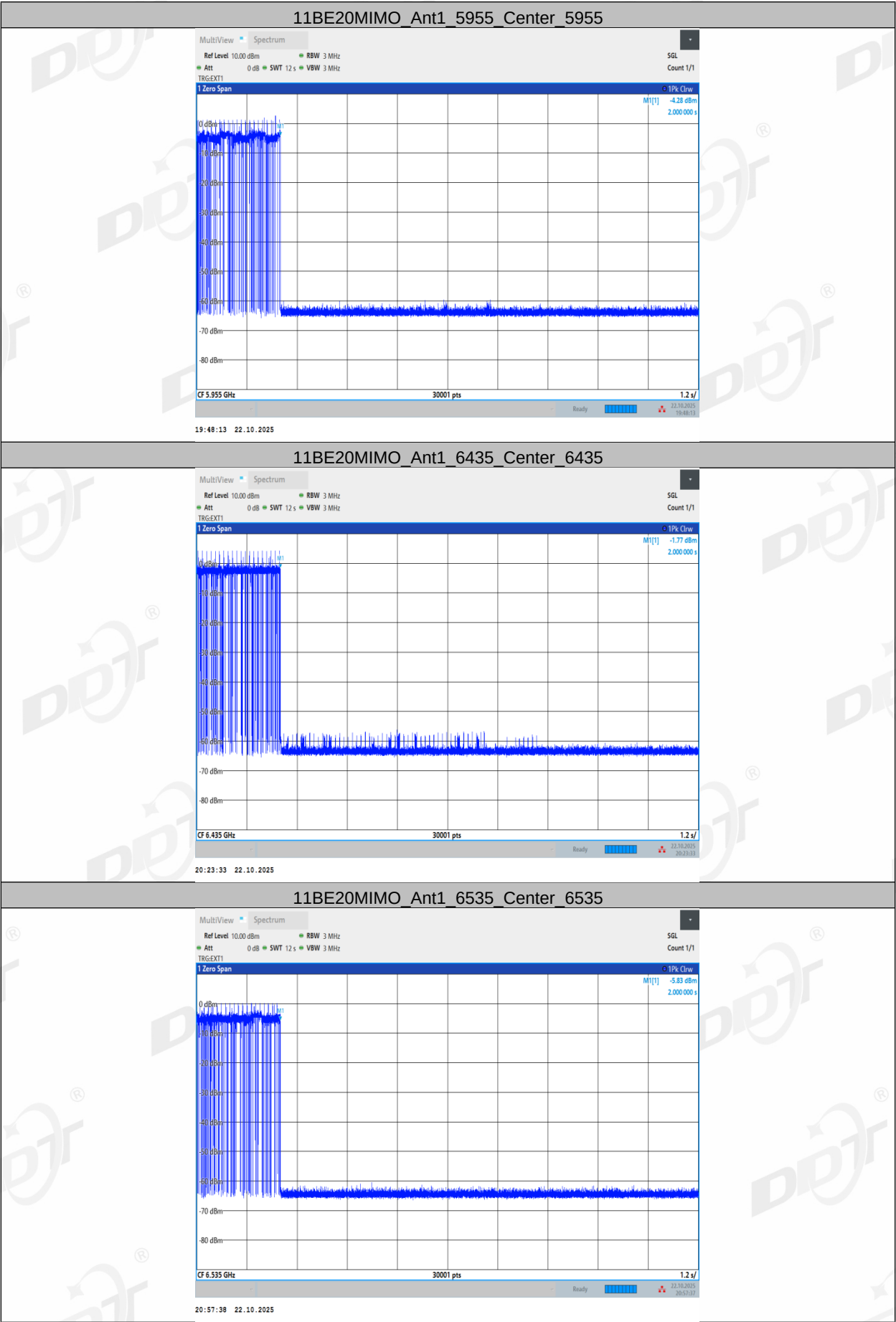
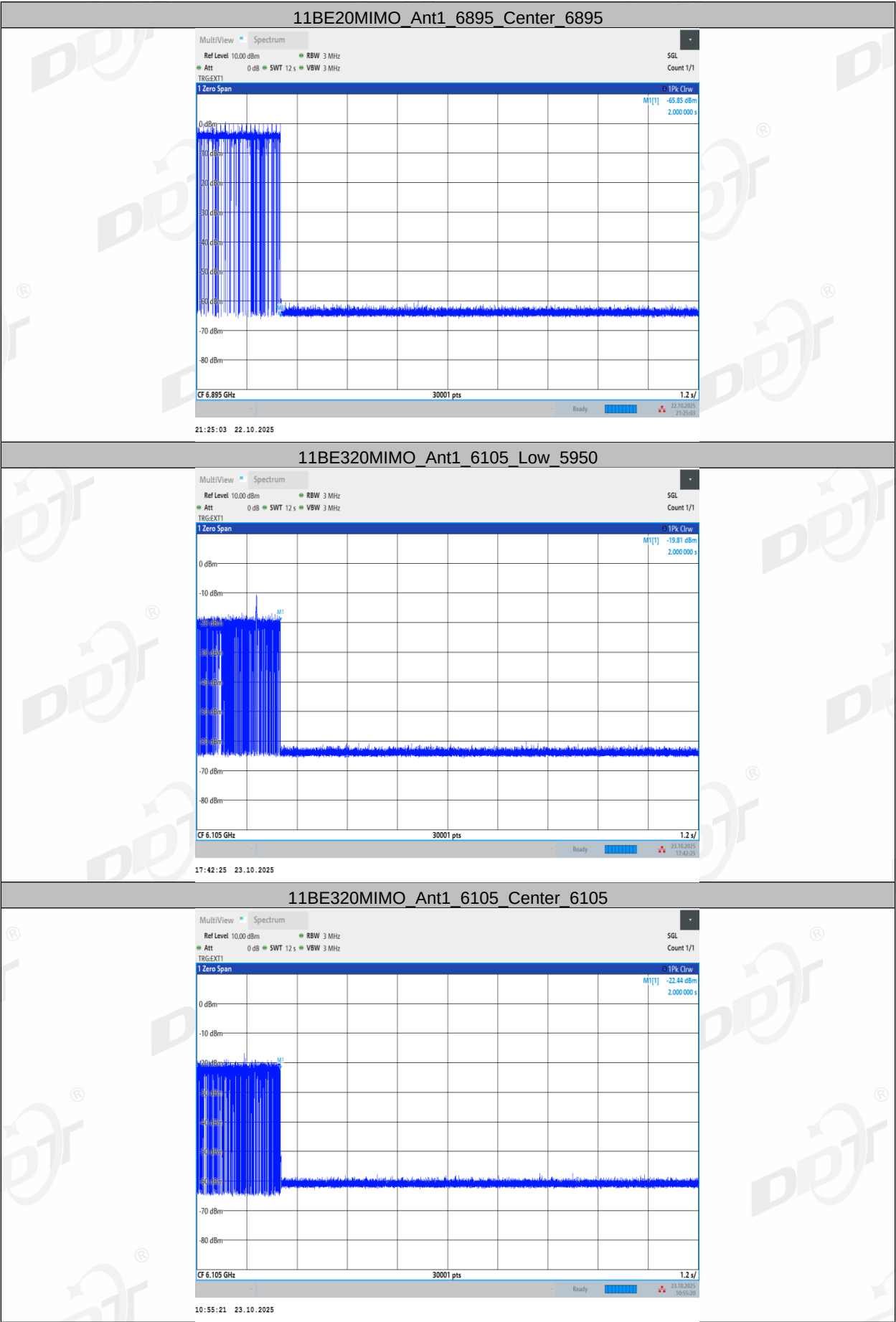
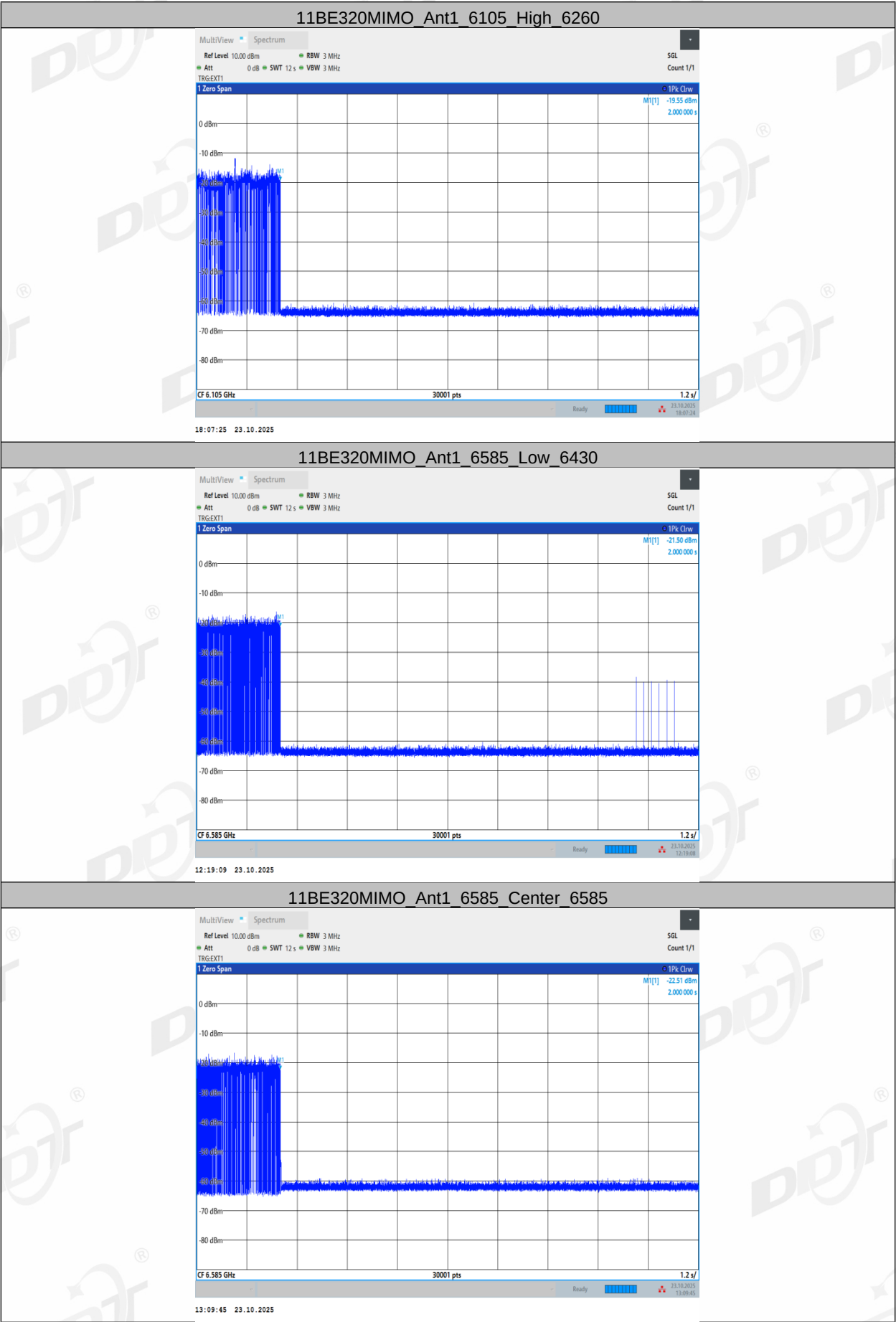
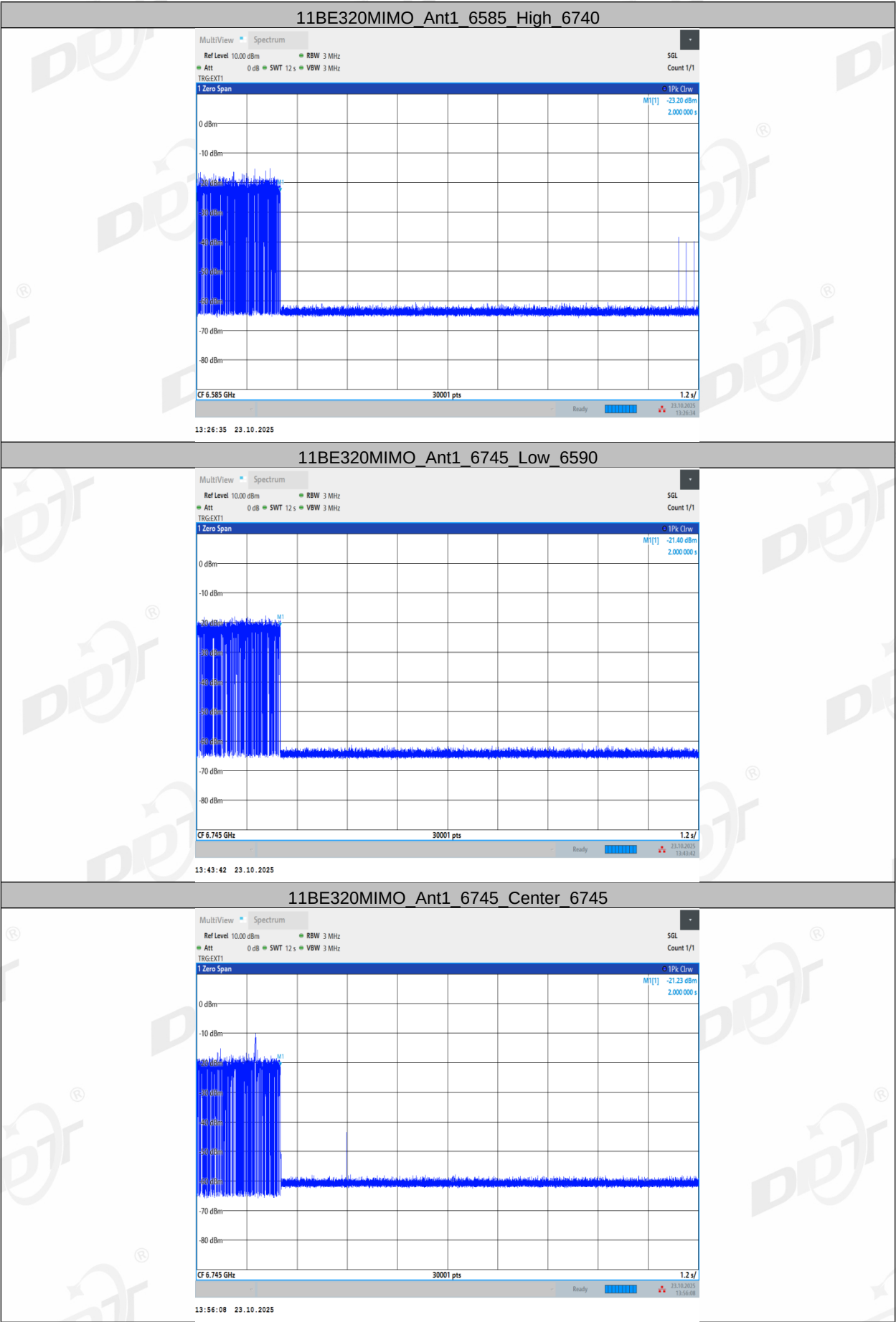
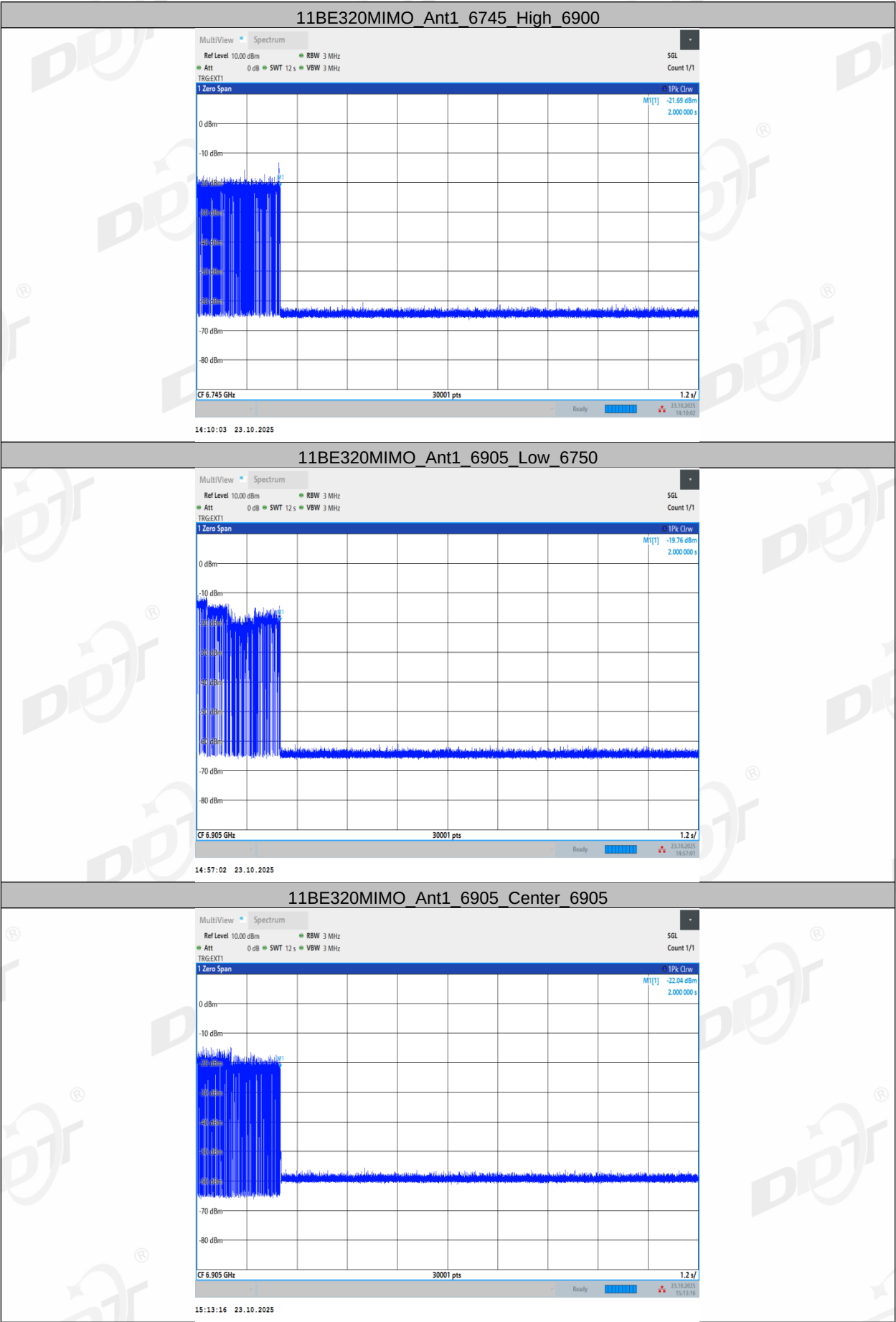


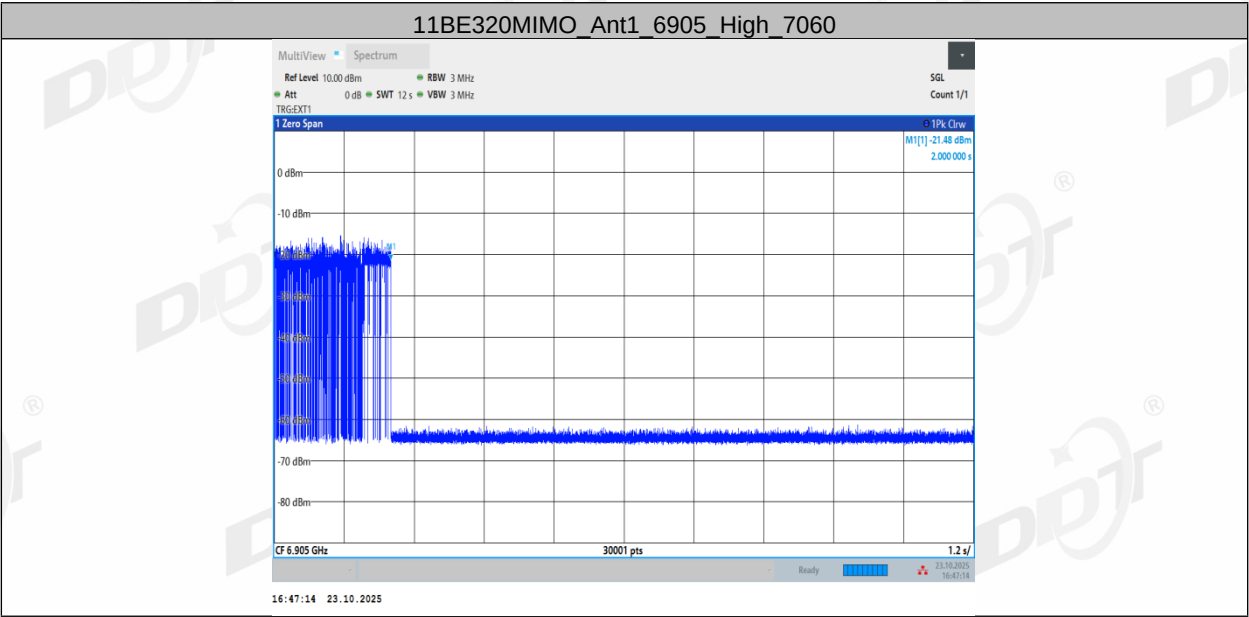












11. Frequency Stability Measurement

11.1. Limit of Frequency Stability

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 user’s manual.

