

FEATURES

- Wide Bandwidth
- Low Power Consumption
- Low Noise Figure
- Miniature Sizes, Field Removable connector
- Compact/Rugged Thin-Film Construction

APPLICATIONS

- Microwave Radio & VSAT
- Military & Space
- Test Instrumentation
- Fiber Optics



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	2		6	GHz
Small Signal Gain		50		dB
Power Gain Flatness		±3		dB
Output Power	200			Watt
Spurious		-60		dBc
Harmonics				dBc
VSWR			2:1	Ratio
DC Power Supply		+28		Volt
Current		30		A

Note:

- 1.Air forced cool.
- 2.Over Temperature Protection; Over Voltage Protection; Over VSWR Protection; Remote switching machine.
- 3.Output power measurement.
- 4.Remote activation of the amplifier.

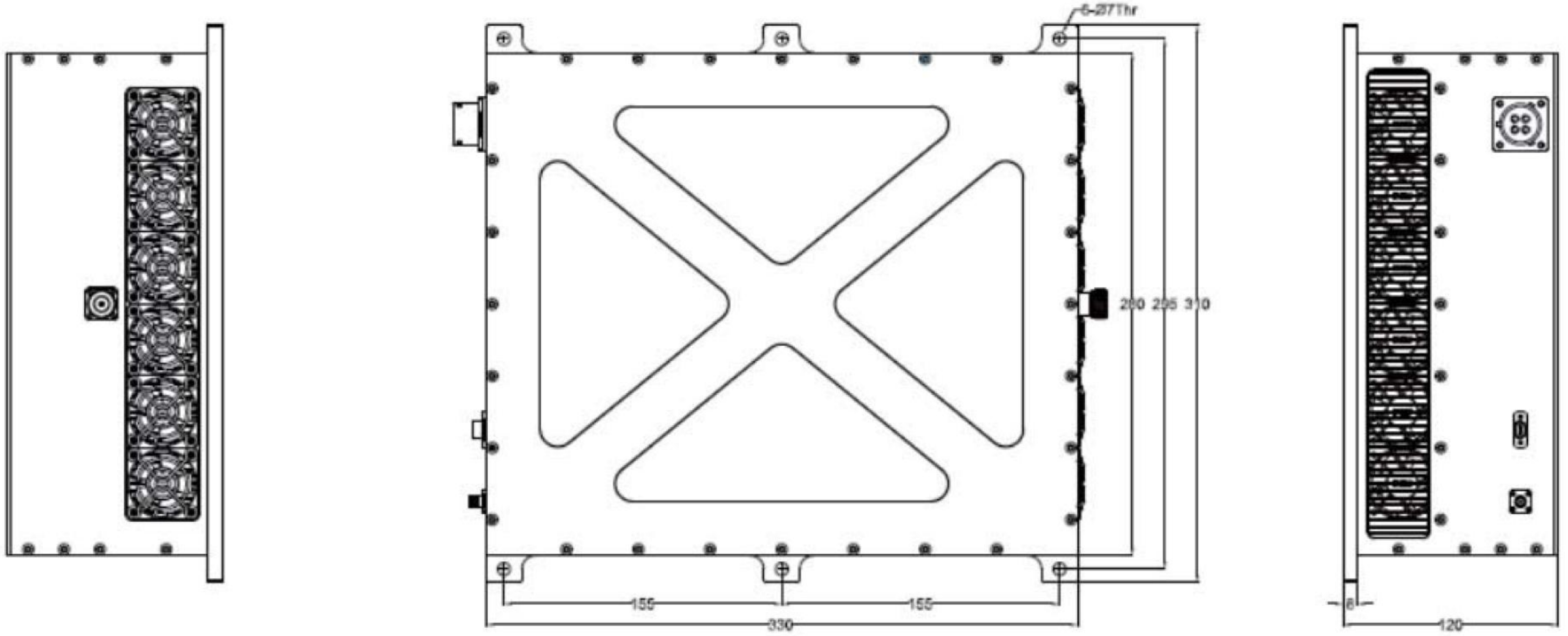
ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power			+20	dBm
Operating Temperature	-40		+55	°C
Non-operating Temperature	-55		+85	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)				feet
Shock / Vibration (MIL-STD-810F)				

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	330*310*120	Max	Milimeter
Weight	12.3	Max	Kg
RF Connectors Input	SMA-F		
RF Connectors output	N-F		
Impedance	50		ohms

OUTLINE DRAWING(mm):

