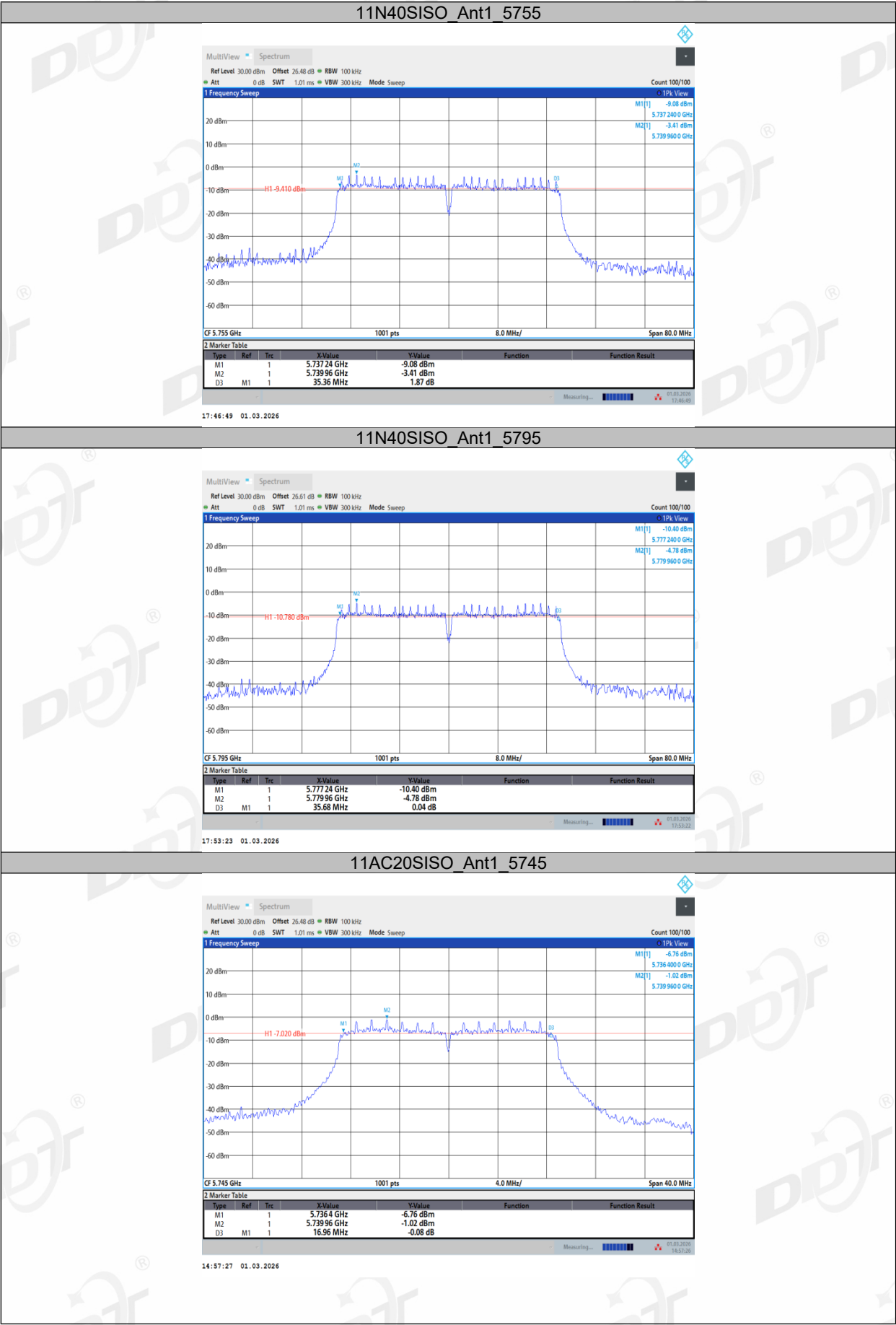
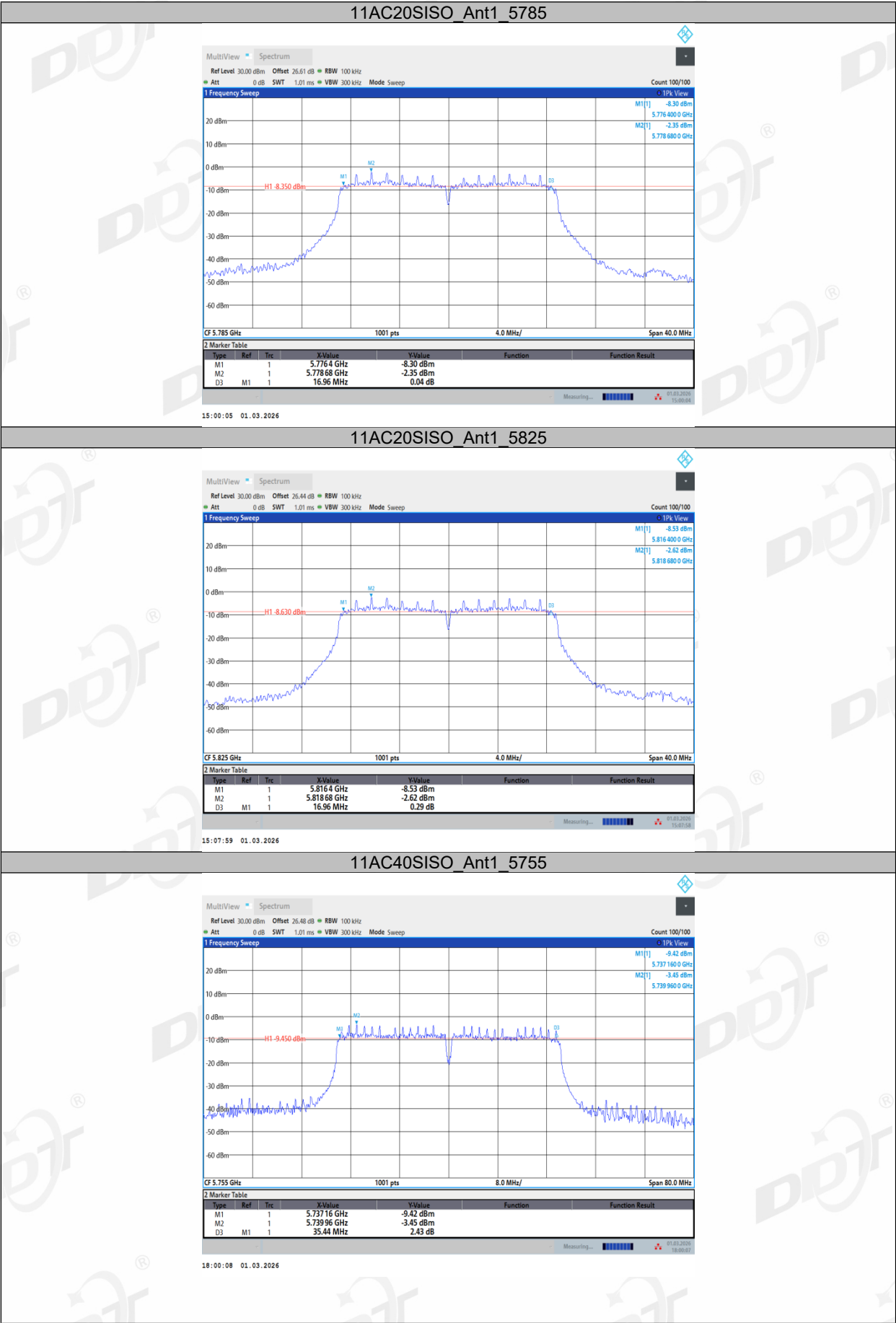
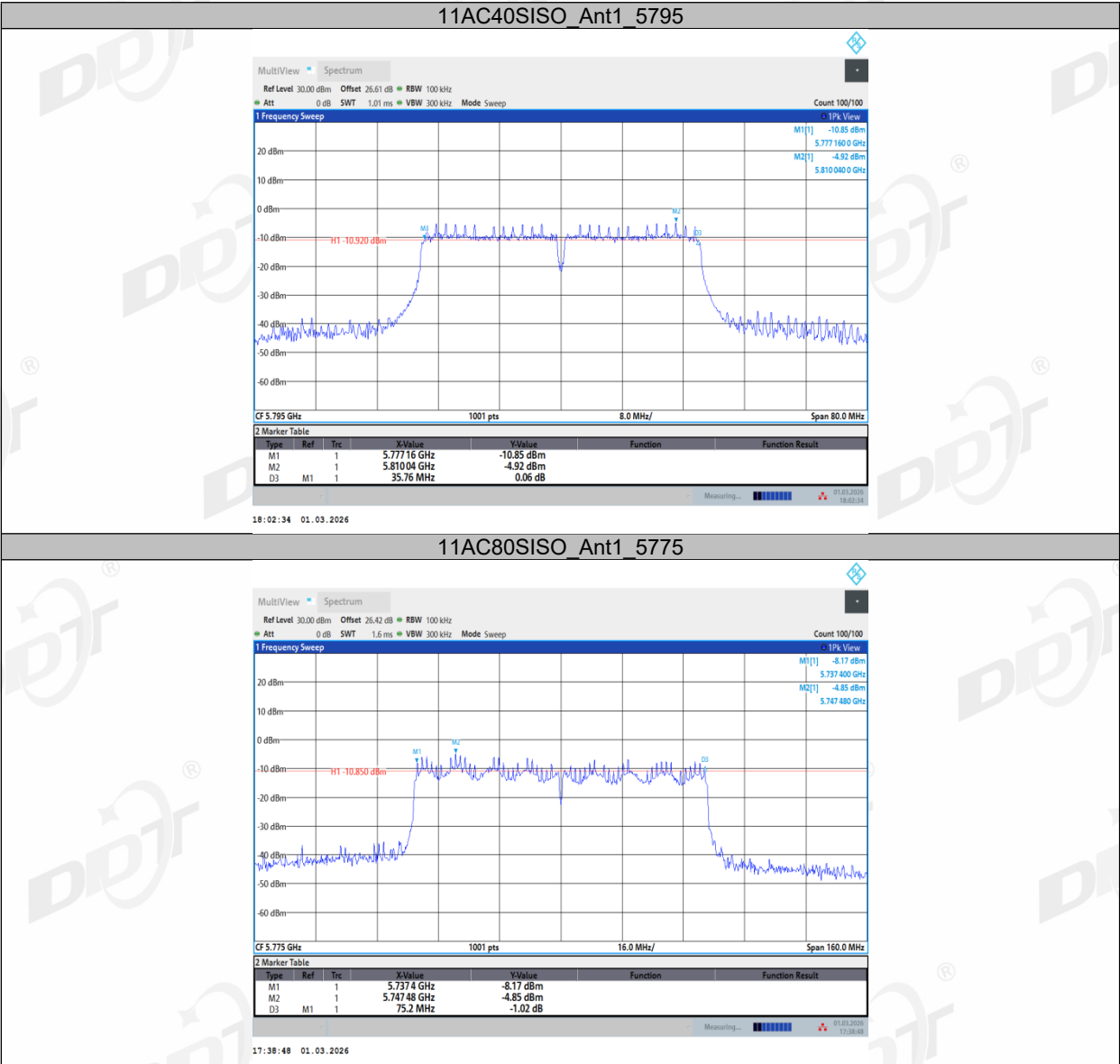


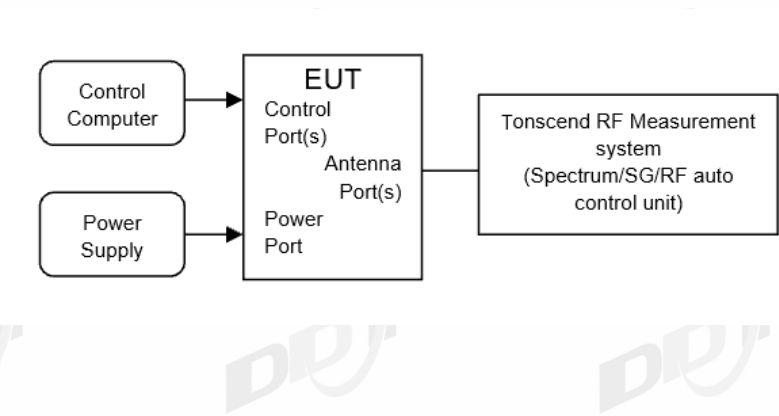






6. 99% Bandwidth

6.1. Block diagram of test setup



6.2. Limits

Just for Report.

6.3. Test procedure

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

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	1% to 5% of the OBW
VBW	approximately three times the RBW
Trace	Max hold

(2) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.