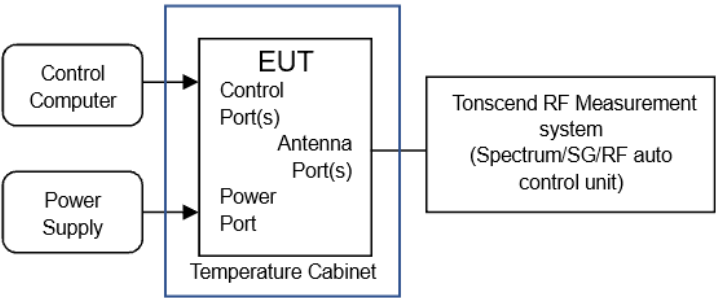
11.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

11.3. Test procedures

- (1) To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
- (2) The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10 dB lower than the measured peak value.
- (3) The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

11.4. Test setup



11.5. Test result

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	25.6°C,43.1%RH	Test Date:	2025.06.27-2025.10.25
Test Power Supply:	AC 120V/60Hz	Sample Number:	S25062705-003

Voltage								
TestMod e	Antenna	Frequency [MHz]	Voltag e [Vdc]	Temperatur e (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdic t
11BE20 MIMO	Ant1	5955	LV	NT	-20000.00	-3.358522	20	PASS
			HV	NT	-20000.00	-3.358522	20	PASS
			NV	NT	-20000.00	-3.358522	20	PASS
	Ant2	5955	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.358522	20	PASS
			HV	NT	-20000.00	-3.358522	20	PASS
	Ant3	5955	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.358522	20	PASS
			HV	NT	-20000.00	-3.358522	20	PASS
	Ant1	6175	NV	NT	-20000.00	-3.238866	20	PASS
			LV	NT	-20000.00	-3.238866	20	PASS
			HV	NT	-20000.00	-3.238866	20	PASS
	Ant2	6175	LV	NT	-20000.00	-3.238866	20	PASS
			HV	NT	-20000.00	-3.238866	20	PASS
			NV	NT	-20000.00	-3.238866	20	PASS
	Ant3	6175	LV	NT	-20000.00	-3.238866	20	PASS
			HV	NT	-20000.00	-3.238866	20	PASS
			NV	NT	-20000.00	-3.238866	20	PASS
	Ant1	6415	NV	NT	-20000.00	-3.117693	20	PASS
			LV	NT	-20000.00	-3.117693	20	PASS
			HV	NT	-20000.00	-3.117693	20	PASS
	Ant2	6415	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6415	HV	NT	-20000.00	-3.117693	20	PASS
			NV	NT	-20000.00	-3.117693	20	PASS
			LV	NT	-20000.00	-3.117693	20	PASS
	Ant1	6435	HV	NT	-20000.00	-3.108003	20	PASS
			LV	NT	-20000.00	-3.108003	20	PASS
			NV	NT	-20000.00	-3.108003	20	PASS
	Ant2	6435	NV	NT	-20000.00	-3.108003	20	PASS
			LV	NT	-20000.00	-3.108003	20	PASS
			HV	NT	-20000.00	-3.108003	20	PASS
	Ant3	6435	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.108003	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6475	NV	NT	-20000.00	-3.088803	20	PASS
			LV	NT	-20000.00	-3.088803	20	PASS
			HV	NT	-20000.00	-3.088803	20	PASS
	Ant2	6475	LV	NT	-20000.00	-3.088803	20	PASS
			HV	NT	-20000.00	-3.088803	20	PASS
			NV	NT	-20000.00	-3.088803	20	PASS
	Ant3	6475	LV	NT	-20000.00	-3.088803	20	PASS
			HV	NT	-20000.00	-3.088803	20	PASS
			NV	NT	-20000.00	-3.088803	20	PASS
	Ant1	6515	NV	NT	-20000.00	-3.069839	20	PASS
			LV	NT	-20000.00	-3.069839	20	PASS
			HV	NT	-20000.00	-3.069839	20	PASS
	Ant2	6515	NV	NT	-20000.00	-3.069839	20	PASS
			LV	NT	-20000.00	-3.069839	20	PASS
			HV	NT	-20000.00	-3.069839	20	PASS
	Ant3	6515	NV	NT	-20000.00	-3.069839	20	PASS
			LV	NT	-20000.00	-3.069839	20	PASS

Ant1	6535	HV	NT	-20000.00	-3.069839	20	PASS
		NV	NT	-20000.00	-3.060444	20	PASS
		HV	NT	-20000.00	-3.060444	20	PASS
		LV	NT	-20000.00	-3.060444	20	PASS
Ant2	6535	NV	NT	-20000.00	-3.060444	20	PASS
		LV	NT	-20000.00	-3.060444	20	PASS
		HV	NT	-20000.00	-3.060444	20	PASS
Ant3	6535	NV	NT	-20000.00	-3.060444	20	PASS
		LV	NT	-20000.00	-3.060444	20	PASS
		HV	NT	-20000.00	-3.060444	20	PASS
Ant1	6695	NV	NT	0.00	0.000000	20	PASS
		LV	NT	-20000.00	-2.987304	20	PASS
		HV	NT	-20000.00	-2.987304	20	PASS
Ant2	6695	LV	NT	-20000.00	-2.987304	20	PASS
		HV	NT	-20000.00	-2.987304	20	PASS
		NV	NT	-20000.00	-2.987304	20	PASS
Ant3	6695	LV	NT	-20000.00	-2.987304	20	PASS
		HV	NT	-20000.00	-2.987304	20	PASS
		NV	NT	-20000.00	-2.987304	20	PASS
Ant1	6855	NV	NT	-20000.00	-2.917578	20	PASS
		LV	NT	-20000.00	-2.917578	20	PASS
		HV	NT	-20000.00	-2.917578	20	PASS
Ant2	6855	NV	NT	-20000.00	-2.917578	20	PASS
		LV	NT	-20000.00	-2.917578	20	PASS
		HV	NT	-20000.00	-2.917578	20	PASS
Ant3	6855	NV	NT	-20000.00	-2.917578	20	PASS
		LV	NT	-20000.00	-2.917578	20	PASS
		HV	NT	-20000.00	-2.917578	20	PASS
Ant1	6875	NV	NT	-20000.00	-2.909091	20	PASS
		LV	NT	-20000.00	-2.909091	20	PASS
		HV	NT	-20000.00	-2.909091	20	PASS
Ant2	6875	NV	NT	0.00	0.000000	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		HV	NT	-20000.00	-2.909091	20	PASS
Ant3	6875	NV	NT	-20000.00	-2.909091	20	PASS
		LV	NT	-20000.00	-2.909091	20	PASS
		HV	NT	-20000.00	-2.909091	20	PASS
Ant1	6895	NV	NT	-20000.00	-2.900653	20	PASS
		LV	NT	-20000.00	-2.900653	20	PASS
		HV	NT	-20000.00	-2.900653	20	PASS
Ant2	6895	HV	NT	-20000.00	-2.900653	20	PASS
		NV	NT	-20000.00	-2.900653	20	PASS
		LV	NT	-20000.00	-2.900653	20	PASS
Ant3	6895	HV	NT	-20000.00	-2.900653	20	PASS
		NV	NT	-20000.00	-2.900653	20	PASS
		LV	NT	-20000.00	-2.900653	20	PASS
Ant1	6995	NV	NT	-20000.00	-2.859185	20	PASS
		LV	NT	-20000.00	-2.859185	20	PASS
		HV	NT	-20000.00	-2.859185	20	PASS
Ant2	6995	NV	NT	-20000.00	-2.859185	20	PASS
		LV	NT	-20000.00	-2.859185	20	PASS
		HV	NT	-20000.00	-2.859185	20	PASS
Ant3	6995	NV	NT	-20000.00	-2.859185	20	PASS
		LV	NT	-20000.00	-2.859185	20	PASS
		HV	NT	-20000.00	-2.859185	20	PASS
Ant1	7115	HV	NT	-20000.00	-2.810963	20	PASS
		LV	NT	-20000.00	-2.810963	20	PASS
		NV	NT	-20000.00	-2.810963	20	PASS
Ant2	7115	LV	NT	-20000.00	-2.810963	20	PASS
		HV	NT	-20000.00	-2.810963	20	PASS
		NV	NT	-20000.00	-2.810963	20	PASS
Ant3	7115	NV	NT	-20000.00	-2.810963	20	PASS
		LV	NT	-20000.00	-2.810963	20	PASS
		HV	NT	-20000.00	-2.810963	20	PASS

11BE40 MIMO	Ant1	5965	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5965	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	5965	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6165	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6165	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6165	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6405	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
	Ant2	6405	HV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant3	6405	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6445	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6445	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6445	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	6485	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	6485	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-6.168080	20	PASS
	Ant3	6485	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6525	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
	Ant2	6525	HV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant3	6525	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6565	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6565	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6565	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	6685	LV	NT	0.00	0.000000	20	PASS

	Ant2	6685	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant3	6685	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	6845	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	6845	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant3	6845	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	6885	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	6885	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant3	6885	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	6925	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	6925	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant3	6925	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	6965	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	6965	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant3	6965	LV	NT	-40000.00	-5.743001	20	PASS
			HV	NT	-40000.00	-5.743001	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	7085	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	7085	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant3	7085	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
11BE80 MIMO	Ant1	5985	LV	NT	0.00	0.000000	20	PASS
			HV	NT	-80000.00	-13.366750	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	5985	LV	NT	-80000.00	-13.366750	20	PASS
			HV	NT	-80000.00	-13.366750	20	PASS
			NV	NT	-80000.00	-13.366750	20	PASS
	Ant3	5985	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	6145	LV	NT	-80000.00	-13.018714	20	PASS
			HV	NT	-80000.00	-13.018714	20	PASS
			NV	NT	-80000.00	-13.018714	20	PASS

Ant2	6145	HV	NT	-80000.00	-13.018714	20	PASS
		NV	NT	-80000.00	-13.018714	20	PASS
		LV	NT	-80000.00	-13.018714	20	PASS
		HV	NT	-80000.00	-13.018714	20	PASS
Ant3	6145	NV	NT	-80000.00	-13.018714	20	PASS
		LV	NT	-80000.00	-13.018714	20	PASS
		HV	NT	-80000.00	-13.018714	20	PASS
Ant1	6385	NV	NT	-80000.00	-12.529366	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		HV	NT	-80000.00	-12.529366	20	PASS
Ant2	6385	NV	NT	-80000.00	-12.529366	20	PASS
		LV	NT	-80000.00	-12.529366	20	PASS
		HV	NT	-80000.00	-12.529366	20	PASS
Ant3	6385	HV	NT	0.00	0.000000	20	PASS
		NV	NT	0.00	0.000000	20	PASS
		LV	NT	-80000.00	-12.529366	20	PASS
Ant1	6465	HV	NT	-80000.00	-12.374323	20	PASS
		NV	NT	-80000.00	-12.374323	20	PASS
		LV	NT	-80000.00	-12.374323	20	PASS
Ant2	6465	NV	NT	-80000.00	-12.374323	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		HV	NT	-80000.00	-12.374323	20	PASS
Ant3	6465	NV	NT	-80000.00	-12.374323	20	PASS
		LV	NT	-80000.00	-12.374323	20	PASS
		HV	NT	0.00	0.000000	20	PASS
Ant1	6545	NV	NT	-80000.00	-12.223071	20	PASS
		LV	NT	-80000.00	-12.223071	20	PASS
		HV	NT	-80000.00	-12.223071	20	PASS
Ant2	6545	HV	NT	-80000.00	-12.223071	20	PASS
		LV	NT	-80000.00	-12.223071	20	PASS
		NV	NT	-80000.00	-12.223071	20	PASS
Ant3	6545	LV	NT	-80000.00	-12.223071	20	PASS
		HV	NT	-80000.00	-12.223071	20	PASS
		NV	NT	-80000.00	-12.223071	20	PASS
Ant1	6625	NV	NT	-80000.00	-12.075472	20	PASS
		LV	NT	-80000.00	-12.075472	20	PASS
		HV	NT	-80000.00	-12.075472	20	PASS
Ant2	6625	NV	NT	0.00	0.000000	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		HV	NT	-80000.00	-12.075472	20	PASS
Ant3	6625	NV	NT	0.00	0.000000	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		HV	NT	80000.00	12.075472	20	PASS
Ant1	6705	NV	NT	-80000.00	-11.931394	20	PASS
		LV	NT	-80000.00	-11.931394	20	PASS
		HV	NT	-80000.00	-11.931394	20	PASS
Ant2	6705	NV	NT	-80000.00	-11.931394	20	PASS
		LV	NT	-80000.00	-11.931394	20	PASS
		HV	NT	-80000.00	-11.931394	20	PASS
Ant3	6705	NV	NT	-80000.00	-11.931394	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		HV	NT	-80000.00	-11.931394	20	PASS
Ant1	6785	NV	NT	-80000.00	-11.790715	20	PASS
		LV	NT	-80000.00	-11.790715	20	PASS
		HV	NT	-80000.00	-11.790715	20	PASS
Ant2	6785	HV	NT	-80000.00	-11.790715	20	PASS
		NV	NT	-80000.00	-11.790715	20	PASS
		LV	NT	-80000.00	-11.790715	20	PASS
Ant3	6785	HV	NT	-80000.00	-11.790715	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		NV	NT	-80000.00	-11.790715	20	PASS
Ant1	6865	NV	NT	-80000.00	-11.653314	20	PASS
		LV	NT	-80000.00	-11.653314	20	PASS
		HV	NT	-80000.00	-11.653314	20	PASS

11BE160 MIMO	Ant2	6865	NV	NT	-80000.00	-11.653314	20	PASS
			LV	NT	-80000.00	-11.653314	20	PASS
			HV	NT	-80000.00	-11.653314	20	PASS
	Ant3	6865	NV	NT	-80000.00	-11.653314	20	PASS
			LV	NT	-80000.00	-11.653314	20	PASS
			HV	NT	-80000.00	-11.653314	20	PASS
	Ant1	6945	LV	NT	80000.00	11.519078	20	PASS
			HV	NT	80000.00	11.519078	20	PASS
			NV	NT	80000.00	11.519078	20	PASS
	Ant2	6945	LV	NT	-80000.00	-11.519078	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	80000.00	11.519078	20	PASS
	Ant3	6945	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-80000.00	-11.519078	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	7025	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	7025	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
	Ant3	7025	HV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			NV	NT	-80000.00	-11.387900	20	PASS
	Ant1	6025	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6025	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6025	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6185	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	6185	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant3	6185	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6345	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6345	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6345	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6505	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6505	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6505	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6665	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
	Ant2	6665	HV	NT	0.00	0.000000	20	PASS

11BE320 MIMO	Ant3	6665	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	6825	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant2	6825	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant3	6825	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	6985	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6985	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6985	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6105	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
	Ant2	6105	HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
	Ant3	6105	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6265	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6265	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6265	LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
	Ant1	6585	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6585	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6585	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	6745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	6905	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	6905	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS

	Ant3	6905	HV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11BE20MIMO	Ant1	5955	NV	0	-20000	-3.358522	20	PASS
			NV	10	-20000	-3.358522	20	PASS
			NV	20	-20000	-3.358522	20	PASS
			NV	30	-20000	-3.358522	20	PASS
			NV	40	-20000	-3.358522	20	PASS
	Ant2	5955	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.358522	20	PASS
			NV	40	0	0	20	PASS
	Ant3	5955	NV	0	-20000	-3.358522	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant1	6175	NV	0	-20000	-3.238866	20	PASS
			NV	10	-20000	-3.238866	20	PASS
			NV	20	-20000	-3.238866	20	PASS
			NV	30	-20000	-3.238866	20	PASS
			NV	40	-20000	-3.238866	20	PASS
	Ant2	6175	NV	0	-20000	-3.238866	20	PASS
			NV	10	-20000	-3.238866	20	PASS
			NV	20	-20000	-3.238866	20	PASS
			NV	30	-20000	-3.238866	20	PASS
			NV	40	-20000	-3.238866	20	PASS
	Ant3	6175	NV	0	-20000	-3.238866	20	PASS
			NV	10	-20000	-3.238866	20	PASS
			NV	20	-20000	-3.238866	20	PASS
			NV	30	-20000	-3.238866	20	PASS
			NV	40	-20000	-3.238866	20	PASS
	Ant1	6415	NV	0	-20000	-3.117693	20	PASS
			NV	10	-20000	-3.117693	20	PASS
			NV	20	-20000	-3.117693	20	PASS
			NV	30	-20000	-3.117693	20	PASS
			NV	40	-20000	-3.117693	20	PASS
	Ant2	6415	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS

			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant3	6415	NV	0	-20000	-3.117693	20	PASS
			NV	10	-20000	-3.117693	20	PASS
			NV	20	-20000	-3.117693	20	PASS
			NV	30	-20000	-3.117693	20	PASS
			NV	40	-20000	-3.117693	20	PASS
	Ant1	6435	NV	0	-20000	-3.108003	20	PASS
			NV	10	-20000	-3.108003	20	PASS
			NV	20	-20000	-3.108003	20	PASS
			NV	30	-20000	-3.108003	20	PASS
			NV	40	-20000	-3.108003	20	PASS
	Ant2	6435	NV	0	-20000	-3.108003	20	PASS
			NV	10	-20000	-3.108003	20	PASS
			NV	20	-20000	-3.108003	20	PASS
			NV	30	-20000	-3.108003	20	PASS
			NV	40	-20000	-3.108003	20	PASS
	Ant3	6435	NV	0	-20000	-3.108003	20	PASS
			NV	10	-20000	-3.108003	20	PASS
			NV	20	-20000	-3.108003	20	PASS
			NV	30	-20000	-3.108003	20	PASS
			NV	40	0	0	20	PASS
	Ant1	6475	NV	0	-20000	-3.088803	20	PASS
			NV	10	-20000	-3.088803	20	PASS
			NV	20	-20000	-3.088803	20	PASS
			NV	30	-20000	-3.088803	20	PASS
			NV	40	-20000	-3.088803	20	PASS
	Ant2	6475	NV	0	-20000	-3.088803	20	PASS
			NV	10	-20000	-3.088803	20	PASS
			NV	20	-20000	-3.088803	20	PASS
			NV	30	-20000	-3.088803	20	PASS
			NV	40	-20000	-3.088803	20	PASS
	Ant3	6475	NV	0	-20000	-3.088803	20	PASS
			NV	10	-20000	-3.088803	20	PASS
			NV	20	-20000	-3.088803	20	PASS
			NV	30	-20000	-3.088803	20	PASS
			NV	40	-20000	-3.088803	20	PASS
	Ant1	6515	NV	0	-20000	-3.069839	20	PASS
			NV	10	-20000	-3.069839	20	PASS
			NV	20	-20000	-3.069839	20	PASS
			NV	30	-20000	-3.069839	20	PASS
			NV	40	-20000	-3.069839	20	PASS
	Ant2	6515	NV	0	-20000	-3.069839	20	PASS
			NV	10	-20000	-3.069839	20	PASS
			NV	20	-20000	-3.069839	20	PASS

