



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
Band2	LTE/TM1	1.4	LCH	RB1#0	23.30	22.3	33	PASS
				RB1#3	22.73	21.73	33	PASS
				RB1#5	23.45	22.45	33	PASS
				RB3#0	23.25	22.25	33	PASS
				RB3#2	23.28	22.28	33	PASS
				RB3#3	23.28	22.28	33	PASS
				RB6#0	22.29	21.29	33	PASS
			MCH	RB1#0	23.32	22.32	33	PASS
				RB1#3	22.64	21.64	33	PASS
				RB1#5	23.28	22.28	33	PASS
				RB3#0	23.22	22.22	33	PASS
				RB3#2	23.12	22.12	33	PASS
				RB3#3	23.26	22.26	33	PASS
				RB6#0	22.20	21.2	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.31	22.31	33	PASS
				RB1#3	22.93	21.93	33	PASS
				RB1#5	23.28	22.28	33	PASS
				RB3#0	23.41	22.41	33	PASS
				RB3#2	23.17	22.17	33	PASS
				RB3#3	23.18	22.18	33	PASS
				RB6#0	22.31	21.31	33	PASS
		3	LCH	RB1#0	23.33	22.33	33	PASS
				RB1#7	23.02	22.02	33	PASS
				RB1#14	23.34	22.34	33	PASS
				RB8#0	22.29	21.29	33	PASS
				RB8#4	22.36	21.36	33	PASS
				RB8#7	22.32	21.32	33	PASS
				RB15#0	22.34	21.34	33	PASS
			MCH	RB1#0	23.52	22.52	33	PASS
				RB1#7	23.45	22.45	33	PASS
				RB1#14	23.50	22.5	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	22.19	21.19	33	PASS
				RB8#4	22.18	21.18	33	PASS
				RB8#7	22.27	21.27	33	PASS
				RB15#0	22.25	21.25	33	PASS
			HCH	RB1#0	23.30	22.3	33	PASS
				RB1#7	22.80	21.8	33	PASS
				RB1#14	23.28	22.28	33	PASS
				RB8#0	22.22	21.22	33	PASS
				RB8#4	22.12	21.12	33	PASS
				RB8#7	22.26	21.26	33	PASS
				RB15#0	22.23	21.23	33	PASS
		5	LCH	RB1#0	23.35	22.35	33	PASS
				RB1#13	23.39	22.39	33	PASS
				RB1#24	23.34	22.34	33	PASS
				RB12#0	22.41	21.41	33	PASS
				RB12#6	22.39	21.39	33	PASS
				RB12#13	22.44	21.44	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.36	21.36	33	PASS
				RB1#0	23.35	22.35	33	PASS
			MCH	RB1#13	23.27	22.27	33	PASS
				RB1#24	23.32	22.32	33	PASS
				RB12#0	22.39	21.39	33	PASS
				RB12#6	22.32	21.32	33	PASS
				RB12#13	22.36	21.36	33	PASS
				RB25#0	22.33	21.33	33	PASS
			HCH	RB1#0	23.29	22.29	33	PASS
				RB1#13	23.24	22.24	33	PASS
				RB1#24	23.26	22.26	33	PASS
				RB12#0	22.40	21.4	33	PASS
				RB12#6	22.32	21.32	33	PASS
				RB12#13	22.35	21.35	33	PASS
				RB25#0	22.24	21.24	33	PASS
		10	LCH	RB1#0	23.38	22.38	33	PASS
				RB1#25	23.12	22.12	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.30	22.3	33	PASS
				RB25#0	22.38	21.38	33	PASS
				RB25#13	22.41	21.41	33	PASS
				RB25#25	22.35	21.35	33	PASS
				RB50#0	22.41	21.41	33	PASS
			MCH	RB1#0	23.32	22.32	33	PASS
				RB1#25	23.20	22.2	33	PASS
				RB1#49	23.37	22.37	33	PASS
				RB25#0	22.36	21.36	33	PASS
				RB25#13	22.30	21.3	33	PASS
				RB25#25	22.28	21.28	33	PASS
				RB50#0	22.33	21.33	33	PASS
			HCH	RB1#0	23.41	22.41	33	PASS
				RB1#25	22.99	21.99	33	PASS
				RB1#49	23.30	22.3	33	PASS
				RB25#0	22.34	21.34	33	PASS
				RB25#13	22.30	21.3	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.25	21.25	33	PASS
				RB50#0	22.24	21.24	33	PASS
		15	LCH	RB1#0	23.46	22.46	33	PASS
				RB1#38	23.35	22.35	33	PASS
				RB1#74	23.36	22.36	33	PASS
				RB38#0	22.45	21.45	33	PASS
				RB38#19	22.37	21.37	33	PASS
				RB38#39	22.33	21.33	33	PASS
				RB75#0	22.32	21.32	33	PASS
			MCH	RB1#0	23.26	22.26	33	PASS
				RB1#38	23.33	22.33	33	PASS
				RB1#74	23.27	22.27	33	PASS
				RB38#0	22.32	21.32	33	PASS
				RB38#19	22.36	21.36	33	PASS
				RB38#39	22.40	21.4	33	PASS
				RB75#0	22.36	21.36	33	PASS
			HCH	RB1#0	23.33	22.33	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	23.35	22.35	33	PASS
				RB1#74	23.25	22.25	33	PASS
				RB38#0	22.37	21.37	33	PASS
				RB38#19	22.32	21.32	33	PASS
				RB38#39	22.34	21.34	33	PASS
				RB75#0	22.30	21.3	33	PASS
		20	LCH	RB1#0	23.55	22.55	33	PASS
				RB1#50	23.10	22.1	33	PASS
				RB1#99	23.50	22.5	33	PASS
				RB50#0	22.46	21.46	33	PASS
				RB50#25	22.31	21.31	33	PASS
				RB50#50	22.41	21.41	33	PASS
				RB100#0	22.38	21.38	33	PASS
			MCH	RB1#0	23.49	22.49	33	PASS
				RB1#50	23.22	22.22	33	PASS
				RB1#99	23.56	22.56	33	PASS
				RB50#0	22.43	21.43	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	22.33	21.33	33	PASS
				RB50#50	22.44	21.44	33	PASS
				RB100#0	22.39	21.39	33	PASS
			HCH	RB1#0	23.57	22.57	33	PASS
				RB1#50	23.05	22.05	33	PASS
				RB1#99	23.34	22.34	33	PASS
				RB50#0	22.37	21.37	33	PASS
				RB50#25	22.27	21.27	33	PASS
				RB50#50	22.34	21.34	33	PASS
				RB100#0	22.32	21.32	33	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.52	21.52	33	PASS
				RB1#3	21.66	20.66	33	PASS
				RB1#5	22.61	21.61	33	PASS
				RB3#0	22.23	21.23	33	PASS
				RB3#2	22.45	21.45	33	PASS
				RB3#3	22.12	21.12	33	PASS
				RB6#0	21.34	20.34	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.53	21.53	33	PASS
				RB1#3	22.43	21.43	33	PASS
				RB1#5	22.33	21.33	33	PASS
				RB3#0	22.28	21.28	33	PASS
				RB3#2	22.17	21.17	33	PASS
				RB3#3	22.24	21.24	33	PASS
				RB6#0	21.19	20.19	33	PASS
			HCH	RB1#0	22.44	21.44	33	PASS
				RB1#3	21.52	20.52	33	PASS
				RB1#5	22.62	21.62	33	PASS
				RB3#0	22.38	21.38	33	PASS
				RB3#2	22.11	21.11	33	PASS
				RB3#3	22.24	21.24	33	PASS
				RB6#0	21.15	20.15	33	PASS
		3	LCH	RB1#0	22.81	21.81	33	PASS
				RB1#7	21.97	20.97	33	PASS
				RB1#14	22.57	21.57	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.28	20.28	33	PASS
				RB8#4	21.26	20.26	33	PASS
				RB8#7	21.30	20.3	33	PASS
				RB15#0	21.35	20.35	33	PASS
			MCH	RB1#0	22.91	21.91	33	PASS
				RB1#7	22.52	21.52	33	PASS
				RB1#14	22.51	21.51	33	PASS
				RB8#0	21.25	20.25	33	PASS
				RB8#4	21.26	20.26	33	PASS
				RB8#7	21.21	20.21	33	PASS
				RB15#0	21.21	20.21	33	PASS
			HCH	RB1#0	22.50	21.5	33	PASS
				RB1#7	21.80	20.8	33	PASS
				RB1#14	22.41	21.41	33	PASS
				RB8#0	21.17	20.17	33	PASS
				RB8#4	21.14	20.14	33	PASS
				RB8#7	21.21	20.21	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5		RB15#0	21.18	20.18	33	PASS
				RB1#0	22.68	21.68	33	PASS
			LCH	RB1#13	22.70	21.7	33	PASS
				RB1#24	22.74	21.74	33	PASS
				RB12#0	21.54	20.54	33	PASS
				RB12#6	21.41	20.41	33	PASS
				RB12#13	21.47	20.47	33	PASS
				RB25#0	21.32	20.32	33	PASS
			MCH	RB1#0	22.54	21.54	33	PASS
				RB1#13	22.53	21.53	33	PASS
				RB1#24	22.56	21.56	33	PASS
				RB12#0	21.34	20.34	33	PASS
				RB12#6	21.21	20.21	33	PASS
				RB12#13	21.26	20.26	33	PASS
				RB25#0	21.24	20.24	33	PASS
			HCH	RB1#0	22.75	21.75	33	PASS
				RB1#13	22.71	21.71	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.72	21.72	33	PASS
				RB12#0	21.26	20.26	33	PASS
				RB12#6	21.15	20.15	33	PASS
				RB12#13	21.20	20.2	33	PASS
				RB25#0	21.18	20.18	33	PASS
		10	LCH	RB1#0	22.56	21.56	33	PASS
				RB1#25	22.42	21.42	33	PASS
				RB1#49	22.49	21.49	33	PASS
				RB25#0	21.34	20.34	33	PASS
				RB25#13	21.32	20.32	33	PASS
				RB25#25	21.26	20.26	33	PASS
				RB50#0	21.33	20.33	33	PASS
			MCH	RB1#0	22.50	21.5	33	PASS
				RB1#25	22.31	21.31	33	PASS
				RB1#49	22.62	21.62	33	PASS
				RB25#0	21.25	20.25	33	PASS
				RB25#13	21.29	20.29	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.28	20.28	33	PASS
				RB50#0	21.25	20.25	33	PASS
			HCH	RB1#0	22.37	21.37	33	PASS
				RB1#25	22.26	21.26	33	PASS
				RB1#49	22.58	21.58	33	PASS
				RB25#0	21.34	20.34	33	PASS
				RB25#13	21.23	20.23	33	PASS
				RB25#25	21.28	20.28	33	PASS
				RB50#0	21.29	20.29	33	PASS
		15	LCH	RB1#0	22.74	21.74	33	PASS
				RB1#38	22.66	21.66	33	PASS
				RB1#74	22.67	21.67	33	PASS
				RB38#0	21.41	20.41	33	PASS
				RB38#19	21.34	20.34	33	PASS
				RB38#39	21.28	20.28	33	PASS
				RB75#0	21.28	20.28	33	PASS
			MCH	RB1#0	22.63	21.63	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.77	21.77	33	PASS
				RB1#74	22.73	21.73	33	PASS
				RB38#0	21.34	20.34	33	PASS
				RB38#19	21.26	20.26	33	PASS
				RB38#39	21.38	20.38	33	PASS
				RB75#0	21.25	20.25	33	PASS
			HCH	RB1#0	22.41	21.41	33	PASS
				RB1#38	22.35	21.35	33	PASS
				RB1#74	22.41	21.41	33	PASS
				RB38#0	21.33	20.33	33	PASS
				RB38#19	21.33	20.33	33	PASS
				RB38#39	21.30	20.3	33	PASS
				RB75#0	21.25	20.25	33	PASS
		20	LCH	RB1#0	22.76	21.76	33	PASS
				RB1#50	22.26	21.26	33	PASS
				RB1#99	22.70	21.7	33	PASS
				RB50#0	21.41	20.41	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.23	20.23	33	PASS
				RB50#50	21.38	20.38	33	PASS
				RB100#0	21.32	20.32	33	PASS
			MCH	RB1#0	22.85	21.85	33	PASS
				RB1#50	22.49	21.49	33	PASS
				RB1#99	22.87	21.87	33	PASS
				RB50#0	21.29	20.29	33	PASS
				RB50#25	21.29	20.29	33	PASS
				RB50#50	21.27	20.27	33	PASS
				RB100#0	21.27	20.27	33	PASS
			HCH	RB1#0	22.76	21.76	33	PASS
				RB1#50	22.38	21.38	33	PASS
				RB1#99	22.59	21.59	33	PASS
				RB50#0	21.35	20.35	33	PASS
				RB50#25	21.30	20.3	33	PASS
				RB50#50	21.33	20.33	33	PASS
				RB100#0	21.30	20.3	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,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP = Signal Generator Level

Note2:

$$\text{SET Span} = 1.5 * \text{OBW}$$

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed } 1\text{MHz}$$

$$\text{SET VBW} \geq 3 * \text{RBW}$$

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
Band2	LTE/TM1	1.4	LCH	RB1#0	3.67	13	PASS
				RB1#3	4.01	13	PASS
				RB1#5	3.51	13	PASS
				RB3#0	4.07	13	PASS
				RB3#2	4.11	13	PASS
				RB3#3	4.14	13	PASS
				RB6#0	5.28	13	PASS
			MCH	RB1#0	3.96	13	PASS
				RB1#3	4.13	13	PASS
				RB1#5	4.06	13	PASS
				RB3#0	4.32	13	PASS
				RB3#2	4.56	13	PASS
				RB3#3	4.45	13	PASS
				RB6#0	5.38	13	PASS
			HCH	RB1#0	3.31	13	PASS
				RB1#3	3.27	13	PASS
				RB1#5	2.98	13	PASS
				RB3#0	3.87	13	PASS
				RB3#2	3.66	13	PASS
				RB3#3	3.68	13	PASS
				RB6#0	4.97	13	PASS
		3	LCH	RB1#0	3.46	13	PASS
				RB1#7	3.88	13	PASS
				RB1#14	3.45	13	PASS
				RB8#0	4.96	13	PASS
				RB8#4	4.92	13	PASS
				RB8#7	5.00	13	PASS
				RB15#0	5.39	13	PASS
			MCH	RB1#0	3.94	13	PASS
				RB1#7	4.04	13	PASS
				RB1#14	3.96	13	PASS
				RB8#0	5.41	13	PASS
				RB8#4	5.22	13	PASS
				RB8#7	5.40	13	PASS
				RB15#0	5.45	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	3.66	13	PASS
				RB1#7	3.75	13	PASS
				RB1#14	3.55	13	PASS
				RB8#0	4.99	13	PASS
				RB8#4	4.77	13	PASS
				RB8#7	4.81	13	PASS
				RB15#0	5.47	13	PASS
		5	LCH	RB1#0	3.85	13	PASS
				RB1#13	3.55	13	PASS
				RB1#24	3.62	13	PASS
				RB12#0	4.79	13	PASS
				RB12#6	4.71	13	PASS
				RB12#13	4.80	13	PASS
				RB25#0	5.49	13	PASS
			MCH	RB1#0	4.04	13	PASS
				RB1#13	4.00	13	PASS
				RB1#24	4.08	13	PASS
				RB12#0	5.09	13	PASS
				RB12#6	5.03	13	PASS
				RB12#13	5.57	13	PASS
				RB25#0	5.70	13	PASS
			HCH	RB1#0	3.75	13	PASS
				RB1#13	3.45	13	PASS
				RB1#24	3.22	13	PASS
				RB12#0	5.09	13	PASS
				RB12#6	4.85	13	PASS
				RB12#13	4.81	13	PASS
				RB25#0	5.51	13	PASS
		10	LCH	RB1#0	3.58	13	PASS
				RB1#25	3.71	13	PASS
				RB1#49	3.74	13	PASS
				RB25#0	5.03	13	PASS
				RB25#13	4.93	13	PASS
				RB25#25	5.16	13	PASS
				RB50#0	5.51	13	PASS
			MCH	RB1#0	3.98	13	PASS
				RB1#25	4.14	13	PASS
				RB1#49	4.02	13	PASS
				RB25#0	5.20	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.22	13	PASS
				RB25#25	5.30	13	PASS
				RB50#0	5.73	13	PASS
			HCH	RB1#0	3.74	13	PASS
				RB1#25	3.84	13	PASS
				RB1#49	3.46	13	PASS
				RB25#0	5.12	13	PASS
				RB25#13	5.15	13	PASS
				RB25#25	5.09	13	PASS
				RB50#0	5.76	13	PASS
		15	LCH	RB1#0	3.90	13	PASS
				RB1#38	3.63	13	PASS
				RB1#74	3.90	13	PASS
				RB38#0	5.12	13	PASS
				RB38#19	5.07	13	PASS
				RB38#39	5.31	13	PASS
				RB75#0	5.80	13	PASS
			MCH	RB1#0	3.99	13	PASS
				RB1#38	3.96	13	PASS
				RB1#74	3.98	13	PASS
				RB38#0	5.42	13	PASS
				RB38#19	5.34	13	PASS
				RB38#39	5.41	13	PASS
				RB75#0	5.89	13	PASS
			HCH	RB1#0	4.06	13	PASS
				RB1#38	4.03	13	PASS
				RB1#74	3.76	13	PASS
				RB38#0	5.39	13	PASS
				RB38#19	5.15	13	PASS
				RB38#39	5.34	13	PASS
				RB75#0	5.87	13	PASS
		20	LCH	RB1#0	3.76	13	PASS
				RB1#50	4.19	13	PASS
				RB1#99	4.05	13	PASS
				RB50#0	5.37	13	PASS
				RB50#25	5.45	13	PASS
				RB50#50	5.62	13	PASS
				RB100#0	5.91	13	PASS
			MCH	RB1#0	4.13	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	4.30	13	PASS
				RB1#99	4.18	13	PASS
				RB50#0	5.69	13	PASS
				RB50#25	5.68	13	PASS
				RB50#50	5.77	13	PASS
				RB100#0	6.13	13	PASS
			HCH	RB1#0	3.90	13	PASS
				RB1#50	3.95	13	PASS
				RB1#99	3.50	13	PASS
				RB50#0	5.68	13	PASS
				RB50#25	5.54	13	PASS
				RB50#50	5.52	13	PASS
				RB100#0	5.98	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.88	13	PASS
				RB1#3	4.69	13	PASS
				RB1#5	4.48	13	PASS
				RB3#0	5.04	13	PASS
				RB3#2	5.00	13	PASS
				RB3#3	5.17	13	PASS
				RB6#0	5.99	13	PASS
			MCH	RB1#0	5.02	13	PASS
				RB1#3	5.01	13	PASS
				RB1#5	4.90	13	PASS
				RB3#0	5.44	13	PASS
				RB3#2	5.72	13	PASS
				RB3#3	5.26	13	PASS
				RB6#0	6.38	13	PASS
		3	HCH	RB1#0	4.24	13	PASS
				RB1#3	4.76	13	PASS
				RB1#5	3.98	13	PASS
				RB3#0	4.93	13	PASS
				RB3#2	4.94	13	PASS
				RB3#3	4.74	13	PASS
				RB6#0	6.04	13	PASS
			LCH	RB1#0	4.20	13	PASS
				RB1#7	4.49	13	PASS
				RB1#14	4.31	13	PASS
				RB8#0	5.83	13	PASS
				RB8#4	5.63	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.79	13	PASS
				RB15#0	6.08	13	PASS
			MCH	RB1#0	4.61	13	PASS
				RB1#7	5.07	13	PASS
				RB1#14	4.66	13	PASS
				RB8#0	6.09	13	PASS
				RB8#4	5.88	13	PASS
				RB8#7	6.03	13	PASS
				RB15#0	6.18	13	PASS
			HCH	RB1#0	4.50	13	PASS
				RB1#7	4.60	13	PASS
				RB1#14	4.20	13	PASS
				RB8#0	5.87	13	PASS
				RB8#4	5.70	13	PASS
				RB8#7	5.78	13	PASS
				RB15#0	6.25	13	PASS
		5	LCH	RB1#0	4.28	13	PASS
				RB1#13	4.05	13	PASS
				RB1#24	4.14	13	PASS
				RB12#0	5.65	13	PASS
				RB12#6	5.59	13	PASS
				RB12#13	5.69	13	PASS
				RB25#0	6.20	13	PASS
			MCH	RB1#0	4.90	13	PASS
				RB1#13	4.87	13	PASS
				RB1#24	4.93	13	PASS
				RB12#0	6.31	13	PASS
				RB12#6	6.12	13	PASS
				RB12#13	6.34	13	PASS
				RB25#0	6.38	13	PASS
			HCH	RB1#0	4.47	13	PASS
				RB1#13	4.35	13	PASS
				RB1#24	4.05	13	PASS
				RB12#0	6.21	13	PASS
				RB12#6	5.97	13	PASS
				RB12#13	5.75	13	PASS
				RB25#0	6.39	13	PASS
		10	LCH	RB1#0	4.26	13	PASS
				RB1#25	4.54	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.45	13	PASS
				RB25#0	5.98	13	PASS
				RB25#13	5.93	13	PASS
				RB25#25	6.09	13	PASS
				RB50#0	6.61	13	PASS
			MCH	RB1#0	4.97	13	PASS
				RB1#25	5.19	13	PASS
				RB1#49	4.99	13	PASS
				RB25#0	6.15	13	PASS
				RB25#13	6.06	13	PASS
				RB25#25	6.21	13	PASS
				RB50#0	6.65	13	PASS
			HCH	RB1#0	4.78	13	PASS
				RB1#25	4.83	13	PASS
				RB1#49	4.31	13	PASS
				RB25#0	5.97	13	PASS
				RB25#13	6.12	13	PASS
				RB25#25	6.04	13	PASS
				RB50#0	6.56	13	PASS
		15	LCH	RB1#0	4.50	13	PASS
				RB1#38	4.49	13	PASS
				RB1#74	4.79	13	PASS
				RB38#0	6.02	13	PASS
				RB38#19	5.97	13	PASS
				RB38#39	6.17	13	PASS
				RB75#0	6.61	13	PASS
			MCH	RB1#0	5.08	13	PASS
				RB1#38	4.98	13	PASS
				RB1#74	4.98	13	PASS
				RB38#0	6.36	13	PASS
				RB38#19	6.17	13	PASS
				RB38#39	6.34	13	PASS
				RB75#0	6.90	13	PASS
			HCH	RB1#0	4.88	13	PASS
				RB1#38	4.85	13	PASS
				RB1#74	4.37	13	PASS
				RB38#0	6.12	13	PASS
				RB38#19	5.88	13	PASS
				RB38#39	6.26	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	6.58	13	PASS
		20	LCH	RB1#0	4.41	13	PASS
				RB1#50	4.76	13	PASS
				RB1#99	4.80	13	PASS
				RB50#0	6.36	13	PASS
				RB50#25	6.40	13	PASS
				RB50#50	6.64	13	PASS
				RB100#0	6.79	13	PASS
			MCH	RB1#0	4.82	13	PASS
				RB1#50	4.97	13	PASS
				RB1#99	4.90	13	PASS
				RB50#0	6.66	13	PASS
				RB50#25	6.60	13	PASS
				RB50#50	6.69	13	PASS
				RB100#0	7.27	13	PASS
			HCH	RB1#0	4.88	13	PASS
				RB1#50	4.95	13	PASS
				RB1#99	4.26	13	PASS
				RB50#0	6.63	13	PASS
				RB50#25	6.48	13	PASS
				RB50#50	6.42	13	PASS
				RB100#0	6.80	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

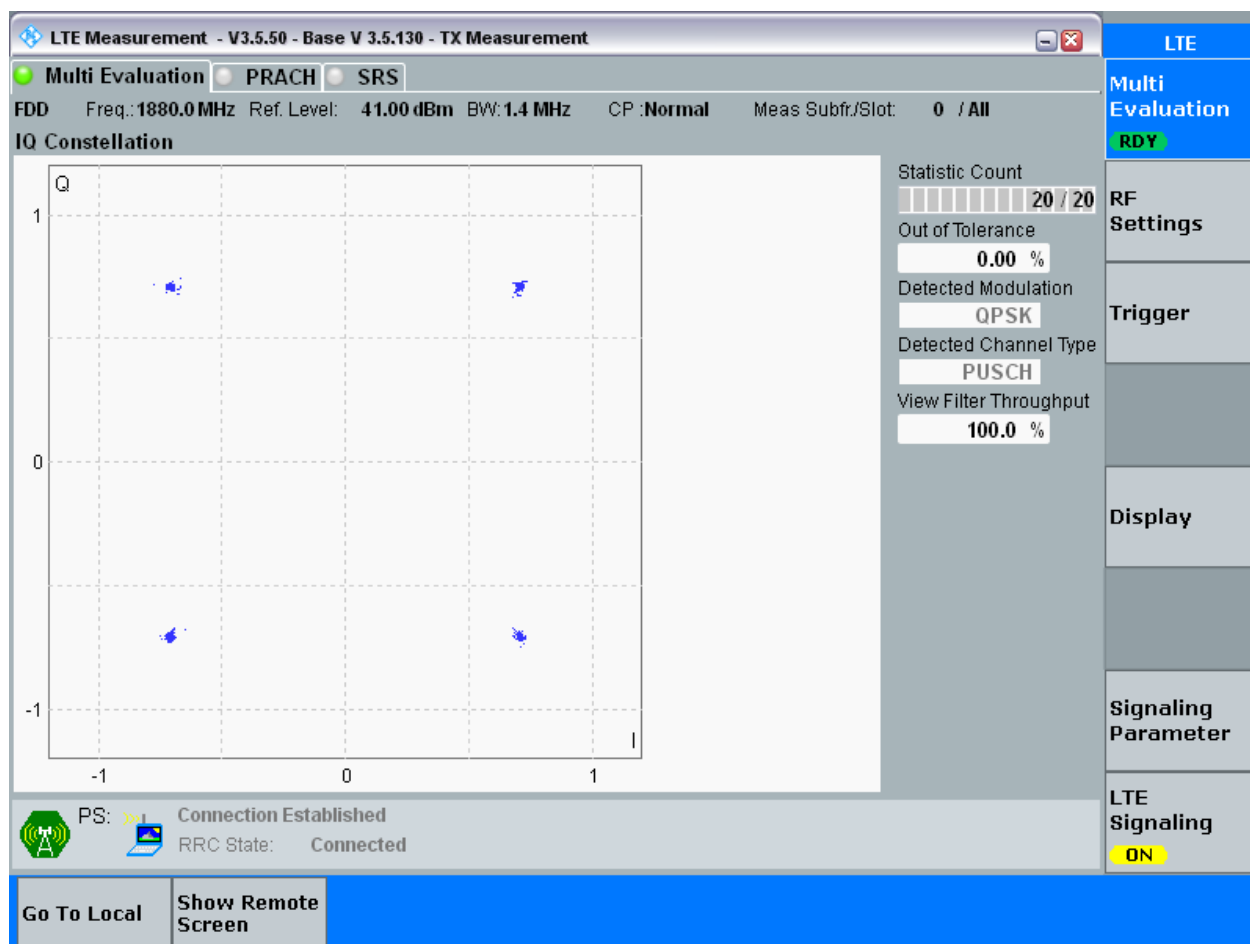
3.1.1 Test Band = Band2

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

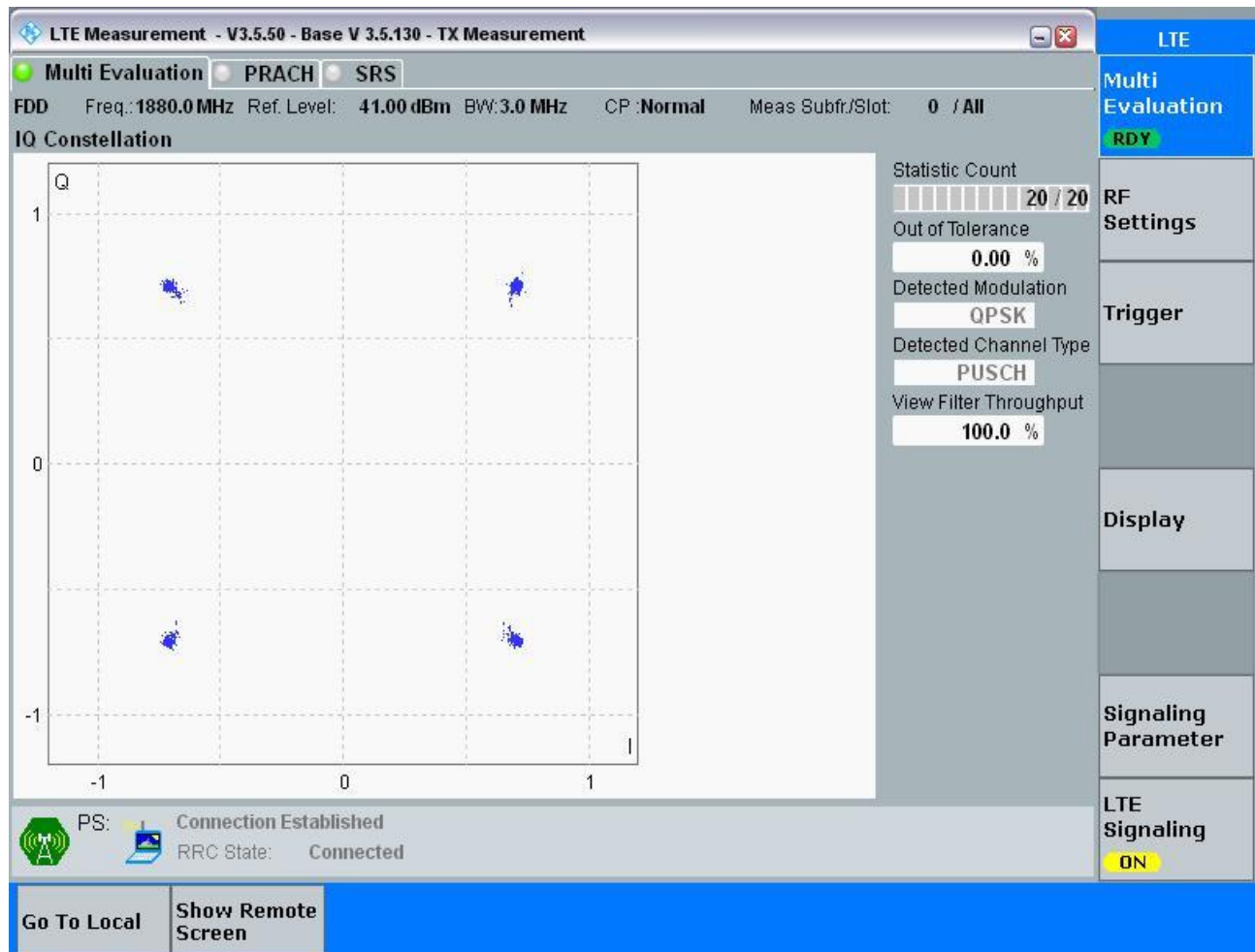
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

