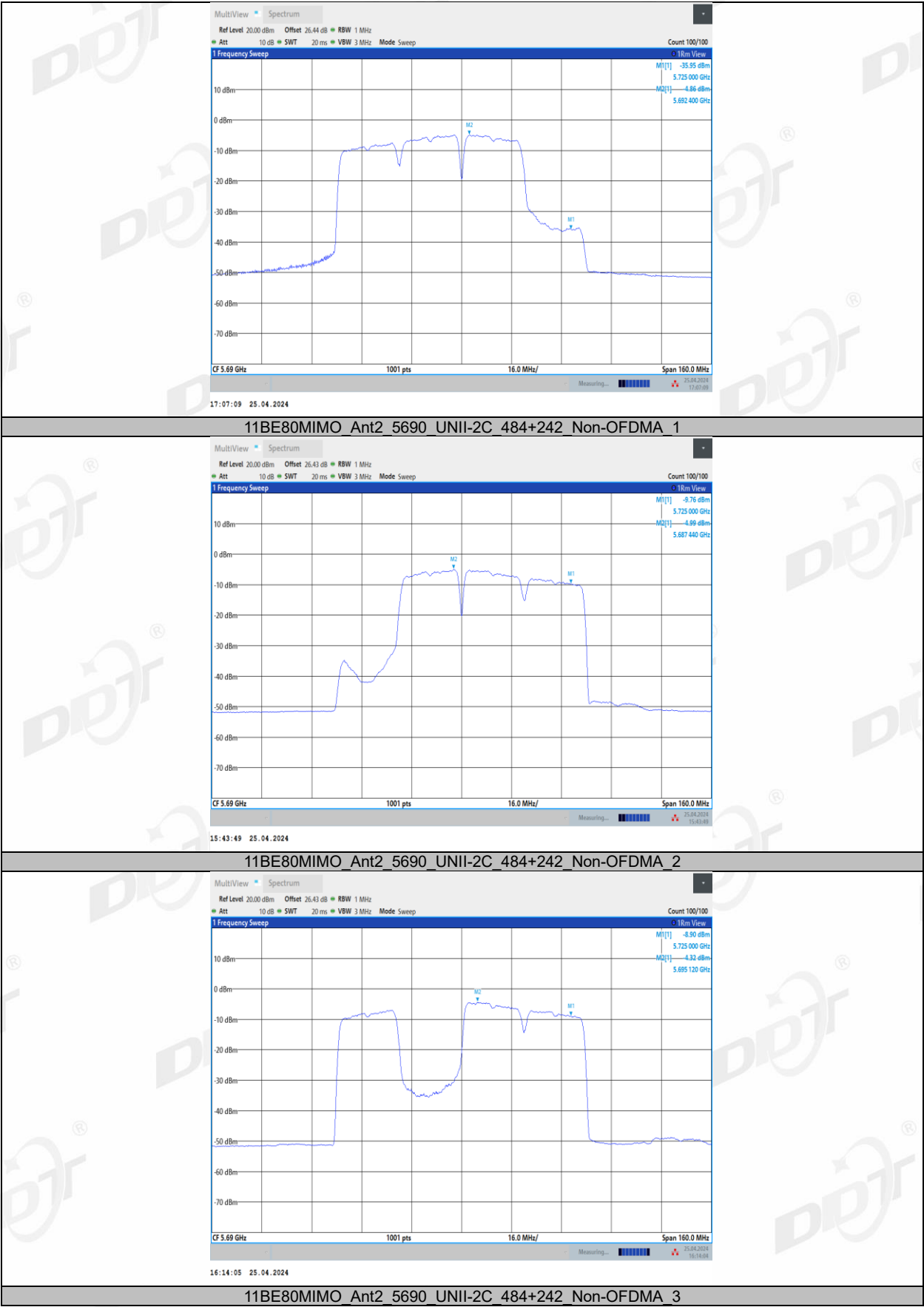
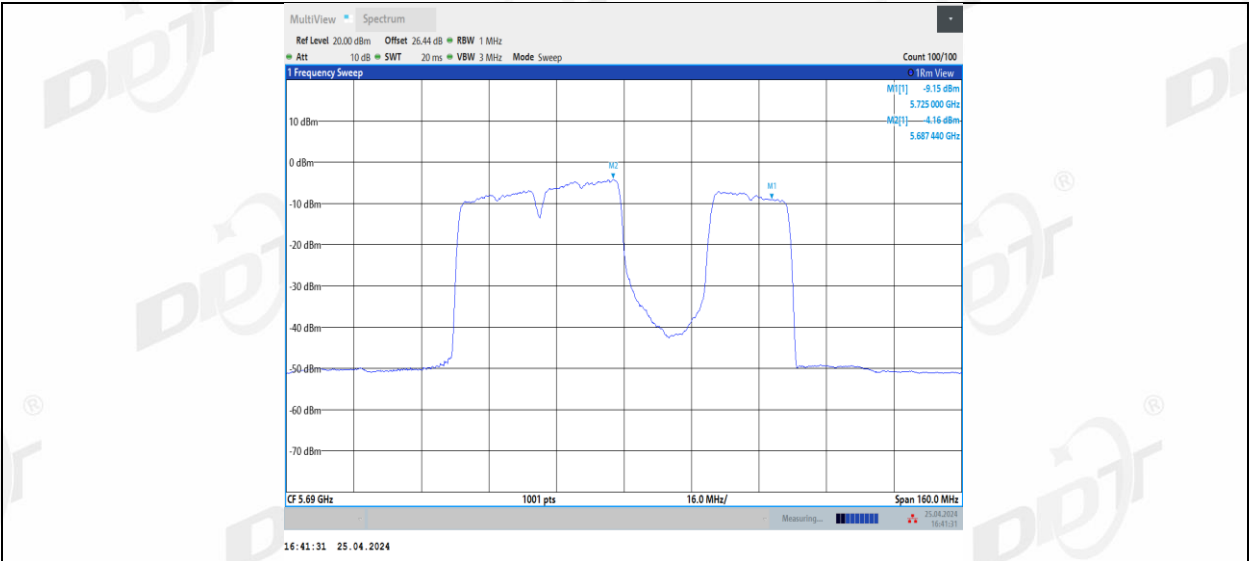


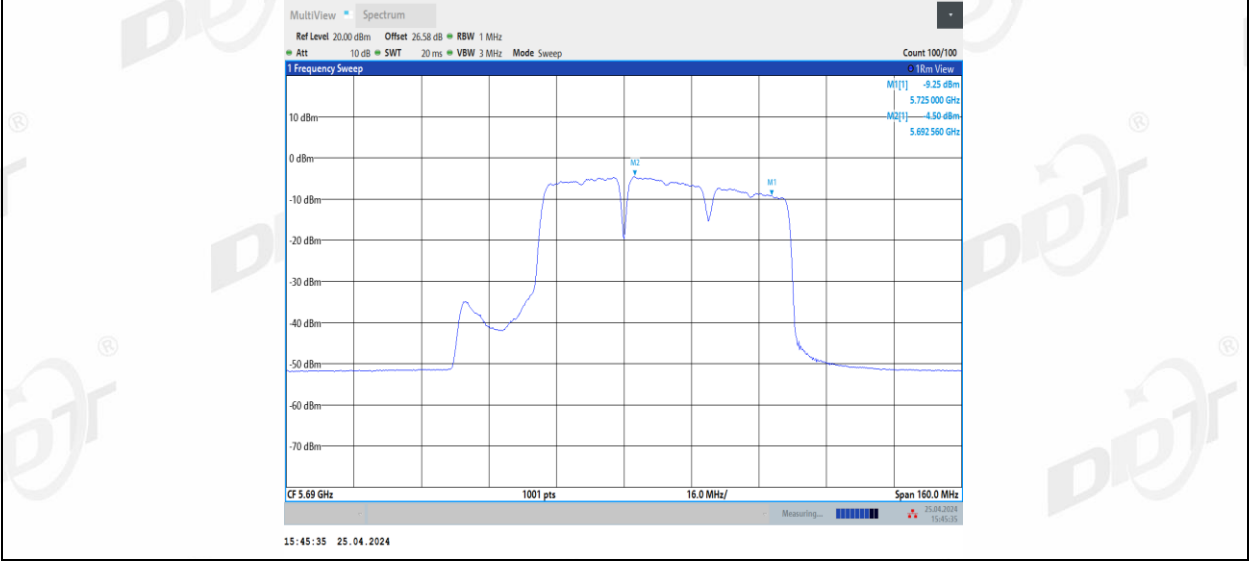




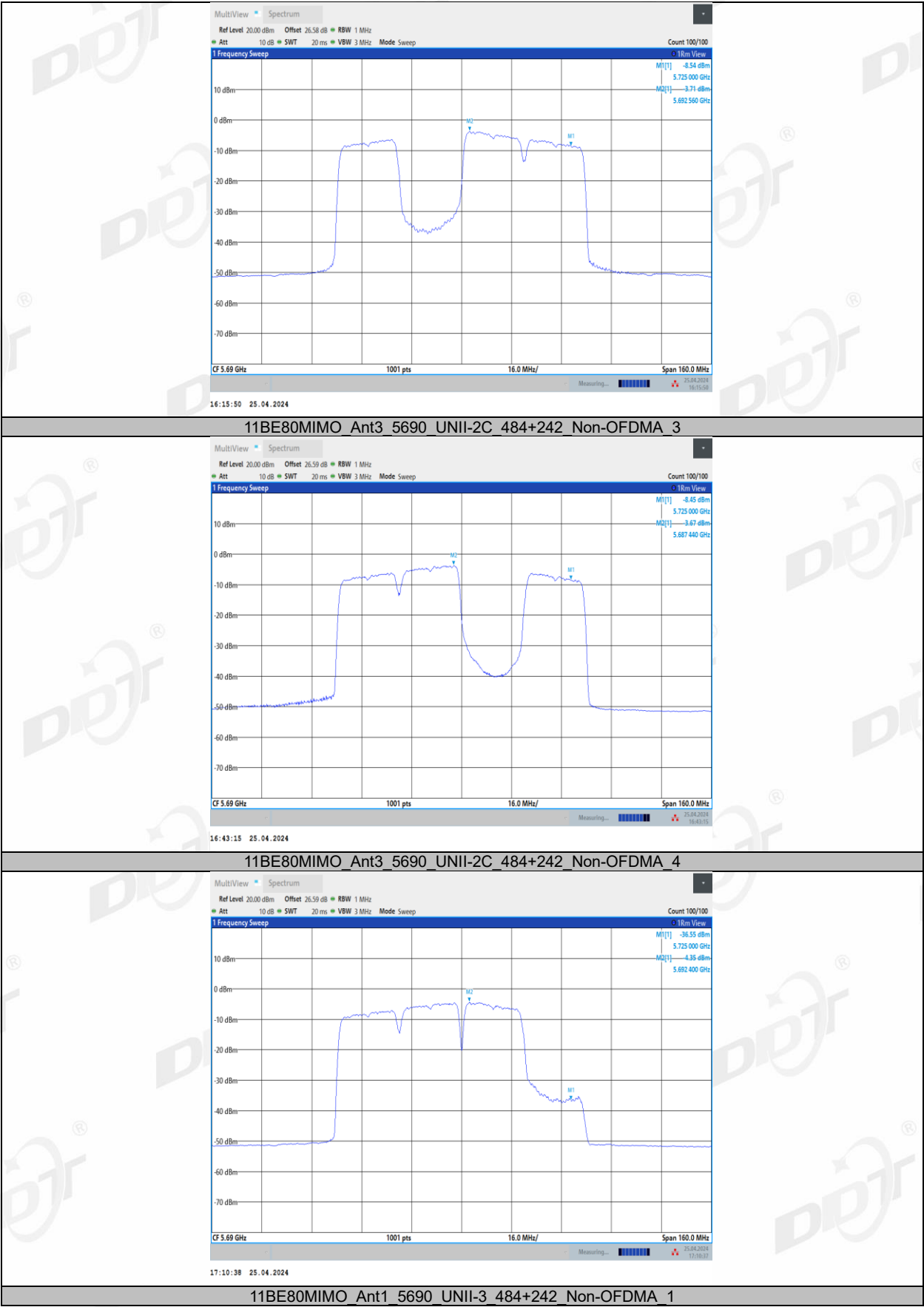
11BE80MIMO Ant2 5690 UNII-2C 484+242 Non-OFDMA 4

