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	22.83	18.35	38.5	PASS
				RB1#3	22.6	18.12	38.5	PASS
				RB1#5	22.85	18.37	38.5	PASS
				RB3#0	22.69	18.21	38.5	PASS
				RB3#2	22.79	18.31	38.5	PASS
				RB3#3	22.79	18.31	38.5	PASS
				RB6#0	21.71	17.23	38.5	PASS
			MCH	RB1#0	22.72	18.24	38.5	PASS
				RB1#3	22.46	17.98	38.5	PASS
				RB1#5	22.72	18.24	38.5	PASS
				RB3#0	22.56	18.08	38.5	PASS
				RB3#2	22.58	18.1	38.5	PASS
				RB3#3	22.65	18.17	38.5	PASS
				RB6#0	21.77	17.29	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	22.7	18.22	38.5	PASS
				RB1#3	22.38	17.9	38.5	PASS
				RB1#5	22.7	18.22	38.5	PASS
				RB3#0	22.63	18.15	38.5	PASS
				RB3#2	22.53	18.05	38.5	PASS
				RB3#3	22.51	18.03	38.5	PASS
				RB6#0	21.63	17.15	38.5	PASS
		3	LCH	RB1#0	22.77	18.29	38.5	PASS
				RB1#7	22.35	17.87	38.5	PASS
				RB1#14	22.71	18.23	38.5	PASS
				RB8#0	21.79	17.31	38.5	PASS
				RB8#4	21.8	17.32	38.5	PASS
				RB8#7	21.72	17.24	38.5	PASS
				RB15#0	21.88	17.4	38.5	PASS
			MCH	RB1#0	22.83	18.35	38.5	PASS
				RB1#7	22.32	17.84	38.5	PASS
				RB1#14	22.77	18.29	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	21.7	17.22	38.5	PASS
				RB8#4	21.64	17.16	38.5	PASS
				RB8#7	21.7	17.22	38.5	PASS
				RB15#0	21.8	17.32	38.5	PASS
			HCH	RB1#0	22.62	18.14	38.5	PASS
				RB1#7	22.41	17.93	38.5	PASS
				RB1#14	22.65	18.17	38.5	PASS
				RB8#0	21.67	17.19	38.5	PASS
				RB8#4	21.56	17.08	38.5	PASS
				RB8#7	21.63	17.15	38.5	PASS
				RB15#0	21.76	17.28	38.5	PASS
		5	LCH	RB1#0	22.31	17.83	38.5	PASS
				RB1#13	22.31	17.83	38.5	PASS
				RB1#24	22.27	17.79	38.5	PASS
				RB12#0	21.32	16.84	38.5	PASS
				RB12#6	21.26	16.78	38.5	PASS
				RB12#13	21.4	16.92	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	21.21	16.73	38.5	PASS
			MCH	RB1#0	22.14	17.66	38.5	PASS
				RB1#13	22.2	17.72	38.5	PASS
				RB1#24	22.17	17.69	38.5	PASS
				RB12#0	21.17	16.69	38.5	PASS
				RB12#6	21.29	16.81	38.5	PASS
				RB12#13	21.28	16.8	38.5	PASS
				RB25#0	21.31	16.83	38.5	PASS
			HCH	RB1#0	22.3	17.82	38.5	PASS
				RB1#13	22.2	17.72	38.5	PASS
				RB1#24	22.2	17.72	38.5	PASS
				RB12#0	21.19	16.71	38.5	PASS
				RB12#6	21.18	16.7	38.5	PASS
				RB12#13	21.21	16.73	38.5	PASS
				RB25#0	21.26	16.78	38.5	PASS
		10	LCH	RB1#0	22.79	18.31	38.5	PASS
				RB1#25	22.43	17.95	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	22.7	18.22	38.5	PASS
				RB25#0	21.81	17.33	38.5	PASS
				RB25#13	21.71	17.23	38.5	PASS
				RB25#25	21.8	17.32	38.5	PASS
				RB50#0	21.68	17.2	38.5	PASS
			MCH	RB1#0	22.74	18.26	38.5	PASS
				RB1#25	22.68	18.2	38.5	PASS
				RB1#49	22.62	18.14	38.5	PASS
				RB25#0	21.67	17.19	38.5	PASS
				RB25#13	21.7	17.22	38.5	PASS
				RB25#25	21.8	17.32	38.5	PASS
				RB50#0	21.67	17.19	38.5	PASS
			HCH	RB1#0	22.73	18.25	38.5	PASS
				RB1#25	22.25	17.77	38.5	PASS
				RB1#49	22.61	18.13	38.5	PASS
				RB25#0	21.75	17.27	38.5	PASS
				RB25#13	21.78	17.3	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	21.71	17.23	38.5	PASS
				RB50#0	21.68	17.2	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.83	17.35	38.5	PASS
				RB1#3	21.82	17.34	38.5	PASS
				RB1#5	21.82	17.34	38.5	PASS
				RB3#0	21.77	17.29	38.5	PASS
				RB3#2	21.66	17.18	38.5	PASS
				RB3#3	21.73	17.25	38.5	PASS
				RB6#0	20.75	16.27	38.5	PASS
			MCH	RB1#0	21.87	17.39	38.5	PASS
				RB1#3	21.74	17.26	38.5	PASS
				RB1#5	21.88	17.4	38.5	PASS
				RB3#0	21.57	17.09	38.5	PASS
				RB3#2	21.52	17.04	38.5	PASS
				RB3#3	21.5	17.02	38.5	PASS
				RB6#0	20.75	16.27	38.5	PASS
			HCH	RB1#0	21.95	17.47	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#3	21.77	17.29	38.5	PASS
				RB1#5	21.94	17.46	38.5	PASS
				RB3#0	21.72	17.24	38.5	PASS
				RB3#2	21.51	17.03	38.5	PASS
				RB3#3	21.75	17.27	38.5	PASS
				RB6#0	20.7	16.22	38.5	PASS
		3	LCH	RB1#0	21.76	17.28	38.5	PASS
				RB1#7	21.49	17.01	38.5	PASS
				RB1#14	21.72	17.24	38.5	PASS
				RB8#0	20.64	16.16	38.5	PASS
				RB8#4	20.67	16.19	38.5	PASS
				RB8#7	20.66	16.18	38.5	PASS
				RB15#0	20.7	16.22	38.5	PASS
			MCH	RB1#0	21.94	17.46	38.5	PASS
				RB1#7	21.48	17	38.5	PASS
				RB1#14	21.9	17.42	38.5	PASS
				RB8#0	20.54	16.06	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#4	20.61	16.13	38.5	PASS
				RB8#7	20.61	16.13	38.5	PASS
				RB15#0	20.8	16.32	38.5	PASS
			HCH	RB1#0	21.87	17.39	38.5	PASS
				RB1#7	21.14	16.66	38.5	PASS
				RB1#14	21.87	17.39	38.5	PASS
				RB8#0	20.61	16.13	38.5	PASS
				RB8#4	20.63	16.15	38.5	PASS
				RB8#7	20.58	16.1	38.5	PASS
				RB15#0	20.66	16.18	38.5	PASS
		5	LCH	RB1#0	21.44	16.96	38.5	PASS
				RB1#13	21.43	16.95	38.5	PASS
				RB1#24	21.53	17.05	38.5	PASS
				RB12#0	20.29	15.81	38.5	PASS
				RB12#6	20.15	15.67	38.5	PASS
				RB12#13	20.31	15.83	38.5	PASS
				RB25#0	20.1	15.62	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
			MCH	RB1#0	21.47	16.99	38.5	PASS
				RB1#13	21.37	16.89	38.5	PASS
				RB1#24	21.38	16.9	38.5	PASS
				RB12#0	20.14	15.66	38.5	PASS
				RB12#6	20.13	15.65	38.5	PASS
				RB12#13	20.22	15.74	38.5	PASS
				RB25#0	20.23	15.75	38.5	PASS
			HCH	RB1#0	21.53	17.05	38.5	PASS
				RB1#13	21.57	17.09	38.5	PASS
				RB1#24	21.51	17.03	38.5	PASS
				RB12#0	20.12	15.64	38.5	PASS
				RB12#6	20.11	15.63	38.5	PASS
				RB12#13	20.25	15.77	38.5	PASS
				RB25#0	20.17	15.69	38.5	PASS
		10	LCH	RB1#0	21.88	17.4	38.5	PASS
				RB1#25	21.31	16.83	38.5	PASS
				RB1#49	21.87	17.39	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	20.7	16.22	38.5	PASS
				RB25#13	20.75	16.27	38.5	PASS
				RB25#25	20.82	16.34	38.5	PASS
				RB50#0	20.8	16.32	38.5	PASS
			MCH	RB1#0	21.76	17.28	38.5	PASS
				RB1#25	21.46	16.98	38.5	PASS
				RB1#49	21.74	17.26	38.5	PASS
				RB25#0	20.69	16.21	38.5	PASS
				RB25#13	20.71	16.23	38.5	PASS
				RB25#25	20.75	16.27	38.5	PASS
				RB50#0	20.71	16.23	38.5	PASS
			HCH	RB1#0	21.95	17.47	38.5	PASS
				RB1#25	21.76	17.28	38.5	PASS
				RB1#49	21.79	17.31	38.5	PASS
				RB25#0	20.65	16.17	38.5	PASS
				RB25#13	20.58	16.1	38.5	PASS
				RB25#25	20.68	16.2	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
				RB50#0	20.53	16.05	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	4.54	13	PASS
				RB1#3	4.48	13	PASS
				RB1#5	4.43	13	PASS
				RB3#0	5	13	PASS
				RB3#2	5	13	PASS
				RB3#3	5.06	13	PASS
				RB6#0	6.01	13	PASS
			MCH	RB1#0	4.7	13	PASS
				RB1#3	4.92	13	PASS
				RB1#5	4.75	13	PASS
				RB3#0	5.43	13	PASS
				RB3#2	5.36	13	PASS
				RB3#3	5.43	13	PASS
				RB6#0	5.98	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#3	4.46	13	PASS
				RB1#5	4.22	13	PASS
				RB3#0	5.01	13	PASS
				RB3#2	4.99	13	PASS
				RB3#3	4.77	13	PASS
				RB6#0	5.78	13	PASS
		3	LCH	RB1#0	4.47	13	PASS
				RB1#7	4.86	13	PASS
				RB1#14	4.42	13	PASS
				RB8#0	5.63	13	PASS
				RB8#4	5.6	13	PASS
				RB8#7	5.66	13	PASS
				RB15#0	5.78	13	PASS
			MCH	RB1#0	4.67	13	PASS
				RB1#7	4.79	13	PASS
				RB1#14	4.63	13	PASS
				RB8#0	5.61	13	PASS
				RB8#4	5.59	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#7	5.58	13	PASS
				RB15#0	6.11	13	PASS
			HCH	RB1#0	4.31	13	PASS
				RB1#7	4.92	13	PASS
				RB1#14	4.41	13	PASS
				RB8#0	5.7	13	PASS
				RB8#4	5.62	13	PASS
				RB8#7	5.52	13	PASS
				RB15#0	5.96	13	PASS
		5	LCH	RB1#0	4.7	13	PASS
				RB1#13	4.56	13	PASS
				RB1#24	4.81	13	PASS
				RB12#0	5.78	13	PASS
				RB12#6	5.87	13	PASS
				RB12#13	5.85	13	PASS
				RB25#0	5.94	13	PASS
			MCH	RB1#0	4.96	13	PASS
				RB1#13	5.06	13	PASS
				RB1#24	5.01	13	PASS
				RB12#0	6.06	13	PASS
				RB12#6	6.11	13	PASS
				RB12#13	6.14	13	PASS
				RB25#0	6.14	13	PASS
			HCH	RB1#0	4.18	13	PASS
				RB1#13	4.68	13	PASS
				RB1#24	4.72	13	PASS
				RB12#0	5.43	13	PASS
				RB12#6	5.63	13	PASS
				RB12#13	5.85	13	PASS
				RB25#0	5.71	13	PASS
		10	LCH	RB1#0	4.34	13	PASS
				RB1#25	4.43	13	PASS
				RB1#49	4.71	13	PASS
				RB25#0	5.65	13	PASS
				RB25#13	5.8	13	PASS
				RB25#25	6.03	13	PASS
				RB50#0	5.94	13	PASS
			MCH	RB1#0	4.7	13	PASS
				RB1#25	4.81	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	4.19	13	PASS
				RB25#0	5.99	13	PASS
				RB25#13	6.03	13	PASS
				RB25#25	5.93	13	PASS
				RB50#0	6.28	13	PASS
			HCH	RB1#0	4.45	13	PASS
				RB1#25	3.64	13	PASS
				RB1#49	4.61	13	PASS
				RB25#0	5.14	13	PASS
				RB25#13	4.91	13	PASS
				RB25#25	5.41	13	PASS
				RB50#0	5.55	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.3	13	PASS
				RB1#3	5.43	13	PASS
				RB1#5	5.22	13	PASS
				RB3#0	5.91	13	PASS
				RB3#2	5.88	13	PASS
				RB3#3	5.81	13	PASS
				RB6#0	6.28	13	PASS
			MCH	RB1#0	5.94	13	PASS
				RB1#3	6.13	13	PASS
				RB1#5	5.96	13	PASS
				RB3#0	6.49	13	PASS
				RB3#2	6.53	13	PASS
				RB3#3	6.42	13	PASS
				RB6#0	7.06	13	PASS
			HCH	RB1#0	5.22	13	PASS
				RB1#3	5.49	13	PASS
				RB1#5	4.96	13	PASS
				RB3#0	5.75	13	PASS
				RB3#2	5.82	13	PASS
				RB3#3	5.54	13	PASS
				RB6#0	6.52	13	PASS
		3	LCH	RB1#0	5.26	13	PASS
				RB1#7	5.46	13	PASS
				RB1#14	5.27	13	PASS
				RB8#0	6.34	13	PASS
				RB8#4	6.34	13	PASS
				RB8#7	6.39	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB15#0	6.6	13	PASS
			MCH	RB1#0	5.89	13	PASS
				RB1#7	5.96	13	PASS
				RB1#14	5.94	13	PASS
				RB8#0	6.59	13	PASS
				RB8#4	6.58	13	PASS
				RB8#7	6.41	13	PASS
				RB15#0	6.48	13	PASS
			HCH	RB1#0	4.86	13	PASS
				RB1#7	5.33	13	PASS
				RB1#14	5.04	13	PASS
				RB8#0	6.27	13	PASS
				RB8#4	6.27	13	PASS
				RB8#7	6.32	13	PASS
				RB15#0	6.62	13	PASS
		5	LCH	RB1#0	5.67	13	PASS
				RB1#13	5.69	13	PASS
				RB1#24	5.69	13	PASS
				RB12#0	6.68	13	PASS
				RB12#6	6.68	13	PASS
				RB12#13	6.65	13	PASS
				RB25#0	6.87	13	PASS
			MCH	RB1#0	5.6	13	PASS
				RB1#13	5.7	13	PASS
				RB1#24	5.67	13	PASS
				RB12#0	6.78	13	PASS
				RB12#6	6.99	13	PASS
				RB12#13	6.88	13	PASS
				RB25#0	6.88	13	PASS
			HCH	RB1#0	4.68	13	PASS
				RB1#13	5.25	13	PASS
				RB1#24	5.4	13	PASS
				RB12#0	6.22	13	PASS
				RB12#6	6.29	13	PASS
				RB12#13	6.31	13	PASS
				RB25#0	6.63	13	PASS
		10	LCH	RB1#0	5.27	13	PASS
				RB1#25	5.44	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	6.46	13	PASS
				RB25#13	6.48	13	PASS
				RB25#25	6.64	13	PASS
				RB50#0	7.01	13	PASS
			MCH	RB1#0	5.34	13	PASS
				RB1#25	5.52	13	PASS
				RB1#49	5.02	13	PASS
				RB25#0	6.8	13	PASS
				RB25#13	6.99	13	PASS
				RB25#25	6.85	13	PASS
				RB50#0	7.13	13	PASS
			HCH	RB1#0	5.21	13	PASS
				RB1#25	4.74	13	PASS
				RB1#49	5.2	13	PASS
				RB25#0	6.19	13	PASS
				RB25#13	5.97	13	PASS
				RB25#25	6.27	13	PASS
				RB50#0	6.6	13	PASS

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3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

