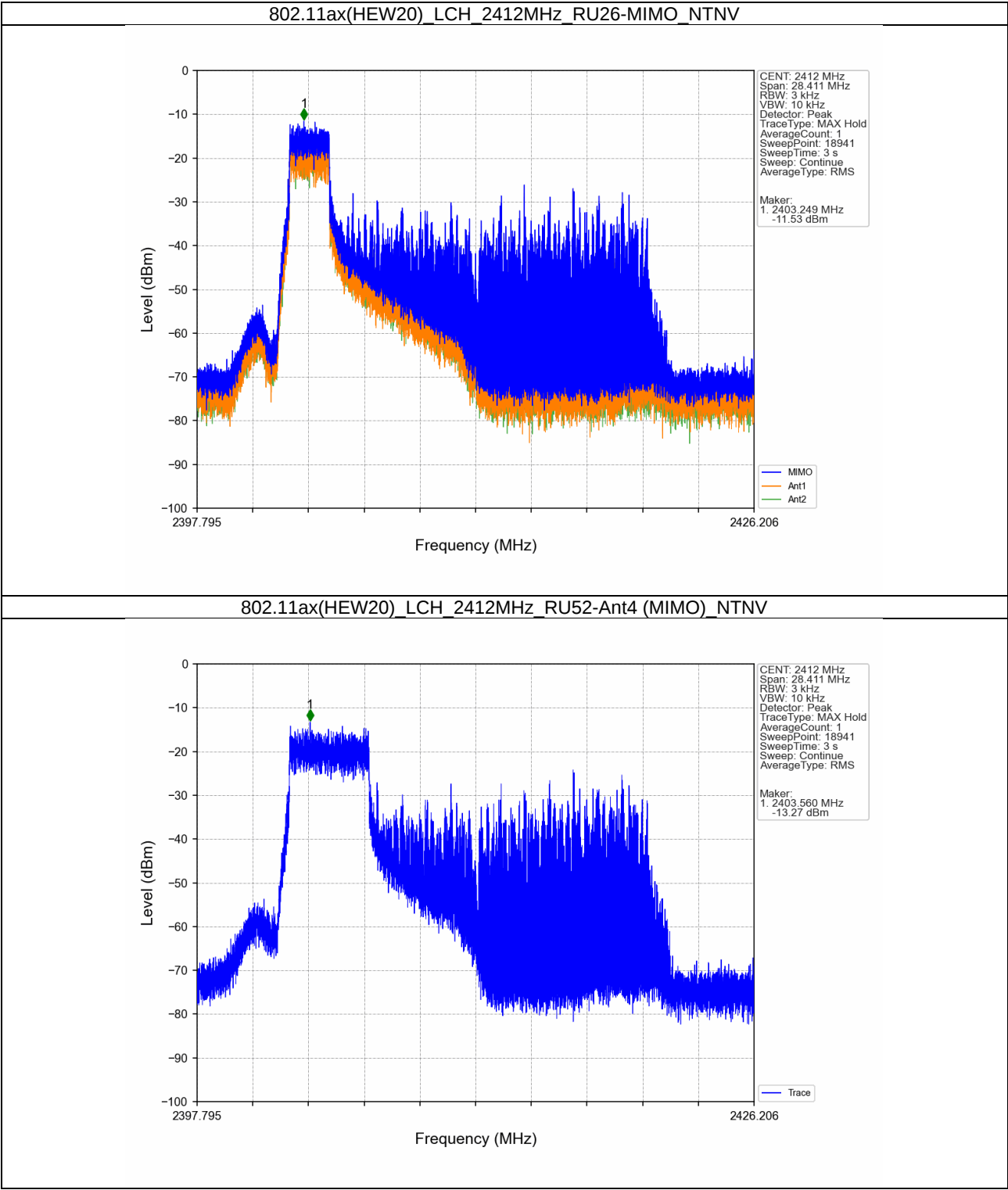




SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

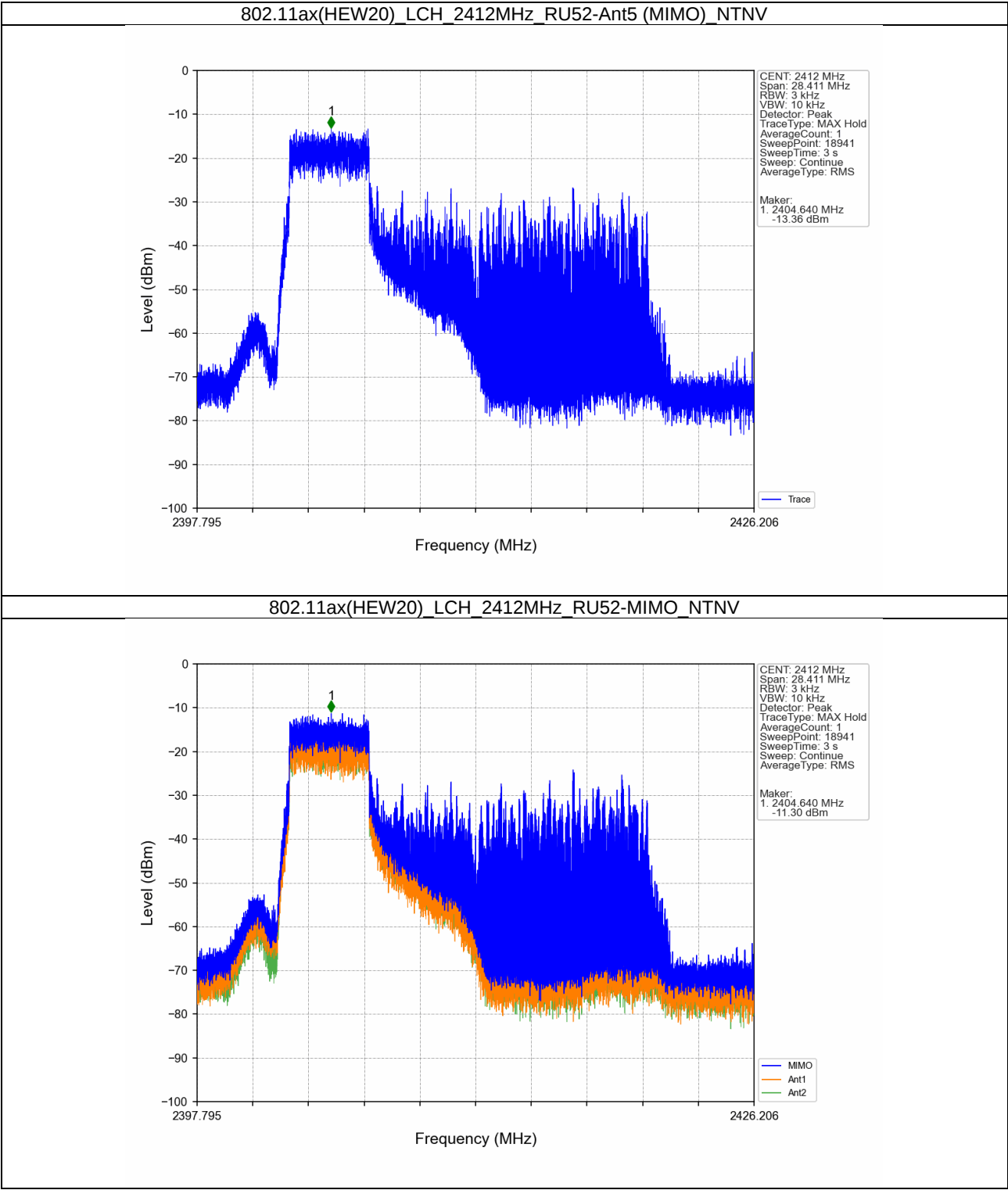
Report No.: SUCR250400034204
Rev.: 01
Page: 77 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

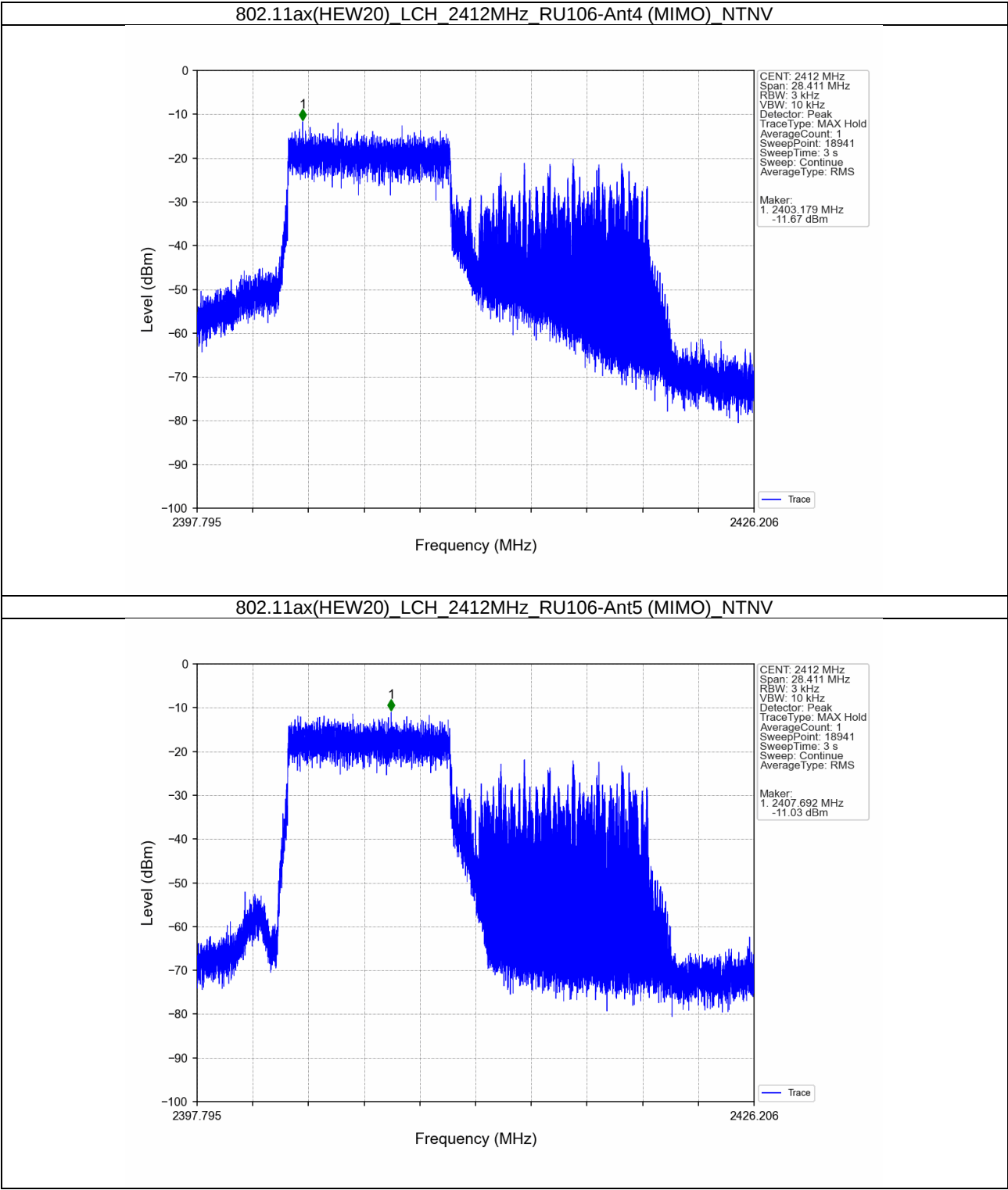
Report No.: SUCR250400034204
Rev.: 01
Page: 78 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

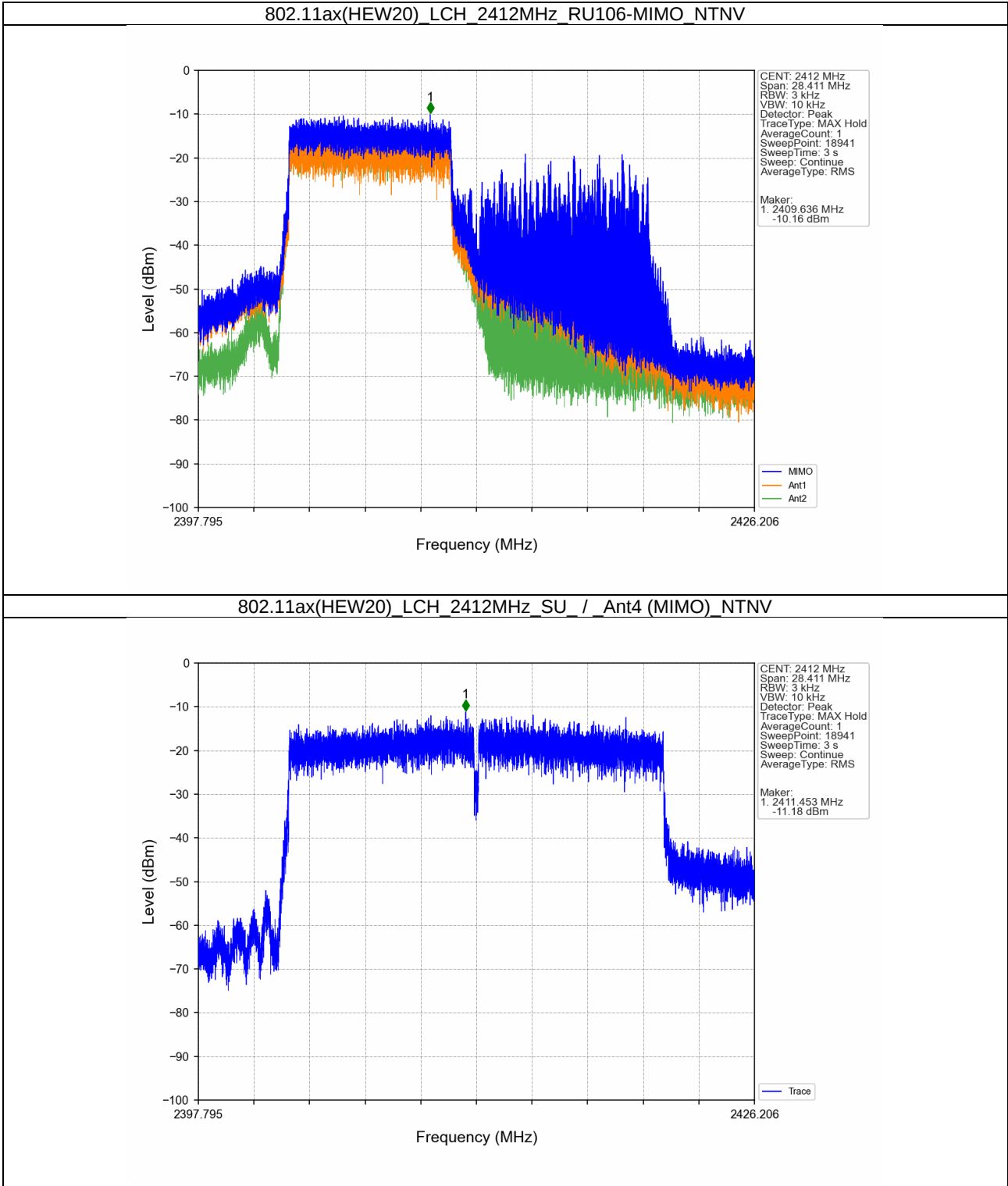
Report No.: SUCR250400034204
Rev.: 01
Page: 79 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

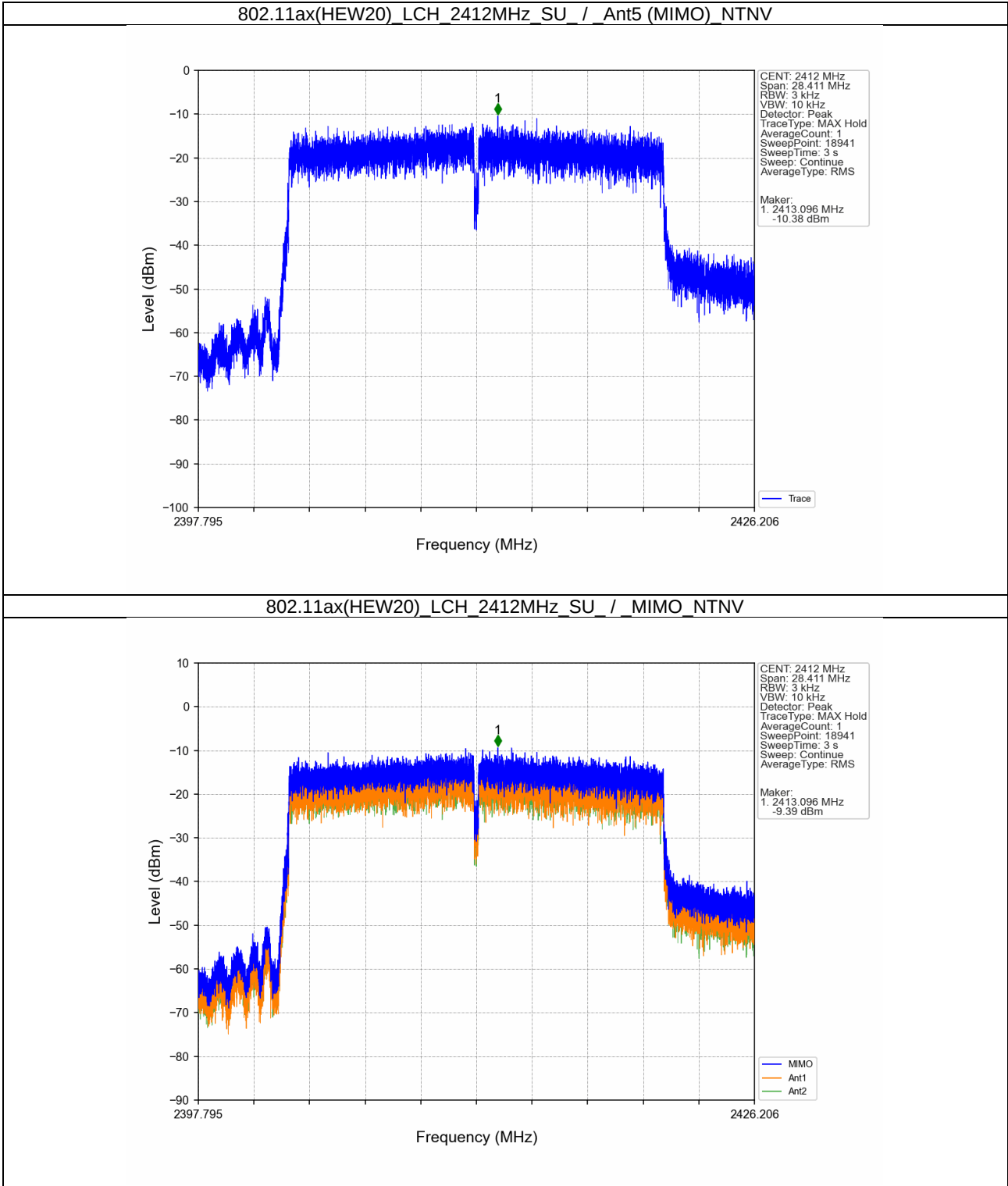
Report No.: SUCR250400034204
Rev.: 01
Page: 80 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

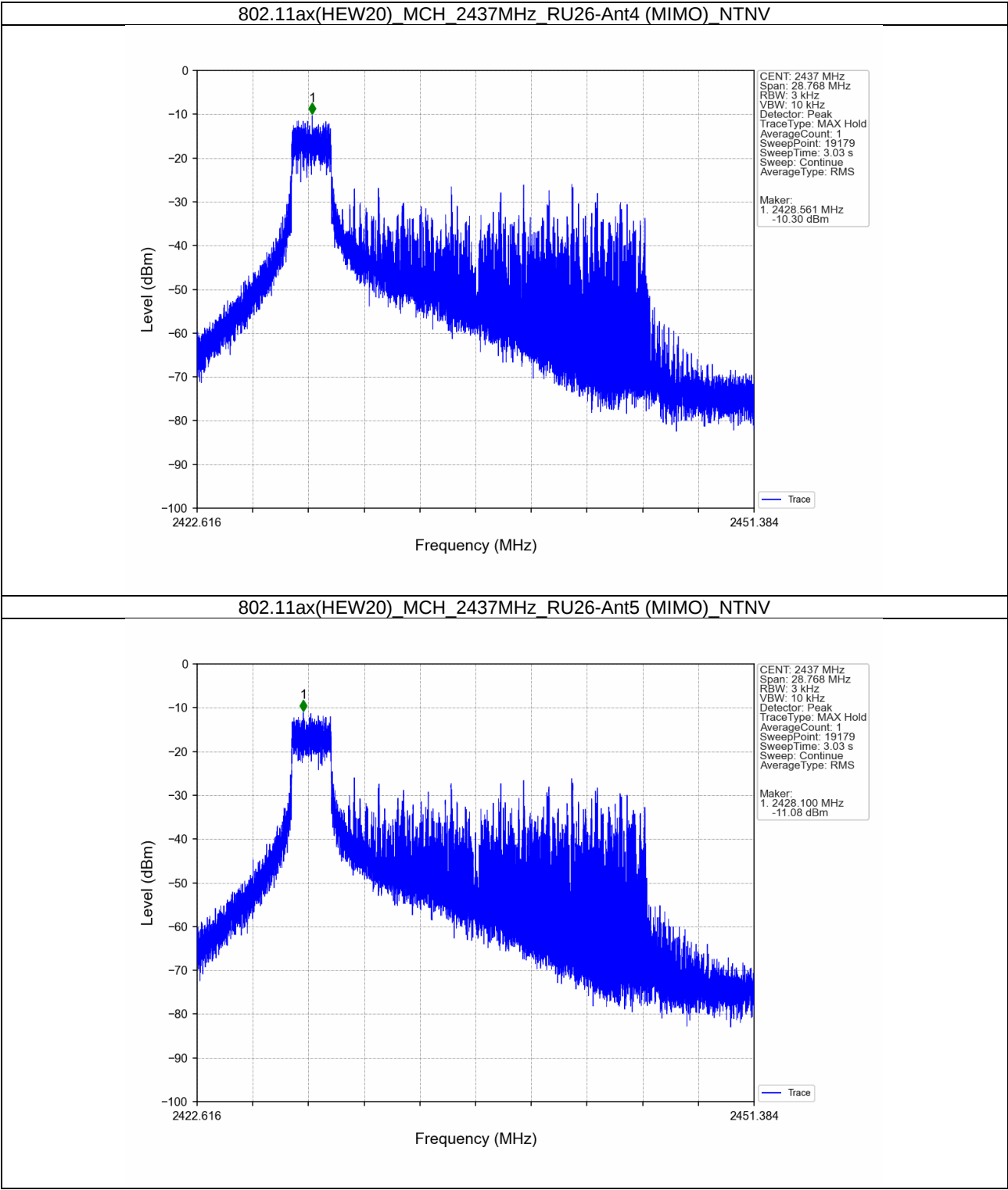
Report No.: SUCR250400034204
Rev.: 01
Page: 81 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

