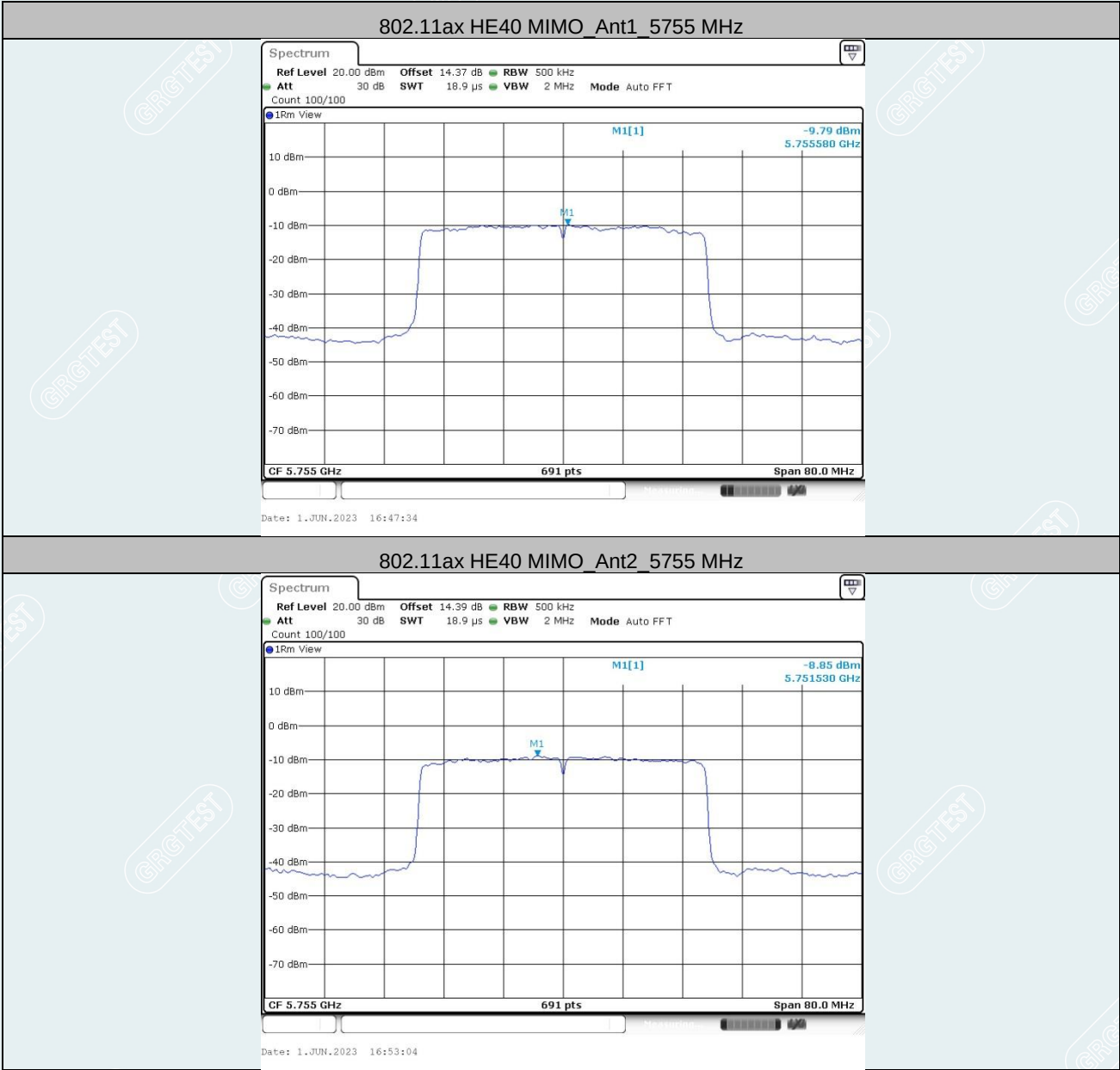
