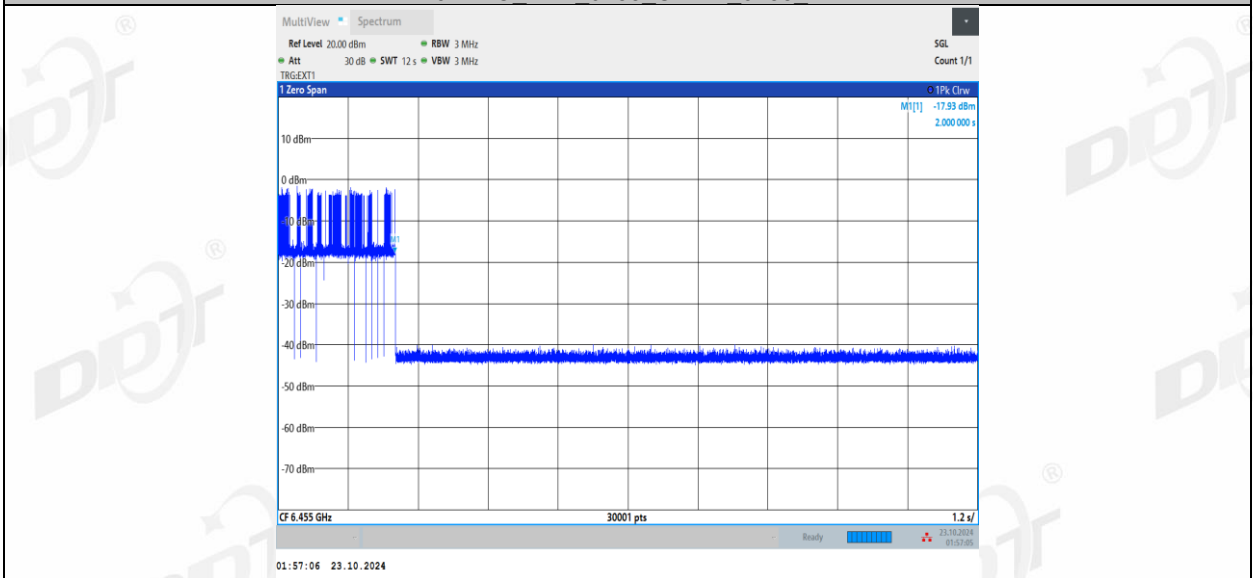
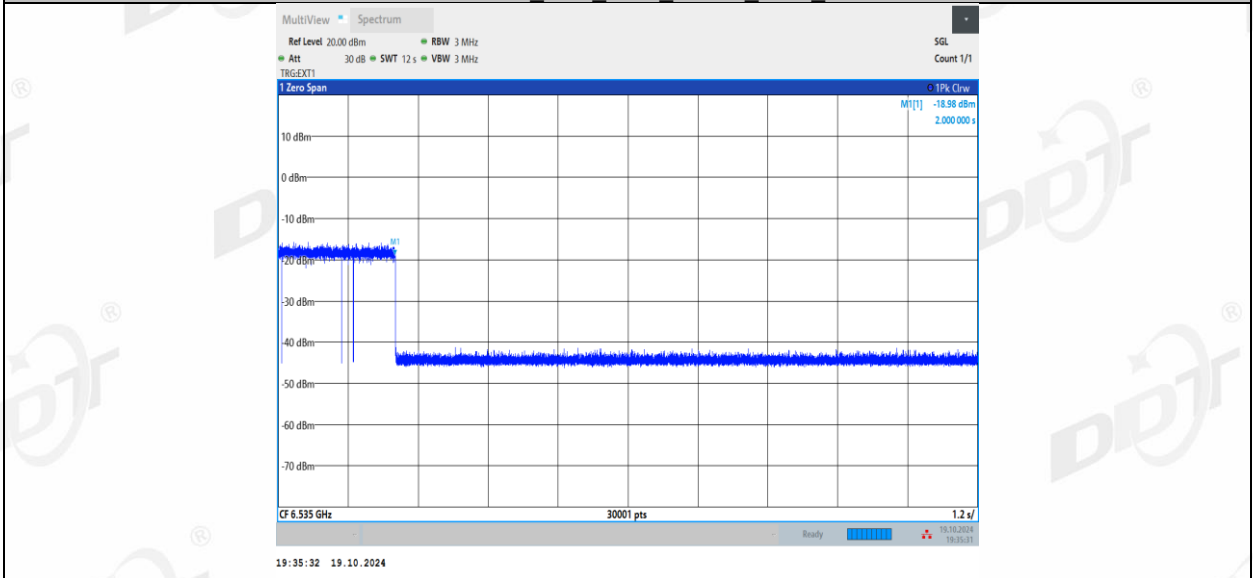


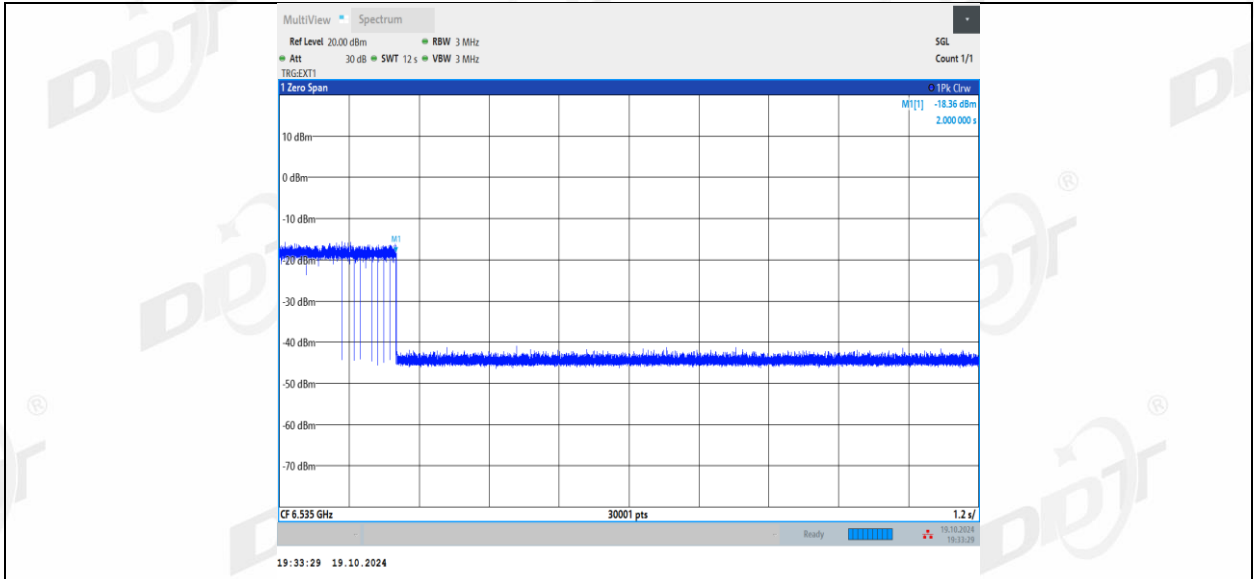
11AX20MIMO Ant1 6455 Center 6455 Minimal



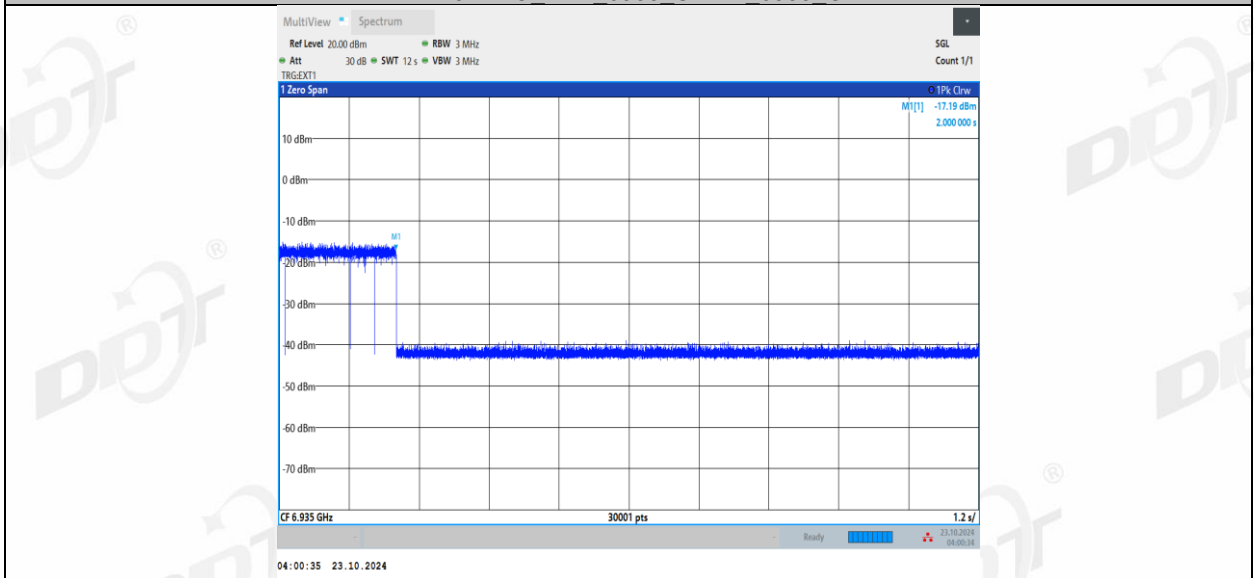
11AX20MIMO Ant1 6535 Center 6535 OFF



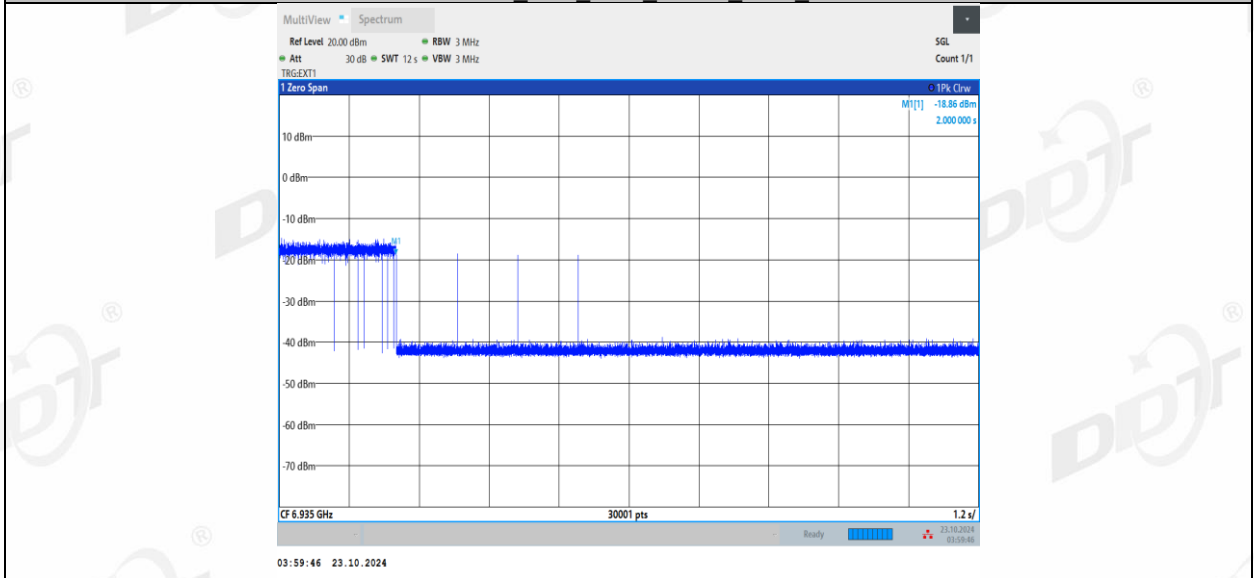
11AX20MIMO Ant1 6535 Center 6535 Minimal



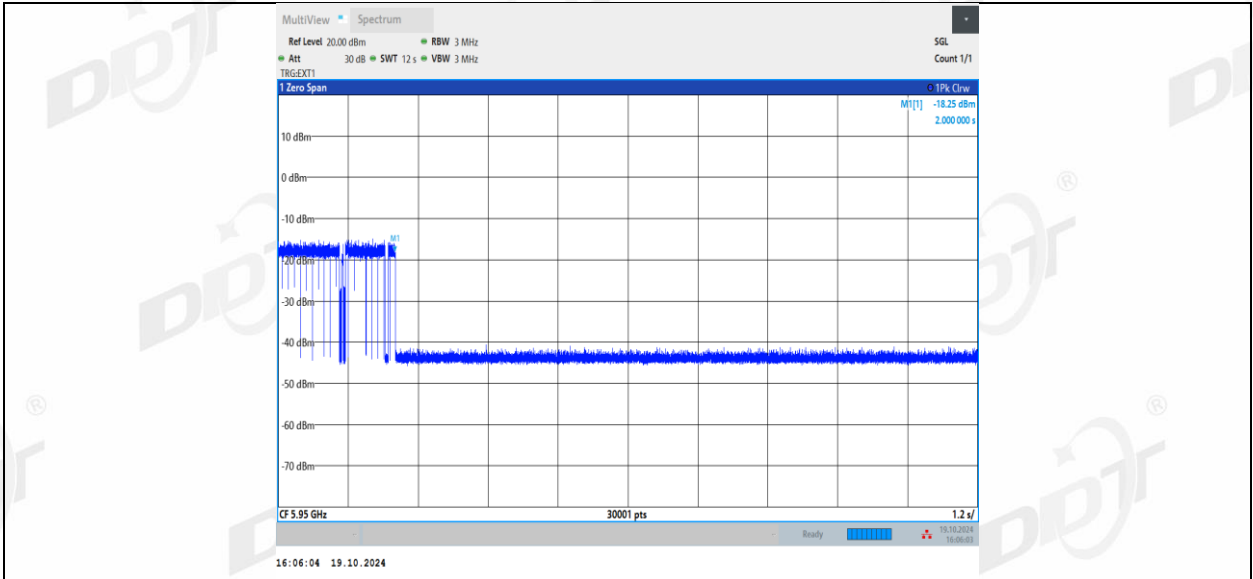
11AX20MIMO Ant1_6935_Center_6935_OFF



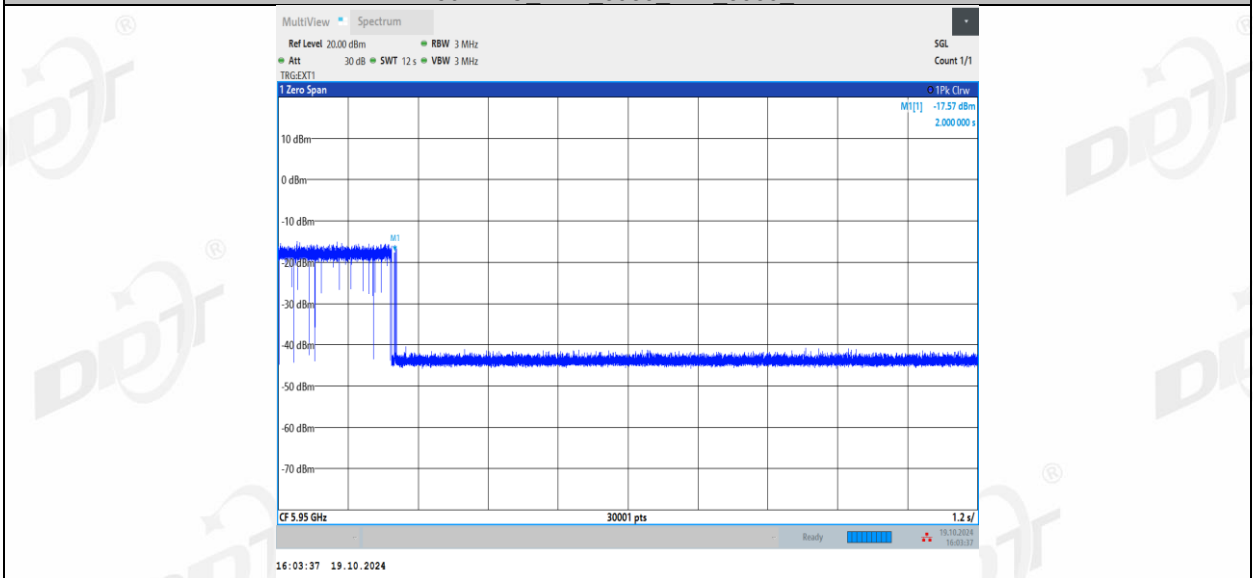
11AX20MIMO Ant1_6935_Center_6935_Minimal



