Appendix for LTE B5

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Conducted(dBm)	ERP(dBm)	Limit [dBm]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	23.24	21.64	38.5	PASS
				RB1#3	23.41	21.81	38.5	PASS
				RB1#5	23.3	21.7	38.5	PASS
				RB3#0	23.28	21.68	38.5	PASS
				RB3#2	23.33	21.73	38.5	PASS
				RB3#3	23.35	21.75	38.5	PASS
				RB6#0	22.34	20.74	38.5	PASS
			MCH	RB1#0	23.6	22	38.5	PASS
				RB1#3	23.62	22.02	38.5	PASS
				RB1#5	23.5	21.9	38.5	PASS
				RB3#0	23.53	21.93	38.5	PASS
				RB3#2	23.52	21.92	38.5	PASS
				RB3#3	23.46	21.86	38.5	PASS
				RB6#0	22.5	20.9	38.5	PASS
			HCH	RB1#0	23.47	21.87	38.5	PASS
				RB1#3	23.46	21.86	38.5	PASS
				RB1#5	23.25	21.65	38.5	PASS
				RB3#0	23.46	21.86	38.5	PASS
				RB3#2	23.38	21.78	38.5	PASS
				RB3#3	23.34	21.74	38.5	PASS
				RB6#0	22.42	20.82	38.5	PASS
		3	LCH	RB1#0	22.99	21.39	38.5	PASS
				RB1#7	23.45	21.85	38.5	PASS
				RB1#14	23.07	21.47	38.5	PASS
				RB8#0	22.22	20.62	38.5	PASS
				RB8#4	22.26	20.66	38.5	PASS
				RB8#7	22.21	20.61	38.5	PASS
				RB15#0	22.17	20.57	38.5	PASS
			MCH	RB1#0	23.67	22.07	38.5	PASS
				RB1#7	23.91	22.31	38.5	PASS
				RB1#14	23.54	21.94	38.5	PASS
				RB8#0	22.79	21.19	38.5	PASS
				RB8#4	22.8	21.2	38.5	PASS
				RB8#7	22.71	21.11	38.5	PASS
				RB15#0	22.73	21.13	38.5	PASS
			HCH	RB1#0	23.35	21.75	38.5	PASS
				RB1#7	23.65	22.05	38.5	PASS
				RB1#14	23.1	21.5	38.5	PASS

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

				RB8#0	22.37	20.77	38.5	PASS
				RB8#4	22.44	20.84	38.5	PASS
				RB8#7	22.36	20.76	38.5	PASS
				RB15#0	22.36	20.76	38.5	PASS
		5	LCH	RB1#0	22.89	21.29	38.5	PASS
				RB1#13	23.34	21.74	38.5	PASS
				RB1#24	22.9	21.3	38.5	PASS
				RB12#0	22.14	20.54	38.5	PASS
				RB12#6	22.27	20.67	38.5	PASS
				RB12#13	22.11	20.51	38.5	PASS
				RB25#0	22.11	20.51	38.5	PASS
			MCH	RB1#0	23.47	21.87	38.5	PASS
				RB1#13	23.7	22.1	38.5	PASS
				RB1#24	23.24	21.64	38.5	PASS
				RB12#0	22.62	21.02	38.5	PASS
				RB12#6	22.69	21.09	38.5	PASS
				RB12#13	22.49	20.89	38.5	PASS
				RB25#0	22.54	20.94	38.5	PASS
			HCH	RB1#0	23.1	21.5	38.5	PASS
				RB1#13	23.44	21.84	38.5	PASS
				RB1#24	22.89	21.29	38.5	PASS
				RB12#0	22.35	20.75	38.5	PASS
				RB12#6	22.4	20.8	38.5	PASS
				RB12#13	22.23	20.63	38.5	PASS
				RB25#0	22.29	20.69	38.5	PASS
		10	LCH	RB1#0	22.72	21.12	38.5	PASS
				RB1#25	23.43	21.83	38.5	PASS
				RB1#49	22.87	21.27	38.5	PASS
				RB25#0	22.03	20.43	38.5	PASS
				RB25#13	22.14	20.54	38.5	PASS
				RB25#25	22.03	20.43	38.5	PASS
				RB50#0	22	20.4	38.5	PASS
			MCH	RB1#0	22.92	21.32	38.5	PASS
				RB1#25	23.5	21.9	38.5	PASS
				RB1#49	22.87	21.27	38.5	PASS
				RB25#0	22.21	20.61	38.5	PASS
				RB25#13	22.34	20.74	38.5	PASS
				RB25#25	22.09	20.49	38.5	PASS
				RB50#0	22.16	20.56	38.5	PASS
			HCH	RB1#0	22.91	21.31	38.5	PASS
				RB1#25	23.33	21.73	38.5	PASS

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

				RB1#49	22.71	21.11	38.5	PASS
				RB25#0	22.16	20.56	38.5	PASS
				RB25#13	22.31	20.71	38.5	PASS
				RB25#25	22.1	20.5	38.5	PASS
				RB50#0	22.2	20.6	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.33	20.73	38.5	PASS
				RB1#3	22.49	20.89	38.5	PASS
				RB1#5	22.37	20.77	38.5	PASS
				RB3#0	22.29	20.69	38.5	PASS
				RB3#2	22.36	20.76	38.5	PASS
				RB3#3	22.32	20.72	38.5	PASS
				RB6#0	21.33	19.73	38.5	PASS
			MCH	RB1#0	22.9	21.3	38.5	PASS
				RB1#3	22.93	21.33	38.5	PASS
				RB1#5	22.82	21.22	38.5	PASS
				RB3#0	23.02	21.42	38.5	PASS
				RB3#2	23	21.4	38.5	PASS
				RB3#3	22.95	21.35	38.5	PASS
				RB6#0	21.89	20.29	38.5	PASS
			HCH	RB1#0	22.66	21.06	38.5	PASS
				RB1#3	22.76	21.16	38.5	PASS
				RB1#5	22.54	20.94	38.5	PASS
				RB3#0	22.48	20.88	38.5	PASS
				RB3#2	22.4	20.8	38.5	PASS
				RB3#3	22.36	20.76	38.5	PASS
				RB6#0	21.47	19.87	38.5	PASS
		3	LCH	RB1#0	22.27	20.67	38.5	PASS
				RB1#7	22.67	21.07	38.5	PASS
				RB1#14	22.31	20.71	38.5	PASS
				RB8#0	21.17	19.57	38.5	PASS
				RB8#4	21.24	19.64	38.5	PASS
				RB8#7	21.17	19.57	38.5	PASS
				RB15#0	21.1	19.5	38.5	PASS
			MCH	RB1#0	22.73	21.13	38.5	PASS
				RB1#7	22.89	21.29	38.5	PASS
				RB1#14	22.63	21.03	38.5	PASS
				RB8#0	21.82	20.22	38.5	PASS
				RB8#4	21.83	20.23	38.5	PASS
				RB8#7	21.74	20.14	38.5	PASS
				RB15#0	21.69	20.09	38.5	PASS
			HCH	RB1#0	22.63	21.03	38.5	PASS

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

				RB1#7	22.9	21.3	38.5	PASS
				RB1#14	22.43	20.83	38.5	PASS
				RB8#0	21.36	19.76	38.5	PASS
				RB8#4	21.43	19.83	38.5	PASS
				RB8#7	21.4	19.8	38.5	PASS
				RB15#0	21.33	19.73	38.5	PASS
		5	LCH	RB1#0	22.19	20.59	38.5	PASS
				RB1#13	22.57	20.97	38.5	PASS
				RB1#24	22.24	20.64	38.5	PASS
				RB12#0	21.05	19.45	38.5	PASS
				RB12#6	21.23	19.63	38.5	PASS
				RB12#13	21.08	19.48	38.5	PASS
				RB25#0	21.07	19.47	38.5	PASS
			MCH	RB1#0	22.81	21.21	38.5	PASS
				RB1#13	22.93	21.33	38.5	PASS
				RB1#24	22.49	20.89	38.5	PASS
				RB12#0	21.66	20.06	38.5	PASS
				RB12#6	21.75	20.15	38.5	PASS
				RB12#13	21.55	19.95	38.5	PASS
				RB25#0	21.58	19.98	38.5	PASS
			HCH	RB1#0	22.58	20.98	38.5	PASS
				RB1#13	22.91	21.31	38.5	PASS
				RB1#24	22.44	20.84	38.5	PASS
				RB12#0	21.33	19.73	38.5	PASS
				RB12#6	21.38	19.78	38.5	PASS
				RB12#13	21.21	19.61	38.5	PASS
				RB25#0	21.2	19.6	38.5	PASS
		10	LCH	RB1#0	21.82	20.22	38.5	PASS
				RB1#25	22.41	20.81	38.5	PASS
				RB1#49	22.03	20.43	38.5	PASS
				RB25#0	20.95	19.35	38.5	PASS
				RB25#13	21.08	19.48	38.5	PASS
				RB25#25	20.97	19.37	38.5	PASS
				RB50#0	20.94	19.34	38.5	PASS
			MCH	RB1#0	22.09	20.49	38.5	PASS
				RB1#25	22.59	20.99	38.5	PASS
				RB1#49	22.01	20.41	38.5	PASS
				RB25#0	21.25	19.65	38.5	PASS
				RB25#13	21.39	19.79	38.5	PASS
				RB25#25	21.12	19.52	38.5	PASS
				RB50#0	21.18	19.58	38.5	PASS

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

			HCH	RB1#0	22.29	20.69	38.5	PASS
				RB1#25	22.69	21.09	38.5	PASS
				RB1#49	22.11	20.51	38.5	PASS
				RB25#0	21.07	19.47	38.5	PASS
				RB25#13	21.23	19.63	38.5	PASS
				RB25#25	21.03	19.43	38.5	PASS
				RB50#0	21.13	19.53	38.5	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b, SGP=Signal Generator Level

Note2: Note2: SET Span=1.5*OBW

SET RBW=1%of the OBW,not to exceed 1MHz

SET VBW>= 3*RBW

SET Sweep time=auto-couple.

Detector:RMS

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	5.1	13	PASS
				RB1#3	5.1	13	PASS
				RB1#5	5.11	13	PASS
				RB3#0	5.33	13	PASS
				RB3#2	5.35	13	PASS
				RB3#3	5.37	13	PASS
				RB6#0	5.72	13	PASS
			MCH	RB1#0	4.68	13	PASS
				RB1#3	4.6	13	PASS
				RB1#5	4.65	13	PASS
				RB3#0	5.17	13	PASS
				RB3#2	5.16	13	PASS
				RB3#3	5.17	13	PASS
				RB6#0	5.77	13	PASS
			HCH	RB1#0	4.63	13	PASS
				RB1#3	4.59	13	PASS
				RB1#5	4.52	13	PASS
				RB3#0	5.06	13	PASS
				RB3#2	4.99	13	PASS
				RB3#3	4.94	13	PASS
				RB6#0	5.68	13	PASS
		3	LCH	RB1#0	4.81	13	PASS
				RB1#7	4.67	13	PASS
				RB1#14	4.92	13	PASS
				RB8#0	5.67	13	PASS
				RB8#4	5.68	13	PASS
				RB8#7	5.65	13	PASS
				RB15#0	5.79	13	PASS
			MCH	RB1#0	4.94	13	PASS
				RB1#7	4.59	13	PASS
				RB1#14	4.78	13	PASS
				RB8#0	5.79	13	PASS
				RB8#4	5.58	13	PASS
				RB8#7	5.62	13	PASS
				RB15#0	5.85	13	PASS
			HCH	RB1#0	4.77	13	PASS
				RB1#7	4.55	13	PASS
				RB1#14	4.5	13	PASS

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	5.7	13	PASS
				RB8#4	5.59	13	PASS
				RB8#7	5.66	13	PASS
				RB15#0	5.64	13	PASS
		5	LCH	RB1#0	0	13	PASS
				RB1#13	5.24	13	PASS
				RB1#24	5.44	13	PASS
				RB12#0	5.96	13	PASS
				RB12#6	6.04	13	PASS
				RB12#13	6.13	13	PASS
				RB25#0	6.06	13	PASS
			MCH	RB1#0	5.39	13	PASS
				RB1#13	4.94	13	PASS
				RB1#24	4.94	13	PASS
				RB12#0	5.89	13	PASS
				RB12#6	5.71	13	PASS
				RB12#13	5.81	13	PASS
				RB25#0	5.92	13	PASS
			HCH	RB1#0	4.96	13	PASS
				RB1#13	4.88	13	PASS
				RB1#24	4.84	13	PASS
				RB12#0	5.7	13	PASS
				RB12#6	5.65	13	PASS
				RB12#13	5.66	13	PASS
				RB25#0	5.99	13	PASS
		10	LCH	RB1#0	5.12	13	PASS
				RB1#25	5.23	13	PASS
				RB1#49	5.34	13	PASS
				RB25#0	6.2	13	PASS
				RB25#13	6.21	13	PASS
				RB25#25	6.27	13	PASS
				RB50#0	6.29	13	PASS
			MCH	RB1#0	5.38	13	PASS
				RB1#25	4.87	13	PASS
				RB1#49	4.97	13	PASS
				RB25#0	6.03	13	PASS
				RB25#13	5.79	13	PASS
				RB25#25	5.77	13	PASS
				RB50#0	6.12	13	PASS

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.94	13	PASS
				RB1#25	4.82	13	PASS
				RB1#49	5.16	13	PASS
				RB25#0	5.76	13	PASS
				RB25#13	5.72	13	PASS
				RB25#25	5.81	13	PASS
				RB50#0	6.19	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.96	13	PASS
				RB1#3	5.89	13	PASS
				RB1#5	5.79	13	PASS
				RB3#0	6.03	13	PASS
				RB3#2	6	13	PASS
				RB3#3	6.06	13	PASS
				RB6#0	6.47	13	PASS
			MCH	RB1#0	5.66	13	PASS
				RB1#3	5.66	13	PASS
				RB1#5	5.58	13	PASS
				RB3#0	5.76	13	PASS
				RB3#2	5.91	13	PASS
				RB3#3	5.75	13	PASS
				RB6#0	6.3	13	PASS
			HCH	RB1#0	5.21	13	PASS
				RB1#3	5.33	13	PASS
				RB1#5	5.27	13	PASS
				RB3#0	5.57	13	PASS
				RB3#2	5.66	13	PASS
				RB3#3	5.58	13	PASS
				RB6#0	6.37	13	PASS
		3	LCH	RB1#0	5.84	13	PASS
				RB1#7	5.76	13	PASS
				RB1#14	6.07	13	PASS
				RB8#0	6.3	13	PASS
				RB8#4	6.31	13	PASS
				RB8#7	6.37	13	PASS
				RB15#0	6.67	13	PASS
			MCH	RB1#0	5.99	13	PASS
				RB1#7	5.65	13	PASS
				RB1#14	5.81	13	PASS
				RB8#0	6.28	13	PASS

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#4	6.22	13	PASS
				RB8#7	6.21	13	PASS
				RB15#0	6.59	13	PASS
			HCH	RB1#0	5.27	13	PASS
				RB1#7	4.94	13	PASS
				RB1#14	5.14	13	PASS
				RB8#0	6.15	13	PASS
				RB8#4	6.08	13	PASS
				RB8#7	6.06	13	PASS
				RB15#0	6.68	13	PASS
		5	LCH	RB1#0	5.75	13	PASS
				RB1#13	6.02	13	PASS
				RB1#24	6.13	13	PASS
				RB12#0	6.36	13	PASS
				RB12#6	6.57	13	PASS
				RB12#13	6.62	13	PASS
				RB25#0	6.88	13	PASS
			MCH	RB1#0	5.79	13	PASS
				RB1#13	5.53	13	PASS
				RB1#24	5.49	13	PASS
				RB12#0	6.61	13	PASS
				RB12#6	6.39	13	PASS
				RB12#13	6.31	13	PASS
				RB25#0	6.7	13	PASS
			HCH	RB1#0	5.43	13	PASS
				RB1#13	5.55	13	PASS
				RB1#24	5.58	13	PASS
				RB12#0	6.18	13	PASS
				RB12#6	6.21	13	PASS
				RB12#13	6.11	13	PASS
				RB25#0	6.53	13	PASS
		10	LCH	RB1#0	5.83	13	PASS
				RB1#25	6.22	13	PASS
				RB1#49	6.23	13	PASS
				RB25#0	6.88	13	PASS
				RB25#13	6.97	13	PASS
				RB25#25	6.96	13	PASS
				RB50#0	7.08	13	PASS
			MCH	RB1#0	6.38	13	PASS

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.81	13	PASS
				RB1#49	5.88	13	PASS
				RB25#0	6.73	13	PASS
				RB25#13	6.5	13	PASS
				RB25#25	6.46	13	PASS
				RB50#0	6.86	13	PASS
			HCH	RB1#0	5.48	13	PASS
				RB1#25	5.42	13	PASS
				RB1#49	5.32	13	PASS
				RB25#0	6.39	13	PASS
				RB25#13	6.4	13	PASS
				RB25#25	6.39	13	PASS
				RB50#0	6.65	13	PASS

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

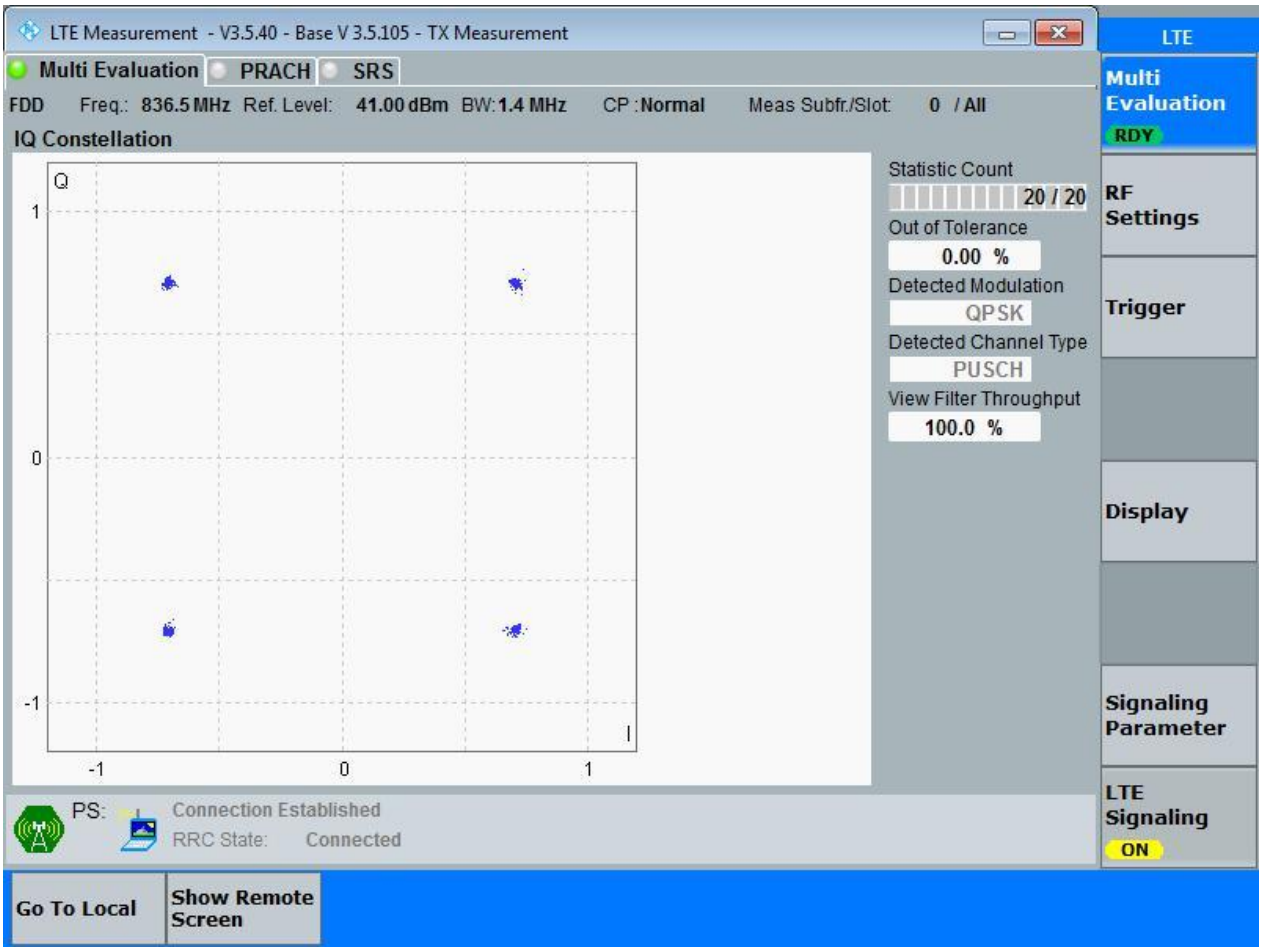
3.1.1 Test Band = BAND5

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

3.1.1.1.1.1.1 Test RB = RB6#0

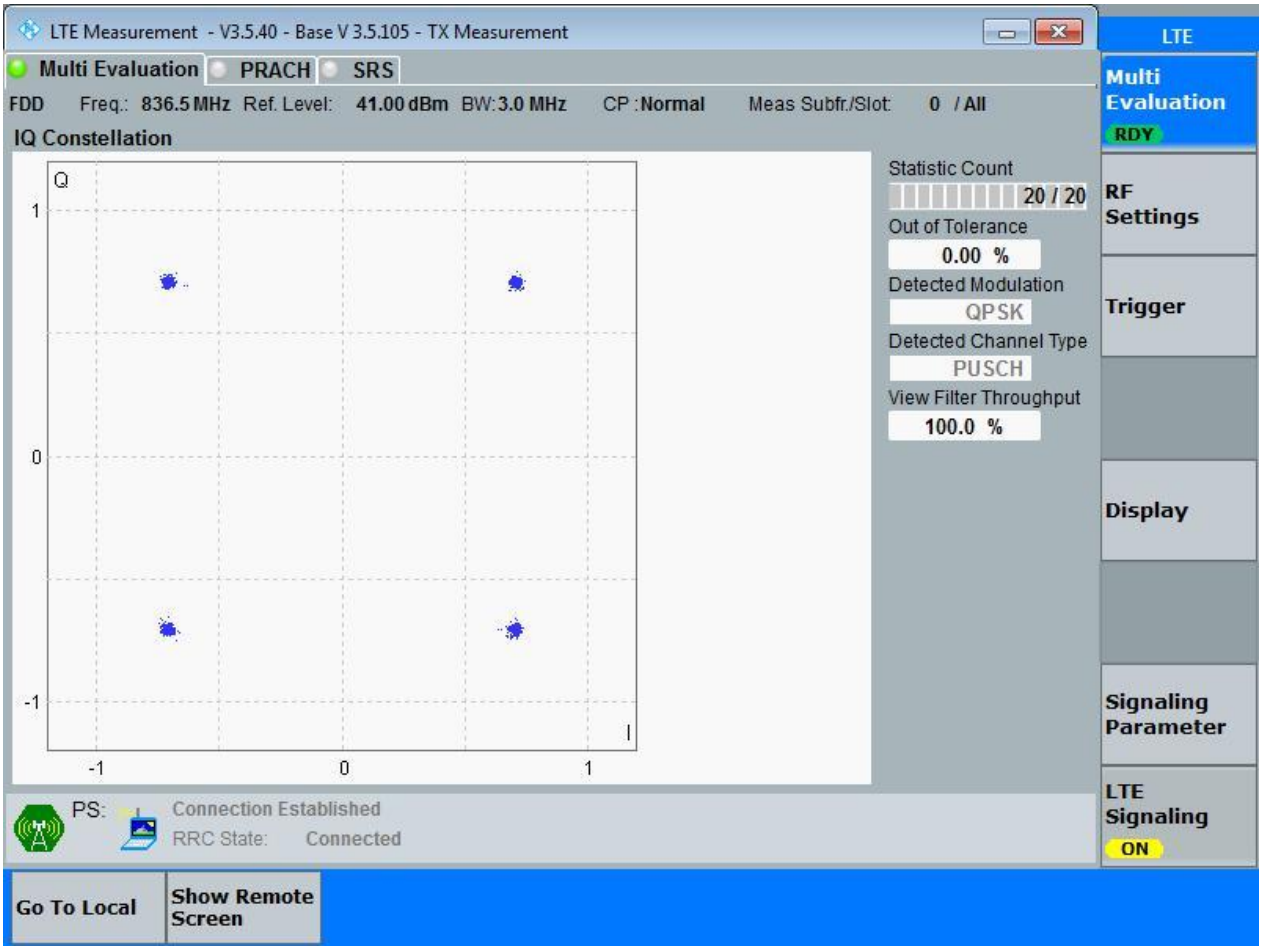


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB15#0

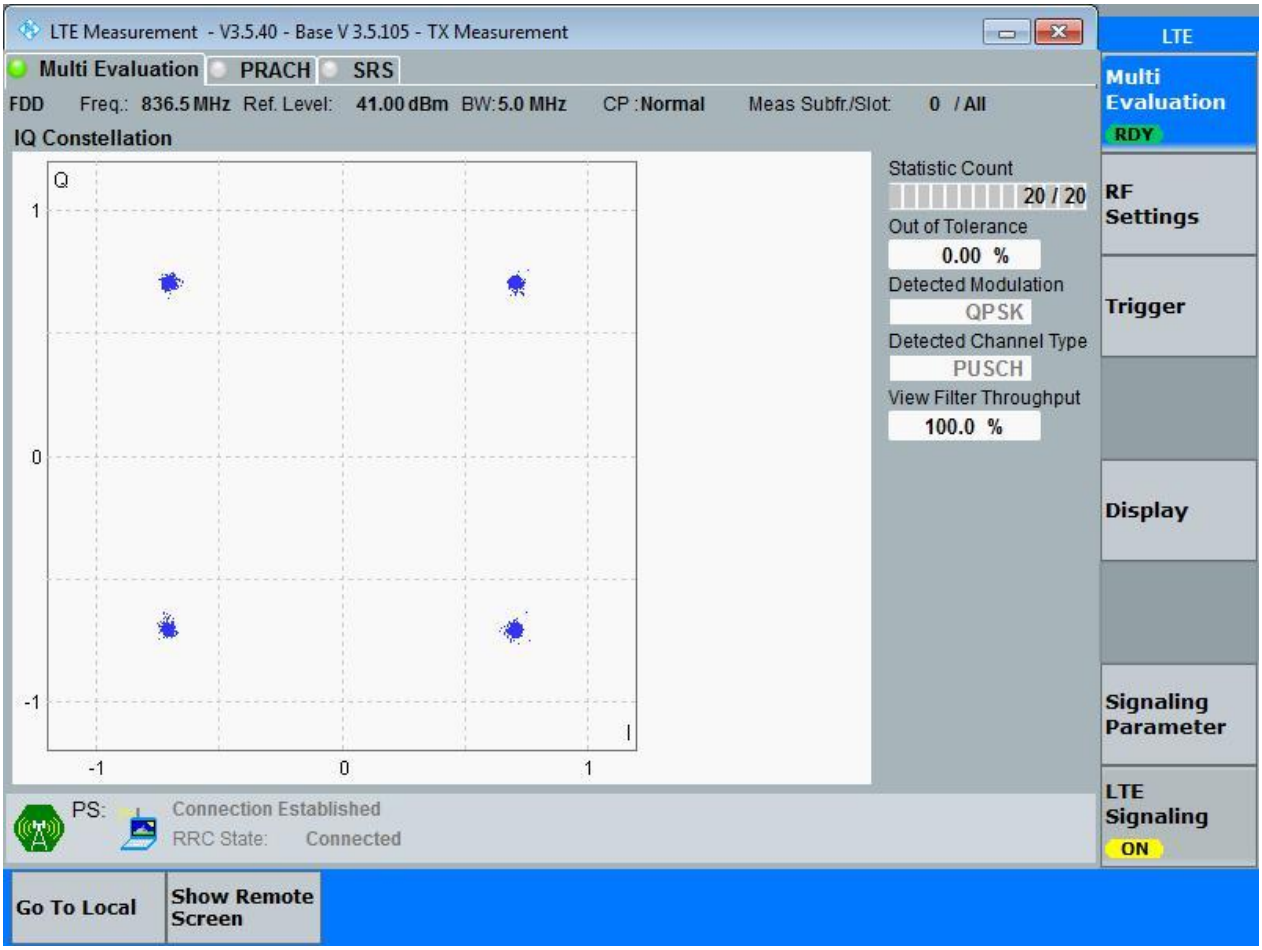


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB25#0

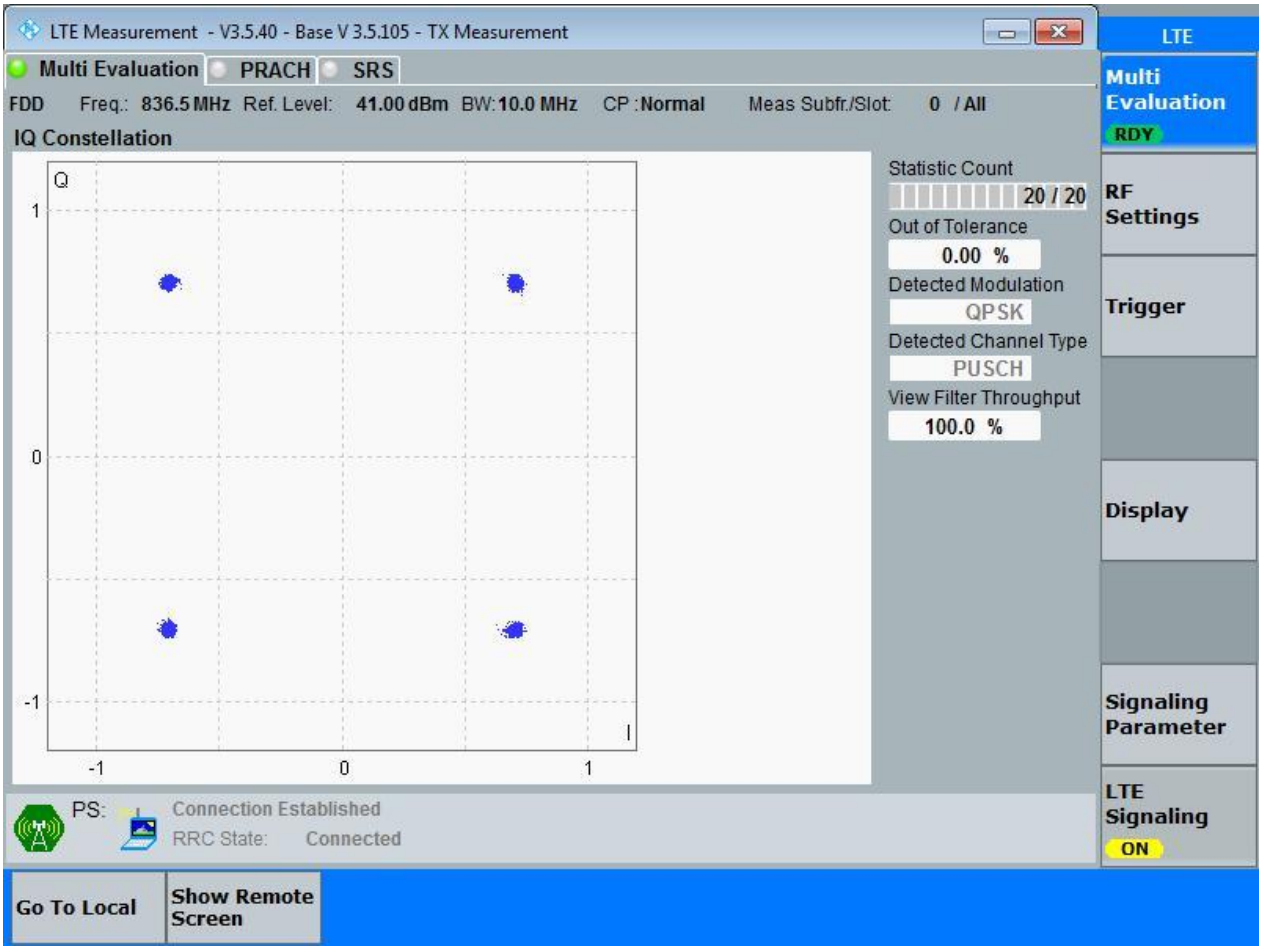


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0



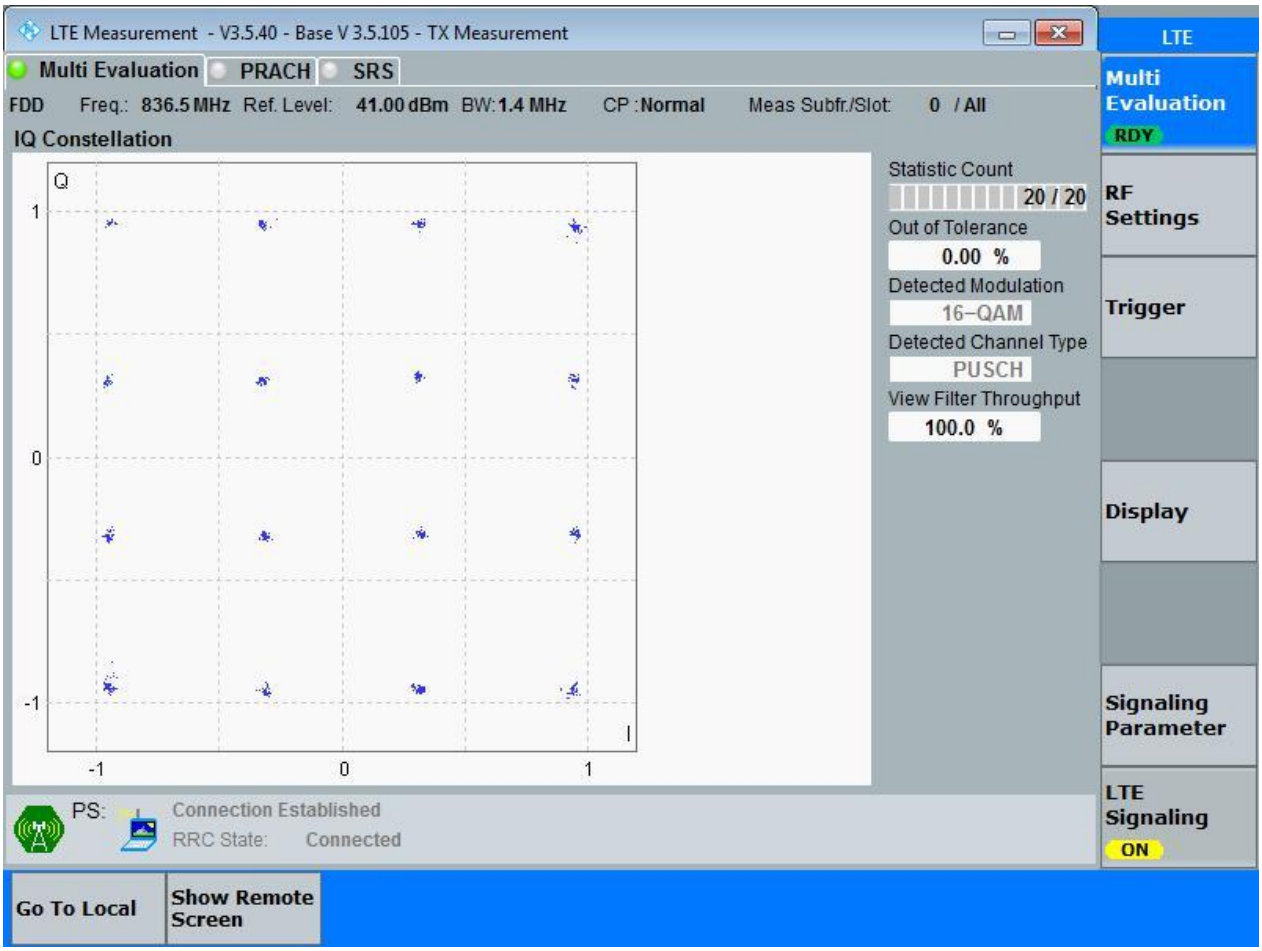
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

3.1.1.2.1.1.1 Test RB = RB6#0

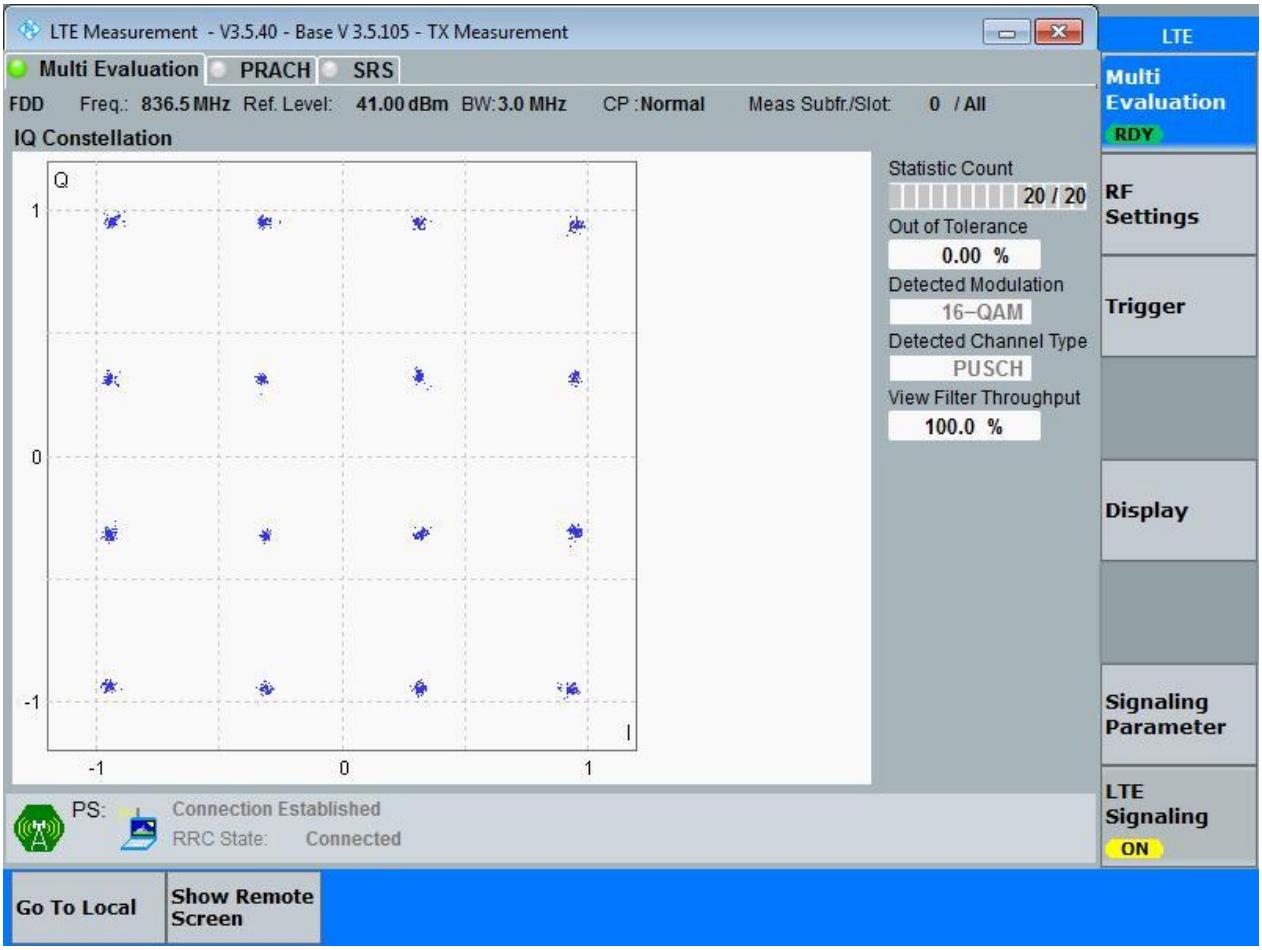


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0

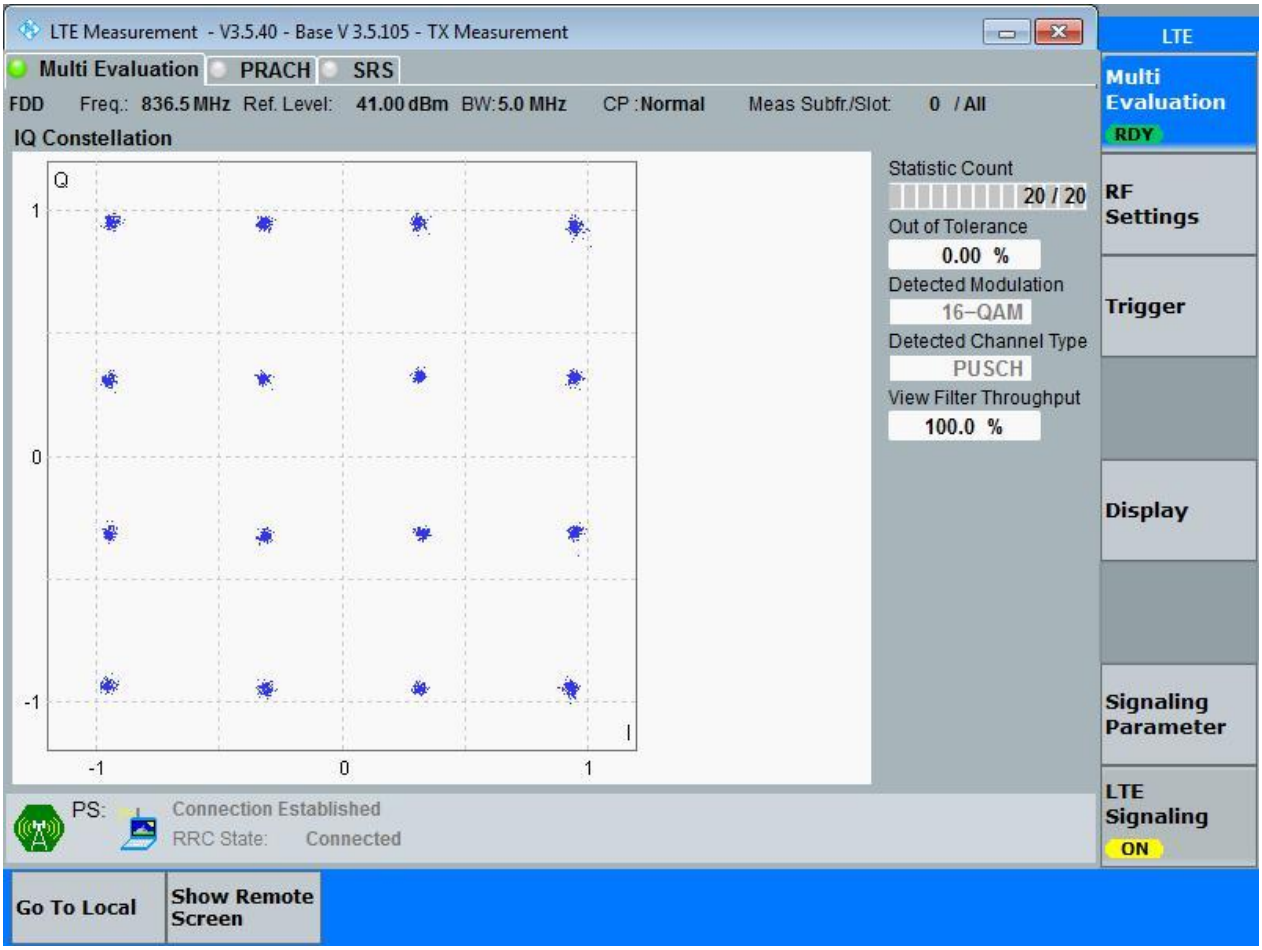


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB25#0

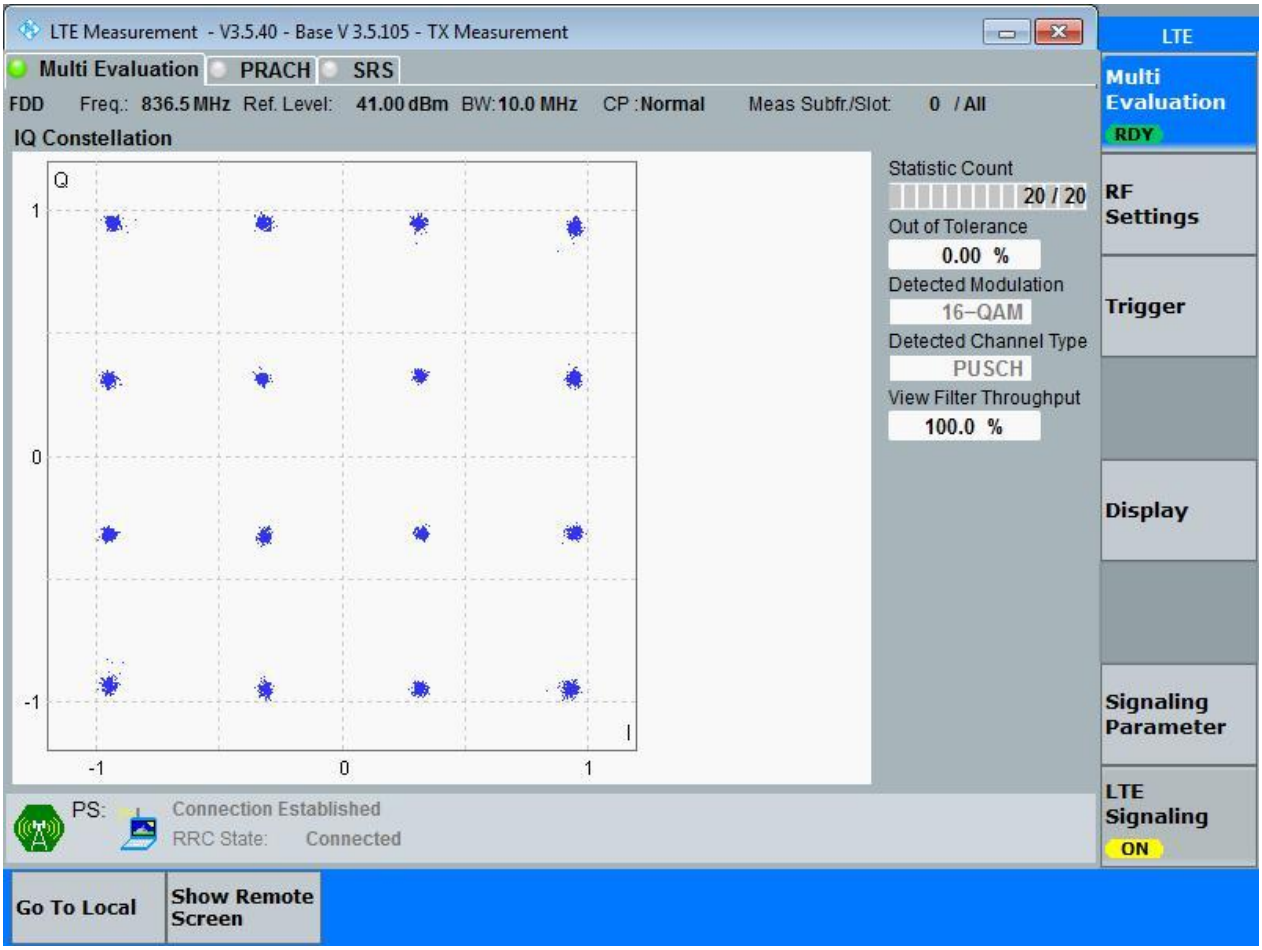


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4Appendix_D: Bandwidth

Part I - Test Results

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB6#0	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.71	2.95	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.49	4.85	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	8.98	9.63	Pass
			MCH	RB50#0	8.99	9.62	Pass
			HCH	RB50#0	8.98	9.59	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.95	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.85	Pass
			HCH	RB25#0	4.50	4.86	Pass
		10	LCH	RB50#0	8.98	9.66	Pass
			MCH	RB50#0	8.98	9.61	Pass
			HCH	RB50#0	8.99	9.61	Pass