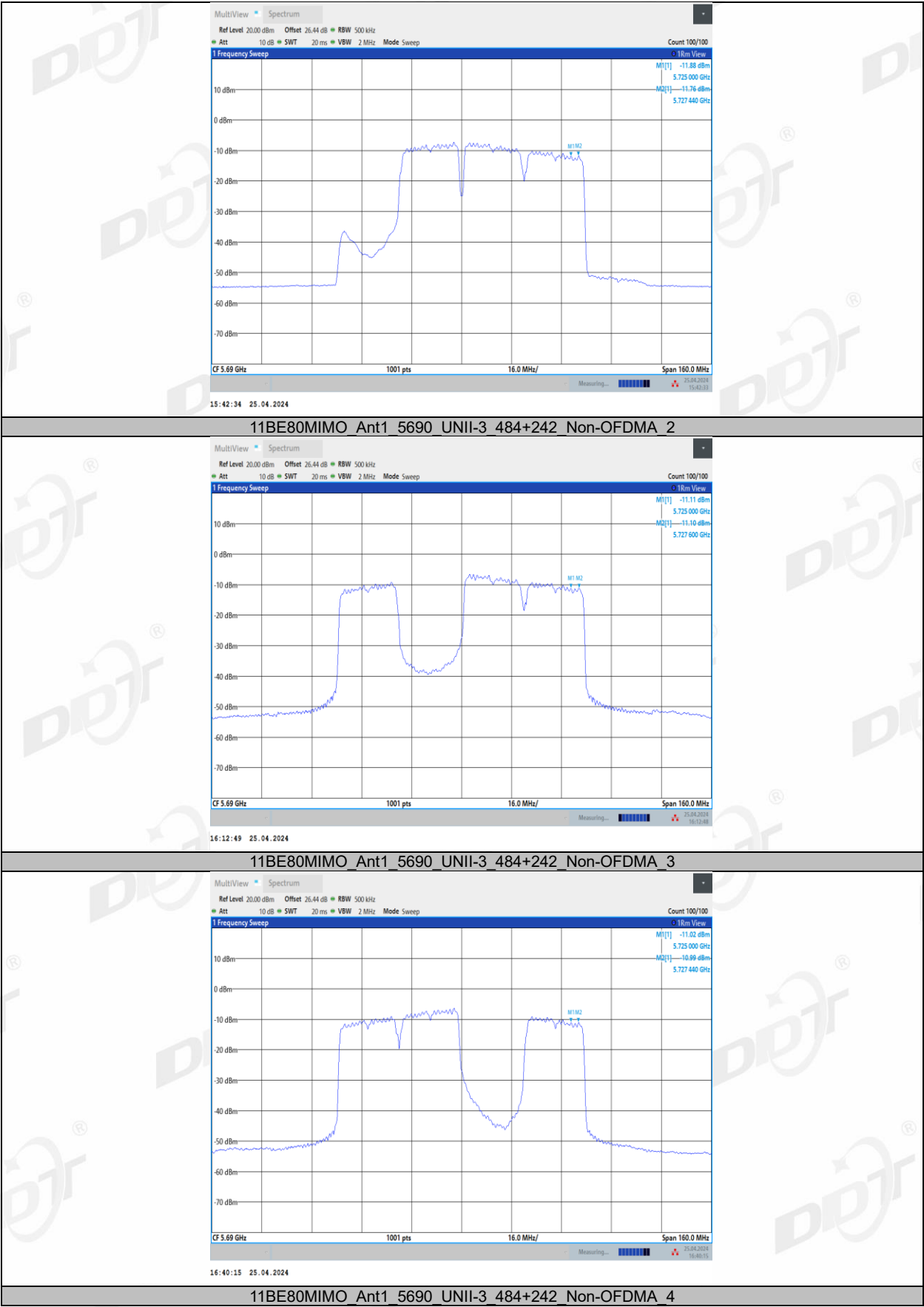


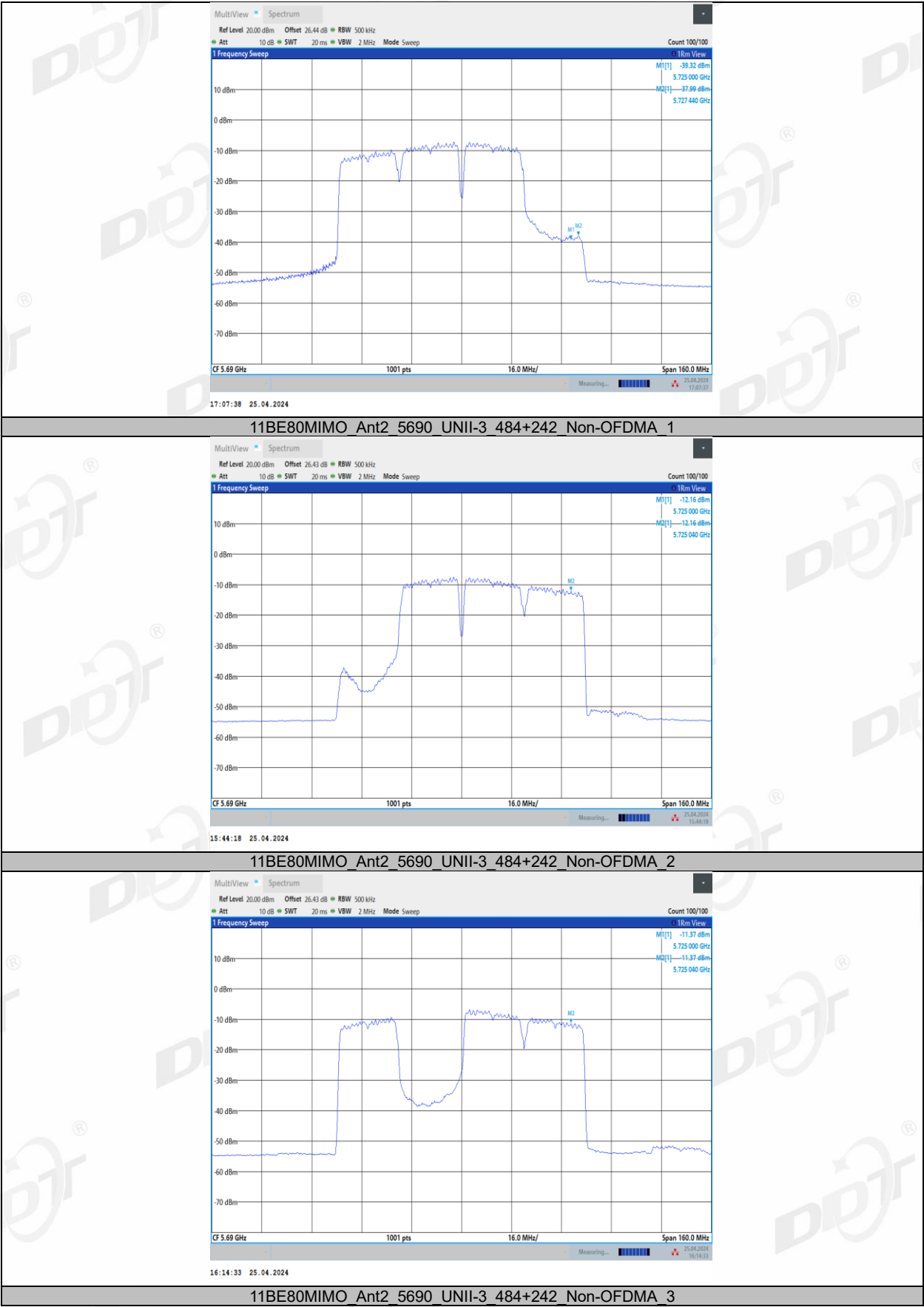
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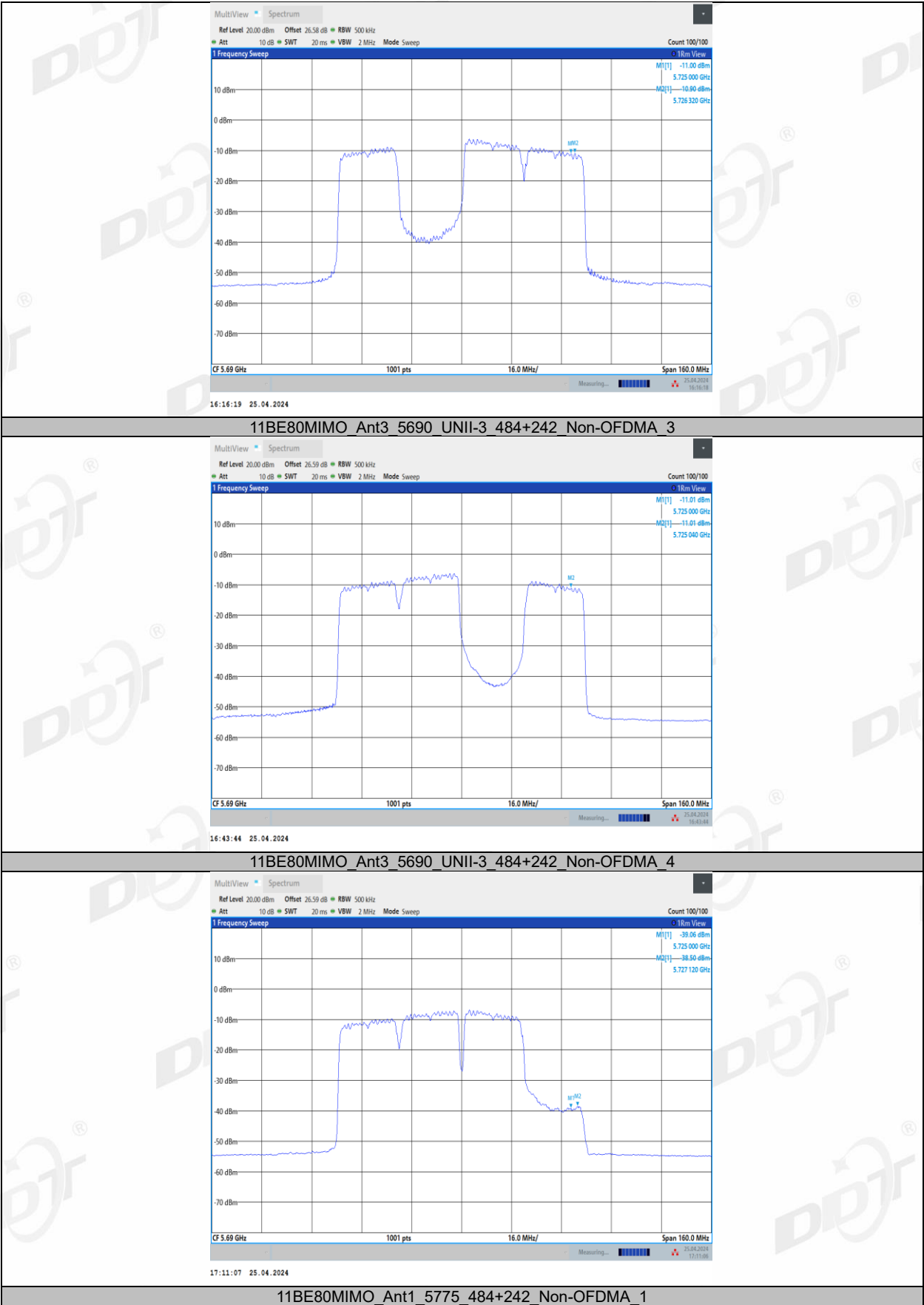
11BE80MIMO Ant3 5690 UNII-2C 484+242 Non-OFDMA 2