			NV	30	-20000	-3.069839	20	PASS
			NV	40	-20000	-3.069839	20	PASS
	Ant3	6515	NV	0	-20000	-3.069839	20	PASS
			NV	10	-20000	-3.069839	20	PASS
			NV	20	-20000	-3.069839	20	PASS
			NV	30	-20000	-3.069839	20	PASS
			NV	40	-20000	-3.069839	20	PASS
	Ant1	6535	NV	0	-20000	-3.060444	20	PASS
			NV	10	-20000	-3.060444	20	PASS
			NV	20	-20000	-3.060444	20	PASS
			NV	30	-20000	-3.060444	20	PASS
			NV	40	-20000	-3.060444	20	PASS
	Ant2	6535	NV	0	-20000	-3.060444	20	PASS
			NV	10	-20000	-3.060444	20	PASS
			NV	20	-20000	-3.060444	20	PASS
			NV	30	-20000	-3.060444	20	PASS
			NV	40	-20000	-3.060444	20	PASS
	Ant3	6535	NV	0	-20000	-3.060444	20	PASS
			NV	10	-20000	-3.060444	20	PASS
			NV	20	-20000	-3.060444	20	PASS
			NV	30	-20000	-3.060444	20	PASS
			NV	40	-20000	-3.060444	20	PASS
	Ant1	6695	NV	0	-20000	-2.987304	20	PASS
			NV	10	-20000	-2.987304	20	PASS
			NV	20	-20000	-2.987304	20	PASS
			NV	30	-20000	-2.987304	20	PASS
			NV	40	-20000	-2.987304	20	PASS
	Ant2	6695	NV	0	-20000	-2.987304	20	PASS
			NV	10	-20000	-2.987304	20	PASS
			NV	20	-20000	-2.987304	20	PASS
			NV	30	-20000	-2.987304	20	PASS
			NV	40	-20000	-2.987304	20	PASS
	Ant3	6695	NV	0	-20000	-2.987304	20	PASS
			NV	10	-20000	-2.987304	20	PASS
			NV	20	-20000	-2.987304	20	PASS
			NV	30	-20000	-2.987304	20	PASS
			NV	40	-20000	-2.987304	20	PASS
	Ant1	6855	NV	0	-20000	-2.917578	20	PASS
			NV	10	-20000	-2.917578	20	PASS
			NV	20	-20000	-2.917578	20	PASS
			NV	30	-20000	-2.917578	20	PASS
			NV	40	-20000	-2.917578	20	PASS
	Ant2	6855	NV	0	-20000	-2.917578	20	PASS
			NV	10	-40000	-5.835157	20	PASS
			NV	20	-40000	-5.835157	20	PASS

			NV	30	-40000	-5.835157	20	PASS
			NV	40	-40000	-5.835157	20	PASS
	Ant3	6855	NV	0	-20000	-2.917578	20	PASS
			NV	10	-20000	-2.917578	20	PASS
			NV	20	-20000	-2.917578	20	PASS
			NV	30	-20000	-2.917578	20	PASS
			NV	40	-20000	-2.917578	20	PASS
	Ant1	6875	NV	0	-20000	-2.909091	20	PASS
			NV	10	-20000	-2.909091	20	PASS
			NV	20	-20000	-2.909091	20	PASS
			NV	30	-20000	-2.909091	20	PASS
			NV	40	-20000	-2.909091	20	PASS
	Ant2	6875	NV	0	0	0	20	PASS
			NV	10	-20000	-2.909091	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-2.909091	20	PASS
			NV	40	0	0	20	PASS
	Ant3	6875	NV	0	-20000	-2.909091	20	PASS
			NV	10	-20000	-2.909091	20	PASS
			NV	20	-20000	-2.909091	20	PASS
			NV	30	-20000	-2.909091	20	PASS
			NV	40	-20000	-2.909091	20	PASS
	Ant1	6895	NV	0	-20000	-2.900653	20	PASS
			NV	10	-20000	-2.900653	20	PASS
			NV	20	-20000	-2.900653	20	PASS
			NV	30	-20000	-2.900653	20	PASS
			NV	40	-20000	-2.900653	20	PASS
	Ant2	6895	NV	0	-20000	-2.900653	20	PASS
			NV	10	-20000	-2.900653	20	PASS
			NV	20	-20000	-2.900653	20	PASS
			NV	30	-20000	-2.900653	20	PASS
			NV	40	-20000	-2.900653	20	PASS
	Ant3	6895	NV	0	-20000	-2.900653	20	PASS
			NV	10	-20000	-2.900653	20	PASS
			NV	20	-20000	-2.900653	20	PASS
			NV	30	-20000	-2.900653	20	PASS
			NV	40	-20000	-2.900653	20	PASS
	Ant1	6995	NV	0	-20000	-2.859185	20	PASS
			NV	10	-20000	-2.859185	20	PASS
			NV	20	-20000	-2.859185	20	PASS
			NV	30	-20000	-2.859185	20	PASS
			NV	40	-40000	-5.71837	20	PASS
	Ant2	6995	NV	0	-20000	-2.859185	20	PASS
			NV	10	-20000	-2.859185	20	PASS
			NV	20	-20000	-2.859185	20	PASS

			NV	30	-20000	-2.859185	20	PASS
			NV	40	-20000	-2.859185	20	PASS
	Ant3	6995	NV	0	-20000	-2.859185	20	PASS
			NV	10	-20000	-2.859185	20	PASS
			NV	20	-20000	-2.859185	20	PASS
			NV	30	-20000	-2.859185	20	PASS
			NV	40	-20000	-2.859185	20	PASS
	Ant1	7115	NV	0	-20000	-2.810963	20	PASS
			NV	10	-20000	-2.810963	20	PASS
			NV	20	-20000	-2.810963	20	PASS
			NV	30	-20000	-2.810963	20	PASS
			NV	40	-20000	-2.810963	20	PASS
	Ant2	7115	NV	0	-20000	-2.810963	20	PASS
			NV	10	-20000	-2.810963	20	PASS
			NV	20	-20000	-2.810963	20	PASS
			NV	30	-20000	-2.810963	20	PASS
			NV	40	-20000	-2.810963	20	PASS
	Ant3	7115	NV	0	-20000	-2.810963	20	PASS
			NV	10	-20000	-2.810963	20	PASS
			NV	20	-20000	-2.810963	20	PASS
			NV	30	-20000	-2.810963	20	PASS
			NV	40	-20000	-2.810963	20	PASS
11BE40MIMO	Ant1	5965	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant2	5965	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant3	5965	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant1	6165	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant2	6165	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS

			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant3	6165	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant1	6405	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant2	6405	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant3	6405	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant1	6445	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant2	6445	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant3	6445	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant1	6485	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant2	6485	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS

			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant3	6485	NV	0	0	0	20	PASS
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	Ant2	5985	NV	0	-80000	-13.36675	20	PASS
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	Ant2	6145	NV	10	-80000	-13.018714	20	PASS
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			NV	40	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant3	6585	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant1	6745	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant2	6745	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS

			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant3	6745	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant1	6905	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant2	6905	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
	Ant3	6905	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS

12. Antenna Requirements

12.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For intentional device, according to RSS-Gen issue 5 section 6.8.

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

12.2. Result

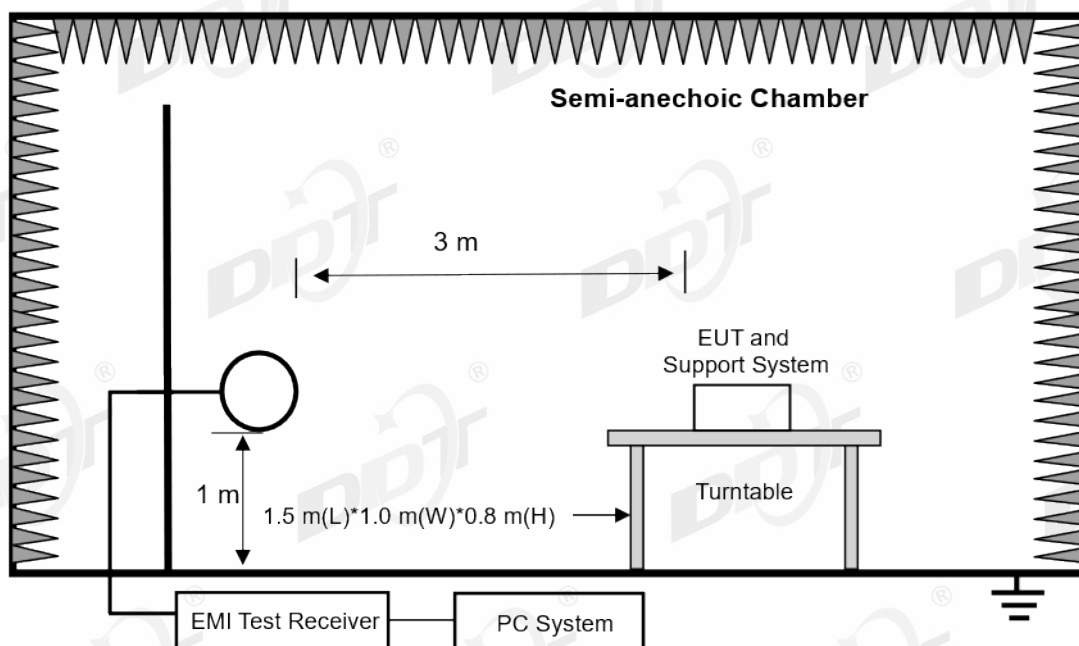
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

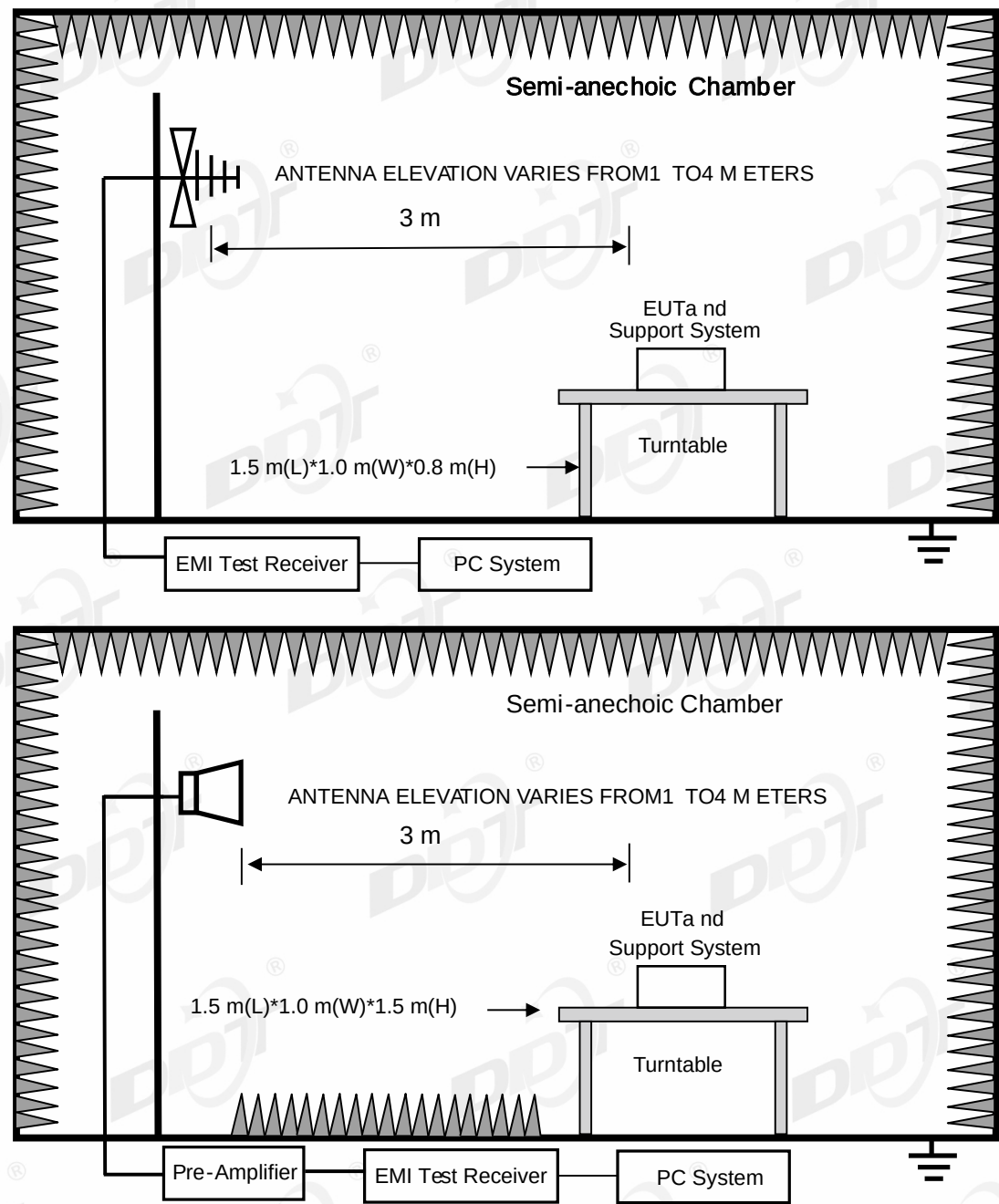
13. Radiated Emission

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	/
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2026/08/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

13.2. Block diagram of test setup





13.3. Limits

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
10.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7

6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

1Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

2Above 38.6

RSS-Gen section 8.10 Restricted frequency bands*

MHz	MHz	MHz	GHz
0.090-0.110	12.51975-12.52025	240-285	3.5-4.4
0.495-0.505	12.57675-12.57725	322-335.4	4.5-5.15
2.1735-2.1905	13.36-13.41	399.9-410	5.35-5.46
3.020-3.026	16.42-16.423	608-614	7.25-7.75
4.125-4.128	16.69475-16.69525	960-1427	8.025-8.5
4.1772&4.17775	16.80425-16.80475	1435-1626.5	9.0-9.2
4.2072&4.20775	25.5-25.67	1645.5-1646.5	9.3-9.5
5.677-5.683	37.5-38.25	1660-1710	10.6-12.7
6.215-6.218	73-74.6	1718.8-1722.2	13.25-13.4
6.26775-6.26825	74.8-75.2	2200-2300	14.47-14.5
6.31175-6.31225	108-138	2310-2390	15.35-16.2
8.291-8.294	149.9-150.05	2483.5-2500	17.7-21.4
8.362-8.366	156.52475-156.52525	2655-2900	22.01-23.12
8.37625-8.38675	156.7-156.9	3260-3267	23.6-24.0
8.41425-8.41475	162.0125-167.17	3332-3339	31.2-31.8
12.29-12.293	167.72-173.2	3345.8-3358	36.43-36.5
			Above 38.6

* Certain frequency bands listed in table and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

(2) FCC 15.209 Limit & RSS-Gen section 8.9 Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		uV/m	dBuV/m

0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 dBuV/m (Peak) 54.0 dBuV/m (Average)	

Note:

(1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3m}(\text{dBuV/m}) = \text{Limit}_{30m}(\text{dBuV/m}) + 40\text{Log}(30m/3m)$$

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, and the emissions appearing within RSS-Gen section 8.10 Restricted frequency bands shall not exceed the limits shown in RSS-Gen section 8.9, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits and RSS-Gen section 8.9 limits. Any emissions outside of the 5925-7125 MHz frequency band shall not exceed -27 dBm/MHz e.i.r.p. spectral density

13.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

13.5. Test procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.

(2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m
1 GHz - 18 GHz	Double Ridged Horn Antenna(1 GHz-18 GHz)	3 m

18 GHz - 40 GHz	Horn Antenna(18 GHz-40 GHz)	1 m
-----------------	-----------------------------	-----

According ANSI C63.10 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, Antenna was located 3 m from EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 30MHz, the trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
9 kHz - 150 kHz	200 Hz
150 kHz - 30 MHz	9 kHz
30 MHz - 1 GHz	120 kHz

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10 clause 4.1.5.2.2 procedure for average measure.

(8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.

(9) According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

(10) 30 MHz ~ 40 GHz: (Scan with all mode, the worst case is record and report)

(11) For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with the worst mode.

13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

TX 11AX20 6415MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

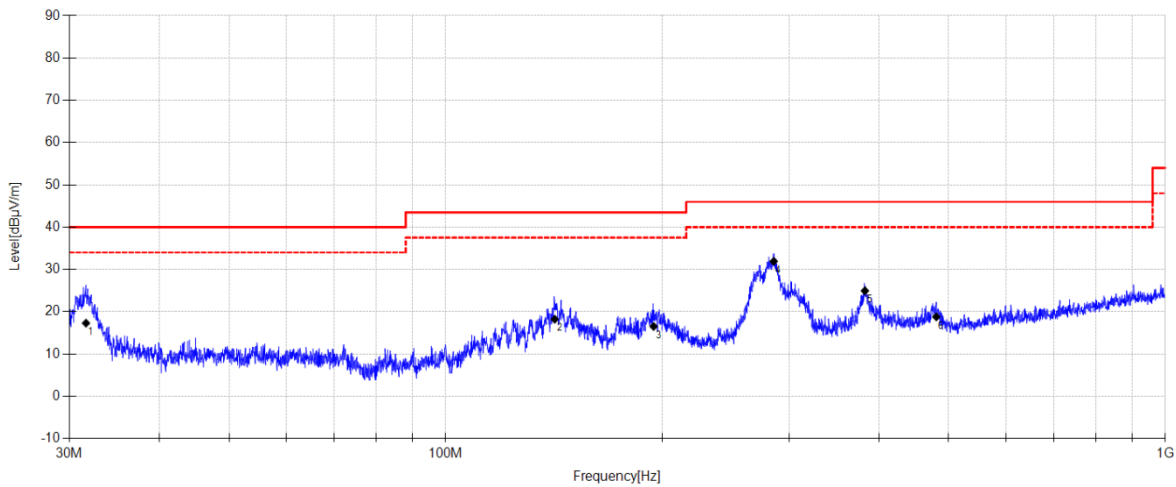
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Below 1G\20250814-203435_H

Memo:

Sample Number:S25062705-004(POE ADAPTER)



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.642	35.18	10.69	3.73	17.30	40.00	22.70	QP	Horizontal
2	141.782	38	8.26	4.31	18.23	43.50	25.27	QP	Horizontal
3	194.517	34.46	10.01	4.45	16.53	43.50	26.97	QP	Horizontal
4	285.649	46.18	13.10	5.04	31.92	46.00	14.08	QP	Horizontal
5	382.393	36.29	15.65	5.49	24.95	46.00	21.05	QP	Horizontal
6	480.598	29.18	16.36	5.84	18.80	46.00	27.20	QP	Horizontal

Note:

- Result Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

TX 11AX20 6415MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

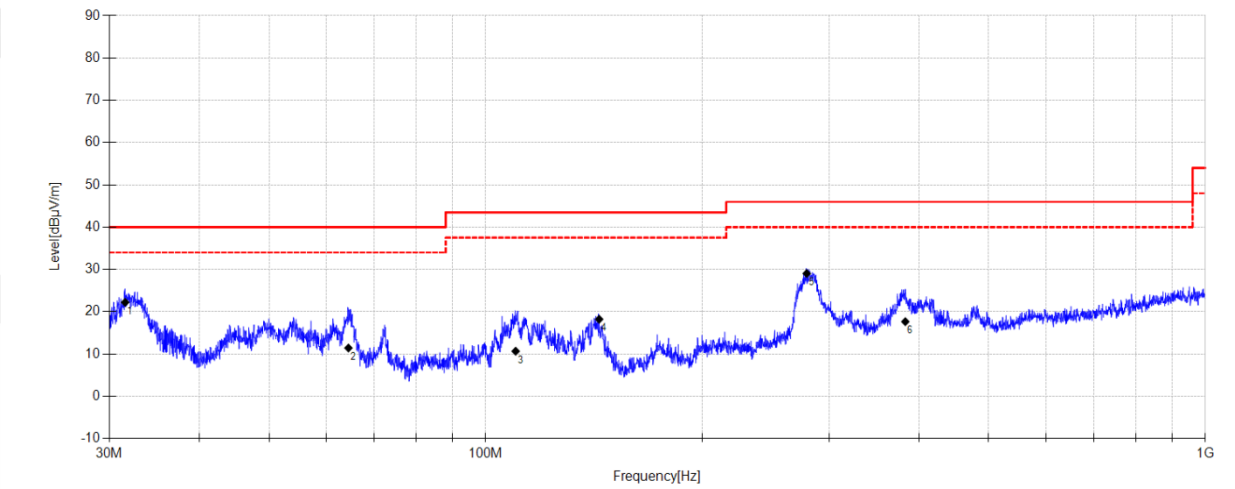
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25062705-004(POE ADAPTER)



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.553	40.16	10.63	3.73	22.22	40.00	17.78	QP	Vertical
2	64.468	27.59	12.15	3.98	11.42	40.00	28.58	QP	Vertical
3	110.076	26.86	11.90	4.22	10.67	43.50	32.83	QP	Vertical
4	143.784	37.56	8.69	4.31	18.22	43.50	25.28	QP	Vertical
5	279.311	43.42	13.02	5.00	29.04	46.00	16.96	QP	Vertical
6	382.930	28.98	15.66	5.49	17.65	46.00	28.35	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