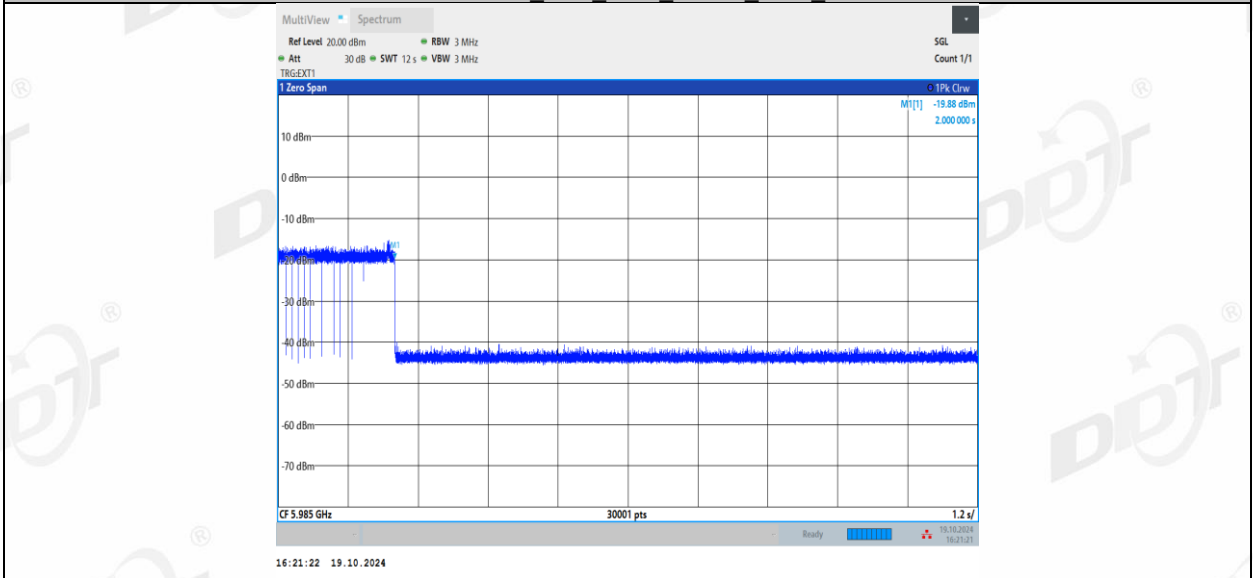
11AX80MIMO Ant1_5985_Low_5950_OFF



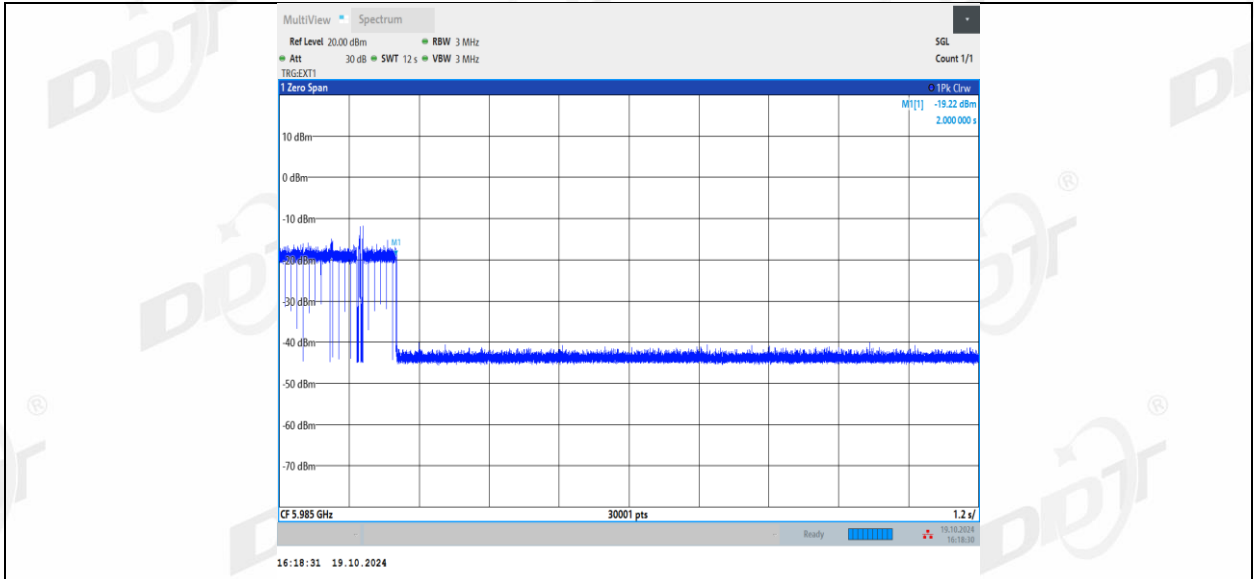
11AX80MIMO Ant1 5985 Low 5950 Minimal



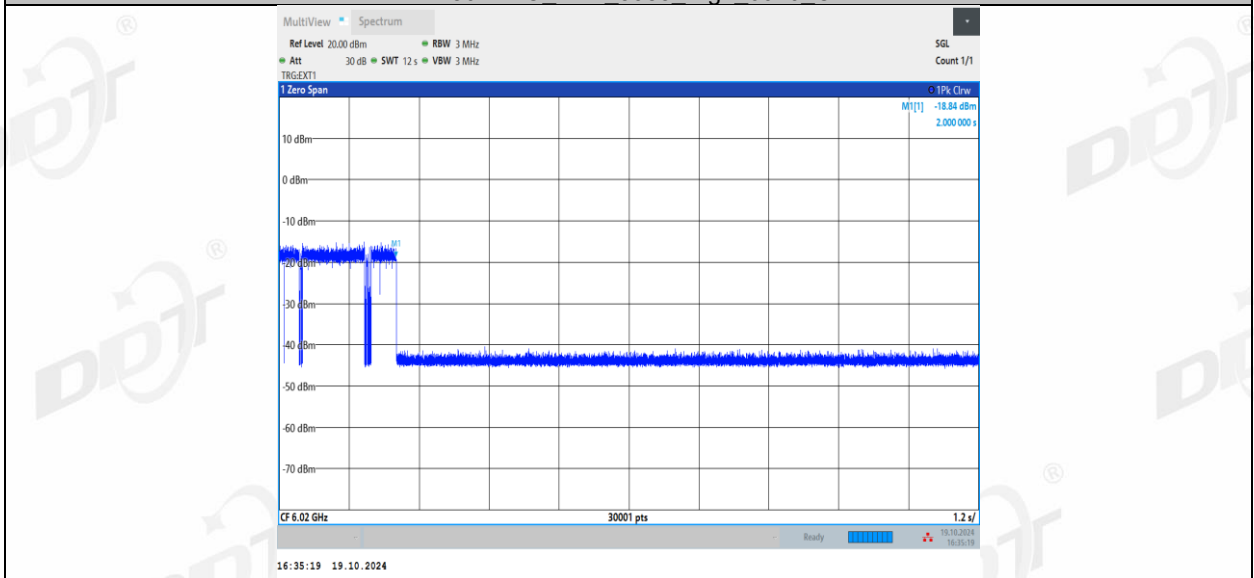
11AX80MIMO Ant1 5985 Center 5985 OFF



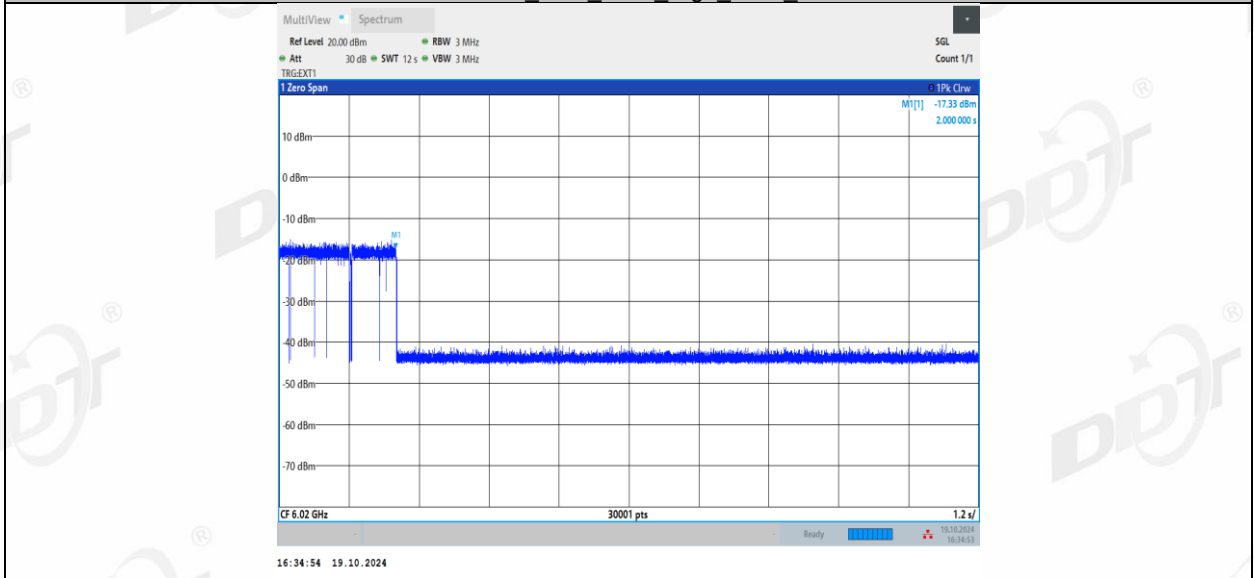
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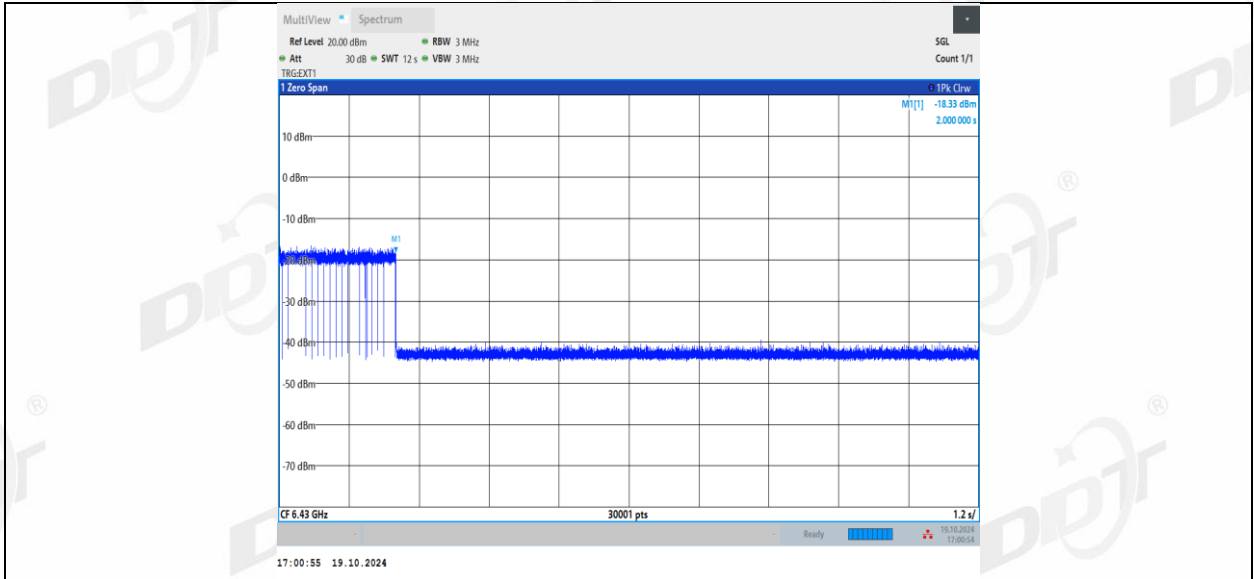
11AX80MIMO Ant1 5985 High 6020 OFF



