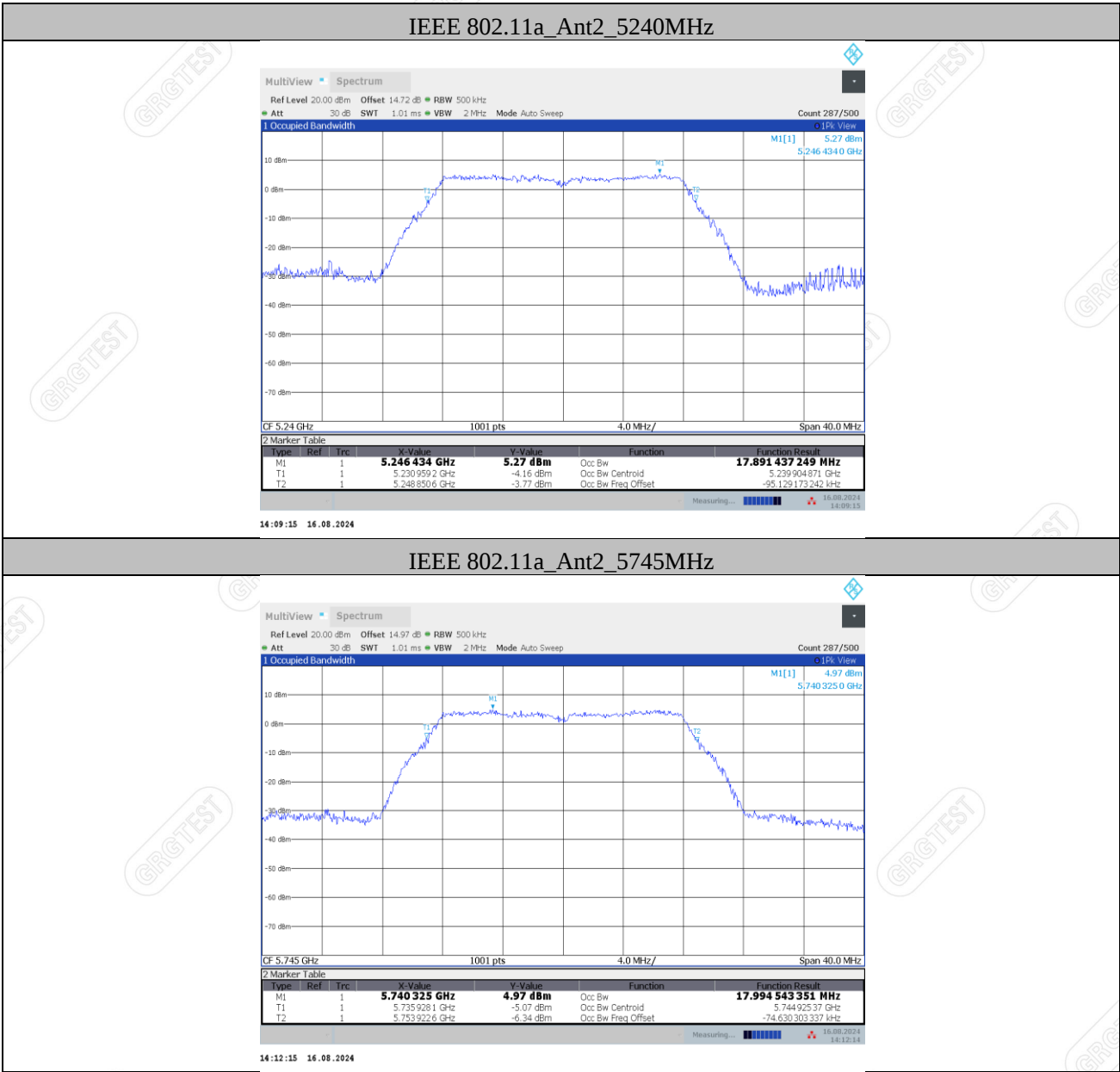
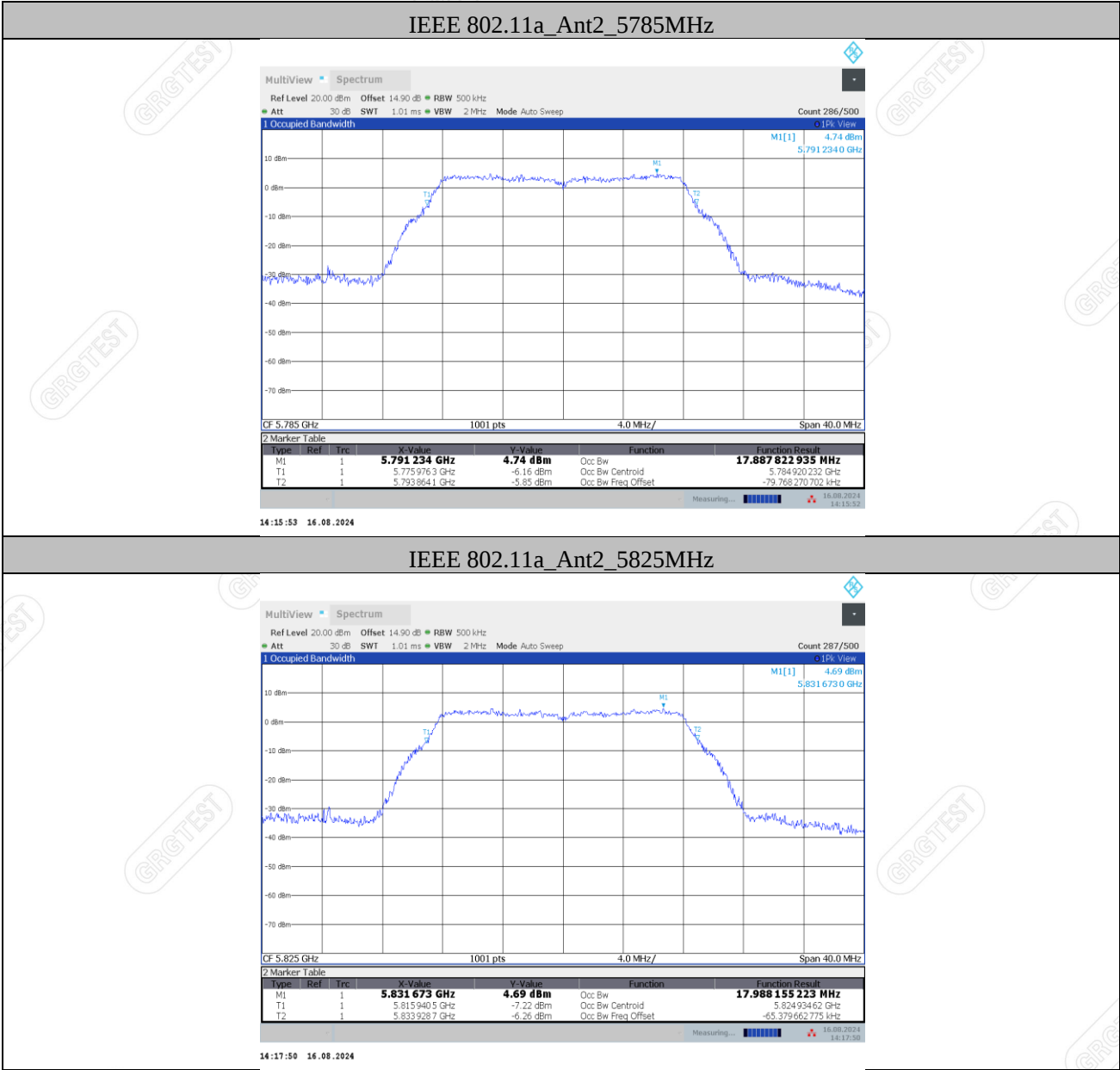
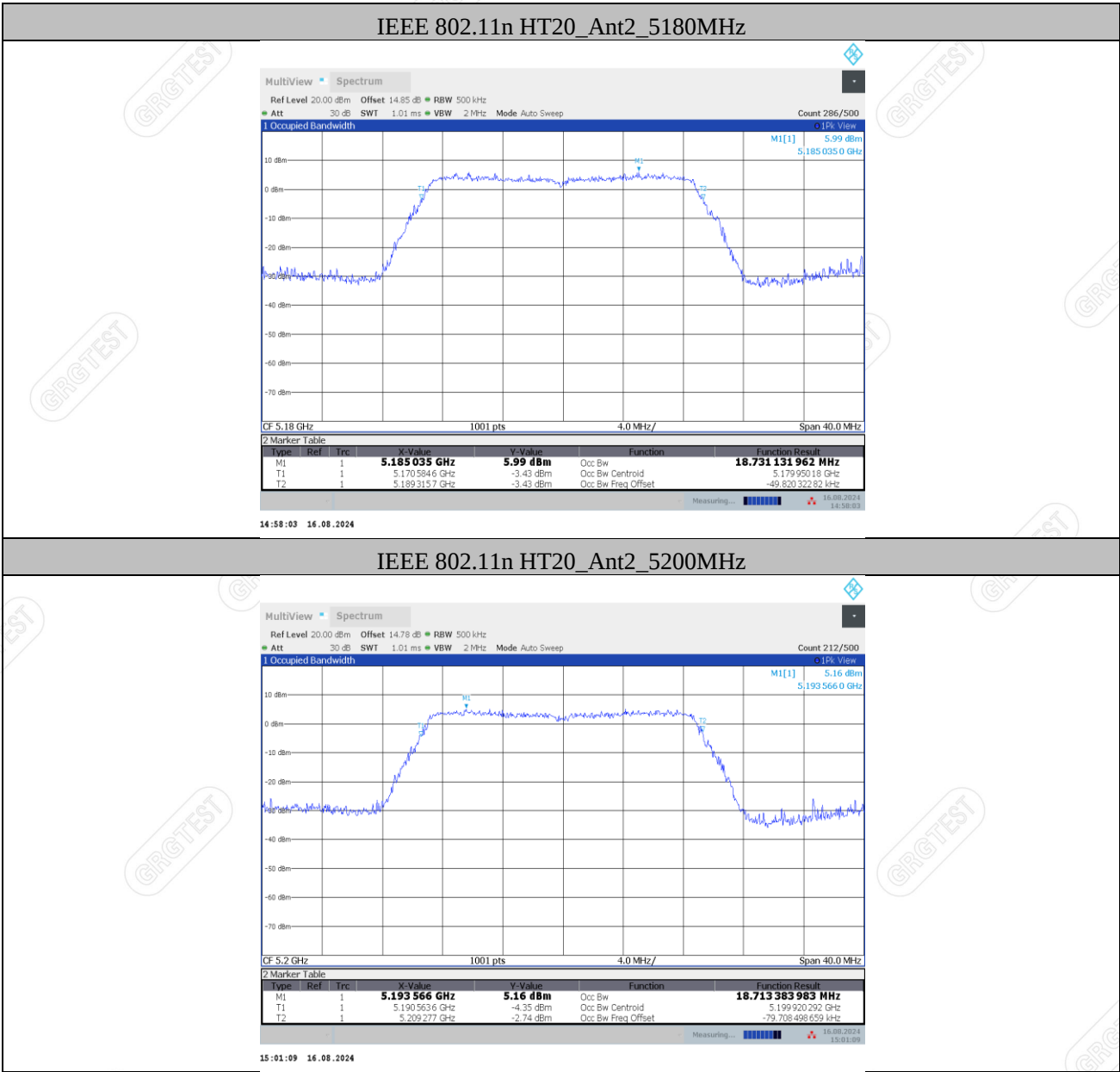








IEEE 802.11n HT20_Ant2_5200MHz

MultView Spectrum

Ref Level 20.00 dBm Offset 14.78 dB RBW 500 kHz
Att 30 dB SWI 1.01 ms VBW 2 MHz Mode Auto Sweep Count 212/500

1 Occupied Bandwidth

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 5.2 GHz

1001 pts

4.0 MHz/

Span 40.0 MHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.193566 GHz	5.16 dBm		18.713383983 MHz
T1	1		5.1905636 GHz	-4.35 dBm	Occ Bw	5.199920292 GHz
T2	1		5.209277 GHz	-2.74 dBm	Occ Bw Freq Offset	-79.708498659 kHz

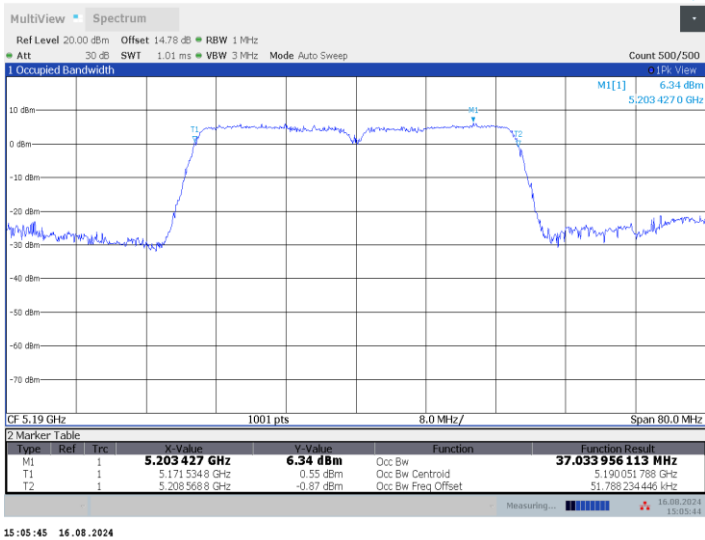
Measuring...

