

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
Band4	LTE/TM1	1.4	LCH	RB1#0	23.36	21.76	30	PASS
				RB1#3	23.11	21.51	30	PASS
				RB1#5	23.30	21.7	30	PASS
				RB3#0	23.04	21.44	30	PASS
				RB3#2	23.13	21.53	30	PASS
				RB3#3	23.24	21.64	30	PASS
				RB6#0	22.22	20.62	30	PASS
			MCH	RB1#0	23.46	21.86	30	PASS
				RB1#3	23.19	21.59	30	PASS
				RB1#5	23.46	21.86	30	PASS
				RB3#0	23.30	21.7	30	PASS
				RB3#2	23.00	21.4	30	PASS
				RB3#3	23.30	21.7	30	PASS
				RB6#0	22.34	20.74	30	PASS
			HCH	RB1#0	23.40	21.8	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#3	23.12	21.52	30	PASS
				RB1#5	23.39	21.79	30	PASS
				RB3#0	23.31	21.71	30	PASS
				RB3#2	23.20	21.6	30	PASS
				RB3#3	23.41	21.81	30	PASS
				RB6#0	22.39	20.79	30	PASS
		3	LCH	RB1#0	23.34	21.74	30	PASS
				RB1#7	22.82	21.22	30	PASS
				RB1#14	23.33	21.73	30	PASS
				RB8#0	22.29	20.69	30	PASS
				RB8#4	22.26	20.66	30	PASS
				RB8#7	22.30	20.7	30	PASS
				RB15#0	22.32	20.72	30	PASS
			MCH	RB1#0	23.42	21.82	30	PASS
				RB1#7	23.53	21.93	30	PASS
				RB1#14	23.37	21.77	30	PASS
				RB8#0	22.31	20.71	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#4	22.17	20.57	30	PASS
				RB8#7	22.35	20.75	30	PASS
				RB15#0	22.40	20.8	30	PASS
			HCH	RB1#0	23.44	21.84	30	PASS
				RB1#7	21.69	20.09	30	PASS
				RB1#14	23.55	21.95	30	PASS
				RB8#0	22.37	20.77	30	PASS
				RB8#4	22.34	20.74	30	PASS
				RB8#7	22.37	20.77	30	PASS
				RB15#0	22.46	20.86	30	PASS
		5	LCH	RB1#0	23.37	21.77	30	PASS
				RB1#13	23.37	21.77	30	PASS
				RB1#24	23.40	21.8	30	PASS
				RB12#0	22.44	20.84	30	PASS
				RB12#6	22.33	20.73	30	PASS
				RB12#13	22.39	20.79	30	PASS
				RB25#0	22.32	20.72	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	23.39	21.79	30	PASS
				RB1#13	23.39	21.79	30	PASS
				RB1#24	23.38	21.78	30	PASS
				RB12#0	22.43	20.83	30	PASS
				RB12#6	22.42	20.82	30	PASS
				RB12#13	22.36	20.76	30	PASS
				RB25#0	22.37	20.77	30	PASS
			HCH	RB1#0	23.40	21.8	30	PASS
				RB1#13	23.39	21.79	30	PASS
				RB1#24	23.41	21.81	30	PASS
				RB12#0	22.47	20.87	30	PASS
				RB12#6	22.46	20.86	30	PASS
				RB12#13	22.45	20.85	30	PASS
				RB25#0	22.46	20.86	30	PASS
		10	LCH	RB1#0	23.37	21.77	30	PASS
				RB1#25	23.12	21.52	30	PASS
				RB1#49	23.37	21.77	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.35	20.75	30	PASS
				RB25#13	22.35	20.75	30	PASS
				RB25#25	22.32	20.72	30	PASS
				RB50#0	22.38	20.78	30	PASS
			MCH	RB1#0	23.34	21.74	30	PASS
				RB1#25	23.03	21.43	30	PASS
				RB1#49	23.29	21.69	30	PASS
				RB25#0	22.40	20.8	30	PASS
				RB25#13	22.39	20.79	30	PASS
				RB25#25	22.42	20.82	30	PASS
				RB50#0	22.34	20.74	30	PASS
			HCH	RB1#0	23.32	21.72	30	PASS
				RB1#25	23.19	21.59	30	PASS
				RB1#49	23.32	21.72	30	PASS
				RB25#0	22.40	20.8	30	PASS
				RB25#13	22.39	20.79	30	PASS
				RB25#25	22.37	20.77	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		15		RB50#0	22.39	20.79	30	PASS
				RB1#0	23.34	21.74	30	PASS
			LCH	RB1#38	23.39	21.79	30	PASS
				RB1#74	23.36	21.76	30	PASS
				RB38#0	22.42	20.82	30	PASS
				RB38#19	22.40	20.8	30	PASS
				RB38#39	22.39	20.79	30	PASS
				RB75#0	22.38	20.78	30	PASS
			MCH	RB1#0	23.38	21.78	30	PASS
				RB1#38	23.38	21.78	30	PASS
				RB1#74	23.30	21.7	30	PASS
				RB38#0	22.38	20.78	30	PASS
				RB38#19	22.41	20.81	30	PASS
				RB38#39	22.38	20.78	30	PASS
				RB75#0	22.38	20.78	30	PASS
			HCH	RB1#0	23.35	21.75	30	PASS
				RB1#38	23.39	21.79	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#74	23.40	21.8	30	PASS
				RB38#0	22.37	20.77	30	PASS
				RB38#19	22.41	20.81	30	PASS
				RB38#39	22.45	20.85	30	PASS
				RB75#0	22.35	20.75	30	PASS
		20	LCH	RB1#0	23.54	21.94	30	PASS
				RB1#50	22.98	21.38	30	PASS
				RB1#99	23.53	21.93	30	PASS
				RB50#0	22.46	20.86	30	PASS
				RB50#25	22.40	20.8	30	PASS
				RB50#50	22.45	20.85	30	PASS
				RB100#0	22.41	20.81	30	PASS
			MCH	RB1#0	23.52	21.92	30	PASS
				RB1#50	23.14	21.54	30	PASS
				RB1#99	23.62	22.02	30	PASS
				RB50#0	22.38	20.78	30	PASS
				RB50#25	22.37	20.77	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	22.37	20.77	30	PASS
				RB100#0	22.44	20.84	30	PASS
			HCH	RB1#0	23.57	21.97	30	PASS
				RB1#50	23.09	21.49	30	PASS
				RB1#99	23.68	22.08	30	PASS
				RB50#0	22.44	20.84	30	PASS
				RB50#25	22.38	20.78	30	PASS
				RB50#50	22.44	20.84	30	PASS
				RB100#0	22.39	20.79	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.50	20.9	30	PASS
				RB1#3	22.09	20.49	30	PASS
				RB1#5	22.47	20.87	30	PASS
				RB3#0	22.24	20.64	30	PASS
				RB3#2	22.03	20.43	30	PASS
				RB3#3	22.31	20.71	30	PASS
				RB6#0	21.32	19.72	30	PASS
			MCH	RB1#0	22.46	20.86	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[d Bm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#3	22.27	20.67	30	PASS
				RB1#5	22.47	20.87	30	PASS
				RB3#0	22.31	20.71	30	PASS
				RB3#2	22.33	20.73	30	PASS
				RB3#3	22.30	20.7	30	PASS
				RB6#0	21.01	19.41	30	PASS
			HCH	RB1#0	22.87	21.27	30	PASS
				RB1#3	22.39	20.79	30	PASS
				RB1#5	22.61	21.01	30	PASS
				RB3#0	22.50	20.9	30	PASS
				RB3#2	22.33	20.73	30	PASS
				RB3#3	22.45	20.85	30	PASS
				RB6#0	21.36	19.76	30	PASS
		3	LCH	RB1#0	22.57	20.97	30	PASS
				RB1#7	22.32	20.72	30	PASS
				RB1#14	22.43	20.83	30	PASS
				RB8#0	21.35	19.75	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#4	21.35	19.75	30	PASS
				RB8#7	21.29	19.69	30	PASS
				RB15#0	21.36	19.76	30	PASS
			MCH	RB1#0	22.52	20.92	30	PASS
				RB1#7	22.41	20.81	30	PASS
				RB1#14	22.39	20.79	30	PASS
				RB8#0	21.27	19.67	30	PASS
				RB8#4	21.21	19.61	30	PASS
				RB8#7	21.30	19.7	30	PASS
				RB15#0	21.37	19.77	30	PASS
			HCH	RB1#0	22.64	21.04	30	PASS
				RB1#7	21.95	20.35	30	PASS
				RB1#14	22.55	20.95	30	PASS
				RB8#0	21.38	19.78	30	PASS
				RB8#4	21.35	19.75	30	PASS
				RB8#7	21.33	19.73	30	PASS
				RB15#0	21.38	19.78	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB1#0	22.71	21.11	30	PASS
				RB1#13	22.67	21.07	30	PASS
				RB1#24	22.74	21.14	30	PASS
				RB12#0	21.41	19.81	30	PASS
				RB12#6	21.43	19.83	30	PASS
				RB12#13	21.35	19.75	30	PASS
				RB25#0	21.34	19.74	30	PASS
			MCH	RB1#0	22.77	21.17	30	PASS
				RB1#13	22.74	21.14	30	PASS
				RB1#24	22.84	21.24	30	PASS
				RB12#0	21.32	19.72	30	PASS
				RB12#6	21.39	19.79	30	PASS
				RB12#13	21.38	19.78	30	PASS
				RB25#0	21.29	19.69	30	PASS
			HCH	RB1#0	22.58	20.98	30	PASS
				RB1#13	22.62	21.02	30	PASS
				RB1#24	22.60	21	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#0	21.47	19.87	30	PASS
				RB12#6	21.38	19.78	30	PASS
				RB12#13	21.48	19.88	30	PASS
				RB25#0	21.35	19.75	30	PASS
		10	LCH	RB1#0	22.50	20.9	30	PASS
				RB1#25	22.12	20.52	30	PASS
				RB1#49	22.45	20.85	30	PASS
				RB25#0	21.33	19.73	30	PASS
				RB25#13	21.35	19.75	30	PASS
				RB25#25	21.27	19.67	30	PASS
				RB50#0	21.34	19.74	30	PASS
			MCH	RB1#0	22.64	21.04	30	PASS
				RB1#25	22.17	20.57	30	PASS
				RB1#49	22.57	20.97	30	PASS
				RB25#0	21.27	19.67	30	PASS
				RB25#13	21.34	19.74	30	PASS
				RB25#25	21.27	19.67	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.31	19.71	30	PASS
			HCH	RB1#0	22.63	21.03	30	PASS
				RB1#25	22.34	20.74	30	PASS
				RB1#49	22.68	21.08	30	PASS
				RB25#0	21.30	19.7	30	PASS
				RB25#13	21.36	19.76	30	PASS
				RB25#25	21.36	19.76	30	PASS
				RB50#0	21.35	19.75	30	PASS
		15	LCH	RB1#0	22.47	20.87	30	PASS
				RB1#38	22.40	20.8	30	PASS
				RB1#74	22.45	20.85	30	PASS
				RB38#0	21.38	19.78	30	PASS
				RB38#19	21.38	19.78	30	PASS
				RB38#39	21.40	19.8	30	PASS
				RB75#0	21.30	19.7	30	PASS
			MCH	RB1#0	22.73	21.13	30	PASS
				RB1#38	22.46	20.86	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#74	22.40	20.8	30	PASS
				RB38#0	21.32	19.72	30	PASS
				RB38#19	21.31	19.71	30	PASS
				RB38#39	21.36	19.76	30	PASS
				RB75#0	21.39	19.79	30	PASS
			HCH	RB1#0	22.55	20.95	30	PASS
				RB1#38	22.63	21.03	30	PASS
				RB1#74	22.56	20.96	30	PASS
				RB38#0	21.37	19.77	30	PASS
				RB38#19	21.27	19.67	30	PASS
				RB38#39	21.43	19.83	30	PASS
				RB75#0	21.35	19.75	30	PASS
		20	LCH	RB1#0	22.76	21.16	30	PASS
				RB1#50	22.32	20.72	30	PASS
				RB1#99	22.74	21.14	30	PASS
				RB50#0	21.31	19.71	30	PASS
				RB50#25	21.33	19.73	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	21.30	19.7	30	PASS
				RB100#0	21.35	19.75	30	PASS
			MCH	RB1#0	22.81	21.21	30	PASS
				RB1#50	22.58	20.98	30	PASS
				RB1#99	22.83	21.23	30	PASS
				RB50#0	21.40	19.8	30	PASS
				RB50#25	21.32	19.72	30	PASS
				RB50#50	21.37	19.77	30	PASS
				RB100#0	21.33	19.73	30	PASS
			HCH	RB1#0	22.86	21.26	30	PASS
				RB1#50	22.54	20.94	30	PASS
				RB1#99	22.84	21.24	30	PASS
				RB50#0	21.32	19.72	30	PASS
				RB50#25	21.25	19.65	30	PASS
				RB50#50	21.43	19.83	30	PASS
				RB100#0	21.38	19.78	30	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
Band4	LTE/TM1	1.4	LCH	RB1#0	4.10	13	PASS
				RB1#3	4.06	13	PASS
				RB1#5	4.00	13	PASS
				RB3#0	4.59	13	PASS
				RB3#2	4.47	13	PASS
				RB3#3	4.62	13	PASS
				RB6#0	5.73	13	PASS
			MCH	RB1#0	4.15	13	PASS
				RB1#3	4.21	13	PASS
				RB1#5	4.17	13	PASS
				RB3#0	4.75	13	PASS
				RB3#2	4.68	13	PASS
				RB3#3	4.75	13	PASS
				RB6#0	5.56	13	PASS
			HCH	RB1#0	4.27	13	PASS
				RB1#3	4.05	13	PASS
				RB1#5	4.05	13	PASS
				RB3#0	4.66	13	PASS
				RB3#2	4.58	13	PASS
				RB3#3	4.68	13	PASS
				RB6#0	5.38	13	PASS
		3	LCH	RB1#0	4.38	13	PASS
				RB1#7	4.12	13	PASS
				RB1#14	3.84	13	PASS
				RB8#0	5.27	13	PASS
				RB8#4	5.17	13	PASS
				RB8#7	5.29	13	PASS
				RB15#0	5.39	13	PASS
			MCH	RB1#0	4.24	13	PASS
				RB1#7	4.49	13	PASS
				RB1#14	4.26	13	PASS
				RB8#0	5.59	13	PASS
				RB8#4	5.55	13	PASS
				RB8#7	5.53	13	PASS
				RB15#0	5.40	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.20	13	PASS
				RB1#7	4.27	13	PASS
				RB1#14	4.16	13	PASS
				RB8#0	5.43	13	PASS
				RB8#4	5.37	13	PASS
				RB8#7	5.49	13	PASS
				RB15#0	5.60	13	PASS
		5	LCH	RB1#0	4.08	13	PASS
				RB1#13	3.97	13	PASS
				RB1#24	4.03	13	PASS
				RB12#0	5.30	13	PASS
				RB12#6	5.29	13	PASS
				RB12#13	5.20	13	PASS
				RB25#0	5.77	13	PASS
			MCH	RB1#0	4.22	13	PASS
				RB1#13	3.98	13	PASS
				RB1#24	4.00	13	PASS
				RB12#0	5.19	13	PASS
				RB12#6	5.37	13	PASS
				RB12#13	5.16	13	PASS
				RB25#0	5.73	13	PASS
			HCH	RB1#0	4.27	13	PASS
				RB1#13	4.19	13	PASS
				RB1#24	4.22	13	PASS
				RB12#0	5.35	13	PASS
				RB12#6	5.43	13	PASS
				RB12#13	5.52	13	PASS
				RB25#0	5.77	13	PASS
		10	LCH	RB1#0	4.23	13	PASS
				RB1#25	4.24	13	PASS
				RB1#49	4.09	13	PASS
				RB25#0	5.45	13	PASS
				RB25#13	5.42	13	PASS
				RB25#25	5.49	13	PASS
				RB50#0	5.78	13	PASS
			MCH	RB1#0	4.16	13	PASS
				RB1#25	4.16	13	PASS
				RB1#49	4.19	13	PASS
				RB25#0	5.55	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.46	13	PASS
				RB25#25	5.53	13	PASS
				RB50#0	5.86	13	PASS
			HCH	RB1#0	4.30	13	PASS
				RB1#25	4.38	13	PASS
				RB1#49	4.23	13	PASS
				RB25#0	5.56	13	PASS
				RB25#13	5.40	13	PASS
				RB25#25	5.63	13	PASS
				RB50#0	5.91	13	PASS
		15	LCH	RB1#0	4.25	13	PASS
				RB1#38	4.13	13	PASS
				RB1#74	4.27	13	PASS
				RB38#0	5.49	13	PASS
				RB38#19	5.42	13	PASS
				RB38#39	5.54	13	PASS
				RB75#0	5.98	13	PASS
			MCH	RB1#0	4.24	13	PASS
				RB1#38	4.17	13	PASS
				RB1#74	4.37	13	PASS
				RB38#0	5.78	13	PASS
				RB38#19	5.64	13	PASS
				RB38#39	5.71	13	PASS
				RB75#0	6.11	13	PASS
			HCH	RB1#0	4.45	13	PASS
				RB1#38	4.28	13	PASS
				RB1#74	4.30	13	PASS
				RB38#0	5.73	13	PASS
				RB38#19	5.61	13	PASS
				RB38#39	5.71	13	PASS
				RB75#0	6.08	13	PASS
		20	LCH	RB1#0	3.98	13	PASS
				RB1#50	4.22	13	PASS
				RB1#99	4.17	13	PASS
				RB50#0	5.61	13	PASS
				RB50#25	5.58	13	PASS
				RB50#50	5.65	13	PASS
				RB100#0	6.04	13	PASS
			MCH	RB1#0	3.93	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	4.13	13	PASS
				RB1#99	4.08	13	PASS
				RB50#0	5.68	13	PASS
				RB50#25	5.58	13	PASS
				RB50#50	5.66	13	PASS
				RB100#0	6.05	13	PASS
			HCH	RB1#0	4.23	13	PASS
				RB1#50	4.25	13	PASS
				RB1#99	4.19	13	PASS
				RB50#0	5.70	13	PASS
				RB50#25	5.67	13	PASS
				RB50#50	5.72	13	PASS
				RB100#0	6.16	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.02	13	PASS
				RB1#3	4.71	13	PASS
				RB1#5	5.29	13	PASS
				RB3#0	5.56	13	PASS
				RB3#2	5.44	13	PASS
				RB3#3	5.59	13	PASS
				RB6#0	6.42	13	PASS
			MCH	RB1#0	5.10	13	PASS
				RB1#3	5.11	13	PASS
				RB1#5	5.02	13	PASS
				RB3#0	5.39	13	PASS
				RB3#2	5.63	13	PASS
				RB3#3	5.27	13	PASS
				RB6#0	6.35	13	PASS
		3	HCH	RB1#0	4.73	13	PASS
				RB1#3	4.81	13	PASS
				RB1#5	4.70	13	PASS
				RB3#0	5.44	13	PASS
				RB3#2	5.51	13	PASS
				RB3#3	5.44	13	PASS
				RB6#0	6.30	13	PASS
			LCH	RB1#0	4.69	13	PASS
				RB1#7	5.00	13	PASS
				RB1#14	4.63	13	PASS
				RB8#0	6.32	13	PASS
				RB8#4	6.05	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	6.23	13	PASS
				RB15#0	6.31	13	PASS
			MCH	RB1#0	5.07	13	PASS
				RB1#7	5.32	13	PASS
				RB1#14	5.16	13	PASS
				RB8#0	6.16	13	PASS
				RB8#4	6.12	13	PASS
				RB8#7	6.16	13	PASS
				RB15#0	6.27	13	PASS
			HCH	RB1#0	5.00	13	PASS
				RB1#7	5.33	13	PASS
				RB1#14	4.96	13	PASS
				RB8#0	6.19	13	PASS
				RB8#4	6.05	13	PASS
				RB8#7	6.15	13	PASS
				RB15#0	6.53	13	PASS
		5	LCH	RB1#0	4.89	13	PASS
				RB1#13	4.82	13	PASS
				RB1#24	4.83	13	PASS
				RB12#0	6.12	13	PASS
				RB12#6	6.17	13	PASS
				RB12#13	6.32	13	PASS
				RB25#0	6.40	13	PASS
			MCH	RB1#0	4.87	13	PASS
				RB1#13	4.72	13	PASS
				RB1#24	4.75	13	PASS
				RB12#0	6.41	13	PASS
				RB12#6	6.23	13	PASS
				RB12#13	6.28	13	PASS
				RB25#0	6.52	13	PASS
			HCH	RB1#0	5.03	13	PASS
				RB1#13	4.97	13	PASS
				RB1#24	5.00	13	PASS
				RB12#0	6.35	13	PASS
				RB12#6	6.27	13	PASS
				RB12#13	6.28	13	PASS
				RB25#0	6.60	13	PASS
		10	LCH	RB1#0	4.81	13	PASS
				RB1#25	4.72	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.68	13	PASS
				RB25#0	6.57	13	PASS
				RB25#13	6.48	13	PASS
				RB25#25	6.58	13	PASS
				RB50#0	6.70	13	PASS
			MCH	RB1#0	5.10	13	PASS
				RB1#25	5.13	13	PASS
				RB1#49	5.24	13	PASS
				RB25#0	6.56	13	PASS
				RB25#13	6.34	13	PASS
				RB25#25	6.40	13	PASS
				RB50#0	6.80	13	PASS
			HCH	RB1#0	5.11	13	PASS
				RB1#25	5.06	13	PASS
				RB1#49	5.14	13	PASS
				RB25#0	6.41	13	PASS
				RB25#13	7.67	13	PASS
				RB25#25	6.52	13	PASS
				RB50#0	6.68	13	PASS
		15	LCH	RB1#0	5.00	13	PASS
				RB1#38	4.89	13	PASS
				RB1#74	5.01	13	PASS
				RB38#0	6.53	13	PASS
				RB38#19	6.45	13	PASS
				RB38#39	6.54	13	PASS
				RB75#0	6.86	13	PASS
			MCH	RB1#0	5.22	13	PASS
				RB1#38	5.18	13	PASS
				RB1#74	5.29	13	PASS
				RB38#0	6.71	13	PASS
				RB38#19	6.51	13	PASS
				RB38#39	6.68	13	PASS
				RB75#0	6.98	13	PASS
			HCH	RB1#0	4.98	13	PASS
				RB1#38	4.82	13	PASS
				RB1#74	5.04	13	PASS
				RB38#0	6.60	13	PASS
				RB38#19	6.50	13	PASS
				RB38#39	6.59	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	6.81	13	PASS
		20	LCH	RB1#0	4.91	13	PASS
				RB1#50	4.81	13	PASS
				RB1#99	4.98	13	PASS
				RB50#0	6.38	13	PASS
				RB50#25	6.37	13	PASS
				RB50#50	6.53	13	PASS
				RB100#0	6.98	13	PASS
			MCH	RB1#0	4.95	13	PASS
				RB1#50	5.22	13	PASS
				RB1#99	5.06	13	PASS
				RB50#0	6.67	13	PASS
				RB50#25	6.58	13	PASS
				RB50#50	6.68	13	PASS
				RB100#0	7.02	13	PASS
			HCH	RB1#0	5.07	13	PASS
				RB1#50	5.28	13	PASS
				RB1#99	5.04	13	PASS
				RB50#0	6.70	13	PASS
				RB50#25	6.60	13	PASS
				RB50#50	6.69	13	PASS
				RB100#0	7.00	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

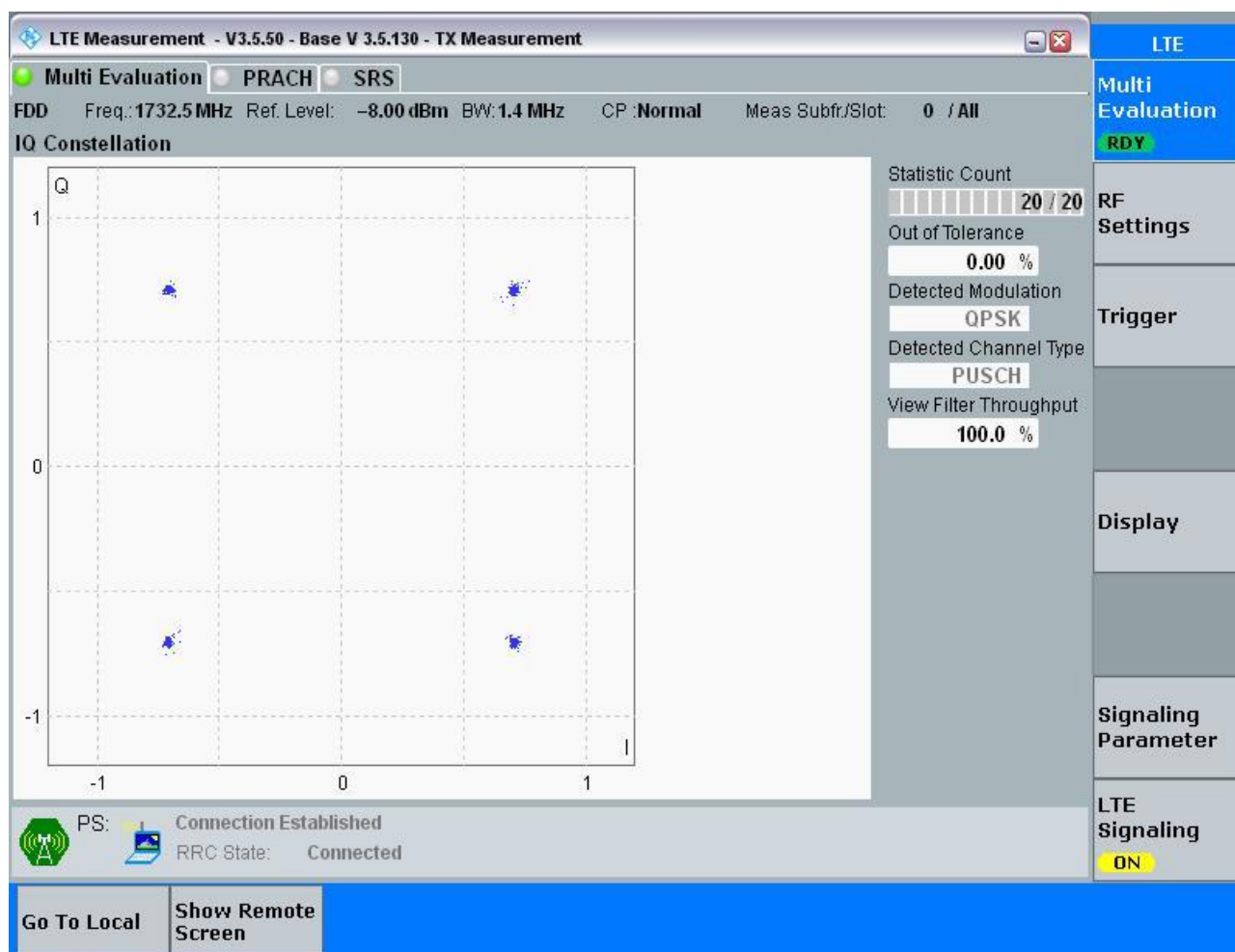
3.1.1 Test Band = Band4

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

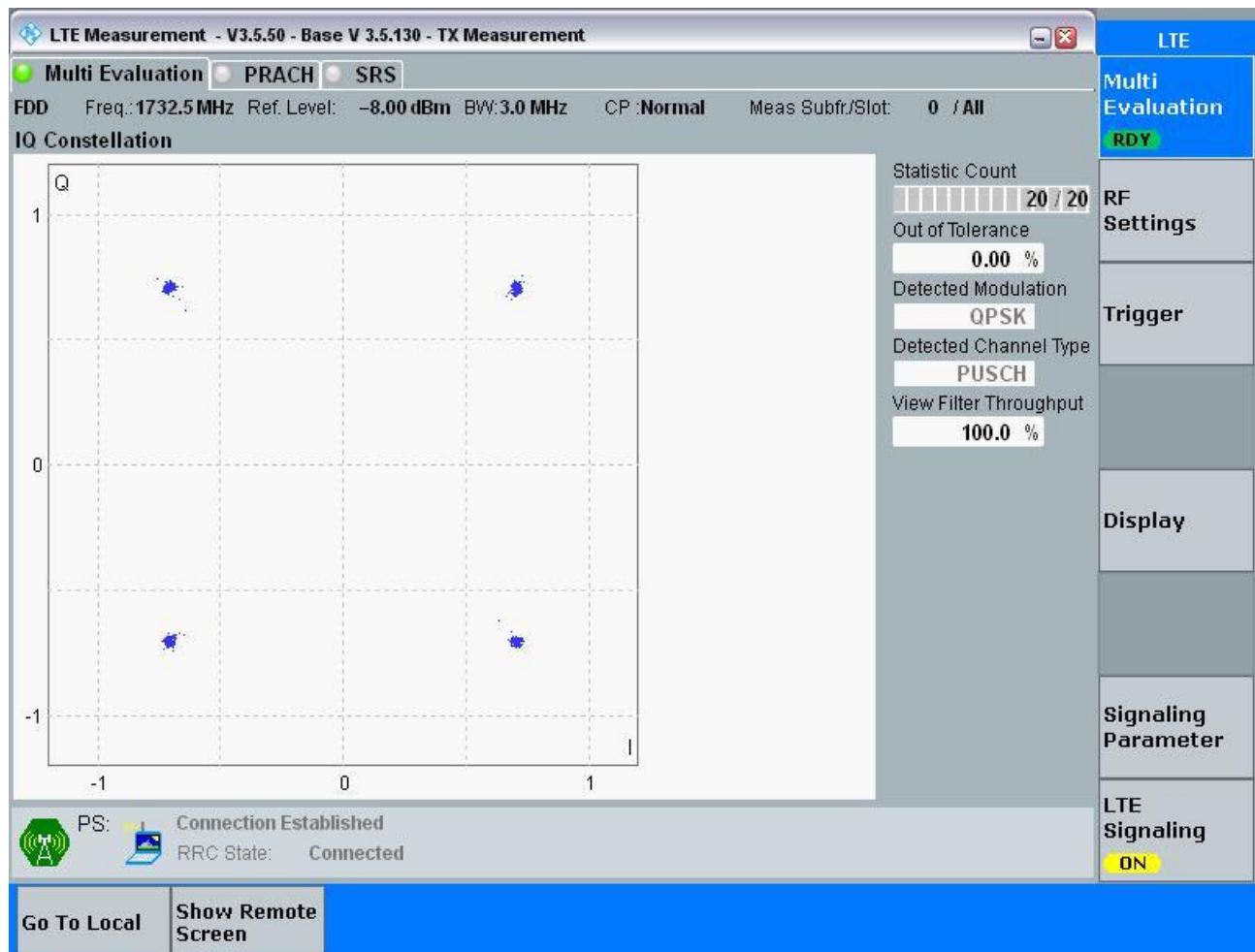
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