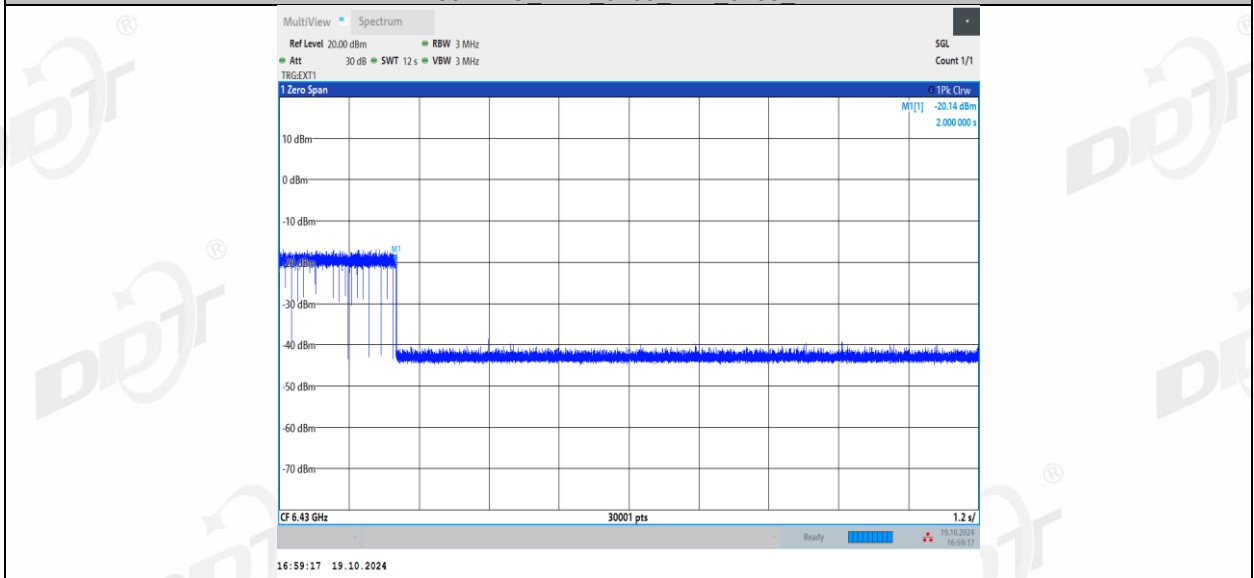
11AX80MIMO Ant1 5985 High 6020 Minimal



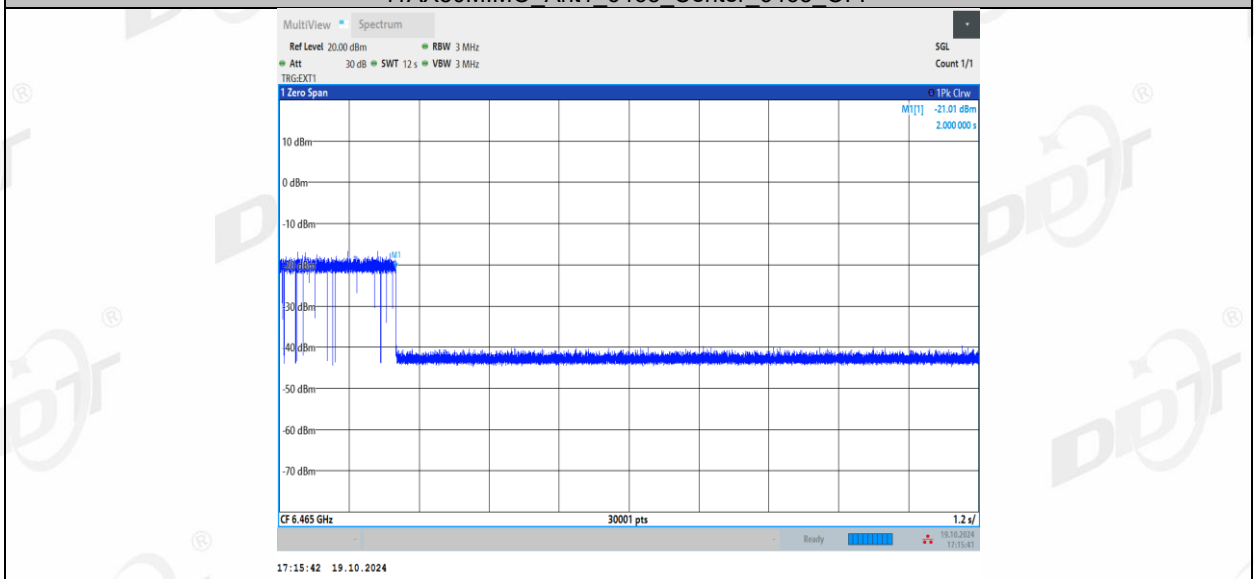
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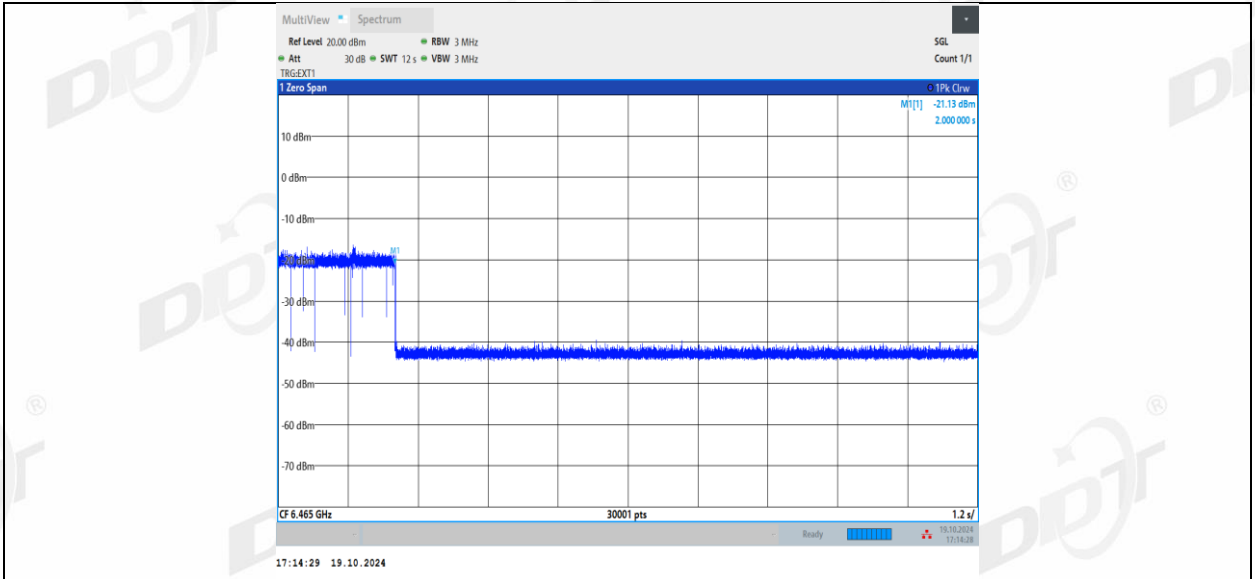
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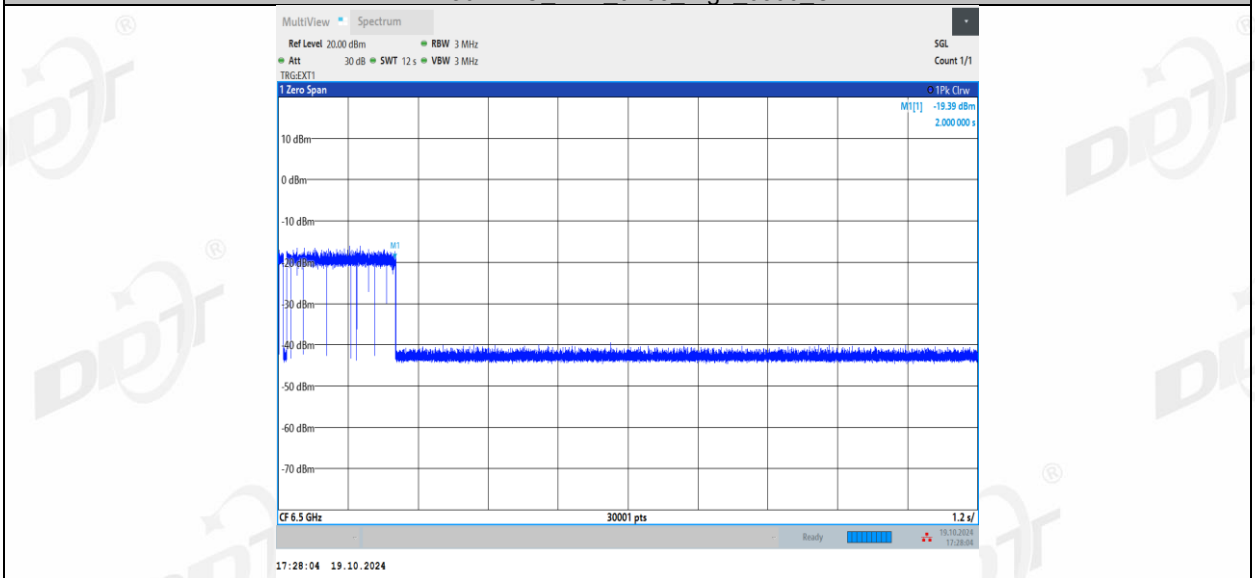
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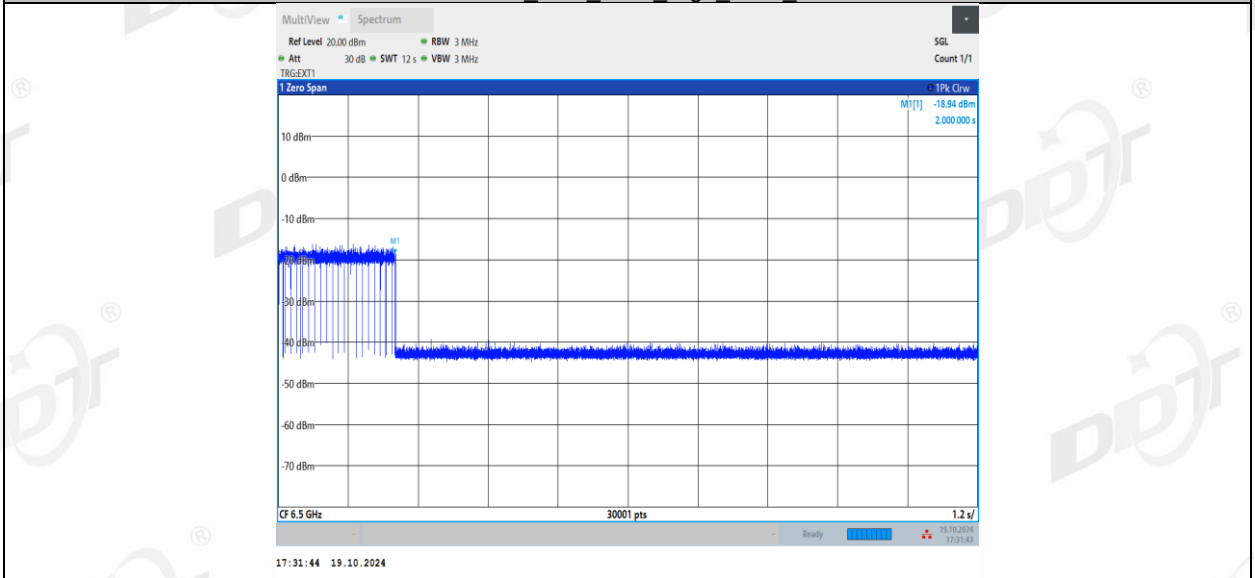
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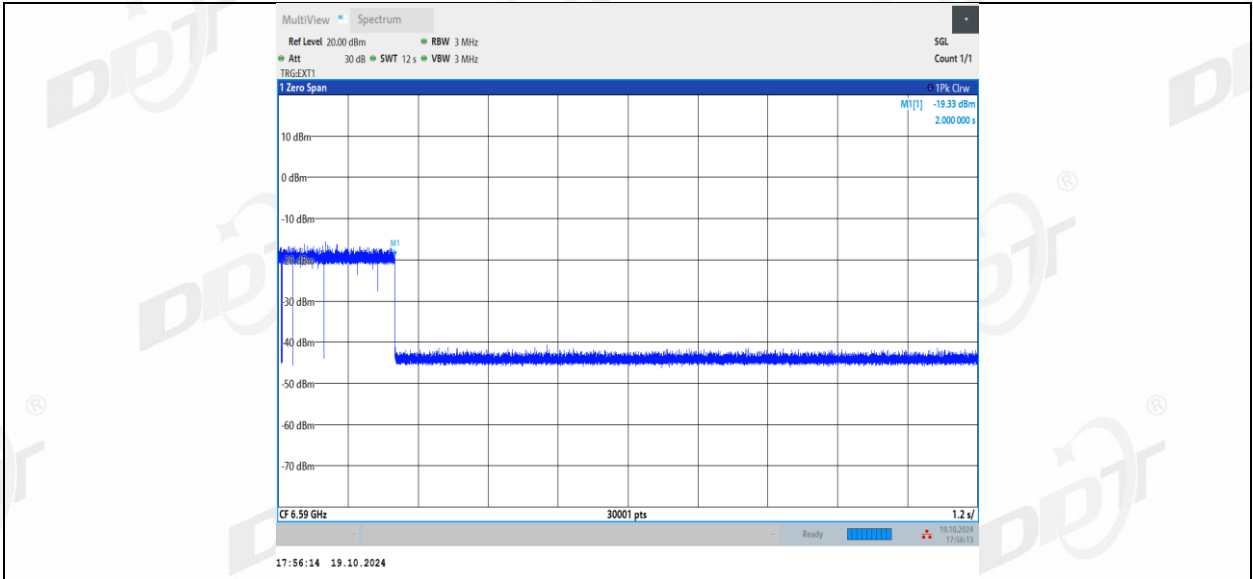
11AX80MIMO Ant1 6465 High 6500 OFF



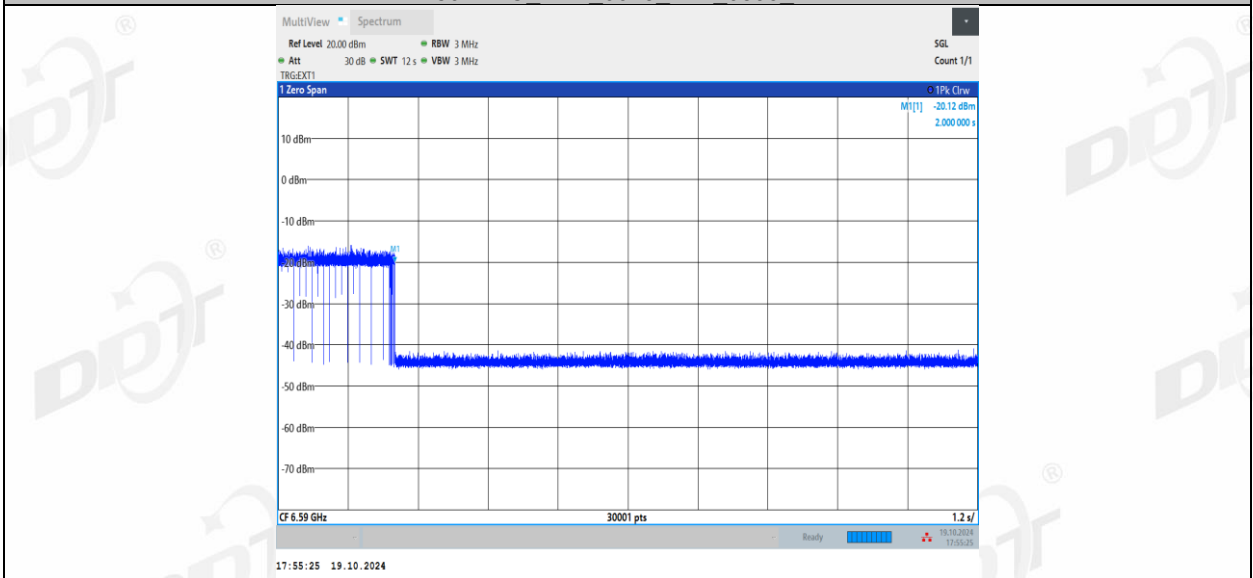
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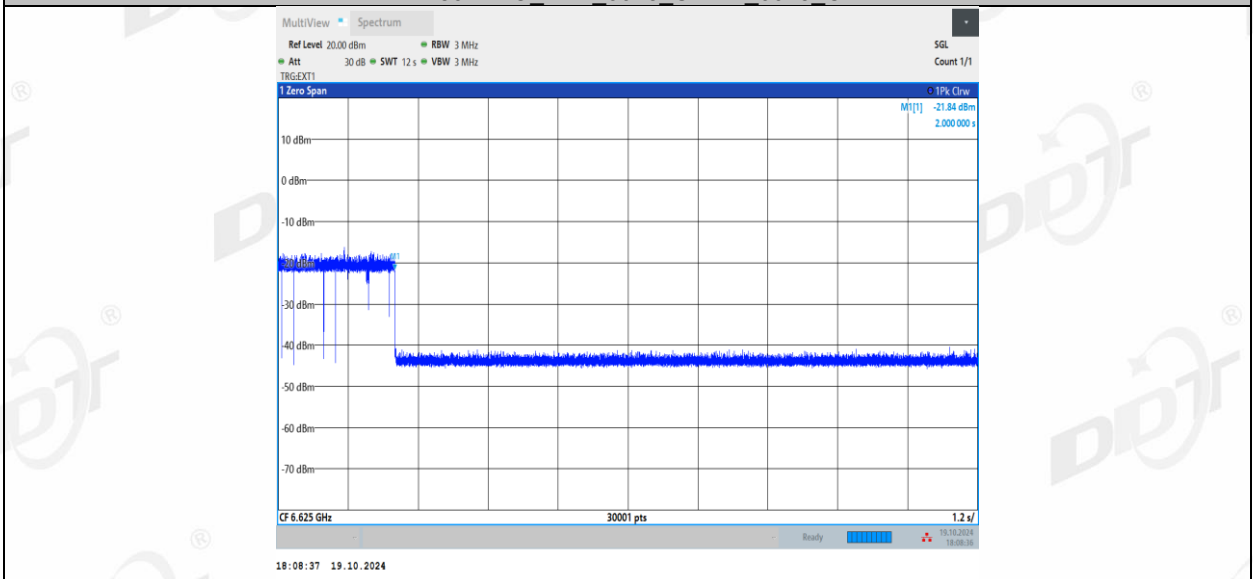
11AX80MIMO Ant1 6625 Low 6590 OFF



