Appendix for test report

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1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
BAND5	LTE/TM1	1.4	LCH	RB1#0	21.99	17.17	38.5	PASS
				RB1#3	22.03	17.11	38.5	PASS
				RB1#5	21.99	16.87	38.5	PASS
				RB3#0	22.05	17.04	38.5	PASS
				RB3#2	22.05	16.89	38.5	PASS
				RB3#3	22.06	17.14	38.5	PASS
				RB6#0	20.96	15.90	38.5	PASS
			MCH	RB1#0	21.8	16.75	38.5	PASS
				RB1#3	21.81	16.90	38.5	PASS
				RB1#5	21.72	16.71	38.5	PASS
				RB3#0	21.78	16.75	38.5	PASS
				RB3#2	21.8	16.69	38.5	PASS
				RB3#3	21.78	16.86	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.75	15.65	38.5	PASS
			HCH	RB1#0	21.54	16.49	38.5	PASS
				RB1#3	21.59	16.73	38.5	PASS
				RB1#5	21.55	16.49	38.5	PASS
				RB3#0	21.55	16.64	38.5	PASS
				RB3#2	21.57	16.61	38.5	PASS
				RB3#3	21.58	16.43	38.5	PASS
				RB6#0	20.54	15.44	38.5	PASS
		3	LCH	RB1#0	21.92	16.88	38.5	PASS
				RB1#7	21.93	16.97	38.5	PASS
				RB1#14	21.86	16.86	38.5	PASS
				RB8#0	21.03	15.85	38.5	PASS
				RB8#4	20.98	16.09	38.5	PASS
				RB8#7	20.97	16.00	38.5	PASS
				RB15#0	20.99	16.04	38.5	PASS
			MCH	RB1#0	21.77	16.80	38.5	PASS
				RB1#7	21.74	16.85	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.67	16.64	38.5	PASS
				RB8#0	20.85	15.98	38.5	PASS
				RB8#4	20.83	15.73	38.5	PASS
				RB8#7	20.77	15.90	38.5	PASS
				RB15#0	20.79	15.81	38.5	PASS
			HCH	RB1#0	21.73	16.83	38.5	PASS
				RB1#7	21.52	16.62	38.5	PASS
				RB1#14	21.49	16.65	38.5	PASS
				RB8#0	20.66	15.55	38.5	PASS
				RB8#4	20.64	15.56	38.5	PASS
				RB8#7	20.59	15.78	38.5	PASS
				RB15#0	20.64	15.49	38.5	PASS
		5	LCH	RB1#0	22.09	17.13	38.5	PASS
				RB1#13	21.98	17.07	38.5	PASS
				RB1#24	22.04	17.23	38.5	PASS
				RB12#0	21	15.91	38.5	PASS
				RB12#6	20.99	16.08	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#13	20.95	15.87	38.5	PASS
				RB25#0	20.92	16.02	38.5	PASS
			MCH	RB1#0	22.05	17.21	38.5	PASS
				RB1#13	21.85	16.86	38.5	PASS
				RB1#24	21.83	16.90	38.5	PASS
				RB12#0	20.91	15.94	38.5	PASS
				RB12#6	20.85	15.78	38.5	PASS
				RB12#13	20.8	15.73	38.5	PASS
				RB25#0	20.81	15.68	38.5	PASS
			HCH	RB1#0	22.36	17.50	38.5	PASS
				RB1#13	21.89	16.92	38.5	PASS
				RB1#24	21.75	16.64	38.5	PASS
				RB12#0	21.21	16.31	38.5	PASS
				RB12#6	20.91	15.90	38.5	PASS
				RB12#13	20.72	15.63	38.5	PASS
				RB25#0	20.91	15.84	38.5	PASS
		10	LCH	RB1#0	22.02	16.93	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#25	21.98	16.93	38.5	PASS
				RB1#49	22.05	17.09	38.5	PASS
				RB25#0	20.97	16.10	38.5	PASS
				RB25#13	21.01	16.03	38.5	PASS
				RB25#25	21.08	15.93	38.5	PASS
				RB50#0	21.04	16.07	38.5	PASS
			MCH	RB1#0	22	17.00	38.5	PASS
				RB1#25	21.76	16.71	38.5	PASS
				RB1#49	21.91	16.78	38.5	PASS
				RB25#0	20.93	15.88	38.5	PASS
				RB25#13	20.81	15.86	38.5	PASS
				RB25#25	20.8	15.98	38.5	PASS
				RB50#0	20.85	15.72	38.5	PASS
			HCH	RB1#0	21.69	16.81	38.5	PASS
				RB1#25	22.23	17.41	38.5	PASS
				RB1#49	21.62	16.81	38.5	PASS
				RB25#0	21.02	16.07	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.17	16.26	38.5	PASS
				RB25#25	20.92	15.73	38.5	PASS
				RB50#0	20.97	15.89	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.32	16.38	38.5	PASS
				RB1#3	21.41	16.28	38.5	PASS
				RB1#5	21.32	16.21	38.5	PASS
				RB3#0	21.21	16.09	38.5	PASS
				RB3#2	21.21	16.38	38.5	PASS
				RB3#3	21.2	16.18	38.5	PASS
				RB6#0	20.1	15.25	38.5	PASS
			MCH	RB1#0	21.13	16.05	38.5	PASS
				RB1#3	21.16	16.00	38.5	PASS
				RB1#5	21.08	15.98	38.5	PASS
				RB3#0	20.96	15.99	38.5	PASS
				RB3#2	20.97	16.14	38.5	PASS
				RB3#3	20.94	15.98	38.5	PASS
				RB6#0	19.87	14.70	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	20.85	15.95	38.5	PASS
				RB1#3	20.94	15.98	38.5	PASS
				RB1#5	20.86	15.80	38.5	PASS
				RB3#0	20.76	15.79	38.5	PASS
				RB3#2	20.75	15.72	38.5	PASS
				RB3#3	20.77	15.57	38.5	PASS
				RB6#0	19.68	14.86	38.5	PASS
		3	LCH	RB1#0	21.37	16.53	38.5	PASS
				RB1#7	21.38	16.33	38.5	PASS
				RB1#14	21.27	16.43	38.5	PASS
				RB8#0	20.15	15.17	38.5	PASS
				RB8#4	20.12	15.29	38.5	PASS
				RB8#7	20.11	15.07	38.5	PASS
				RB15#0	20.05	15.04	38.5	PASS
			MCH	RB1#0	21.21	16.05	38.5	PASS
				RB1#7	21.19	16.12	38.5	PASS
				RB1#14	21.09	16.00	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#0	19.97	14.86	38.5	PASS
				RB8#4	19.96	14.97	38.5	PASS
				RB8#7	19.92	14.73	38.5	PASS
				RB15#0	19.84	14.76	38.5	PASS
			HCH	RB1#0	21.18	16.01	38.5	PASS
				RB1#7	20.96	16.10	38.5	PASS
				RB1#14	20.88	15.89	38.5	PASS
				RB8#0	19.8	14.77	38.5	PASS
				RB8#4	19.73	14.62	38.5	PASS
				RB8#7	19.72	14.60	38.5	PASS
				RB15#0	19.71	14.76	38.5	PASS
		5	LCH	RB1#0	21.26	16.20	38.5	PASS
				RB1#13	21.2	16.08	38.5	PASS
				RB1#24	21.23	16.13	38.5	PASS
				RB12#0	20.04	14.98	38.5	PASS
				RB12#6	20.02	14.96	38.5	PASS
				RB12#13	19.99	14.92	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	19.91	15.03	38.5	PASS
			MCH	RB1#0	21.19	16.36	38.5	PASS
				RB1#13	21.06	15.87	38.5	PASS
				RB1#24	21.05	15.98	38.5	PASS
				RB12#0	19.93	14.88	38.5	PASS
				RB12#6	19.87	14.91	38.5	PASS
				RB12#13	19.83	14.77	38.5	PASS
				RB25#0	19.78	14.77	38.5	PASS
			HCH	RB1#0	21.54	16.55	38.5	PASS
				RB1#13	21.07	16.06	38.5	PASS
				RB1#24	20.92	15.80	38.5	PASS
				RB12#0	20.24	15.08	38.5	PASS
				RB12#6	19.94	14.85	38.5	PASS
				RB12#13	19.75	14.71	38.5	PASS
				RB25#0	19.89	15.06	38.5	PASS
		10	LCH	RB1#0	21.46	16.35	38.5	PASS
				RB1#25	21.43	16.49	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.46	16.52	38.5	PASS
				RB25#0	20	15.02	38.5	PASS
				RB25#13	20.01	14.89	38.5	PASS
				RB25#25	20.08	15.01	38.5	PASS
				RB50#0	20.05	15.07	38.5	PASS
			MCH	RB1#0	21.45	16.31	38.5	PASS
				RB1#25	21.22	16.10	38.5	PASS
				RB1#49	21.34	16.17	38.5	PASS
				RB25#0	19.94	14.74	38.5	PASS
				RB25#13	19.81	14.87	38.5	PASS
				RB25#25	19.78	14.96	38.5	PASS
				RB50#0	19.87	14.83	38.5	PASS
			HCH	RB1#0	21.16	16.25	38.5	PASS
				RB1#25	21.68	16.81	38.5	PASS
				RB1#49	21.04	15.96	38.5	PASS
				RB25#0	20.04	14.99	38.5	PASS
				RB25#13	20.19	15.30	38.5	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	19.91	14.89	38.5	PASS
				RB50#0	20	14.81	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:

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

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2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

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	4.78	13	PASS
				RB1#3	4.69	13	PASS
				RB1#5	4.8	13	PASS
				RB3#0	5.84	13	PASS
				RB3#2	5.85	13	PASS
				RB3#3	5.82	13	PASS
				RB6#0	7.06	13	PASS
			MCH	RB1#0	4.8	13	PASS
				RB1#3	4.87	13	PASS
				RB1#5	4.84	13	PASS
				RB3#0	5.81	13	PASS
				RB3#2	5.82	13	PASS
				RB3#3	5.83	13	PASS
				RB6#0	7.06	13	PASS
			HCH	RB1#0	4.76	13	PASS
				RB1#3	4.72	13	PASS
				RB1#5	4.62	13	PASS
				RB3#0	5.73	13	PASS
				RB3#2	5.59	13	PASS
				RB3#3	5.56	13	PASS
				RB6#0	7.13	13	PASS
		3	LCH	RB1#0	5.05	13	PASS
				RB1#7	4.81	13	PASS
				RB1#14	4.96	13	PASS
				RB8#0	6.78	13	PASS
				RB8#4	6.77	13	PASS
				RB8#7	6.74	13	PASS
				RB15#0	6.46	13	PASS
			MCH	RB1#0	5.03	13	PASS
				RB1#7	5.08	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	5.1	13	PASS
				RB8#0	6.65	13	PASS
				RB8#4	6.67	13	PASS
				RB8#7	6.68	13	PASS
				RB15#0	6.31	13	PASS
			HCH	RB1#0	5.21	13	PASS
				RB1#7	5.04	13	PASS
				RB1#14	4.85	13	PASS
				RB8#0	6.72	13	PASS
				RB8#4	6.61	13	PASS
				RB8#7	6.55	13	PASS
				RB15#0	6.02	13	PASS
		5	LCH	RB1#0	4.72	13	PASS
				RB1#13	4.9	13	PASS
				RB1#24	4.88	13	PASS
				RB12#0	6.41	13	PASS
				RB12#6	6.33	13	PASS
				RB12#13	6.27	13	PASS
				RB25#0	6.28	13	PASS
			MCH	RB1#0	4.86	13	PASS
				RB1#13	4.94	13	PASS
				RB1#24	4.94	13	PASS
				RB12#0	6.36	13	PASS
				RB12#6	6.31	13	PASS
				RB12#13	6.41	13	PASS
				RB25#0	6.19	13	PASS
			HCH	RB1#0	5.11	13	PASS
				RB1#13	4.97	13	PASS
				RB1#24	4.74	13	PASS
				RB12#0	6.34	13	PASS
				RB12#6	6.25	13	PASS
				RB12#13	6.17	13	PASS
				RB25#0	6.08	13	PASS
		10	LCH	RB1#0	5.01	13	PASS
				RB1#25	4.98	13	PASS
				RB1#49	5	13	PASS
				RB25#0	6.43	13	PASS
				RB25#13	6.41	13	PASS
				RB25#25	6.38	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.66	13	PASS
			MCH	RB1#0	4.96	13	PASS
				RB1#25	5.06	13	PASS
				RB1#49	5.24	13	PASS
				RB25#0	6.28	13	PASS
				RB25#13	6.45	13	PASS
				RB25#25	6.53	13	PASS
				RB50#0	6.65	13	PASS
			HCH	RB1#0	5	13	PASS
				RB1#25	5.24	13	PASS
				RB1#49	4.91	13	PASS
				RB25#0	6.56	13	PASS
				RB25#13	6.6	13	PASS
				RB25#25	6.49	13	PASS
				RB50#0	6.84	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.88	13	PASS
				RB1#3	6.08	13	PASS
				RB1#5	6.05	13	PASS
				RB3#0	6.81	13	PASS
				RB3#2	6.85	13	PASS
				RB3#3	6.88	13	PASS
				RB6#0	6.98	13	PASS
			MCH	RB1#0	6.1	13	PASS
				RB1#3	6.17	13	PASS
				RB1#5	5.98	13	PASS
				RB3#0	6.79	13	PASS
				RB3#2	6.82	13	PASS
				RB3#3	6.87	13	PASS
				RB6#0	6.84	13	PASS
			HCH	RB1#0	6.04	13	PASS
				RB1#3	5.98	13	PASS
				RB1#5	5.89	13	PASS
				RB3#0	6.73	13	PASS
				RB3#2	6.61	13	PASS
				RB3#3	6.65	13	PASS
				RB6#0	6.8	13	PASS
		3	LCH	RB1#0	6.19	13	PASS
				RB1#7	6.21	13	PASS
				RB1#14	6.22	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#0	7.16	13	PASS
				RB8#4	7.2	13	PASS
				RB8#7	7.2	13	PASS
				RB15#0	7.42	13	PASS
			MCH	RB1#0	6.28	13	PASS
				RB1#7	6.38	13	PASS
				RB1#14	6.3	13	PASS
				RB8#0	7.02	13	PASS
				RB8#4	7.05	13	PASS
				RB8#7	7.07	13	PASS
				RB15#0	7.18	13	PASS
			HCH	RB1#0	6.55	13	PASS
				RB1#7	6.31	13	PASS
				RB1#14	6.14	13	PASS
				RB8#0	7.17	13	PASS
				RB8#4	7.1	13	PASS
				RB8#7	7.02	13	PASS
				RB15#0	7.19	13	PASS
		5	LCH	RB1#0	6.15	13	PASS
				RB1#13	6.15	13	PASS
				RB1#24	6.2	13	PASS
				RB12#0	7.19	13	PASS
				RB12#6	7.17	13	PASS
				RB12#13	7.12	13	PASS
				RB25#0	7.4	13	PASS
			MCH	RB1#0	6.21	13	PASS
				RB1#13	6.11	13	PASS
				RB1#24	6.41	13	PASS
				RB12#0	7.11	13	PASS
				RB12#6	7.12	13	PASS
				RB12#13	7.24	13	PASS
				RB25#0	7.5	13	PASS
			HCH	RB1#0	6.49	13	PASS
				RB1#13	6.32	13	PASS
				RB1#24	6.07	13	PASS
				RB12#0	7.26	13	PASS
				RB12#6	7.21	13	PASS
				RB12#13	7.26	13	PASS
				RB25#0	7.49	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			LCH	RB1#0	6.3	13	PASS
				RB1#25	6.31	13	PASS
				RB1#49	6.36	13	PASS
				RB25#0	8.04	13	PASS
				RB25#13	8.02	13	PASS
				RB25#25	7.98	13	PASS
				RB50#0	7.91	13	PASS
			MCH	RB1#0	6.33	13	PASS
				RB1#25	6.43	13	PASS
				RB1#49	6.67	13	PASS
		10		RB25#0	7.75	13	PASS
				RB25#13	7.98	13	PASS
				RB25#25	8.01	13	PASS
				RB50#0	8.14	13	PASS
			HCH	RB1#0	6.52	13	PASS
				RB1#25	6.63	13	PASS
				RB1#49	6.28	13	PASS
				RB25#0	8.35	13	PASS
				RB25#13	8.45	13	PASS
				RB25#25	8.1	13	PASS
				RB50#0	8.22	13	PASS

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3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

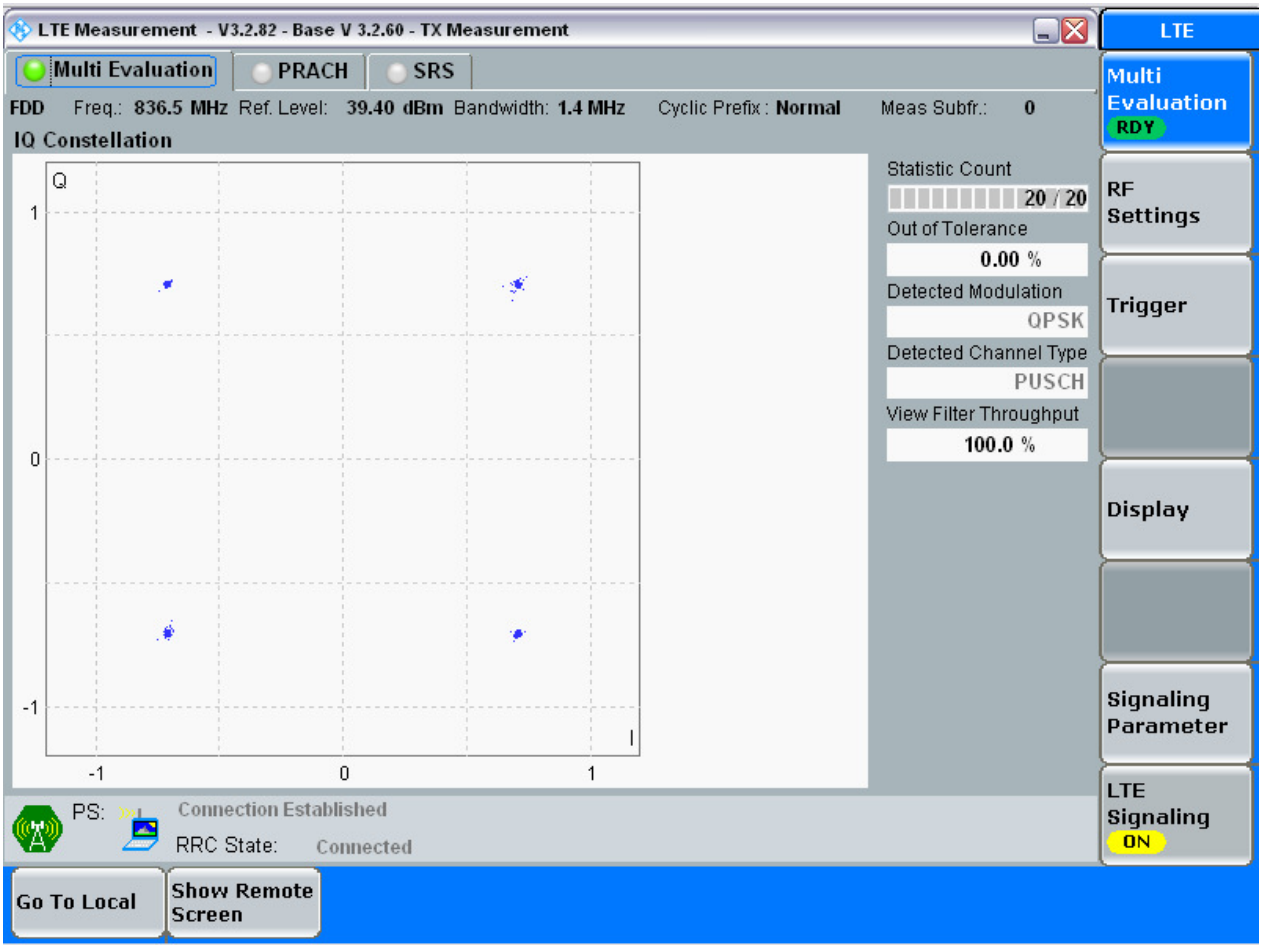
3.1.1 Test Band = BAND5

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



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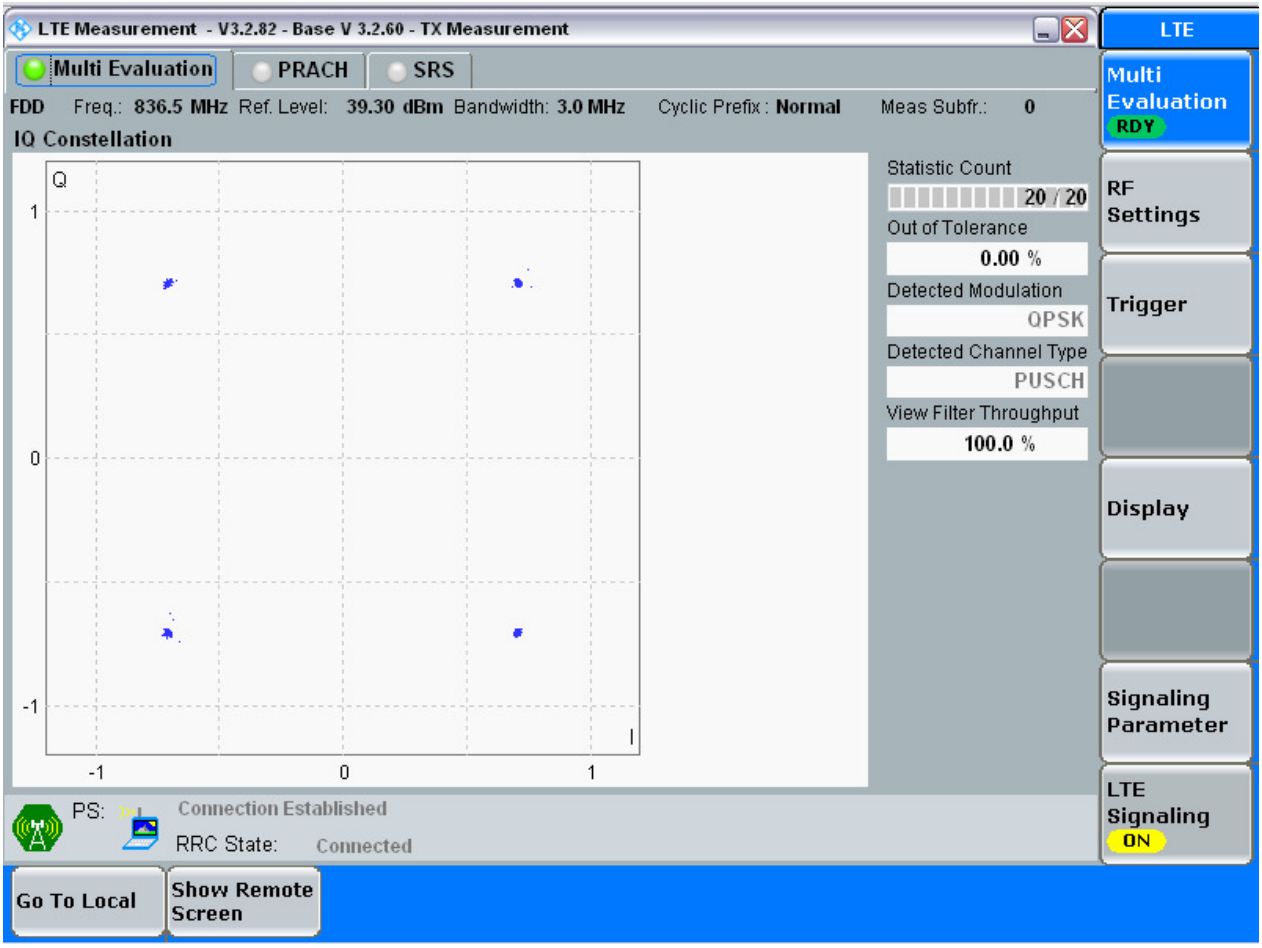
3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB15#0



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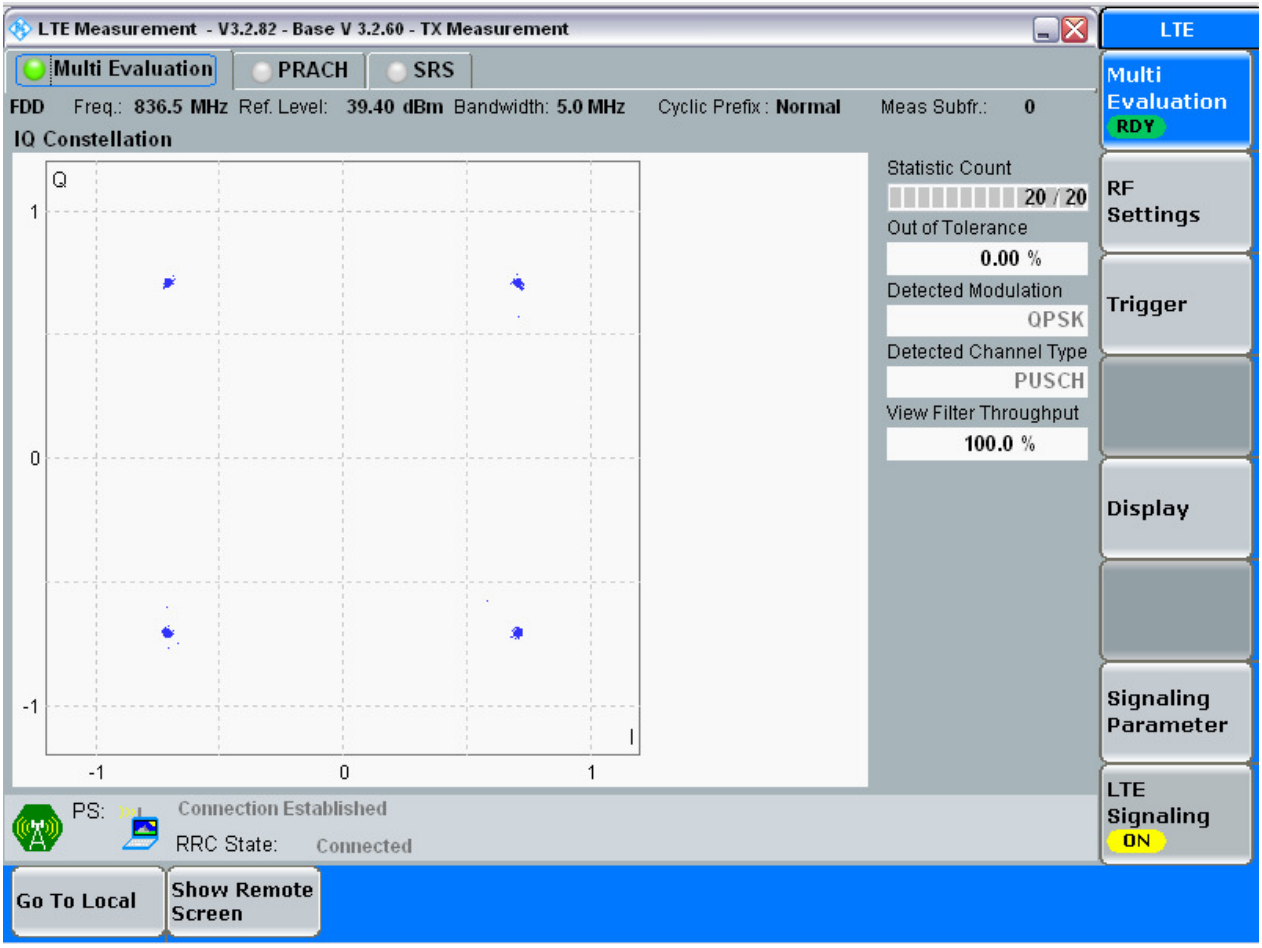
3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB25#0



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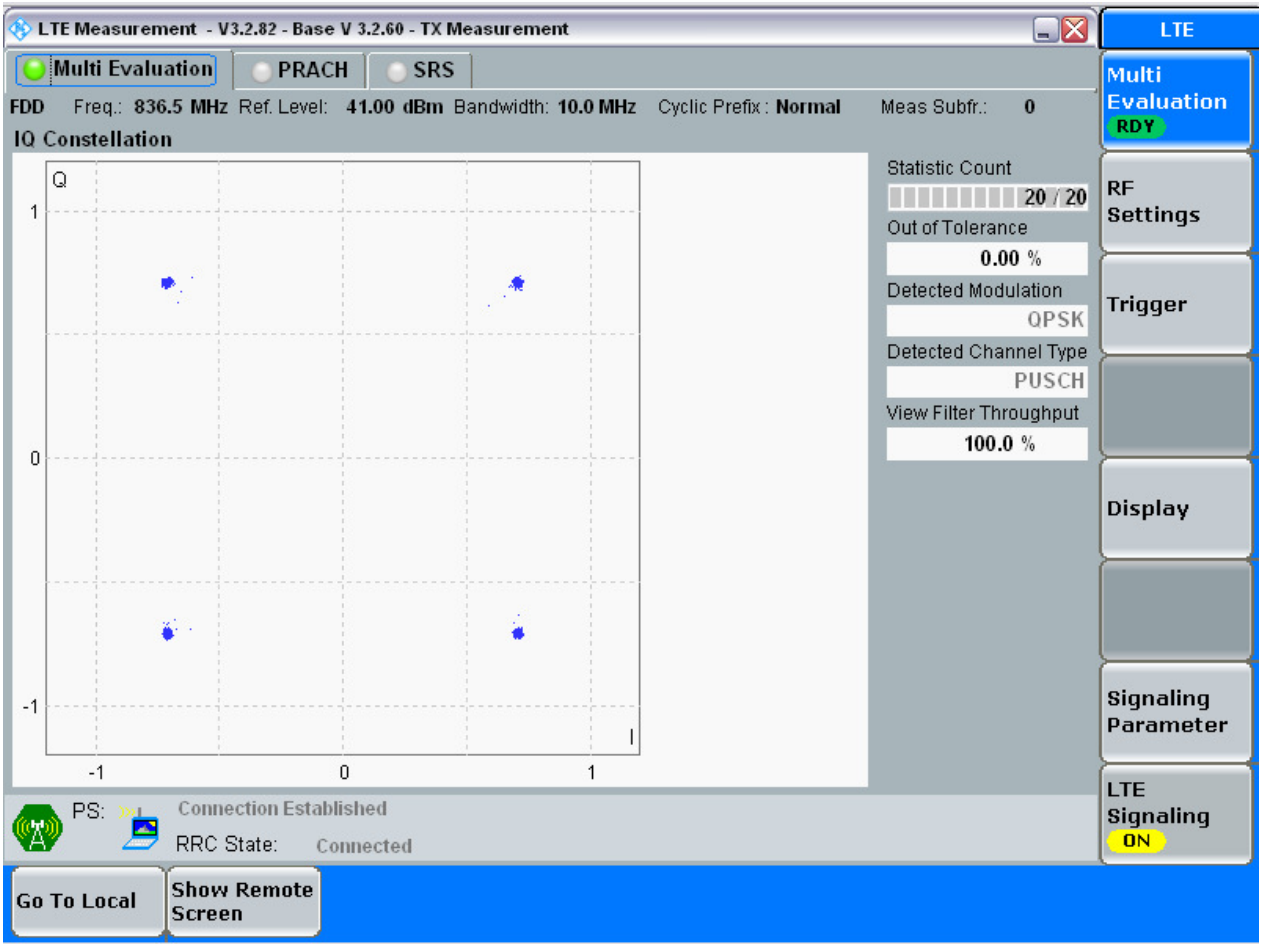
3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0



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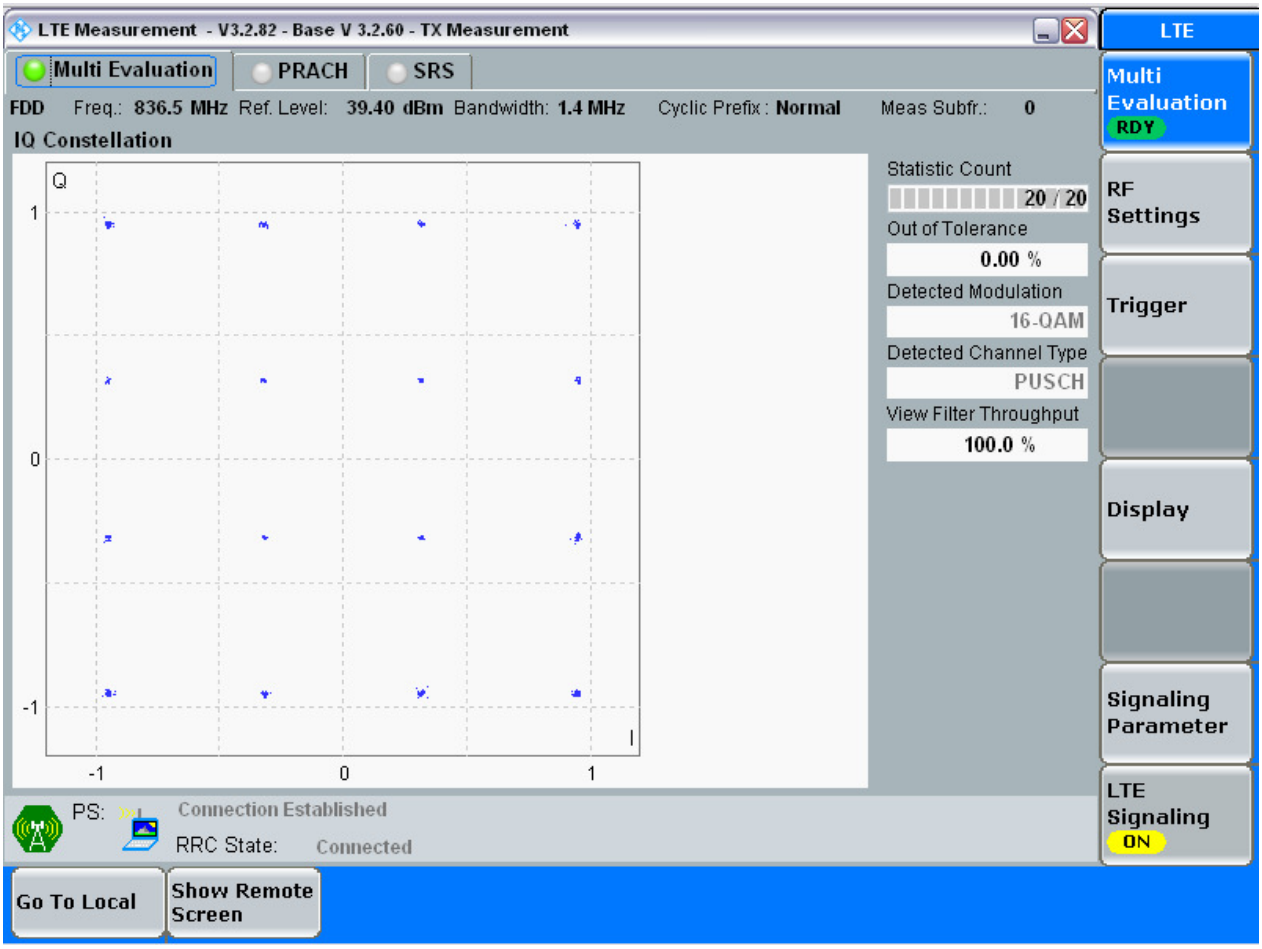
3.1.1.2 Test Mode = LTE/TM2

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



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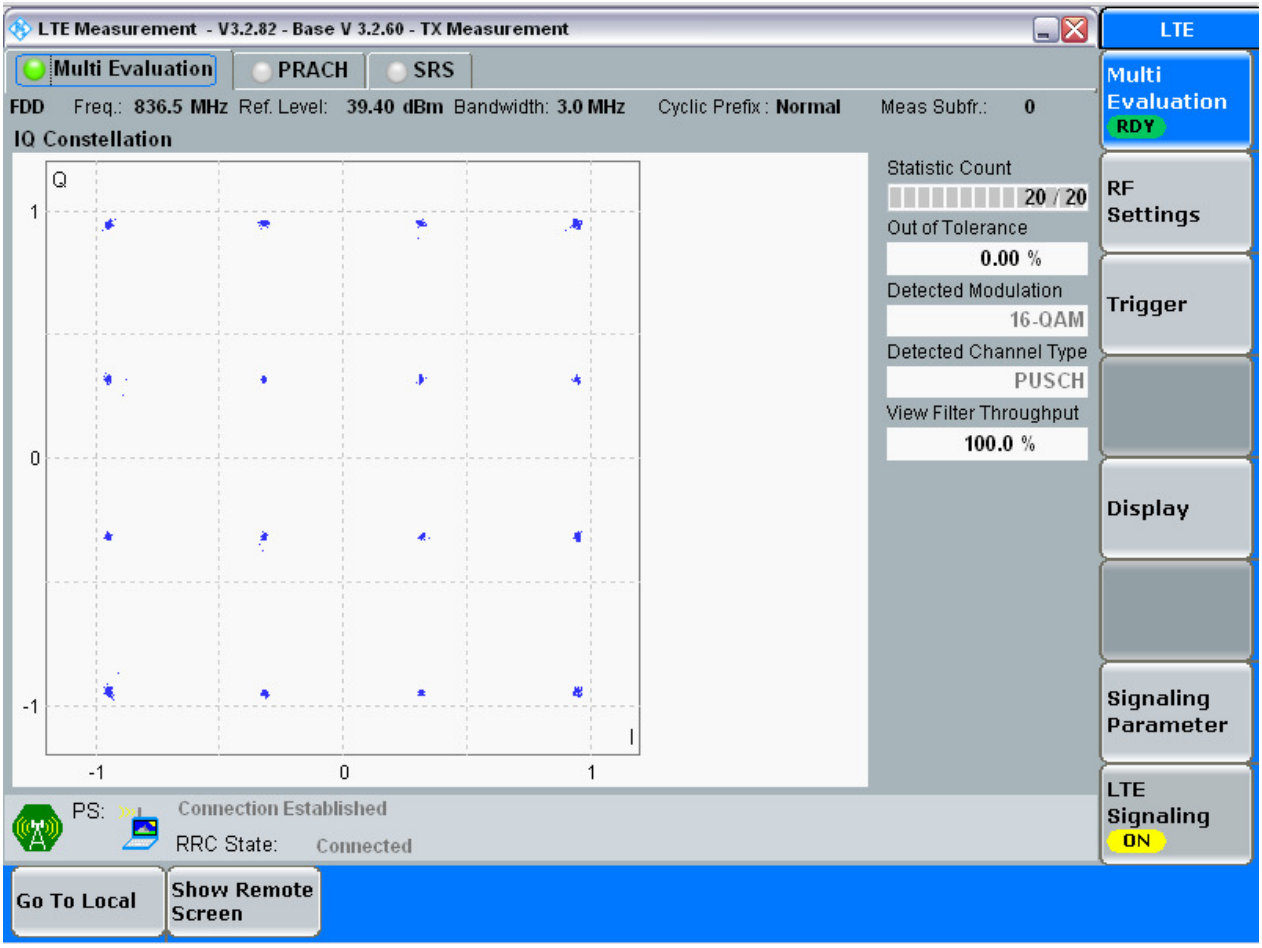
3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0



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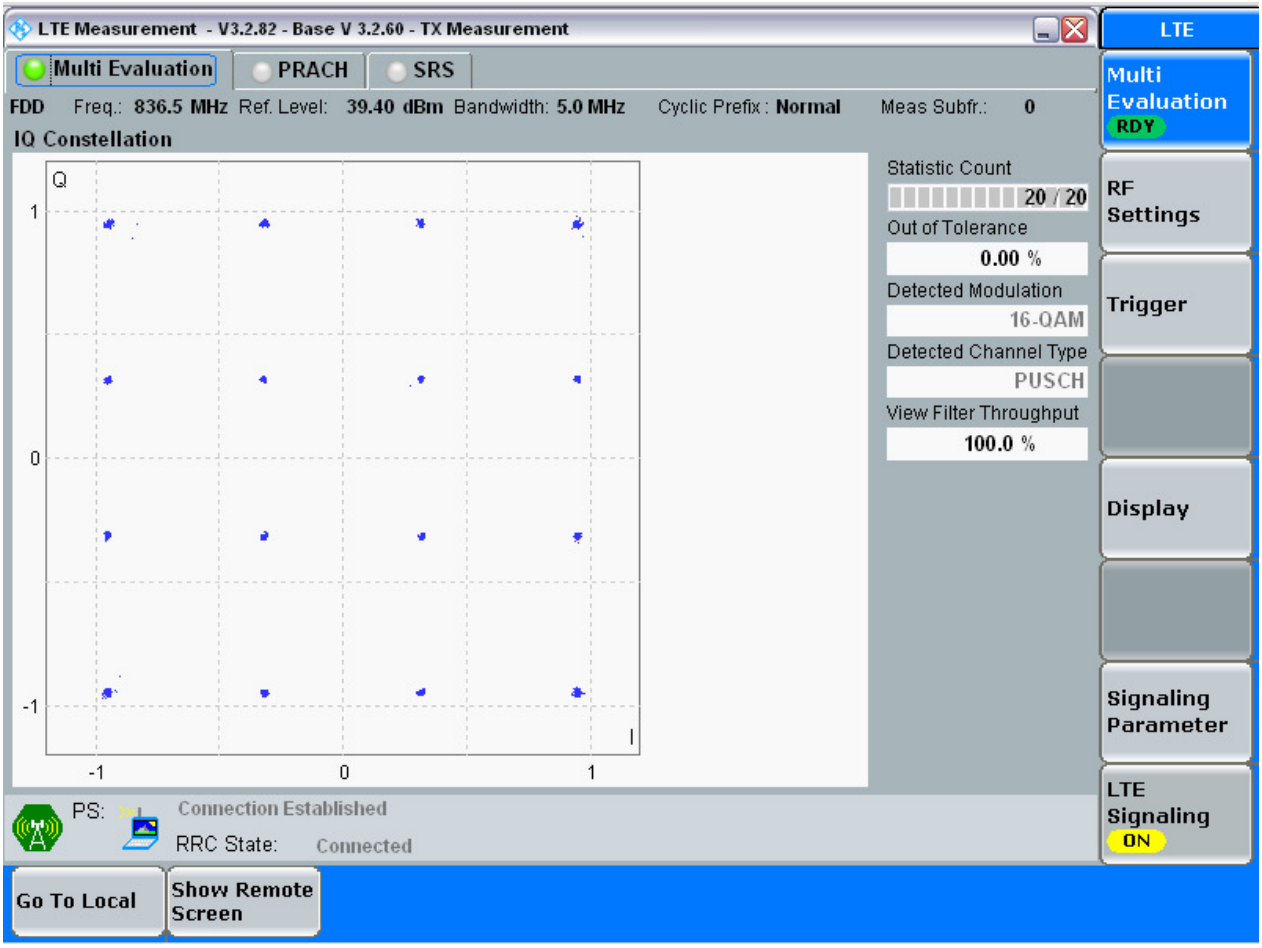
3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB25#0



