Appendix for test report

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	21.51	22.41	33	PASS
				RB1#13	21.76	22.66	33	PASS
				RB1#24	21.49	22.39	33	PASS
				RB12#0	20.83	21.73	33	PASS
				RB12#6	20.92	21.82	33	PASS
				RB12#13	20.75	21.65	33	PASS
				RB25#0	20.83	21.73	33	PASS
			MCH	RB1#0	21.56	22.46	33	PASS
				RB1#13	21.74	22.64	33	PASS
				RB1#24	21.27	22.17	33	PASS
				RB12#0	20.73	21.63	33	PASS
				RB12#6	20.76	21.66	33	PASS
				RB12#13	20.56	21.46	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.64	21.54	33	PASS
			HCH	RB1#0	21.92	22.82	33	PASS
				RB1#13	22.18	23.08	33	PASS
				RB1#24	21.69	22.59	33	PASS
				RB12#0	21.15	22.05	33	PASS
				RB12#6	21.19	22.09	33	PASS
				RB12#13	21	21.9	33	PASS
				RB25#0	21.08	21.98	33	PASS
		10	LCH	RB1#0	21.35	22.25	33	PASS
				RB1#25	21.9	22.8	33	PASS
				RB1#49	21.44	22.34	33	PASS
				RB25#0	20.84	21.74	33	PASS
				RB25#13	20.96	21.86	33	PASS
				RB25#25	20.8	21.7	33	PASS
				RB50#0	20.81	21.71	33	PASS
			MCH	RB1#0	21.49	22.39	33	PASS
				RB1#25	21.77	22.67	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.41	22.31	33	PASS
				RB25#0	20.72	21.62	33	PASS
				RB25#13	20.71	21.61	33	PASS
				RB25#25	20.59	21.49	33	PASS
				RB50#0	20.65	21.55	33	PASS
			HCH	RB1#0	21.78	22.68	33	PASS
				RB1#25	22.18	23.08	33	PASS
				RB1#49	21.71	22.61	33	PASS
				RB25#0	21	21.9	33	PASS
				RB25#13	21.04	21.94	33	PASS
				RB25#25	20.94	21.84	33	PASS
				RB50#0	20.93	21.83	33	PASS
		15	LCH	RB1#0	21.18	22.08	33	PASS
				RB1#38	21.88	22.78	33	PASS
				RB1#74	21.22	22.12	33	PASS
				RB36#0	20.81	21.71	33	PASS
				RB36#18	20.92	21.82	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB36#39	20.79	21.69	33	PASS
				RB75#0	20.76	21.66	33	PASS
			MCH	RB1#0	21.35	22.25	33	PASS
				RB1#38	21.73	22.63	33	PASS
				RB1#74	21.24	22.14	33	PASS
				RB36#0	20.62	21.52	33	PASS
				RB36#18	20.75	21.65	33	PASS
				RB36#39	20.55	21.45	33	PASS
				RB75#0	20.61	21.51	33	PASS
			HCH	RB1#0	21.53	22.43	33	PASS
				RB1#38	22.16	23.06	33	PASS
				RB1#74	21.54	22.44	33	PASS
				RB36#0	20.86	21.76	33	PASS
				RB36#18	21.01	21.91	33	PASS
				RB36#39	20.87	21.77	33	PASS
				RB75#0	20.86	21.76	33	PASS
		20	LCH	RB1#0	21.56	22.46	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#50	21.97	22.87	33	PASS
				RB1#99	21.49	22.39	33	PASS
				RB50#0	20.91	21.81	33	PASS
				RB50#25	20.96	21.86	33	PASS
				RB50#50	20.79	21.69	33	PASS
				RB100#0	20.89	21.79	33	PASS
			MCH	RB1#0	21.61	22.51	33	PASS
				RB1#50	21.73	22.63	33	PASS
				RB1#99	21.52	22.42	33	PASS
				RB50#0	20.91	21.81	33	PASS
				RB50#25	20.85	21.75	33	PASS
				RB50#50	20.73	21.63	33	PASS
				RB100#0	20.82	21.72	33	PASS
			HCH	RB1#0	21.67	22.57	33	PASS
				RB1#50	22.13	23.03	33	PASS
				RB1#99	21.84	22.74	33	PASS
				RB50#0	20.9	21.8	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.98	21.88	33	PASS
				RB50#50	21.06	21.96	33	PASS
				RB100#0	20.92	21.82	33	PASS
	LTE/TM2	5	LCH	RB1#0	21.02	21.92	33	PASS
				RB1#13	21.27	22.17	33	PASS
				RB1#24	20.96	21.86	33	PASS
				RB12#0	20.83	21.73	33	PASS
				RB12#6	20.98	21.88	33	PASS
				RB12#13	20.77	21.67	33	PASS
				RB25#0	20.71	21.61	33	PASS
			MCH	RB1#0	21.04	21.94	33	PASS
				RB1#13	21.2	22.1	33	PASS
				RB1#24	20.75	21.65	33	PASS
				RB12#0	20.76	21.66	33	PASS
				RB12#6	20.79	21.69	33	PASS
				RB12#13	20.59	21.49	33	PASS
				RB25#0	20.61	21.51	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.14	22.04	33	PASS
				RB1#13	21.36	22.26	33	PASS
				RB1#24	20.86	21.76	33	PASS
				RB12#0	21.15	22.05	33	PASS
				RB12#6	21.2	22.1	33	PASS
				RB12#13	21.01	21.91	33	PASS
				RB25#0	21.09	21.99	33	PASS
		10	LCH	RB1#0	20.82	21.72	33	PASS
				RB1#25	21.31	22.21	33	PASS
				RB1#49	20.86	21.76	33	PASS
				RB25#0	20.77	21.67	33	PASS
				RB25#13	20.88	21.78	33	PASS
				RB25#25	20.72	21.62	33	PASS
				RB50#0	20.75	21.65	33	PASS
			MCH	RB1#0	20.94	21.84	33	PASS
				RB1#25	21.21	22.11	33	PASS
				RB1#49	20.85	21.75	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.75	21.65	33	PASS
				RB25#13	20.72	21.62	33	PASS
				RB25#25	20.62	21.52	33	PASS
				RB50#0	20.63	21.53	33	PASS
			HCH	RB1#0	21.05	21.95	33	PASS
				RB1#25	21.47	22.37	33	PASS
				RB1#49	21.02	21.92	33	PASS
				RB25#0	20.97	21.87	33	PASS
				RB25#13	20.99	21.89	33	PASS
				RB25#25	20.9	21.8	33	PASS
				RB50#0	20.9	21.8	33	PASS
		15	LCH	RB1#0	20.72	21.62	33	PASS
				RB1#38	21.33	22.23	33	PASS
				RB1#74	20.7	21.6	33	PASS
				RB36#0	20.8	21.7	33	PASS
				RB36#18	20.92	21.82	33	PASS
				RB36#39	20.78	21.68	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	20.74	21.64	33	PASS
			MCH	RB1#0	20.73	21.63	33	PASS
				RB1#38	21.09	21.99	33	PASS
				RB1#74	20.59	21.49	33	PASS
				RB36#0	20.61	21.51	33	PASS
				RB36#18	20.76	21.66	33	PASS
				RB36#39	20.57	21.47	33	PASS
				RB75#0	20.61	21.51	33	PASS
			HCH	RB1#0	20.74	21.64	33	PASS
				RB1#38	21.36	22.26	33	PASS
				RB1#74	20.77	21.67	33	PASS
				RB36#0	20.78	21.68	33	PASS
				RB36#18	21.03	21.93	33	PASS
				RB36#39	20.88	21.78	33	PASS
				RB75#0	20.88	21.78	33	PASS
		20	LCH	RB1#0	20.98	21.88	33	PASS
				RB1#50	21.42	22.32	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#99	20.94	21.84	33	PASS
				RB50#0	20.87	21.77	33	PASS
				RB50#25	20.92	21.82	33	PASS
				RB50#50	20.76	21.66	33	PASS
				RB100#0	20.88	21.78	33	PASS
			MCH	RB1#0	21.18	22.08	33	PASS
				RB1#50	21.32	22.22	33	PASS
				RB1#99	21.17	22.07	33	PASS
				RB50#0	20.84	21.74	33	PASS
				RB50#25	20.79	21.69	33	PASS
				RB50#50	20.66	21.56	33	PASS
				RB100#0	20.76	21.66	33	PASS
			HCH	RB1#0	21.13	22.03	33	PASS
				RB1#50	21.5	22.4	33	PASS
				RB1#99	21.19	22.09	33	PASS
				RB50#0	20.85	21.75	33	PASS
				RB50#25	20.93	21.83	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	21	21.9	33	PASS
				RB100#0	20.86	21.76	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

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	4.31	13	PASS
				RB1#13	4.27	13	PASS
				RB1#24	4.4	13	PASS
				RB12#0	6.07	13	PASS
				RB12#6	6.15	13	PASS
				RB12#13	6.21	13	PASS
				RB25#0	6.18	13	PASS
			MCH	RB1#0	5.06	13	PASS
				RB1#13	4.95	13	PASS
				RB1#24	5.13	13	PASS
				RB12#0	6.04	13	PASS
				RB12#6	6.14	13	PASS
				RB12#13	6.05	13	PASS
				RB25#0	6.15	13	PASS
			HCH	RB1#0	5.01	13	PASS
				RB1#13	4.92	13	PASS
				RB1#24	5.06	13	PASS
				RB12#0	6.11	13	PASS
				RB12#6	5.72	13	PASS
				RB12#13	6.01	13	PASS
				RB25#0	6.44	13	PASS
		10	LCH	RB1#0	5.18	13	PASS
				RB1#25	4.98	13	PASS
				RB1#49	5.21	13	PASS
				RB25#0	6.1	13	PASS
				RB25#13	6.12	13	PASS
				RB25#25	6.09	13	PASS
				RB50#0	6.41	13	PASS
			MCH	RB1#0	4.95	13	PASS
				RB1#25	4.83	13	PASS
				RB1#49	4.96	13	PASS
				RB25#0	6.31	13	PASS
				RB25#13	6.17	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.41	13	PASS
				RB50#0	6.81	13	PASS
			HCH	RB1#0	5.12	13	PASS
				RB1#25	4.93	13	PASS
				RB1#49	5.14	13	PASS
				RB25#0	6.43	13	PASS
				RB25#13	6.63	13	PASS
				RB25#25	6.49	13	PASS
				RB50#0	6.46	13	PASS
		15	LCH	RB1#0	5.4	13	PASS
				RB1#38	5.23	13	PASS
				RB1#74	5.46	13	PASS
				RB36#0	6.4	13	PASS
				RB36#18	6.2	13	PASS
				RB36#39	6.36	13	PASS
				RB75#0	6.39	13	PASS
			MCH	RB1#0	5.89	13	PASS
				RB1#38	5.69	13	PASS
				RB1#74	5.93	13	PASS
				RB36#0	6.31	13	PASS
				RB36#18	6.56	13	PASS
				RB36#39	6.56	13	PASS
				RB75#0	6.54	13	PASS
			HCH	RB1#0	5.03	13	PASS
				RB1#38	4.85	13	PASS
				RB1#74	5.04	13	PASS
				RB36#0	6.61	13	PASS
				RB36#18	6.48	13	PASS
				RB36#39	6.37	13	PASS
				RB75#0	6.56	13	PASS
		20	LCH	RB1#0	5.63	13	PASS
				RB1#50	5.47	13	PASS
				RB1#99	5.73	13	PASS
				RB50#0	6.56	13	PASS
				RB50#25	6.13	13	PASS
				RB50#50	6.52	13	PASS
				RB100#0	6.45	13	PASS
			MCH	RB1#0	5.44	13	PASS
				RB1#50	5.32	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	5.59	13	PASS
				RB50#0	6.81	13	PASS
				RB50#25	6.68	13	PASS
				RB50#50	6.86	13	PASS
				RB100#0	7.07	13	PASS
			HCH	RB1#0	5.36	13	PASS
				RB1#50	5.17	13	PASS
				RB1#99	5.23	13	PASS
				RB50#0	6.57	13	PASS
				RB50#25	6.58	13	PASS
				RB50#50	6.29	13	PASS
				RB100#0	6.5	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.54	13	PASS
				RB1#13	5.6	13	PASS
				RB1#24	5.58	13	PASS
				RB12#0	6.45	13	PASS
				RB12#6	6.41	13	PASS
				RB12#13	6.5	13	PASS
				RB25#0	6.85	13	PASS
			MCH	RB1#0	5.78	13	PASS
				RB1#13	5.94	13	PASS
				RB1#24	5.89	13	PASS
				RB12#0	6.37	13	PASS
				RB12#6	6.49	13	PASS
				RB12#13	6.36	13	PASS
				RB25#0	6.82	13	PASS
			HCH	RB1#0	5.63	13	PASS
				RB1#13	5.63	13	PASS
				RB1#24	5.68	13	PASS
				RB12#0	6.24	13	PASS
				RB12#6	6.25	13	PASS
				RB12#13	6.26	13	PASS
				RB25#0	6.74	13	PASS
		10	LCH	RB1#0	5.99	13	PASS
				RB1#25	5.74	13	PASS
				RB1#49	5.89	13	PASS
				RB25#0	6.4	13	PASS
				RB25#13	6.24	13	PASS
				RB25#25	6.49	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.72	13	PASS
			MCH	RB1#0	5.4	13	PASS
				RB1#25	5.16	13	PASS
				RB1#49	5.41	13	PASS
				RB25#0	6.88	13	PASS
				RB25#13	6.52	13	PASS
				RB25#25	6.94	13	PASS
				RB50#0	6.86	13	PASS
			HCH	RB1#0	6.45	13	PASS
				RB1#25	6.14	13	PASS
				RB1#49	6.22	13	PASS
				RB25#0	6.28	13	PASS
				RB25#13	6.31	13	PASS
				RB25#25	6.47	13	PASS
				RB50#0	7.19	13	PASS
		15	LCH	RB1#0	5.97	13	PASS
				RB1#38	5.9	13	PASS
				RB1#74	6.01	13	PASS
				RB36#0	6.66	13	PASS
				RB36#18	6.63	13	PASS
				RB36#39	6.65	13	PASS
				RB75#0	7.01	13	PASS
			MCH	RB1#0	6.16	13	PASS
				RB1#38	6.07	13	PASS
				RB1#74	6.43	13	PASS
				RB36#0	6.73	13	PASS
				RB36#18	6.94	13	PASS
				RB36#39	7.03	13	PASS
				RB75#0	7.33	13	PASS
			HCH	RB1#0	5.78	13	PASS
				RB1#38	5.51	13	PASS
				RB1#74	5.6	13	PASS
				RB36#0	6.96	13	PASS
				RB36#18	6.75	13	PASS
				RB36#39	6.77	13	PASS
				RB75#0	7.13	13	PASS
		20	LCH	RB1#0	6.28	13	PASS
				RB1#50	6.08	13	PASS
				RB1#99	6.37	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	6.69	13	PASS
				RB50#25	6.49	13	PASS
				RB50#50	6.53	13	PASS
				RB100#0	7.11	13	PASS
			MCH	RB1#0	6.12	13	PASS
				RB1#50	6.06	13	PASS
				RB1#99	6.22	13	PASS
				RB50#0	6.89	13	PASS
				RB50#25	6.96	13	PASS
				RB50#50	6.9	13	PASS
				RB100#0	7.25	13	PASS
			HCH	RB1#0	5.84	13	PASS
				RB1#50	5.71	13	PASS
				RB1#99	5.81	13	PASS
				RB50#0	7.02	13	PASS
				RB50#25	6.96	13	PASS
				RB50#50	6.59	13	PASS
				RB100#0	7.05	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

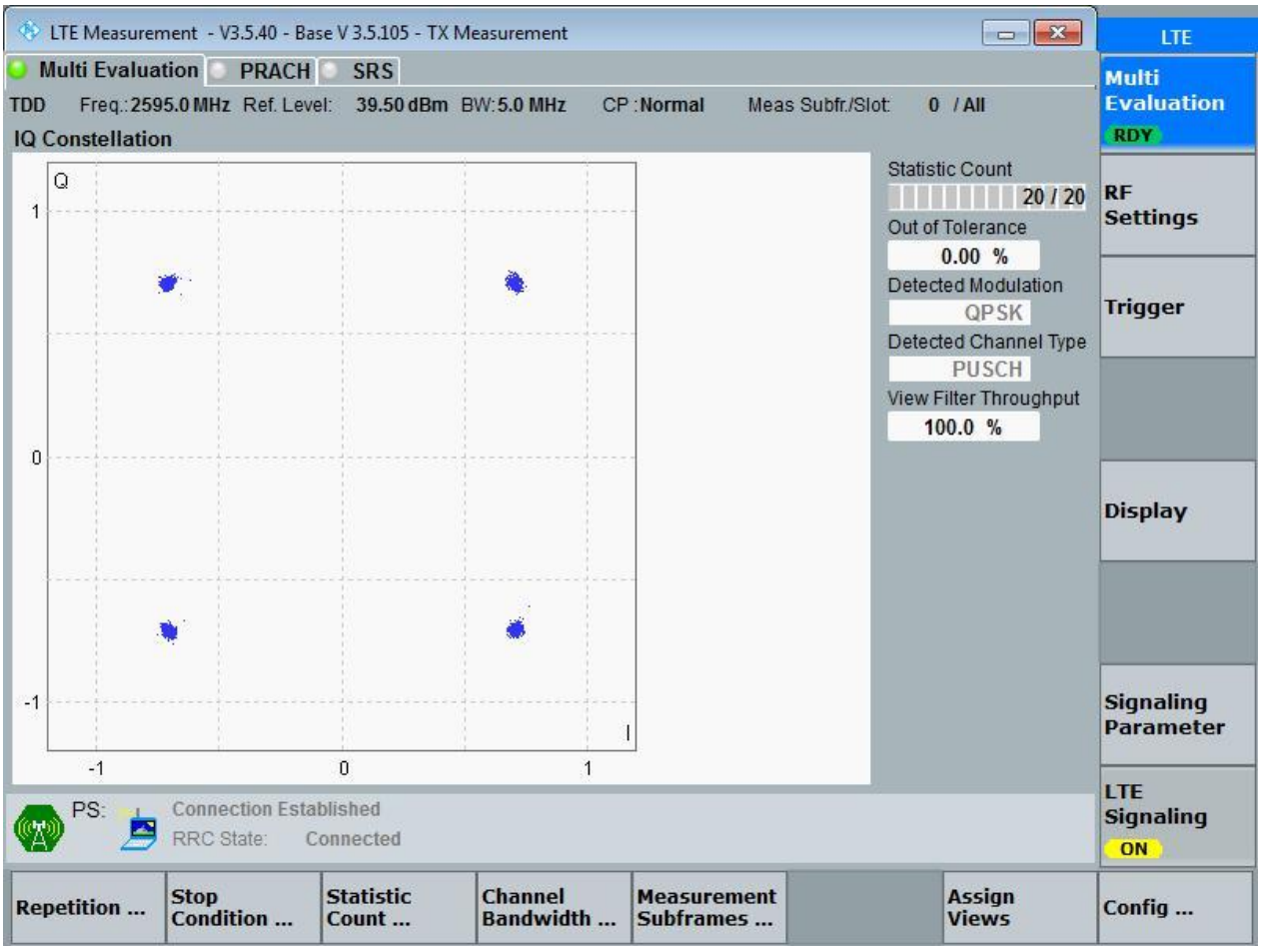
3.1.1 Test Band = BAND38

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

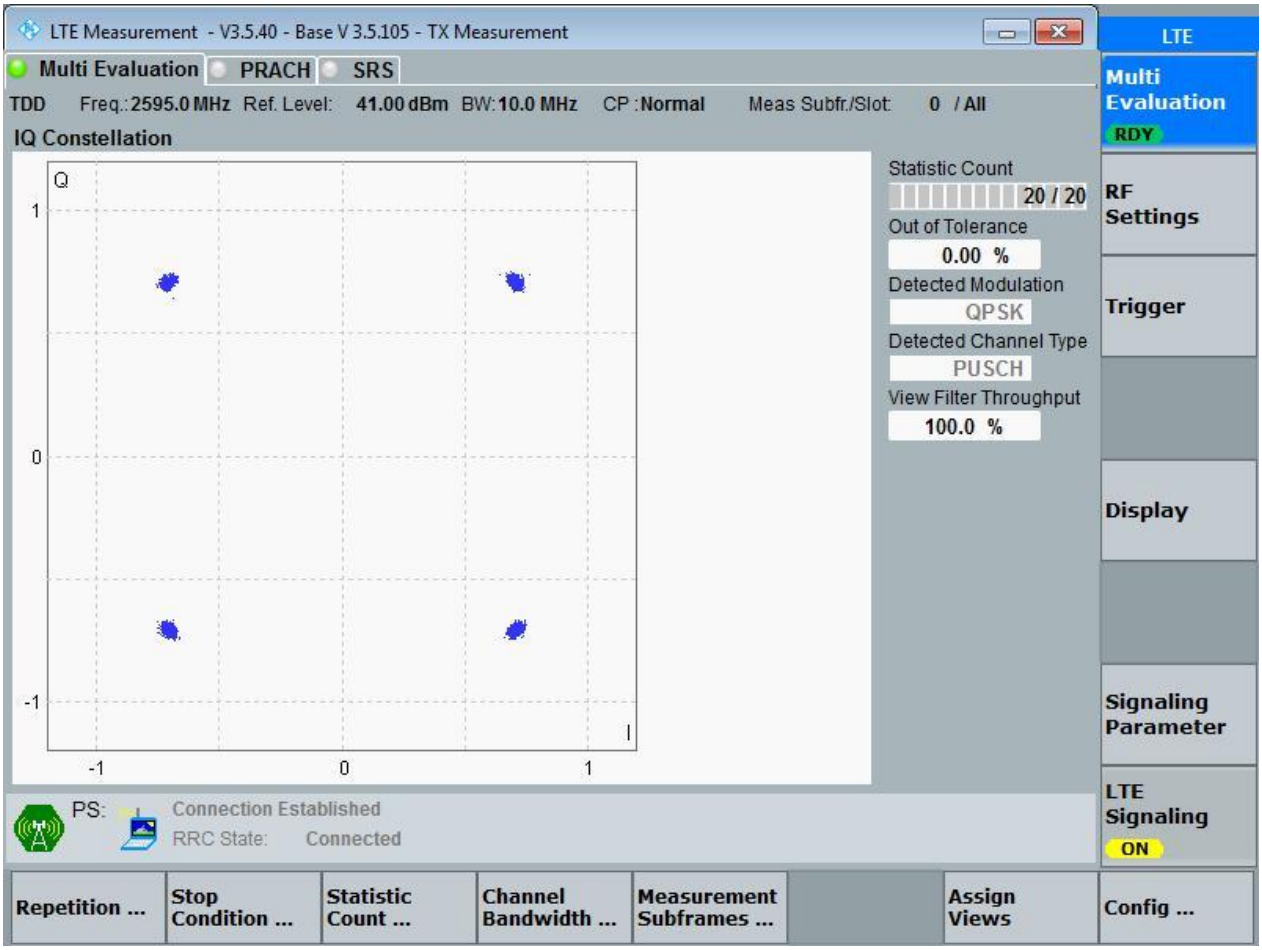
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

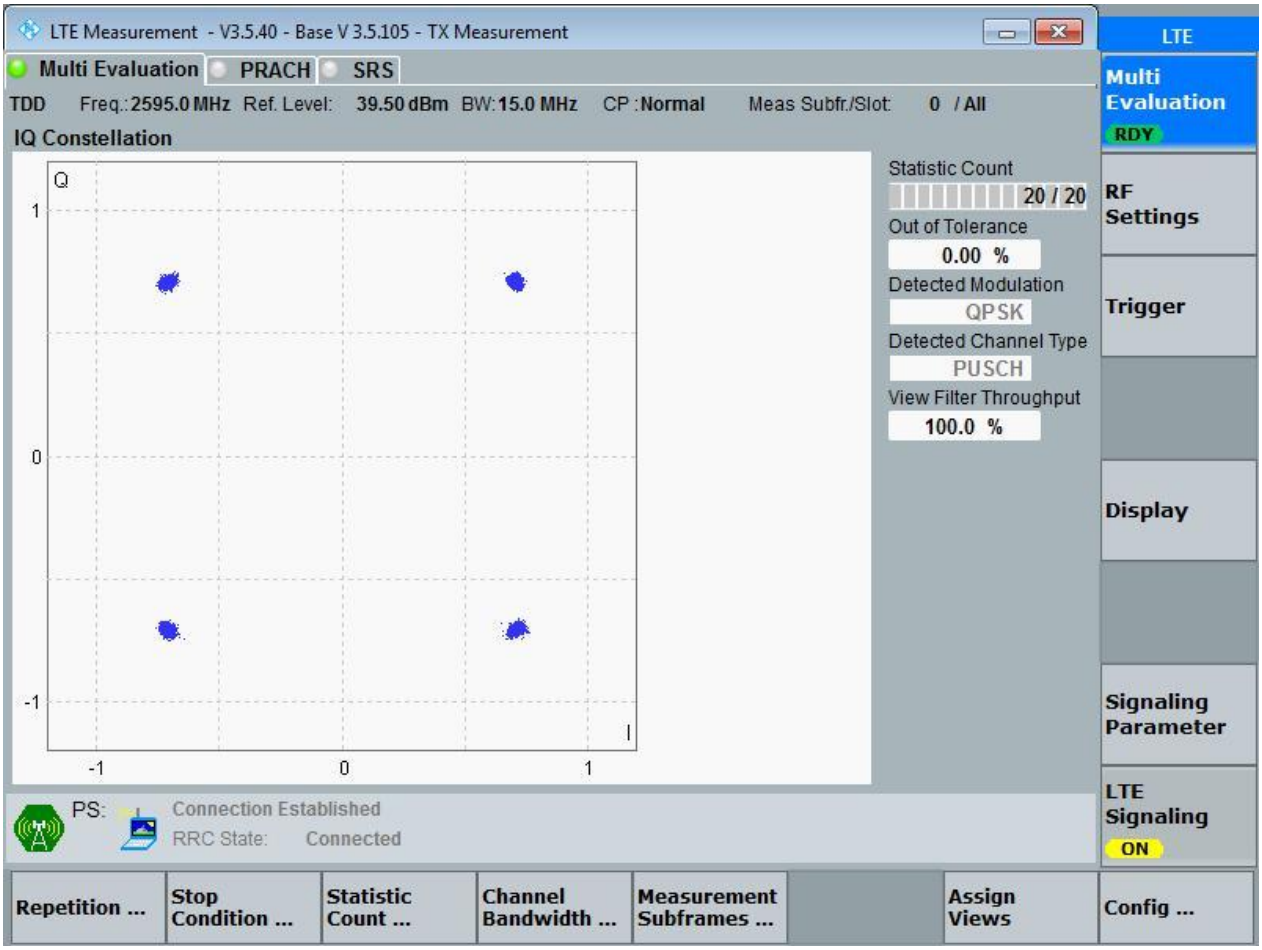
3.1.1.1.2.1.1 Test RB = RB50#0



3.1.1.1.3 Test Bandwidth = 15

3.1.1.1.3.1 Test Channel = MCH

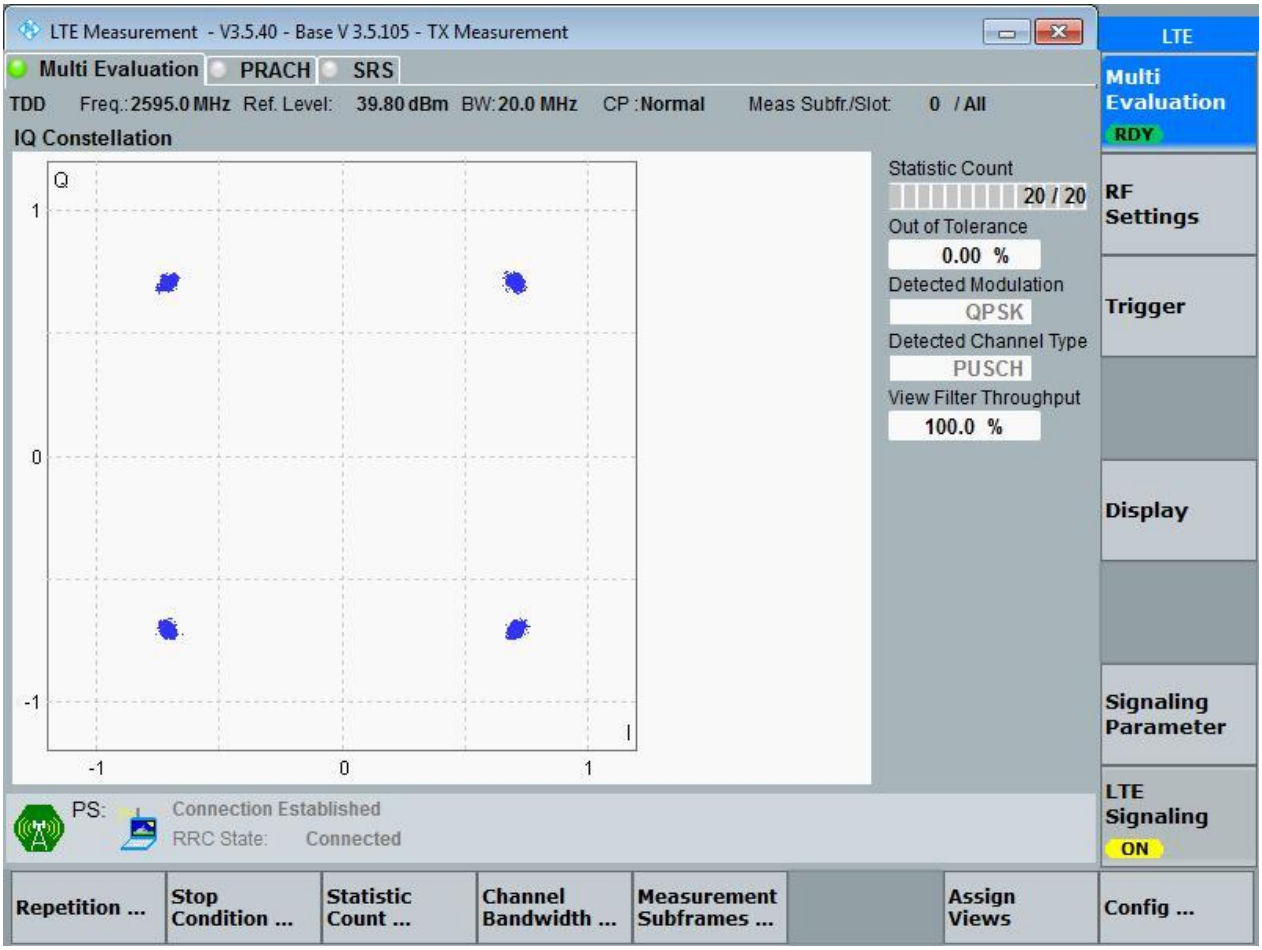
3.1.1.1.3.1.1 Test RB = RB75#0



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

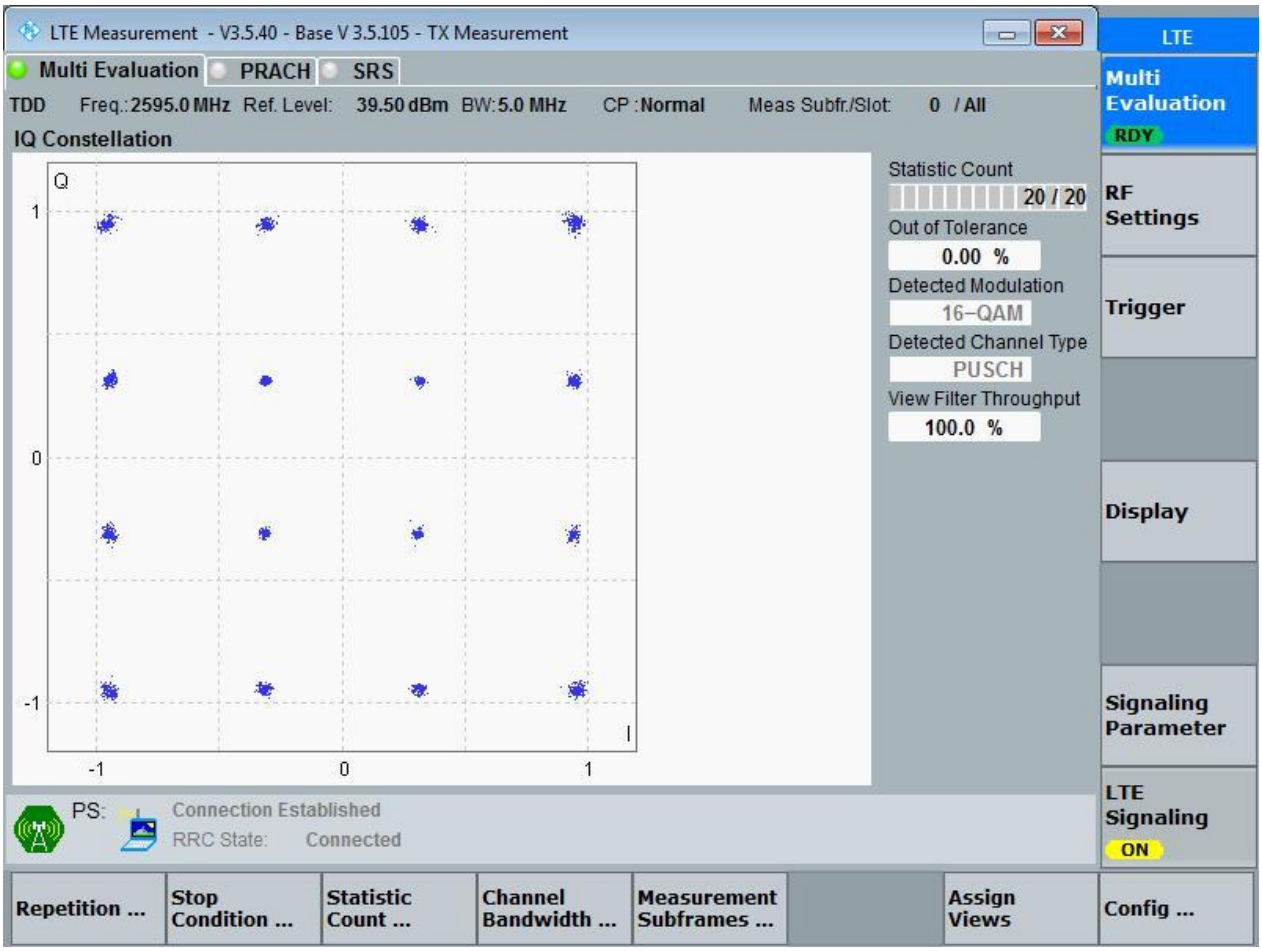


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

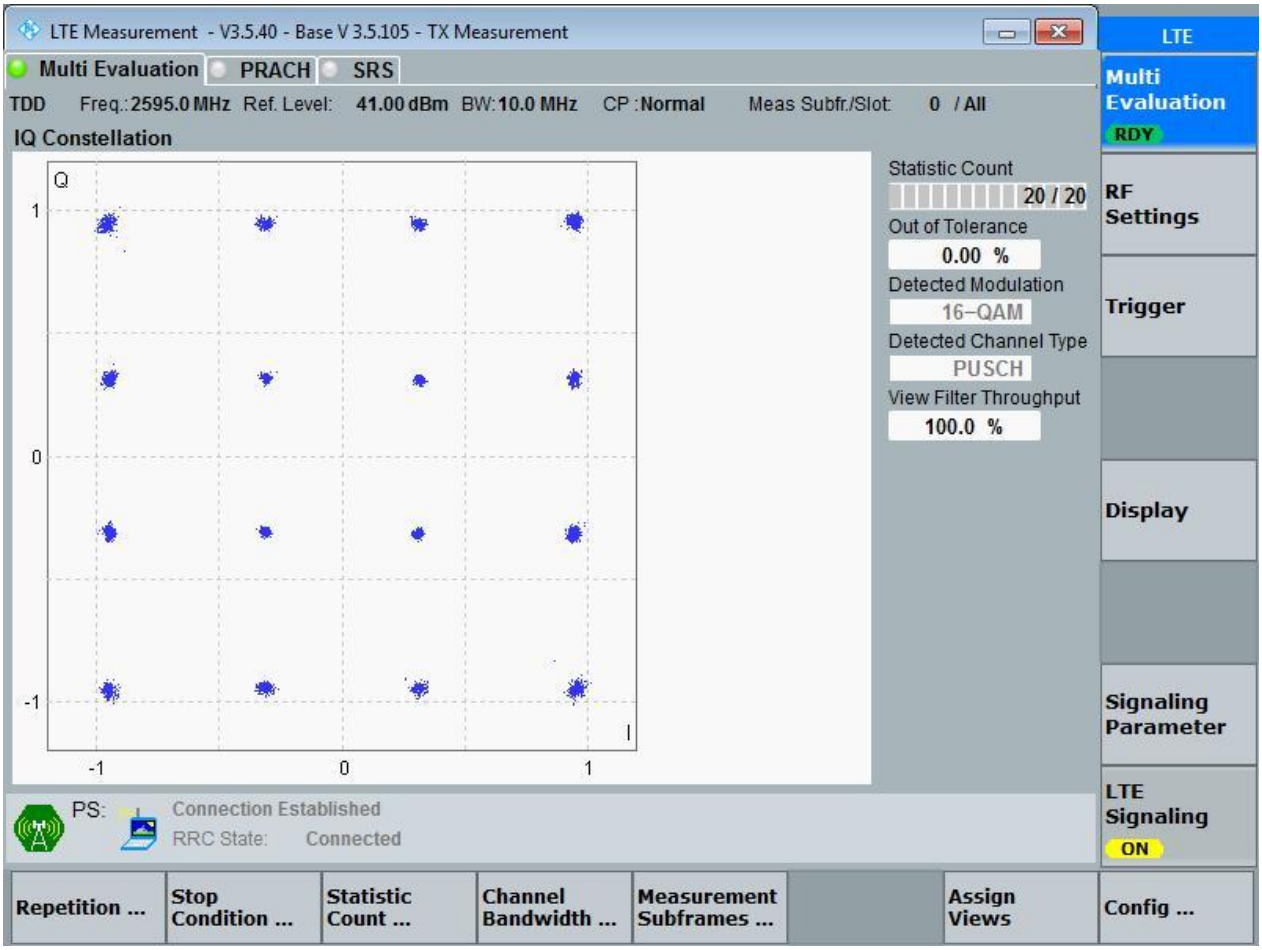
3.1.1.2.1.1.1 Test RB = RB25#0



3.1.1.2.2 Test Bandwidth = 10

3.1.1.2.2.1 Test Channel = MCH

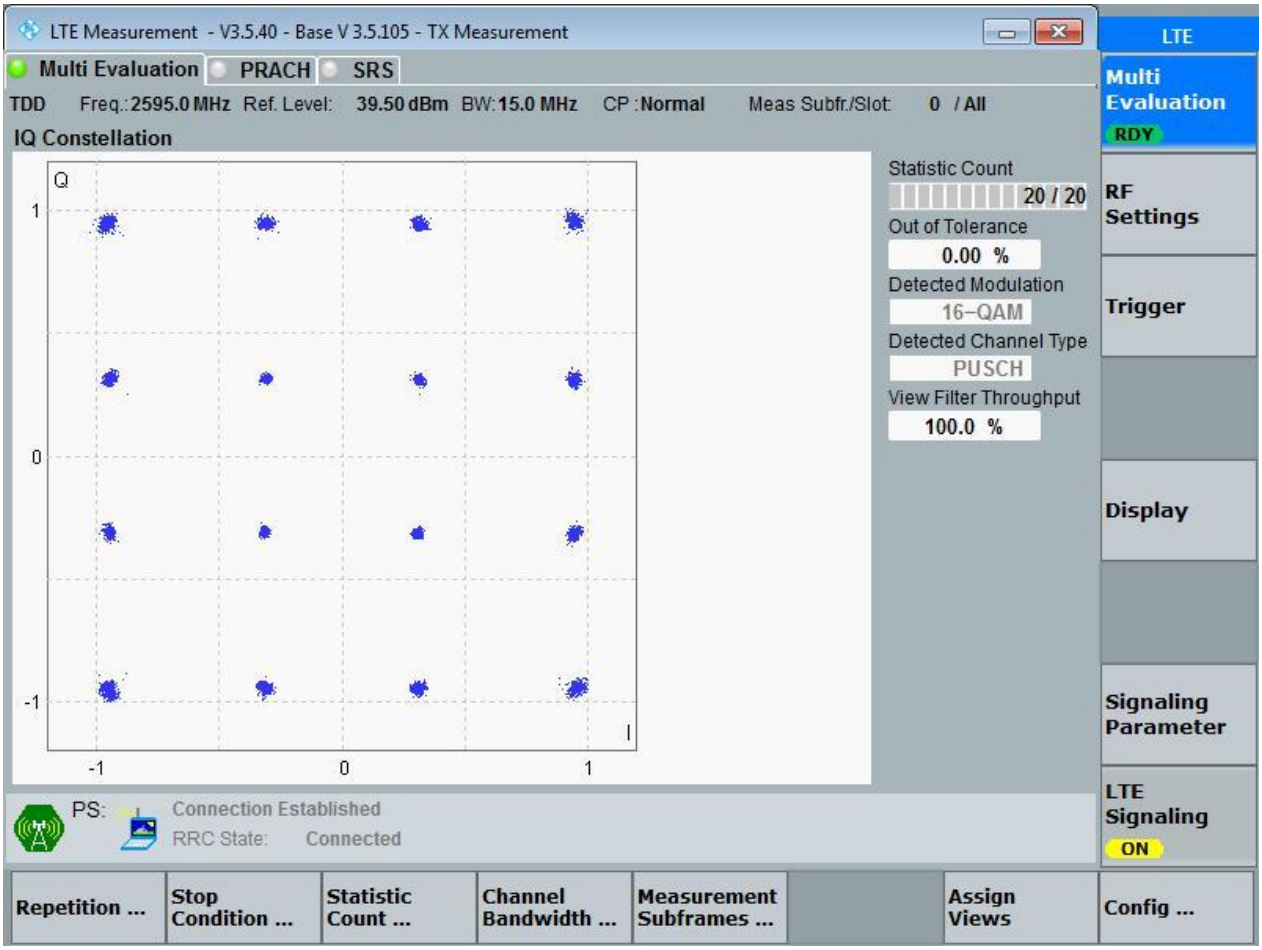
3.1.1.2.2.1.1 Test RB = RB50#0



3.1.1.2.3 Test Bandwidth = 15

3.1.1.2.3.1 Test Channel = MCH

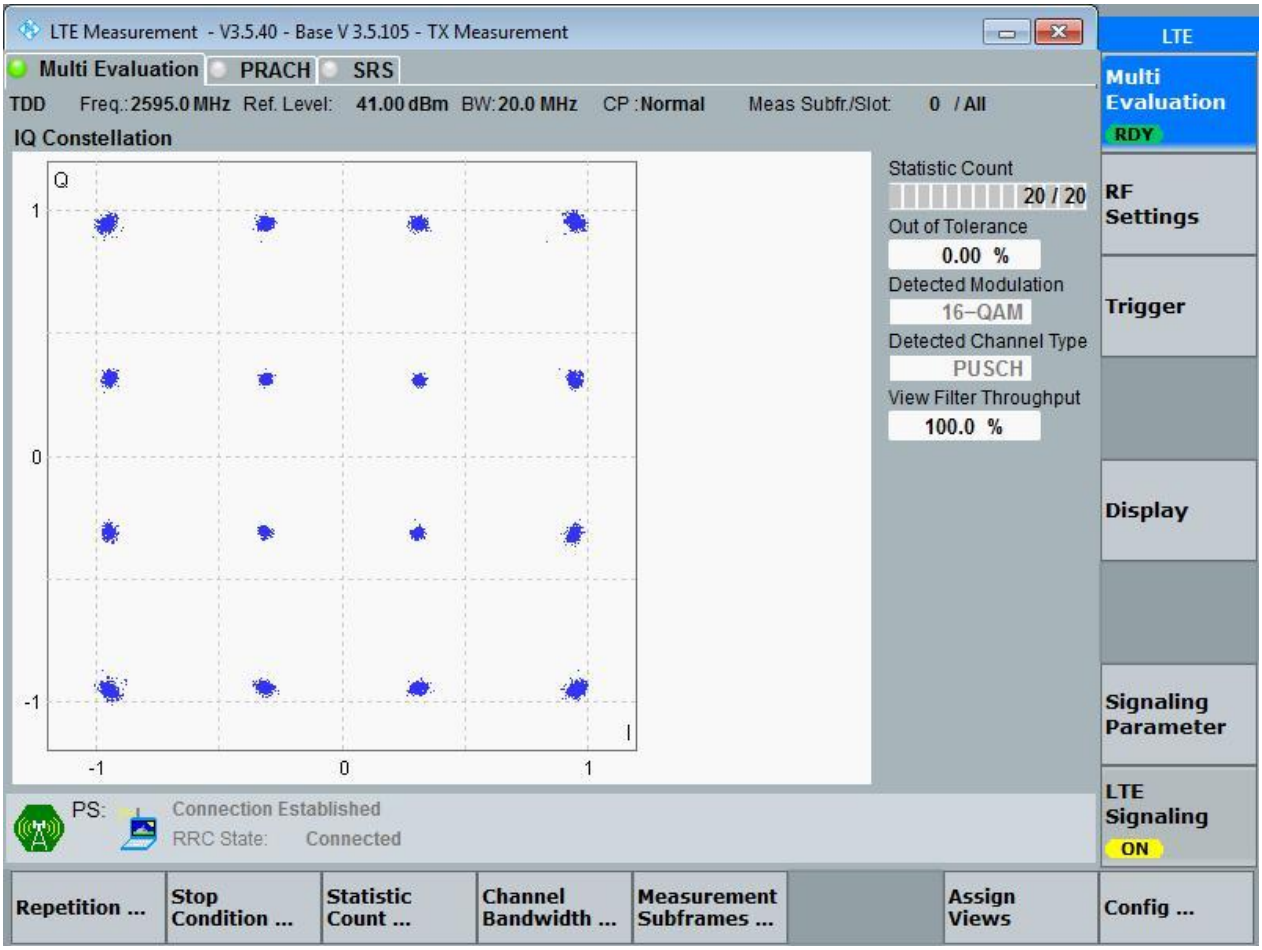
3.1.1.2.3.1.1 Test RB = RB75#0



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



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	4.96	Pass
			MCH	RB25#0	4.49	4.97	Pass
			HCH	RB25#0	4.51	4.99	Pass
		10	LCH	RB50#0	8.97	9.93	Pass
			MCH	RB50#0	8.99	9.86	Pass
			HCH	RB50#0	9.03	11.72	Pass
		15	LCH	RB75#0	13.49	14.99	Pass
			MCH	RB75#0	13.45	15.15	Pass
			HCH	RB75#0	13.52	15.07	Pass
		20	LCH	RB100#0	17.97	19.76	Pass
			MCH	RB100#0	17.99	19.80	Pass
			HCH	RB100#0	17.96	19.77	Pass
	LTE/TM2	5	LCH	RB25#0	4.51	5.17	Pass
			MCH	RB25#0	4.51	4.98	Pass
			HCH	RB25#0	4.50	5.02	Pass
		10	LCH	RB50#0	9.00	9.96	Pass
			MCH	RB50#0	8.97	10.01	Pass
			HCH	RB50#0	9.03	9.89	Pass
		15	LCH	RB75#0	13.48	15.05	Pass
			MCH	RB75#0	13.49	15.34	Pass
			HCH	RB75#0	13.47	15.13	Pass
		20	LCH	RB100#0	17.95	19.90	Pass
			MCH	RB100#0	18.03	19.99	Pass
			HCH	RB100#0	17.99	19.84	Pass