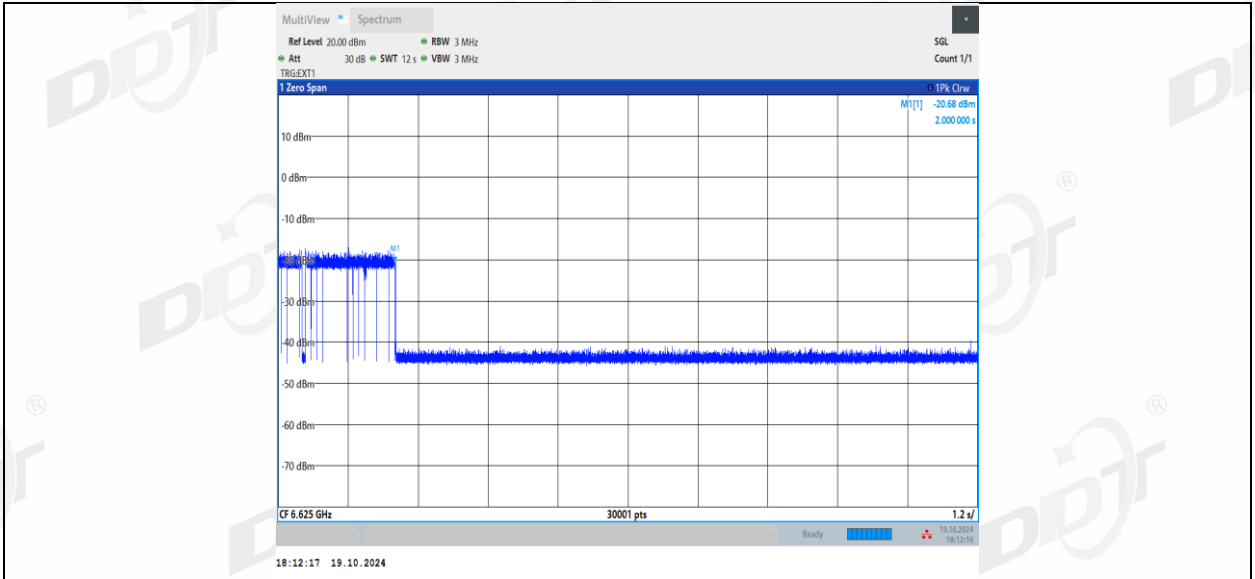
11AX80MIMO Ant1_6625_Low_6590_Minimal



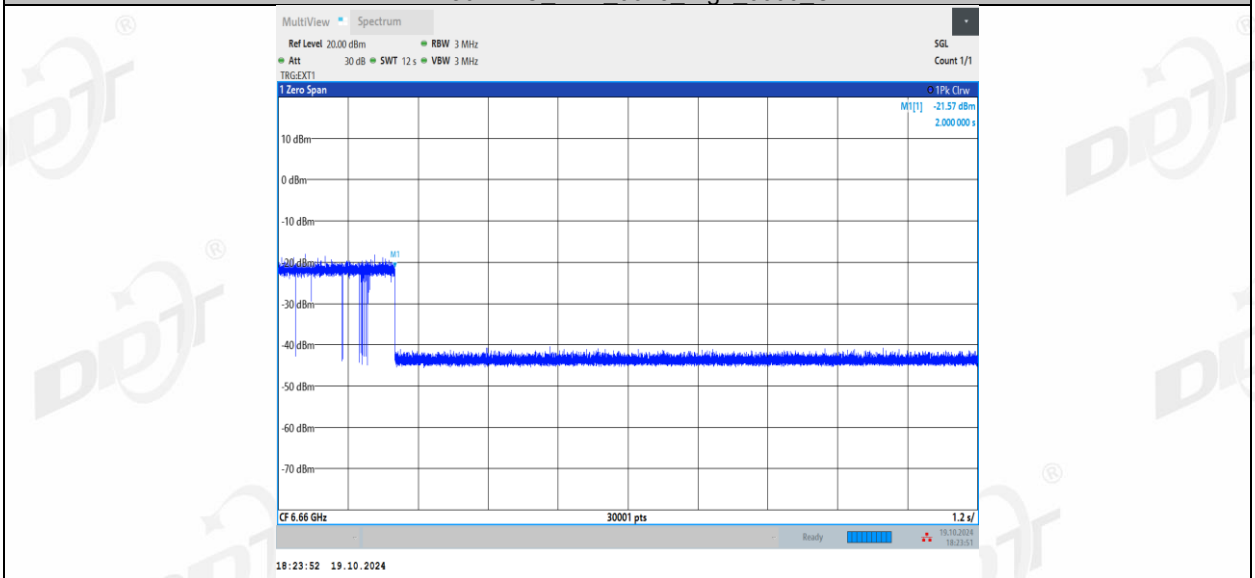
11AX80MIMO Ant1_6625_Center_6625_OFF



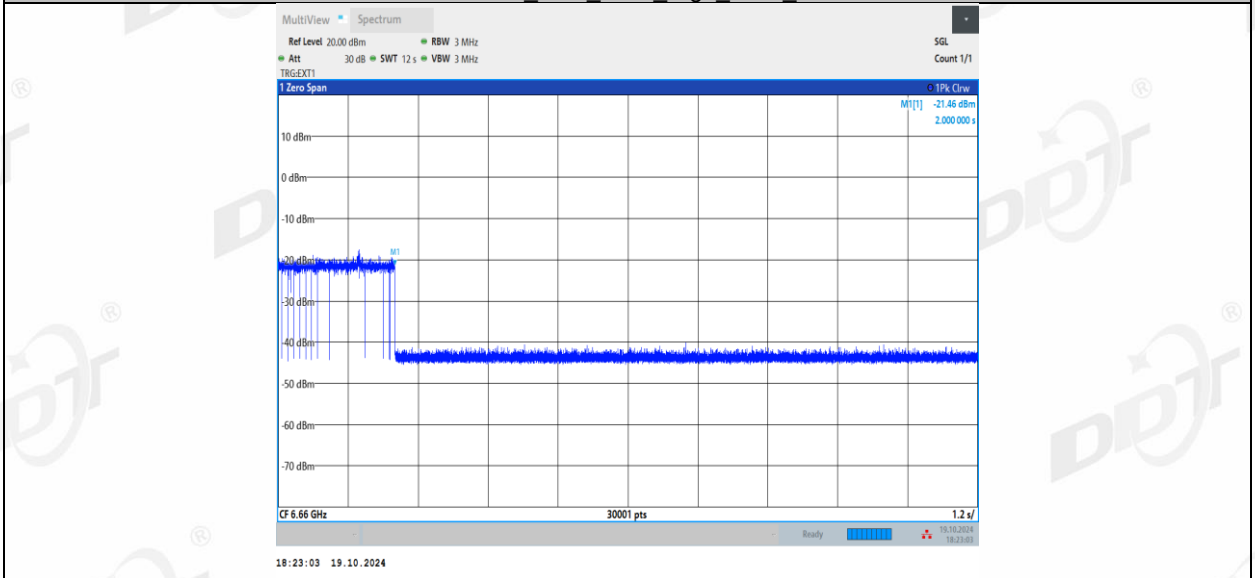
11AX80MIMO Ant1_6625_Center_6625_Minimal



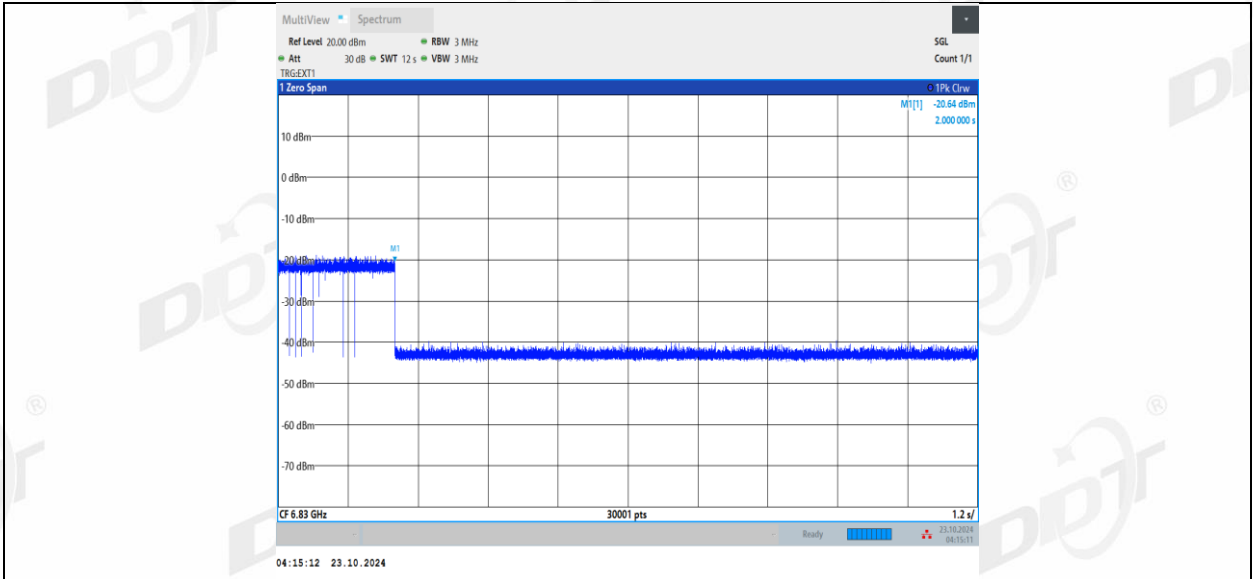
11AX80MIMO Ant1 6625 High 6660 OFF



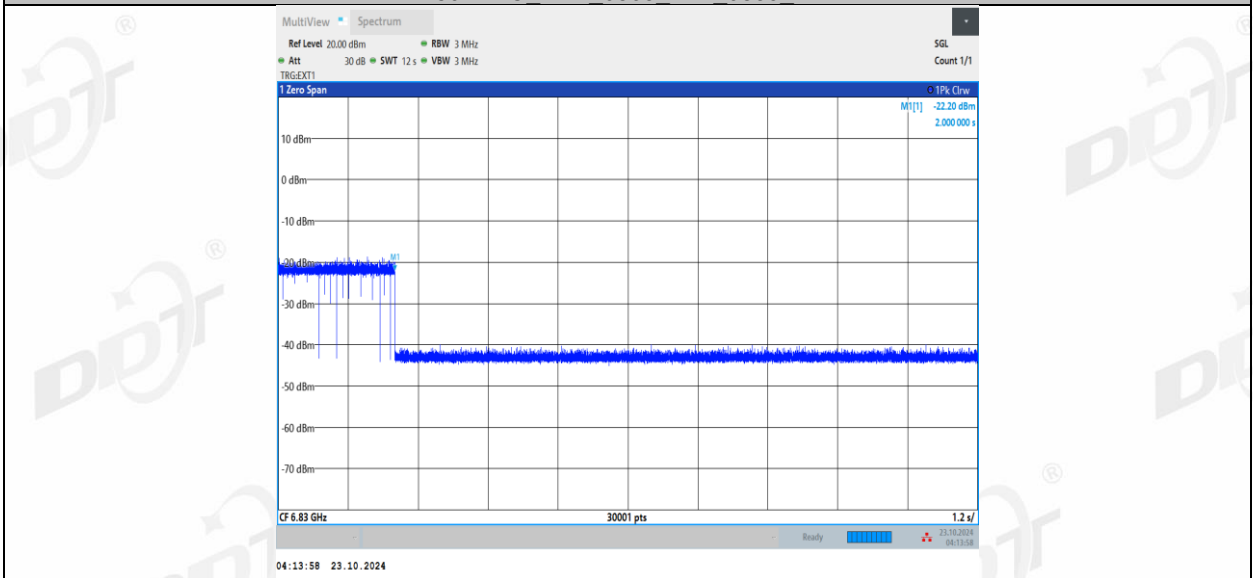
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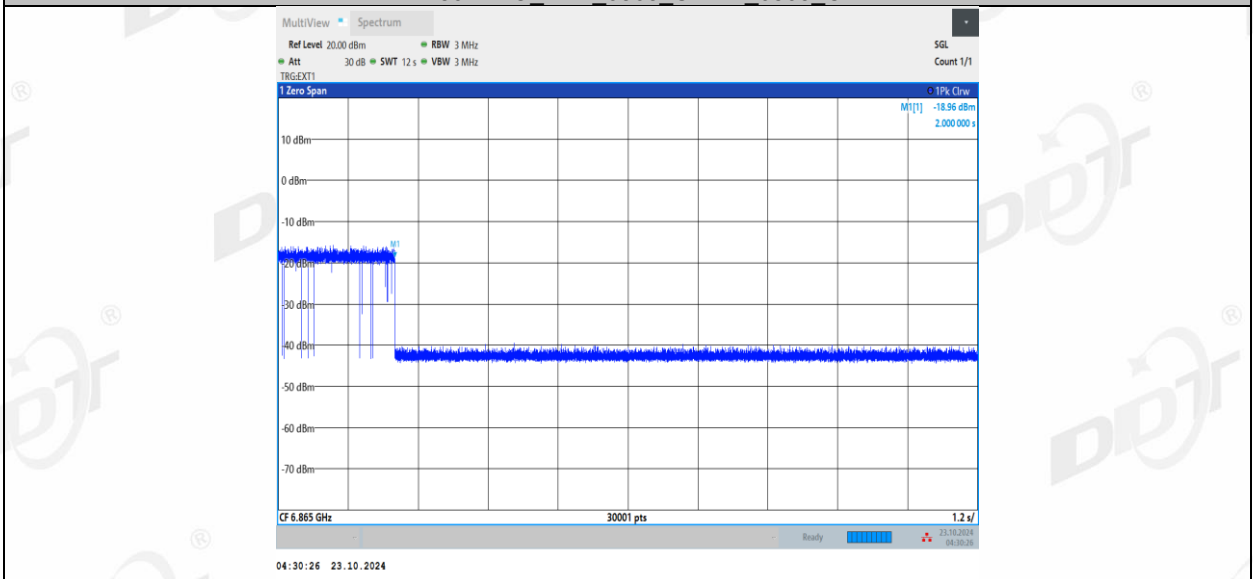
11AX80MIMO Ant1 6865 Low 6830 OFF



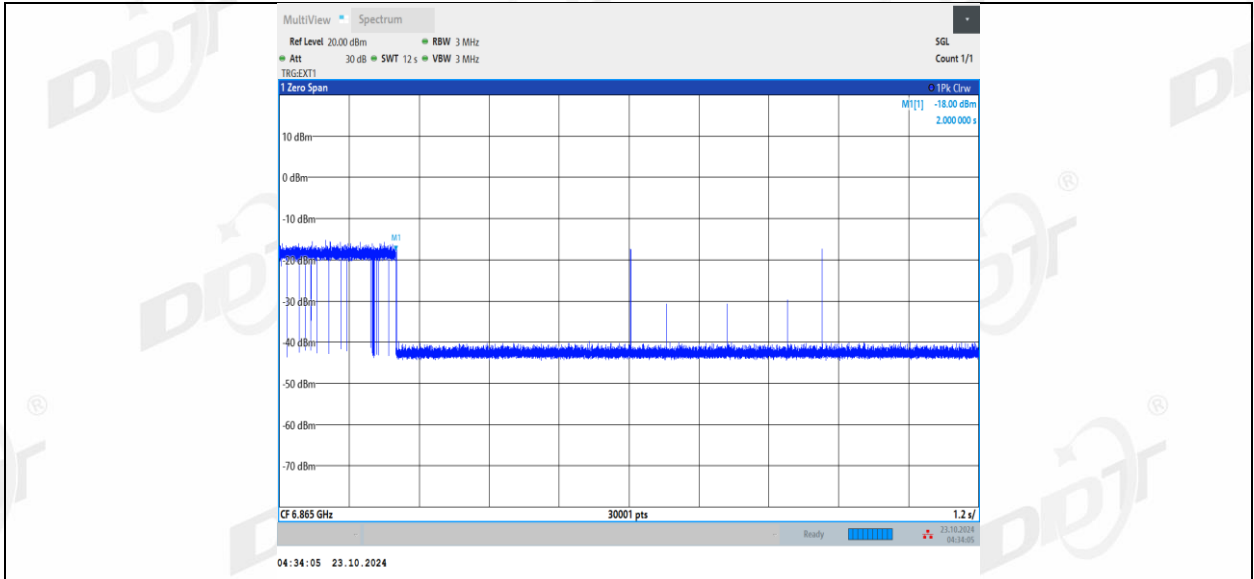
11AX80MIMO Ant1_6865_Low_6830_Minimal



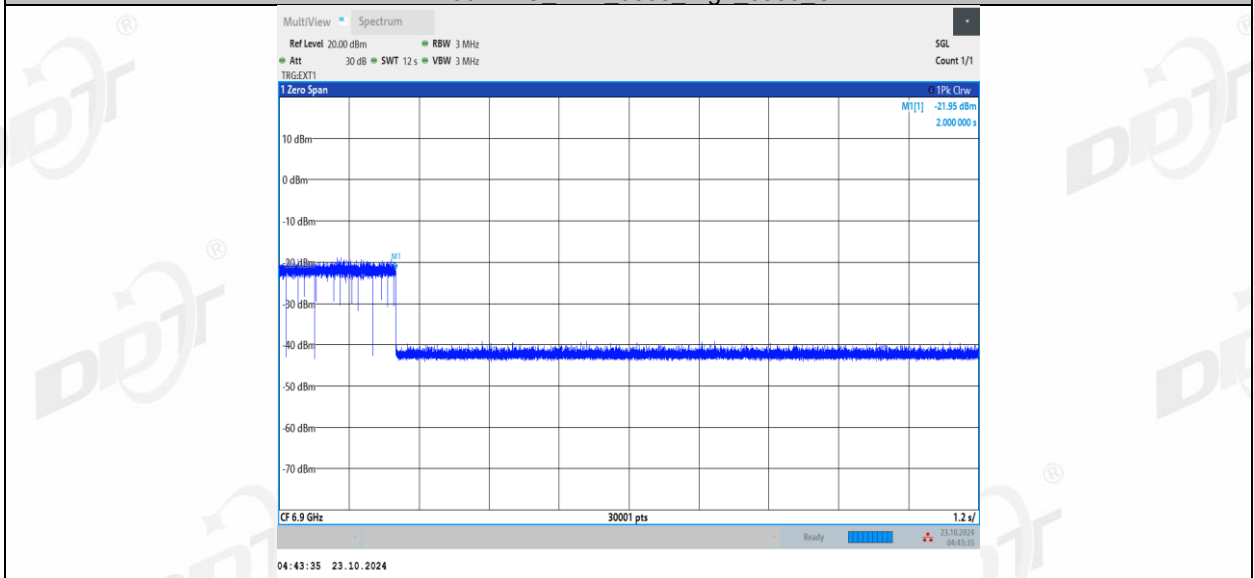
11AX80MIMO Ant1_6865_Center_6865_OFF



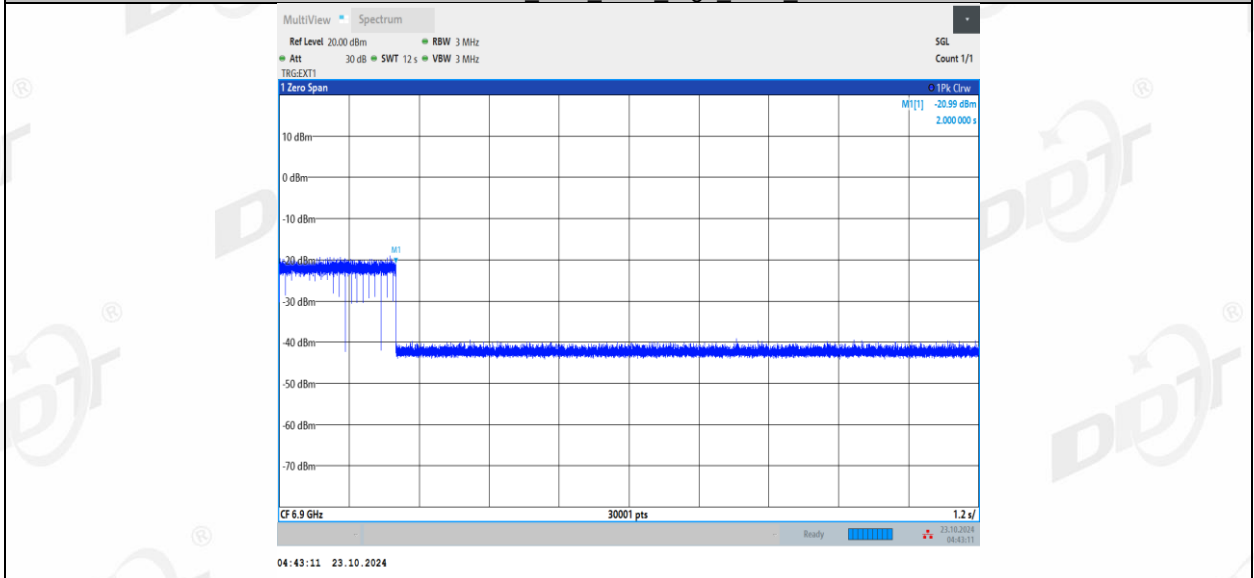
11AX80MIMO Ant1_6865_Center_6865_Minimal



11AX80MIMO Ant1 6865 High 6900 OFF



11AX80MIMO Ant1 6865 High 6900 Minimal



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.

