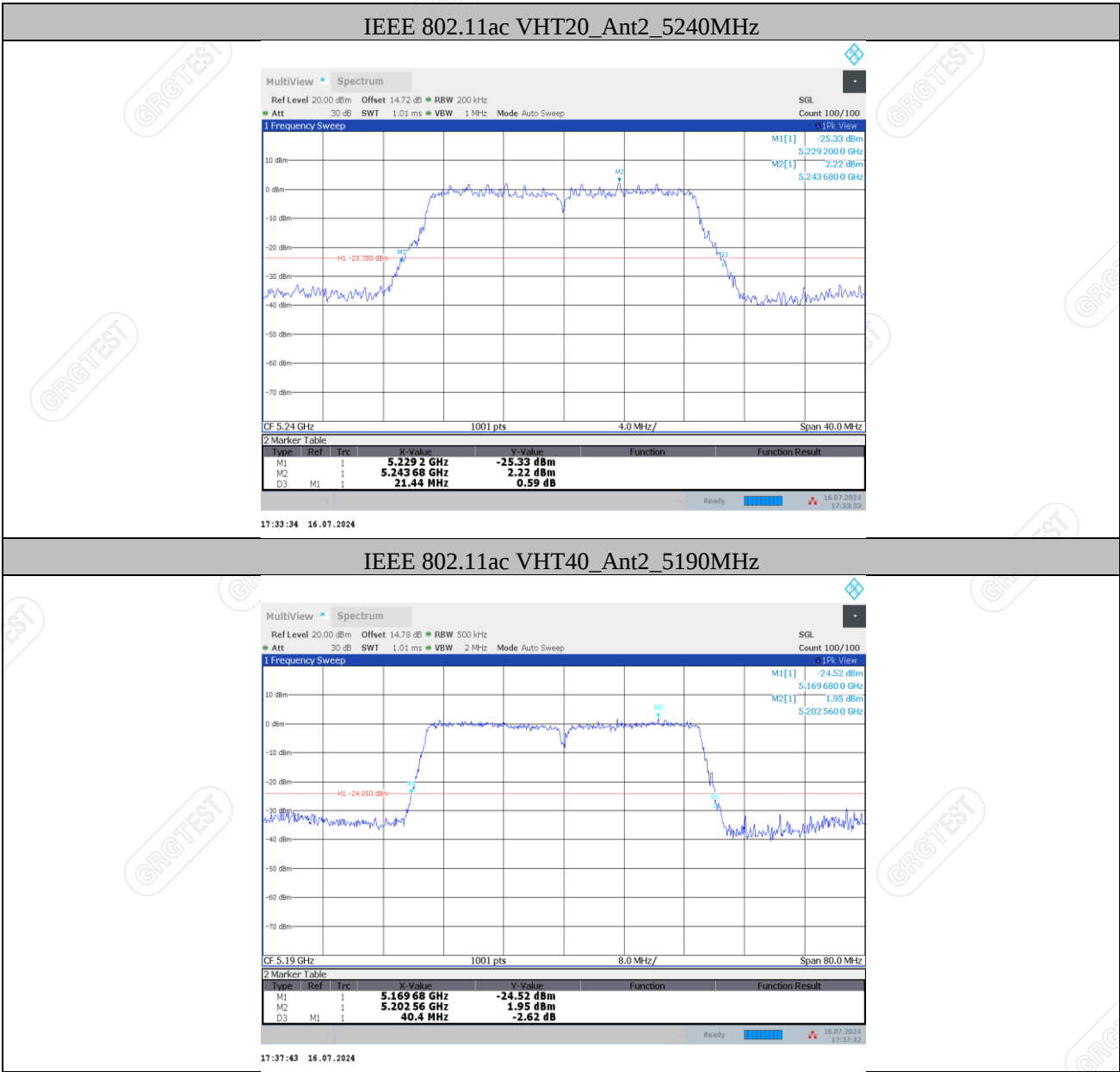
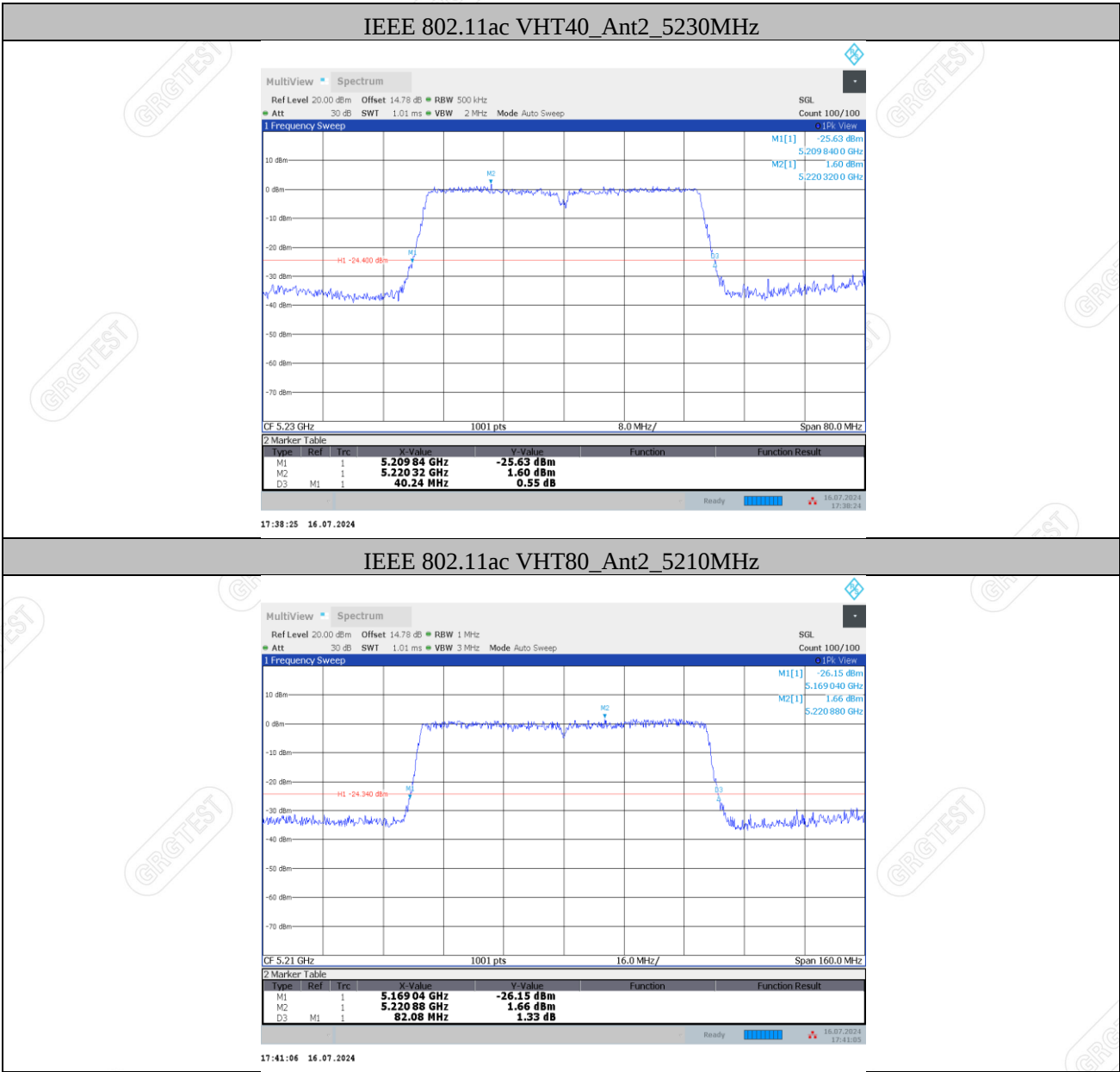
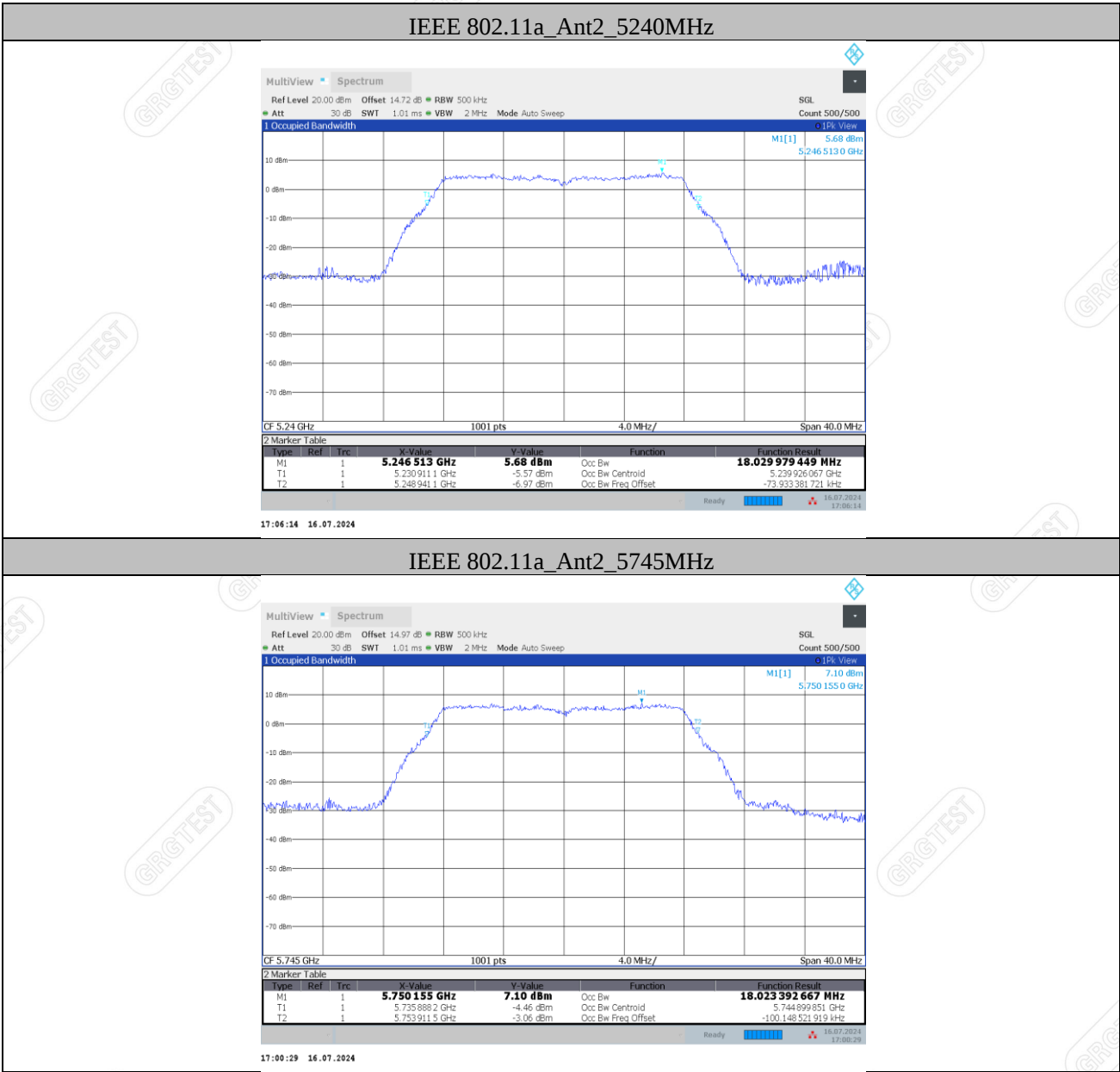






99% OCCUPIED BANDWIDTH











IEEE 802.11n HT20_Ant2_5745MHz

MultView Spectrum

Ref Level 20.00 dBm Offset 14.97 dB RBW 500 kHz
Att 30 dB SWT 1.01 ms VBW 2 MHz Mode Auto Sweep

SGL Count 500/500

1 Occupied Bandwidth

10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm

CF 5.745 GHz 1001 pts 4.0 MHz/ Span 40.0 MHz

M1[1] 7.45 dBm
5.738 726 0 GHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.738 726 GHz	7.45 dBm	Occ Bw	18.822 138 714 MHz
T1	1		5.735 524 4 GHz	-1.06 dBm	Occ Bw Centroid	5.744 935 447 GHz
T2	1		5.754 346 5 GHz	-1.95 dBm	Occ Bw Freq Offset	-64.553 476 185 kHz

Ready 16.07.2024 17:24:56



IEEE 802.11n HT20_Ant2_5825MHz

MultiView Spectrum

Ref Level 20.00 dBm Offset 14.90 dB RBW 500 kHz
Att 30 dB SWI 1.01 ms VBW 2 MHz Mode Auto Sweep