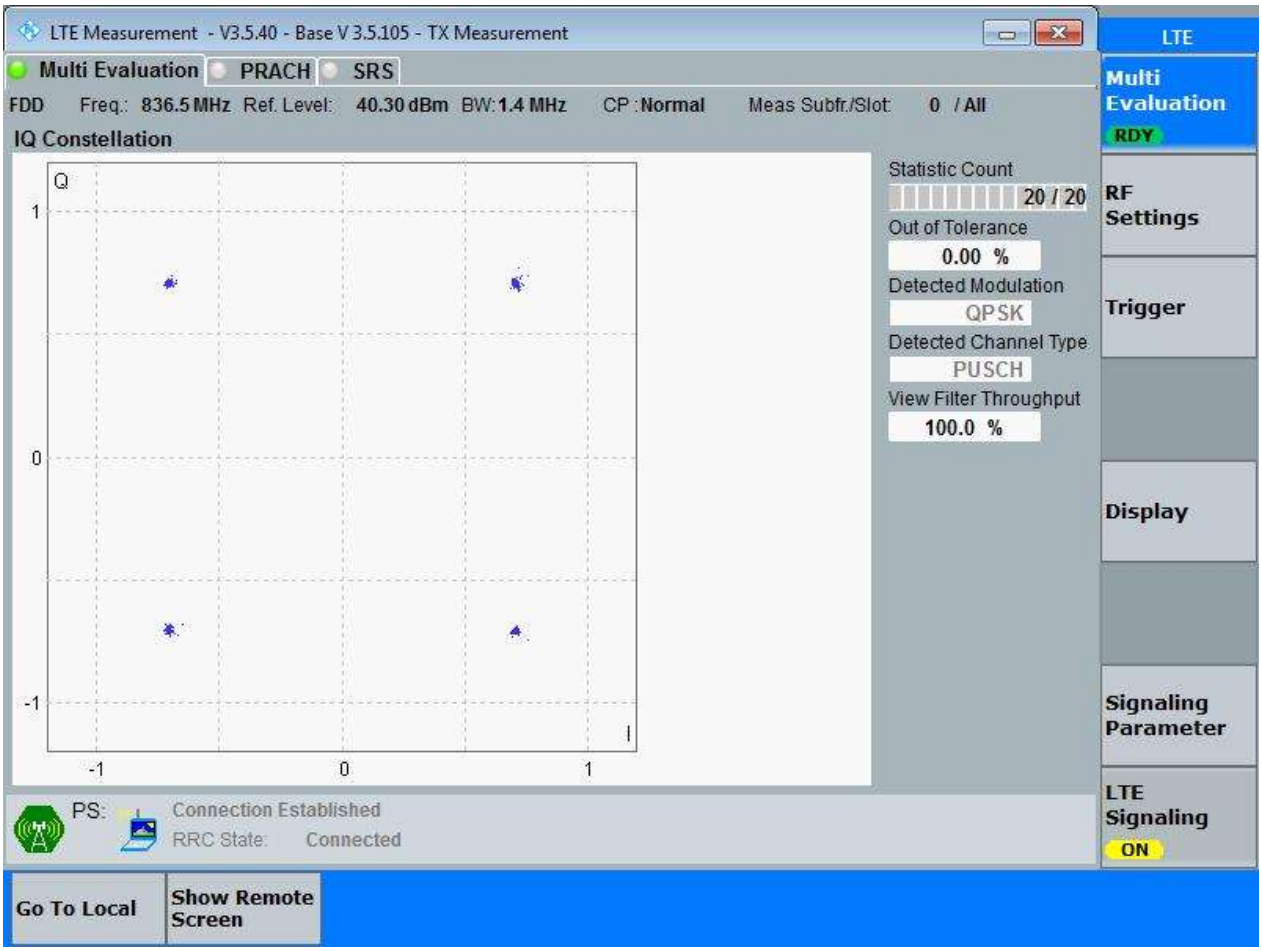
3.1.1 Test Band = BAND5

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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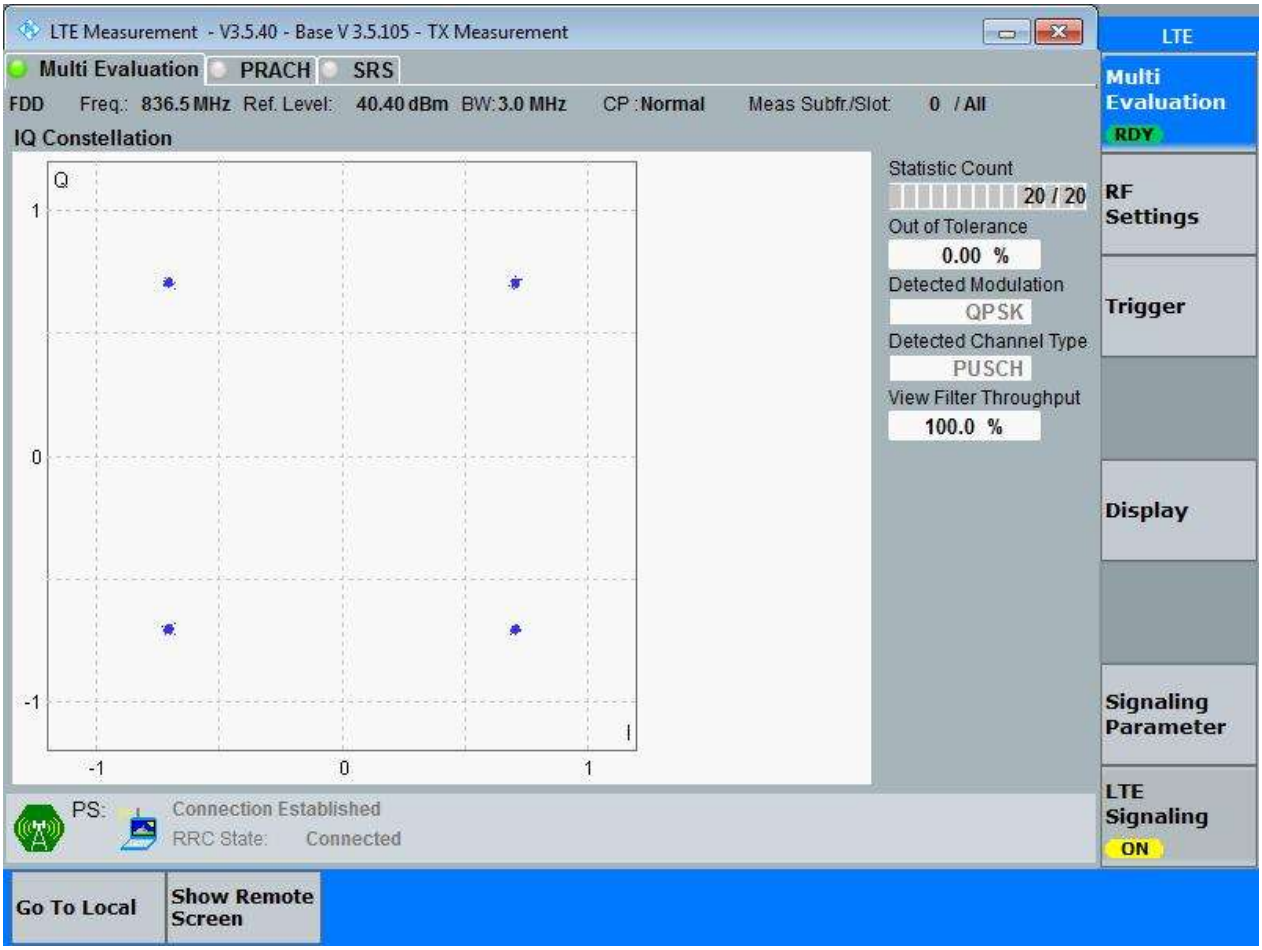
3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB15#0



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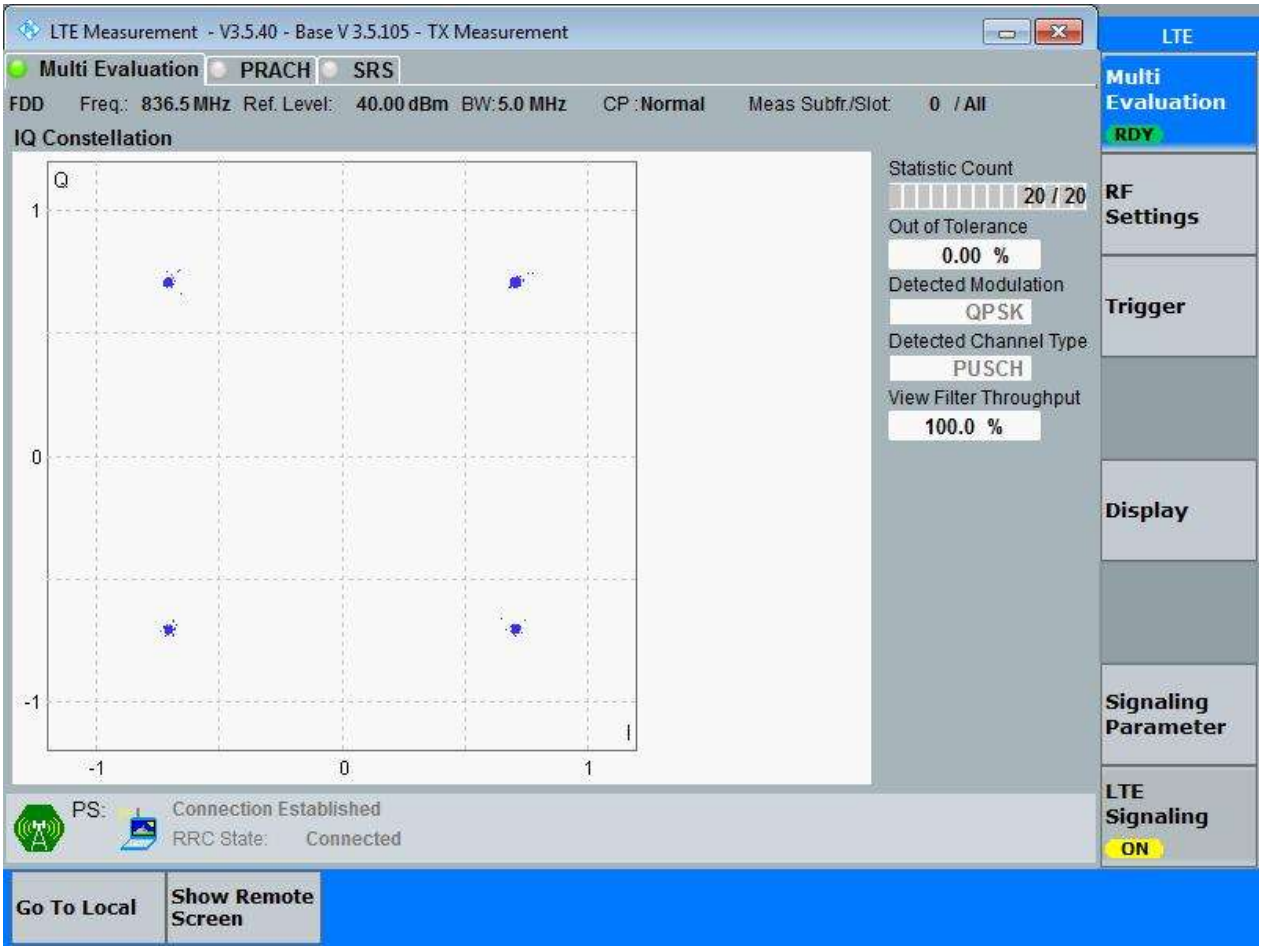
3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB25#0



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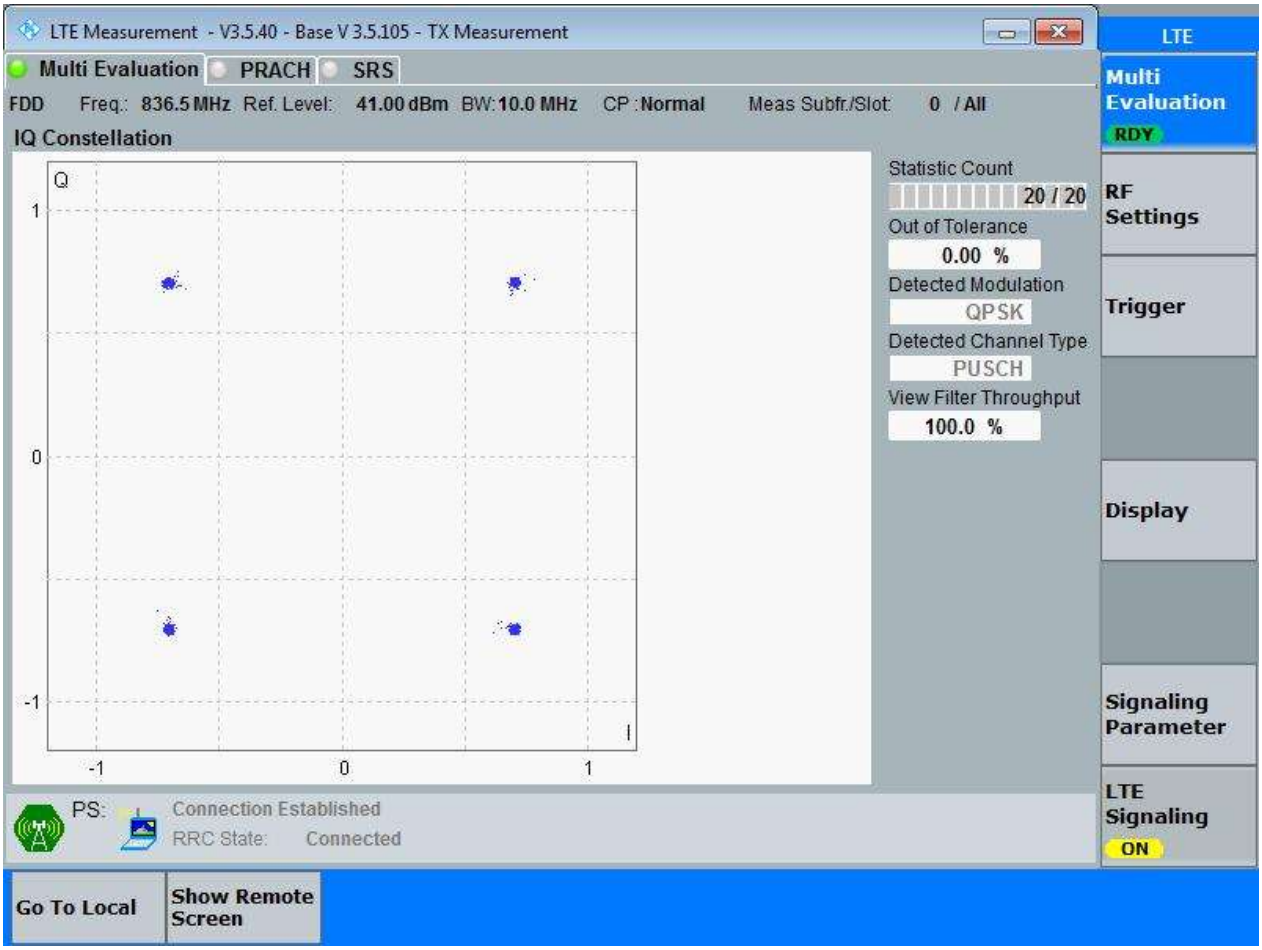
3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0



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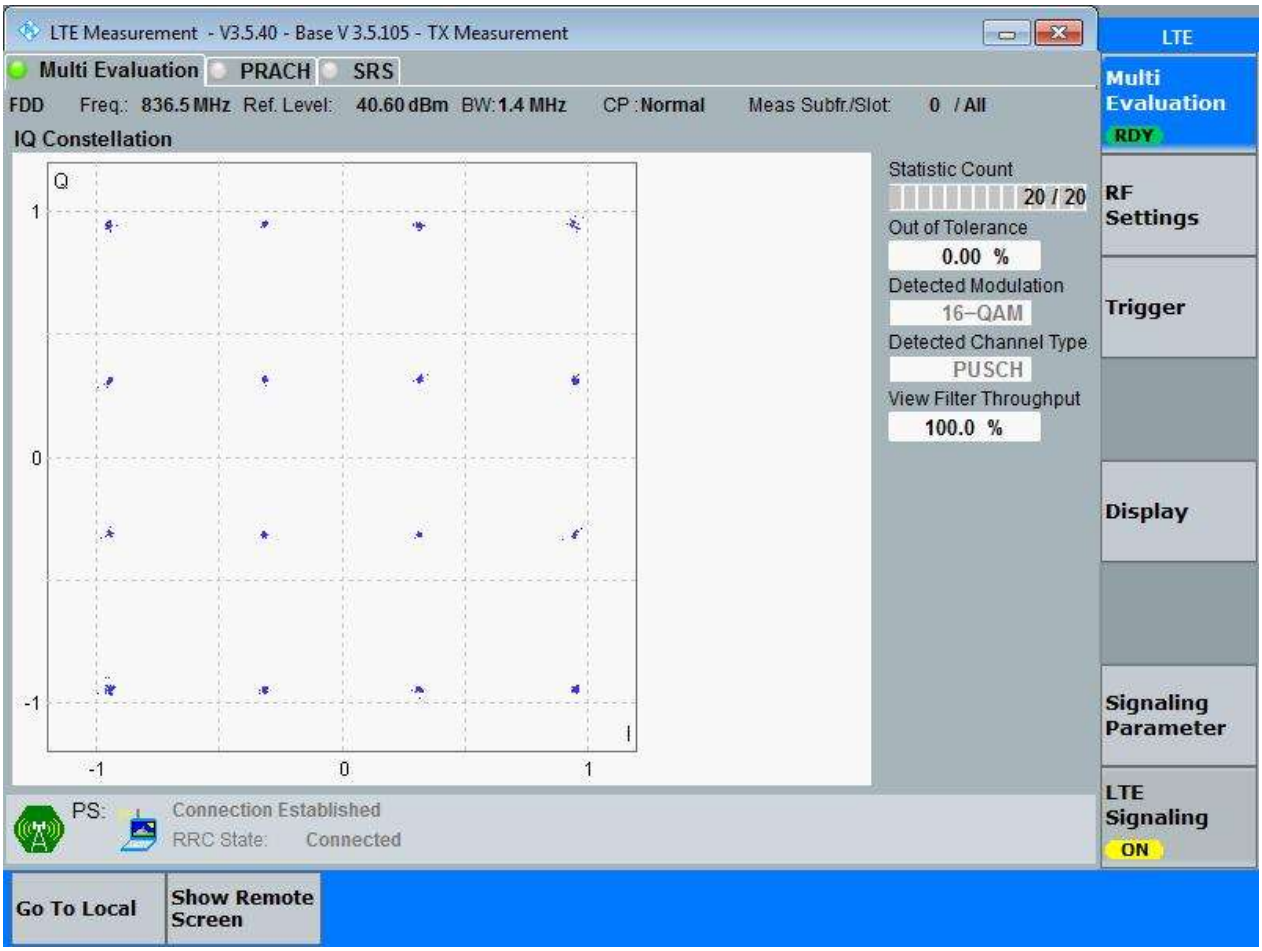
3.1.1.2 Test Mode = LTE/TM2