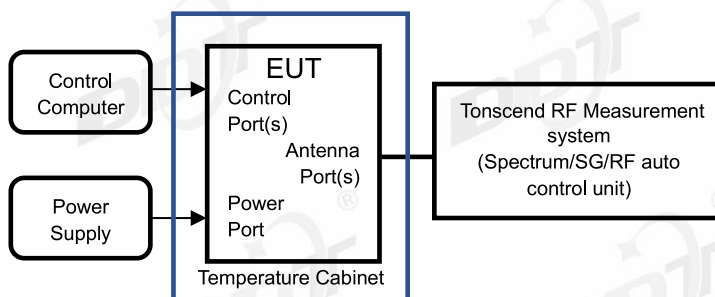
11.3. Test procedures

(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 Mode	Antenna	Freq. [MHz]	Voltage					
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20 MIMO	Ant-1	5955	NV	NT	-20000.00	-3.358522	20	PASS
			LV	NT	-40000.00	-6.717045	20	PASS
			HV	NT	-40000.00	-6.717045	20	PASS
	Ant-3	5955	HV	NT	-20000.00	-3.358522	20	PASS
			LV	NT	-20000.00	-3.358522	20	PASS
			NV	NT	-20000.00	-3.358522	20	PASS
	Ant-1	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
	Ant-3	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
	Ant-1	6415	LV	NT	-20000.00	-3.117693	20	PASS
			HV	NT	-20000.00	-3.117693	20	PASS
			NV	NT	-20000.00	-3.117693	20	PASS
	Ant-3	6415	NV	NT	-20000.00	-3.117693	20	PASS
			LV	NT	-40000.00	-6.235386	20	PASS
			HV	NT	-20000.00	-3.117693	20	PASS
	Ant-1	6435	NV	NT	-40000.00	-6.216006	20	PASS
			LV	NT	-20000.00	-3.108003	20	PASS
			HV	NT	-40000.00	-6.216006	20	PASS
	Ant-3	6435	HV	NT	-40000.00	-6.216006	20	PASS
			LV	NT	-40000.00	-6.216006	20	PASS
			NV	NT	-40000.00	-6.216006	20	PASS
	Ant-1	6475	NV	NT	-40000.00	-6.177606	20	PASS
			LV	NT	-20000.00	-3.088803	20	PASS
			HV	NT	-20000.00	-3.088803	20	PASS
	Ant-3	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
	Ant-1	6515	HV	NT	-20000.00	-3.069839	20	PASS
			LV	NT	-40000.00	-6.139678	20	PASS
			NV	NT	-40000.00	-6.139678	20	PASS
	Ant-3	6515	LV	NT	-40000.00	-6.139678	20	PASS
			HV	NT	-20000.00	-3.069839	20	PASS
			NV	NT	-40000.00	-6.139678	20	PASS
	Ant-1	6535	NV	NT	-20000.00	-3.060444	20	PASS
			HV	NT	-20000.00	-3.060444	20	PASS
			LV	NT	-20000.00	-3.060444	20	PASS
	Ant-3	6535	LV	NT	-20000.00	-3.060444	20	PASS
			HV	NT	-20000.00	-3.060444	20	PASS
			NV	NT	-20000.00	-3.060444	20	PASS
	Ant-1	6695	LV	NT	-40000.00	-5.974608	20	PASS
			HV	NT	-40000.00	-5.974608	20	PASS
			NV	NT	-40000.00	-5.974608	20	PASS
	Ant-3	6695	NV	NT	-40000.00	-5.974608	20	PASS
			LV	NT	-40000.00	-5.974608	20	PASS
			HV	NT	-40000.00	-5.974608	20	PASS
Ant-1	6855	HV	NT	-40000.00	-5.835157	20	PASS	
		NV	NT	-40000.00	-5.835157	20	PASS	
		LV	NT	-40000.00	-5.835157	20	PASS	
Ant-3	6855	LV	NT	-40000.00	-5.835157	20	PASS	
		NV	NT	-40000.00	-5.835157	20	PASS	
		HV	NT	-20000.00	-2.917578	20	PASS	
Ant-1	6875	NV	NT	-40000.00	-5.818182	20	PASS	
		HV	NT	-40000.00	-5.818182	20	PASS	
		LV	NT	-40000.00	-5.818182	20	PASS	

11AX40MIMO	Ant-3	6875	NV	NT	-40000.00	-5.818182	20	PASS
			LV	NT	-40000.00	-5.818182	20	PASS
			HV	NT	-40000.00	-5.818182	20	PASS
	Ant-1	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
	Ant-3	6895	HV	NT	-40000.00	-5.801305	20	PASS
			LV	NT	-20000.00	-2.900653	20	PASS
			NV	NT	-20000.00	-2.900653	20	PASS
	Ant-1	6995	NV	NT	-40000.00	-5.718370	20	PASS
			LV	NT	-40000.00	-5.718370	20	PASS
			HV	NT	-40000.00	-5.718370	20	PASS
	Ant-3	6995	HV	NT	-40000.00	-5.718370	20	PASS
			LV	NT	-20000.00	-2.859185	20	PASS
			NV	NT	-20000.00	-2.859185	20	PASS
	Ant-1	7095	NV	NT	-40000.00	-5.637773	20	PASS
			LV	NT	-40000.00	-5.637773	20	PASS
			HV	NT	-40000.00	-5.637773	20	PASS
	Ant-3	7095	NV	NT	-40000.00	-5.637773	20	PASS
			LV	NT	-40000.00	-5.637773	20	PASS
			HV	NT	-40000.00	-5.637773	20	PASS
	Ant-1	7115	LV	NT	-40000.00	-5.621926	20	PASS
			HV	NT	-40000.00	-5.621926	20	PASS
			NV	NT	-40000.00	-5.621926	20	PASS
	Ant-3	7115	LV	NT	-20000.00	-2.810963	20	PASS
			NV	NT	-20000.00	-2.810963	20	PASS
			HV	NT	-40000.00	-5.621926	20	PASS
Ant-1	5965	NV	NT	-40000.00	-6.705784	20	PASS	
		LV	NT	-40000.00	-6.705784	20	PASS	
		HV	NT	-40000.00	-6.705784	20	PASS	
Ant-3	5965	NV	NT	-80000.00	-13.411567	20	PASS	
		HV	NT	-80000.00	-13.411567	20	PASS	
		LV	NT	-40000.00	-6.705784	20	PASS	
Ant-1	6165	NV	NT	-40000.00	-6.488240	20	PASS	
		LV	NT	0.00	0.000000	20	PASS	
		HV	NT	0.00	0.000000	20	PASS	
Ant-3	6165	NV	NT	-80000.00	-12.976480	20	PASS	
		LV	NT	-40000.00	-6.488240	20	PASS	
		HV	NT	0.00	0.000000	20	PASS	
Ant-1	6405	NV	NT	-40000.00	-6.245121	20	PASS	
		LV	NT	-40000.00	-6.245121	20	PASS	
		HV	NT	-40000.00	-6.245121	20	PASS	
Ant-3	6405	NV	NT	0.00	0.000000	20	PASS	
		LV	NT	0.00	0.000000	20	PASS	
		HV	NT	120000.00	18.735363	20	PASS	
Ant-1	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	
Ant-3	6445	LV	NT	-40000.00	-6.206362	20	PASS	
		HV	NT	-40000.00	-6.206362	20	PASS	
		NV	NT	-40000.00	-6.206362	20	PASS	
Ant-1	6485	NV	NT	0.00	0.000000	20	PASS	
		LV	NT	-40000.00	-6.168080	20	PASS	
		HV	NT	-40000.00	-6.168080	20	PASS	
Ant-3	6485	NV	NT	-80000.00	-12.336160	20	PASS	
		LV	NT	-40000.00	-6.168080	20	PASS	
		HV	NT	-40000.00	-6.168080	20	PASS	
Ant-1	6525	HV	NT	-40000.00	-6.130268	20	PASS	
		NV	NT	-40000.00	-6.130268	20	PASS	
		LV	NT	0.00	0.000000	20	PASS	
Ant-3	6525	HV	NT	-40000.00	-6.130268	20	PASS	
		LV	NT	0.00	0.000000	20	PASS	
		NV	NT	0.00	0.000000	20	PASS	
Ant-1	6565	LV	NT	40000.00	6.092917	20	PASS	

	Ant-3	6565	HV	NT	-40000.00	-6.092917	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			NV	NT	-120000.00	-18.278751	20	PASS
			LV	NT	-40000.00	-6.092917	20	PASS
			HV	NT	-40000.00	-6.092917	20	PASS
	Ant-1	6685	NV	NT	-40000.00	-5.983545	20	PASS
			LV	NT	-40000.00	-5.983545	20	PASS
			HV	NT	-40000.00	-5.983545	20	PASS
	Ant-3	6685	NV	NT	-40000.00	-5.983545	20	PASS
			LV	NT	-40000.00	-5.983545	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant-1	6845	LV	NT	-40000.00	-5.843682	20	PASS
			HV	NT	-40000.00	-5.843682	20	PASS
			NV	NT	-40000.00	-5.843682	20	PASS
	Ant-3	6845	LV	NT	-40000.00	-5.843682	20	PASS
			HV	NT	-40000.00	-5.843682	20	PASS
			NV	NT	-40000.00	-5.843682	20	PASS
	Ant-1	6885	NV	NT	-40000.00	-5.809731	20	PASS
			LV	NT	-40000.00	-5.809731	20	PASS
			HV	NT	-40000.00	-5.809731	20	PASS
	Ant-3	6885	NV	NT	-80000.00	-11.619463	20	PASS
			LV	NT	-80000.00	-11.619463	20	PASS
			HV	NT	-40000.00	-5.809731	20	PASS
	Ant-1	6925	HV	NT	-40000.00	-5.776173	20	PASS
			NV	NT	-40000.00	-5.776173	20	PASS
			LV	NT	-40000.00	-5.776173	20	PASS
	Ant-3	6925	HV	NT	-40000.00	-5.776173	20	PASS
			NV	NT	-40000.00	-5.776173	20	PASS
			LV	NT	-40000.00	-5.776173	20	PASS
	Ant-1	6965	NV	NT	-40000.00	-5.743001	20	PASS
			LV	NT	-80000.00	-11.486001	20	PASS
			HV	NT	-40000.00	-5.743001	20	PASS
	Ant-3	6965	NV	NT	-40000.00	-5.743001	20	PASS
			LV	NT	-40000.00	-5.743001	20	PASS
			HV	NT	-40000.00	-5.743001	20	PASS
	Ant-1	7085	NV	NT	-40000.00	-5.645730	20	PASS
LV			NT	-40000.00	-5.645730	20	PASS	
HV			NT	-40000.00	-5.645730	20	PASS	
Ant-3	7085	HV	NT	-40000.00	-5.645730	20	PASS	
		NV	NT	-40000.00	-5.645730	20	PASS	
		LV	NT	-40000.00	-5.645730	20	PASS	
11AX80MIMO	Ant-1	5985	HV	NT	-80000.00	-13.366750	20	PASS
			NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
	Ant-3	5985	NV	NT	-80000.00	-13.366750	20	PASS
			LV	NT	-80000.00	-13.366750	20	PASS
			HV	NT	-80000.00	-13.366750	20	PASS
	Ant-1	6145	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant-3	6145	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	80000.00	13.018714	20	PASS
	Ant-1	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
	Ant-3	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
	Ant-1	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
	Ant-3	6465	NV	NT	-80000.00	-12.374323	20	PASS
			LV	NT	0.00	0.000000	20	PASS

Ant-1	6545	HV	NT	80000.00	12.374323	20	PASS
		HV	NT	-80000.00	-12.223071	20	PASS
		NV	NT	0.00	0.000000	20	PASS
		LV	NT	80000.00	12.223071	20	PASS
Ant-3	6545	HV	NT	0.00	0.000000	20	PASS
		NV	NT	-80000.00	-12.223071	20	PASS
		LV	NT	-80000.00	-12.223071	20	PASS
Ant-1	6625	NV	NT	0.00	0.000000	20	PASS
		LV	NT	-80000.00	-12.075472	20	PASS
		HV	NT	-80000.00	-12.075472	20	PASS
Ant-3	6625	NV	NT	0.00	0.000000	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		HV	NT	0.00	0.000000	20	PASS
Ant-1	6705	NV	NT	0.00	0.000000	20	PASS
		LV	NT	-80000.00	-11.931394	20	PASS
		HV	NT	-80000.00	-11.931394	20	PASS
Ant-3	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
Ant-1	6785	NV	NT	0.00	0.000000	20	PASS
		LV	NT	80000.00	11.790715	20	PASS
		HV	NT	-160000.00	11.790715	20	PASS
Ant-3	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
Ant-1	6865	NV	NT	-80000.00	-11.653314	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		HV	NT	-80000.00	-11.653314	20	PASS
Ant-3	6865	HV	NT	-160000.00	-11.653314	20	PASS
		NV	NT	0.00	0.000000	20	PASS
		LV	NT	-160000.00	-11.653314	20	PASS
Ant-1	6945	HV	NT	0.00	0.000000	20	PASS
		NV	NT	-160000.00	-11.653314	20	PASS
		LV	NT	0.00	0.000000	20	PASS
Ant-3	6945	NV	NT	0.00	0.000000	20	PASS
		LV	NT	80000.00	11.519078	20	PASS
		HV	NT	-80000.00	-11.519078	20	PASS
Ant-1	7025	NV	NT	0.00	0.000000	20	PASS
		LV	NT	-80000.00	-11.387900	20	PASS
		HV	NT	0.00	0.000000	20	PASS
Ant-3	7025	NV	NT	-80000.00	-11.387900	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		HV	NT	0.00	0.000000	20	PASS

Temperature								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20 MIMO	Ant-1	5955	NV	0	-20000.00	-3.358522	20	PASS
			NV	60	-20000.00	-3.358522	20	PASS
			NV	50	-20000.00	-3.358522	20	PASS
			NV	40	-20000.00	-3.358522	20	PASS
			NV	30	-20000.00	-3.358522	20	PASS
			NV	20	-20000.00	-3.358522	20	PASS
			NV	10	-20000.00	-3.358522	20	PASS
			NV	70	-20000.00	-3.358522	20	PASS
	Ant-3	5955	NV	50	-20000.00	-3.358522	20	PASS
			NV	0	-20000.00	-3.358522	20	PASS
			NV	10	-20000.00	-3.358522	20	PASS
			NV	20	-20000.00	-3.358522	20	PASS
			NV	40	-20000.00	-3.358522	20	PASS
			NV	70	-20000.00	-3.358522	20	PASS
			NV	60	-20000.00	-3.358522	20	PASS
			NV	30	-40000.00	-6.717045	20	PASS
	Ant-1	6175	NV	0	-20000.00	-3.238866	20	PASS
			NV	20	-20000.00	-3.238866	20	PASS
			NV	30	-20000.00	-3.238866	20	PASS
			NV	40	-20000.00	-3.238866	20	PASS
			NV	50	-20000.00	-3.238866	20	PASS
			NV	60	-20000.00	-3.238866	20	PASS
			NV	70	-20000.00	-3.238866	20	PASS
			NV	10	-20000.00	-3.238866	20	PASS
	Ant-3	6175	NV	30	-40000.00	-6.477733	20	PASS
			NV	70	-40000.00	-6.477733	20	PASS
			NV	60	-40000.00	-6.477733	20	PASS
			NV	40	-20000.00	-3.238866	20	PASS
			NV	20	-40000.00	-6.477733	20	PASS
			NV	10	-20000.00	-3.238866	20	PASS
			NV	0	-20000.00	-3.238866	20	PASS
			NV	50	-20000.00	-3.238866	20	PASS
	Ant-1	6415	NV	0	-20000.00	-3.117693	20	PASS
			NV	70	-20000.00	-3.117693	20	PASS
			NV	60	-20000.00	-3.117693	20	PASS
			NV	50	-20000.00	-3.117693	20	PASS
			NV	40	-20000.00	-3.117693	20	PASS
			NV	30	-20000.00	-3.117693	20	PASS
			NV	20	-20000.00	-3.117693	20	PASS
			NV	10	-20000.00	-3.117693	20	PASS
	Ant-3	6415	NV	50	-20000.00	-3.117693	20	PASS
			NV	0	-20000.00	-3.117693	20	PASS
			NV	70	-40000.00	-6.235386	20	PASS
			NV	20	-20000.00	-3.117693	20	PASS
			NV	30	-20000.00	-3.117693	20	PASS
			NV	10	-20000.00	-3.117693	20	PASS
			NV	40	-20000.00	-3.117693	20	PASS
			NV	60	-20000.00	-3.117693	20	PASS
	Ant-1	6435	NV	20	-20000.00	-3.108003	20	PASS
			NV	60	-20000.00	-3.108003	20	PASS
			NV	30	-20000.00	-3.108003	20	PASS
			NV	10	-40000.00	-6.216006	20	PASS
NV			40	-40000.00	-6.216006	20	PASS	
NV			0	-20000.00	-3.108003	20	PASS	
NV			50	-20000.00	-3.108003	20	PASS	
NV			70	-40000.00	-6.216006	20	PASS	
Ant-3	6435	NV	50	-40000.00	-6.216006	20	PASS	
		NV	20	-20000.00	-3.108003	20	PASS	