SGL Count 500/500

1 Occupied Bandwidth

10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm

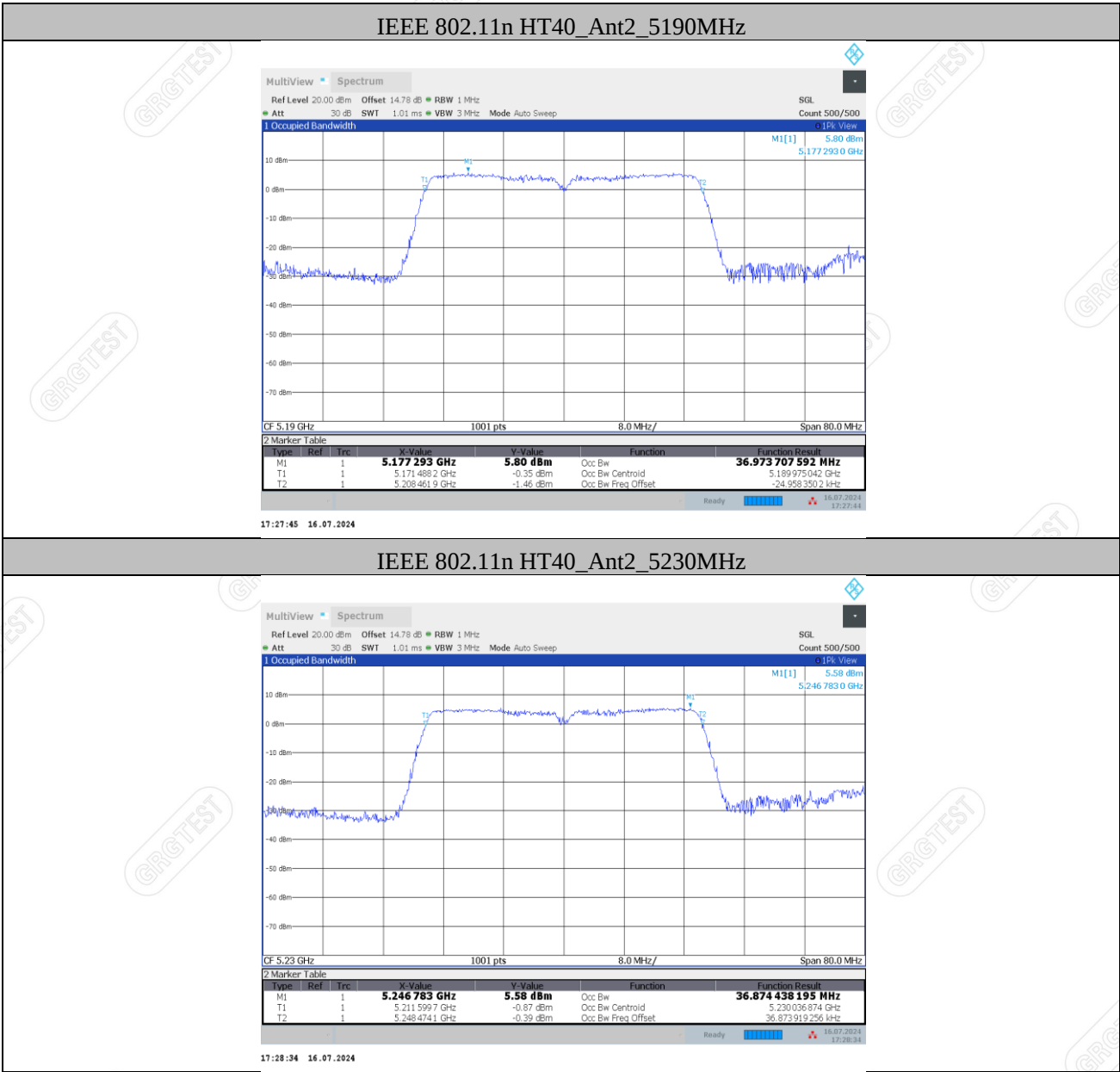
CF 5.825 GHz 1001 pts 4.0 MHz/ Span 40.0 MHz

M1[1] 7.16 dBm
5.8186860 GHz

2 Marker Table

Type	Ref	Tre	X-Value	Y-Value	Function	Function Result
M1	1		5.818686 GHz	7.16 dBm	Occ Bw	18.916537149 MHz
T1	1		5.8154565 GHz	-4.29 dBm	Occ Bw Centroid	5.824914725 GHz
T2	1		5.834373 GHz	-2.33 dBm	Occ Bw Freq Offset	-85.274827454 kHz

Ready 16.07.2024 17:26:50



17:27:45 16.07.2024

IEEE 802.11n HT40_Ant2_5230MHz

MultiView Spectrum

Ref Level 20.00 dBm Offset 14.78 dB RBW 1 MHz
Att 30 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep

SGL Count 500/500

Occupied Bandwidth

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 5.23 GHz 1001 pts 8.0 MHz/ Span 80.0 MHz

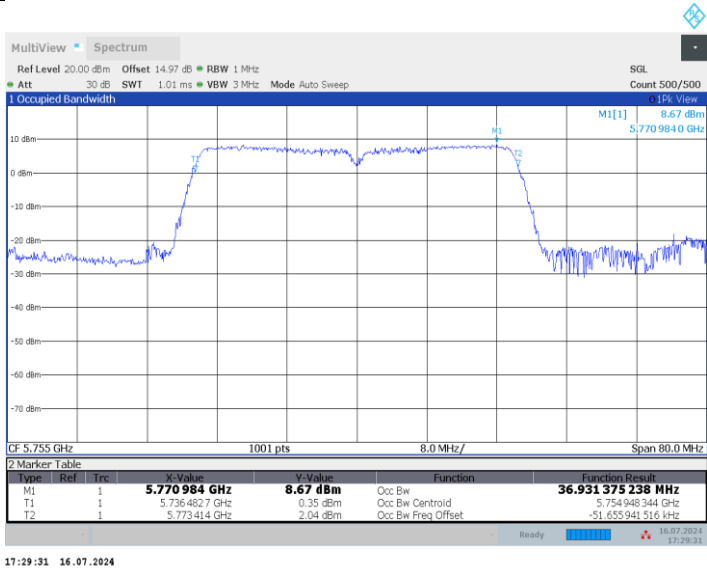
Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.246783 GHz	5.58 dBm	Occ Bw	36.874438195 MHz
T1	1		5.2115997 GHz	-0.87 dBm	Occ Bw Centroid	5.230036874 GHz
T2	1		5.2484741 GHz	-0.39 dBm	Occ Bw Freq Offset	36.873919256 kHz

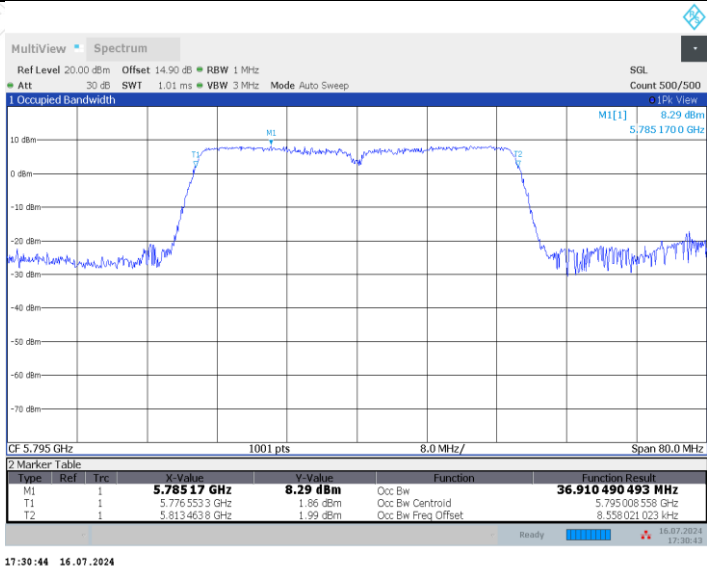
Ready 16.07.2024 17:28:34

17:28:34 16.07.2024

IEEE 802.11n HT40_Ant2_5755MHz



IEEE 802.11n HT40_Ant2_5795MHz







IEEE 802.11ac VHT20_Ant2_5745MHz

MultiView Spectrum

Ref Level 20.00 dBm Offset 14.97 dB RBW 500 kHz
Att 30 dB SWI 1.01 ms VBW 2 MHz Mode Auto Sweep

