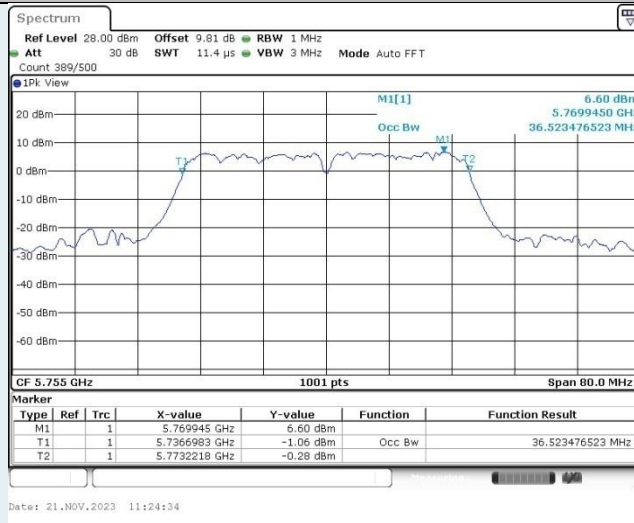
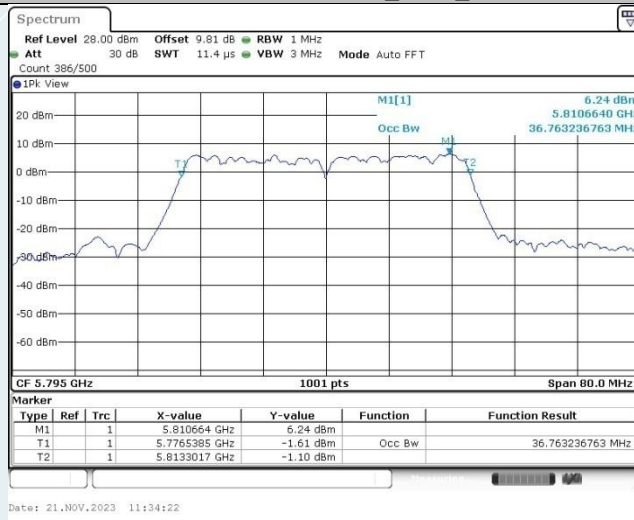


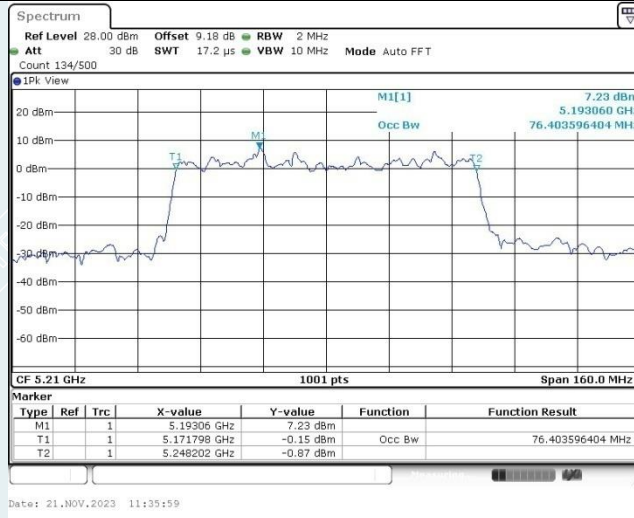
IEEE 802.11ac VHT40_Ant4_5755

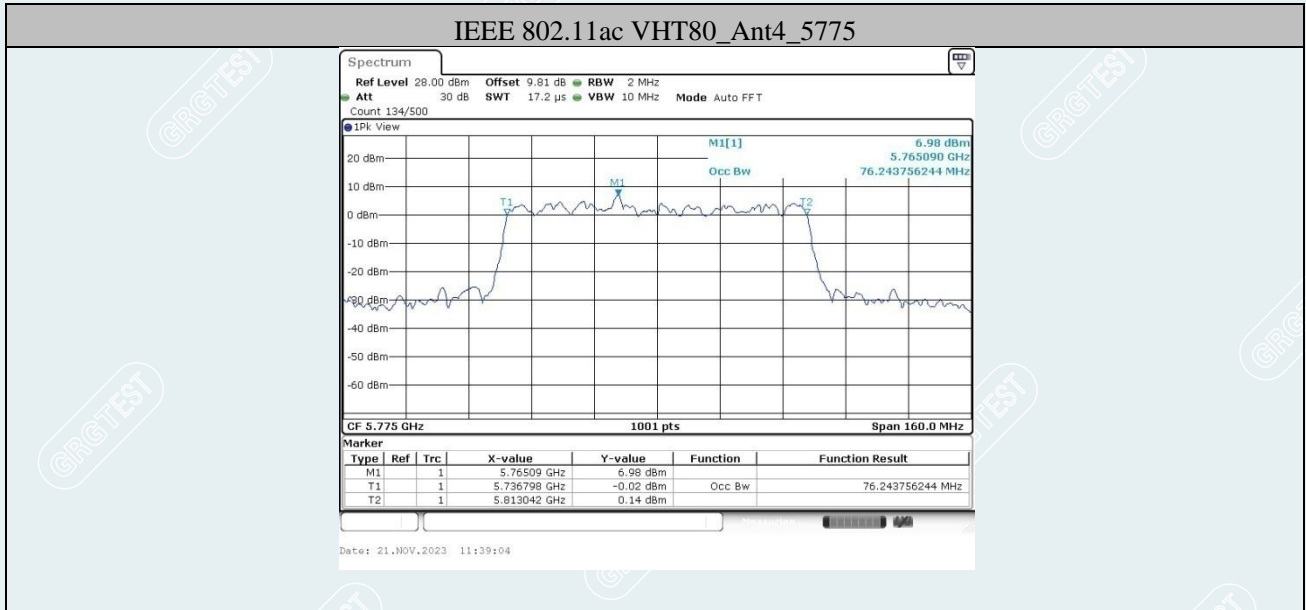


IEEE 802.11ac VHT40_Ant4_5795



IEEE 802.11ac VHT80_Ant4_5210





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9. OUTPUT POWER

9.1 LIMITS

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

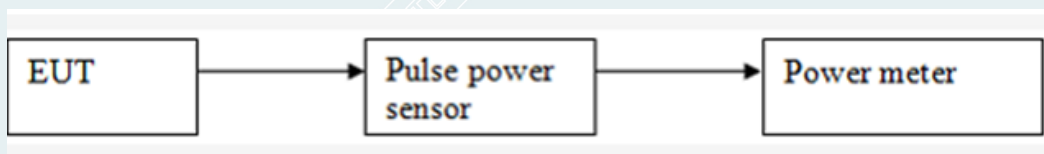
Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	1W(30dBm) (Max. e.i.r.p \leq 125mW at any elevation angle above 30 degrees as measured from the horizon)
	Indoor Access Point	1W(30dBm)
	Fixed point-to-point Access Point	1W(30dBm)
	Mobile and Portable Client Device	250mW(23.98dBm)
U-NII-2A	All Device	250mW(23.98dBm) or 11dBm+10 log ₁₀ B, Which is lesser. (B is 26dB Bandwidth in MHz)
U-NII-2C	All Device	250mW(23.98dBm) or 11dBm+10 log ₁₀ B, Which is lesser. (B is 26dB Bandwidth in MHz)
U-NII-3	All Device	1W(30dBm)

Note: When the 26dB bandwidth is 20MHz, the power limit is 24.01dBm according to Formula 11dBm+10 log₁₀B in the above table. According to the data results of 26dB bandwidth in Section 7, all values are greater than 20MHz, so the power limit of U-NII-2A and U-NII-2C in the above table is 250mW(23.98dBm).

9.2 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.

9.3 TEST SETUP



9.4 TEST RESULTS

Environment: 26.9°C/67%RH 101.0kPa

Voltage: AC 120V/60Hz

Tested By: Huang Tianmei

Date: 2023-11-21

U-NII-1:

Test Mode	Antenna	Frequency [MHz]	AVG Conducted Output Power with Duty Factor (dBm)	Limit [dBm]	Verdict
IEEE 802.11a	Ant4	5180	12.06	≤23.98	PASS
	Ant4	5200	12.21	≤23.98	PASS
	Ant4	5240	12.58	≤23.98	PASS
IEEE 802.11n HT20	Ant4	5180	12.00	≤23.98	PASS
	Ant4	5200	12.23	≤23.98	PASS
	Ant4	5240	12.04	≤23.98	PASS
IEEE 802.11n HT40	Ant4	5190	11.36	≤23.98	PASS
	Ant4	5230	12.64	≤23.98	PASS
IEEE 802.11ac VHT20	Ant4	5180	11.99	≤23.98	PASS
	Ant4	5200	12.41	≤23.98	PASS
	Ant4	5240	12.22	≤23.98	PASS
IEEE 802.11ac VHT40	Ant4	5190	12.02	≤23.98	PASS
		5230	12.33	≤23.98	PASS
IEEE 802.11ac VHT80	Ant4	5210	12.05	≤23.98	PASS

U-NII-3:

Test Mode	Antenna	Frequency [MHz]	AVG Conducted Output Power with Duty Factor (dBm)	Limit [dBm]	Verdict
IEEE 802.11a	Ant4	5745	13.87	≤30	PASS
	Ant4	5785	13.48	≤30	PASS
	Ant4	5825	13.06	≤30	PASS
IEEE 802.11n HT20	Ant4	5745	14.03	≤30	PASS
	Ant4	5785	13.61	≤30	PASS
	Ant4	5825	12.97	≤30	PASS
IEEE 802.11n HT40	Ant4	5755	14.35	≤30	PASS
	Ant4	5795	13.87	≤30	PASS
IEEE 802.11ac VHT20	Ant4	5745	14.31	≤30	PASS
	Ant4	5785	13.87	≤30	PASS
	Ant4	5825	13.32	≤30	PASS
IEEE 802.11ac VHT40	Ant4	5755	14.44	≤30	PASS
		5795	13.89	≤30	PASS
IEEE 802.11ac VHT80	Ant4	5775	12.10	≤30	PASS

Note: 1. Result already includes duty factor, 5745MHz~5825MHz antenna gain is 0.2dBi, 5180MHz~5240MHz antenna gain is 0.5dBi

10. POWER SPECTRAL DENSITY

10.1 LIMITS

Section 15.407(a)

The maximum power spectral density should not exceed:

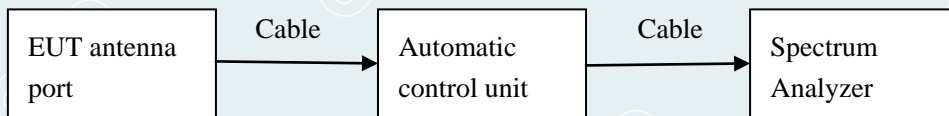
Band	EUT Type	Limit
U-NII-1	Outdoor Access Point	17dBm/MHz
	Indoor Access Point	17dBm/MHz
	Fixed point-to-point Access Point	17dBm/MHz
	Mobile and Portable Client Device	11dBm/MHz
U-NII-2A	All Device	11dBm/MHz
U-NII-2C	All Device	11dBm/MHz
U-NII-3	All Device	30dBm/500kHz

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.