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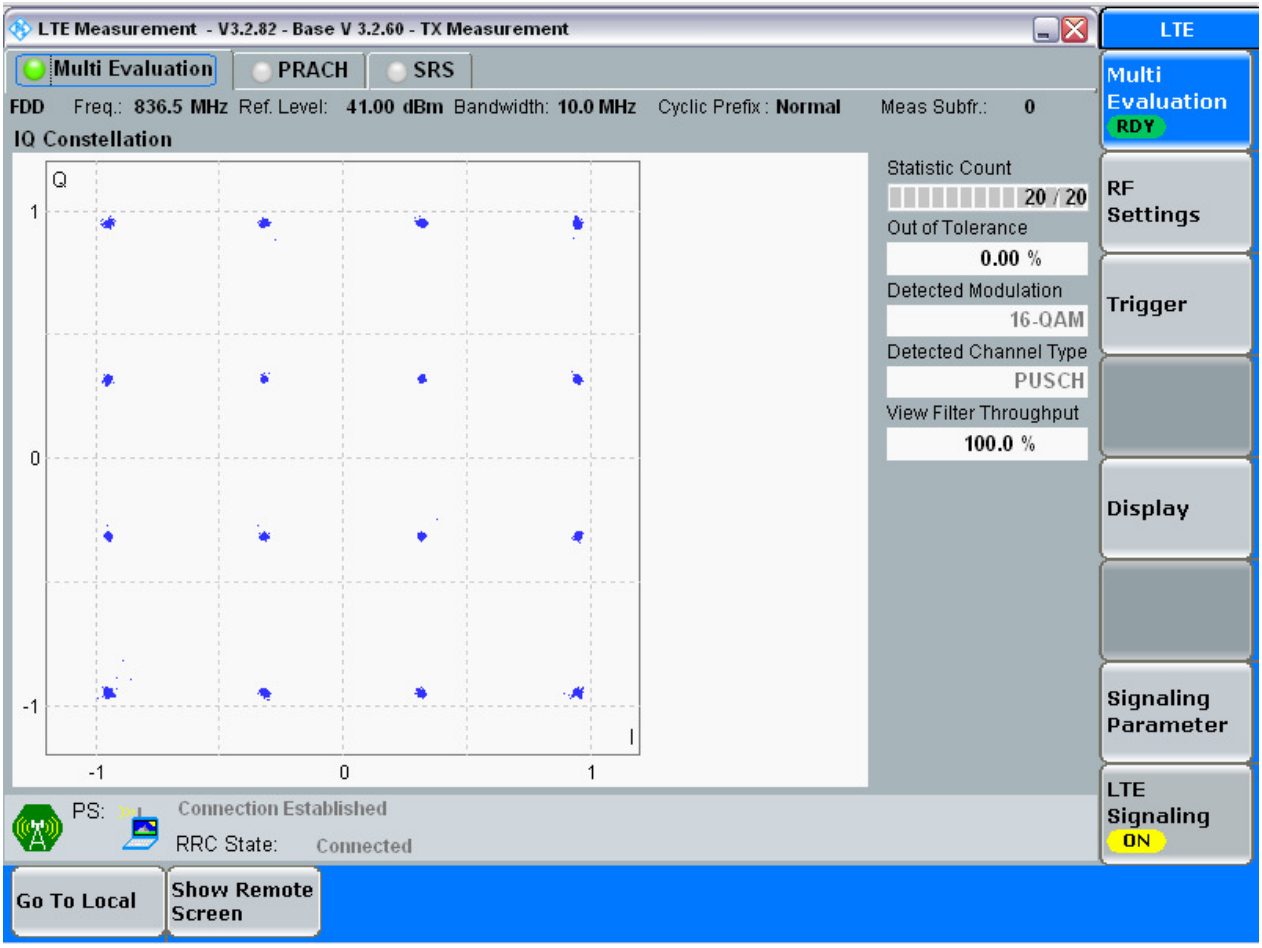
3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0



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4Appendix_D: Bandwidth

Part I - Test Results

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	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.91	Pass
			MCH	RB15#0	2.70	2.91	Pass
			HCH	RB15#0	2.70	2.92	Pass
		5	LCH	RB25#0	4.51	4.91	Pass
			MCH	RB25#0	4.51	4.92	Pass
			HCH	RB25#0	4.51	4.89	Pass
		10	LCH	RB50#0	9.00	9.62	Pass
			MCH	RB50#0	9.01	9.60	Pass
			HCH	RB50#0	9.01	9.63	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.26	Pass
			MCH	RB6#0	1.09	1.26	Pass
			HCH	RB6#0	1.09	1.25	Pass
		3	LCH	RB15#0	2.70	2.92	Pass
			MCH	RB15#0	2.70	2.91	Pass
			HCH	RB15#0	2.70	2.92	Pass
		5	LCH	RB25#0	4.51	4.87	Pass
			MCH	RB25#0	4.51	4.88	Pass
			HCH	RB25#0	4.51	4.89	Pass
		10	LCH	RB50#0	8.98	9.60	Pass
			MCH	RB50#0	9.00	9.61	Pass
			HCH	RB50#0	8.99	9.63	Pass

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Part II - Test Plots

4.1 For LTE

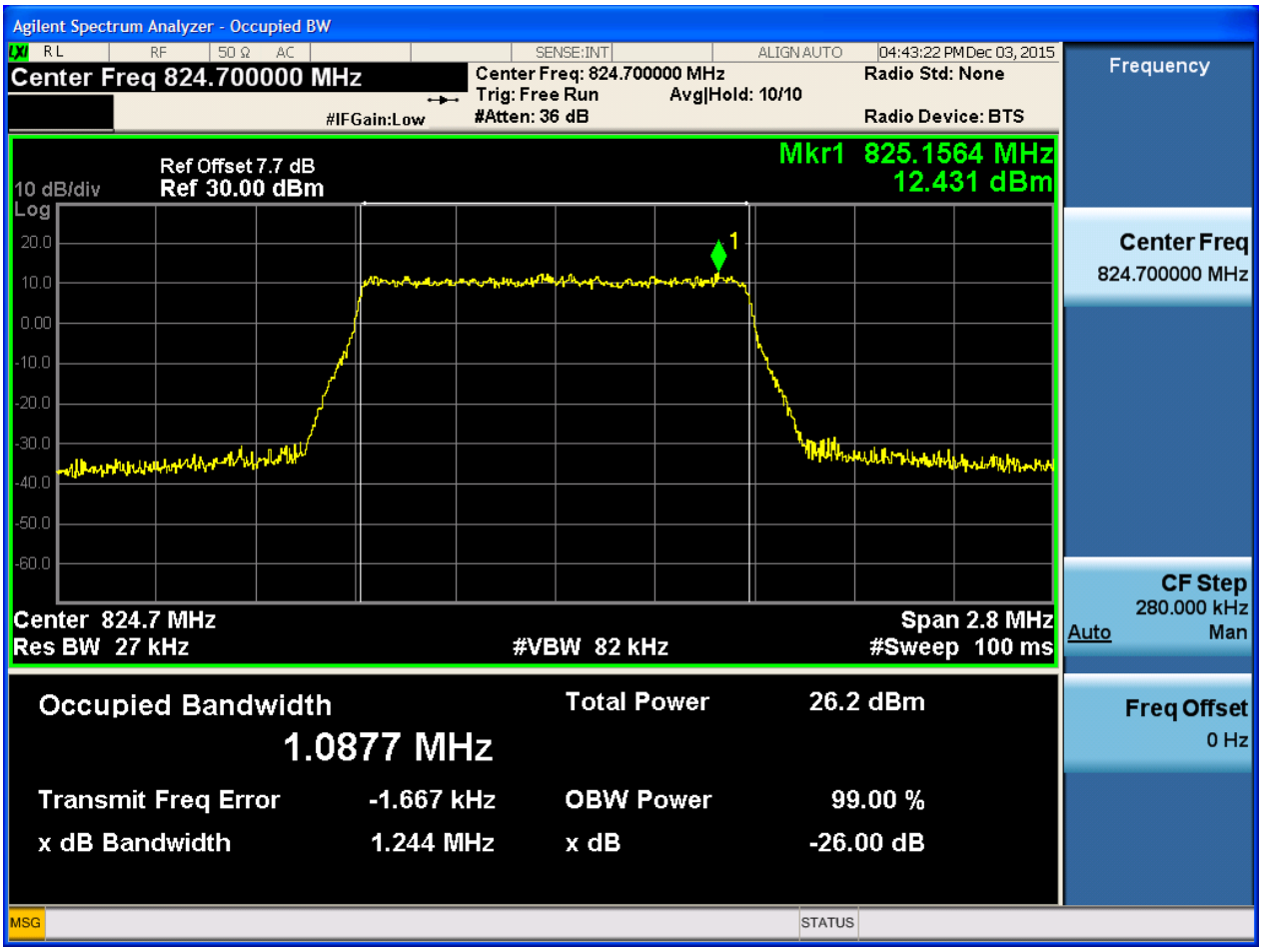
4.1.1 Test Band = BAND5

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



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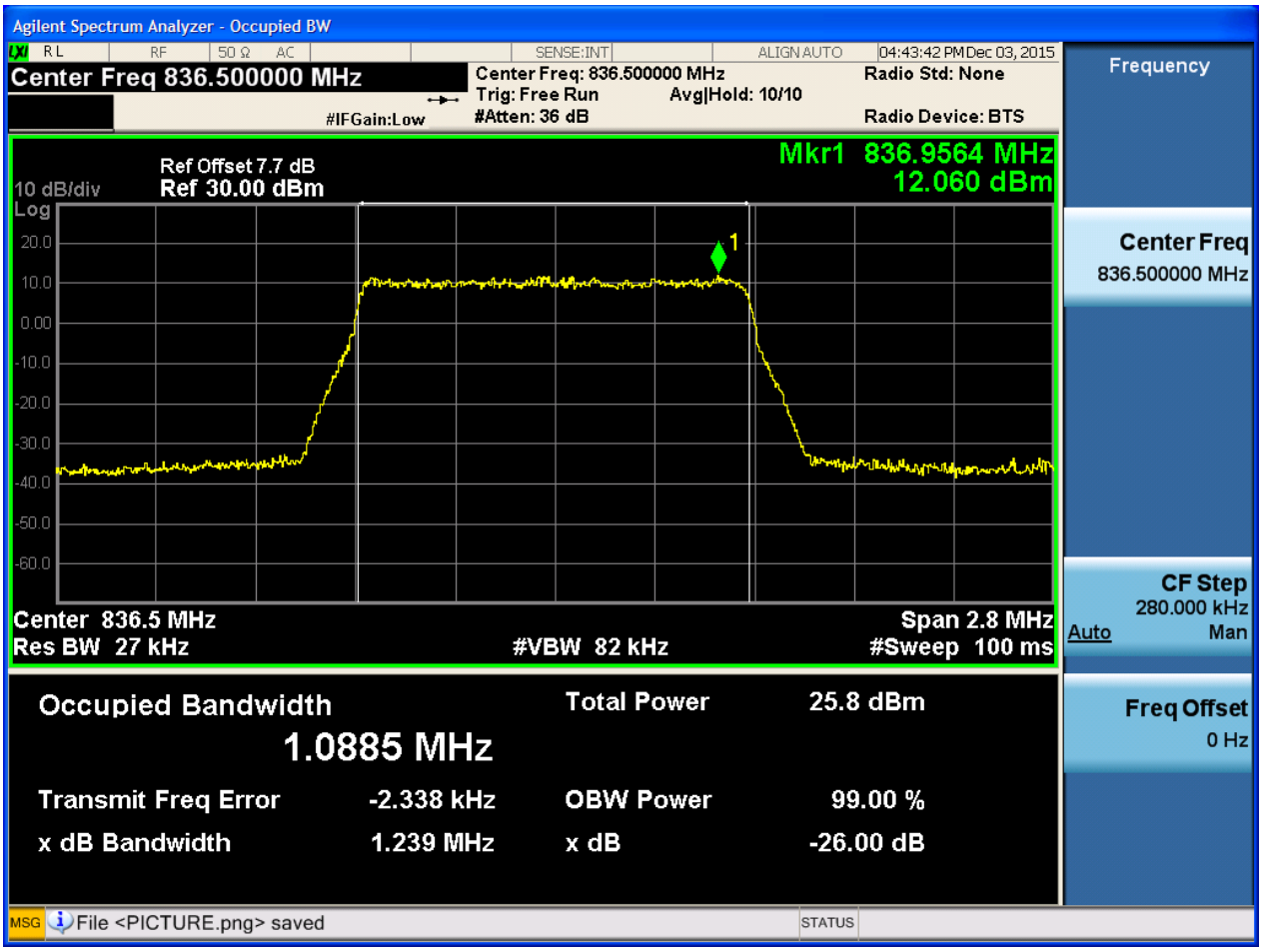
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



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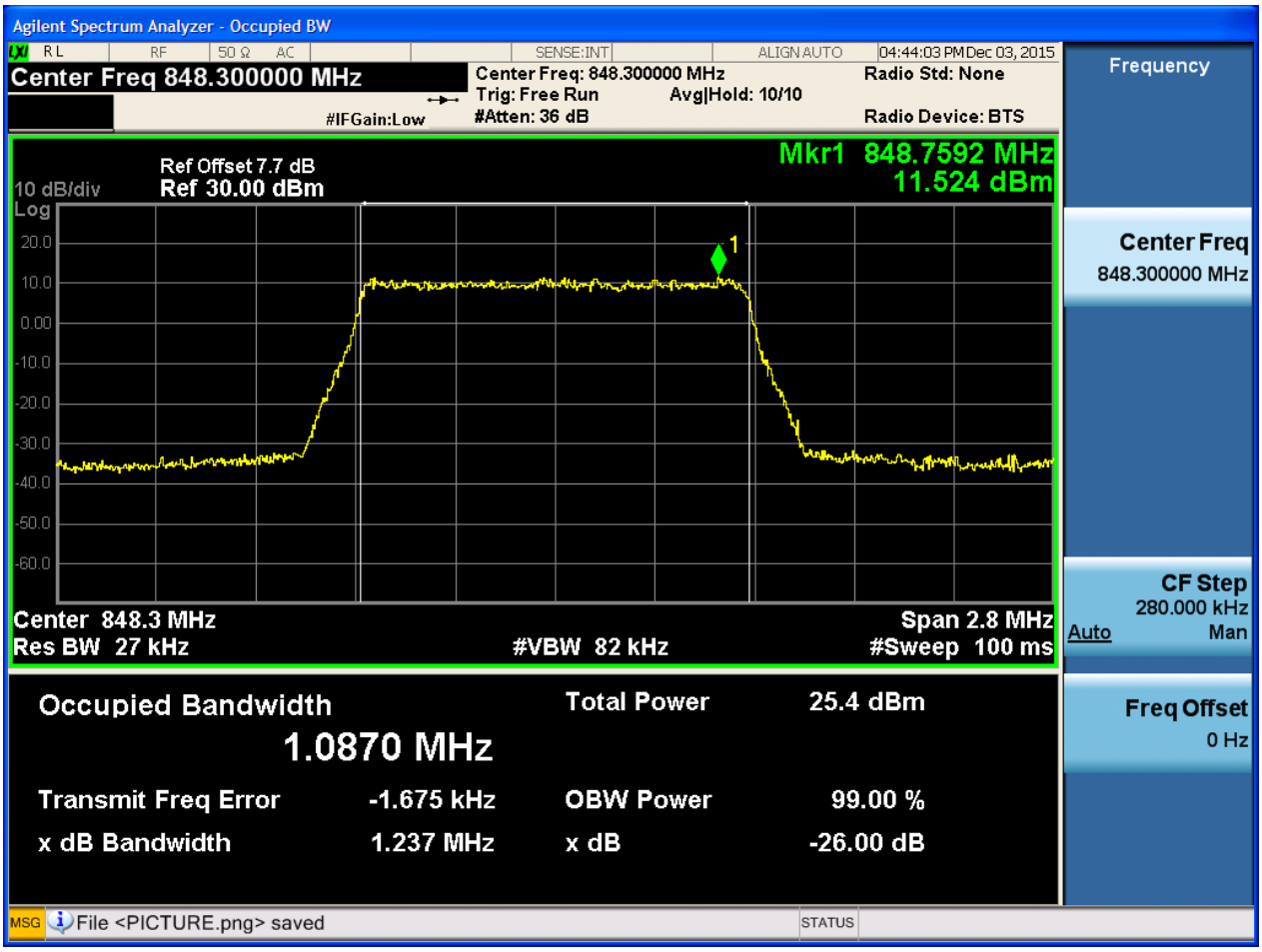
4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0



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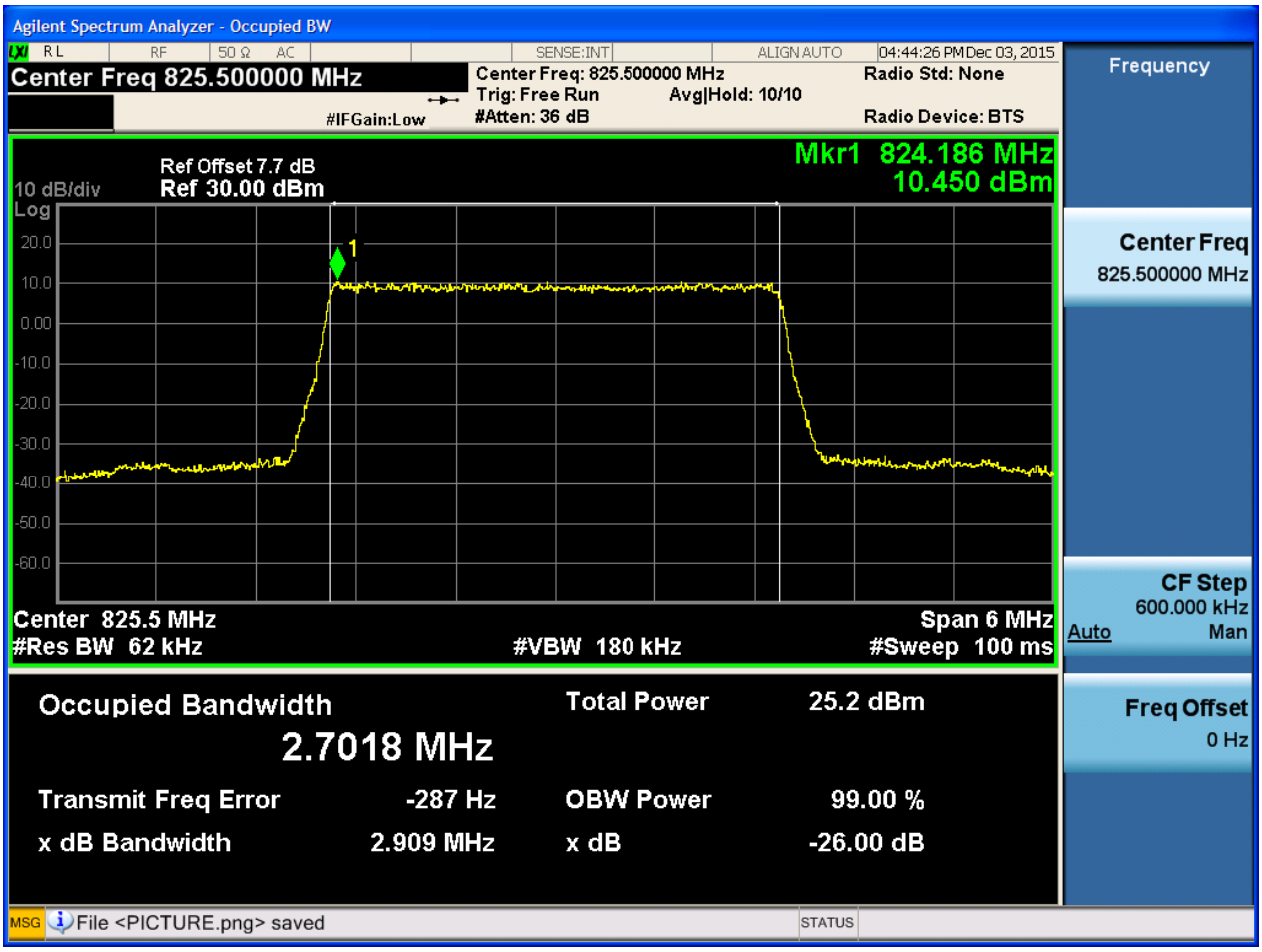
4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



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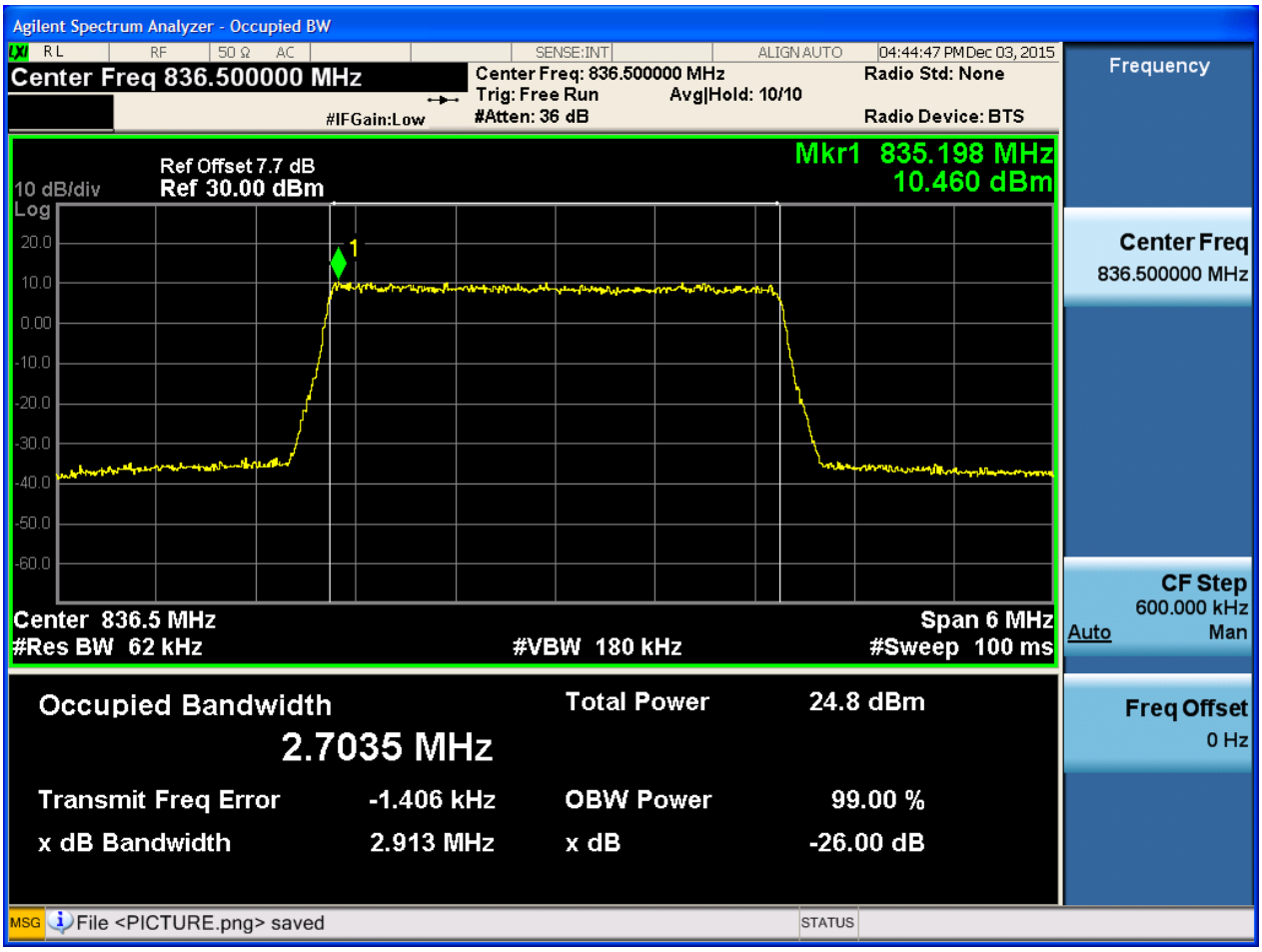
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



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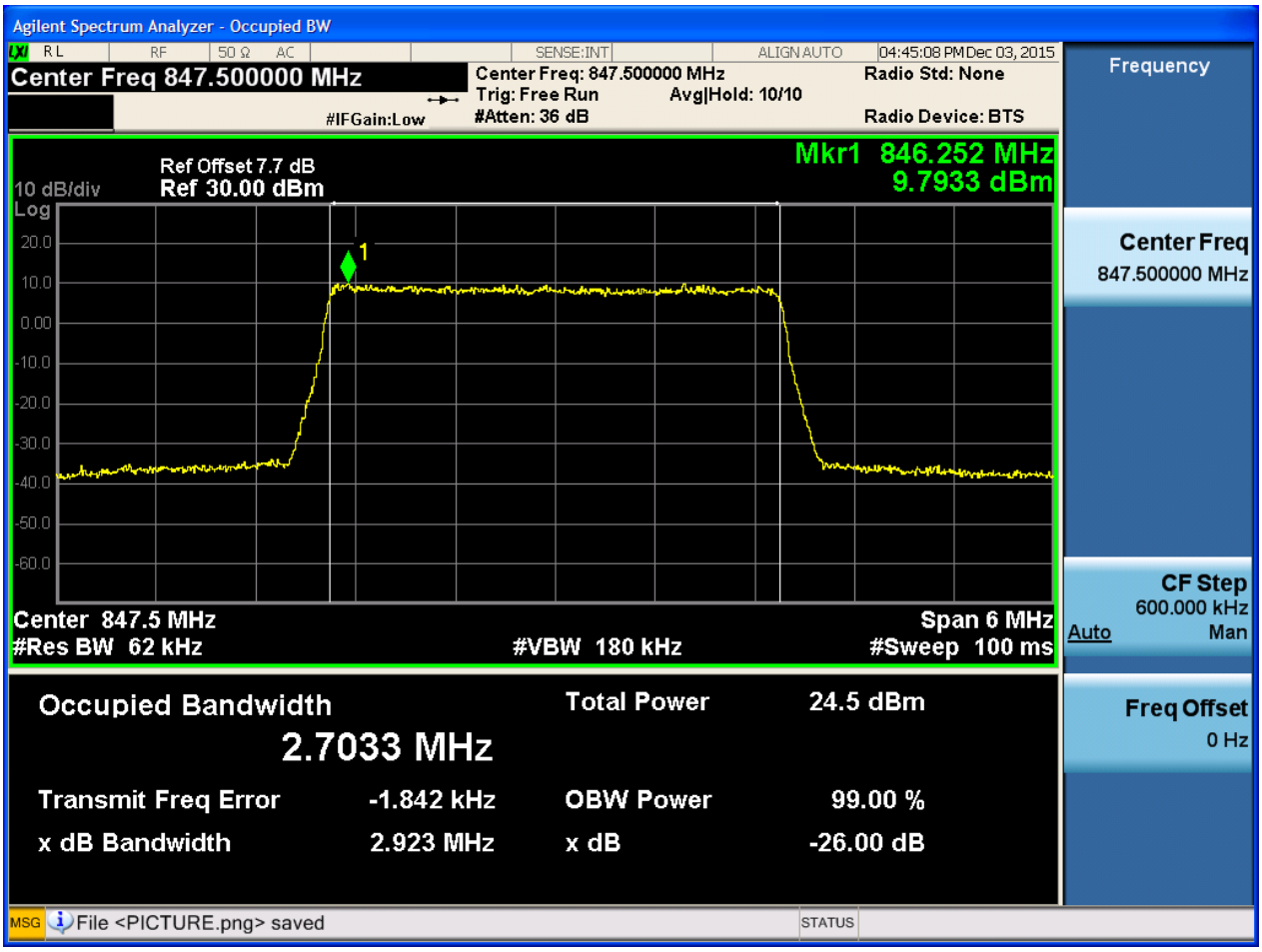
4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0



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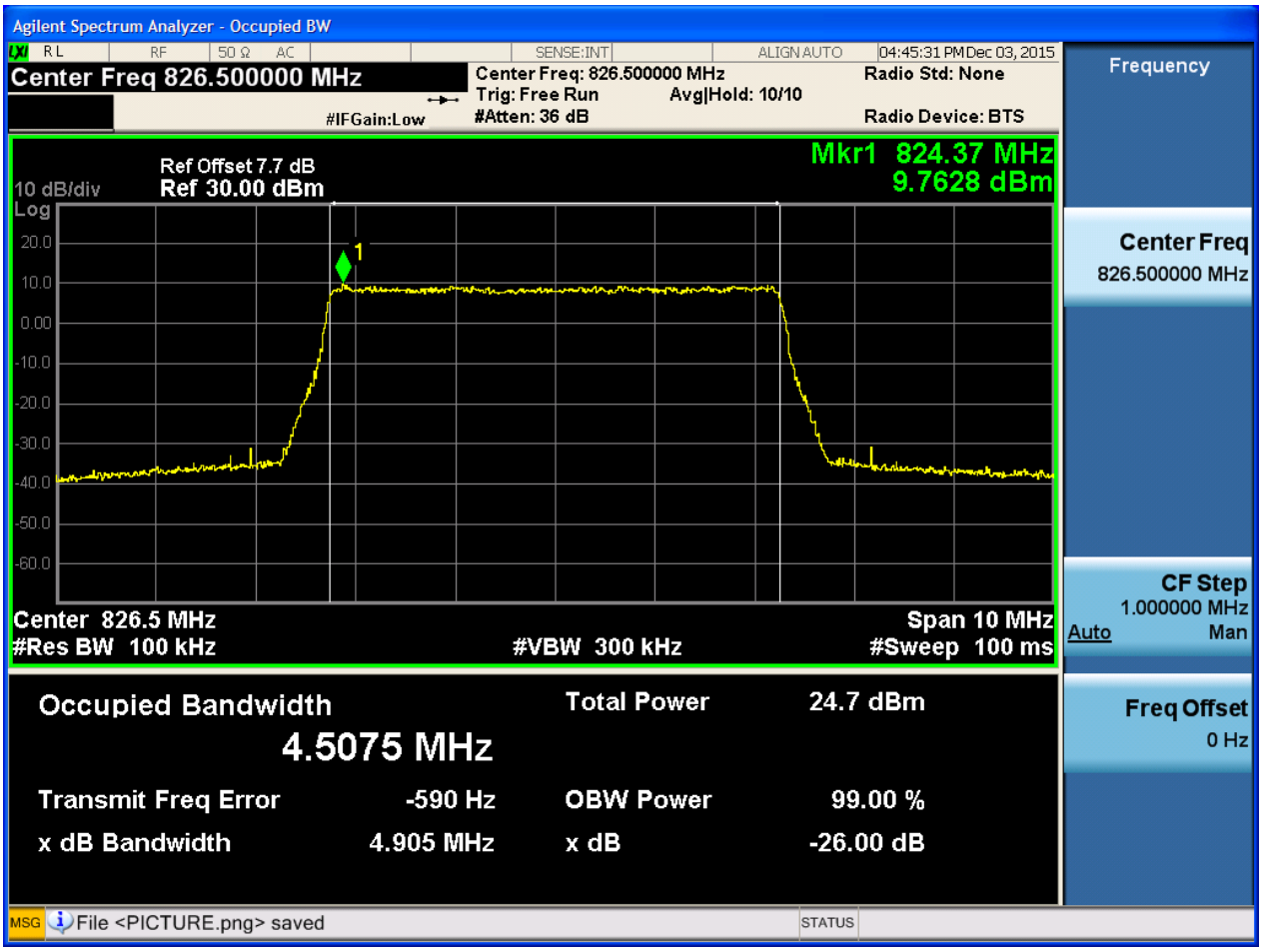
4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



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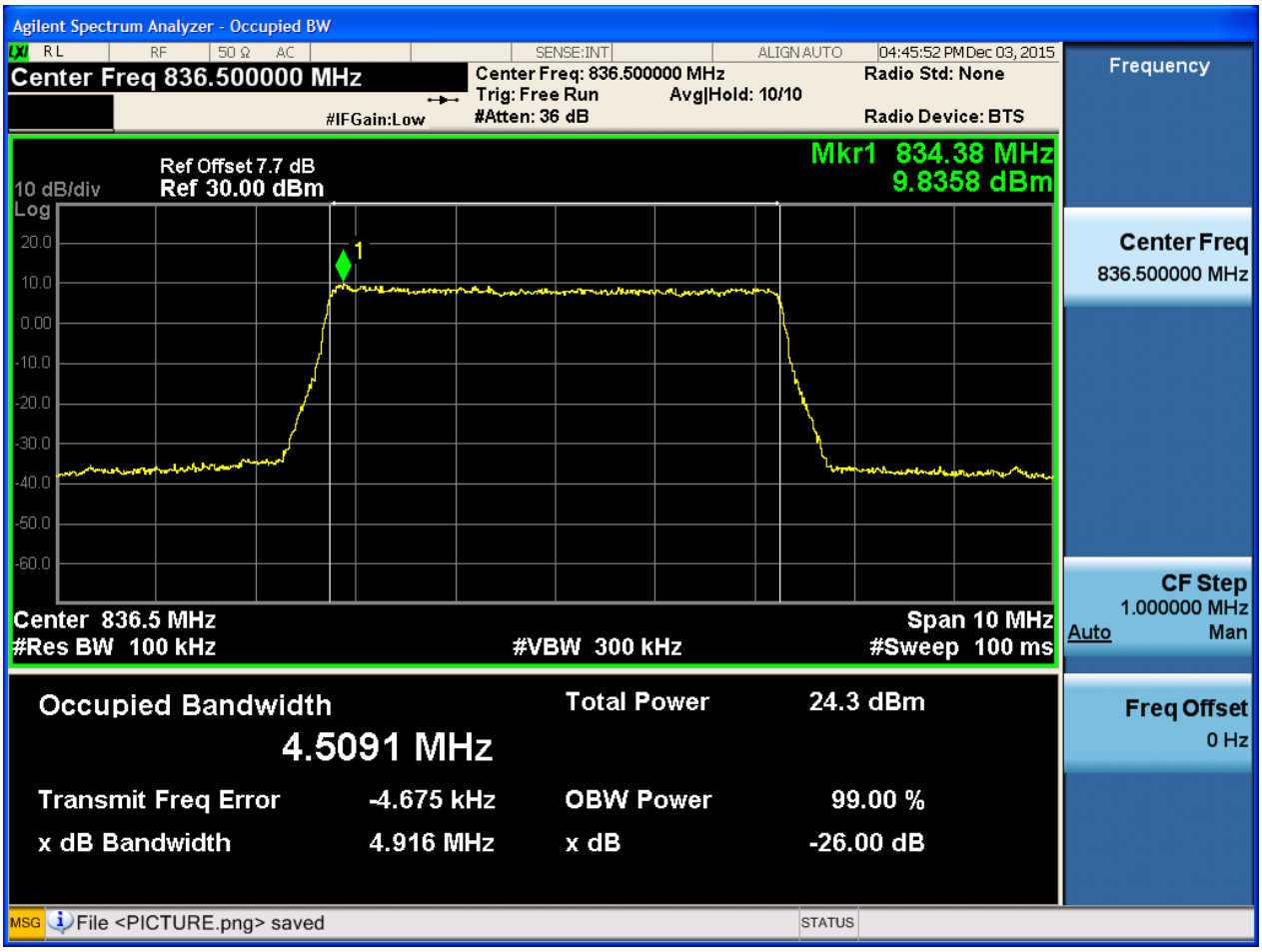
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



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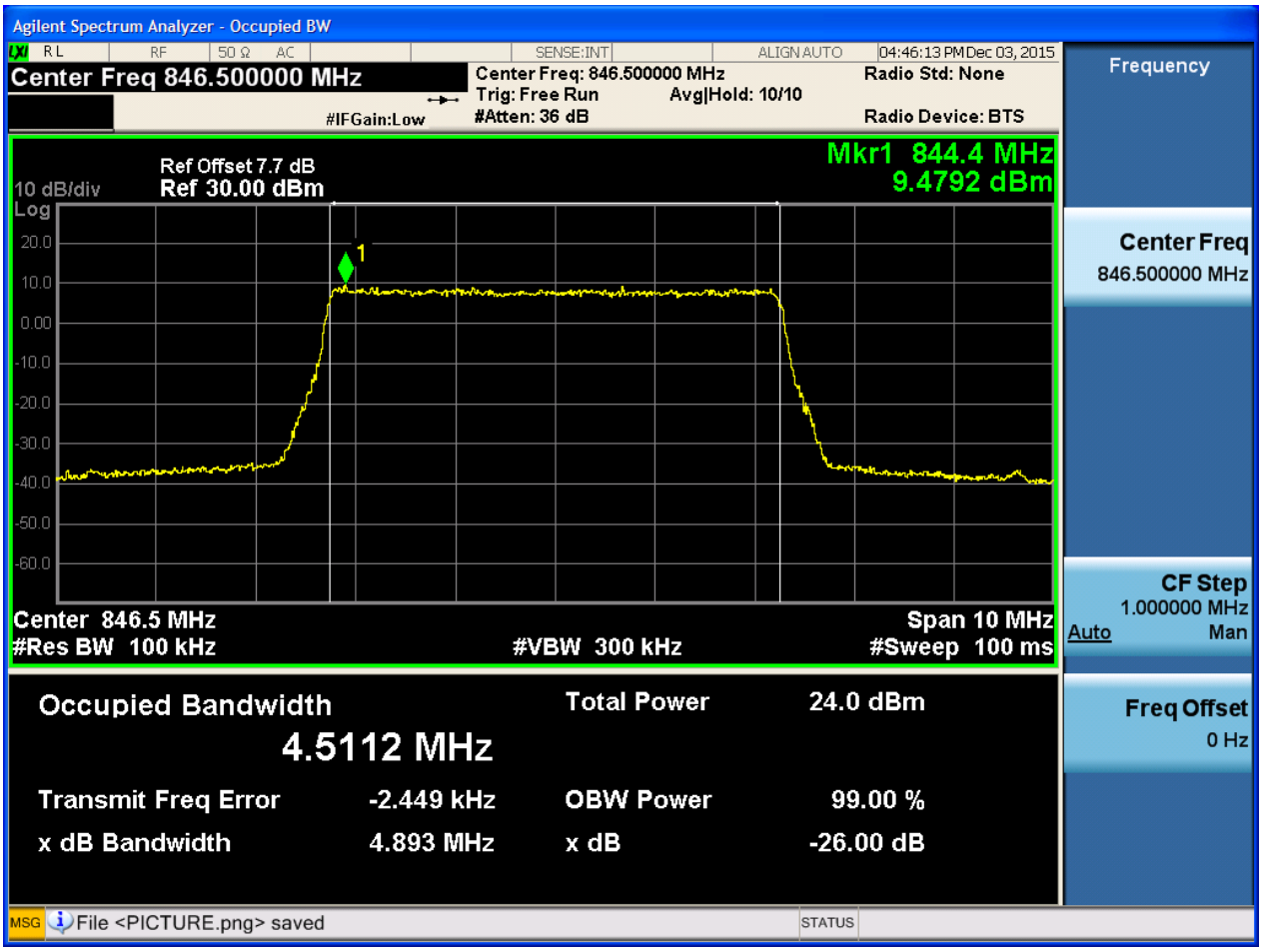
4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0



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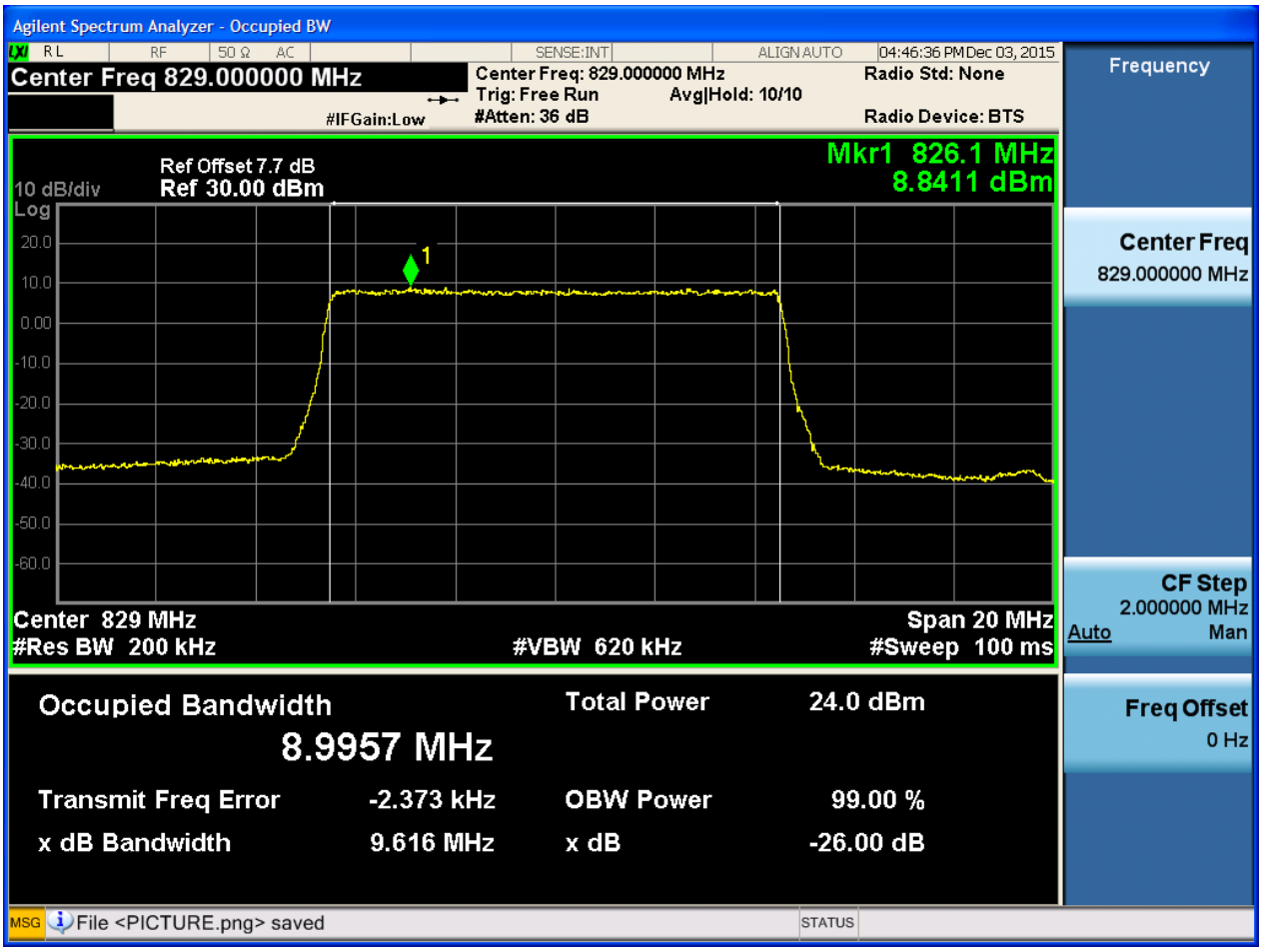
4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



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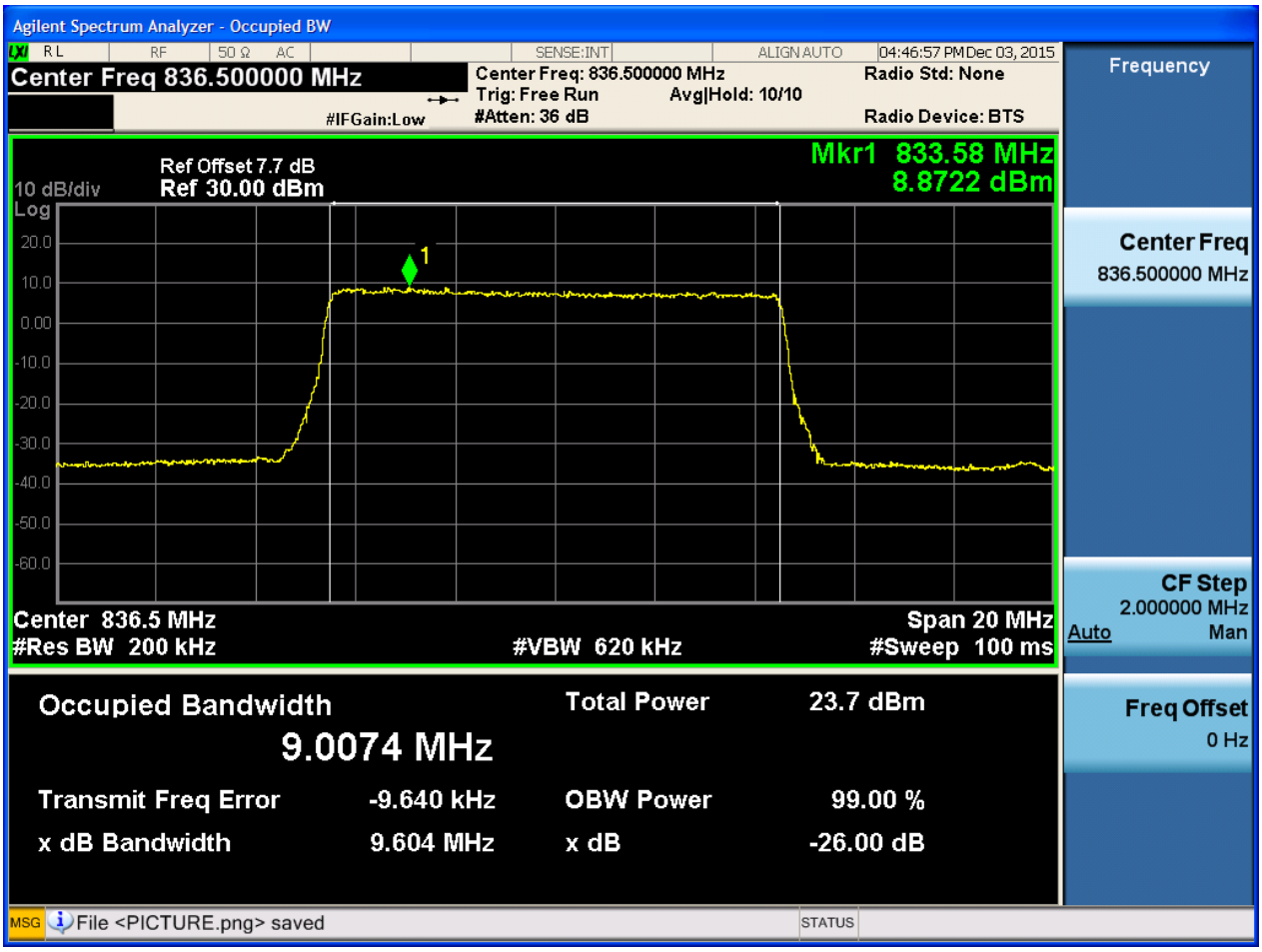
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