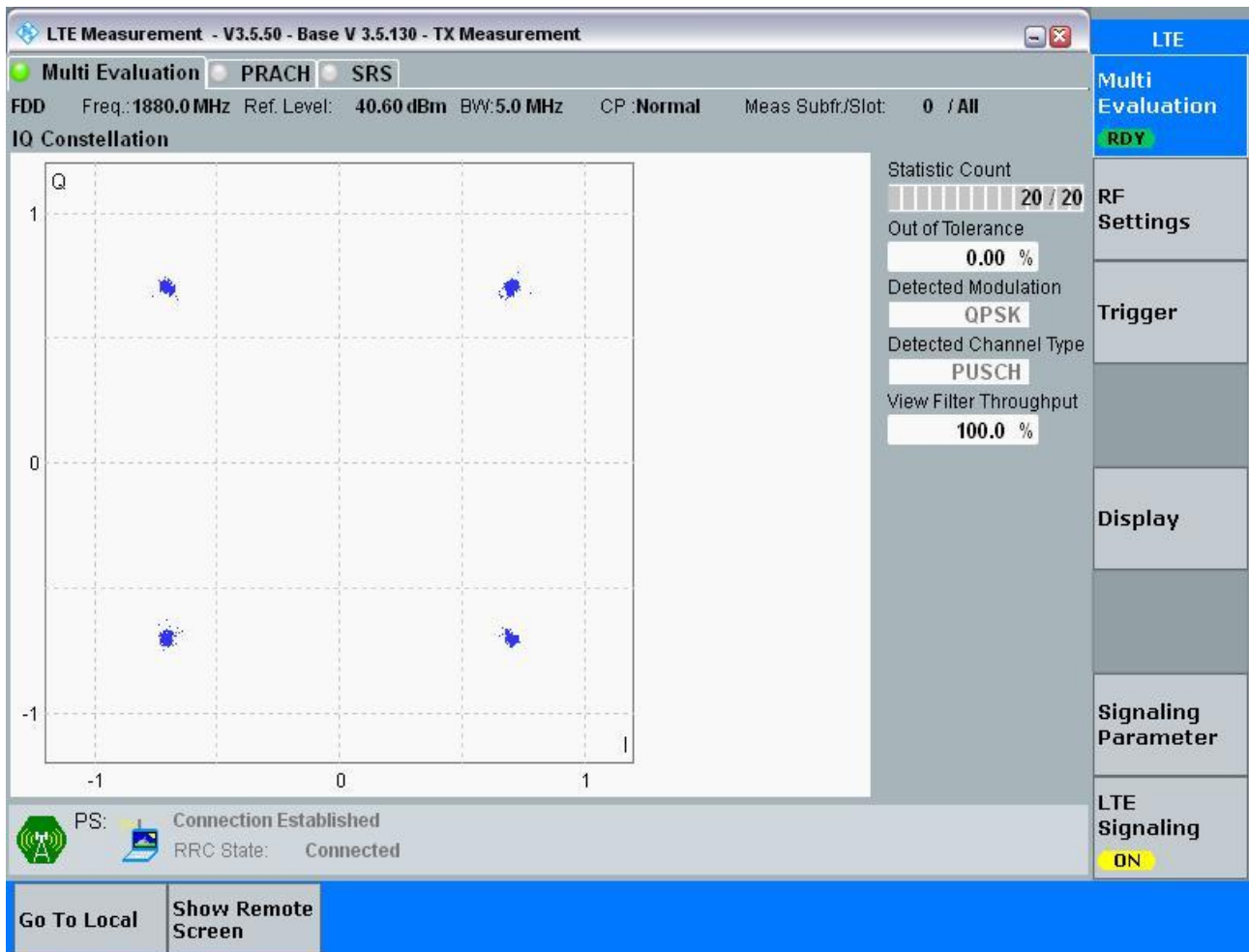
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

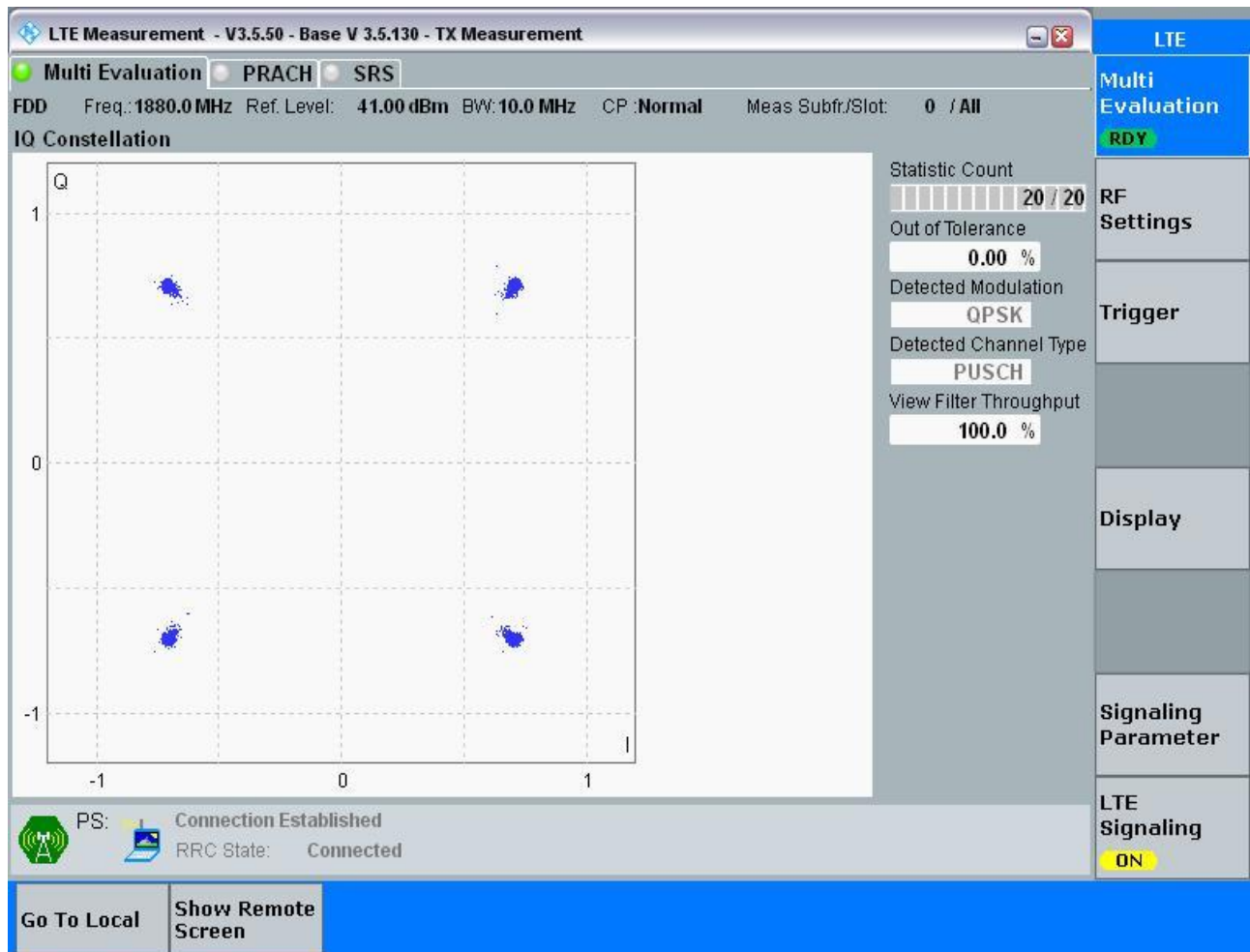
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

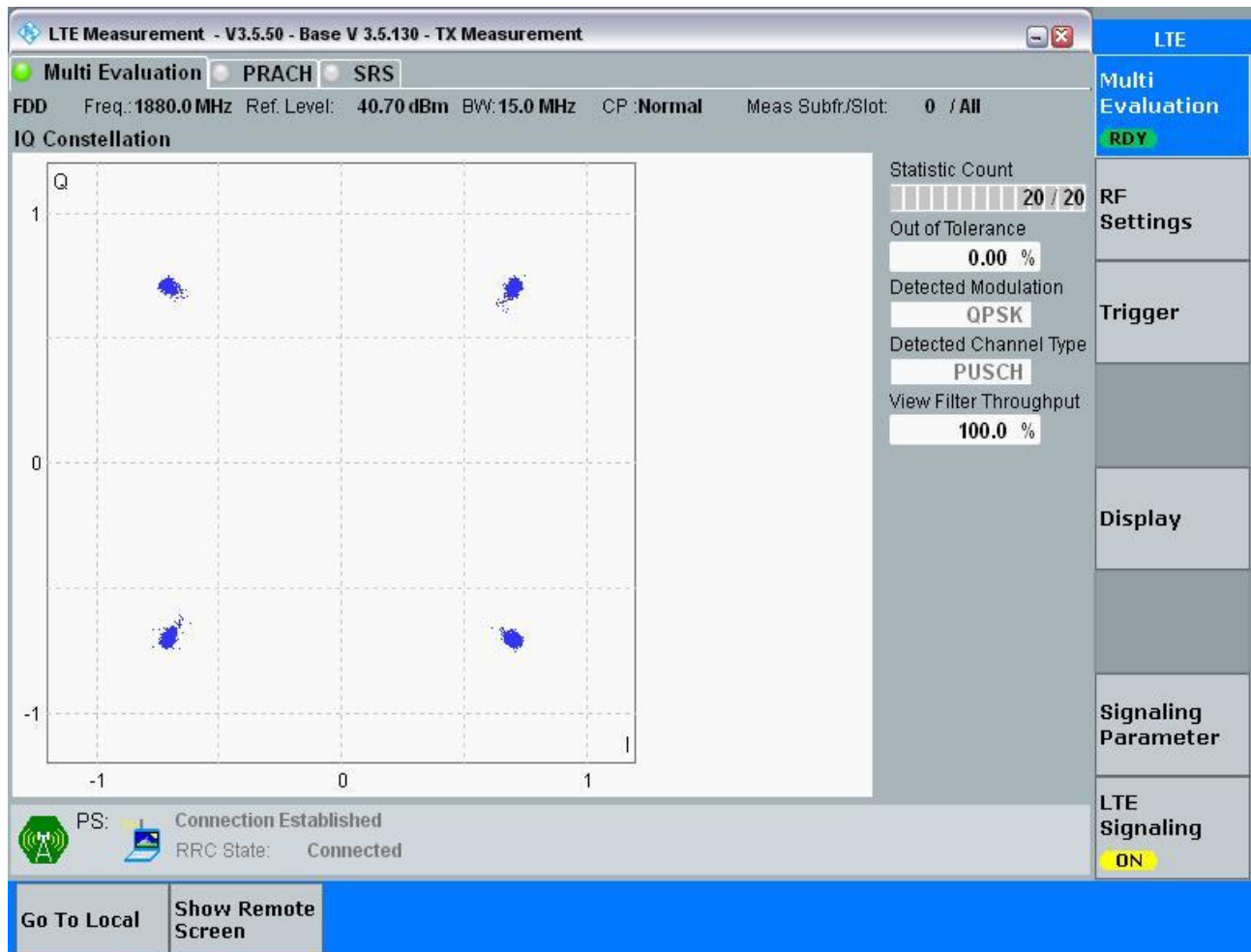
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

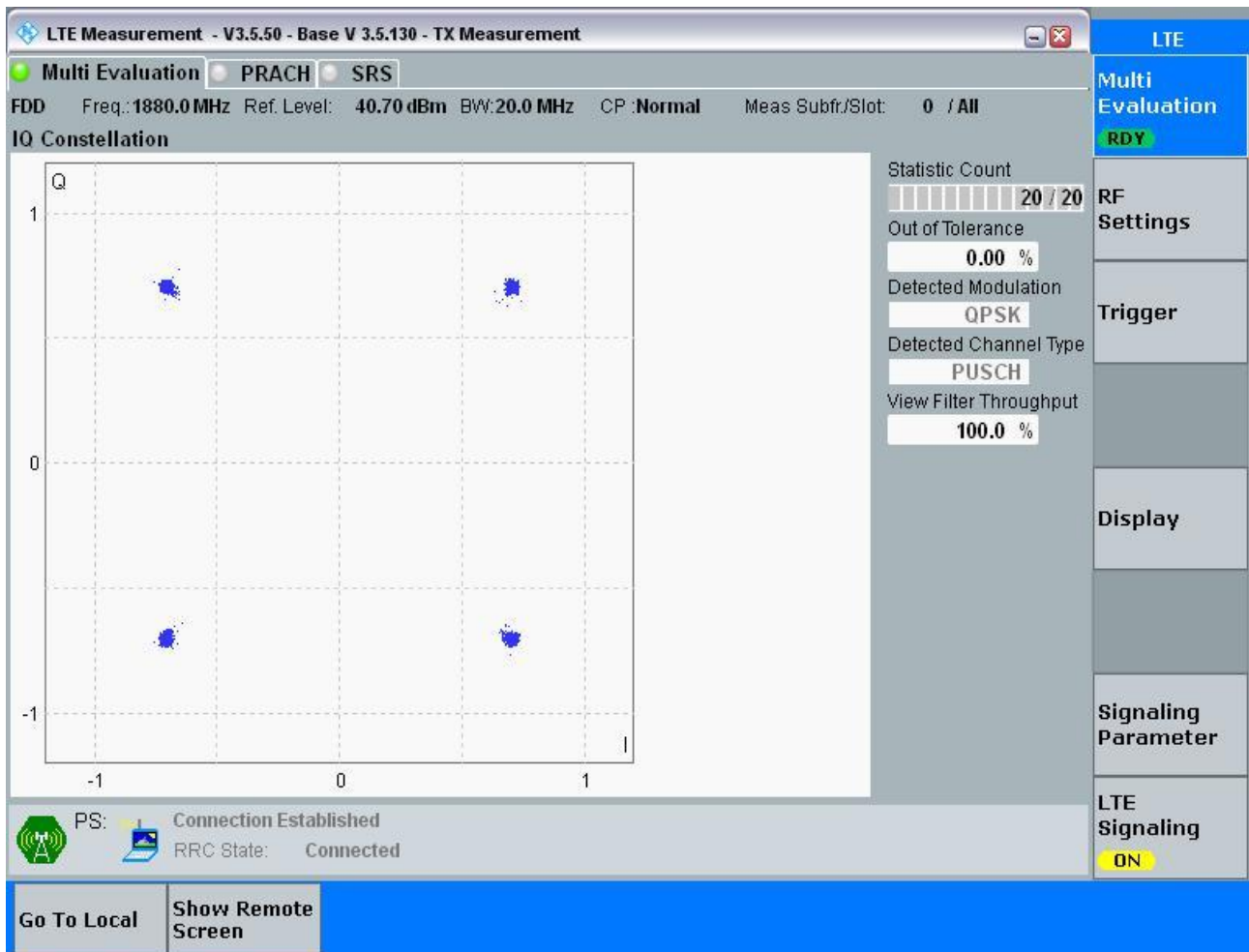
3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0

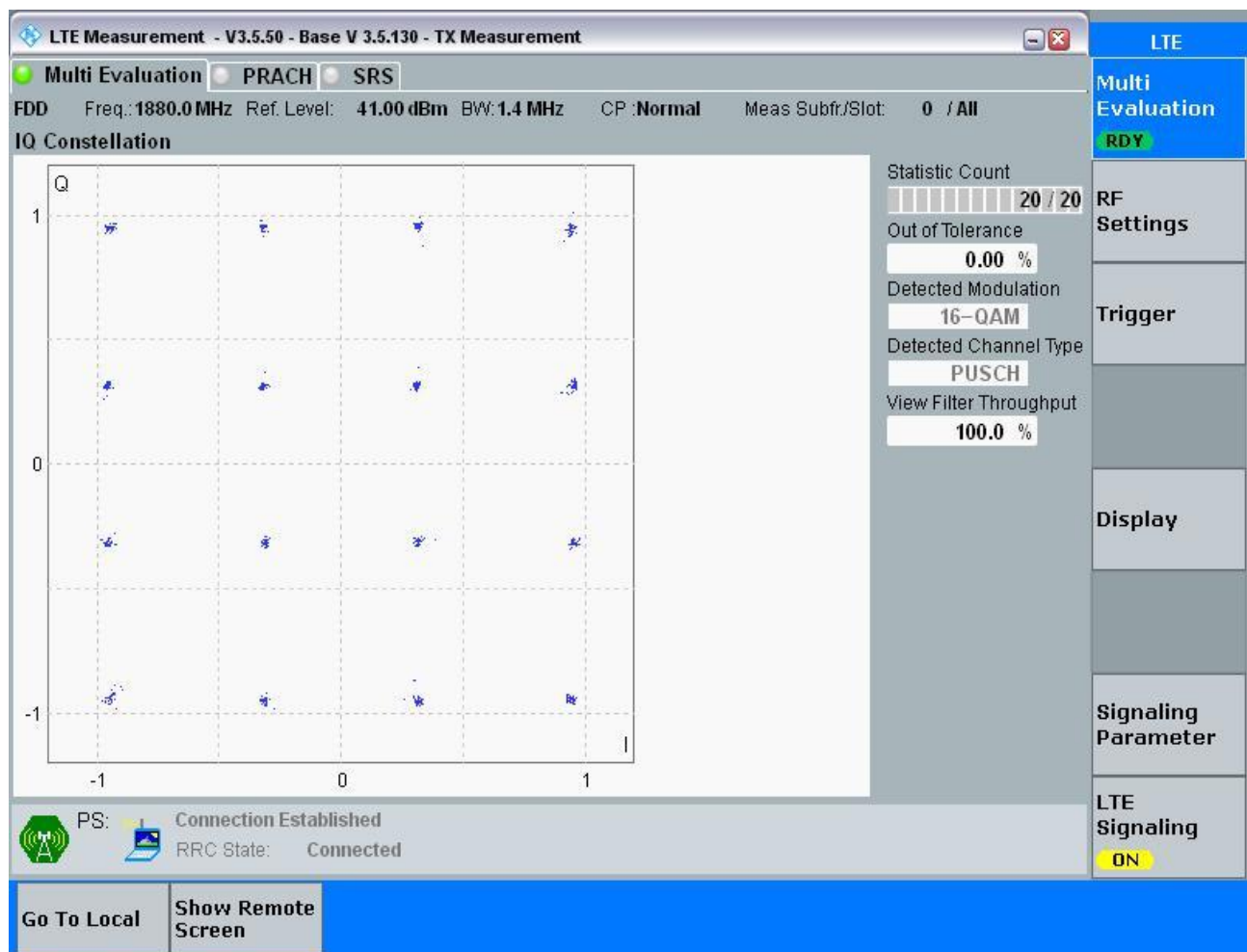


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

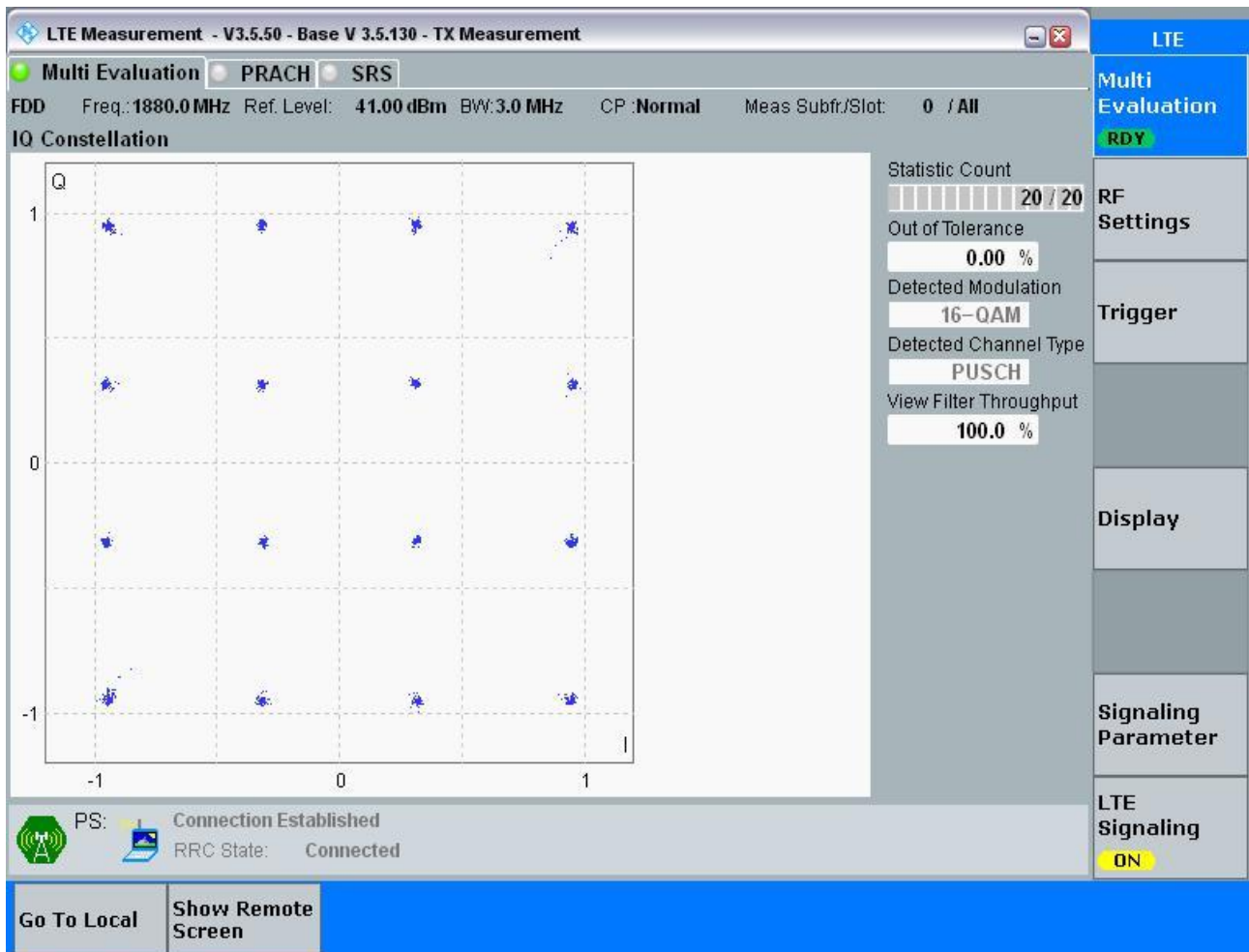
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

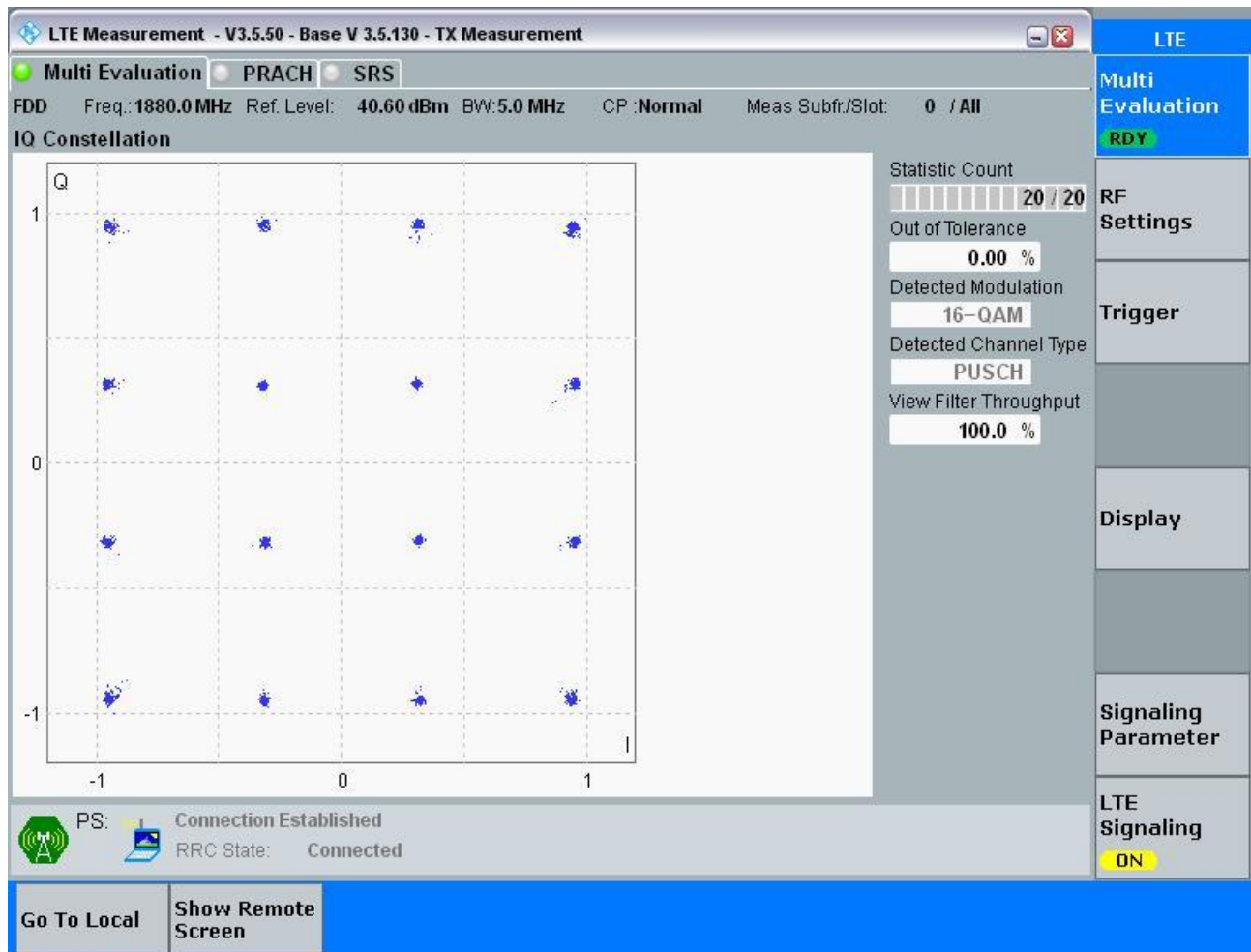
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