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Part II - Test Plots

4.1 For LTE

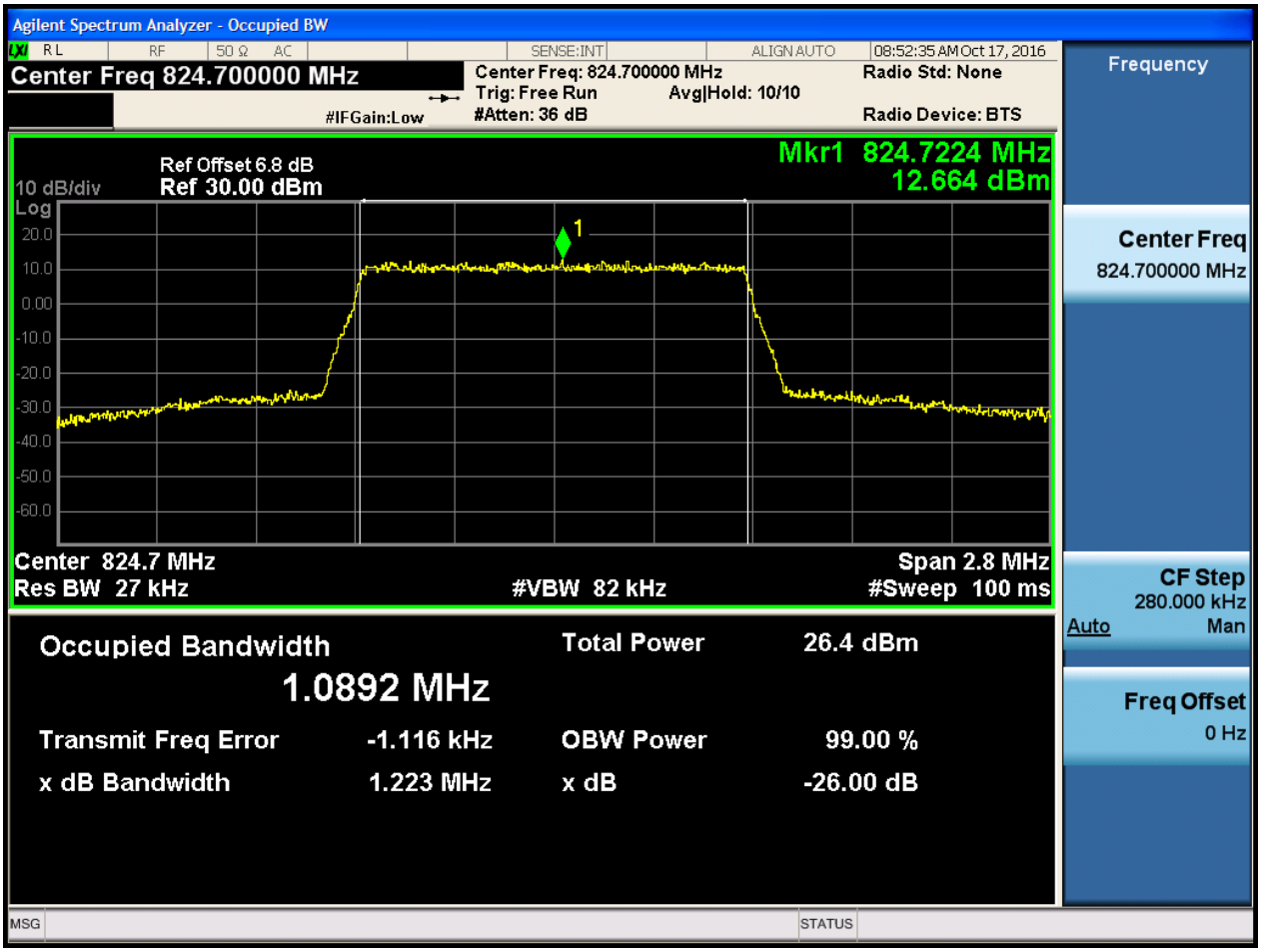
4.1.1 Test Band = BAND5

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

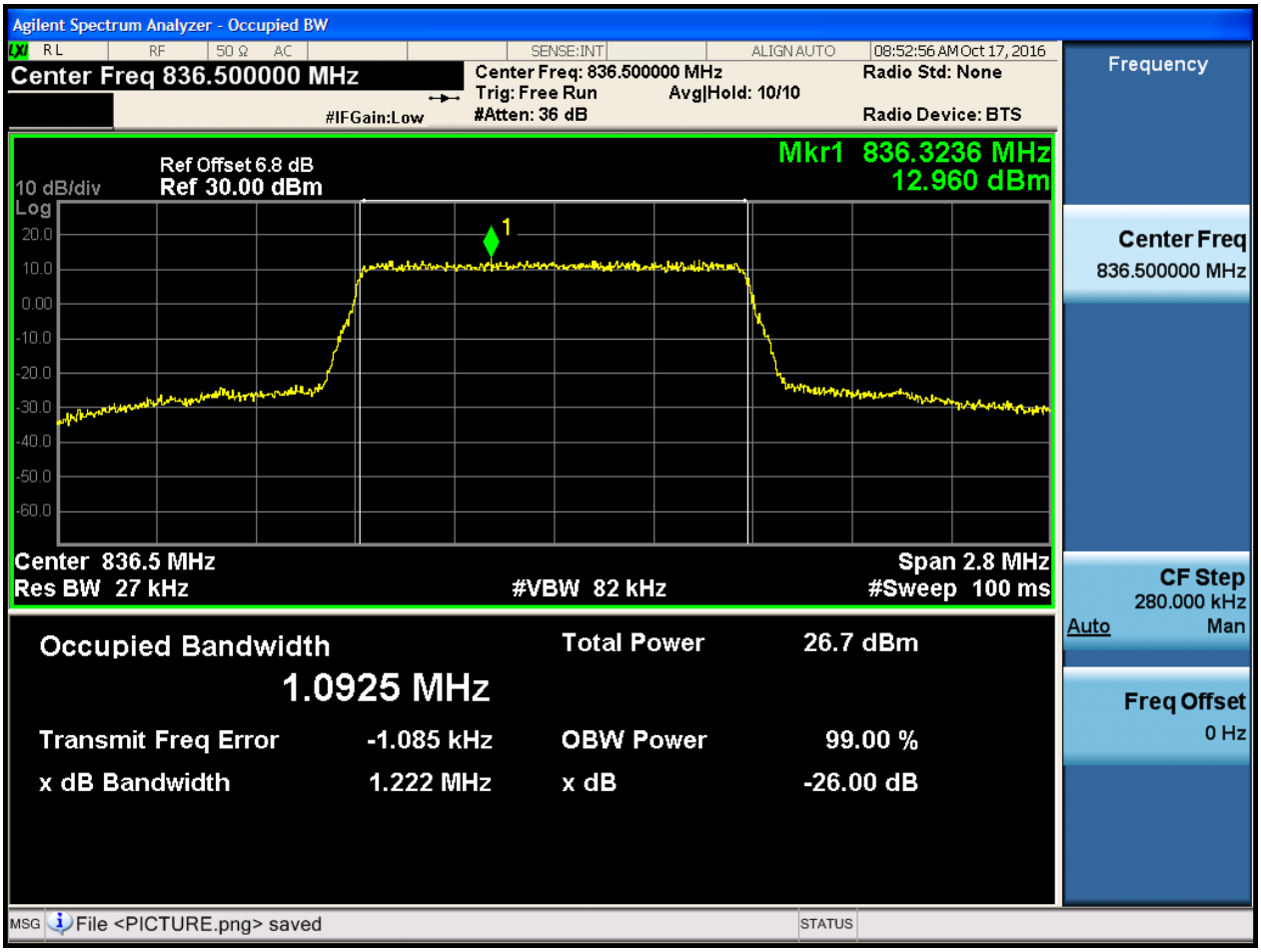
4.1.1.1.1.1.1 Test RB = RB6#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.1.2 Test Channel = MCH

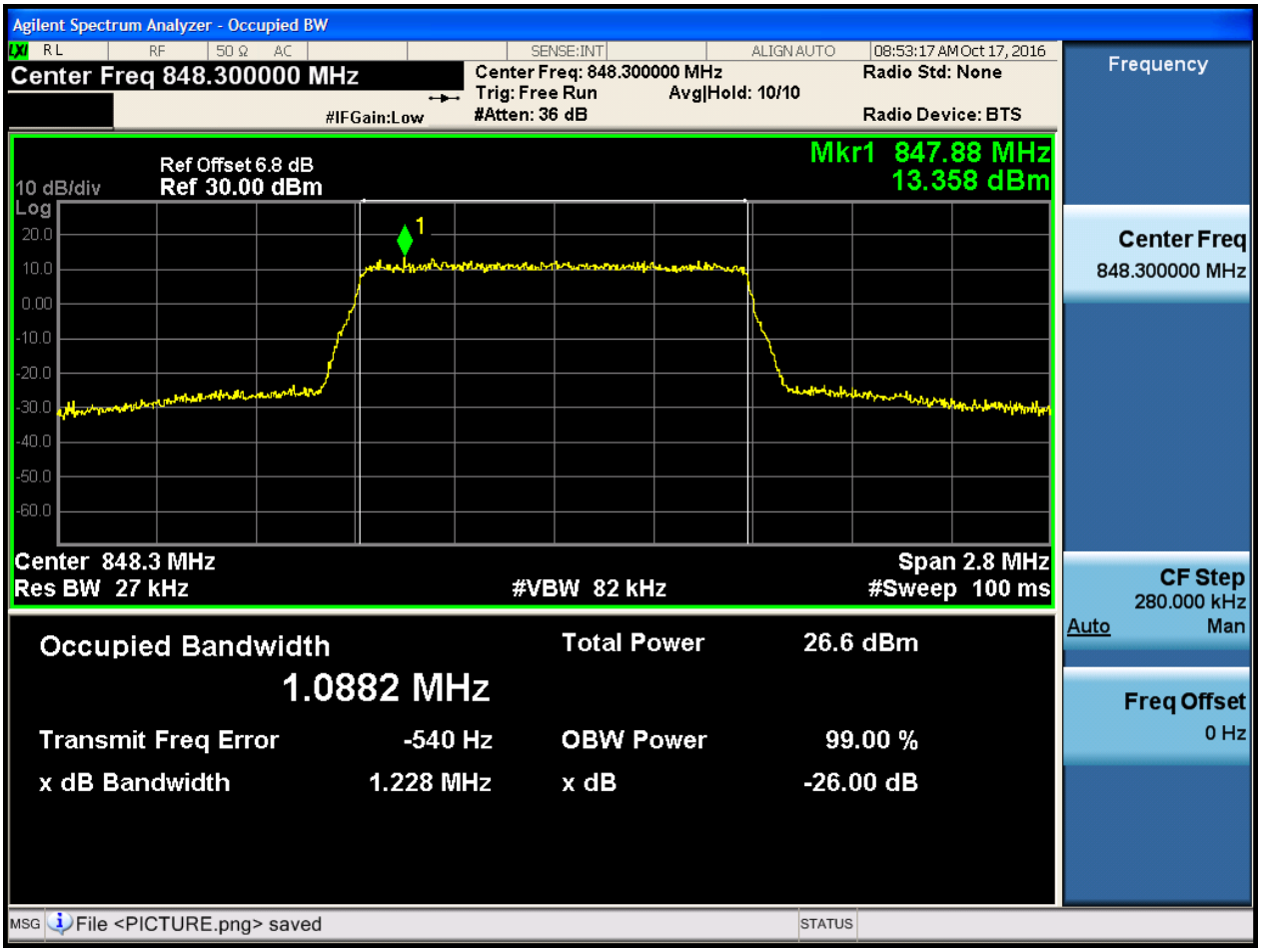
4.1.1.1.1.2.1 Test RB = RB6#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

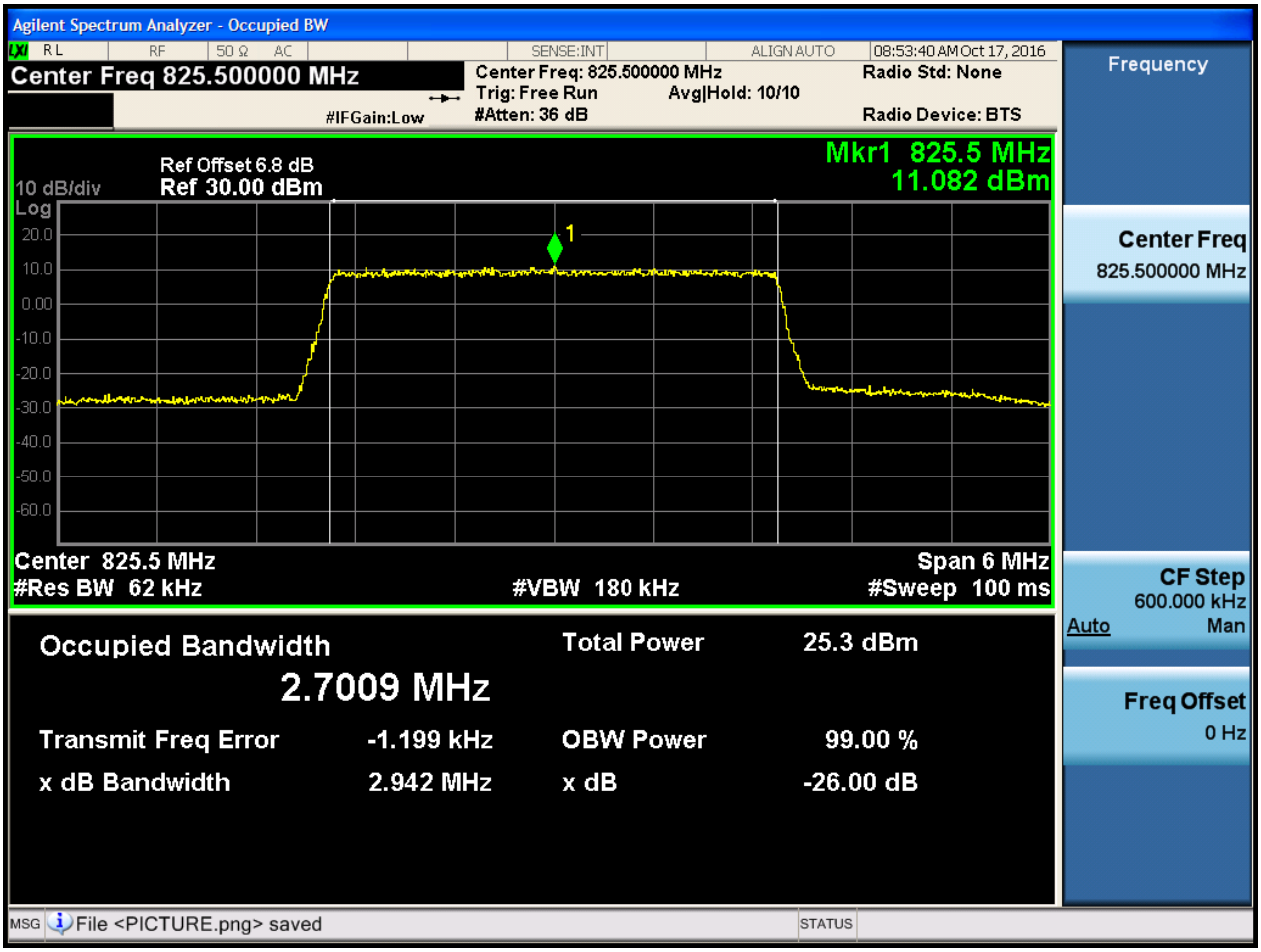


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

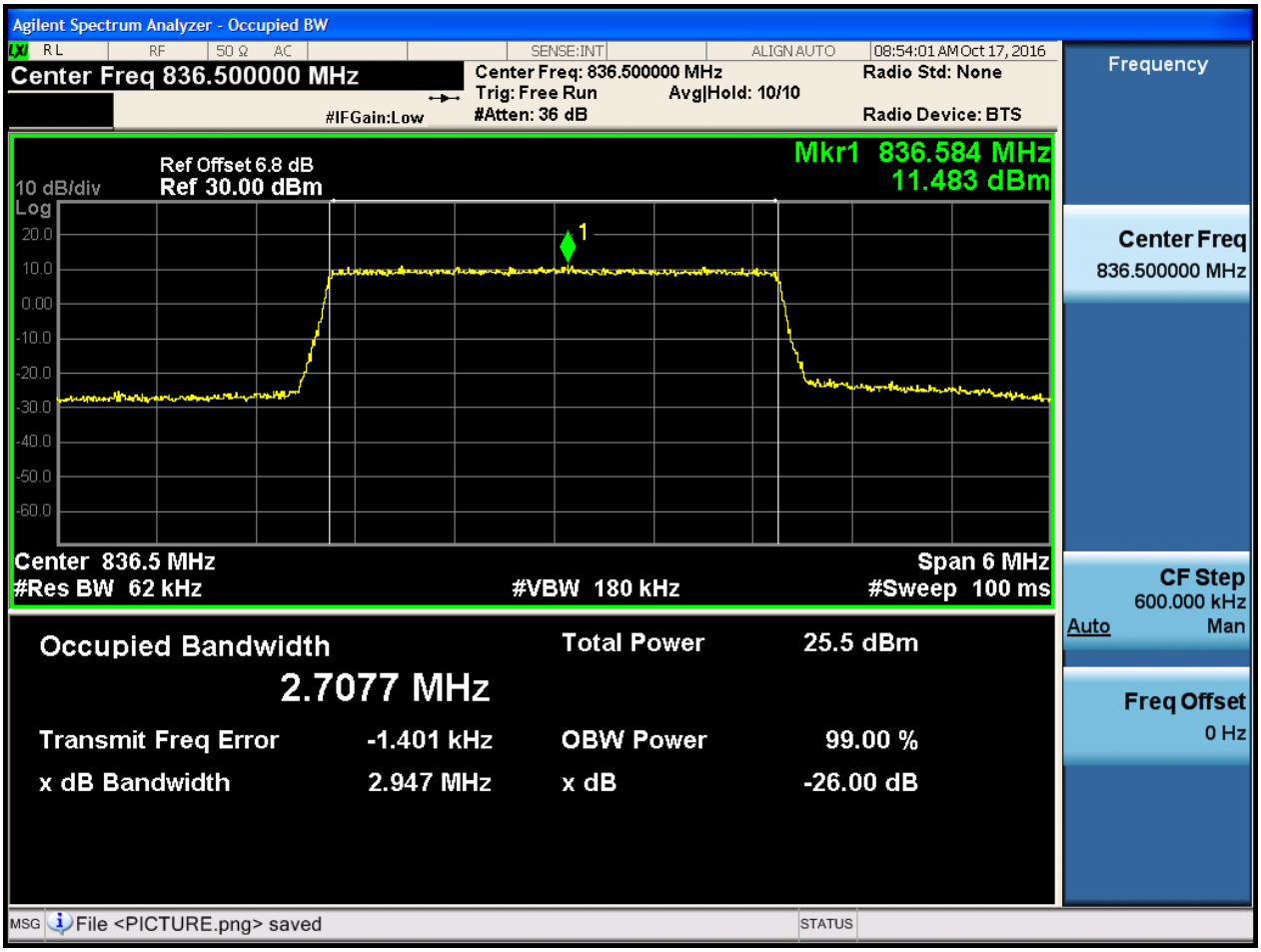
4.1.1.1.2.1.1 Test RB = RB15#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.2.2 Test Channel = MCH

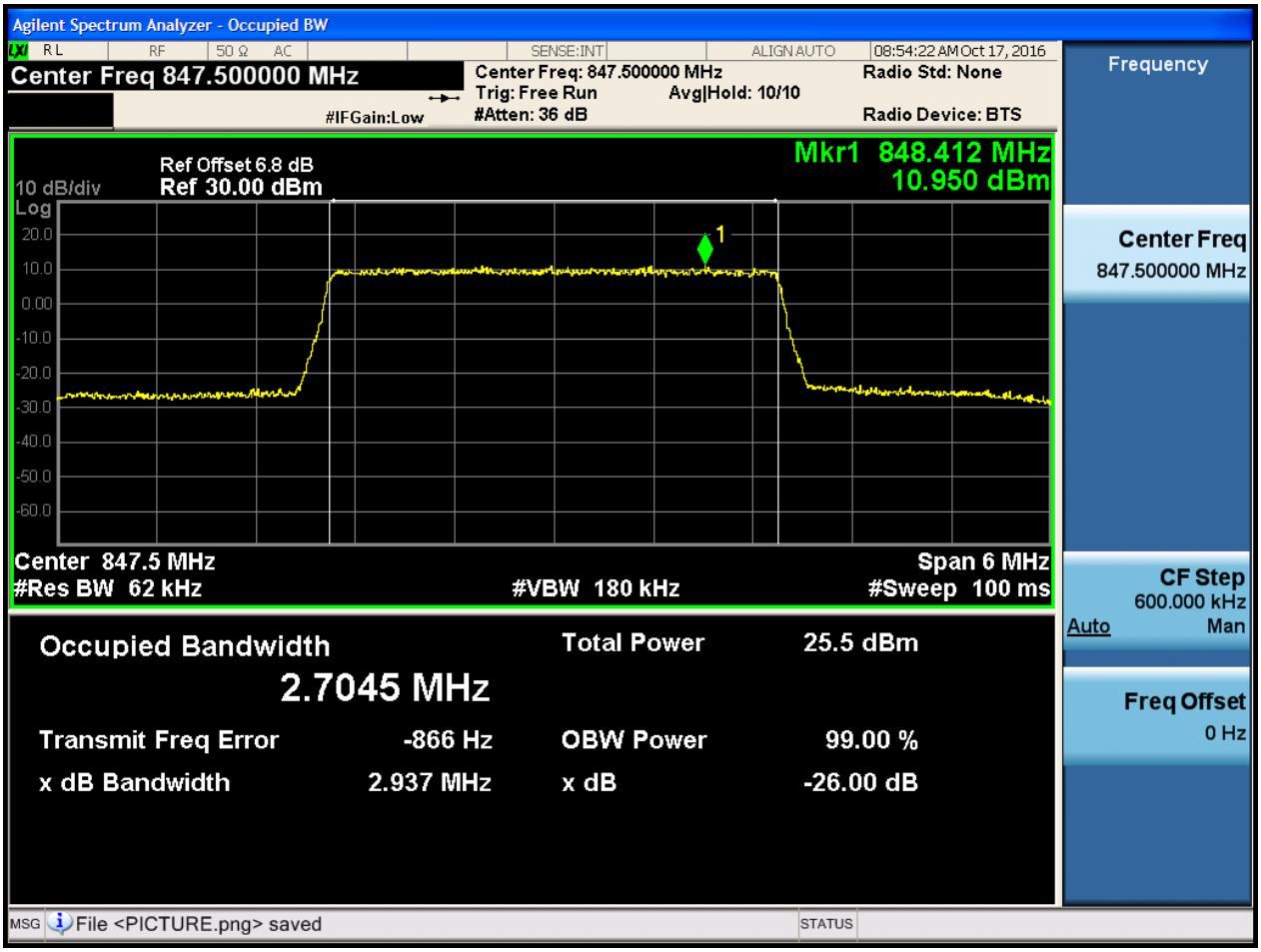
4.1.1.1.2.2.1 Test RB = RB15#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

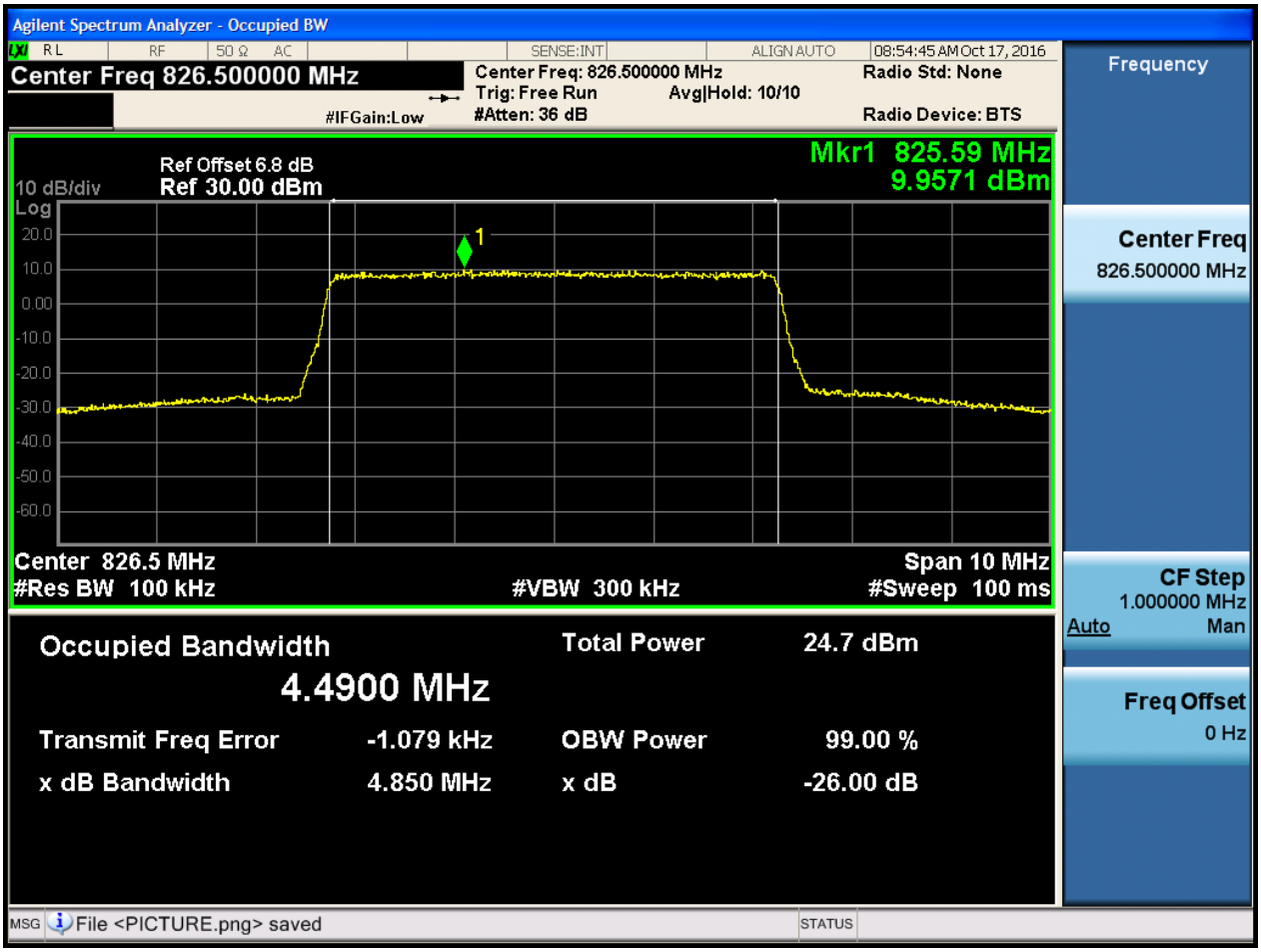


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

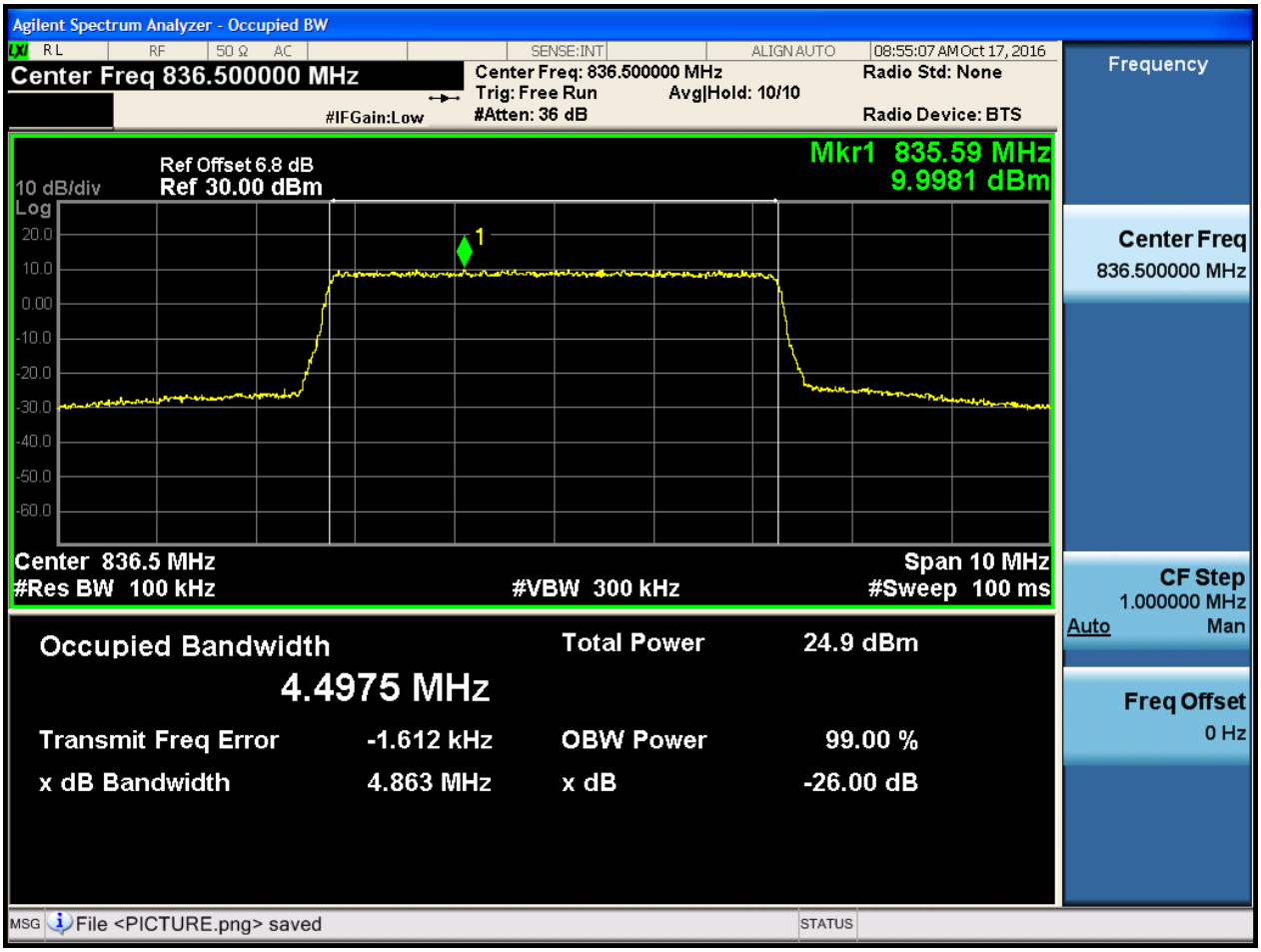
4.1.1.1.3.1.1 Test RB = RB25#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.3.2 Test Channel = MCH

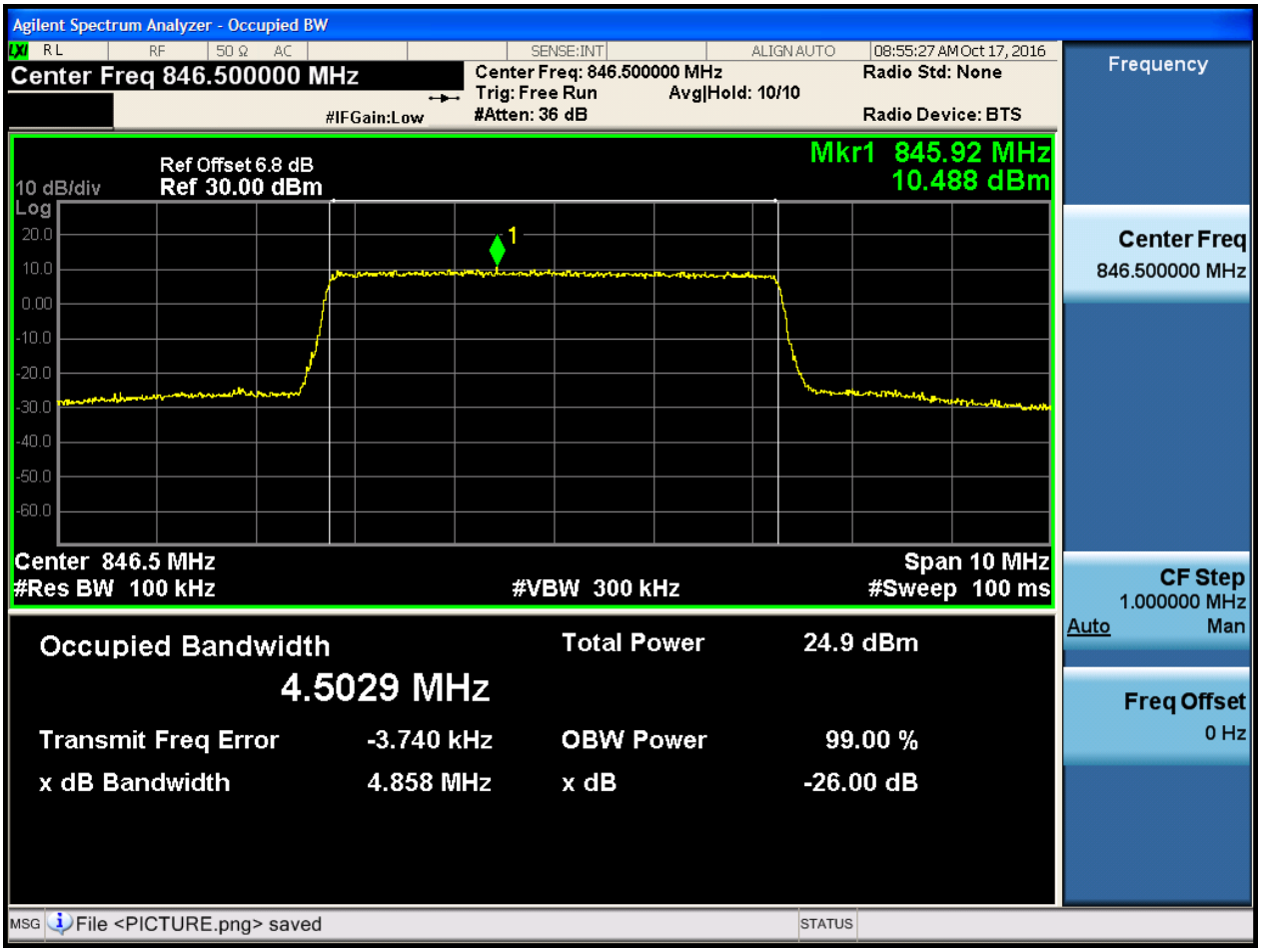
4.1.1.1.3.2.1 Test RB = RB25#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

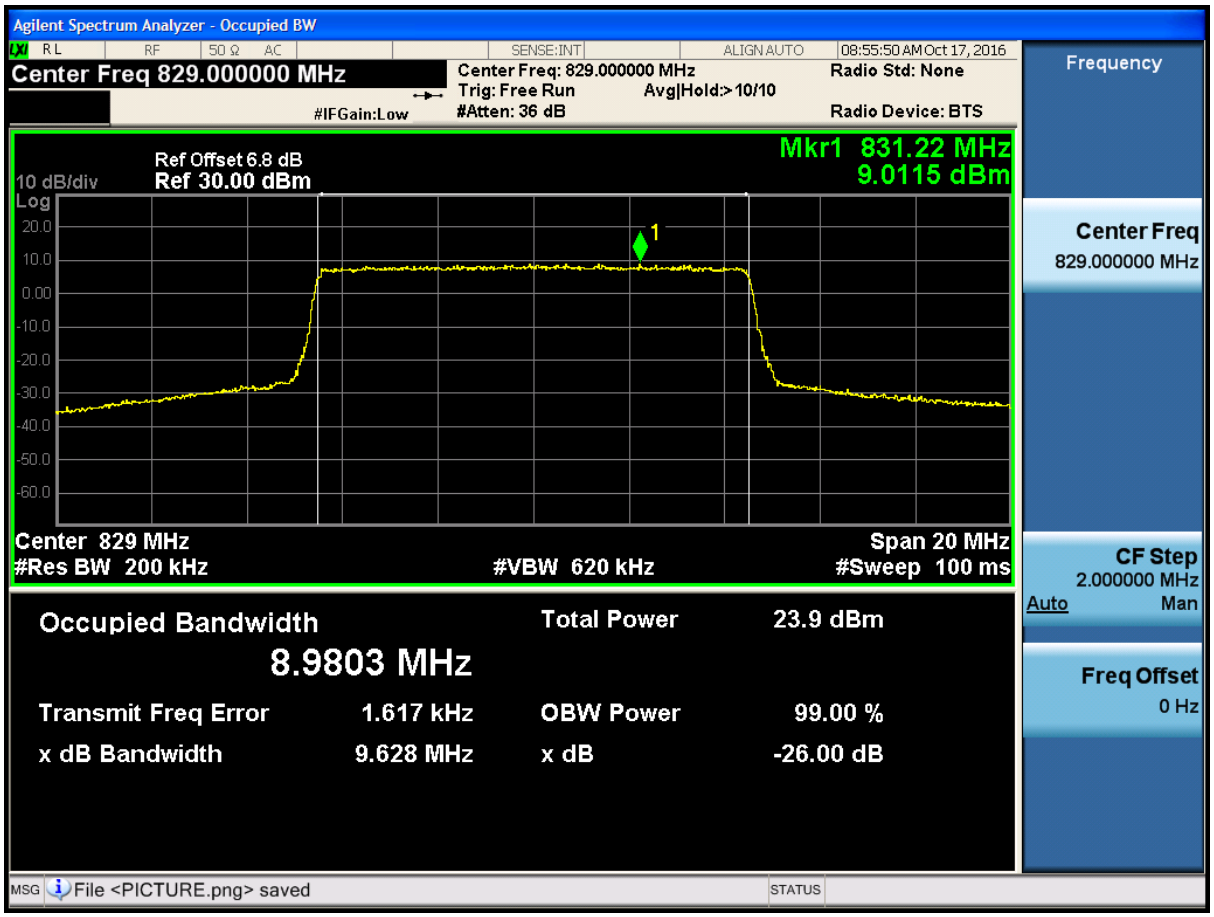


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

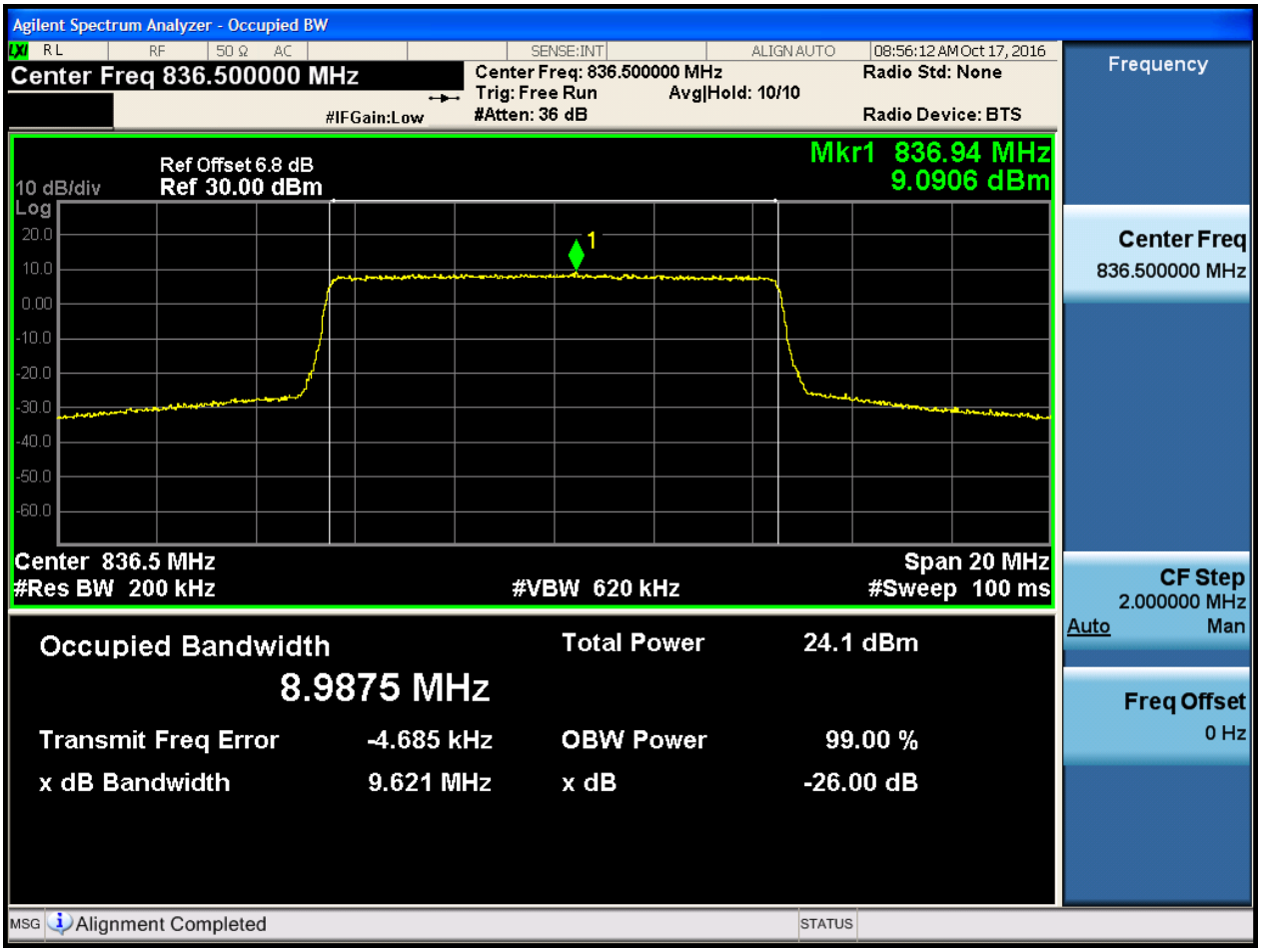
4.1.1.1.4.1.1 Test RB = RB50#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.4.2 Test Channel = MCH