		NV	40	-40000.00	-6.216006	20	PASS
		NV	60	-40000.00	-6.216006	20	PASS
		NV	70	-40000.00	-6.216006	20	PASS
		NV	0	-40000.00	-6.216006	20	PASS
		NV	30	-40000.00	-6.216006	20	PASS
		NV	10	-40000.00	-6.216006	20	PASS
Ant-1	6475	NV	0	-20000.00	-3.088803	20	PASS
		NV	70	-40000.00	-6.177606	20	PASS
		NV	60	-20000.00	-3.088803	20	PASS
		NV	50	-40000.00	-6.177606	20	PASS
		NV	40	-40000.00	-6.177606	20	PASS
		NV	30	-40000.00	-6.177606	20	PASS
		NV	20	-40000.00	-6.177606	20	PASS
		NV	10	-40000.00	-6.177606	20	PASS
Ant-3	6475	NV	60	-20000.00	-3.088803	20	PASS
		NV	0	-40000.00	-6.177606	20	PASS
		NV	20	-20000.00	-3.088803	20	PASS
		NV	30	-20000.00	-3.088803	20	PASS
		NV	40	-40000.00	-6.177606	20	PASS
		NV	10	-20000.00	-3.088803	20	PASS
		NV	70	-20000.00	-3.088803	20	PASS
		NV	50	-40000.00	-6.177606	20	PASS
Ant-1	6515	NV	70	-40000.00	-6.139678	20	PASS
		NV	10	-20000.00	-3.069839	20	PASS
		NV	60	-40000.00	-6.139678	20	PASS
		NV	20	-40000.00	-6.139678	20	PASS
		NV	0	-20000.00	-3.069839	20	PASS
		NV	30	-20000.00	-3.069839	20	PASS
		NV	40	-40000.00	-6.139678	20	PASS
		NV	50	-40000.00	-6.139678	20	PASS
Ant-3	6515	NV	30	-40000.00	-6.139678	20	PASS
		NV	70	-20000.00	-3.069839	20	PASS
		NV	60	-40000.00	-6.139678	20	PASS
		NV	40	-40000.00	-6.139678	20	PASS
		NV	20	-20000.00	-3.069839	20	PASS
		NV	0	-20000.00	-3.069839	20	PASS
		NV	50	-40000.00	-6.139678	20	PASS
		NV	10	-40000.00	-6.139678	20	PASS
Ant-1	6535	NV	10	-20000.00	-3.060444	20	PASS
		NV	20	-20000.00	-3.060444	20	PASS
		NV	30	-20000.00	-3.060444	20	PASS
		NV	40	-20000.00	-3.060444	20	PASS
		NV	50	-20000.00	-3.060444	20	PASS
		NV	0	-20000.00	-3.060444	20	PASS
		NV	60	-20000.00	-3.060444	20	PASS
		NV	70	-40000.00	-6.120888	20	PASS
Ant-3	6535	NV	20	-20000.00	-3.060444	20	PASS
		NV	30	-20000.00	-3.060444	20	PASS
		NV	40	-20000.00	-3.060444	20	PASS
		NV	50	-20000.00	-3.060444	20	PASS
		NV	60	-20000.00	-3.060444	20	PASS
		NV	70	-20000.00	-3.060444	20	PASS
		NV	0	-20000.00	-3.060444	20	PASS
		NV	10	-20000.00	-3.060444	20	PASS
Ant-1	6695	NV	0	-20000.00	-2.987304	20	PASS
		NV	70	-40000.00	-5.974608	20	PASS
		NV	60	-40000.00	-5.974608	20	PASS
		NV	50	-40000.00	-5.974608	20	PASS
		NV	40	-40000.00	-5.974608	20	PASS
		NV	30	-20000.00	-2.987304	20	PASS
		NV	20	-40000.00	-5.974608	20	PASS
		NV	10	-40000.00	-5.974608	20	PASS
Ant-3	6695	NV	70	-40000.00	-5.974608	20	PASS
		NV	60	-40000.00	-5.974608	20	PASS

			NV	50	-40000.00	-5.974608	20	PASS
			NV	40	-40000.00	-5.974608	20	PASS
			NV	30	-40000.00	-5.974608	20	PASS
			NV	20	-40000.00	-5.974608	20	PASS
			NV	10	-40000.00	-5.974608	20	PASS
			NV	0	-40000.00	-5.974608	20	PASS
	Ant-1	6855	NV	60	-40000.00	-5.835157	20	PASS
			NV	20	-40000.00	-5.835157	20	PASS
			NV	30	-40000.00	-5.835157	20	PASS
			NV	50	-40000.00	-5.835157	20	PASS
			NV	0	-40000.00	-5.835157	20	PASS
			NV	70	-20000.00	-2.917578	20	PASS
			NV	10	-20000.00	-2.917578	20	PASS
			NV	40	-40000.00	-5.835157	20	PASS
			NV	50	-40000.00	-5.835157	20	PASS
			NV	40	-40000.00	-5.835157	20	PASS
	Ant-3	6855	NV	70	-20000.00	-2.917578	20	PASS
			NV	30	-20000.00	-2.917578	20	PASS
			NV	20	-20000.00	-2.917578	20	PASS
			NV	10	-40000.00	-5.835157	20	PASS
			NV	0	-40000.00	-5.835157	20	PASS
			NV	60	-20000.00	-2.917578	20	PASS
			NV	0	-40000.00	-5.818182	20	PASS
			NV	70	-40000.00	-5.818182	20	PASS
			NV	60	-40000.00	-5.818182	20	PASS
	Ant-1	6875	NV	50	-40000.00	-5.818182	20	PASS
			NV	40	-40000.00	-5.818182	20	PASS
			NV	30	-40000.00	-5.818182	20	PASS
			NV	20	-40000.00	-5.818182	20	PASS
			NV	10	-40000.00	-5.818182	20	PASS
			NV	70	-20000.00	-2.909091	20	PASS
			NV	0	-40000.00	-5.818182	20	PASS
			NV	20	-40000.00	-5.818182	20	PASS
	Ant-3	6875	NV	30	-40000.00	-5.818182	20	PASS
			NV	40	-40000.00	-5.818182	20	PASS
			NV	10	-40000.00	-5.818182	20	PASS
			NV	50	-40000.00	-5.818182	20	PASS
			NV	60	-40000.00	-5.818182	20	PASS
			NV	10	-20000.00	-2.900653	20	PASS
			NV	60	-40000.00	-5.801305	20	PASS
			NV	20	-40000.00	-5.801305	20	PASS
			NV	0	-20000.00	-2.900653	20	PASS
	Ant-1	6895	NV	30	-20000.00	-2.900653	20	PASS
			NV	40	-40000.00	-5.801305	20	PASS
			NV	50	-20000.00	-2.900653	20	PASS
			NV	70	-40000.00	-5.801305	20	PASS
			NV	20	-40000.00	-5.801305	20	PASS
			NV	70	-40000.00	-5.801305	20	PASS
			NV	60	-40000.00	-5.801305	20	PASS
			NV	40	-40000.00	-5.801305	20	PASS
			NV	0	-40000.00	-5.801305	20	PASS
			NV	10	-40000.00	-5.801305	20	PASS
			NV	50	-40000.00	-5.801305	20	PASS
			NV	30	-40000.00	-5.801305	20	PASS
			NV	70	-40000.00	-5.718370	20	PASS
			NV	10	-40000.00	-5.718370	20	PASS
			NV	20	-40000.00	-5.718370	20	PASS
			NV	30	-40000.00	-5.718370	20	PASS
	Ant-1	6995	NV	40	-40000.00	-5.718370	20	PASS
			NV	50	-40000.00	-5.718370	20	PASS
			NV	0	-40000.00	-5.718370	20	PASS
			NV	60	-40000.00	-5.718370	20	PASS
			NV	10	-20000.00	-2.859185	20	PASS
	Ant-3	6995	NV	20	-20000.00	-2.859185	20	PASS

			NV	40	-40000.00	-5.718370	20	PASS	
			NV	50	-40000.00	-5.718370	20	PASS	
			NV	60	-20000.00	-2.859185	20	PASS	
			NV	70	-20000.00	-2.859185	20	PASS	
			NV	0	-40000.00	-5.718370	20	PASS	
			NV	30	-20000.00	-2.859185	20	PASS	
	Ant-1	7095	NV	10	-40000.00	-5.637773	20	PASS	
			NV	70	-40000.00	-5.637773	20	PASS	
			NV	60	-40000.00	-5.637773	20	PASS	
			NV	50	-40000.00	-5.637773	20	PASS	
			NV	40	-40000.00	-5.637773	20	PASS	
			NV	20	-40000.00	-5.637773	20	PASS	
	Ant-3	7095	NV	0	-40000.00	-5.637773	20	PASS	
			NV	30	-40000.00	-5.637773	20	PASS	
			NV	70	-40000.00	-5.637773	20	PASS	
			NV	60	-40000.00	-5.637773	20	PASS	
			NV	50	-40000.00	-5.637773	20	PASS	
			NV	40	-40000.00	-5.637773	20	PASS	
	Ant-1	7115	NV	30	-40000.00	-5.637773	20	PASS	
			NV	20	-40000.00	-5.637773	20	PASS	
			NV	10	-40000.00	-5.637773	20	PASS	
			NV	0	-40000.00	-5.637773	20	PASS	
			NV	50	-40000.00	-5.621926	20	PASS	
			NV	10	-40000.00	-5.621926	20	PASS	
	Ant-3	7115	NV	40	-40000.00	-5.621926	20	PASS	
			NV	60	-40000.00	-5.621926	20	PASS	
			NV	20	-40000.00	-5.621926	20	PASS	
			NV	70	-40000.00	-5.621926	20	PASS	
			NV	0	-40000.00	-5.621926	20	PASS	
			NV	30	-40000.00	-5.621926	20	PASS	
	11AX40MIM O	Ant-1	5965	NV	40	0.00	0.000000	20	PASS
				NV	70	-40000.00	-6.705784	20	PASS
				NV	50	-40000.00	-6.705784	20	PASS
				NV	20	-40000.00	-6.705784	20	PASS
				NV	10	-40000.00	-6.705784	20	PASS
				NV	0	-40000.00	-6.705784	20	PASS
		Ant-3	5965	NV	30	-40000.00	-6.705784	20	PASS
				NV	60	-40000.00	-6.705784	20	PASS
				NV	30	-80000.00	-13.411567	20	PASS
				NV	60	-80000.00	-13.411567	20	PASS
				NV	40	-80000.00	-13.411567	20	PASS
				NV	70	-80000.00	-13.411567	20	PASS
Ant-1	6165	NV	20	-40000.00	-6.705784	20	PASS		
		NV	10	-80000.00	-13.411567	20	PASS		
		NV	0	-80000.00	-13.411567	20	PASS		
		NV	50	-40000.00	-6.705784	20	PASS		
		NV	40	0.00	0.000000	20	PASS		
		NV	60	-40000.00	-6.488240	20	PASS		
Ant-3	6165	NV	50	-40000.00	-6.488240	20	PASS		
		NV	30	-40000.00	-6.488240	20	PASS		
		NV	20	-40000.00	-6.488240	20	PASS		
		NV	0	-40000.00	-6.488240	20	PASS		
			NV	70	0.00	0.000000	20	PASS	
			NV	10	0.00	0.000000	20	PASS	
			NV	50	-80000.00	-12.976480	20	PASS	
			NV	70	-80000.00	-12.976480	20	PASS	

		NV	60	-40000.00	-6.488240	20	PASS
		NV	30	-40000.00	-6.488240	20	PASS
		NV	20	-80000.00	-12.976480	20	PASS
		NV	0	-40000.00	-6.488240	20	PASS
		NV	10	-40000.00	-6.488240	20	PASS
		NV	40	-40000.00	-6.488240	20	PASS
Ant-1	6405	NV	30	-40000.00	-6.245121	20	PASS
		NV	70	-40000.00	-6.245121	20	PASS
		NV	60	-40000.00	-6.245121	20	PASS
		NV	40	-40000.00	-6.245121	20	PASS
		NV	20	-40000.00	-6.245121	20	PASS
		NV	10	-40000.00	-6.245121	20	PASS
		NV	0	-40000.00	-6.245121	20	PASS
		NV	50	-40000.00	-6.245121	20	PASS
Ant-3	6405	NV	50	40000.00	6.245121	20	PASS
		NV	70	80000.00	12.490242	20	PASS
		NV	60	80000.00	12.490242	20	PASS
		NV	30	80000.00	12.490242	20	PASS
		NV	20	120000.00	18.735363	20	PASS
		NV	10	0.00	0.000000	20	PASS
		NV	0	-40000.00	-6.245121	20	PASS
		NV	40	-40000.00	-6.245121	20	PASS
Ant-1	6445	NV	30	-40000.00	-6.206362	20	PASS
		NV	0	-40000.00	-6.206362	20	PASS
		NV	60	0.00	0.000000	20	PASS
		NV	40	0.00	0.000000	20	PASS
		NV	70	-40000.00	-6.206362	20	PASS
		NV	20	-40000.00	-6.206362	20	PASS
		NV	10	-40000.00	-6.206362	20	PASS
		NV	50	-40000.00	-6.206362	20	PASS
Ant-3	6445	NV	50	0.00	0.000000	20	PASS
		NV	70	0.00	0.000000	20	PASS
		NV	60	-40000.00	-6.206362	20	PASS
		NV	40	-40000.00	-6.206362	20	PASS
		NV	30	-40000.00	-6.206362	20	PASS
		NV	20	-40000.00	-6.206362	20	PASS
		NV	0	-40000.00	-6.206362	20	PASS
		NV	10	0.00	0.000000	20	PASS
Ant-1	6485	NV	70	-40000.00	-6.168080	20	PASS
		NV	60	-40000.00	-6.168080	20	PASS
		NV	20	-40000.00	-6.168080	20	PASS
		NV	50	-40000.00	-6.168080	20	PASS
		NV	10	-40000.00	-6.168080	20	PASS
		NV	0	-40000.00	-6.168080	20	PASS
		NV	40	-40000.00	-6.168080	20	PASS
		NV	30	-40000.00	-6.168080	20	PASS
Ant-3	6485	NV	60	-40000.00	-6.168080	20	PASS
		NV	70	-40000.00	-6.168080	20	PASS
		NV	50	-80000.00	-12.336160	20	PASS
		NV	40	-40000.00	-6.168080	20	PASS
		NV	30	-80000.00	-12.336160	20	PASS
		NV	20	-40000.00	-6.168080	20	PASS
		NV	10	-40000.00	-6.168080	20	PASS
		NV	0	-40000.00	-6.168080	20	PASS
Ant-1	6525	NV	0	-40000.00	-6.130268	20	PASS
		NV	10	-40000.00	-6.130268	20	PASS
		NV	20	0.00	0.000000	20	PASS
		NV	30	-40000.00	-6.130268	20	PASS
		NV	40	-40000.00	-6.130268	20	PASS
		NV	50	-40000.00	-6.130268	20	PASS
		NV	60	-40000.00	-6.130268	20	PASS
		NV	70	-40000.00	-6.130268	20	PASS
Ant-3	6525	NV	70	0.00	0.000000	20	PASS
		NV	10	0.00	0.000000	20	PASS