TX 11AX20 6415MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

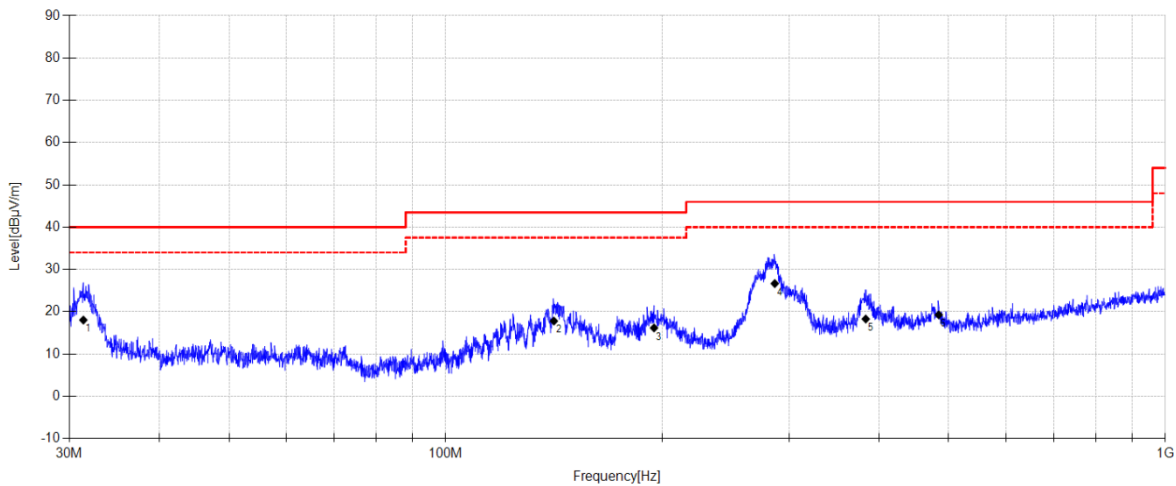
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25062705-004 (POE ADAPTER)



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.377	36.07	10.53	3.73	18.03	40.00	21.97	QP	Horizontal
2	141.385	37.65	8.18	4.31	17.80	43.50	25.70	QP	Horizontal
3	194.790	33.93	10.17	4.46	16.17	43.50	27.33	QP	Horizontal
4	286.652	40.91	13.10	5.05	26.66	46.00	19.34	QP	Horizontal
5	383.467	29.6	15.67	5.49	18.28	46.00	27.72	QP	Horizontal
6	484.319	29.26	16.73	5.86	19.27	46.00	26.73	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-08-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

TX 11AX20 6415MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

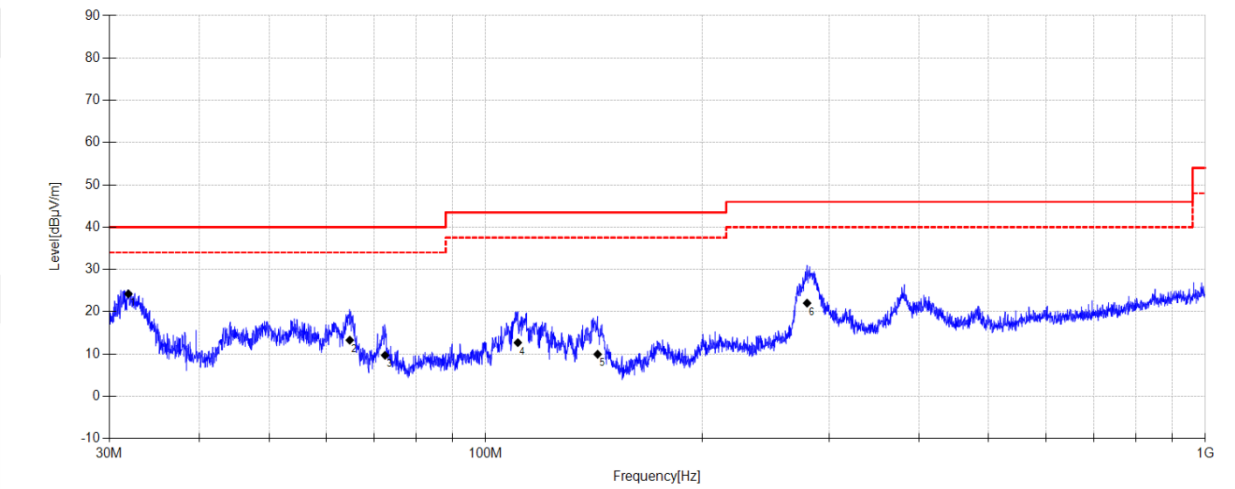
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Memo:

Sample Number:S25062705-004 (POE ADAPTER)



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.887	41.95	10.83	3.74	24.22	40.00	15.78	QP	Vertical
2	64.740	29.46	12.13	3.98	13.27	40.00	26.73	QP	Vertical
3	72.477	28.61	9.36	4.02	9.69	40.00	30.31	QP	Vertical
4	110.850	28.88	11.90	4.22	12.69	43.50	30.81	QP	Vertical
5	143.080	29	8.97	4.31	9.94	43.50	33.56	QP	Vertical
6	279.703	36.37	13.06	5.00	22.03	46.00	23.97	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-28

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 5955MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

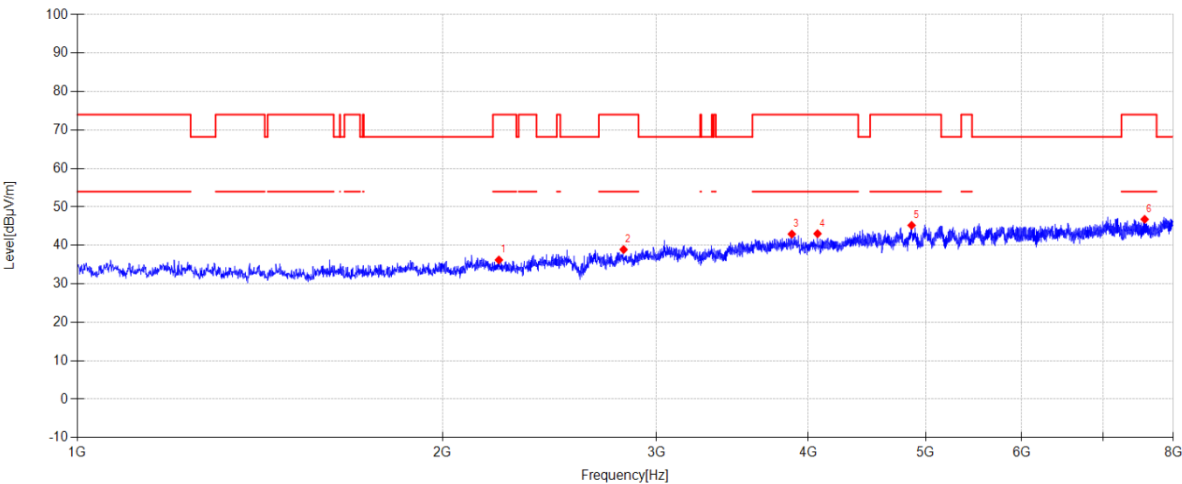
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2225.000	42.95	27.55	4.16	-38.46	36.20	74.00	37.80	PK	Horizontal
2	2819.300	45.77	27.55	4.80	-39.21	38.91	74.00	35.09	PK	Horizontal
3	3879.100	46.25	31.07	5.27	-39.65	42.94	74.00	31.06	PK	Horizontal
4	4073.000	46.25	31.05	5.40	-39.67	43.03	74.00	30.97	PK	Horizontal
5	4868.900	44.98	33.50	6.34	-39.61	45.21	74.00	28.79	PK	Horizontal
6	7576.500	43.21	36.45	7.60	-40.48	46.78	74.00	27.22	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-28

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 5955MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

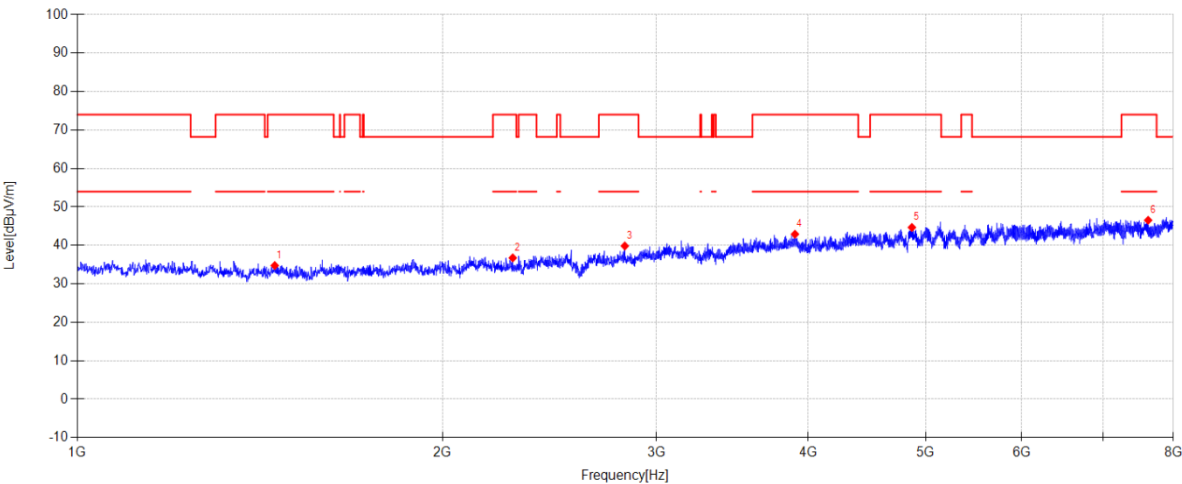
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1454.300	43.53	25.32	3.30	-37.39	34.76	74.00	39.24	PK	Vertical
2	2284.500	44.10	26.96	4.23	-38.54	36.75	74.00	37.25	PK	Vertical
3	2825.600	46.66	27.60	4.81	-39.22	39.85	74.00	34.15	PK	Vertical
4	3902.200	46.08	31.20	5.28	-39.66	42.90	74.00	31.10	PK	Vertical
5	4871.700	44.48	33.45	6.35	-39.61	44.67	74.00	29.33	PK	Vertical
6	7626.900	42.80	36.55	7.63	-40.44	46.54	74.00	27.46	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-28

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6175MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

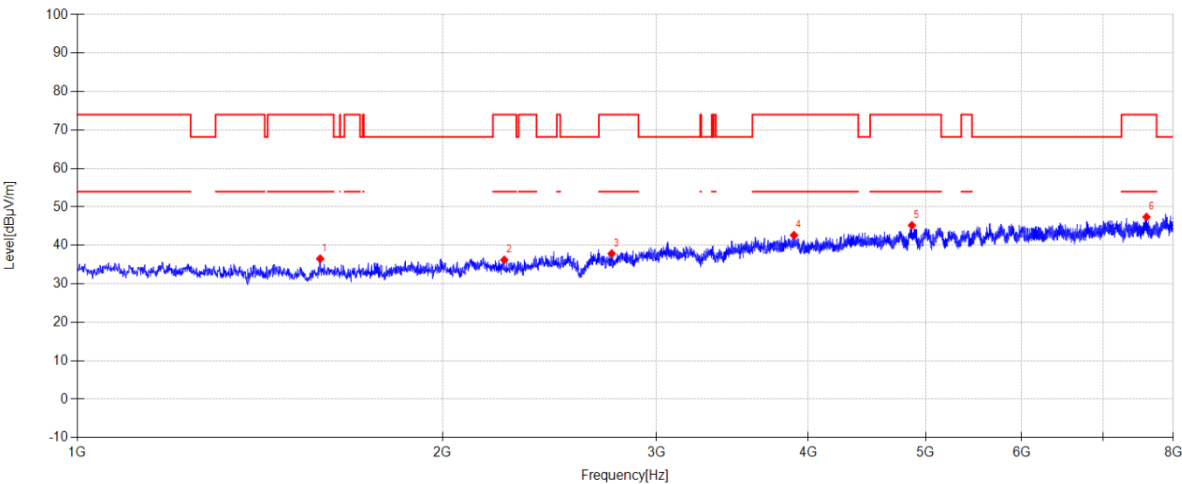
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\31

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1585.200	45.29	25.36	3.45	-37.58	36.52	74.00	37.48	PK	Horizontal
2	2248.100	43.21	27.32	4.19	-38.49	36.23	74.00	37.77	PK	Horizontal
3	2756.300	44.68	27.57	4.74	-39.13	37.86	74.00	36.14	PK	Horizontal
4	3895.200	45.83	31.17	5.28	-39.65	42.63	74.00	31.37	PK	Horizontal
5	4871.700	45.02	33.45	6.35	-39.61	45.21	74.00	28.79	PK	Horizontal
6	7603.100	43.70	36.51	7.62	-40.46	47.37	74.00	26.63	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-28

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6175MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

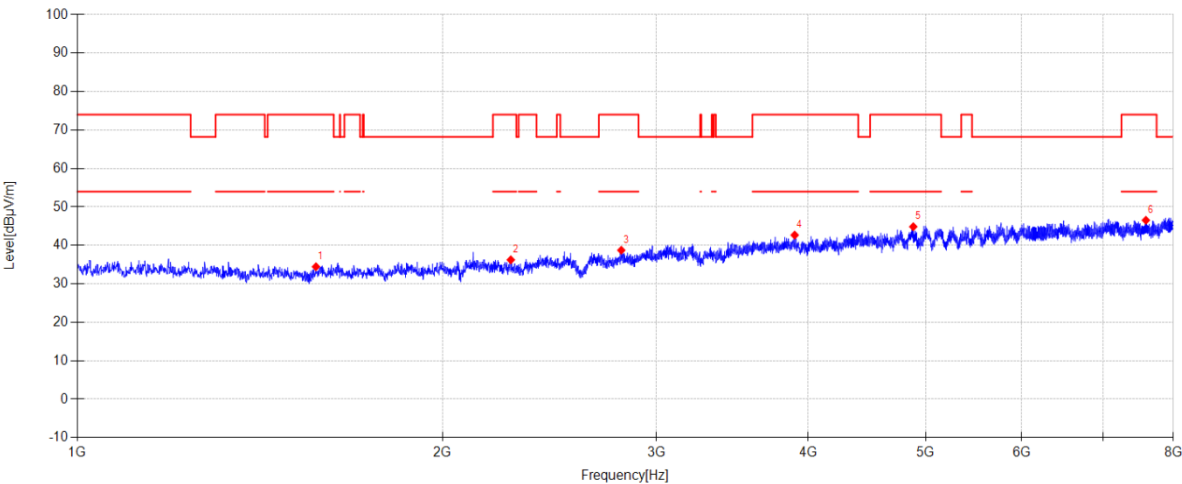
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\32

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1572.600	43.41	25.16	3.44	-37.56	34.45	74.00	39.55	PK	Vertical
2	2276.100	43.51	27.04	4.22	-38.53	36.24	74.00	37.76	PK	Vertical
3	2806.700	45.70	27.45	4.79	-39.20	38.74	74.00	35.26	PK	Vertical
4	3900.100	45.85	31.20	5.28	-39.66	42.67	74.00	31.33	PK	Vertical
5	4884.300	44.86	33.25	6.36	-39.61	44.86	74.00	29.14	PK	Vertical
6	7594.000	42.91	36.49	7.61	-40.47	46.54	74.00	27.46	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-28

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6415MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

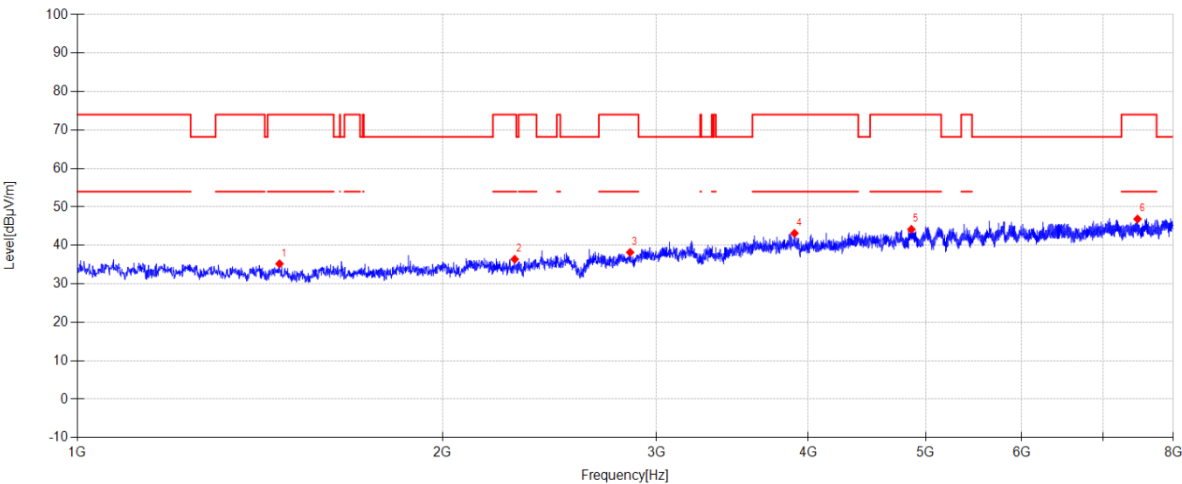
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\33

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1467.600	43.93	25.37	3.32	-37.41	35.21	74.00	38.79	PK	Horizontal
2	2292.900	43.84	26.87	4.24	-38.55	36.40	74.00	37.60	PK	Horizontal
3	2854.300	44.77	27.83	4.84	-39.26	38.18	74.00	35.82	PK	Horizontal
4	3898.700	46.33	31.19	5.28	-39.66	43.14	74.00	30.86	PK	Horizontal
5	4866.800	43.91	33.53	6.34	-39.61	44.17	74.00	29.83	PK	Horizontal
6	7475.000	43.35	36.55	7.53	-40.57	46.86	74.00	27.14	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-28

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6415MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

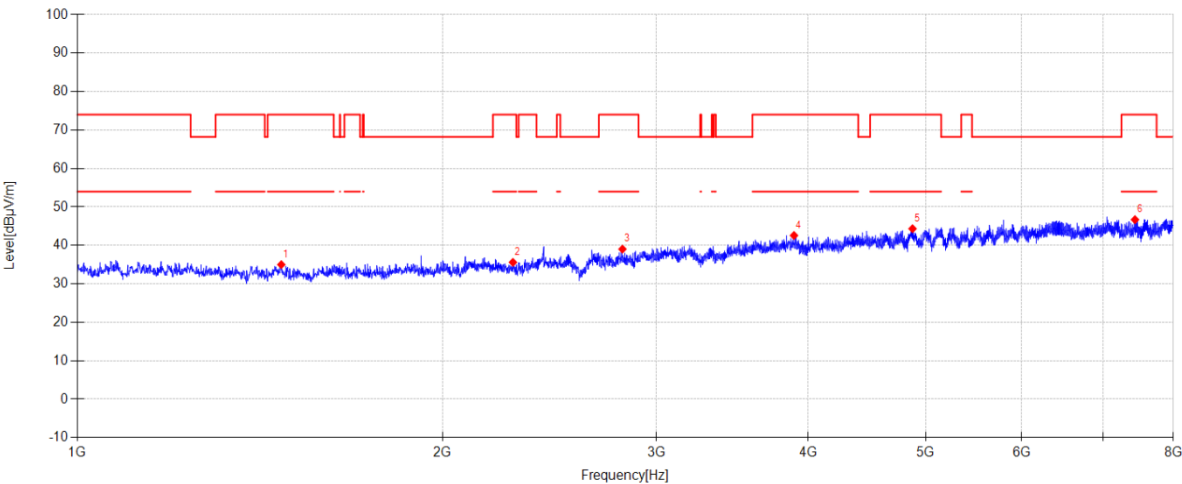
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\34

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1472.500	43.71	25.39	3.32	-37.42	35.00	74.00	39.00	PK	Vertical
2	2285.200	42.95	26.95	4.23	-38.54	35.59	74.00	38.41	PK	Vertical
3	2813.000	45.93	27.50	4.80	-39.20	39.03	74.00	34.97	PK	Vertical
4	3895.200	45.78	31.17	5.28	-39.65	42.58	74.00	31.42	PK	Vertical
5	4877.300	44.23	33.36	6.35	-39.61	44.33	74.00	29.67	PK	Vertical
6	7437.900	43.17	36.62	7.51	-40.61	46.69	74.00	27.31	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-28

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6435MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

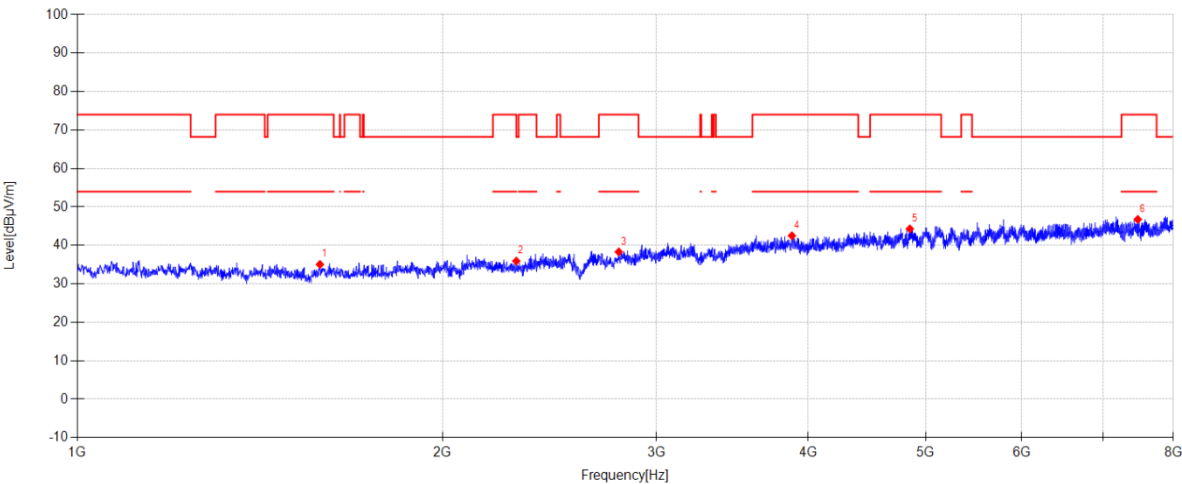
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\35