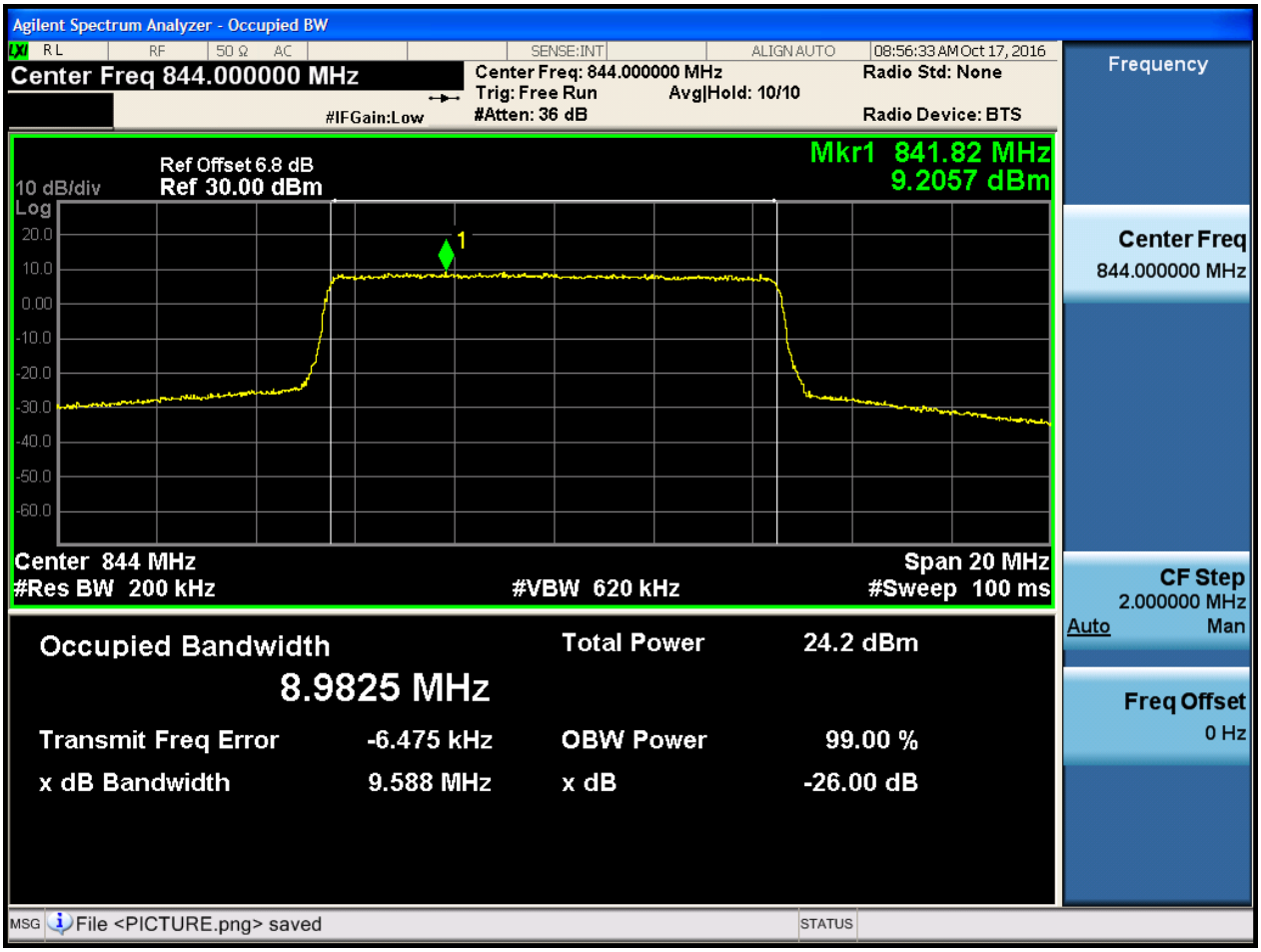
4.1.1.1.4.2.1 Test RB = RB50#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



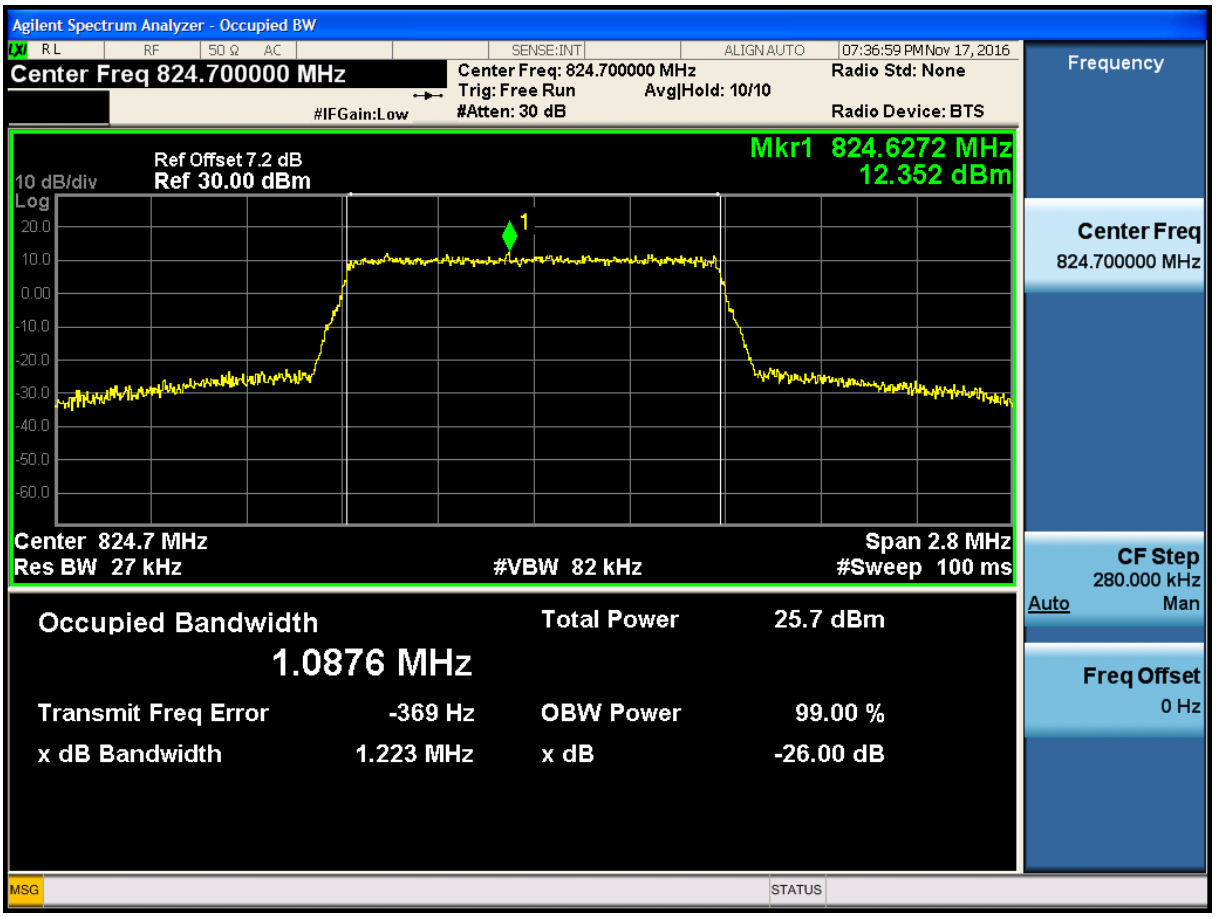
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

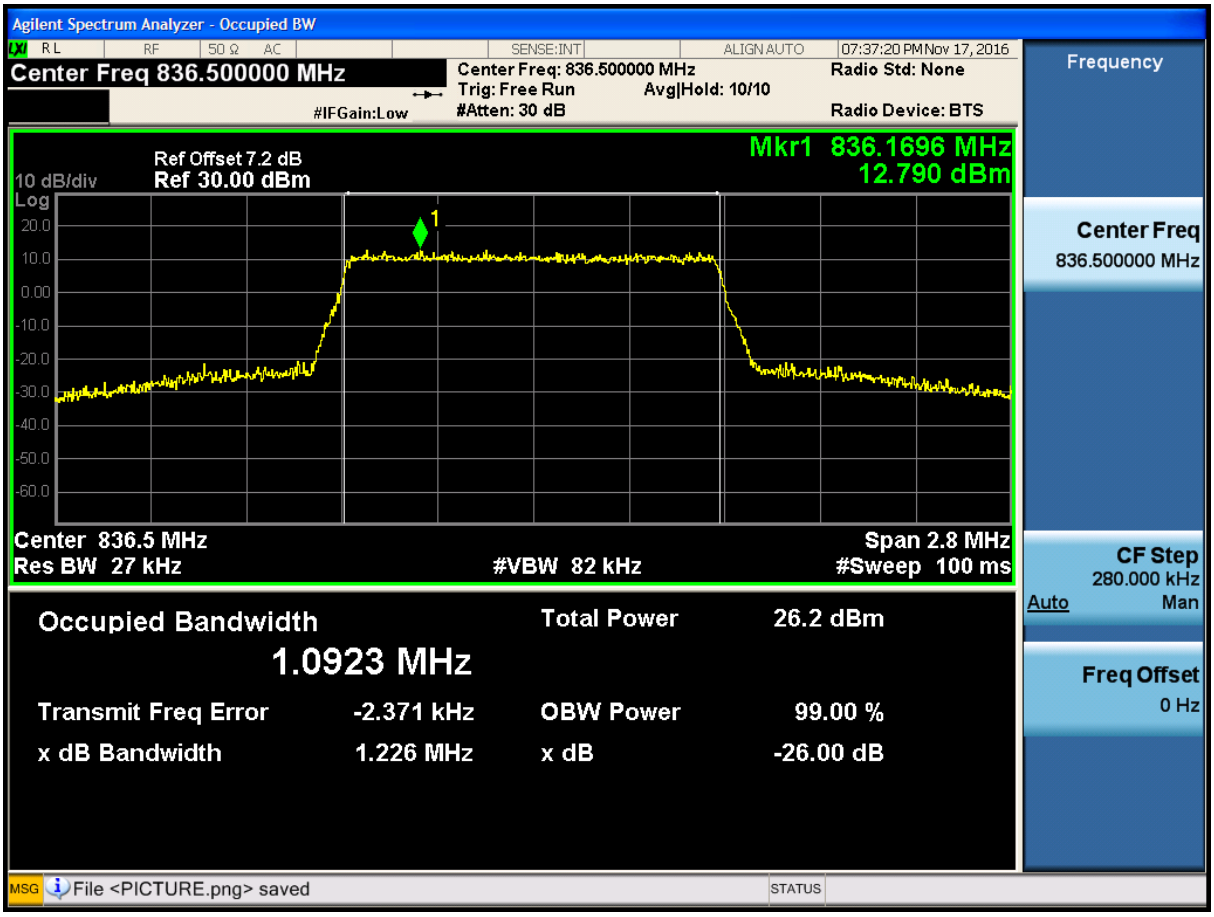
4.1.1.2.1.1.1 Test RB = RB6#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.1.2 Test Channel = MCH

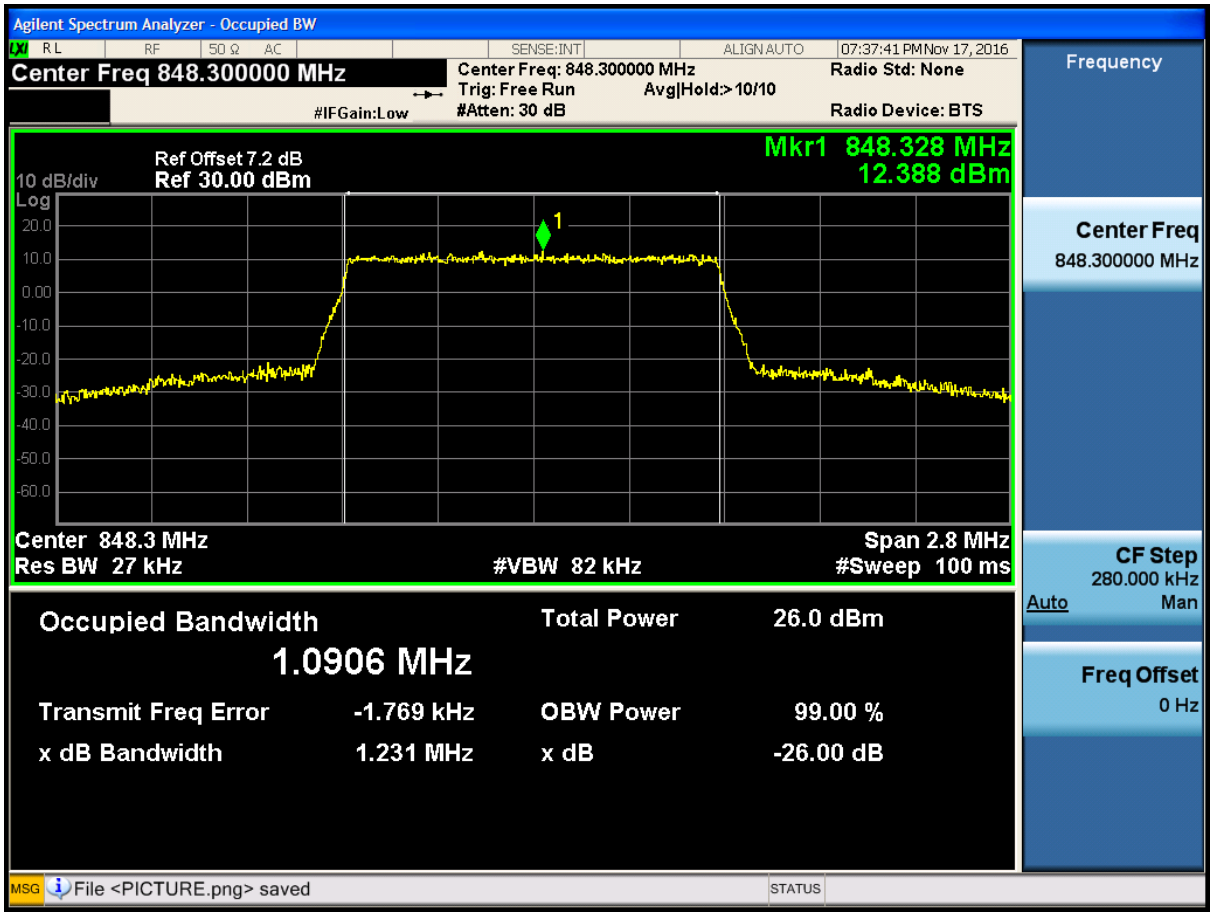
4.1.1.2.1.2.1 Test RB = RB6#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

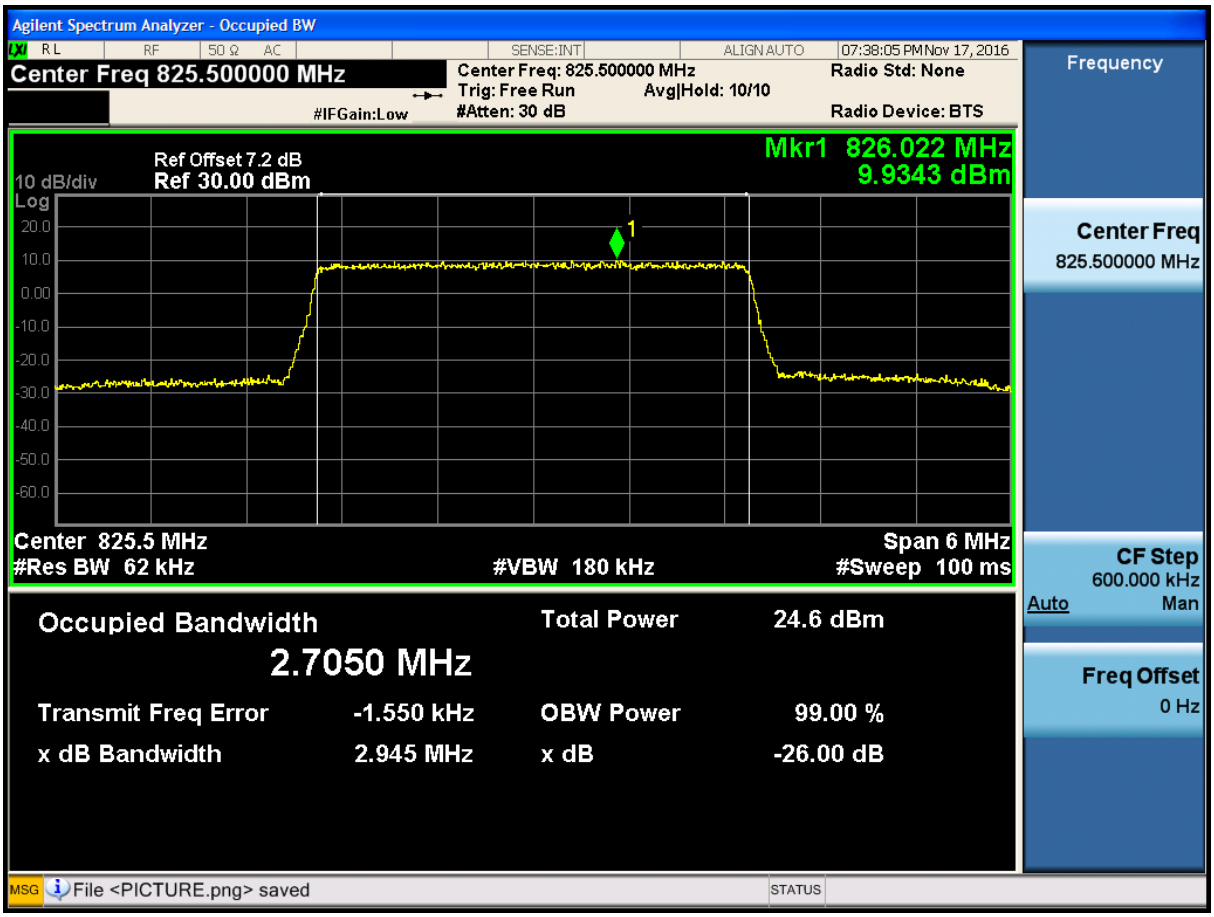


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

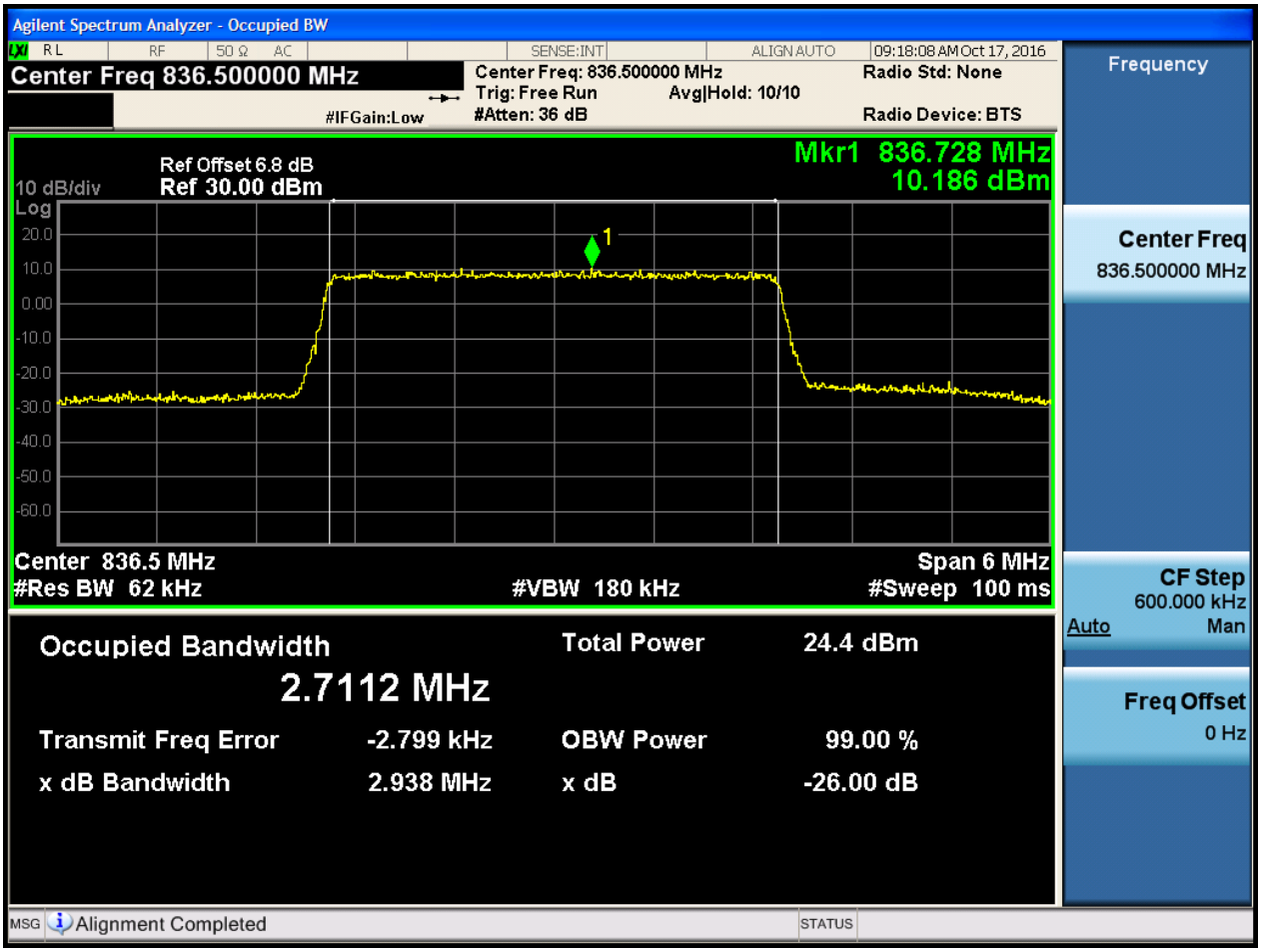
4.1.1.2.2.1.1 Test RB = RB15#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.2.2 Test Channel = MCH

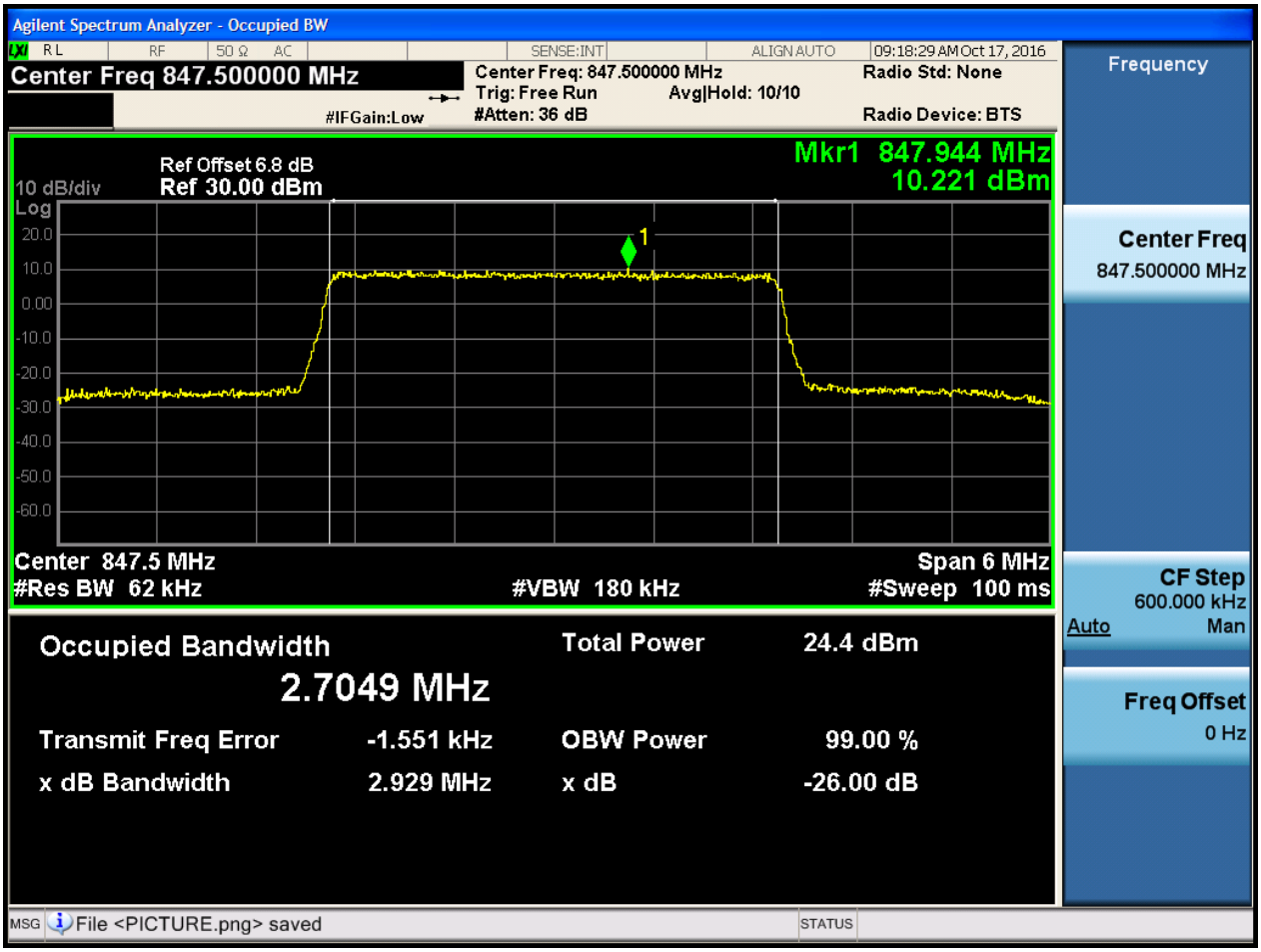
4.1.1.2.2.2.1 Test RB = RB15#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

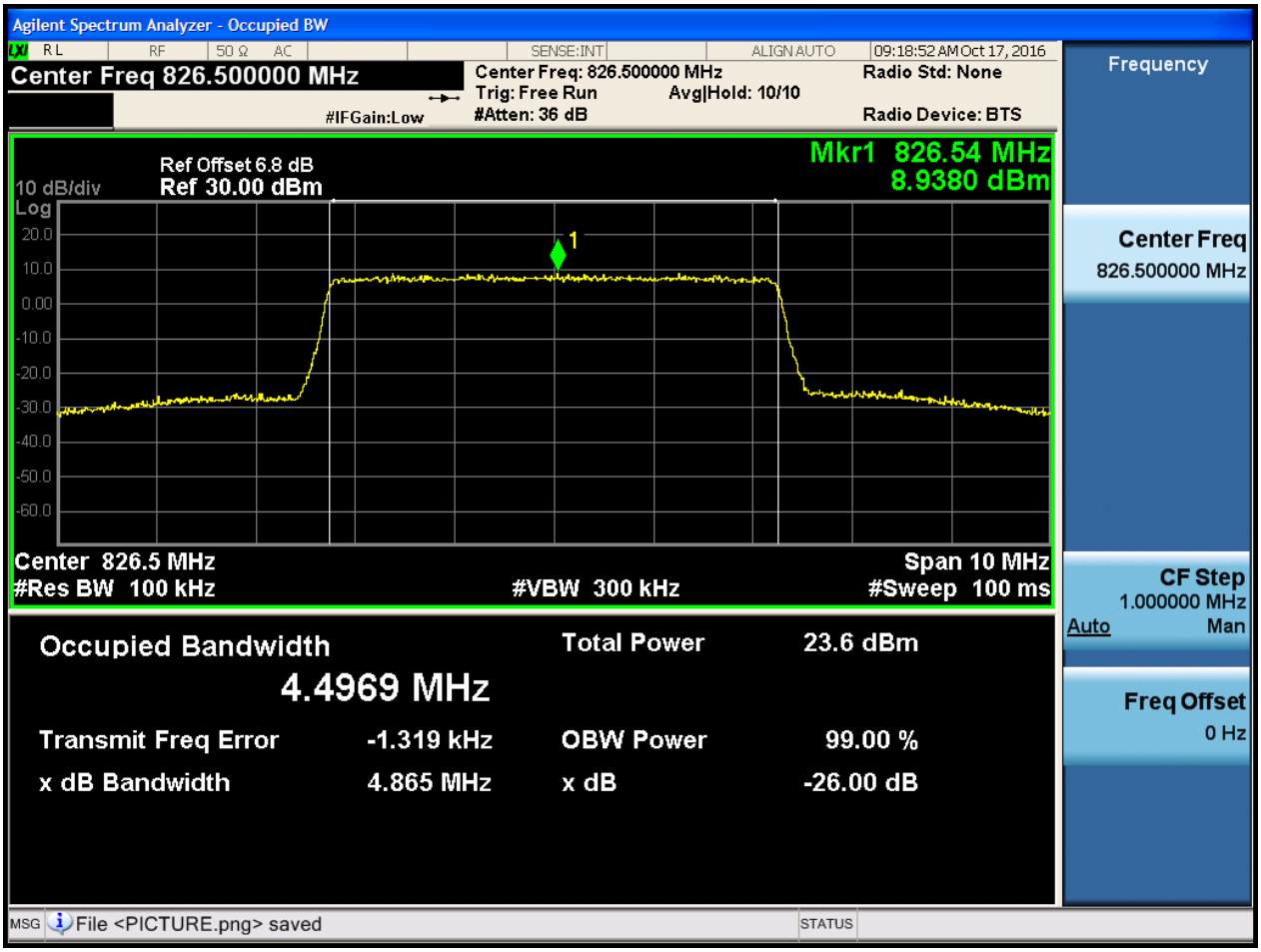


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

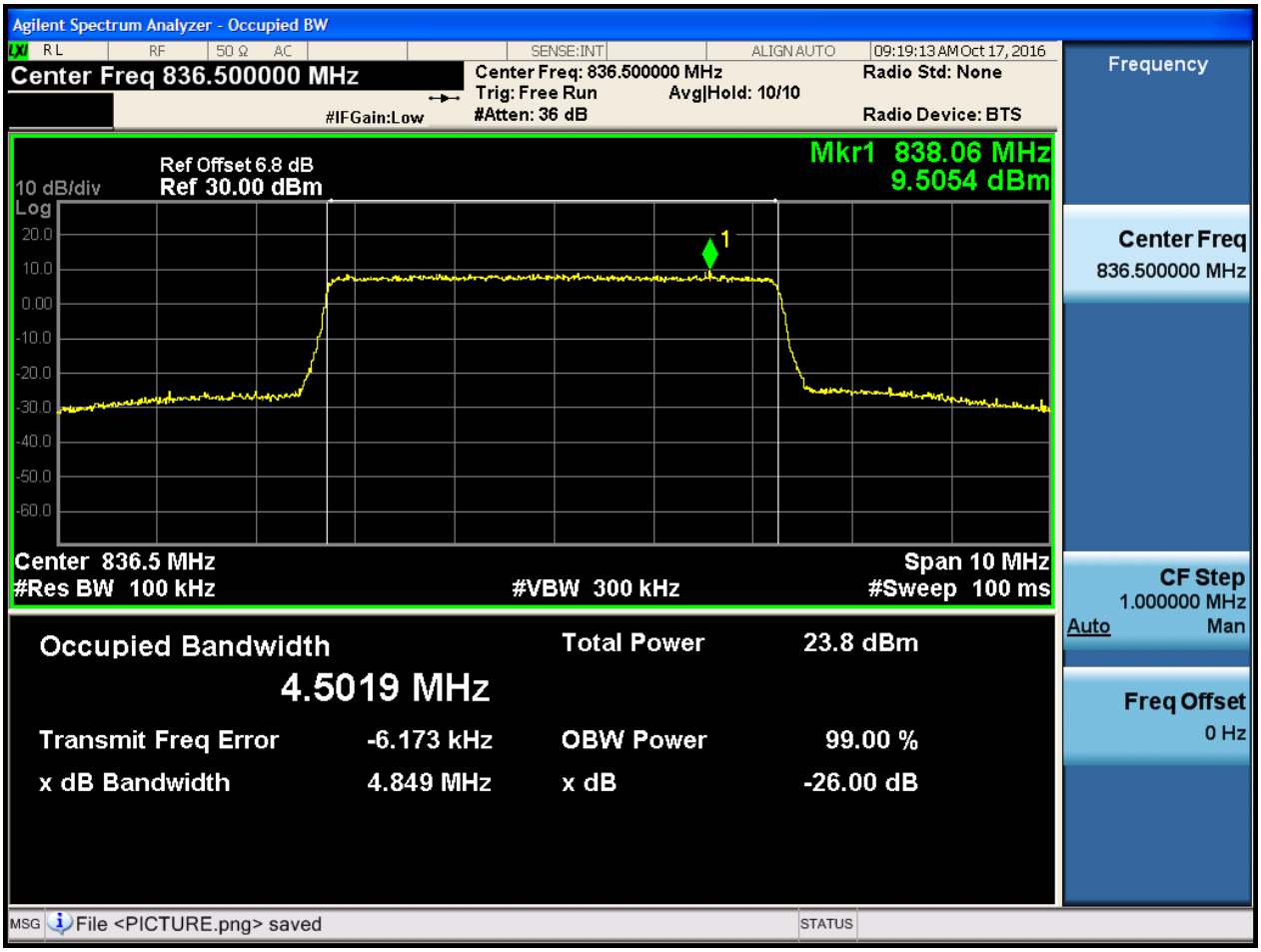
4.1.1.2.3.1.1 Test RB = RB25#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.3.2 Test Channel = MCH

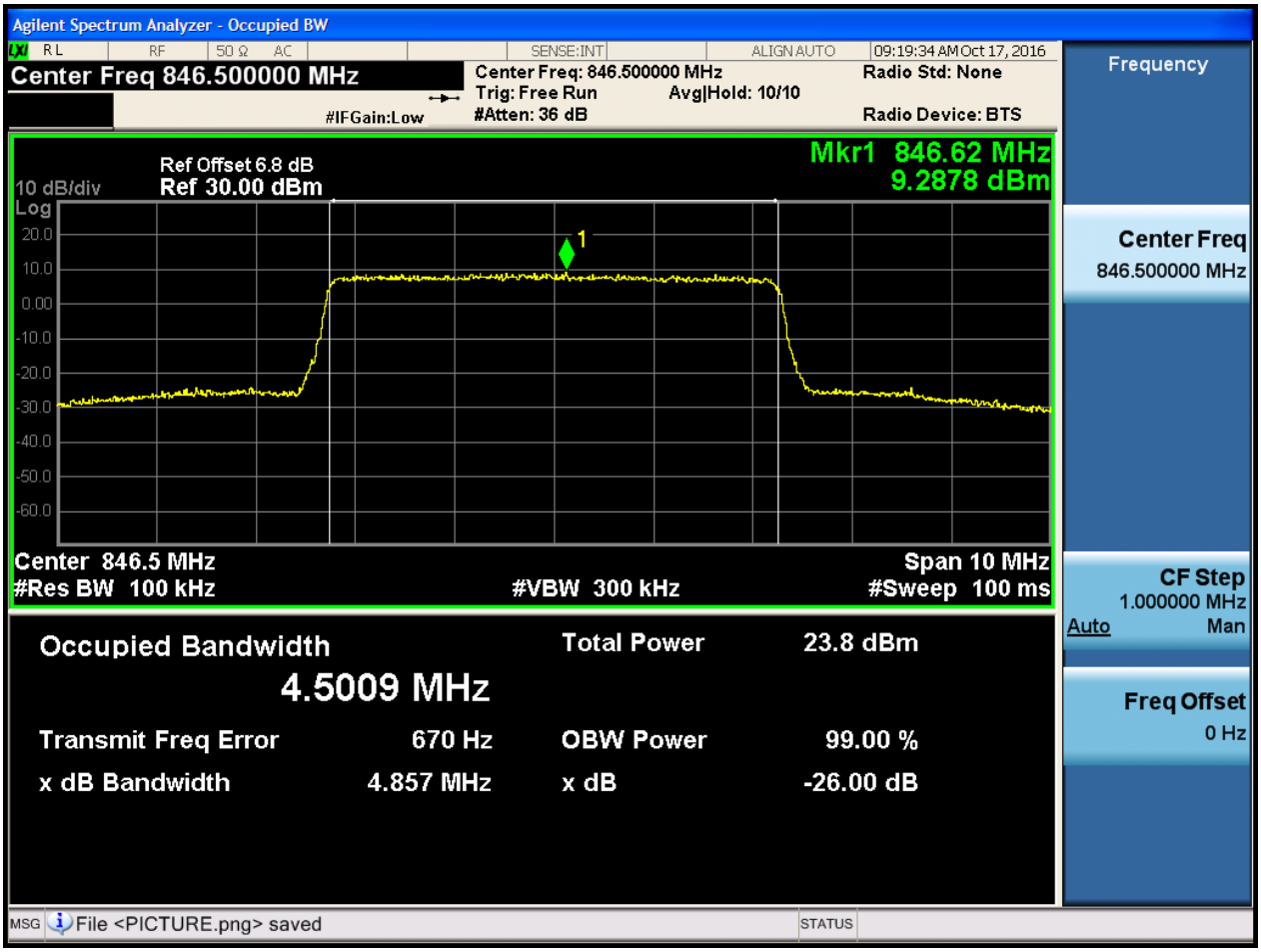
4.1.1.2.3.2.1 Test RB = RB25#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

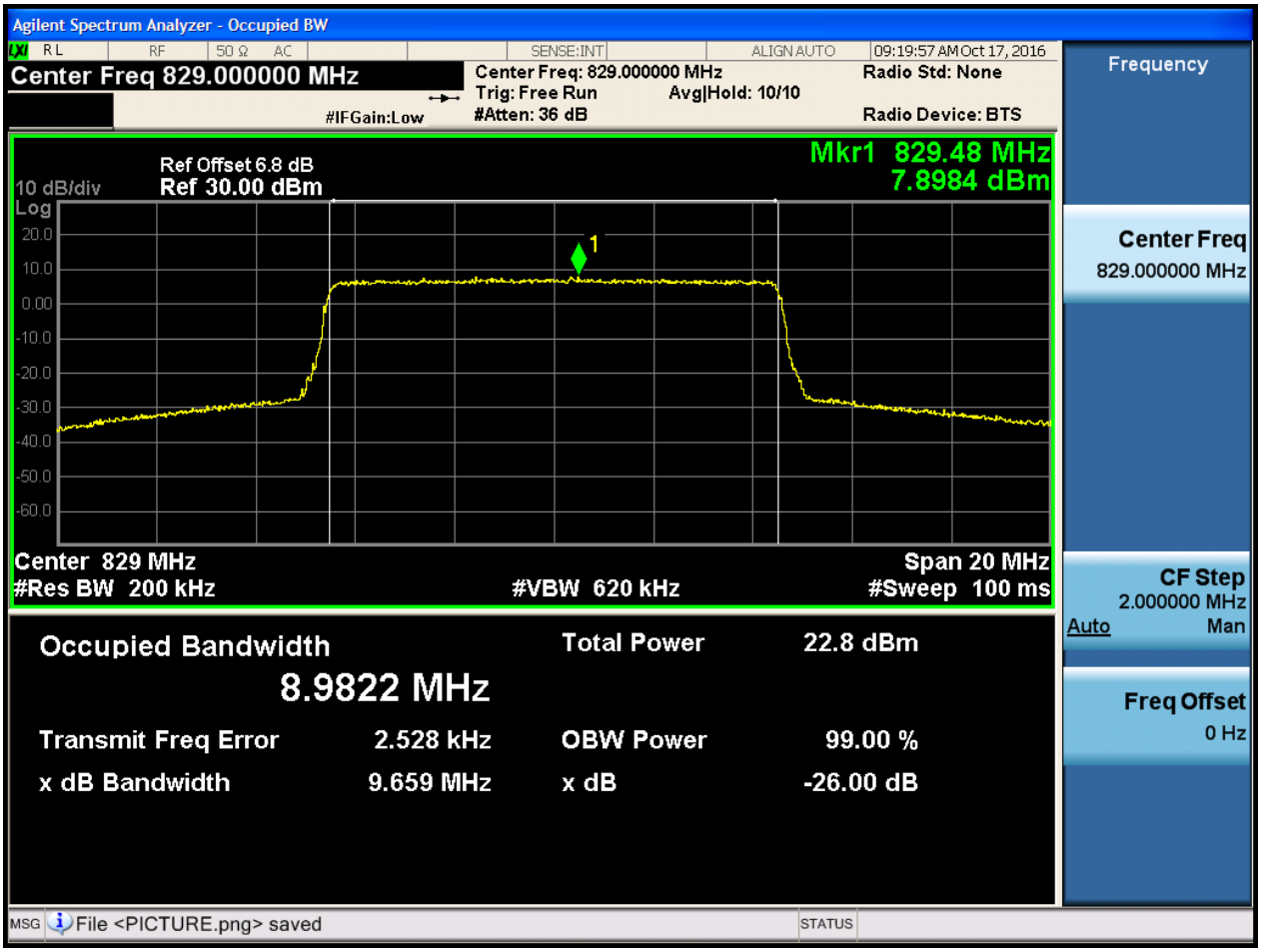


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

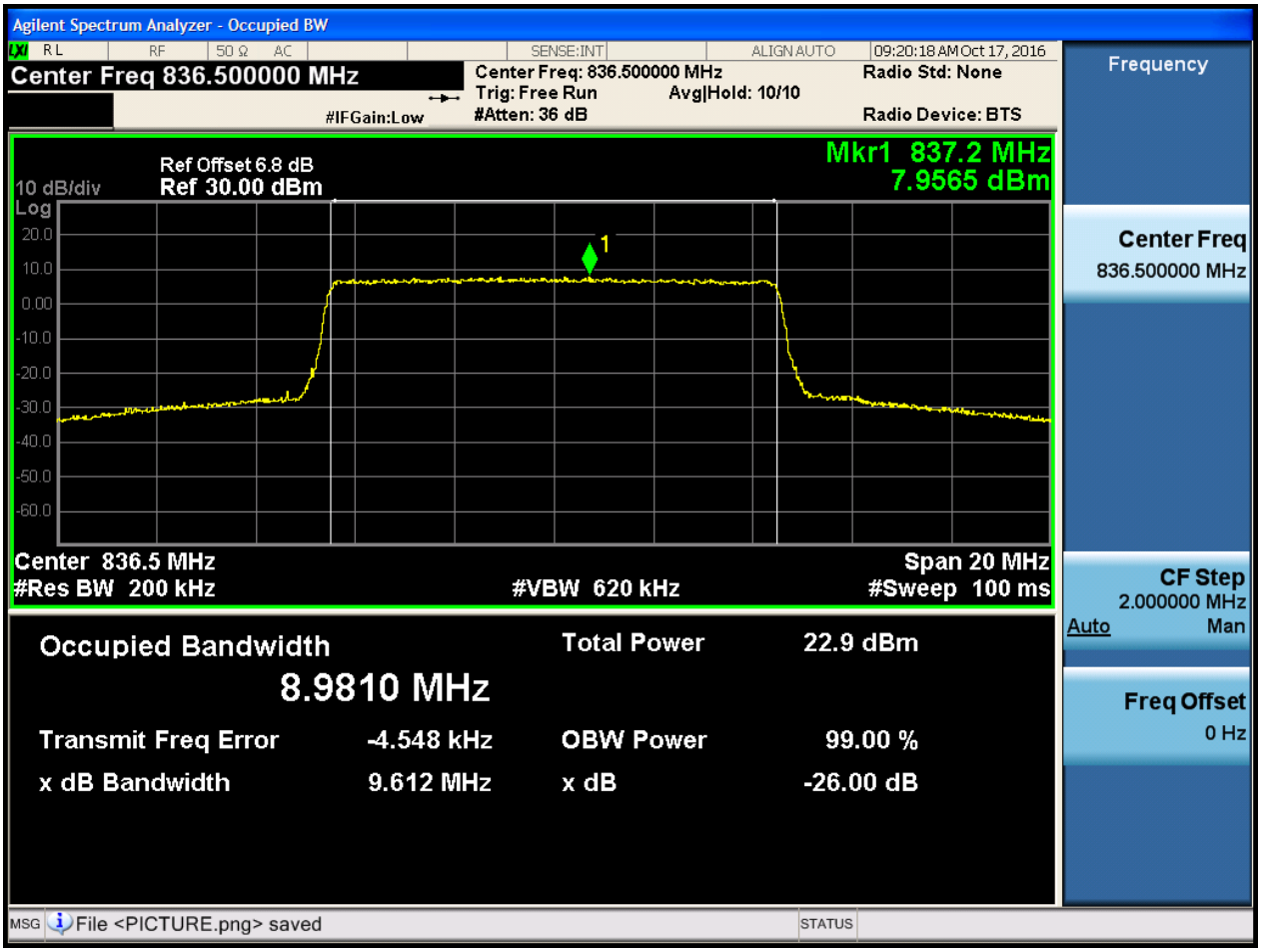
4.1.1.2.4.1.1 Test RB = RB50#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.4.2 Test Channel = MCH