SGL Count 500/500

Occupied Bandwidth

10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm

CF 5.745 GHz 1001 pts 4.0 MHz/ Span 40.0 MHz

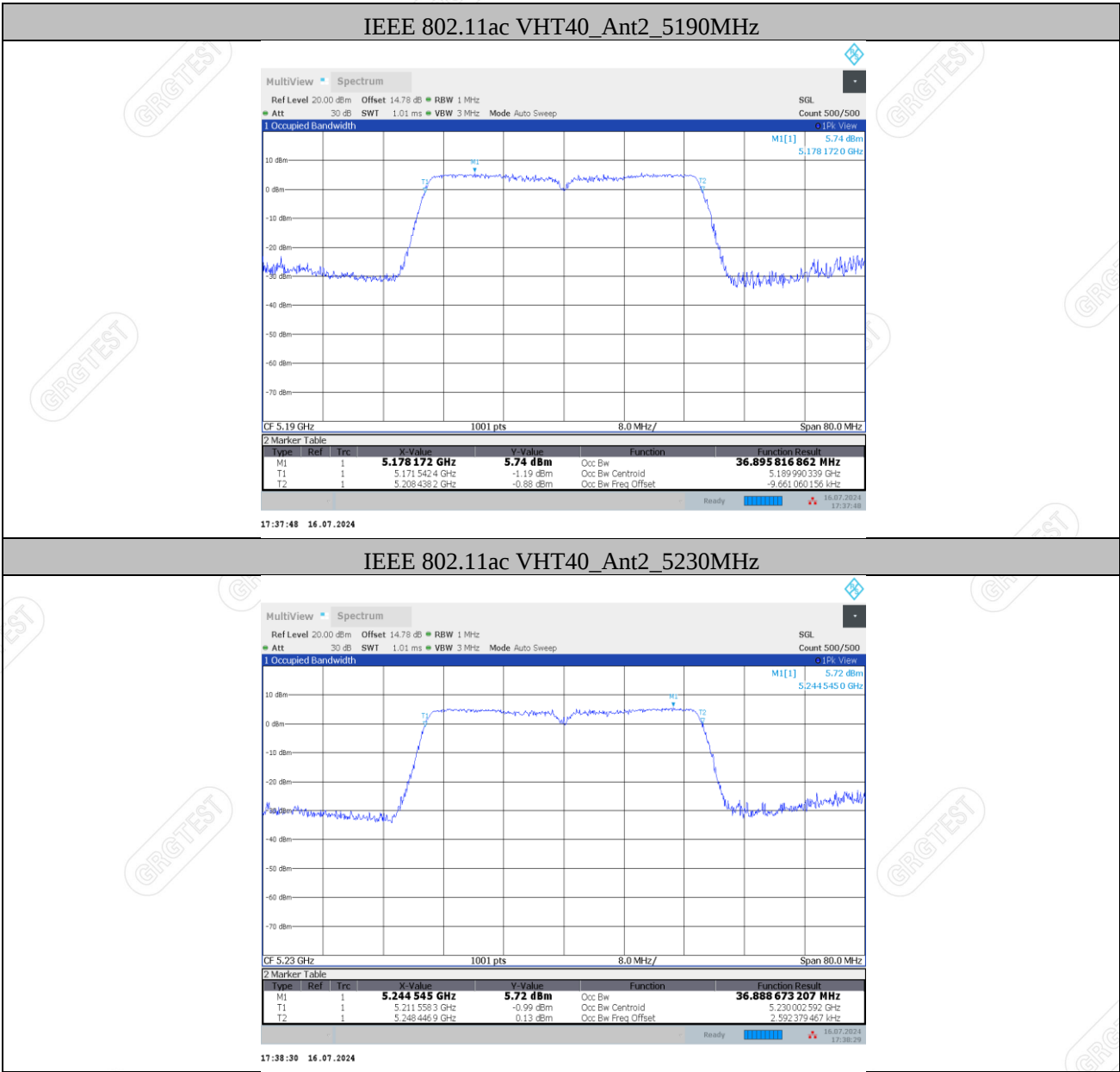
M1[1] 7.81 dBm
5.7503150 GHz

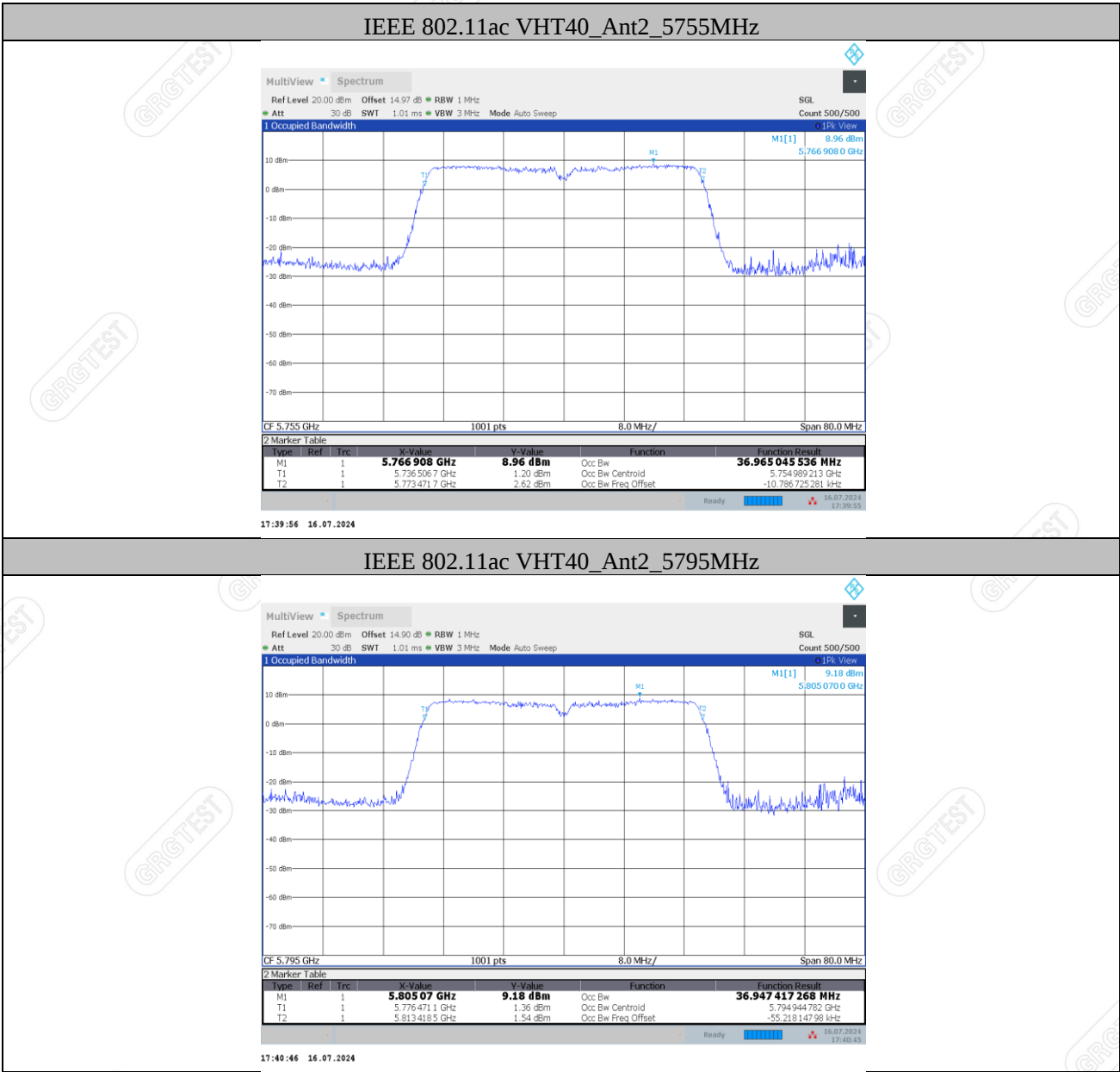
2 Marker Table

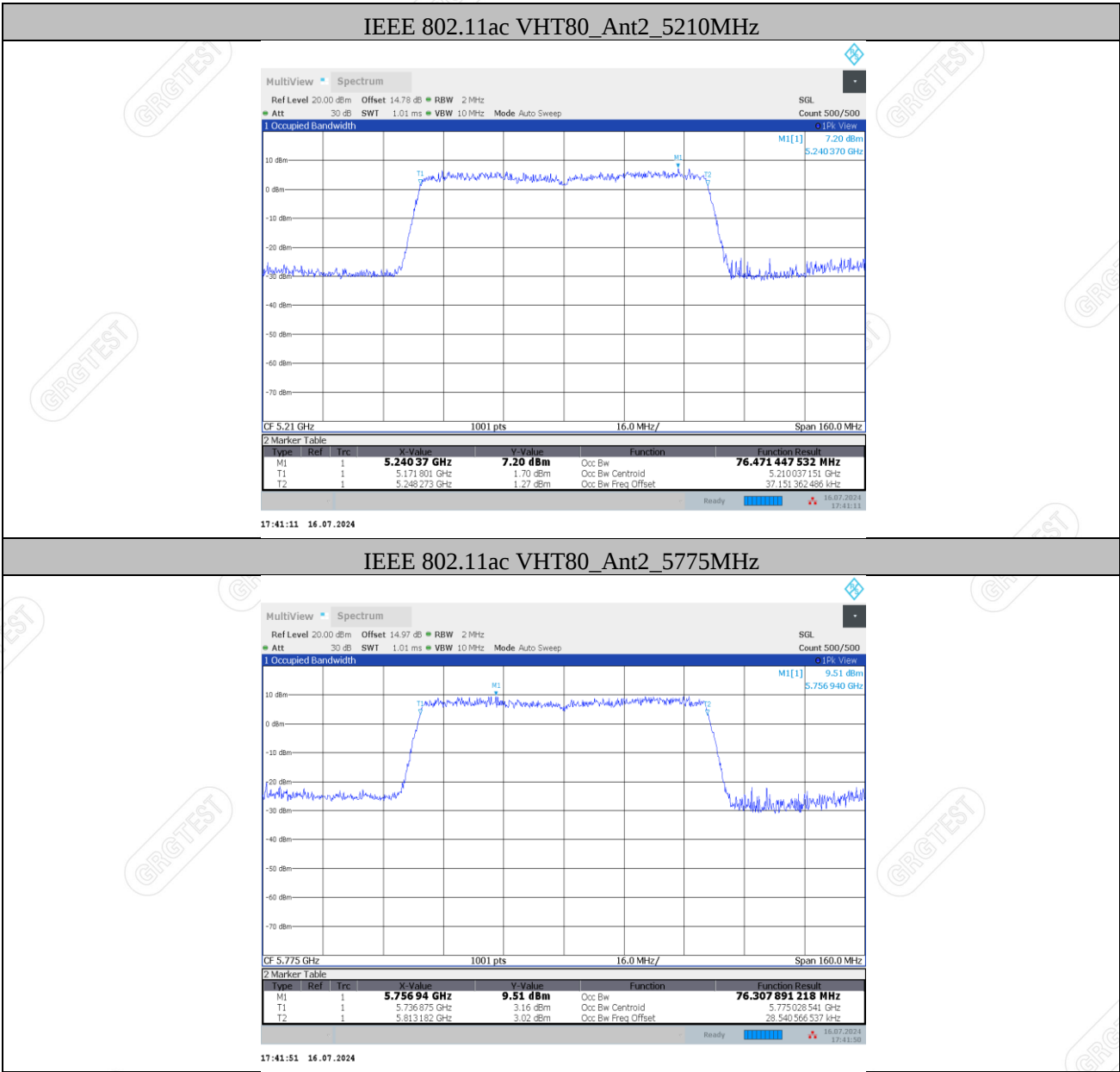
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.750315 GHz	7.81 dBm	Occ Bw	18.818808073 MHz
T1	1		5.7354933 GHz	-1.06 dBm	Occ Bw Centroid	5.744902702 GHz
T2	1		5.7543121 GHz	-1.99 dBm	Occ Bw Freq Offset	-97.297874922 kHz

Ready 16.07.2024 17:34:40









8. OUTPUT POWER

8.1 LIMITS

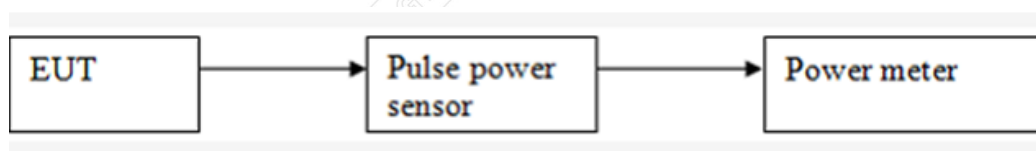
The FCC 15.407(a), The maximum conducted output power should not exceed:

Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	1W(30dBm) (Max. e.i.r.p $\leq$ 125mW at any elevation angle above 30 degrees as measured from the horizon)
	Indoor Access Point	1W(30dBm)
	Fixed point-to-point Access Point	1W(30dBm)
	Mobile and Portable Client Device	250mW(23.98dBm)
U-NII-3	All Device	1W(30dBm)

8.2 TEST PROCEDURES

- The RF output of EUT was connected to the broadband average RF power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- Set to the maximum power setting and enable the EUT transmit continuously.
- Measure the conducted output power and record the results in the test report.

8.3 TEST SETUP



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8.4 TEST RESULTS

Environment: 25.2℃/48%RH 101.0kPa
Tested By: Qin Tingting

Voltage:DC 12V
Date: 2024-07-16~2024-08-30

U-NII-1:

Test Mode	Antenna	Frequency [MHz]	AVG Conducted Output Power with Duty Factor (dBm)	Limit [dBm]	Verdict
IEEE 802.11a	Ant2	5180	12.91	≤23.98	PASS
	Ant2	5200	12.77	≤23.98	PASS
	Ant2	5240	12.59	≤23.98	PASS
IEEE 802.11n HT20	Ant2	5180	11.83	≤23.98	PASS
	Ant2	5200	11.71	≤23.98	PASS
	Ant2	5240	11.49	≤23.98	PASS
IEEE 802.11n HT40	Ant2	5190	4.29	≤23.98	PASS
	Ant2	5230	4.59	≤23.98	PASS
IEEE 802.11ac VHT20	Ant2	5180	12.09	≤23.98	PASS
	Ant2	5200	11.71	≤23.98	PASS
	Ant2	5240	11.55	≤23.98	PASS
IEEE 802.11ac VHT40	Ant2	5190	4.35	≤23.98	PASS
		5230	4.50	≤23.98	PASS
IEEE 802.11ac VHT80	Ant2	5210	4.01	≤23.98	PASS

Note: The EUT supports outdoor AP and client, the limit is the lowest, and the EIRP meets the requirements of the outdoor AP (21dBm).

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U-NII-3:

Test Mode	Antenna	Frequency [MHz]	AVG Conducted Output Power with Duty Factor (dBm)	Limit [dBm]	Verdict
IEEE 802.11a	Ant2	5745	11.05	≤30	PASS
	Ant2	5785	11.14	≤30	PASS
	Ant2	5825	11.16	≤30	PASS
IEEE 802.11n HT20	Ant2	5745	11.55	≤30	PASS
	Ant2	5785	11.29	≤30	PASS
	Ant2	5825	11.36	≤30	PASS
IEEE 802.11n HT40	Ant2	5755	10.11	≤30	PASS
	Ant2	5795	11.78	≤30	PASS
IEEE 802.11ac VHT20	Ant2	5745	11.48	≤30	PASS
	Ant2	5785	11.23	≤30	PASS
	Ant2	5825	11.18	≤30	PASS
IEEE 802.11ac VHT40	Ant2	5755	10.13	≤30	PASS
		5795	11.73	≤30	PASS
IEEE 802.11ac VHT80	Ant2	5775	9.71	≤30	PASS

Note: 1. Result already includes duty factor, 5745MHz~5825MHz antenna gain is 1.6dBi, 5180MHz~5240MHz antenna gain is 1.6dBi

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9. POWER SPECTRAL DENSITY

9.1 LIMITS

Section 15.407(a)

The maximum power spectral density should not exceed:

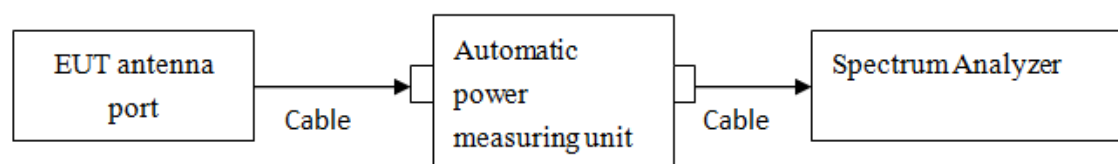
Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	17dBm/MHz
	Indoor Access Point	17dBm/MHz
	Fixed point-to-point Access Point	17dBm/MHz
	Mobile and Portable Client Device	11dBm/MHz
U-NII-3	All Device	30dBm/500kHz

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

9.2 TEST PROCEDURES

Spectrum Parameters	Setting
RBW	1MHz(For U-NII-1&U-NII-2A&U-NII-2C) 500kHz(For U-NII-3)
VBW	3MHz(For U-NII-1&U-NII-2A&U-NII-2C) 2MHz(For U-NII-3)
Span	encompass the entire 26 dB EBW or 99% OBW of the signal
Sweep Time	Auto
Number of Sweep Point	$\geq 2 \times \text{SPAN} / \text{RBW}$
Detector	RMS(power averaging)
Trace Average	≥ 100 traces

9.3 TEST SETUP



9.4 TEST RESULTS

Environment: 25.2°C/48%RH 101.0kPa
Tested By: Qin Tingting
U-NII-1:

Voltage:DC 12V
Date: 2024-07-16~2024-08-30

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
IEEE 802.11a	Ant2	5180	1.38	≤11	PASS
	Ant2	5200	1.20	≤11	PASS
	Ant2	5240	1.54	≤11	PASS
IEEE 802.11n HT20	Ant2	5180	1.18	≤11	PASS
	Ant2	5200	1.01	≤11	PASS
	Ant2	5240	1.46	≤11	PASS
IEEE 802.11n HT40	Ant2	5190	-12.16	≤11	PASS
	Ant2	5230	-11.56	≤11	PASS
IEEE 802.11ac VHT20	Ant2	5180	1.07	≤11	PASS
	Ant2	5200	0.97	≤11	PASS
	Ant2	5240	1.32	≤11	PASS
IEEE 802.11ac VHT40	Ant2	5190	-12.07	≤11	PASS
	Ant2	5230	-12.13	≤11	PASS
IEEE 802.11ac VHT80	Ant2	5210	-15.20	≤11	PASS

Note: The EUT supports outdoor AP and client, the limit is the lowest.

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U-NII-3:

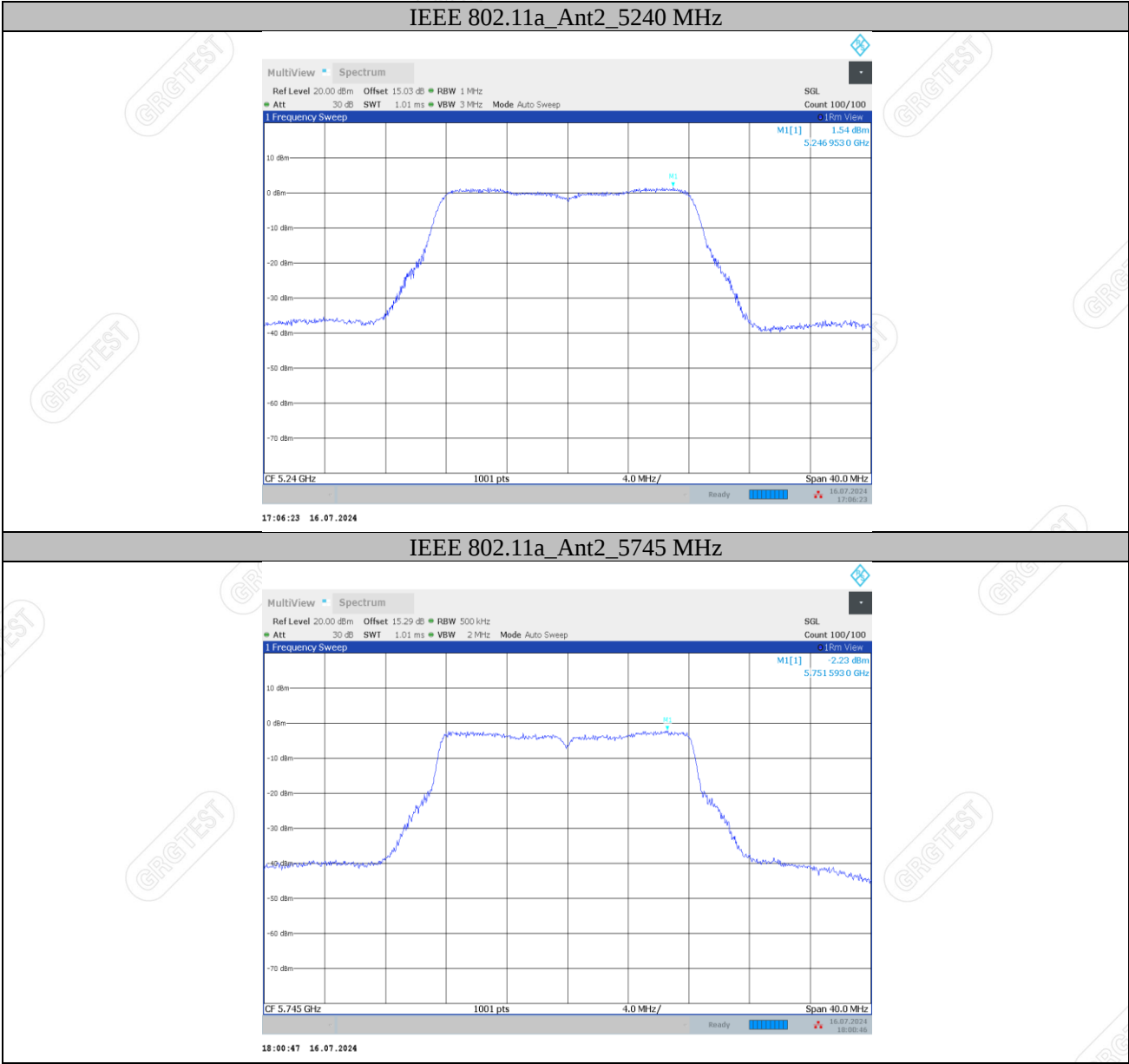
Test Mode	Antenna	Frequency [MHz]	Result [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
IEEE 802.11a	Ant2	5745	-2.23	≤30.00	PASS
	Ant2	5785	-2.35	≤30.00	PASS
	Ant2	5825	-2.46	≤30.00	PASS
IEEE 802.11n HT20	Ant2	5745	-2.35	≤30.00	PASS
	Ant2	5785	-2.57	≤30.00	PASS
	Ant2	5825	-2.60	≤30.00	PASS
IEEE 802.11n HT40	Ant2	5755	-7.11	≤30.00	PASS
	Ant2	5795	-4.84	≤30.00	PASS
IEEE 802.11ac VHT20	Ant2	5745	-2.48	≤30.00	PASS
	Ant2	5785	-2.58	≤30.00	PASS
	Ant2	5825	-2.79	≤30.00	PASS
IEEE 802.11ac VHT40	Ant2	5755	-7.25	≤30.00	PASS
	Ant2	5795	-4.89	≤30.00	PASS
IEEE 802.11ac VHT80	Ant2	5775	-11.01	≤30.00	PASS