10.2 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

10.3 TEST SETUP



10.4 TEST RESULTS

Environment: 26.9°C/67%RH 101.0kPa
 Tested By: Huang Tianmei

Voltage:AC 120V/60Hz
 Date: 2023-11-21

U-NII-1:

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
IEEE 802.11a	Ant4	5180	1.36	≤11	PASS
	Ant4	5200	1.39	≤11	PASS
	Ant4	5240	0.78	≤11	PASS
IEEE 802.11n HT20	Ant4	5180	0.70	≤11	PASS
	Ant4	5200	0.71	≤11	PASS
	Ant4	5240	0.70	≤11	PASS
IEEE 802.11n HT40	Ant4	5190	-3.01	≤11	PASS
	Ant4	5230	-2.32	≤11	PASS
IEEE 802.11ac VHT20	Ant4	5180	0.91	≤11	PASS
	Ant4	5200	0.92	≤11	PASS
	Ant4	5240	0.66	≤11	PASS
IEEE 802.11ac VHT40	Ant4	5190	-3.40	≤11	PASS
		5230	-2.58	≤11	PASS
IEEE 802.11ac VHT80	Ant4	5210	-4.25	≤11	PASS

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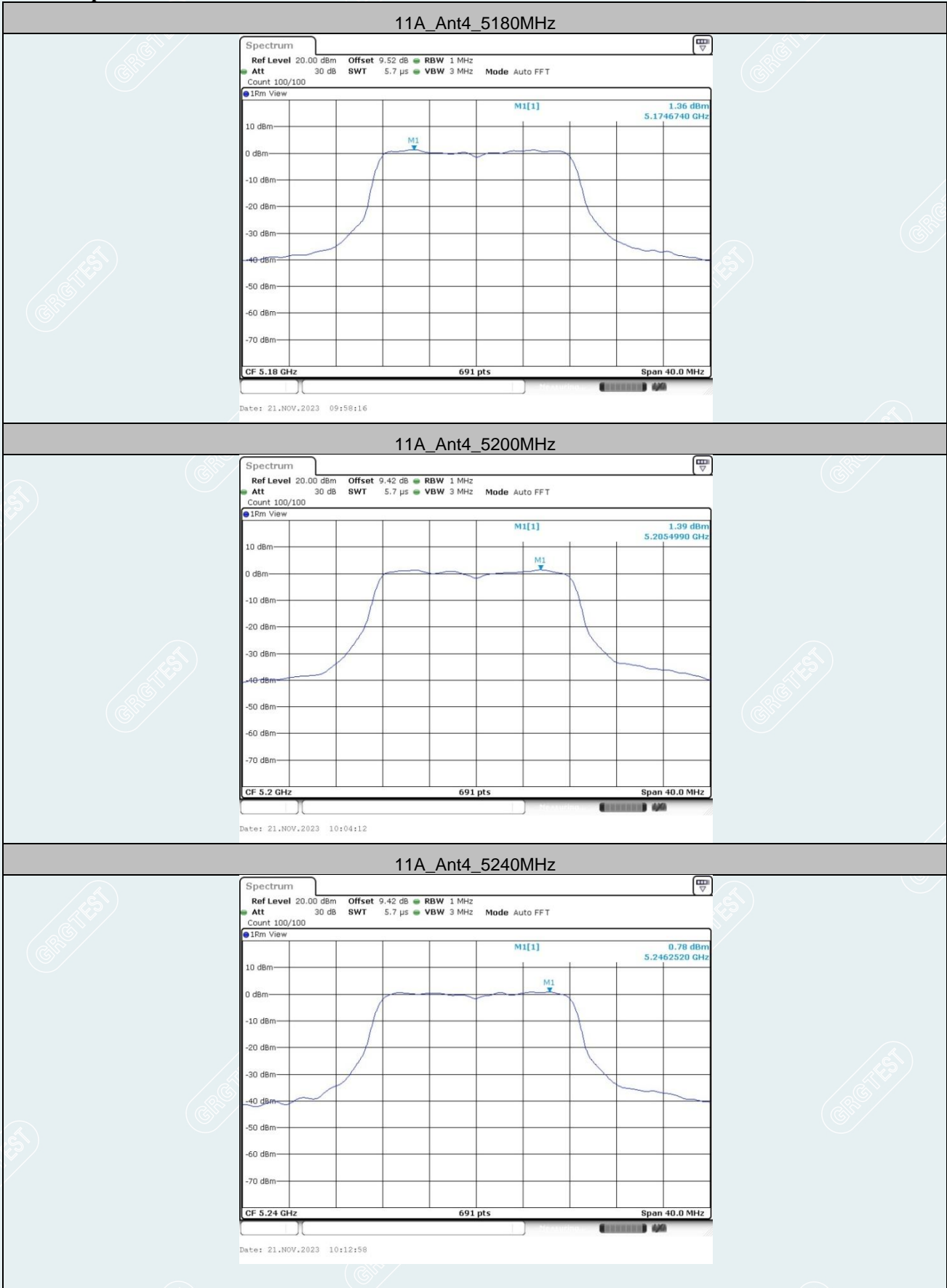
U-NII-3:

Test Mode	Antenna	Frequency [MHz]	Result [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
IEEE 802.11a	Ant4	5745	-0.41	≤30.00	PASS
	Ant4	5785	-1.25	≤30.00	PASS
	Ant4	5825	-0.87	≤30.00	PASS
IEEE 802.11n HT20	Ant4	5745	-1.11	≤30.00	PASS
	Ant4	5785	-1.24	≤30.00	PASS
	Ant4	5825	-1.31	≤30.00	PASS
IEEE 802.11n HT40	Ant4	5755	-3.37	≤30.00	PASS
	Ant4	5795	-4.01	≤30.00	PASS
IEEE 802.11ac VHT20	Ant4	5745	-1.11	≤30.00	PASS
	Ant4	5785	-1.49	≤30.00	PASS
	Ant4	5825	-1.57	≤30.00	PASS
IEEE 802.11ac VHT20	Ant4	5755	-3.78	≤30.00	PASS
		5795	-4.53	≤30.00	PASS
IEEE 802.11ac VHT80	Ant4	5775	-6.88	≤30.00	PASS

Note: 1. Result already includes duty factor, 5745 MHz~5825 MHz antenna gain is 0.2dBi, 5180 MHz~5240 MHz antenna gain is 0.5dBi

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Test Graphs



11A_Ant4_5745MHz

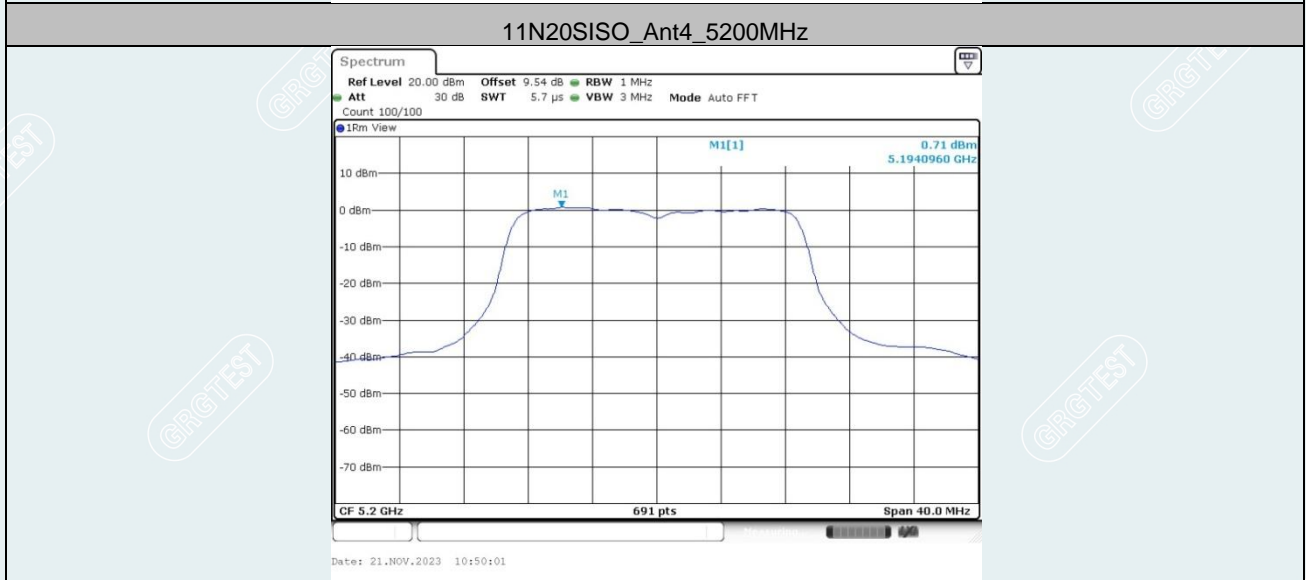
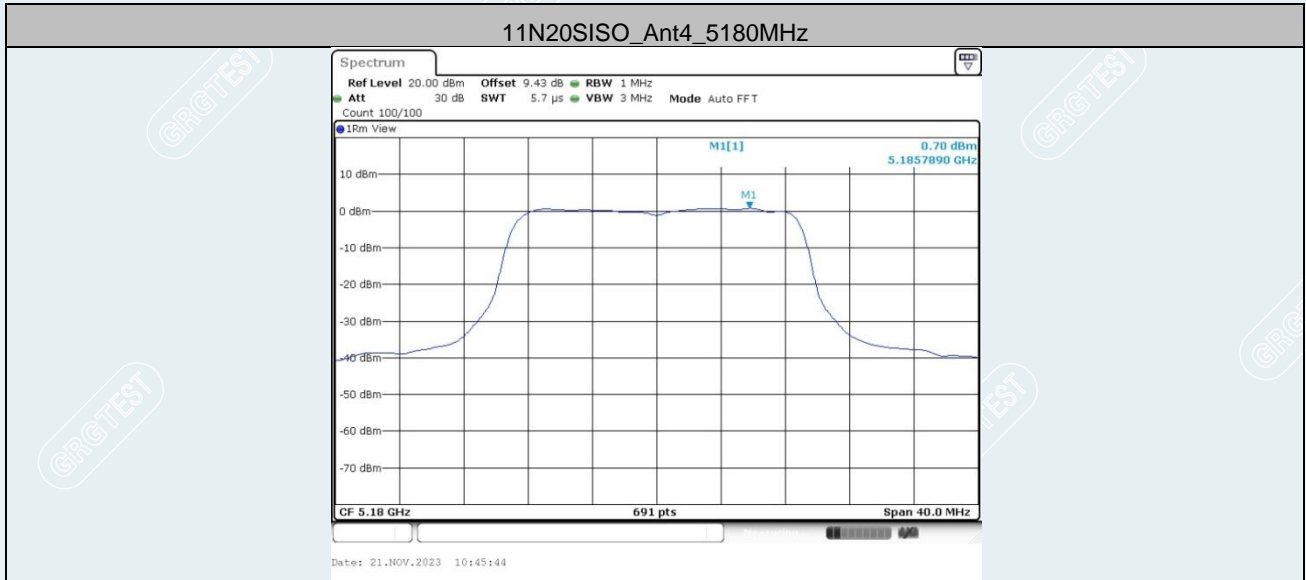