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1584.500	43.82	25.35	3.45	-37.58	35.04	74.00	38.96	PK	Horizontal
2	2299.900	43.45	26.80	4.24	-38.56	35.93	74.00	38.07	PK	Horizontal
3	2793.400	45.28	27.43	4.78	-39.18	38.31	74.00	35.69	PK	Horizontal
4	3879.800	45.81	31.08	5.27	-39.65	42.51	74.00	31.49	PK	Horizontal
5	4852.800	43.83	33.76	6.32	-39.61	44.30	74.00	29.70	PK	Horizontal
6	7478.500	43.25	36.54	7.54	-40.57	46.76	74.00	27.24	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-28

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6435MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

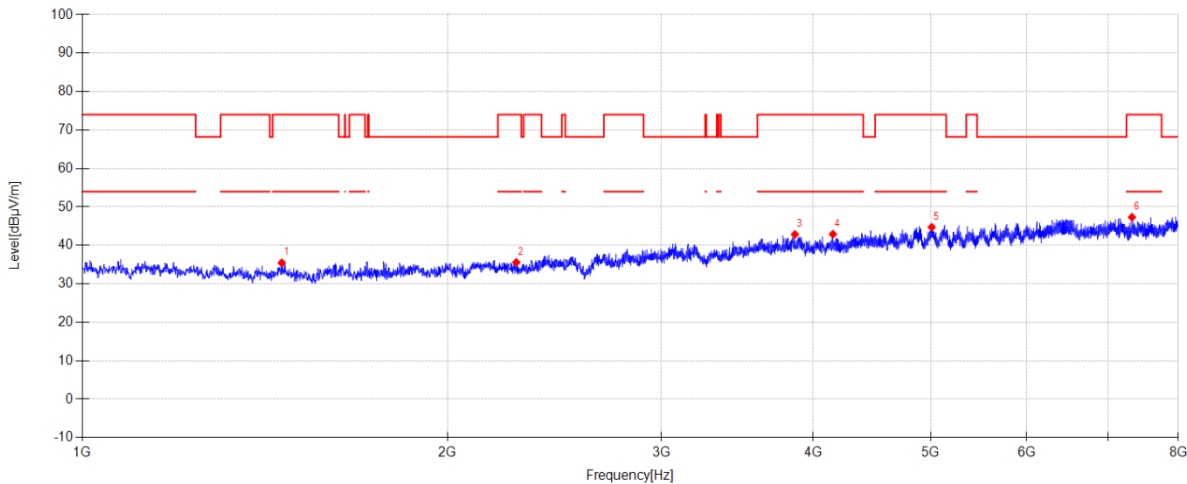
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\36

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1459.900	44.21	25.34	3.31	-37.40	35.46	74.00	38.54	PK	Vertical
2	2278.200	42.86	27.02	4.22	-38.53	35.57	74.00	38.43	PK	Vertical
3	3865.100	46.24	30.99	5.27	-39.65	42.85	74.00	31.15	PK	Vertical
4	4154.200	45.89	31.20	5.49	-39.67	42.91	74.00	31.09	PK	Vertical
5	5010.300	44.59	33.22	6.51	-39.60	44.72	74.00	29.28	PK	Vertical
6	7325.900	43.74	36.85	7.44	-40.71	47.32	74.00	26.68	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-28

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6475MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

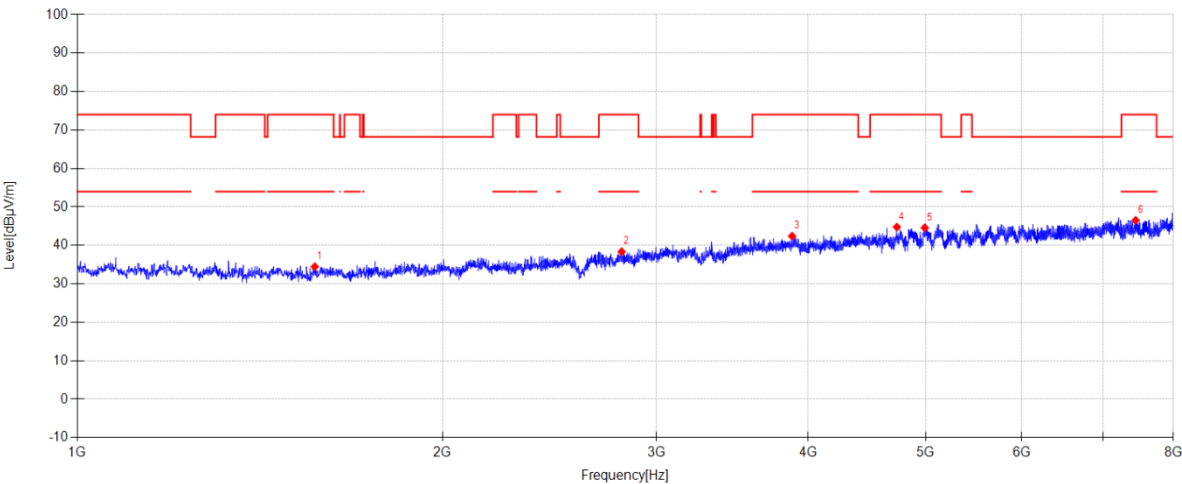
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\37

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1569.100	43.47	25.11	3.43	-37.56	34.45	74.00	39.55	PK	Horizontal
2	2808.800	45.30	27.47	4.79	-39.20	38.36	74.00	35.64	PK	Horizontal
3	3881.200	45.69	31.09	5.27	-39.65	42.40	74.00	31.60	PK	Horizontal
4	4734.500	45.94	32.27	6.18	-39.62	44.77	74.00	29.23	PK	Horizontal
5	4992.100	44.52	33.18	6.49	-39.60	44.59	74.00	29.41	PK	Horizontal
6	7448.400	42.99	36.60	7.52	-40.60	46.51	74.00	27.49	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-28

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6475MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

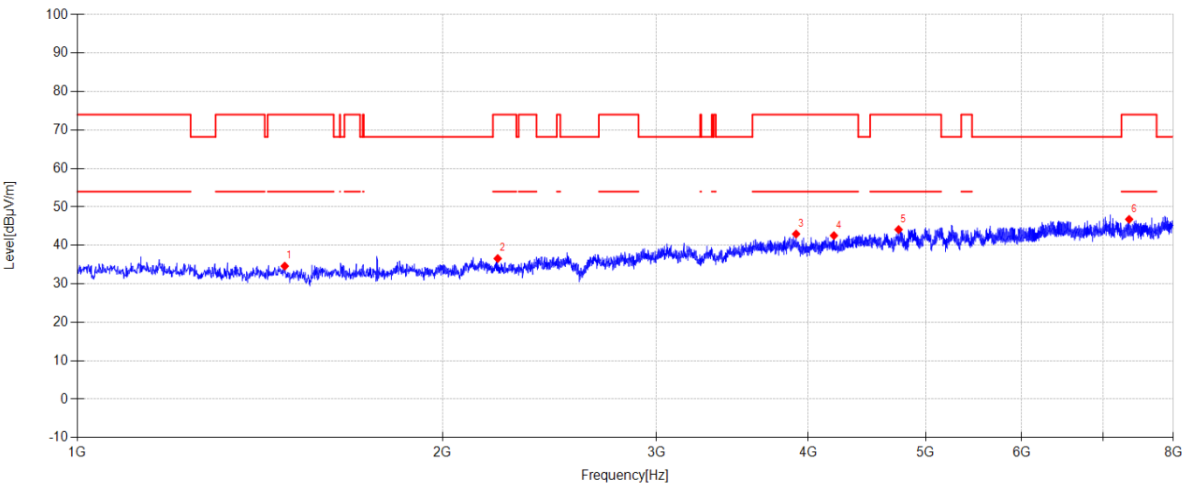
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\38

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1482.300	43.28	25.43	3.33	-37.43	34.61	74.00	39.39	PK	Vertical
2	2220.100	43.28	27.60	4.16	-38.46	36.58	74.00	37.42	PK	Vertical
3	3910.600	46.16	31.18	5.28	-39.66	42.96	74.00	31.04	PK	Vertical
4	4201.800	45.45	31.21	5.55	-39.66	42.55	74.00	31.45	PK	Vertical
5	4749.900	45.23	32.30	6.20	-39.62	44.11	74.00	29.89	PK	Vertical
6	7356.700	43.20	36.79	7.46	-40.68	46.77	74.00	27.23	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6515MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

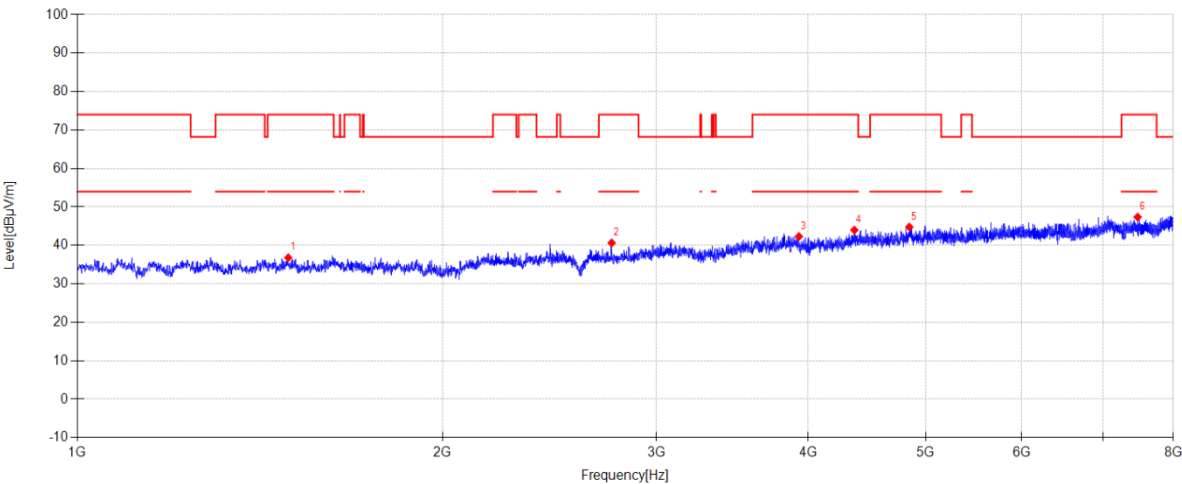
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\39

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1492.100	45.43	25.47	3.35	-37.45	36.80	74.00	37.20	PK	Horizontal
2	2756.300	47.47	27.57	4.74	-39.13	40.65	74.00	33.35	PK	Horizontal
3	3931.600	45.55	31.14	5.29	-39.66	42.32	74.00	31.68	PK	Horizontal
4	4367.700	46.25	31.64	5.75	-39.65	43.99	74.00	30.01	PK	Horizontal
5	4847.900	44.32	33.75	6.32	-39.61	44.78	74.00	29.22	PK	Horizontal
6	7475.700	43.85	36.55	7.53	-40.57	47.36	74.00	26.64	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6515MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

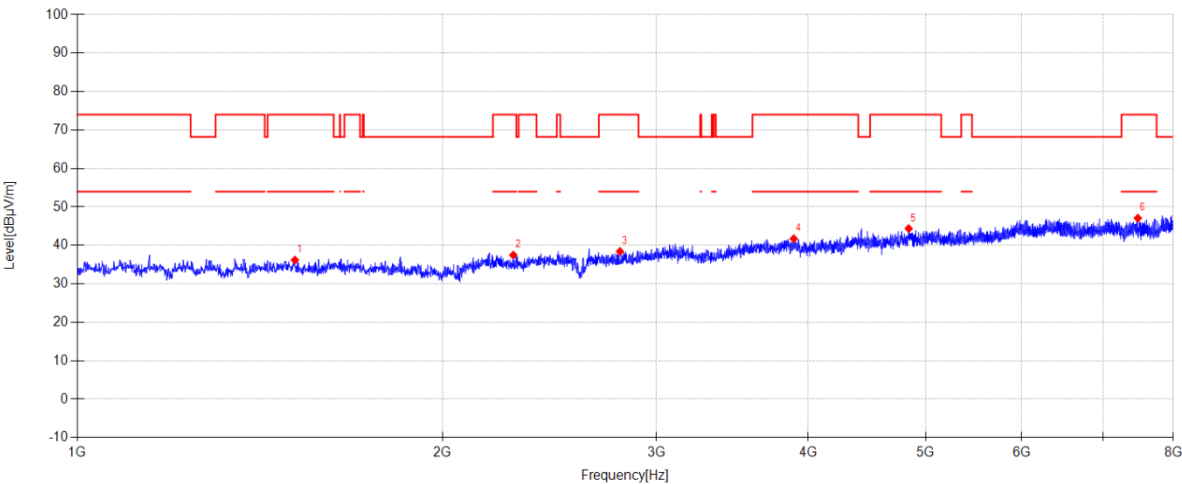
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\40

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1511.000	44.94	25.35	3.37	-37.48	36.18	74.00	37.82	PK	Vertical
2	2286.600	44.86	26.93	4.23	-38.54	37.48	74.00	36.52	PK	Vertical
3	2799.700	45.44	27.40	4.78	-39.19	38.43	74.00	35.57	PK	Vertical
4	3893.100	44.93	31.16	5.28	-39.65	41.72	74.00	32.28	PK	Vertical
5	4842.300	44.07	33.60	6.31	-39.61	44.37	74.00	29.63	PK	Vertical
6	7479.200	43.57	36.54	7.54	-40.57	47.08	74.00	26.92	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6535MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

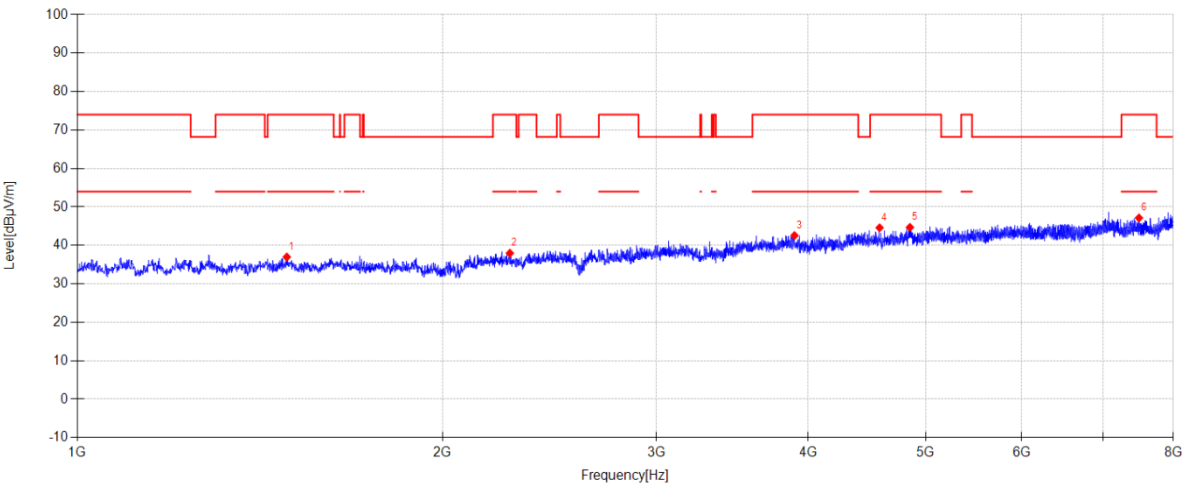
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\41

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1487.900	45.63	25.45	3.34	-37.44	36.98	74.00	37.02	PK	Horizontal
2	2271.900	45.20	27.08	4.21	-38.52	37.97	74.00	36.03	PK	Horizontal
3	3898.700	45.76	31.19	5.28	-39.66	42.57	74.00	31.43	PK	Horizontal
4	4581.900	46.31	31.90	6.00	-39.63	44.58	74.00	29.42	PK	Horizontal
5	4853.500	44.24	33.74	6.33	-39.61	44.70	74.00	29.30	PK	Horizontal
6	7495.300	43.63	36.51	7.55	-40.55	47.14	74.00	26.86	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6535MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

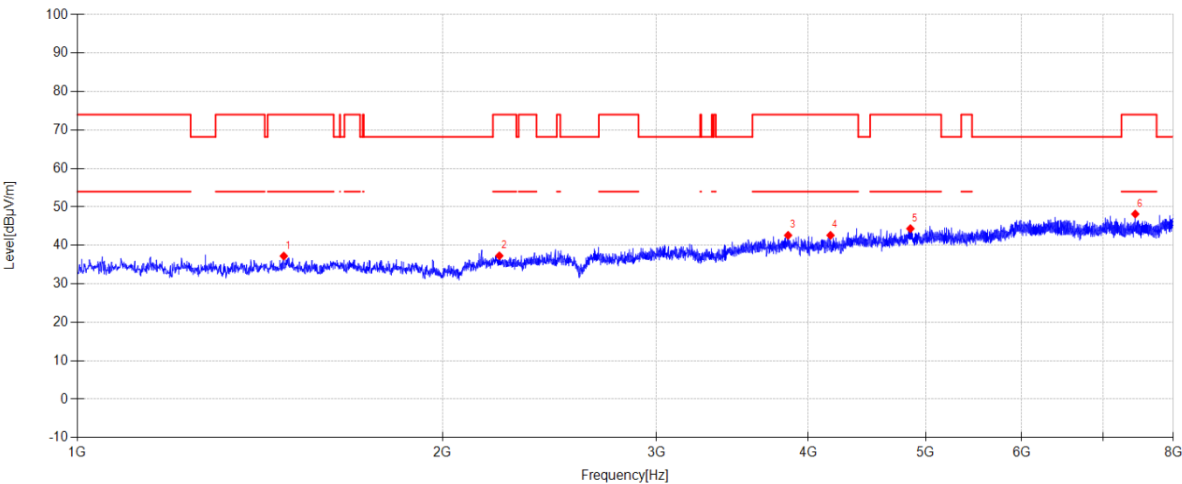
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\42

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1479.500	45.90	25.42	3.33	-37.43	37.22	74.00	36.78	PK	Vertical
2	2227.100	44.06	27.53	4.17	-38.47	37.29	74.00	36.71	PK	Vertical
3	3851.800	46.08	30.91	5.26	-39.64	42.61	74.00	31.39	PK	Vertical
4	4174.500	45.56	31.20	5.52	-39.67	42.61	74.00	31.39	PK	Vertical
5	4857.700	43.95	33.68	6.33	-39.61	44.35	74.00	29.65	PK	Vertical
6	7442.800	44.63	36.61	7.51	-40.60	48.15	74.00	25.85	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6695MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

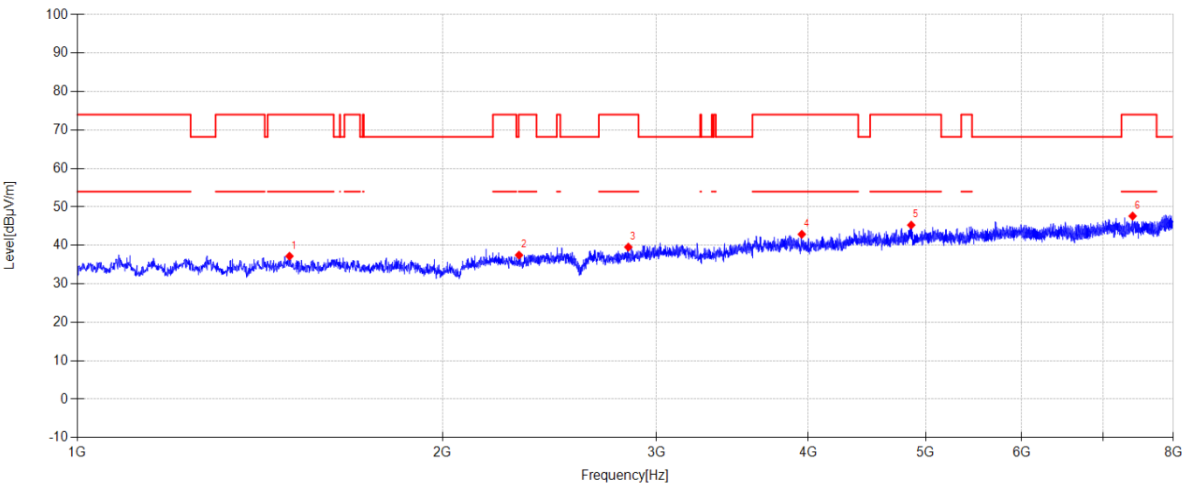
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\43