Part II - Test Plots

4.1 For LTE

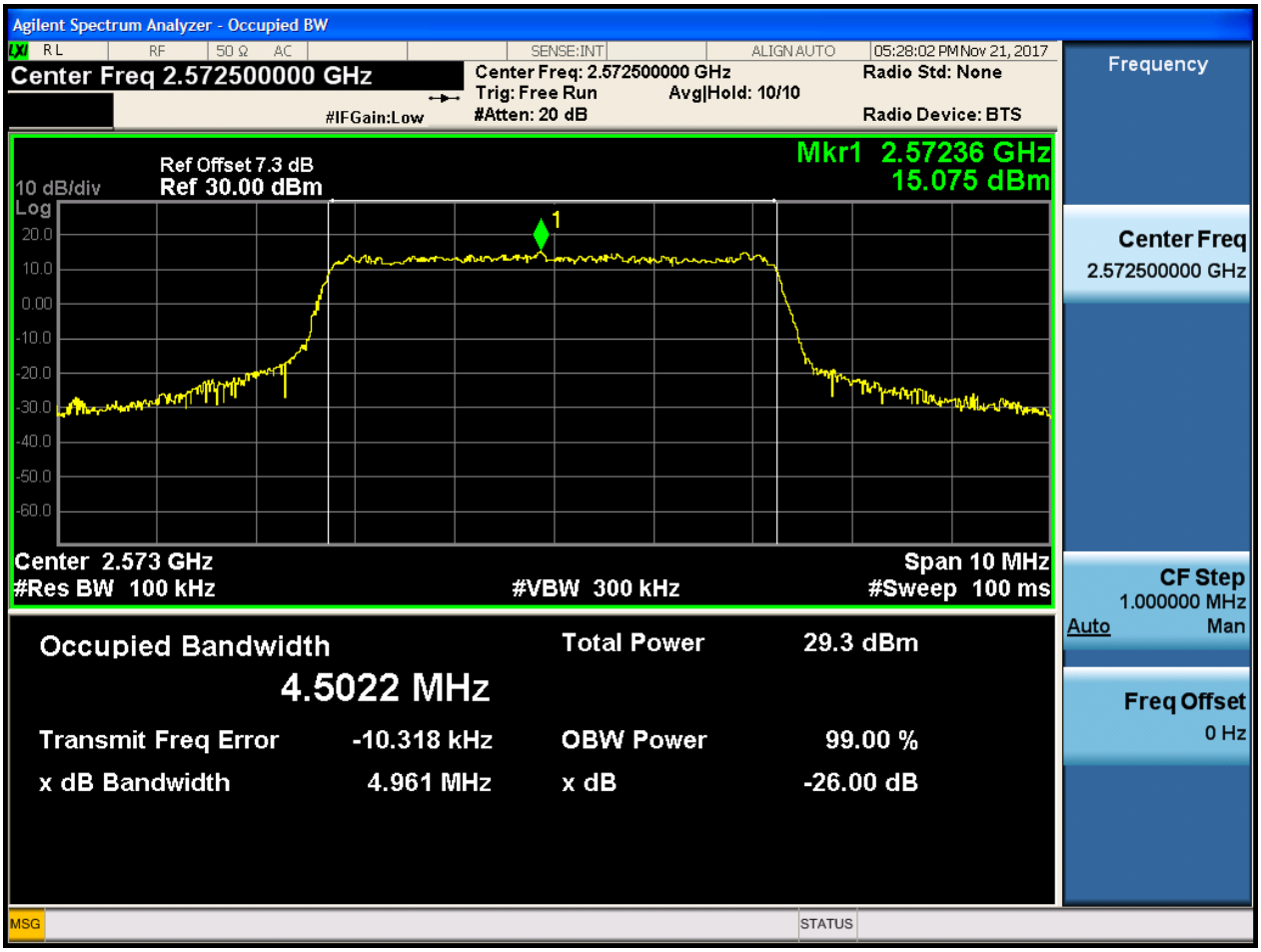
4.1.1 Test Band = BAND38

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 5

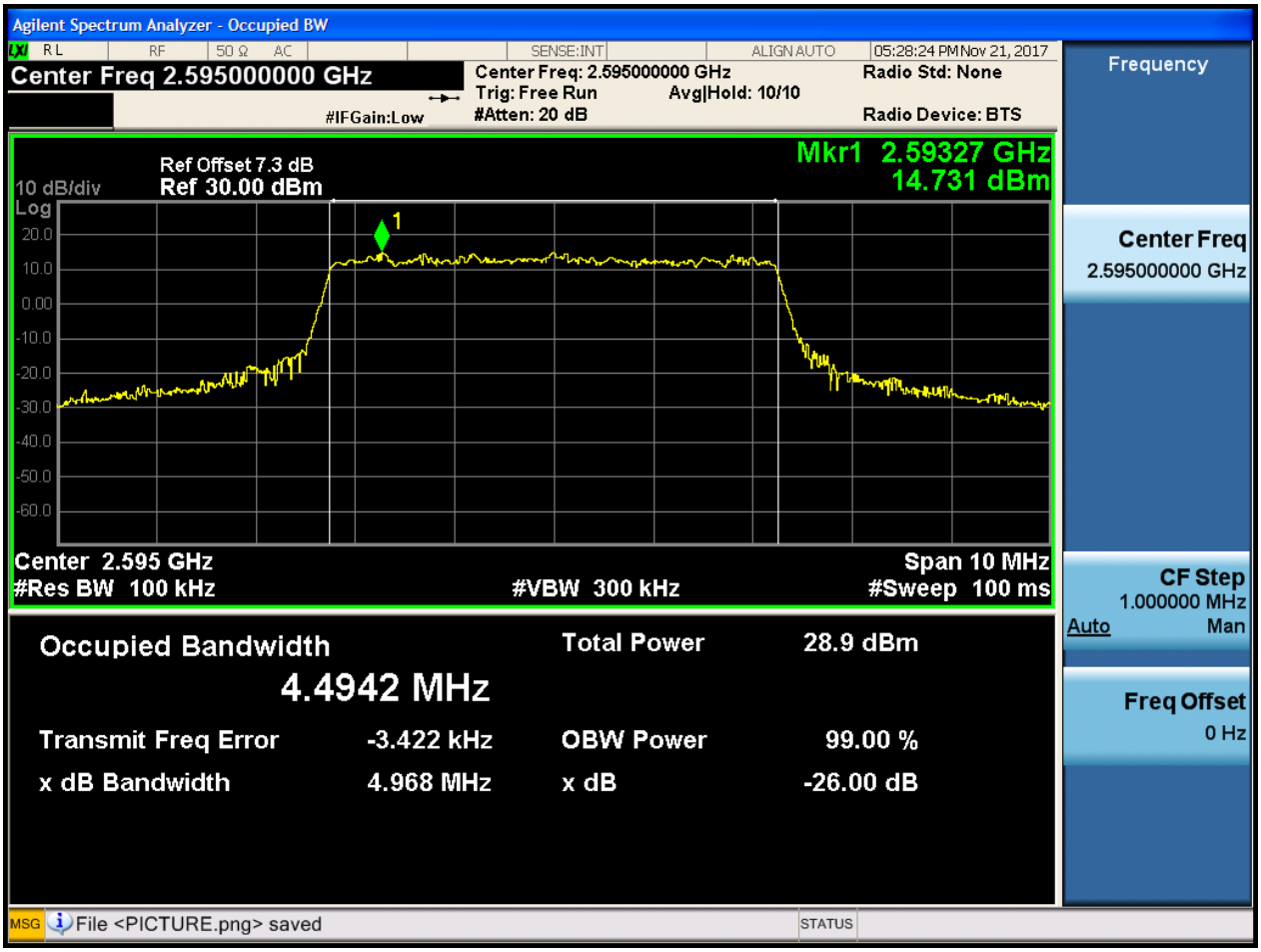
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



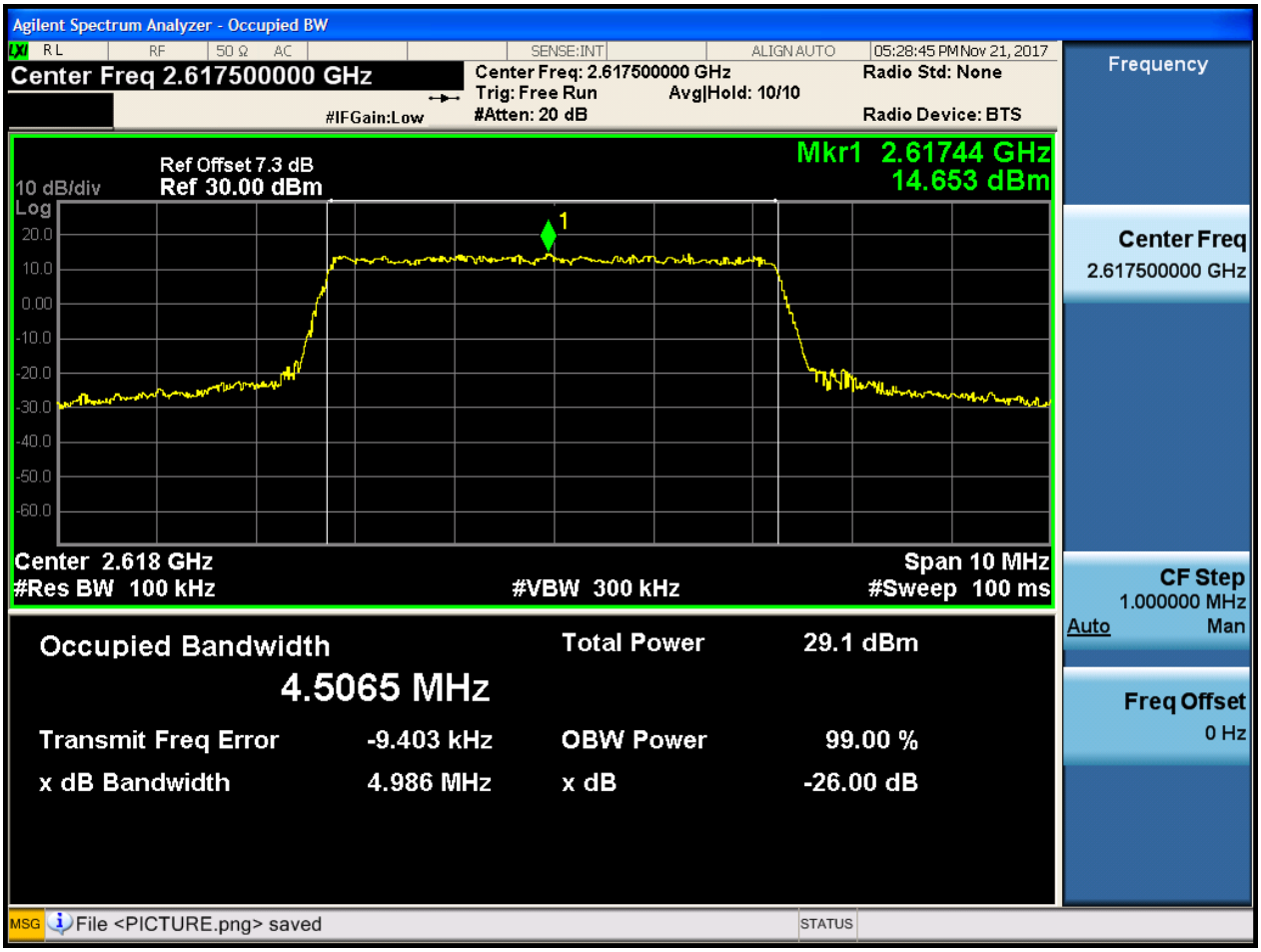
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

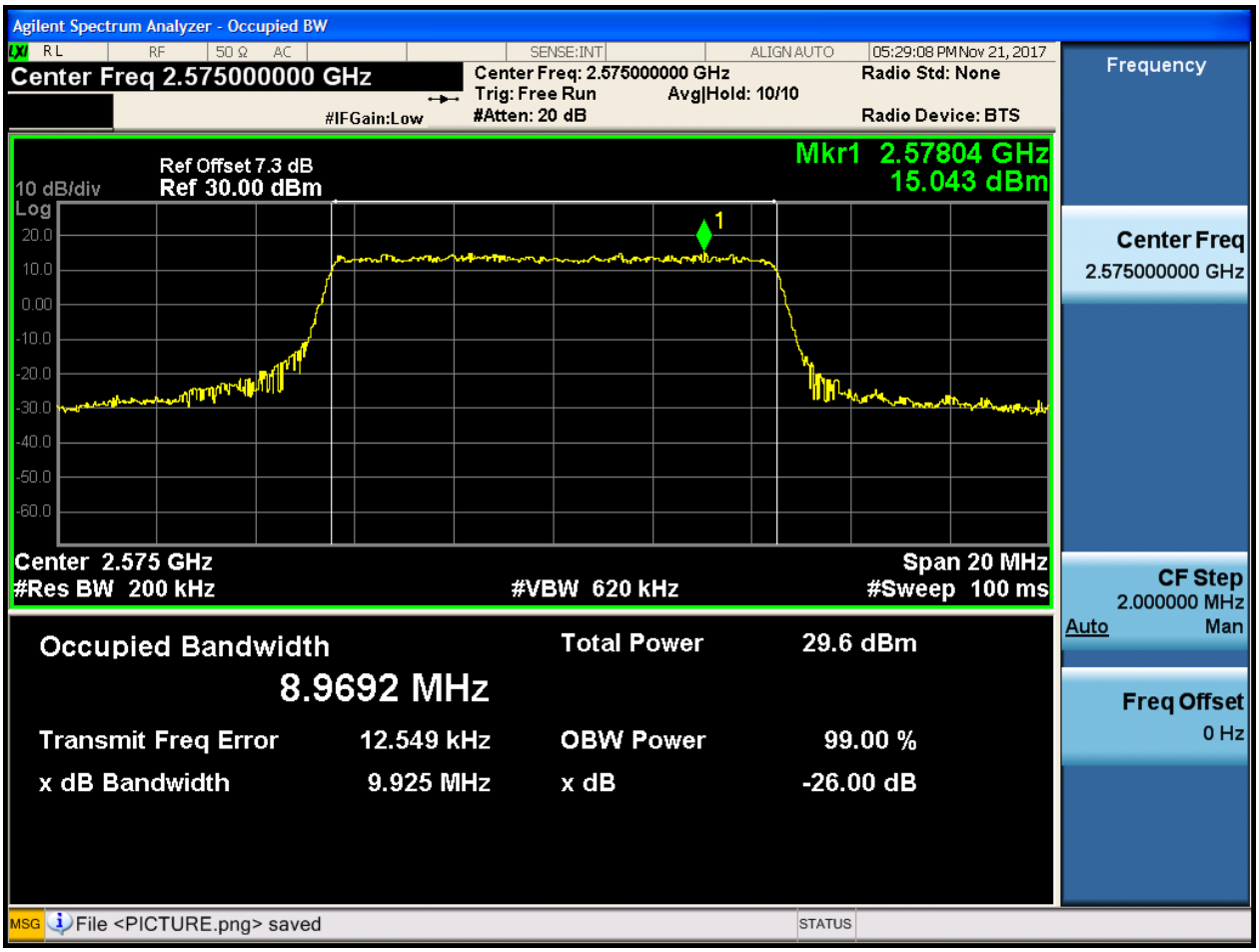
4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

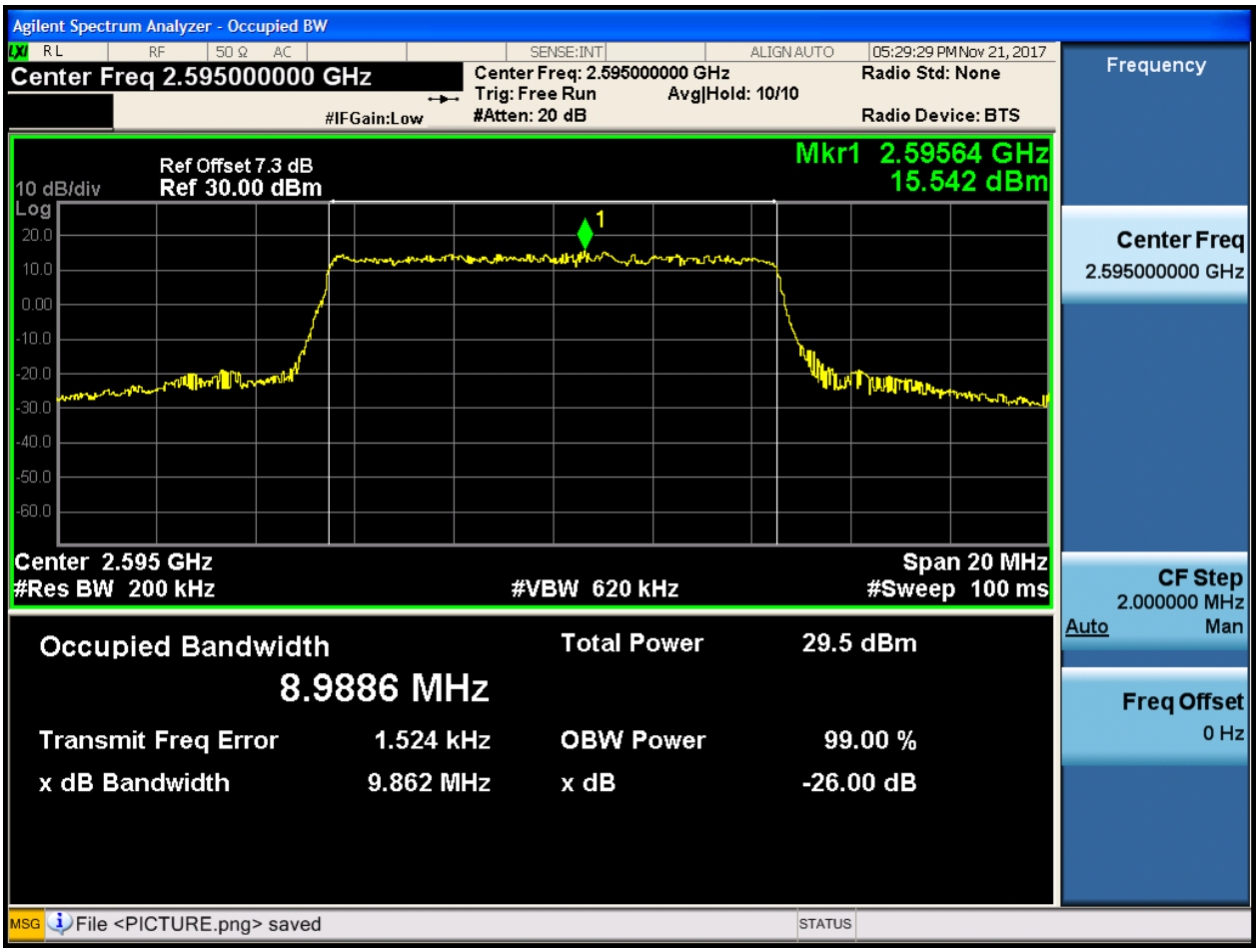
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0



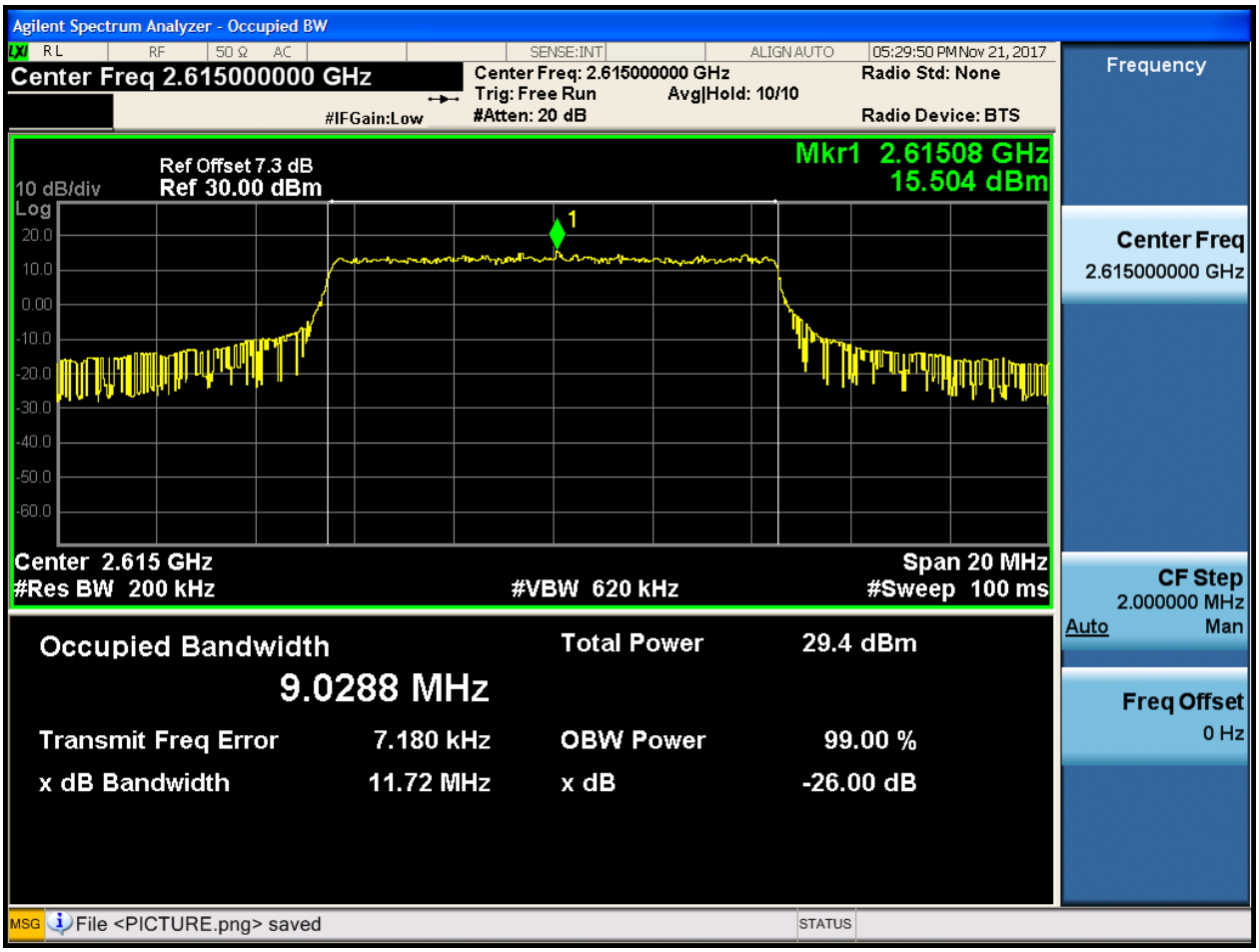
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB50#0



4.1.1.1.2.3 Test Channel = HCH

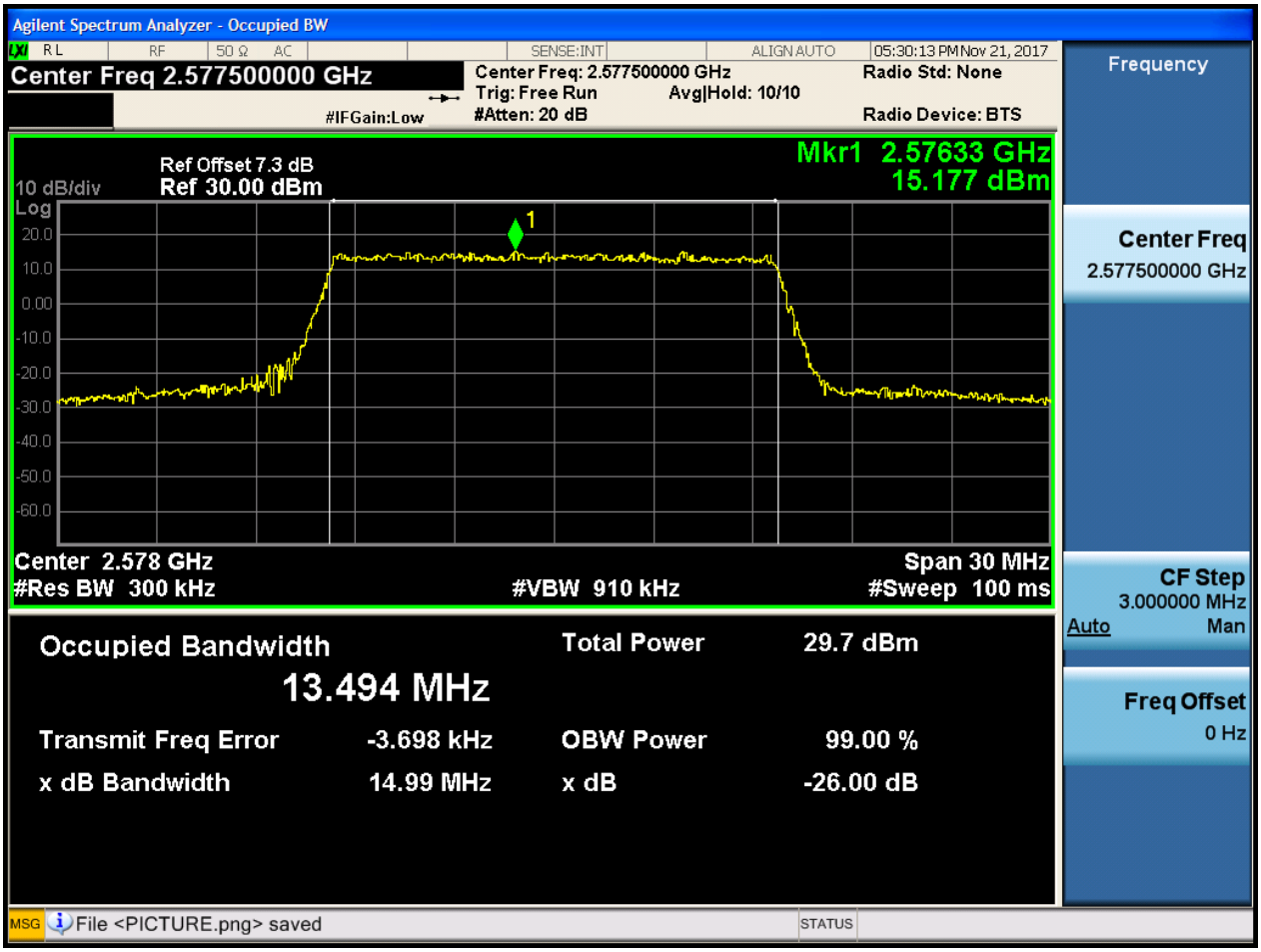
4.1.1.1.2.3.1 Test RB = RB50#0



4.1.1.1.3 Test Bandwidth = 15

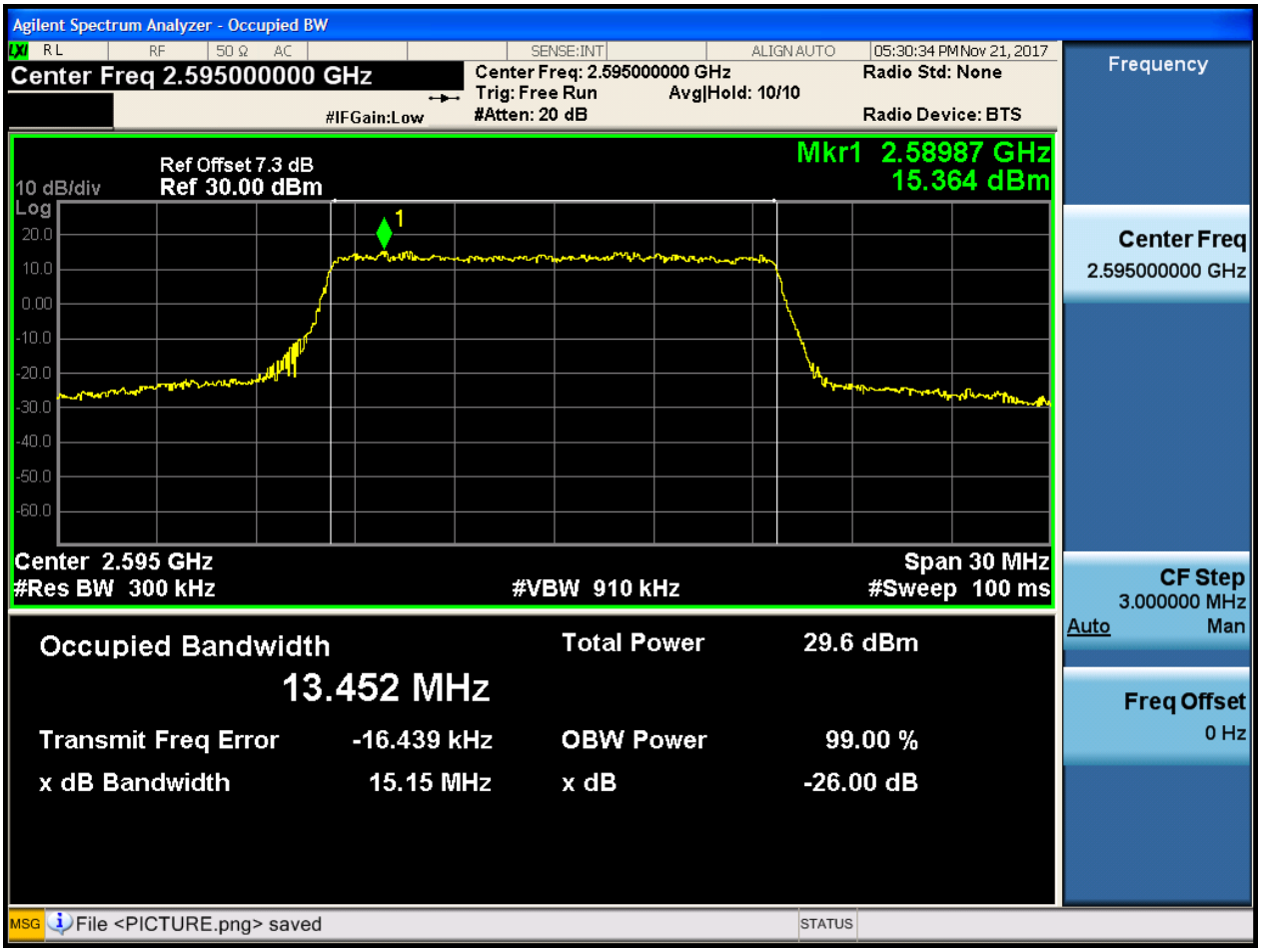
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB75#0



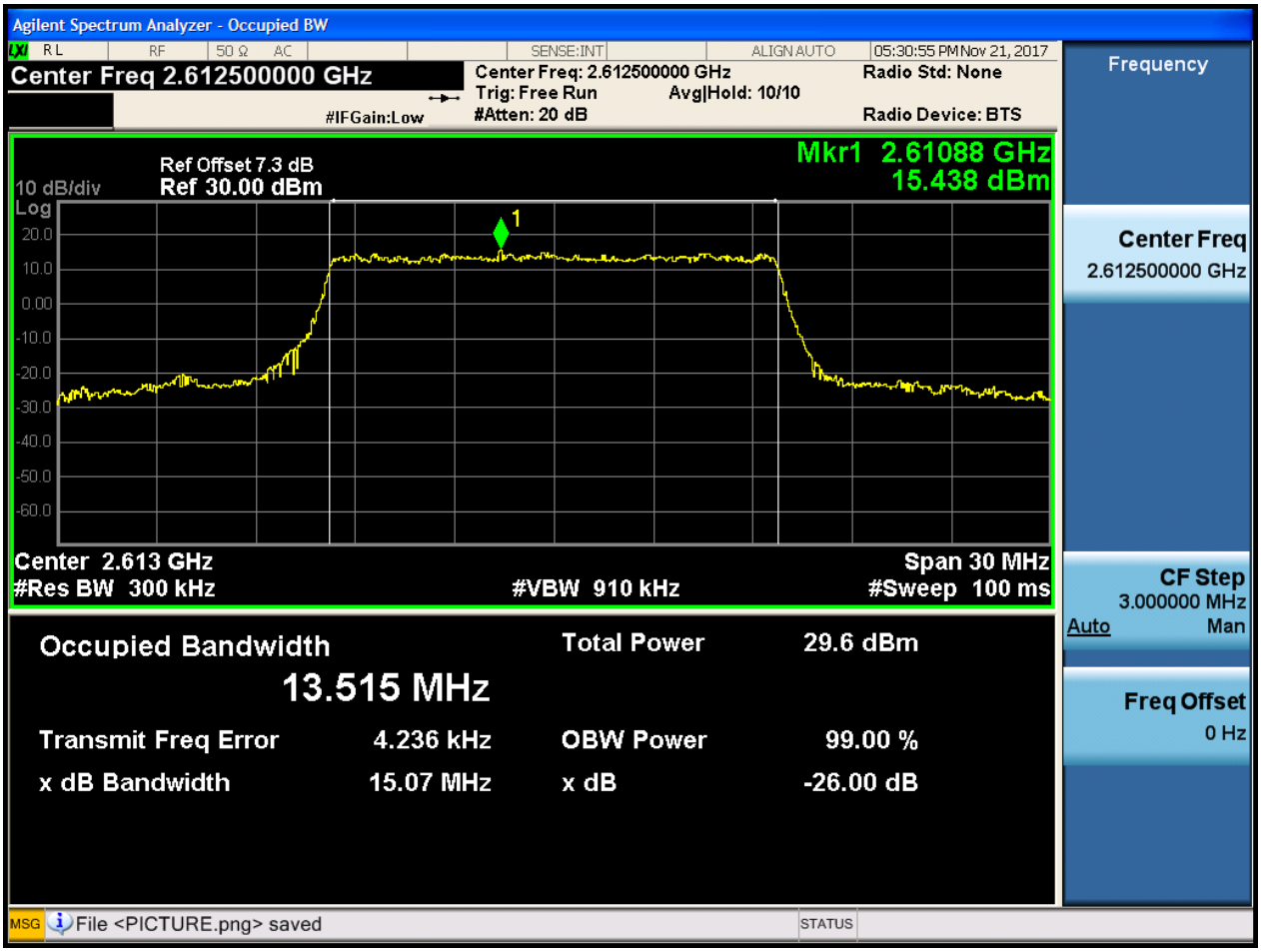
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB75#0



4.1.1.1.3.3 Test Channel = HCH

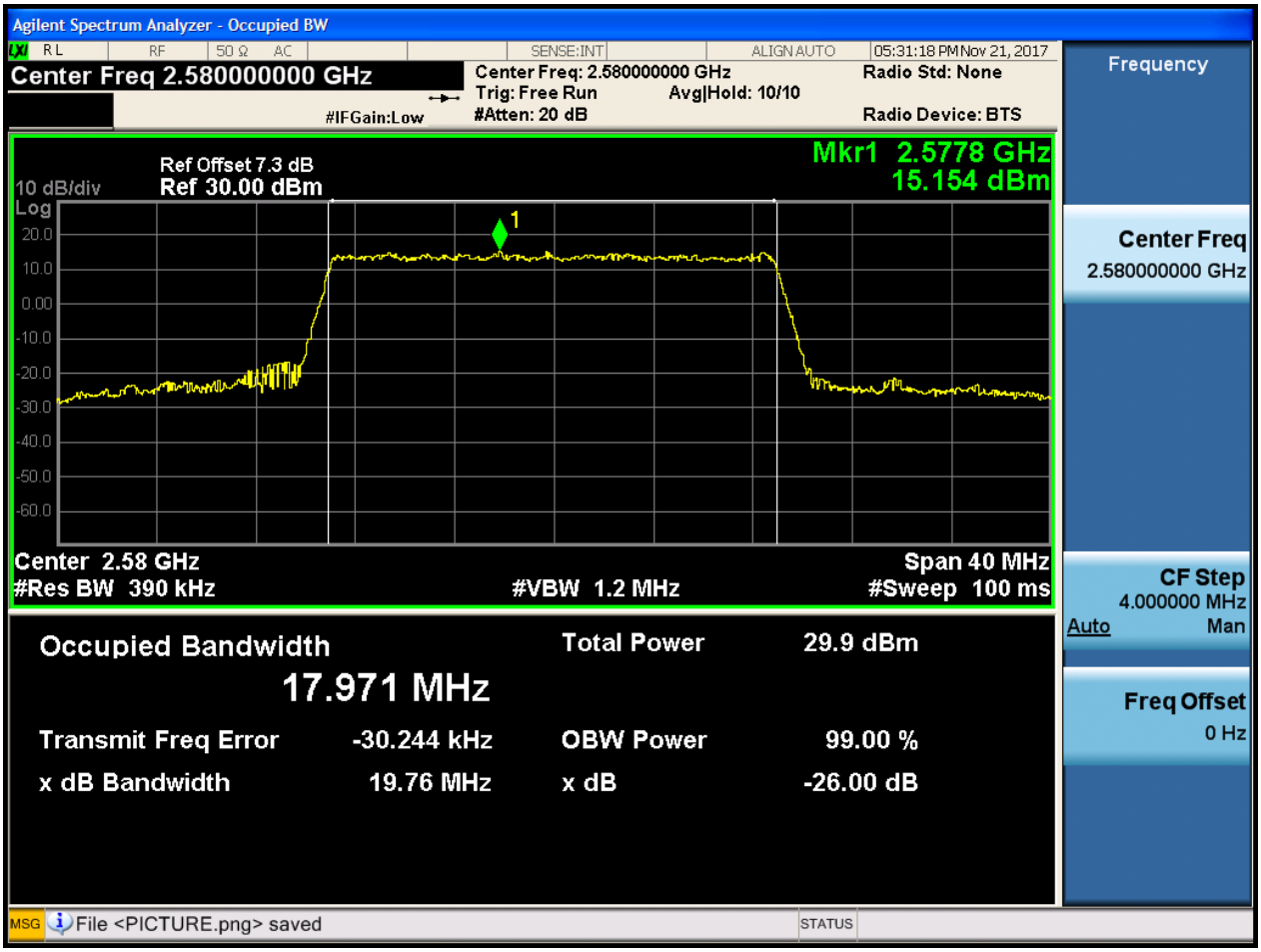
4.1.1.1.3.3.1 Test RB = RB75#0



4.1.1.1.4 Test Bandwidth = 20

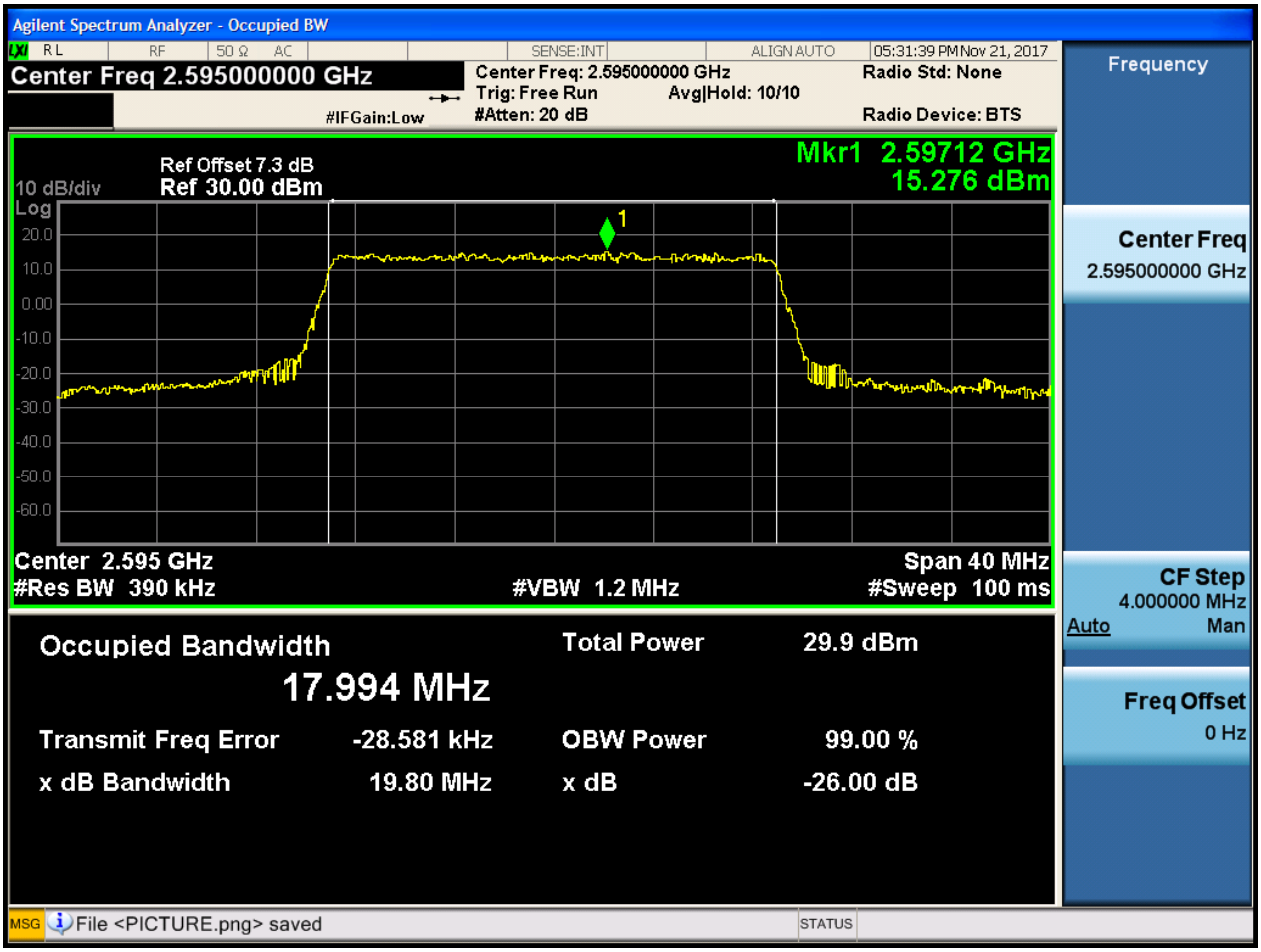
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB100#0