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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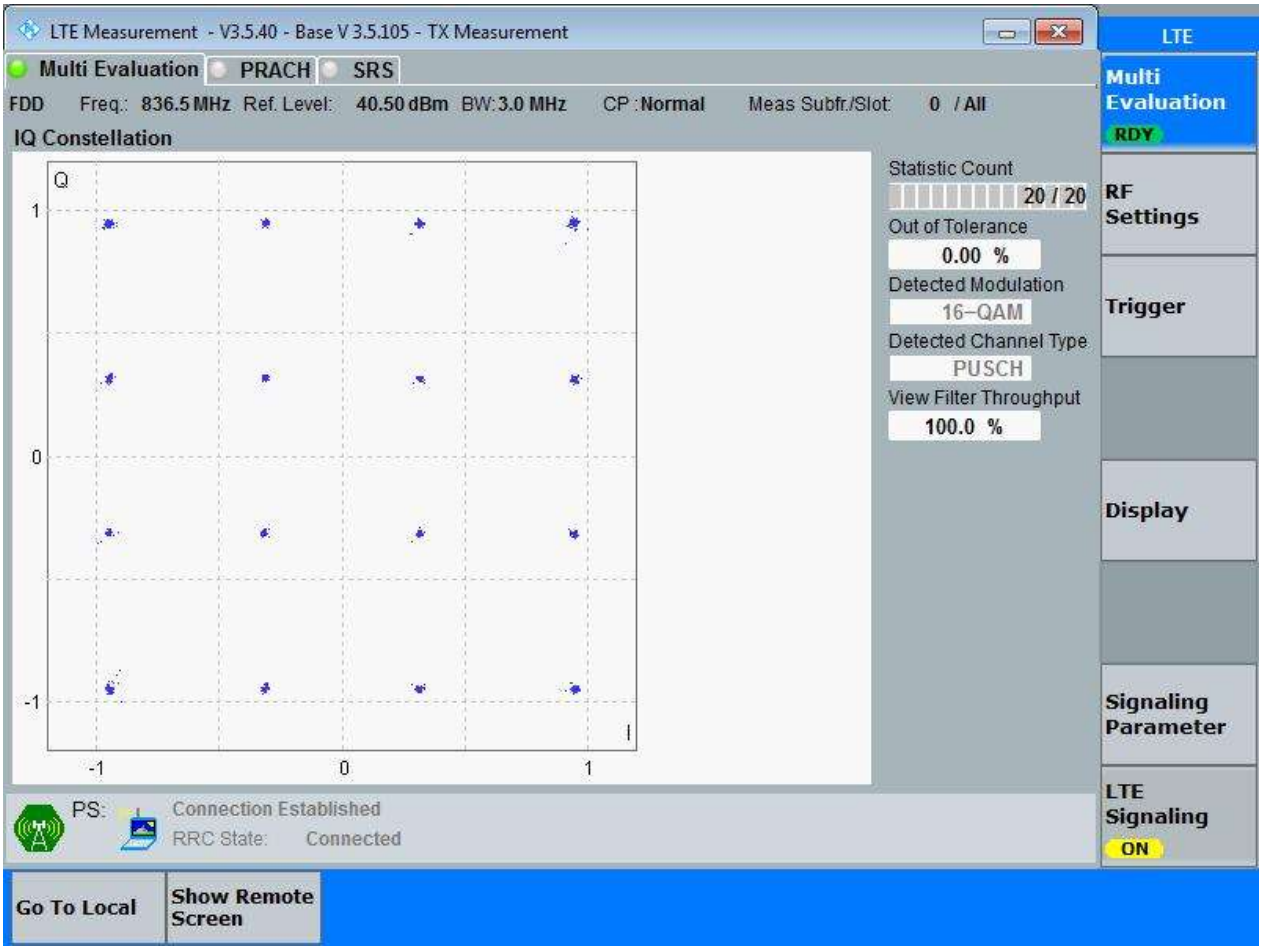
3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0



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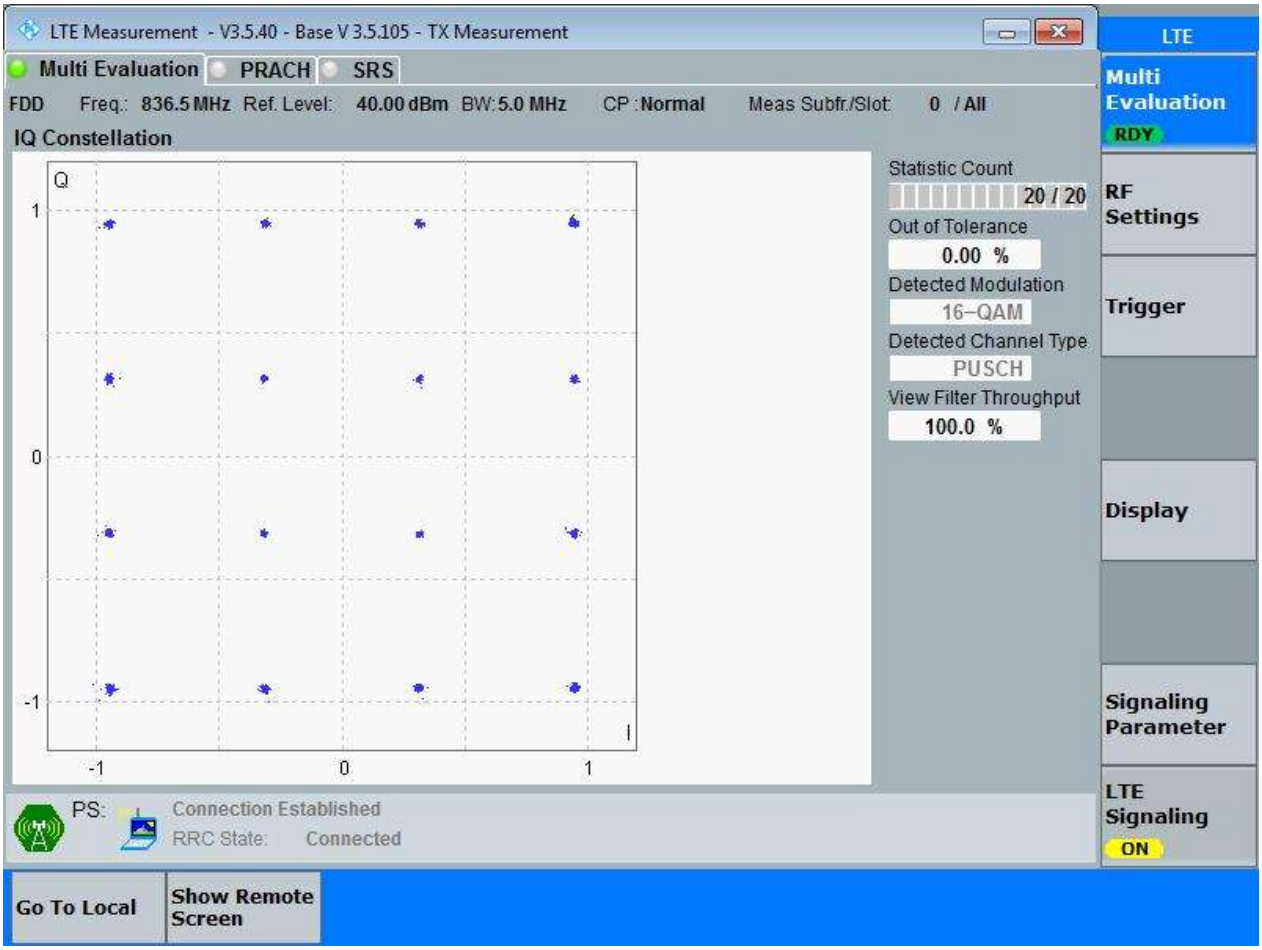
3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB25#0



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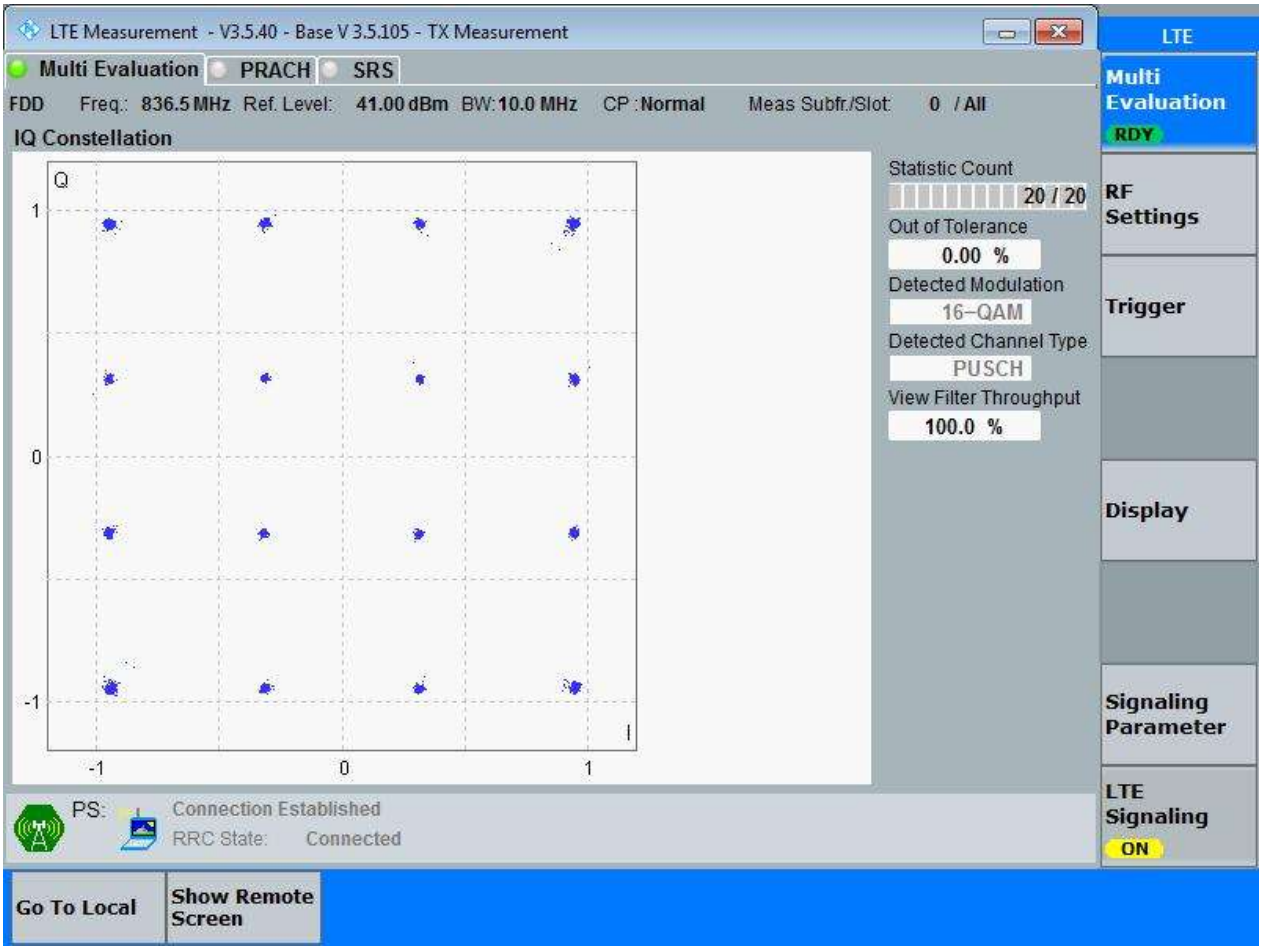
3.1.1.2.4 Test Bandwidth = 10

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	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.72	2.98	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	8.98	9.91	Pass
			MCH	RB50#0	9.02	9.92	Pass
			HCH	RB50#0	8.95	9.89	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.25	Pass
			MCH	RB6#0	1.10	1.25	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.99	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.52	4.95	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	8.99	9.88	Pass
			MCH	RB50#0	9.02	9.97	Pass
			HCH	RB50#0	8.96	9.87	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

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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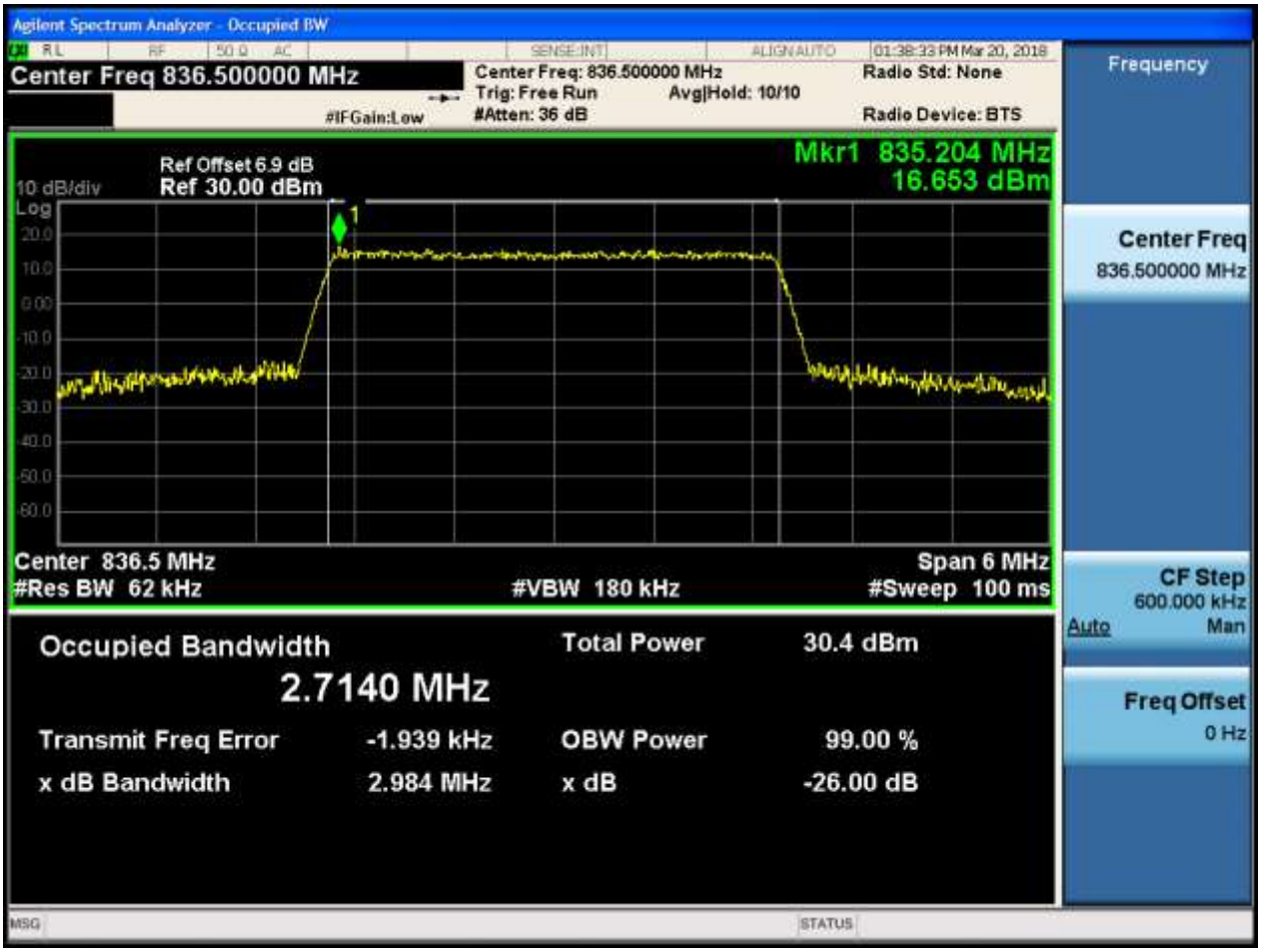
4.1.1.2.2.2 Test Channel = MCH