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1495.600	45.81	25.48	3.35	-37.45	37.19	74.00	36.81	PK	Horizontal
2	2311.800	44.90	26.87	4.26	-38.57	37.46	74.00	36.54	PK	Horizontal
3	2844.500	46.20	27.76	4.83	-39.24	39.55	74.00	34.45	PK	Horizontal
4	3953.300	46.17	31.09	5.30	-39.67	42.89	74.00	31.11	PK	Horizontal
5	4865.400	45.00	33.55	6.34	-39.61	45.28	74.00	28.72	PK	Horizontal
6	7405.700	44.07	36.69	7.49	-40.63	47.62	74.00	26.38	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6695MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

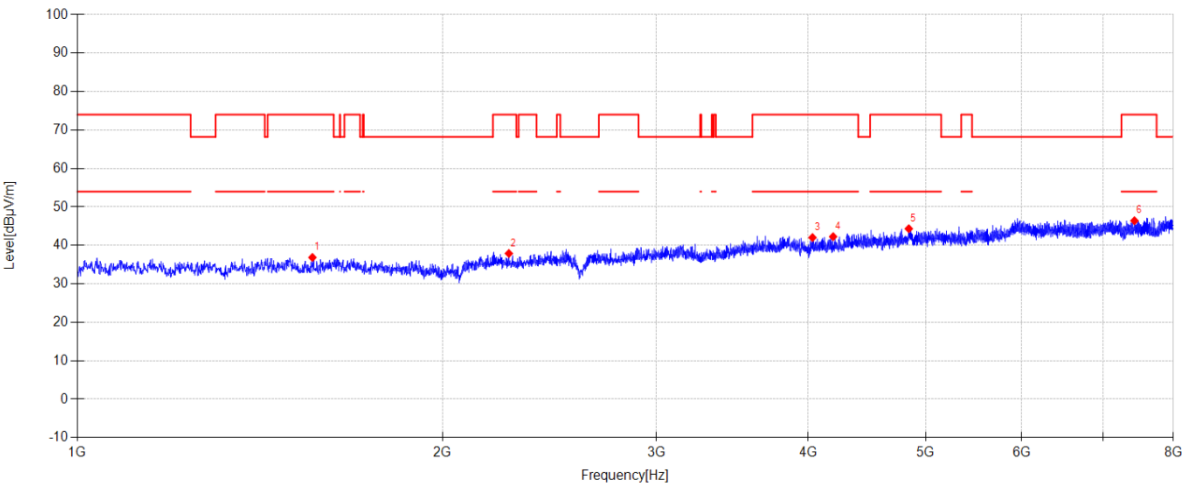
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\44

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1562.100	45.99	24.99	3.43	-37.55	36.86	74.00	37.14	PK	Vertical
2	2267.700	45.08	27.12	4.21	-38.52	37.89	74.00	36.11	PK	Vertical
3	4034.500	45.39	30.97	5.35	-39.68	42.03	74.00	31.97	PK	Vertical
4	4195.500	45.20	31.20	5.54	-39.66	42.28	74.00	31.72	PK	Vertical
5	4843.000	44.01	33.62	6.31	-39.61	44.33	74.00	29.67	PK	Vertical
6	7430.900	42.87	36.64	7.51	-40.61	46.41	74.00	27.59	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6855MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

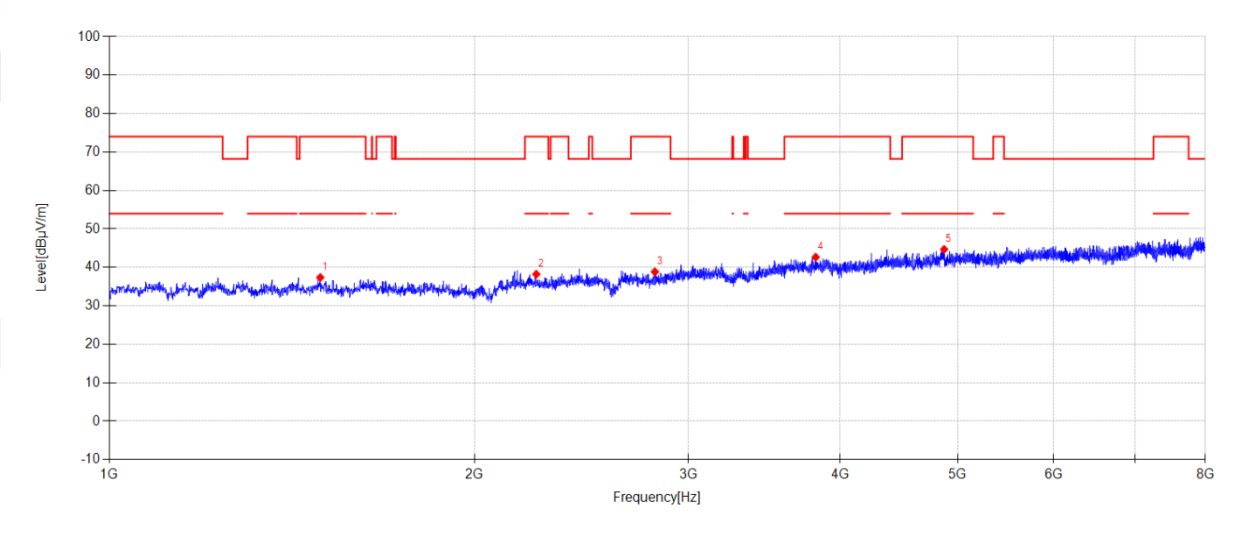
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\45

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1492.100	46.00	25.47	3.35	-37.45	37.37	74.00	36.63	PK	Horizontal
2	2248.100	45.20	27.32	4.19	-38.49	38.22	74.00	35.78	PK	Horizontal
3	2815.100	45.74	27.52	4.80	-39.21	38.85	74.00	35.15	PK	Horizontal
4	3819.600	46.27	30.78	5.25	-39.64	42.66	74.00	31.34	PK	Horizontal
5	4873.800	44.53	33.42	6.35	-39.61	44.69	74.00	29.31	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6855MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

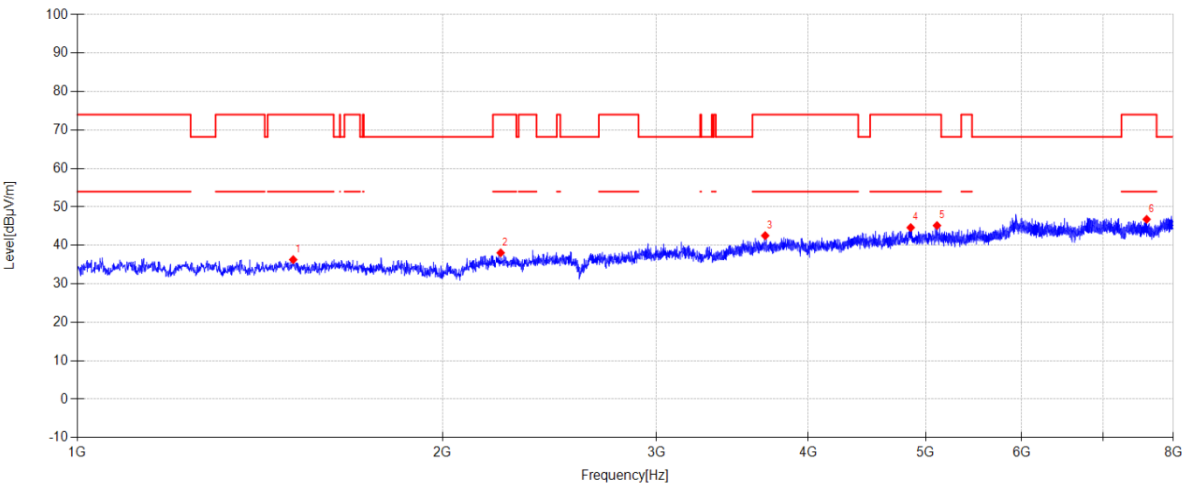
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\46

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1506.100	44.98	25.41	3.36	-37.47	36.28	74.00	37.72	PK	Vertical
2	2232.700	44.89	27.47	4.17	-38.47	38.06	74.00	35.94	PK	Vertical
3	3688.000	46.59	30.35	5.21	-39.61	42.54	74.00	31.46	PK	Vertical
4	4860.500	44.28	33.63	6.33	-39.61	44.63	74.00	29.37	PK	Vertical
5	5109.000	44.81	33.40	6.55	-39.60	45.16	74.00	28.84	PK	Vertical
6	7605.200	43.11	36.51	7.62	-40.46	46.78	74.00	27.22	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 68575MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

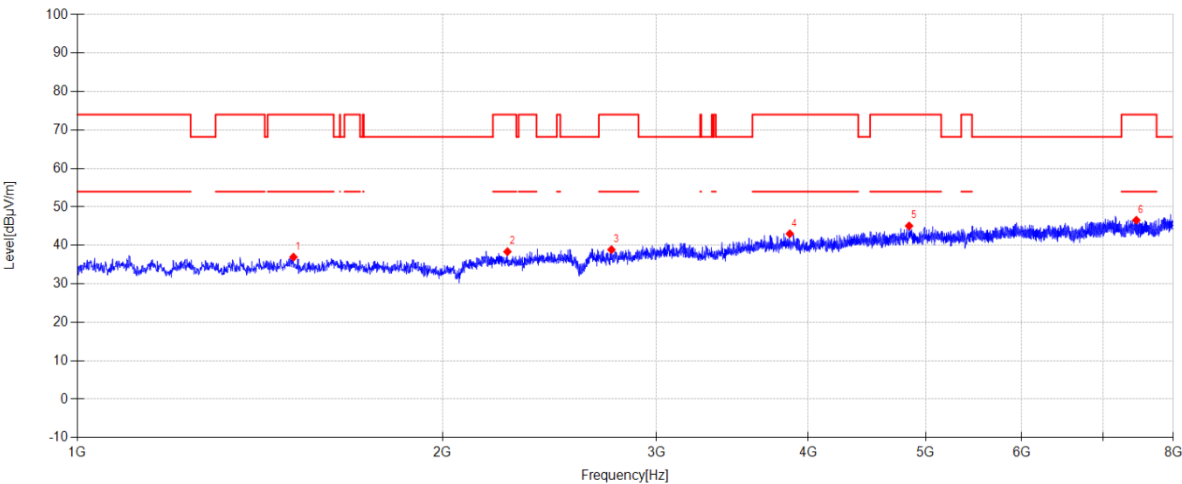
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\47

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1506.800	45.65	25.40	3.36	-37.47	36.94	74.00	37.06	PK	Horizontal
2	2261.400	45.48	27.19	4.20	-38.51	38.36	74.00	35.64	PK	Horizontal
3	2754.900	45.69	27.58	4.74	-39.13	38.88	74.00	35.12	PK	Horizontal
4	3864.400	46.41	30.99	5.27	-39.65	43.02	74.00	30.98	PK	Horizontal
5	4845.800	44.66	33.69	6.32	-39.61	45.06	74.00	28.94	PK	Horizontal
6	7458.200	43.03	36.58	7.52	-40.59	46.54	74.00	27.46	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6875MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

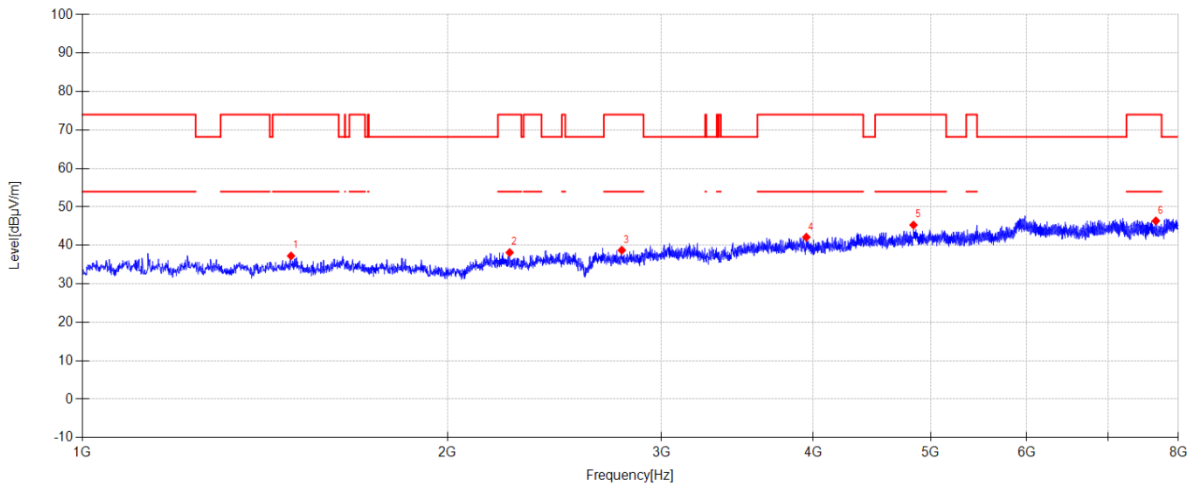
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\48

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1485.800	45.92	25.44	3.34	-37.44	37.26	74.00	36.74	PK	Vertical
2	2249.500	45.12	27.31	4.19	-38.49	38.13	74.00	35.87	PK	Vertical
3	2782.900	45.67	27.47	4.77	-39.17	38.74	74.00	35.26	PK	Vertical
4	3949.800	45.41	31.10	5.29	-39.67	42.13	74.00	31.87	PK	Vertical
5	4840.200	45.04	33.55	6.31	-39.61	45.29	74.00	28.71	PK	Vertical
6	7666.100	42.49	36.63	7.66	-40.40	46.38	74.00	27.62	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6895MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

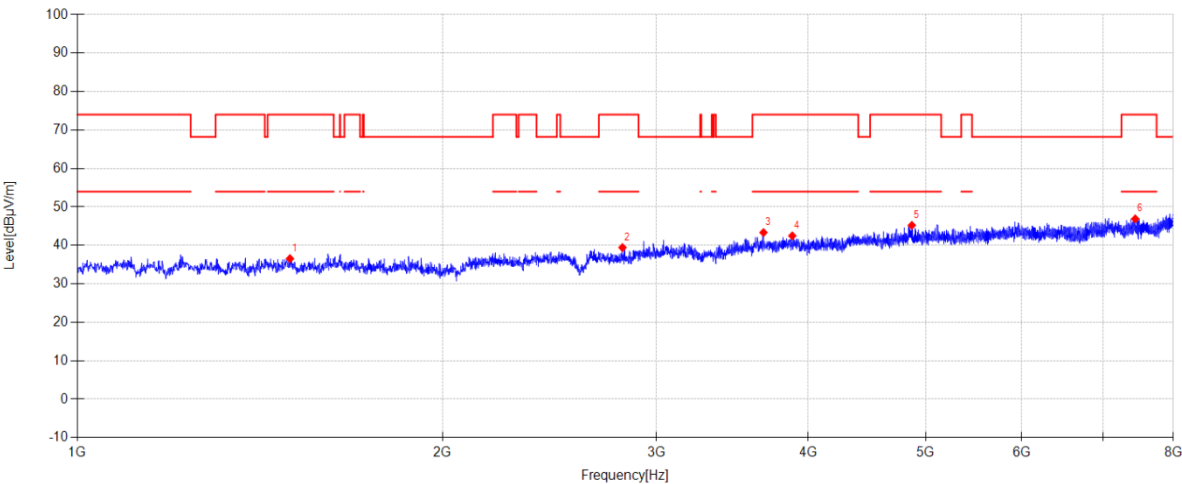
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\49

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1497.000	45.17	25.49	3.35	-37.46	36.55	74.00	37.45	PK	Horizontal
2	2813.000	46.33	27.50	4.80	-39.20	39.43	74.00	34.57	PK	Horizontal
3	3676.100	47.43	30.30	5.21	-39.60	43.34	74.00	30.66	PK	Horizontal
4	3882.600	45.77	31.10	5.27	-39.65	42.49	74.00	31.51	PK	Horizontal
5	4871.000	45.02	33.46	6.35	-39.61	45.22	74.00	28.78	PK	Horizontal
6	7441.400	43.37	36.62	7.51	-40.60	46.90	74.00	27.10	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6895MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

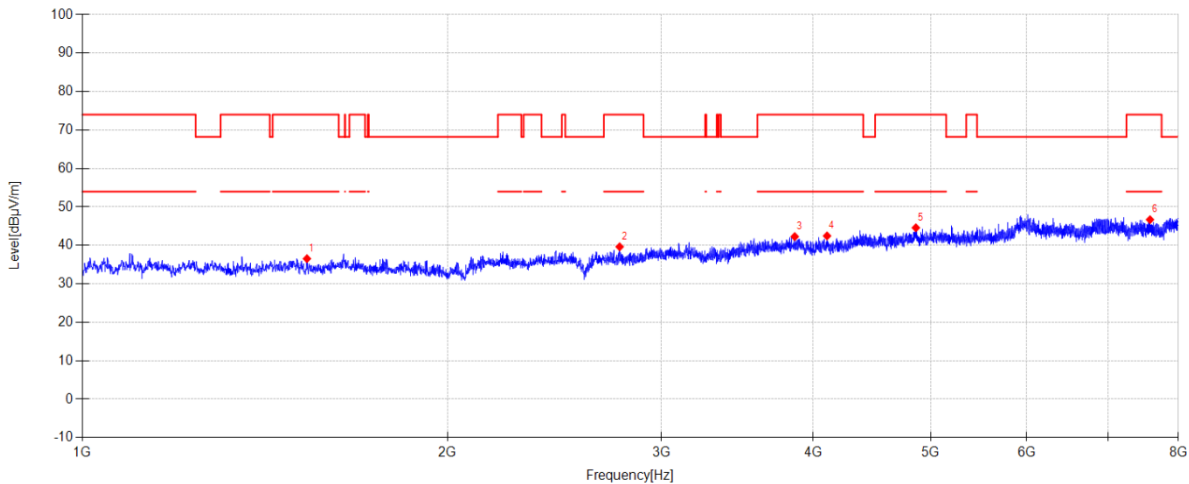
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\50

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1531.300	45.60	25.06	3.39	-37.51	36.54	74.00	37.46	PK	Vertical
2	2771.700	46.52	27.51	4.75	-39.15	39.63	74.00	34.37	PK	Vertical
3	3863.700	45.68	30.98	5.27	-39.65	42.28	74.00	31.72	PK	Vertical
4	4108.000	45.58	31.12	5.44	-39.67	42.47	74.00	31.53	PK	Vertical
5	4861.900	44.24	33.61	6.34	-39.61	44.58	74.00	29.42	PK	Vertical
6	7581.400	43.11	36.46	7.60	-40.48	46.69	74.00	27.31	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6995MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

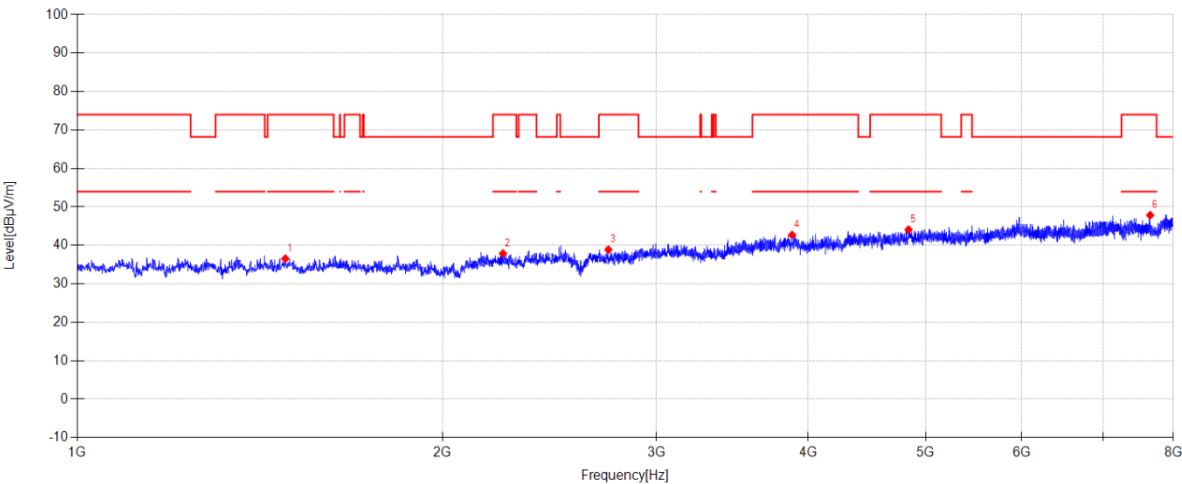
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\51