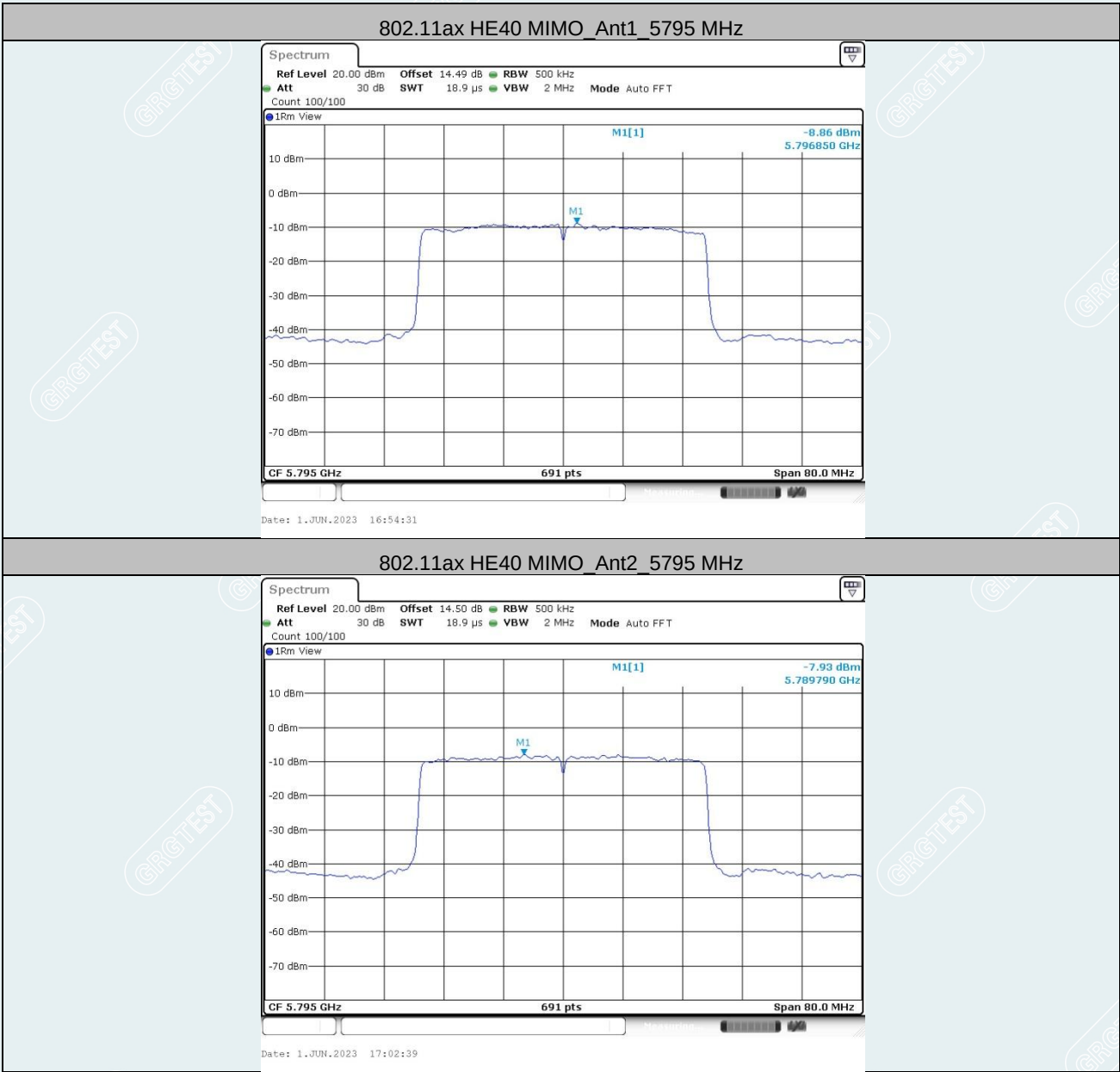
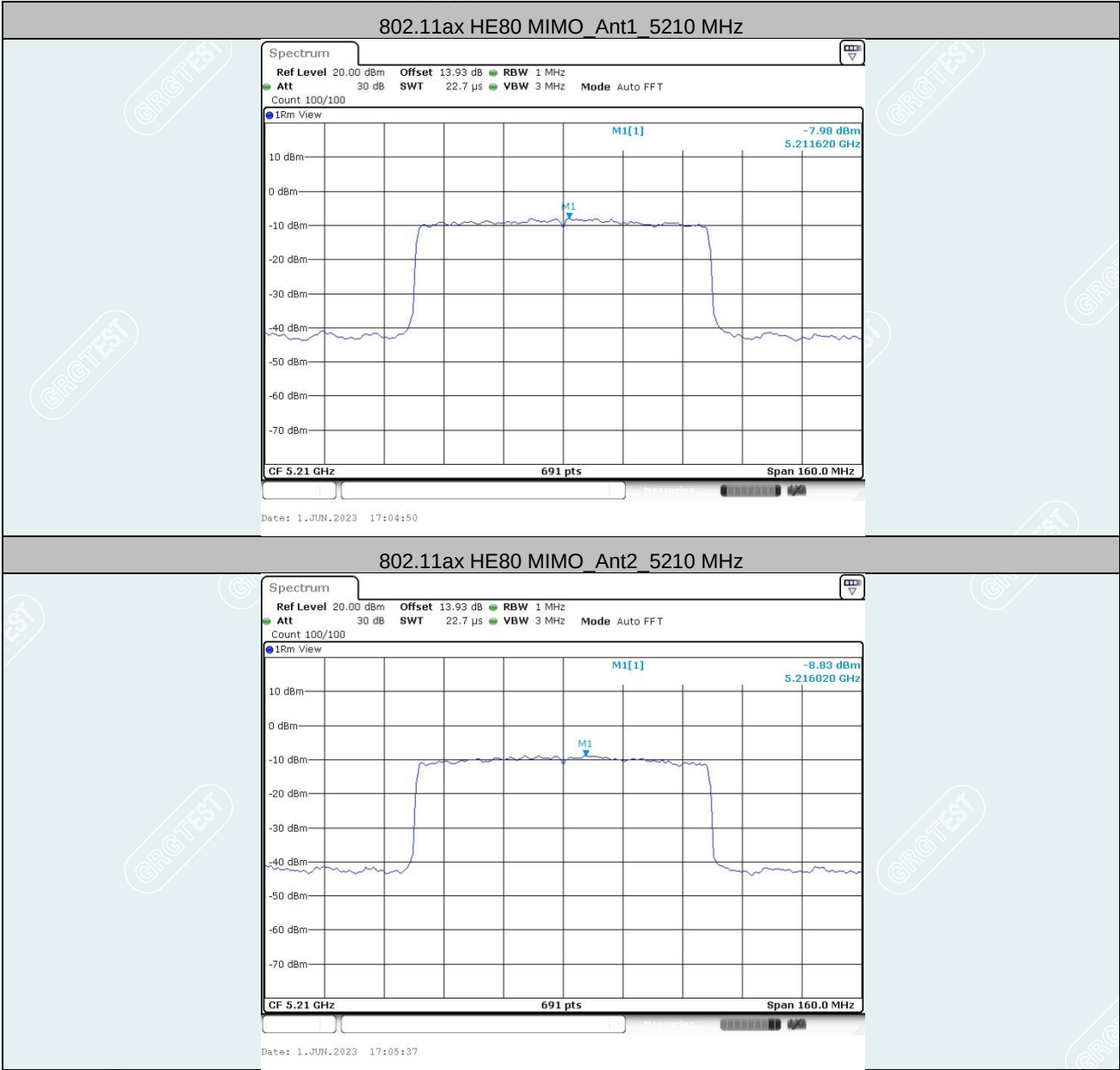