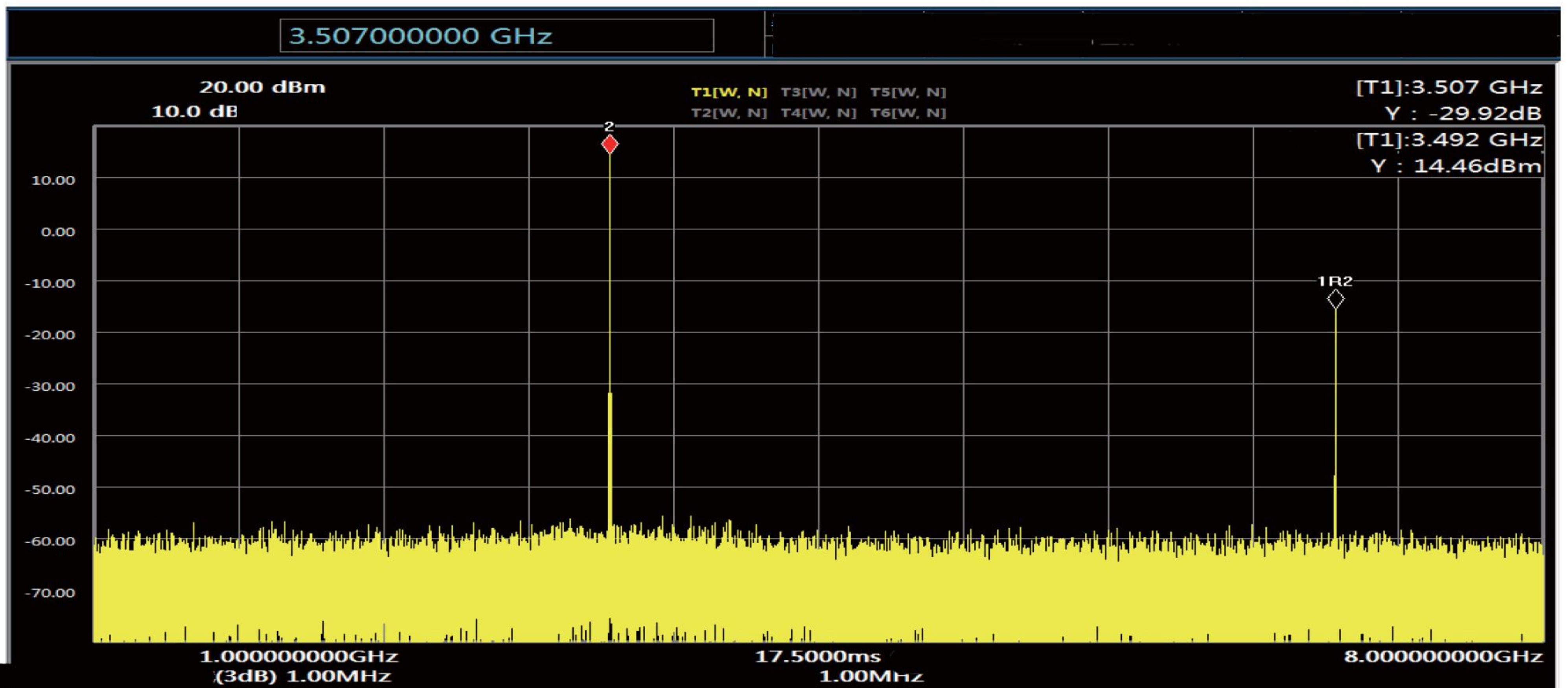
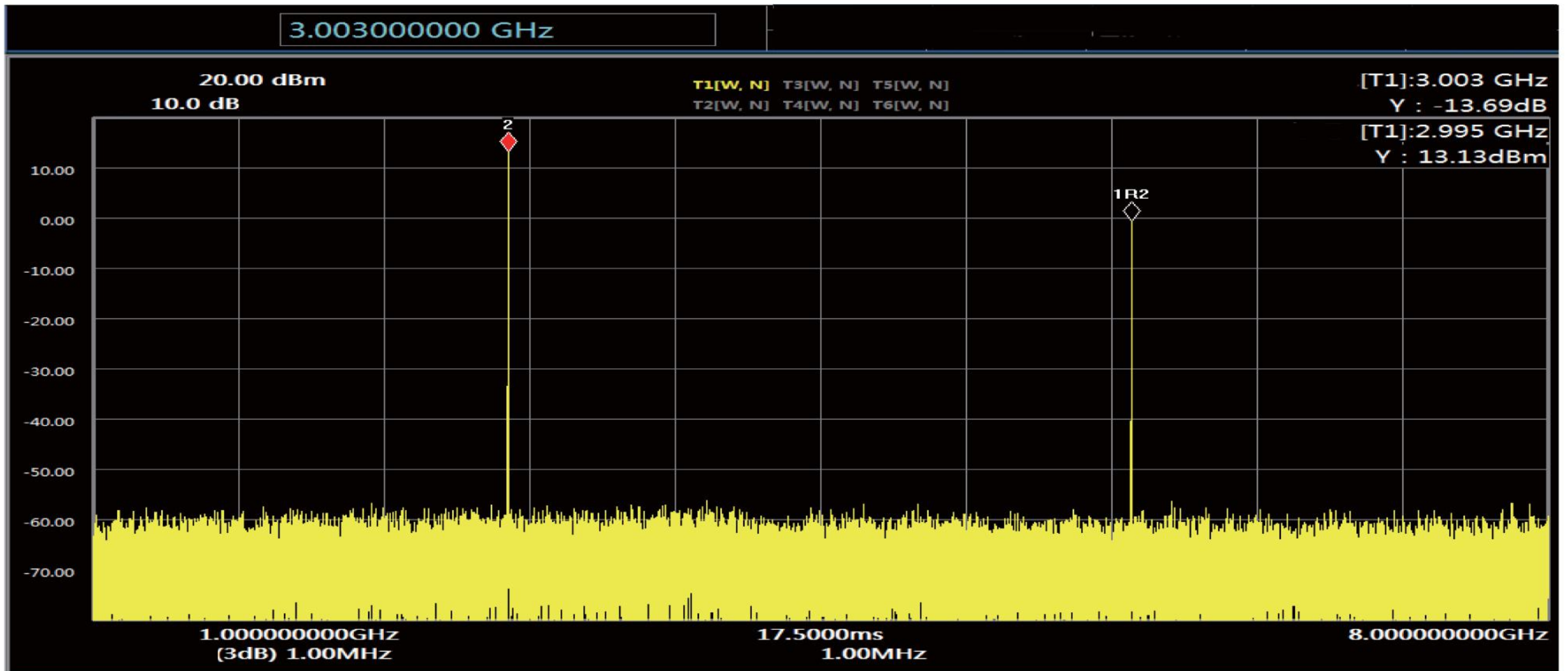
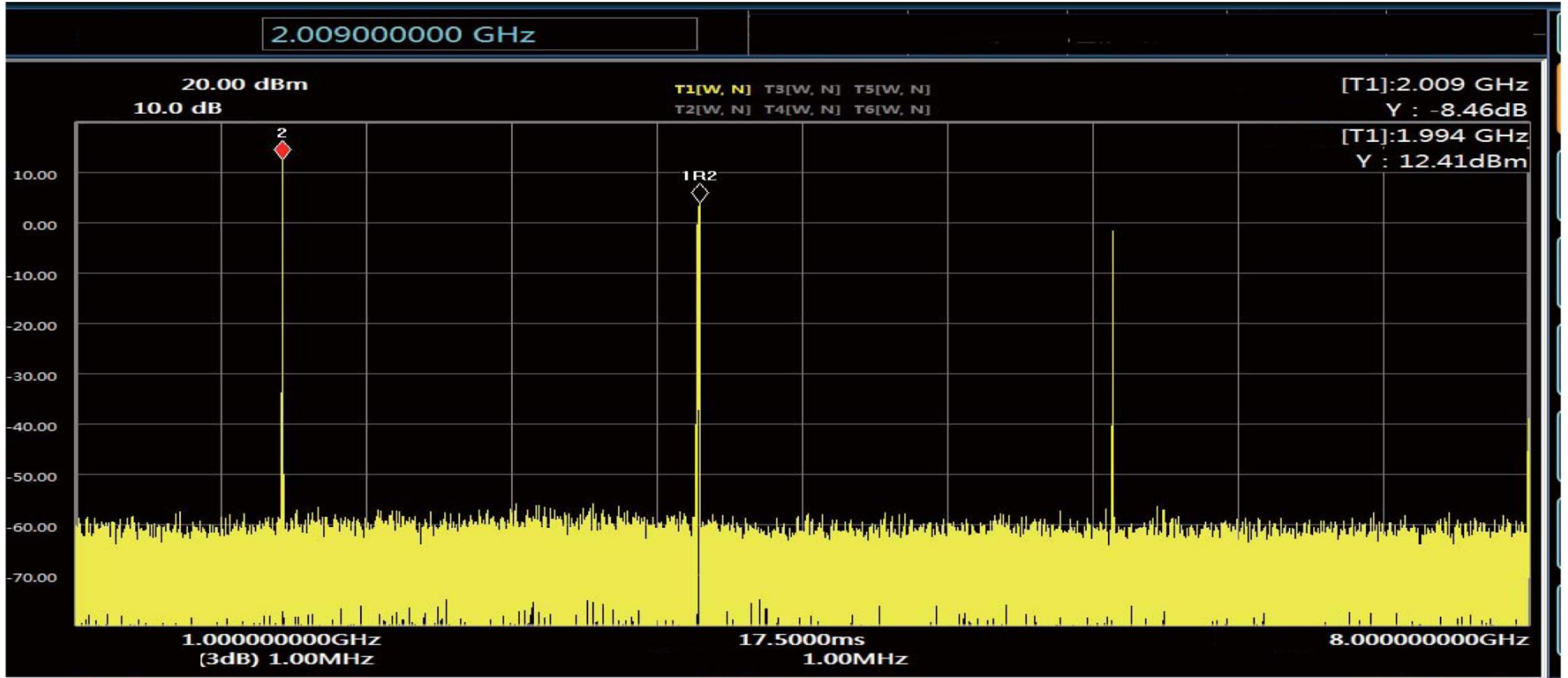


