Appendix for test report

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1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP[dBm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	RB1#0	23.37	23.40	30	PASS
				RB1#3	23.16	23.19	30	PASS
				RB1#5	23.33	23.36	30	PASS
				RB3#0	23.2	23.23	30	PASS
				RB3#2	23.03	23.06	30	PASS
				RB3#3	23.3	23.33	30	PASS
				RB6#0	22.29	22.32	30	PASS
			MCH	RB1#0	23.26	23.29	30	PASS
				RB1#3	22.9	22.93	30	PASS
				RB1#5	23.29	23.32	30	PASS
				RB3#0	23.25	23.28	30	PASS
				RB3#2	22.95	22.98	30	PASS
				RB3#3	23.1	23.13	30	PASS
				RB6#0	22.14	22.17	30	PASS
			HCH	RB1#0	23.49	23.52	30	PASS
				RB1#3	23.21	23.24	30	PASS
				RB1#5	23.5	23.53	30	PASS
				RB3#0	23.27	23.30	30	PASS
				RB3#2	23	23.03	30	PASS
				RB3#3	23.36	23.39	30	PASS
				RB6#0	22.32	22.35	30	PASS
		3	LCH	RB1#0	23.37	23.40	30	PASS
				RB1#7	22.99	23.02	30	PASS
				RB1#14	23.36	23.39	30	PASS
				RB8#0	22.35	22.38	30	PASS
				RB8#4	22.33	22.36	30	PASS
				RB8#7	22.32	22.35	30	PASS

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				RB15#0	22.35	22.38	30	PASS
			MCH	RB1#0	23.32	23.35	30	PASS
				RB1#7	22.88	22.91	30	PASS
				RB1#14	23.33	23.36	30	PASS
				RB8#0	22.29	22.32	30	PASS
				RB8#4	22.27	22.30	30	PASS
				RB8#7	22.15	22.18	30	PASS
				RB15#0	22.27	22.30	30	PASS
			HCH	RB1#0	23.31	23.34	30	PASS
				RB1#7	22.76	22.79	30	PASS
				RB1#14	23.42	23.45	30	PASS
				RB8#0	22.39	22.42	30	PASS
				RB8#4	22.27	22.30	30	PASS
				RB8#7	22.38	22.41	30	PASS
				RB15#0	22.33	22.36	30	PASS
		5	LCH	RB1#0	23.36	23.39	30	PASS
				RB1#13	23.38	23.41	30	PASS
				RB1#24	23.38	23.41	30	PASS
				RB12#0	22.37	22.40	30	PASS
				RB12#6	22.28	22.31	30	PASS
				RB12#13	22.34	22.37	30	PASS
				RB25#0	22.33	22.36	30	PASS
			MCH	RB1#0	23.29	23.32	30	PASS
				RB1#13	23.3	23.33	30	PASS
				RB1#24	23.31	23.34	30	PASS
				RB12#0	22.36	22.39	30	PASS
				RB12#6	22.34	22.37	30	PASS
				RB12#13	22.33	22.36	30	PASS
				RB25#0	22.33	22.36	30	PASS
			HCH	RB1#0	23.33	23.36	30	PASS
				RB1#13	23.38	23.41	30	PASS
				RB1#24	23.44	23.47	30	PASS
				RB12#0	22.3	22.33	30	PASS
				RB12#6	22.33	22.36	30	PASS
				RB12#13	22.39	22.42	30	PASS
				RB25#0	22.3	22.33	30	PASS
		10	LCH	RB1#0	23.32	23.35	30	PASS
				RB1#25	22.54	22.57	30	PASS
				RB1#49	23.23	23.26	30	PASS

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				RB25#0	22.29	22.32	30	PASS
				RB25#13	22.33	22.36	30	PASS
				RB25#25	22.24	22.27	30	PASS
				RB50#0	22.32	22.35	30	PASS
			MCH	RB1#0	23.21	23.24	30	PASS
				RB1#25	22.79	22.82	30	PASS
				RB1#49	23.28	23.31	30	PASS
				RB25#0	22.22	22.25	30	PASS
				RB25#13	22.29	22.32	30	PASS
				RB25#25	22.29	22.32	30	PASS
				RB50#0	22.2	22.23	30	PASS
			HCH	RB1#0	23.17	23.20	30	PASS
				RB1#25	23.03	23.06	30	PASS
				RB1#49	23.27	23.30	30	PASS
				RB25#0	22.25	22.28	30	PASS
				RB25#13	22.24	22.27	30	PASS
				RB25#25	22.28	22.31	30	PASS
				RB50#0	22.25	22.28	30	PASS
		15	LCH	RB1#0	23.25	23.28	30	PASS
				RB1#38	23.34	23.37	30	PASS
				RB1#74	23.17	23.20	30	PASS
				RB38#0	22.28	22.31	30	PASS
				RB38#19	22.32	22.35	30	PASS
				RB38#39	22.23	22.26	30	PASS
				RB75#0	22.26	22.29	30	PASS
			MCH	RB1#0	23.17	23.20	30	PASS
				RB1#38	23.26	23.29	30	PASS
				RB1#74	23.13	23.16	30	PASS
				RB38#0	22.28	22.31	30	PASS
				RB38#19	22.28	22.31	30	PASS
				RB38#39	22.21	22.24	30	PASS
				RB75#0	22.2	22.23	30	PASS
			HCH	RB1#0	23.12	23.15	30	PASS
				RB1#38	23.29	23.32	30	PASS
				RB1#74	23.2	23.23	30	PASS
				RB38#0	22.2	22.23	30	PASS
				RB38#19	22.28	22.31	30	PASS
				RB38#39	22.32	22.35	30	PASS
				RB75#0	22.22	22.25	30	PASS

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			LCH	RB1#0	23.27	23.30	30	PASS
				RB1#50	22.91	22.94	30	PASS
				RB1#99	23.21	23.24	30	PASS
				RB50#0	22.29	22.32	30	PASS
				RB50#25	22.26	22.29	30	PASS
				RB50#50	22.28	22.31	30	PASS
				RB100#0	22.25	22.28	30	PASS
		20	MCH	RB1#0	23.24	23.27	30	PASS
				RB1#50	22.96	22.99	30	PASS
				RB1#99	23.22	23.25	30	PASS
				RB50#0	22.22	22.25	30	PASS
				RB50#25	22.21	22.24	30	PASS
				RB50#50	22.19	22.22	30	PASS
				RB100#0	22.25	22.28	30	PASS
			HCH	RB1#0	23.28	23.31	30	PASS
				RB1#50	23.07	23.10	30	PASS
				RB1#99	23.39	23.42	30	PASS
				RB50#0	22.19	22.22	30	PASS
				RB50#25	22.17	22.20	30	PASS
				RB50#50	22.26	22.29	30	PASS
				RB100#0	22.18	22.21	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.36	22.39	30	PASS
				RB1#3	22.21	22.24	30	PASS
				RB1#5	22.37	22.40	30	PASS
				RB3#0	22.38	22.41	30	PASS
				RB3#2	22.22	22.25	30	PASS
				RB3#3	22.29	22.32	30	PASS
				RB6#0	21.06	21.09	30	PASS
			MCH	RB1#0	22.31	22.34	30	PASS
				RB1#3	22.03	22.06	30	PASS
				RB1#5	22.28	22.31	30	PASS
				RB3#0	22.31	22.34	30	PASS
				RB3#2	22.01	22.04	30	PASS
				RB3#3	22.29	22.32	30	PASS
				RB6#0	21.05	21.08	30	PASS
			HCH	RB1#0	22.48	22.51	30	PASS
				RB1#3	22.24	22.27	30	PASS
				RB1#5	22.5	22.53	30	PASS
				RB3#0	22.31	22.34	30	PASS