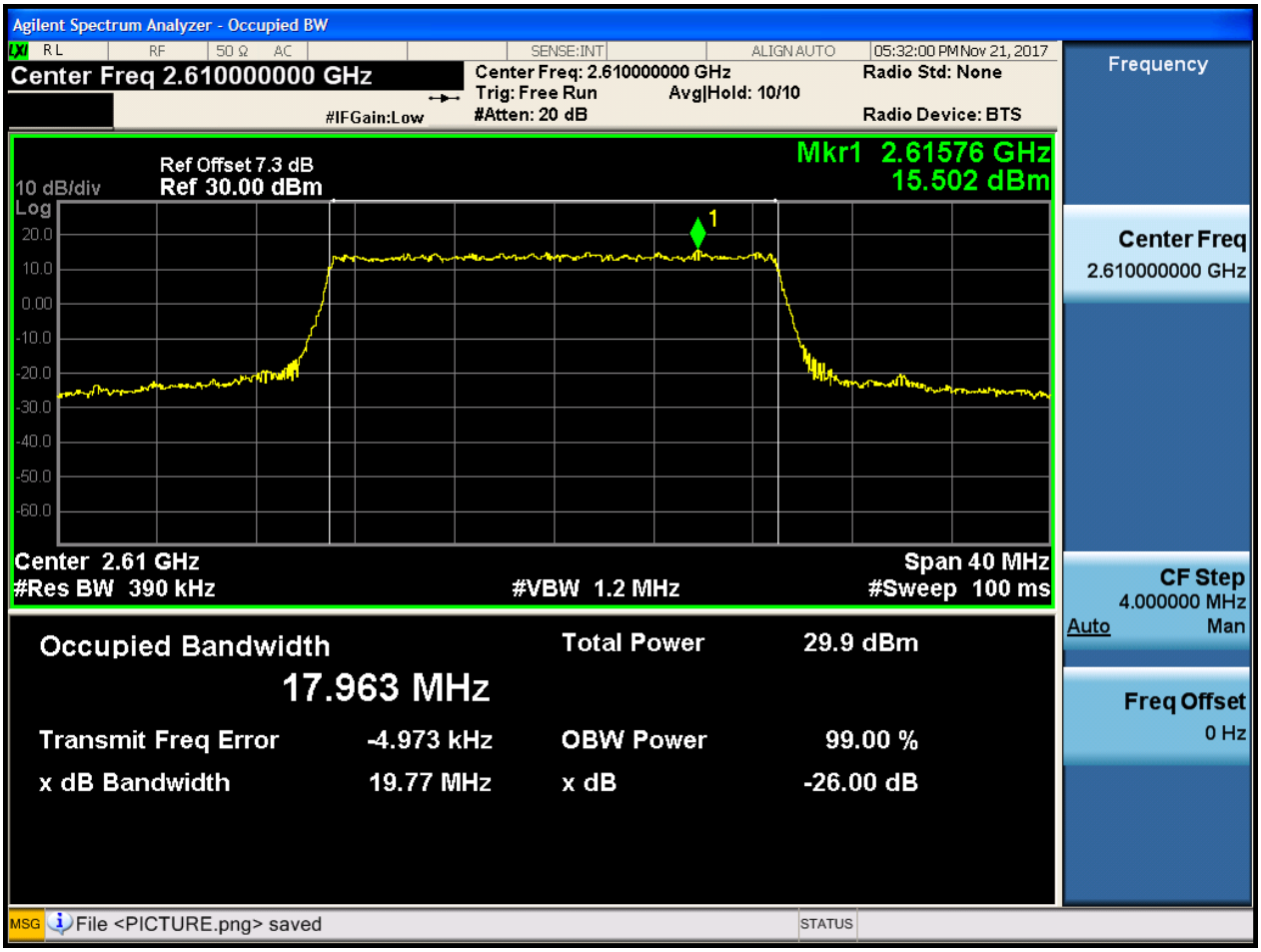
4.1.1.1.4.2 Test Channel = MCH

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

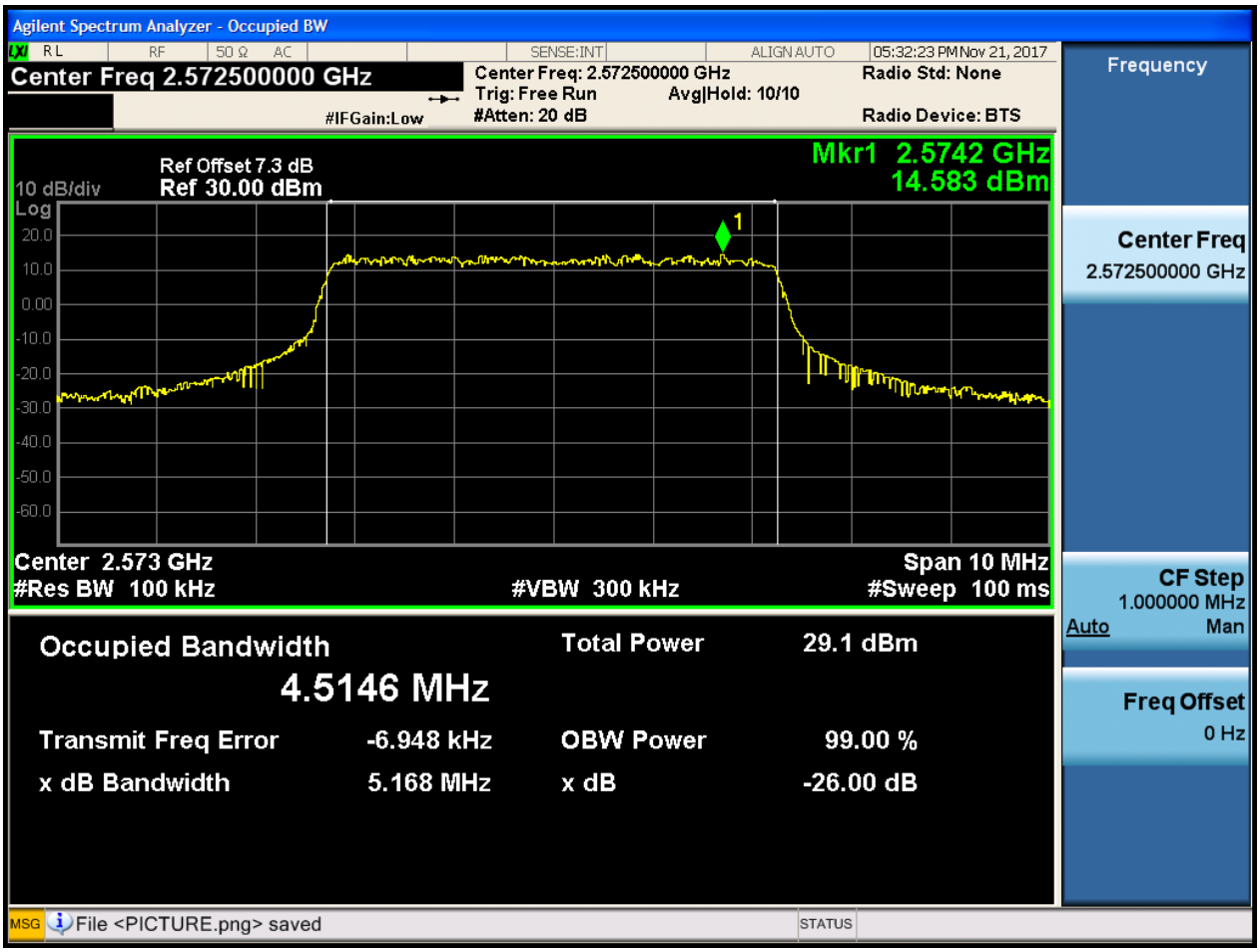


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

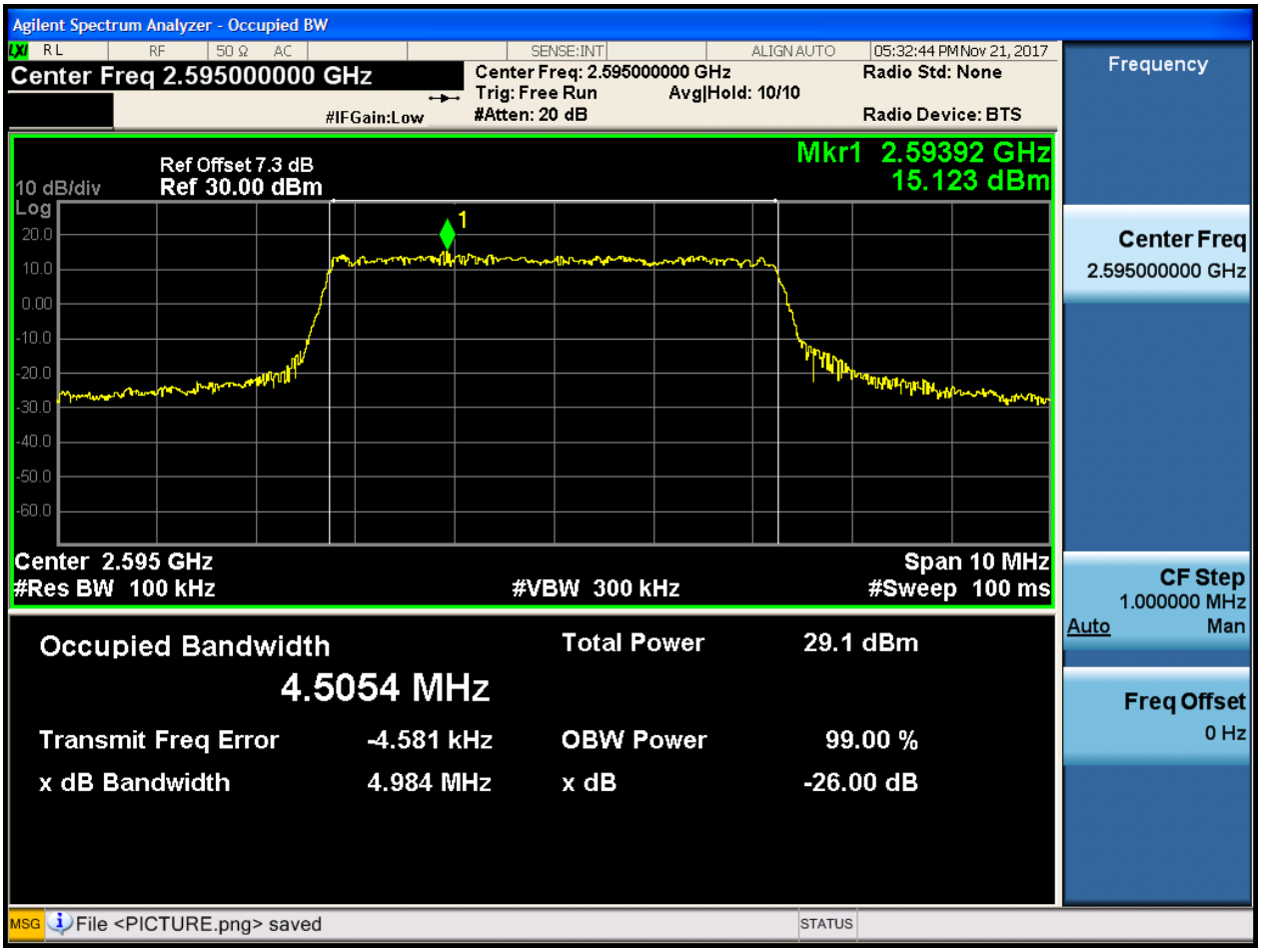
4.1.1.2.1.1 Test Channel = LCH

####### 4.1.1.2.1.1.1 Test RB = RB25#0



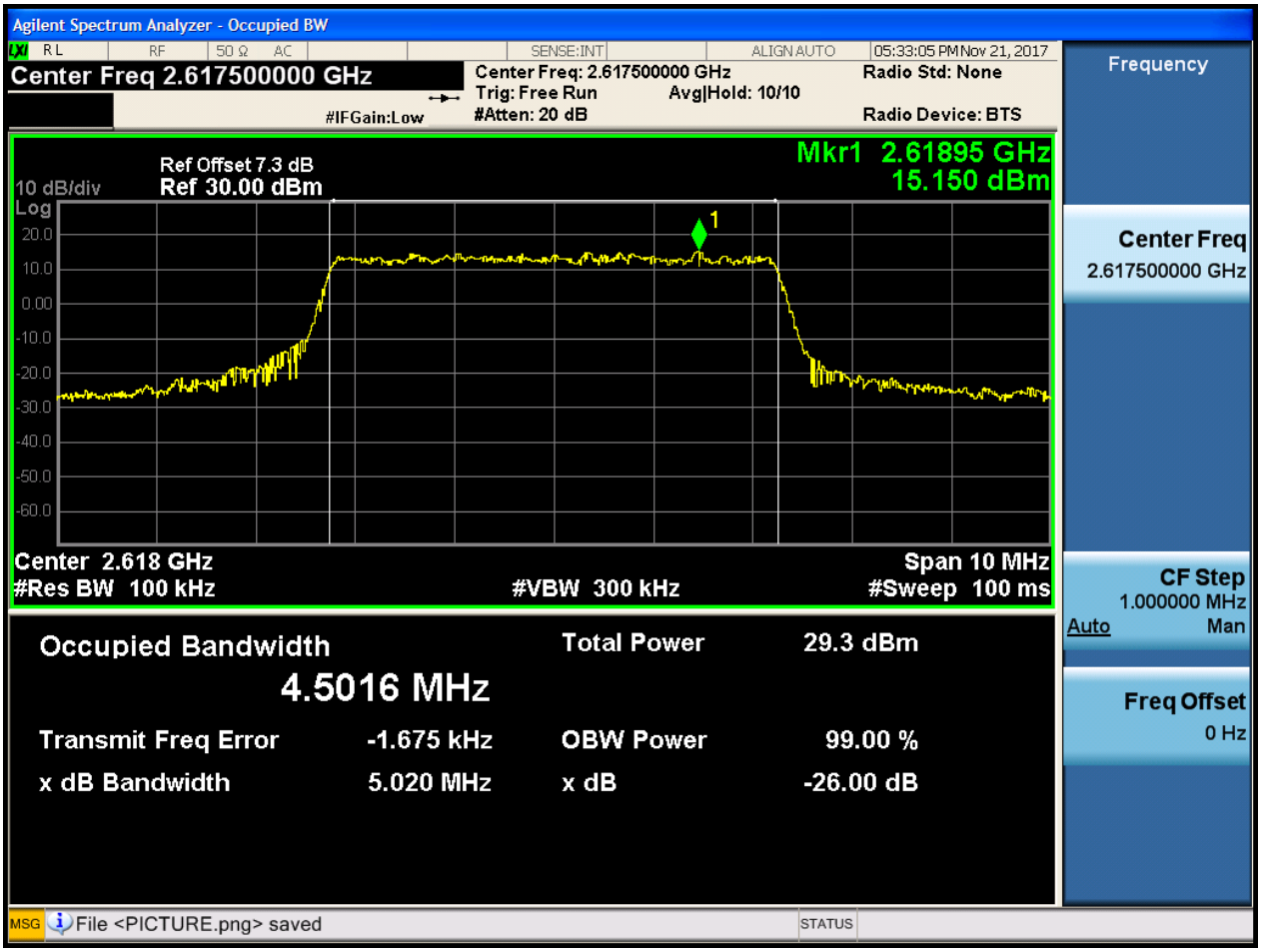
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

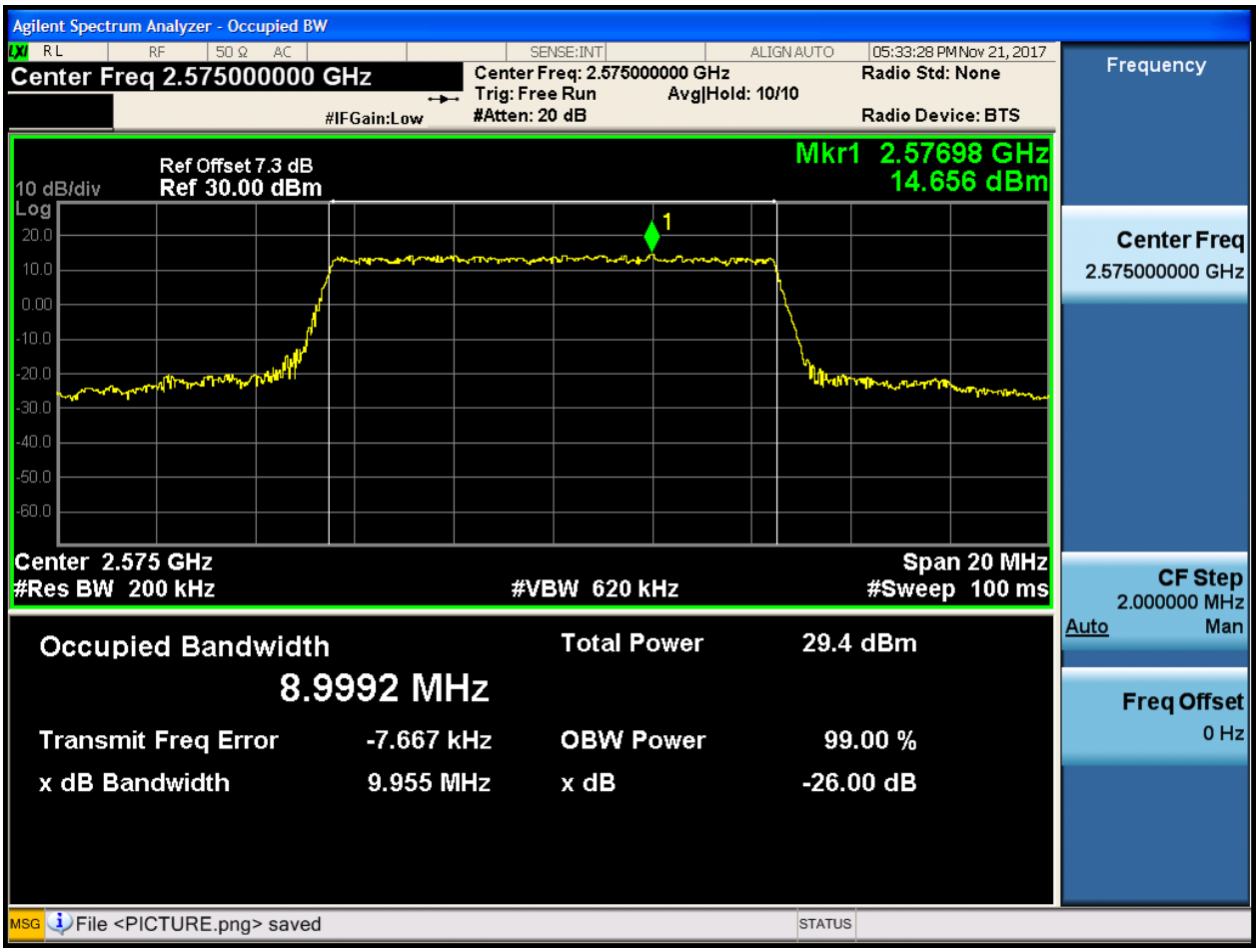
4.1.1.2.1.3.1 Test RB = RB25#0



4.1.1.2.2 Test Bandwidth = 10

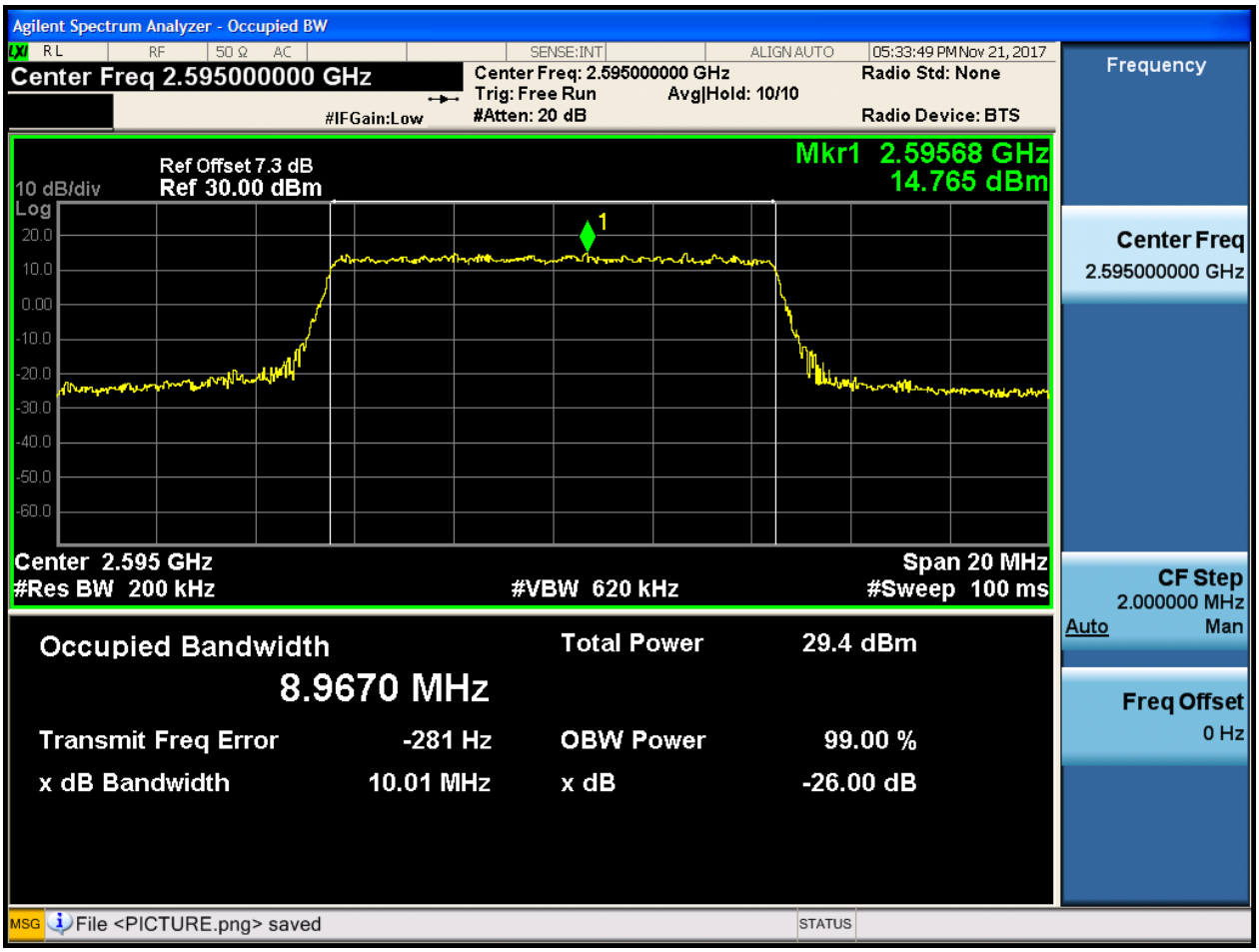
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0



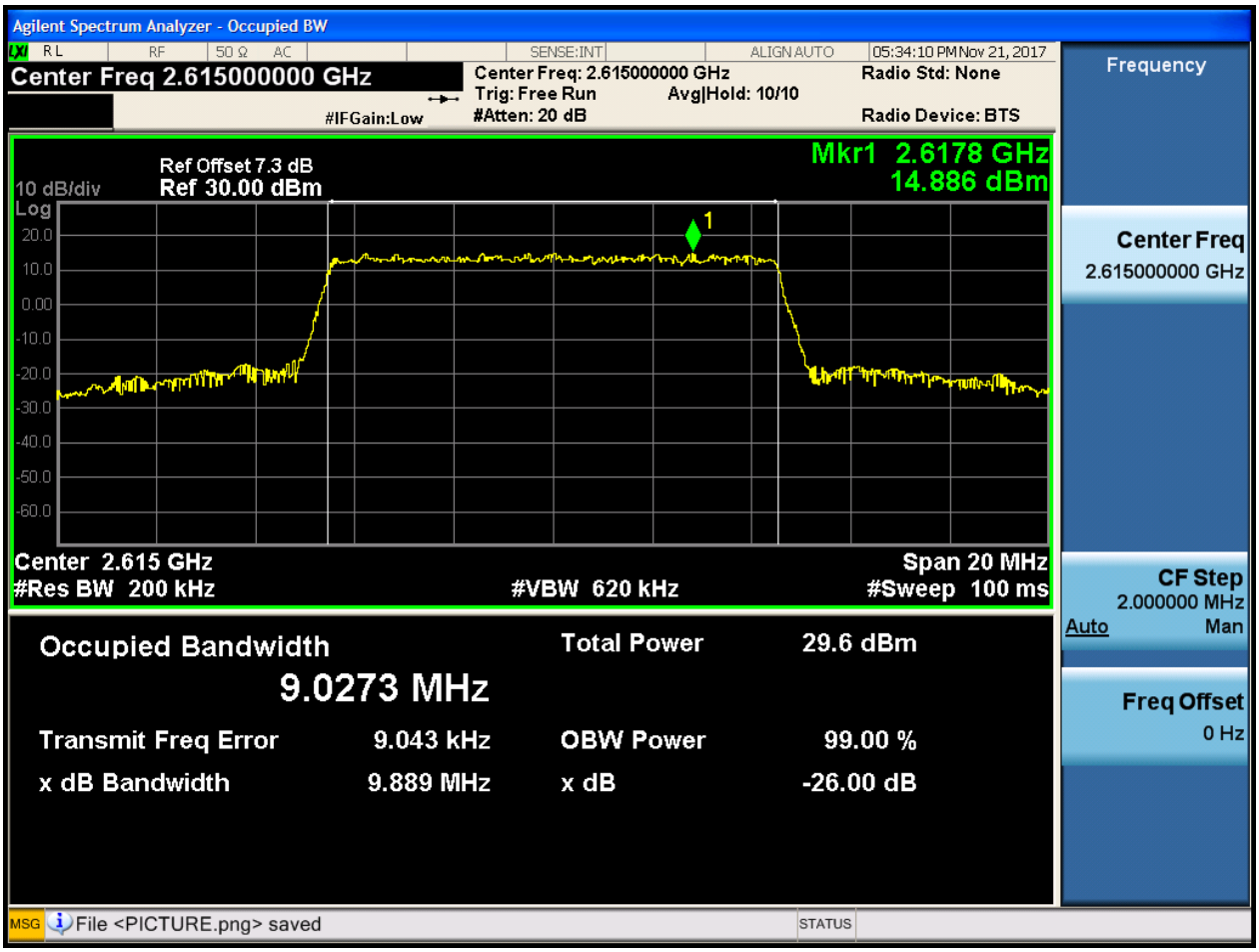
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB50#0



4.1.1.2.2.3 Test Channel = HCH

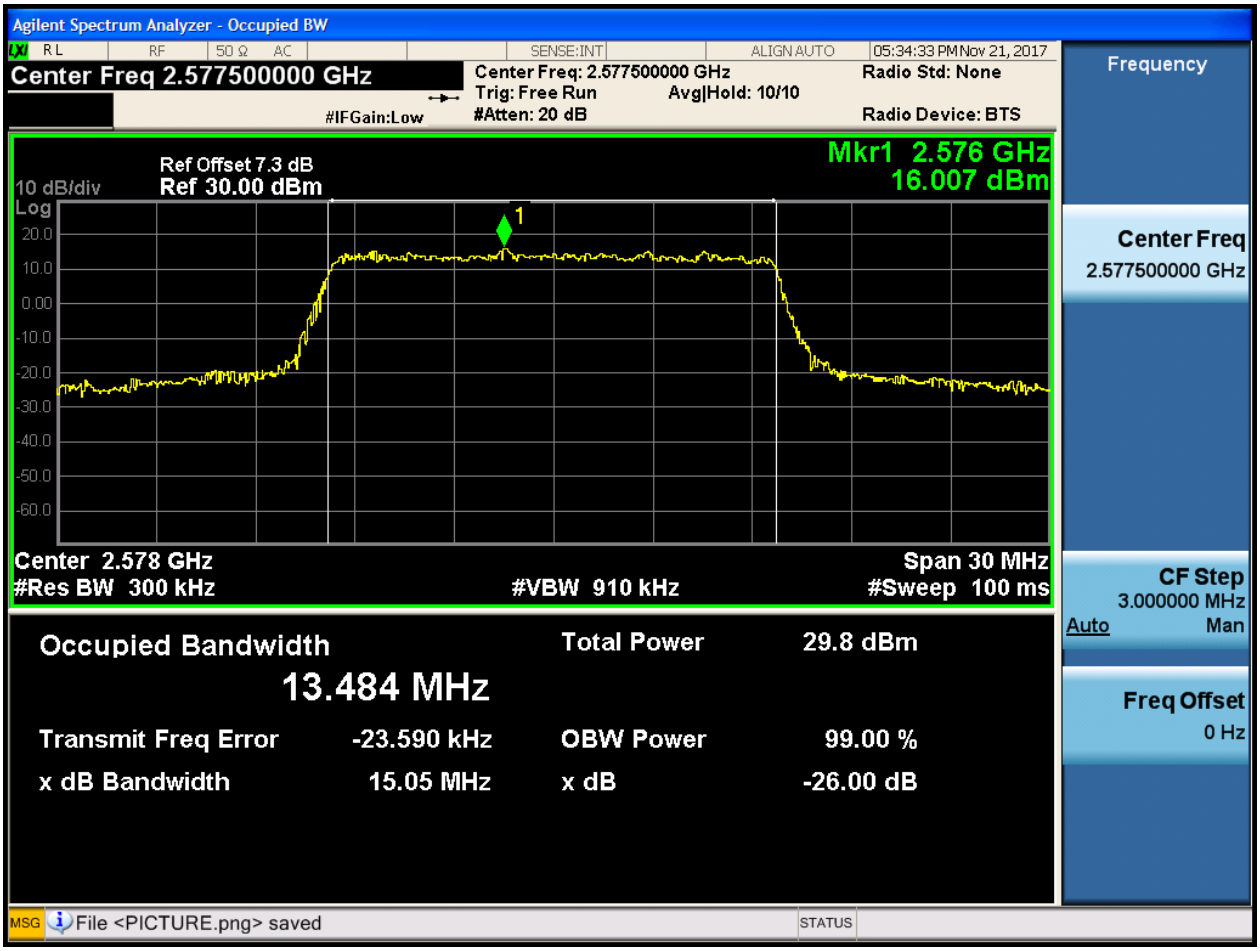
4.1.1.2.2.3.1 Test RB = RB50#0



4.1.1.2.3 Test Bandwidth = 15

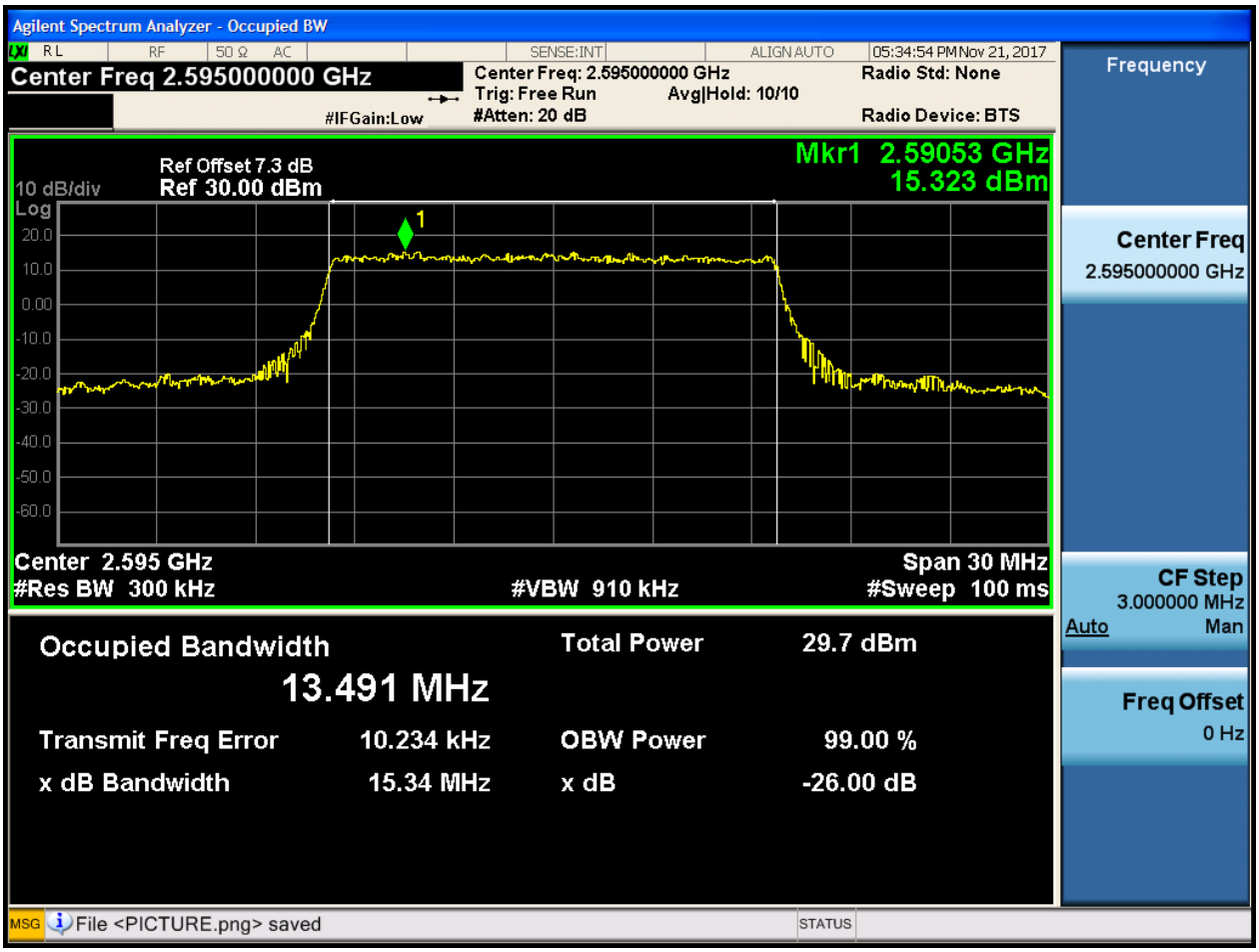
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB75#0



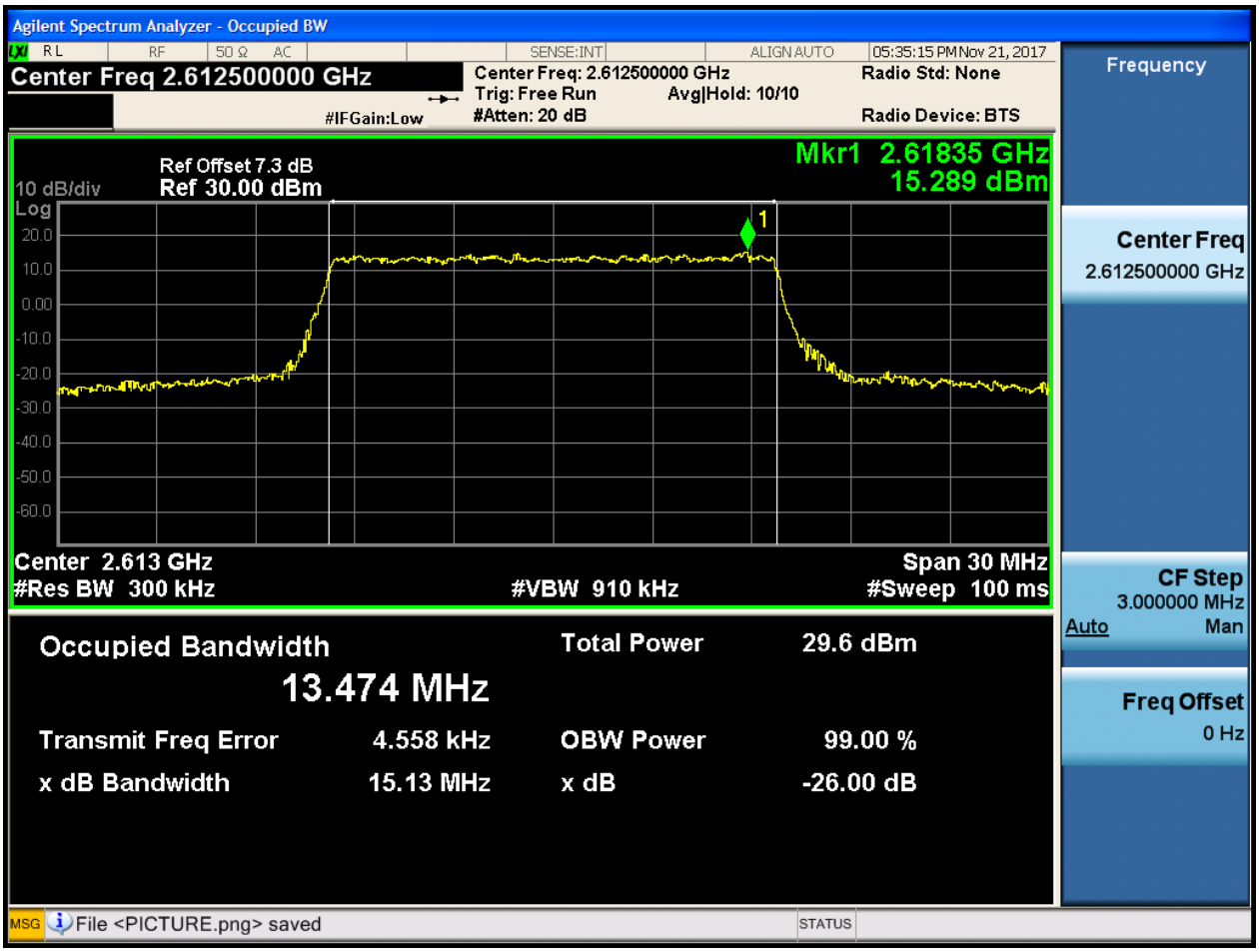
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB75#0



4.1.1.2.3.3 Test Channel = HCH

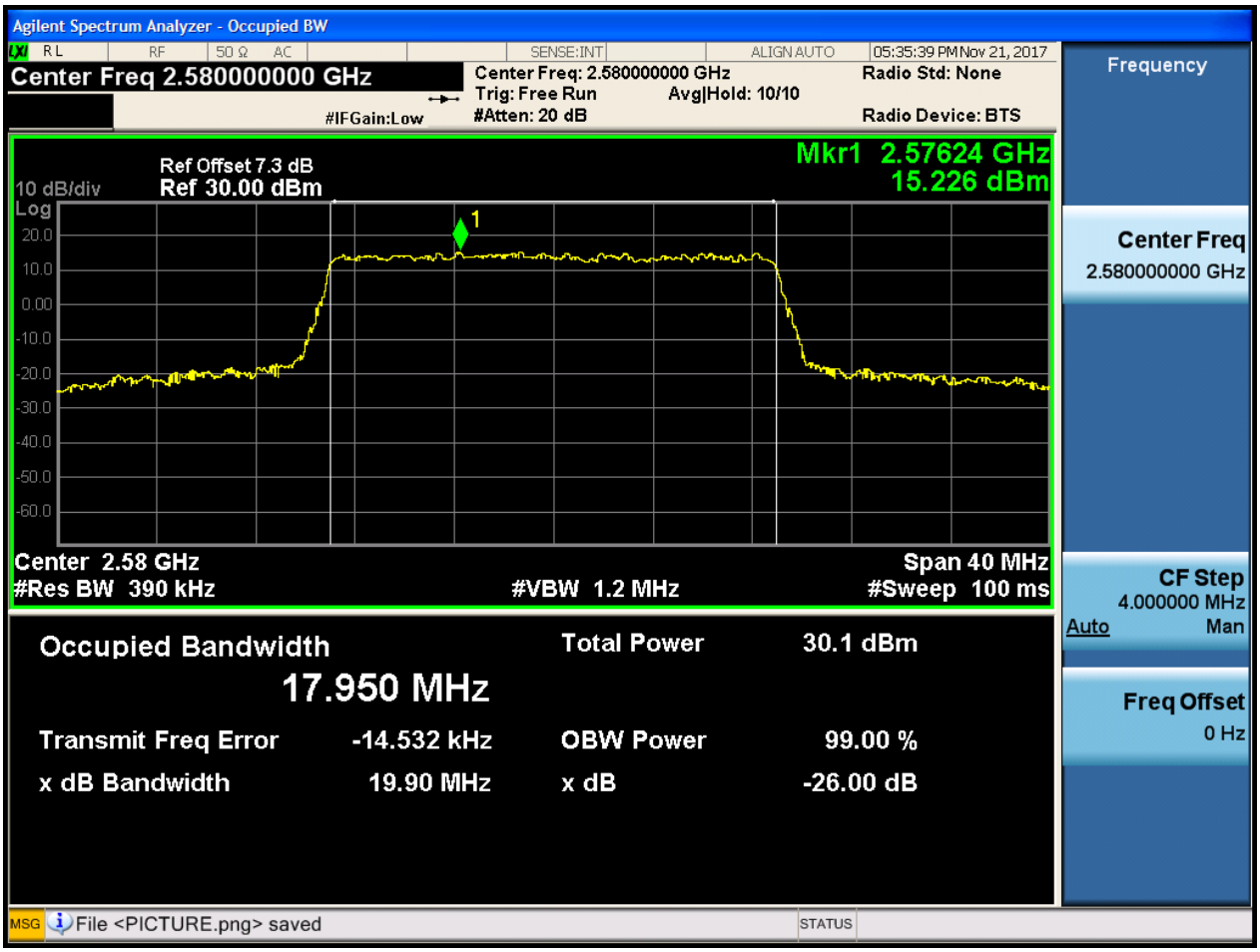
4.1.1.2.3.3.1 Test RB = RB75#0



4.1.1.2.4 Test Bandwidth = 20

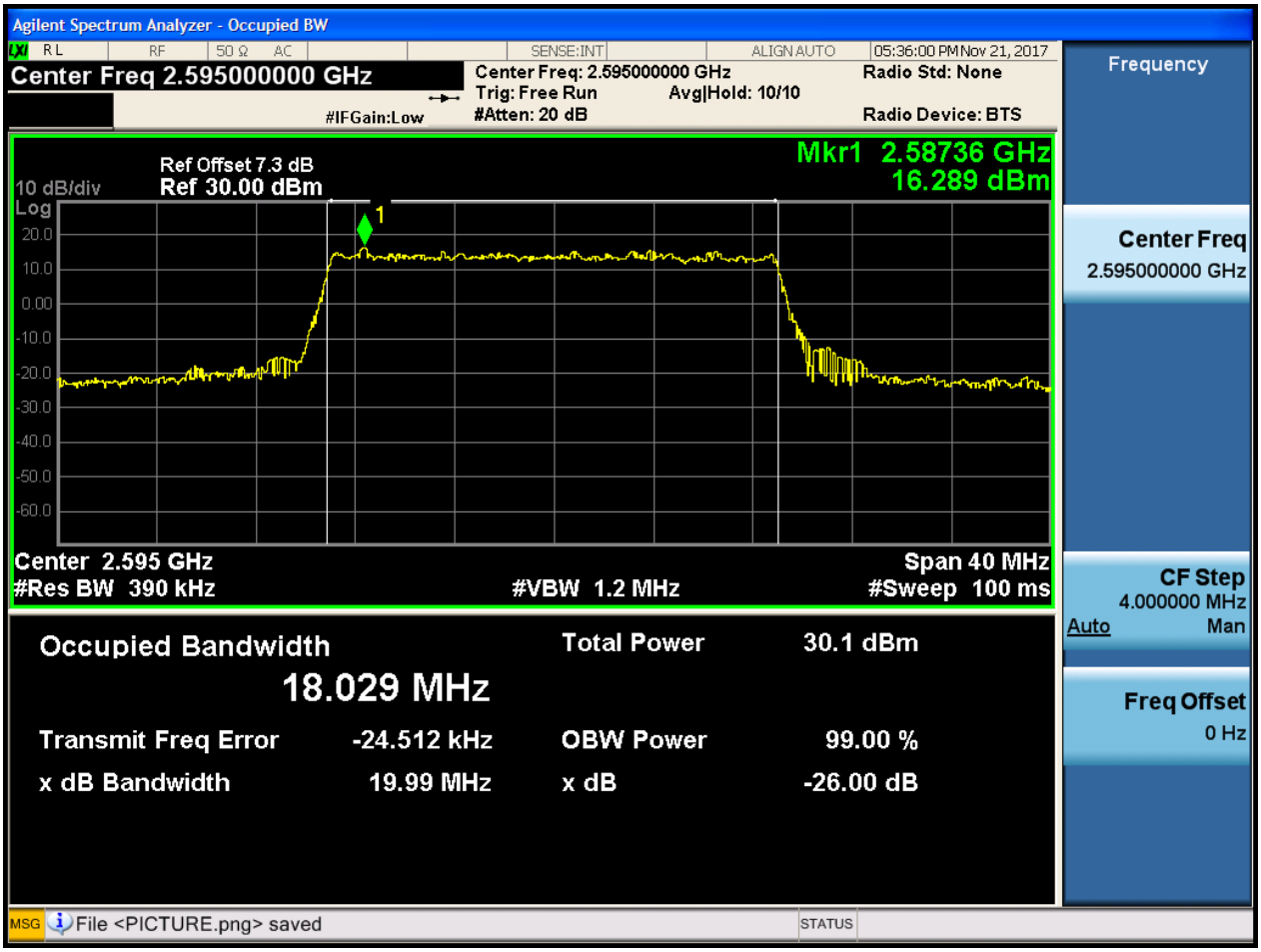
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB100#0