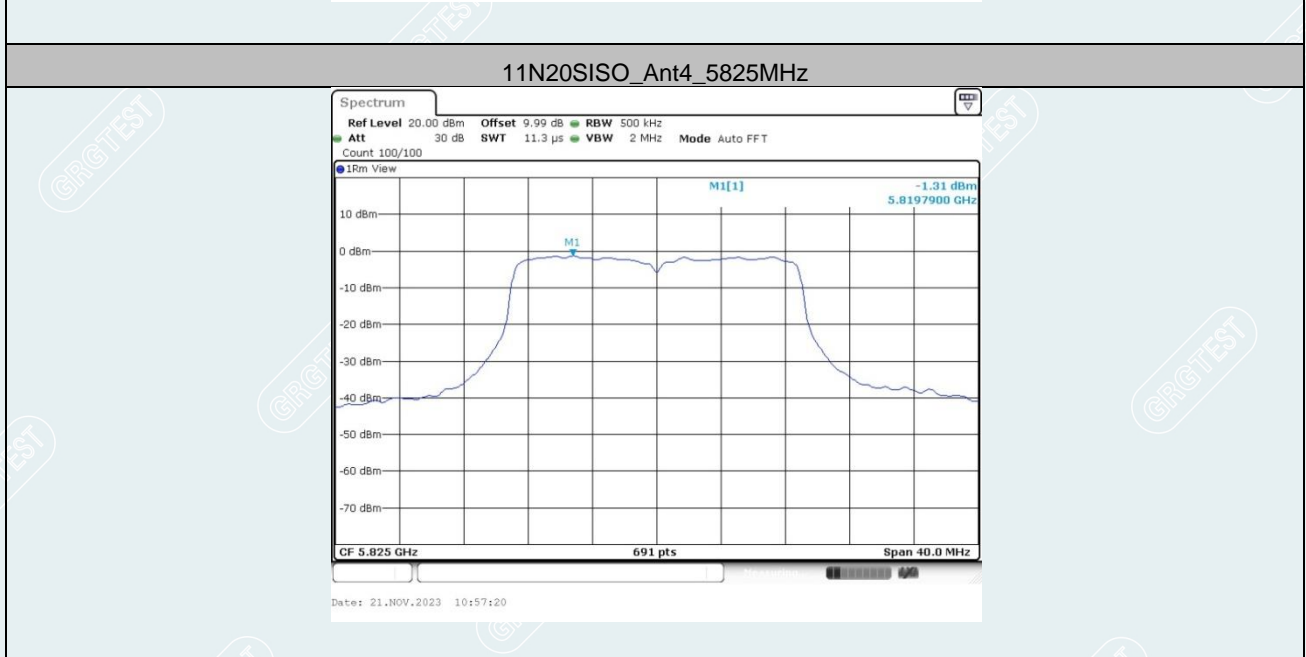
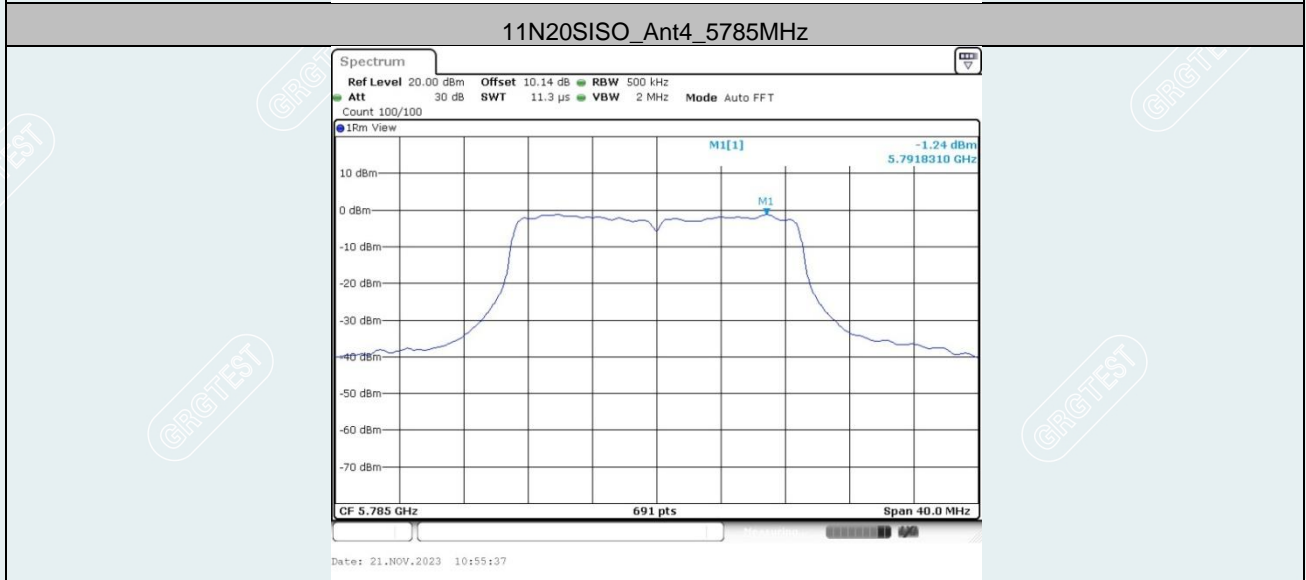
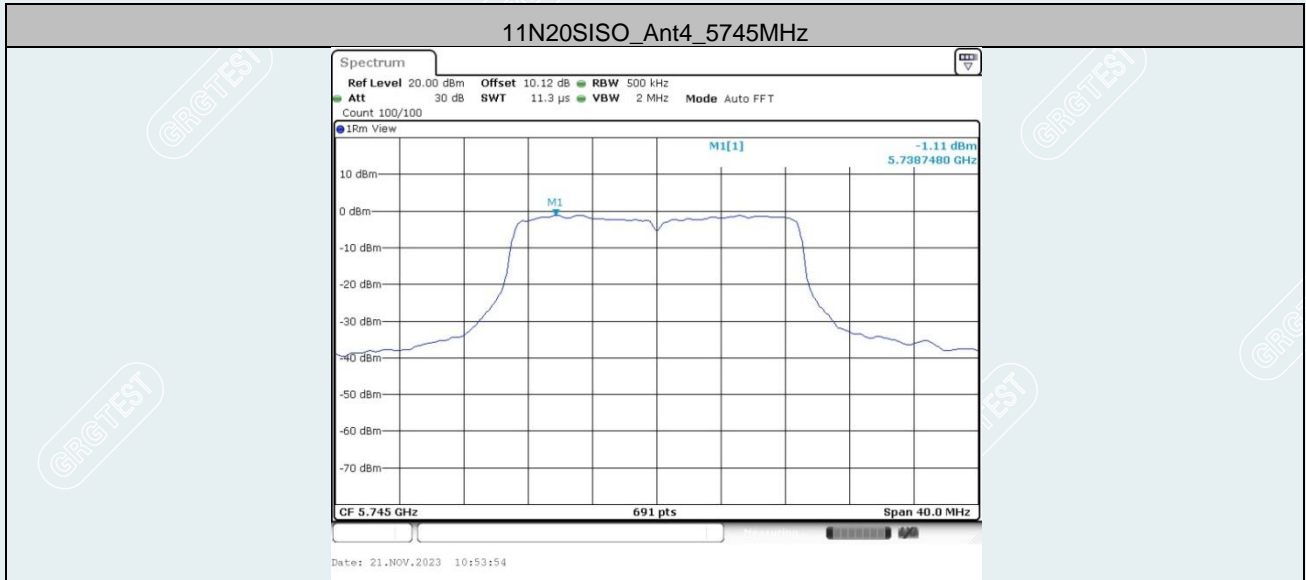
11A_Ant4_5785MHz