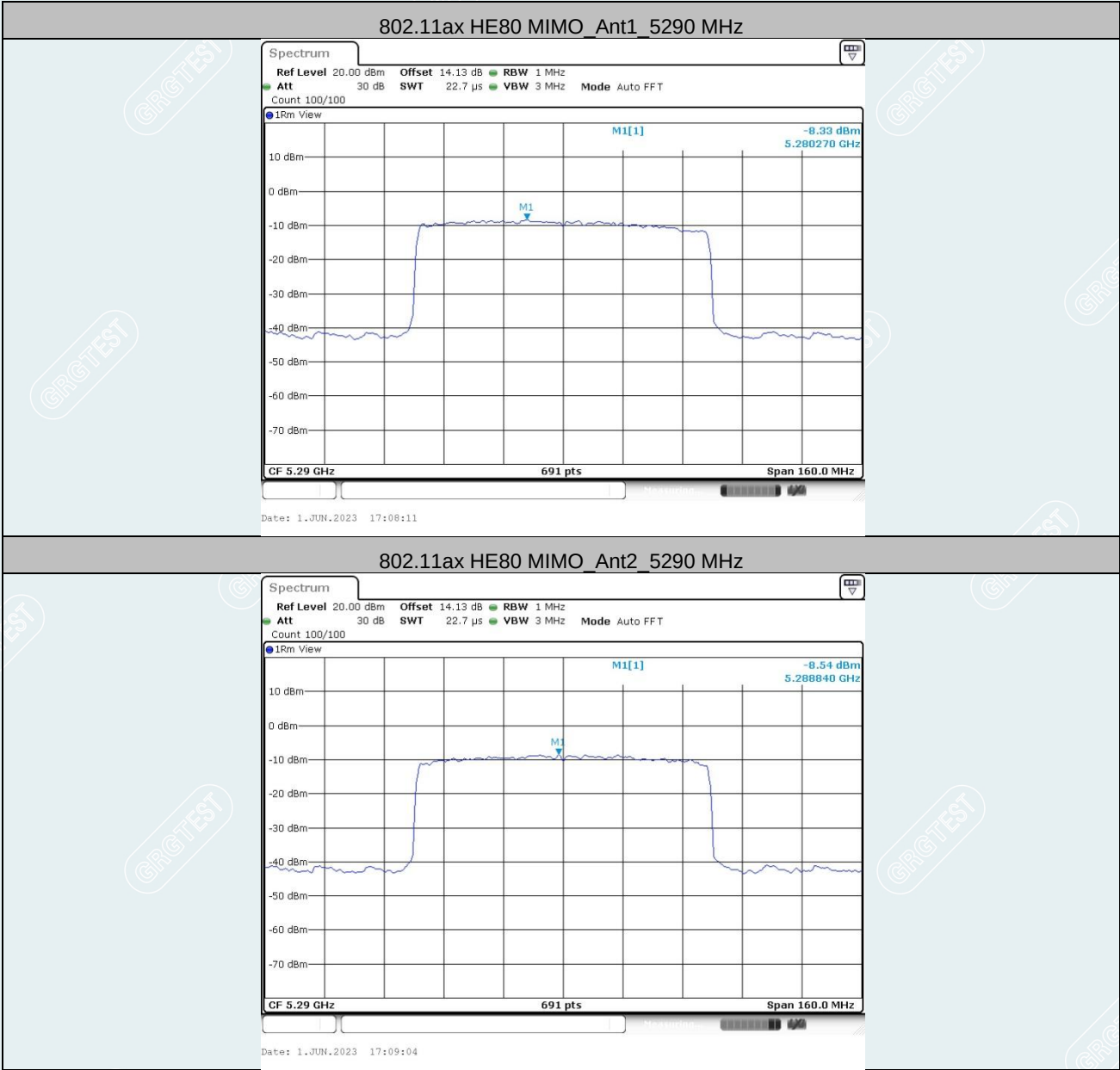






