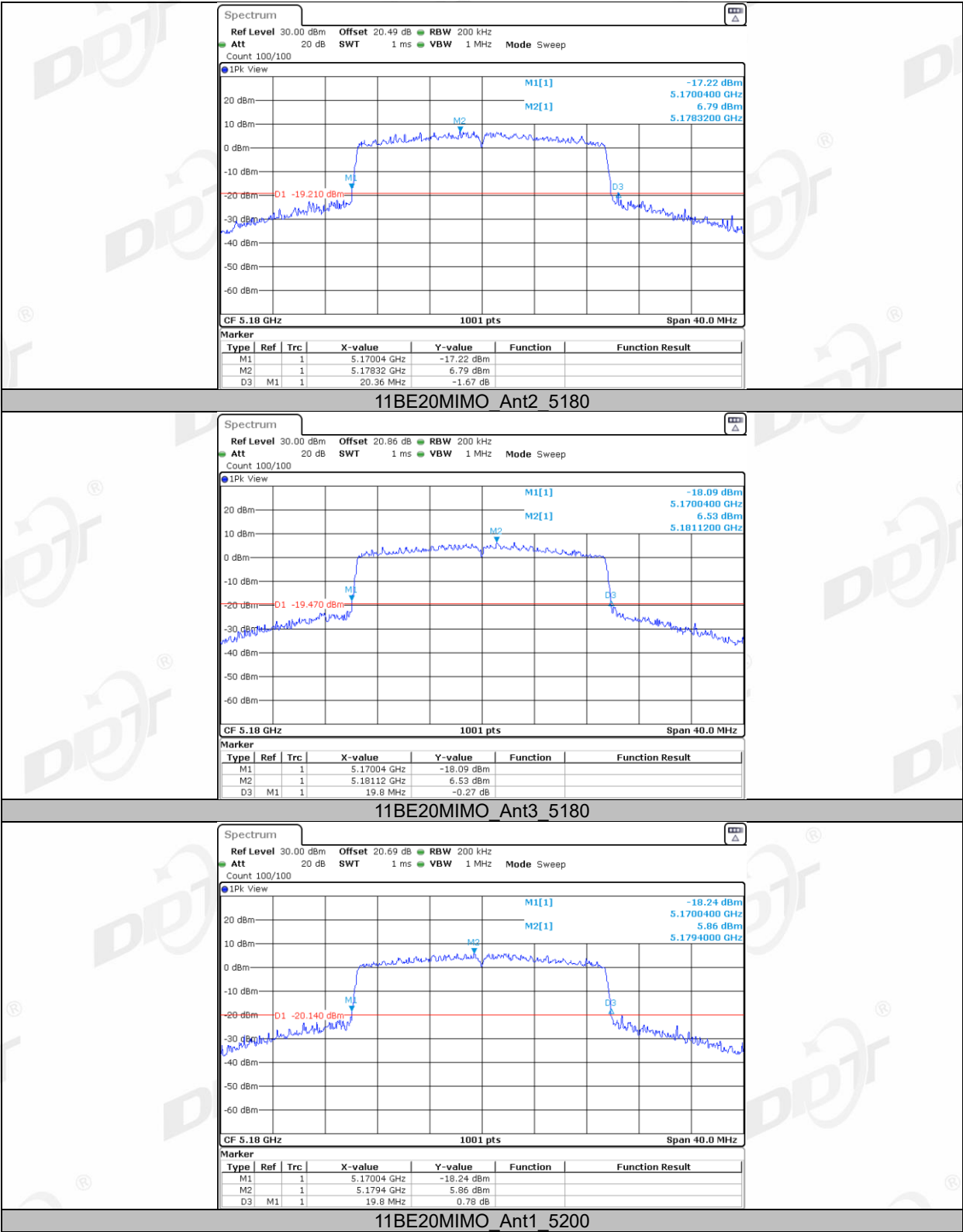
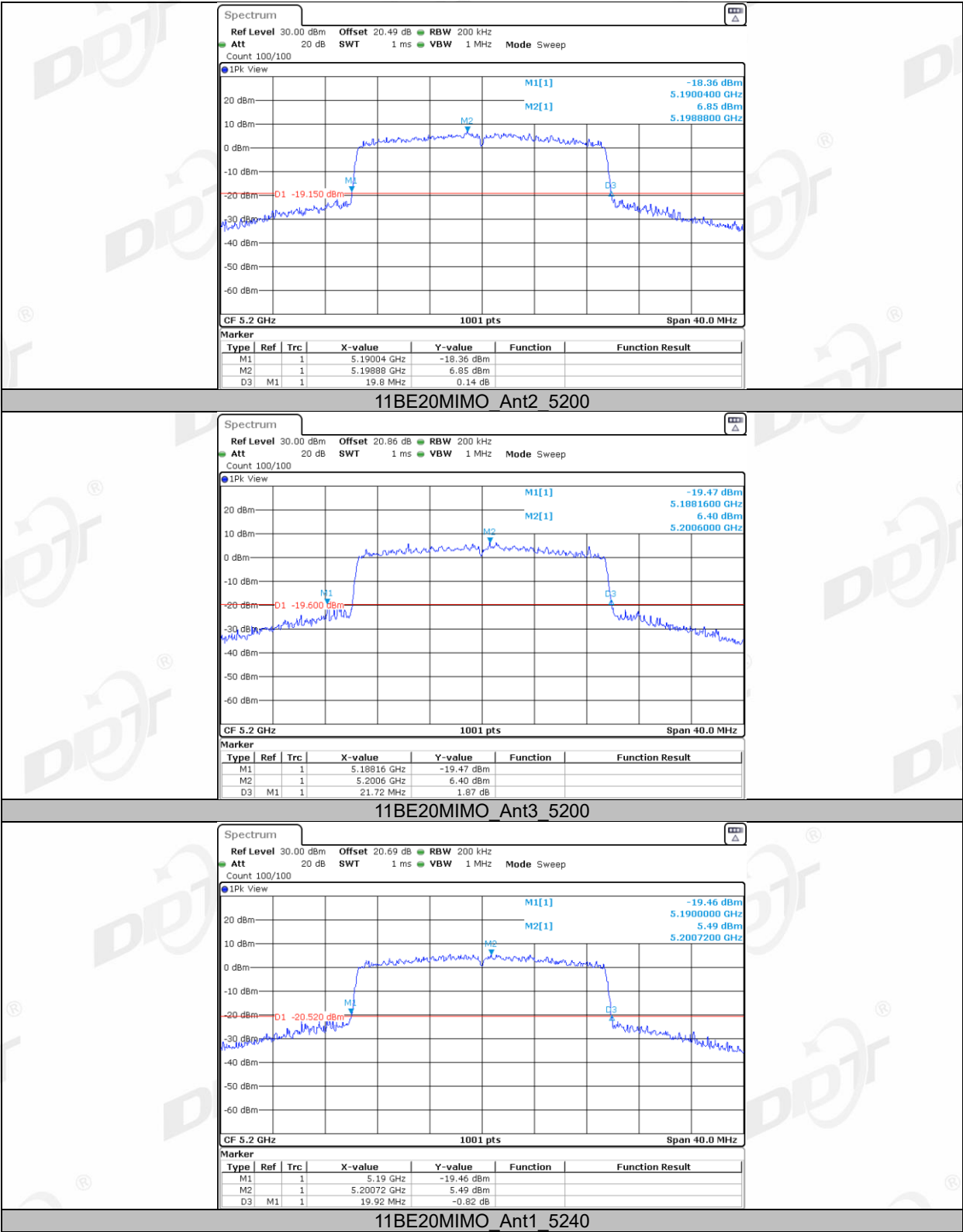
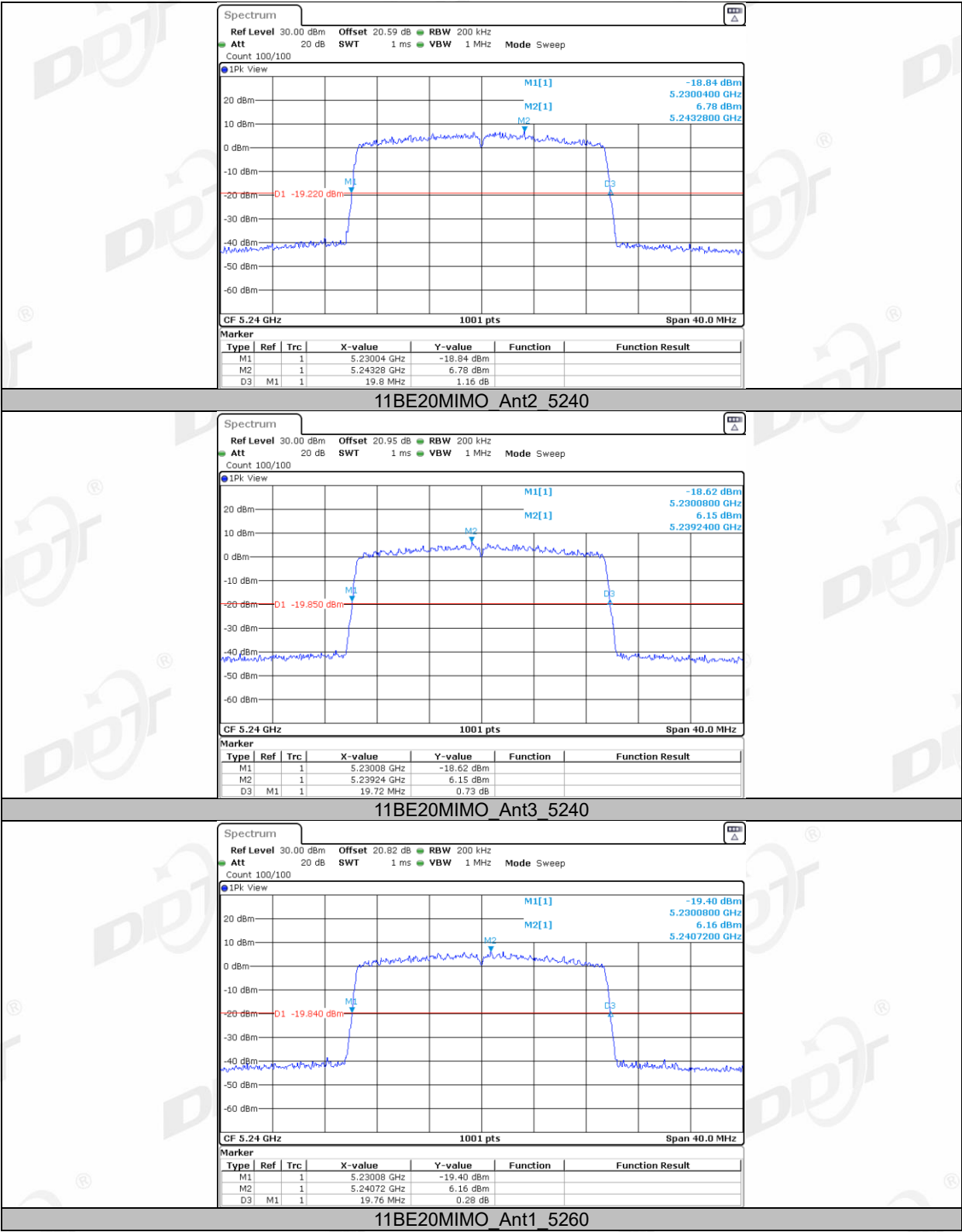
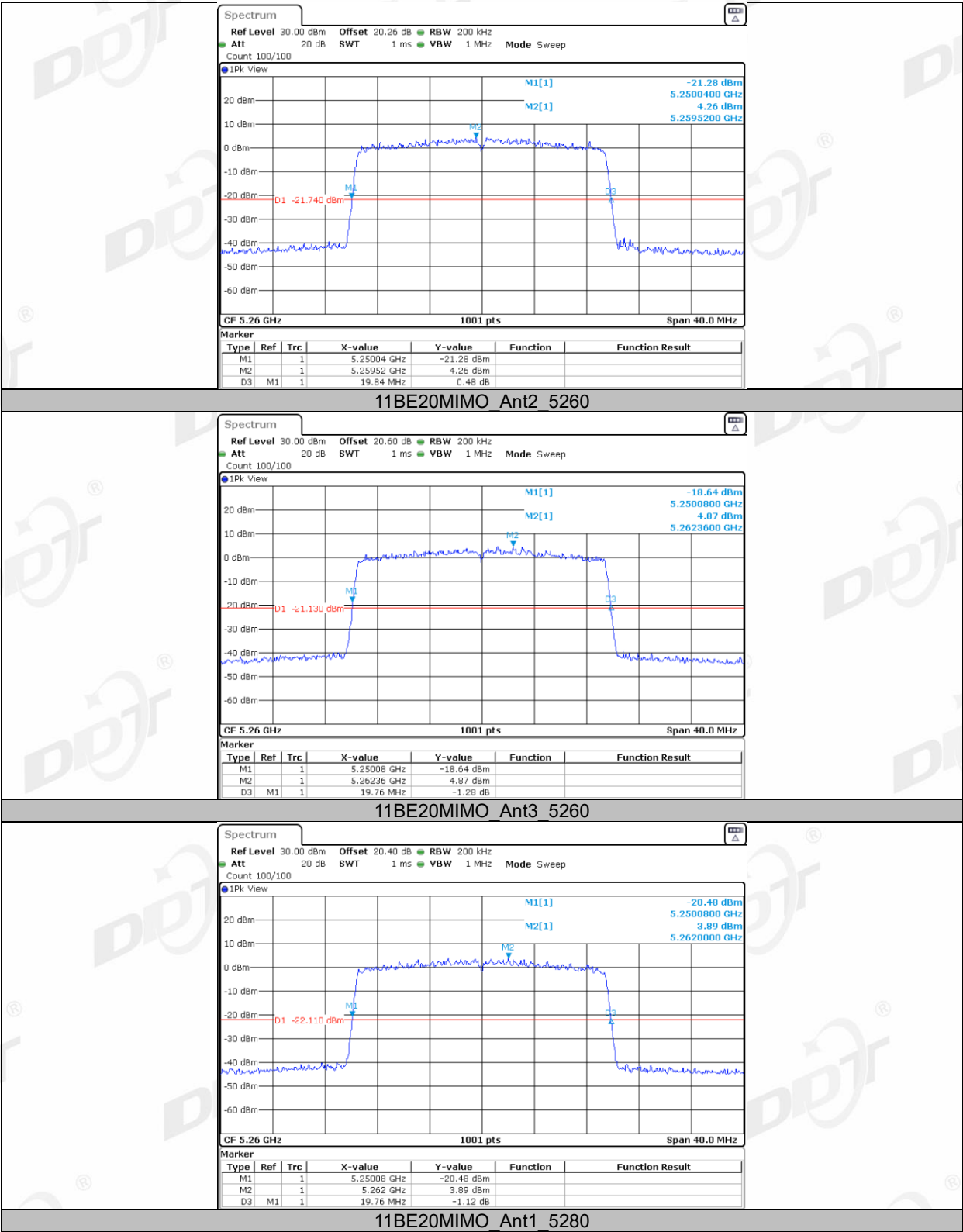
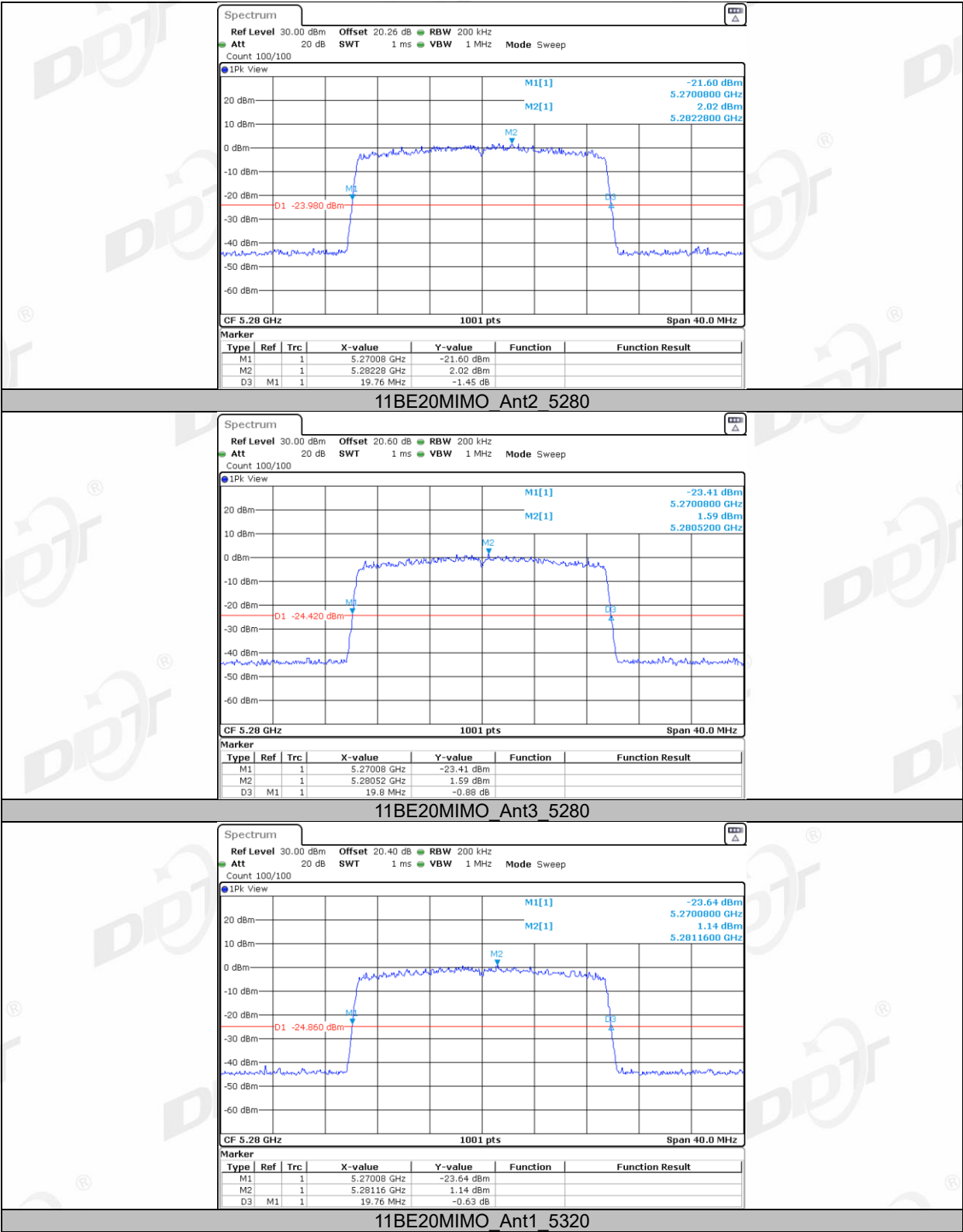