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

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

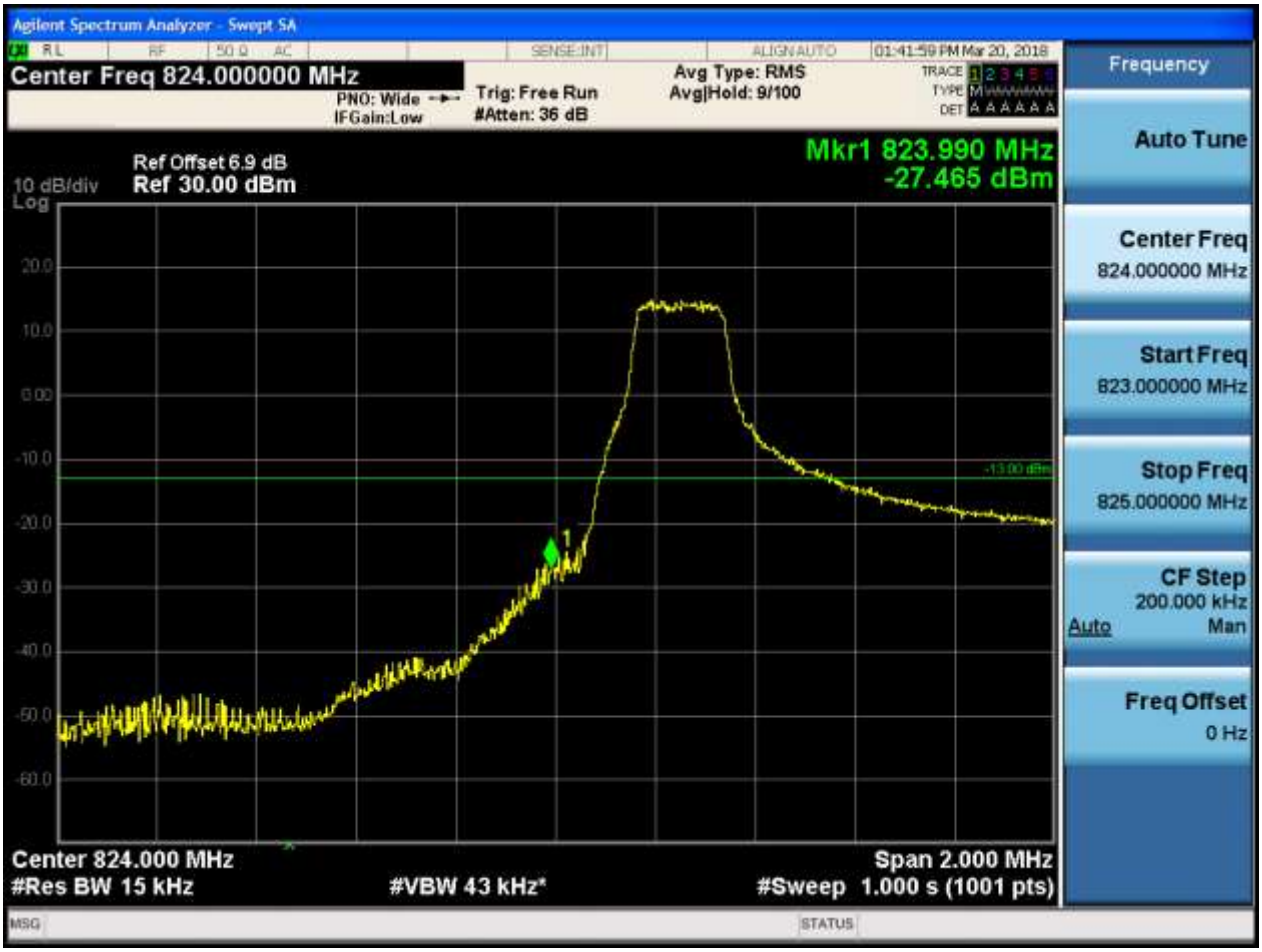
5.1.1 Test Band = BAND5

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

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

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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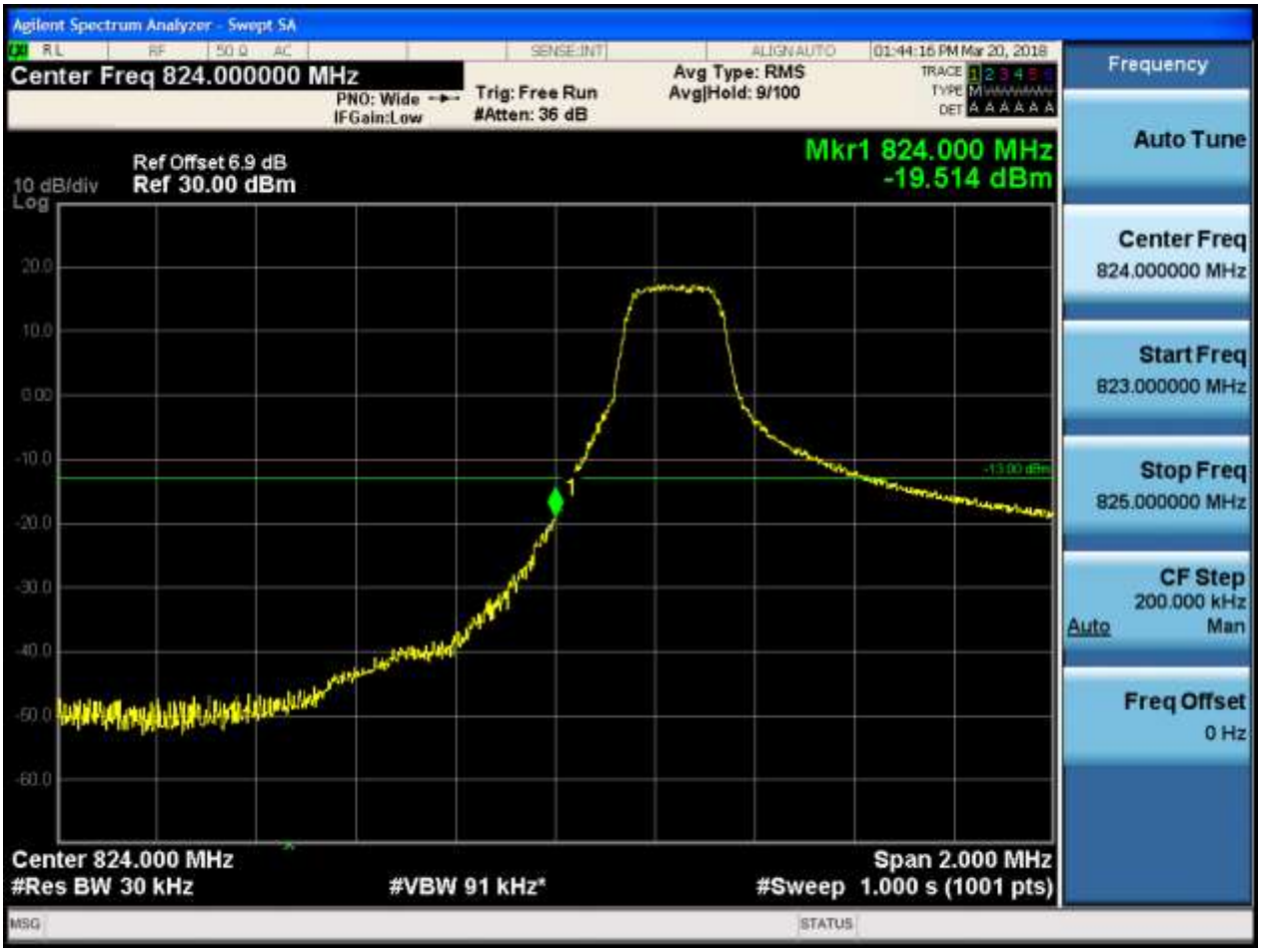
5.1.1.1.2 Test Bandwidth = 3

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

5.1.1.1.2.1.3 Test RB = RB8#4

5.1.1.1.2.1.4 Test RB = RB15#0

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

5.1.1.1.2.2.3 Test RB = RB8#4

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

5.1.1.1.3.1.3 Test RB = RB12#6

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

5.1.1.1.3.2.4 Test RB = RB25#0

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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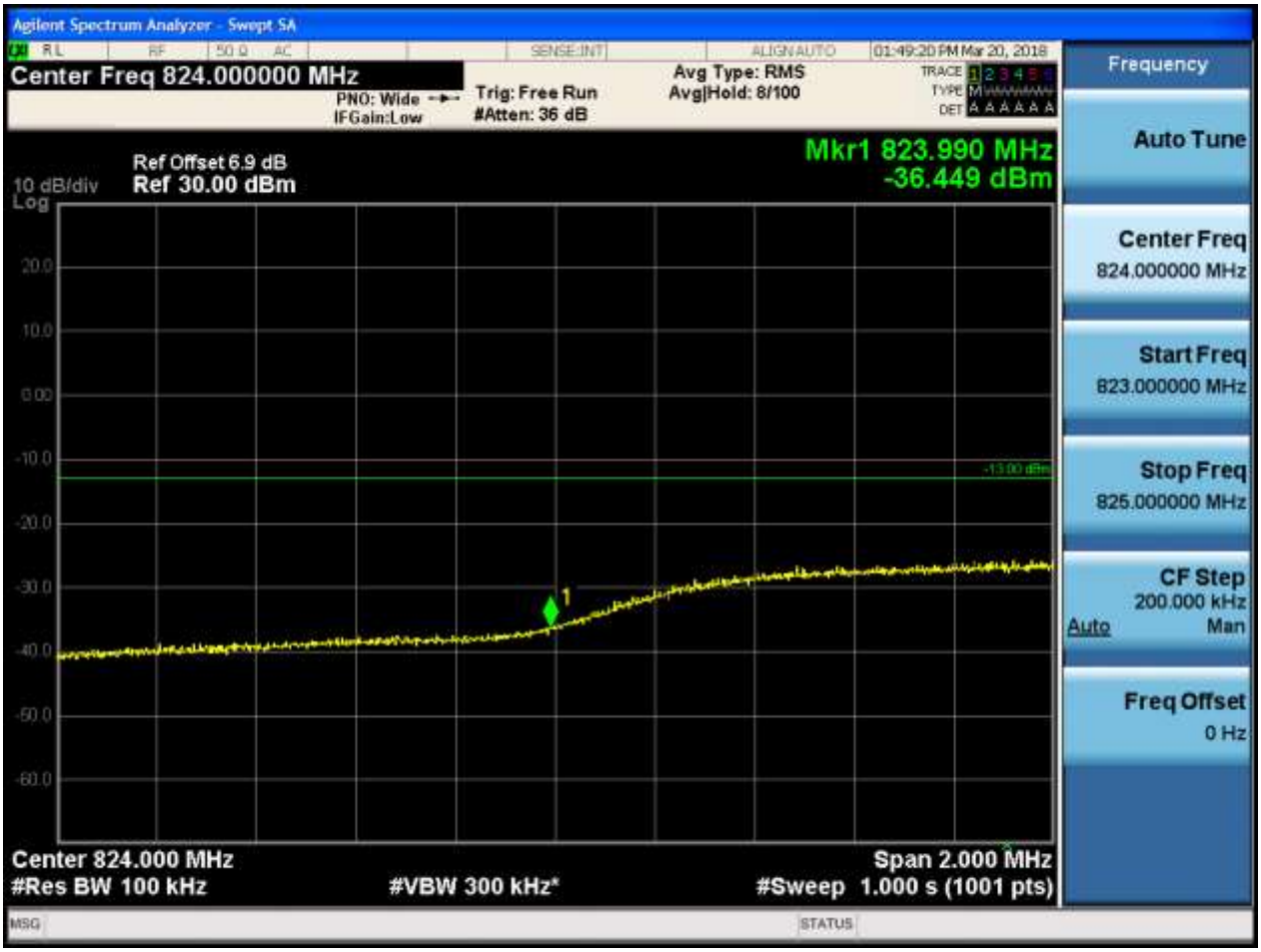
5.1.1.1.4.1.2 Test RB = RB1#49

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

5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0

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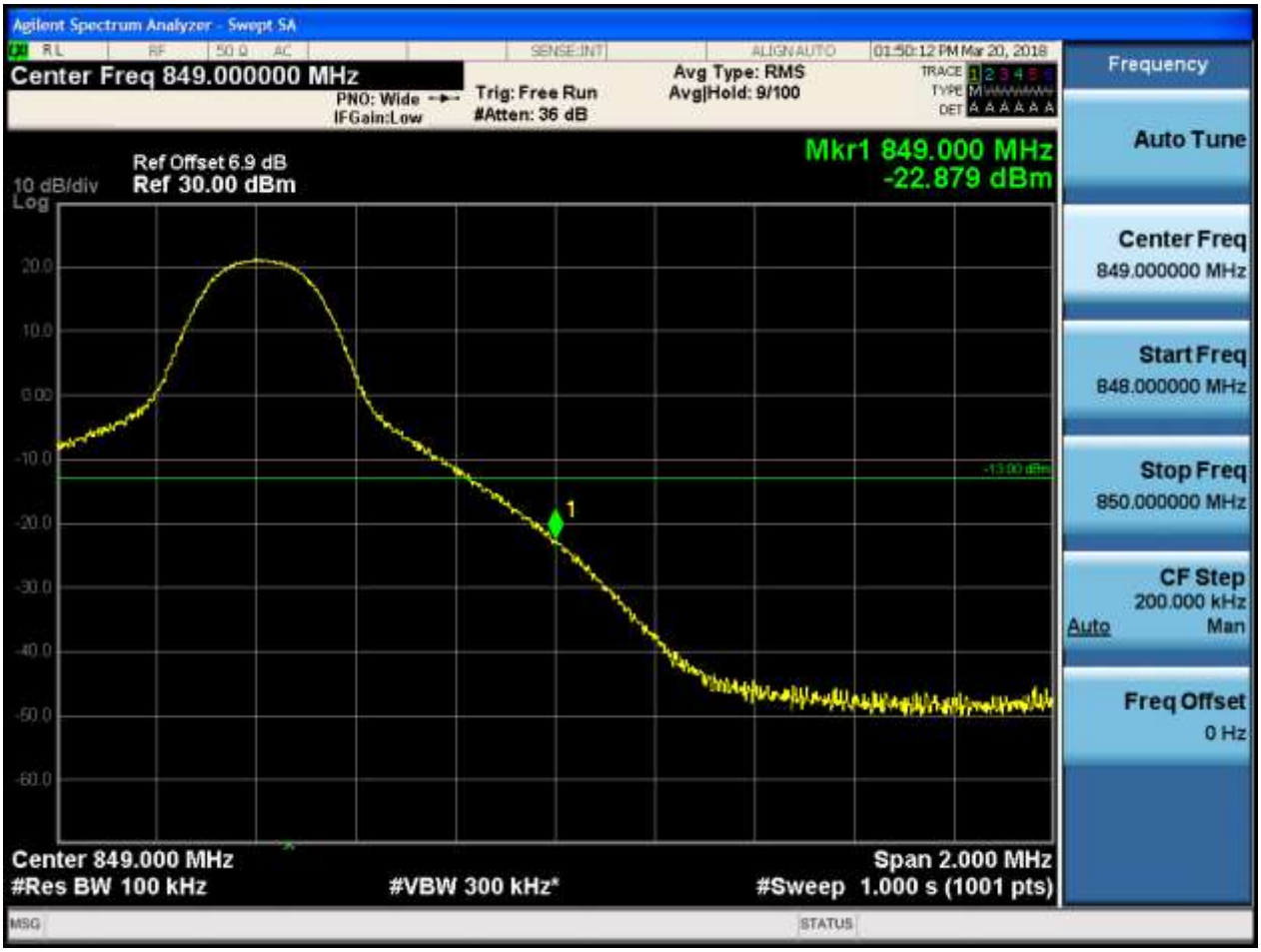
5.1.1.1.4.2.2 Test RB = RB1#49



5.1.1.1.4.2.3 Test RB = RB25#13

5.1.1.1.4.2.4 Test RB = RB50#0

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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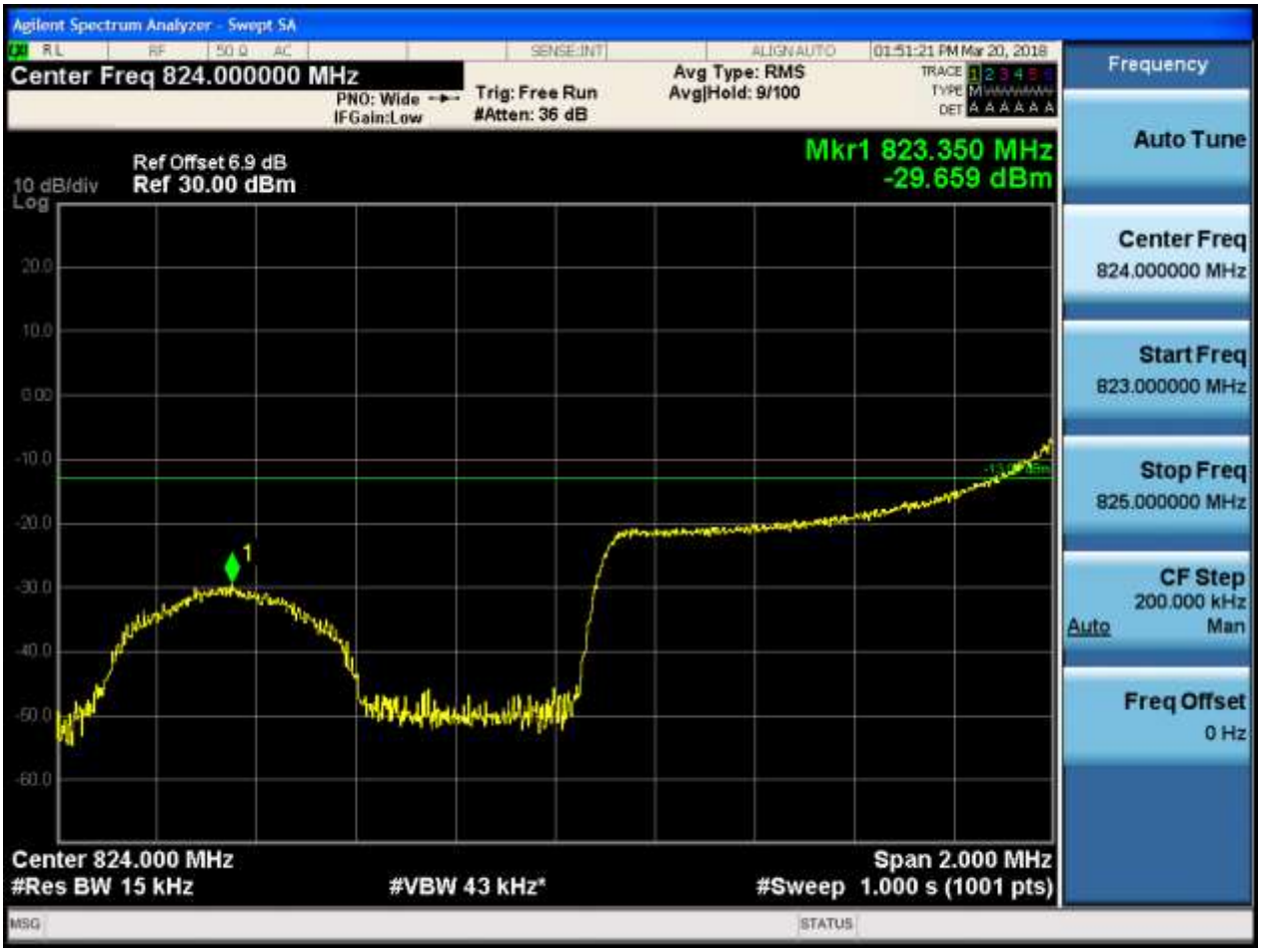
5.1.1.2.1.1.2 Test RB = RB1#5



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5.1.1.2.1.1.3 Test RB = RB3#2

5.1.1.2.1.1.4 Test RB = RB6#0

5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0

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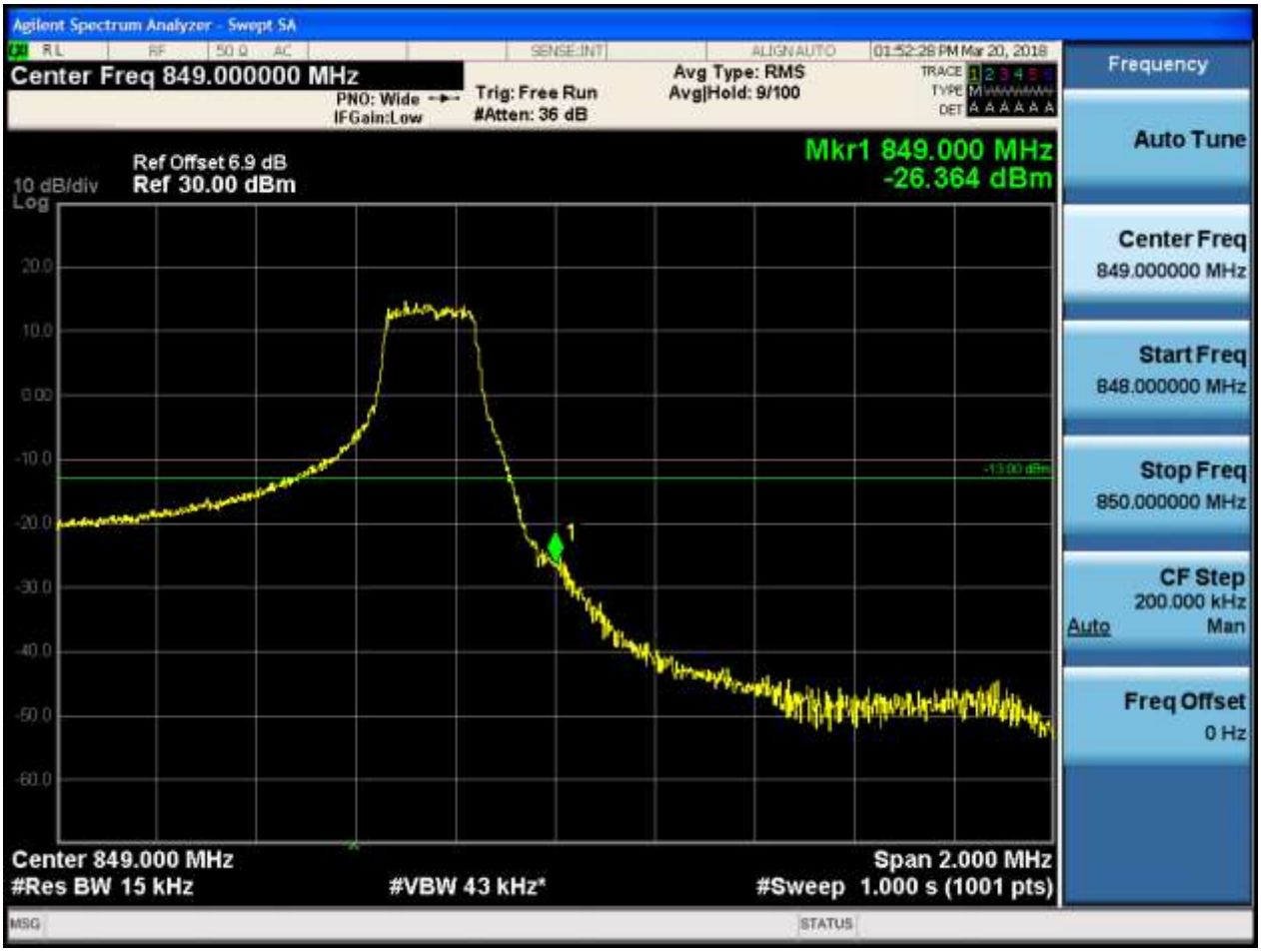
5.1.1.2.1.2.2 Test RB = RB1#5