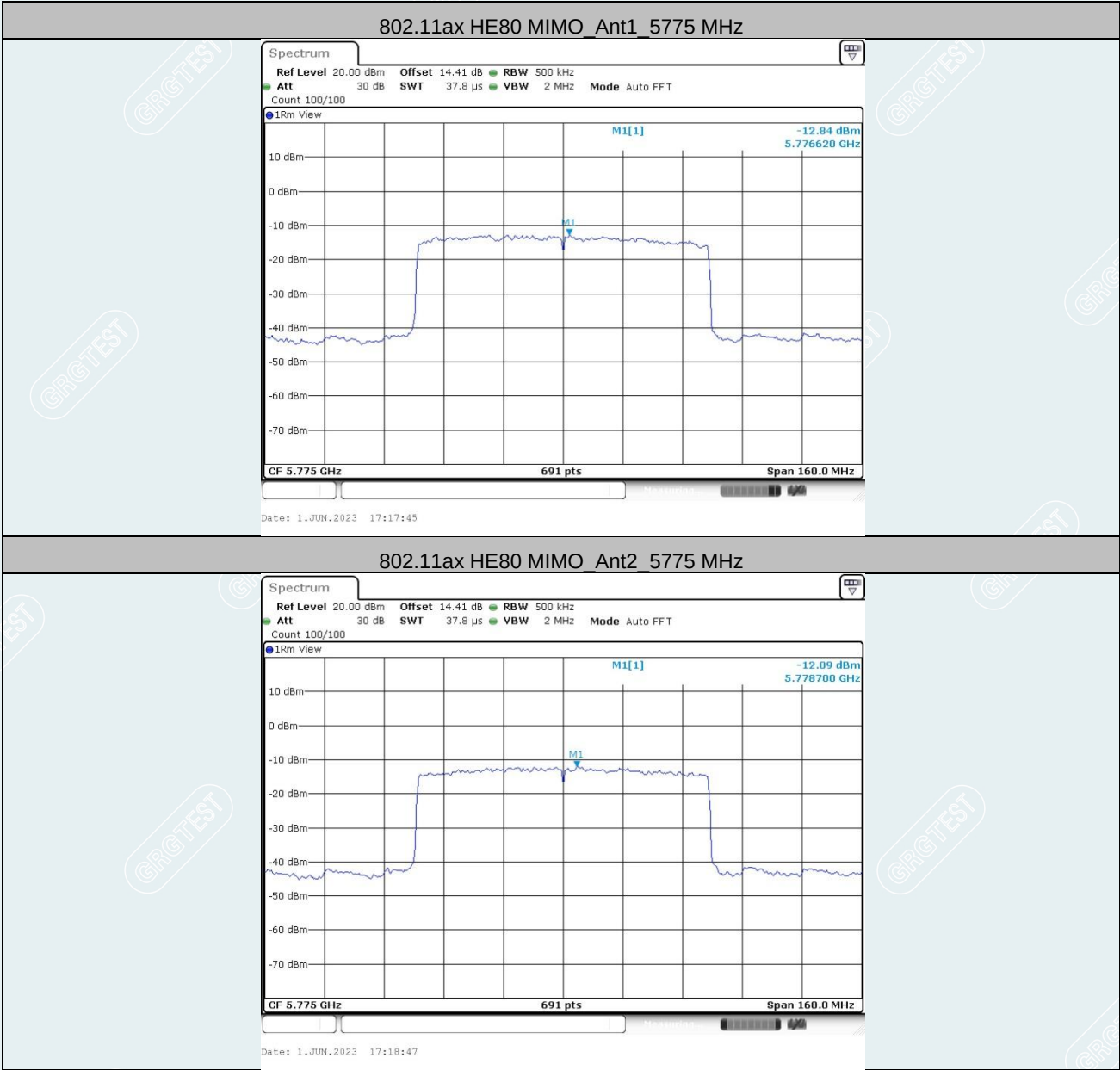












10. FREQUENCY STABILITY

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

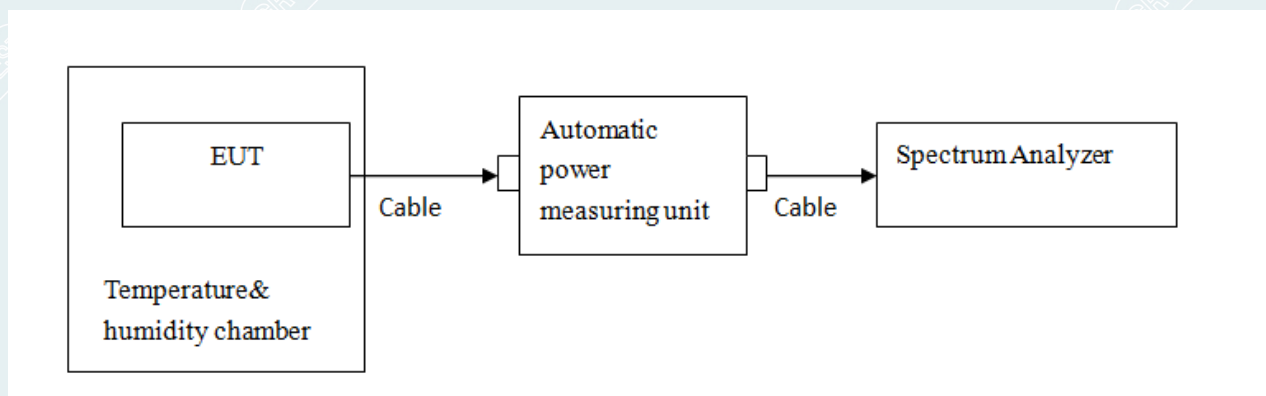
- a) Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT. If possible, a dummy load shall be connected to the EUT because an antenna near the metallic walls of an environmental test chamber could affect the output frequency of the EUT. If the EUT is equipped 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 C63.10-2013(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 C63.10-2013(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 C63.10-2013(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 C63.10-2013(5.6).
- d) Repeat the above procedure at 85% and 115% of the nominal supply voltage as described in §ANSI C63.10-2013(5.13).

