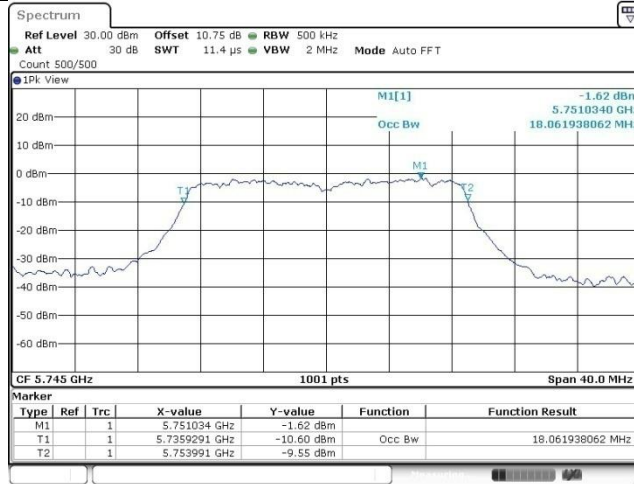
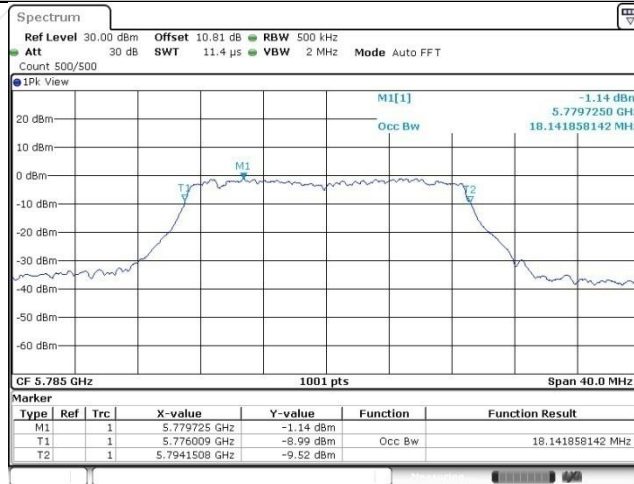


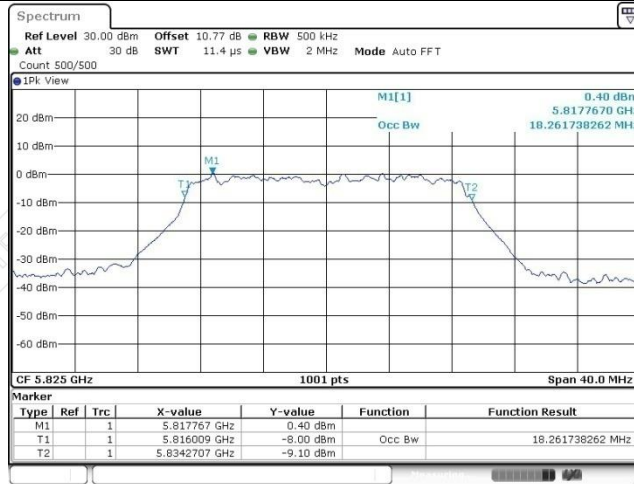
IEEE 802.11n HT20_Ant2_5745MHz



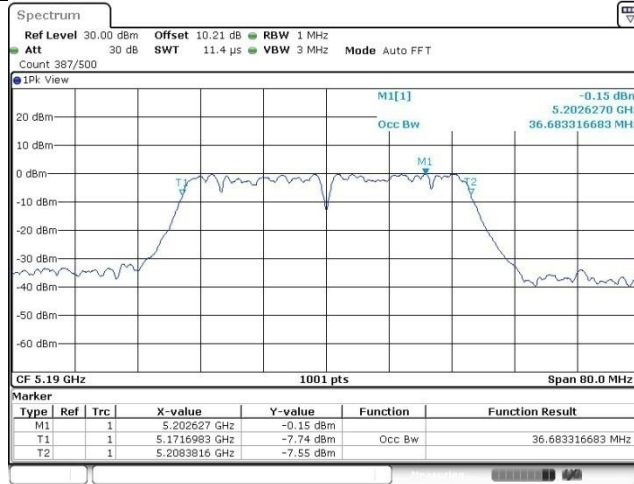
IEEE 802.11n HT20_Ant2_5785MHz



IEEE 802.11n HT20_Ant2_5825MHz

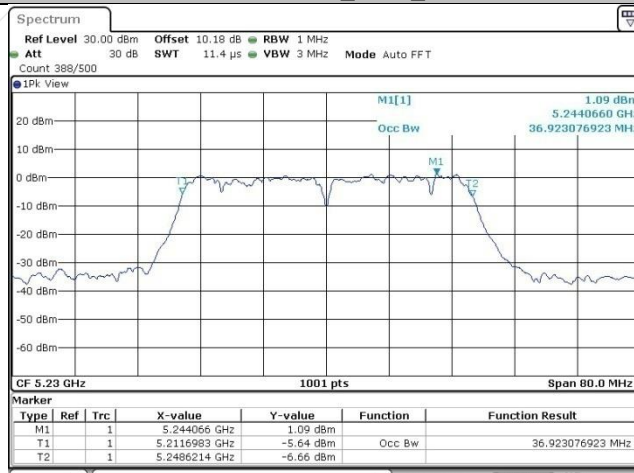


IEEE 802.11n HT40_Ant2_5190MHz



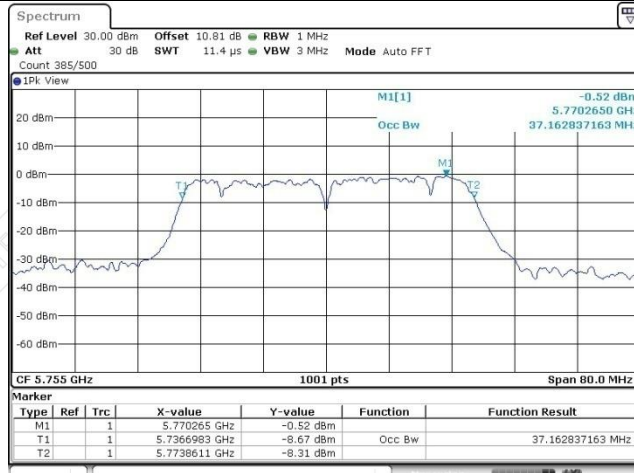
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IEEE 802.11n HT40_Ant2_5230MHz



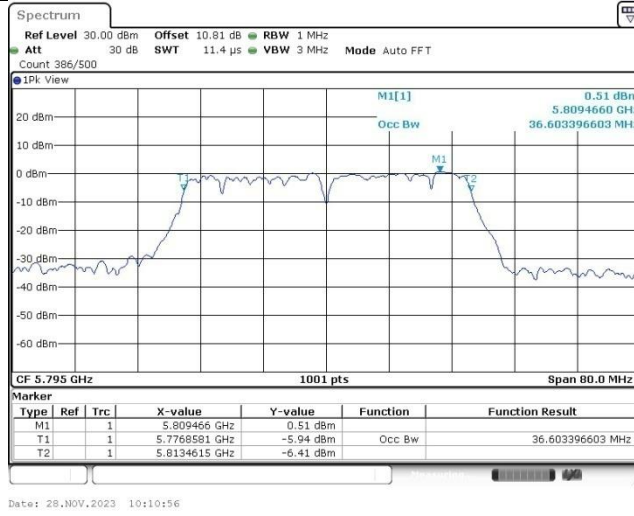
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IEEE 802.11n HT40_Ant2_5755MHz



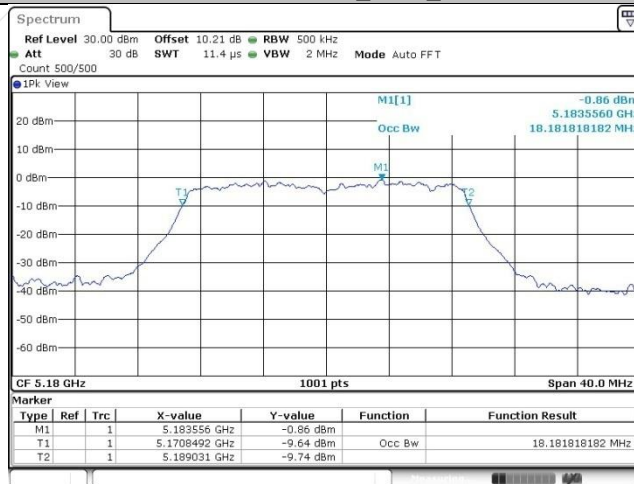
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IEEE 802.11n HT40_Ant2_5795MHz



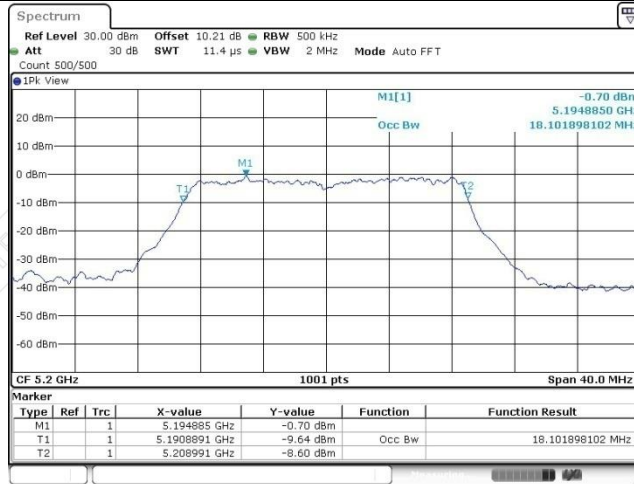
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IEEE 802.11ac VHT20_Ant2_5180MHz