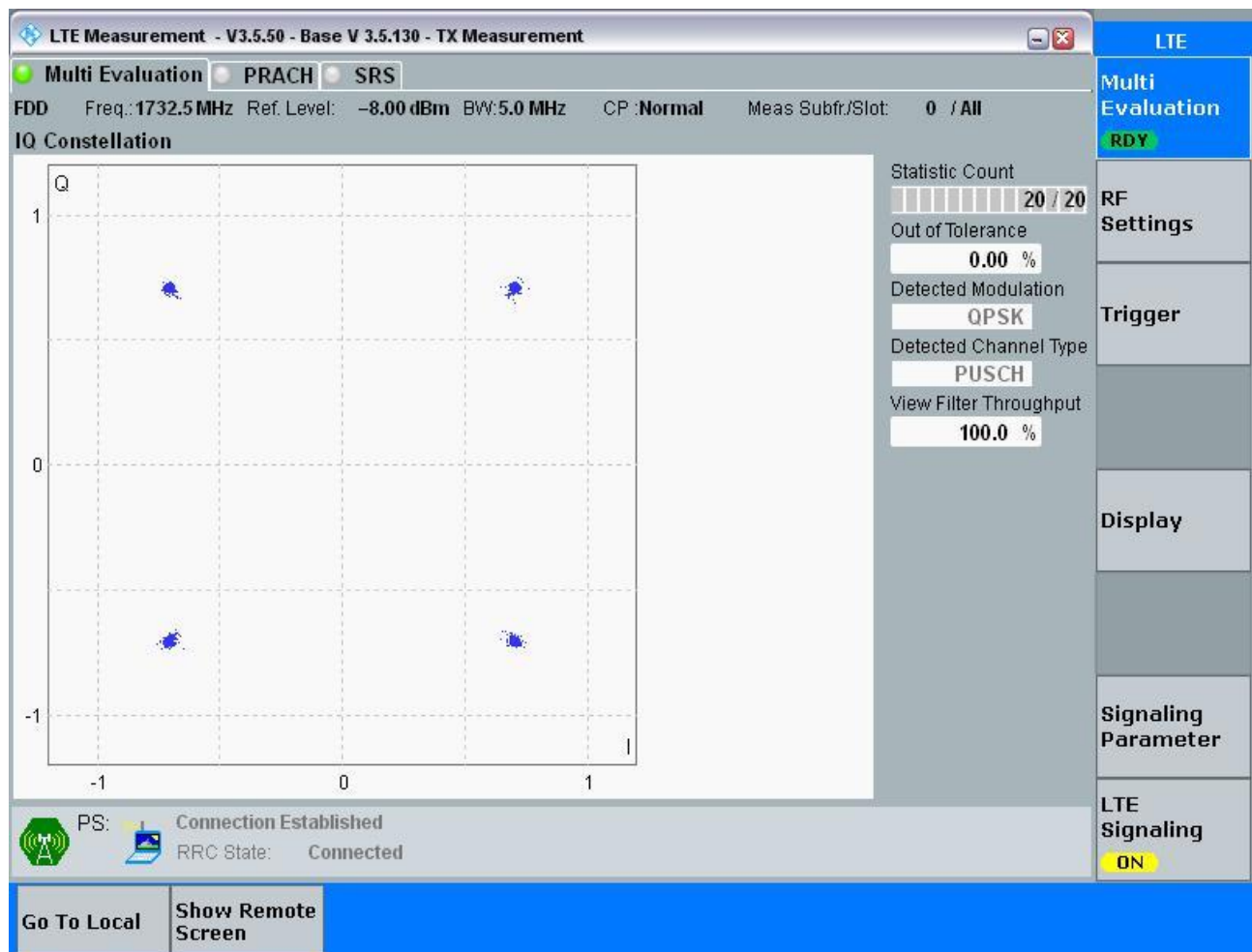
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

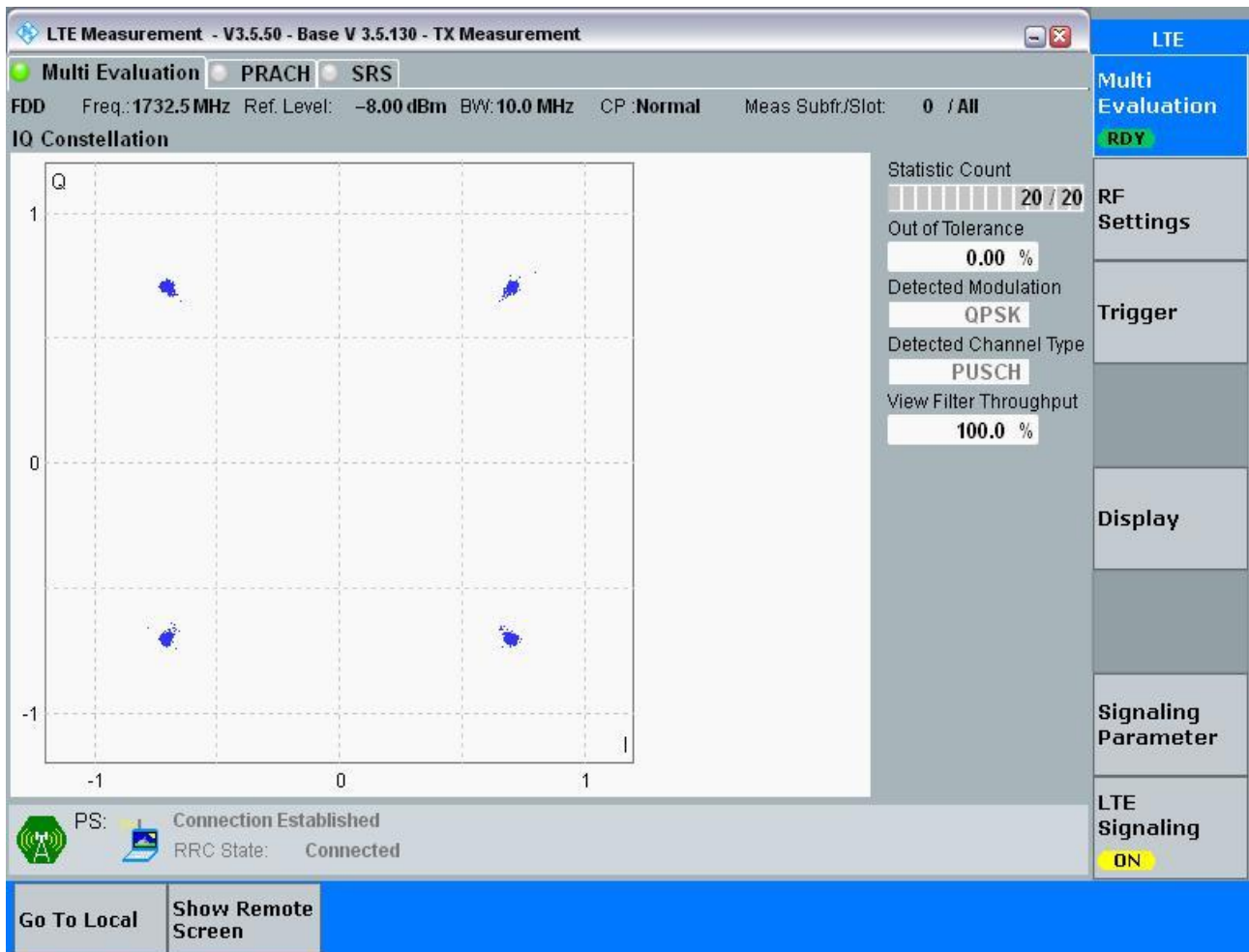
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

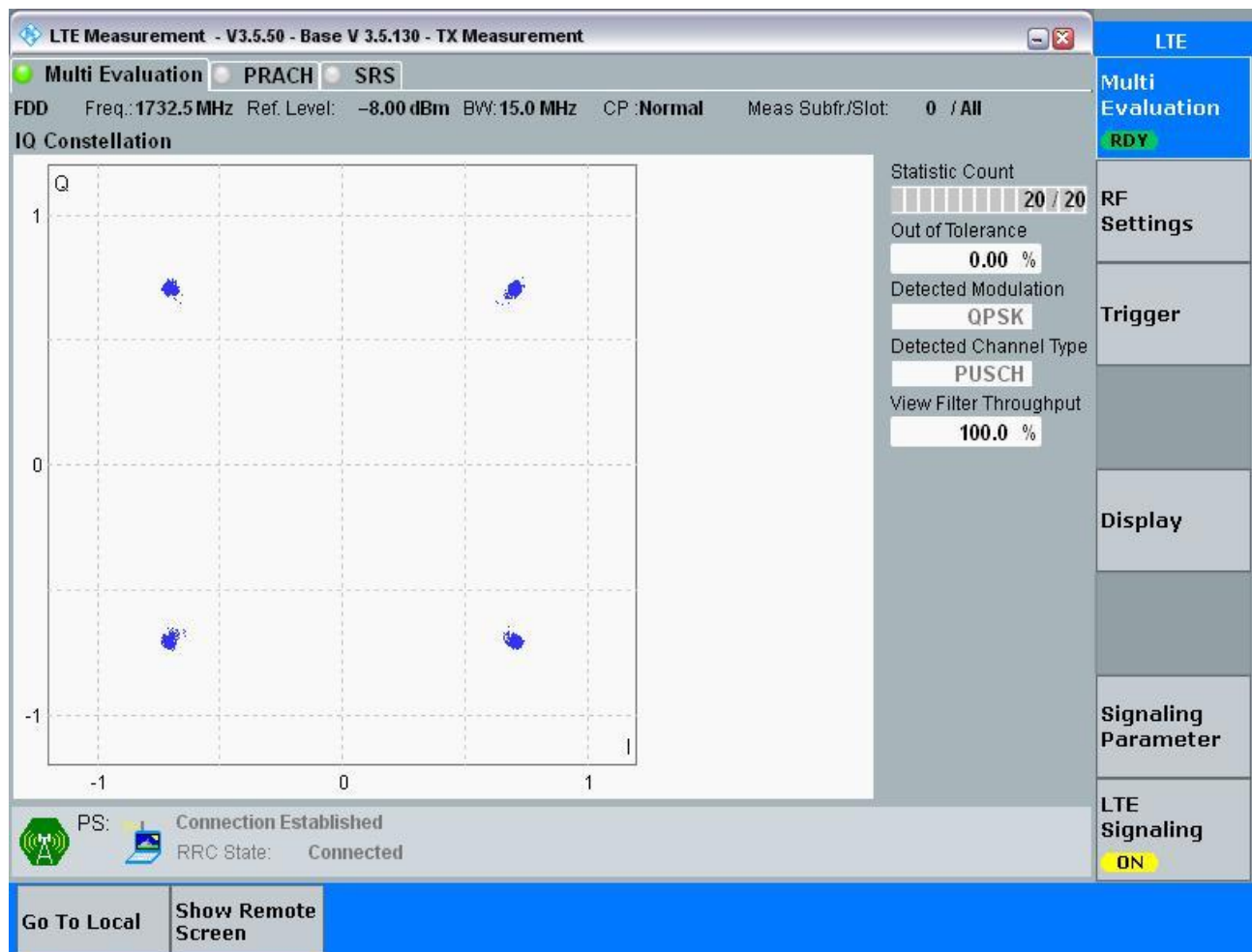
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

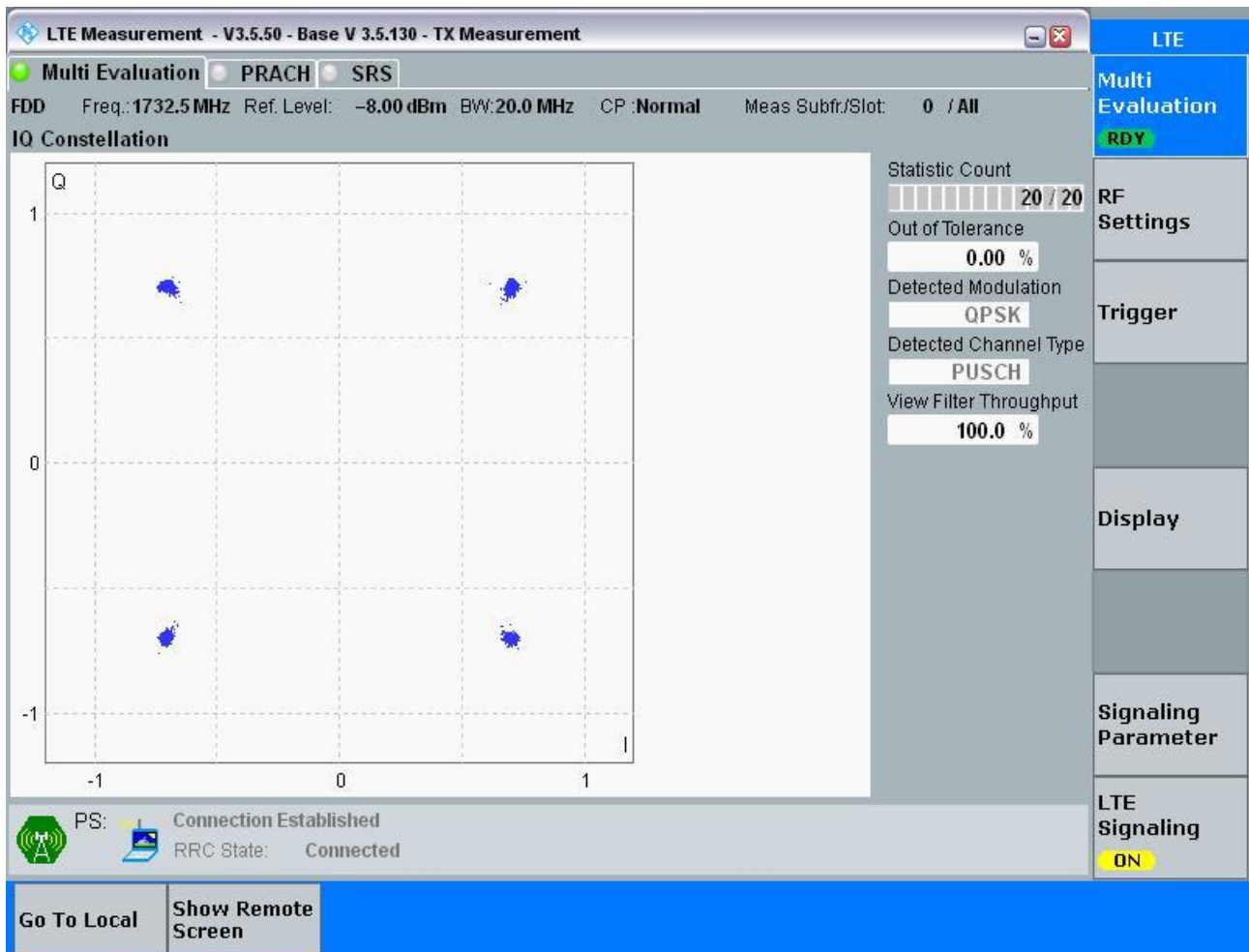
3.1.1.1.5.1.1 Test RB = RB75#0



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

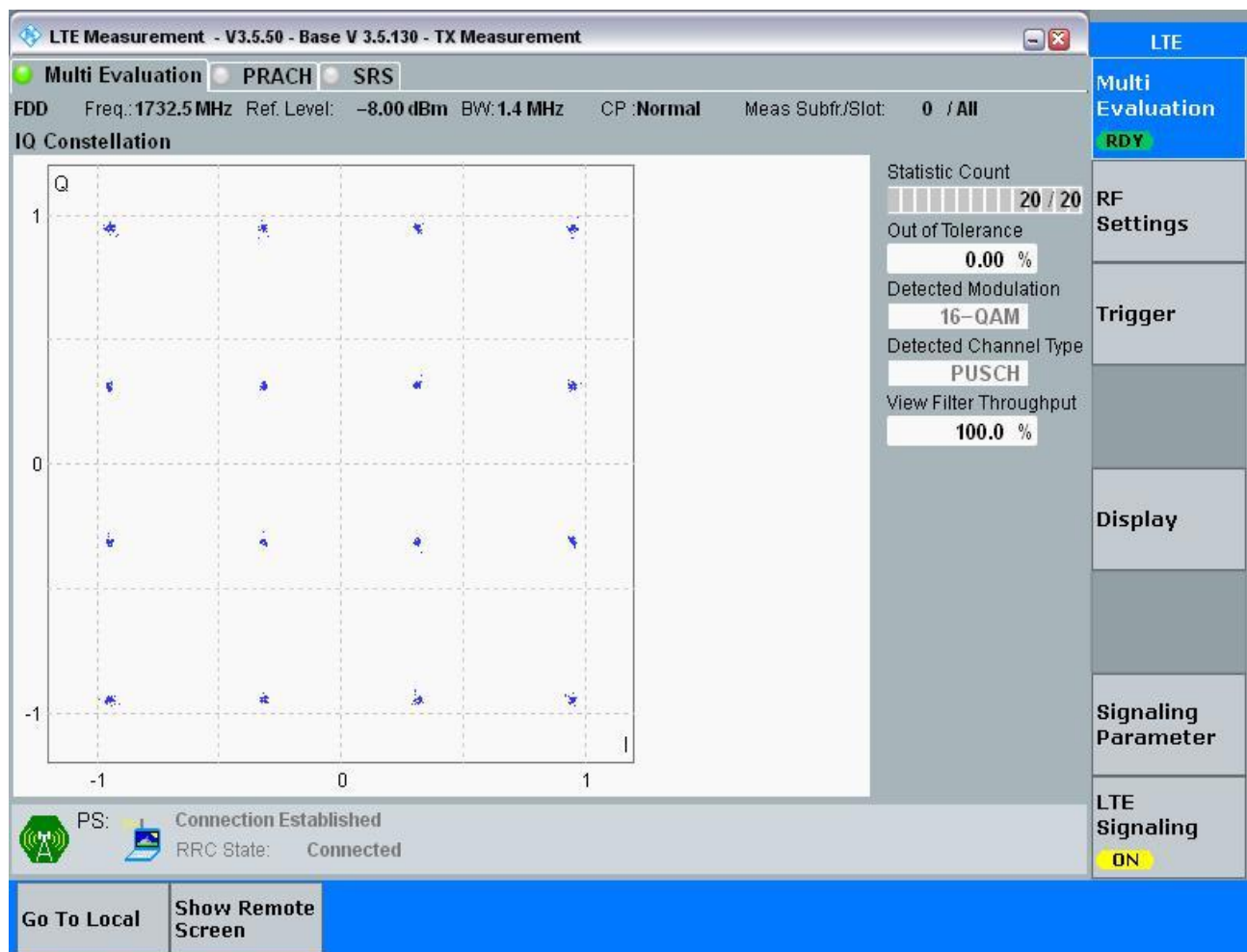


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

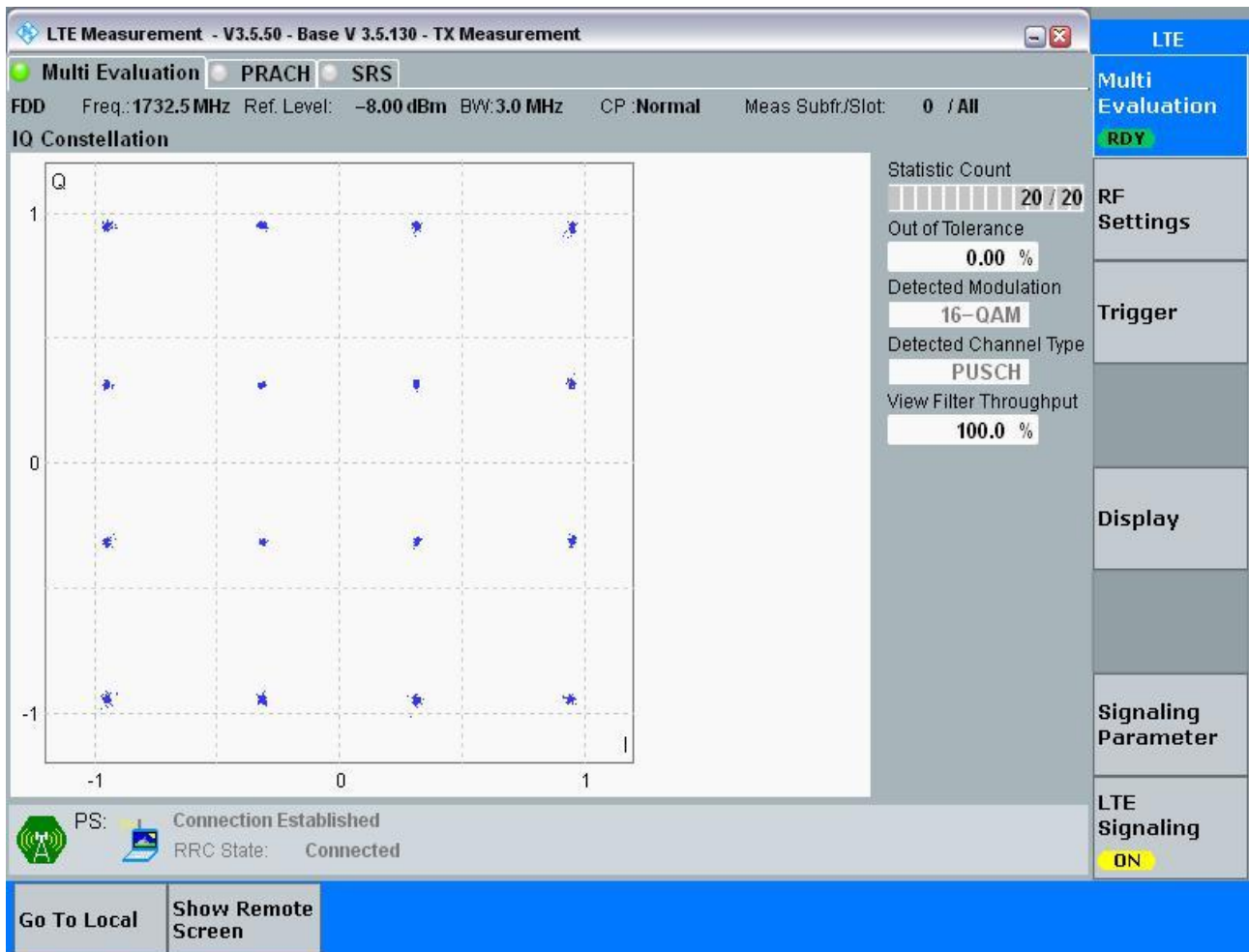
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

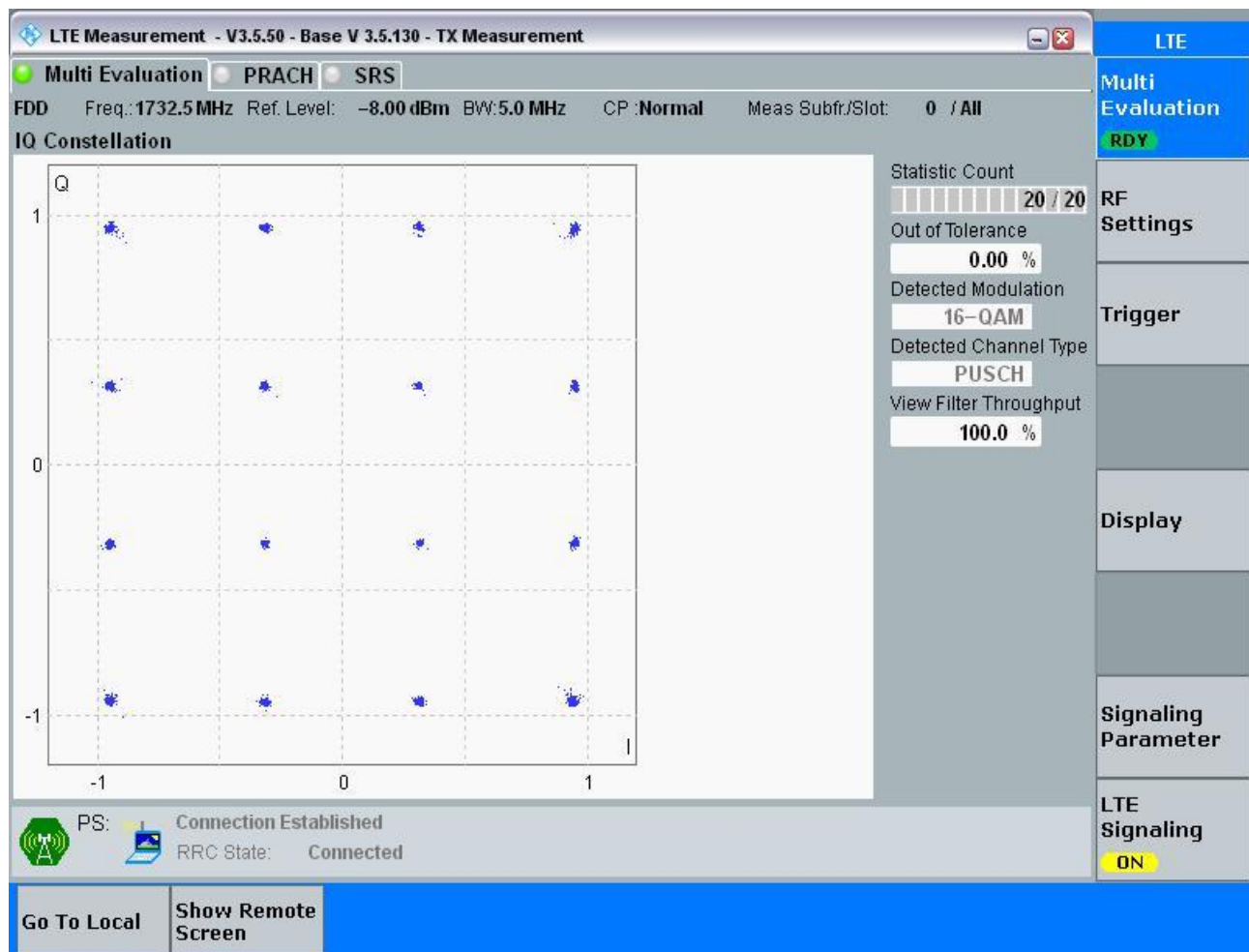
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