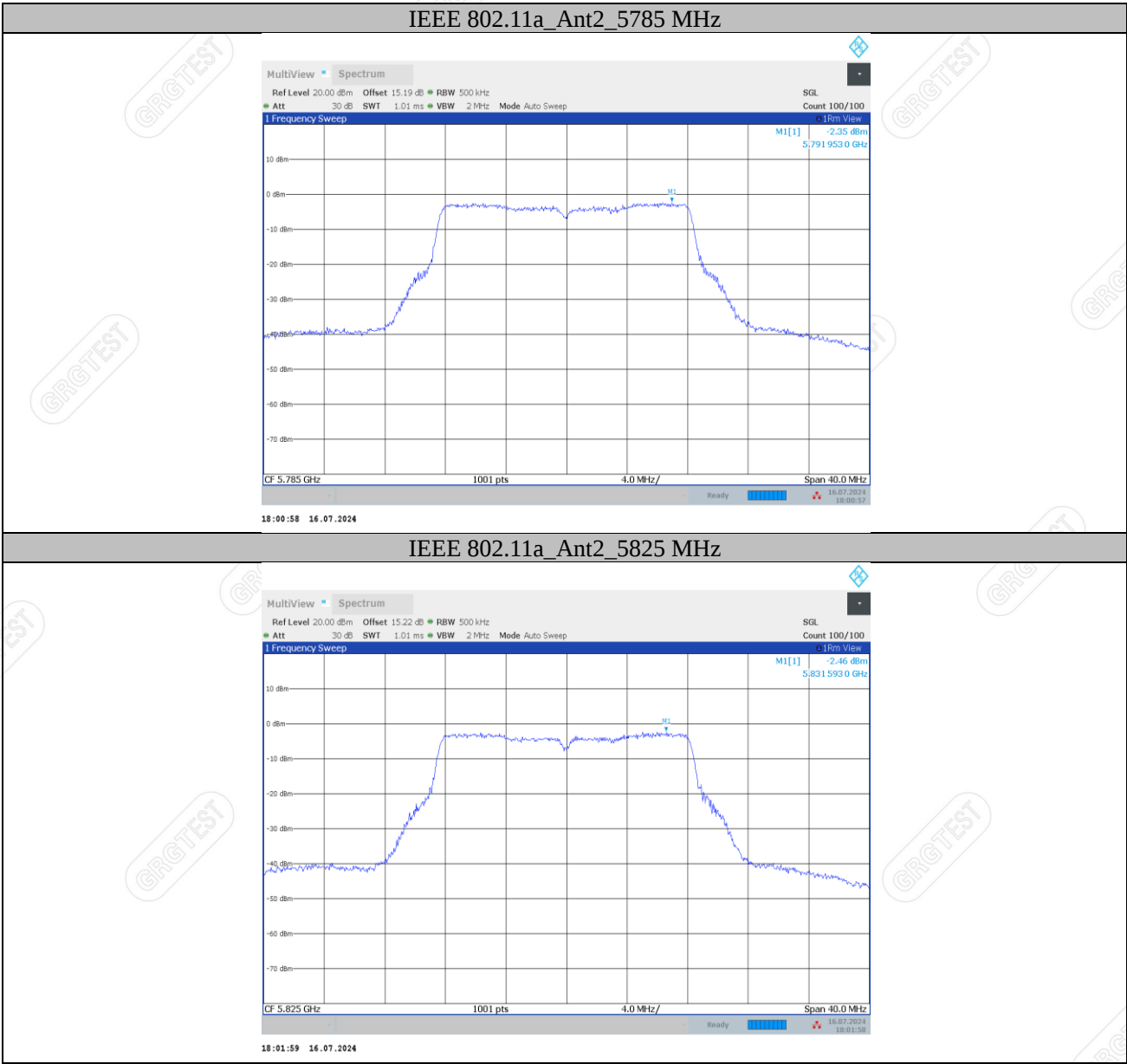
Note: 1. Result already includes duty factor, 5745 MHz~5825 MHz antenna gain is 1.6dBi, 5180 MHz~5240 MHz antenna gain is 1.6dBi.

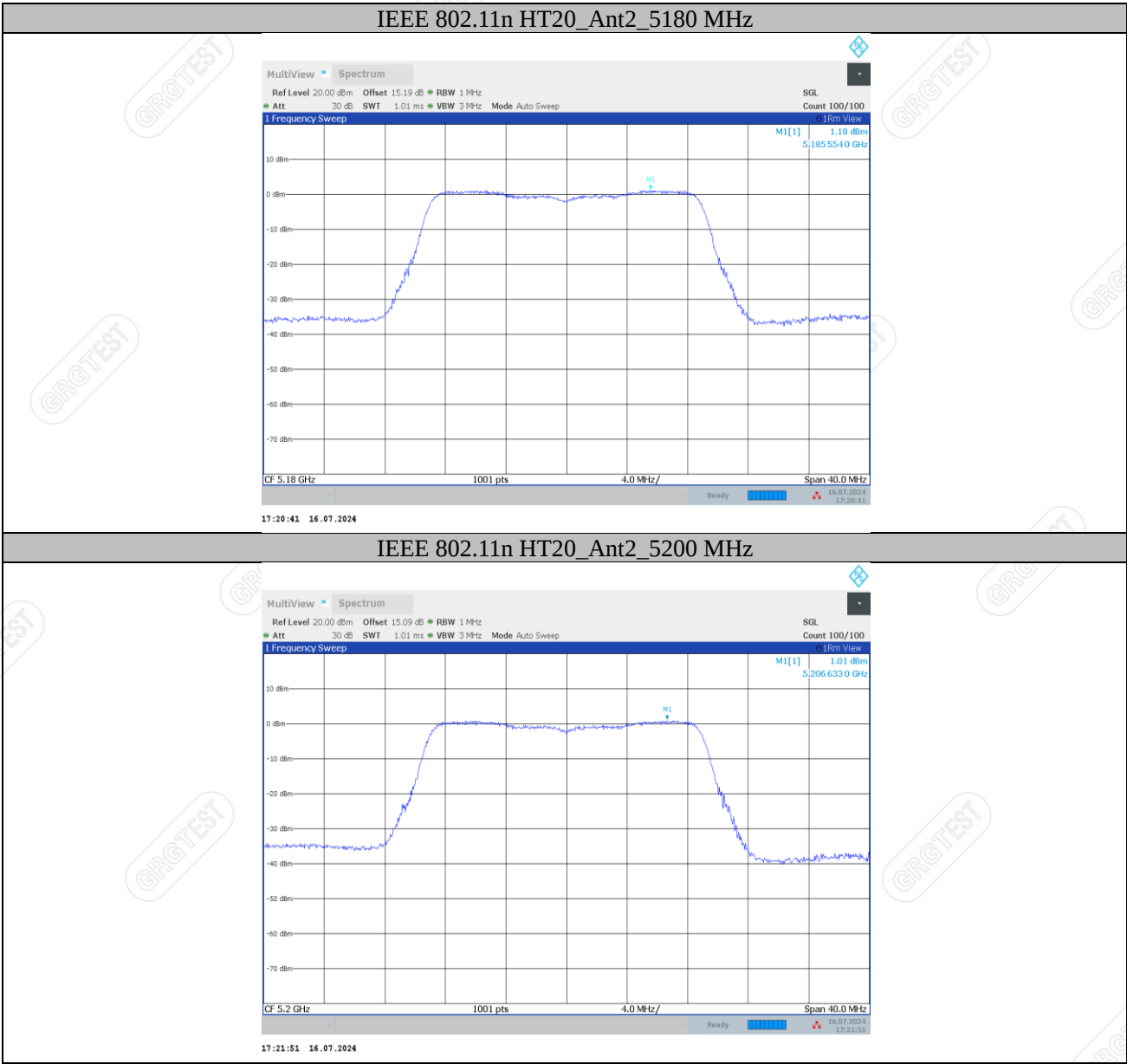
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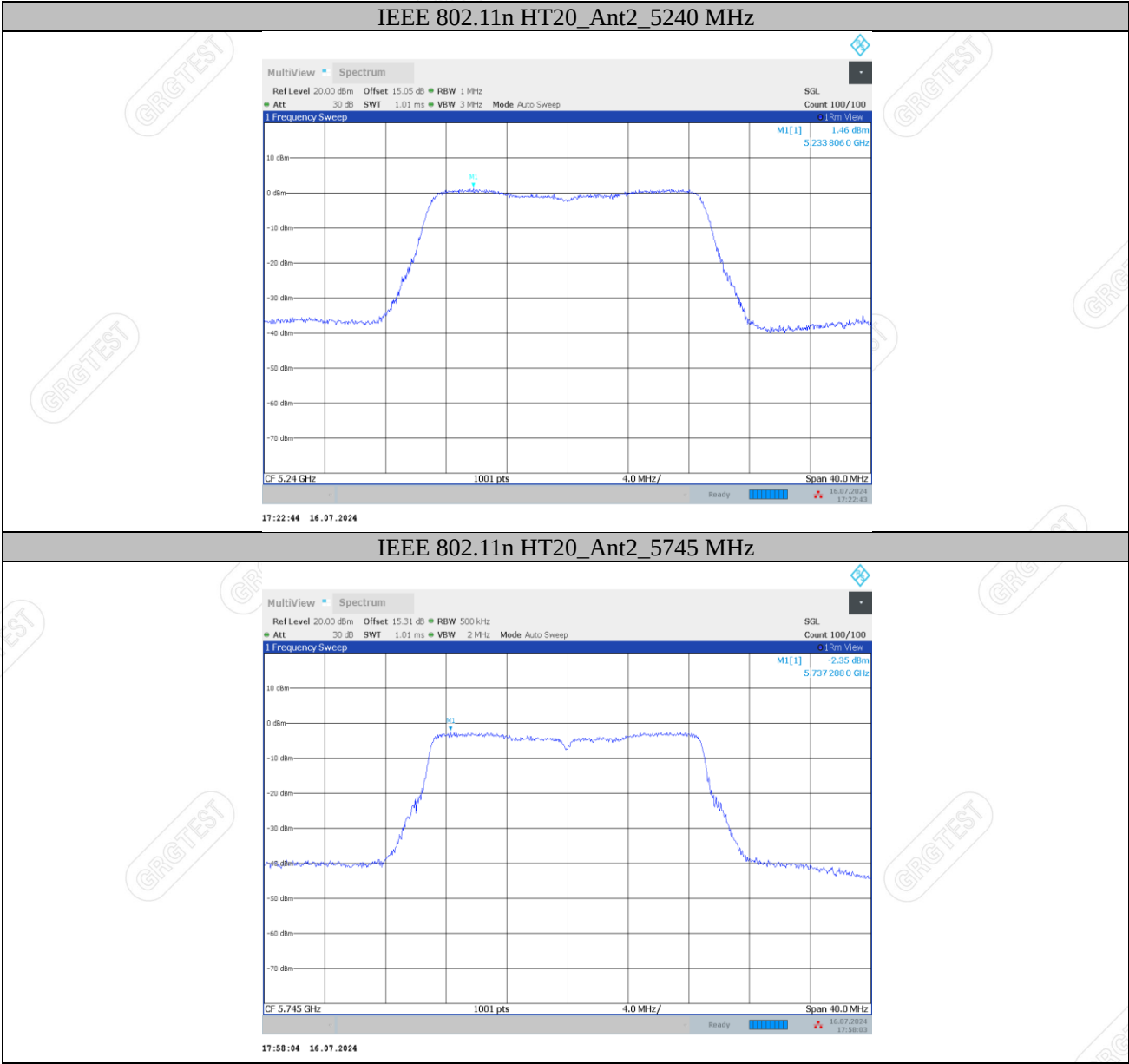
Test Graphs