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				RB3#2	21.98	22.01	30	PASS
				RB3#3	22.24	22.27	30	PASS
				RB6#0	21.18	21.21	30	PASS
		3	LCH	RB1#0	22.54	22.57	30	PASS
				RB1#7	22.37	22.40	30	PASS
				RB1#14	22.51	22.54	30	PASS
				RB8#0	21.14	21.17	30	PASS
				RB8#4	21.3	21.33	30	PASS
				RB8#7	21.25	21.28	30	PASS
				RB15#0	21.3	21.33	30	PASS
			MCH	RB1#0	22.2	22.23	30	PASS
				RB1#7	21.99	22.02	30	PASS
				RB1#14	22.27	22.30	30	PASS
				RB8#0	21.18	21.21	30	PASS
				RB8#4	21.21	21.24	30	PASS
				RB8#7	21.15	21.18	30	PASS
				RB15#0	21.2	21.23	30	PASS
			HCH	RB1#0	22.33	22.36	30	PASS
				RB1#7	21.89	21.92	30	PASS
				RB1#14	22.43	22.46	30	PASS
				RB8#0	21.27	21.30	30	PASS
				RB8#4	21.35	21.38	30	PASS
				RB8#7	21.33	21.36	30	PASS
				RB15#0	21.24	21.27	30	PASS
		5	LCH	RB1#0	22.55	22.58	30	PASS
				RB1#13	22.54	22.57	30	PASS
				RB1#24	22.54	22.57	30	PASS
				RB12#0	21.36	21.39	30	PASS
				RB12#6	21.24	21.27	30	PASS
				RB12#13	21.31	21.34	30	PASS
				RB25#0	21.28	21.31	30	PASS
			MCH	RB1#0	22.43	22.46	30	PASS
				RB1#13	22.41	22.44	30	PASS
				RB1#24	22.43	22.46	30	PASS
				RB12#0	21.2	21.23	30	PASS
				RB12#6	21.19	21.22	30	PASS
				RB12#13	21.29	21.32	30	PASS
				RB25#0	21.17	21.20	30	PASS
			HCH	RB1#0	22.57	22.60	30	PASS

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				RB1#13	22.68	22.71	30	PASS
				RB1#24	22.69	22.72	30	PASS
				RB12#0	21.26	21.29	30	PASS
				RB12#6	21.22	21.25	30	PASS
				RB12#13	21.3	21.33	30	PASS
				RB25#0	21.21	21.24	30	PASS
		10	LCH	RB1#0	22.28	22.31	30	PASS
				RB1#25	22.1	22.13	30	PASS
				RB1#49	22.27	22.30	30	PASS
				RB25#0	21.29	21.32	30	PASS
				RB25#13	21.24	21.27	30	PASS
				RB25#25	21.24	21.27	30	PASS
				RB50#0	21.22	21.25	30	PASS
			MCH	RB1#0	22.17	22.20	30	PASS
				RB1#25	21.88	21.91	30	PASS
				RB1#49	22.25	22.28	30	PASS
				RB25#0	21.14	21.17	30	PASS
				RB25#13	21.17	21.20	30	PASS
				RB25#25	21.12	21.15	30	PASS
				RB50#0	21.12	21.15	30	PASS
			HCH	RB1#0	22.55	22.58	30	PASS
				RB1#25	21.94	21.97	30	PASS
				RB1#49	22.33	22.36	30	PASS
				RB25#0	21.17	21.20	30	PASS
				RB25#13	21.19	21.22	30	PASS
				RB25#25	21.17	21.20	30	PASS
				RB50#0	21.21	21.24	30	PASS
		15	LCH	RB1#0	22.23	22.26	30	PASS
				RB1#38	22.35	22.38	30	PASS
				RB1#74	22.16	22.19	30	PASS
				RB38#0	21.23	21.26	30	PASS
				RB38#19	21.19	21.22	30	PASS
				RB38#39	21.21	21.24	30	PASS
				RB75#0	21.14	21.17	30	PASS
			MCH	RB1#0	22.31	22.34	30	PASS
				RB1#38	22.49	22.52	30	PASS
				RB1#74	22.34	22.37	30	PASS
				RB38#0	21.22	21.25	30	PASS
				RB38#19	21.23	21.26	30	PASS

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				RB38#39	21.15	21.18	30	PASS
				RB75#0	21.11	21.14	30	PASS
			HCH	RB1#0	22.37	22.40	30	PASS
				RB1#38	22.51	22.54	30	PASS
				RB1#74	22.49	22.52	30	PASS
				RB38#0	21.18	21.21	30	PASS
				RB38#19	21.21	21.24	30	PASS
				RB38#39	21.23	21.26	30	PASS
				RB75#0	21.13	21.16	30	PASS
		20	LCH	RB1#0	22.43	22.46	30	PASS
				RB1#50	22.2	22.23	30	PASS
				RB1#99	22.43	22.46	30	PASS
				RB50#0	21.12	21.15	30	PASS
				RB50#25	21.14	21.17	30	PASS
				RB50#50	21.11	21.14	30	PASS
				RB100#0	21.08	21.11	30	PASS
			MCH	RB1#0	22.29	22.32	30	PASS
				RB1#50	21.97	22.00	30	PASS
				RB1#99	22.29	22.32	30	PASS
				RB50#0	21.22	21.25	30	PASS
				RB50#25	21.22	21.25	30	PASS
				RB50#50	21.11	21.14	30	PASS
				RB100#0	21.19	21.22	30	PASS
			HCH	RB1#0	22.35	22.38	30	PASS
				RB1#50	22.15	22.18	30	PASS
				RB1#99	22.49	22.52	30	PASS
				RB50#0	21.14	21.17	30	PASS
				RB50#25	21.14	21.17	30	PASS
				RB50#50	21.24	21.27	30	PASS
				RB100#0	21.12	21.15	30	PASS