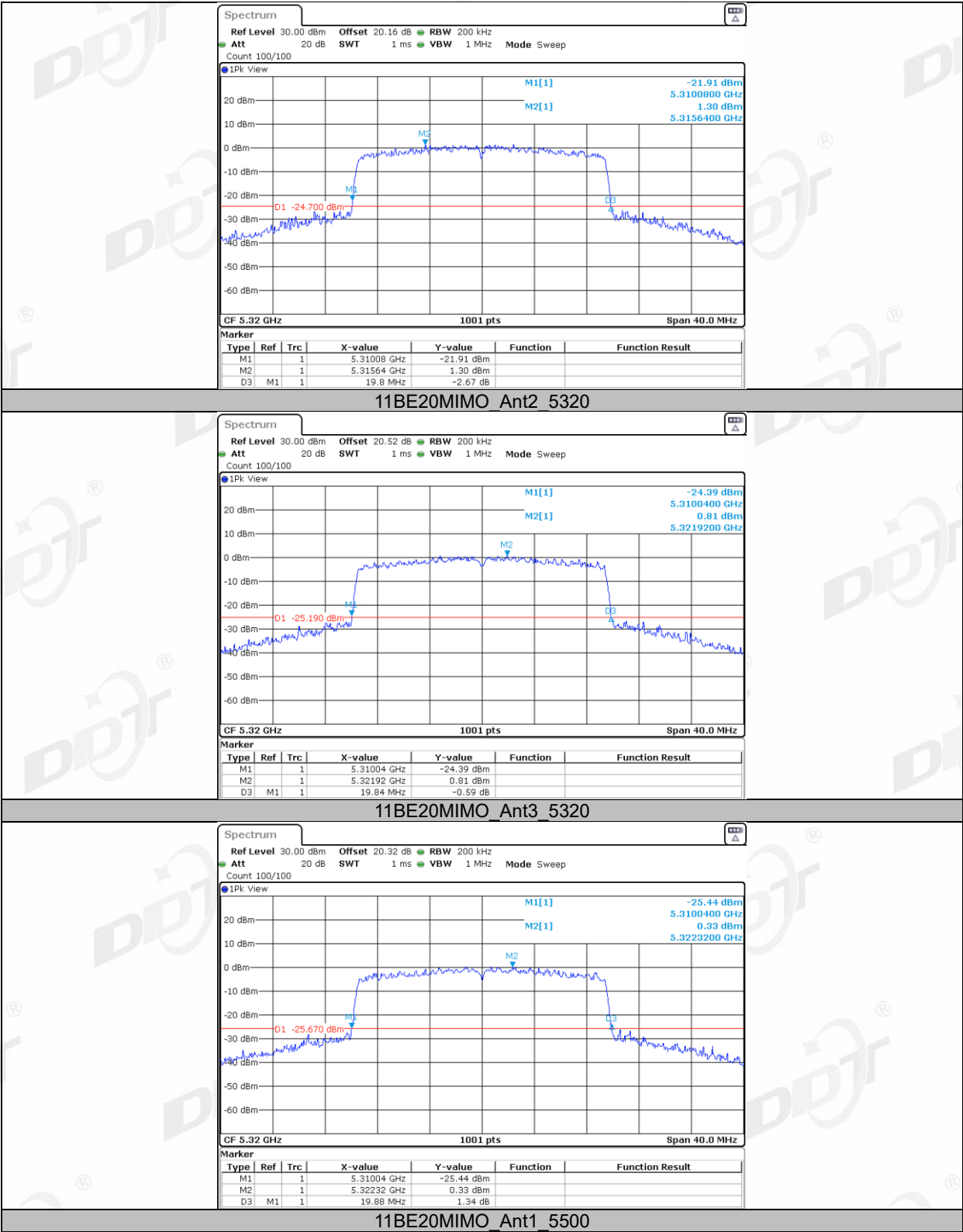


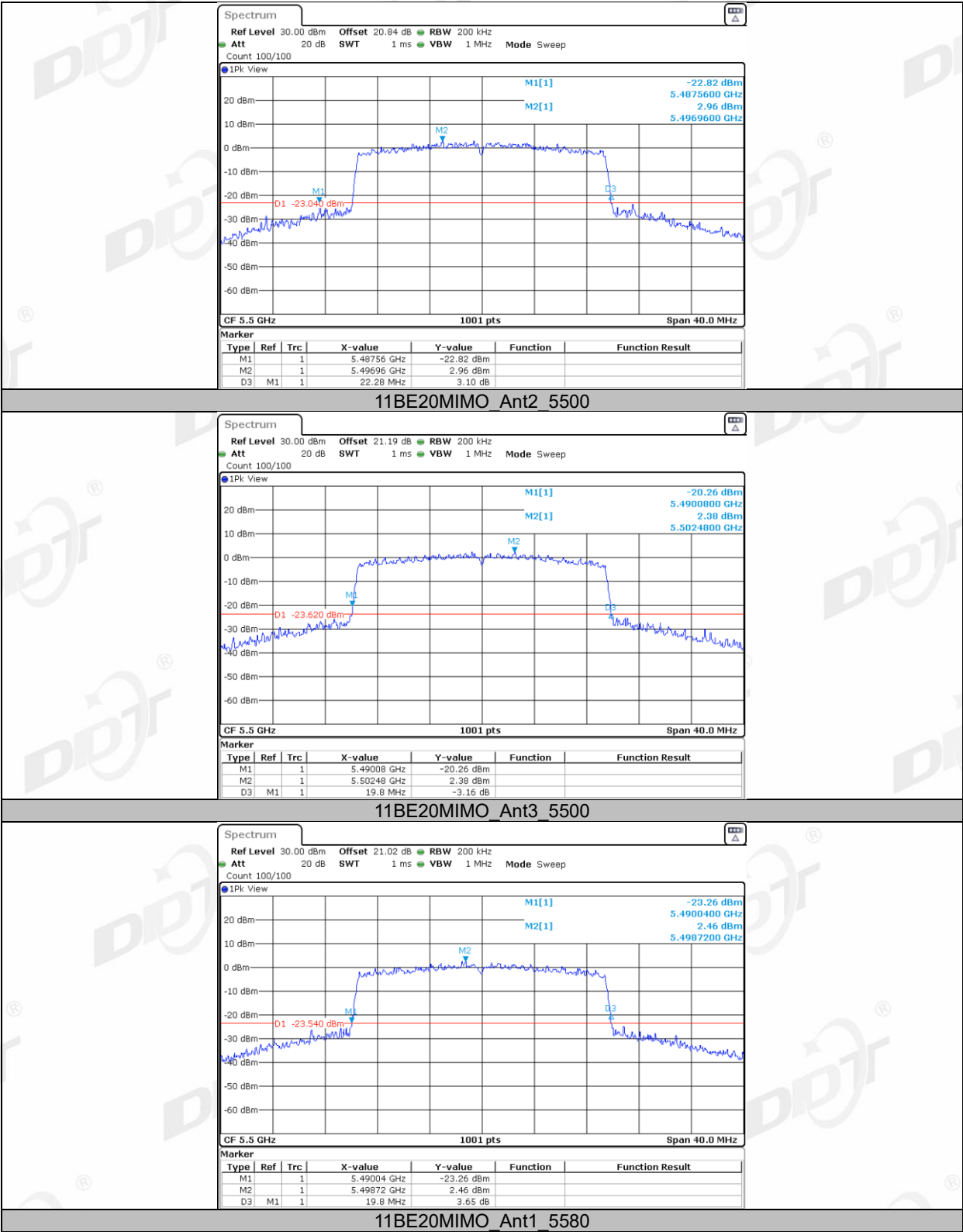


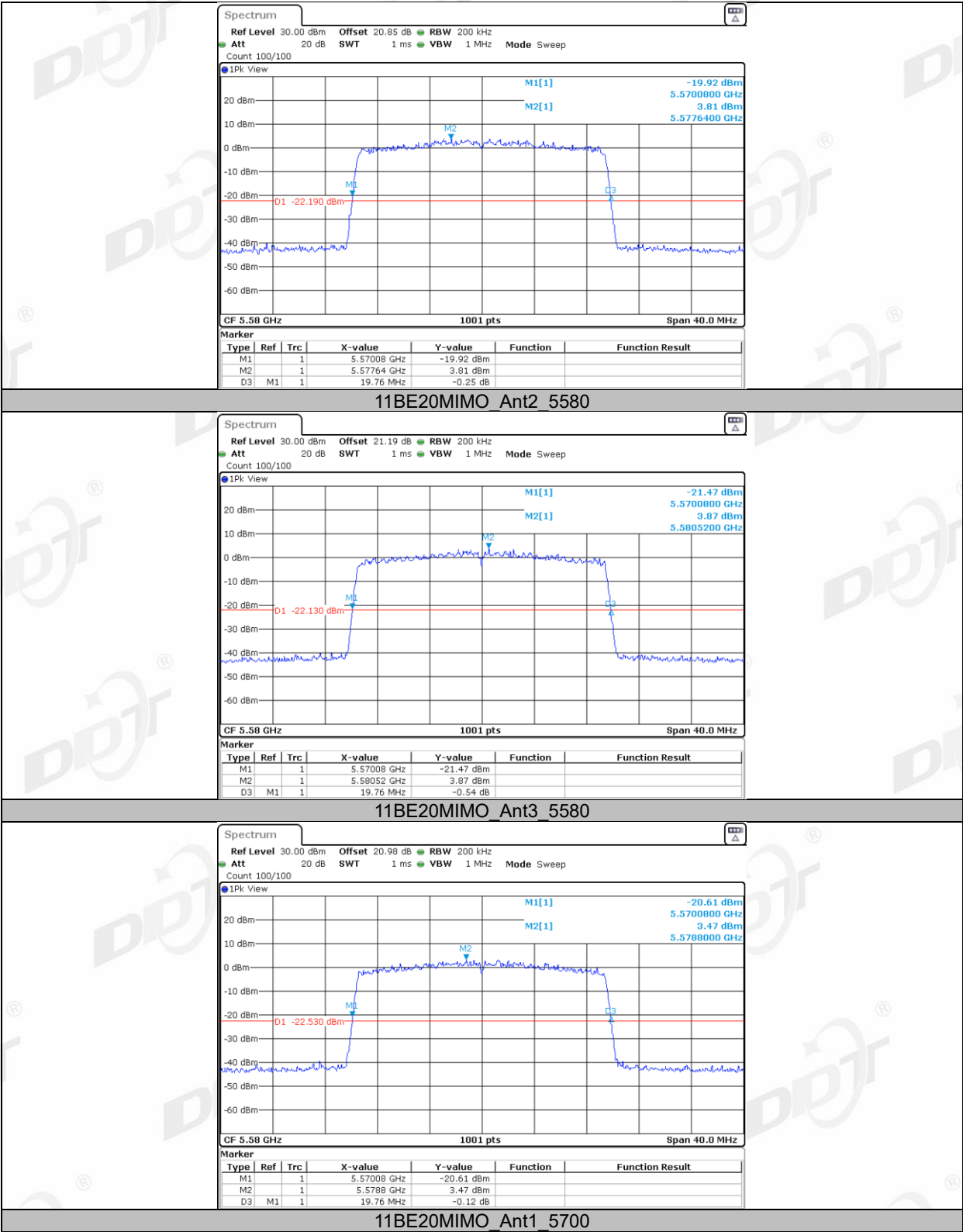


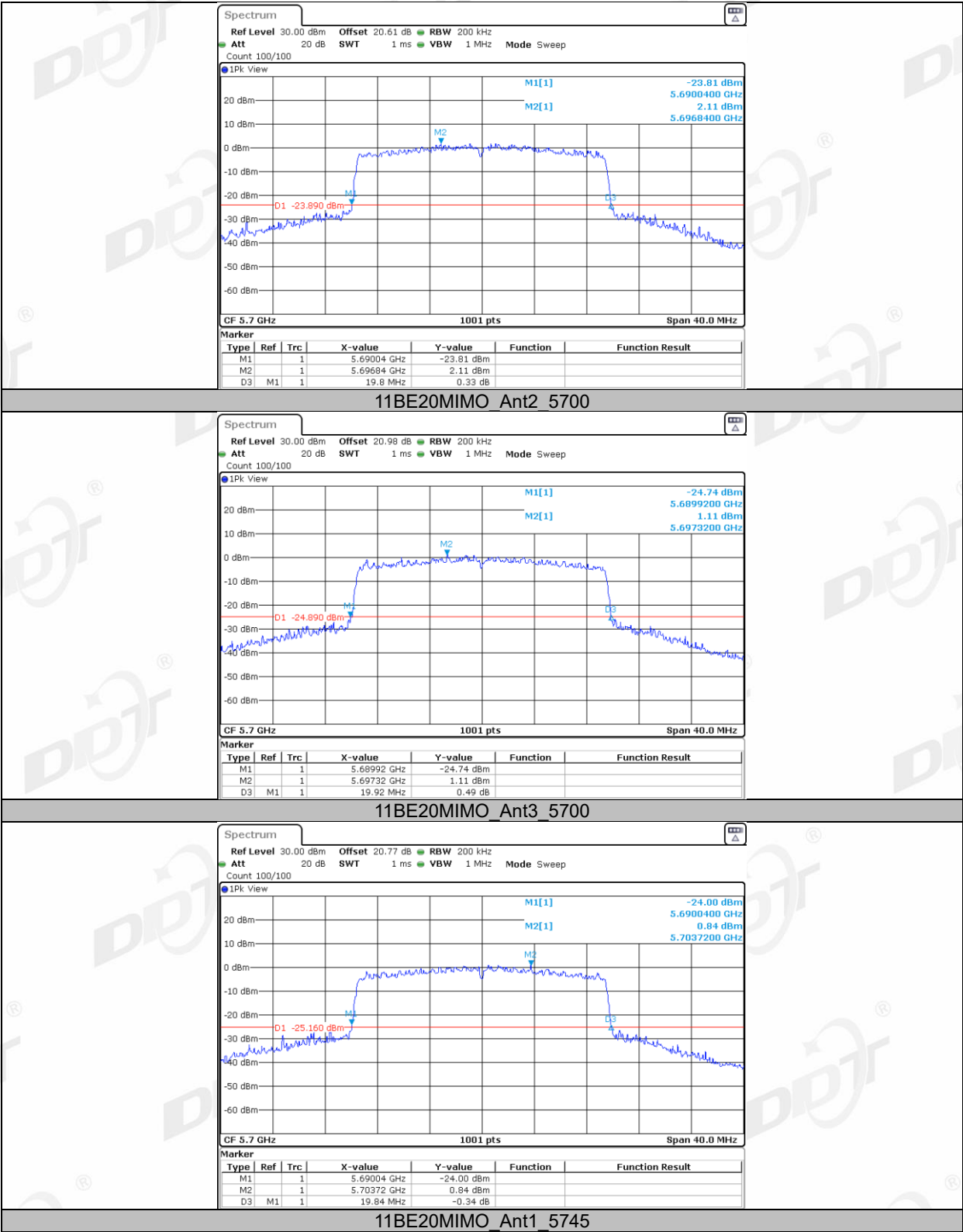


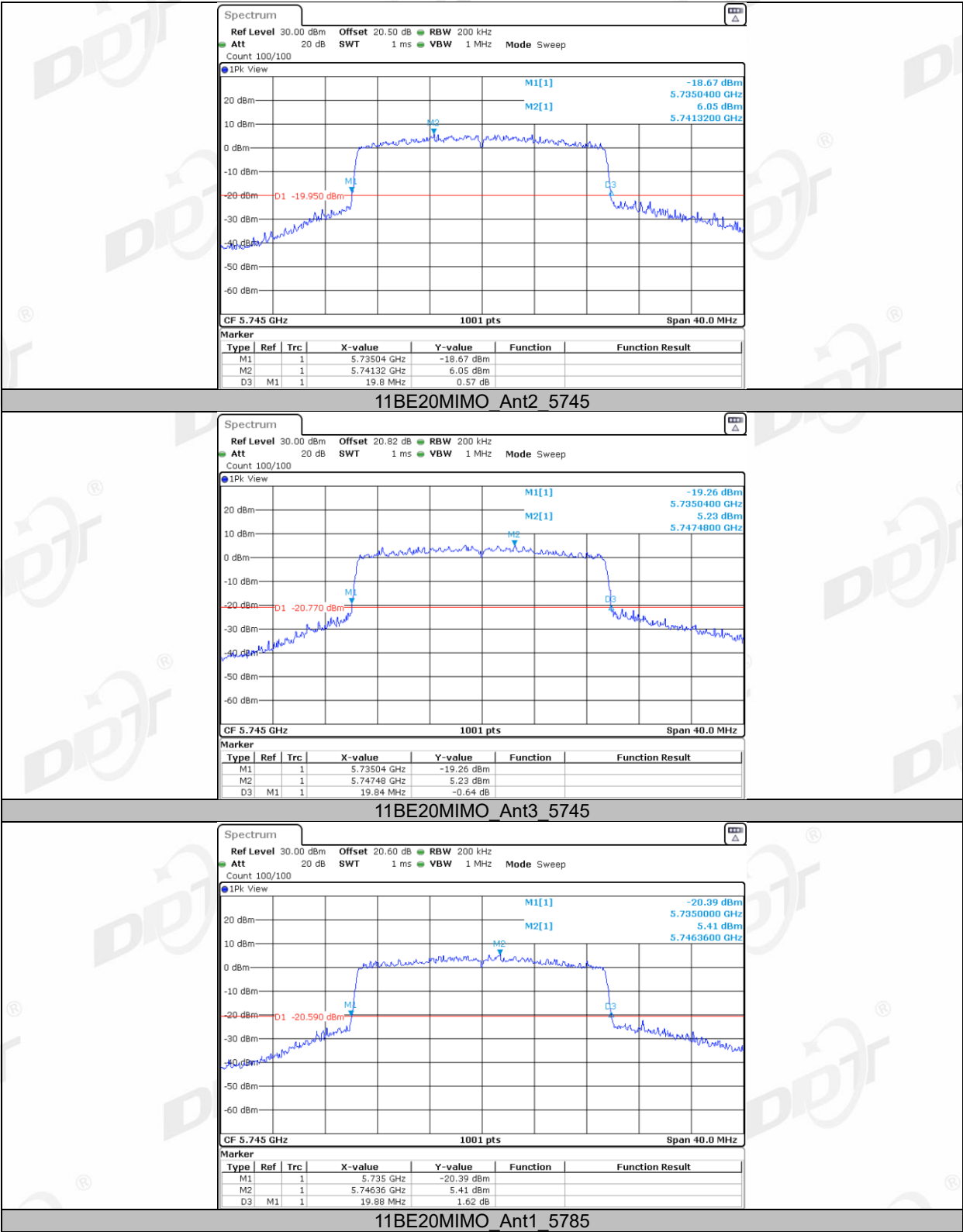


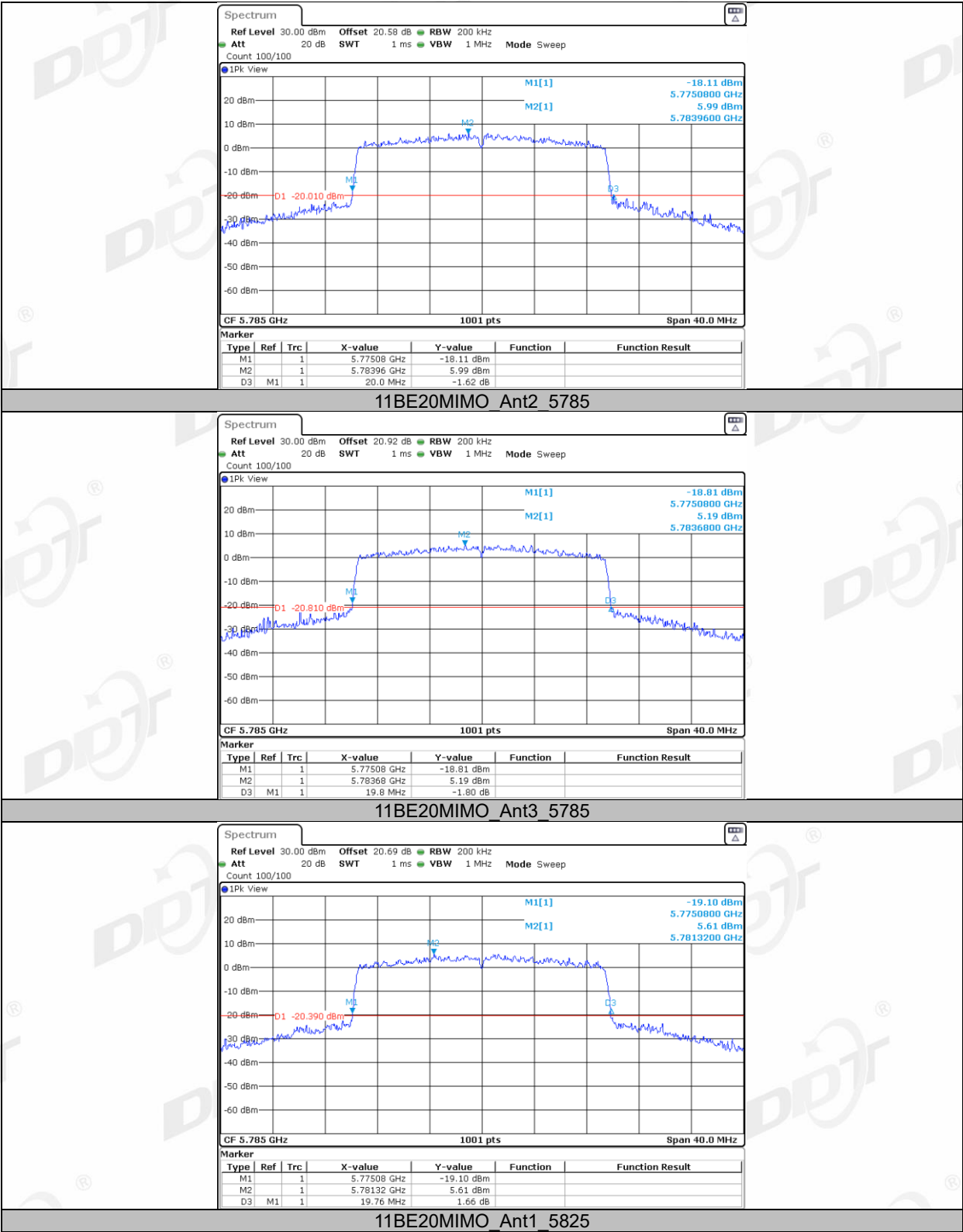


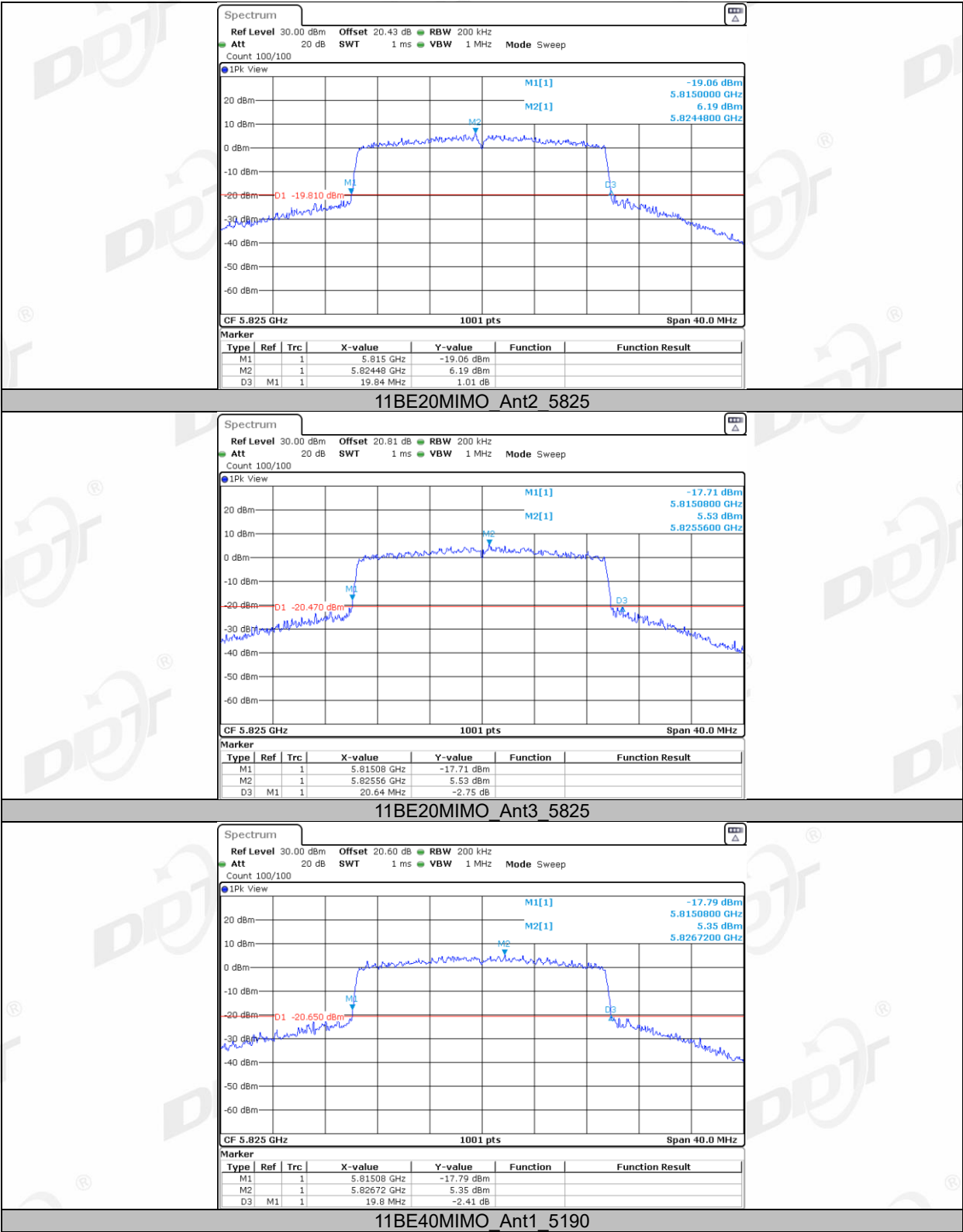


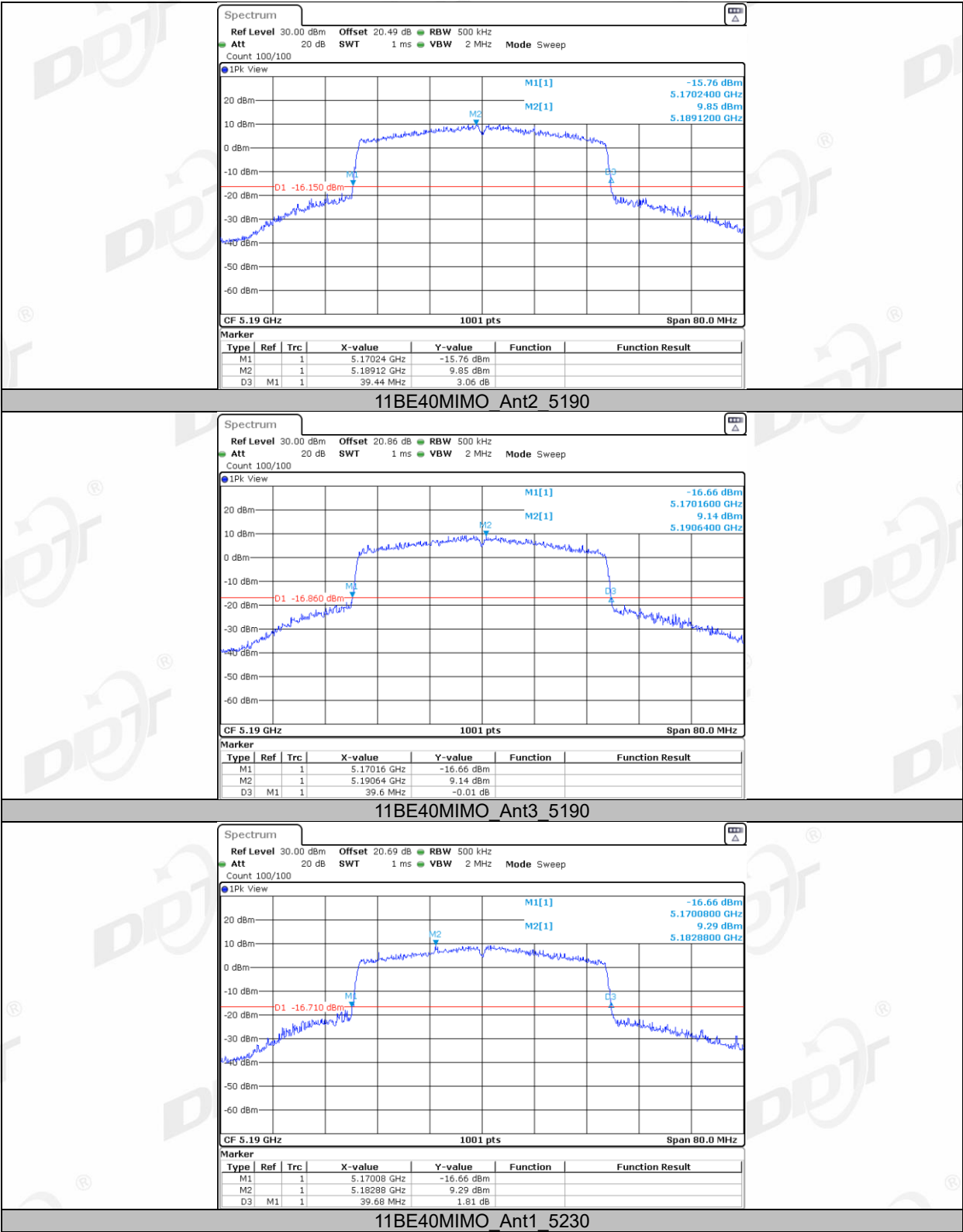


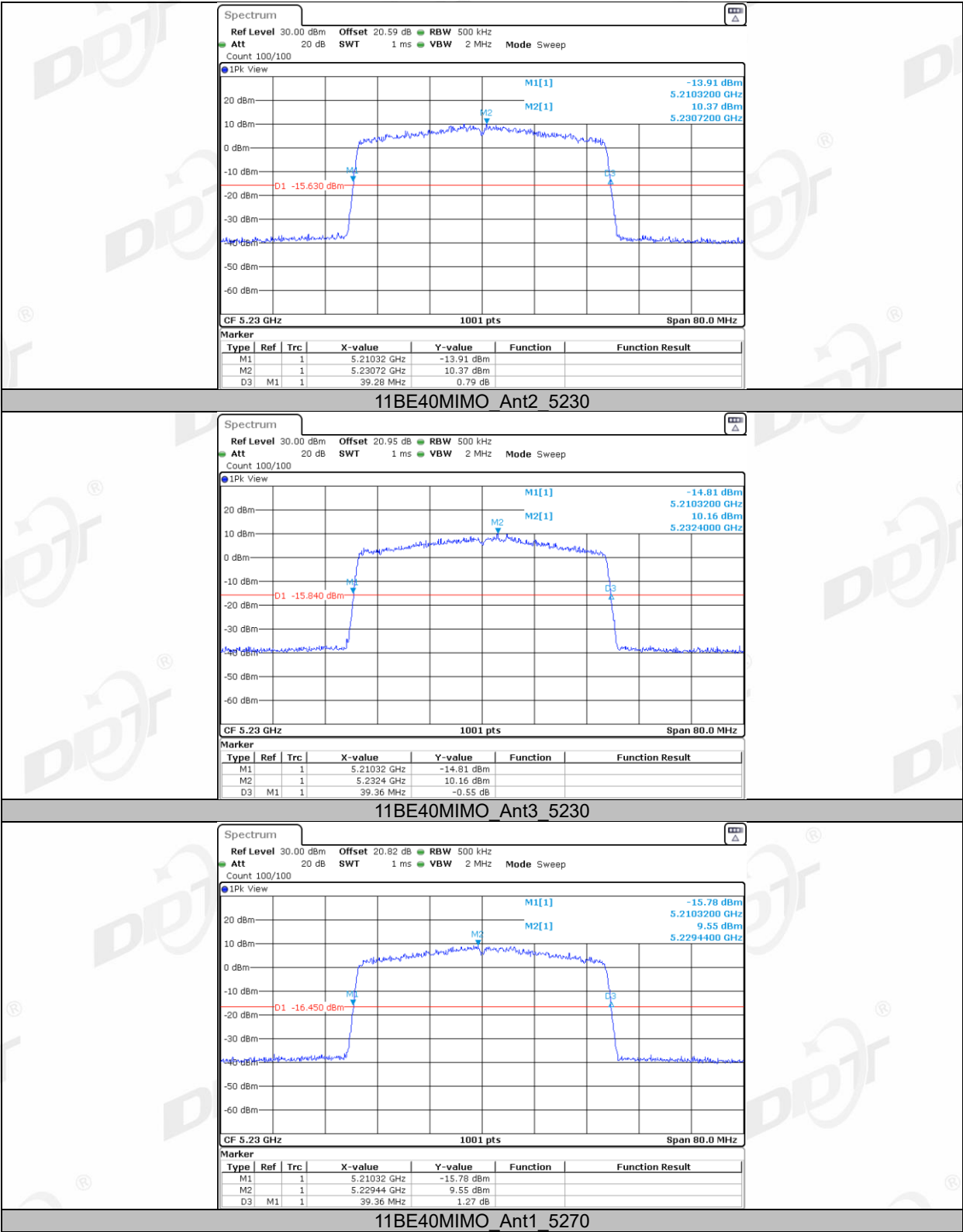


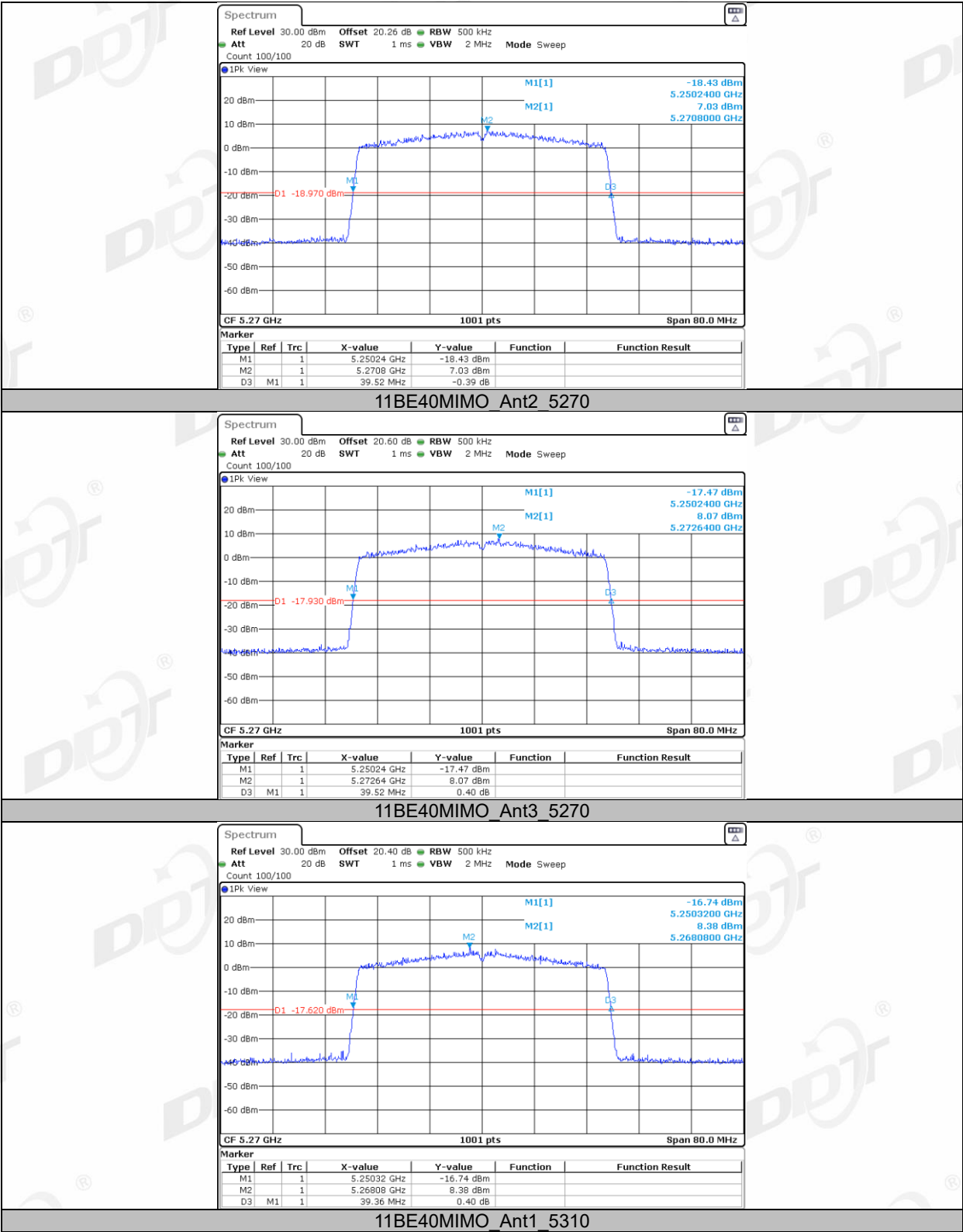


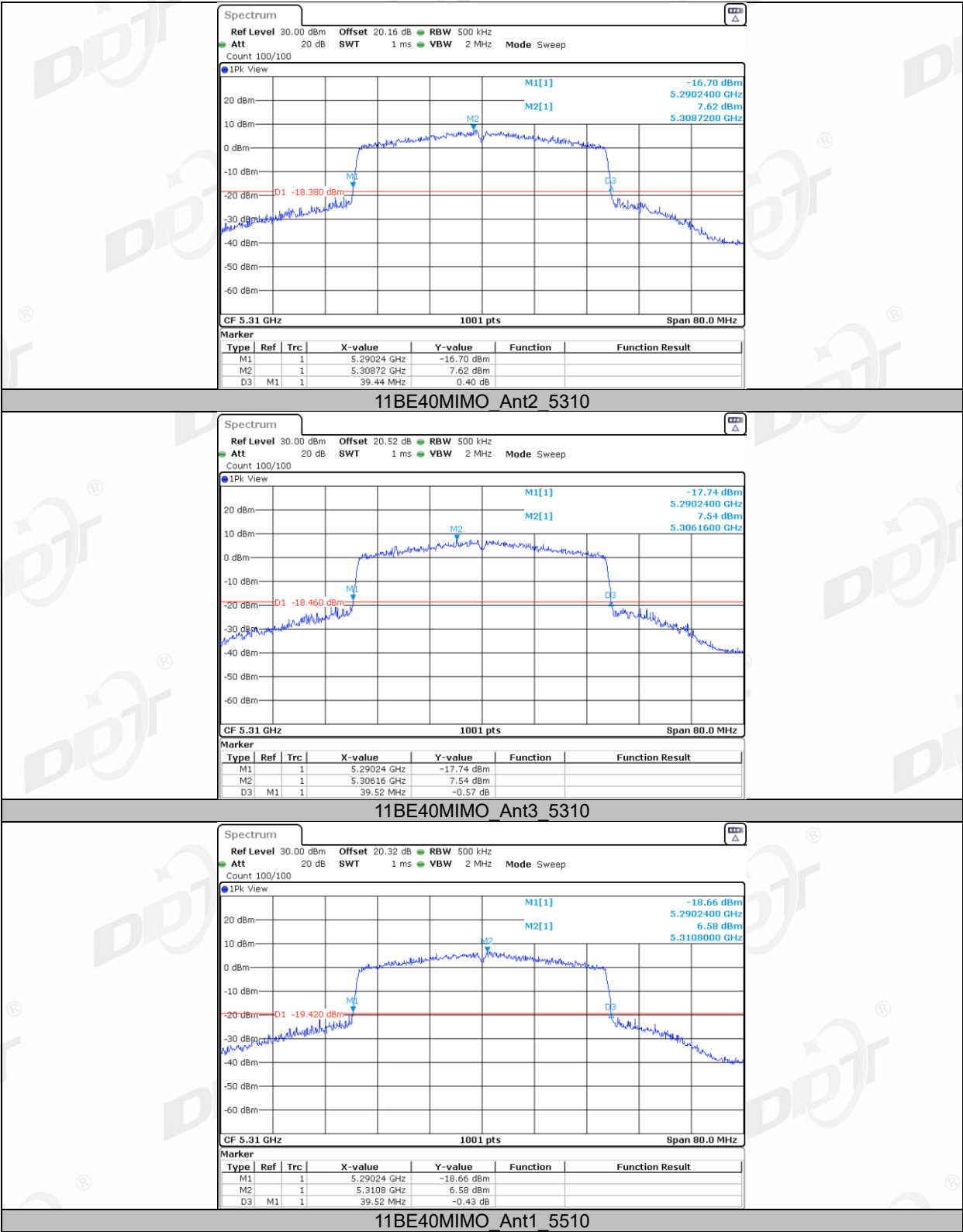


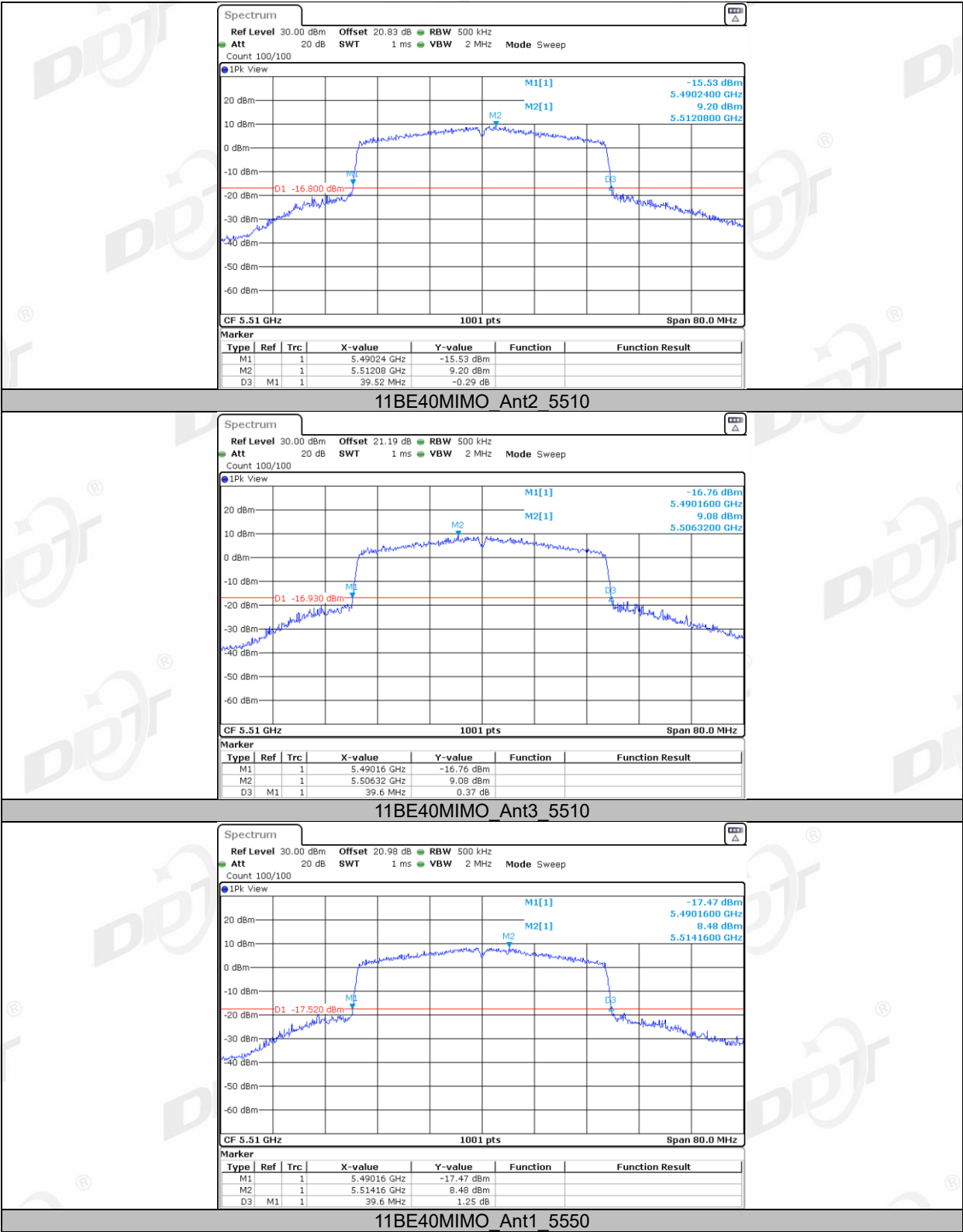


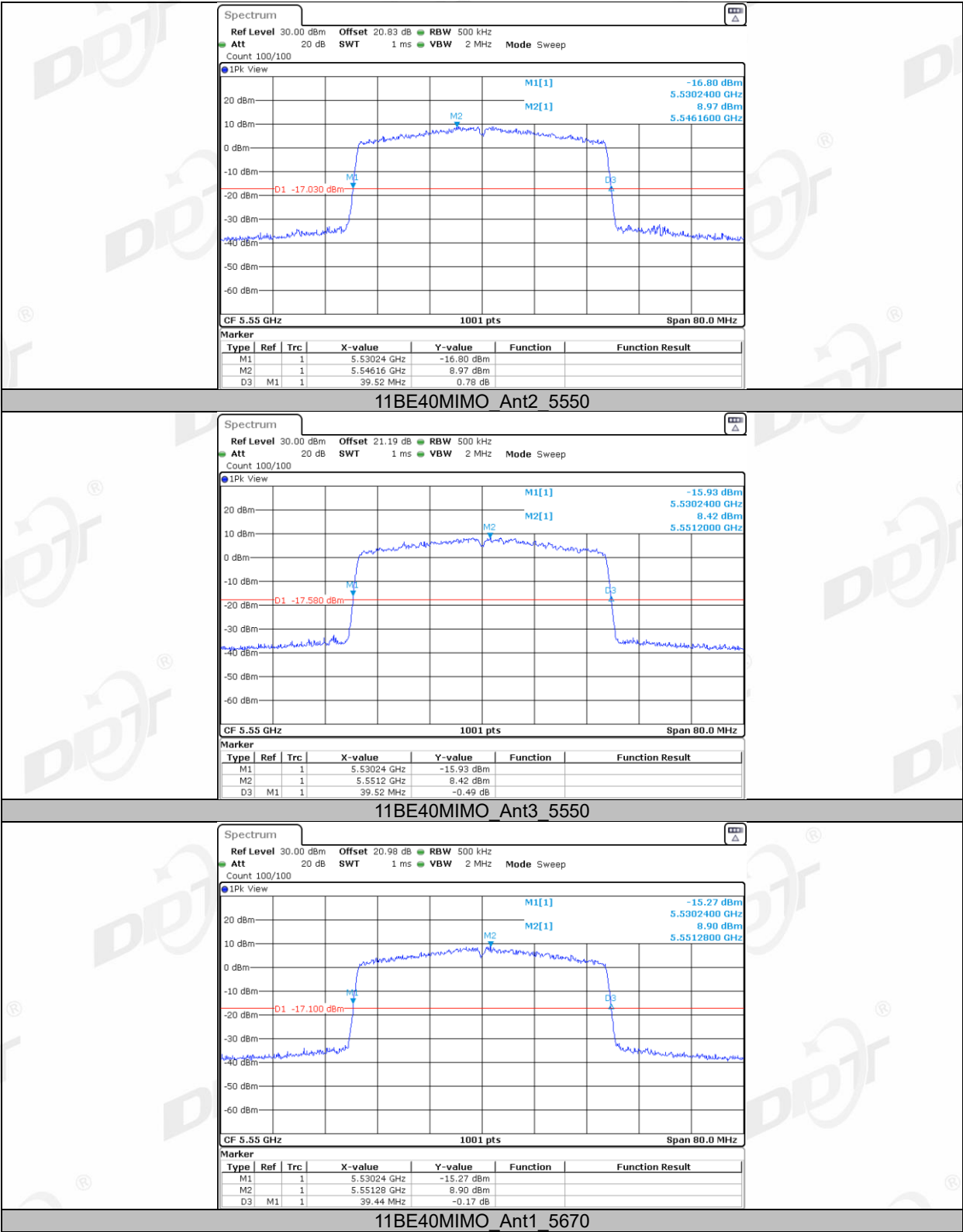


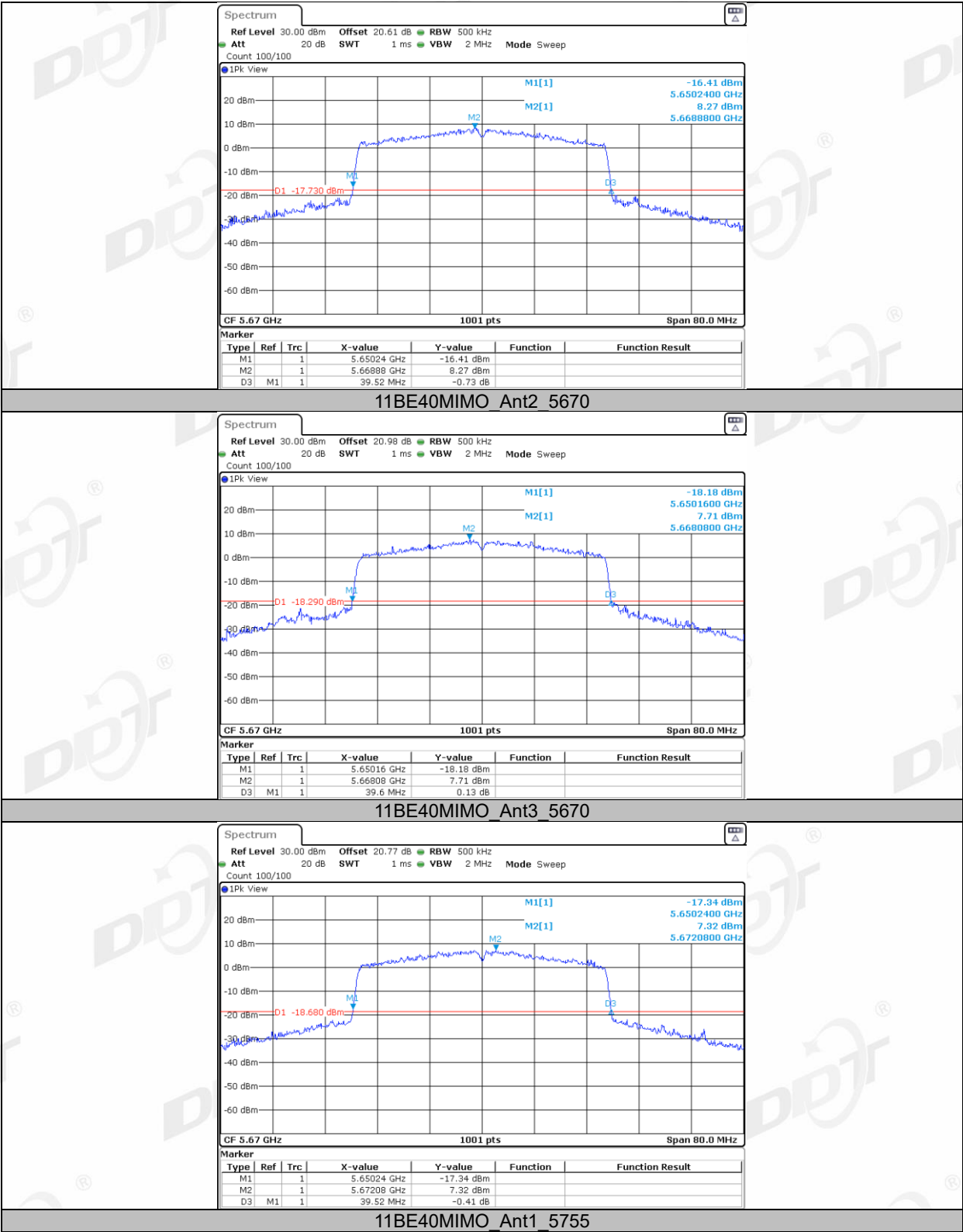


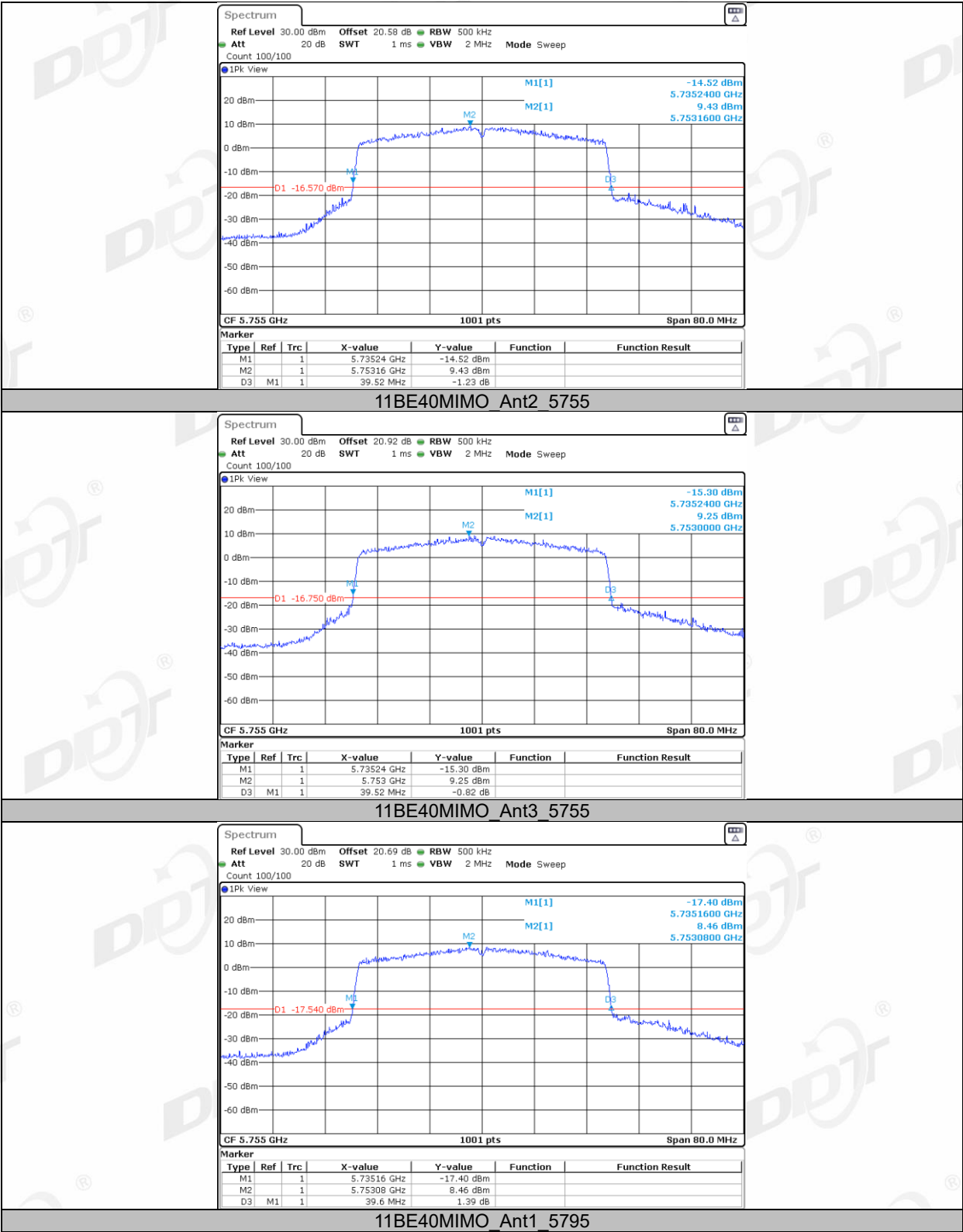


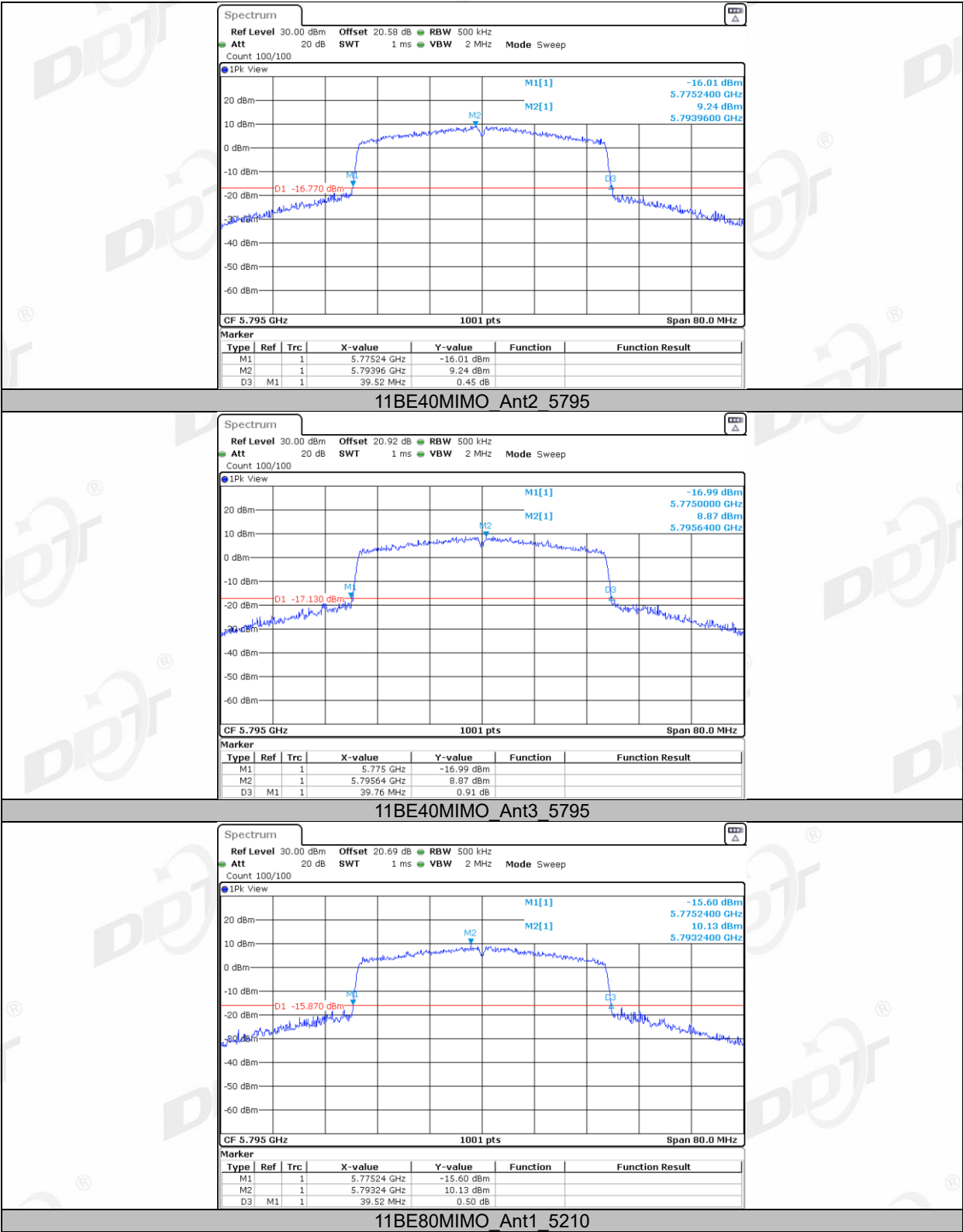


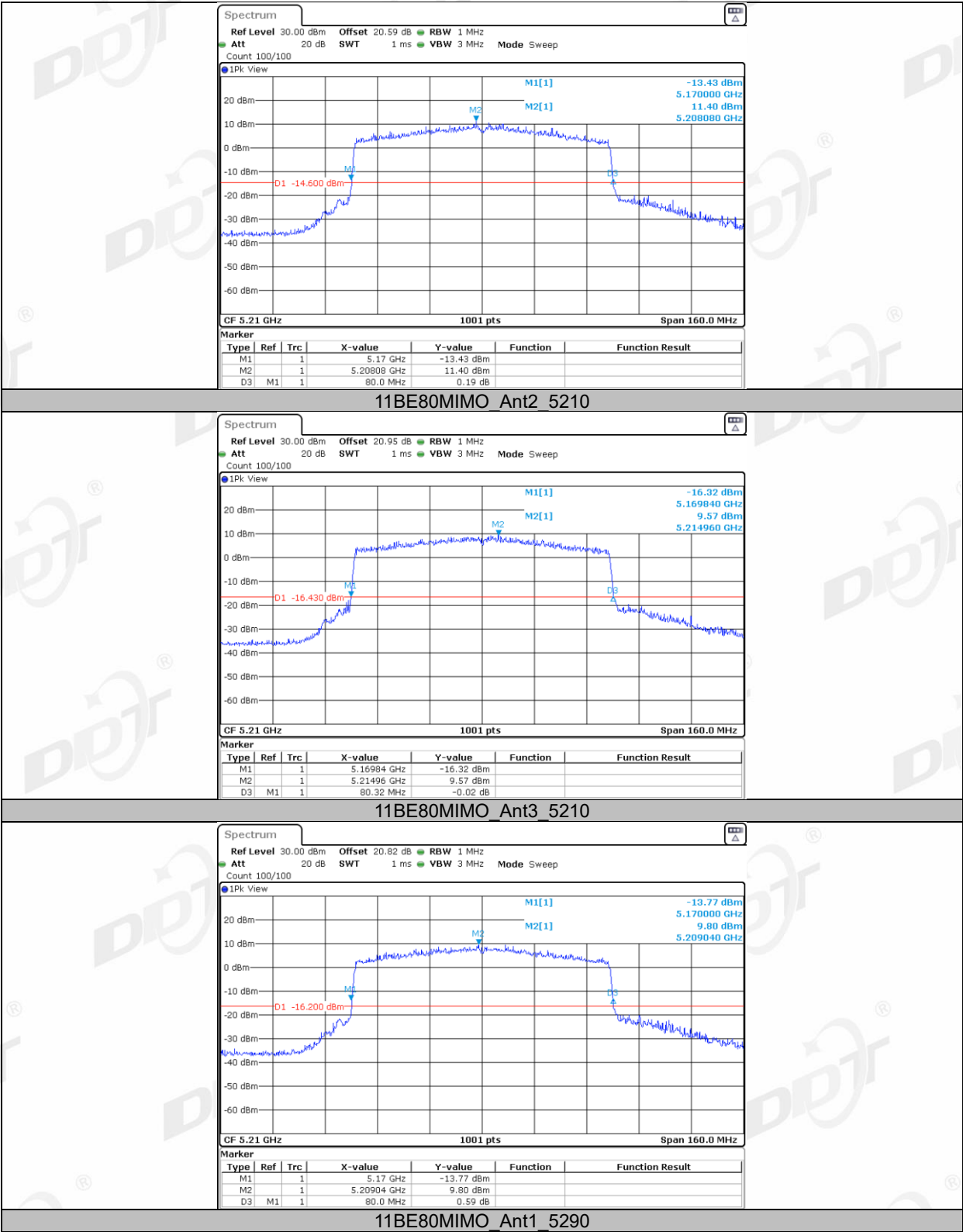