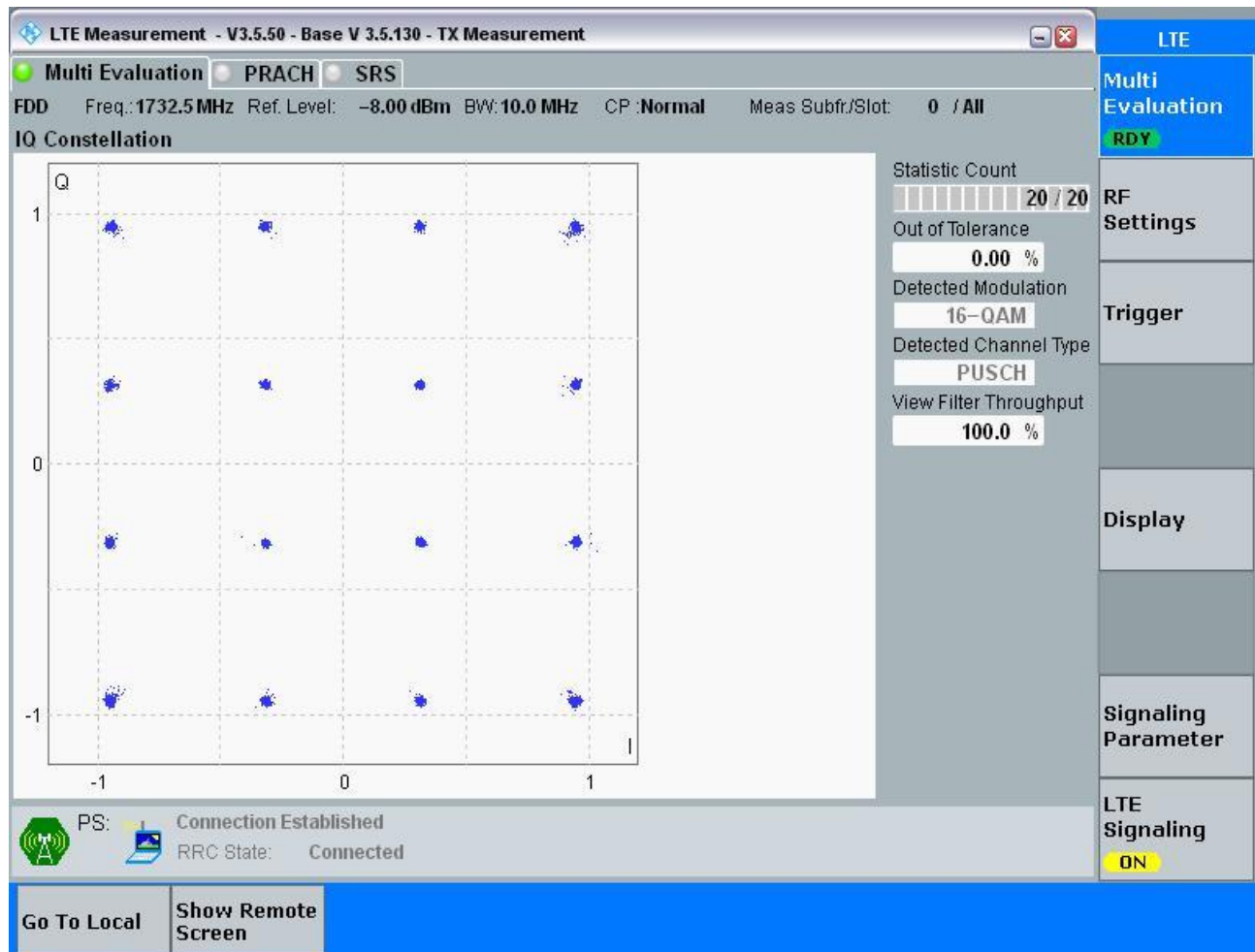
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

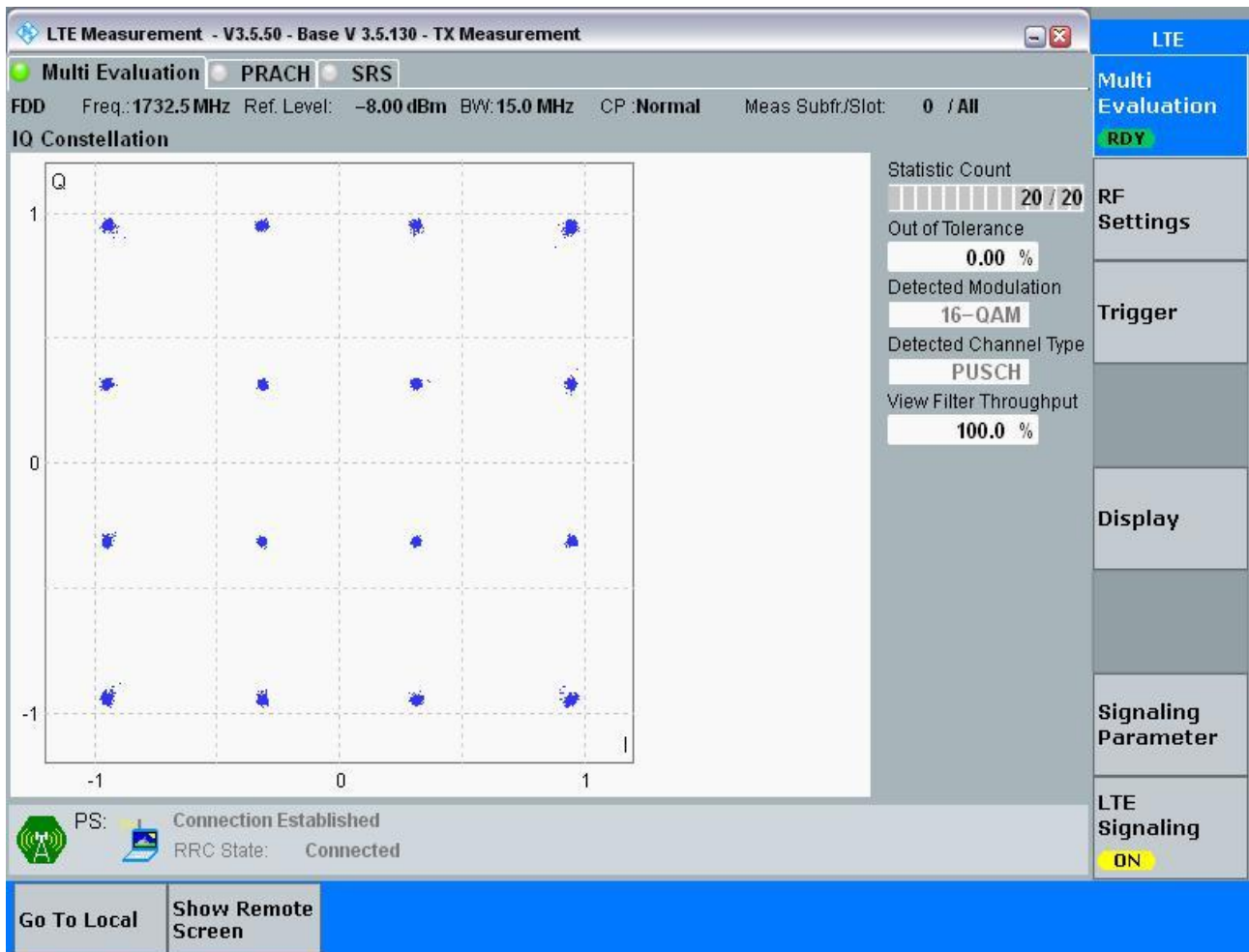
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

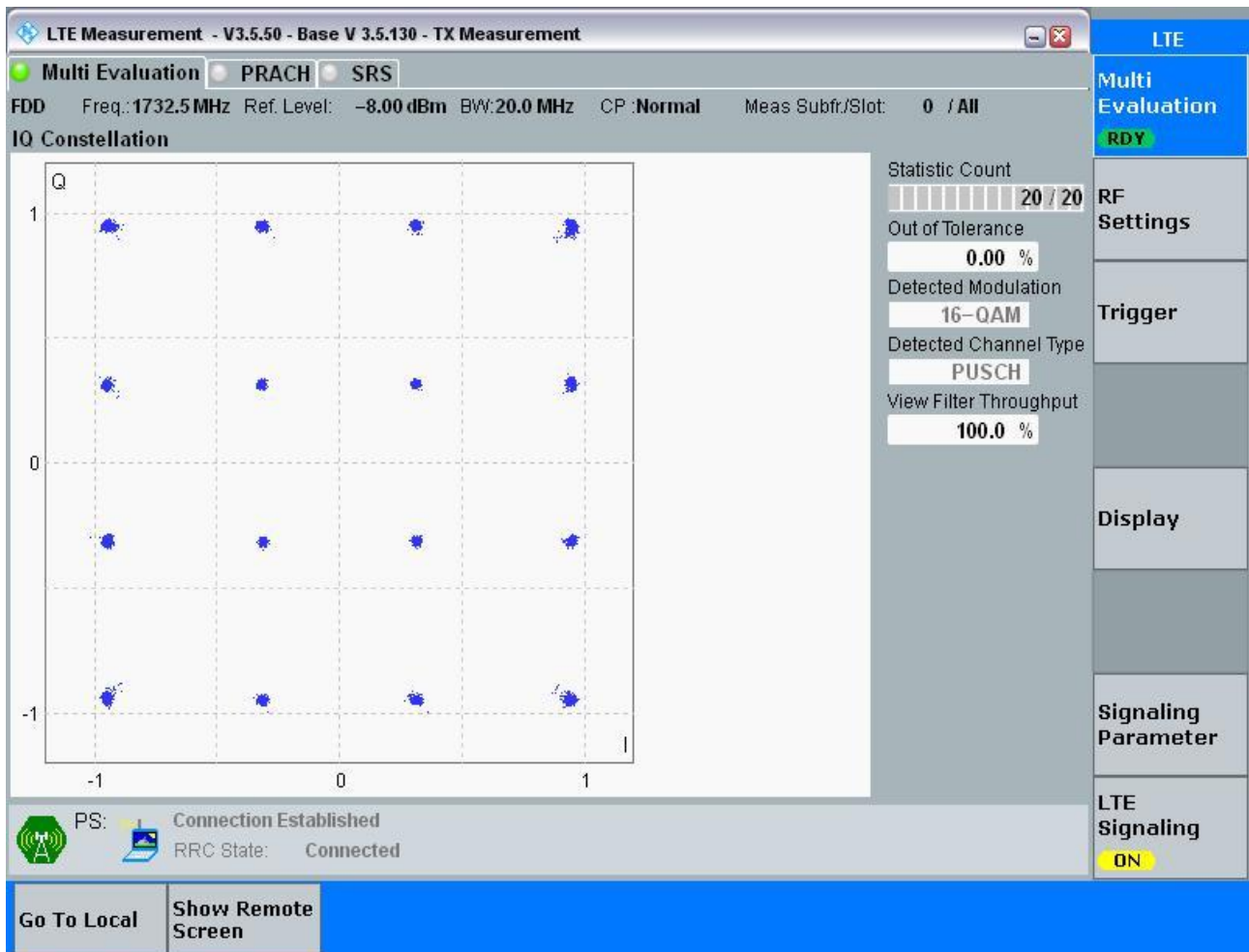
3.1.1.2.5.1.1 Test RB = RB75#0



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
Band4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.50	4.98	Pass
			HCH	RB25#0	4.52	4.99	Pass
		10	LCH	RB50#0	8.98	9.90	Pass
			MCH	RB50#0	9.01	9.89	Pass
			HCH	RB50#0	9.01	9.92	Pass
		15	LCH	RB75#0	13.51	15.07	Pass
			MCH	RB75#0	13.51	14.97	Pass
			HCH	RB75#0	13.51	15.02	Pass
		20	LCH	RB100#0	17.97	19.70	Pass
			MCH	RB100#0	18.01	19.70	Pass
			HCH	RB100#0	18.04	19.72	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.25	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.72	2.97	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.52	4.99	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	8.99	9.92	Pass
			MCH	RB50#0	8.99	9.86	Pass
			HCH	RB50#0	9.00	9.90	Pass
		15	LCH	RB75#0	13.49	14.92	Pass
			MCH	RB75#0	13.54	14.87	Pass
			HCH	RB75#0	13.50	14.94	Pass
		20	LCH	RB100#0	17.97	19.63	Pass
			MCH	RB100#0	18.03	19.75	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	18.03	19.85	Pass

Part II - Test Plots

4.1 For LTE

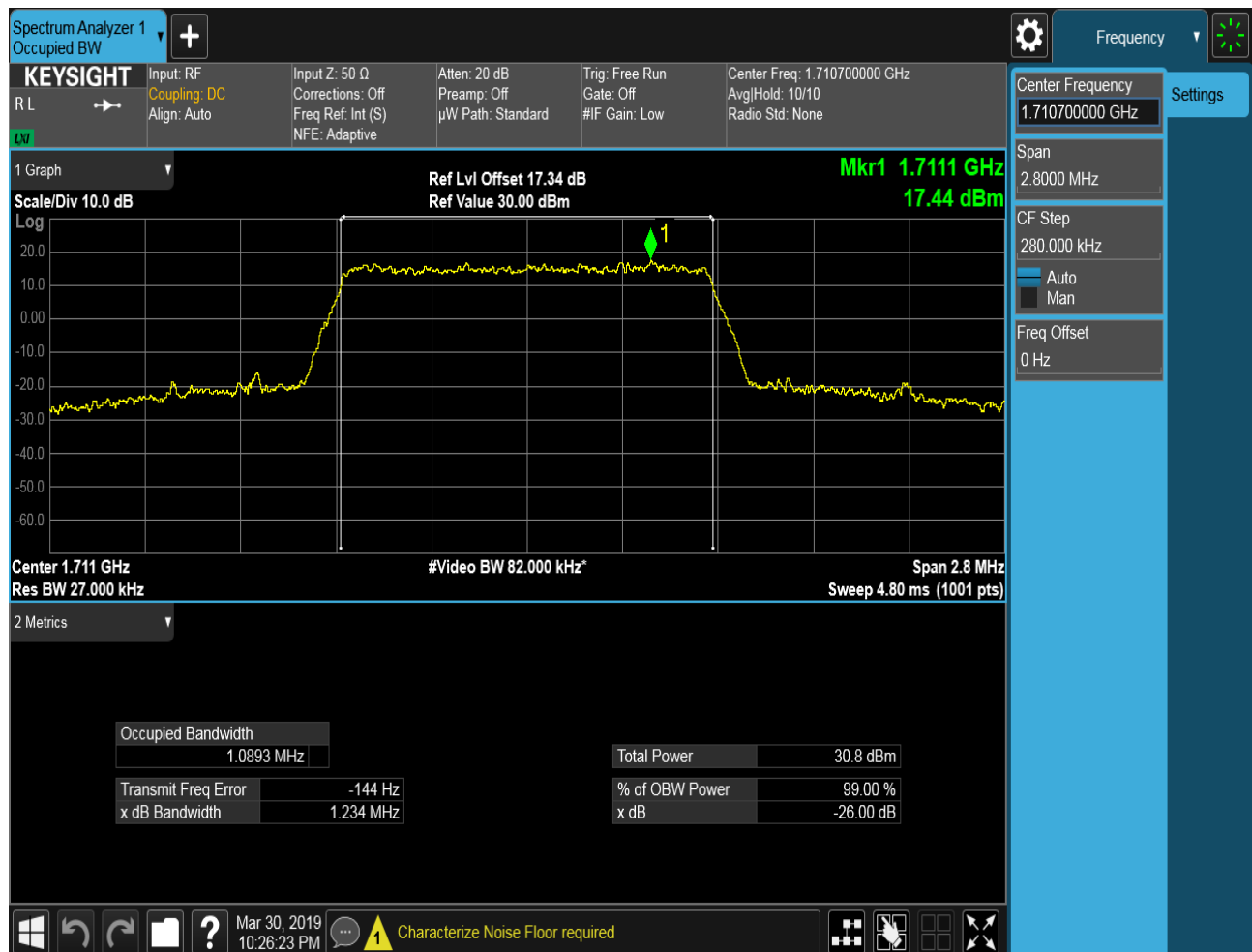
4.1.1 Test Band = Band4

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

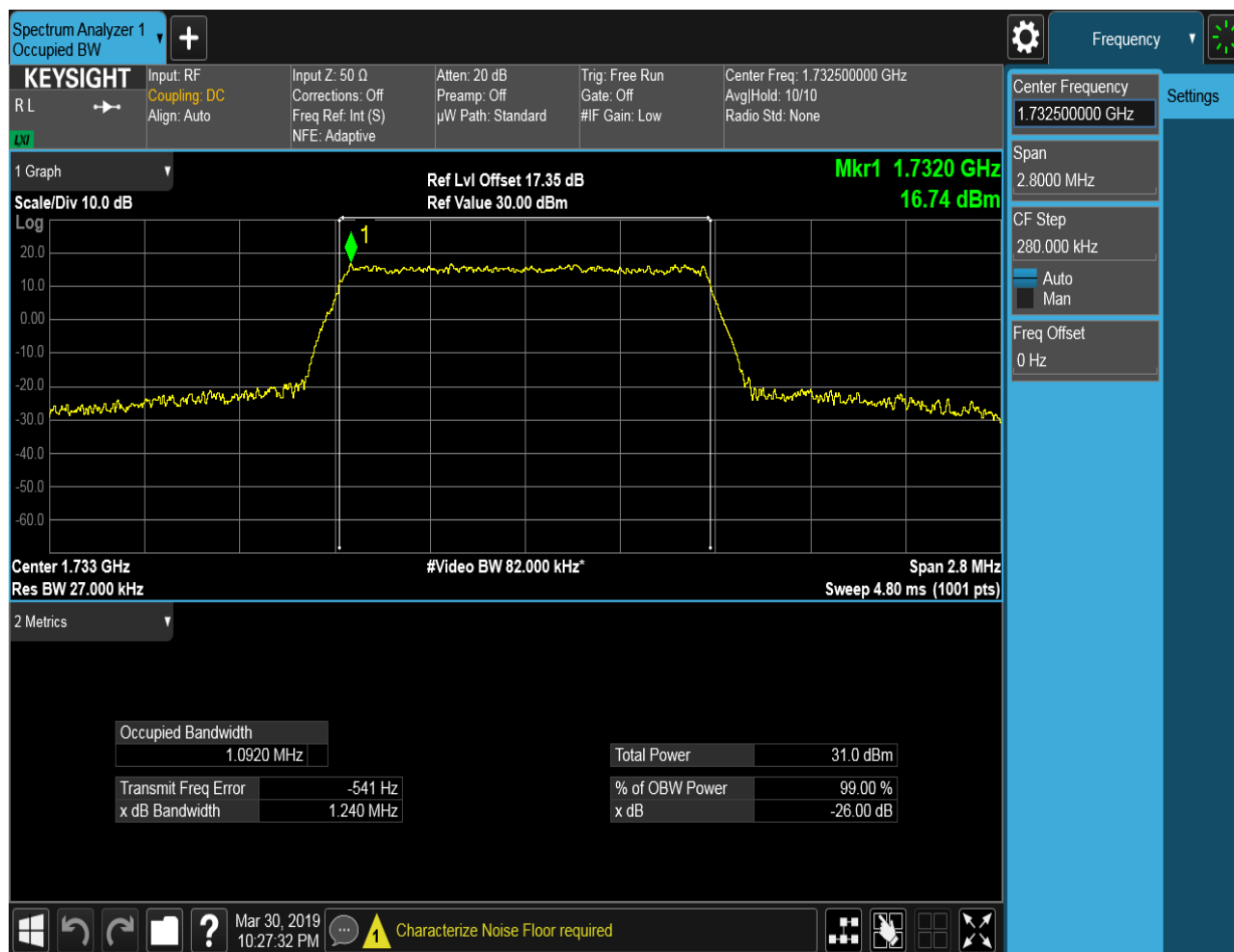
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



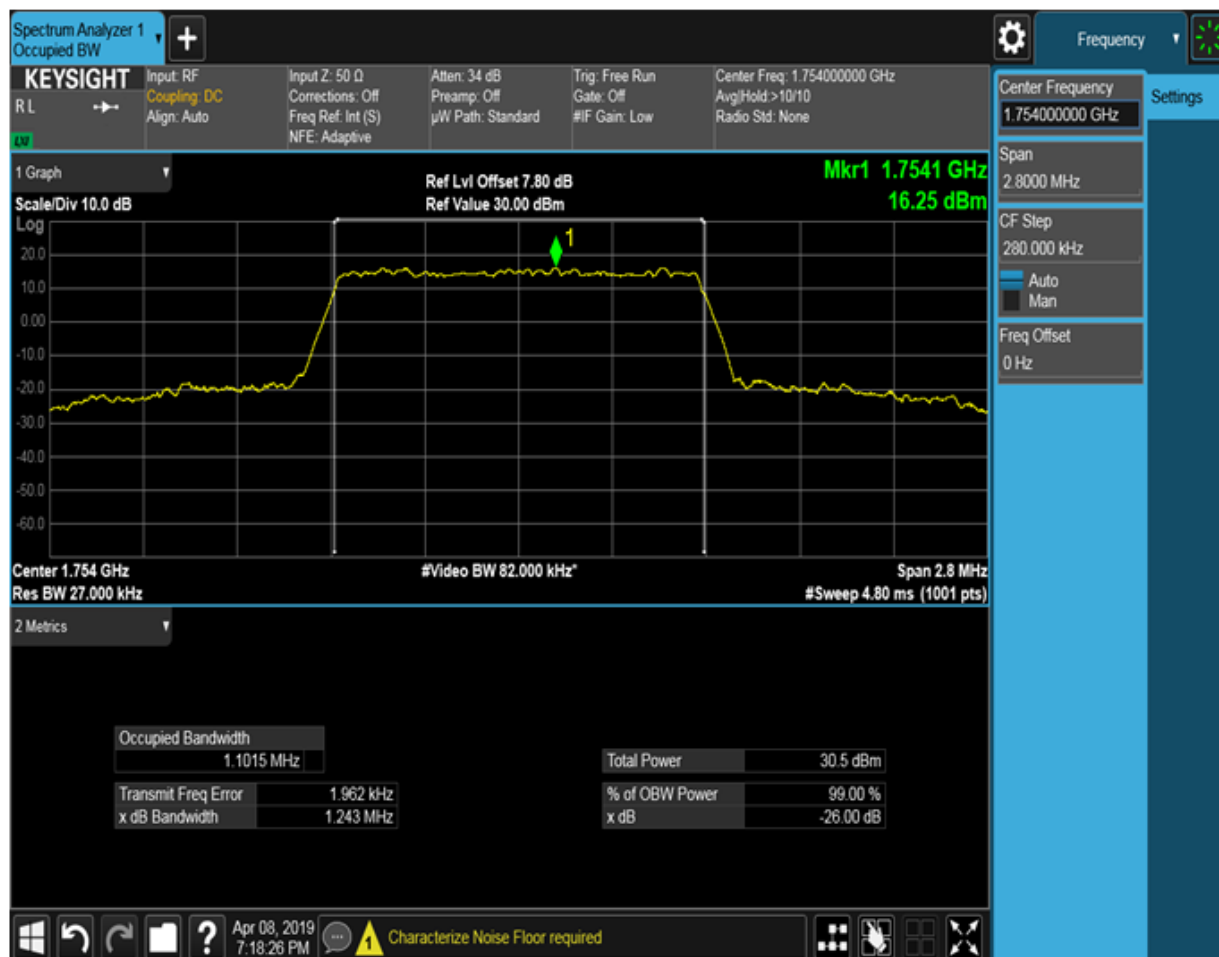
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

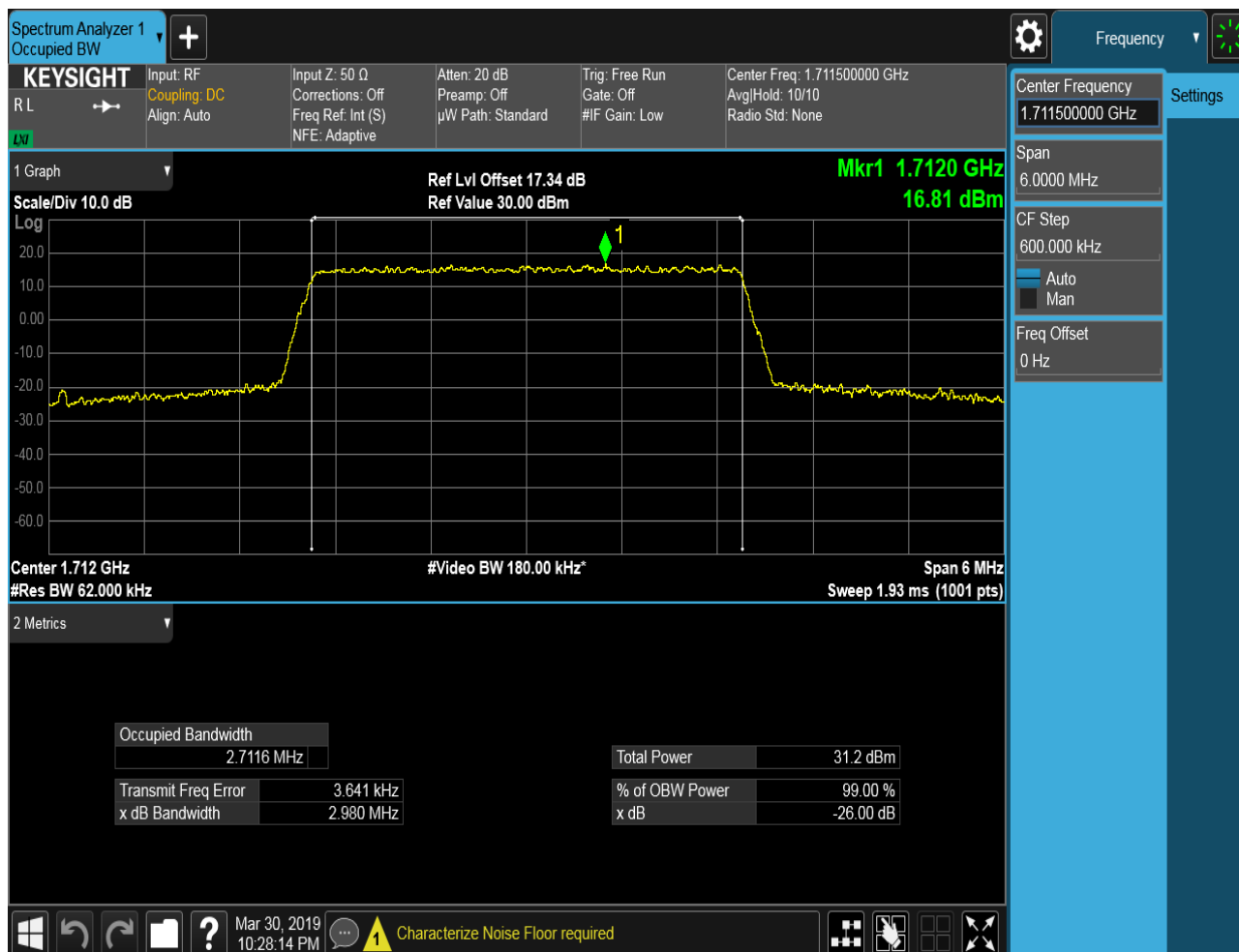
4.1.1.1.1.3.1 Test RB = RB6#0



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



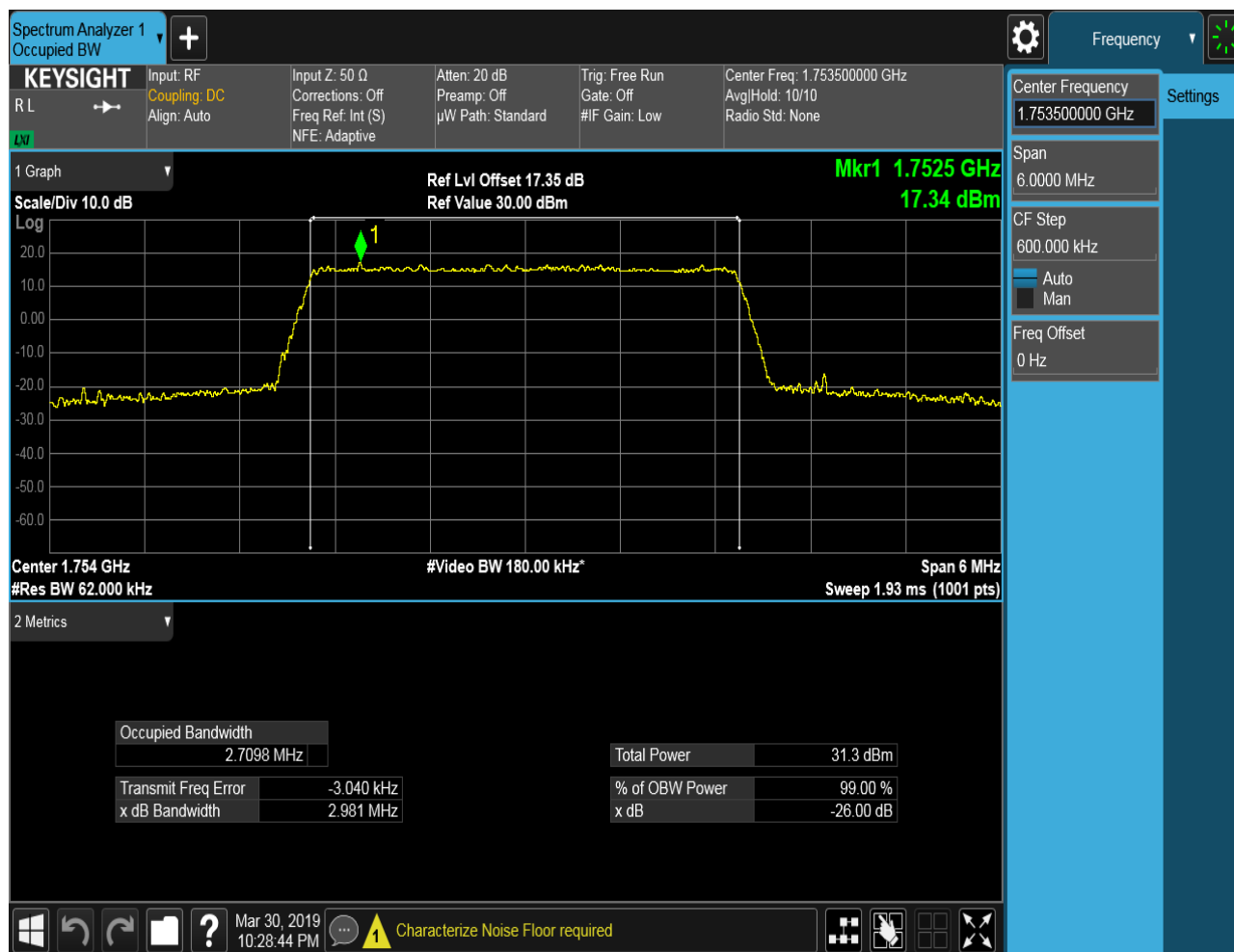
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