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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
BAND4	LTE/TM1	1.4	LCH	RB1#0	4.49	13	PASS
				RB1#3	4.65	13	PASS
				RB1#5	4.53	13	PASS
				RB3#0	5.28	13	PASS
				RB3#2	5.22	13	PASS
				RB3#3	5.3	13	PASS
				RB6#0	5.6	13	PASS
			MCH	RB1#0	4.82	13	PASS
				RB1#3	4.93	13	PASS
				RB1#5	4.76	13	PASS
				RB3#0	5.11	13	PASS
				RB3#2	5.21	13	PASS
				RB3#3	5.13	13	PASS
				RB6#0	5.66	13	PASS
			HCH	RB1#0	4.51	13	PASS
				RB1#3	4.49	13	PASS
				RB1#5	4.43	13	PASS
				RB3#0	5.04	13	PASS
				RB3#2	4.91	13	PASS
				RB3#3	5.01	13	PASS
				RB6#0	5.48	13	PASS
		3	LCH	RB1#0	4.37	13	PASS
				RB1#7	4.4	13	PASS
				RB1#14	4.52	13	PASS
				RB8#0	5.43	13	PASS
				RB8#4	5.38	13	PASS
				RB8#7	5.48	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	5.87	13	PASS
			MCH	RB1#0	4.58	13	PASS
				RB1#7	4.78	13	PASS
				RB1#14	4.61	13	PASS
				RB8#0	5.34	13	PASS
				RB8#4	5.36	13	PASS
				RB8#7	5.28	13	PASS
				RB15#0	5.64	13	PASS
			HCH	RB1#0	4.28	13	PASS
				RB1#7	4.49	13	PASS
				RB1#14	4.32	13	PASS
				RB8#0	5.17	13	PASS
				RB8#4	5.14	13	PASS
				RB8#7	5.12	13	PASS
				RB15#0	5.26	13	PASS
		5	LCH	RB1#0	4.48	13	PASS
				RB1#13	4.59	13	PASS
				RB1#24	4.78	13	PASS
				RB12#0	5.38	13	PASS
				RB12#6	5.42	13	PASS
				RB12#13	5.54	13	PASS
				RB25#0	6.03	13	PASS
			MCH	RB1#0	4.79	13	PASS
				RB1#13	4.67	13	PASS
				RB1#24	4.68	13	PASS
				RB12#0	5.66	13	PASS
				RB12#6	5.41	13	PASS
				RB12#13	5.6	13	PASS
				RB25#0	5.66	13	PASS
			HCH	RB1#0	4.59	13	PASS
				RB1#13	4.39	13	PASS
				RB1#24	4.34	13	PASS
				RB12#0	5.52	13	PASS
				RB12#6	5.35	13	PASS
				RB12#13	5.36	13	PASS
				RB25#0	5.84	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10	LCH	RB1#0	4.48	13	PASS
				RB1#25	4.77	13	PASS
				RB1#49	4.74	13	PASS
				RB25#0	5.63	13	PASS
				RB25#13	5.71	13	PASS
				RB25#25	5.84	13	PASS
				RB50#0	5.95	13	PASS
			MCH	RB1#0	4.67	13	PASS
				RB1#25	4.41	13	PASS
				RB1#49	4.31	13	PASS
				RB25#0	5.71	13	PASS
				RB25#13	5.56	13	PASS
				RB25#25	5.71	13	PASS
				RB50#0	5.86	13	PASS
			HCH	RB1#0	4.62	13	PASS
				RB1#25	4.6	13	PASS
				RB1#49	4.47	13	PASS
				RB25#0	5.49	13	PASS
				RB25#13	5.38	13	PASS
				RB25#25	5.48	13	PASS
				RB50#0	5.9	13	PASS
		15	LCH	RB1#0	4.73	13	PASS
				RB1#38	4.9	13	PASS
				RB1#74	4.84	13	PASS
				RB38#0	5.74	13	PASS
				RB38#19	5.76	13	PASS
				RB38#39	5.89	13	PASS
				RB75#0	6.15	13	PASS
			MCH	RB1#0	4.85	13	PASS
				RB1#38	4.71	13	PASS
				RB1#74	4.68	13	PASS
				RB38#0	5.72	13	PASS
				RB38#19	5.56	13	PASS
				RB38#39	5.72	13	PASS
				RB75#0	6.19	13	PASS
			HCH	RB1#0	4.93	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#38	4.66	13	PASS
				RB1#74	4.67	13	PASS
				RB38#0	5.64	13	PASS
				RB38#19	5.54	13	PASS
				RB38#39	5.63	13	PASS
				RB75#0	6.06	13	PASS
		20	LCH	RB1#0	4.72	13	PASS
				RB1#50	5.01	13	PASS
				RB1#99	4.85	13	PASS
				RB50#0	5.87	13	PASS
				RB50#25	5.94	13	PASS
				RB50#50	6.06	13	PASS
				RB100#0	6.33	13	PASS
			MCH	RB1#0	4.96	13	PASS
				RB1#50	5.01	13	PASS
				RB1#99	4.89	13	PASS
				RB50#0	5.72	13	PASS
				RB50#25	5.53	13	PASS
				RB50#50	5.64	13	PASS
				RB100#0	6.11	13	PASS
			HCH	RB1#0	4.72	13	PASS
				RB1#50	4.77	13	PASS
				RB1#99	4.6	13	PASS
				RB50#0	5.62	13	PASS
				RB50#25	5.48	13	PASS
				RB50#50	5.58	13	PASS
				RB100#0	5.98	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.98	13	PASS
				RB1#3	5.38	13	PASS
				RB1#5	5.05	13	PASS
				RB3#0	5.56	13	PASS
				RB3#2	5.5	13	PASS
				RB3#3	5.53	13	PASS
				RB6#0	6.34	13	PASS
			MCH	RB1#0	5.06	13	PASS
				RB1#3	5.32	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#5	5.09	13	PASS
				RB3#0	5.58	13	PASS
				RB3#2	5.57	13	PASS
				RB3#3	5.59	13	PASS
				RB6#0	6.39	13	PASS
			HCH	RB1#0	4.67	13	PASS
				RB1#3	5.08	13	PASS
				RB1#5	4.64	13	PASS
				RB3#0	5.45	13	PASS
				RB3#2	5.52	13	PASS
				RB3#3	5.45	13	PASS
				RB6#0	6.05	13	PASS
		3	LCH	RB1#0	5.15	13	PASS
				RB1#7	5.55	13	PASS
				RB1#14	5.35	13	PASS
				RB8#0	6.19	13	PASS
				RB8#4	6.25	13	PASS
				RB8#7	6.28	13	PASS
				RB15#0	6.31	13	PASS
			MCH	RB1#0	5.75	13	PASS
				RB1#7	5.8	13	PASS
				RB1#14	5.81	13	PASS
				RB8#0	6.2	13	PASS
				RB8#4	6.14	13	PASS
				RB8#7	6.14	13	PASS
				RB15#0	6.48	13	PASS
			HCH	RB1#0	4.74	13	PASS
				RB1#7	4.86	13	PASS
				RB1#14	4.69	13	PASS
				RB8#0	6.04	13	PASS
				RB8#4	5.98	13	PASS
				RB8#7	5.98	13	PASS
				RB15#0	5.94	13	PASS
		5	LCH	RB1#0	4.95	13	PASS
				RB1#13	5.1	13	PASS
				RB1#24	5.2	13	PASS

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Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB12#0	6.31	13	PASS
				RB12#6	6.25	13	PASS
				RB12#13	6.29	13	PASS
				RB25#0	6.54	13	PASS
			MCH	RB1#0	5.33	13	PASS
				RB1#13	5.29	13	PASS
				RB1#24	5.31	13	PASS
				RB12#0	6.09	13	PASS
				RB12#6	6.09	13	PASS
				RB12#13	6.2	13	PASS
				RB25#0	6.54	13	PASS
			HCH	RB1#0	5.07	13	PASS
				RB1#13	4.85	13	PASS
				RB1#24	4.82	13	PASS
				RB12#0	6.03	13	PASS
				RB12#6	5.97	13	PASS
				RB12#13	6.13	13	PASS
				RB25#0	6.76	13	PASS
		10	LCH	RB1#0	5	13	PASS
				RB1#25	5.51	13	PASS
				RB1#49	5.43	13	PASS
				RB25#0	6.55	13	PASS
				RB25#13	6.56	13	PASS
				RB25#25	6.76	13	PASS
				RB50#0	7.04	13	PASS
			MCH	RB1#0	5.24	13	PASS
				RB1#25	5.27	13	PASS
				RB1#49	5.33	13	PASS
				RB25#0	6.44	13	PASS
				RB25#13	6.43	13	PASS
				RB25#25	6.48	13	PASS
				RB50#0	6.74	13	PASS
			HCH	RB1#0	4.94	13	PASS
				RB1#25	4.89	13	PASS
				RB1#49	4.8	13	PASS
				RB25#0	6.26	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#13	6.2	13	PASS
				RB25#25	6.29	13	PASS
				RB50#0	6.63	13	PASS
		15	LCH	RB1#0	5.08	13	PASS
				RB1#38	5.59	13	PASS
				RB1#74	5.82	13	PASS
				RB38#0	6.53	13	PASS
				RB38#19	6.59	13	PASS
				RB38#39	6.66	13	PASS
				RB75#0	7.26	13	PASS
			MCH	RB1#0	5.55	13	PASS
				RB1#38	5.34	13	PASS
				RB1#74	5.4	13	PASS
				RB38#0	6.57	13	PASS
				RB38#19	6.43	13	PASS
				RB38#39	6.52	13	PASS
				RB75#0	7	13	PASS
			HCH	RB1#0	4.81	13	PASS
				RB1#38	4.78	13	PASS
				RB1#74	4.73	13	PASS
				RB38#0	6.47	13	PASS
				RB38#19	6.37	13	PASS
				RB38#39	6.52	13	PASS
				RB75#0	6.88	13	PASS
		20	LCH	RB1#0	0	13	PASS
				RB1#50	5.3	13	PASS
				RB1#99	5.3	13	PASS
				RB50#0	6.84	13	PASS
				RB50#25	6.89	13	PASS
				RB50#50	6.88	13	PASS
				RB100#0	7.08	13	PASS
			MCH	RB1#0	5.41	13	PASS
				RB1#50	5.51	13	PASS
				RB1#99	5.19	13	PASS
				RB50#0	6.6	13	PASS
				RB50#25	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
				RB50#50	6.46	13	PASS
				RB100#0	6.99	13	PASS
			HCH	RB1#0	4.89	13	PASS
				RB1#50	4.64	13	PASS
				RB1#99	4.82	13	PASS
				RB50#0	6.54	13	PASS
				RB50#25	6.41	13	PASS
				RB50#50	6.48	13	PASS
				RB100#0	6.94	13	PASS

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3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