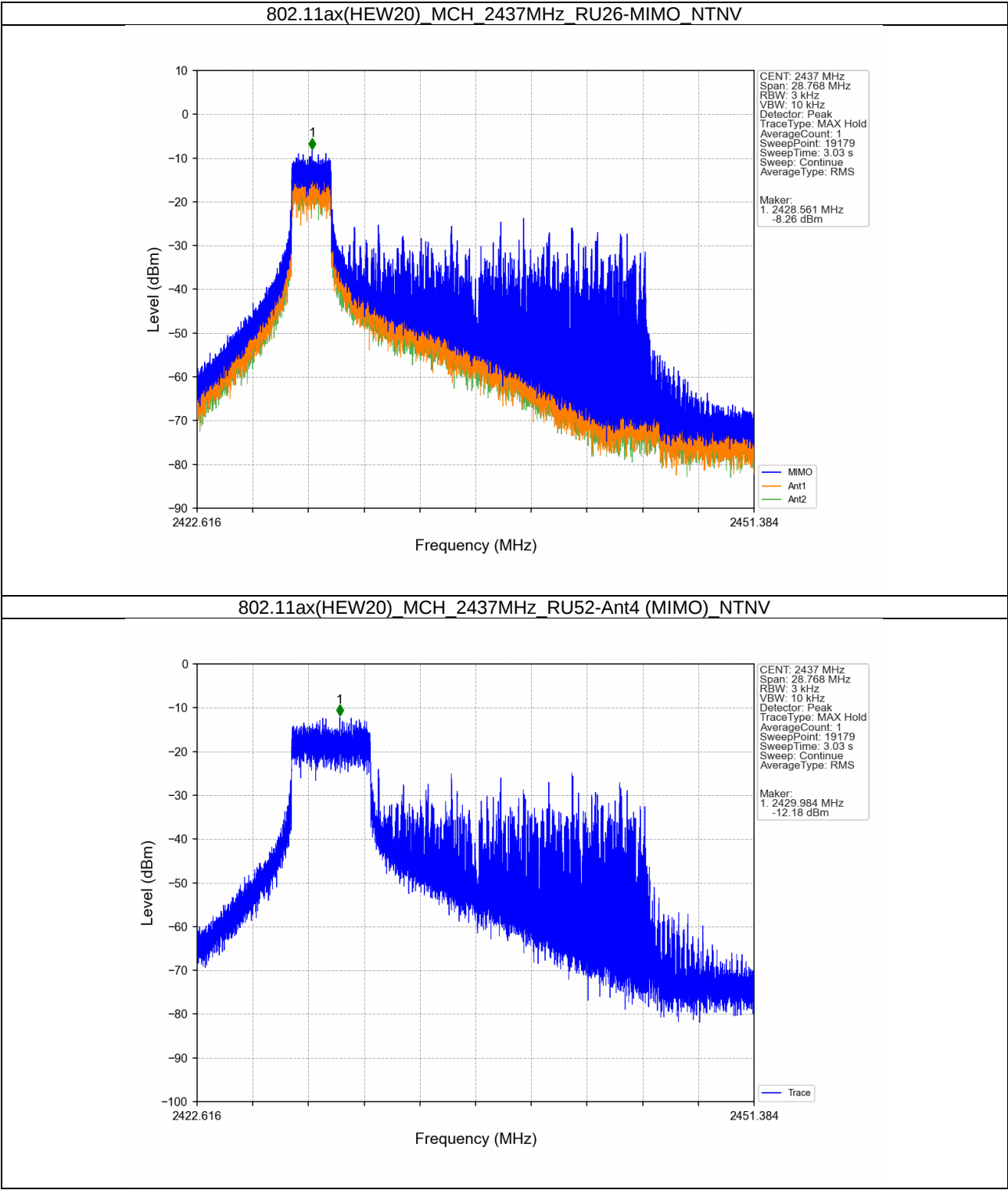
Report No.: SUCR250400034204
Rev.: 01
Page: 82 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

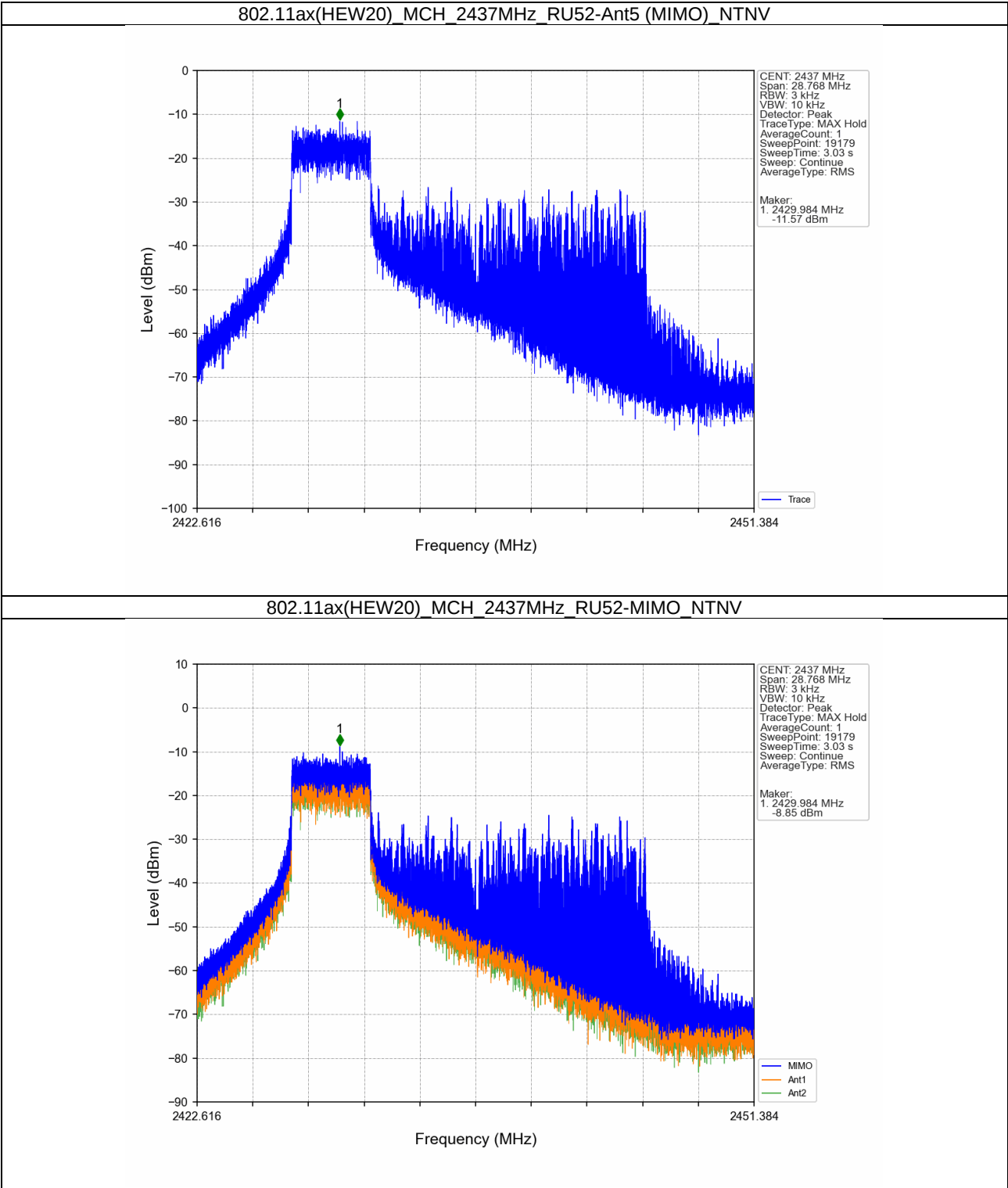
Report No.: SUCR250400034204
Rev.: 01
Page: 83 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

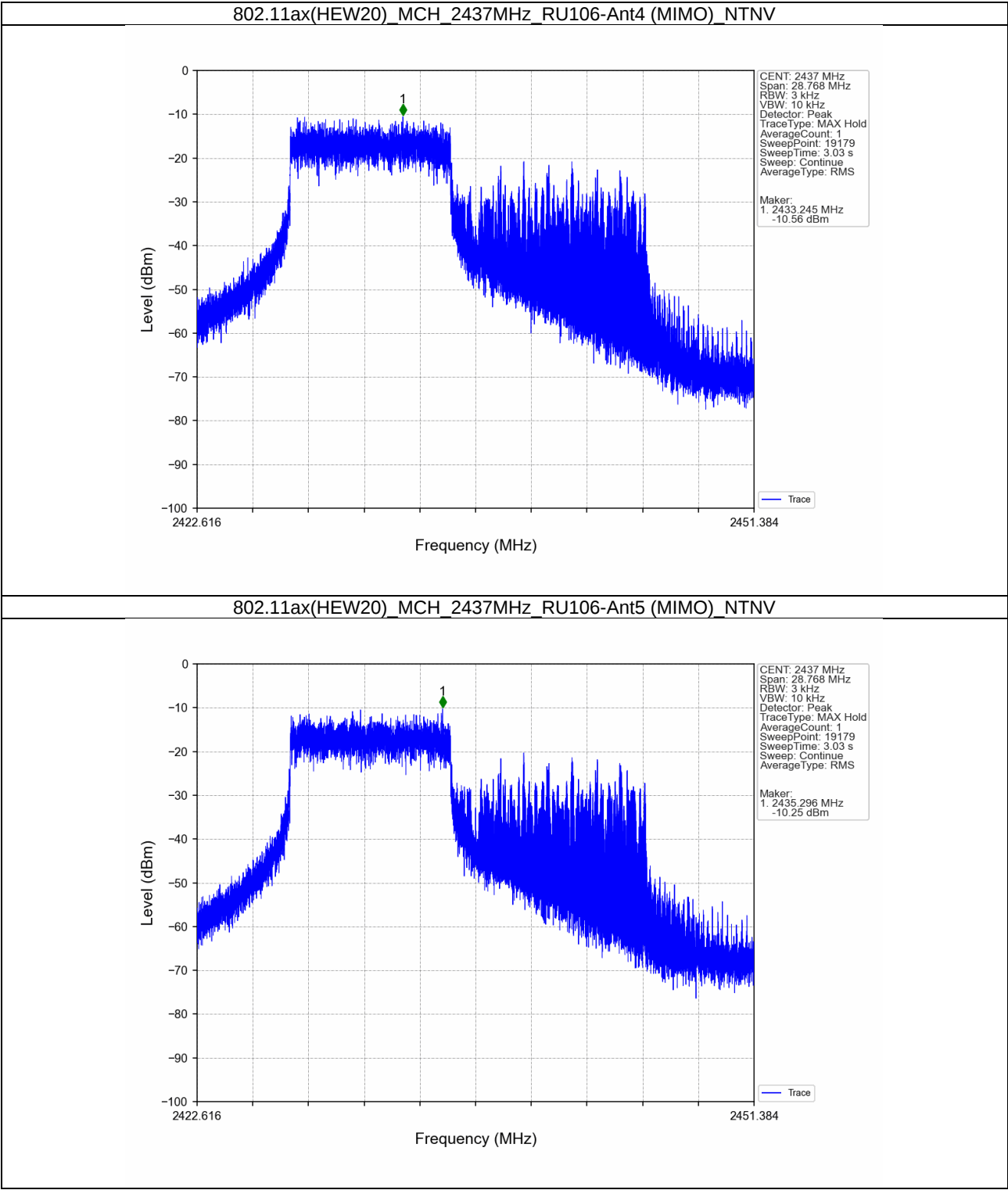
Report No.: SUCR250400034204
Rev.: 01
Page: 84 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

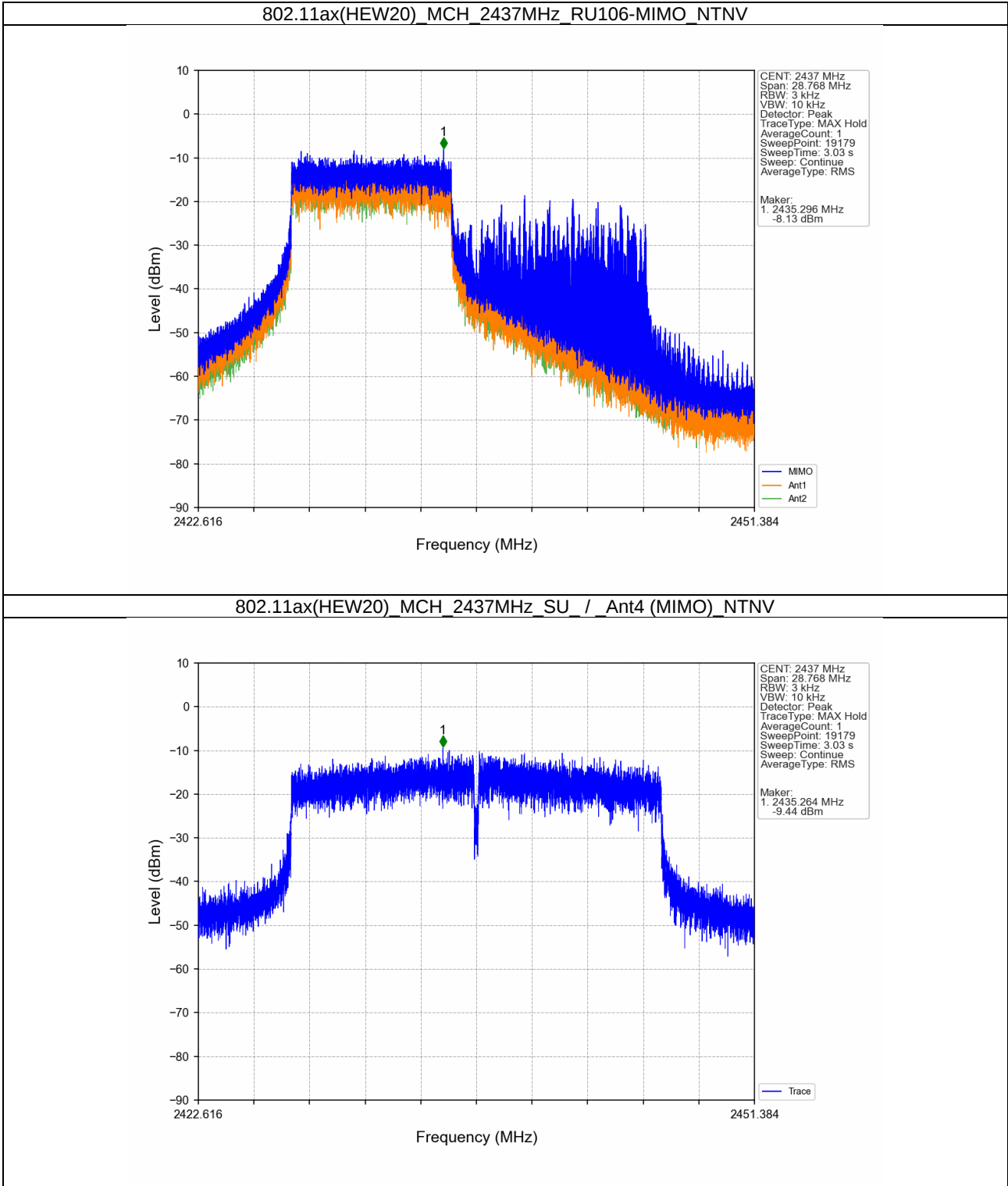
Report No.: SUCR250400034204
Rev.: 01
Page: 85 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

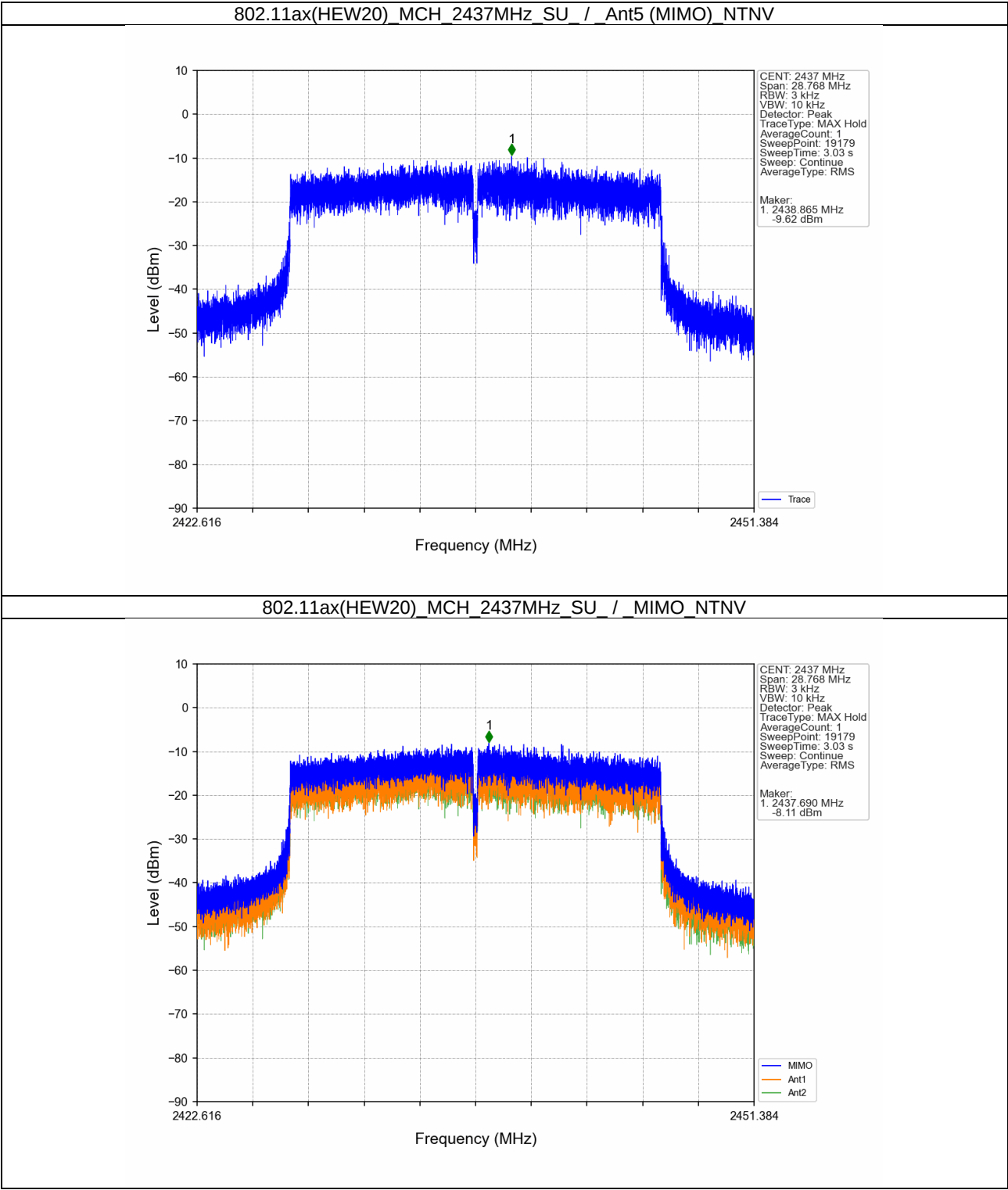
Report No.: SUCR250400034204
Rev.: 01
Page: 86 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

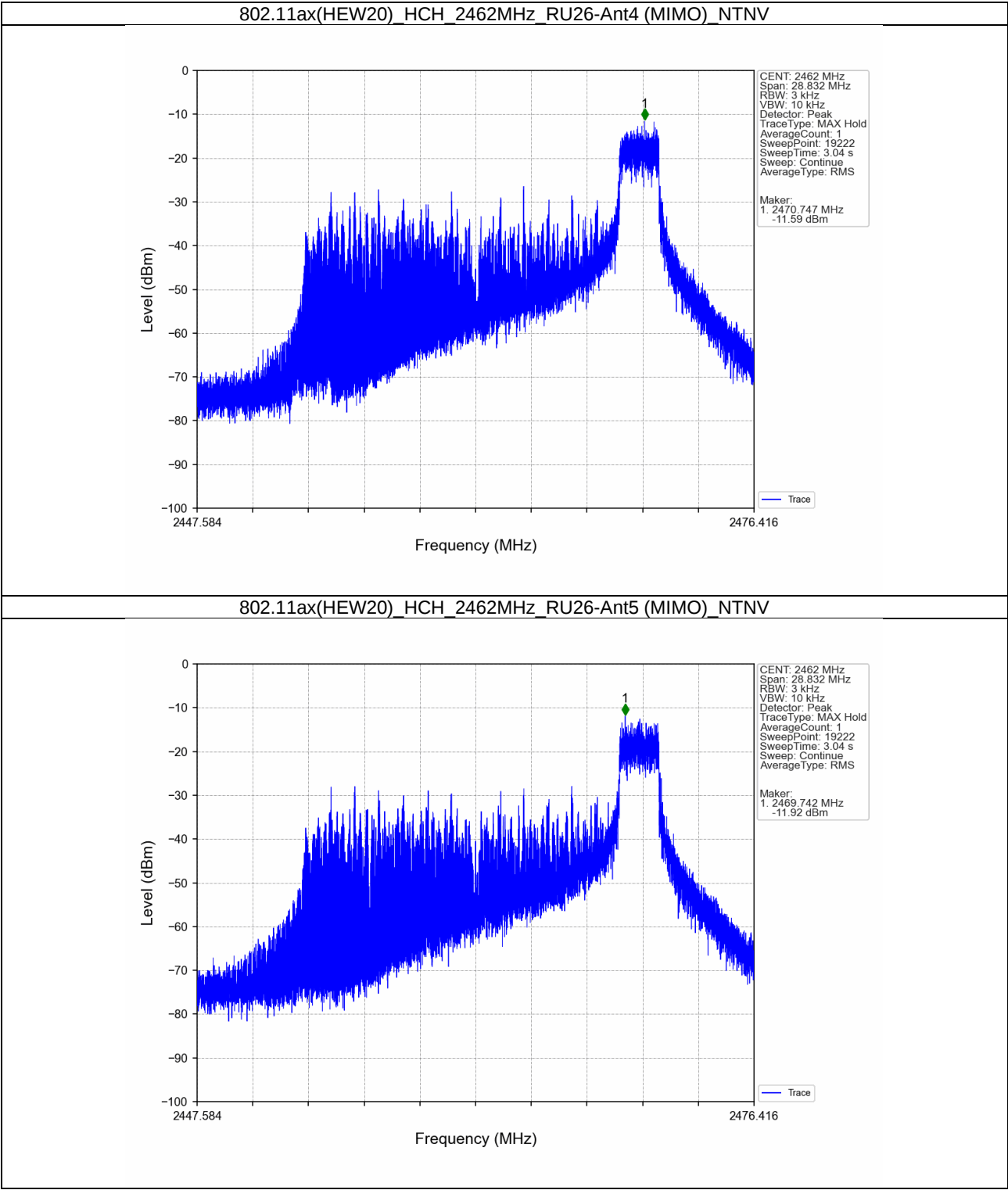
Report No.: SUCR250400034204
Rev.: 01
Page: 87 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

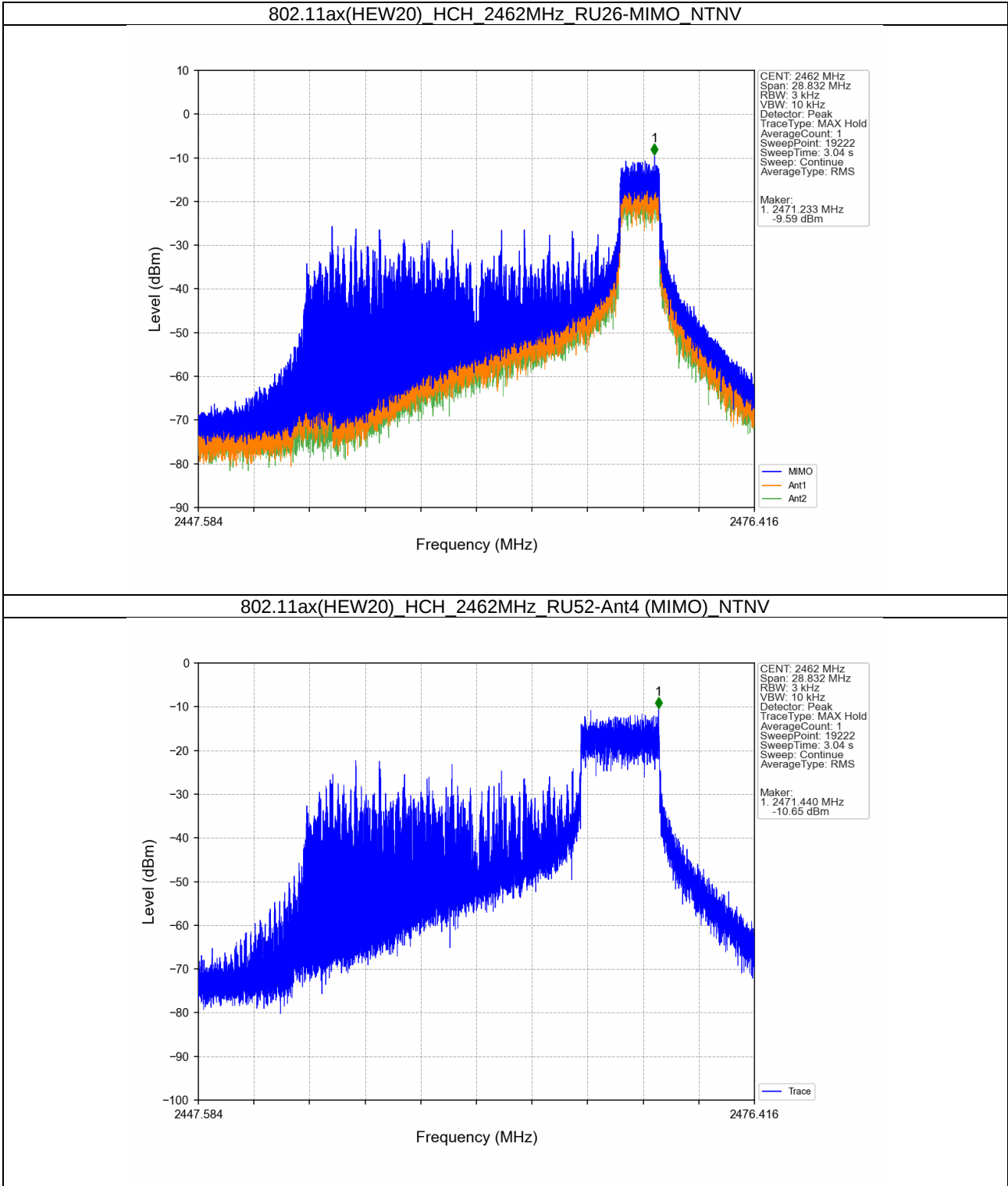
Report No.: SUCR250400034204
Rev.: 01
Page: 88 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