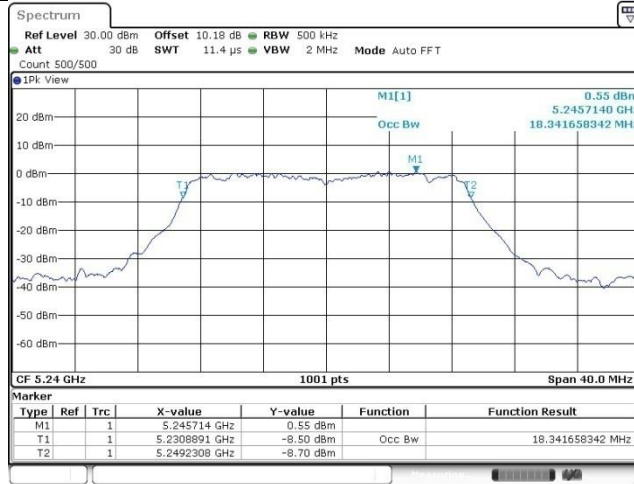
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IEEE 802.11ac VHT20_Ant2_5200MHz



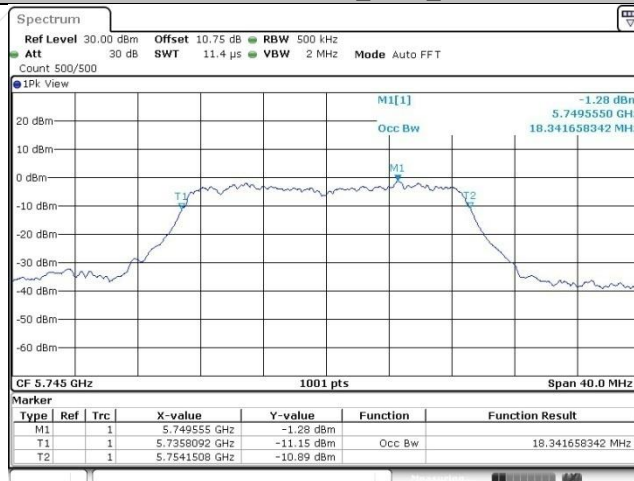
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IEEE 802.11ac VHT20_Ant2_5240MHz



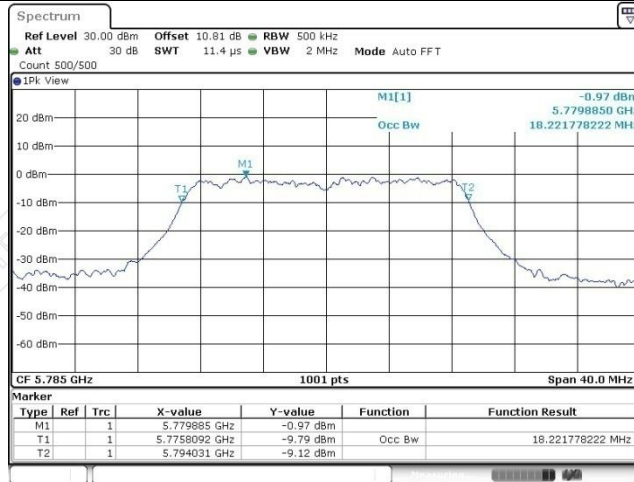
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IEEE 802.11ac VHT20_Ant2_5745MHz



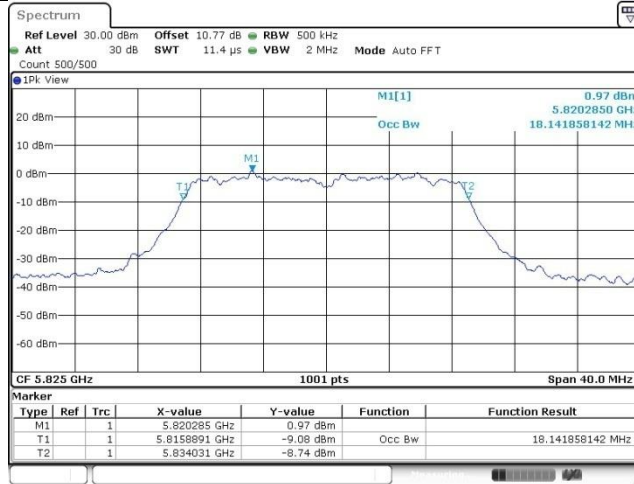
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IEEE 802.11ac VHT20_Ant2_5785MHz

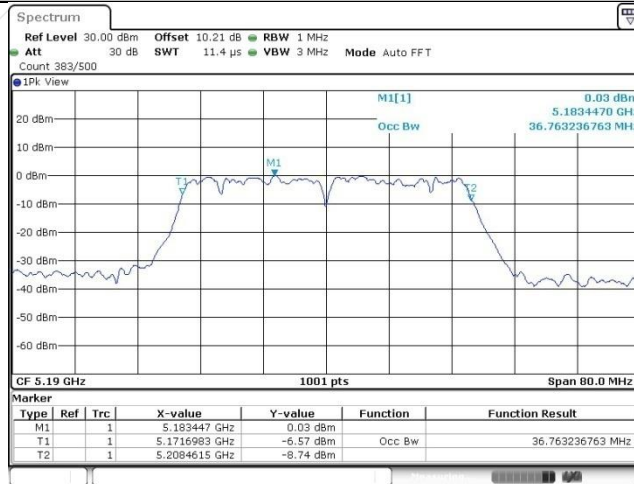


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IEEE 802.11ac VHT20_Ant2_5825MHz