15:01:09 16.08.2024

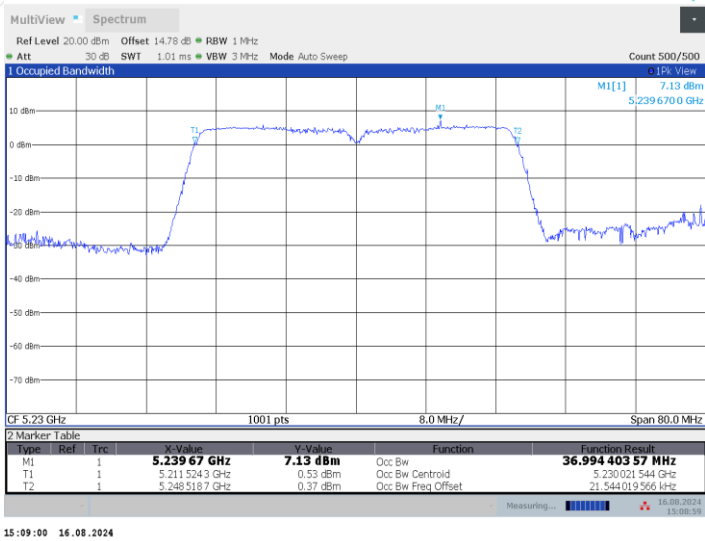




IEEE 802.11n HT40_Ant2_5190MHz



IEEE 802.11n HT40_Ant2_5230MHz







IEEE 802.11ac VHT20_Ant2_5200MHz

MultView Spectrum

Ref Level 20.00 dBm Offset 14.78 dB RBW 500 kHz

Att 30 dB SWI 1.01 ms VBW 2 MHz Mode Auto Sweep

Count 212/500

1 Occupied Bandwidth

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 5.2 GHz

1001 pts

4.0 MHz/

Span 40.0 MHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.206793 GHz	5.80 dBm	Occ Bw	18.709562741 MHz
T1	1		5.1906009 GHz	-3.40 dBm	Occ Bw Centroid	5.199955707 GHz
T2	1		5.2093105 GHz	-2.43 dBm	Occ Bw Freq Offset	-44.293014377 kHz

Measuring...

15.08.2024 15:13:22

15:15:23 16.08.2024





IEEE 802.11ac VHT20_Ant2_5825MHz

MultView 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 Count 286/500

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/

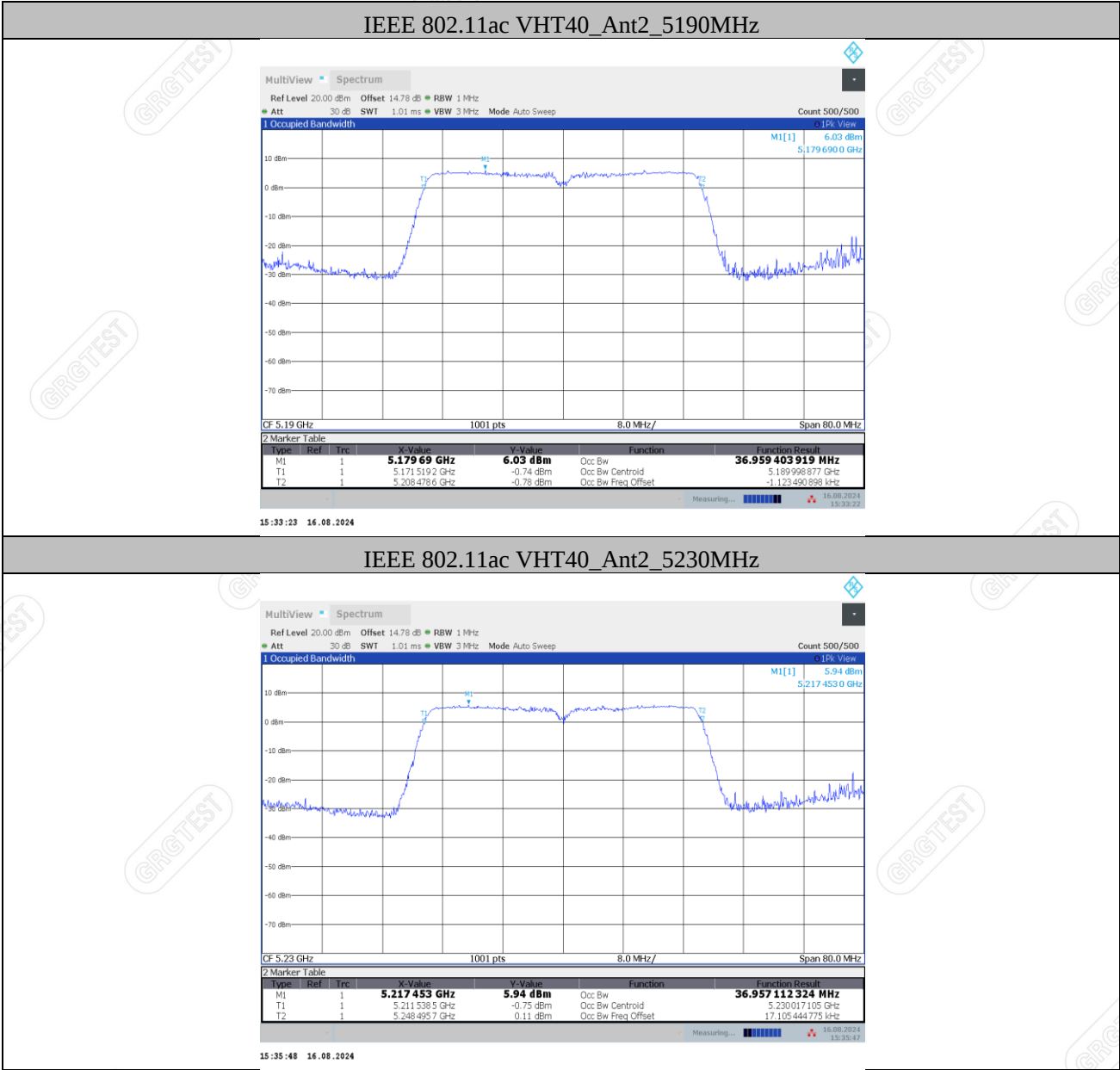
Span 40.0 MHz

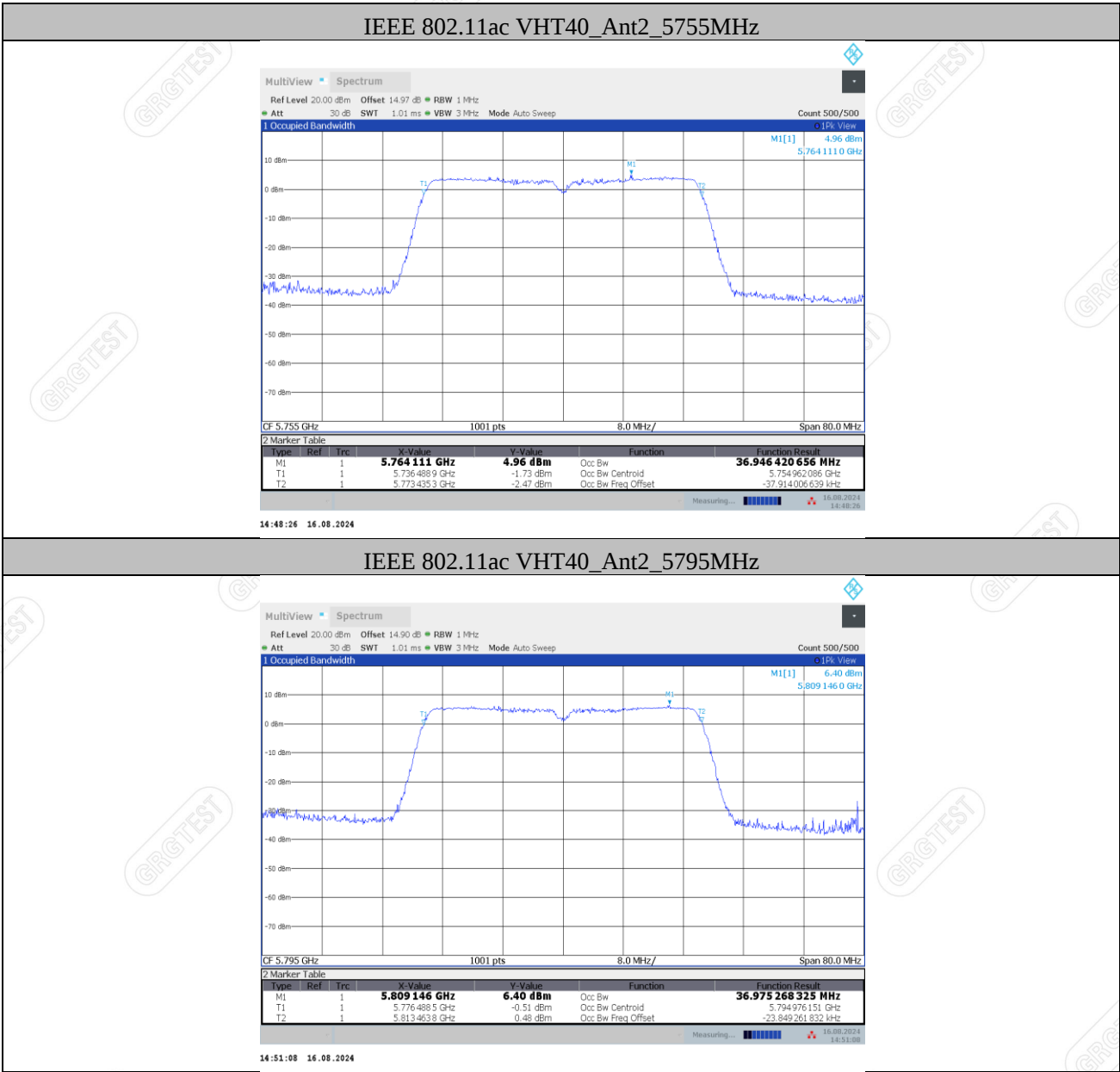
2 Marker Table

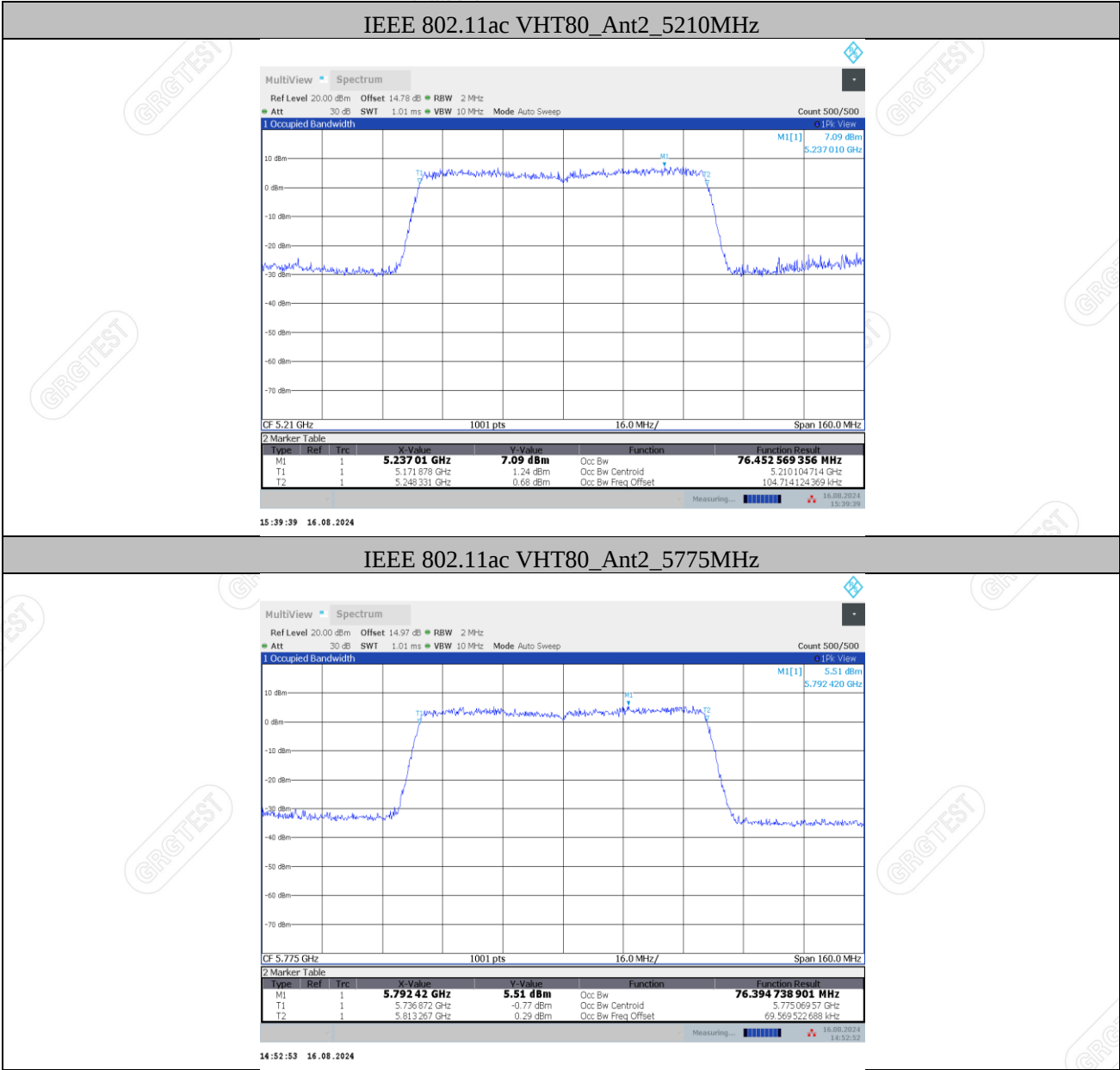
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.832 233 GHz	4.53 dBm	Occ Bw	18.735 159 537 MHz
T1	1		5.815 551 6 GHz	-4.48 dBm	Occ Bw Centroid	5.824 919 15 GHz
T2	1		5.834 286 7 GHz	-4.09 dBm	Occ Bw Freq Offset	-80.850 353 359 kHz