		NV	20	0.00	0.000000	20	PASS
		NV	30	0.00	0.000000	20	PASS
		NV	40	-40000.00	-6.130268	20	PASS
		NV	50	0.00	0.000000	20	PASS
		NV	60	0.00	0.000000	20	PASS
		NV	0	-40000.00	-6.130268	20	PASS
Ant-1	6565	NV	20	0.00	0.000000	20	PASS
		NV	0	-40000.00	-6.092917	20	PASS
		NV	70	-40000.00	-6.092917	20	PASS
		NV	60	-40000.00	-6.092917	20	PASS
		NV	50	0.00	0.000000	20	PASS
		NV	30	0.00	0.000000	20	PASS
		NV	10	0.00	0.000000	20	PASS
		NV	40	-40000.00	-6.092917	20	PASS
		NV	50	-40000.00	-6.092917	20	PASS
Ant-3	6565	NV	20	-120000.00	-18.278751	20	PASS
		NV	70	-80000.00	-12.185834	20	PASS
		NV	60	-80000.00	-12.185834	20	PASS
		NV	30	-40000.00	-6.092917	20	PASS
		NV	10	-40000.00	-6.092917	20	PASS
		NV	0	-40000.00	-6.092917	20	PASS
		NV	40	-40000.00	-6.092917	20	PASS
Ant-1	6685	NV	0	-40000.00	-5.983545	20	PASS
		NV	10	-40000.00	-5.983545	20	PASS
		NV	20	-40000.00	-5.983545	20	PASS
		NV	30	-40000.00	-5.983545	20	PASS
		NV	40	-40000.00	-5.983545	20	PASS
		NV	50	-40000.00	-5.983545	20	PASS
		NV	60	-40000.00	-5.983545	20	PASS
		NV	70	-40000.00	-5.983545	20	PASS
Ant-3	6685	NV	50	-80000.00	-11.967091	20	PASS
		NV	60	-80000.00	-11.967091	20	PASS
		NV	70	-40000.00	-5.983545	20	PASS
		NV	30	-80000.00	-11.967091	20	PASS
		NV	0	-80000.00	-11.967091	20	PASS
		NV	20	-40000.00	-5.983545	20	PASS
		NV	10	-40000.00	-5.983545	20	PASS
		NV	40	40000.00	5.983545	20	PASS
Ant-1	6845	NV	30	-40000.00	-5.843682	20	PASS
		NV	0	-40000.00	-5.843682	20	PASS
		NV	60	-40000.00	-5.843682	20	PASS
		NV	40	-40000.00	-5.843682	20	PASS
		NV	70	-40000.00	-5.843682	20	PASS
		NV	20	-40000.00	-5.843682	20	PASS
		NV	10	-40000.00	-5.843682	20	PASS
		NV	50	-40000.00	-5.843682	20	PASS
Ant-3	6845	NV	40	-40000.00	-5.843682	20	PASS
		NV	60	-40000.00	-5.843682	20	PASS
		NV	50	-40000.00	-5.843682	20	PASS
		NV	30	-40000.00	-5.843682	20	PASS
		NV	20	0.00	0.000000	20	PASS
		NV	0	-40000.00	-5.843682	20	PASS
		NV	70	-40000.00	-5.843682	20	PASS
		NV	10	-40000.00	-5.843682	20	PASS
Ant-1	6885	NV	50	-40000.00	-5.809731	20	PASS
		NV	70	-40000.00	-5.809731	20	PASS
		NV	60	-40000.00	-5.809731	20	PASS
		NV	30	-40000.00	-5.809731	20	PASS
		NV	20	-40000.00	-5.809731	20	PASS
		NV	0	-40000.00	-5.809731	20	PASS
		NV	10	-40000.00	-5.809731	20	PASS
		NV	40	-40000.00	-5.809731	20	PASS
Ant-3	6885	NV	30	-40000.00	-5.809731	20	PASS
		NV	70	-40000.00	-5.809731	20	PASS

11AX80MIM O			NV	60	-80000.00	-11.619463	20	PASS
			NV	40	-80000.00	-11.619463	20	PASS
			NV	20	-40000.00	-5.809731	20	PASS
			NV	10	-40000.00	-5.809731	20	PASS
			NV	0	-40000.00	-5.809731	20	PASS
			NV	50	-40000.00	-5.809731	20	PASS
	Ant-1	6925	NV	20	-40000.00	-5.776173	20	PASS
			NV	70	-40000.00	-5.776173	20	PASS
			NV	60	-40000.00	-5.776173	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	0	-40000.00	-5.776173	20	PASS
			NV	10	-40000.00	-5.776173	20	PASS
	Ant-3	6925	NV	30	-40000.00	-5.776173	20	PASS
			NV	40	-40000.00	-5.776173	20	PASS
			NV	70	0.00	0.000000	20	PASS
			NV	0	-40000.00	-5.776173	20	PASS
			NV	10	-40000.00	-5.776173	20	PASS
			NV	20	-40000.00	-5.776173	20	PASS
	Ant-1	6965	NV	30	-40000.00	-5.776173	20	PASS
			NV	40	-40000.00	-5.776173	20	PASS
			NV	50	-40000.00	-5.776173	20	PASS
			NV	60	-40000.00	-5.776173	20	PASS
			NV	60	-40000.00	-5.743001	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant-3	6965	NV	40	-80000.00	-11.486001	20	PASS
			NV	30	-80000.00	-11.486001	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	-40000.00	-5.743001	20	PASS
			NV	70	-40000.00	-5.743001	20	PASS
			NV	10	-40000.00	-5.743001	20	PASS
	Ant-1	7085	NV	50	-80000.00	-11.486001	20	PASS
			NV	70	-40000.00	-5.743001	20	PASS
			NV	60	-40000.00	-5.743001	20	PASS
			NV	30	-40000.00	-5.743001	20	PASS
			NV	20	-120000.00	-17.229002	20	PASS
			NV	0	-40000.00	-5.743001	20	PASS
	Ant-3	7085	NV	10	-40000.00	-5.743001	20	PASS
			NV	40	-120000.00	-17.229002	20	PASS
			NV	30	-40000.00	-5.645730	20	PASS
			NV	70	-40000.00	-5.645730	20	PASS
			NV	60	-40000.00	-5.645730	20	PASS
			NV	40	-40000.00	-5.645730	20	PASS
Ant-1	7085	NV	20	-40000.00	-5.645730	20	PASS	
		NV	10	-40000.00	-5.645730	20	PASS	
		NV	0	-40000.00	-5.645730	20	PASS	
		NV	50	-40000.00	-5.645730	20	PASS	
		NV	70	-40000.00	-5.645730	20	PASS	
		NV	50	-40000.00	-5.645730	20	PASS	
Ant-3	7085	NV	60	-40000.00	-5.645730	20	PASS	
		NV	30	-40000.00	-5.645730	20	PASS	
		NV	20	-40000.00	-5.645730	20	PASS	
		NV	0	-40000.00	-5.645730	20	PASS	
		NV	10	-40000.00	-5.645730	20	PASS	
		NV	40	-80000.00	-11.291461	20	PASS	
Ant-1	5985	NV	30	0.00	0.000000	20	PASS	
		NV	70	-80000.00	-13.366750	20	PASS	
		NV	60	0.00	0.000000	20	PASS	
		NV	40	-80000.00	-13.366750	20	PASS	
		NV	20	-80000.00	-13.366750	20	PASS	
		NV	10	0.00	0.000000	20	PASS	
Ant-3	5985	NV	0	-80000.00	-13.366750	20	PASS	
		NV	50	0.00	0.000000	20	PASS	
Ant-3	5985	NV	30	-80000.00	-13.366750	20	PASS	
		NV	70	-80000.00	-13.366750	20	PASS	

		NV	60	-80000.00	-13.366750	20	PASS
		NV	20	-80000.00	-13.366750	20	PASS
		NV	10	-80000.00	-13.366750	20	PASS
		NV	0	-80000.00	-13.366750	20	PASS
		NV	50	-80000.00	-13.366750	20	PASS
		NV	40	0.00	0.000000	20	PASS
Ant-1	6145	NV	30	0.00	0.000000	20	PASS
		NV	70	0.00	0.000000	20	PASS
		NV	60	-80000.00	-13.018714	20	PASS
		NV	40	-80000.00	-13.018714	20	PASS
		NV	20	0.00	0.000000	20	PASS
		NV	10	0.00	0.000000	20	PASS
		NV	0	0.00	0.000000	20	PASS
		NV	50	0.00	0.000000	20	PASS
		NV	70	0.00	0.000000	20	PASS
Ant-3	6145	NV	40	0.00	0.000000	20	PASS
		NV	50	0.00	0.000000	20	PASS
		NV	20	0.00	0.000000	20	PASS
		NV	10	-80000.00	-13.018714	20	PASS
		NV	0	-80000.00	-13.018714	20	PASS
		NV	60	80000.00	13.018714	20	PASS
		NV	30	0.00	0.000000	20	PASS
Ant-1	6385	NV	30	-80000.00	-12.529366	20	PASS
		NV	60	-80000.00	-12.529366	20	PASS
		NV	40	-80000.00	-12.529366	20	PASS
		NV	70	-80000.00	-12.529366	20	PASS
		NV	20	-160000.00	-12.529366	20	PASS
		NV	10	0.00	0.000000	20	PASS
		NV	0	-80000.00	-12.529366	20	PASS
		NV	50	-160000.00	-12.529366	20	PASS
Ant-3	6385	NV	40	-80000.00	-12.529366	20	PASS
		NV	60	0.00	0.000000	20	PASS
		NV	50	-80000.00	-12.529366	20	PASS
		NV	30	0.00	0.000000	20	PASS
		NV	20	0.00	0.000000	20	PASS
		NV	0	-80000.00	-12.529366	20	PASS
		NV	70	0.00	0.000000	20	PASS
		NV	10	-80000.00	-12.529366	20	PASS
Ant-1	6465	NV	50	0.00	0.000000	20	PASS
		NV	70	0.00	0.000000	20	PASS
		NV	60	-80000.00	-12.374323	20	PASS
		NV	30	0.00	0.000000	20	PASS
		NV	20	0.00	0.000000	20	PASS
		NV	0	-80000.00	-12.374323	20	PASS
		NV	10	-80000.00	-12.374323	20	PASS
		NV	40	-80000.00	-12.374323	20	PASS
Ant-3	6465	NV	30	0.00	0.000000	20	PASS
		NV	70	0.00	0.000000	20	PASS
		NV	60	0.00	0.000000	20	PASS
		NV	40	0.00	0.000000	20	PASS
		NV	20	-80000.00	-12.374323	20	PASS
		NV	10	-80000.00	-12.374323	20	PASS
		NV	0	-80000.00	-12.374323	20	PASS
		NV	50	-80000.00	-12.374323	20	PASS
Ant-1	6545	NV	50	0.00	0.000000	20	PASS
		NV	70	-80000.00	-12.223071	20	PASS
		NV	60	-80000.00	-12.223071	20	PASS
		NV	30	-80000.00	-12.223071	20	PASS
		NV	20	0.00	0.000000	20	PASS
		NV	0	0.00	0.000000	20	PASS
		NV	10	0.00	0.000000	20	PASS
		NV	40	-80000.00	-12.223071	20	PASS
Ant-3	6545	NV	30	-80000.00	-12.223071	20	PASS
		NV	70	0.00	0.000000	20	PASS

			NV	60	-80000.00	-12.223071	20	PASS
			NV	40	-80000.00	-12.223071	20	PASS
			NV	20	-80000.00	-12.223071	20	PASS
			NV	10	-80000.00	-12.223071	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	50	-80000.00	-12.223071	20	PASS
Ant-1	6625		NV	30	0.00	0.000000	20	PASS
			NV	70	-80000.00	-12.075472	20	PASS
			NV	60	-80000.00	-12.075472	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
Ant-3	6625		NV	70	-80000.00	-12.075472	20	PASS
			NV	60	-80000.00	-12.075472	20	PASS
			NV	40	-80000.00	-12.075472	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	50	-80000.00	-12.075472	20	PASS
Ant-1	6705		NV	40	0.00	0.000000	20	PASS
			NV	60	-80000.00	-11.931394	20	PASS
			NV	50	-80000.00	-11.931394	20	PASS
			NV	20	80000.00	11.931394	20	PASS
			NV	10	80000.00	11.931394	20	PASS
			NV	0	80000.00	11.931394	20	PASS
			NV	70	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
Ant-3	6705		NV	30	-80000.00	-11.931394	20	PASS
			NV	60	-80000.00	-11.931394	20	PASS
			NV	40	-80000.00	-11.931394	20	PASS
			NV	70	-80000.00	-11.931394	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	10	-80000.00	-11.931394	20	PASS
			NV	0	-80000.00	-11.931394	20	PASS
			NV	50	-80000.00	-11.931394	20	PASS
Ant-1	6785		NV	40	80000.00	11.790715	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	50	80000.00	11.790715	20	PASS
			NV	30	80000.00	11.790715	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	80000.00	11.790715	20	PASS
			NV	70	80000.00	11.790715	20	PASS
			NV	10	0.00	0.000000	20	PASS
Ant-3	6785		NV	50	-80000.00	-11.790715	20	PASS
			NV	70	-80000.00	-11.790715	20	PASS
			NV	60	-80000.00	-11.790715	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	-80000.00	-11.790715	20	PASS
			NV	10	-80000.00	-11.790715	20	PASS
			NV	40	-80000.00	-11.790715	20	PASS
Ant-1	6865		NV	30	-80000.00	-11.653314	20	PASS
			NV	70	0.00	0.000000	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	-80000.00	-11.653314	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-11.653314	20	PASS
			NV	50	-80000.00	-11.653314	20	PASS
Ant-3	6865		NV	70	-80000.00	-11.653314	20	PASS
			NV	50	-80000.00	-11.653314	20	PASS

			NV	60	-80000.00	-11.653314	20	PASS
			NV	10	-80000.00	-11.653314	20	PASS
			NV	20	-80000.00	-11.653314	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	30	-80000.00	-11.653314	20	PASS
			NV	40	-80000.00	-11.653314	20	PASS
	Ant-1	6945	NV	0	-80000.00	-11.519078	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-80000.00	-11.519078	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	70	-80000.00	-11.519078	20	PASS
	Ant-3	6945	NV	60	0.00	0.000000	20	PASS
			NV	70	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	30	-80000.00	-11.519078	20	PASS
			NV	20	-80000.00	-11.519078	20	PASS
			NV	10	80000.00	11.519078	20	PASS
			NV	0	80000.00	11.519078	20	PASS
			NV	40	-80000.00	-11.519078	20	PASS
	Ant-1	7025	NV	50	0.00	0.000000	20	PASS
			NV	0	-80000.00	-11.387900	20	PASS
			NV	60	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	70	0.00	0.000000	20	PASS
	Ant-3	7025	NV	0	-80000.00	-11.387900	20	PASS
			NV	10	-80000.00	-11.387900	20	PASS
			NV	20	-80000.00	-11.387900	20	PASS
			NV	30	-80000.00	-11.387900	20	PASS
			NV	40	-80000.00	-11.387900	20	PASS
			NV	50	-80000.00	-11.387900	20	PASS
			NV	60	-80000.00	-11.387900	20	PASS
			NV	70	-80000.00	-11.387900	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

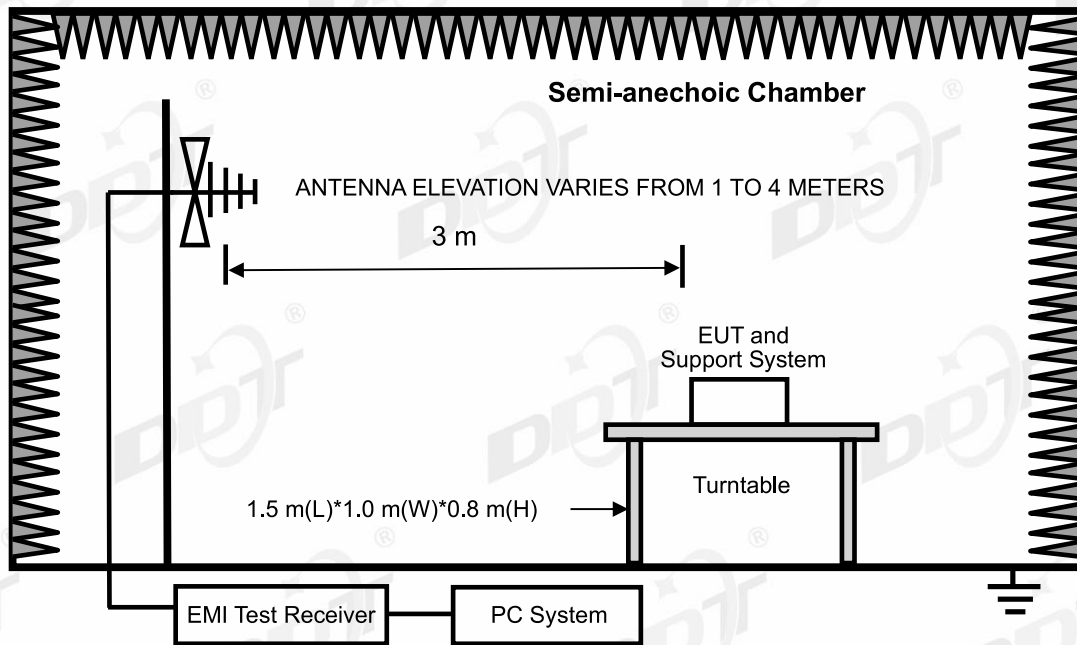
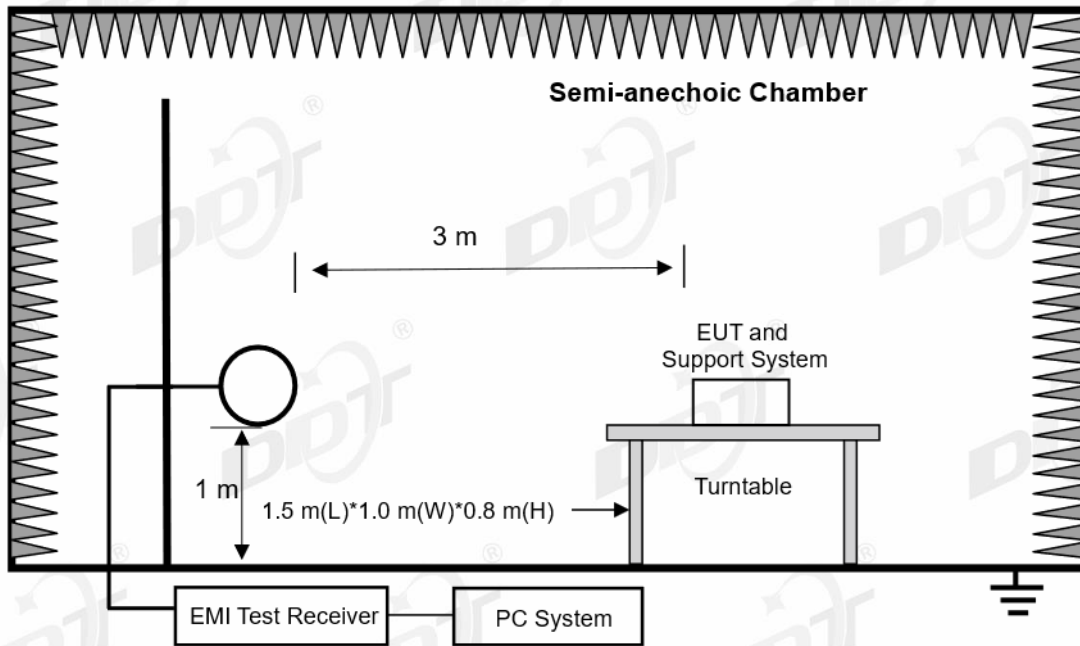
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