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1483.700	45.23	25.43	3.34	-37.44	36.56	74.00	37.44	PK	Horizontal
2	2242.500	44.82	27.38	4.18	-38.49	37.89	74.00	36.11	PK	Horizontal
3	2738.800	45.70	27.58	4.72	-39.11	38.89	74.00	35.11	PK	Horizontal
4	3881.200	46.00	31.09	5.27	-39.65	42.71	74.00	31.29	PK	Horizontal
5	4840.900	43.83	33.56	6.31	-39.61	44.09	74.00	29.91	PK	Horizontal
6	7655.600	44.00	36.61	7.65	-40.41	47.85	74.00	26.15	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6995MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

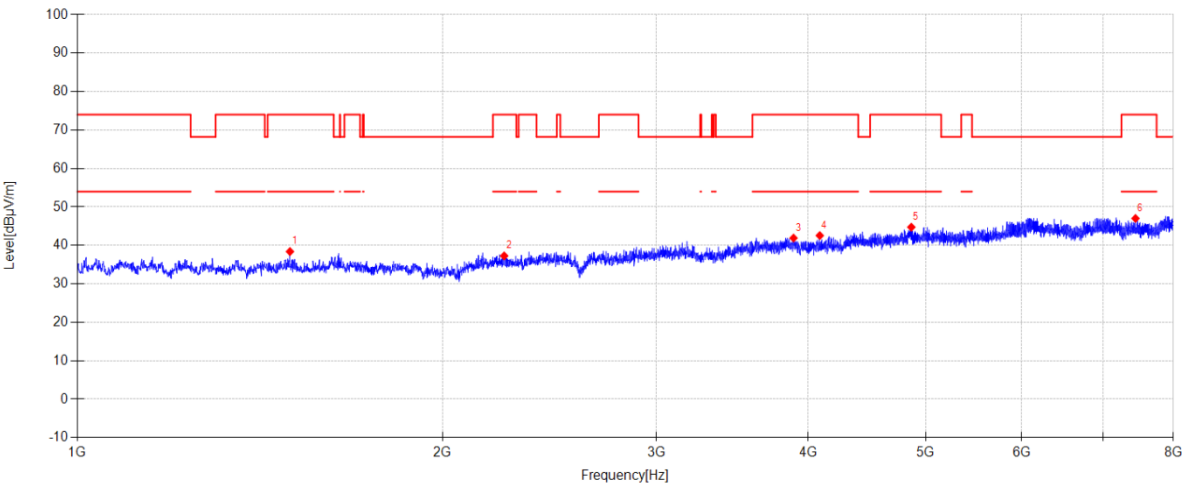
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\52

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1497.000	47.01	25.49	3.35	-37.46	38.39	74.00	35.61	PK	Vertical
2	2247.400	44.23	27.33	4.19	-38.49	37.26	74.00	36.74	PK	Vertical
3	3891.700	45.13	31.15	5.28	-39.65	41.91	74.00	32.09	PK	Vertical
4	4090.500	45.72	31.08	5.42	-39.67	42.55	74.00	31.45	PK	Vertical
5	4866.100	44.47	33.54	6.34	-39.61	44.74	74.00	29.26	PK	Vertical
6	7445.600	43.48	36.61	7.52	-40.60	47.01	74.00	26.99	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 7115MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

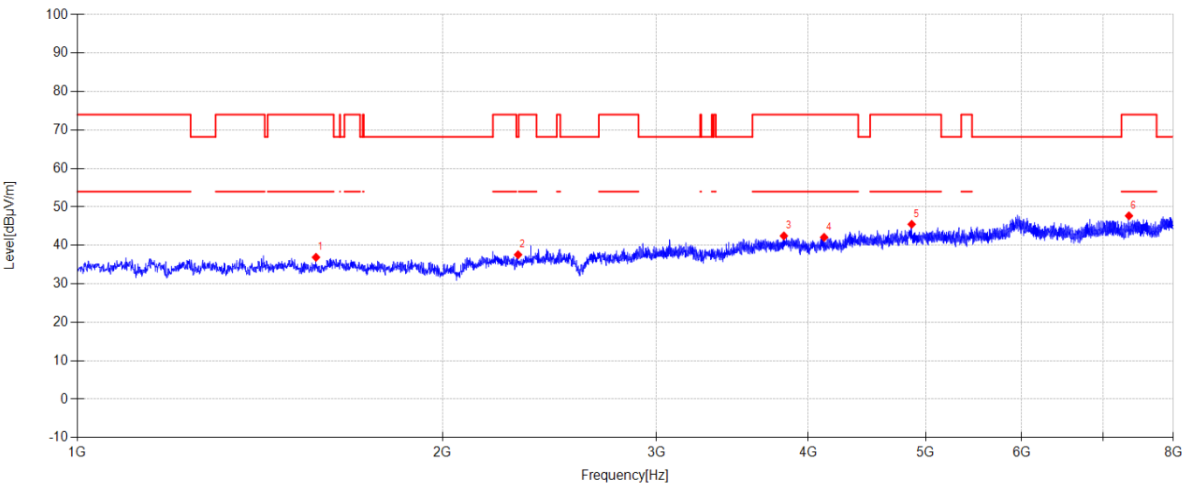
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\53

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1572.600	45.86	25.16	3.44	-37.56	36.90	74.00	37.10	PK	Horizontal
2	2307.600	45.03	26.85	4.25	-38.57	37.56	68.20	30.64	PK	Horizontal
3	3821.000	46.08	30.78	5.25	-39.64	42.47	74.00	31.53	PK	Horizontal
4	4124.100	45.16	31.15	5.46	-39.67	42.10	74.00	31.90	PK	Horizontal
5	4869.600	45.27	33.49	6.34	-39.61	45.49	74.00	28.51	PK	Horizontal
6	7353.900	44.12	36.79	7.46	-40.68	47.69	74.00	26.31	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 7115MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

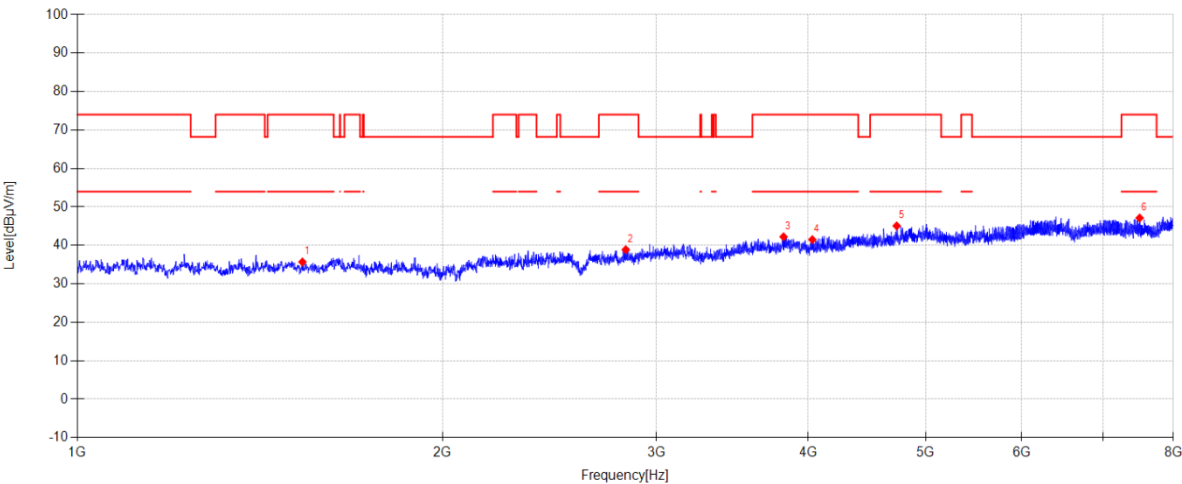
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\54

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1532.700	44.77	25.04	3.39	-37.51	35.69	74.00	38.31	PK	Vertical
2	2830.500	45.64	27.64	4.82	-39.23	38.87	74.00	35.13	PK	Vertical
3	3818.900	45.84	30.78	5.25	-39.64	42.23	74.00	31.77	PK	Vertical
4	4033.100	44.86	30.97	5.35	-39.68	41.50	74.00	32.50	PK	Vertical
5	4733.100	46.24	32.27	6.18	-39.62	45.07	74.00	28.93	PK	Vertical
6	7505.100	43.64	36.49	7.55	-40.55	47.13	74.00	26.87	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 7115MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

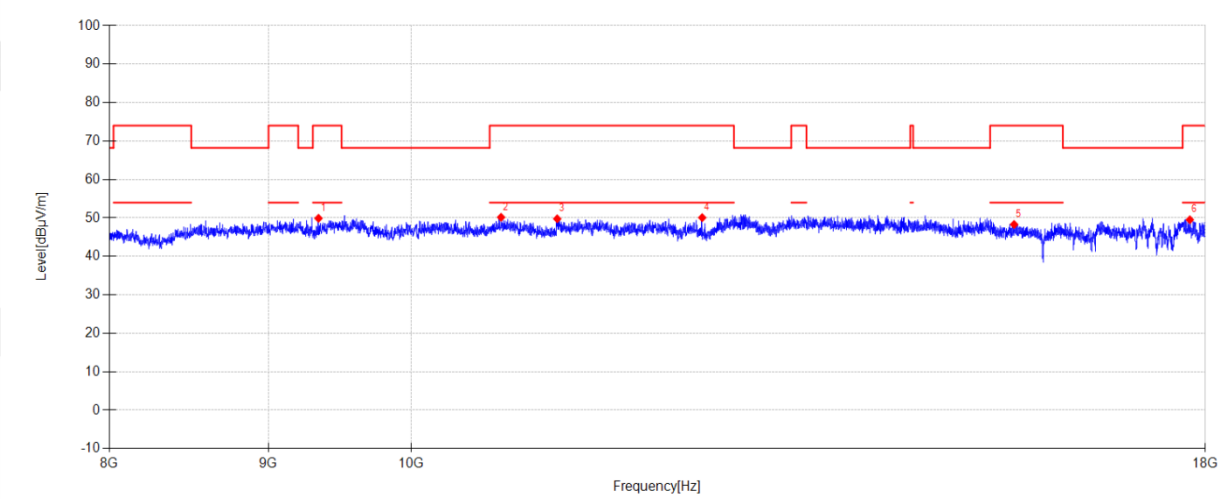
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\55

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9339.000	42.17	38.68	8.12	-39.07	49.90	74.00	24.10	PK	Horizontal
2	10690.000	41.66	39.38	8.32	-39.19	50.17	74.00	23.83	PK	Horizontal
3	11143.000	41.14	39.26	8.51	-39.14	49.77	74.00	24.23	PK	Horizontal
4	12405.000	41.47	39.31	9.21	-39.92	50.07	74.00	23.93	PK	Horizontal
5	15625.000	39.05	38.58	10.07	-39.40	48.30	74.00	25.70	PK	Horizontal
6	17795.000	37.19	40.78	11.57	-40.02	49.52	74.00	24.48	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 7115MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

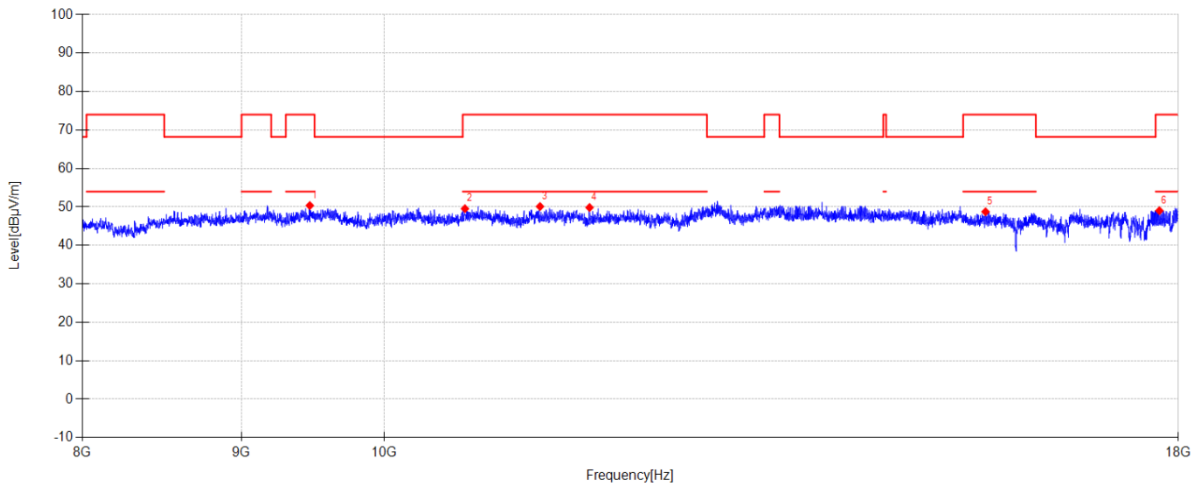
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\56

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9466.000	42.71	38.70	8.12	-39.17	50.36	74.00	23.64	PK	Vertical
2	10618.000	41.24	39.24	8.30	-39.23	49.55	74.00	24.45	PK	Vertical
3	11224.000	41.58	39.20	8.55	-39.22	50.11	74.00	23.89	PK	Vertical
4	11643.000	41.68	39.00	8.81	-39.64	49.85	74.00	24.15	PK	Vertical
5	15607.000	39.49	38.59	10.06	-39.40	48.74	74.00	25.26	PK	Vertical
6	17750.000	36.91	40.60	11.54	-40.03	49.02	74.00	24.98	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6995MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

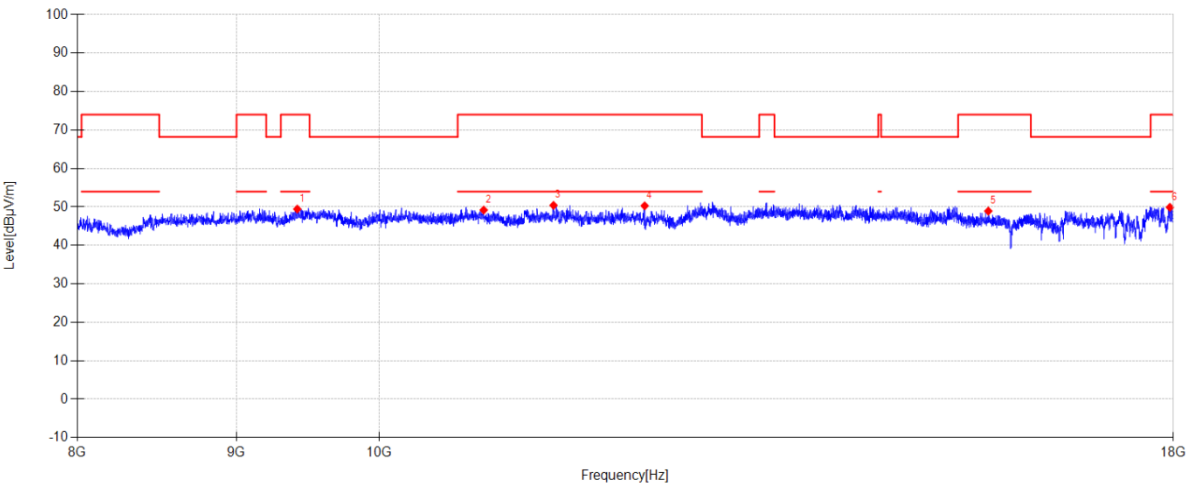
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\57

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9414.000	41.75	38.70	8.12	-39.13	49.44	74.00	24.56	PK	Horizontal
2	10806.000	40.56	39.39	8.36	-39.12	49.19	74.00	24.81	PK	Horizontal
3	11379.000	41.87	39.28	8.65	-39.38	50.42	74.00	23.58	PK	Horizontal
4	12173.000	41.86	39.30	9.10	-39.97	50.29	74.00	23.71	PK	Horizontal
5	15697.000	39.72	38.50	10.10	-39.40	48.92	74.00	25.08	PK	Horizontal
6	17954.000	36.04	42.17	11.69	-40.00	49.90	74.00	24.10	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6995MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

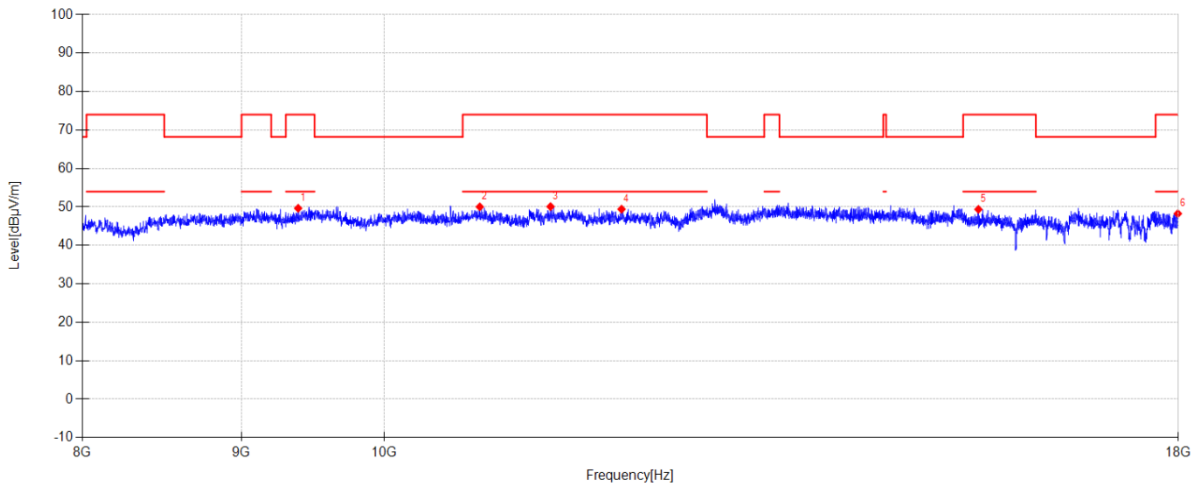
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\58

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9385.000	41.94	38.70	8.12	-39.11	49.65	74.00	24.35	PK	Vertical
2	10735.000	41.45	39.40	8.34	-39.16	50.03	74.00	23.97	PK	Vertical
3	11312.000	41.57	39.21	8.61	-39.31	50.08	74.00	23.92	PK	Vertical
4	11922.000	41.39	38.97	8.97	-39.92	49.41	74.00	24.59	PK	Vertical
5	15525.000	39.99	38.75	10.03	-39.40	49.37	74.00	24.63	PK	Vertical
6	17994.000	34.16	42.37	11.72	-40.00	48.25	74.00	25.75	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6895MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

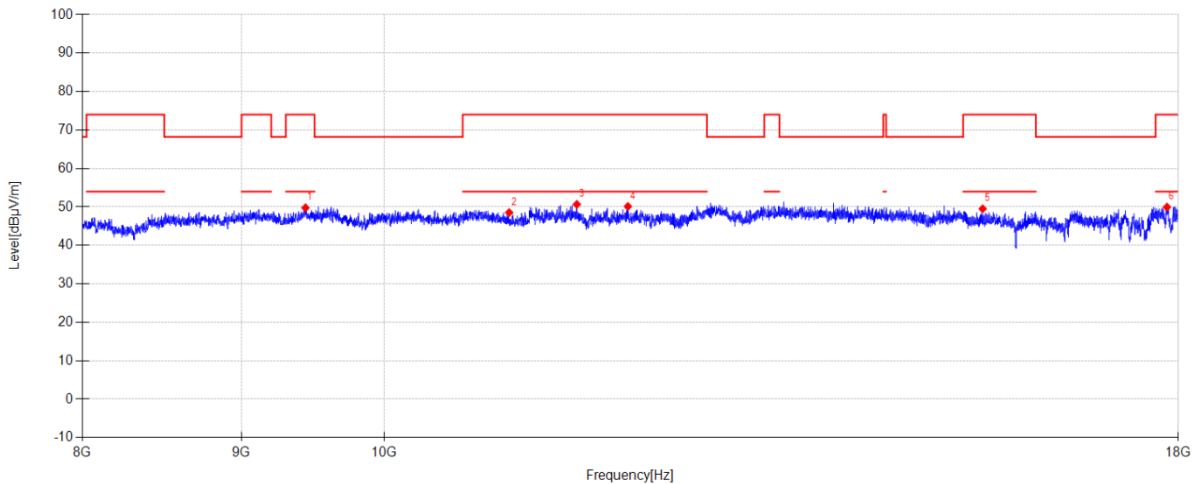
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\59

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9436.000	42.10	38.70	8.12	-39.15	49.77	74.00	24.23	PK	Horizontal
2	10971.000	39.85	39.30	8.41	-39.02	48.54	74.00	25.46	PK	Horizontal
3	11534.000	42.33	39.13	8.74	-39.53	50.67	74.00	23.33	PK	Horizontal
4	11978.000	41.96	39.13	9.01	-39.98	50.12	74.00	23.88	PK	Horizontal
5	15574.000	40.22	38.65	10.05	-39.40	49.52	74.00	24.48	PK	Horizontal
6	17849.000	37.03	41.34	11.61	-40.02	49.96	74.00	24.04	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6895MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