10.3. TEST SETUP

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

10.4. TEST RESULTS

Tested By	Qin Tingting	Tested Date	2023-05-31
Environmental Conditions	22.7°C/51%RH/101.0kPa	Test Voltage	DC 12V

Voltage								
TestMode	Antenna	Freq (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
802.11a	Ant1	5180	NV	NT	-15000.00	-2.895753	20	PASS
			LV	NT	-15000.00	-2.895753	20	PASS
			HV	NT	-15000.00	-2.895753	20	PASS
	Ant2	5180	NV	NT	-9000.00	-1.737452	20	PASS
			LV	NT	-12000.00	-2.316602	20	PASS
			HV	NT	-13000.00	-2.509653	20	PASS
	Ant1	5200	NV	NT	-13000.00	-2.500000	20	PASS
			LV	NT	-14000.00	-2.692308	20	PASS
			HV	NT	-14000.00	-2.692308	20	PASS
	Ant2	5200	NV	NT	-14000.00	-2.692308	20	PASS
			LV	NT	-15000.00	-2.884615	20	PASS
			HV	NT	-14000.00	-2.692308	20	PASS
	Ant1	5240	NV	NT	-13000.00	-2.480916	20	PASS
			LV	NT	-14000.00	-2.671756	20	PASS
			HV	NT	-15000.00	-2.862595	20	PASS
	Ant2	5240	NV	NT	-14000.00	-2.671756	20	PASS
			LV	NT	-15000.00	-2.862595	20	PASS
			HV	NT	-15000.00	-2.862595	20	PASS
	Ant1	5260	NV	NT	-14000.00	-2.661597	20	PASS
			LV	NT	-14000.00	-2.661597	20	PASS
			HV	NT	-15000.00	-2.851711	20	PASS
	Ant2	5260	NV	NT	-13000.00	-2.471483	20	PASS
			LV	NT	-14000.00	-2.661597	20	PASS
			HV	NT	-15000.00	-2.851711	20	PASS
	Ant1	5280	NV	NT	-14000.00	-2.651515	20	PASS
			LV	NT	-14000.00	-2.651515	20	PASS
			HV	NT	-15000.00	-2.840909	20	PASS
	Ant2	5280	NV	NT	-13000.00	-2.462121	20	PASS
			LV	NT	-15000.00	-2.840909	20	PASS
			HV	NT	-15000.00	-2.840909	20	PASS
	Ant1	5320	NV	NT	-15000.00	-2.819549	20	PASS
			LV	NT	-15000.00	-2.819549	20	PASS
			HV	NT	-15000.00	-2.819549	20	PASS
	Ant2	5320	NV	NT	-14000.00	-2.631579	20	PASS
			LV	NT	-14000.00	-2.631579	20	PASS
			HV	NT	-15000.00	-2.819549	20	PASS
	Ant1	5500	NV	NT	-13000.00	-2.363636	20	PASS
			LV	NT	-15000.00	-2.727273	20	PASS
			HV	NT	-15000.00	-2.727273	20	PASS

Voltage								
TestMode	Antenna	Freq (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
802.11a	Ant2	5500	NV	NT	-14000.00	-2.545455	20	PASS
			LV	NT	-15000.00	-2.727273	20	PASS
			HV	NT	-15000.00	-2.727273	20	PASS
	Ant1	5580	NV	NT	-15000.00	-2.688172	20	PASS
			LV	NT	-15000.00	-2.688172	20	PASS
			HV	NT	-15000.00	-2.688172	20	PASS
	Ant2	5580	NV	NT	-14000.00	-2.508961	20	PASS
			LV	NT	-15000.00	-2.688172	20	PASS
			HV	NT	-15000.00	-2.688172	20	PASS
	Ant1	5700	NV	NT	-15000.00	-2.631579	20	PASS
			LV	NT	-16000.00	-2.807018	20	PASS
			HV	NT	-16000.00	-2.807018	20	PASS
	Ant2	5700	NV	NT	-15000.00	-2.631579	20	PASS
			LV	NT	-14000.00	-2.456140	20	PASS
			HV	NT	-16000.00	-2.807018	20	PASS
	Ant1	5745	NV	NT	-15000.00	-2.610966	20	PASS
			LV	NT	-16000.00	-2.785030	20	PASS
			HV	NT	-17000.00	-2.959095	20	PASS
	Ant2	5745	NV	NT	-15000.00	-2.610966	20	PASS
			LV	NT	-14000.00	-2.436902	20	PASS
			HV	NT	-16000.00	-2.785030	20	PASS
	Ant1	5785	NV	NT	-15000.00	-2.592913	20	PASS
			LV	NT	-16000.00	-2.765774	20	PASS
			HV	NT	-17000.00	-2.938634	20	PASS
	Ant2	5785	NV	NT	-14000.00	-2.420052	20	PASS
			LV	NT	-14000.00	-2.420052	20	PASS
			HV	NT	-16000.00	-2.765774	20	PASS
	Ant1	5825	NV	NT	-17000.00	-2.918455	20	PASS
			LV	NT	-17000.00	-2.918455	20	PASS
			HV	NT	-18000.00	-3.090129	20	PASS
	Ant2	5825	NV	NT	-17000.00	-2.918455	20	PASS
			LV	NT	-17000.00	-2.918455	20	PASS
			HV	NT	-17000.00	-2.918455	20	PASS