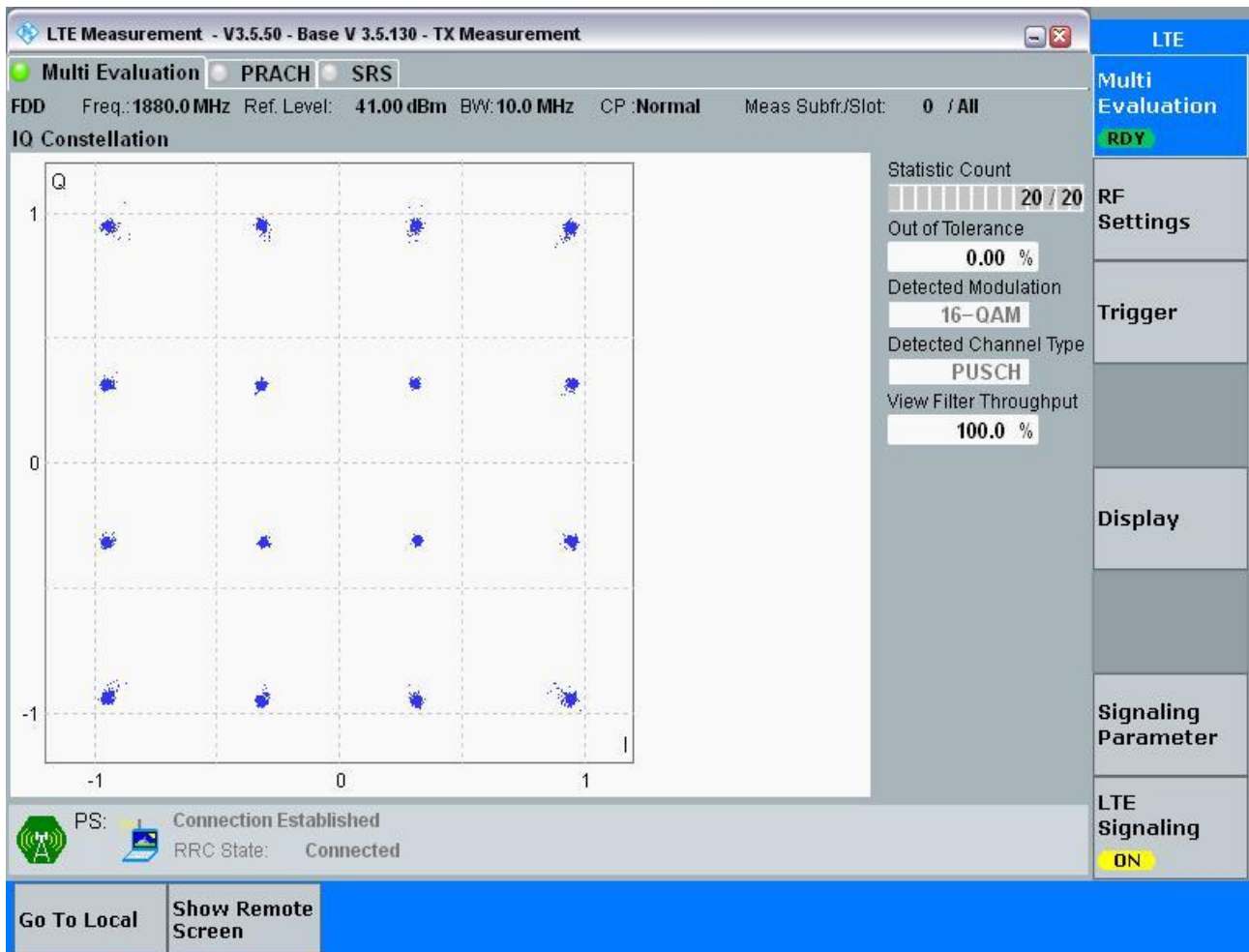
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

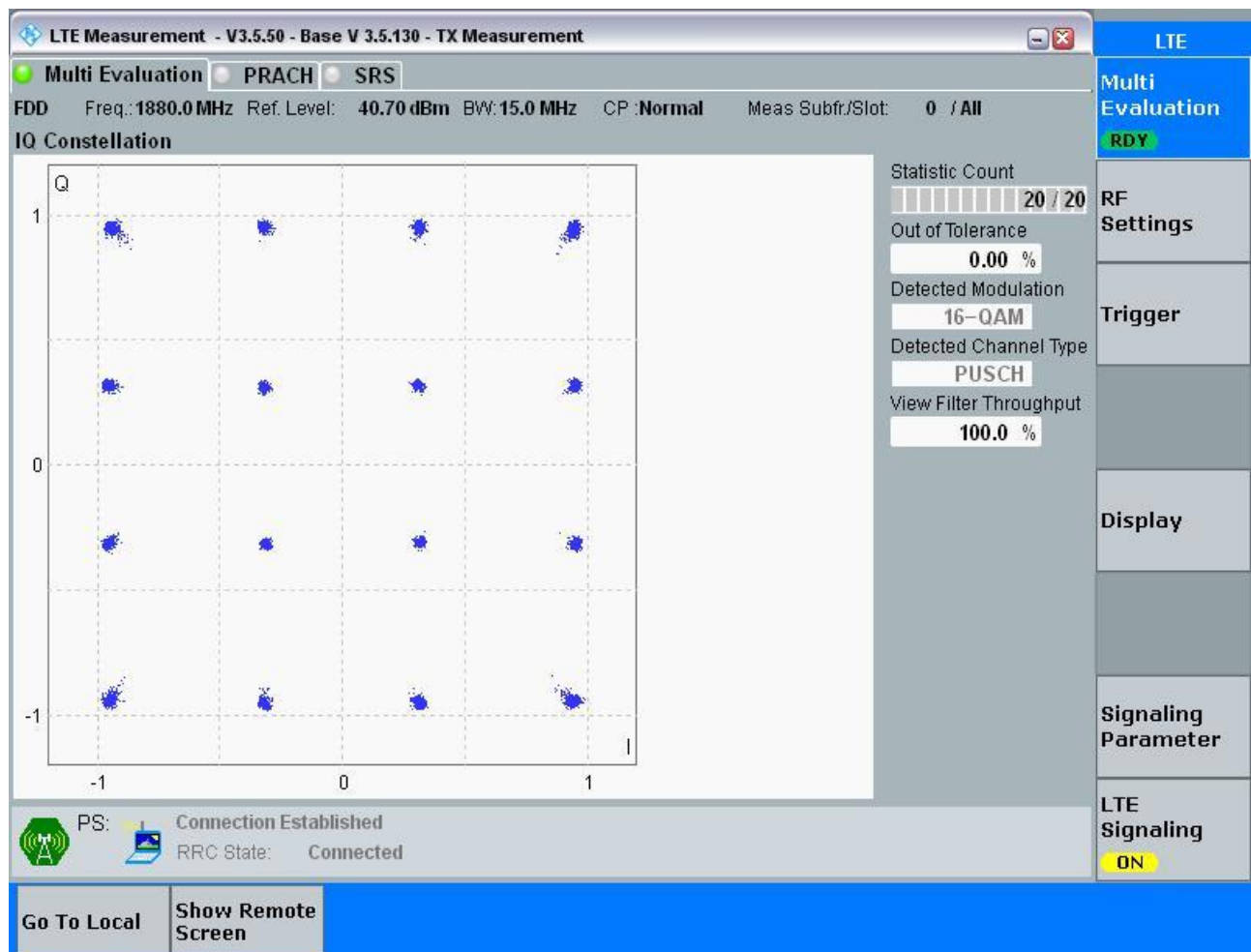
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

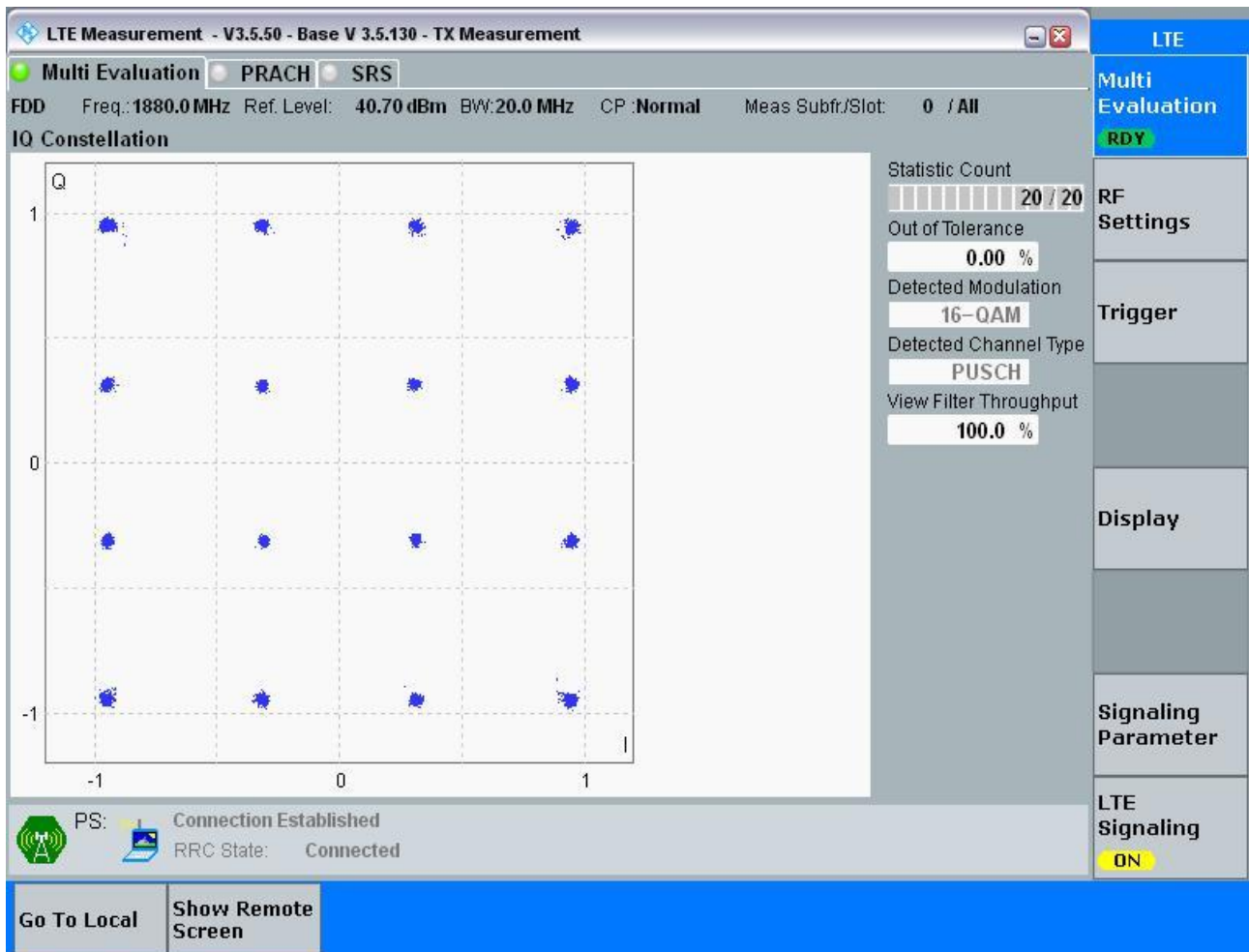
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 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
Band2	LTE/TM1	1.4	LCH	RB6#0	1.09	1.25	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.53	4.97	Pass
			HCH	RB25#0	4.51	5.00	Pass
		10	LCH	RB50#0	9.02	9.89	Pass
			MCH	RB50#0	8.99	9.86	Pass
			HCH	RB50#0	9.00	9.88	Pass
		15	LCH	RB75#0	13.50	14.90	Pass
			MCH	RB75#0	13.51	14.96	Pass
			HCH	RB75#0	13.48	14.91	Pass
		20	LCH	RB100#0	17.99	19.67	Pass
			MCH	RB100#0	18.00	19.73	Pass
			HCH	RB100#0	17.95	19.66	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.53	4.99	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	5.00	Pass
		10	LCH	RB50#0	9.01	9.94	Pass
			MCH	RB50#0	8.98	9.88	Pass
			HCH	RB50#0	9.02	9.90	Pass
		15	LCH	RB75#0	13.51	14.94	Pass
			MCH	RB75#0	13.51	14.83	Pass
			HCH	RB75#0	13.50	15.00	Pass
		20	LCH	RB100#0	18.01	19.69	Pass
			MCH	RB100#0	18.00	19.80	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	18.01	19.68	Pass

Part II - Test Plots

4.1 For LTE

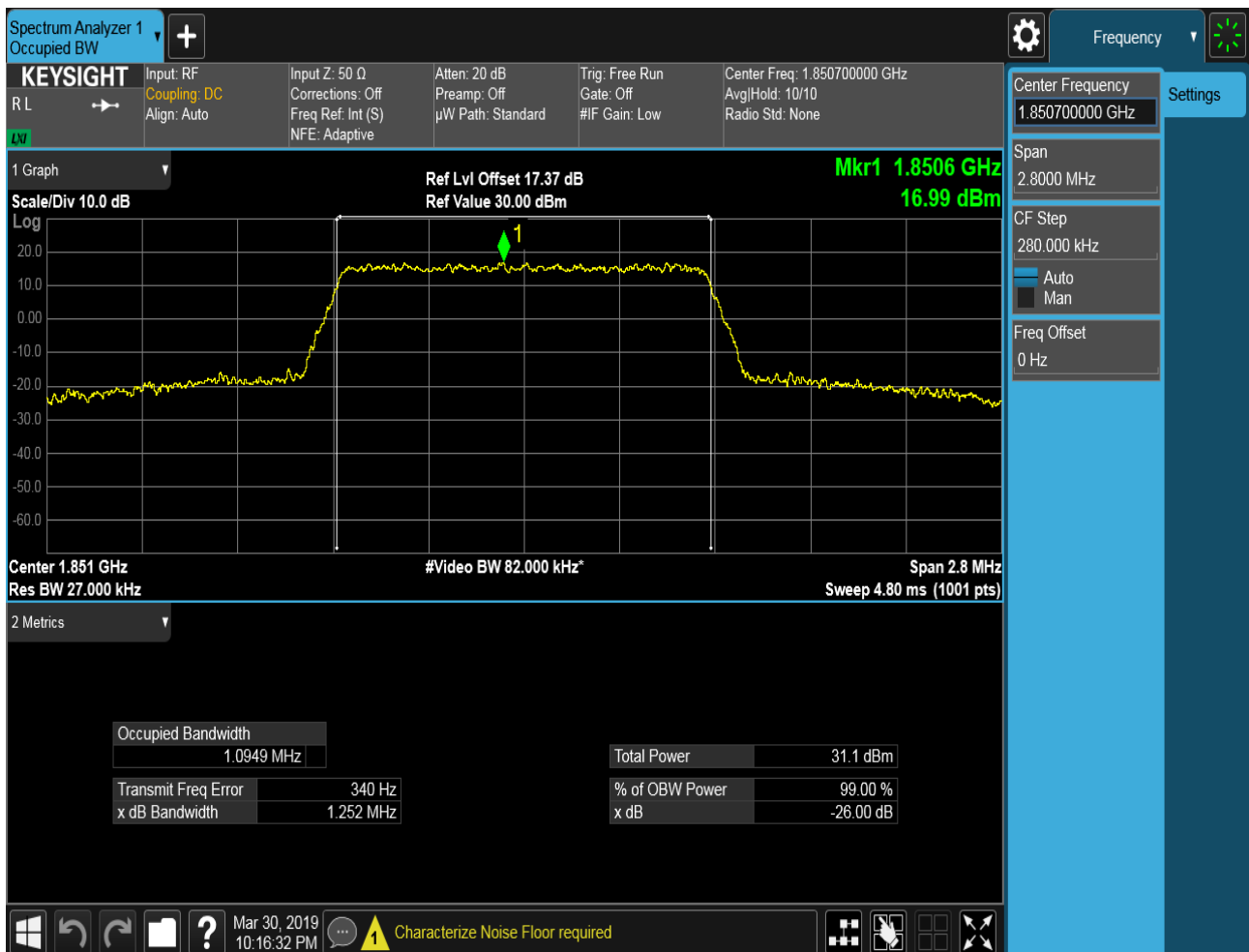
4.1.1 Test Band = Band2

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

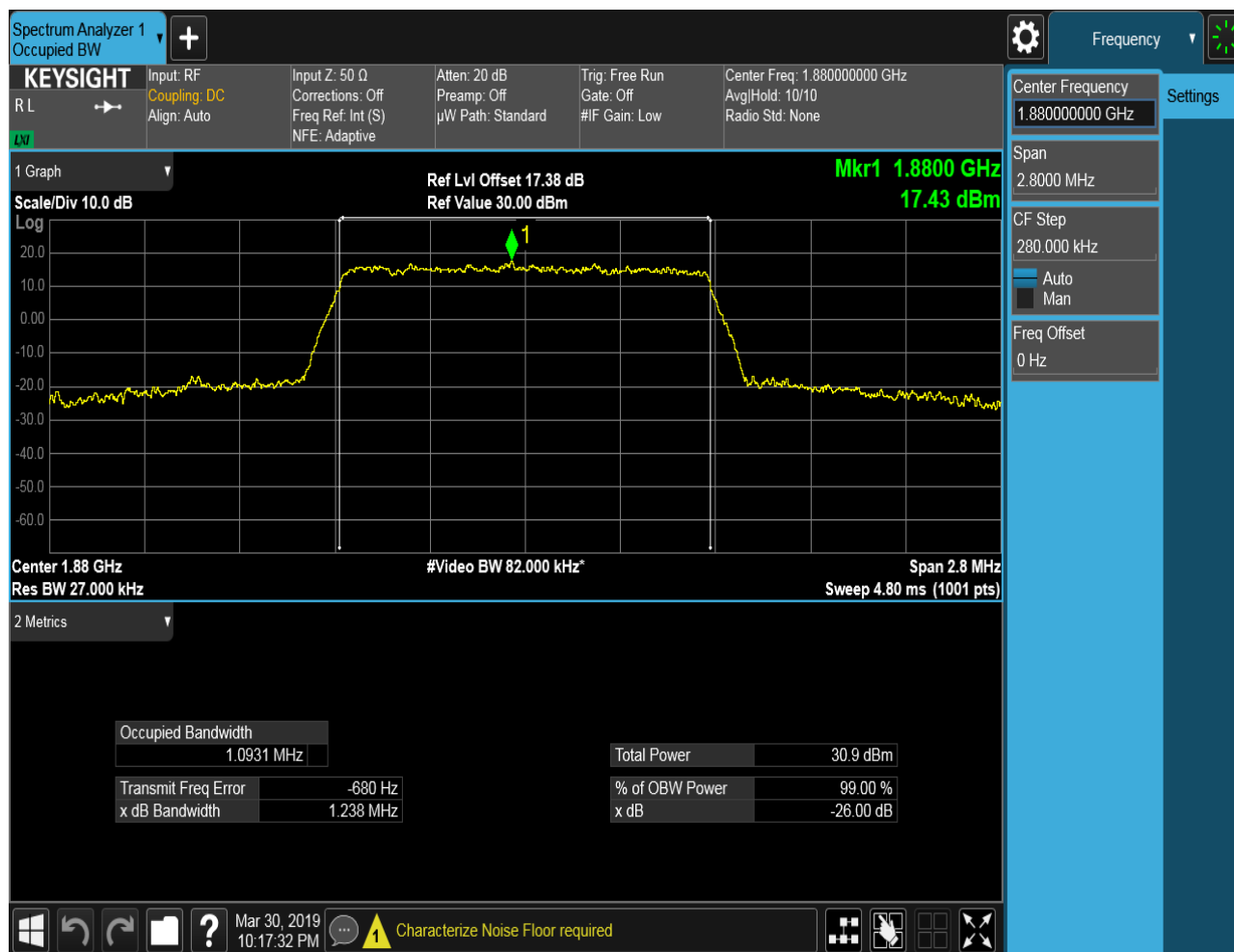
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



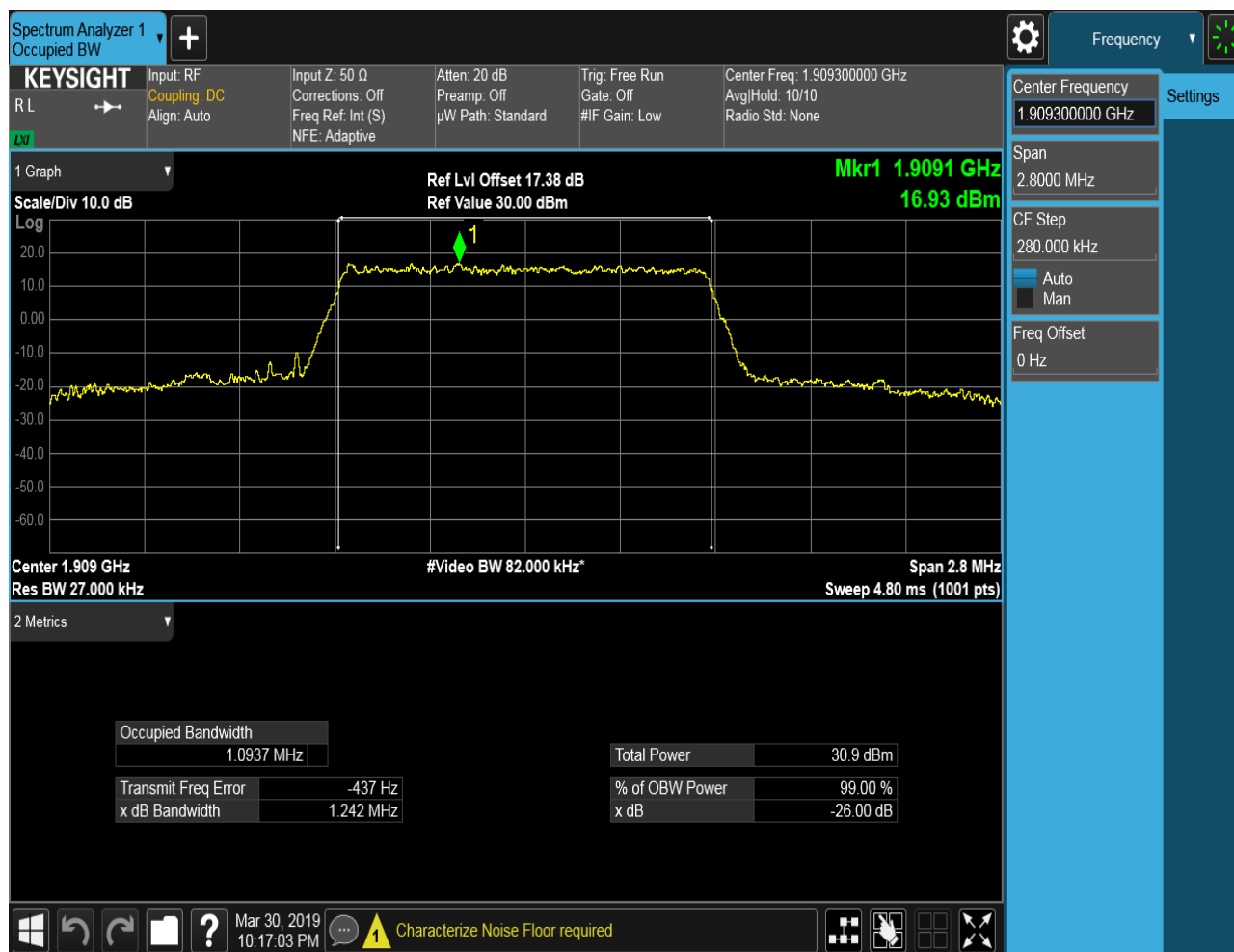
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