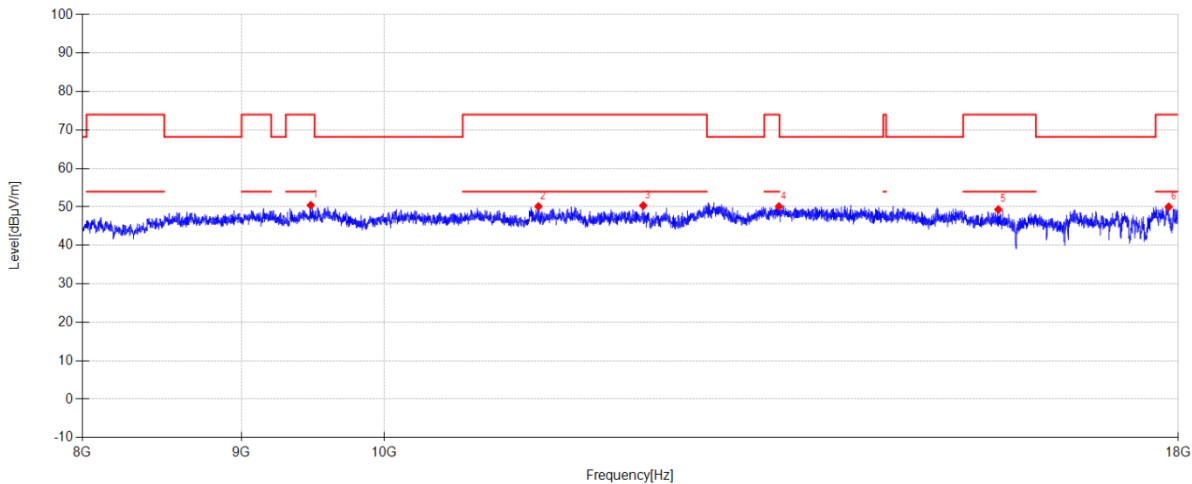
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\60

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9473.000	42.80	38.70	8.12	-39.18	50.44	74.00	23.56	PK	Vertical
2	11211.000	41.58	39.20	8.55	-39.21	50.12	74.00	23.88	PK	Vertical
3	12115.000	41.96	39.30	9.07	-39.98	50.35	74.00	23.65	PK	Vertical
4	13394.000	40.32	40.10	9.50	-39.80	50.12	74.00	23.88	PK	Vertical
5	15755.000	40.21	38.39	10.13	-39.40	49.33	74.00	24.67	PK	Vertical
6	17872.000	36.81	41.59	11.63	-40.01	50.02	74.00	23.98	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6875MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

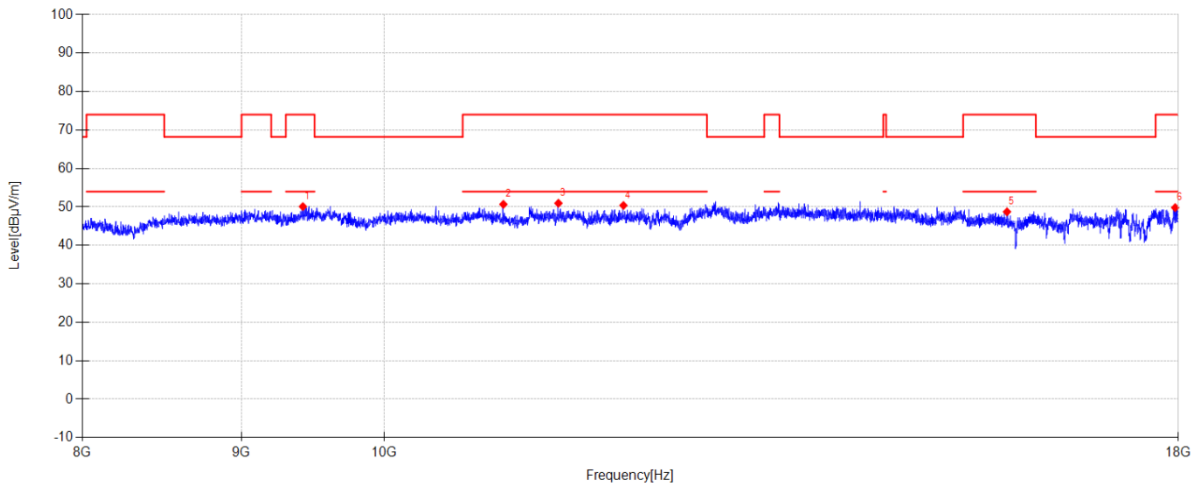
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\61

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9418.000	42.41	38.70	8.12	-39.13	50.10	74.00	23.90	PK	Horizontal
2	10924.000	42.03	39.30	8.40	-39.05	50.68	74.00	23.32	PK	Horizontal
3	11378.000	42.41	39.28	8.65	-39.38	50.96	74.00	23.04	PK	Horizontal
4	11939.000	42.33	39.02	8.98	-39.94	50.39	74.00	23.61	PK	Horizontal
5	15857.000	39.77	38.19	10.18	-39.40	48.74	74.00	25.26	PK	Horizontal
6	17958.000	35.94	42.19	11.69	-40.00	49.82	74.00	24.18	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6875MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

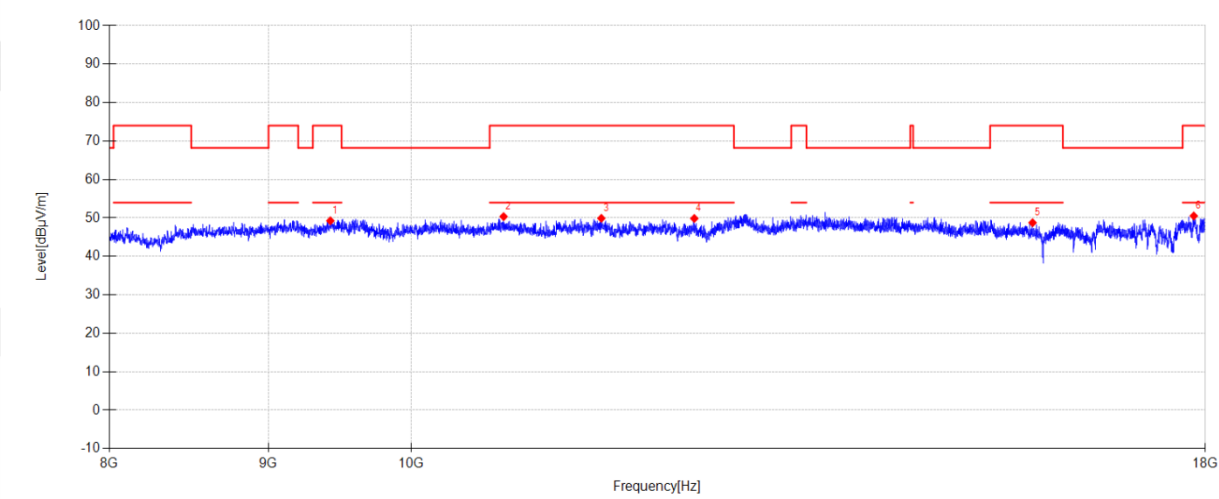
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\62

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9421.000	41.58	38.70	8.12	-39.14	49.26	74.00	24.74	PK	Vertical
2	10710.000	41.79	39.40	8.33	-39.17	50.35	74.00	23.65	PK	Vertical
3	11513.000	41.51	39.17	8.73	-39.51	49.90	74.00	24.10	PK	Vertical
4	12333.000	41.32	39.30	9.17	-39.93	49.86	74.00	24.14	PK	Vertical
5	15840.000	39.76	38.22	10.17	-39.40	48.75	74.00	25.25	PK	Vertical
6	17847.000	37.61	41.32	11.61	-40.02	50.52	74.00	23.48	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6855MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

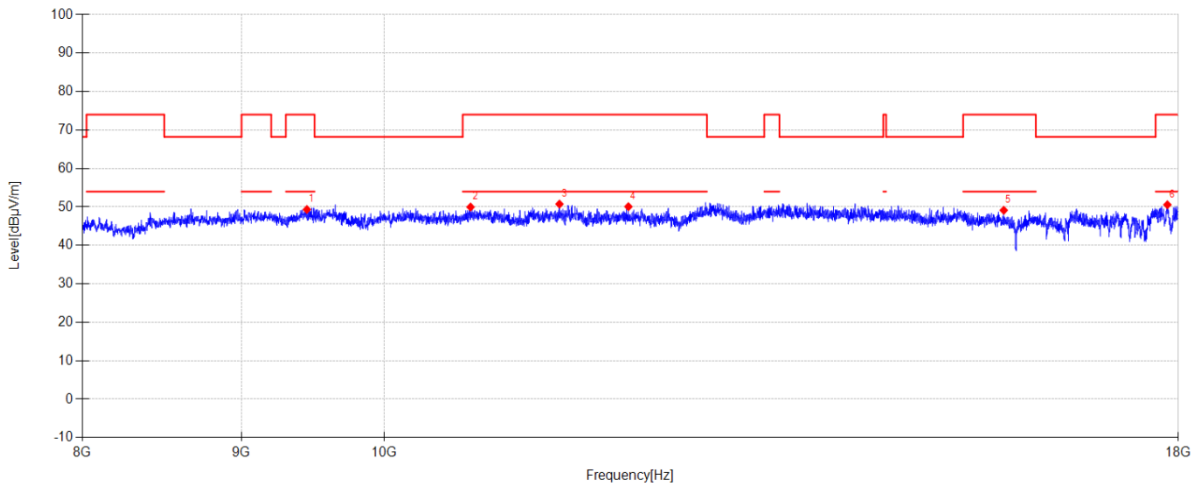
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\63

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9446.000	41.68	38.70	8.12	-39.16	49.34	74.00	24.66	PK	Horizontal
2	10662.000	41.54	39.32	8.31	-39.20	49.97	74.00	24.03	PK	Horizontal
3	11387.000	42.19	39.29	8.65	-39.39	50.74	74.00	23.26	PK	Horizontal
4	11983.000	41.90	39.15	9.01	-39.98	50.08	74.00	23.92	PK	Horizontal
5	15819.000	40.12	38.26	10.16	-39.40	49.14	74.00	24.86	PK	Horizontal
6	17855.000	37.56	41.41	11.61	-40.01	50.57	74.00	23.43	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6855MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

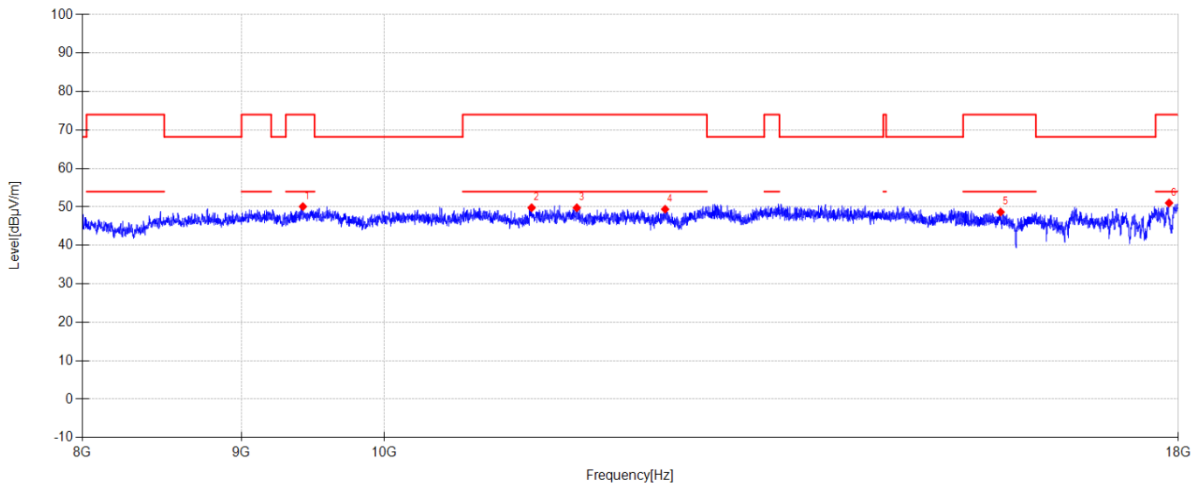
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\64

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9418.000	42.41	38.70	8.12	-39.13	50.10	74.00	23.90	PK	Vertical
2	11155.000	41.19	39.25	8.51	-39.16	49.79	74.00	24.21	PK	Vertical
3	11534.000	41.44	39.13	8.74	-39.53	49.78	74.00	24.22	PK	Vertical
4	12313.000	40.88	39.30	9.16	-39.94	49.40	74.00	24.60	PK	Vertical
5	15782.000	39.59	38.34	10.14	-39.40	48.67	74.00	25.33	PK	Vertical
6	17877.000	37.76	41.65	11.63	-40.01	51.03	74.00	22.97	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6695MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

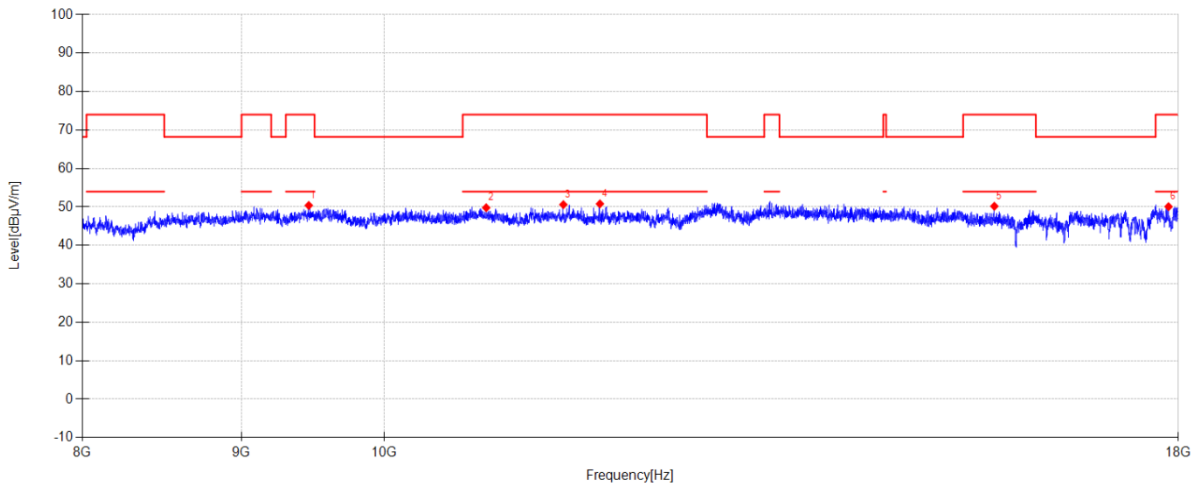
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\65

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9459.000	42.74	38.70	8.12	-39.17	50.39	74.00	23.61	PK	Horizontal
2	10786.000	41.18	39.40	8.35	-39.13	49.80	74.00	24.20	PK	Horizontal
3	11420.000	42.07	39.28	8.67	-39.42	50.60	74.00	23.40	PK	Horizontal
4	11733.000	42.70	38.97	8.86	-39.73	50.80	74.00	23.20	PK	Horizontal
5	15709.000	40.99	38.48	10.11	-39.40	50.18	74.00	23.82	PK	Horizontal
6	17870.000	36.88	41.57	11.63	-40.01	50.07	74.00	23.93	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6695MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

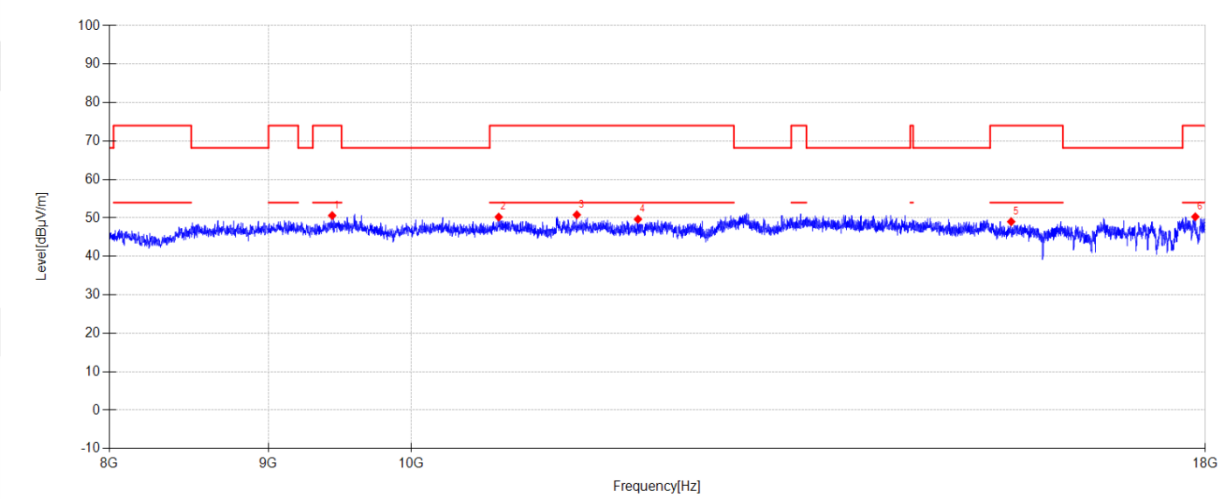
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\66

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9434.000	42.95	38.70	8.12	-39.15	50.62	74.00	23.38	PK	Vertical
2	10671.000	41.79	39.34	8.31	-39.20	50.24	74.00	23.76	PK	Vertical
3	11306.000	42.31	39.21	8.60	-39.31	50.81	74.00	23.19	PK	Vertical
4	11829.000	41.67	38.90	8.92	-39.83	49.66	74.00	24.34	PK	Vertical
5	15592.000	39.74	38.62	10.06	-39.40	49.02	74.00	24.98	PK	Vertical
6	17867.000	37.16	41.54	11.62	-40.01	50.31	74.00	23.69	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-30

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2538

Test Mode:

MIMO TX 11AX20 6535MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

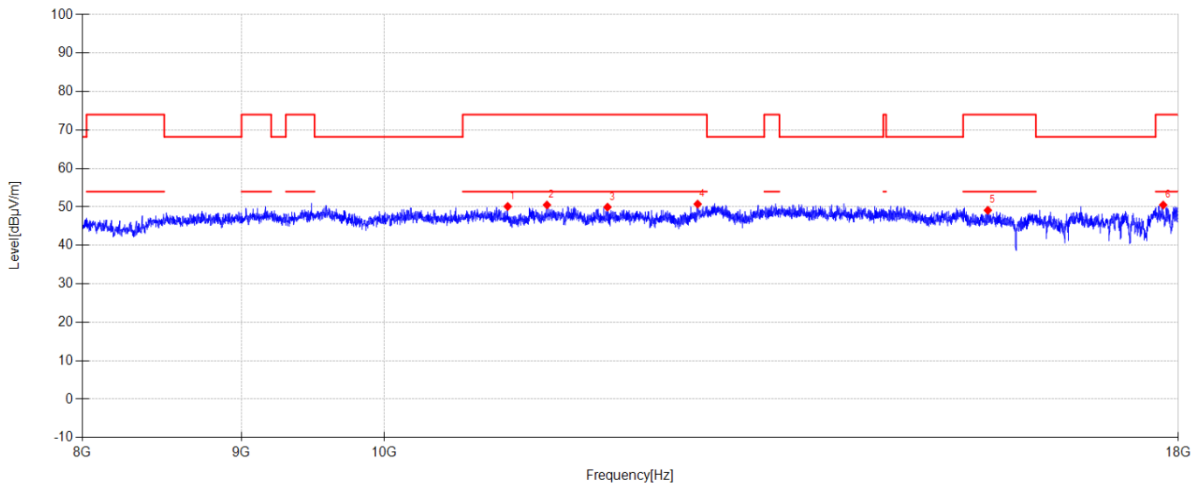
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25062705-2E\FCC Above 1G 6G\67

Memo:

Sample Number:S25062705-004 Power Setting:14



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	10959.000	41.43	39.30	8.41	-39.02	50.12	74.00	23.88	PK	Horizontal
2	11282.000	42.00	39.20	8.59	-39.28	50.51	74.00	23.49	PK	Horizontal
3	11799.000	41.95	38.90	8.90	-39.80	49.95	74.00	24.05	PK	Horizontal
4	12613.000	41.90	39.43	9.30	-39.88	50.75	74.00	23.25	PK	Horizontal
5	15634.000	39.87	38.57	10.08	-39.40	49.12	74.00	24.88	PK	Horizontal
6	17800.000	38.16	40.80	11.57	-40.02	50.51	74.00	23.49	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.