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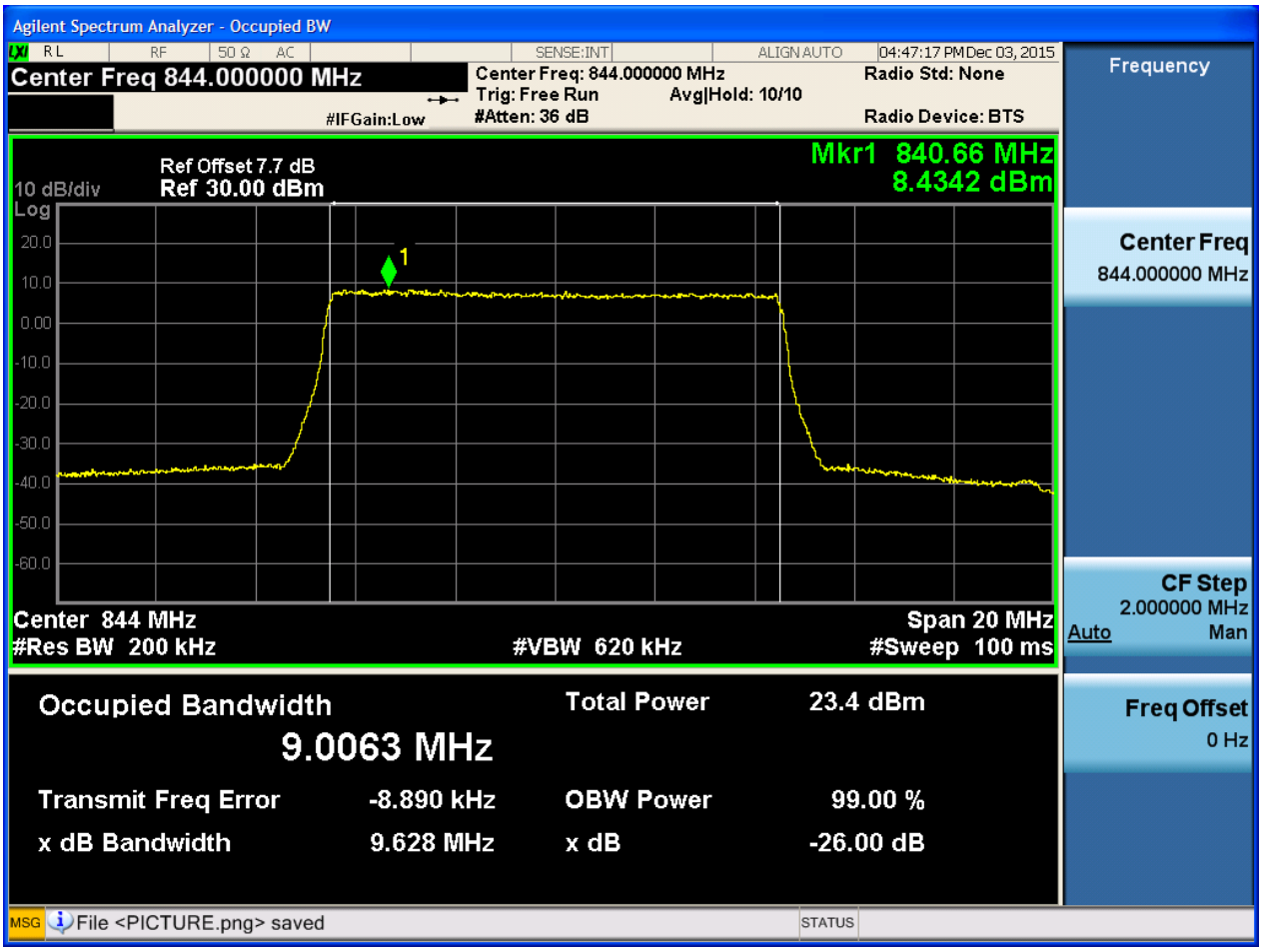
4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



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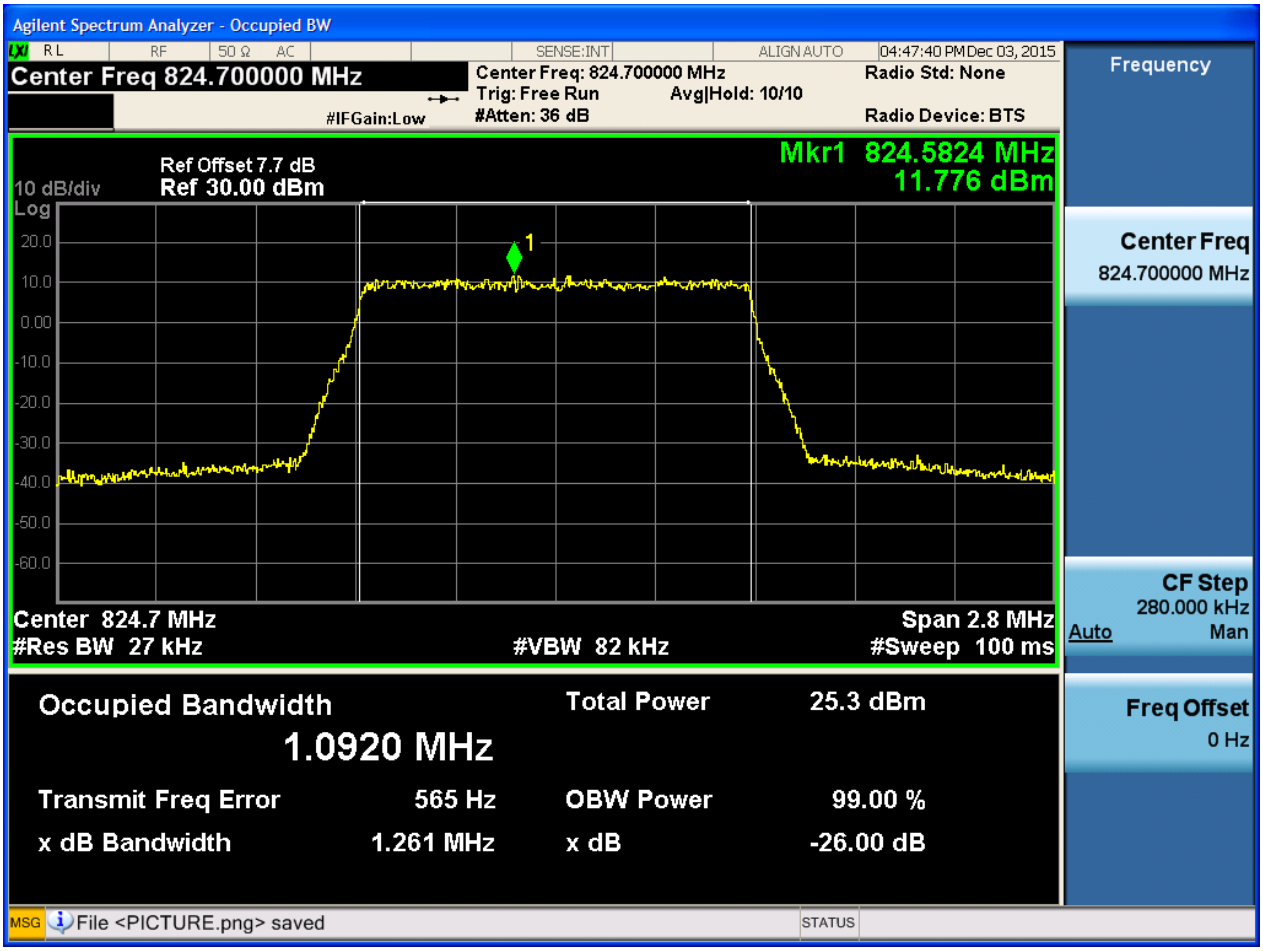
4.1.1.2 Test Mode = LTE/TM2

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



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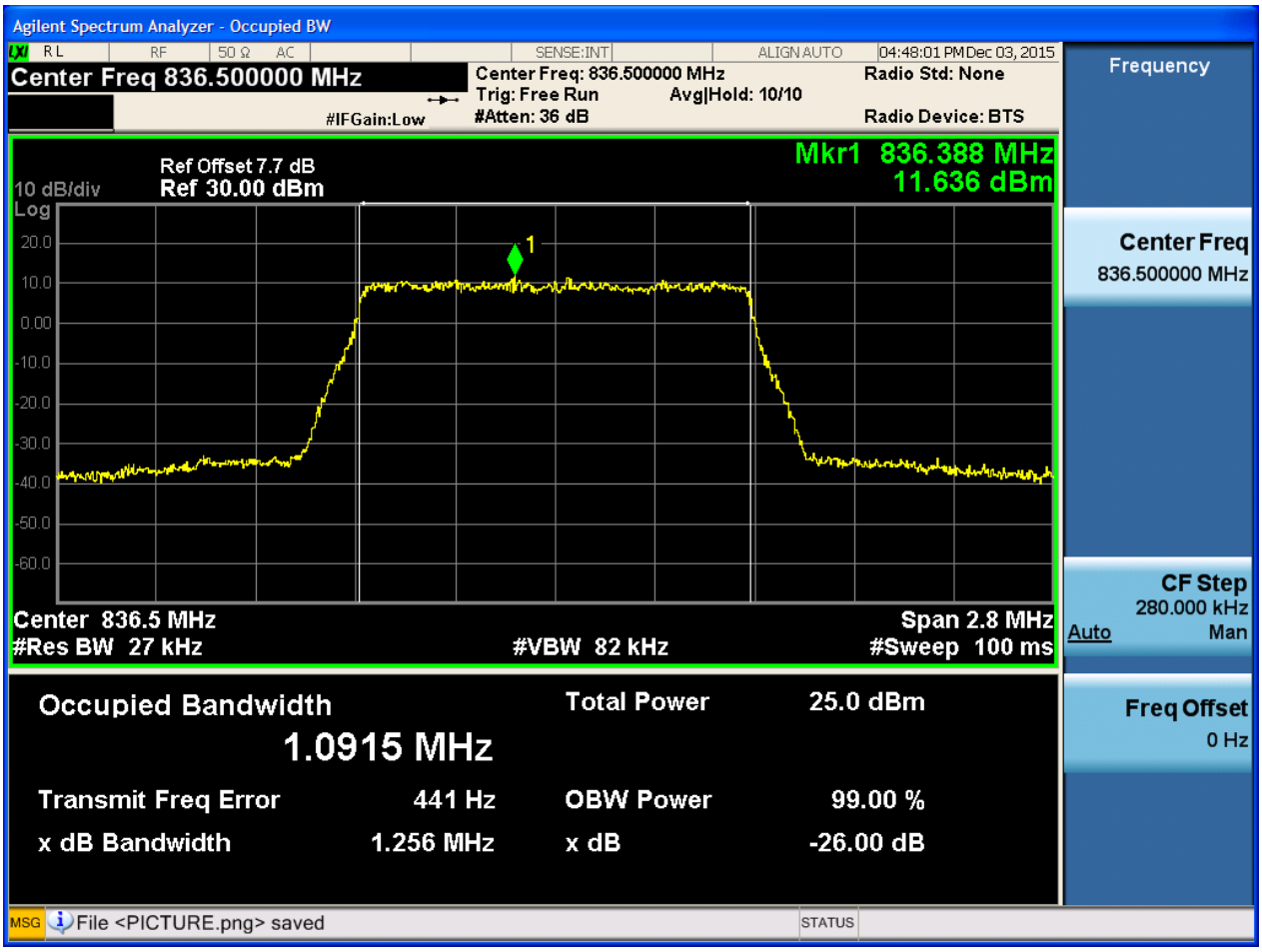
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



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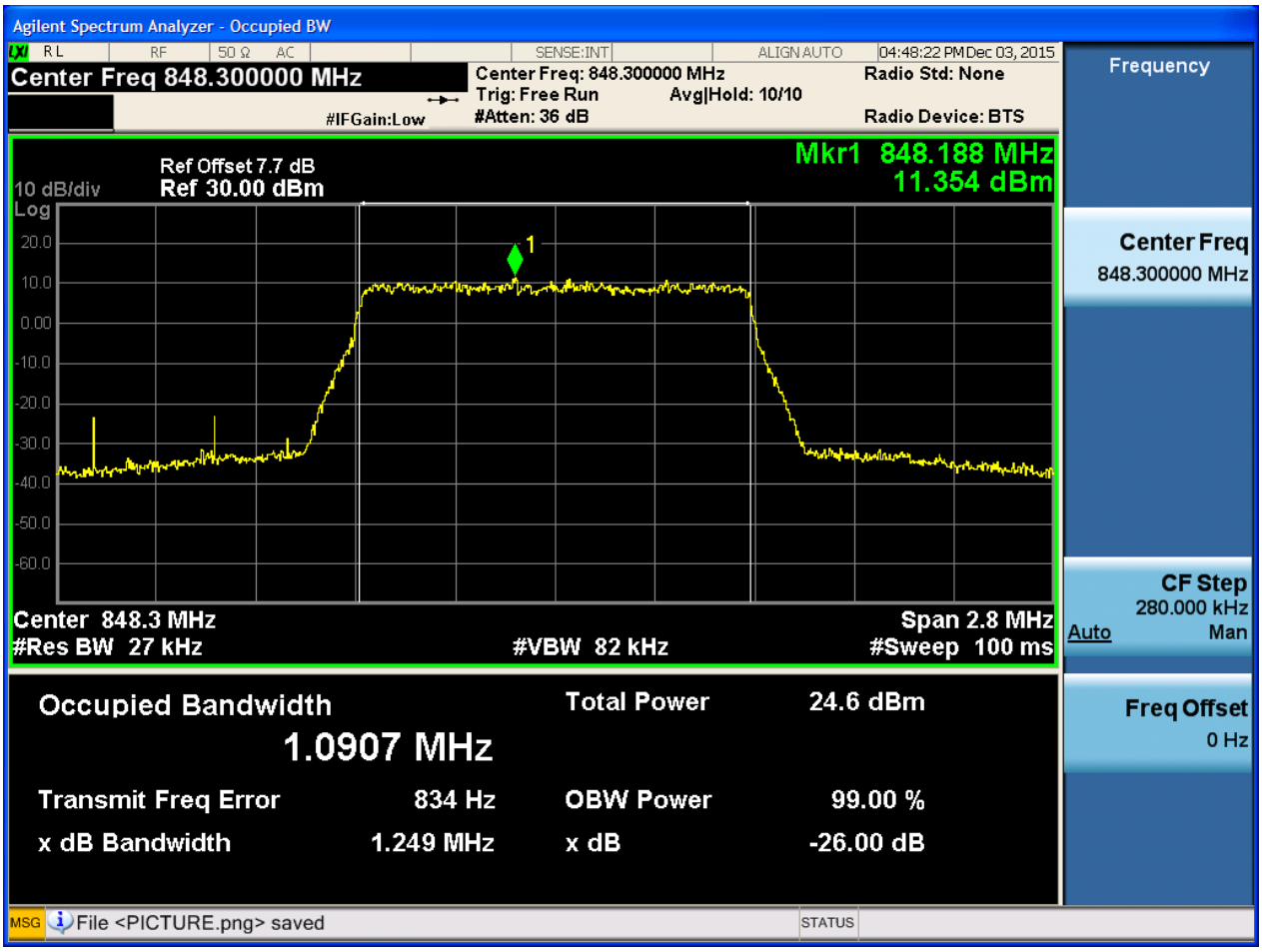
4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0



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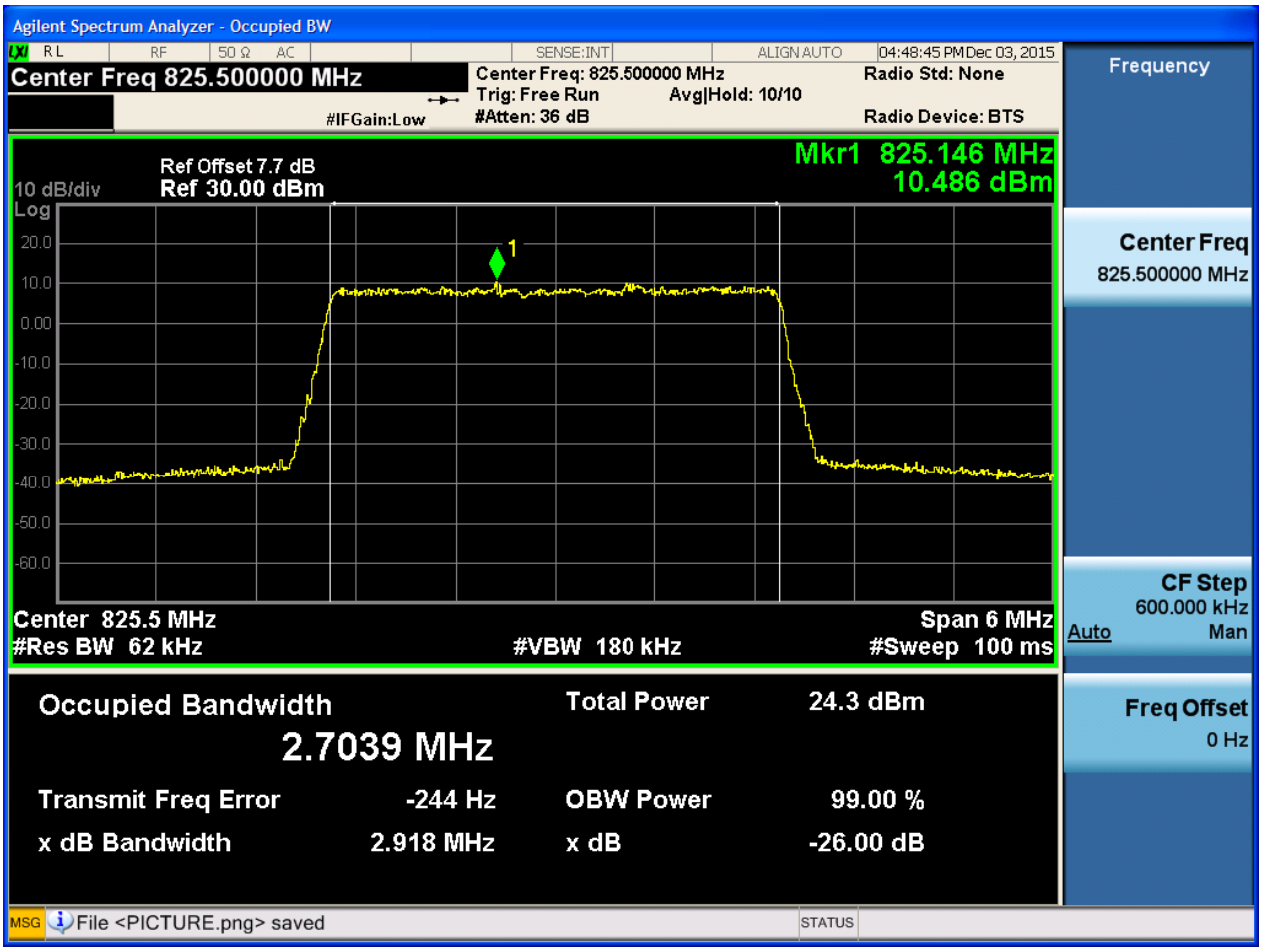
4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



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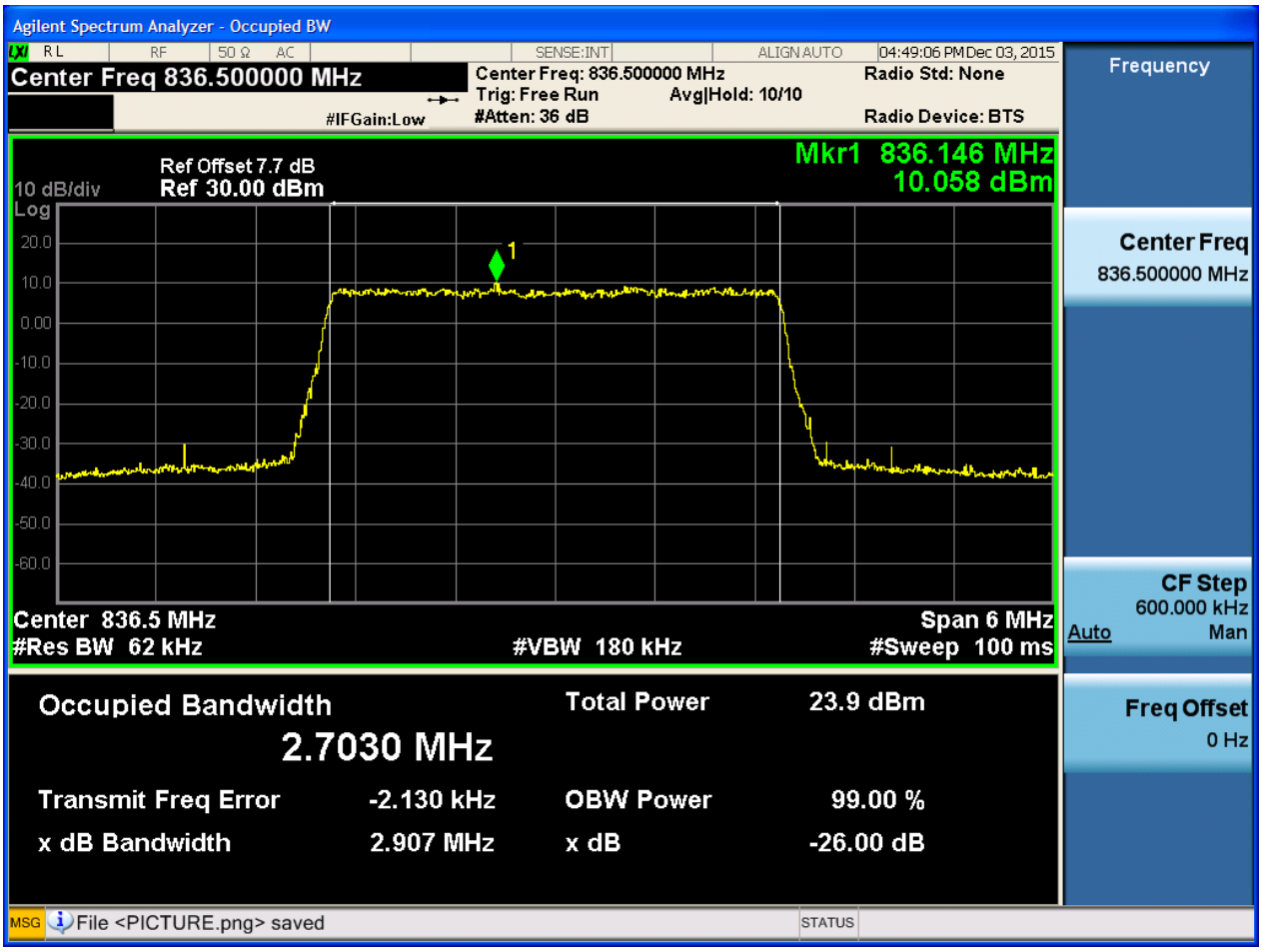
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



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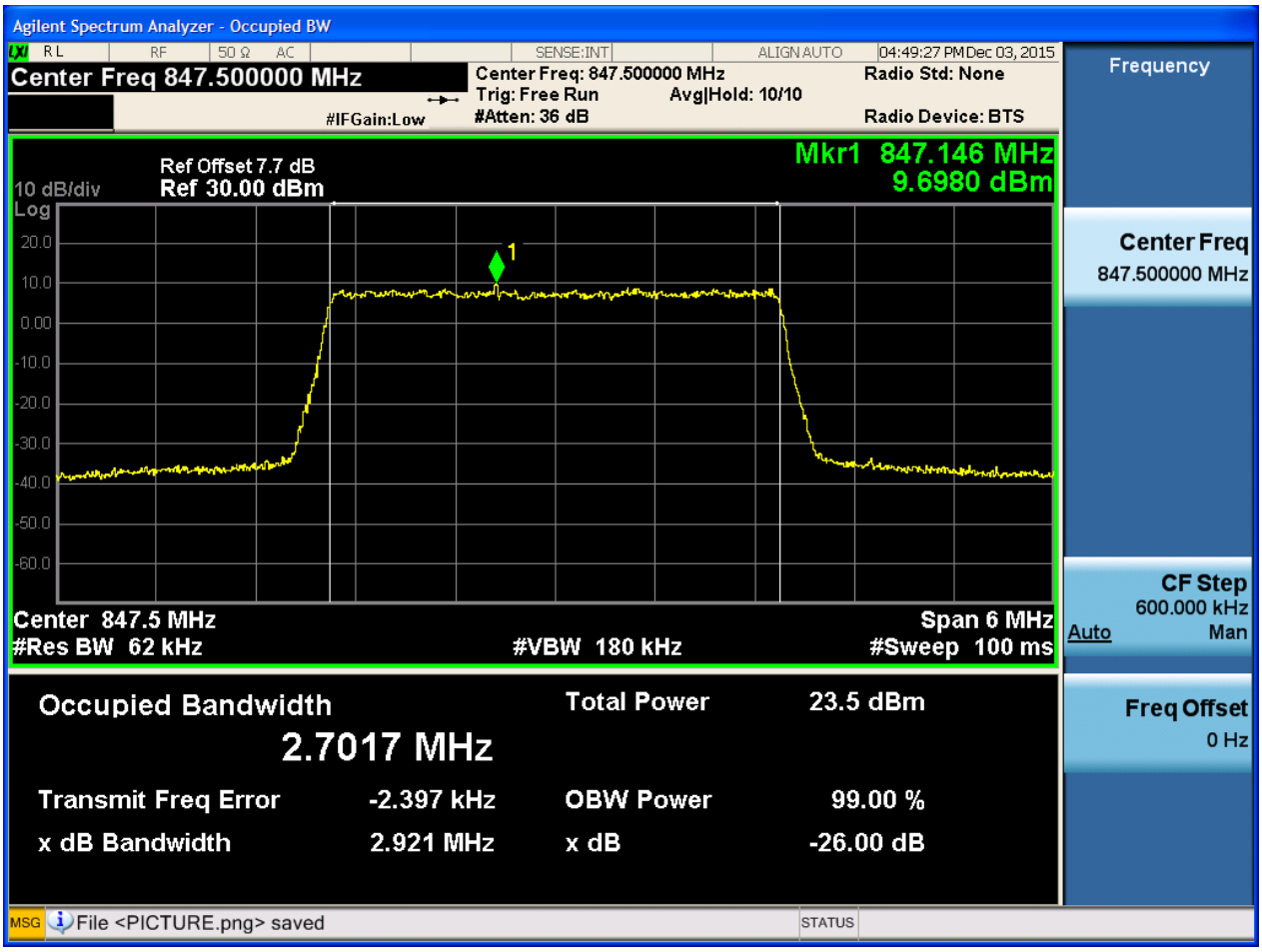
4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0



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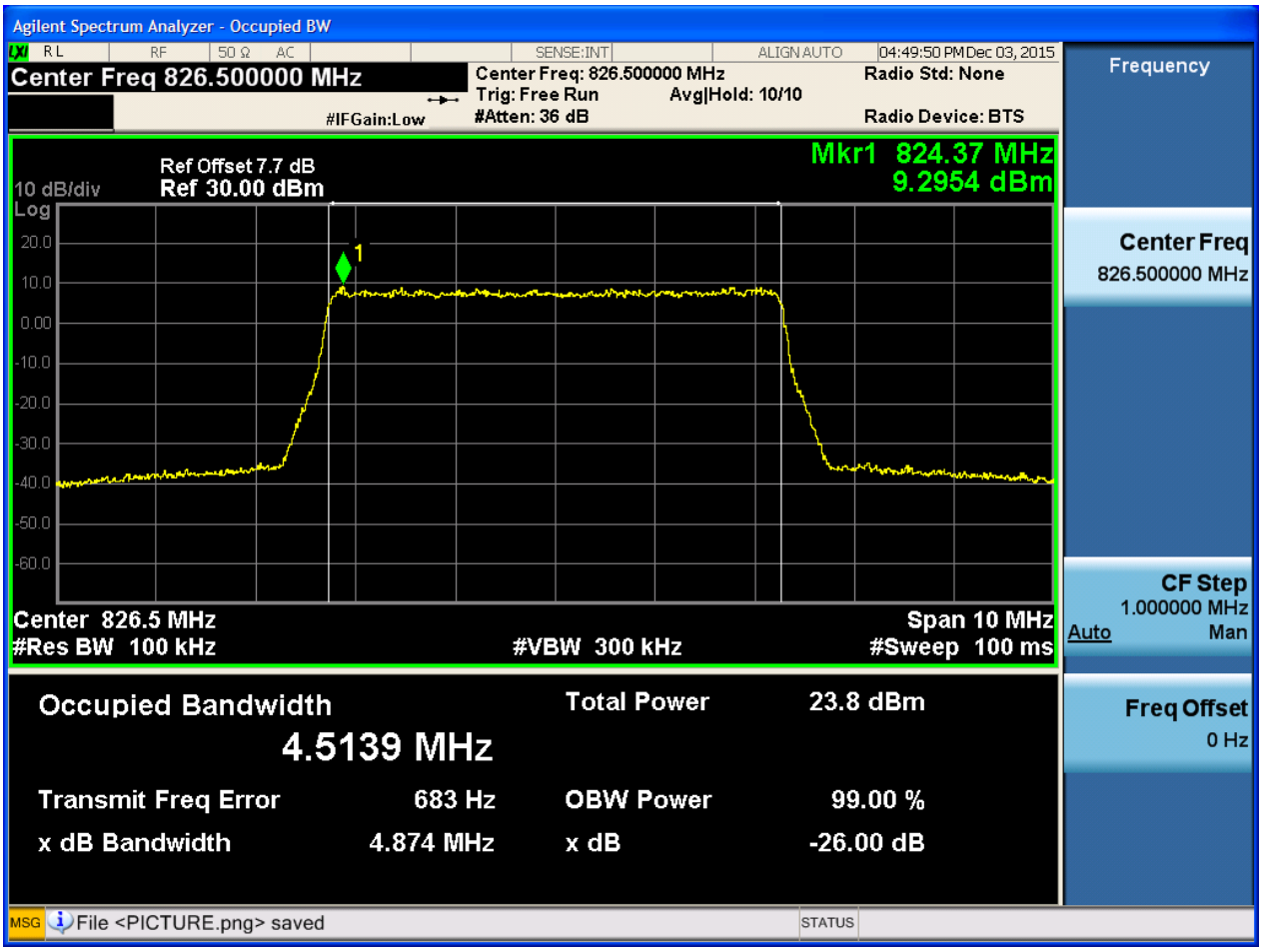
4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



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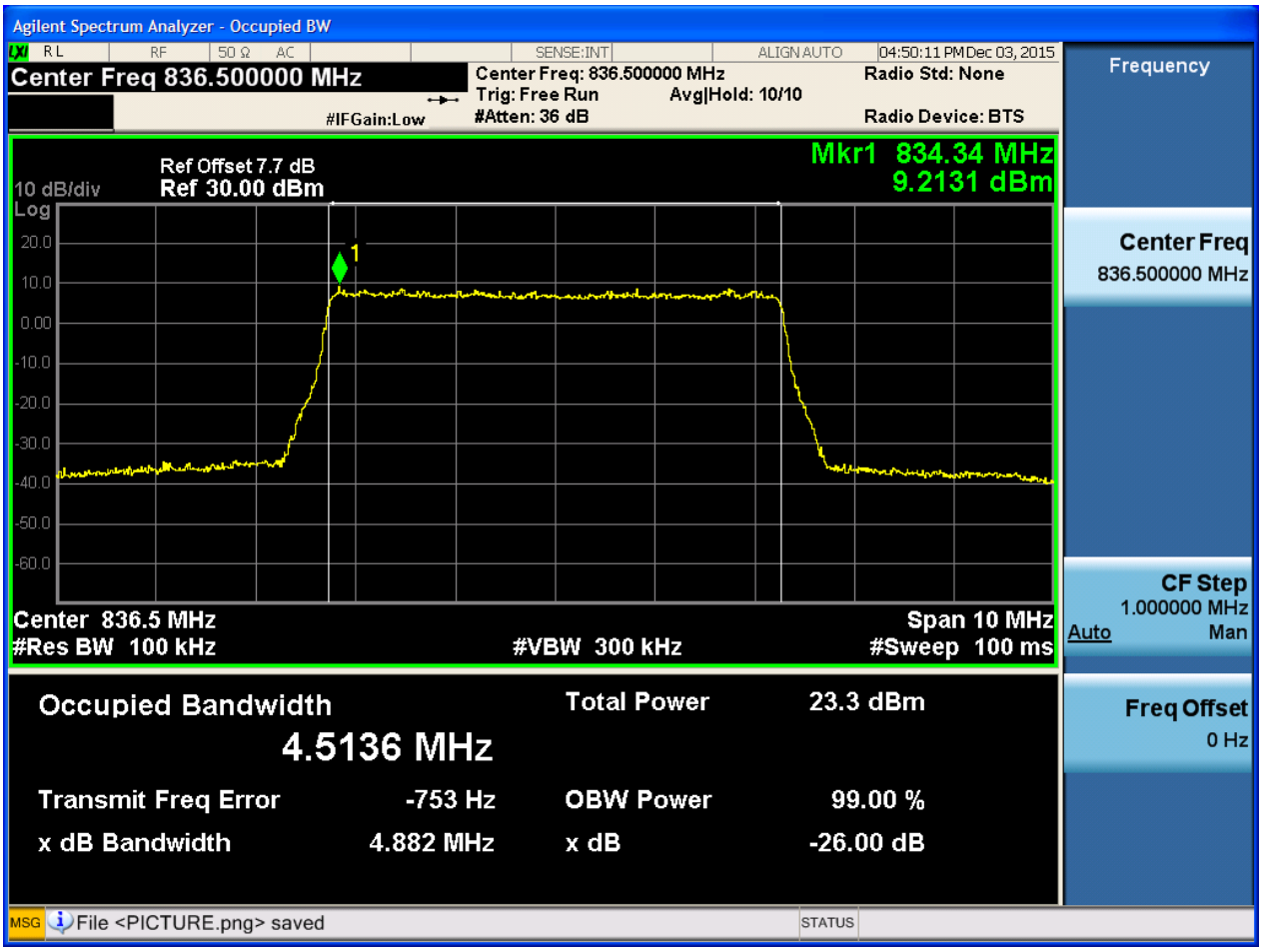
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



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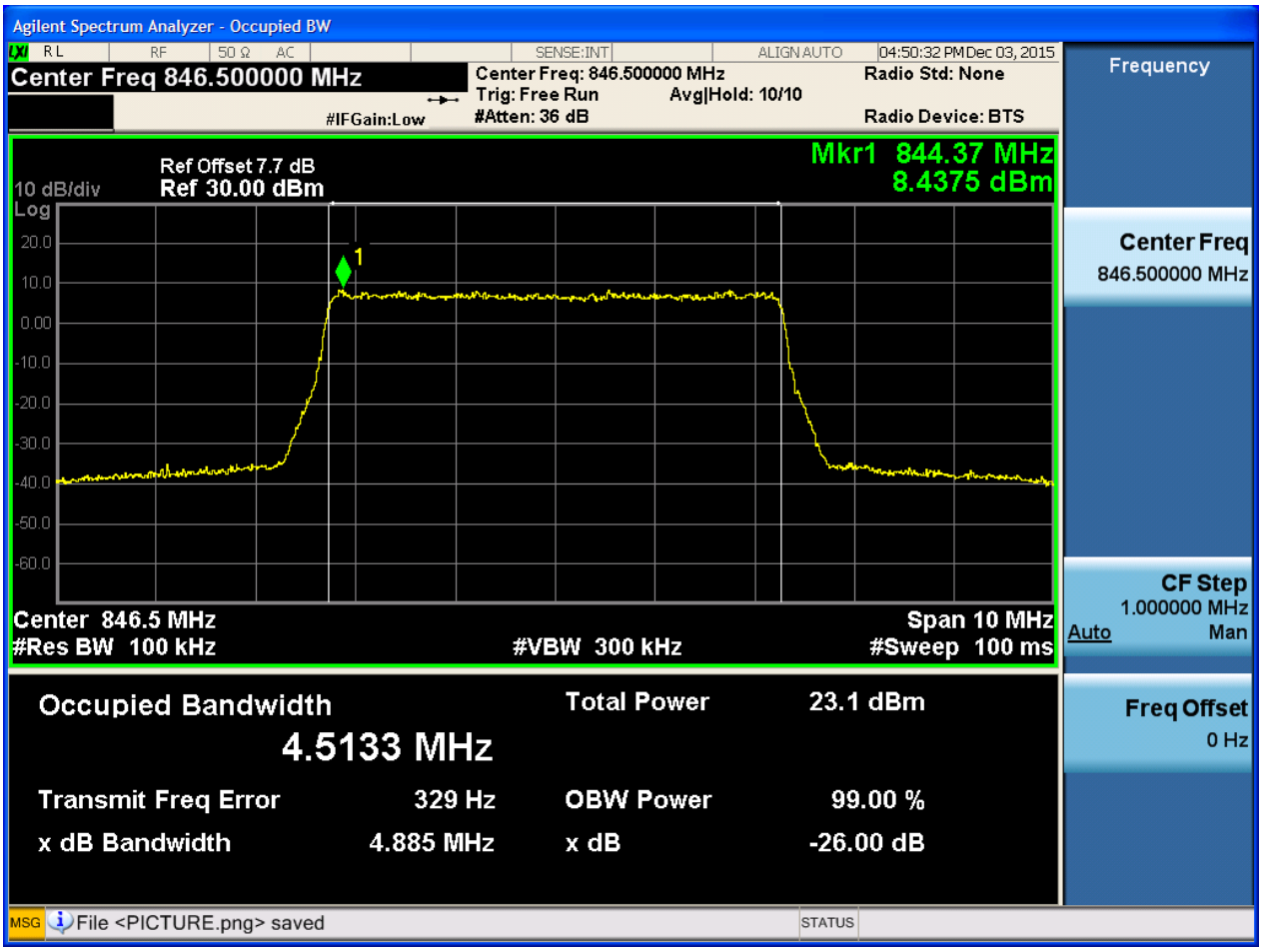
4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0



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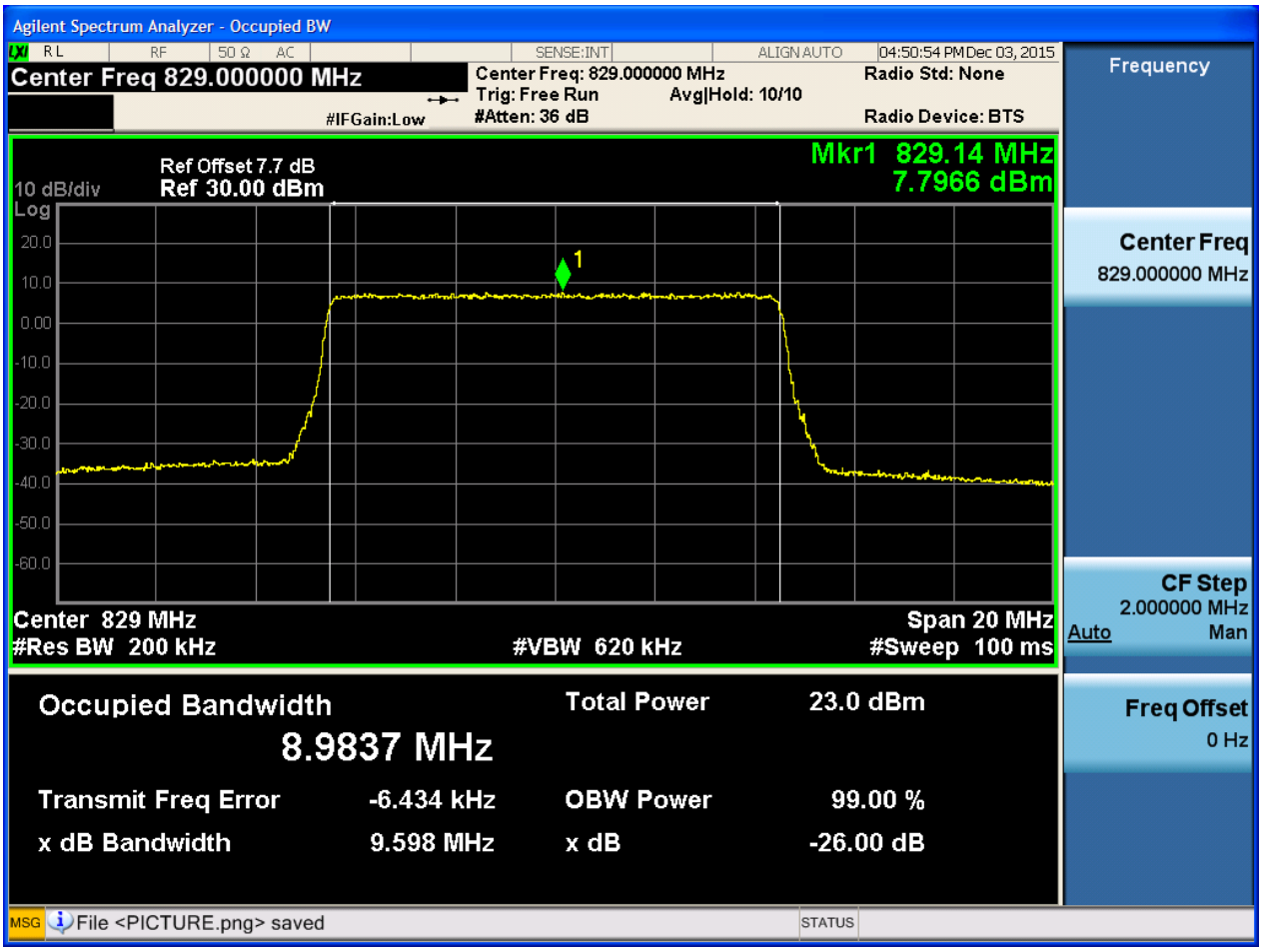
4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