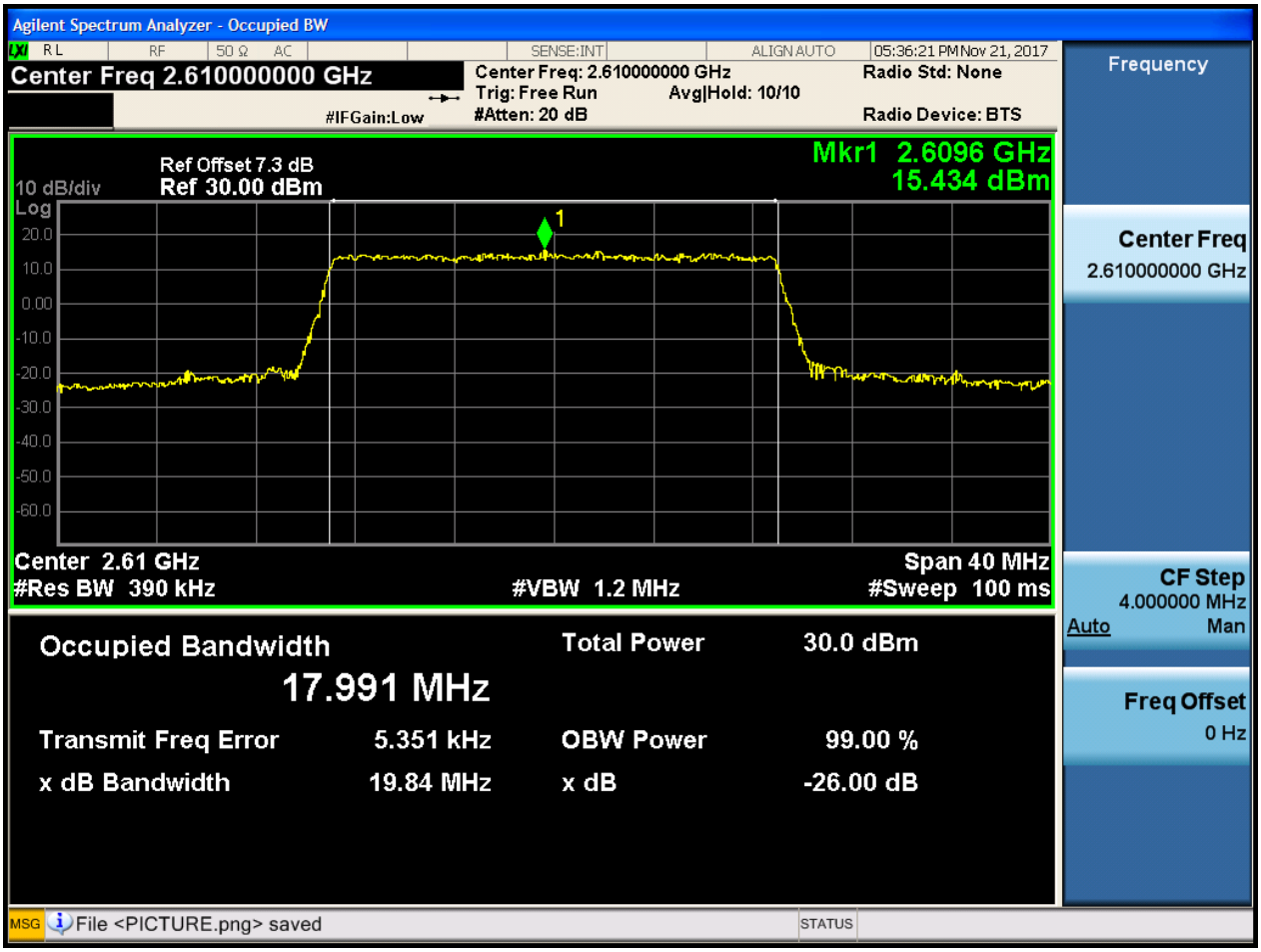
4.1.1.2.4.2 Test Channel = MCH

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

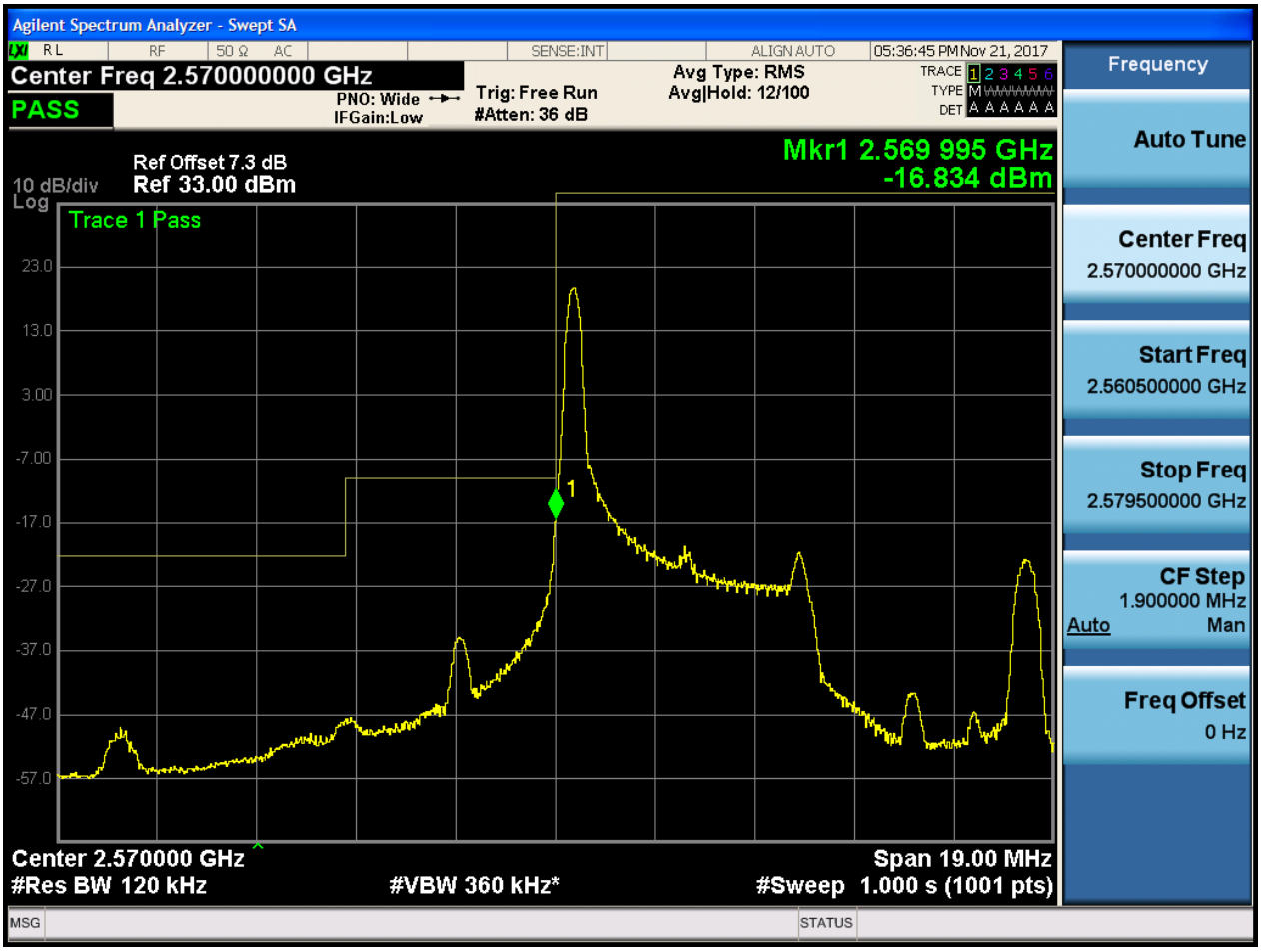
5.1.1 Test Band = BAND38

5.1.1.1 Test Mode = LTE/TM1

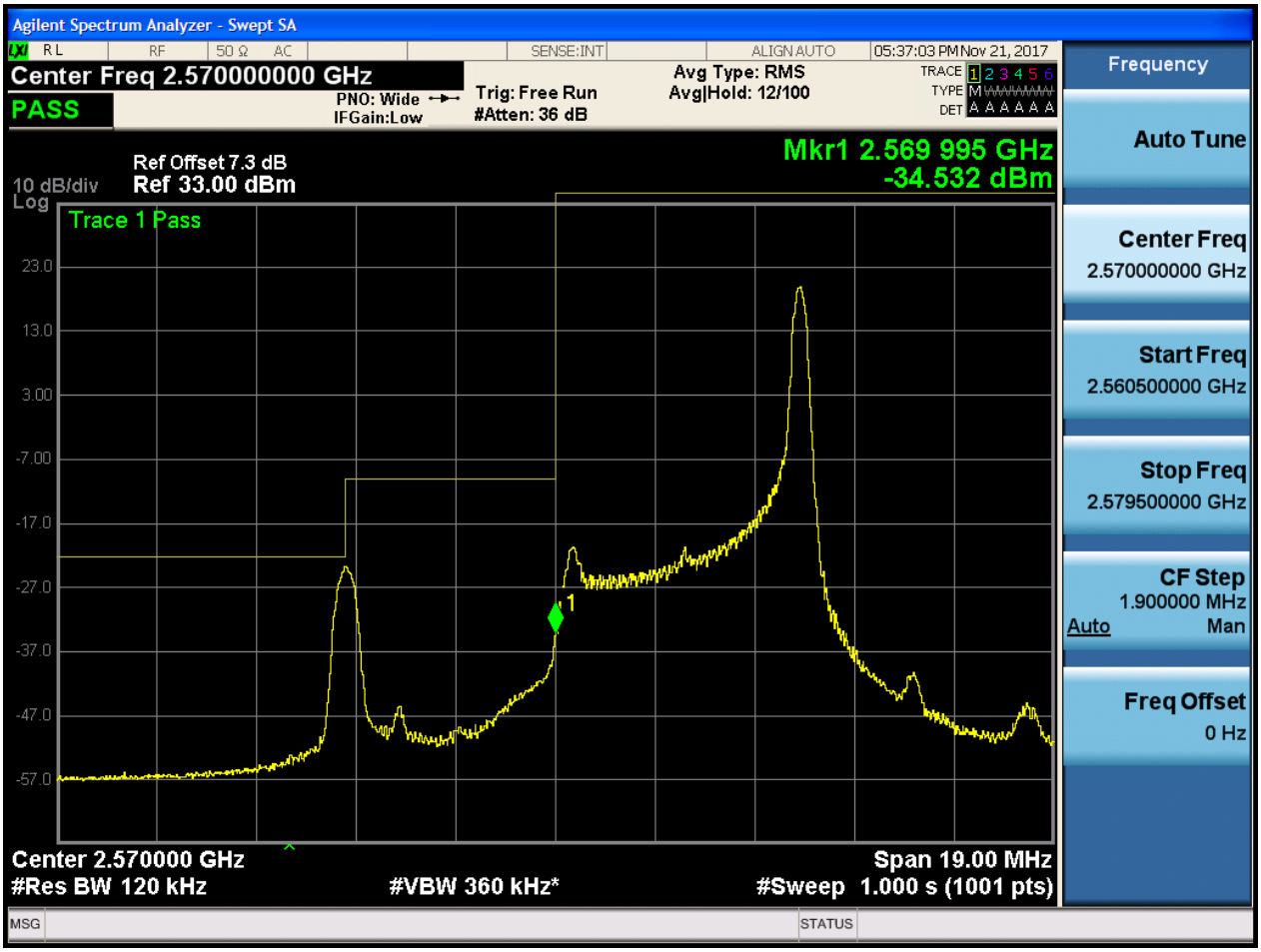
5.1.1.1.1 Test Bandwidth = 5

5.1.1.1.1.1 Test Channel = LCH

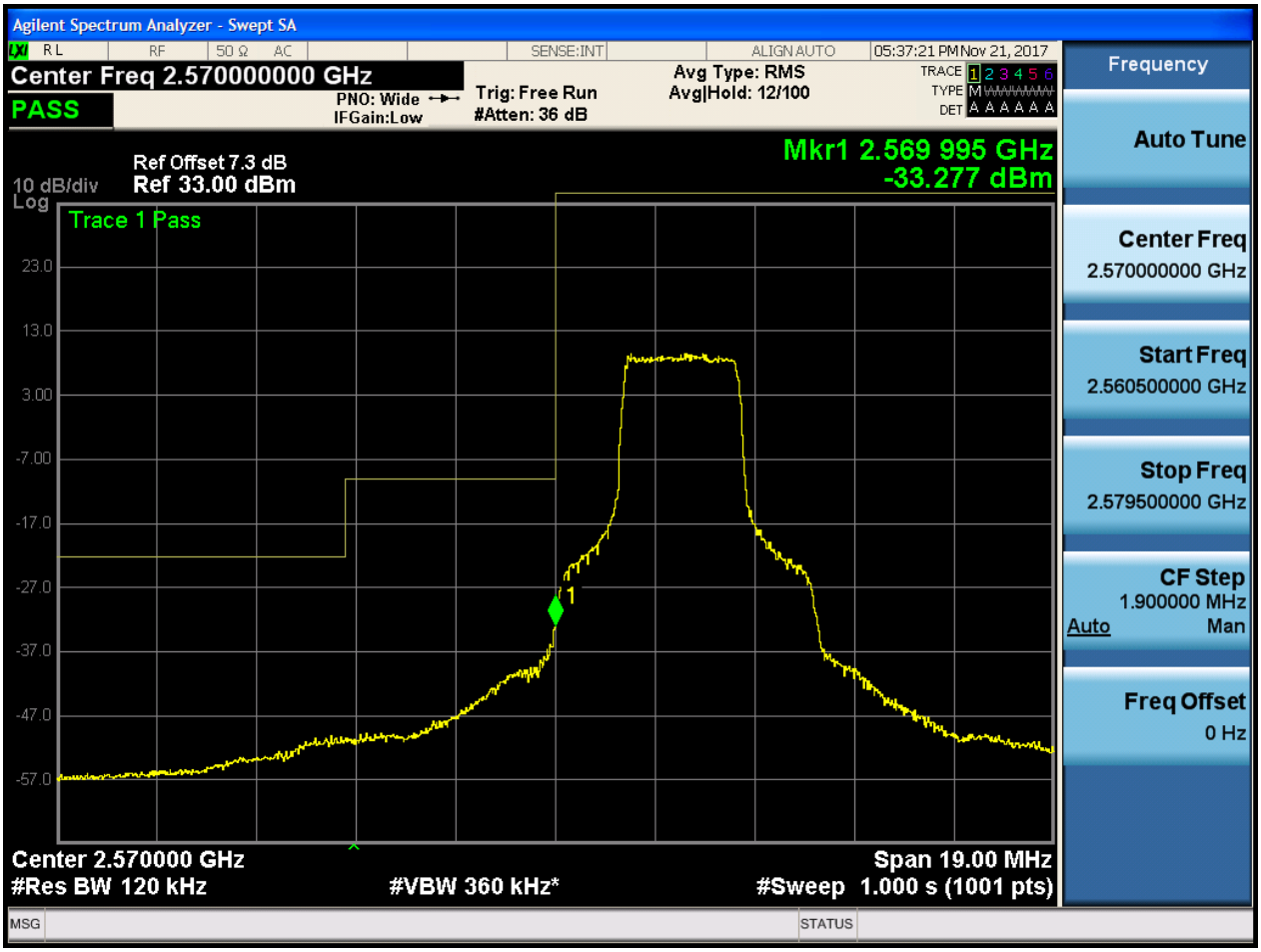
5.1.1.1.1.1.1 Test RB = RB1#0



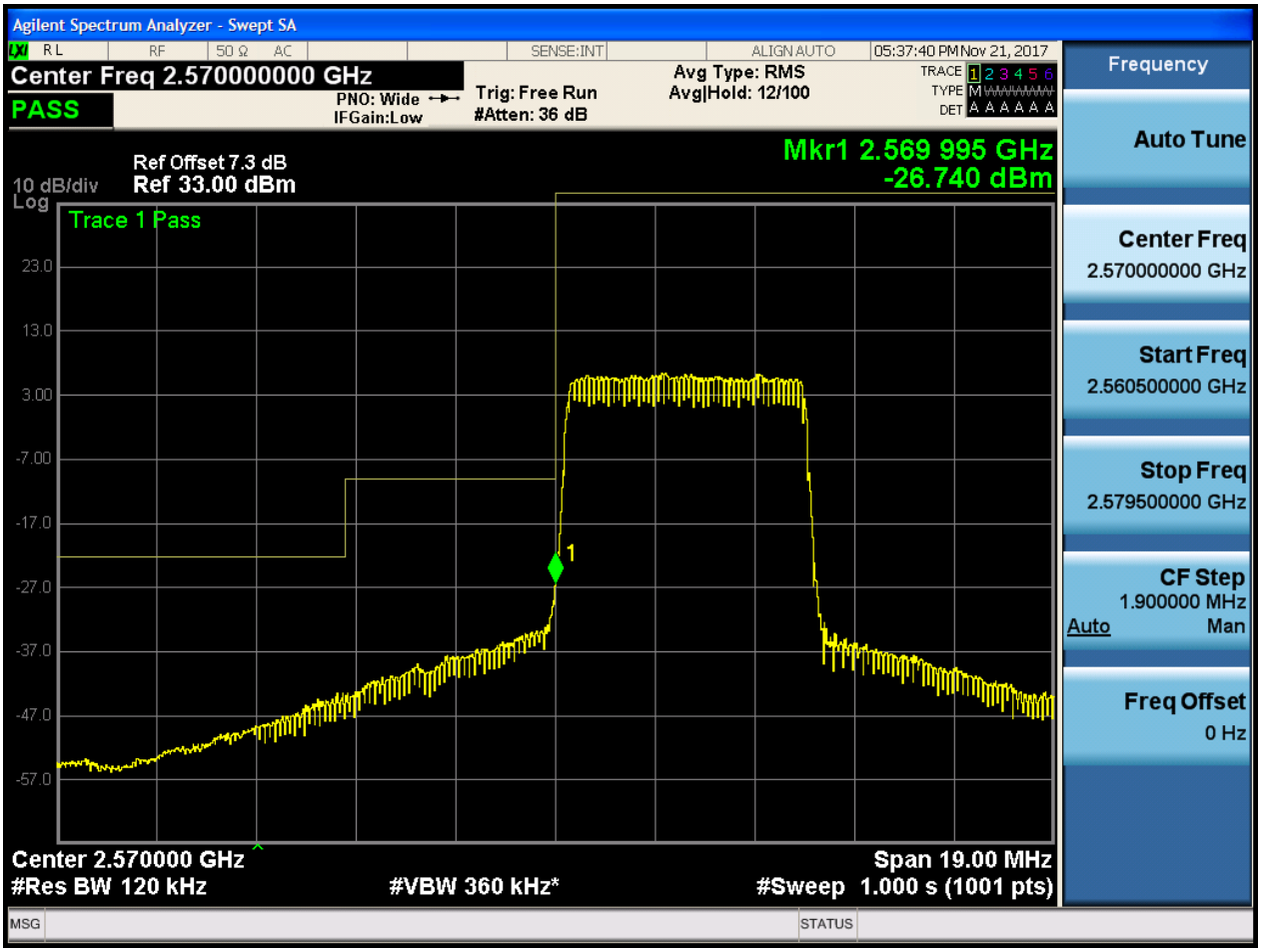
5.1.1.1.1.2 Test RB = RB1#24



5.1.1.1.1.1.3 Test RB = RB12#6

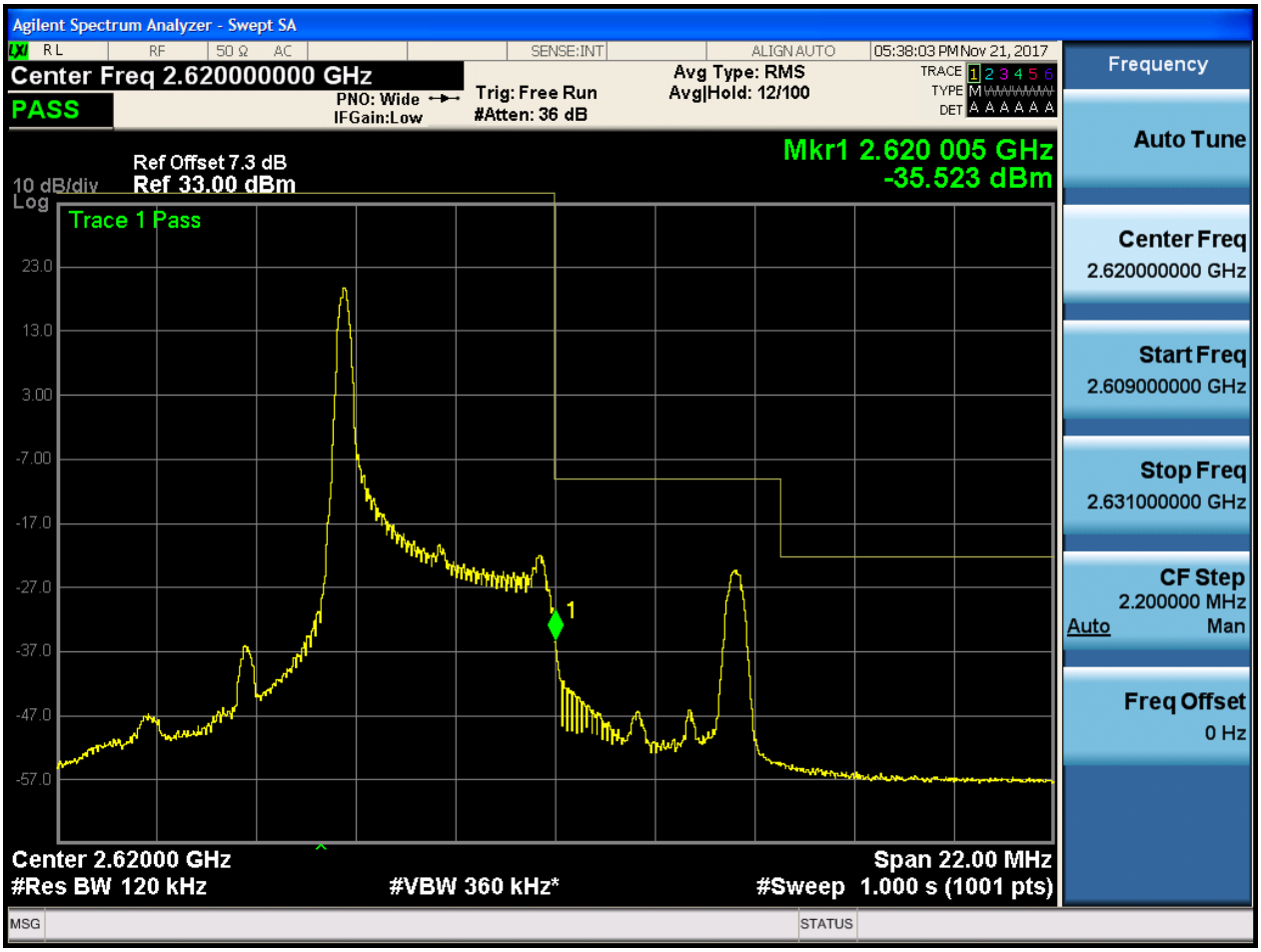


5.1.1.1.1.4 Test RB = RB25#0

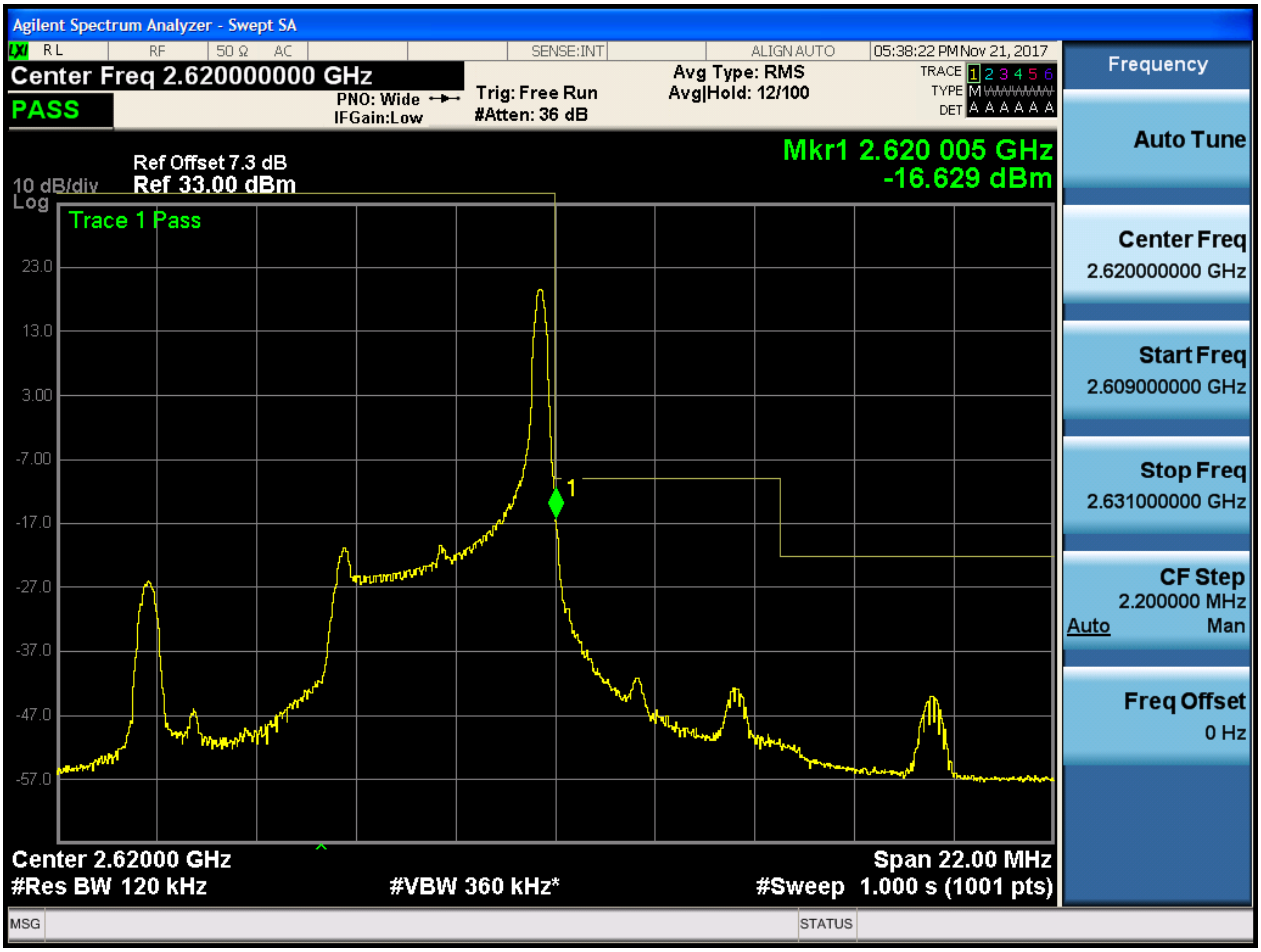


5.1.1.1.1.2 Test Channel = HCH

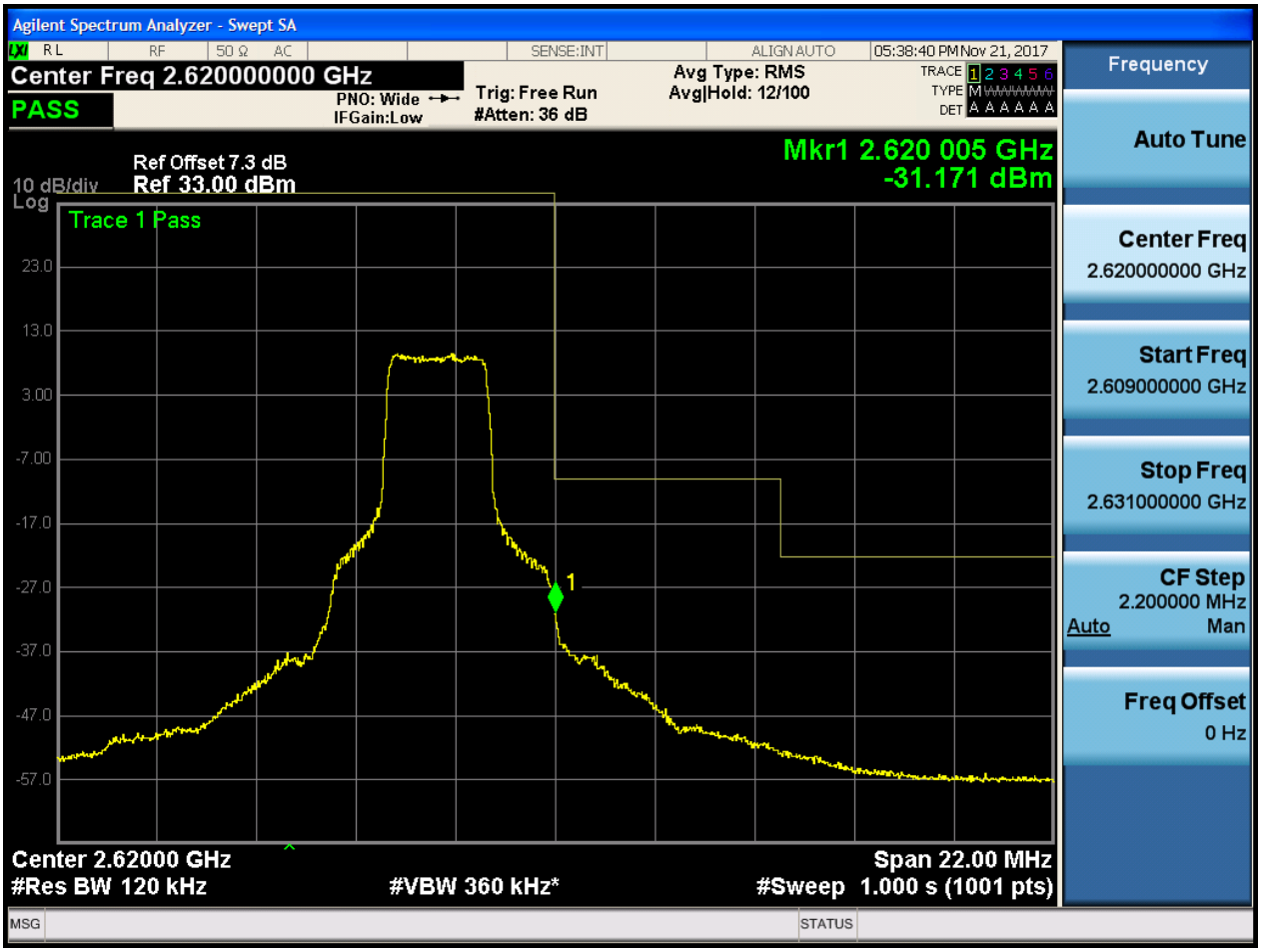
5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.1.2.2 Test RB = RB1#24