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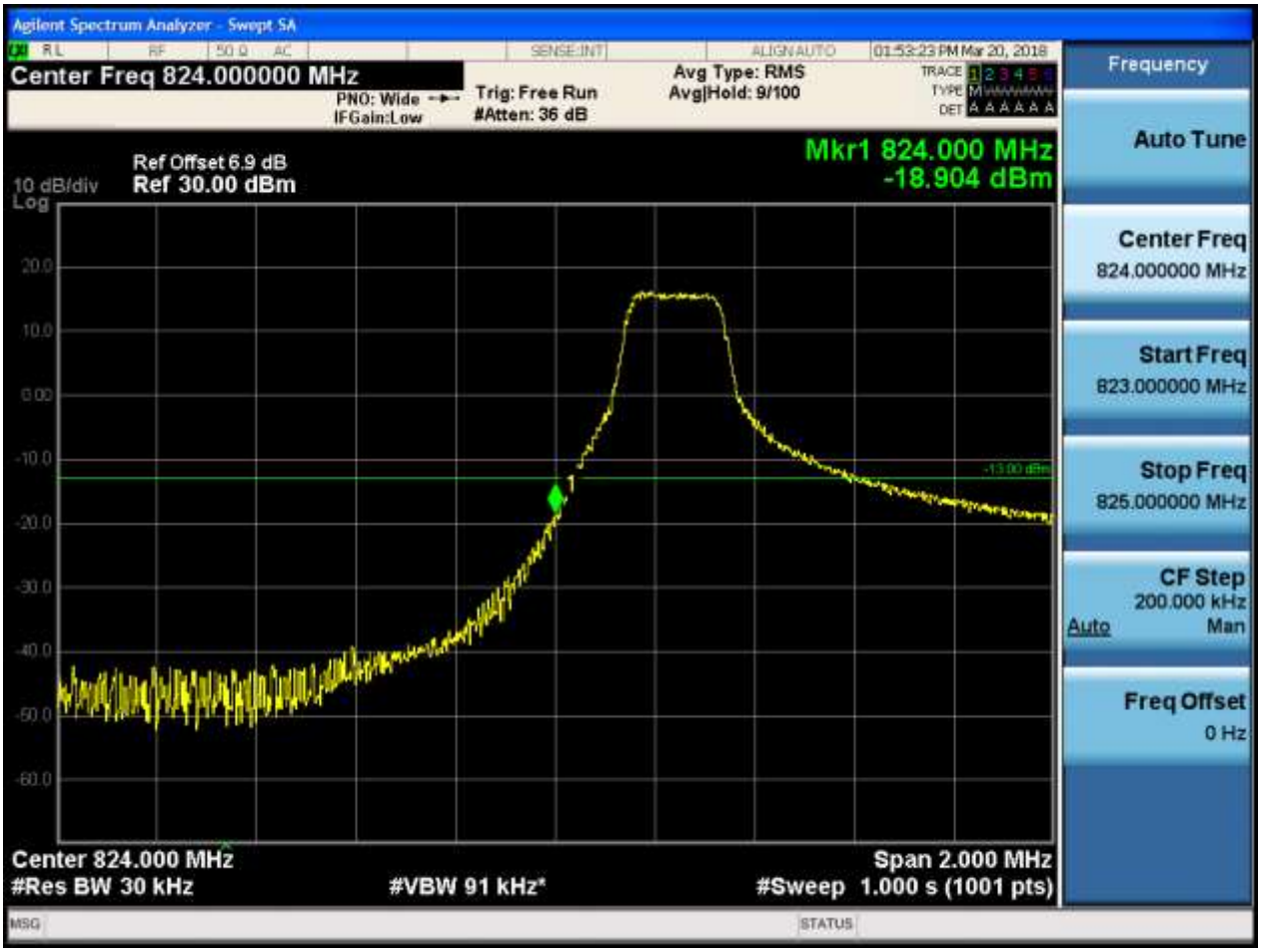
5.1.1.2.1.2.3 Test RB = RB3#2

5.1.1.2.1.2.4 Test RB = RB6#0

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

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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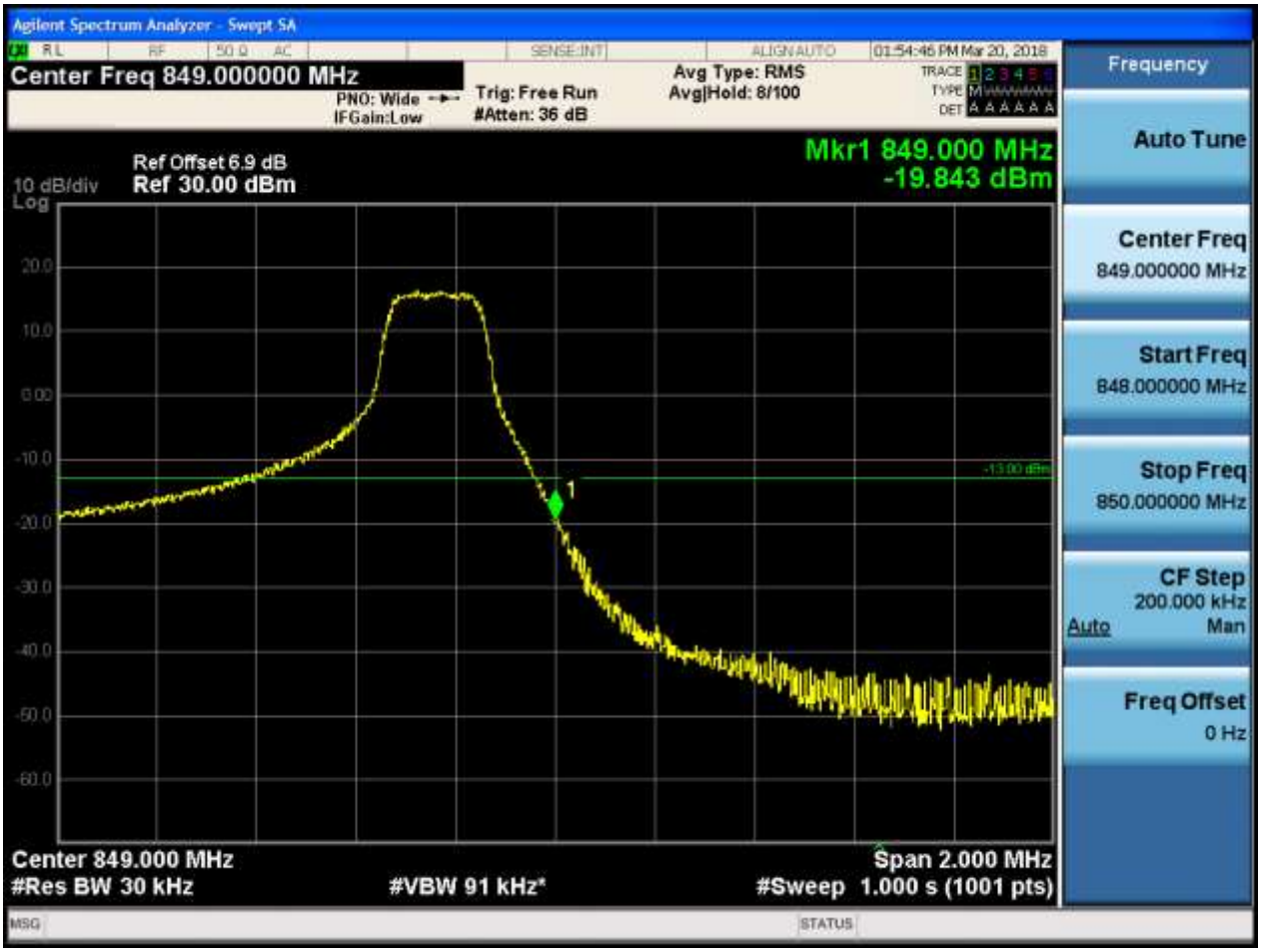
5.1.1.2.2.2.2 Test RB = RB1#14



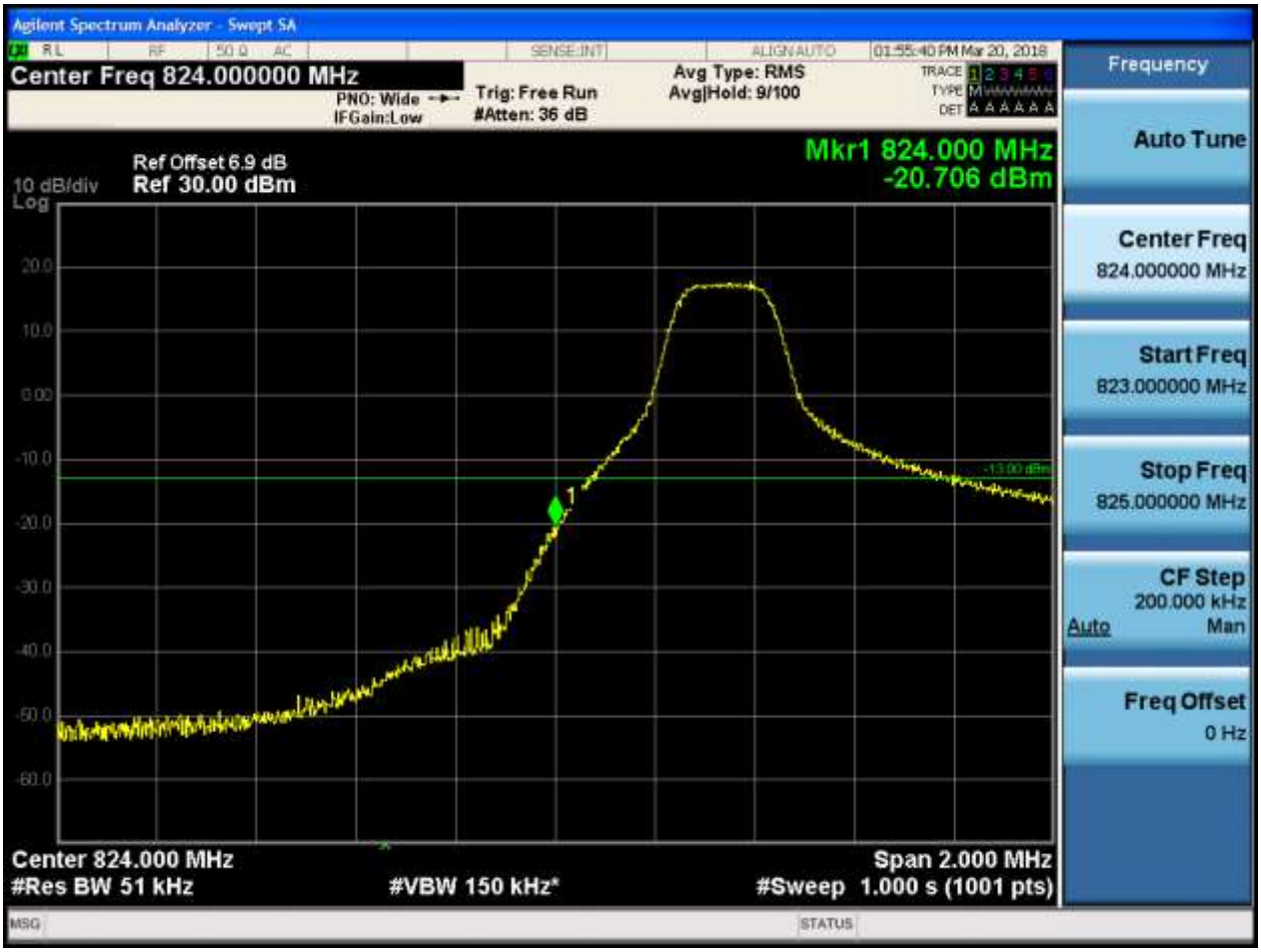
5.1.1.2.2.2.3 Test RB = RB8#4

5.1.1.2.2.2.4 Test RB = RB15#0

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



5.1.1.2.3.1.2 Test RB = RB1#24

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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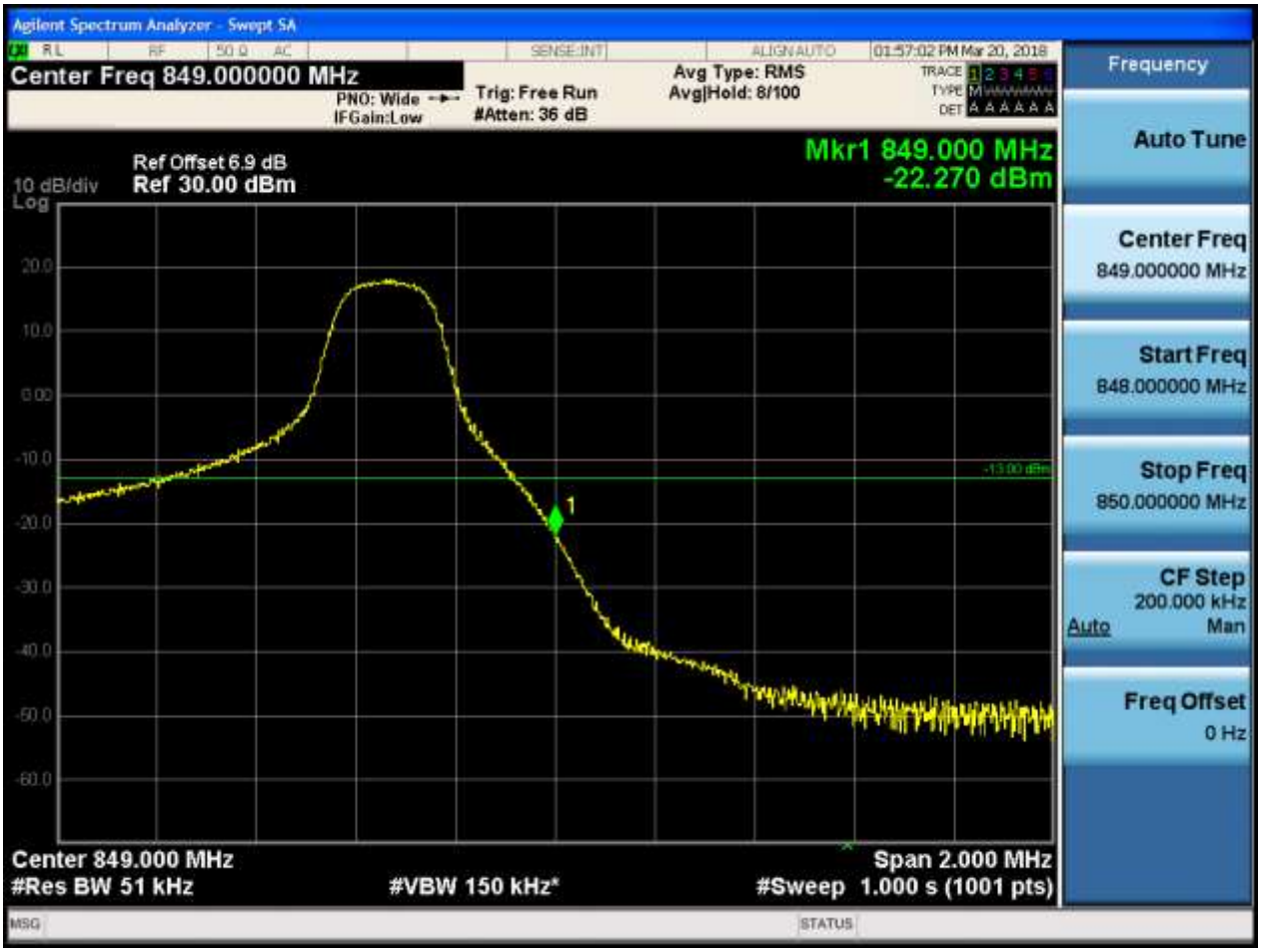
5.1.1.2.3.2.2 Test RB = RB1#24



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5.1.1.2.3.2.3 Test RB = RB12#6

5.1.1.2.3.2.4 Test RB = RB25#0

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

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

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

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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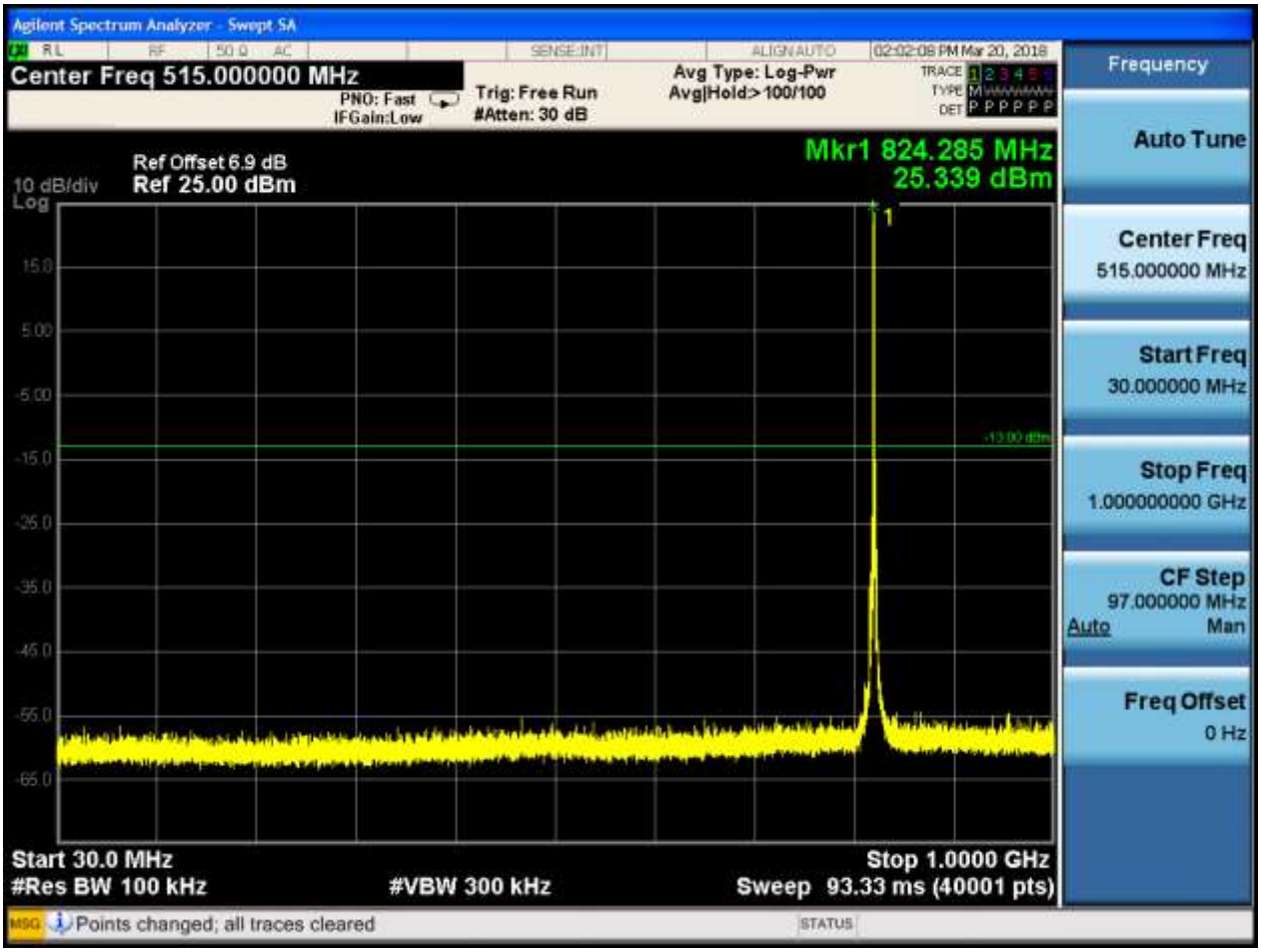