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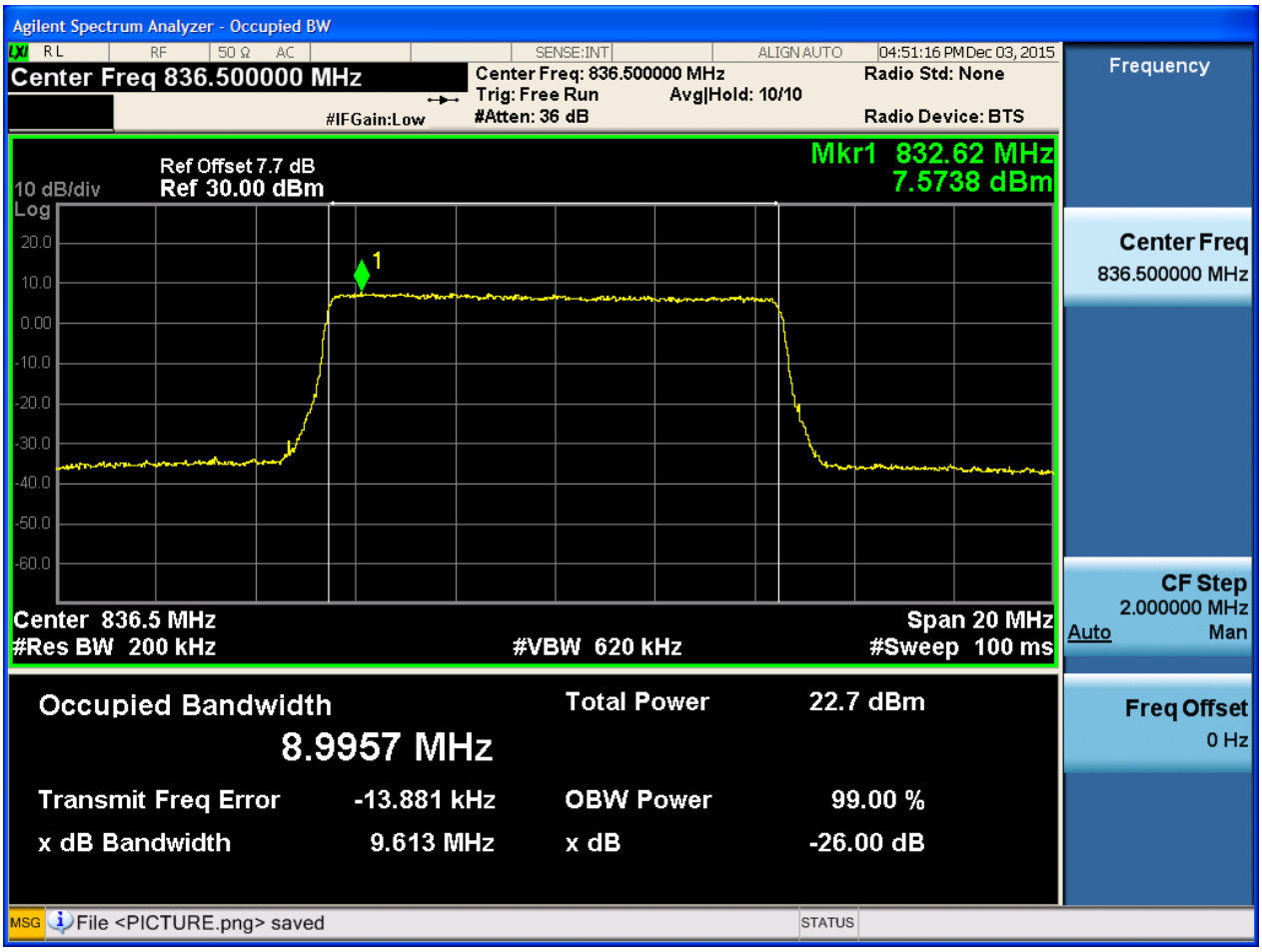
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



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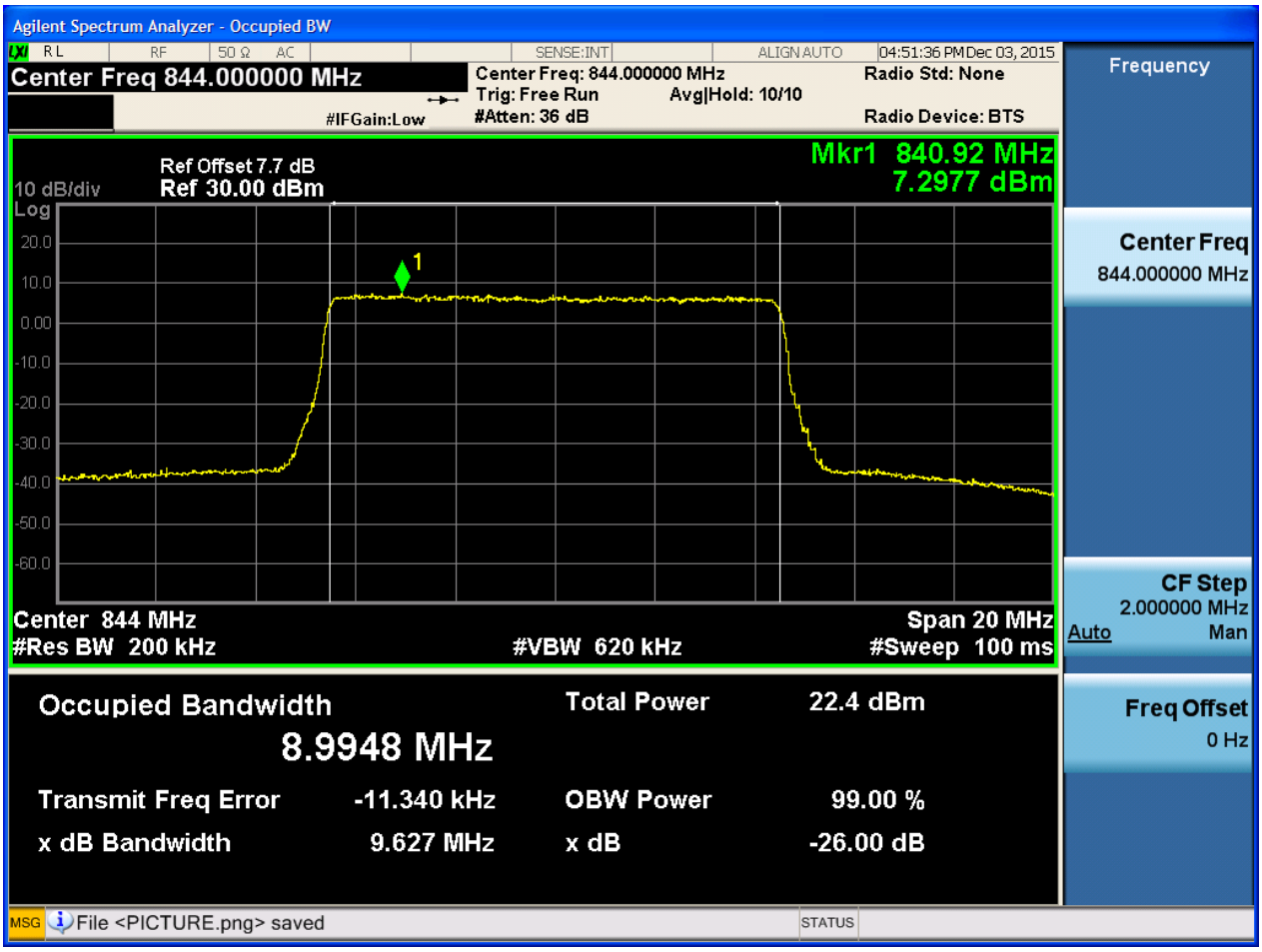
4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



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5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

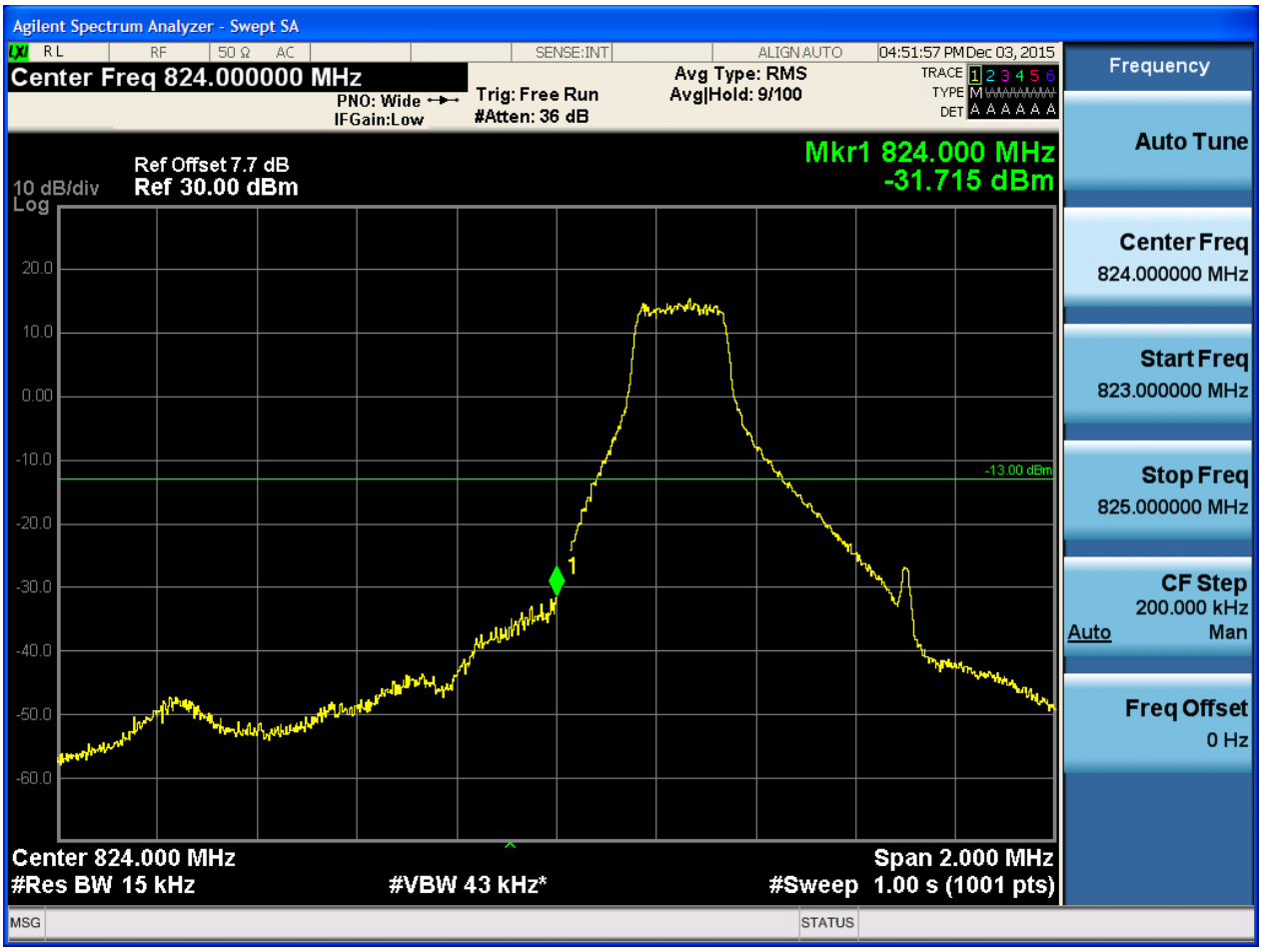
5.1.1 Test Band = BAND5

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



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5.1.1.1.1.1.2 Test RB = RB1#5

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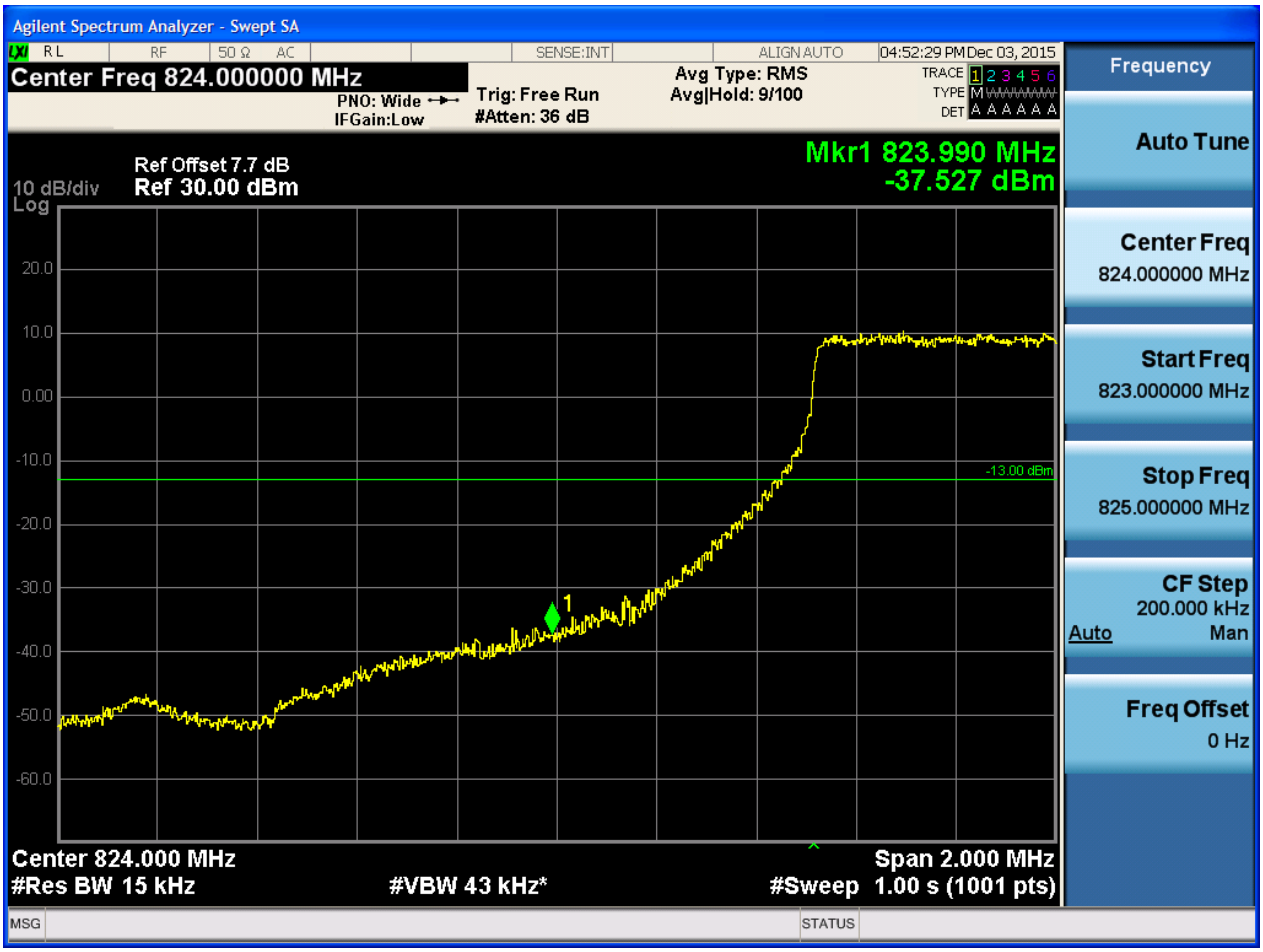
5.1.1.1.1.1.3 Test RB = RB3#2



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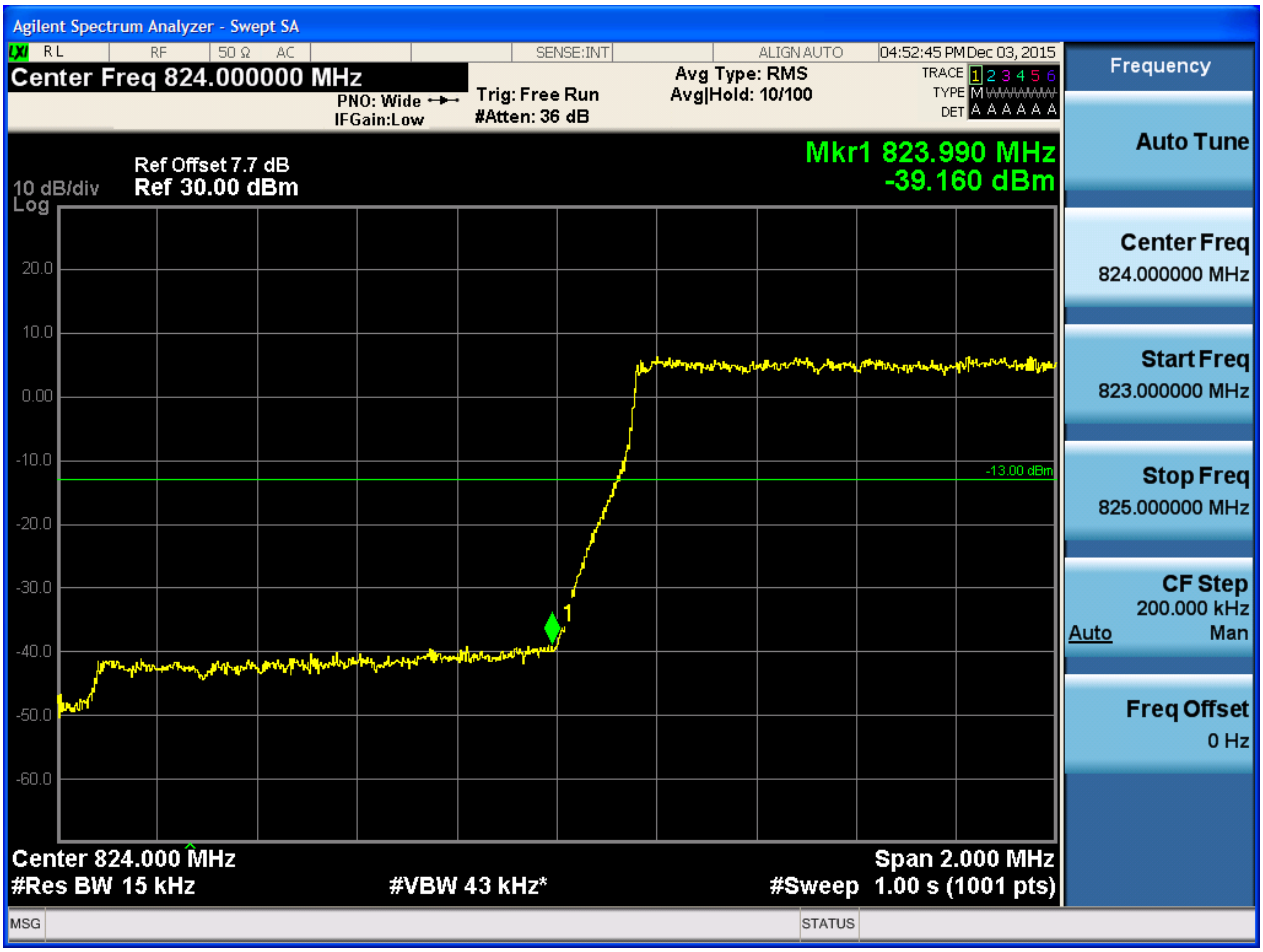
5.1.1.1.1.1.4 Test RB = RB6#0



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5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0

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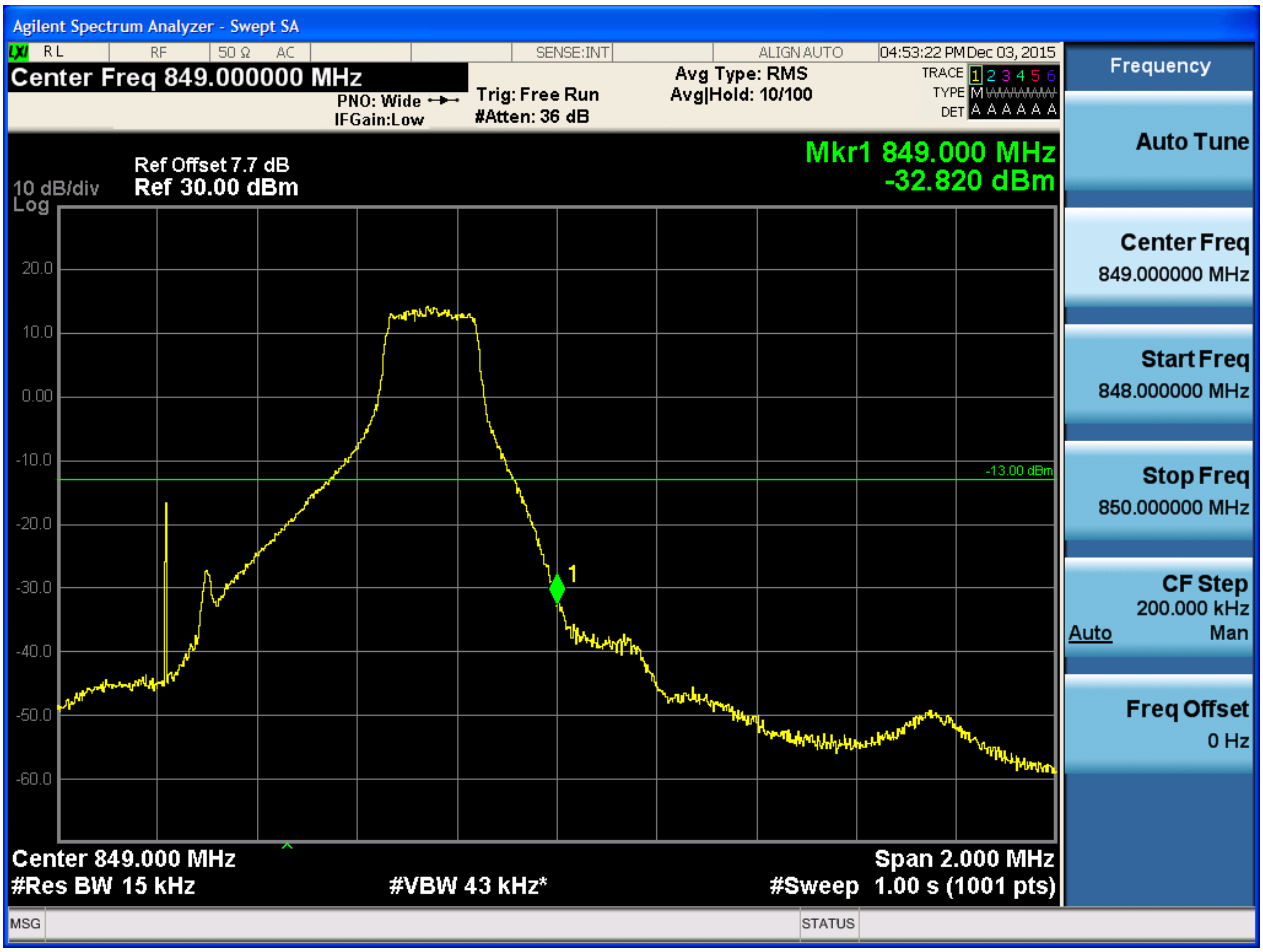
5.1.1.1.1.2.2 Test RB = RB1#5



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5.1.1.1.1.2.3 Test RB = RB3#2

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5.1.1.1.1.2.4 Test RB = RB6#0

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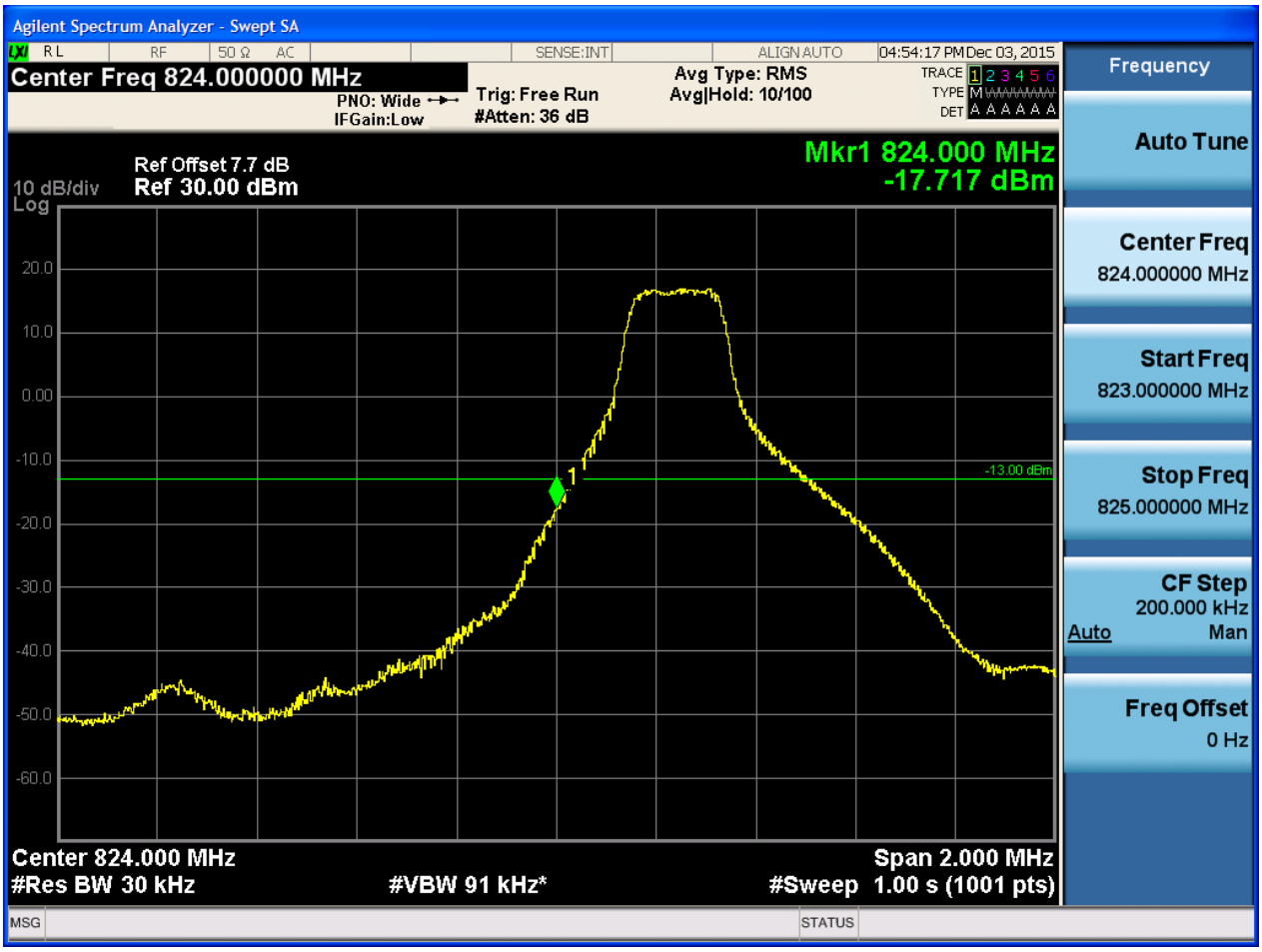
5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



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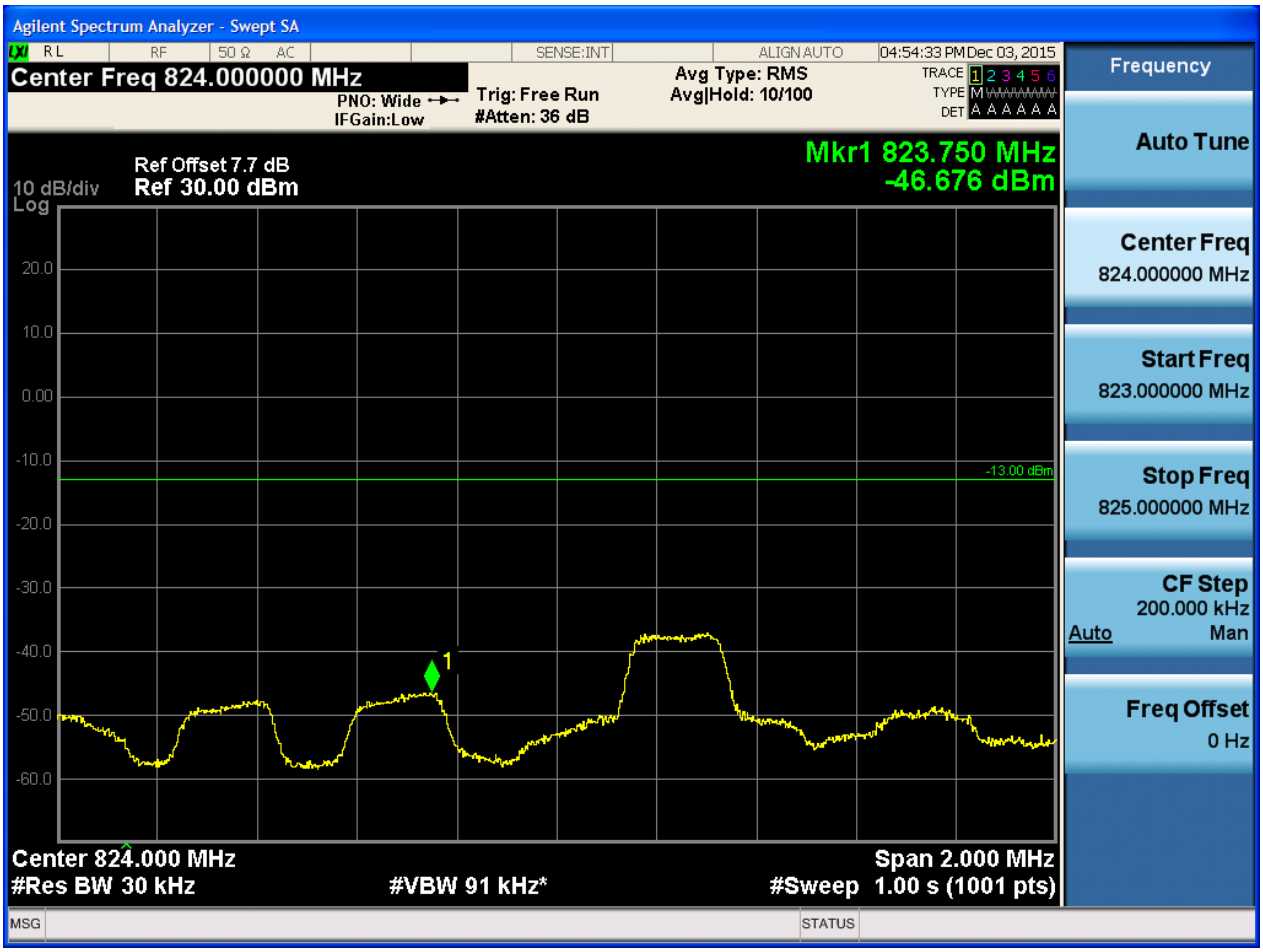
5.1.1.1.2.1.2 Test RB = RB1#14



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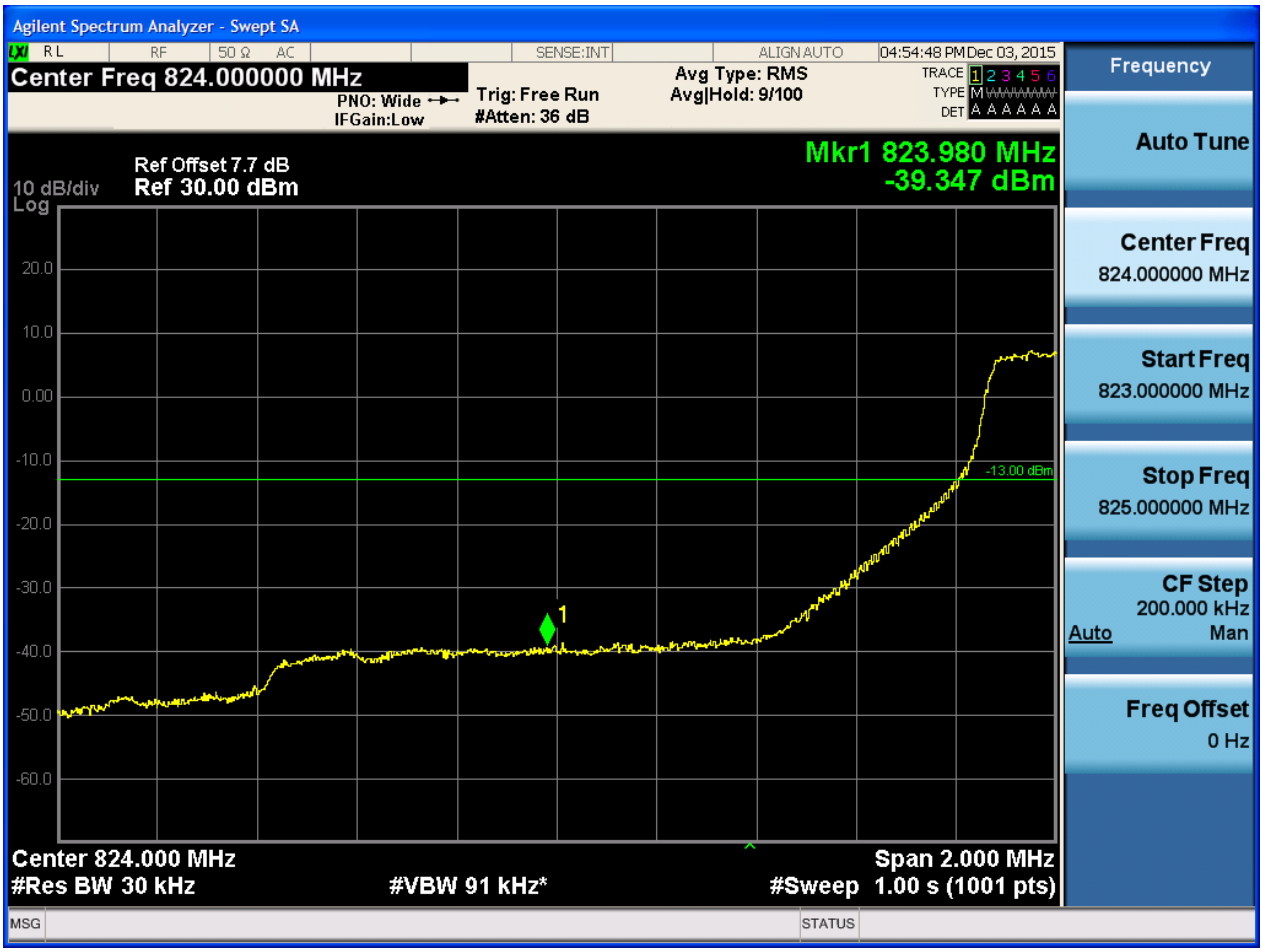
5.1.1.1.2.1.3 Test RB = RB8#4



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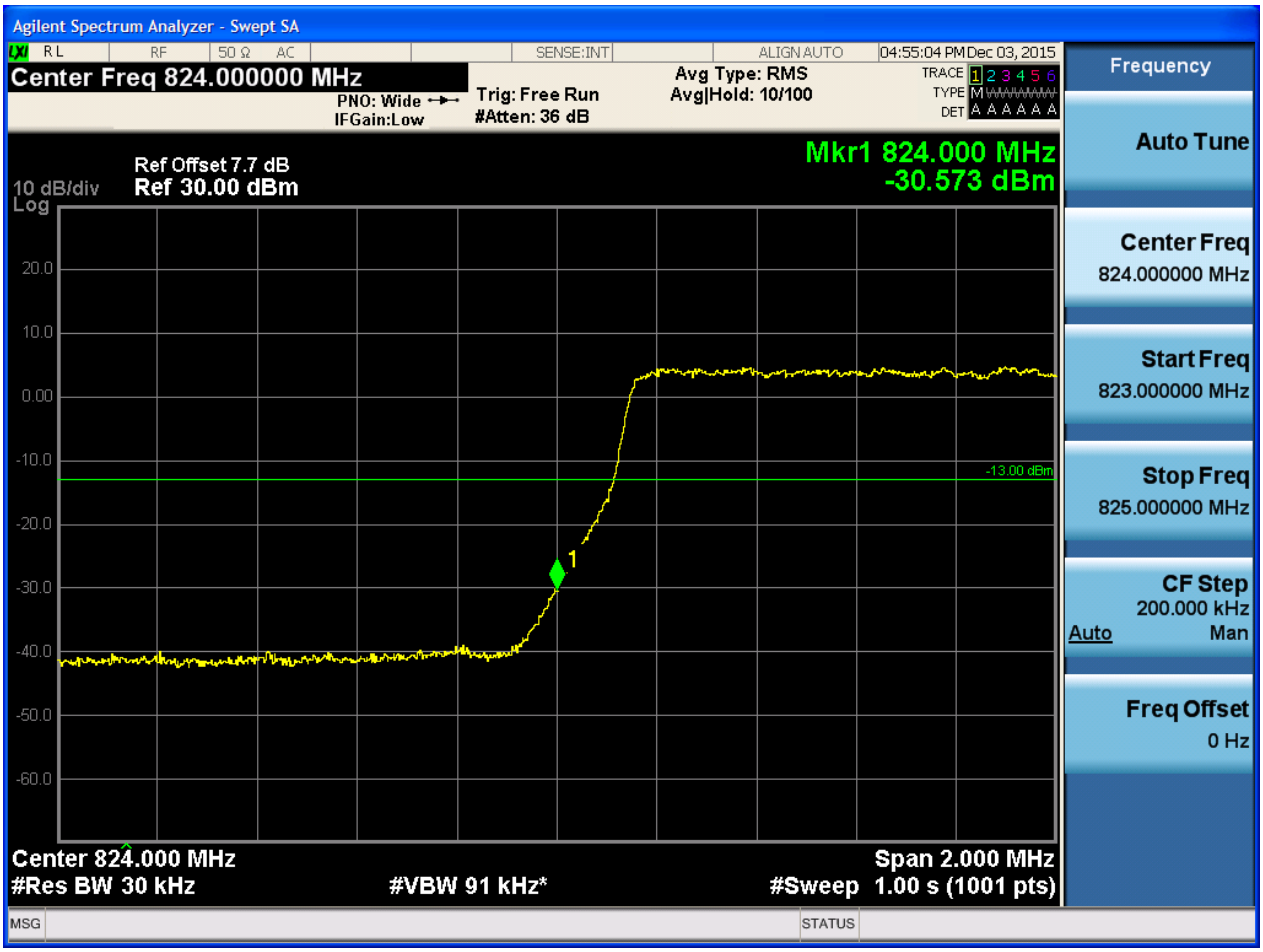
5.1.1.1.2.1.4 Test RB = RB15#0



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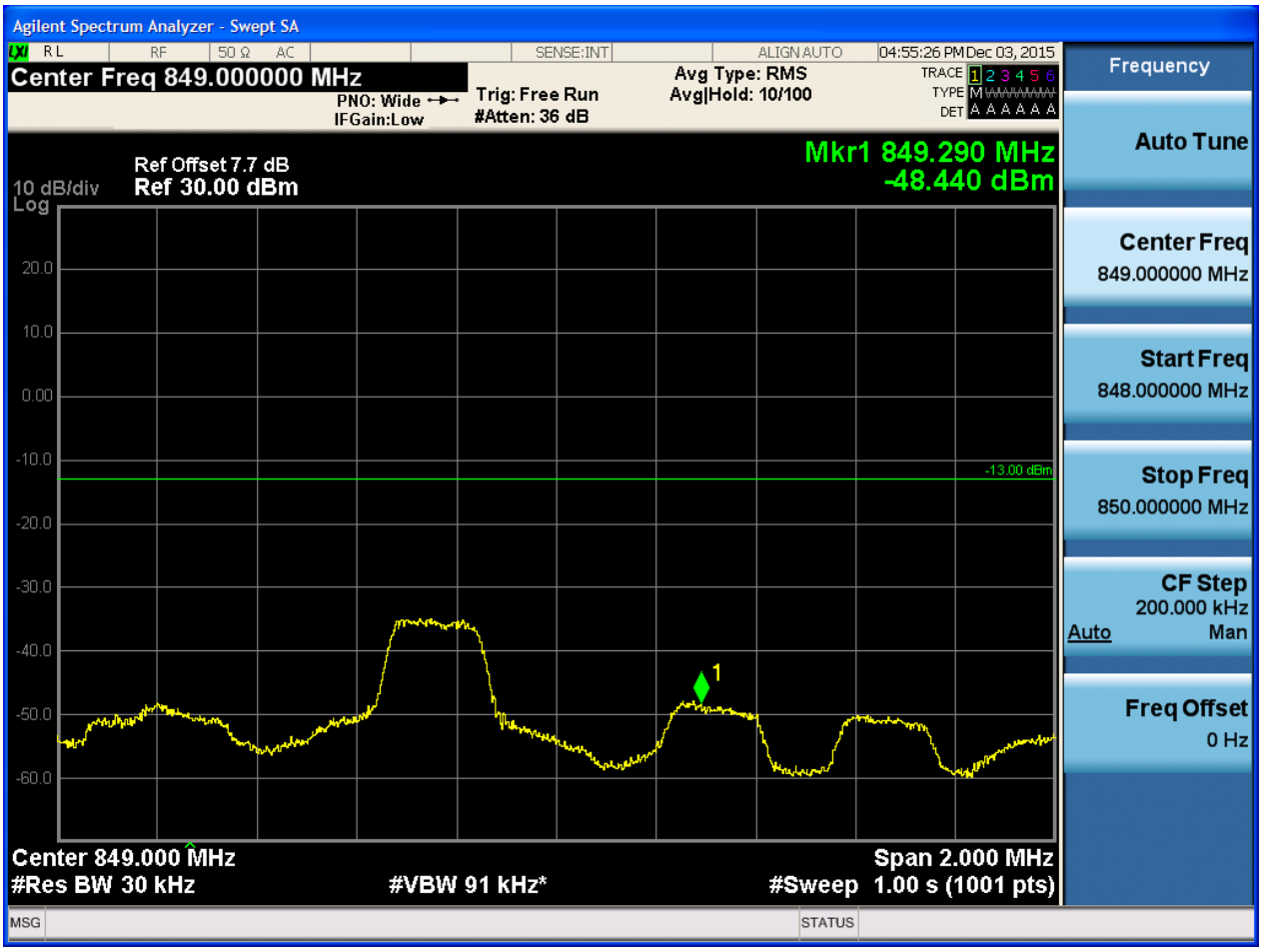
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



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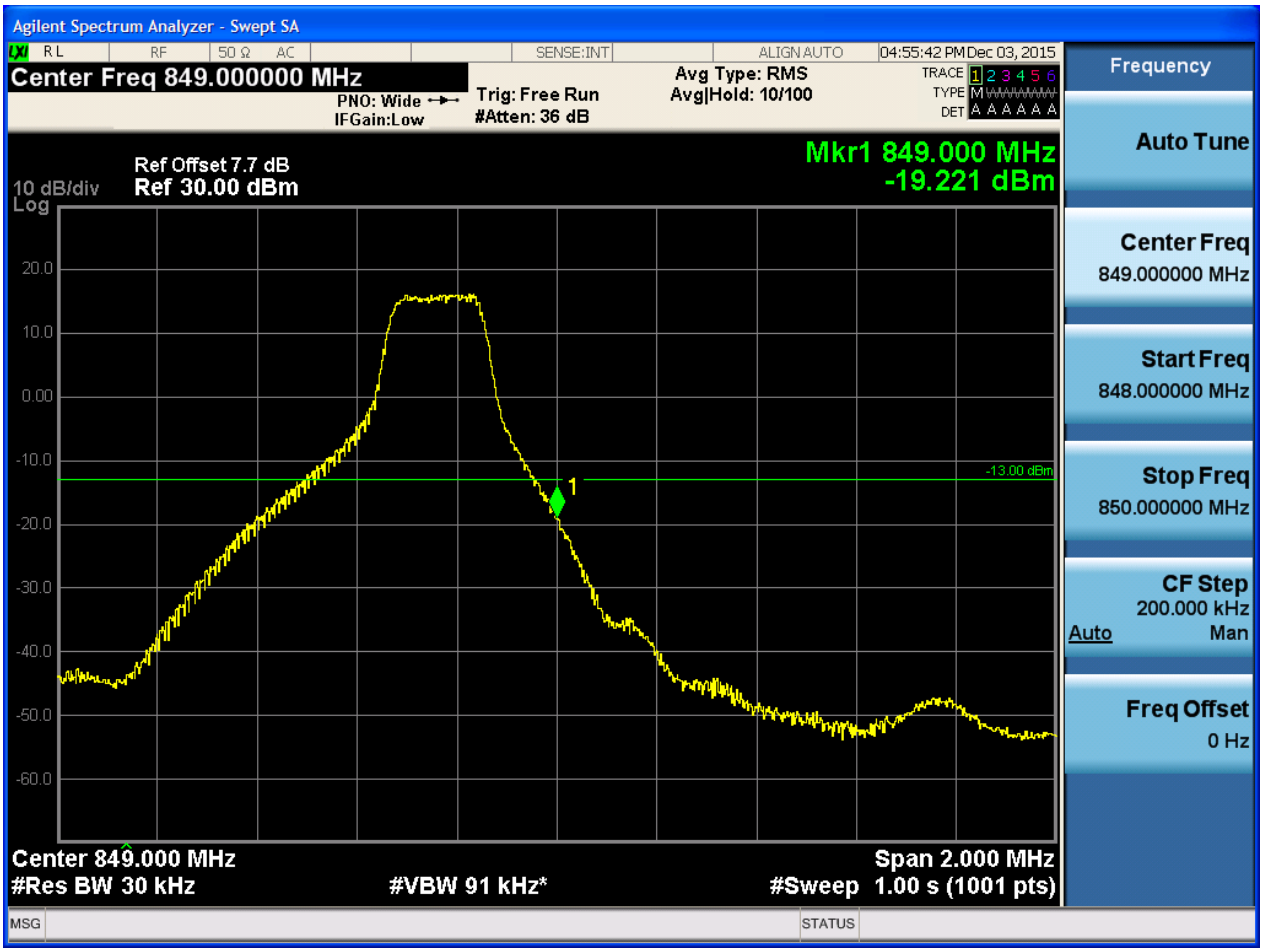
5.1.1.1.2.2.2 Test RB = RB1#14