Measuring...

16.08.2024 14:45:17







8. OUTPUT POWER

8.1 LIMITS

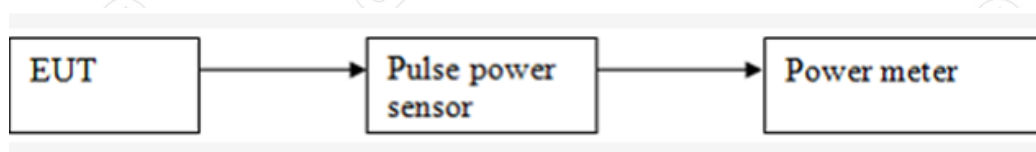
The FCC 15.407(a), The maximum conducted output power should not exceed:

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: 26.3℃/55%RH 101.0kPa
Tested By: Qin Tingting

Voltage:DC 12V
Date: 2024-08-15~2024-09-20

U-NII-1:

Test Mode	Antenna	Frequency [MHz]	AVG Conducted Output Power with Duty Factor (dBm)	Limit [dBm]	Verdict
IEEE 802.11a	Ant2	5180	10.58	≤23.98	PASS
	Ant2	5200	10.20	≤23.98	PASS
	Ant2	5240	9.99	≤23.98	PASS
IEEE 802.11n HT20	Ant2	5180	10.49	≤23.98	PASS
	Ant2	5200	10.21	≤23.98	PASS
	Ant2	5240	9.90	≤23.98	PASS
IEEE 802.11n HT40	Ant2	5190	1.85	≤23.98	PASS
	Ant2	5230	1.38	≤23.98	PASS
IEEE 802.11ac VHT20	Ant2	5180	10.44	≤23.98	PASS
	Ant2	5200	10.29	≤23.98	PASS
	Ant2	5240	9.79	≤23.98	PASS
IEEE 802.11ac VHT40	Ant2	5190	1.62	≤23.98	PASS
		5230	1.34	≤23.98	PASS
IEEE 802.11ac VHT80	Ant2	5210	1.30	≤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	11.37	≤30	PASS
	Ant2	5785	11.41	≤30	PASS
	Ant2	5825	11.31	≤30	PASS
IEEE 802.11n HT20	Ant2	5745	11.45	≤30	PASS
	Ant2	5785	11.49	≤30	PASS
	Ant2	5825	11.51	≤30	PASS
IEEE 802.11n HT40	Ant2	5755	9.93	≤30	PASS
	Ant2	5795	11.74	≤30	PASS
IEEE 802.11ac VHT20	Ant2	5745	11.48	≤30	PASS
	Ant2	5785	11.33	≤30	PASS
	Ant2	5825	11.37	≤30	PASS
IEEE 802.11ac VHT40	Ant2	5755	9.86	≤30	PASS
		5795	11.99	≤30	PASS
IEEE 802.11ac VHT80	Ant2	5775	9.61	≤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:

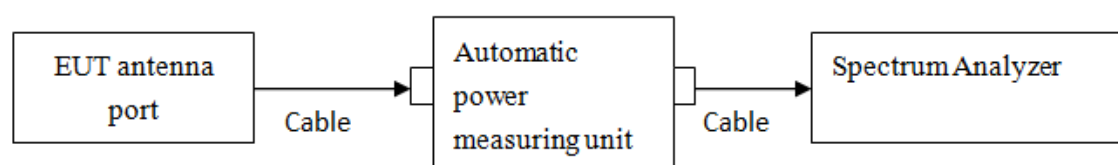
Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	17dBm/MHz
	Indoor Access Point	17dBm/MHz
	Fixed point-to-point Access Point	17dBm/MHz
	Mobile and Portable Client Device	11dBm/MHz
U-NII-3	All Device	30dBm/500kHz

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	$\geq 2 \times \text{SPAN/RBW}$
Detector	RMS(power averaging)
Trace Average	≥ 100 traces

9.3 TEST SETUP



9.4 TEST RESULTS

Environment: 26.3℃/55%RH 101.0kPa
Tested By: Qin Tingting
U-NII-1:

Voltage:DC 12V
Date: 2024-08-15~2024-09-20

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
IEEE 802.11a	Ant2	5180	1.47	≤11	PASS
	Ant2	5200	1.11	≤11	PASS
	Ant2	5240	1.28	≤11	PASS
IEEE 802.11n HT20	Ant2	5180	1.07	≤11	PASS
	Ant2	5200	0.89	≤11	PASS
	Ant2	5240	1.08	≤11	PASS
IEEE 802.11n HT40	Ant2	5190	-14.36	≤11	PASS
	Ant2	5230	-13.80	≤11	PASS
IEEE 802.11ac VHT20	Ant2	5180	1.02	≤11	PASS
	Ant2	5200	0.94	≤11	PASS
	Ant2	5240	0.78	≤11	PASS
IEEE 802.11ac VHT40	Ant2	5190	-14.42	≤11	PASS
	Ant2	5230	-14.11	≤11	PASS
IEEE 802.11ac VHT80	Ant2	5210	-17.75	≤11	PASS

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

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U-NII-3:

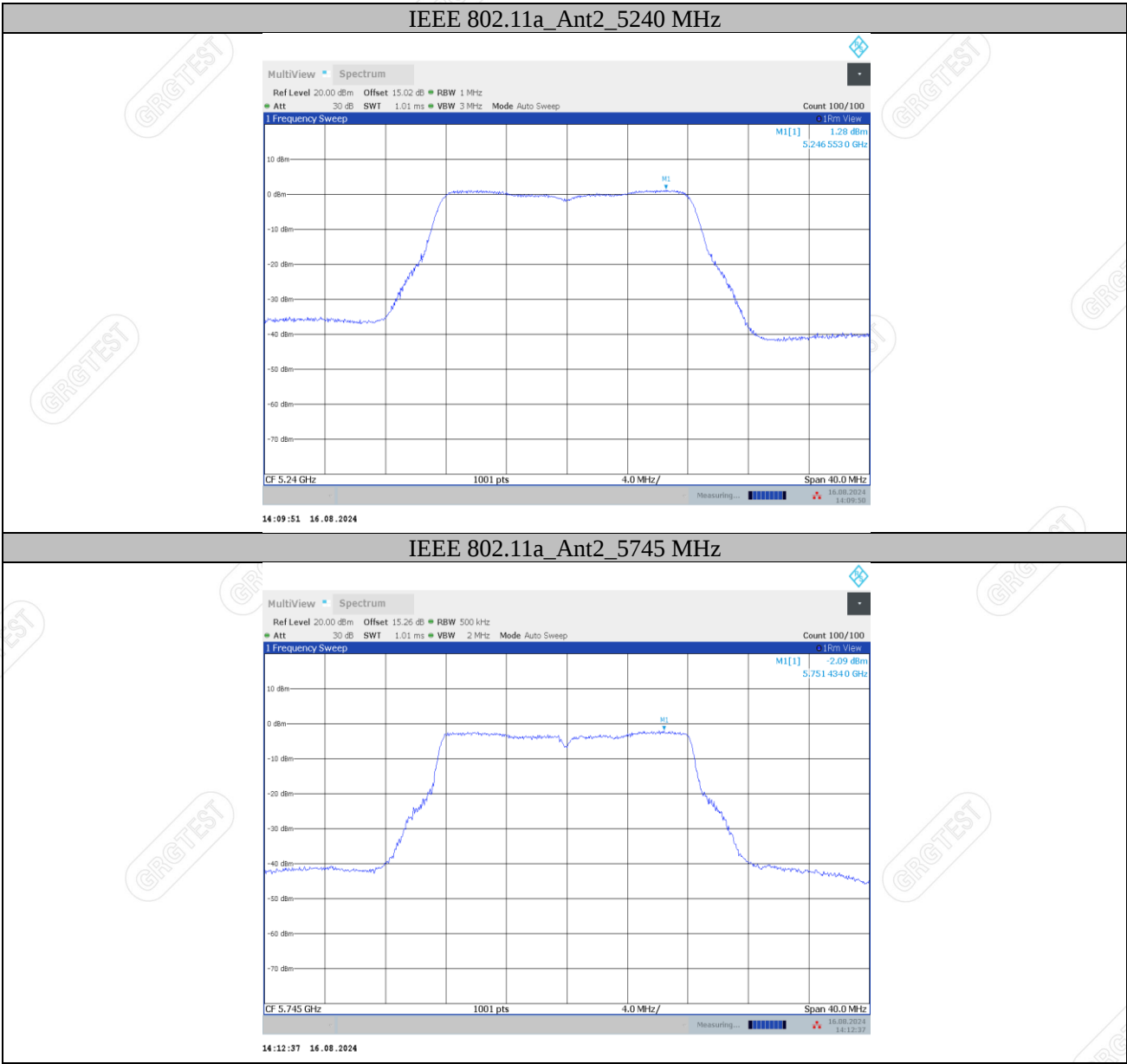
Test Mode	Antenna	Frequency [MHz]	Result [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
IEEE 802.11a	Ant2	5745	-2.09	≤30.00	PASS
	Ant2	5785	-2.33	≤30.00	PASS
	Ant2	5825	-2.16	≤30.00	PASS
IEEE 802.11n HT20	Ant2	5745	-2.34	≤30.00	PASS
	Ant2	5785	-2.64	≤30.00	PASS
	Ant2	5825	-2.88	≤30.00	PASS
IEEE 802.11n HT40	Ant2	5755	-6.70	≤30.00	PASS
	Ant2	5795	-4.79	≤30.00	PASS
IEEE 802.11ac VHT20	Ant2	5745	-2.33	≤30.00	PASS
	Ant2	5785	-2.33	≤30.00	PASS
	Ant2	5825	-3.05	≤30.00	PASS
IEEE 802.11ac VHT40	Ant2	5755	-6.63	≤30.00	PASS
	Ant2	5795	-4.86	≤30.00	PASS
IEEE 802.11ac VHT80	Ant2	5775	-10.51	≤30.00	PASS