5.1.1.1.1.2.3 Test RB = RB12#6

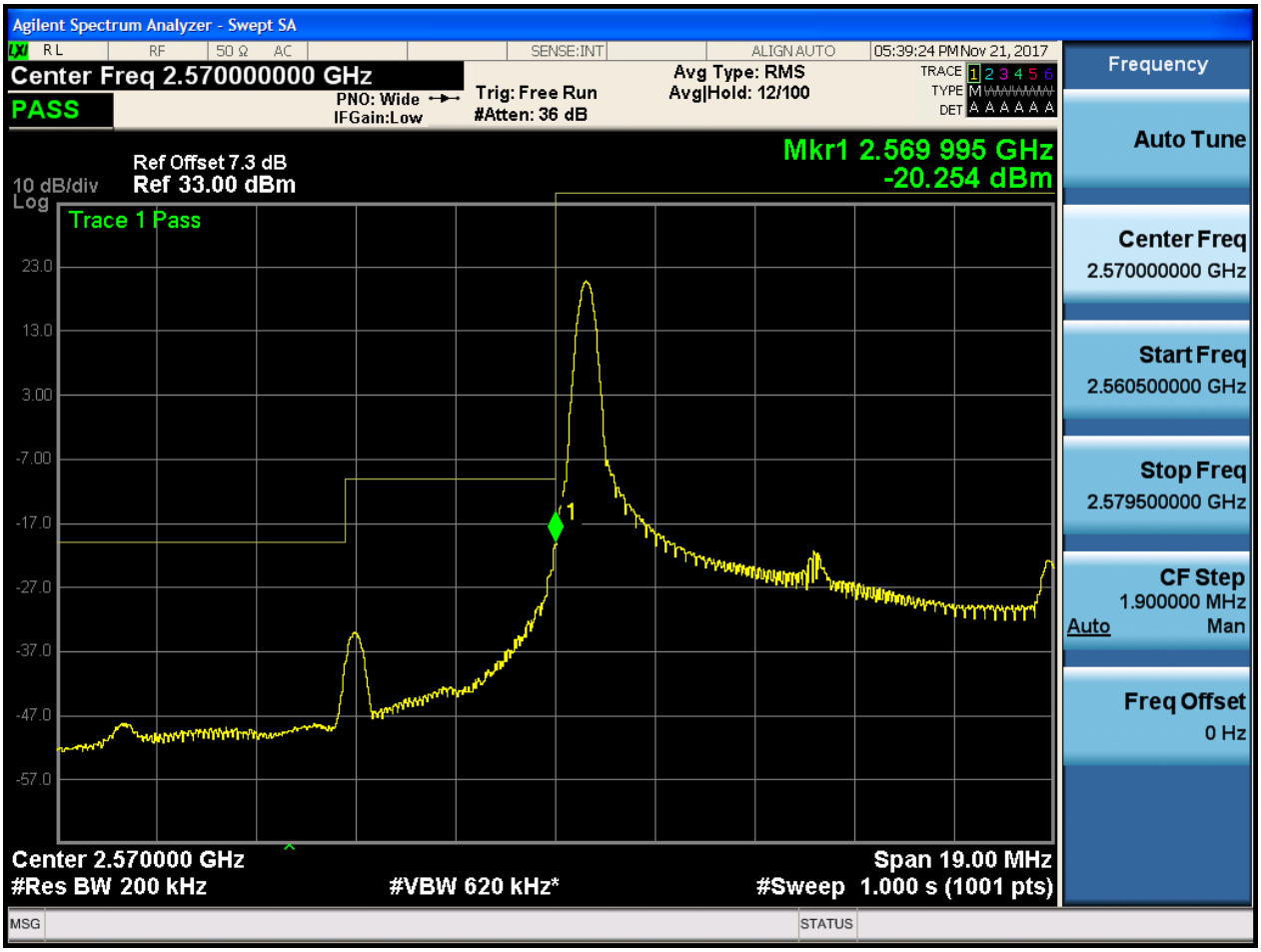


5.1.1.1.1.2.4 Test RB = RB25#0

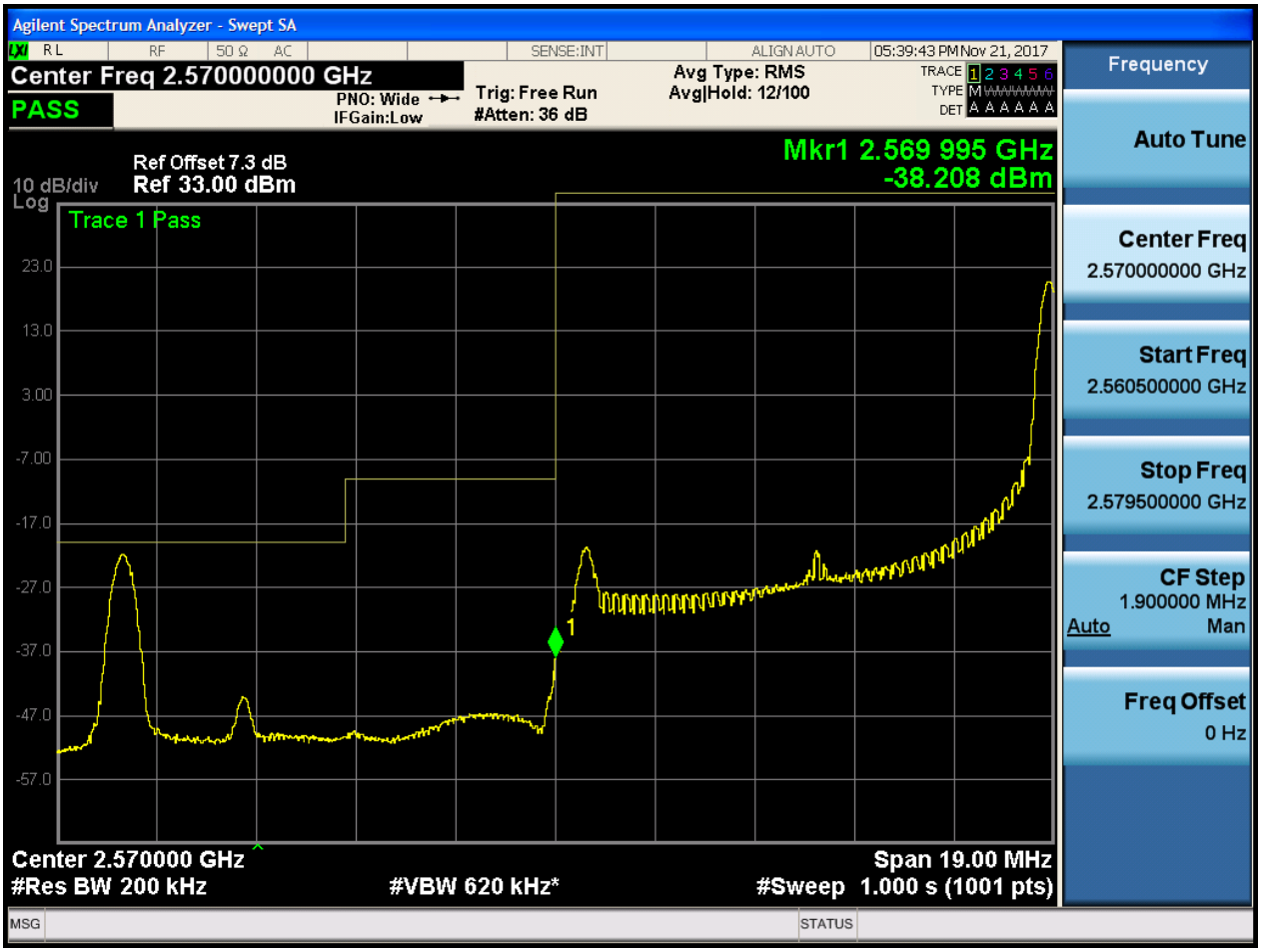
5.1.1.1.2 Test Bandwidth = 10

5.1.1.1.2.1 Test Channel = LCH

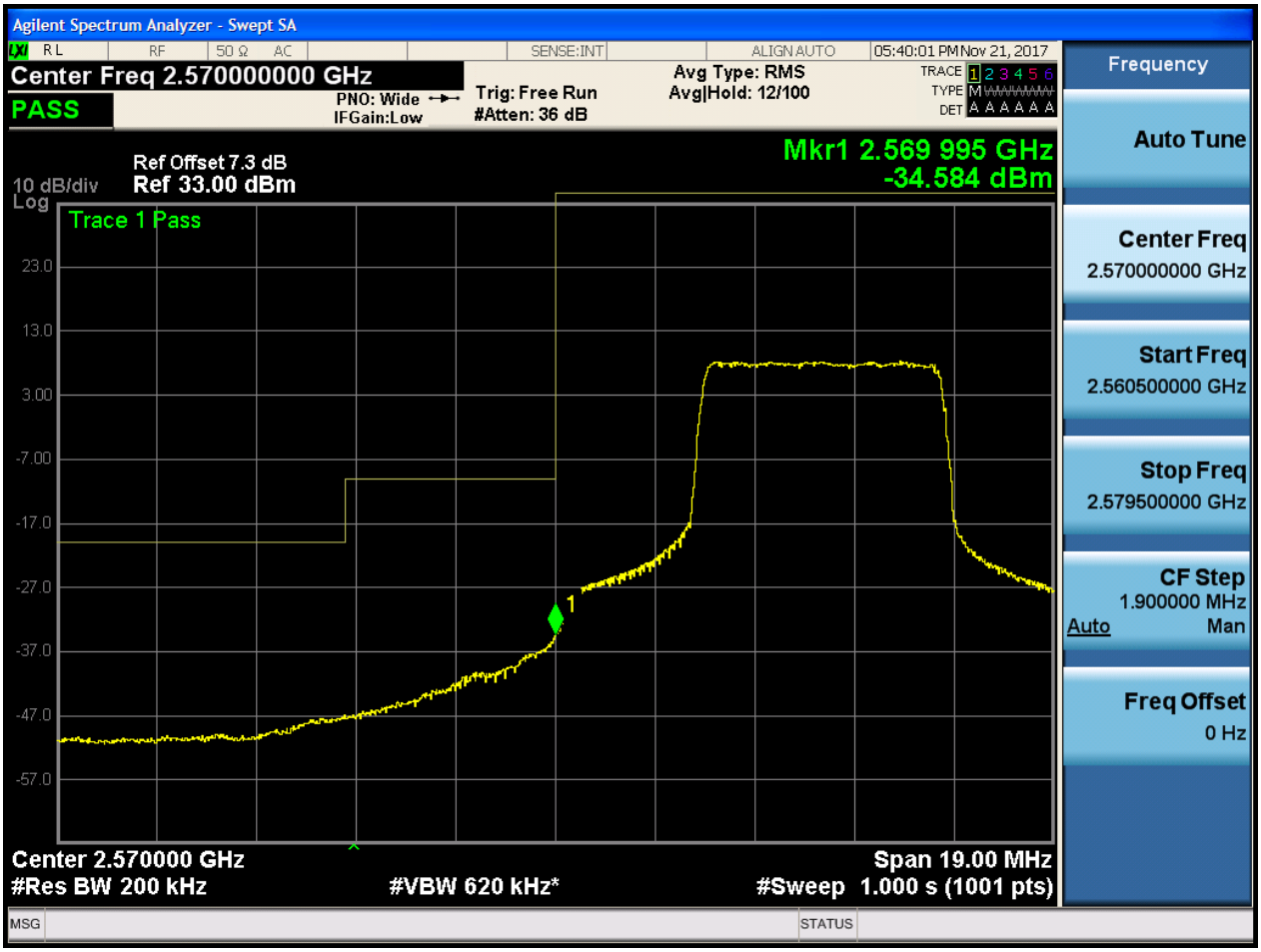
5.1.1.1.2.1.1 Test RB = RB1#0



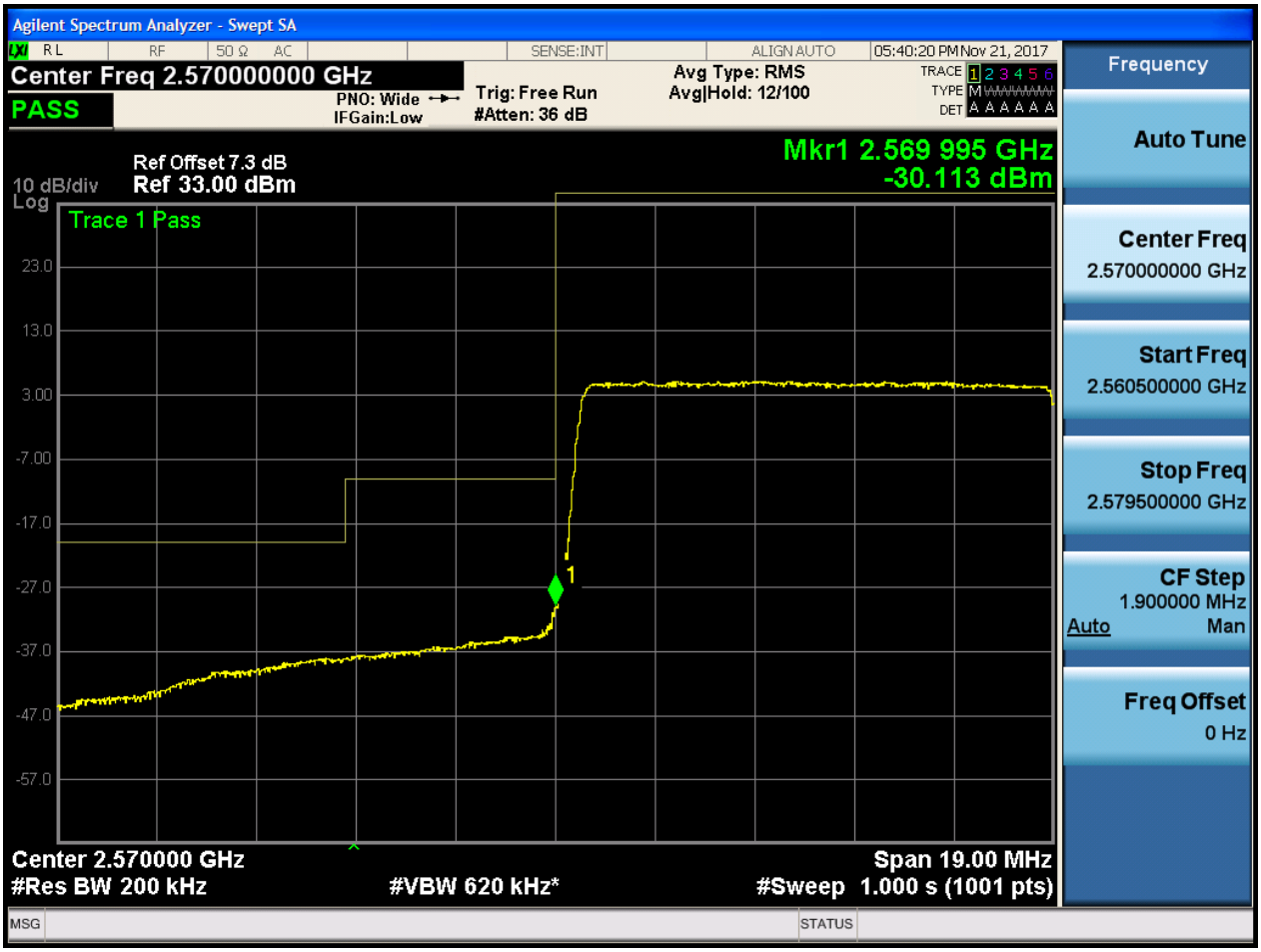
5.1.1.1.2.1.2 Test RB = RB1#49



5.1.1.1.2.1.3 Test RB = RB25#13

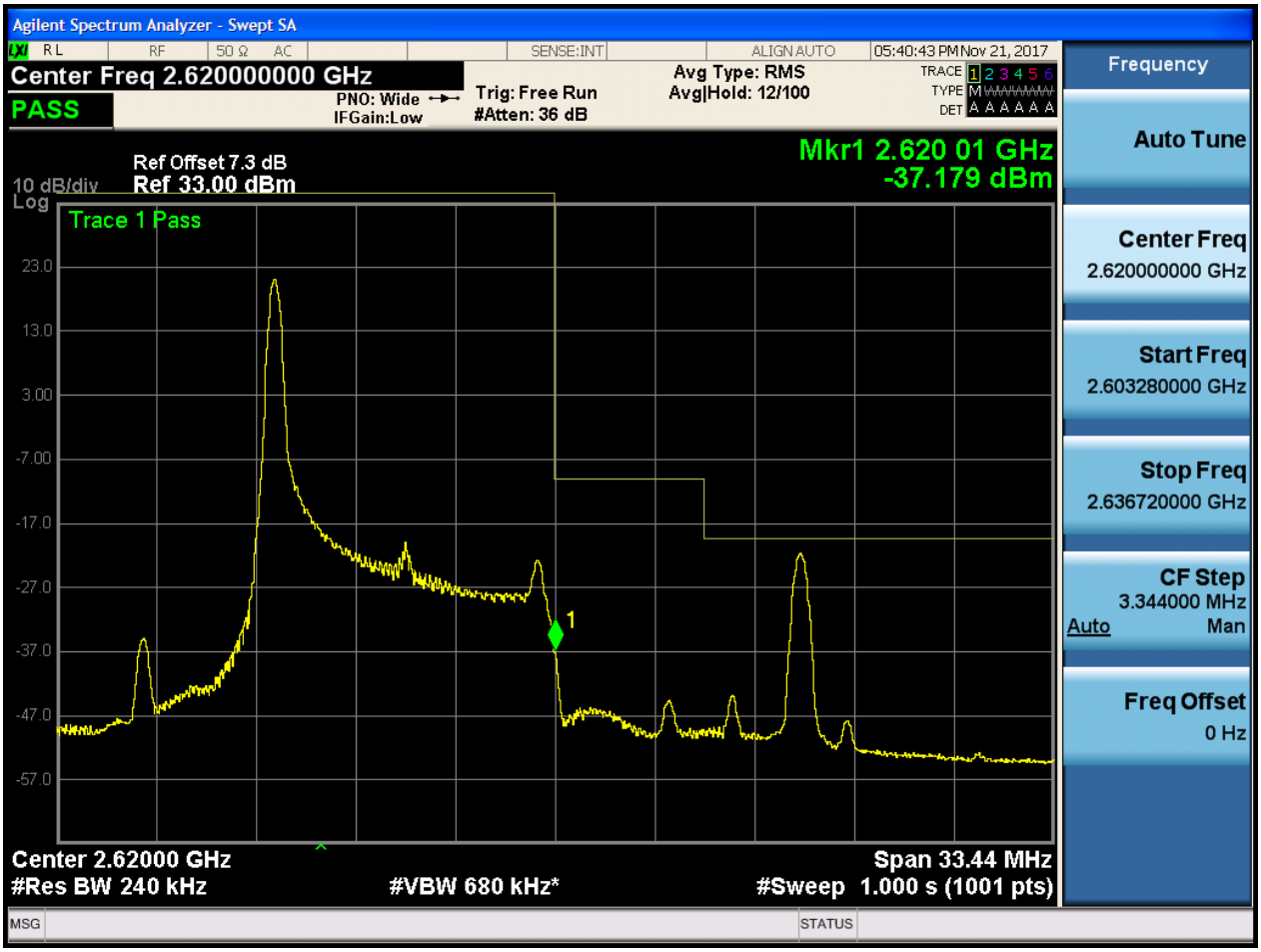


5.1.1.1.2.1.4 Test RB = RB50#0

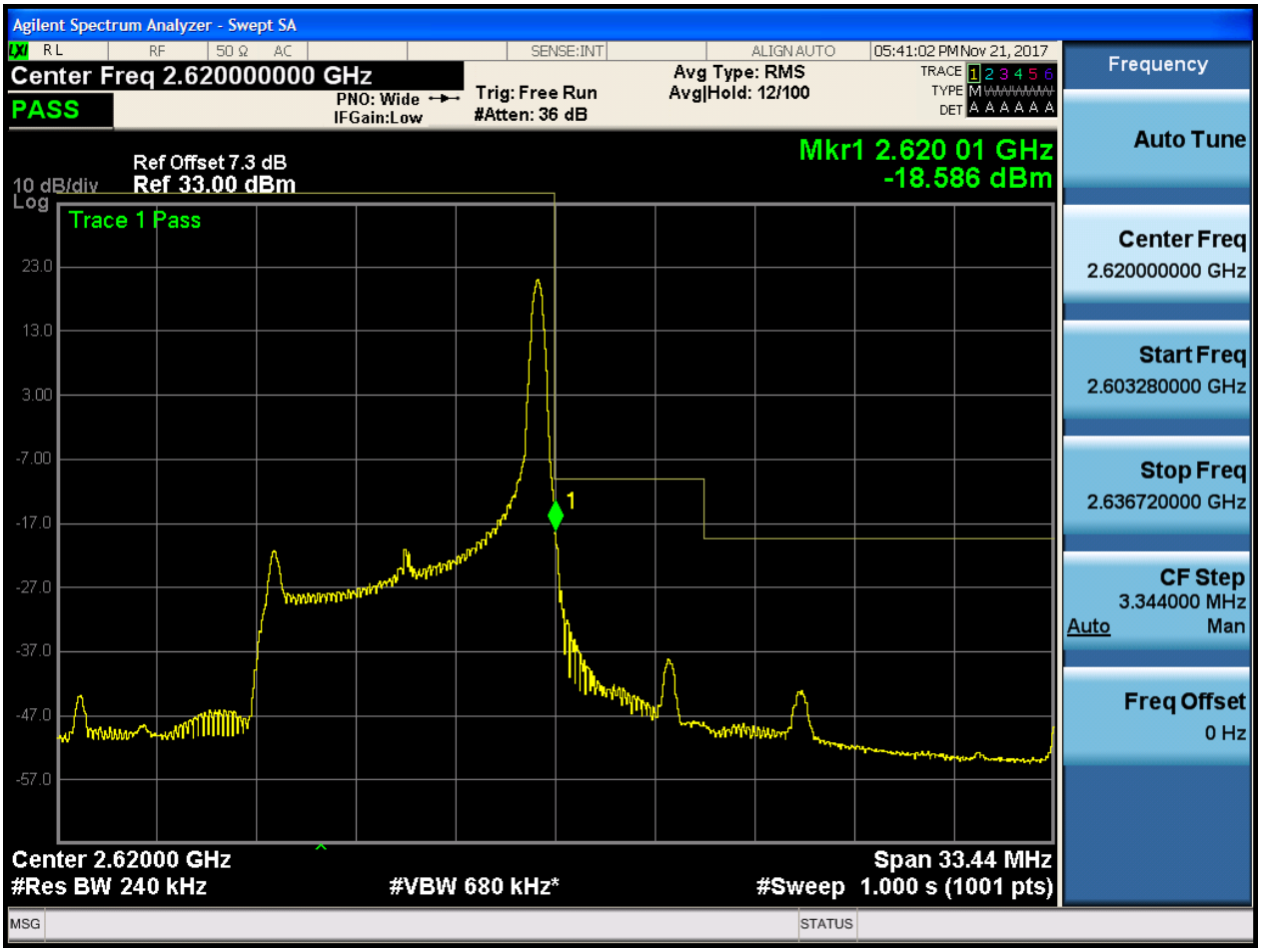


5.1.1.1.2.2 Test Channel = HCH

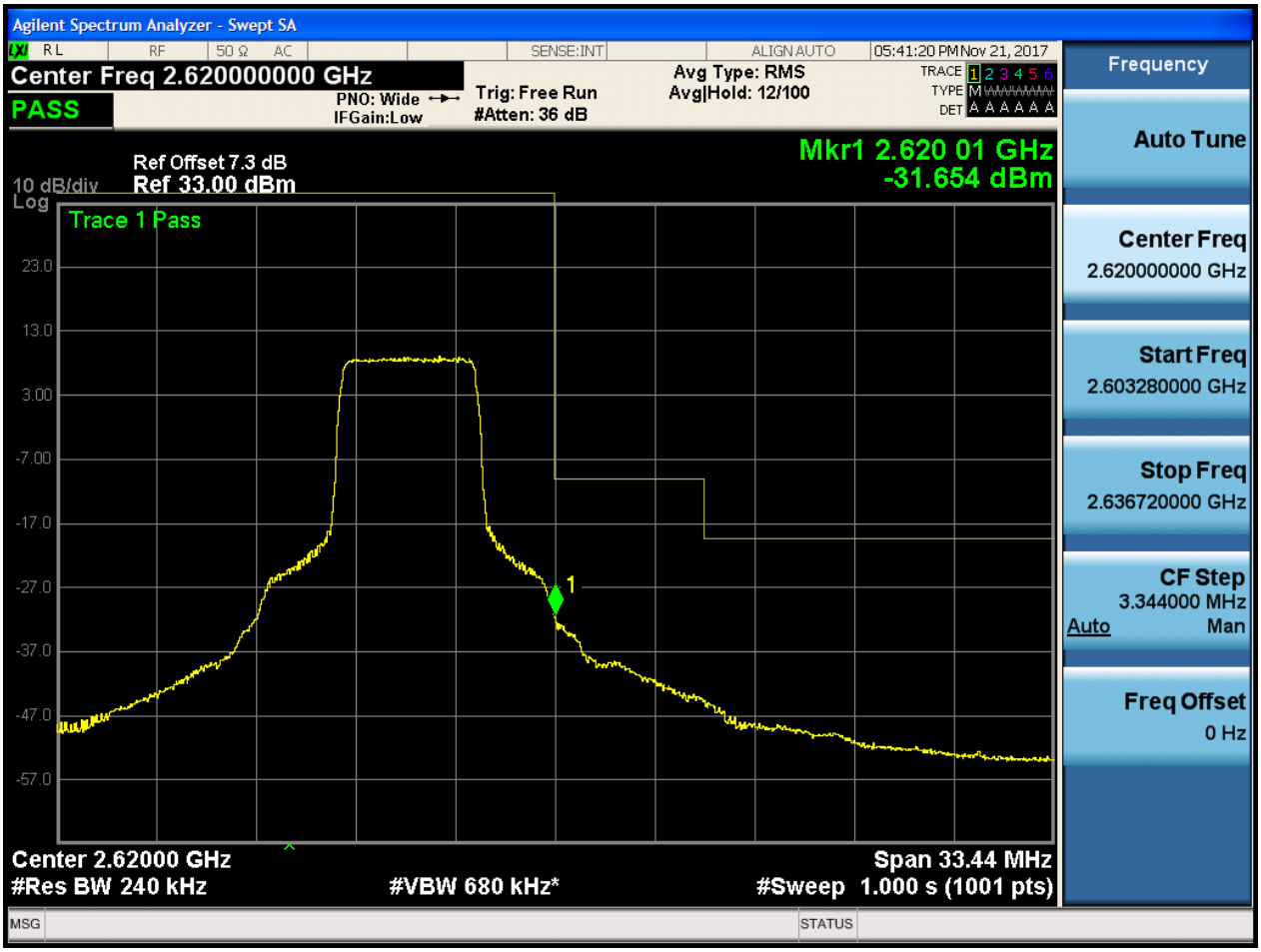
5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#49