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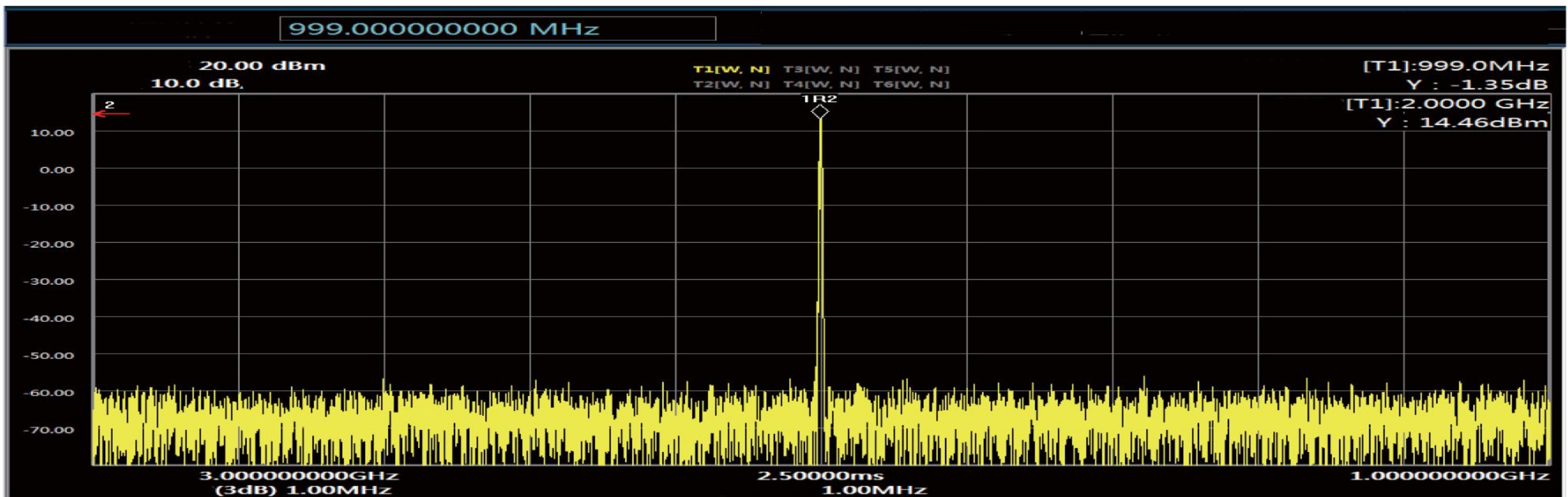
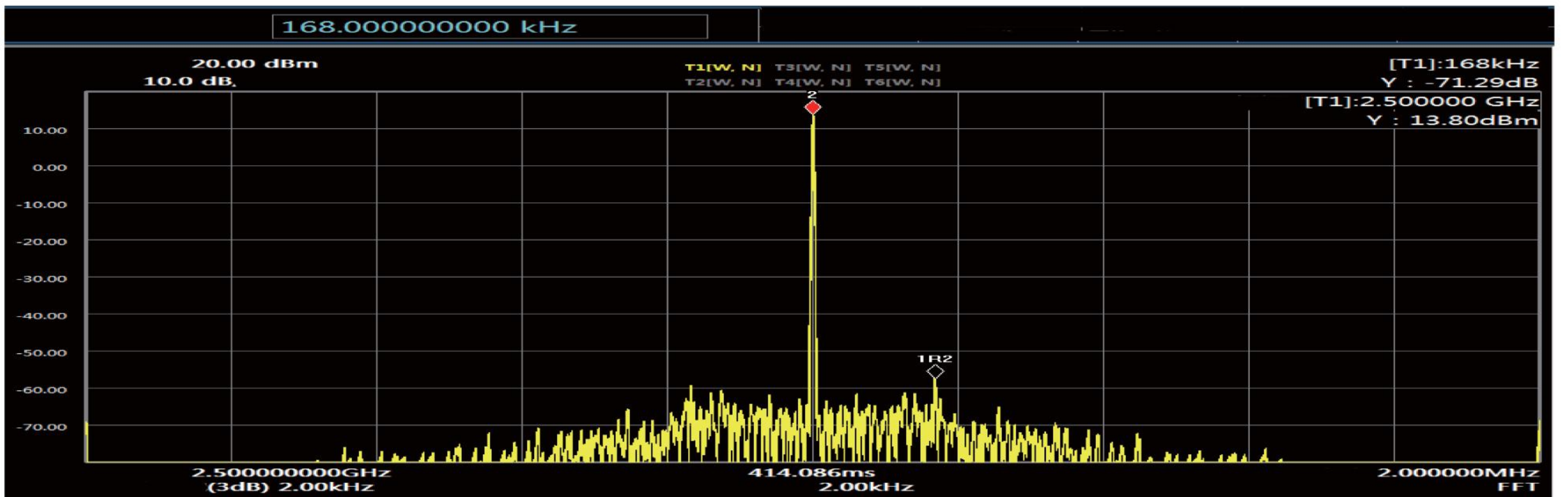
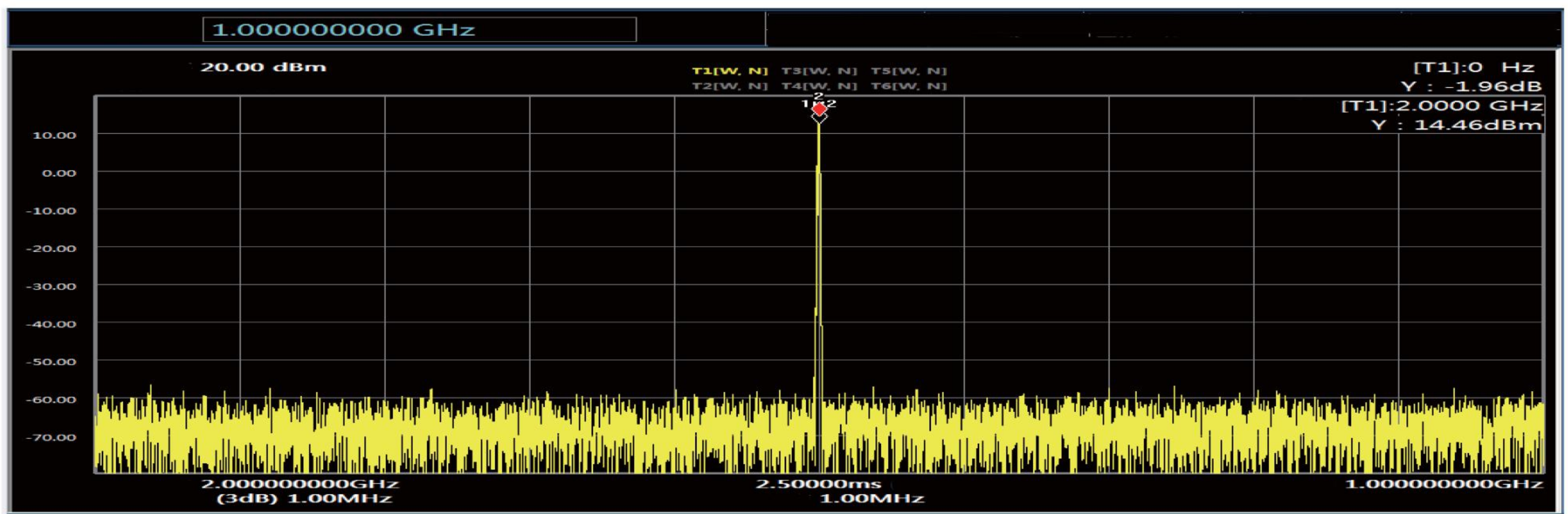
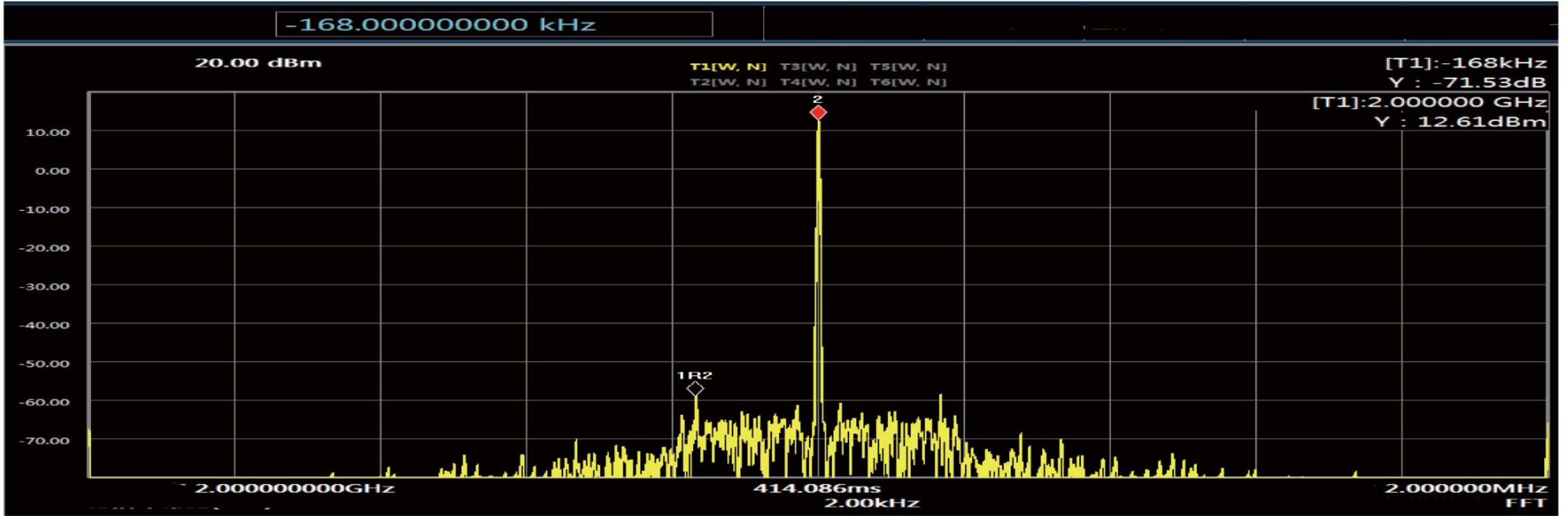
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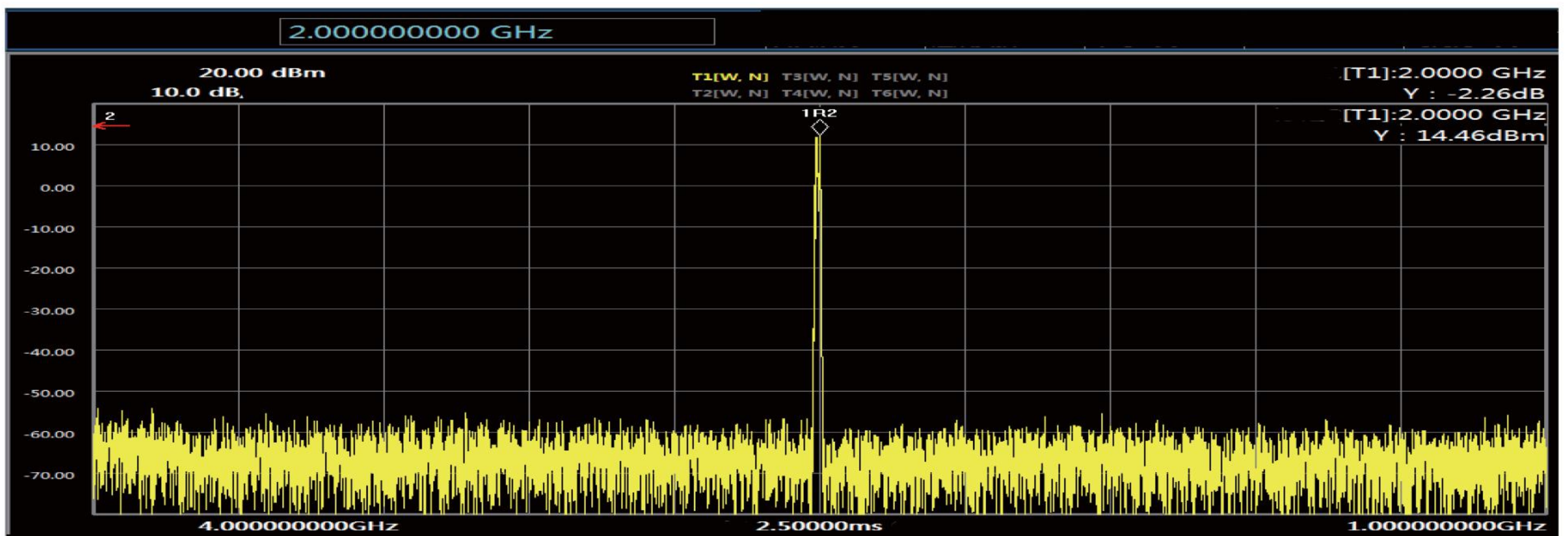
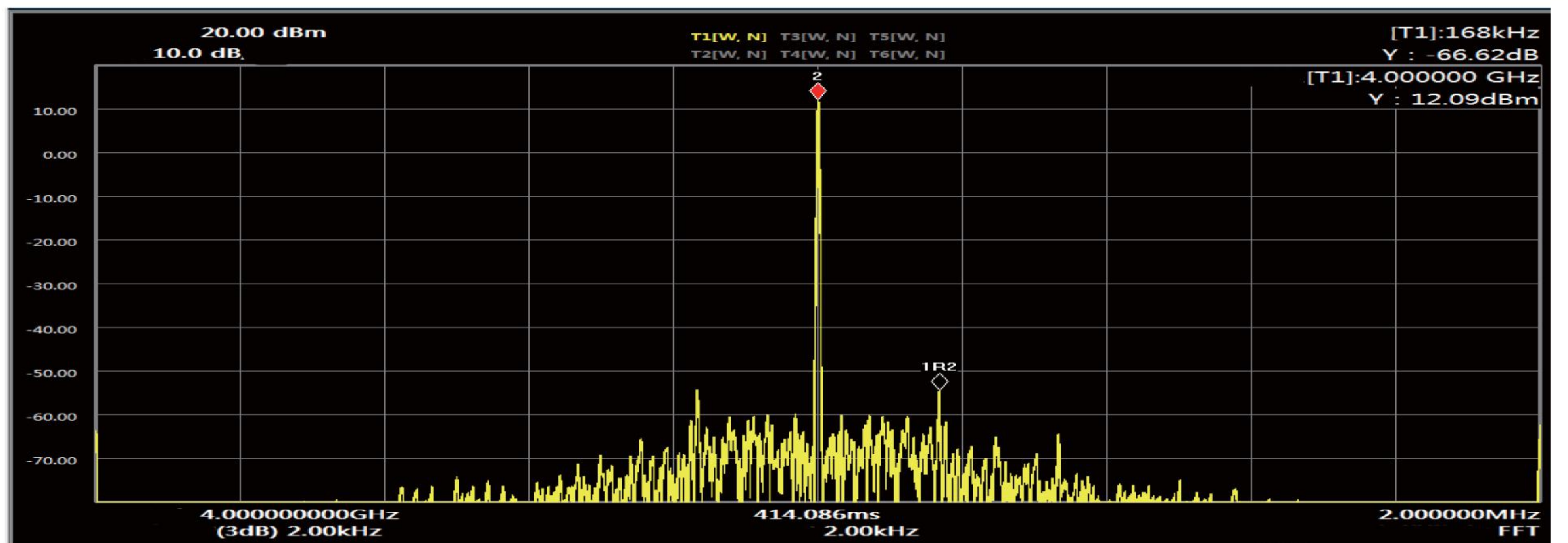
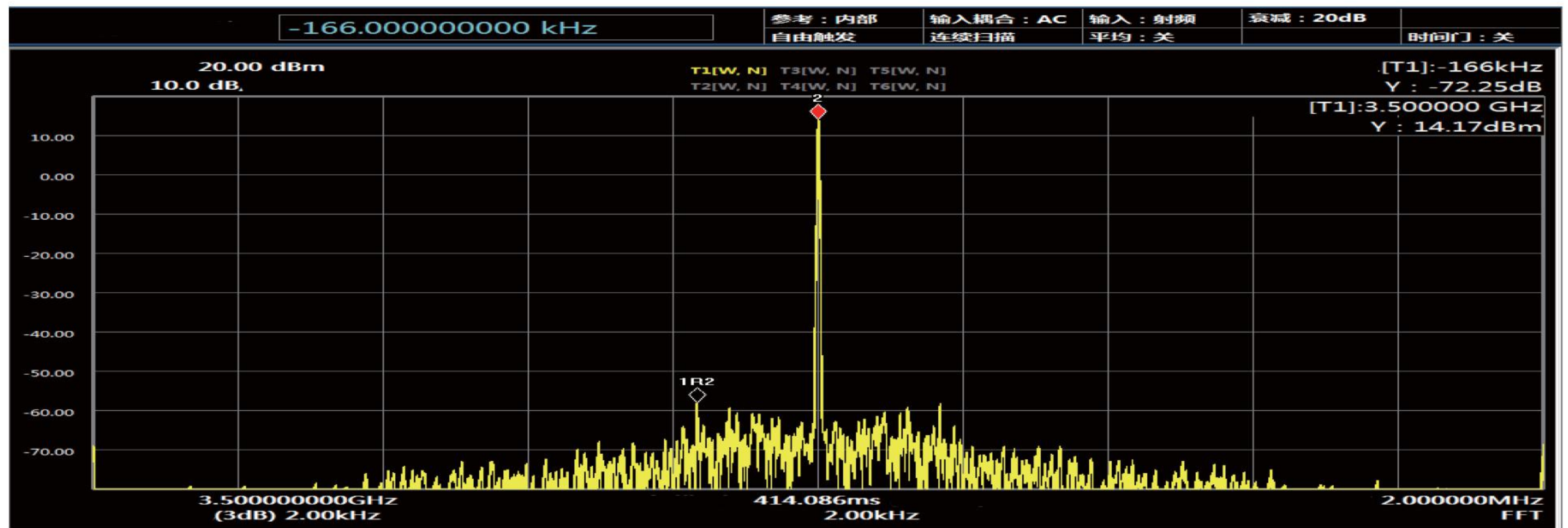
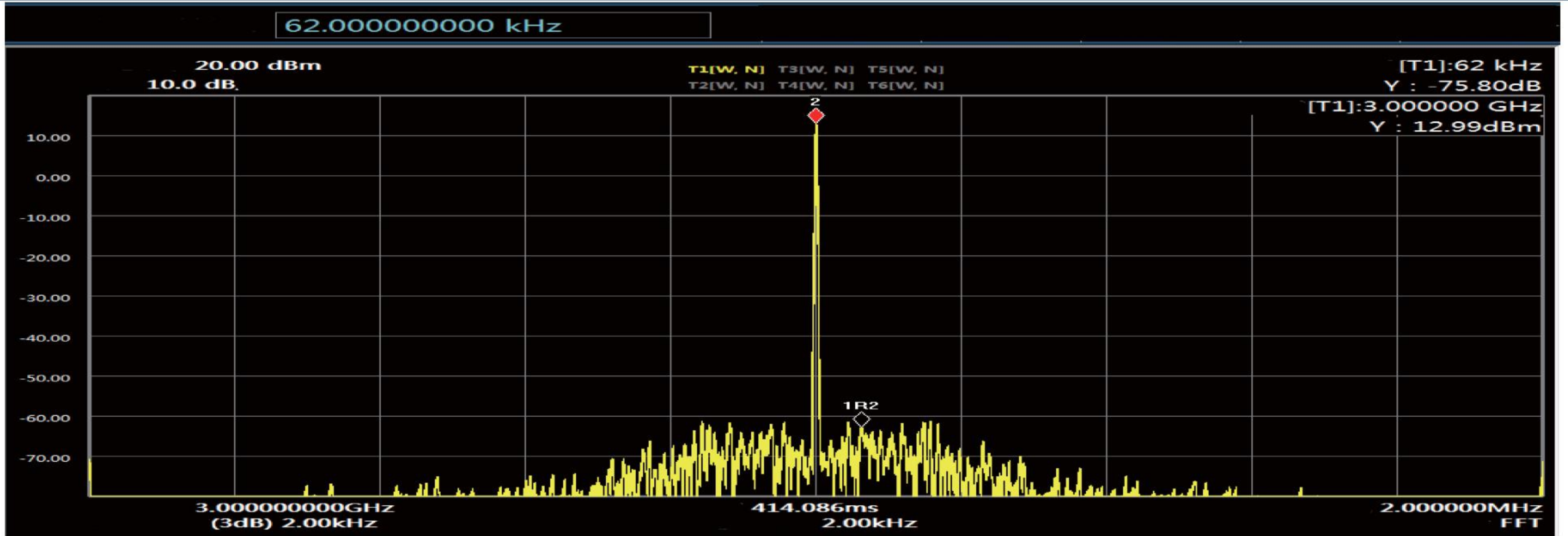
Freq(GHz)	Cable(dB)	Psat Input(dBm)	Psat Output(dBm)	Freq(GHz)	Cable(dB)	Psat Input(dBm)	Psat Output(dBm)
2.1	37.54	-30	42.52	2.1	37.54	0	55.36
2.2	37.58	-30	41.14	2.2	37.58	0	54.97
2.3	37.63	-30	42.68	2.3	37.63	0	54.49
2.4	37.71	-30	42.2	2.4	37.71	0	54.63