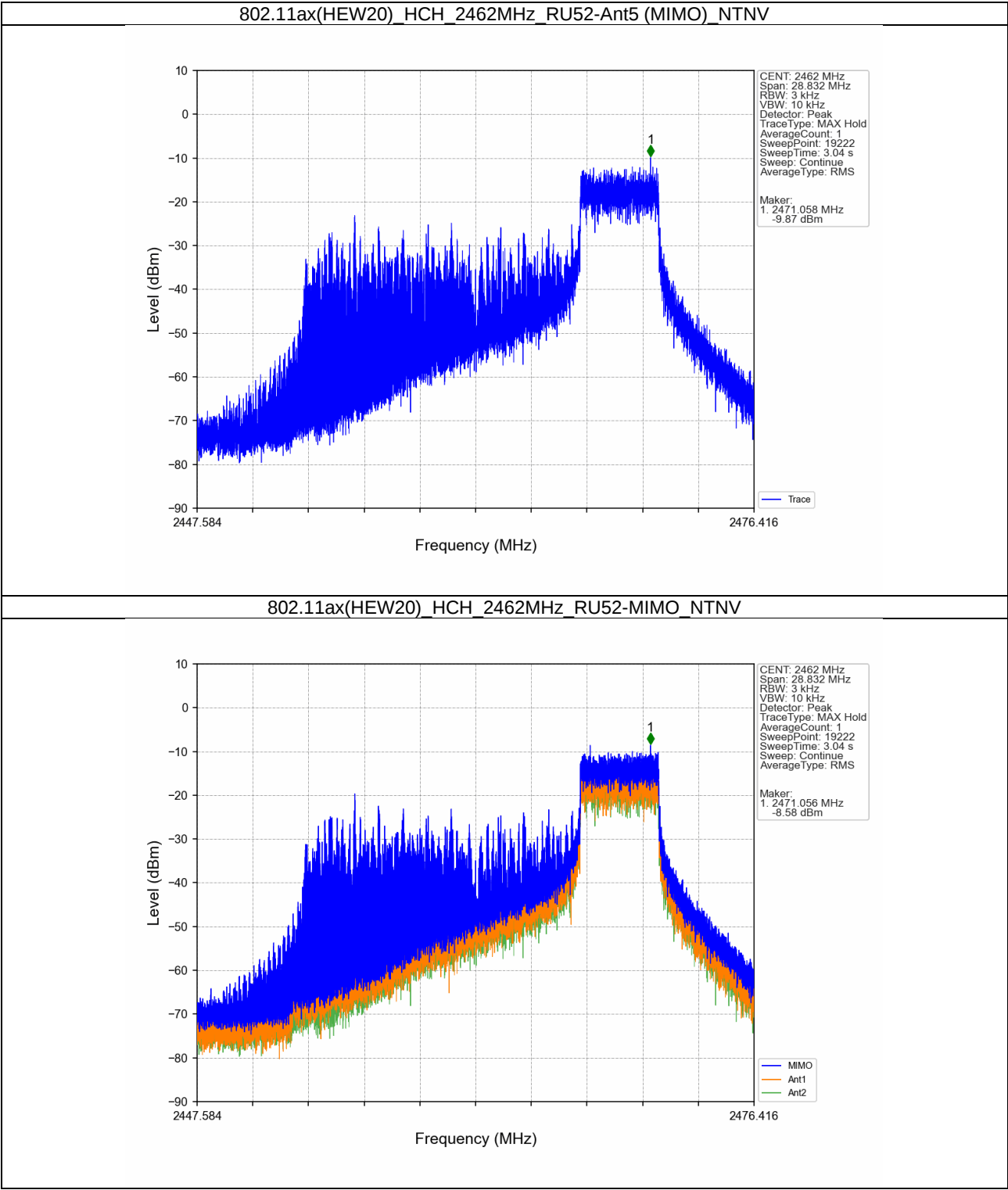
Report No.: SUCR250400034204
Rev.: 01
Page: 89 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

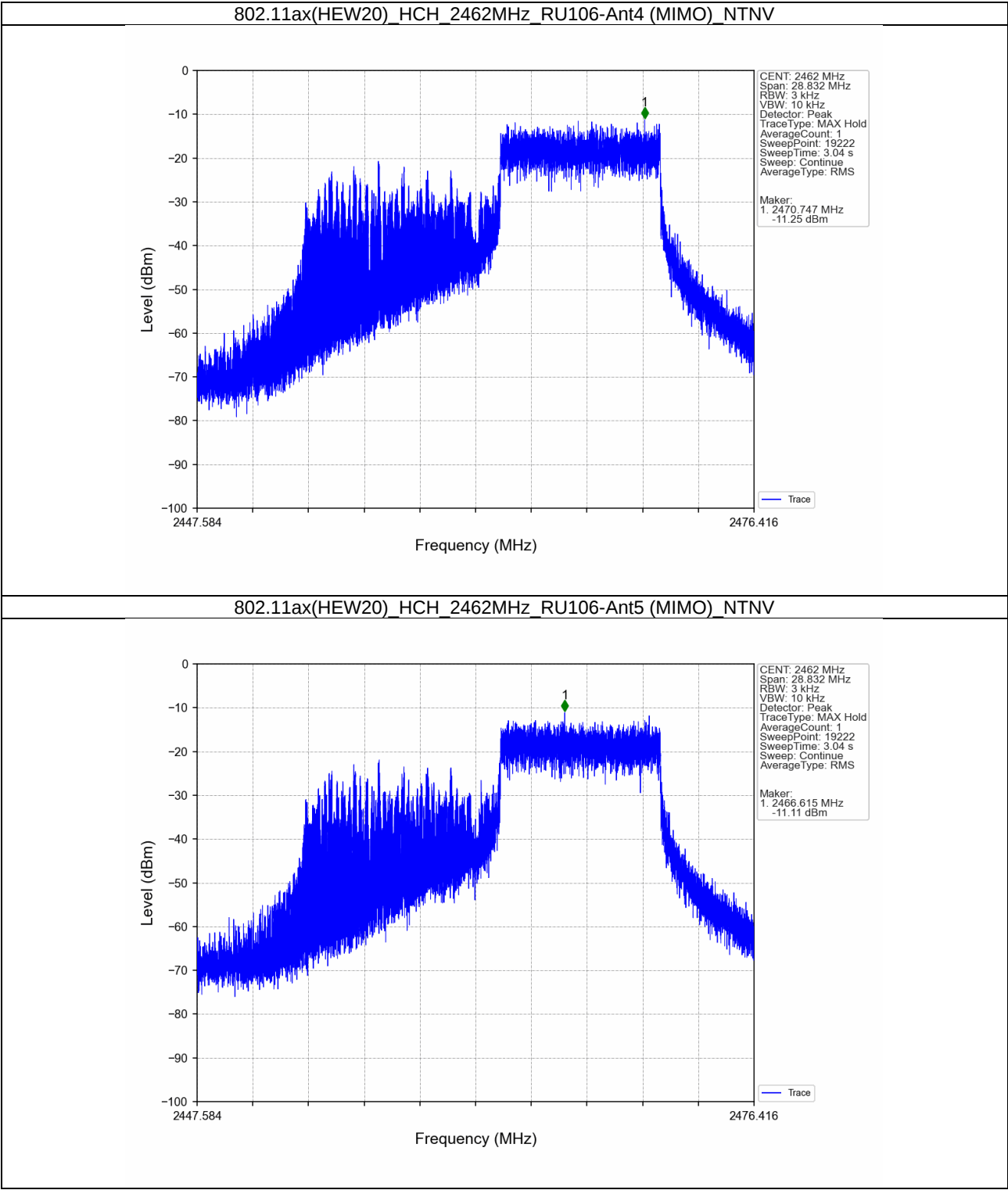
Report No.: SUCR250400034204
Rev.: 01
Page: 90 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

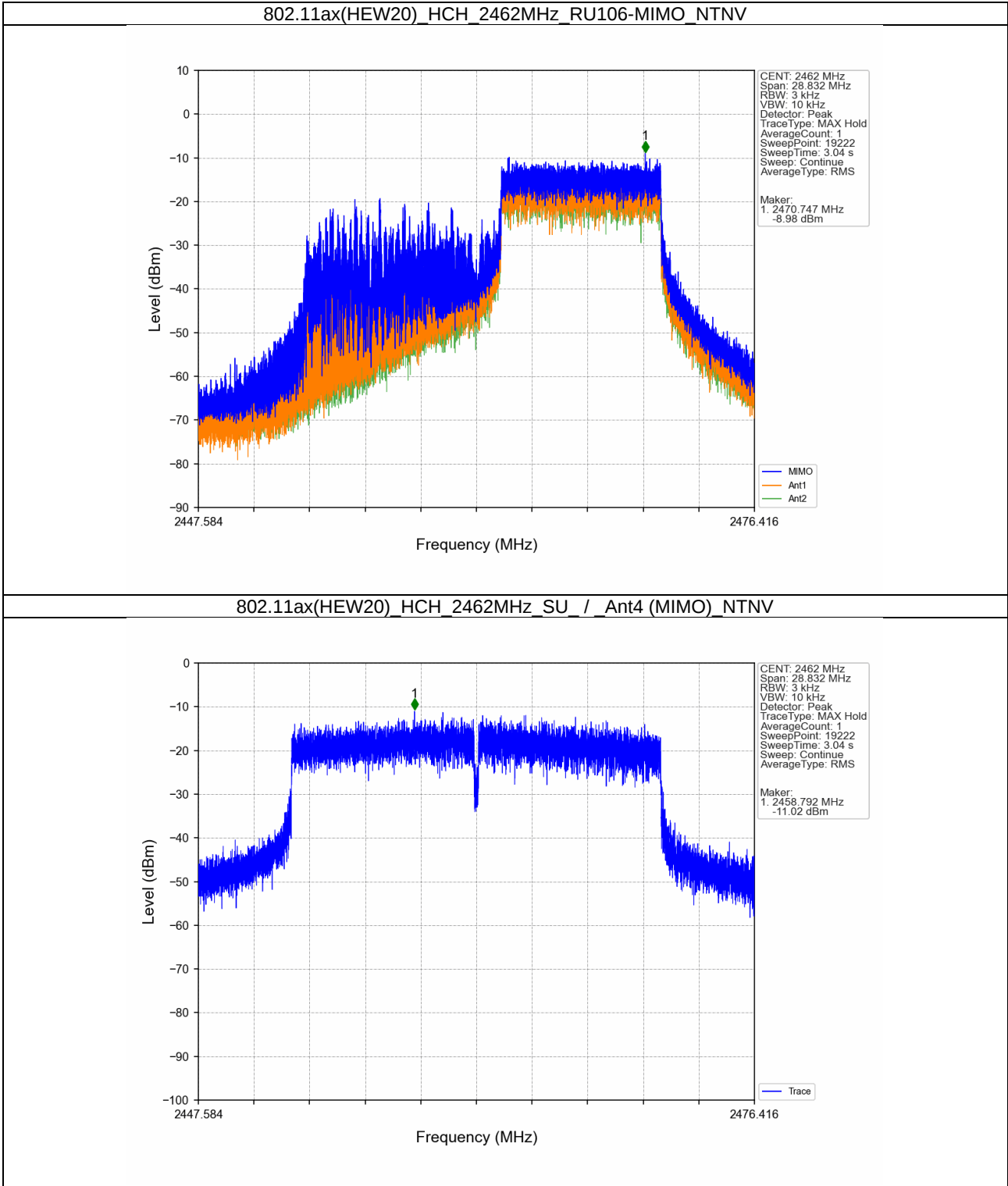
Report No.: SUCR250400034204
Rev.: 01
Page: 91 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

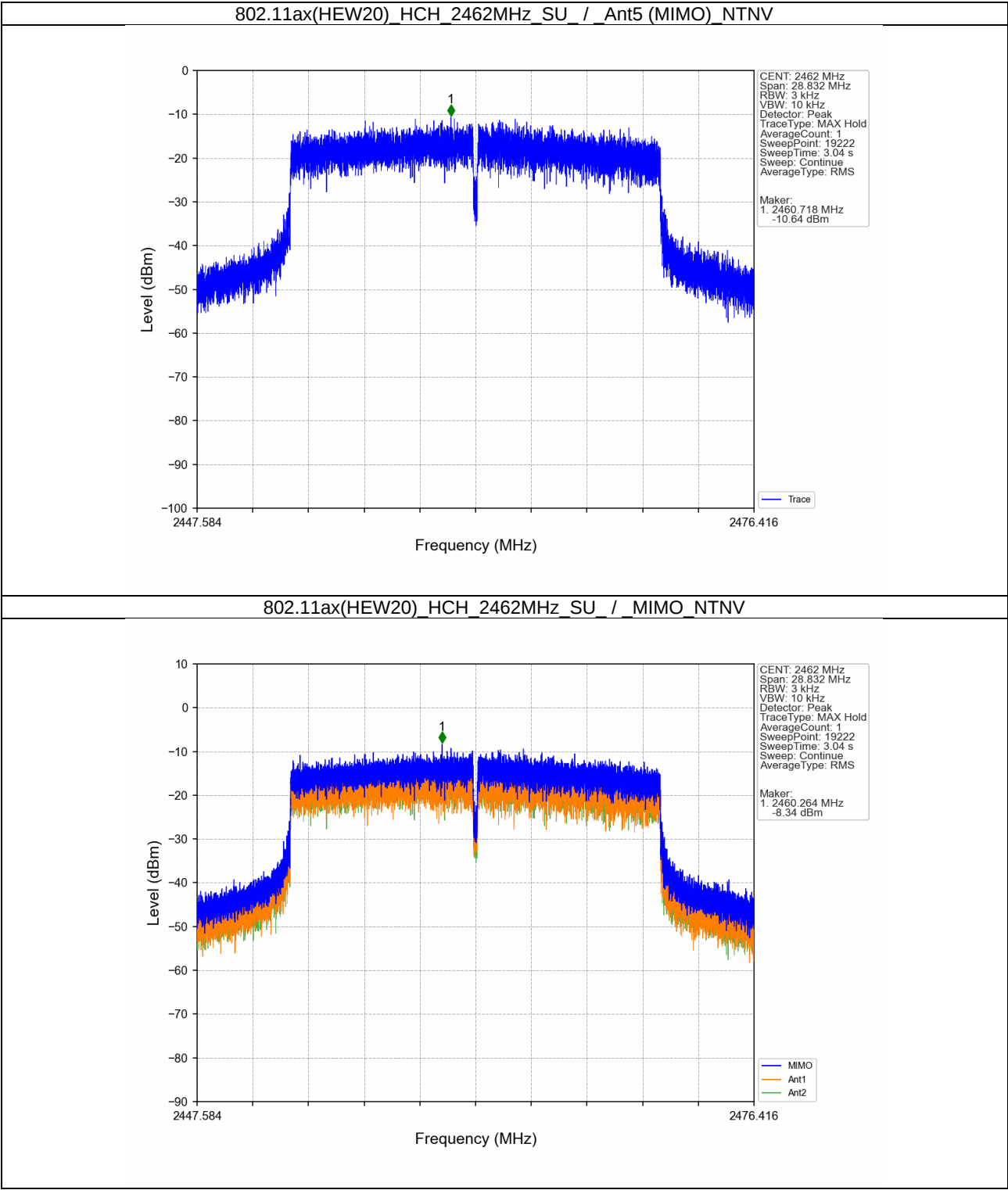
Report No.: SUCR250400034204
Rev.: 01
Page: 92 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

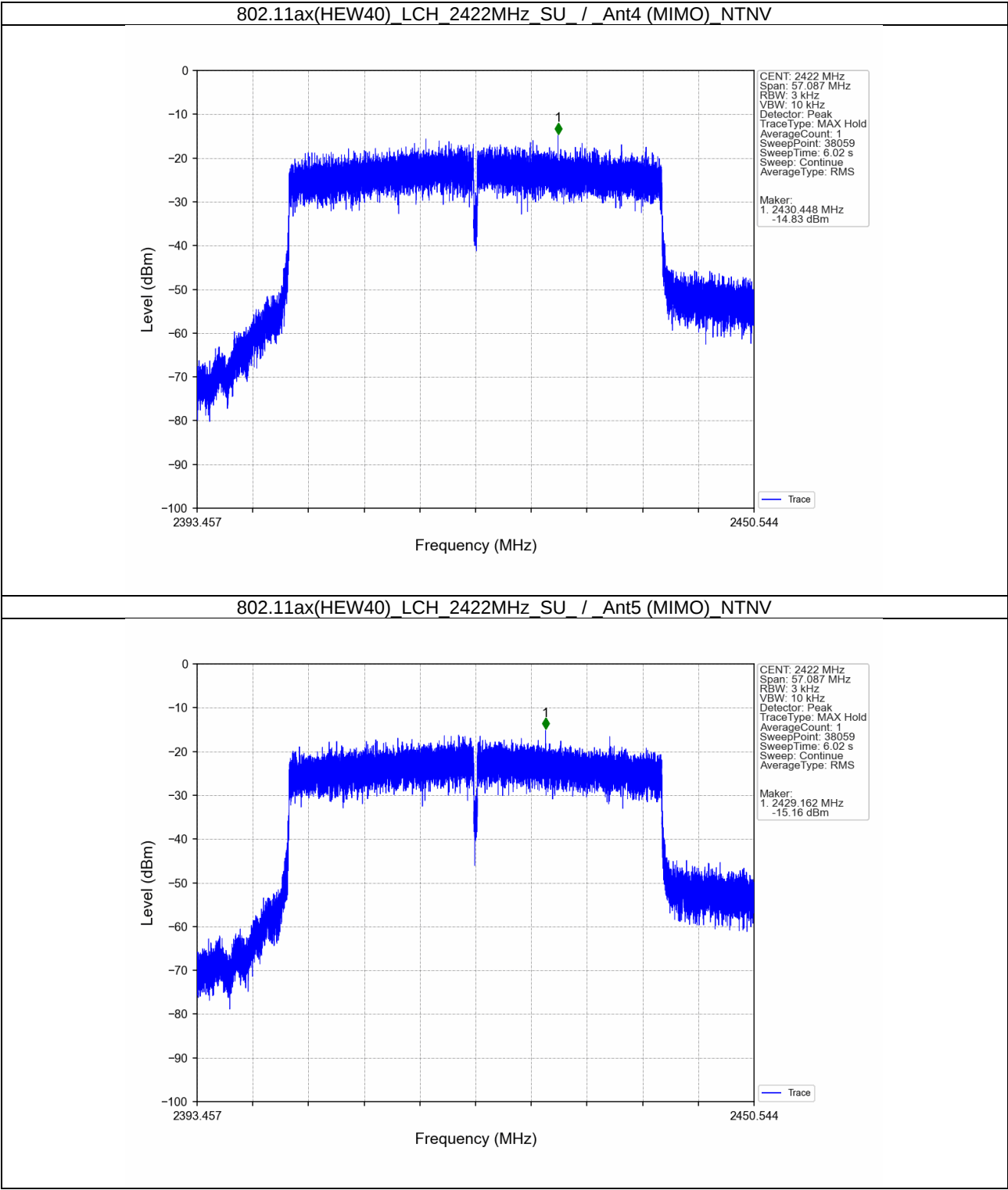
Report No.: SUCR250400034204
Rev.: 01
Page: 93 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

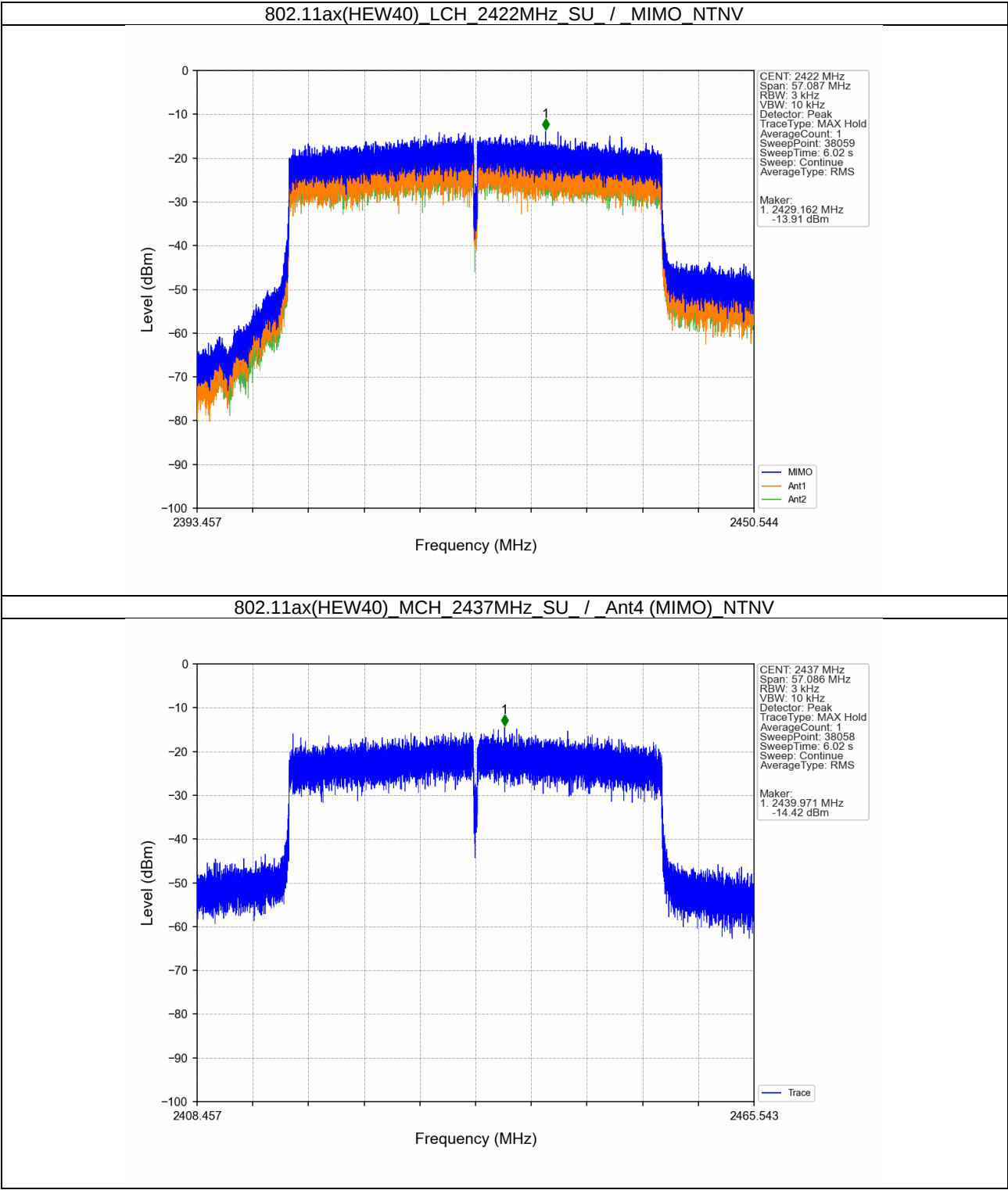
Report No.: SUCR250400034204
Rev.: 01
Page: 94 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