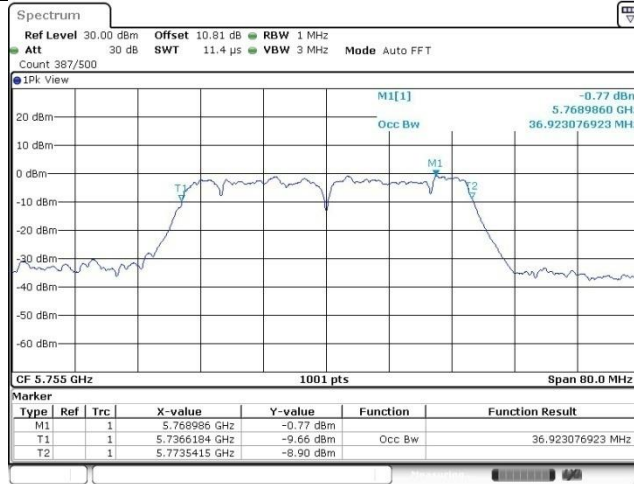
IEEE 802.11ac VHT40_Ant2_5190MHz



IEEE 802.11ac VHT40_Ant2_5230MHz

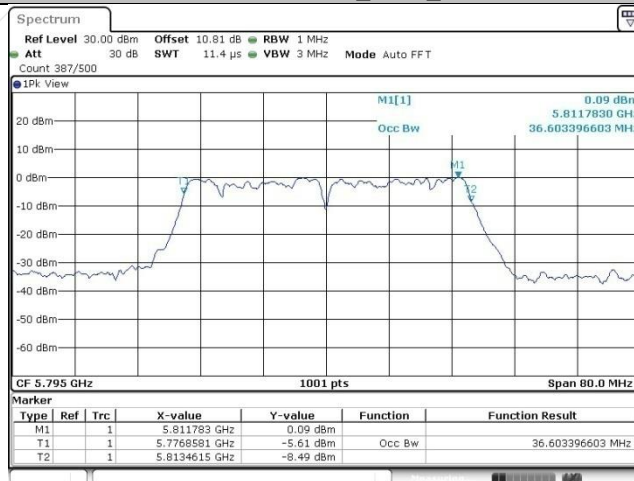


IEEE 802.11ac VHT40_Ant2_5755MHz



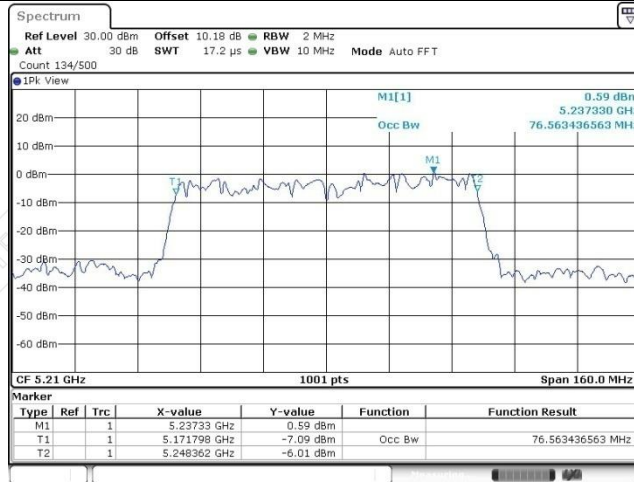
Date: 28.NOV.2023 10:22:39

IEEE 802.11ac VHT40_Ant2_5795MHz

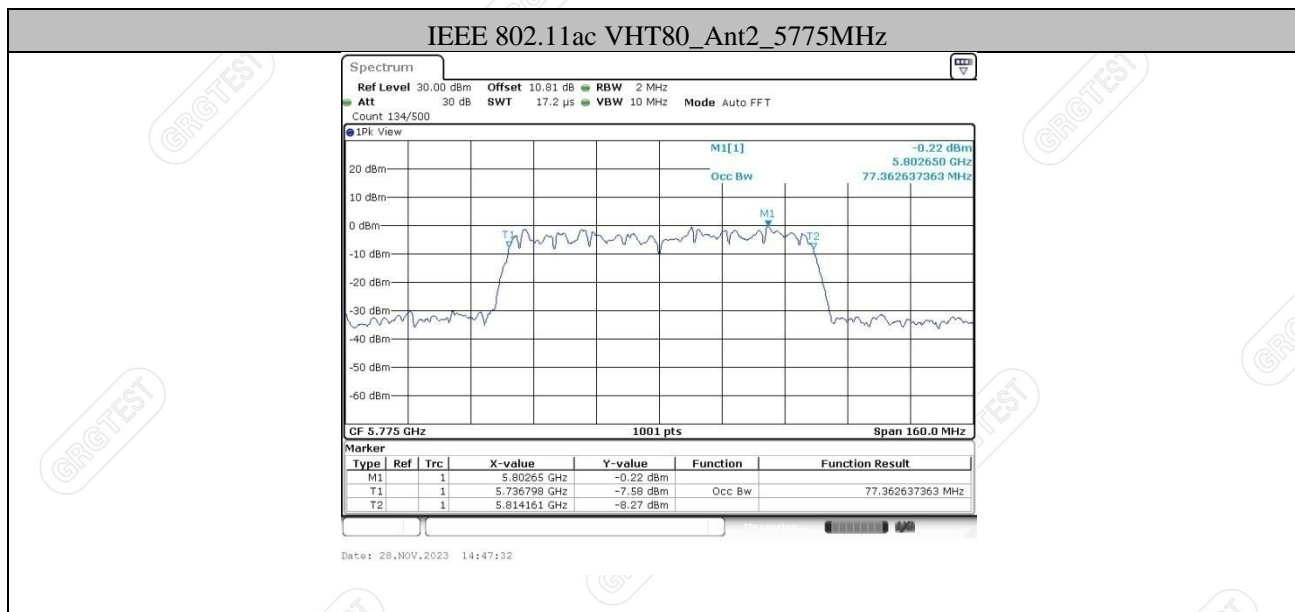


Date: 28.NOV.2023 10:23:45

IEEE 802.11ac VHT80_Ant2_5210MHz



Date: 28.NOV.2023 14:46:27



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8. OUTPUT POWER

8.1 LIMITS

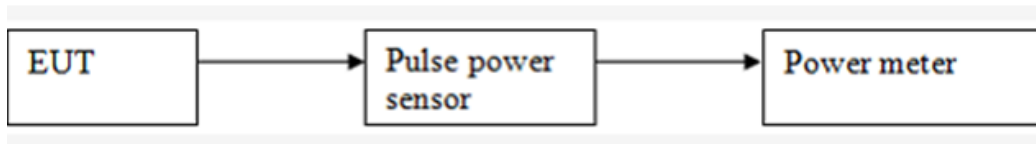
The FCC 15.407(a),The maximum conducted output power should not exceed:

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

- a) 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.
- b) Set to the maximum power setting and enable the EUT transmit continuously.
- c) 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: 26.4°C/61%RH 101.0kPa

Voltage:DC 12V

Tested By: Huang Tianmei

Date: 2023-11-28

U-NII-1:

Test Mode	Antenna	Frequency [MHz]	AVG Conducted Output Power with Duty Factor (dBm)	Limit [dBm]	Verdict
IEEE 802.11a	Ant2	5180	7.90	≤30	PASS
	Ant2	5200	8.74	≤30	PASS
	Ant2	5240	9.28	≤30	PASS
IEEE 802.11n HT20	Ant2	5180	7.88	≤30	PASS
	Ant2	5200	7.87	≤30	PASS
	Ant2	5240	8.93	≤30	PASS
IEEE 802.11n HT40	Ant2	5190	8.64	≤30	PASS
	Ant2	5230	9.54	≤30	PASS
IEEE 802.11ac VHT20	Ant2	5180	7.92	≤30	PASS
	Ant2	5200	8.33	≤30	PASS
	Ant2	5240	9.31	≤30	PASS
IEEE 802.11ac VHT40	Ant2	5190	8.45	≤30	PASS
		5230	9.31	≤30	PASS
IEEE 802.11ac VHT80	Ant2	5210	8.25	≤30	PASS

U-NII-3:

Test Mode	Antenna	Frequency [MHz]	AVG Conducted Output Power with Duty Factor (dBm)	Limit [dBm]	Verdict
IEEE 802.11a	Ant2	5745	8.87	≤30	PASS
	Ant2	5785	9.08	≤30	PASS
	Ant2	5825	8.10	≤30	PASS
IEEE 802.11n HT20	Ant2	5745	7.97	≤30	PASS
	Ant2	5785	7.86	≤30	PASS
	Ant2	5825	8.06	≤30	PASS
IEEE 802.11n HT40	Ant2	5755	8.46	≤30	PASS
	Ant2	5795	8.43	≤30	PASS
IEEE 802.11ac VHT20	Ant2	5745	7.83	≤30	PASS
	Ant2	5785	7.87	≤30	PASS
	Ant2	5825	7.97	≤30	PASS
IEEE 802.11ac VHT40	Ant2	5755	8.28	≤30	PASS
		5795	8.20	≤30	PASS
IEEE 802.11ac VHT80	Ant2	5775	8.15	≤30	PASS

Note: 1. Result already includes duty factor, 5745MHz~5825MHz antenna gain is 3.66dBi,
5180MHz~5240MHz antenna gain is 2.58dBi

9. POWER SPECTRAL DENSITY

9.1 LIMITS

Section 15.407(a)

The maximum power spectral density should not exceed:

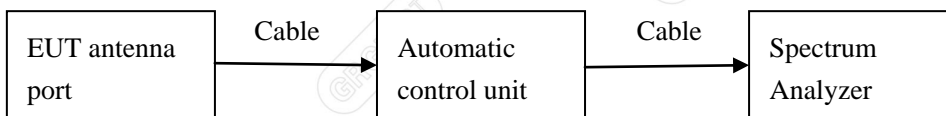
Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	17dBm/MHz
	Indoor Access Point	17dBm/MHz
	Fixed point-to-point Access Point	17dBm/MHz
	Mobile and Portable Client Device	11dBm/MHz
U-NII-3	All Device	30dBm/500kHz

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: 26.4°C/61%RH 101.0kPa

Tested By: Huang Tianmei

Voltage:DC 12V

Date: 2023-11-28

U-NII-1:

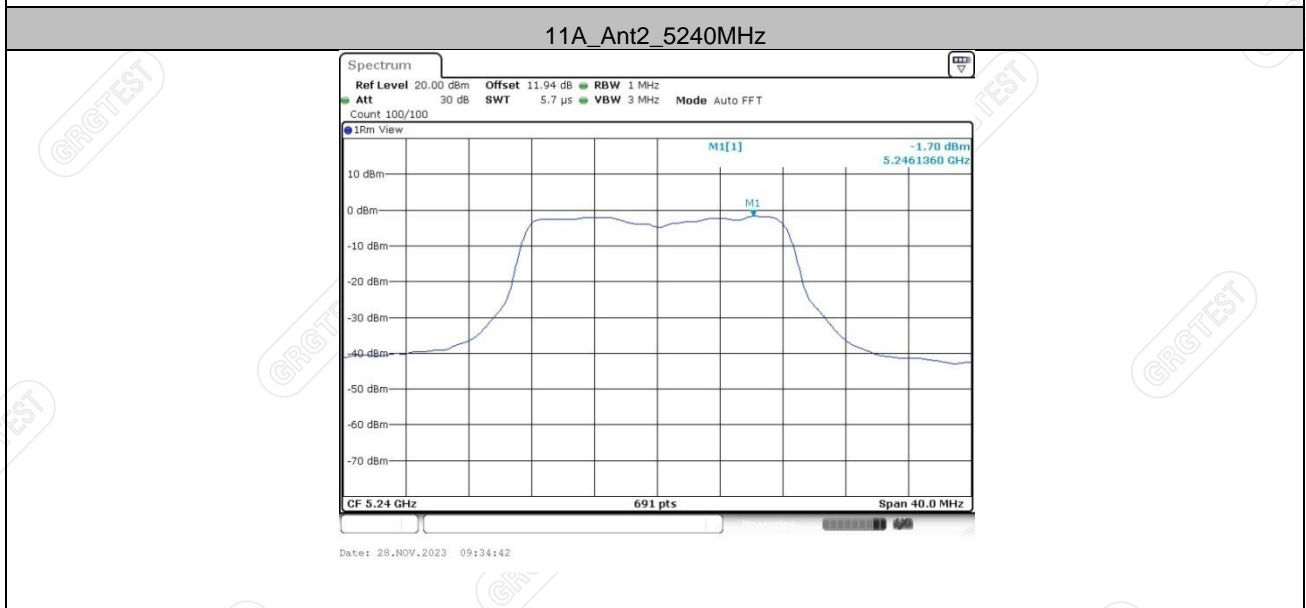
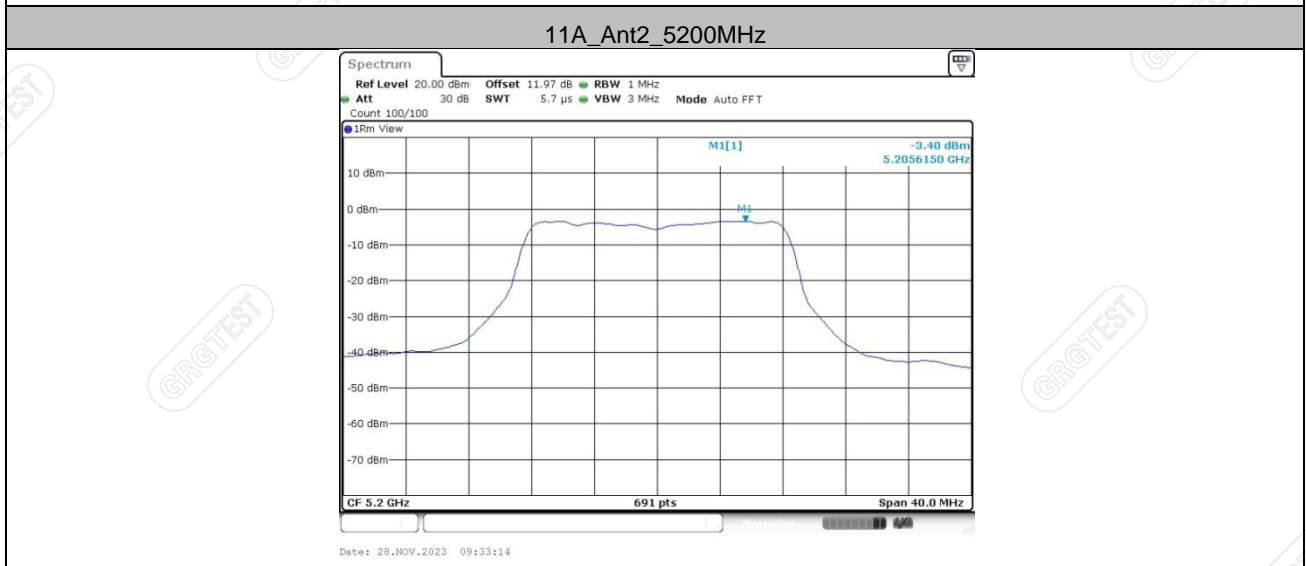
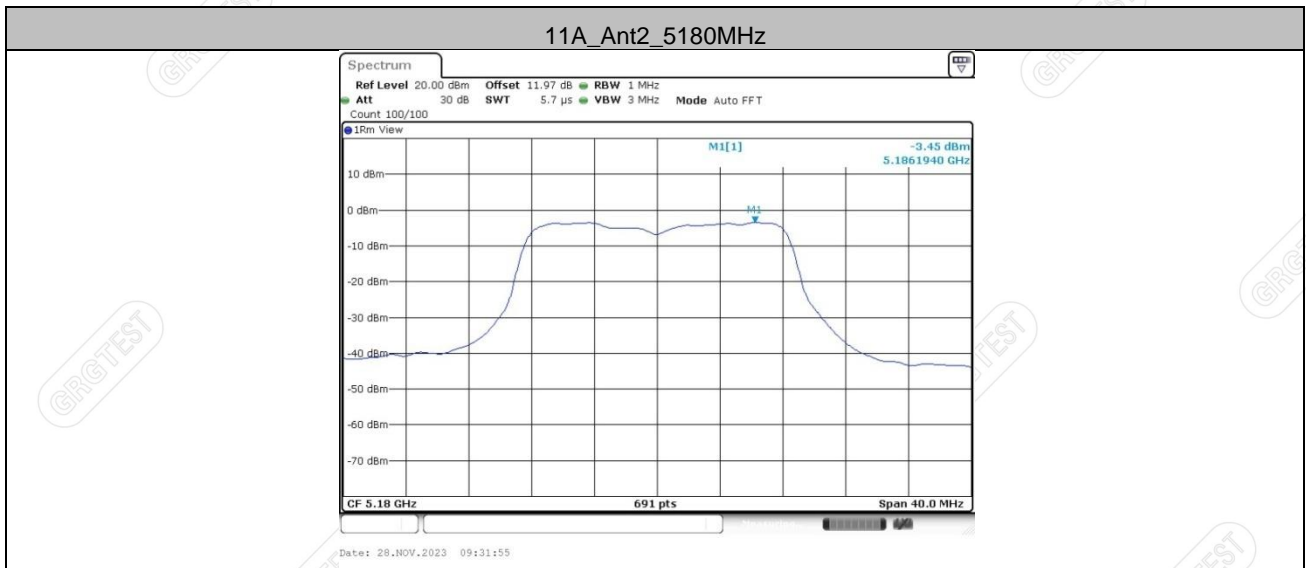
Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
IEEE 802.11a	Ant2	5180	-3.45	≤17	PASS
	Ant2	5200	-3.4	≤17	PASS
	Ant2	5240	-1.7	≤17	PASS
IEEE 802.11n HT20	Ant2	5180	-4.85	≤17	PASS
	Ant2	5200	-3.91	≤17	PASS
	Ant2	5240	-3.37	≤17	PASS
IEEE 802.11n HT40	Ant2	5190	-6.32	≤17	PASS
	Ant2	5230	-5.23	≤17	PASS
IEEE 802.11ac VHT20	Ant2	5180	-5.03	≤17	PASS
	Ant2	5200	-4.47	≤17	PASS
	Ant2	5240	-3.26	≤17	PASS
IEEE 802.11ac VHT40	Ant2	5190	-7.4	≤17	PASS
		5230	-6.1	≤17	PASS
IEEE 802.11ac VHT80	Ant2	5210	-7.77	≤17	PASS

U-NII-3:

Test Mode	Antenna	Frequency [MHz]	Result [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
IEEE 802.11a	Ant2	5745	-7.15	≤30.00	PASS
	Ant2	5785	-6.54	≤30.00	PASS
	Ant2	5825	-5.83	≤30.00	PASS
IEEE 802.11n HT20	Ant2	5745	-8.24	≤30.00	PASS
	Ant2	5785	-7.36	≤30.00	PASS
	Ant2	5825	-6.7	≤30.00	PASS
IEEE 802.11n HT40	Ant2	5755	-10.43	≤30.00	PASS
	Ant2	5795	-9.71	≤30.00	PASS
IEEE 802.11ac VHT20	Ant2	5745	-8.62	≤30.00	PASS
	Ant2	5785	-7.92	≤30.00	PASS
	Ant2	5825	-7.18	≤30.00	PASS
IEEE 802.11ac VHT20	Ant2	5755	-10.27	≤30.00	PASS
		5795	-10.11	≤30.00	PASS
IEEE 802.11ac VHT80	Ant2	5775	-11.3	≤30.00	PASS

Note: 1. Result already includes duty factor, 5745 MHz~5825 MHz antenna gain is 3.66dBi, 5180 MHz~5240 MHz antenna gain is 2.58dBi

Test Graphs



11A_Ant2_5745MHz



11A_Ant2_5785MHz



11A_Ant2_5825MHz

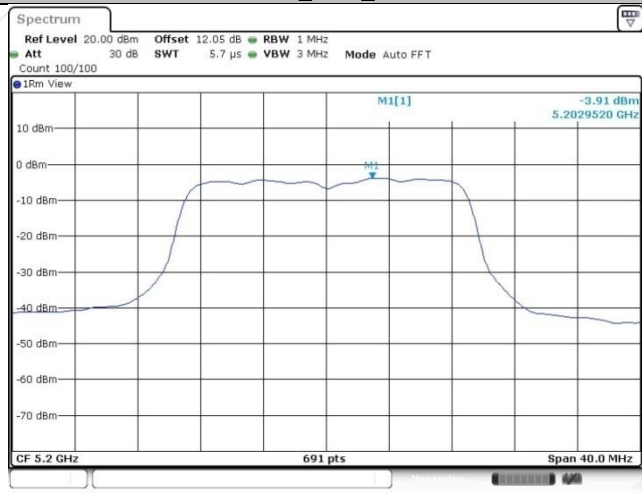


11N20SISO_Ant2_5180MHz



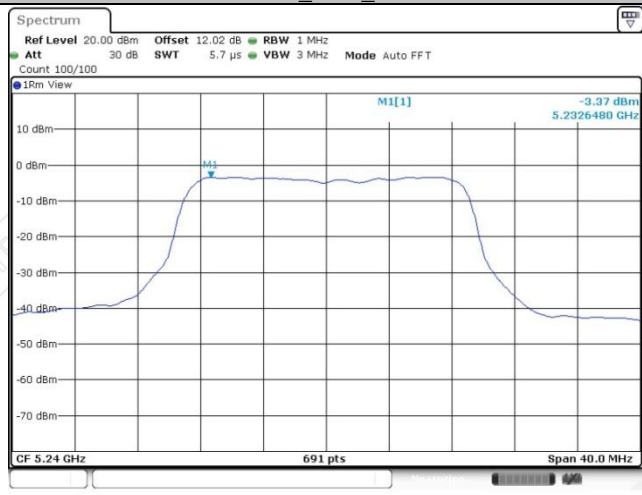
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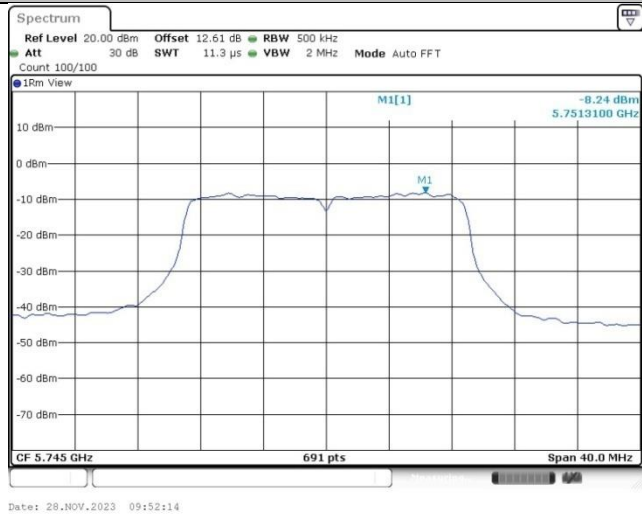
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11N20SISO_Ant2_5240MHz