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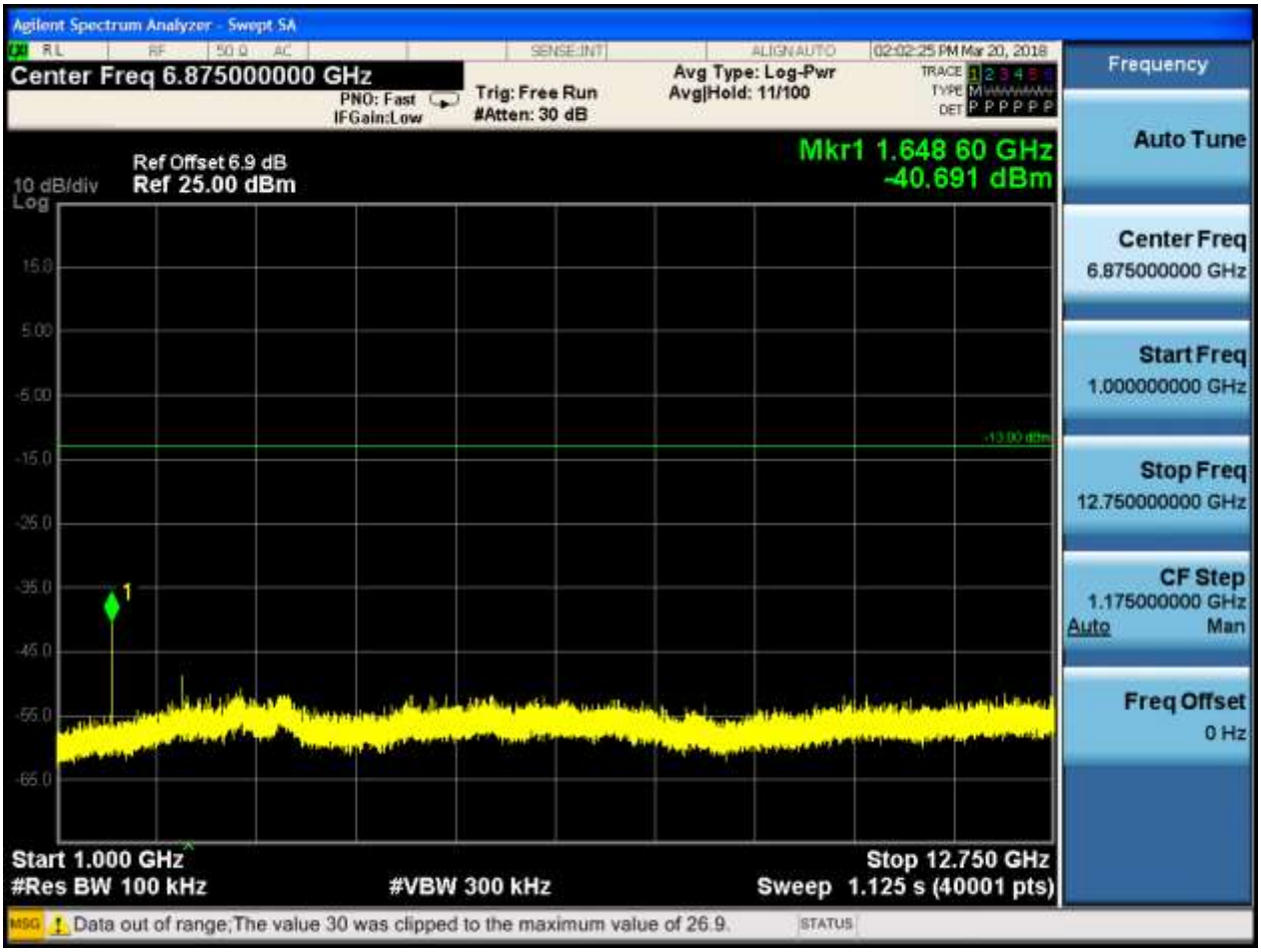

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6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

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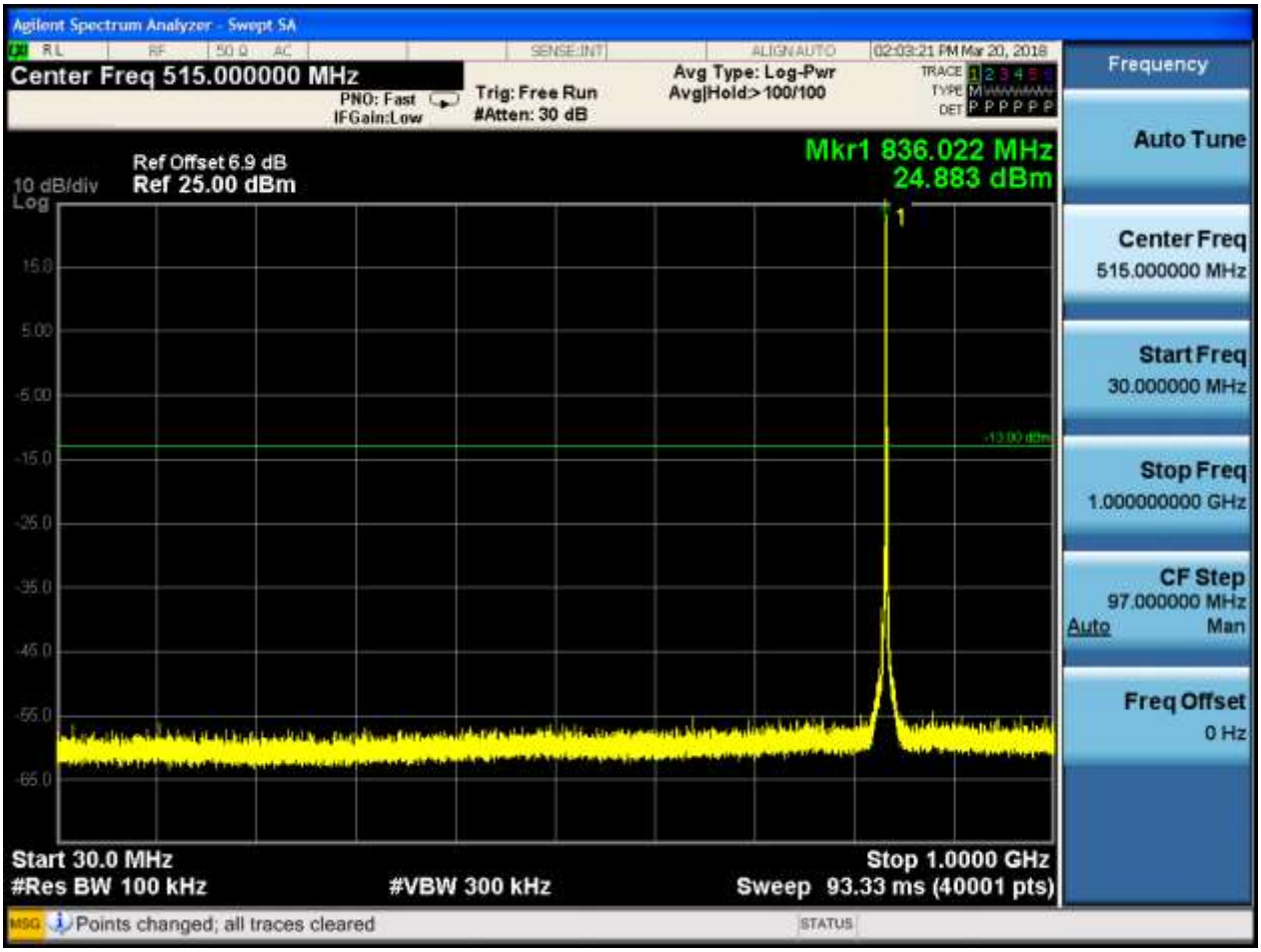

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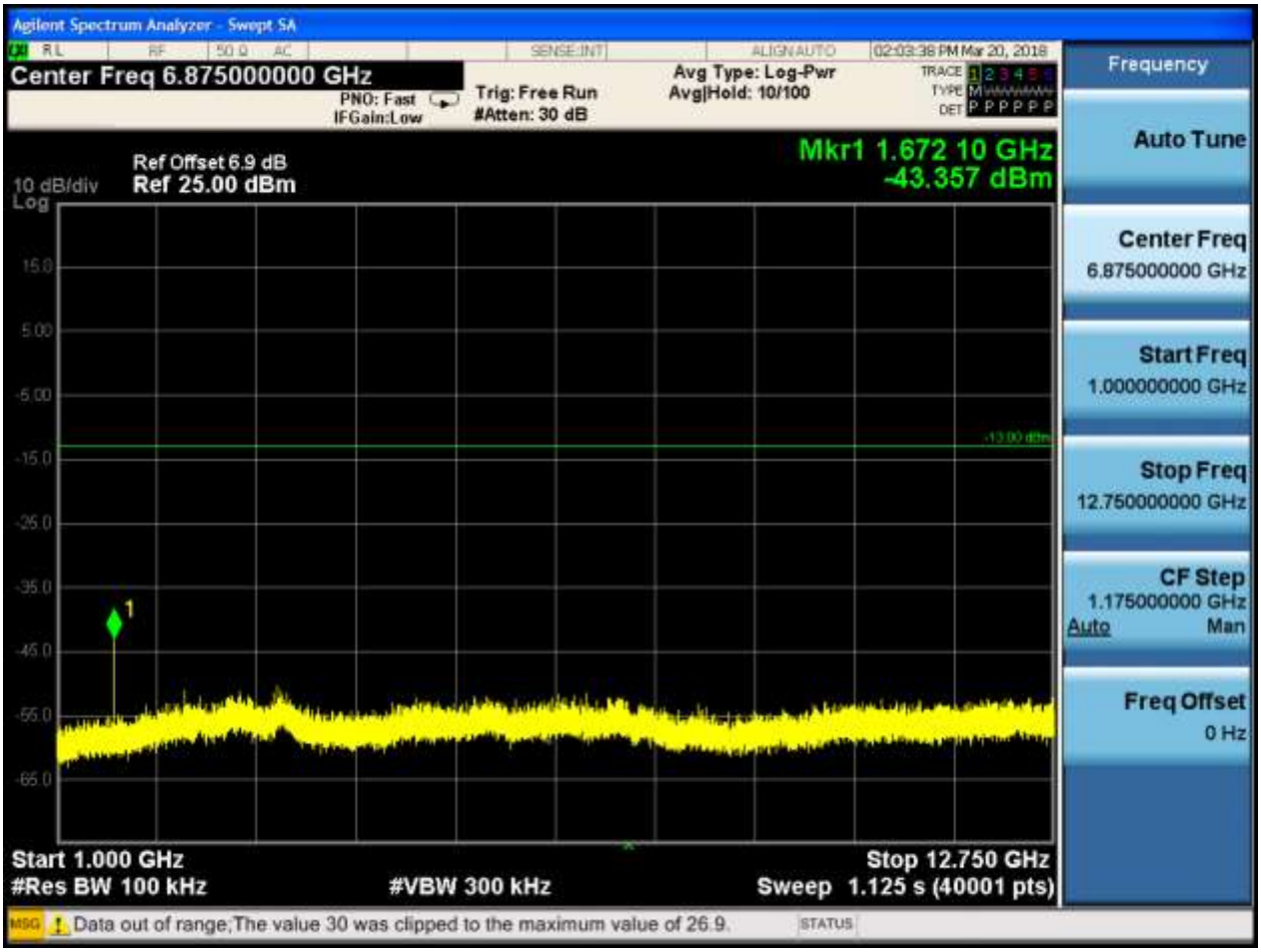

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6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0

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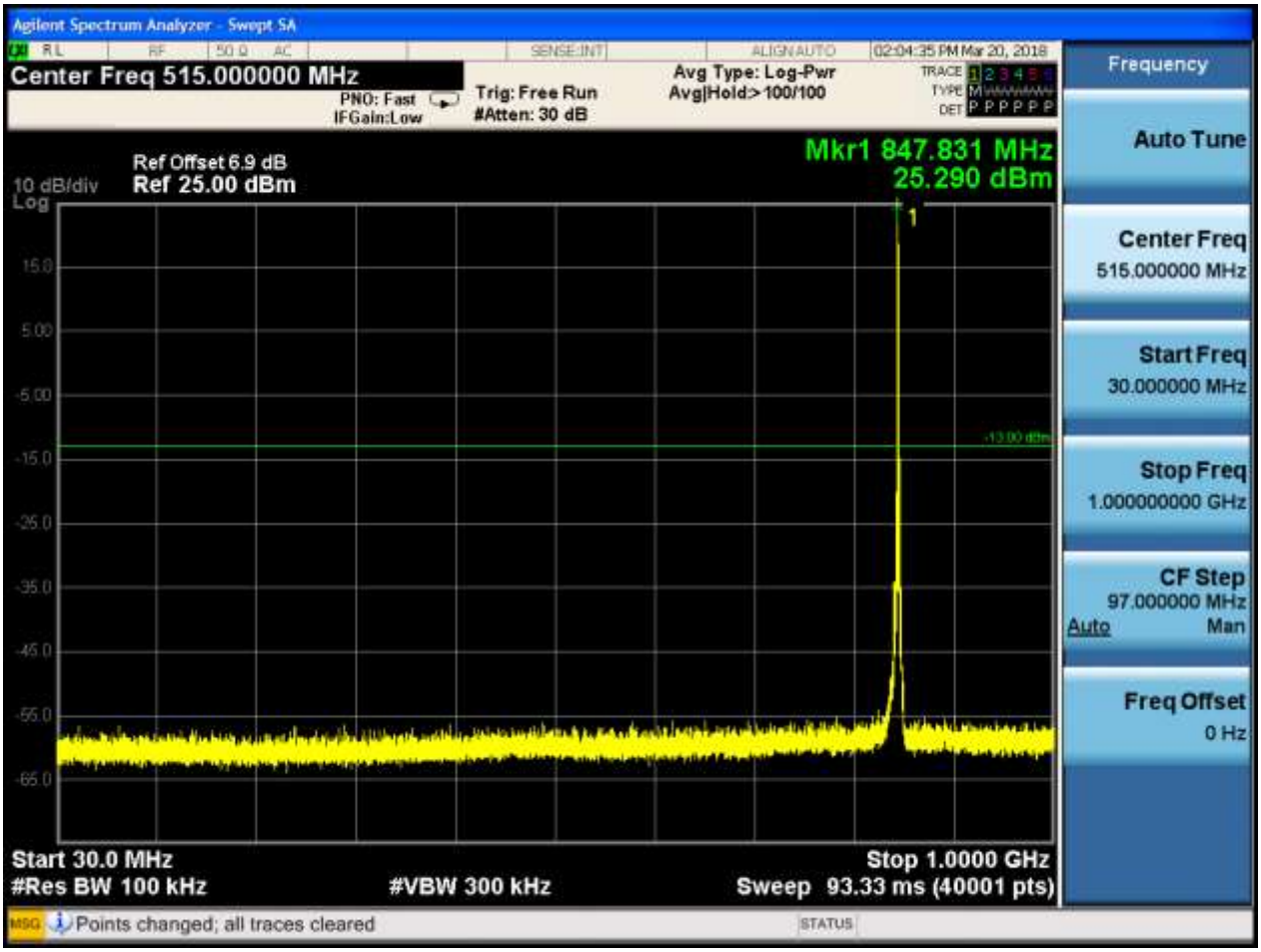