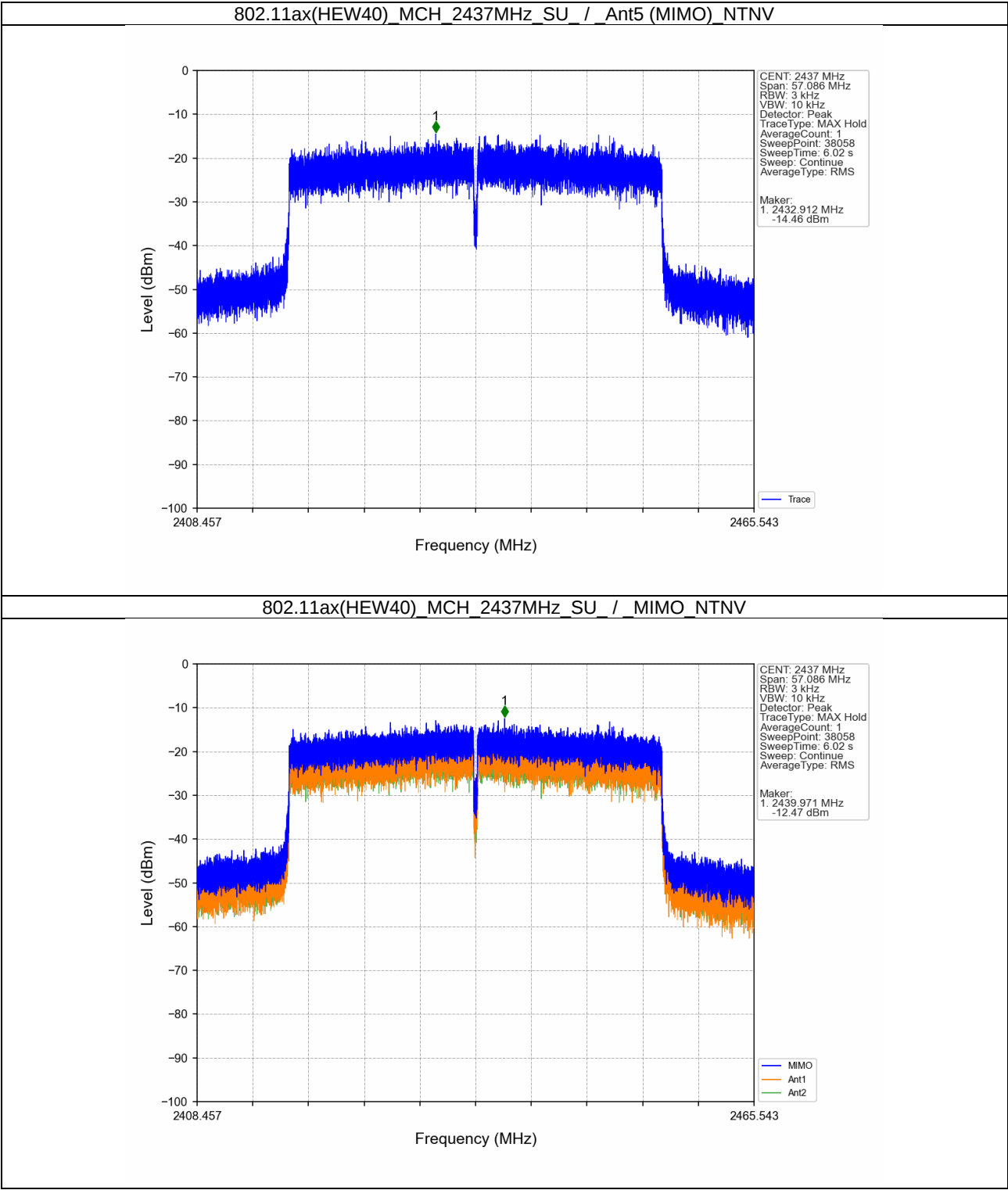
Report No.: SUCR250400034204
Rev.: 01
Page: 95 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

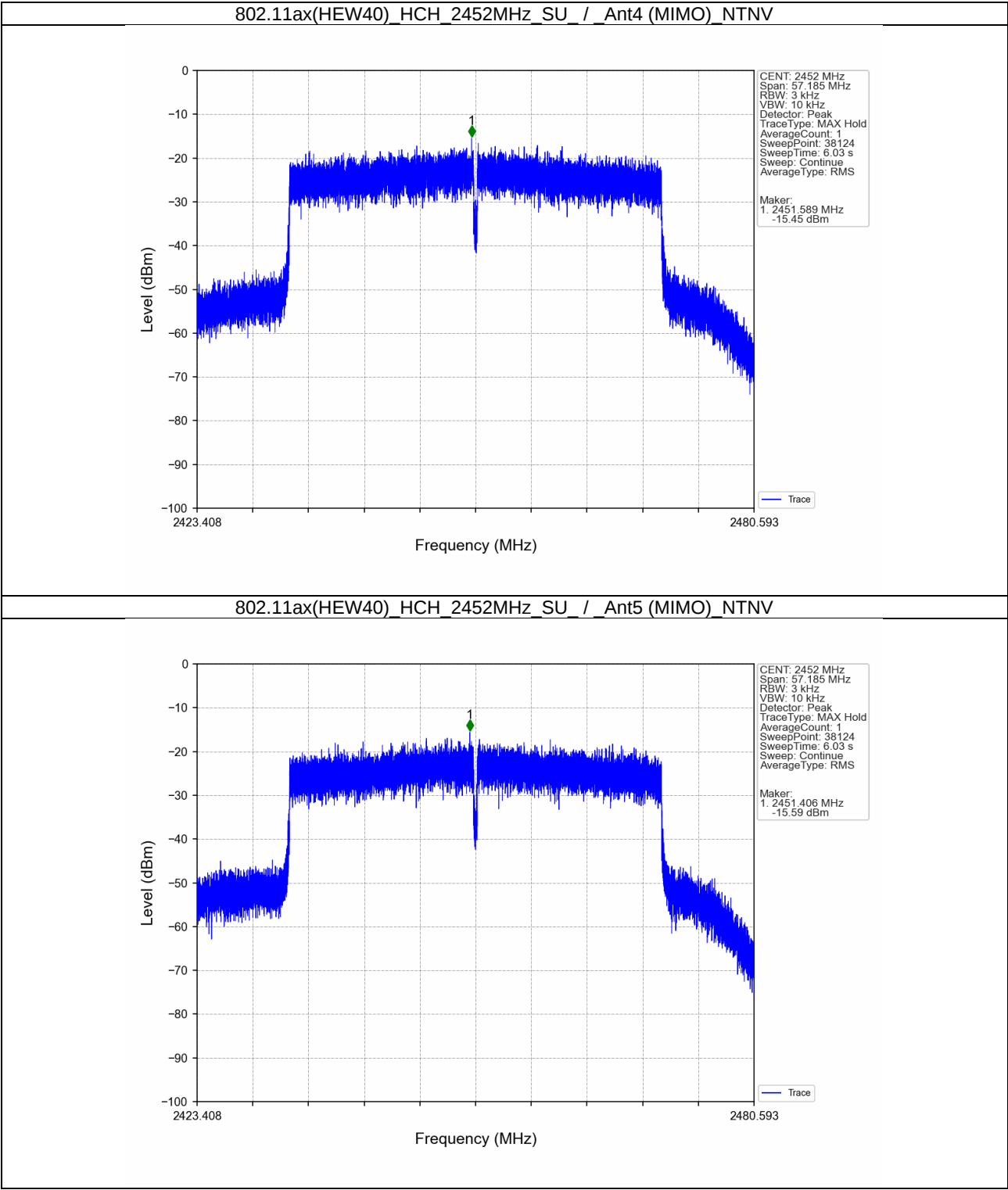
Report No.: SUCR250400034204
Rev.: 01
Page: 96 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204
Rev.: 01
Page: 97 of 422



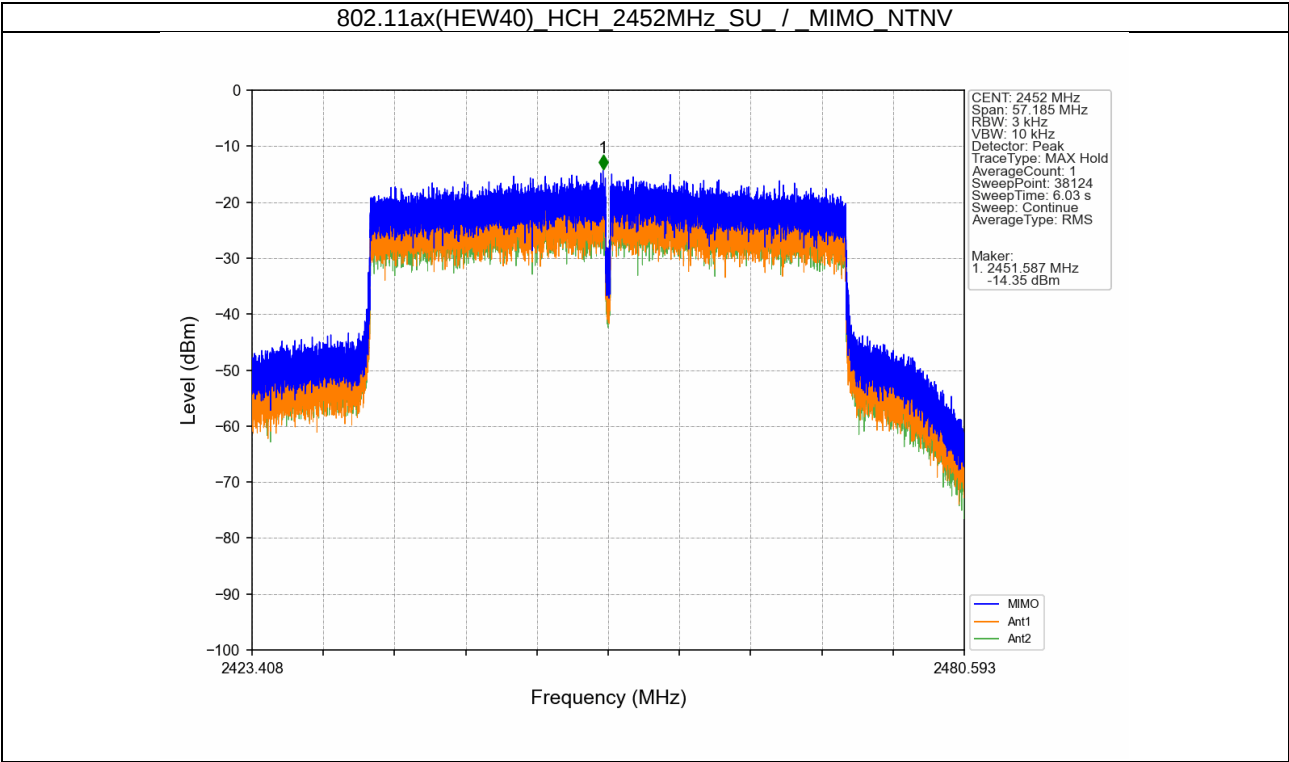


SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204

Rev.: 01

Page: 98 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204

Rev.: 01

Page: 99 of 422

5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	MIMO	2412	/	/	4	9.21
					5	8.63
		2437	/	/	4	7.27
					5	6.61
		2462	/	/	4	8.18
					5	7.85
802.11g	MIMO	2412	/	/	4	4.30
					5	4.83
		2437	/	/	4	6.55
					5	6.44
		2462	/	/	4	4.98
					5	5.91
802.11n (HT20)	MIMO	2412	/	/	4	4.08
					5	4.76
		2437	/	/	4	6.63
					5	6.55
		2462	/	/	4	4.94
					5	5.55
802.11n (HT40)	MIMO	2422	/	/	4	-0.40
					5	-0.06
		2437	/	/	4	0.14
					5	0.51
		2452	/	/	4	-0.62
					5	-0.58
802.11ax (HEW20)	MIMO	2412	SU	/	4	4.56
					5	4.65
		2437	SU	/	4	6.44
					5	6.35
		2462	SU	/	4	4.85
					5	5.38
802.11ax (HEW40)	MIMO	2422	SU	/	4	-0.41
					5	-0.31
		2437	SU	/	4	0.51
					5	0.76
		2452	SU	/	4	-1.18
					5	-1.10
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						

5.1.2 CSE

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	MIMO	2412	/	/	4	9.21	-10.79	Pass
					5	8.63	-11.37	Pass
		2437	/	/	4	9.21	-10.79	Pass



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204

Rev.: 01

Page: 100 of 422

					5	8.63	-11.37	Pass
		2462	/	/	4	9.21	-10.79	Pass
					5	8.63	-11.37	Pass
802.11g	MIMO	2412	/	/	4	6.55	-13.45	Pass
					5	6.44	-13.56	Pass
		2437	/	/	4	6.55	-13.45	Pass
					5	6.44	-13.56	Pass
		2462	/	/	4	6.55	-13.45	Pass
					5	6.44	-13.56	Pass
802.11n (HT20)	MIMO	2412	/	/	4	6.63	-13.37	Pass
					5	6.55	-13.45	Pass
		2437	/	/	4	6.63	-13.37	Pass
					5	6.55	-13.45	Pass
		2462	/	/	4	6.63	-13.37	Pass
					5	6.55	-13.45	Pass
802.11n (HT40)	MIMO	2422	/	/	4	0.14	-19.86	Pass
					5	0.51	-19.49	Pass
		2437	/	/	4	0.14	-19.86	Pass
					5	0.51	-19.49	Pass
		2452	/	/	4	0.14	-19.86	Pass
					5	0.51	-19.49	Pass
802.11ax (HEW20)	MIMO	2412	SU	/	4	6.44	-13.56	Pass
					5	6.35	-13.65	Pass
		2437	SU	/	4	6.44	-13.56	Pass
					5	6.35	-13.65	Pass
		2462	SU	/	4	6.44	-13.56	Pass
					5	6.35	-13.65	Pass
802.11ax (HEW40)	MIMO	2422	SU	/	4	0.51	-19.49	Pass
					5	0.76	-19.24	Pass
		2437	SU	/	4	0.51	-19.49	Pass
					5	0.76	-19.24	Pass
		2452	SU	/	4	0.51	-19.49	Pass
					5	0.76	-19.24	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

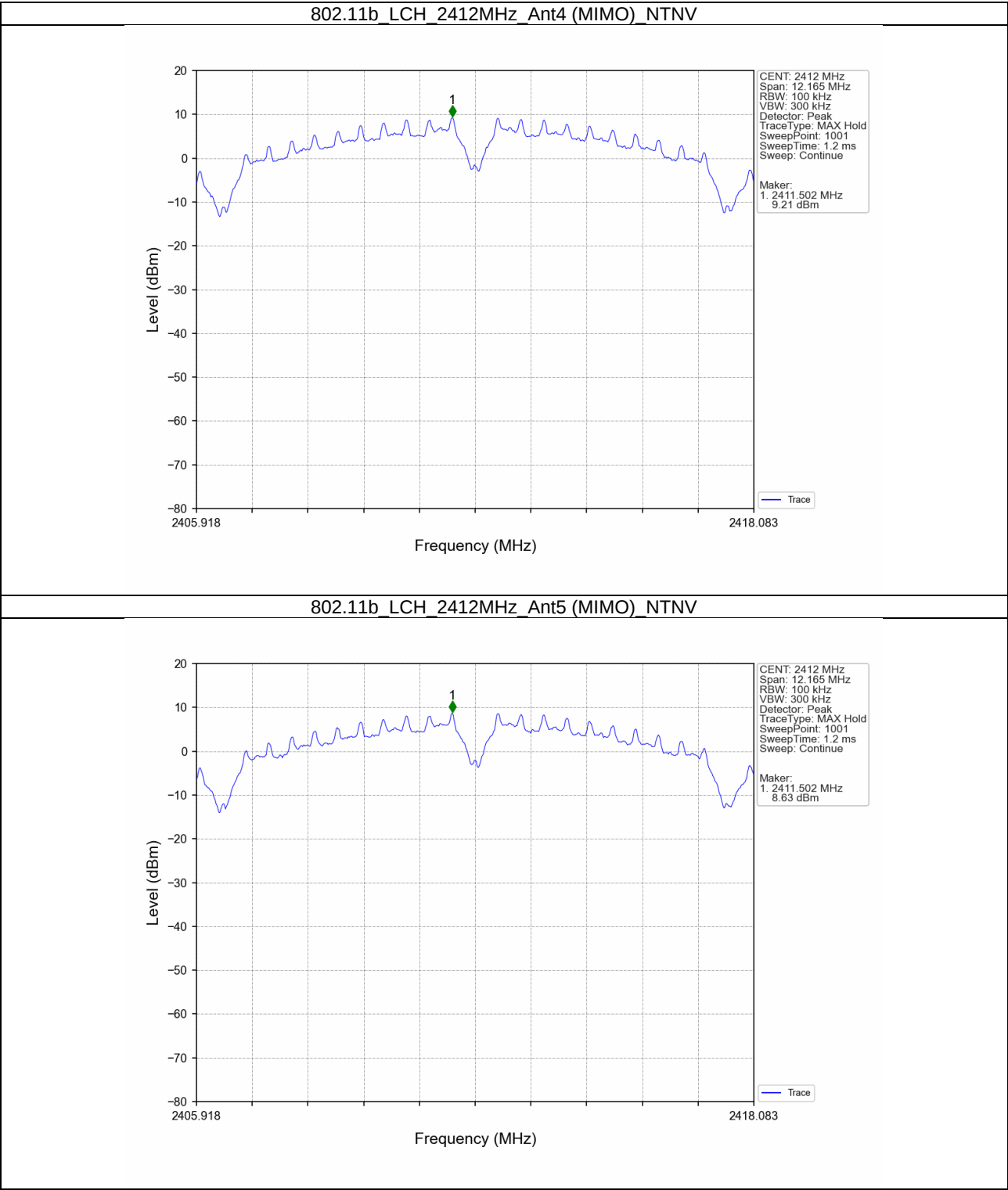


SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204
Rev.: 01
Page: 101 of 422

5.2 Test Graph

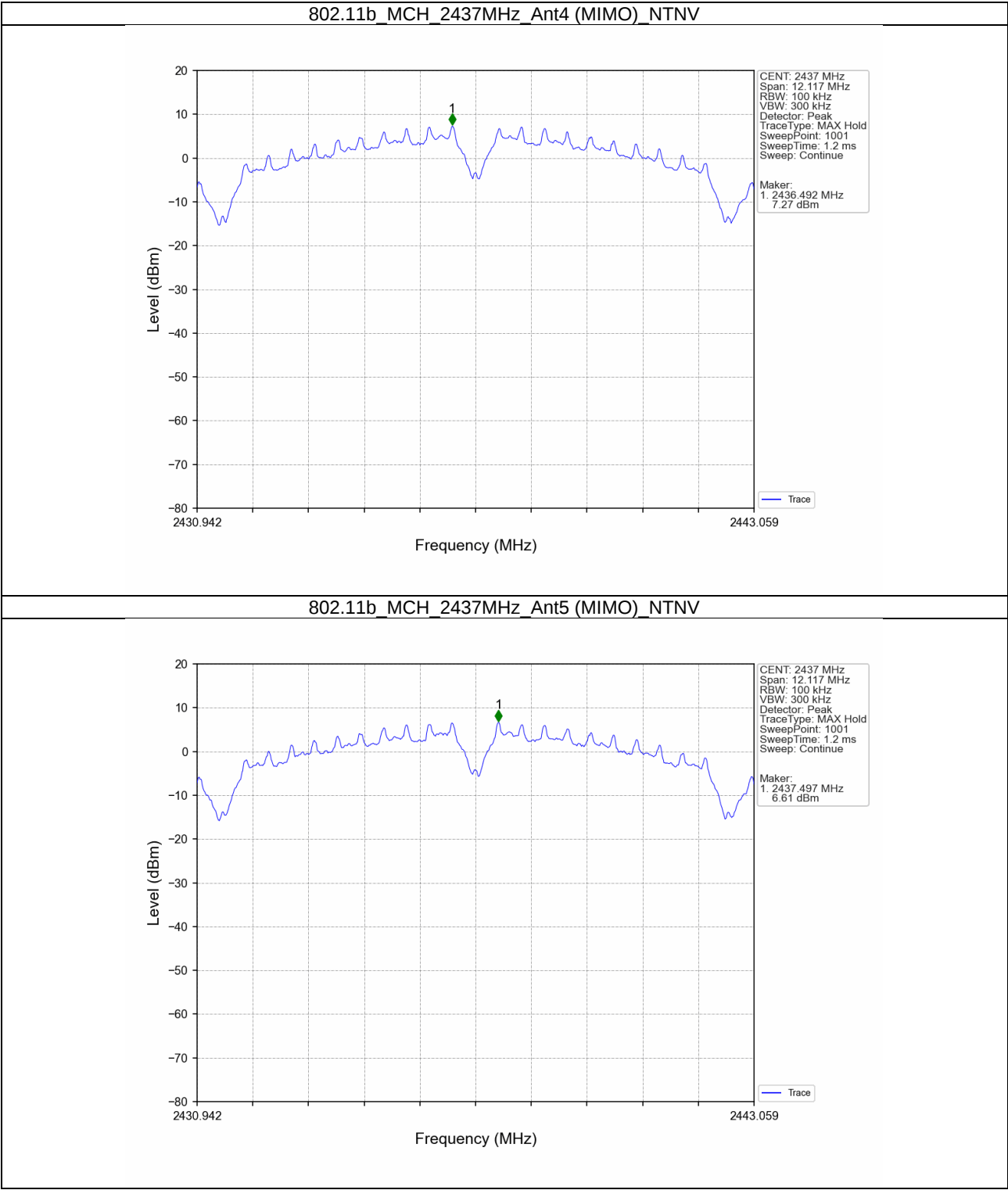
5.2.1 Ref





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

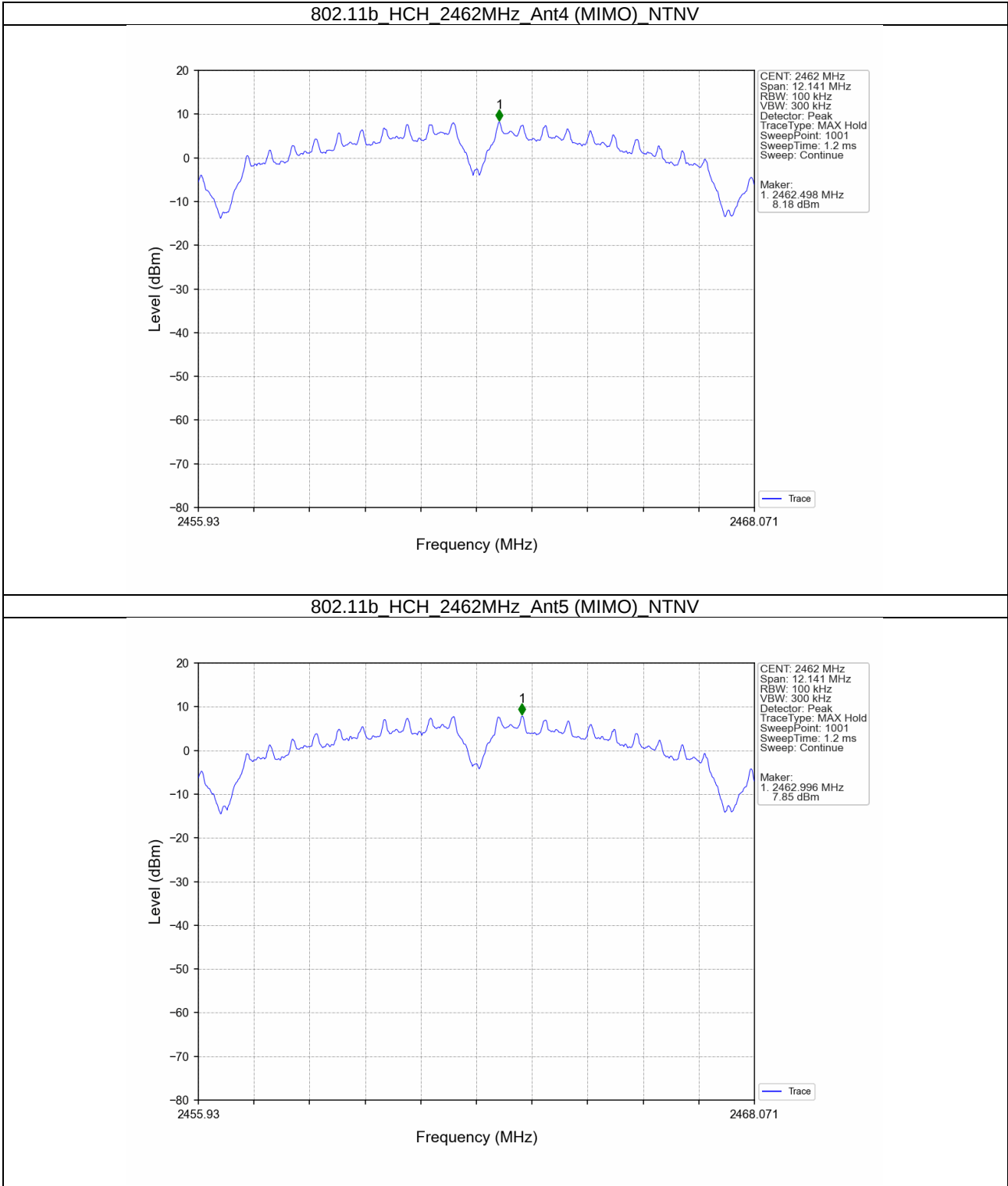
Report No.: SUCR250400034204
Rev.: 01
Page: 102 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204
Rev.: 01
Page: 103 of 422