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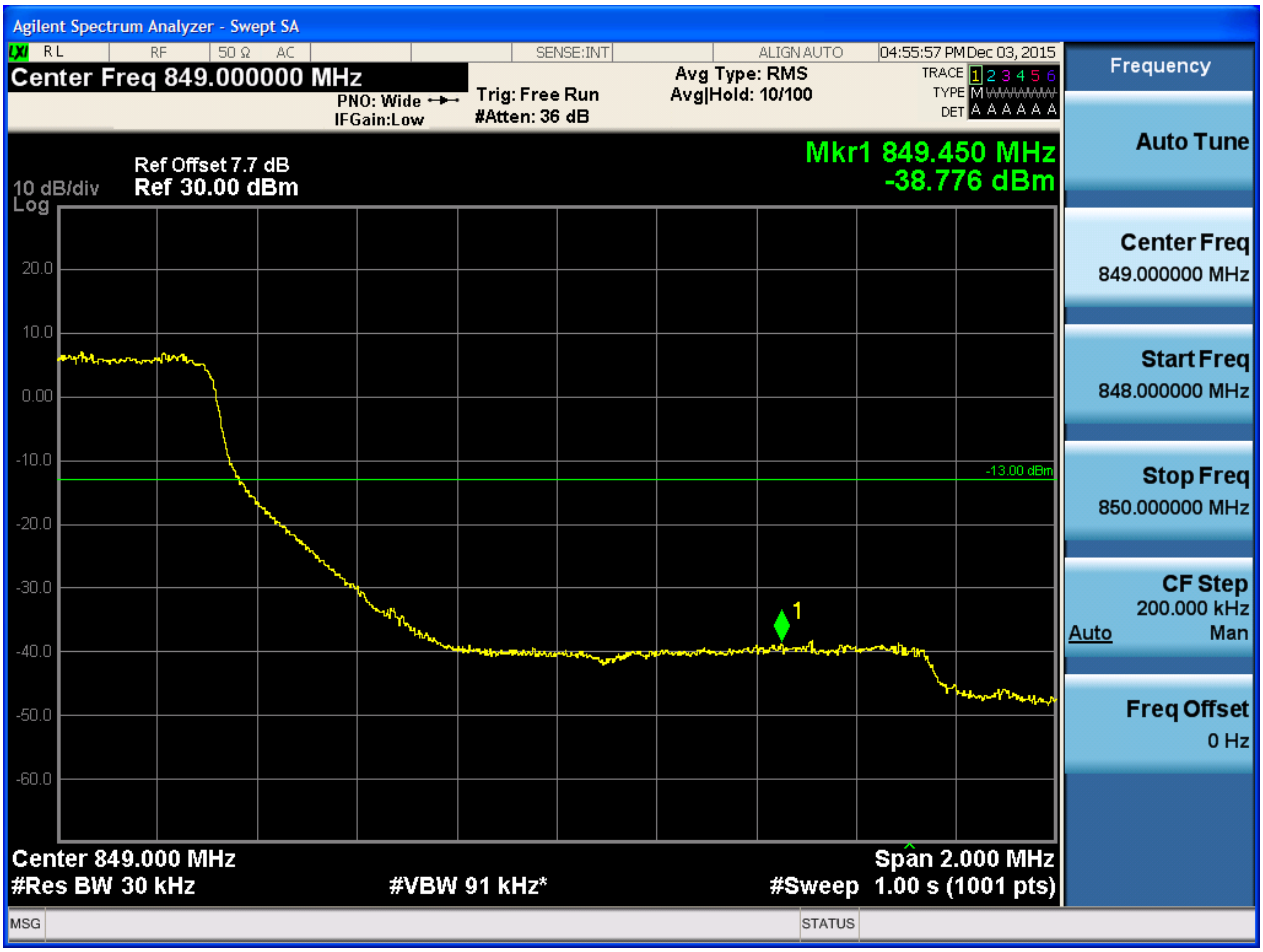
5.1.1.1.2.2.3 Test RB = RB8#4



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5.1.1.1.2.2.4 Test RB = RB15#0

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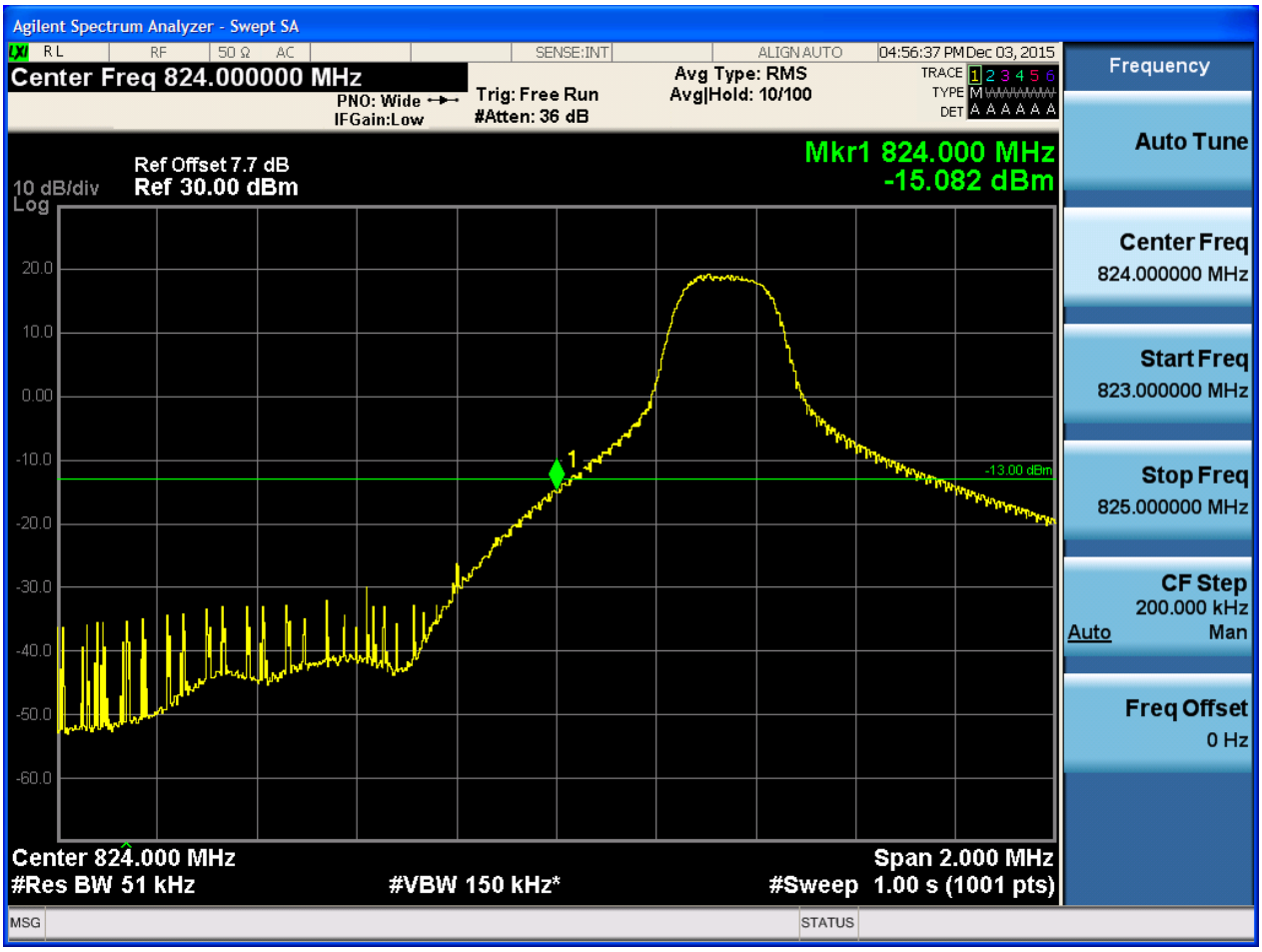
5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



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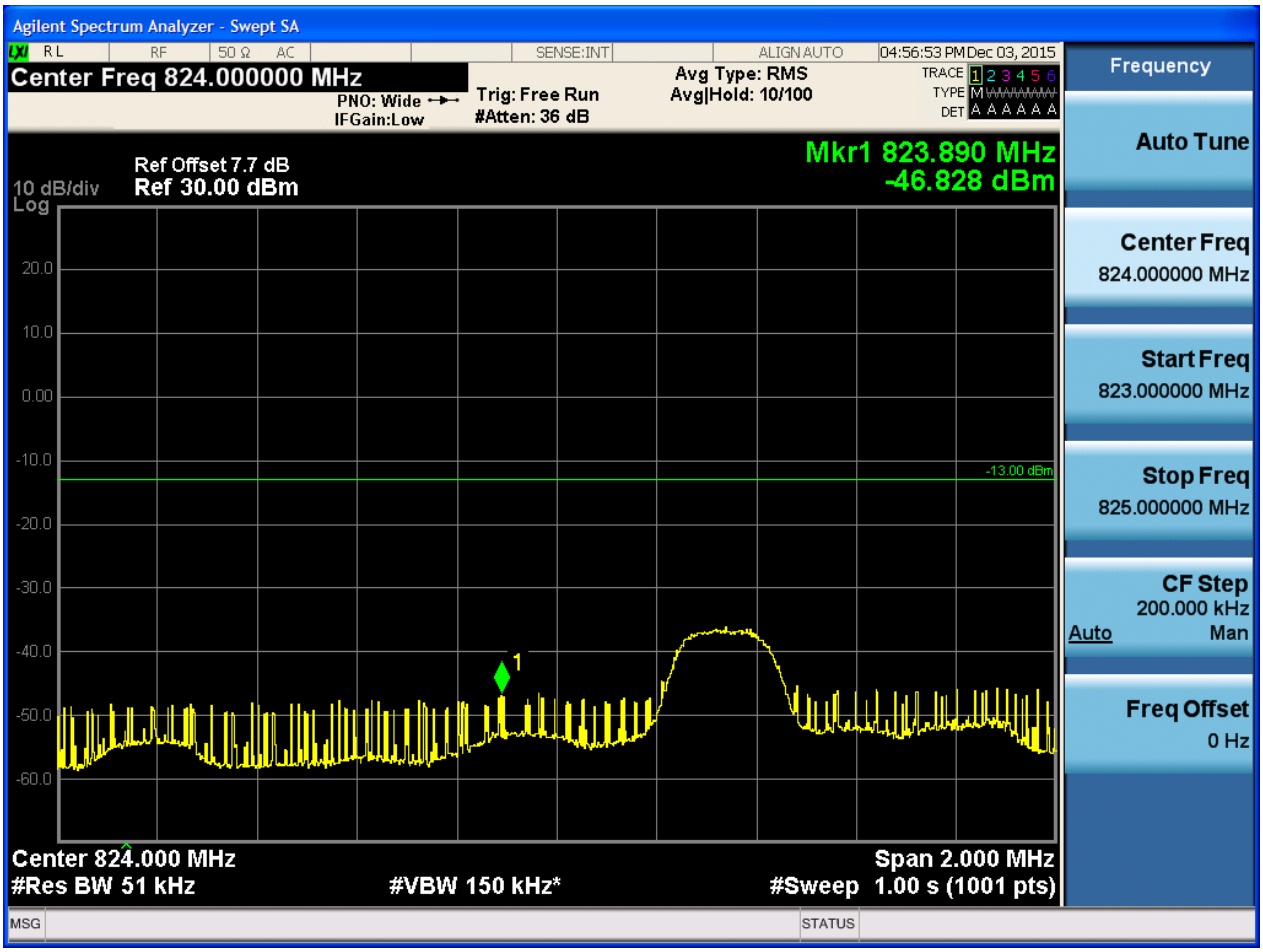
5.1.1.1.3.1.2 Test RB = RB1#24



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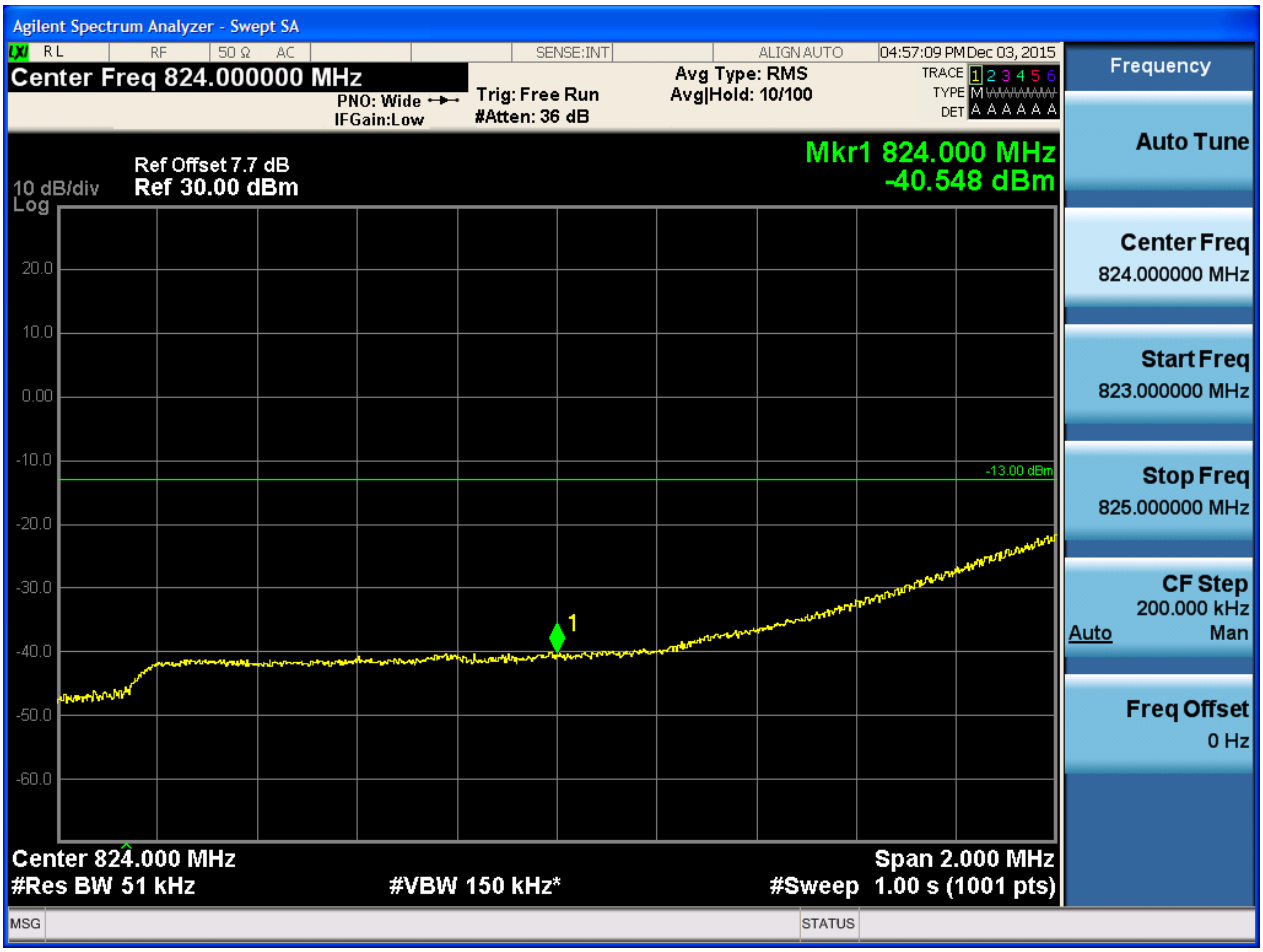
5.1.1.1.3.1.3 Test RB = RB12#6



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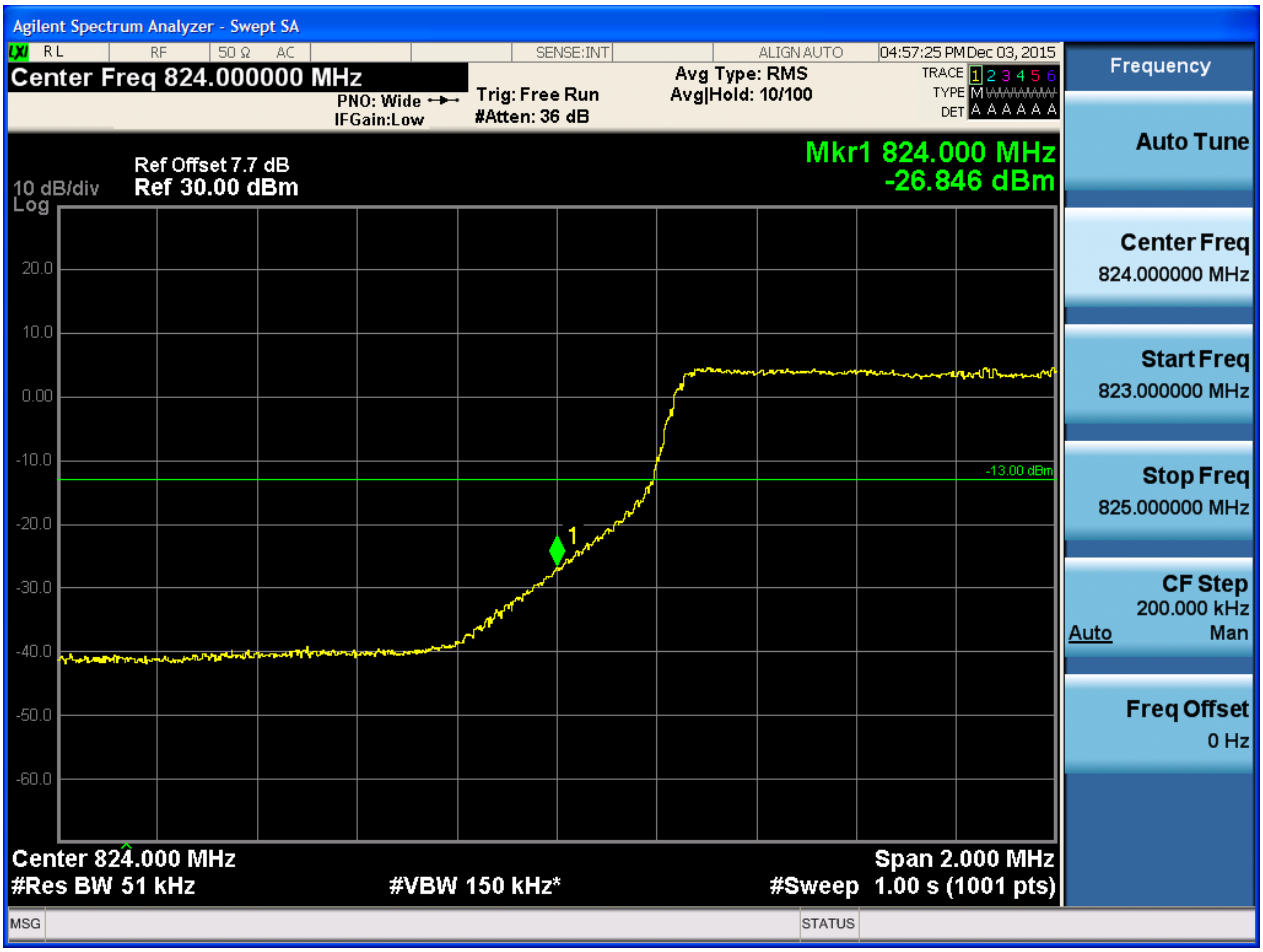
5.1.1.1.3.1.4 Test RB = RB25#0



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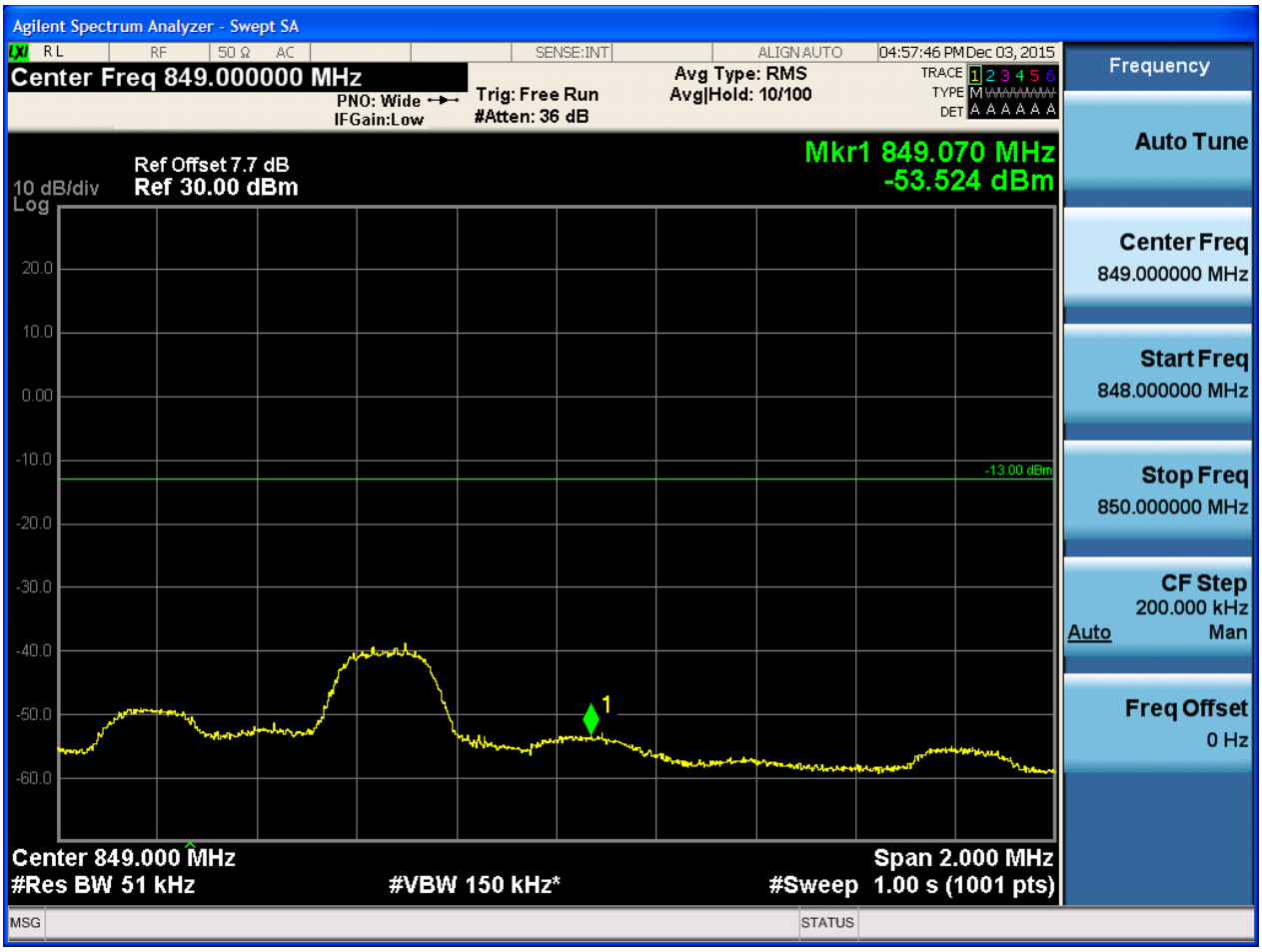
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



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5.1.1.1.3.2.2 Test RB = RB1#24

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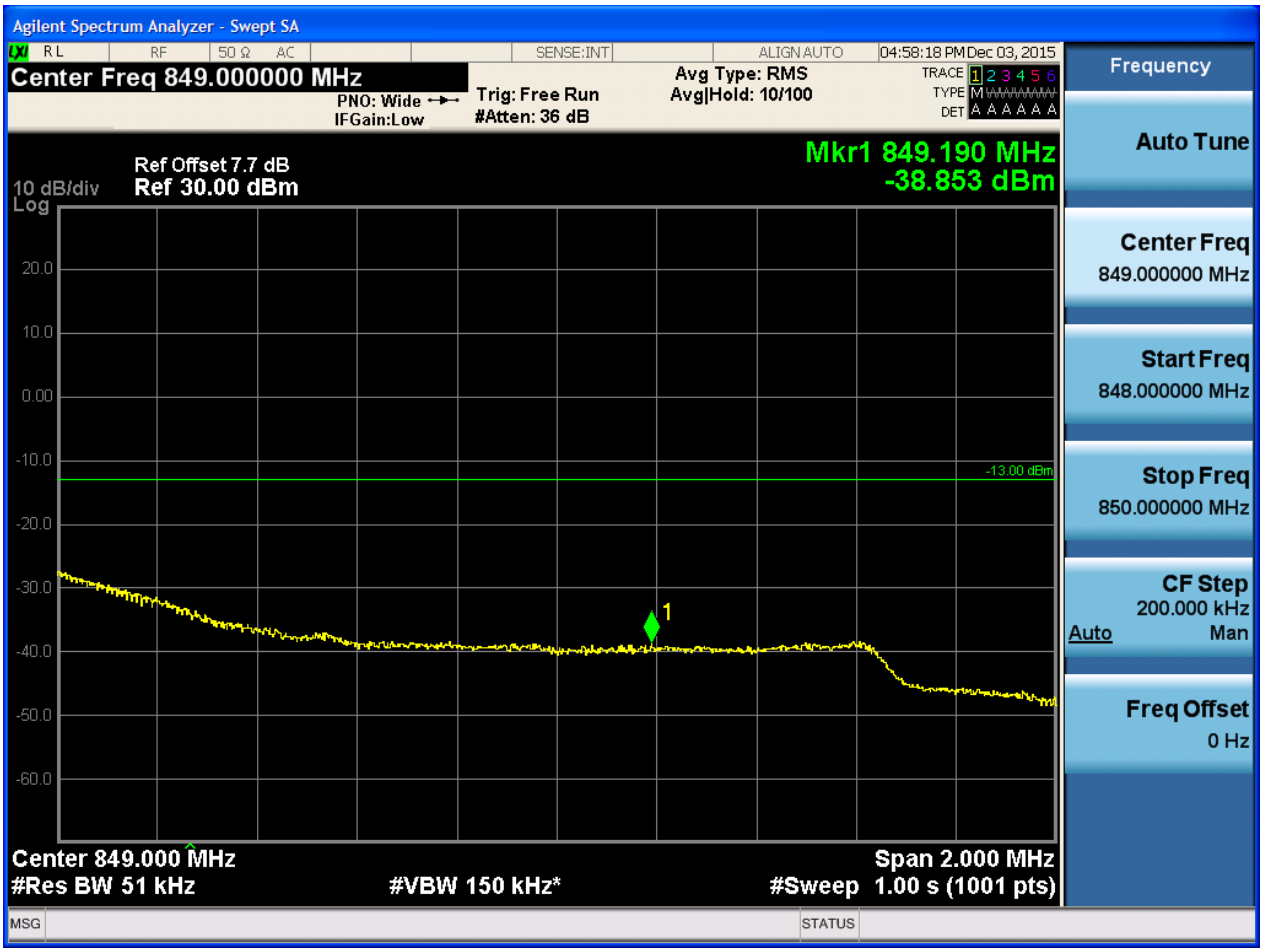
5.1.1.1.3.2.3 Test RB = RB12#6



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5.1.1.1.3.2.4 Test RB = RB25#0

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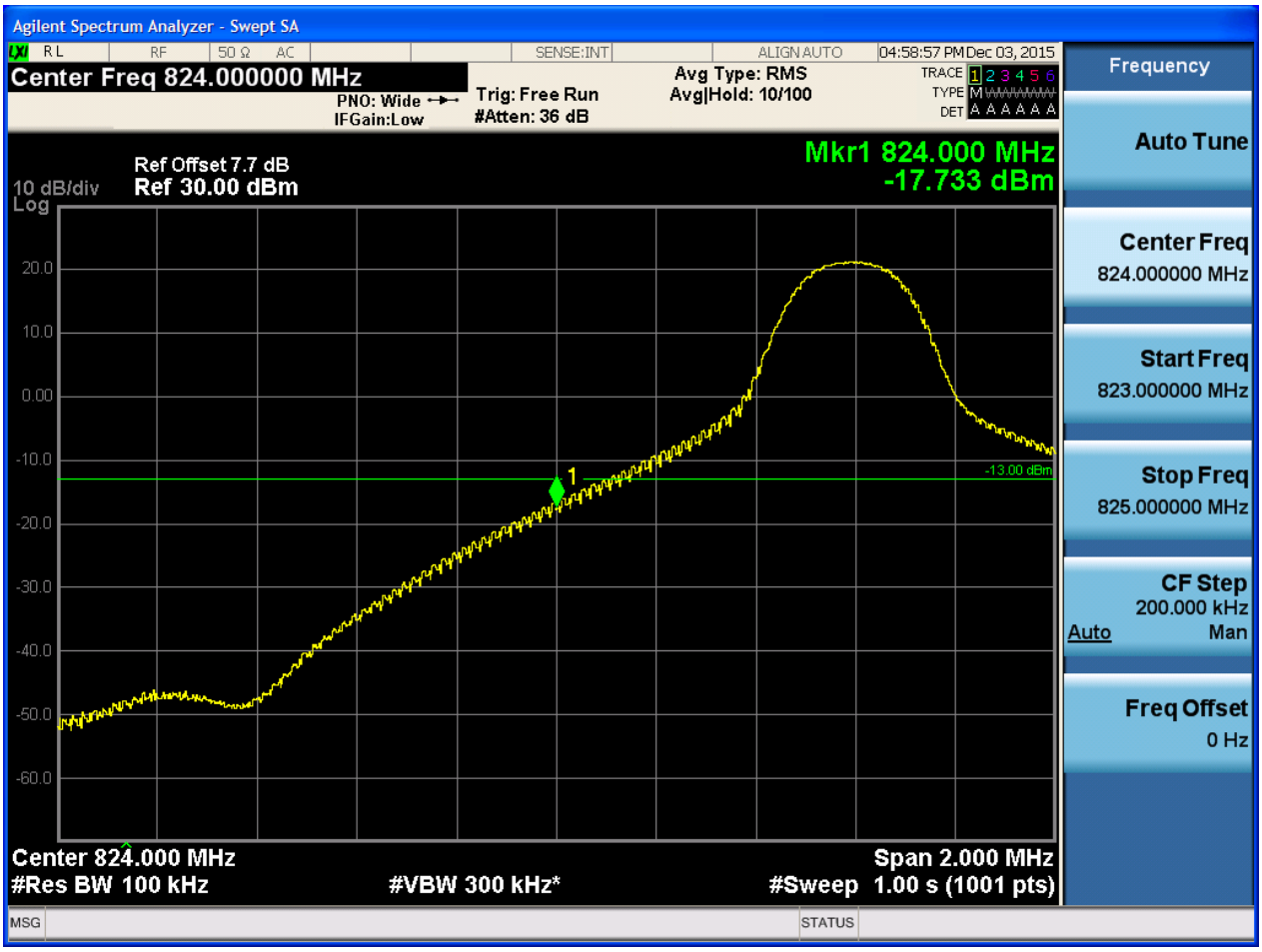
5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



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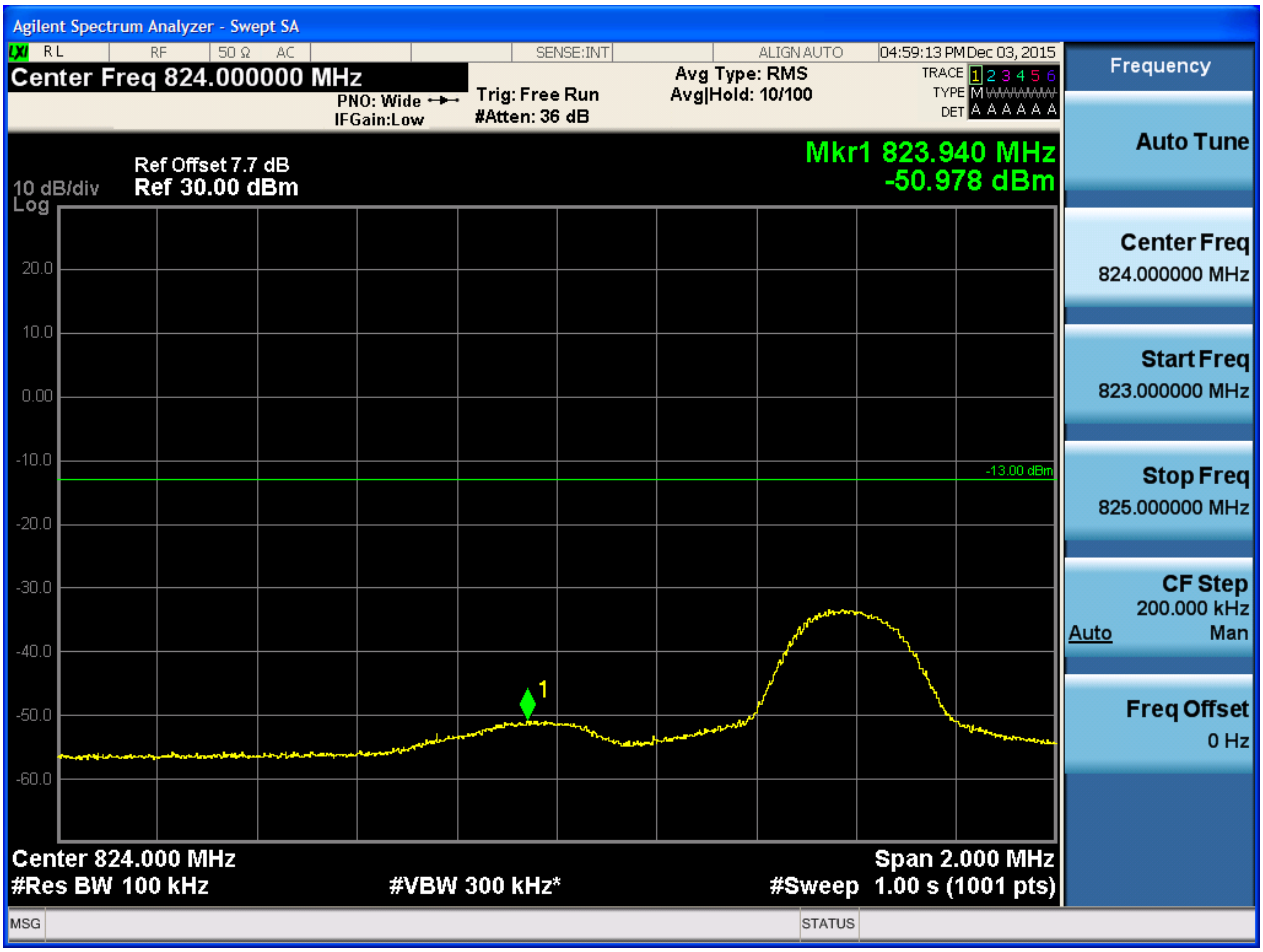
5.1.1.1.4.1.2 Test RB = RB1#49



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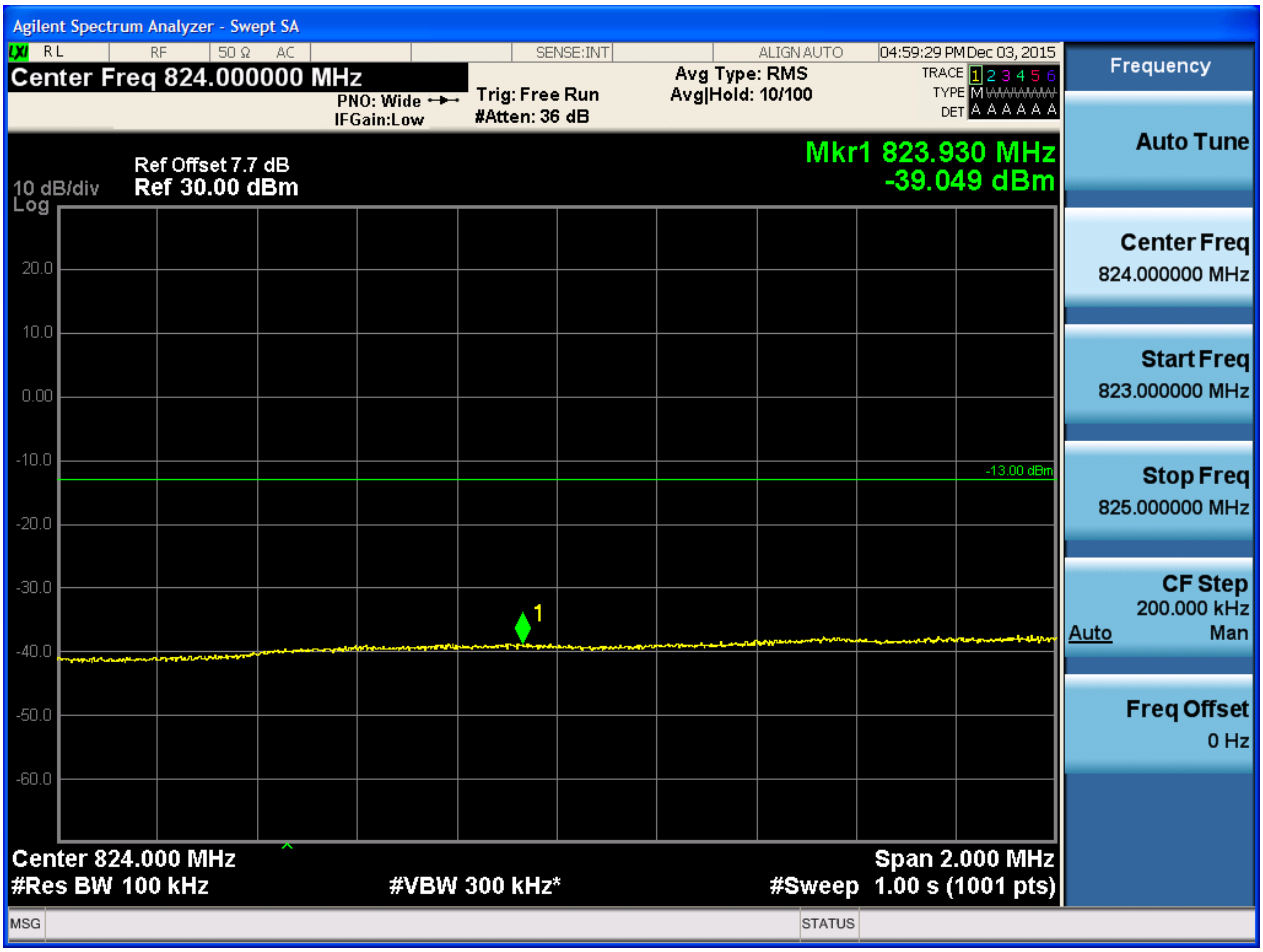
5.1.1.1.4.1.3 Test RB = RB25#13



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5.1.1.1.4.1.4 Test RB = RB50#0

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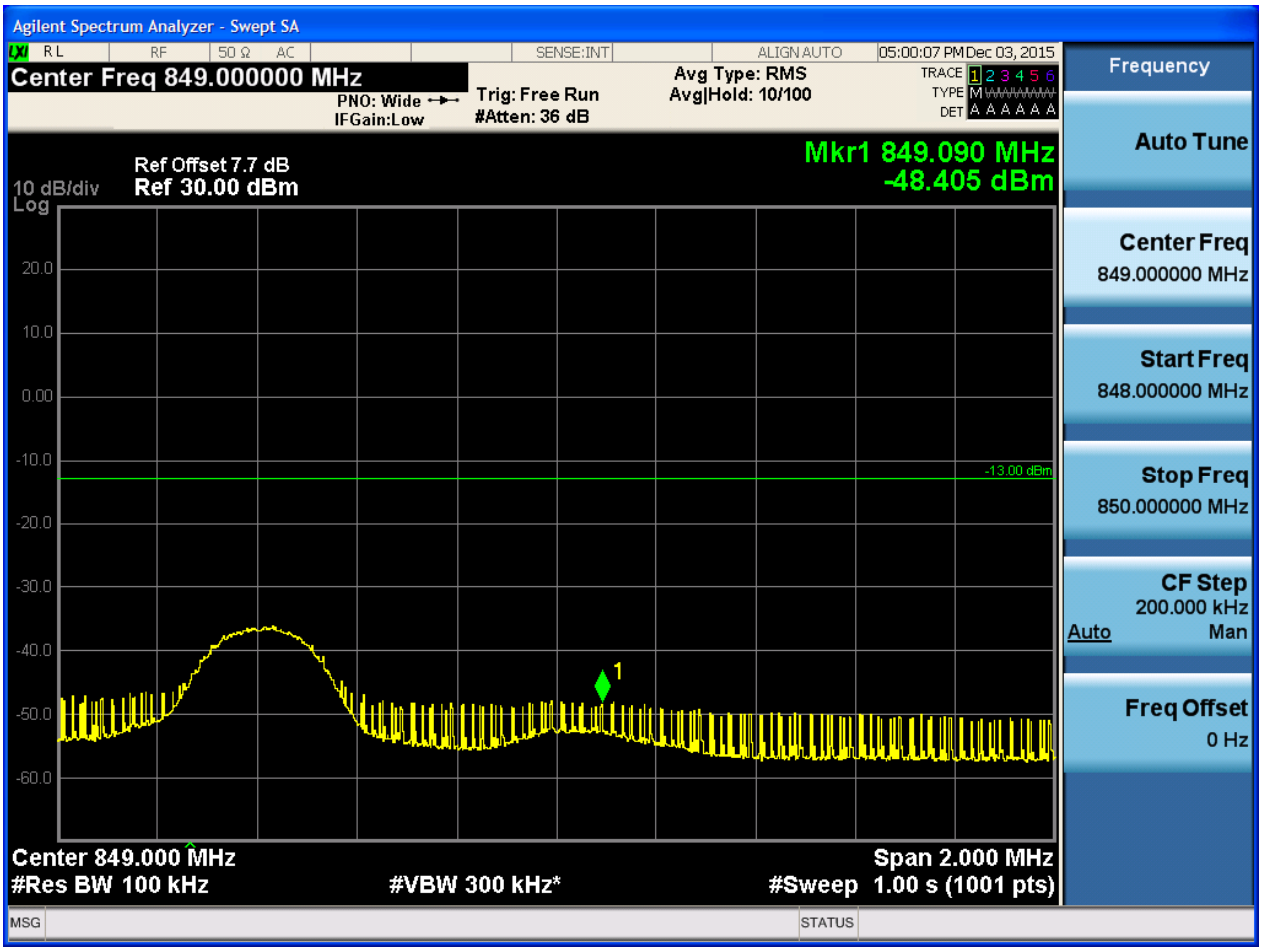
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