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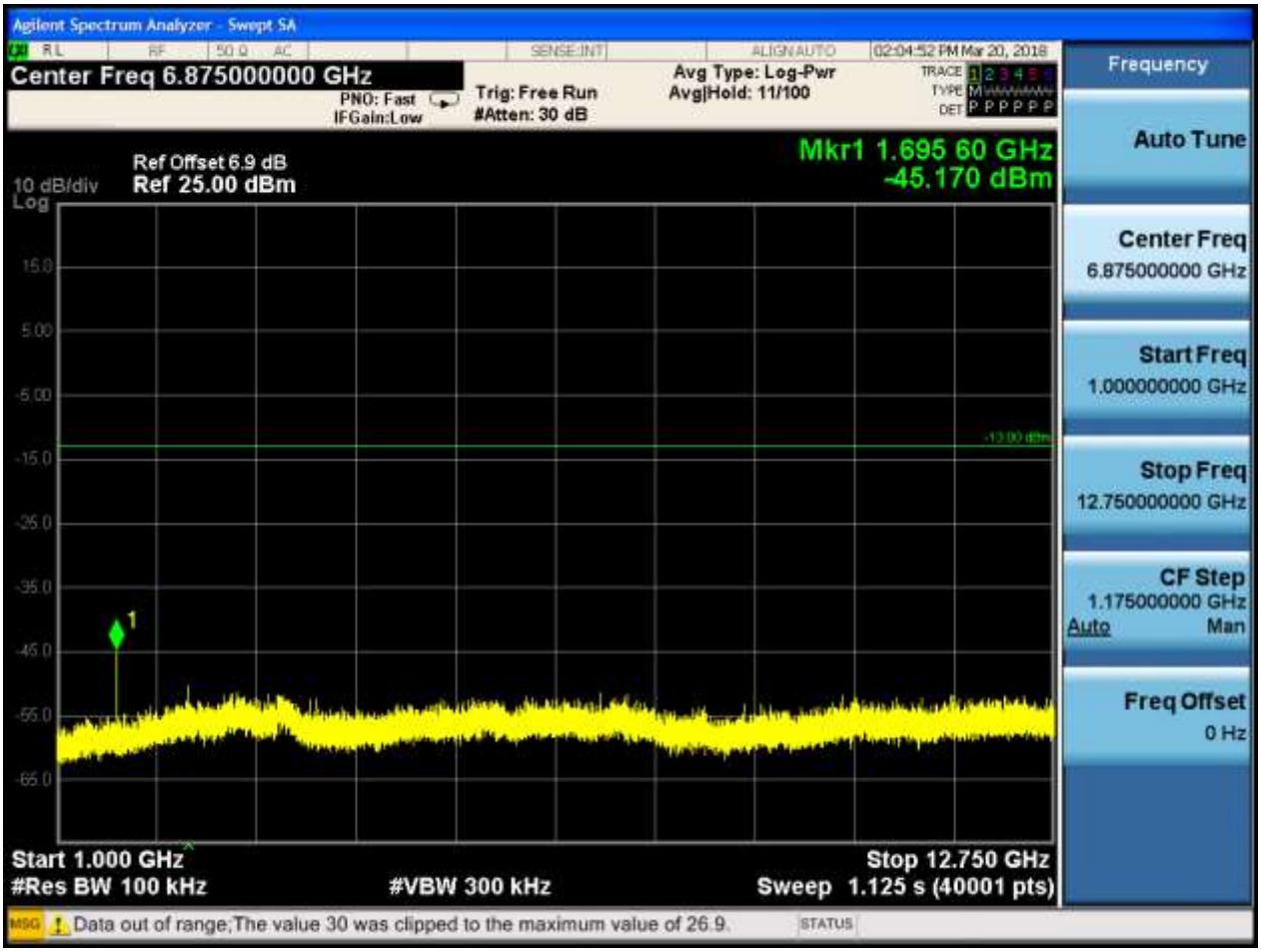

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6.1.1.1.2 Test Bandwidth = 3

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0

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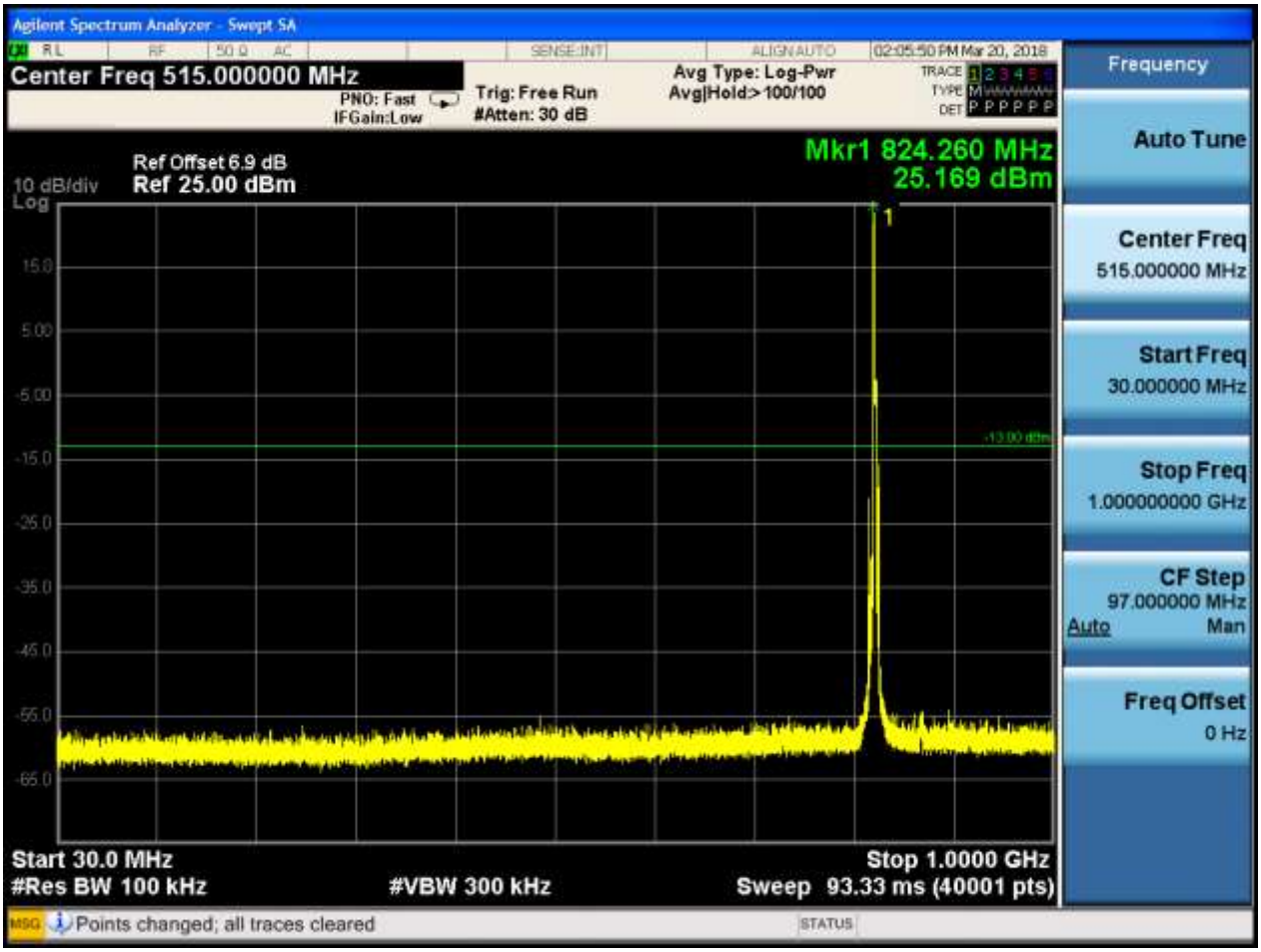

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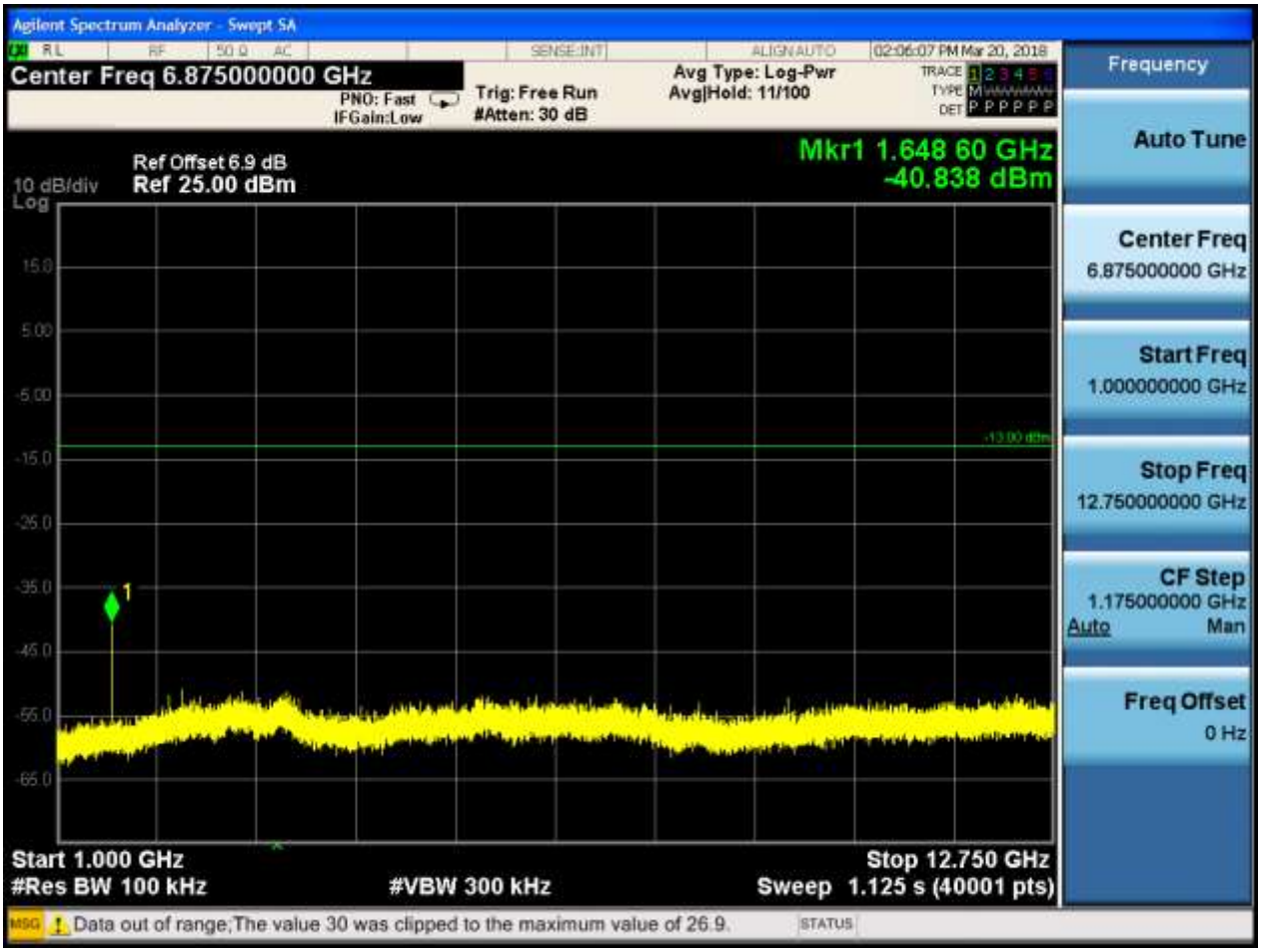

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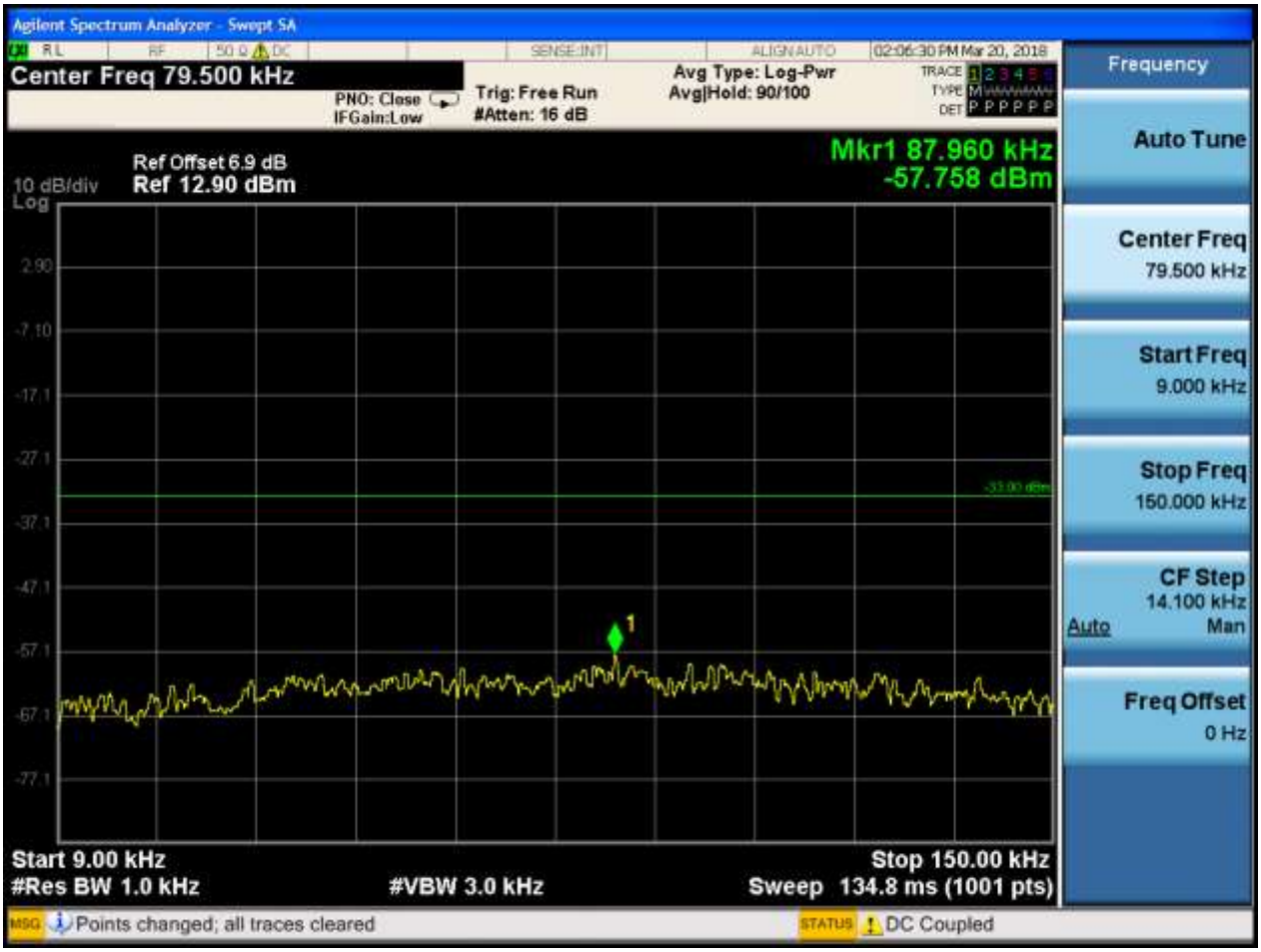
6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



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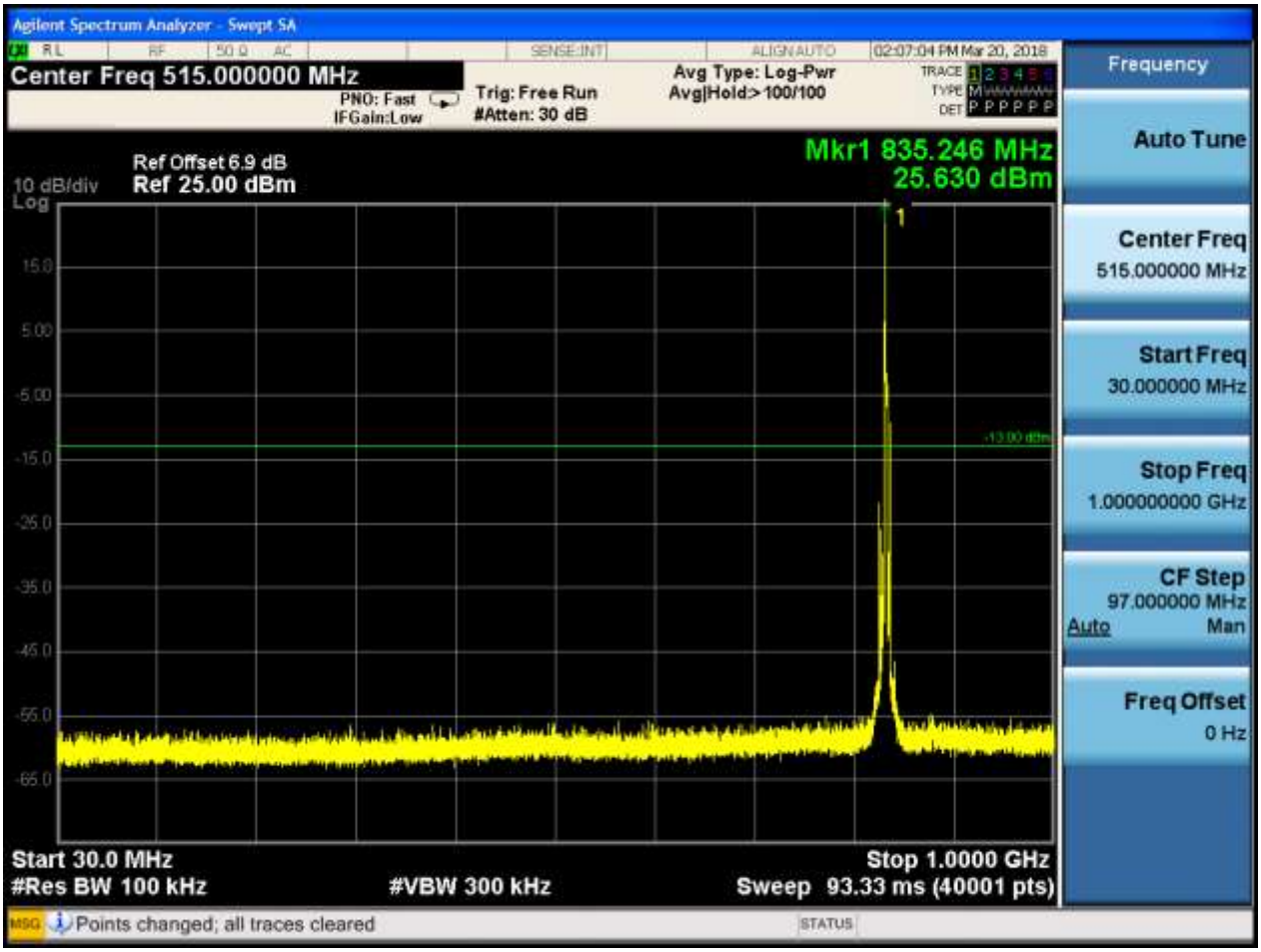