2.5	37.8	-30	41.64	2.5	37.8	0	54.36
2.6	37.92	-30	39.54	2.6	37.92	0	54.38
2.7	38.06	-30	40.44	2.7	38.06	0	54.45
2.8	38.19	-30	41.45	2.8	38.19	0	54.2
2.9	38.32	-30	43.29	2.9	38.32	0	54.19
3	38.44	-30	44.67	3	38.44	0	54.58
3.1	38.55	-30	46.19	3.1	38.55	0	54
3.2	38.65	-30	45.85	3.2	38.65	0	53.4
3.3	38.74	-30	44.82	3.3	38.74	0	54.9
3.4	38.81	-30	43.41	3.4	38.81	0	54.68
3.5	38.85	-30	41.99	3.5	38.85	0	55.37
3.6	38.88	-30	40.4	3.6	38.88	0	55.76
3.7	38.87	-30	38.93	3.7	38.87	0	54.5
3.8	38.87	-30	37.75	3.8	38.87	0	54.31
3.9	38.88	-30	36.43	3.9	38.88	0	53.83
4	38.86	-30	36.57	4	38.86	0	53.65
4.1	38.87	-30	38.29	4.1	38.87	0	54.51
4.2	38.86	-30	38.05	4.2	38.86	0	54.57
