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]	EIRP [dBm]	Limit [dBm]	Verdict
BAND38	LTE/TM1	5	LCH	RB1#0	22.38	24.38	33	PASS
				RB1#13	22.54	24.54	33	PASS
				RB1#24	22.09	24.09	33	PASS
				RB12#0	22.05	24.05	33	PASS
				RB12#6	22.08	24.08	33	PASS
				RB12#13	21.85	23.85	33	PASS
				RB25#0	21.97	23.97	33	PASS
			MCH	RB1#0	22.53	24.53	33	PASS
				RB1#13	22.7	24.7	33	PASS
				RB1#24	22.27	24.27	33	PASS
				RB12#0	22.24	24.24	33	PASS
				RB12#6	22.3	24.3	33	PASS
				RB12#13	22.1	24.1	33	PASS
				RB25#0	22.19	24.19	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.6	24.6	33	PASS
				RB1#13	22.74	24.74	33	PASS
				RB1#24	22.29	24.29	33	PASS
				RB12#0	22.32	24.32	33	PASS
				RB12#6	22.38	24.38	33	PASS
				RB12#13	22.17	24.17	33	PASS
				RB25#0	22.22	24.22	33	PASS
		10	LCH	RB1#0	22.39	24.39	33	PASS
				RB1#25	22.59	24.59	33	PASS
				RB1#49	22.28	24.28	33	PASS
				RB25#0	22.03	24.03	33	PASS
				RB25#13	22.01	24.01	33	PASS
				RB25#25	21.9	23.9	33	PASS
				RB50#0	21.9	23.9	33	PASS
			MCH	RB1#0	22.45	24.45	33	PASS
				RB1#25	22.7	24.7	33	PASS
				RB1#49	22.29	24.29	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.21	24.21	33	PASS
				RB25#13	22.24	24.24	33	PASS
				RB25#25	22.11	24.11	33	PASS
				RB50#0	22.14	24.14	33	PASS
			HCH	RB1#0	22.47	24.47	33	PASS
				RB1#25	22.73	24.73	33	PASS
				RB1#49	22.29	24.29	33	PASS
				RB25#0	22.27	24.27	33	PASS
				RB25#13	22.3	24.3	33	PASS
				RB25#25	22.15	24.15	33	PASS
				RB50#0	22.18	24.18	33	PASS
		15	LCH	RB1#0	22.15	24.15	33	PASS
				RB1#38	22.57	24.57	33	PASS
				RB1#74	22.11	24.11	33	PASS
				RB36#0	21.92	23.92	33	PASS
				RB36#18	22	24	33	PASS
				RB36#39	21.95	23.95	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	21.9	23.9	33	PASS
			MCH	RB1#0	22.26	24.26	33	PASS
				RB1#38	22.68	24.68	33	PASS
				RB1#74	22.12	24.12	33	PASS
				RB36#0	22.1	24.1	33	PASS
				RB36#18	22.24	24.24	33	PASS
				RB36#39	22.1	24.1	33	PASS
				RB75#0	22.15	24.15	33	PASS
			HCH	RB1#0	22.26	24.26	33	PASS
				RB1#38	22.71	24.71	33	PASS
				RB1#74	22.13	24.13	33	PASS
				RB36#0	22.25	24.25	33	PASS
				RB36#18	22.33	24.33	33	PASS
				RB36#39	22.13	24.13	33	PASS
				RB75#0	22.16	24.16	33	PASS
		20	LCH	RB1#0	22.4	24.4	33	PASS
				RB1#50	22.64	24.64	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	22.43	24.43	33	PASS
				RB50#0	22.11	24.11	33	PASS
				RB50#25	22.22	24.22	33	PASS
				RB50#50	22.14	24.14	33	PASS
				RB100#0	22.13	24.13	33	PASS
			MCH	RB1#0	22.52	24.52	33	PASS
				RB1#50	22.83	24.83	33	PASS
				RB1#99	22.45	24.45	33	PASS
				RB50#0	22.26	24.26	33	PASS
				RB50#25	22.3	24.3	33	PASS
				RB50#50	22.25	24.25	33	PASS
				RB100#0	22.32	24.32	33	PASS
			HCH	RB1#0	22.57	24.57	33	PASS
				RB1#50	22.88	24.88	33	PASS
				RB1#99	22.5	24.5	33	PASS
				RB50#0	22.33	24.33	33	PASS
				RB50#25	22.39	24.39	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	22.22	24.22	33	PASS
				RB100#0	22.28	24.28	33	PASS
	LTE/TM2	5	LCH	RB1#0	22.15	24.15	33	PASS
				RB1#13	22.33	24.33	33	PASS
				RB1#24	21.89	23.89	33	PASS
				RB12#0	21.11	23.11	33	PASS
				RB12#6	21.15	23.15	33	PASS
				RB12#13	20.92	22.92	33	PASS
				RB25#0	20.99	22.99	33	PASS
			MCH	RB1#0	22.11	24.11	33	PASS
				RB1#13	22.29	24.29	33	PASS
				RB1#24	21.88	23.88	33	PASS
				RB12#0	21.24	23.24	33	PASS
				RB12#6	21.3	23.3	33	PASS
				RB12#13	21.12	23.12	33	PASS
				RB25#0	21.05	23.05	33	PASS
			HCH	RB1#0	22.14	24.14	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.29	24.29	33	PASS
				RB1#24	21.81	23.81	33	PASS
				RB12#0	21.49	23.49	33	PASS
				RB12#6	21.54	23.54	33	PASS
				RB12#13	21.33	23.33	33	PASS
				RB25#0	21.28	23.28	33	PASS
		10	LCH	RB1#0	22.28	24.28	33	PASS
				RB1#25	22.48	24.48	33	PASS
				RB1#49	22.17	24.17	33	PASS
				RB25#0	21.08	23.08	33	PASS
				RB25#13	21.07	23.07	33	PASS
				RB25#25	20.95	22.95	33	PASS
				RB50#0	21.01	23.01	33	PASS
			MCH	RB1#0	22.07	24.07	33	PASS
				RB1#25	22.33	24.33	33	PASS
				RB1#49	21.92	23.92	33	PASS
				RB25#0	21.17	23.17	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.21	23.21	33	PASS
				RB25#25	21.14	23.14	33	PASS
				RB50#0	21.08	23.08	33	PASS
			HCH	RB1#0	22.54	24.54	33	PASS
				RB1#25	22.81	24.81	33	PASS
				RB1#49	22.39	24.39	33	PASS
				RB25#0	21.41	23.41	33	PASS
				RB25#13	21.44	23.44	33	PASS
				RB25#25	21.28	23.28	33	PASS
				RB50#0	21.37	23.37	33	PASS
		15	LCH	RB1#0	21.86	23.86	33	PASS
				RB1#38	22.29	24.29	33	PASS
				RB1#74	21.79	23.79	33	PASS
				RB36#0	20.96	22.96	33	PASS
				RB36#18	21.05	23.05	33	PASS
				RB36#39	20.92	22.92	33	PASS
				RB75#0	20.96	22.96	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.83	23.83	33	PASS
				RB1#38	22.3	24.3	33	PASS
				RB1#74	21.72	23.72	33	PASS
				RB36#0	21.11	23.11	33	PASS
				RB36#18	21.25	23.25	33	PASS
				RB36#39	21.19	23.19	33	PASS
				RB75#0	21.11	23.11	33	PASS
			HCH	RB1#0	22.28	24.28	33	PASS
				RB1#38	22.78	24.78	33	PASS
				RB1#74	22.23	24.23	33	PASS
				RB36#0	21.26	23.26	33	PASS
				RB36#18	21.5	23.5	33	PASS
				RB36#39	21.28	23.28	33	PASS
				RB75#0	21.36	23.36	33	PASS
		20	LCH	RB1#0	22.3	24.3	33	PASS
				RB1#50	22.51	24.51	33	PASS
				RB1#99	22.28	24.28	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.11	23.11	33	PASS
				RB50#25	21.23	23.23	33	PASS
				RB50#50	21.13	23.13	33	PASS
				RB100#0	21.07	23.07	33	PASS
			MCH	RB1#0	22.04	24.04	33	PASS
				RB1#50	22.38	24.38	33	PASS
				RB1#99	22.01	24.01	33	PASS
				RB50#0	21.21	23.21	33	PASS
				RB50#25	21.35	23.35	33	PASS
				RB50#50	21.28	23.28	33	PASS
				RB100#0	21.32	23.32	33	PASS
			HCH	RB1#0	22.25	24.25	33	PASS
				RB1#50	22.63	24.63	33	PASS
				RB1#99	22.27	24.27	33	PASS
				RB50#0	21.33	23.33	33	PASS
				RB50#25	21.54	23.54	33	PASS
				RB50#50	21.36	23.36	33	PASS

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Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.42	23.42	33	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
BAND38	LTE/TM1	5	LCH	RB1#0	4.88	13	PASS
				RB1#13	4.77	13	PASS
				RB1#24	4.93	13	PASS
				RB12#0	5.67	13	PASS
				RB12#6	5.6	13	PASS
				RB12#13	5.73	13	PASS
				RB25#0	5.83	13	PASS
			MCH	RB1#0	5.23	13	PASS
				RB1#13	5.05	13	PASS
				RB1#24	5.3	13	PASS
				RB12#0	5.58	13	PASS
				RB12#6	5.48	13	PASS
				RB12#13	5.68	13	PASS
				RB25#0	5.85	13	PASS
			HCH	RB1#0	5.46	13	PASS
				RB1#13	5.33	13	PASS
				RB1#24	5.62	13	PASS
				RB12#0	5.62	13	PASS
				RB12#6	5.56	13	PASS
				RB12#13	5.8	13	PASS
				RB25#0	5.88	13	PASS
		10	LCH	RB1#0	4.91	13	PASS
				RB1#25	4.74	13	PASS
				RB1#49	4.96	13	PASS
				RB25#0	5.78	13	PASS
				RB25#13	5.94	13	PASS
				RB25#25	5.92	13	PASS
				RB50#0	6.25	13	PASS
			MCH	RB1#0	5.04	13	PASS
				RB1#25	4.9	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#49	5.21	13	PASS
				RB25#0	5.48	13	PASS
				RB25#13	5.58	13	PASS
				RB25#25	5.54	13	PASS
				RB50#0	5.94	13	PASS
			HCH	RB1#0	4.87	13	PASS
				RB1#25	4.68	13	PASS
				RB1#49	4.94	13	PASS
				RB25#0	5.83	13	PASS
				RB25#13	6.04	13	PASS
				RB25#25	5.93	13	PASS
				RB50#0	5.96	13	PASS
		15	LCH	RB1#0	5.42	13	PASS
				RB1#38	5.23	13	PASS
				RB1#74	5.45	13	PASS
				RB36#0	5.55	13	PASS
				RB36#18	5.53	13	PASS
				RB36#39	5.62	13	PASS
				RB75#0	6.46	13	PASS
			MCH	RB1#0	4.68	13	PASS
				RB1#38	4.54	13	PASS
				RB1#74	4.81	13	PASS
				RB36#0	5.85	13	PASS
				RB36#18	5.79	13	PASS
				RB36#39	5.97	13	PASS
				RB75#0	6.41	13	PASS
			HCH	RB1#0	5.5	13	PASS
				RB1#38	5.25	13	PASS
				RB1#74	5.55	13	PASS
				RB36#0	6.1	13	PASS
				RB36#18	6	13	PASS
				RB36#39	6.18	13	PASS
				RB75#0	6.22	13	PASS
		20	LCH	RB1#0	5.43	13	PASS
				RB1#50	5.32	13	PASS
				RB1#99	5.49	13	PASS
				RB50#0	5.82	13	PASS
				RB50#25	5.82	13	PASS
				RB50#50	5.92	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB100#0	6.35	13	PASS
			MCH	RB1#0	5.44	13	PASS
				RB1#50	5.27	13	PASS
				RB1#99	5.51	13	PASS
				RB50#0	5.85	13	PASS
				RB50#25	5.73	13	PASS
				RB50#50	5.93	13	PASS
				RB100#0	6.17	13	PASS
			HCH	RB1#0	5.15	13	PASS
				RB1#50	4.93	13	PASS
				RB1#99	5.19	13	PASS
				RB50#0	5.97	13	PASS
				RB50#25	5.89	13	PASS
				RB50#50	5.99	13	PASS
				RB100#0	6.28	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.83	13	PASS
				RB1#13	5.72	13	PASS
				RB1#24	5.92	13	PASS
				RB12#0	6.11	13	PASS
				RB12#6	5.98	13	PASS
				RB12#13	6.12	13	PASS
				RB25#0	6.49	13	PASS
			MCH	RB1#0	5.57	13	PASS
				RB1#13	5.32	13	PASS
				RB1#24	5.59	13	PASS
				RB12#0	6.08	13	PASS
				RB12#6	6.15	13	PASS
				RB12#13	6.17	13	PASS
				RB25#0	6.25	13	PASS
			HCH	RB1#0	5.75	13	PASS
				RB1#13	5.49	13	PASS
				RB1#24	5.75	13	PASS
				RB12#0	6.28	13	PASS
				RB12#6	6.3	13	PASS
				RB12#13	6.36	13	PASS
				RB25#0	6.48	13	PASS
		10	LCH	RB1#0	5.75	13	PASS
				RB1#25	5.55	13	PASS
				RB1#49	5.9	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.23	13	PASS
				RB25#13	6.43	13	PASS
				RB25#25	6.44	13	PASS
				RB50#0	6.47	13	PASS
			MCH	RB1#0	5.63	13	PASS
				RB1#25	5.51	13	PASS
				RB1#49	5.72	13	PASS
				RB25#0	6.53	13	PASS
				RB25#13	6.12	13	PASS
				RB25#25	6.34	13	PASS
				RB50#0	6.62	13	PASS
			HCH	RB1#0	5.38	13	PASS
				RB1#25	5.17	13	PASS
				RB1#49	5.3	13	PASS
				RB25#0	6.19	13	PASS
				RB25#13	6.41	13	PASS
				RB25#25	6.29	13	PASS
				RB50#0	7.04	13	PASS
		15	LCH	RB1#0	5.78	13	PASS
				RB1#38	5.55	13	PASS
				RB1#74	5.85	13	PASS
				RB36#0	6.66	13	PASS
				RB36#18	6.79	13	PASS
				RB36#39	6.64	13	PASS
				RB75#0	7.07	13	PASS
			MCH	RB1#0	5.83	13	PASS
				RB1#38	5.5	13	PASS
				RB1#74	5.76	13	PASS
				RB36#0	6.8	13	PASS
				RB36#18	6.5	13	PASS
				RB36#39	6.51	13	PASS
				RB75#0	7.1	13	PASS
			HCH	RB1#0	5.74	13	PASS
				RB1#38	5.36	13	PASS
				RB1#74	5.69	13	PASS
				RB36#0	6.13	13	PASS
				RB36#18	6.25	13	PASS
				RB36#39	6.32	13	PASS
				RB75#0	6.83	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		20	LCH	RB1#0	5.9	13	PASS
				RB1#50	5.74	13	PASS
				RB1#99	5.98	13	PASS
				RB50#0	6.71	13	PASS
				RB50#25	6.62	13	PASS
				RB50#50	6.72	13	PASS
				RB100#0	6.87	13	PASS
			MCH	RB1#0	5.58	13	PASS
				RB1#50	5.42	13	PASS
				RB1#99	5.63	13	PASS
				RB50#0	6.9	13	PASS
				RB50#25	6.87	13	PASS
				RB50#50	6.72	13	PASS
				RB100#0	6.93	13	PASS
			HCH	RB1#0	6.15	13	PASS
				RB1#50	5.74	13	PASS
				RB1#99	5.91	13	PASS
				RB50#0	6.65	13	PASS
				RB50#25	6.5	13	PASS
				RB50#50	6.66	13	PASS
				RB100#0	6.79	13	PASS

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3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

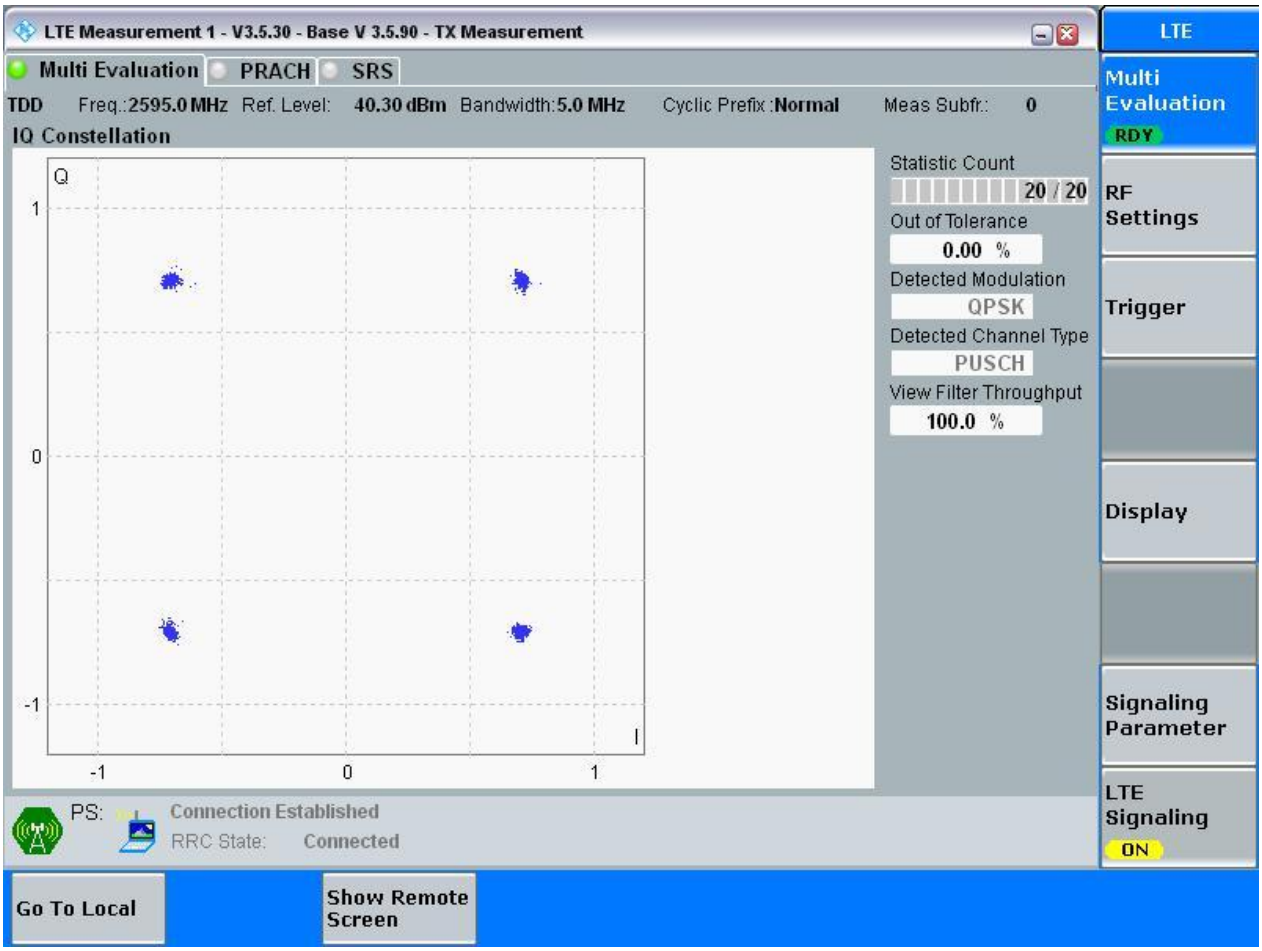
3.1.1 Test Band = BAND38

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 5

3.1.1.1.1.1 Test Channel = MCH

3.1.1.1.1.1.1 Test RB = RB25#0



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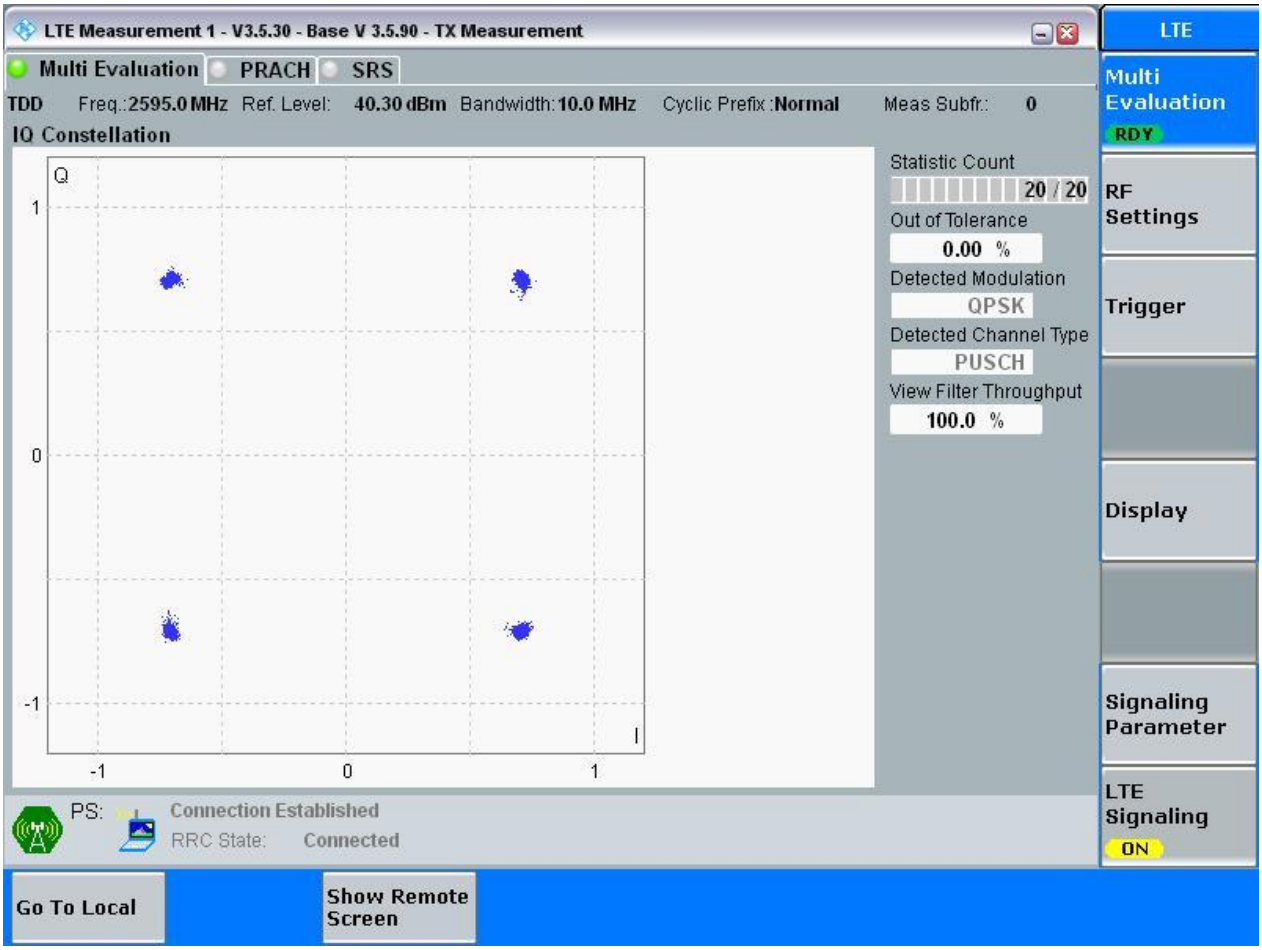
3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB50#0



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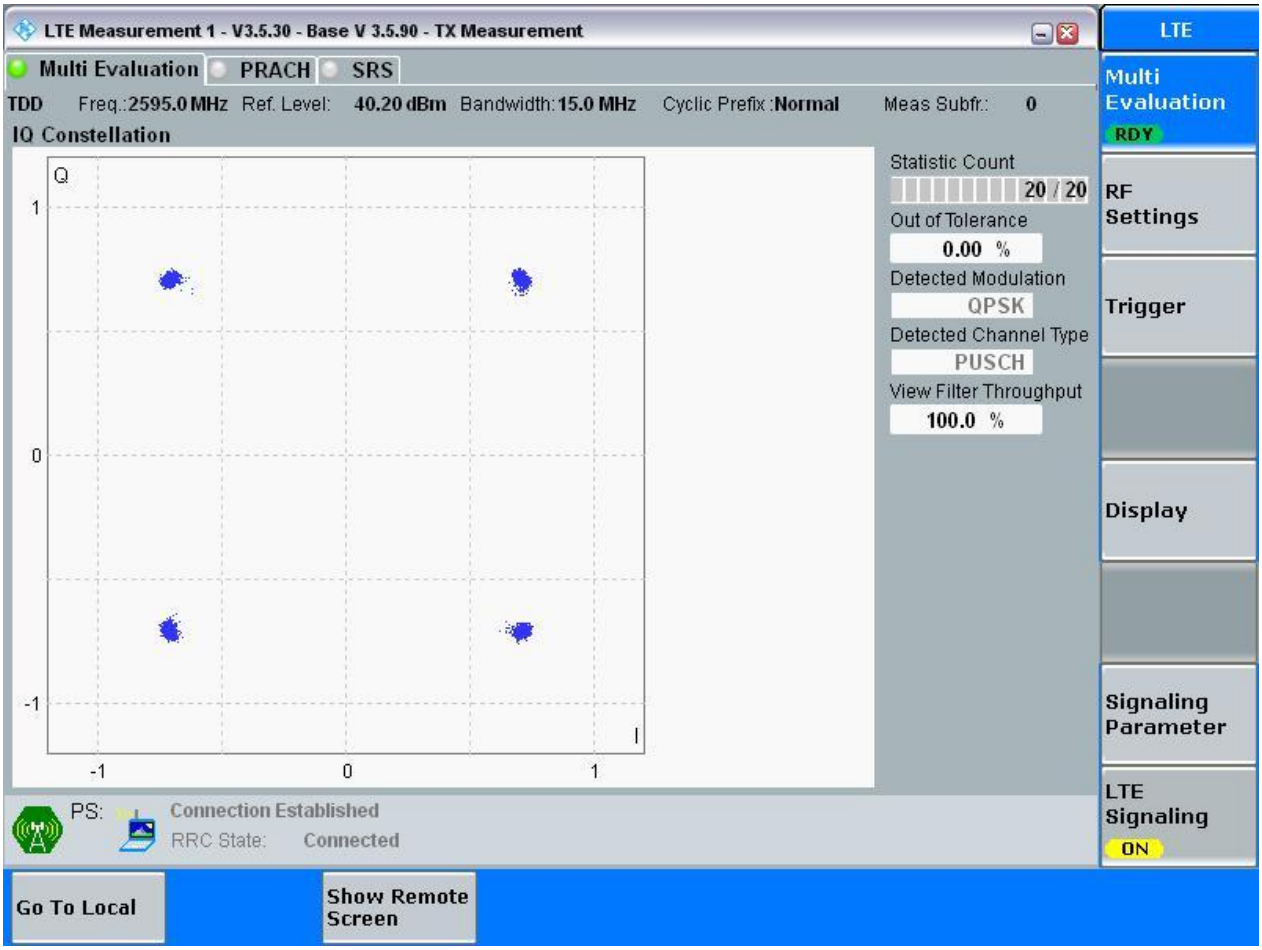
3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB75#0



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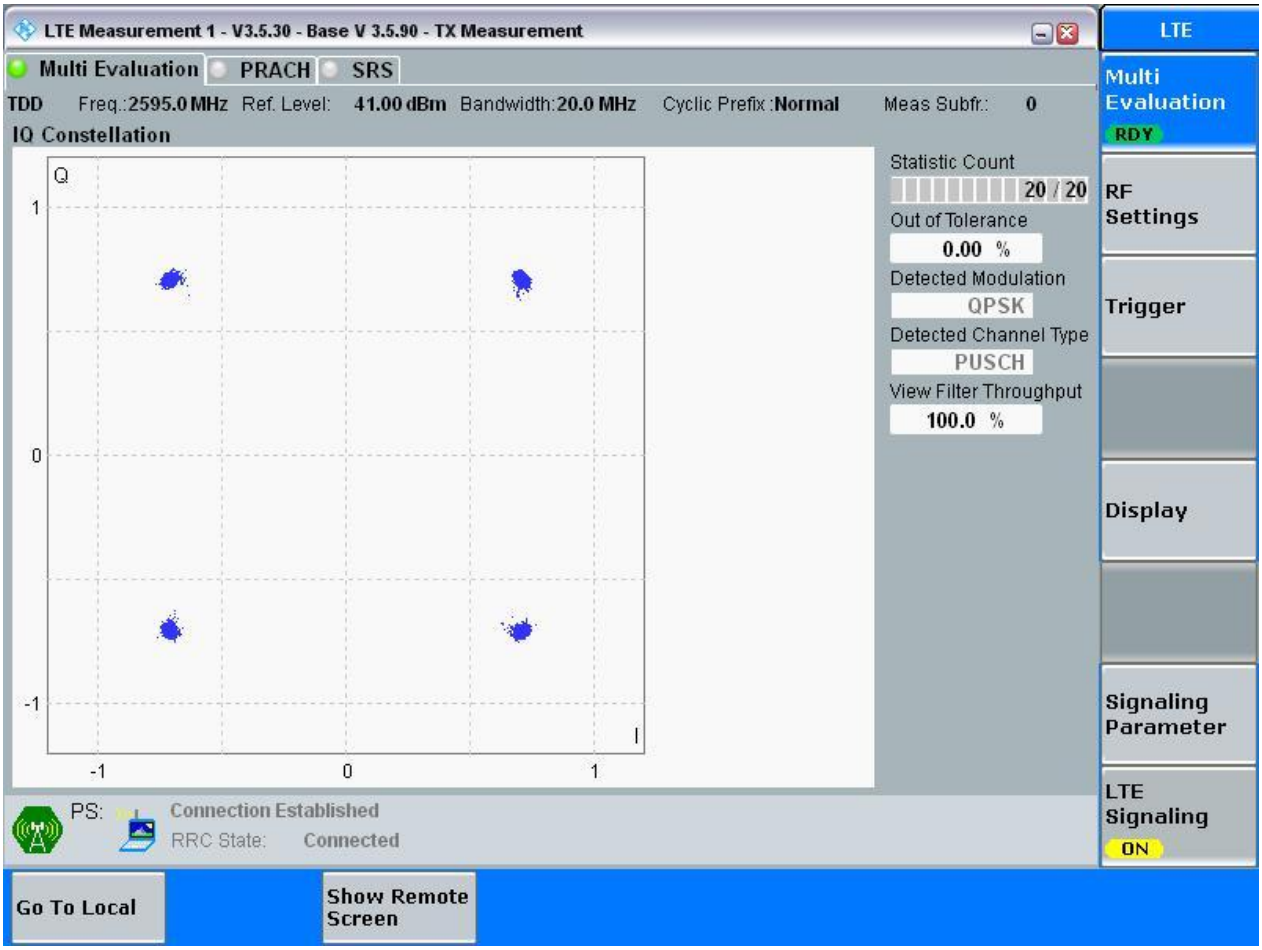
3.1.1.1.4 Test Bandwidth = 20

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB100#0



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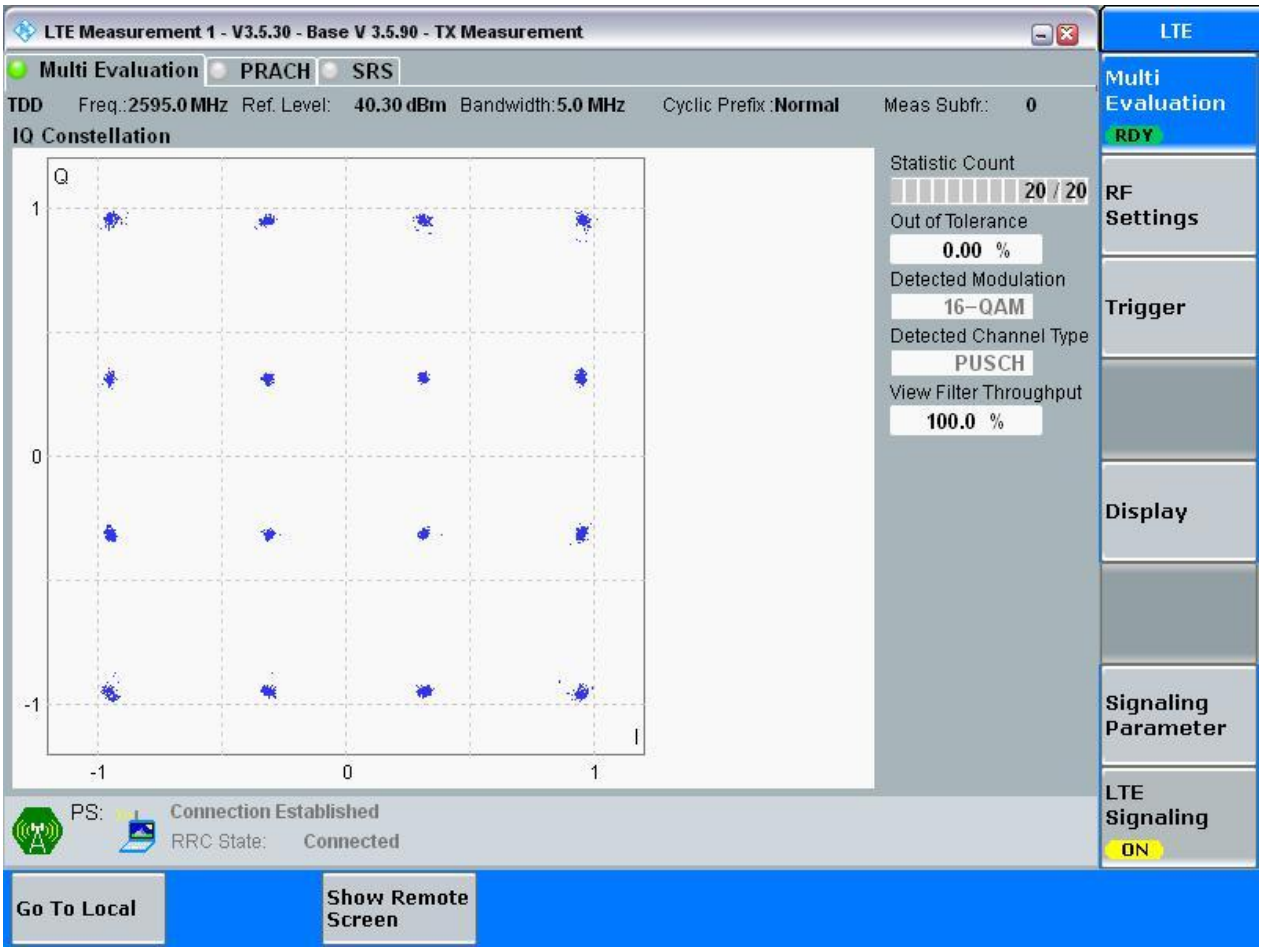
3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

3.1.1.2.1.1.1 Test RB = RB25#0



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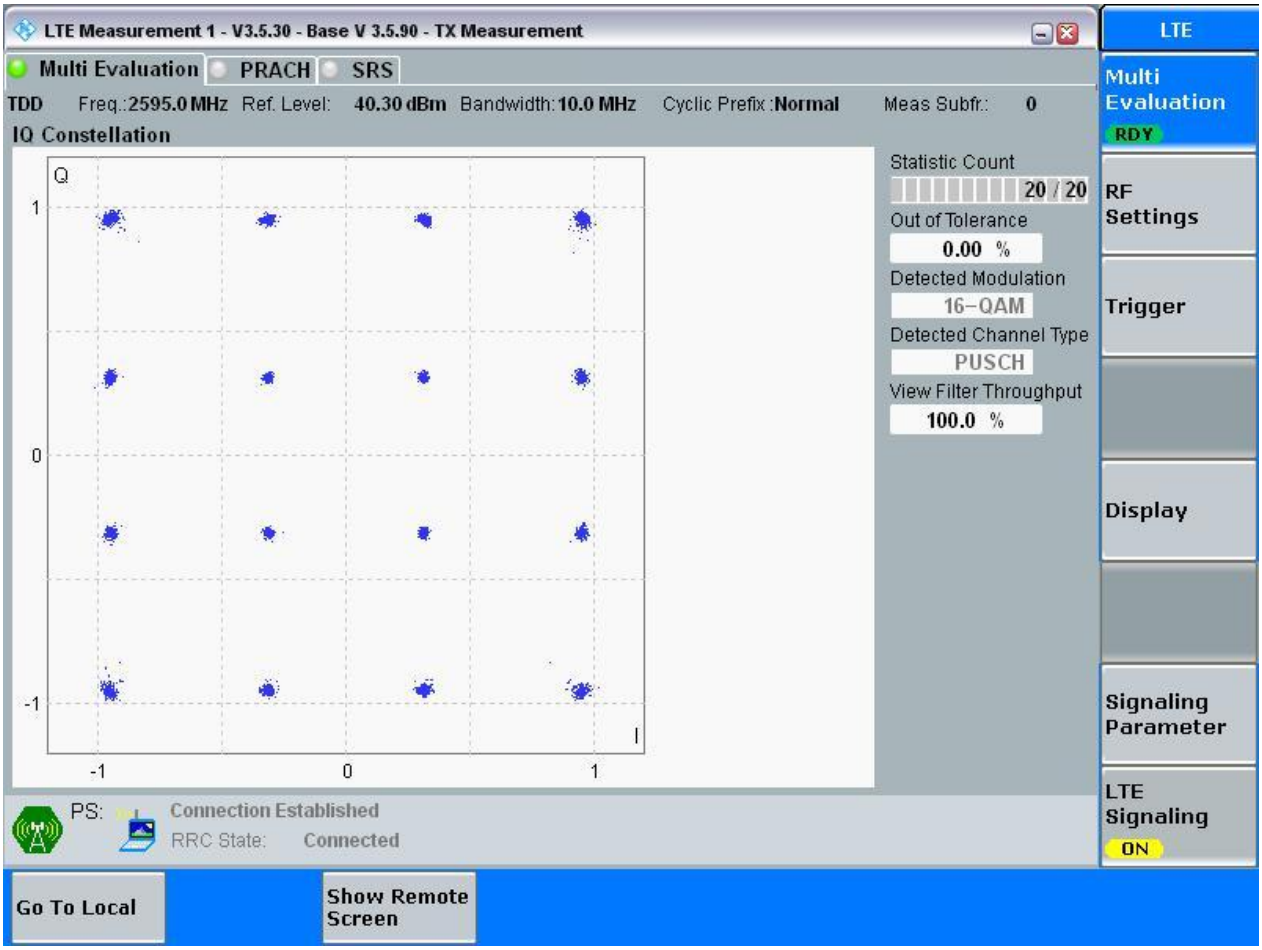
3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB50#0



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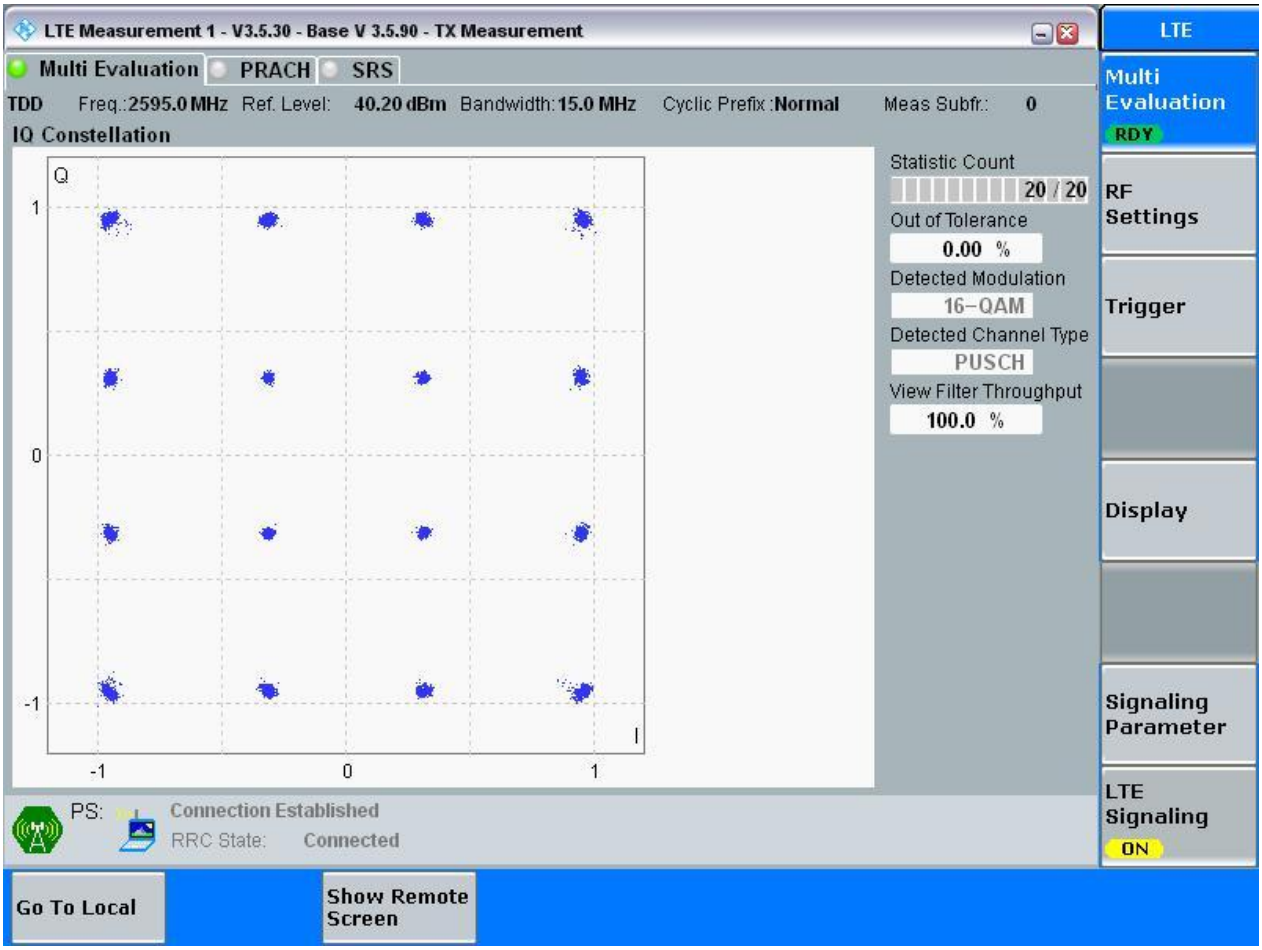
3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB75#0