Temperature								
TestMode	Antenna	Freq(MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
802.11a	Ant1	5180	NV	-30	-15000.00	-2.895753	20	PASS
			NV	-20	-15000.00	-2.895753	20	PASS
			NV	-10	-16000.00	-3.088803	20	PASS
			NV	0	-15000.00	-2.895753	20	PASS
			NV	10	-15000.00	-2.895753	20	PASS
			NV	20	-15000.00	-2.895753	20	PASS
			NV	30	-15000.00	-2.895753	20	PASS
			NV	40	-15000.00	-2.895753	20	PASS
			NV	50	-15000.00	-2.895753	20	PASS
			NV	60	-15000.00	-2.895753	20	PASS
			NV	70	-14000.00	-2.702703	20	PASS
	Ant2	5180	NV	-30	-15000.00	-2.895753	20	PASS
			NV	-20	-14000.00	-2.702703	20	PASS
			NV	-10	-15000.00	-2.895753	20	PASS
			NV	0	-15000.00	-2.895753	20	PASS
			NV	10	-15000.00	-2.895753	20	PASS
			NV	20	-15000.00	-2.895753	20	PASS
			NV	30	-15000.00	-2.895753	20	PASS
			NV	40	-16000.00	-3.088803	20	PASS
			NV	60	-15000.00	-2.895753	20	PASS
			NV	70	-15000.00	-2.895753	20	PASS
			NV	50	-15000.00	-2.895753	20	PASS
	Ant1	5200	NV	-30	-15000.00	-2.884615	20	PASS
			NV	-20	-15000.00	-2.884615	20	PASS
			NV	-10	-15000.00	-2.884615	20	PASS
			NV	0	-15000.00	-2.884615	20	PASS
			NV	10	-14000.00	-2.692308	20	PASS
			NV	20	-15000.00	-2.884615	20	PASS
			NV	30	-15000.00	-2.884615	20	PASS
			NV	40	-15000.00	-2.884615	20	PASS
			NV	50	-15000.00	-2.884615	20	PASS
			NV	60	-15000.00	-2.884615	20	PASS
			NV	70	-15000.00	-2.895753	20	PASS
	Ant2	5200	NV	-30	-15000.00	-2.884615	20	PASS
			NV	-20	-15000.00	-2.884615	20	PASS
			NV	-10	-15000.00	-2.884615	20	PASS
			NV	0	-16000.00	-3.076923	20	PASS
			NV	10	-16000.00	-3.076923	20	PASS
			NV	20	-15000.00	-2.884615	20	PASS
			NV	30	-16000.00	-3.076923	20	PASS
			NV	40	-15000.00	-2.884615	20	PASS
			NV	50	-16000.00	-3.076923	20	PASS
			NV	60	-15000.00	-2.884615	20	PASS
			NV	70	-15000.00	-2.884615	20	PASS

Temperature								
TestMode	Antenna	Freq(MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
802.11a	Ant1	5240	NV	-30	-15000.00	-2.862595	20	PASS
			NV	-20	-14000.00	-2.671756	20	PASS
			NV	-10	-14000.00	-2.671756	20	PASS
			NV	0	-15000.00	-2.862595	20	PASS
			NV	10	-15000.00	-2.862595	20	PASS
			NV	20	-15000.00	-2.862595	20	PASS
			NV	30	-15000.00	-2.862595	20	PASS
			NV	40	-15000.00	-2.862595	20	PASS
			NV	50	-15000.00	-2.862595	20	PASS
			NV	60	-15000.00	-2.862595	20	PASS
			NV	70	-14000.00	-2.671756	20	PASS
	Ant1	5240	NV	-30	-15000.00	-2.862595	20	PASS
			NV	-20	-16000.00	-3.053435	20	PASS
			NV	-10	-15000.00	-2.862595	20	PASS
			NV	0	-15000.00	-2.862595	20	PASS
			NV	10	-16000.00	-3.053435	20	PASS
			NV	20	-16000.00	-3.053435	20	PASS
			NV	30	-15000.00	-2.862595	20	PASS
			NV	40	-16000.00	-3.053435	20	PASS
			NV	50	-15000.00	-2.862595	20	PASS
			NV	60	-14000.00	-2.671756	20	PASS
			NV	70	-15000.00	-2.862595	20	PASS
	Ant2	5260	NV	-30	-15000.00	-2.851711	20	PASS
			NV	-20	-15000.00	-2.851711	20	PASS
			NV	-10	-15000.00	-2.851711	20	PASS
			NV	0	-15000.00	-2.851711	20	PASS
			NV	10	-15000.00	-2.851711	20	PASS
			NV	20	-15000.00	-2.851711	20	PASS
			NV	30	-15000.00	-2.851711	20	PASS
			NV	40	-15000.00	-2.851711	20	PASS
			NV	50	-15000.00	-2.851711	20	PASS
			NV	60	-15000.00	-2.851711	20	PASS
			NV	70	-15000.00	-2.851711	20	PASS
	Ant1	5260	NV	-30	-15000.00	-2.851711	20	PASS
			NV	-20	-15000.00	-2.851711	20	PASS
			NV	-10	-15000.00	-2.851711	20	PASS
			NV	0	-16000.00	-3.041825	20	PASS
			NV	10	-16000.00	-3.041825	20	PASS
			NV	20	-16000.00	-3.041825	20	PASS
			NV	30	-15000.00	-2.851711	20	PASS
			NV	40	-16000.00	-3.041825	20	PASS
			NV	50	-15000.00	-2.851711	20	PASS
			NV	60	-15000.00	-2.851711	20	PASS
			NV	70	-15000.00	-2.851711	20	PASS