4.3	38.87	-30	36.98	4.3	38.87	0	53.99
4.4	38.9	-30	37.01	4.4	38.9	0	53.66
4.5	38.91	-30	40.11	4.5	38.91	0	54.89
4.6	38.93	-30	39.68	4.6	38.93	0	54.61
4.7	38.92	-30	39.44	4.7	38.92	0	54.01
4.8	38.93	-30	38.57	4.8	38.93	0	53.21
4.9	38.95	-30	40.76	4.9	38.95	0	54.78
5	38.99	-30	40.16	5	38.99	0	54.26
5.1	39.04	-30	40.53	5.1	39.04	0	55.19
5.2	39.09	-30	40.68	5.2	39.09	0	54.37
5.3	39.14	-30	41	5.3	39.14	0	54.83
5.4	39.19	-30	41.27	5.4	39.19	0	55.06
5.5	39.24	-30	40.41	5.5	39.24	0	55.22
5.6	39.29	-30	41.44	5.6	39.29	0	55.15
5.7	39.35	-30	39.55	5.7	39.35	0	55.14
5.8	39.41	-30	37.56	5.8	39.41	0	54.31
5.9	39.44	-30	36.83	5.9	39.44	0	53.91
6	39.44	-30	37.52	6	39.44	0	54.34