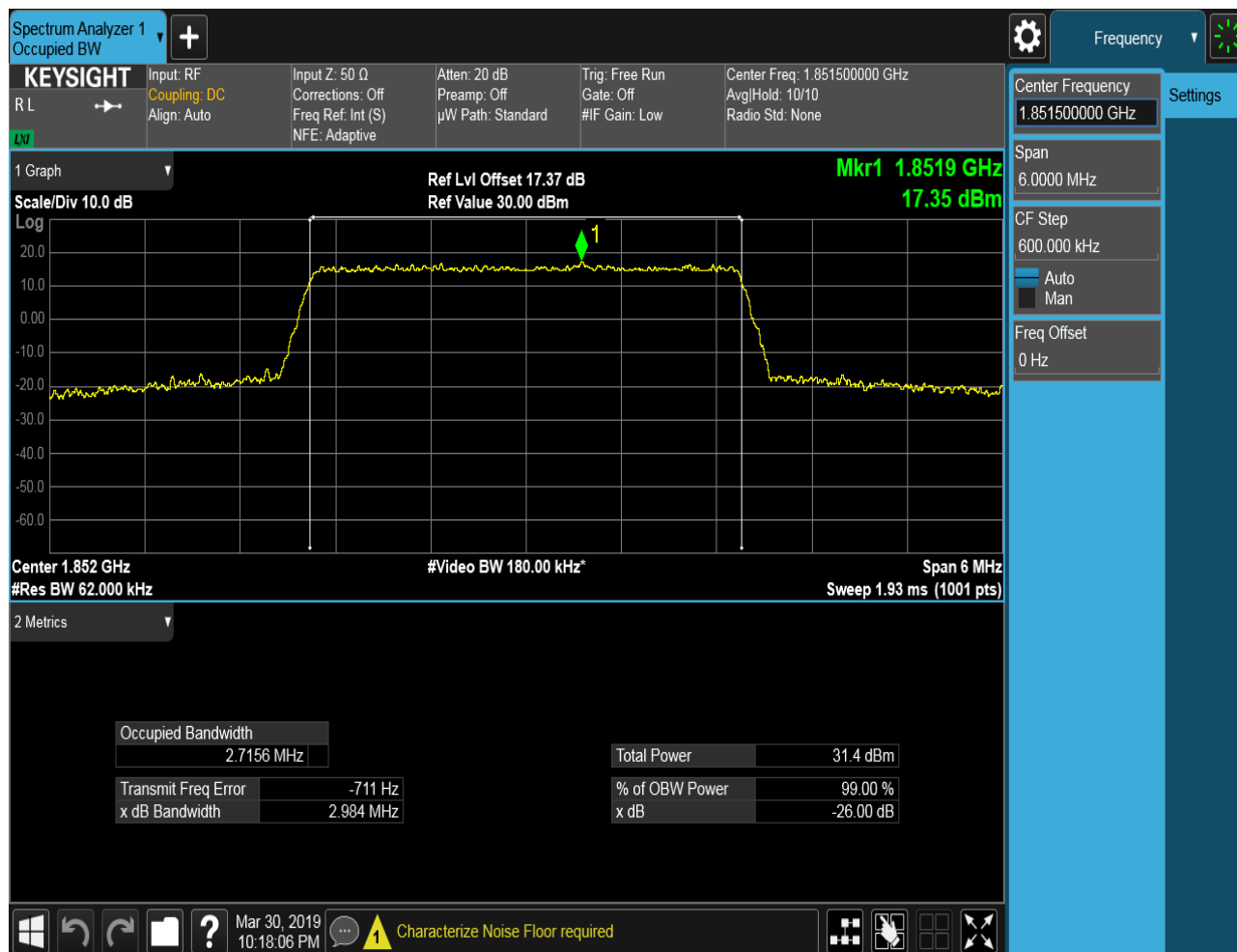
4.1.1.1.1.3.1 Test RB = RB6#0



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



4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

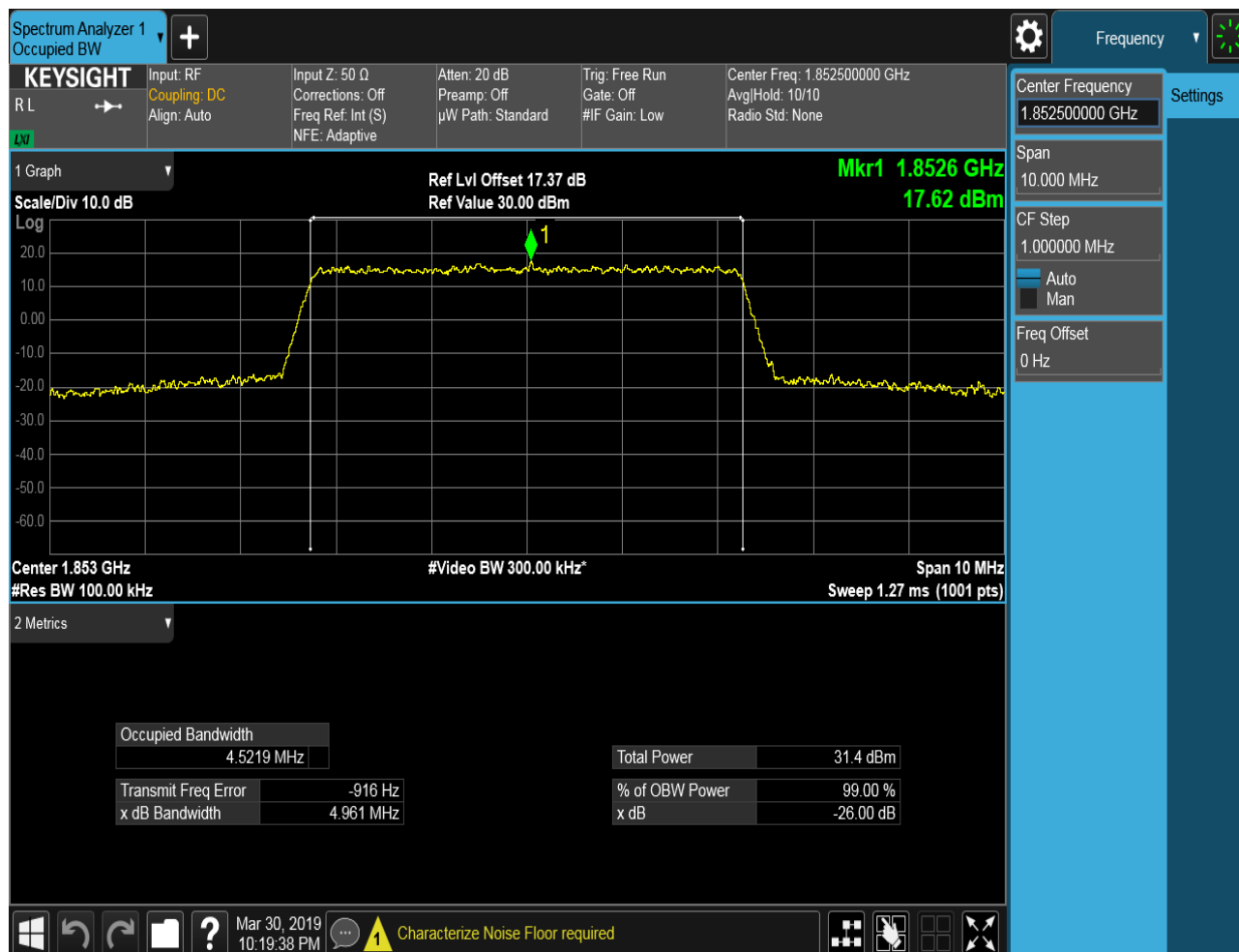
4.1.1.1.2.3.1 Test RB = RB15#0



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



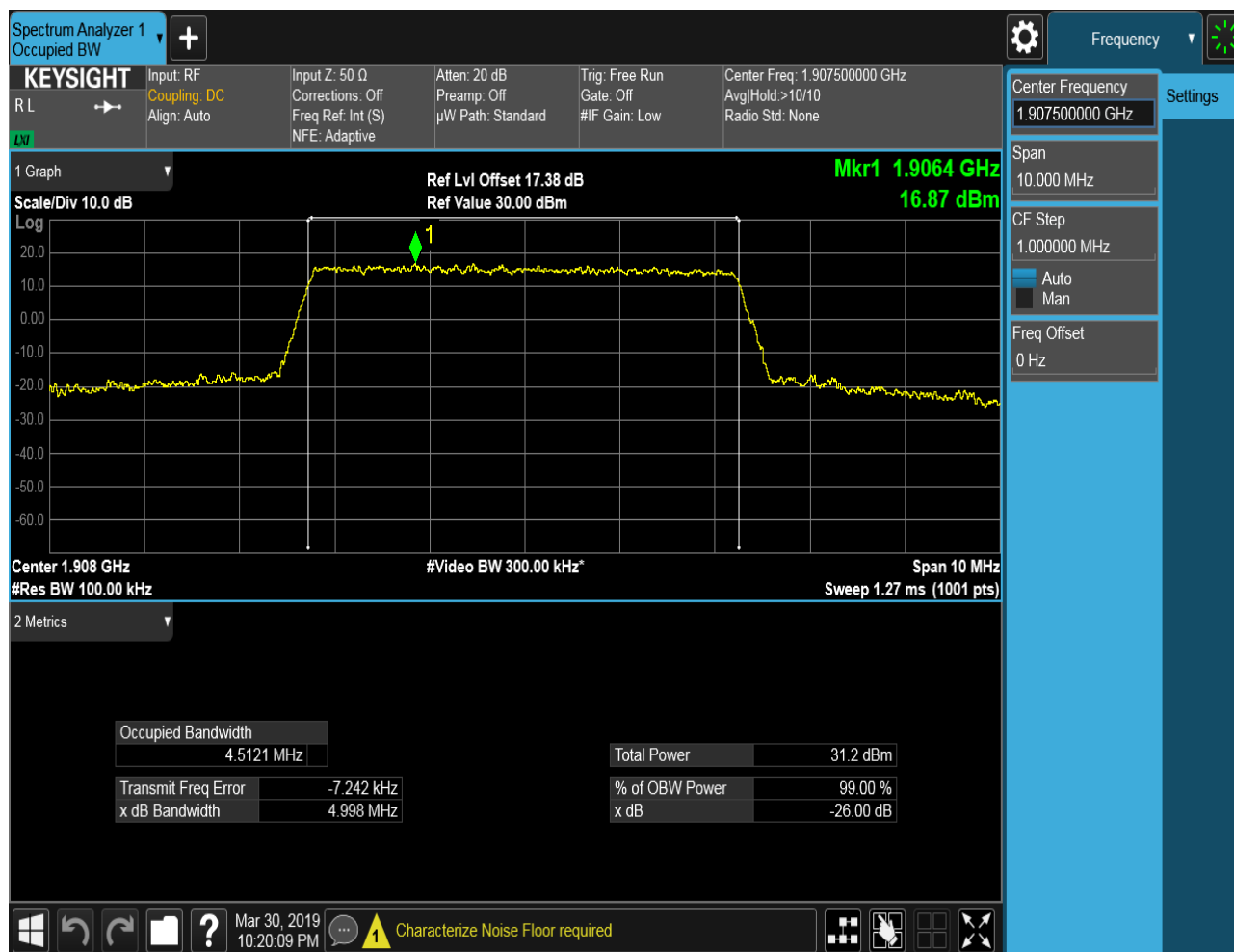
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0



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



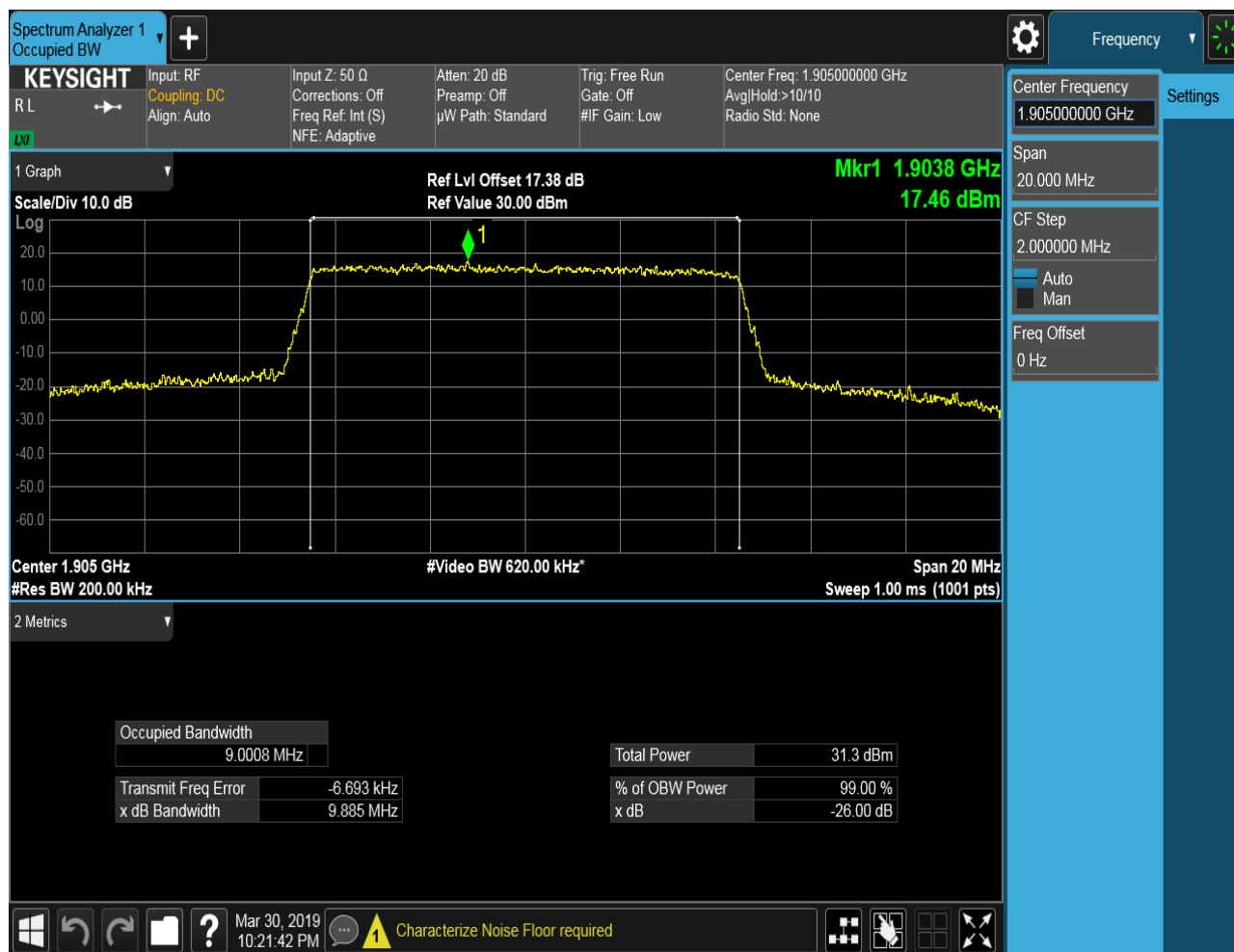
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

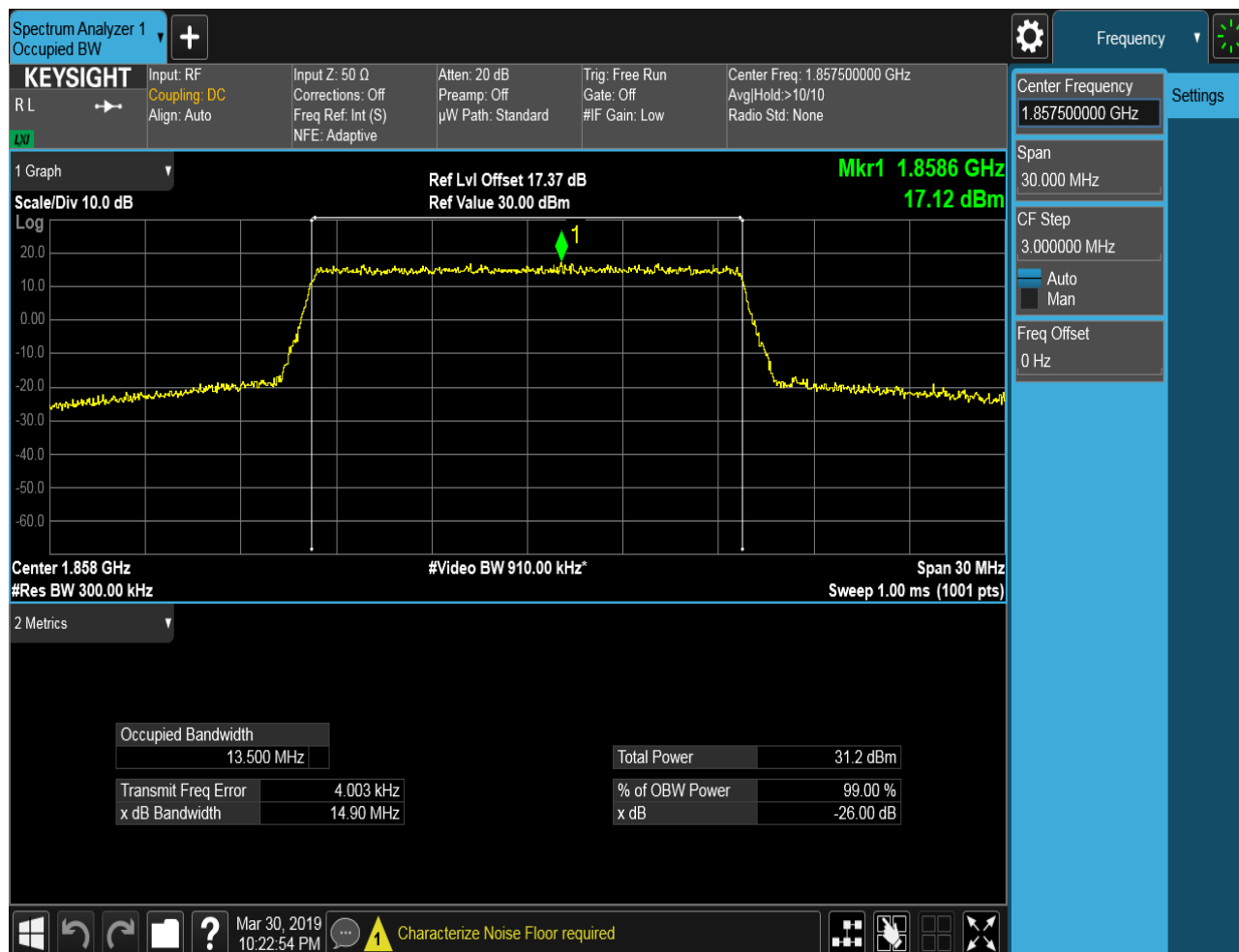
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

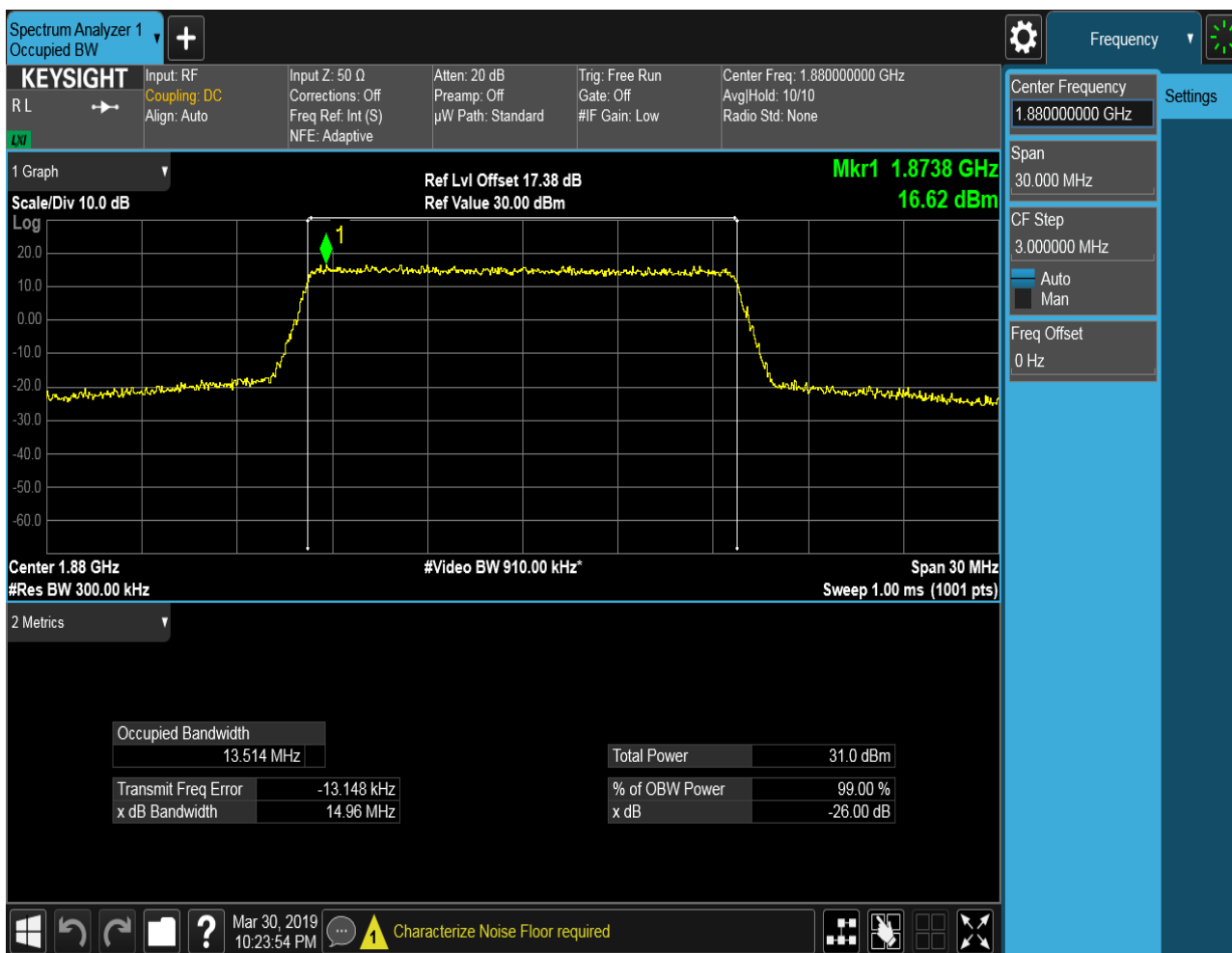
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



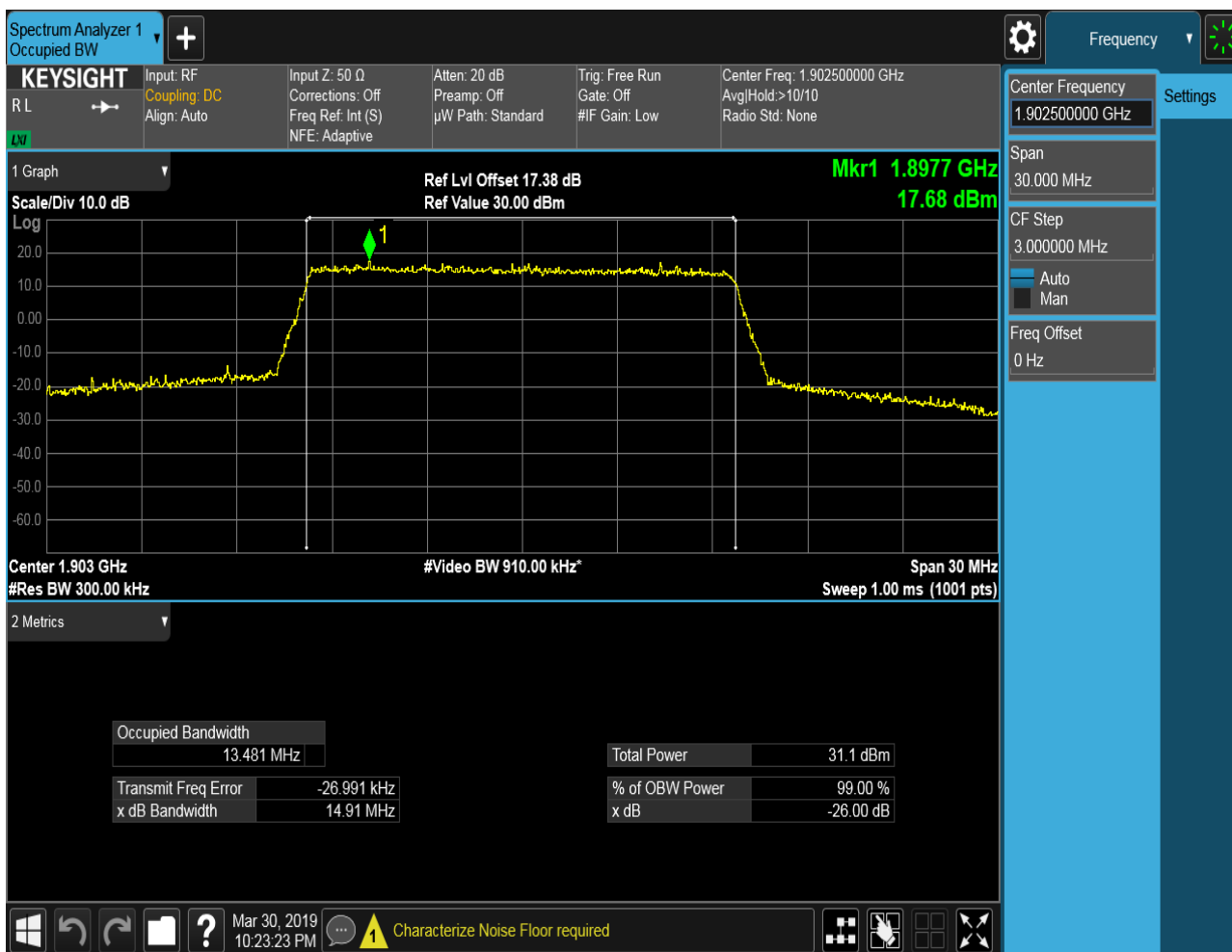
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

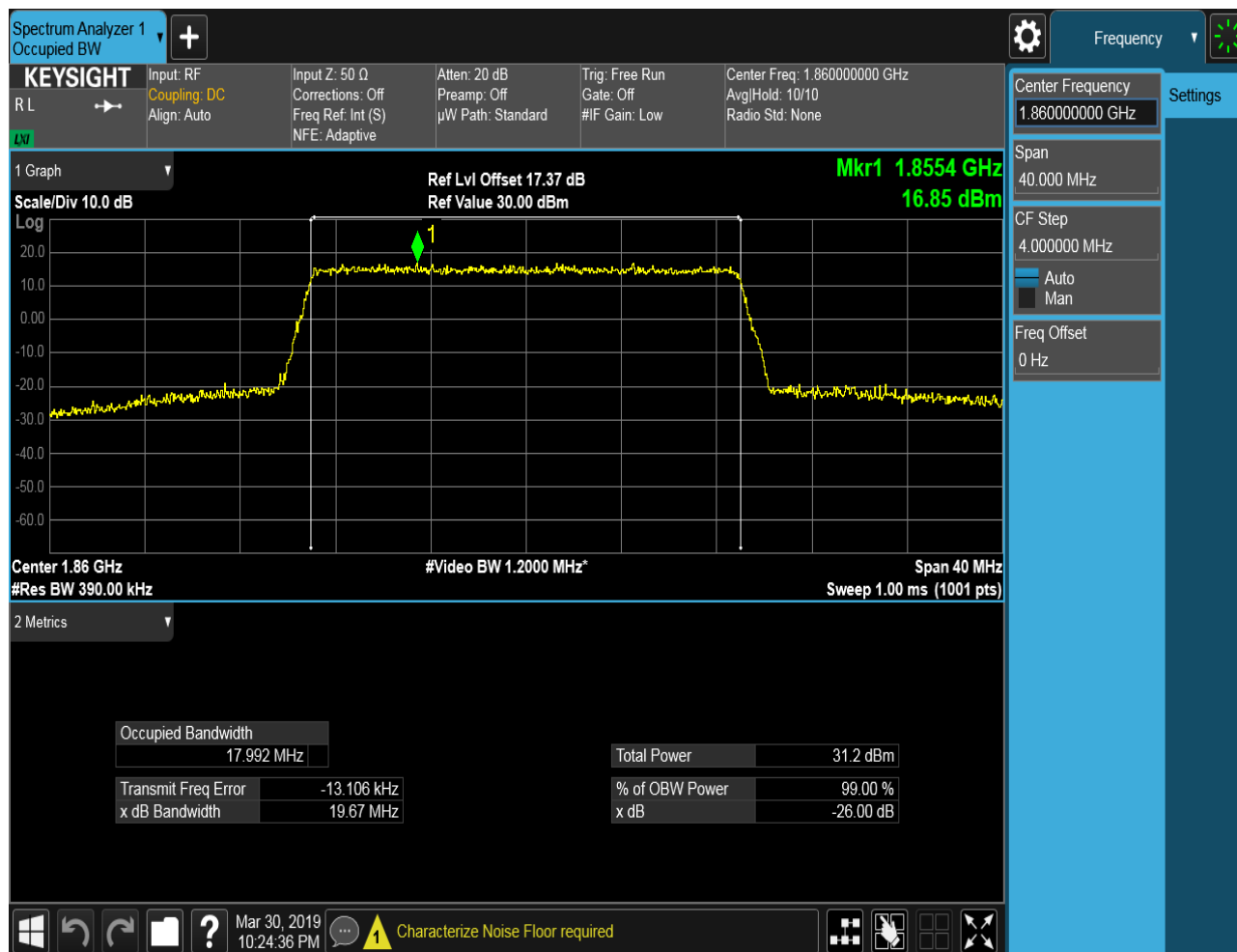
4.1.1.1.5.3.1 Test RB = RB75#0



4.1.1.1.6 Test Bandwidth = 20

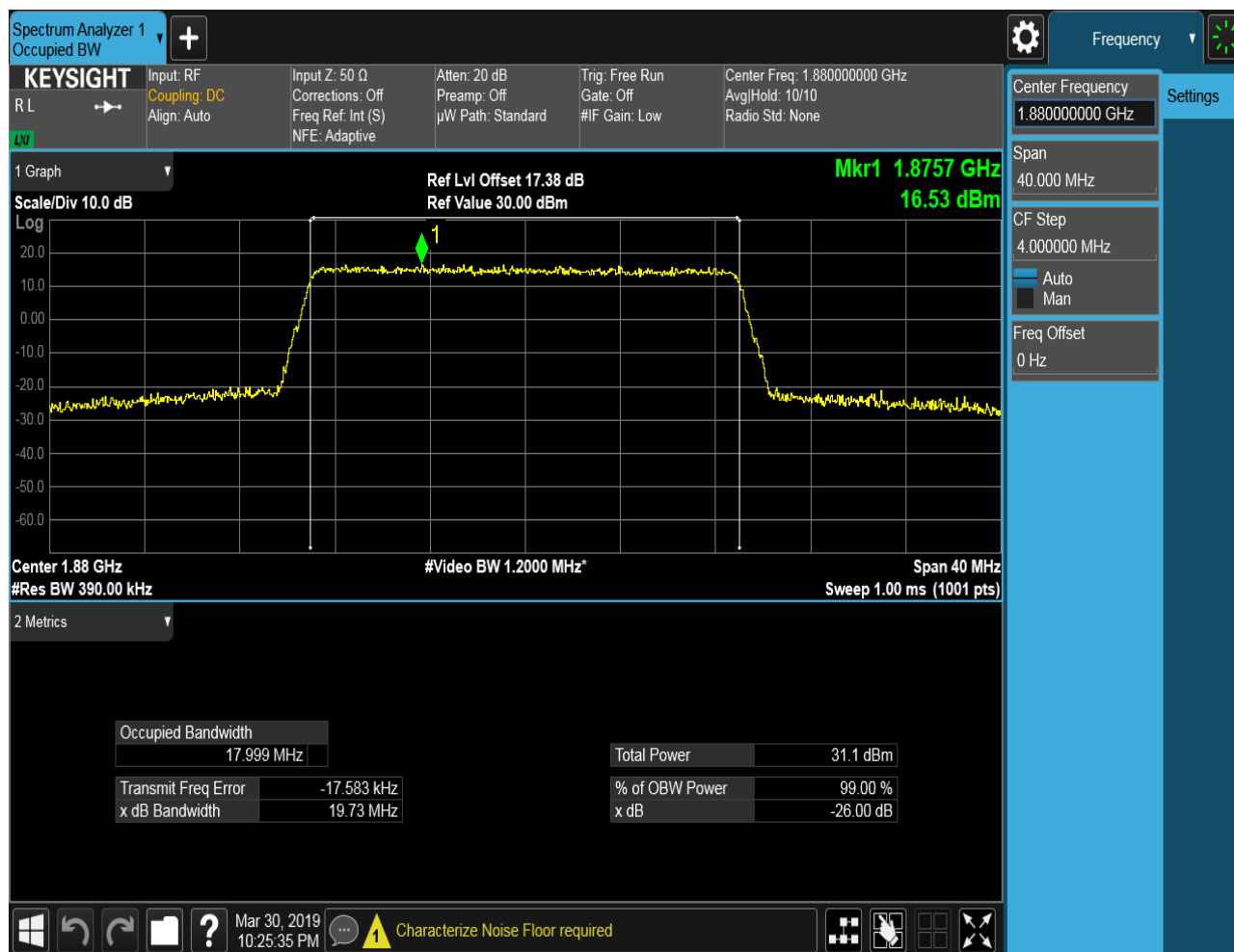
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0