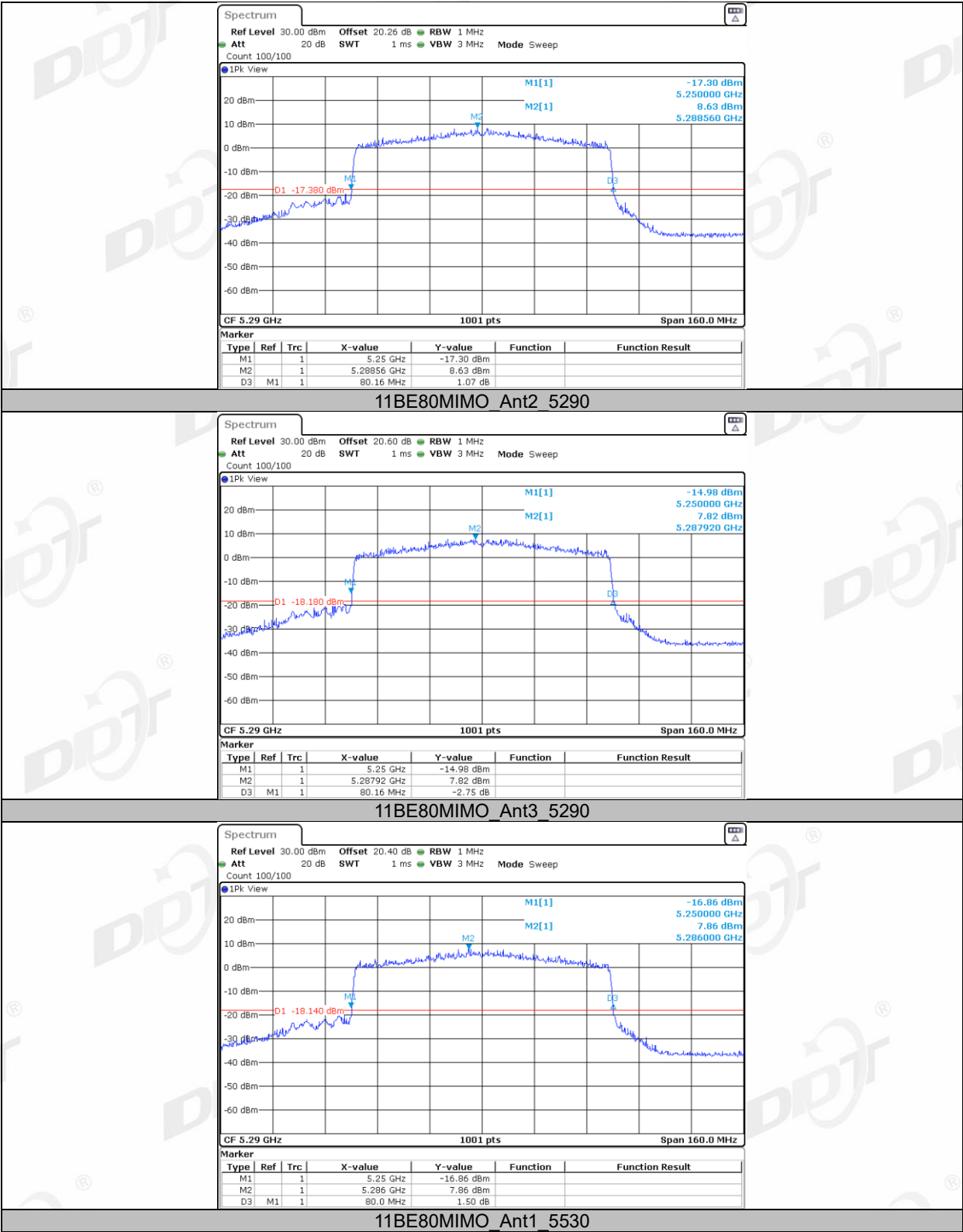


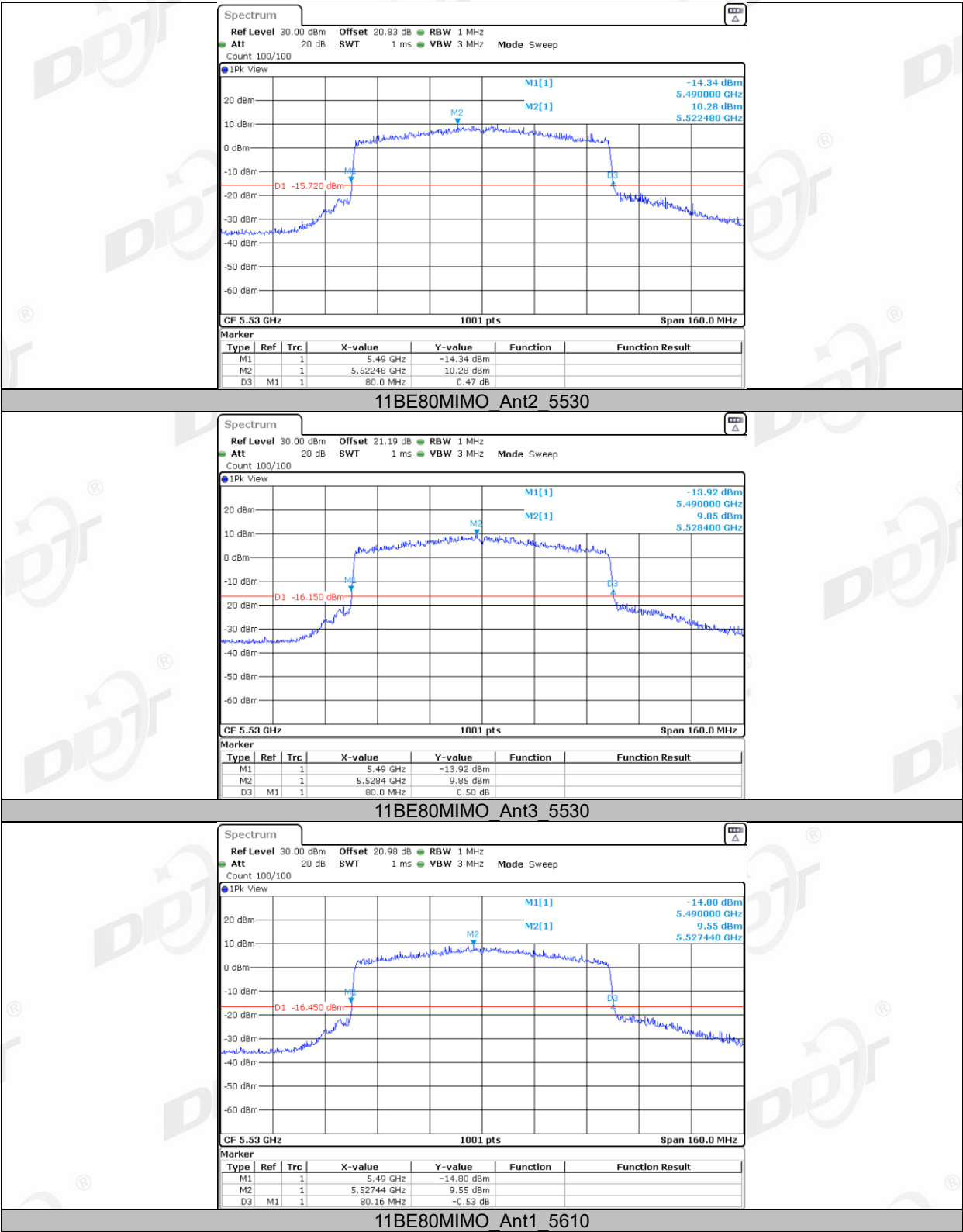


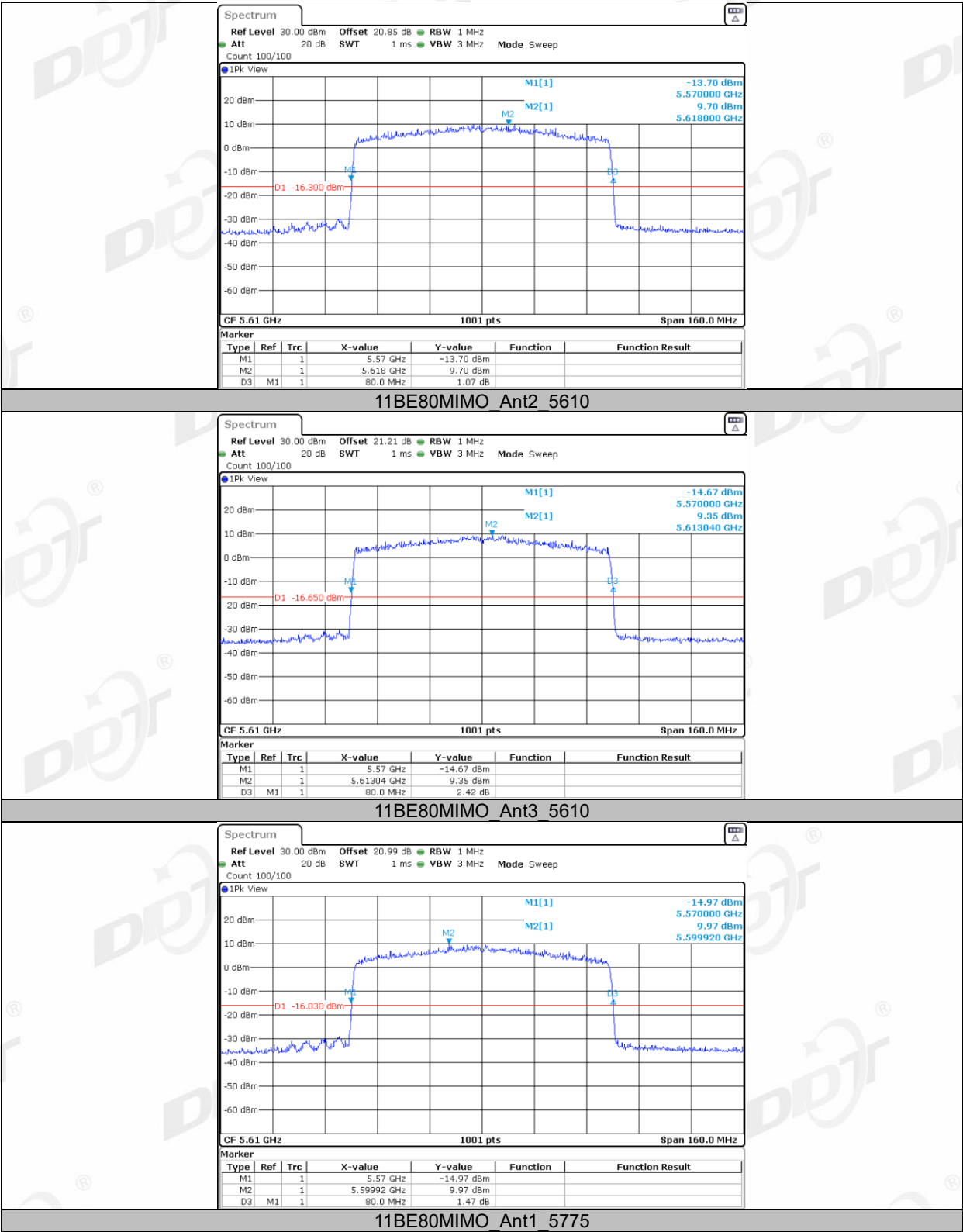


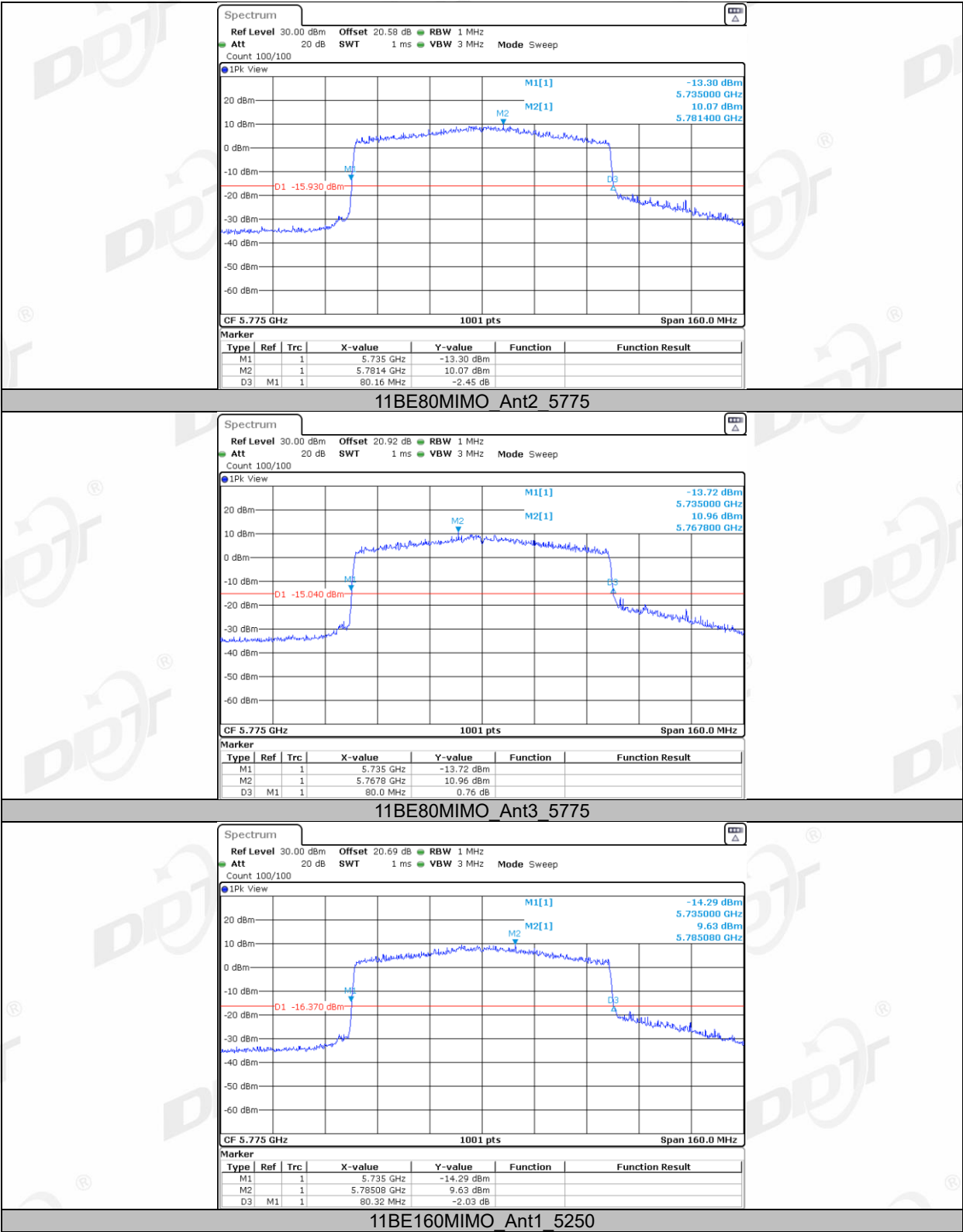


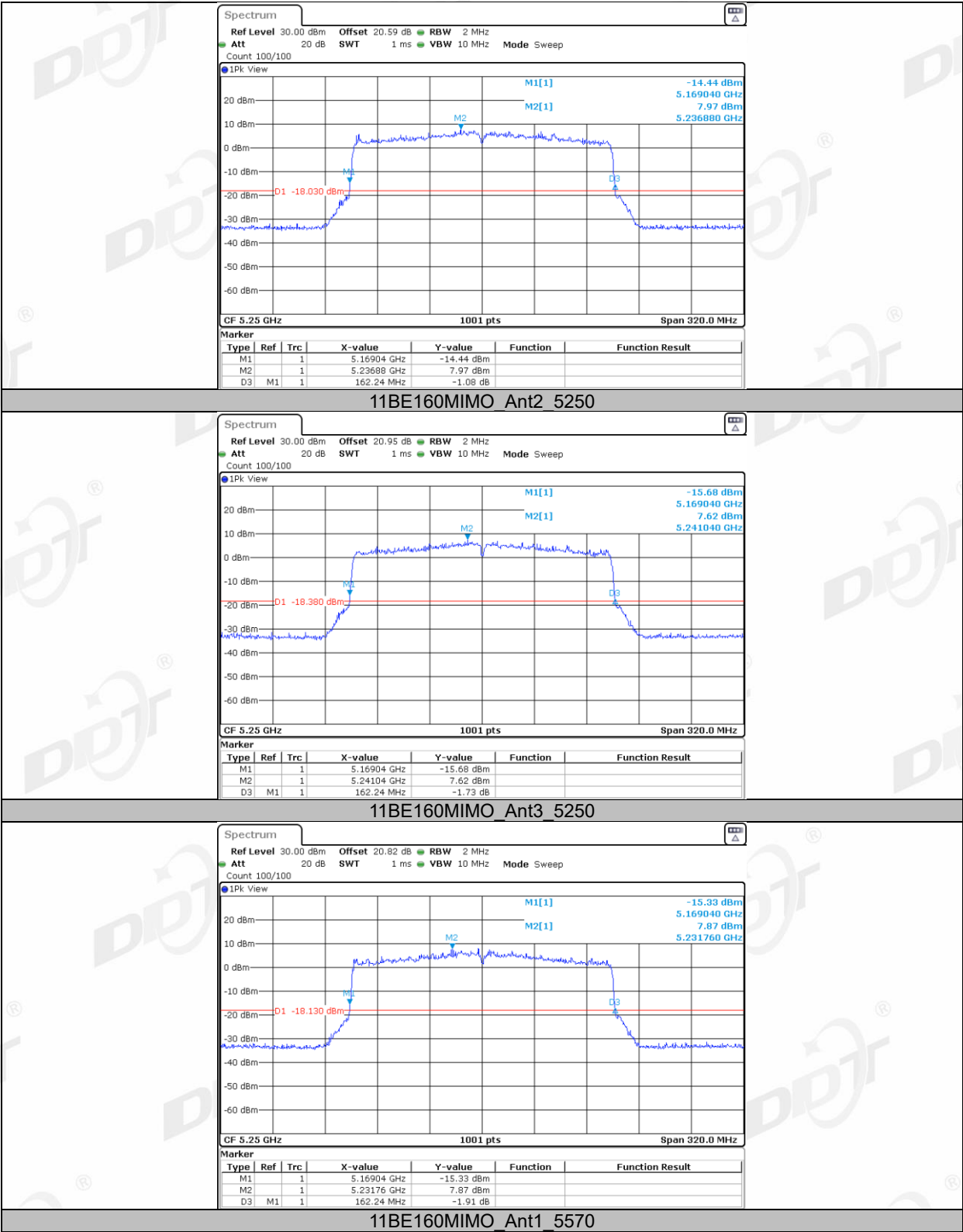


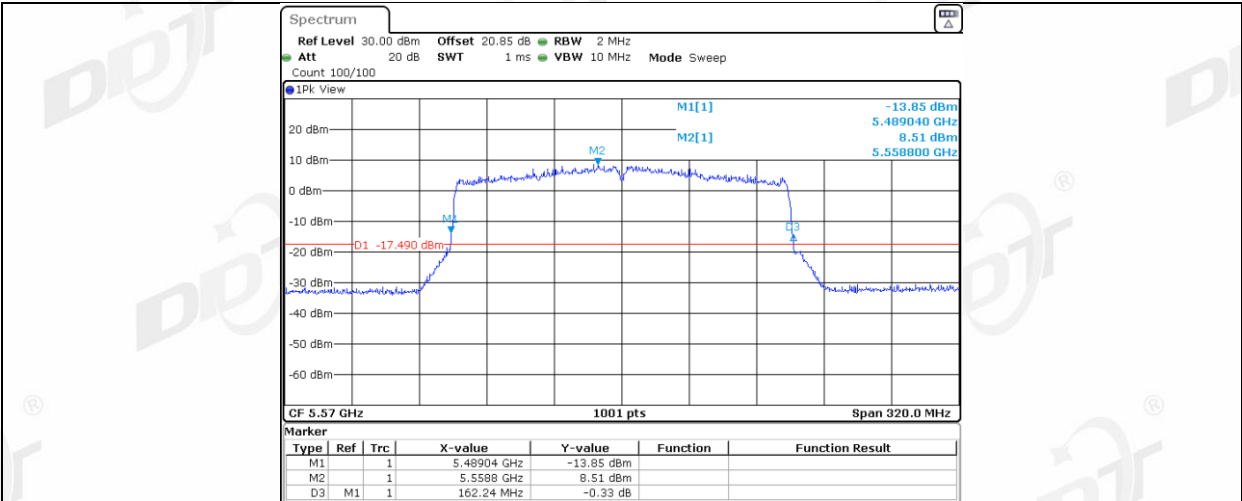




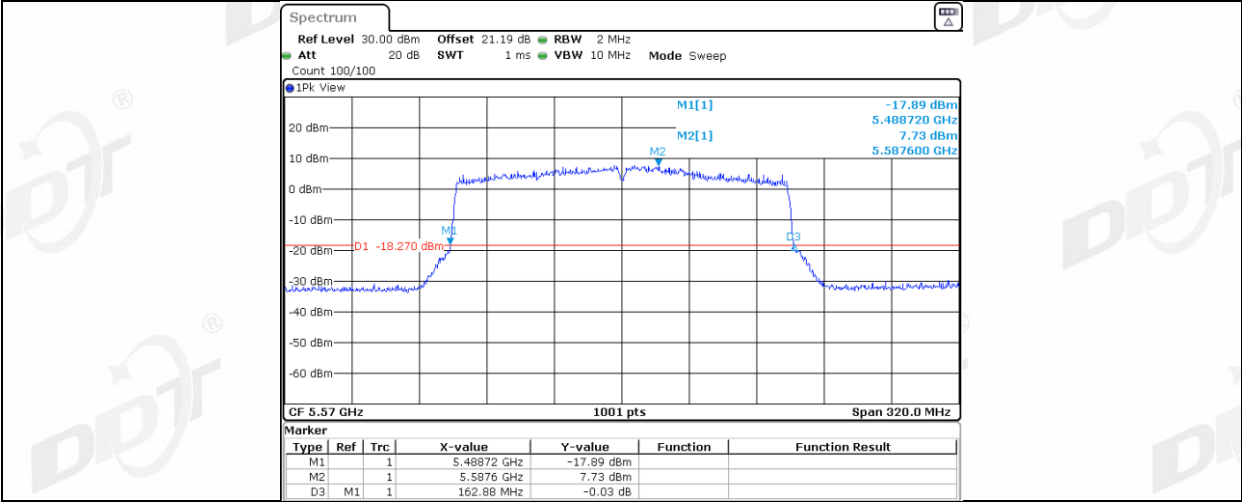




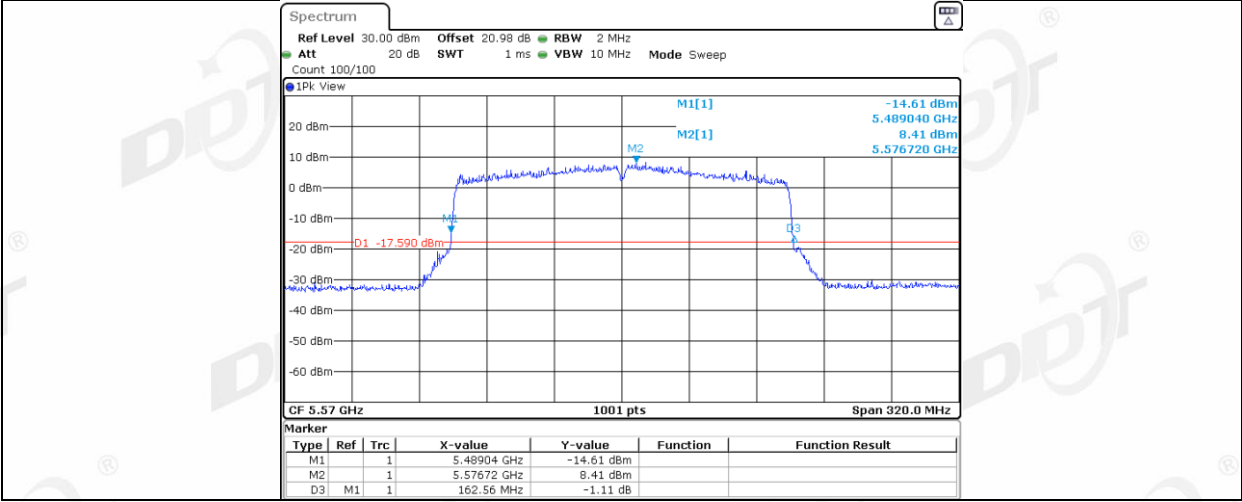




11BE160MIMO_Ant2_5570

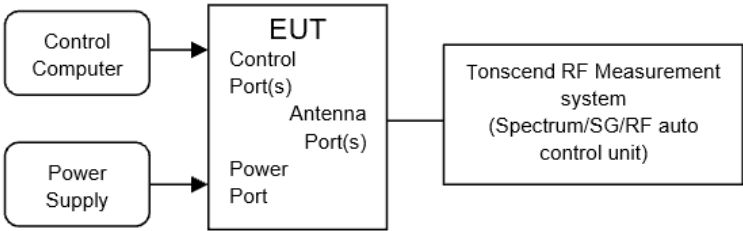


11BE160MIMO_Ant3_5570



5. 6dB Bandwidth

5.1. Block diagram of test setup



5.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
6 dB Bandwidth	Minimum 500 kHz	5725 - 5850

5.3. Test procedure

Connect EUT's antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth: RBW=100 kHz For 26 dB Bandwidth: approximately 1% of the emission bandwidth.