5.1.1.1.2.2.3 Test RB = RB25#13

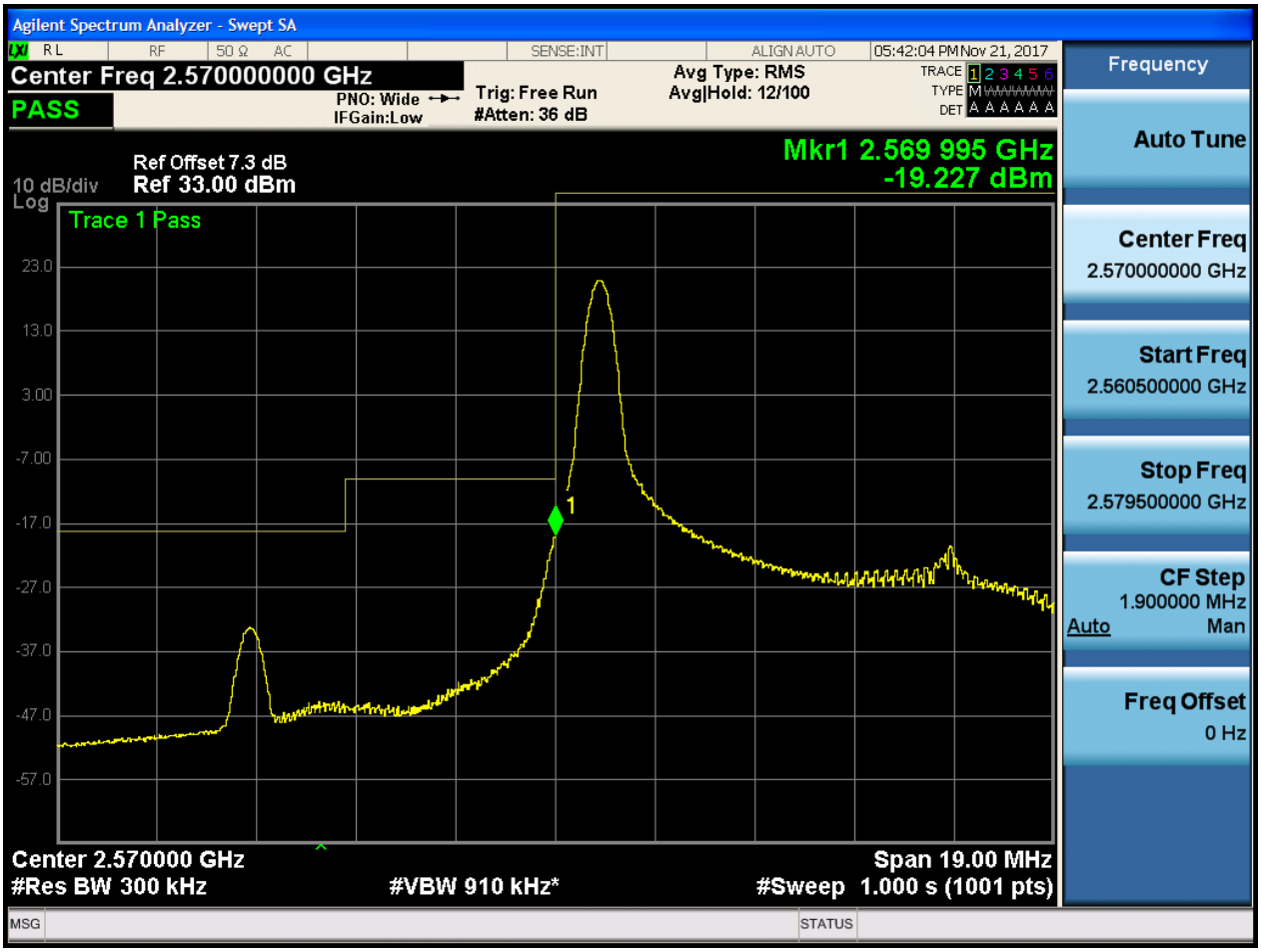


5.1.1.1.2.2.4 Test RB = RB50#0

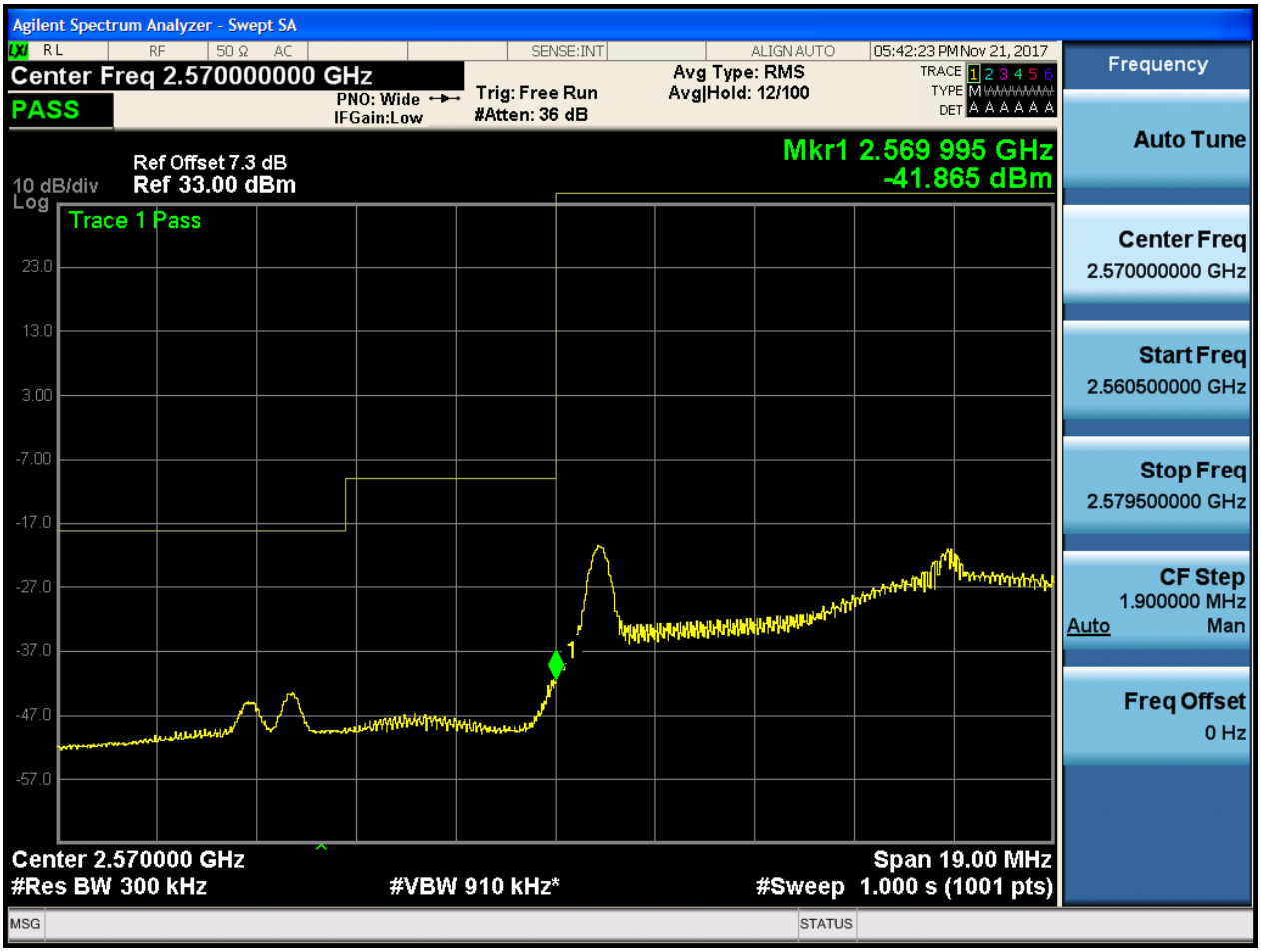
5.1.1.1.3 Test Bandwidth = 15

5.1.1.1.3.1 Test Channel = LCH

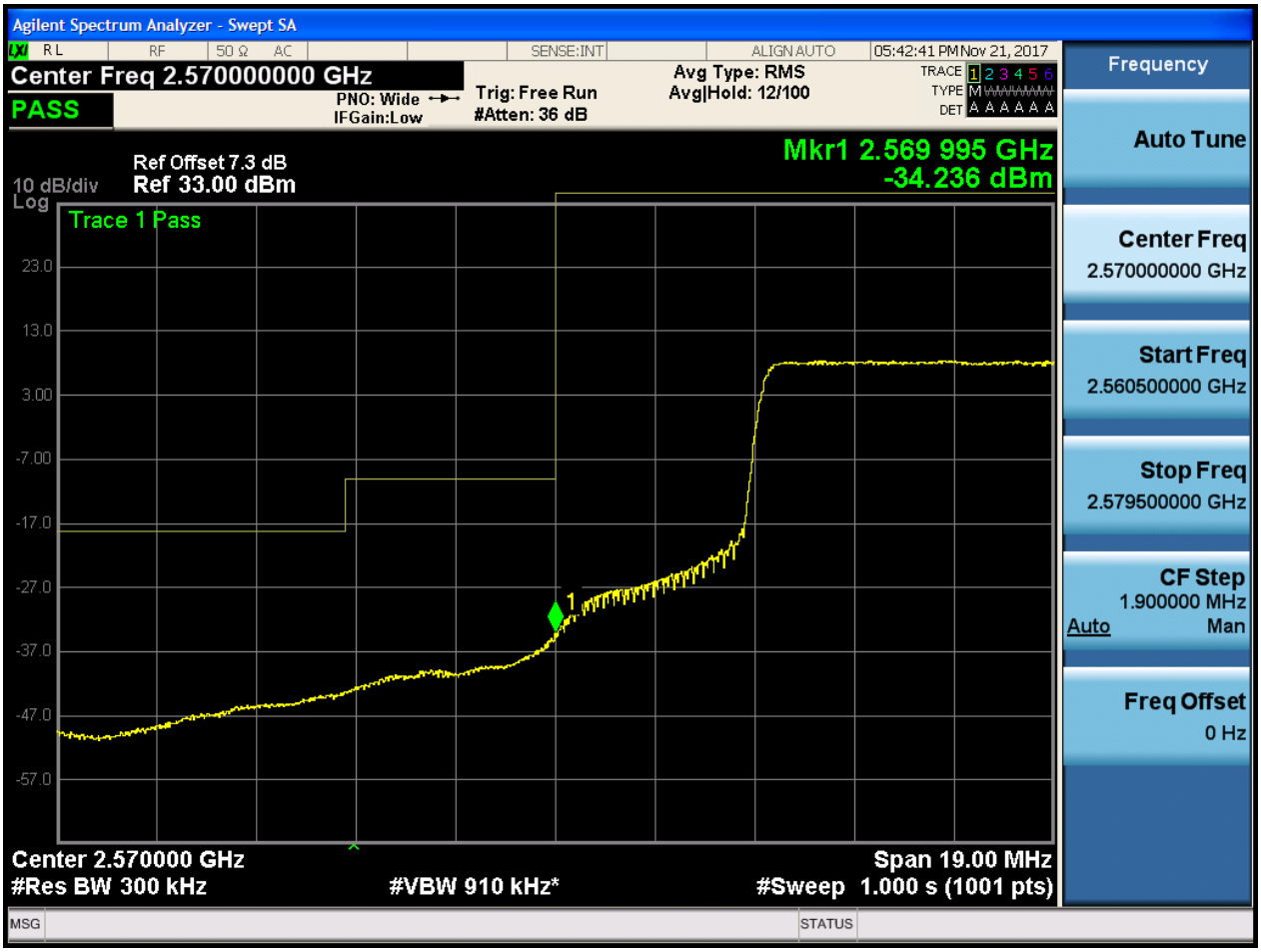
5.1.1.1.3.1.1 Test RB = RB1#0



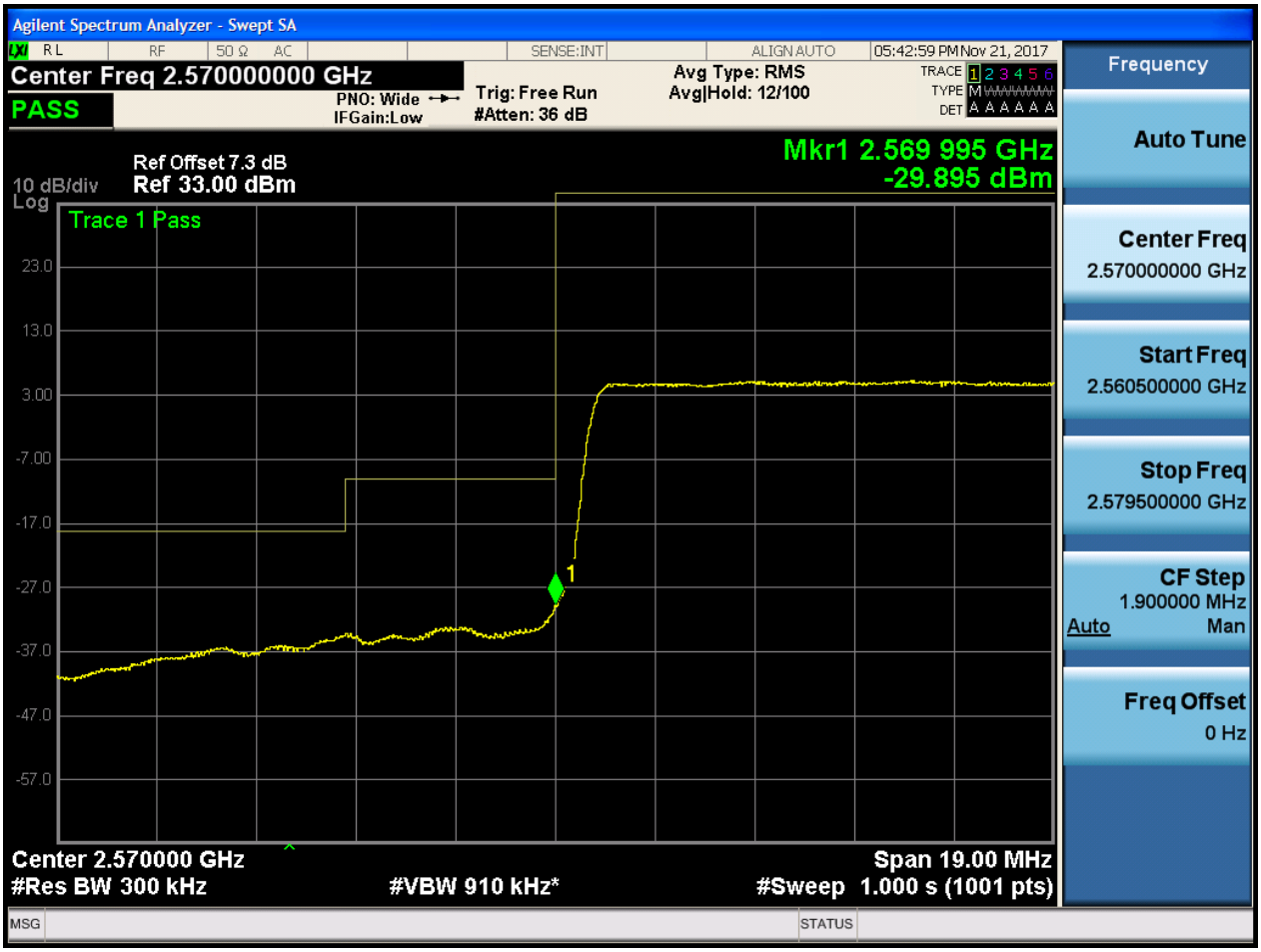
5.1.1.1.3.1.2 Test RB = RB1#74



5.1.1.1.3.1.3 Test RB = RB36#18

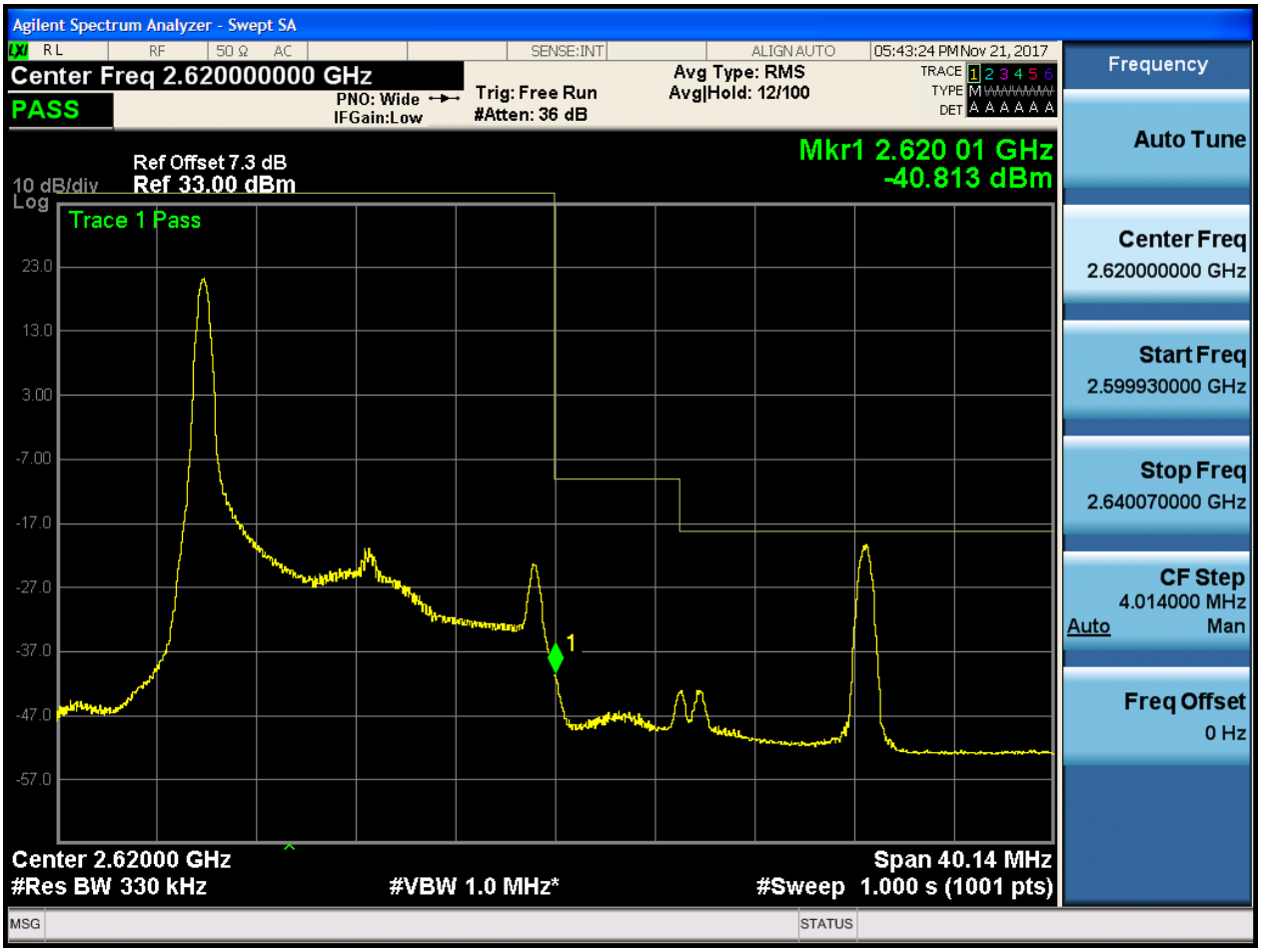


5.1.1.1.3.1.4 Test RB = RB75#0

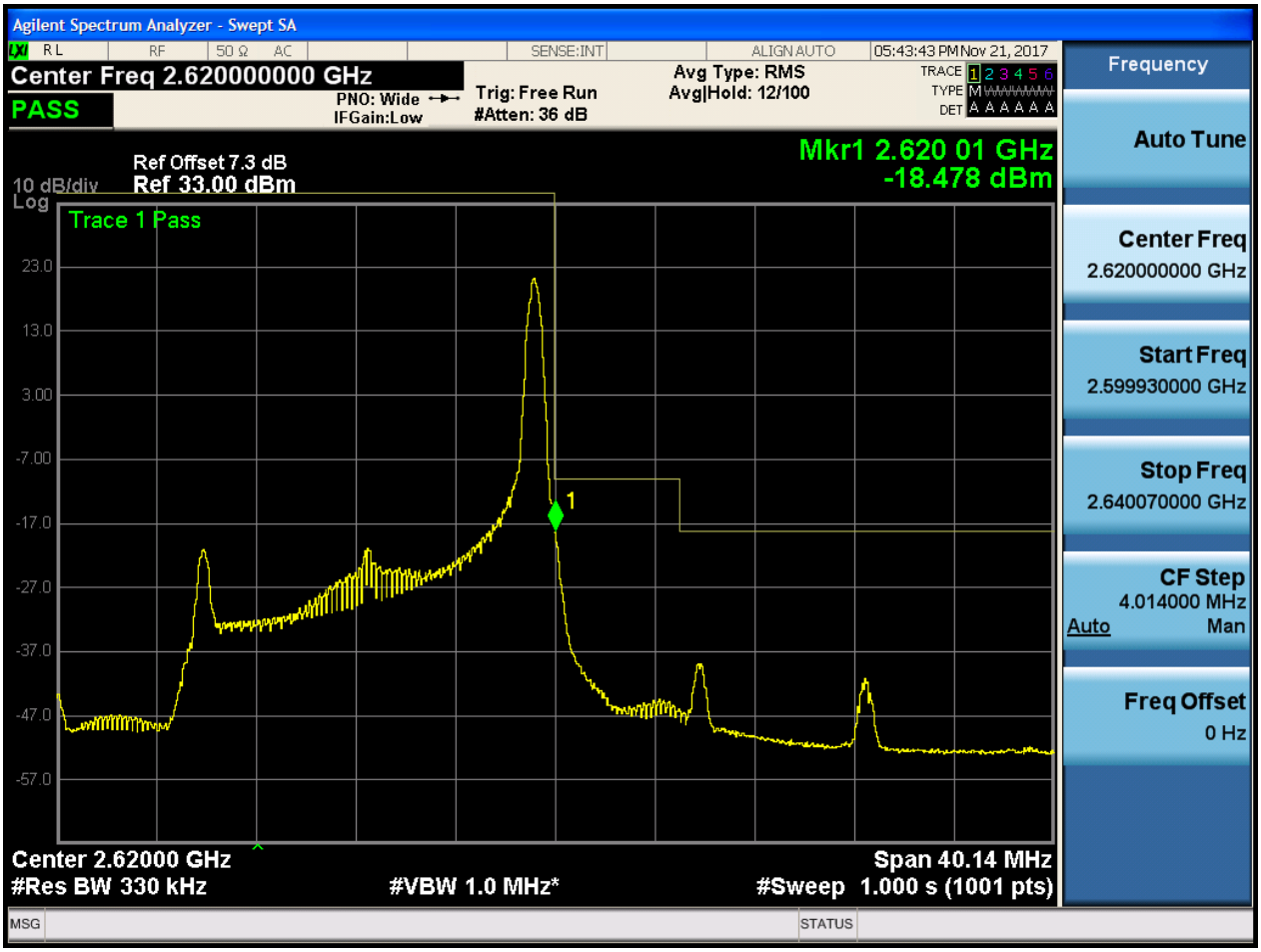


5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



5.1.1.1.3.2.2 Test RB = RB1#74



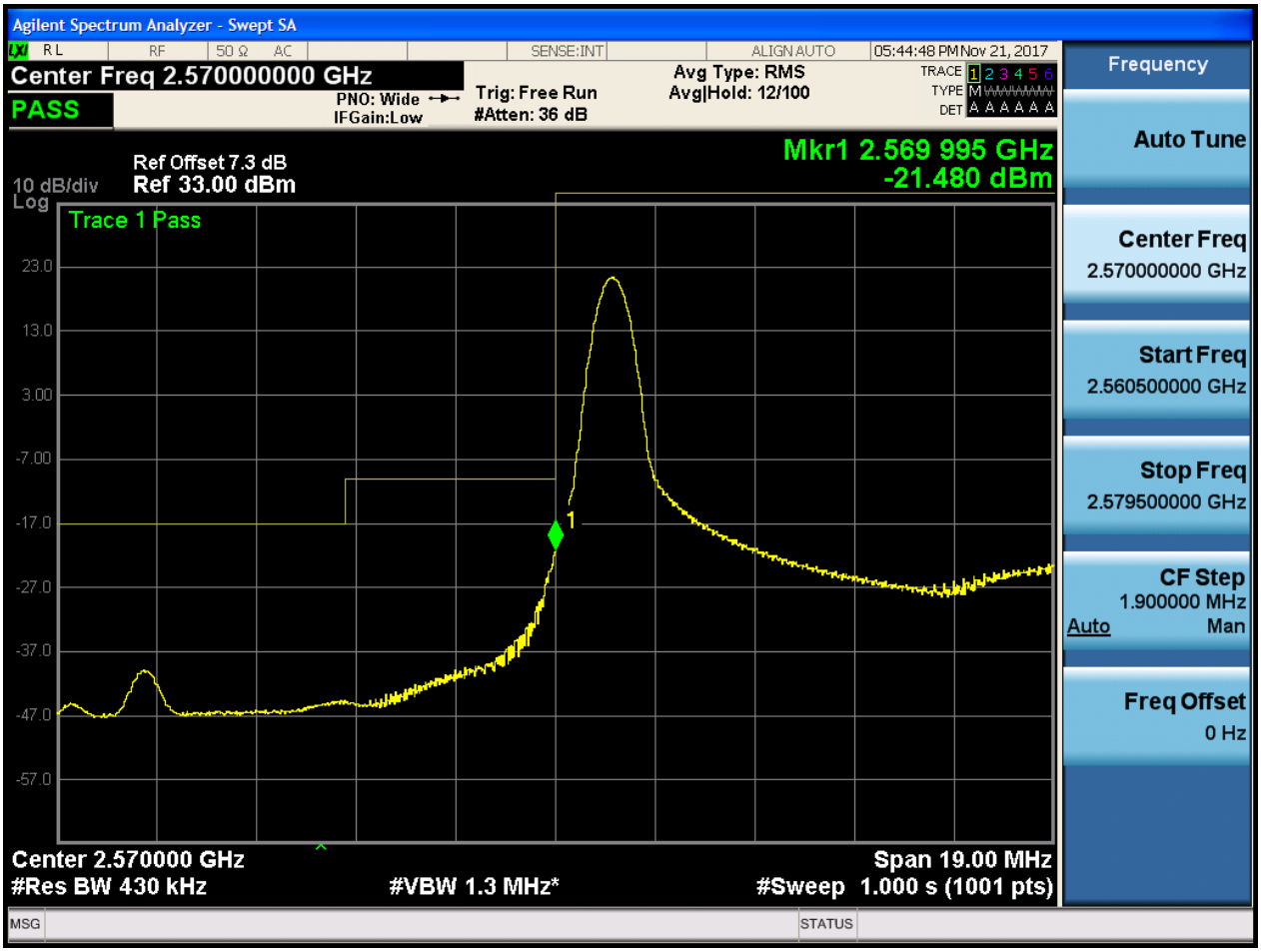
5.1.1.1.3.2.3 Test RB = RB36#18

5.1.1.1.3.2.4 Test RB = RB75#0

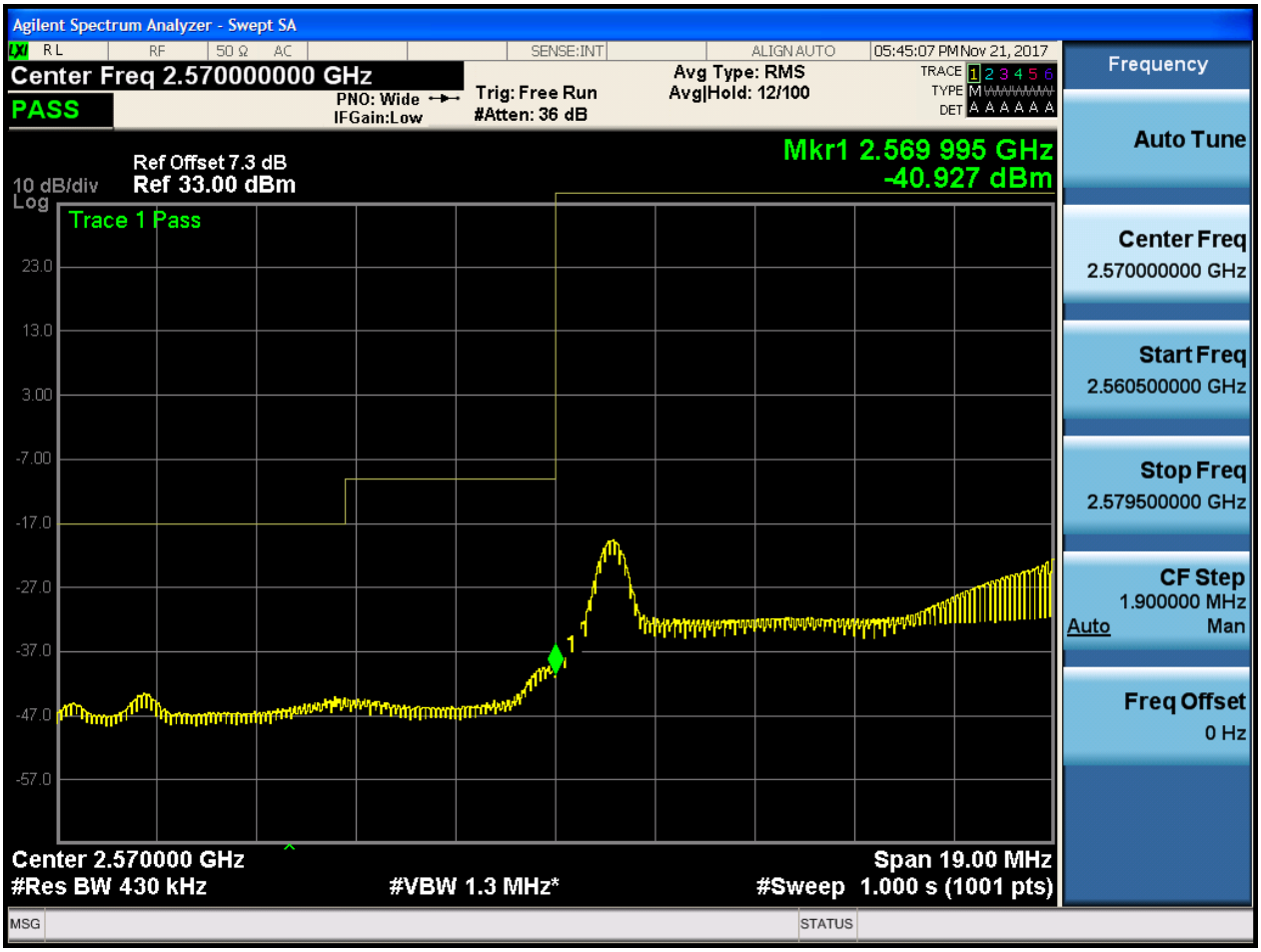
5.1.1.1.4 Test Bandwidth = 20

5.1.1.1.4.1 Test Channel = LCH

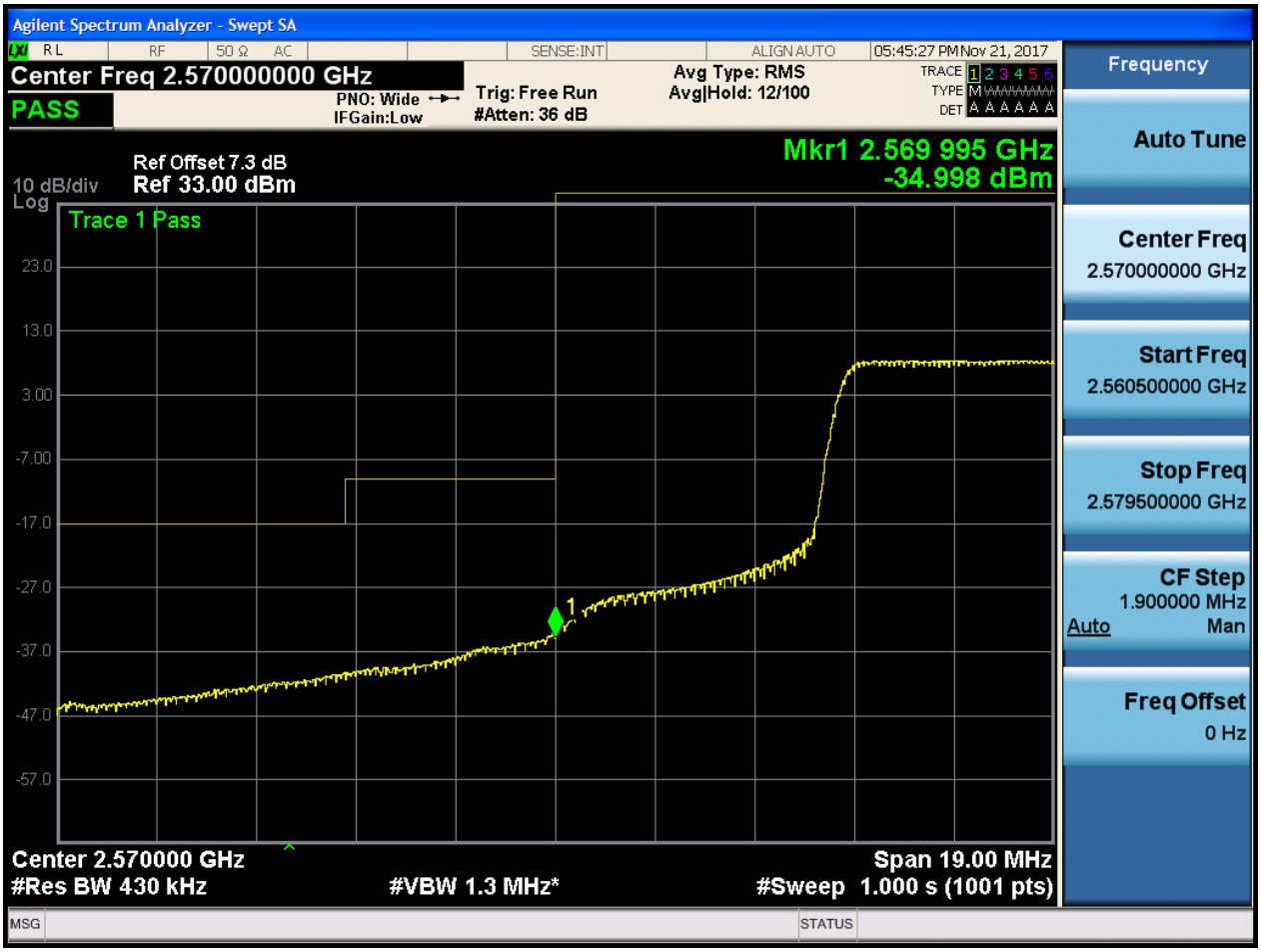
5.1.1.1.4.1.1 Test RB = RB1#0



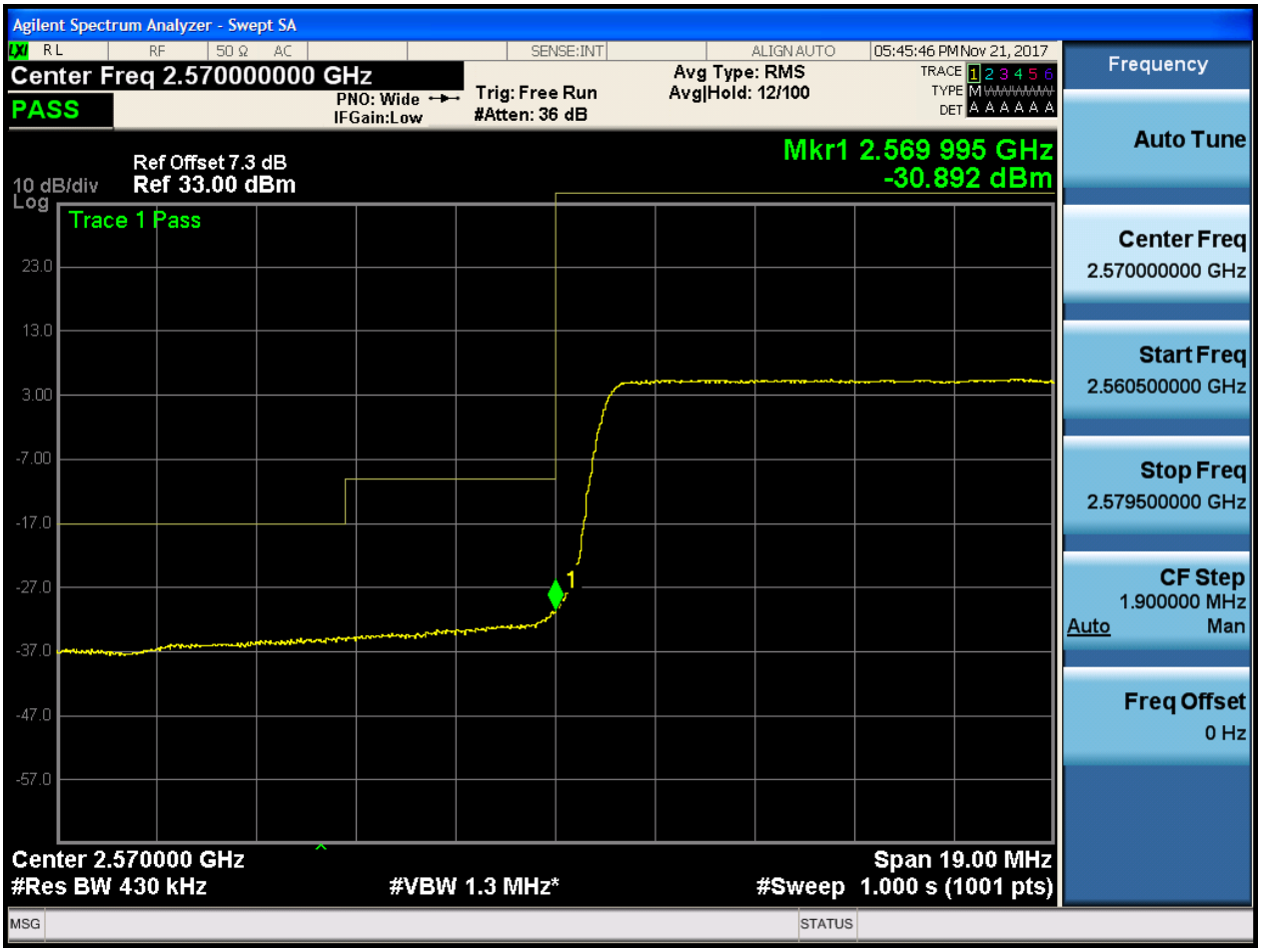
5.1.1.1.4.1.2 Test RB = RB1#99



5.1.1.1.4.1.3 Test RB = RB50#25

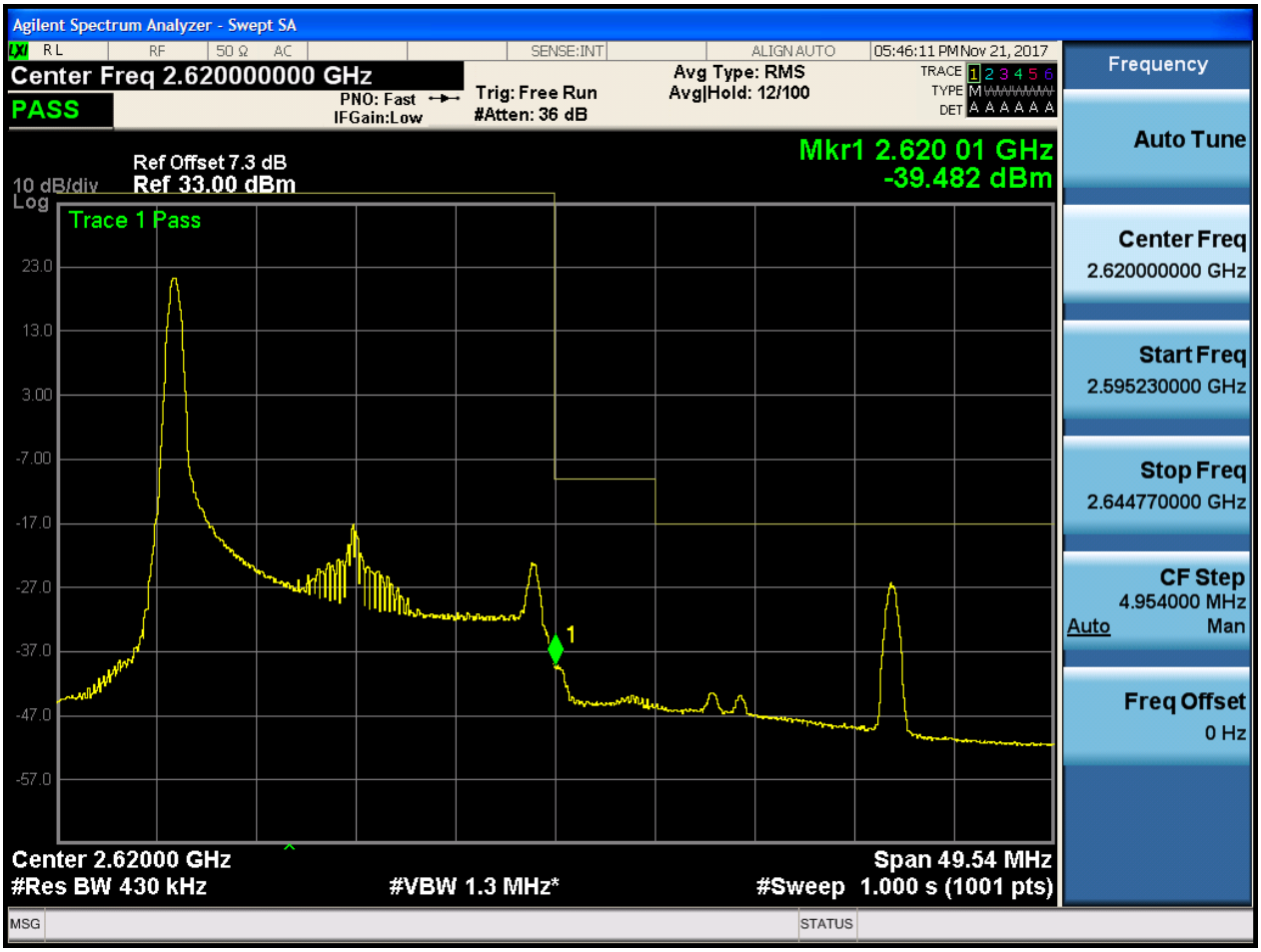


5.1.1.1.4.1.4 Test RB = RB100#0



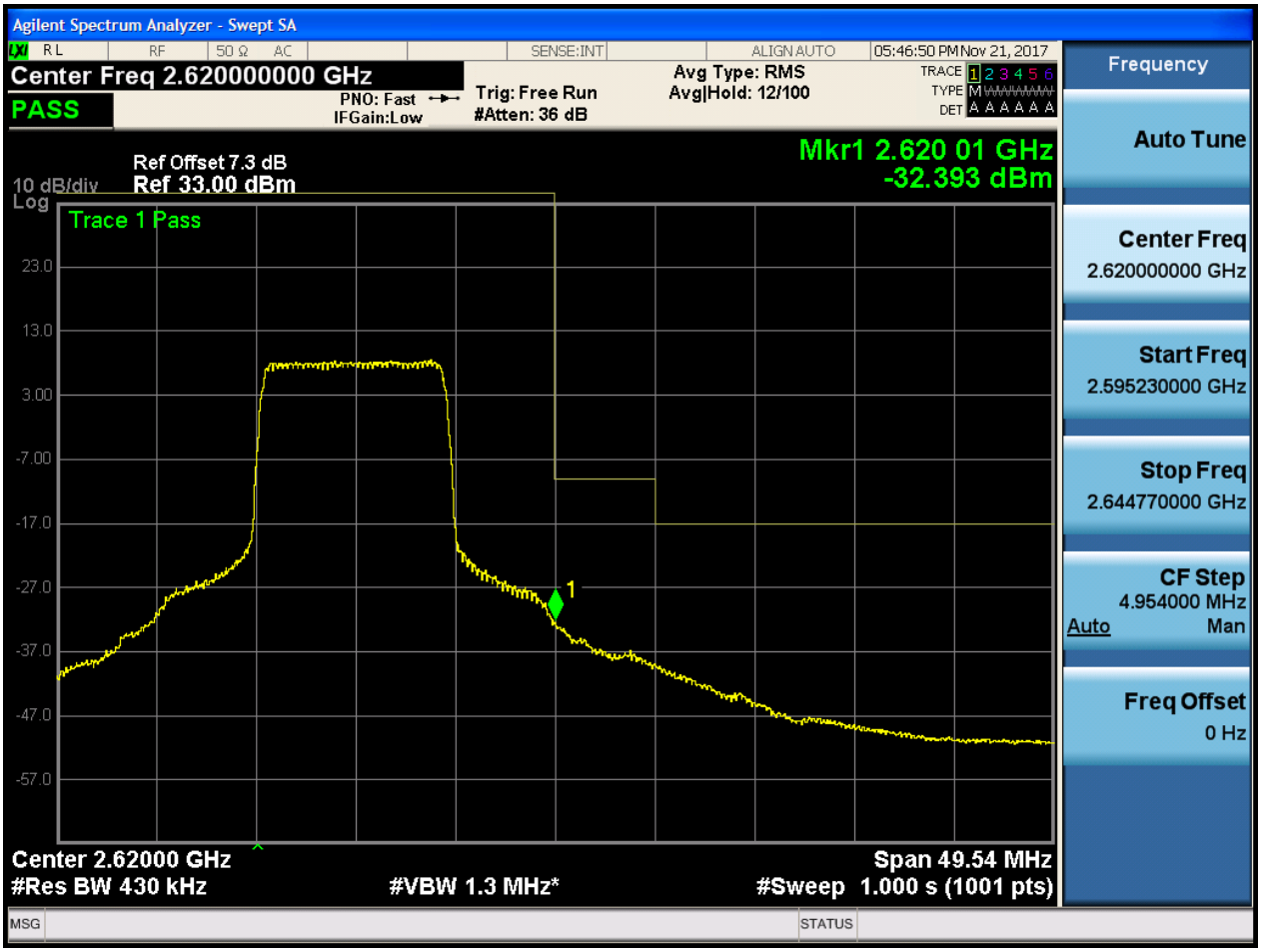
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