Temperature								
TestMode	Antenna	Freq(MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
802.11a	Ant2	5280	NV	-30	-15000.00	-2.840909	20	PASS
			NV	-20	-15000.00	-2.840909	20	PASS
			NV	-10	-15000.00	-2.840909	20	PASS
			NV	0	-15000.00	-2.840909	20	PASS
			NV	10	-15000.00	-2.840909	20	PASS
			NV	20	-15000.00	-2.840909	20	PASS
			NV	30	-16000.00	-3.030303	20	PASS
			NV	40	-16000.00	-3.030303	20	PASS
			NV	50	-16000.00	-3.030303	20	PASS
			NV	60	-15000.00	-2.840909	20	PASS
	Ant1	5280	NV	70	-15000.00	-2.840909	20	PASS
			NV	-30	-15000.00	-2.840909	20	PASS
			NV	-20	-15000.00	-2.840909	20	PASS
			NV	-10	-16000.00	-3.030303	20	PASS
			NV	0	-16000.00	-3.030303	20	PASS
			NV	10	-16000.00	-3.030303	20	PASS
			NV	20	-15000.00	-2.840909	20	PASS
			NV	30	-15000.00	-2.840909	20	PASS
			NV	40	-16000.00	-3.030303	20	PASS
			NV	50	-15000.00	-2.840909	20	PASS
	Ant1	5320	NV	60	-15000.00	-2.840909	20	PASS
			NV	70	-15000.00	-2.840909	20	PASS
			NV	-30	-15000.00	-2.819549	20	PASS
			NV	-20	-15000.00	-2.819549	20	PASS
			NV	-10	-15000.00	-2.819549	20	PASS
			NV	0	-15000.00	-2.819549	20	PASS
			NV	10	-15000.00	-2.819549	20	PASS
			NV	20	-16000.00	-3.007519	20	PASS
			NV	30	-16000.00	-3.007519	20	PASS
			NV	40	-16000.00	-3.007519	20	PASS
	Ant2	5320	NV	50	-15000.00	-2.819549	20	PASS
			NV	60	-15000.00	-2.819549	20	PASS
			NV	70	-15000.00	-2.819549	20	PASS
			NV	-30	-15000.00	-2.819549	20	PASS
			NV	-20	-15000.00	-2.819549	20	PASS
			NV	-10	-16000.00	-3.007519	20	PASS
			NV	0	-16000.00	-3.007519	20	PASS
			NV	10	-16000.00	-3.007519	20	PASS
			NV	20	-14000.00	-2.631579	20	PASS
			NV	30	-15000.00	-2.819549	20	PASS
			NV	40	-15000.00	-2.819549	20	PASS
			NV	50	-16000.00	-3.007519	20	PASS
			NV	60	-15000.00	-2.819549	20	PASS
			NV	70	-15000.00	-2.819549	20	PASS

Temperature								
TestMode	Antenna	Freq(MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
802.11a	Ant1	5500	NV	-30	-15000.00	-2.727273	20	PASS
			NV	-20	-16000.00	-2.909091	20	PASS
			NV	-10	-16000.00	-2.909091	20	PASS
			NV	0	-16000.00	-2.909091	20	PASS
			NV	10	-16000.00	-2.909091	20	PASS
			NV	20	-16000.00	-2.909091	20	PASS
			NV	30	-16000.00	-2.909091	20	PASS
			NV	40	-17000.00	-3.090909	20	PASS
			NV	50	-17000.00	-3.090909	20	PASS
			NV	60	-15000.00	-2.727273	20	PASS
	Ant2	5500	NV	70	-17000.00	-3.090909	20	PASS
			NV	-30	-15000.00	-2.727273	20	PASS
			NV	-20	-17000.00	-3.090909	20	PASS
			NV	-10	-16000.00	-2.909091	20	PASS
			NV	0	-16000.00	-2.909091	20	PASS
			NV	10	-17000.00	-3.090909	20	PASS
			NV	20	-17000.00	-3.090909	20	PASS
			NV	30	-16000.00	-2.909091	20	PASS
			NV	40	-16000.00	-2.909091	20	PASS
			NV	50	-16000.00	-2.909091	20	PASS
	Ant1	5580	NV	60	-16000.00	-2.909091	20	PASS
			NV	70	-16000.00	-2.909091	20	PASS
			NV	-30	-15000.00	-2.688172	20	PASS
			NV	-20	-16000.00	-2.867384	20	PASS
			NV	-10	-16000.00	-2.867384	20	PASS
			NV	0	-16000.00	-2.867384	20	PASS
			NV	10	-16000.00	-2.867384	20	PASS
			NV	20	-17000.00	-3.046595	20	PASS
			NV	30	-16000.00	-2.867384	20	PASS
			NV	40	-16000.00	-2.867384	20	PASS
	Ant1	5580	NV	50	-17000.00	-3.046595	20	PASS
			NV	60	-15000.00	-2.688172	20	PASS
			NV	70	-16000.00	-2.867384	20	PASS
			NV	-30	-15000.00	-2.688172	20	PASS
			NV	-20	-16000.00	-2.867384	20	PASS
			NV	-10	-15000.00	-2.688172	20	PASS
			NV	0	-16000.00	-2.867384	20	PASS
			NV	10	-17000.00	-3.046595	20	PASS
			NV	20	-17000.00	-3.046595	20	PASS
			NV	30	-16000.00	-2.867384	20	PASS
			NV	40	-15000.00	-2.688172	20	PASS
			NV	50	-17000.00	-3.046595	20	PASS
			NV	60	-16000.00	-2.867384	20	PASS
			NV	70	-16000.00	-2.867384	20	PASS