VBW	For 6 dB Bandwidth: VBW=300 kHz For 26 dB Bandwidth: >3 RBW
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.4. Test result B4

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.4℃,45%RH	Test Date:	2025/09/18 - 2025/12/06
Test Power Supply:	AC 120V	Sample Number:	s25081332-003

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.48	5737.04	5752.52	0.5	PASS
	Ant2	5745	15.52	5737.2	5752.72	0.5	PASS
	Ant3	5745	15.72	5736.8	5752.52	0.5	PASS
	Ant1	5785	15.48	5777.04	5792.52	0.5	PASS
	Ant2	5785	15.44	5777.08	5792.52	0.5	PASS
	Ant3	5785	15.12	5777.4	5792.52	0.5	PASS
	Ant1	5825	15.32	5817.2	5832.52	0.5	PASS
	Ant2	5825	15.12	5817.4	5832.52	0.5	PASS
	Ant3	5825	15.32	5817.2	5832.52	0.5	PASS
11N20MIMO	Ant1	5745	15.72	5736.8	5752.52	0.5	PASS
	Ant2	5745	15.68	5736.8	5752.48	0.5	PASS
	Ant3	5745	16.28	5736.8	5753.08	0.5	PASS
	Ant1	5785	15.72	5776.8	5792.52	0.5	PASS
	Ant2	5785	15.12	5777.4	5792.52	0.5	PASS
	Ant3	5785	15.72	5776.8	5792.52	0.5	PASS
	Ant1	5825	16.16	5816.56	5832.72	0.5	PASS
	Ant2	5825	16.28	5816.8	5833.08	0.5	PASS
	Ant3	5825	16.28	5816.8	5833.08	0.5	PASS
11N40MIMO	Ant1	5755	34.96	5737.48	5772.44	0.5	PASS
	Ant2	5755	33.76	5738.68	5772.44	0.5	PASS
	Ant3	5755	35.04	5737.4	5772.44	0.5	PASS
	Ant1	5795	34.96	5777.48	5812.44	0.5	PASS
	Ant2	5795	33.76	5778.68	5812.44	0.5	PASS
	Ant3	5795	34.96	5777.48	5812.44	0.5	PASS
11AC20MIMO	Ant1	5745	15.72	5736.8	5752.52	0.5	PASS
	Ant2	5745	16.28	5736.8	5753.08	0.5	PASS
	Ant3	5745	16.28	5736.8	5753.08	0.5	PASS
