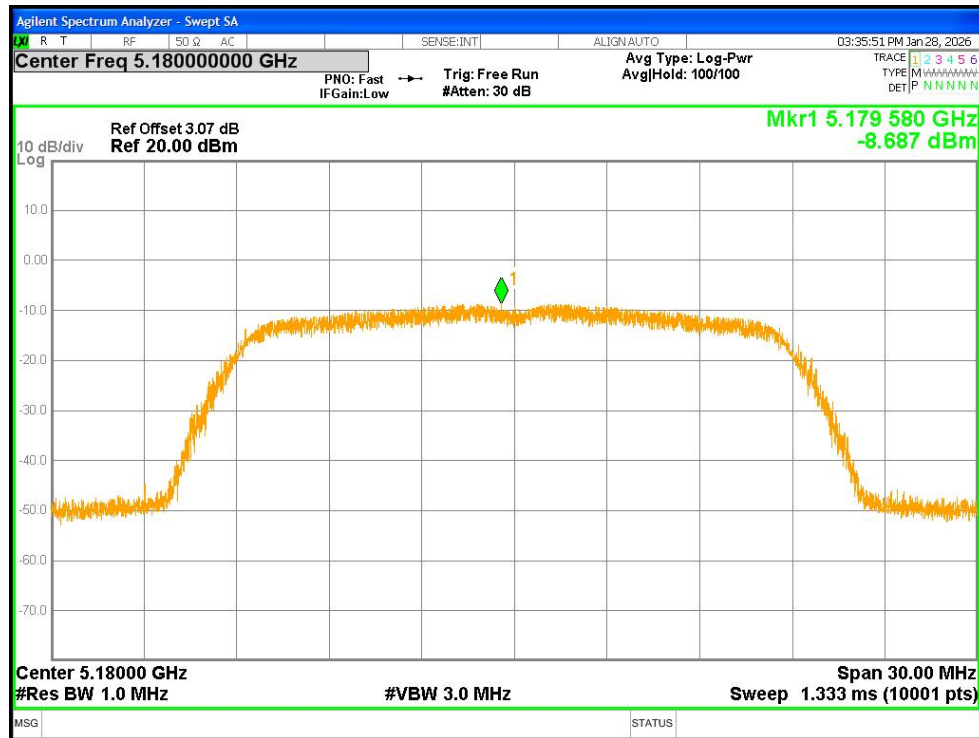
PSD NVNT a 5785MHz Ant1

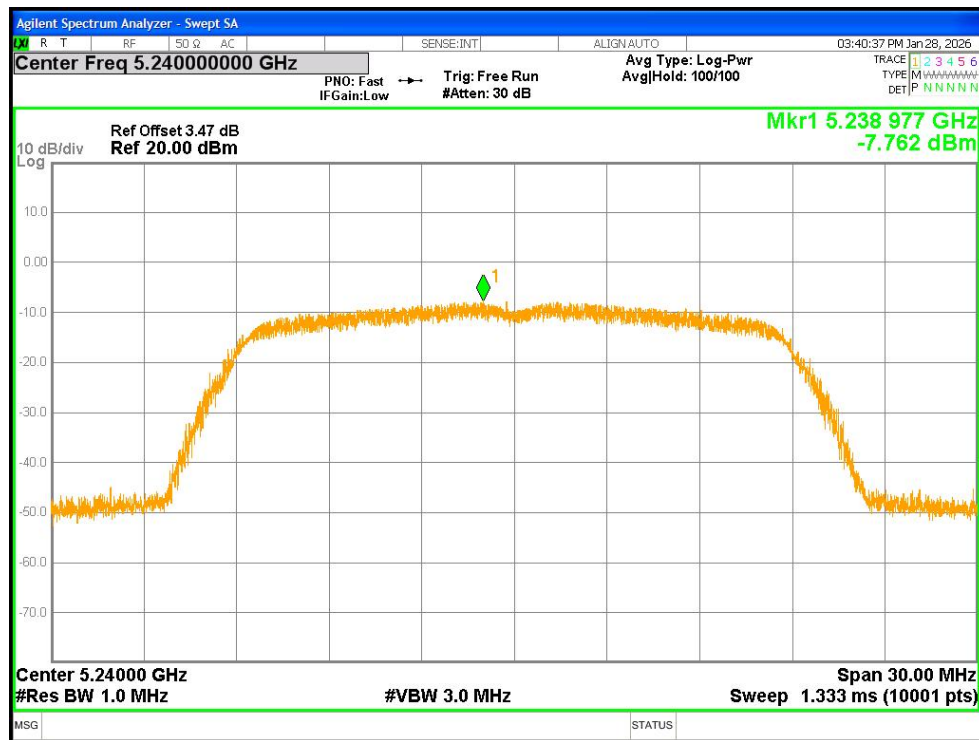


PSD NVNT a 5825MHz Ant1

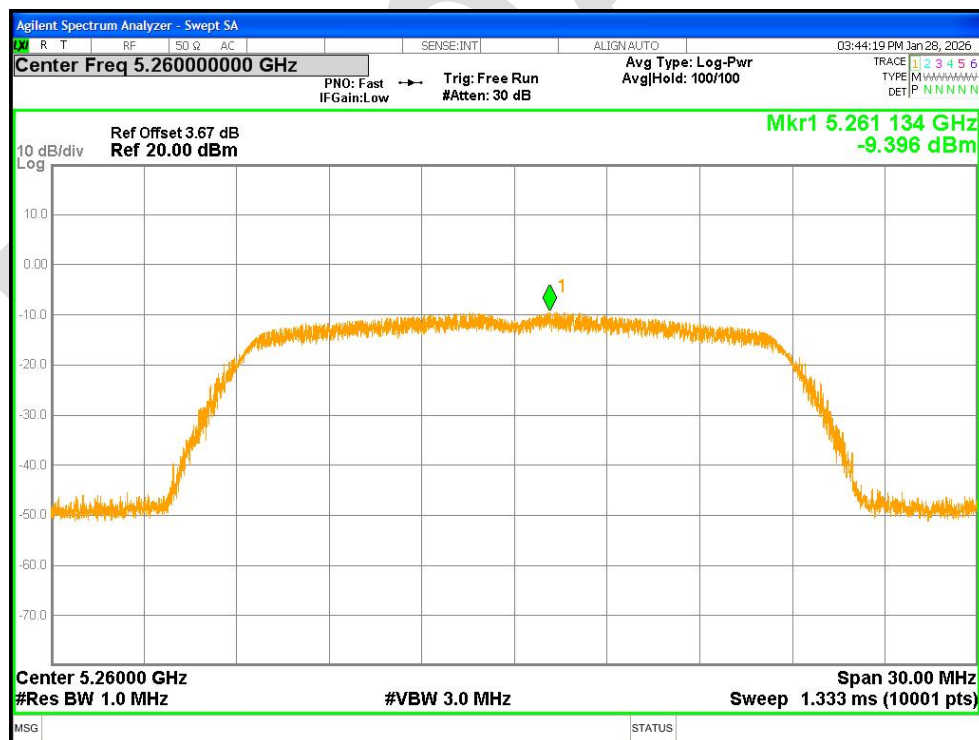


PSD NVNT n20 5180MHz Ant1





PSD NVNT n20 5260MHz Ant1



PSD NVNT n20 5280MHz Ant1