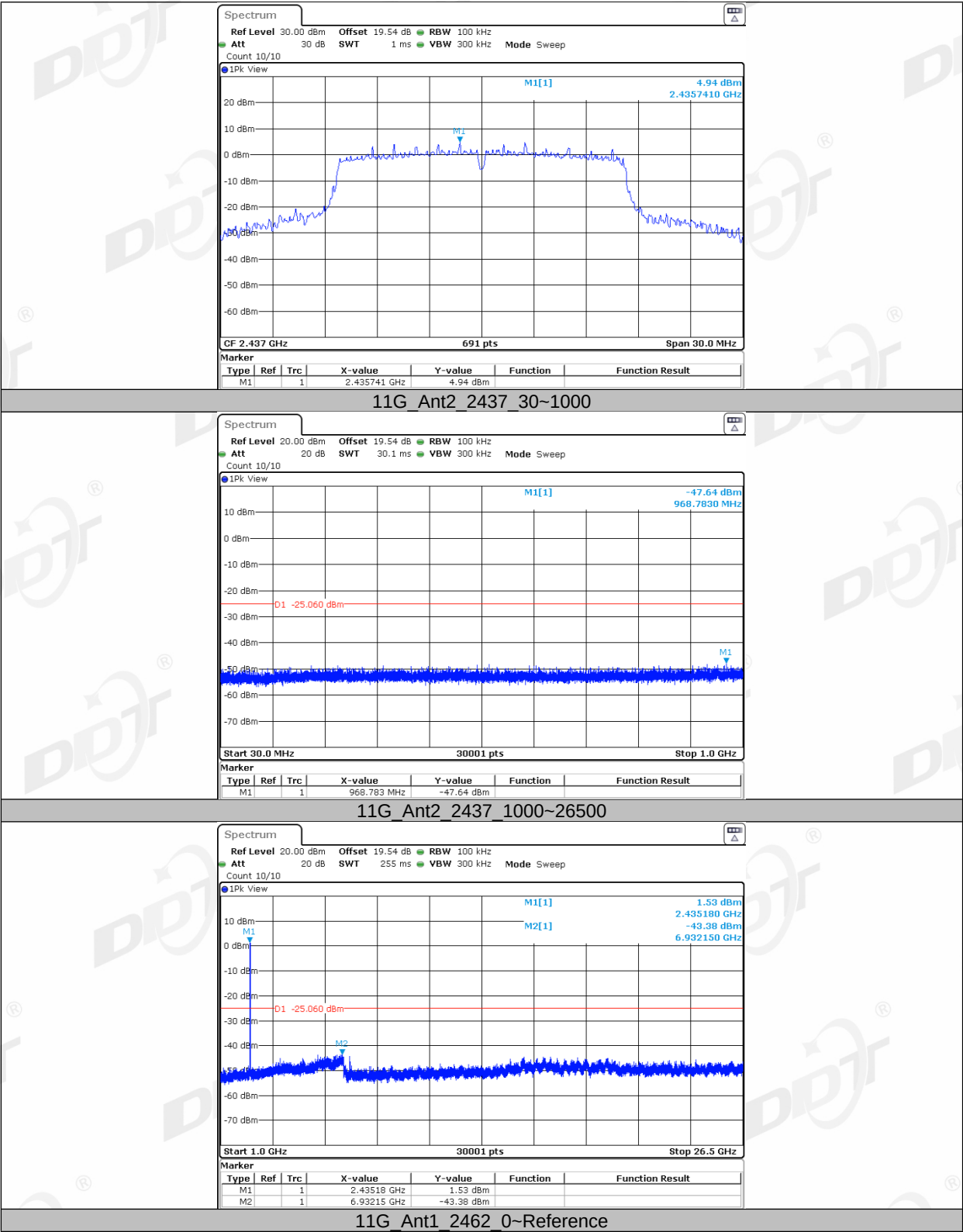
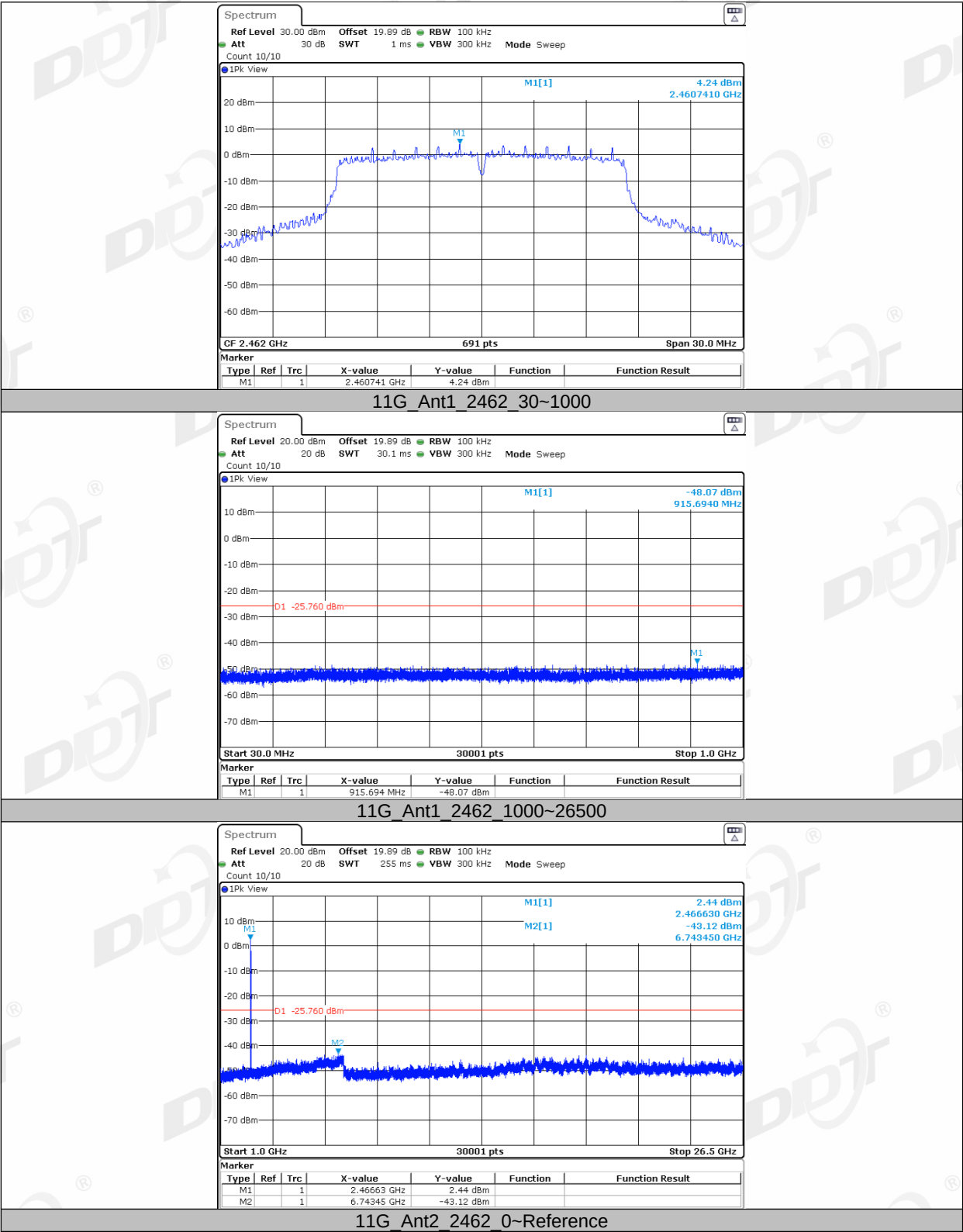
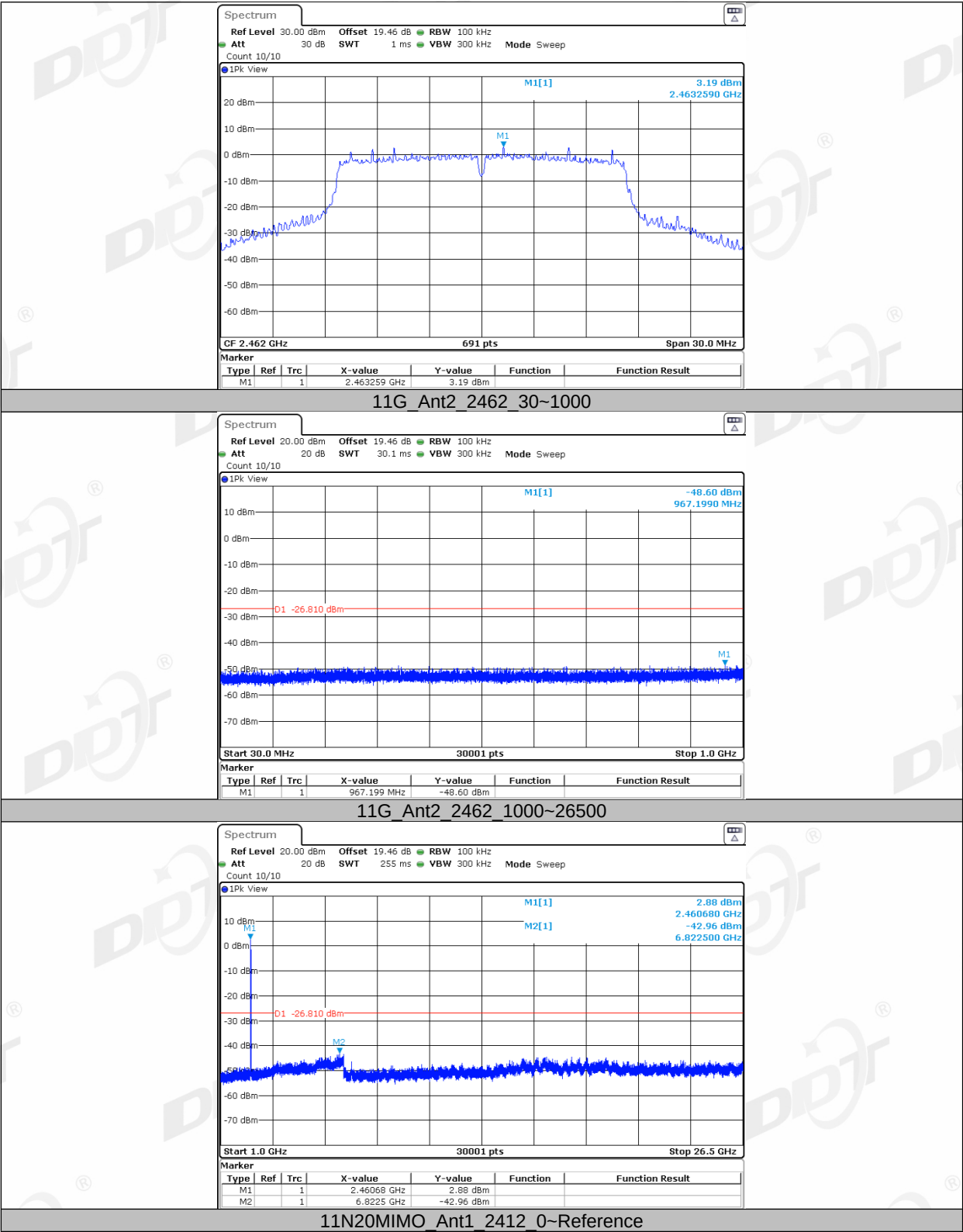
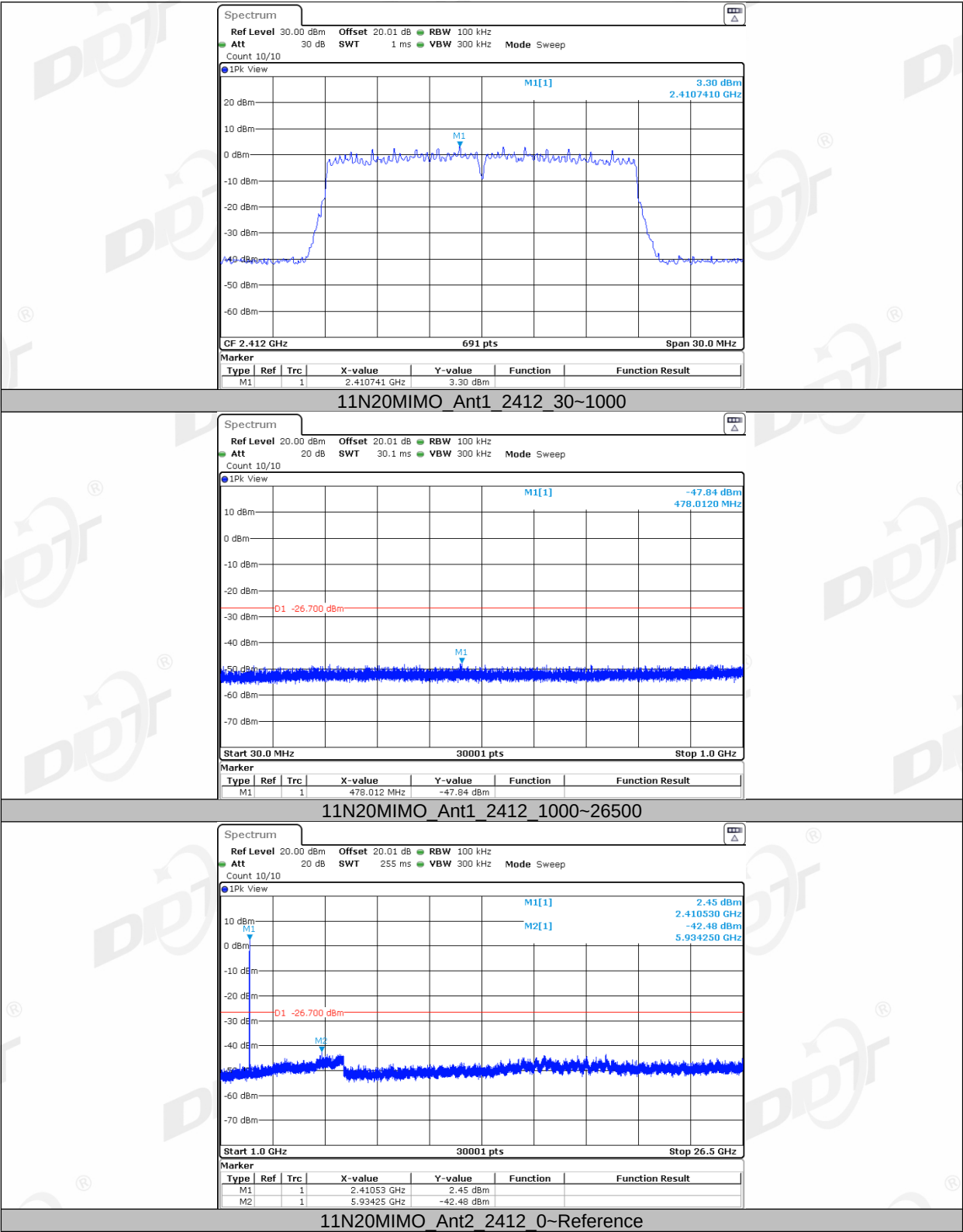
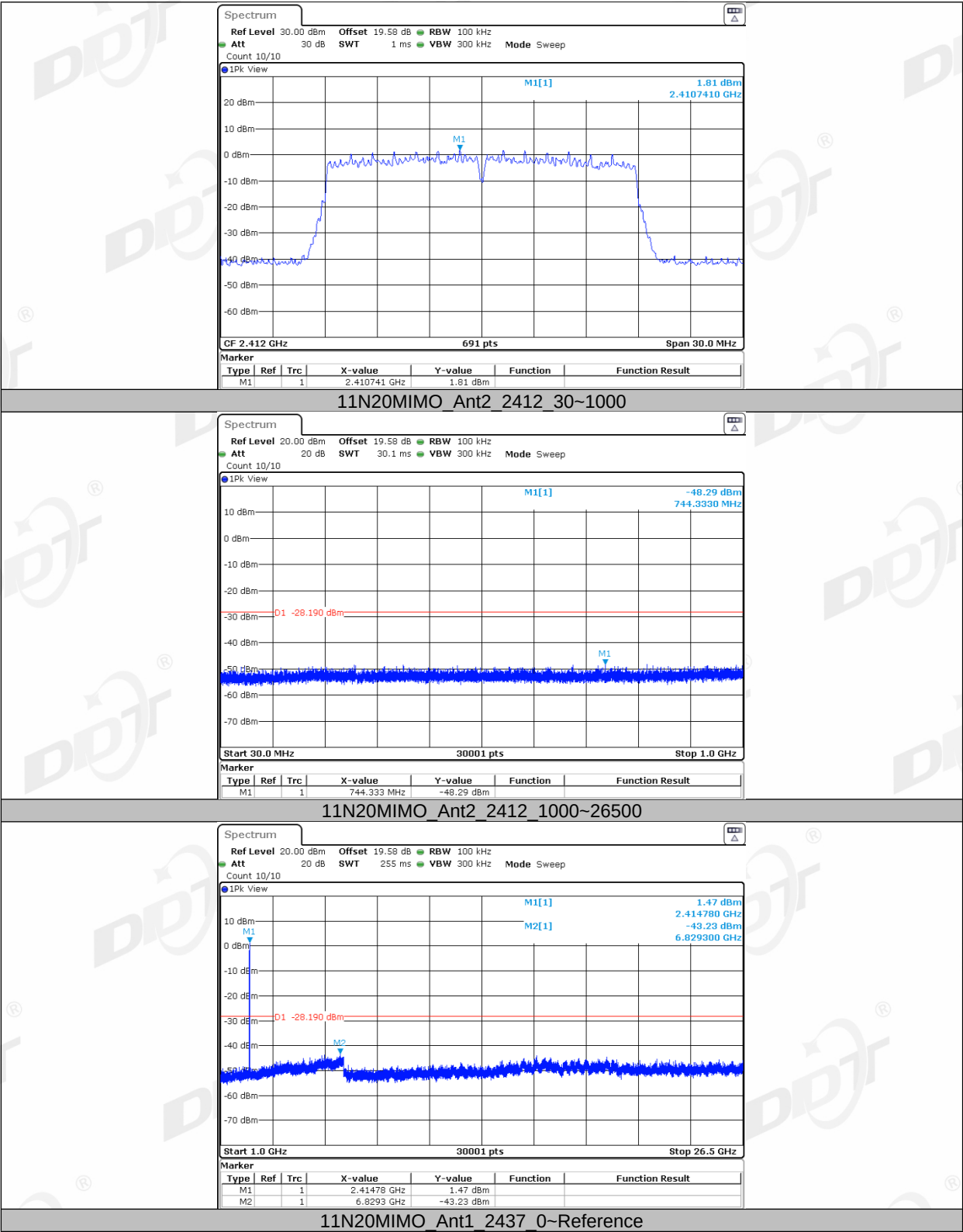