5.1.1.1.4.2.2 Test RB = RB1#99

5.1.1.1.4.2.3 Test RB = RB50#25



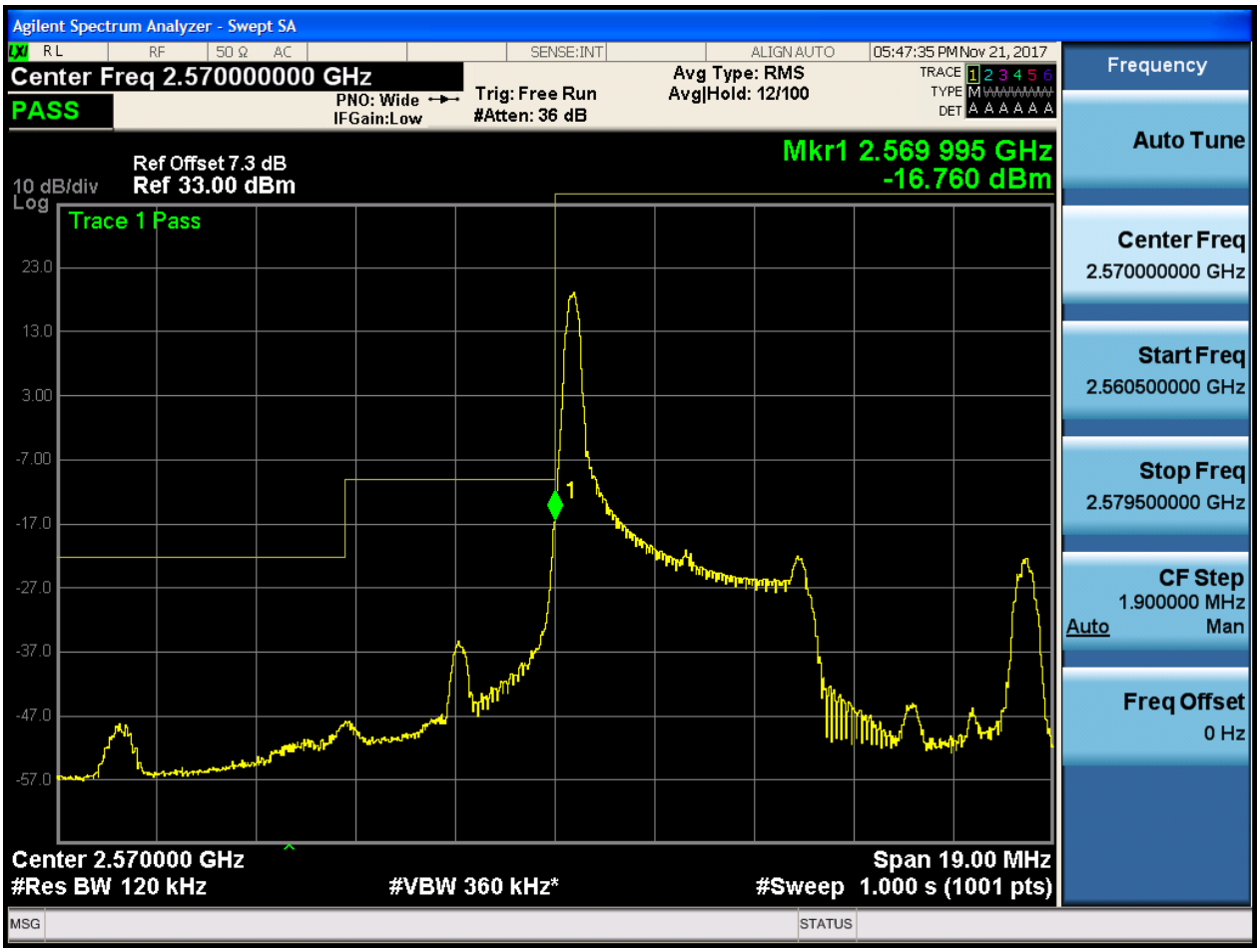
5.1.1.1.4.2.4 Test RB = RB100#0

5.1.1.2 Test Mode = LTE/TM2

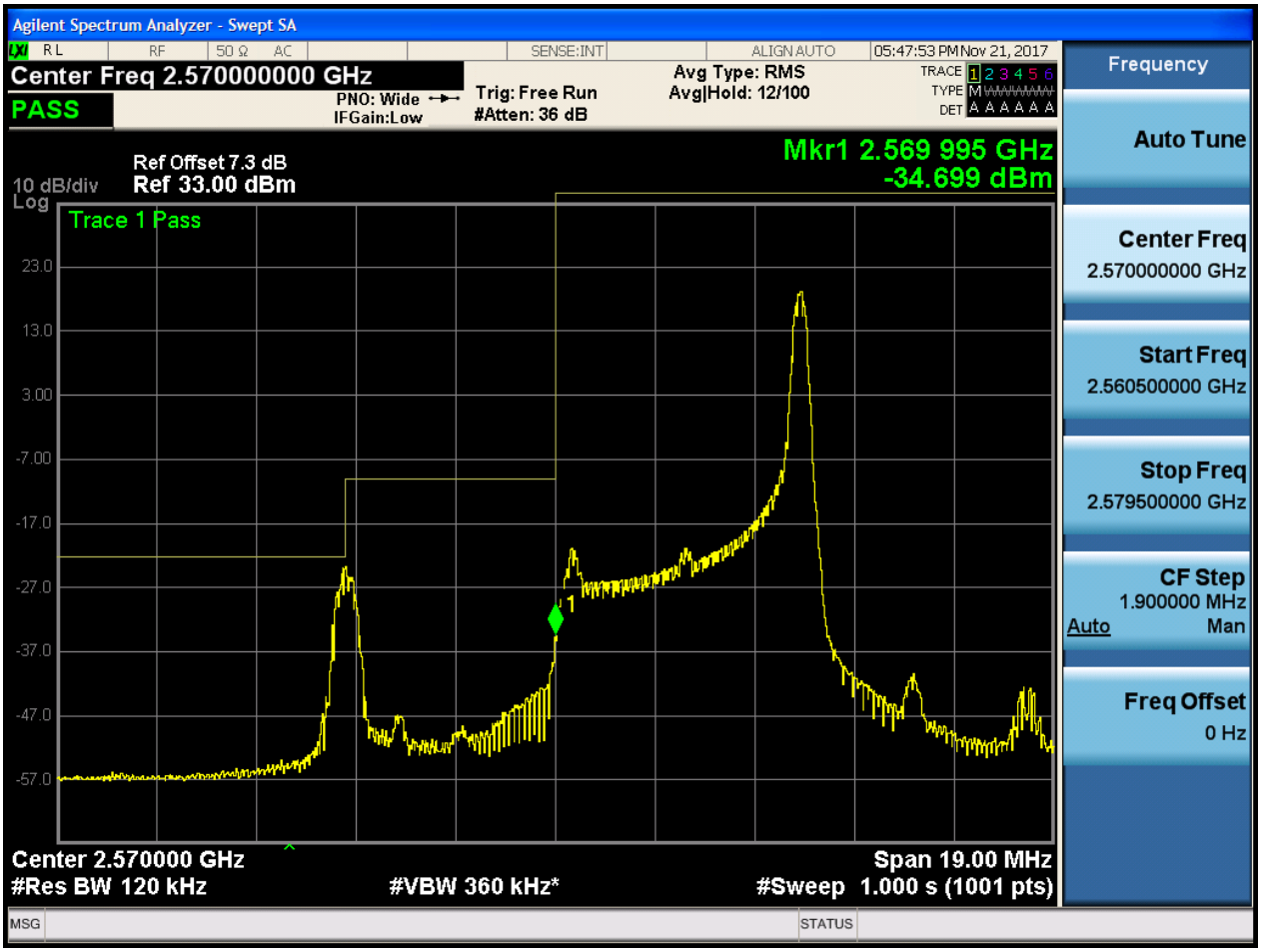
5.1.1.2.1 Test Bandwidth = 5

5.1.1.2.1.1 Test Channel = LCH

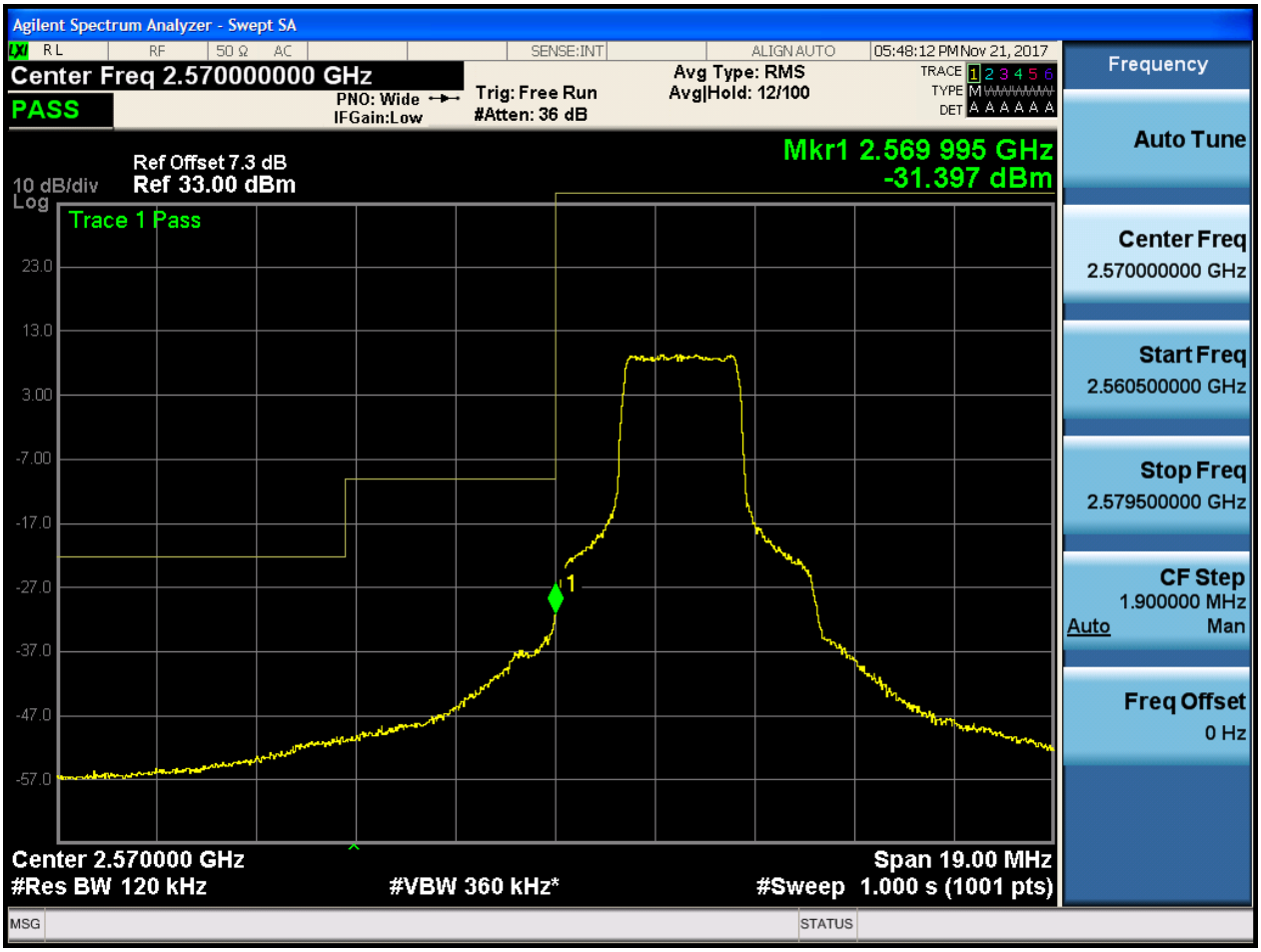
####### 5.1.1.2.1.1.1 Test RB = RB1#0



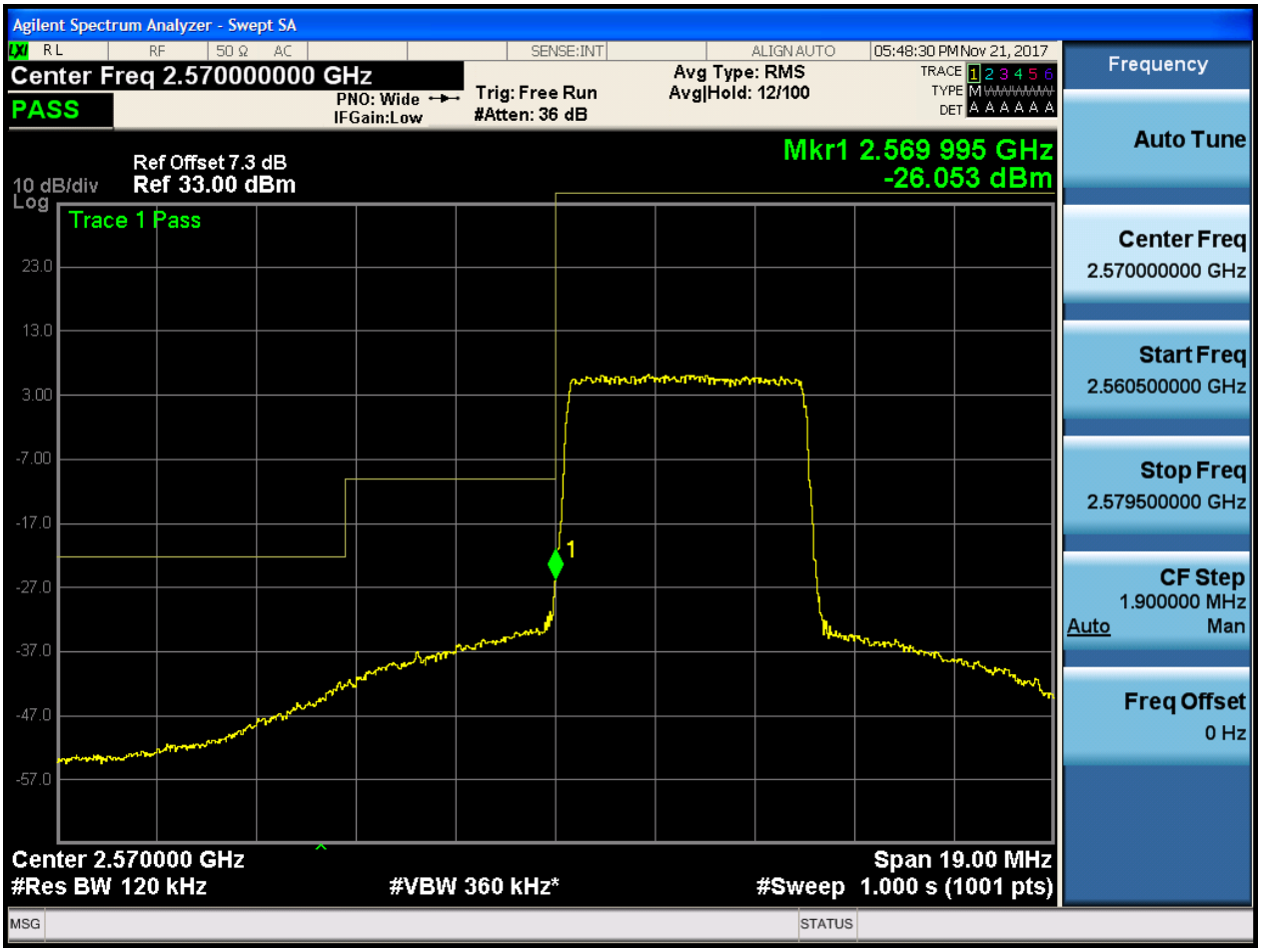
5.1.1.2.1.1.2 Test RB = RB1#24



5.1.1.2.1.1.3 Test RB = RB12#6

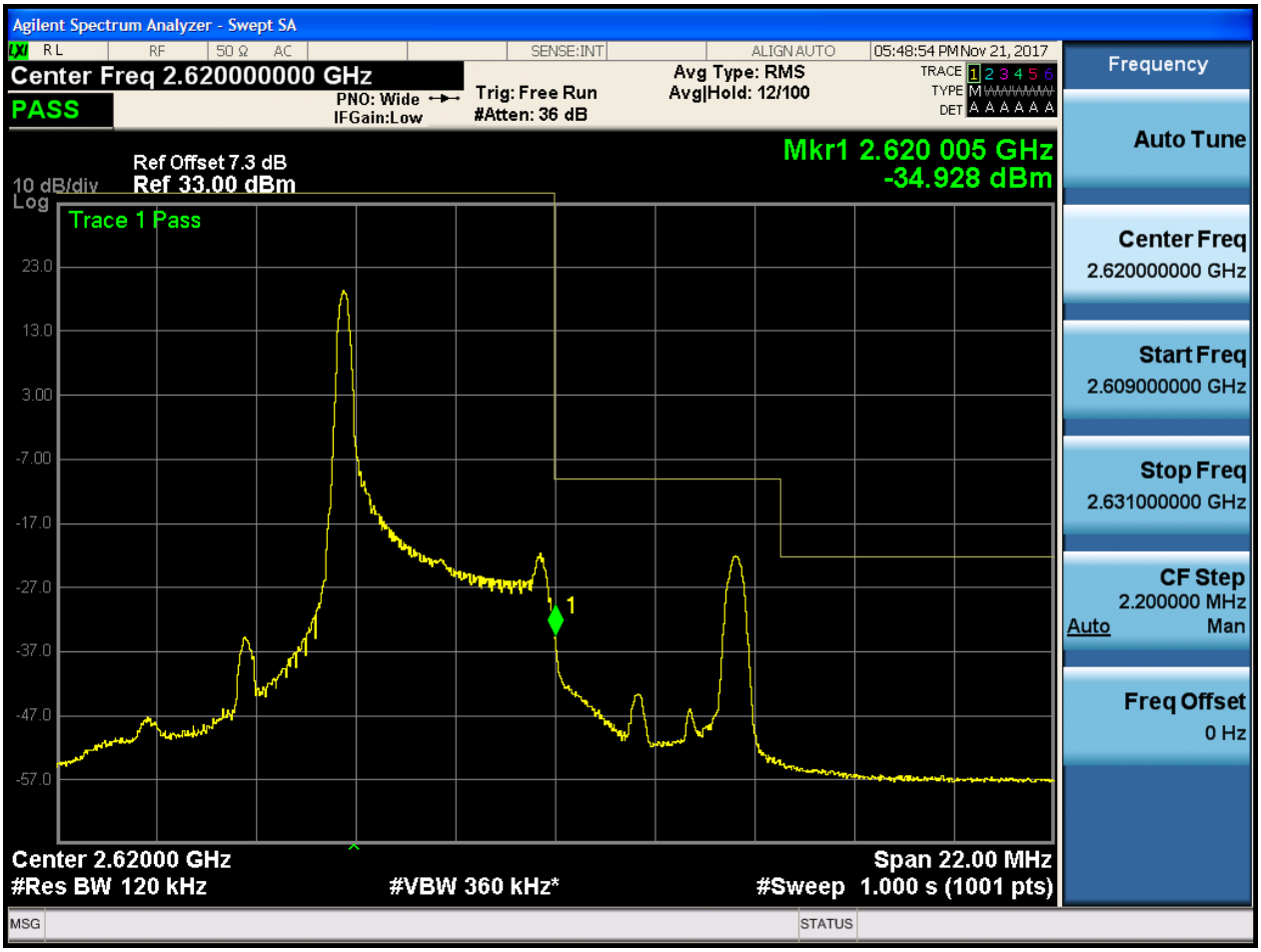


5.1.1.2.1.1.4 Test RB = RB25#0

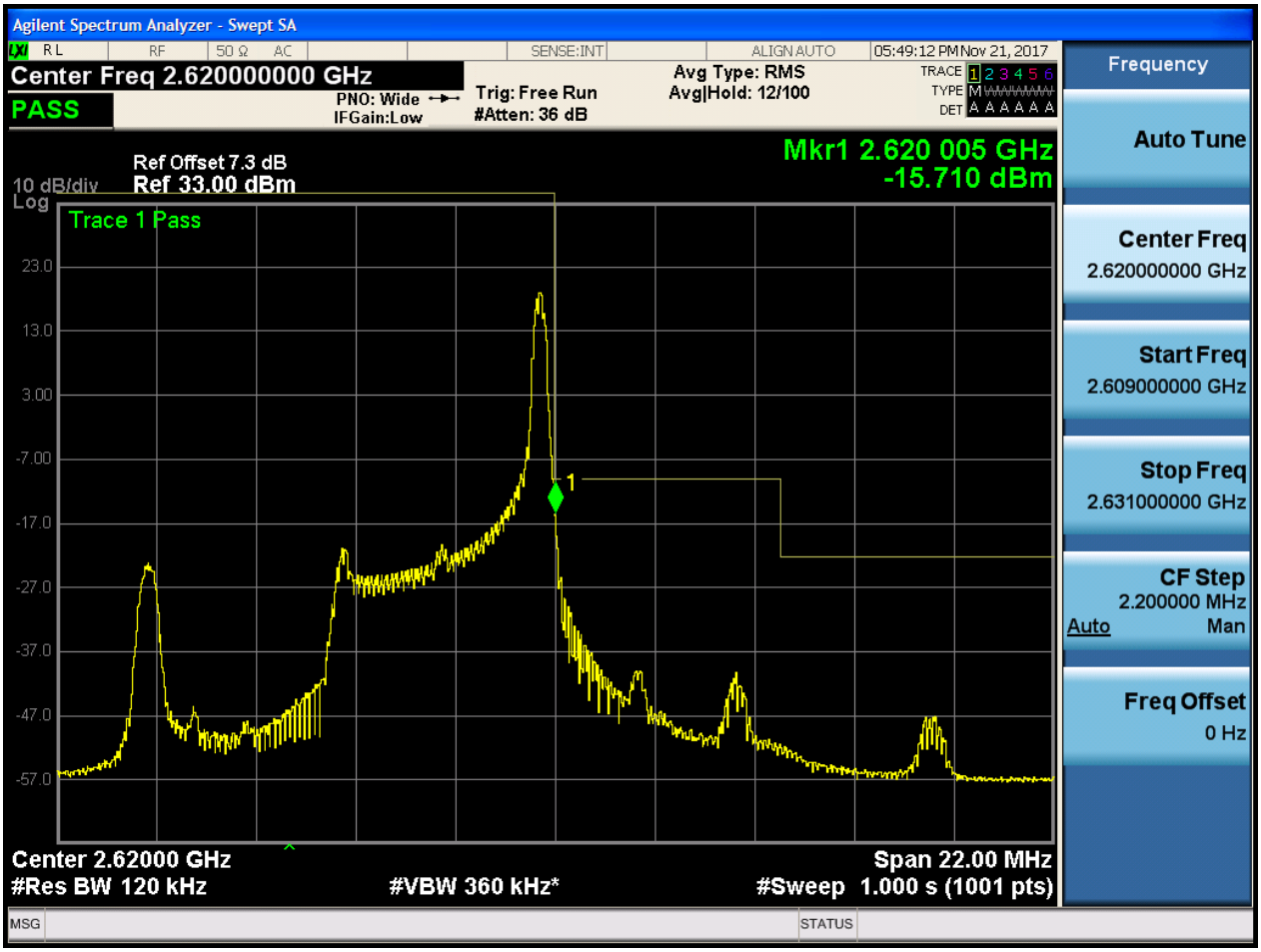


5.1.1.2.1.2 Test Channel = HCH

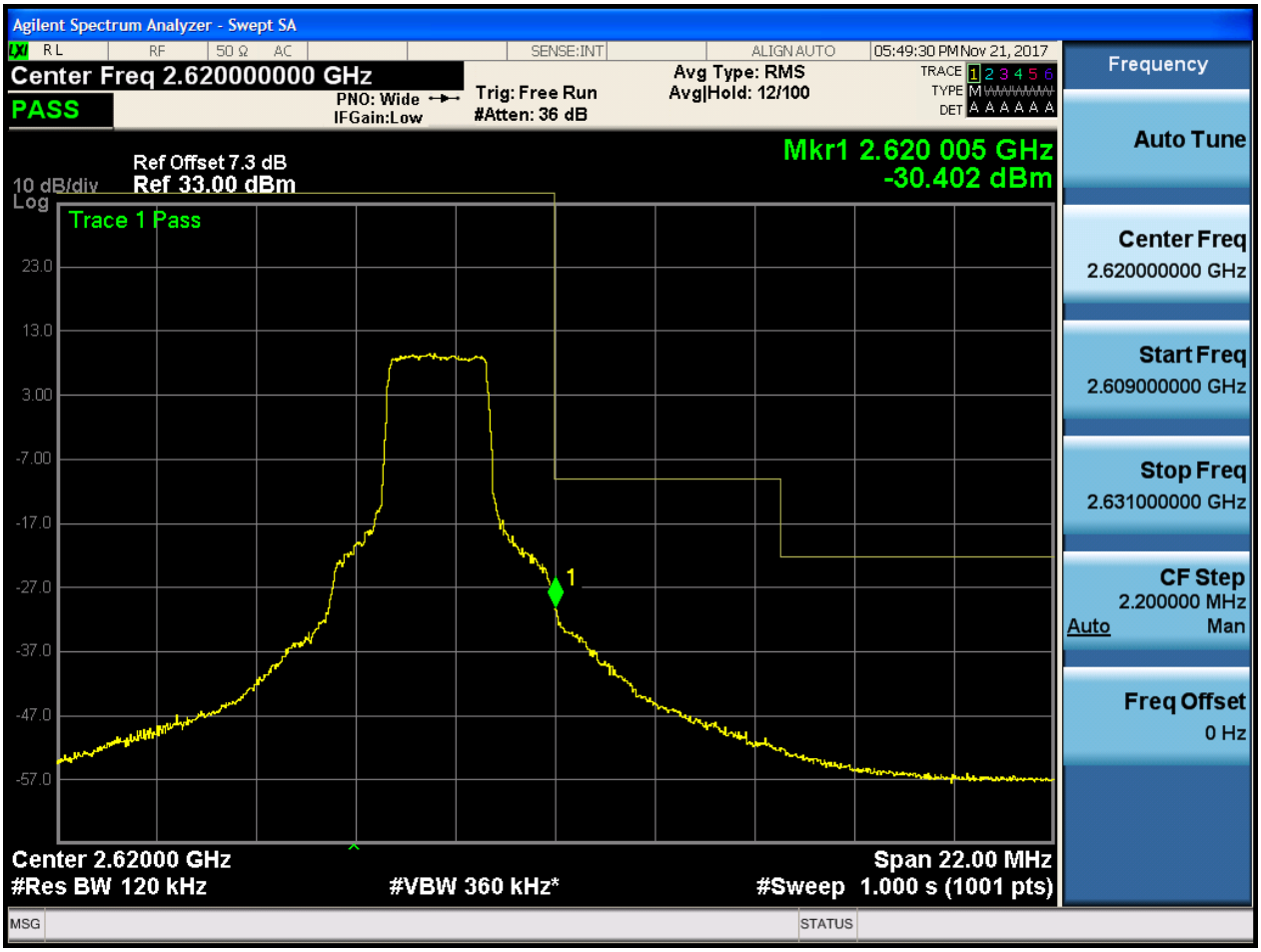
5.1.1.2.1.2.1 Test RB = RB1#0



5.1.1.2.1.2.2 Test RB = RB1#24



5.1.1.2.1.2.3 Test RB = RB12#6

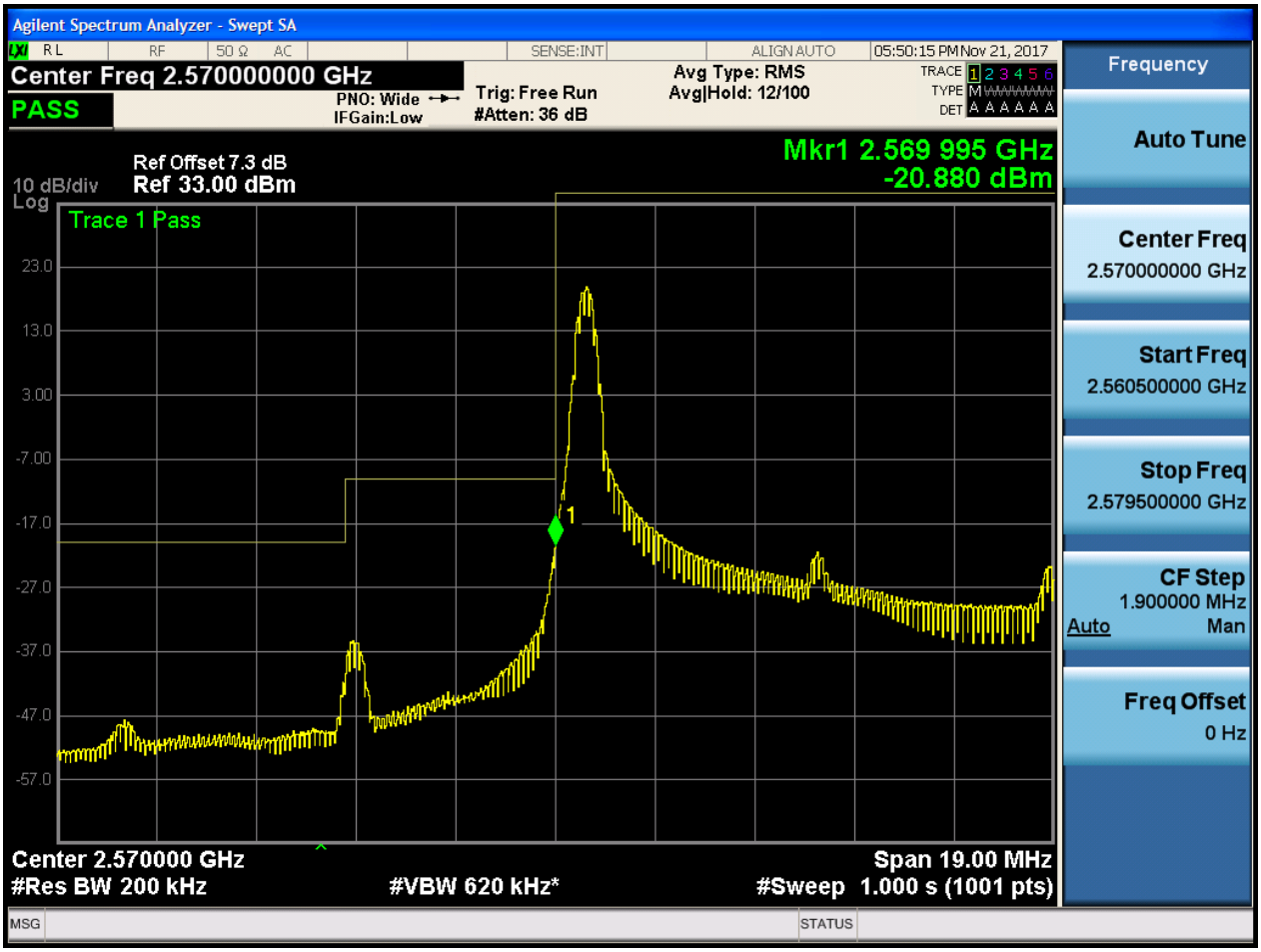


5.1.1.2.1.2.4 Test RB = RB25#0

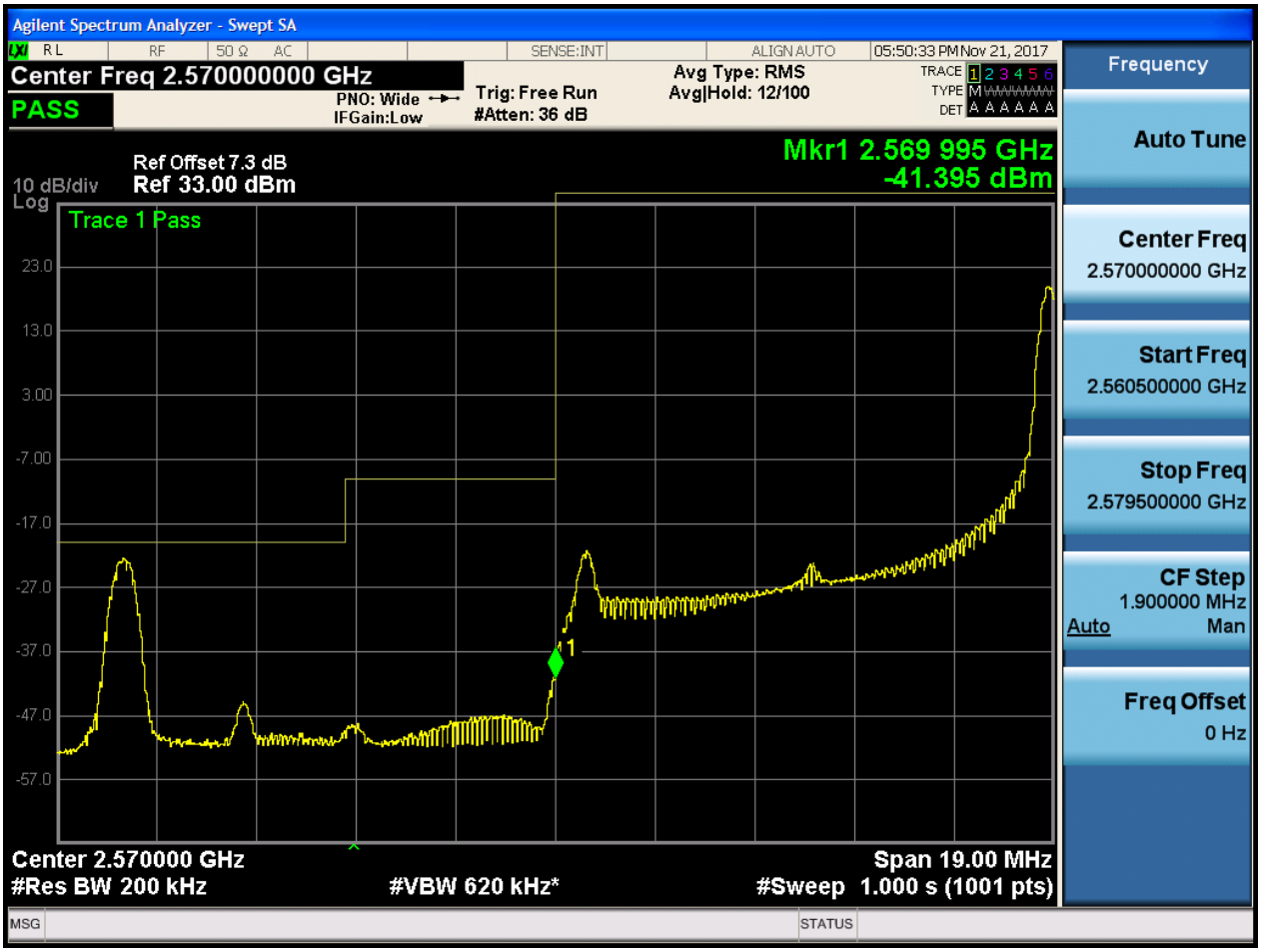
5.1.1.2.2 Test Bandwidth = 10

5.1.1.2.2.1 Test Channel = LCH

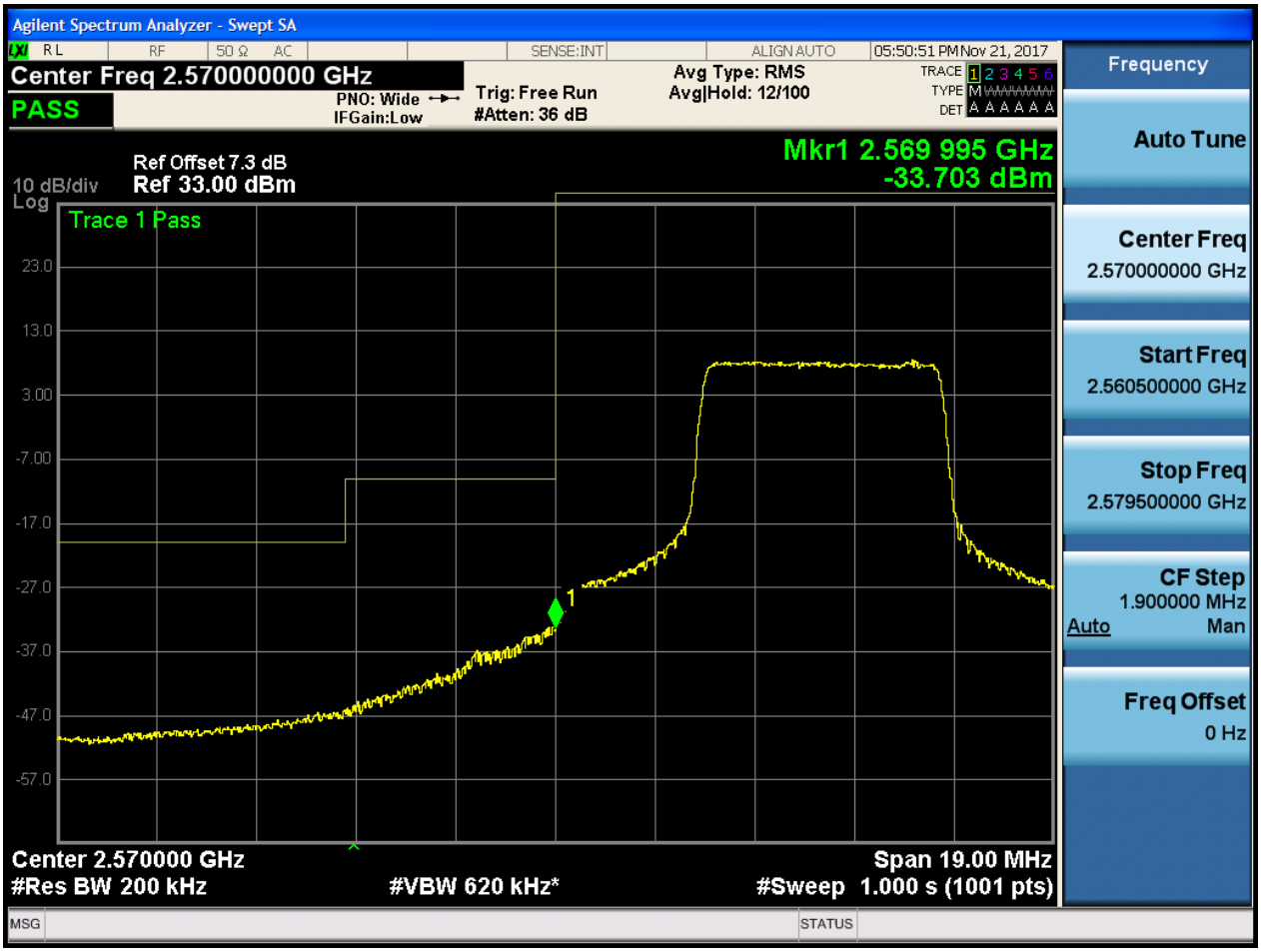
5.1.1.2.2.1.1 Test RB = RB1#0



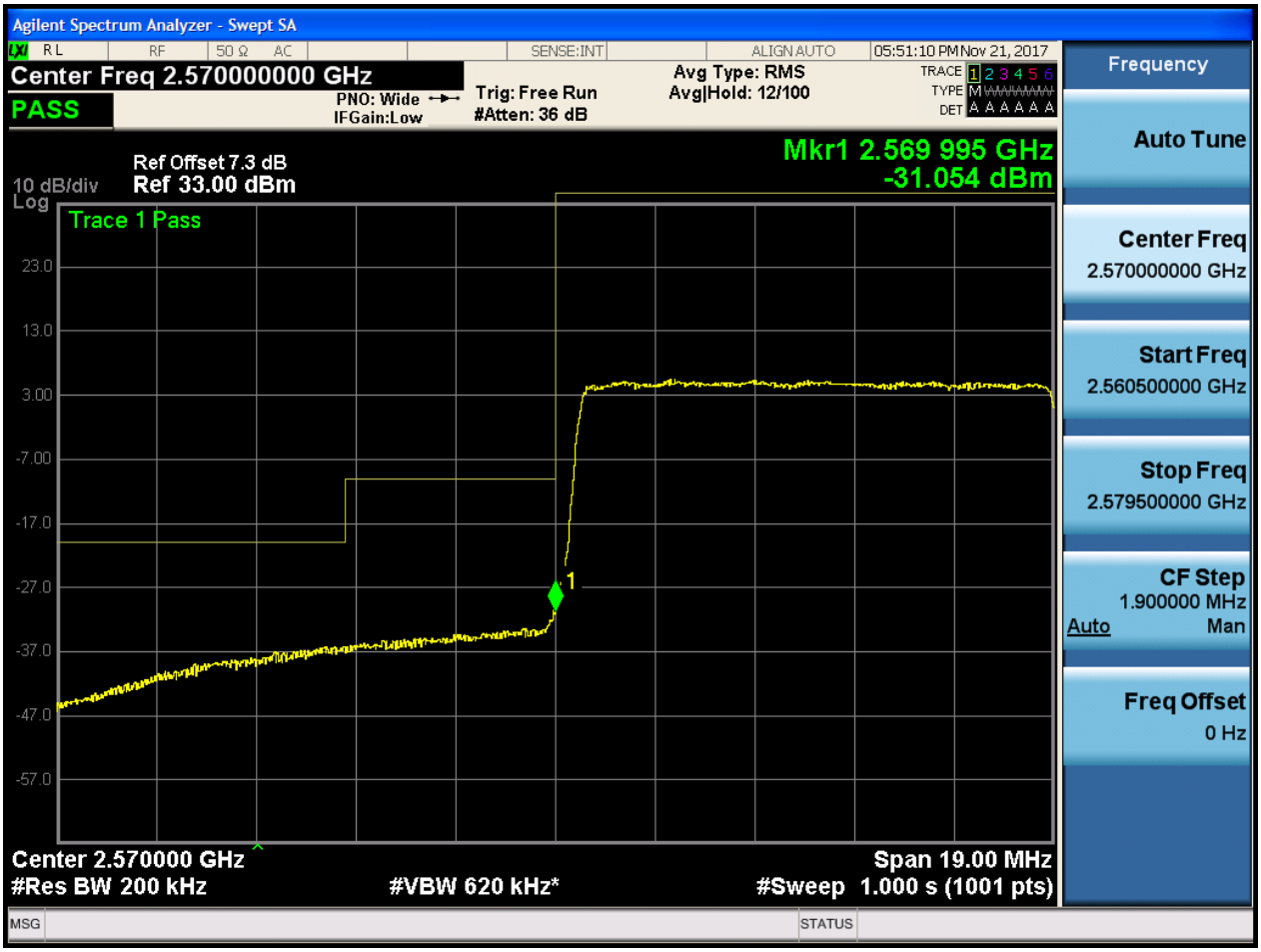
5.1.1.2.2.1.2 Test RB = RB1#49



5.1.1.2.2.1.3 Test RB = RB25#13

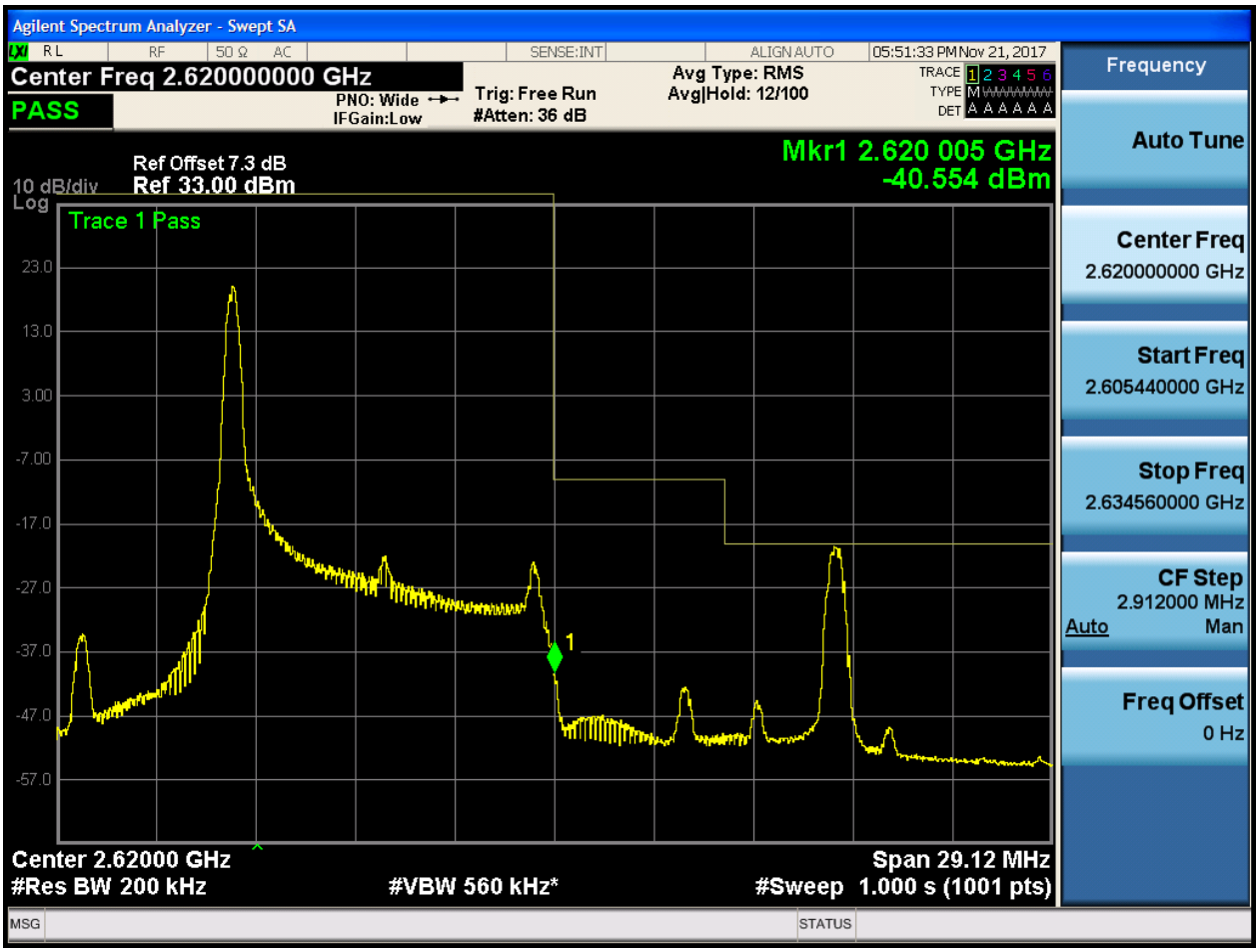


5.1.1.2.2.1.4 Test RB = RB50#0

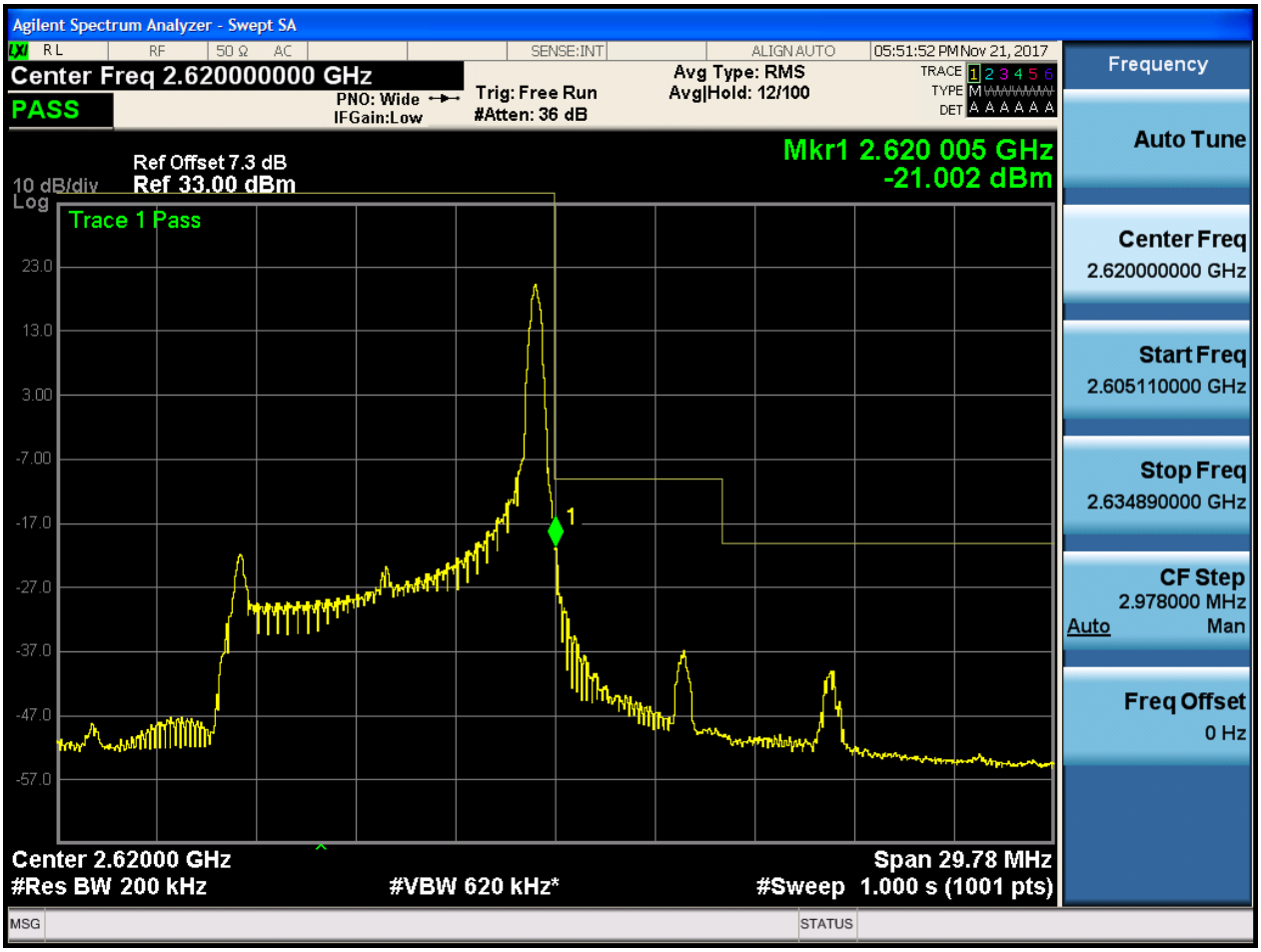


5.1.1.2.2.2 Test Channel = HCH

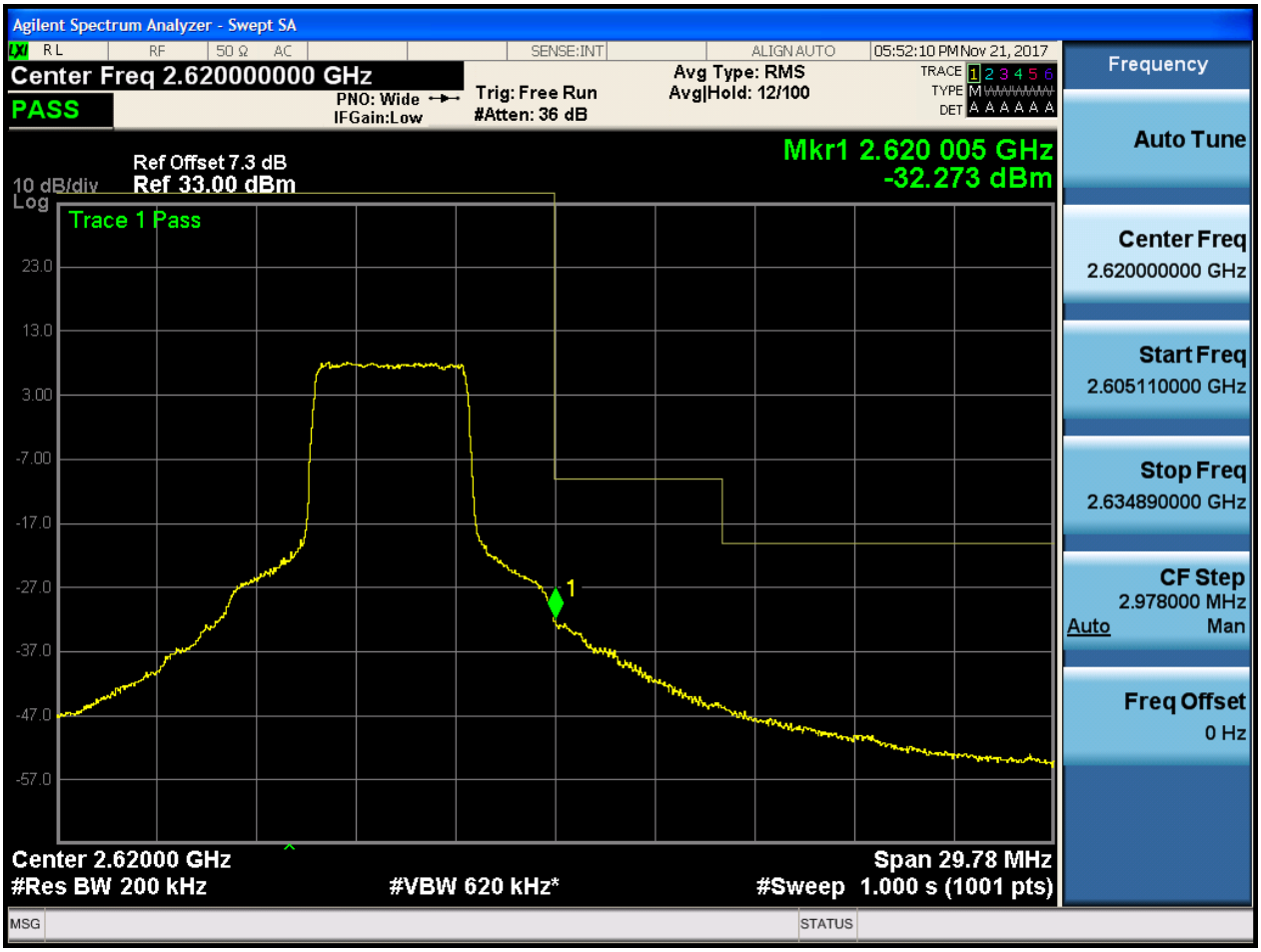
5.1.1.2.2.2.1 Test RB = RB1#0



5.1.1.2.2.2 Test RB = RB1#49



5.1.1.2.2.3 Test RB = RB25#13

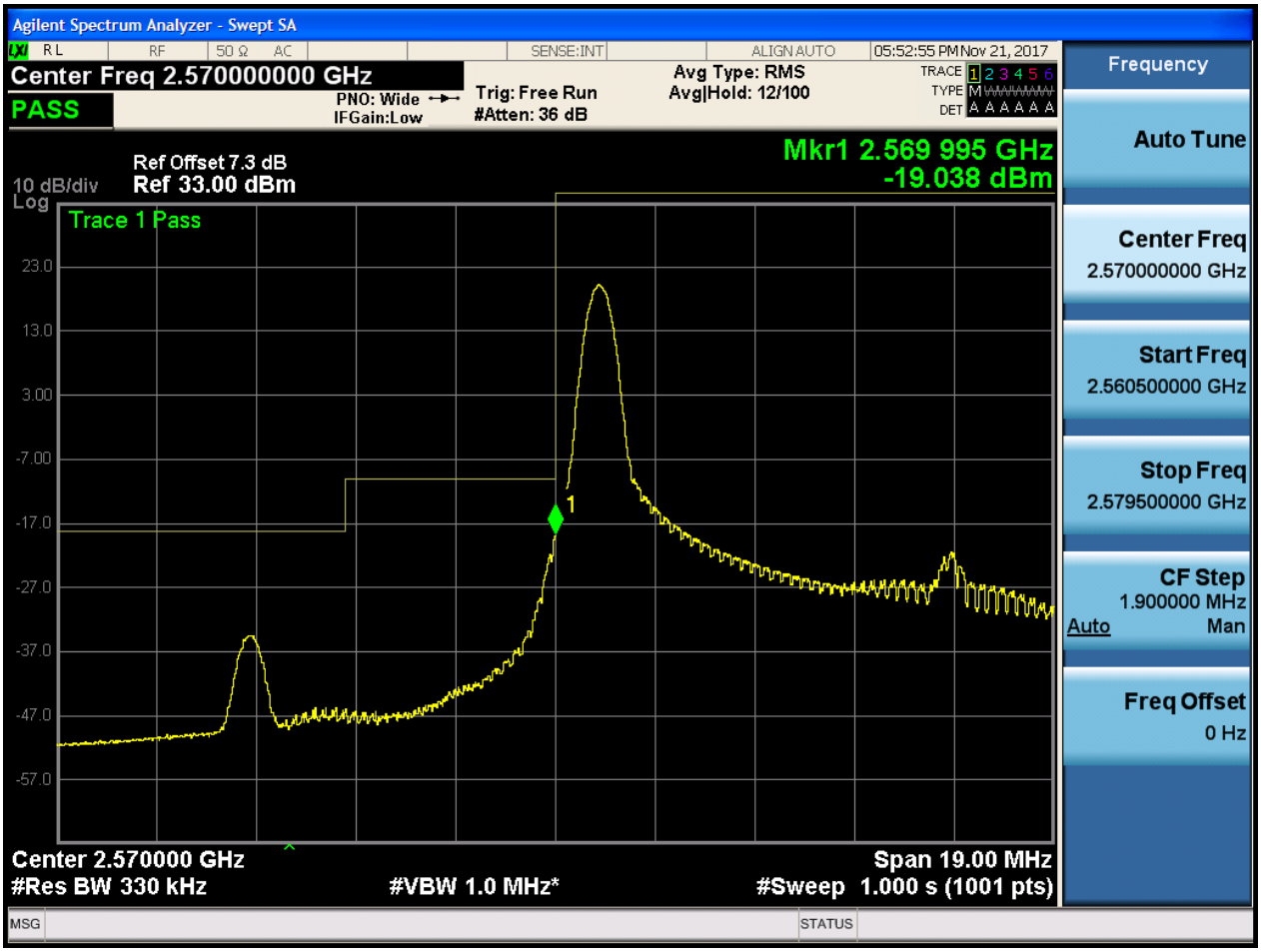


5.1.1.2.2.4 Test RB = RB50#0

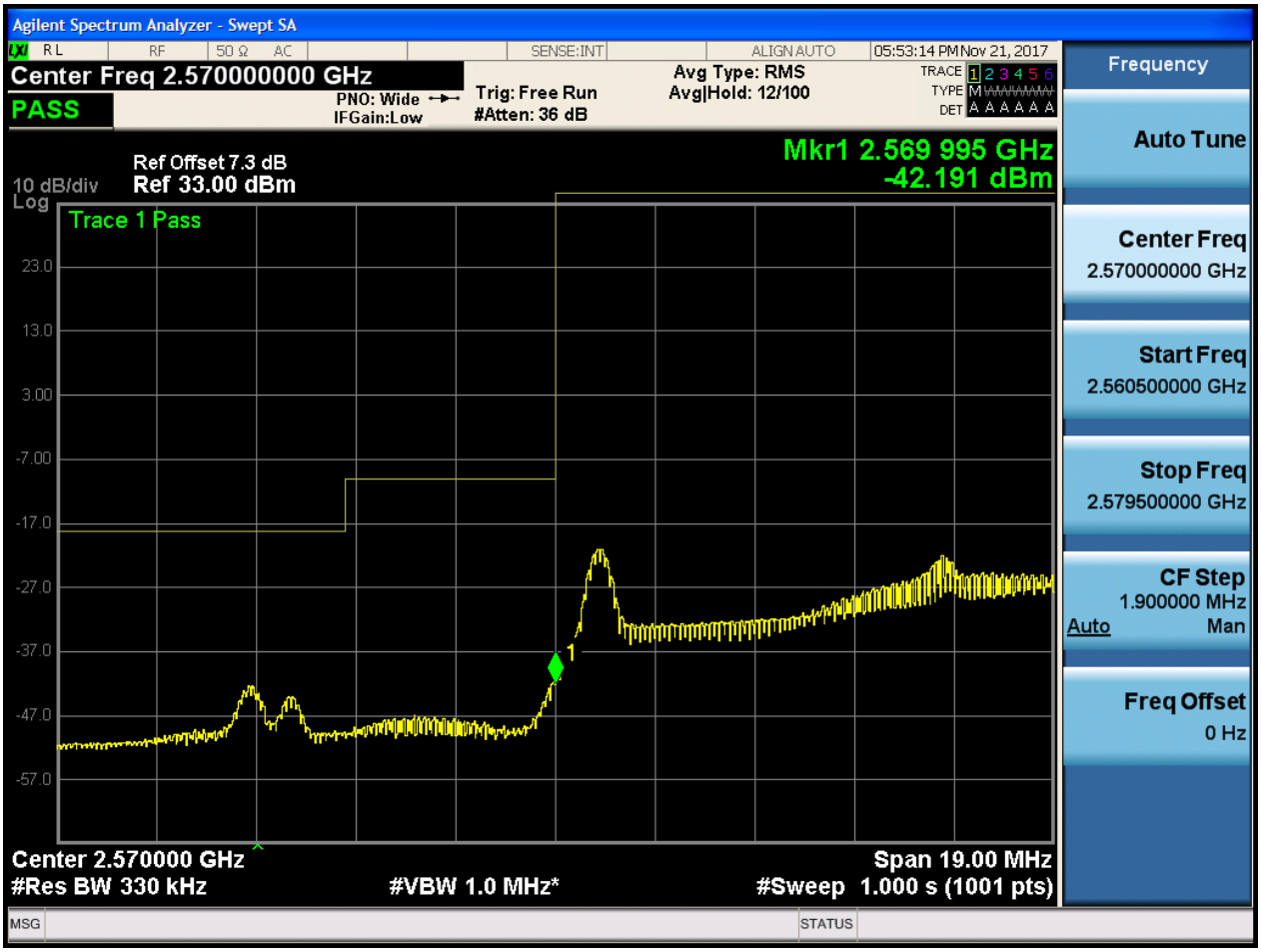