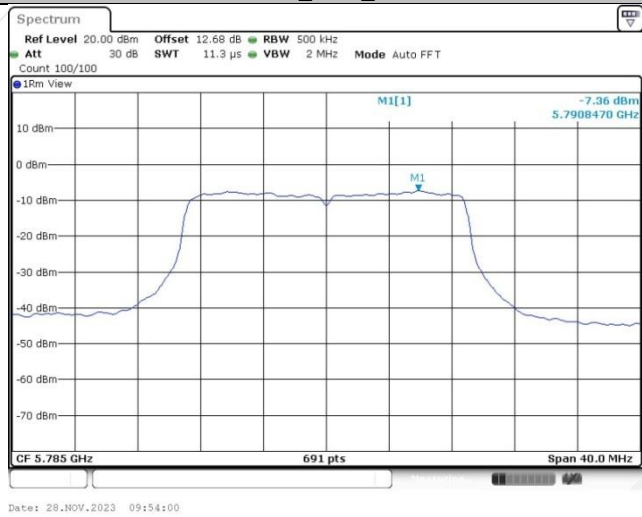


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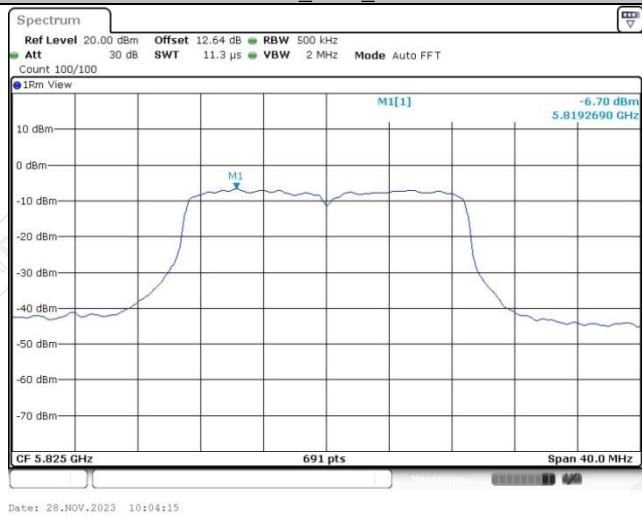
11N20SISO_Ant2_5745MHz



11N20SISO_Ant2_5785MHz



11N20SISO_Ant2_5825MHz

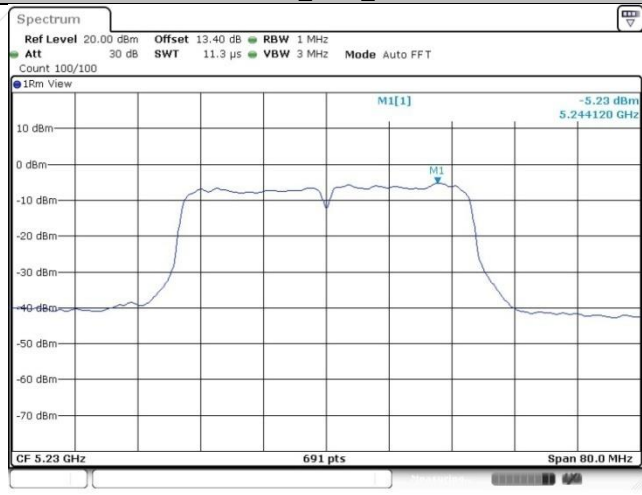


11N40SISO_Ant2_5190MHz



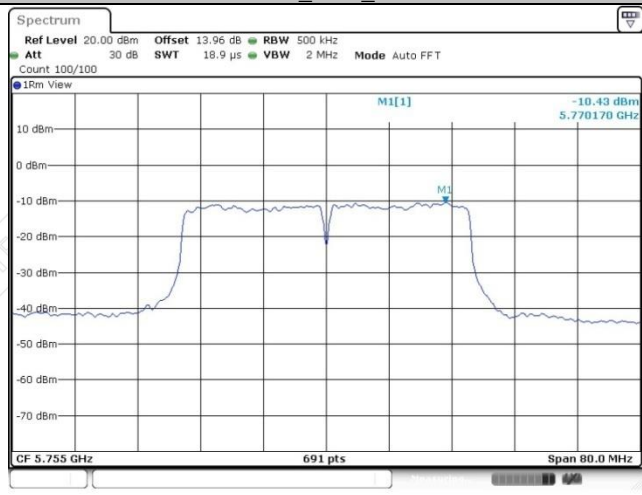
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11N40SISO_Ant2_5230MHz



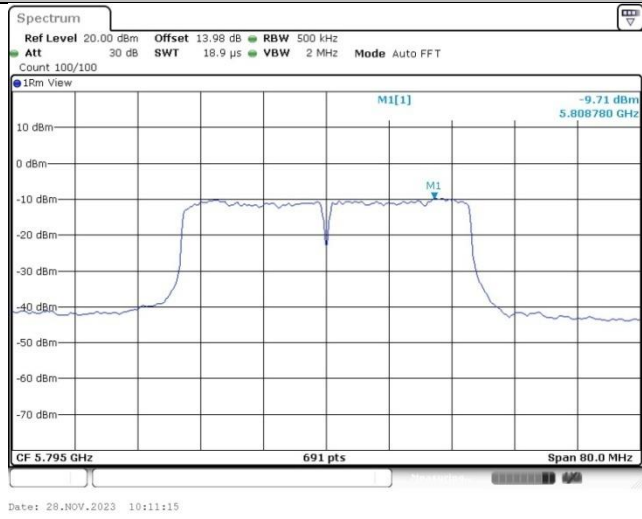
Date: 28.NOV.2023 10:07:47

11N40SISO_Ant2_5755MHz



Date: 28.NOV.2023 10:09:34

11N40SISO_Ant2_5795MHz



11AC20SISO_Ant2_5180MHz



11AC20SISO_Ant2_5200MHz

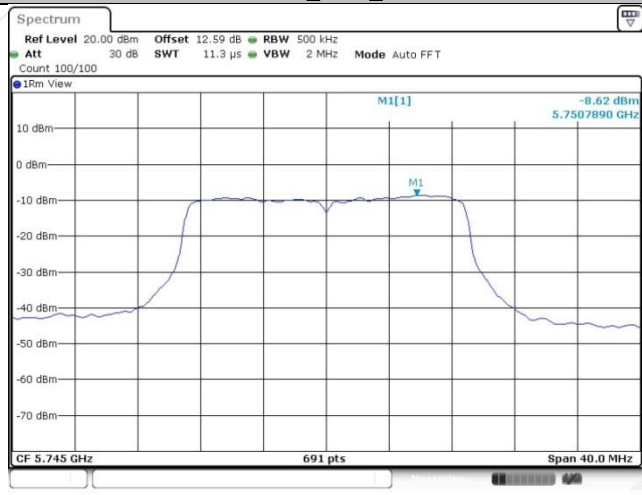


11AC20SISO_Ant2_5240MHz



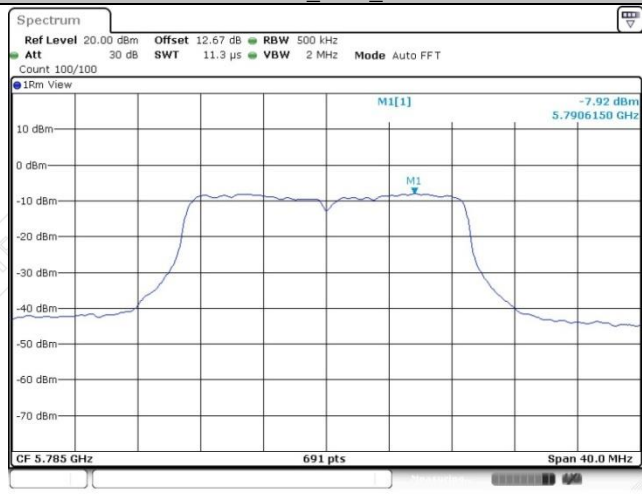
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11AC20SISO_Ant2_5745MHz