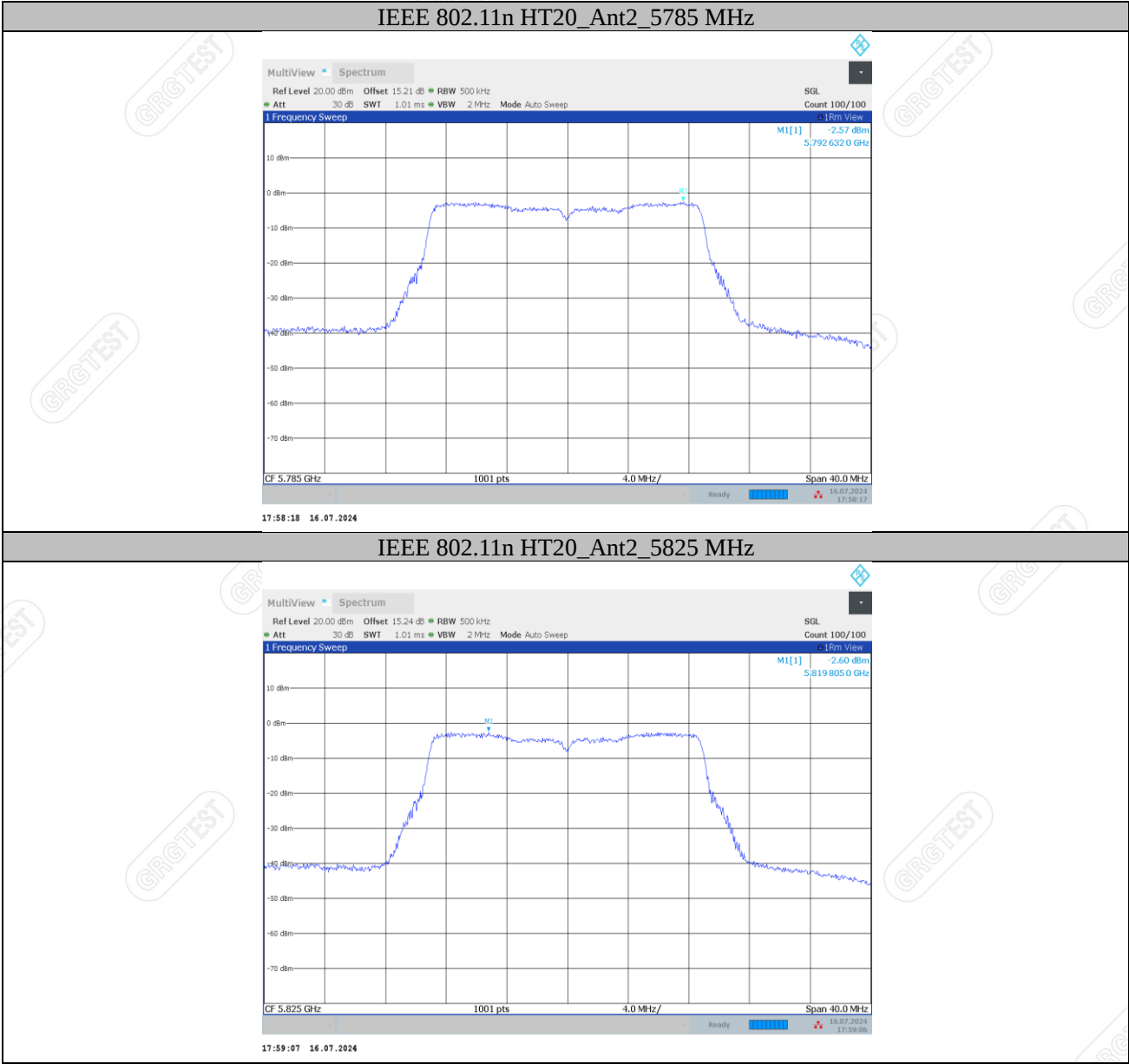


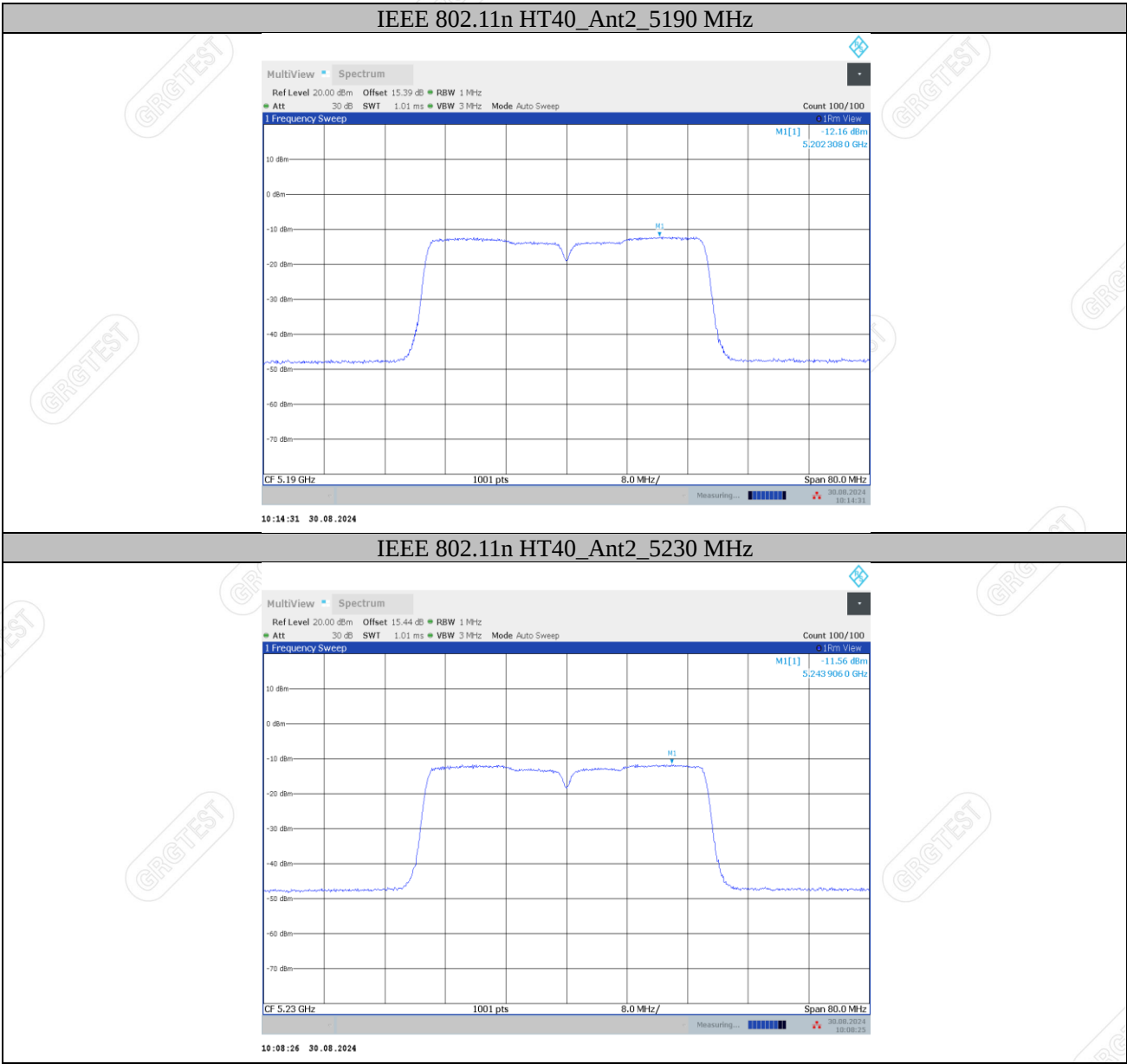


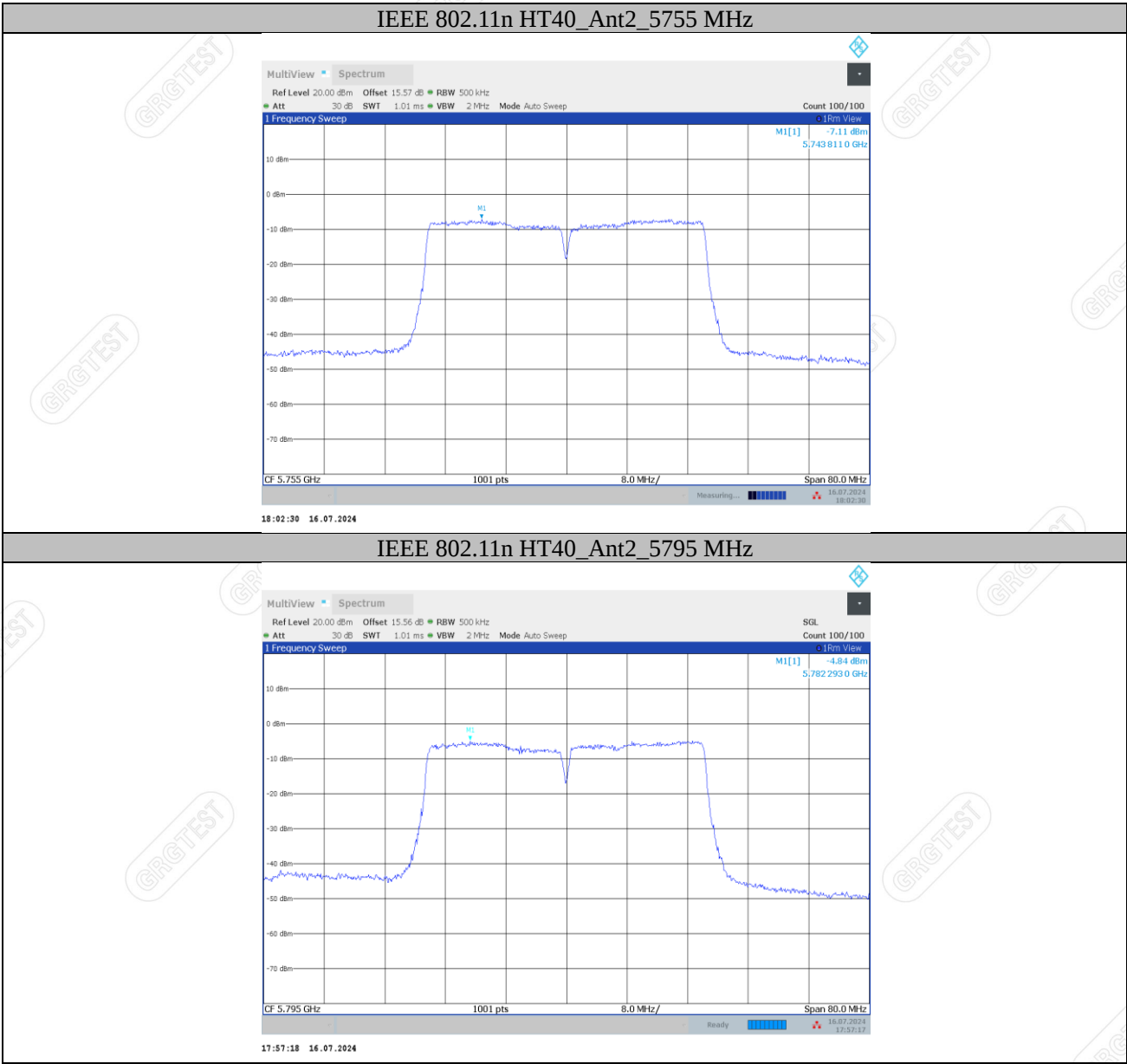


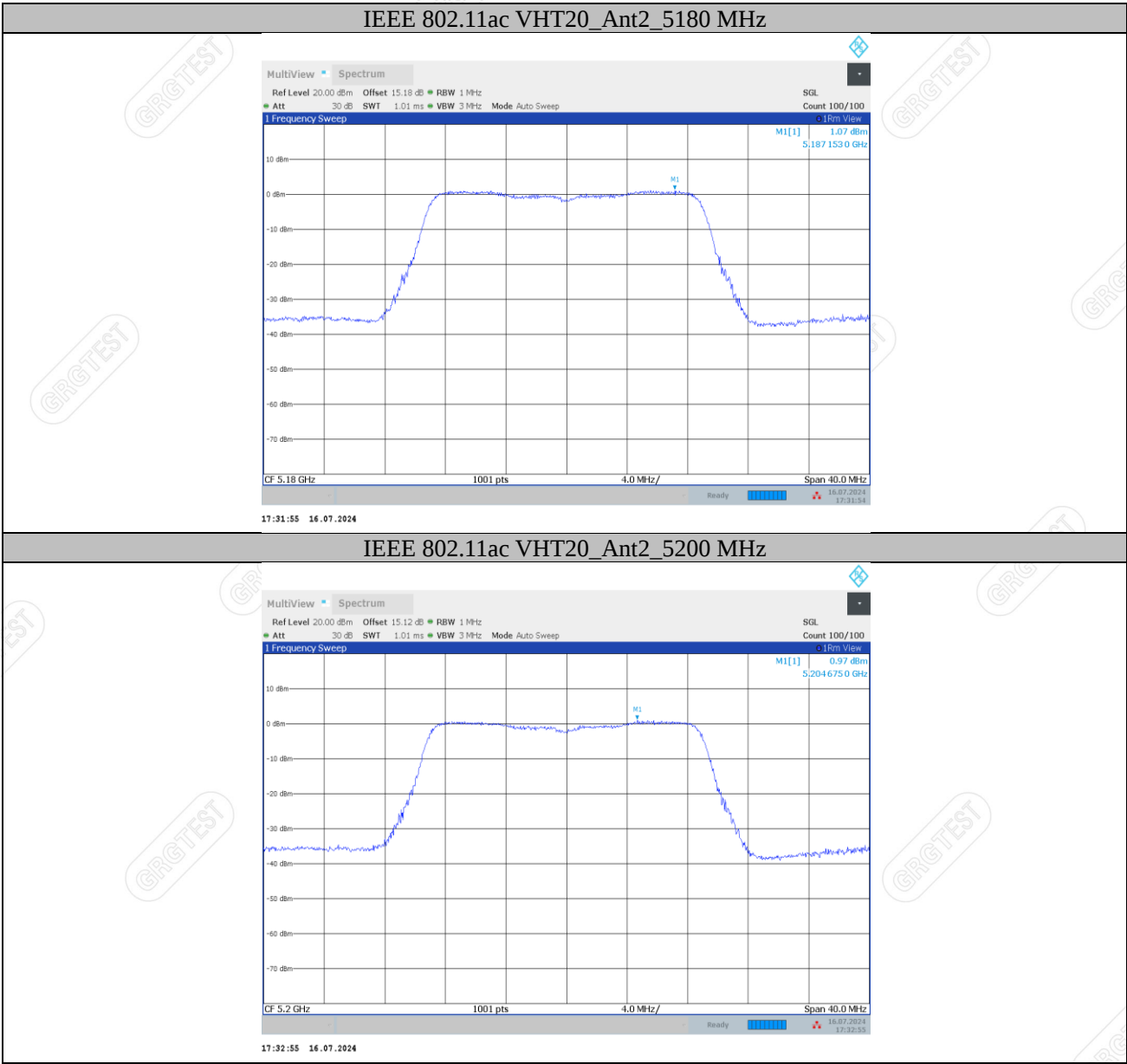


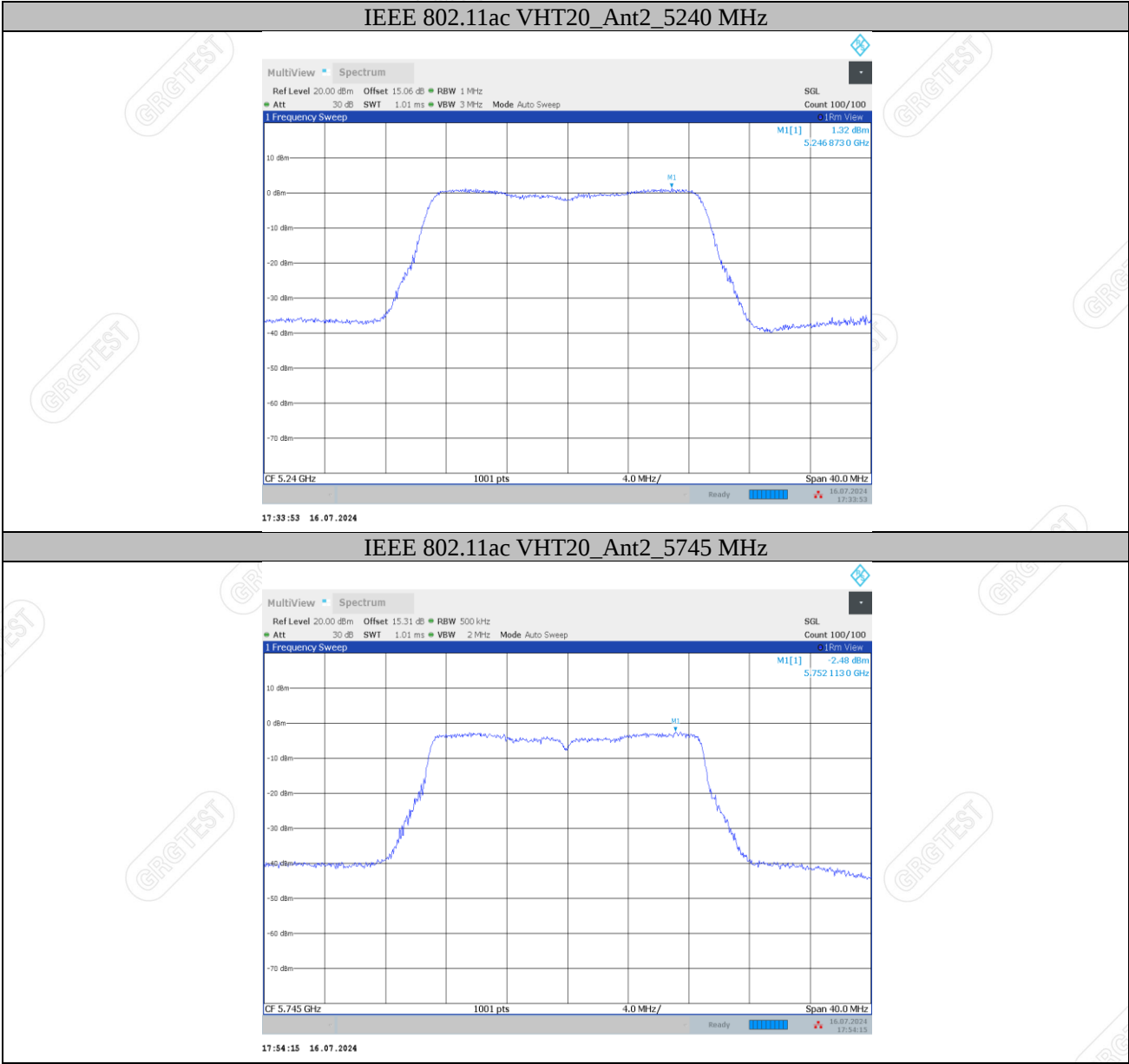


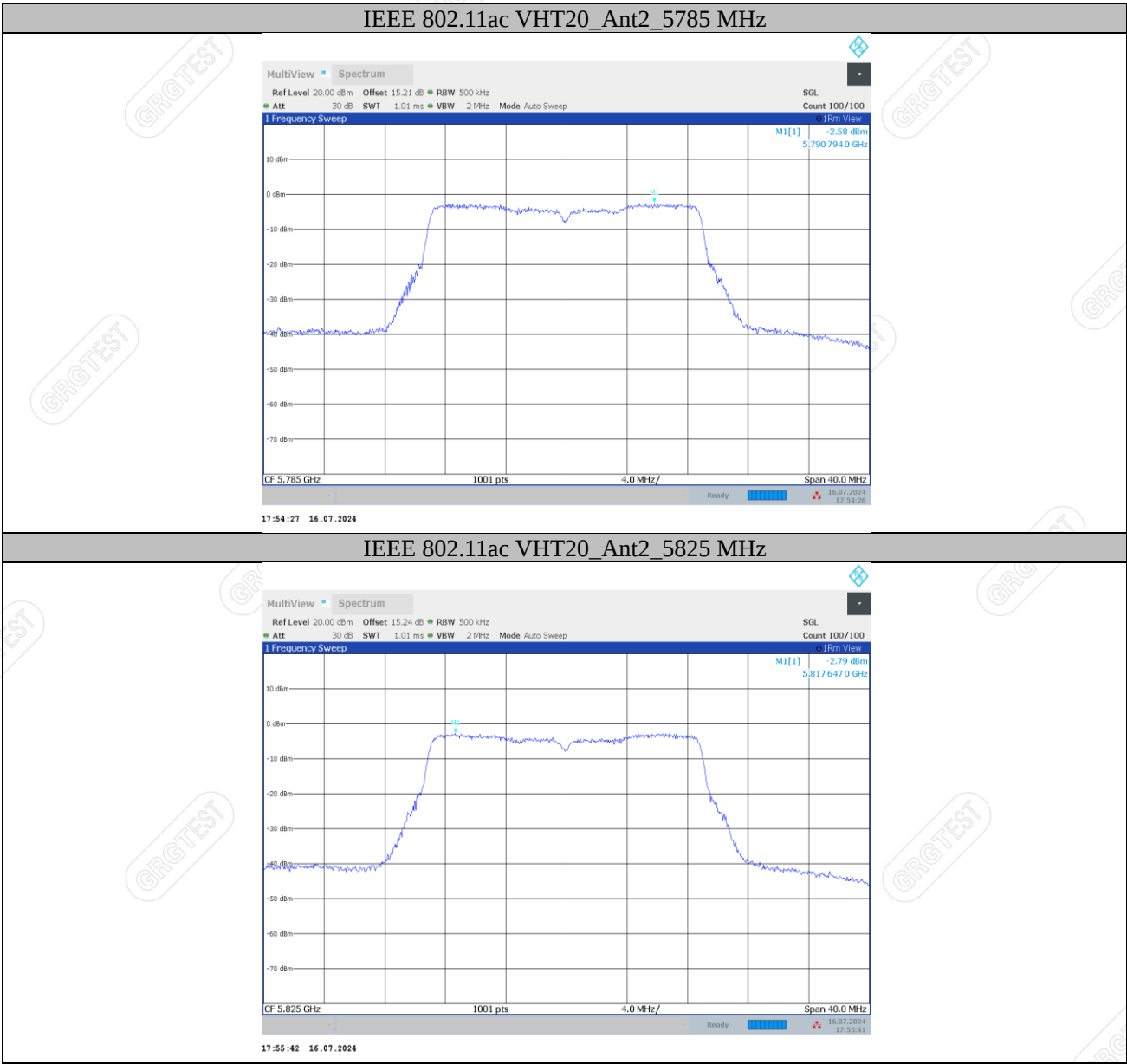


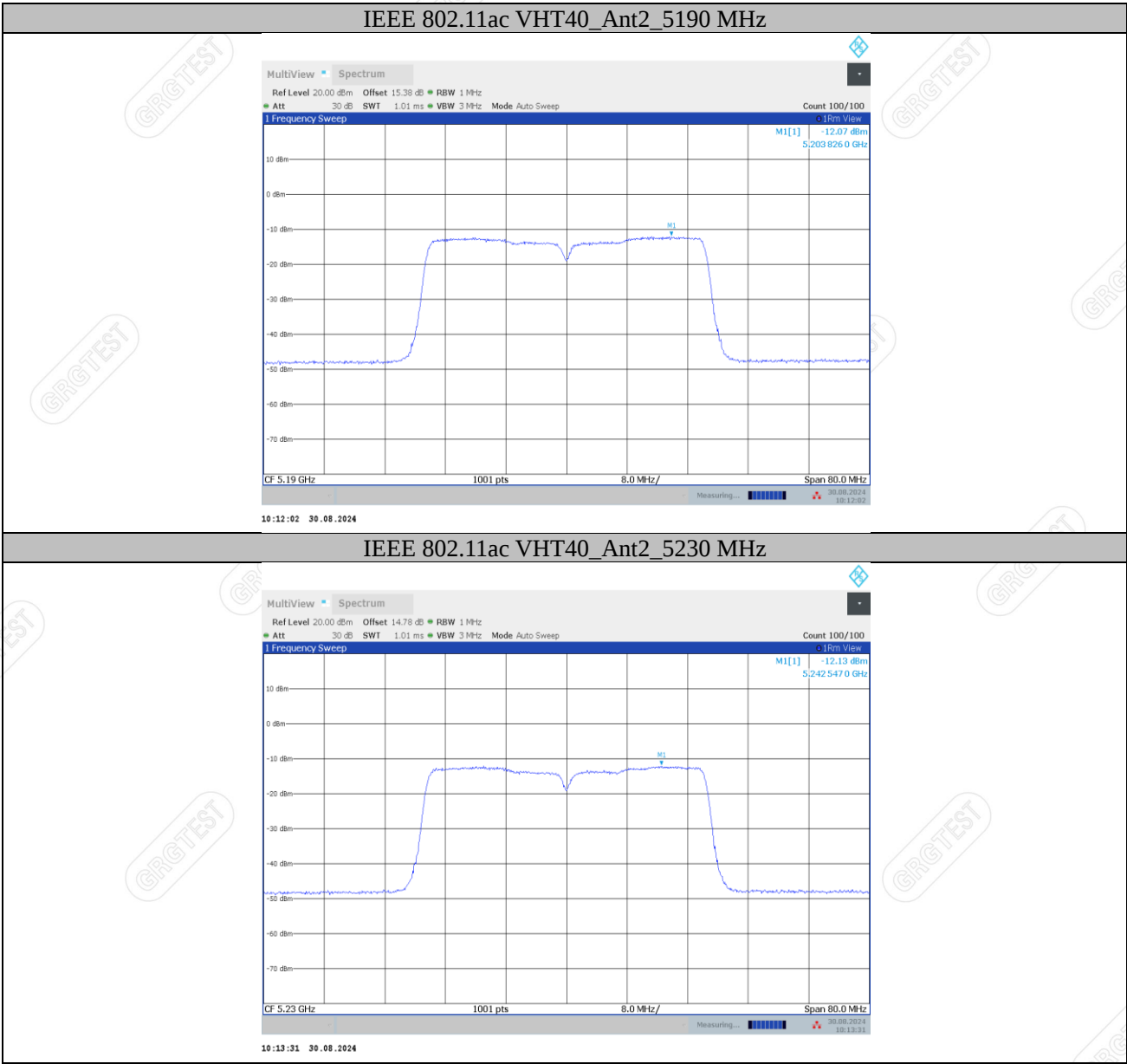


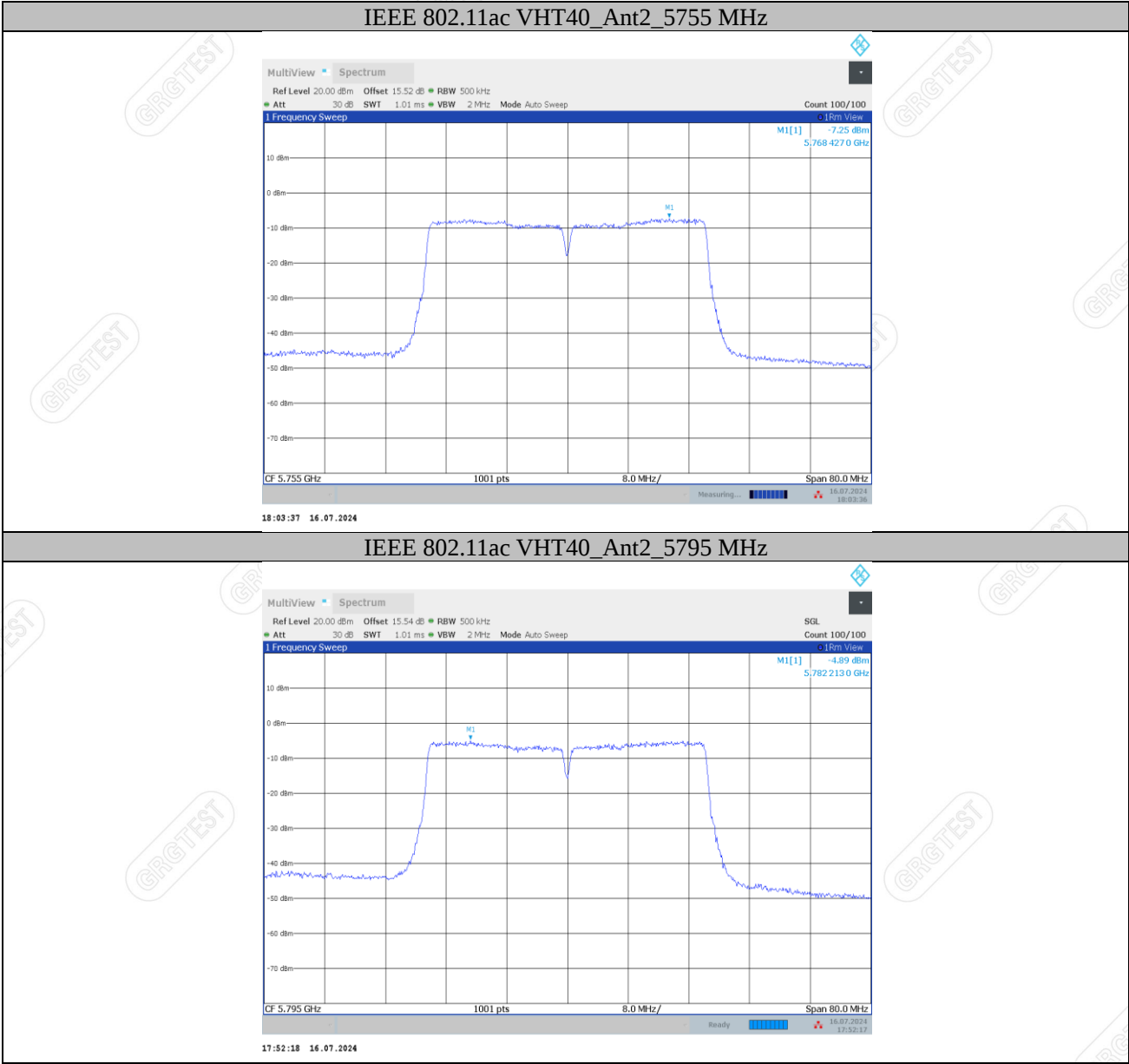


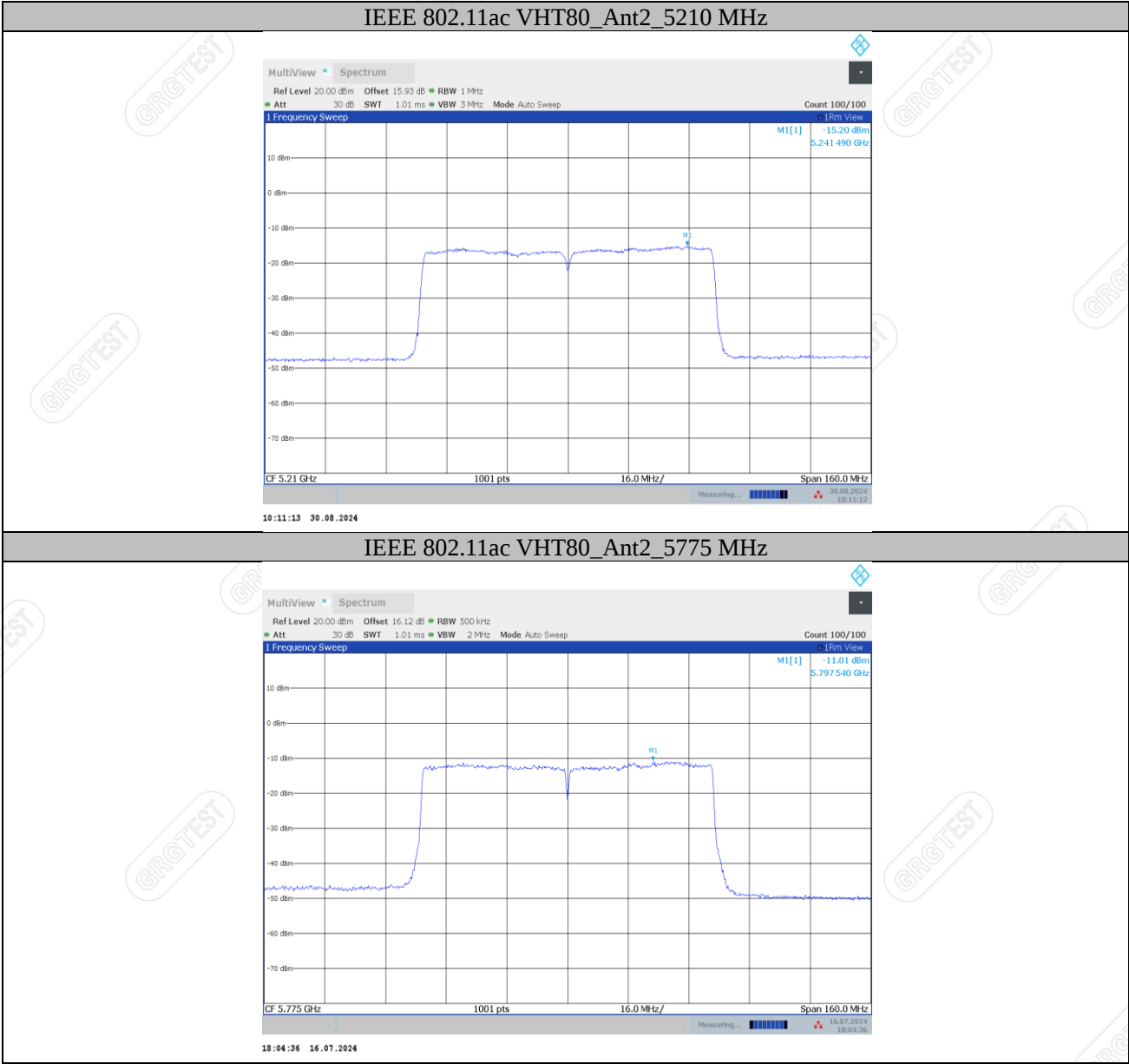












10. FREQUENCY STABILITY

10.1 LIMITS

According to §15.407(g), manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

10.2 TEST PROCEDURES

(1) Frequency stability with respect to ambient temperature

- a) Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT. If possible, a dummy load shall be connected to the EUT because an antenna near the metallic walls of an environmental test chamber could affect the output frequency of the EUT. If the EUT is equipped with a permanently attached, adjustable-length antenna, then the EUT shall be placed in the center of the chamber with the antenna adjusted to the shortest length possible. Turn ON the EUT and tune it to one of the number of frequencies shown in §ANSI C63.10-2020(5.6).
- b) Couple the unlicensed wireless device output to the measuring instrument by connecting an antenna to the measuring instrument with a suitable length of coaxial cable and placing the measuring antenna near the EUT (e.g., 15 cm away), or by connecting a dummy load to the measuring instrument, through an attenuator if necessary.

NOTE—An instrument that has an adequate level of accuracy as specified by the procuring or regulatory agency is the recommended measuring instrument.

- c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).
- d) Turn the EUT OFF and place it inside the environmental temperature chamber. For devices that have oscillator heaters, energize only the heater circuit.
- e) Set the temperature control on the chamber to the highest specified in the regulatory requirements for the type of device and allow the oscillator heater and the chamber temperature to stabilize.
- f) While maintaining a constant temperature inside the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.
- g) Measure the frequency at each of frequencies specified in §ANSI C63.10-2020(5.6).
- h) Switch OFF the EUT but do not switch OFF the oscillator heater.