4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0

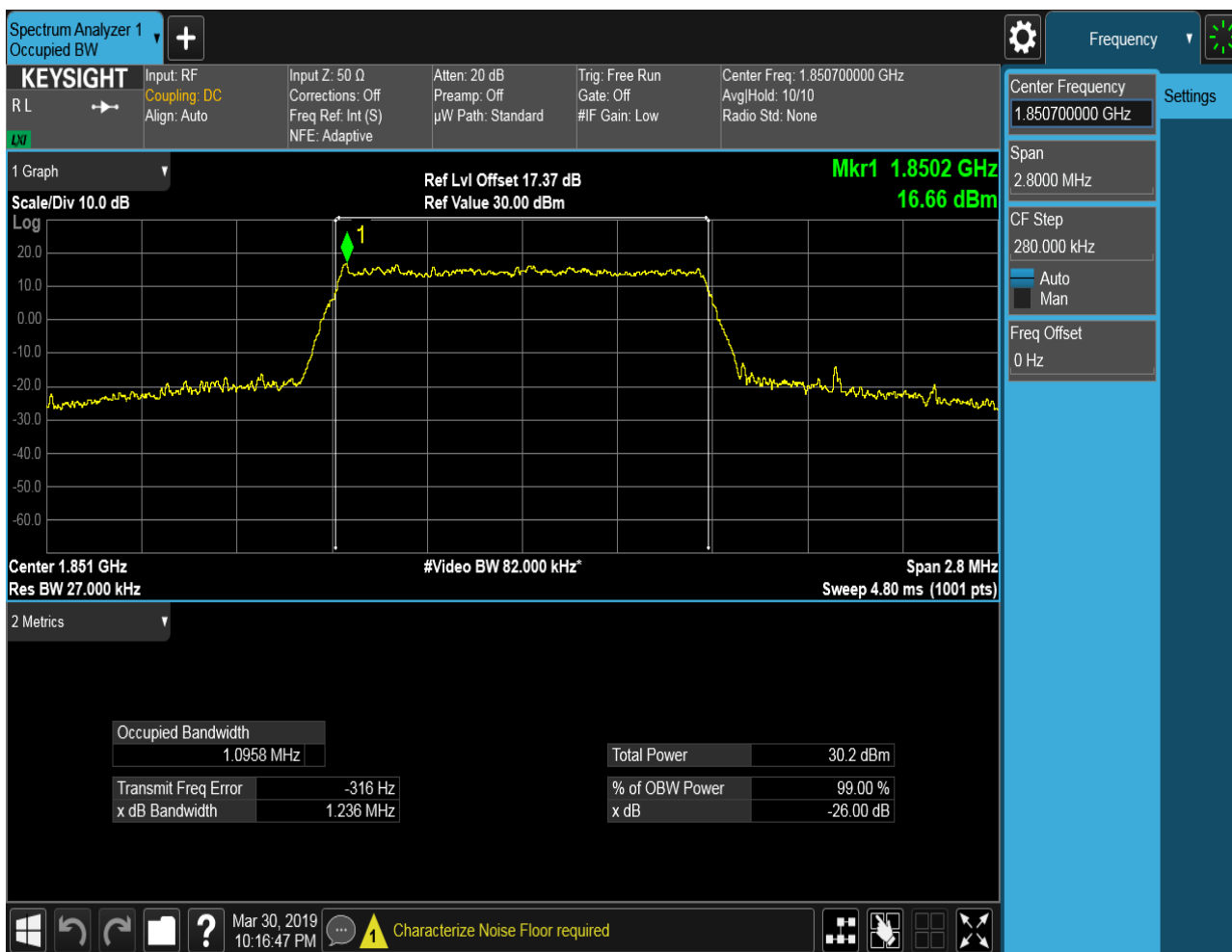


4.1.1.2 Test Mode = LTE/TM2

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



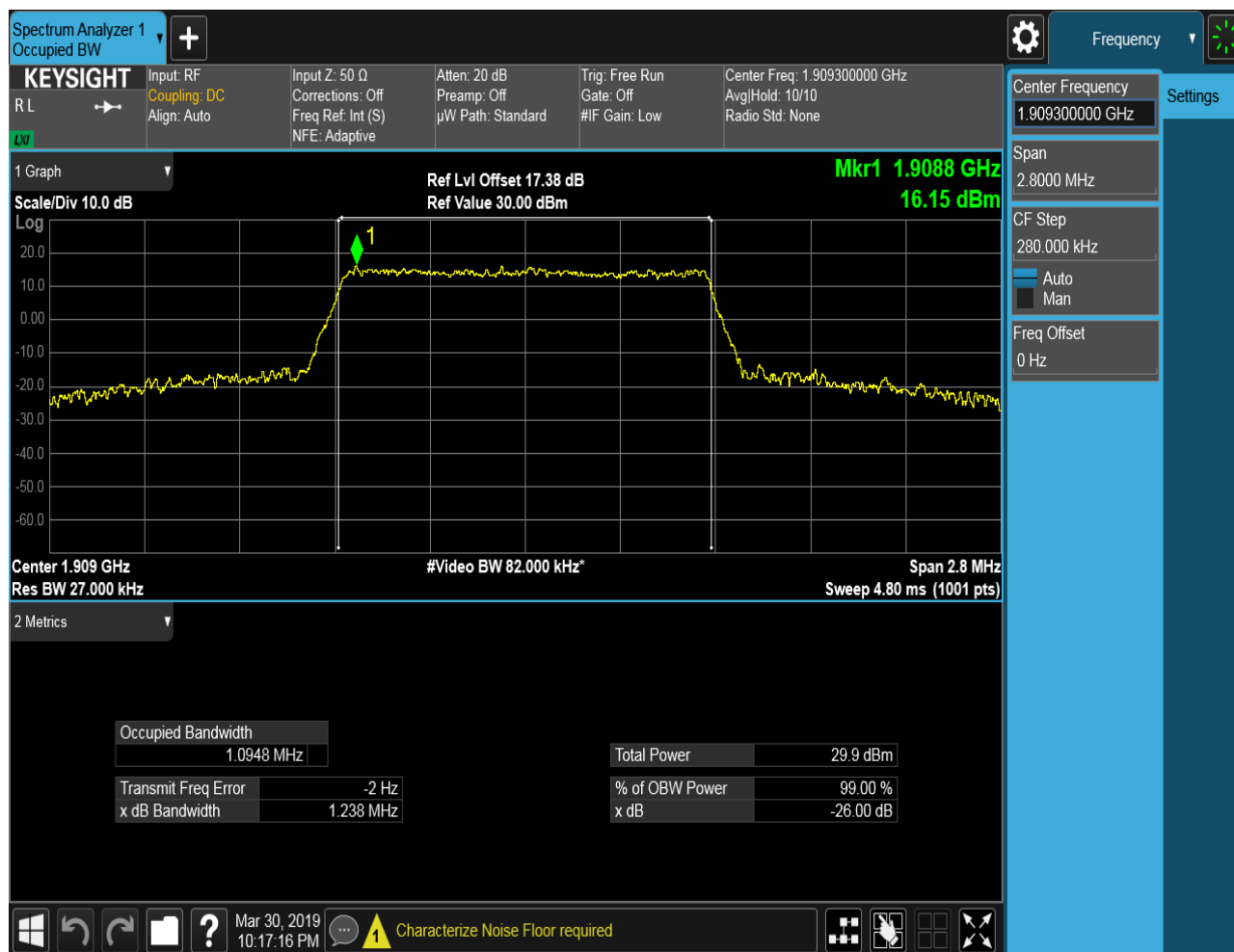
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

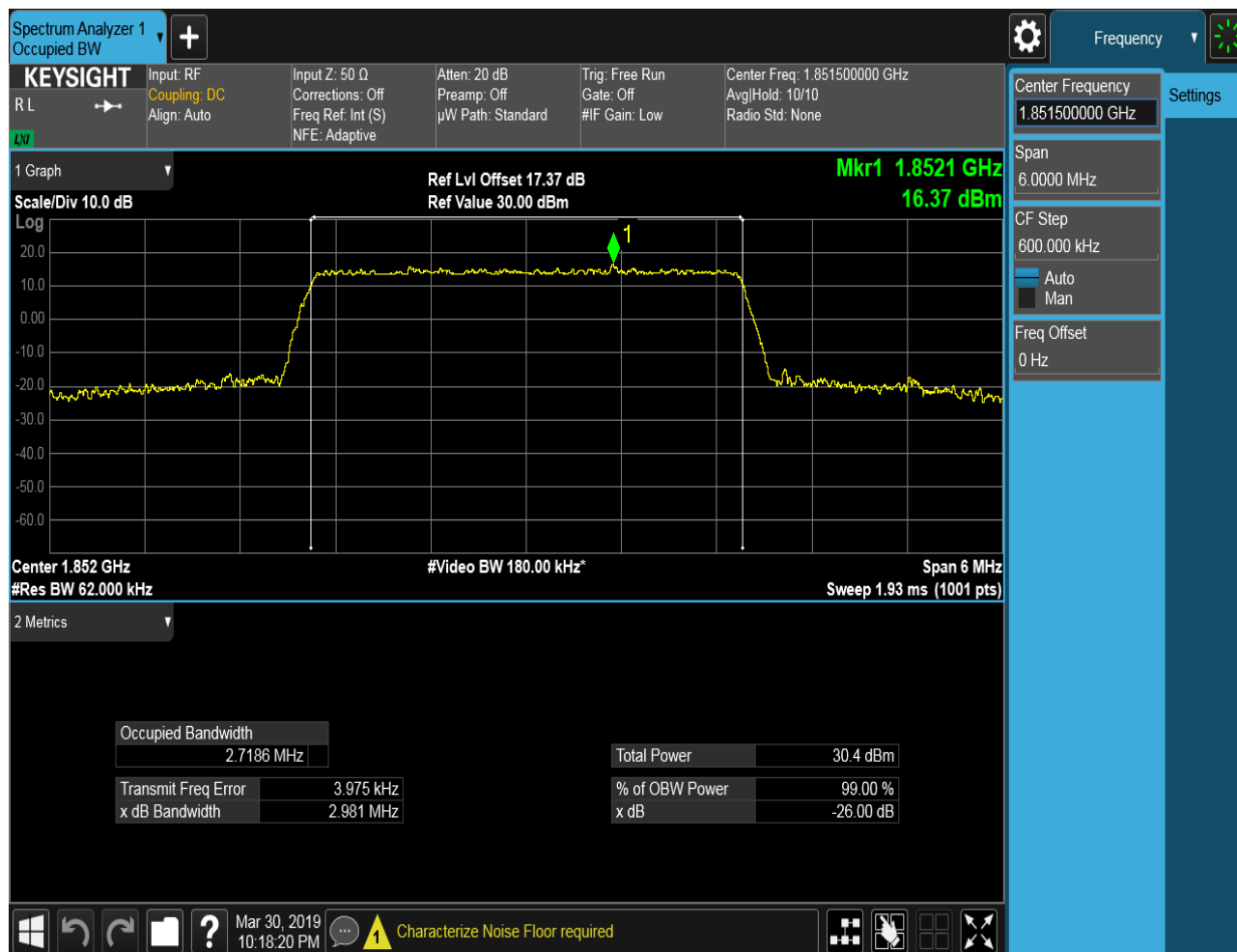
4.1.1.2.1.3.1 Test RB = RB6#0



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



4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

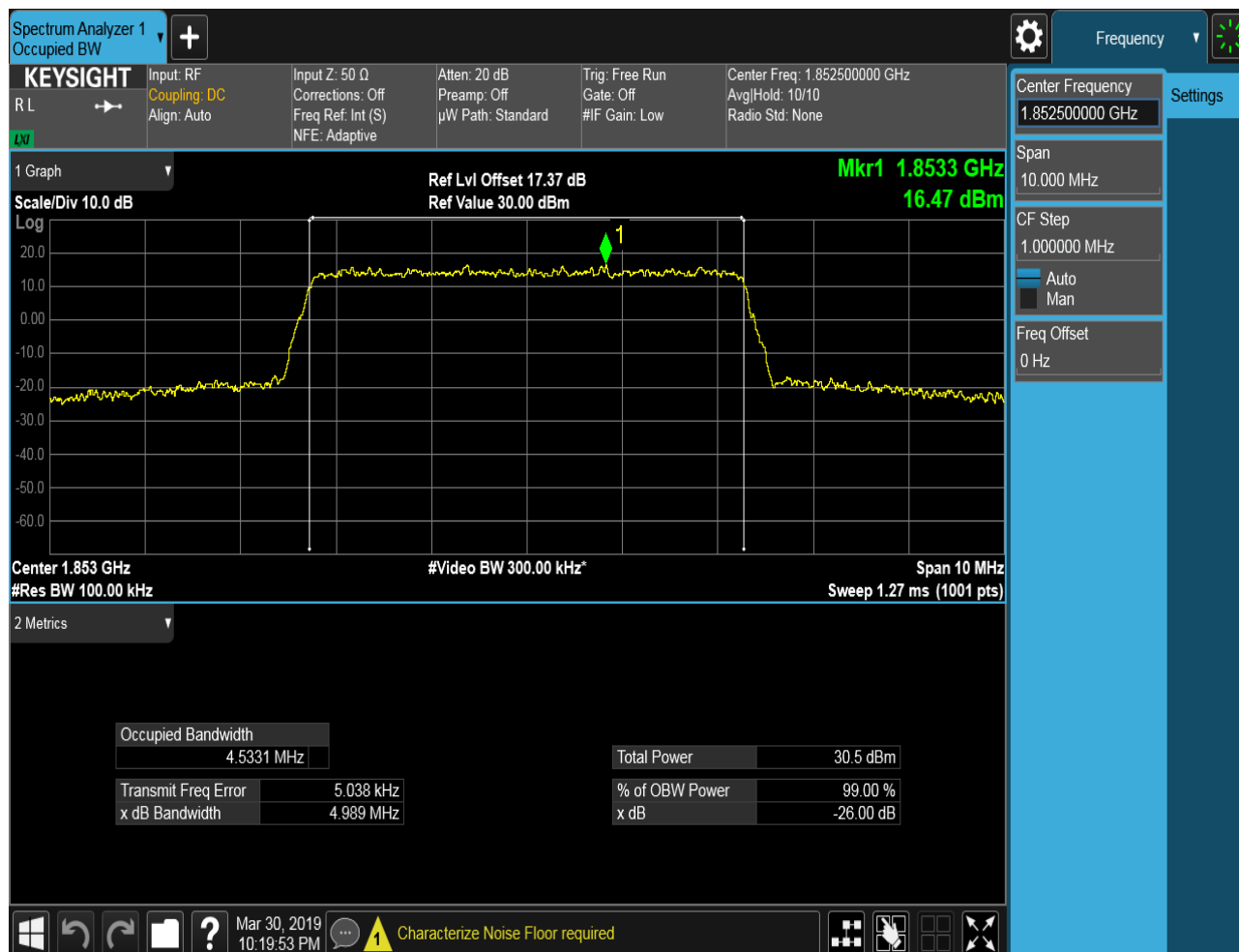
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

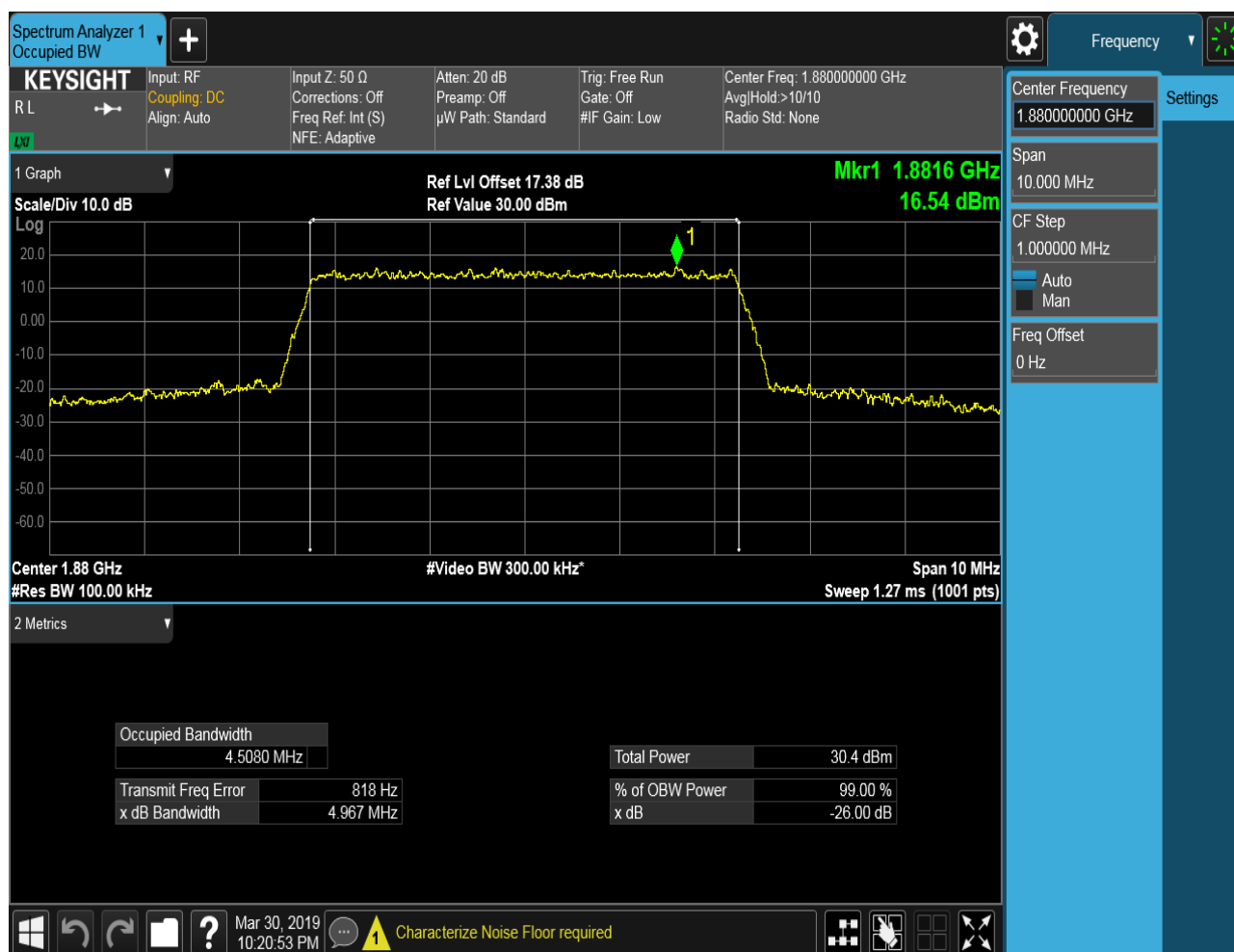
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



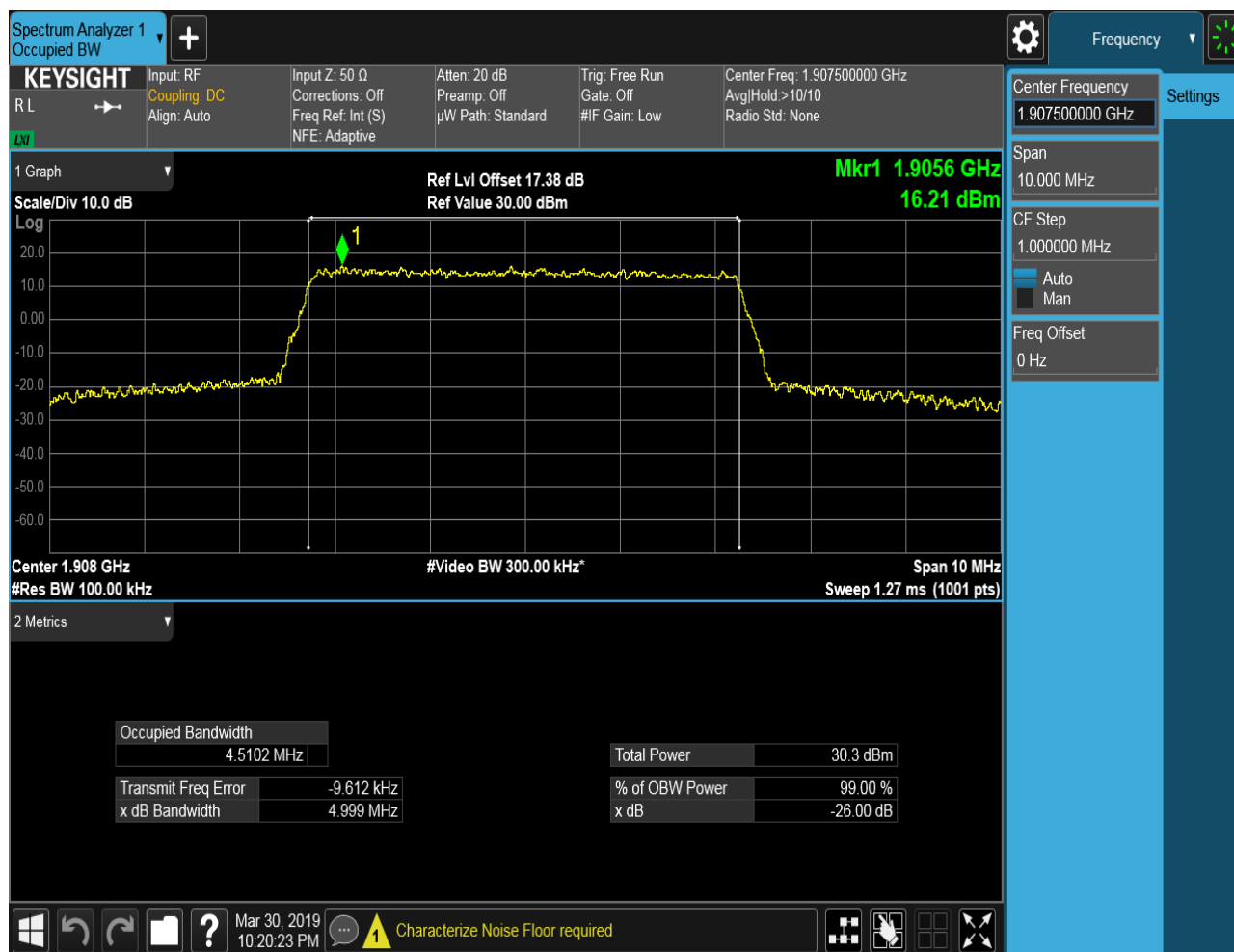
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

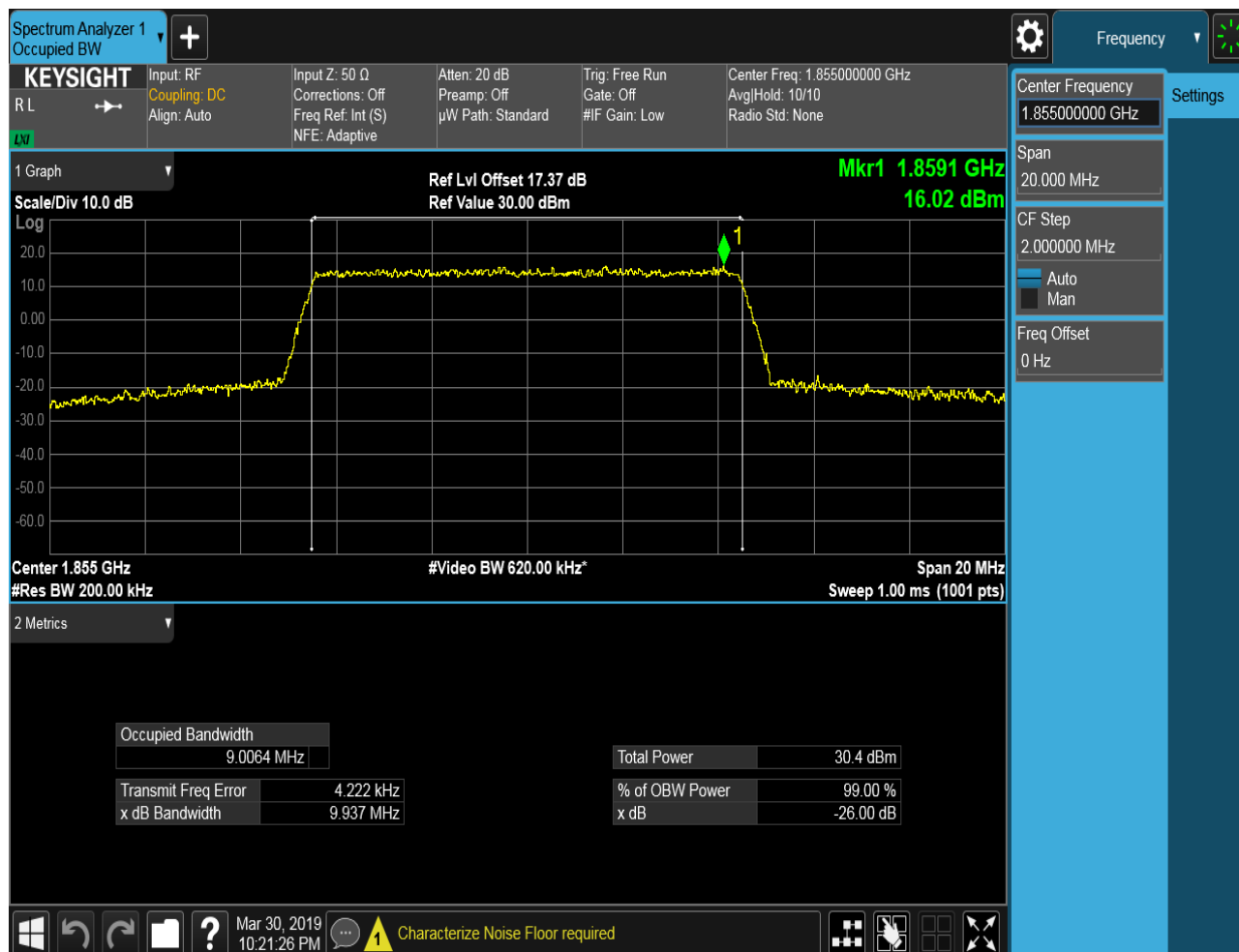
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