6.4. Test result

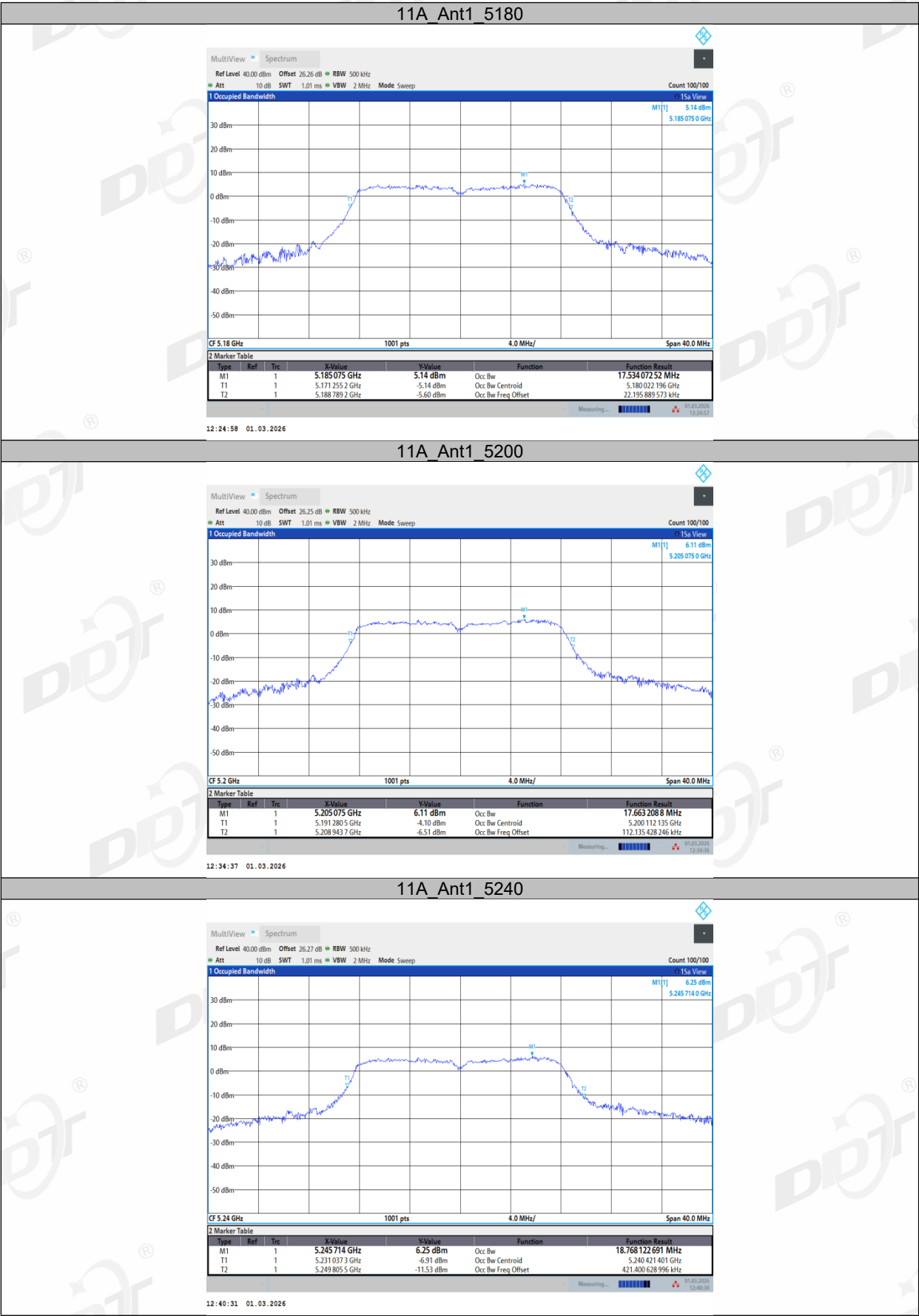
Test Engineer:	Huang Yanwen	Test Site:	RF Measurement system 4#
Ambient Condition:	24.6-27.5°C,36.9-48.2%RH	Test Date:	2026.03.01-2026.05.08
Test Power Supply:	DC 12V	Sample Number:	S25120138-006

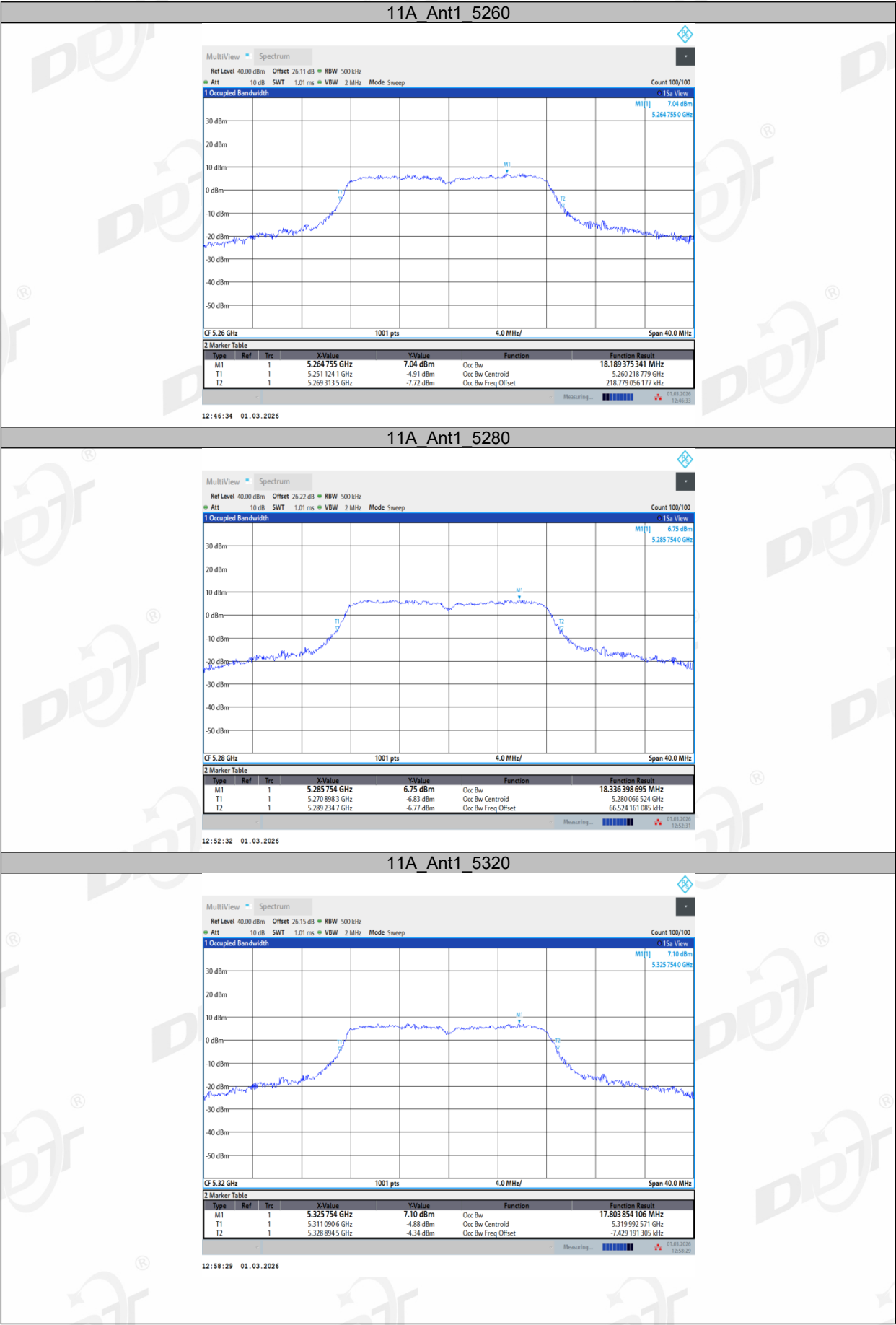
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	17.534	5171.2552	5188.7892	---	---
		5200	17.663	5191.2805	5208.9437	---	---
		5240	18.768	5231.0373	5249.8055	---	---
		5260	18.189	5251.1241	5269.3135	---	---
		5280	18.336	5270.8983	5289.2347	---	---
		5320	17.804	5311.0906	5328.8945	---	---
		5500	17.340	5491.2637	5508.6034	---	---
		5580	17.296	5571.3354	5588.6314	---	---
		5700	17.315	5691.2682	5708.5835	---	---
		5720	17.340	5711.2804	5728.6208	---	---
		5720_UNII-2C	13.72	5711.2804	5725	---	---
		5720_UNII-3	3.621	5725	5728.6208	---	---
		5745	17.308	5736.3022	5753.6099	---	---
		5785	17.338	5776.2686	5793.6065	---	---
		5825	17.287	5816.3154	5833.6019	---	---
11N20SISO	Ant1	5180	18.417	5170.8953	5189.3120	---	---
		5200	18.506	5190.8975	5209.4036	---	---
		5240	19.606	5230.6234	5250.2296	---	---
		5260	18.959	5250.7330	5269.6916	---	---
		5280	19.146	5270.4702	5289.6158	---	---
		5320	18.720	5310.6588	5329.3787	---	---
		5500	18.233	5490.8972	5509.1298	---	---
		5580	18.197	5570.9598	5589.1569	---	---
		5700	18.196	5690.9027	5709.0987	---	---

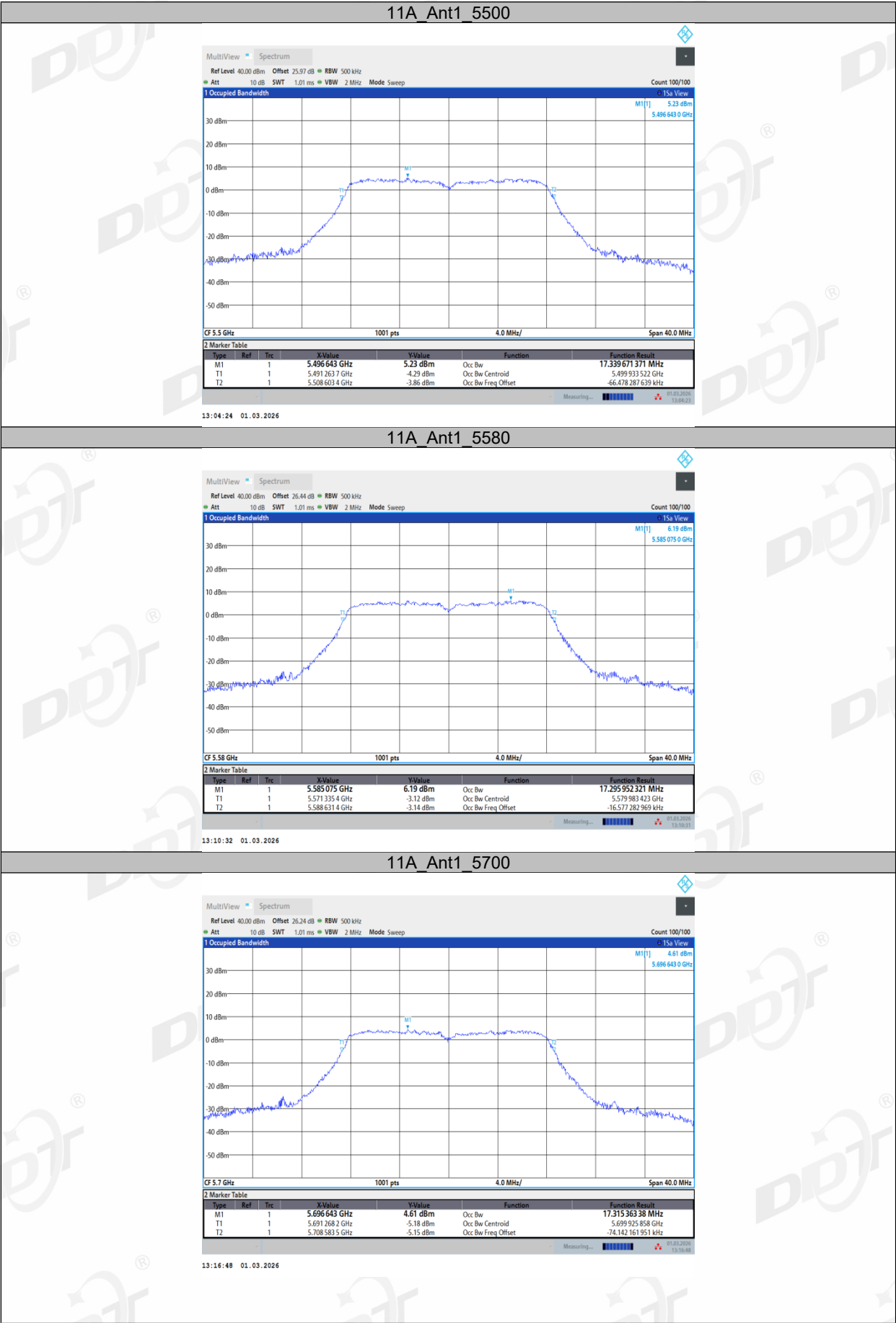
		5720	18.214	5710.9156	5729.1297	---	---
		5720_UNII-2C	14.084	5710.9156	5725	---	---
		5720_UNII-3	4.13	5725	5729.1297	---	---
		5745	18.156	5735.9280	5754.0841	---	---
		5785	18.208	5775.9053	5794.1138	---	---
		5825	18.203	5815.9314	5834.1348	---	---
11N40SISO	Ant1	5190	37.131	5171.6241	5208.7551	---	---
		5230	38.488	5211.3794	5249.8674	---	---
		5270	37.537	5251.4523	5288.9897	---	---
		5310	37.357	5291.4545	5328.8112	---	---
		5510	36.822	5491.5240	5528.3461	---	---
		5550	36.774	5531.6296	5568.4035	---	---
		5670	36.810	5651.4745	5688.2848	---	---
		5710	36.644	5691.6673	5728.3110	---	---
		5710_UNII-2C	33.333	5691.6673	5725	---	---
		5710_UNII-3	3.311	5725	5728.3110	---	---
		5755	36.675	5736.5675	5773.2425	---	---
		5795	36.873	5776.5260	5813.3991	---	---
11AC20SISO	Ant1	5180	18.469	5170.8372	5189.3063	---	---
		5200	18.628	5190.8484	5209.4761	---	---
		5240	20.356	5230.5674	5250.9238	---	---
		5260	19.334	5250.6634	5269.9973	---	---
		5280	19.343	5270.4272	5289.7702	---	---
		5320	18.908	5310.5802	5329.4880	---	---
		5500	18.225	5490.8787	5509.1041	---	---
		5580	18.191	5570.9106	5589.1016	---	---
		5700	18.234	5690.8370	5709.0713	---	---
		5720	18.224	5710.8743	5729.0982	---	---
		5720_UNII-2C	14.126	5710.8743	5725	---	---
		5720_UNII-3	4.098	5725	5729.0982	---	---