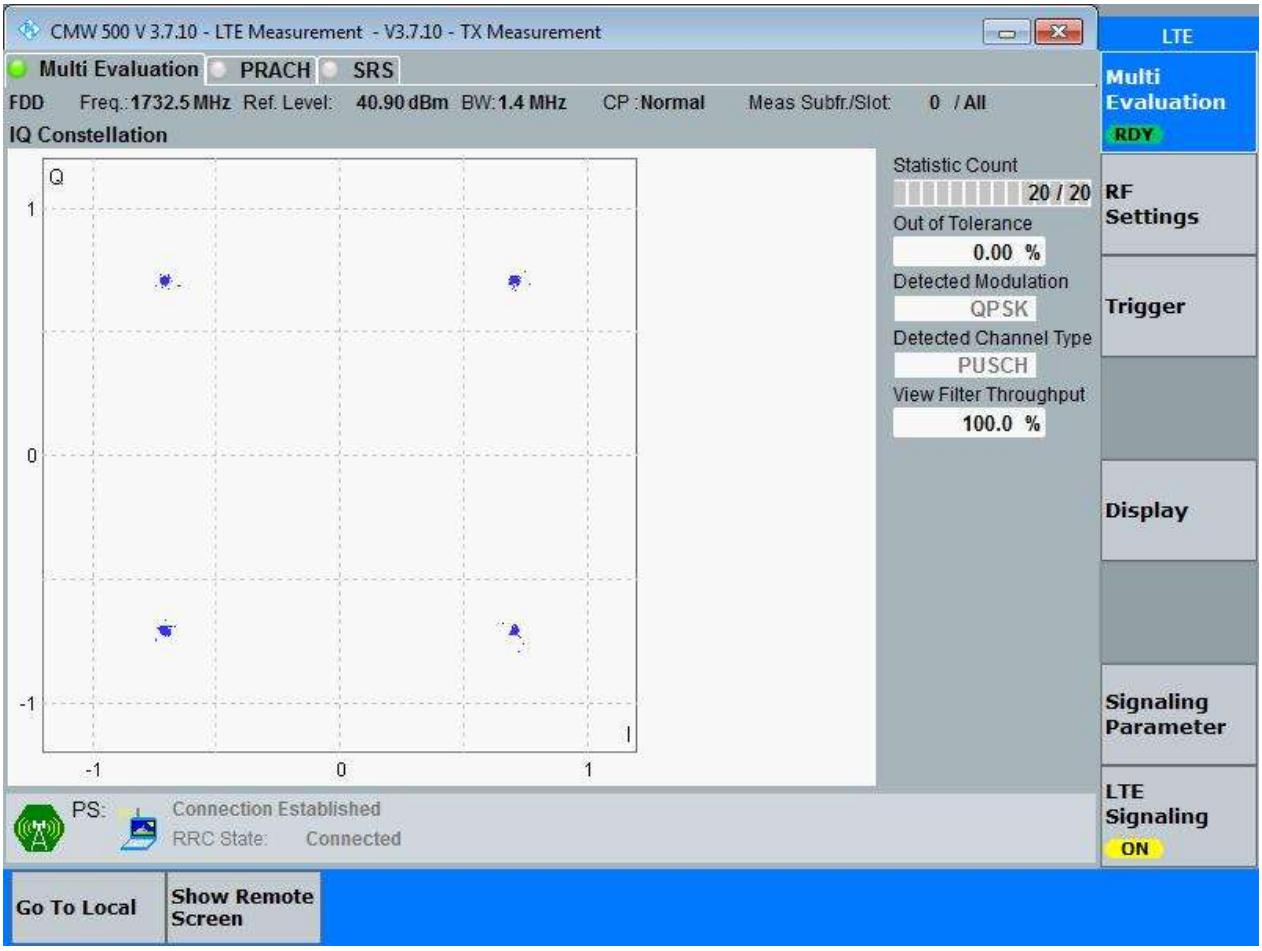
3.1.1 Test Band = BAND4

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

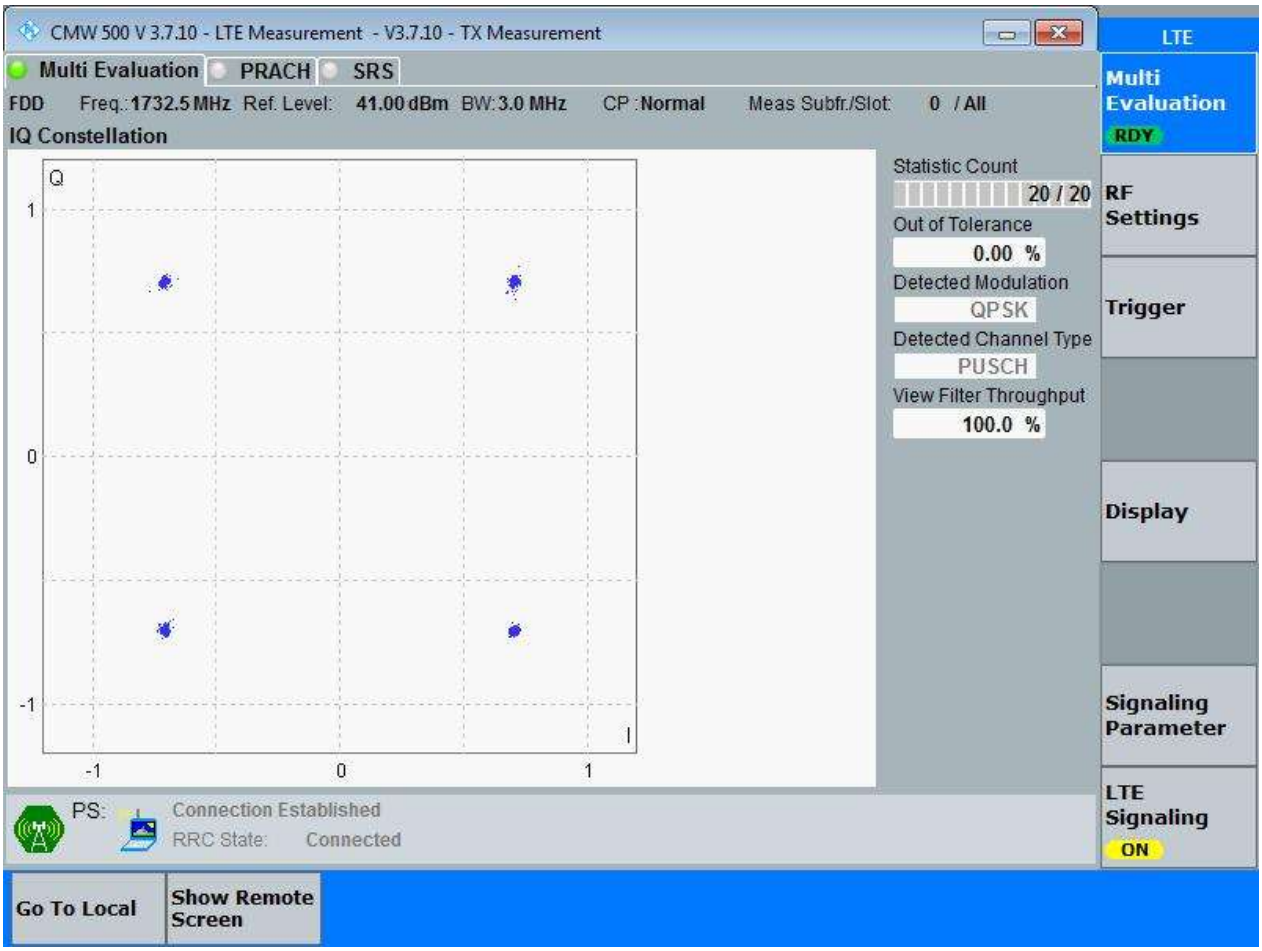
3.1.1.1.1.1.1 Test RB = RB6#0



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



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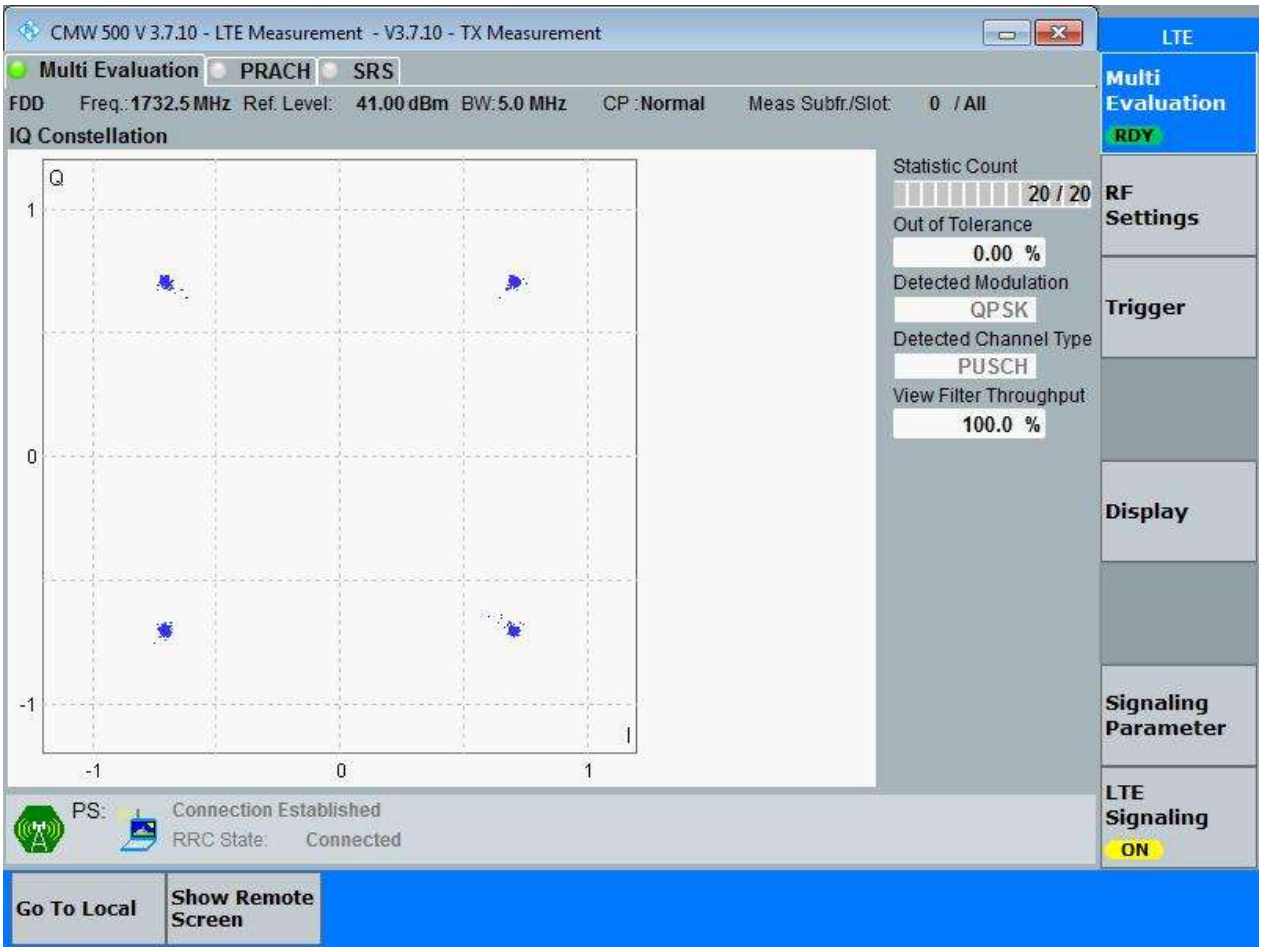
3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