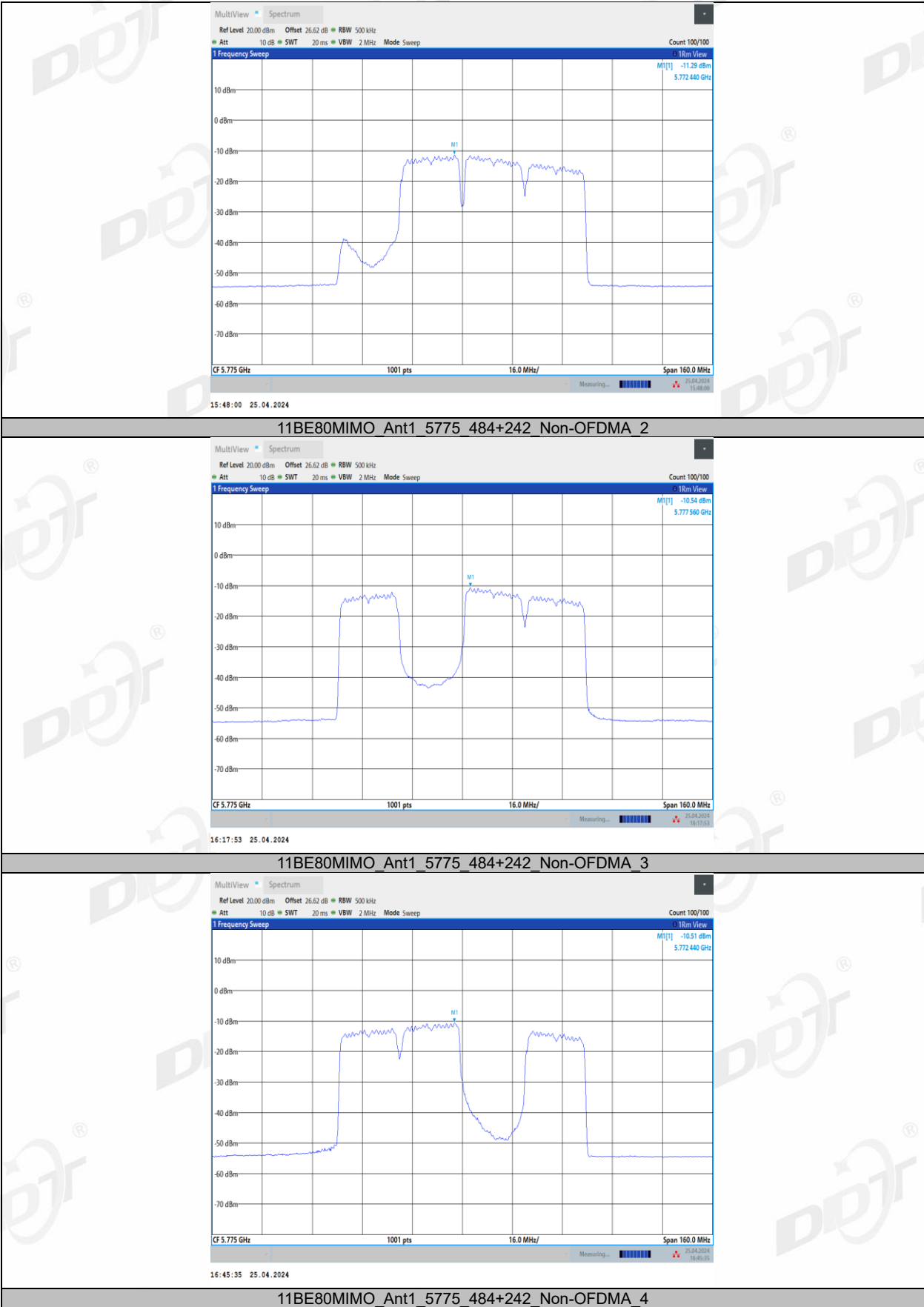


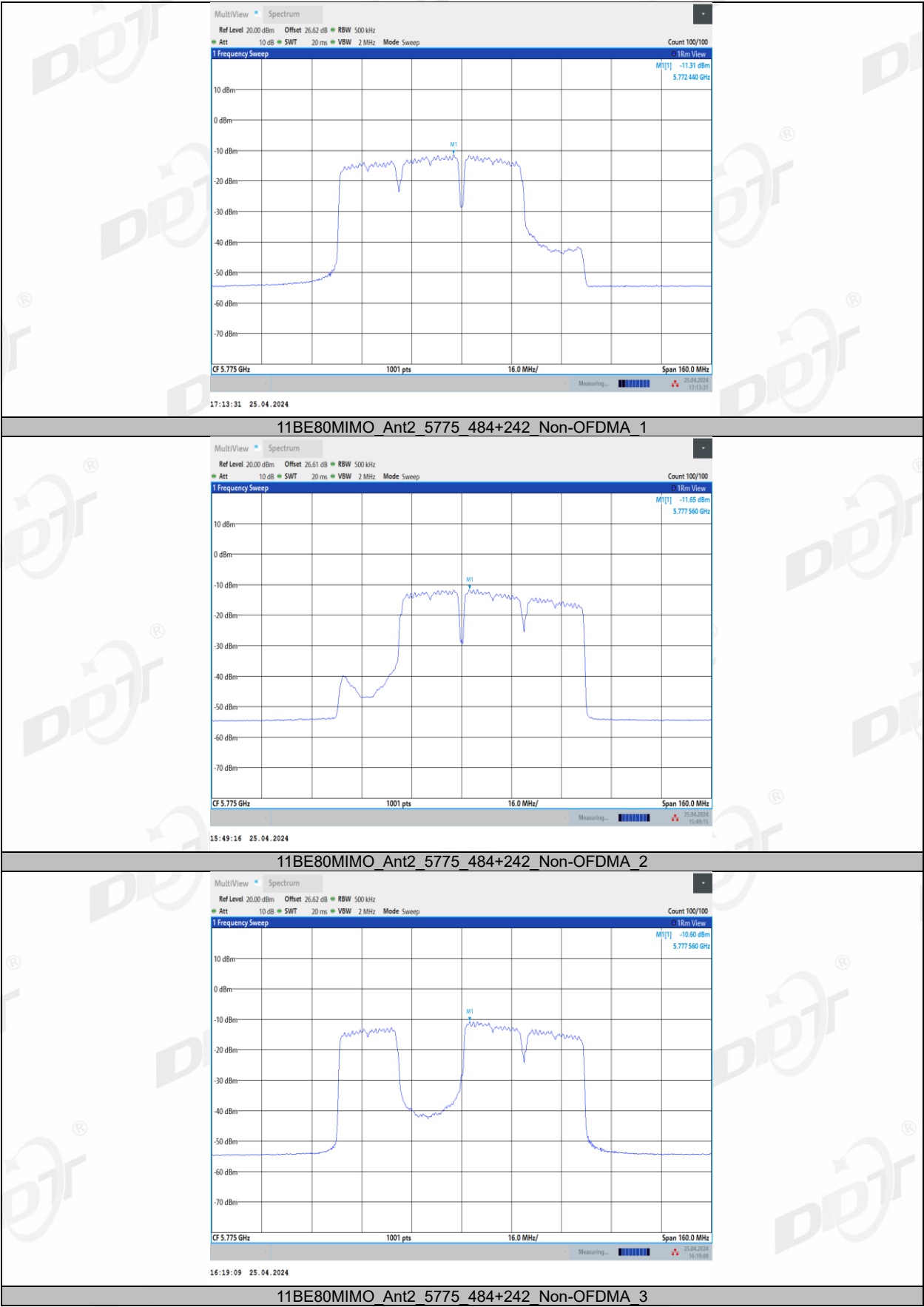


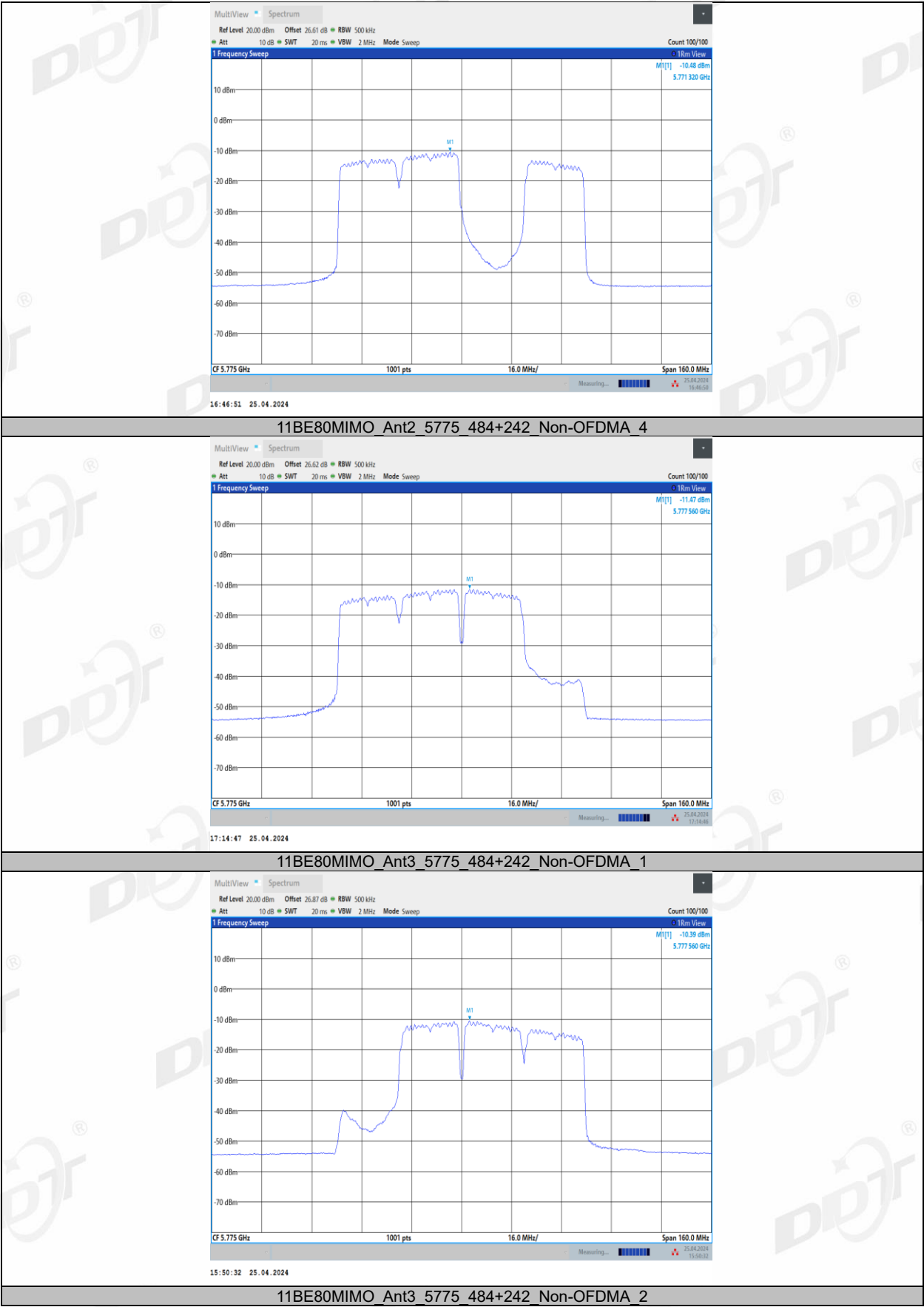


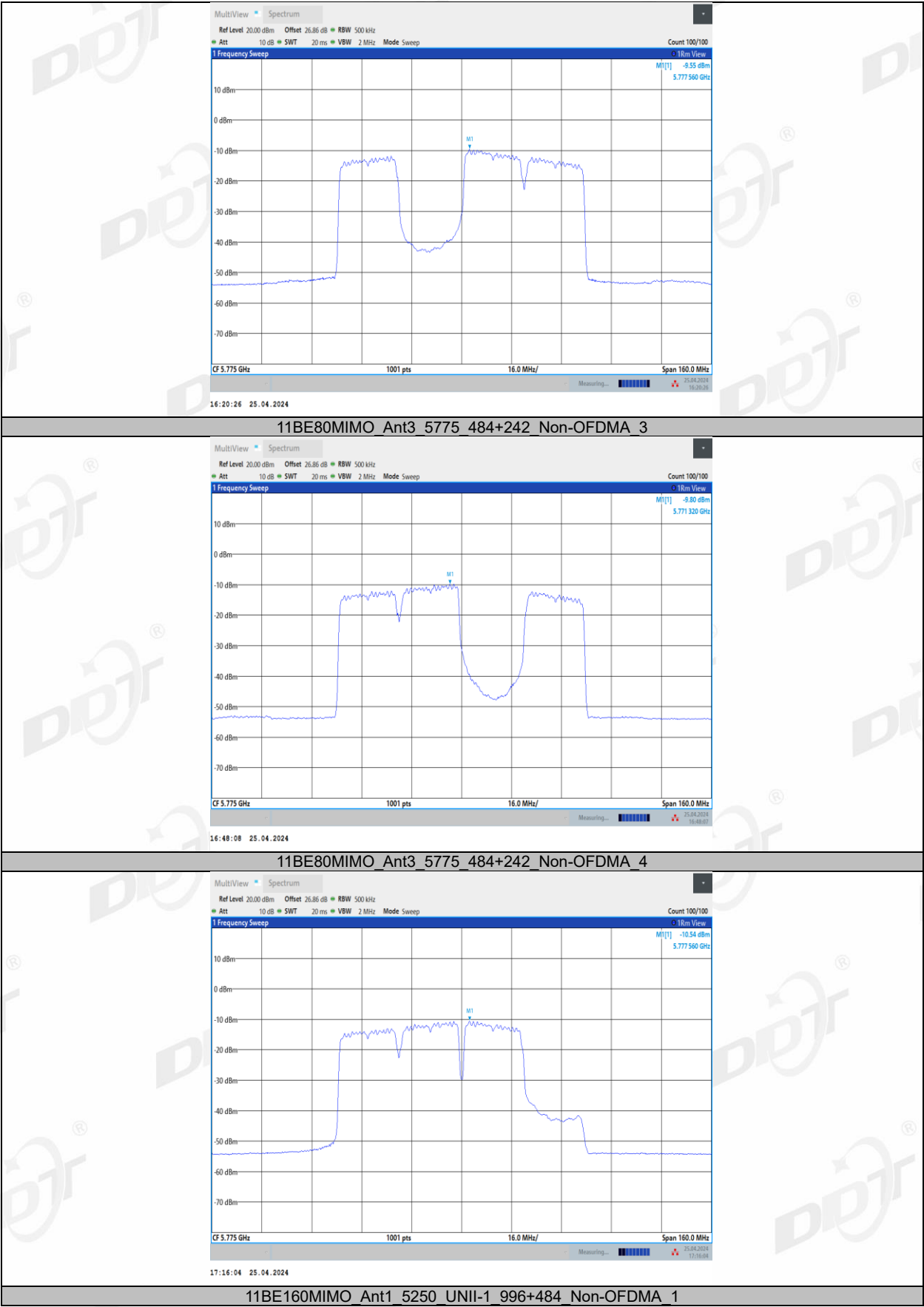


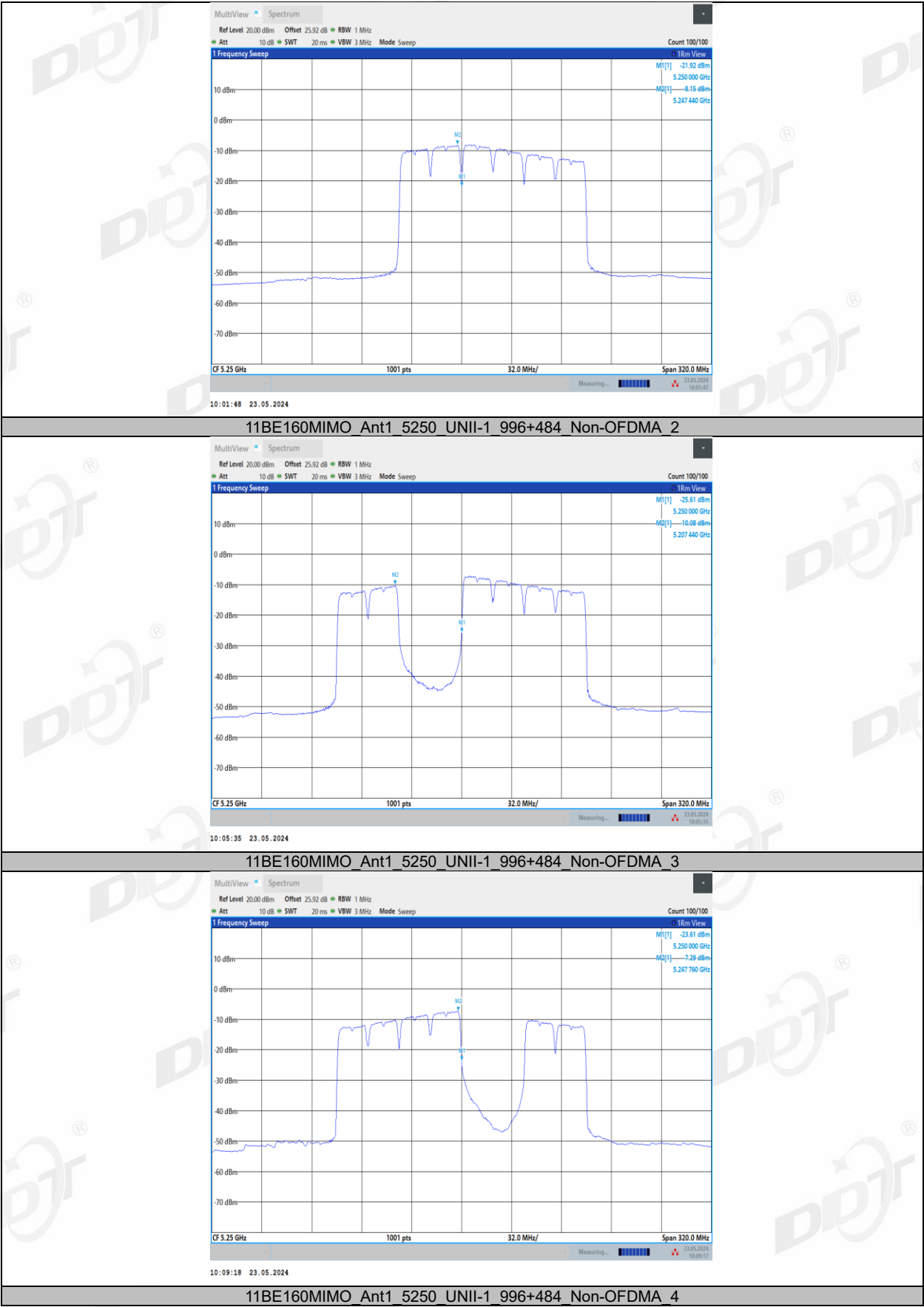


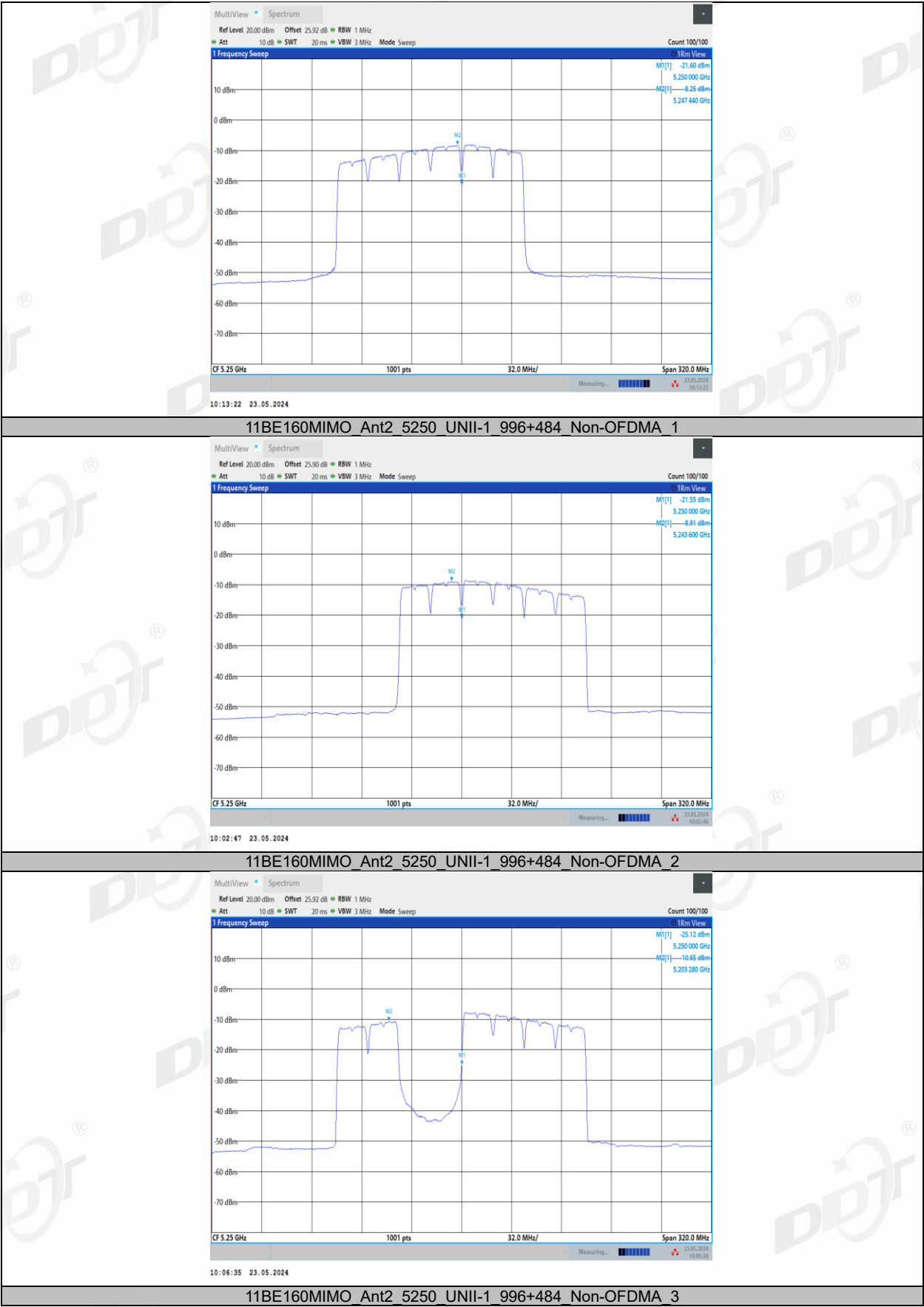


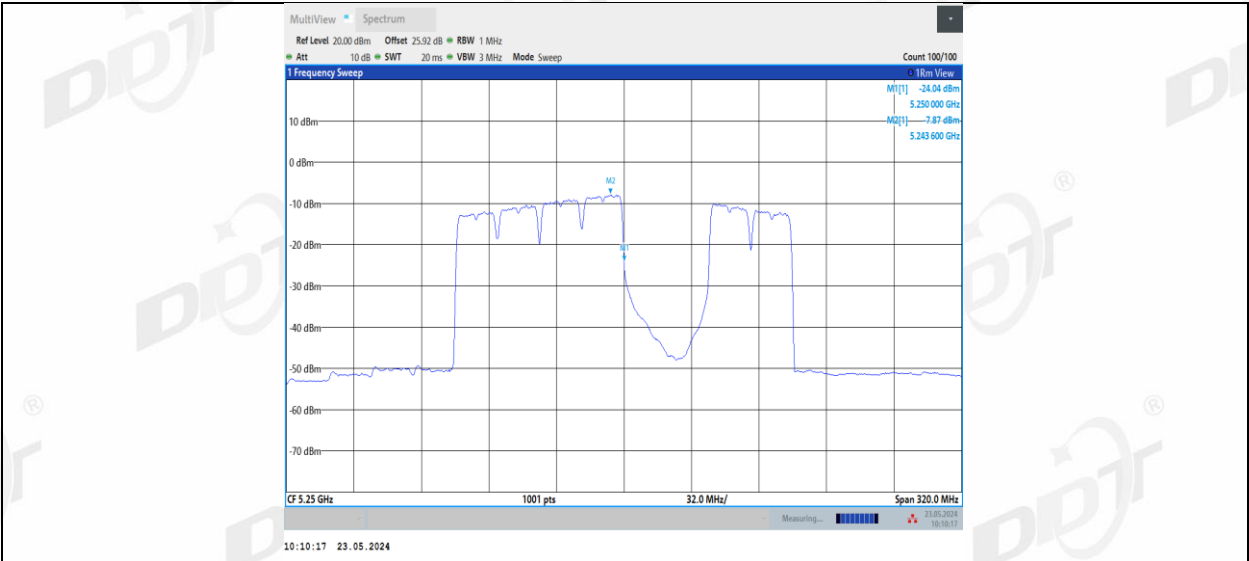




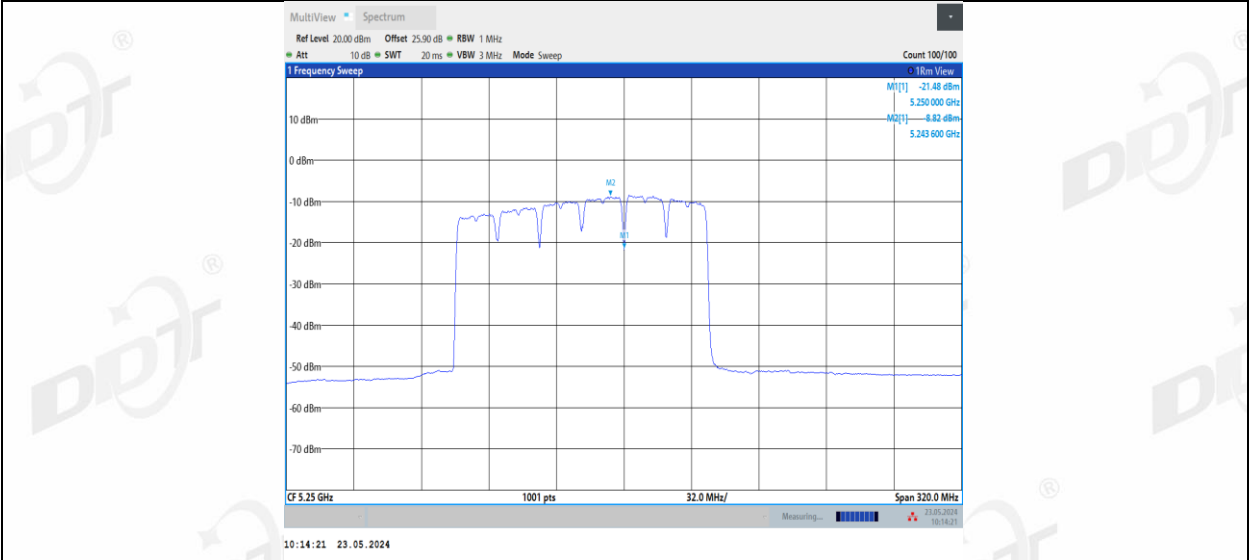




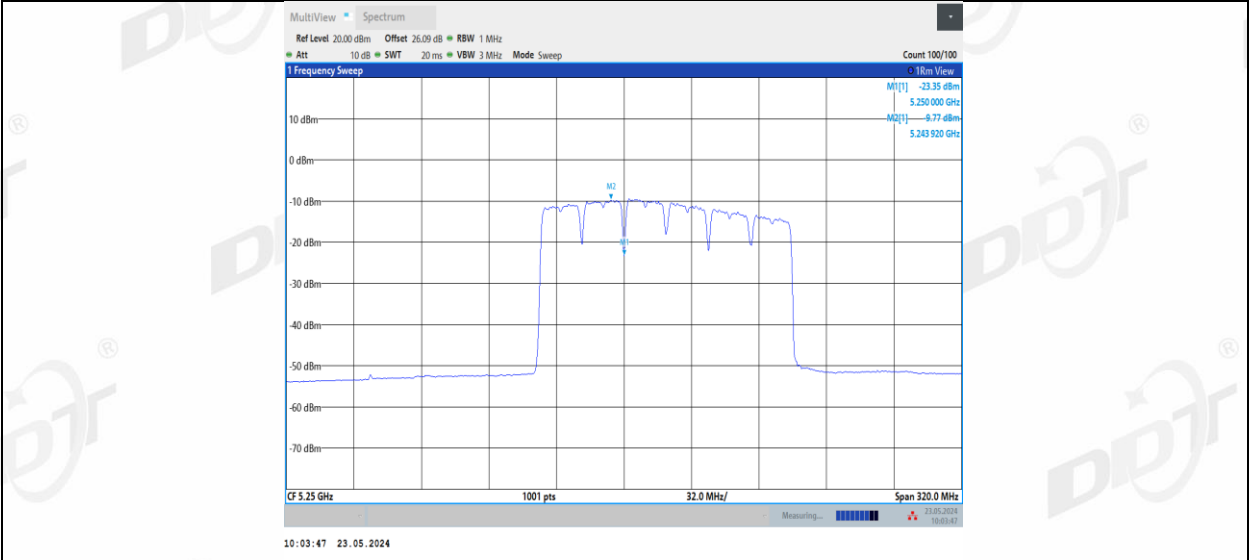