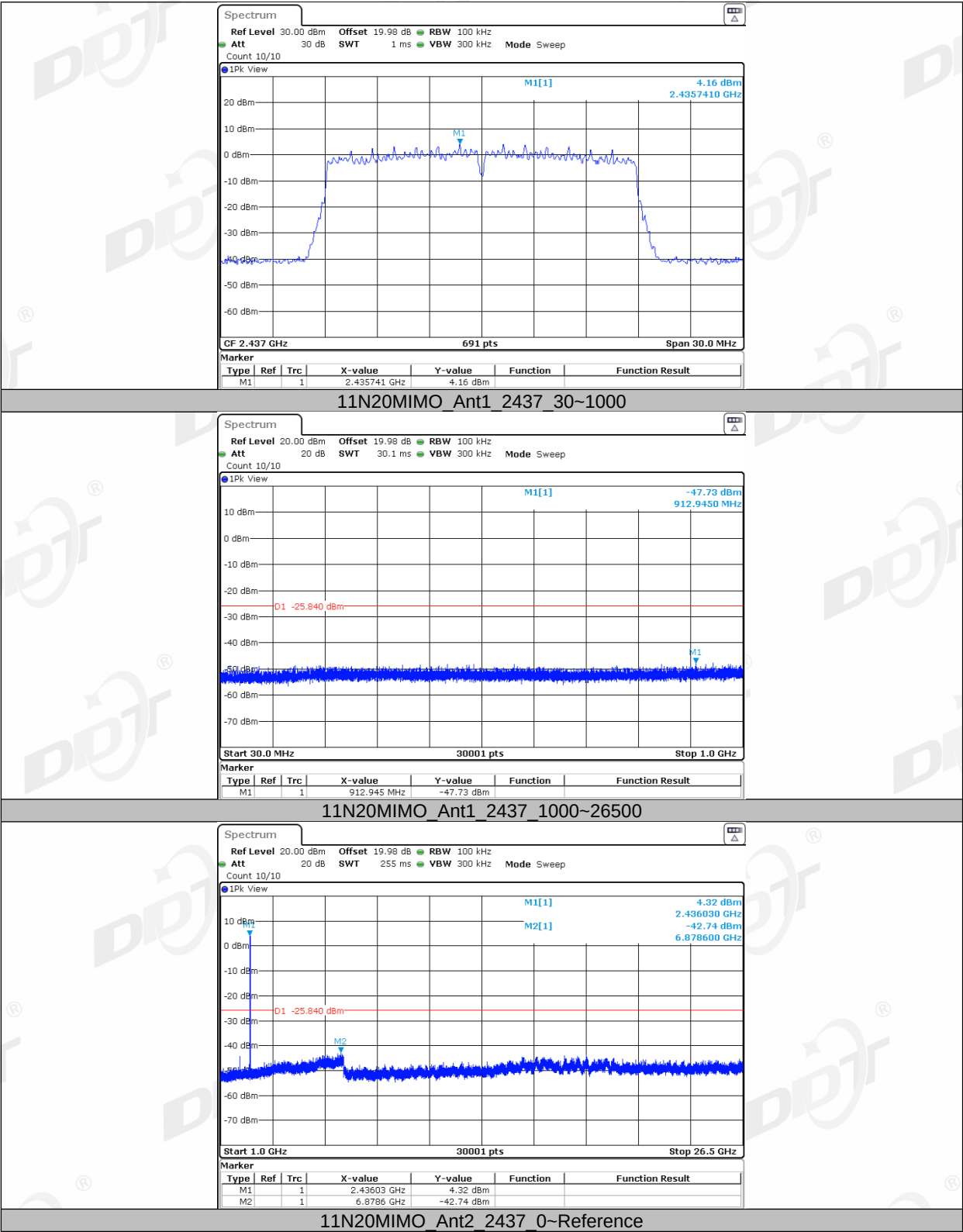


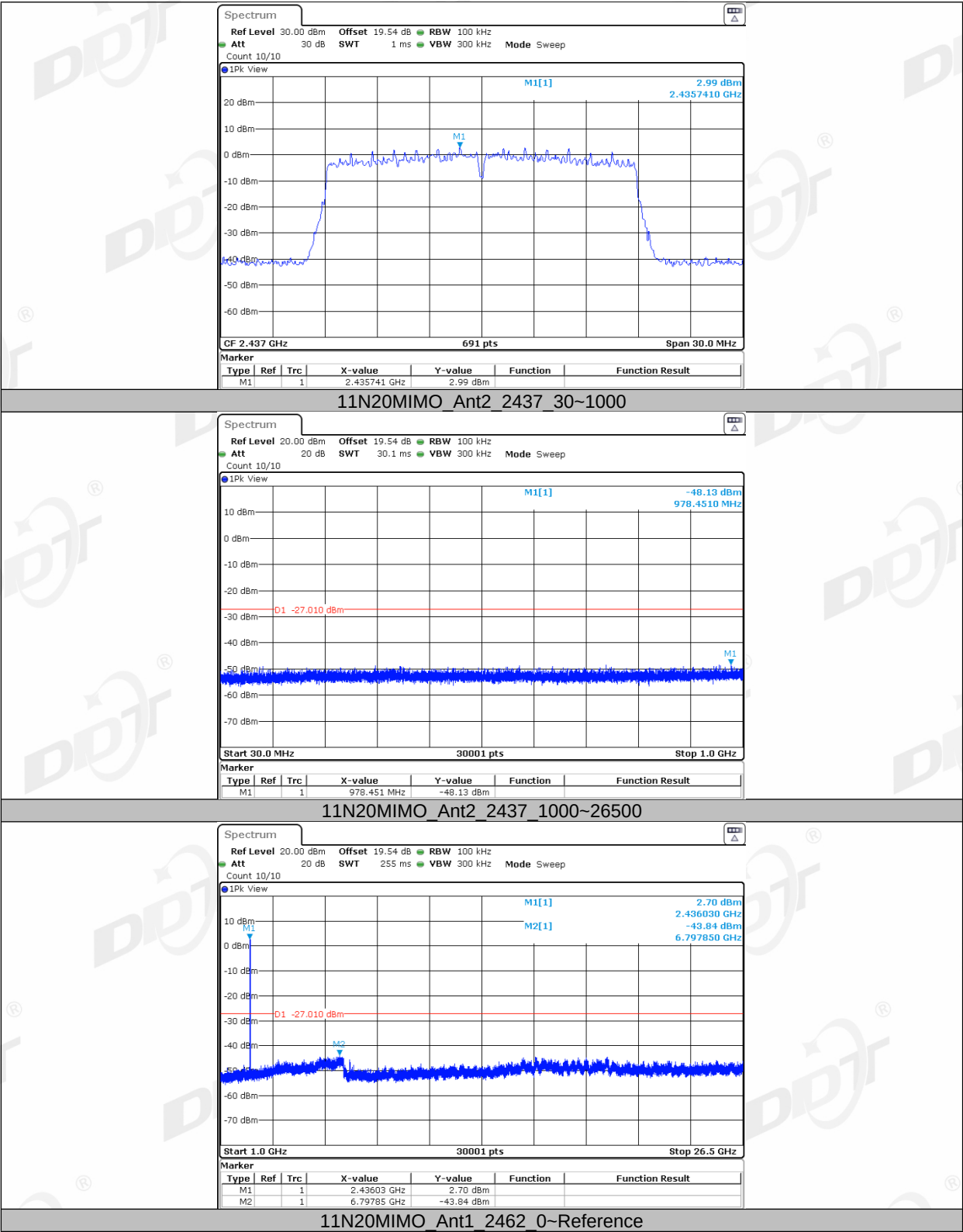


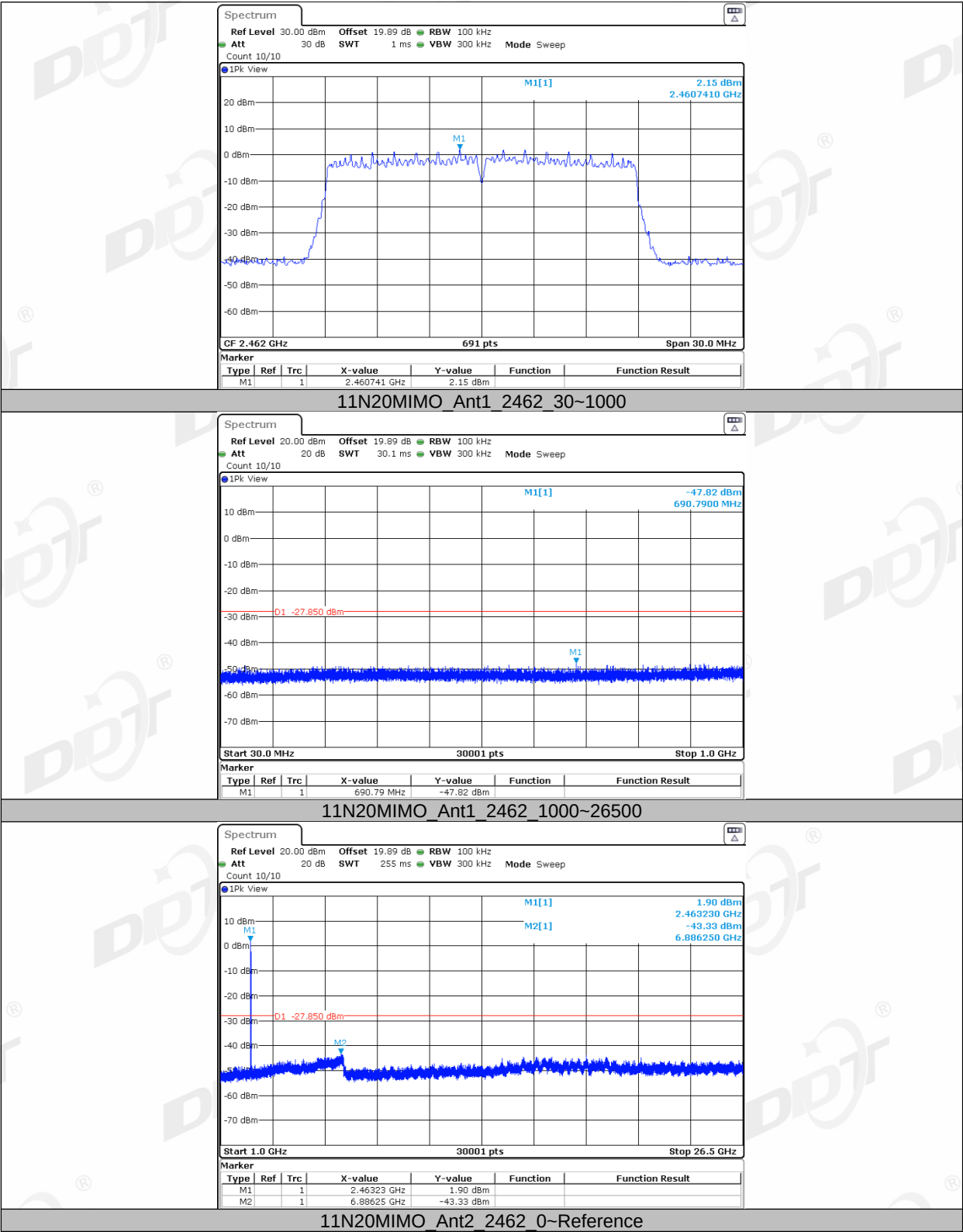


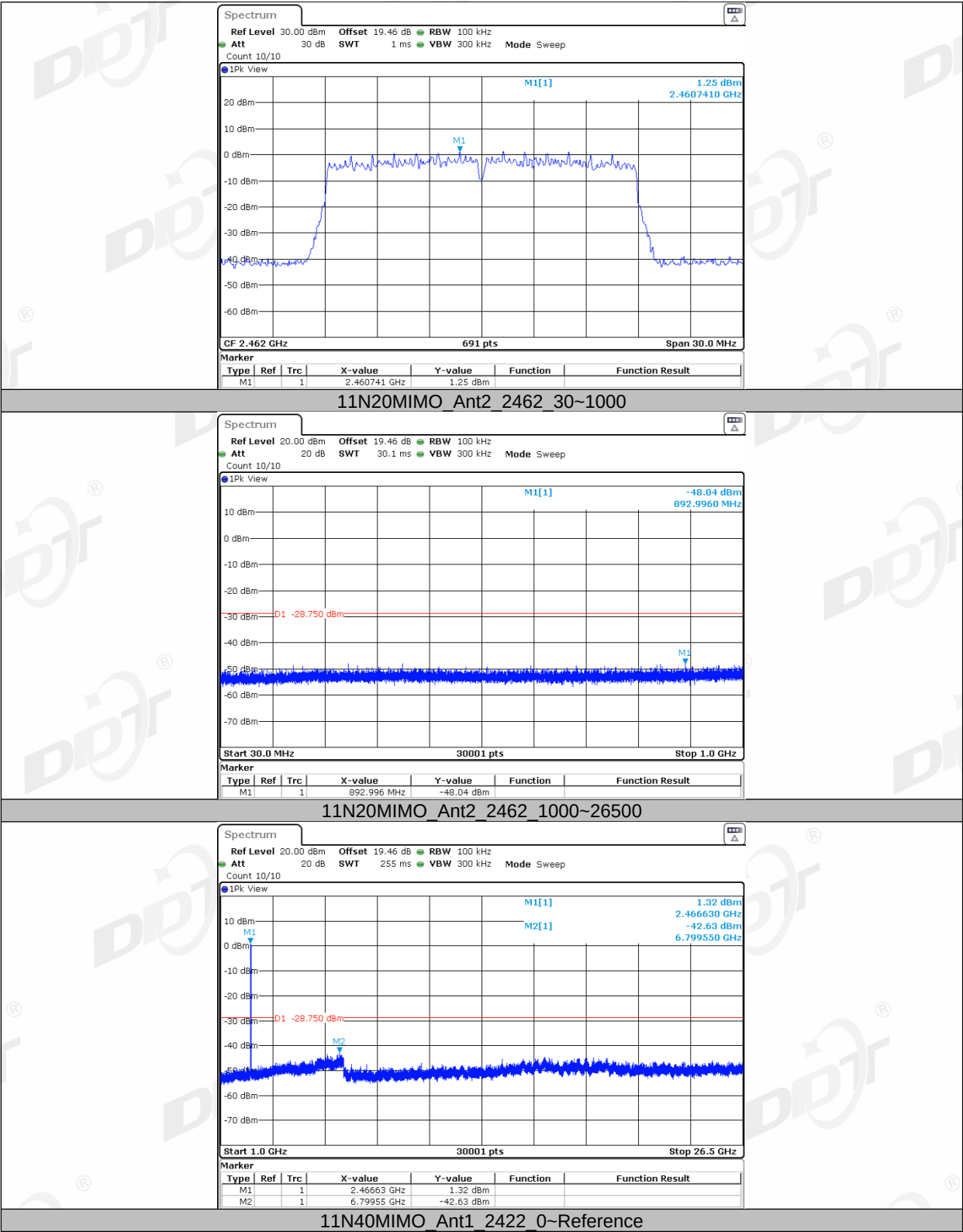


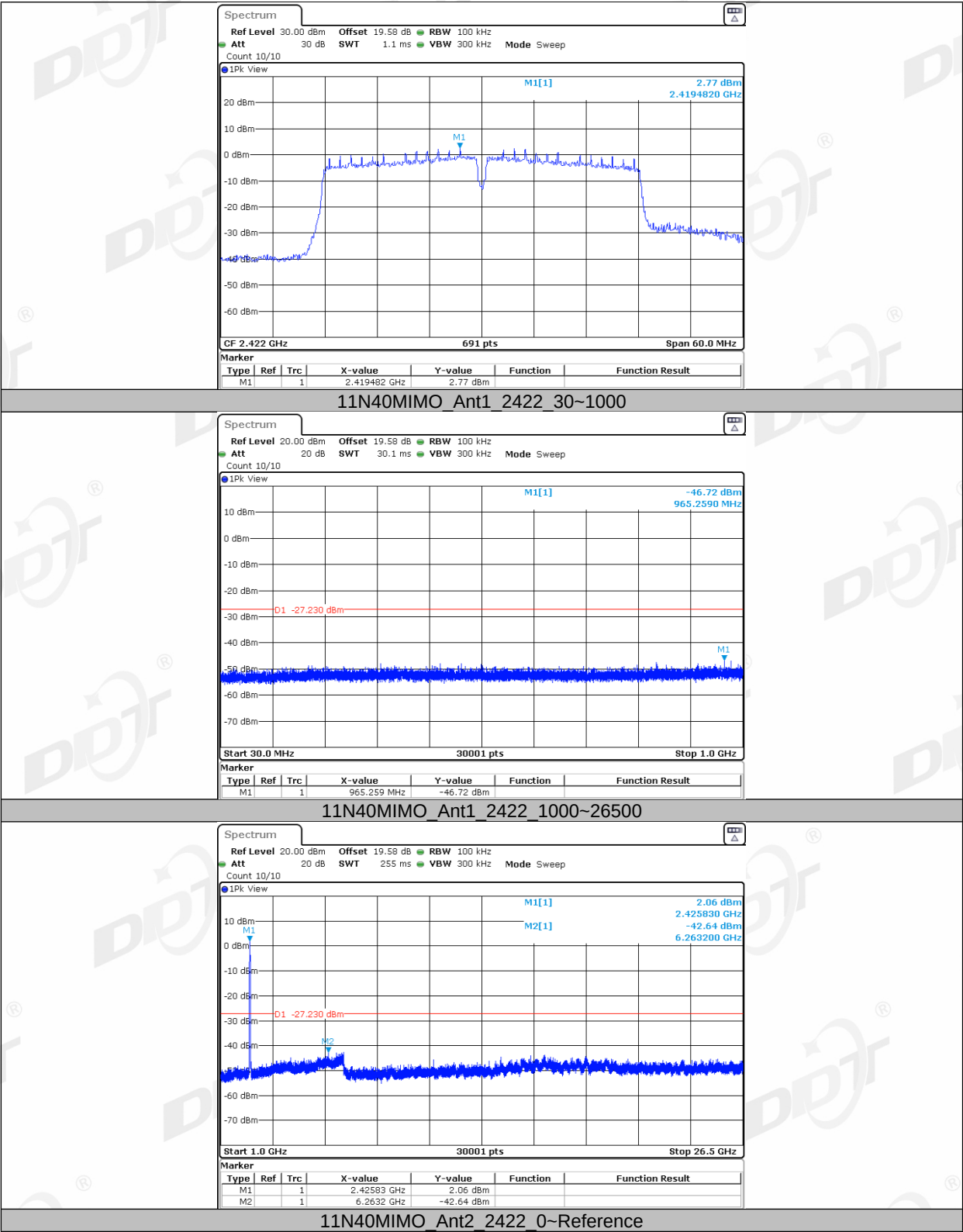


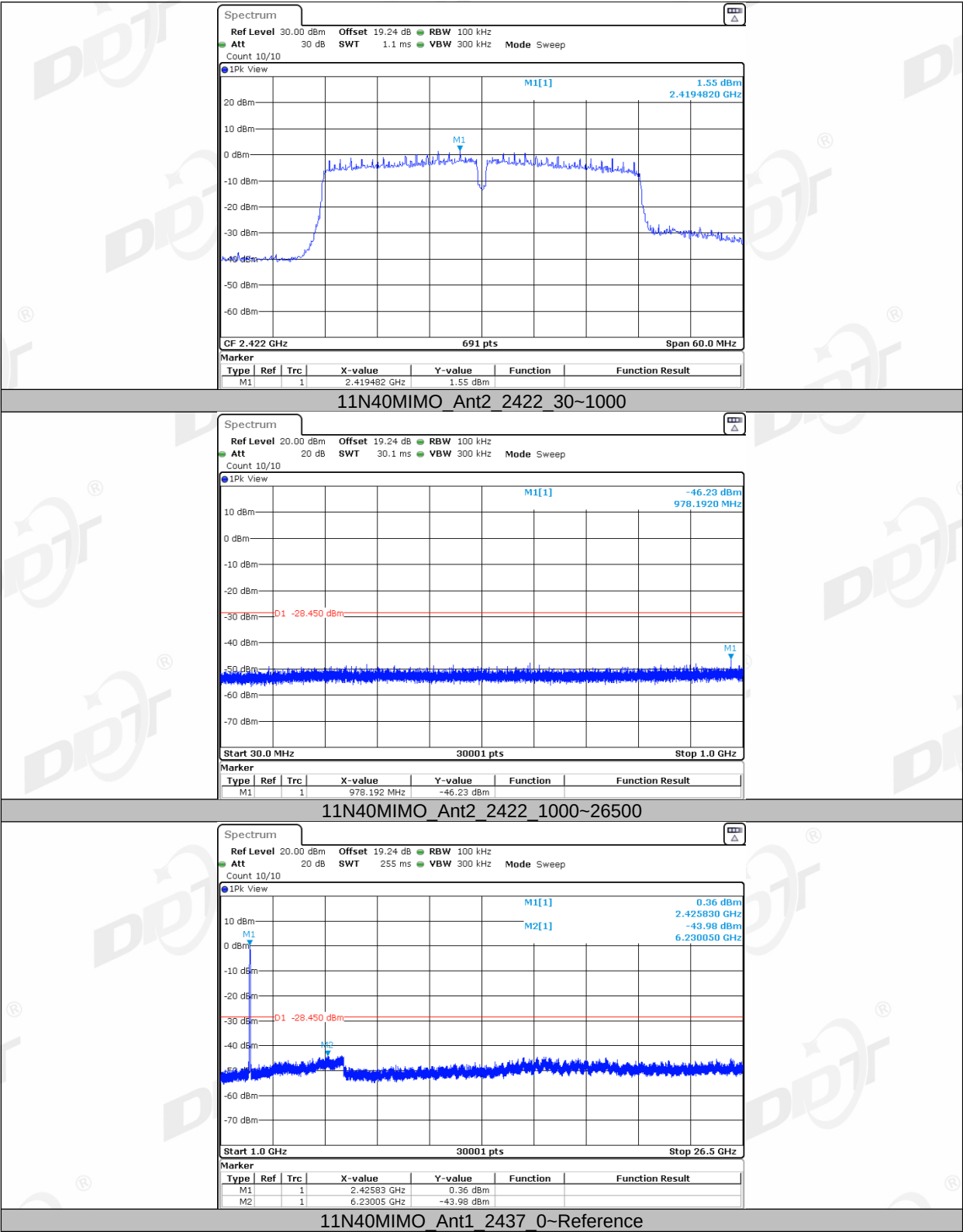


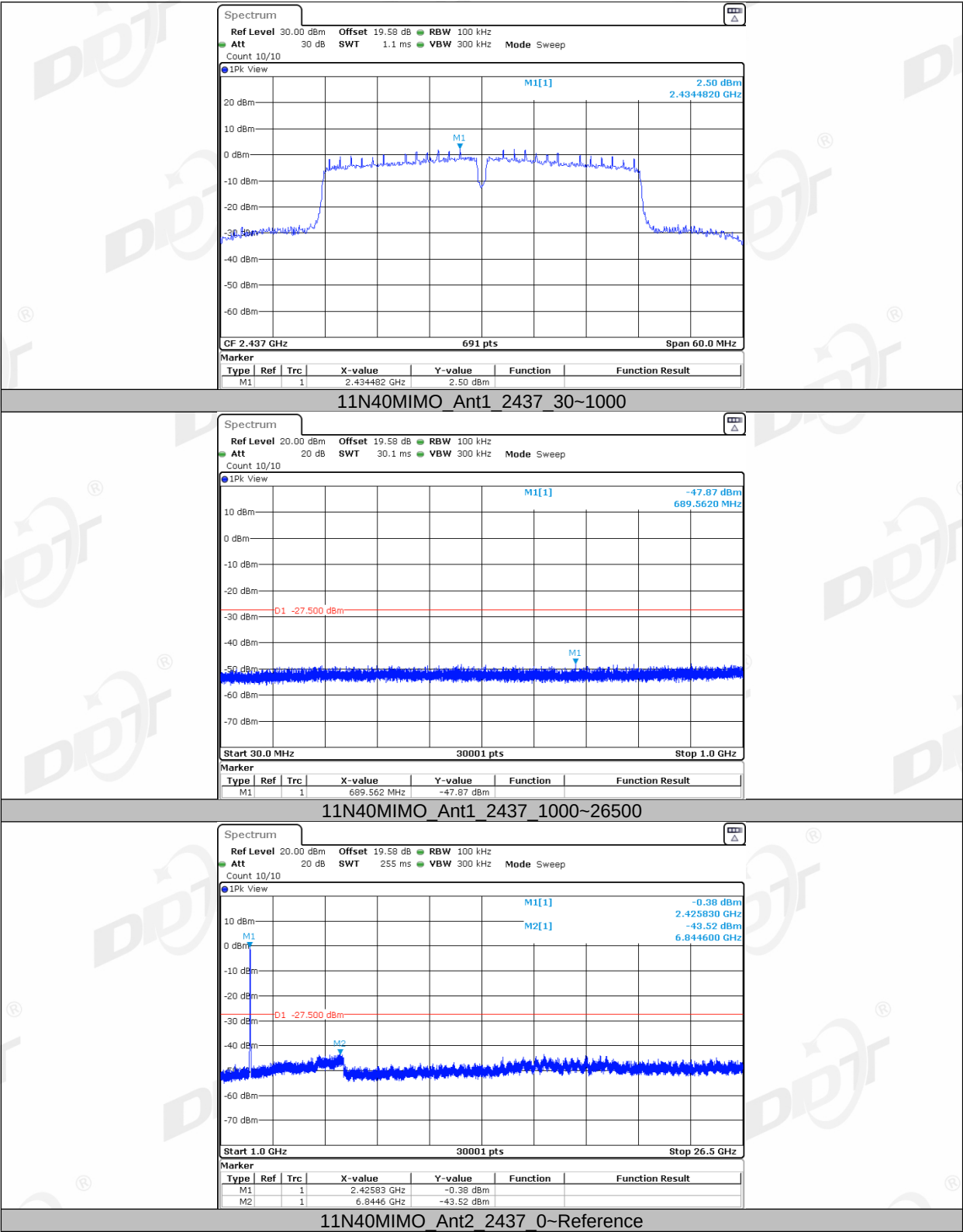


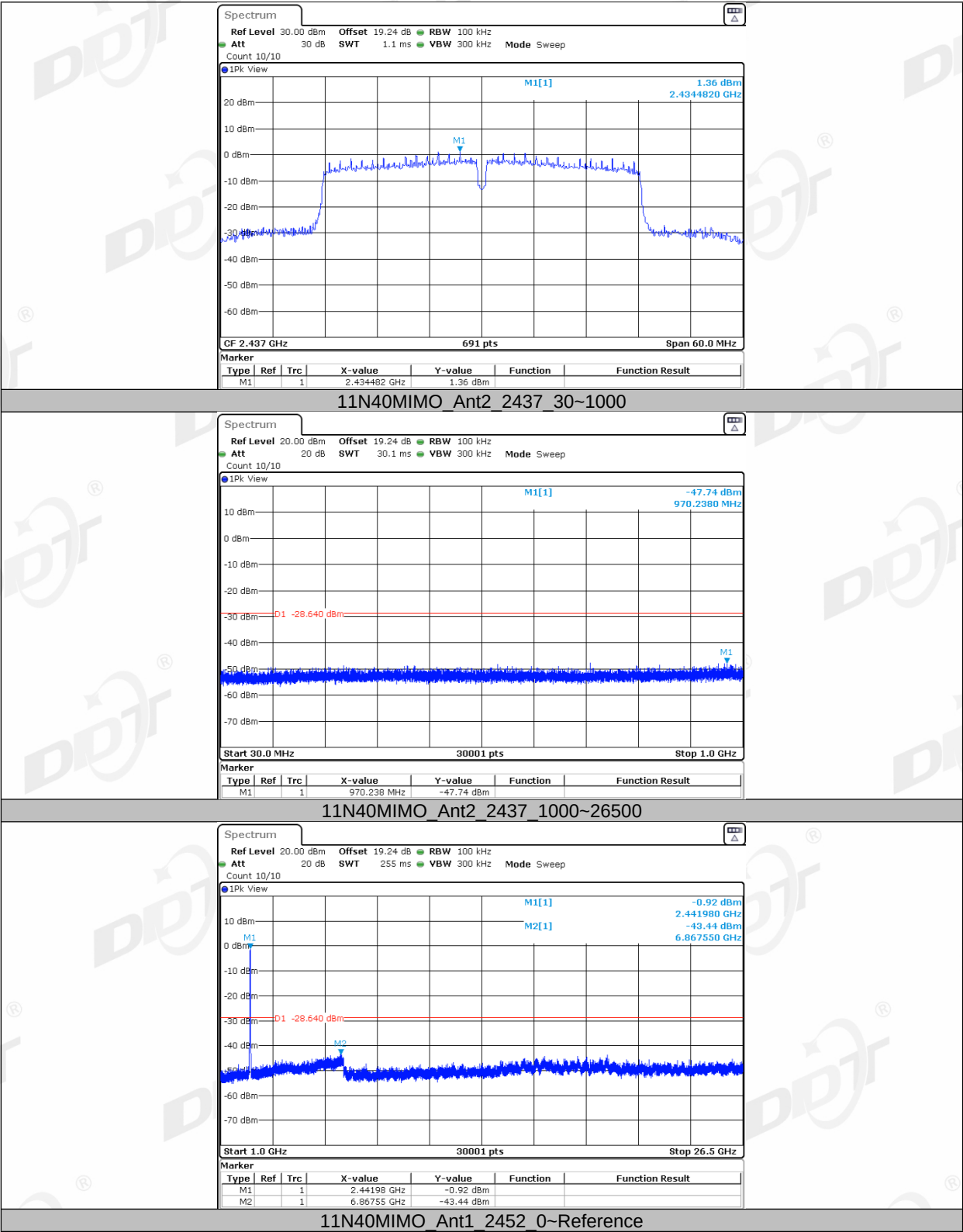


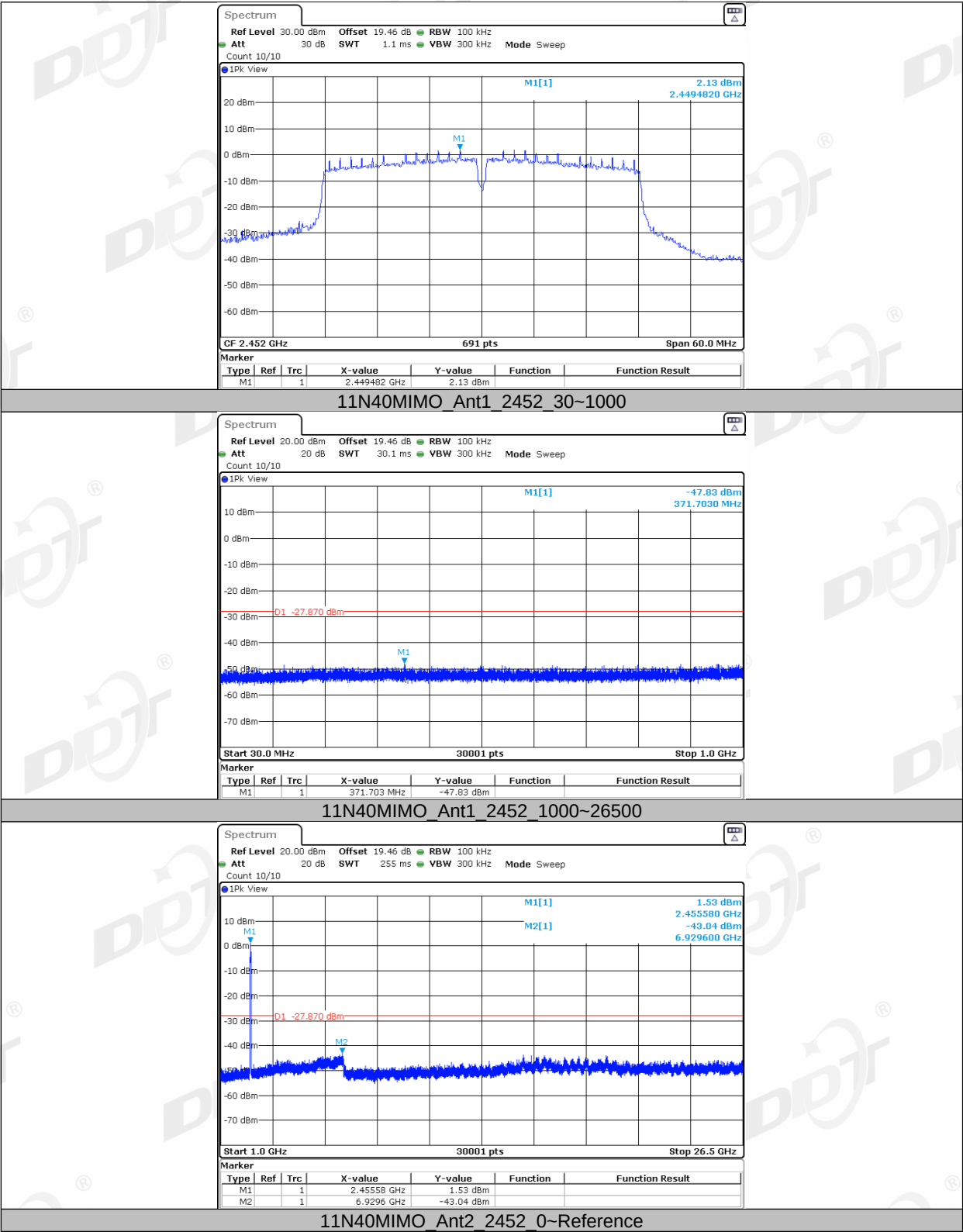


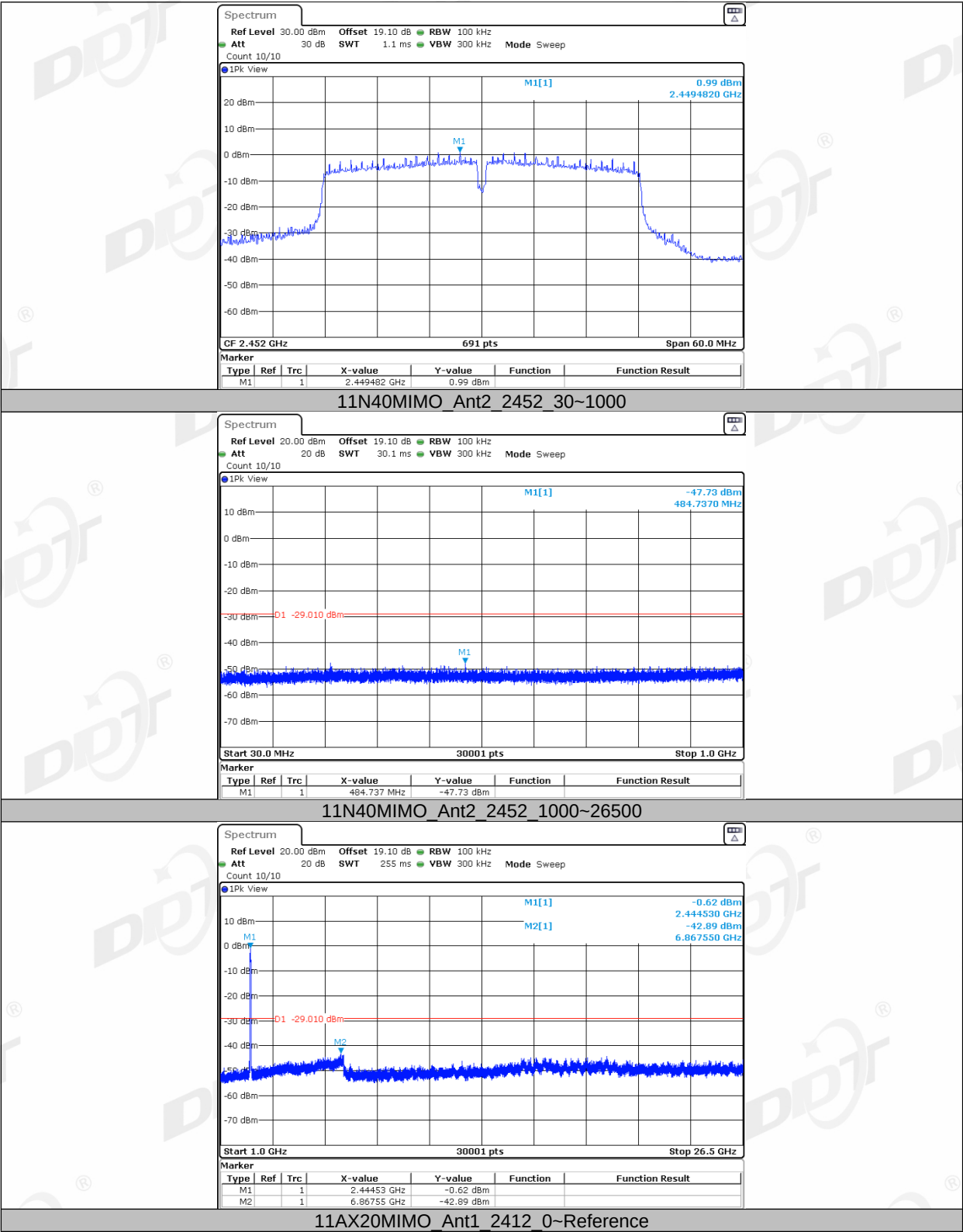


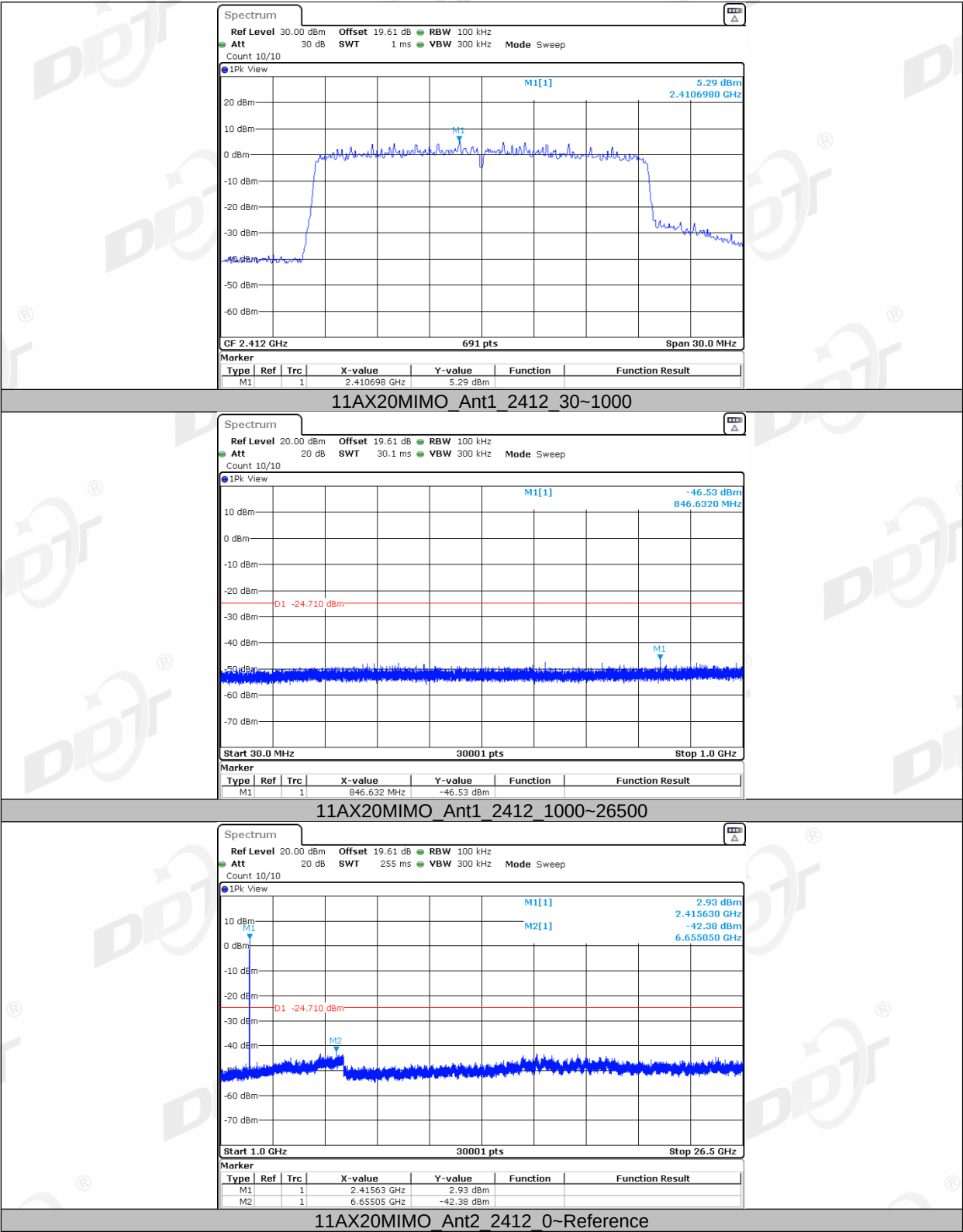


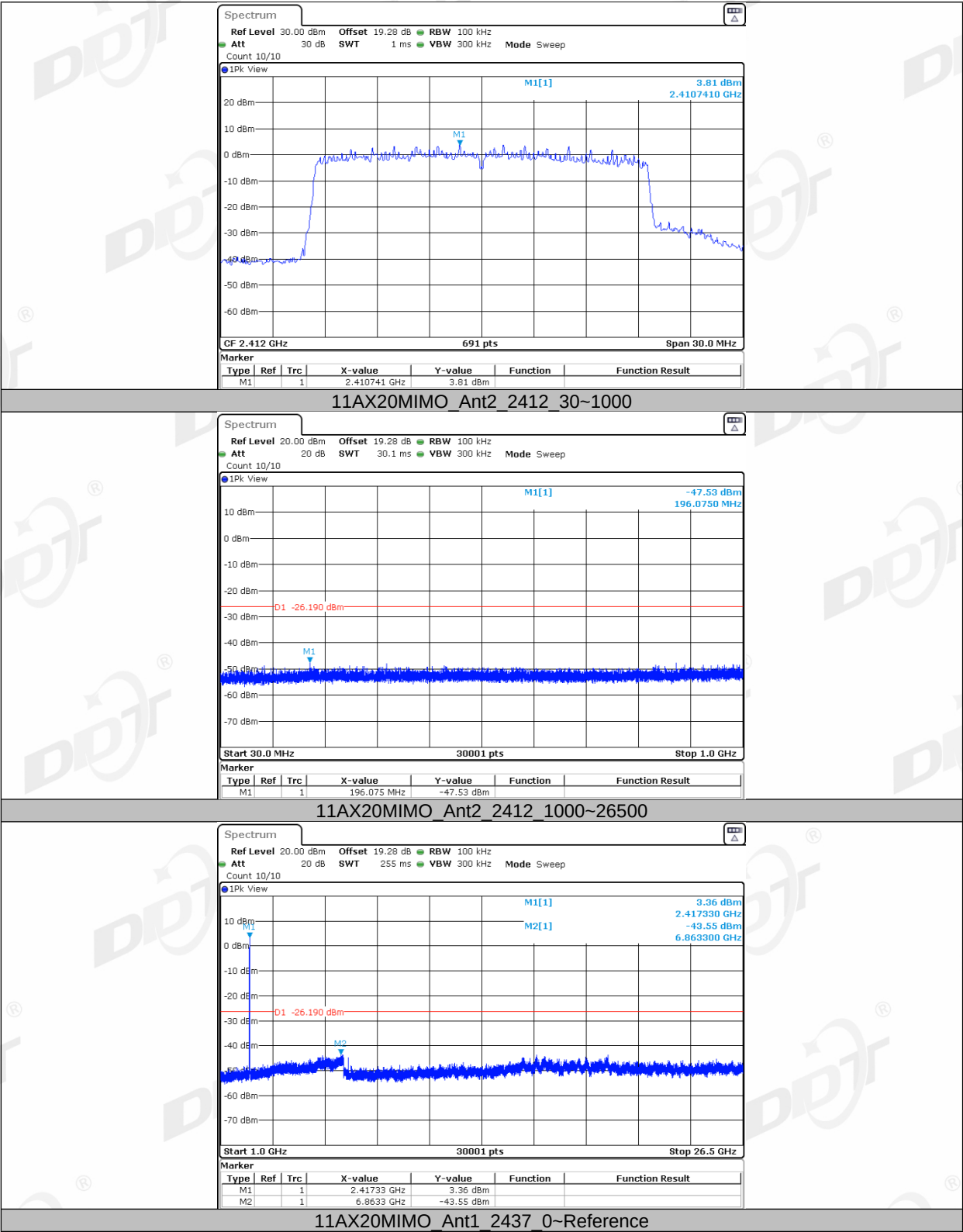


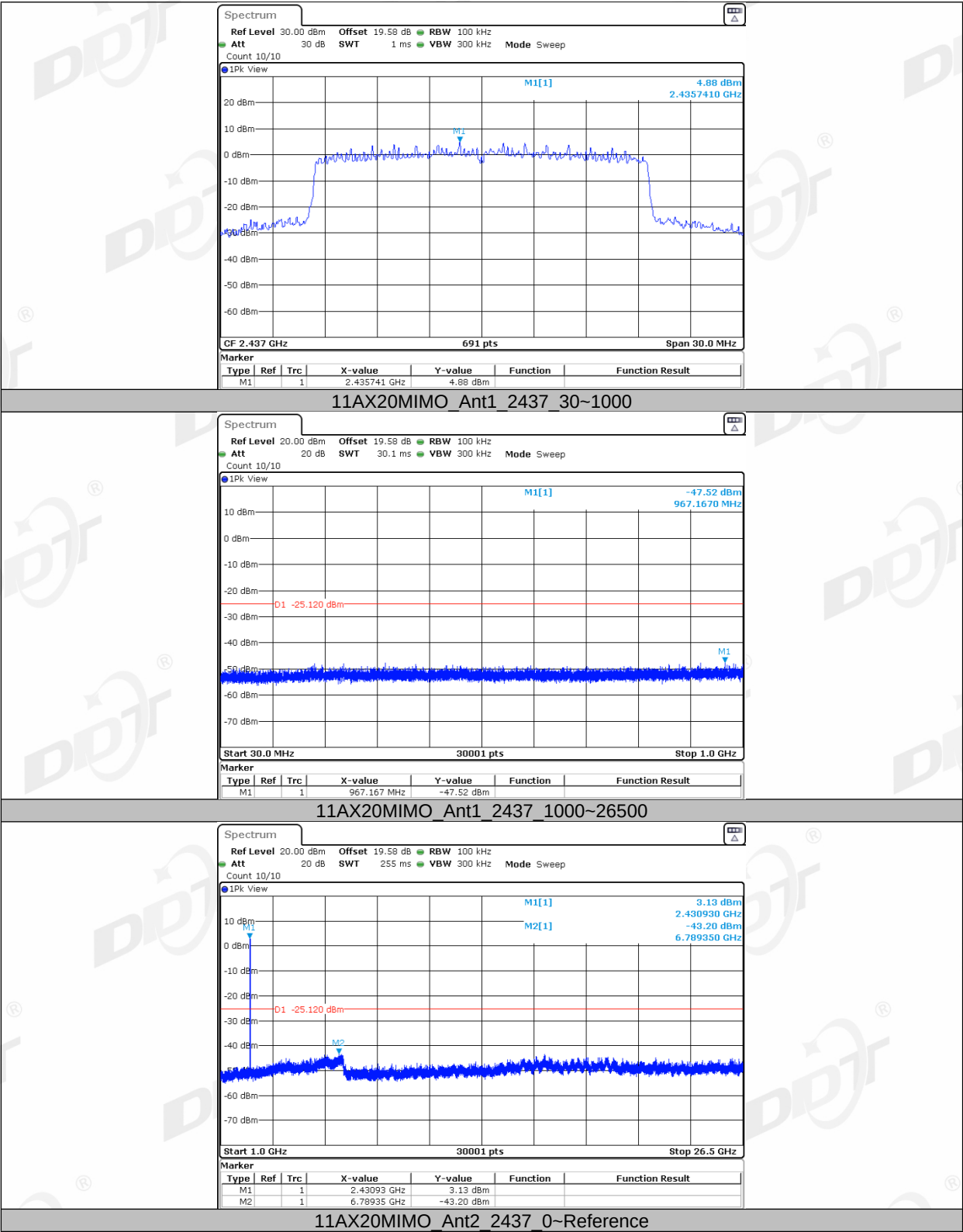