3.1.1.1.3.1.1 Test RB = RB25#0



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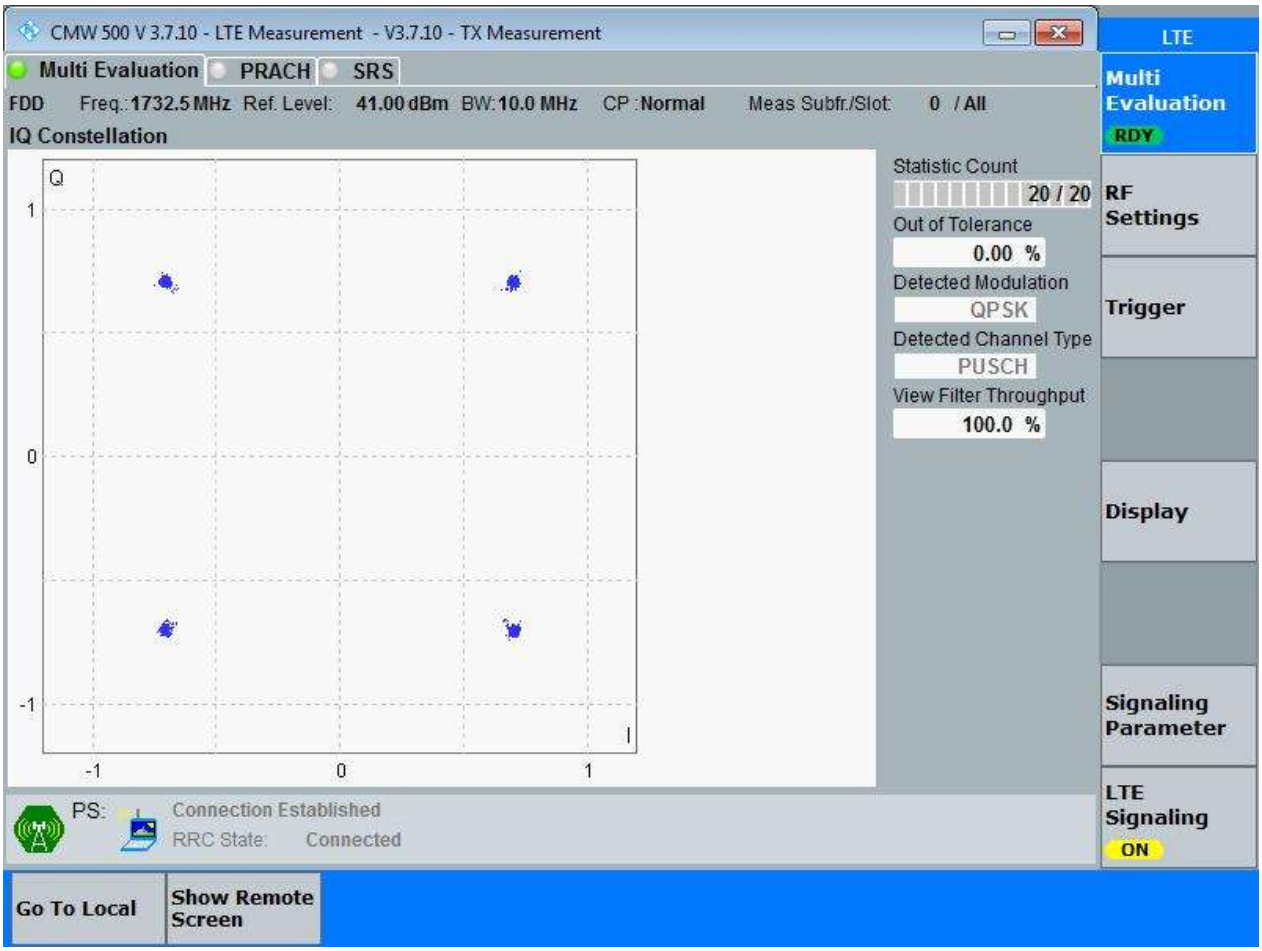
3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

3.1.1.1.4.1.1 Test RB = RB50#0



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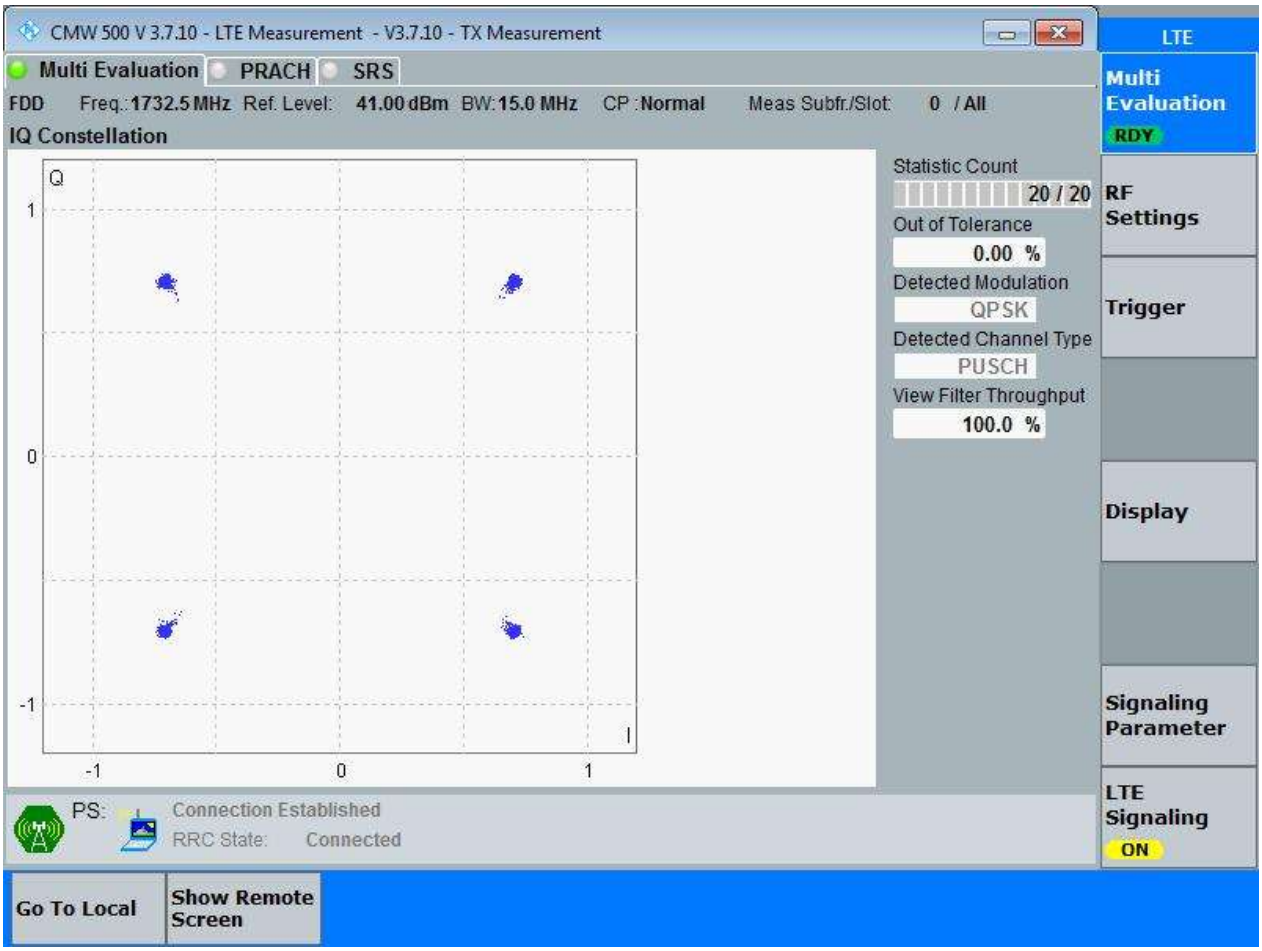
3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