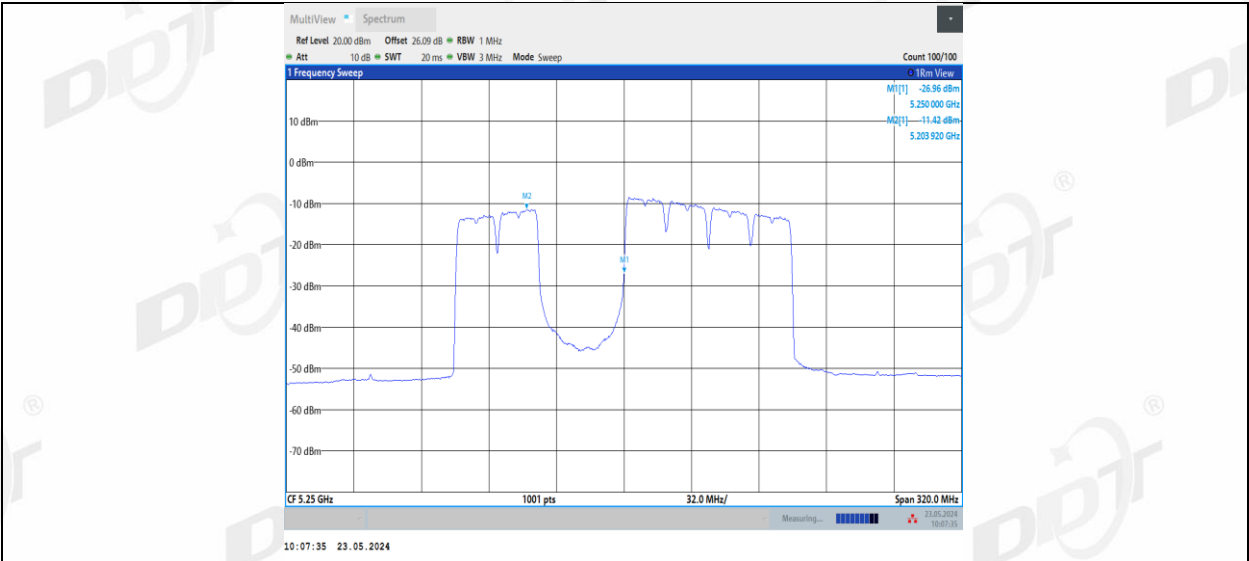
11BE160MIMO Ant2 5250 UNII-1 996+484 Non-OFDMA 4



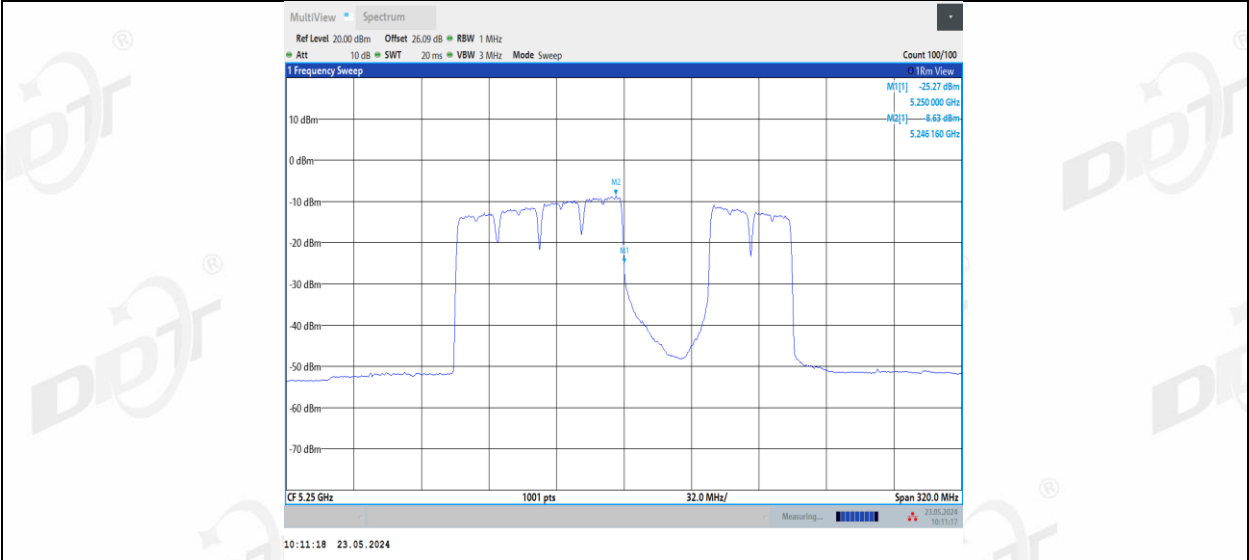
11BE160MIMO Ant3 5250 UNII-1 996+484 Non-OFDMA 1



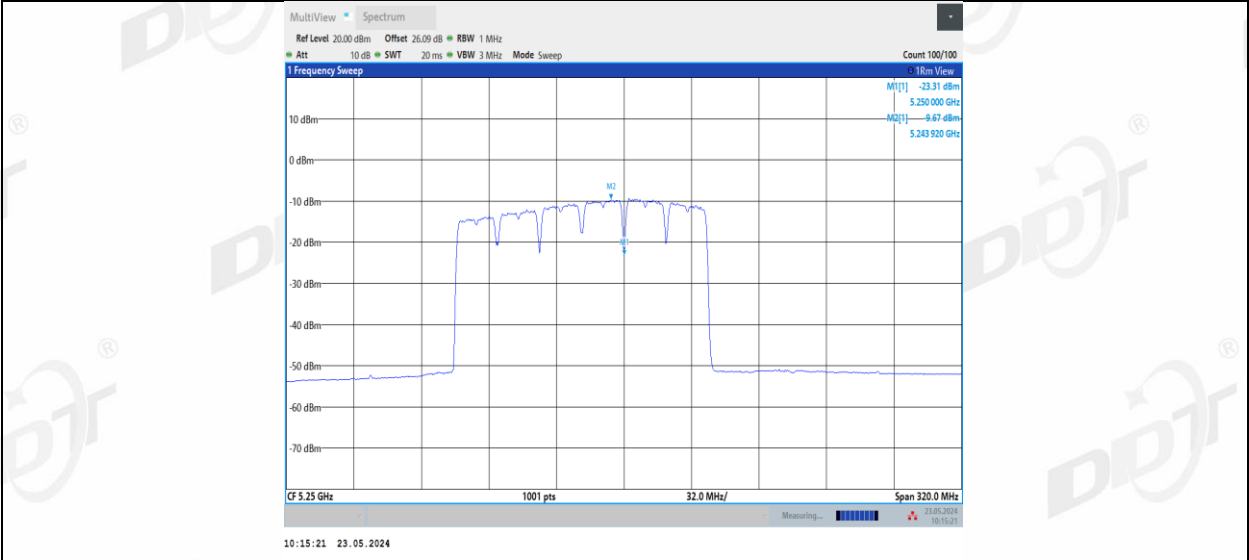
11BE160MIMO Ant3 5250 UNII-1 996+484 Non-OFDMA 2



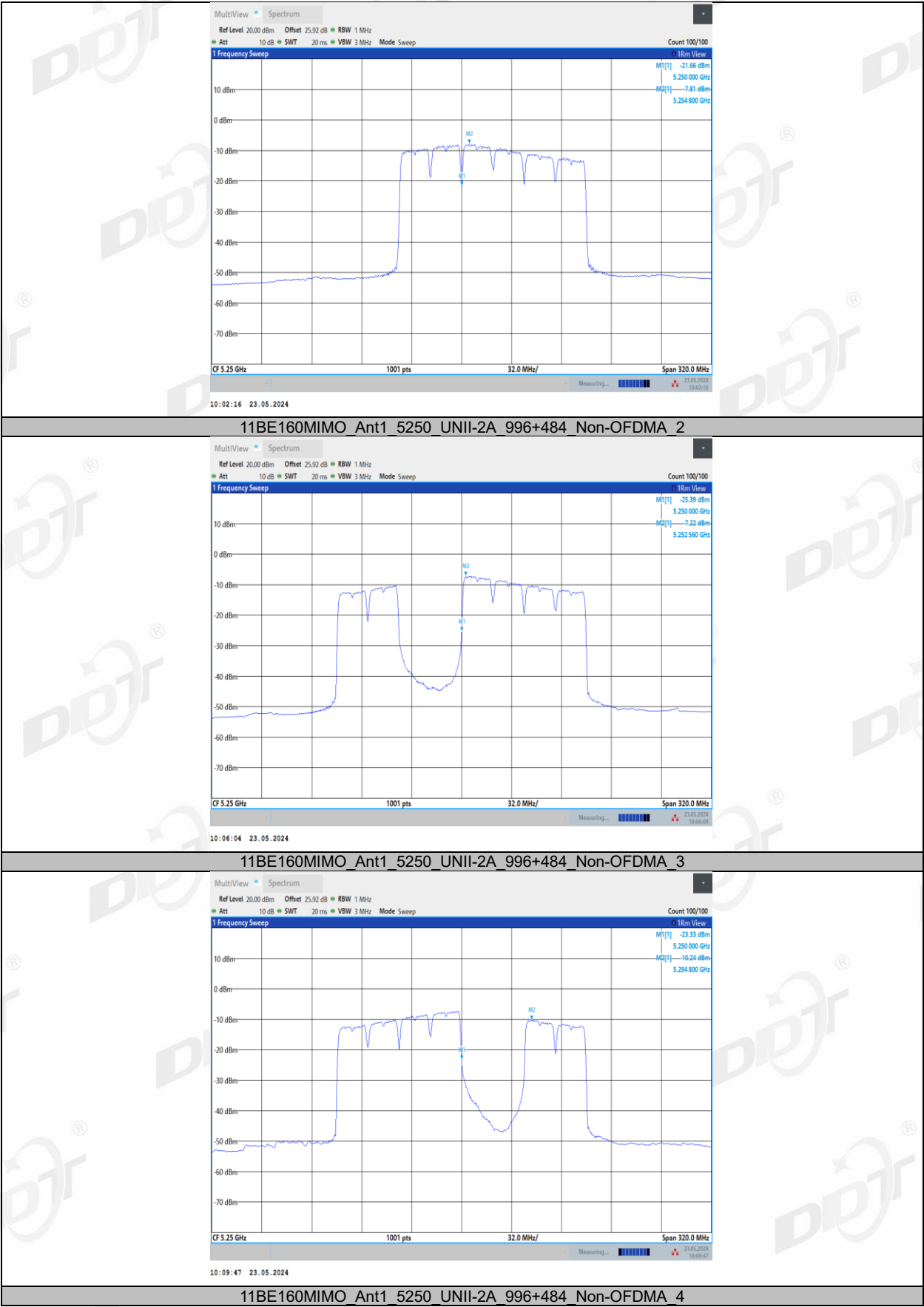
11BE160MIMO Ant3 5250 UNII-1 996+484 Non-OFDMA 3