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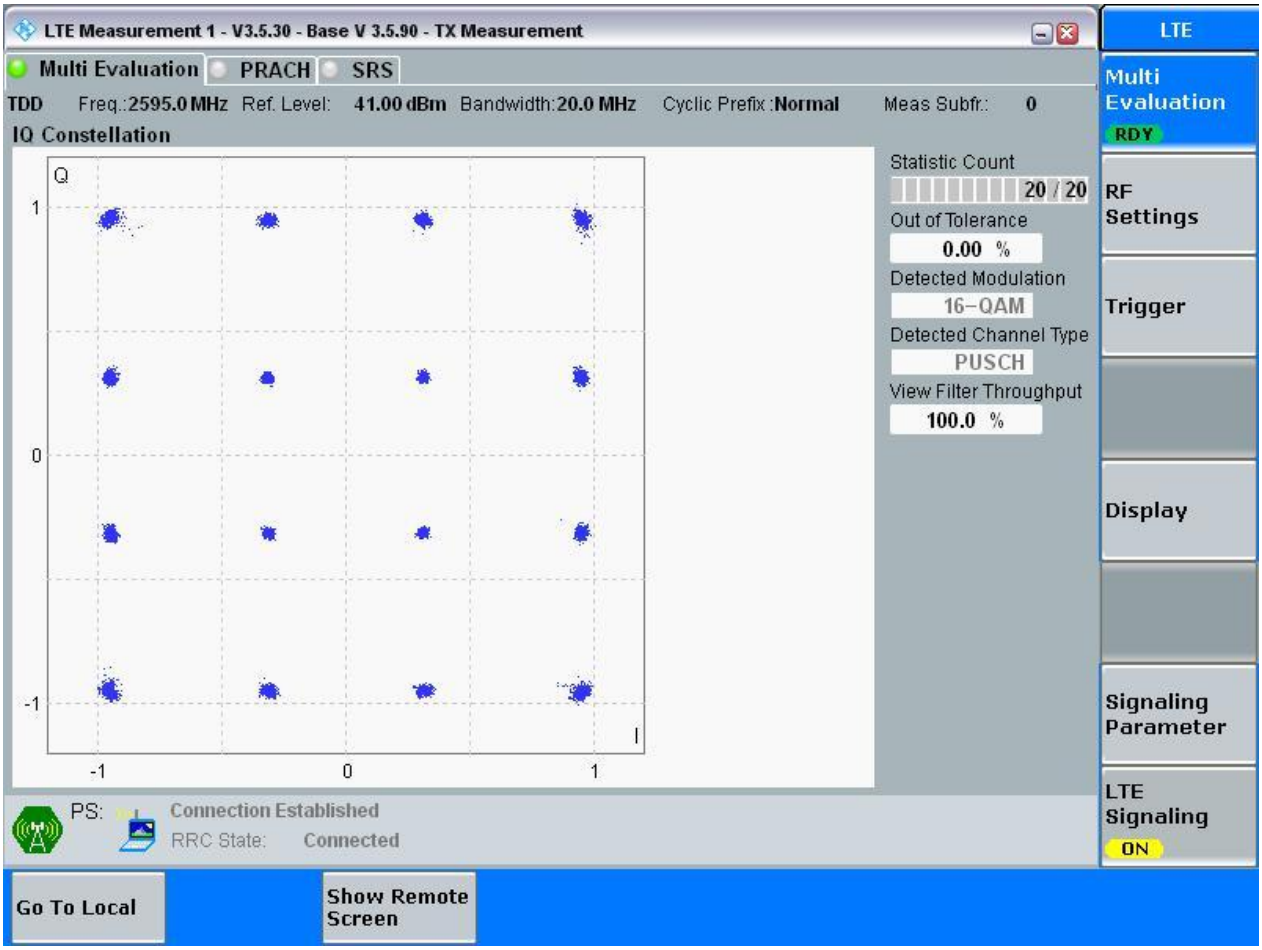
3.1.1.2.4 Test Bandwidth = 20

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB100#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
BAND38	LTE/TM1	5	LCH	RB25#0	4.50	4.87	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.49	4.81	Pass
		10	LCH	RB50#0	8.99	9.61	Pass
			MCH	RB50#0	8.97	9.57	Pass
			HCH	RB50#0	8.97	9.57	Pass
		15	LCH	RB75#0	13.46	14.31	Pass
			MCH	RB75#0	13.47	14.32	Pass
			HCH	RB75#0	13.47	14.30	Pass
		20	LCH	RB100#0	17.95	19.17	Pass
			MCH	RB100#0	17.96	19.02	Pass
			HCH	RB100#0	17.94	19.13	Pass
	LTE/TM2	5	LCH	RB25#0	4.49	4.83	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	9.00	9.60	Pass
			MCH	RB50#0	8.98	9.59	Pass
			HCH	RB50#0	8.98	9.61	Pass
		15	LCH	RB75#0	13.47	14.30	Pass
			MCH	RB75#0	13.45	14.31	Pass
			HCH	RB75#0	13.45	14.36	Pass
		20	LCH	RB100#0	17.96	19.00	Pass
			MCH	RB100#0	17.96	19.04	Pass
			HCH	RB100#0	17.97	19.03	Pass

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Part II - Test Plots

4.1 For LTE

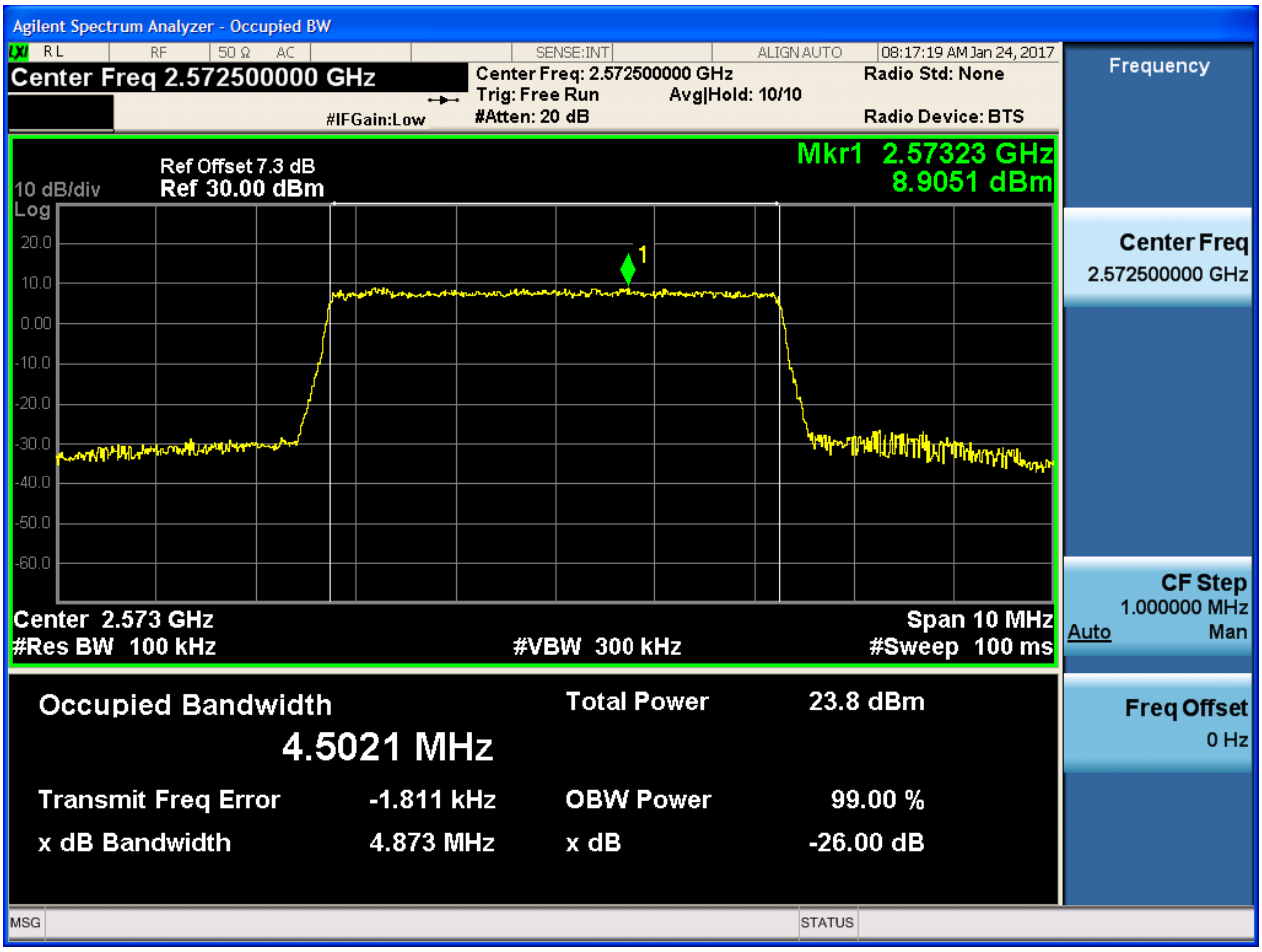
4.1.1 Test Band = BAND38

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



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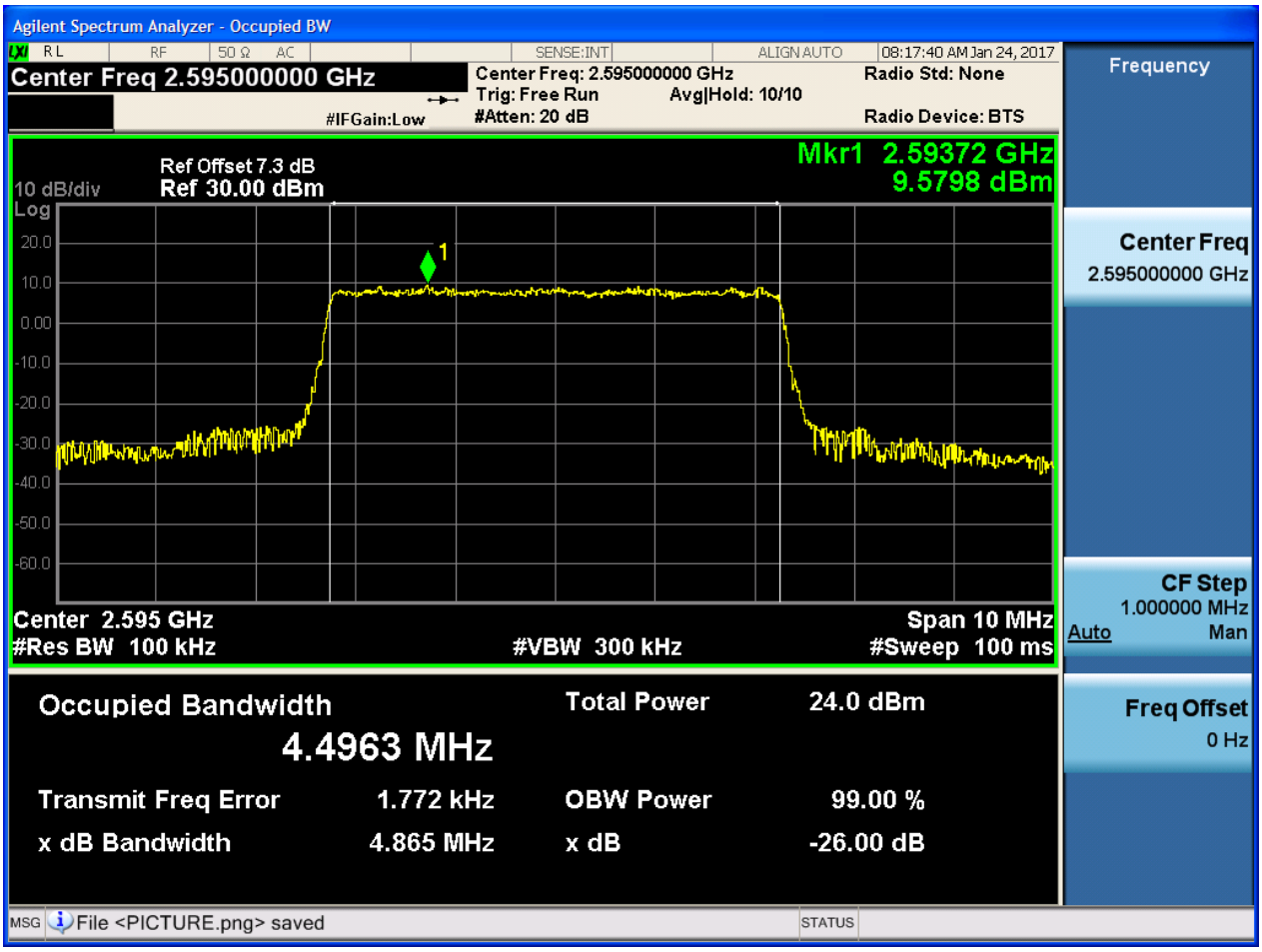
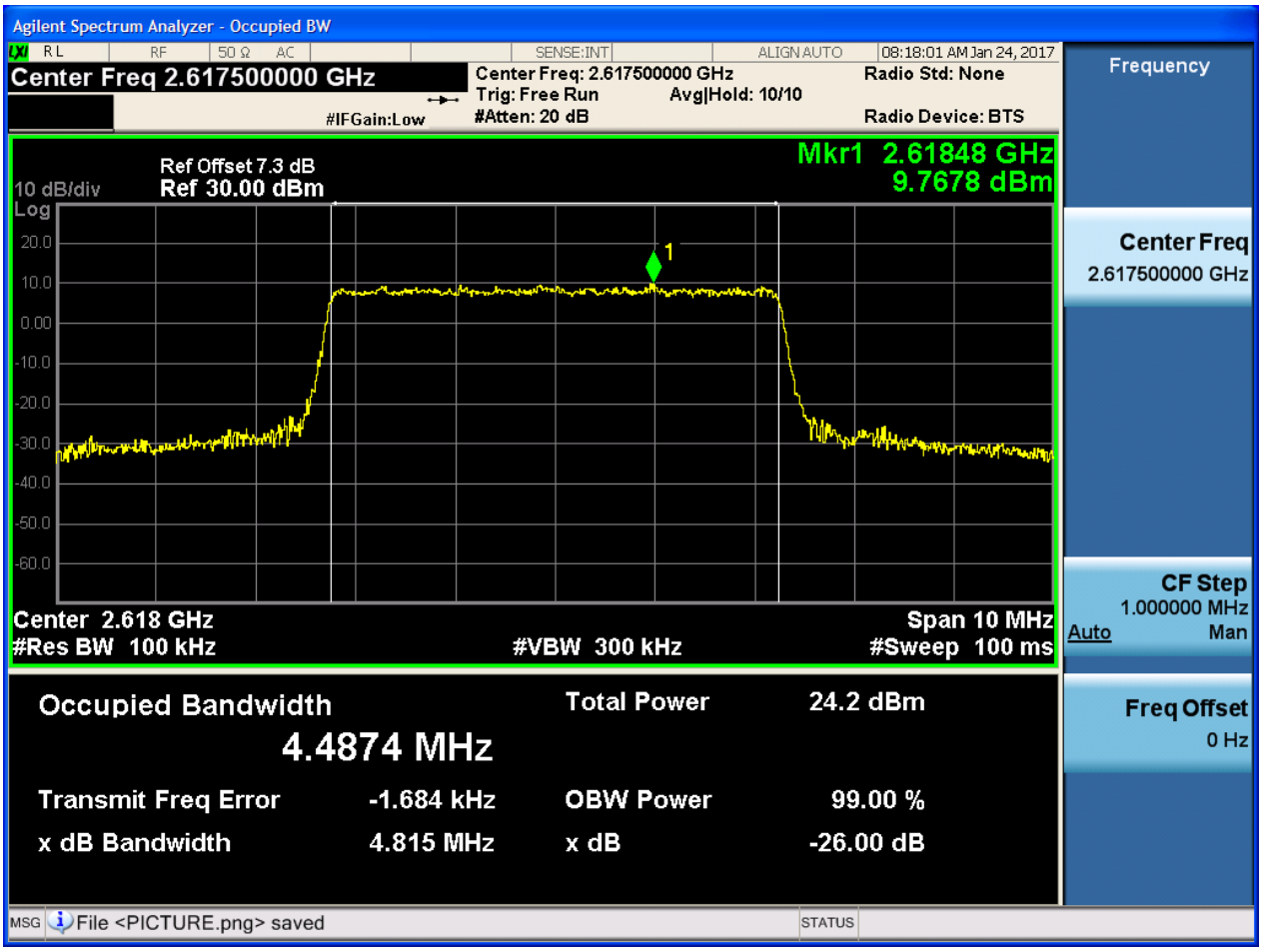
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

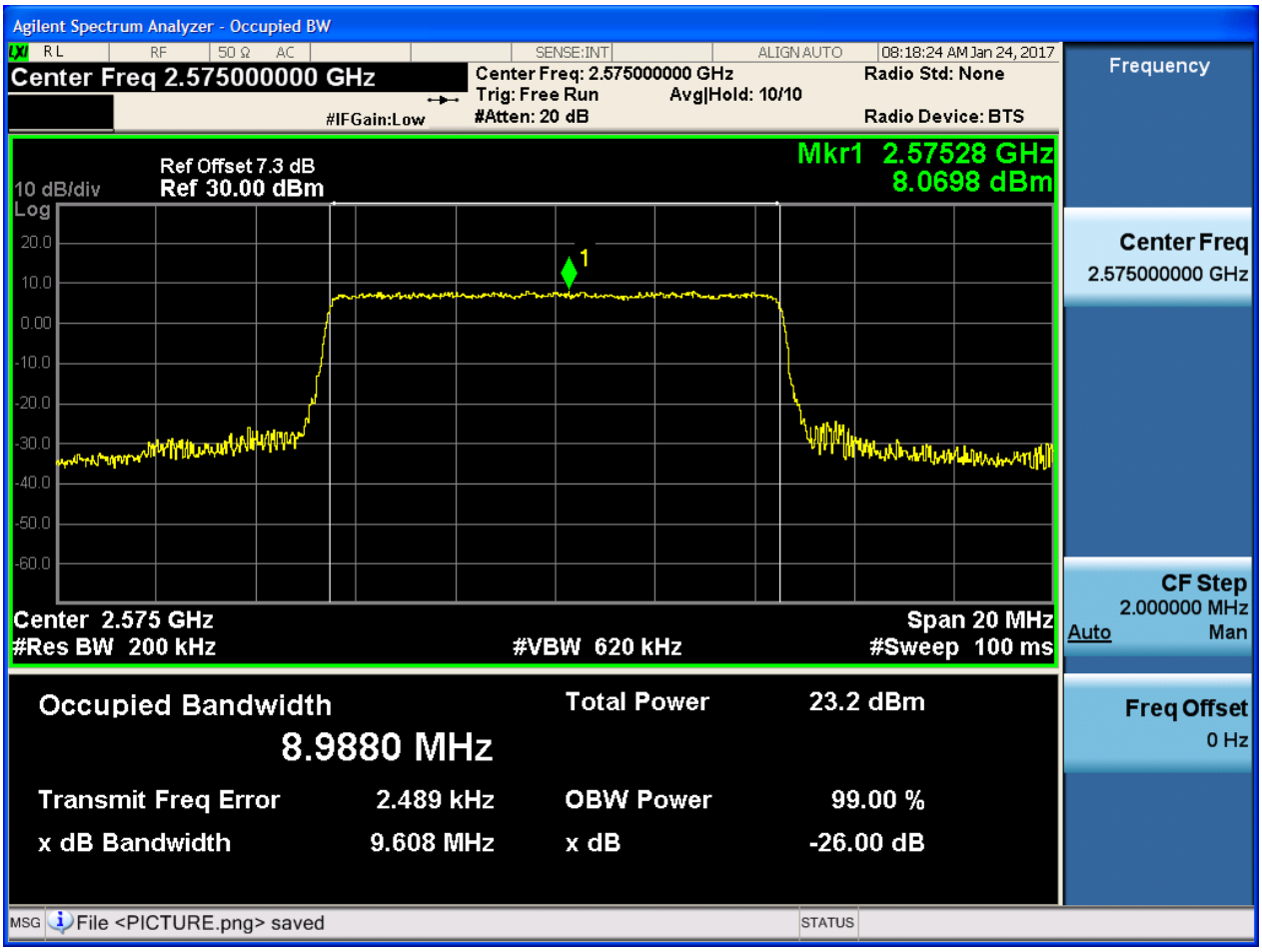
4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0



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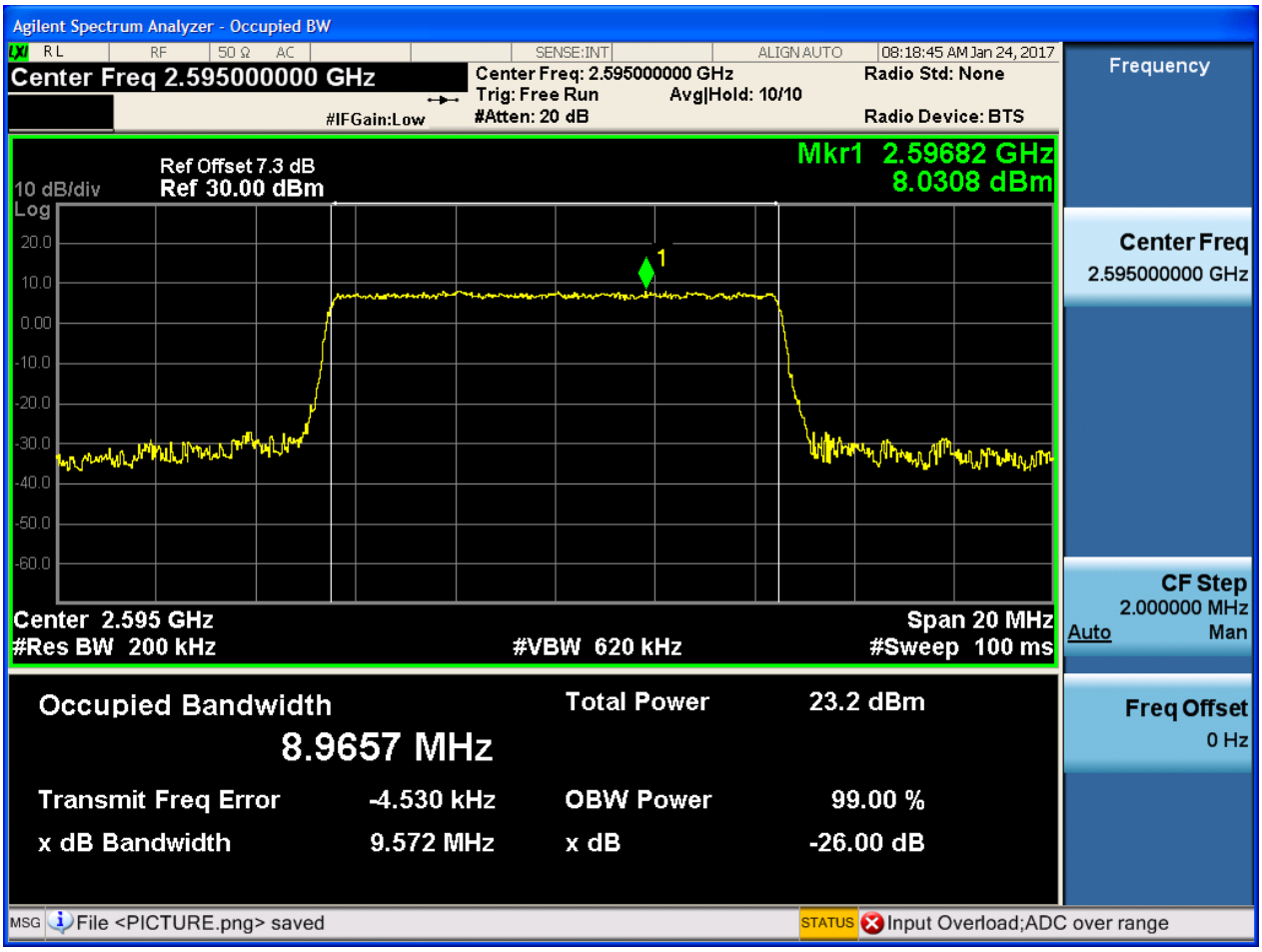
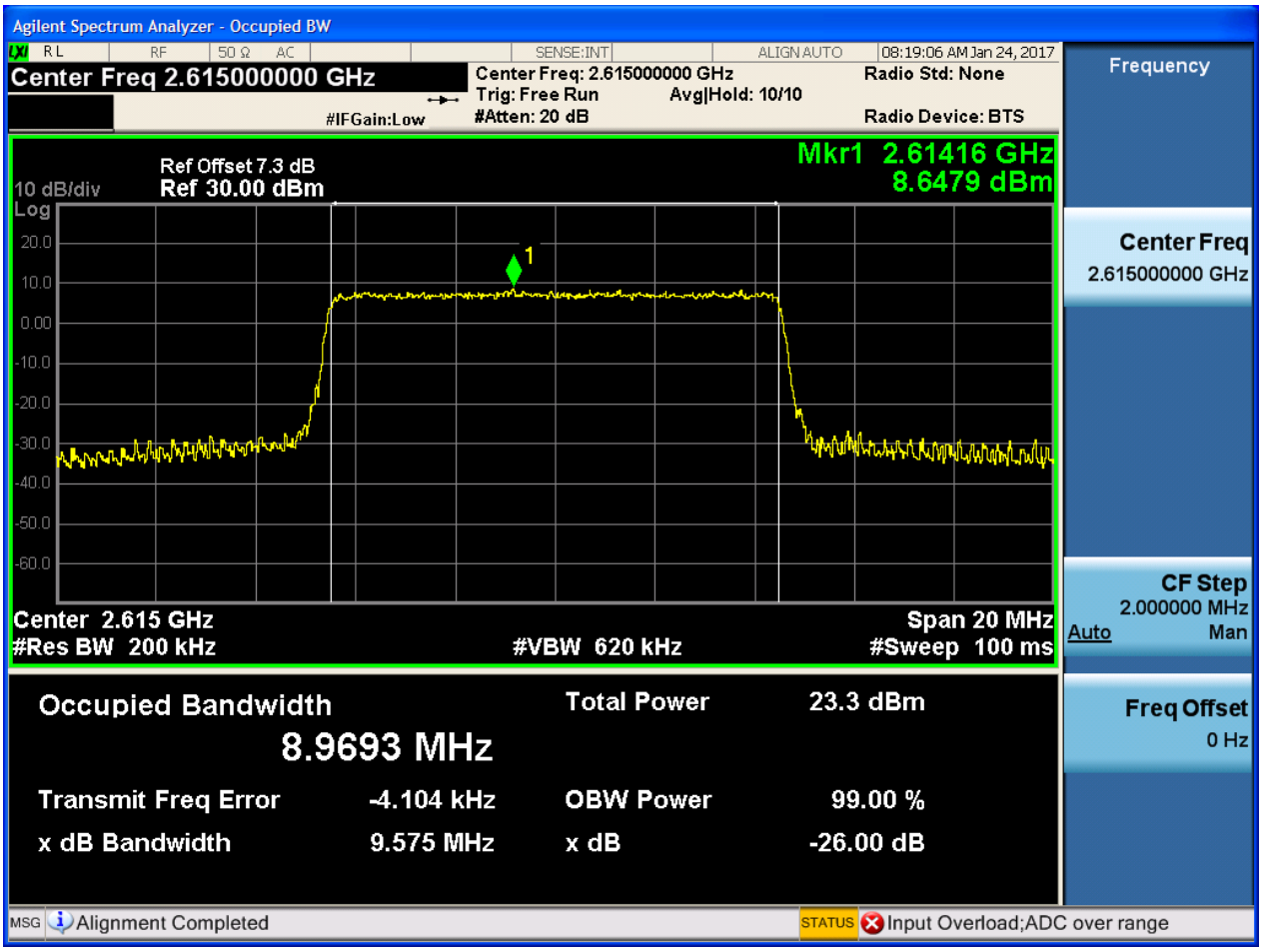
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB50#0



4.1.1.1.2.3 Test Channel = HCH

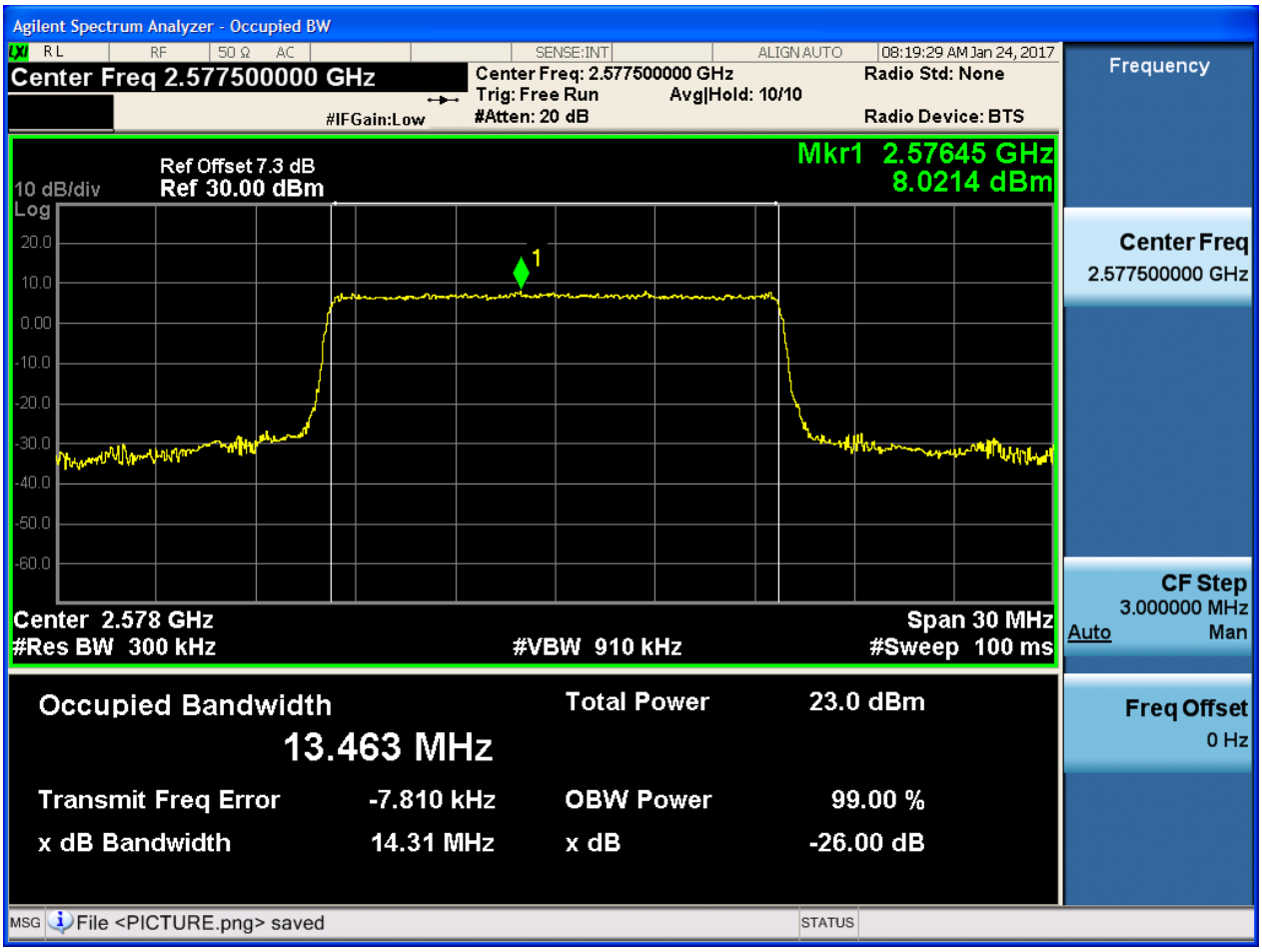
4.1.1.1.2.3.1 Test RB = RB50#0



4.1.1.1.3 Test Bandwidth = 15

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0



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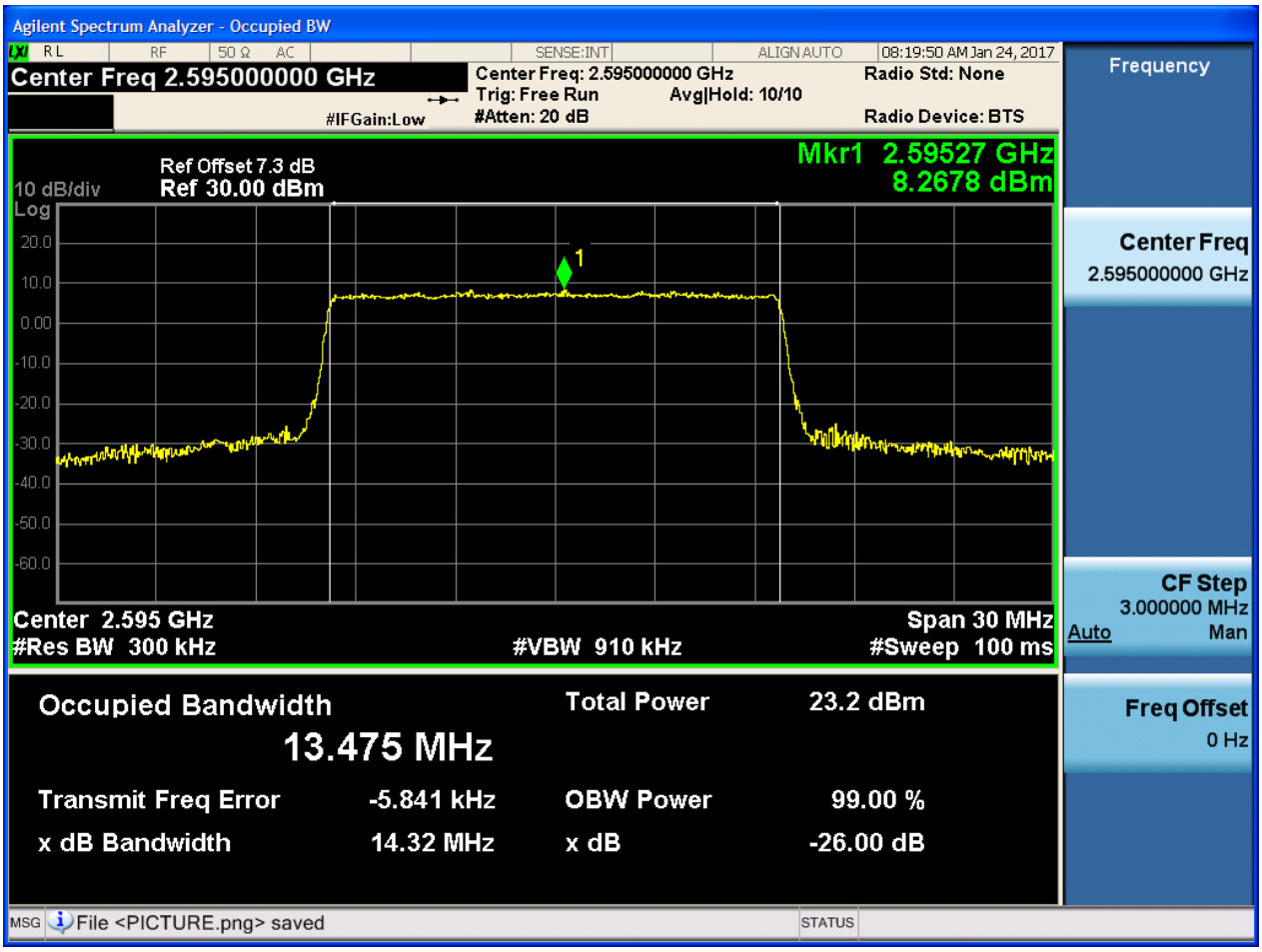
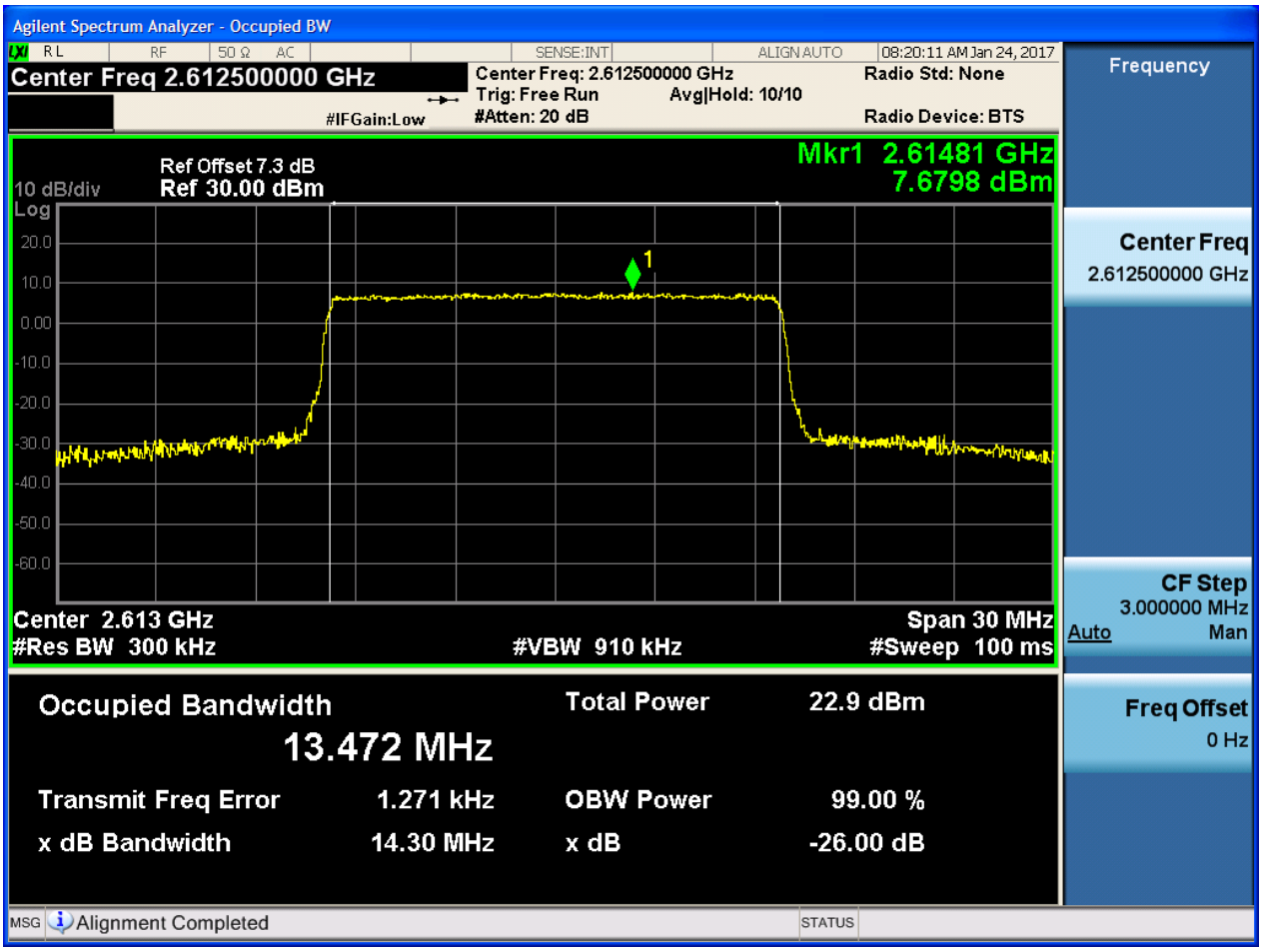
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB75#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB75#0



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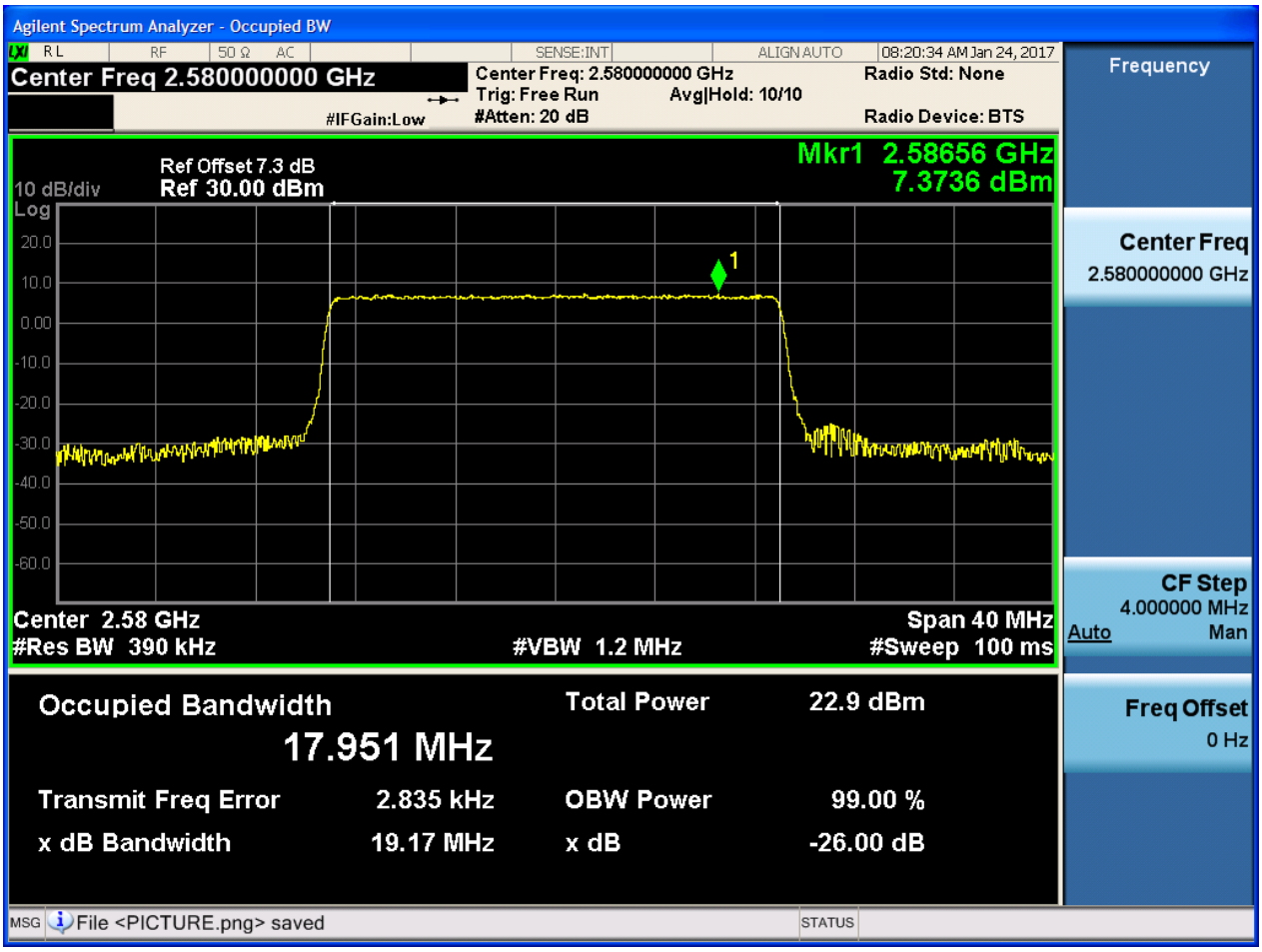
4.1.1.1.4 Test Bandwidth = 20