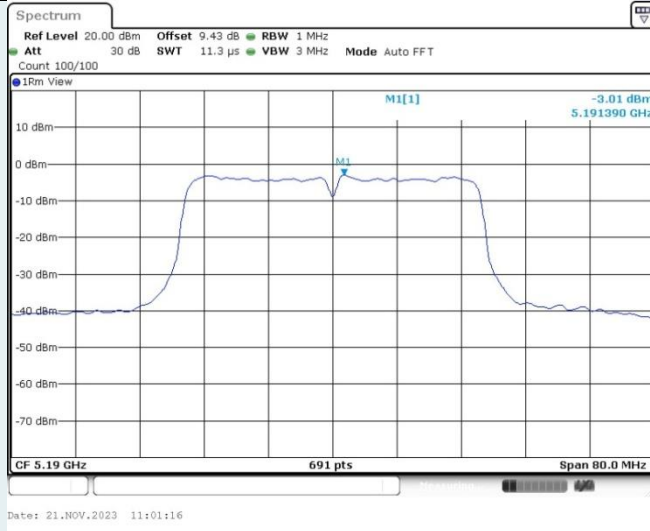
11A_Ant4_5825MHz







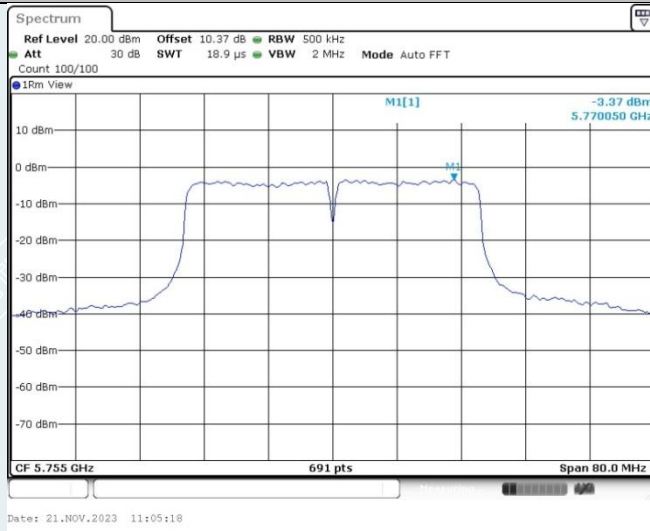
11N40SISO_Ant4_5190MHz

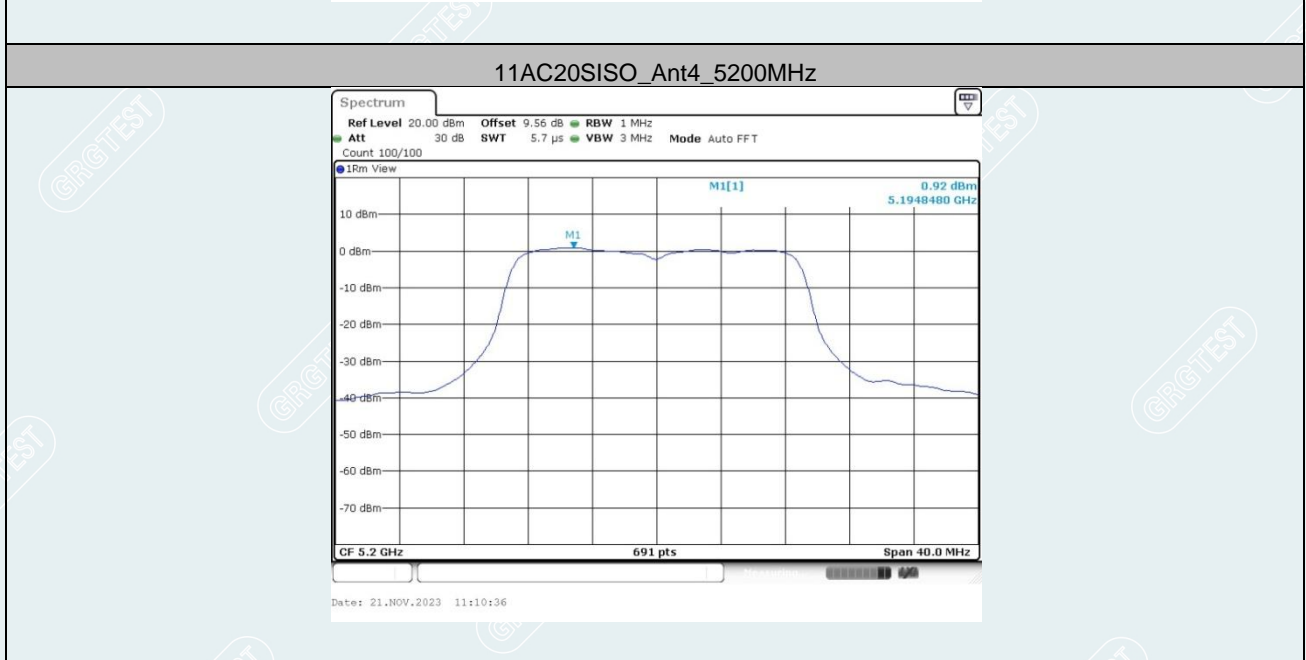
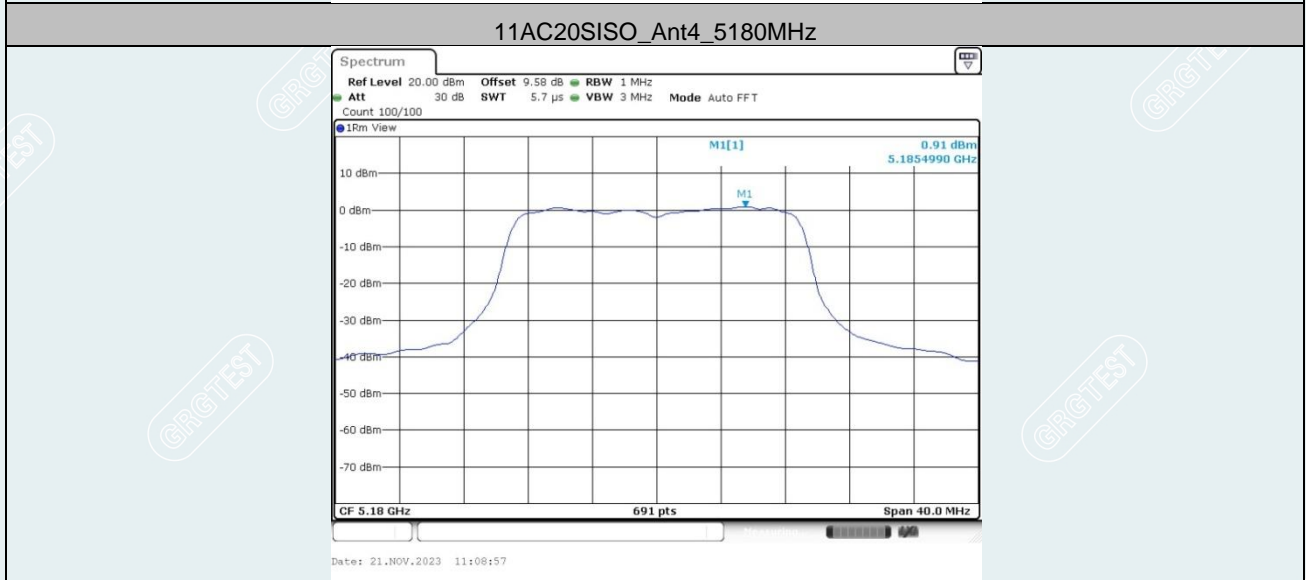
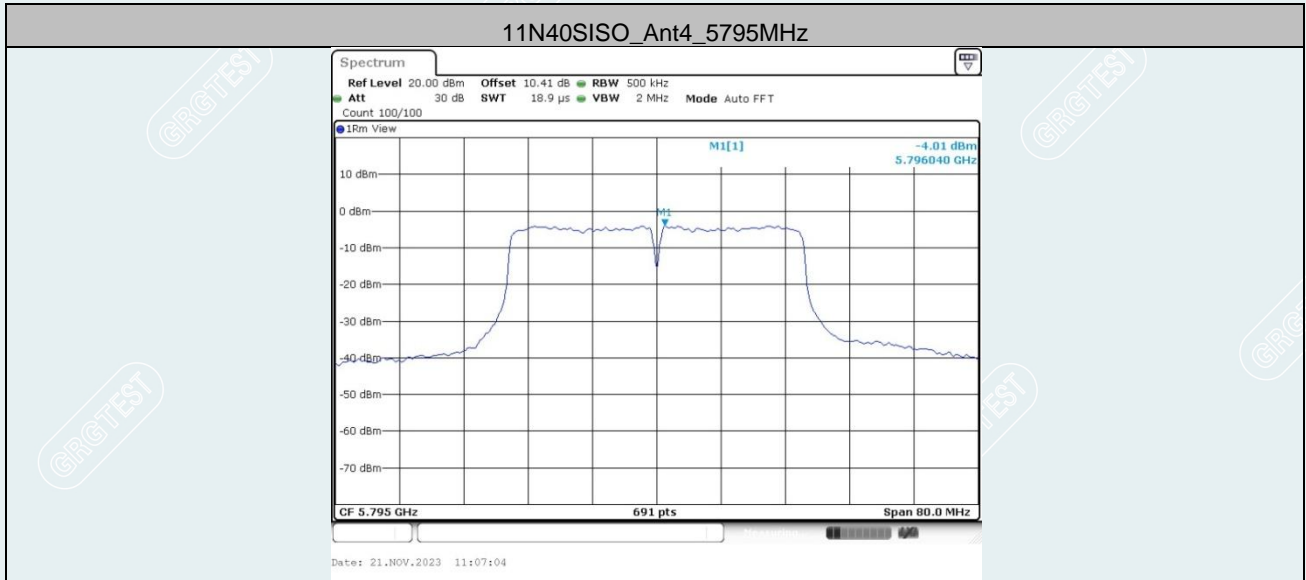