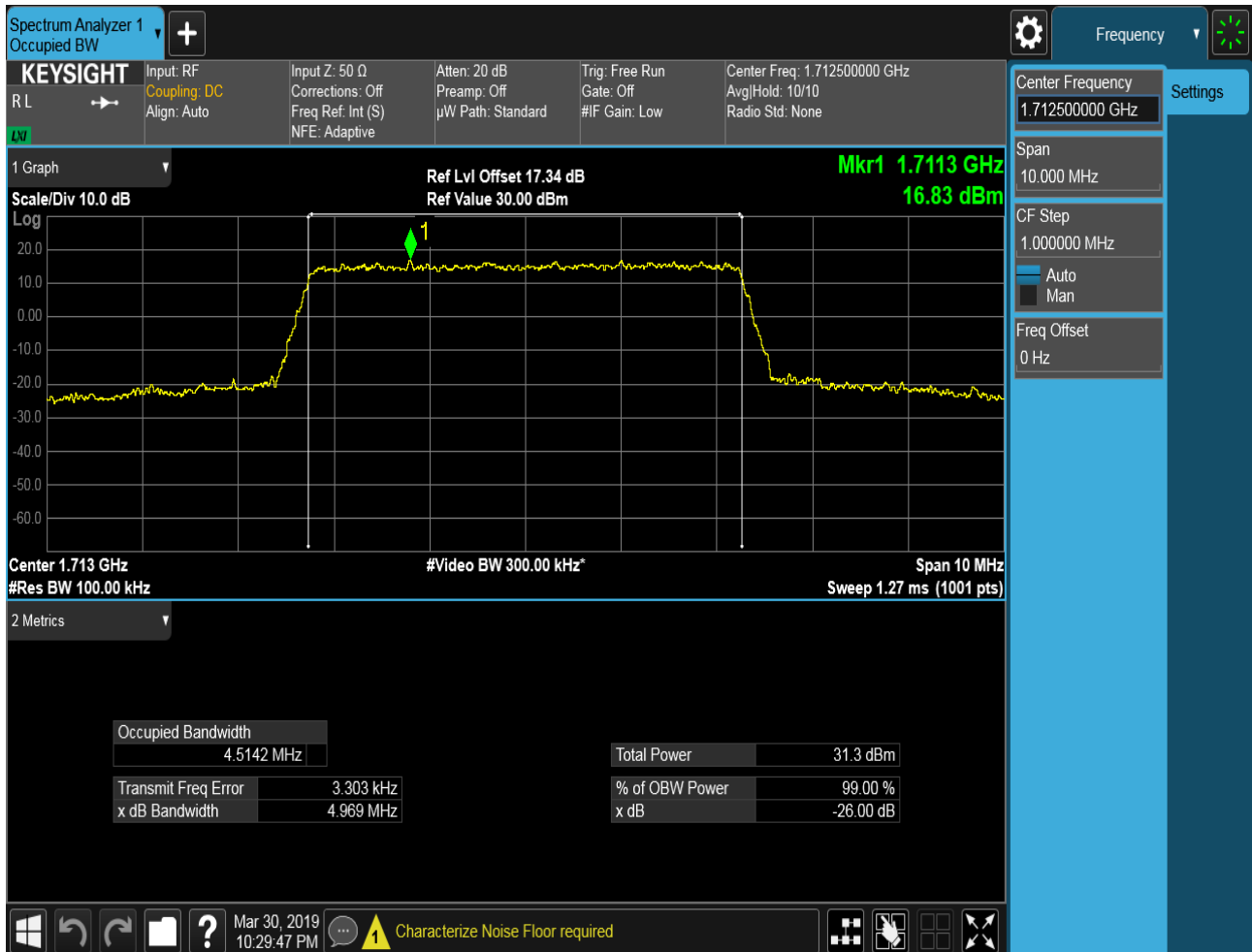
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

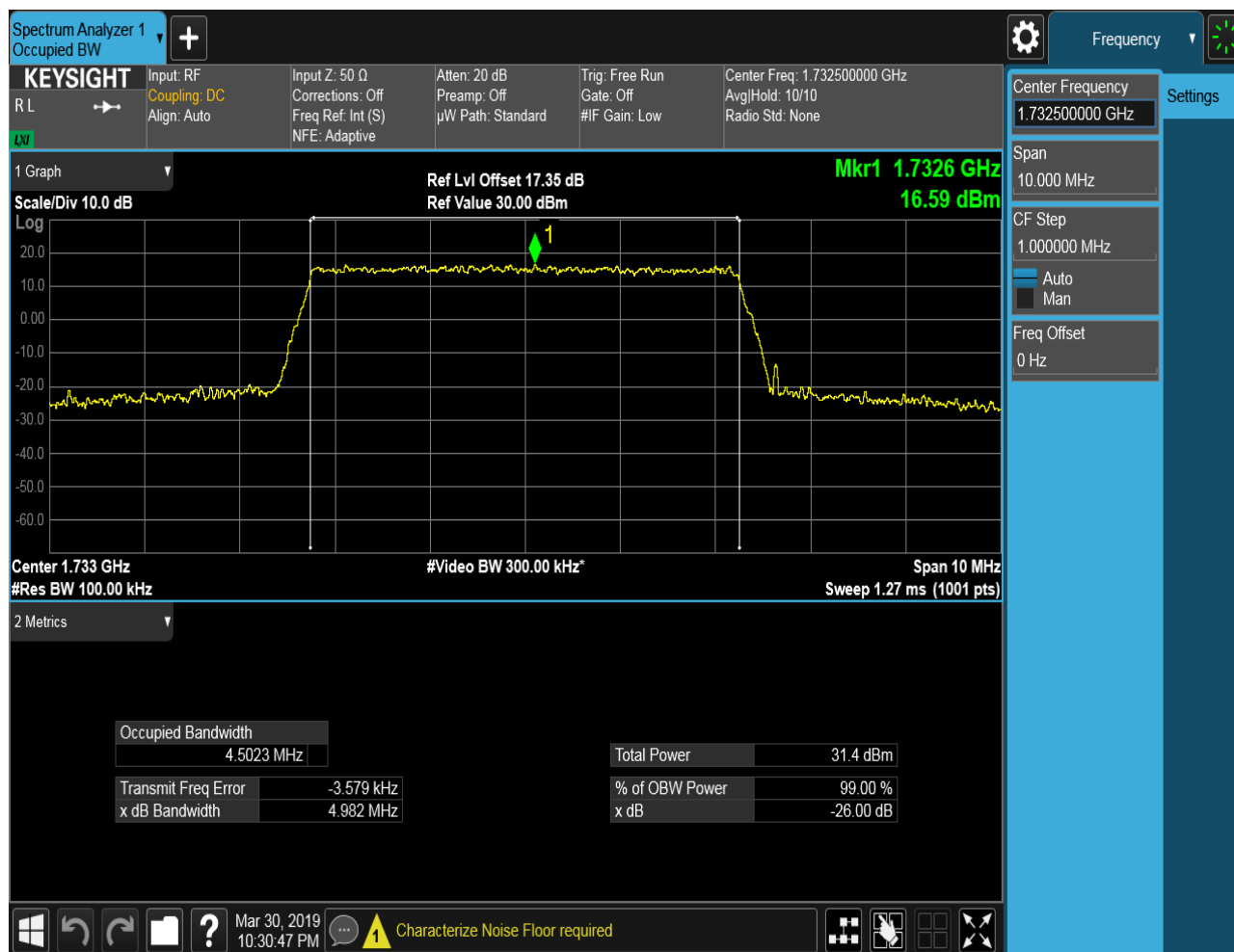
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



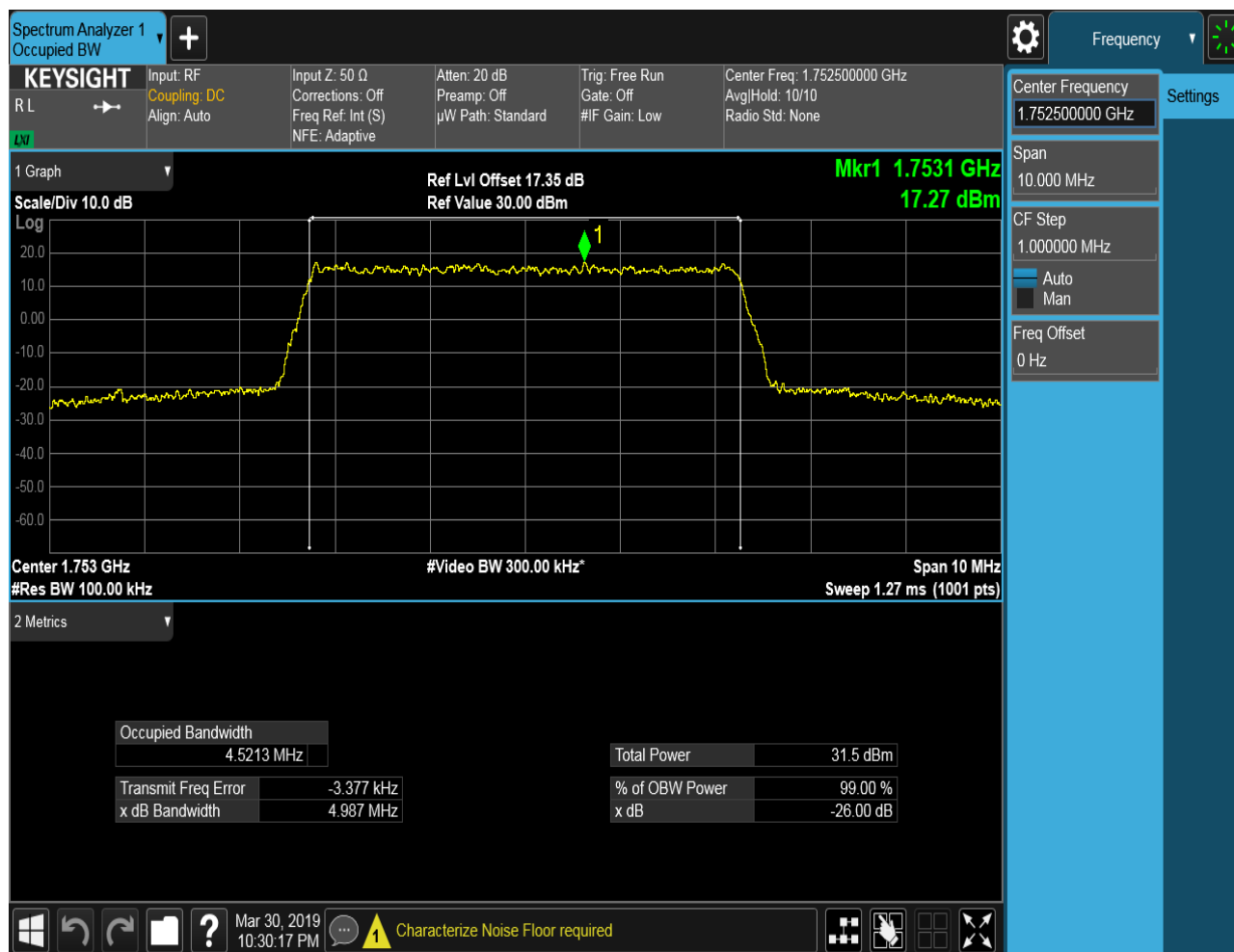
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

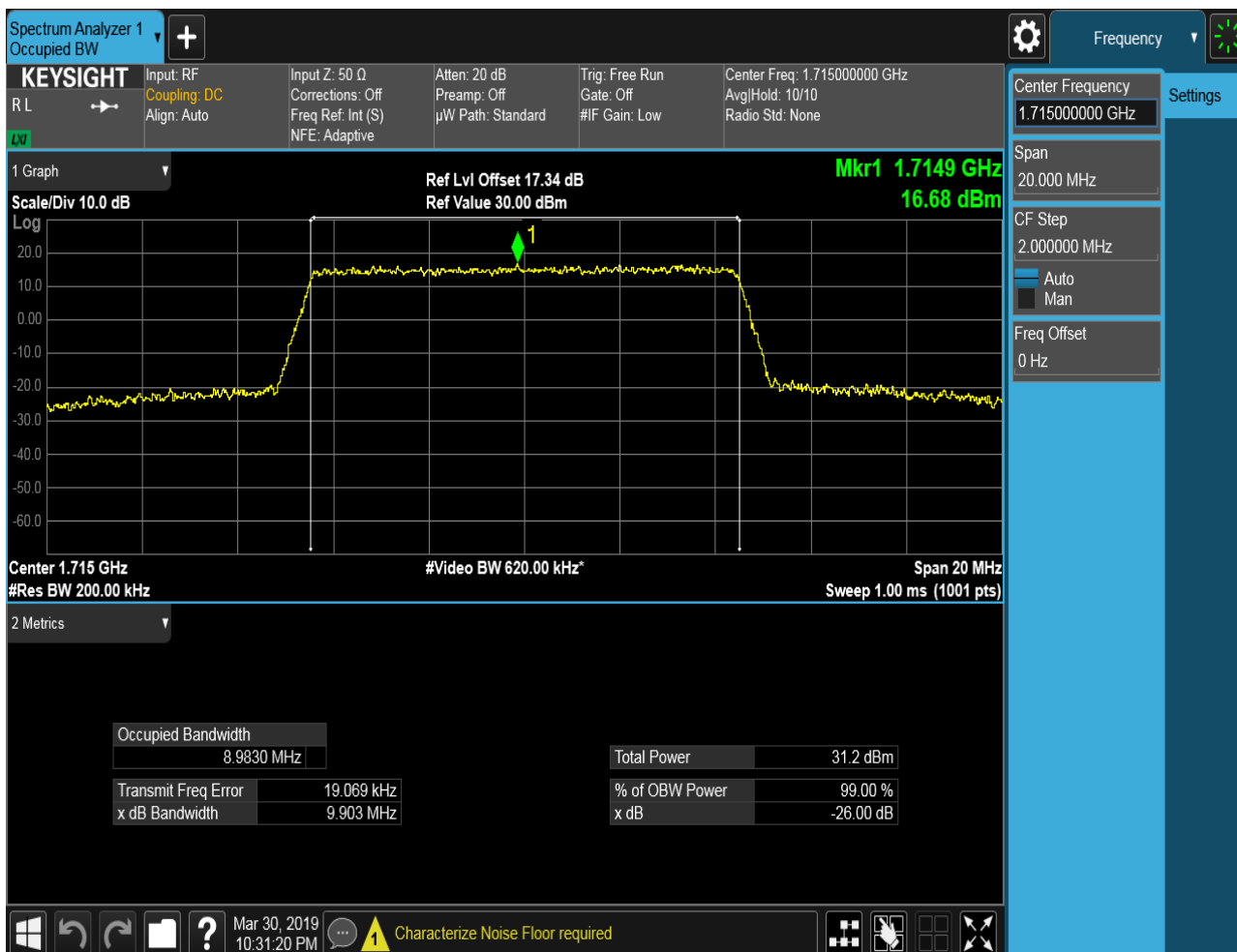
4.1.1.1.3.3.1 Test RB = RB25#0



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



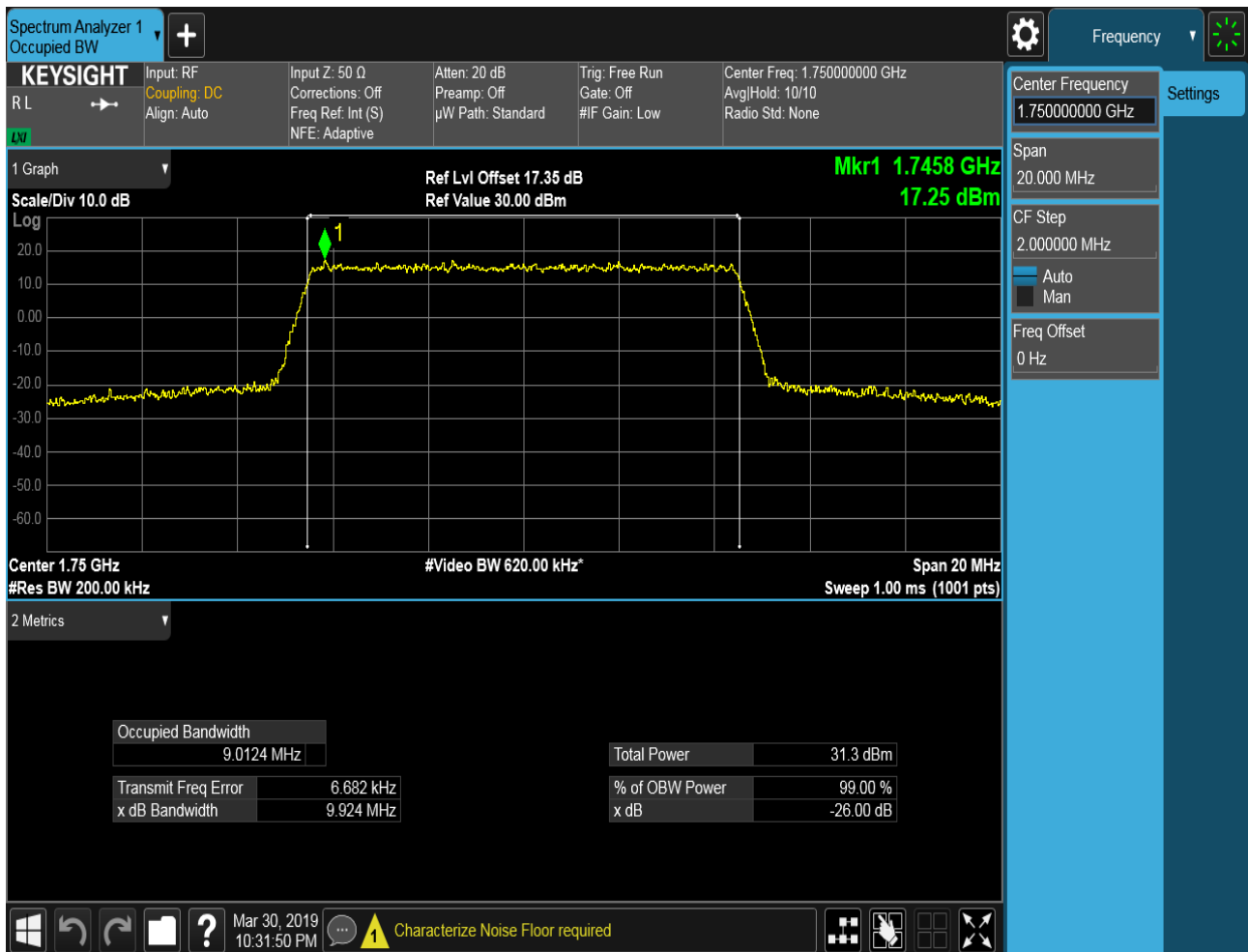
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

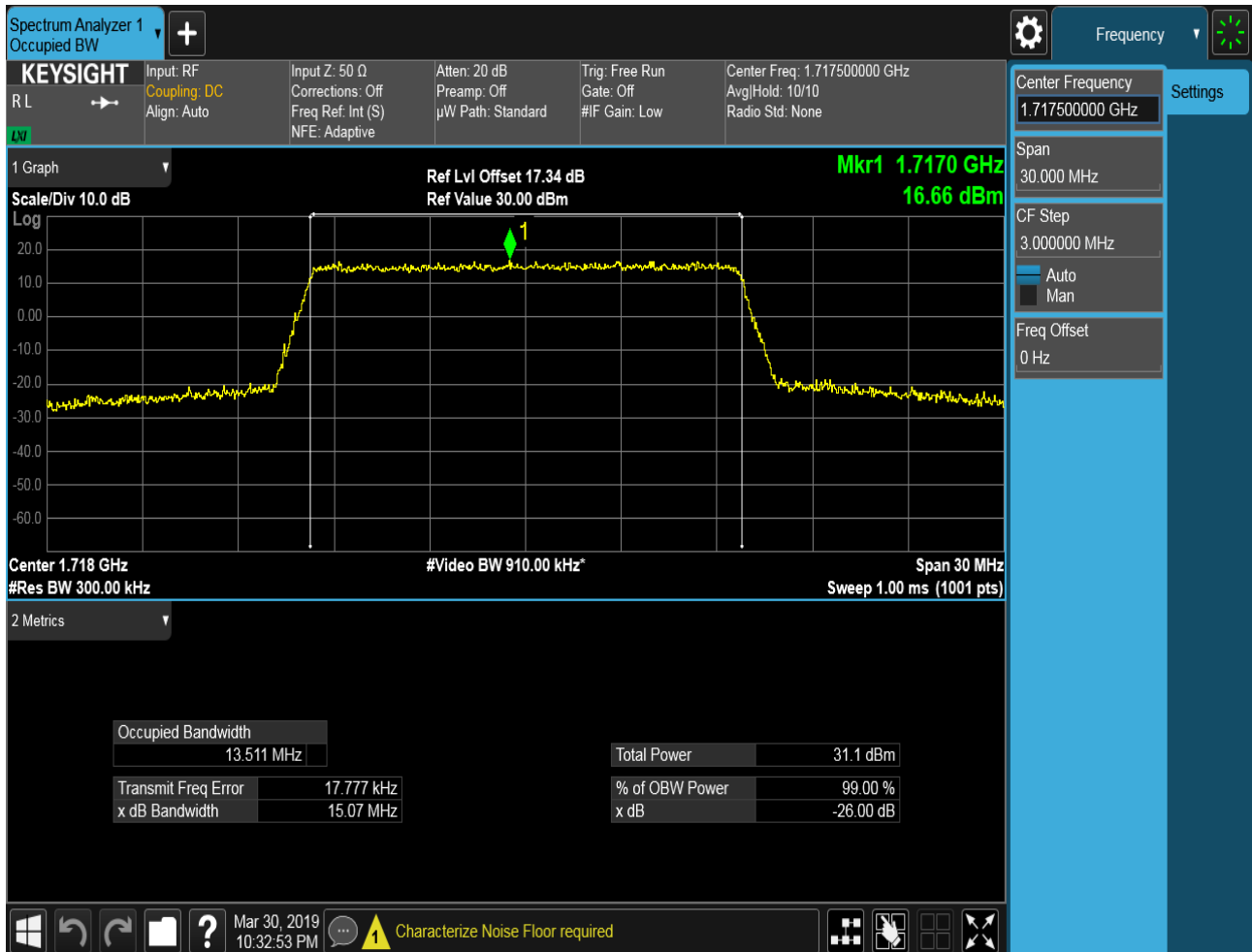
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

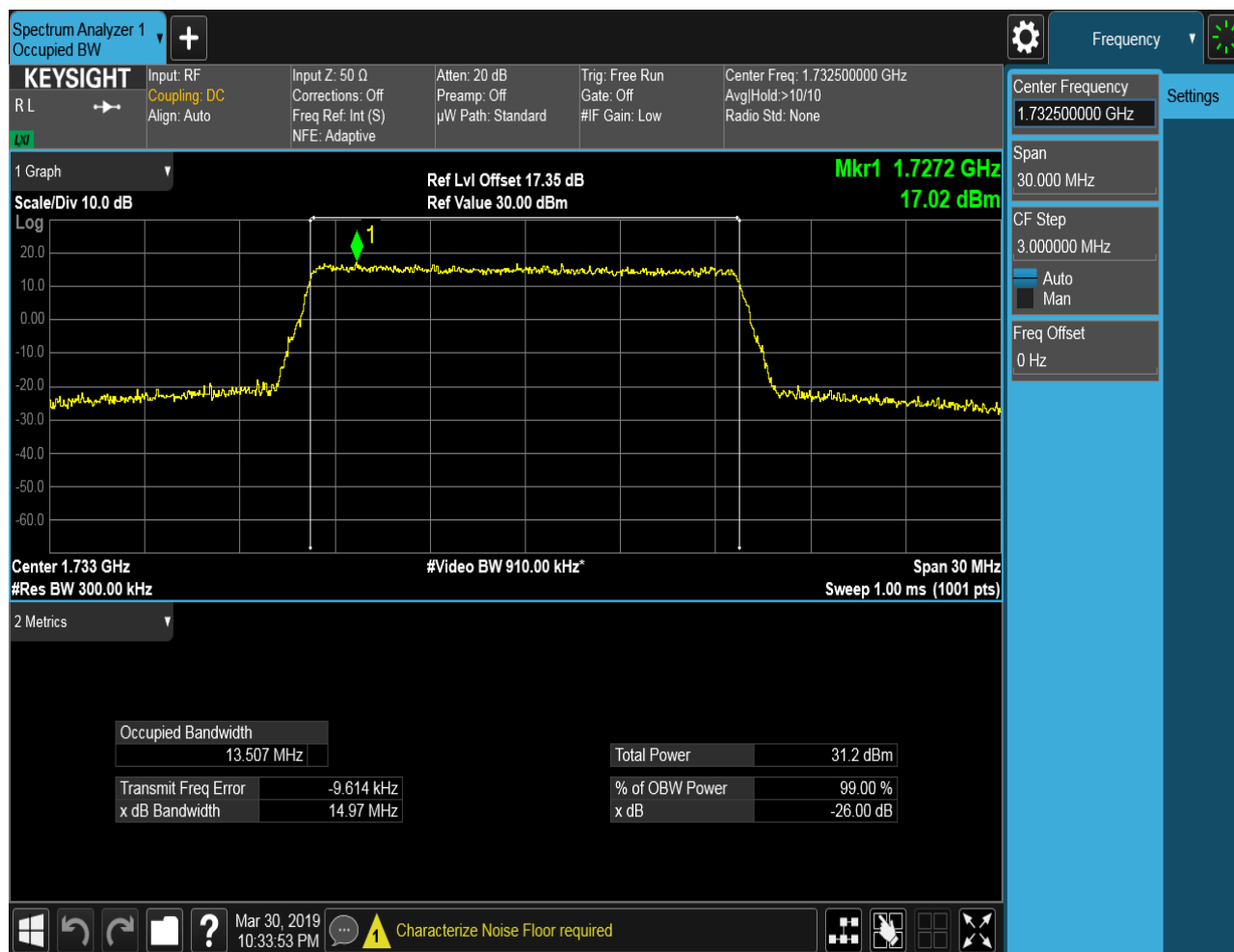
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



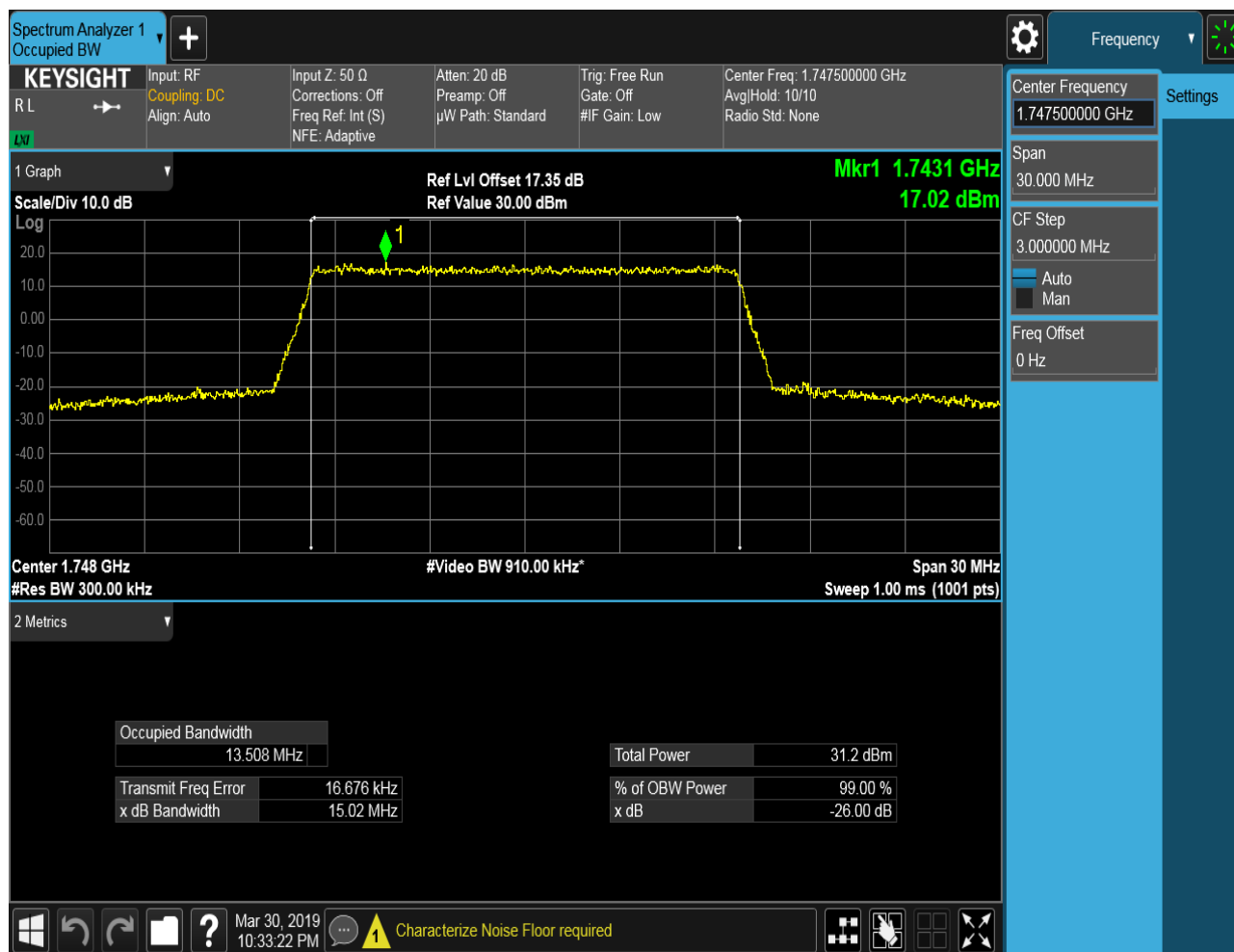
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