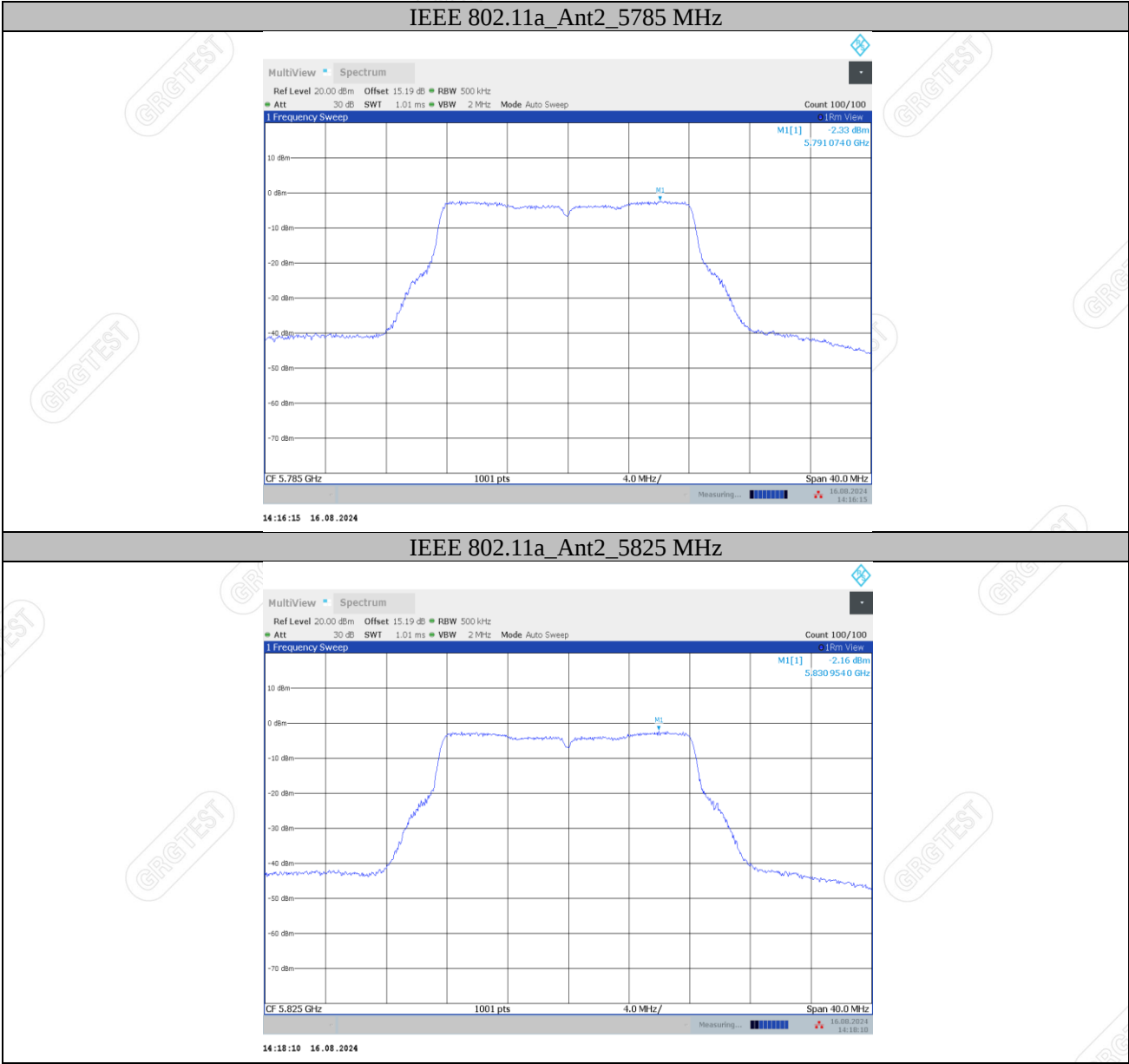
Note: 1. Result already includes duty factor, 5745 MHz~5825 MHz antenna gain is 1.6dBi, 5180 MHz~5240 MHz antenna gain is 1.6dBi.

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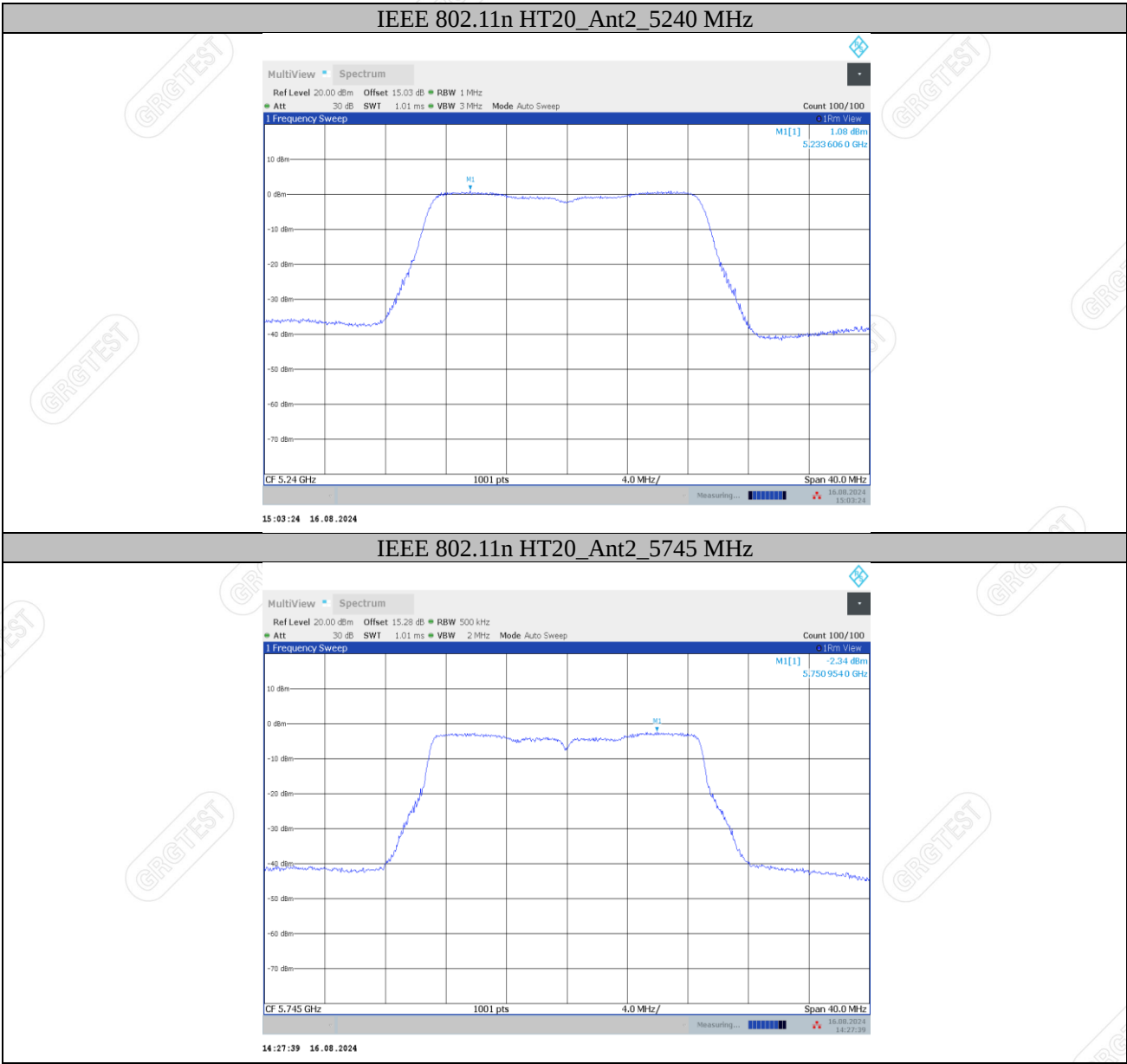
Test Graphs