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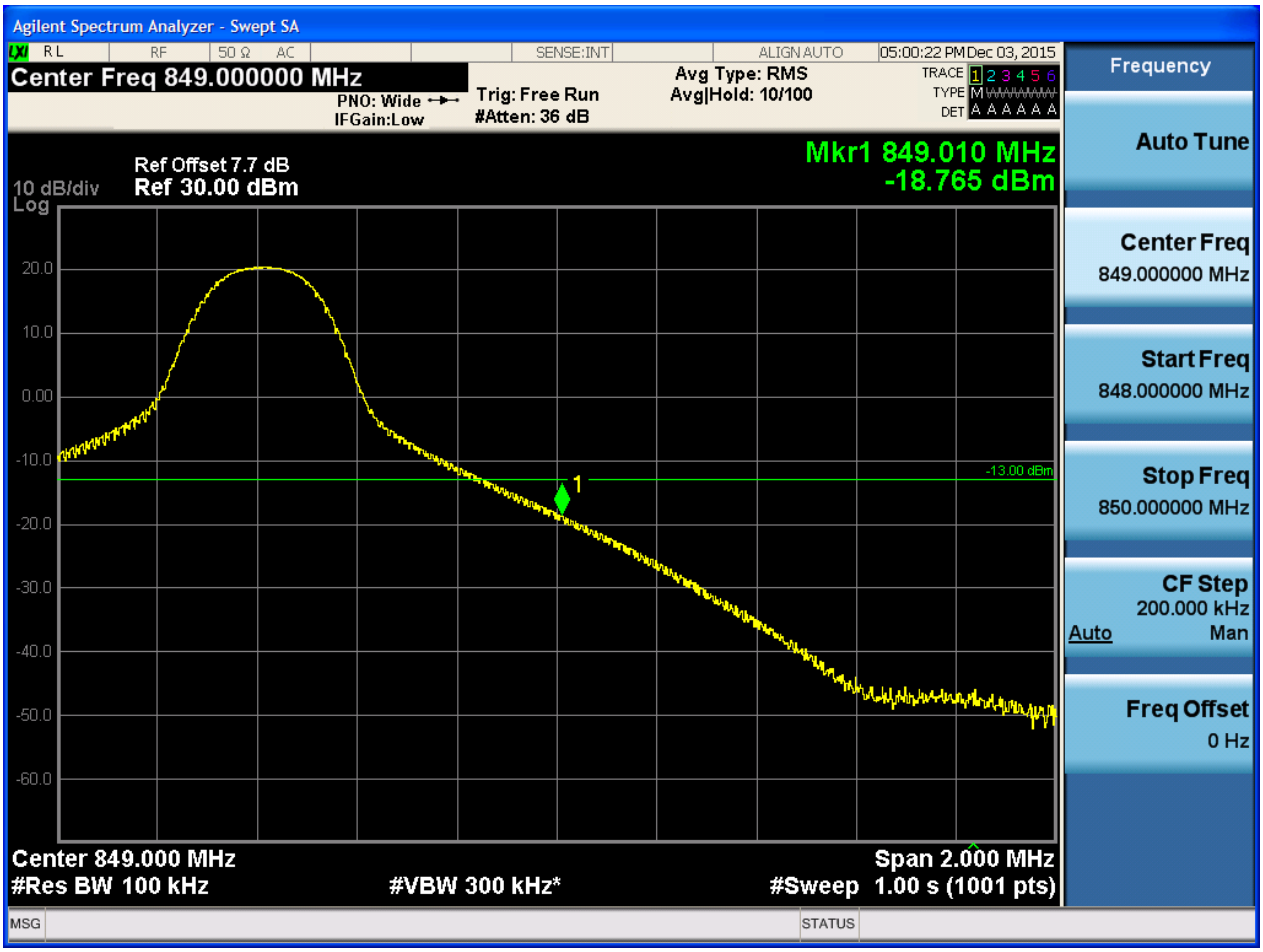
5.1.1.1.4.2.2 Test RB = RB1#49



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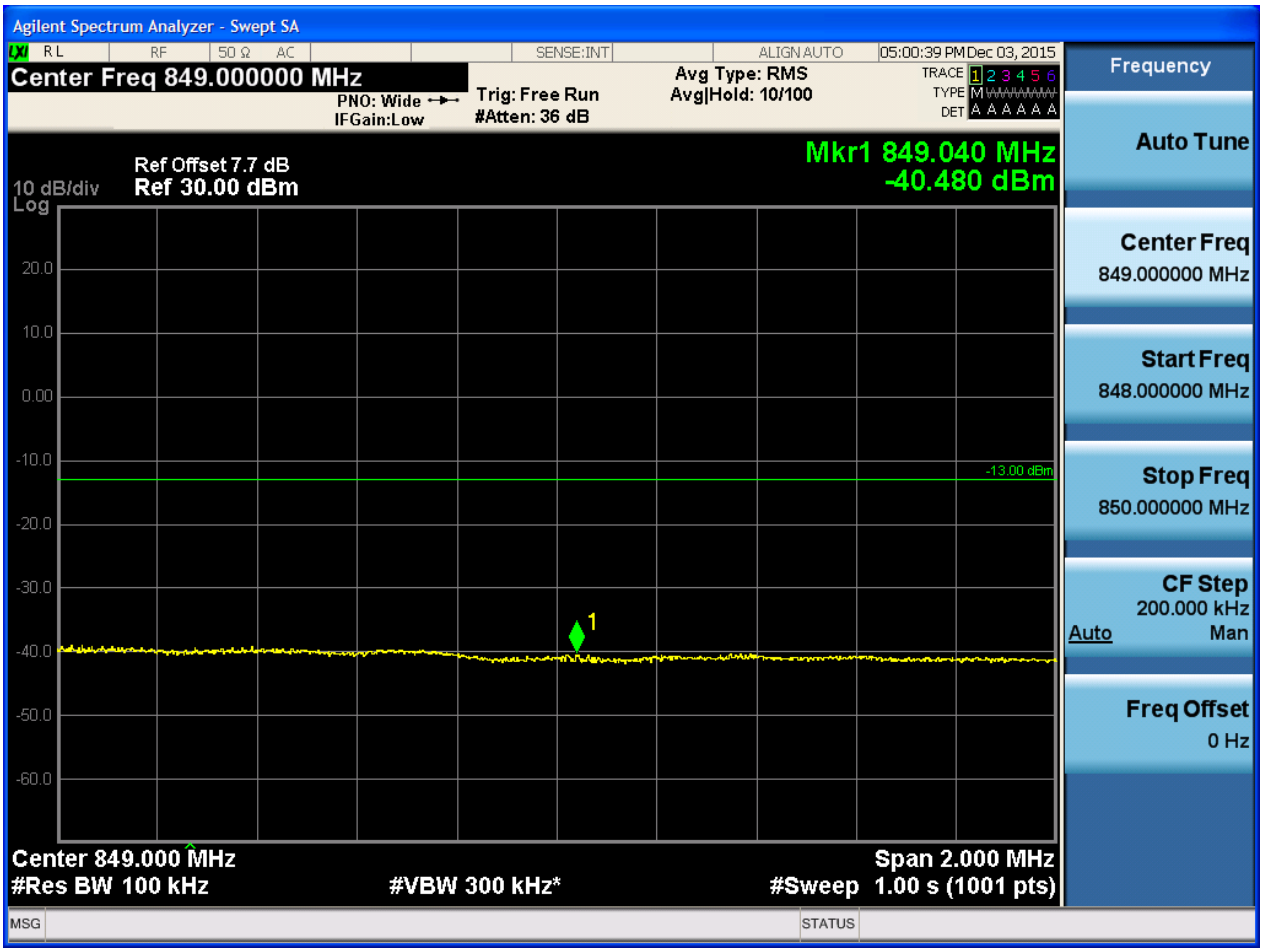
5.1.1.1.4.2.3 Test RB = RB25#13



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5.1.1.1.4.2.4 Test RB = RB50#0

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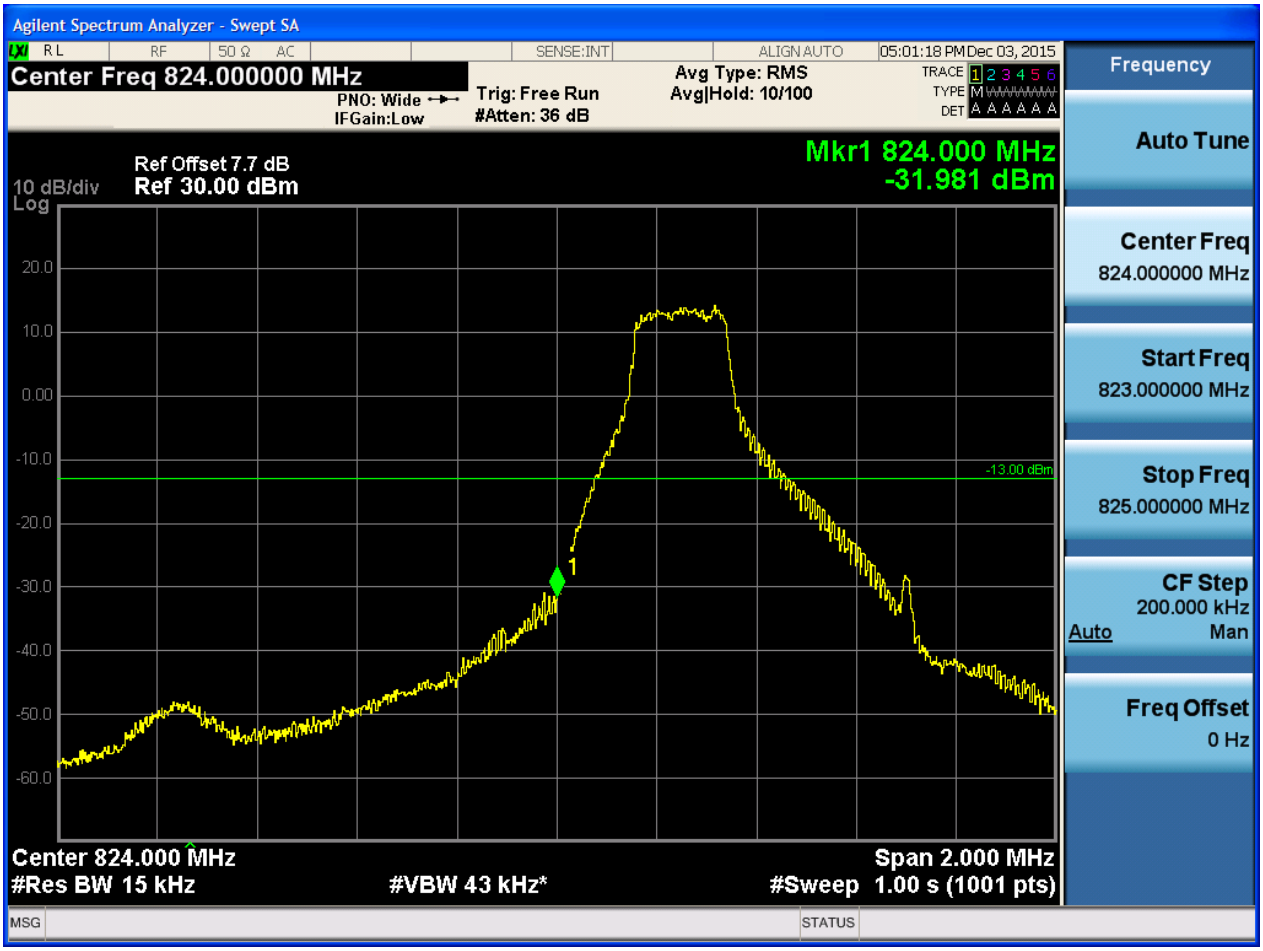
5.1.1.2 Test Mode = LTE/TM2

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



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5.1.1.2.1.1.2 Test RB = RB1#5

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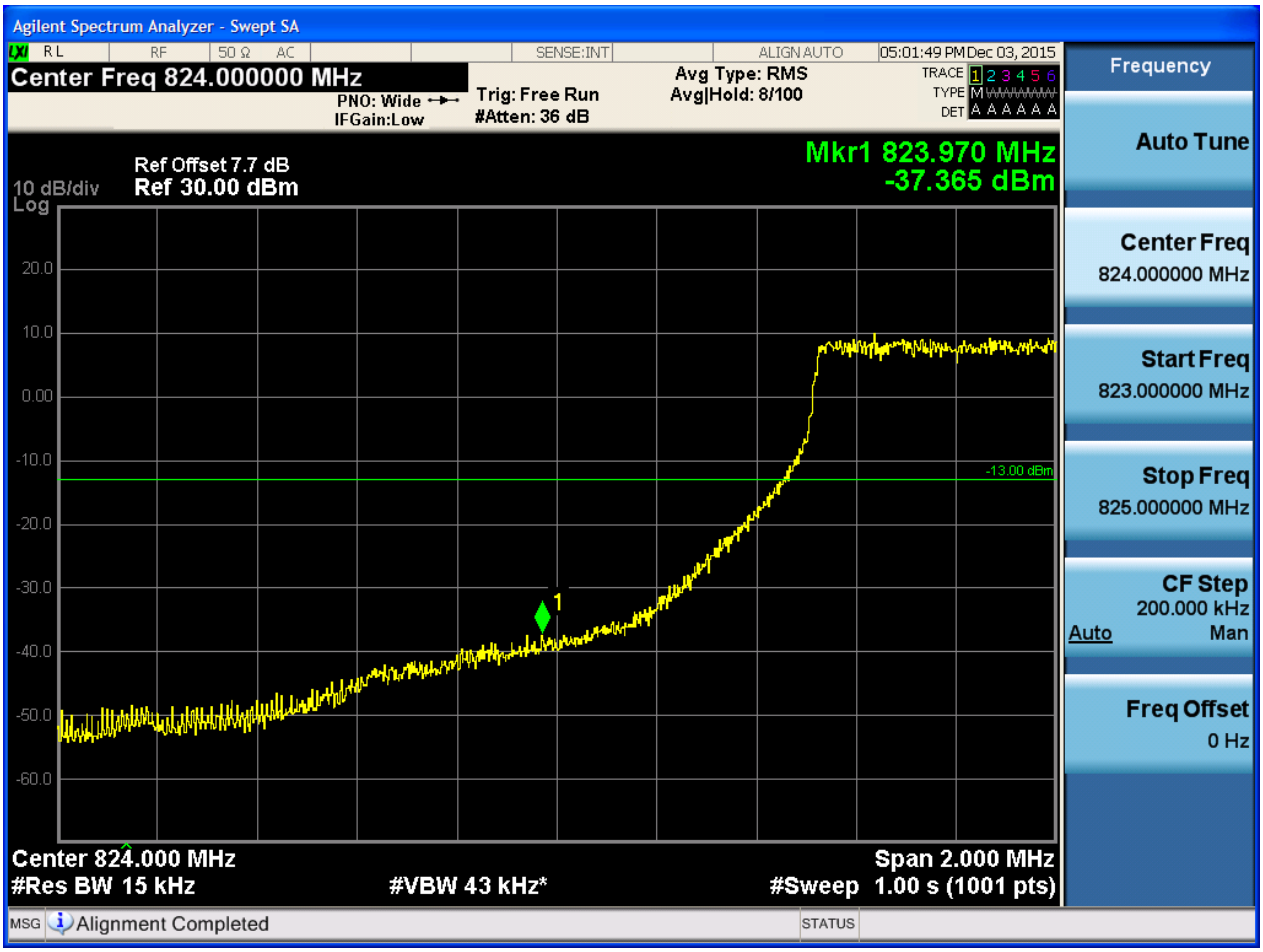
5.1.1.2.1.1.3 Test RB = RB3#2



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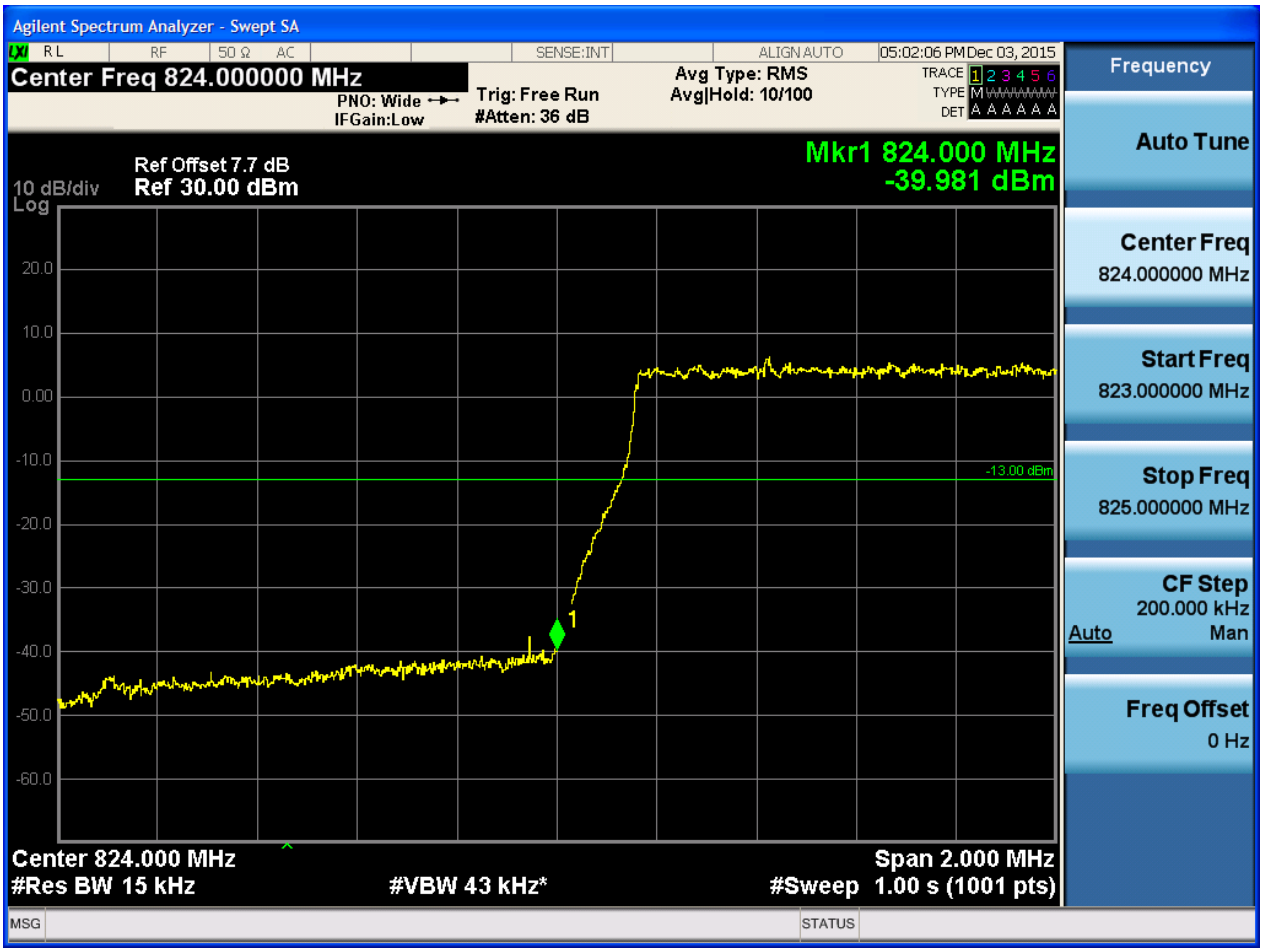
5.1.1.2.1.1.4 Test RB = RB6#0



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5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

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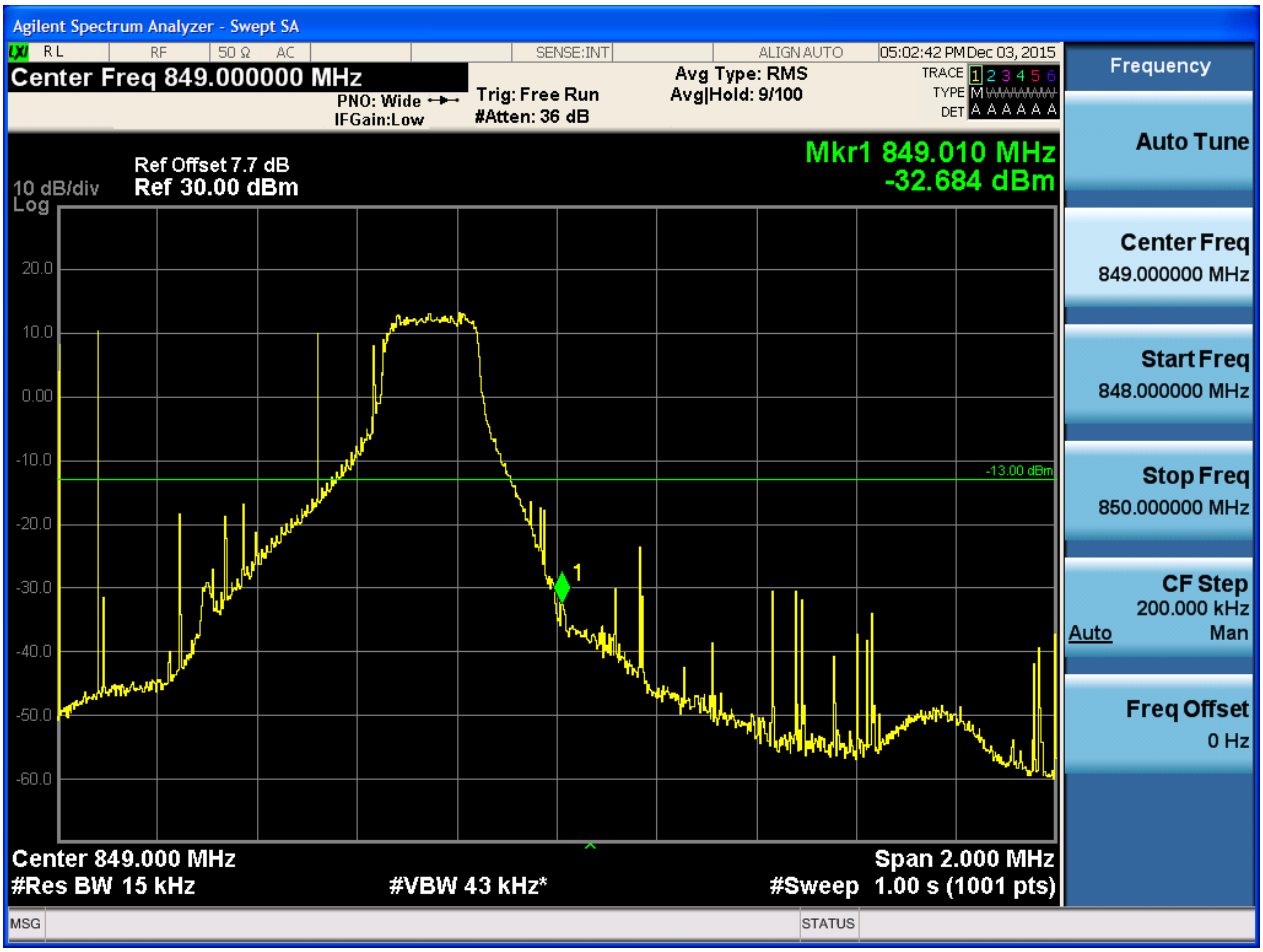
5.1.1.2.1.2.2 Test RB = RB1#5



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5.1.1.2.1.2.3 Test RB = RB3#2

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5.1.1.2.1.2.4 Test RB = RB6#0

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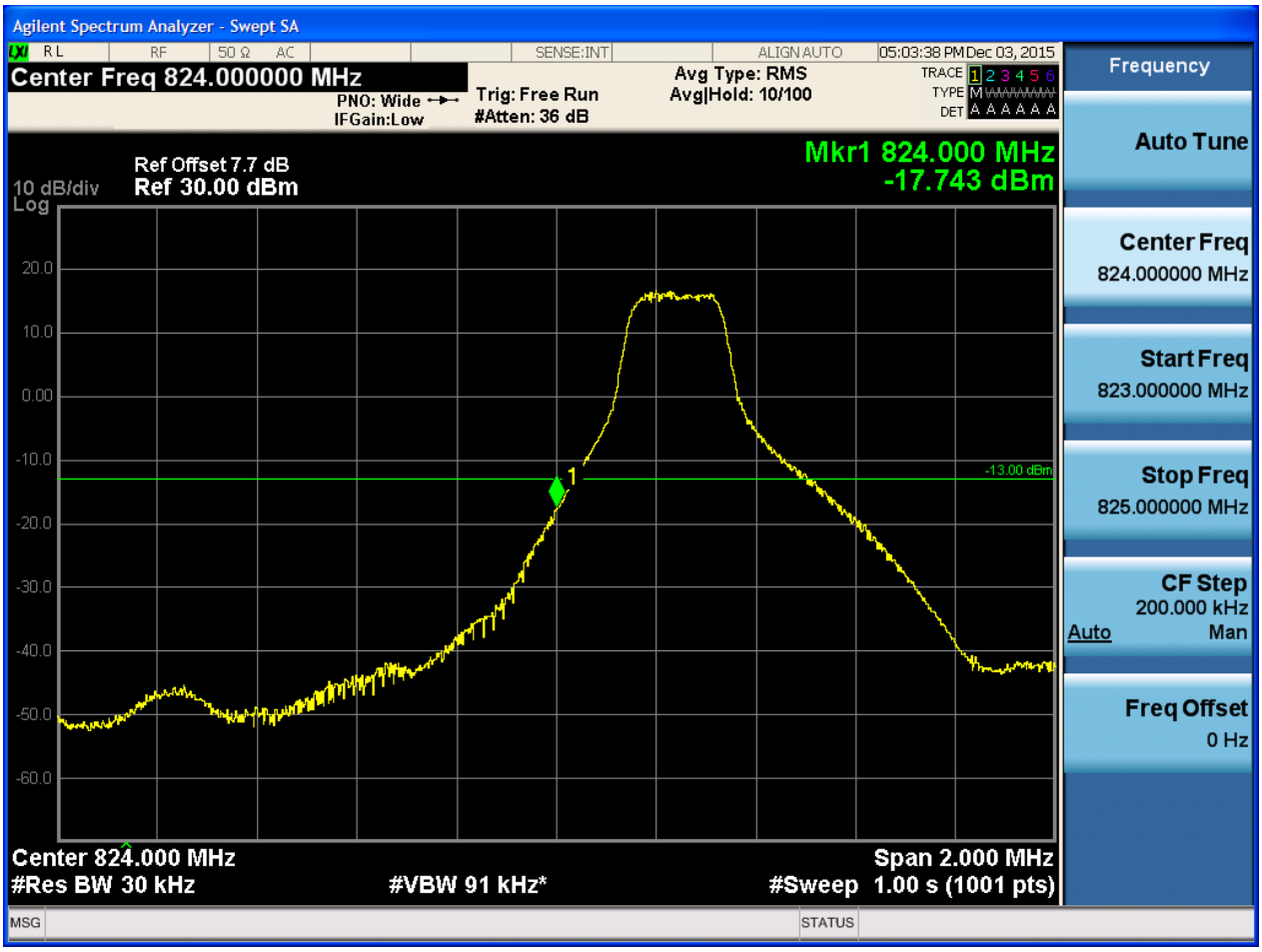
5.1.1.2.2 Test Bandwidth = 3

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



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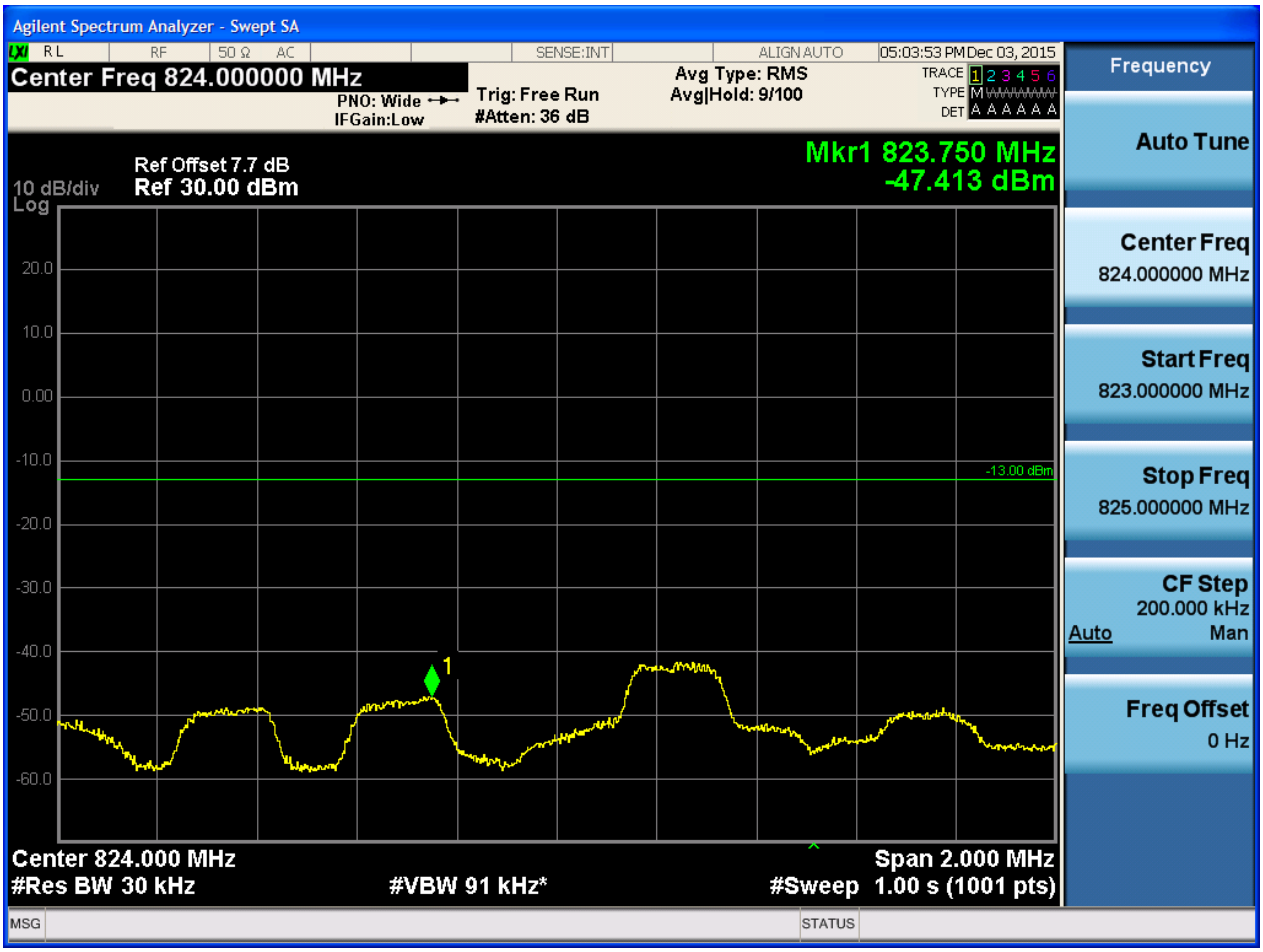
5.1.1.2.2.1.2 Test RB = RB1#14



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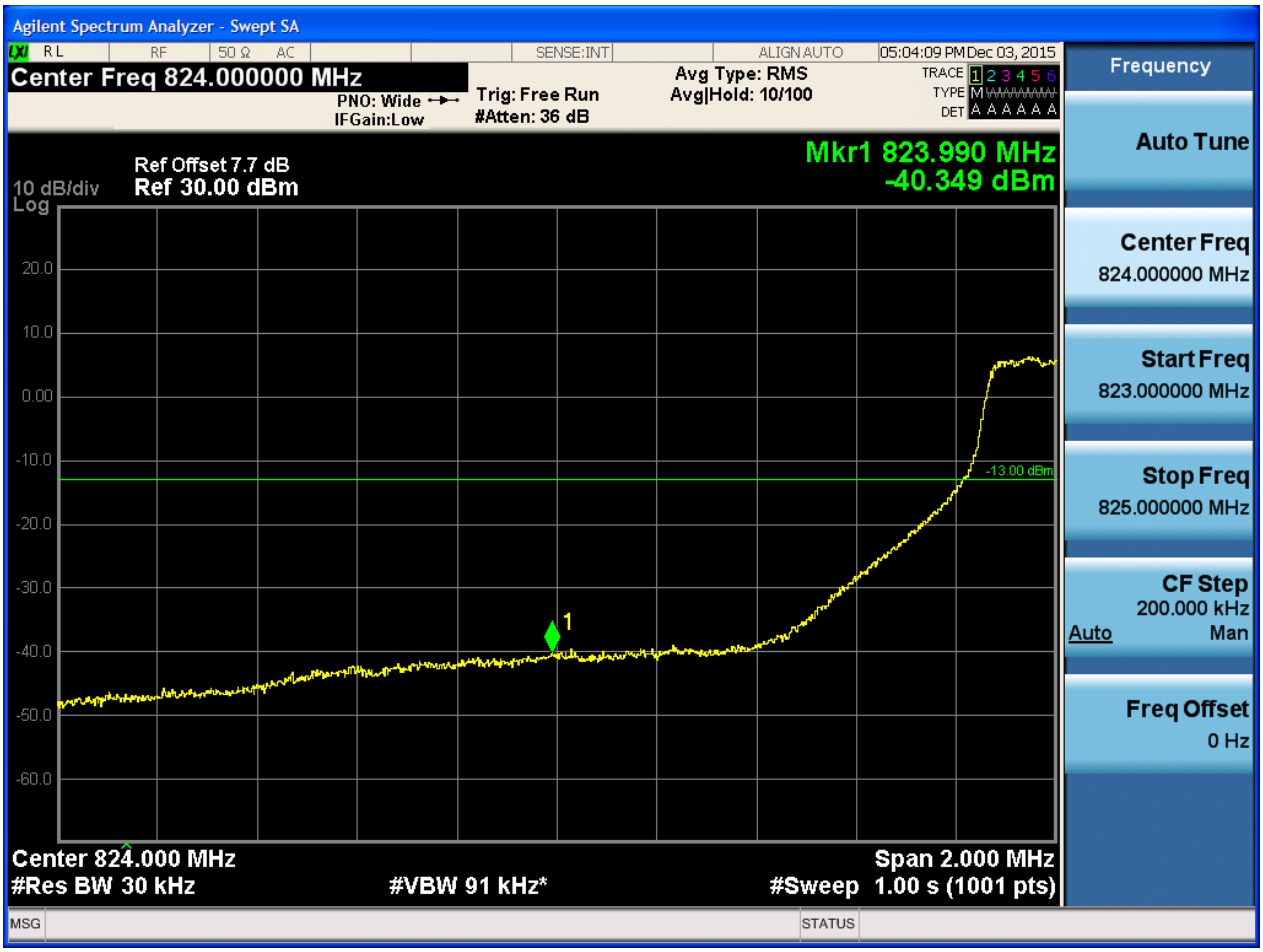
5.1.1.2.2.1.3 Test RB = RB8#4



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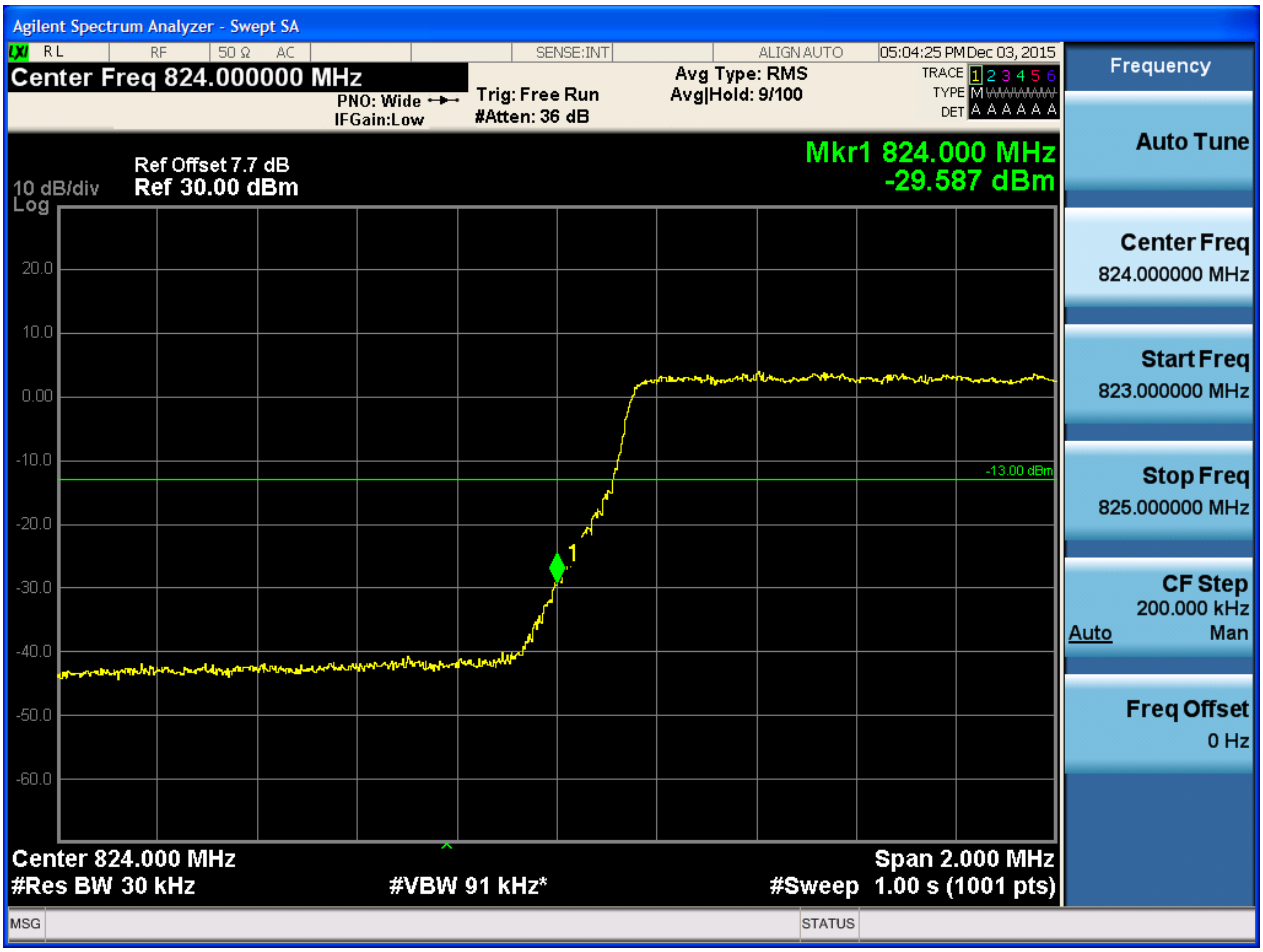
5.1.1.2.2.1.4 Test RB = RB15#0



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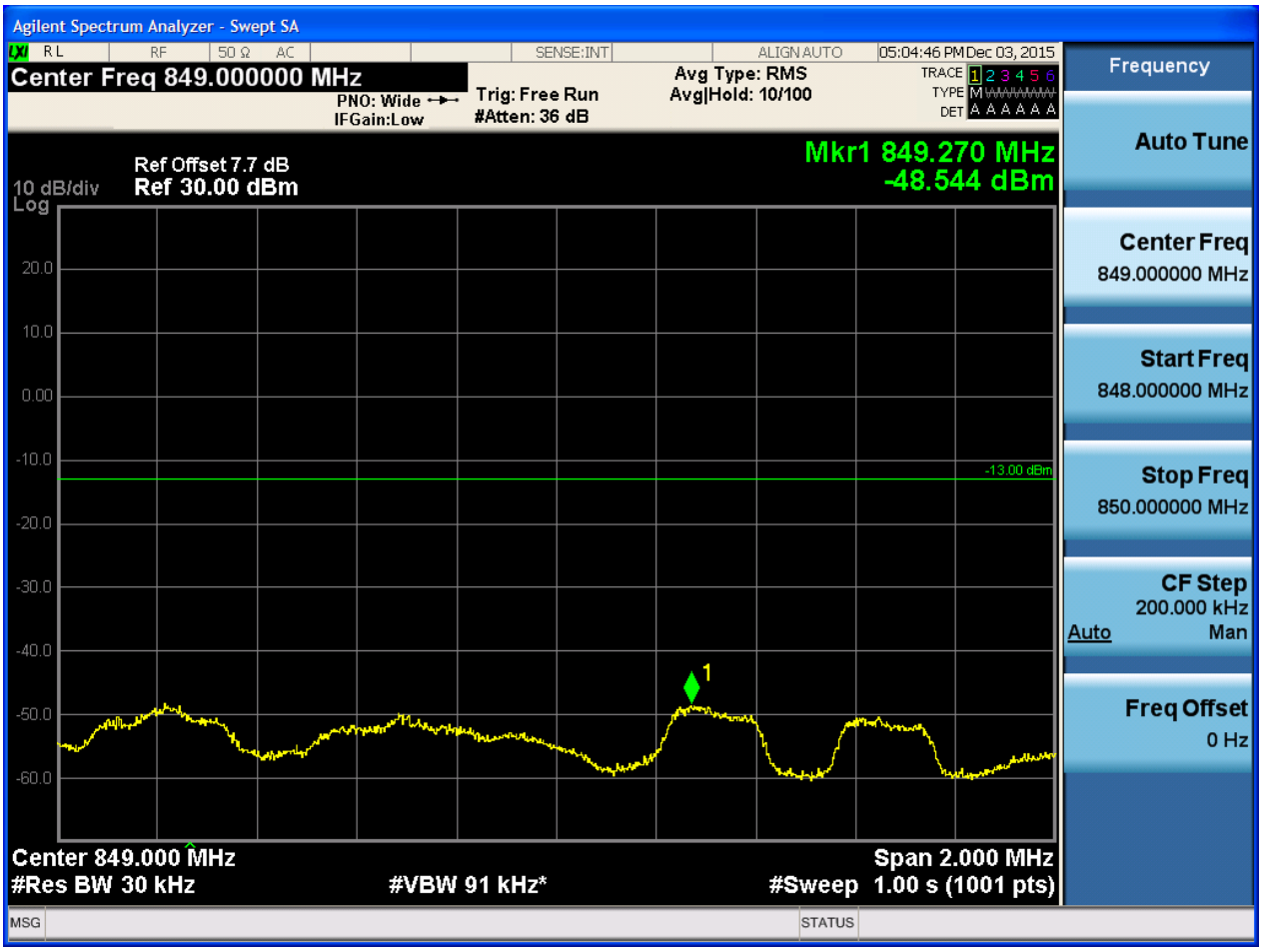
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



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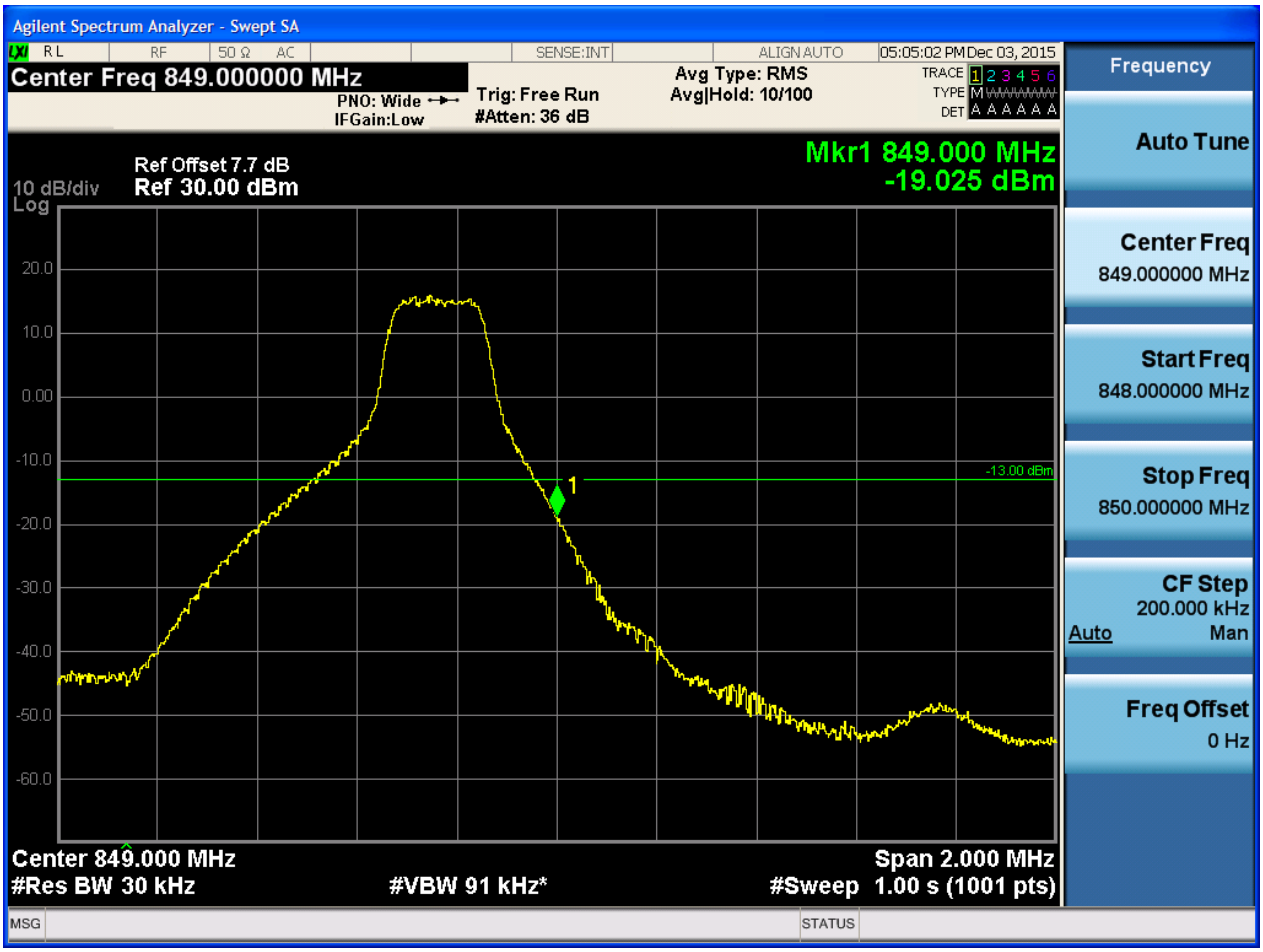
5.1.1.2.2.2.2 Test RB = RB1#14