Harmonics



Spurious

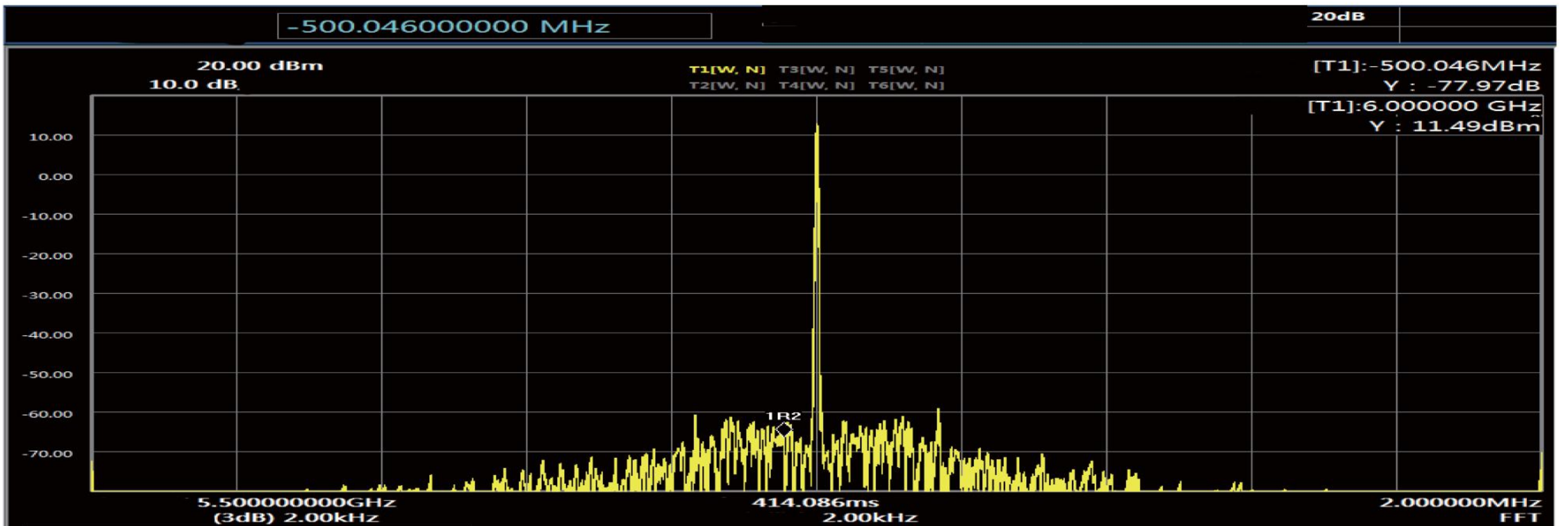
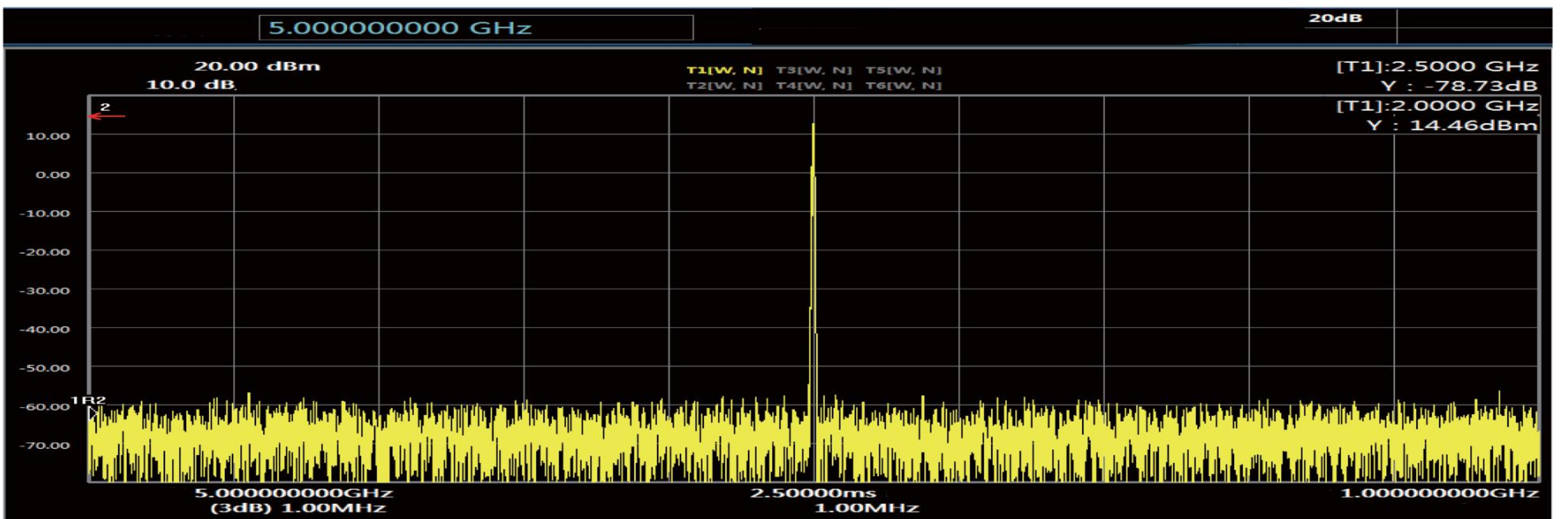
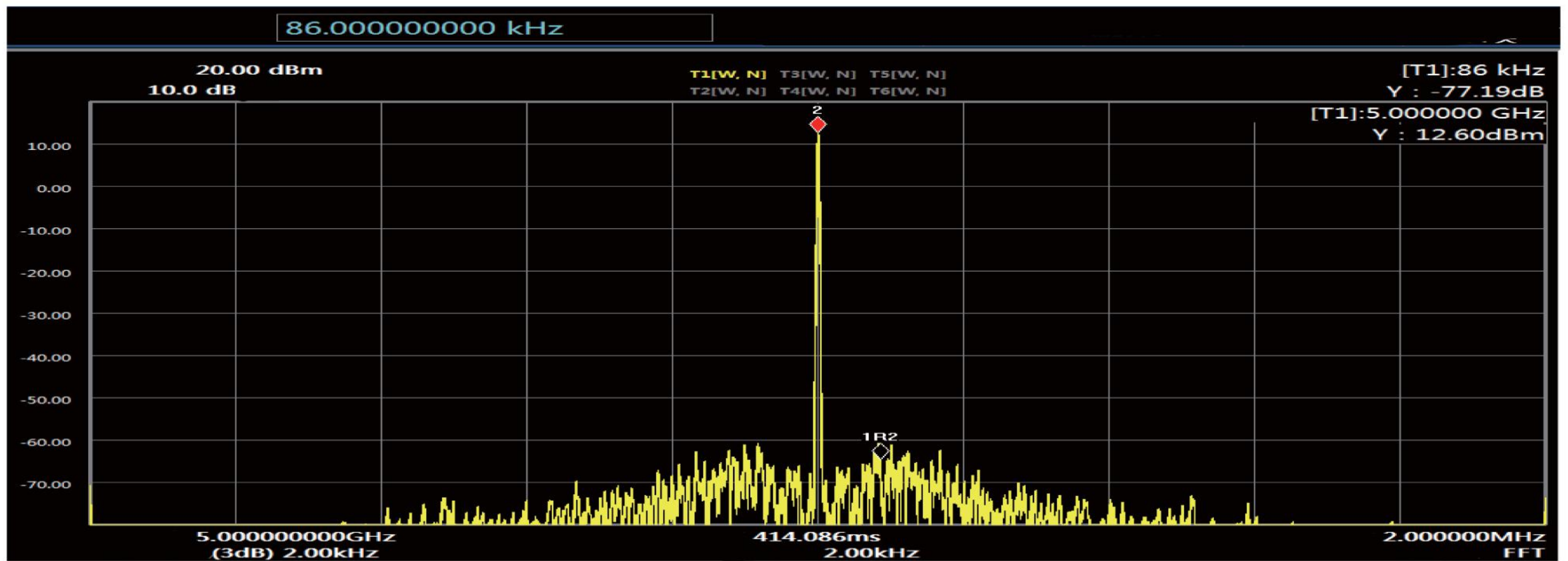
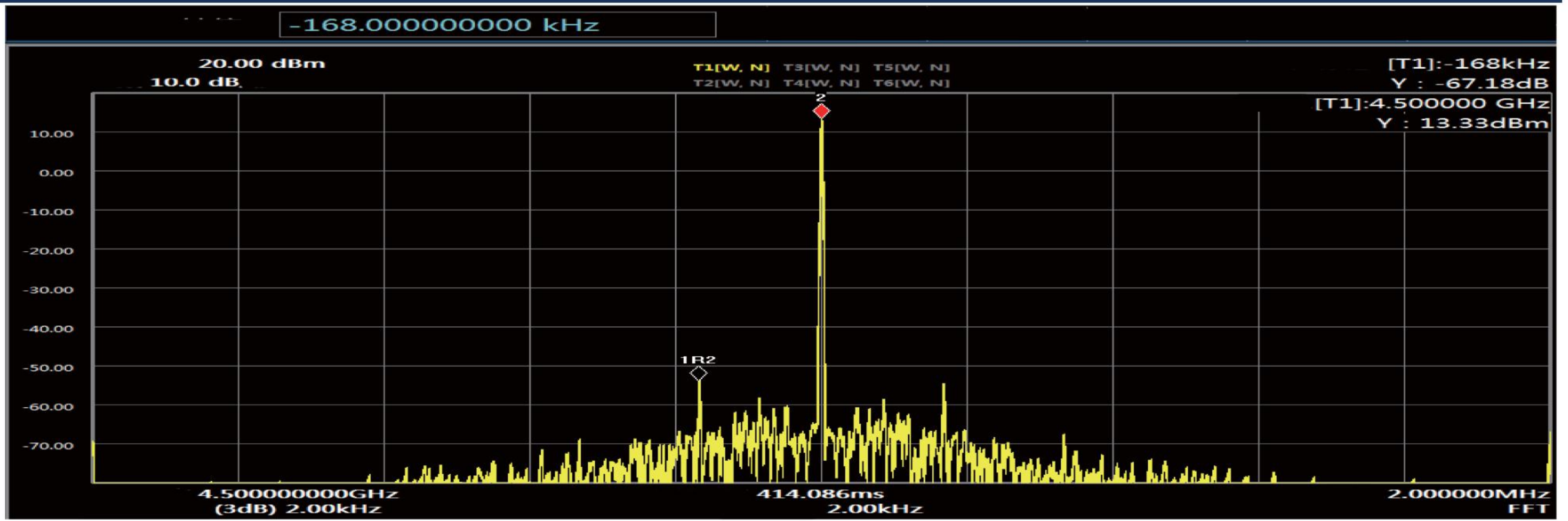