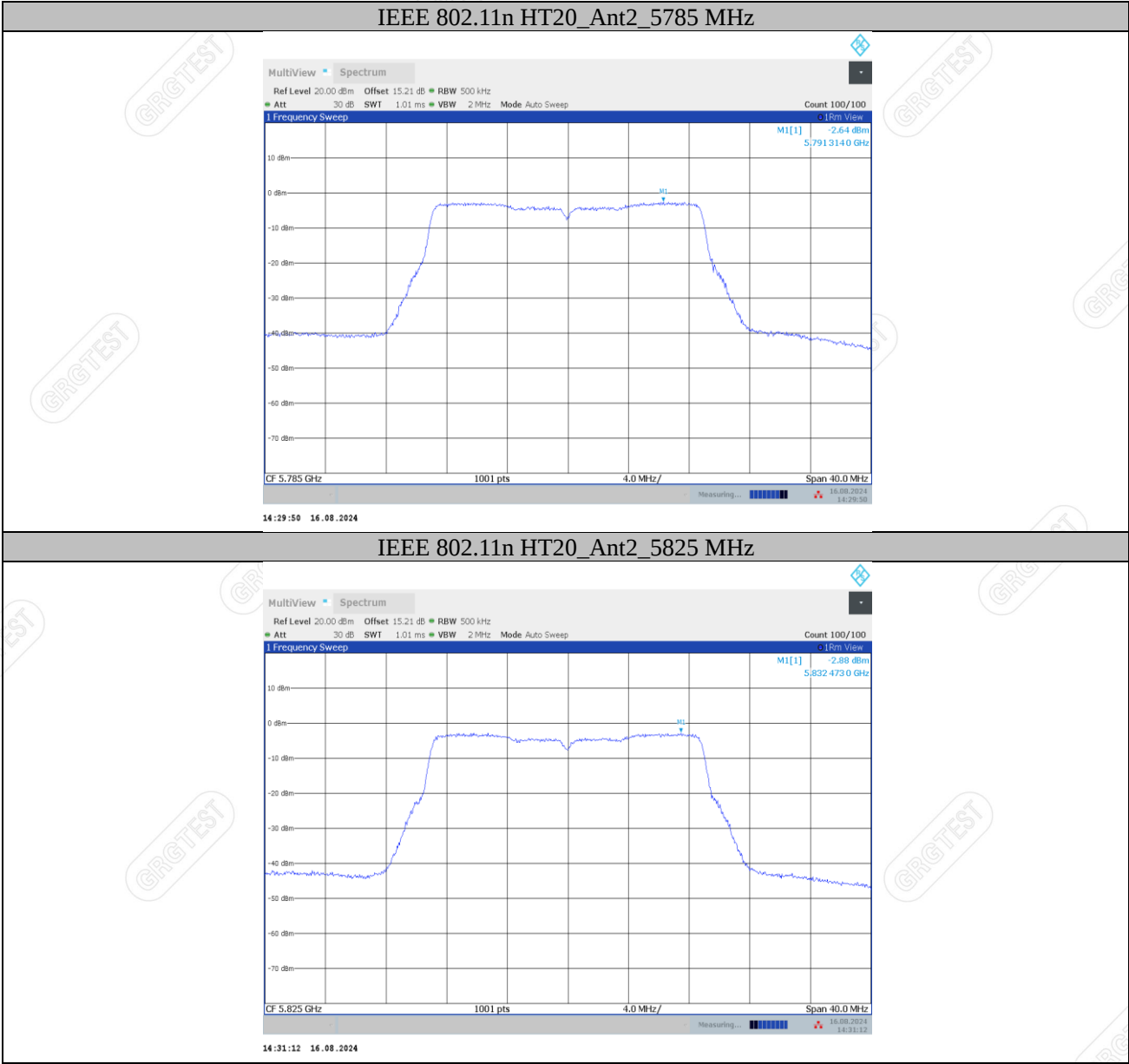


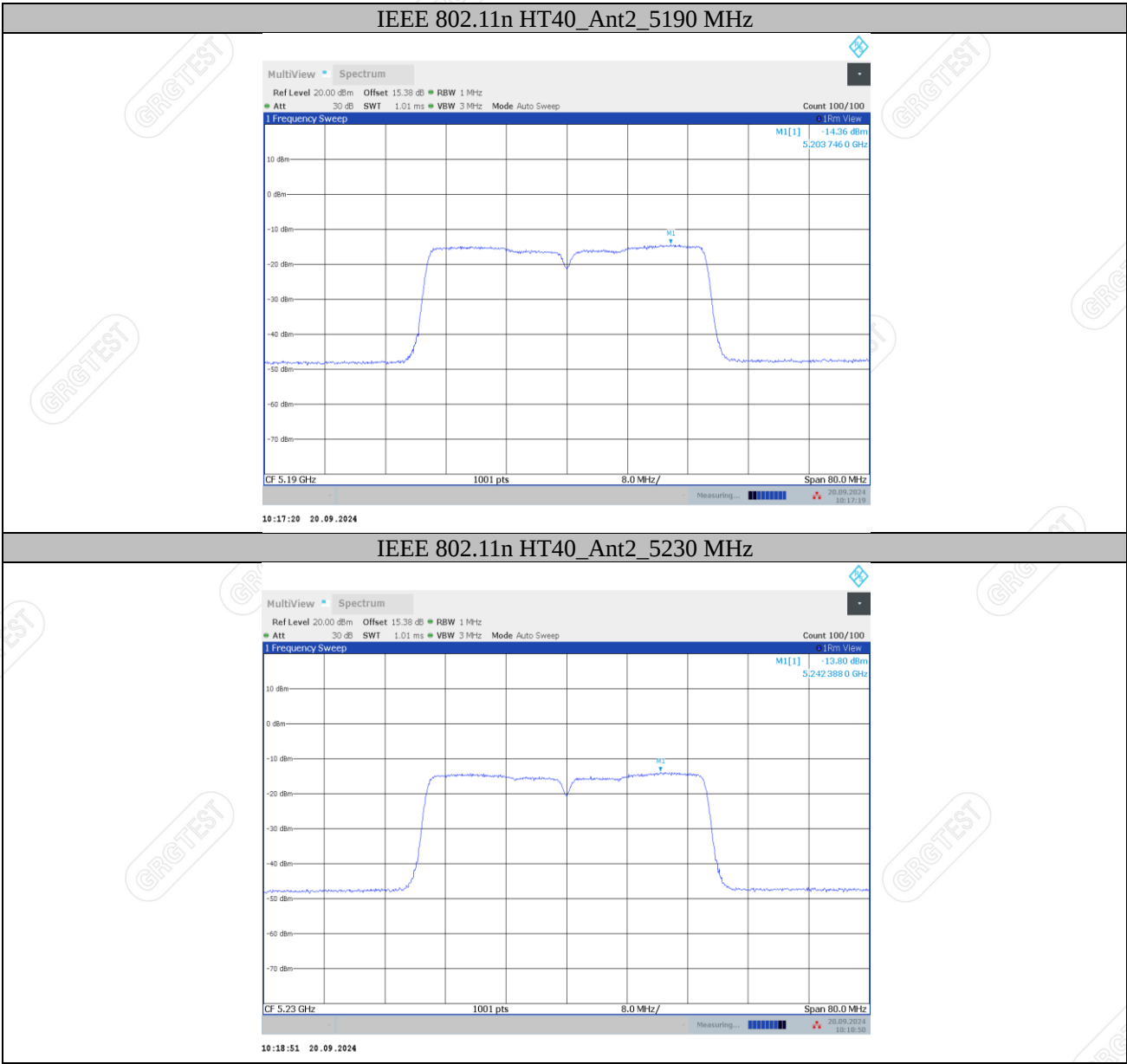


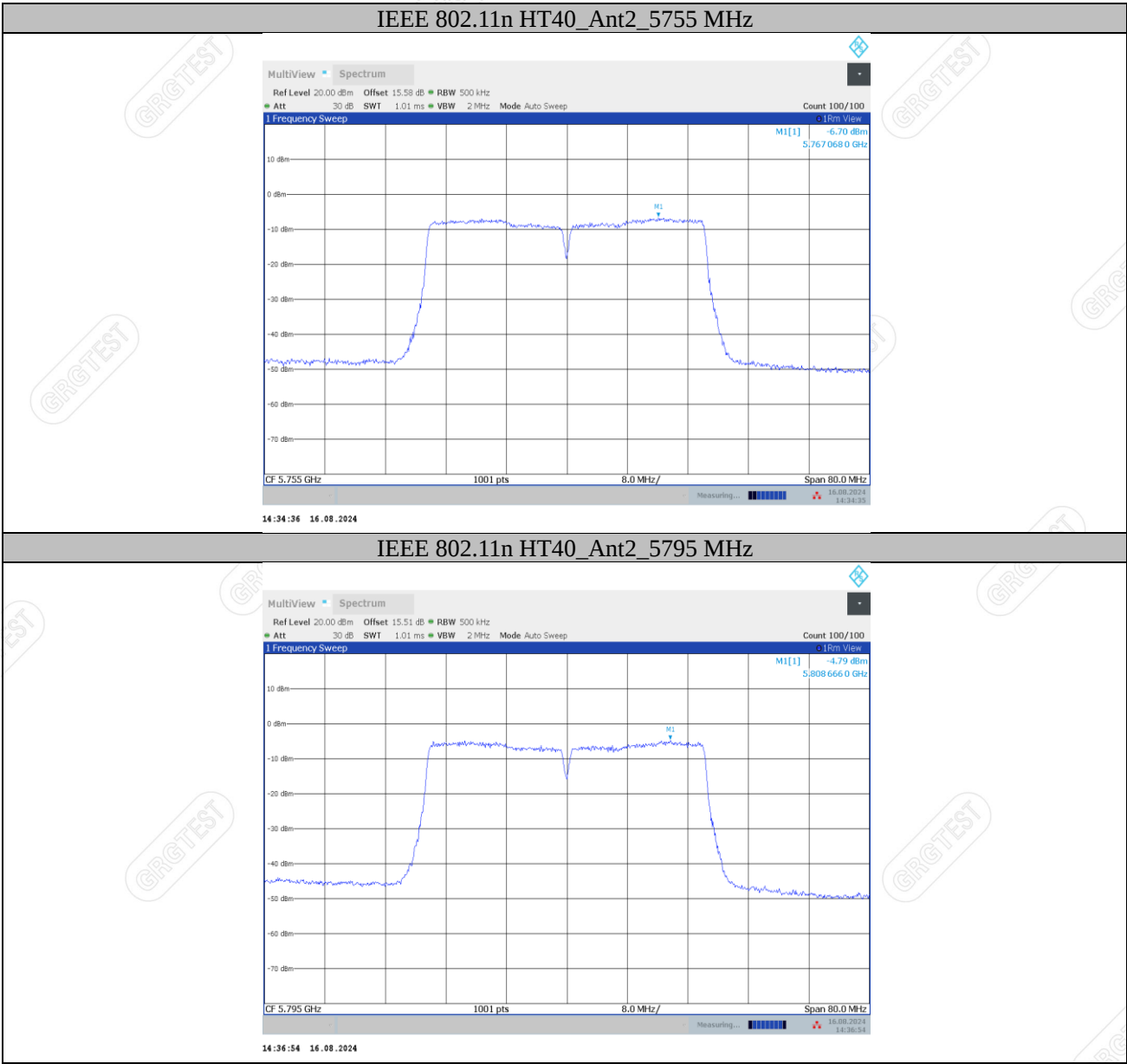


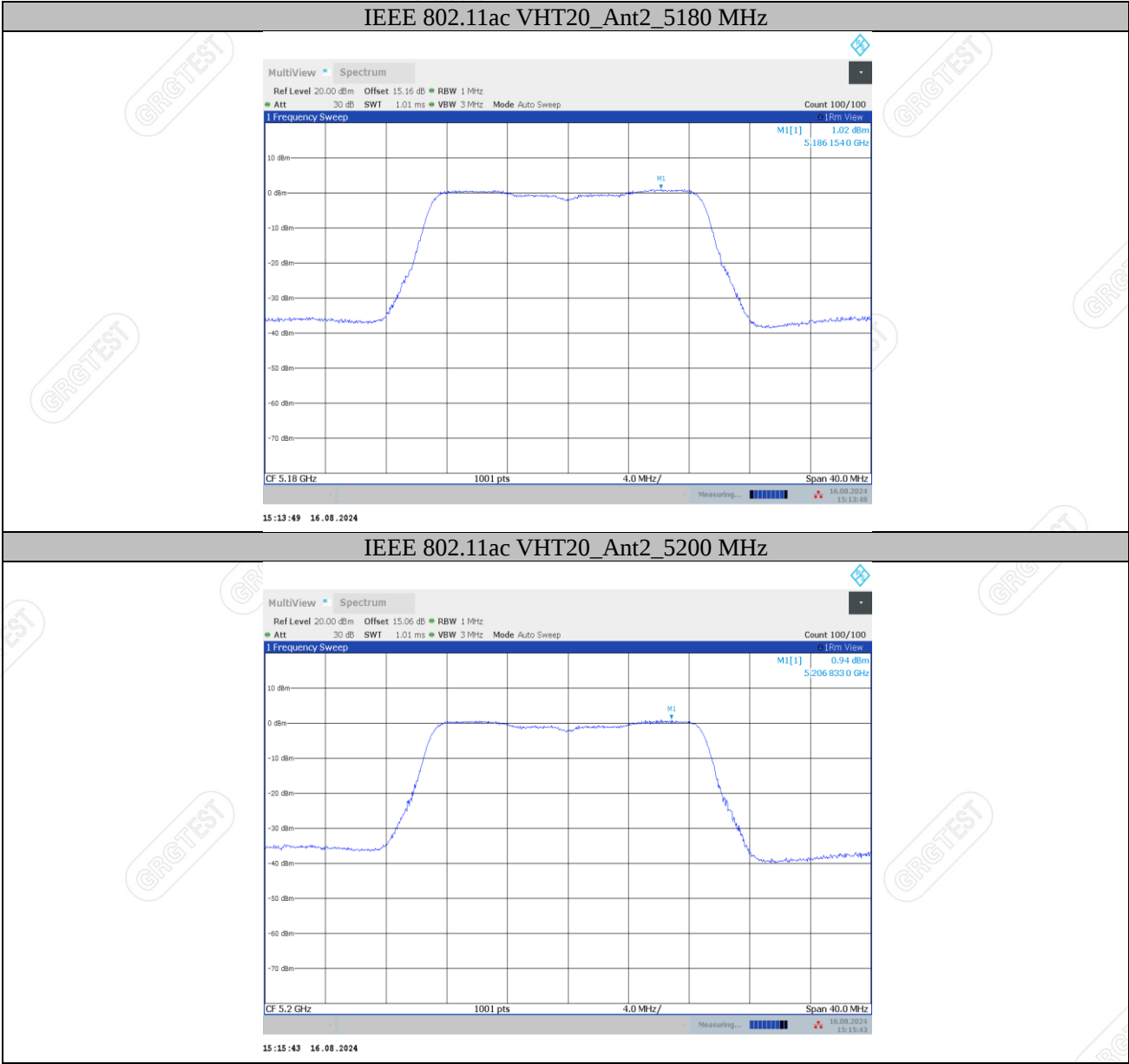


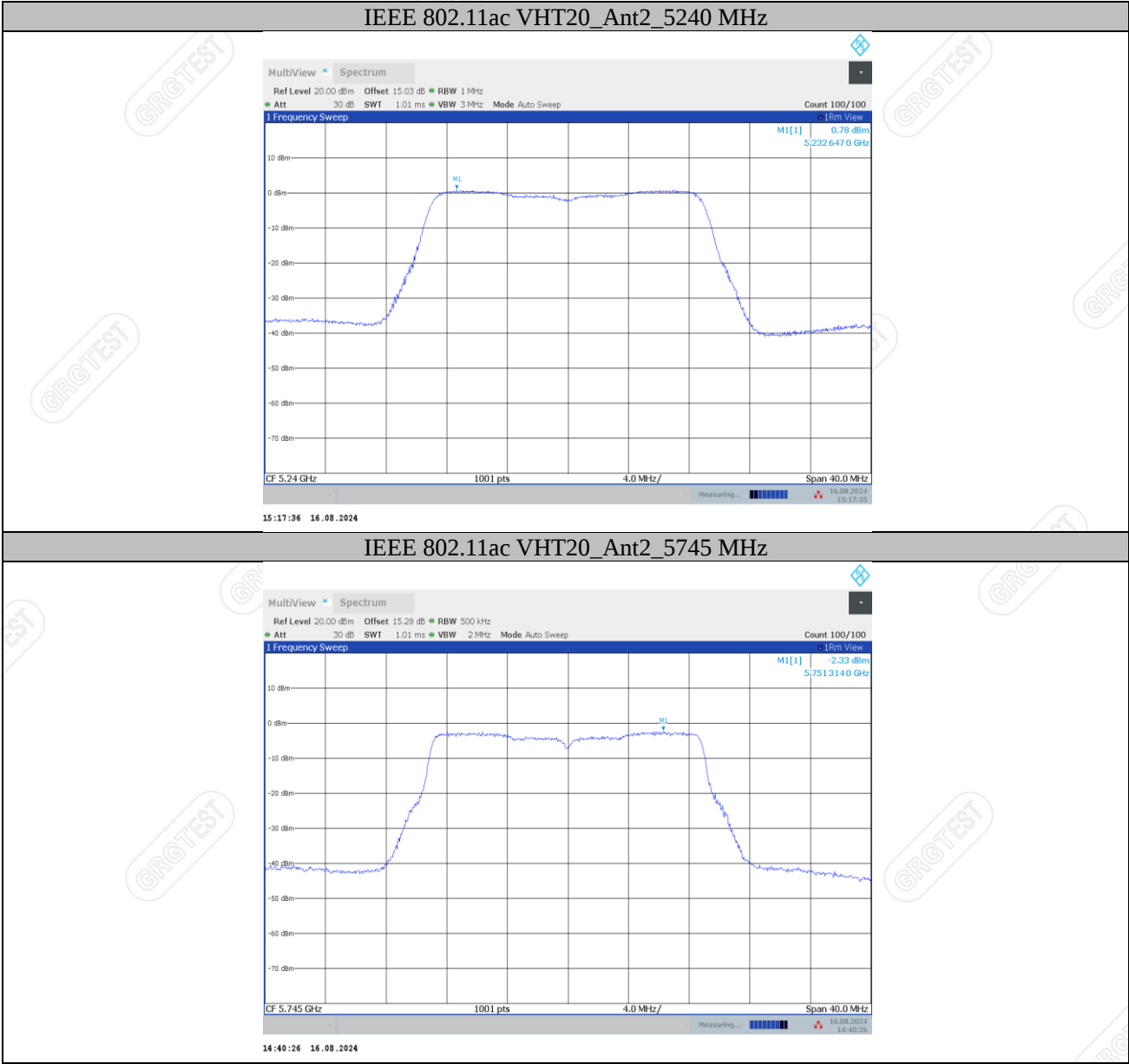


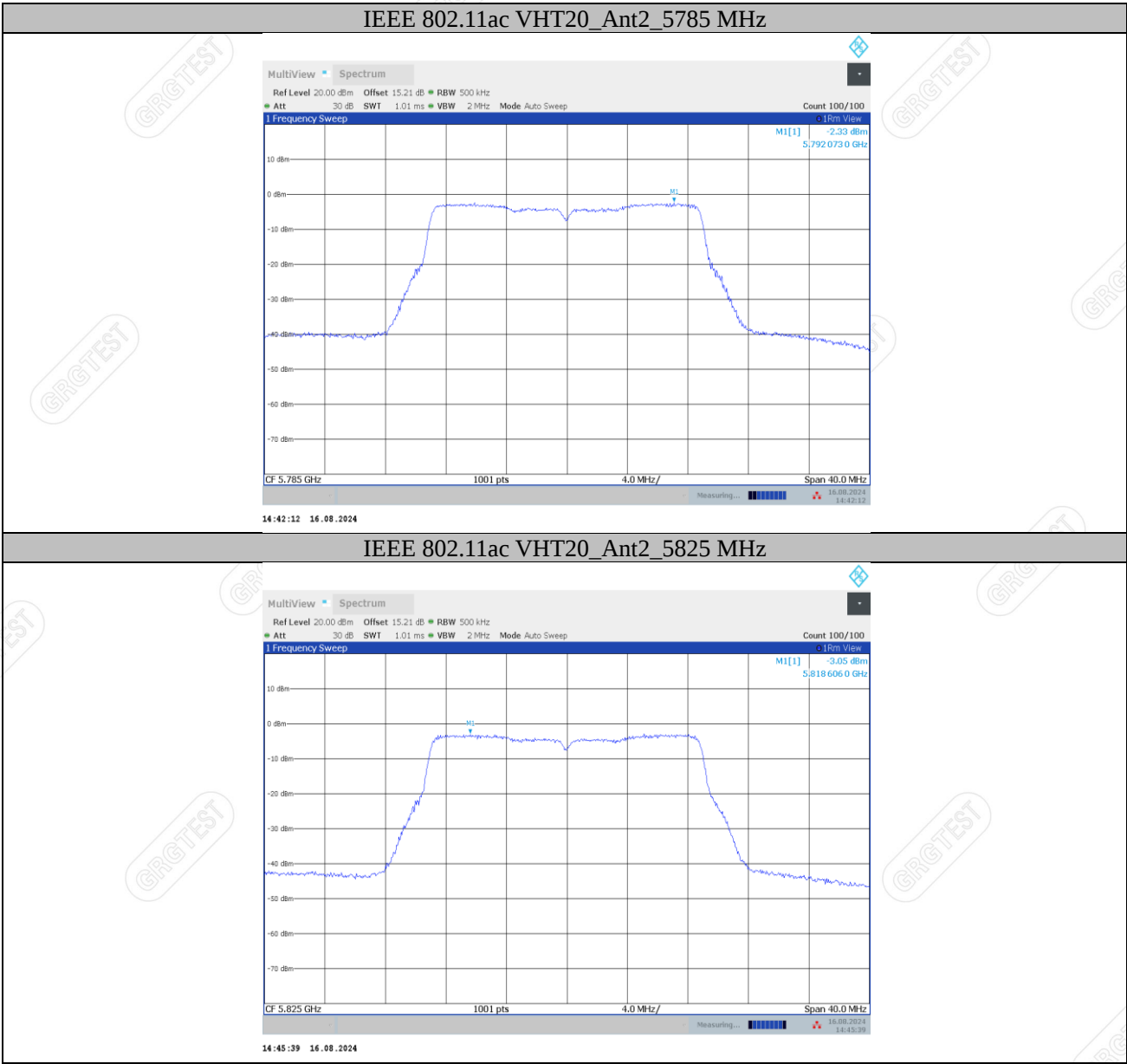


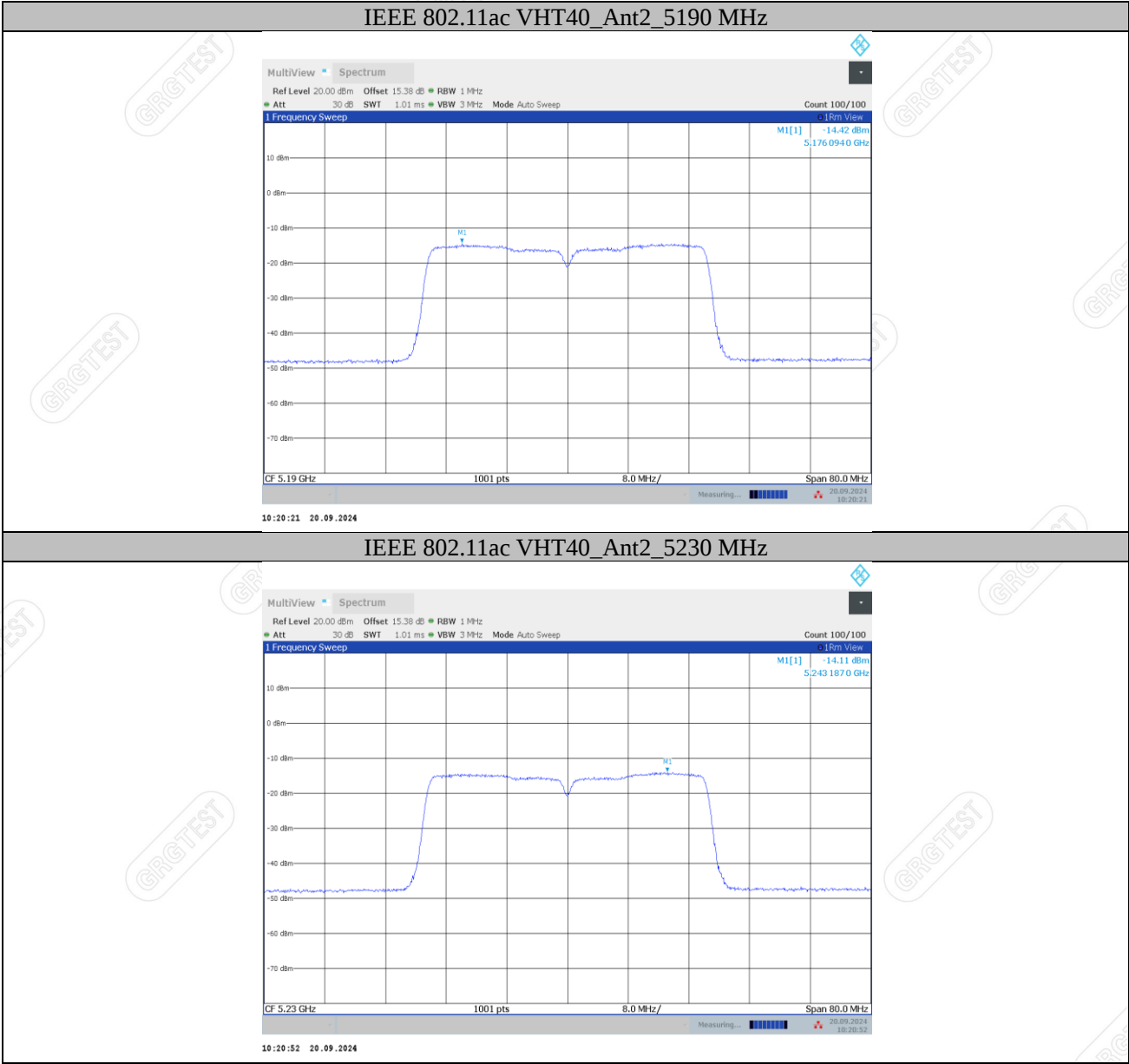


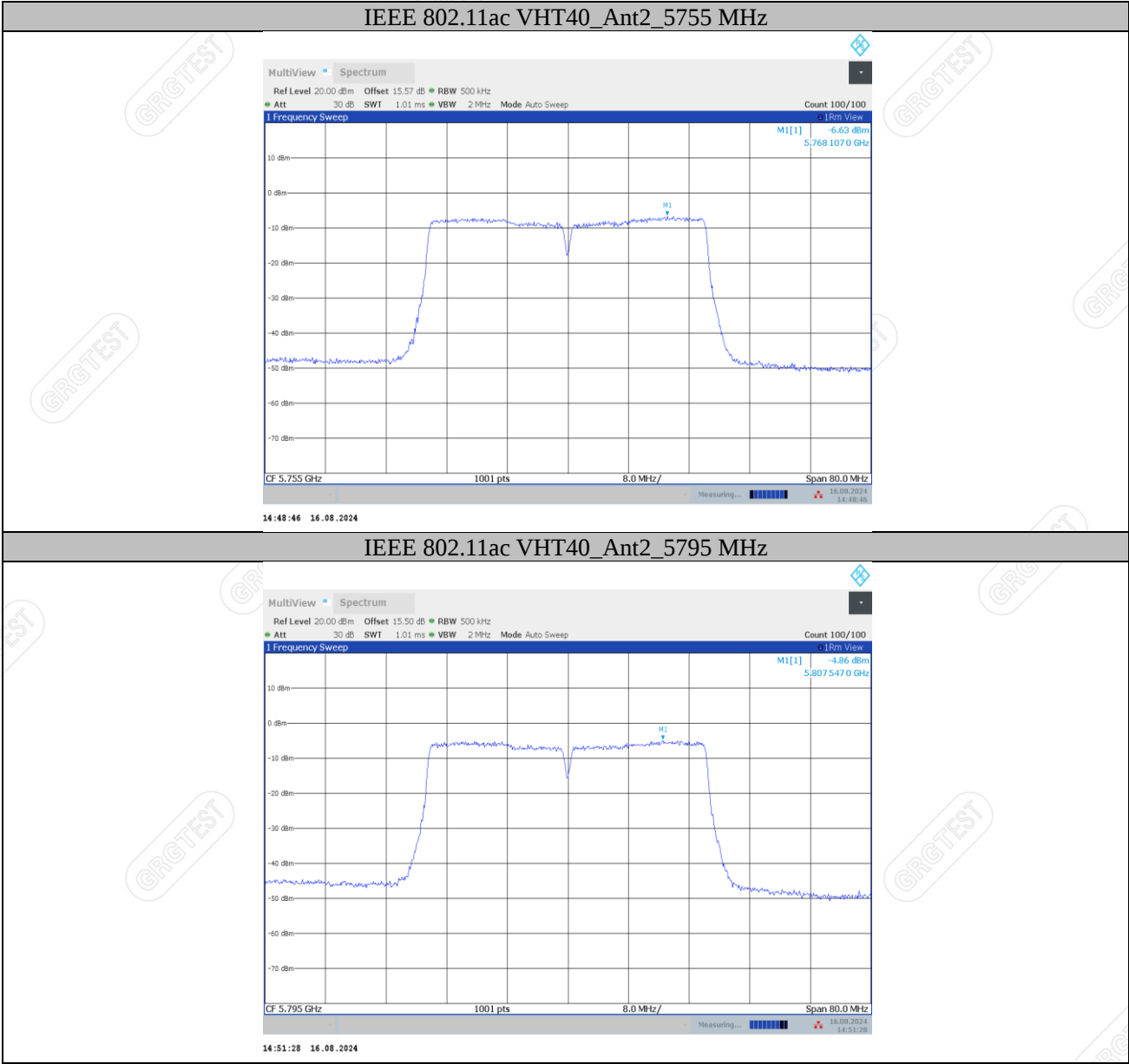


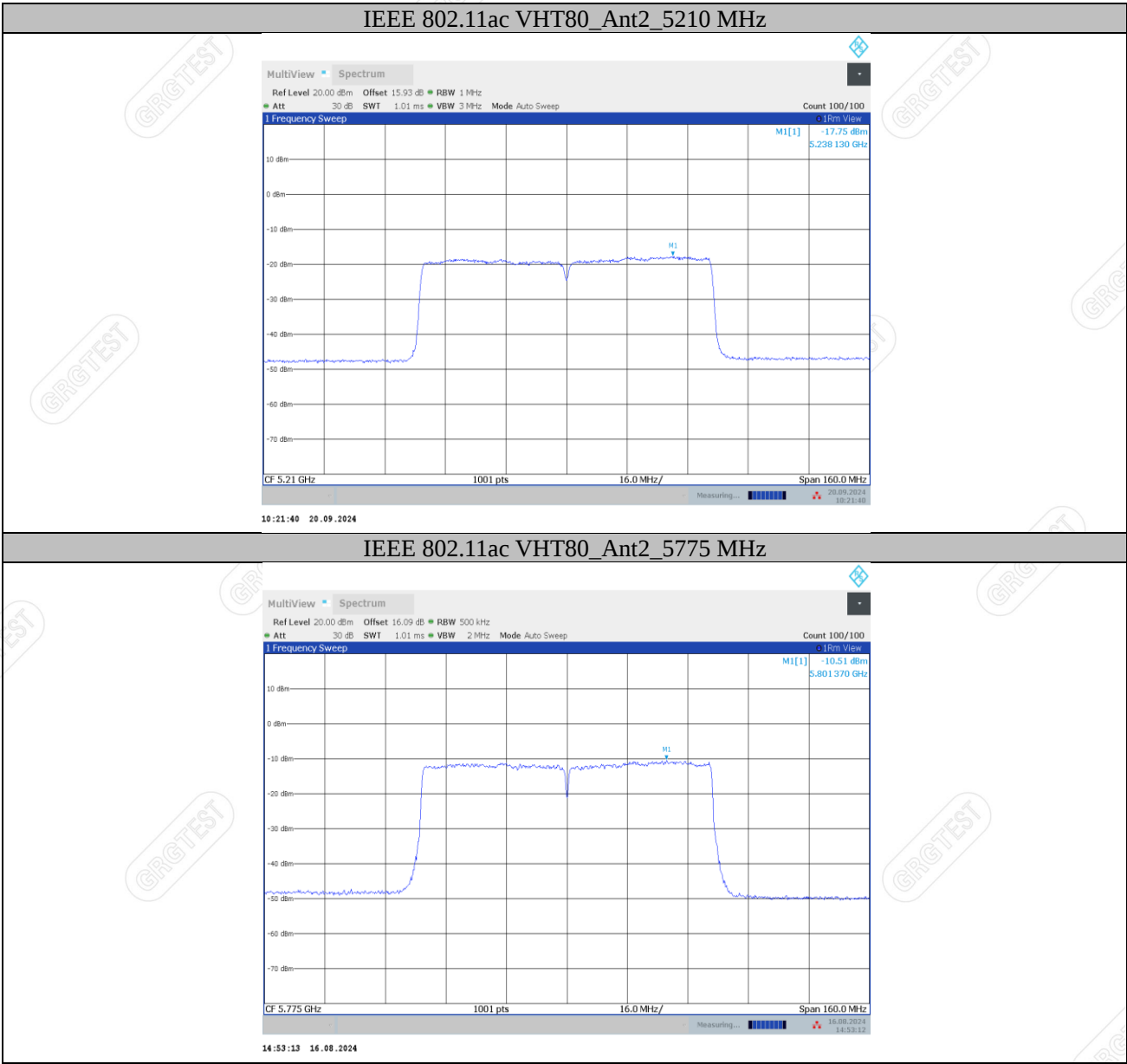












10. FREQUENCY STABILITY

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.

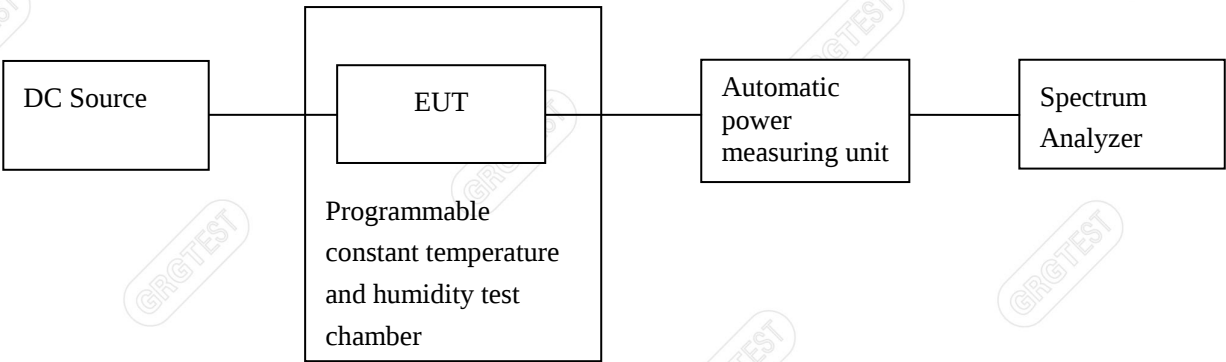
- c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).
- d) Turn 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: 26.9℃/53%RH 101.0kPa
Tested By: Qin Tingting

Voltage:DC 12V
Date: 2024-08-15

Voltage								
Test Mode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
IEEE 802.11a	Ant2	5180	NV	NT	-58900.00	-11.370656	20	PASS
			LV	NT	-58900.00	-11.370656	20	PASS
			HV	NT	-58900.00	-11.370656	20	PASS
		5200	NV	NT	-60900.00	-11.711538	20	PASS
			LV	NT	-61900.00	-11.903846	20	PASS
			HV	NT	-61900.00	-11.903846	20	PASS
		5240	NV	NT	-62900.00	-12.003817	20	PASS
			LV	NT	-61900.00	-11.812977	20	PASS
			HV	NT	-62900.00	-12.003817	20	PASS
		5745	NV	NT	-67900.00	-11.818973	20	PASS
			LV	NT	-67900.00	-11.818973	20	PASS
			HV	NT	-67900.00	-11.818973	20	PASS
		5785	NV	NT	-72900.00	-12.601556	20	PASS
			LV	NT	-72900.00	-12.601556	20	PASS
			HV	NT	-72900.00	-12.601556	20	PASS
		5825	NV	NT	-76900.00	-13.201717	20	PASS
			LV	NT	-76900.00	-13.201717	20	PASS
			HV	NT	-76900.00	-13.201717	20	PASS
IEEE 802.11n HT20	Ant2	5180	NV	NT	-58900.00	-11.370656	20	PASS
			LV	NT	-58900.00	-11.370656	20	PASS
			HV	NT	-58900.00	-11.370656	20	PASS
		5200	NV	NT	-61900.00	-11.903846	20	PASS
			LV	NT	-61900.00	-11.903846	20	PASS
			HV	NT	-61900.00	-11.903846	20	PASS
		5240	NV	NT	-61900.00	-11.812977	20	PASS
			LV	NT	-61900.00	-11.812977	20	PASS
			HV	NT	-61900.00	-11.812977	20	PASS
		5745	NV	NT	-68900.00	-11.993037	20	PASS
			LV	NT	-68900.00	-11.993037	20	PASS
			HV	NT	-68900.00	-11.993037	20	PASS
		5785	NV	NT	-74900.00	-12.947277	20	PASS
			LV	NT	-74900.00	-12.947277	20	PASS
			HV	NT	-74900.00	-12.947277	20	PASS
		5825	NV	NT	-81900.00	-14.060086	20	PASS
			LV	NT	-82900.00	-14.231760	20	PASS