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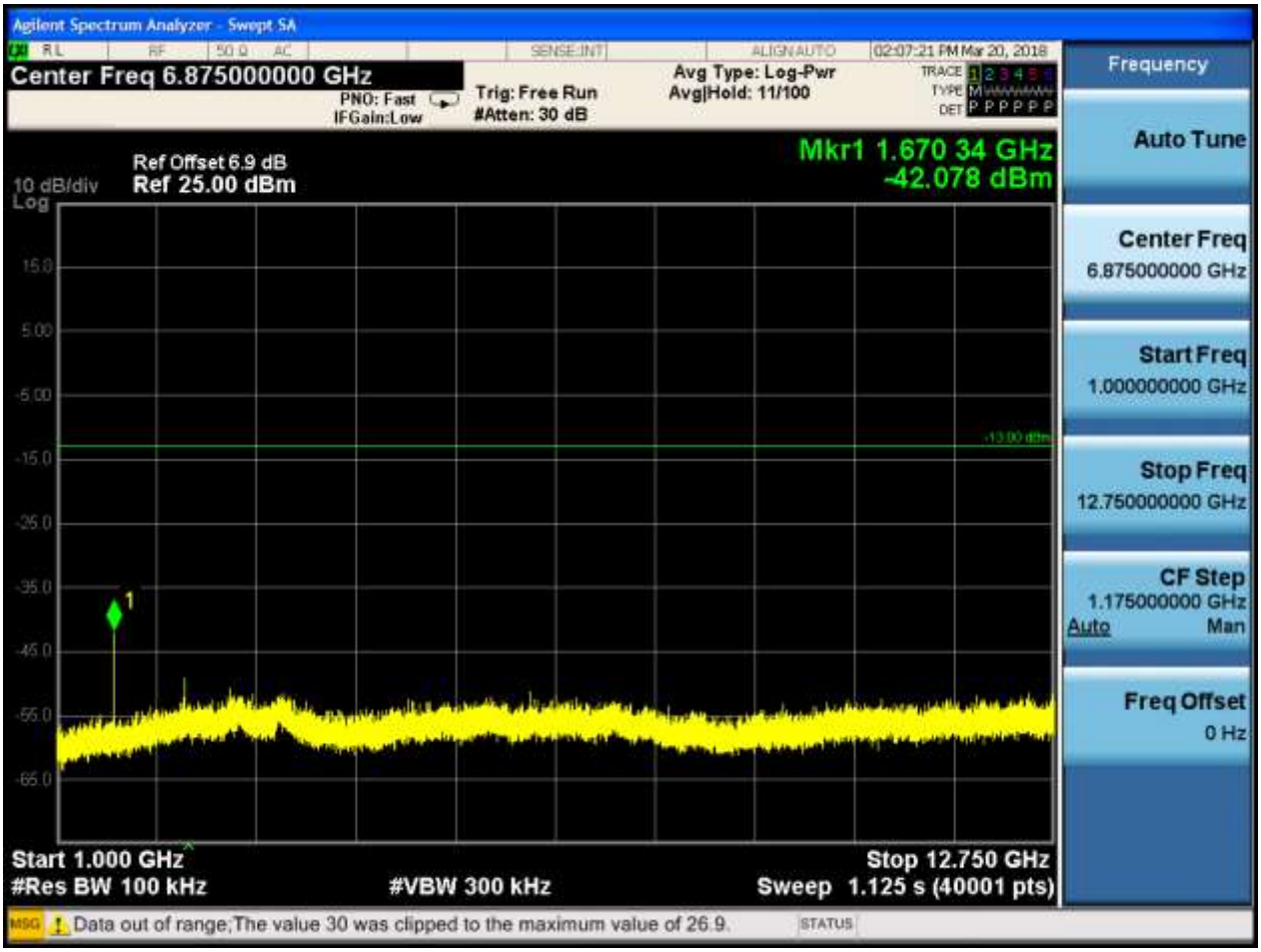

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6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0

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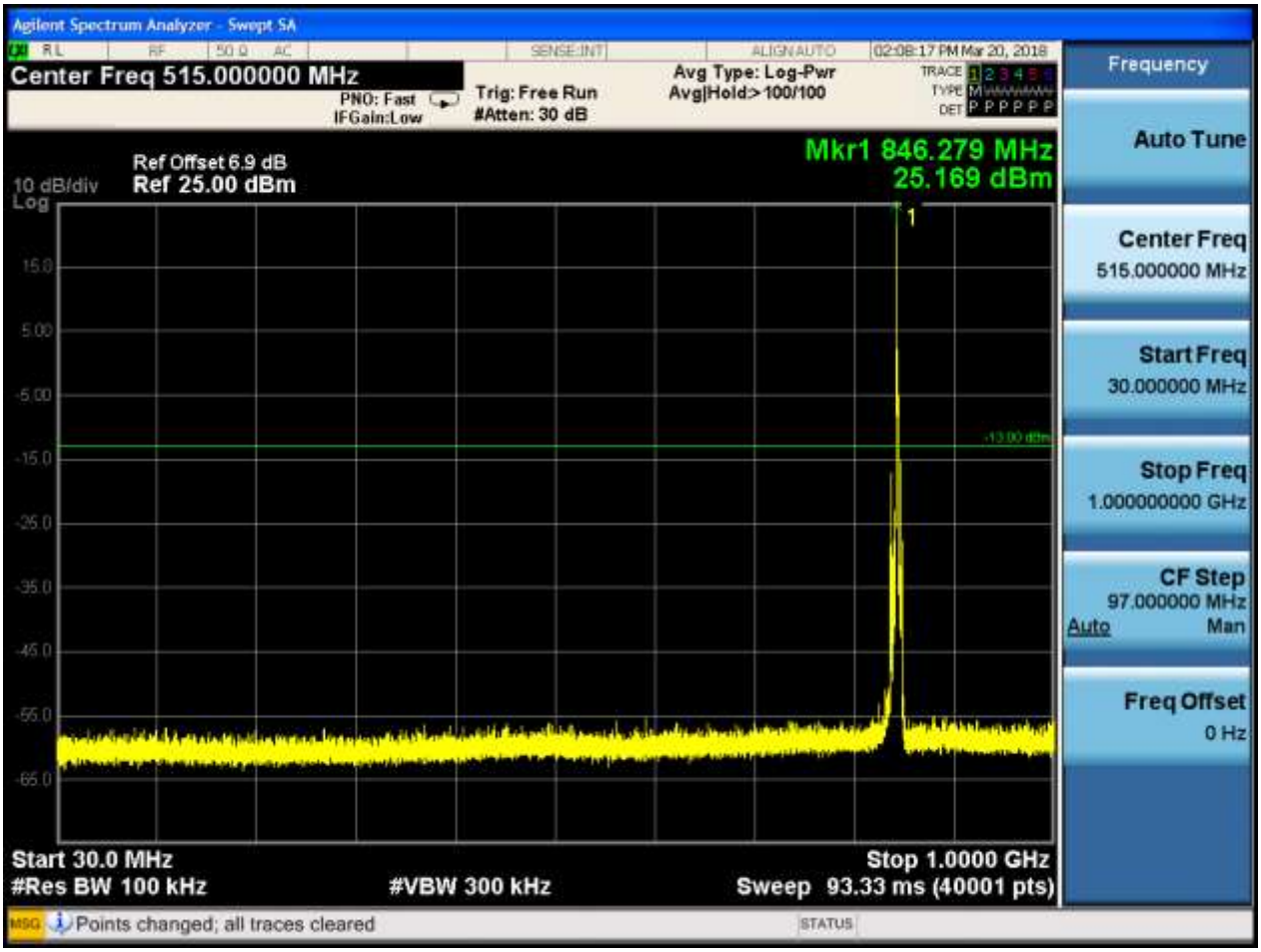

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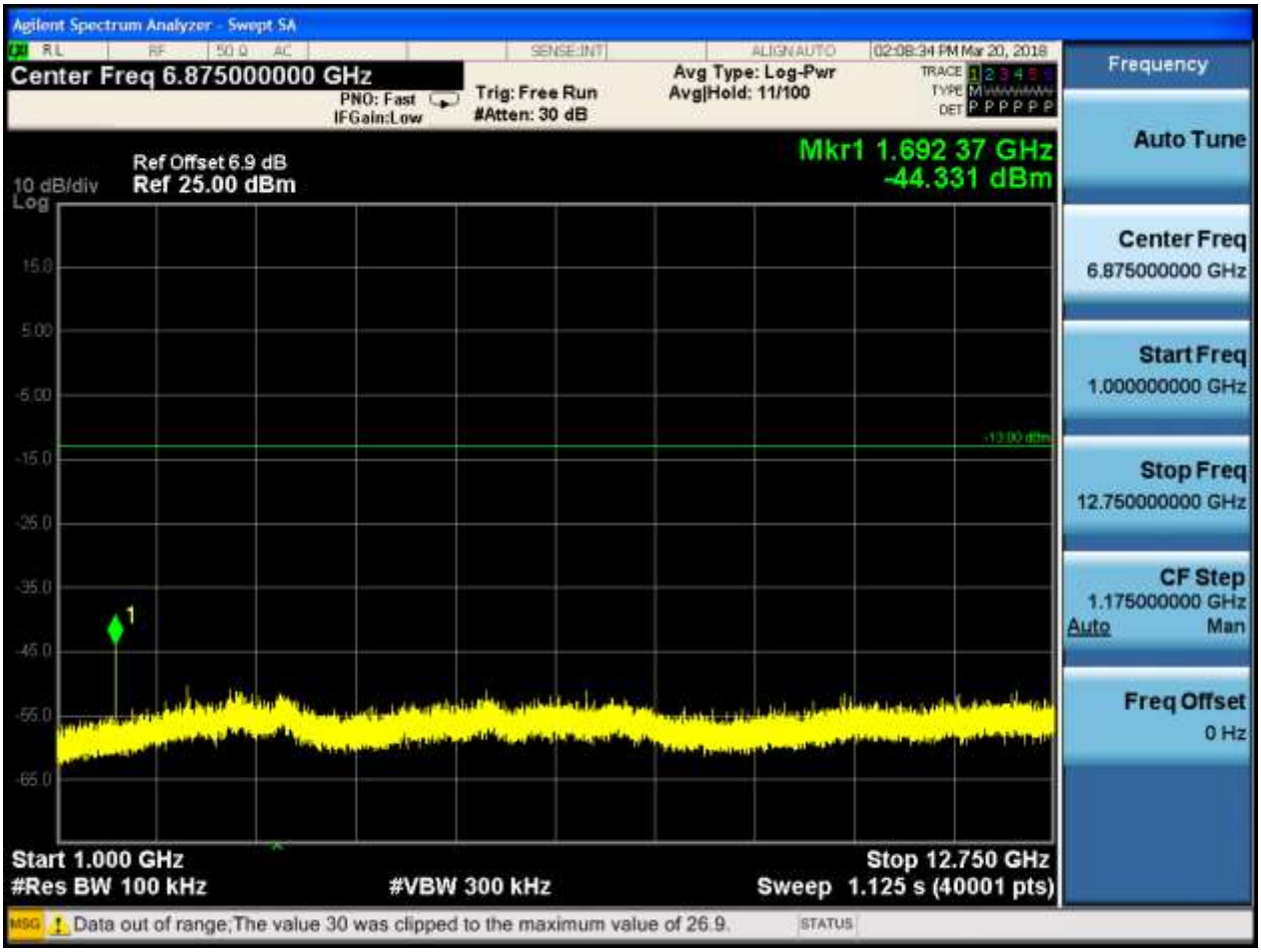
Agilent Spectrum Analyzer - Swept SA
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
02:08:34 PM Mar 20, 2018
Ref Offset 6.9 dB
10 dB/div
Ref 25.00 dBm
Mkr1 1.692 37 GHz
-44.331 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.125 s (40001 pts)
Data out of range;The value 30 was clipped to the maximum value of 26.9.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.1.3 Test Bandwidth = 5

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0

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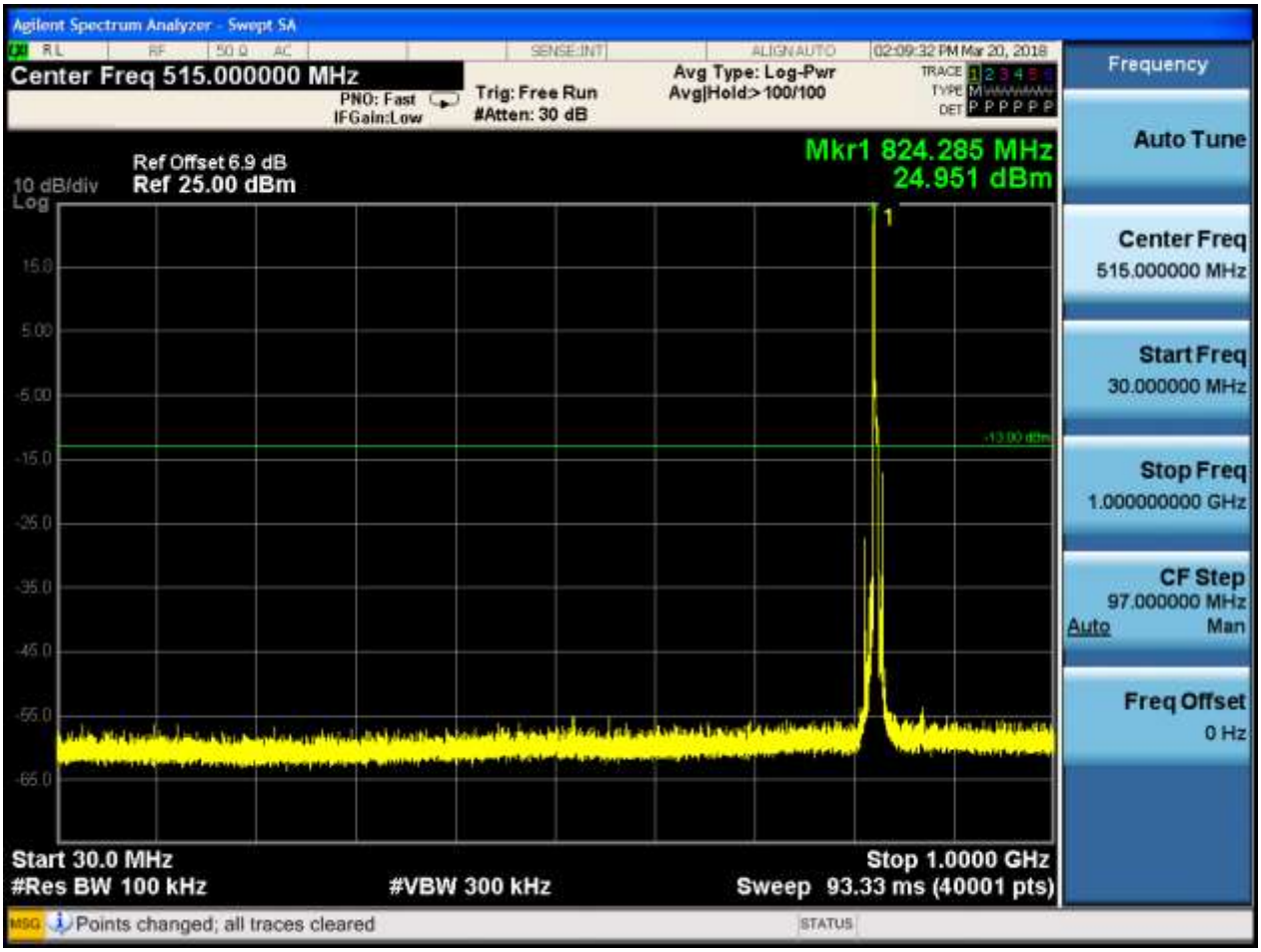

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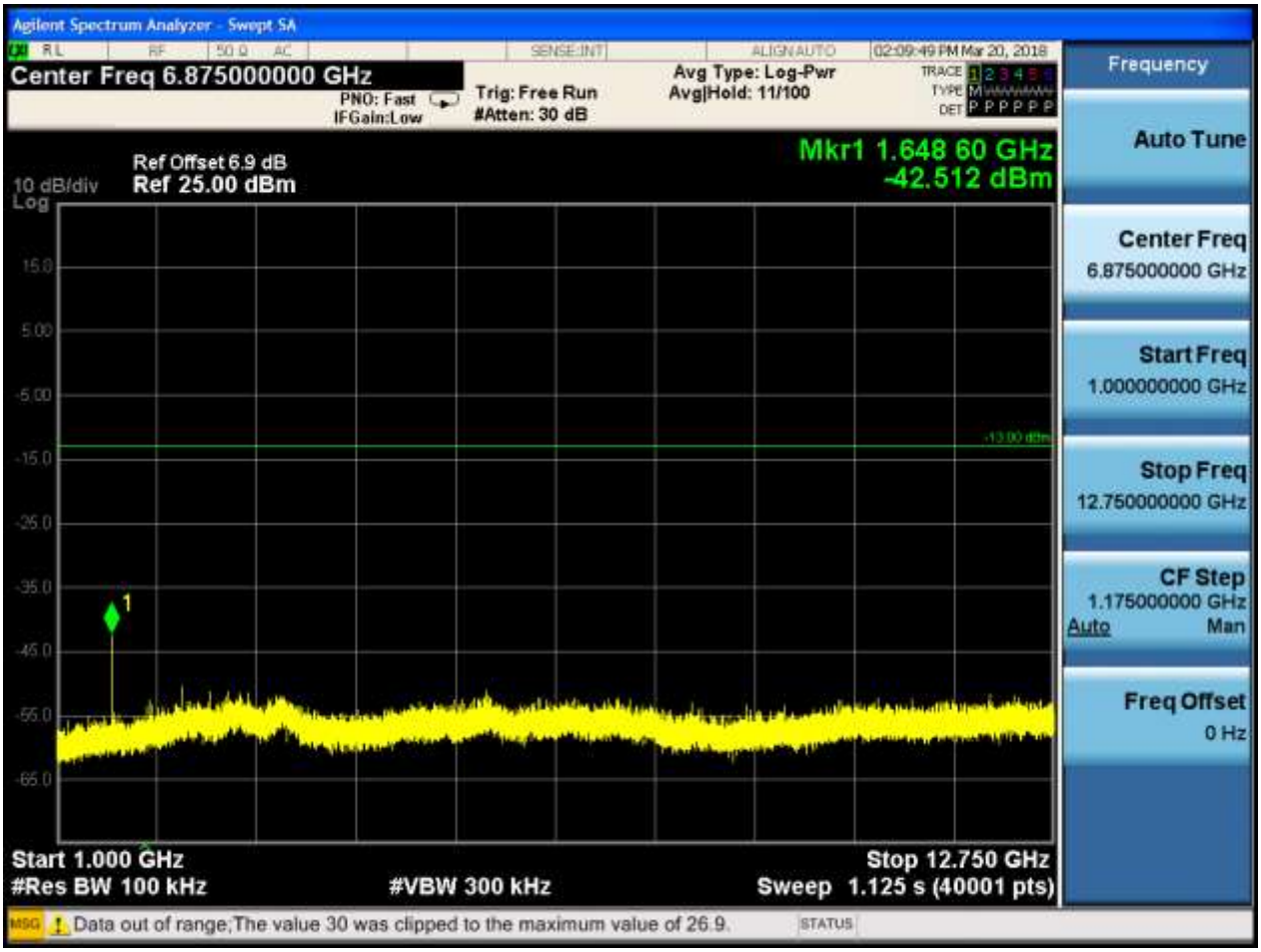

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6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0

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