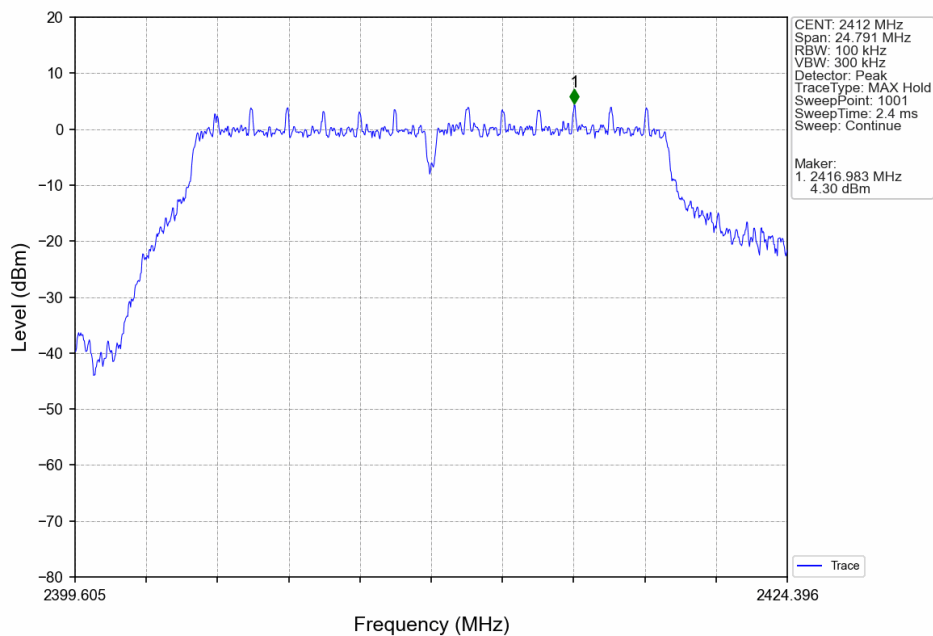
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204

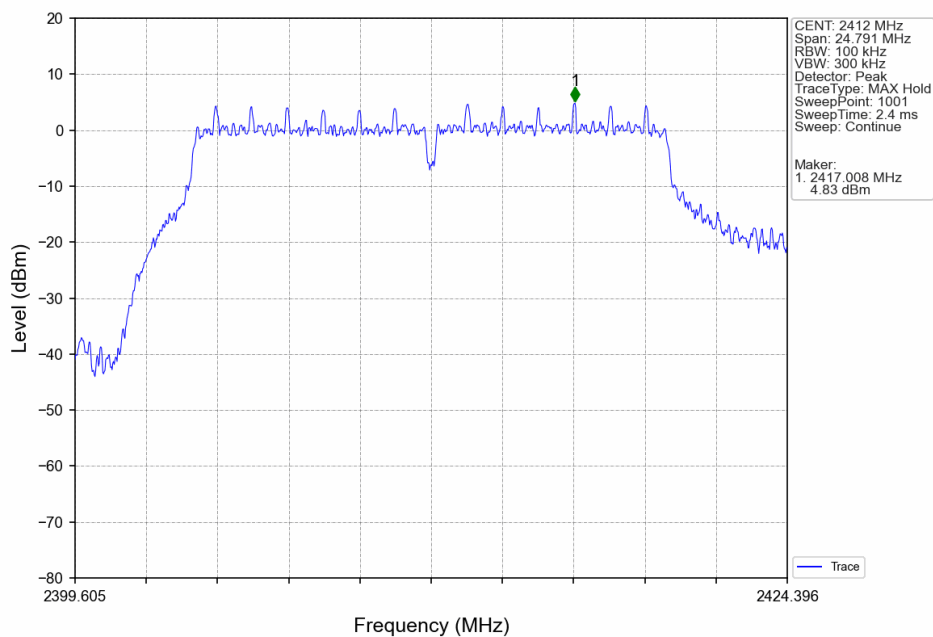
Rev.: 01

Page: 104 of 422

802.11g_LCH_2412MHz_Ant4 (MIMO)_NTNV



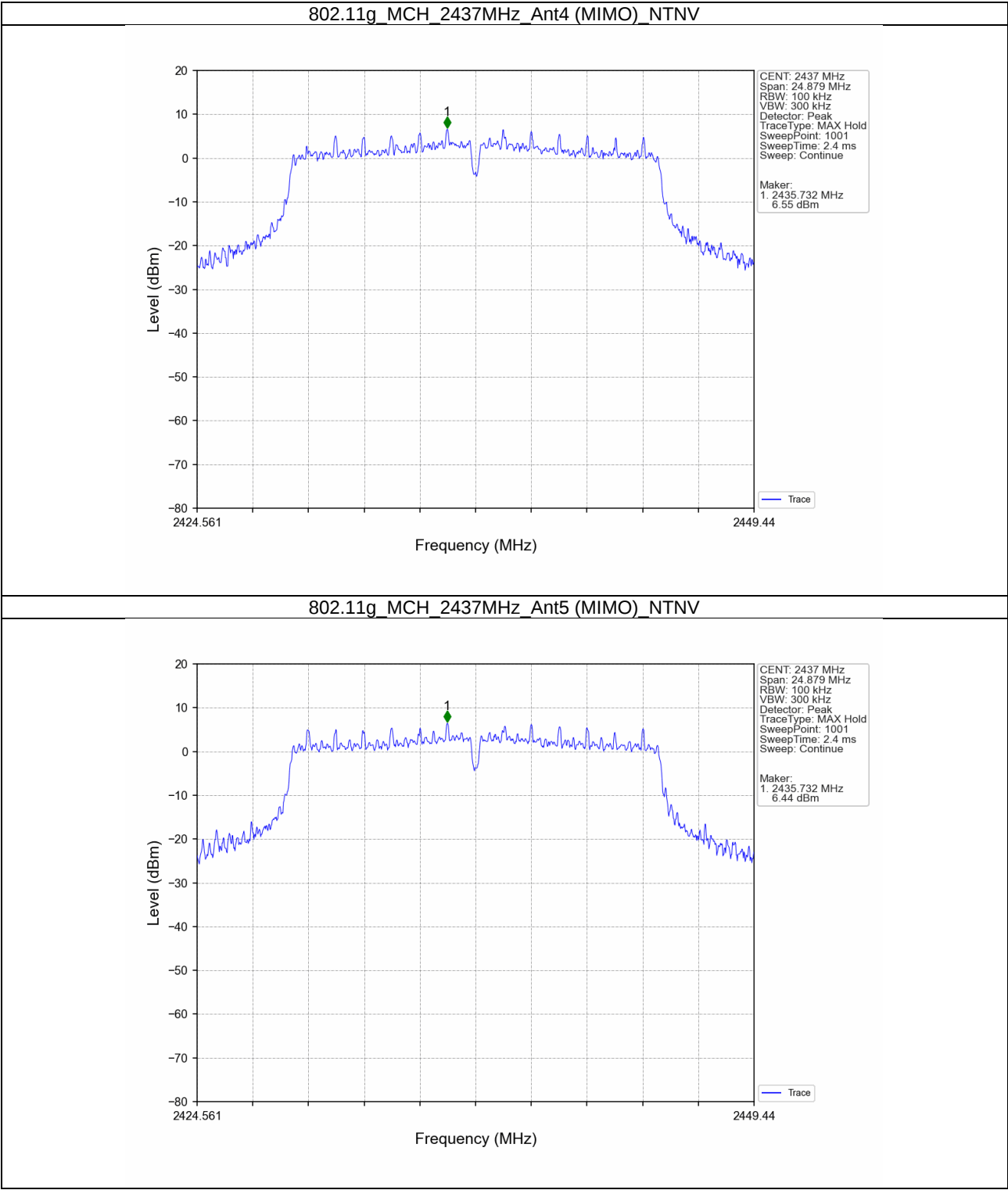
802.11g_LCH_2412MHz_Ant5 (MIMO)_NTNV





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

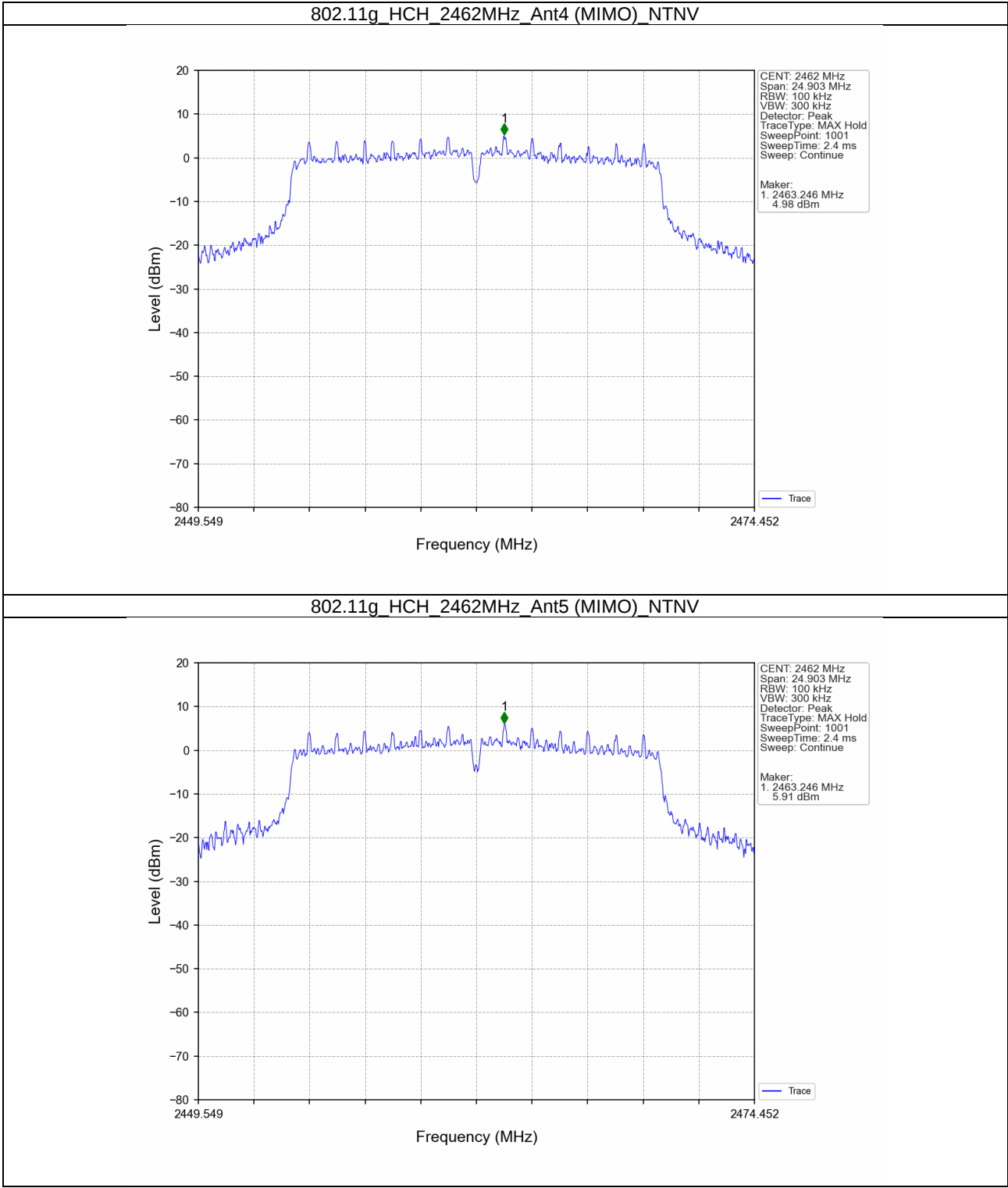
Report No.: SUCR250400034204
Rev.: 01
Page: 105 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

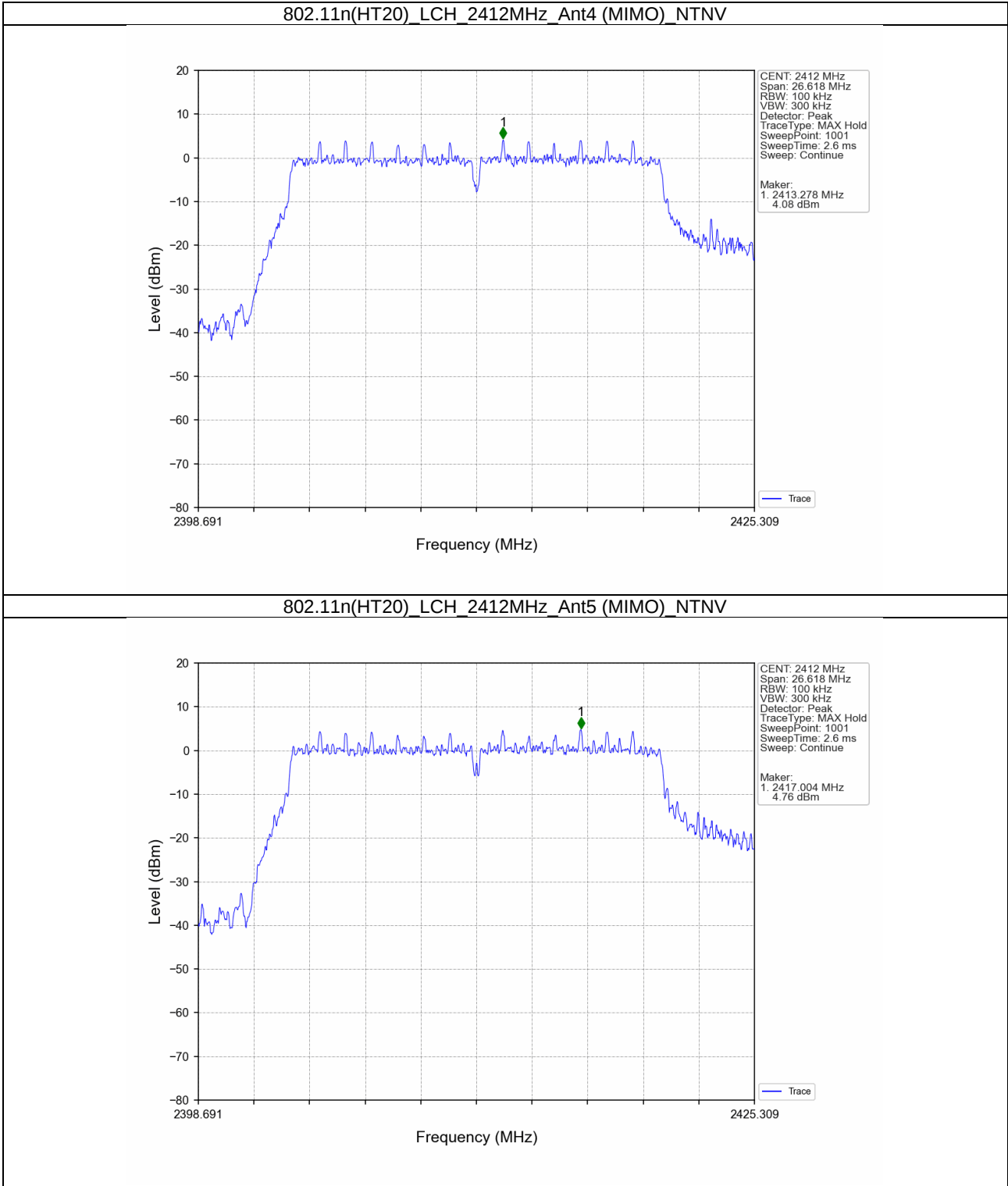
Report No.: SUCR250400034204
Rev.: 01
Page: 106 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

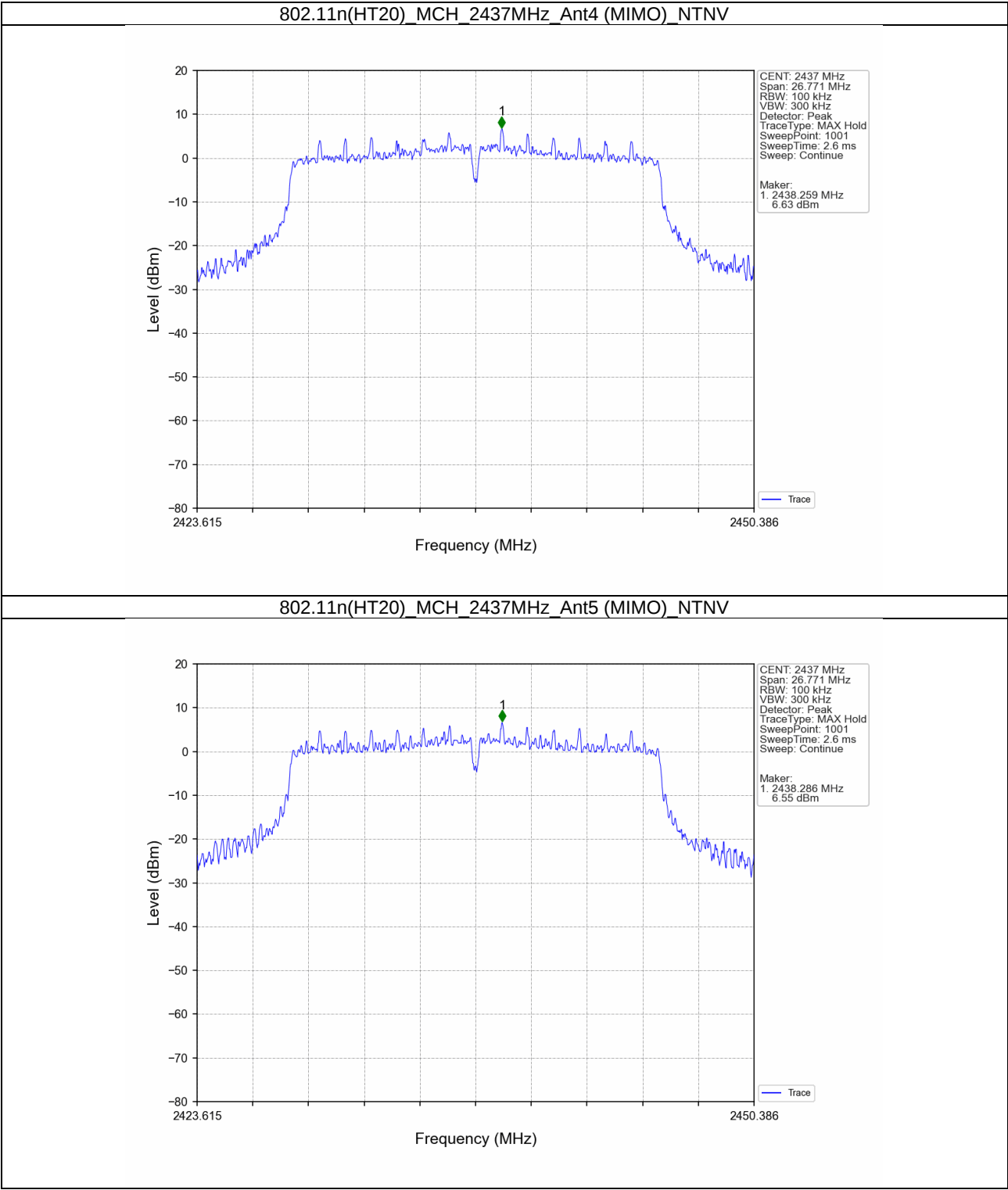
Report No.: SUCR250400034204
Rev.: 01
Page: 107 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

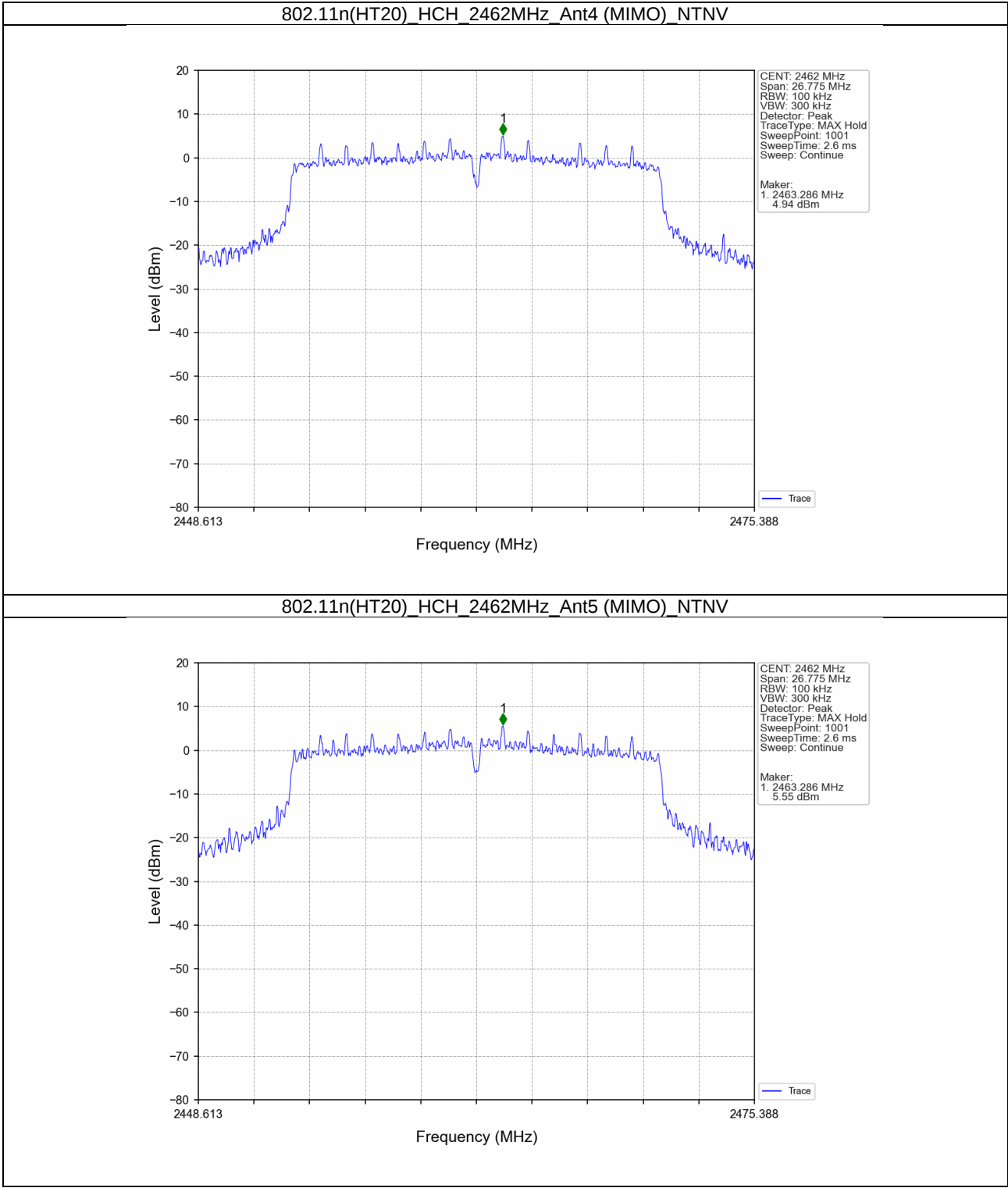
Report No.: SUCR250400034204
Rev.: 01
Page: 108 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

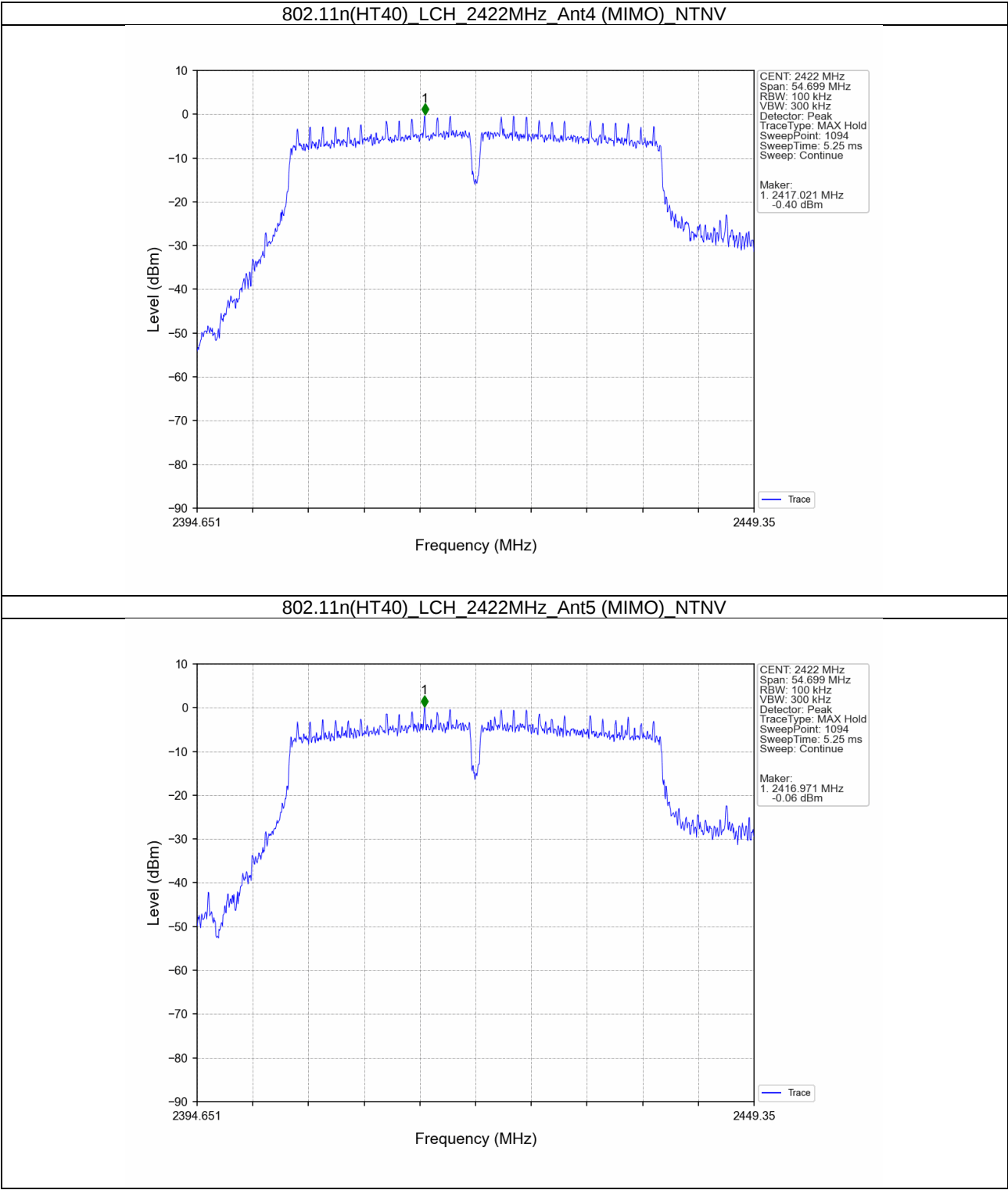
Report No.: SUCR250400034204
Rev.: 01
Page: 109 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