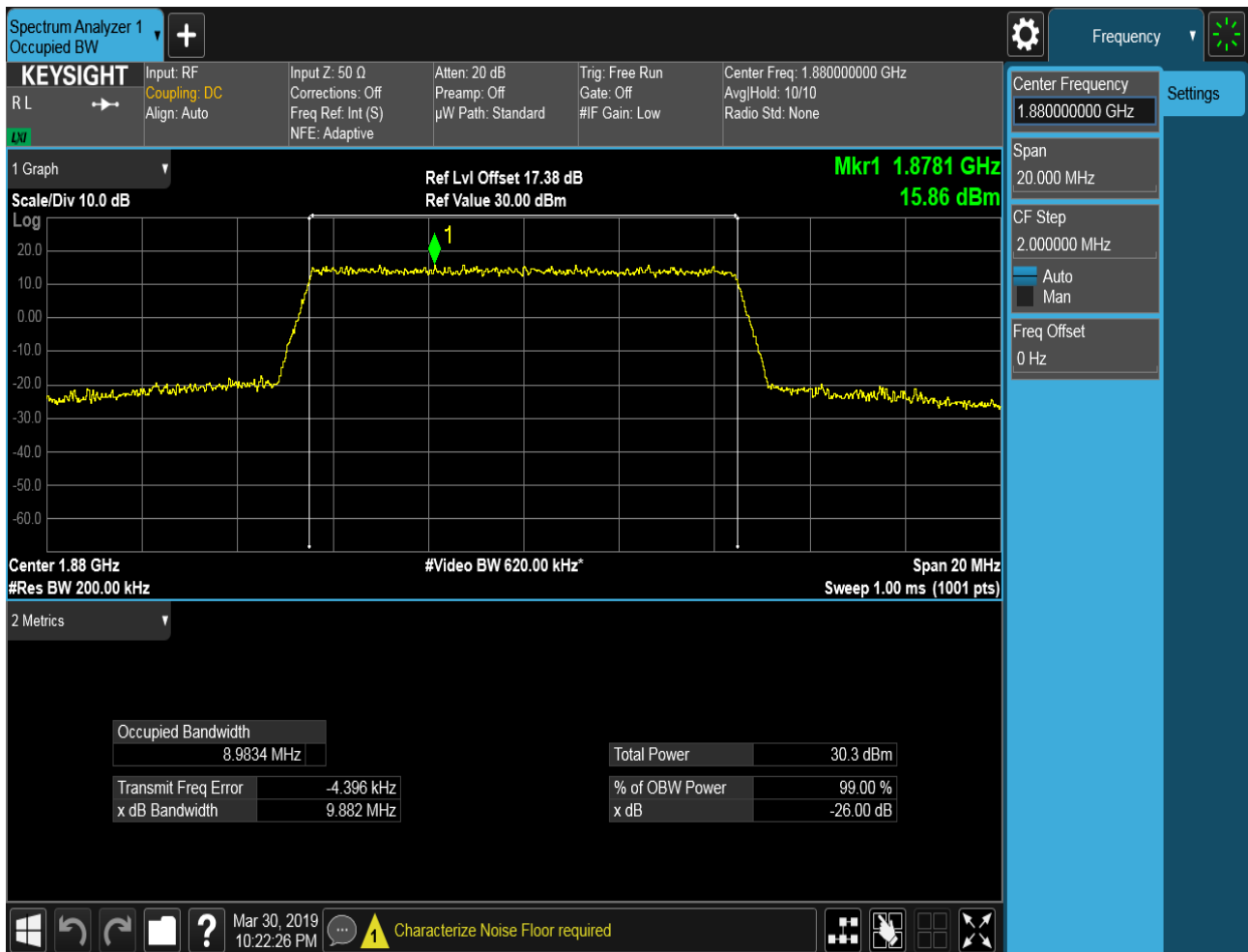
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



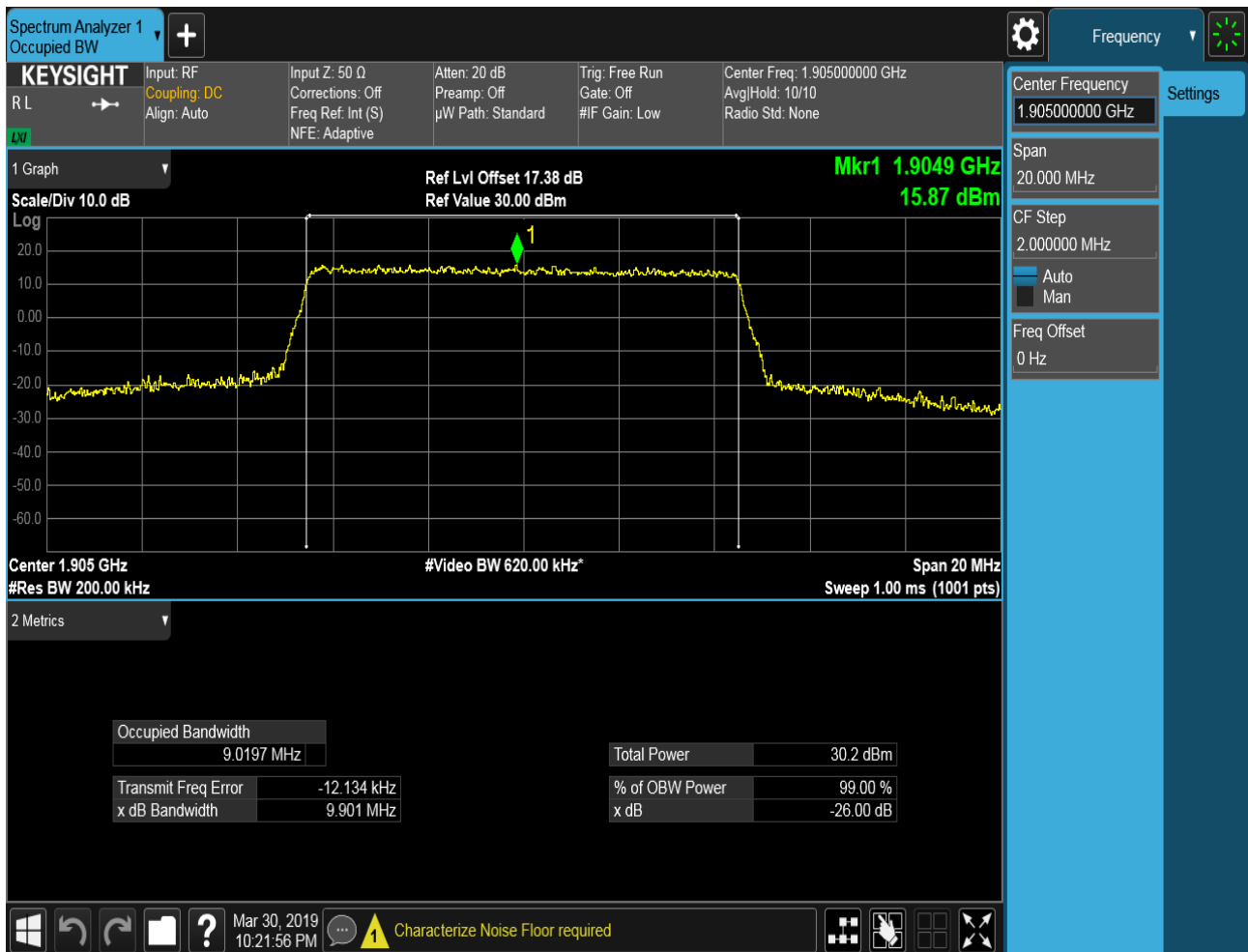
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

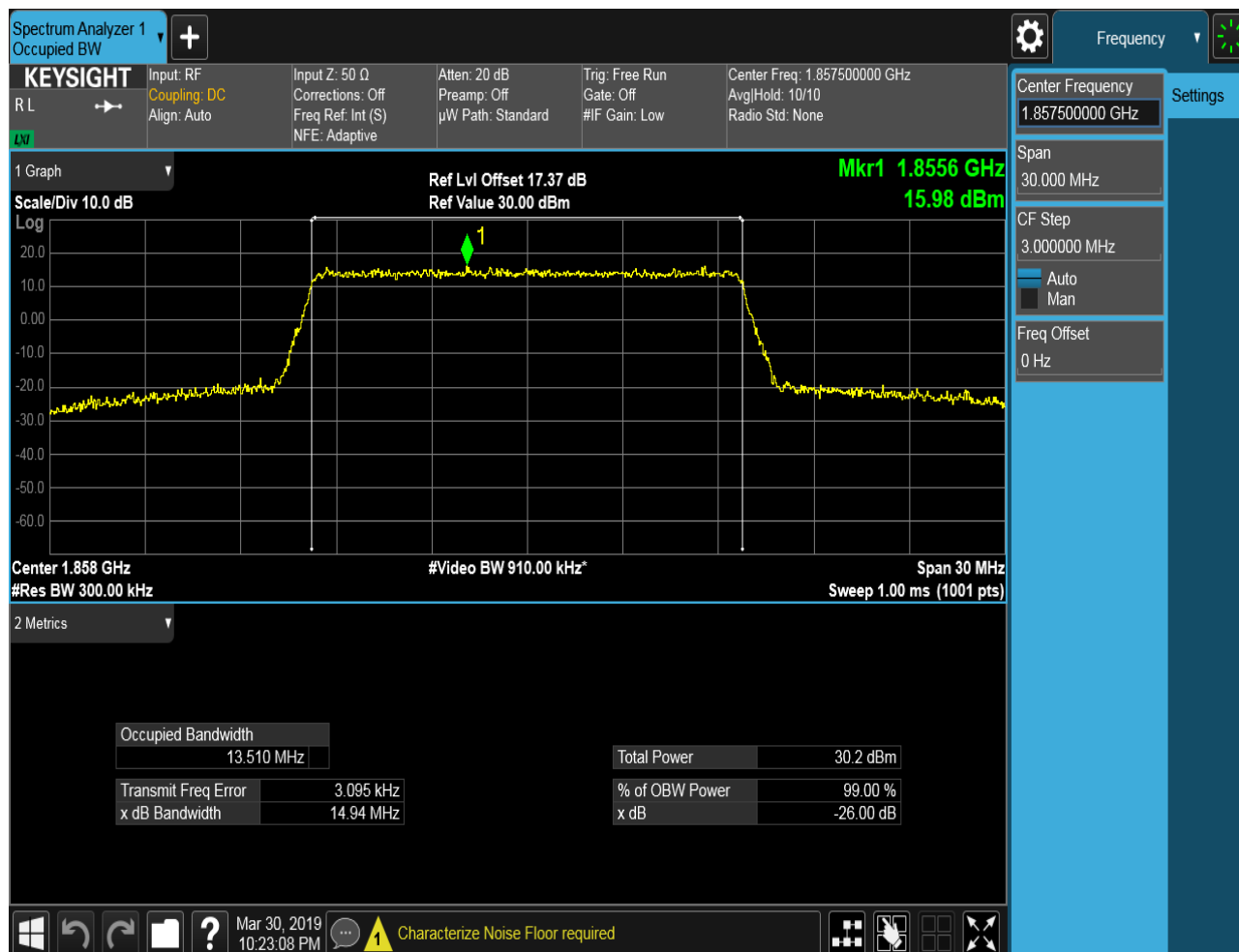
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

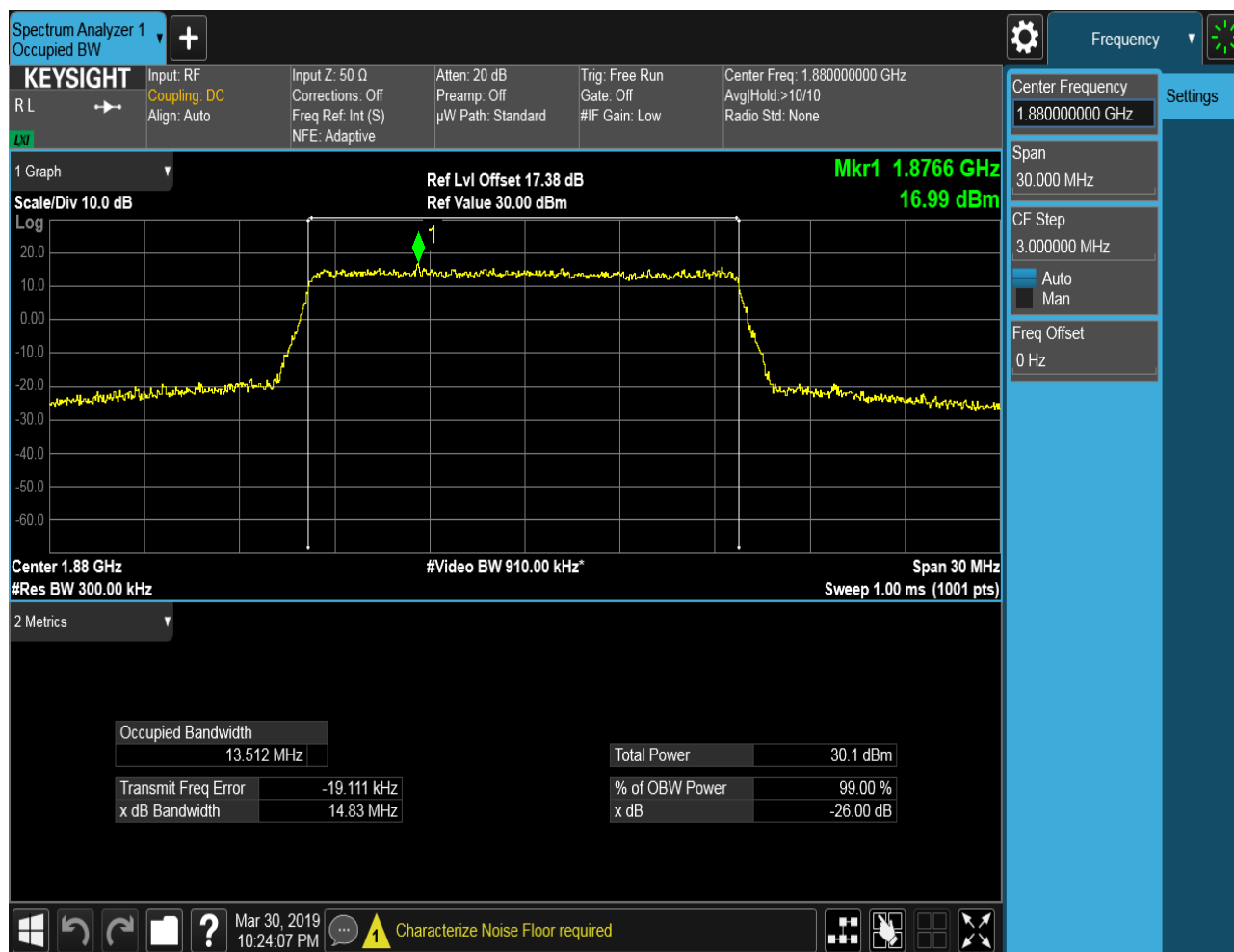
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

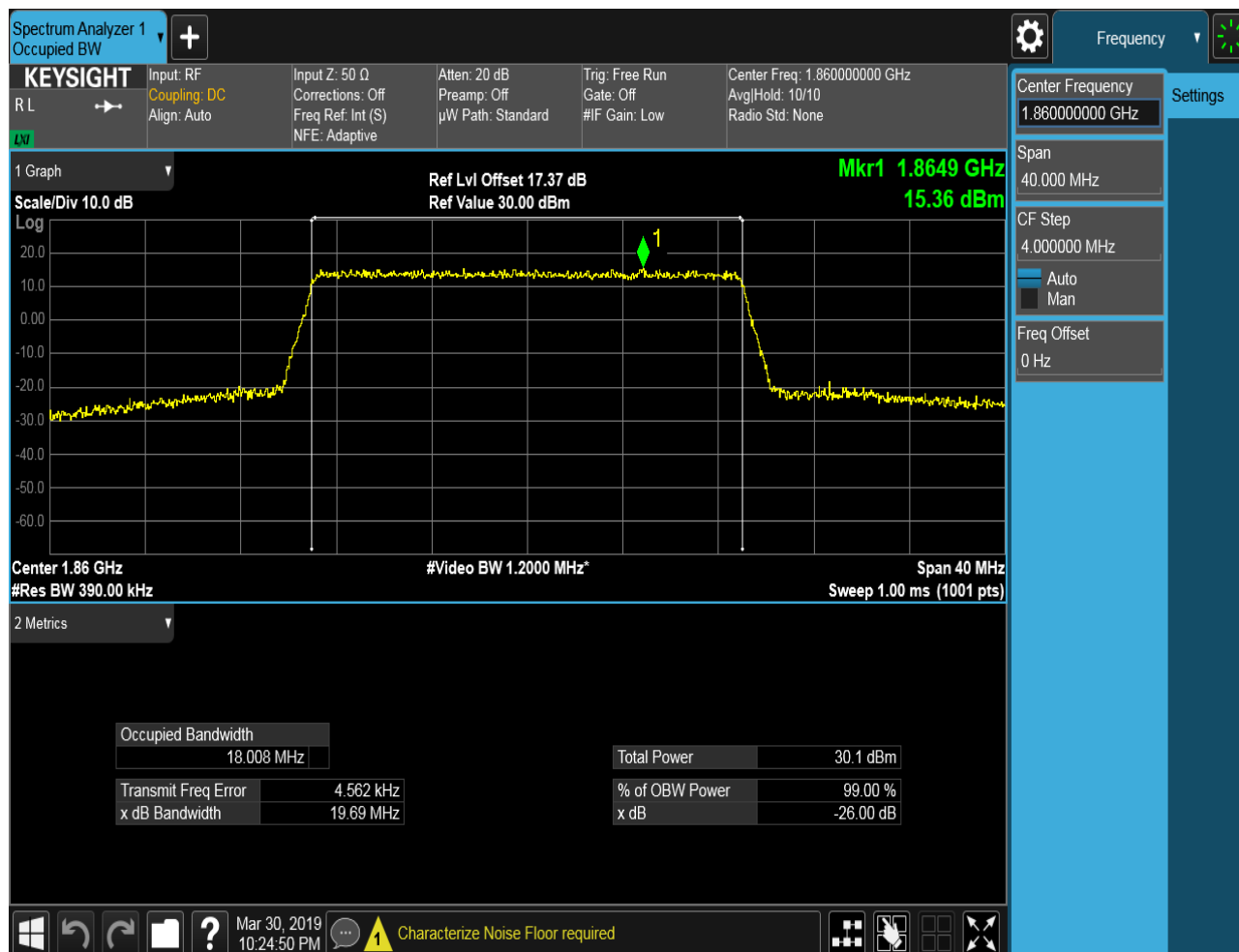
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

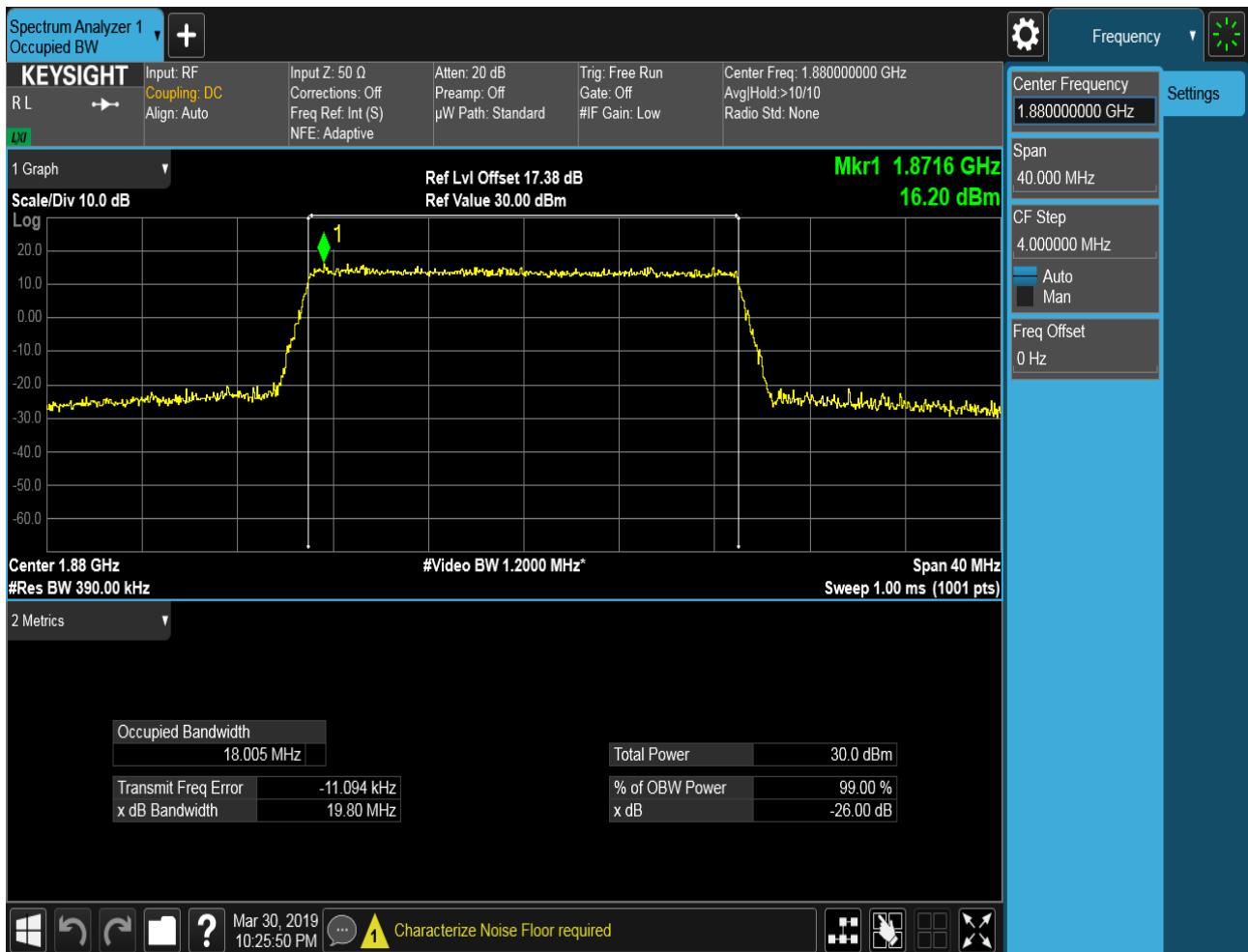
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



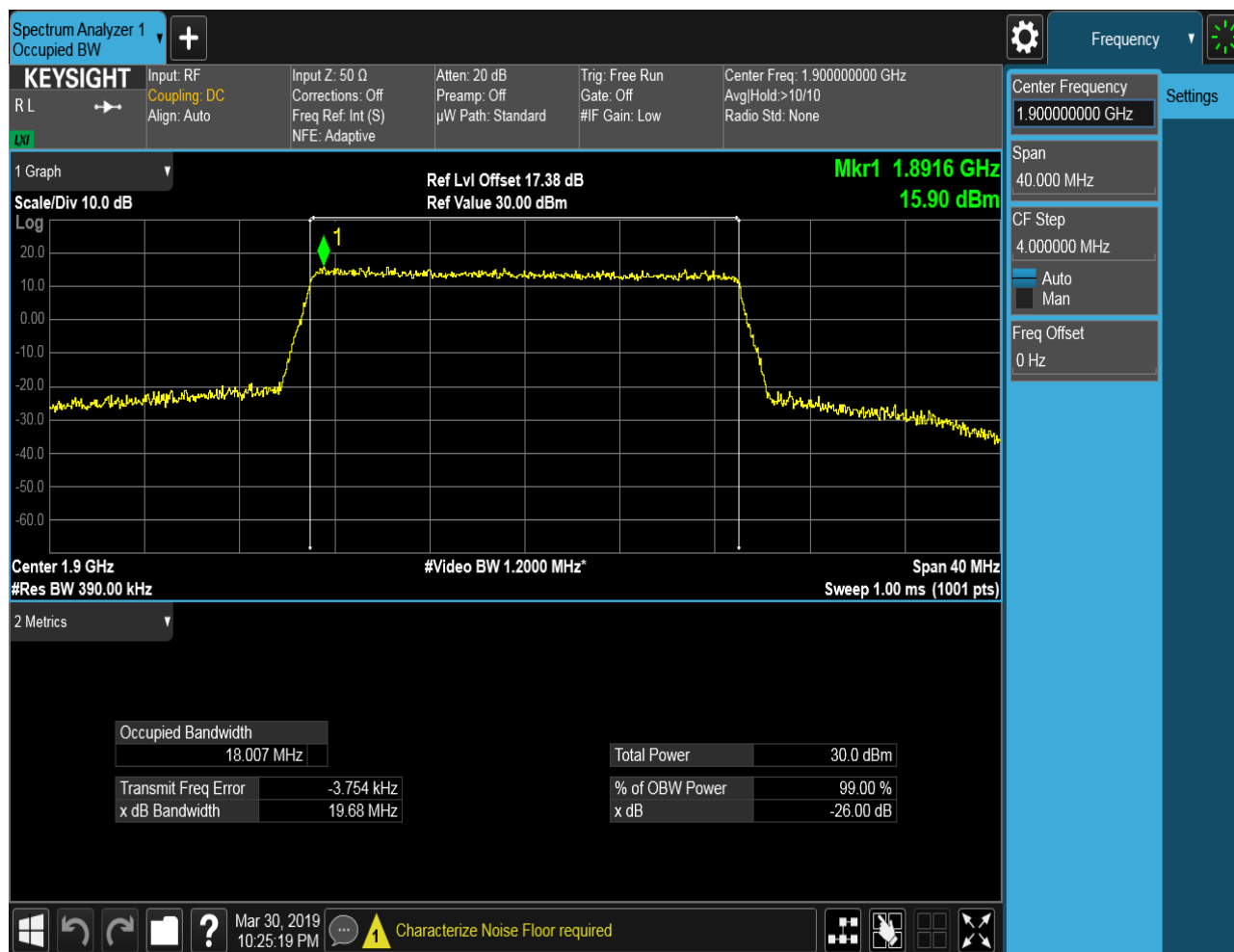
4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0