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB100#0



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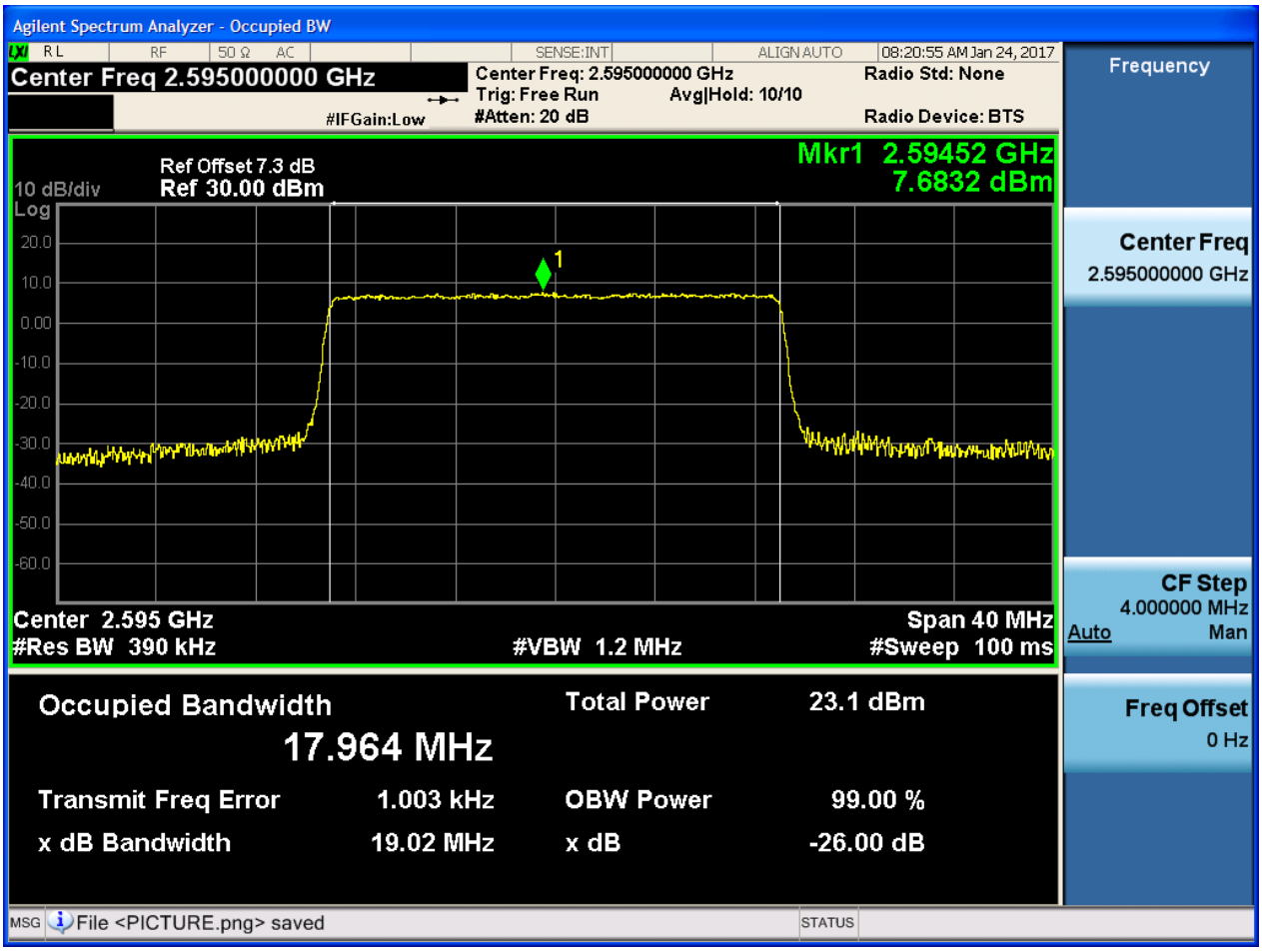
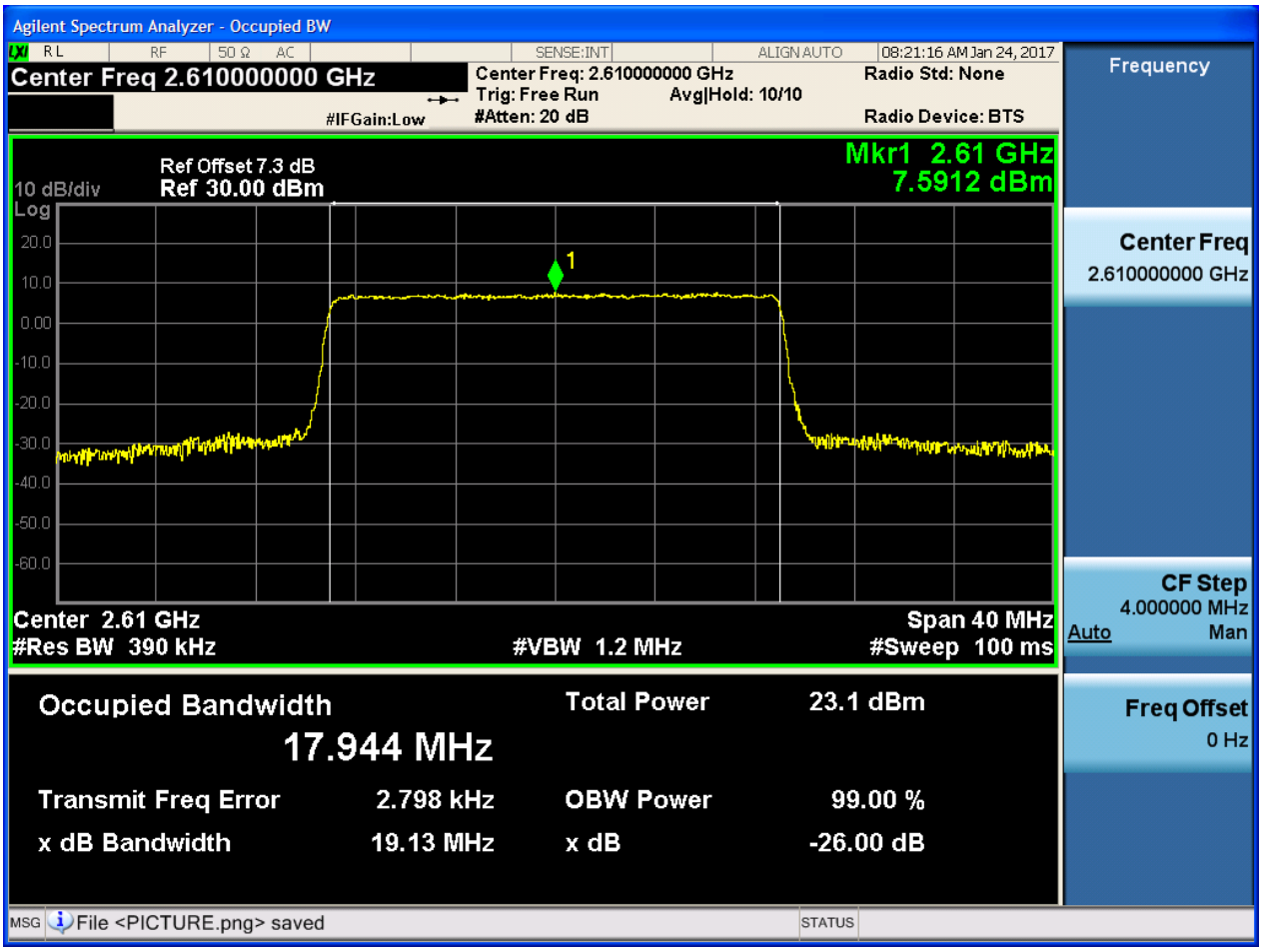
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB100#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB100#0

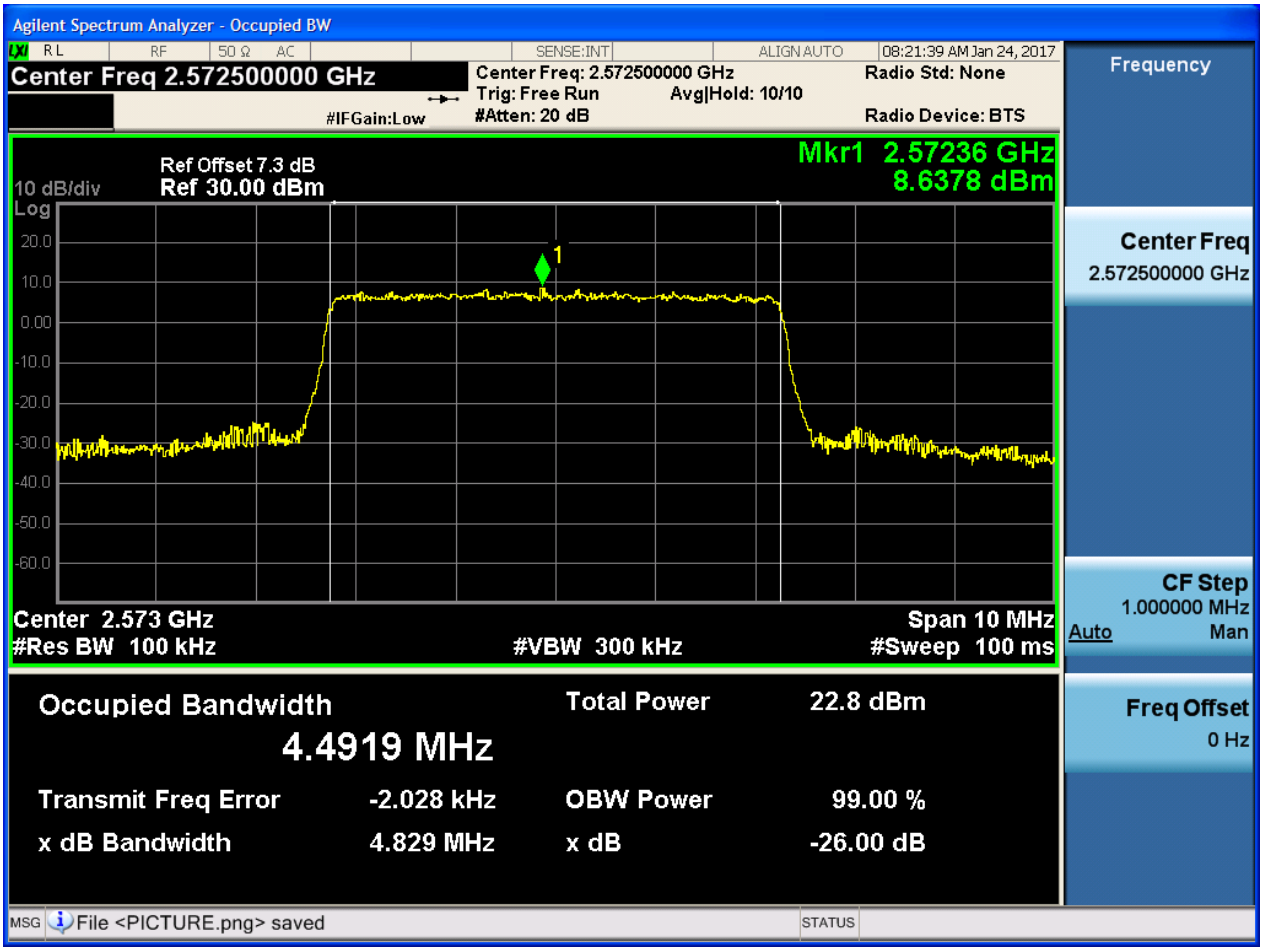


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB25#0



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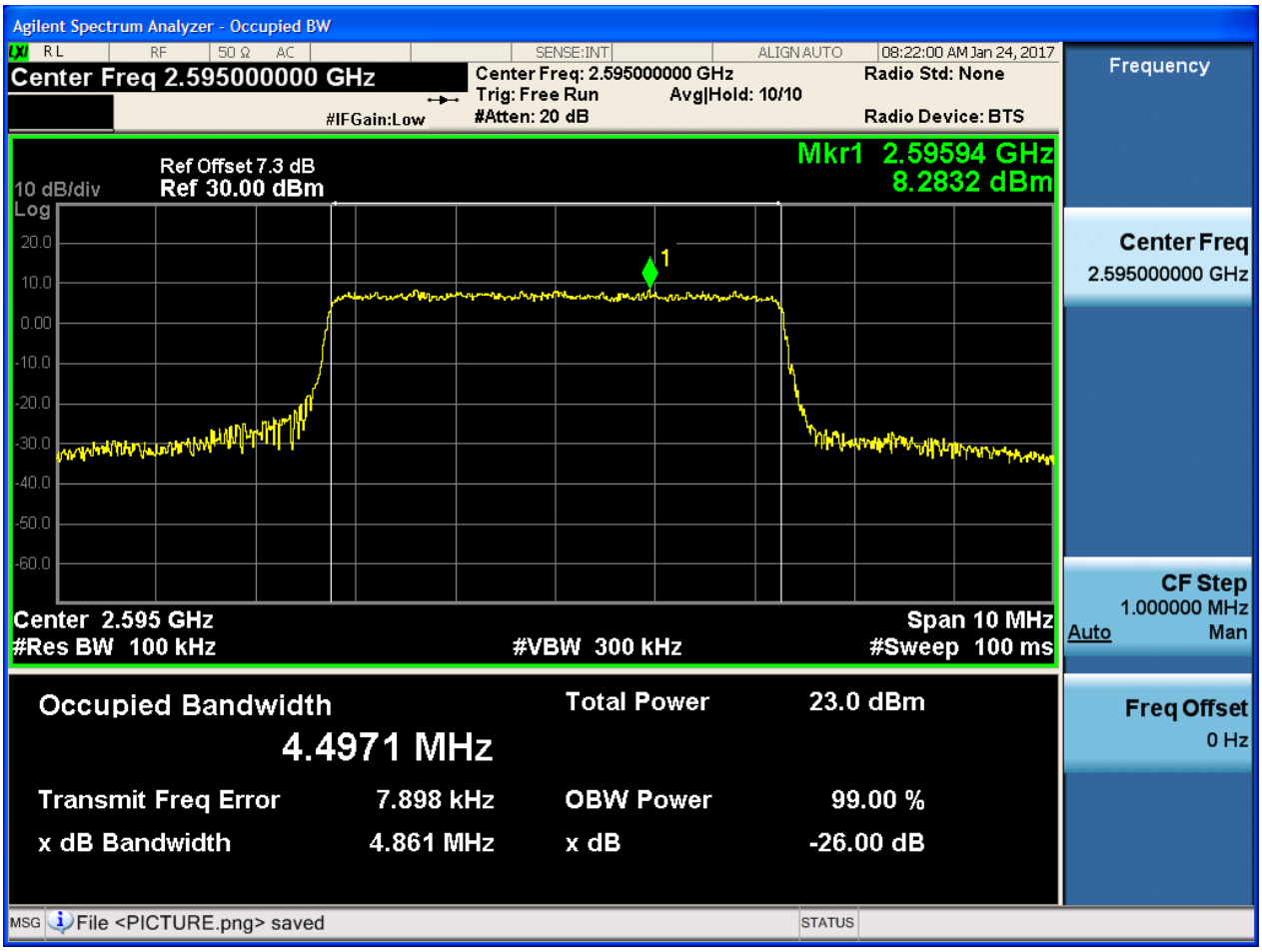
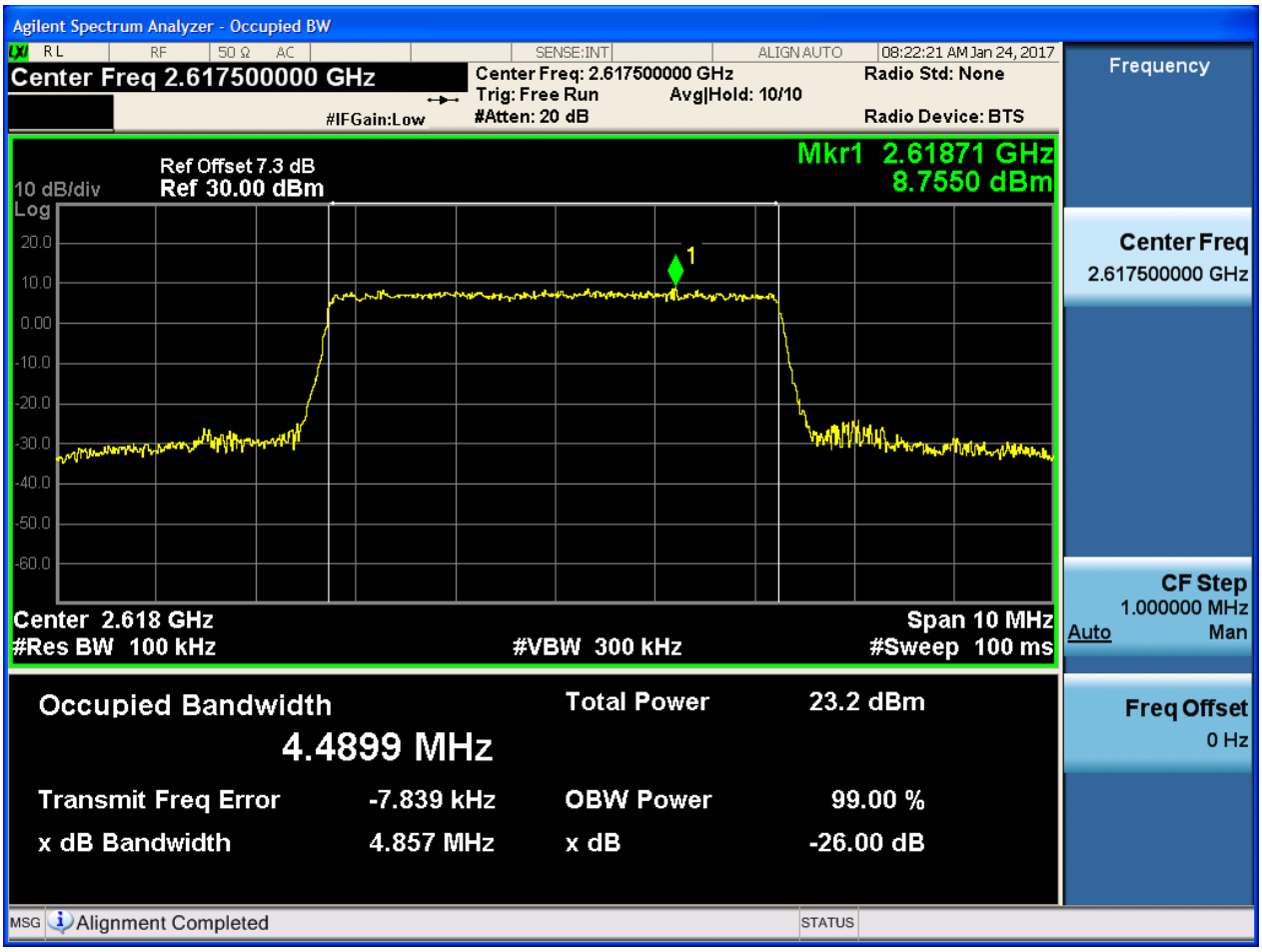
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0



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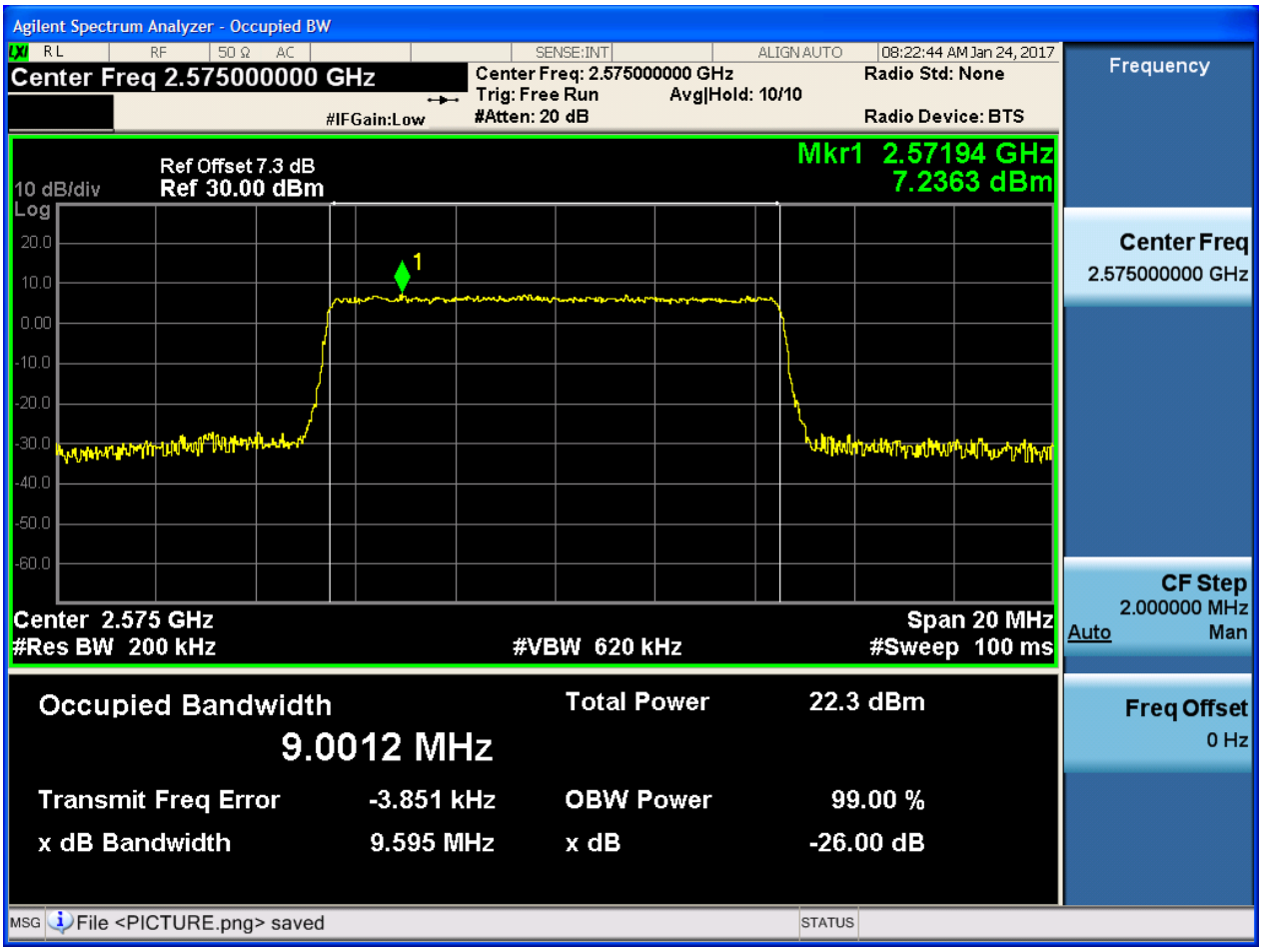
4.1.1.2.2 Test Bandwidth = 10

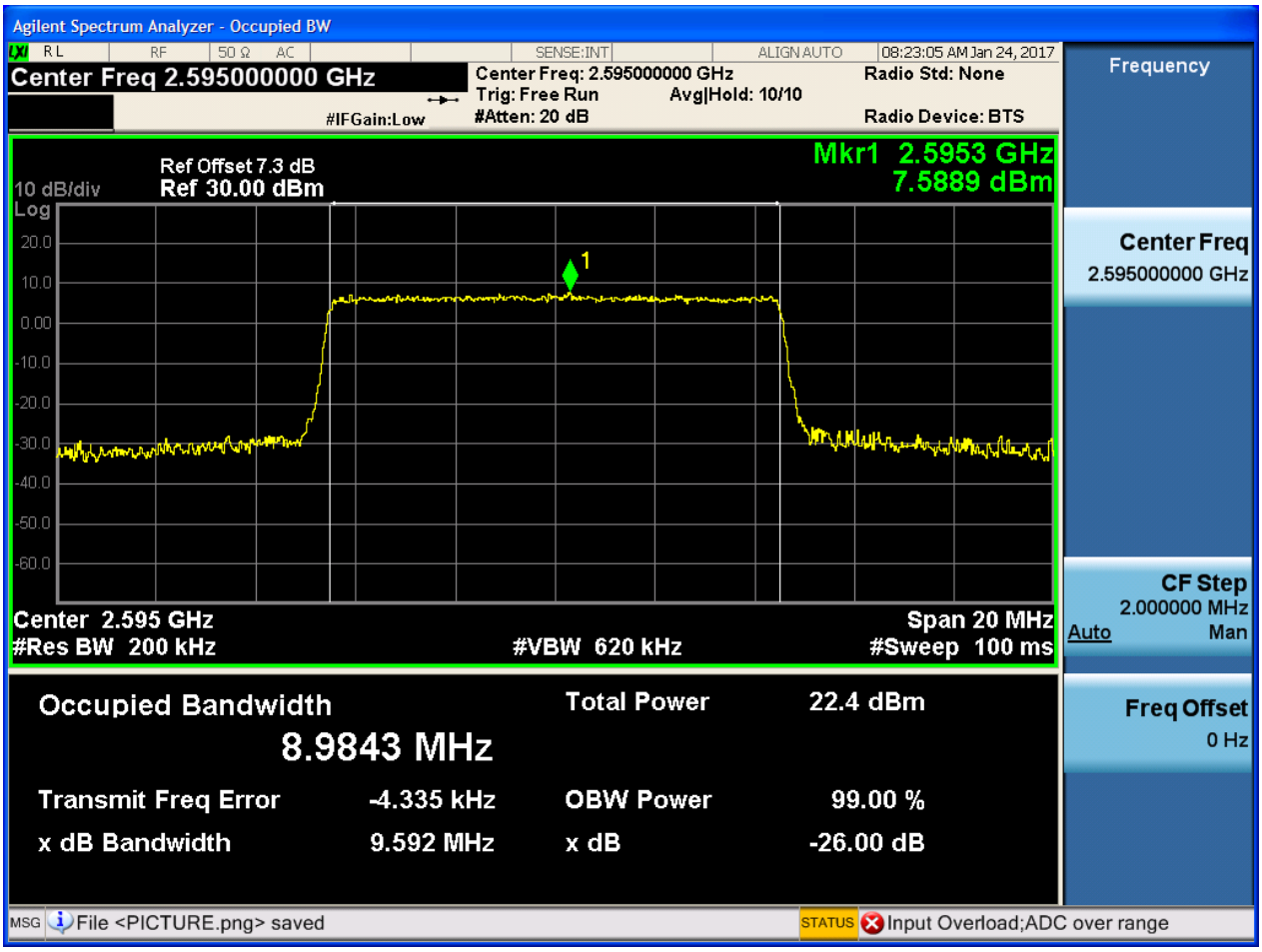
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0



4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB50#0



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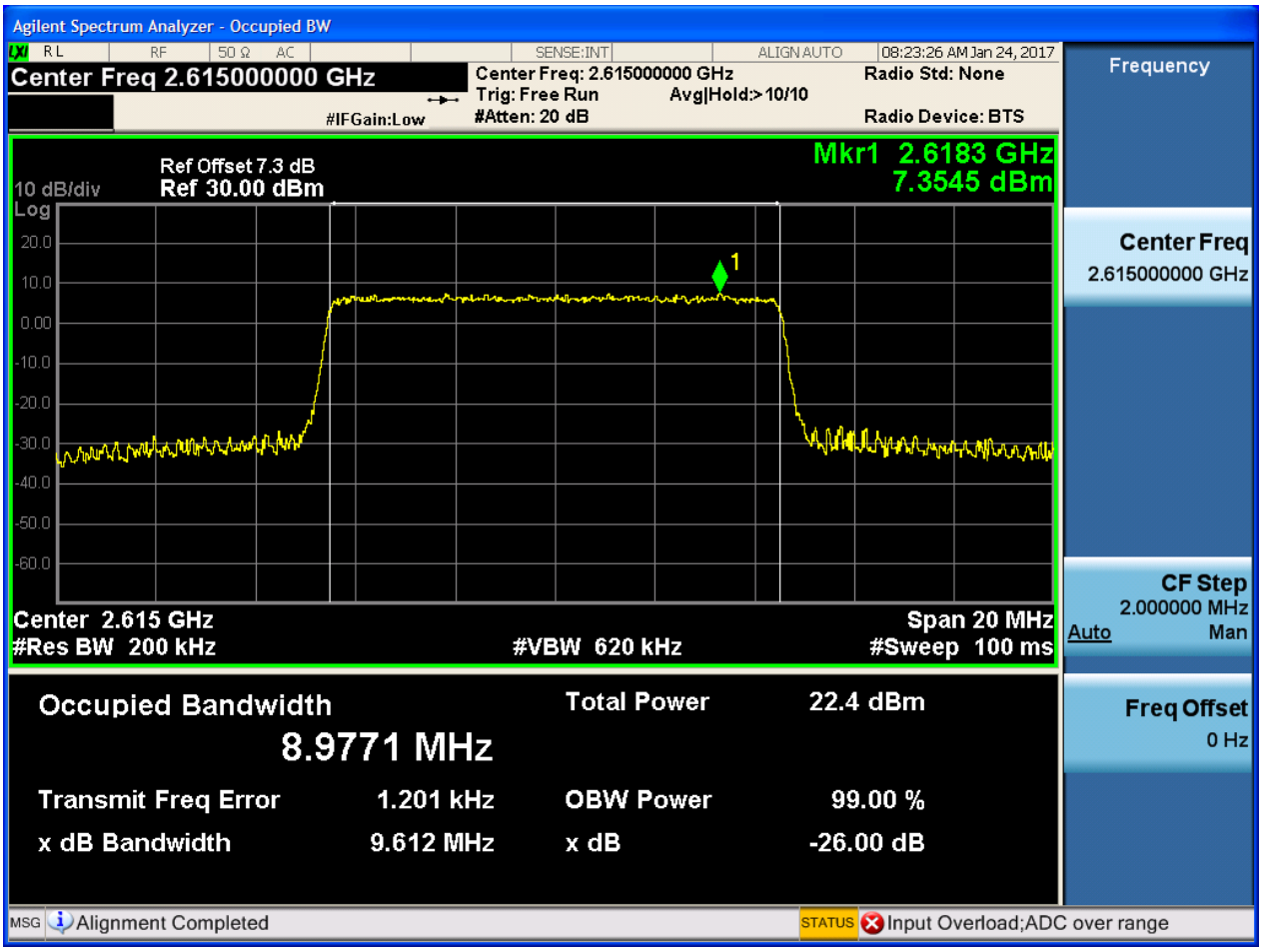
4.1.1.2.2.3 Test Channel = HCH

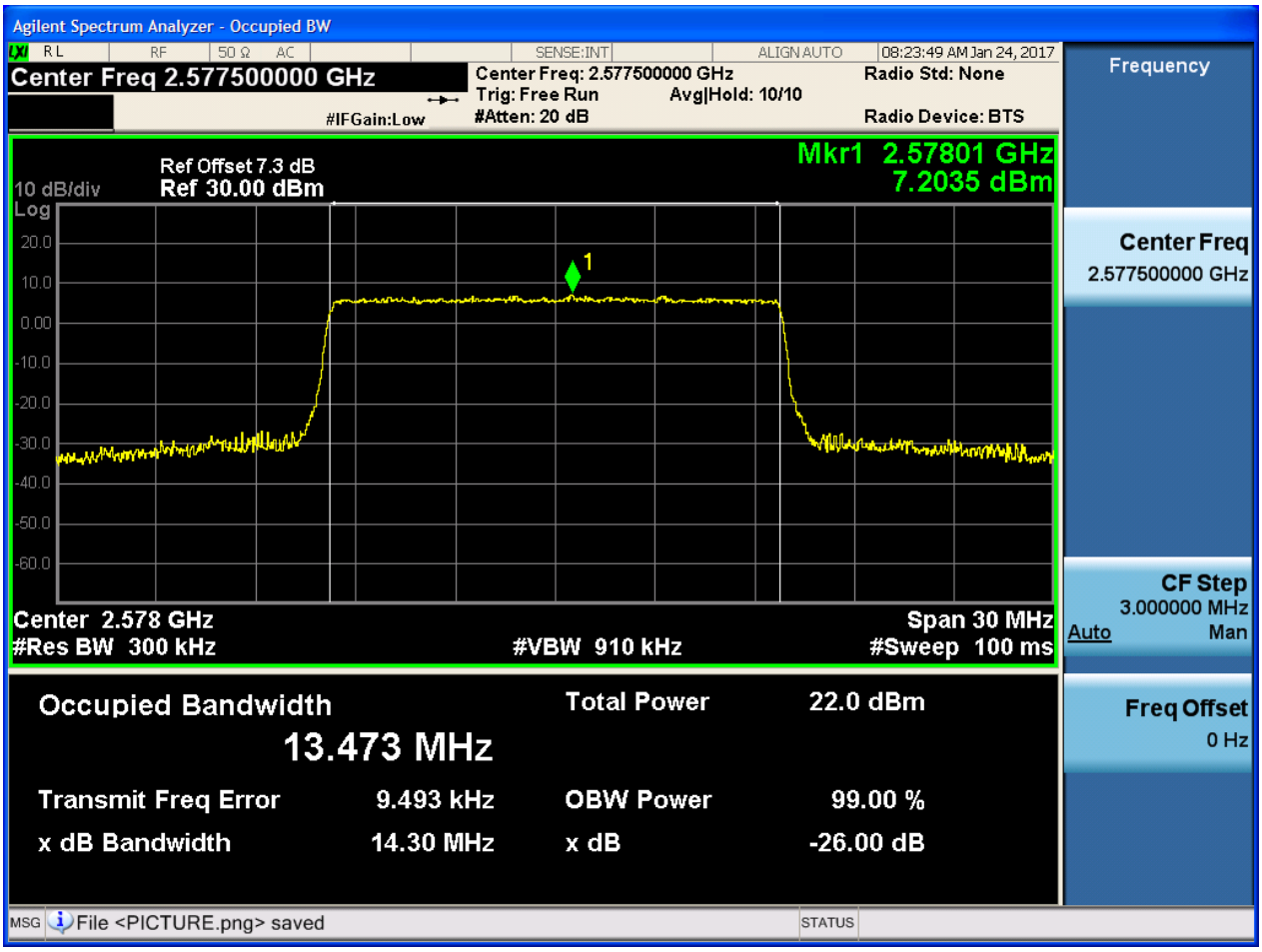
4.1.1.2.2.3.1 Test RB = RB50#0



4.1.1.2.3 Test Bandwidth = 15

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB75#0



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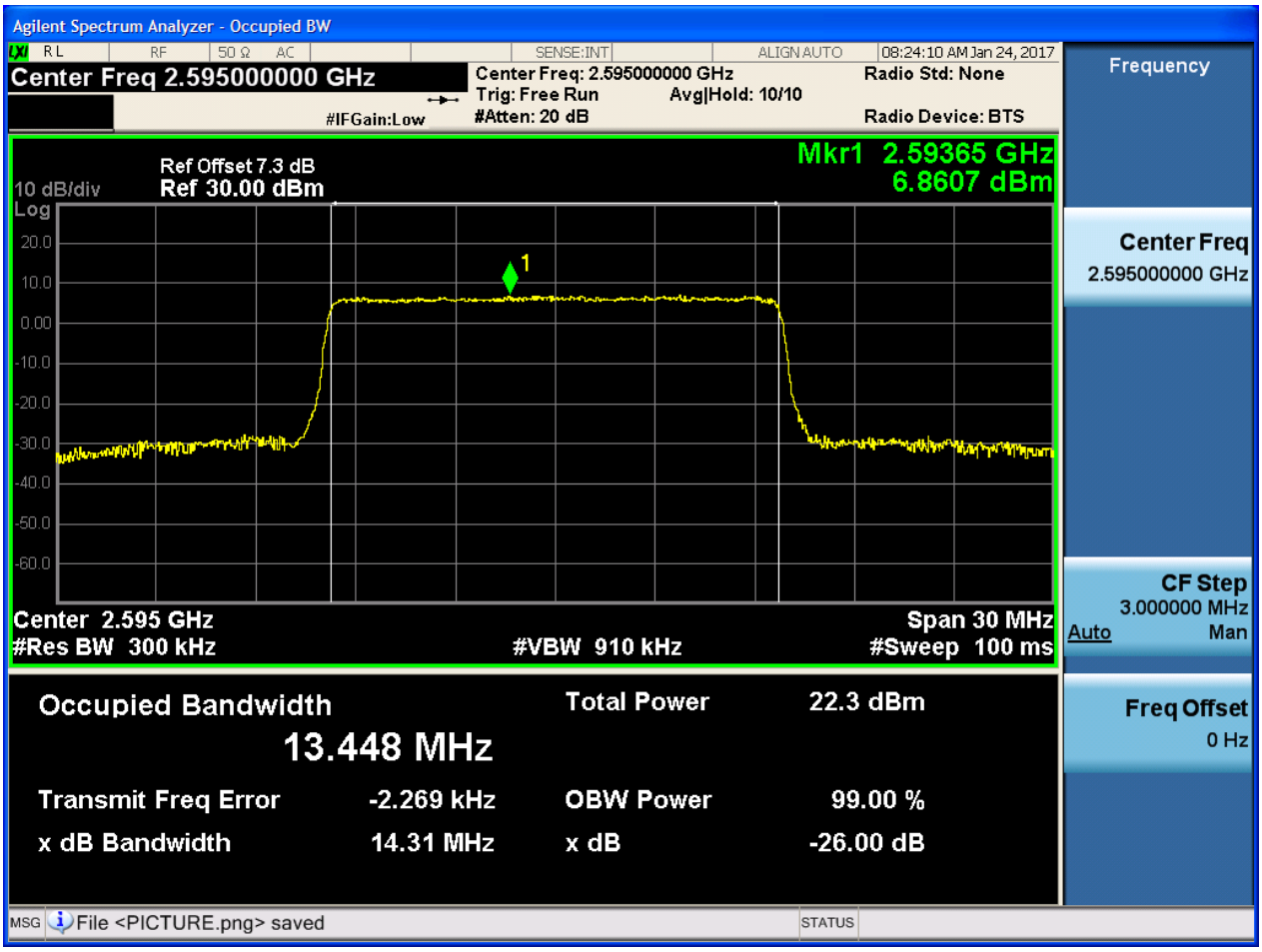
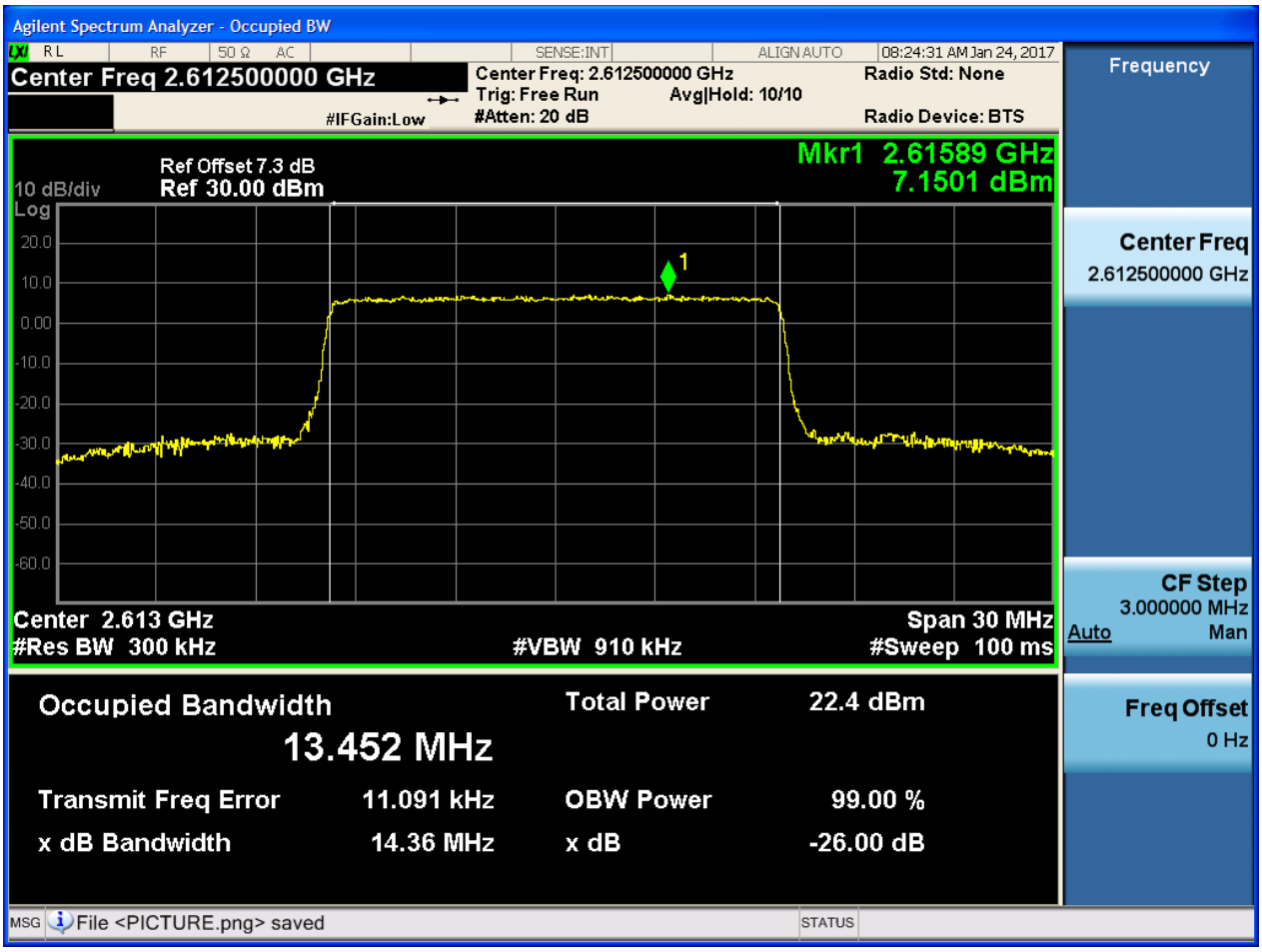
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB75#0



4.1.1.2.3.3 Test Channel = HCH

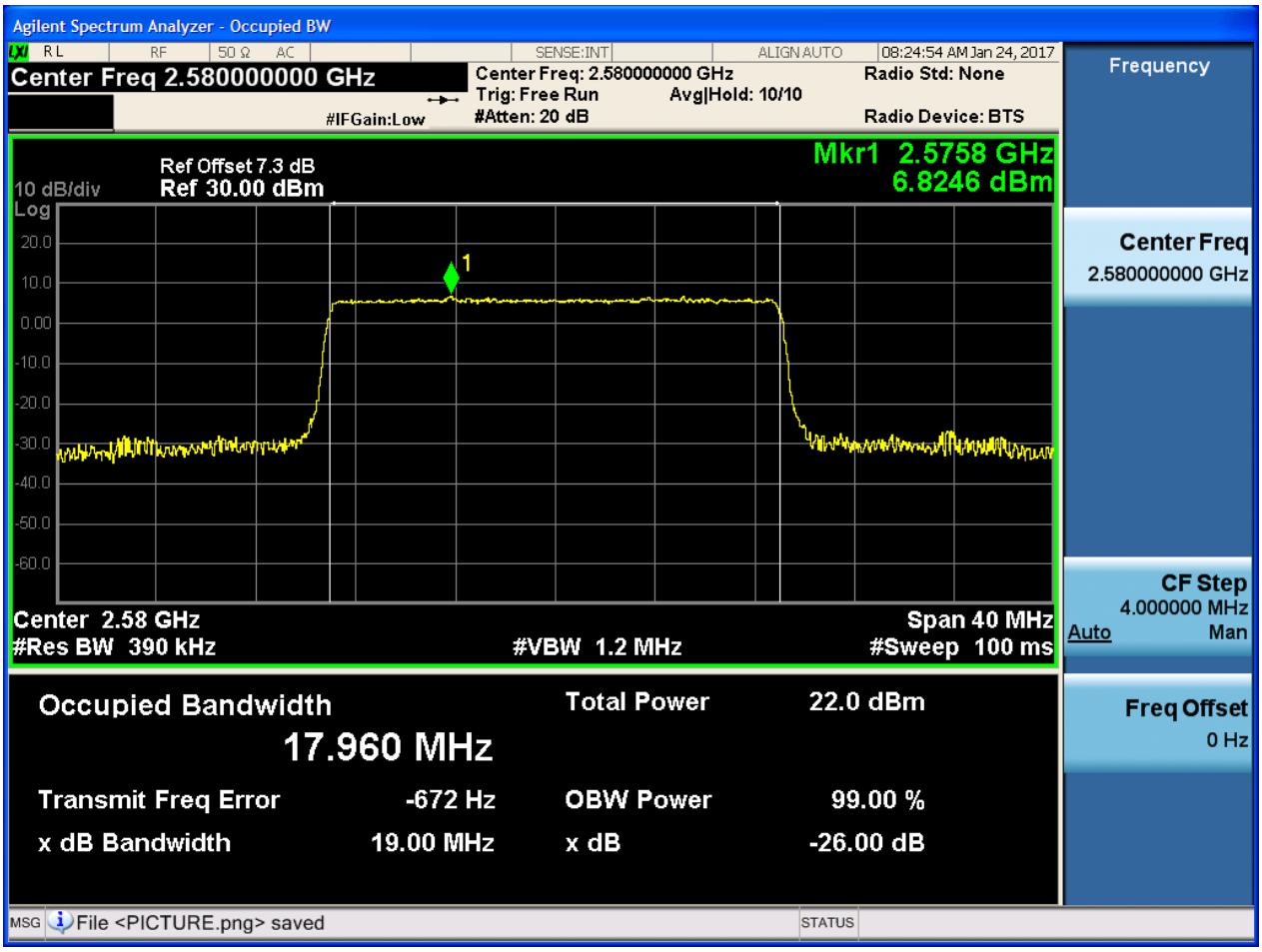
4.1.1.2.3.3.1 Test RB = RB75#0



4.1.1.2.4 Test Bandwidth = 20

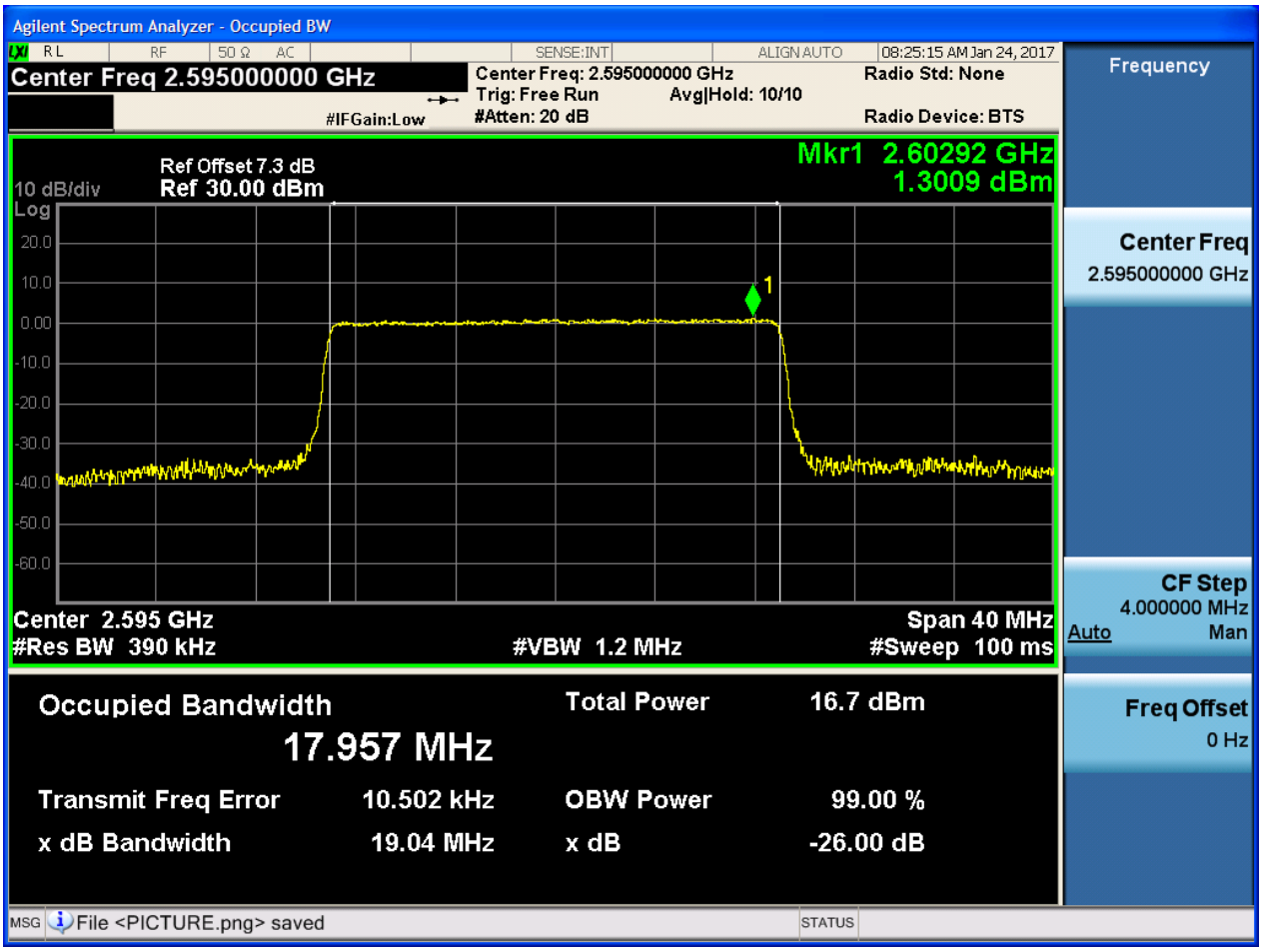
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0