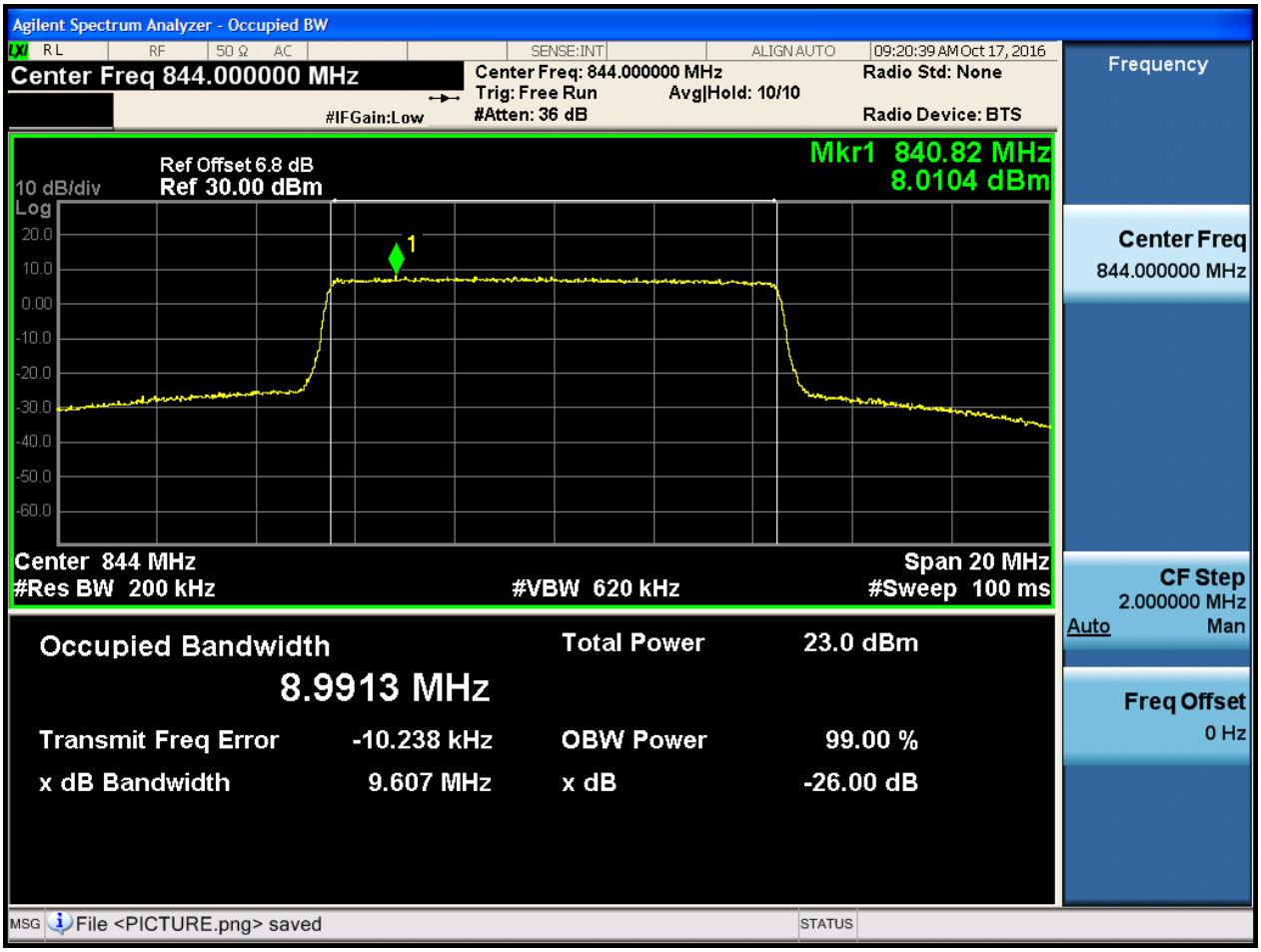
4.1.1.2.4.2.1 Test RB = RB50#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

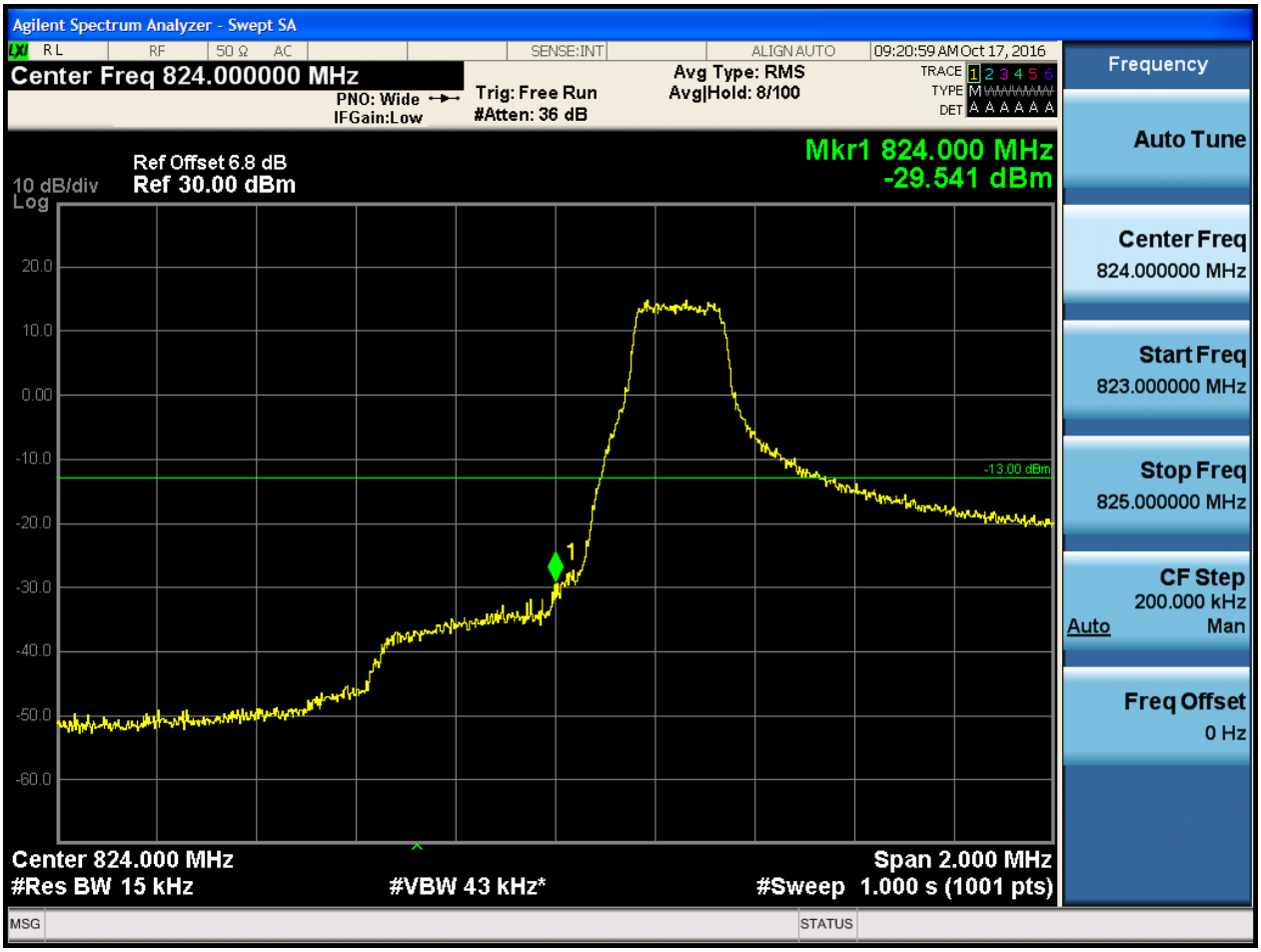
5.1.1 Test Band = BAND5

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0

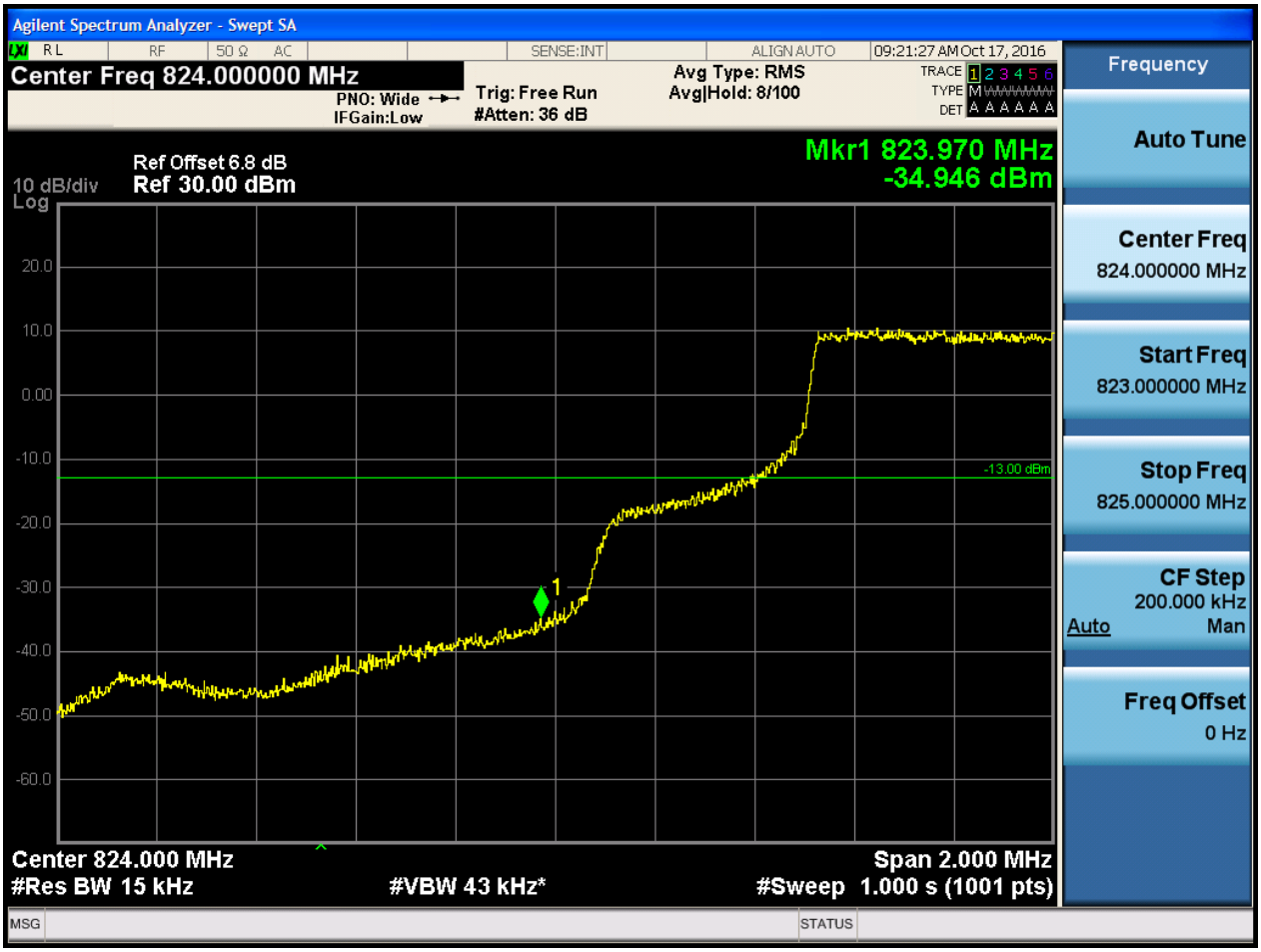


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.1.1.2 Test RB = RB1#5

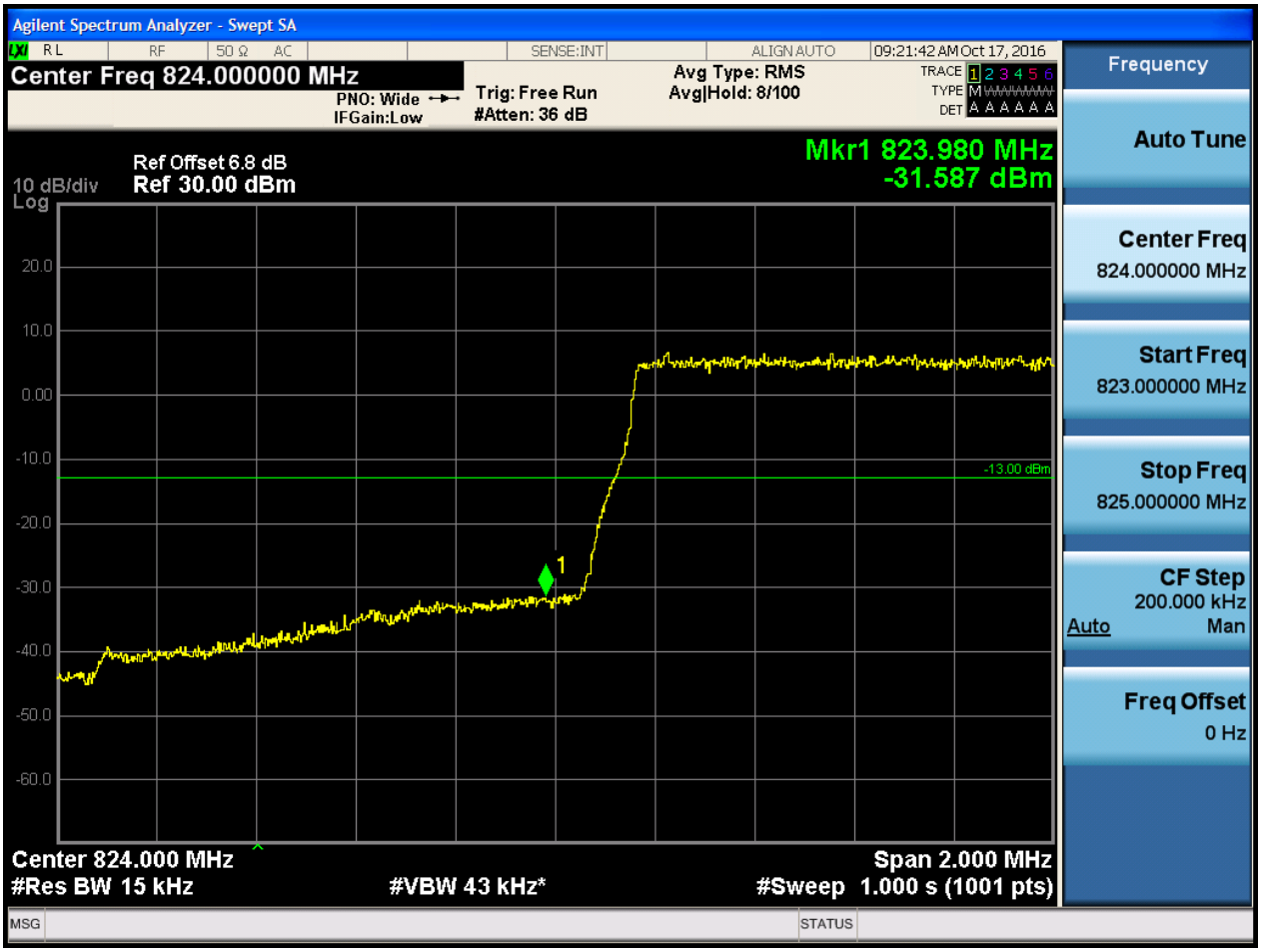
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.1.1.3 Test RB = RB3#2



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.1.1.4 Test RB = RB6#0



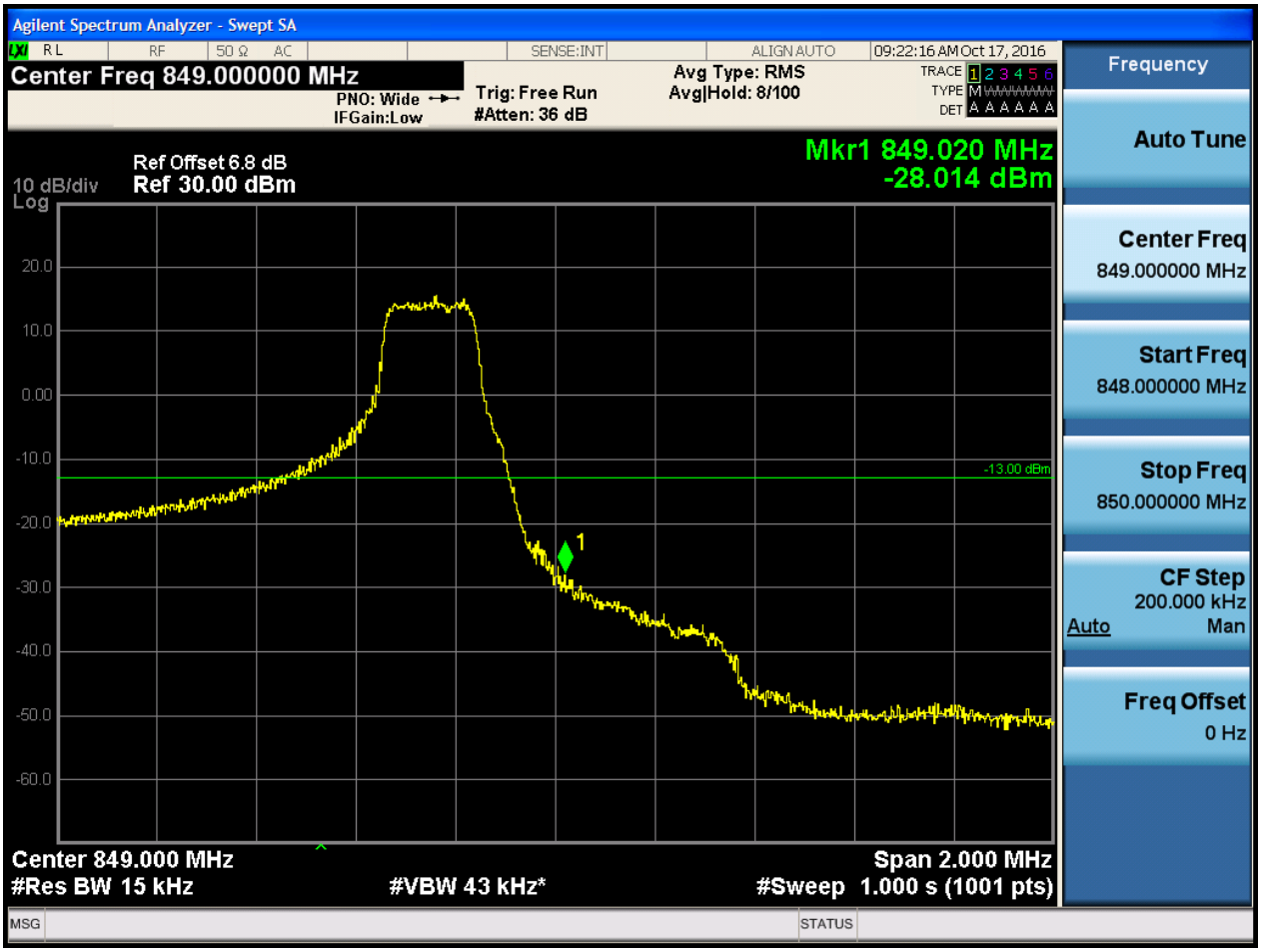
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.1.2.2 Test RB = RB1#5



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.1.2.3 Test RB = RB3#2

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

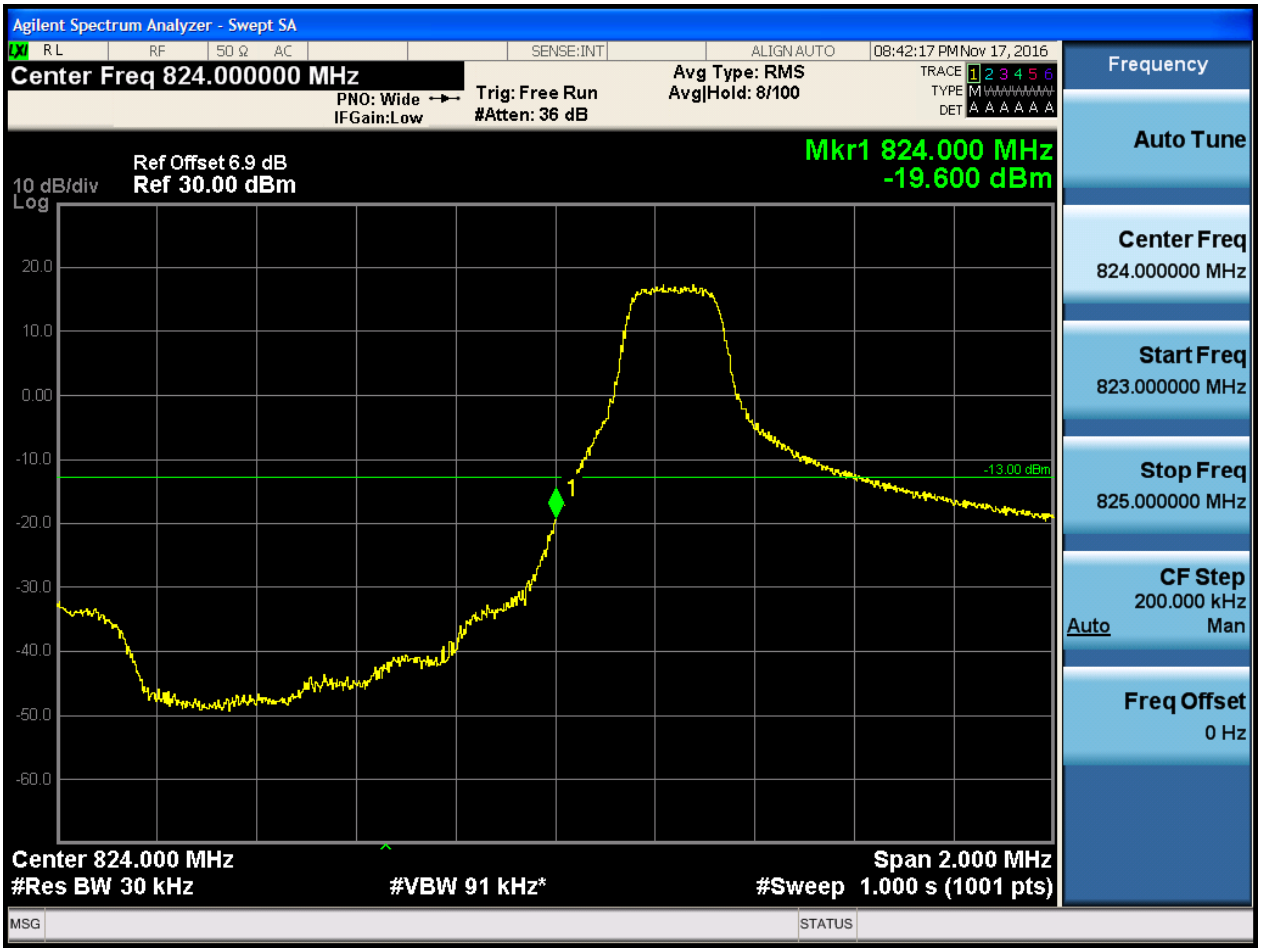
5.1.1.1.1.2.4 Test RB = RB6#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.2 Test Bandwidth = 3

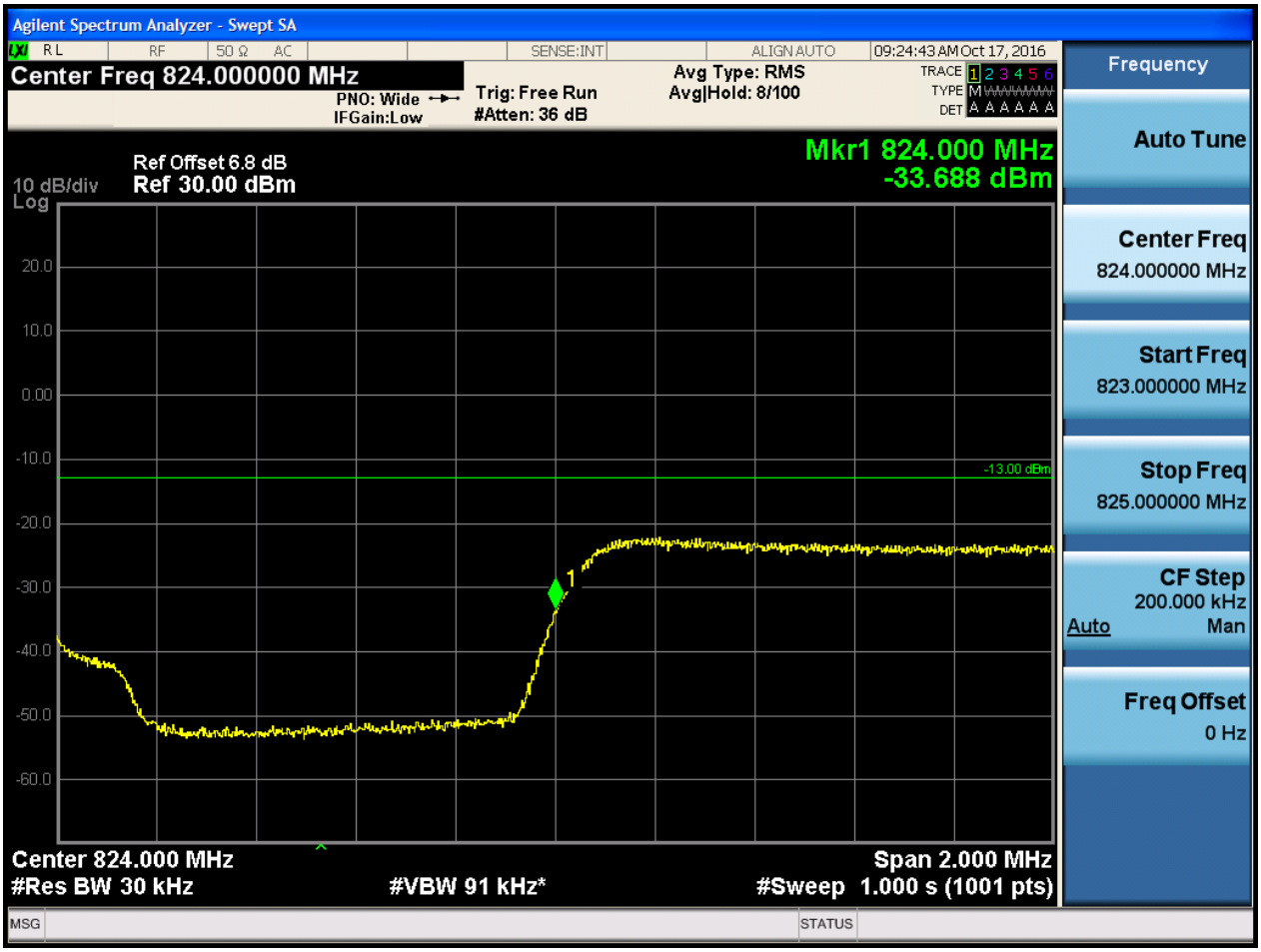
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



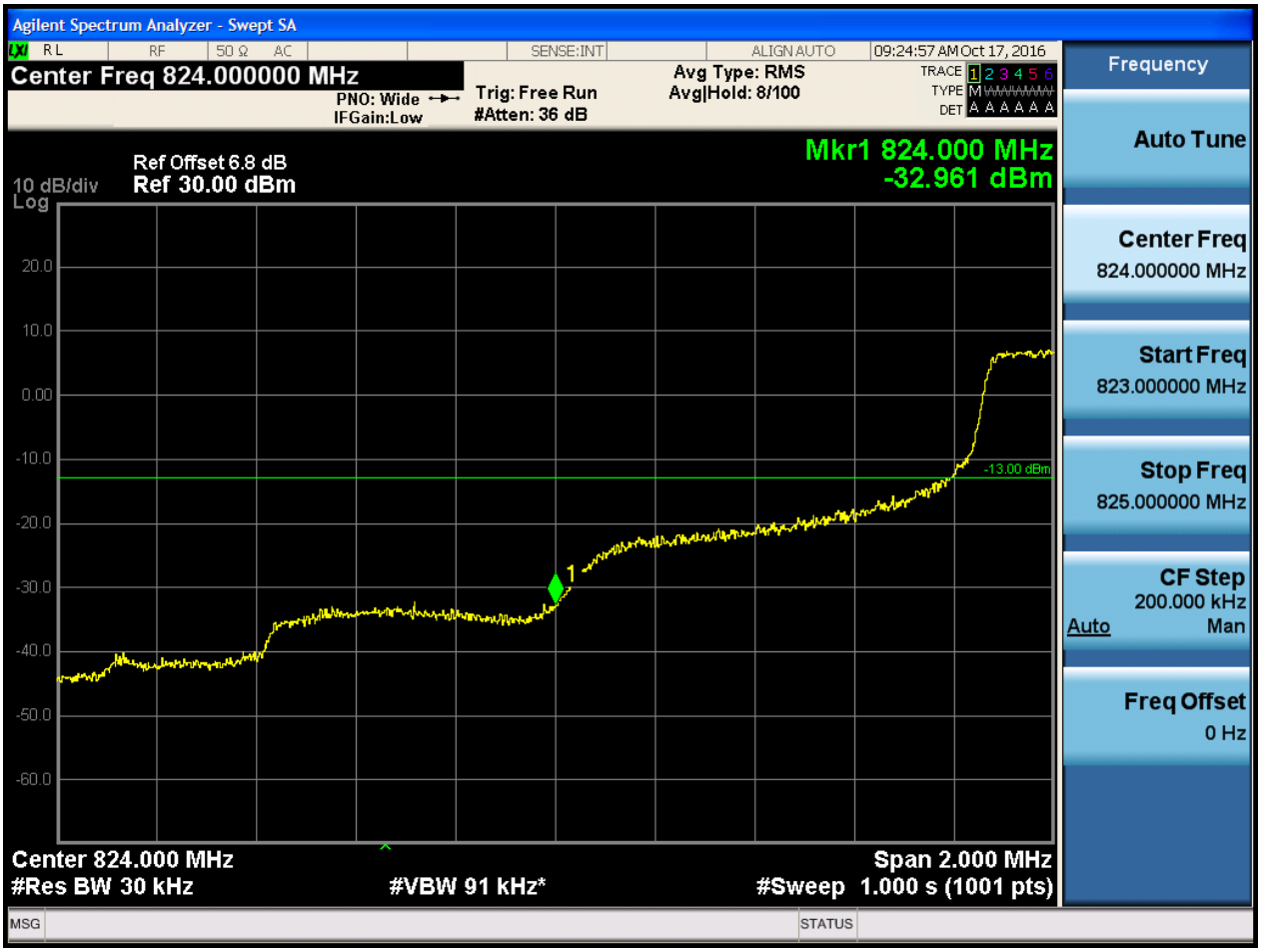
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.2.1.2 Test RB = RB1#14



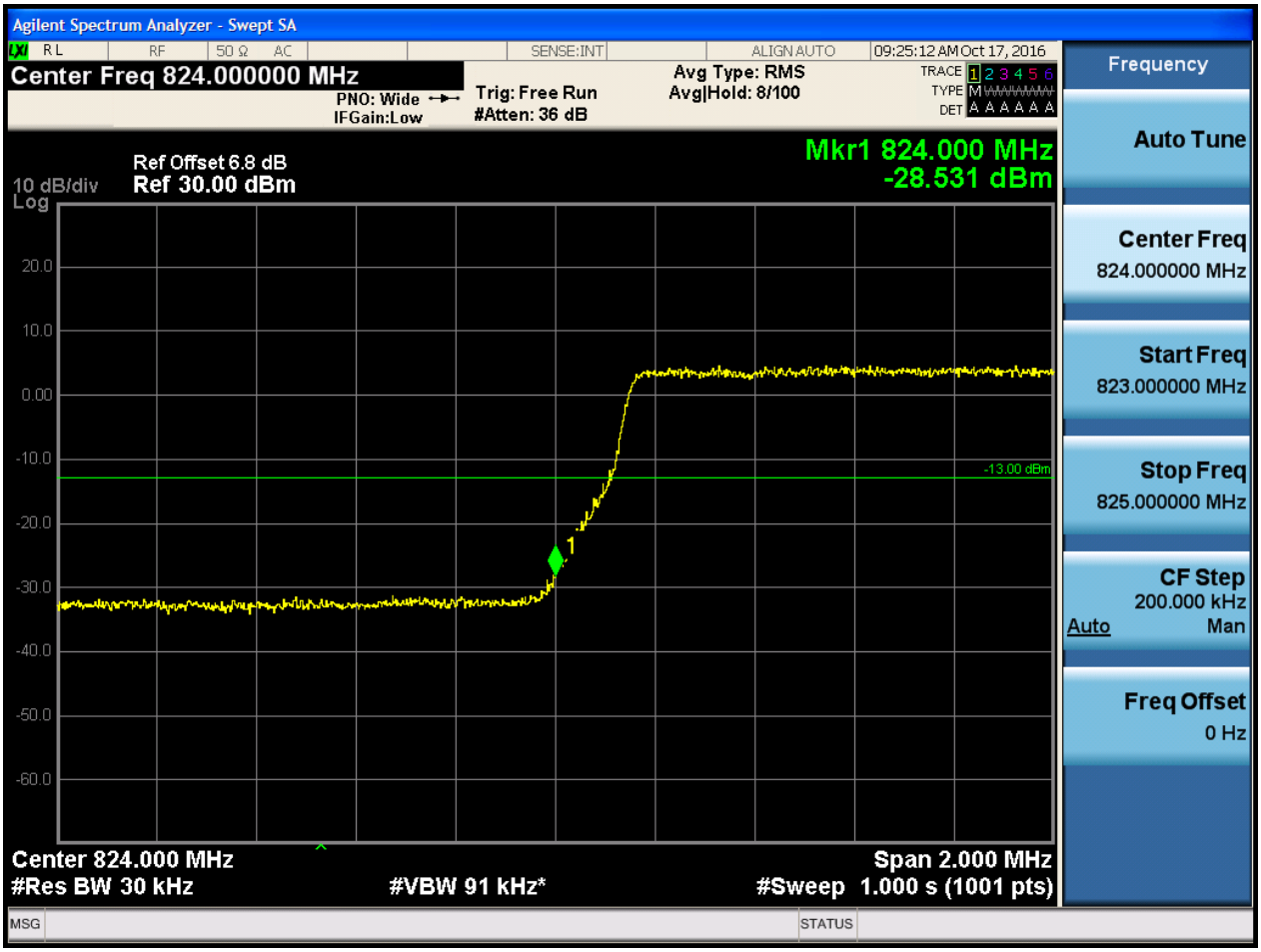
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.2.1.3 Test RB = RB8#4



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

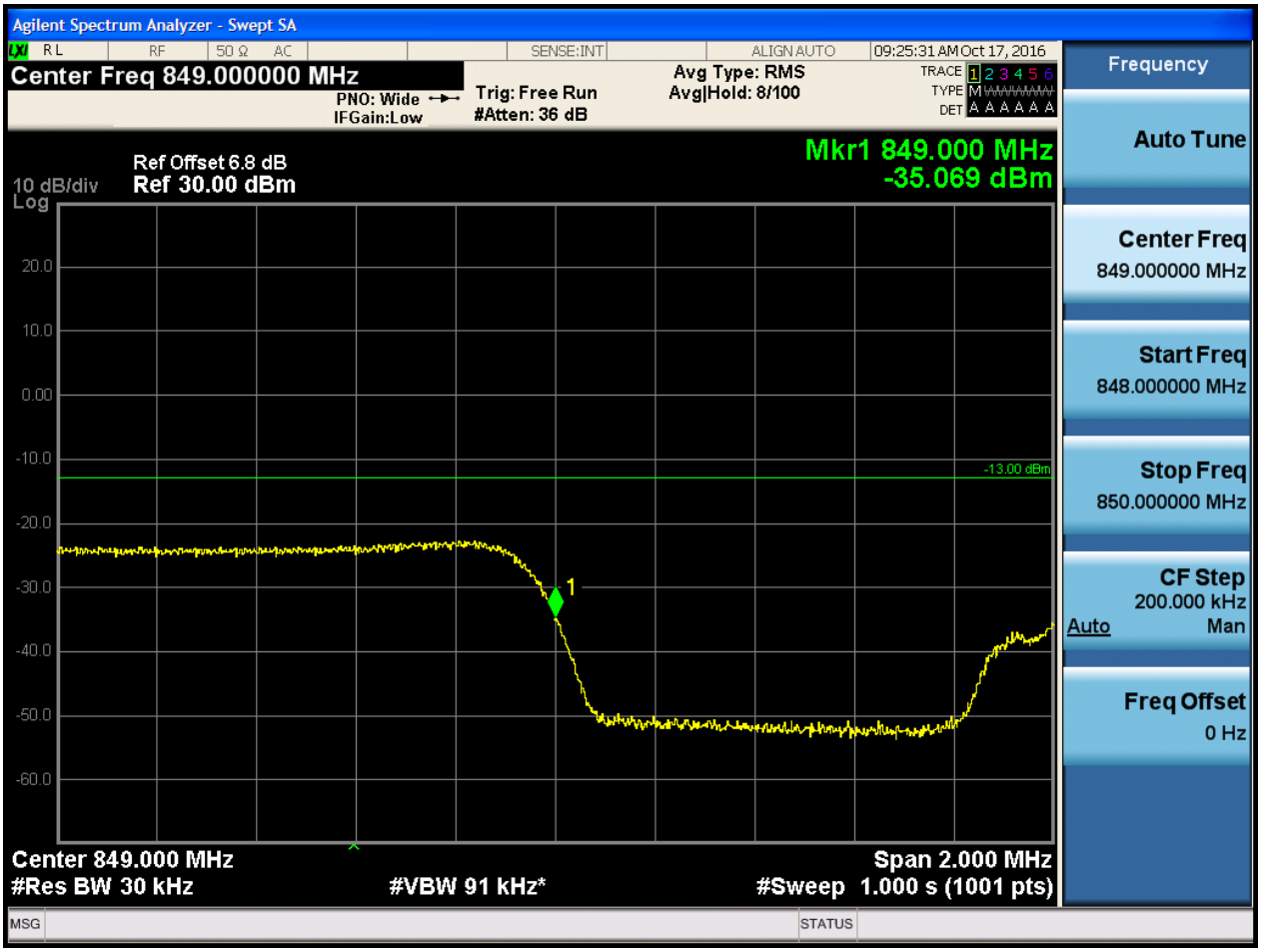
5.1.1.1.2.1.4 Test RB = RB15#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

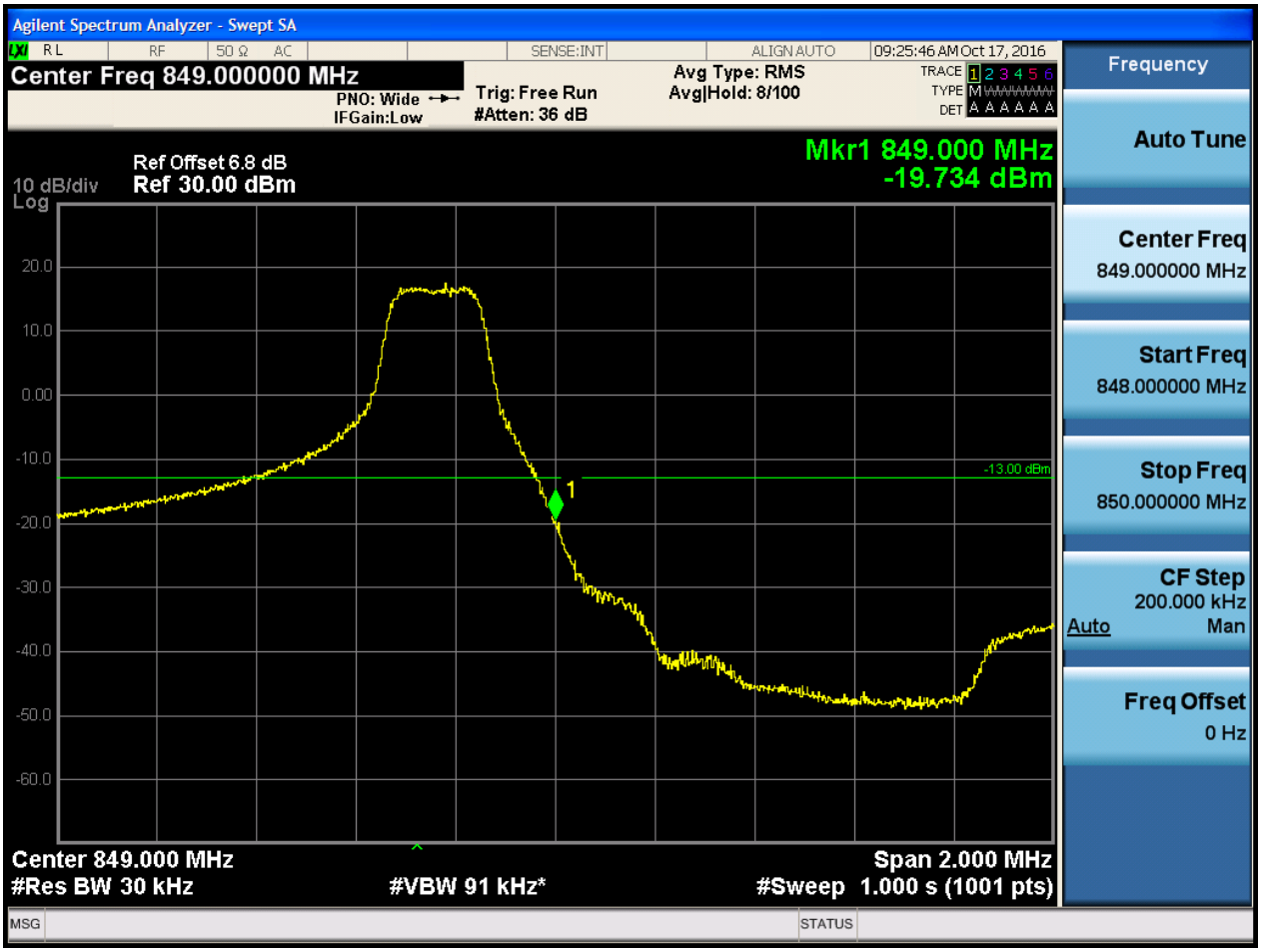
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.2.2.2 Test RB = RB1#14