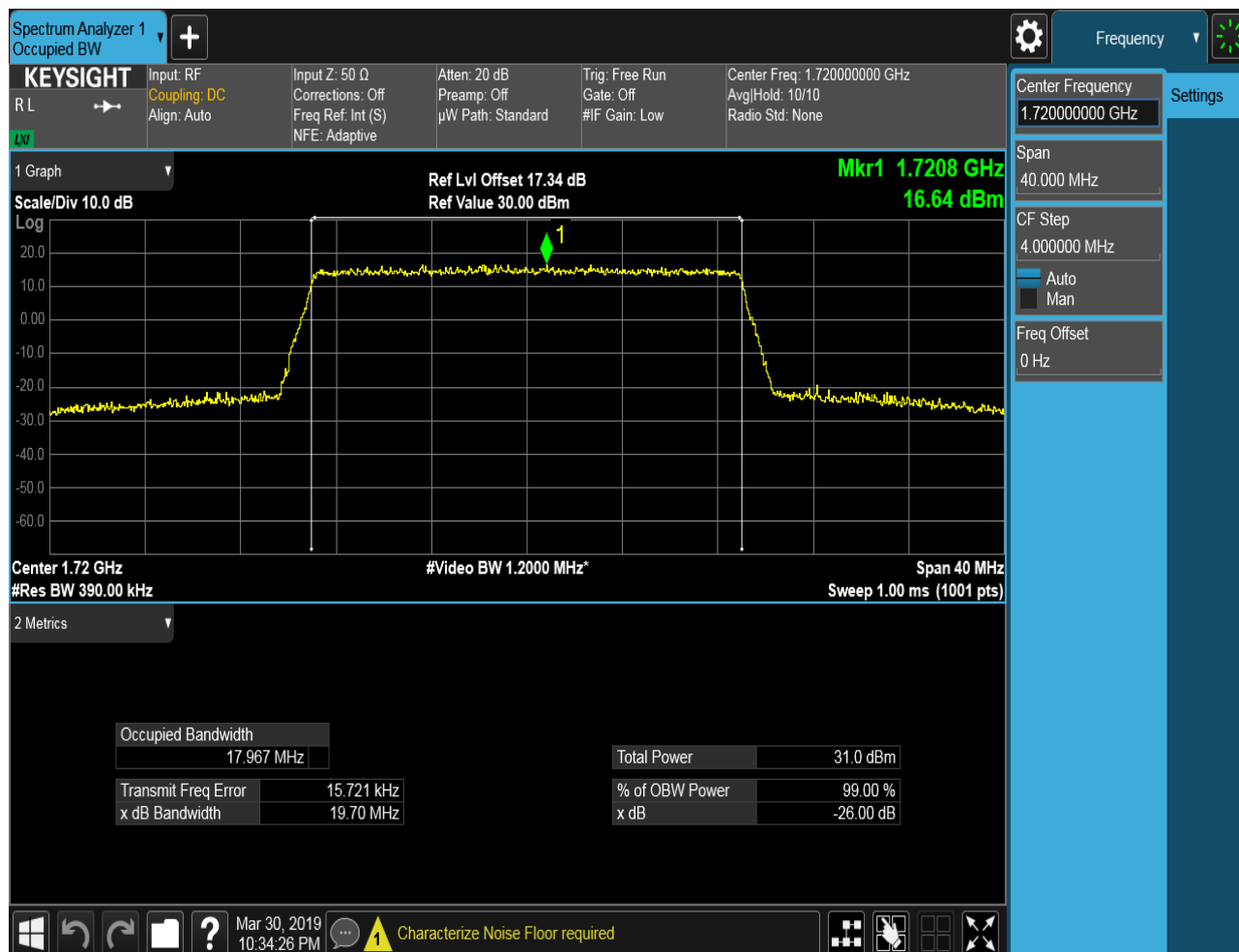
4.1.1.1.5.3.1 Test RB = RB75#0



4.1.1.1.6 Test Bandwidth = 20

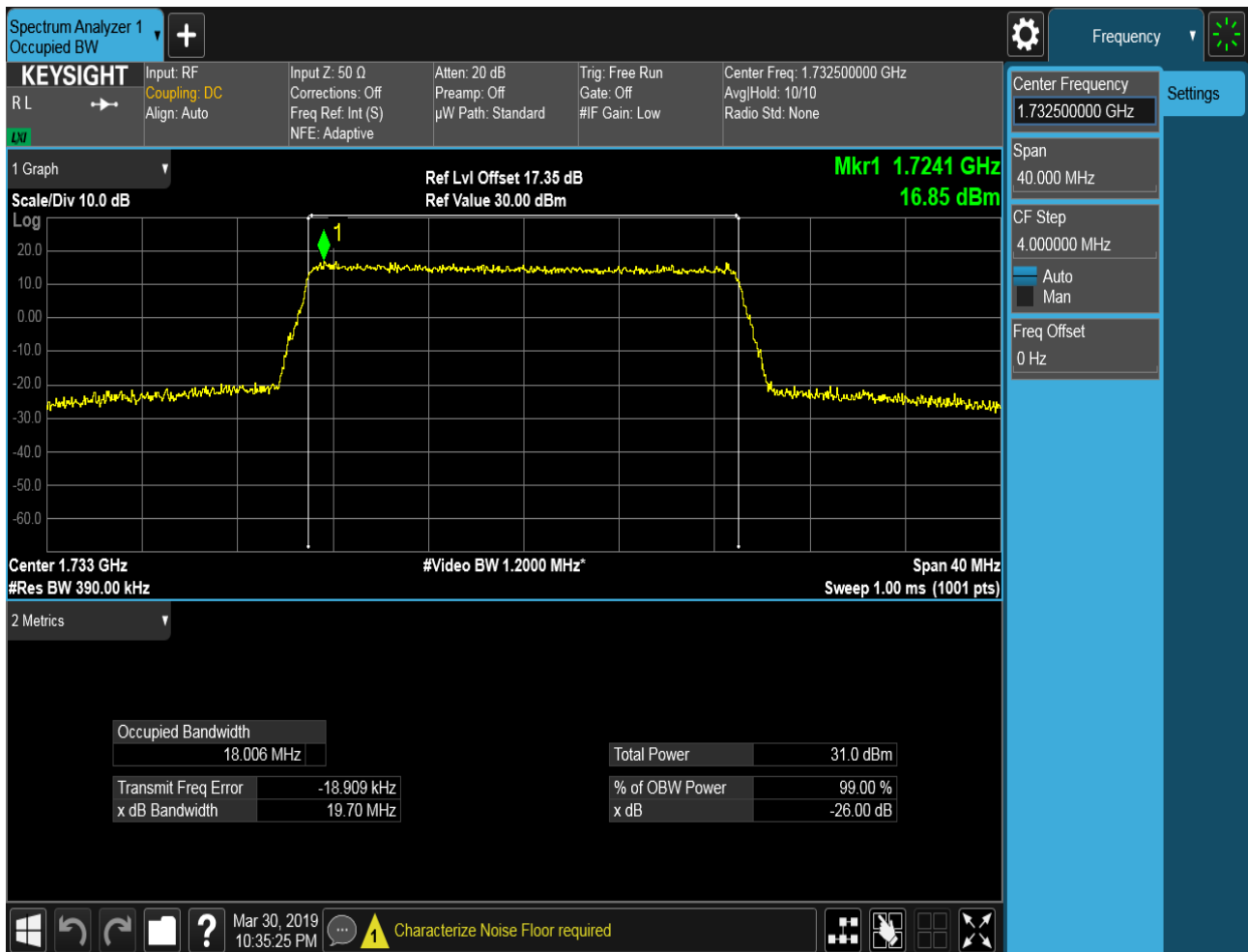
4.1.1.1.6.1 Test Channel = LCH

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

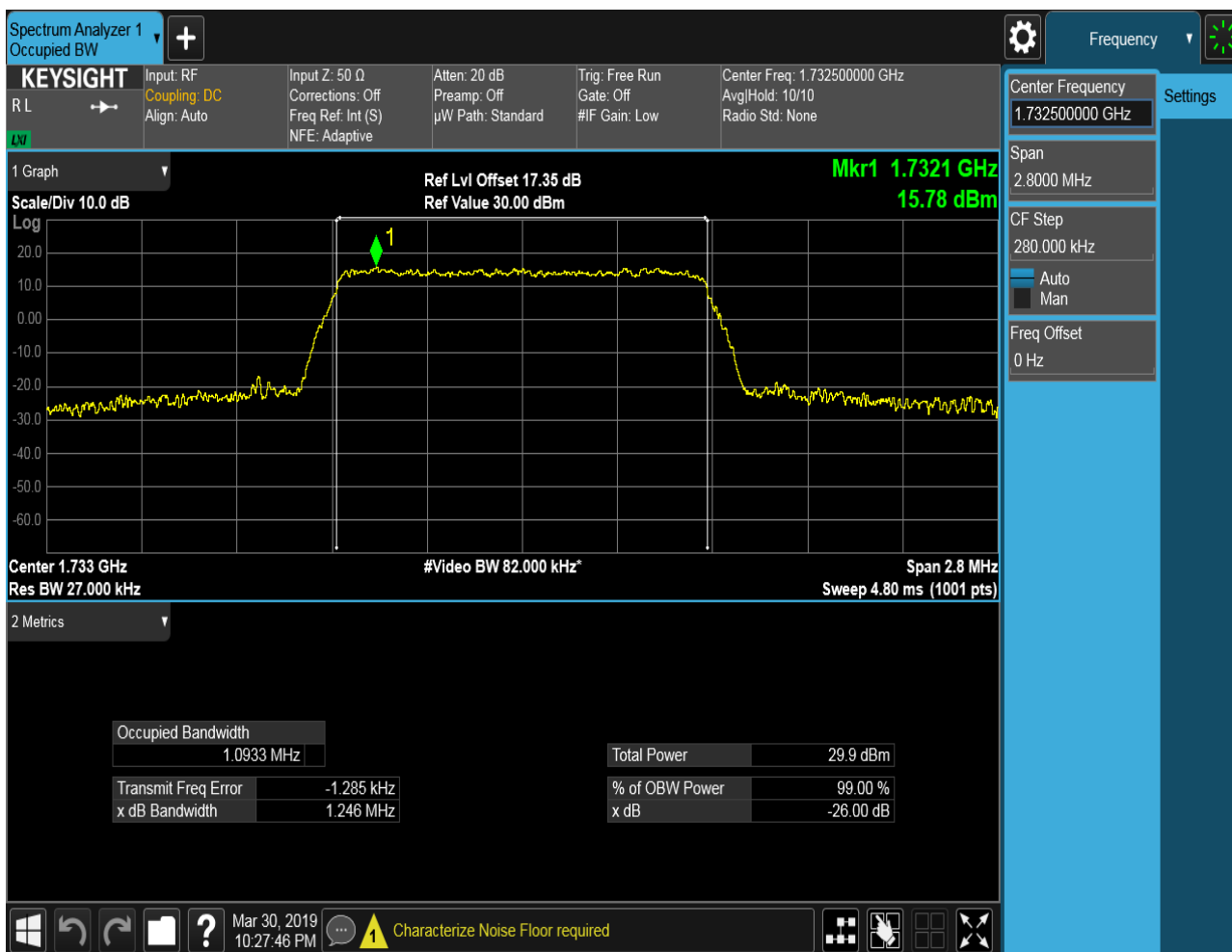
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



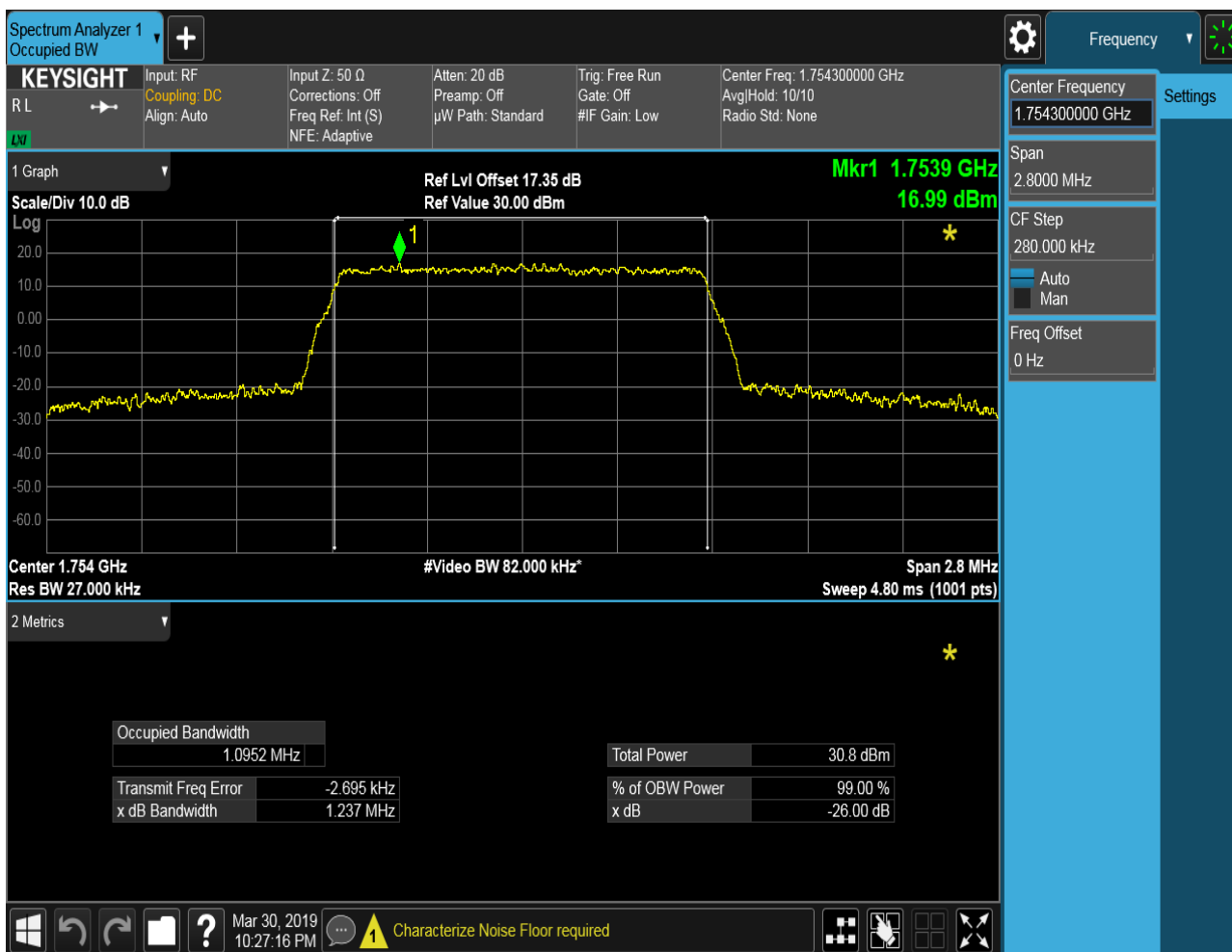
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

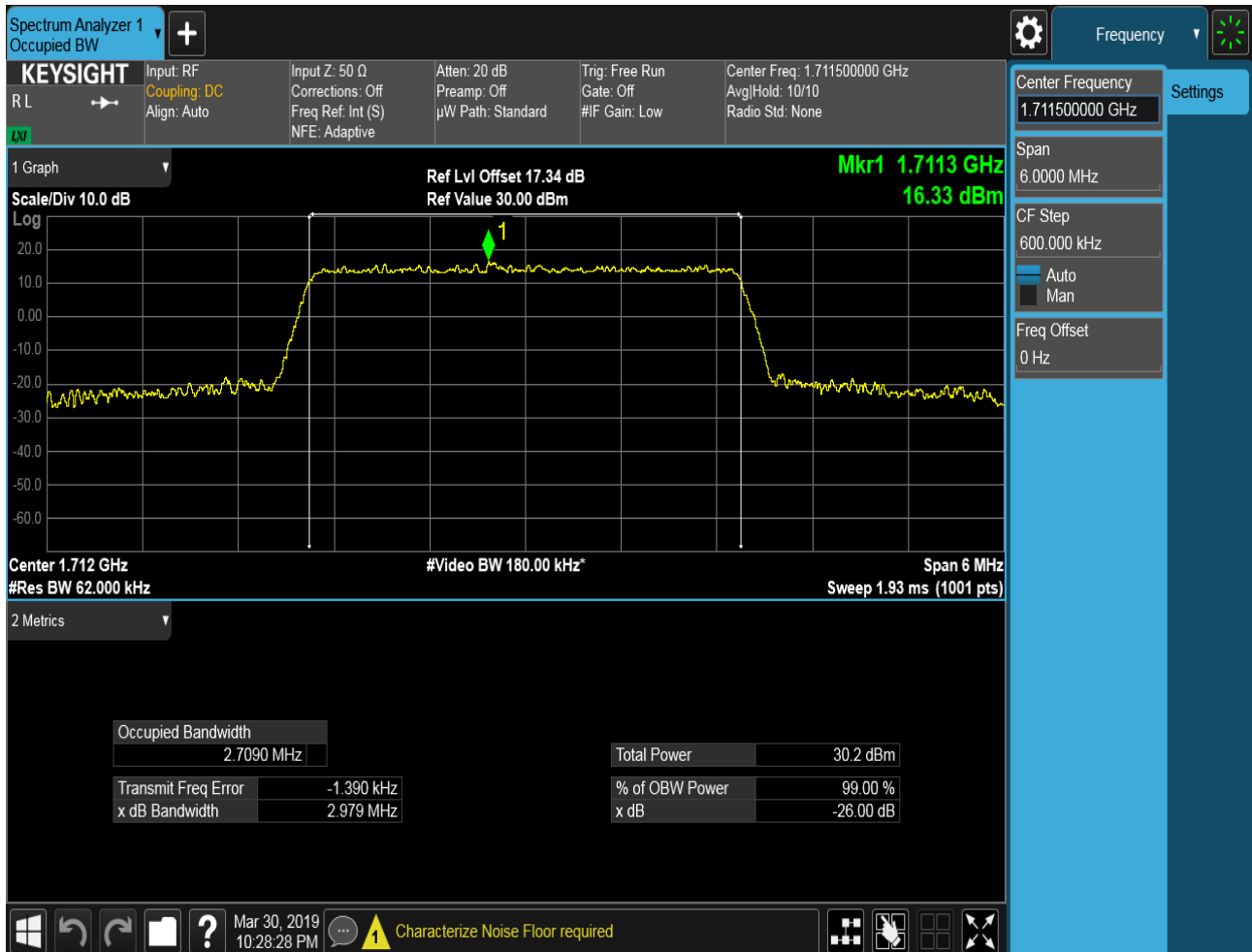
4.1.1.2.1.3.1 Test RB = RB6#0



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



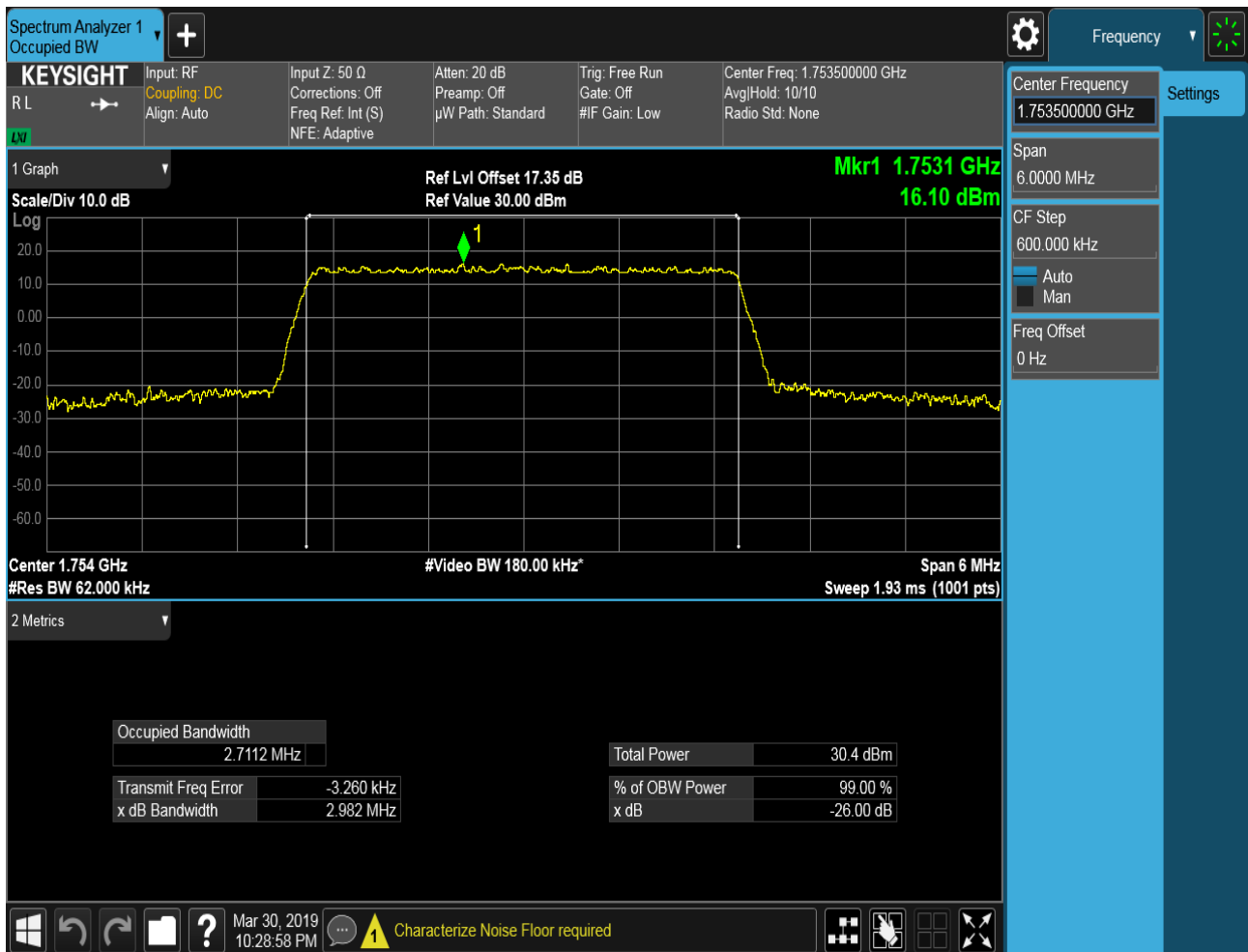
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

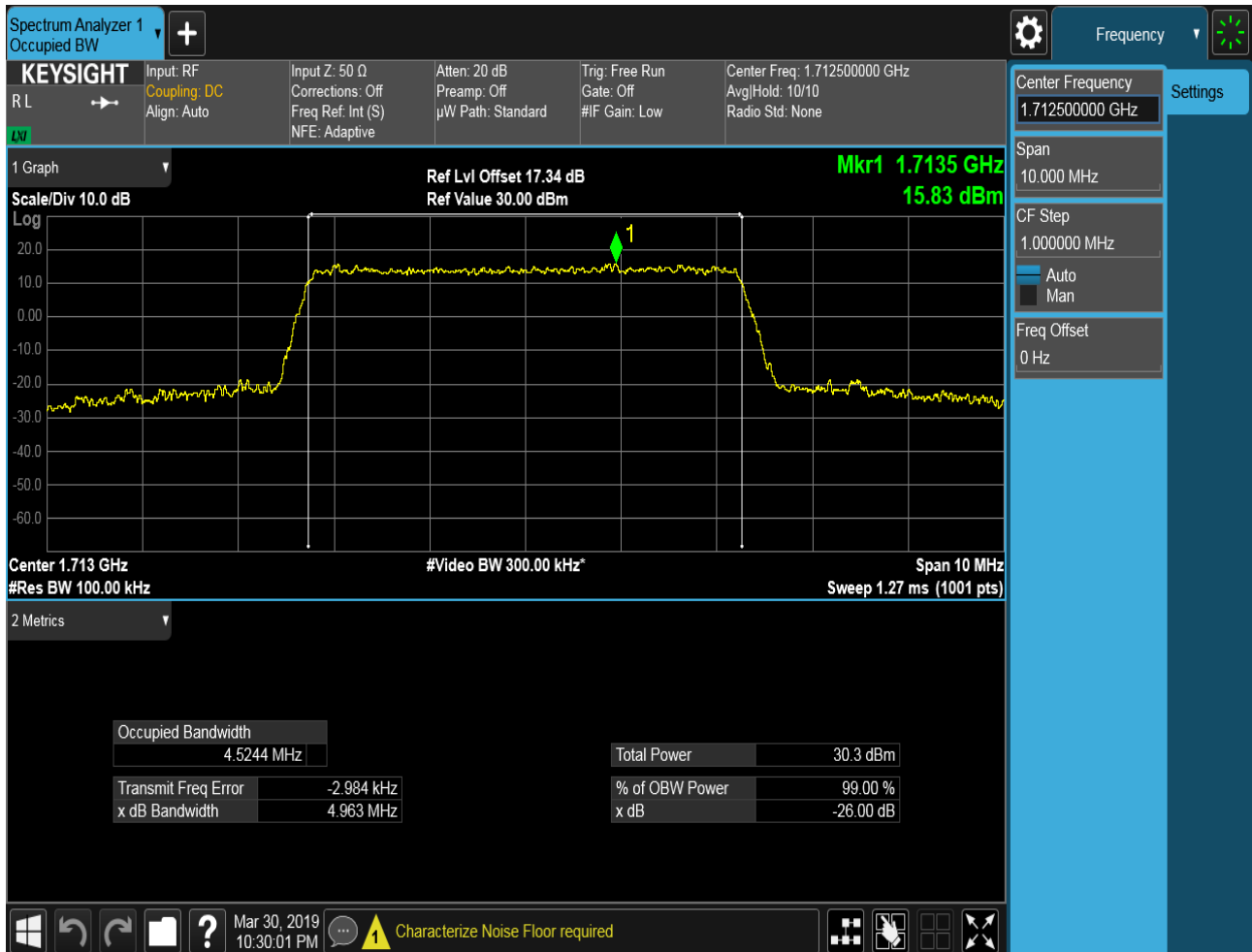
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