4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

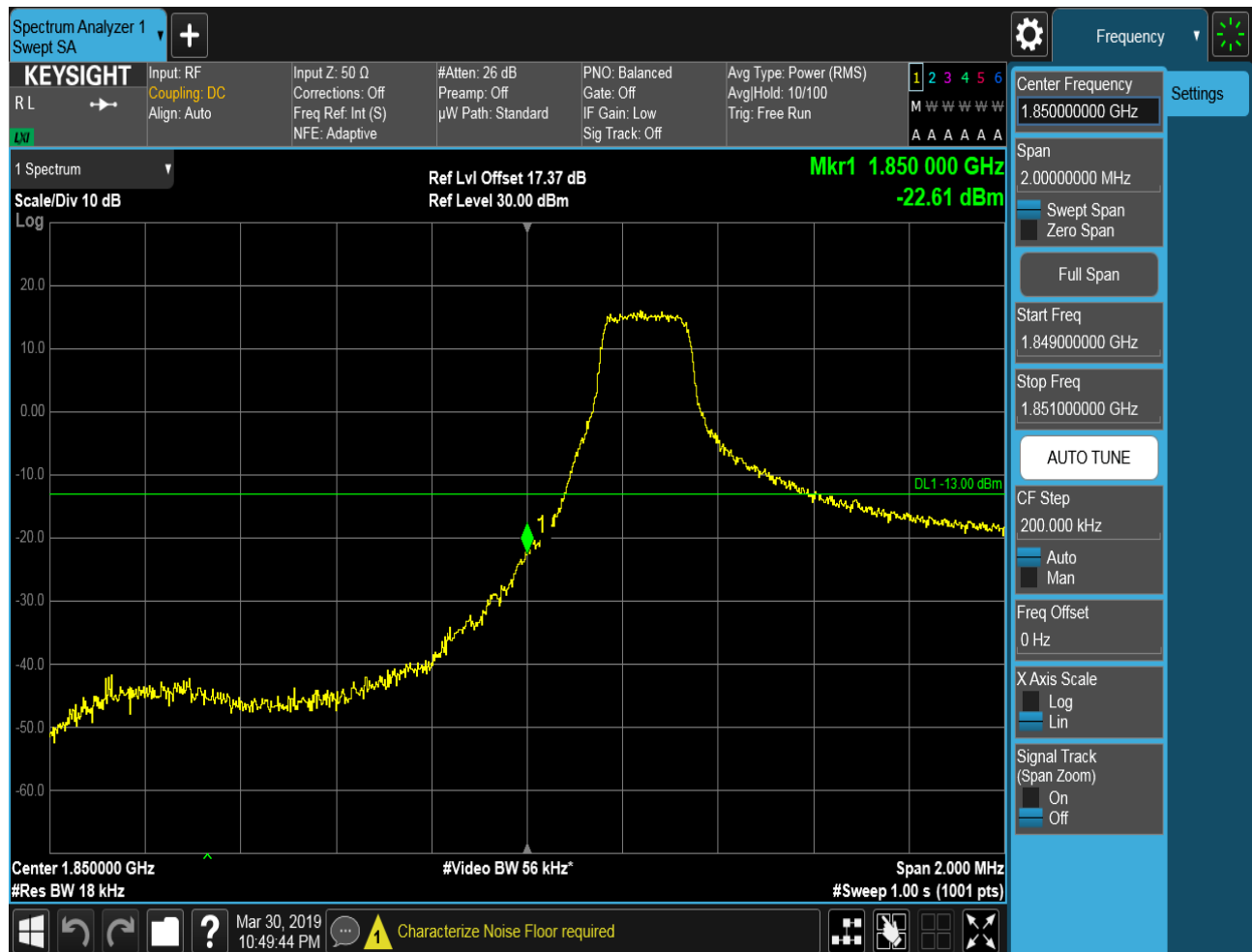
5.1.1 Test Band = Band2

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



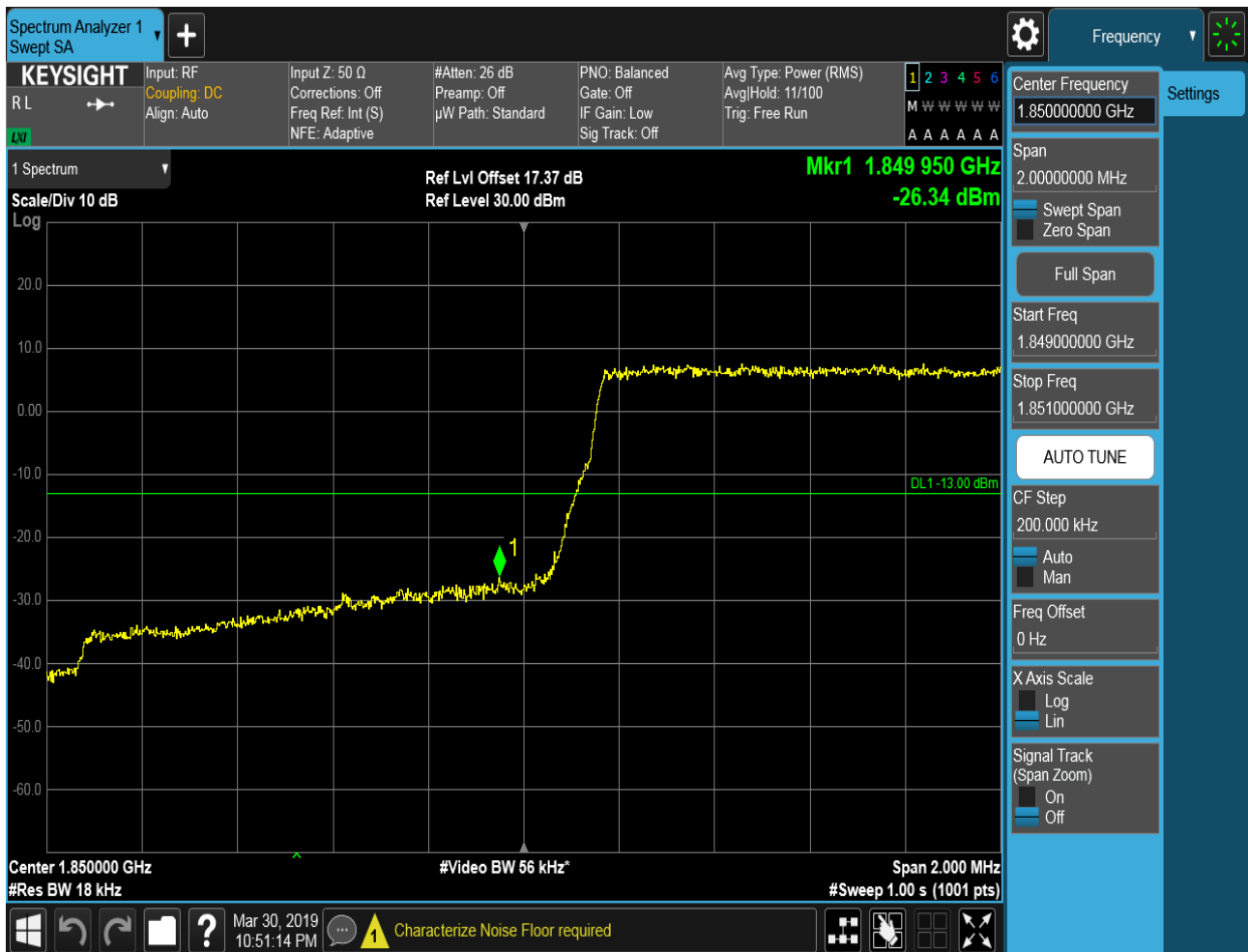
5.1.1.1.1.2 Test RB = RB1#5



5.1.1.1.1.3 Test RB = RB3#2

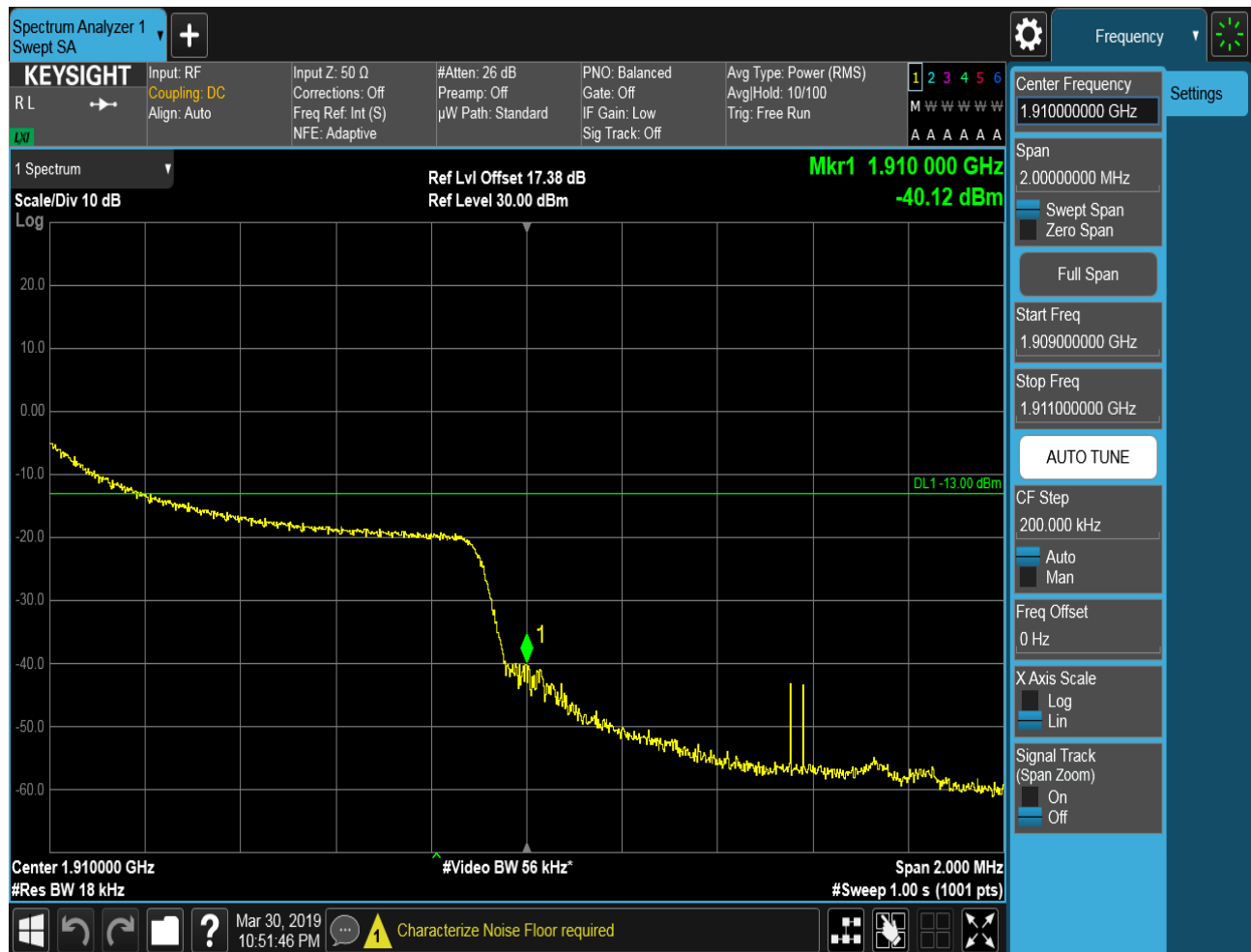


5.1.1.1.1.4 Test RB = RB6#0



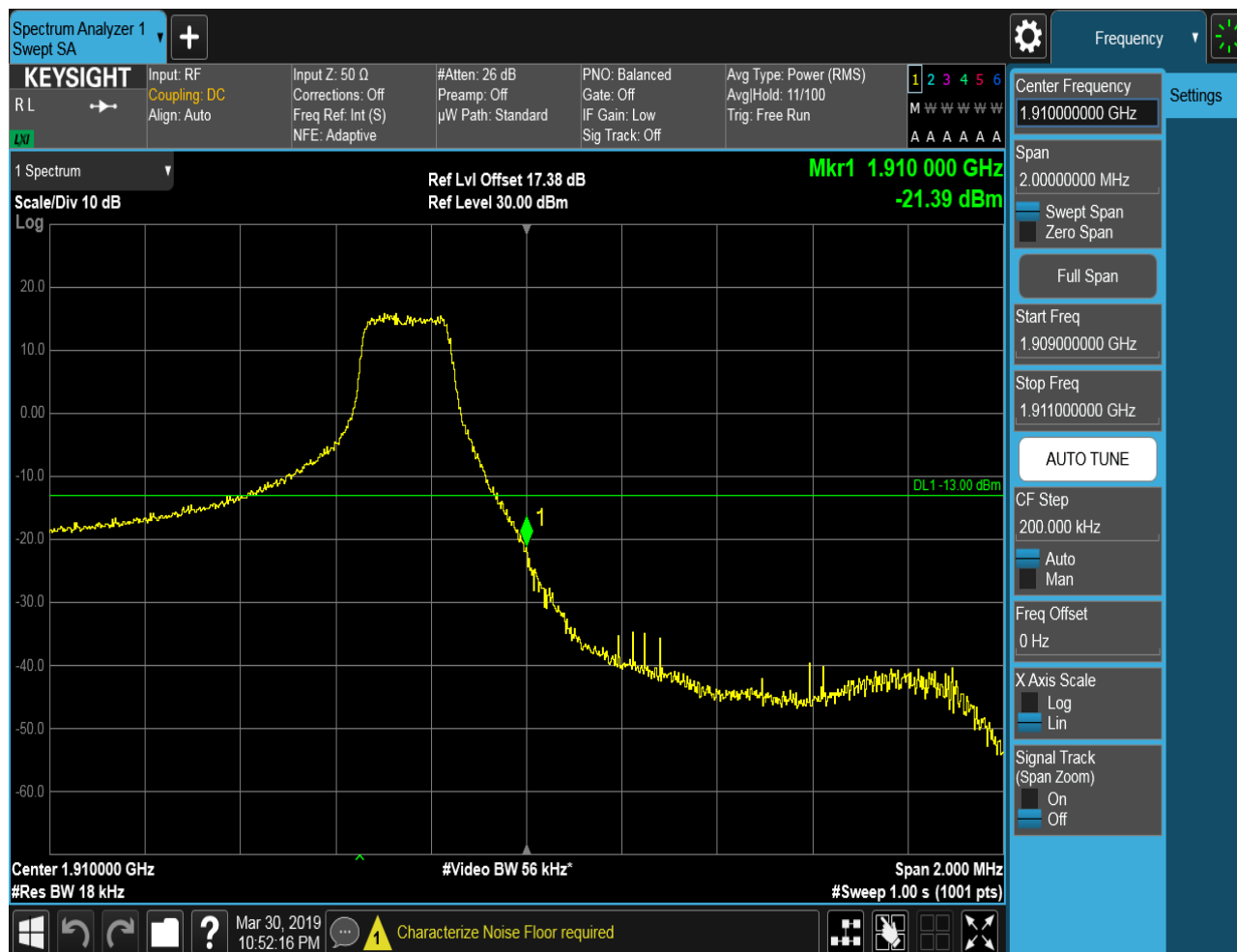
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.1.2.3 Test RB = RB3#2



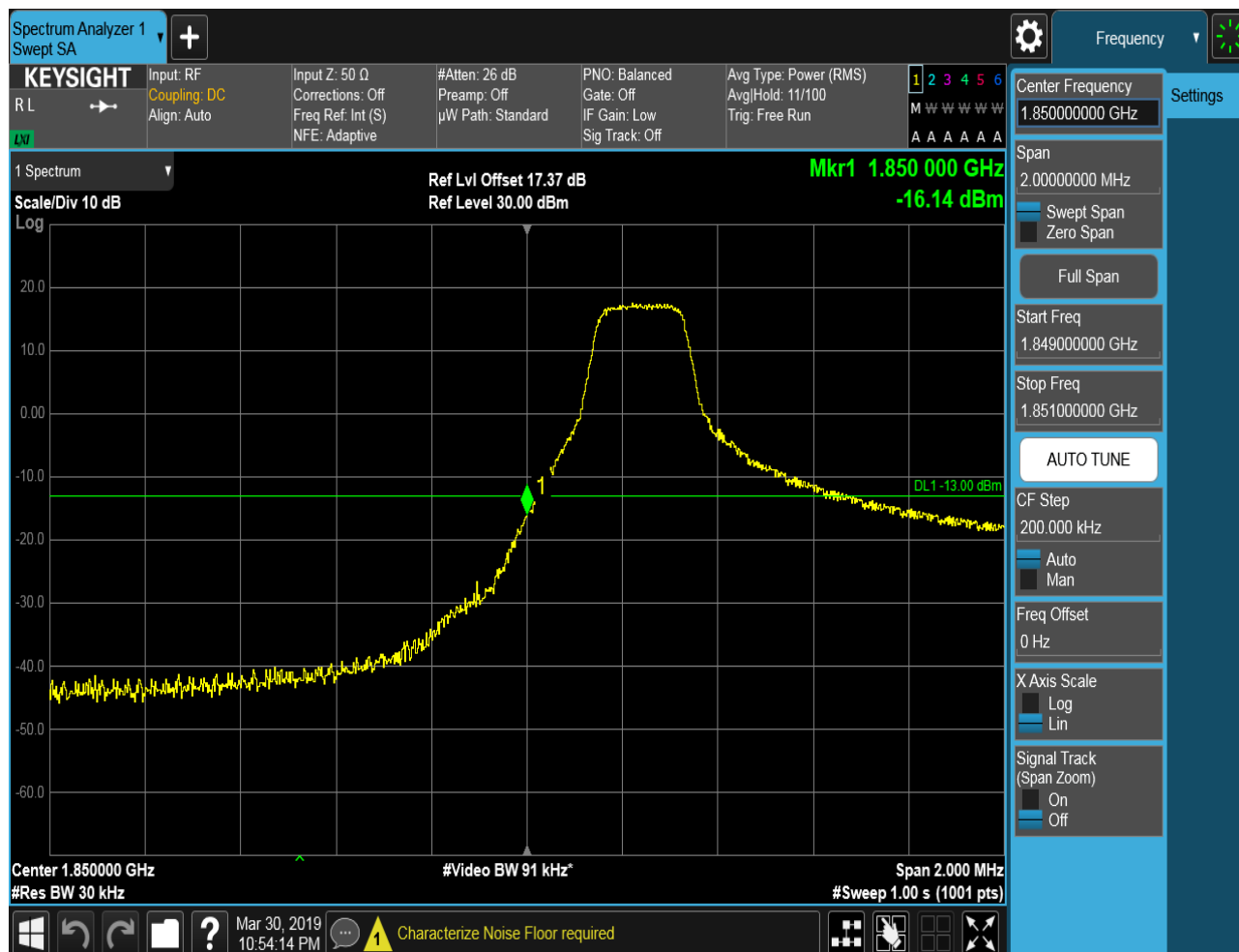
5.1.1.1.2.4 Test RB = RB6#0



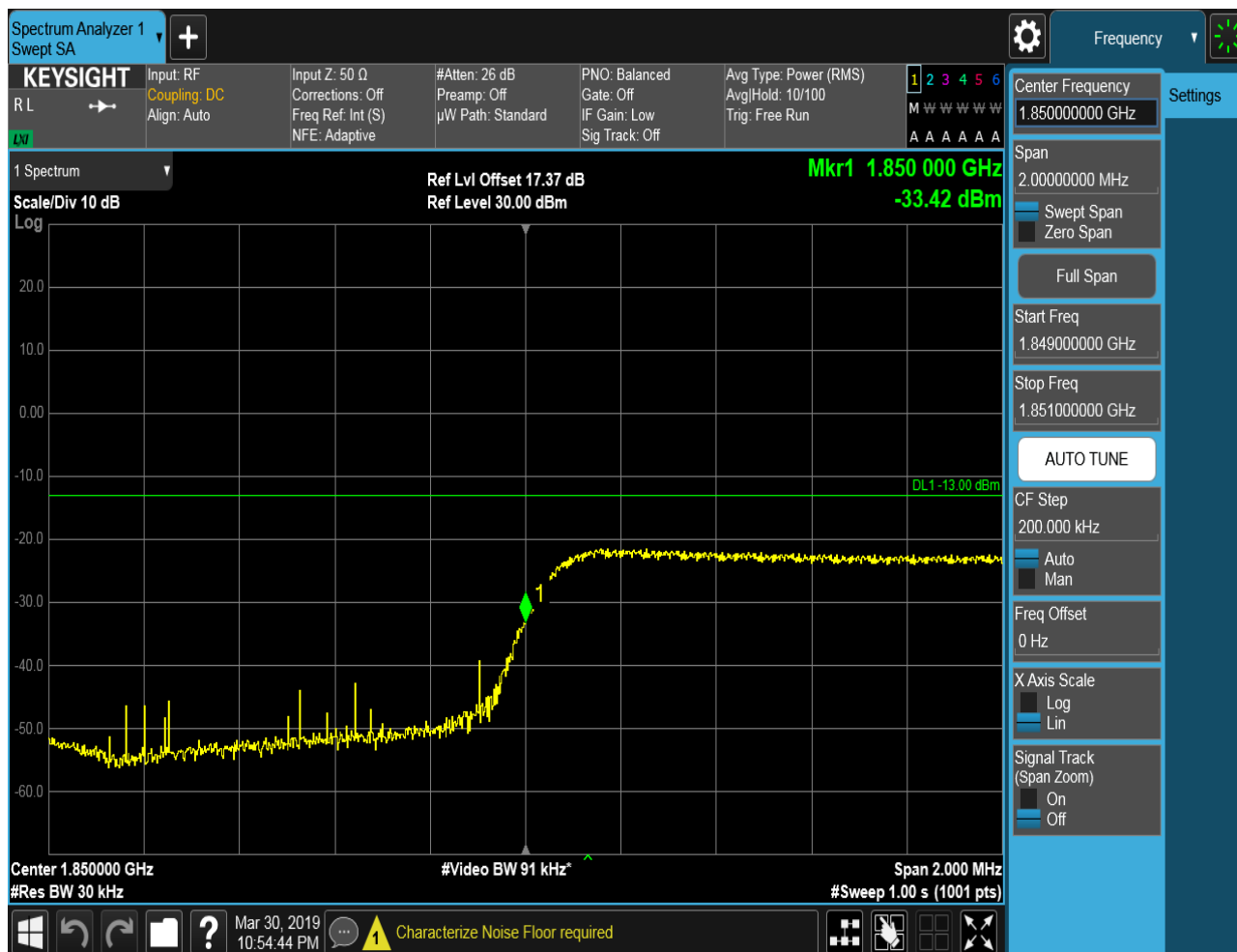
5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



5.1.1.1.2.1.2 Test RB = RB1#14



5.1.1.1.2.1.3 Test RB = RB8#4

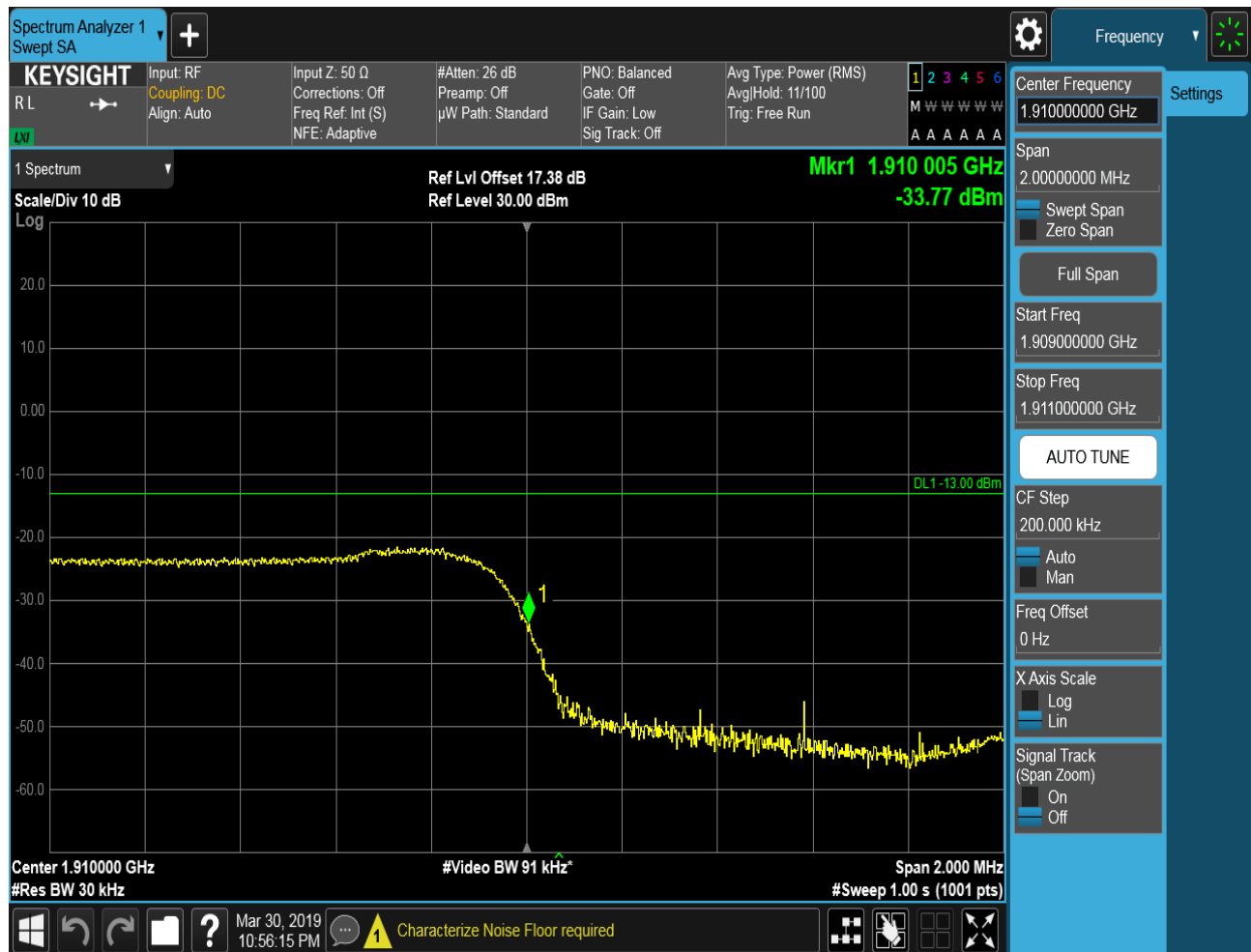


5.1.1.1.2.1.4 Test RB = RB15#0

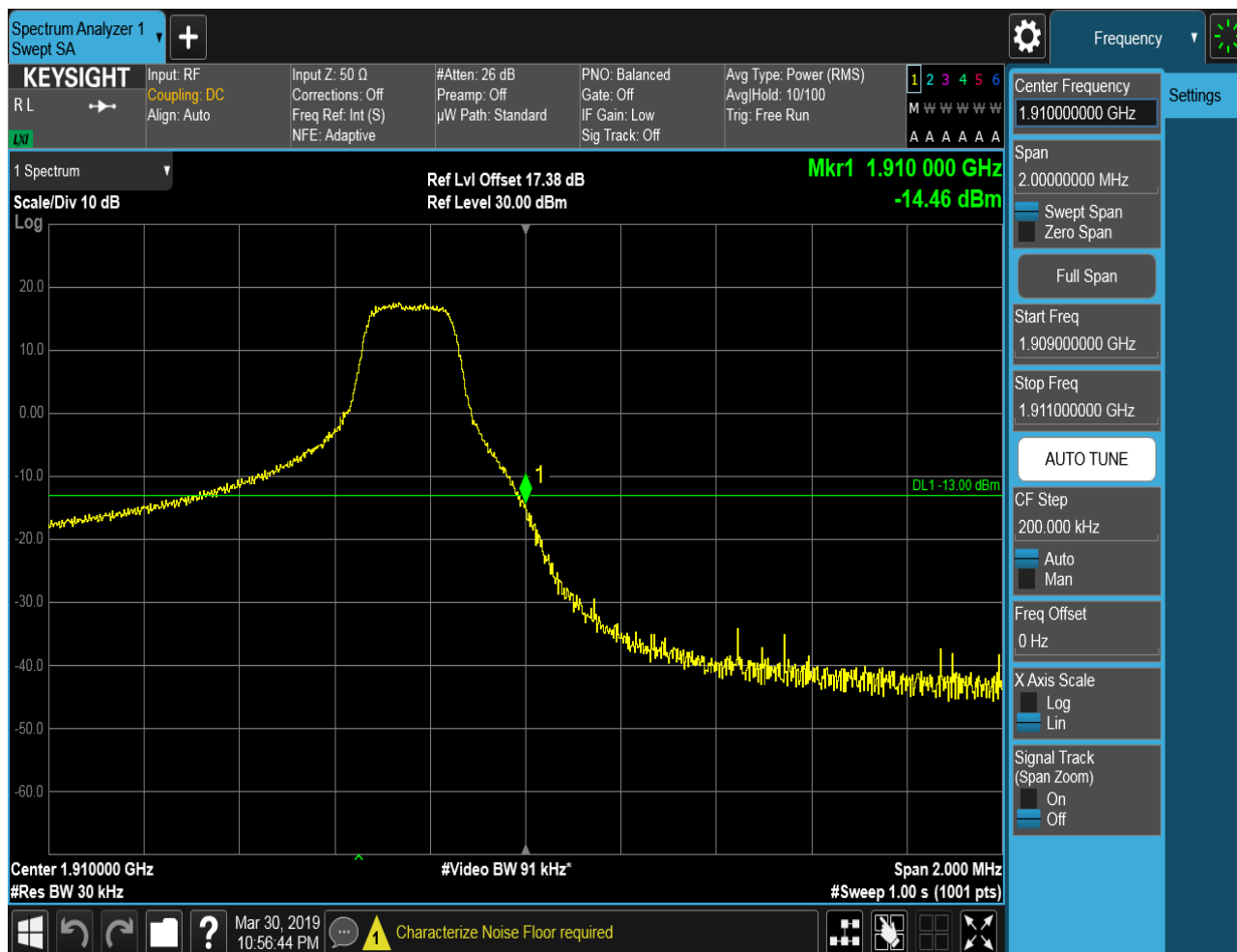


5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#14



5.1.1.1.2.2.3 Test RB = RB8#4



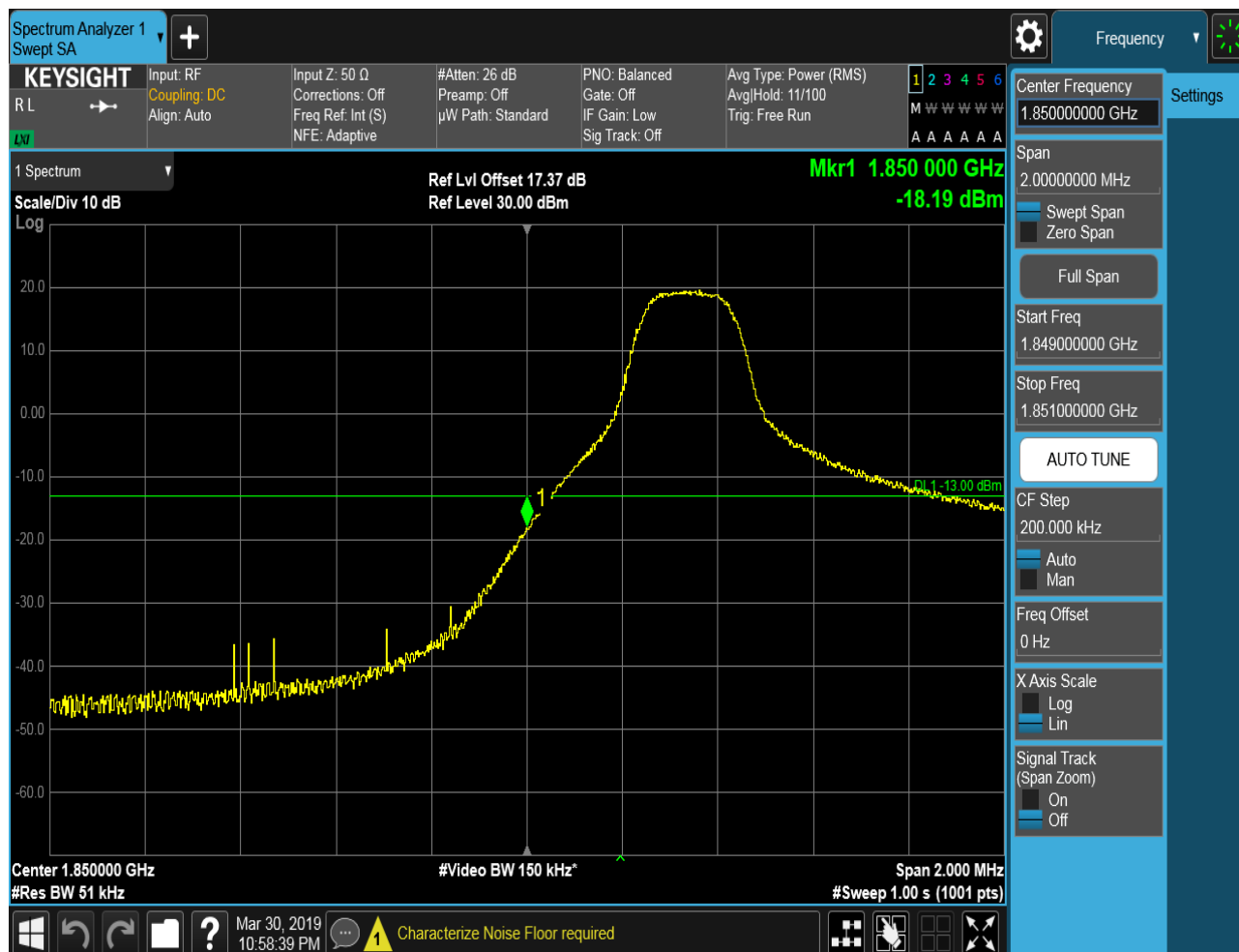
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