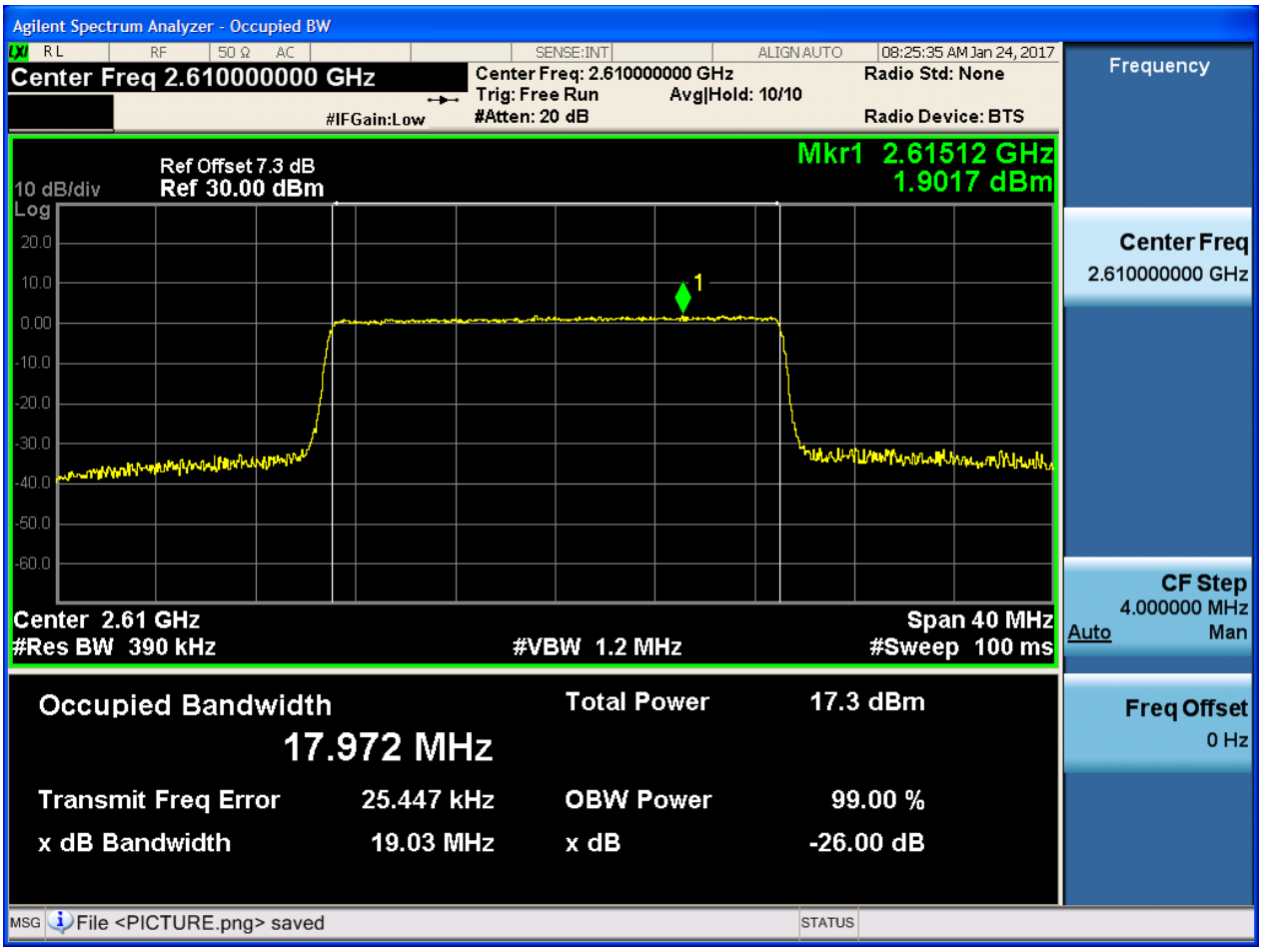
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB100#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

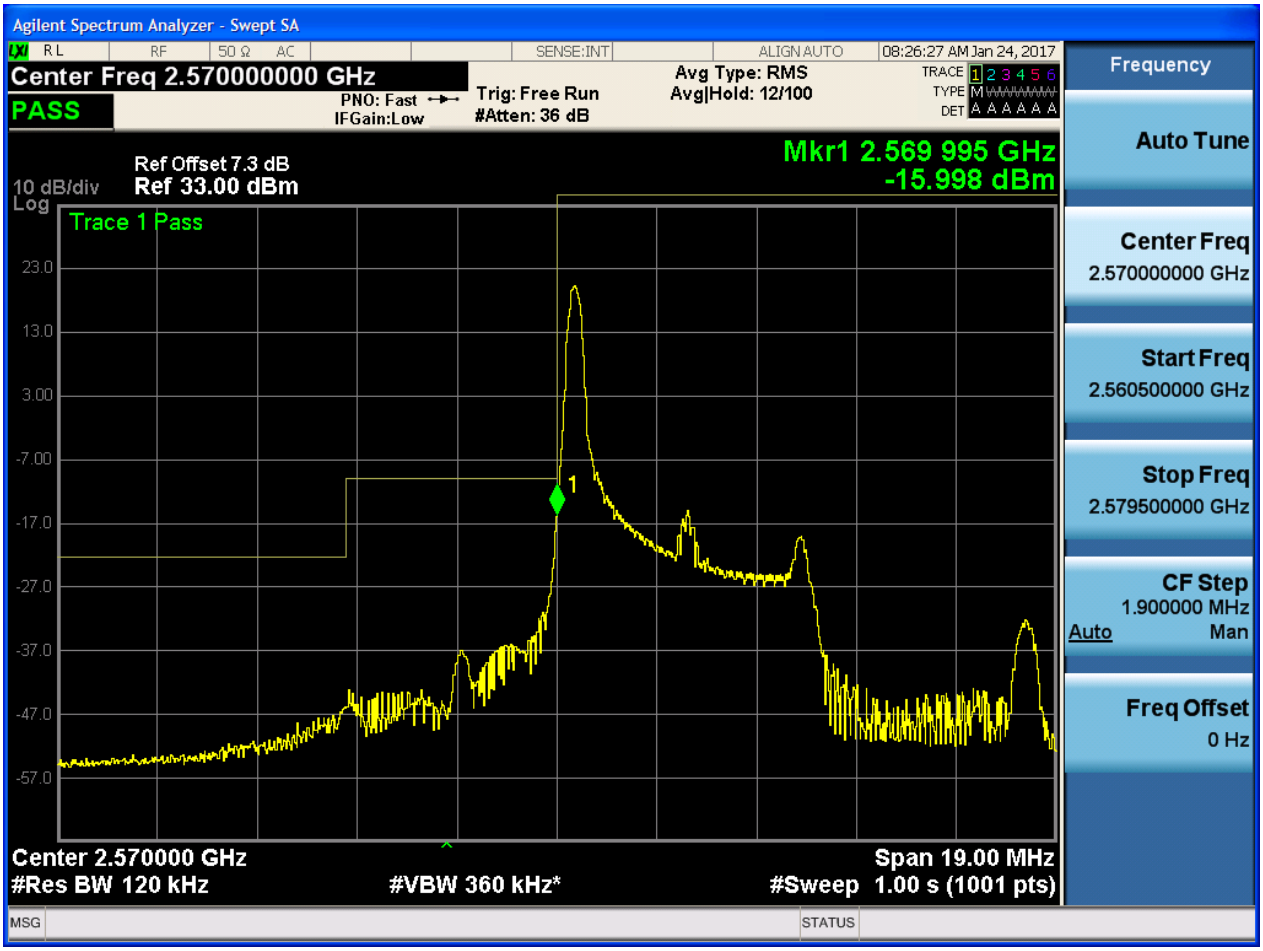
5.1.1 Test Band = BAND38

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

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#24

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5.1.1.1.1.1.3 Test RB = RB12#6

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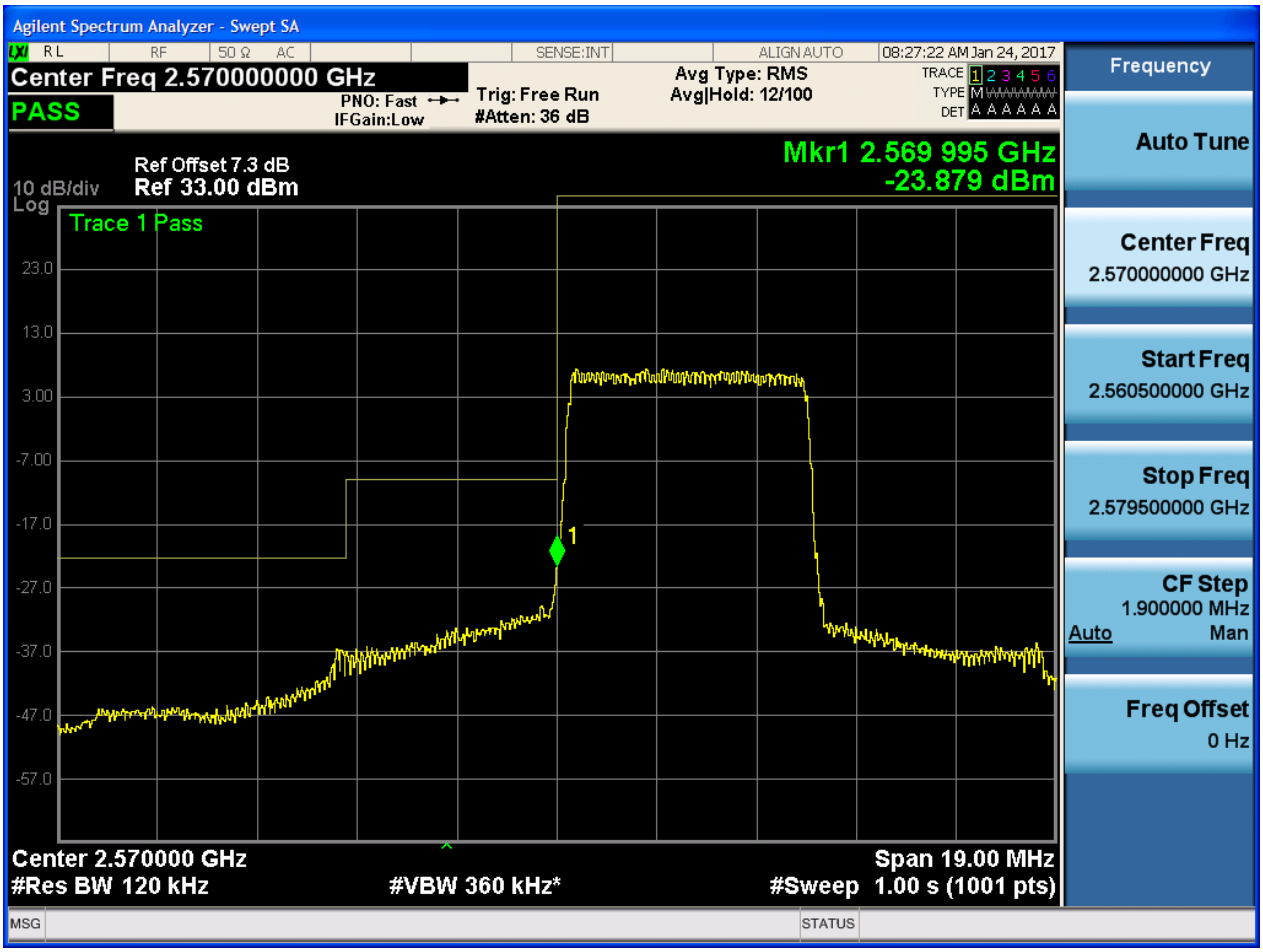
5.1.1.1.1.1.4 Test RB = RB25#0



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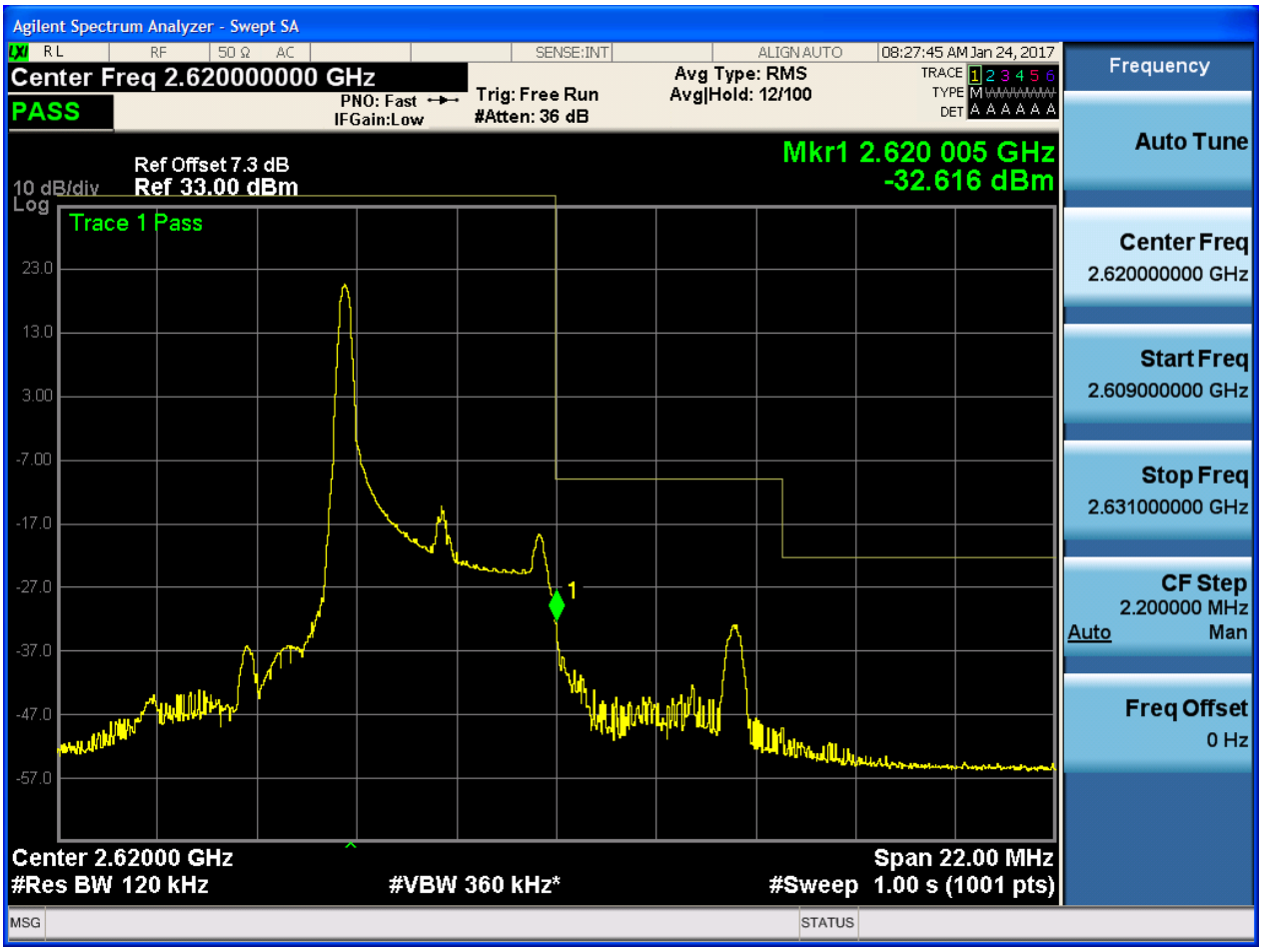
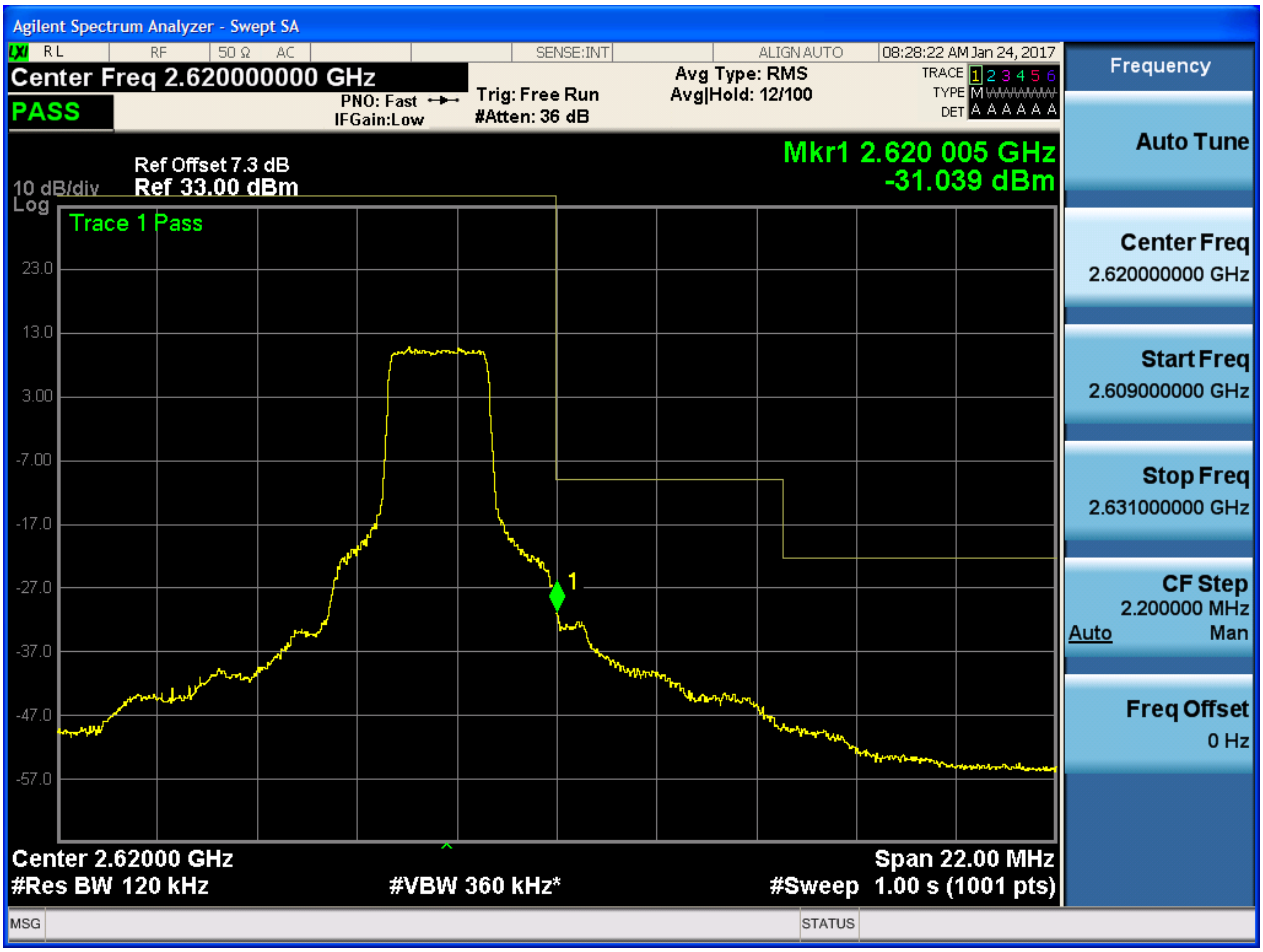
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.1.2.2 Test RB = RB1#24

5.1.1.1.1.2.3 Test RB = RB12#6



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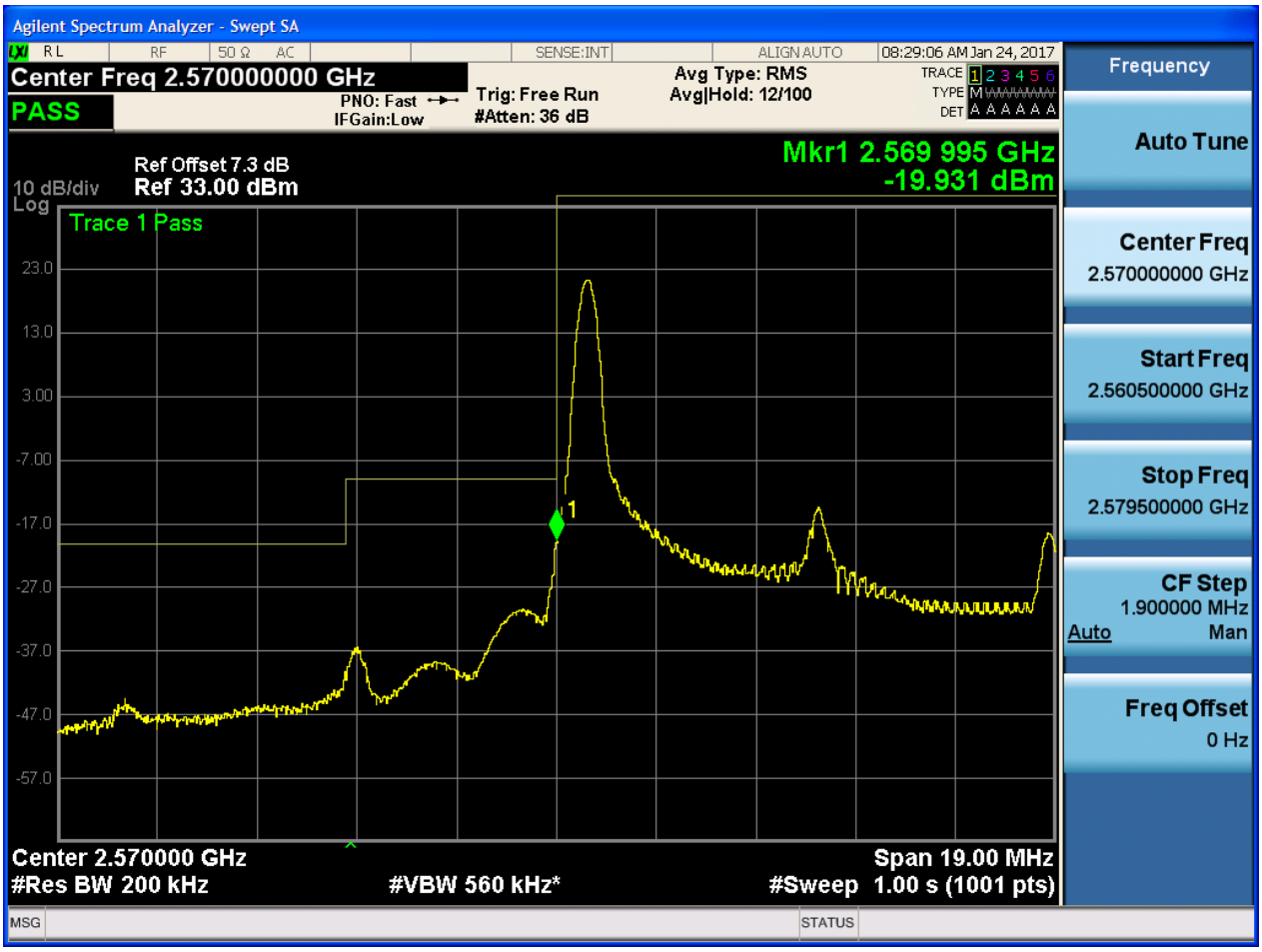
5.1.1.1.1.2.4 Test RB = RB25#0

5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



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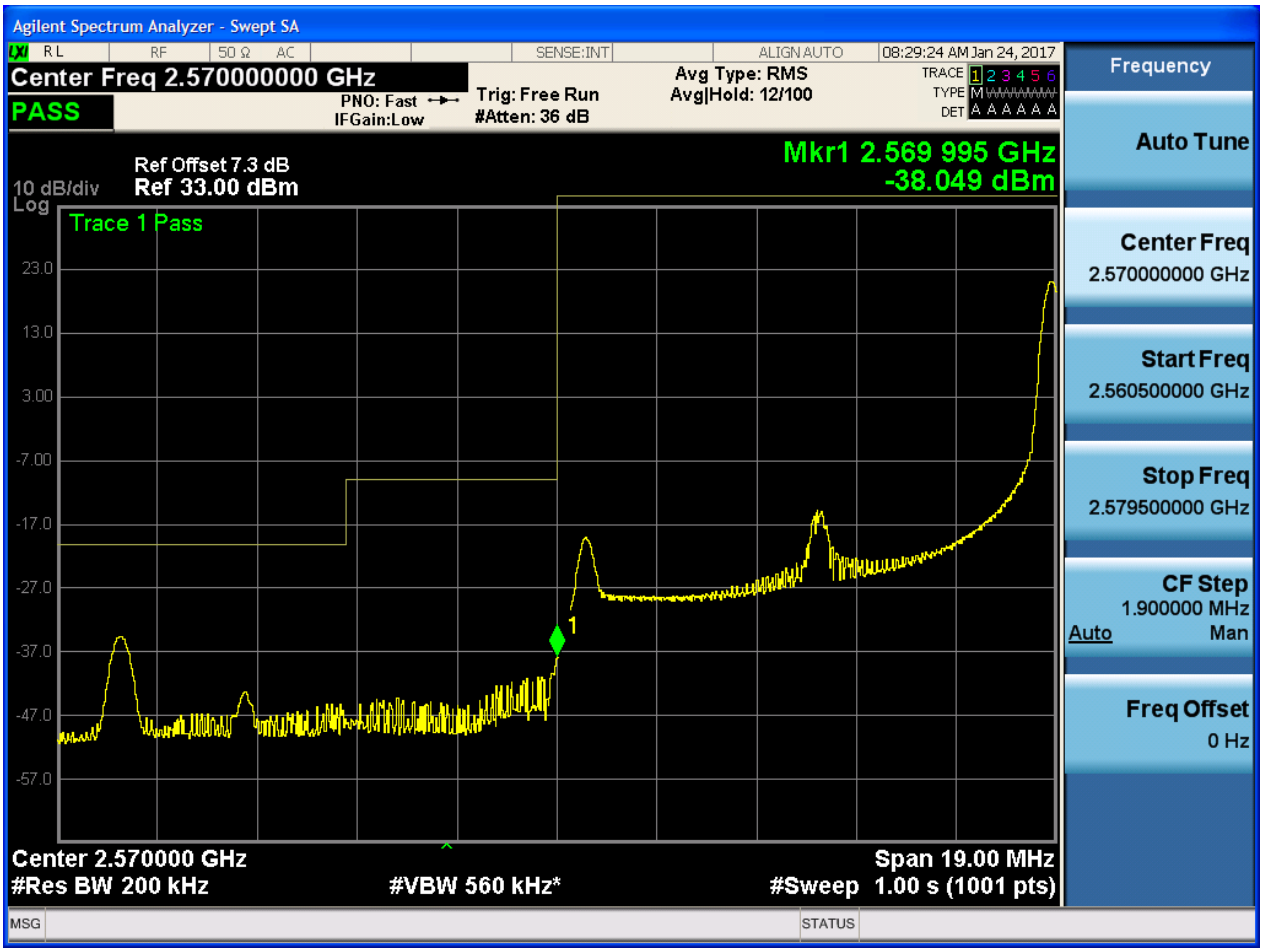
5.1.1.1.2.1.2 Test RB = RB1#49



5.1.1.1.2.1.3 Test RB = RB25#13

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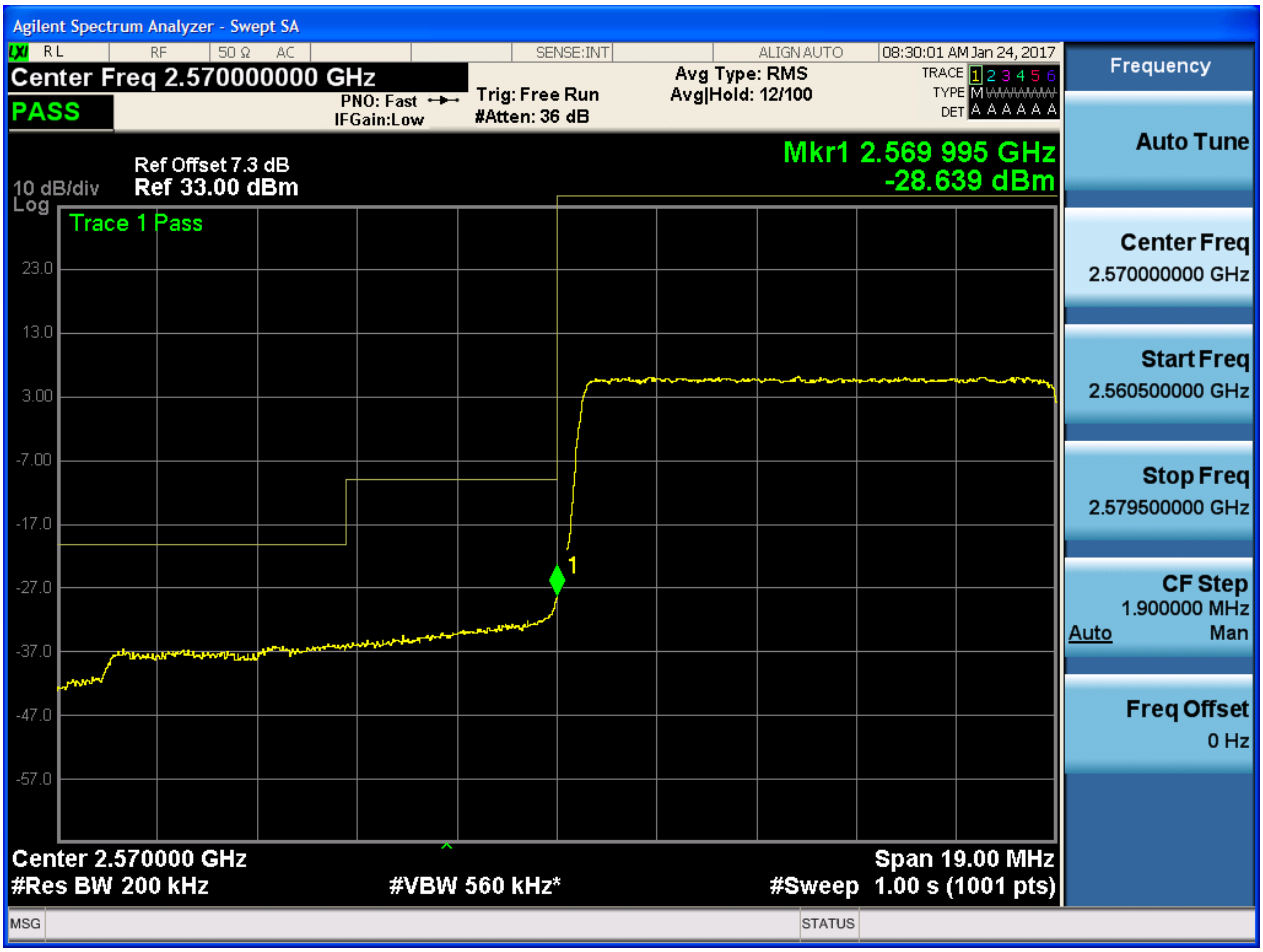
5.1.1.1.2.1.4 Test RB = RB50#0



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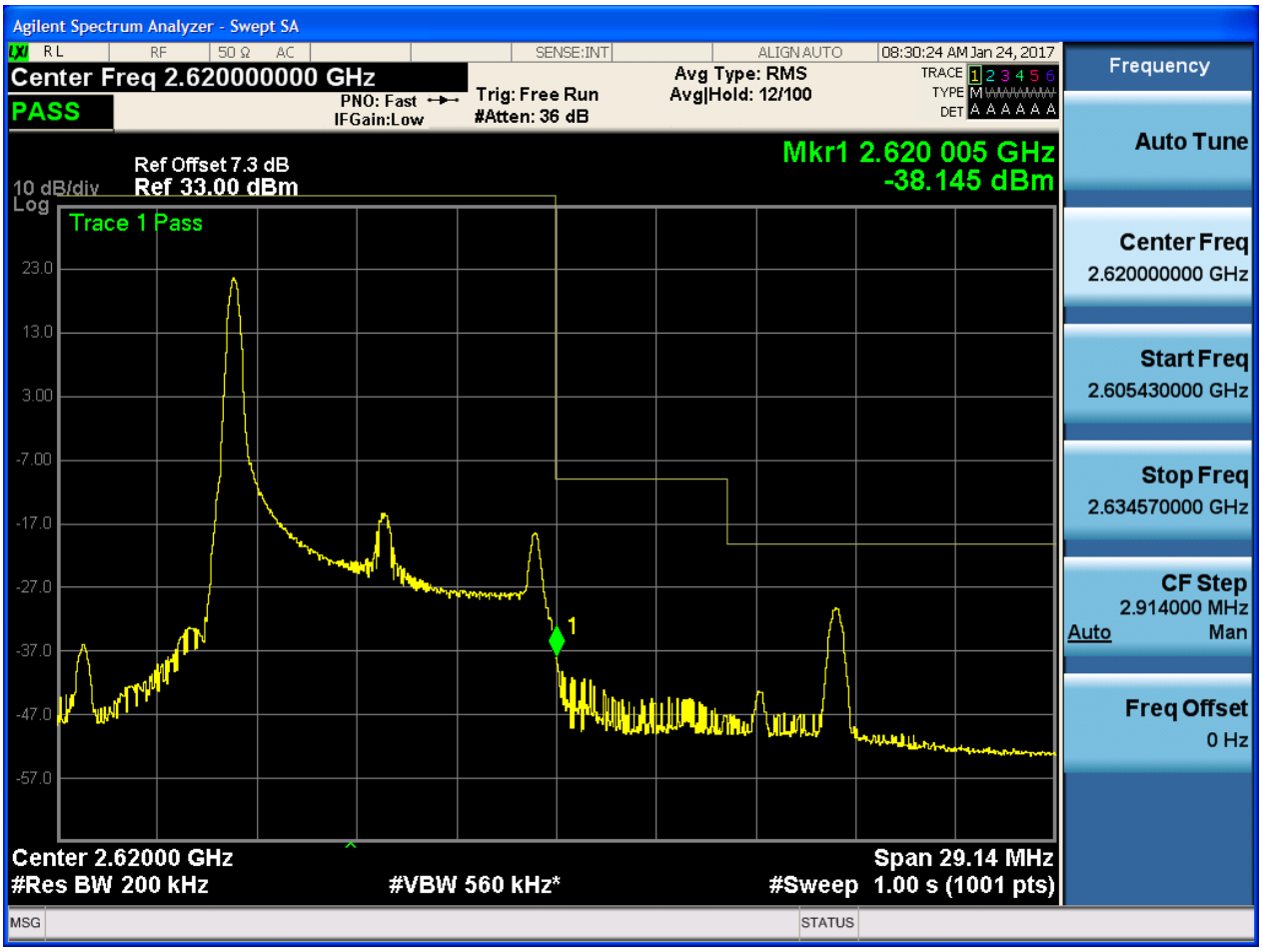
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



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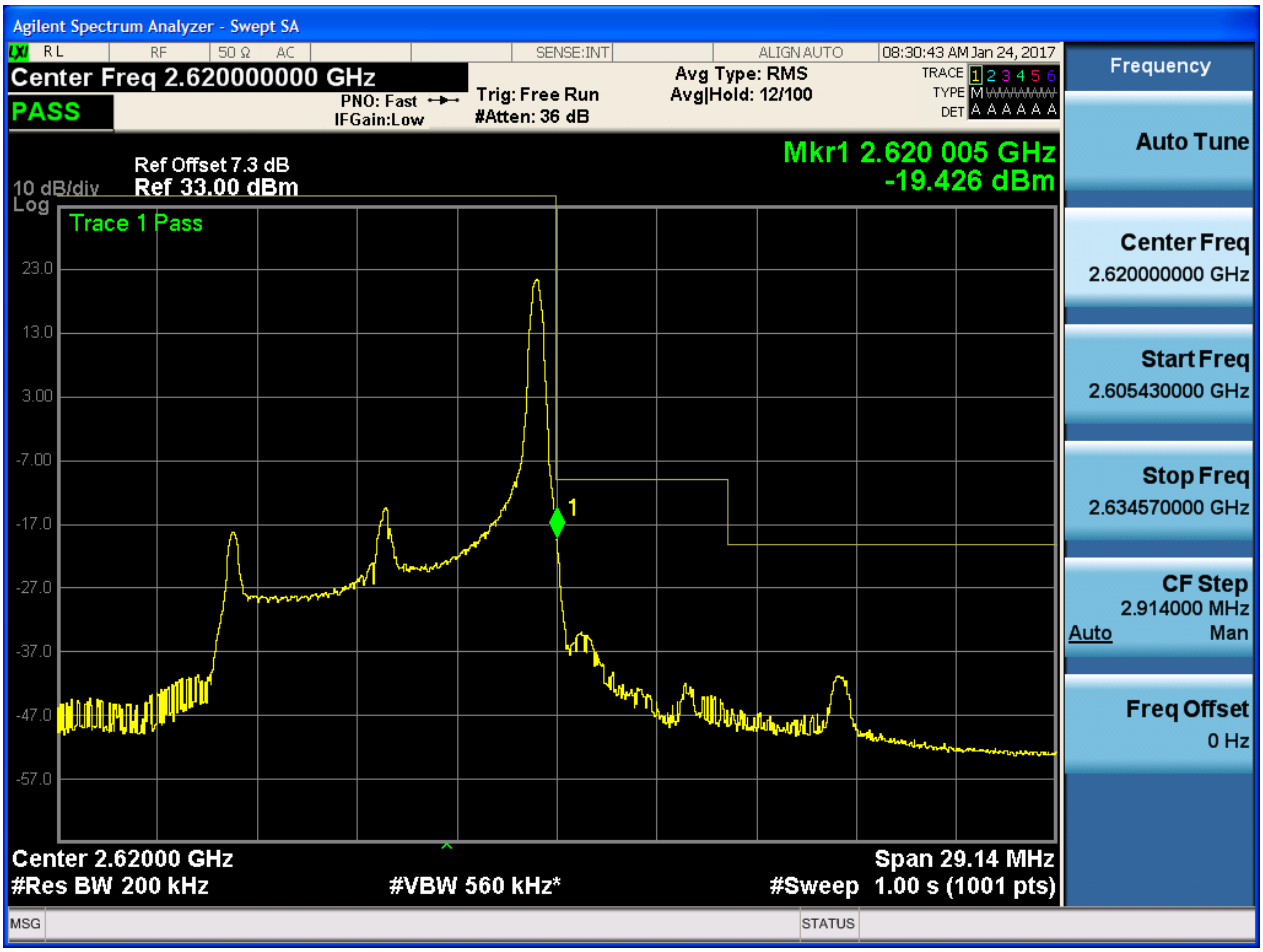
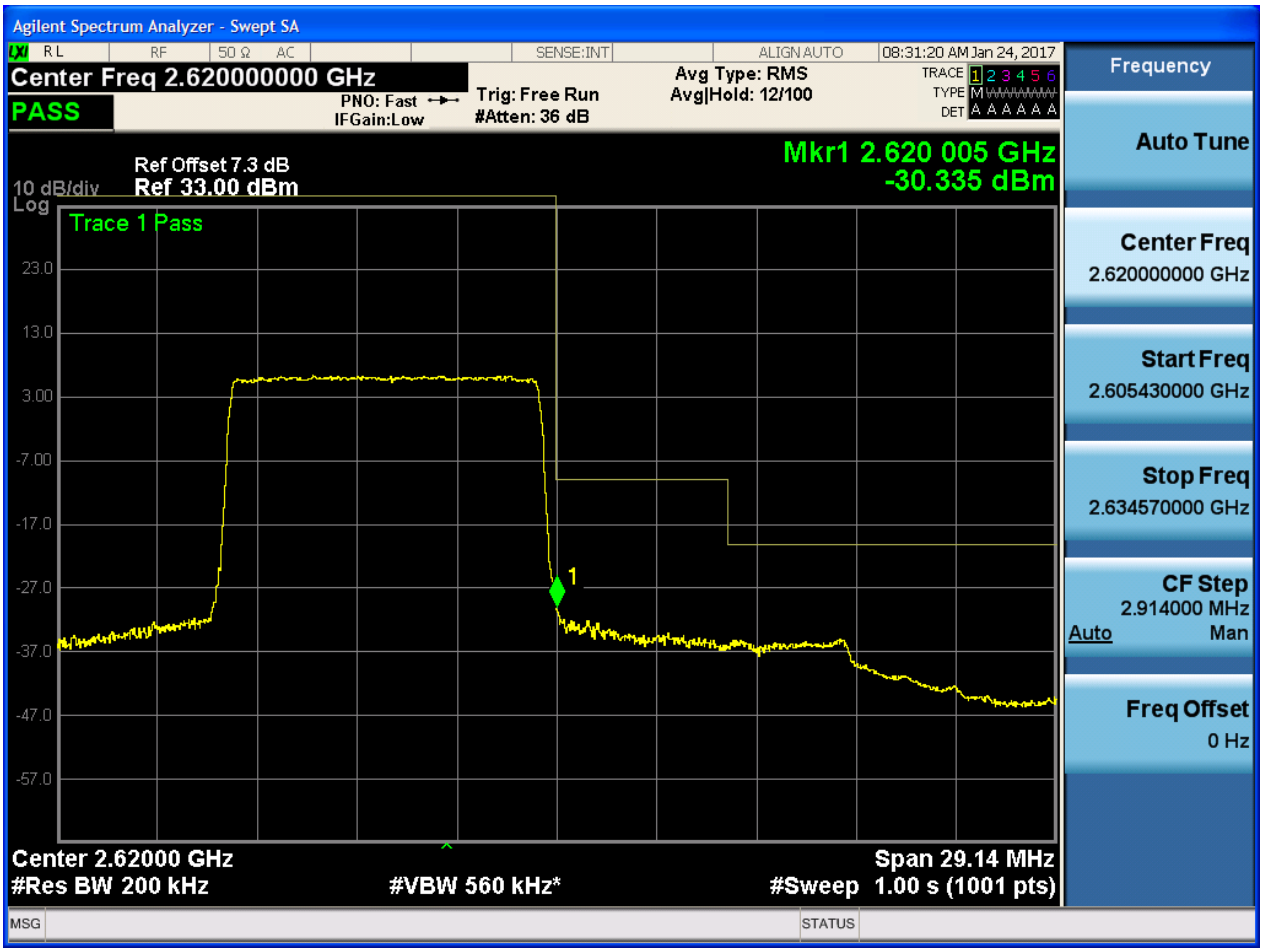
5.1.1.1.2.2.2 Test RB = RB1#49