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5.1.1.2.2.2.3 Test RB = RB8#4

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5.1.1.2.2.2.4 Test RB = RB15#0

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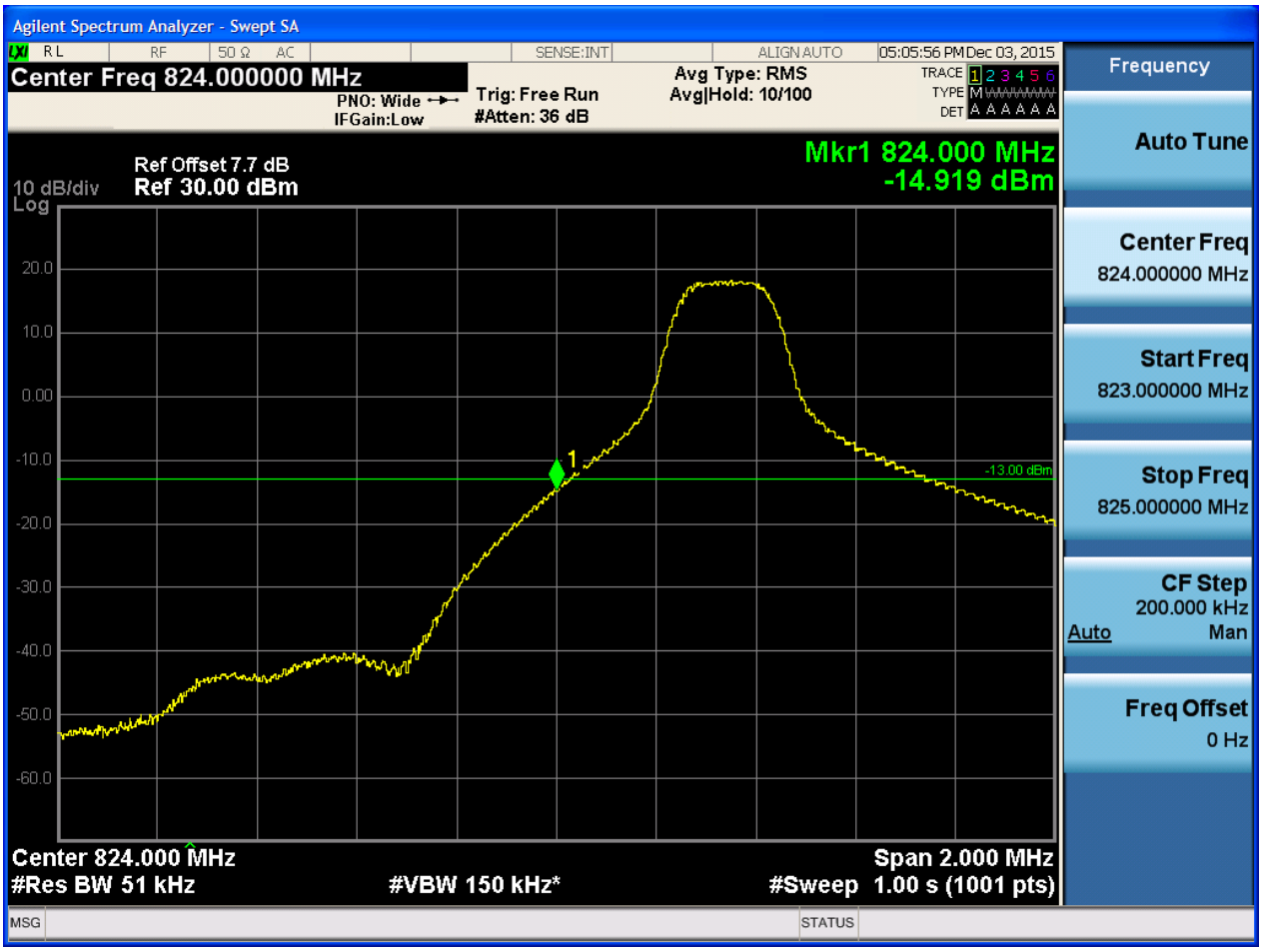
5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0



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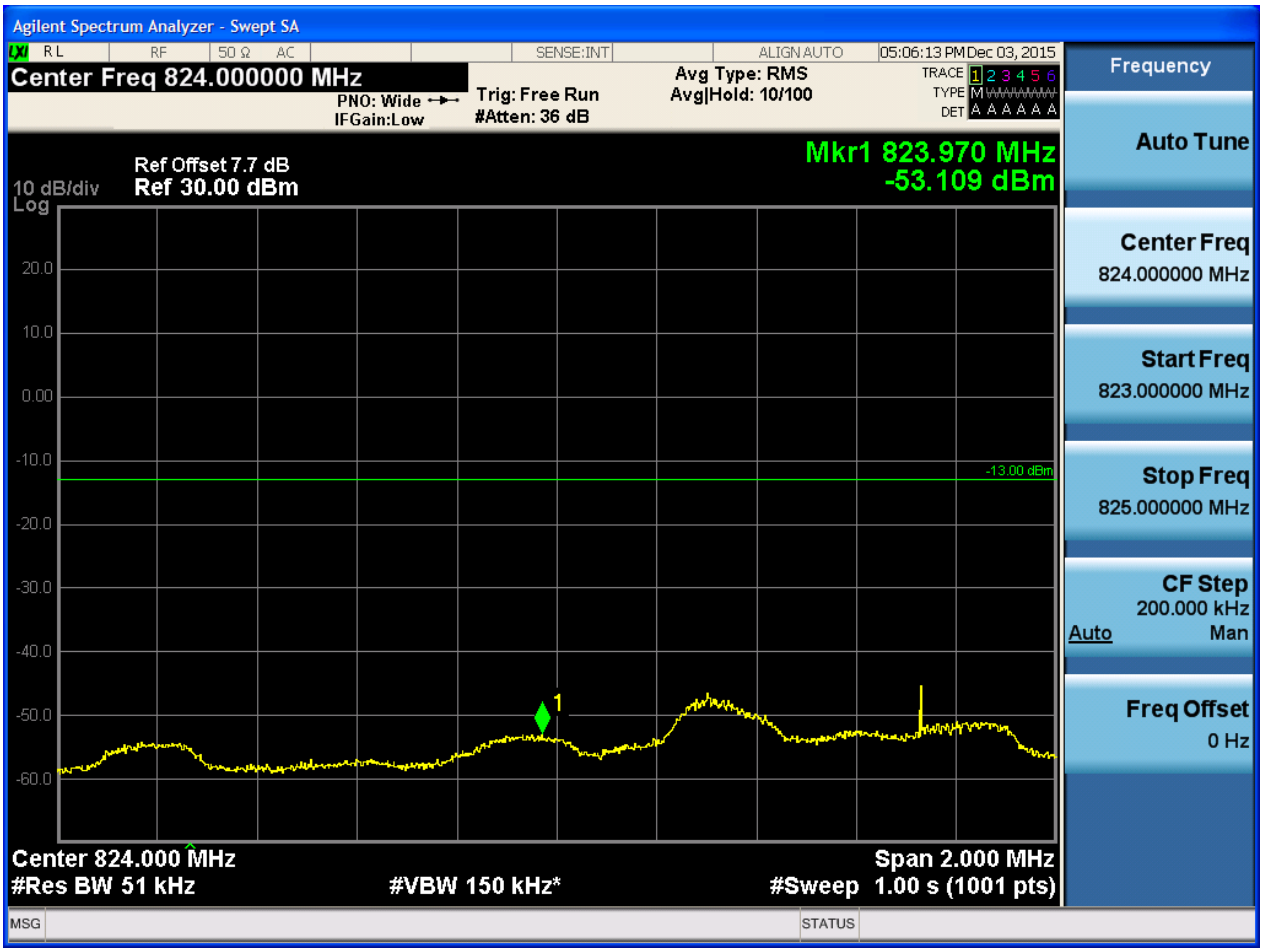
5.1.1.2.3.1.2 Test RB = RB1#24



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5.1.1.2.3.1.3 Test RB = RB12#6

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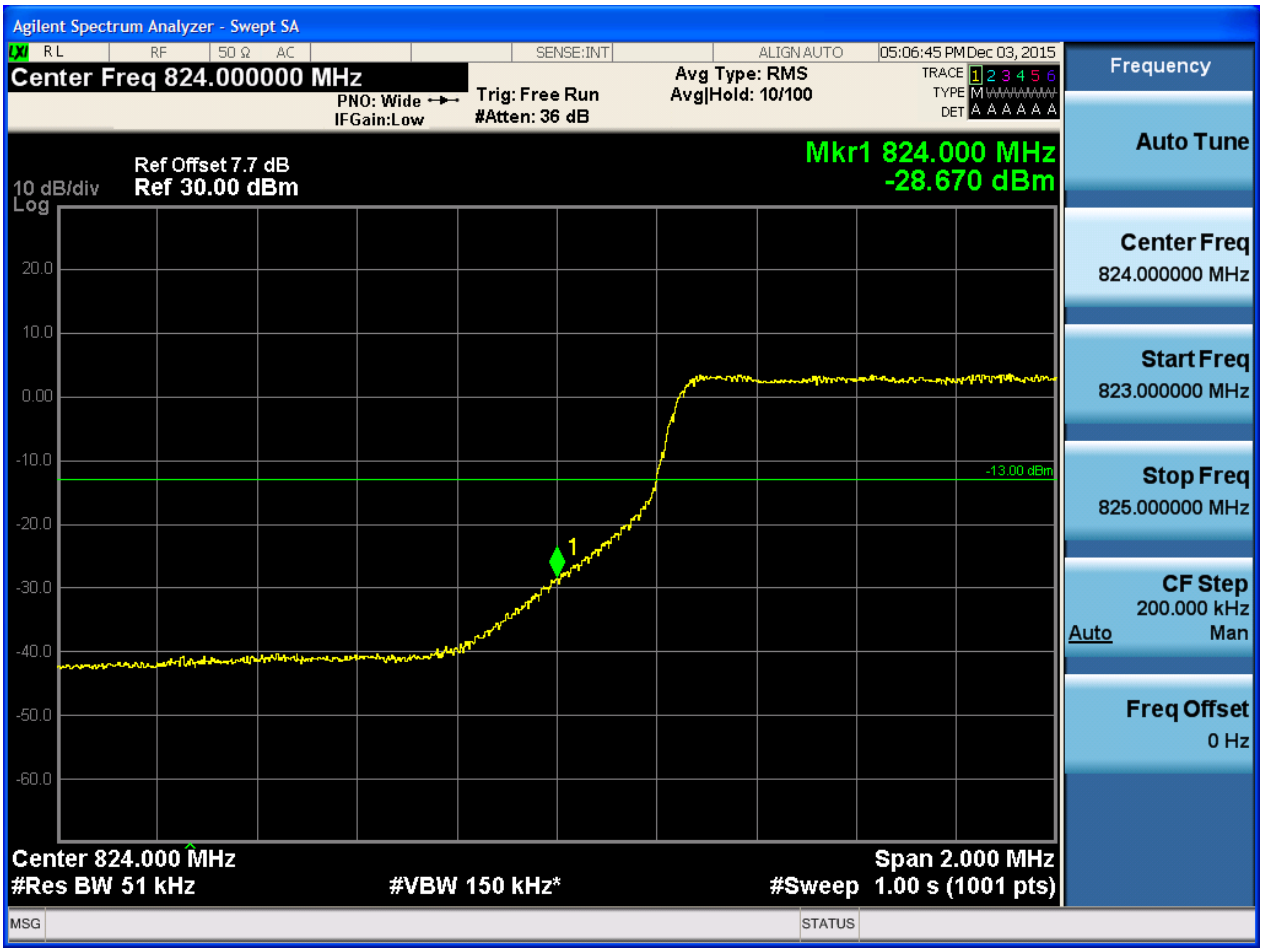
5.1.1.2.3.1.4 Test RB = RB25#0



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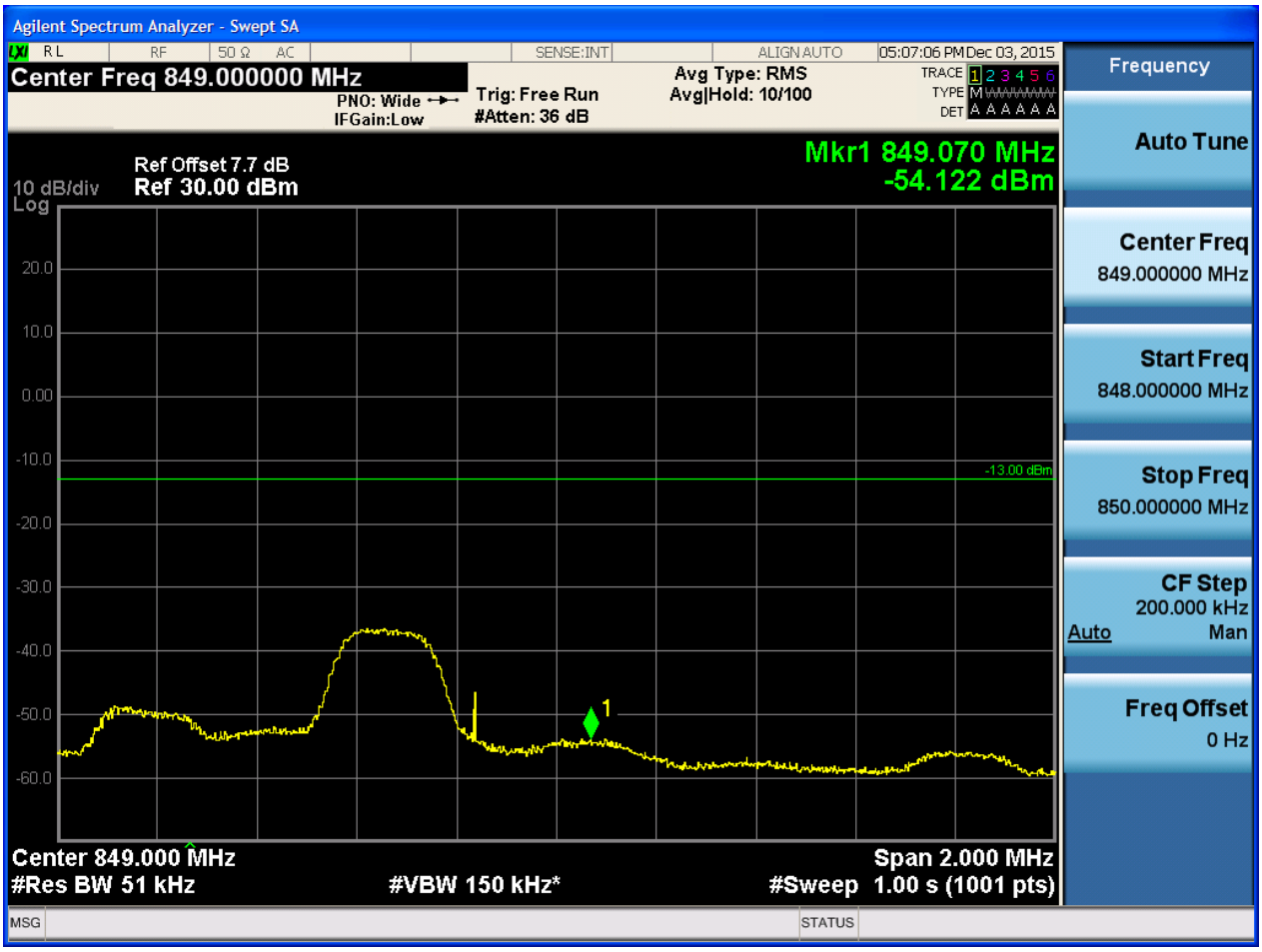
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



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5.1.1.2.3.2.2 Test RB = RB1#24

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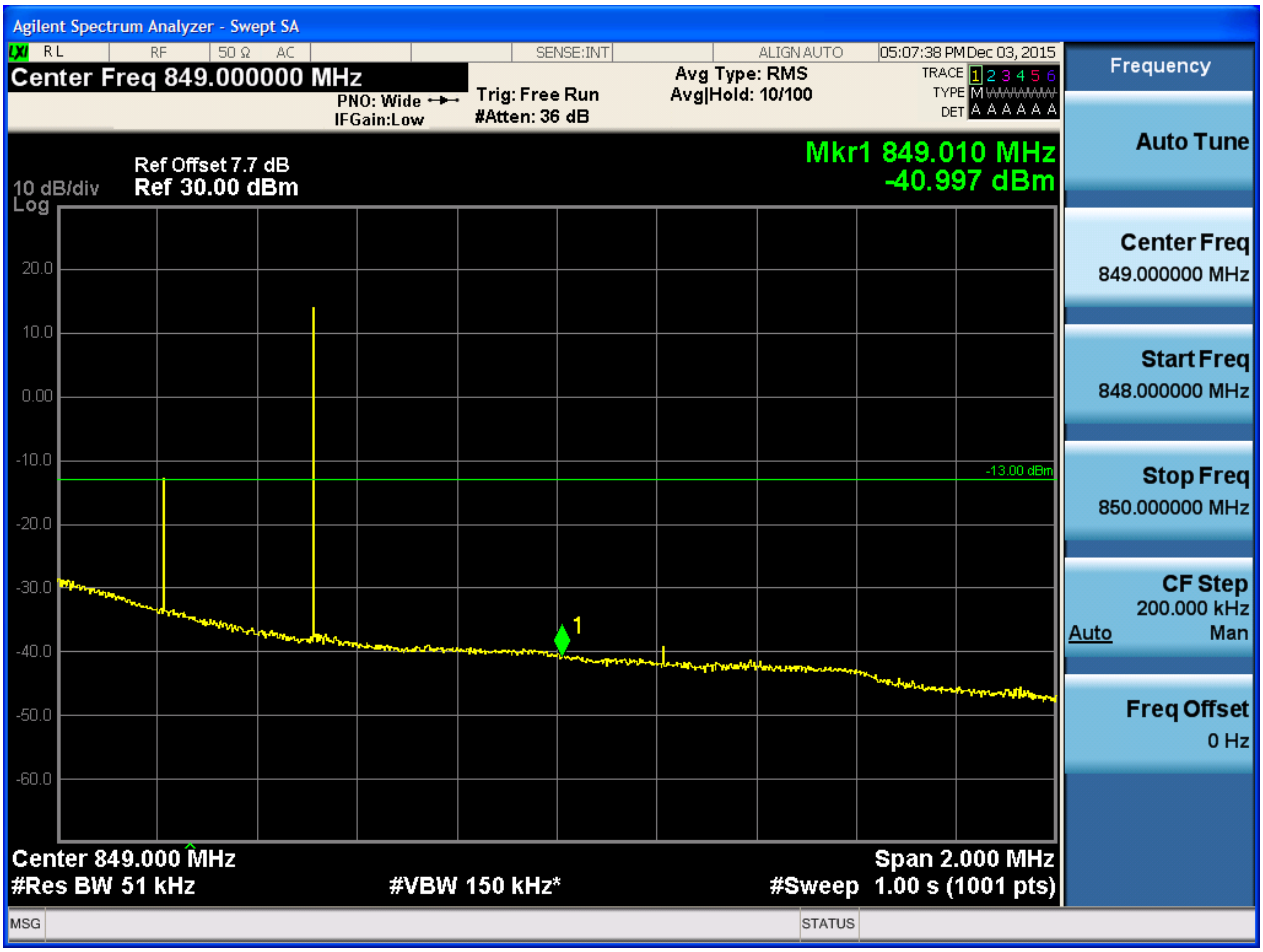
5.1.1.2.3.2.3 Test RB = RB12#6



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5.1.1.2.3.2.4 Test RB = RB25#0

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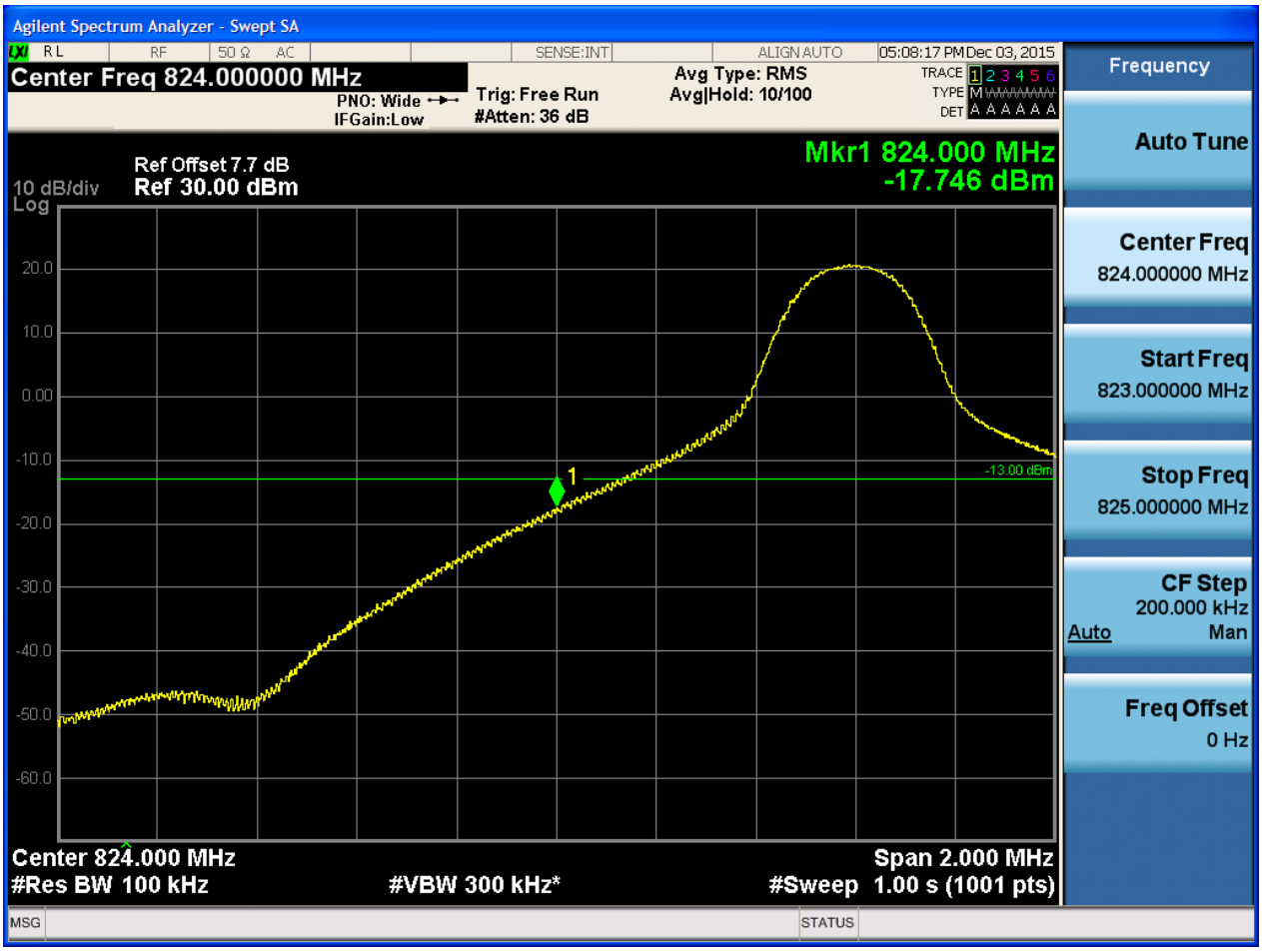
5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



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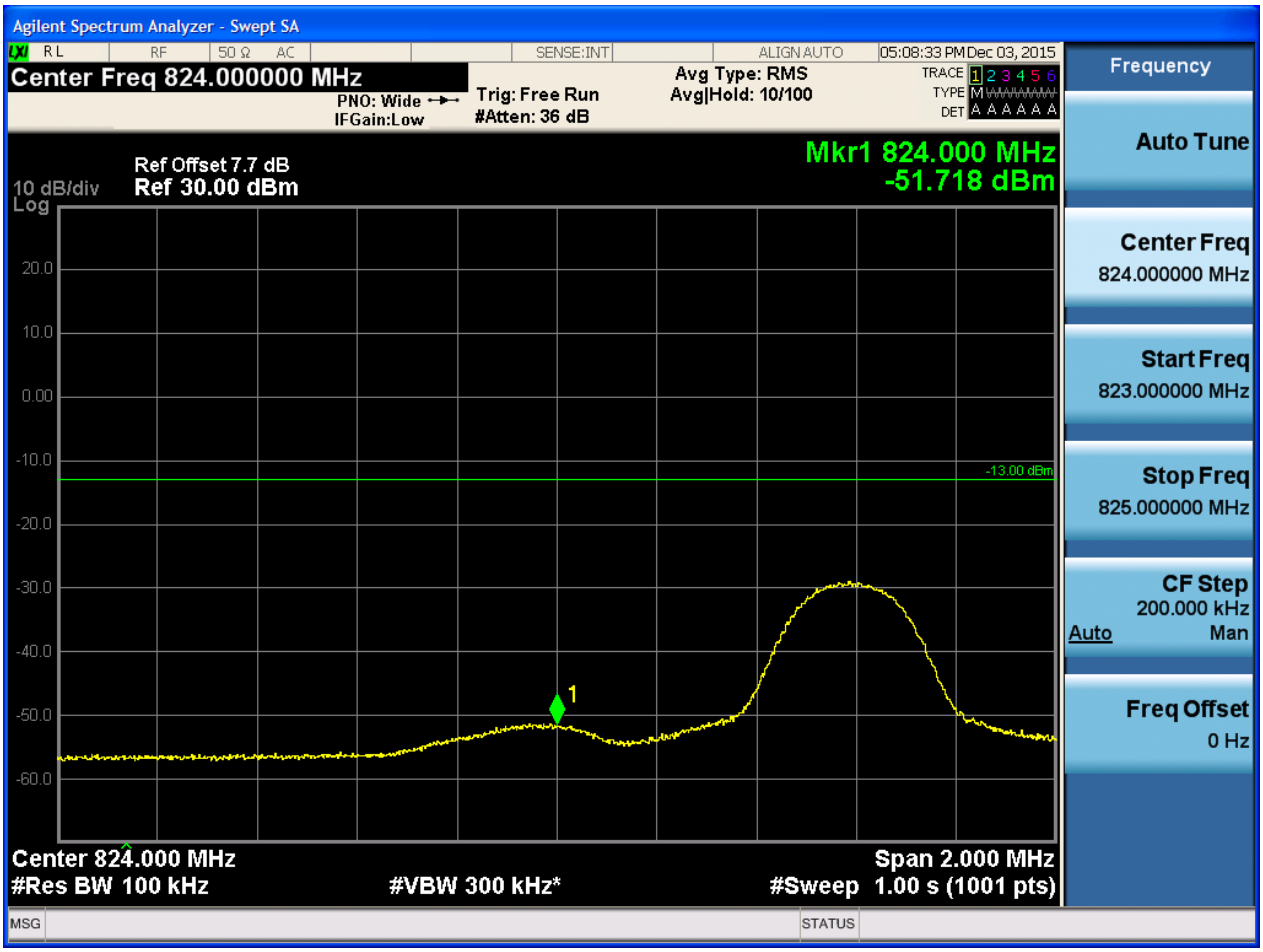
5.1.1.2.4.1.2 Test RB = RB1#49



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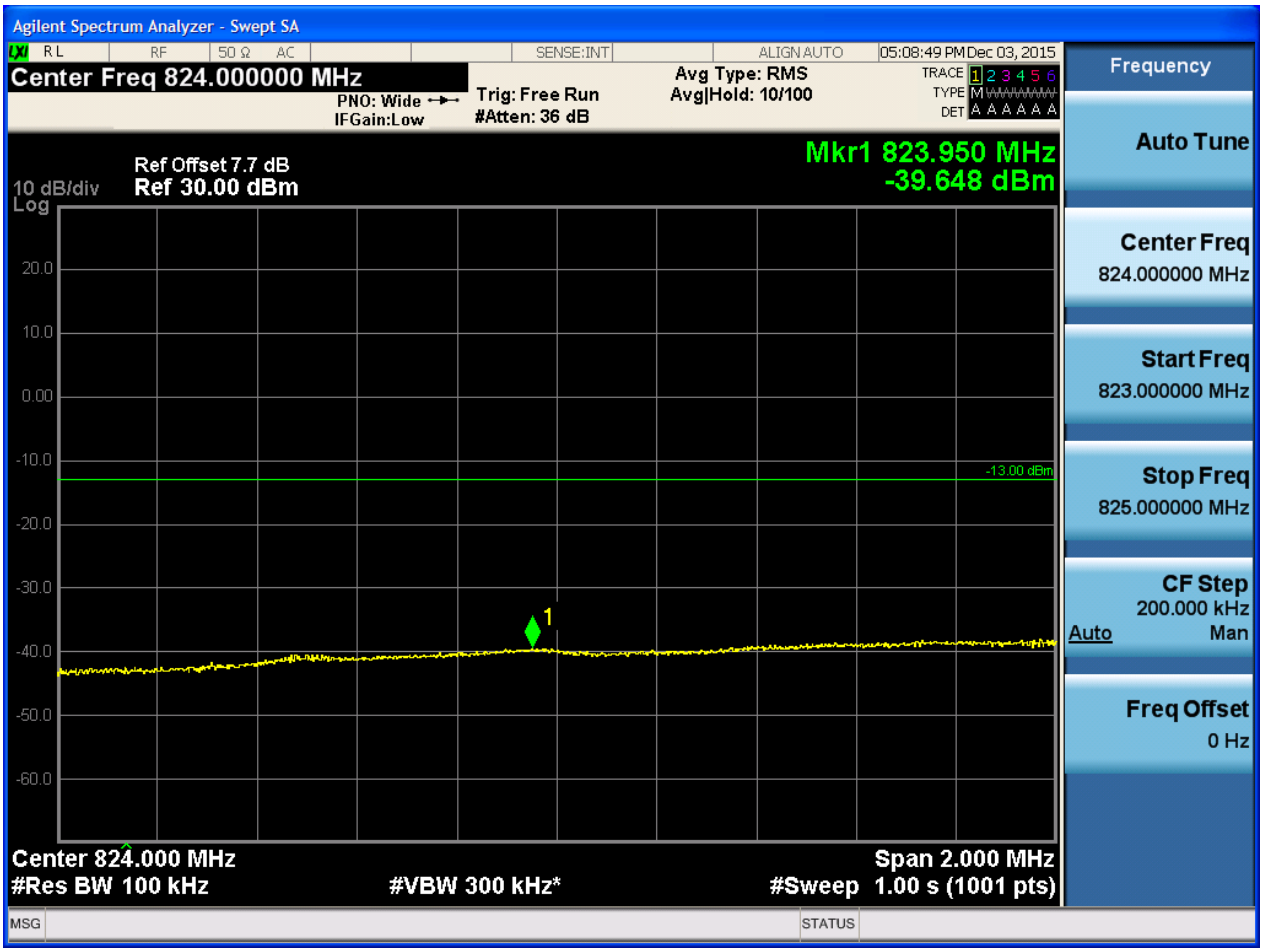
5.1.1.2.4.1.3 Test RB = RB25#13



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5.1.1.2.4.1.4 Test RB = RB50#0

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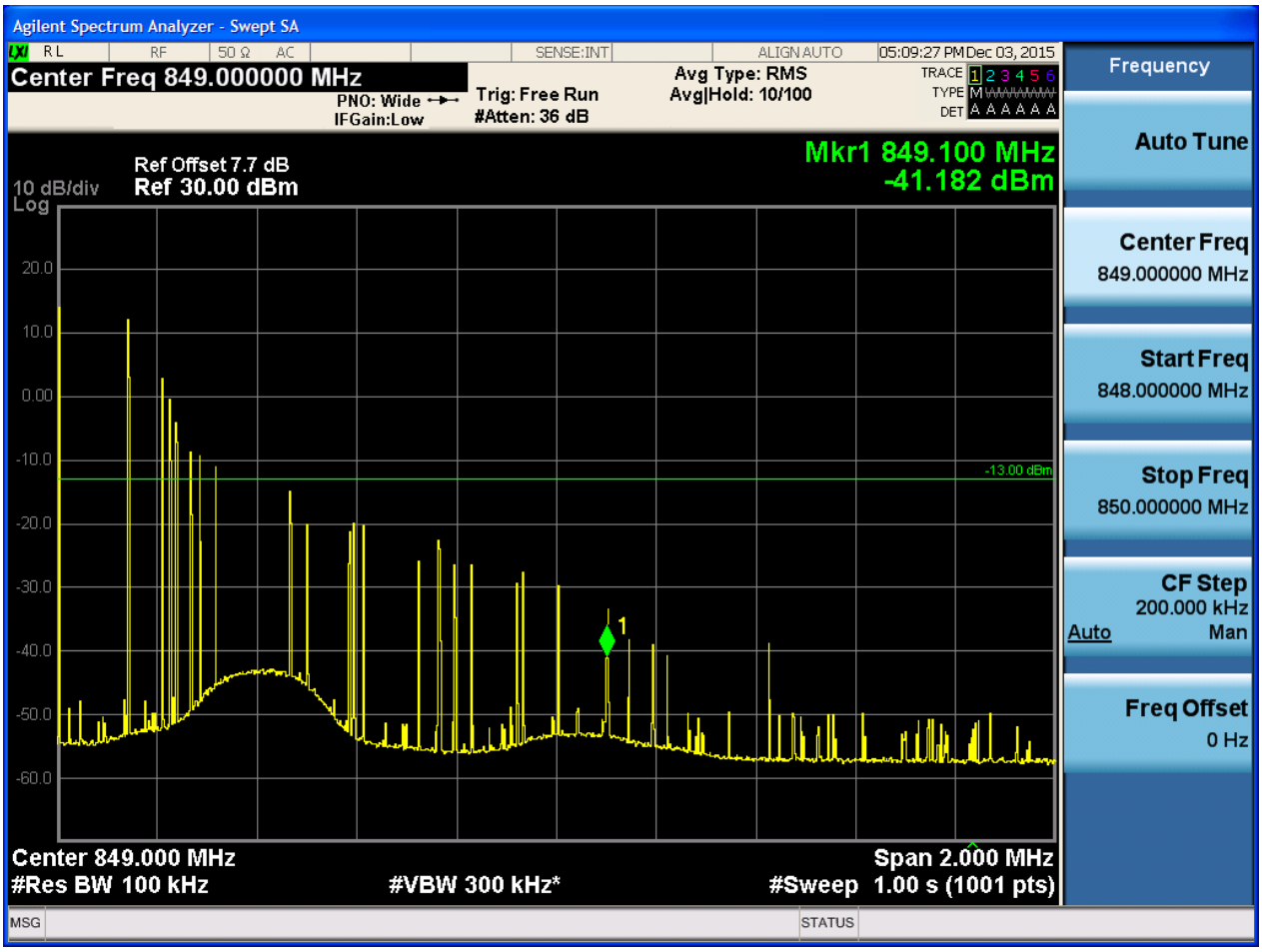
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



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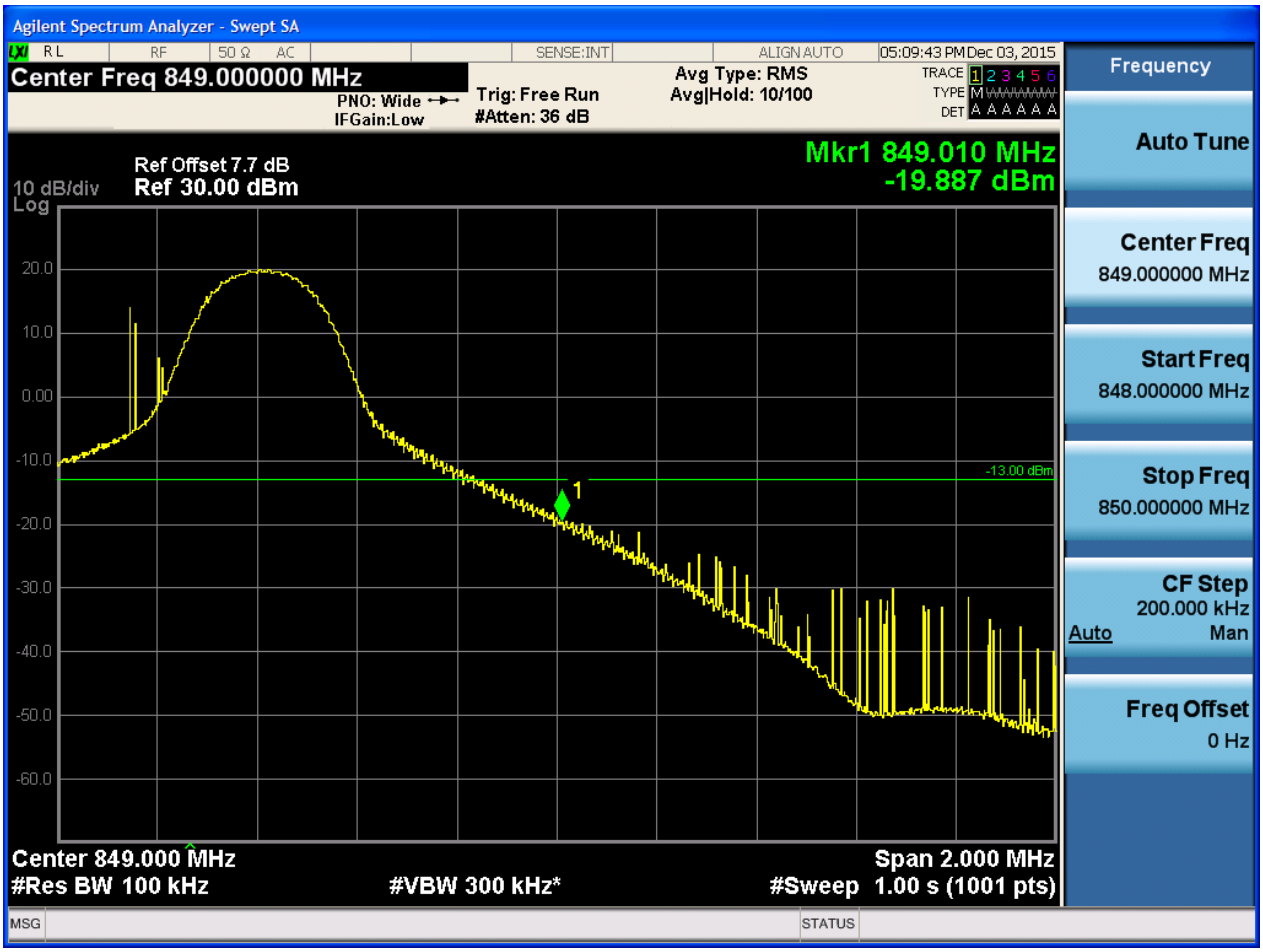
5.1.1.2.4.2.2 Test RB = RB1#49



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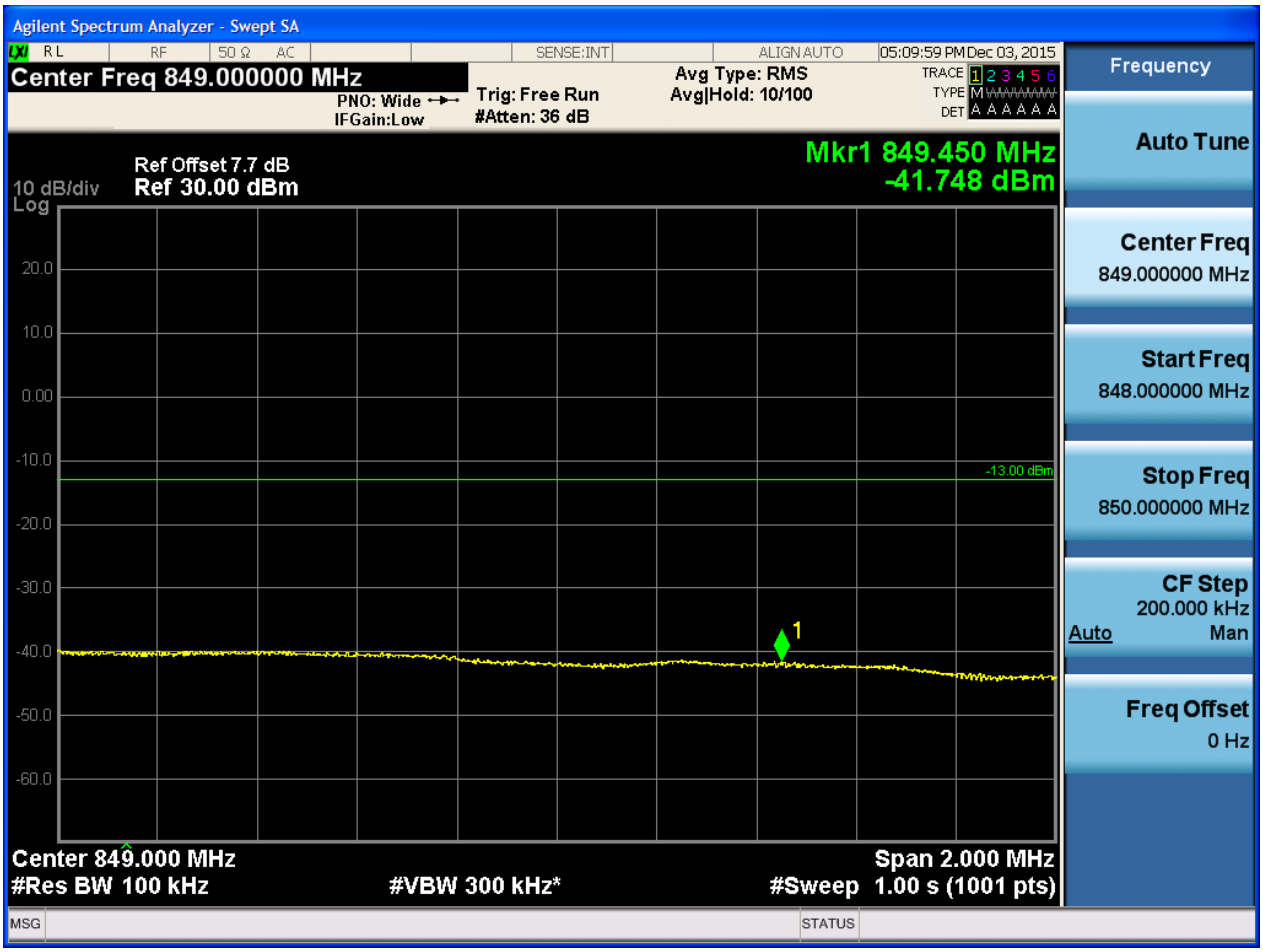
5.1.1.2.4.2.3 Test RB = RB25#13



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5.1.1.2.4.2.4 Test RB = RB50#0

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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