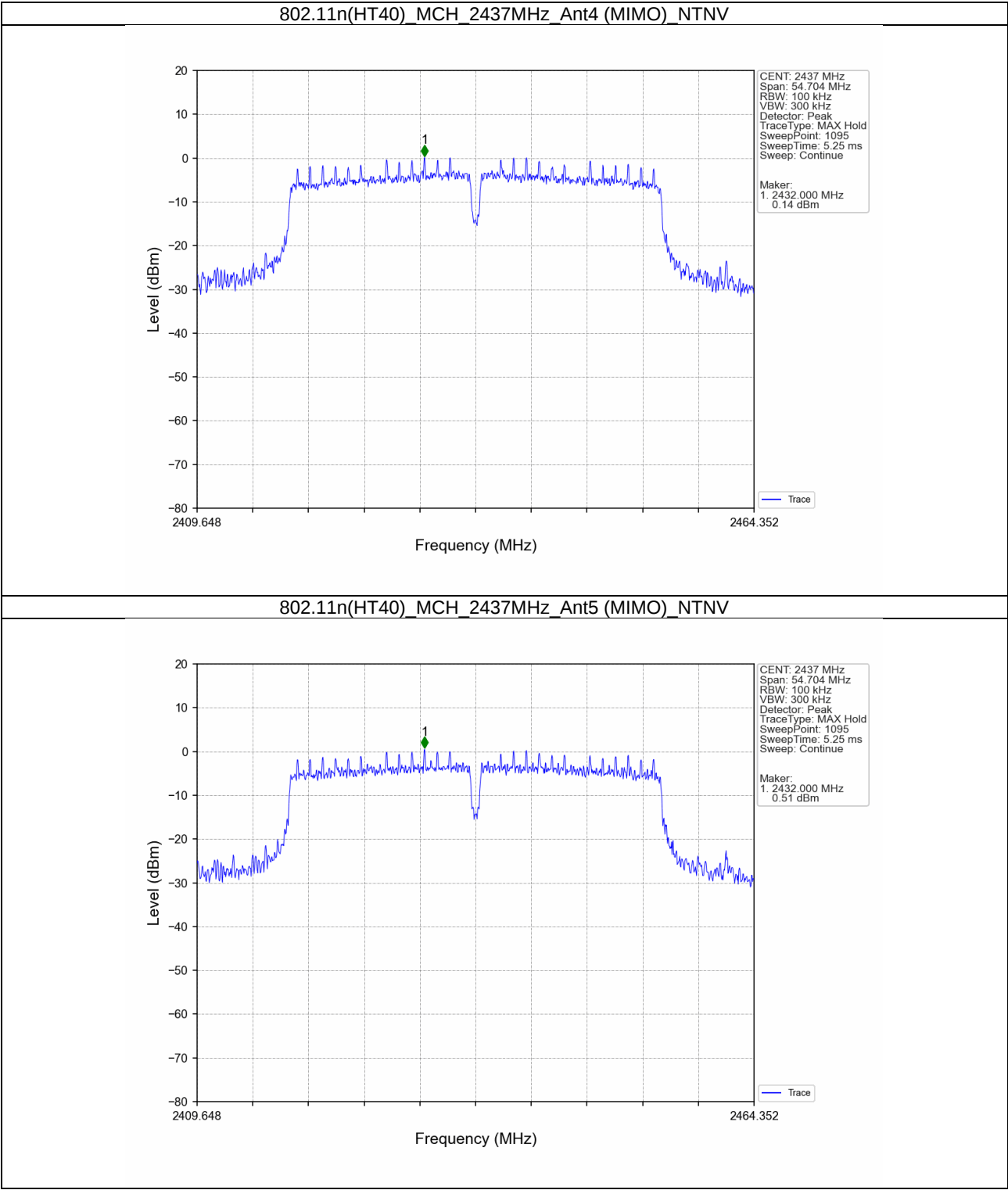
Report No.: SUCR250400034204
Rev.: 01
Page: 110 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

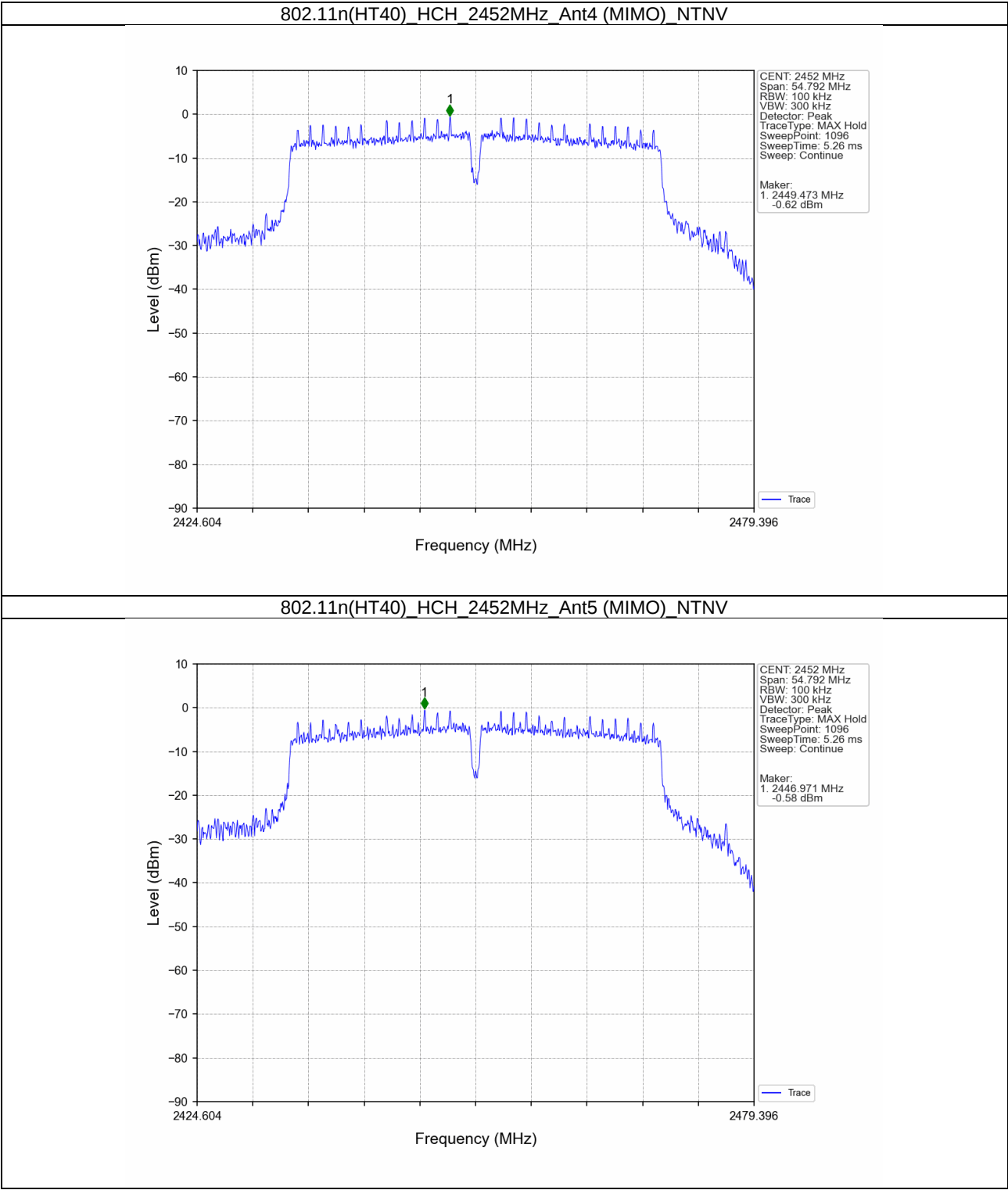
Report No.: SUCR250400034204
Rev.: 01
Page: 111 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

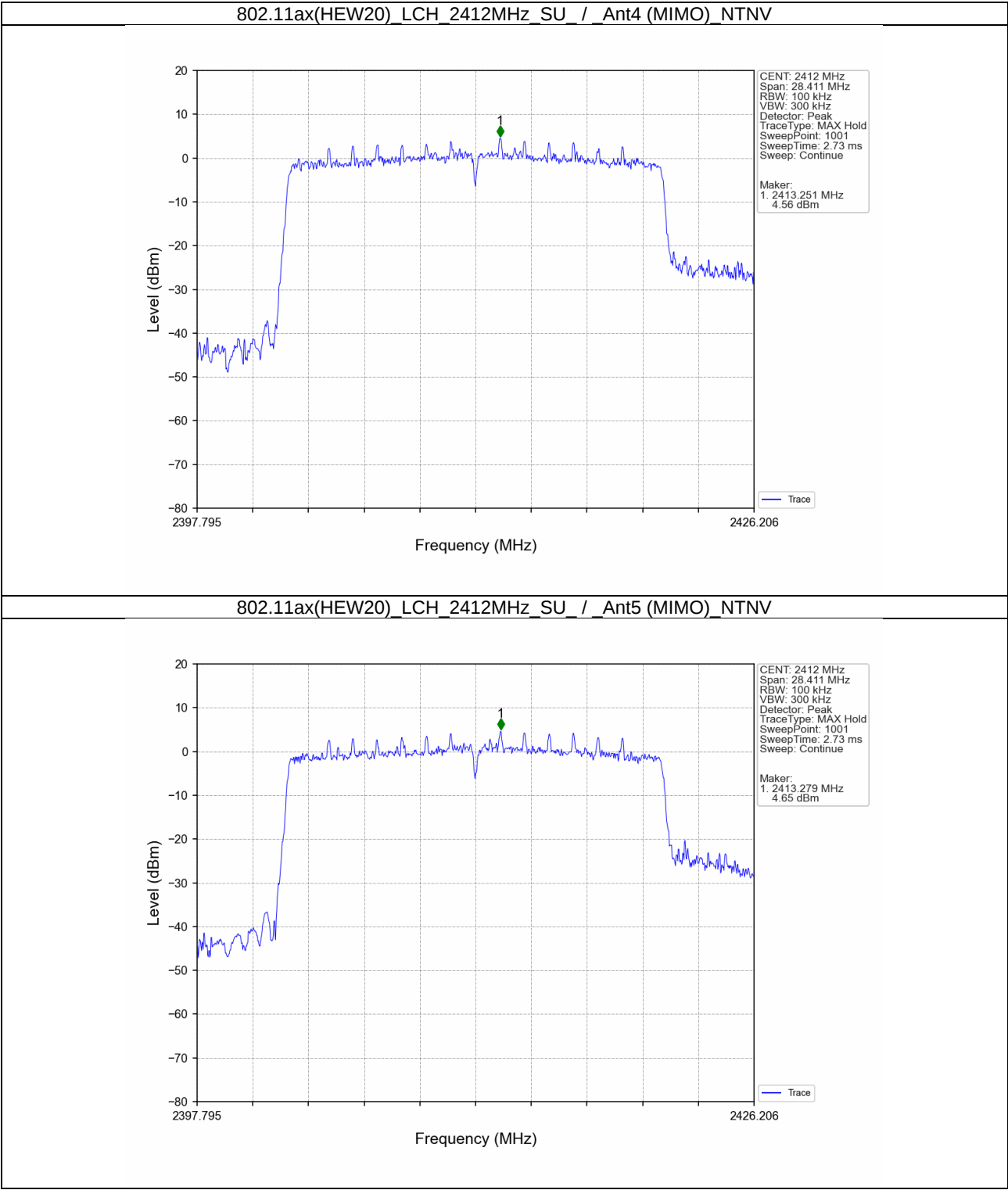
Report No.: SUCR250400034204
Rev.: 01
Page: 112 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

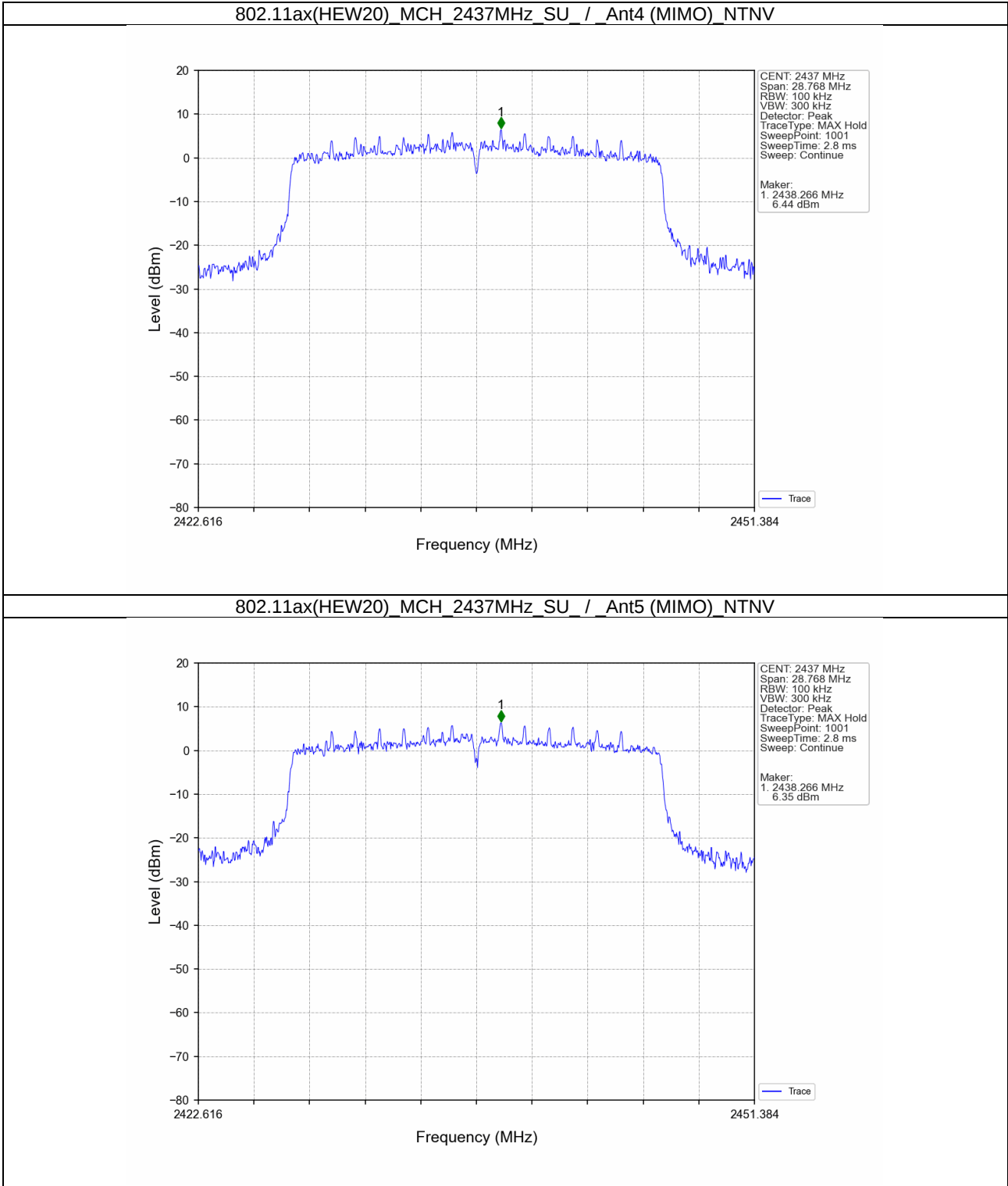
Report No.: SUCR250400034204
Rev.: 01
Page: 113 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

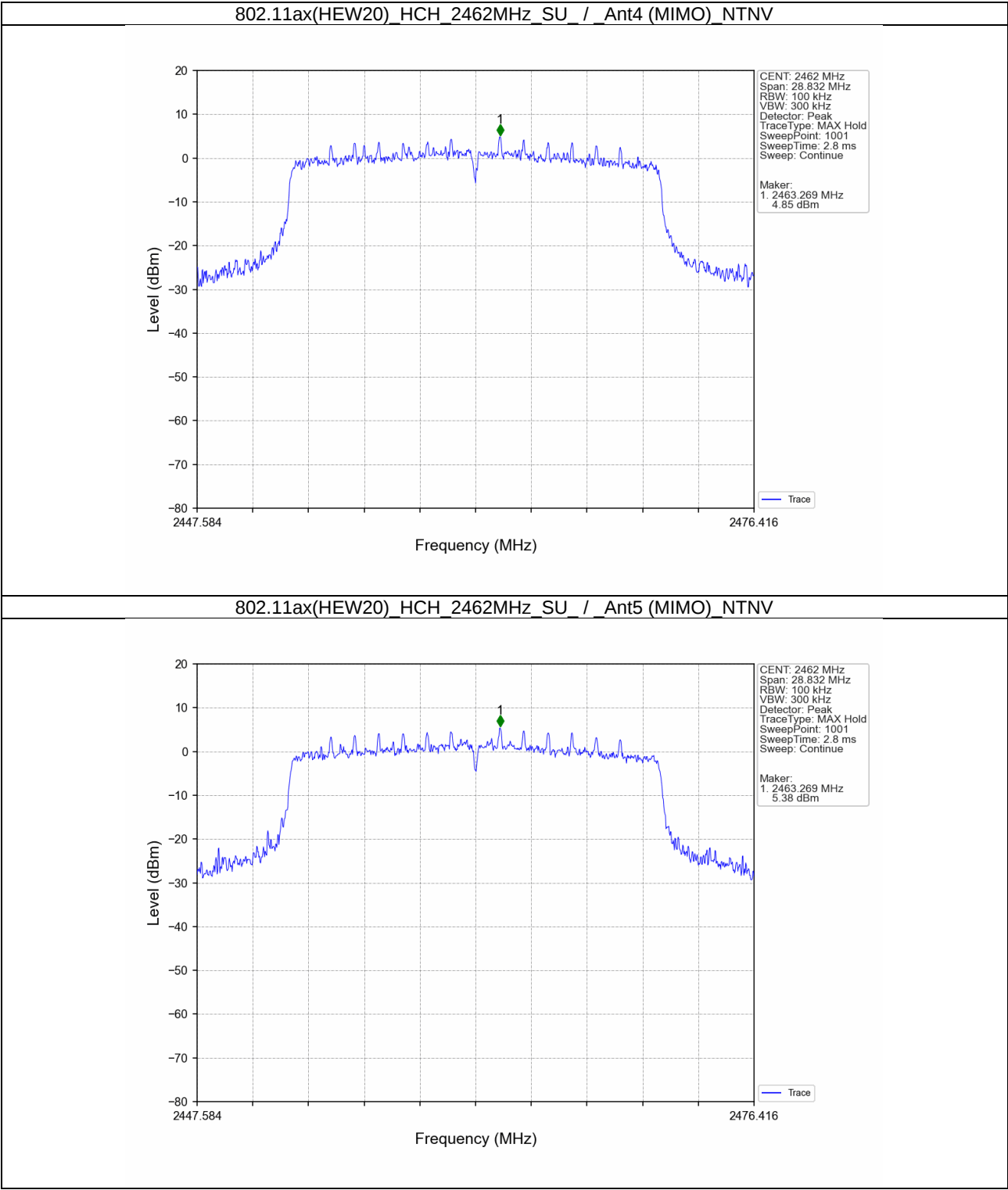
Report No.: SUCR250400034204
Rev.: 01
Page: 114 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

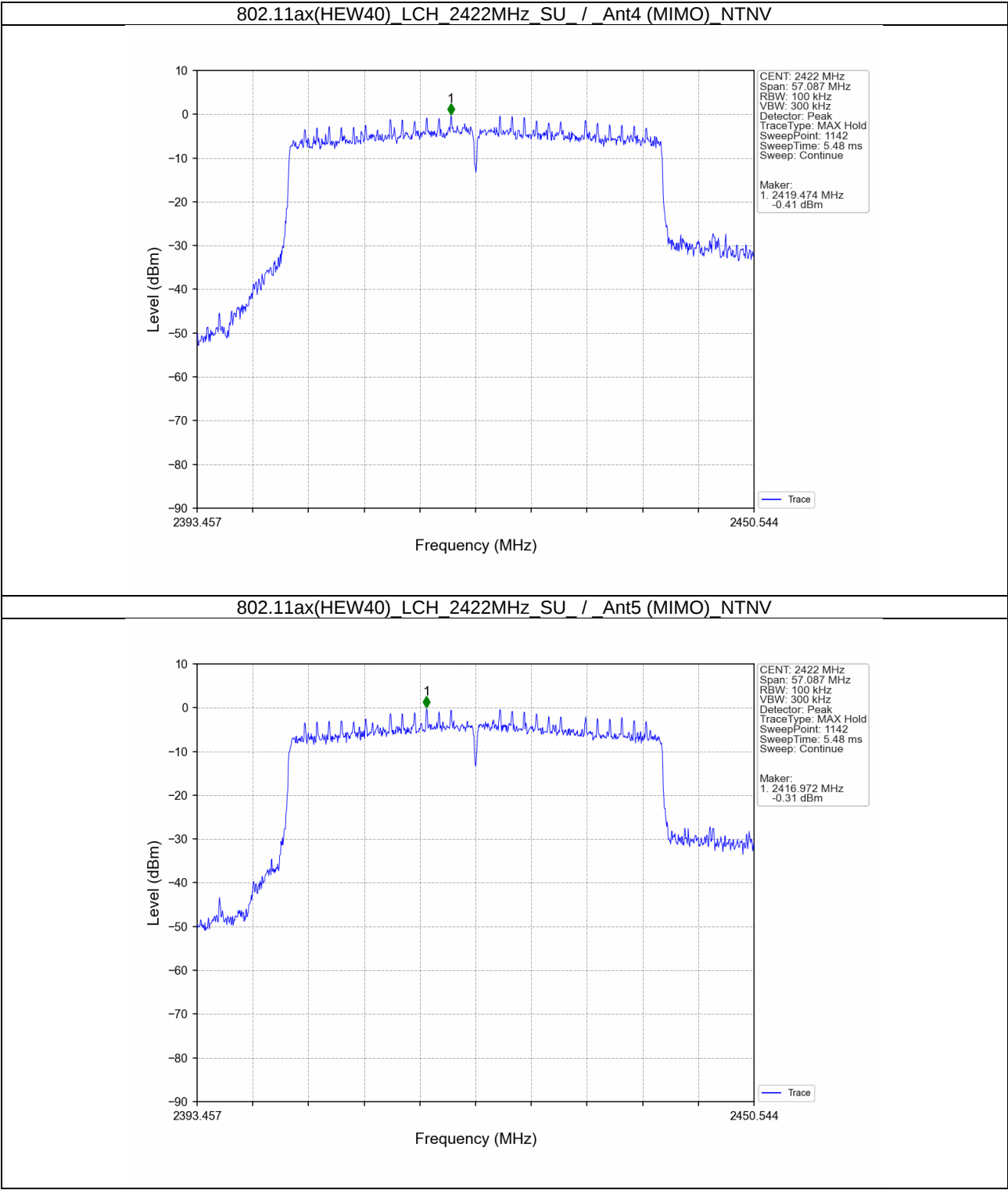
Report No.: SUCR250400034204
Rev.: 01
Page: 115 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