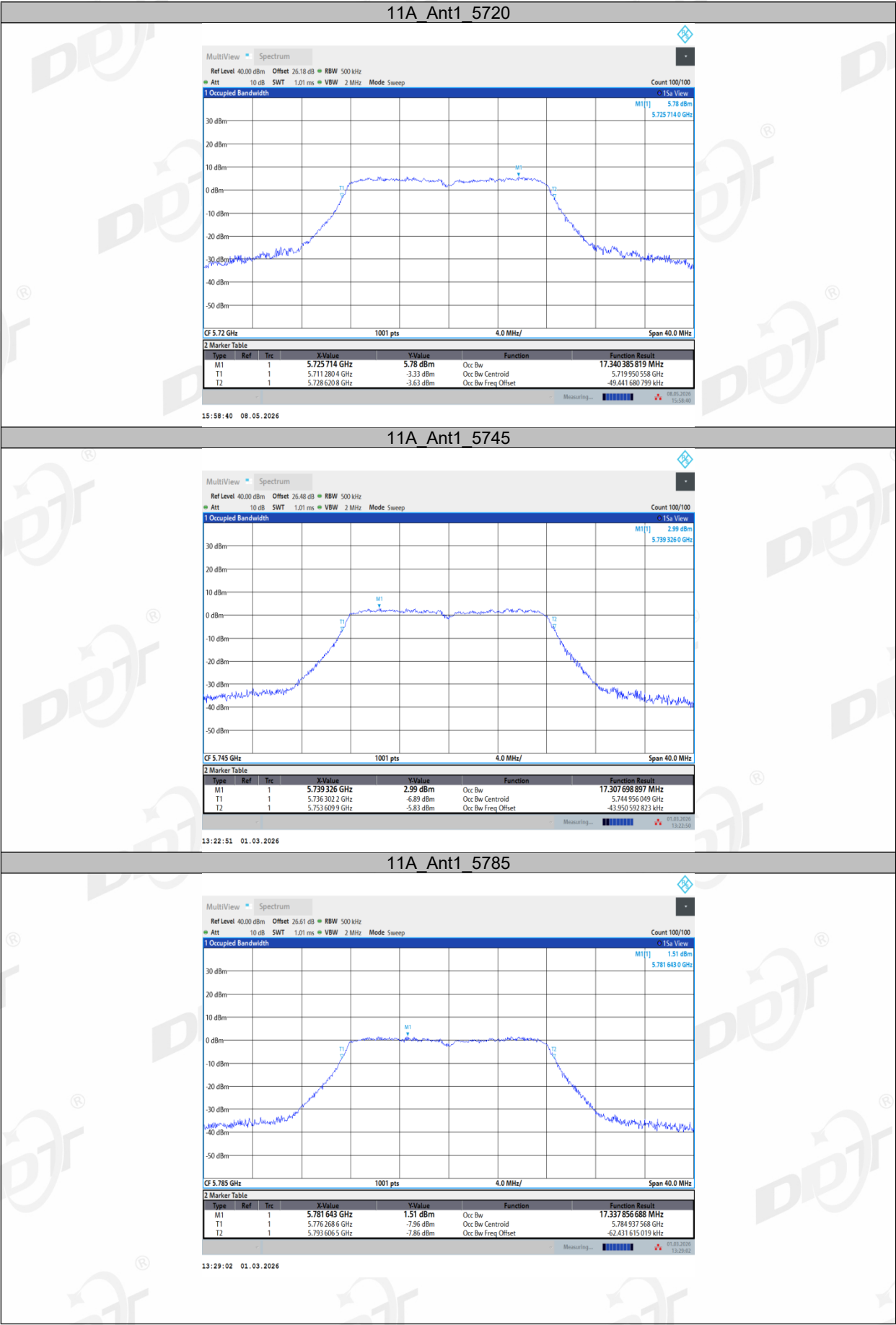
		5745	18.170	5735.8848	5754.0548	---	---
		5785	18.210	5775.8848	5794.0951	---	---
		5825	18.199	5815.9103	5834.1092	---	---
11AC40SIS O	Ant1	5190	36.883	5171.7536	5208.6361	---	---
		5230	37.573	5211.5371	5249.1102	---	---
		5270	37.134	5251.6399	5288.7738	---	---
		5310	37.032	5291.6255	5328.6578	---	---
		5510	36.682	5491.6225	5528.3046	---	---
		5550	36.774	5531.6342	5568.4086	---	---
		5670	36.752	5651.5543	5688.3065	---	---
		5710	36.553	5691.7210	5728.2737	---	---
		5710_UNII-2C	33.279	5691.7210	5725	---	---
		5710_UNII-3	3.274	5725	5728.2737	---	---
		5755	36.674	5736.5851	5773.2589	---	---
		5795	36.754	5776.6217	5813.3752	---	---
11AC80SIS O	Ant1	5210	76.804	5171.8040	5248.6079	---	---
		5290	76.654	5251.7647	5328.4184	---	---
		5530	76.296	5491.7404	5568.0360	---	---
		5610	76.166	5571.7940	5647.9599	---	---
		5690	76.022	5651.9891	5728.0108	---	---
		5690_UNII-2C	73.011	5651.9891	5725	---	---
		5690_UNII-3	3.011	5725	5728.0108	---	---
		5775	76.161	5736.6429	5812.8037	---	---