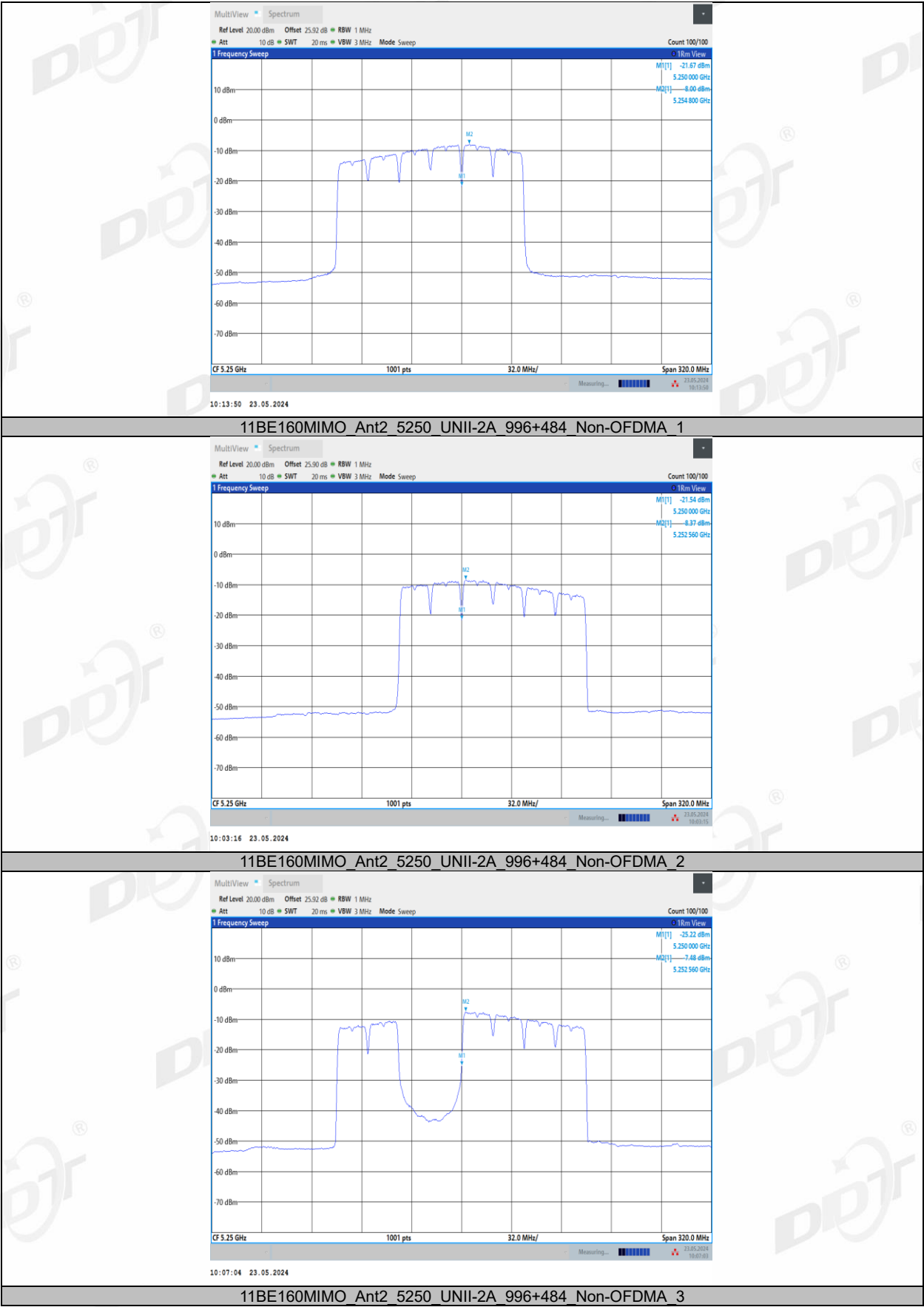


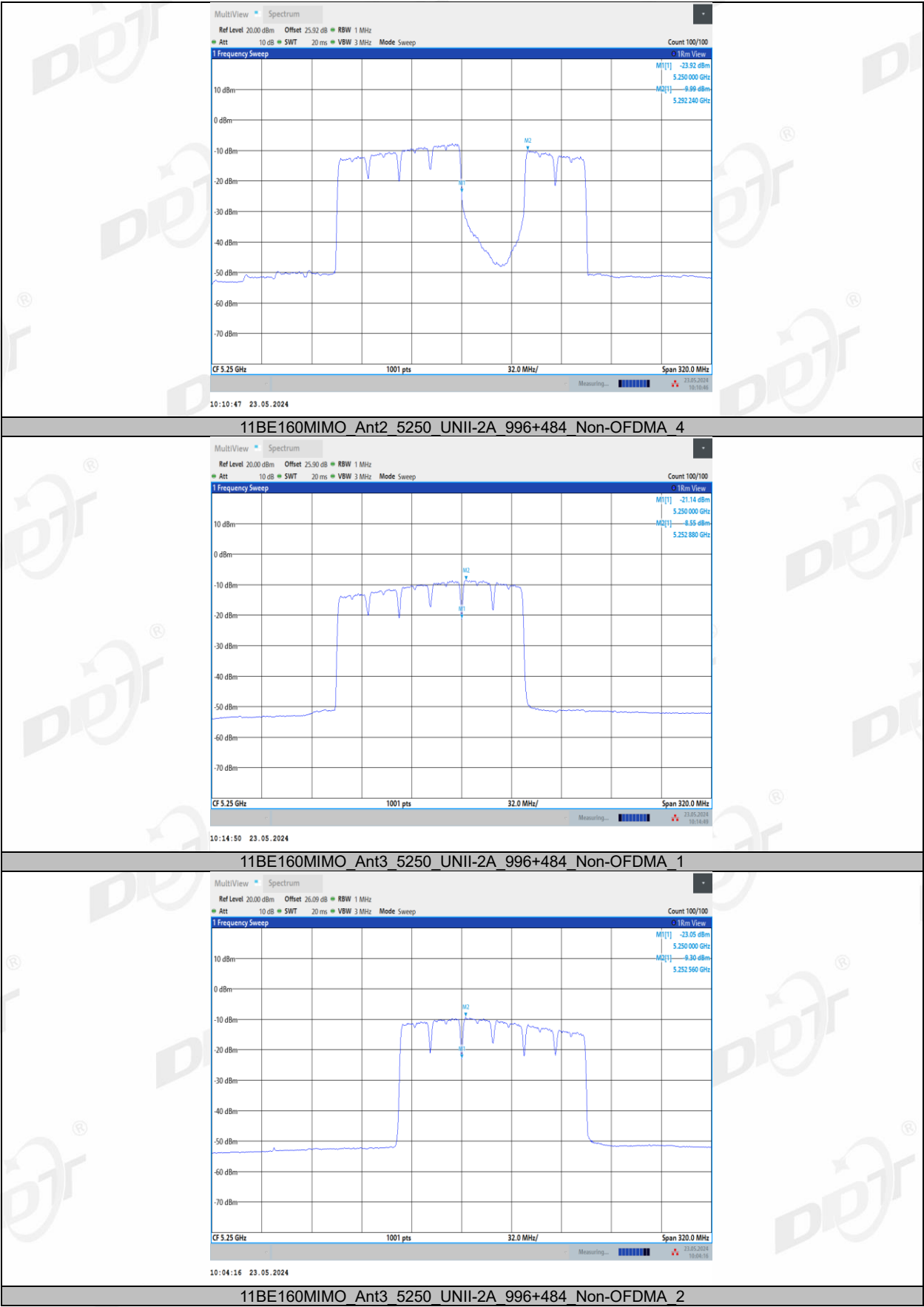
11BE160MIMO Ant3 5250 UNII-1 996+484 Non-OFDMA 4

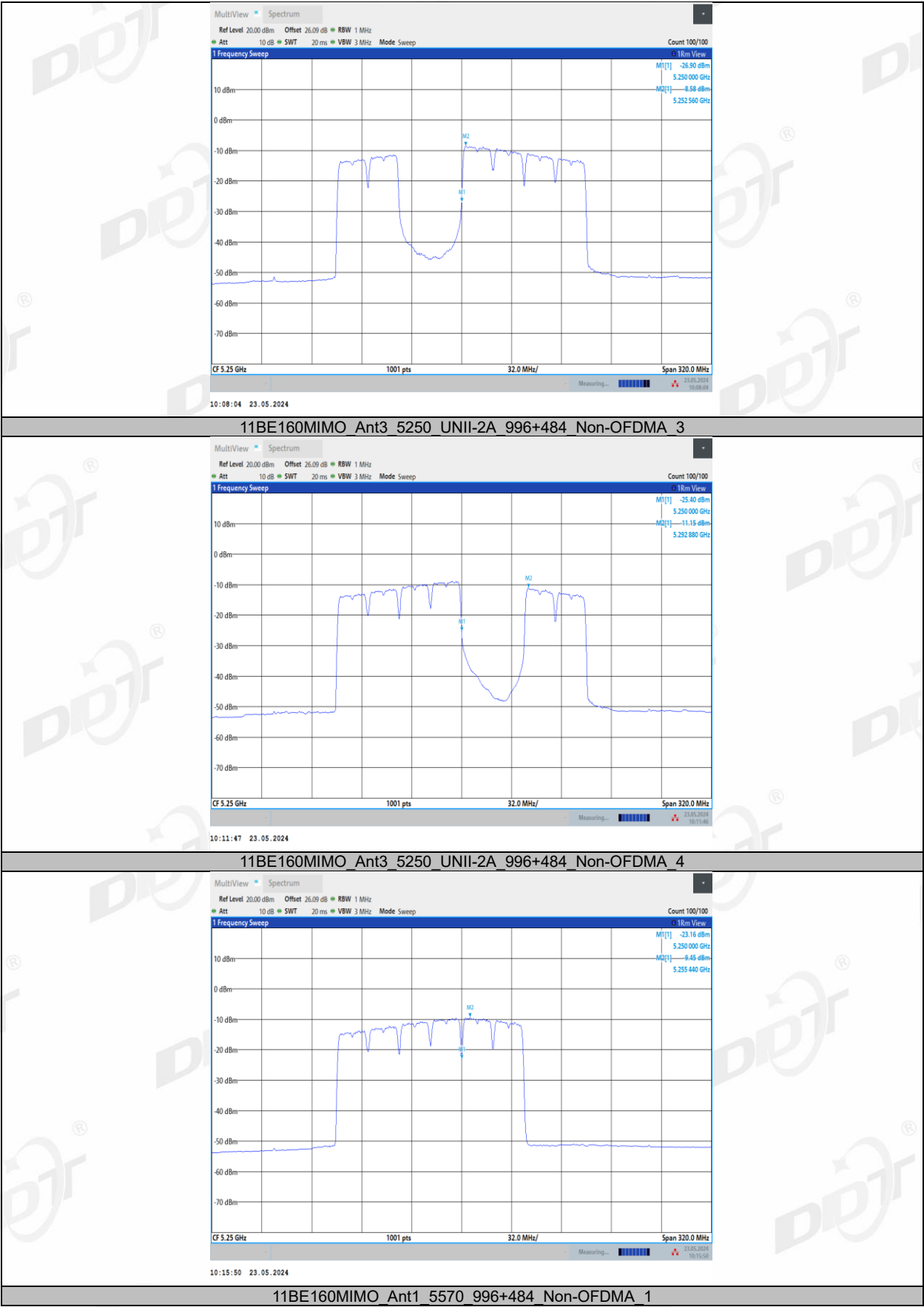


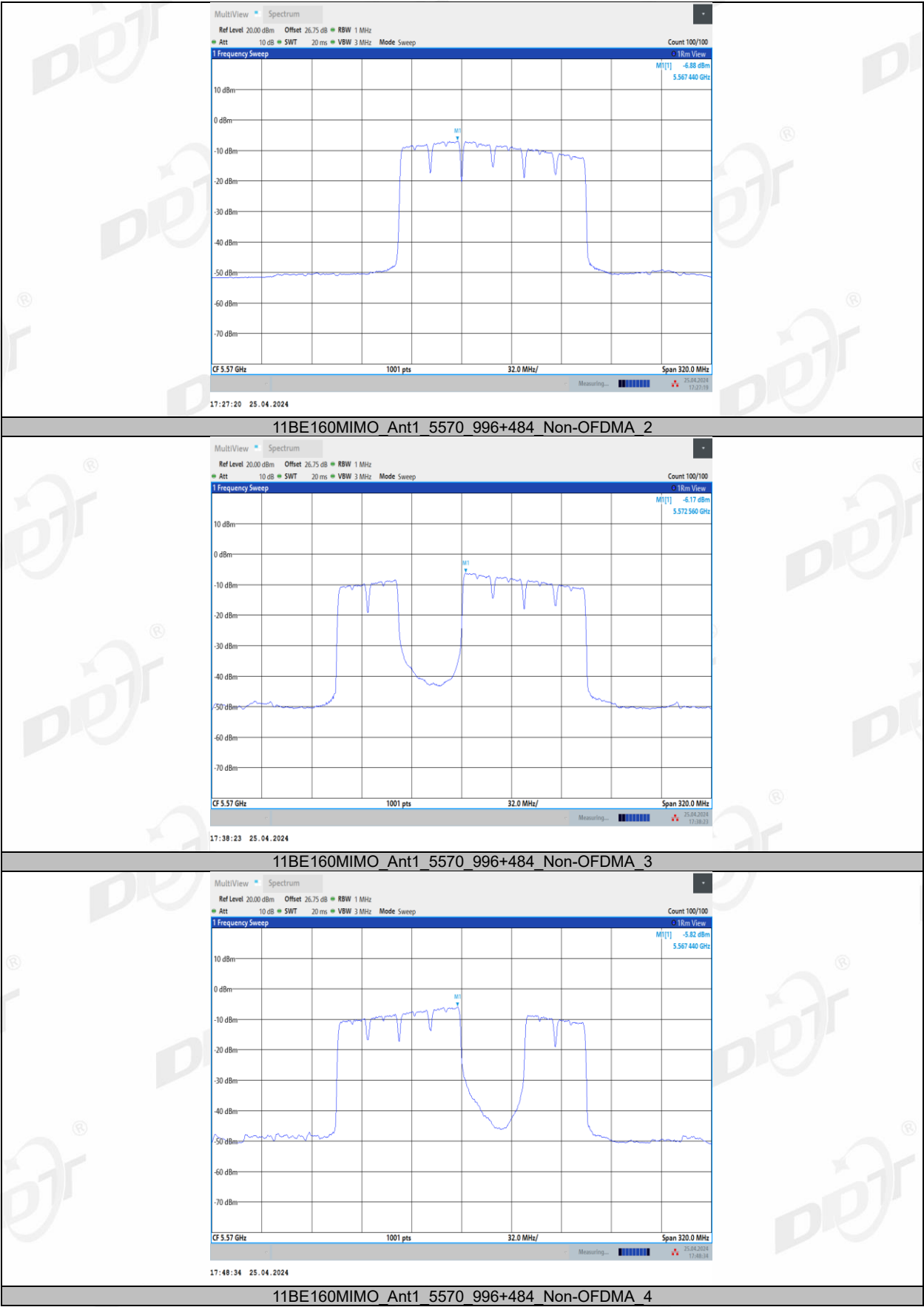
11BE160MIMO Ant1 5250 UNII-2A 996+484 Non-OFDMA 1