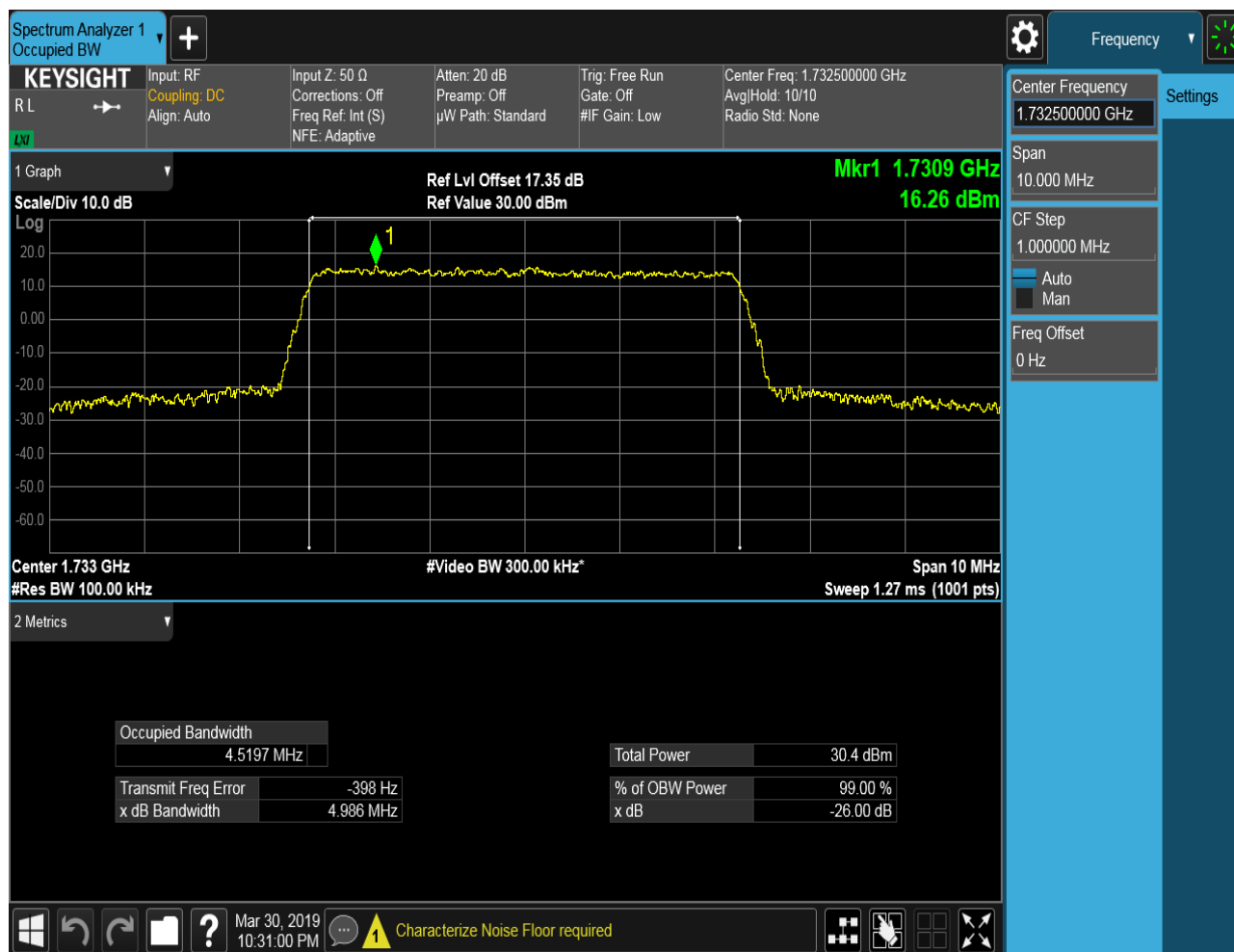
4.1.1.2.3.1 Test Channel = LCH

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

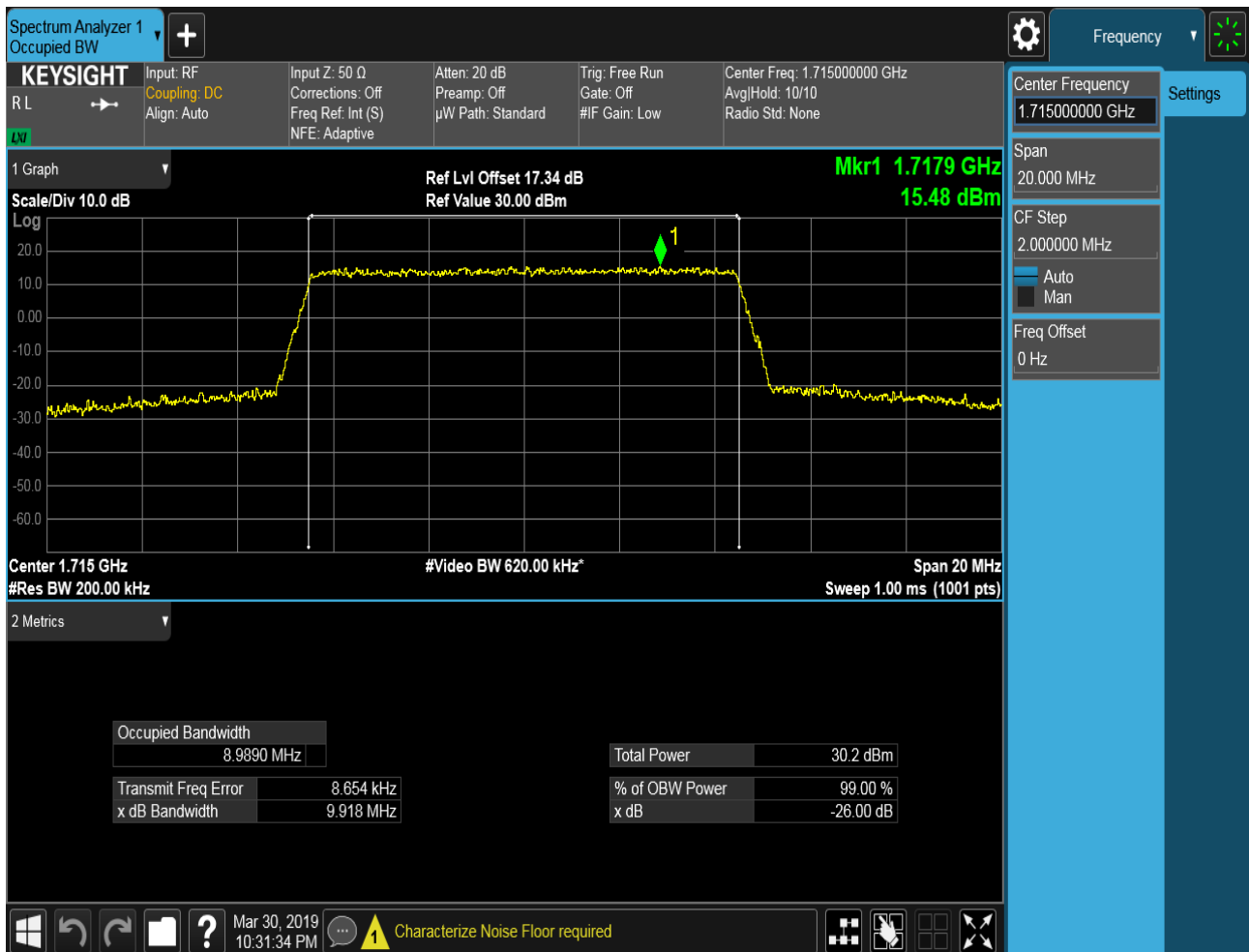
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

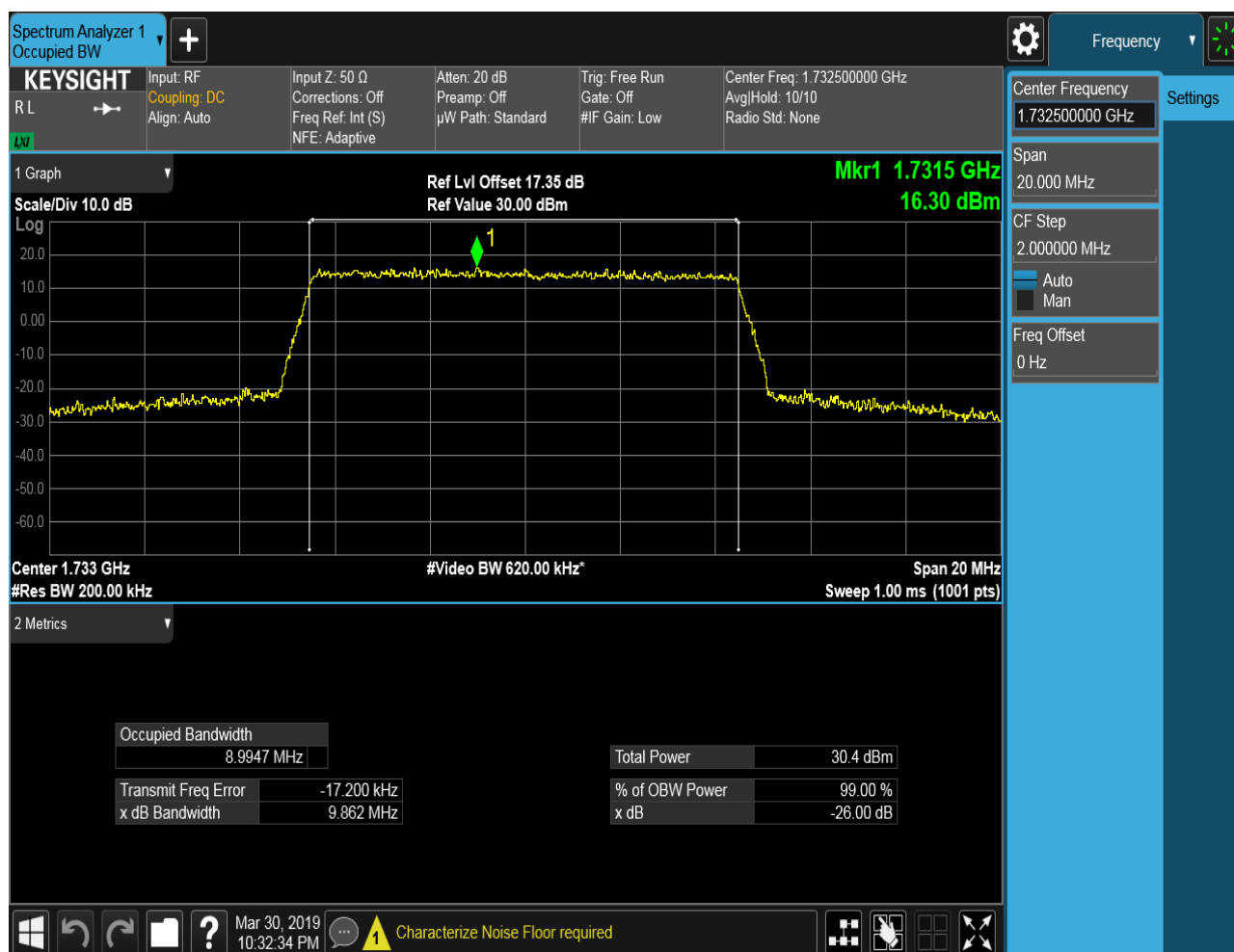
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



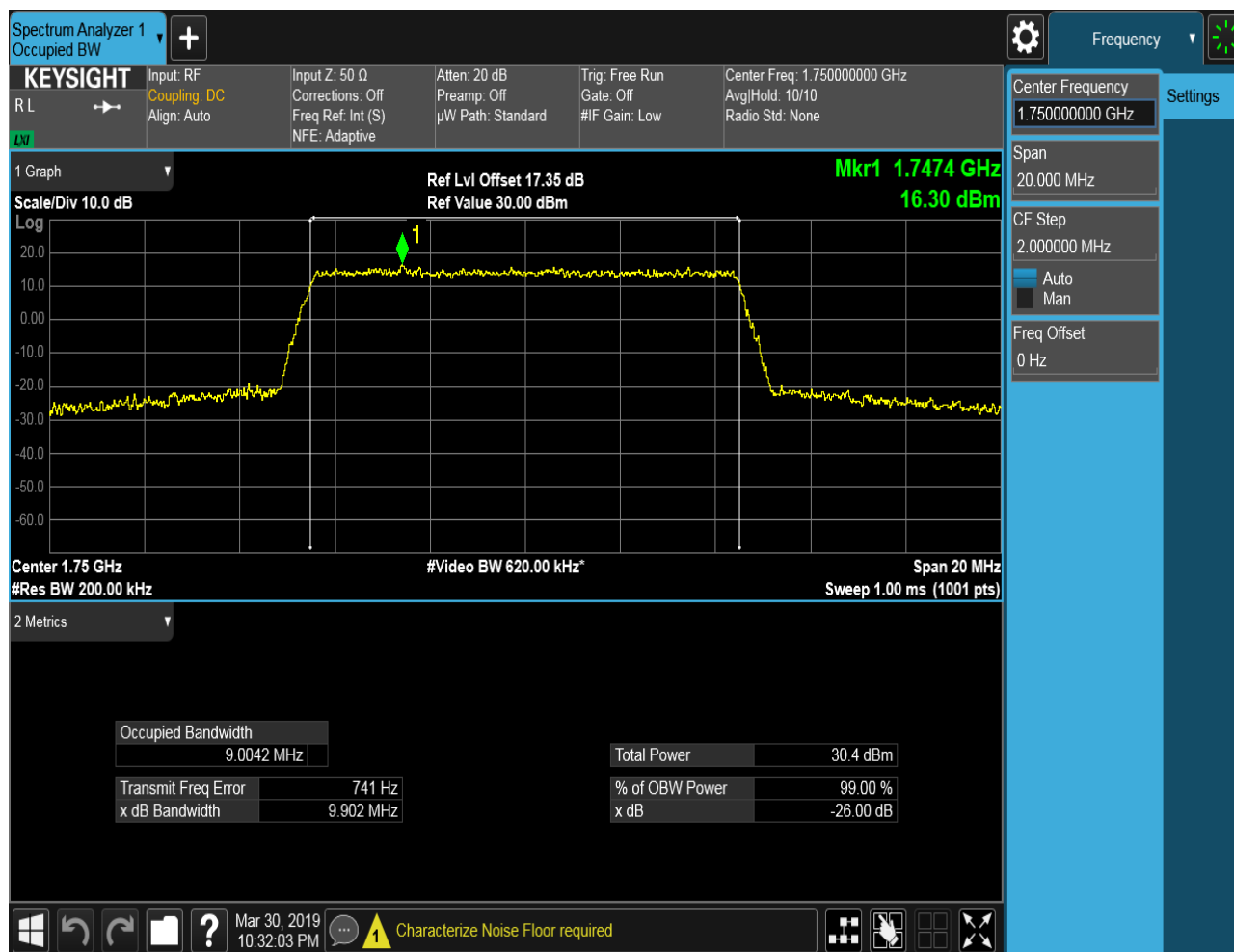
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

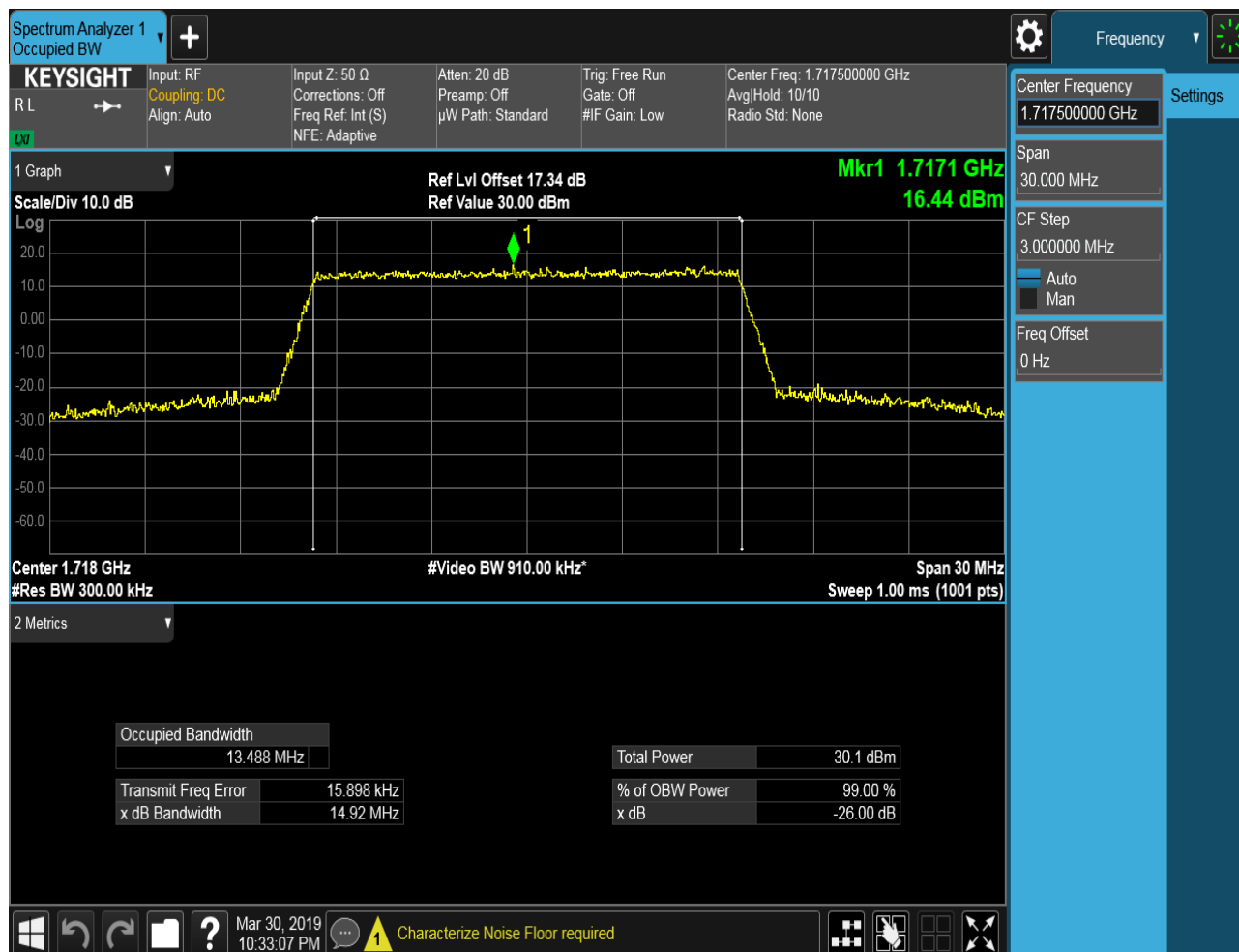
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

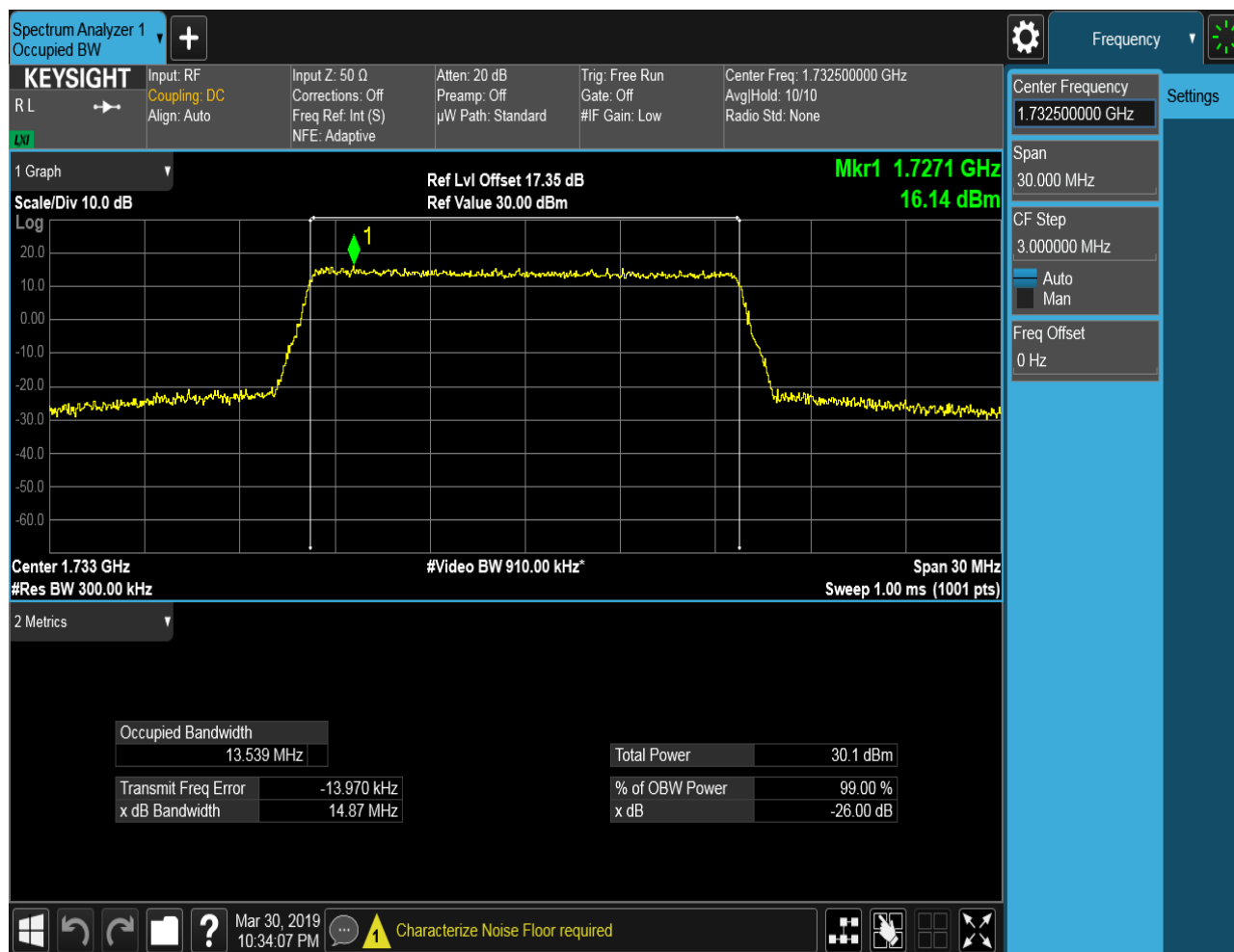
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



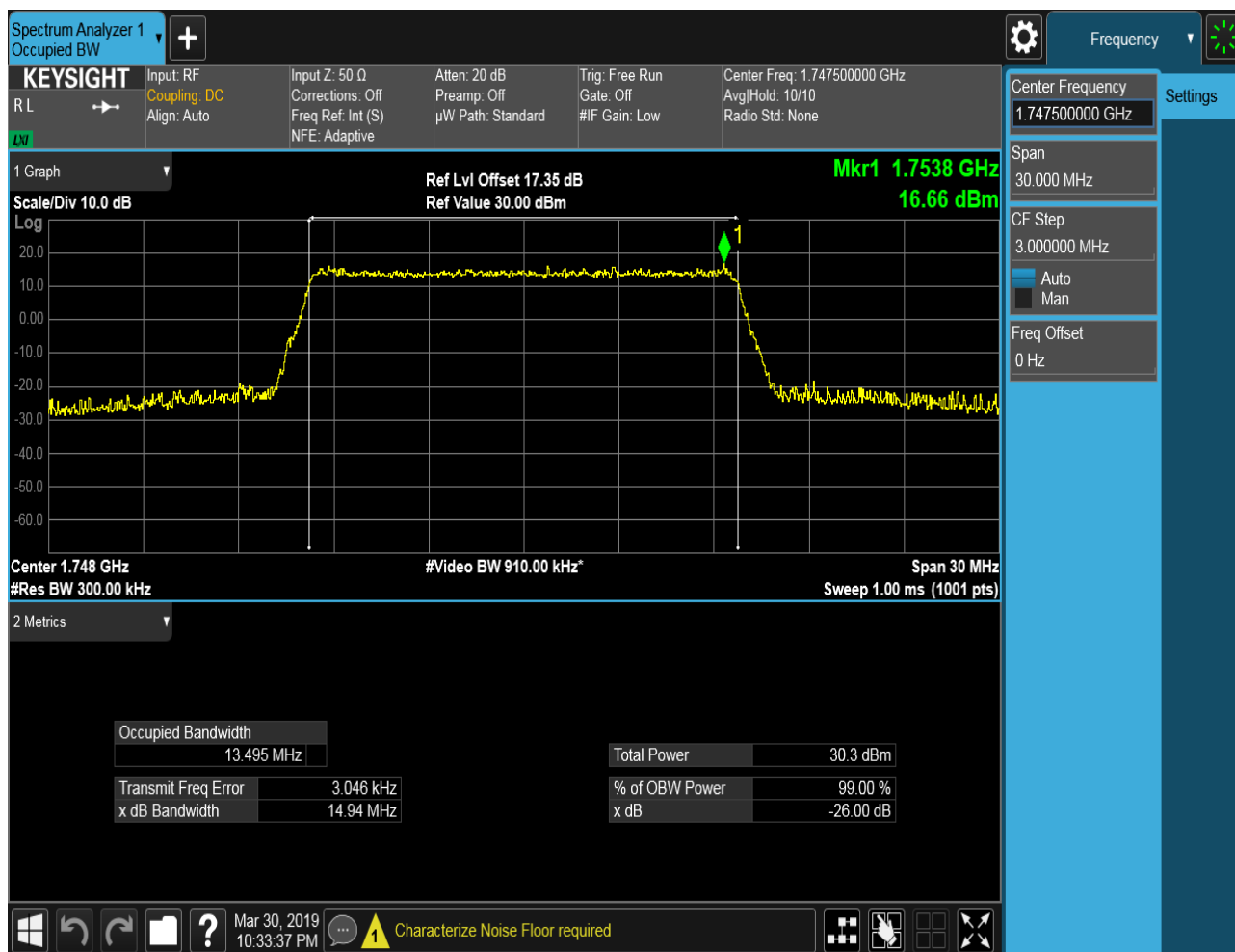
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

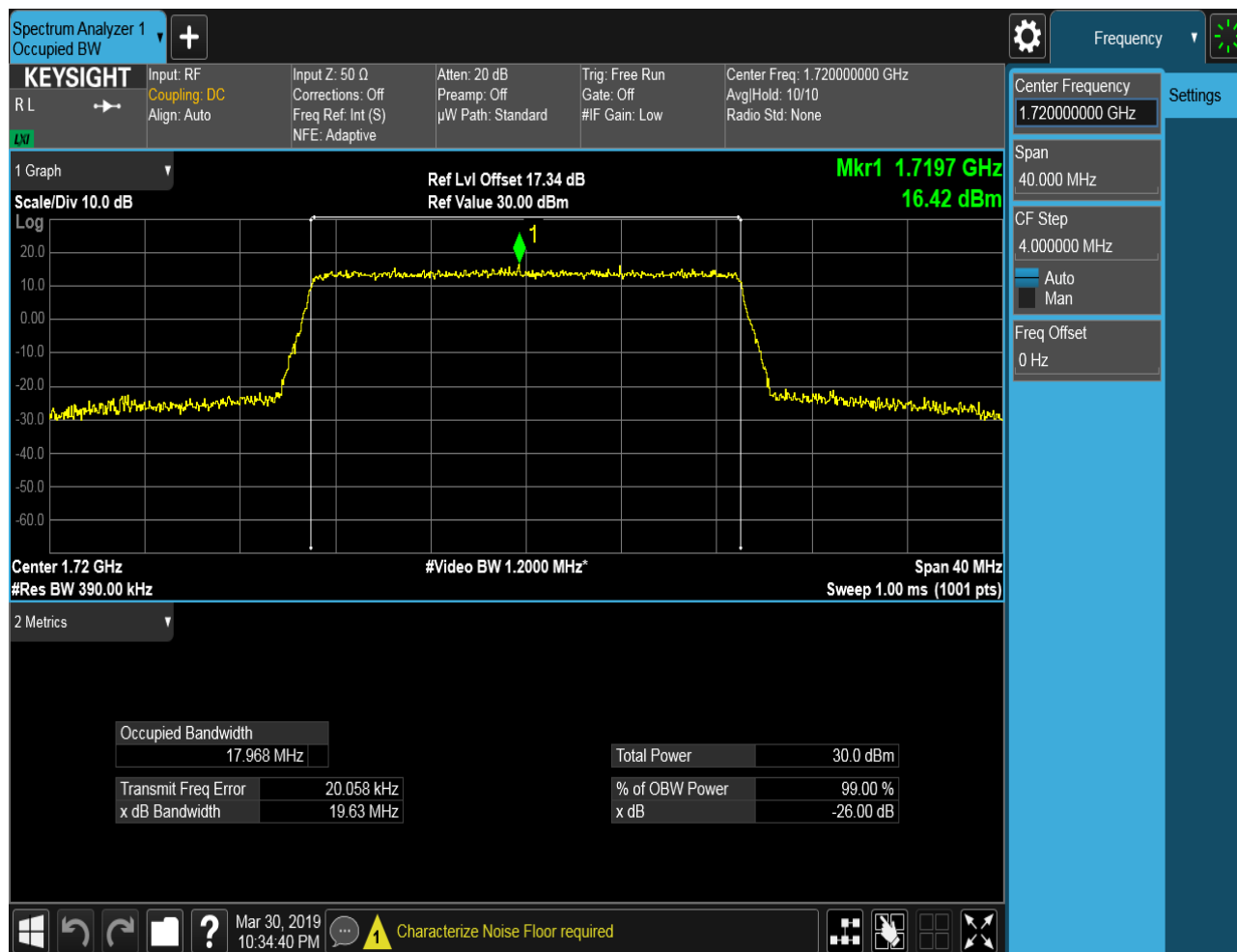
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