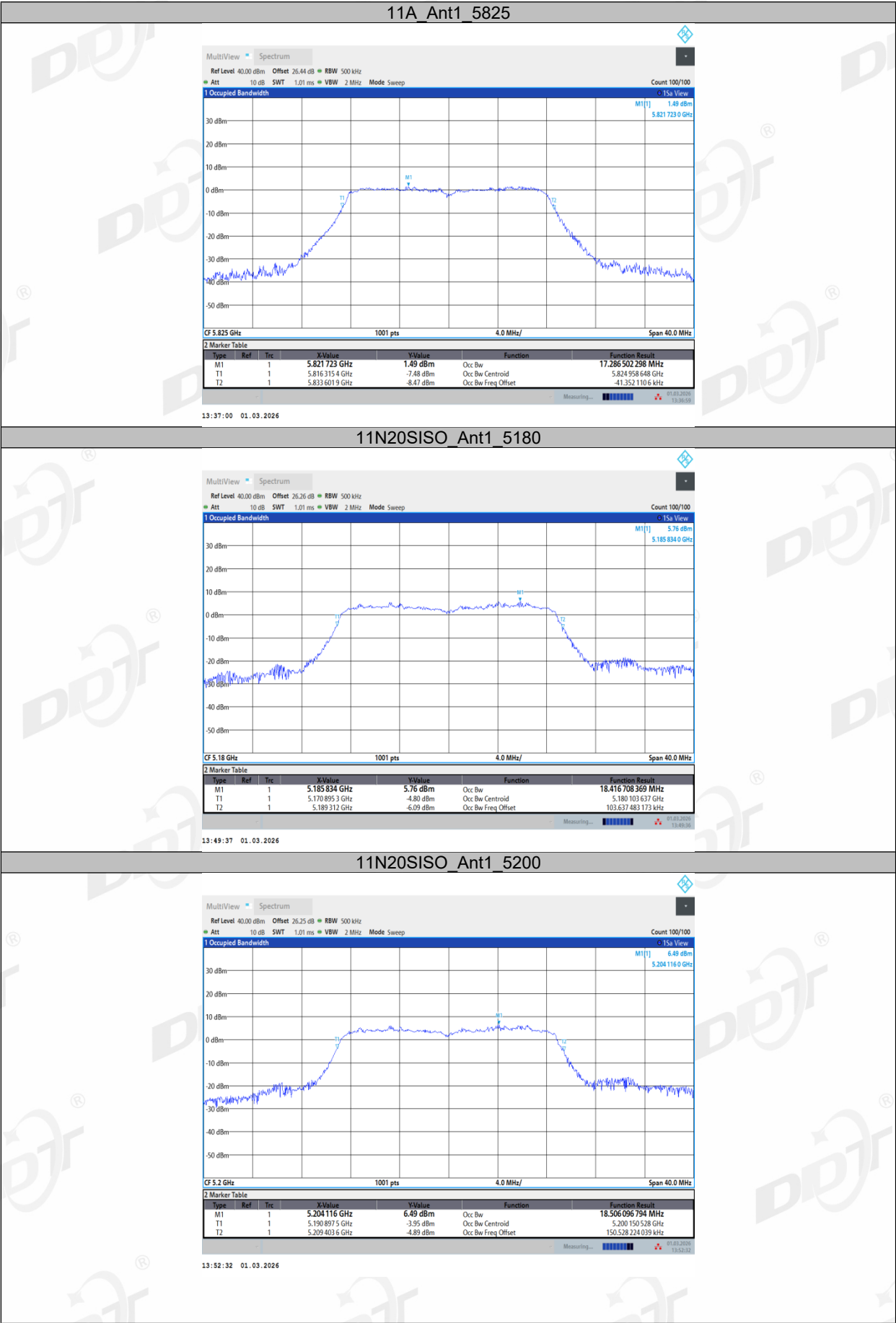
6.5. Test graphs

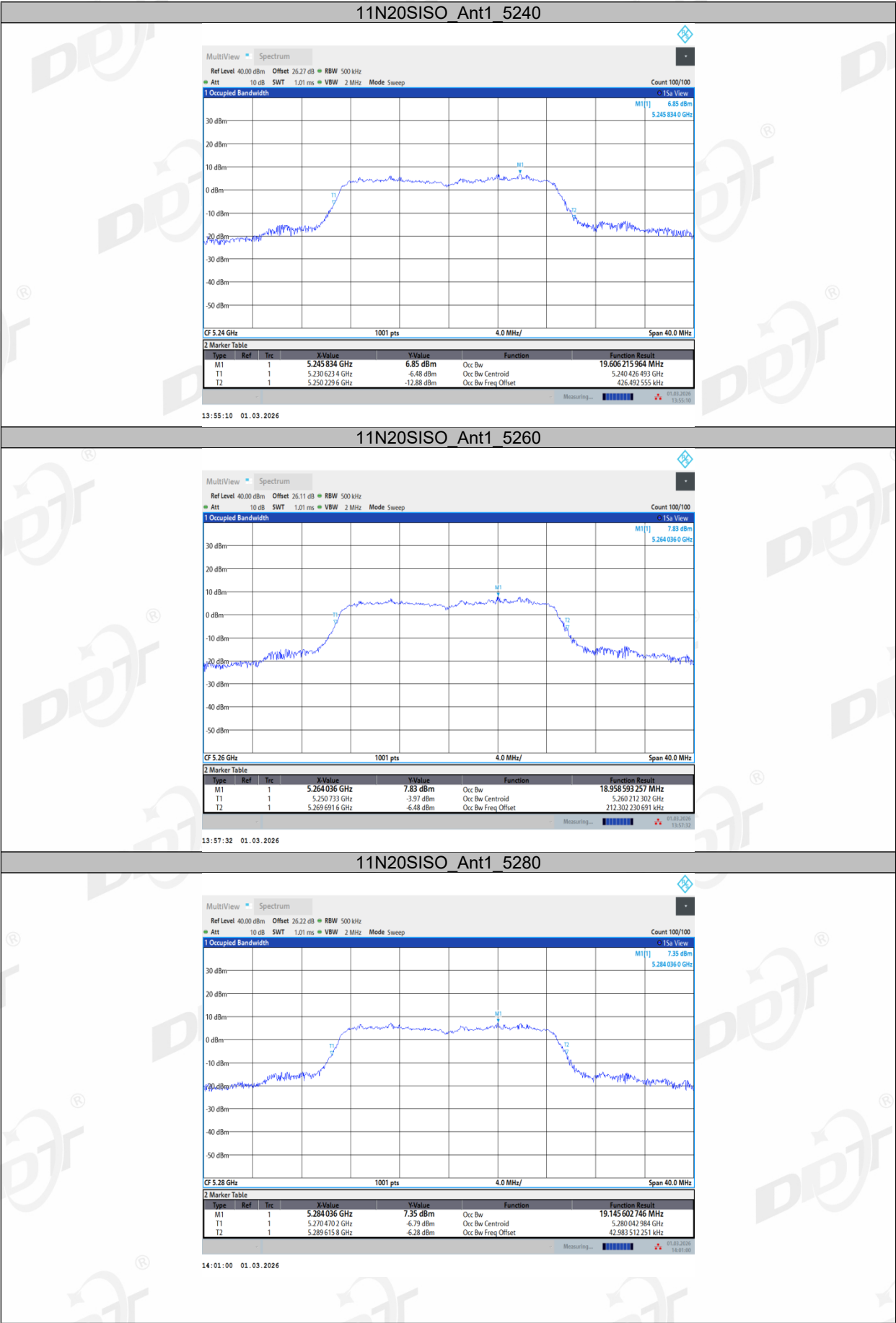


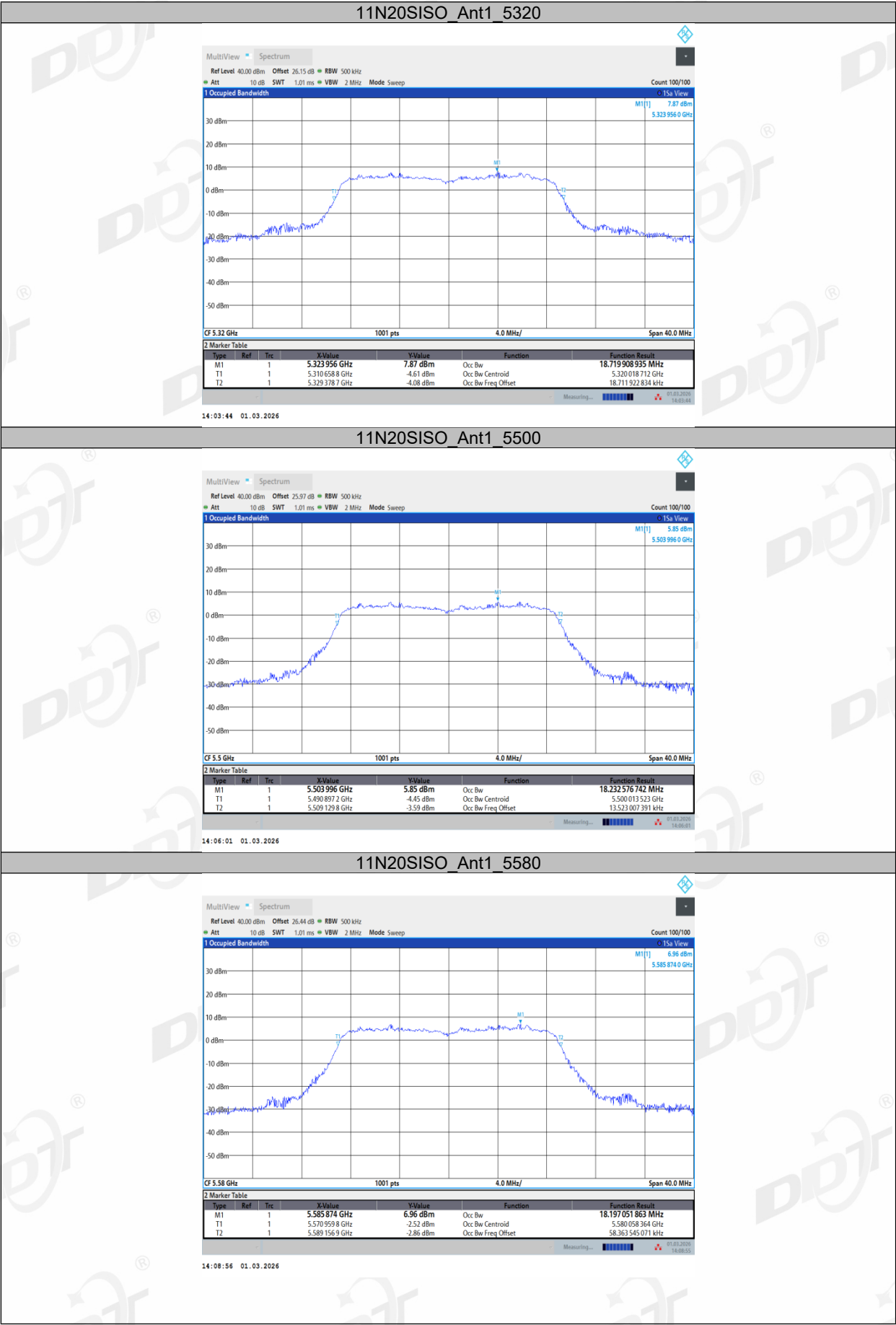


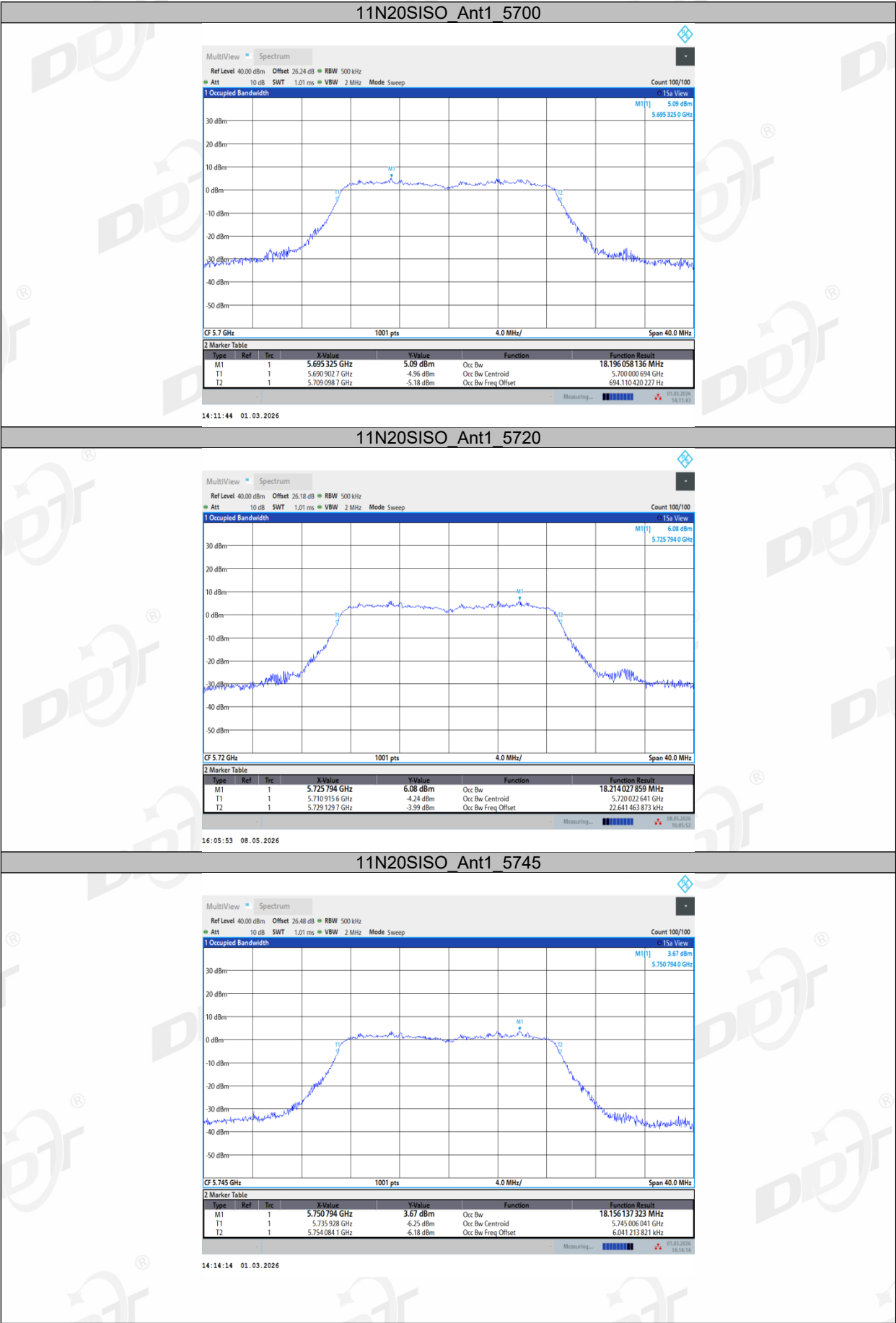