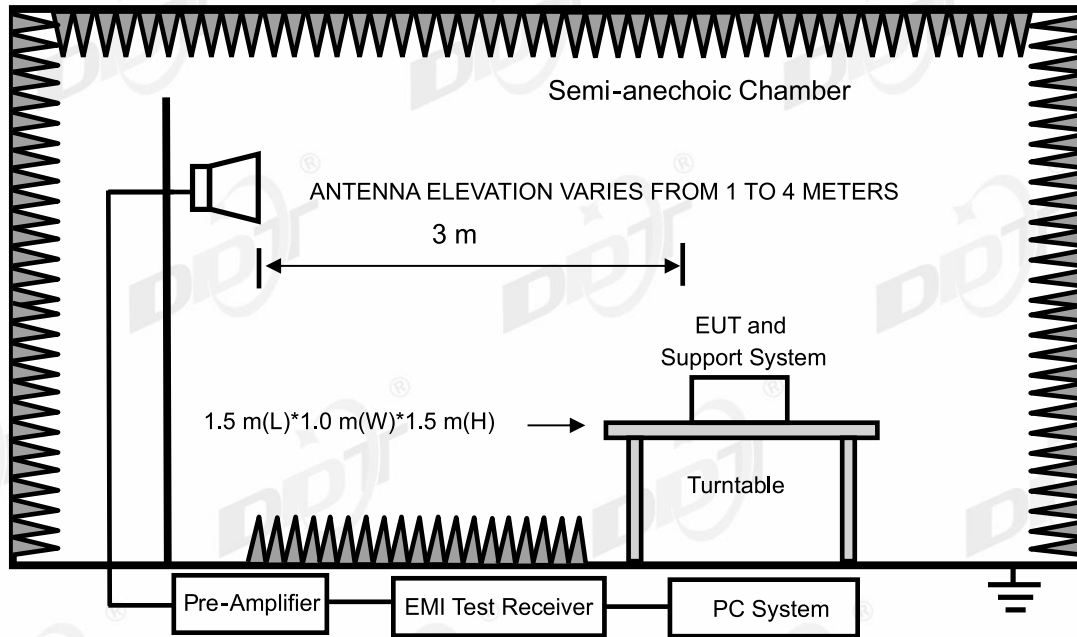
13.Radiated Emission

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/07/08
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/18
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/

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	
		$\mu\text{V}/\text{m}$	$\text{dB}\mu\text{V}/\text{m}$
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 $\text{dB}\mu\text{V}/\text{m}$ (Peak) 54.0 $\text{dB}\mu\text{V}/\text{m}$ (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:

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

(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
Desktop	Lenovo	90M2A09UCD	/	/

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 C63.10:2013 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 through 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 C63.10:2013 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 C63.10:2013 clause 4.1.4.2.2 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.

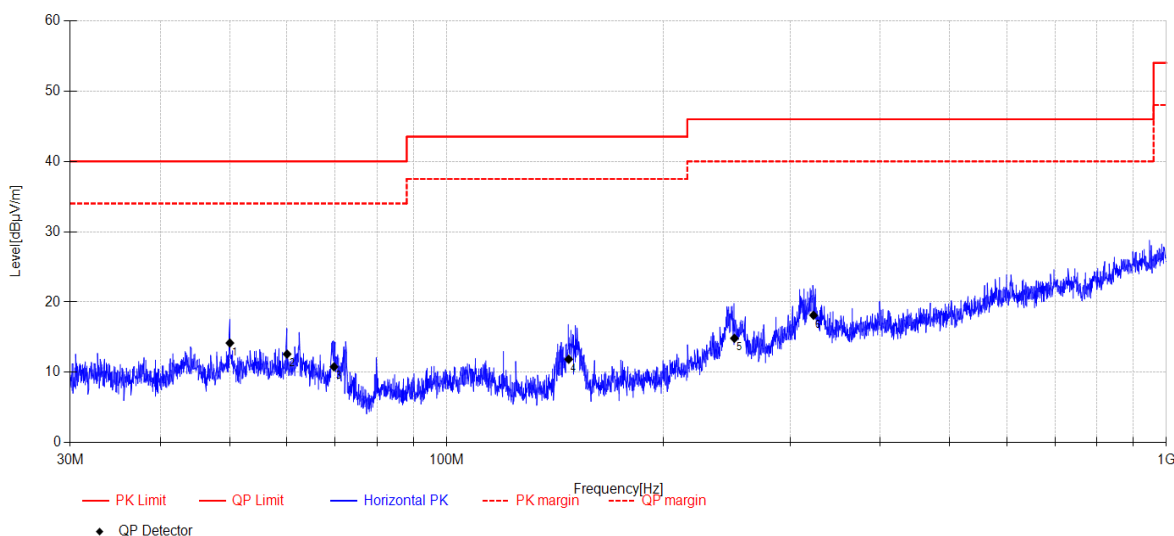
13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-07-20 **Tested By:** Genliu
EUT: WIFI+BT Module **Model Number:** WXT2HM2001
Test Mode: 6G WIFI TX Mode **Power Supply:** DC 3.3V
Condition: Temp:24.5°C;Humi:47.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24052405\FCC BELOW 1G 0720\20240720-064711_H
Memo: Sample Number:S24052405-001 Power Setting:14



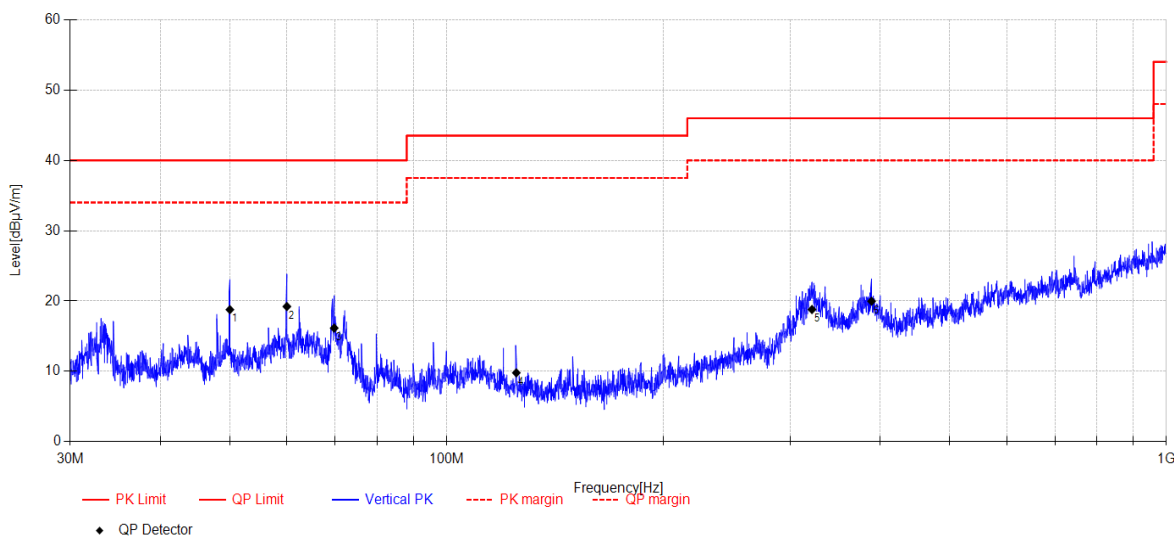
Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	49.981	28.01	12.99	3.88	-30.70	14.18	40.00	25.82	QP	Horizontal
2	60.019	26.48	12.79	3.96	-30.63	12.60	40.00	27.40	QP	Horizontal
3	69.735	27.36	9.99	4.02	-30.57	10.80	40.00	29.20	QP	Horizontal
4	147.771	29.33	8.82	4.48	-30.76	11.87	43.50	31.63	QP	Horizontal
5	251.074	28.59	11.72	4.99	-30.45	14.85	46.00	31.15	QP	Horizontal
6	323.393	29.4	13.66	5.31	-30.25	18.12	46.00	27.88	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: 2024-07-20 **Tested By:** Genliu
EUT: WIFI+BT Module **Model Number:** WXT2HM2001
Test Mode: 6G WIFI TX Mode **Power Supply:** DC 3.3V
Condition: Temp:24.5°C;Humi:47.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24052405\FCC BELOW 1G 0720\20240720-064732_V
Memo: Sample Number:S24052405-001 Power Setting:14



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	49.981	32.61	12.99	3.88	-30.70	18.78	40.00	21.22	QP	Vertical
2	59.977	33.11	12.79	3.96	-30.63	19.23	40.00	20.77	QP	Vertical
3	69.784	32.76	9.95	4.02	-30.57	16.16	40.00	23.84	QP	Vertical
4	124.971	27.37	8.91	4.35	-30.83	9.80	43.50	33.70	QP	Vertical
5	321.810	29.93	13.82	5.31	-30.26	18.80	46.00	27.20	QP	Vertical
6	389.428	28.78	15.74	5.58	-30.12	19.98	46.00	26.02	QP	Vertical

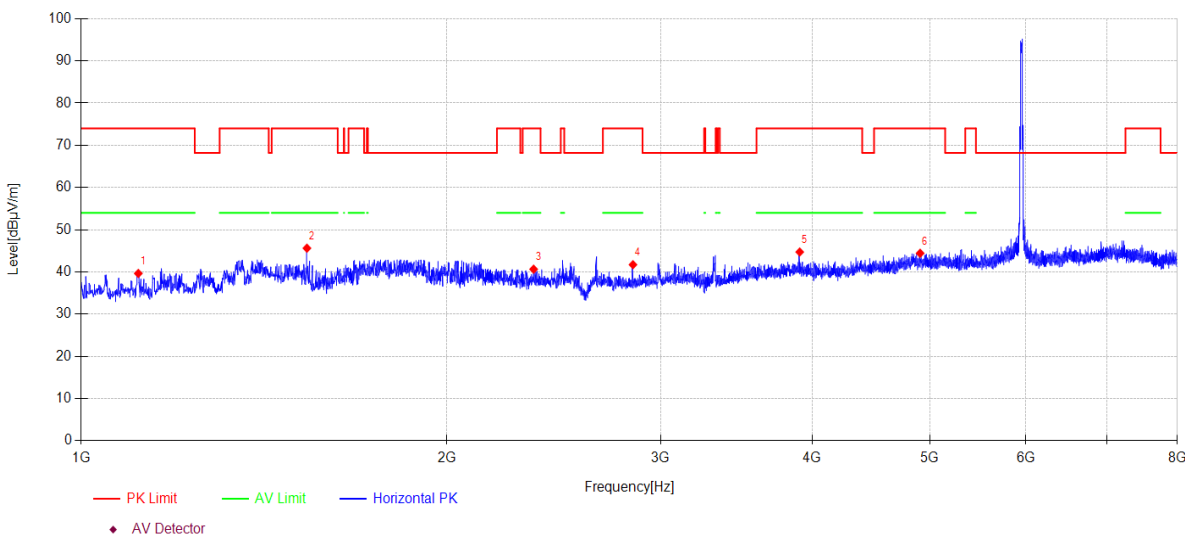
Note:

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: 2024-07-20 **Tested By:** Genliu
EUT: WIFI+BT Module **Model Number:** WXT2HM2001
Test Mode: AX20 MIMO 5955MHz **Power Supply:** DC 3.3V
Condition: Temp:24.5°C;Humi:47.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24052405\FCC AOBVE 6G1
Memo: Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1114.100	49.04	24.58	2.92	-36.89	39.65	74.00	34.35	PK	Horizontal
2	1534.100	54.17	25.02	3.39	-36.95	45.63	74.00	28.37	PK	Horizontal
3	2358.700	47.24	27.13	4.31	-38.03	40.65	74.00	33.35	PK	Horizontal
4	2848.000	48.51	27.78	4.84	-39.41	41.72	74.00	32.28	PK	Horizontal
5	3907.800	48.66	31.18	5.28	-40.39	44.73	74.00	29.27	PK	Horizontal
6	4910.900	45.12	33.02	6.39	-40.11	44.42	74.00	29.58	PK	Horizontal

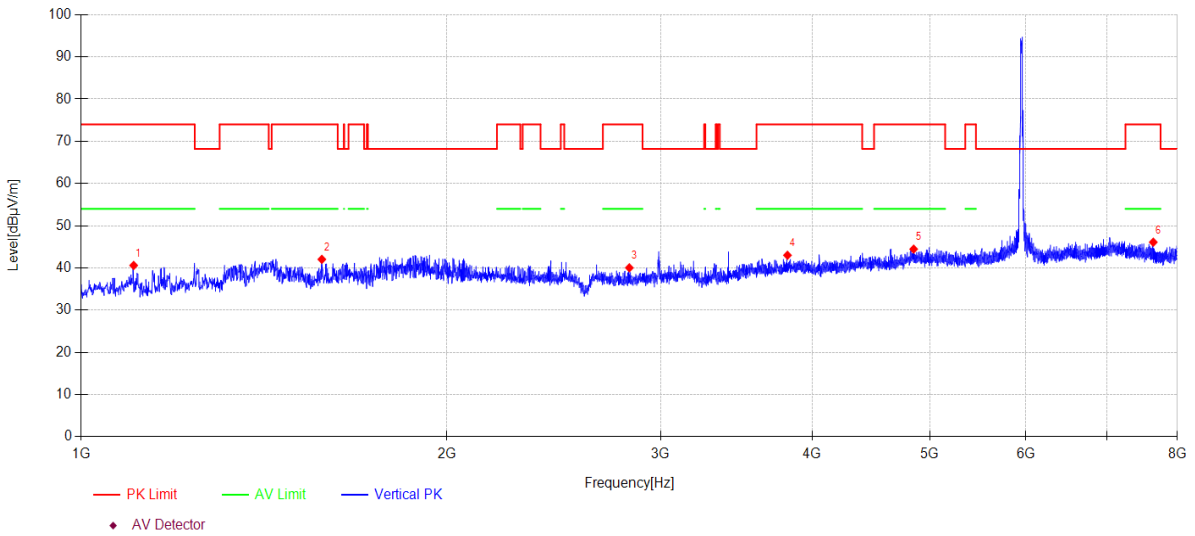
Note:

- 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: 2024-07-20 **Tested By:** Genliu
EUT: WIFI+BT Module **Model Number:** WXT2HM2001
Test Mode: AX20 MIMO 5955MHz **Power Supply:** DC 3.3V
Condition: Temp:24.5°C;Humi:47.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24052405\FCC AOBVE 6G\2
Memo: Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1104.300	50.04	24.53	2.91	-36.89	40.59	74.00	33.41	PK	Vertical
2	1578.200	50.30	25.25	3.44	-36.96	42.03	74.00	31.97	PK	Vertical
3	2828.400	46.94	27.63	4.81	-39.35	40.03	74.00	33.97	PK	Vertical
4	3818.200	47.32	30.77	5.25	-40.34	43.00	74.00	31.00	PK	Vertical
5	4850.700	44.49	33.79	6.32	-40.14	44.46	74.00	29.54	PK	Vertical
6	7643.000	44.18	36.59	7.64	-42.31	46.10	74.00	27.90	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.