5.1.1.2.3 Test Bandwidth = 15

5.1.1.2.3.1 Test Channel = LCH

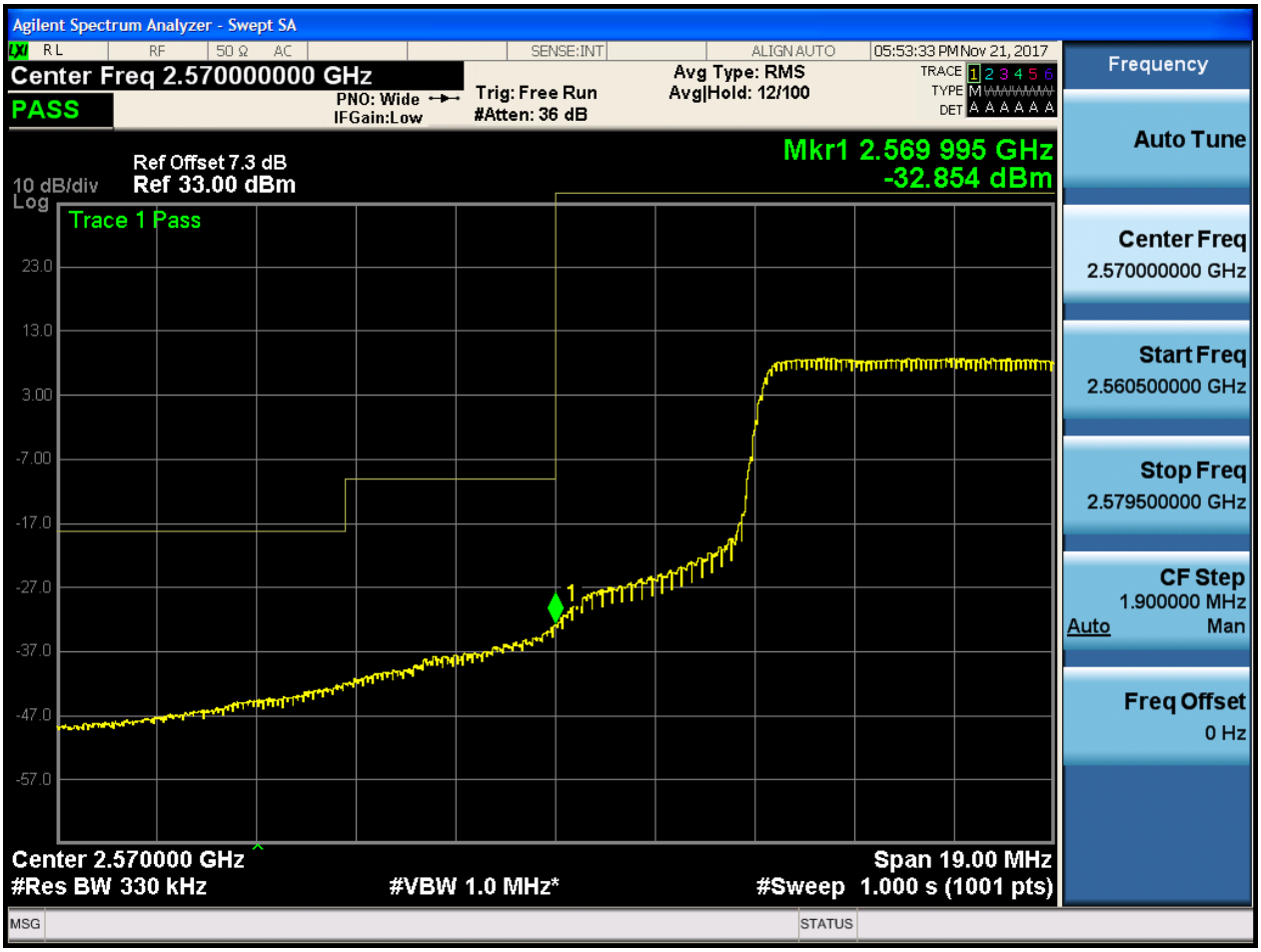
5.1.1.2.3.1.1 Test RB = RB1#0



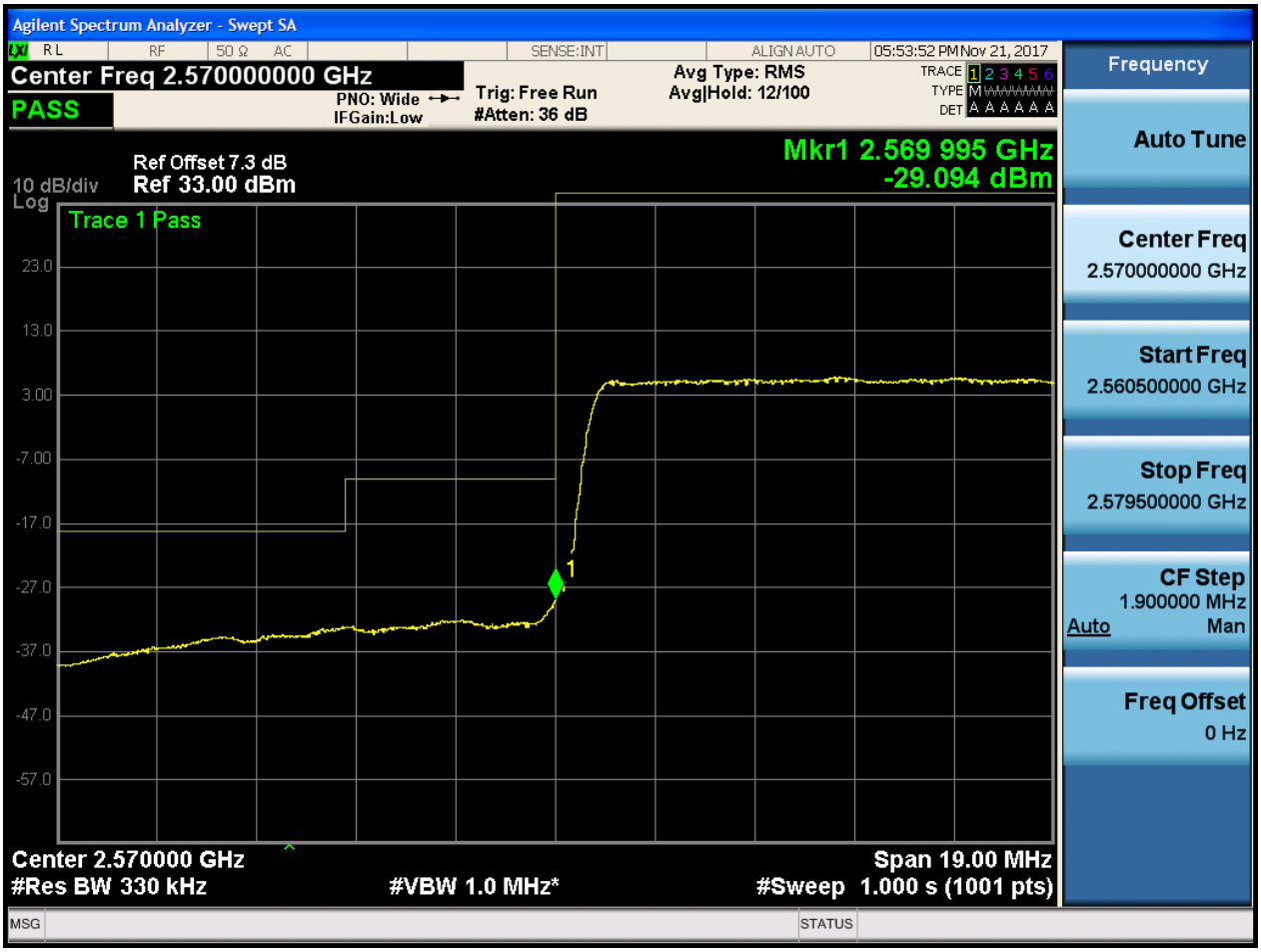
5.1.1.2.3.1.2 Test RB = RB1#74



5.1.1.2.3.1.3 Test RB = RB36#18

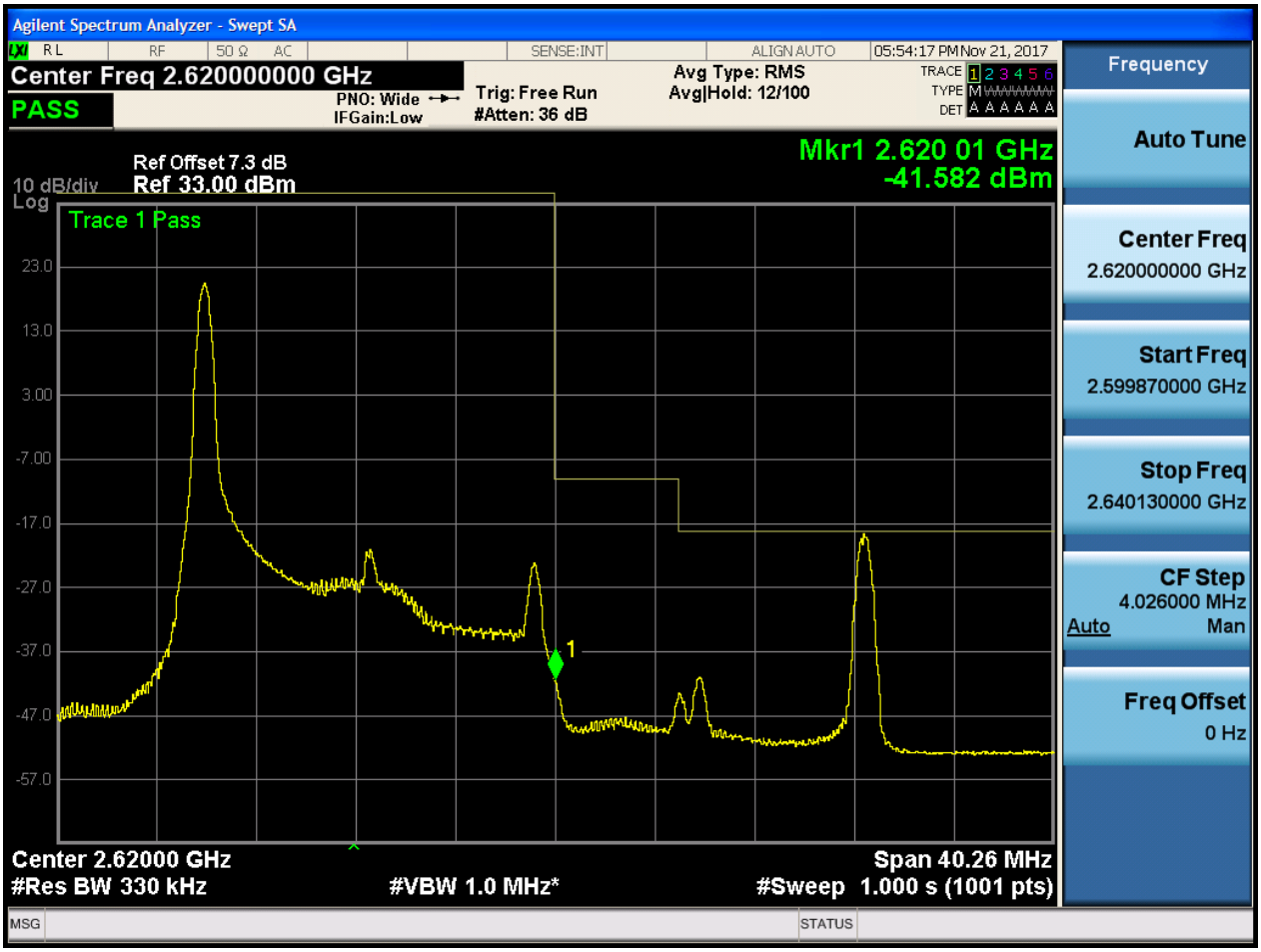


5.1.1.2.3.1.4 Test RB = RB75#0

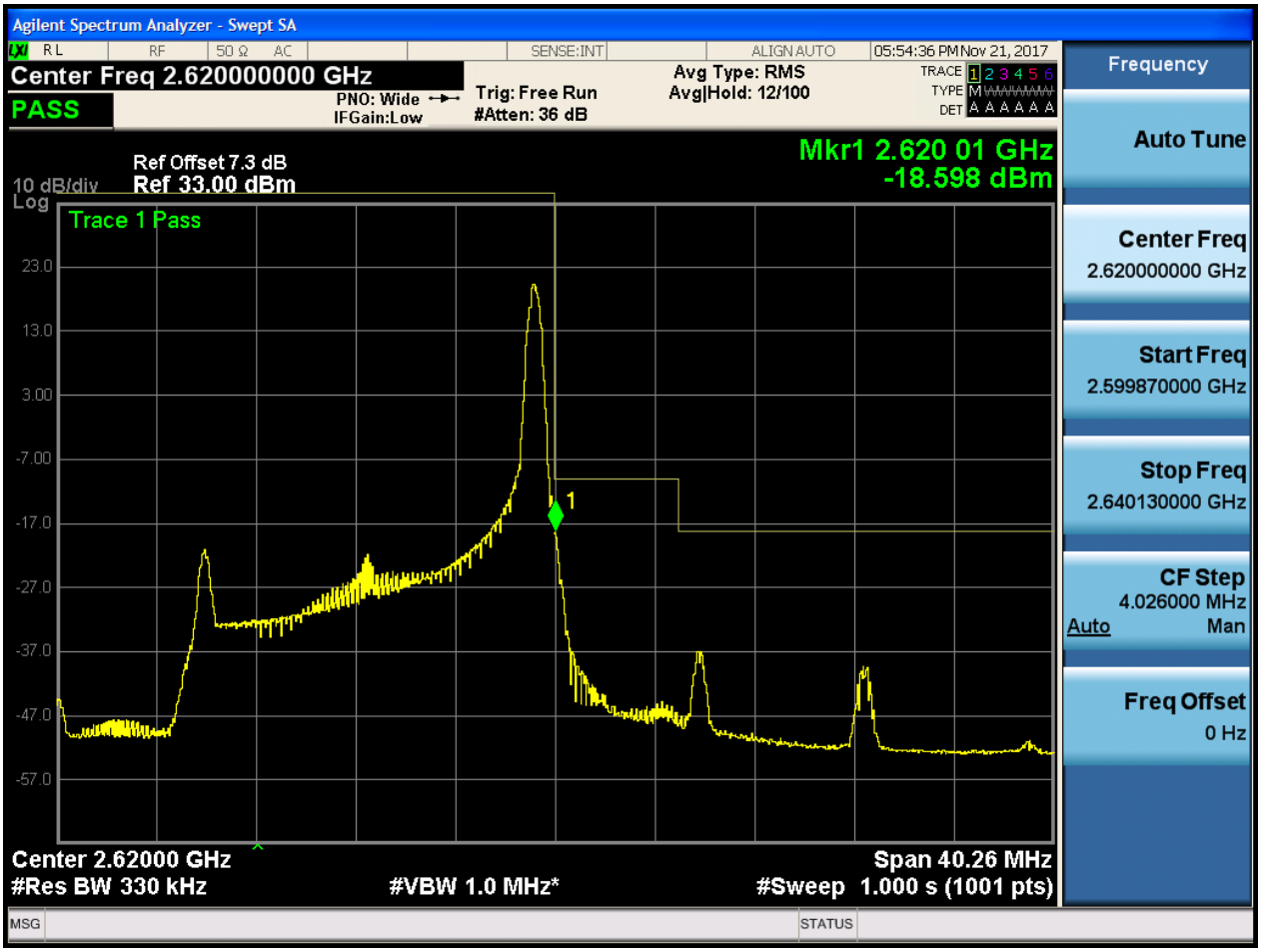


5.1.1.2.3.2 Test Channel = HCH

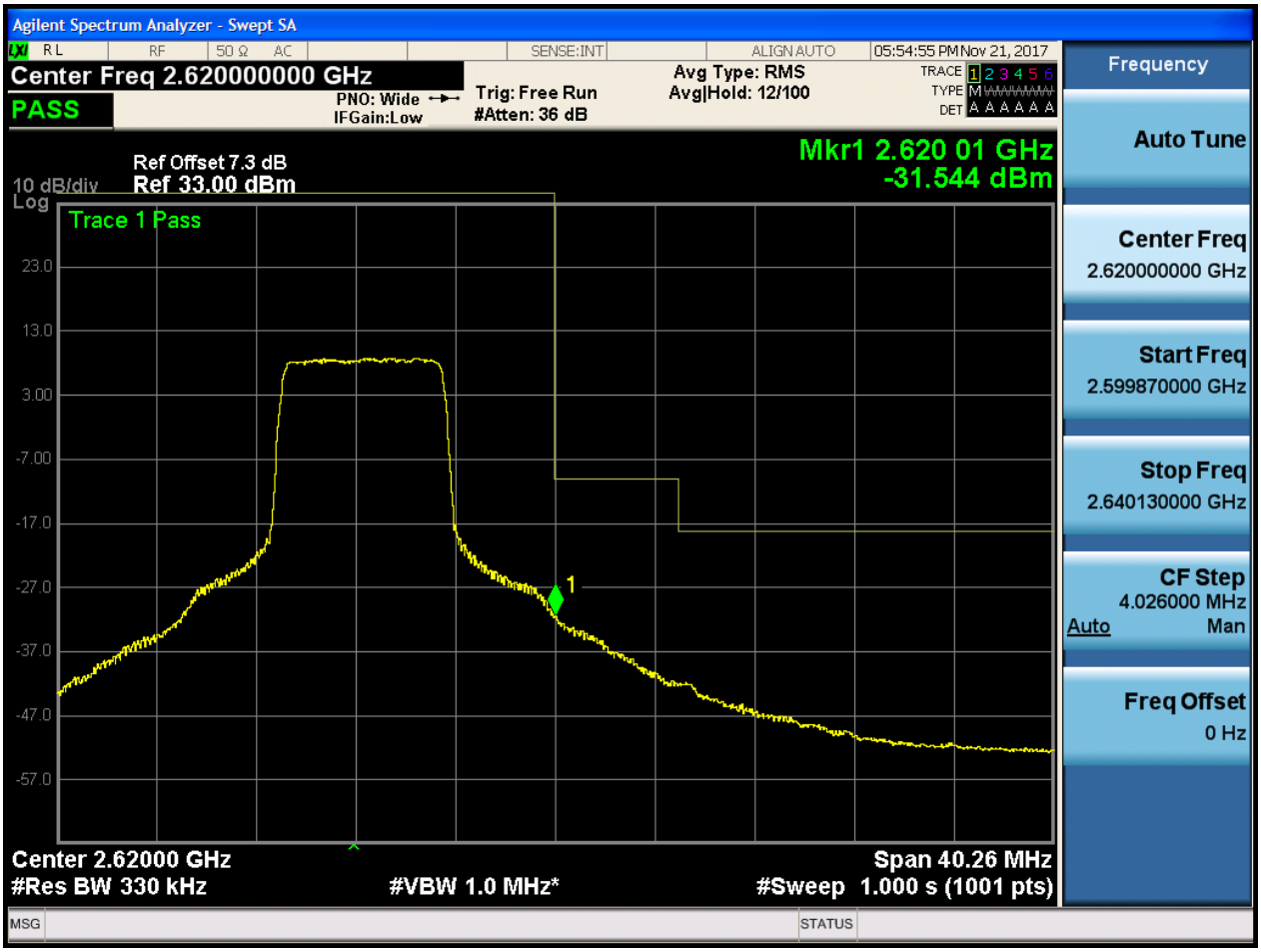
5.1.1.2.3.2.1 Test RB = RB1#0



5.1.1.2.3.2.2 Test RB = RB1#74



5.1.1.2.3.2.3 Test RB = RB36#18

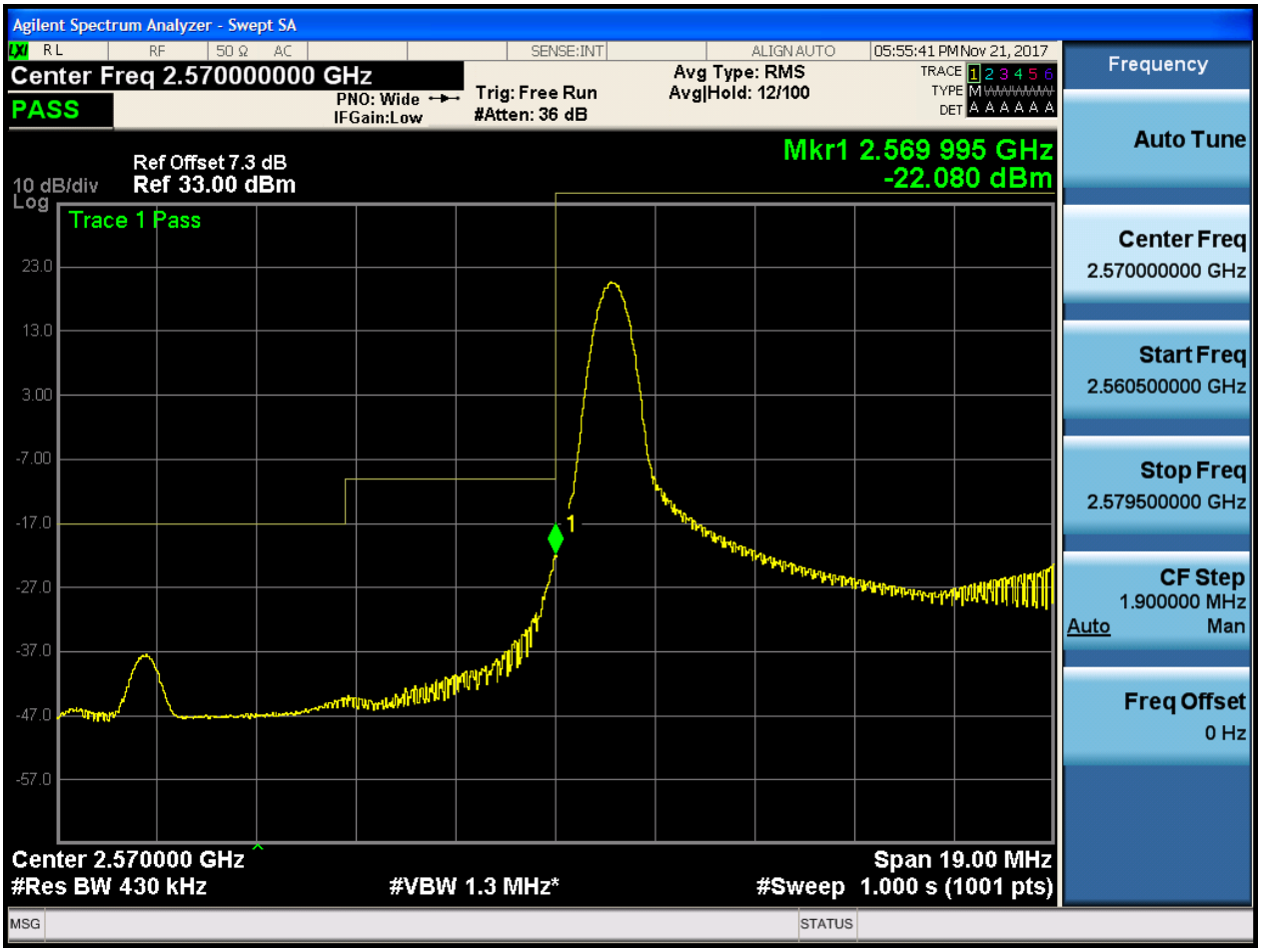


5.1.1.2.3.2.4 Test RB = RB75#0

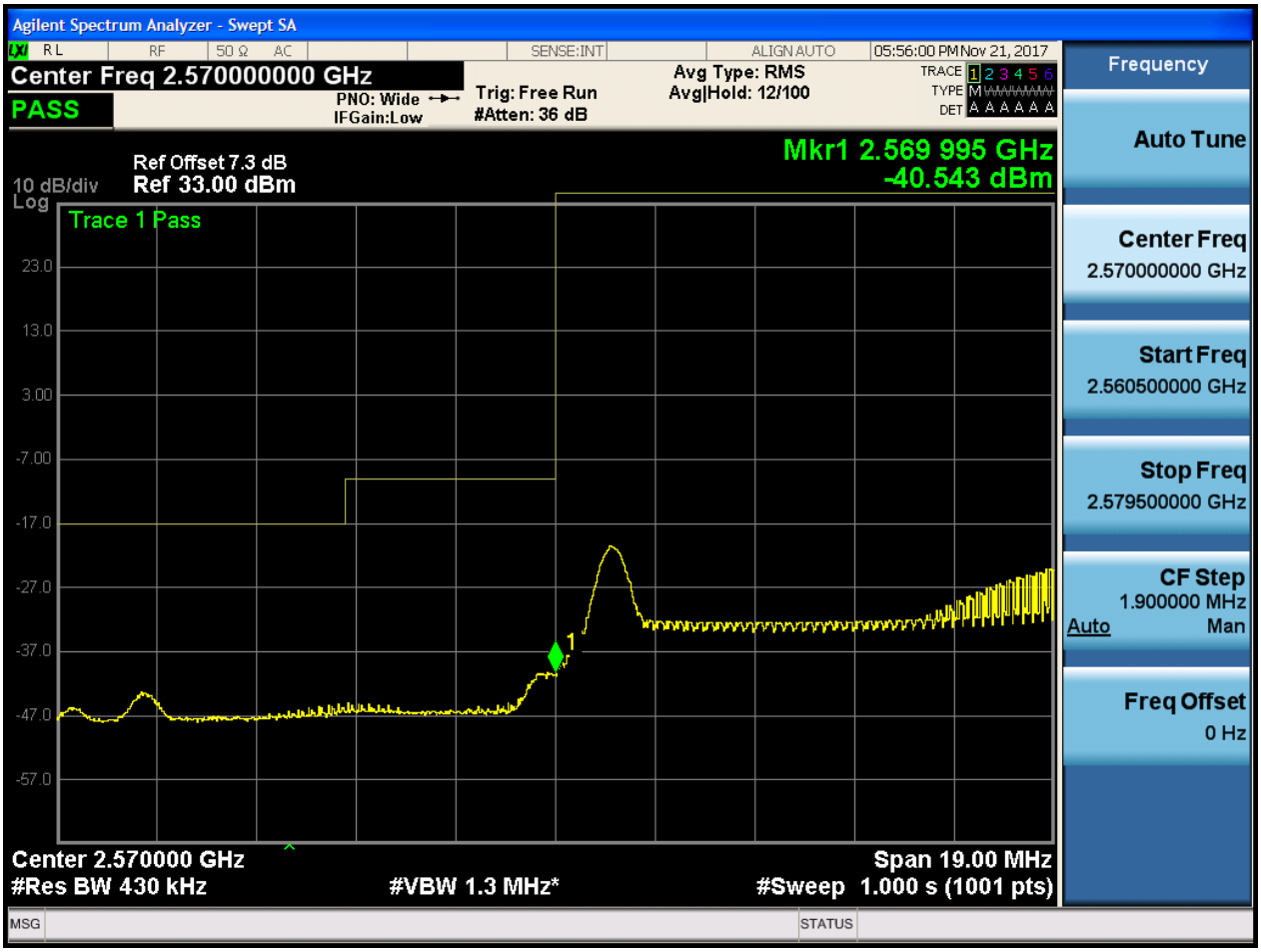
5.1.1.2.4 Test Bandwidth = 20

5.1.1.2.4.1 Test Channel = LCH

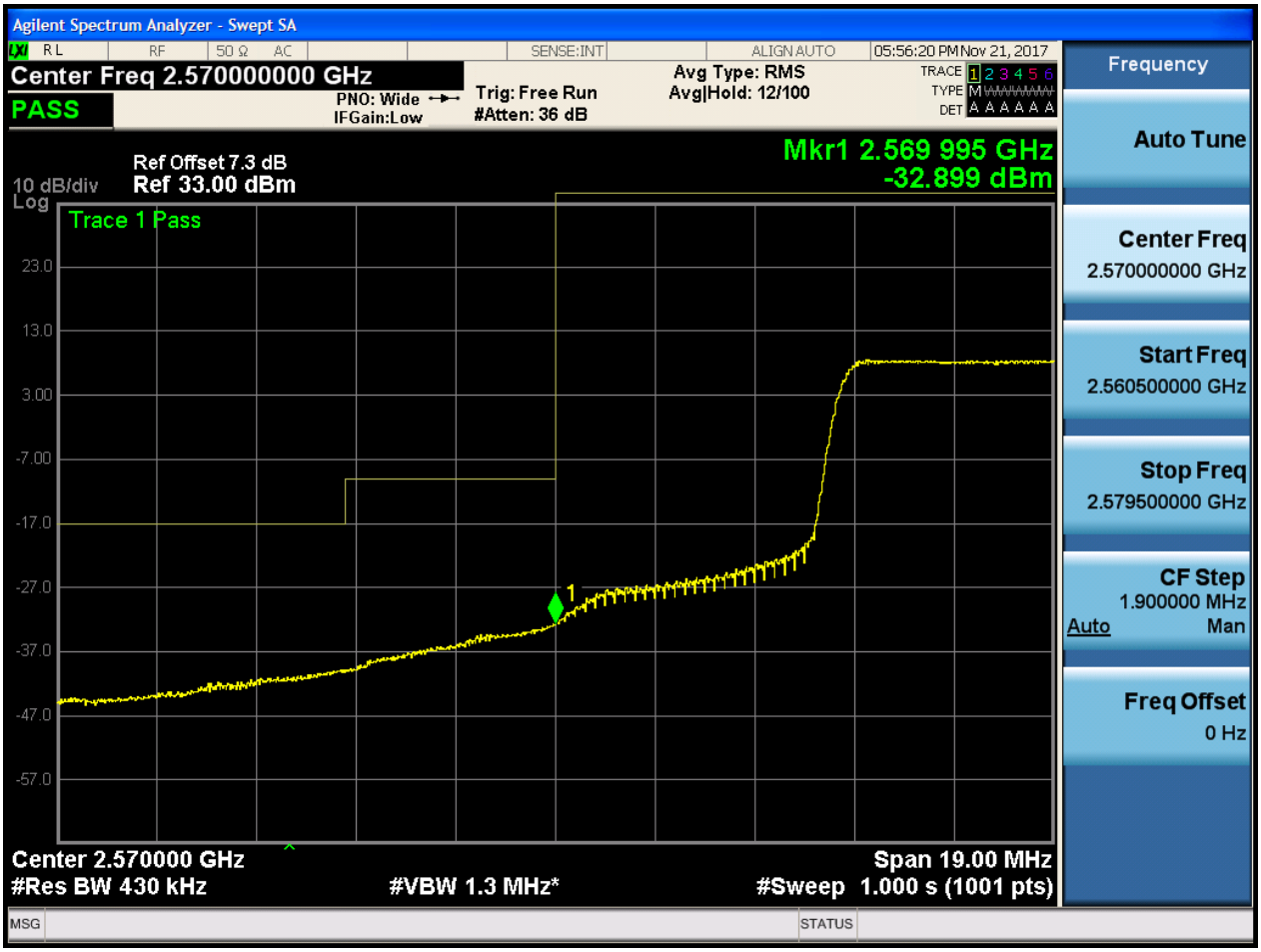
5.1.1.2.4.1.1 Test RB = RB1#0



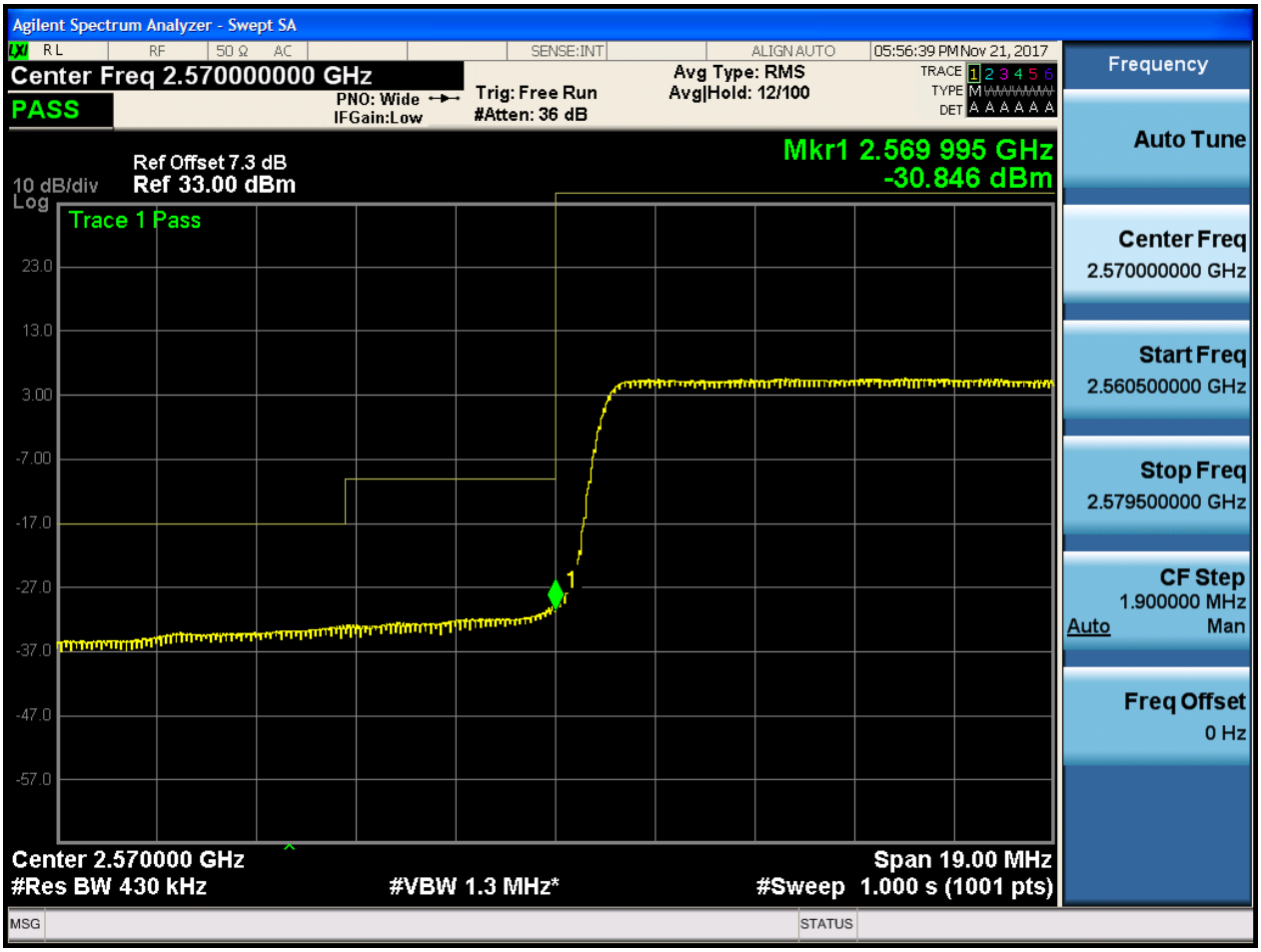
5.1.1.2.4.1.2 Test RB = RB1#99



5.1.1.2.4.1.3 Test RB = RB50#25

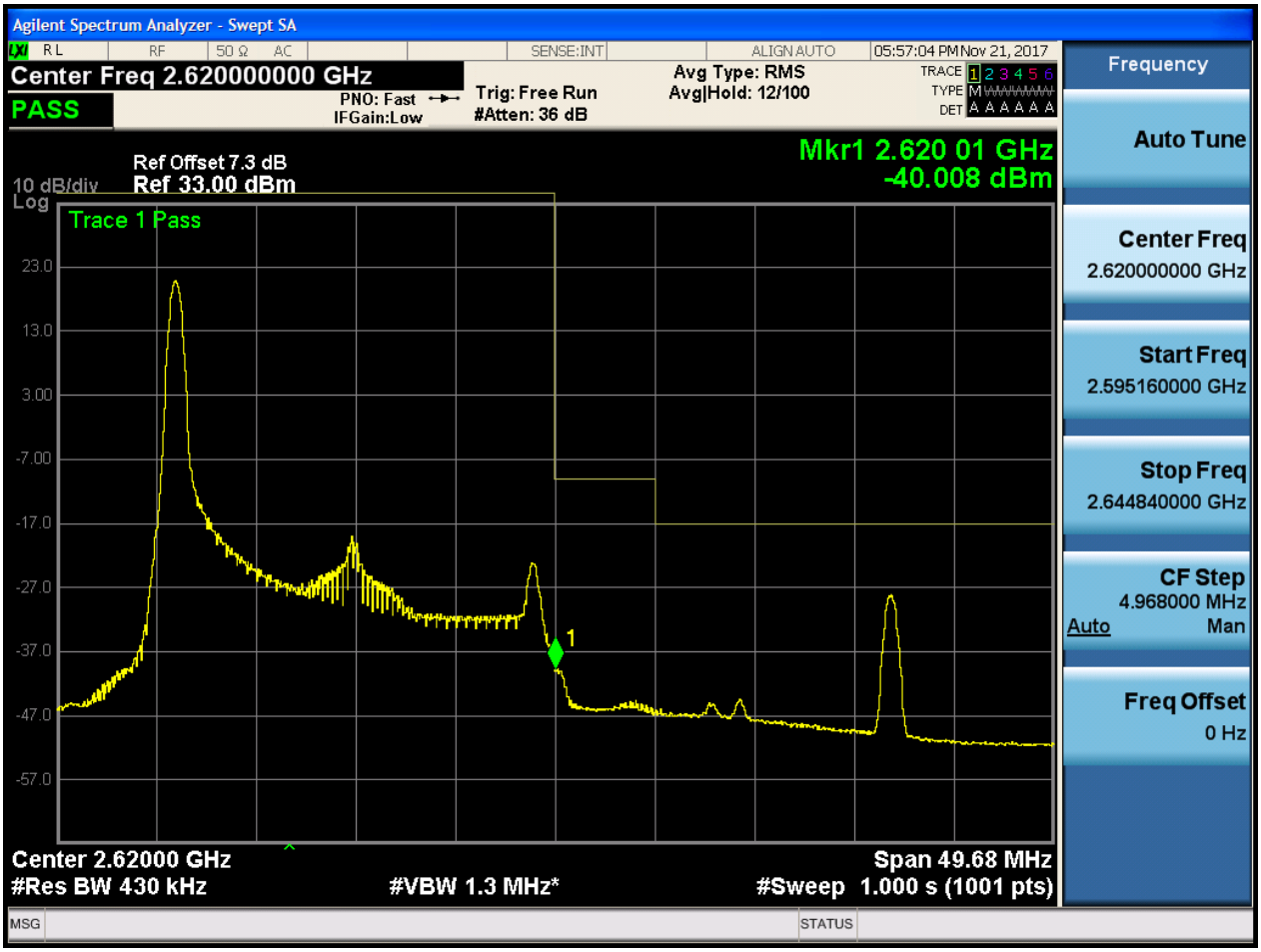


5.1.1.2.4.1.4 Test RB = RB100#0

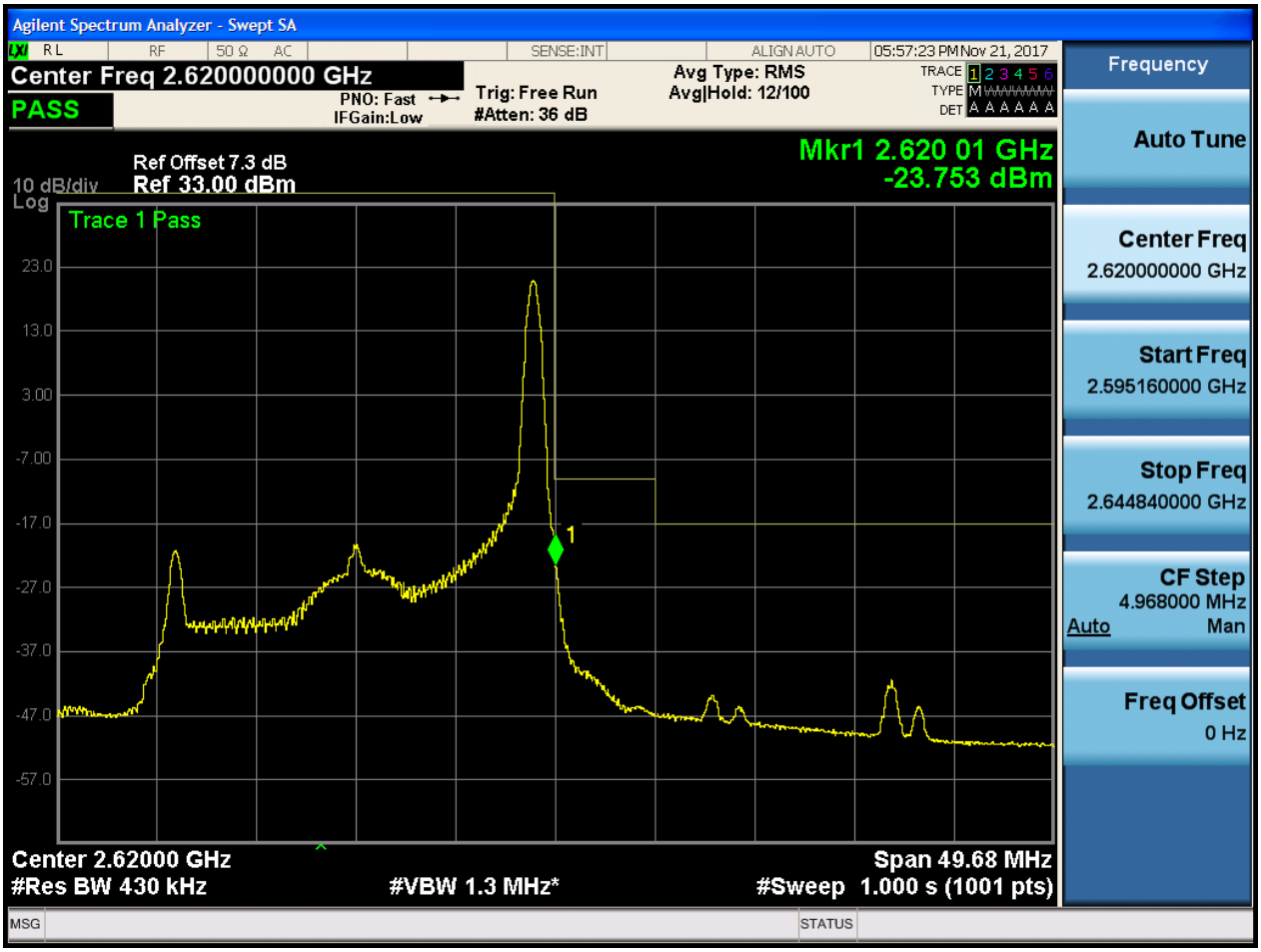


5.1.1.2.4.2 Test Channel = HCH

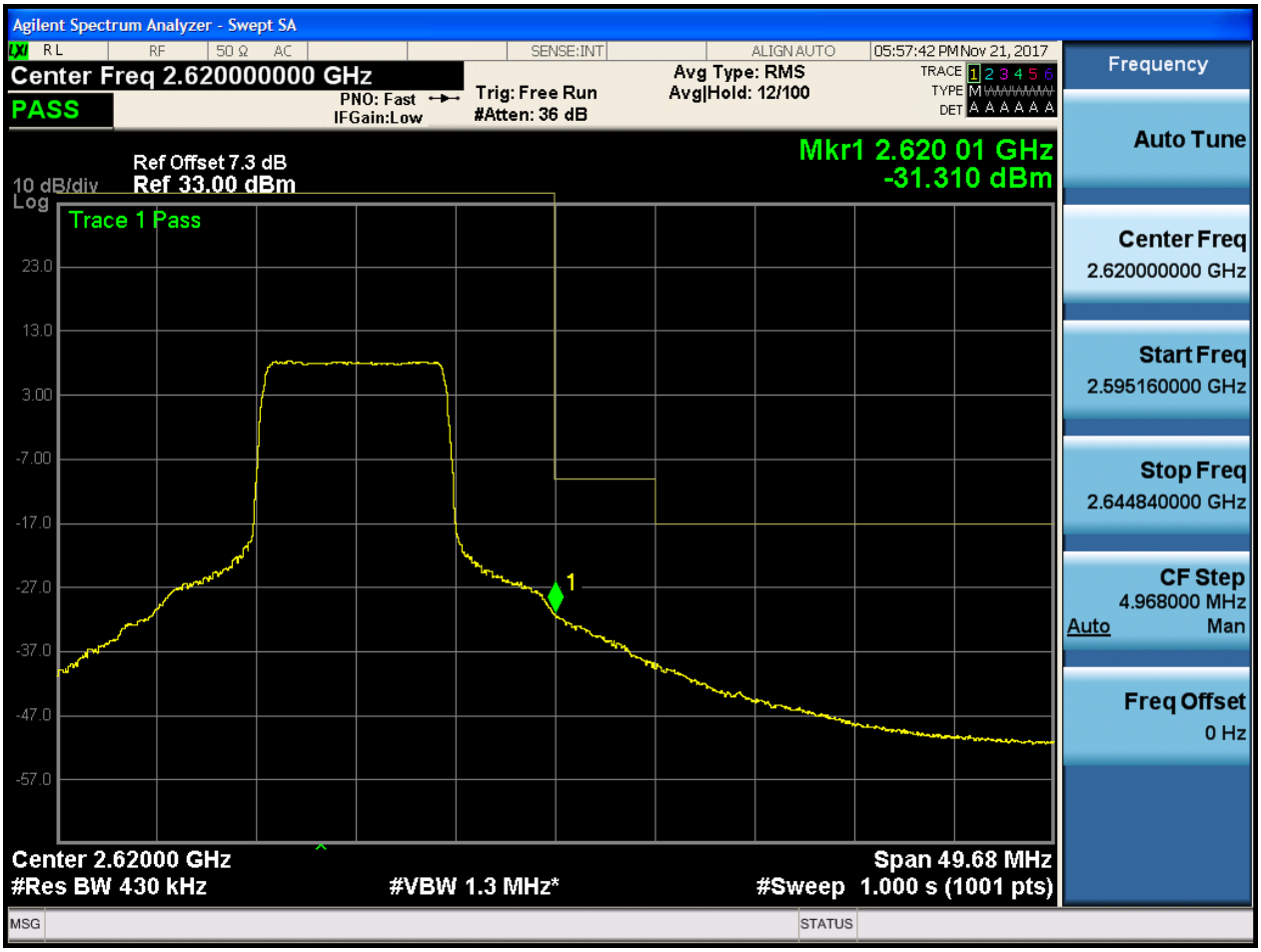
5.1.1.2.4.2.1 Test RB = RB1#0



5.1.1.2.4.2.2 Test RB = RB1#99



5.1.1.2.4.2.3 Test RB = RB50#25



5.1.1.2.4.2.4 Test RB = RB100#0

4Appendix_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

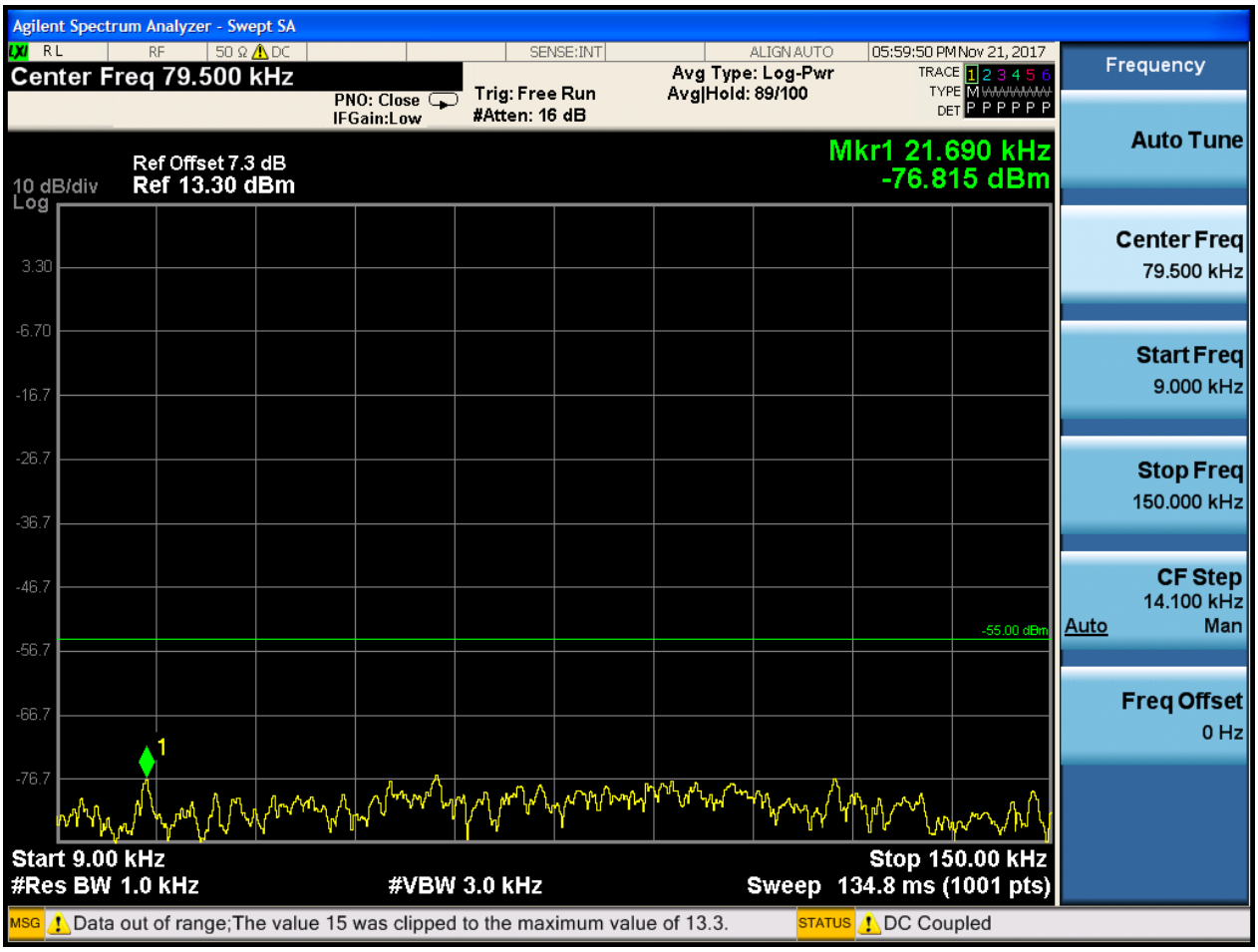
6.1.1 Test Band = BAND38

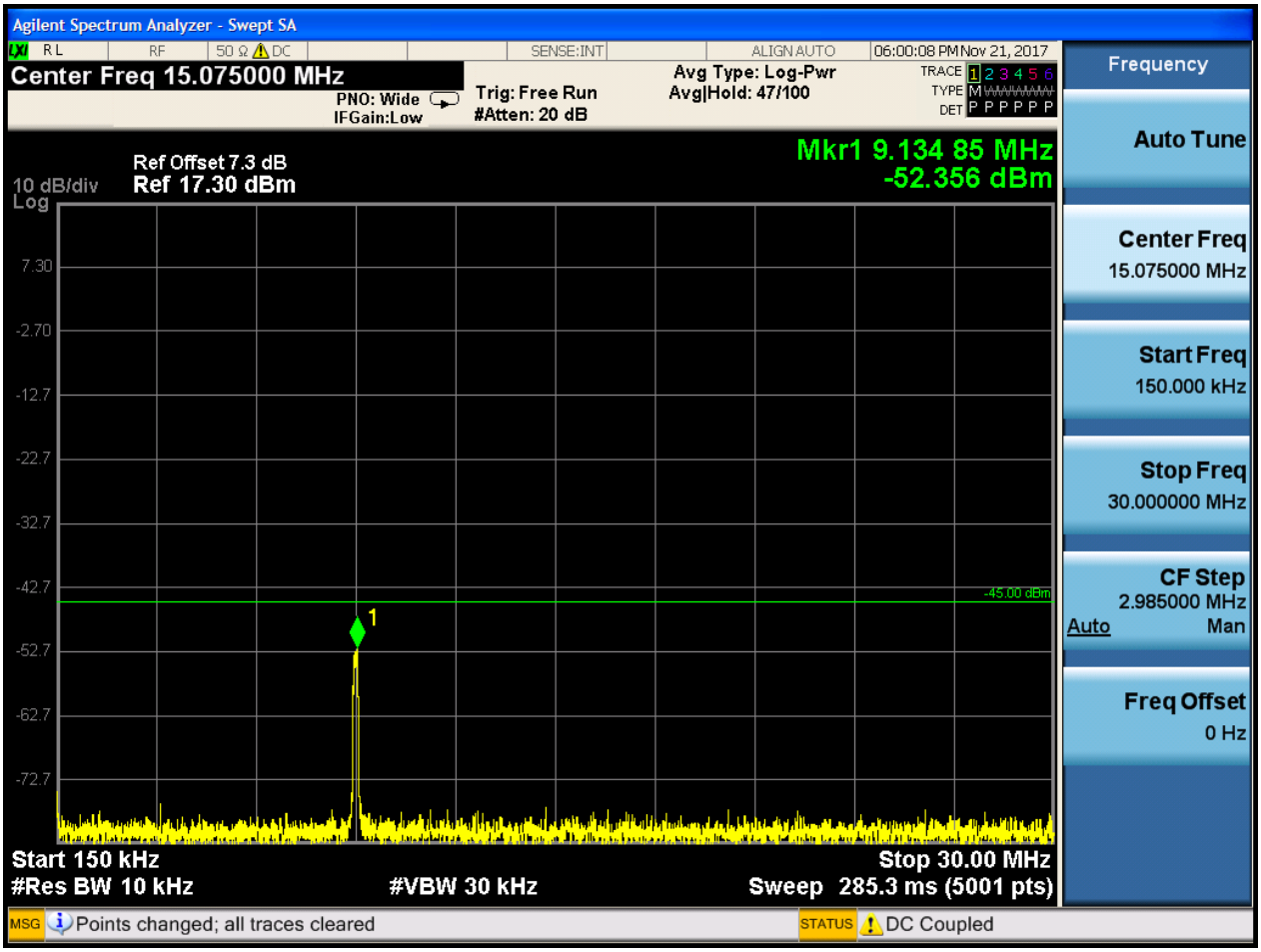
6.1.1.1 Test Mode = LTE/TM1

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





6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0