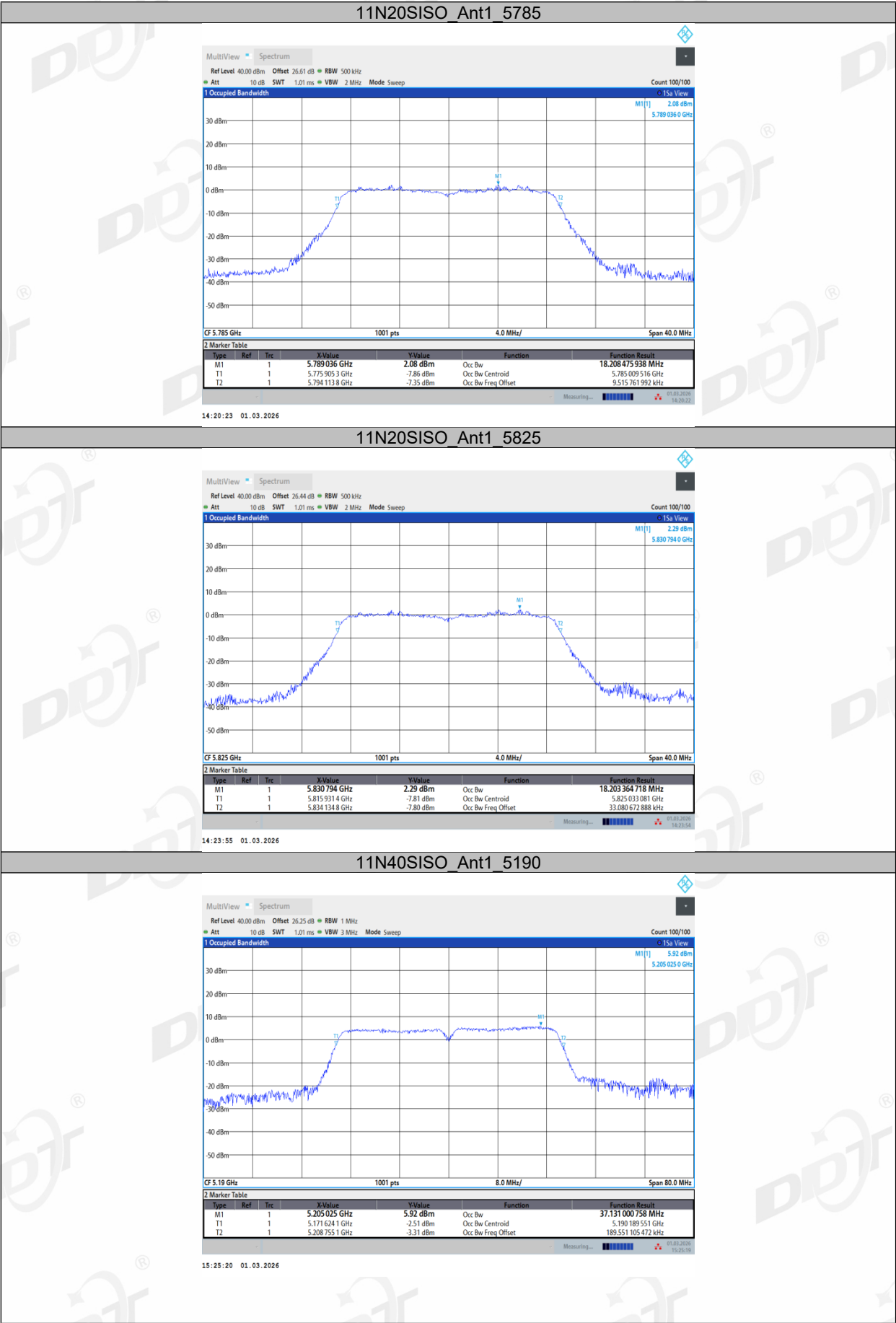


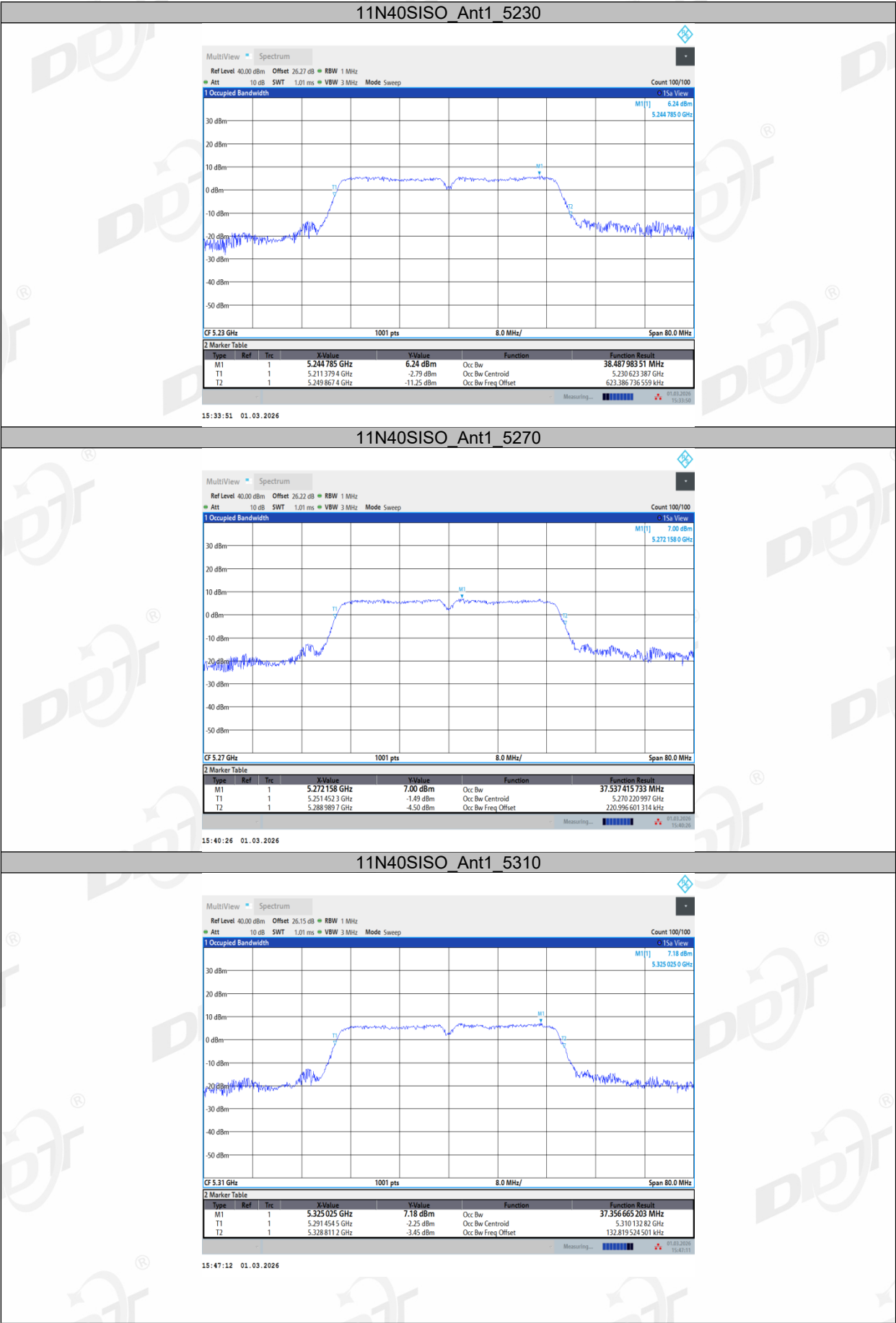


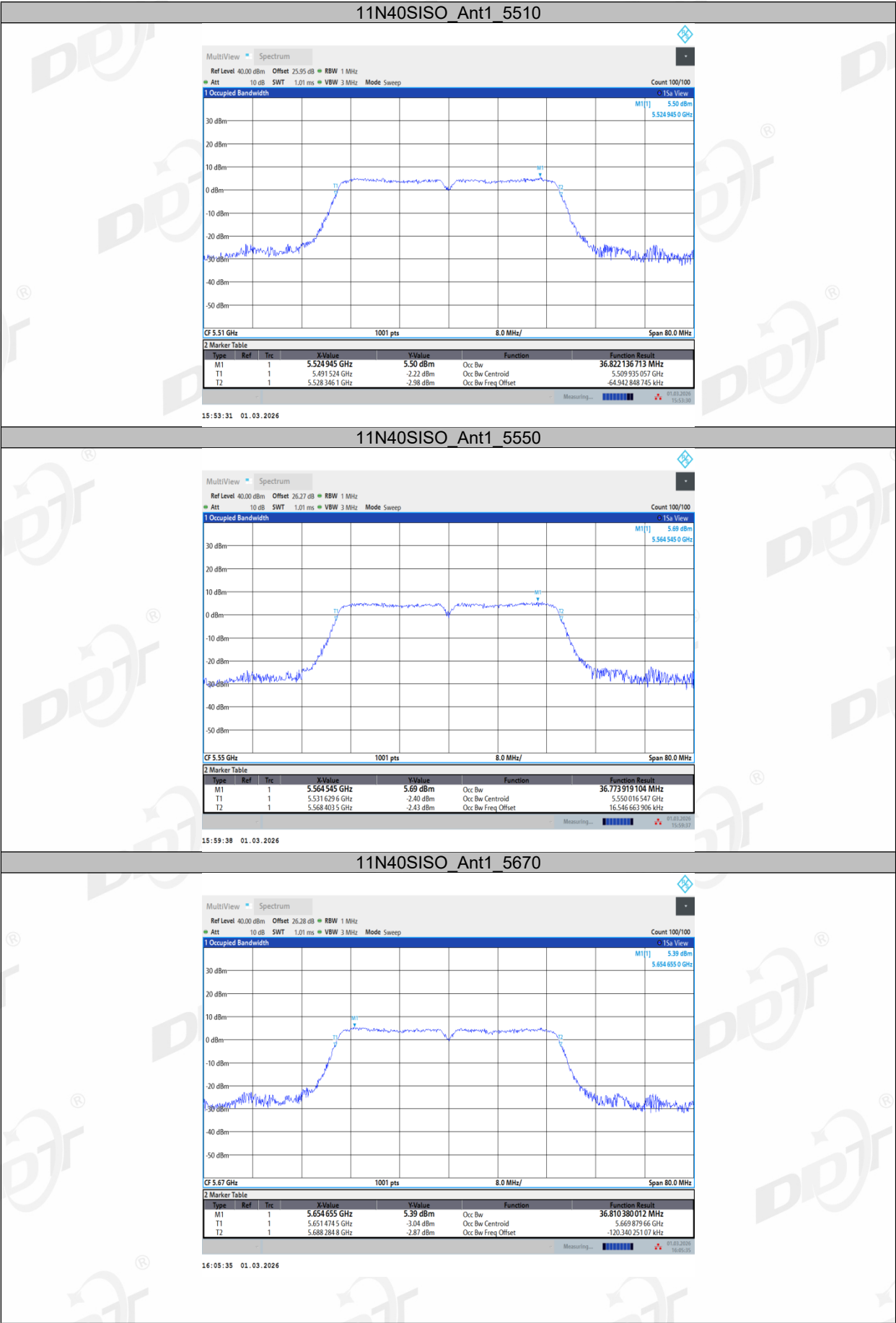


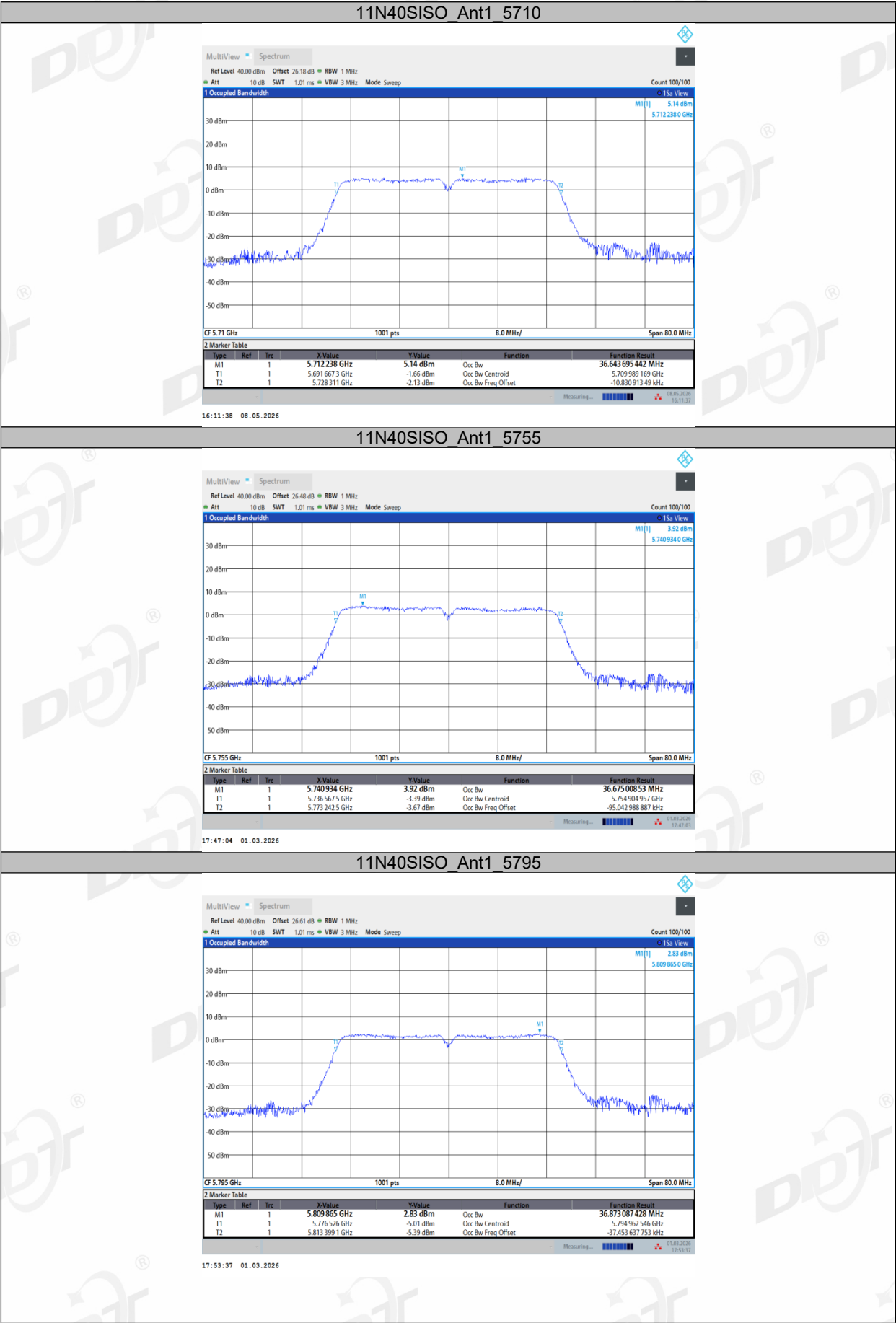


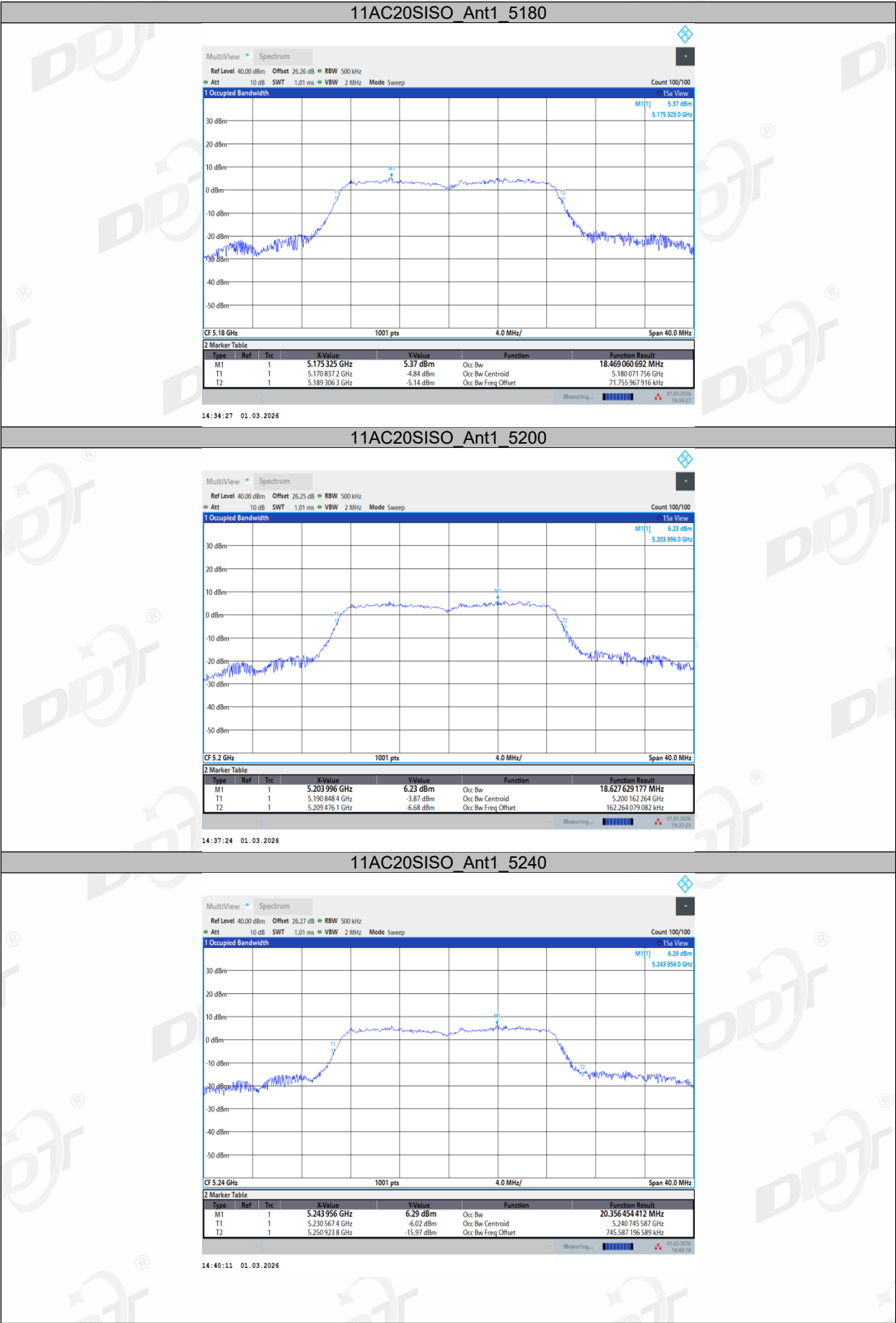