3.1.1.1.5.1.1 Test RB = RB75#0



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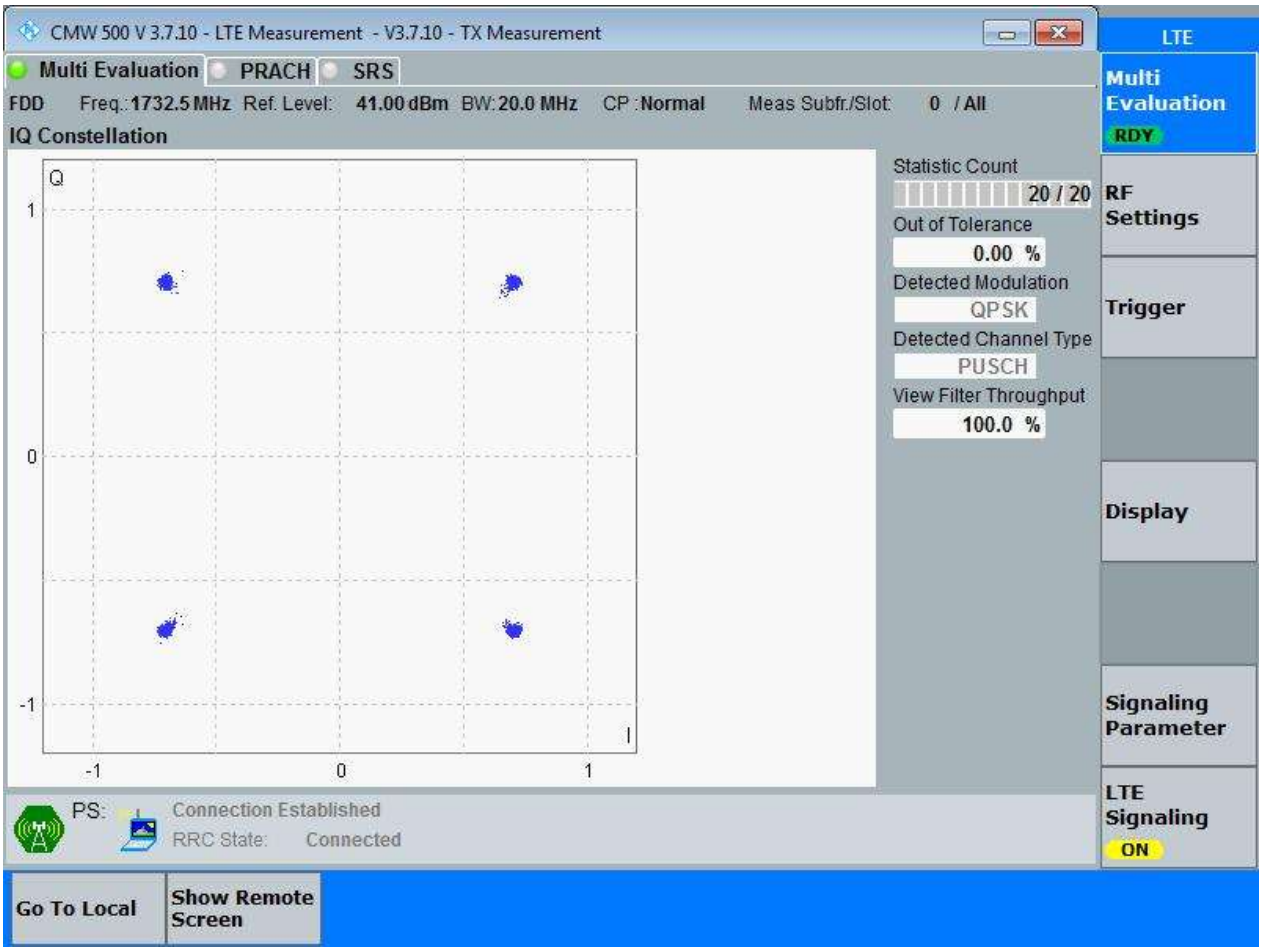
3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0



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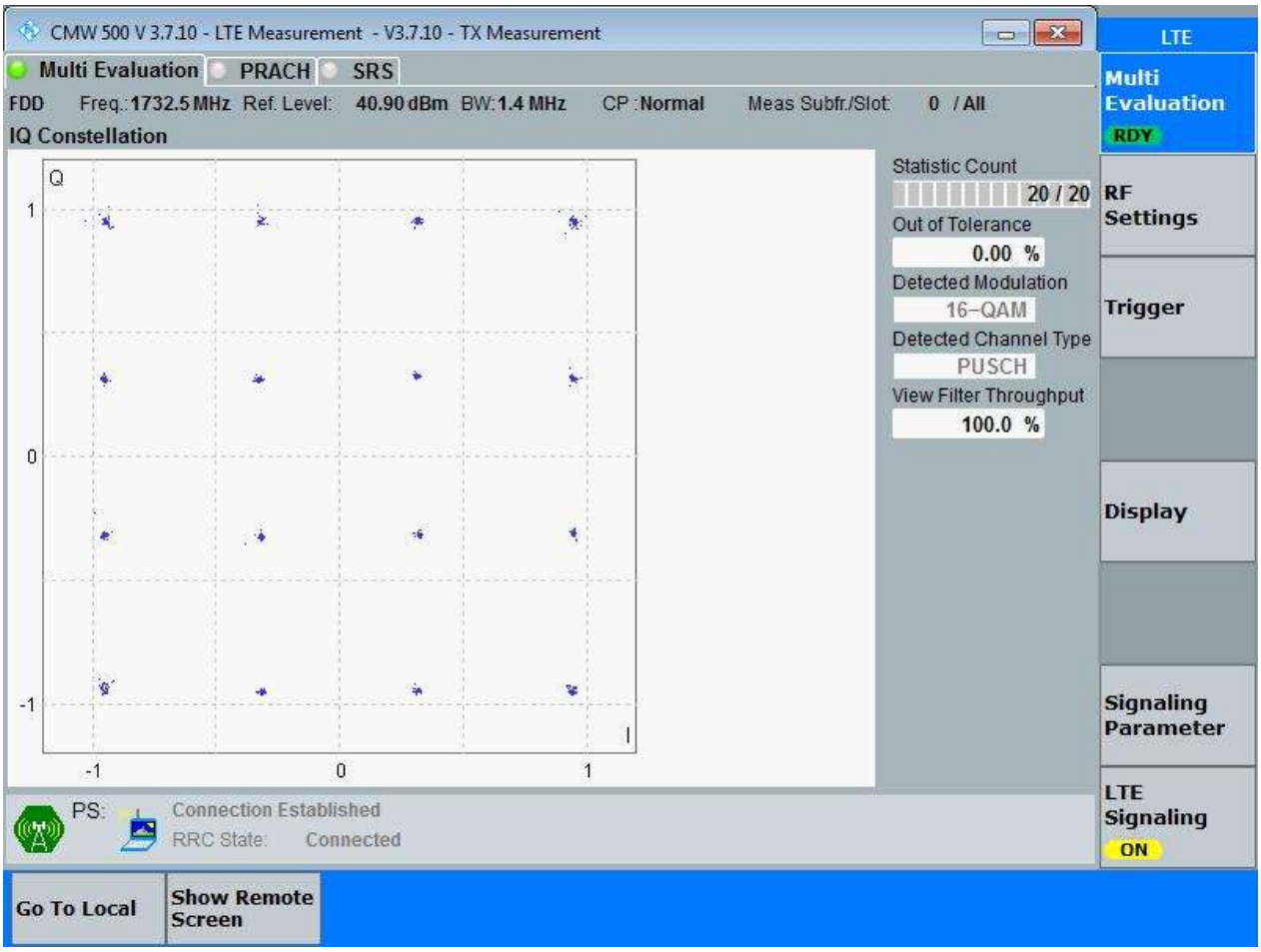
3.1.1.2 Test Mode = LTE/TM2