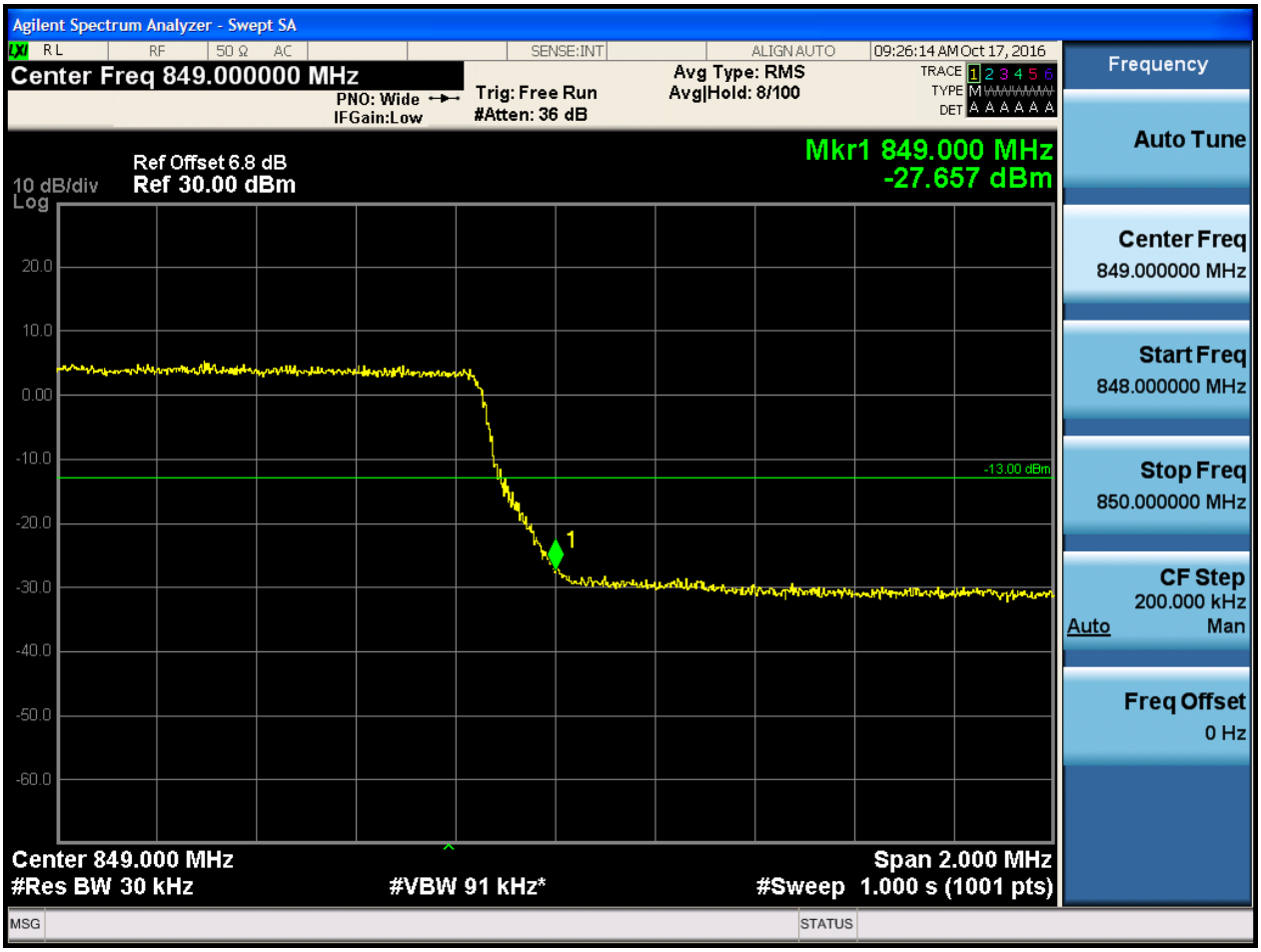


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.2.2.3 Test RB = RB8#4

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.2.2.4 Test RB = RB15#0

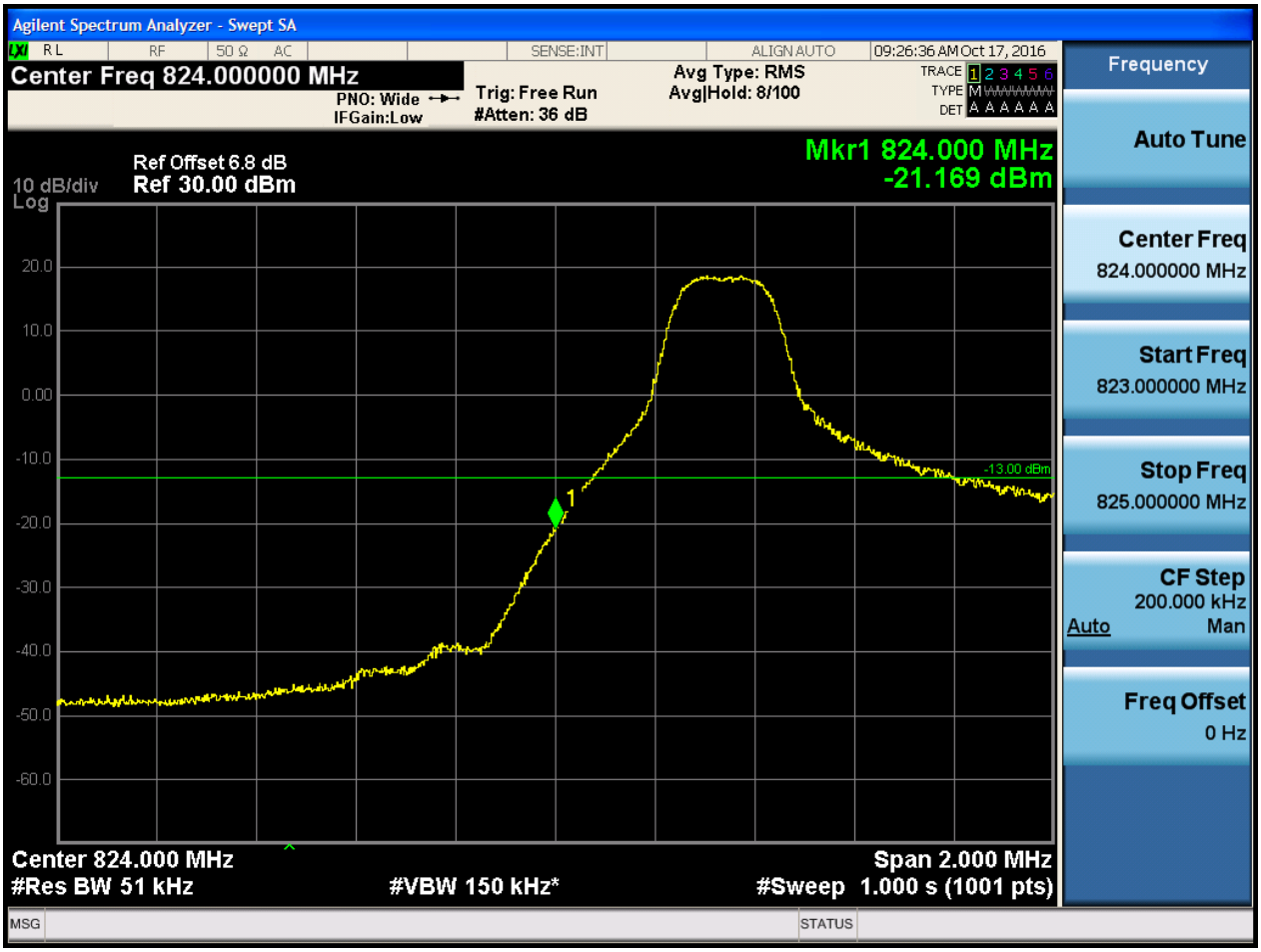


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.3 Test Bandwidth = 5

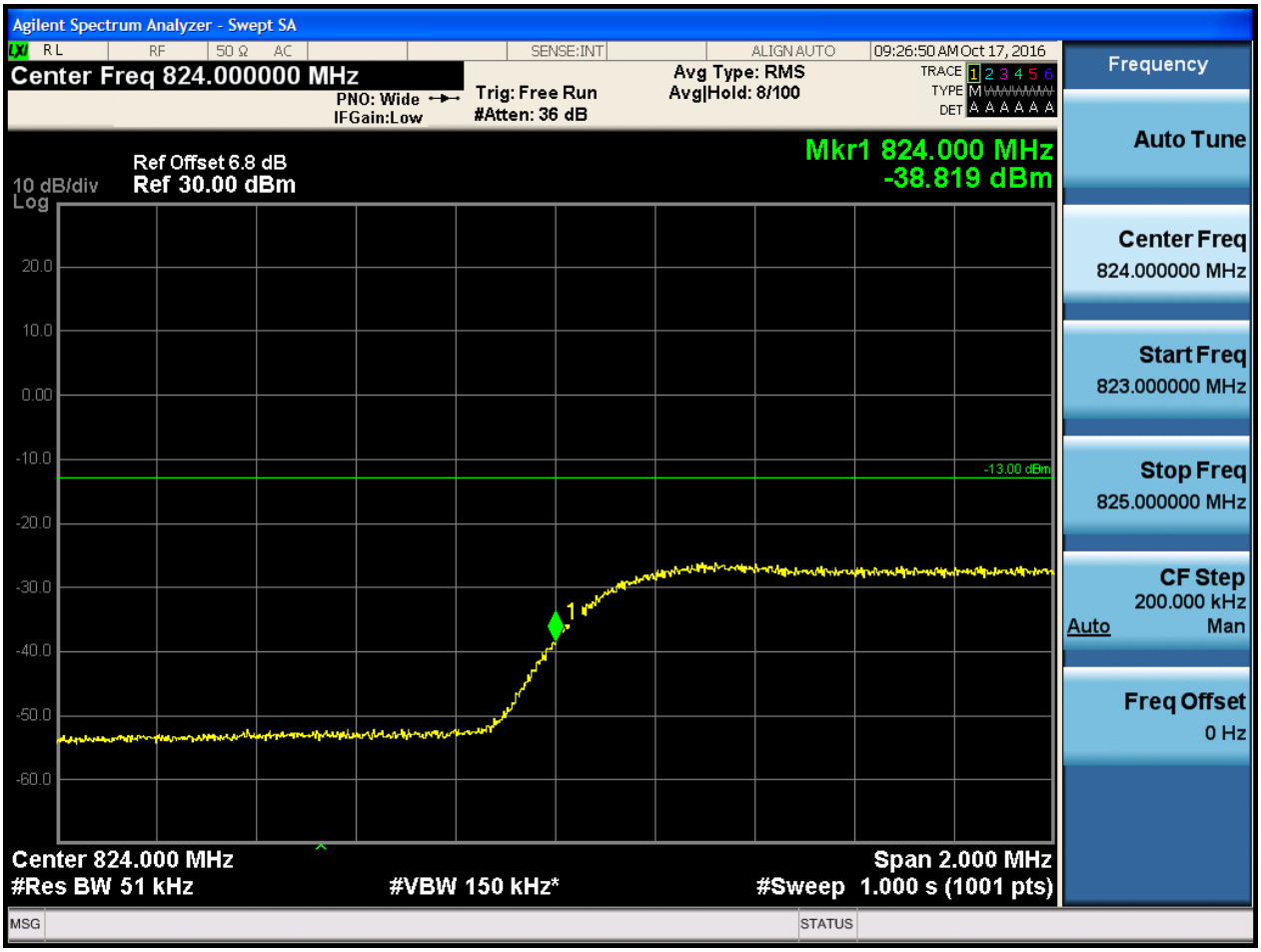
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



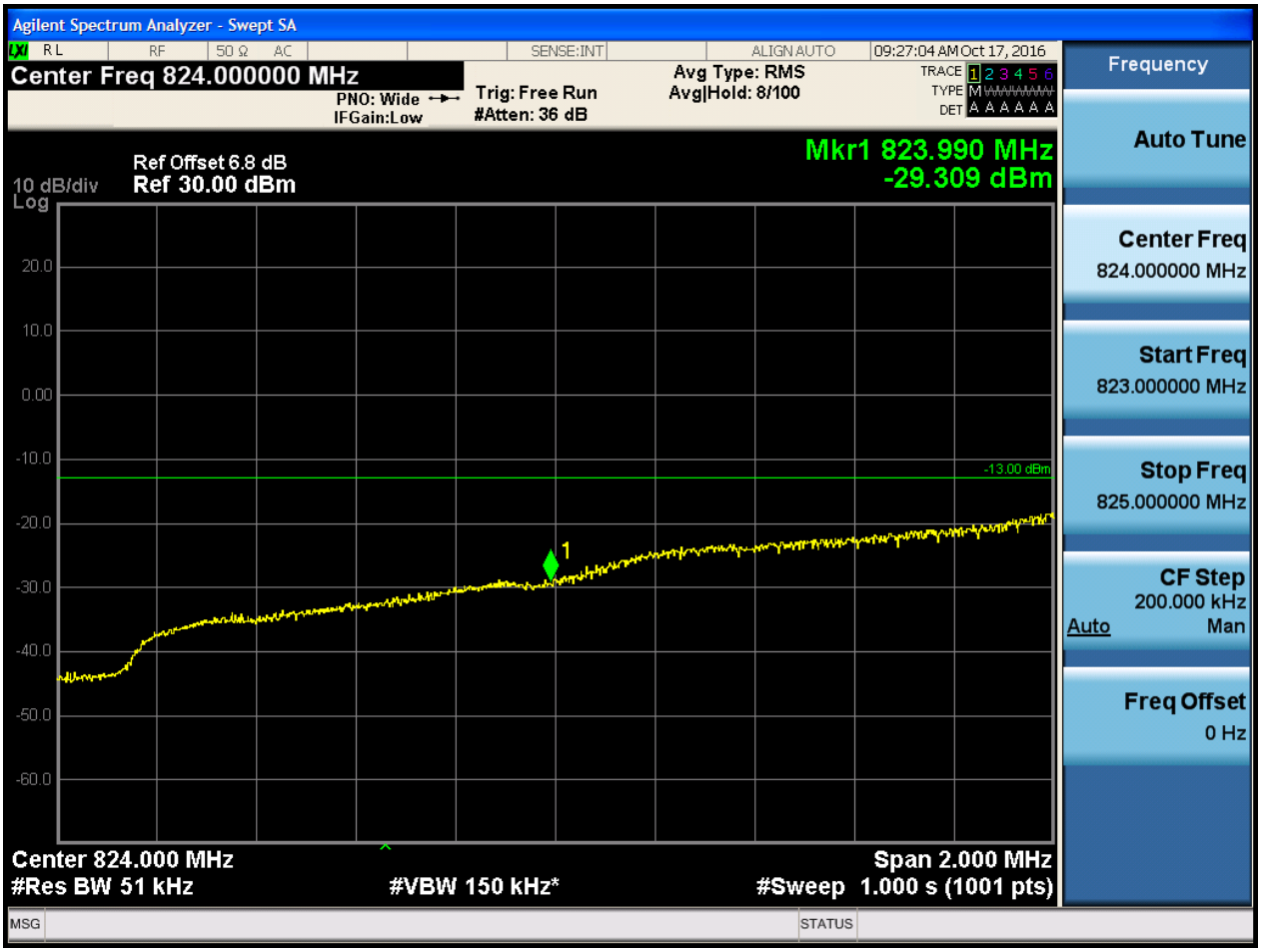
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.3.1.2 Test RB = RB1#24



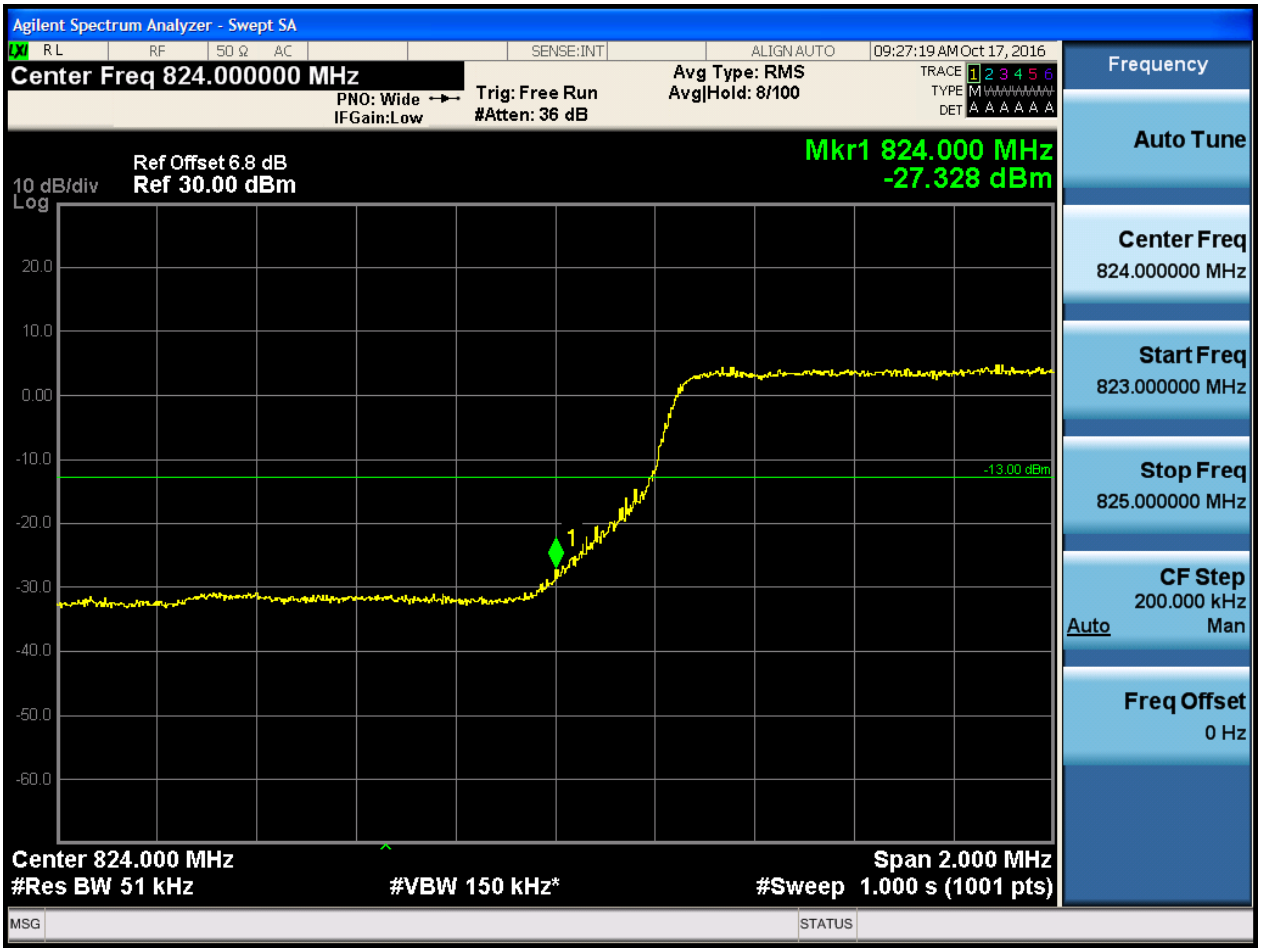
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.3.1.3 Test RB = RB12#6



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

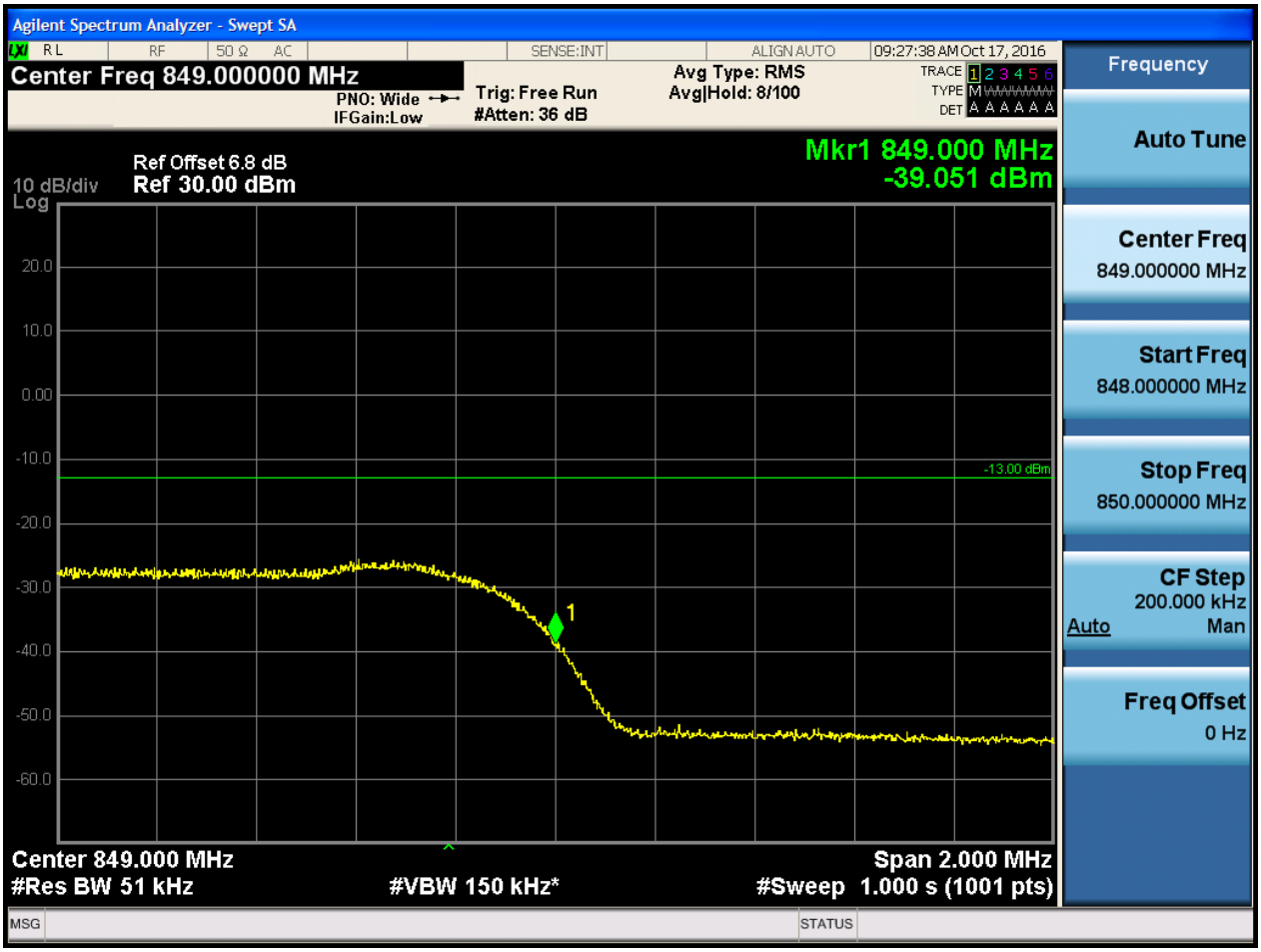
5.1.1.1.3.1.4 Test RB = RB25#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

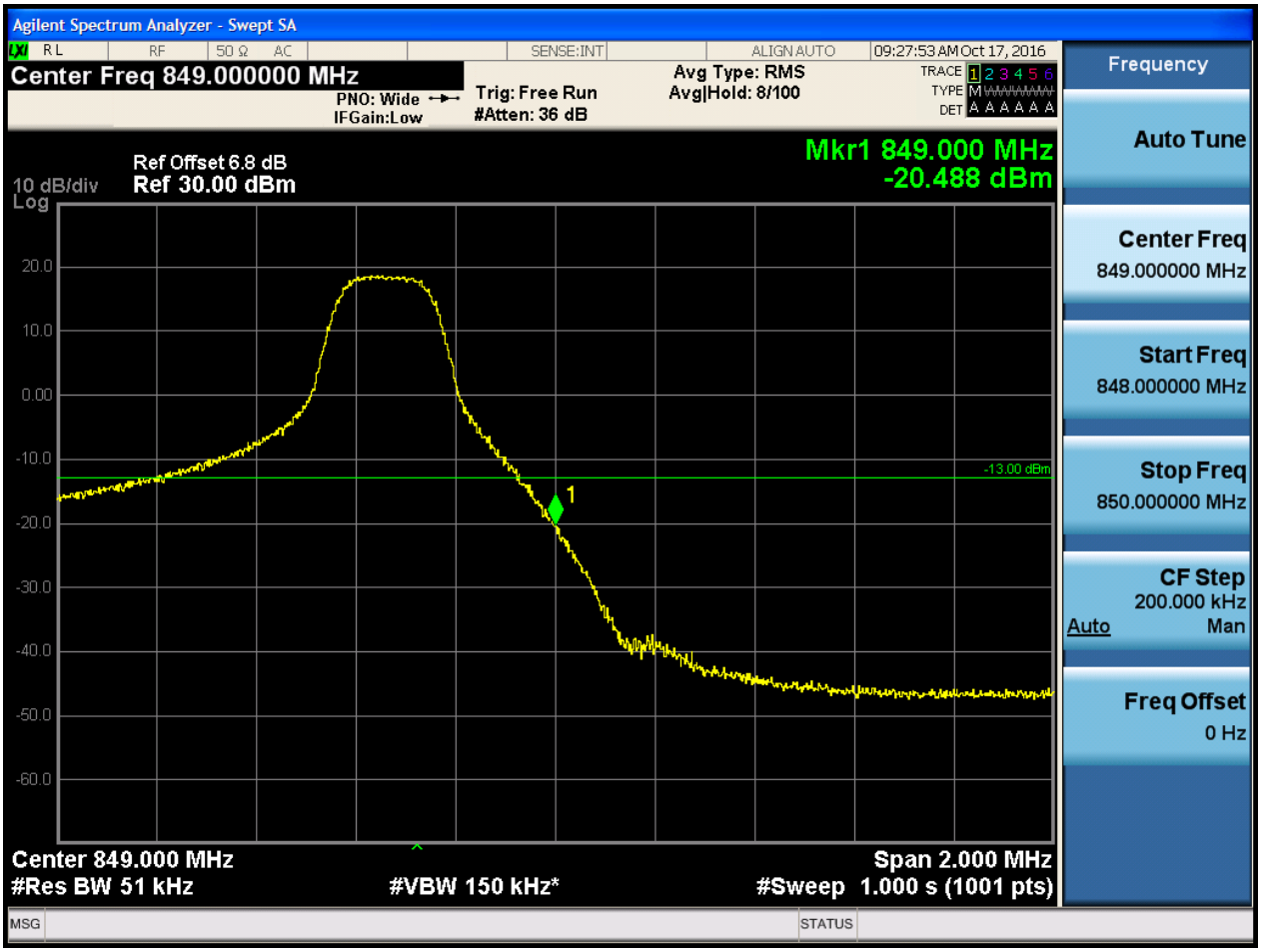
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.3.2.2 Test RB = RB1#24

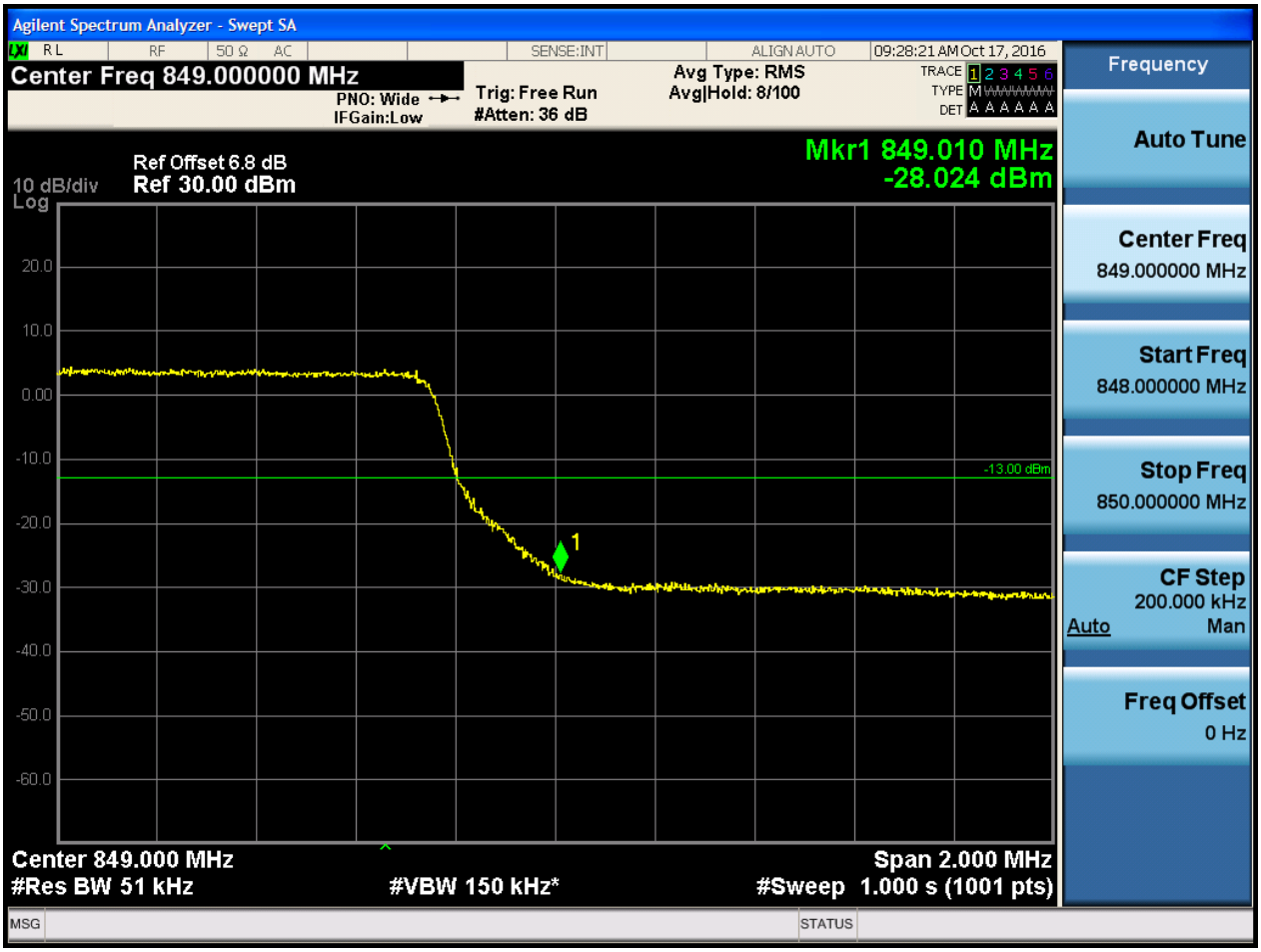


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.3.2.3 Test RB = RB12#6

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.3.2.4 Test RB = RB25#0

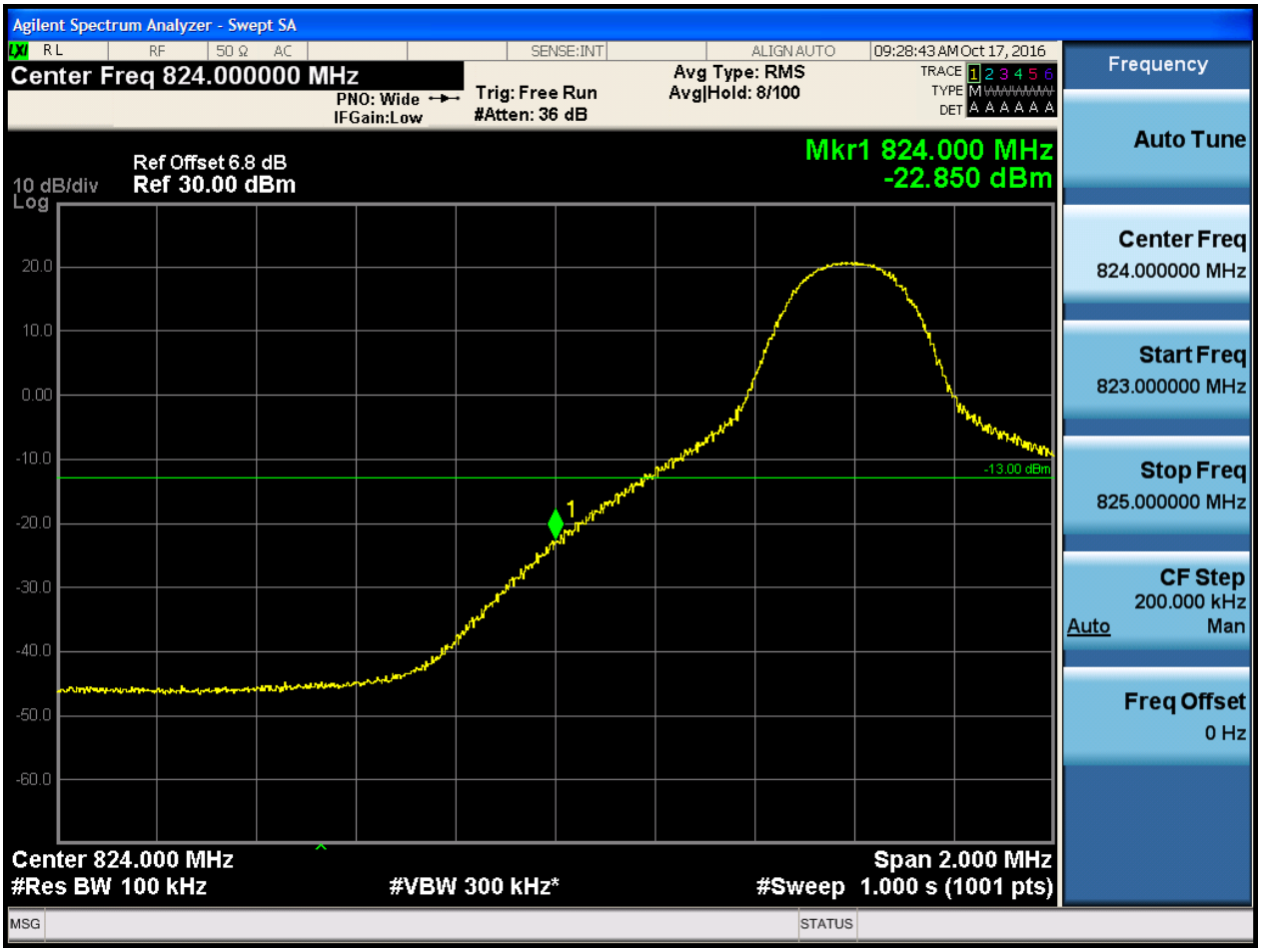


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.4 Test Bandwidth = 10

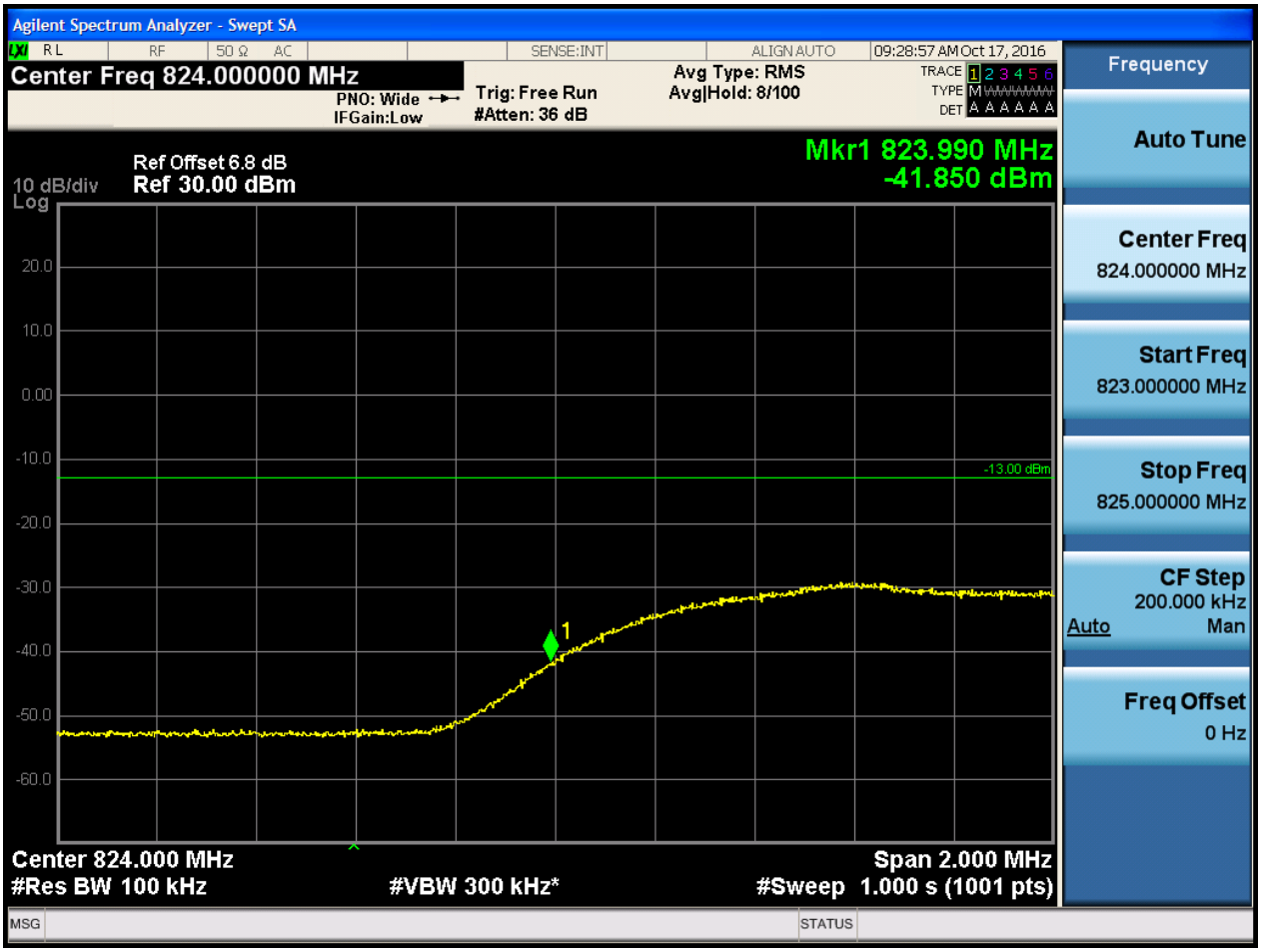
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



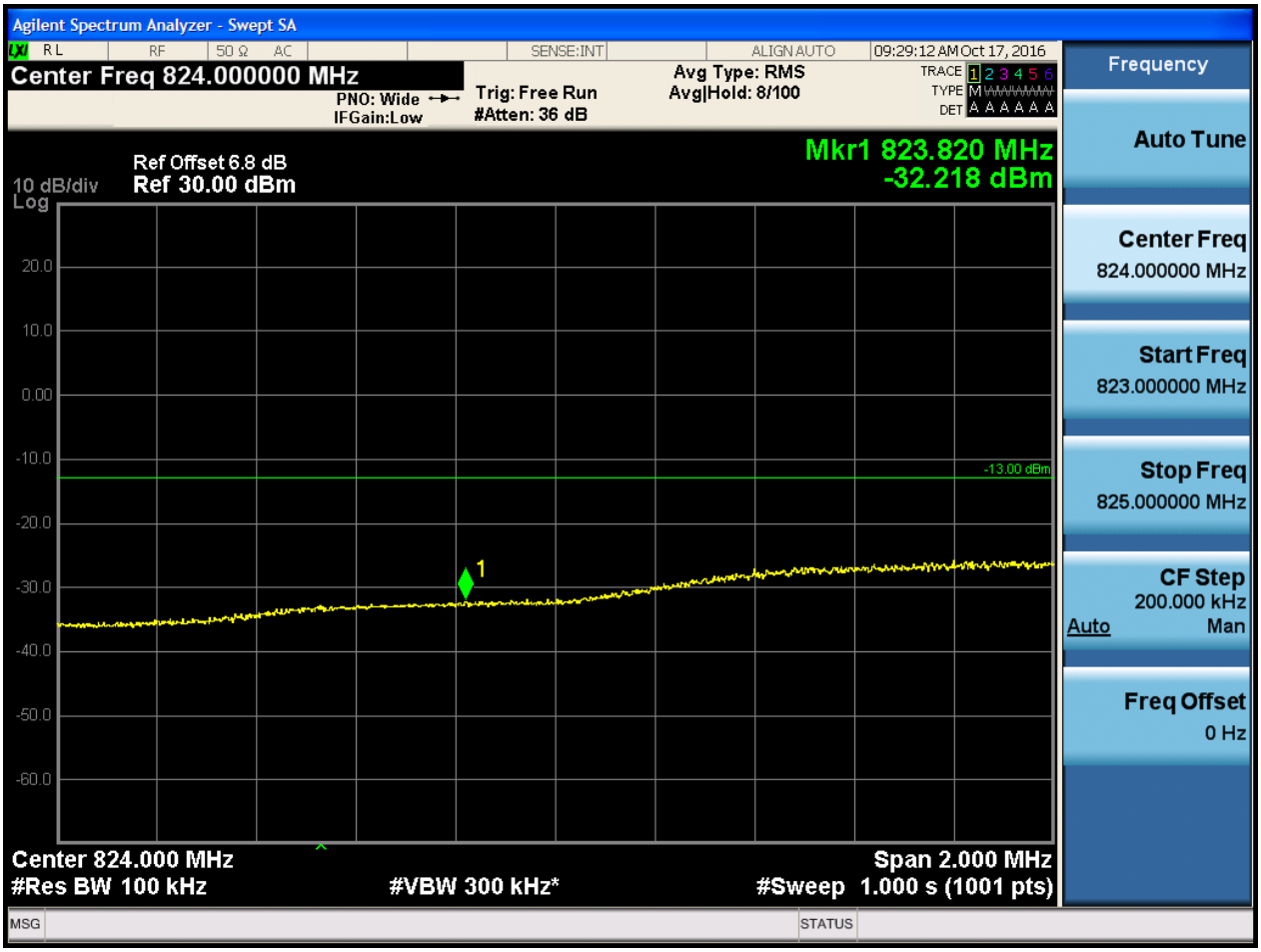
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.4.1.2 Test RB = RB1#49



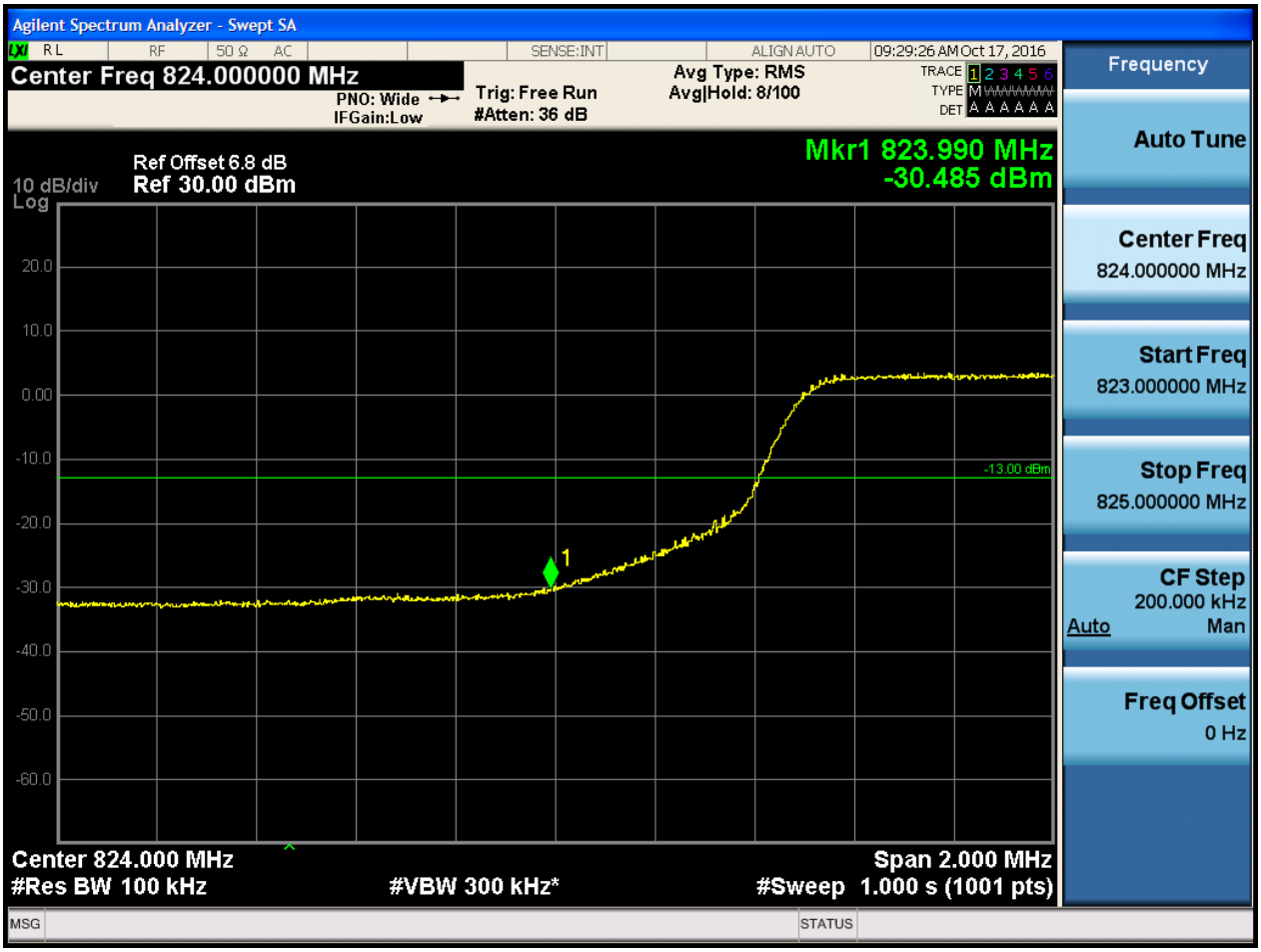
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.4.1.3 Test RB = RB25#13