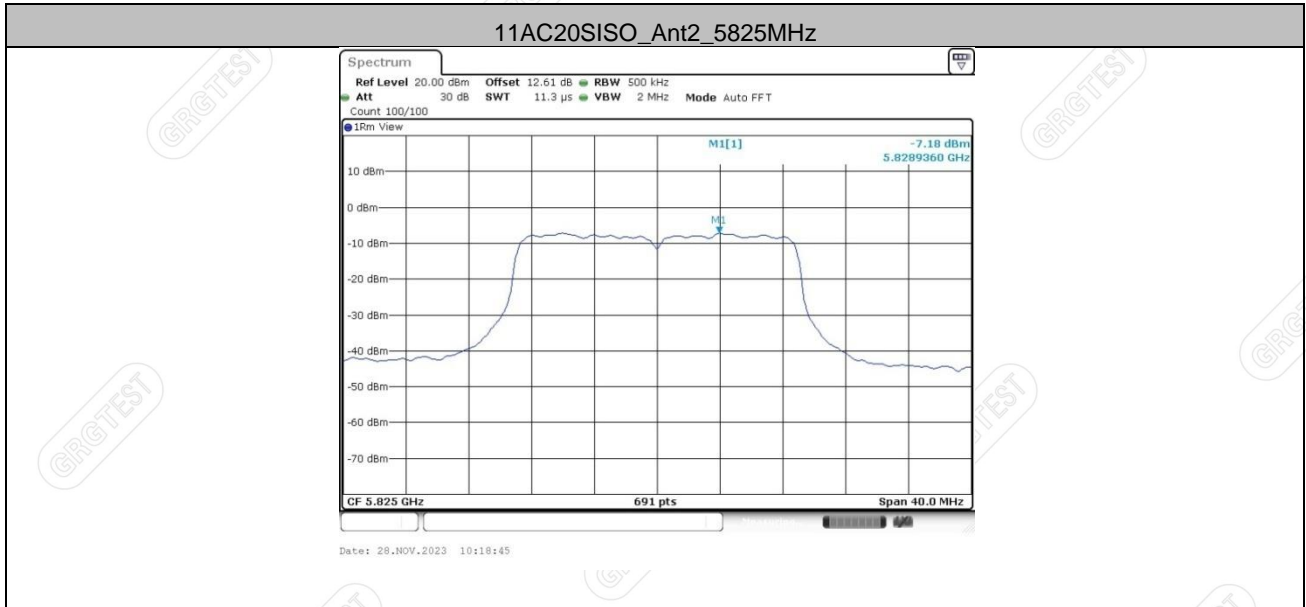


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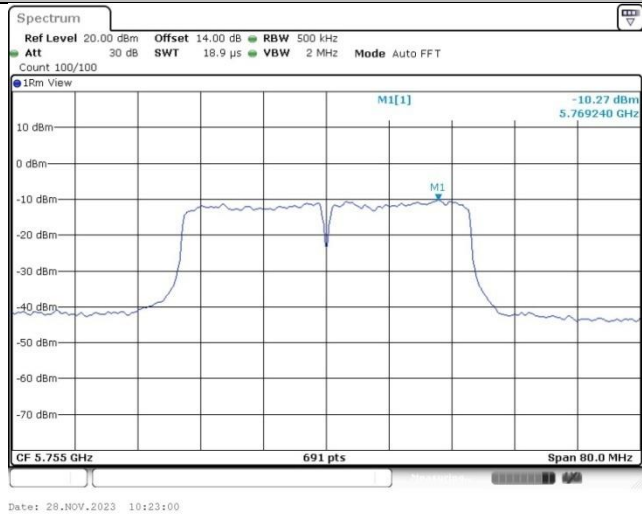
11AC20SISO_Ant2_5785MHz



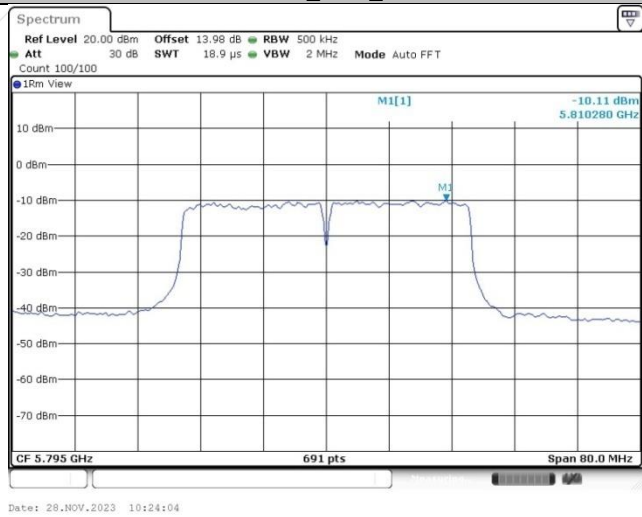
Date: 28.NOV.2023 10:17:37



11AC40SISO_Ant2_5755MHz

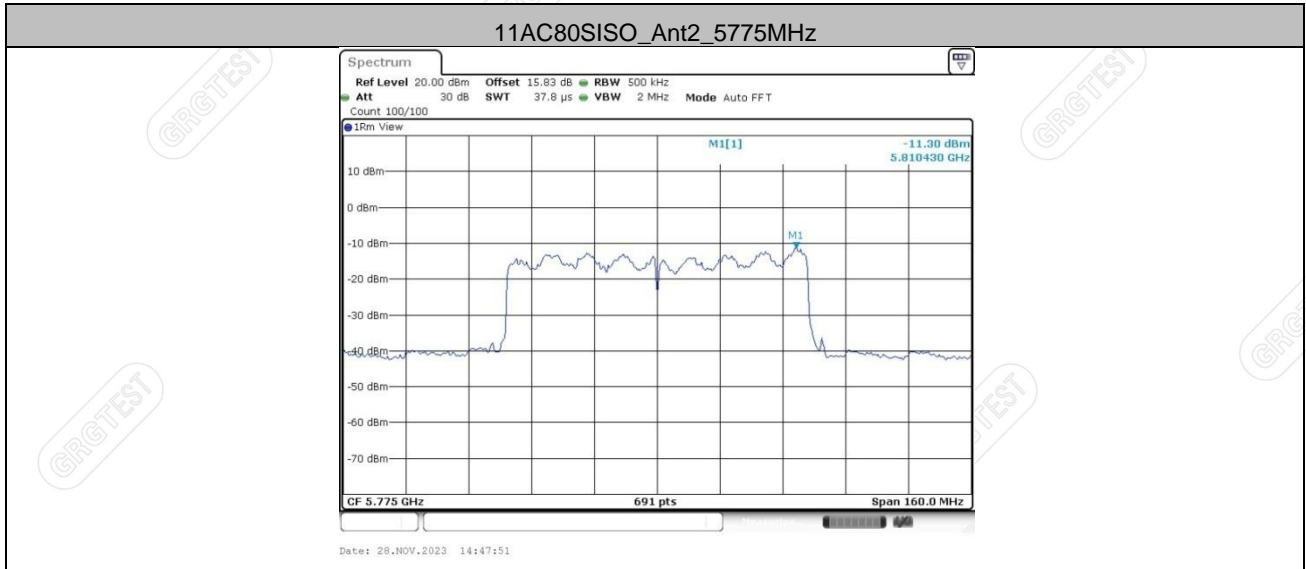


11AC40SISO_Ant2_5795MHz



11AC80SISO_Ant2_5210MHz





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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.

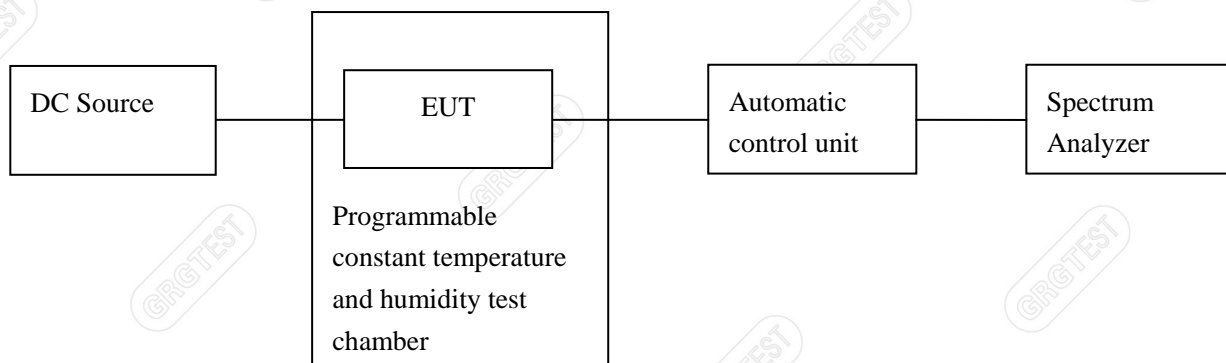
- c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).
- d) Turn 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/61%RH 101.0kPa
 Tested By: Huang Tianmei