5.1.1.1.2.2.3 Test RB = RB25#13

5.1.1.1.2.2.4 Test RB = RB50#0



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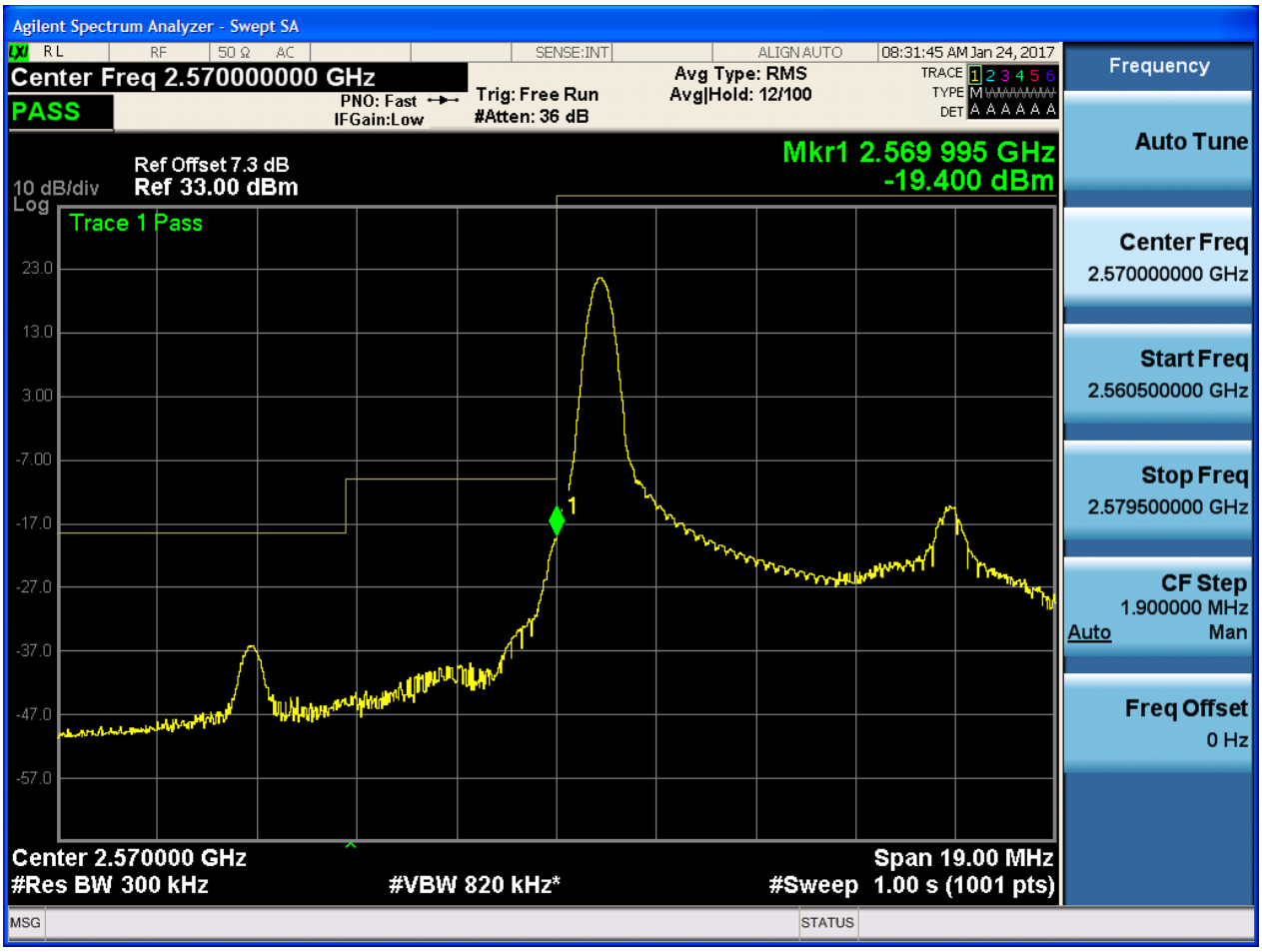
5.1.1.1.3 Test Bandwidth = 15

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



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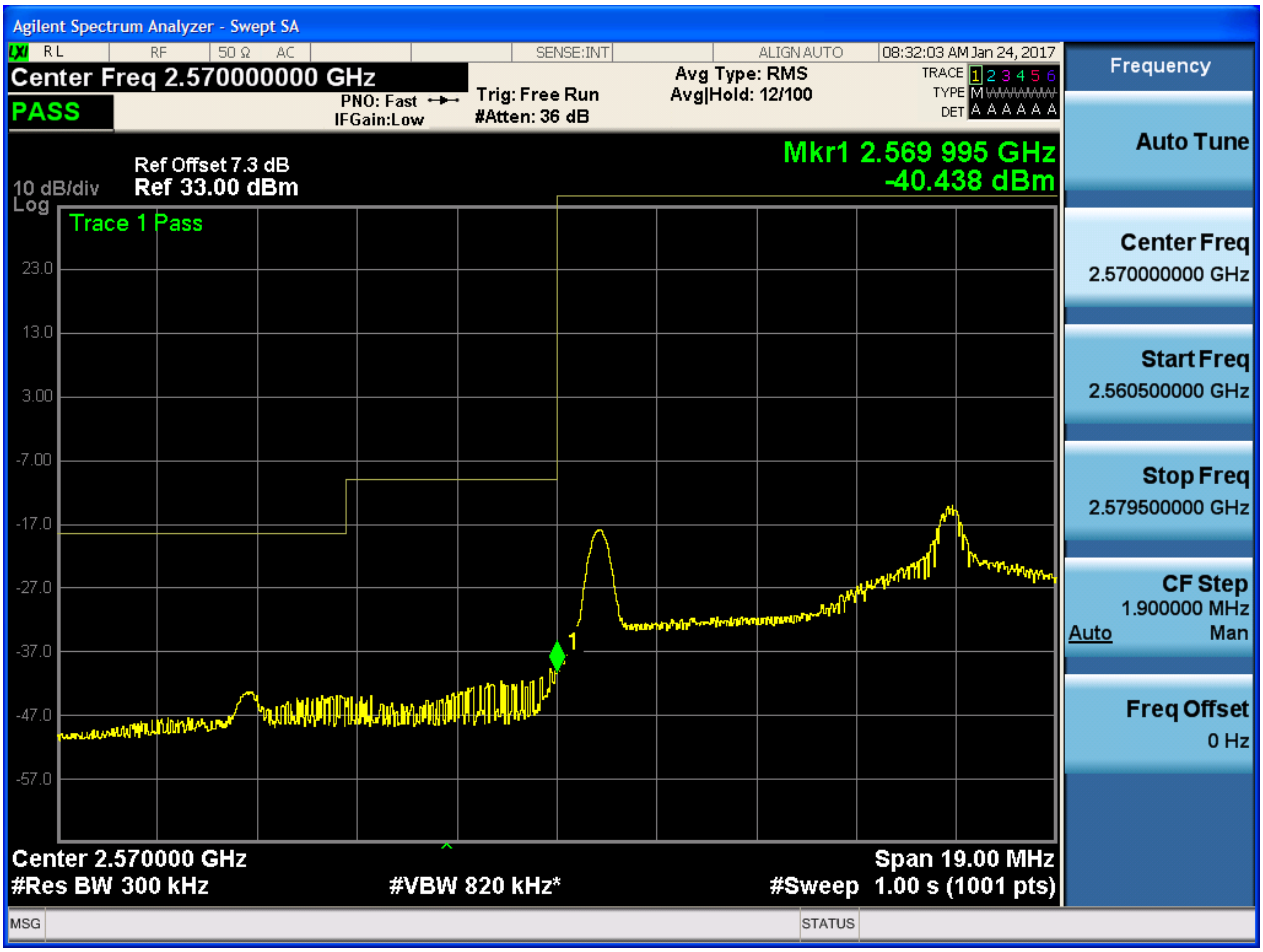
5.1.1.1.3.1.2 Test RB = RB1#74



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5.1.1.1.3.1.3 Test RB = RB36#18

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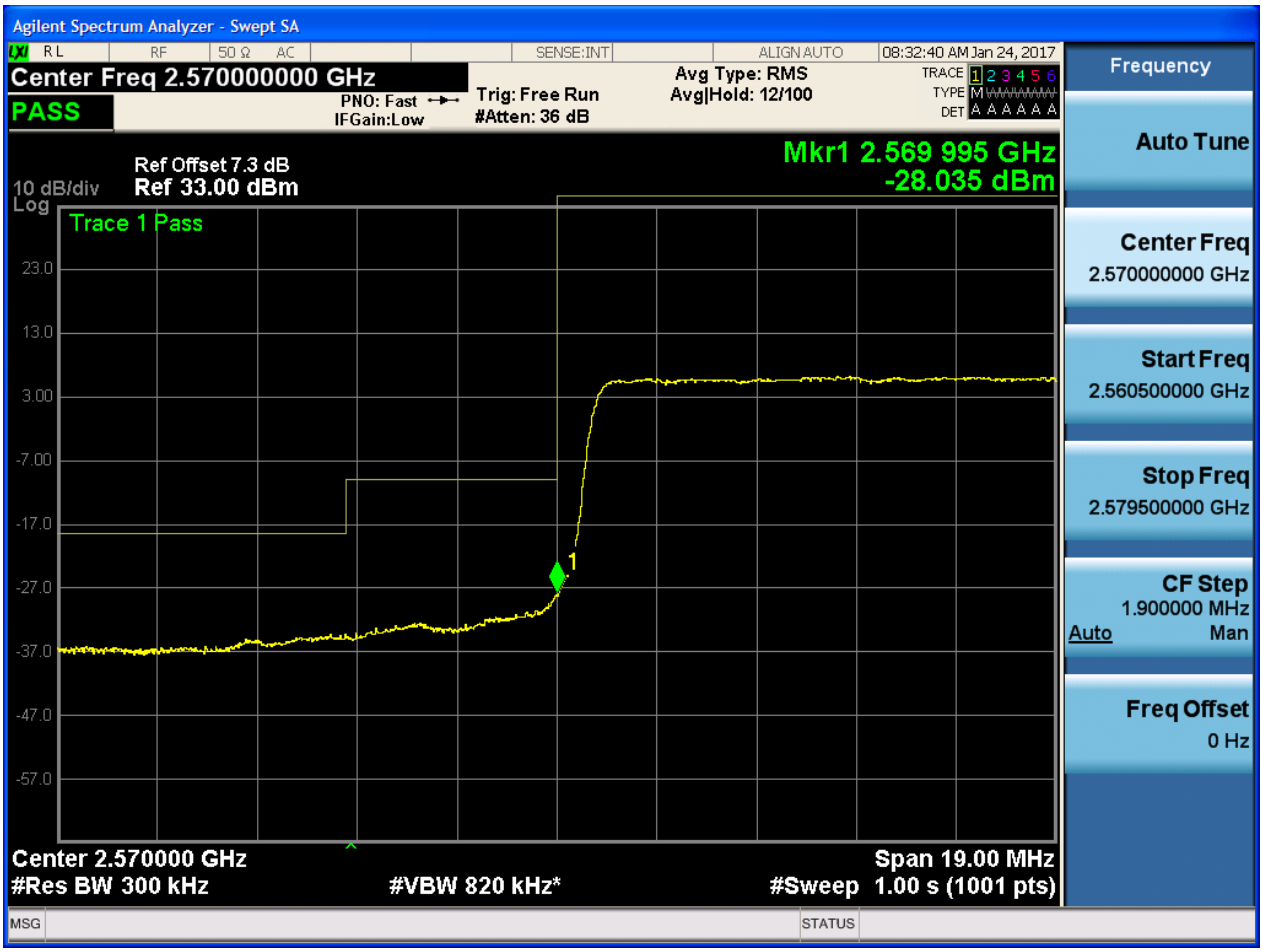
5.1.1.1.3.1.4 Test RB = RB75#0



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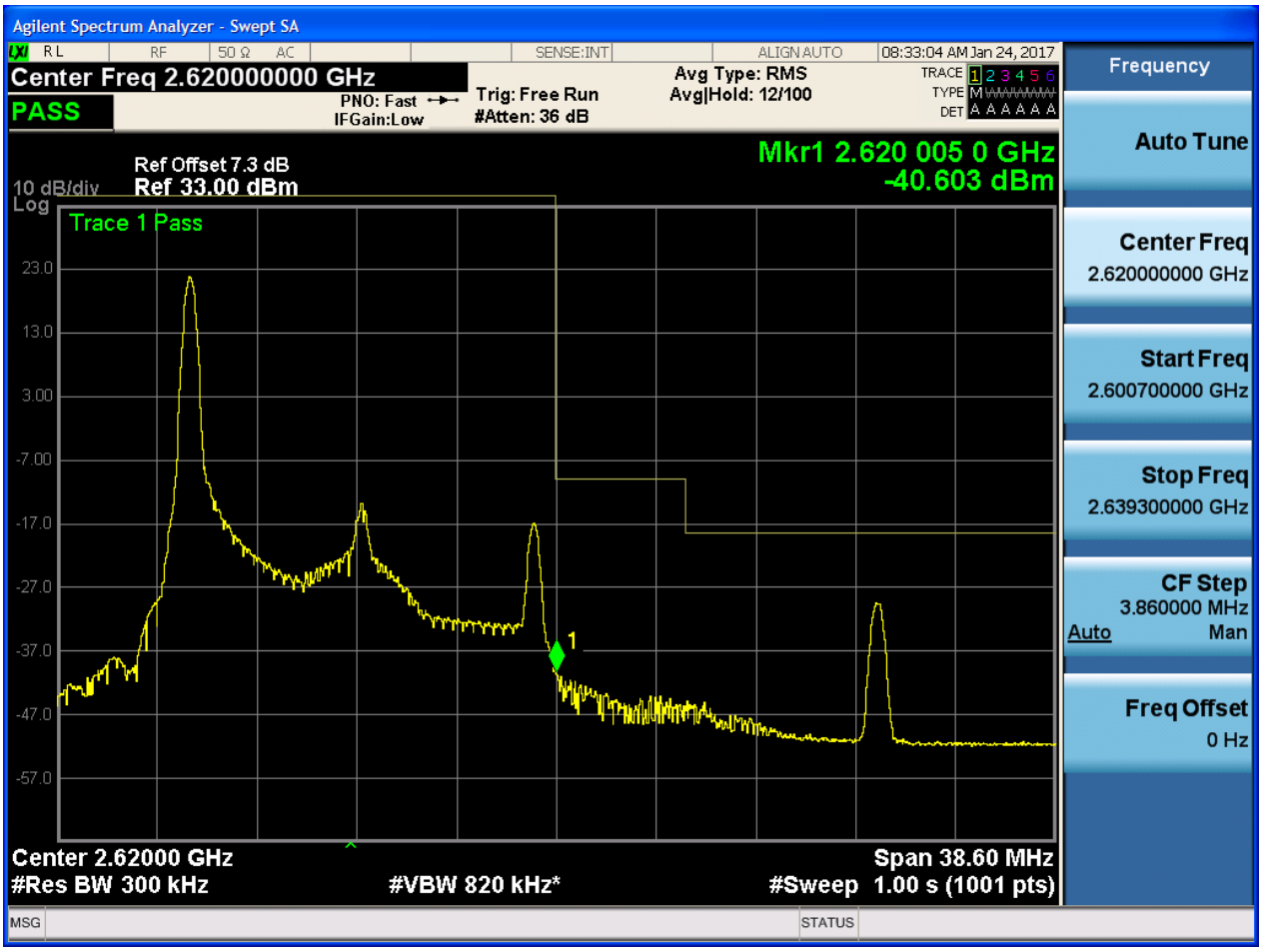
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



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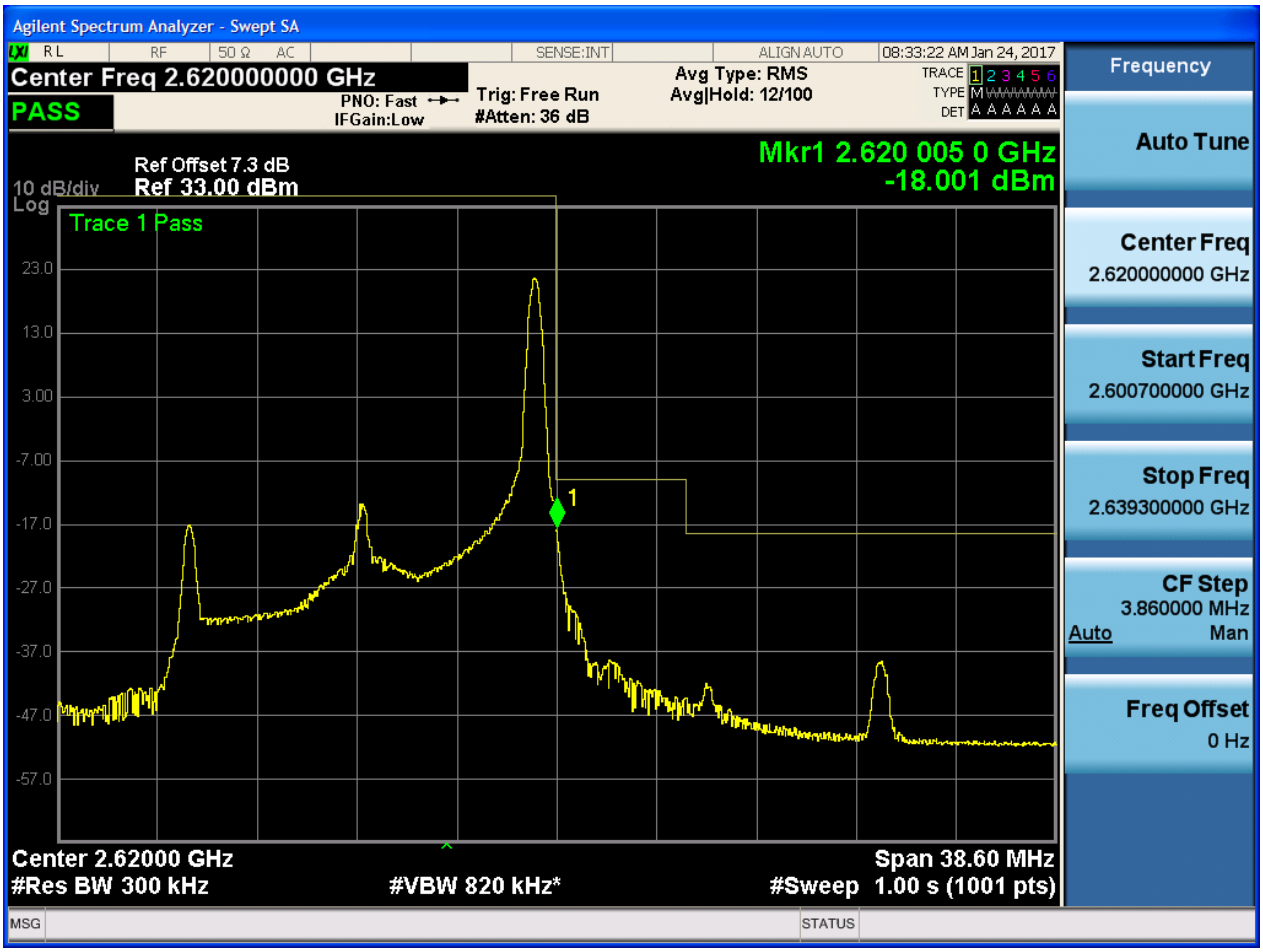
5.1.1.1.3.2.2 Test RB = RB1#74



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5.1.1.1.3.2.3 Test RB = RB36#18

5.1.1.1.3.2.4 Test RB = RB75#0

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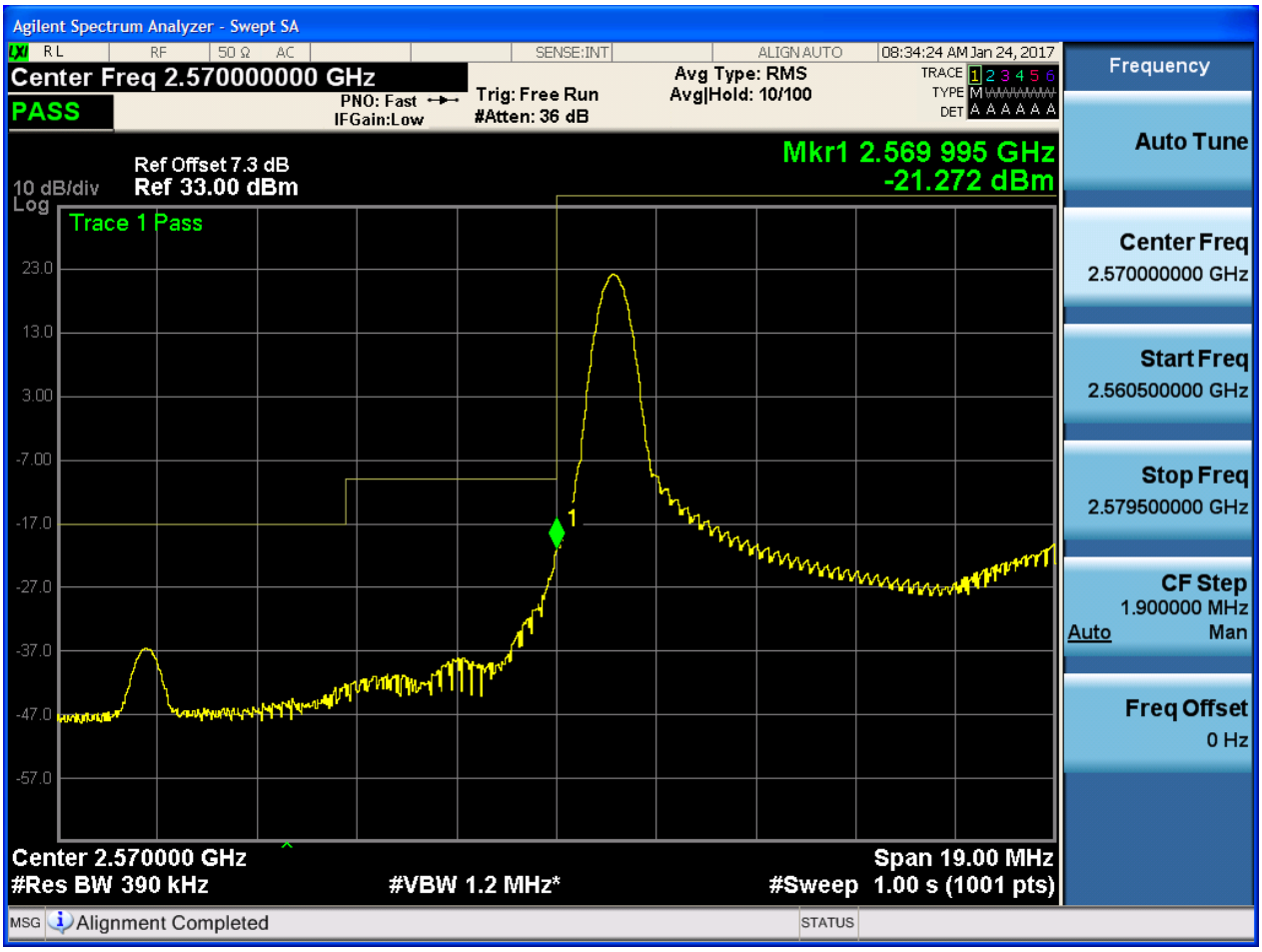
5.1.1.1.4 Test Bandwidth = 20

5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



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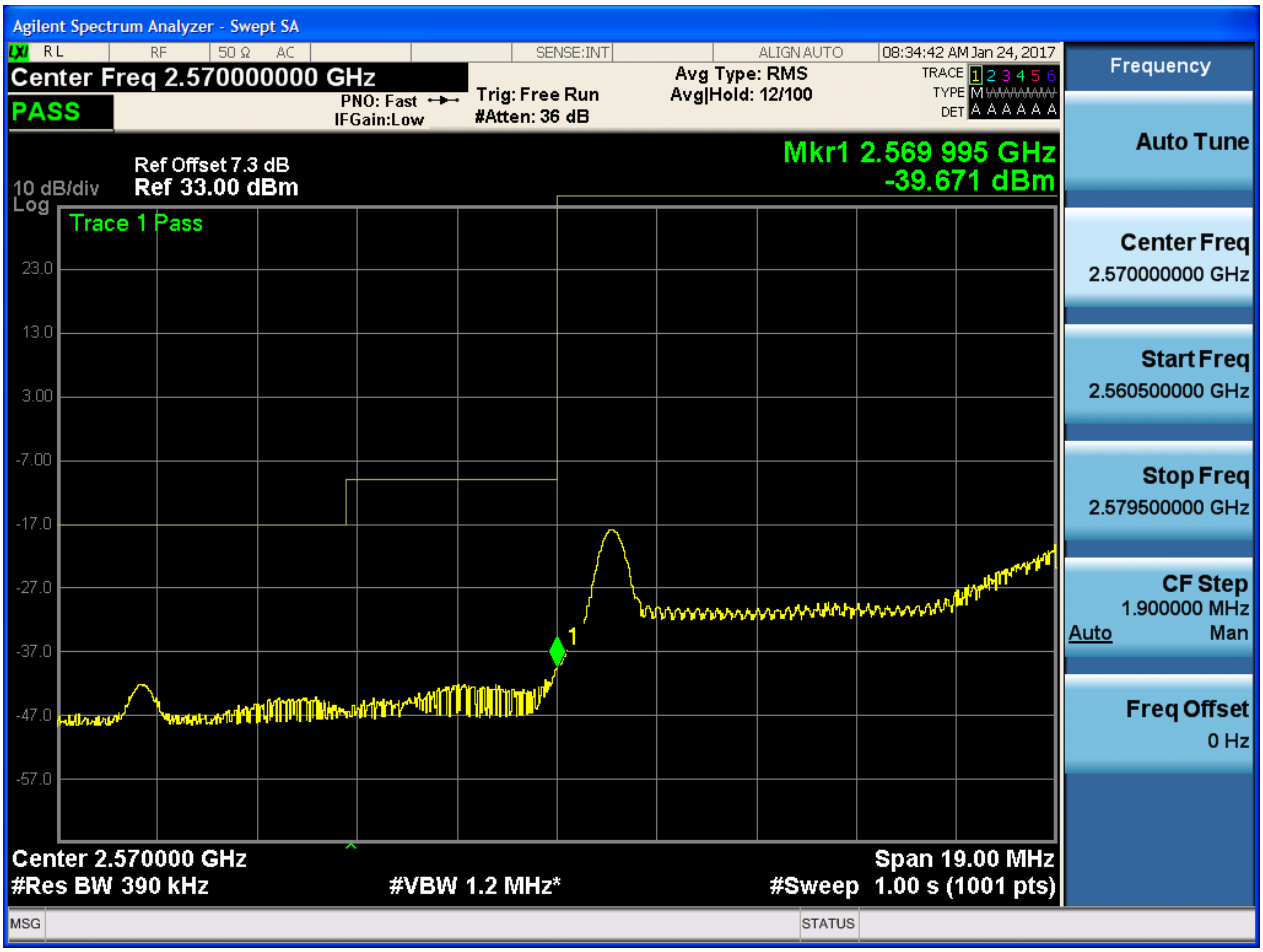
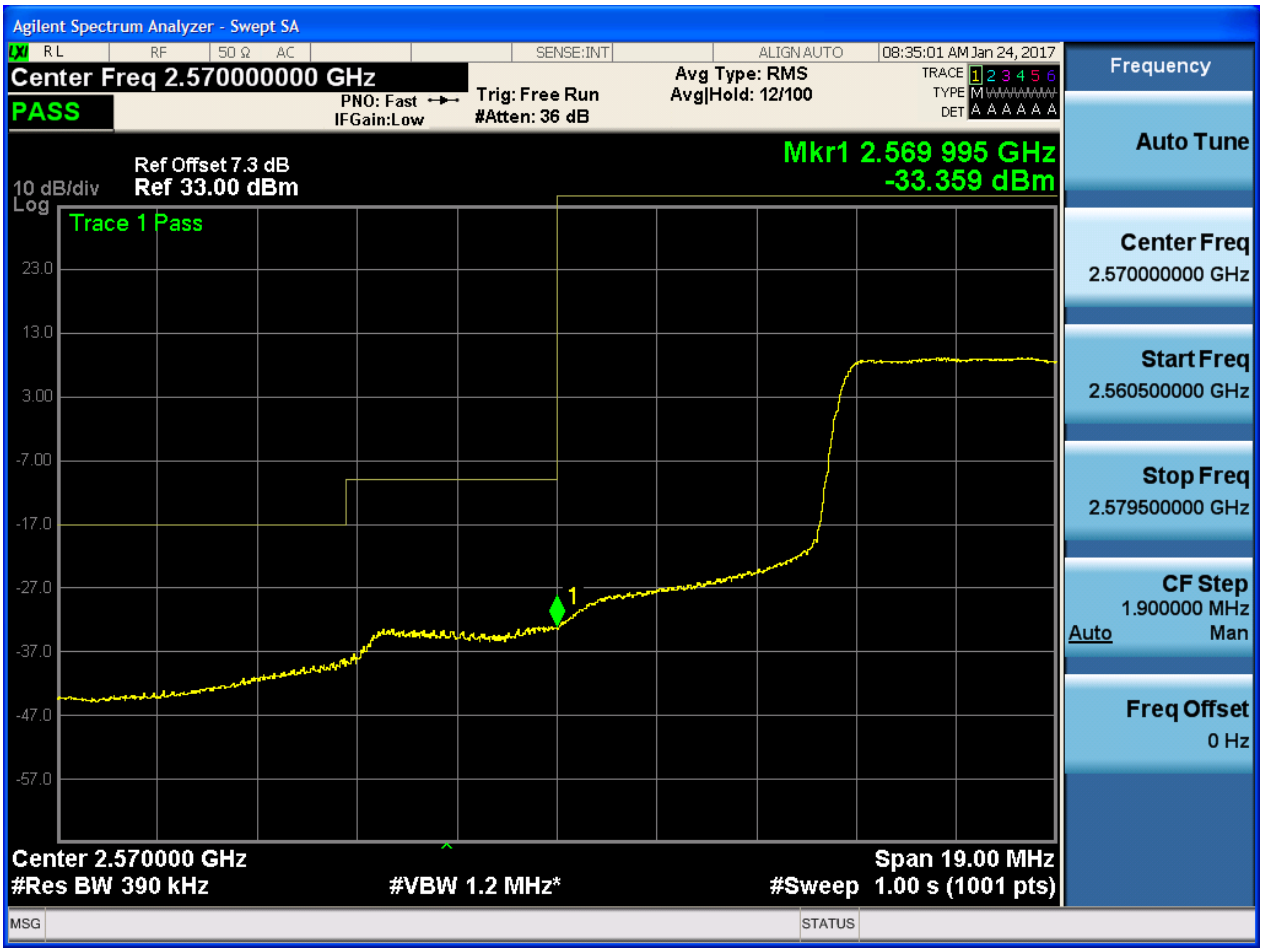
5.1.1.1.4.1.2 Test RB = RB1#99



5.1.1.1.4.1.3 Test RB = RB50#25



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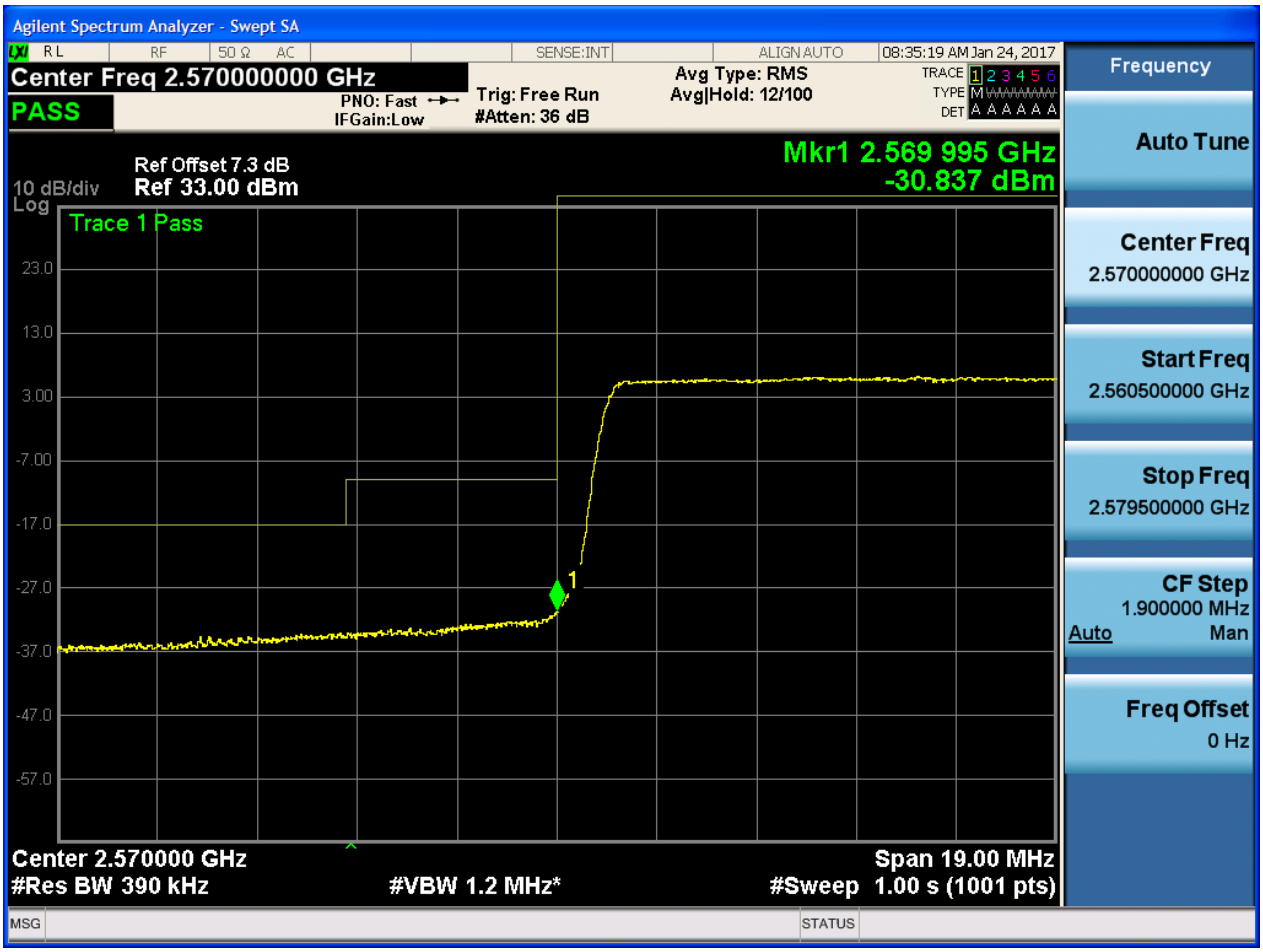
5.1.1.1.4.1.4 Test RB = RB100#0



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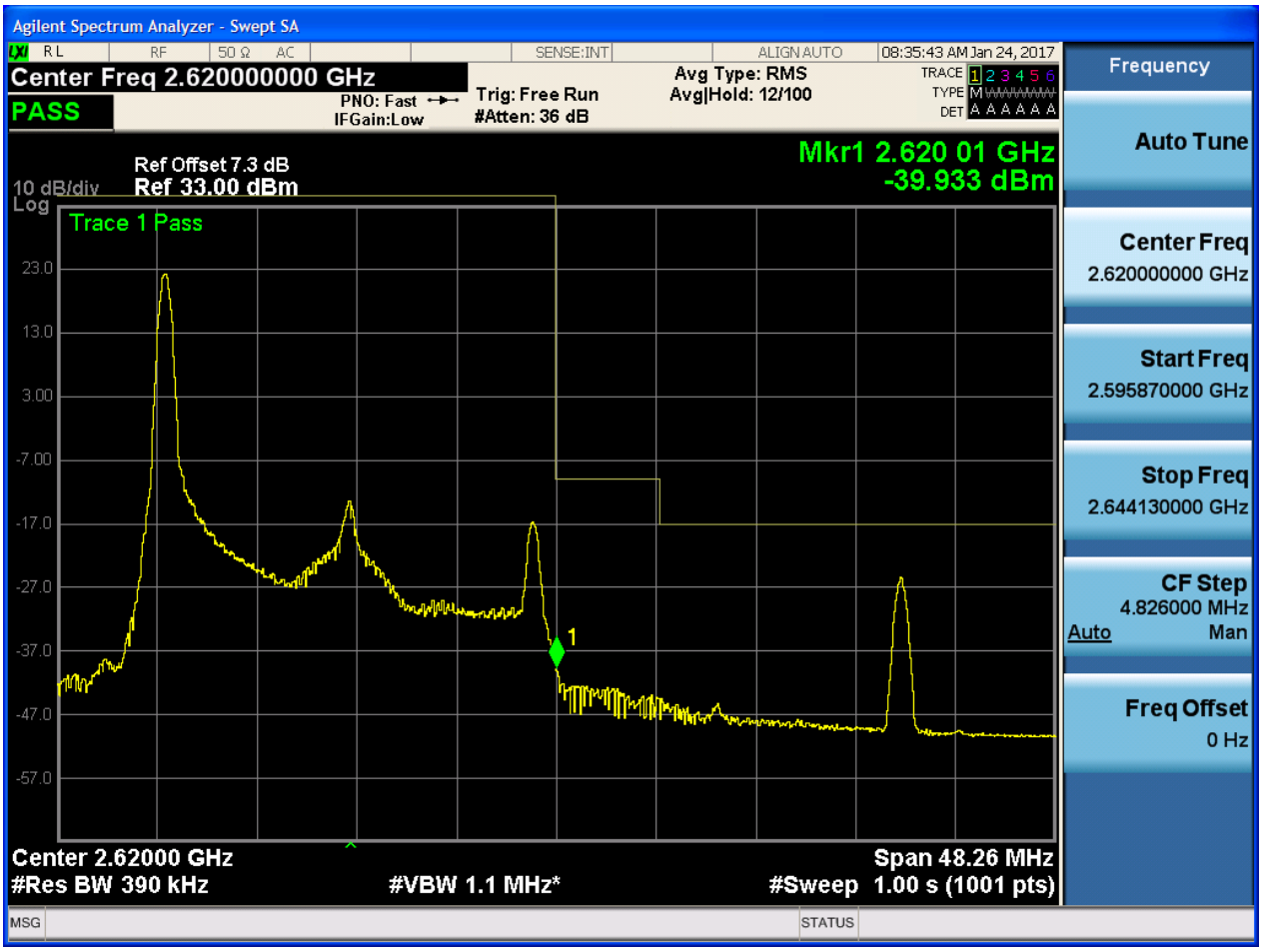
5.1.1.1.4.2 Test Channel = HCH

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#99

5.1.1.1.4.2.3 Test RB = RB50#25

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5.1.1.1.4.2.4 Test RB = RB100#0

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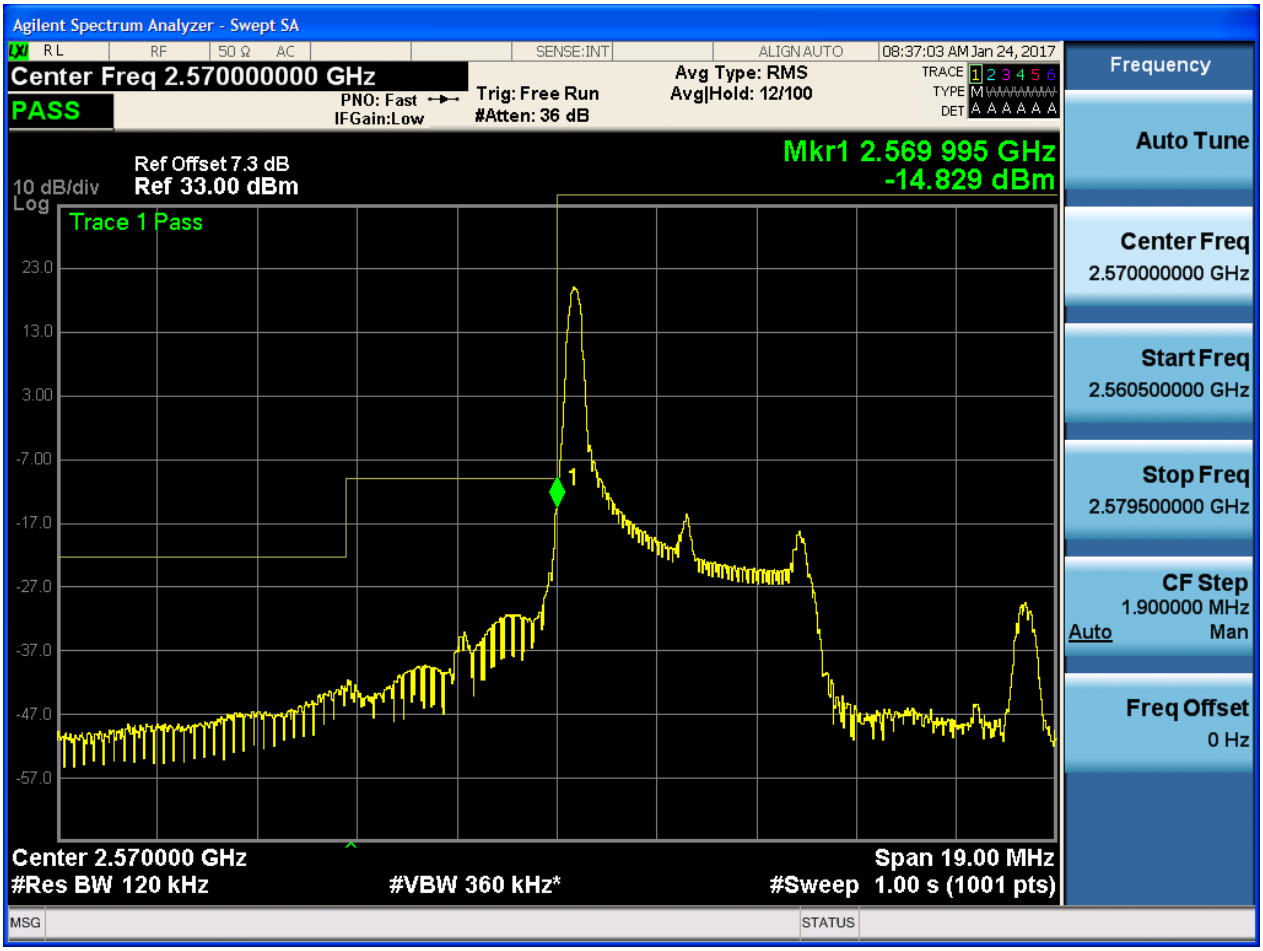
5.1.1.2 Test Mode = LTE/TM2