JS Microwave Technology & Solution

JSH020060G5053 2-6G Hz 200W

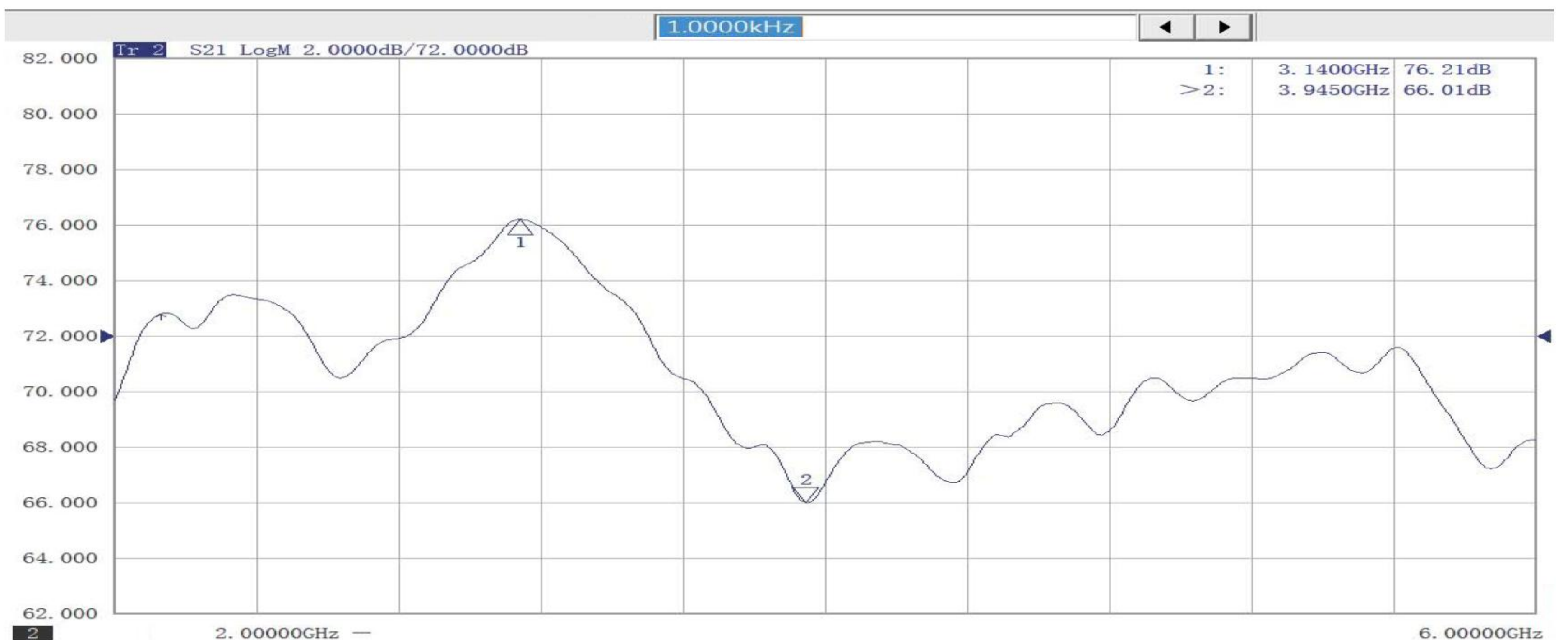
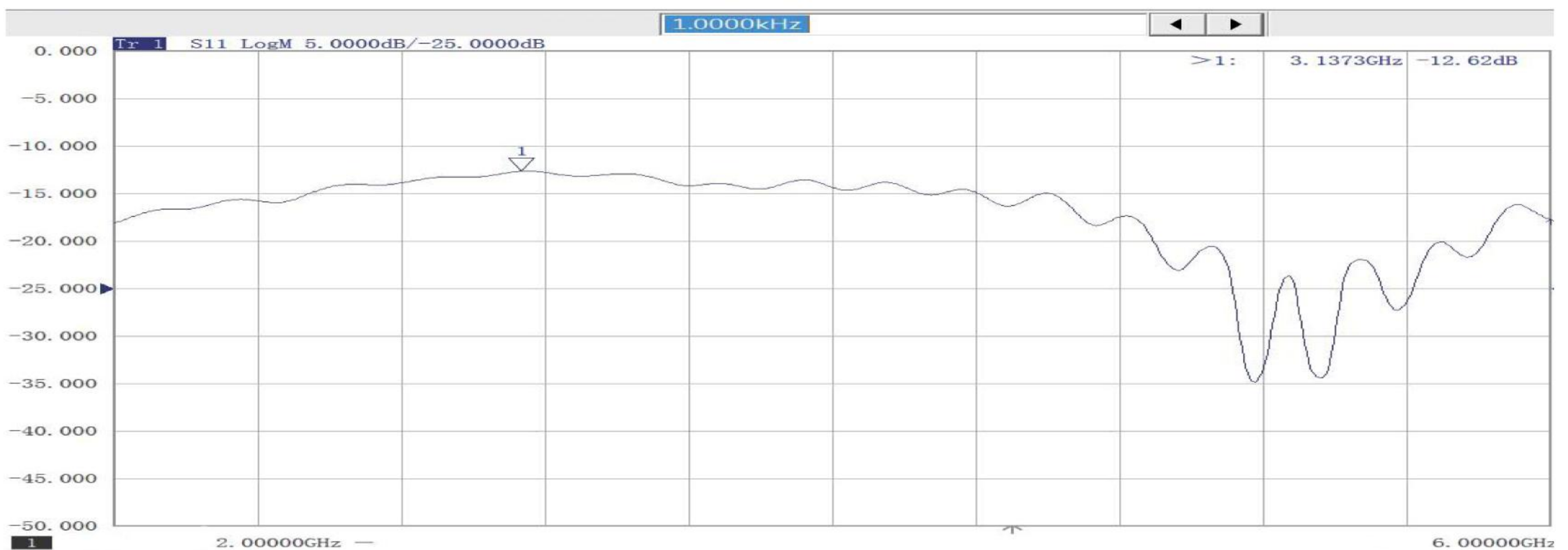