- i) Lower the chamber temperature by not more than 10°C, and allow the temperature inside the chamber to stabilize.
- j) Repeat step f) through step i) down to the lowest specified temperature.

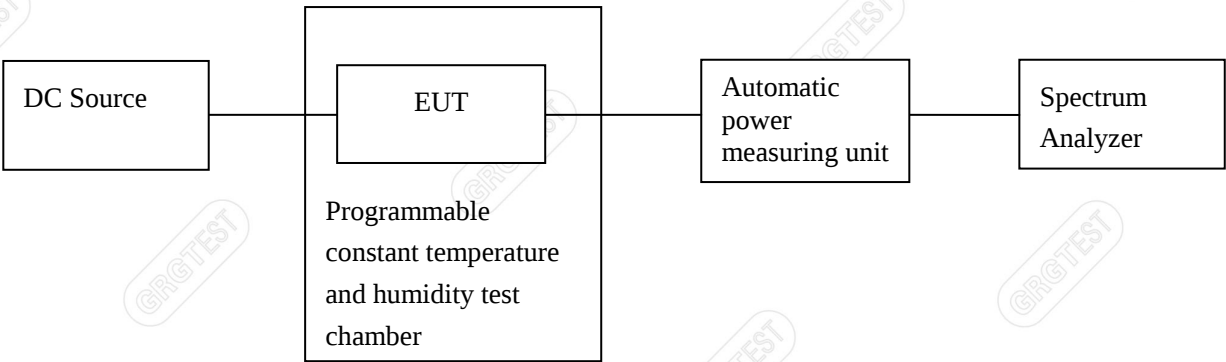
(2) Frequency stability when varying supply voltage

- a) Supply the EUT with nominal voltage or install a new or fully charged battery in the EUT. Turn ON the EUT and couple its output to a frequency counter or other frequency-measuring instrument.

NOTE—An instrument that has an adequate level of accuracy as specified by the procuring or regulatory agency is the recommended measuring instrument.

- b) Tune the EUT to one of the number of frequencies required in §ANSI C63.10-2020(5.6). Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).
- c) Measure the frequency at each of the frequencies specified in §ANSI C63.10-2020(5.6).
- d) Repeat the above procedure at 85% and 115% of the nominal supply voltage as described in §ANSI C63.10-2020(5.13).

10.3 TEST SETUP



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10.4 TEST RESULTS

Environment: 26.4°C/47%RH 101.0kPa
Tested By: Qin Tingting

Voltage:DC 12V
Date: 2024-07-19

Voltage								
Test Mode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
IEEE 802.11a	Ant2	5180	NV	NT	-69900.00	-13.494208	20	PASS
			LV	NT	-69900.00	-13.494208	20	PASS
			HV	NT	-69900.00	-13.494208	20	PASS
		5200	NV	NT	-69900.00	-13.442308	20	PASS
			LV	NT	-69900.00	-13.442308	20	PASS
			HV	NT	-70900.00	-13.634615	20	PASS
		5240	NV	NT	-70900.00	-13.530534	20	PASS
			LV	NT	-70900.00	-13.530534	20	PASS
			HV	NT	-70900.00	-13.530534	20	PASS
		5745	NV	NT	-72900.00	-12.689295	20	PASS
			LV	NT	-76900.00	-13.385553	20	PASS
			HV	NT	-76900.00	-13.385553	20	PASS
		5785	NV	NT	-77900.00	-13.465860	20	PASS
			LV	NT	-77900.00	-13.465860	20	PASS
			HV	NT	-76900.00	-13.292999	20	PASS
		5825	NV	NT	-77900.00	-13.373391	20	PASS
			LV	NT	-77900.00	-13.373391	20	PASS
			HV	NT	-77900.00	-13.373391	20	PASS
IEEE 802.11n HT20	Ant2	5180	NV	NT	-69900.00	-13.494208	20	PASS
			LV	NT	-69900.00	-13.494208	20	PASS
			HV	NT	-69900.00	-13.494208	20	PASS
		5200	NV	NT	-69900.00	-13.442308	20	PASS
			LV	NT	-70900.00	-13.634615	20	PASS
			HV	NT	-69900.00	-13.442308	20	PASS
		5240	NV	NT	-70900.00	-13.530534	20	PASS
			LV	NT	-70900.00	-13.530534	20	PASS
			HV	NT	-70900.00	-13.530534	20	PASS