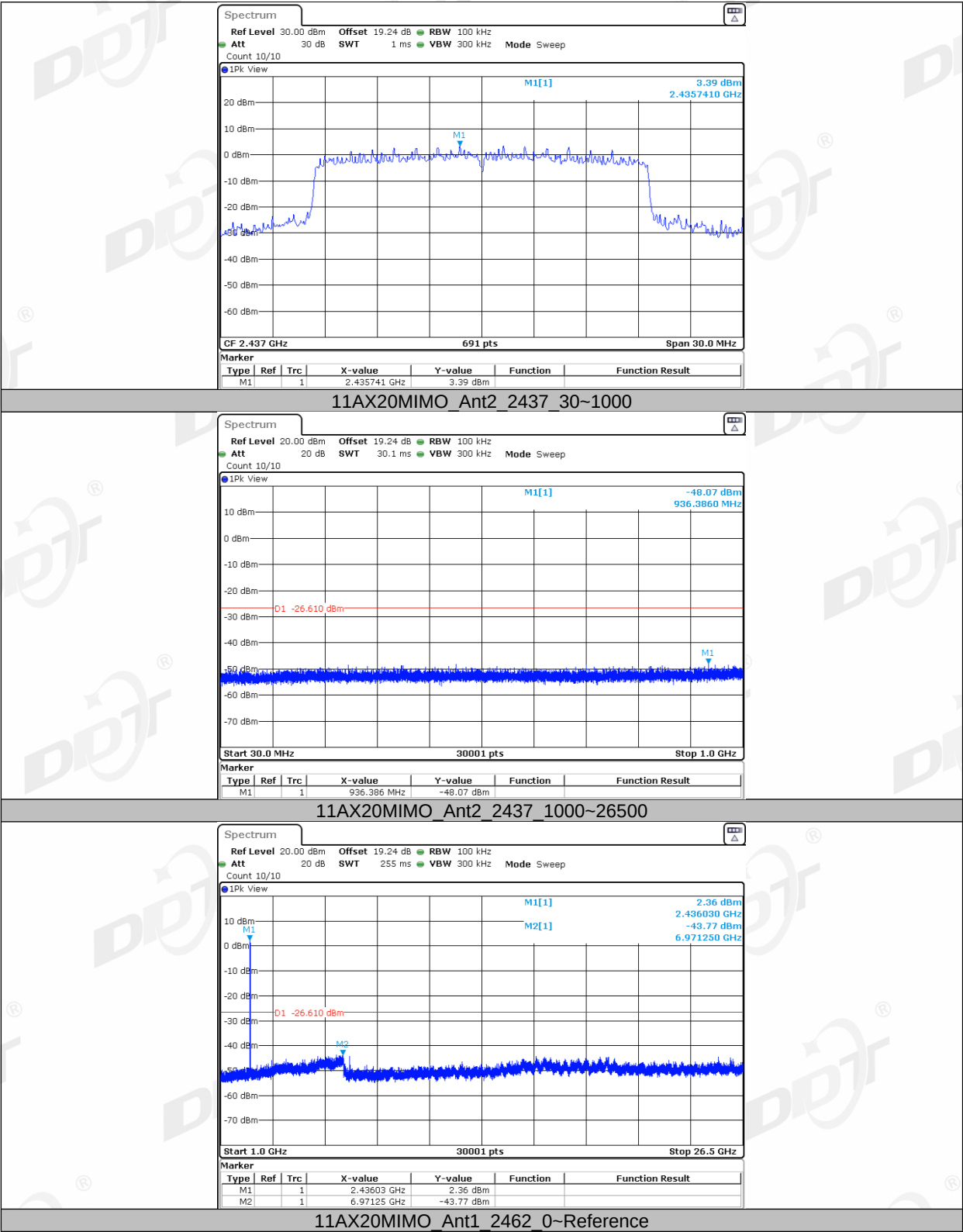


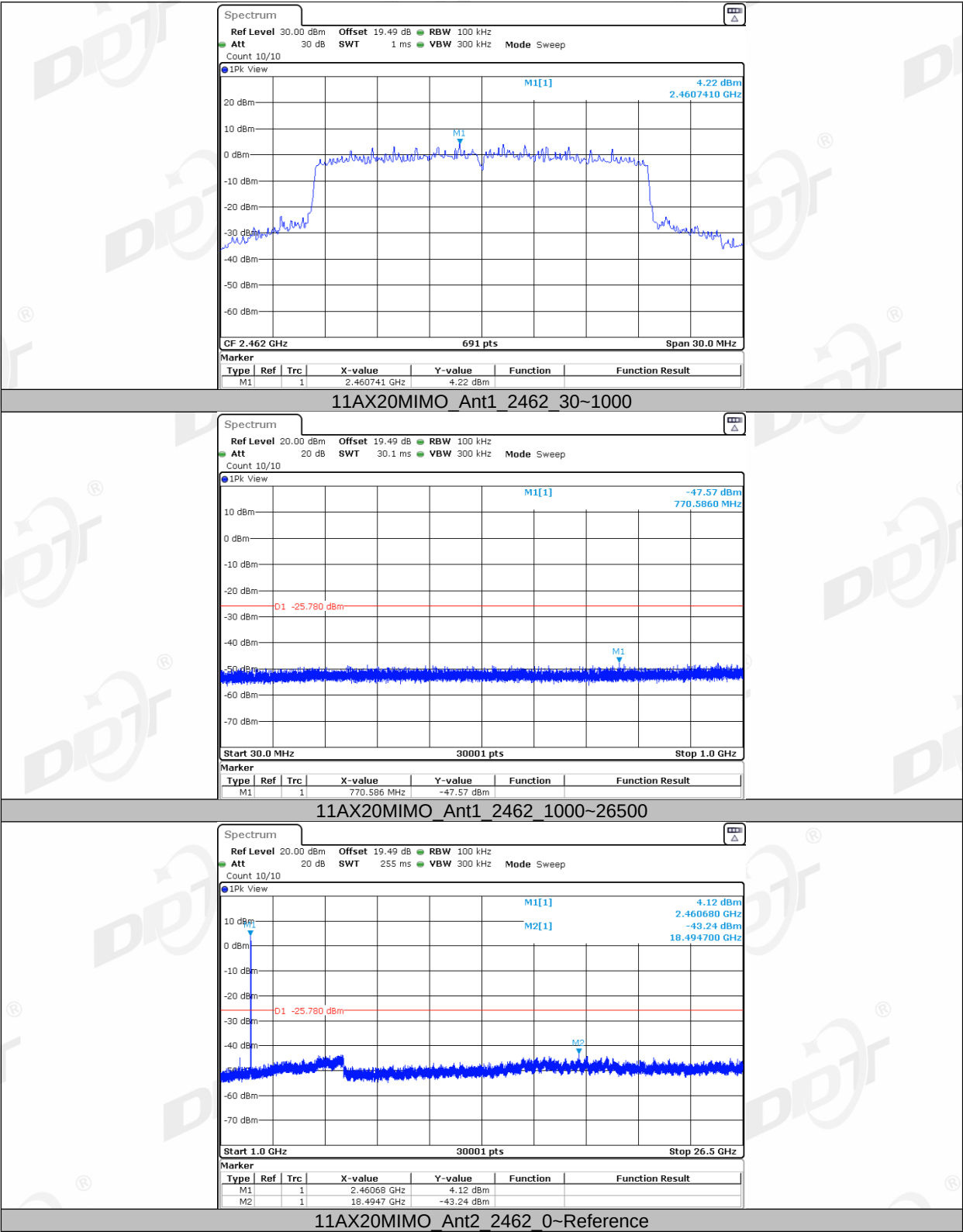


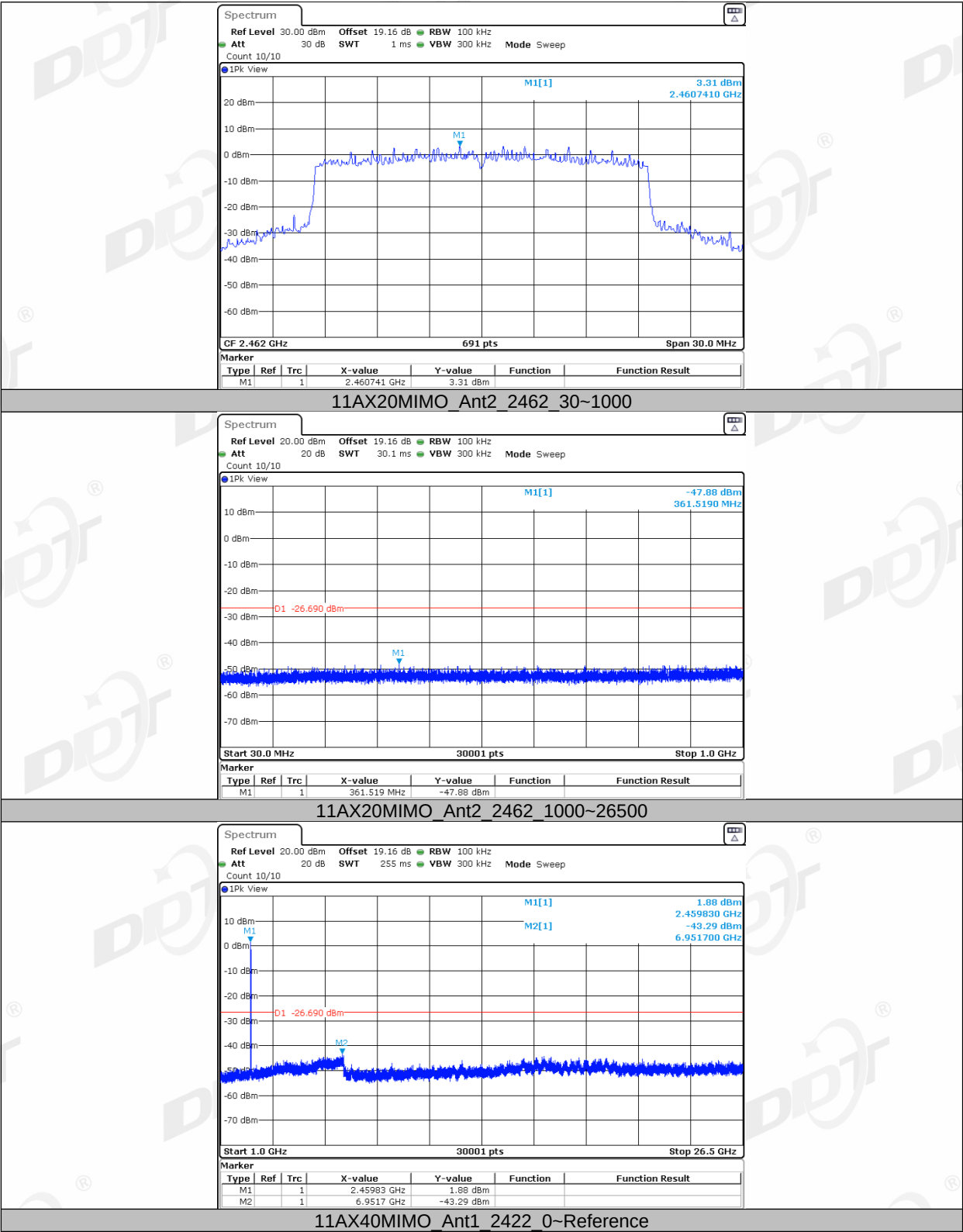


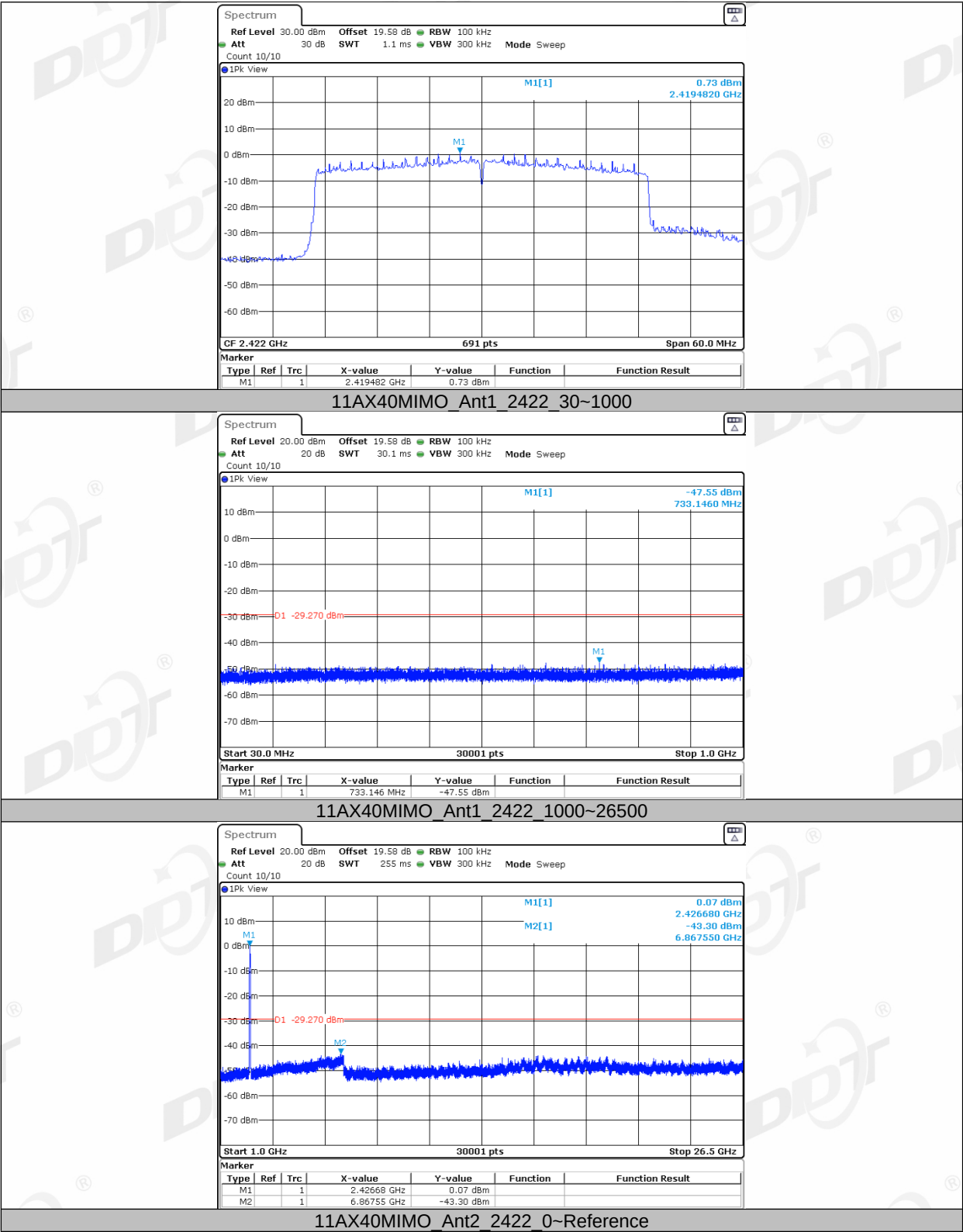


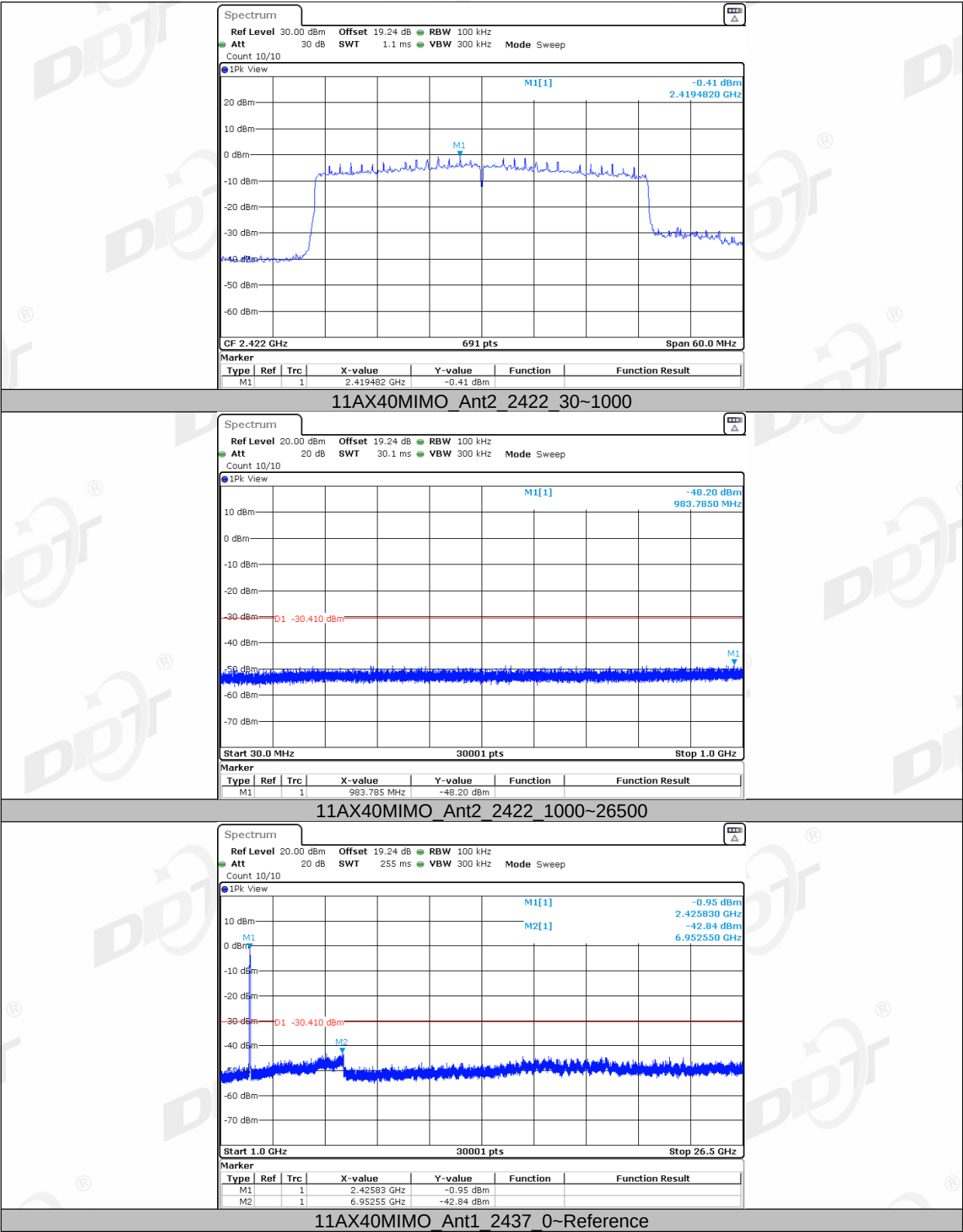


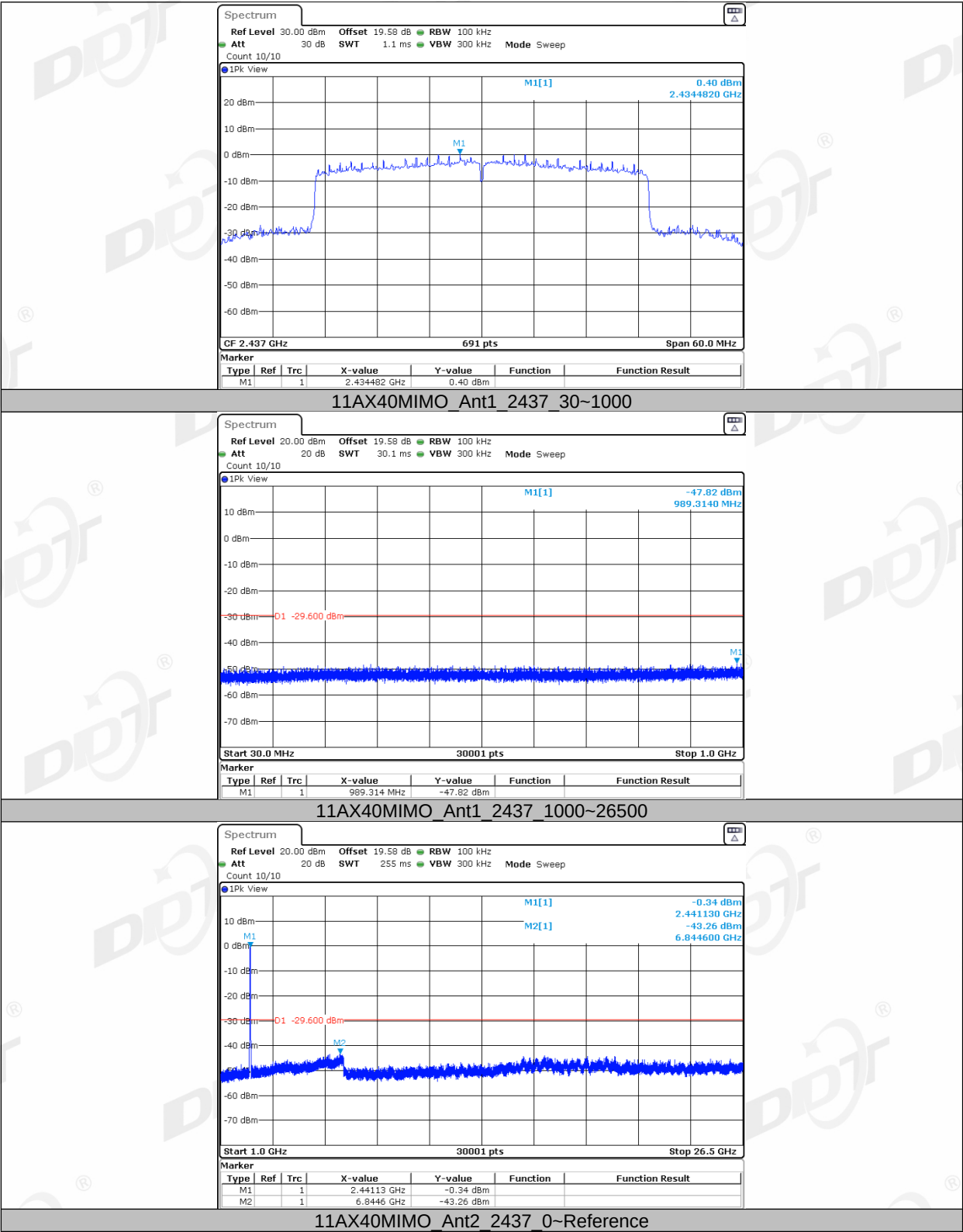


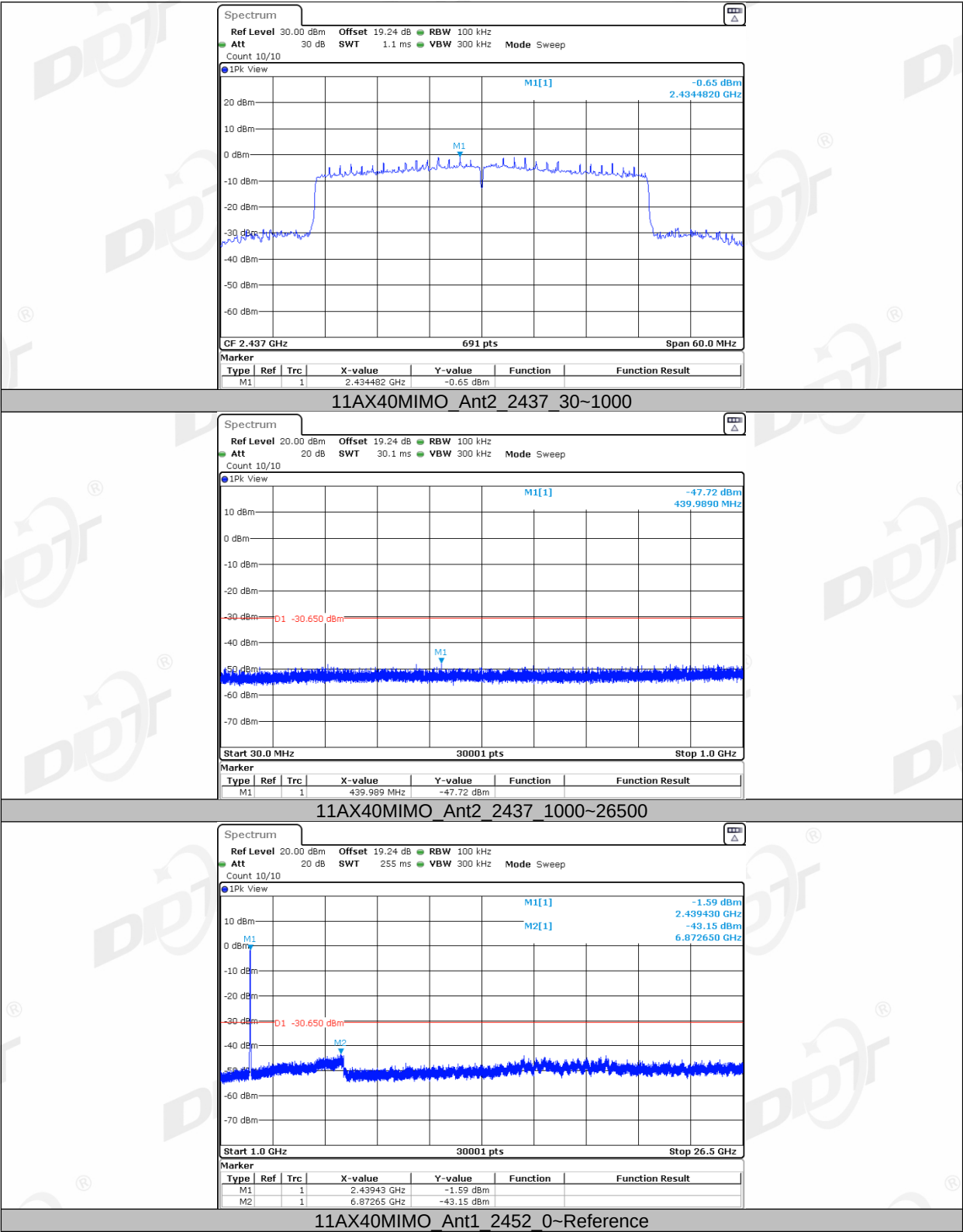


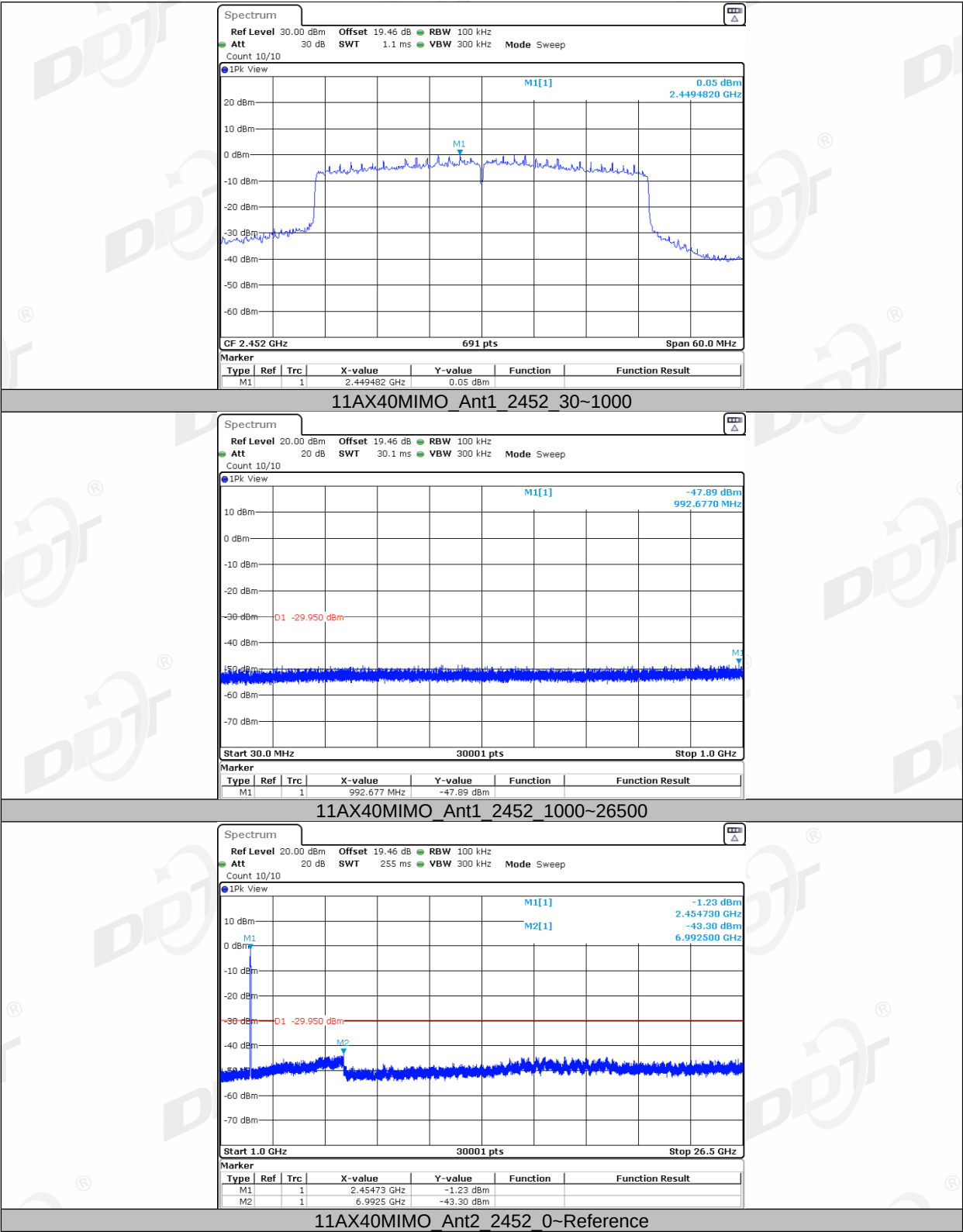


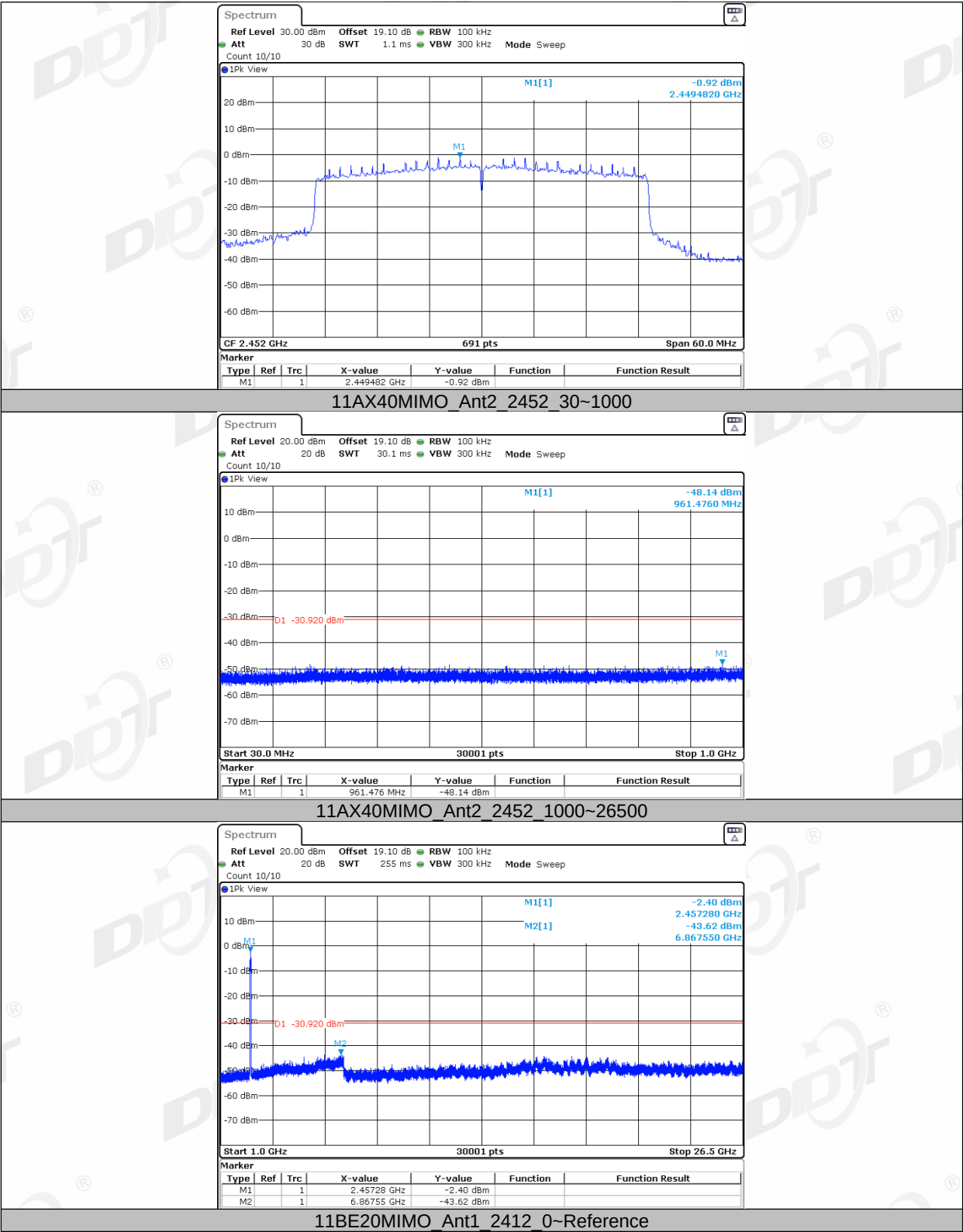


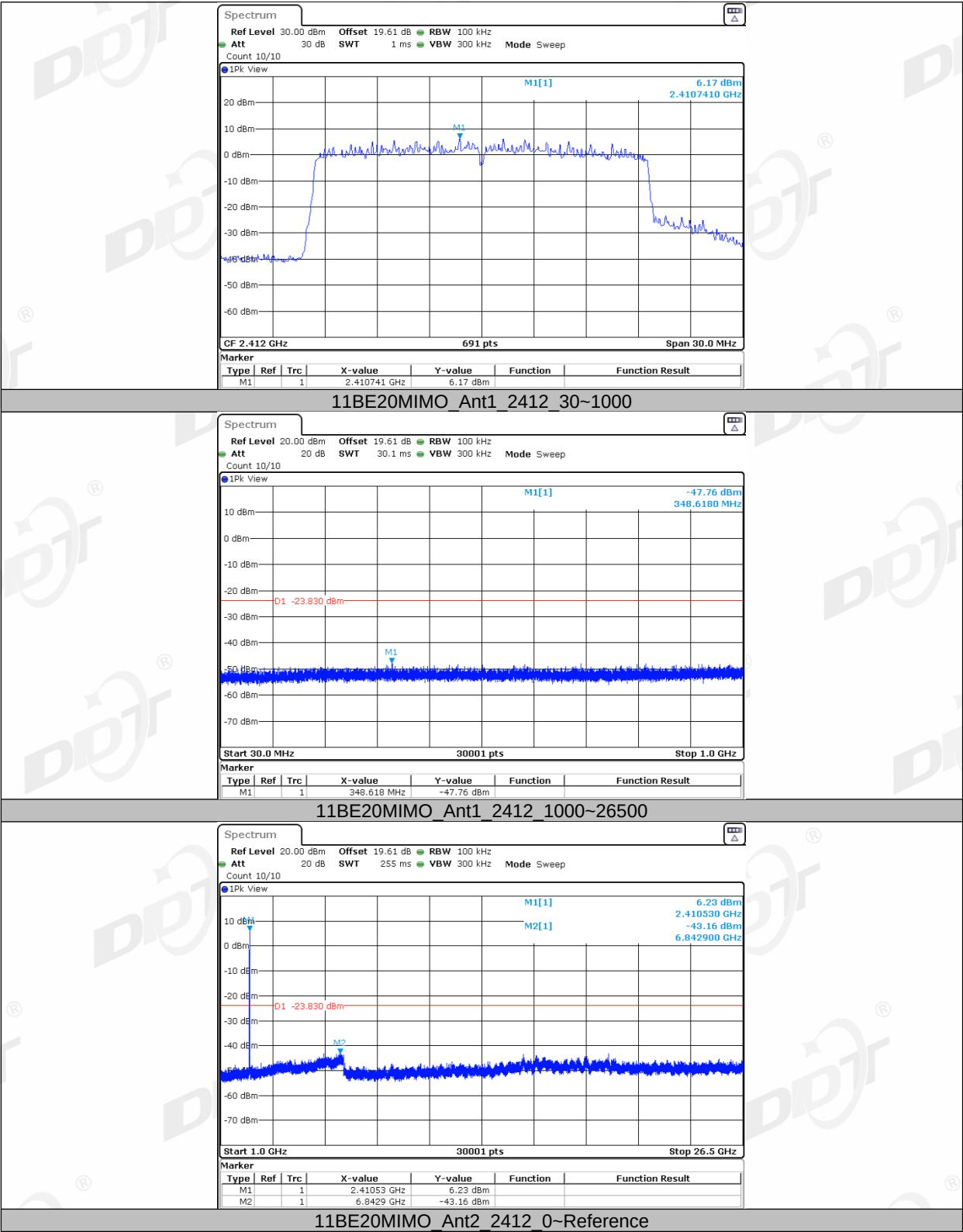


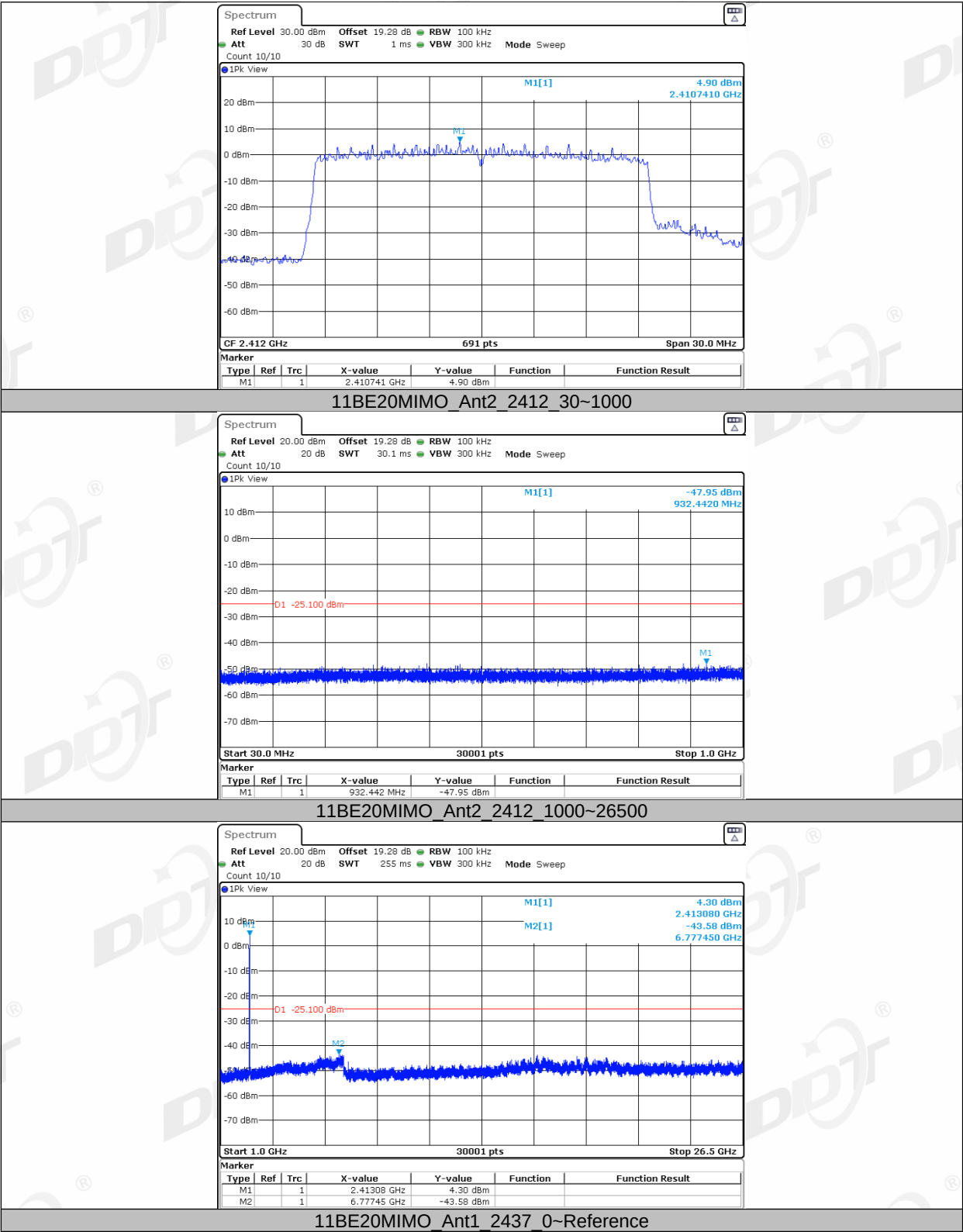


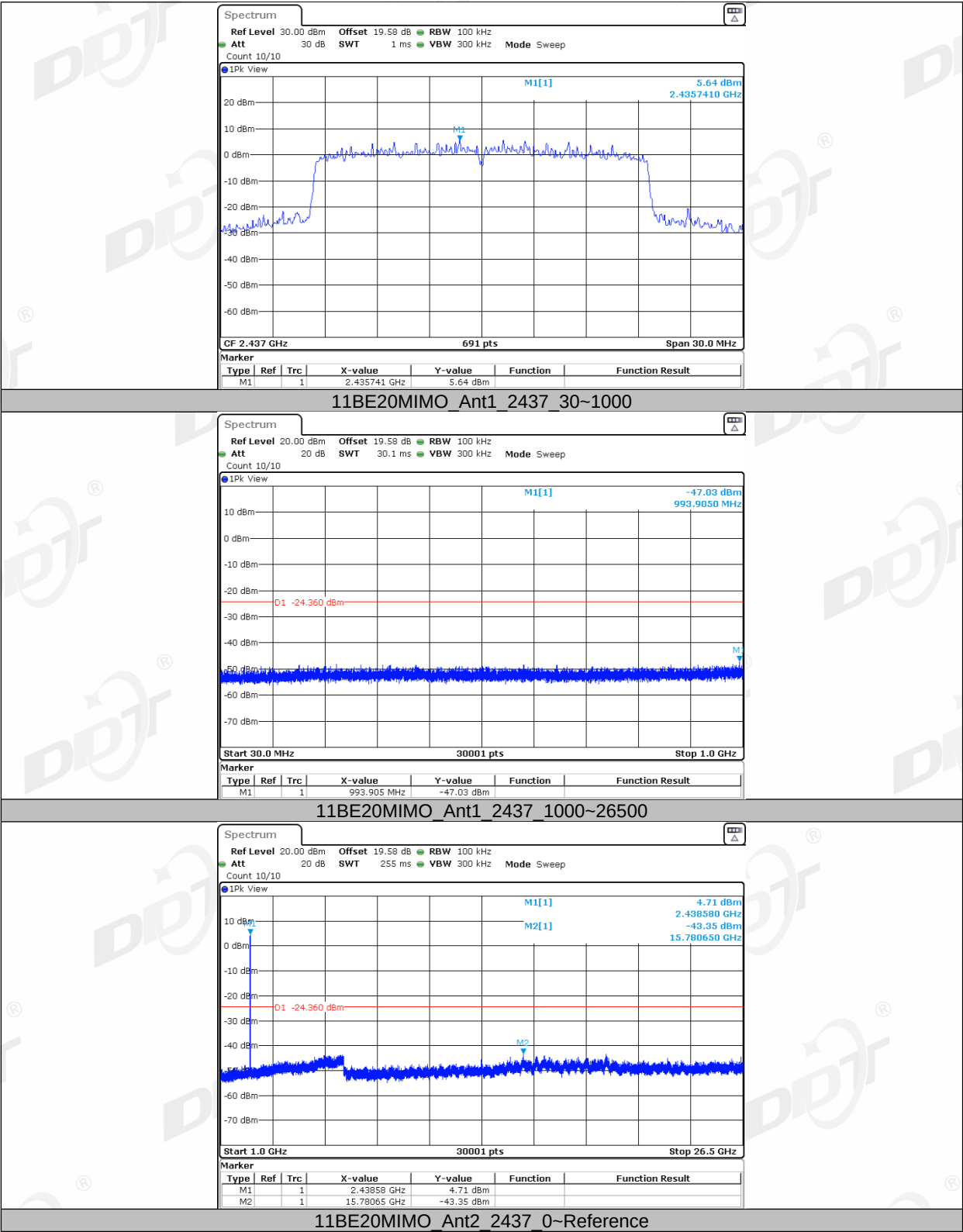