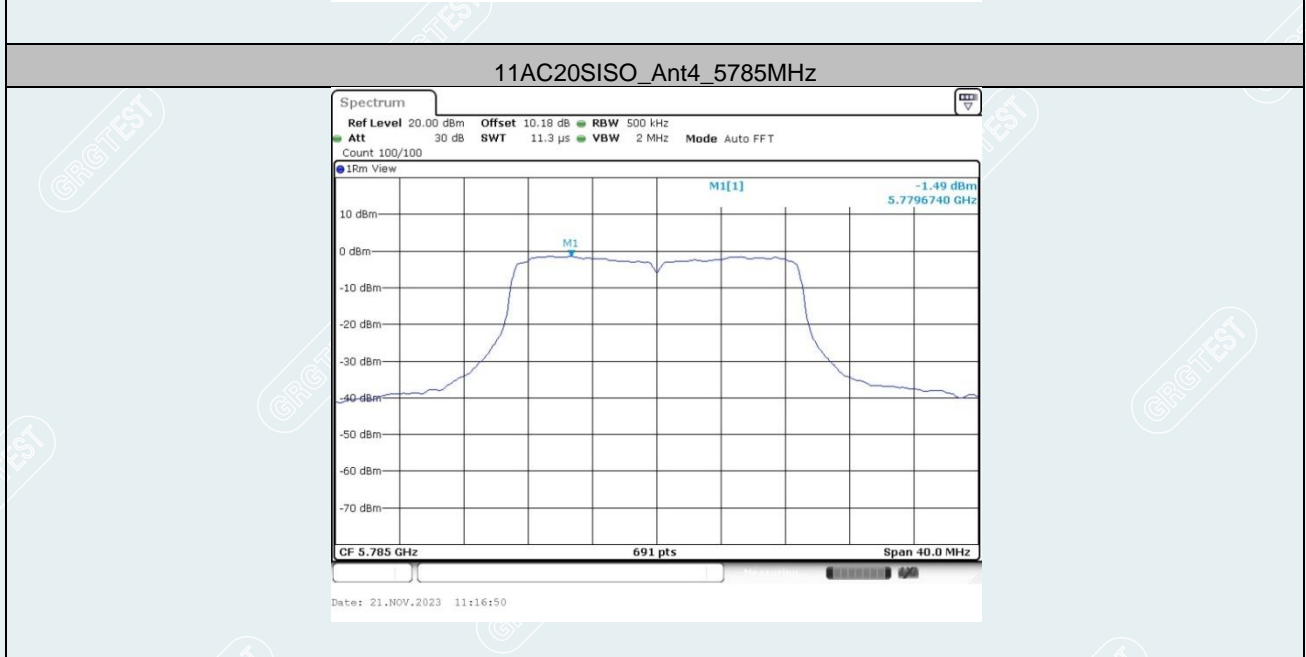
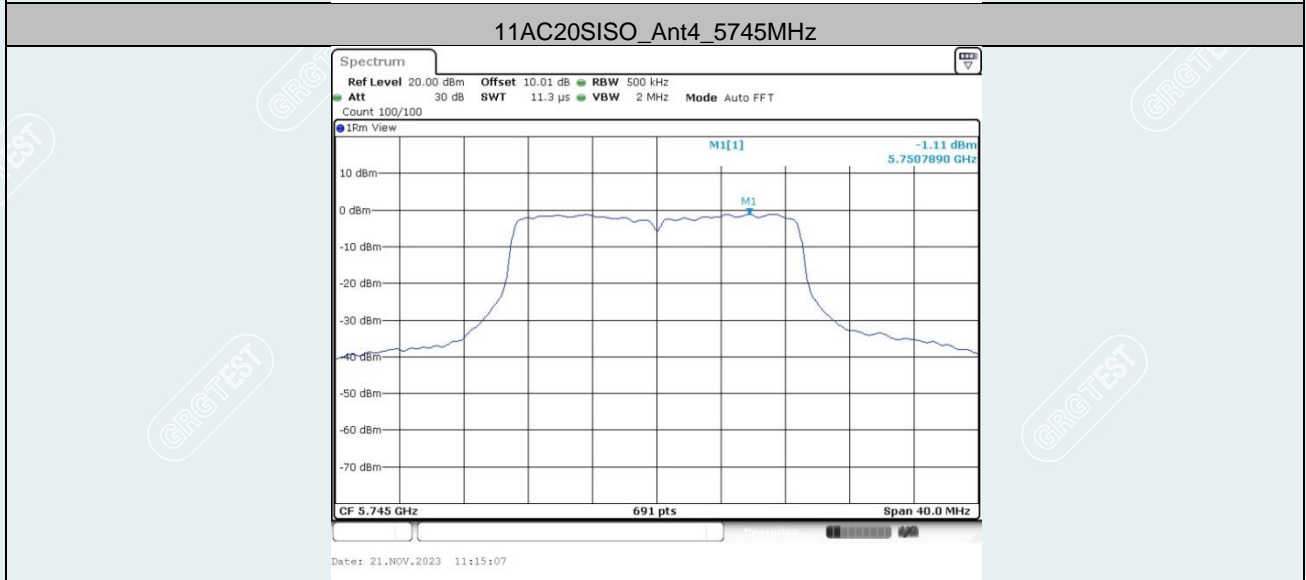
11N40SISO_Ant4_5230MHz

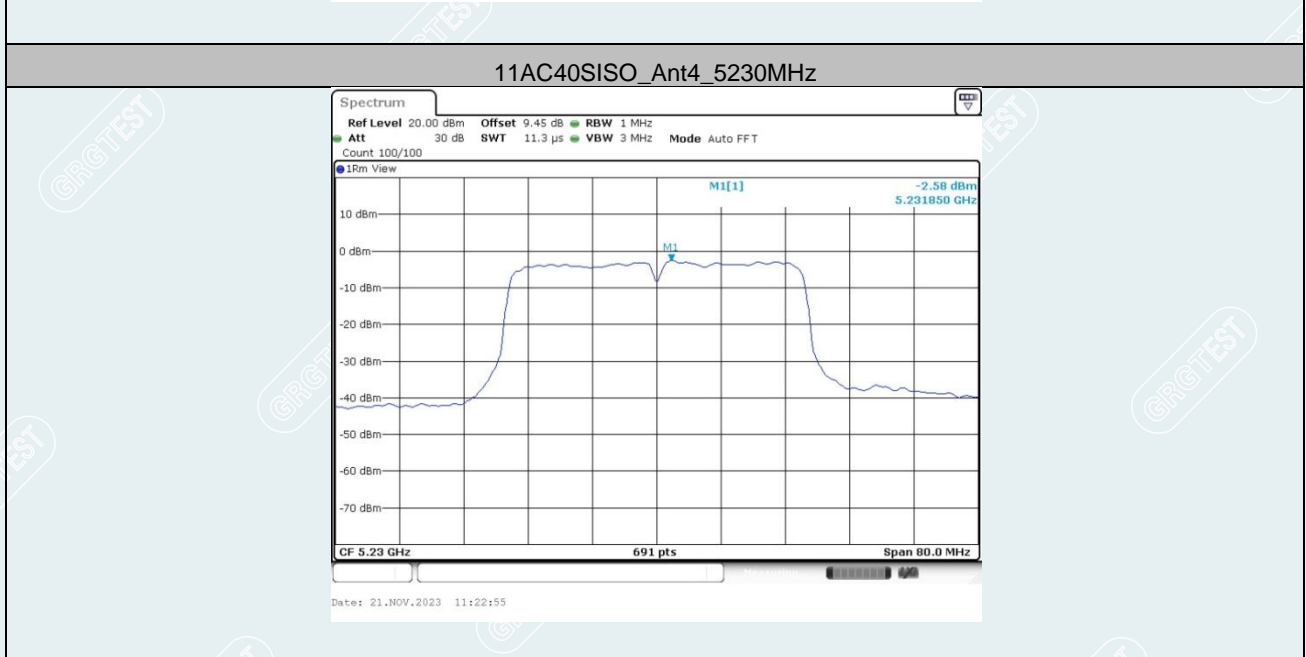
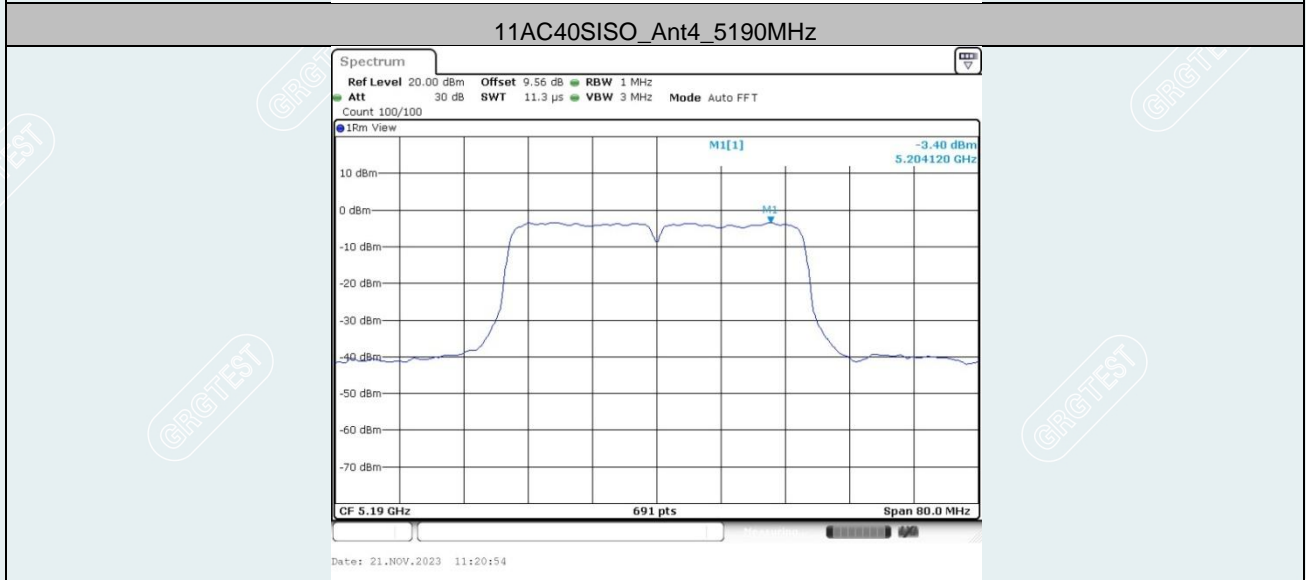
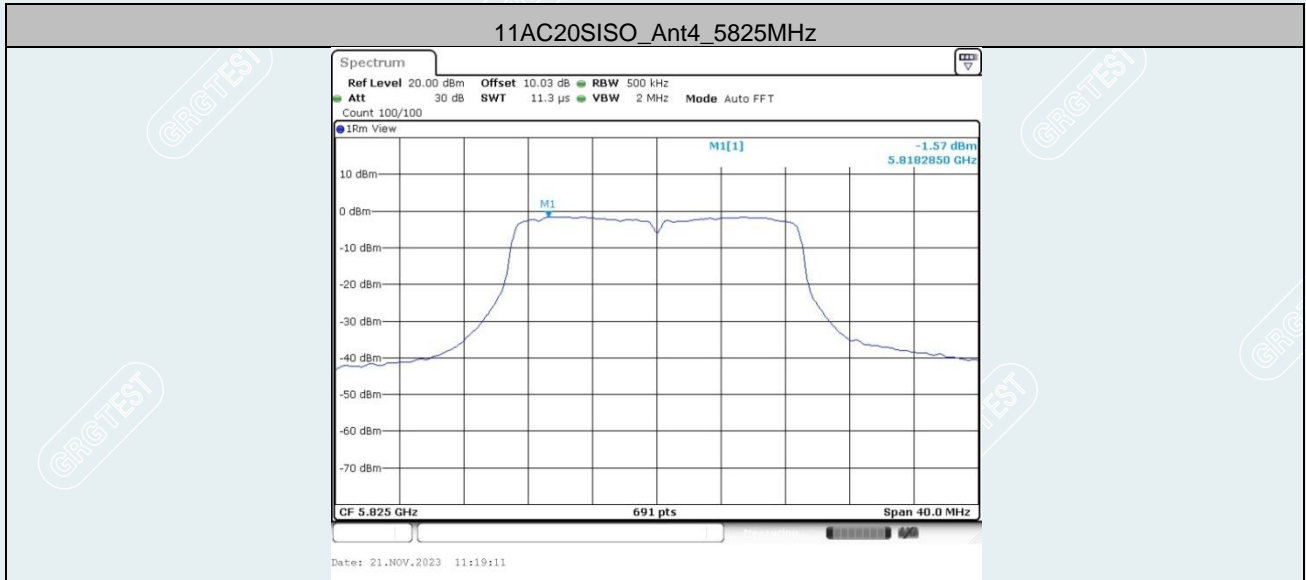