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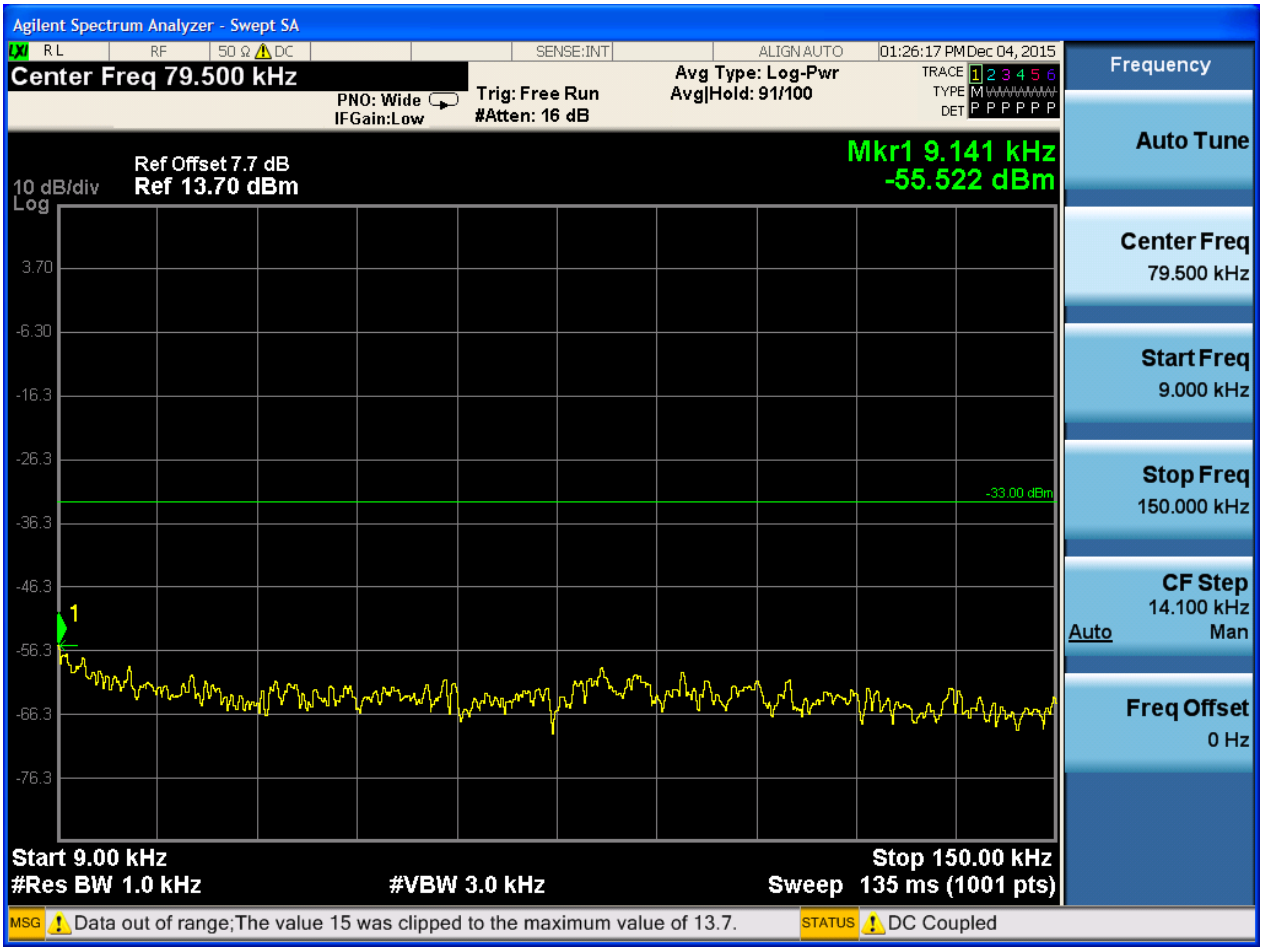

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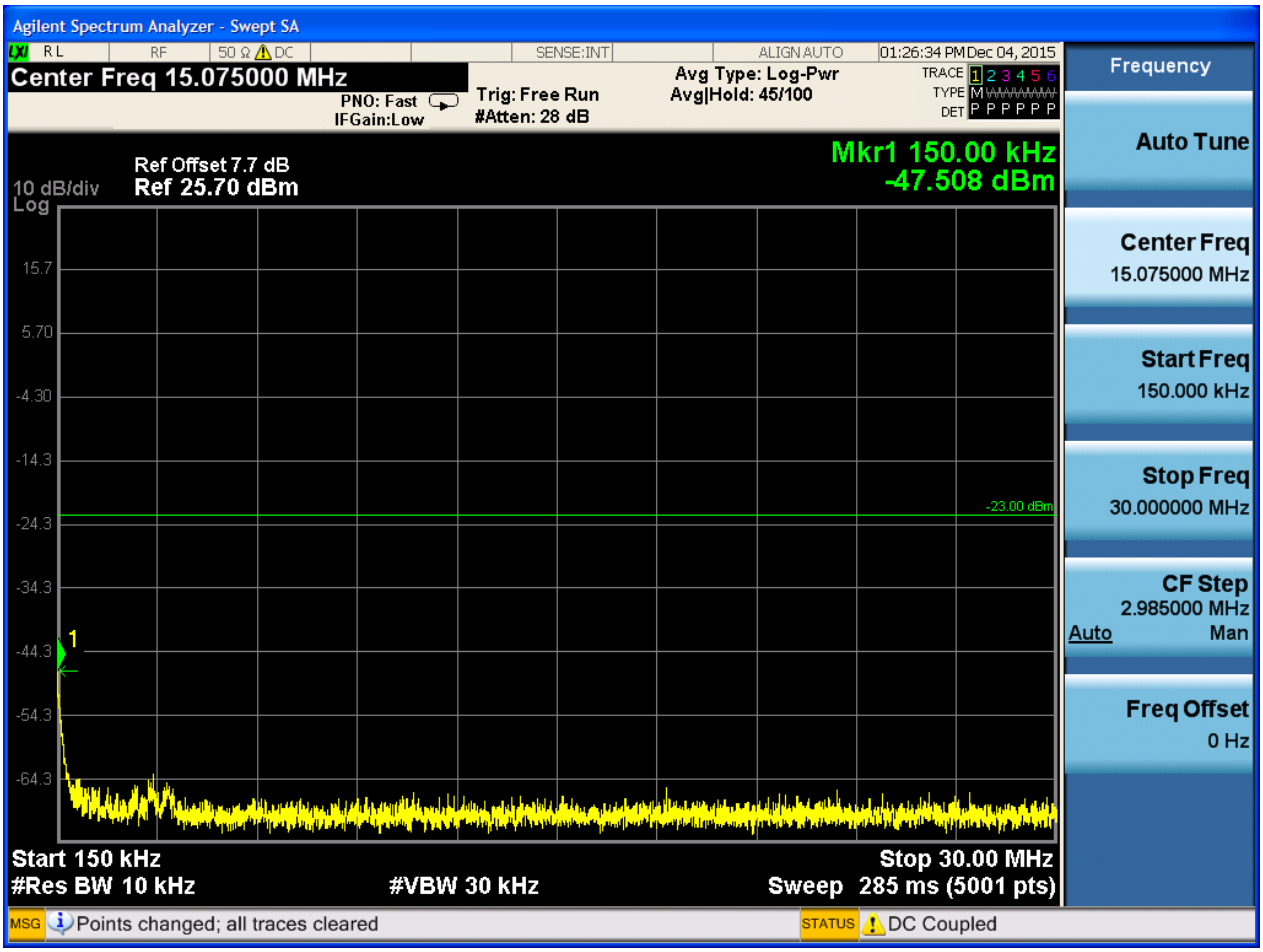

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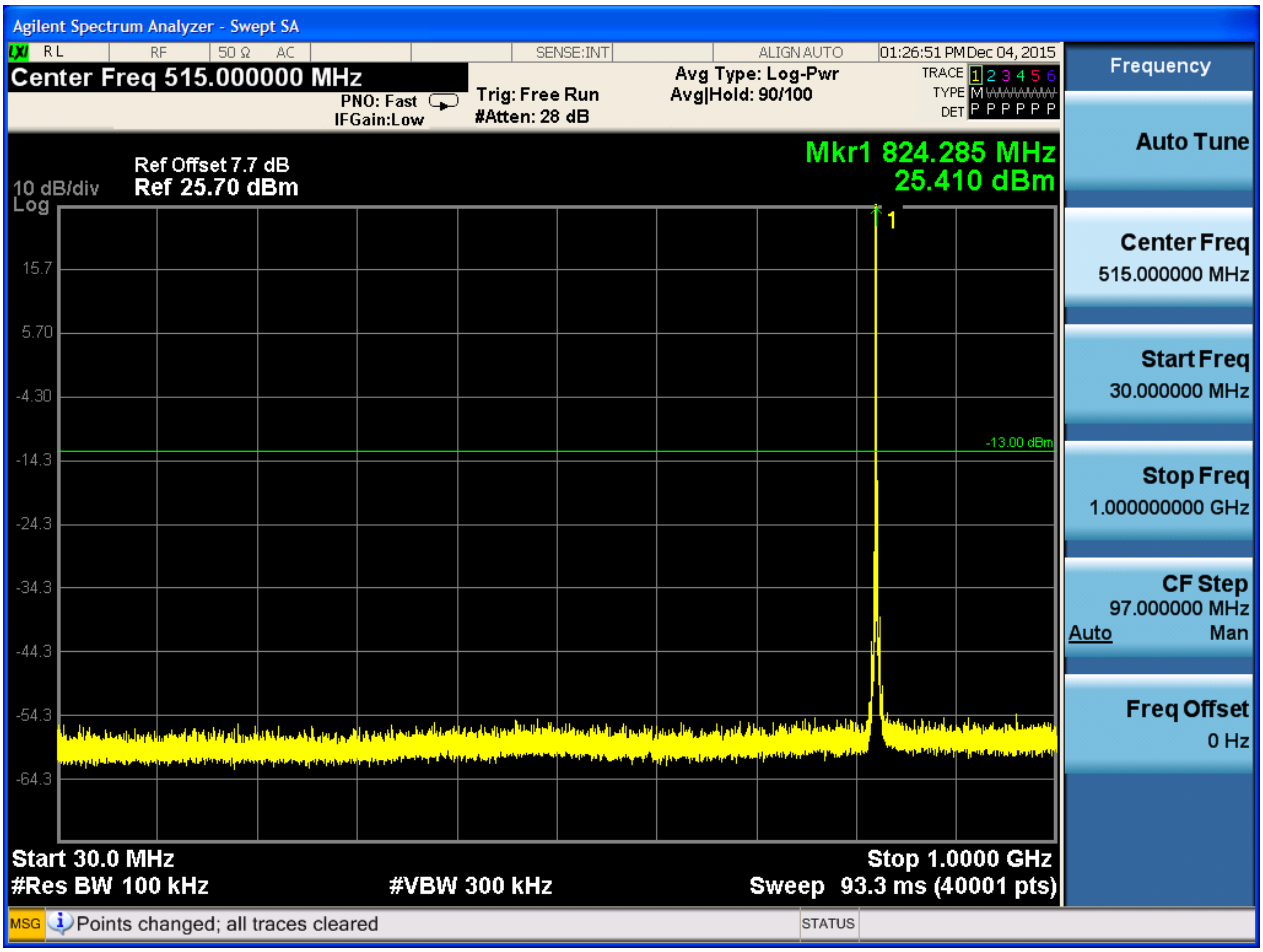

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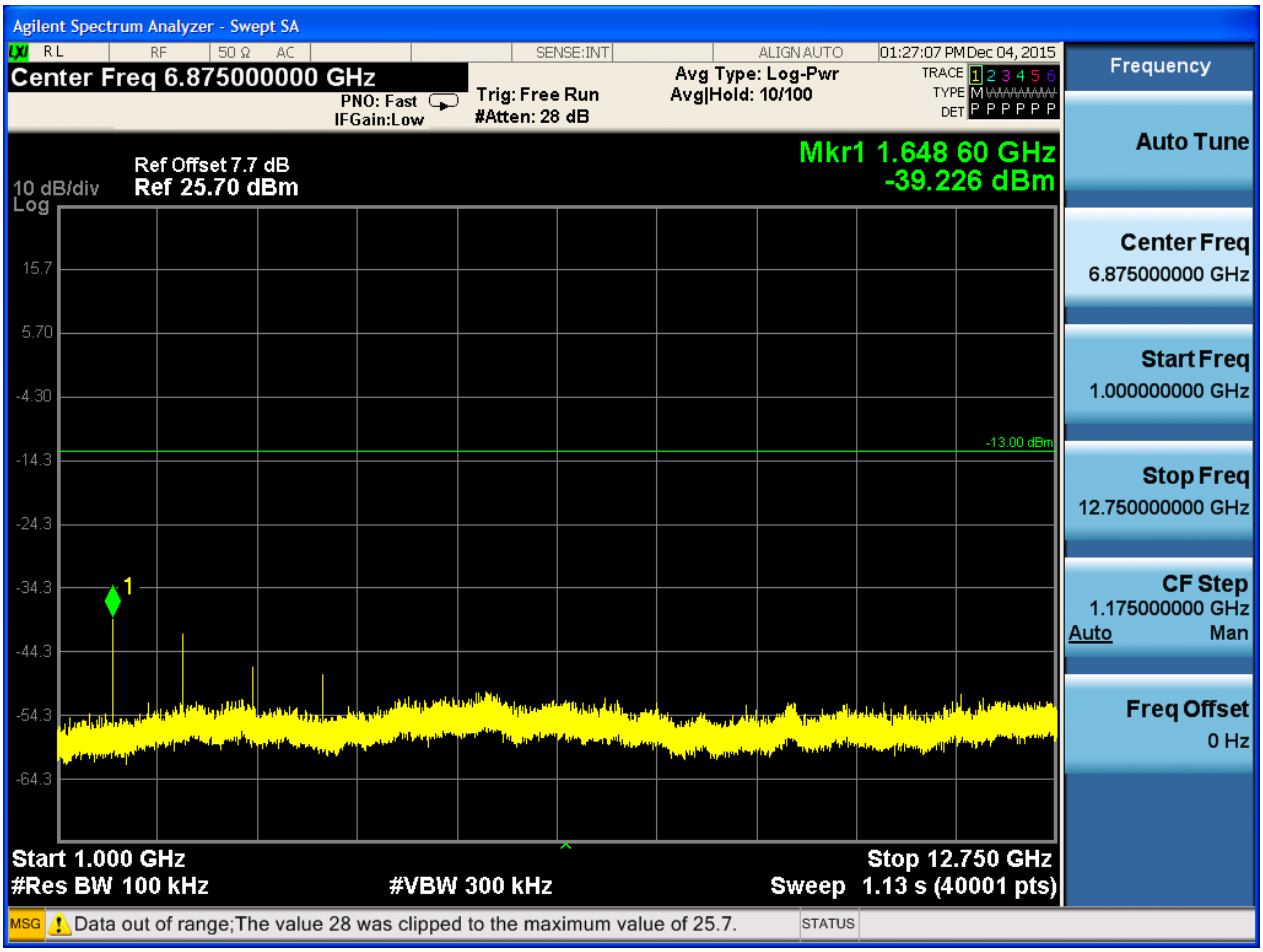

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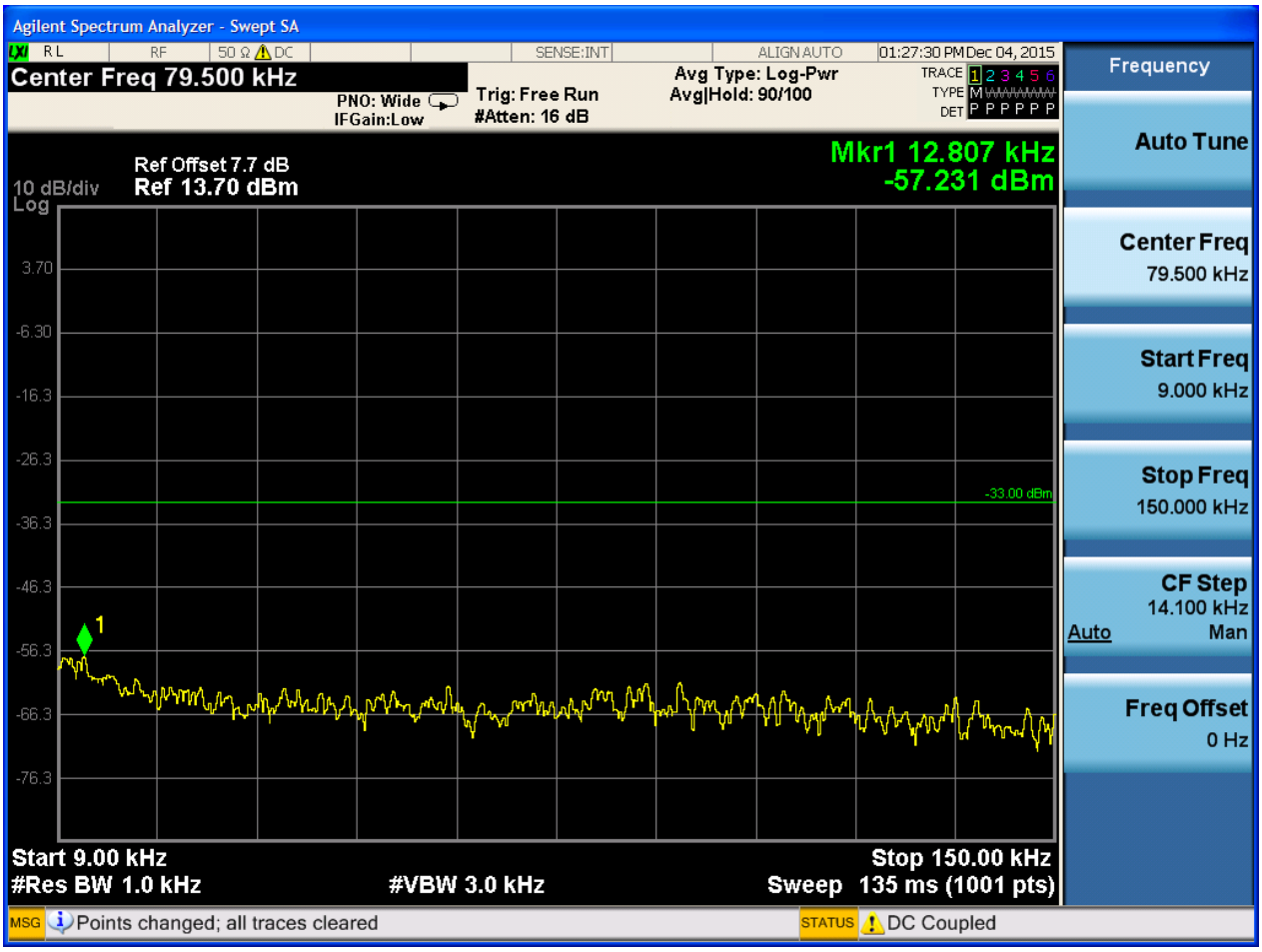
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0



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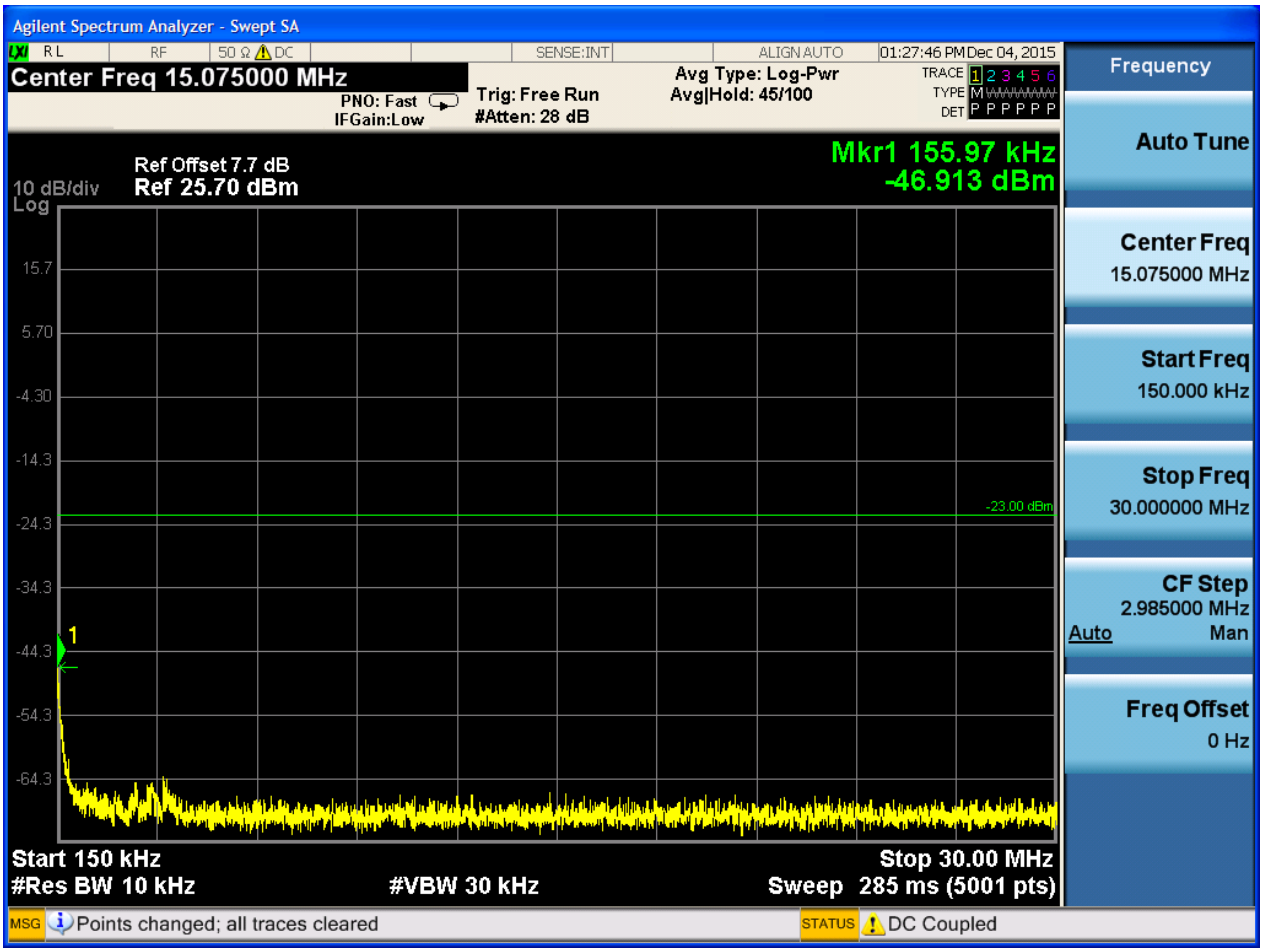

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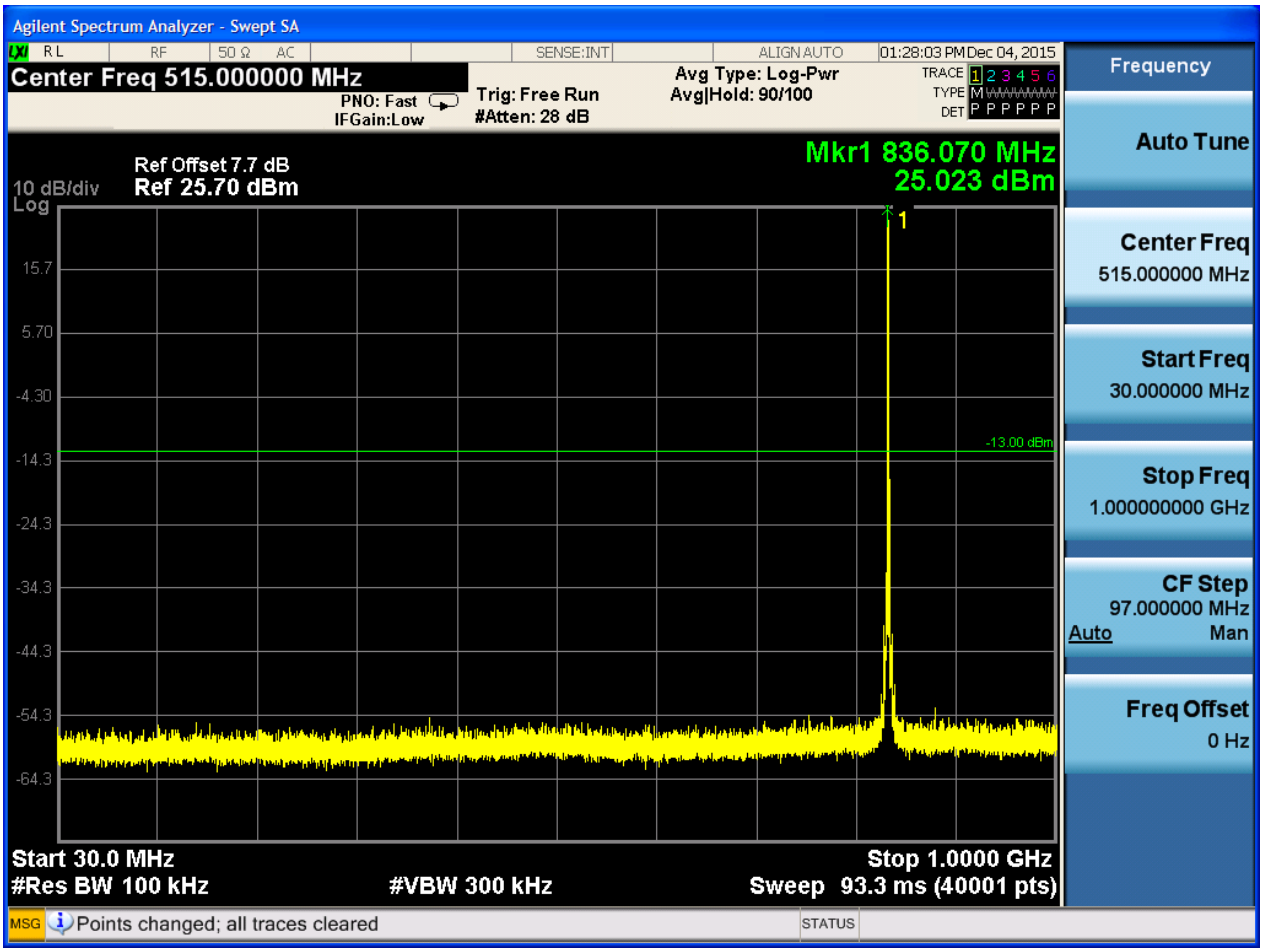

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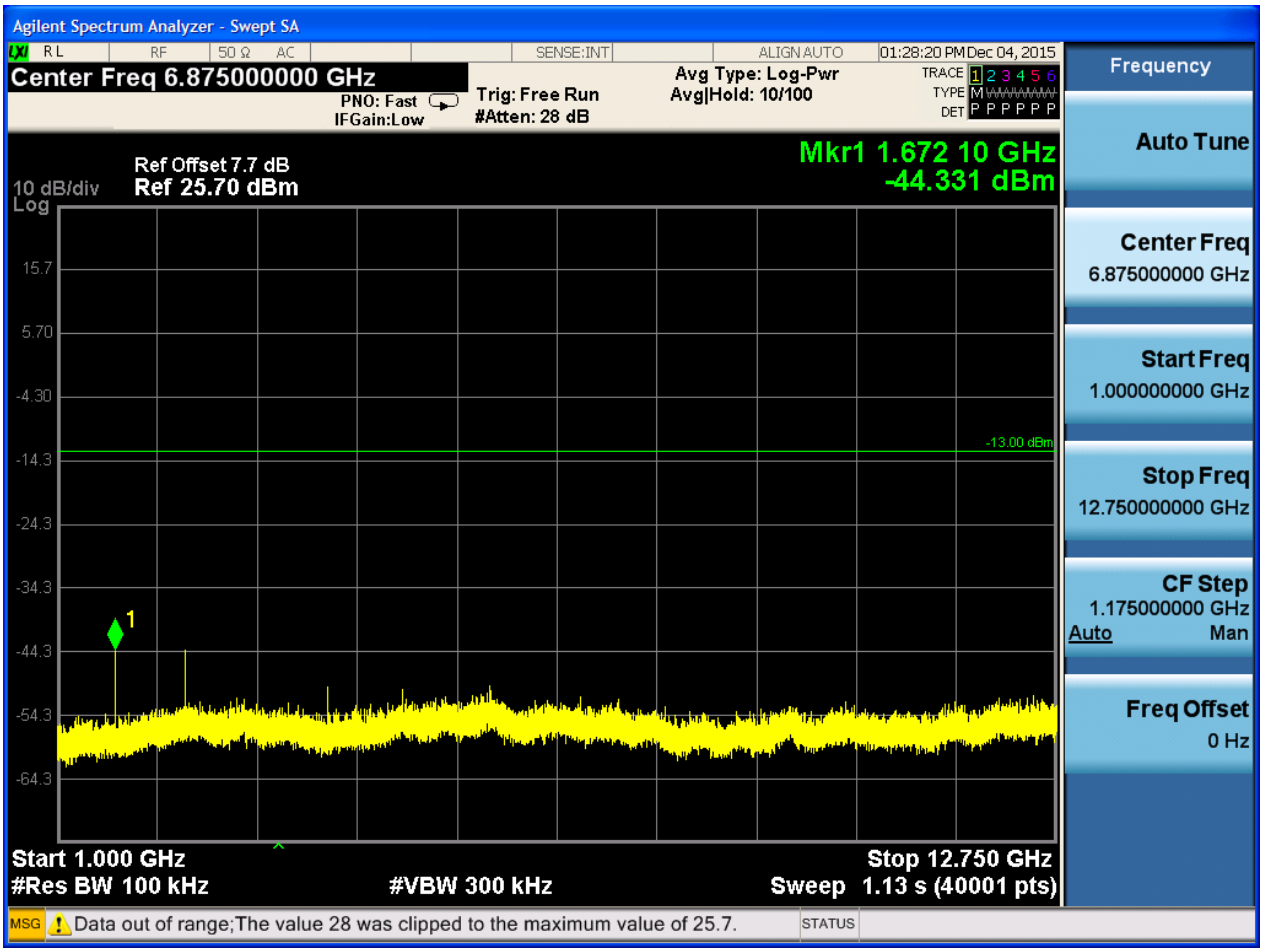

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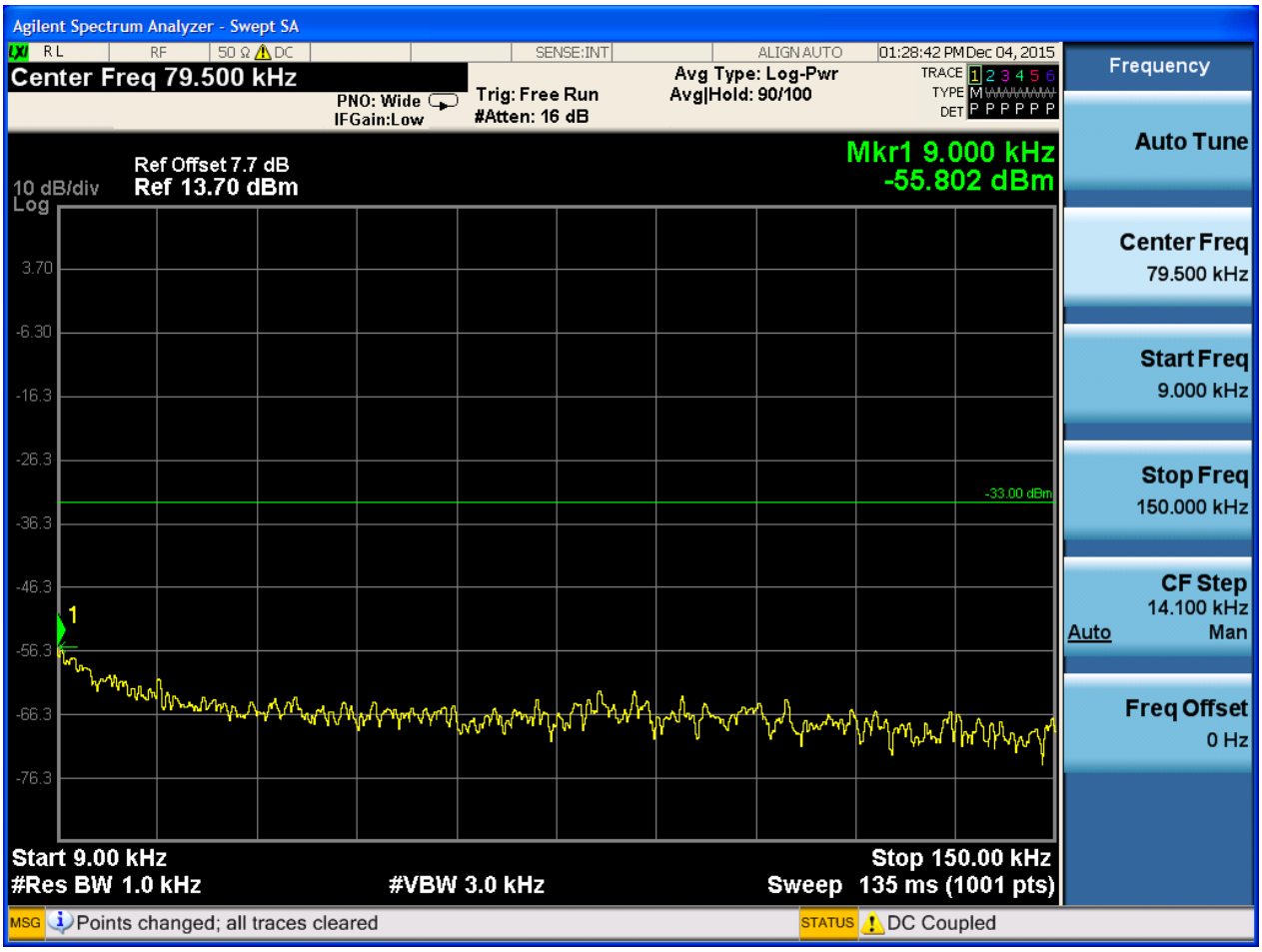
6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0



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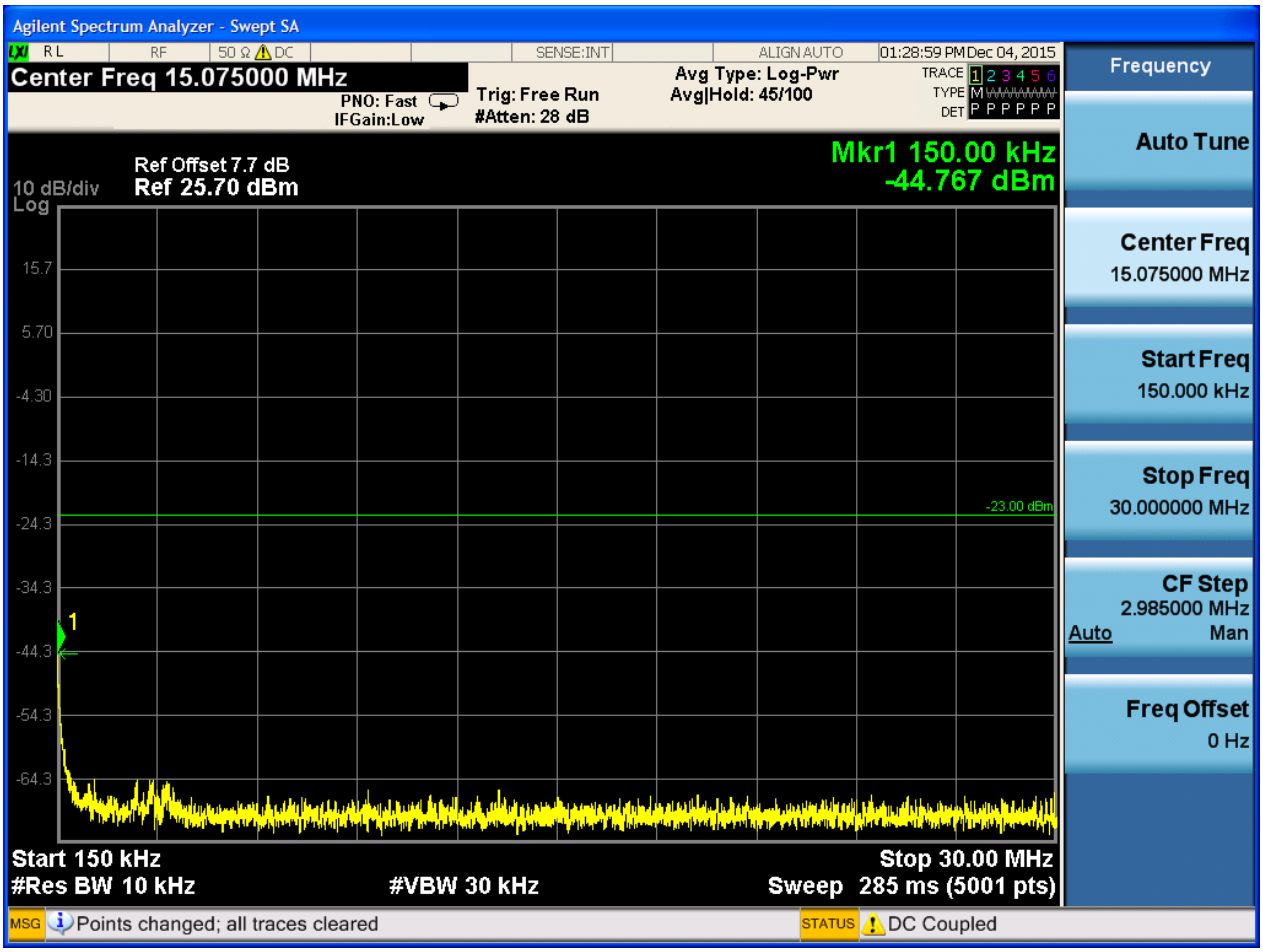

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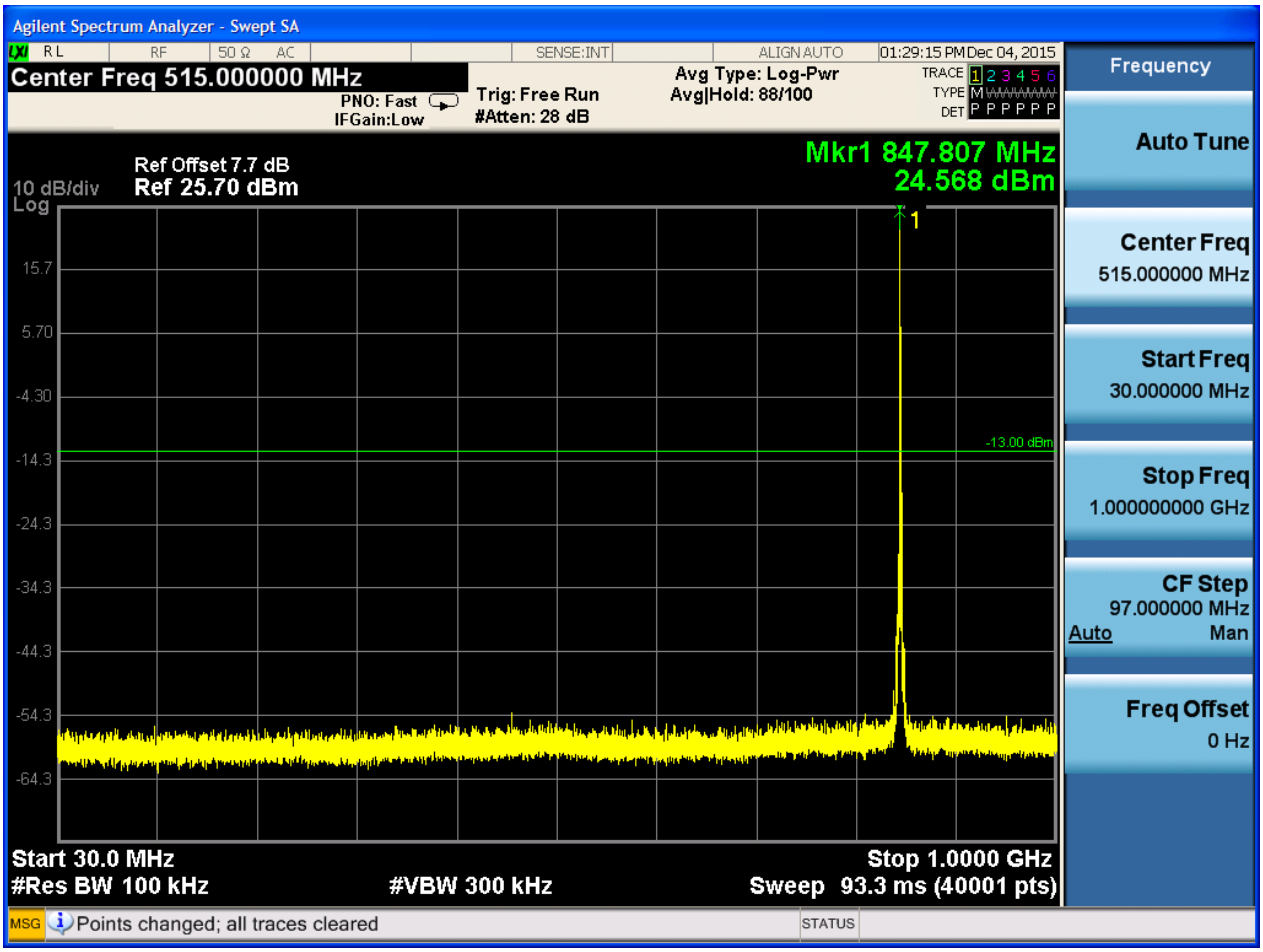

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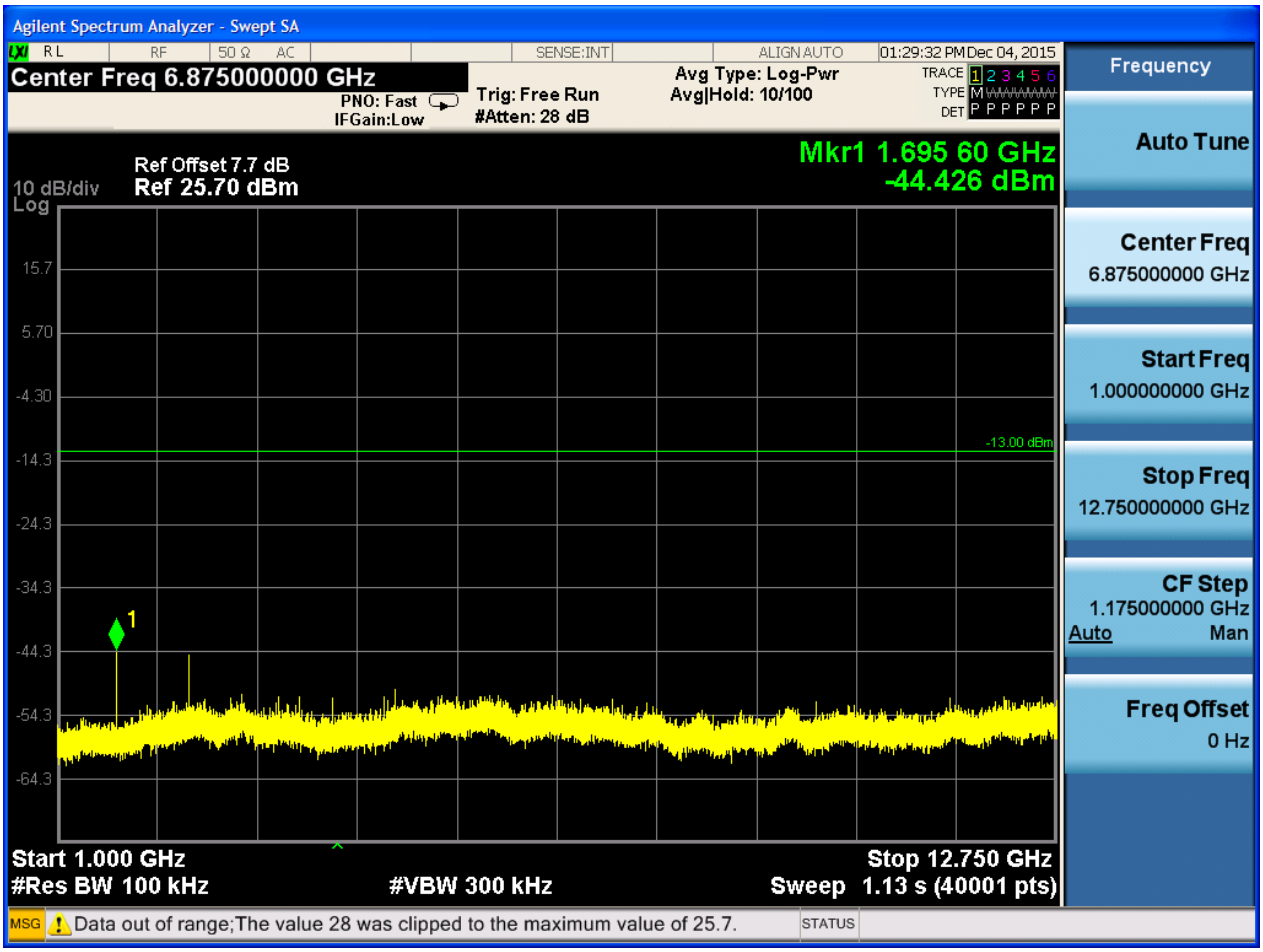

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