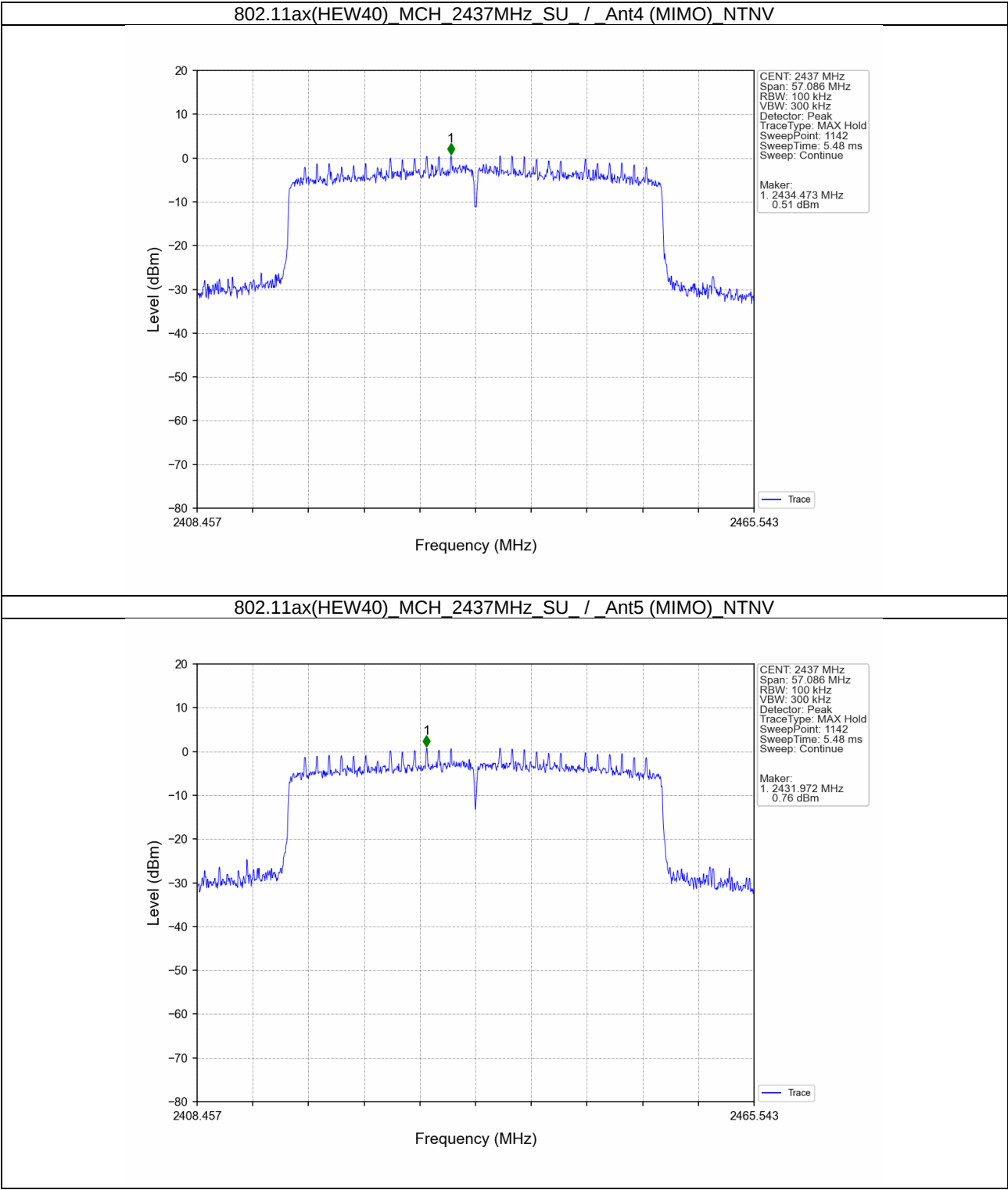
Report No.: SUCR250400034204
Rev.: 01
Page: 116 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

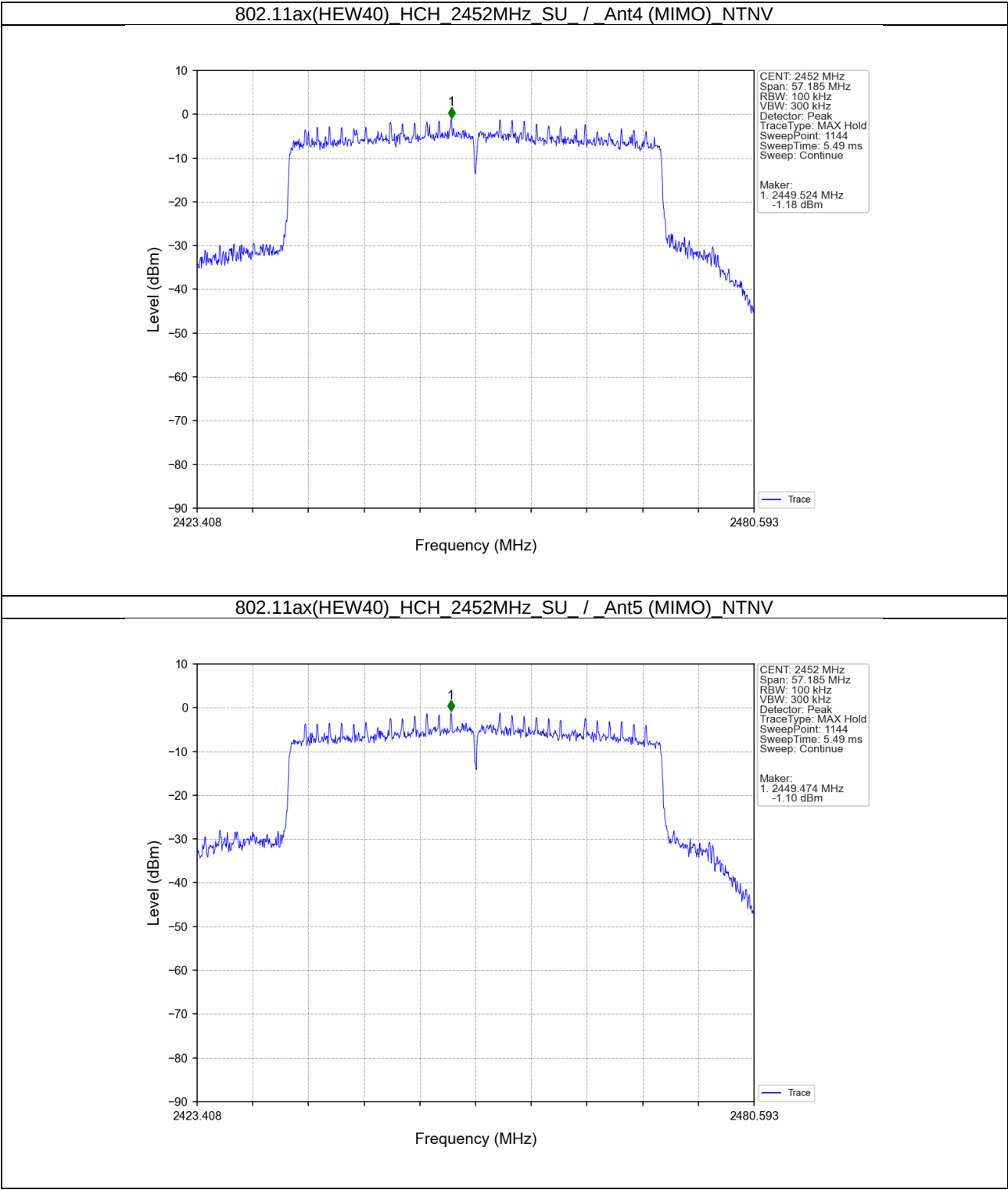
Report No.: SUCR250400034204
Rev.: 01
Page: 117 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204
Rev.: 01
Page: 118 of 422

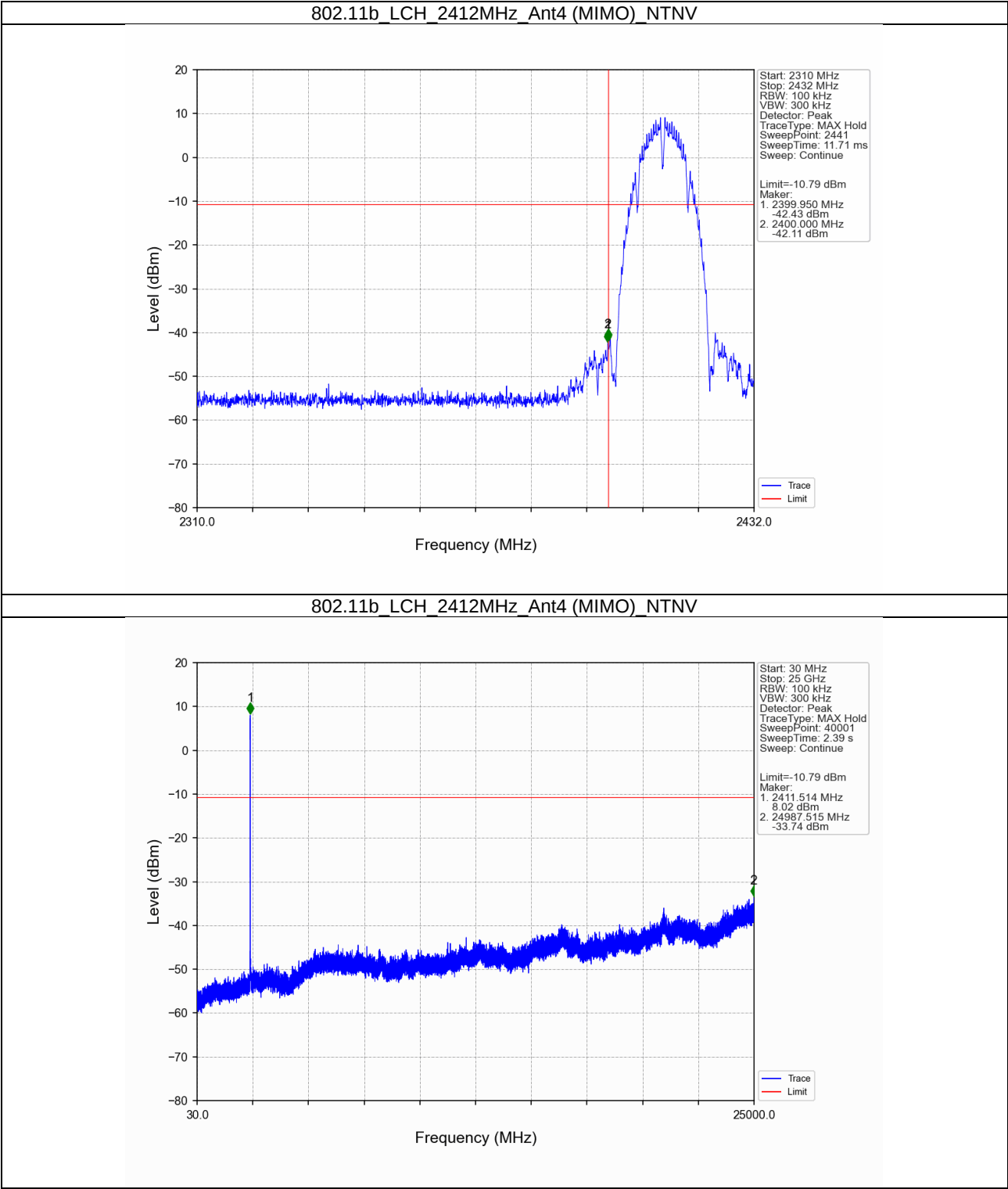




SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204
Rev.: 01
Page: 119 of 422

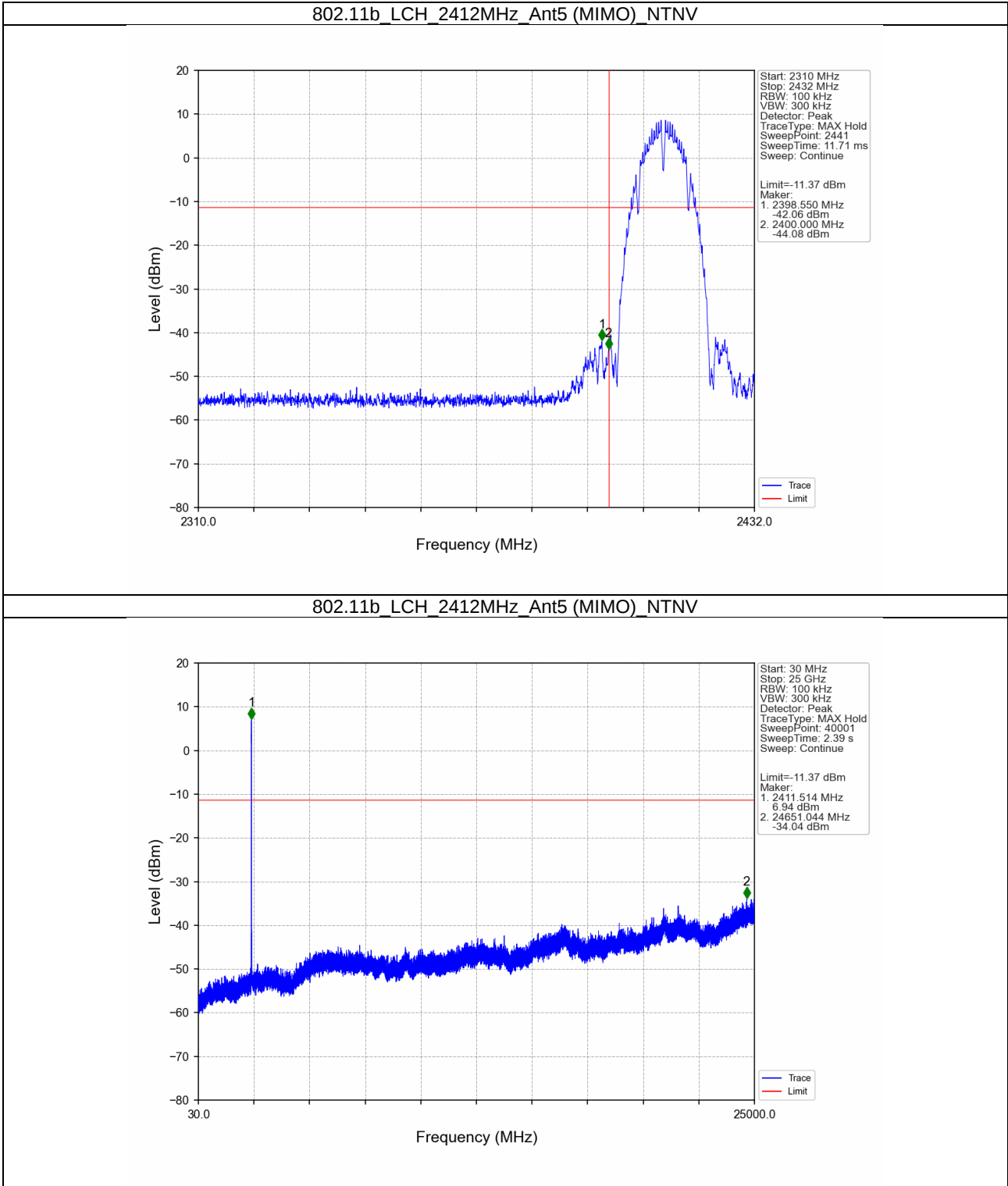
5.2.2 CSE





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

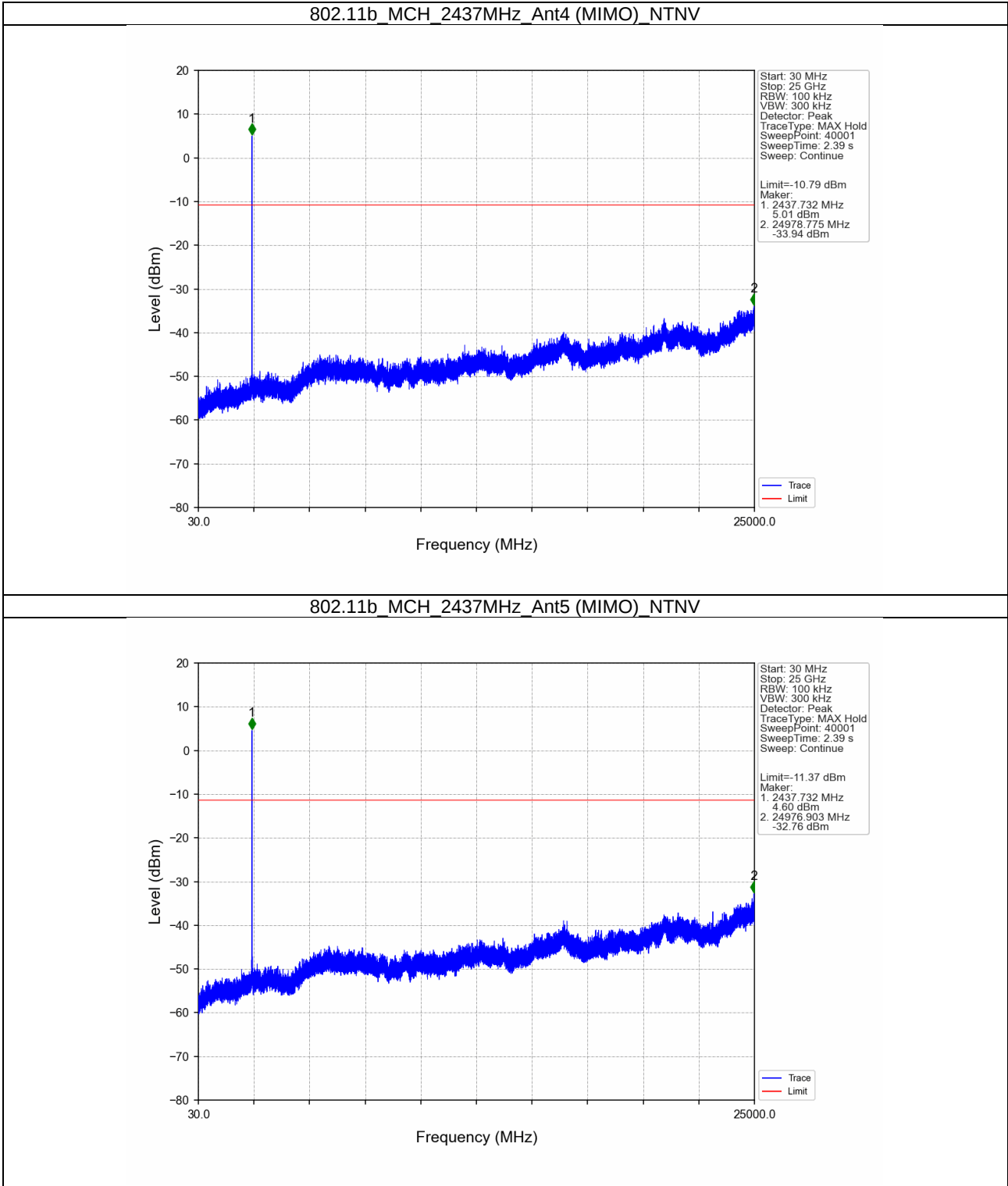
Report No.: SUCR250400034204
Rev.: 01
Page: 120 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

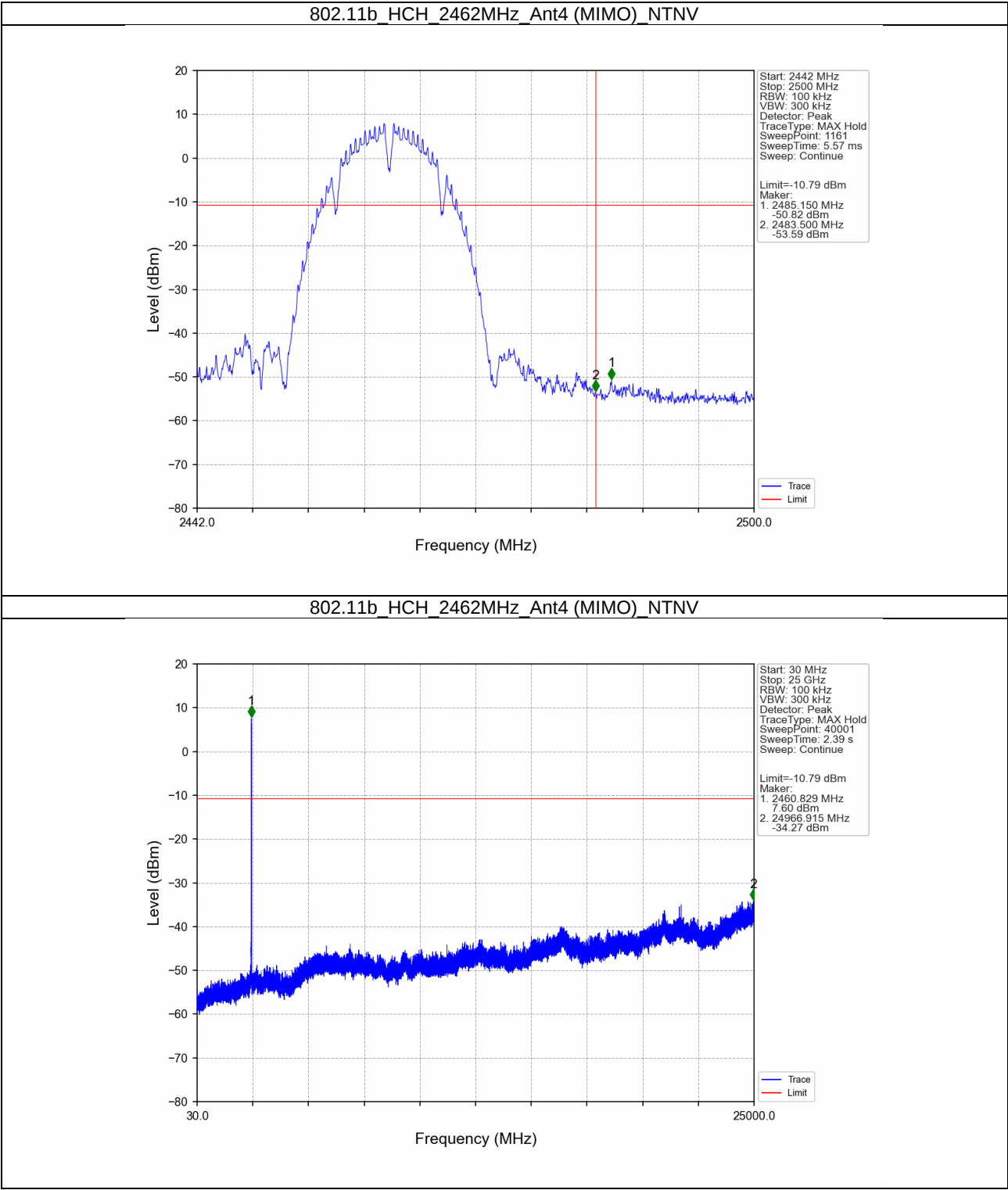
Report No.: SUCR250400034204
Rev.: 01
Page: 121 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

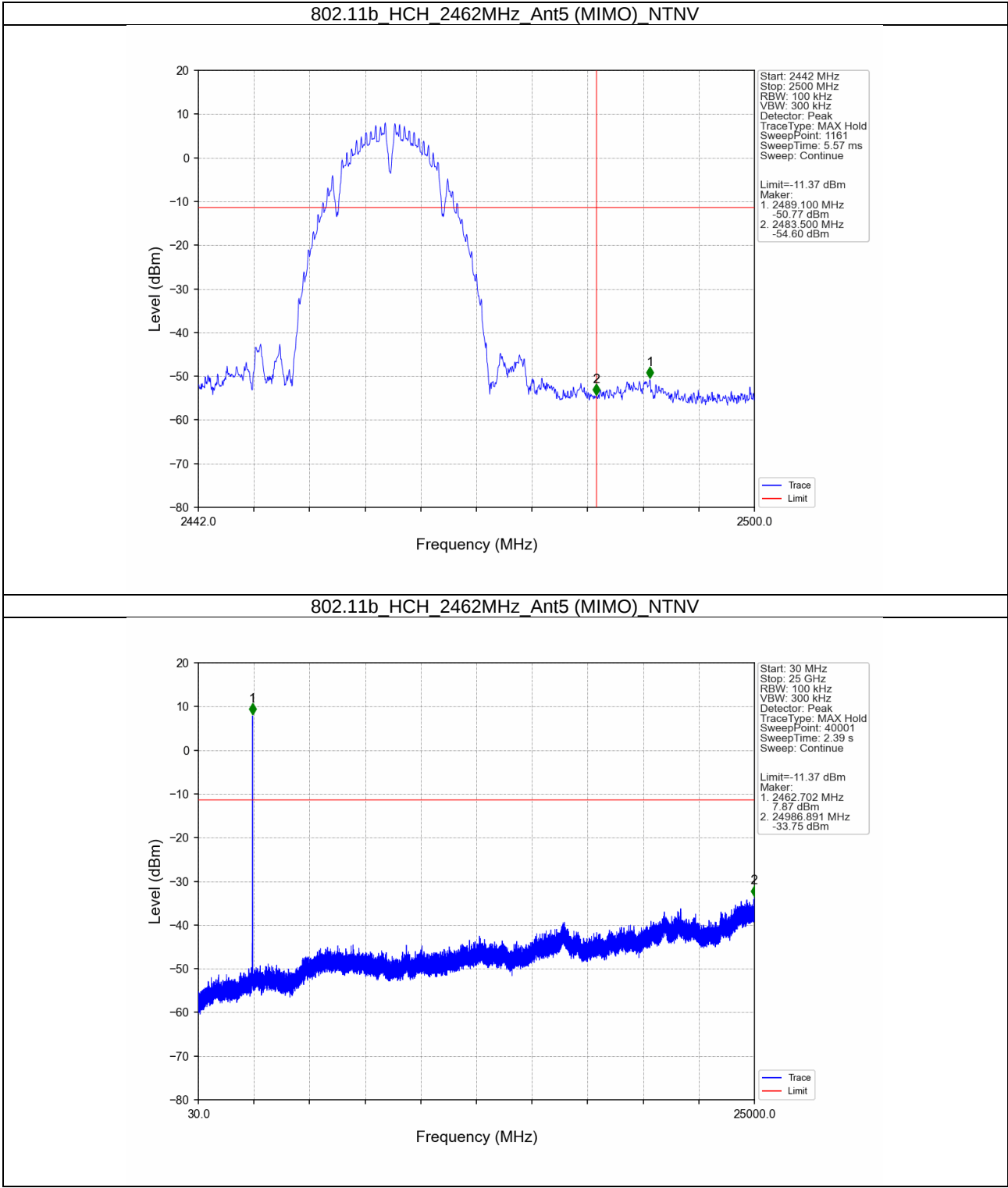
Report No.: SUCR250400034204
Rev.: 01
Page: 122 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