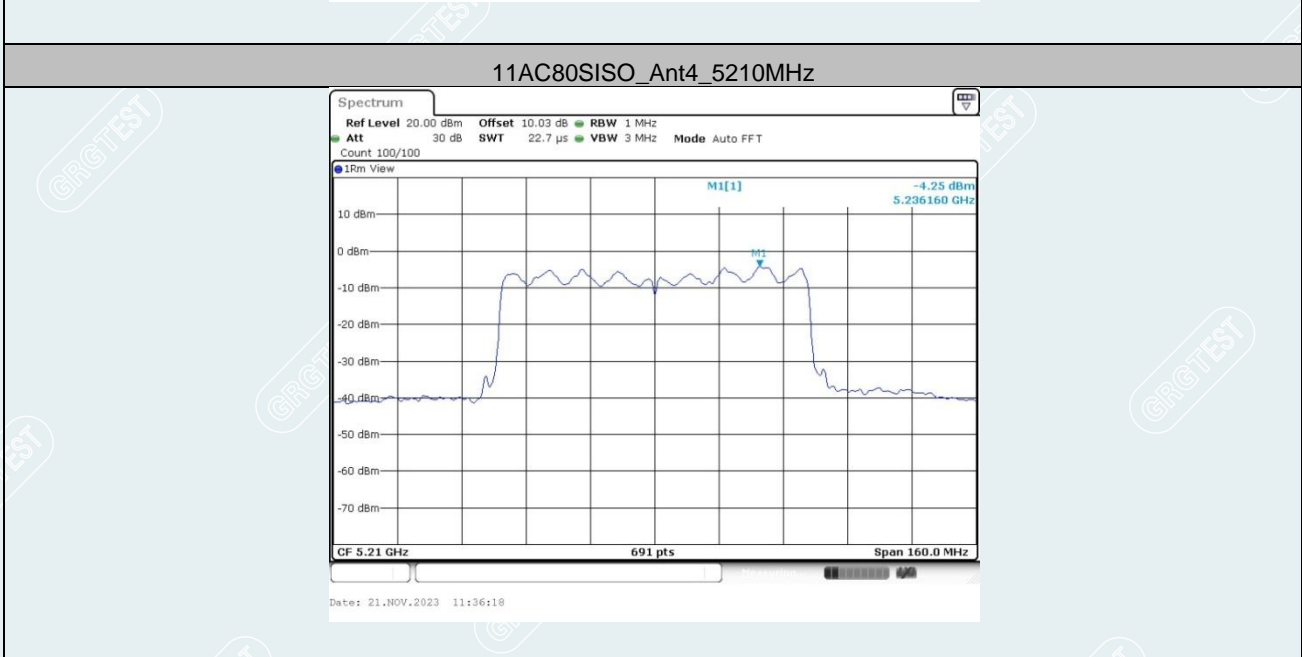
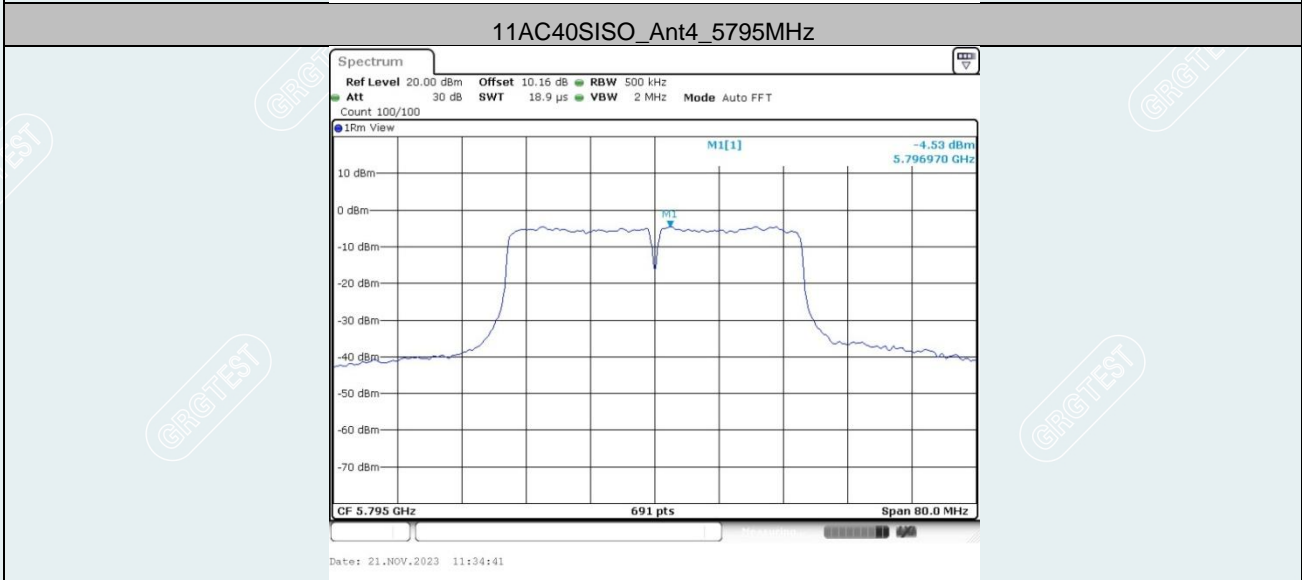
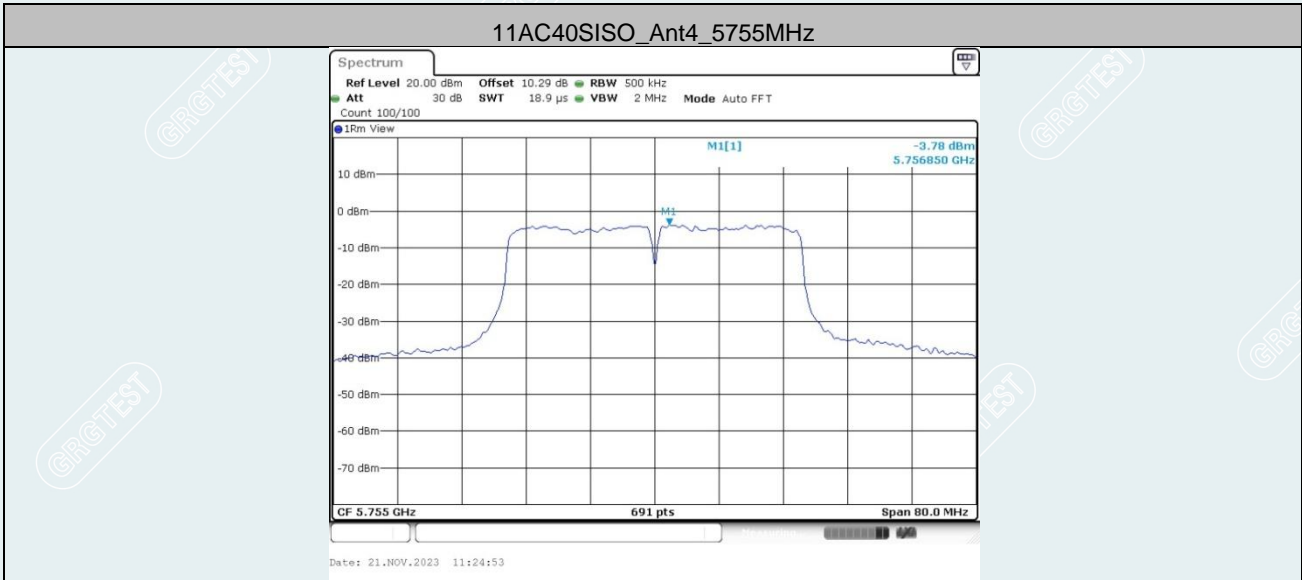
11N40SISO_Ant4_5755MHz

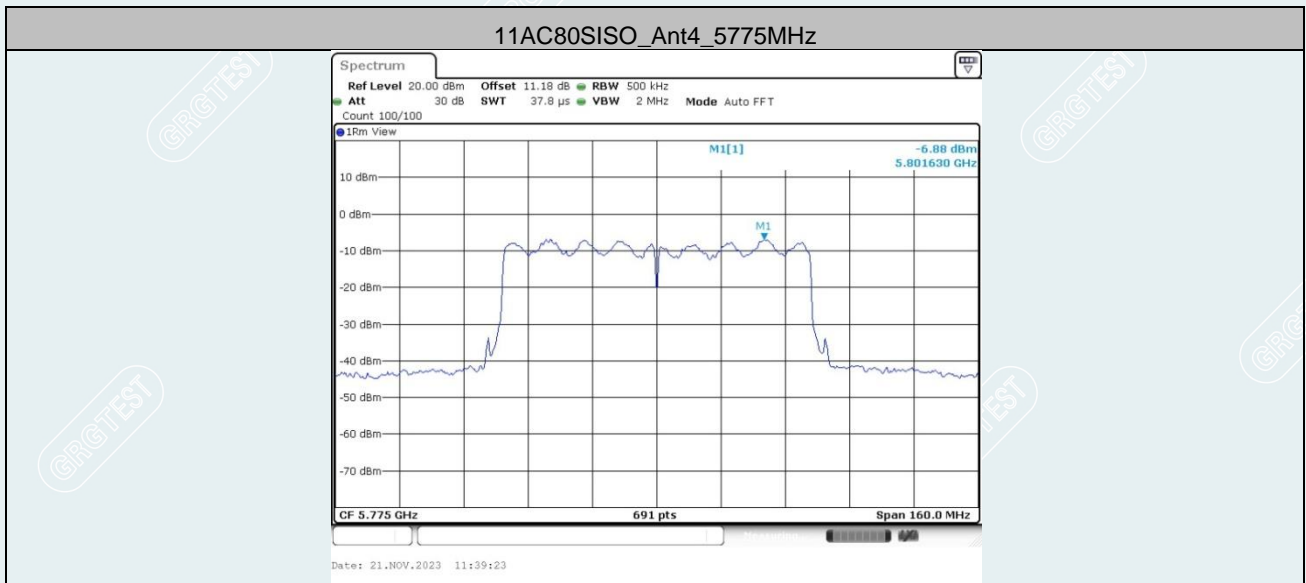












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11. FREQUENCY STABILITY

11.1 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.

11.2 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.