	Ant1	5785	15.72	5776.8	5792.52	0.5	PASS
	Ant2	5785	16.28	5776.8	5793.08	0.5	PASS
	Ant3	5785	15.68	5777.4	5793.08	0.5	PASS
	Ant1	5825	15.72	5816.8	5832.52	0.5	PASS
	Ant2	5825	16.28	5816.8	5833.08	0.5	PASS
	Ant3	5825	16.28	5816.8	5833.08	0.5	PASS
11AC40MIMO	Ant1	5755	34.96	5737.48	5772.44	0.5	PASS
	Ant2	5755	34.96	5737.48	5772.44	0.5	PASS
	Ant3	5755	33.76	5738.68	5772.44	0.5	PASS
	Ant1	5795	34.96	5777.48	5812.44	0.5	PASS
	Ant2	5795	34.96	5777.48	5812.44	0.5	PASS

	Ant3	5795	33.76	5778.68	5812.44	0.5	PASS
11AC80MIMO	Ant1	5775	65.12	5738.68	5803.8	0.5	PASS
	Ant2	5775	71.36	5738.68	5810.04	0.5	PASS
	Ant3	5775	71.36	5738.68	5810.04	0.5	PASS
	Ant3	5775	71.36	5738.68	5810.04	0.5	PASS
11AX20MIMO	Ant1	5745	16	5736.52	5752.52	0.5	PASS
	Ant2	5745	16.2	5736.28	5752.48	0.5	PASS