Temperature								
TestMode	Antenna	Freq(MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
802.11a	Ant2	5700	NV	-30	-17000.00	-2.982456	20	PASS
			NV	-20	-16000.00	-2.807018	20	PASS
			NV	-10	-17000.00	-2.982456	20	PASS
			NV	0	-17000.00	-2.982456	20	PASS
			NV	10	-17000.00	-2.982456	20	PASS
			NV	20	-17000.00	-2.982456	20	PASS
			NV	30	-17000.00	-2.982456	20	PASS
			NV	40	-17000.00	-2.982456	20	PASS
			NV	50	-17000.00	-2.982456	20	PASS
			NV	60	-17000.00	-2.982456	20	PASS
	Ant1	5700	NV	70	-16000.00	-2.807018	20	PASS
			NV	-30	-16000.00	-2.807018	20	PASS
			NV	-20	-16000.00	-2.807018	20	PASS
			NV	-10	-16000.00	-2.807018	20	PASS
			NV	0	-16000.00	-2.807018	20	PASS
			NV	10	-16000.00	-2.807018	20	PASS
			NV	20	-17000.00	-2.982456	20	PASS
			NV	30	-16000.00	-2.807018	20	PASS
			NV	40	-17000.00	-2.982456	20	PASS
			NV	50	-17000.00	-2.982456	20	PASS
	Ant2	5745	NV	60	-17000.00	-2.982456	20	PASS
			NV	70	-17000.00	-2.982456	20	PASS
			NV	-30	-17000.00	-2.959095	20	PASS
			NV	-20	-17000.00	-2.959095	20	PASS
			NV	-10	-17000.00	-2.959095	20	PASS
			NV	0	-17000.00	-2.959095	20	PASS
			NV	10	-17000.00	-2.959095	20	PASS
			NV	20	-17000.00	-2.959095	20	PASS
			NV	30	-17000.00	-2.959095	20	PASS
			NV	40	-17000.00	-2.959095	20	PASS
	Ant1	5745	NV	50	-17000.00	-2.959095	20	PASS
			NV	60	-17000.00	-2.959095	20	PASS
			NV	70	-17000.00	-2.959095	20	PASS
			NV	-30	-17000.00	-2.959095	20	PASS
			NV	-20	-16000.00	-2.785030	20	PASS
			NV	-10	-16000.00	-2.785030	20	PASS
			NV	0	-16000.00	-2.785030	20	PASS
			NV	10	-16000.00	-2.785030	20	PASS
			NV	20	-16000.00	-2.785030	20	PASS
			NV	30	-17000.00	-2.959095	20	PASS
			NV	40	-17000.00	-2.959095	20	PASS
			NV	50	-16000.00	-2.785030	20	PASS
			NV	60	-17000.00	-2.959095	20	PASS
			NV	70	-17000.00	-2.959095	20	PASS

Temperature								
TestMode	Antenna	Freq(MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
802.11a	Ant1	5785	NV	-30	-17000.00	-2.938634	20	PASS
			NV	-20	-17000.00	-2.938634	20	PASS
			NV	-10	-16000.00	-2.765774	20	PASS
			NV	0	-17000.00	-2.938634	20	PASS
			NV	10	-17000.00	-2.938634	20	PASS
			NV	20	-16000.00	-2.765774	20	PASS
			NV	30	-17000.00	-2.938634	20	PASS
			NV	40	-17000.00	-2.938634	20	PASS
			NV	50	-17000.00	-2.938634	20	PASS
			NV	60	-17000.00	-2.938634	20	PASS
	Ant2	5785	NV	-30	-16000.00	-2.765774	20	PASS
			NV	-20	-16000.00	-2.765774	20	PASS
			NV	-10	-16000.00	-2.765774	20	PASS
			NV	0	-17000.00	-2.938634	20	PASS
			NV	10	-16000.00	-2.765774	20	PASS
			NV	20	-17000.00	-2.938634	20	PASS
			NV	30	-16000.00	-2.765774	20	PASS
			NV	40	-16000.00	-2.765774	20	PASS
			NV	50	-17000.00	-2.938634	20	PASS
			NV	60	-16000.00	-2.765774	20	PASS
	Ant1	5825	NV	-30	-18000.00	-3.090129	20	PASS
			NV	-20	-17000.00	-2.918455	20	PASS
			NV	-10	-17000.00	-2.918455	20	PASS
			NV	0	-18000.00	-3.090129	20	PASS
			NV	10	-17000.00	-2.918455	20	PASS
			NV	20	-18000.00	-3.090129	20	PASS
			NV	30	-17000.00	-2.918455	20	PASS
			NV	40	-17000.00	-2.918455	20	PASS
			NV	50	-17000.00	-2.918455	20	PASS
			NV	60	-18000.00	-3.090129	20	PASS
	Ant2	5825	NV	-30	-17000.00	-2.918455	20	PASS
			NV	-20	-18000.00	-3.090129	20	PASS
			NV	-10	-17000.00	-2.918455	20	PASS
			NV	0	-17000.00	-2.918455	20	PASS
			NV	10	-17000.00	-2.918455	20	PASS
			NV	20	-18000.00	-3.090129	20	PASS
			NV	30	-18000.00	-3.090129	20	PASS
			NV	40	-17000.00	-2.918455	20	PASS
			NV	50	-17000.00	-2.918455	20	PASS
			NV	60	-17000.00	-2.918455	20	PASS
			NV	70	-18000.00	-3.090129	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: DC10.8V,

Test Voltage-HV: DC 13.2V.

3. Temperature Range:-30°C~70°C, Temperature-NT: 22.7°C.

APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Please refer to the attached document E20230512370501-8-Test photo.

APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E20230512370501-9-EUT photo.

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