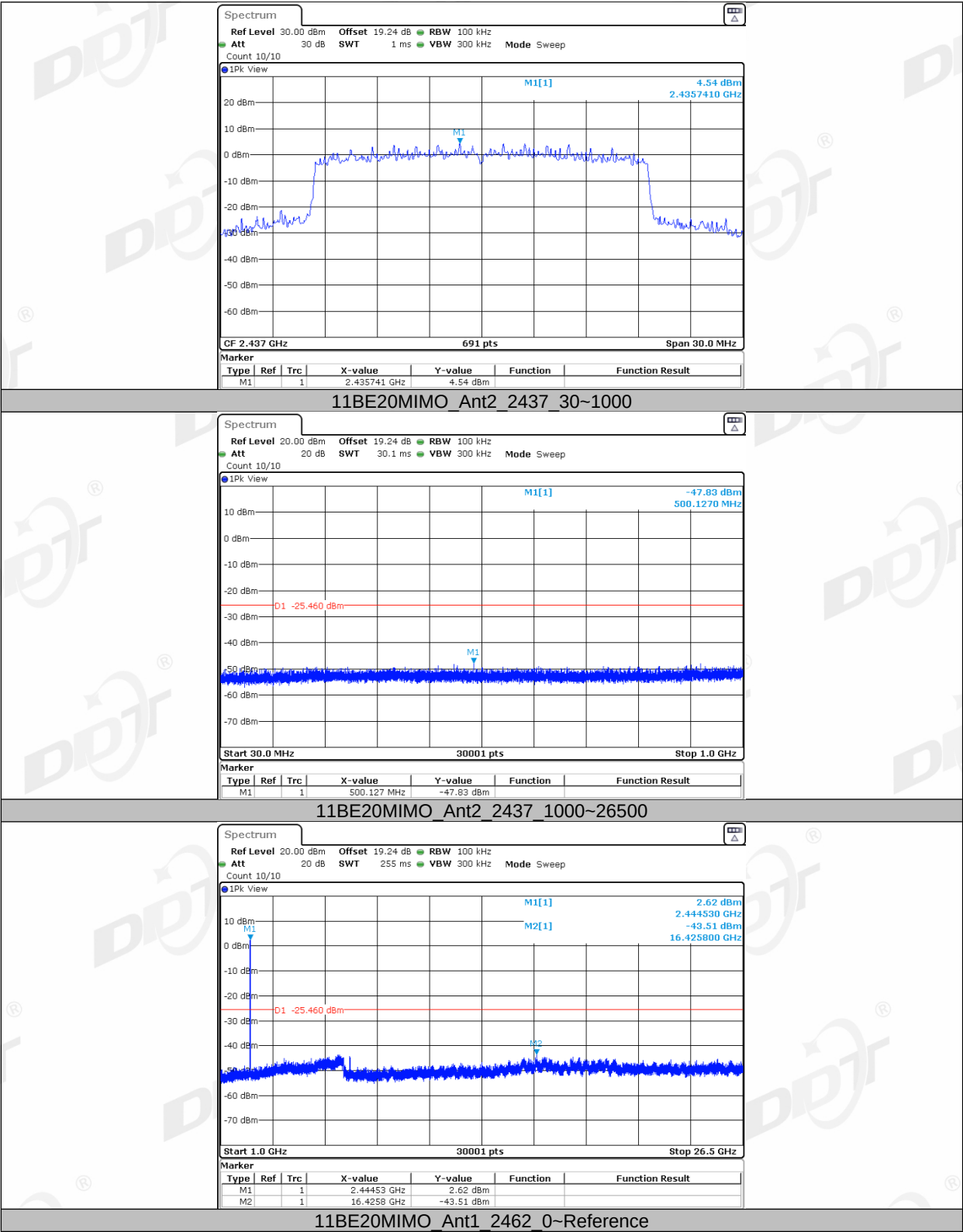


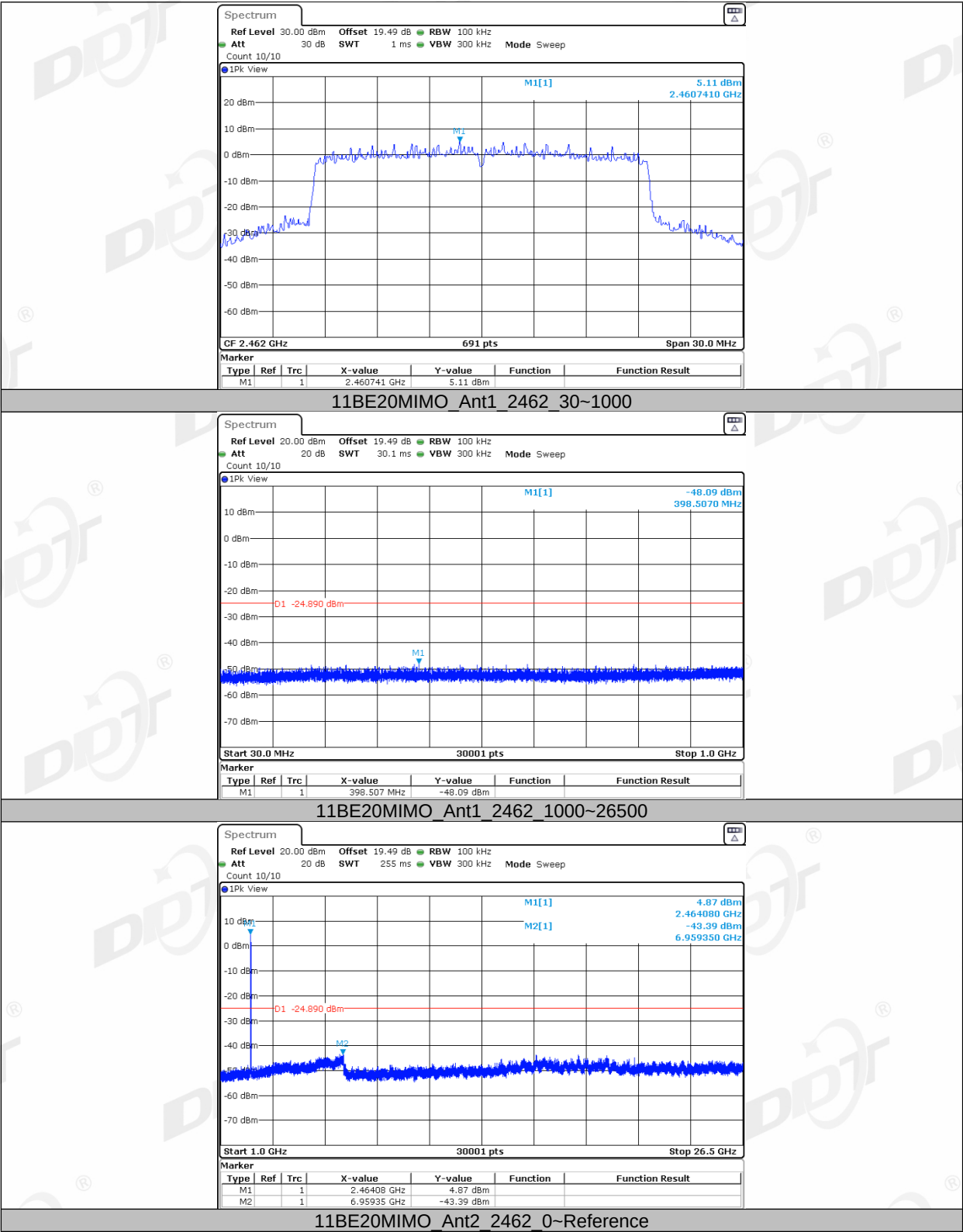


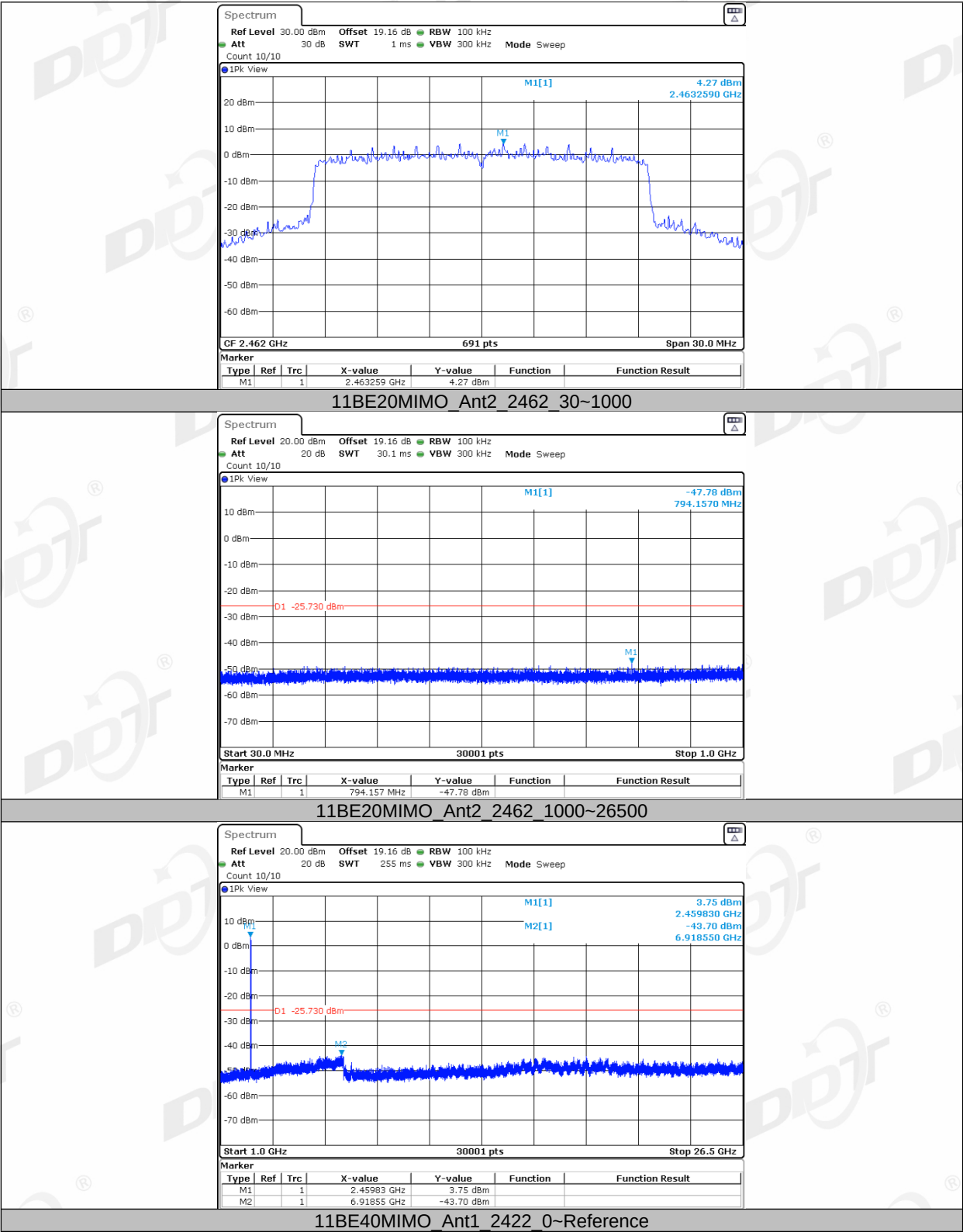


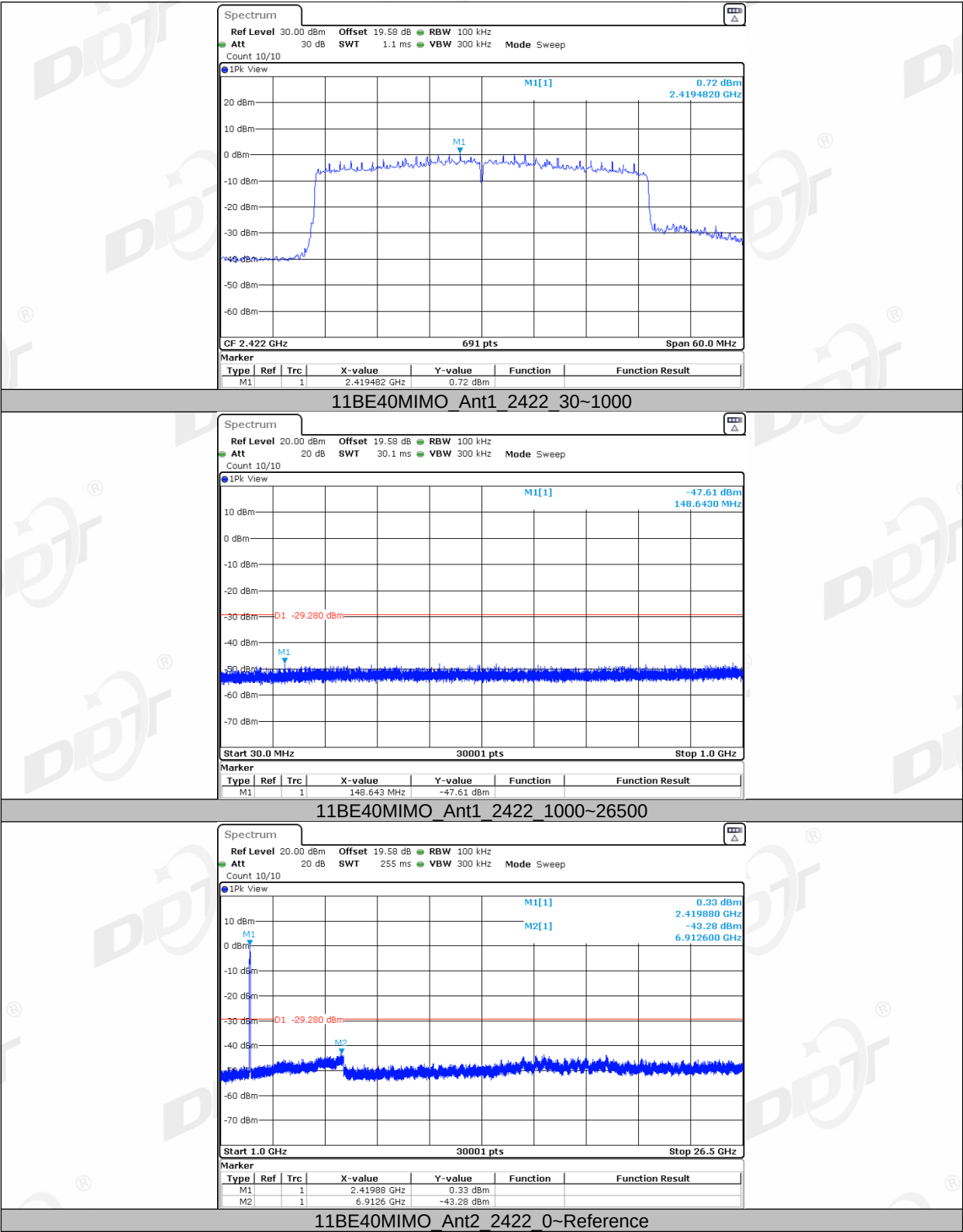


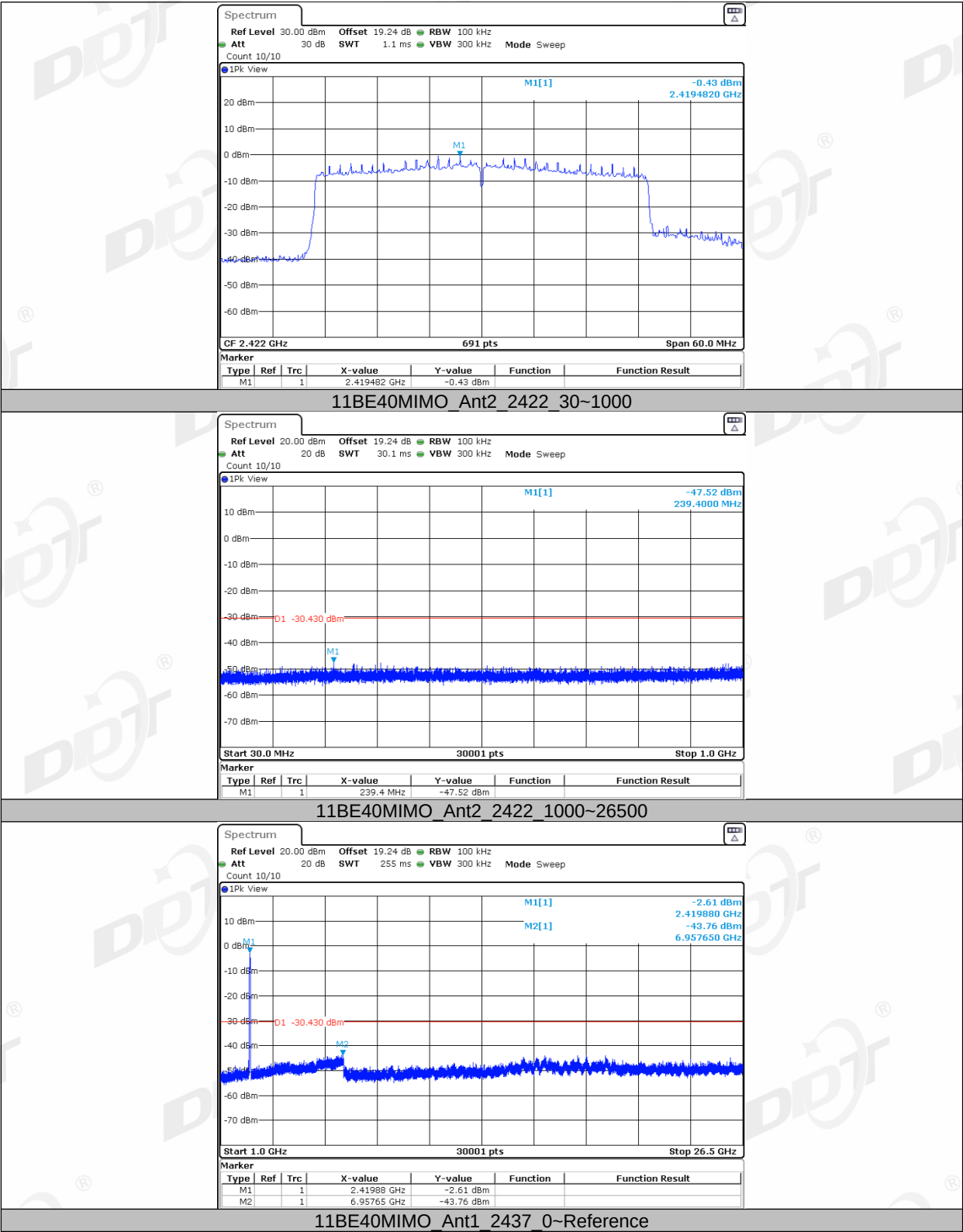


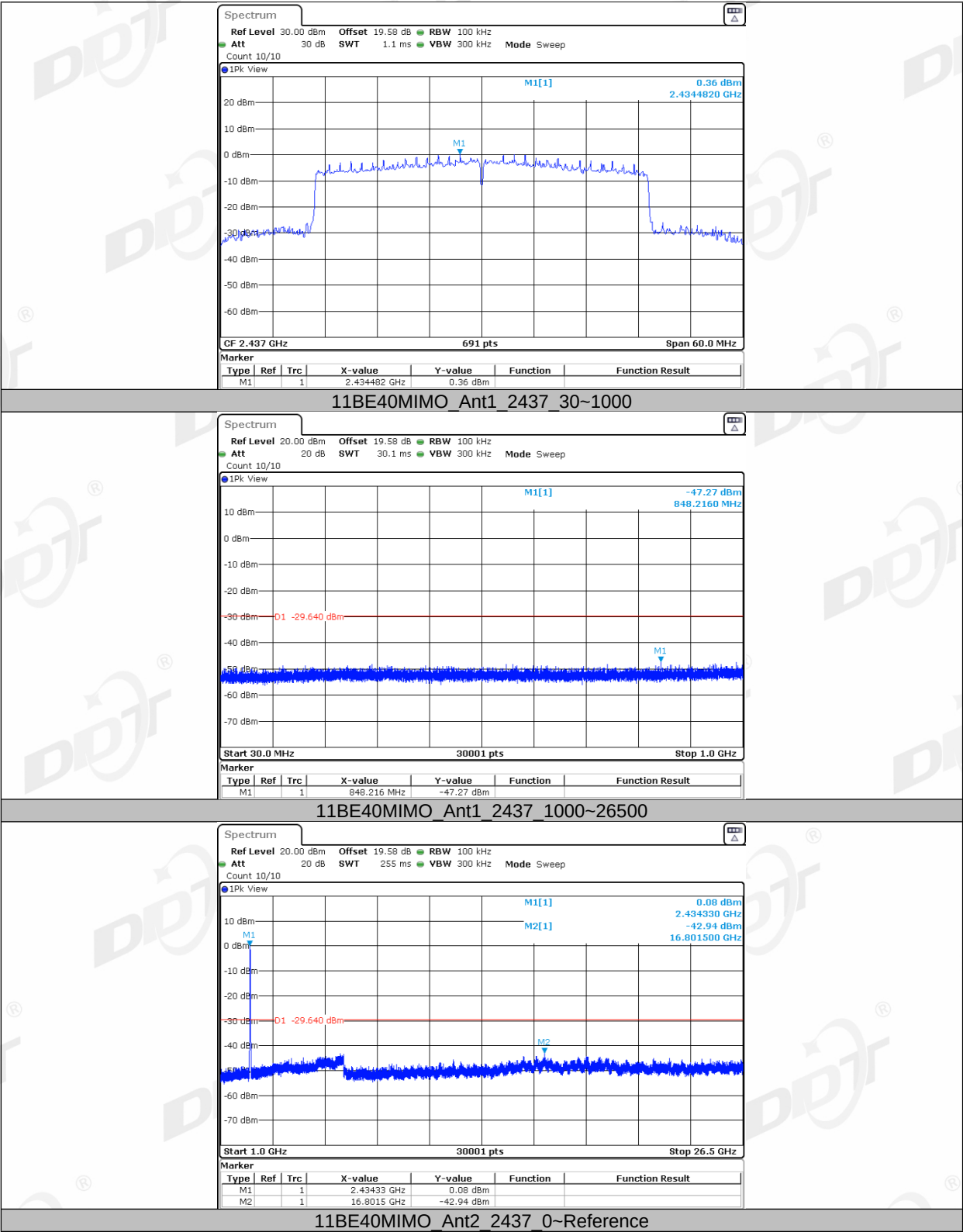


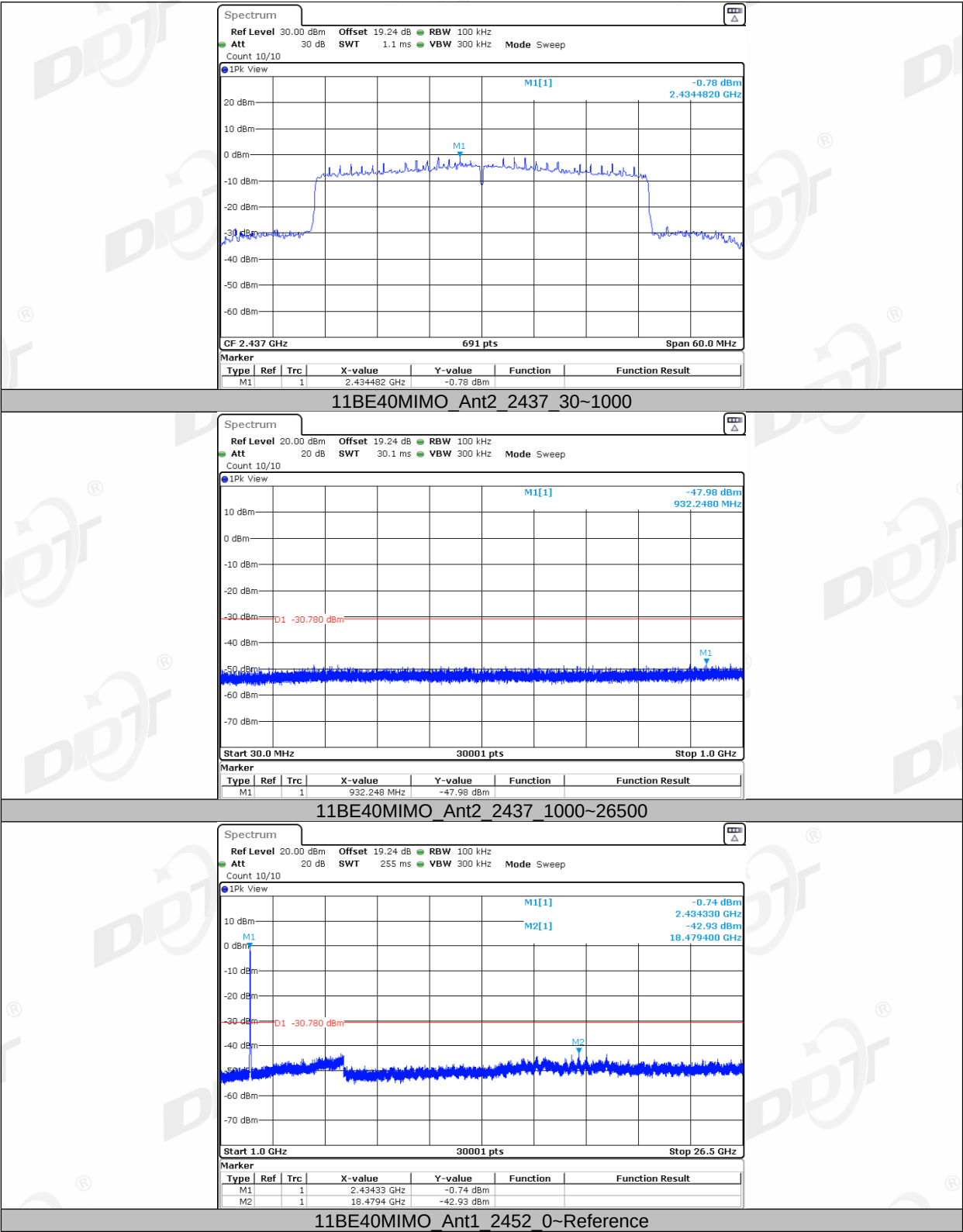


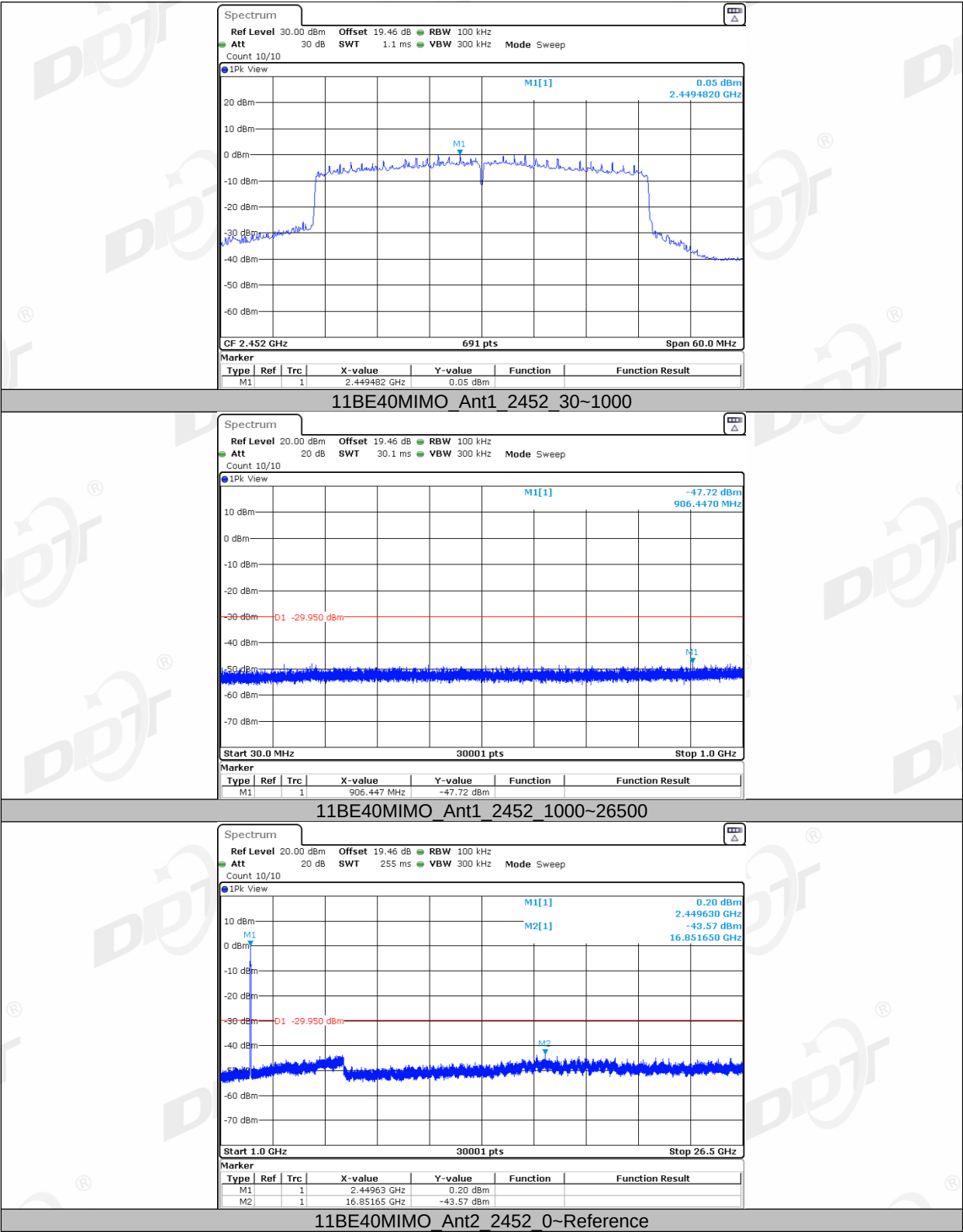


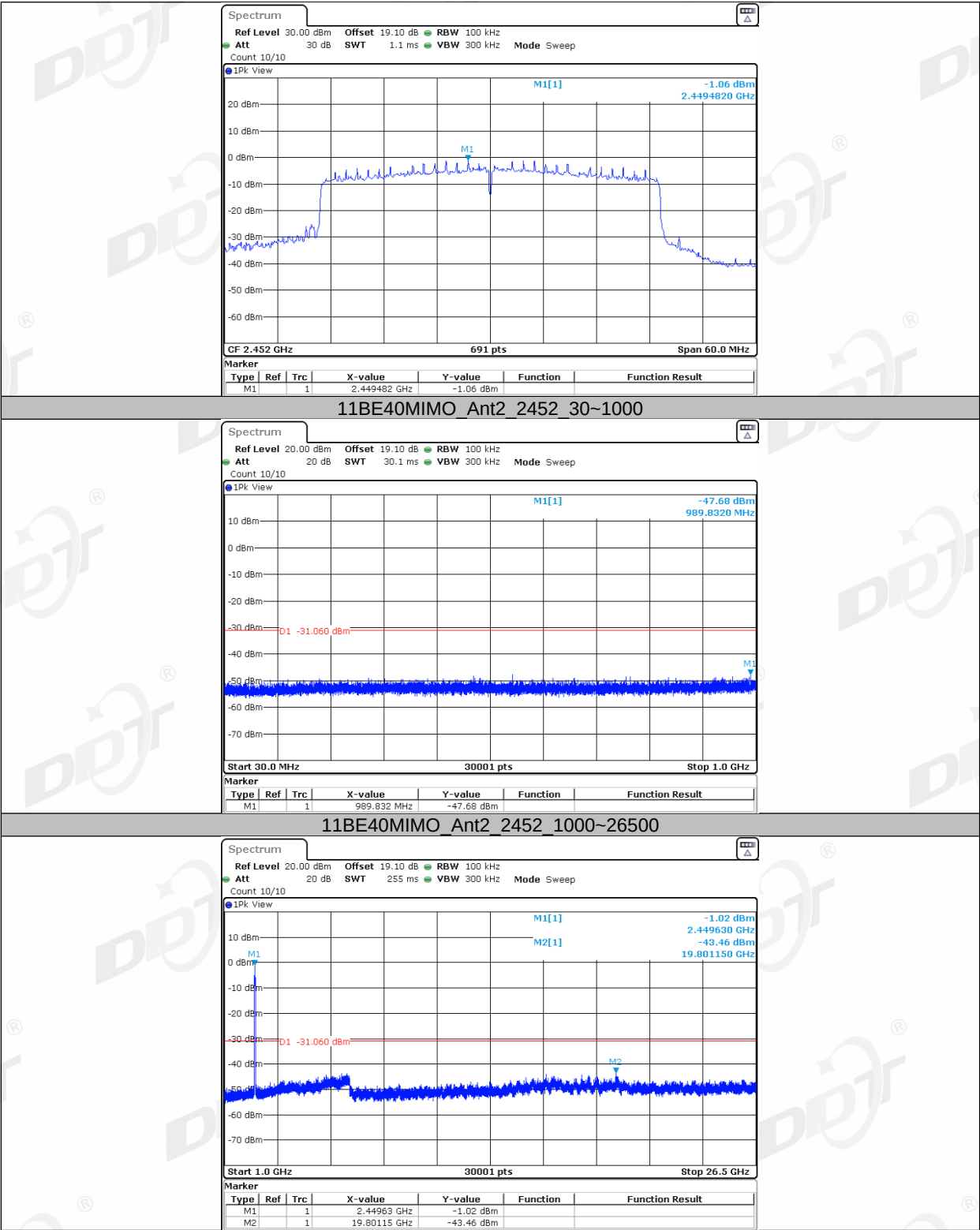






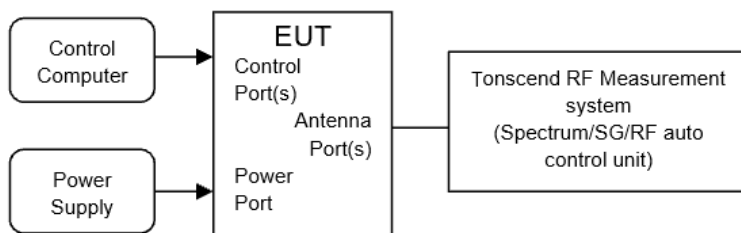






10. Duty Cycle

10.1. Block diagram of test setup



10.2. Limit

Just for Report.

10.3. Test procedure