	Ant3	5745	17.08	5736.64	5753.72	0.5	PASS
	Ant1	5785	16.96	5776.48	5793.44	0.5	PASS
	Ant2	5785	17.32	5776.16	5793.48	0.5	PASS
	Ant3	5785	17.64	5776.16	5793.8	0.5	PASS
	Ant1	5825	16.8	5816.64	5833.44	0.5	PASS
	Ant2	5825	17.64	5816.16	5833.8	0.5	PASS
	Ant3	5825	17.76	5816.04	5833.8	0.5	PASS
11AX40MIMO	Ant1	5755	33.76	5738.68	5772.44	0.5	PASS
	Ant2	5755	33.76	5738.68	5772.44	0.5	PASS
	Ant3	5755	35.04	5737.4	5772.44	0.5	PASS
	Ant1	5795	34.96	5777.48	5812.44	0.5	PASS
	Ant2	5795	34	5778.44	5812.44	0.5	PASS
	Ant3	5795	34.96	5777.48	5812.44	0.5	PASS
11AX80MIMO	Ant1	5775	71.36	5738.68	5810.04	0.5	PASS
	Ant2	5775	71.36	5738.68	5810.04	0.5	PASS
	Ant3	5775	71.36	5738.68	5810.04	0.5	PASS
11BE20MIMO	Ant1	5745	17.24	5736.16	5753.4	0.5	PASS