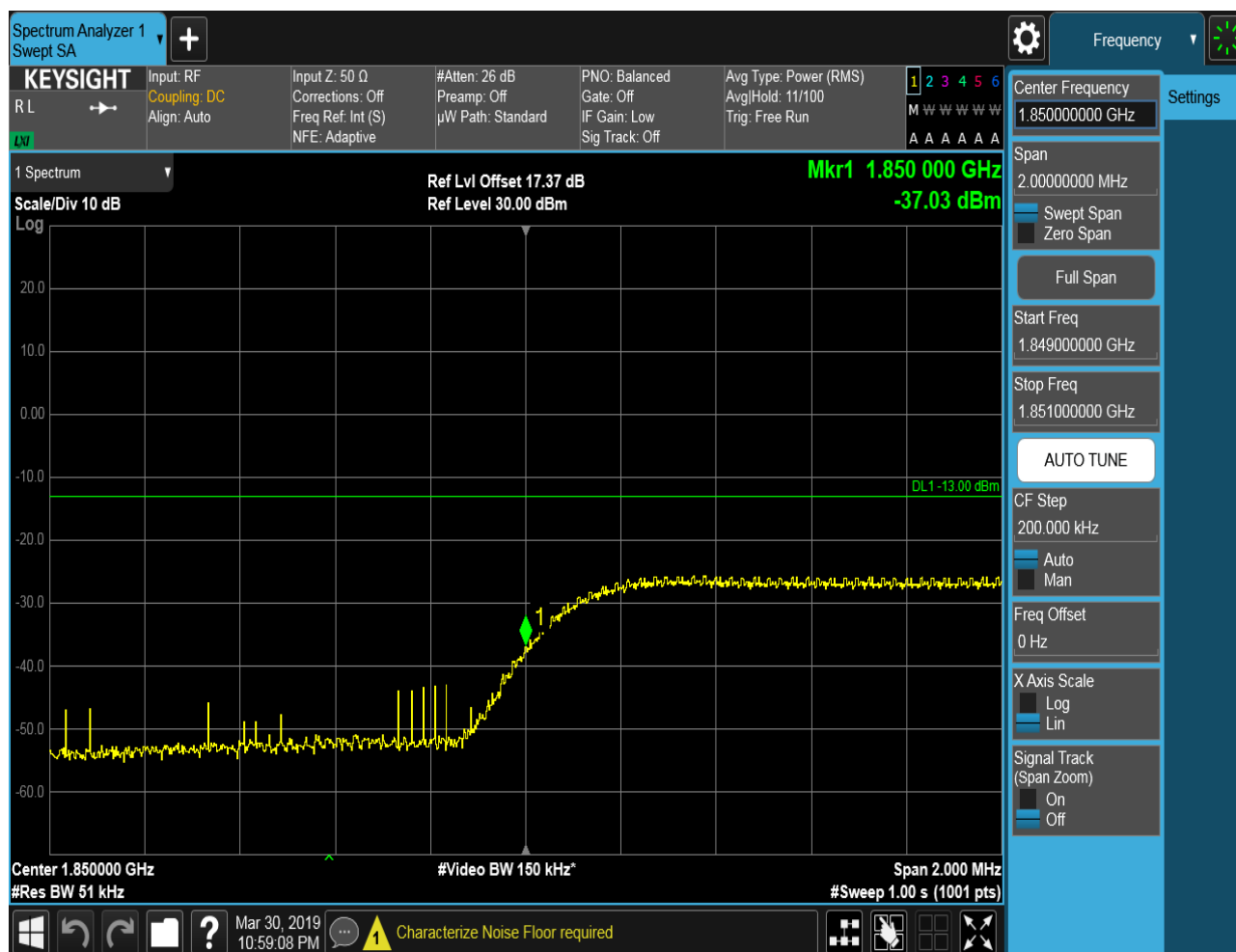
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





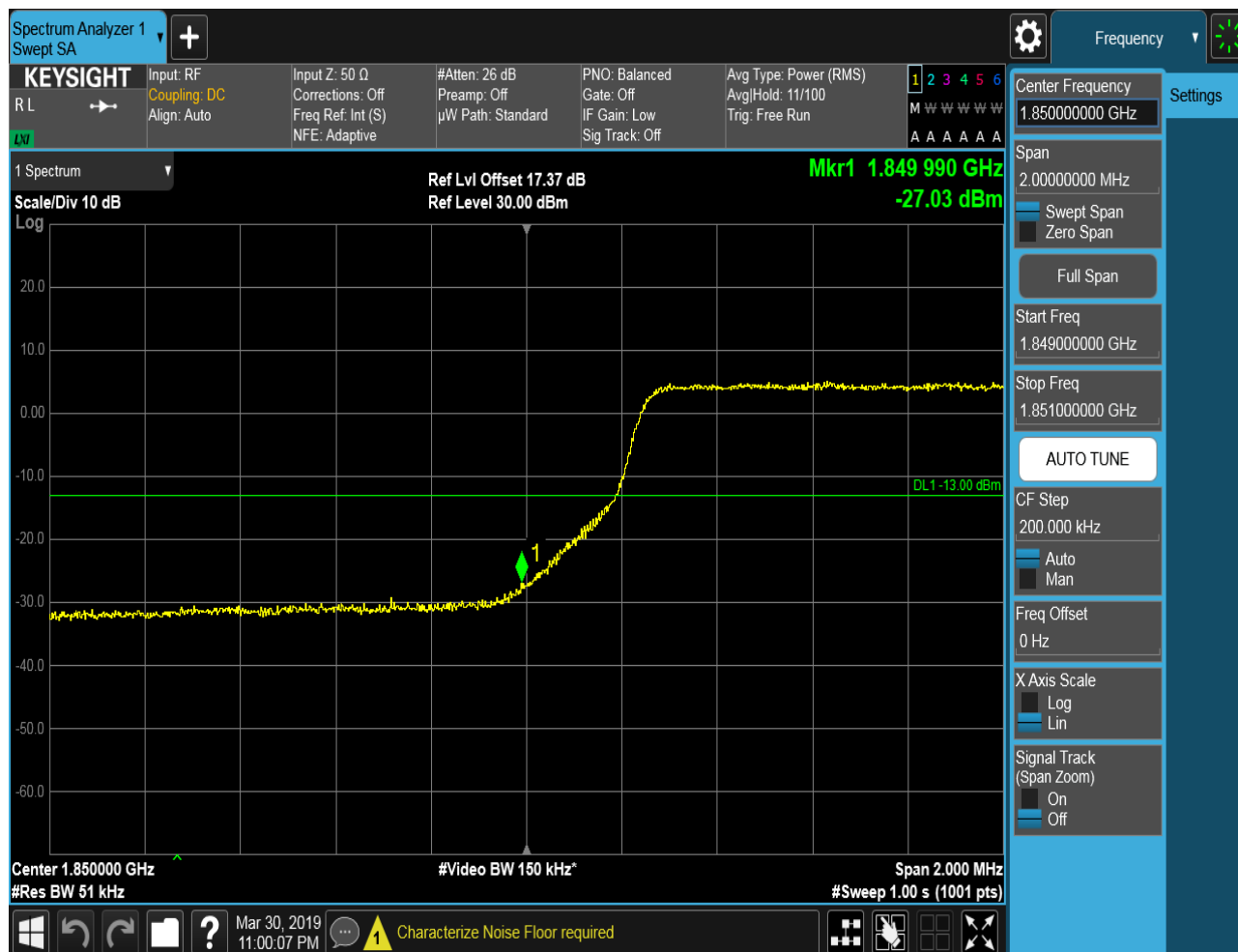
5.1.1.1.3.1.2 Test RB = RB1#24



5.1.1.1.3.1.3 Test RB = RB12#6

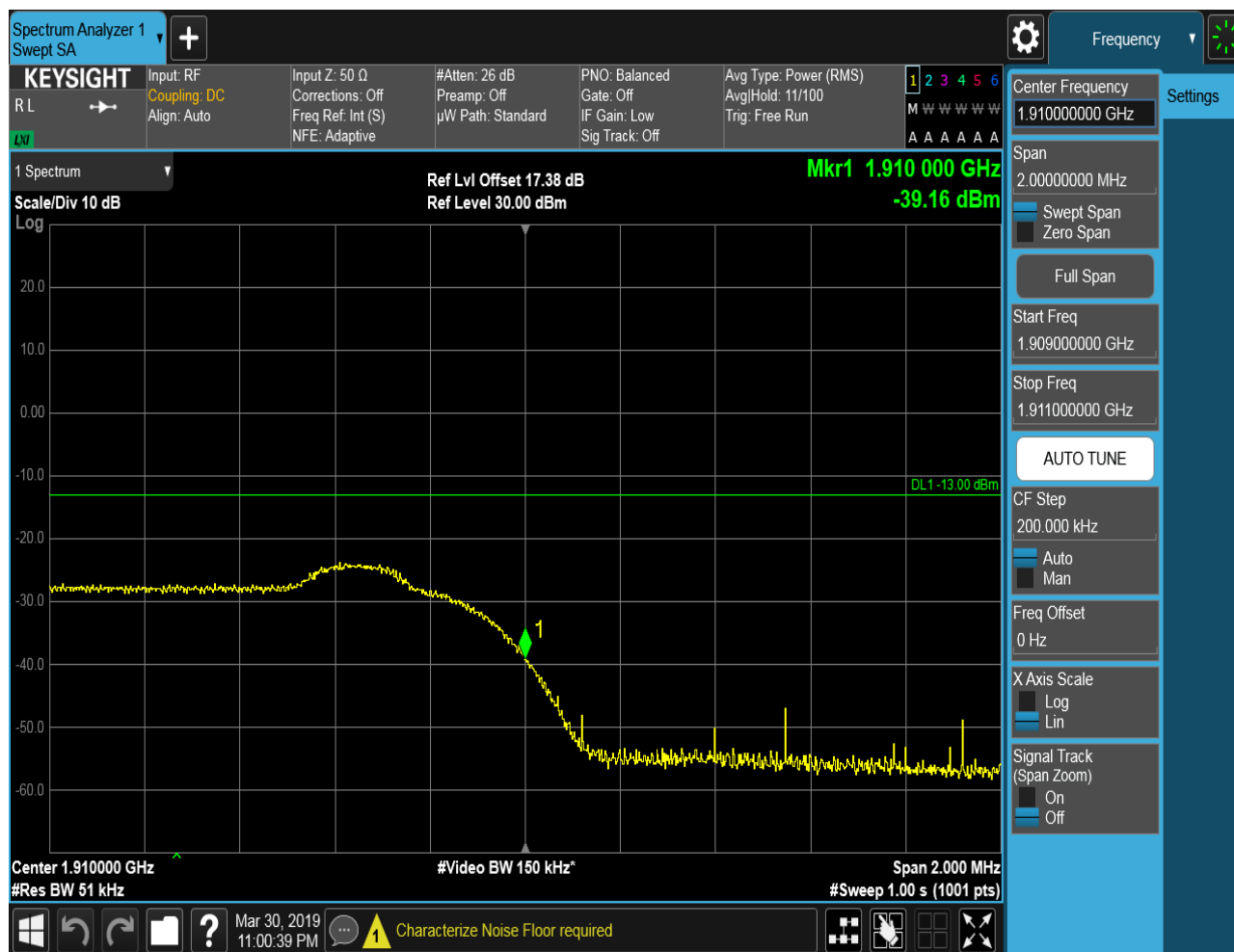


5.1.1.1.3.1.4 Test RB = RB25#0

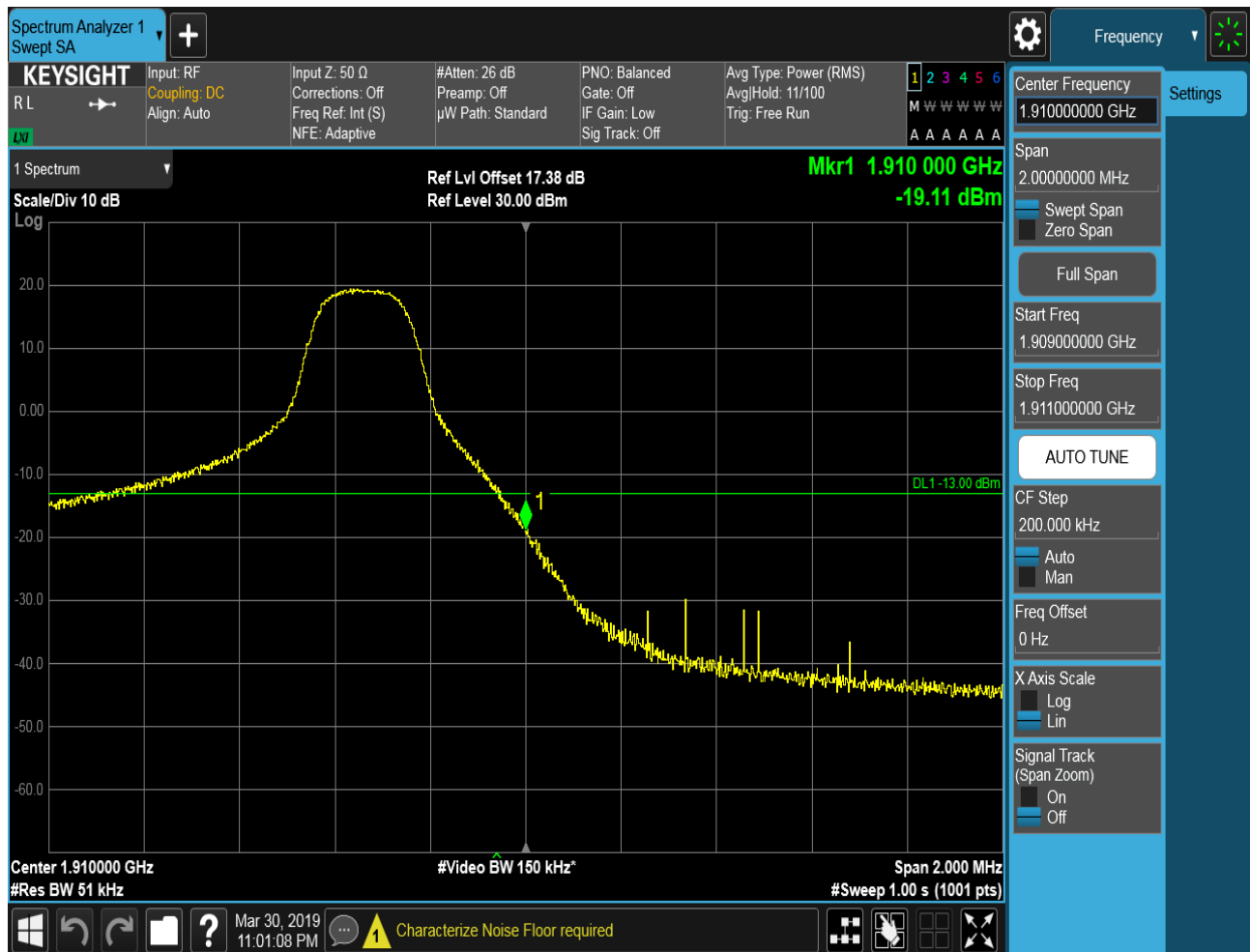


5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



5.1.1.1.3.2.2 Test RB = RB1#24



5.1.1.1.3.2.3 Test RB = RB12#6



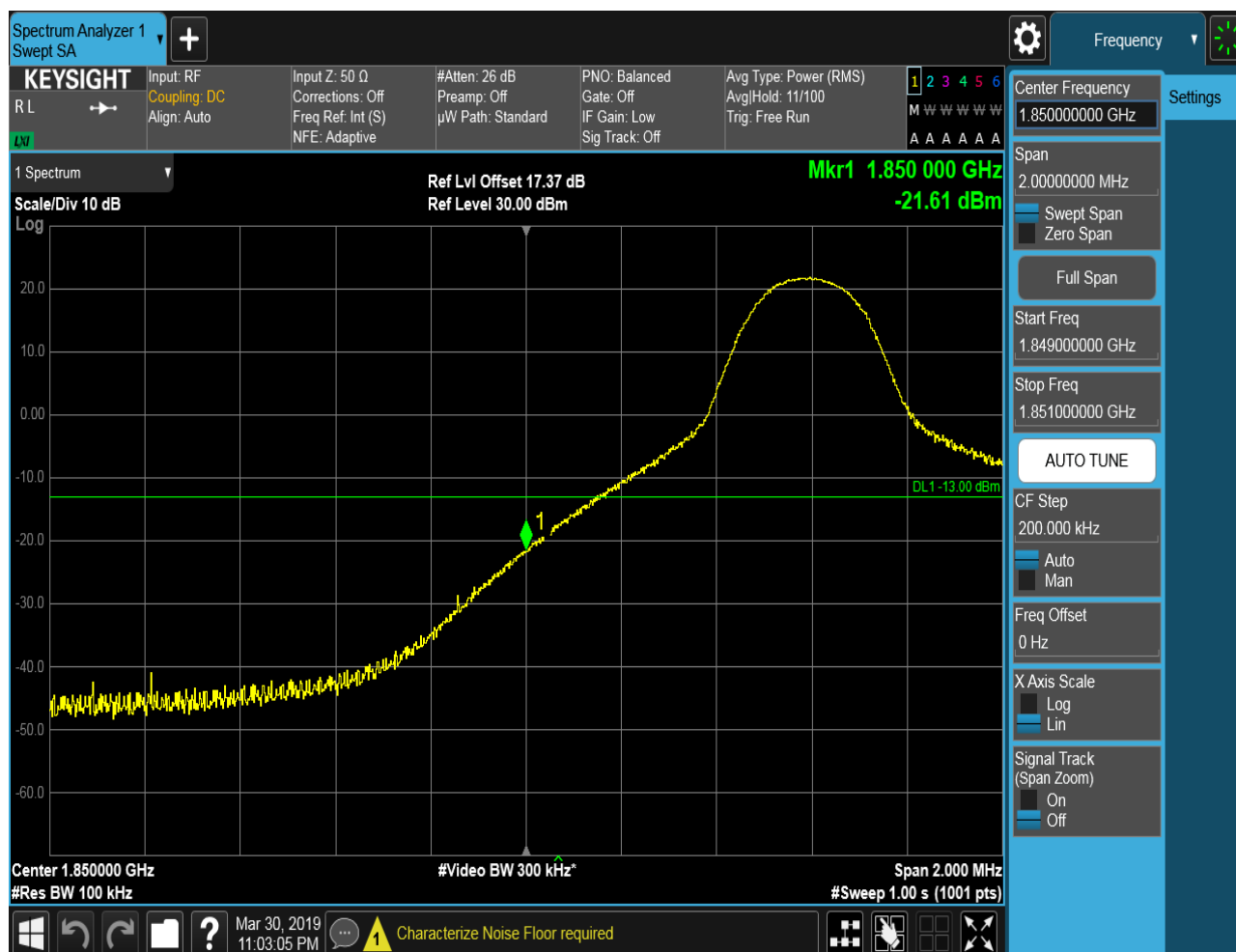
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

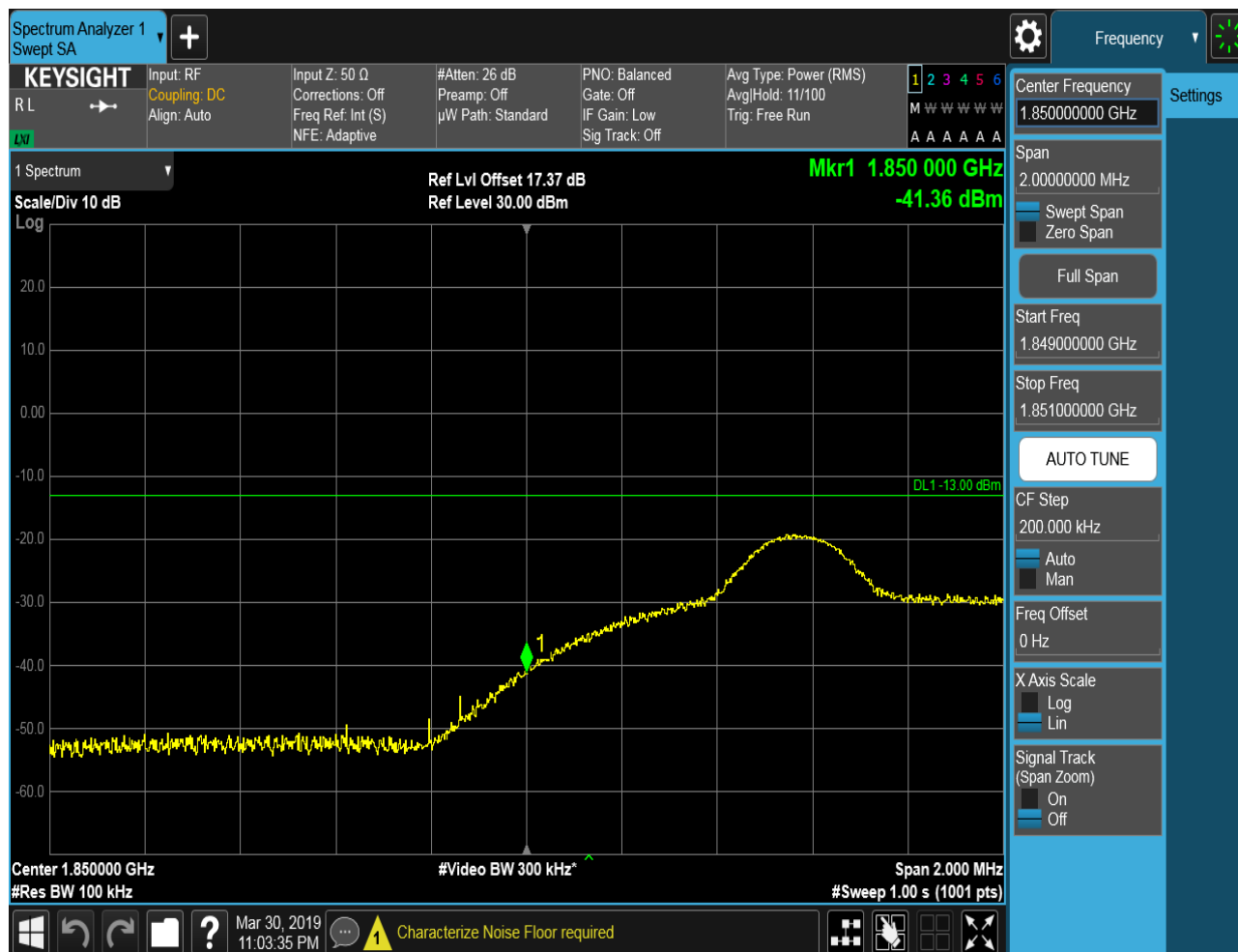
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0

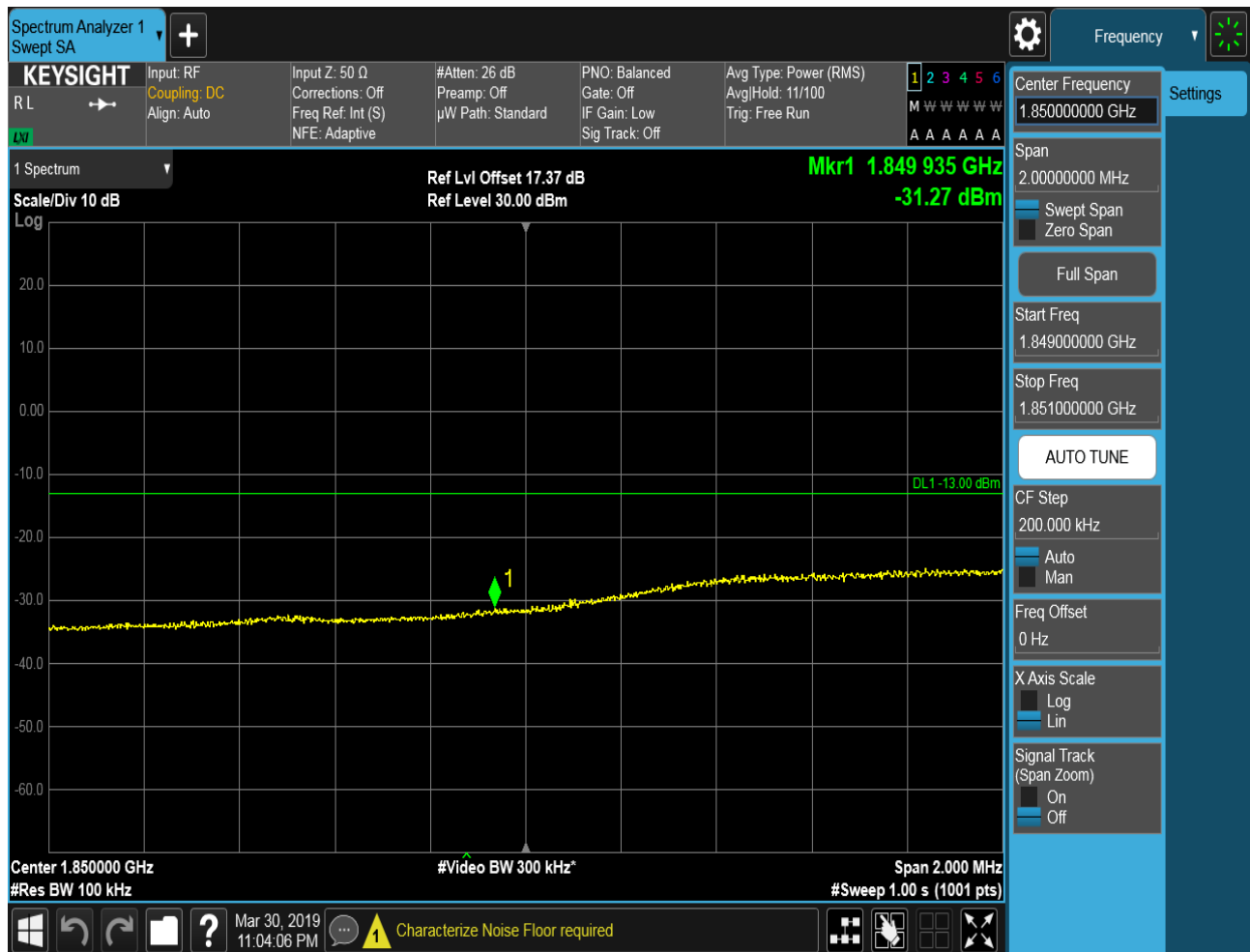




5.1.1.1.4.1.2 Test RB = RB1#49



5.1.1.1.4.1.3 Test RB = RB25#13



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