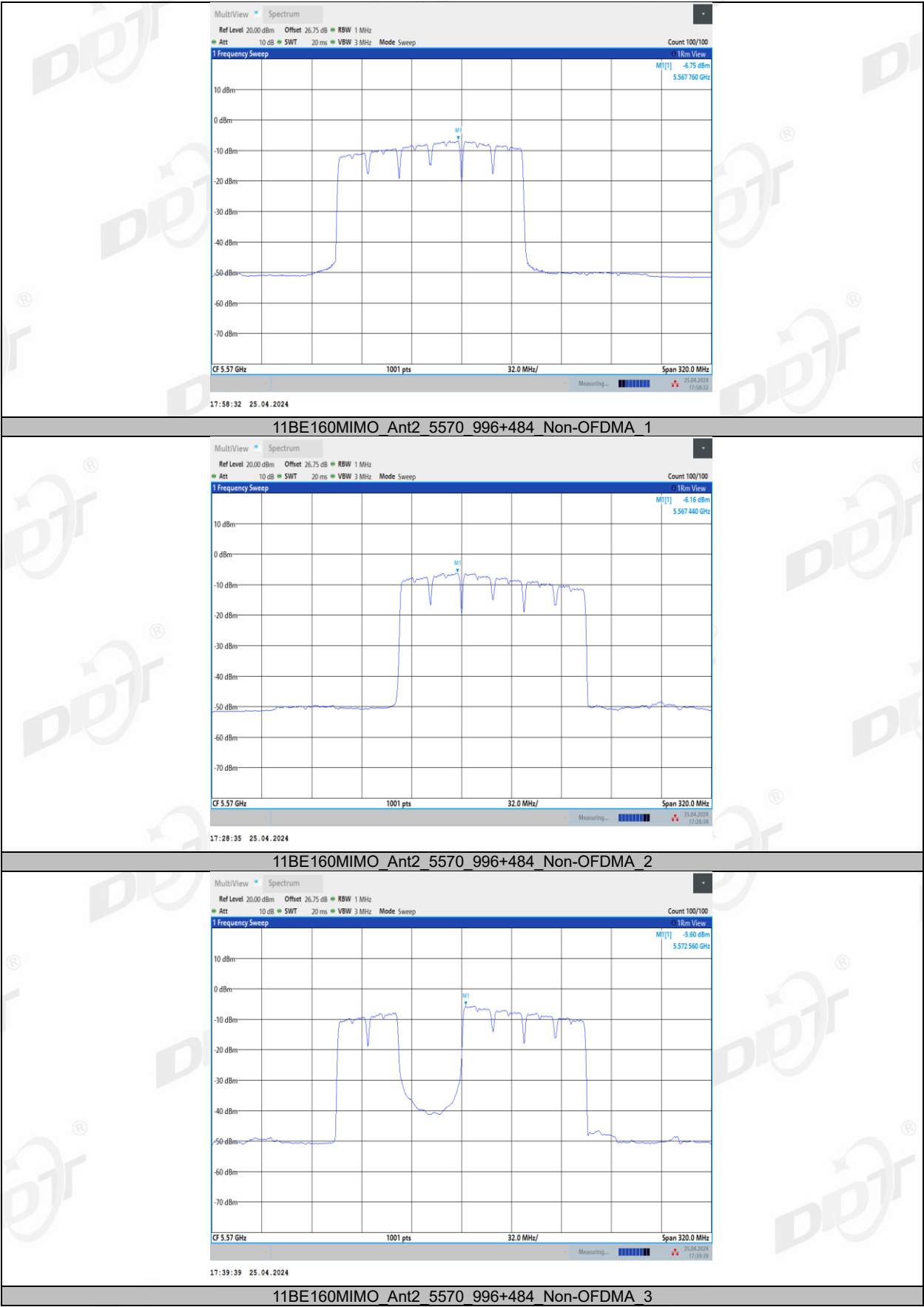




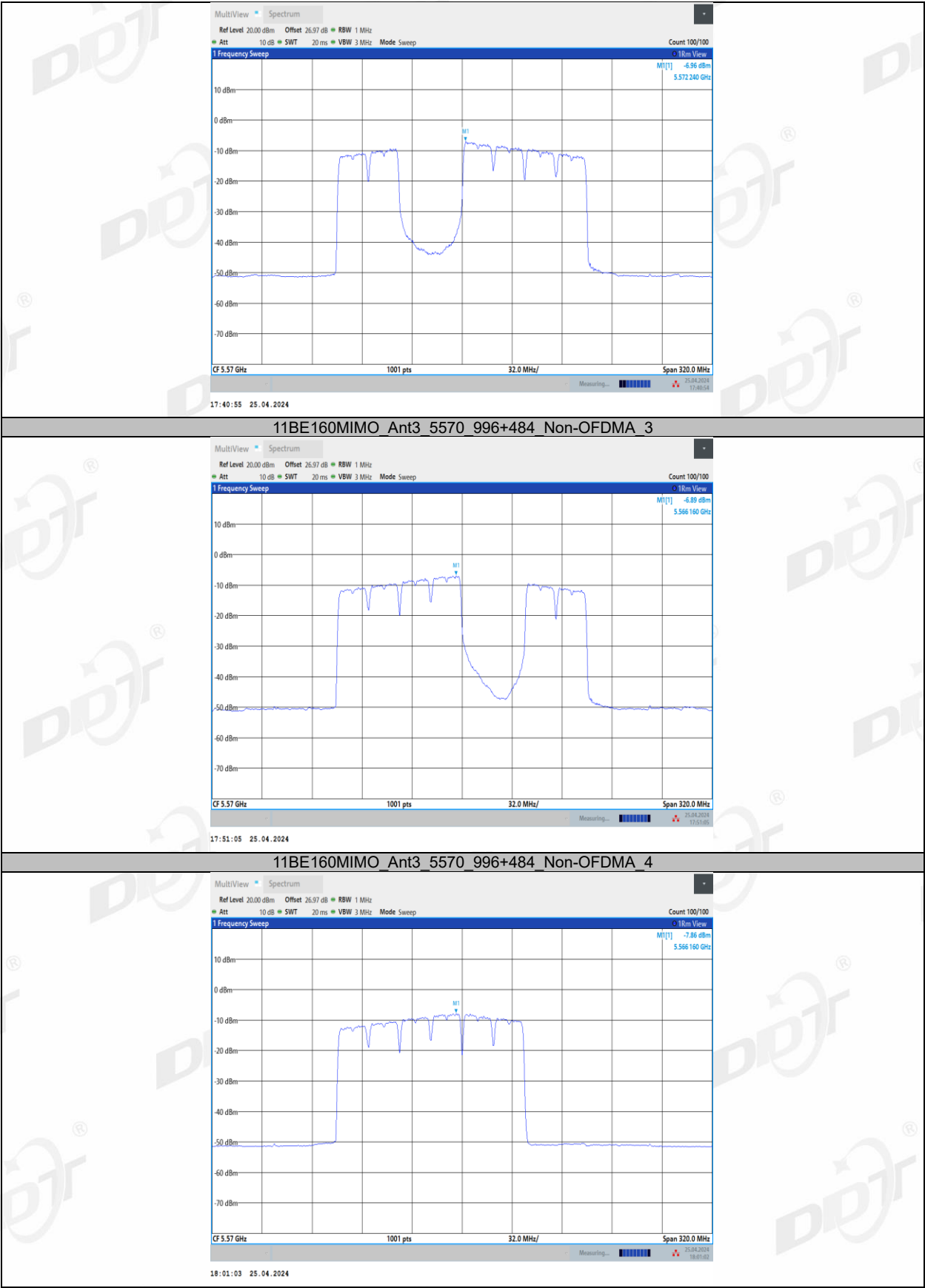












10. Frequency Stability Measurement

10.1. 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.

10.2. Measuring Instruments

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

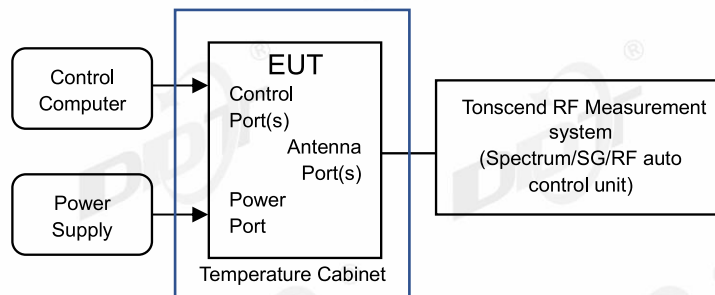
10.3. Test procedures

(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.

10.4. Test setup



10.5. Test result

Test Engineer:	Haofeng	Test Site:	RF Measurement System 4#
Ambient Condition:	25.2℃,52.2%RH	Test Date:	2024.04.11
Test Power Supply:	AC 120V/60Hz	Sample Number:	S24032709-001

Voltage								
Test Mode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20 MIMO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
	Ant2	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
	Ant3	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
	Ant1	5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
	Ant2	5200	NV	NT	-40000.00	-7.692308	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
	Ant3	5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
	Ant2	5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	5240	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.802281	20	PASS
	Ant2	5260	NV	NT	-20000.00	-3.802281	20	PASS
			LV	NT	-20000.00	-3.802281	20	PASS
			HV	NT	-20000.00	-3.802281	20	PASS
	Ant3	5260	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.802281	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5280	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.787879	20	PASS
	Ant2	5280	NV	NT	-20000.00	-3.787879	20	PASS
			LV	NT	-20000.00	-3.787879	20	PASS
			HV	NT	-40000.00	-7.575758	20	PASS
	Ant3	5280	NV	NT	-20000.00	-3.787879	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
			LV	NT	-20000.00	-3.759398	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5320	NV	NT	-20000.00	-3.759398	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-20000.00	-3.759398	20	PASS
	Ant3	5320	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS

Ant1	5500	HV	NT	-20000.00	-3.759398	20	PASS
		NV	NT	-40000.00	-7.272727	20	PASS
		LV	NT	-20000.00	-3.636364	20	PASS
Ant2	5500	HV	NT	-20000.00	-3.636364	20	PASS
		NV	NT	-20000.00	-3.636364	20	PASS
		LV	NT	0.00	0.000000	20	PASS
Ant3	5500	HV	NT	-20000.00	-3.636364	20	PASS
		NV	NT	-20000.00	-3.636364	20	PASS
		LV	NT	0.00	0.000000	20	PASS
Ant1	5580	HV	NT	-20000.00	-3.584229	20	PASS
		NV	NT	-20000.00	-3.584229	20	PASS
		LV	NT	-20000.00	-3.584229	20	PASS
Ant2	5580	HV	NT	-20000.00	-3.584229	20	PASS
		NV	NT	0.00	0.000000	20	PASS
		LV	NT	-20000.00	-3.584229	20	PASS
Ant3	5580	HV	NT	-20000.00	-3.584229	20	PASS
		NV	NT	-20000.00	-3.584229	20	PASS
		LV	NT	-20000.00	-3.584229	20	PASS
Ant1	5700	HV	NT	-20000.00	-3.508772	20	PASS
		NV	NT	-20000.00	-3.508772	20	PASS
		LV	NT	-20000.00	-3.508772	20	PASS
Ant2	5700	HV	NT	-20000.00	-3.508772	20	PASS
		NV	NT	0.00	0.000000	20	PASS
		LV	NT	-20000.00	-3.508772	20	PASS
Ant3	5700	HV	NT	-20000.00	-3.508772	20	PASS
		NV	NT	-20000.00	-3.508772	20	PASS
		LV	NT	-20000.00	-3.508772	20	PASS
Ant1	5720	HV	NT	-20000.00	-3.496503	20	PASS
		NV	NT	-20000.00	-3.496503	20	PASS
		LV	NT	-20000.00	-3.496503	20	PASS
Ant2	5720	HV	NT	-20000.00	-3.496503	20	PASS
		NV	NT	-20000.00	-3.496503	20	PASS
		LV	NT	0.00	0.000000	20	PASS
Ant3	5720	HV	NT	-20000.00	-3.496503	20	PASS
		NV	NT	-20000.00	-3.496503	20	PASS
		LV	NT	-20000.00	-3.496503	20	PASS
Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS
		NV	NT	-20000.00	-3.481288	20	PASS
		LV	NT	-20000.00	-3.481288	20	PASS
Ant2	5745	HV	NT	-20000.00	-3.481288	20	PASS
		NV	NT	-20000.00	-3.481288	20	PASS
		LV	NT	-20000.00	-3.481288	20	PASS
Ant3	5745	HV	NT	-20000.00	-3.481288	20	PASS
		NV	NT	-20000.00	-3.481288	20	PASS
		LV	NT	-20000.00	-3.481288	20	PASS
Ant1	5785	HV	NT	-20000.00	-3.457217	20	PASS
		NV	NT	-20000.00	-3.457217	20	PASS
		LV	NT	-20000.00	-3.457217	20	PASS
Ant2	5785	HV	NT	-20000.00	-3.457217	20	PASS
		NV	NT	-20000.00	-3.457217	20	PASS
		LV	NT	0.00	0.000000	20	PASS
Ant3	5785	HV	NT	-20000.00	-3.457217	20	PASS
		NV	NT	-20000.00	-3.457217	20	PASS
		LV	NT	-20000.00	-3.457217	20	PASS
Ant1	5825	HV	NT	-20000.00	-3.433476	20	PASS
		NV	NT	-20000.00	-3.433476	20	PASS
		LV	NT	-20000.00	-3.433476	20	PASS
Ant2	5825	HV	NT	-20000.00	-3.433476	20	PASS
		NV	NT	-20000.00	-3.433476	20	PASS
		LV	NT	-20000.00	-3.433476	20	PASS
Ant3	5825	HV	NT	-20000.00	-3.433476	20	PASS
		NV	NT	0.00	0.000000	20	PASS
		LV	NT	-20000.00	-3.433476	20	PASS
		HV	NT	-20000.00	-3.433476	20	PASS
		NV	NT	-20000.00	-3.433476	20	PASS
		LV	NT	-20000.00	-3.433476	20	PASS

11AX40 MIMO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	40000.00	7.707129	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	40000.00	7.707129	20	PASS
	Ant3	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	7.707129	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.648184	20	PASS
	Ant2	5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5270	NV	NT	-40000.00	-7.590133	20	PASS
			LV	NT	40000.00	7.590133	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5270	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.590133	20	PASS
	Ant3	5270	NV	NT	-40000.00	-7.590133	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5310	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.532957	20	PASS
	Ant2	5310	NV	NT	-40000.00	-7.532957	20	PASS
			LV	NT	-40000.00	-7.532957	20	PASS
			HV	NT	-40000.00	-7.532957	20	PASS
	Ant3	5310	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.532957	20	PASS
			HV	NT	40000.00	7.532957	20	PASS
	Ant1	5510	NV	NT	-40000.00	-7.259528	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5510	NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	7.259528	20	PASS
			HV	NT	40000.00	7.259528	20	PASS
	Ant3	5510	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	5550	NV	NT	-40000.00	-7.207207	20	PASS
			LV	NT	-40000.00	-7.207207	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS
	Ant2	5550	NV	NT	40000.00	7.207207	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.207207	20	PASS
	Ant3	5550	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	5670	NV	NT	40000.00	7.054674	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5670	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.054674	20	PASS
	Ant3	5670	NV	NT	-40000.00	-7.054674	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	7.054674	20	PASS
	Ant1	5710	NV	NT	0.00	0.000000	20	PASS

11AX80 MIMO	Ant2	5710	LV	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
			HV	NT	0.00	0.000000	20	PASS
	Ant3	5710	NV	NT	-40000.00	-7.005254	20	PASS
			LV	NT	-80000.00	14.010508	20	PASS
			HV	NT	-40000.00	-7.005254	20	PASS
	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	-40000.00	-6.950478	20	PASS
	Ant2	5755	NV	NT	-40000.00	-6.950478	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	-40000.00	-6.950478	20	PASS
	Ant3	5755	NV	NT	-40000.00	-6.950478	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	-40000.00	-6.950478	20	PASS
	Ant1	5795	NV	NT	-40000.00	-6.902502	20	PASS
			LV	NT	-40000.00	-6.902502	20	PASS
			HV	NT	40000.00	6.902502	20	PASS
	Ant2	5795	NV	NT	-40000.00	-6.902502	20	PASS
			LV	NT	-40000.00	-6.902502	20	PASS
			HV	NT	-40000.00	-6.902502	20	PASS
	Ant3	5795	NV	NT	40000.00	6.902502	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-6.902502	20	PASS
	Ant1	5210	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	5210	NV	NT	80000.00	15.355086	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	5210	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-80000.00	15.355086	20	PASS
	Ant1	5290	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	5290	NV	NT	-80000.00	15.122873	20	PASS
			LV	NT	80000.00	15.122873	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	5290	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	5530	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-80000.00	14.466546	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5530	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-80000.00	14.466546	20	PASS
	Ant3	5530	NV	NT	-80000.00	14.466546	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5610	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	5610	NV	NT	-80000.00	14.260250	20	PASS

			LV	NT	-80000.00	14.260250	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant3	5610	NV	NT	-80000.00	14.260250	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-80000.00	14.260250	20	PASS
	Ant1	5690	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-80000.00	14.059754	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5690	NV	NT	-80000.00	14.059754	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-80000.00	14.059754	20	PASS
	Ant3	5690	NV	NT	-80000.00	14.059754	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-80000.00	14.059754	20	PASS
	Ant1	5775	NV	NT	-80000.00	13.852814	20	PASS
			LV	NT	-80000.00	13.852814	20	PASS
			HV	NT	-80000.00	13.852814	20	PASS
	Ant2	5775	NV	NT	-80000.00	13.852814	20	PASS
			LV	NT	-80000.00	13.852814	20	PASS
			HV	NT	-80000.00	13.852814	20	PASS
	Ant3	5775	NV	NT	-80000.00	13.852814	20	PASS
			LV	NT	-80000.00	13.852814	20	PASS
			HV	NT	-80000.00	13.852814	20	PASS
11AX160 MIMO	Ant1	5250	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	5250	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	5250	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	5570	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	5570	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	5570	NV	NT	0.00	0.000000	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	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS

			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	-20000.00	-3.861004	20	PASS
	Ant2	5180	NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant3	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
	Ant1	5200	NV	50	-20000.00	-3.861004	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
	Ant2	5200	NV	40	-20000.00	-3.846154	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant3	5200	NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
	Ant1	5240	NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant2	5240	NV	10	-20000.00	-3.816794	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	0.00	0.000000	20	PASS