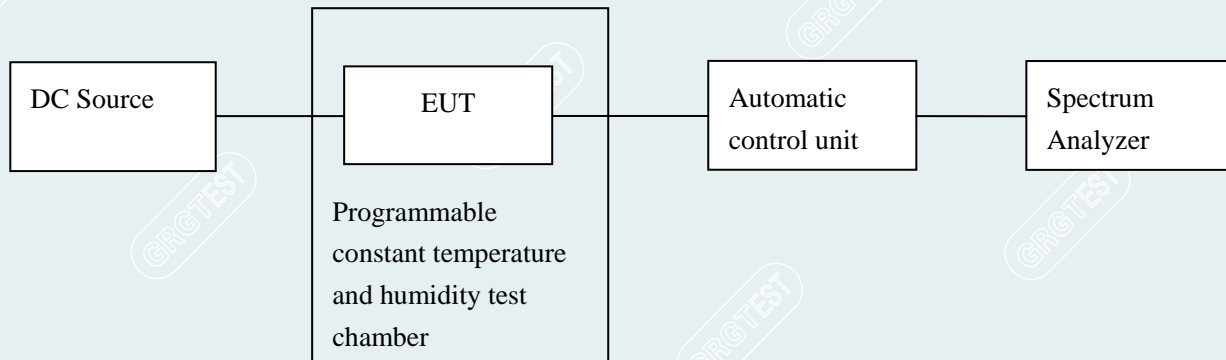
(2) Frequency stability when varying supply voltage

- 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).

11.3 TEST SETUP



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11.4 TEST RESULTS

Environment: 26.9°C/67%RH 101.0kPa
 Tested By: Huang Tianmei

Voltage:DC 5V
 Date: 2023-11-21

TestMode	Antenna	Freq (MHz)	Voltage				Limit (ppm)	Verdict		
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)				
IEEE 802.11a	Ant4	5180	NV	NT	-2000.00	-0.386100	20	PASS		
			LV	NT	-2000.00	-0.386100	20	PASS		
			HV	NT	-1000.00	-0.193050	20	PASS		
		5200	NV	NT	0.00	0.000000	20	PASS		
			LV	NT	4000.00	0.769231	20	PASS		
			HV	NT	6000.00	1.153846	20	PASS		
		5240	NV	NT	-1000.00	-0.190840	20	PASS		
			LV	NT	4000.00	0.763359	20	PASS		
			HV	NT	5000.00	0.954198	20	PASS		
		5745	NV	NT	1000.00	0.174064	20	PASS		
			LV	NT	6000.00	1.044386	20	PASS		
			HV	NT	7000.00	1.218451	20	PASS		
		5785	NV	NT	0.00	0.000000	20	PASS		
			LV	NT	6000.00	1.037165	20	PASS		
			HV	NT	8000.00	1.382887	20	PASS		
		5825	NV	NT	1000.00	0.171674	20	PASS		
			LV	NT	7000.00	1.201717	20	PASS		
			HV	NT	8000.00	1.373391	20	PASS		
		IEEE 802.11n HT20	Ant4	5180	NV	NT	4000.00	0.772201	20	PASS
					LV	NT	4000.00	0.772201	20	PASS
					HV	NT	4000.00	0.772201	20	PASS
				5200	NV	NT	7000.00	1.346154	20	PASS
					LV	NT	8000.00	1.538462	20	PASS
					HV	NT	7000.00	1.346154	20	PASS
				5240	NV	NT	8000.00	1.526718	20	PASS
					LV	NT	8000.00	1.526718	20	PASS
					HV	NT	8000.00	1.526718	20	PASS
5745	NV			NT	9000.00	1.566580	20	PASS		
	LV			NT	9000.00	1.566580	20	PASS		
	HV			NT	9000.00	1.566580	20	PASS		
5785	NV			NT	10000.00	1.728608	20	PASS		
	LV			NT	10000.00	1.728608	20	PASS		
	HV			NT	10000.00	1.728608	20	PASS		

		5825	NV	NT	9000.00	1.545064	20	PASS
			LV	NT	9000.00	1.545064	20	PASS
			HV	NT	9000.00	1.545064	20	PASS
IEEE 802.11n HT40	Ant4	5190	NV	NT	3000.00	0.578035	20	PASS
			LV	NT	6000.00	1.156069	20	PASS
			HV	NT	7000.00	1.348748	20	PASS
		5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	6000.00	1.147228	20	PASS
			HV	NT	8000.00	1.529637	20	PASS
		5755	NV	NT	1000.00	0.173762	20	PASS
			LV	NT	7000.00	1.216334	20	PASS
			HV	NT	8000.00	1.390096	20	PASS
		5795	NV	NT	2000.00	0.345125	20	PASS
			LV	NT	7000.00	1.207938	20	PASS
			HV	NT	8000.00	1.380500	20	PASS
IEEE 802.11ac VHT20	Ant4	5180	NV	NT	5000.00	0.965251	20	PASS
			LV	NT	5000.00	0.965251	20	PASS
			HV	NT	5000.00	0.965251	20	PASS
		5200	NV	NT	9000.00	1.730769	20	PASS
			LV	NT	9000.00	1.730769	20	PASS
			HV	NT	6000.00	1.153846	20	PASS
		5240	NV	NT	9000.00	1.717557	20	PASS
			LV	NT	9000.00	1.717557	20	PASS
			HV	NT	9000.00	1.717557	20	PASS
		5745	NV	NT	9000.00	1.566580	20	PASS
			LV	NT	9000.00	1.566580	20	PASS
			HV	NT	9000.00	1.566580	20	PASS
		5785	NV	NT	10000.00	1.728608	20	PASS
			LV	NT	10000.00	1.728608	20	PASS
			HV	NT	10000.00	1.728608	20	PASS
		5825	NV	NT	10000.00	1.716738	20	PASS
			LV	NT	10000.00	1.716738	20	PASS
			HV	NT	10000.00	1.716738	20	PASS
IEEE 802.11ac VH40	Ant4	5190	NV	NT	9000.00	1.734104	20	PASS
			LV	NT	9000.00	1.734104	20	PASS
			HV	NT	9000.00	1.734104	20	PASS
		5230	NV	NT	10000.00	1.912046	20	PASS
			LV	NT	10000.00	1.912046	20	PASS
			HV	NT	10000.00	1.912046	20	PASS
		5755	NV	NT	10000.00	1.737619	20	PASS
			LV	NT	10000.00	1.737619	20	PASS
			HV	NT	10000.00	1.737619	20	PASS

IEEE 802.11ac VHT80	Ant4	5795	NV	NT	10000.00	1.725626	20	PASS
			LV	NT	10000.00	1.725626	20	PASS
			HV	NT	10000.00	1.725626	20	PASS
		5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	11000.00	2.111324	20	PASS
			HV	NT	15000.00	2.879079	20	PASS
		5775	NV	NT	11000.00	1.904762	20	PASS
			LV	NT	19000.00	3.290043	20	PASS
			HV	NT	21000.00	3.636364	20	PASS

Temperature								
TestMode	Antenna	Freq (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
IEEE 802.11a	Ant4	5180	NV	-30	-1000.00	-0.193050	20	PASS
			NV	-20	-1000.00	-0.193050	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	1000.00	0.193050	20	PASS
			NV	40	1000.00	0.193050	20	PASS
			NV	50	1000.00	0.193050	20	PASS
		5200	NV	-30	6000.00	1.153846	20	PASS
			NV	-20	7000.00	1.346154	20	PASS
			NV	-10	7000.00	1.346154	20	PASS
			NV	0	7000.00	1.346154	20	PASS
			NV	10	7000.00	1.346154	20	PASS
			NV	20	7000.00	1.346154	20	PASS
			NV	30	7000.00	1.346154	20	PASS
			NV	40	7000.00	1.346154	20	PASS
			NV	50	7000.00	1.346154	20	PASS
		5240	NV	-30	6000.00	1.145038	20	PASS
			NV	-20	7000.00	1.335878	20	PASS
			NV	-10	7000.00	1.335878	20	PASS
			NV	0	7000.00	1.335878	20	PASS
			NV	10	7000.00	1.335878	20	PASS
			NV	20	8000.00	1.526718	20	PASS
			NV	30	8000.00	1.526718	20	PASS
			NV	40	8000.00	1.526718	20	PASS
			NV	50	8000.00	1.526718	20	PASS
		5745	NV	-30	8000.00	1.392515	20	PASS
			NV	-20	8000.00	1.392515	20	PASS

			NV	-10	8000.00	1.392515	20	PASS
			NV	0	8000.00	1.392515	20	PASS
			NV	10	9000.00	1.566580	20	PASS
			NV	20	9000.00	1.566580	20	PASS
			NV	30	9000.00	1.566580	20	PASS
			NV	40	9000.00	1.566580	20	PASS
			NV	50	9000.00	1.566580	20	PASS
		5785	NV	-30	8000.00	1.382887	20	PASS
			NV	-20	9000.00	1.555748	20	PASS
			NV	-10	9000.00	1.555748	20	PASS
			NV	0	9000.00	1.555748	20	PASS
			NV	10	9000.00	1.555748	20	PASS
			NV	20	9000.00	1.555748	20	PASS
			NV	30	9000.00	1.555748	20	PASS
		5825	NV	40	9000.00	1.555748	20	PASS
			NV	50	10000.00	1.728608	20	PASS
			NV	-30	9000.00	1.545064	20	PASS
			NV	-20	9000.00	1.545064	20	PASS
			NV	-10	9000.00	1.545064	20	PASS
			NV	0	9000.00	1.545064	20	PASS
			NV	10	9000.00	1.545064	20	PASS
		5180	NV	20	9000.00	1.545064	20	PASS
			NV	30	9000.00	1.545064	20	PASS
			NV	40	9000.00	1.545064	20	PASS
			NV	50	9000.00	1.545064	20	PASS
			NV	-30	4000.00	0.772201	20	PASS
			NV	-20	5000.00	0.965251	20	PASS
			NV	-10	5000.00	0.965251	20	PASS
		5200	NV	0	5000.00	0.965251	20	PASS
			NV	10	5000.00	0.965251	20	PASS
			NV	20	5000.00	0.965251	20	PASS
			NV	30	5000.00	0.965251	20	PASS
			NV	40	5000.00	0.965251	20	PASS
			NV	50	5000.00	0.965251	20	PASS
			NV	-30	7000.00	1.346154	20	PASS
			NV	-20	8000.00	1.538462	20	PASS
NV	-10		8000.00	1.538462	20	PASS		
NV	0		8000.00	1.538462	20	PASS		
NV	10		8000.00	1.538462	20	PASS		
NV	20		8000.00	1.538462	20	PASS		
NV	30		8000.00	1.538462	20	PASS		
NV	40		8000.00	1.538462	20	PASS		