- (1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, The cable loss and attenuator loss have been put into spectrum analyzer as amplitude offset.
set the Spectrum Analyzer as below:
 - Centre Frequency: The centre frequency of the middle hopping channel.
 - Resolution BW: 10 MHz.
 - Video BW: 10 MHz.
 - Span: Zero span.
 - Detector: Peak.
 - Trace Mode: Clear Write.
 - Sweep: Video Trigger
- (2) When the trace is complete, measure the sending time of 1 burst and the duty cycle of 1 burst cycle.
- (3) Calculate dwell time follow below formula:
Duty cycle= Pulse's on time / Burst cycle

10.4. Test result

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.6-25.1℃,30.5-48.9%RH	Test Date:	2025.11.14-2025.11.17
Test Power Supply:	DC 12V	Sample Number:	S25081330-001

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.40	8.47	99.17
	Ant2	2412	8.39	8.46	99.17
	Ant1	2437	8.40	8.46	99.29
	Ant2	2437	8.39	8.47	99.06
	Ant1	2462	8.39	8.46	99.17
	Ant2	2462	8.39	8.46	99.17
11G	Ant1	2412	1.39	1.45	95.86
	Ant2	2412	1.39	1.45	95.86
	Ant1	2437	1.40	1.45	96.55
	Ant2	2437	1.39	1.46	95.21
	Ant1	2462	1.39	1.46	95.21