			HV	NT	-81900.00	-14.060086	20	PASS
IEEE 802.11n HT40	Ant2	5190	NV	NT	-61900.00	-11.926782	20	PASS
			LV	NT	-61900.00	-11.926782	20	PASS
			HV	NT	-61900.00	-11.926782	20	PASS
		5230	NV	NT	-61900.00	-11.835564	20	PASS
			LV	NT	-61900.00	-11.835564	20	PASS
			HV	NT	-61900.00	-11.835564	20	PASS
		5755	NV	NT	-79900.00	-13.883579	20	PASS

		5795	LV	NT	-79900.00	-13.883579	20	PASS
			HV	NT	-79900.00	-13.883579	20	PASS
			NV	NT	-76900.00	-13.270060	20	PASS
			LV	NT	-76900.00	-13.270060	20	PASS
			HV	NT	-76900.00	-13.270060	20	PASS
IEEE 802.11ac VHT20	Ant2	5180	NV	NT	-58900.00	-11.370656	20	PASS
			LV	NT	-58900.00	-11.370656	20	PASS
			HV	NT	-58900.00	-11.370656	20	PASS
		5200	NV	NT	-61900.00	-11.903846	20	PASS
			LV	NT	-61900.00	-11.903846	20	PASS
			HV	NT	-62900.00	-12.096154	20	PASS
		5240	NV	NT	-61900.00	-11.812977	20	PASS
			LV	NT	-61900.00	-11.812977	20	PASS
			HV	NT	-61900.00	-11.812977	20	PASS
		5745	NV	NT	-70900.00	-12.341166	20	PASS
			LV	NT	-70900.00	-12.341166	20	PASS
			HV	NT	-70900.00	-12.341166	20	PASS
		5785	NV	NT	-75900.00	-13.120138	20	PASS
			LV	NT	-75900.00	-13.120138	20	PASS
			HV	NT	-75900.00	-13.120138	20	PASS
		5825	NV	NT	-82900.00	-14.231760	20	PASS
			LV	NT	-82900.00	-14.231760	20	PASS
			HV	NT	-82900.00	-14.231760	20	PASS
IEEE 802.11ac VH40	Ant2	5190	NV	NT	-61900.00	-11.926782	20	PASS
			LV	NT	-61900.00	-11.926782	20	PASS
			HV	NT	-61900.00	-11.926782	20	PASS
		5230	NV	NT	-61900.00	-11.835564	20	PASS
			LV	NT	-61900.00	-11.835564	20	PASS
			HV	NT	-61900.00	-11.835564	20	PASS
		5755	NV	NT	-77900.00	-13.536056	20	PASS
			LV	NT	-77900.00	-13.536056	20	PASS
			HV	NT	-77900.00	-13.536056	20	PASS
		5795	NV	NT	-75900.00	-13.097498	20	PASS
			LV	NT	-75900.00	-13.097498	20	PASS
			HV	NT	-75900.00	-13.097498	20	PASS
IEEE 802.11ac VHT80	Ant2	5210	NV	NT	-61900.00	-11.880998	20	PASS
			LV	NT	-61900.00	-11.880998	20	PASS
			HV	NT	-61900.00	-11.880998	20	PASS
		5775	NV	NT	-67900.00	-11.757576	20	PASS
			LV	NT	-67900.00	-11.757576	20	PASS
			HV	NT	-67900.00	-11.757576	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	-58900.00	-11.370656	20	PASS
			NV	-20	-58900.00	-11.370656	20	PASS
			NV	-10	-58900.00	-11.370656	20	PASS
			NV	0	-58900.00	-11.370656	20	PASS
			NV	10	-58900.00	-11.370656	20	PASS