		5745	NV	NT	-77900.00	-13.559617	20	PASS
			LV	NT	-77900.00	-13.559617	20	PASS
			HV	NT	-77900.00	-13.559617	20	PASS
		5785	NV	NT	-77900.00	-13.465860	20	PASS
			LV	NT	-77900.00	-13.465860	20	PASS
			HV	NT	-77900.00	-13.465860	20	PASS
		5825	NV	NT	-77900.00	-13.373391	20	PASS
			LV	NT	-77900.00	-13.373391	20	PASS
			HV	NT	-77900.00	-13.373391	20	PASS
IEEE 802.11n HT40	Ant2	5190	NV	NT	-75900.00	-14.624277	20	PASS
			LV	NT	-77900.00	-15.009634	20	PASS
			HV	NT	-77900.00	-15.009634	20	PASS
		5230	NV	NT	-72900.00	-13.938815	20	PASS
			LV	NT	-75900.00	-14.512428	20	PASS
			HV	NT	-75900.00	-14.512428	20	PASS

IEEE 802.11ac VHT20	Ant2	5755	NV	NT	-79900.00	-13.883579	20	PASS
			LV	NT	-82900.00	-14.404865	20	PASS
			HV	NT	-82900.00	-14.404865	20	PASS
		5795	NV	NT	-81900.00	-14.132873	20	PASS
			LV	NT	-81900.00	-14.132873	20	PASS
			HV	NT	-81900.00	-14.132873	20	PASS
		5180	NV	NT	-70900.00	-13.687259	20	PASS
			LV	NT	-70900.00	-13.687259	20	PASS
			HV	NT	-70900.00	-13.687259	20	PASS
IEEE 802.11ac VH40	Ant2	5200	NV	NT	-70900.00	-13.634615	20	PASS
			LV	NT	-70900.00	-13.634615	20	PASS
			HV	NT	-69900.00	-13.442308	20	PASS
		5240	NV	NT	-70900.00	-13.530534	20	PASS
			LV	NT	-70900.00	-13.530534	20	PASS
			HV	NT	-70900.00	-13.530534	20	PASS
		5745	NV	NT	-77900.00	-13.559617	20	PASS
			LV	NT	-77900.00	-13.559617	20	PASS
			HV	NT	-76900.00	-13.385553	20	PASS
		5785	NV	NT	-77900.00	-13.465860	20	PASS
			LV	NT	-77900.00	-13.465860	20	PASS
			HV	NT	-77900.00	-13.465860	20	PASS
		5825	NV	NT	-78900.00	-13.545064	20	PASS
			LV	NT	-78900.00	-13.545064	20	PASS
			HV	NT	-78900.00	-13.545064	20	PASS
		5190	NV	NT	-77900.00	-15.009634	20	PASS
			LV	NT	-77900.00	-15.009634	20	PASS
			HV	NT	-77900.00	-15.009634	20	PASS
		5230	NV	NT	-76900.00	-14.703633	20	PASS
			LV	NT	-76900.00	-14.703633	20	PASS
			HV	NT	-76900.00	-14.703633	20	PASS
IEEE 802.11ac VHT80	Ant2	5755	NV	NT	-82900.00	-14.404865	20	PASS
			LV	NT	-82900.00	-14.404865	20	PASS
			HV	NT	-82900.00	-14.404865	20	PASS
		5795	NV	NT	-81900.00	-14.132873	20	PASS
			LV	NT	-81900.00	-14.132873	20	PASS
			HV	NT	-81900.00	-14.132873	20	PASS
		5210	NV	NT	-72900.00	-13.992322	20	PASS
			LV	NT	-72900.00	-13.992322	20	PASS
			HV	NT	-72900.00	-13.992322	20	PASS
		5775	NV	NT	-79900.00	-13.835498	20	PASS
			LV	NT	-80900.00	-14.008658	20	PASS
			HV	NT	-80900.00	-14.008658	20	PASS