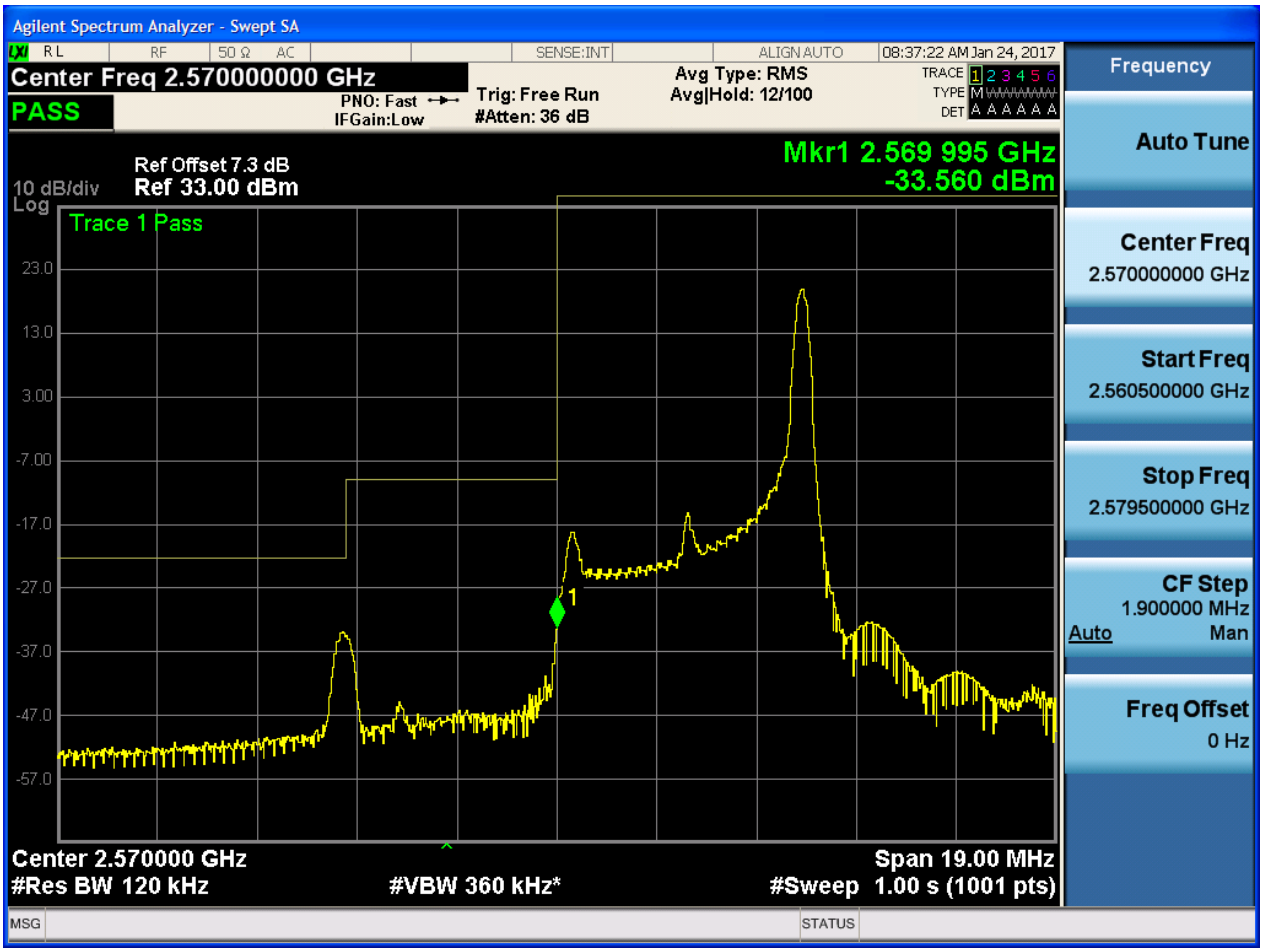
5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



5.1.1.2.1.1.2 Test RB = RB1#24



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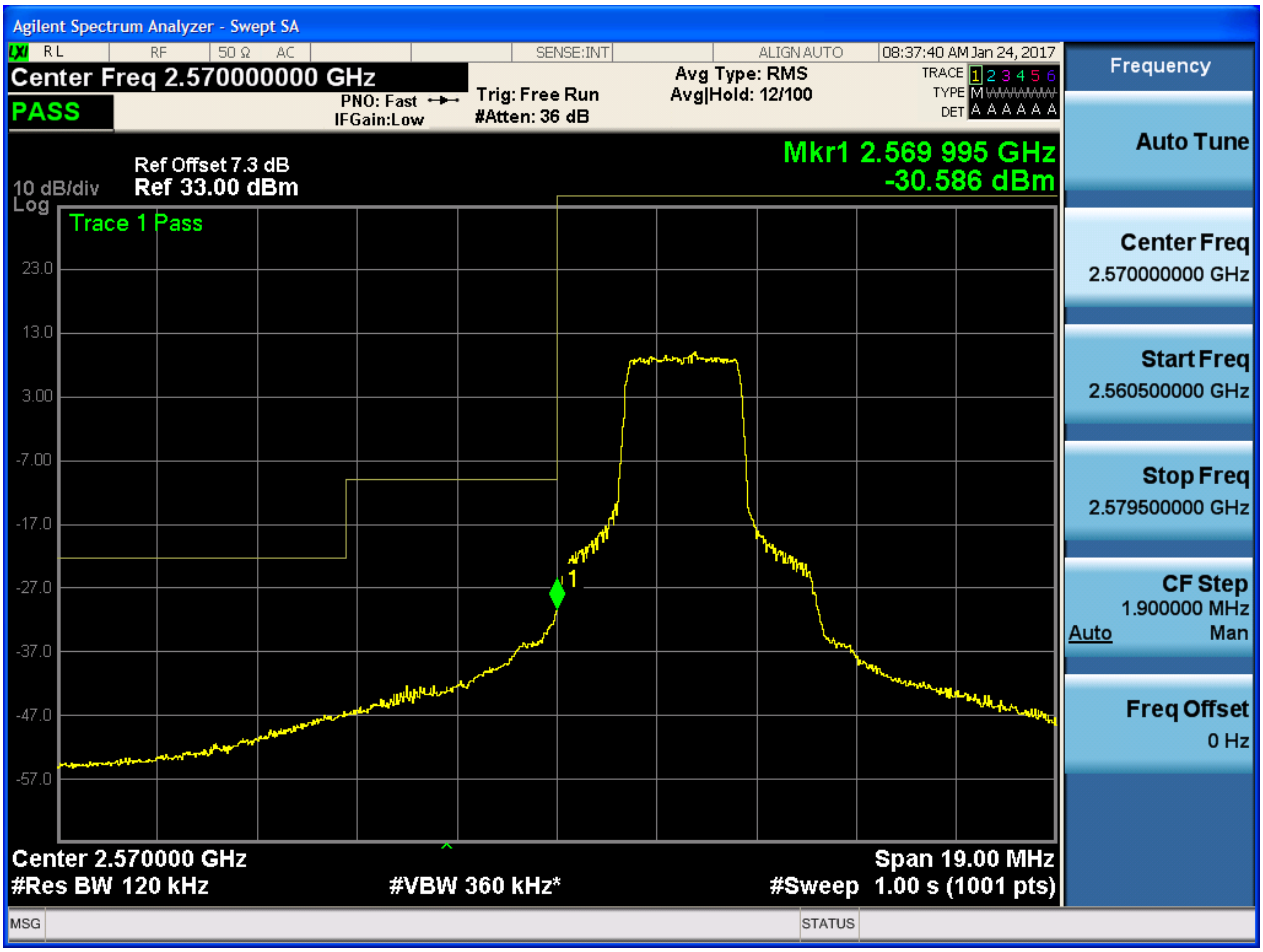
5.1.1.2.1.1.3 Test RB = RB12#6



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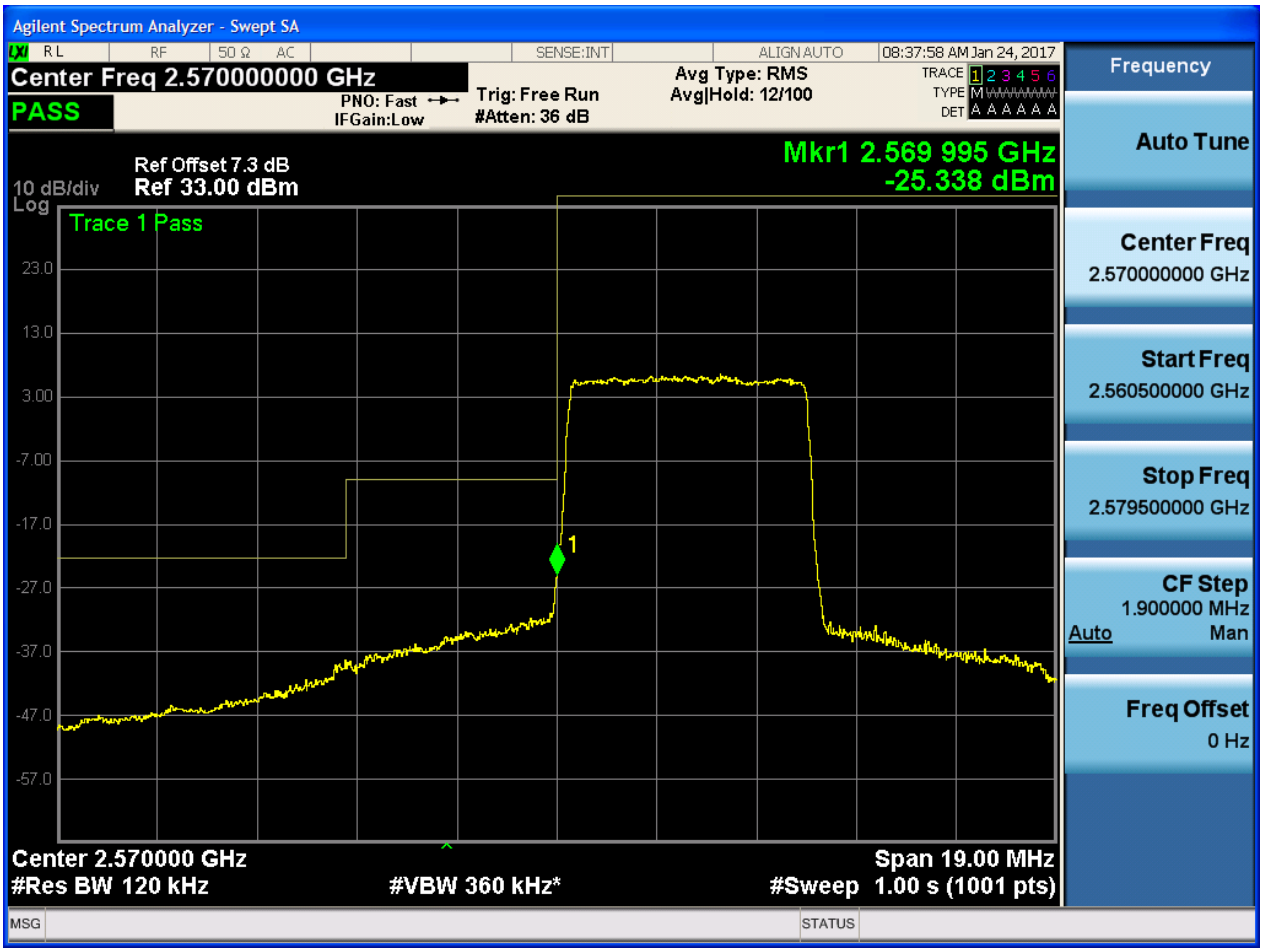
5.1.1.2.1.1.4 Test RB = RB25#0



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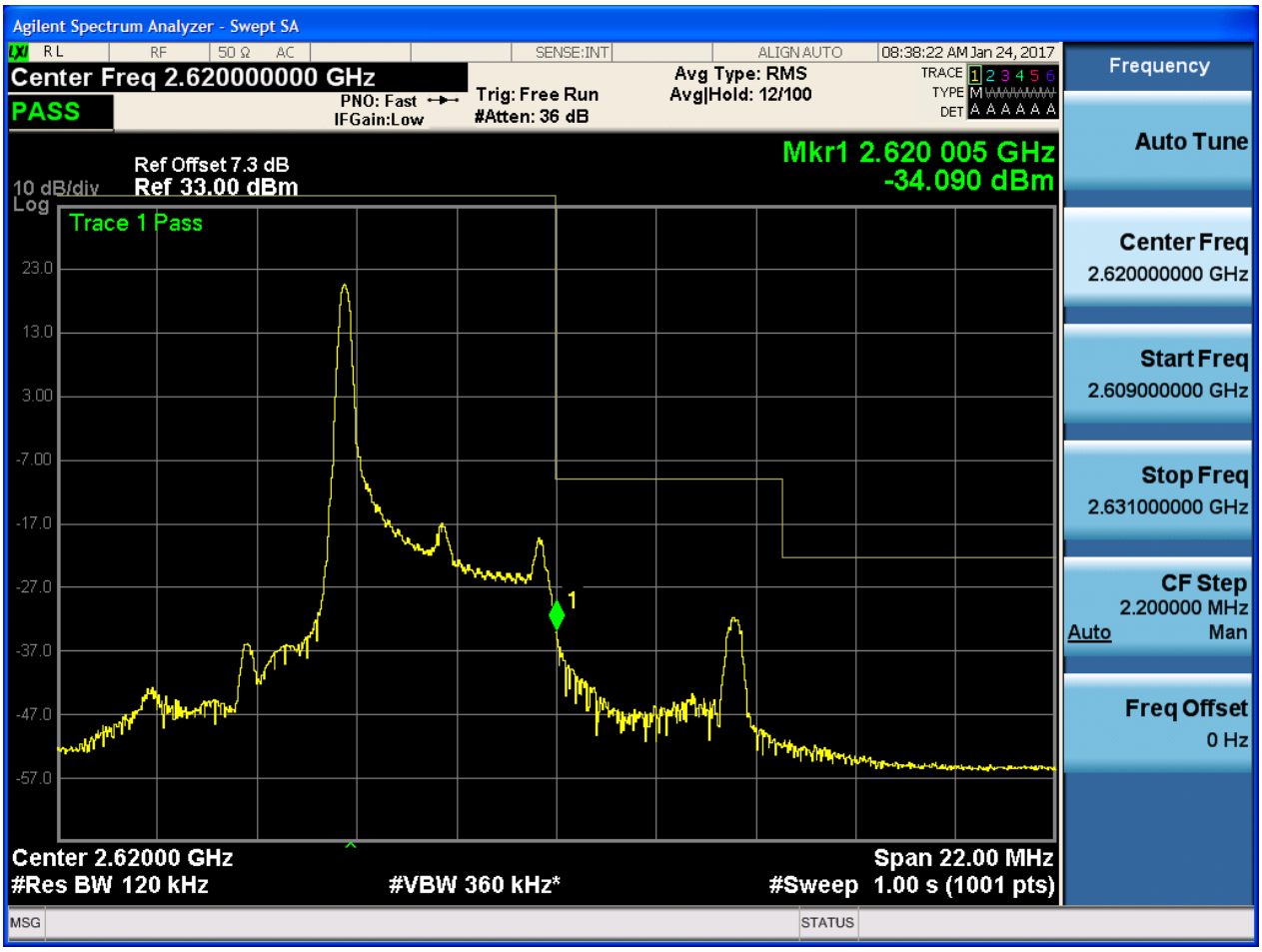
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



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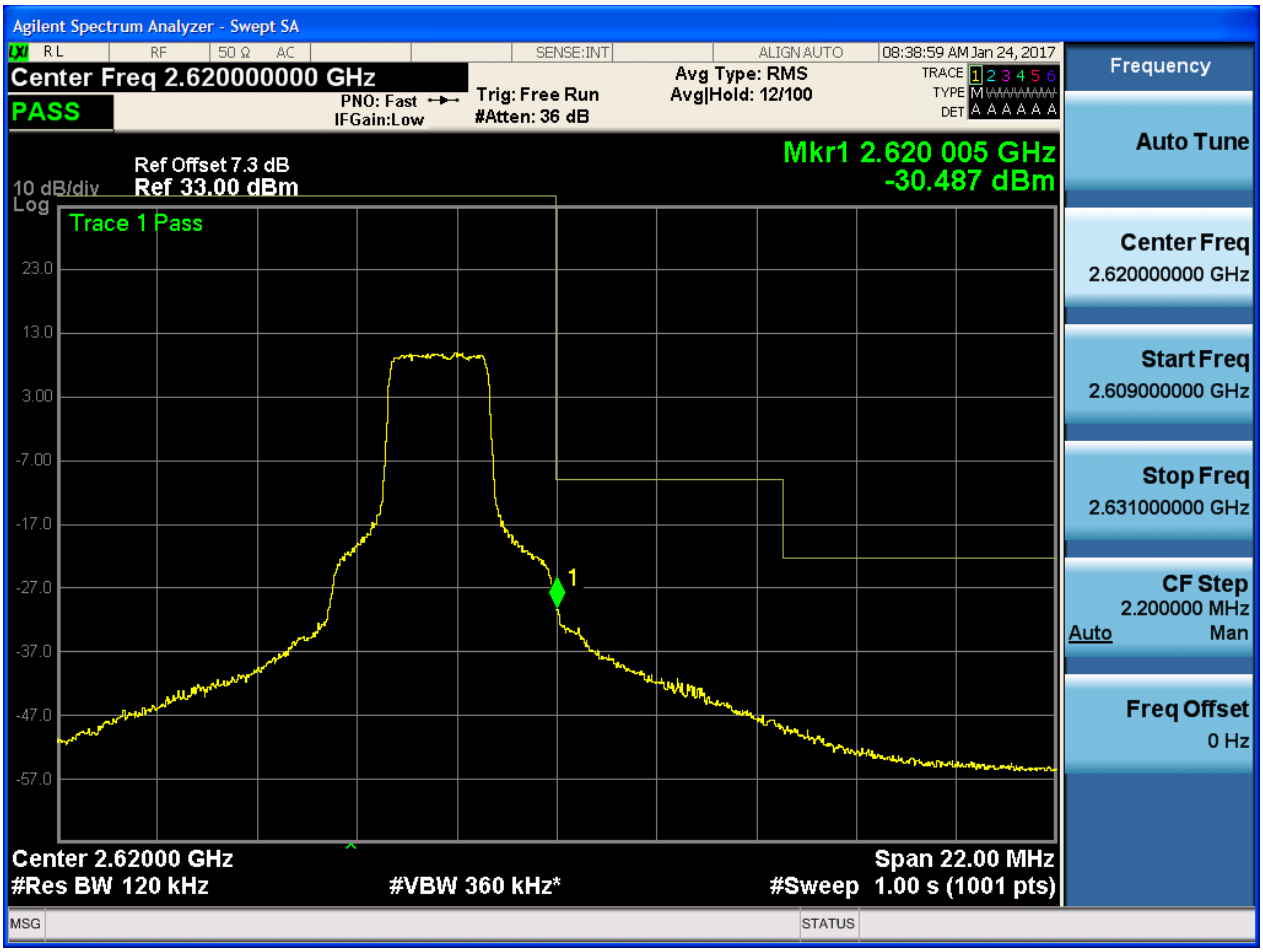
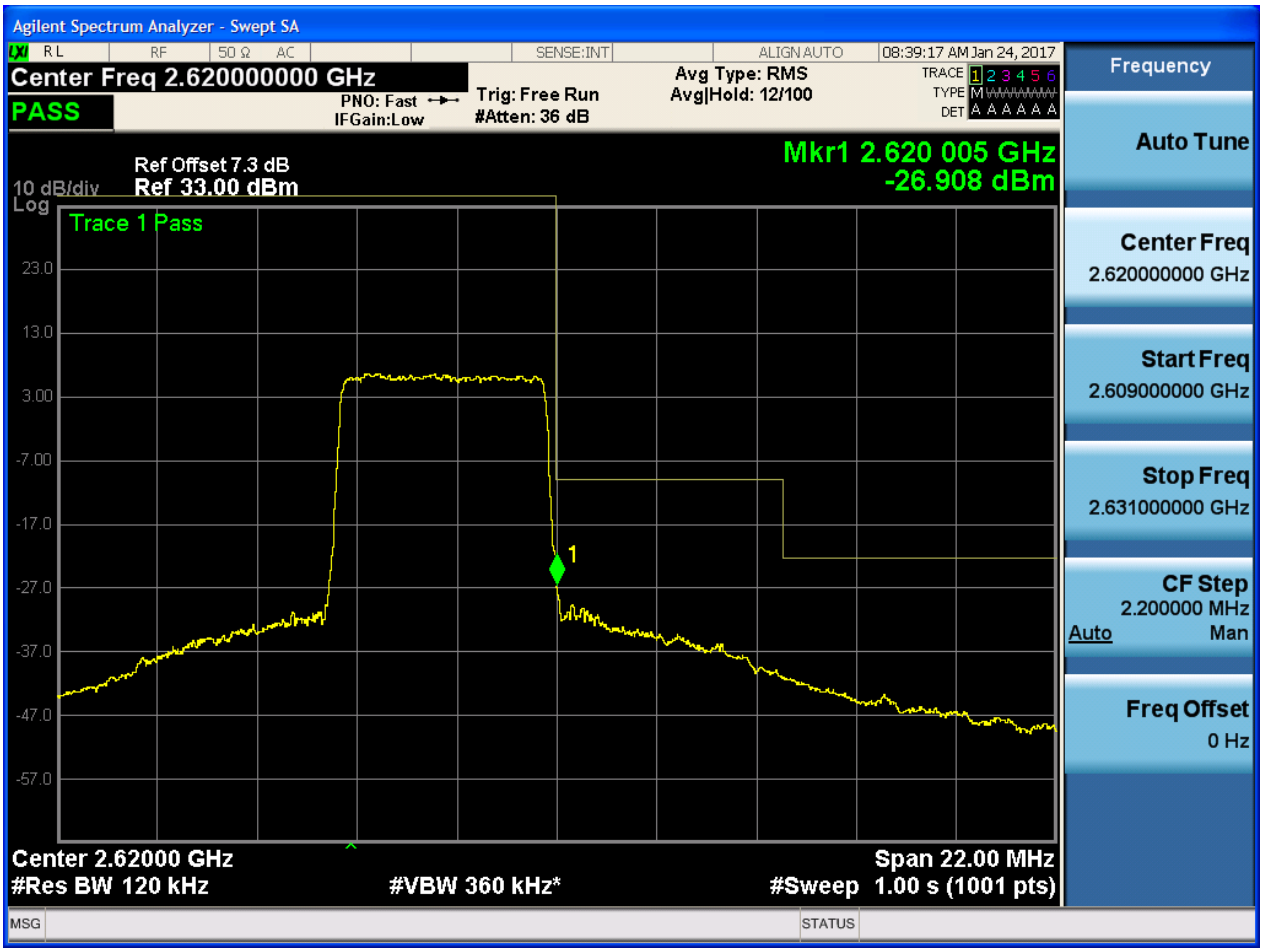
5.1.1.2.1.2.2 Test RB = RB1#24

5.1.1.2.1.2.3 Test RB = RB12#6



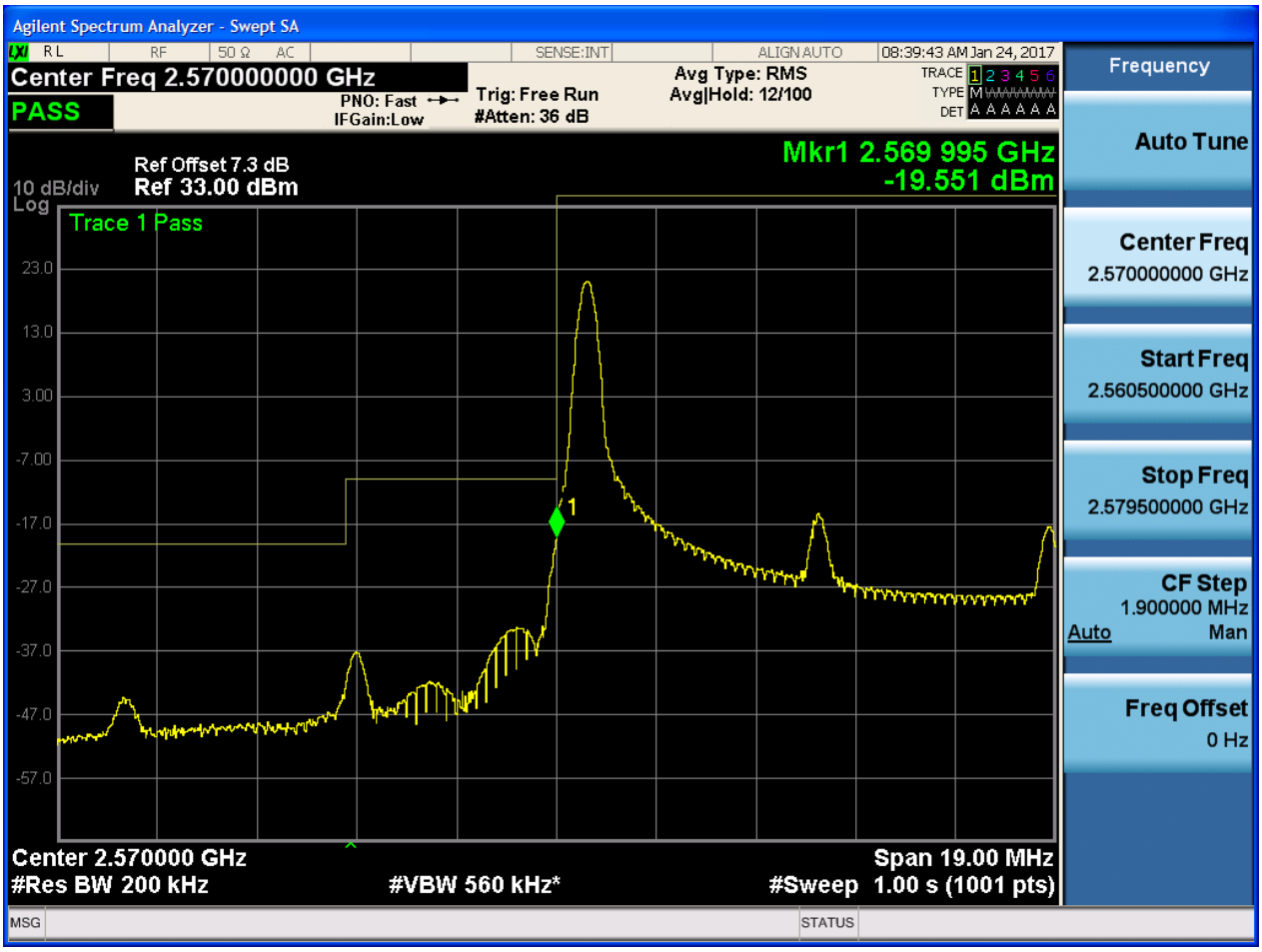
5.1.1.2.1.2.4 Test RB = RB25#0



5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



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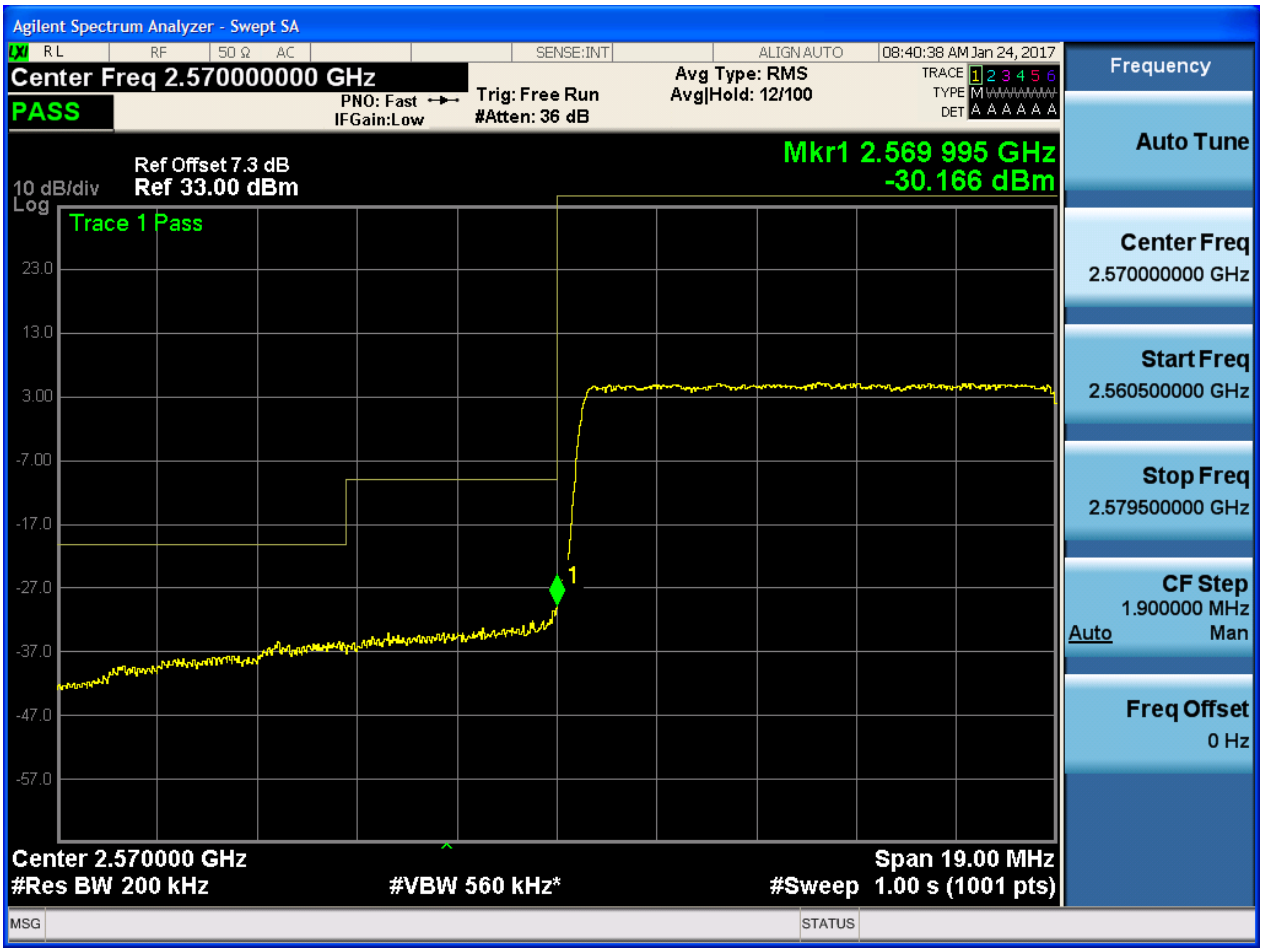
5.1.1.2.2.1.2 Test RB = RB1#49

5.1.1.2.2.1.3 Test RB = RB25#13

5.1.1.2.2.1.4 Test RB = RB50#0



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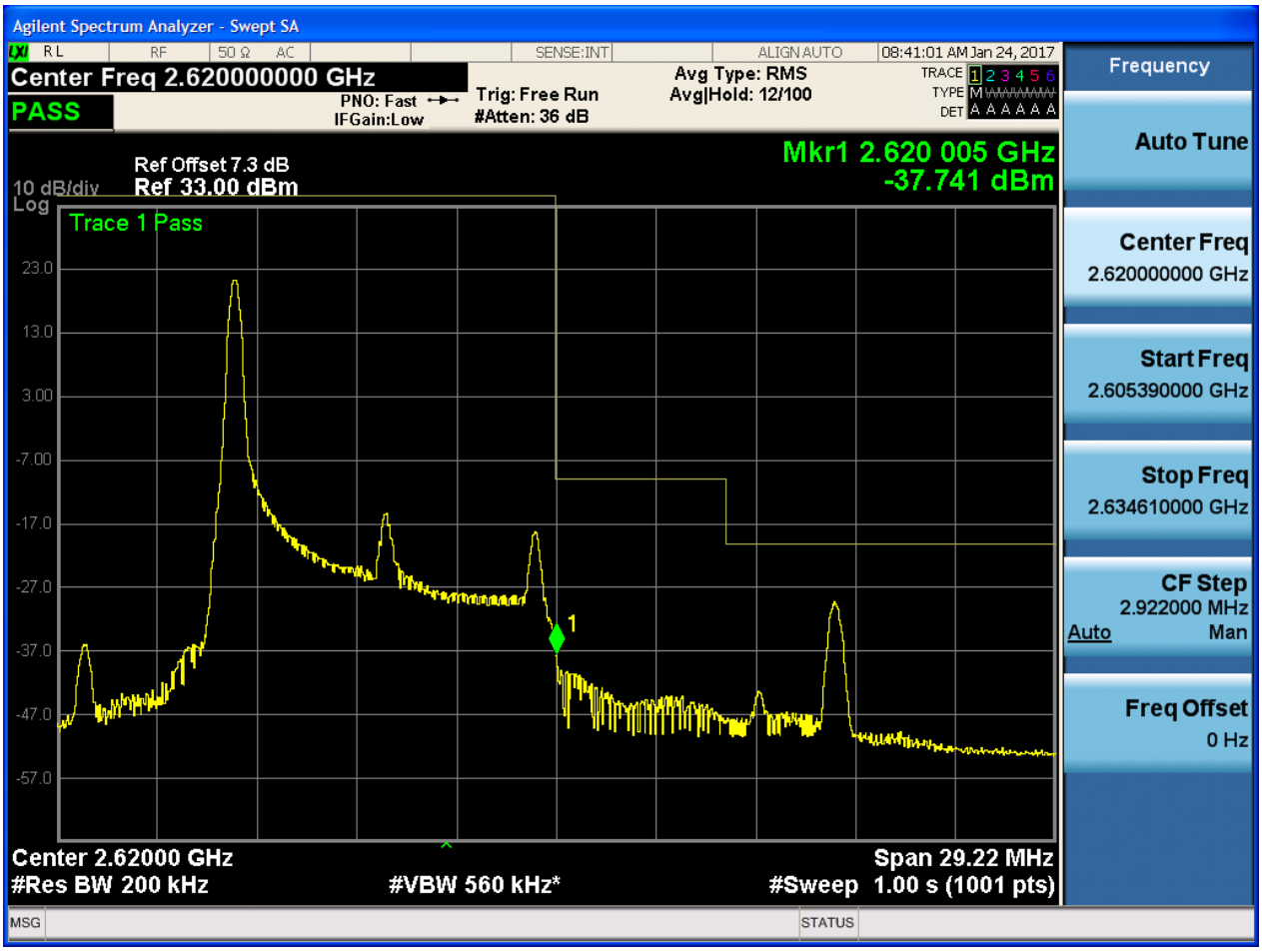
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



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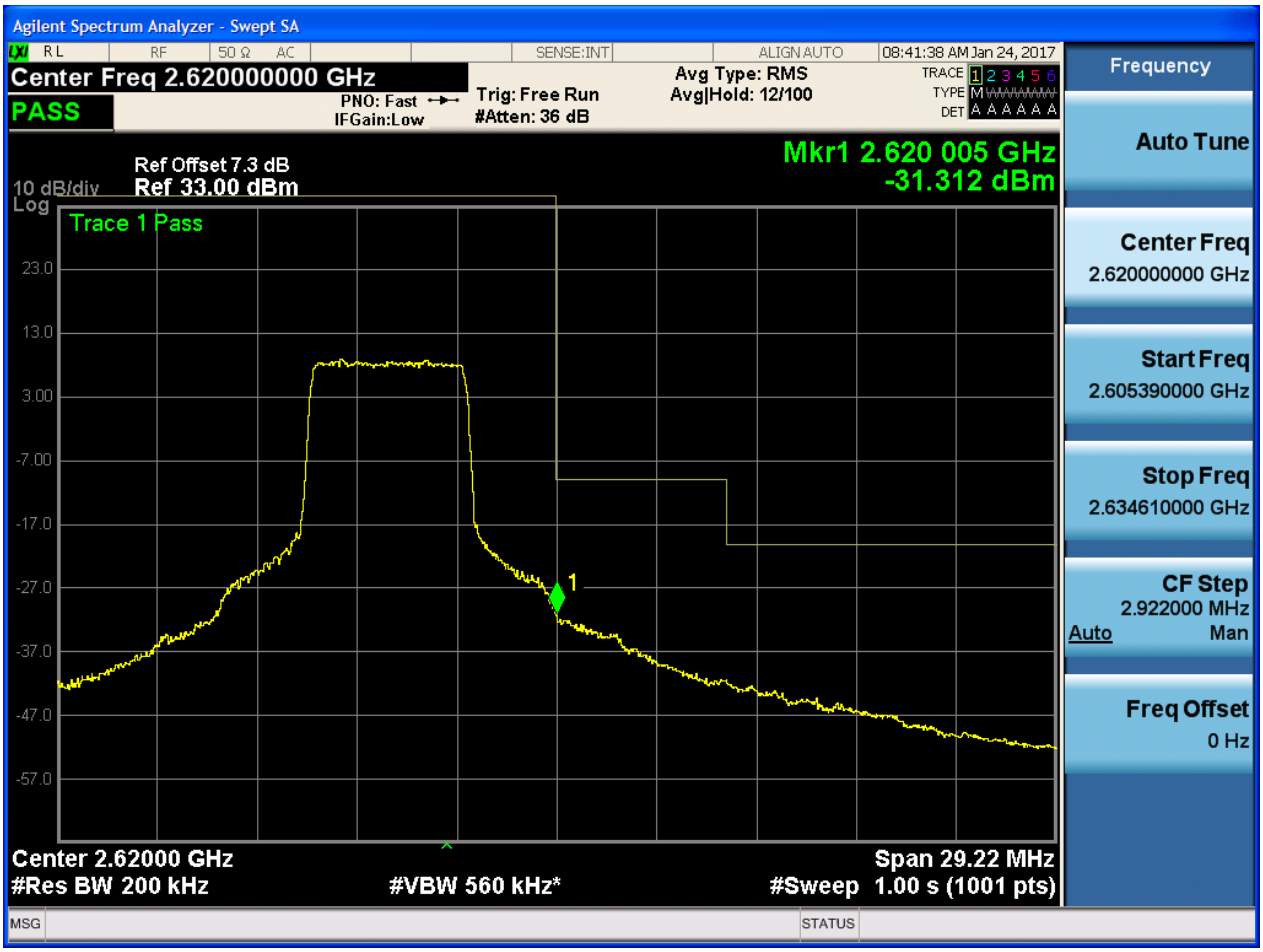
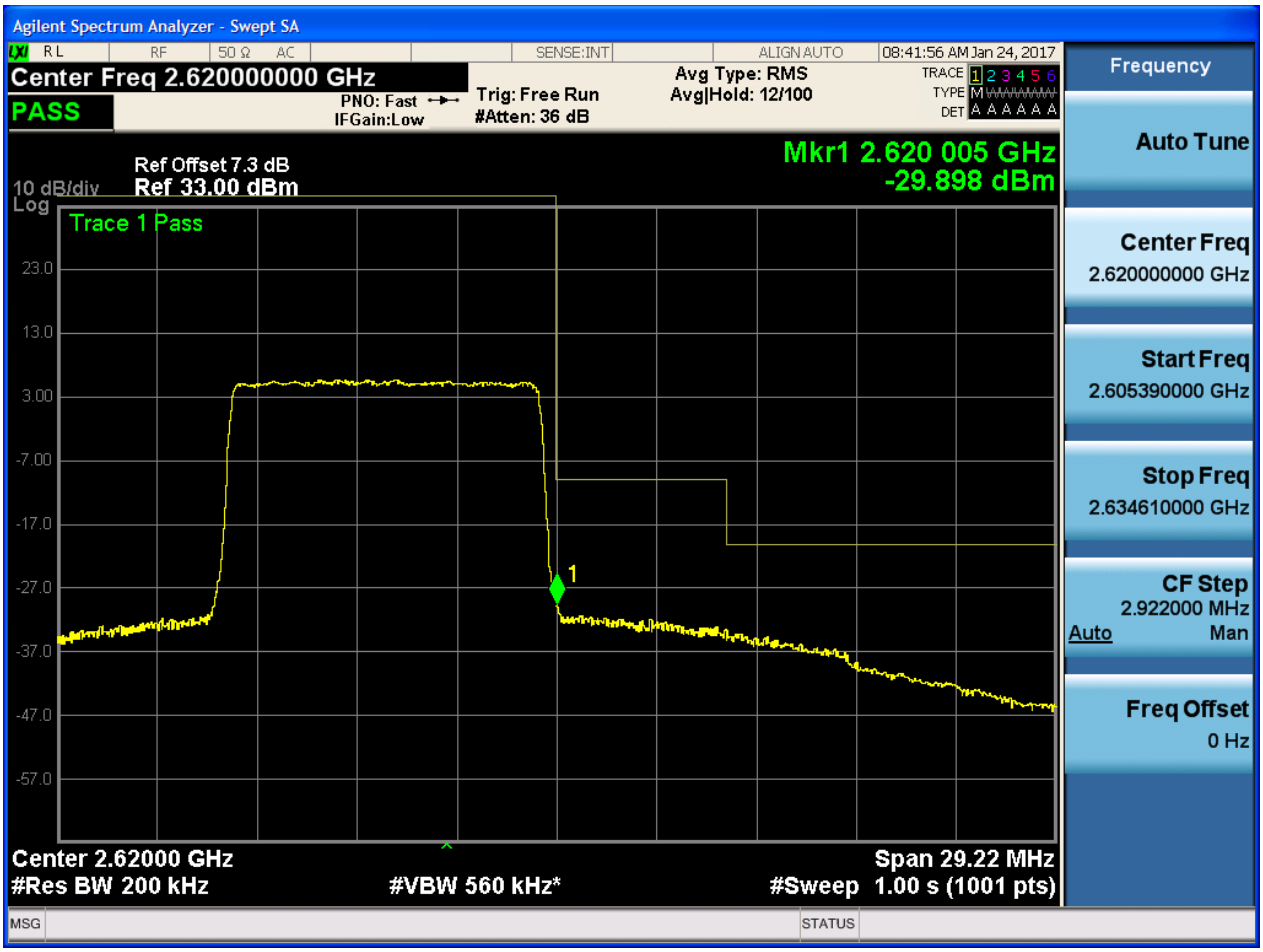
5.1.1.2.2.2.2 Test RB = RB1#49

5.1.1.2.2.2.3 Test RB = RB25#13



5.1.1.2.2.2.4 Test RB = RB50#0



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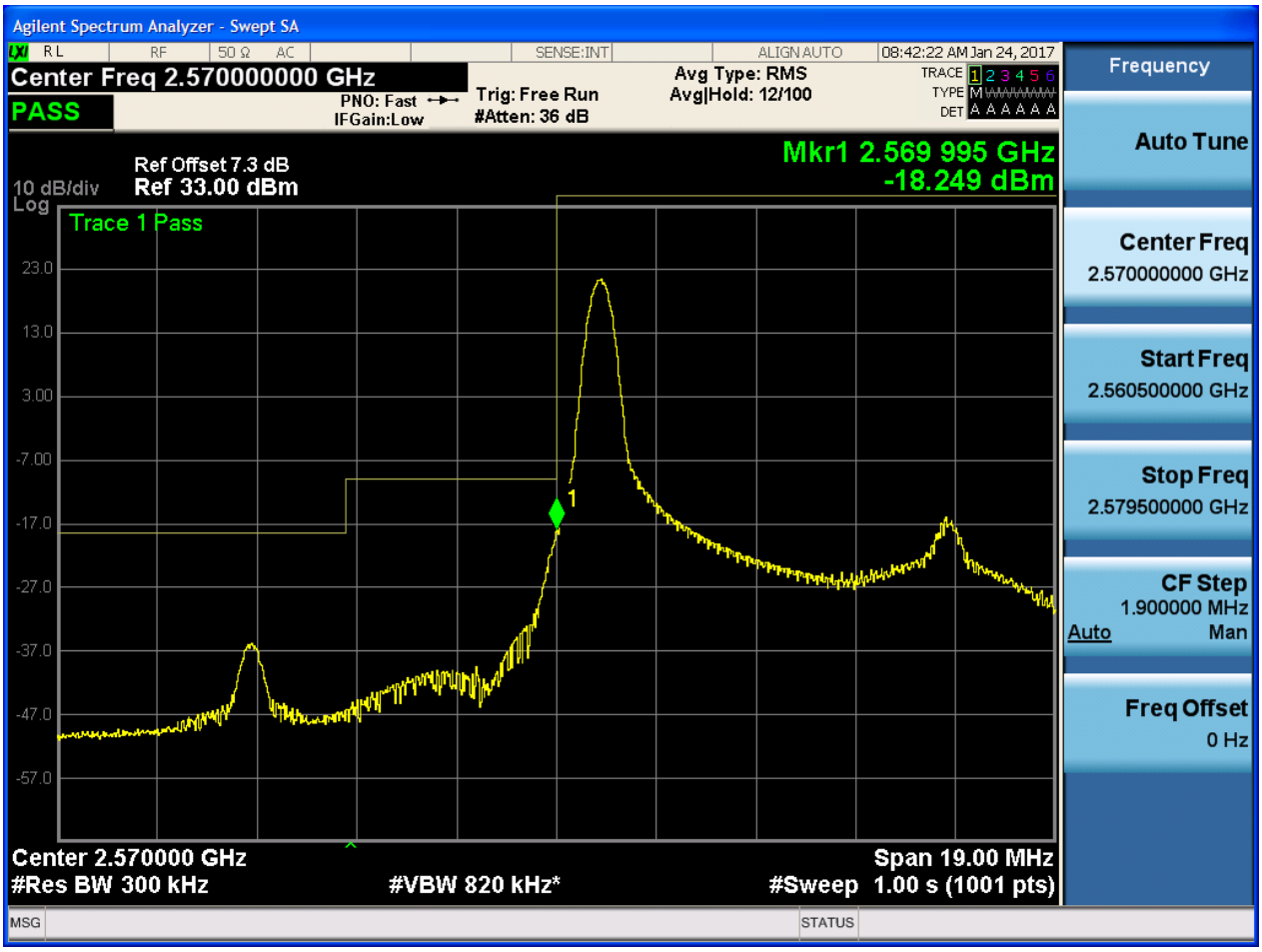
5.1.1.2.3 Test Bandwidth = 15