Voltage:DC 12V
 Date: 2023-11-28

TestMode	Antenna	Freq (MHz)	Voltage				Limit (ppm)	Verdict		
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)				
IEEE 802.11a	Ant2	5180	NV	NT	1000.00	0.193050	20	PASS		
			LV	NT	1000.00	0.193050	20	PASS		
			HV	NT	2000.00	0.386100	20	PASS		
		5200	NV	NT	0.00	0.000000	20	PASS		
			LV	NT	2000.00	0.384615	20	PASS		
			HV	NT	2000.00	0.384615	20	PASS		
		5240	NV	NT	1000.00	0.190840	20	PASS		
			LV	NT	3000.00	0.572519	20	PASS		
			HV	NT	3000.00	0.572519	20	PASS		
		5745	NV	NT	0.00	0.000000	20	PASS		
			LV	NT	2000.00	0.348129	20	PASS		
			HV	NT	2000.00	0.348129	20	PASS		
		5785	NV	NT	0.00	0.000000	20	PASS		
			LV	NT	1000.00	0.172861	20	PASS		
			HV	NT	1000.00	0.172861	20	PASS		
		5825	NV	NT	0.00	0.000000	20	PASS		
			LV	NT	-3000.00	-0.515021	20	PASS		
			HV	NT	2000.00	0.343348	20	PASS		
		IEEE 802.11n HT20	Ant2	5180	NV	NT	2000.00	0.386100	20	PASS
					LV	NT	2000.00	0.386100	20	PASS
					HV	NT	2000.00	0.386100	20	PASS
				5200	NV	NT	3000.00	0.576923	20	PASS
					LV	NT	4000.00	0.769231	20	PASS
					HV	NT	4000.00	0.769231	20	PASS
5240	NV			NT	5000.00	0.954198	20	PASS		
	LV			NT	4000.00	0.763359	20	PASS		
	HV			NT	4000.00	0.763359	20	PASS		
5745	NV			NT	2000.00	0.348129	20	PASS		
	LV			NT	2000.00	0.348129	20	PASS		
	HV			NT	2000.00	0.348129	20	PASS		
5785	NV			NT	2000.00	0.345722	20	PASS		
	LV			NT	-2000.00	-0.345722	20	PASS		
	HV			NT	2000.00	0.345722	20	PASS		

		5825	NV	NT	2000.00	0.343348	20	PASS
			LV	NT	2000.00	0.343348	20	PASS
			HV	NT	2000.00	0.343348	20	PASS
IEEE 802.11n HT40	Ant2	5190	NV	NT	1000.00	0.192678	20	PASS
			LV	NT	3000.00	0.578035	20	PASS
			HV	NT	4000.00	0.770713	20	PASS
		5230	NV	NT	2000.00	0.382409	20	PASS
			LV	NT	5000.00	0.956023	20	PASS
			HV	NT	5000.00	0.956023	20	PASS
		5755	NV	NT	11000.00	1.911381	20	PASS
			LV	NT	9000.00	1.563858	20	PASS
			HV	NT	8000.00	1.390096	20	PASS
		5795	NV	NT	2000.00	0.345125	20	PASS
			LV	NT	2000.00	0.345125	20	PASS
			HV	NT	2000.00	0.345125	20	PASS
IEEE 802.11ac VHT20	Ant2	5180	NV	NT	3000.00	0.579151	20	PASS
			LV	NT	3000.00	0.579151	20	PASS
			HV	NT	3000.00	0.579151	20	PASS
		5200	NV	NT	4000.00	0.769231	20	PASS
			LV	NT	4000.00	0.769231	20	PASS
			HV	NT	4000.00	0.769231	20	PASS
		5240	NV	NT	5000.00	0.954198	20	PASS
			LV	NT	5000.00	0.954198	20	PASS
			HV	NT	5000.00	0.954198	20	PASS
		5745	NV	NT	2000.00	0.348129	20	PASS
			LV	NT	2000.00	0.348129	20	PASS
			HV	NT	2000.00	0.348129	20	PASS
		5785	NV	NT	2000.00	0.345722	20	PASS
			LV	NT	2000.00	0.345722	20	PASS
			HV	NT	2000.00	0.345722	20	PASS
		5825	NV	NT	2000.00	0.343348	20	PASS
			LV	NT	2000.00	0.343348	20	PASS
			HV	NT	2000.00	0.343348	20	PASS
IEEE 802.11ac VH40	Ant2	5190	NV	NT	5000.00	0.963391	20	PASS
			LV	NT	5000.00	0.963391	20	PASS
			HV	NT	5000.00	0.963391	20	PASS
		5230	NV	NT	2000.00	0.382409	20	PASS
			LV	NT	6000.00	1.147228	20	PASS
			HV	NT	6000.00	1.147228	20	PASS
		5755	NV	NT	5000.00	0.868810	20	PASS
			LV	NT	4000.00	0.695048	20	PASS
			HV	NT	4000.00	0.695048	20	PASS

IEEE 802.11ac VHT80	Ant2	5795	NV	NT	1000.00	0.172563	20	PASS
			LV	NT	1000.00	0.172563	20	PASS
			HV	NT	1000.00	0.172563	20	PASS
		5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-4000.00	-0.767754	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5775	NV	NT	-4000.00	-0.692641	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
IEEE 802.11a	Ant2	5180	NV	-30	2000.00	0.386100	20	PASS
			NV	-20	2000.00	0.386100	20	PASS
			NV	-10	2000.00	0.386100	20	PASS
			NV	0	2000.00	0.386100	20	PASS
			NV	10	2000.00	0.386100	20	PASS
			NV	20	2000.00	0.386100	20	PASS
			NV	30	2000.00	0.386100	20	PASS
			NV	40	2000.00	0.386100	20	PASS
			NV	50	2000.00	0.386100	20	PASS
		5200	NV	-30	3000.00	0.576923	20	PASS
			NV	-20	3000.00	0.576923	20	PASS
			NV	-10	3000.00	0.576923	20	PASS
			NV	0	3000.00	0.576923	20	PASS
			NV	10	3000.00	0.576923	20	PASS
			NV	20	3000.00	0.576923	20	PASS
			NV	30	3000.00	0.576923	20	PASS
			NV	40	3000.00	0.576923	20	PASS
			NV	50	3000.00	0.576923	20	PASS
		5240	NV	-30	4000.00	0.763359	20	PASS
			NV	-20	4000.00	0.763359	20	PASS
			NV	-10	4000.00	0.763359	20	PASS
			NV	0	4000.00	0.763359	20	PASS
			NV	10	4000.00	0.763359	20	PASS
			NV	20	4000.00	0.763359	20	PASS
			NV	30	4000.00	0.763359	20	PASS
			NV	40	4000.00	0.763359	20	PASS
			NV	50	4000.00	0.763359	20	PASS
		5745	NV	-30	2000.00	0.348129	20	PASS
			NV	-20	2000.00	0.348129	20	PASS

			NV	-10	2000.00	0.348129	20	PASS		
			NV	0	2000.00	0.348129	20	PASS		
			NV	10	2000.00	0.348129	20	PASS		
			NV	20	2000.00	0.348129	20	PASS		
			NV	30	-2000.00	-0.348129	20	PASS		
			NV	40	2000.00	0.348129	20	PASS		
		5785	NV	50	2000.00	0.348129	20	PASS		
			NV	-30	1000.00	0.172861	20	PASS		
			NV	-20	-2000.00	-0.345722	20	PASS		
			NV	-10	2000.00	0.345722	20	PASS		
			NV	0	2000.00	0.345722	20	PASS		
			NV	10	2000.00	0.345722	20	PASS		
			NV	20	-2000.00	-0.345722	20	PASS		
			NV	30	2000.00	0.345722	20	PASS		
			NV	40	2000.00	0.345722	20	PASS		
			NV	50	2000.00	0.345722	20	PASS		
		5825	NV	-30	2000.00	0.343348	20	PASS		
			NV	-20	2000.00	0.343348	20	PASS		
			NV	-10	2000.00	0.343348	20	PASS		
			NV	0	2000.00	0.343348	20	PASS		
			NV	10	2000.00	0.343348	20	PASS		
			NV	20	2000.00	0.343348	20	PASS		
			NV	30	2000.00	0.343348	20	PASS		
			NV	40	2000.00	0.343348	20	PASS		
		IEEE 802.11n HT20	Ant2	5180	NV	50	2000.00	0.343348	20	PASS
					NV	-30	2000.00	0.386100	20	PASS
					NV	-20	2000.00	0.386100	20	PASS
					NV	-10	2000.00	0.386100	20	PASS
					NV	0	2000.00	0.386100	20	PASS
					NV	10	2000.00	0.386100	20	PASS
					NV	20	2000.00	0.386100	20	PASS
					NV	30	3000.00	0.579151	20	PASS
				5200	NV	40	2000.00	0.386100	20	PASS
					NV	50	2000.00	0.386100	20	PASS
					NV	-30	4000.00	0.769231	20	PASS
					NV	-20	4000.00	0.769231	20	PASS
NV	-10				4000.00	0.769231	20	PASS		
NV	0				0.00	0.000000	20	PASS		
NV	10	4000.00	0.769231	20	PASS					
NV	20	0.00	0.000000	20	PASS					
NV	30	4000.00	0.769231	20	PASS					
NV	40	4000.00	0.769231	20	PASS					