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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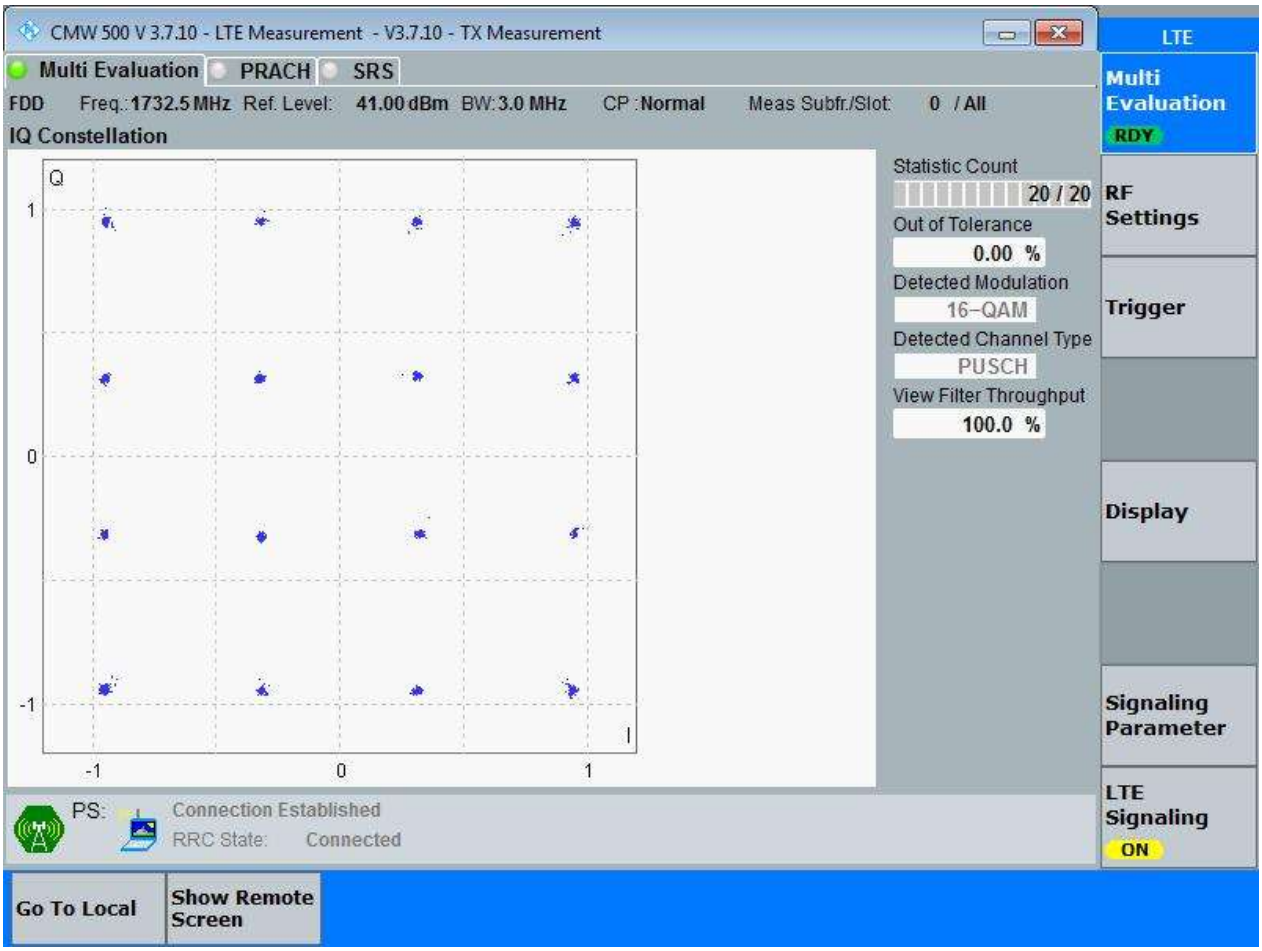
3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

3.1.1.2.2.1.1 Test RB = RB15#0



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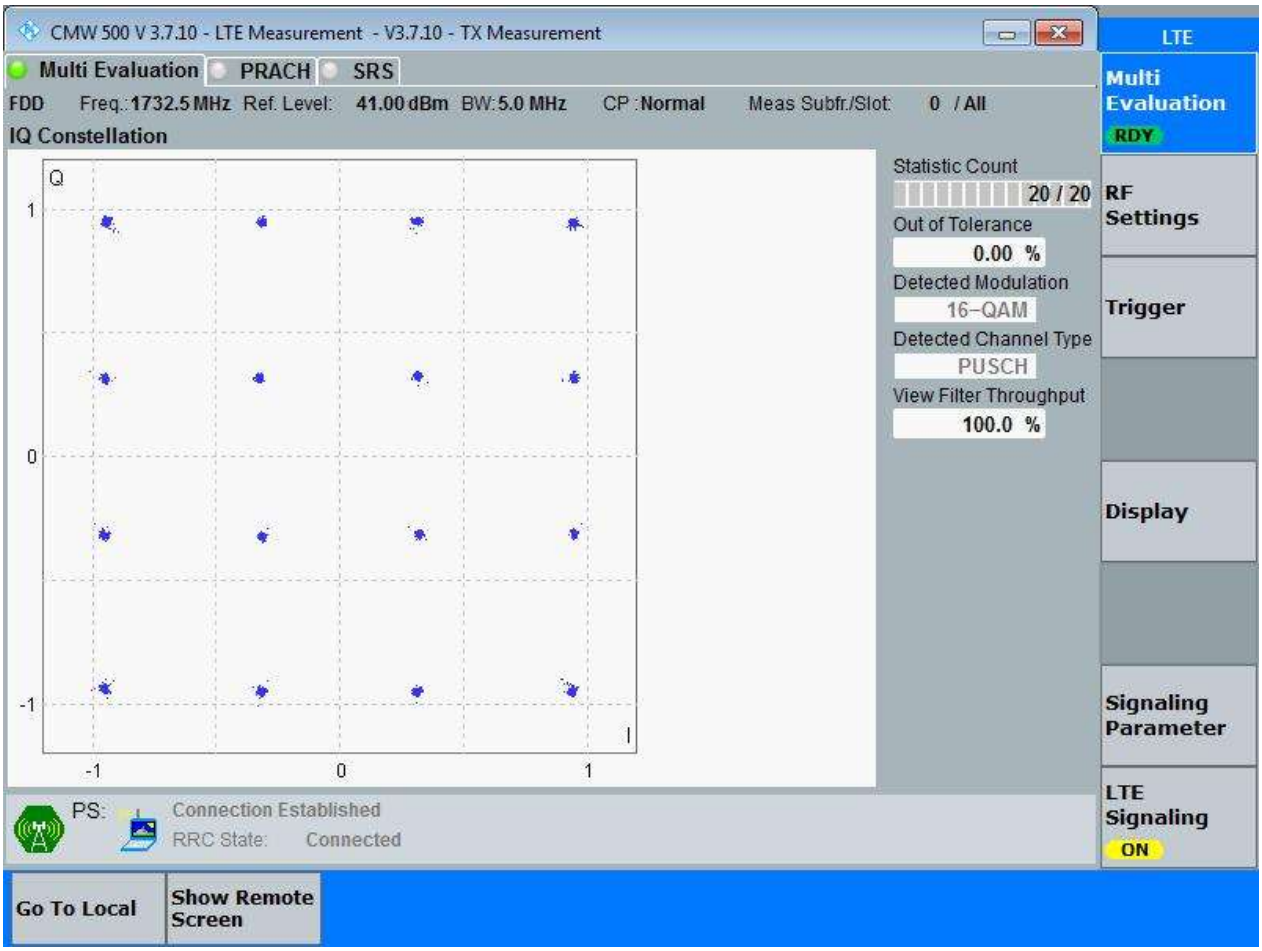
3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