Temperature								
Test Mode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
IEEE 802.11a	Ant2	5180	NV	-30	-69900.00	-13.494208	20	PASS
			NV	-20	-69900.00	-13.494208	20	PASS
			NV	-10	-69900.00	-13.494208	20	PASS
			NV	0	-69900.00	-13.494208	20	PASS
			NV	10	-69900.00	-13.494208	20	PASS
			NV	20	-69900.00	-13.494208	20	PASS
			NV	30	-69900.00	-13.494208	20	PASS
			NV	40	-69900.00	-13.494208	20	PASS
			NV	50	-69900.00	-13.494208	20	PASS
		5200	NV	-30	-69900.00	-13.442308	20	PASS
			NV	-20	-69900.00	-13.442308	20	PASS
			NV	-10	-69900.00	-13.442308	20	PASS
			NV	0	-70900.00	-13.634615	20	PASS
			NV	10	-70900.00	-13.634615	20	PASS
			NV	20	-69900.00	-13.442308	20	PASS
			NV	30	-70900.00	-13.634615	20	PASS
			NV	40	-70900.00	-13.634615	20	PASS
			NV	50	-69900.00	-13.442308	20	PASS
		5240	NV	-30	-70900.00	-13.530534	20	PASS
			NV	-20	-70900.00	-13.530534	20	PASS
			NV	-10	-70900.00	-13.530534	20	PASS
			NV	0	-70900.00	-13.530534	20	PASS
			NV	10	-70900.00	-13.530534	20	PASS
			NV	20	-70900.00	-13.530534	20	PASS
			NV	30	-70900.00	-13.530534	20	PASS
			NV	40	-70900.00	-13.530534	20	PASS
			NV	50	-70900.00	-13.530534	20	PASS
		5745	NV	-30	-76900.00	-13.385553	20	PASS
			NV	-20	-76900.00	-13.385553	20	PASS
			NV	-10	-76900.00	-13.385553	20	PASS
			NV	0	-76900.00	-13.385553	20	PASS
			NV	10	-76900.00	-13.385553	20	PASS
			NV	20	-76900.00	-13.385553	20	PASS
			NV	30	-76900.00	-13.385553	20	PASS
			NV	40	-76900.00	-13.385553	20	PASS
			NV	50	-76900.00	-13.385553	20	PASS
		5785	NV	-30	-76900.00	-13.292999	20	PASS
			NV	-20	-77900.00	-13.465860	20	PASS
			NV	-10	-77900.00	-13.465860	20	PASS
			NV	0	-77900.00	-13.465860	20	PASS
			NV	10	-77900.00	-13.465860	20	PASS
			NV	20	-77900.00	-13.465860	20	PASS
			NV	30	-77900.00	-13.465860	20	PASS
			NV	40	-77900.00	-13.465860	20	PASS
			NV	50	-77900.00	-13.465860	20	PASS
		5825	NV	-30	-77900.00	-13.373391	20	PASS
			NV	-20	-77900.00	-13.373391	20	PASS
			NV	-10	-77900.00	-13.373391	20	PASS
			NV	0	-77900.00	-13.373391	20	PASS

IEEE 802.11n HT20	Ant2		NV	10	-77900.00	-13.373391	20	PASS
			NV	20	-77900.00	-13.373391	20	PASS
			NV	30	-77900.00	-13.373391	20	PASS
			NV	40	-77900.00	-13.373391	20	PASS
			NV	50	-77900.00	-13.373391	20	PASS
		5180	NV	-30	-70900.00	-13.687259	20	PASS
			NV	-20	-70900.00	-13.687259	20	PASS
			NV	-10	-70900.00	-13.687259	20	PASS
			NV	0	-70900.00	-13.687259	20	PASS
			NV	10	-70900.00	-13.687259	20	PASS
			NV	20	-70900.00	-13.687259	20	PASS
			NV	30	-70900.00	-13.687259	20	PASS
			NV	40	-70900.00	-13.687259	20	PASS
			NV	50	-70900.00	-13.687259	20	PASS
		5200	NV	-30	-69900.00	-13.442308	20	PASS
			NV	-20	-69900.00	-13.442308	20	PASS
			NV	-10	-69900.00	-13.442308	20	PASS
			NV	0	-69900.00	-13.442308	20	PASS
			NV	10	-69900.00	-13.442308	20	PASS
			NV	20	-69900.00	-13.442308	20	PASS
			NV	30	-70900.00	-13.634615	20	PASS
			NV	40	-69900.00	-13.442308	20	PASS
			NV	50	-69900.00	-13.442308	20	PASS
		5240	NV	-30	-70900.00	-13.530534	20	PASS
			NV	-20	-70900.00	-13.530534	20	PASS
			NV	-10	-70900.00	-13.530534	20	PASS
			NV	0	-70900.00	-13.530534	20	PASS
			NV	10	-70900.00	-13.530534	20	PASS
			NV	20	-70900.00	-13.530534	20	PASS
			NV	30	-70900.00	-13.530534	20	PASS
			NV	40	-70900.00	-13.530534	20	PASS
			NV	50	-70900.00	-13.530534	20	PASS
		5745	NV	-30	-77900.00	-13.559617	20	PASS
			NV	-20	-77900.00	-13.559617	20	PASS
			NV	-10	-77900.00	-13.559617	20	PASS
			NV	0	-77900.00	-13.559617	20	PASS
			NV	10	-76900.00	-13.385553	20	PASS
			NV	20	-77900.00	-13.559617	20	PASS
			NV	30	-76900.00	-13.385553	20	PASS
			NV	40	-76900.00	-13.385553	20	PASS
			NV	50	-77900.00	-13.559617	20	PASS
		5785	NV	-30	-76900.00	-13.292999	20	PASS
			NV	-20	-77900.00	-13.465860	20	PASS
			NV	-10	-77900.00	-13.465860	20	PASS
			NV	0	-77900.00	-13.465860	20	PASS
			NV	10	-77900.00	-13.465860	20	PASS
			NV	20	-77900.00	-13.465860	20	PASS
			NV	30	-77900.00	-13.465860	20	PASS
			NV	40	-77900.00	-13.465860	20	PASS
			NV	50	-77900.00	-13.465860	20	PASS
		5825	NV	-30	-77900.00	-13.373391	20	PASS
			NV	-20	-77900.00	-13.373391	20	PASS
			NV	-10	-77900.00	-13.373391	20	PASS
			NV	0	-77900.00	-13.373391	20	PASS

			NV	10	-78900.00	-13.545064	20	PASS
			NV	20	-77900.00	-13.373391	20	PASS
			NV	30	-77900.00	-13.373391	20	PASS
			NV	40	-78900.00	-13.545064	20	PASS
			NV	50	-78900.00	-13.545064	20	PASS
IEEE 802.11n HT40	Ant2	5190	NV	-30	-77900.00	-15.009634	20	PASS
			NV	-20	-77900.00	-15.009634	20	PASS
			NV	-10	-77900.00	-15.009634	20	PASS
			NV	0	-77900.00	-15.009634	20	PASS
			NV	10	-77900.00	-15.009634	20	PASS
			NV	20	-77900.00	-15.009634	20	PASS
			NV	30	-77900.00	-15.009634	20	PASS
			NV	40	-77900.00	-15.009634	20	PASS
			NV	50	-77900.00	-15.009634	20	PASS
			5230	NV	-30	-76900.00	-14.703633	20
		NV		-20	-76900.00	-14.703633	20	PASS
		NV		-10	-76900.00	-14.703633	20	PASS
		NV		0	-76900.00	-14.703633	20	PASS
		NV		10	-76900.00	-14.703633	20	PASS
		NV		20	-76900.00	-14.703633	20	PASS
		NV		30	-76900.00	-14.703633	20	PASS
		NV		40	-76900.00	-14.703633	20	PASS
		NV		50	-76900.00	-14.703633	20	PASS
		5755		NV	-30	-82900.00	-14.404865	20
			NV	-20	-82900.00	-14.404865	20	PASS
			NV	-10	-82900.00	-14.404865	20	PASS
			NV	0	-82900.00	-14.404865	20	PASS
			NV	10	-82900.00	-14.404865	20	PASS
			NV	20	-82900.00	-14.404865	20	PASS
			NV	30	-82900.00	-14.404865	20	PASS
			NV	40	-82900.00	-14.404865	20	PASS
			NV	50	-82900.00	-14.404865	20	PASS
			5795	NV	-30	-81900.00	-14.132873	20
		NV		-20	-81900.00	-14.132873	20	PASS
		NV		-10	-81900.00	-14.132873	20	PASS
NV	0	-81900.00		-14.132873	20	PASS		
NV	10	-81900.00		-14.132873	20	PASS		
NV	20	-81900.00		-14.132873	20	PASS		
NV	30	-81900.00		-14.132873	20	PASS		
NV	40	-81900.00		-14.132873	20	PASS		
NV	50	-81900.00		-14.132873	20	PASS		
IEEE 802.11ac VHT20	Ant2	5180		NV	-30	-69900.00	-13.494208	20
			NV	-20	-70900.00	-13.687259	20	PASS
			NV	-10	-70900.00	-13.687259	20	PASS
			NV	0	-70900.00	-13.687259	20	PASS
			NV	10	-70900.00	-13.687259	20	PASS
			NV	20	-70900.00	-13.687259	20	PASS
			NV	30	-70900.00	-13.687259	20	PASS
			NV	40	-70900.00	-13.687259	20	PASS
		5200	NV	50	-70900.00	-13.687259	20	PASS
			NV	-30	-70900.00	-13.634615	20	PASS
			NV	-20	-70900.00	-13.634615	20	PASS
			NV	-10	-70900.00	-13.634615	20	PASS
			NV	0	-69900.00	-13.442308	20	PASS

			NV	10	-70900.00	-13.634615	20	PASS
			NV	20	-70900.00	-13.634615	20	PASS
			NV	30	-69900.00	-13.442308	20	PASS
			NV	40	-69900.00	-13.442308	20	PASS
			NV	50	-69900.00	-13.442308	20	PASS
		5240	NV	-30	-70900.00	-13.530534	20	PASS
			NV	-20	-70900.00	-13.530534	20	PASS
			NV	-10	-70900.00	-13.530534	20	PASS
			NV	0	-70900.00	-13.530534	20	PASS
			NV	10	-70900.00	-13.530534	20	PASS
			NV	20	-70900.00	-13.530534	20	PASS
			NV	30	-70900.00	-13.530534	20	PASS
			NV	40	-70900.00	-13.530534	20	PASS
			NV	50	-70900.00	-13.530534	20	PASS
		5745	NV	-30	-77900.00	-13.559617	20	PASS
			NV	-20	-76900.00	-13.385553	20	PASS
			NV	-10	-77900.00	-13.559617	20	PASS
			NV	0	-76900.00	-13.385553	20	PASS
			NV	10	-77900.00	-13.559617	20	PASS
			NV	20	-76900.00	-13.385553	20	PASS
			NV	30	-76900.00	-13.385553	20	PASS
			NV	40	-77900.00	-13.559617	20	PASS
		5785	NV	50	-76900.00	-13.385553	20	PASS
			NV	-30	-77900.00	-13.465860	20	PASS
			NV	-20	-77900.00	-13.465860	20	PASS
			NV	-10	-77900.00	-13.465860	20	PASS
			NV	0	-77900.00	-13.465860	20	PASS
			NV	10	-77900.00	-13.465860	20	PASS
			NV	20	-77900.00	-13.465860	20	PASS
			NV	30	-77900.00	-13.465860	20	PASS
		5825	NV	40	-77900.00	-13.465860	20	PASS
			NV	50	-77900.00	-13.465860	20	PASS
			NV	-30	-78900.00	-13.545064	20	PASS
			NV	-20	-78900.00	-13.545064	20	PASS
			NV	-10	-78900.00	-13.545064	20	PASS
			NV	0	-78900.00	-13.545064	20	PASS
			NV	10	-78900.00	-13.545064	20	PASS
			NV	20	-78900.00	-13.545064	20	PASS
IEEE 802.11ac VHT40	Ant2	5190	NV	30	-78900.00	-13.545064	20	PASS
			NV	40	-78900.00	-13.545064	20	PASS
			NV	50	-78900.00	-13.545064	20	PASS
			NV	-30	-77900.00	-15.009634	20	PASS
			NV	-20	-77900.00	-15.009634	20	PASS
			NV	-10	-77900.00	-15.009634	20	PASS
			NV	0	-77900.00	-15.009634	20	PASS
			NV	10	-77900.00	-15.009634	20	PASS
		5230	NV	20	-77900.00	-15.009634	20	PASS
			NV	30	-77900.00	-15.009634	20	PASS
			NV	40	-77900.00	-15.009634	20	PASS
			NV	50	-77900.00	-15.009634	20	PASS

IEEE 802.11ac VHT80	Ant2		NV	10	-76900.00	-14.703633	20	PASS
			NV	20	-76900.00	-14.703633	20	PASS
			NV	30	-76900.00	-14.703633	20	PASS
			NV	40	-75900.00	-14.512428	20	PASS
			NV	50	-75900.00	-14.512428	20	PASS
		5755	NV	-30	-82900.00	-14.404865	20	PASS
			NV	-20	-82900.00	-14.404865	20	PASS
			NV	-10	-82900.00	-14.404865	20	PASS
			NV	0	-82900.00	-14.404865	20	PASS
			NV	10	-82900.00	-14.404865	20	PASS
			NV	20	-82900.00	-14.404865	20	PASS
			NV	30	-82900.00	-14.404865	20	PASS
			NV	40	-82900.00	-14.404865	20	PASS
			NV	50	-82900.00	-14.404865	20	PASS
		5795	NV	-30	-81900.00	-14.132873	20	PASS
			NV	-20	-81900.00	-14.132873	20	PASS
			NV	-10	-81900.00	-14.132873	20	PASS
			NV	0	-81900.00	-14.132873	20	PASS
			NV	10	-81900.00	-14.132873	20	PASS
			NV	20	-81900.00	-14.132873	20	PASS
			NV	30	-81900.00	-14.132873	20	PASS
			NV	40	-81900.00	-14.132873	20	PASS
			NV	50	-81900.00	-14.132873	20	PASS
IEEE 802.11ac VHT80	Ant2	5210	NV	-30	-72900.00	-13.992322	20	PASS
			NV	-20	-72900.00	-13.992322	20	PASS
			NV	-10	-72900.00	-13.992322	20	PASS
			NV	0	-72900.00	-13.992322	20	PASS
			NV	10	-72900.00	-13.992322	20	PASS
			NV	20	-72900.00	-13.992322	20	PASS
			NV	30	-72900.00	-13.992322	20	PASS
			NV	40	-72900.00	-13.992322	20	PASS
			NV	50	-72900.00	-13.992322	20	PASS
		5775	NV	-30	-80900.00	-14.008658	20	PASS
			NV	-20	-80900.00	-14.008658	20	PASS
			NV	-10	-80900.00	-14.008658	20	PASS
			NV	0	-80900.00	-14.008658	20	PASS
			NV	10	-80900.00	-14.008658	20	PASS
			NV	20	-80900.00	-14.008658	20	PASS
			NV	30	-80900.00	-14.008658	20	PASS
			NV	40	-80900.00	-14.008658	20	PASS
			NV	50	-80900.00	-14.008658	20	PASS

Note: 1.This report records the worst case of temperature change test observation time 0/2/5/10min .

2.Test Voltage-NV:DC 12V, Test Voltage-LV:DC 10.2V, Test Voltage-HV:DC 13.8V.

3.Temperature Range:-30℃~50℃, Temperature-NT: 26.4℃.

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Please refer to the attached document E202407050641-Test Photo.

APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E202407050641-EUT photo.

----- End of Report -----