		5240	NV	50	4000.00	0.769231	20	PASS
			NV	-30	5000.00	0.954198	20	PASS
			NV	-20	4000.00	0.763359	20	PASS
			NV	-10	5000.00	0.954198	20	PASS
			NV	0	4000.00	0.763359	20	PASS
			NV	10	5000.00	0.954198	20	PASS
			NV	20	5000.00	0.954198	20	PASS
			NV	30	5000.00	0.954198	20	PASS
			NV	40	4000.00	0.763359	20	PASS
			NV	50	5000.00	0.954198	20	PASS
		5745	NV	-30	2000.00	0.348129	20	PASS
			NV	-20	2000.00	0.348129	20	PASS
			NV	-10	2000.00	0.348129	20	PASS
			NV	0	2000.00	0.348129	20	PASS
			NV	10	2000.00	0.348129	20	PASS
			NV	20	2000.00	0.348129	20	PASS
			NV	30	2000.00	0.348129	20	PASS
			NV	40	-2000.00	-0.348129	20	PASS
		5785	NV	50	2000.00	0.348129	20	PASS
			NV	-30	2000.00	0.345722	20	PASS
			NV	-20	2000.00	0.345722	20	PASS
			NV	-10	2000.00	0.345722	20	PASS
			NV	0	2000.00	0.345722	20	PASS
			NV	10	2000.00	0.345722	20	PASS
			NV	20	2000.00	0.345722	20	PASS
			NV	30	2000.00	0.345722	20	PASS
		5825	NV	40	2000.00	0.345722	20	PASS
			NV	50	-2000.00	-0.345722	20	PASS
			NV	-30	2000.00	0.343348	20	PASS
			NV	-20	2000.00	0.343348	20	PASS
			NV	-10	2000.00	0.343348	20	PASS
			NV	0	2000.00	0.343348	20	PASS
			NV	10	2000.00	0.343348	20	PASS
			NV	20	2000.00	0.343348	20	PASS
		5190	NV	30	2000.00	0.343348	20	PASS
			NV	40	2000.00	0.343348	20	PASS
			NV	50	-2000.00	-0.343348	20	PASS
			NV	-30	4000.00	0.770713	20	PASS
			NV	-20	5000.00	0.963391	20	PASS
		IEEE 802.11n HT40	Ant2	5190	NV	-10	5000.00	0.963391
NV	0				5000.00	0.963391	20	PASS
NV	10				5000.00	0.963391	20	PASS

			NV	20	5000.00	0.963391	20	PASS		
			NV	30	5000.00	0.963391	20	PASS		
			NV	40	5000.00	0.963391	20	PASS		
			NV	50	5000.00	0.963391	20	PASS		
		5230	NV	-30	6000.00	1.147228	20	PASS		
			NV	-20	5000.00	0.956023	20	PASS		
			NV	-10	6000.00	1.147228	20	PASS		
			NV	0	6000.00	1.147228	20	PASS		
			NV	10	6000.00	1.147228	20	PASS		
			NV	20	6000.00	1.147228	20	PASS		
			NV	30	6000.00	1.147228	20	PASS		
			NV	40	6000.00	1.147228	20	PASS		
			NV	50	6000.00	1.147228	20	PASS		
			5755	NV	-30	7000.00	1.216334	20	PASS	
				NV	-20	7000.00	1.216334	20	PASS	
				NV	-10	6000.00	1.042572	20	PASS	
		NV		0	6000.00	1.042572	20	PASS		
		NV		10	6000.00	1.042572	20	PASS		
		NV		20	5000.00	0.868810	20	PASS		
		NV		30	5000.00	0.868810	20	PASS		
		NV		40	5000.00	0.868810	20	PASS		
		5795	NV	50	5000.00	0.868810	20	PASS		
			NV	-30	2000.00	0.345125	20	PASS		
			NV	-20	1000.00	0.172563	20	PASS		
			NV	-10	1000.00	0.172563	20	PASS		
			NV	0	1000.00	0.172563	20	PASS		
			NV	10	1000.00	0.172563	20	PASS		
			NV	20	1000.00	0.172563	20	PASS		
			NV	30	1000.00	0.172563	20	PASS		
		IEEE 802.11ac VHT20	Ant2	5180	NV	40	1000.00	0.172563	20	PASS
					NV	50	1000.00	0.172563	20	PASS
					NV	-30	2000.00	0.386100	20	PASS
					NV	-20	-1000.00	-0.193050	20	PASS
					NV	-10	3000.00	0.579151	20	PASS
					NV	0	3000.00	0.579151	20	PASS
					NV	10	3000.00	0.579151	20	PASS
					NV	20	3000.00	0.579151	20	PASS
					NV	30	3000.00	0.579151	20	PASS
					NV	40	3000.00	0.579151	20	PASS
		5200	NV	50	3000.00	0.579151	20	PASS		
NV	-30		4000.00	0.769231	20	PASS				
			NV	-20	4000.00	0.769231	20	PASS		

			NV	-10	4000.00	0.769231	20	PASS
			NV	0	4000.00	0.769231	20	PASS
			NV	10	4000.00	0.769231	20	PASS
			NV	20	4000.00	0.769231	20	PASS
			NV	30	4000.00	0.769231	20	PASS
			NV	40	4000.00	0.769231	20	PASS
			NV	50	4000.00	0.769231	20	PASS
		5240	NV	-30	5000.00	0.954198	20	PASS
			NV	-20	5000.00	0.954198	20	PASS
			NV	-10	5000.00	0.954198	20	PASS
			NV	0	5000.00	0.954198	20	PASS
			NV	10	5000.00	0.954198	20	PASS
			NV	20	5000.00	0.954198	20	PASS
			NV	30	5000.00	0.954198	20	PASS
			NV	40	5000.00	0.954198	20	PASS
			NV	50	5000.00	0.954198	20	PASS
		5745	NV	-30	2000.00	0.348129	20	PASS
			NV	-20	2000.00	0.348129	20	PASS
			NV	-10	2000.00	0.348129	20	PASS
			NV	0	2000.00	0.348129	20	PASS
			NV	10	2000.00	0.348129	20	PASS
			NV	20	2000.00	0.348129	20	PASS
			NV	30	2000.00	0.348129	20	PASS
			NV	40	2000.00	0.348129	20	PASS
			NV	50	2000.00	0.348129	20	PASS
		5785	NV	-30	2000.00	0.345722	20	PASS
			NV	-20	2000.00	0.345722	20	PASS
			NV	-10	2000.00	0.345722	20	PASS
			NV	0	2000.00	0.345722	20	PASS
			NV	10	2000.00	0.345722	20	PASS
			NV	20	2000.00	0.345722	20	PASS
			NV	30	2000.00	0.345722	20	PASS
			NV	40	2000.00	0.345722	20	PASS
			NV	50	-2000.00	-0.345722	20	PASS
		5825	NV	-30	2000.00	0.343348	20	PASS
			NV	-20	2000.00	0.343348	20	PASS
			NV	-10	2000.00	0.343348	20	PASS
			NV	0	2000.00	0.343348	20	PASS
			NV	10	2000.00	0.343348	20	PASS
			NV	20	2000.00	0.343348	20	PASS
			NV	30	2000.00	0.343348	20	PASS
			NV	40	2000.00	0.343348	20	PASS

			NV	50	2000.00	0.343348	20	PASS
IEEE 802.11ac VHT40	Ant2	5190	NV	-30	5000.00	0.963391	20	PASS
			NV	-20	5000.00	0.963391	20	PASS
			NV	-10	5000.00	0.963391	20	PASS
			NV	0	5000.00	0.963391	20	PASS
			NV	10	5000.00	0.963391	20	PASS
			NV	20	6000.00	1.156069	20	PASS
			NV	30	5000.00	0.963391	20	PASS
			NV	40	6000.00	1.156069	20	PASS
			NV	50	6000.00	1.156069	20	PASS
		5230	NV	-30	6000.00	1.147228	20	PASS
			NV	-20	6000.00	1.147228	20	PASS
			NV	-10	6000.00	1.147228	20	PASS
			NV	0	6000.00	1.147228	20	PASS
			NV	10	6000.00	1.147228	20	PASS
			NV	20	6000.00	1.147228	20	PASS
			NV	30	6000.00	1.147228	20	PASS
			NV	40	6000.00	1.147228	20	PASS
			NV	50	6000.00	1.147228	20	PASS
		5755	NV	-30	4000.00	0.695048	20	PASS
			NV	-20	4000.00	0.695048	20	PASS
			NV	-10	4000.00	0.695048	20	PASS
			NV	0	3000.00	0.521286	20	PASS
			NV	10	3000.00	0.521286	20	PASS
			NV	20	3000.00	0.521286	20	PASS
			NV	30	3000.00	0.521286	20	PASS
			NV	40	3000.00	0.521286	20	PASS
			NV	50	3000.00	0.521286	20	PASS
		5795	NV	-30	1000.00	0.172563	20	PASS
			NV	-20	1000.00	0.172563	20	PASS
			NV	-10	1000.00	0.172563	20	PASS
			NV	0	1000.00	0.172563	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	1000.00	0.172563	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	1000.00	0.172563	20	PASS
			NV	50	0.00	0.000000	20	PASS
IEEE 802.11ac VHT80	Ant2	5210	NV	-30	-1000.00	-0.191939	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS

			NV	20	-1000.00	-0.191939	20	PASS
			NV	30	-1000.00	-0.191939	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-1000.00	-0.191939	20	PASS
		5775	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	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:DC13.8V.

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

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APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Please refer to the attached document E202309059135-01-20 FCC ISED-Test Photo.

APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E202309059135-01-21 EUT photo.

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