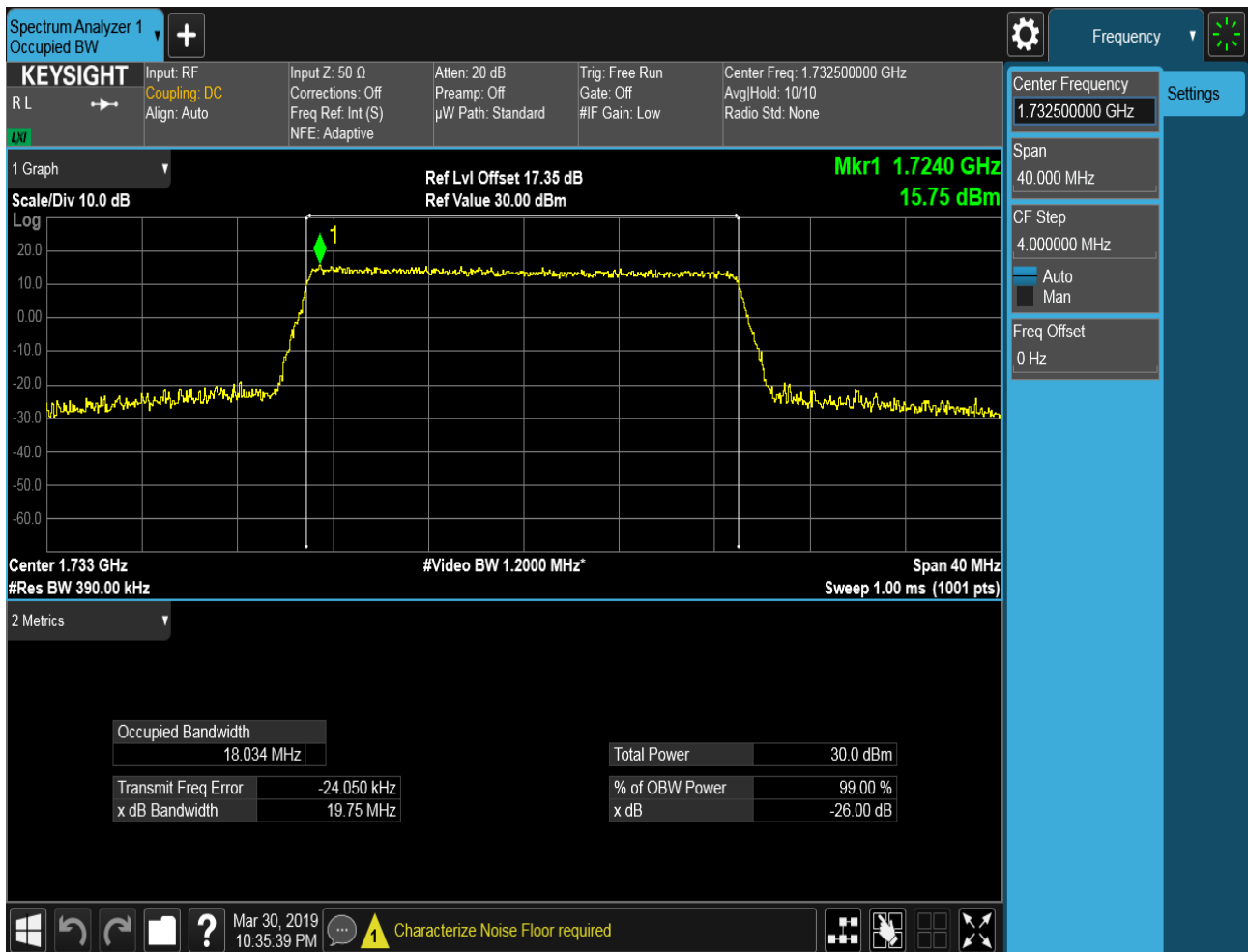
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



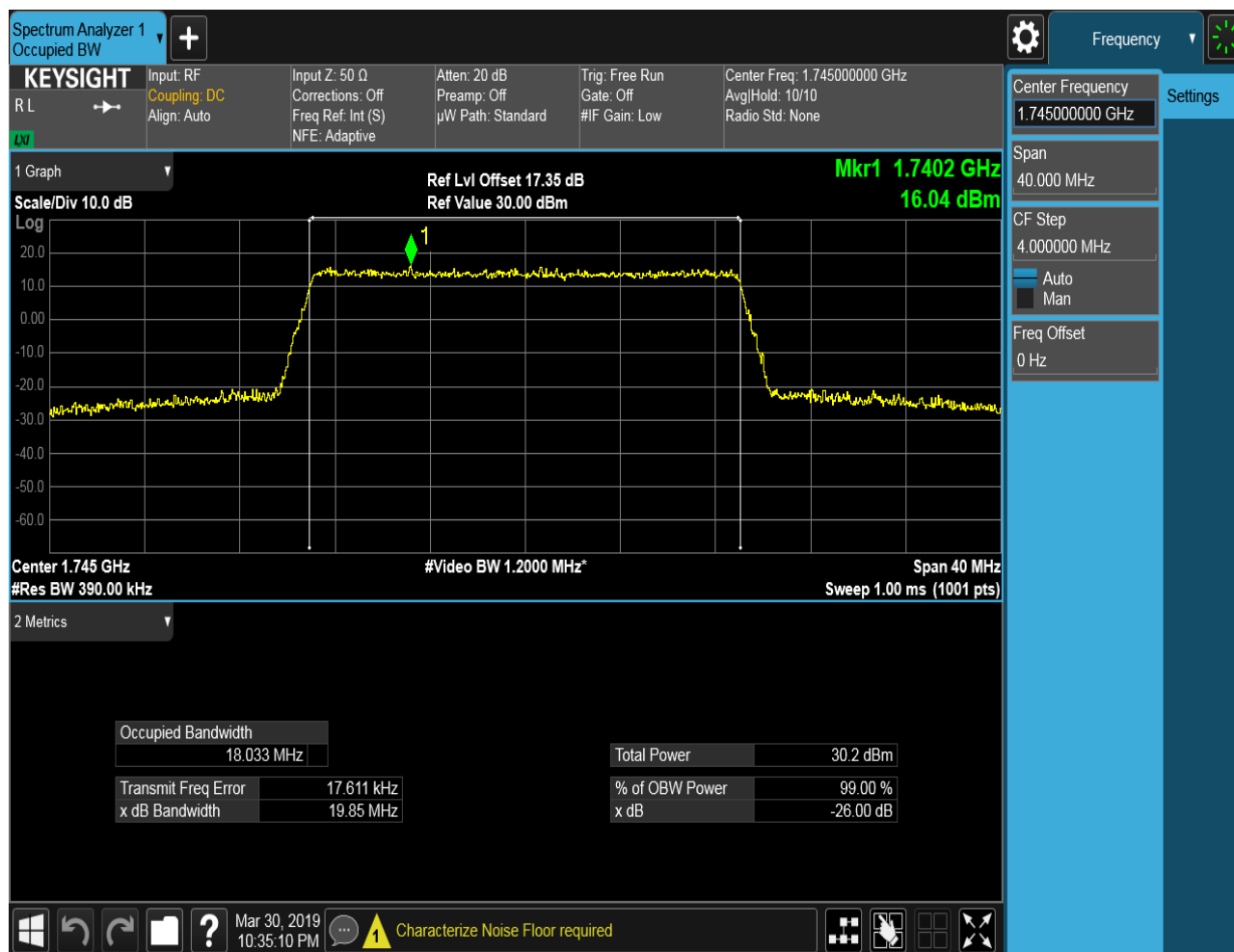
4.1.1.2.6.2 Test Channel = MCH

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

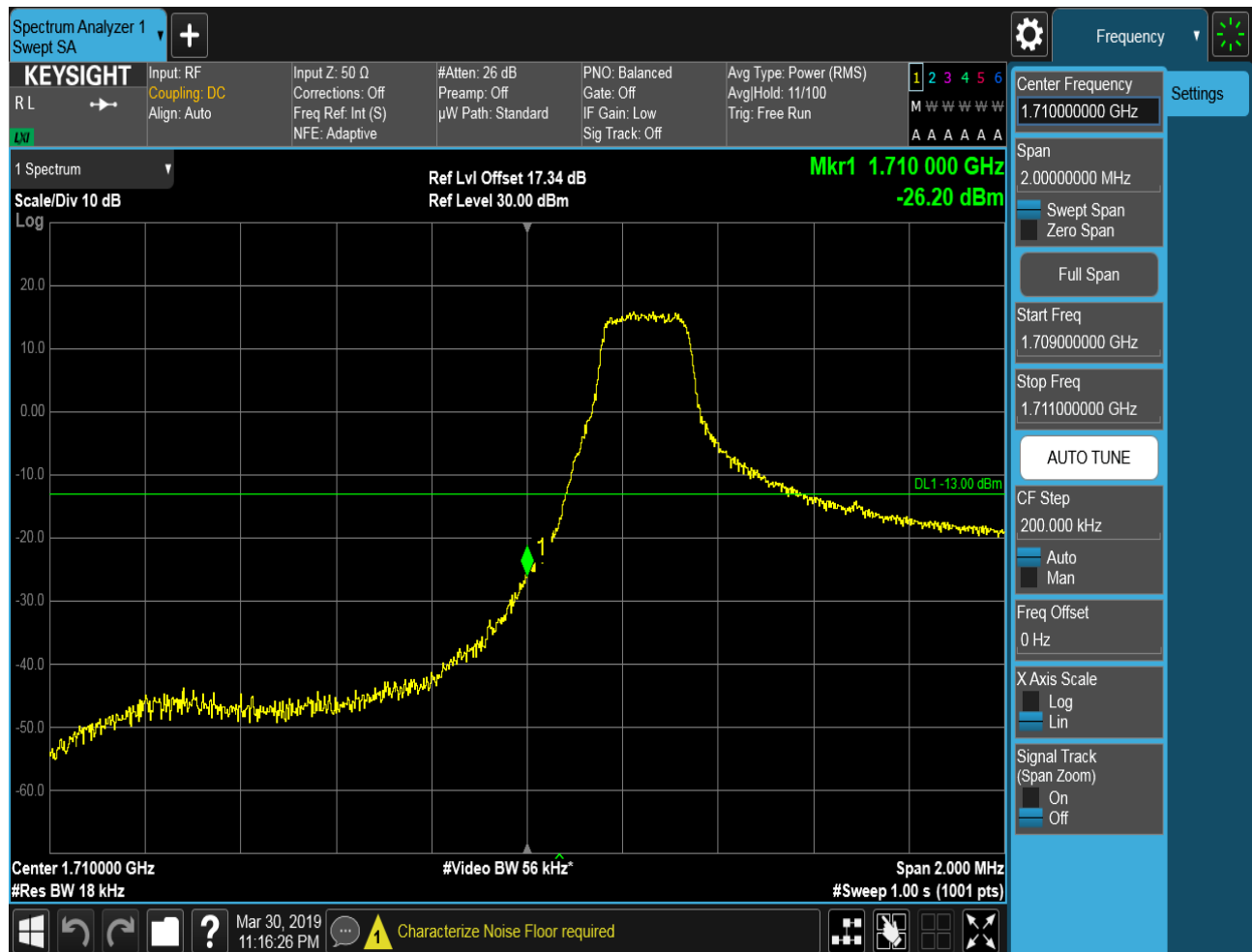
5.1.1 Test Band = Band4

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



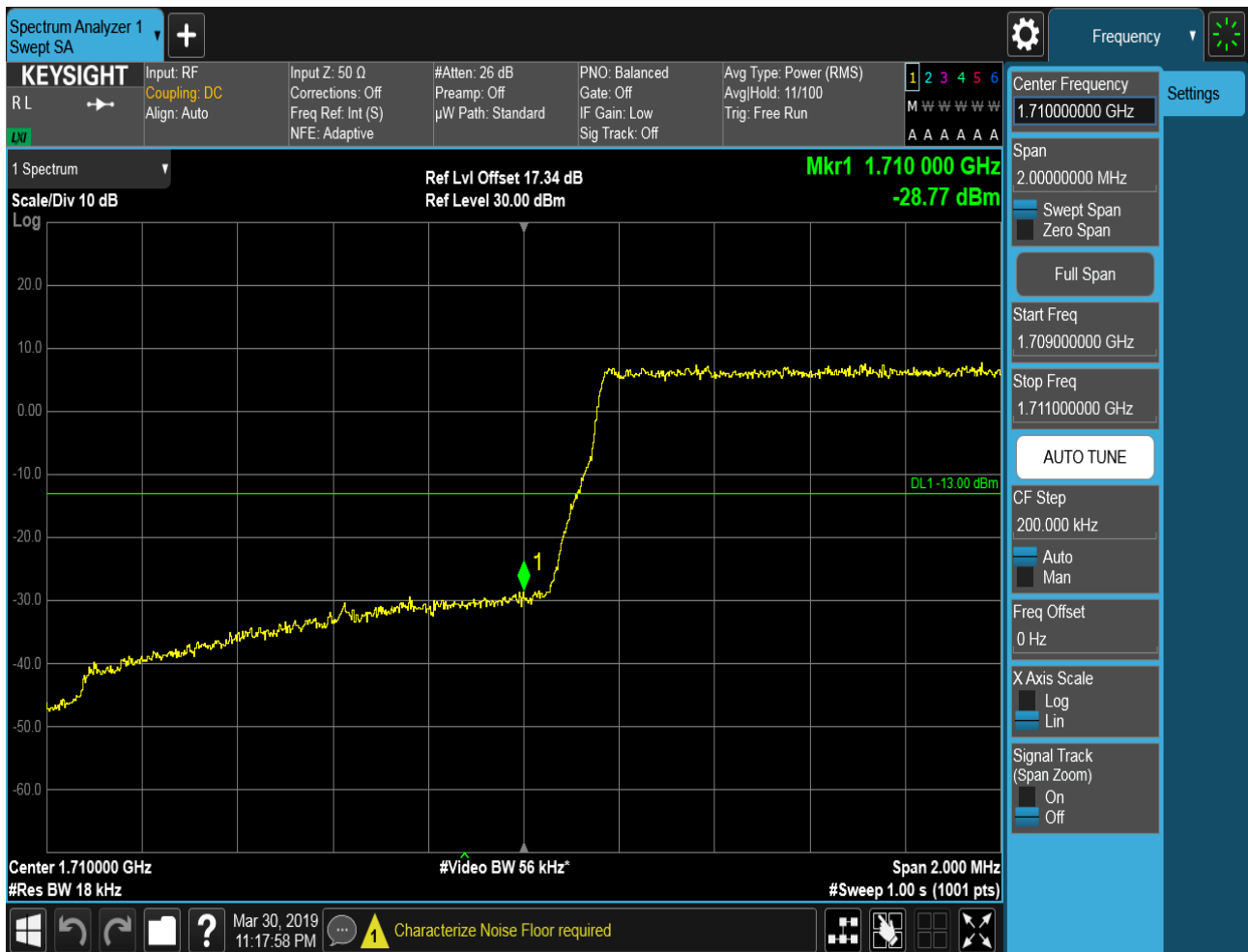
5.1.1.1.1.2 Test RB = RB1#5



5.1.1.1.1.3 Test RB = RB3#2



5.1.1.1.1.4 Test RB = RB6#0

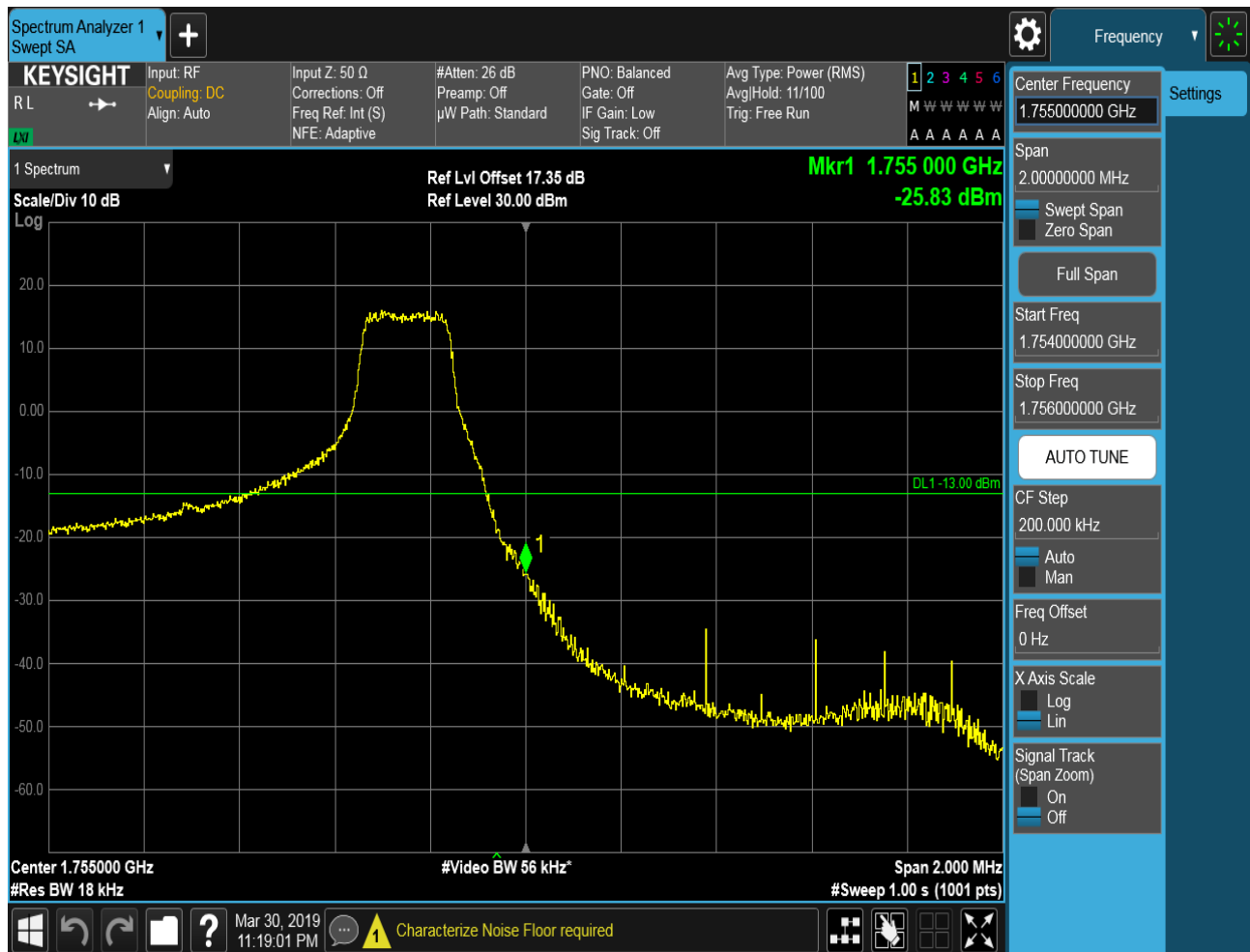


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.1.2.3 Test RB = RB3#2



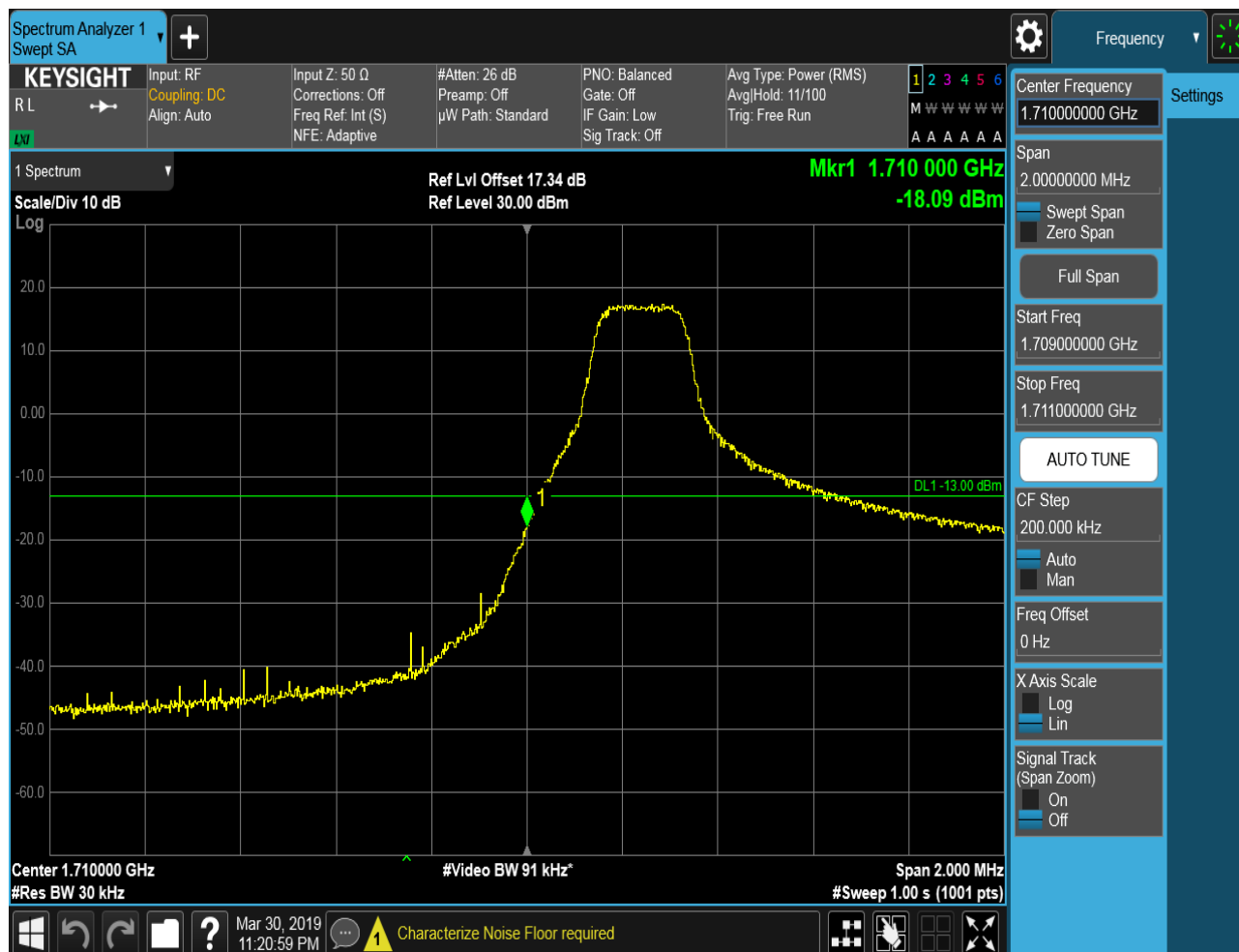
5.1.1.1.2.4 Test RB = RB6#0



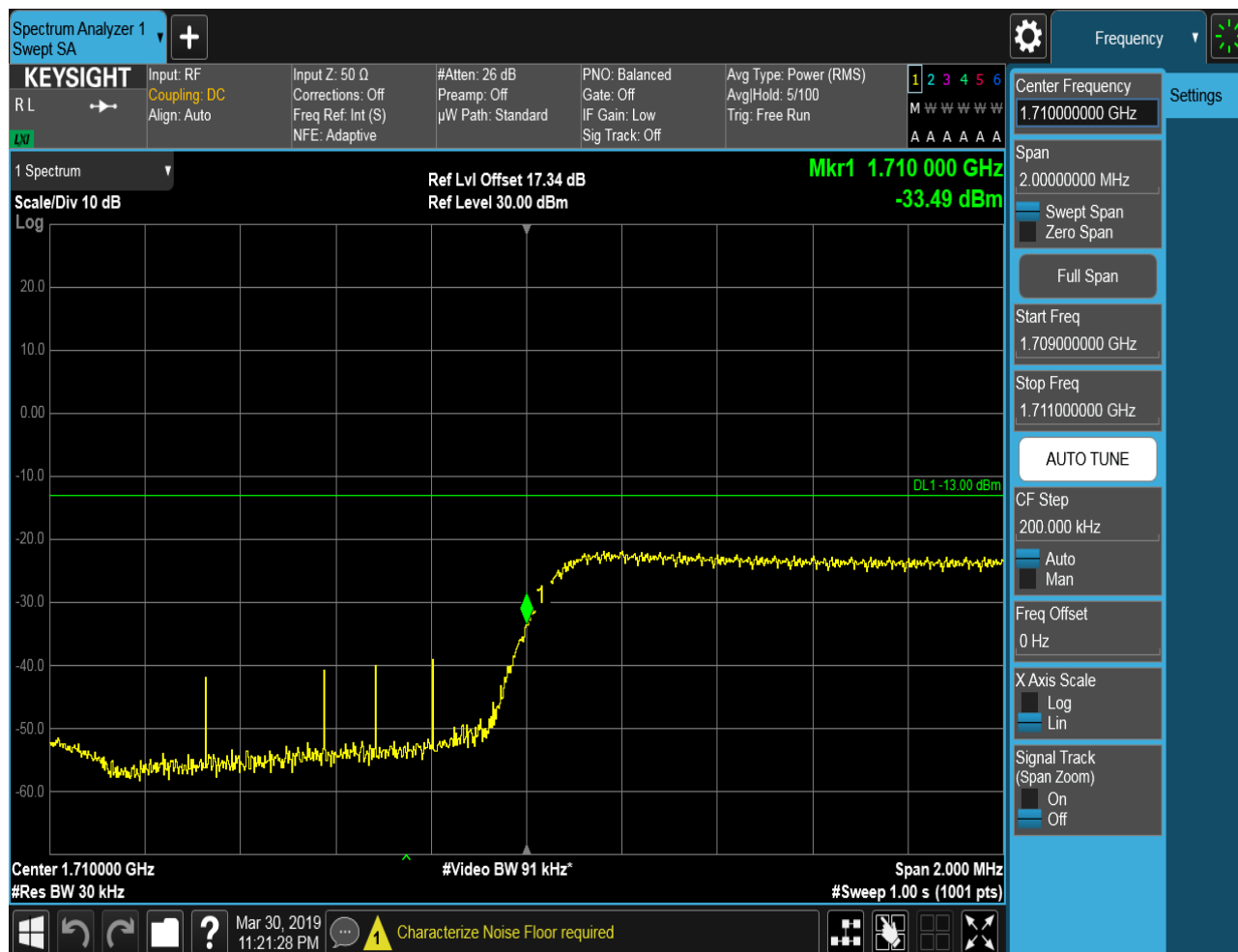
5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