	Ant2	5745	16.76	5736.2	5752.96	0.5	PASS
	Ant3	5745	17.32	5736.4	5753.72	0.5	PASS
	Ant1	5785	16.32	5776.2	5792.52	0.5	PASS
	Ant2	5785	16.88	5776.2	5793.08	0.5	PASS
	Ant3	5785	17.44	5776.32	5793.76	0.5	PASS
	Ant1	5825	17.56	5816.4	5833.96	0.5	PASS
	Ant2	5825	17	5816.2	5833.2	0.5	PASS
	Ant3	5825	17.8	5815.96	5833.76	0.5	PASS
11BE40MIMO	Ant1	5755	33.76	5738.68	5772.44	0.5	PASS
	Ant2	5755	34.96	5737.48	5772.44	0.5	PASS
	Ant3	5755	33.76	5738.68	5772.44	0.5	PASS
	Ant1	5795	34	5778.44	5812.44	0.5	PASS
	Ant2	5795	34.96	5777.48	5812.44	0.5	PASS
	Ant3	5795	34.96	5777.48	5812.44	0.5	PASS
11BE80MIMO	Ant1	5775	71.36	5738.68	5810.04	0.5	PASS
	Ant2	5775	71.36	5738.68	5810.04	0.5	PASS
	Ant3	5775	71.36	5738.68	5810.04	0.5	PASS

5.5. Test graphs B4