	Ant2	2462	1.40	1.46	95.89
11N20MIMO	Ant1	2412	0.10	0.16	62.50
	Ant2	2412	0.10	0.17	58.82
	Ant1	2437	0.10	0.17	58.82
	Ant2	2437	0.10	0.16	62.50
	Ant1	2462	0.10	0.17	58.82
	Ant2	2462	0.10	0.17	58.82
11N40MIMO	Ant1	2422	0.35	0.41	85.37
	Ant2	2422	0.34	0.41	82.93
	Ant1	2437	0.34	0.41	82.93
	Ant2	2437	0.34	0.41	82.93
	Ant1	2452	0.35	0.41	85.37
	Ant2	2452	0.35	0.41	85.37
11AX20MIMO	Ant1	2412	0.31	0.38	81.58
	Ant2	2412	0.31	0.38	81.58
	Ant1	2437	0.31	0.38	81.58
	Ant2	2437	0.31	0.38	81.58
	Ant1	2462	0.31	0.37	83.78
	Ant2	2462	0.31	0.37	83.78
11AX40MIMO	Ant1	2422	0.31	0.38	81.58
	Ant2	2422	0.31	0.38	81.58
	Ant1	2437	0.31	0.37	83.78
	Ant2	2437	0.31	0.36	86.11
	Ant1	2452	0.31	0.38	81.58
	Ant2	2452	0.31	0.37	83.78
11BE20MIMO	Ant1	2412	0.21	0.27	77.78
	Ant2	2412	0.21	0.27	77.78
	Ant1	2437	0.20	0.27	74.07
	Ant2	2437	0.21	0.28	75.00
	Ant1	2462	0.21	0.27	77.78
	Ant2	2462	0.21	0.28	75.00
11BE40MIMO	Ant1	2422	0.21	0.27	77.78
	Ant2	2422	0.21	0.27	77.78
	Ant1	2437	0.21	0.28	75.00
	Ant2	2437	0.21	0.28	75.00
	Ant1	2452	0.21	0.27	77.78
	Ant2	2452	0.21	0.28	75.00

10.5. Test graphs