			NV	20	-58900.00	-11.370656	20	PASS
			NV	30	-58900.00	-11.370656	20	PASS
			NV	40	-58900.00	-11.370656	20	PASS

			NV	50	-58900.00	-11.370656	20	PASS
			NV	-30	-61900.00	-11.903846	20	PASS
		5200	NV	-20	-61900.00	-11.903846	20	PASS
			NV	-10	-61900.00	-11.903846	20	PASS
			NV	0	-61900.00	-11.903846	20	PASS
			NV	10	-61900.00	-11.903846	20	PASS
			NV	20	-61900.00	-11.903846	20	PASS
			NV	30	-62900.00	-12.096154	20	PASS
			NV	40	-62900.00	-12.096154	20	PASS
			NV	50	-62900.00	-12.096154	20	PASS
			NV	-30	-61900.00	-11.812977	20	PASS
		5240	NV	-20	-61900.00	-11.812977	20	PASS
			NV	-10	-62900.00	-12.003817	20	PASS
			NV	0	-61900.00	-11.812977	20	PASS
			NV	10	-61900.00	-11.812977	20	PASS
			NV	20	-62900.00	-12.003817	20	PASS
			NV	30	-61900.00	-11.812977	20	PASS
			NV	40	-61900.00	-11.812977	20	PASS
			NV	50	-61900.00	-11.812977	20	PASS
			NV	-30	-67900.00	-11.818973	20	PASS
		5745	NV	-20	-67900.00	-11.818973	20	PASS
			NV	-10	-68900.00	-11.993037	20	PASS
			NV	0	-68900.00	-11.993037	20	PASS
			NV	10	-68900.00	-11.993037	20	PASS
			NV	20	-67900.00	-11.818973	20	PASS
			NV	30	-68900.00	-11.993037	20	PASS
			NV	40	-68900.00	-11.993037	20	PASS
			NV	50	-68900.00	-11.993037	20	PASS
			NV	-30	-72900.00	-12.601556	20	PASS
		5785	NV	-20	-72900.00	-12.601556	20	PASS
			NV	-10	-73900.00	-12.774417	20	PASS
			NV	0	-73900.00	-12.774417	20	PASS
			NV	10	-73900.00	-12.774417	20	PASS
			NV	20	-73900.00	-12.774417	20	PASS
			NV	30	-73900.00	-12.774417	20	PASS
			NV	40	-73900.00	-12.774417	20	PASS
			NV	50	-73900.00	-12.774417	20	PASS
			NV	-30	-76900.00	-13.201717	20	PASS
		5825	NV	-20	-76900.00	-13.201717	20	PASS
			NV	-10	-76900.00	-13.201717	20	PASS
			NV	0	-76900.00	-13.201717	20	PASS
			NV	10	-76900.00	-13.201717	20	PASS
			NV	20	-76900.00	-13.201717	20	PASS
			NV	30	-76900.00	-13.201717	20	PASS
			NV	40	-77900.00	-13.373391	20	PASS
			NV	50	-77900.00	-13.373391	20	PASS
IEEE 802.11n HT20	Ant2	5180	NV	-30	-58900.00	-11.370656	20	PASS
			NV	-20	-58900.00	-11.370656	20	PASS
			NV	-10	-58900.00	-11.370656	20	PASS
			NV	0	-58900.00	-11.370656	20	PASS
			NV	10	-58900.00	-11.370656	20	PASS
			NV	20	-58900.00	-11.370656	20	PASS
			NV	30	-58900.00	-11.370656	20	PASS
			NV	40	-58900.00	-11.370656	20	PASS