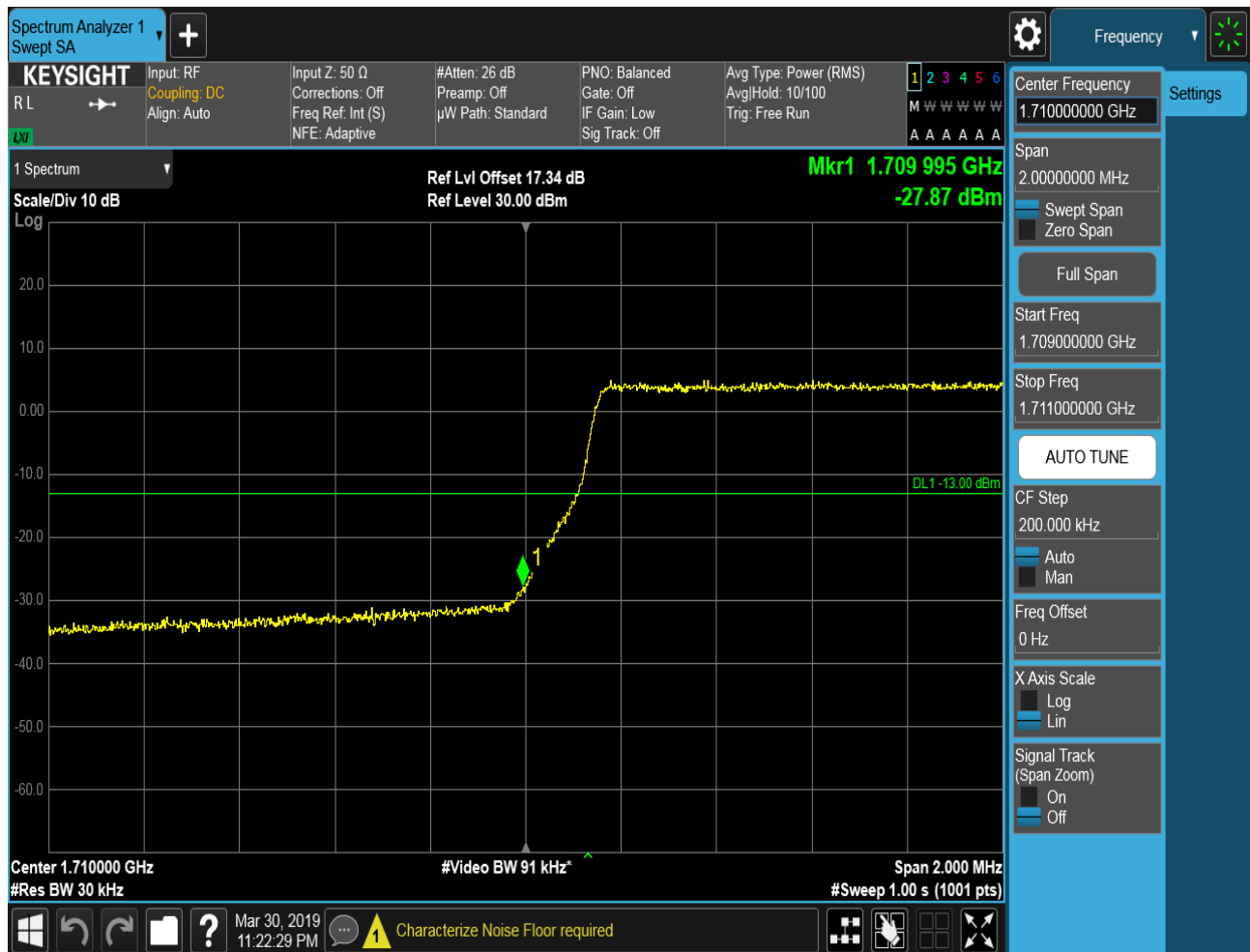
5.1.1.1.2.1.2 Test RB = RB1#14



5.1.1.1.2.1.3 Test RB = RB8#4

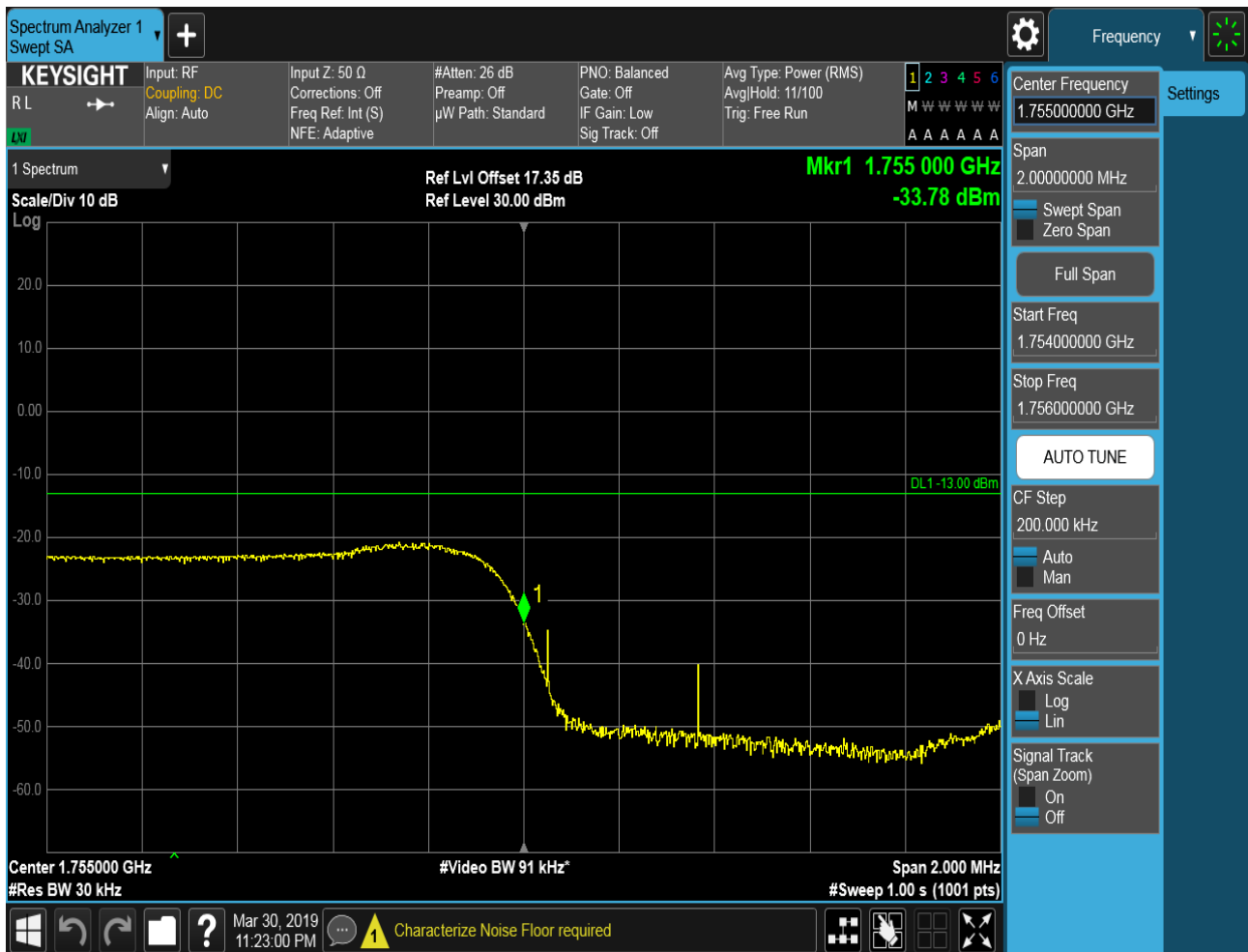


5.1.1.1.2.1.4 Test RB = RB15#0

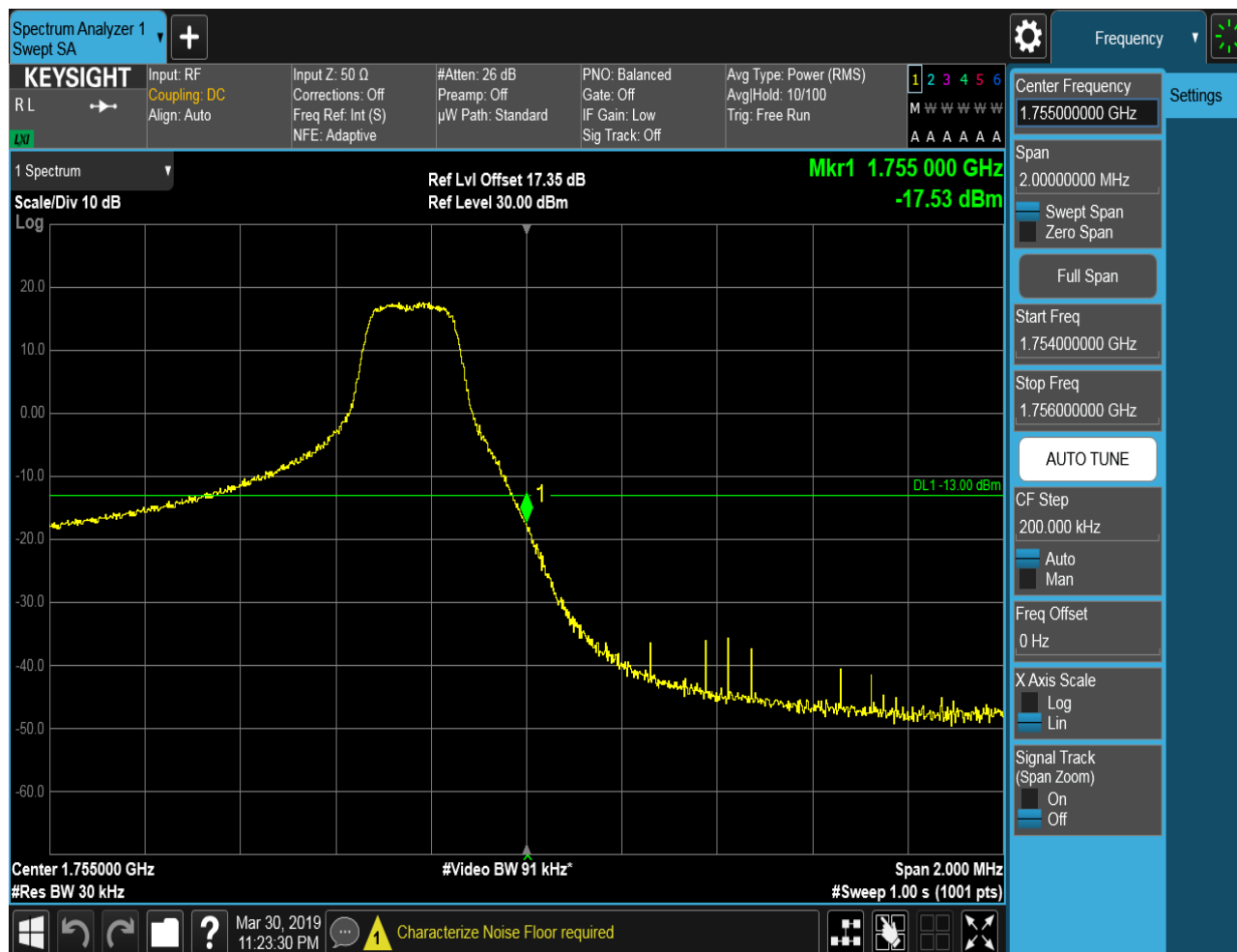


5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#14



5.1.1.1.2.3 Test RB = RB8#4



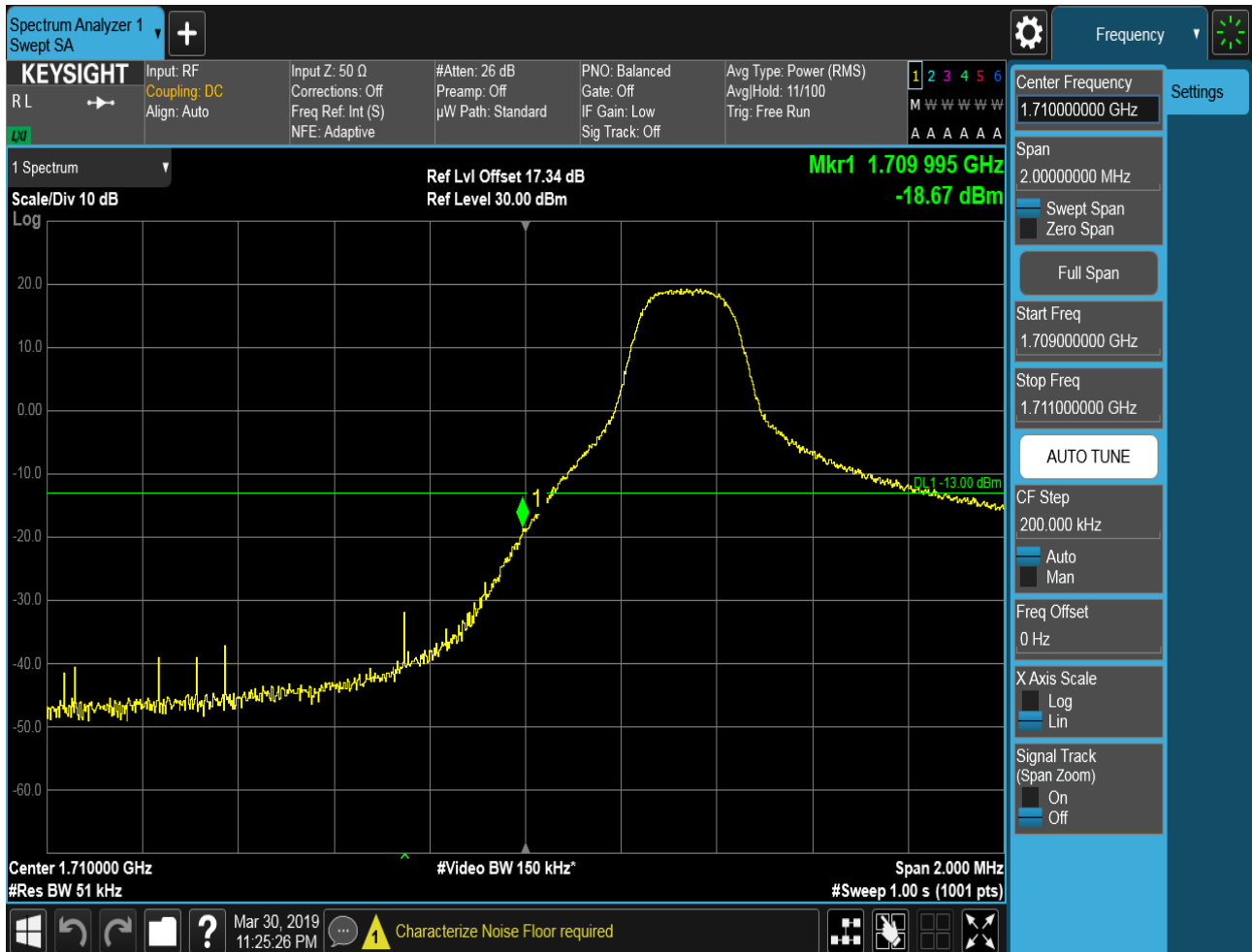
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

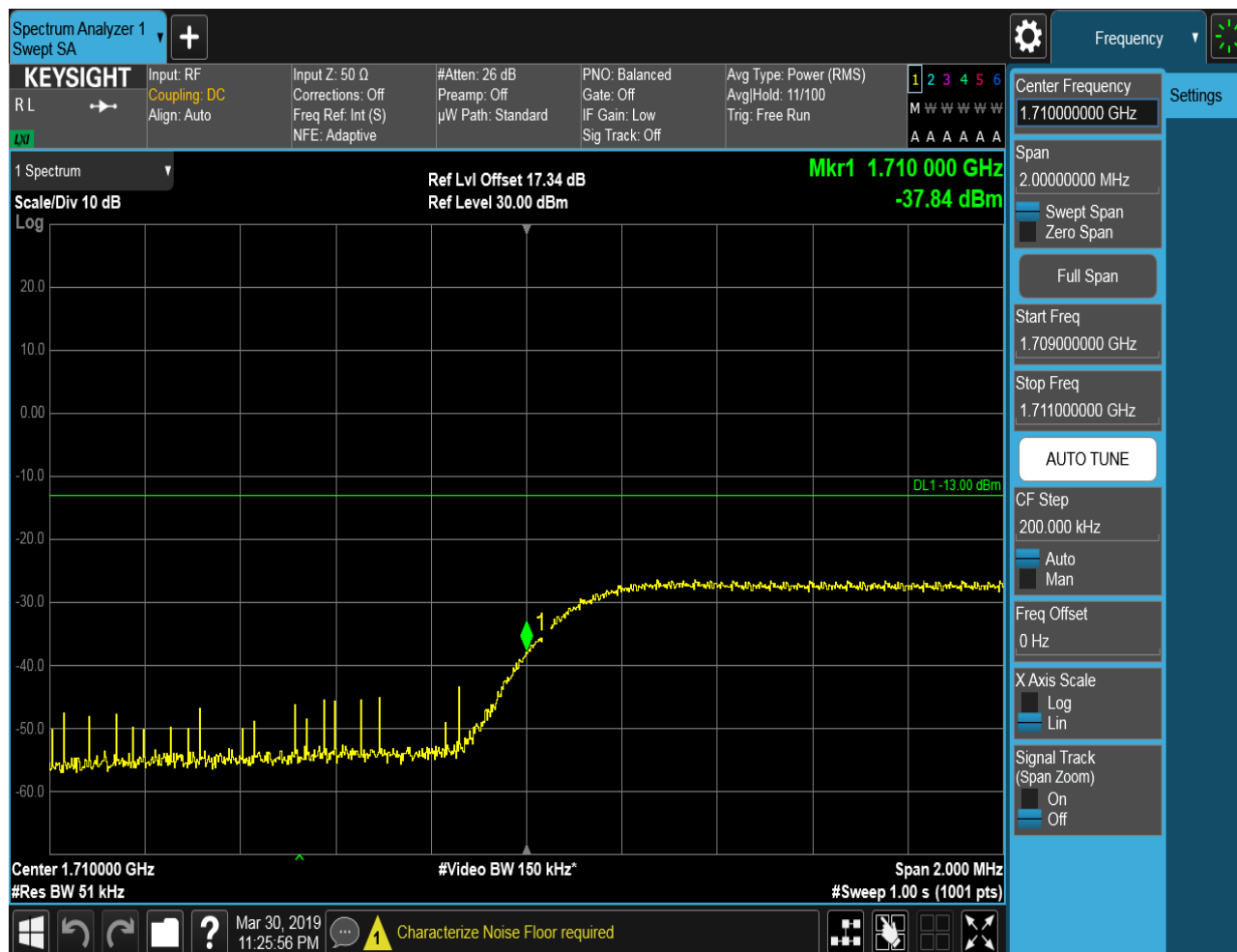
5.1.1.1.3.1 Test Channel = LCH

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

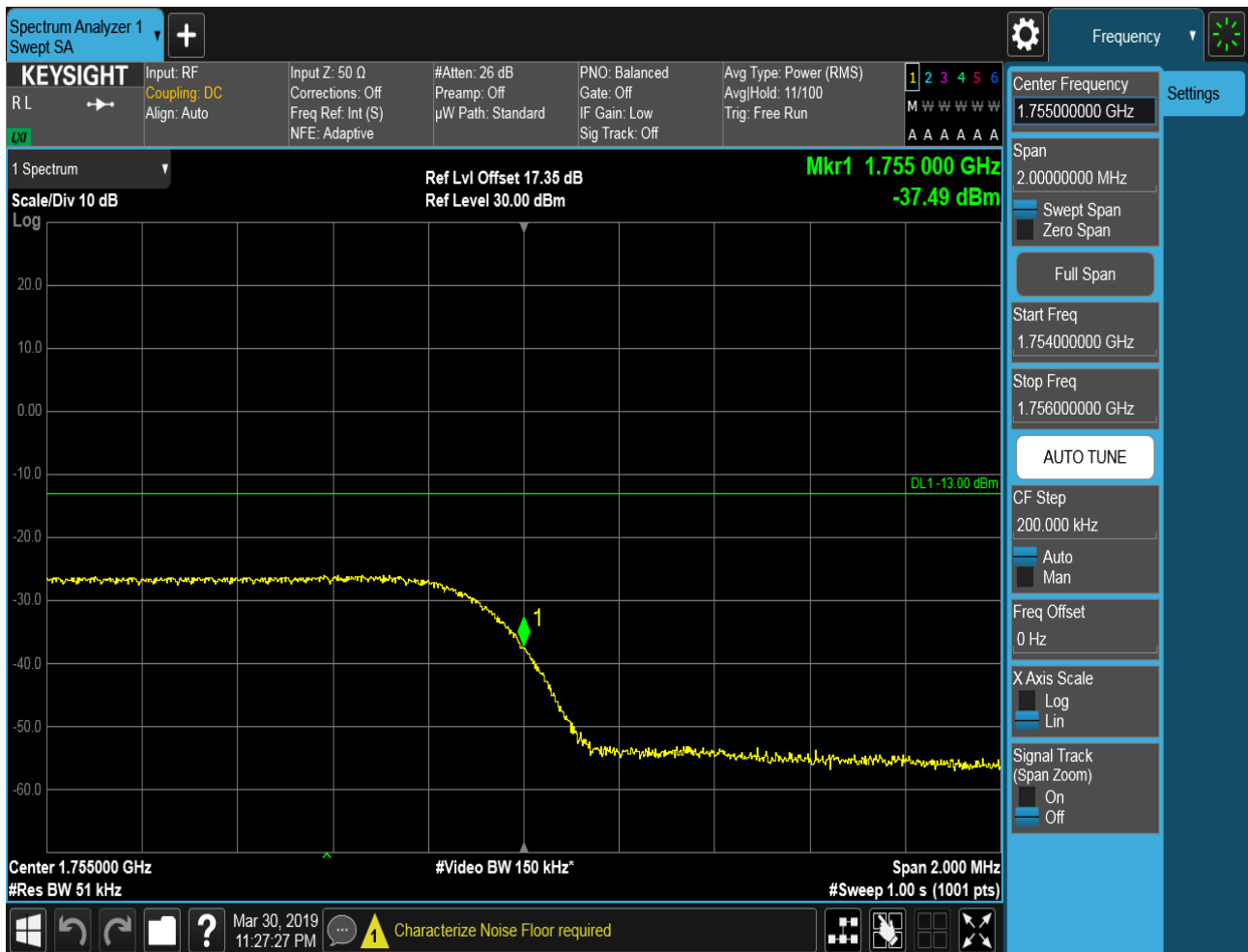


5.1.1.1.3.1.4 Test RB = RB25#0



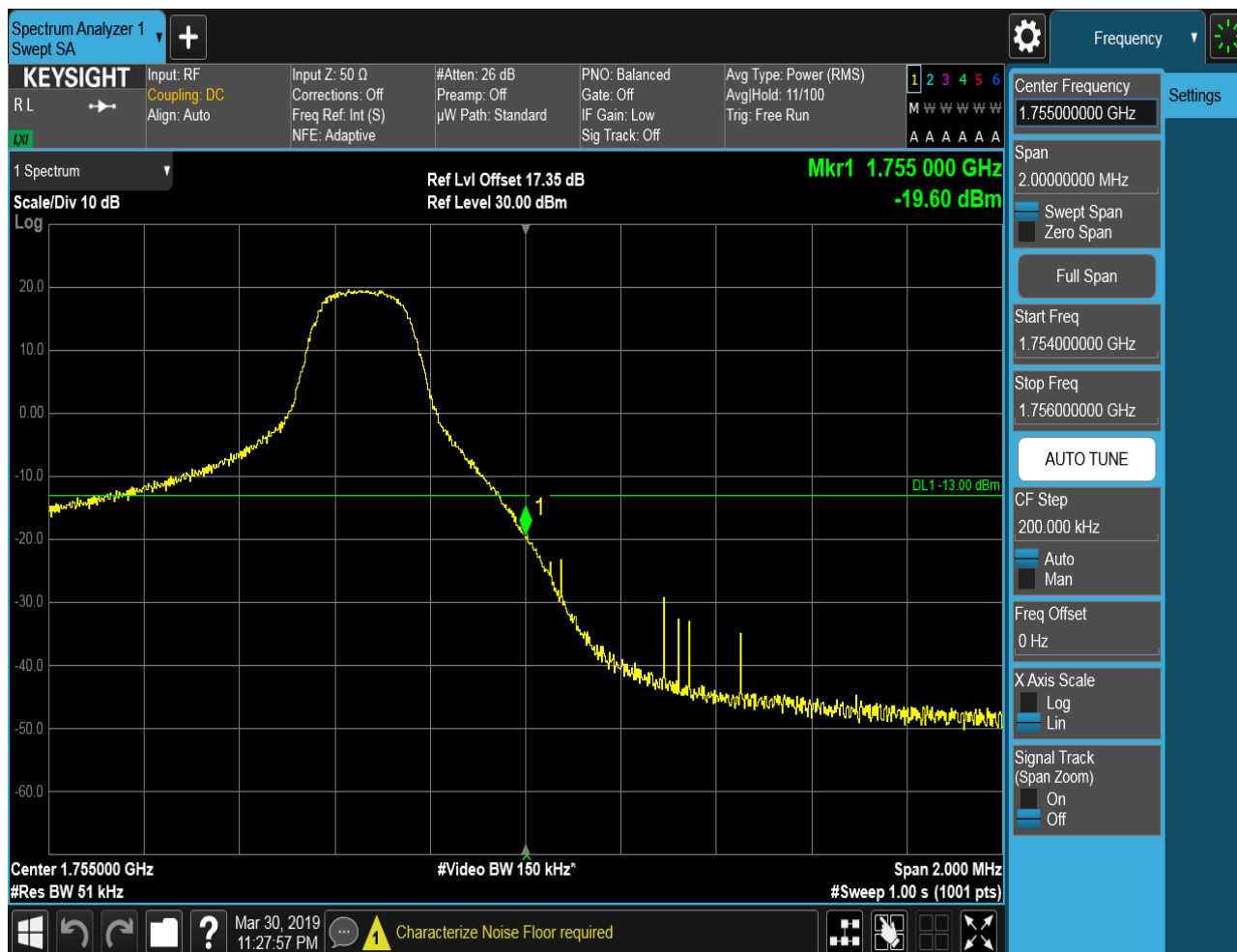
5.1.1.1.3.2 Test Channel = HCH

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



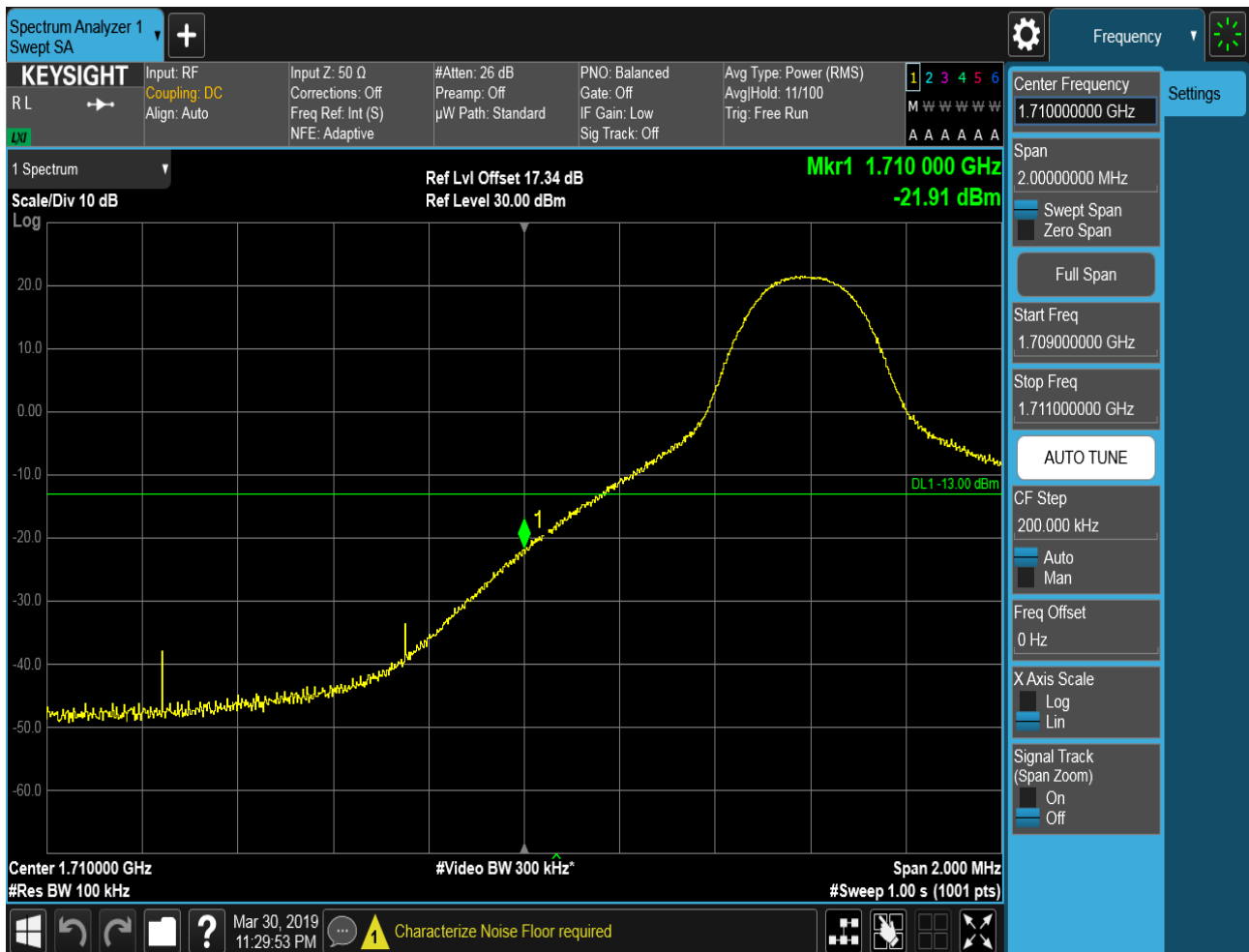
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

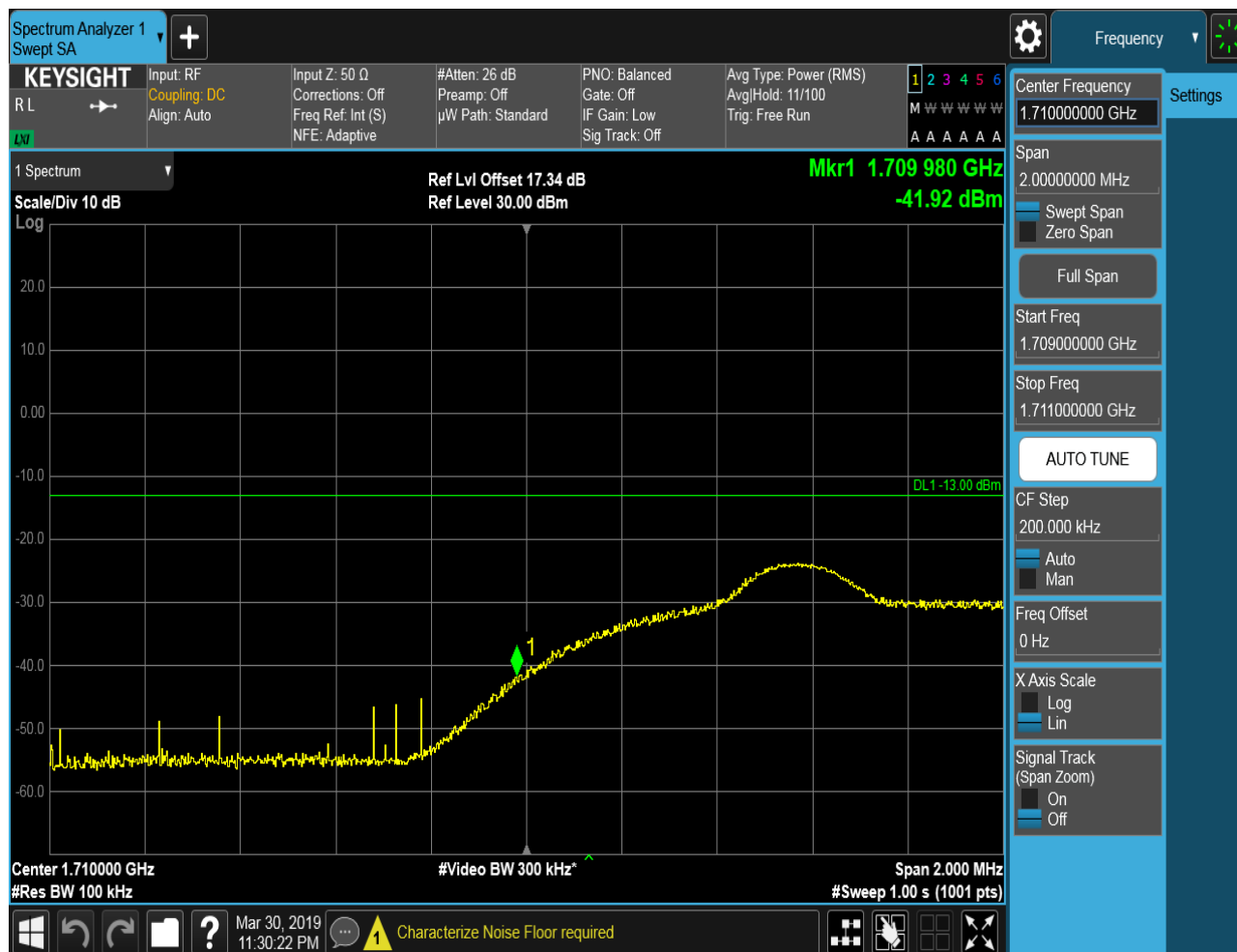
5.1.1.1.4.1 Test Channel = LCH

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