			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	-20000.00	-3.816794	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant3	5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-20000.00	-3.816794	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
			NV	-20	-20000.00	-3.802281	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.802281	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.802281	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5260	NV	-30	-20000.00	-3.802281	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.802281	20	PASS
			NV	10	-20000.00	-3.802281	20	PASS
			NV	20	-20000.00	-3.802281	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.802281	20	PASS
			NV	50	-20000.00	-3.802281	20	PASS
	Ant3	5260	NV	-30	-20000.00	-3.802281	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.802281	20	PASS
			NV	10	-20000.00	-3.802281	20	PASS
			NV	20	-20000.00	-3.802281	20	PASS
			NV	30	-20000.00	-3.802281	20	PASS
			NV	40	-20000.00	-3.802281	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5280	NV	-30	-20000.00	-3.787879	20	PASS
			NV	-20	-20000.00	-3.787879	20	PASS
			NV	-10	-20000.00	-3.787879	20	PASS
			NV	0	-20000.00	-3.787879	20	PASS
			NV	10	-20000.00	-3.787879	20	PASS
			NV	20	-20000.00	-3.787879	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.787879	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5280	NV	-30	-20000.00	-3.787879	20	PASS
			NV	-20	-20000.00	-3.787879	20	PASS
			NV	-10	-20000.00	-3.787879	20	PASS
			NV	0	-20000.00	-3.787879	20	PASS
			NV	10	-20000.00	-3.787879	20	PASS
			NV	20	-20000.00	-3.787879	20	PASS
			NV	30	-20000.00	-3.787879	20	PASS
			NV	40	-20000.00	-3.787879	20	PASS
			NV	50	-20000.00	-3.787879	20	PASS
	Ant3	5280	NV	-30	-20000.00	-3.787879	20	PASS
			NV	-20	-20000.00	-3.787879	20	PASS
			NV	-10	-20000.00	-3.787879	20	PASS
			NV	0	0.00	0.000000	20	PASS

			NV	10	-20000.00	-3.787879	20	PASS
			NV	20	-20000.00	-3.787879	20	PASS
			NV	30	-20000.00	-3.787879	20	PASS
			NV	40	-40000.00	-7.575758	20	PASS
			NV	50	-20000.00	-3.787879	20	PASS
	Ant1	5320	NV	-30	-20000.00	-3.759398	20	PASS
			NV	-20	-20000.00	-3.759398	20	PASS
			NV	-10	-20000.00	-3.759398	20	PASS
			NV	0	-20000.00	-3.759398	20	PASS
			NV	10	-20000.00	-3.759398	20	PASS
			NV	20	-20000.00	-3.759398	20	PASS
			NV	30	-20000.00	-3.759398	20	PASS
			NV	40	-20000.00	-3.759398	20	PASS
			NV	50	-20000.00	-3.759398	20	PASS
			NV	-30	-20000.00	-3.759398	20	PASS
	Ant2	5320	NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.759398	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.759398	20	PASS
			NV	20	-20000.00	-3.759398	20	PASS
			NV	30	-20000.00	-3.759398	20	PASS
			NV	40	-20000.00	-3.759398	20	PASS
			NV	50	-20000.00	-3.759398	20	PASS
			NV	-30	-20000.00	-3.759398	20	PASS
			NV	-20	0.00	0.000000	20	PASS
	Ant3	5320	NV	-10	-20000.00	-3.759398	20	PASS
			NV	0	-20000.00	-3.759398	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.518797	20	PASS
			NV	30	-20000.00	-3.759398	20	PASS
			NV	40	-20000.00	-3.759398	20	PASS
			NV	50	-20000.00	-3.759398	20	PASS
			NV	-30	-20000.00	-3.636364	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.636364	20	PASS
	Ant1	5500	NV	0	-20000.00	-3.636364	20	PASS
			NV	10	-20000.00	-3.636364	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.636364	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
			NV	50	-20000.00	-3.636364	20	PASS
			NV	-30	-20000.00	-3.636364	20	PASS
			NV	-20	-20000.00	-3.636364	20	PASS
			NV	-10	-20000.00	-3.636364	20	PASS
			NV	0	-20000.00	-3.636364	20	PASS
	Ant2	5500	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.636364	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
			NV	50	-20000.00	-3.636364	20	PASS
			NV	-30	-20000.00	-3.636364	20	PASS
			NV	-20	-20000.00	-3.636364	20	PASS
			NV	-10	-20000.00	-3.636364	20	PASS
			NV	0	-20000.00	-3.636364	20	PASS
			NV	10	-20000.00	-3.636364	20	PASS
	Ant3	5500	NV	20	-40000.00	-7.272727	20	PASS
			NV	30	-20000.00	-3.636364	20	PASS
			NV	40	-20000.00	-3.636364	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5580	NV	-30	-20000.00	-3.584229	20	PASS
			NV	-20	-20000.00	-3.584229	20	PASS
			NV	-10	-20000.00	-3.584229	20	PASS
			NV	0	-20000.00	-3.584229	20	PASS
			NV	10	-20000.00	-3.584229	20	PASS

			NV	20	-20000.00	-3.584229	20	PASS
			NV	30	-20000.00	-3.584229	20	PASS
			NV	40	-20000.00	-3.584229	20	PASS
			NV	50	-20000.00	-3.584229	20	PASS
Ant2	5580		NV	-30	-20000.00	-3.584229	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.584229	20	PASS
			NV	0	-20000.00	-3.584229	20	PASS
			NV	10	-20000.00	-3.584229	20	PASS
			NV	20	-20000.00	-3.584229	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.584229	20	PASS
			NV	50	-20000.00	-3.584229	20	PASS
Ant3	5580		NV	-30	-20000.00	-3.584229	20	PASS
			NV	-20	-20000.00	-3.584229	20	PASS
			NV	-10	-20000.00	-3.584229	20	PASS
			NV	0	-20000.00	-3.584229	20	PASS
			NV	10	-40000.00	-7.168459	20	PASS
			NV	20	-20000.00	-3.584229	20	PASS
			NV	30	-20000.00	-3.584229	20	PASS
			NV	40	-20000.00	-3.584229	20	PASS
			NV	50	0.00	0.000000	20	PASS
Ant1	5700		NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.508772	20	PASS
			NV	-10	-20000.00	-3.508772	20	PASS
			NV	0	-20000.00	-3.508772	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.508772	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.508772	20	PASS
			NV	50	-20000.00	-3.508772	20	PASS
Ant2	5700		NV	-30	-20000.00	-3.508772	20	PASS
			NV	-20	-20000.00	-3.508772	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.508772	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.017544	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.508772	20	PASS
Ant3	5700		NV	-30	-20000.00	-3.508772	20	PASS
			NV	-20	-20000.00	-3.508772	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.508772	20	PASS
			NV	10	-40000.00	-7.017544	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.508772	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.508772	20	PASS
Ant1	5720		NV	-30	-20000.00	-3.496503	20	PASS
			NV	-20	-20000.00	-3.496503	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.496503	20	PASS
			NV	10	-40000.00	-6.993007	20	PASS
			NV	20	-20000.00	-3.496503	20	PASS
			NV	30	-20000.00	-3.496503	20	PASS
			NV	40	-20000.00	-3.496503	20	PASS
			NV	50	-20000.00	-3.496503	20	PASS
Ant2	5720		NV	-30	-20000.00	-3.496503	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.496503	20	PASS
			NV	10	-20000.00	-3.496503	20	PASS
			NV	20	-20000.00	-3.496503	20	PASS

			NV	30	-20000.00	-3.496503	20	PASS
			NV	40	-20000.00	-3.496503	20	PASS
			NV	50	-20000.00	-3.496503	20	PASS
	Ant3	5720	NV	-30	-20000.00	-3.496503	20	PASS
			NV	-20	-20000.00	-3.496503	20	PASS
			NV	-10	-20000.00	-3.496503	20	PASS
			NV	0	-40000.00	-6.993007	20	PASS
			NV	10	-20000.00	-3.496503	20	PASS
			NV	20	-40000.00	-6.993007	20	PASS
			NV	30	-20000.00	-3.496503	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-6.993007	20	PASS
	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.481288	20	PASS
			NV	10	-20000.00	-3.481288	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	-20000.00	-3.481288	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
			NV	50	-20000.00	-3.481288	20	PASS
	Ant2	5745	NV	-30	-40000.00	-6.962576	20	PASS
			NV	-20	-20000.00	-3.481288	20	PASS
			NV	-10	-20000.00	-3.481288	20	PASS
			NV	0	-20000.00	-3.481288	20	PASS
			NV	10	-20000.00	-3.481288	20	PASS
			NV	20	-40000.00	-6.962576	20	PASS
			NV	30	-20000.00	-3.481288	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
			NV	50	-20000.00	-3.481288	20	PASS
	Ant3	5745	NV	-30	-20000.00	-3.481288	20	PASS
			NV	-20	-20000.00	-3.481288	20	PASS
			NV	-10	-40000.00	-6.962576	20	PASS
			NV	0	-40000.00	-6.962576	20	PASS
			NV	10	-20000.00	-3.481288	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	-20000.00	-3.481288	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
			NV	50	-20000.00	-3.481288	20	PASS
	Ant1	5785	NV	-30	-20000.00	-3.457217	20	PASS
			NV	-20	-20000.00	-3.457217	20	PASS
			NV	-10	-20000.00	-3.457217	20	PASS
			NV	0	-20000.00	-3.457217	20	PASS
			NV	10	-20000.00	-3.457217	20	PASS
			NV	20	-20000.00	-3.457217	20	PASS
			NV	30	-20000.00	-3.457217	20	PASS
			NV	40	-20000.00	-3.457217	20	PASS
			NV	50	-20000.00	-3.457217	20	PASS
	Ant2	5785	NV	-30	-20000.00	-3.457217	20	PASS
			NV	-20	-20000.00	-3.457217	20	PASS
			NV	-10	-20000.00	-3.457217	20	PASS
			NV	0	-20000.00	-3.457217	20	PASS
			NV	10	-20000.00	-3.457217	20	PASS
			NV	20	-20000.00	-3.457217	20	PASS
			NV	30	-20000.00	-3.457217	20	PASS
			NV	40	-20000.00	-3.457217	20	PASS
			NV	50	-20000.00	-3.457217	20	PASS
	Ant3	5785	NV	-30	-20000.00	-3.457217	20	PASS
			NV	-20	-20000.00	-3.457217	20	PASS
			NV	-10	-20000.00	-3.457217	20	PASS
			NV	0	-40000.00	-6.914434	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.457217	20	PASS
			NV	30	0.00	0.000000	20	PASS

	Ant1	5825	NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.457217	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.433476	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.433476	20	PASS
			NV	20	-20000.00	-3.433476	20	PASS
			NV	30	-20000.00	-3.433476	20	PASS
			NV	40	-20000.00	-3.433476	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
	Ant2	5825	NV	-20	-20000.00	-3.433476	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.433476	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.433476	20	PASS
			NV	40	-20000.00	-3.433476	20	PASS
			NV	50	-20000.00	-3.433476	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	-20000.00	-3.433476	20	PASS
			NV	-10	-20000.00	-3.433476	20	PASS
			NV	0	0.00	0.000000	20	PASS
11AX40 MIMO	Ant1	5190	NV	10	-20000.00	-3.433476	20	PASS
			NV	20	-20000.00	-3.433476	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.433476	20	PASS
			NV	50	-20000.00	-3.433476	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	40000.00	7.707129	20	PASS
			NV	-10	-80000.00	15.414258	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.707129	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant2	5190	NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.707129	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
	Ant3	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	7.707129	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.707129	20	PASS
			NV	40	40000.00	7.707129	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
	Ant1	5230	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.648184	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS

	Ant2	5230	NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.648184	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-80000.00	15.296367	20	PASS
			NV	20	40000.00	7.648184	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.648184	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant3	5230	NV	-30	-40000.00	-7.648184	20	PASS
			NV	-20	-40000.00	-7.648184	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.648184	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.648184	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	-30	-40000.00	-7.590133	20	PASS
			NV	-20	-40000.00	-7.590133	20	PASS
			NV	-10	-40000.00	-7.590133	20	PASS
	Ant1	5270	NV	0	40000.00	7.590133	20	PASS
			NV	10	-40000.00	-7.590133	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.590133	20	PASS
			NV	40	40000.00	7.590133	20	PASS
			NV	50	40000.00	7.590133	20	PASS
			NV	-30	-40000.00	-7.590133	20	PASS
			NV	-20	-40000.00	-7.590133	20	PASS
			NV	-10	40000.00	7.590133	20	PASS
			NV	0	40000.00	7.590133	20	PASS
			NV	10	40000.00	7.590133	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant2	5270	NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.590133	20	PASS
			NV	50	-40000.00	-7.590133	20	PASS
			NV	-30	-40000.00	-7.590133	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.590133	20	PASS
			NV	0	-40000.00	-7.590133	20	PASS
			NV	10	-40000.00	-7.590133	20	PASS
			NV	20	-40000.00	-7.590133	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
	Ant3	5270	NV	-30	-40000.00	-7.590133	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.590133	20	PASS
			NV	0	-40000.00	-7.590133	20	PASS
			NV	10	-40000.00	-7.590133	20	PASS
			NV	20	-40000.00	-7.590133	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	-30	40000.00	7.532957	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.532957	20	PASS
	Ant1	5310	NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.532957	20	PASS
			NV	30	-40000.00	-7.532957	20	PASS
			NV	40	-40000.00	-7.532957	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	-40000.00	-7.532957	20	PASS
			NV	-20	-40000.00	-7.532957	20	PASS
			NV	-10	-40000.00	-7.532957	20	PASS
			NV	0	-80000.00	15.065913	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.532957	20	PASS
	Ant2	5310	NV	30	-40000.00	-7.532957	20	PASS
			NV	40	-40000.00	-7.532957	20	PASS
			NV	50	-40000.00	-7.532957	20	PASS
			NV	20	-40000.00	-7.532957	20	PASS

			NV	30	-40000.00	-7.532957	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.532957	20	PASS
	Ant3	5310	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.532957	20	PASS
			NV	0	-40000.00	-7.532957	20	PASS
			NV	10	-40000.00	-7.532957	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
	Ant1	5510	NV	0	-40000.00	-7.259528	20	PASS
			NV	10	40000.00	7.259528	20	PASS
			NV	20	-40000.00	-7.259528	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	7.259528	20	PASS
			NV	50	40000.00	7.259528	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-80000.00	14.519056	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.259528	20	PASS
	Ant2	5510	NV	30	-80000.00	14.519056	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	-40000.00	-7.259528	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.259528	20	PASS
			NV	50	-40000.00	-7.259528	20	PASS
	Ant3	5510	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.207207	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-7.207207	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.207207	20	PASS
			NV	40	-40000.00	-7.207207	20	PASS
			NV	50	-40000.00	-7.207207	20	PASS
			NV	-30	-40000.00	-7.207207	20	PASS
			NV	-20	-40000.00	-7.207207	20	PASS
			NV	-10	-40000.00	-7.207207	20	PASS
	Ant1	5550	NV	0	-40000.00	-7.207207	20	PASS
			NV	10	-40000.00	-7.207207	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.207207	20	PASS
			NV	40	-40000.00	-7.207207	20	PASS
			NV	50	-40000.00	-7.207207	20	PASS
			NV	-30	-40000.00	-7.207207	20	PASS
			NV	-20	-40000.00	-7.207207	20	PASS
			NV	-10	-40000.00	-7.207207	20	PASS
			NV	0	-40000.00	-7.207207	20	PASS
			NV	10	-40000.00	-7.207207	20	PASS
			NV	20	-40000.00	-7.207207	20	PASS
	Ant2	5550	NV	30	-40000.00	-7.207207	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	40000.00	7.207207	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.207207	20	PASS
			NV	10	-40000.00	-7.207207	20	PASS
			NV	20	-40000.00	-7.207207	20	PASS
			NV	30	-40000.00	-7.207207	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant3	5550	NV	-30	40000.00	7.207207	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.207207	20	PASS
			NV	10	-40000.00	-7.207207	20	PASS

			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
Ant1	5670		NV	-30	-40000.00	-7.054674	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	40000.00	7.054674	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	-40000.00	-7.054674	20	PASS
			NV	-20	-40000.00	-7.054674	20	PASS
			NV	-10	0.00	0.000000	20	PASS
Ant2	5670		NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	7.054674	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.054674	20	PASS
			NV	40	40000.00	7.054674	20	PASS
			NV	50	80000.00	14.109347	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.054674	20	PASS
			NV	-10	40000.00	7.054674	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
Ant3	5670		NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.054674	20	PASS
			NV	50	-40000.00	-7.054674	20	PASS
			NV	-30	-40000.00	-7.005254	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.005254	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.005254	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.005254	20	PASS
			NV	50	0.00	0.000000	20	PASS
Ant1	5710		NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.005254	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.005254	20	PASS
			NV	50	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
Ant2	5710		NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	40000.00	7.005254	20	PASS
			NV	30	-40000.00	-7.005254	20	PASS
			NV	40	-40000.00	-7.005254	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.005254	20	PASS
			NV	0	-40000.00	-7.005254	20	PASS
			NV	10	-40000.00	-7.005254	20	PASS
			NV	20	-40000.00	-7.005254	20	PASS
Ant3	5710		NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.005254	20	PASS
			NV	-30	-40000.00	-6.950478	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-80000.00	13.900956	20	PASS
			NV	0	-40000.00	-6.950478	20	PASS
			NV	10	-40000.00	-6.950478	20	PASS
Ant1	5755		NV	-30	-40000.00	-6.950478	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-80000.00	13.900956	20	PASS
			NV	0	-40000.00	-6.950478	20	PASS
			NV	10	-40000.00	-6.950478	20	PASS