		5200	NV	50	-58900.00	-11.370656	20	PASS
			NV	-30	-61900.00	-11.903846	20	PASS
			NV	-20	-61900.00	-11.903846	20	PASS
			NV	-10	-61900.00	-11.903846	20	PASS
			NV	0	-61900.00	-11.903846	20	PASS
			NV	10	-61900.00	-11.903846	20	PASS
			NV	20	-61900.00	-11.903846	20	PASS
			NV	30	-61900.00	-11.903846	20	PASS
			NV	40	-62900.00	-12.096154	20	PASS
			NV	50	-61900.00	-11.903846	20	PASS
		5240	NV	-30	-61900.00	-11.812977	20	PASS
			NV	-20	-61900.00	-11.812977	20	PASS
			NV	-10	-61900.00	-11.812977	20	PASS
			NV	0	-61900.00	-11.812977	20	PASS
			NV	10	-61900.00	-11.812977	20	PASS
			NV	20	-61900.00	-11.812977	20	PASS
			NV	30	-61900.00	-11.812977	20	PASS
			NV	40	-61900.00	-11.812977	20	PASS
			NV	50	-61900.00	-11.812977	20	PASS
		5745	NV	-30	-69900.00	-12.167102	20	PASS
			NV	-20	-69900.00	-12.167102	20	PASS
			NV	-10	-69900.00	-12.167102	20	PASS
			NV	0	-69900.00	-12.167102	20	PASS
			NV	10	-69900.00	-12.167102	20	PASS
			NV	20	-69900.00	-12.167102	20	PASS
			NV	30	-69900.00	-12.167102	20	PASS
			NV	40	-69900.00	-12.167102	20	PASS
			NV	50	-69900.00	-12.167102	20	PASS
		5785	NV	-30	-74900.00	-12.947277	20	PASS
			NV	-20	-74900.00	-12.947277	20	PASS
			NV	-10	-74900.00	-12.947277	20	PASS
			NV	0	-74900.00	-12.947277	20	PASS
			NV	10	-74900.00	-12.947277	20	PASS
			NV	20	-74900.00	-12.947277	20	PASS
			NV	30	-75900.00	-13.120138	20	PASS
			NV	40	-74900.00	-12.947277	20	PASS
			NV	50	-75900.00	-13.120138	20	PASS
		5825	NV	-30	-81900.00	-14.060086	20	PASS
			NV	-20	-82900.00	-14.231760	20	PASS
			NV	-10	-82900.00	-14.231760	20	PASS
			NV	0	-82900.00	-14.231760	20	PASS
			NV	10	-81900.00	-14.060086	20	PASS
			NV	20	-82900.00	-14.231760	20	PASS
			NV	30	-82900.00	-14.231760	20	PASS
			NV	40	-82900.00	-14.231760	20	PASS
			NV	50	-82900.00	-14.231760	20	PASS
		IEEE 802.11n HT40	Ant2	5190	NV	-30	-61900.00	-11.926782
NV	-20				-61900.00	-11.926782	20	PASS
NV	-10				-61900.00	-11.926782	20	PASS
NV	0				-61900.00	-11.926782	20	PASS
NV	10				-61900.00	-11.926782	20	PASS
NV	20				-61900.00	-11.926782	20	PASS
NV	30				-61900.00	-11.926782	20	PASS
NV	40				-61900.00	-11.926782	20	PASS

IEEE 802.11ac VHT20	Ant2	5230	NV	50	-61900.00	-11.926782	20	PASS
			NV	-30	-61900.00	-11.835564	20	PASS
			NV	-20	-61900.00	-11.835564	20	PASS
			NV	-10	-61900.00	-11.835564	20	PASS
			NV	0	-61900.00	-11.835564	20	PASS
			NV	10	-61900.00	-11.835564	20	PASS
			NV	20	-61900.00	-11.835564	20	PASS
			NV	30	-61900.00	-11.835564	20	PASS
			NV	40	-61900.00	-11.835564	20	PASS
			NV	50	-61900.00	-11.835564	20	PASS
		5755	NV	-30	-78900.00	-13.709818	20	PASS
			NV	-20	-78900.00	-13.709818	20	PASS
			NV	-10	-78900.00	-13.709818	20	PASS
			NV	0	-78900.00	-13.709818	20	PASS
			NV	10	-78900.00	-13.709818	20	PASS
			NV	20	-78900.00	-13.709818	20	PASS
			NV	30	-78900.00	-13.709818	20	PASS
			NV	40	-78900.00	-13.709818	20	PASS
			NV	50	-78900.00	-13.709818	20	PASS
		5795	NV	-30	-76900.00	-13.270060	20	PASS
			NV	-20	-76900.00	-13.270060	20	PASS
			NV	-10	-75900.00	-13.097498	20	PASS
			NV	0	-75900.00	-13.097498	20	PASS
			NV	10	-75900.00	-13.097498	20	PASS
			NV	20	-75900.00	-13.097498	20	PASS
			NV	30	-75900.00	-13.097498	20	PASS
			NV	40	-75900.00	-13.097498	20	PASS
			NV	50	-75900.00	-13.097498	20	PASS
		5180	NV	-30	-58900.00	-11.370656	20	PASS
			NV	-20	-58900.00	-11.370656	20	PASS
			NV	-10	-58900.00	-11.370656	20	PASS
			NV	0	-58900.00	-11.370656	20	PASS
			NV	10	-58900.00	-11.370656	20	PASS
			NV	20	-58900.00	-11.370656	20	PASS
			NV	30	-58900.00	-11.370656	20	PASS
			NV	40	-58900.00	-11.370656	20	PASS
			NV	50	-58900.00	-11.370656	20	PASS
		5200	NV	-30	-61900.00	-11.903846	20	PASS
			NV	-20	-61900.00	-11.903846	20	PASS
			NV	-10	-61900.00	-11.903846	20	PASS
			NV	0	-61900.00	-11.903846	20	PASS
			NV	10	-61900.00	-11.903846	20	PASS
			NV	20	-61900.00	-11.903846	20	PASS
			NV	30	-61900.00	-11.903846	20	PASS
			NV	40	-61900.00	-11.903846	20	PASS
			NV	50	-61900.00	-11.903846	20	PASS
		5240	NV	-30	-61900.00	-11.812977	20	PASS
			NV	-20	-61900.00	-11.812977	20	PASS
			NV	-10	-61900.00	-11.812977	20	PASS
			NV	0	-61900.00	-11.812977	20	PASS
			NV	10	-61900.00	-11.812977	20	PASS
			NV	20	-61900.00	-11.812977	20	PASS
			NV	30	-61900.00	-11.812977	20	PASS
			NV	40	-61900.00	-11.812977	20	PASS

IEEE 802.11ac VHT40	Ant2	5745	NV	50	-61900.00	-11.812977	20	PASS
			NV	-30	-70900.00	-12.341166	20	PASS
			NV	-20	-70900.00	-12.341166	20	PASS
			NV	-10	-70900.00	-12.341166	20	PASS
			NV	0	-70900.00	-12.341166	20	PASS
			NV	10	-70900.00	-12.341166	20	PASS
			NV	20	-71900.00	-12.515231	20	PASS
			NV	30	-71900.00	-12.515231	20	PASS
			NV	40	-71900.00	-12.515231	20	PASS
			NV	50	-71900.00	-12.515231	20	PASS
		5785	NV	-30	-75900.00	-13.120138	20	PASS
			NV	-20	-75900.00	-13.120138	20	PASS
			NV	-10	-75900.00	-13.120138	20	PASS
			NV	0	-75900.00	-13.120138	20	PASS
			NV	10	-75900.00	-13.120138	20	PASS
			NV	20	-75900.00	-13.120138	20	PASS
			NV	30	-75900.00	-13.120138	20	PASS
			NV	40	-75900.00	-13.120138	20	PASS
			NV	50	-75900.00	-13.120138	20	PASS
		5825	NV	-30	-82900.00	-14.231760	20	PASS
			NV	-20	-82900.00	-14.231760	20	PASS
			NV	-10	-82900.00	-14.231760	20	PASS
			NV	0	-82900.00	-14.231760	20	PASS
			NV	10	-82900.00	-14.231760	20	PASS
			NV	20	-82900.00	-14.231760	20	PASS
			NV	30	-82900.00	-14.231760	20	PASS
			NV	40	-82900.00	-14.231760	20	PASS
			NV	50	-82900.00	-14.231760	20	PASS
		5190	NV	-30	-61900.00	-11.926782	20	PASS
			NV	-20	-61900.00	-11.926782	20	PASS
			NV	-10	-61900.00	-11.926782	20	PASS
			NV	0	-61900.00	-11.926782	20	PASS
			NV	10	-61900.00	-11.926782	20	PASS
			NV	20	-61900.00	-11.926782	20	PASS
			NV	30	-61900.00	-11.926782	20	PASS
			NV	40	-61900.00	-11.926782	20	PASS
			NV	50	-61900.00	-11.926782	20	PASS
		5230	NV	-30	-61900.00	-11.835564	20	PASS
			NV	-20	-61900.00	-11.835564	20	PASS
			NV	-10	-61900.00	-11.835564	20	PASS
			NV	0	-61900.00	-11.835564	20	PASS
			NV	10	-61900.00	-11.835564	20	PASS
			NV	20	-61900.00	-11.835564	20	PASS
			NV	30	-61900.00	-11.835564	20	PASS
			NV	40	-61900.00	-11.835564	20	PASS
			NV	50	-61900.00	-11.835564	20	PASS
		5755	NV	-30	-77900.00	-13.536056	20	PASS
			NV	-20	-77900.00	-13.536056	20	PASS
			NV	-10	-77900.00	-13.536056	20	PASS
			NV	0	-77900.00	-13.536056	20	PASS
			NV	10	-77900.00	-13.536056	20	PASS
			NV	20	-77900.00	-13.536056	20	PASS
			NV	30	-77900.00	-13.536056	20	PASS
			NV	40	-77900.00	-13.536056	20	PASS

IEEE 802.11ac VHT80	Ant2	5795	NV	50	-77900.00	-13.536056	20	PASS
			NV	-30	-74900.00	-12.924935	20	PASS
			NV	-20	-74900.00	-12.924935	20	PASS
			NV	-10	-74900.00	-12.924935	20	PASS
			NV	0	-74900.00	-12.924935	20	PASS
			NV	10	-74900.00	-12.924935	20	PASS
			NV	20	-74900.00	-12.924935	20	PASS
			NV	30	-74900.00	-12.924935	20	PASS
			NV	40	-74900.00	-12.924935	20	PASS
			NV	50	-74900.00	-12.924935	20	PASS
		5210	NV	-30	-61900.00	-11.880998	20	PASS
			NV	-20	-61900.00	-11.880998	20	PASS
			NV	-10	-61900.00	-11.880998	20	PASS
			NV	0	-61900.00	-11.880998	20	PASS
			NV	10	-61900.00	-11.880998	20	PASS
			NV	20	-61900.00	-11.880998	20	PASS
			NV	30	-61900.00	-11.880998	20	PASS
			NV	40	-61900.00	-11.880998	20	PASS
			NV	50	-61900.00	-11.880998	20	PASS
		5775	NV	-30	-67900.00	-11.757576	20	PASS
			NV	-20	-67900.00	-11.757576	20	PASS
			NV	-10	-67900.00	-11.757576	20	PASS
			NV	0	-67900.00	-11.757576	20	PASS
			NV	10	-67900.00	-11.757576	20	PASS
			NV	20	-67900.00	-11.757576	20	PASS
			NV	30	-67900.00	-11.757576	20	PASS
			NV	40	-67900.00	-11.757576	20	PASS
			NV	50	-67900.00	-11.757576	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: 26.9℃.

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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 -----