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

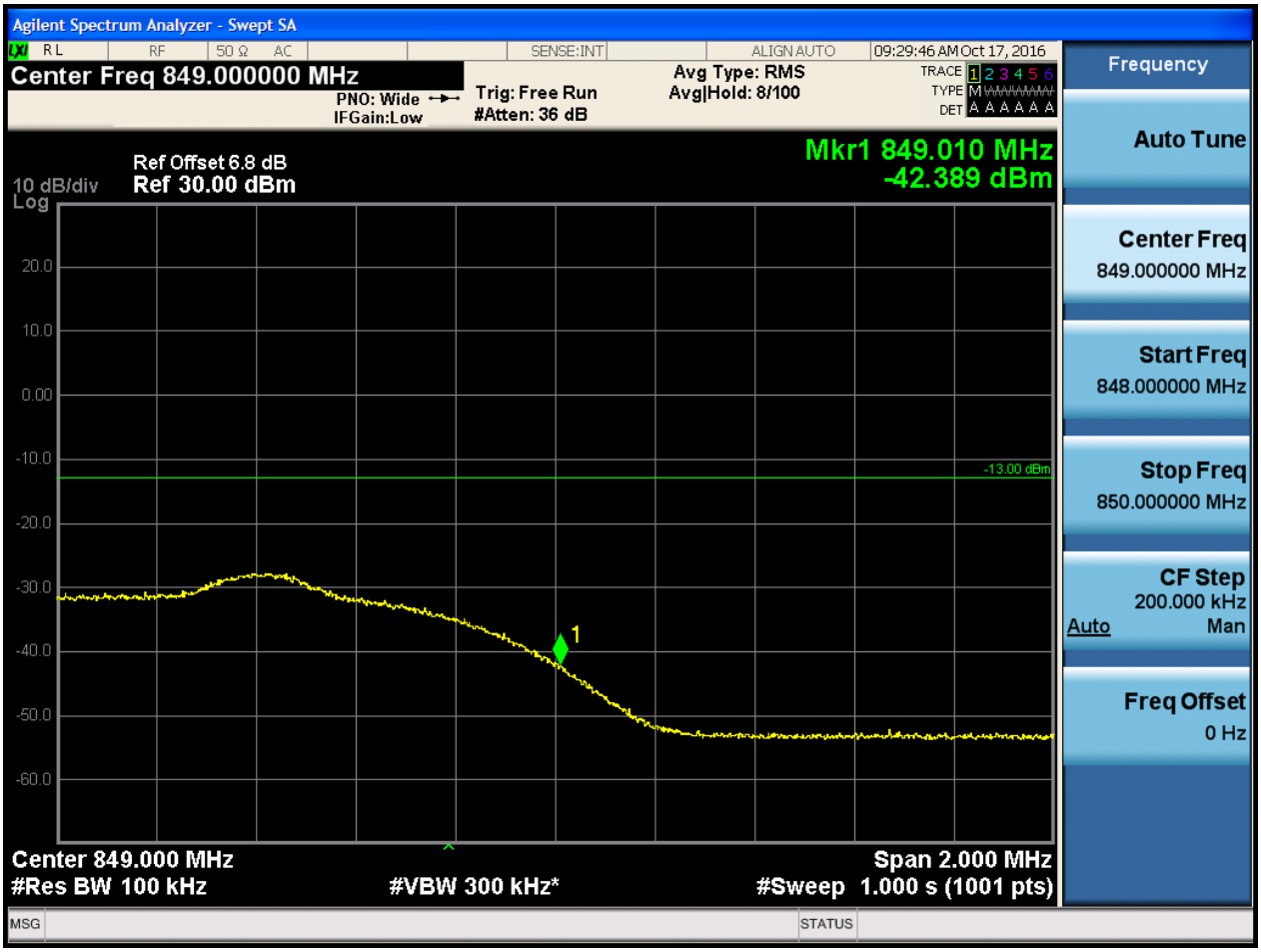
5.1.1.1.4.1.4 Test RB = RB50#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0

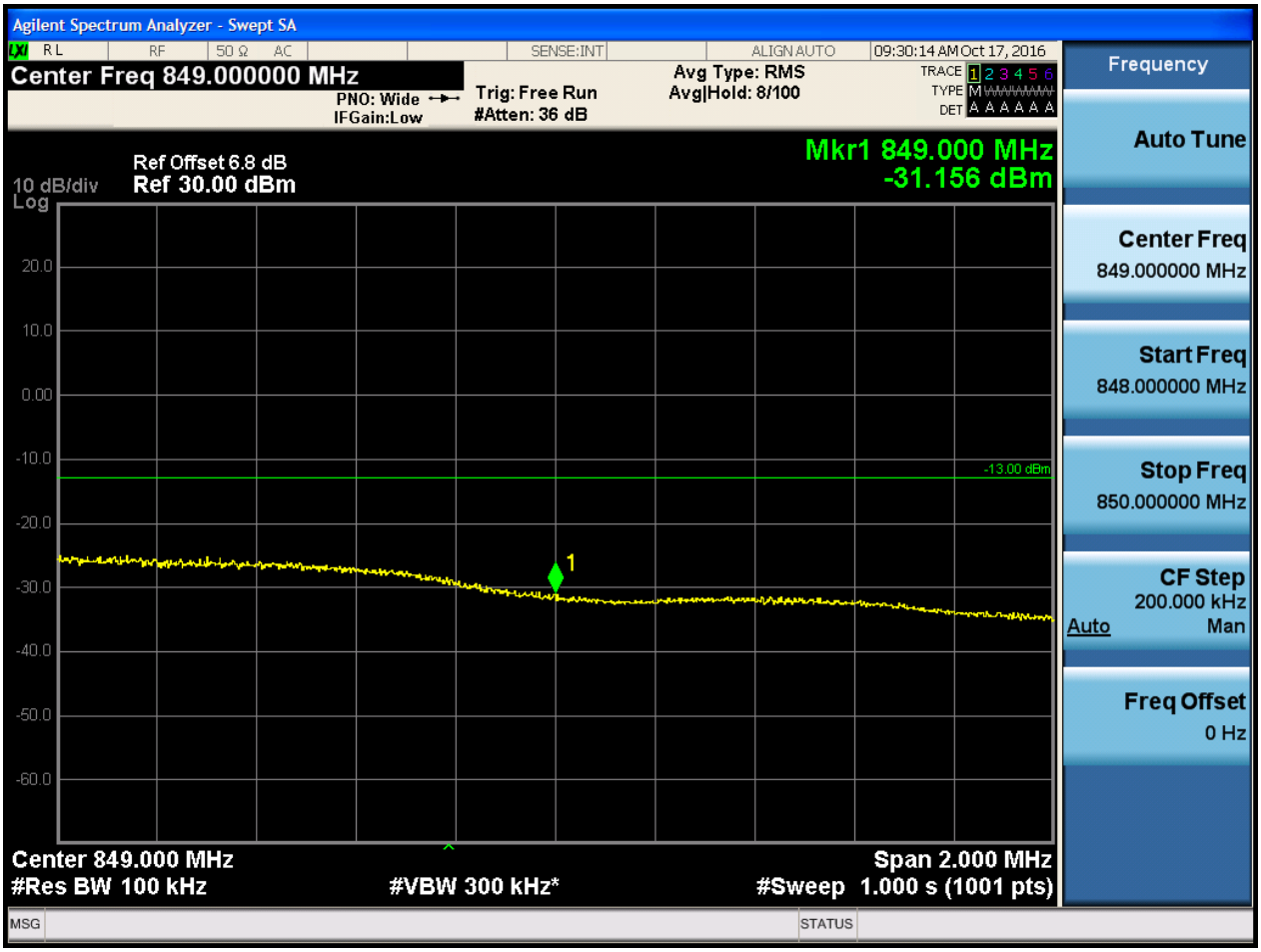


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.4.2.2 Test RB = RB1#49

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.4.2.3 Test RB = RB25#13



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.1.4.2.4 Test RB = RB50#0

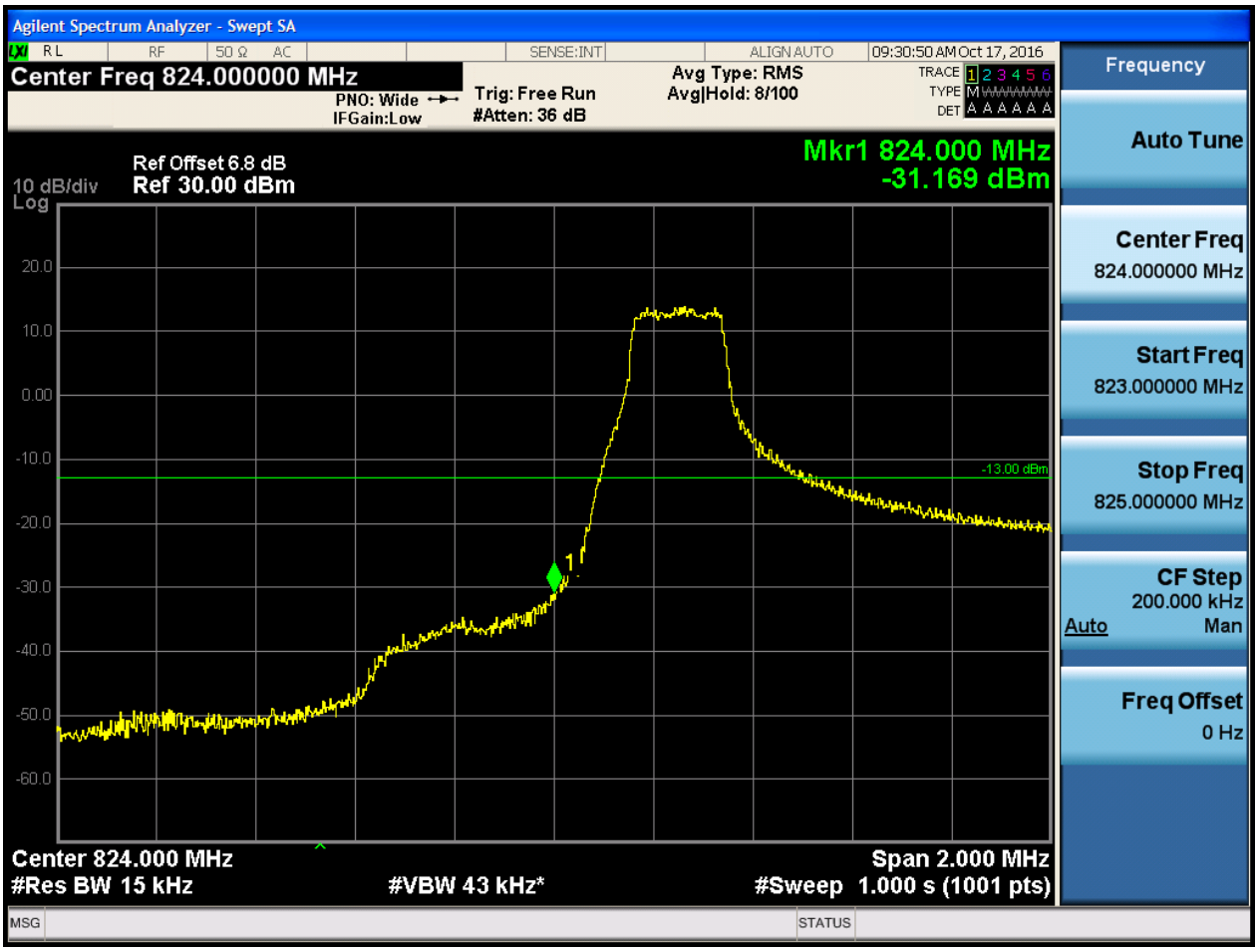
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0

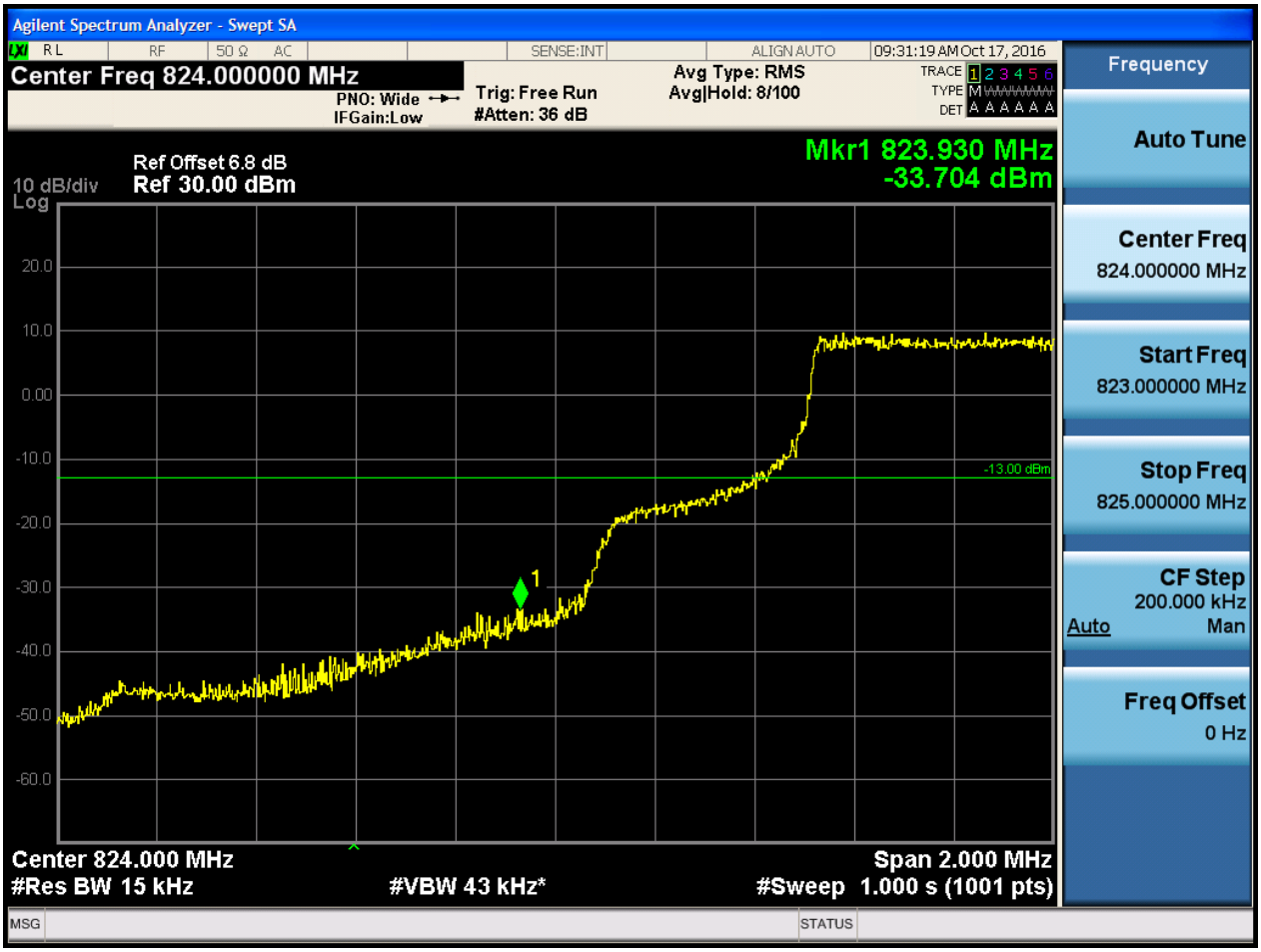


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.1.1.2 Test RB = RB1#5

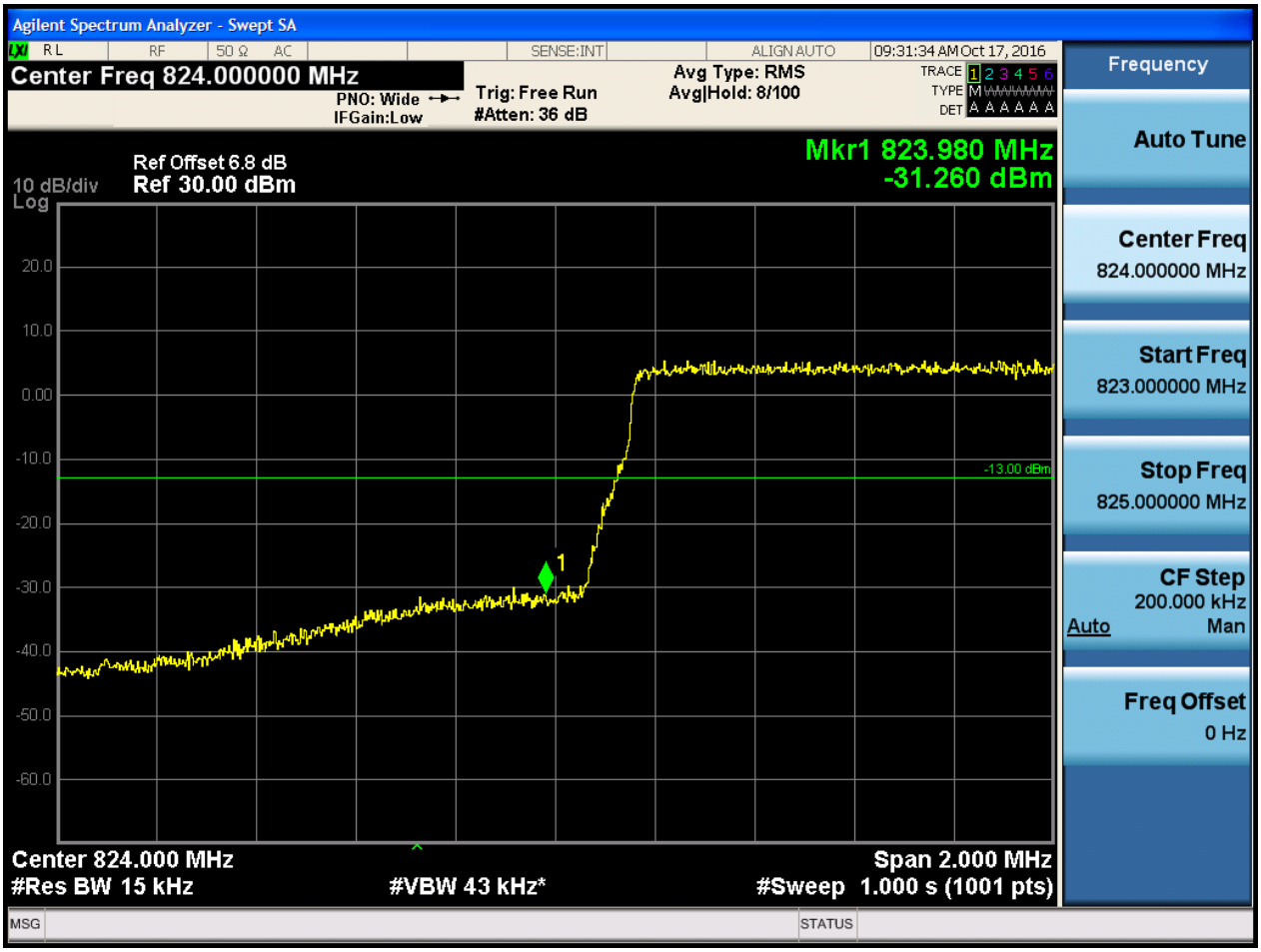
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.1.1.3 Test RB = RB3#2



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.1.1.4 Test RB = RB6#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.1.2.2 Test RB = RB1#5

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.1.2.3 Test RB = RB3#2

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

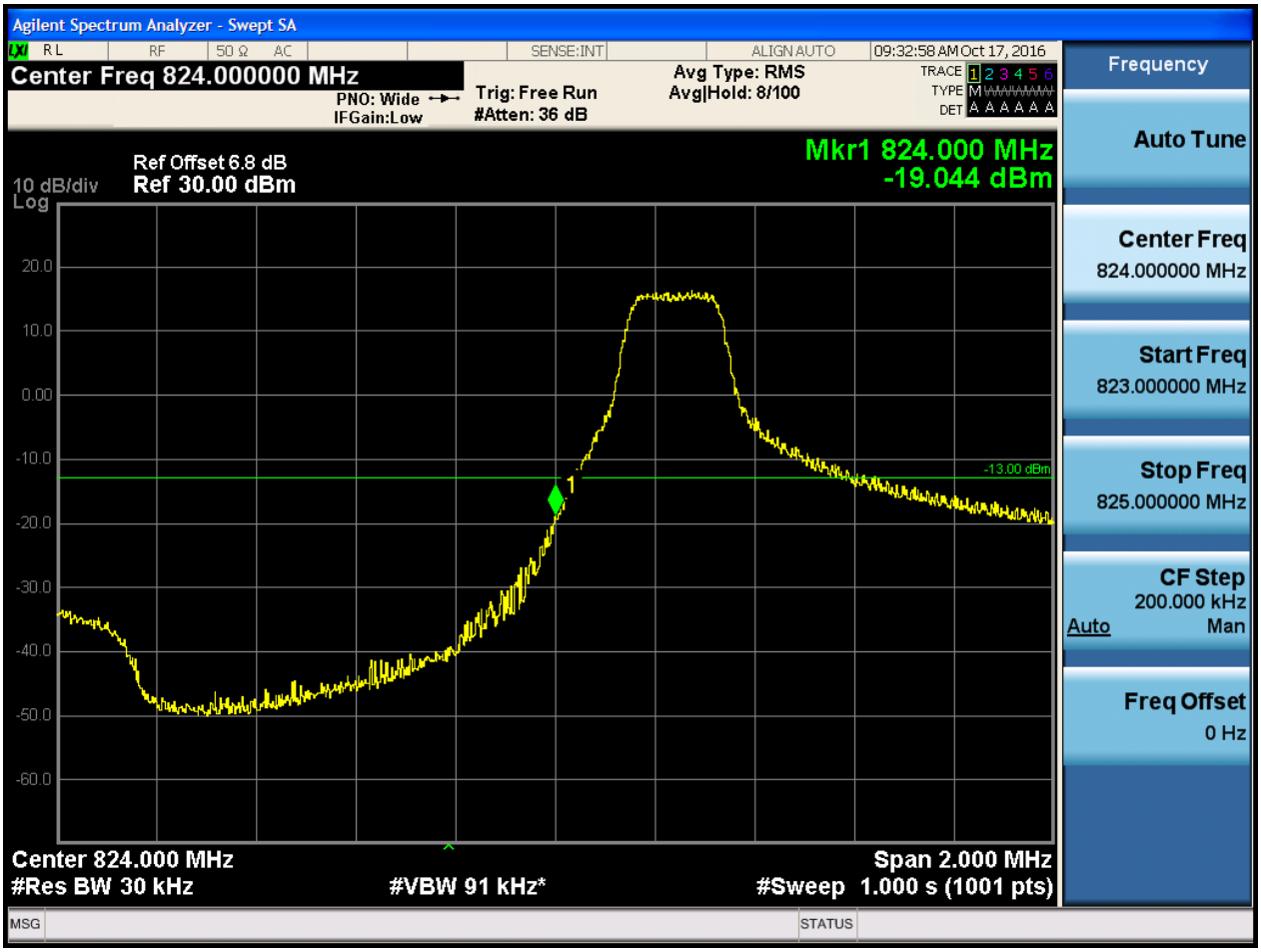
5.1.1.2.1.2.4 Test RB = RB6#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.2 Test Bandwidth = 3

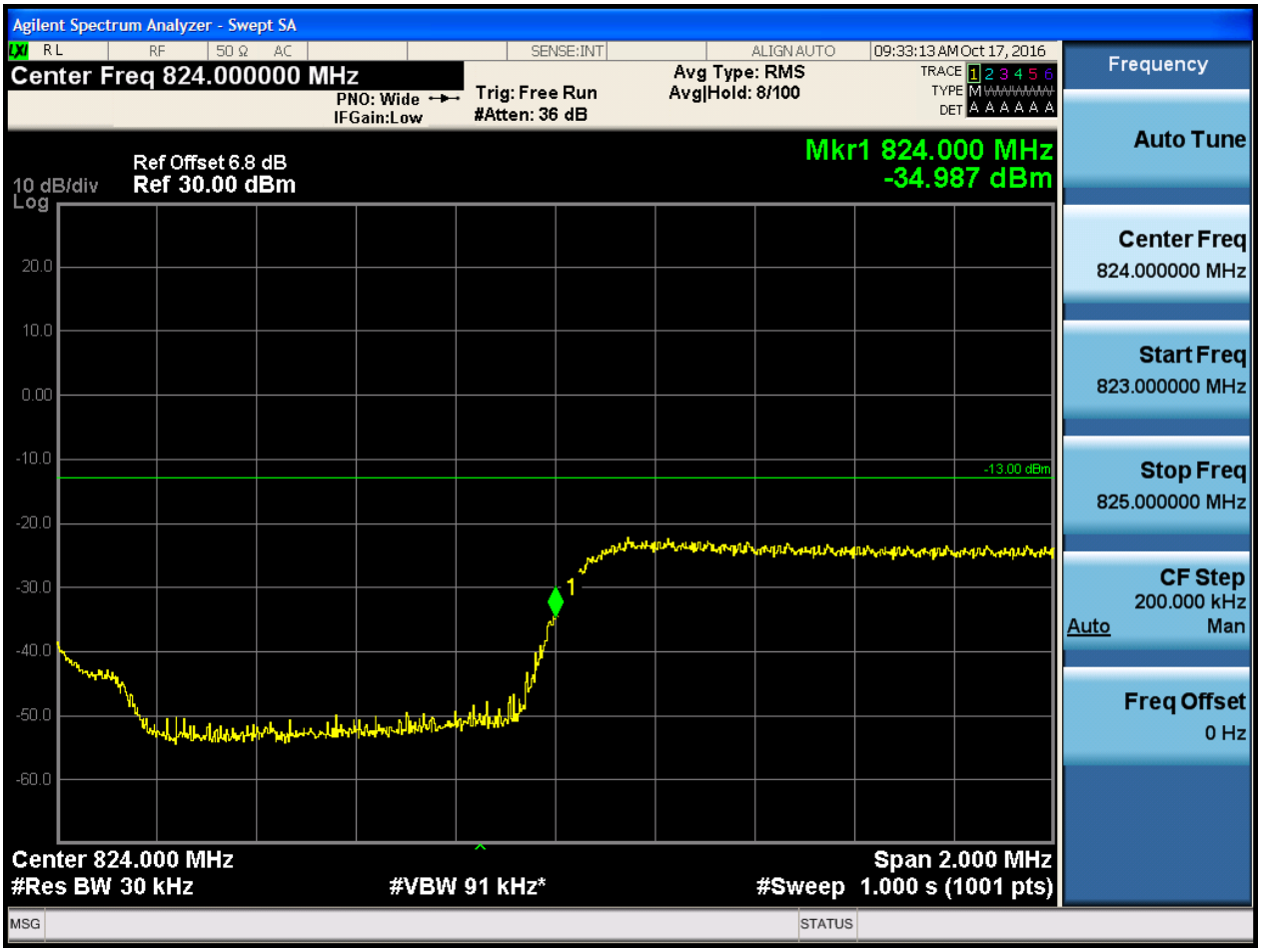
5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



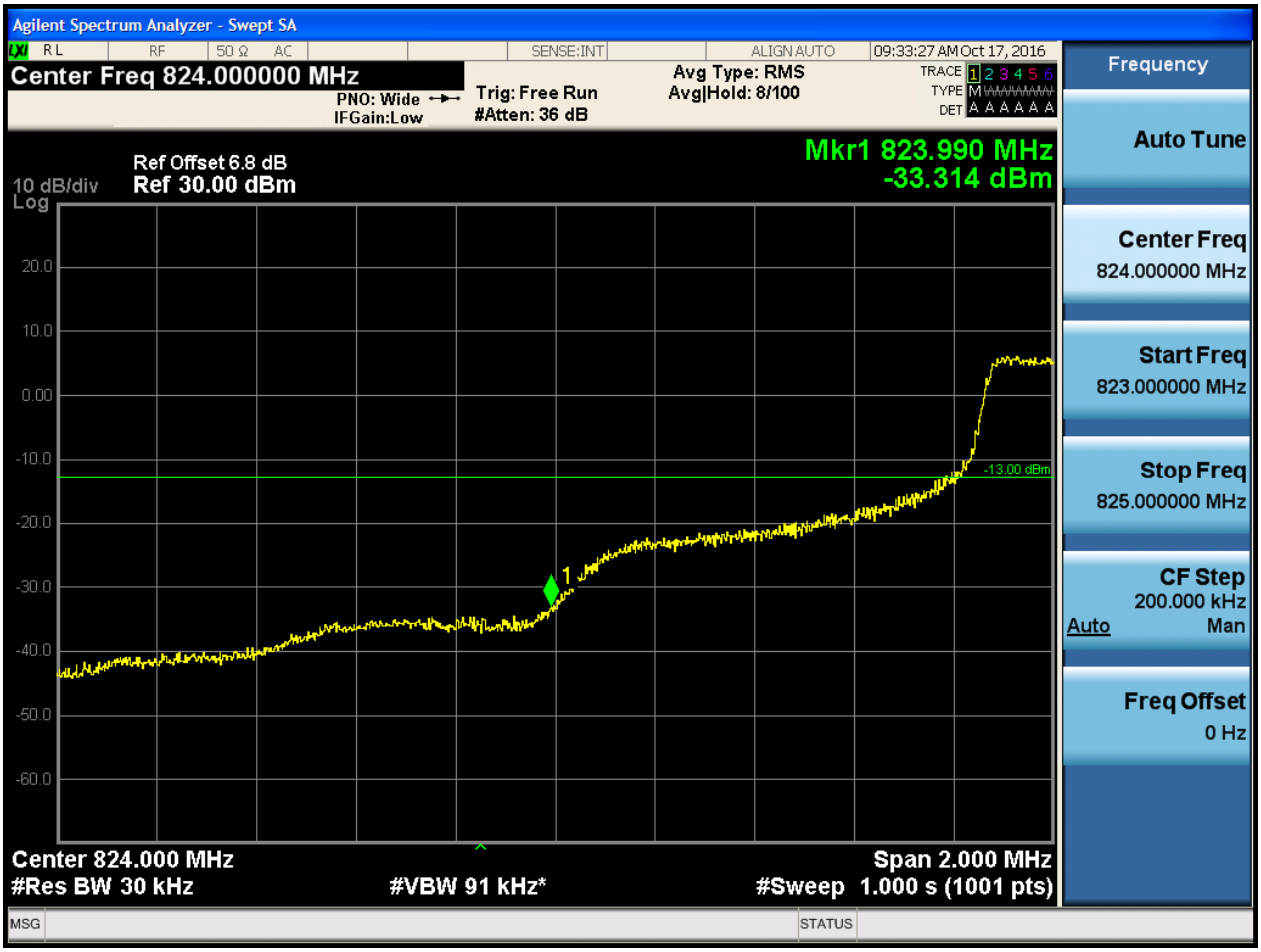
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.2.1.2 Test RB = RB1#14



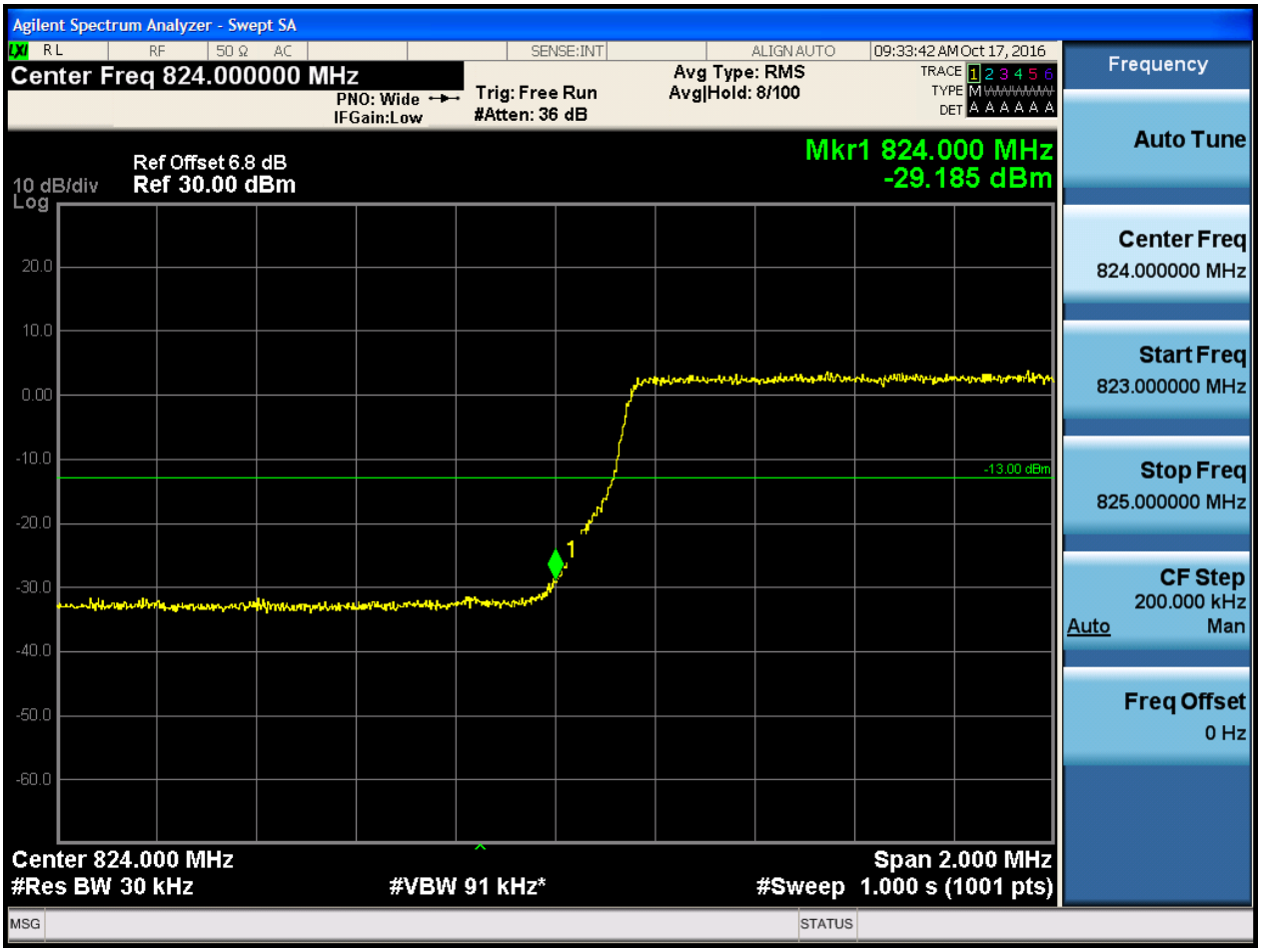
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.2.1.3 Test RB = RB8#4



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

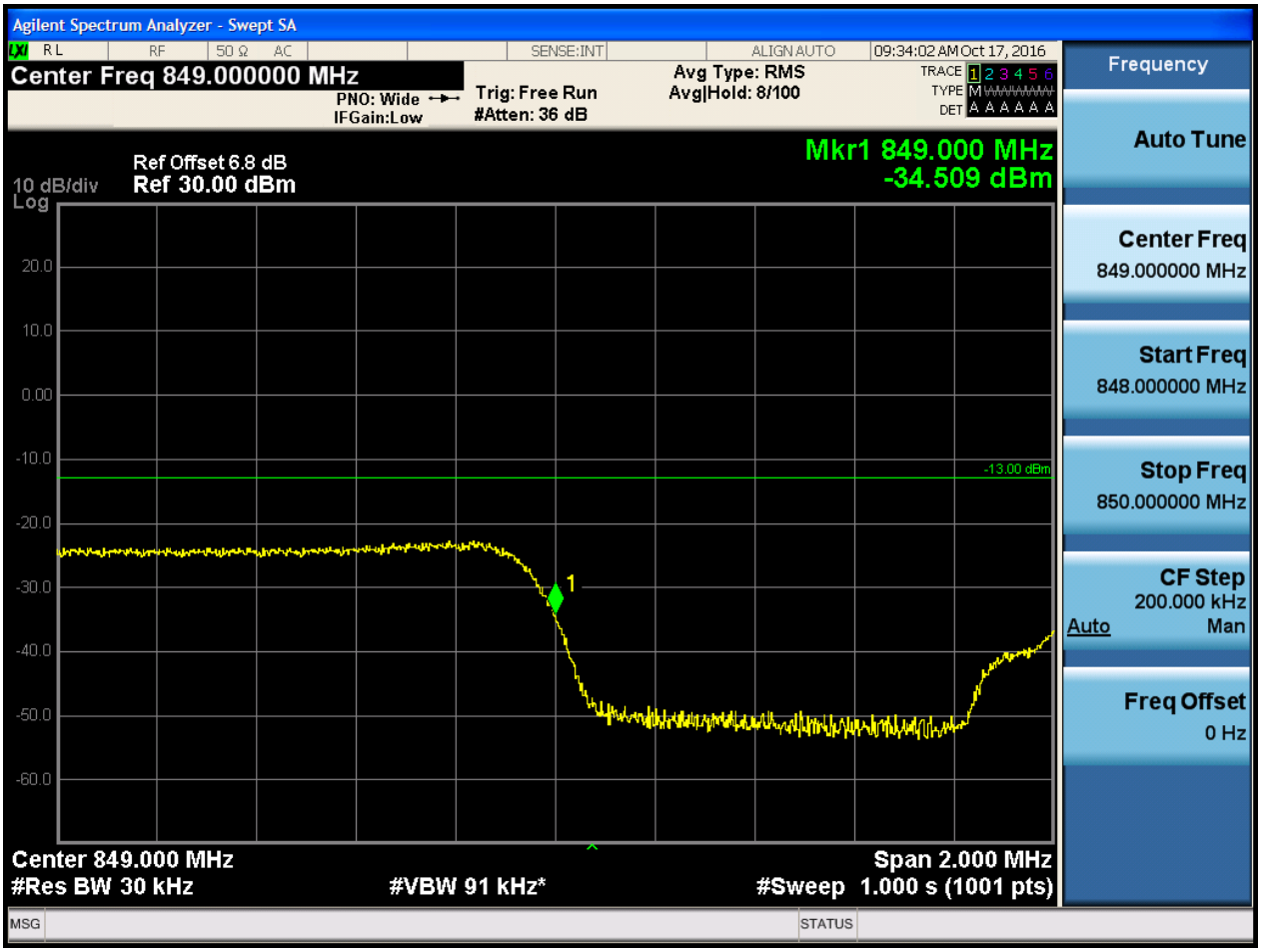
5.1.1.2.2.1.4 Test RB = RB15#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

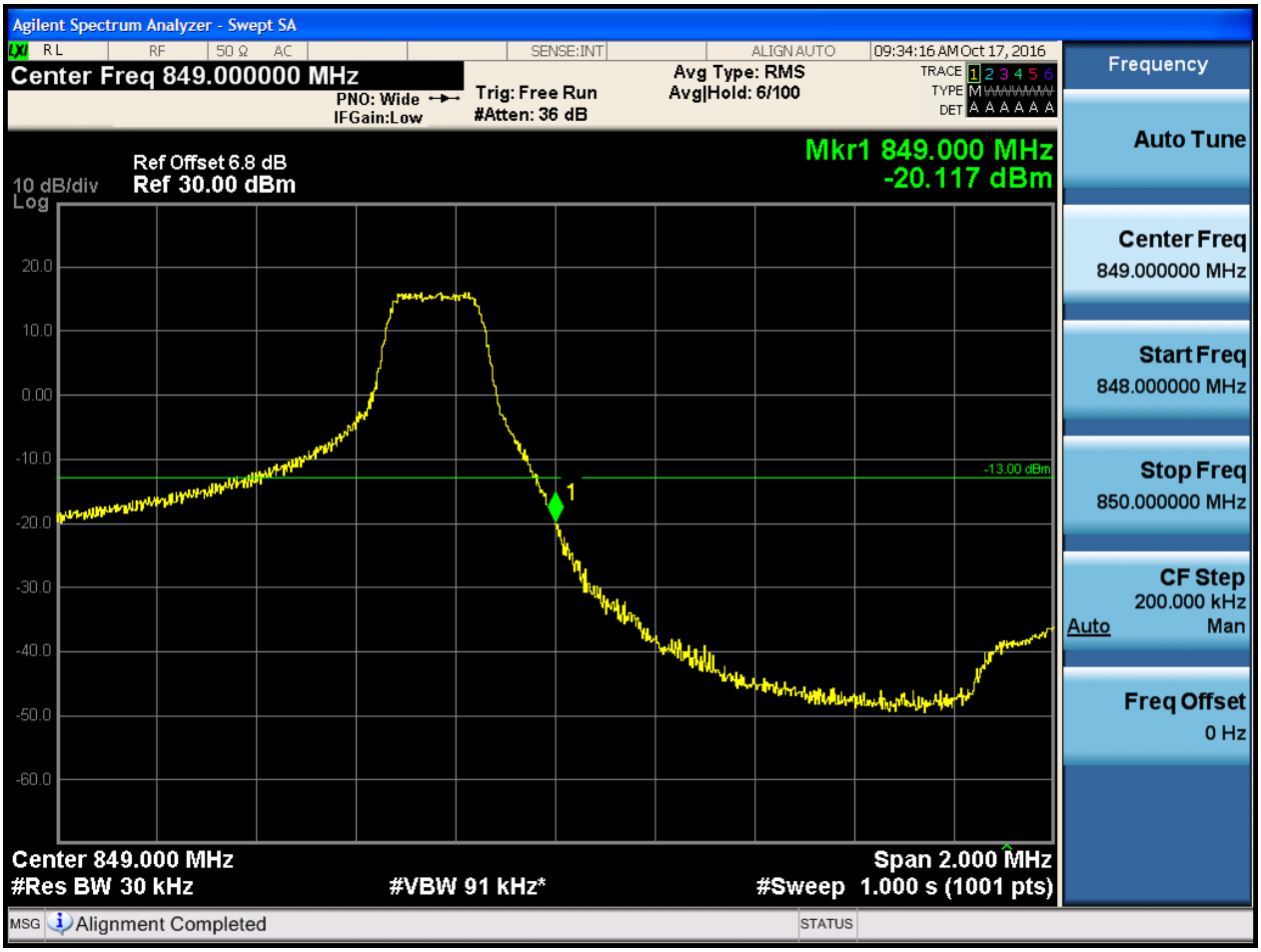
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.2.2.2 Test RB = RB1#14