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0



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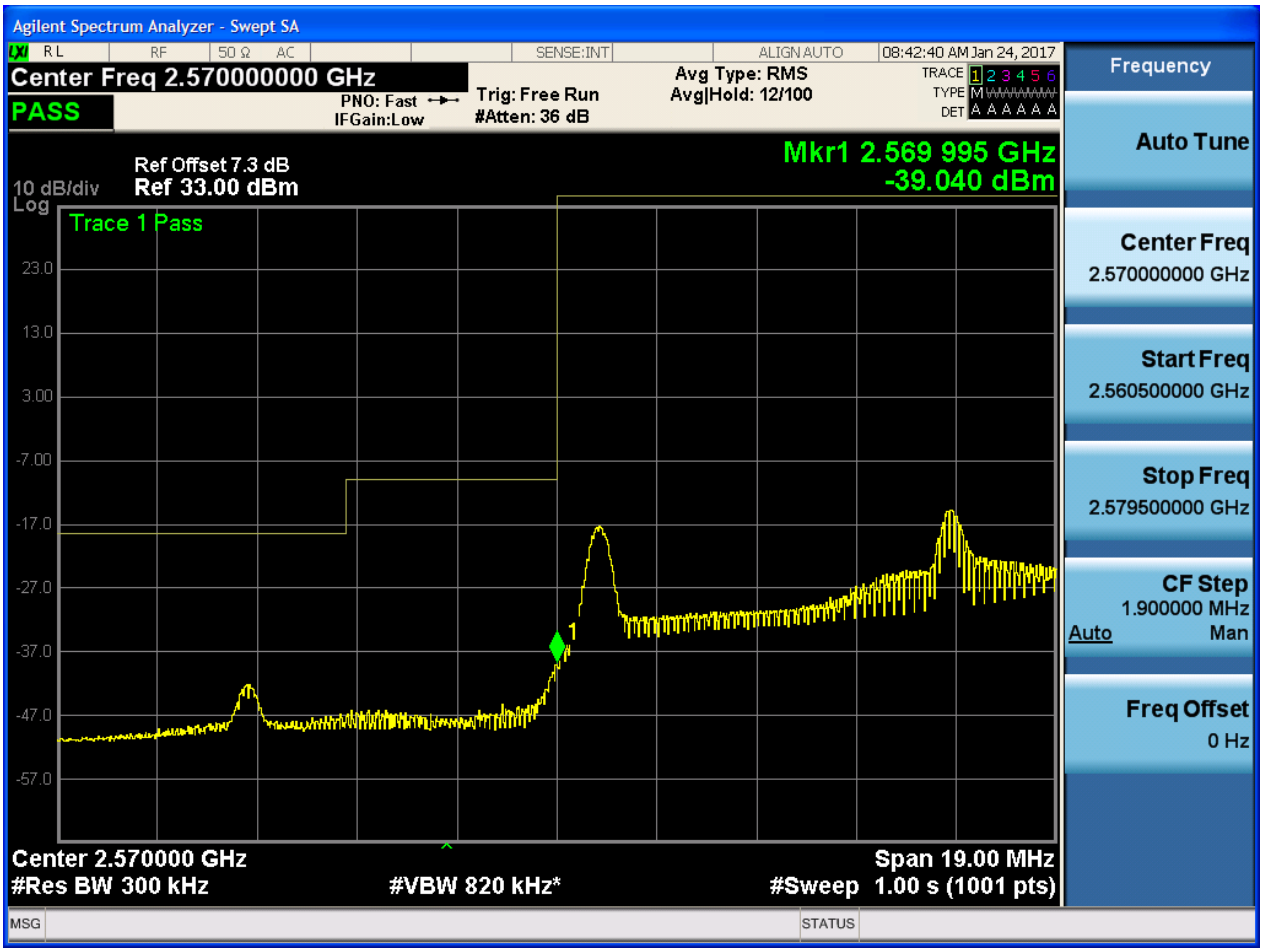
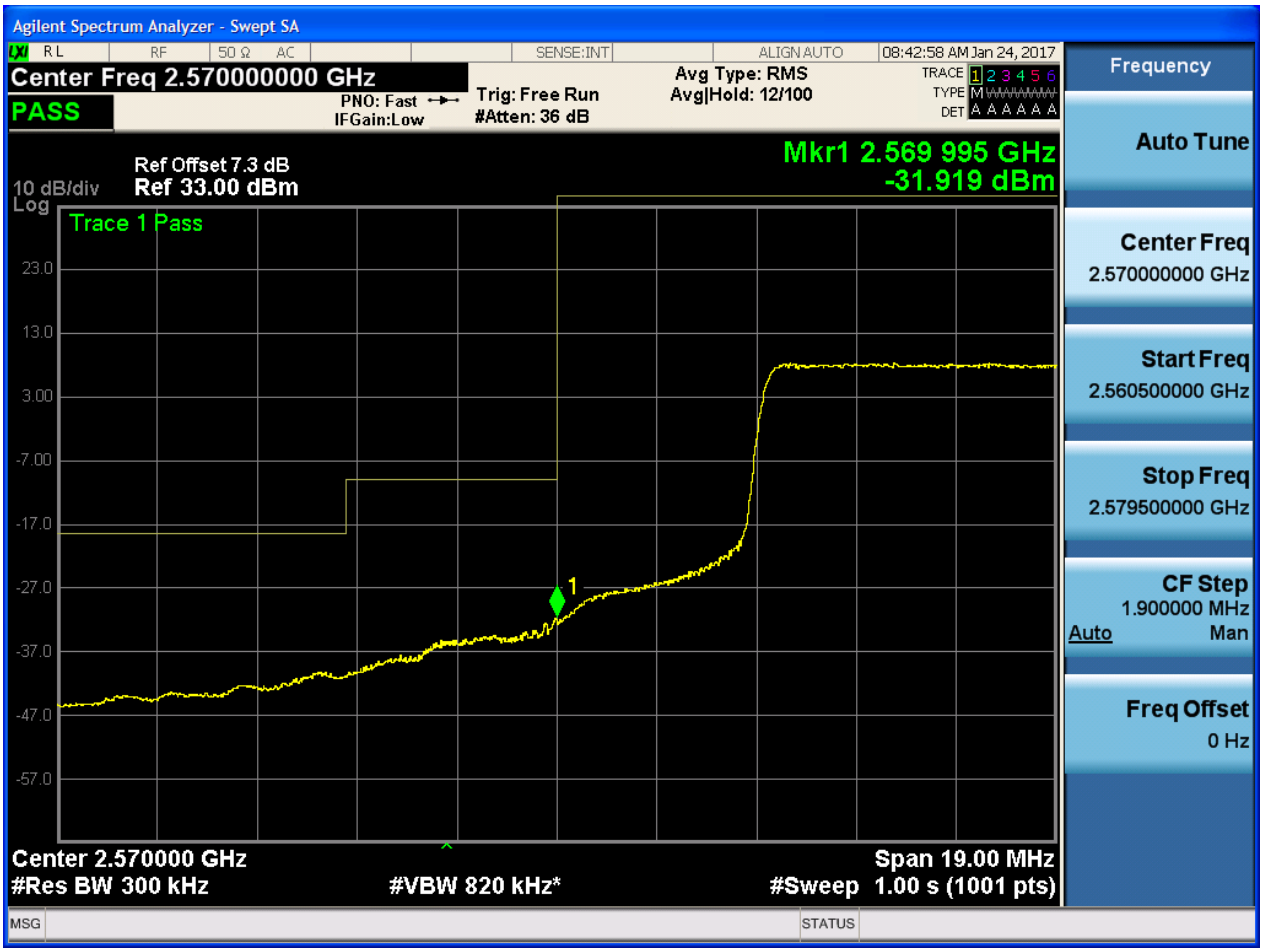
5.1.1.2.3.1.2 Test RB = RB1#74



5.1.1.2.3.1.3 Test RB = RB36#18



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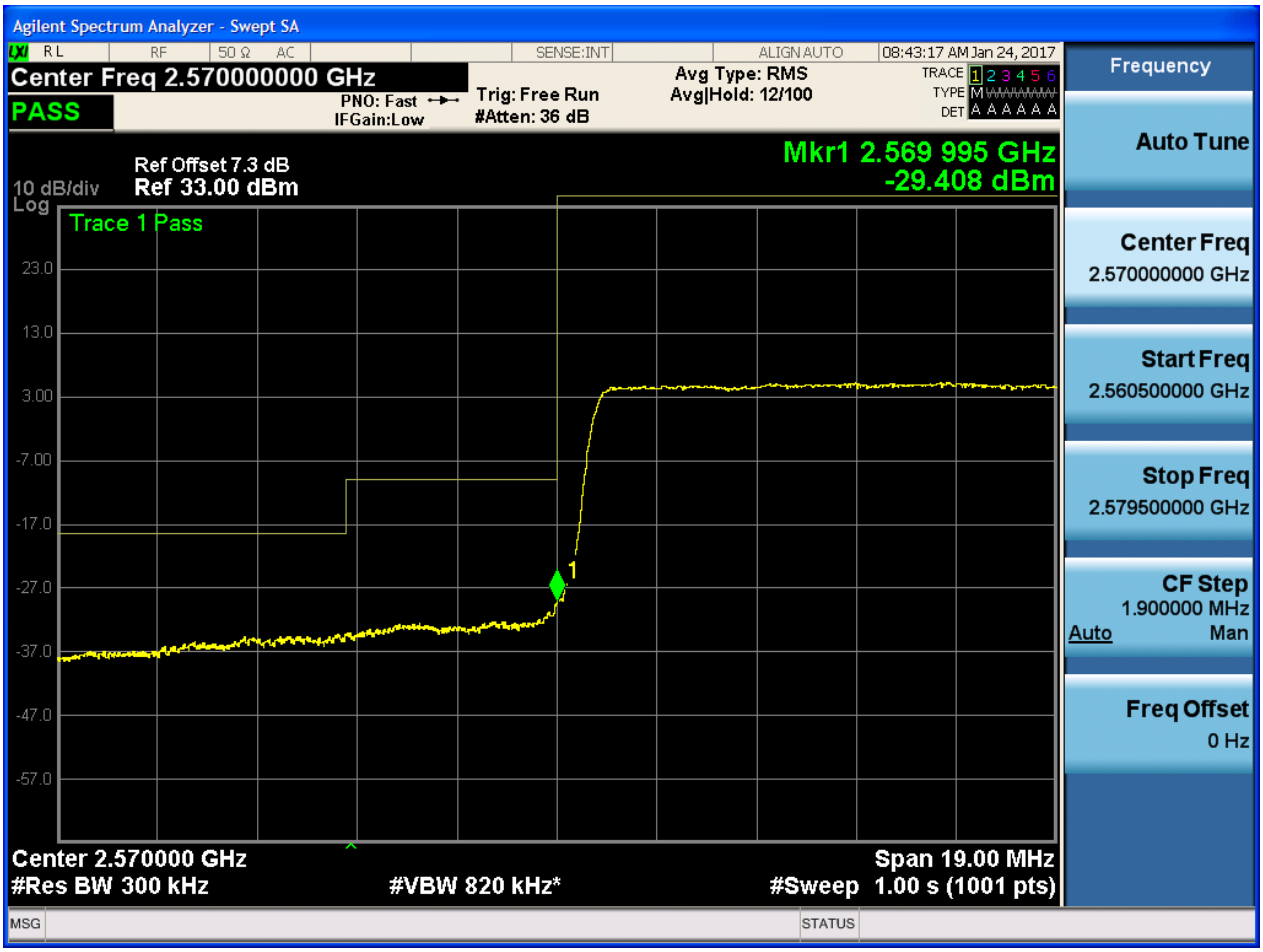
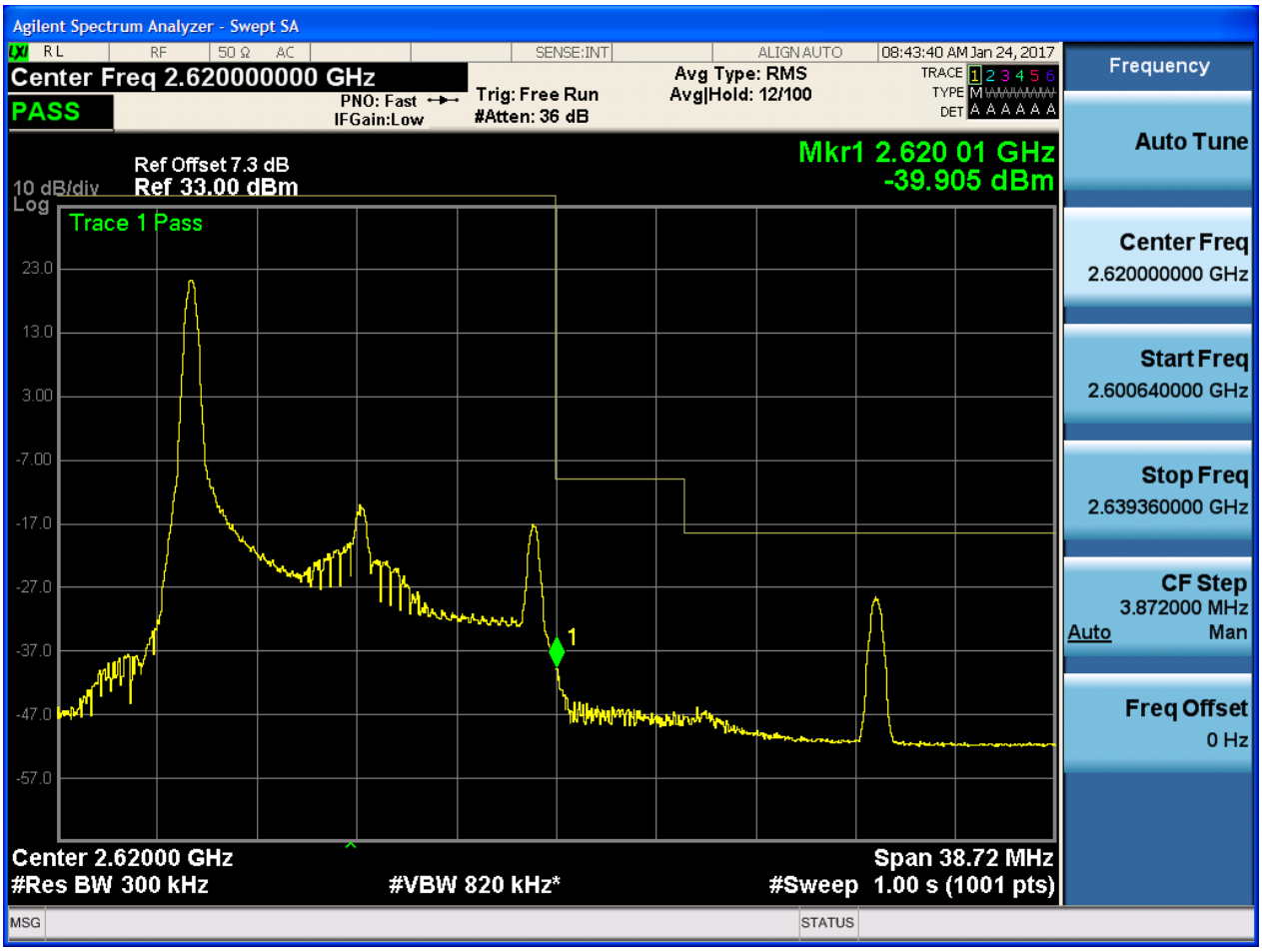
5.1.1.2.3.1.4 Test RB = RB75#0



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#74

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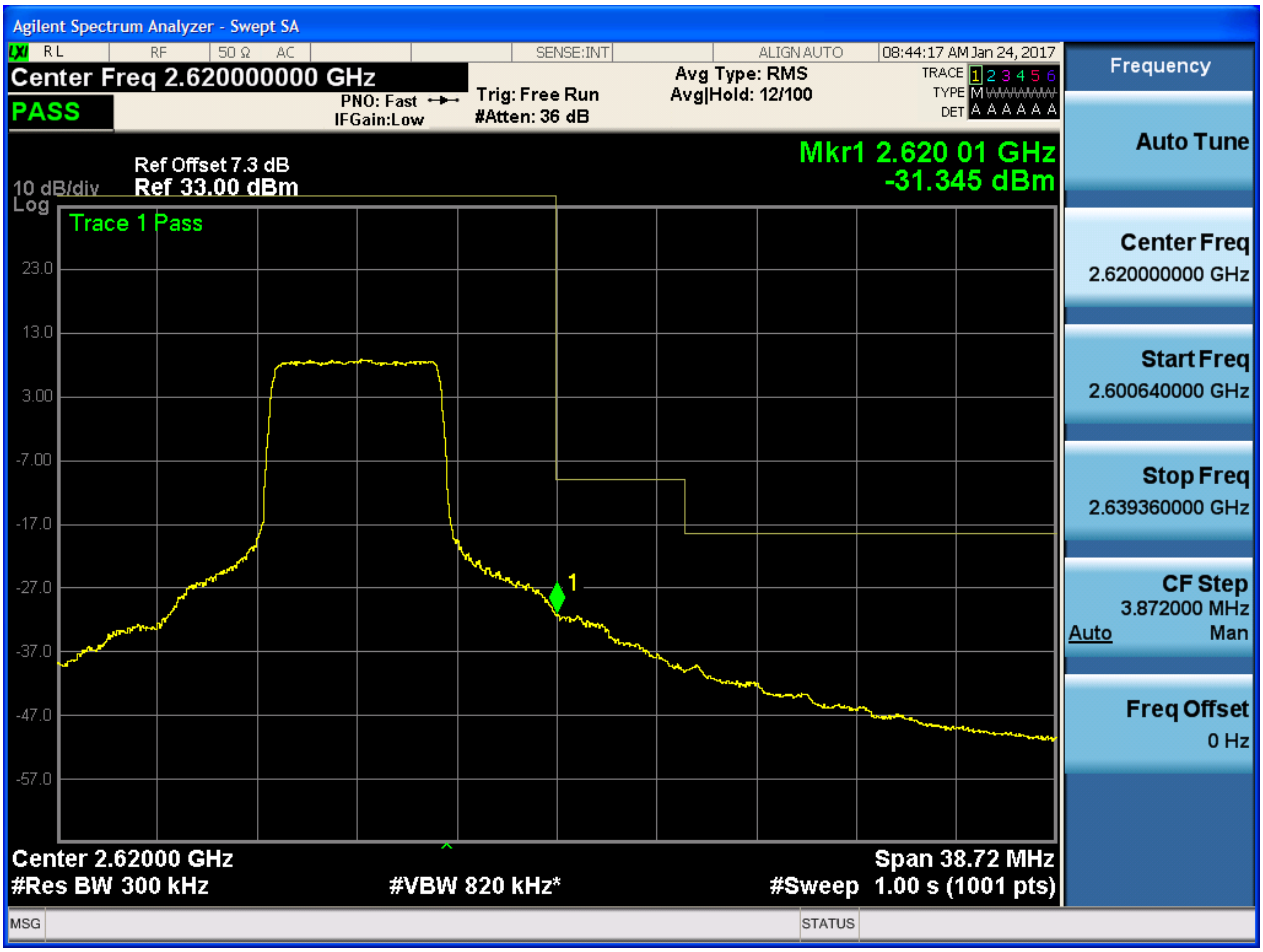
5.1.1.2.3.2.3 Test RB = RB36#18



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5.1.1.2.3.2.4 Test RB = RB75#0

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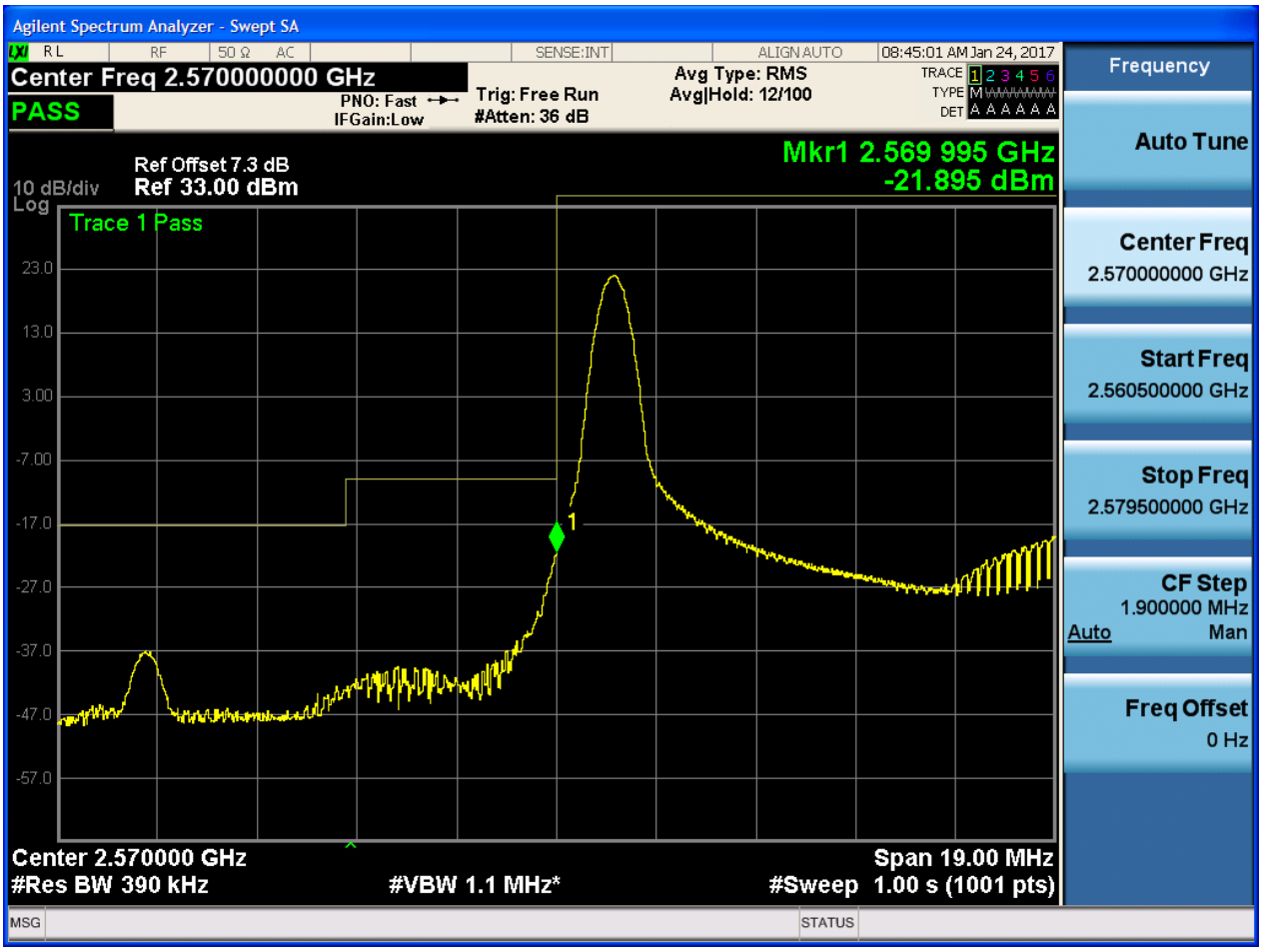
5.1.1.2.4 Test Bandwidth = 20

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



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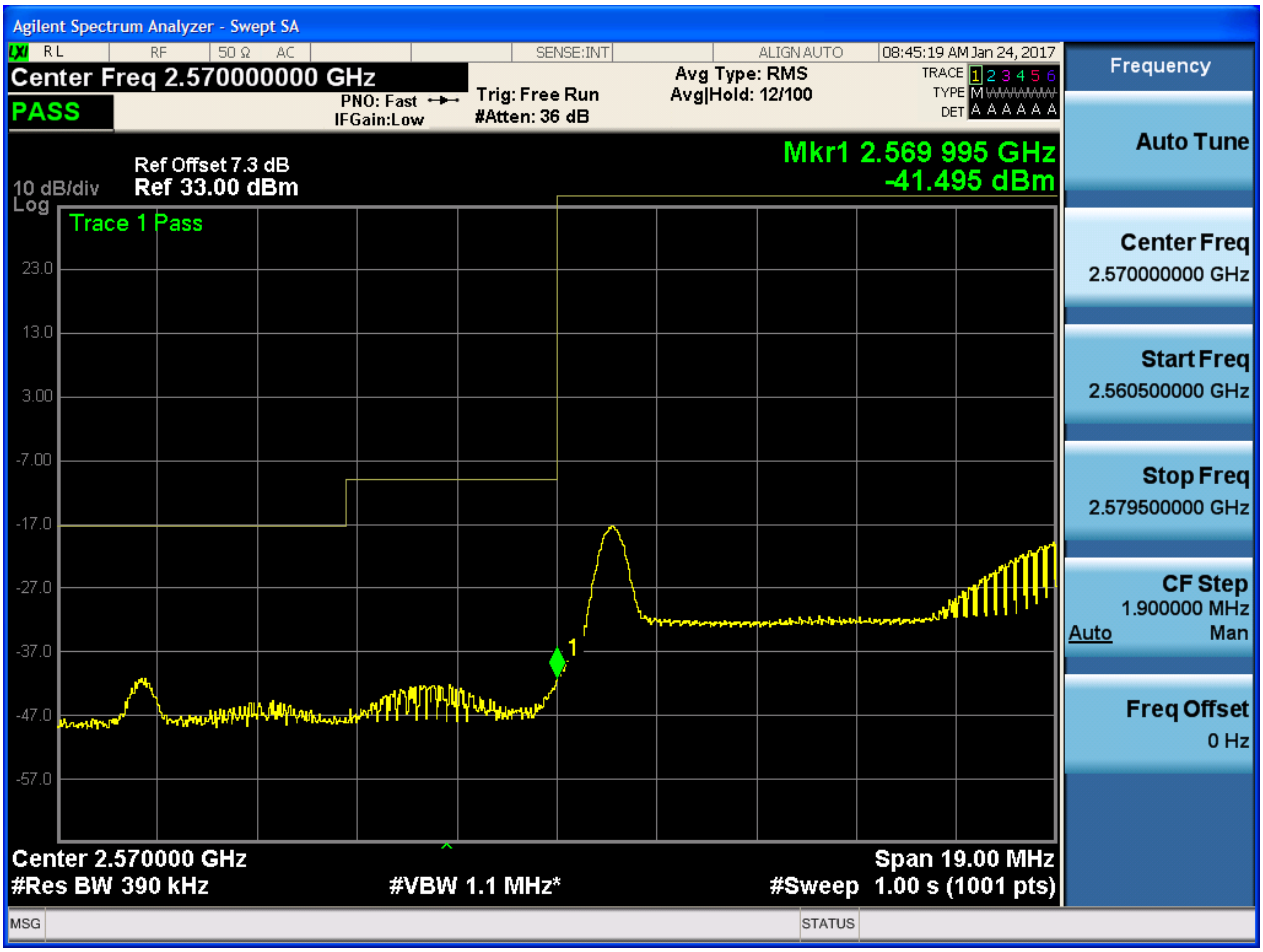
5.1.1.2.4.1.2 Test RB = RB1#99



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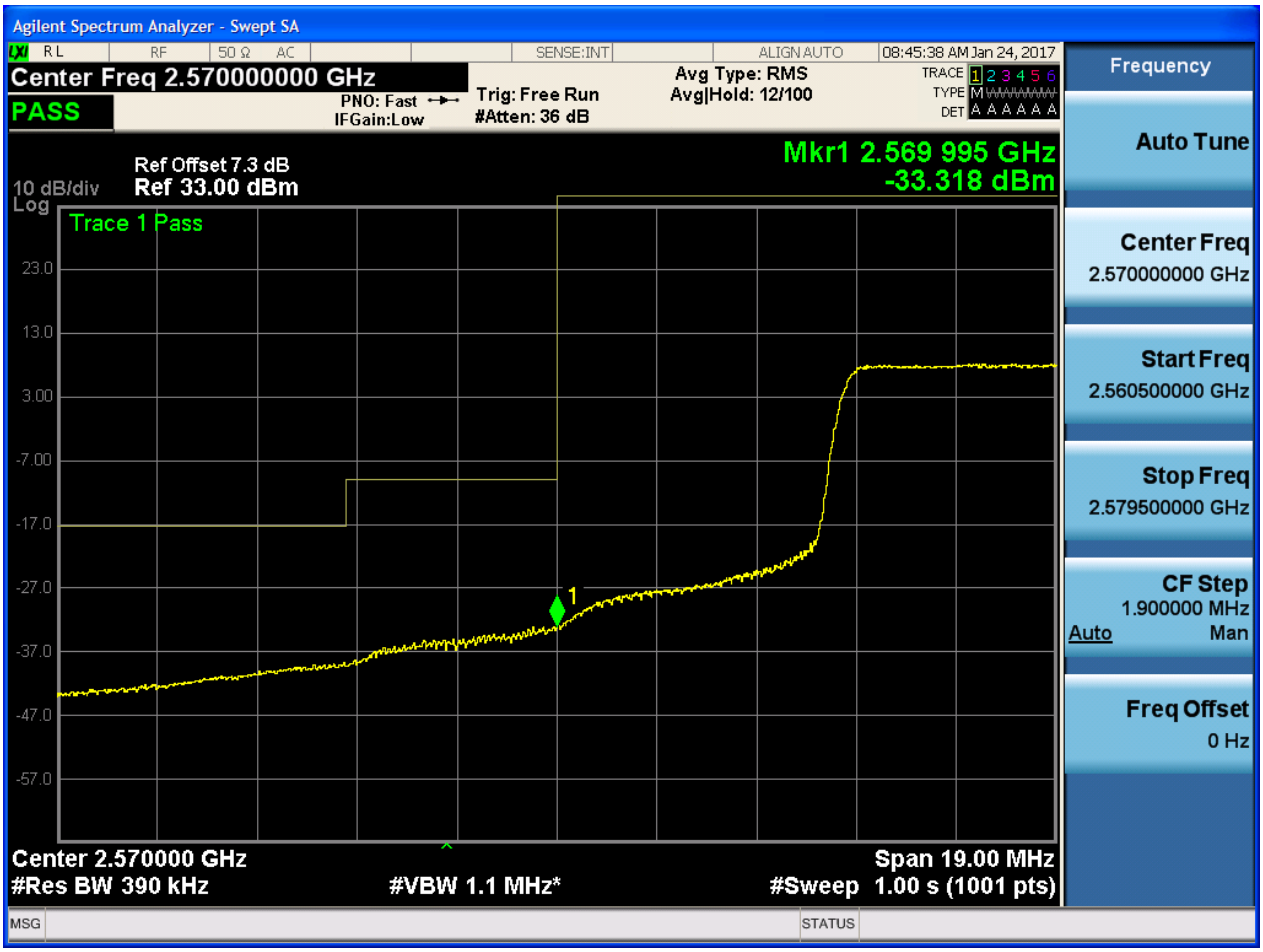
5.1.1.2.4.1.3 Test RB = RB50#25



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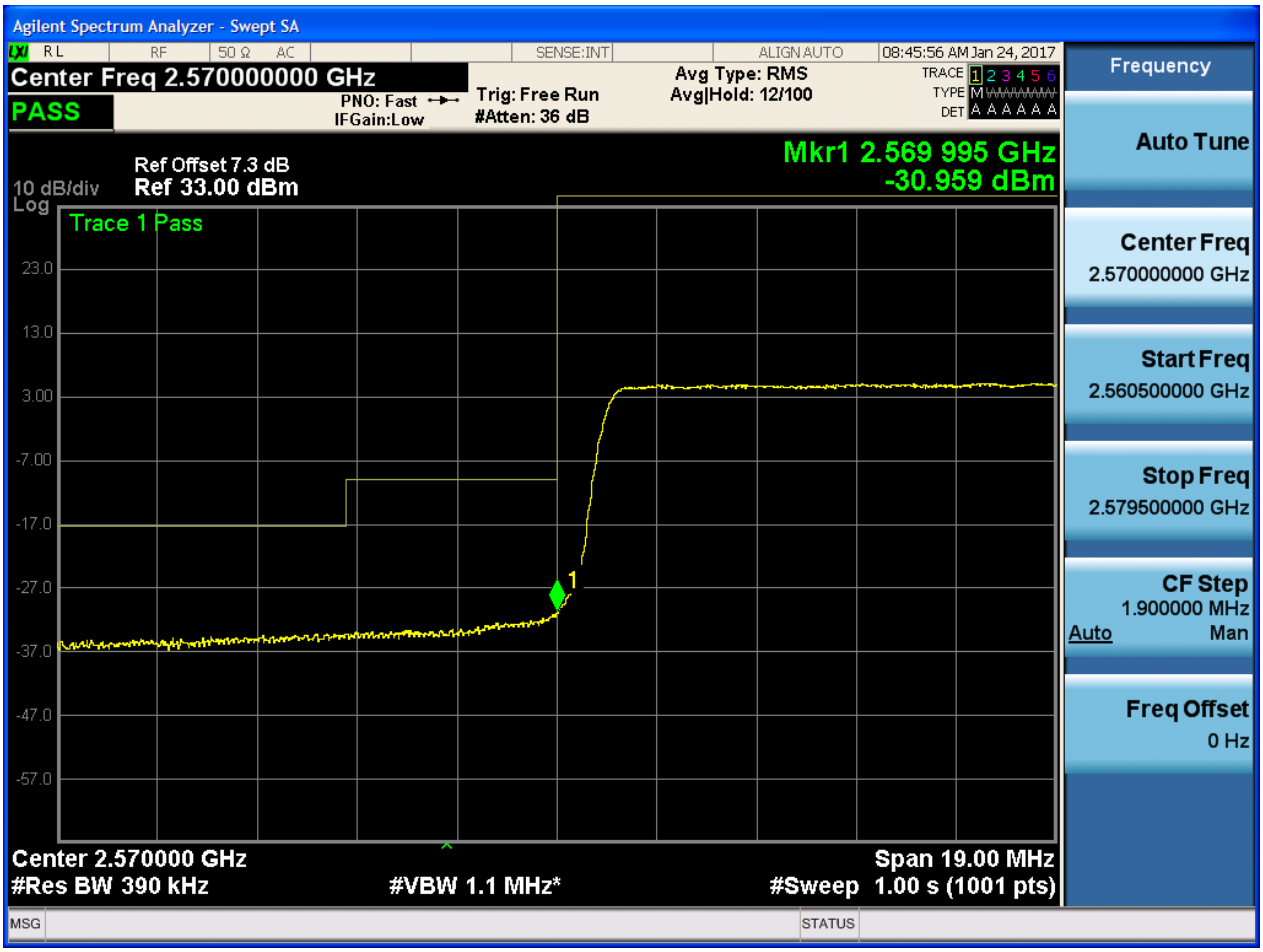
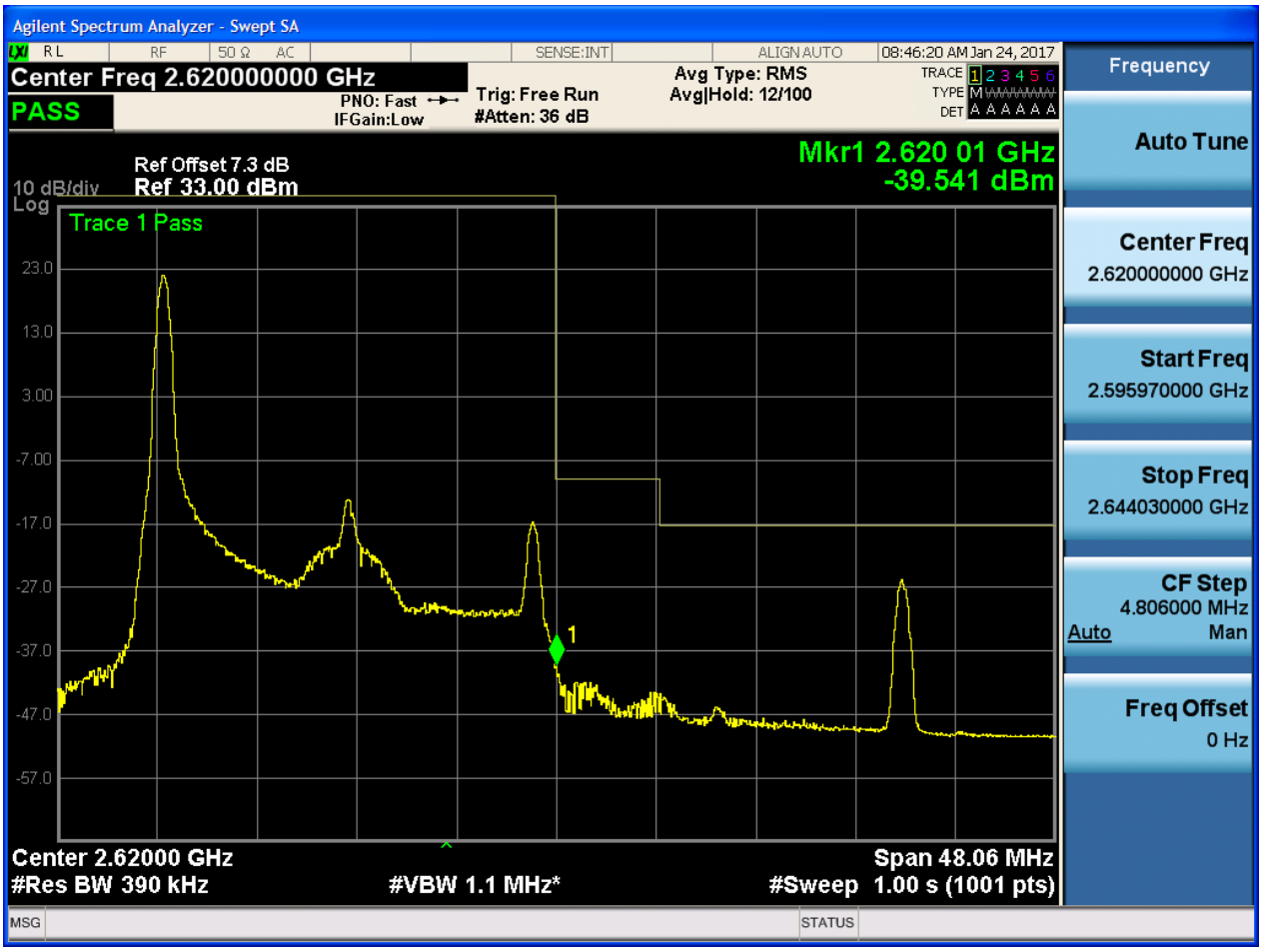
5.1.1.2.4.1.4 Test RB = RB100#0



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#99

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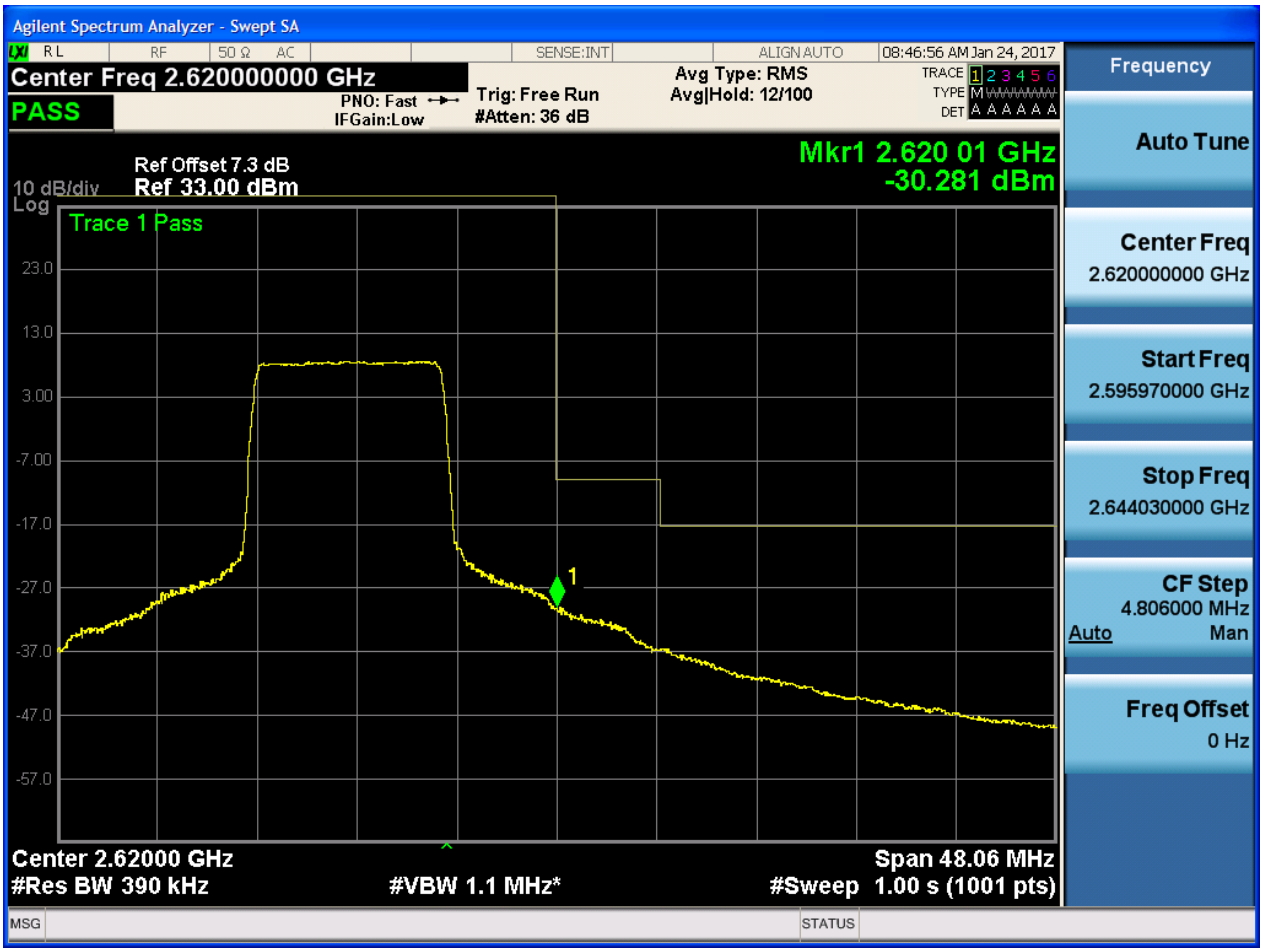
5.1.1.2.4.2.3 Test RB = RB50#25



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5.1.1.2.4.2.4 Test RB = RB100#0