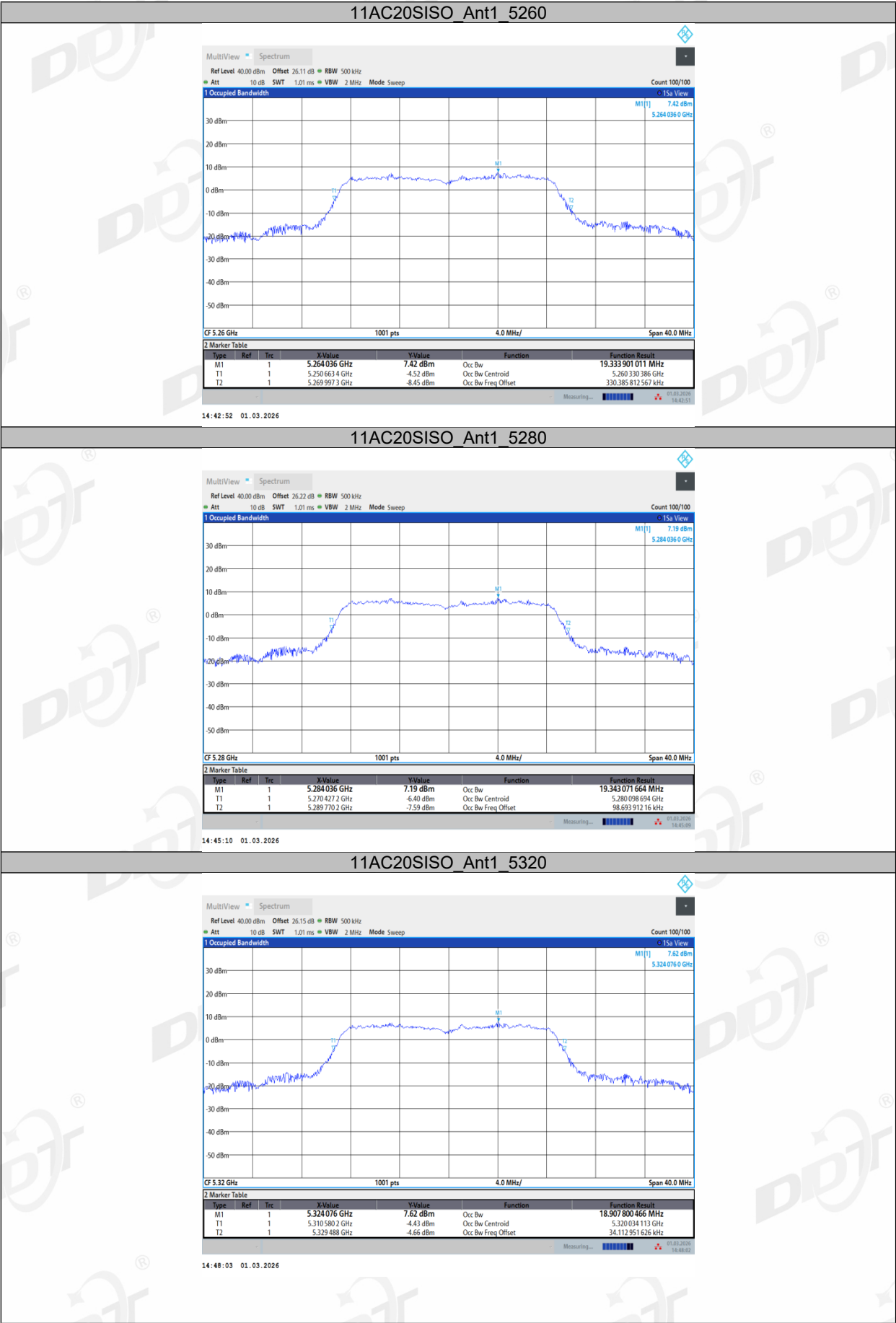


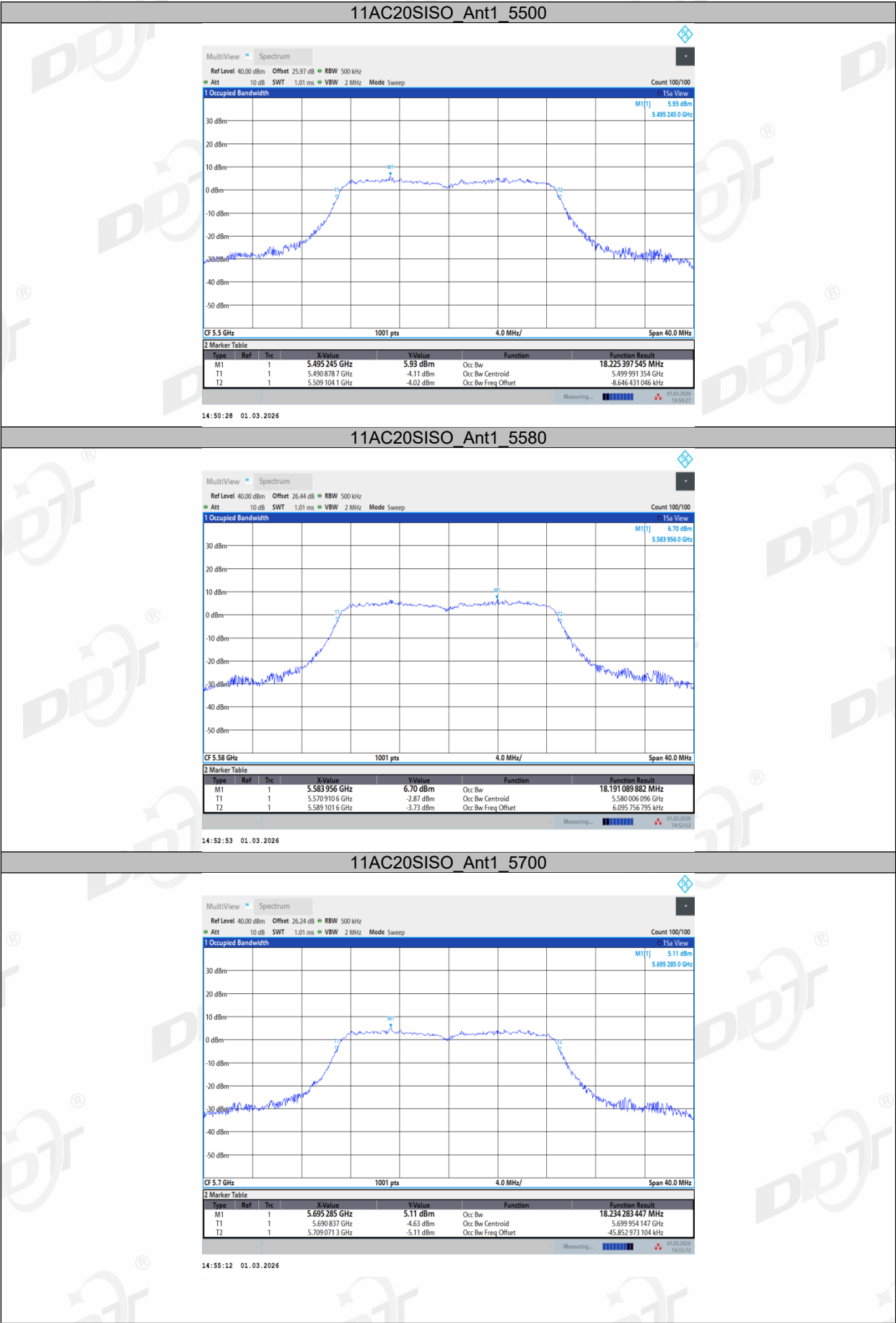


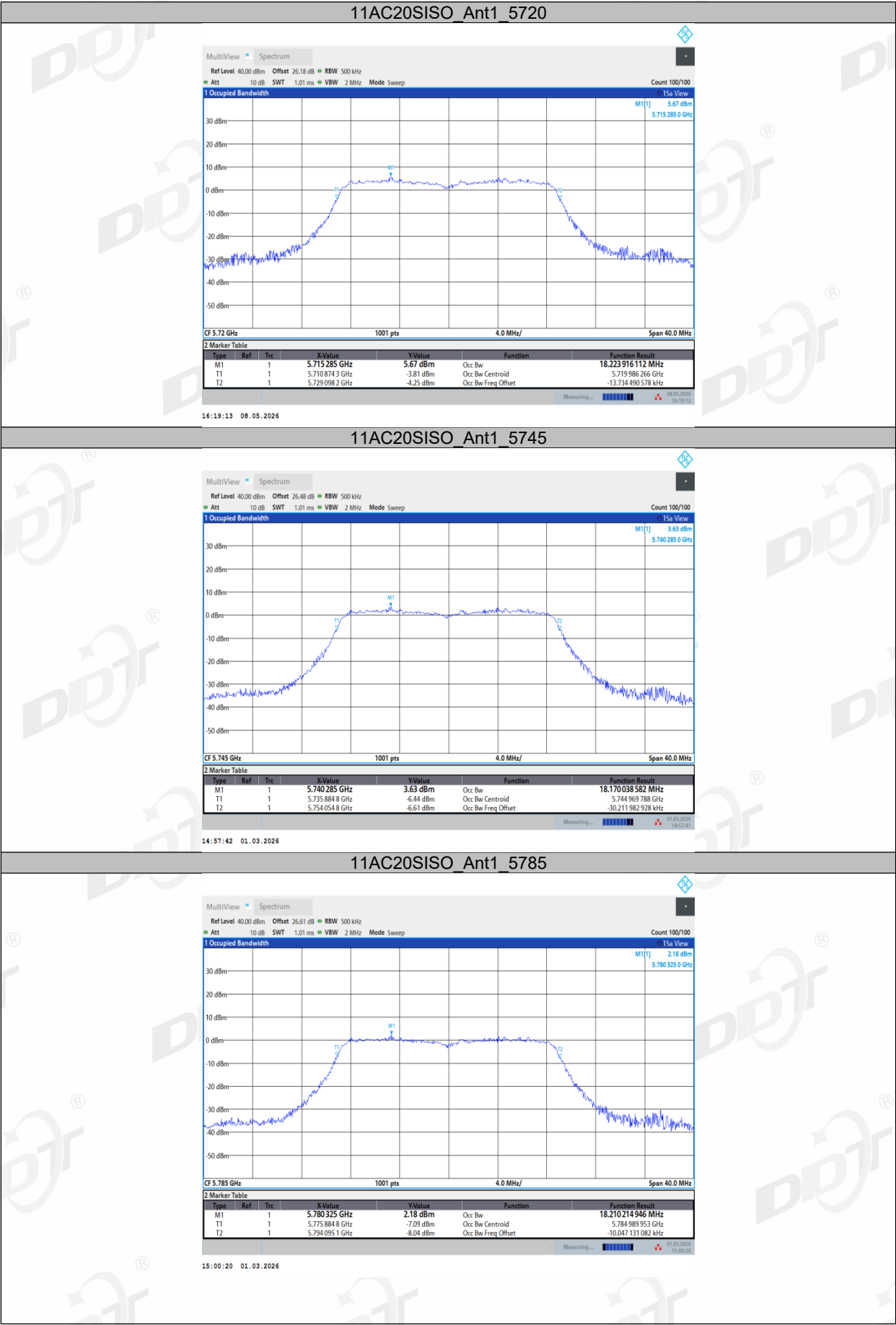


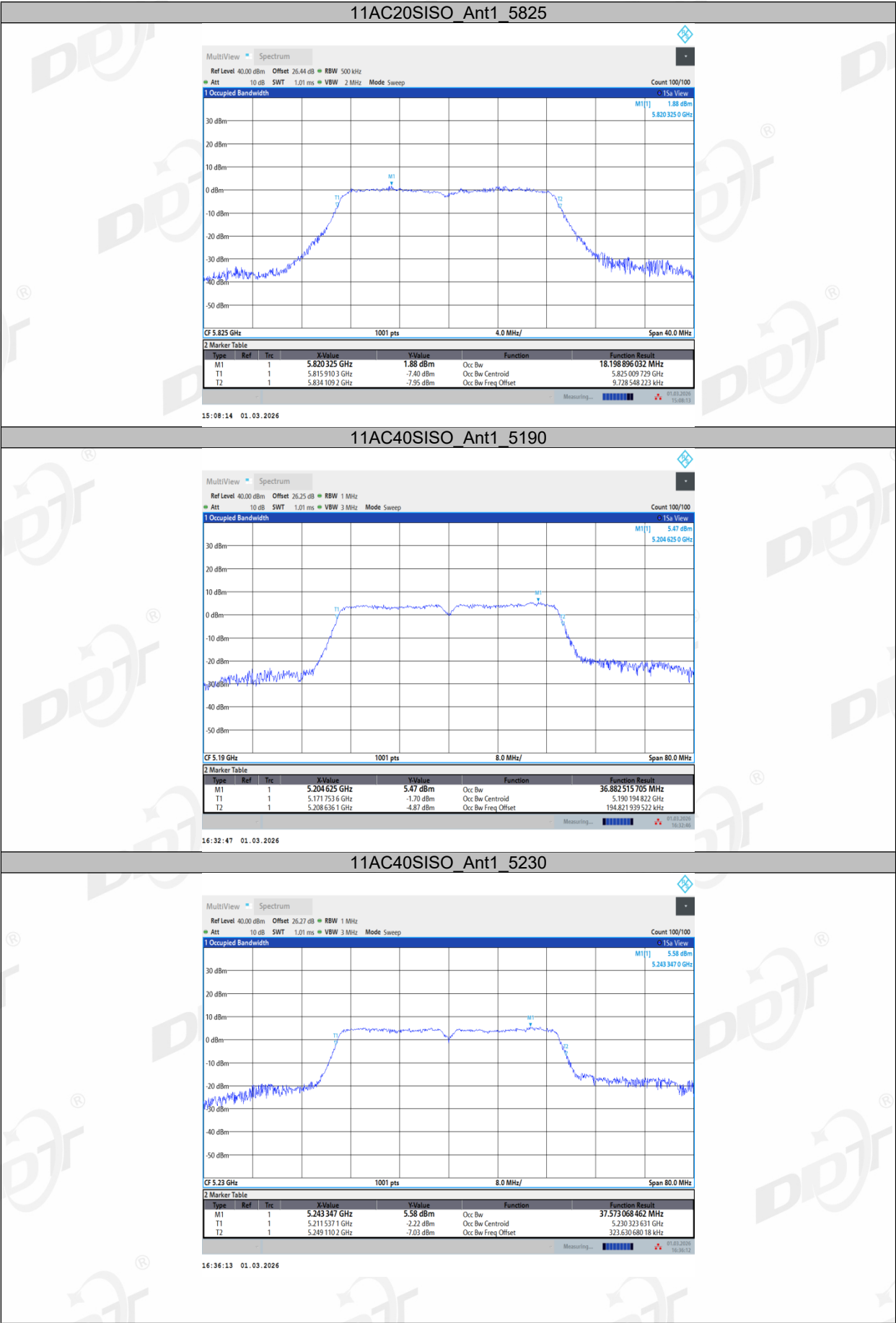