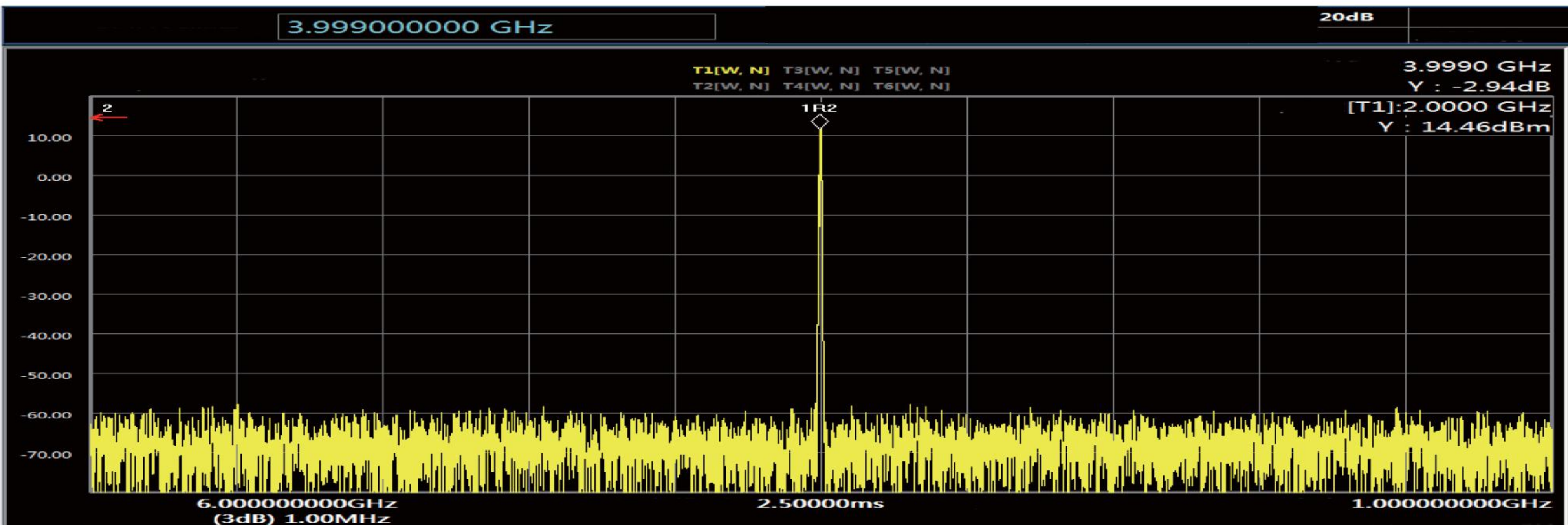
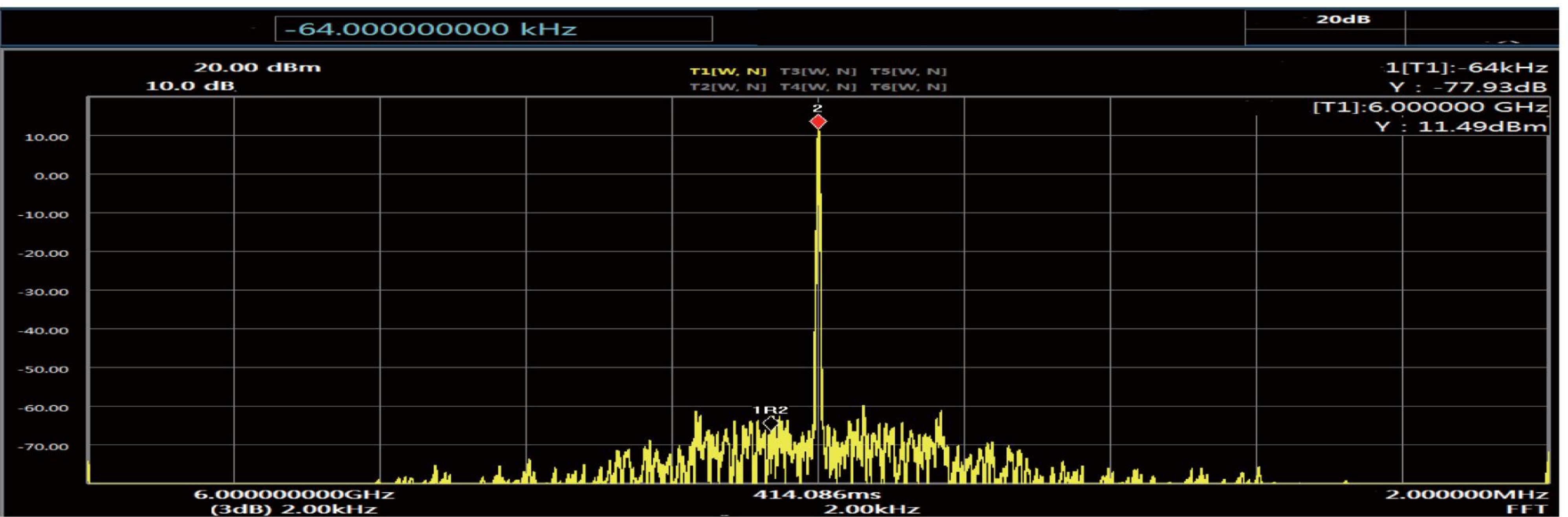
SOLID STATE HIGH POWER AMPLIFIER



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