IEEE
802.11n
HT20

Ant4

		5240	NV	50	8000.00	1.538462	20	PASS		
			NV	-30	8000.00	1.526718	20	PASS		
			NV	-20	8000.00	1.526718	20	PASS		
			NV	-10	8000.00	1.526718	20	PASS		
			NV	0	8000.00	1.526718	20	PASS		
			NV	10	9000.00	1.717557	20	PASS		
			NV	20	9000.00	1.717557	20	PASS		
			NV	30	9000.00	1.717557	20	PASS		
			NV	40	9000.00	1.717557	20	PASS		
			NV	50	9000.00	1.717557	20	PASS		
		5745	NV	-30	9000.00	1.566580	20	PASS		
			NV	-20	9000.00	1.566580	20	PASS		
			NV	-10	9000.00	1.566580	20	PASS		
			NV	0	9000.00	1.566580	20	PASS		
			NV	10	9000.00	1.566580	20	PASS		
			NV	20	9000.00	1.566580	20	PASS		
			NV	30	9000.00	1.566580	20	PASS		
			NV	40	9000.00	1.566580	20	PASS		
			NV	50	9000.00	1.566580	20	PASS		
			5785	NV	-30	10000.00	1.728608	20	PASS	
		NV		-20	10000.00	1.728608	20	PASS		
		NV		-10	10000.00	1.728608	20	PASS		
		NV		0	10000.00	1.728608	20	PASS		
		NV		10	10000.00	1.728608	20	PASS		
		NV		20	10000.00	1.728608	20	PASS		
		NV		30	10000.00	1.728608	20	PASS		
		NV		40	10000.00	1.728608	20	PASS		
		5825	NV	-30	9000.00	1.545064	20	PASS		
			NV	-20	9000.00	1.545064	20	PASS		
			NV	-10	10000.00	1.716738	20	PASS		
			NV	0	10000.00	1.716738	20	PASS		
			NV	10	10000.00	1.716738	20	PASS		
			NV	20	9000.00	1.545064	20	PASS		
			NV	30	9000.00	1.545064	20	PASS		
			NV	40	10000.00	1.716738	20	PASS		
			NV	50	10000.00	1.716738	20	PASS		
			IEEE 802.11n HT40	Ant4	5190	NV	-30	8000.00	1.541426	20
		NV				-20	8000.00	1.541426	20	PASS
		NV				-10	8000.00	1.541426	20	PASS
		NV				0	8000.00	1.541426	20	PASS
		NV				10	9000.00	1.734104	20	PASS

			NV	20	9000.00	1.734104	20	PASS		
			NV	30	9000.00	1.734104	20	PASS		
			NV	40	9000.00	1.734104	20	PASS		
			NV	50	9000.00	1.734104	20	PASS		
		5230	NV	-30	8000.00	1.529637	20	PASS		
			NV	-20	9000.00	1.720841	20	PASS		
			NV	-10	9000.00	1.720841	20	PASS		
			NV	0	9000.00	1.720841	20	PASS		
			NV	10	9000.00	1.720841	20	PASS		
			NV	20	9000.00	1.720841	20	PASS		
			NV	30	10000.00	1.912046	20	PASS		
			NV	40	10000.00	1.912046	20	PASS		
			NV	50	10000.00	1.912046	20	PASS		
			5755	NV	-30	9000.00	1.563858	20	PASS	
		NV		-20	9000.00	1.563858	20	PASS		
		NV		-10	9000.00	1.563858	20	PASS		
		NV		0	9000.00	1.563858	20	PASS		
		NV		10	9000.00	1.563858	20	PASS		
		NV		20	10000.00	1.737619	20	PASS		
		NV		30	10000.00	1.737619	20	PASS		
		NV		40	10000.00	1.737619	20	PASS		
		5795	NV	50	10000.00	1.737619	20	PASS		
			NV	-30	9000.00	1.553063	20	PASS		
			NV	-20	9000.00	1.553063	20	PASS		
			NV	-10	10000.00	1.725626	20	PASS		
			NV	0	10000.00	1.725626	20	PASS		
			NV	10	10000.00	1.725626	20	PASS		
			NV	20	10000.00	1.725626	20	PASS		
			NV	30	10000.00	1.725626	20	PASS		
		IEEE 802.11ac VHT20	Ant4	5180	NV	40	10000.00	1.725626	20	PASS
					NV	50	10000.00	1.725626	20	PASS
					NV	-30	5000.00	0.965251	20	PASS
					NV	-20	5000.00	0.965251	20	PASS
			NV		-10	5000.00	0.965251	20	PASS	
			NV		0	5000.00	0.965251	20	PASS	
			NV		10	5000.00	0.965251	20	PASS	
NV	20		5000.00		0.965251	20	PASS			
NV	30		5000.00		0.965251	20	PASS			
NV	40		5000.00		0.965251	20	PASS			
5200	NV	50	5000.00	0.965251	20	PASS				
	NV	-30	6000.00	1.153846	20	PASS				
			NV	-20	5000.00	0.961538	20	PASS		

			NV	-10	5000.00	0.961538	20	PASS
			NV	0	5000.00	0.961538	20	PASS
			NV	10	5000.00	0.961538	20	PASS
			NV	20	4000.00	0.769231	20	PASS
			NV	30	5000.00	0.961538	20	PASS
			NV	40	4000.00	0.769231	20	PASS
			NV	50	4000.00	0.769231	20	PASS
		5240	NV	-30	9000.00	1.717557	20	PASS
			NV	-20	9000.00	1.717557	20	PASS
			NV	-10	9000.00	1.717557	20	PASS
			NV	0	9000.00	1.717557	20	PASS
			NV	10	9000.00	1.717557	20	PASS
			NV	20	9000.00	1.717557	20	PASS
			NV	30	9000.00	1.717557	20	PASS
		5745	NV	40	9000.00	1.717557	20	PASS
			NV	50	9000.00	1.717557	20	PASS
			NV	-30	9000.00	1.566580	20	PASS
			NV	-20	9000.00	1.566580	20	PASS
			NV	-10	9000.00	1.566580	20	PASS
			NV	0	9000.00	1.566580	20	PASS
			NV	10	9000.00	1.566580	20	PASS
		5785	NV	20	9000.00	1.566580	20	PASS
			NV	30	9000.00	1.566580	20	PASS
			NV	40	9000.00	1.566580	20	PASS
			NV	50	9000.00	1.566580	20	PASS
			NV	-30	10000.00	1.728608	20	PASS
			NV	-20	10000.00	1.728608	20	PASS
			NV	-10	10000.00	1.728608	20	PASS
		5825	NV	0	10000.00	1.728608	20	PASS
			NV	10	10000.00	1.728608	20	PASS
			NV	20	10000.00	1.728608	20	PASS
			NV	30	10000.00	1.728608	20	PASS
			NV	40	10000.00	1.728608	20	PASS
			NV	50	10000.00	1.728608	20	PASS
			NV	-30	10000.00	1.716738	20	PASS
			NV	-20	10000.00	1.716738	20	PASS
			NV	-10	10000.00	1.716738	20	PASS
			NV	0	10000.00	1.716738	20	PASS
			NV	10	10000.00	1.716738	20	PASS
			NV	20	10000.00	1.716738	20	PASS
NV	30		10000.00	1.716738	20	PASS		
NV	40		10000.00	1.716738	20	PASS		

			NV	50	10000.00	1.716738	20	PASS		
IEEE 802.11ac VHT40	Ant4	5190	NV	-30	9000.00	1.734104	20	PASS		
			NV	-20	9000.00	1.734104	20	PASS		
			NV	-10	9000.00	1.734104	20	PASS		
			NV	0	9000.00	1.734104	20	PASS		
			NV	10	9000.00	1.734104	20	PASS		
			NV	20	9000.00	1.734104	20	PASS		
			NV	30	9000.00	1.734104	20	PASS		
			NV	40	9000.00	1.734104	20	PASS		
			NV	50	9000.00	1.734104	20	PASS		
				5230	NV	-30	10000.00	1.912046	20	PASS
					NV	-20	10000.00	1.912046	20	PASS
					NV	-10	10000.00	1.912046	20	PASS
					NV	0	10000.00	1.912046	20	PASS
					NV	10	10000.00	1.912046	20	PASS
					NV	20	10000.00	1.912046	20	PASS
					NV	30	10000.00	1.912046	20	PASS
					NV	40	10000.00	1.912046	20	PASS
					NV	50	10000.00	1.912046	20	PASS
				5755	NV	-30	10000.00	1.737619	20	PASS
					NV	-20	10000.00	1.737619	20	PASS
					NV	-10	10000.00	1.737619	20	PASS
					NV	0	10000.00	1.737619	20	PASS
					NV	10	10000.00	1.737619	20	PASS
					NV	20	10000.00	1.737619	20	PASS
					NV	30	10000.00	1.737619	20	PASS
					NV	40	10000.00	1.737619	20	PASS
					NV	50	10000.00	1.737619	20	PASS
				5795	NV	-30	10000.00	1.725626	20	PASS
					NV	-20	10000.00	1.725626	20	PASS
					NV	-10	10000.00	1.725626	20	PASS
					NV	0	10000.00	1.725626	20	PASS
					NV	10	10000.00	1.725626	20	PASS
					NV	20	10000.00	1.725626	20	PASS
					NV	30	10000.00	1.725626	20	PASS
					NV	40	10000.00	1.725626	20	PASS
					NV	50	10000.00	1.725626	20	PASS
IEEE 802.11ac VHT80	Ant4	5210	NV	-30	17000.00	3.262956	20	PASS		
			NV	-20	18000.00	3.454894	20	PASS		
			NV	-10	19000.00	3.646833	20	PASS		
			NV	0	20000.00	3.838772	20	PASS		
			NV	10	21000.00	4.030710	20	PASS		

			NV	20	21000.00	4.030710	20	PASS
			NV	30	22000.00	4.222649	20	PASS
			NV	40	22000.00	4.222649	20	PASS
			NV	50	23000.00	4.414587	20	PASS
		5775	NV	-30	22000.00	3.809524	20	PASS
			NV	-20	22000.00	3.809524	20	PASS
			NV	-10	23000.00	3.982684	20	PASS
			NV	0	23000.00	3.982684	20	PASS
			NV	10	23000.00	3.982684	20	PASS
			NV	20	23000.00	3.982684	20	PASS
			NV	30	23000.00	3.982684	20	PASS
			NV	40	23000.00	3.982684	20	PASS
			NV	50	23000.00	3.982684	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 5V, Test Voltage-LV:DC 4.25V, Test Voltage-HV:DC 5.75V.

3.Temperature Range:-10°C~55°C, Temperature-NT: 26.9°C.

----- The following blanks -----

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Please refer to the attached document E20230331478001-30 FCC ISED-Test Photo.

APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E20230331478001-29 EUT photo.

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