			NV	20	-40000.00	-6.950478	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-6.950478	20	PASS
	Ant2	5755	NV	50	-80000.00	13.900956	20	PASS
			NV	-30	-40000.00	-6.950478	20	PASS
			NV	-20	-40000.00	-6.950478	20	PASS
			NV	-10	-40000.00	-6.950478	20	PASS
			NV	0	-40000.00	-6.950478	20	PASS
			NV	10	-40000.00	-6.950478	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-6.950478	20	PASS
			NV	40	-40000.00	-6.950478	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant3	5755	NV	-30	-80000.00	13.900956	20	PASS
			NV	-20	-40000.00	-6.950478	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-6.950478	20	PASS
			NV	10	-40000.00	-6.950478	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	6.950478	20	PASS
			NV	50	-40000.00	-6.950478	20	PASS
	Ant1	5795	NV	-30	-40000.00	-6.902502	20	PASS
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-6.902502	20	PASS
			NV	10	-40000.00	-6.902502	20	PASS
			NV	20	-40000.00	-6.902502	20	PASS
			NV	30	-40000.00	-6.902502	20	PASS
			NV	40	-40000.00	-6.902502	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5795	NV	-30	-40000.00	-6.902502	20	PASS
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	-40000.00	-6.902502	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.00	-6.902502	20	PASS
			NV	20	-40000.00	-6.902502	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-6.902502	20	PASS
	Ant3	5795	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	-40000.00	-6.902502	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-6.902502	20	PASS
			NV	30	-80000.00	13.805004	20	PASS
			NV	40	-40000.00	-6.902502	20	PASS
			NV	50	-40000.00	-6.902502	20	PASS
11AX80 MIMO	Ant1	5210	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-80000.00	15.355086	20	PASS
	Ant2	5210	NV	-30	-80000.00	15.355086	20	PASS

			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-80000.00	-	20	PASS
			NV	30	80000.00	15.355086	20	PASS
			NV	40	-80000.00	-	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant3	5210	NV	-30	80000.00	15.355086	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-80000.00	-	20	PASS
			NV	0	-80000.00	-	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	-80000.00	-	20	PASS
			NV	50	80000.00	15.355086	20	PASS
	Ant1	5290	NV	-30	-80000.00	-	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-80000.00	-	20	PASS
			NV	30	-80000.00	-	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5290	NV	50	-80000.00	-	20	PASS
			NV	-30	-80000.00	-	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-80000.00	-	20	PASS
			NV	20	-80000.00	-	20	PASS
			NV	30	-80000.00	-	20	PASS
	Ant3	5290	NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	-80000.00	-	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant1	5530	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	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-	20	PASS
			NV	0	-80000.00	-	20	PASS

			NV	10	-80000.00	-	14.466546	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	-80000.00	-	14.466546	20	PASS
			NV	40	0.00	0.000000	0.000000	20	PASS
			NV	50	0.00	0.000000	0.000000	20	PASS
	Ant2	5530	NV	-30	-80000.00	-	14.466546	20	PASS
			NV	-20	-80000.00	-	14.466546	20	PASS
			NV	-10	-80000.00	-	14.466546	20	PASS
			NV	0	-80000.00	-	14.466546	20	PASS
			NV	10	0.00	0.000000	0.000000	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	-80000.00	-	14.466546	20	PASS
			NV	40	0.00	0.000000	0.000000	20	PASS
			NV	50	-80000.00	-	14.466546	20	PASS
			NV	-30	0.00	0.000000	0.000000	20	PASS
	Ant3	5530	NV	-20	0.00	0.000000	0.000000	20	PASS
			NV	-10	0.00	0.000000	0.000000	20	PASS
			NV	0	-80000.00	-	14.466546	20	PASS
			NV	10	-80000.00	-	14.466546	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	-80000.00	-	14.466546	20	PASS
			NV	40	-80000.00	-	14.466546	20	PASS
			NV	50	-80000.00	-	14.466546	20	PASS
			NV	-30	0.00	0.000000	0.000000	20	PASS
	Ant1	5610	NV	-20	-80000.00	-	14.260250	20	PASS
			NV	-10	0.00	0.000000	0.000000	20	PASS
			NV	0	-80000.00	-	14.260250	20	PASS
			NV	10	-80000.00	-	14.260250	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	-80000.00	-	14.260250	20	PASS
			NV	40	0.00	0.000000	0.000000	20	PASS
			NV	50	-80000.00	-	14.260250	20	PASS
			NV	-30	-80000.00	-	14.260250	20	PASS
	Ant2	5610	NV	-20	-80000.00	-	14.260250	20	PASS
			NV	-10	-80000.00	-	14.260250	20	PASS
			NV	0	0.00	0.000000	0.000000	20	PASS
			NV	10	0.00	0.000000	0.000000	20	PASS
			NV	20	0.00	0.000000	0.000000	20	PASS
			NV	30	-80000.00	-	14.260250	20	PASS
			NV	40	0.00	0.000000	0.000000	20	PASS
			NV	50	-80000.00	-	14.260250	20	PASS
			NV	-30	-80000.00	-	14.260250	20	PASS
	Ant3	5610	NV	-30	-80000.00	-	-	20	PASS

						14.260250		
			NV	-20	-80000.00	-	20	PASS
						14.260250		
			NV	-10	-80000.00	-	20	PASS
						14.260250		
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-80000.00	-	20	PASS
	Ant1	5690				14.260250		
			NV	40	-80000.00	-	20	PASS
						14.260250		
			NV	50	0.00	0.000000	20	PASS
			NV	-30	-80000.00	-	20	PASS
						14.059754		
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant2	5690	NV	10	-80000.00	-	20	PASS
						14.059754		
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-80000.00	-	20	PASS
						14.059754		
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
	Ant3	5690	NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-	20	PASS
						14.059754		
			NV	10	-80000.00	-	20	PASS
						14.059754		
			NV	20	-80000.00	-	20	PASS
						14.059754		
			NV	30	-80000.00	-	20	PASS
						14.059754		
	Ant1	5775	NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-80000.00	-	20	PASS
						14.059754		
			NV	0	-80000.00	-	20	PASS
						14.059754		
			NV	10	-80000.00	-	20	PASS
	Ant1	5775				14.059754		
			NV	20	-80000.00	-	20	PASS
						14.059754		
			NV	30	-80000.00	-	20	PASS
						14.059754		
			NV	40	-80000.00	-	20	PASS
						14.059754		
	Ant1	5775	NV	50	0.00	0.000000	20	PASS
			NV	-30	-80000.00	-	20	PASS
						13.852814		
			NV	-20	-80000.00	-	20	PASS
						13.852814		
			NV	-10	-80000.00	-	20	PASS
						13.852814		
	Ant1	5775	NV	0	-80000.00	-	20	PASS
						13.852814		
			NV	10	-80000.00	-	20	PASS
						13.852814		
			NV	20	0.00	0.000000	20	PASS
						13.852814		
			NV	30	-80000.00	-	20	PASS

						13.852814		
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5775	NV	-30	-80000.00	-	20	PASS
			NV	-20	-80000.00	13.852814	20	PASS
			NV	-10	-80000.00	-	20	PASS
			NV	0	0.00	13.852814	20	PASS
			NV	10	-80000.00	0.000000	20	PASS
			NV	20	-80000.00	-	20	PASS
			NV	30	-80000.00	13.852814	20	PASS
			NV	40	-80000.00	-	20	PASS
			NV	50	-80000.00	13.852814	20	PASS
	Ant3	5775	NV	-30	-80000.00	-	20	PASS
			NV	-20	-80000.00	13.852814	20	PASS
			NV	-10	0.00	-	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-80000.00	13.852814	20	PASS
			NV	20	-80000.00	-	20	PASS
			NV	30	-80000.00	13.852814	20	PASS
			NV	40	-80000.00	-	20	PASS
11AX160 MIMO	Ant1	5250	NV	-30	0.00	-	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant2	5250	NV	50	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	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant3	5250	NV	40	0.00	0.000000	20	PASS
			NV	50	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	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant1	5570	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	-30	0.00	0.000000	20	PASS

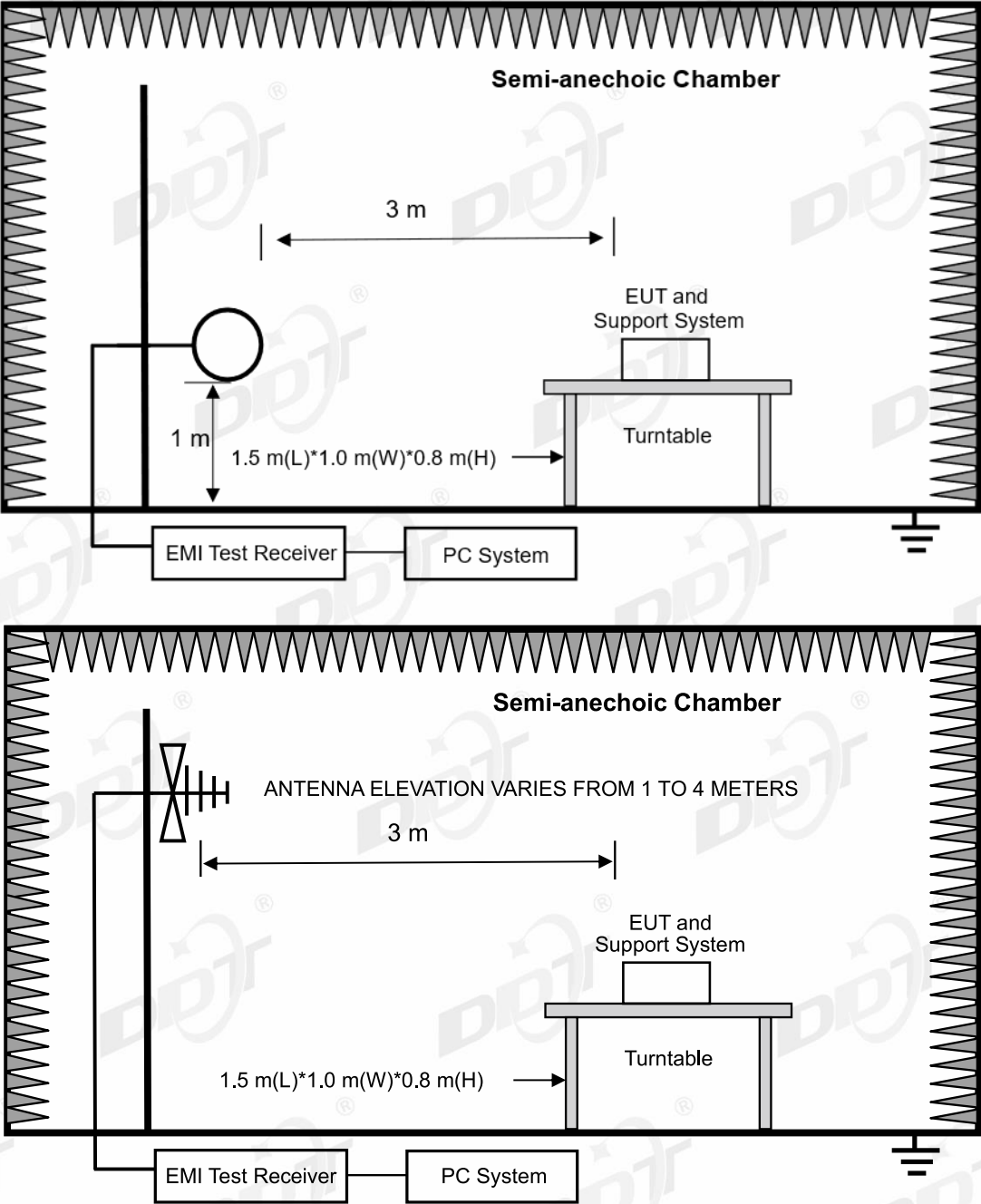
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5570	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant3	5570	NV	50	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	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS

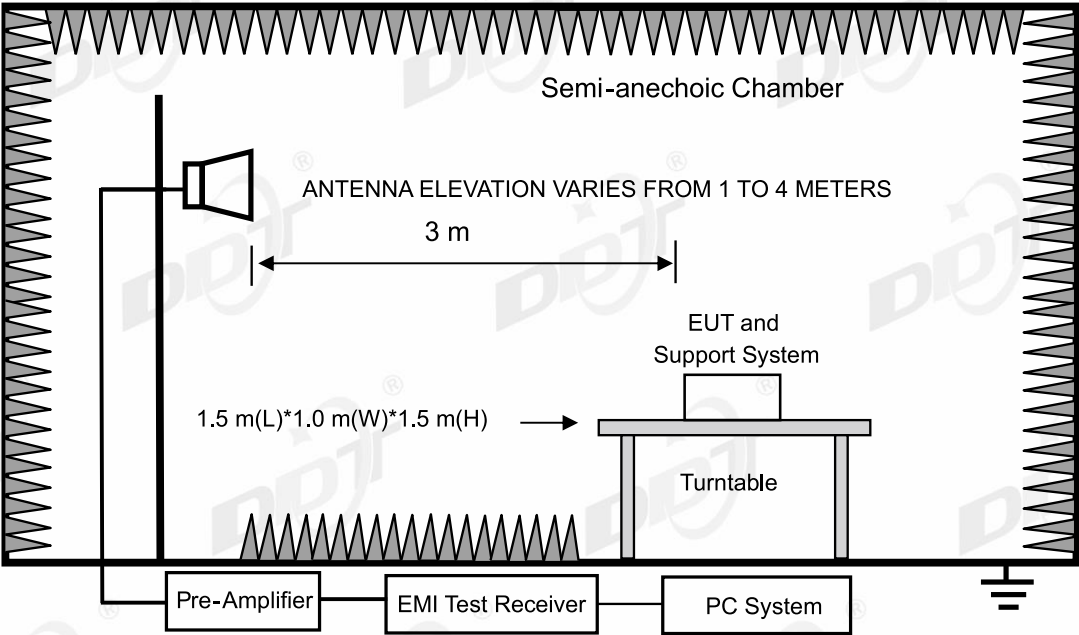
11. Radiated Emission

11.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2024/07/14
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/04/01
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/10
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/17
ELECTRIC AND MAGNETIC FIELD ANALYZER	Narda	EHP-200A	DDT-ZC01401	2024/09/20
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2024/07/11
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/04/01
RF cable	Yuhu Technology	ZT26S-SMAJ- SMAJ-1M	DDT-ZC02037	2025/04/01
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/25
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ- 1.5M	DDT-ZC02762	2025/04/01
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/23
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/04/01
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/23
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/23
RF cable	Yuhu Technology	JCTB810-NJ-NJ- 9M	DDT-ZC02538	2025/04/01
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/04/01
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/04/01

11.2. Block diagram of test setup





11.3. 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
¹ 0.495-0.505	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
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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	
				mV/m	dB(mV)/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 dB(mV)/m (Peak) 54.0 dB(mV)/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:

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

(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.

11.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
POE Power Supply	DONGGUAN SHILONG FUHUA ELECTRONIC CO.,LTD.	POE35-54A	INPUT:100-240V~ 50/60Hz OUTPUT:DC 54.0V/0.65A	/

11.5. 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 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 C63.10:2013 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
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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.

11.6. Test result

PASS. (See below detailed test result)

All the emissions except fundamental emission from 9 kHz to 25 GHz were comply with 15.209 limits and RSS-Gen section 8.9 limits.

Note1: According exploratory test no any obvious emission was 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.

Note2: 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 EUT working in 802.11ax20 mode.

Note3: For emissions above 1 GHz. If peak results comply with AV limit, AV Result is deemed to comply with AV limit. And the 2.4G+ 5G+6G WIFI is the worst simultaneous case and reported.