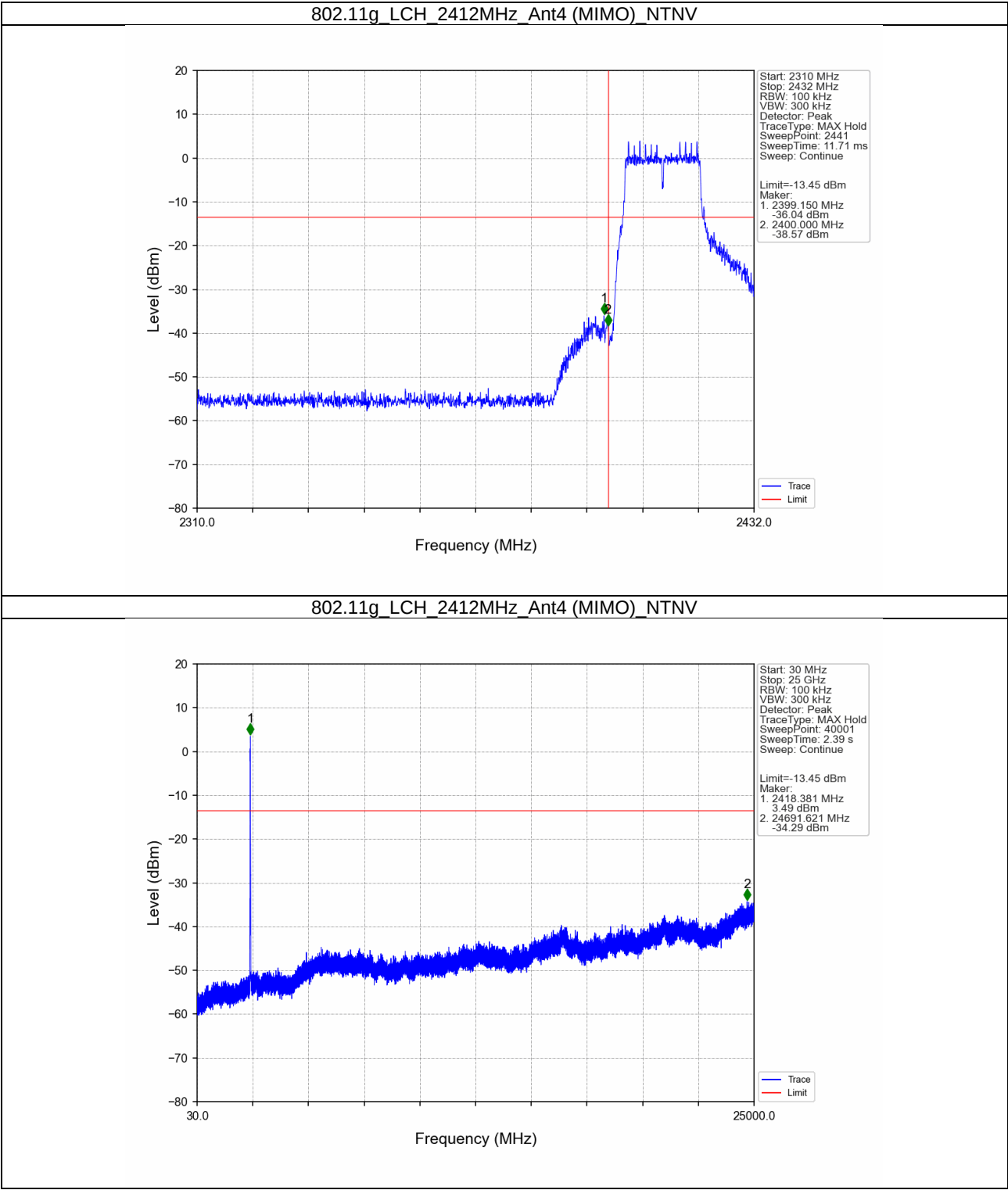
Report No.: SUCR250400034204
Rev.: 01
Page: 123 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

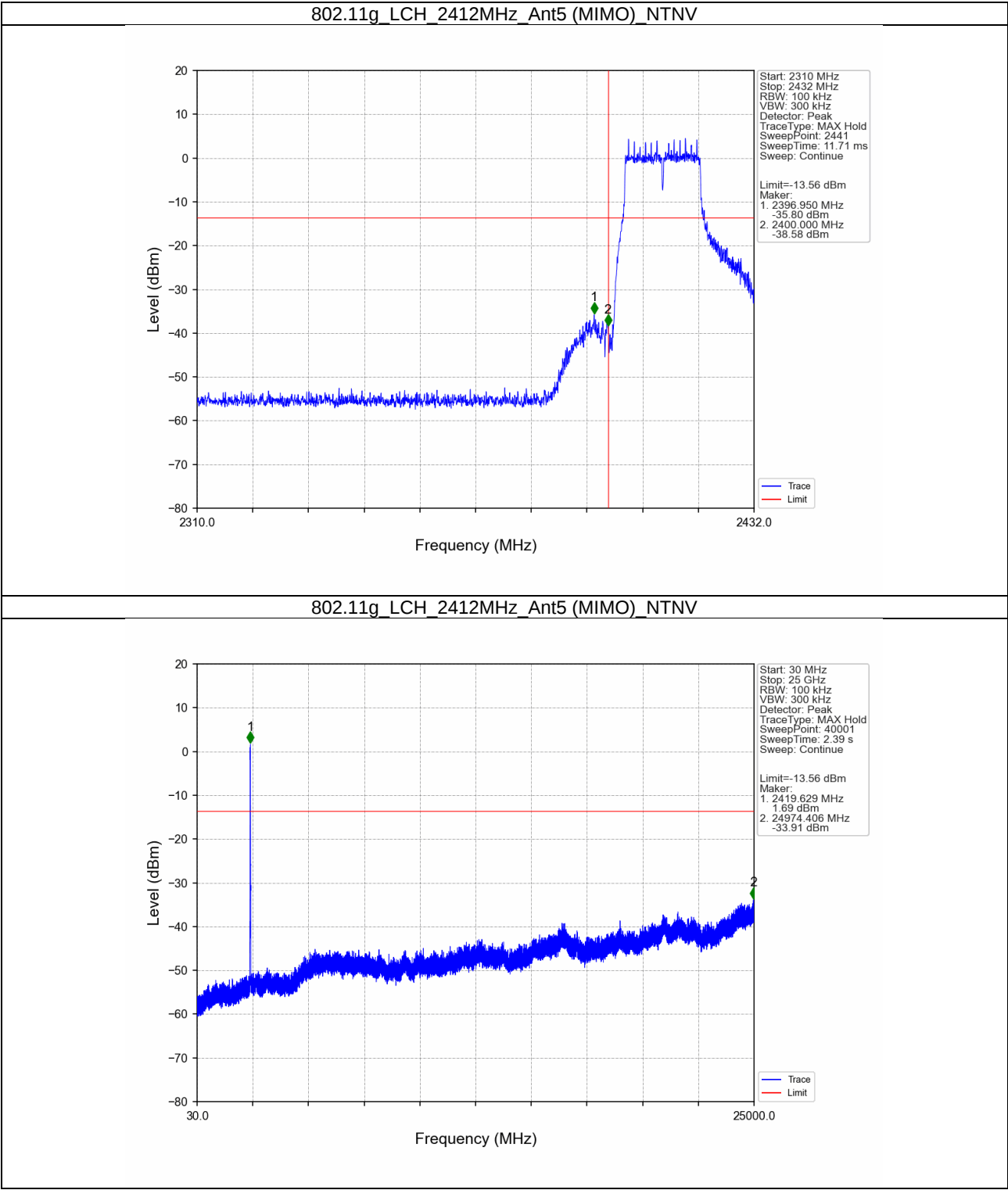
Report No.: SUCR250400034204
Rev.: 01
Page: 124 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

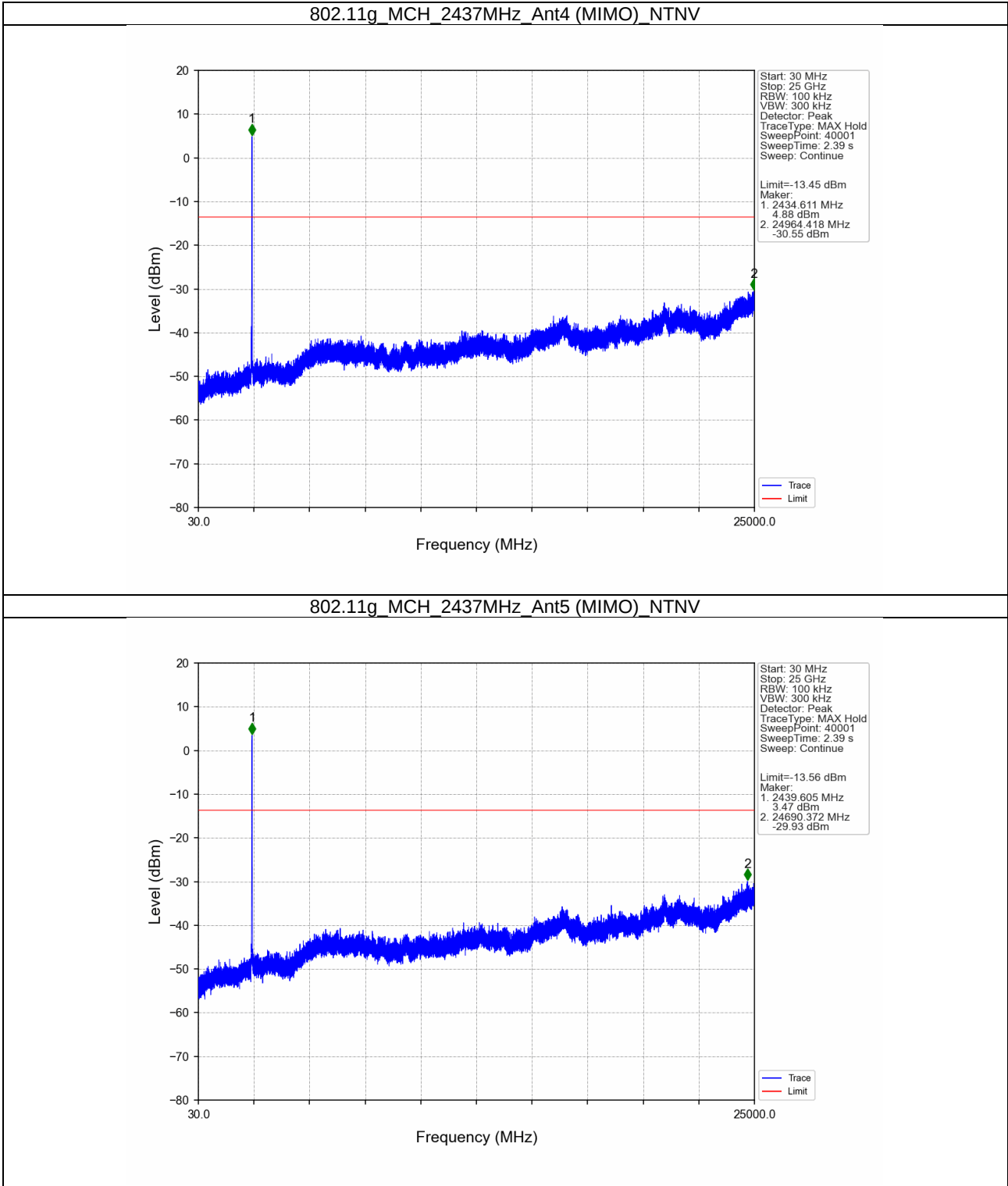
Report No.: SUCR250400034204
Rev.: 01
Page: 125 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

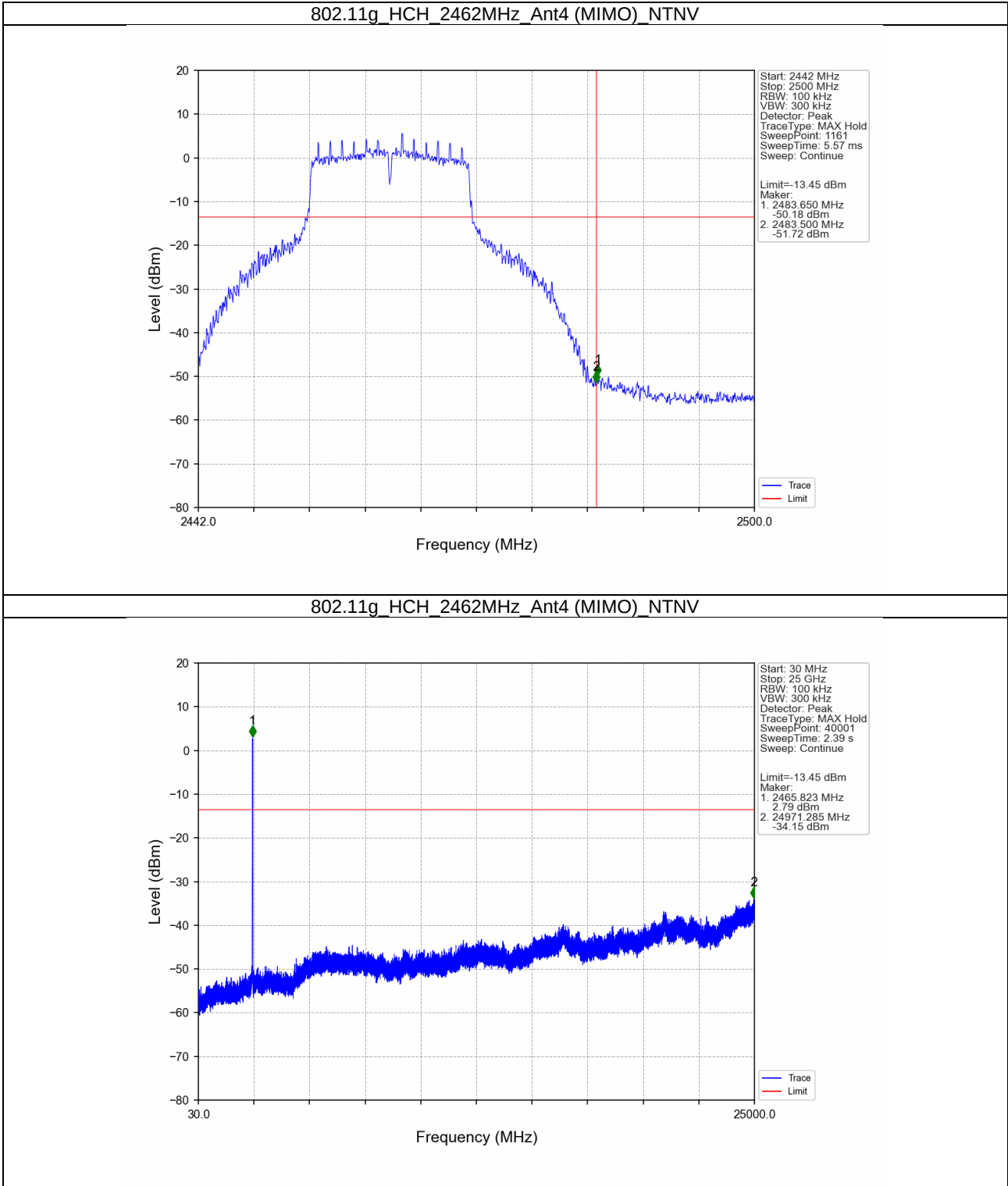
Report No.: SUCR250400034204
Rev.: 01
Page: 126 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

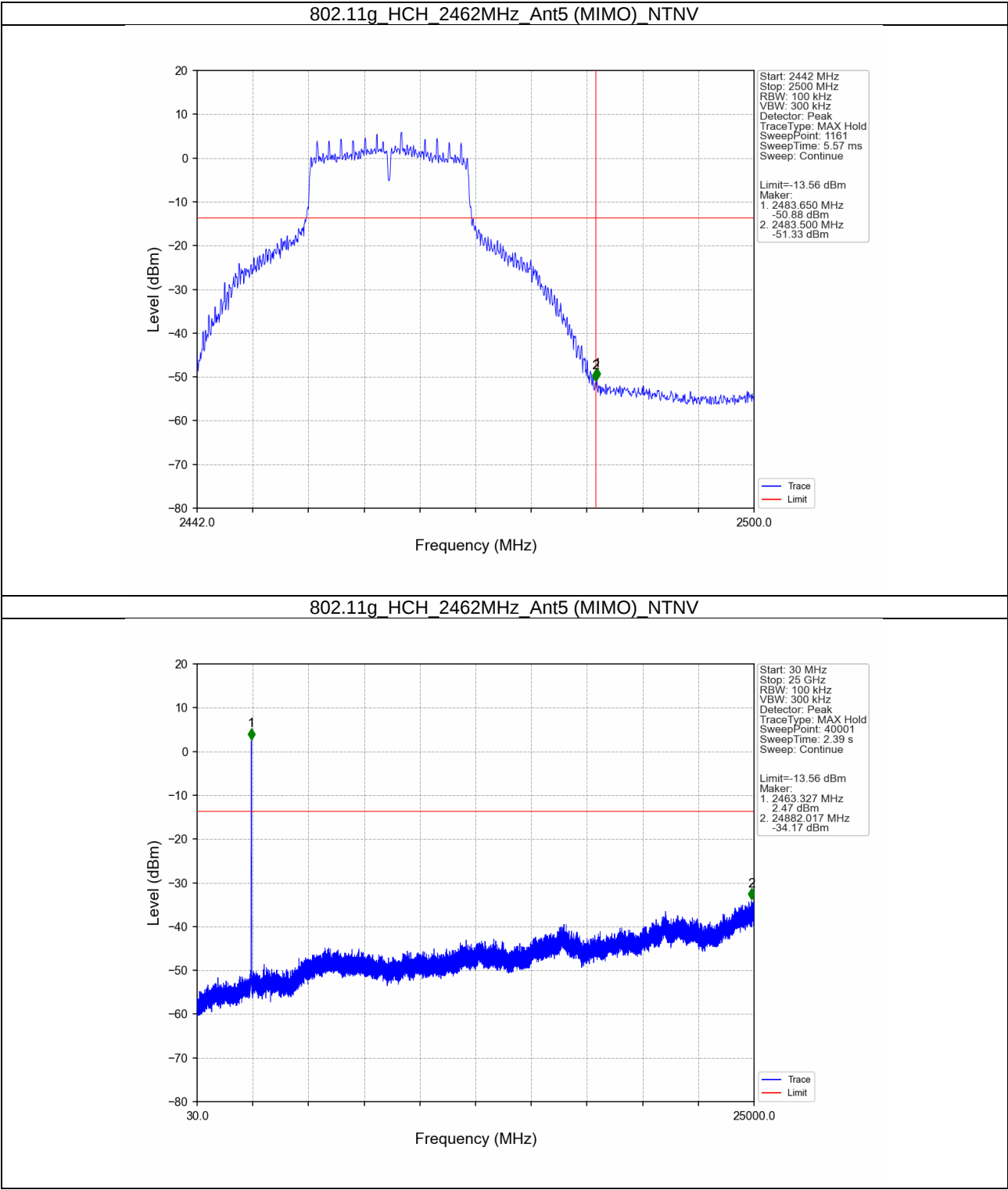
Report No.: SUCR250400034204
Rev.: 01
Page: 127 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

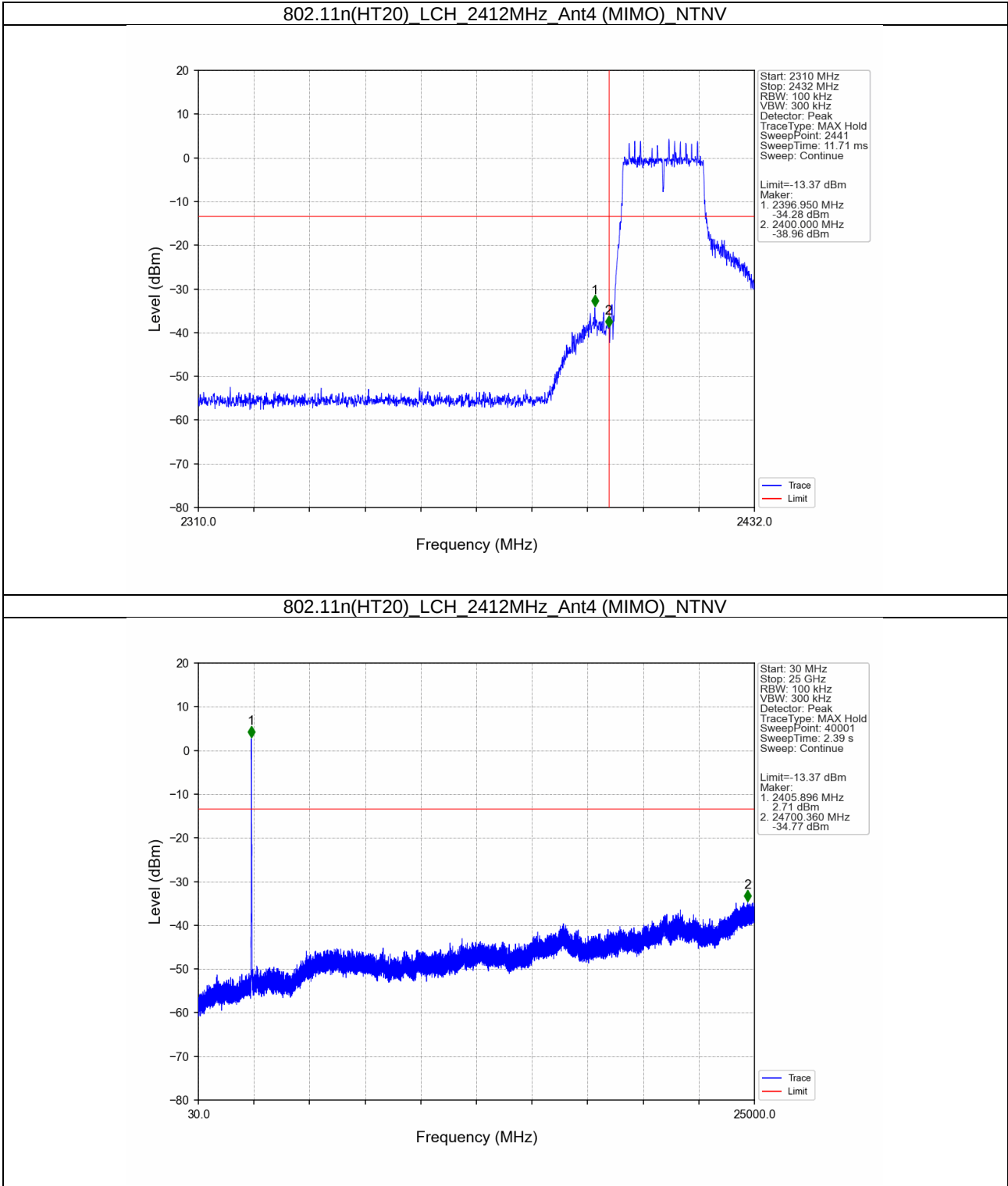
Report No.: SUCR250400034204
Rev.: 01
Page: 128 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204
Rev.: 01
Page: 129 of 422





SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250400034204
Rev.: 01
Page: 130 of 422