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 = BAND38

6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0

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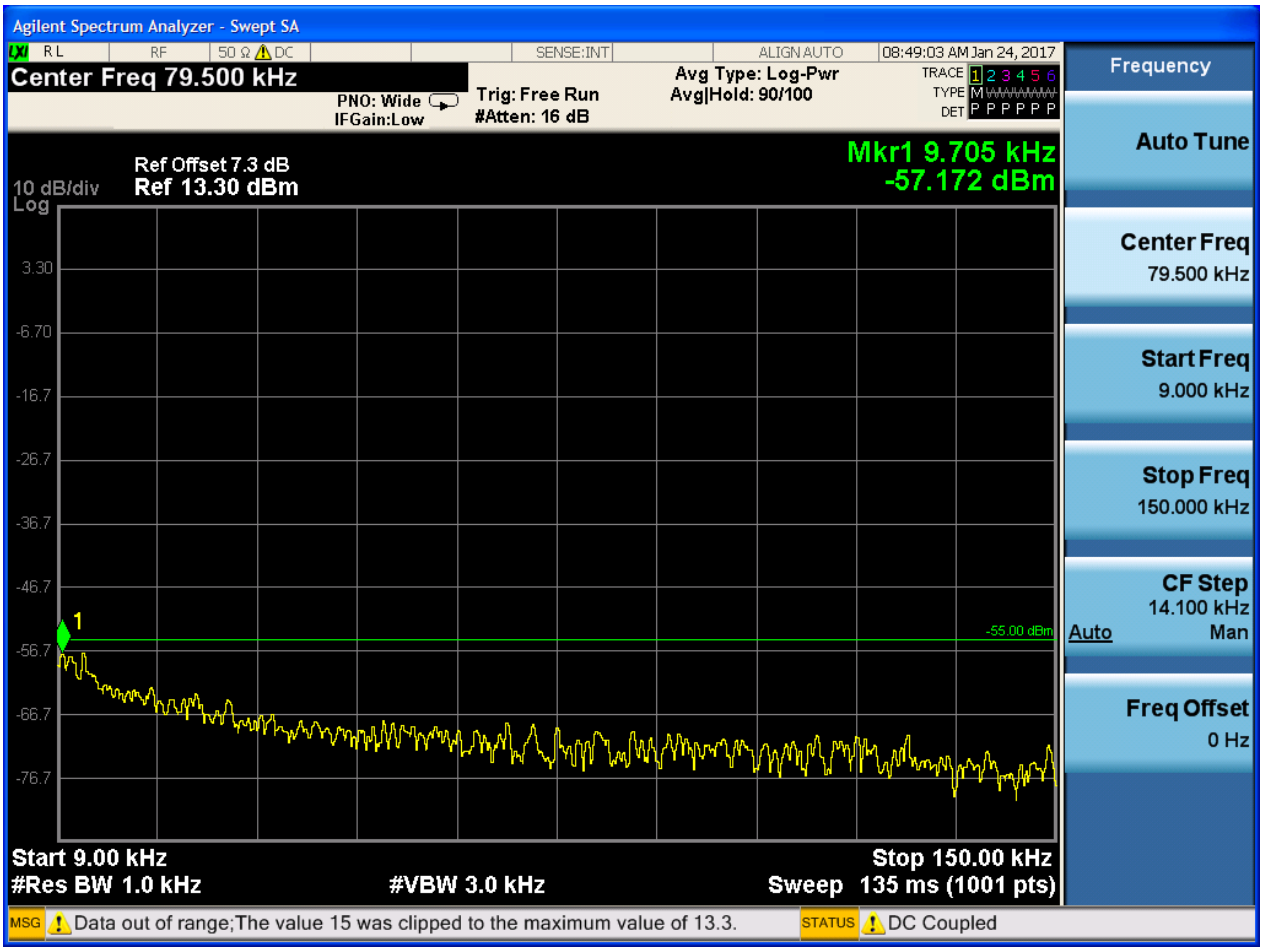

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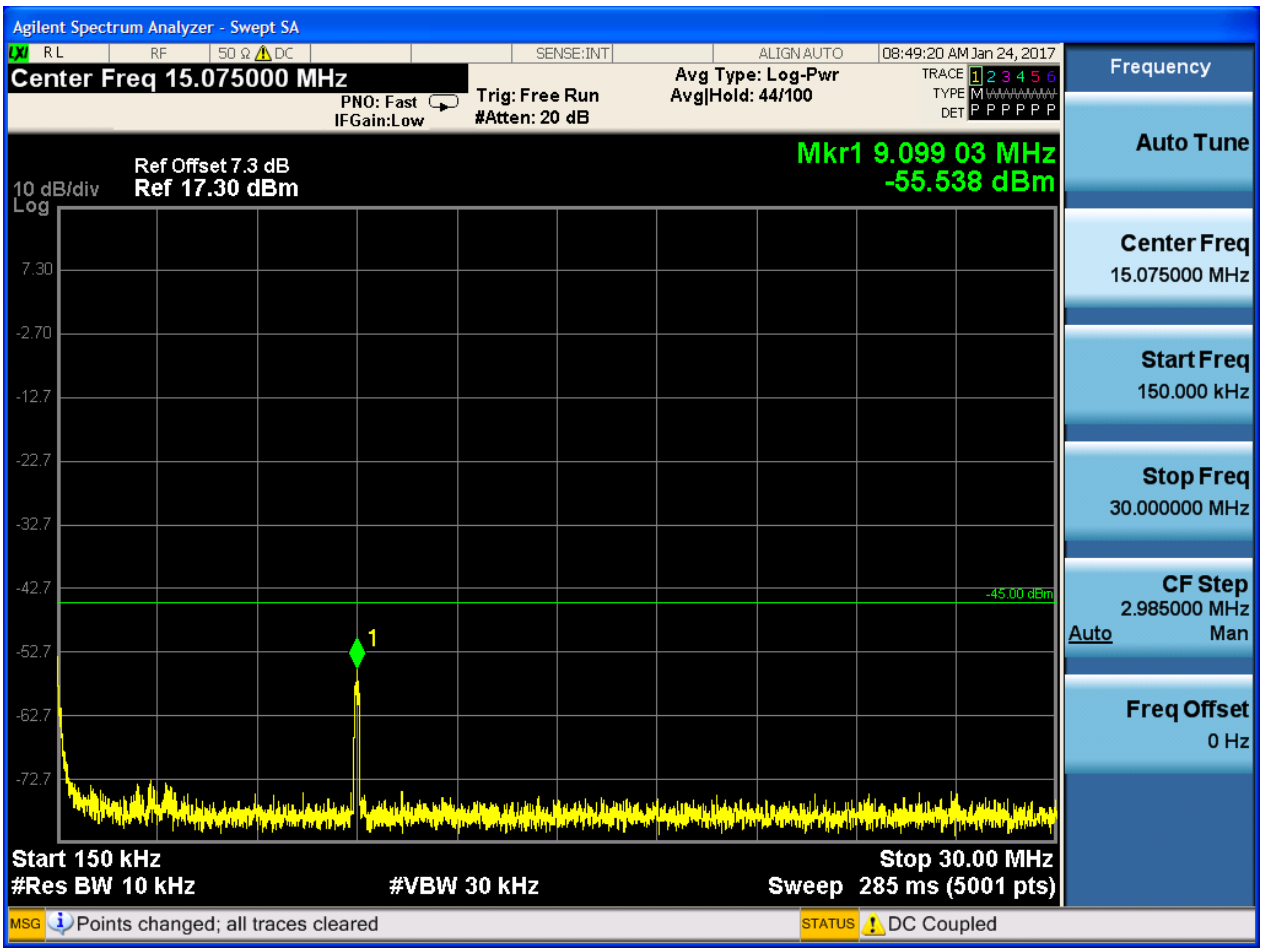
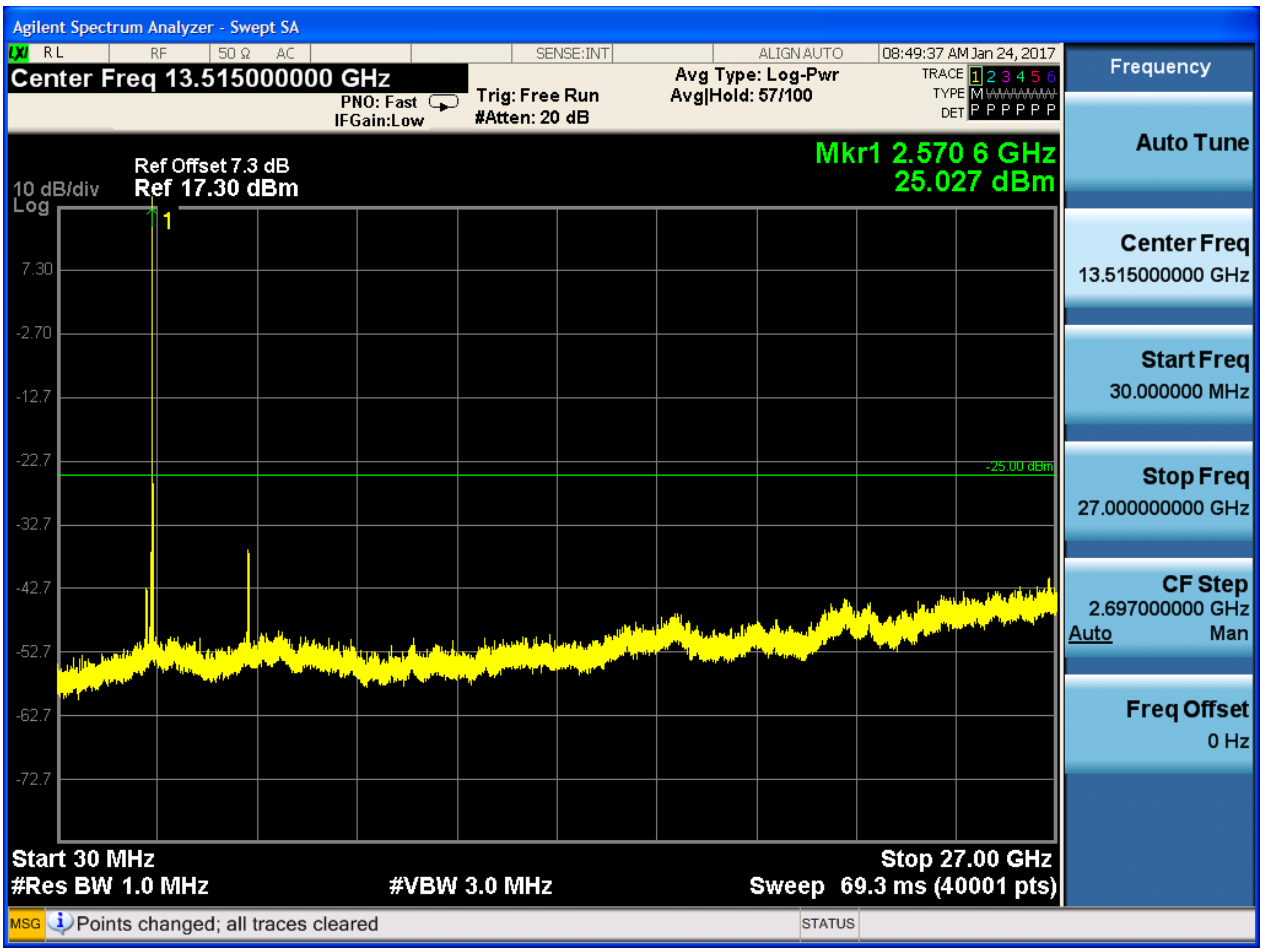

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 44/100
08:49:20 AM Jan 24, 2017
Ref Offset 7.3 dB
10 dB/div
Ref 17.30 dBm
Log
Mkr1 9.099 03 MHz
-55.538 dBm
-45.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 ms (5001 pts)
Points changed; all traces cleared
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz



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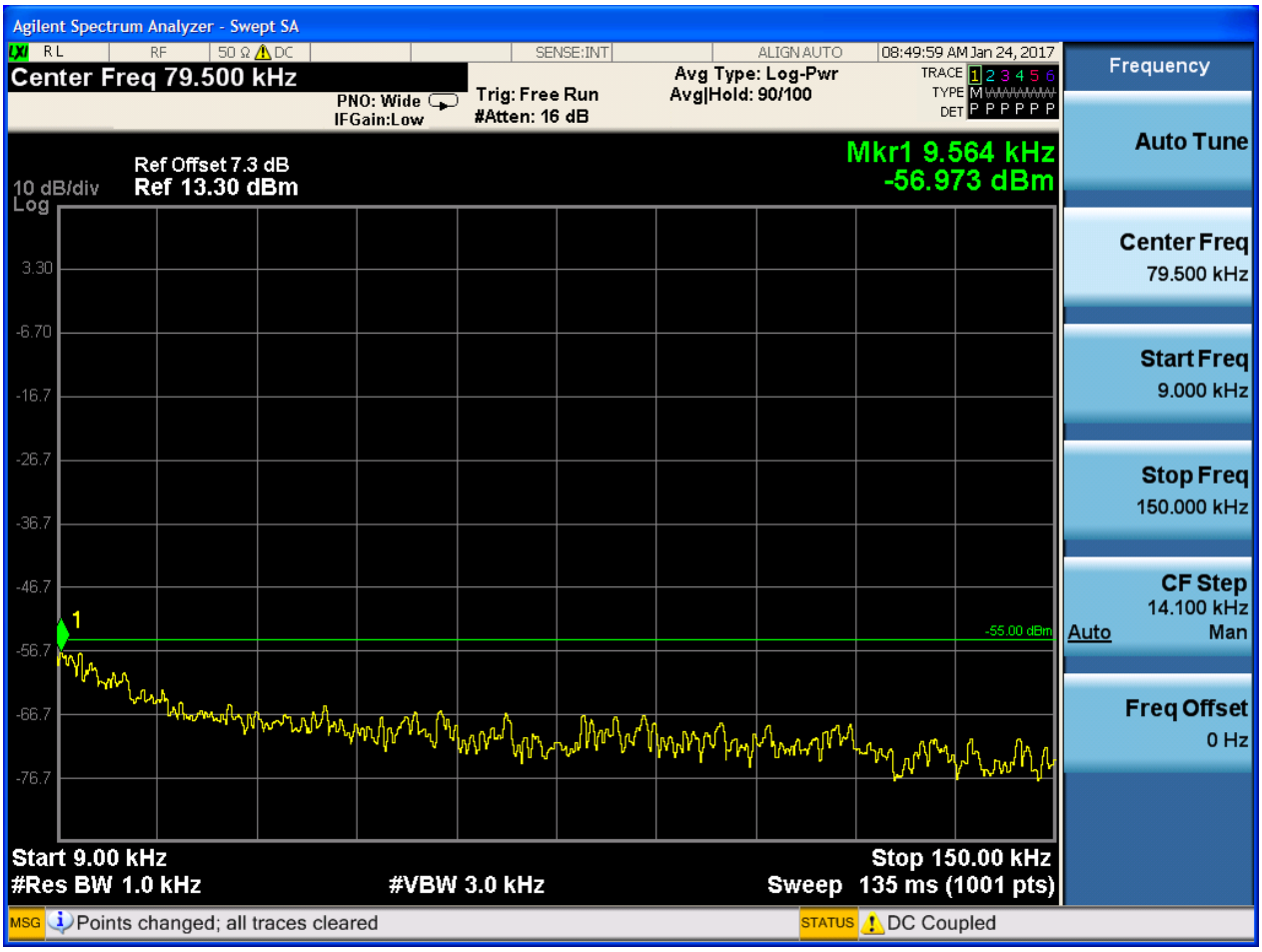
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0



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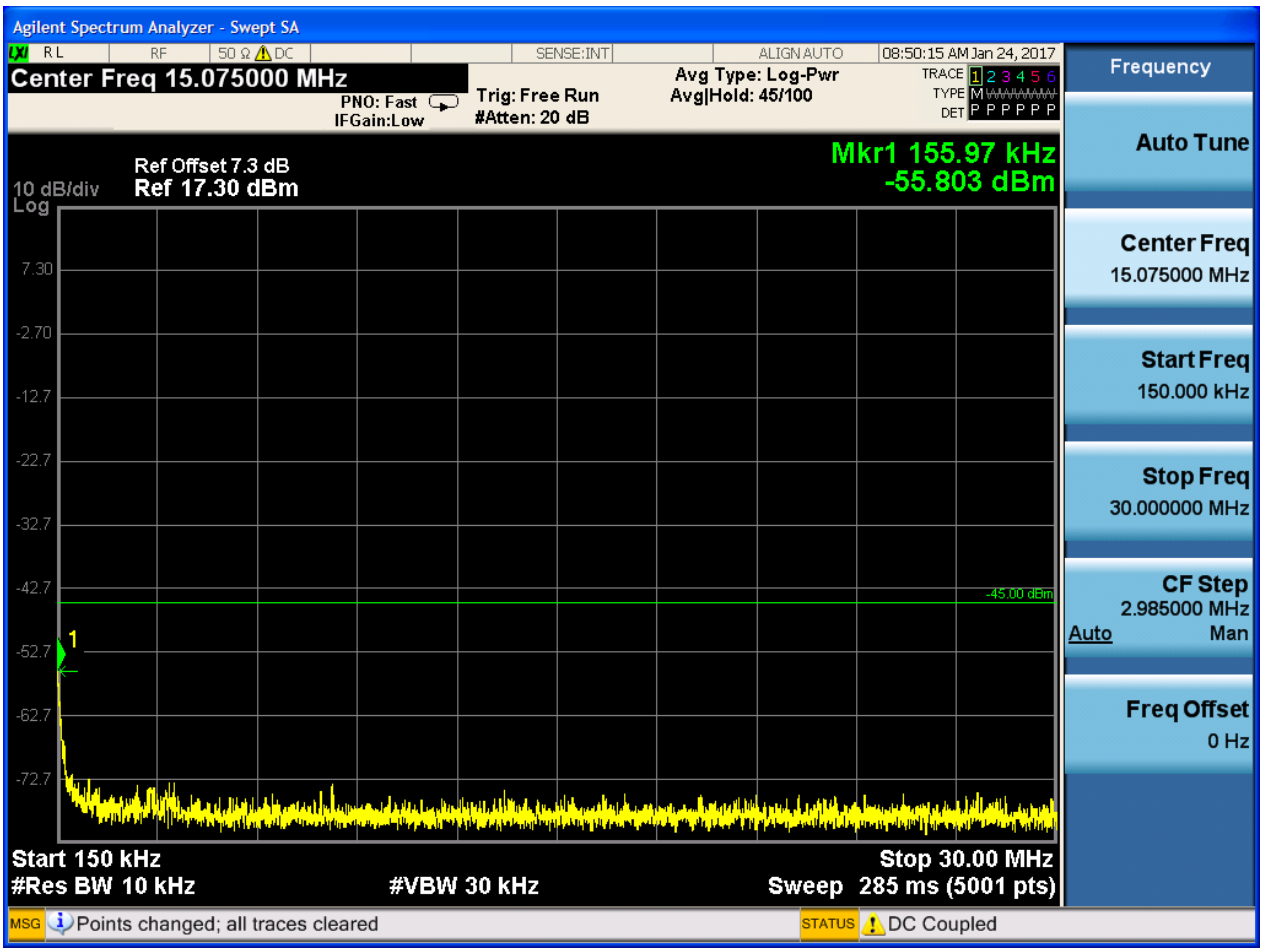

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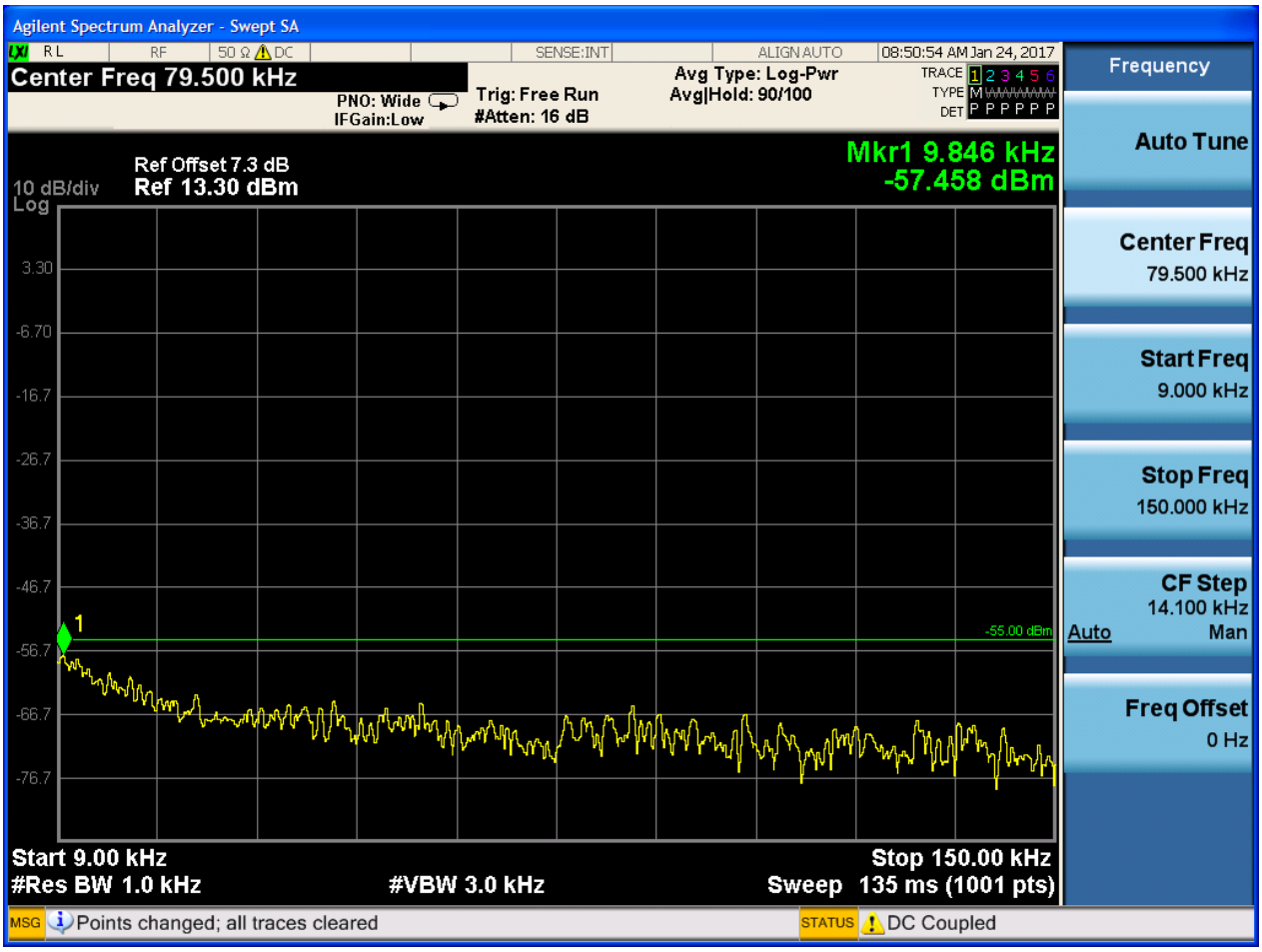
6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0



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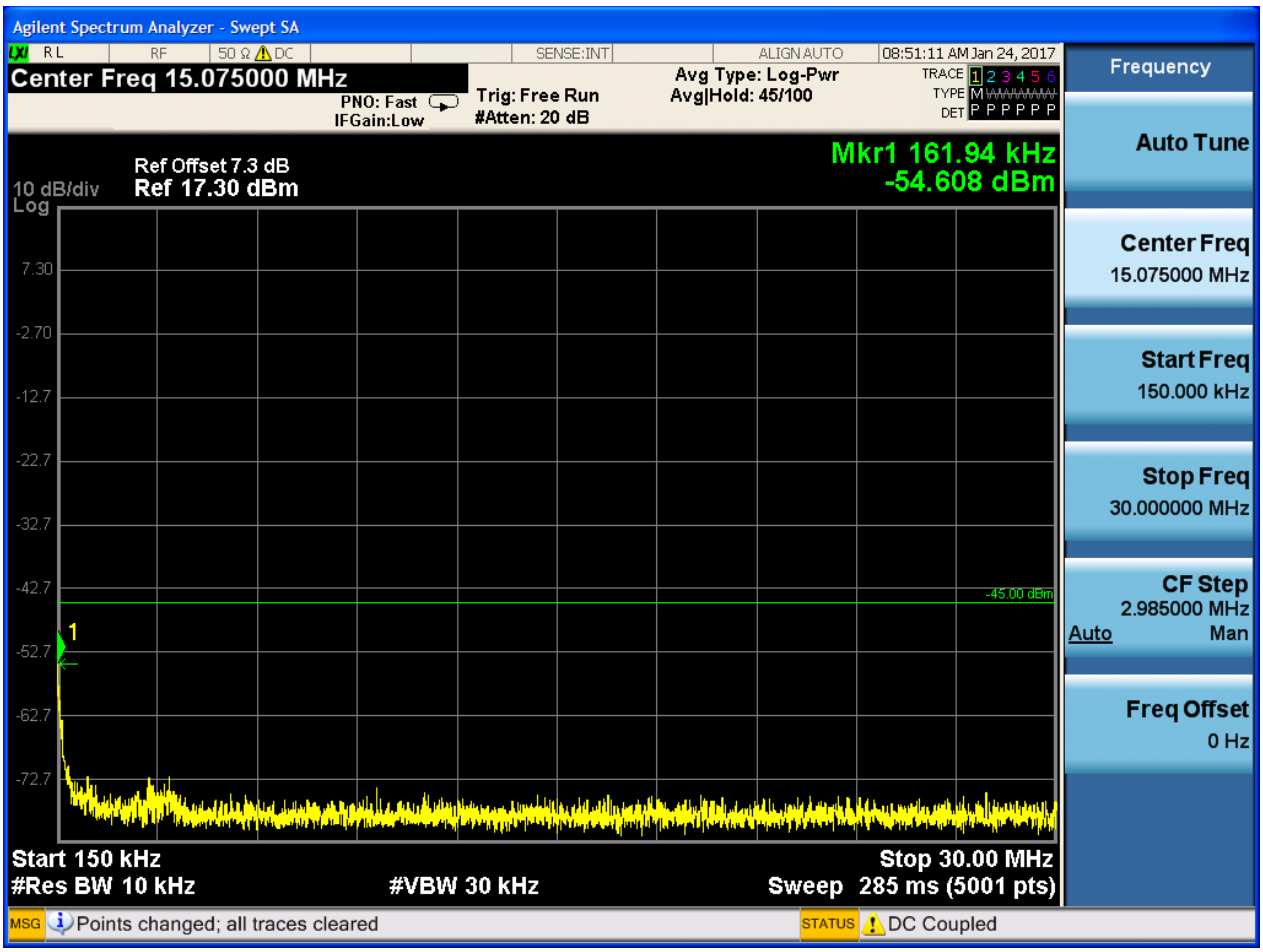

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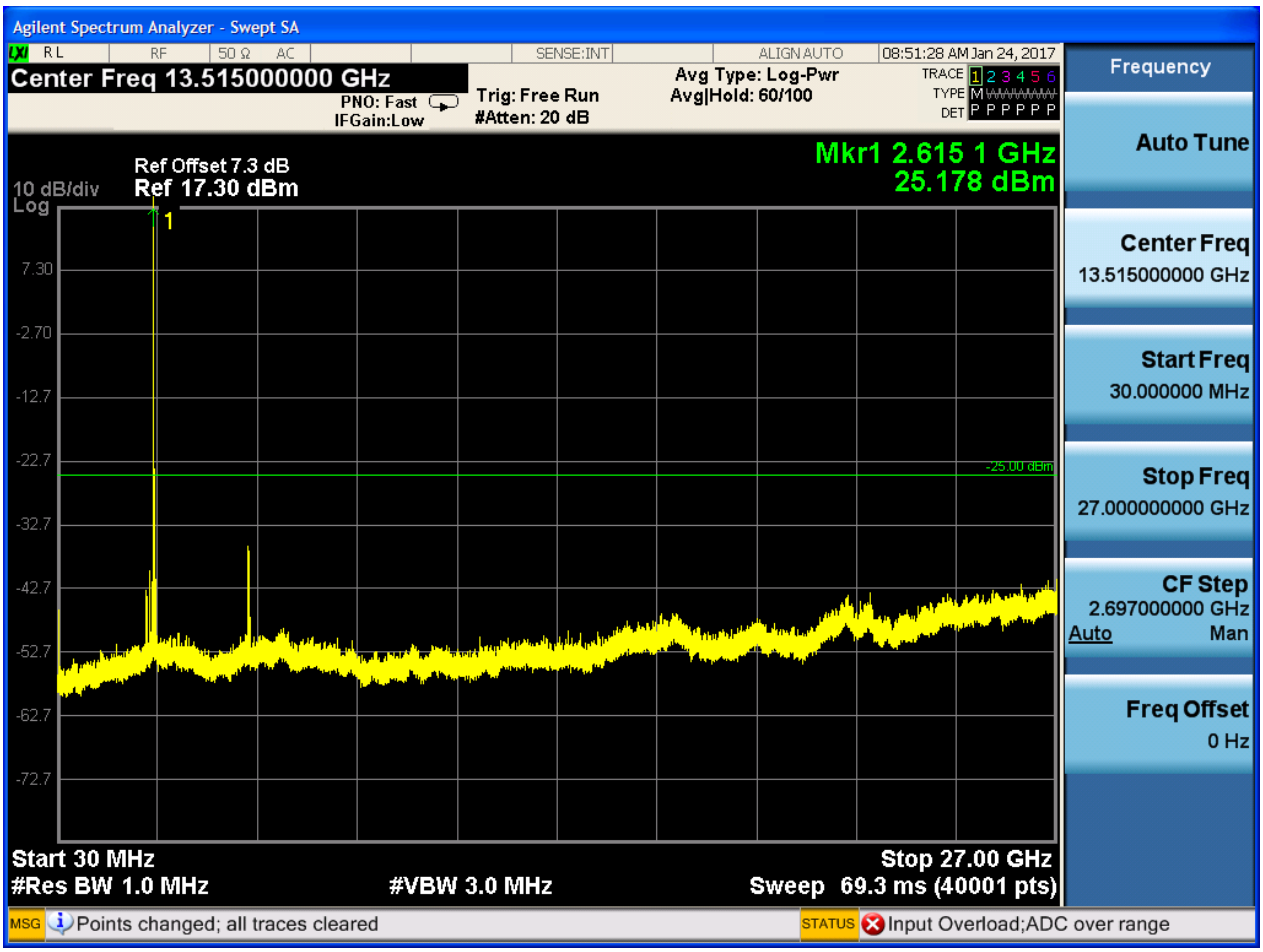

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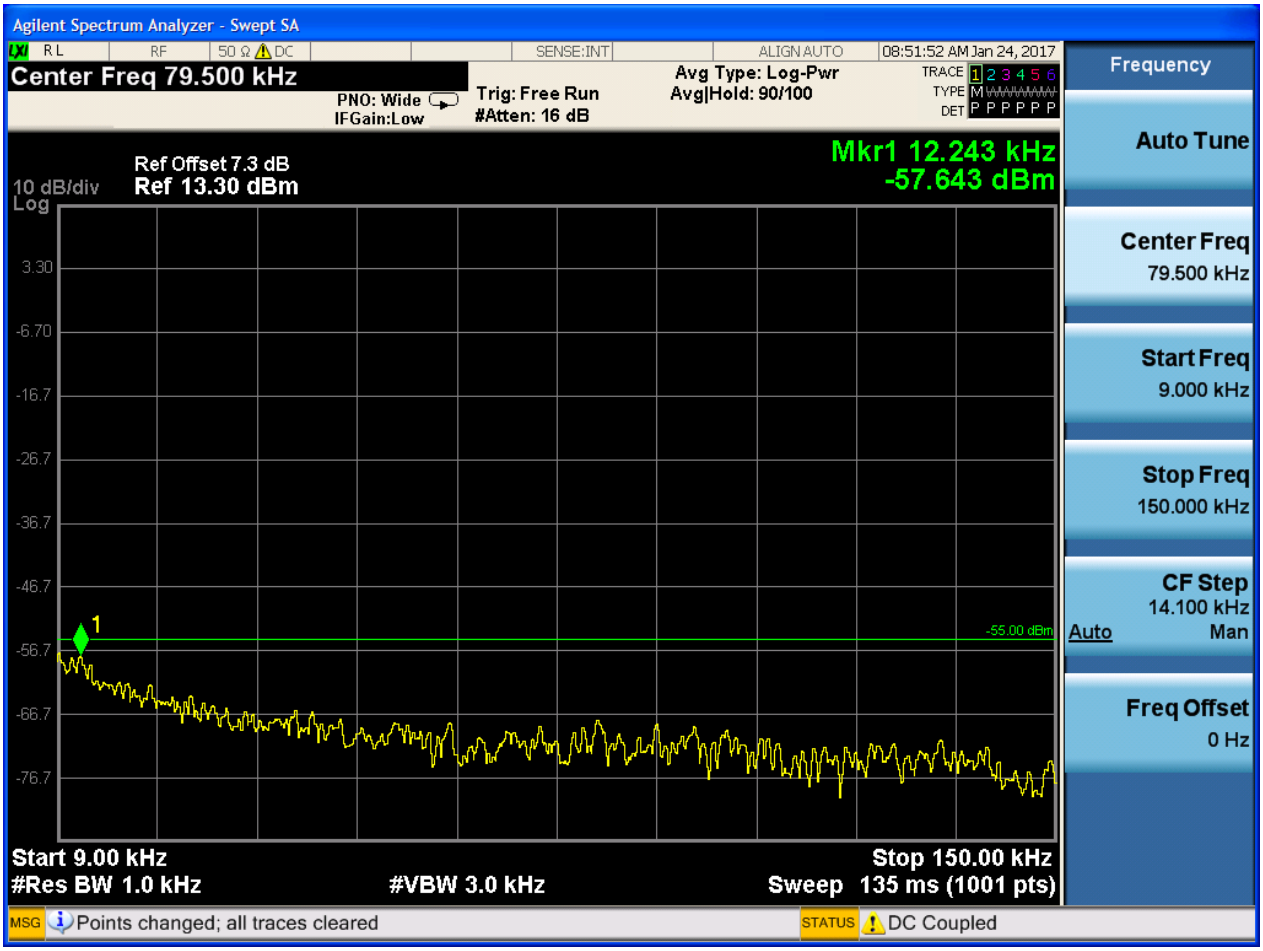
6.1.1.1.2 Test Bandwidth = 10

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



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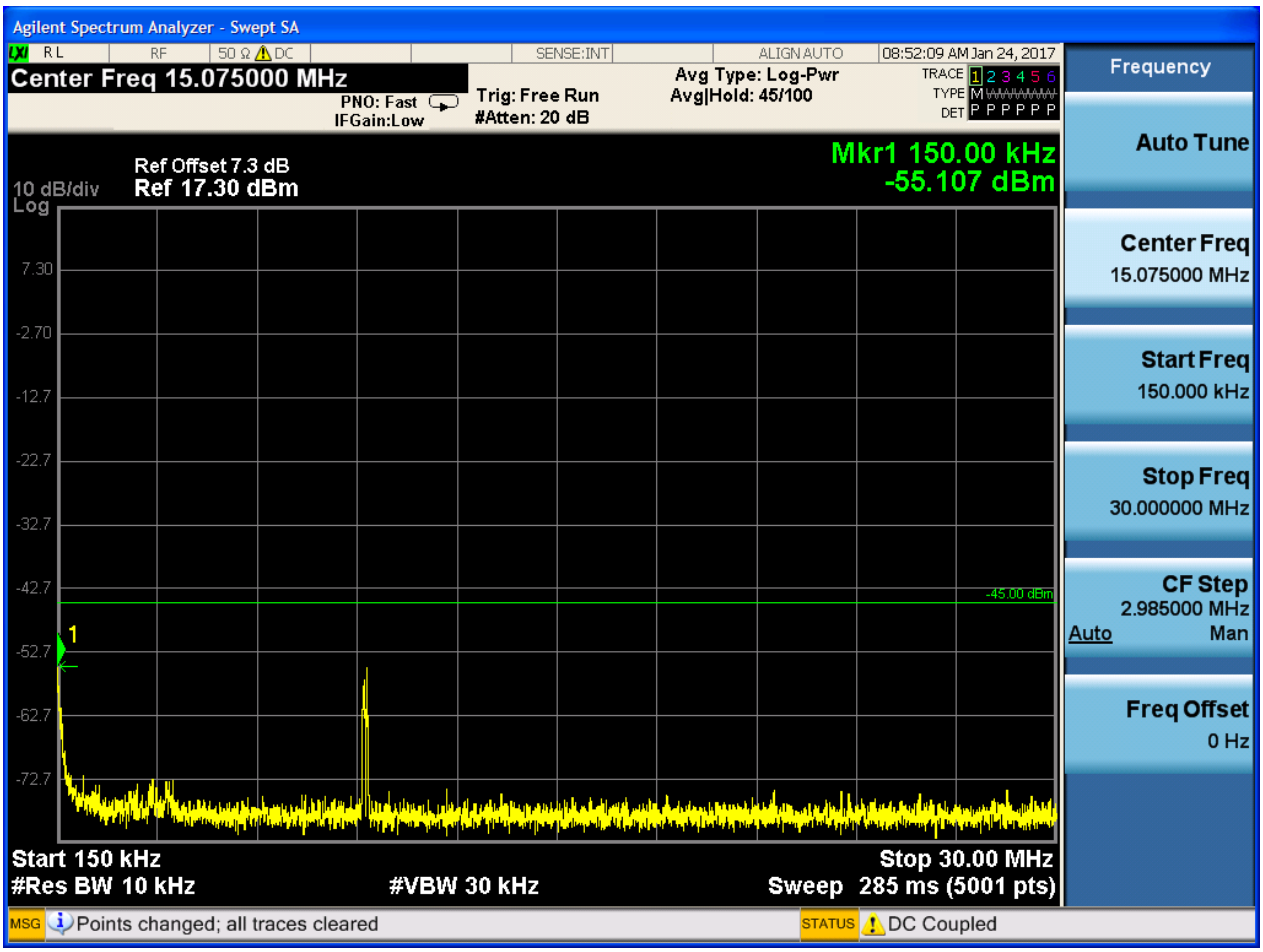

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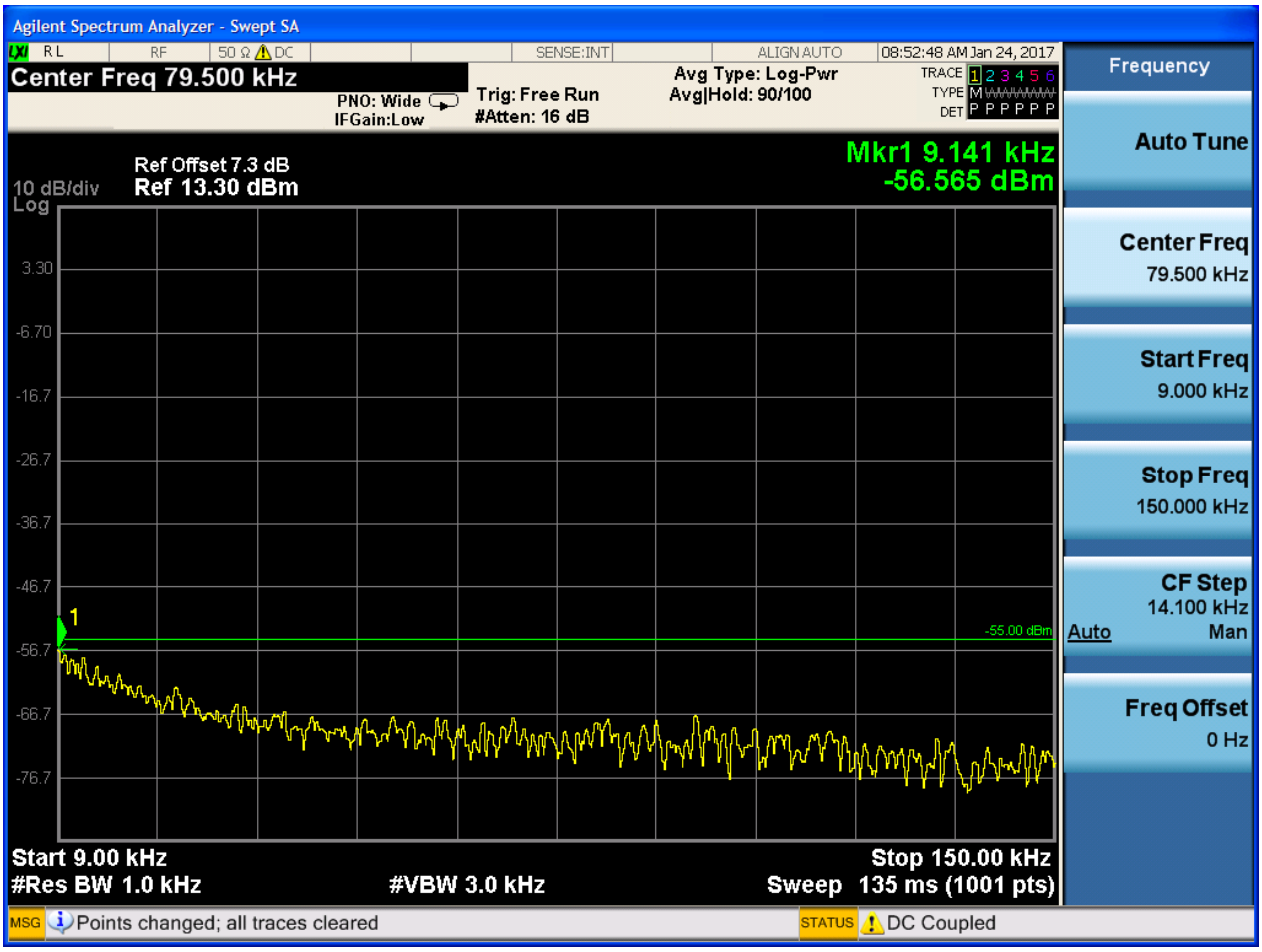
6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



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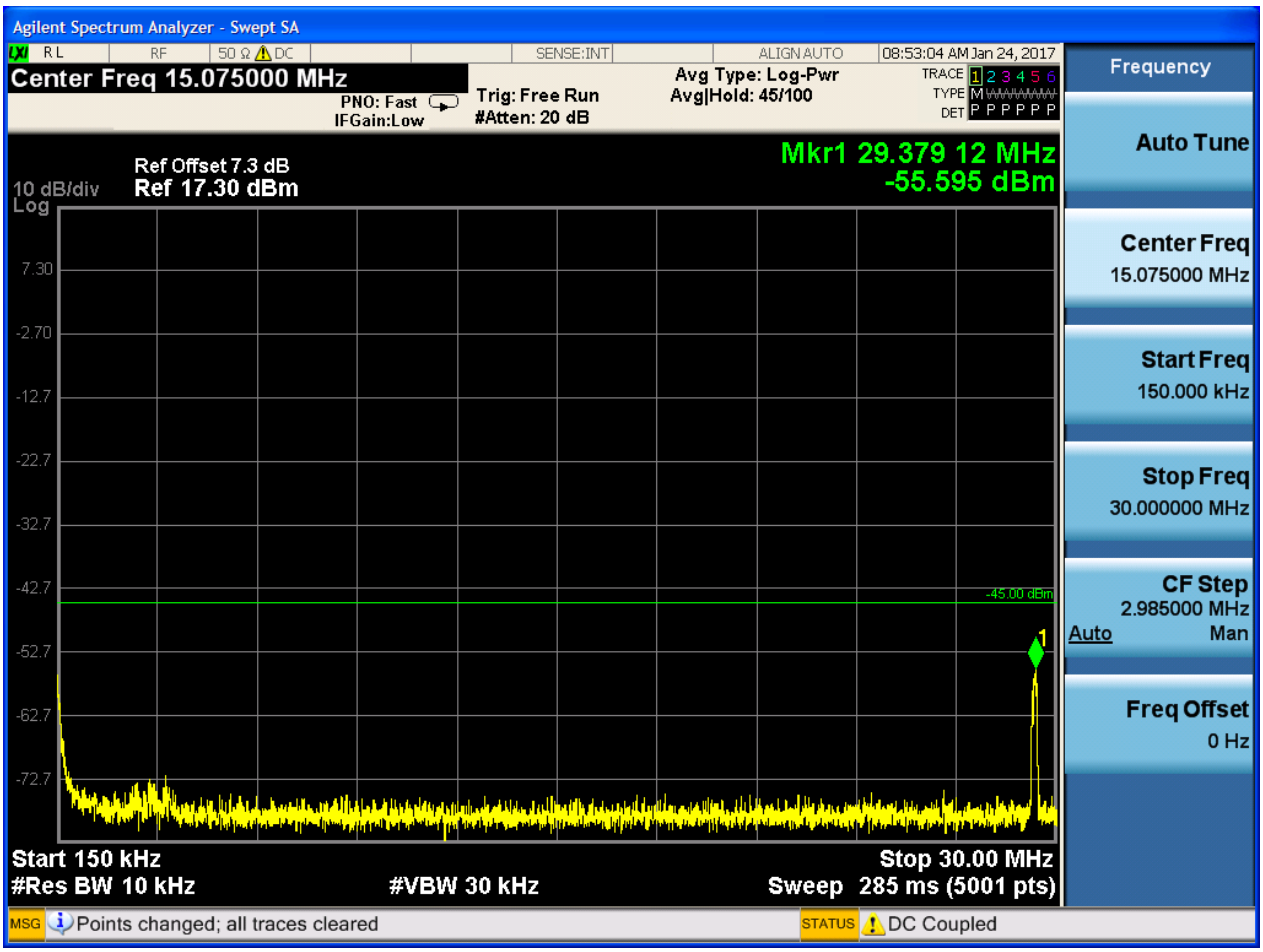

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