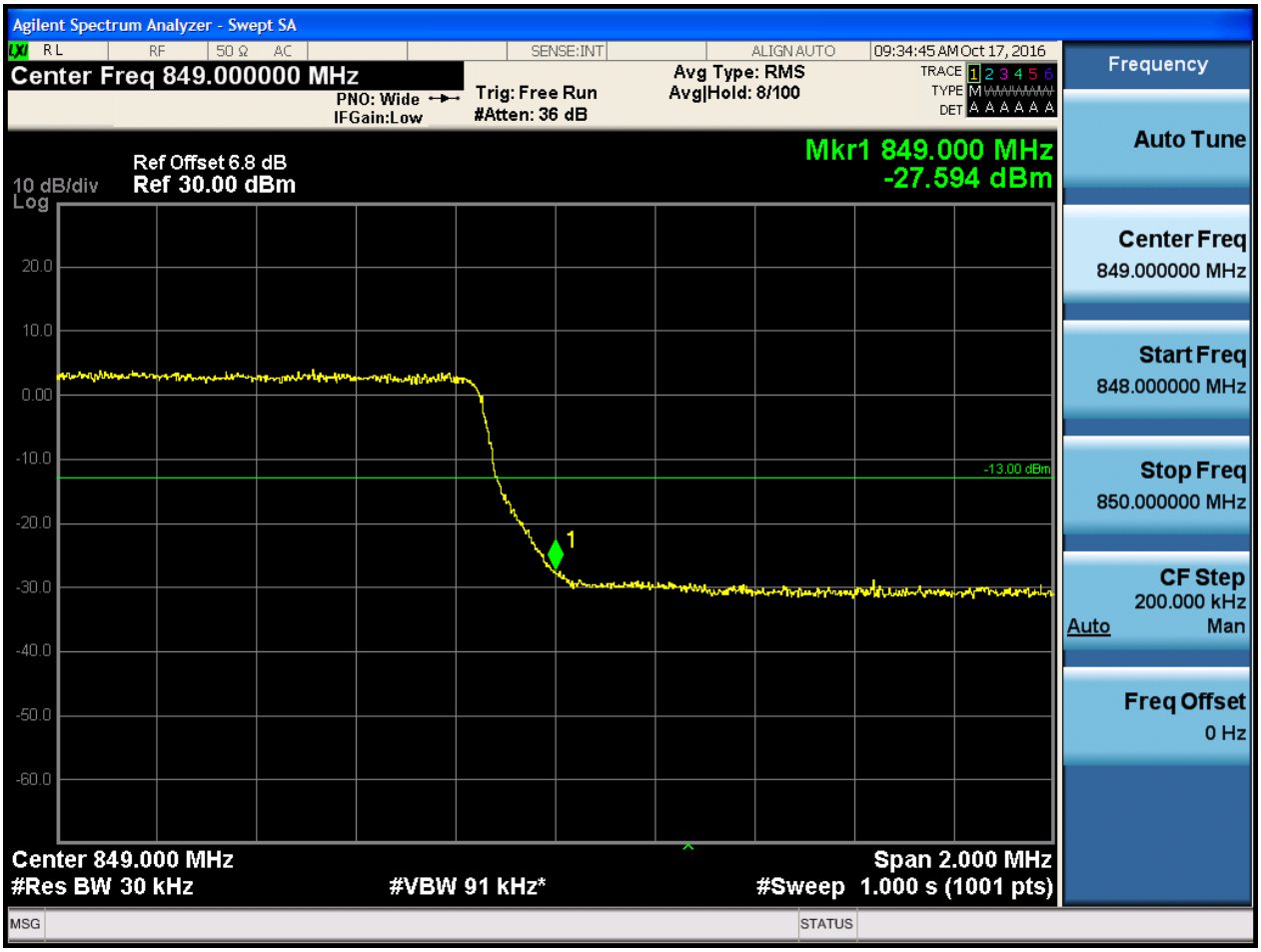


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.2.2.3 Test RB = RB8#4

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.2.2.4 Test RB = RB15#0

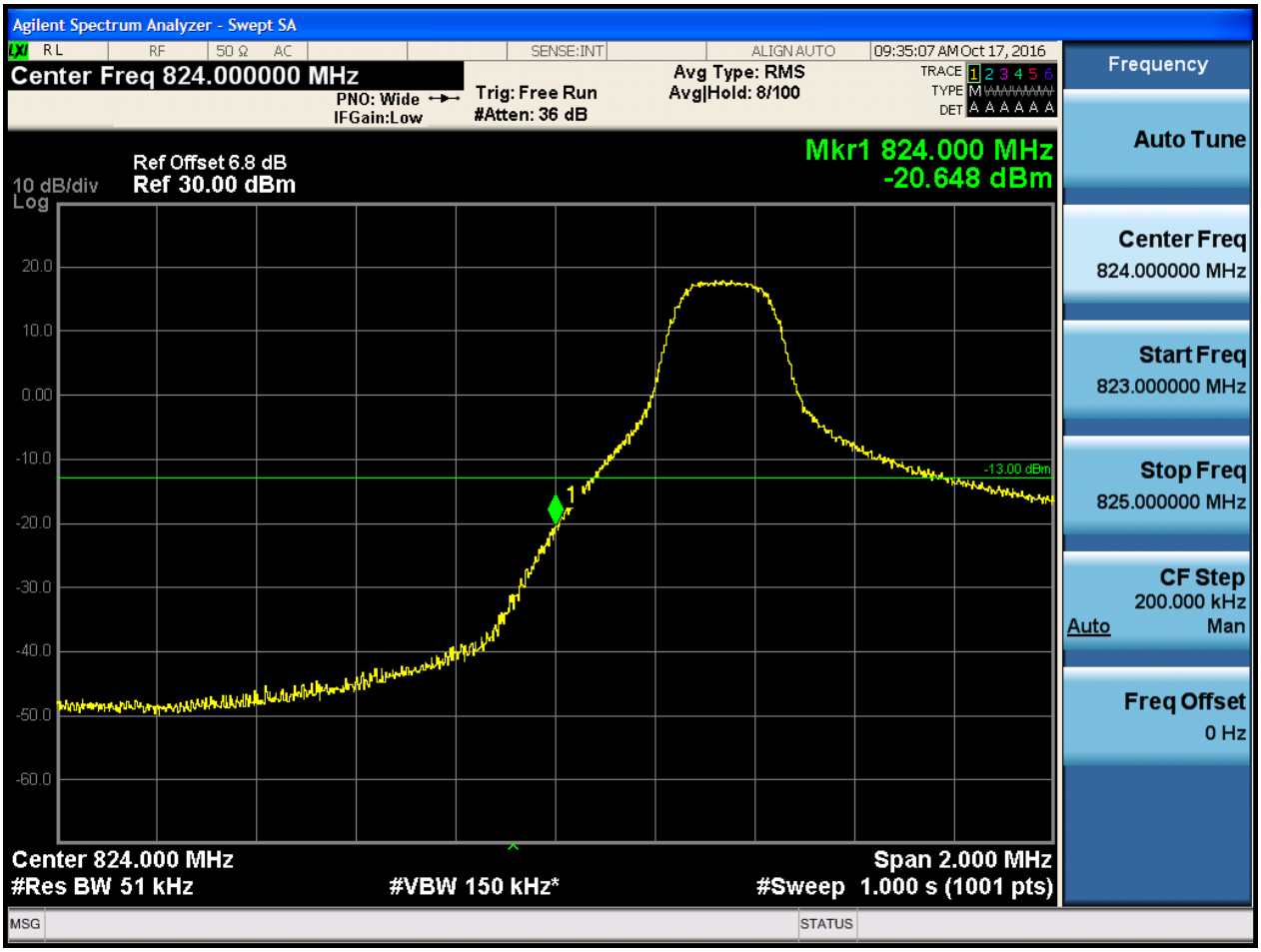


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.3 Test Bandwidth = 5

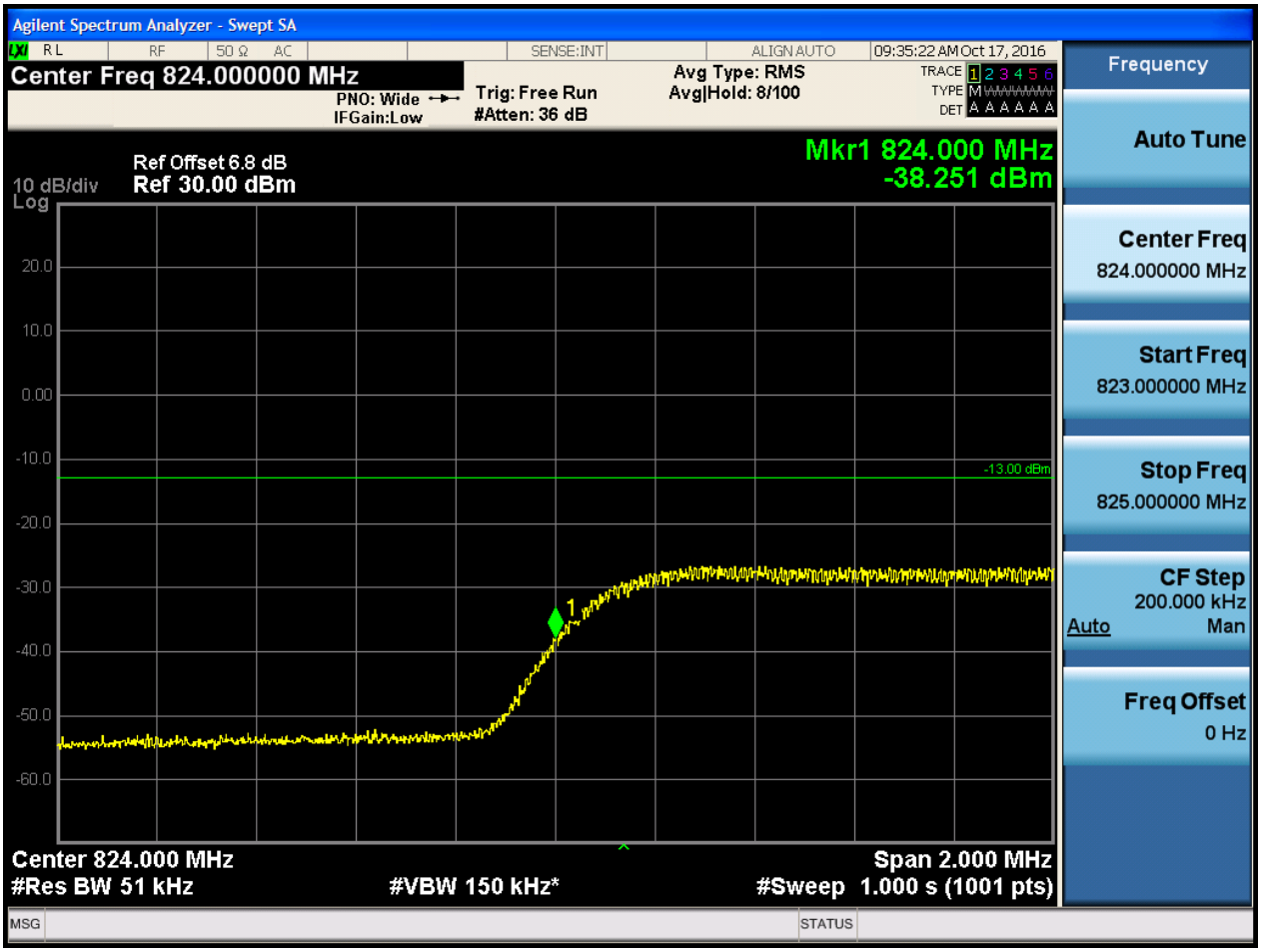
5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0



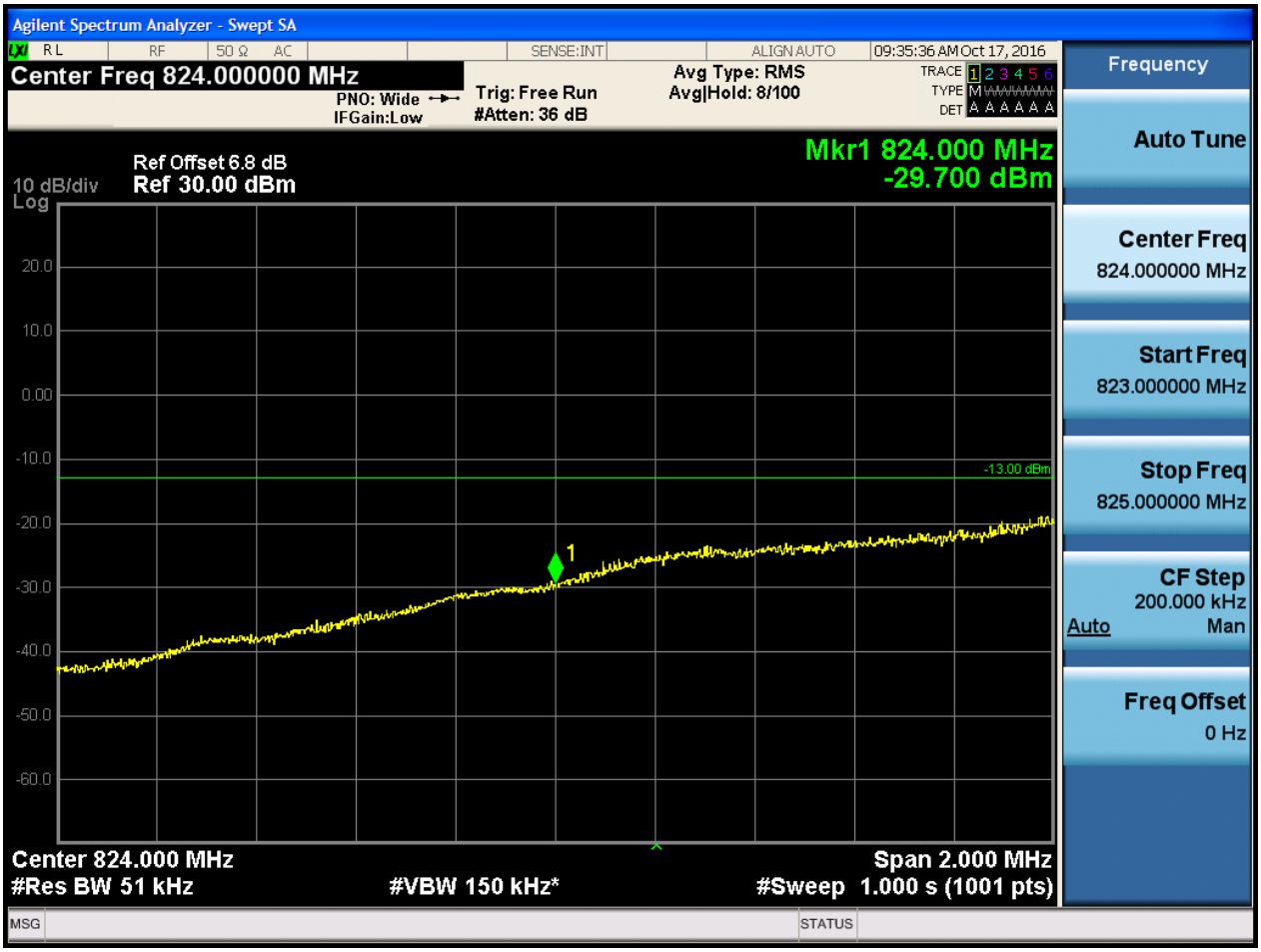
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.3.1.2 Test RB = RB1#24



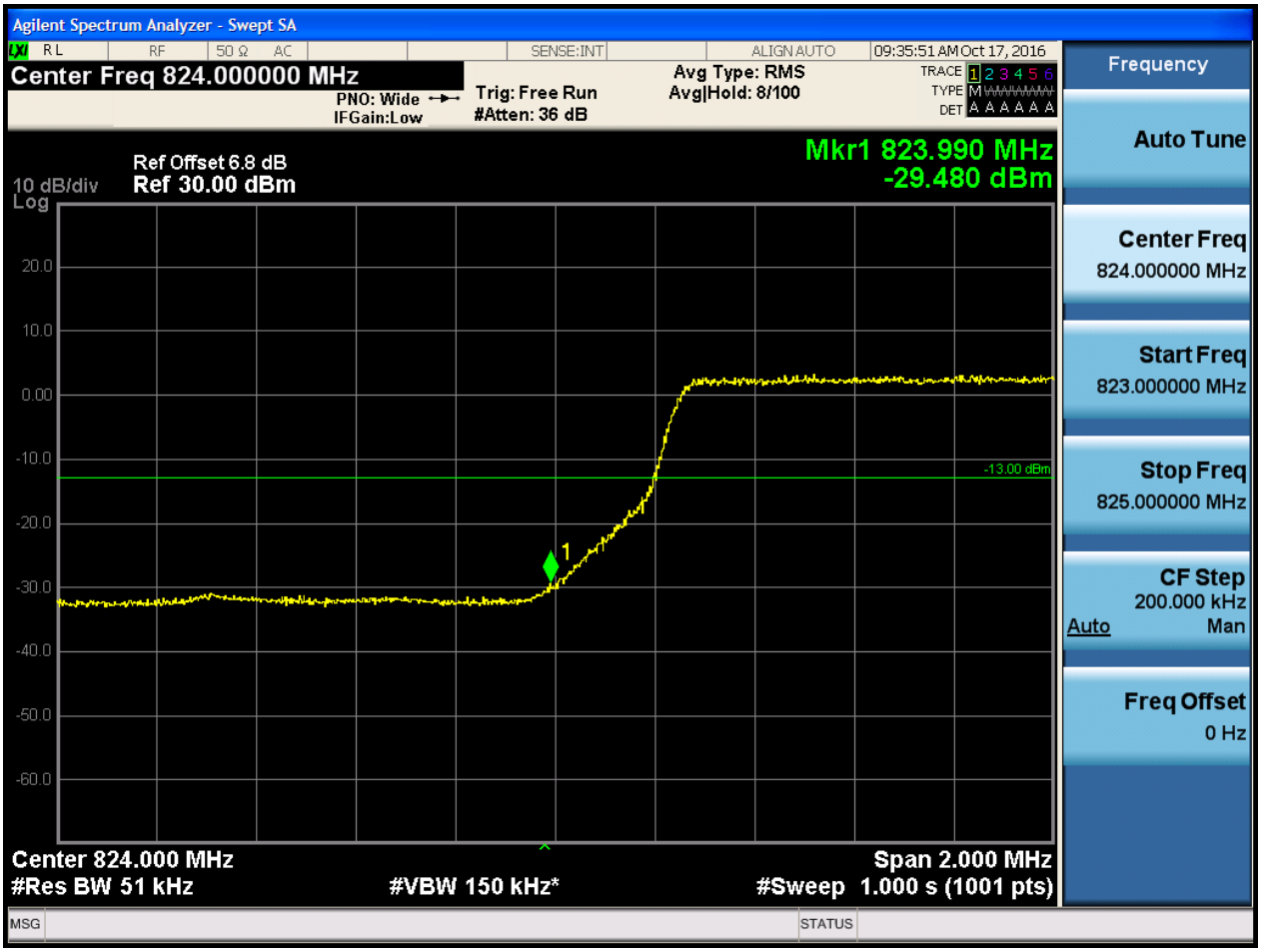
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.3.1.3 Test RB = RB12#6



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

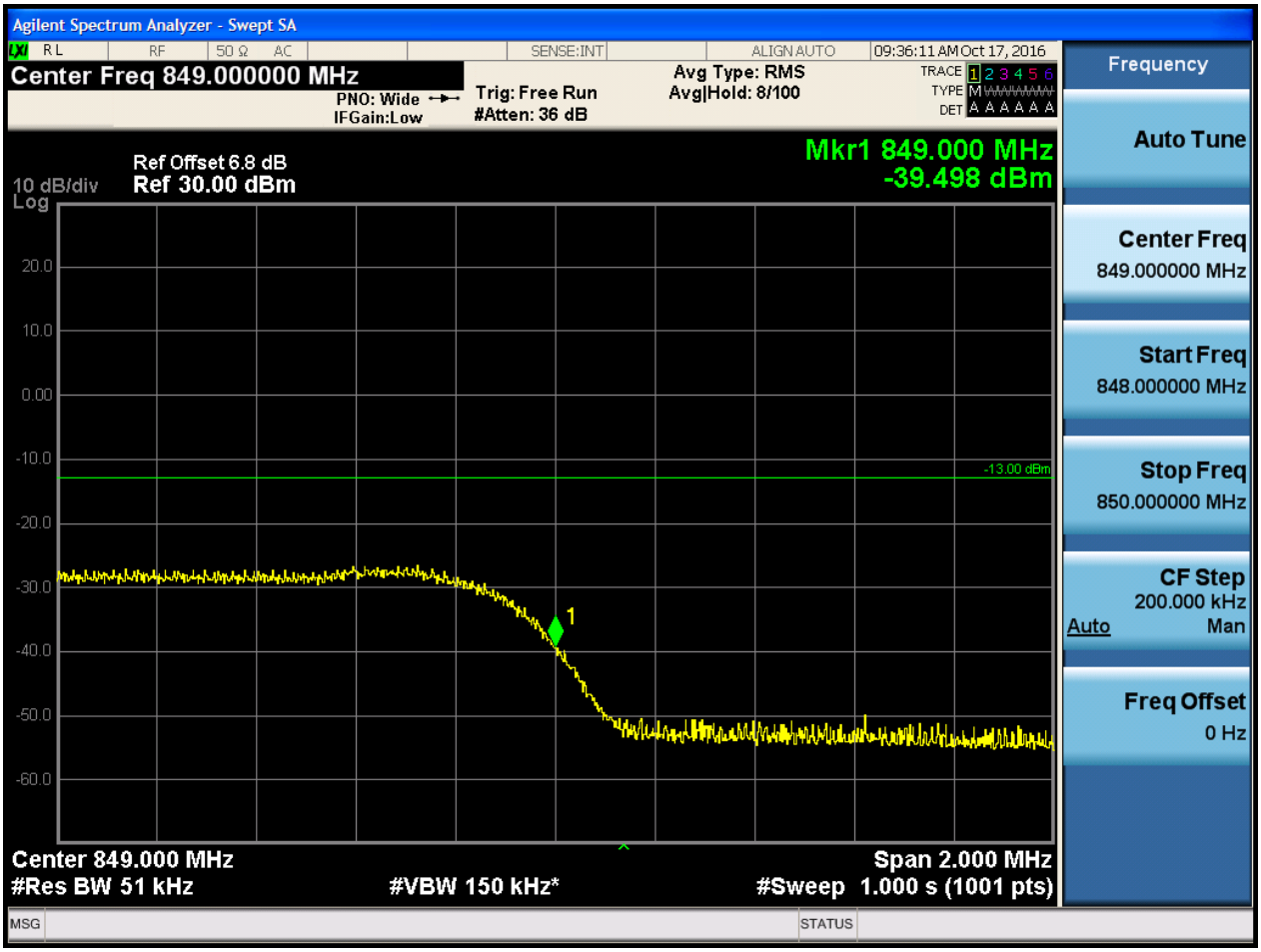
5.1.1.2.3.1.4 Test RB = RB25#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

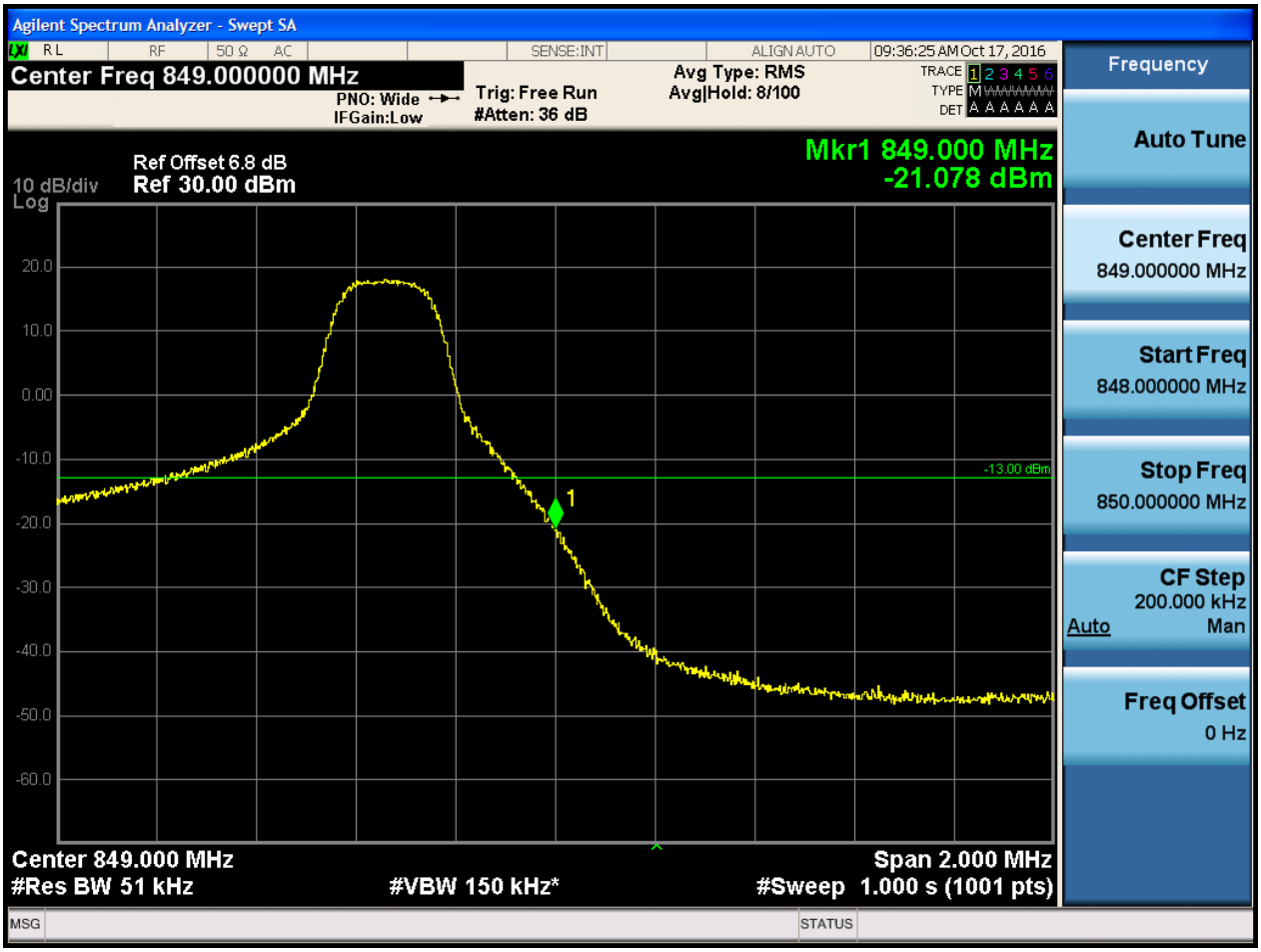
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.3.2.2 Test RB = RB1#24



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.3.2.3 Test RB = RB12#6

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

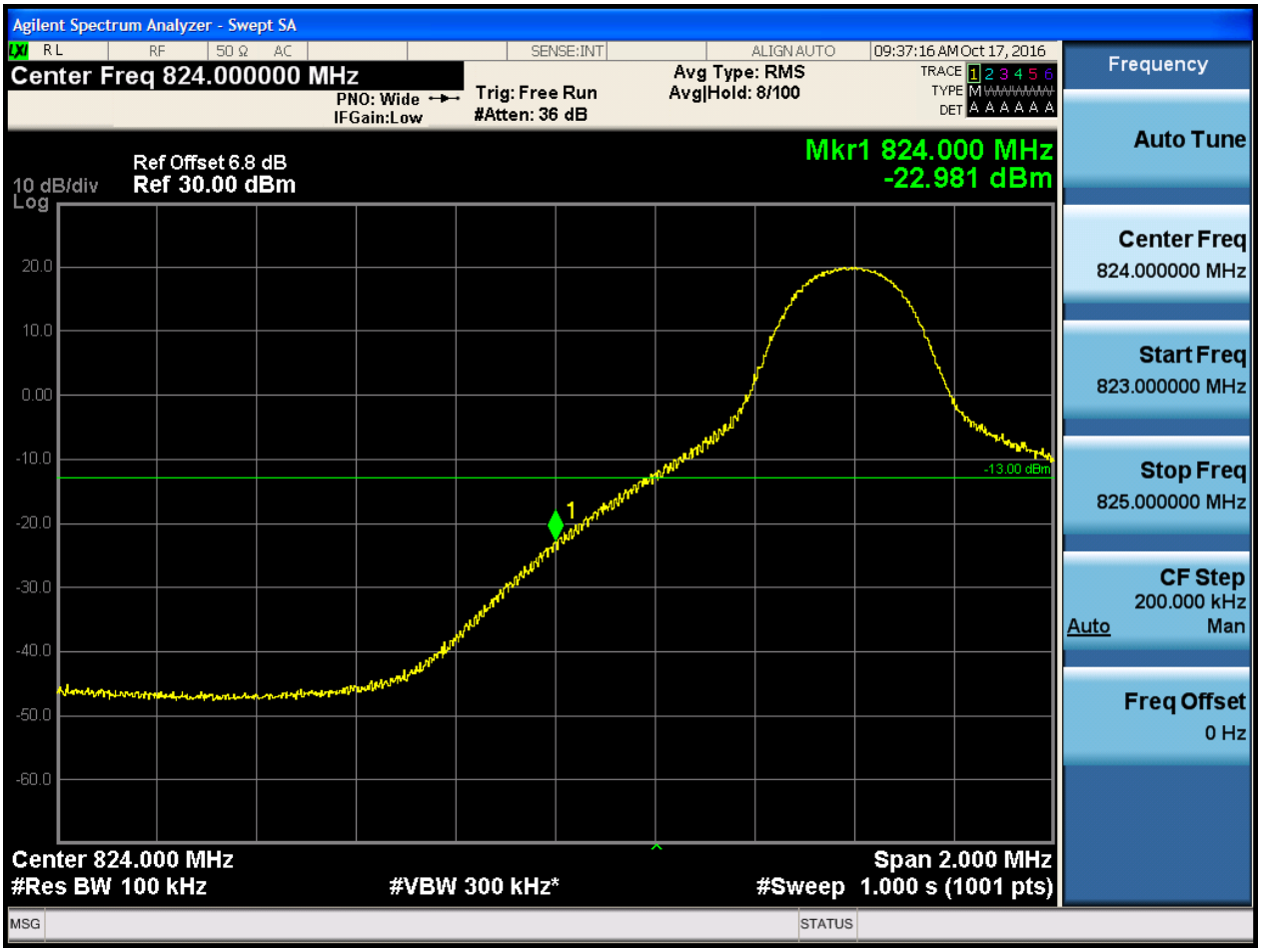
5.1.1.2.3.2.4 Test RB = RB25#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.4 Test Bandwidth = 10

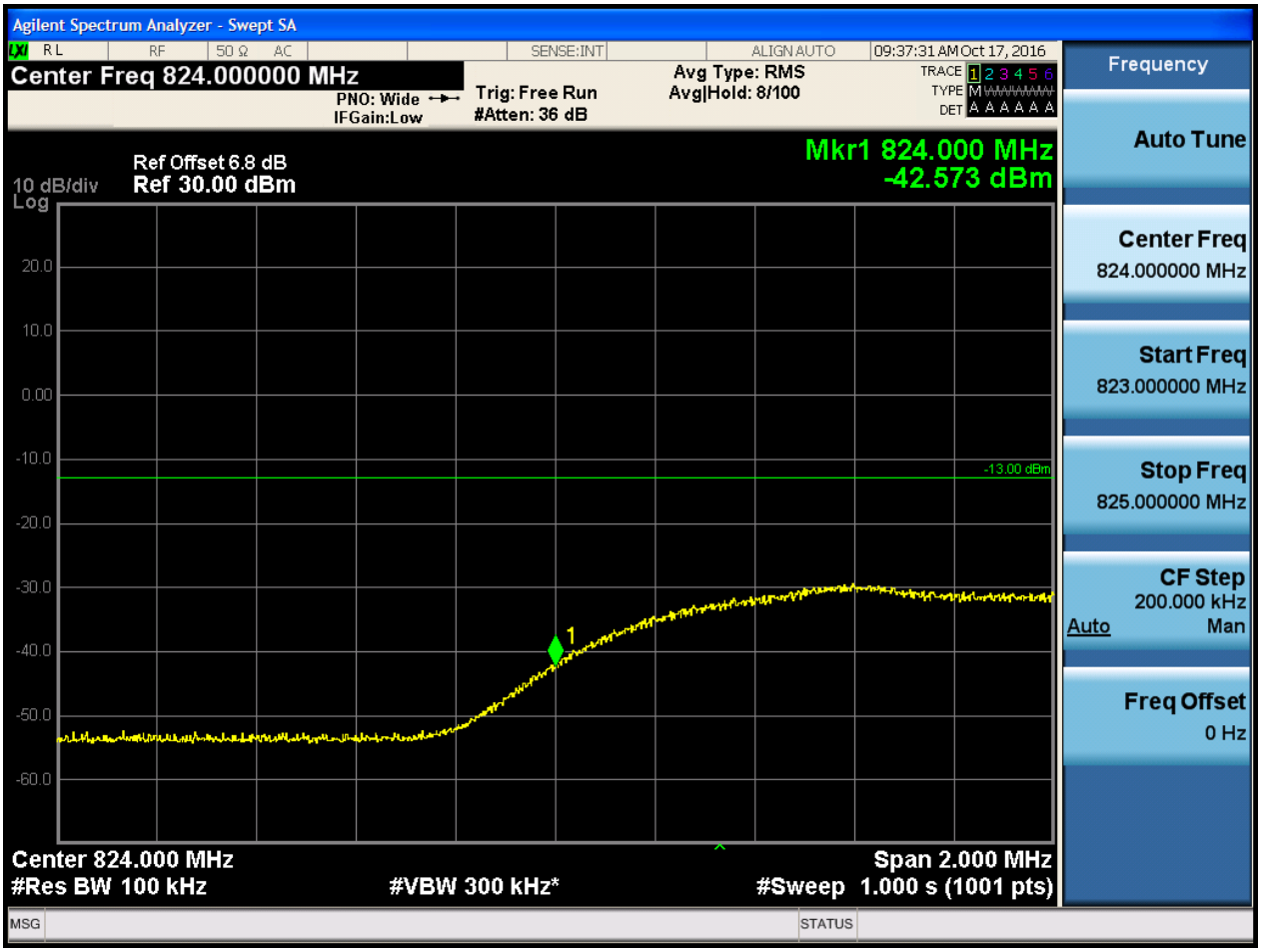
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



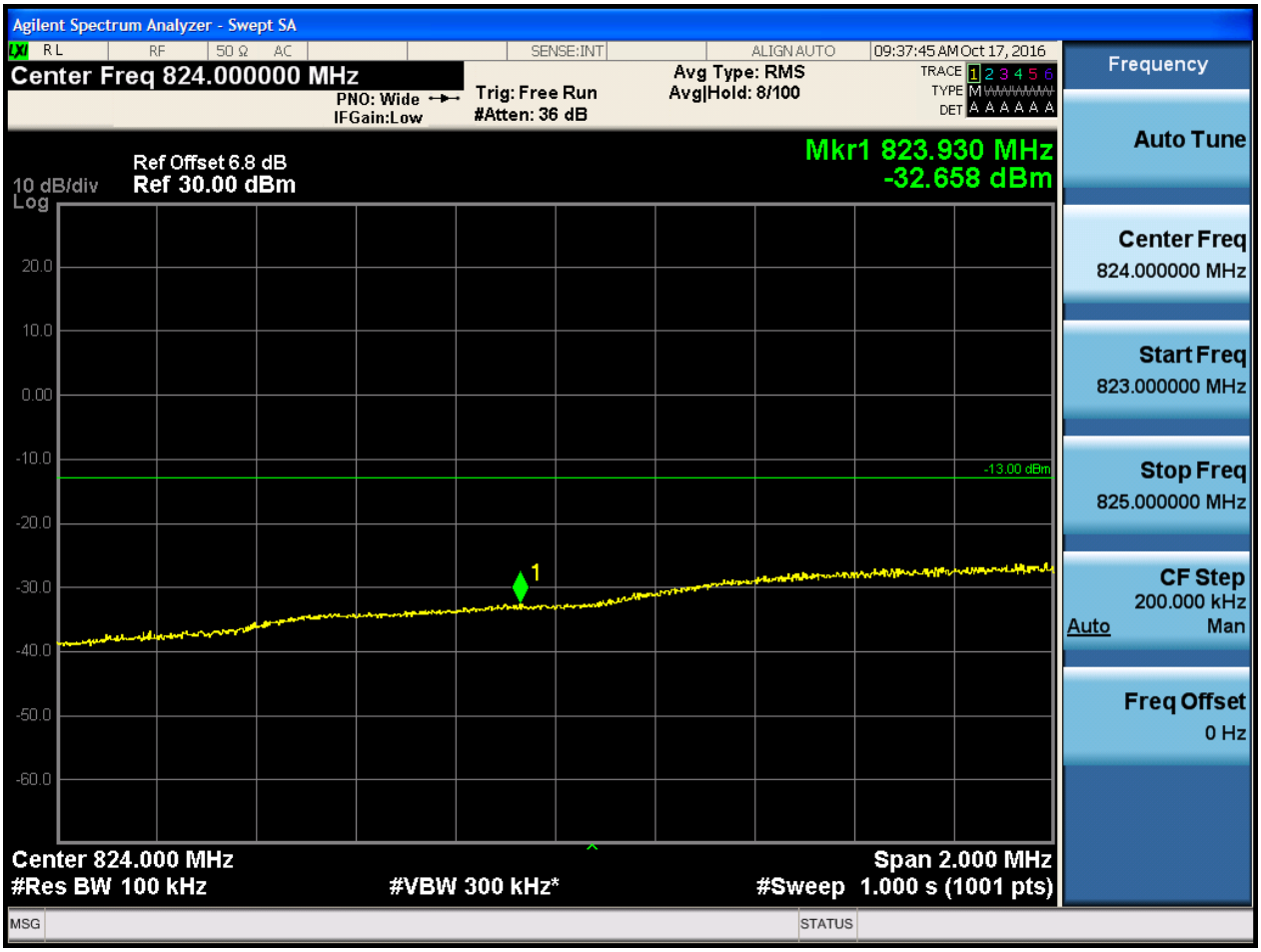
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.4.1.2 Test RB = RB1#49



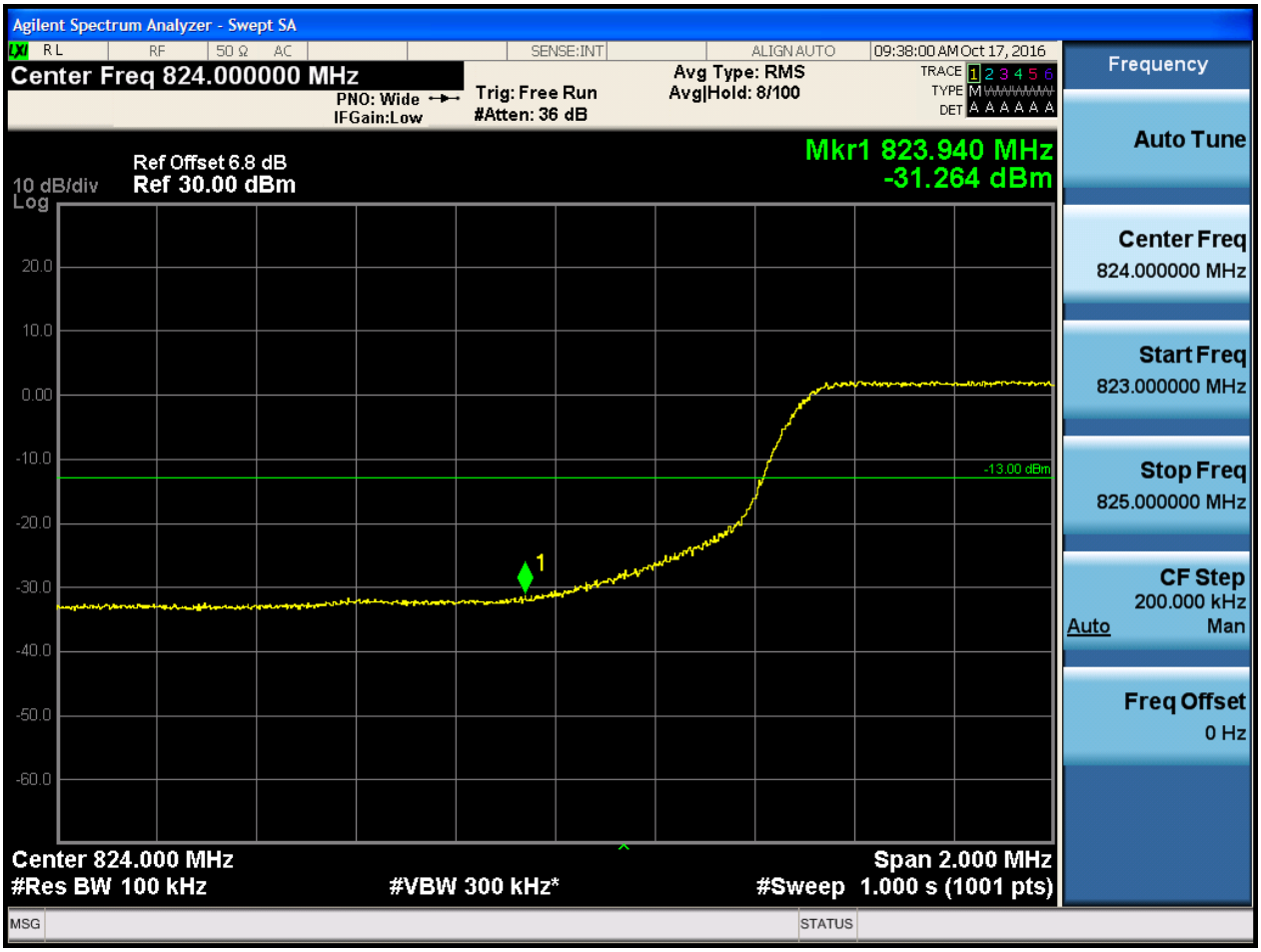
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.4.1.3 Test RB = RB25#13



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

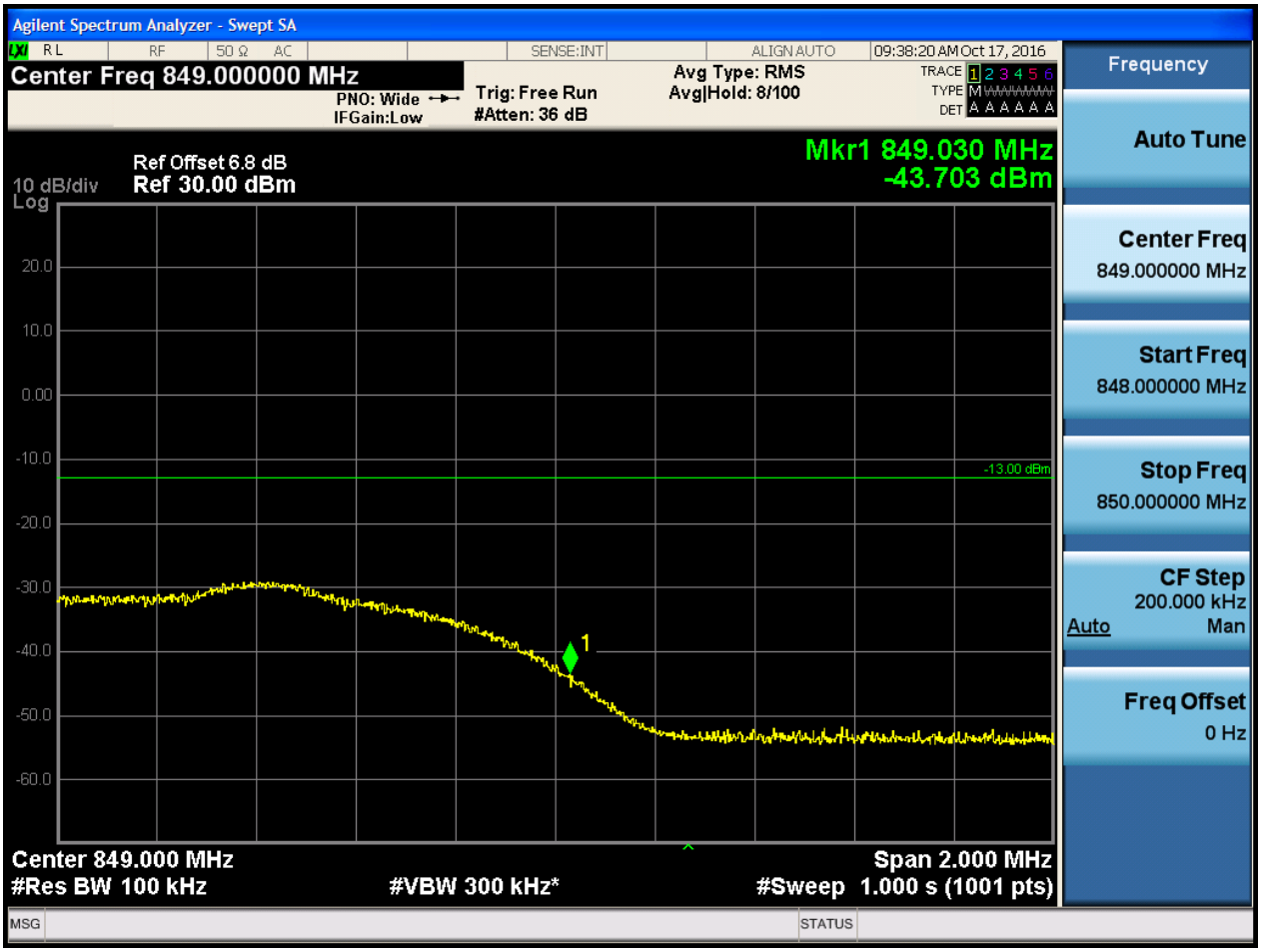
5.1.1.2.4.1.4 Test RB = RB50#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