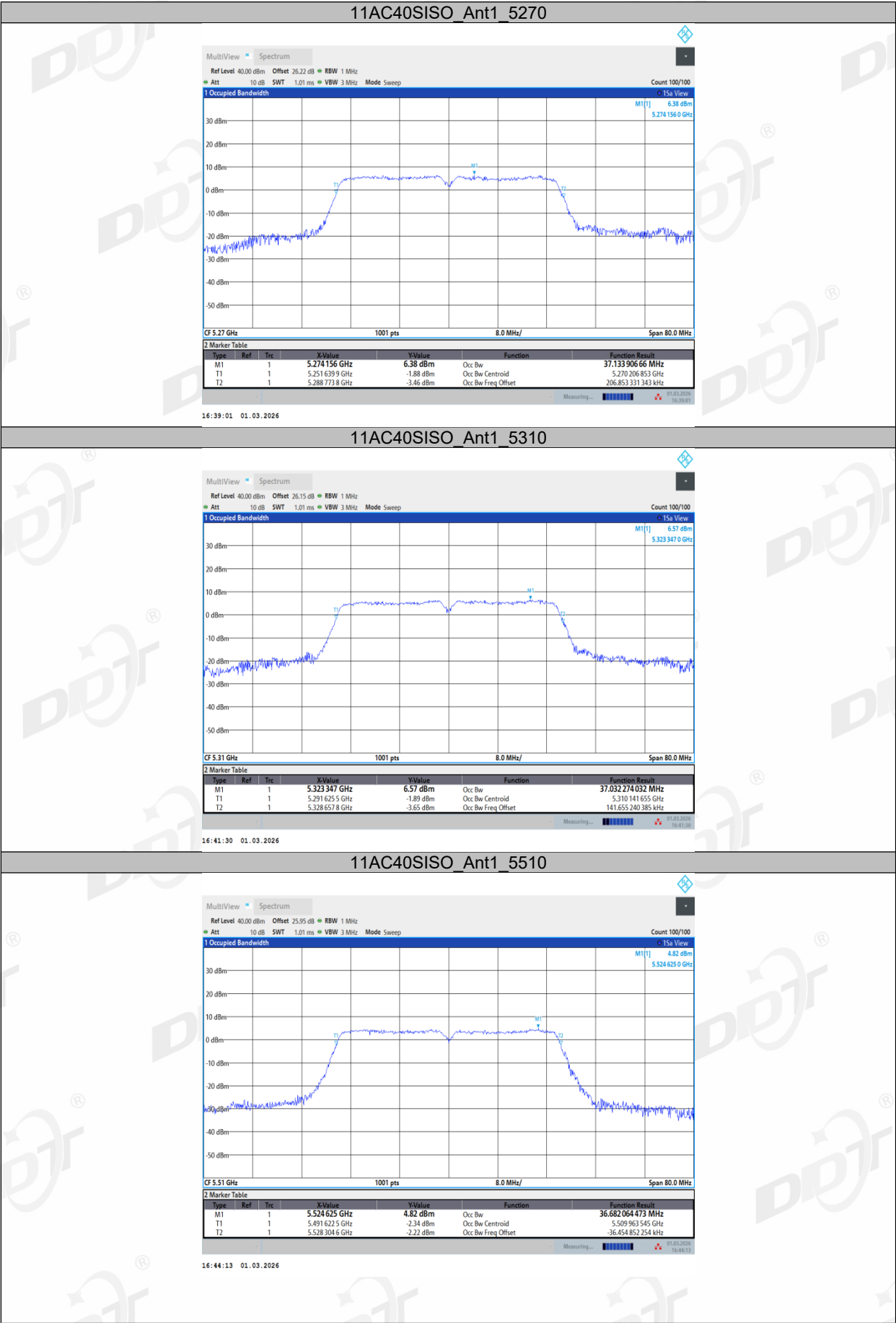


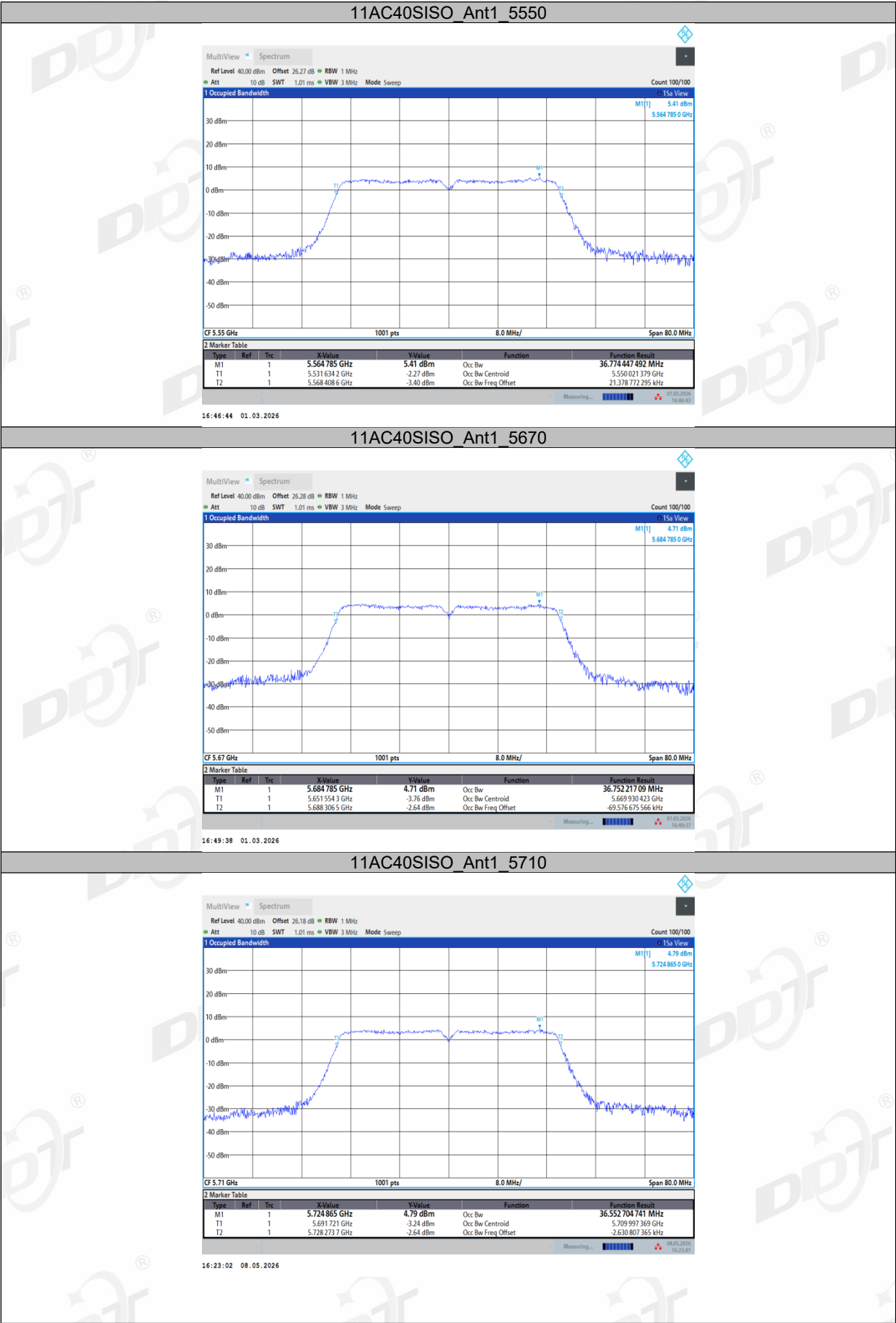


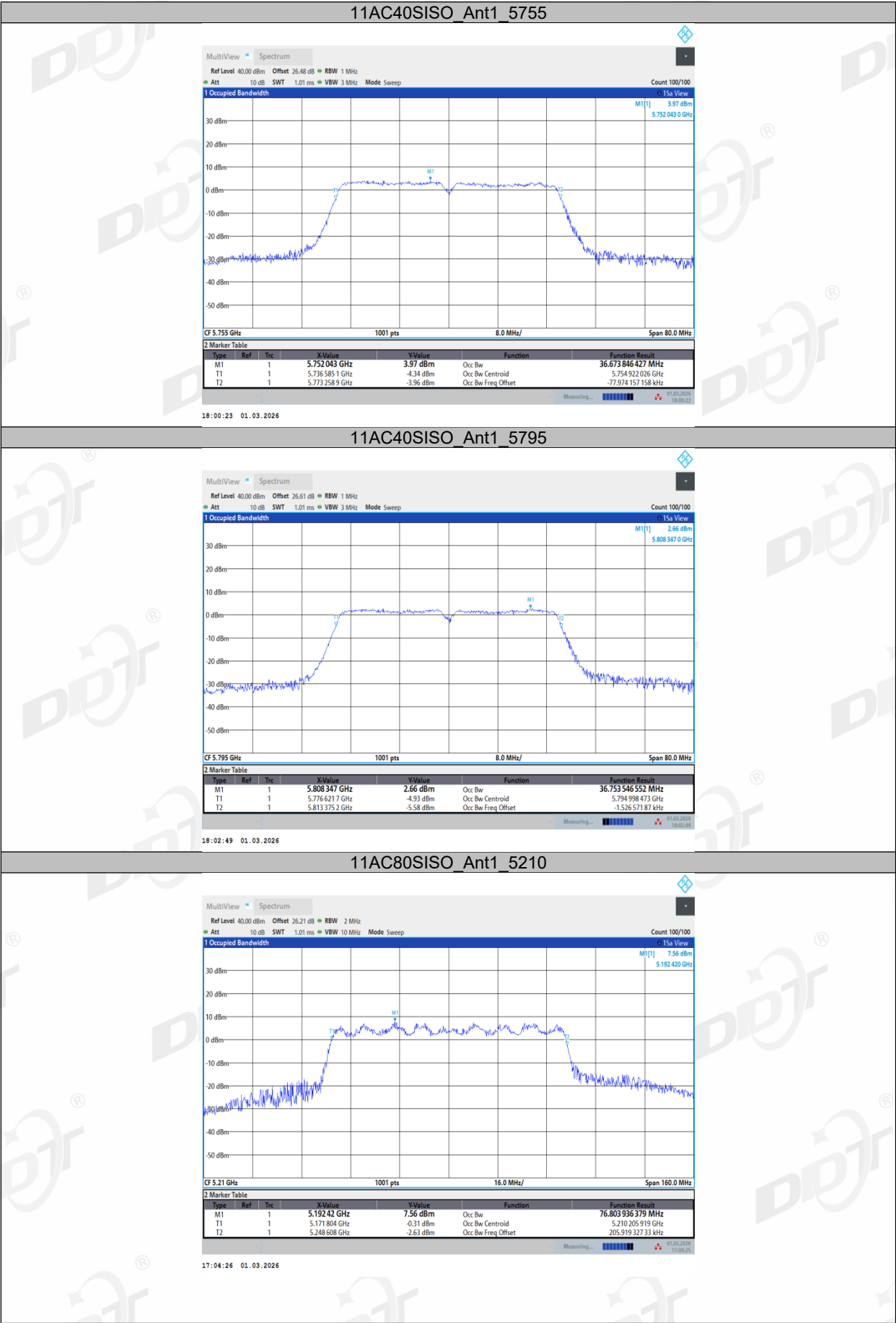


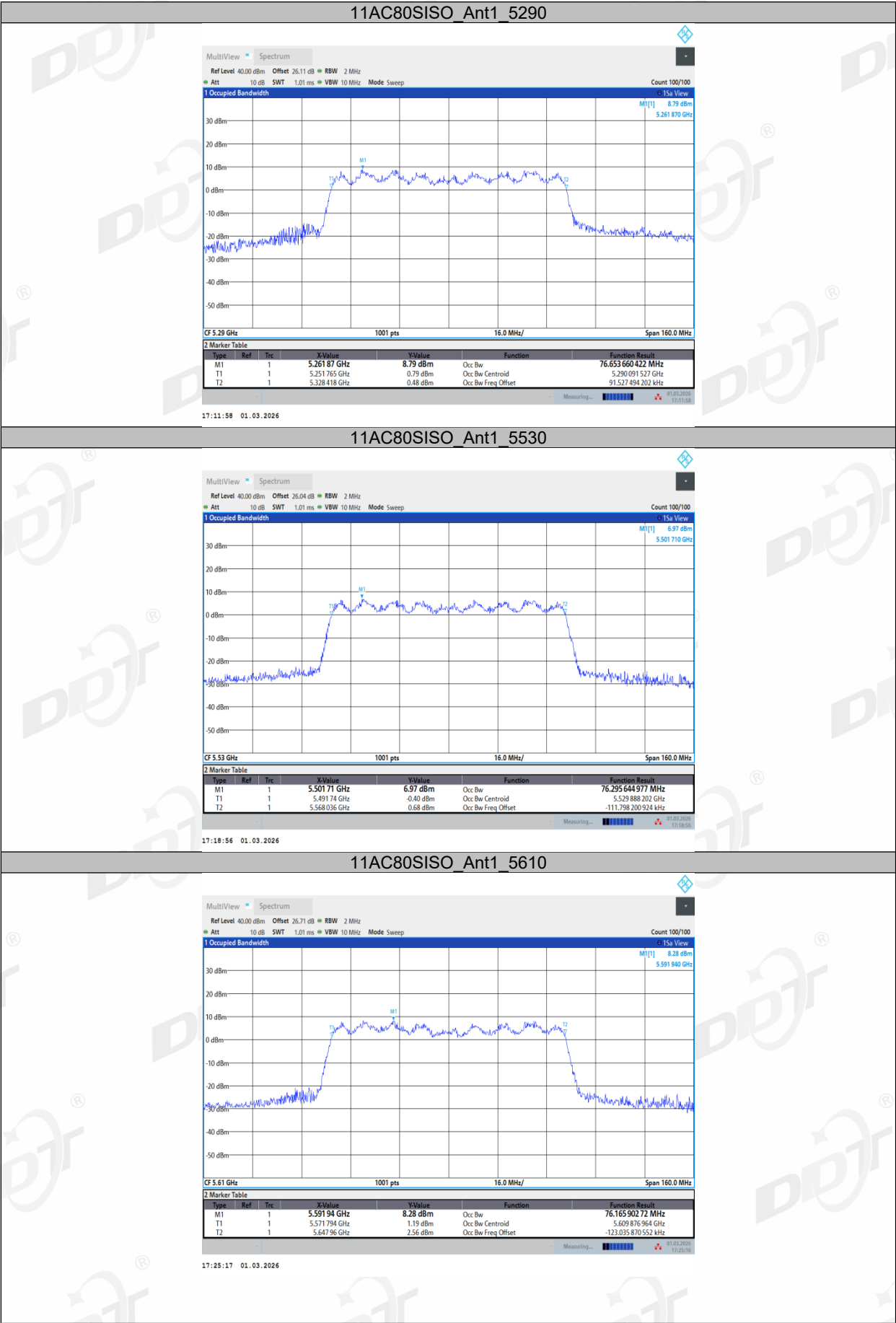


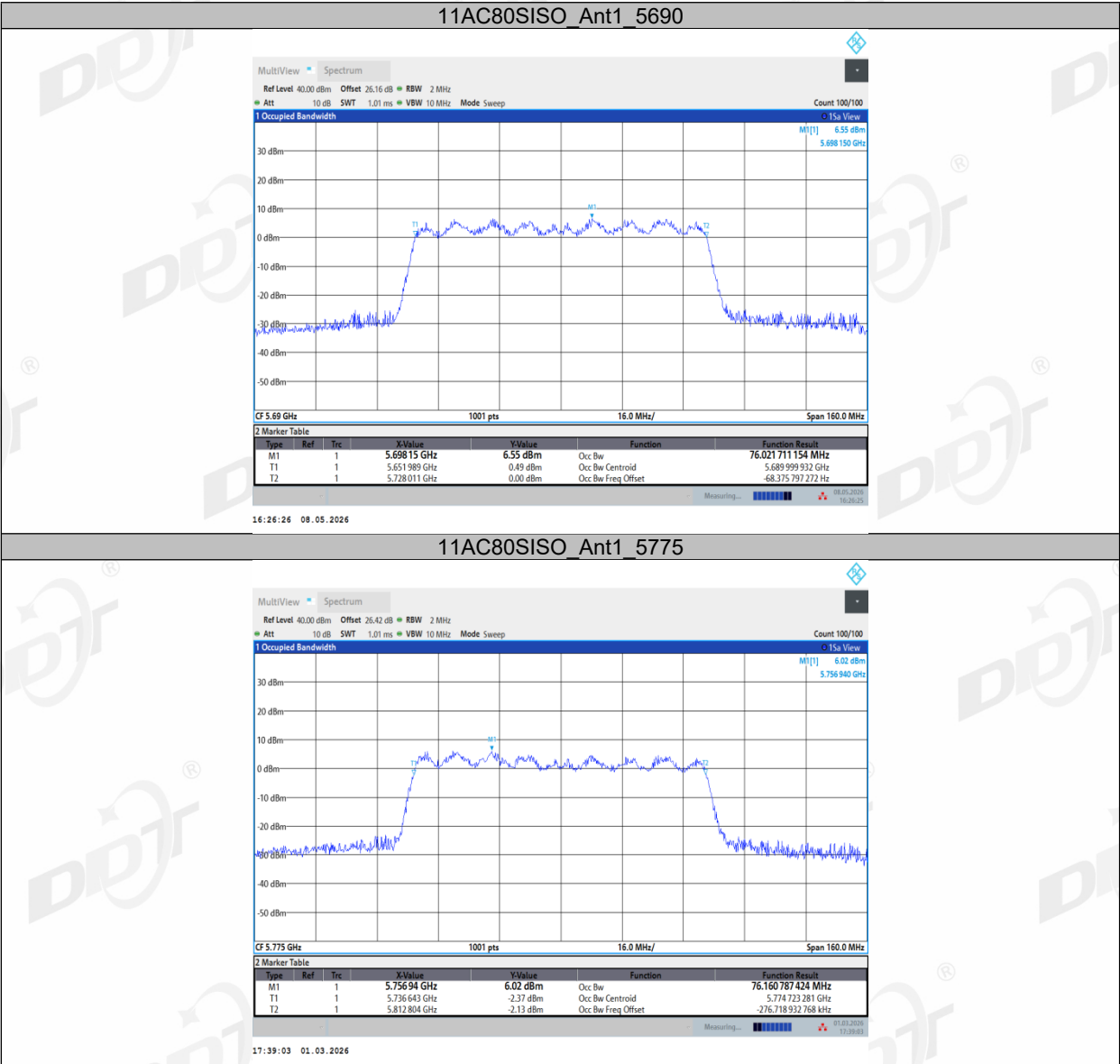






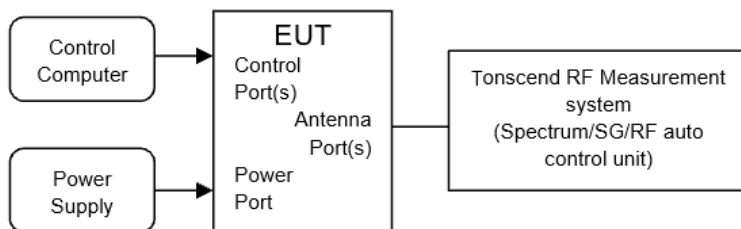






7. Duty Cycle

7.1. Block diagram of test setup



7.2. Limit

Just for Report.

7.3. 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