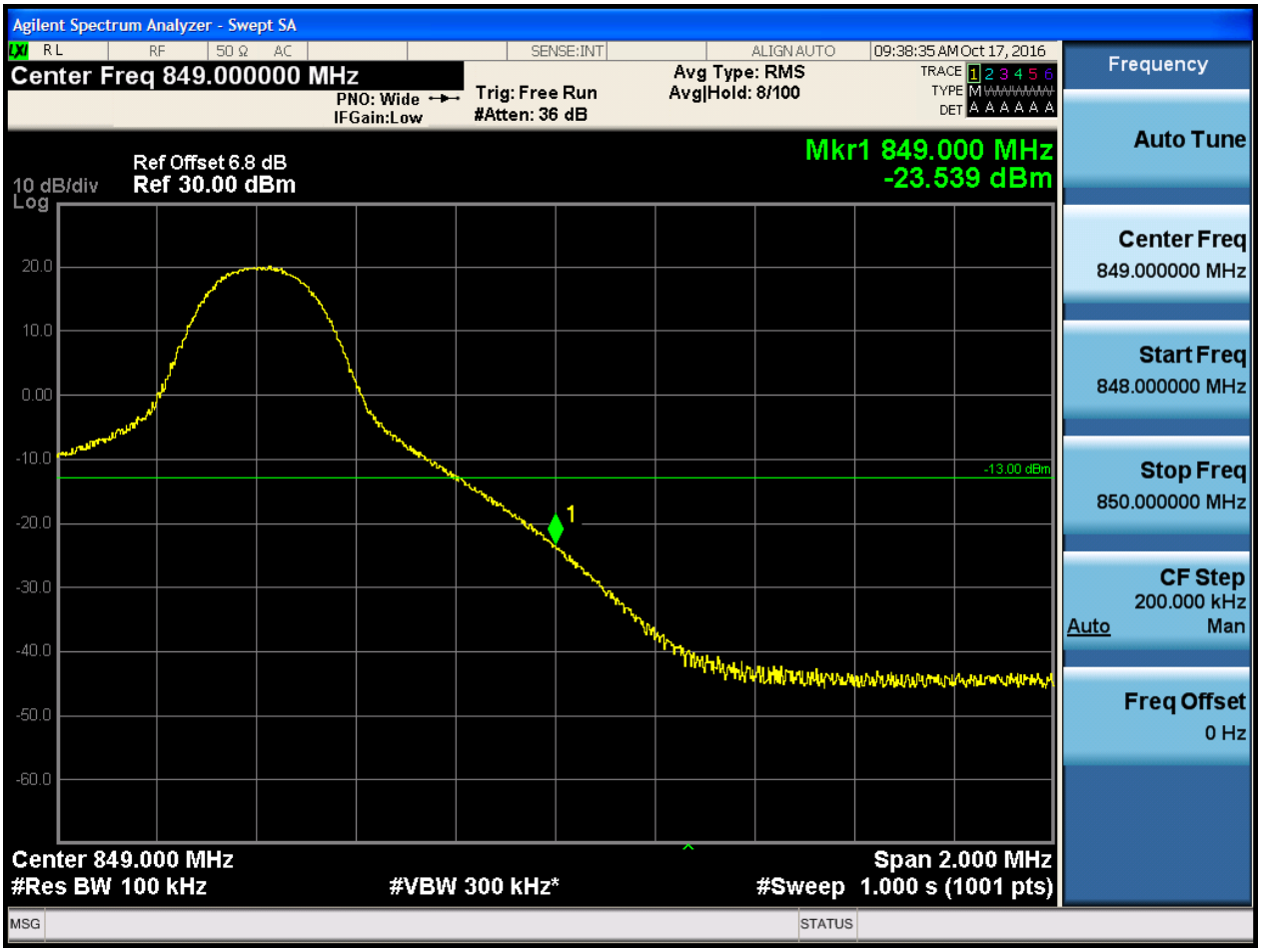
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.4.2.2 Test RB = RB1#49



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.4.2.3 Test RB = RB25#13

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

5.1.1.2.4.2.4 Test RB = RB50#0

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = BAND5

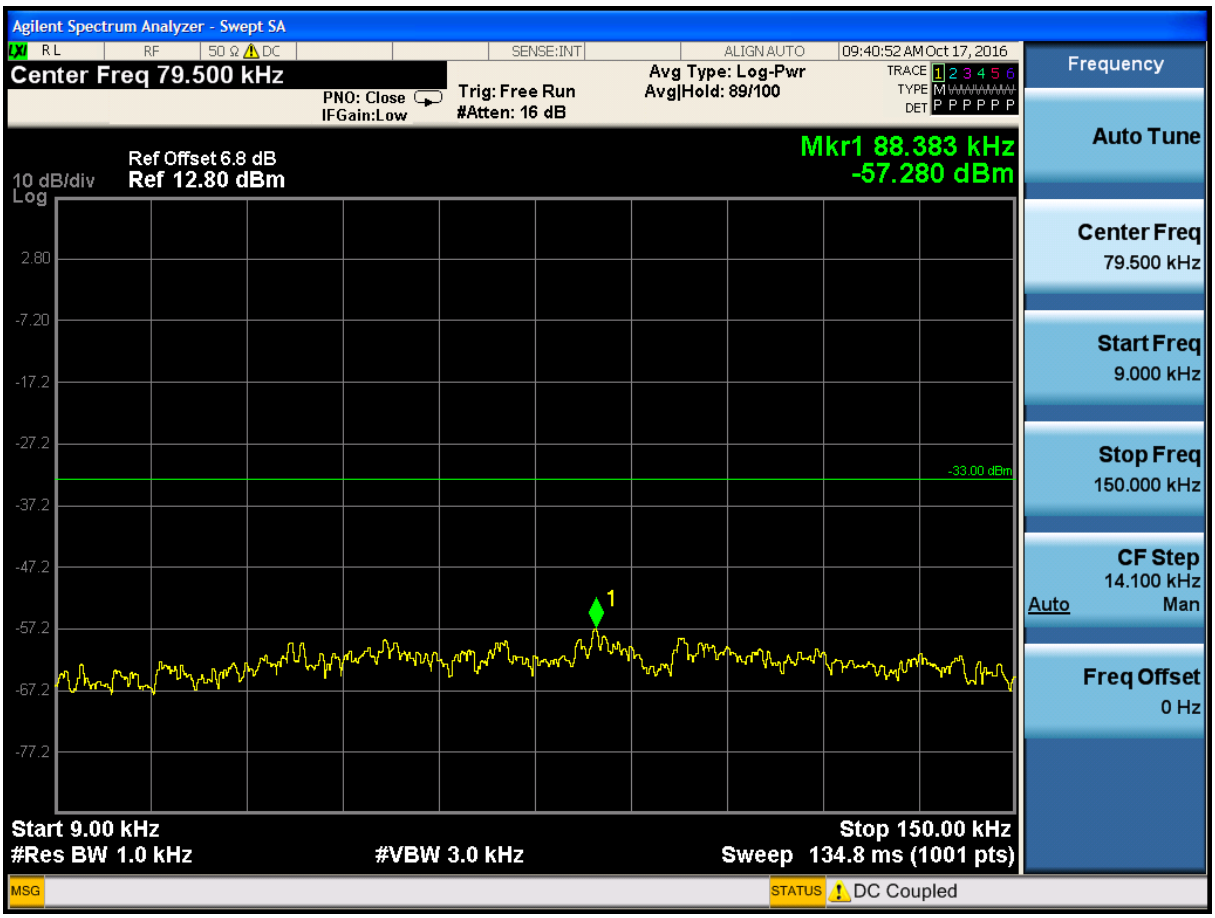
6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 1.4

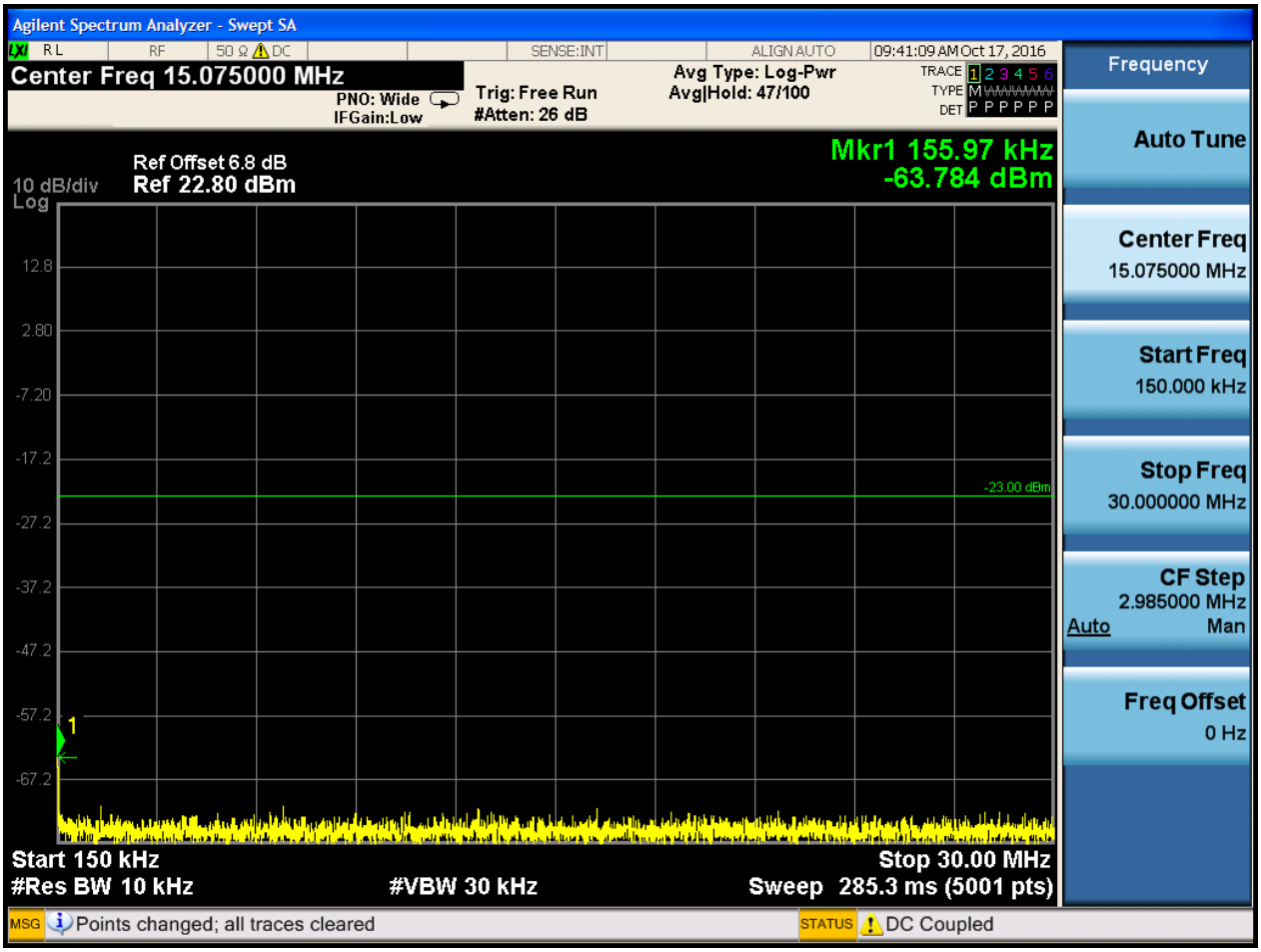
6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0

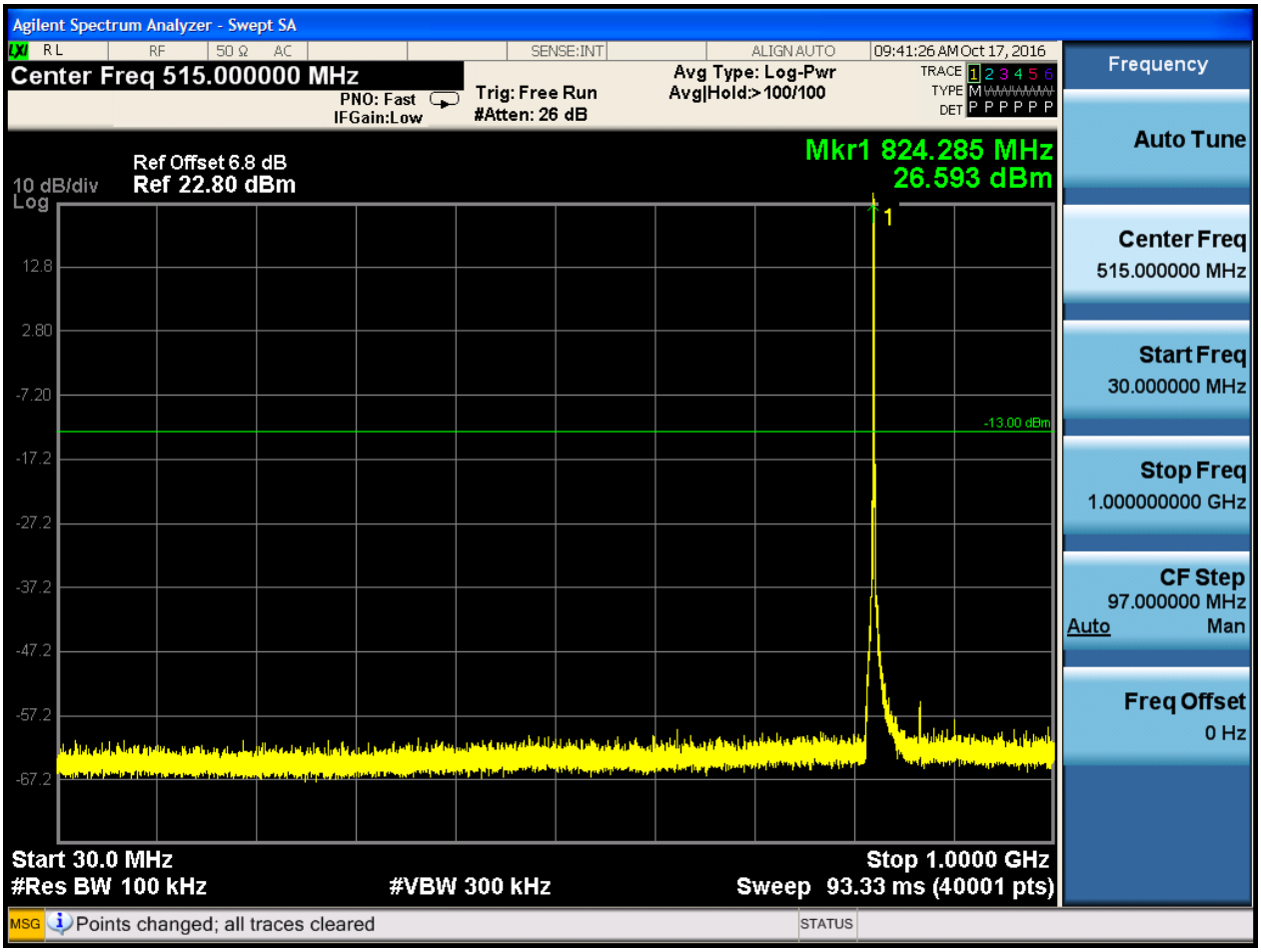
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



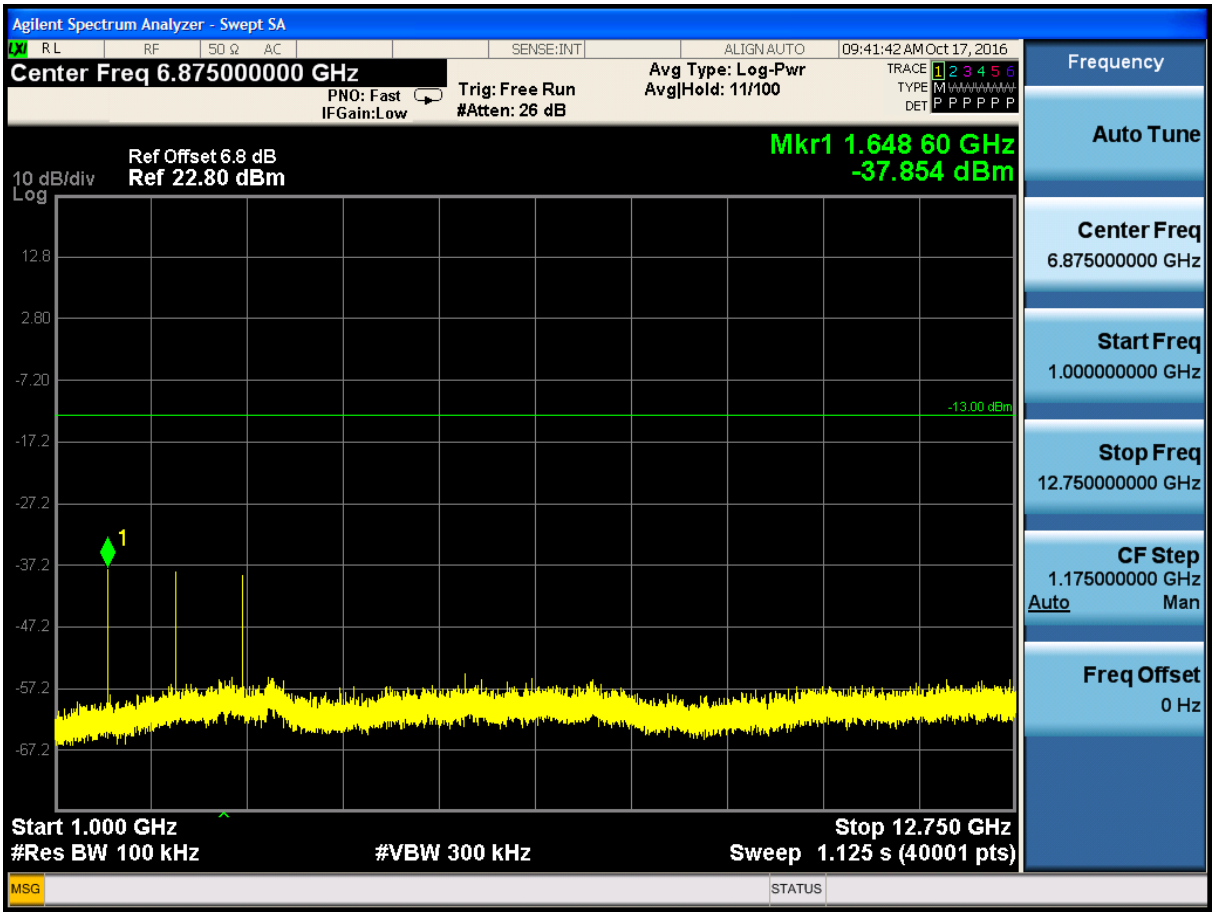
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



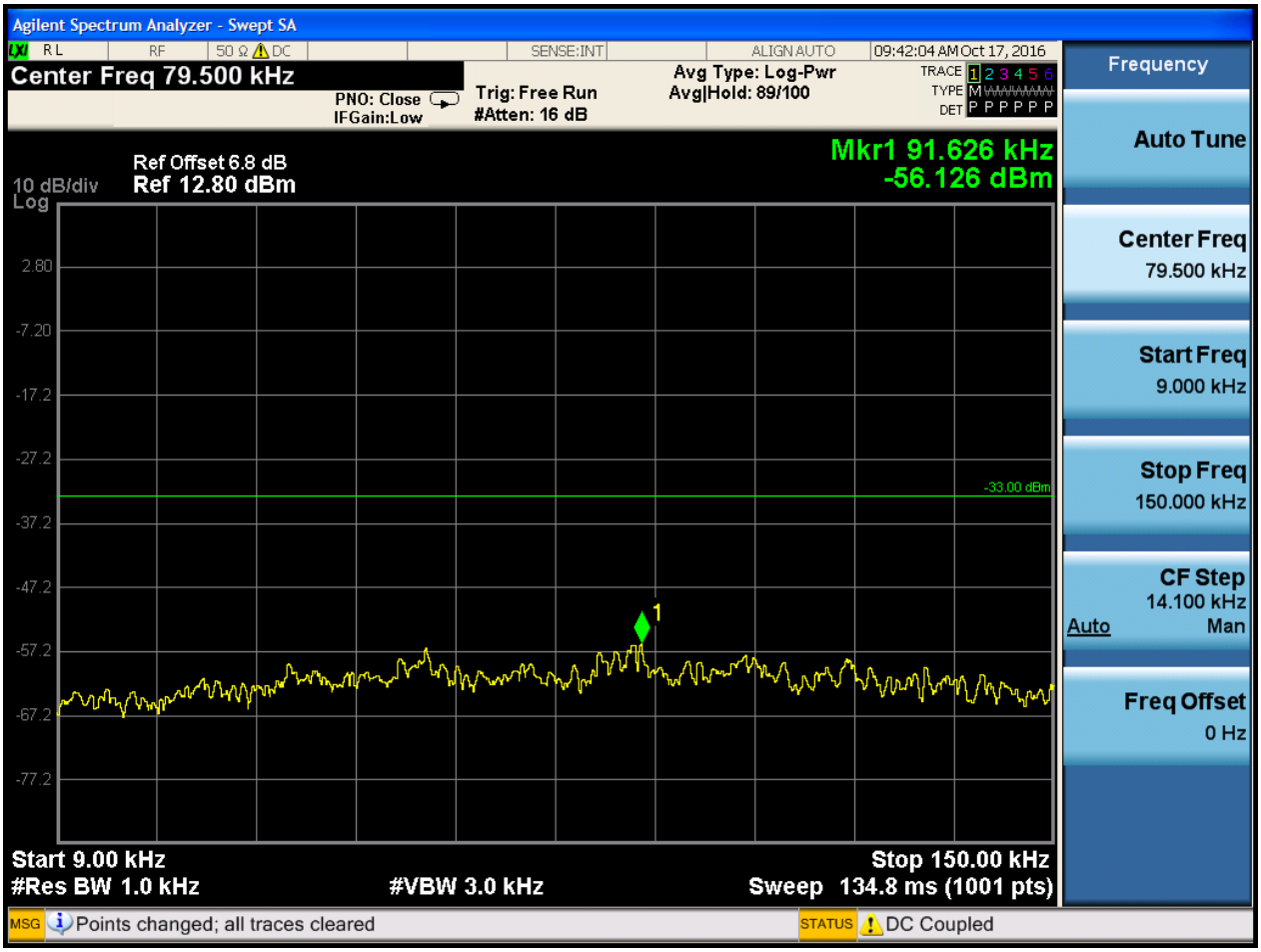
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



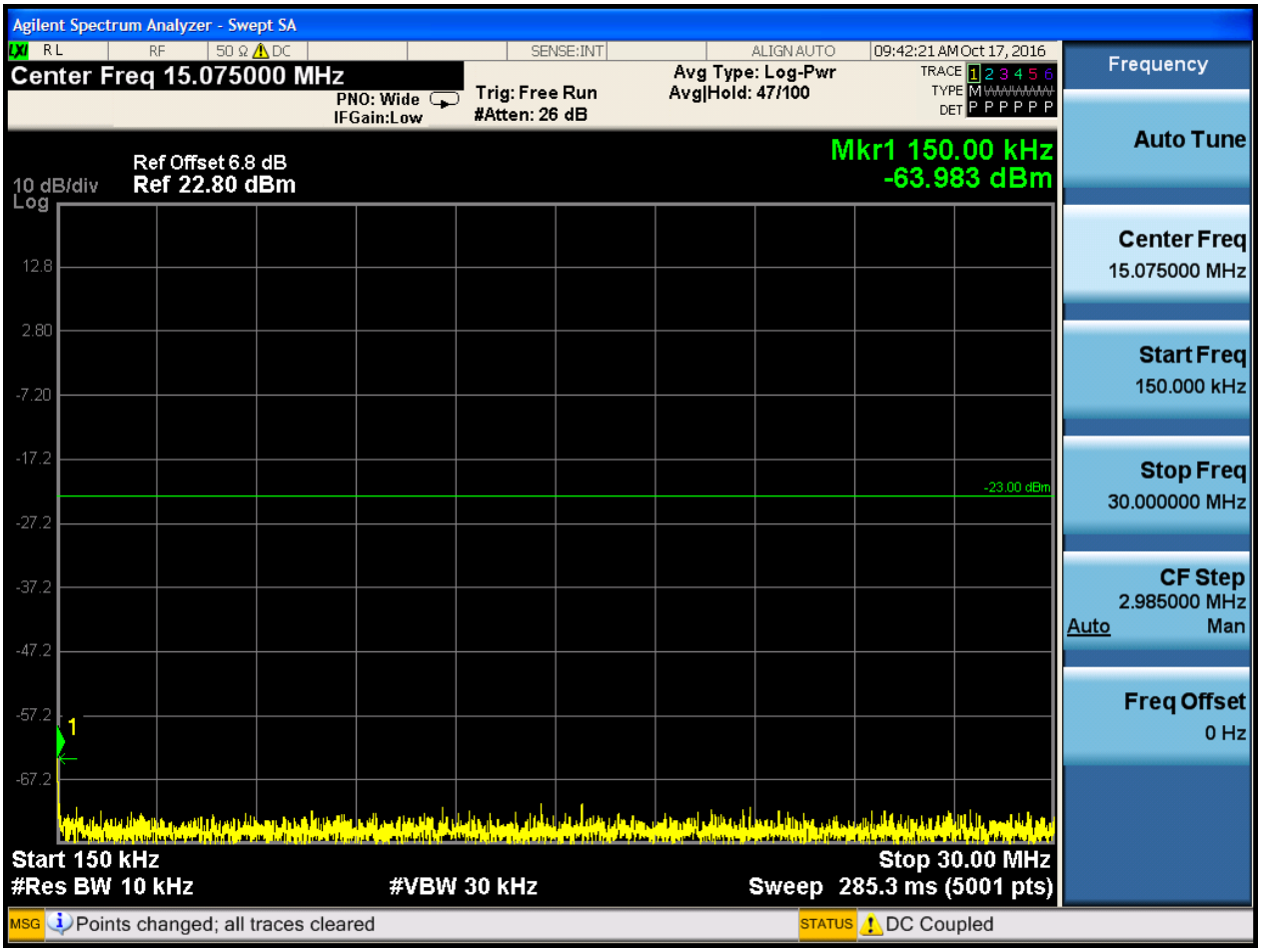
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

6.1.1.1.1.2 Test Channel = MCH

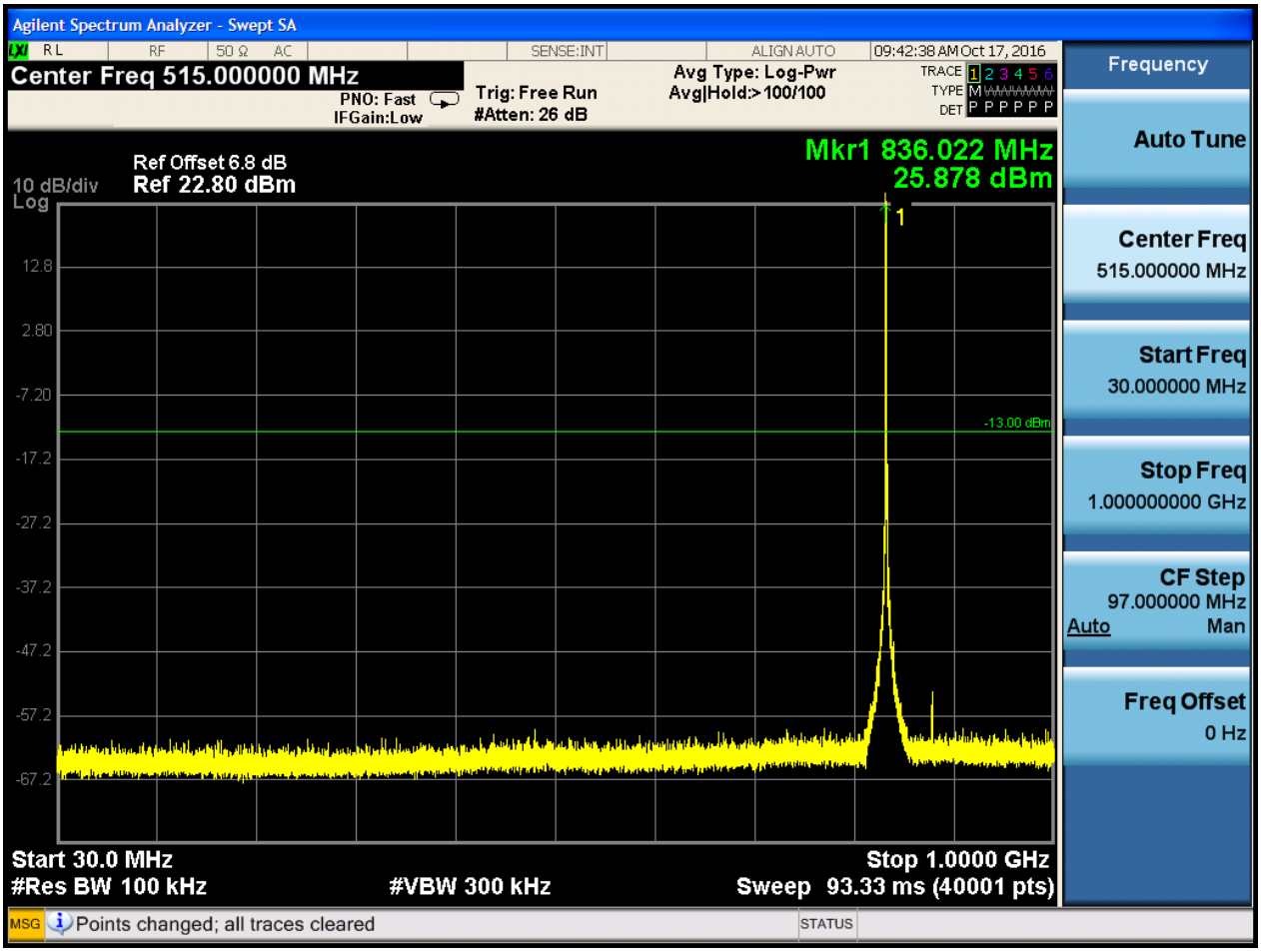
6.1.1.1.1.2.1 Test RB = RB1#0



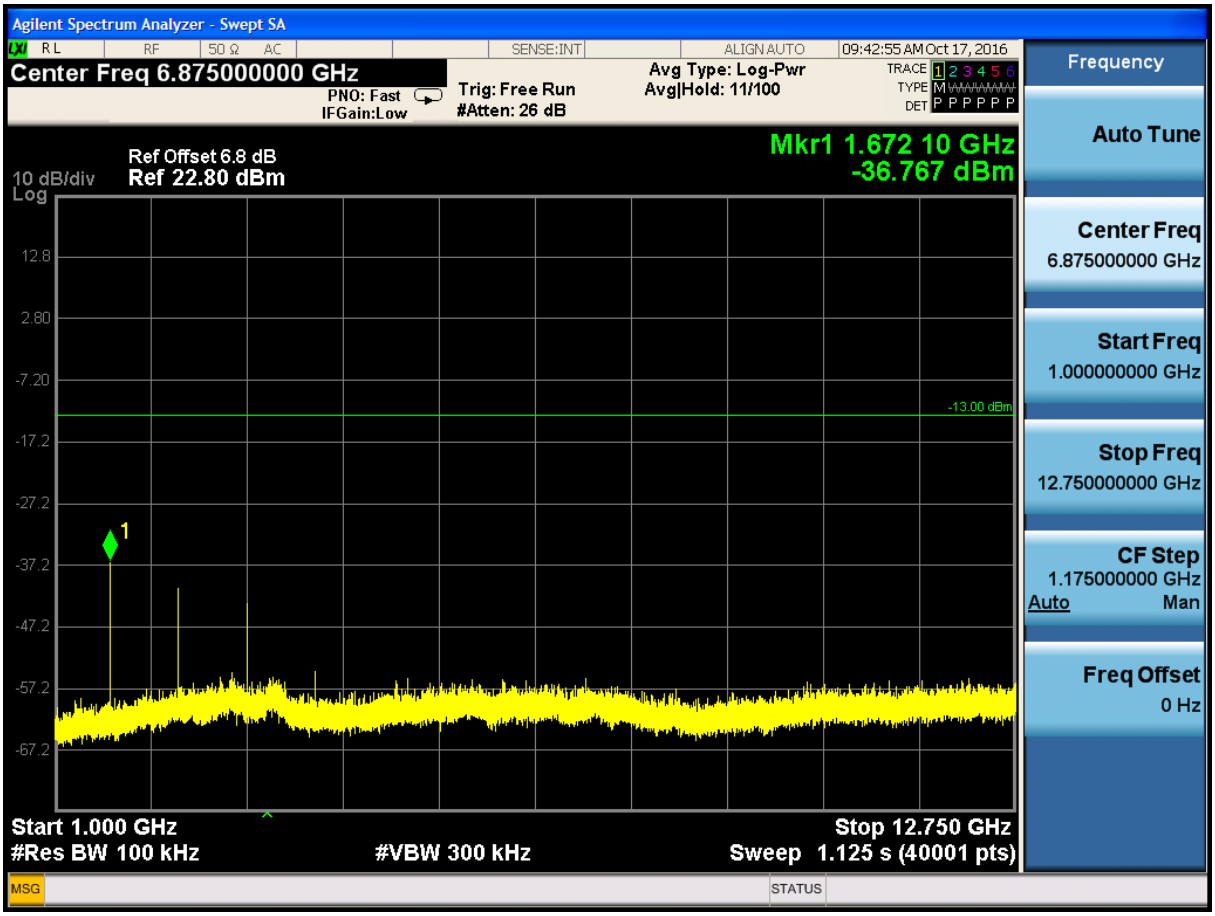
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



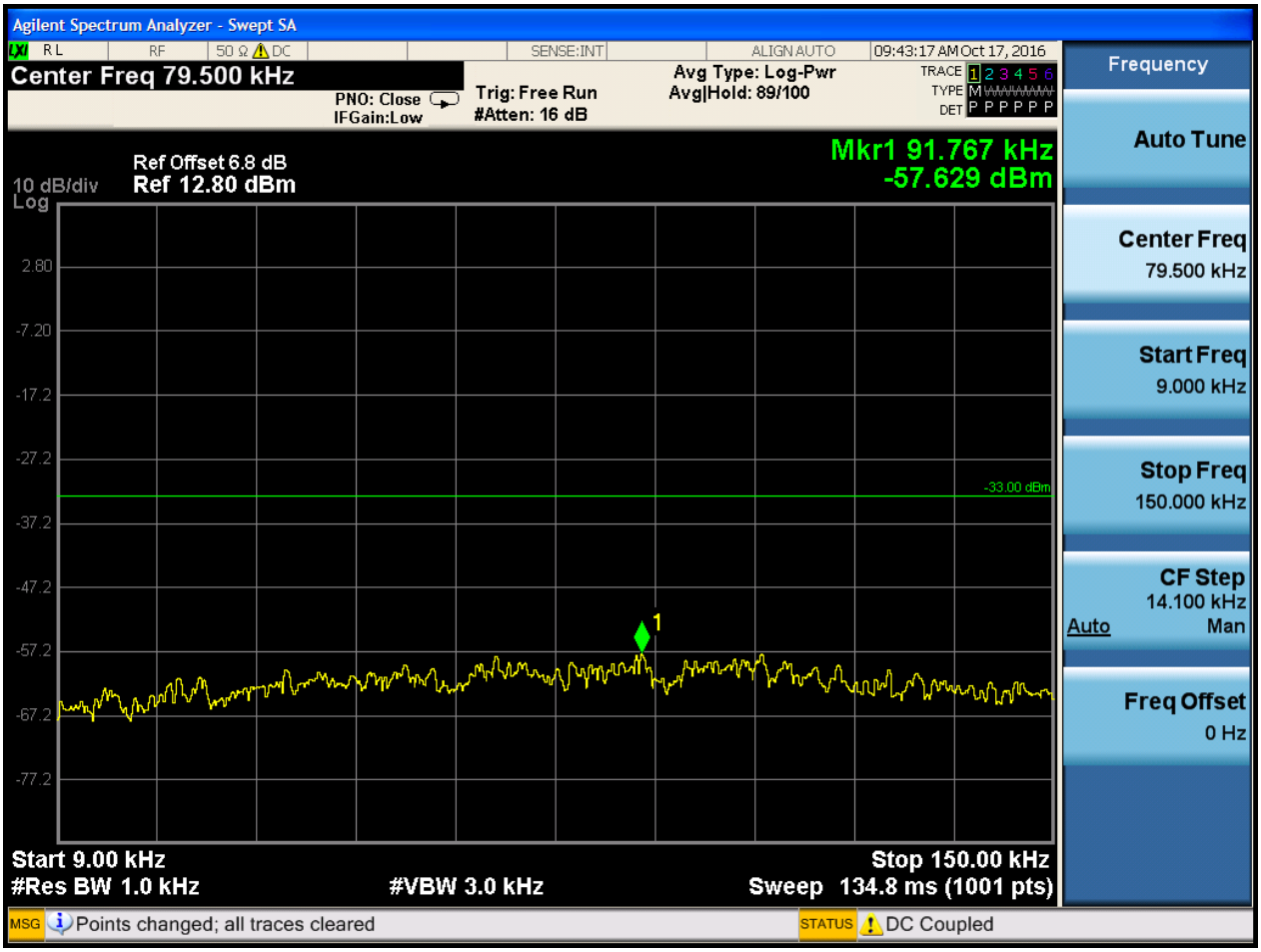
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



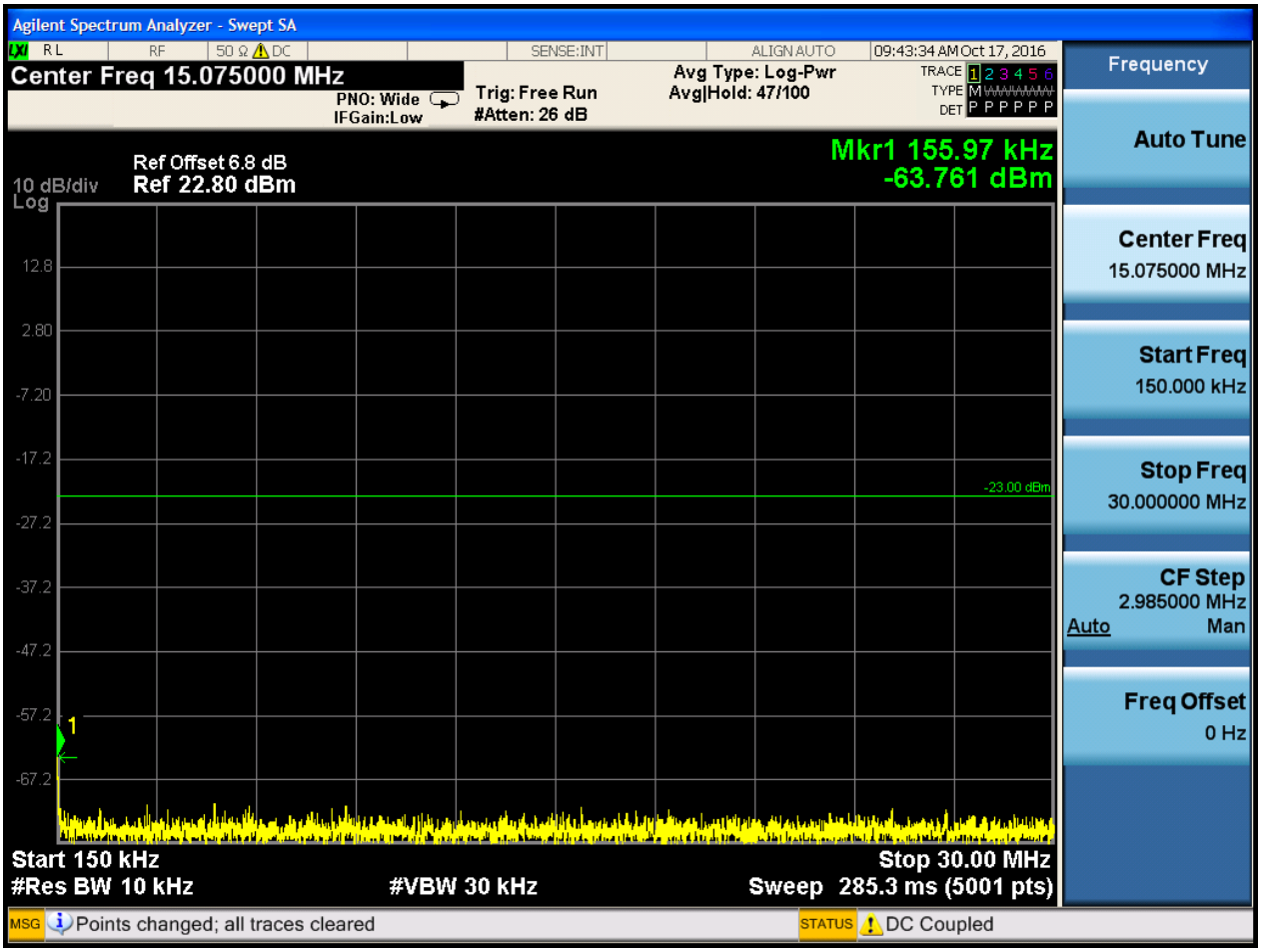
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

6.1.1.1.1.3 Test Channel = HCH

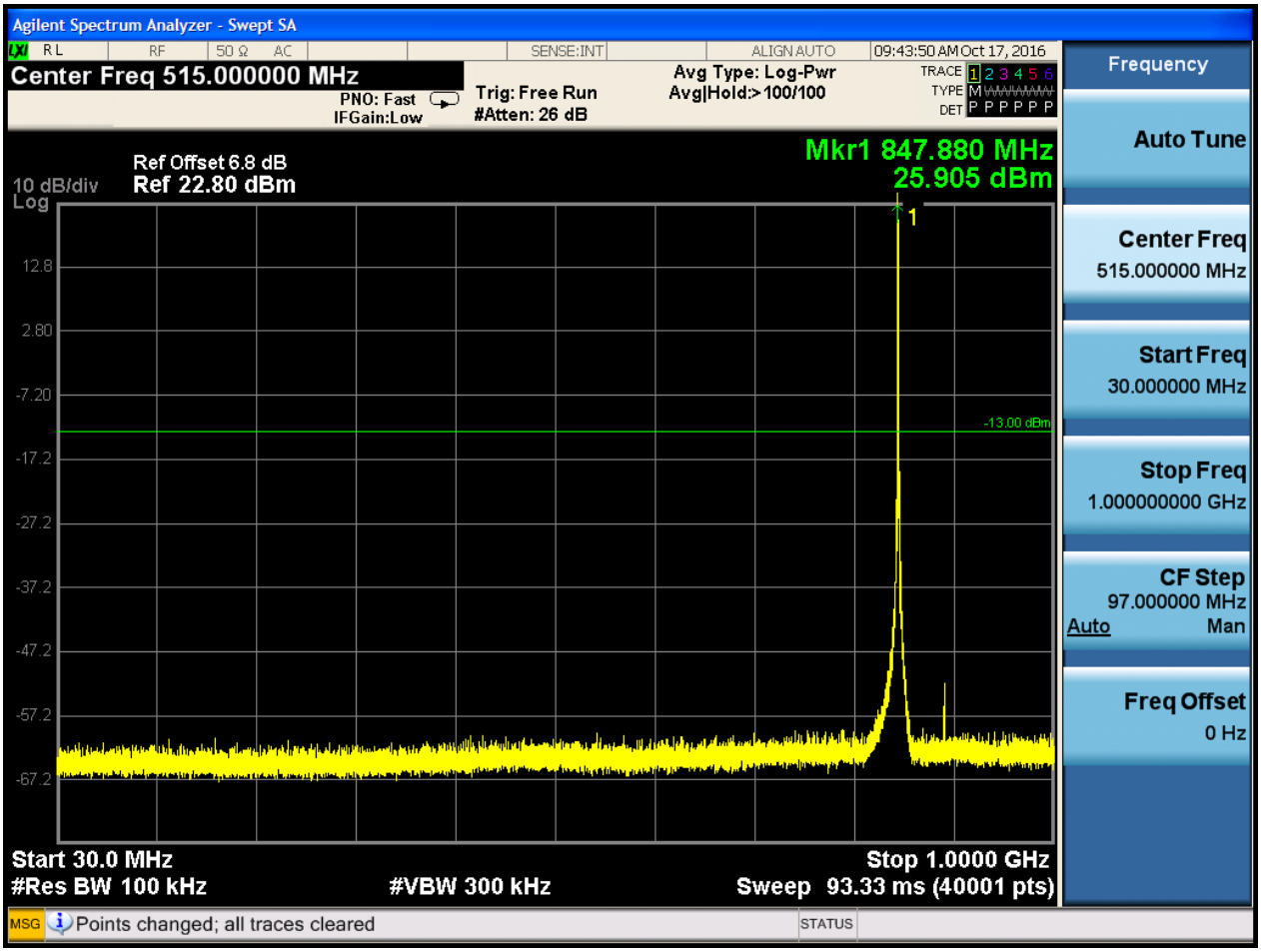
6.1.1.1.1.3.1 Test RB = RB1#0



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.