3.1.1.2.3.1.1 Test RB = RB25#0



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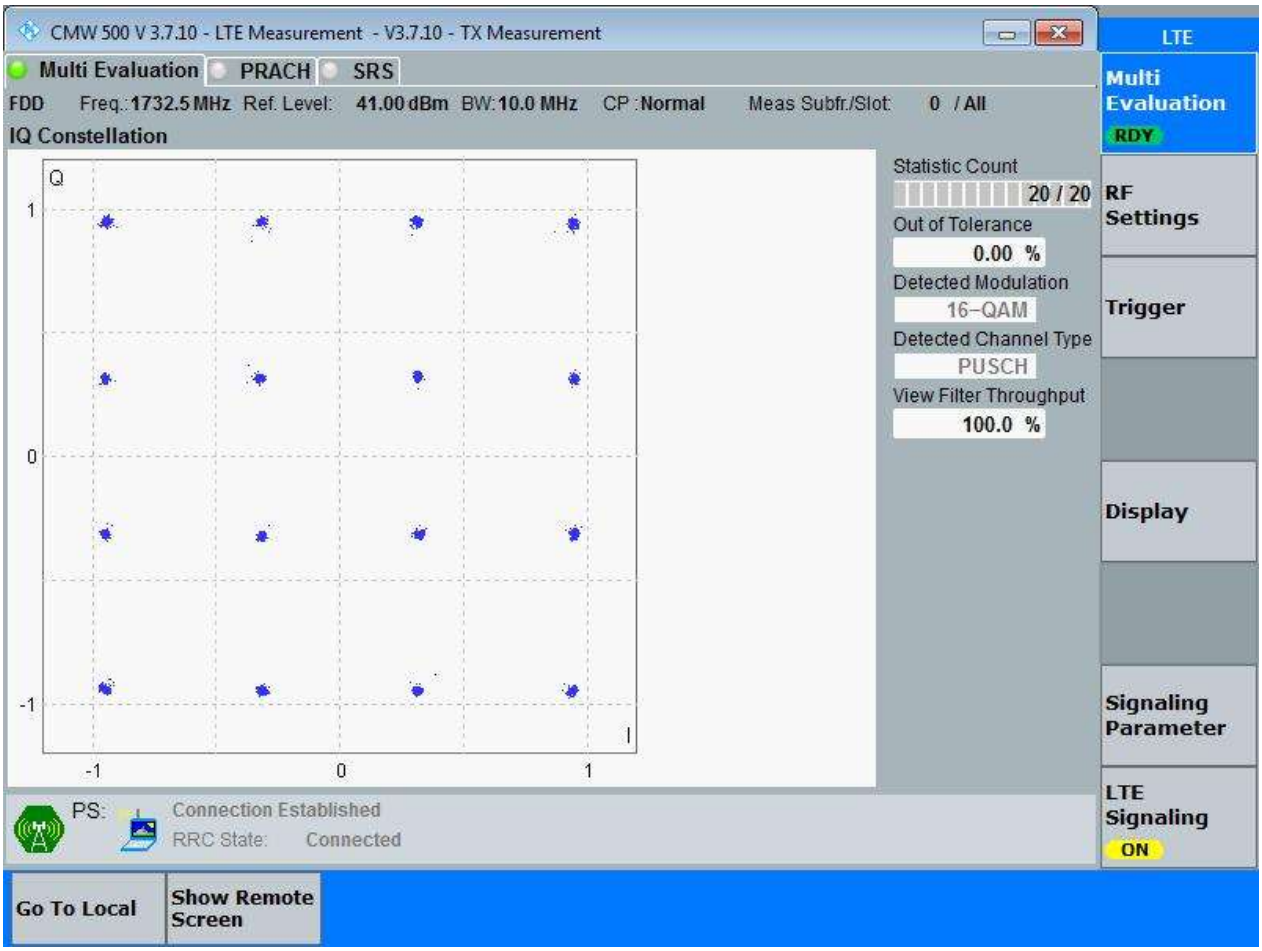
3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

3.1.1.2.4.1.1 Test RB = RB50#0



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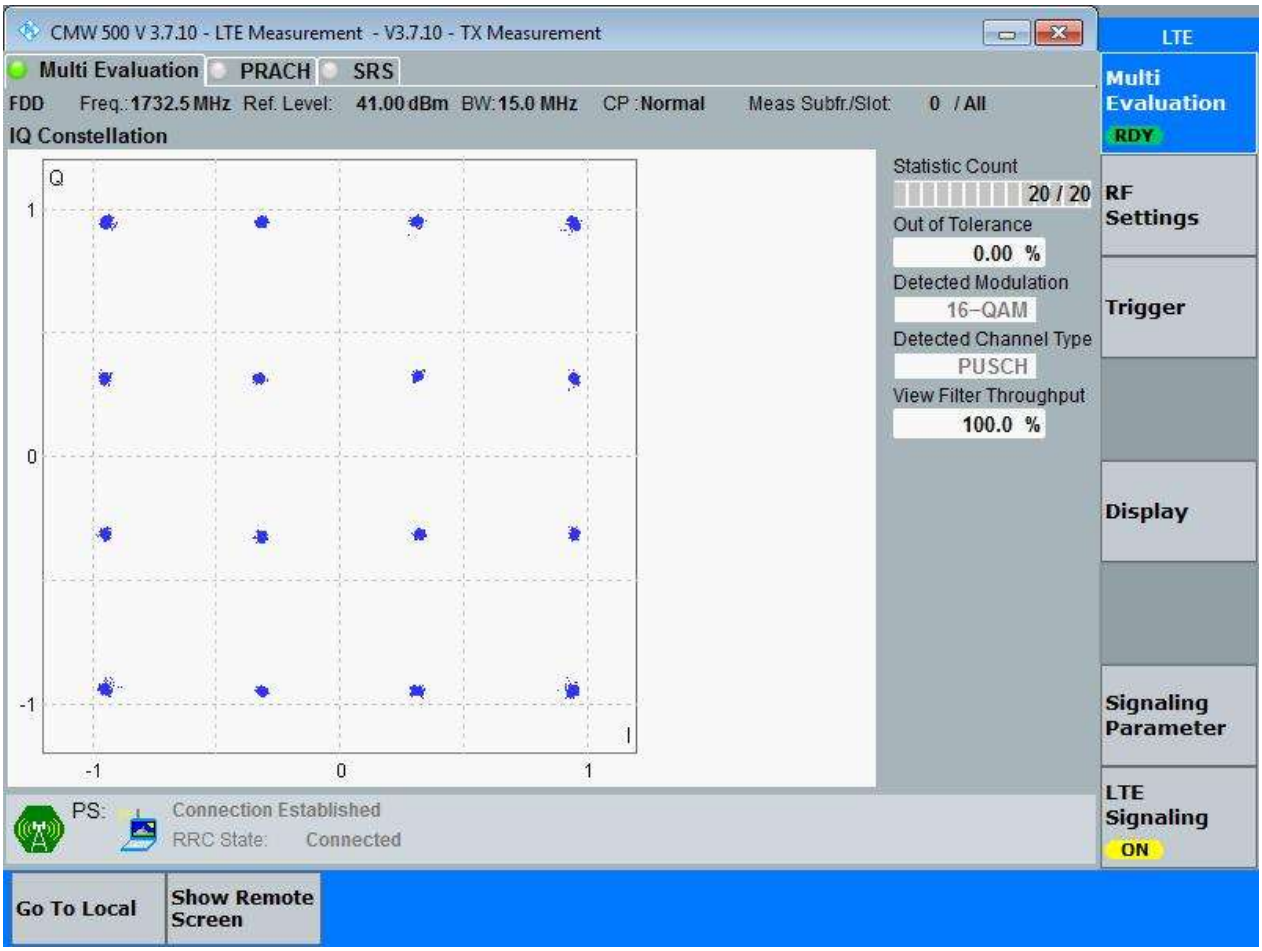
3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

3.1.1.2.5.1.1 Test RB = RB75#0



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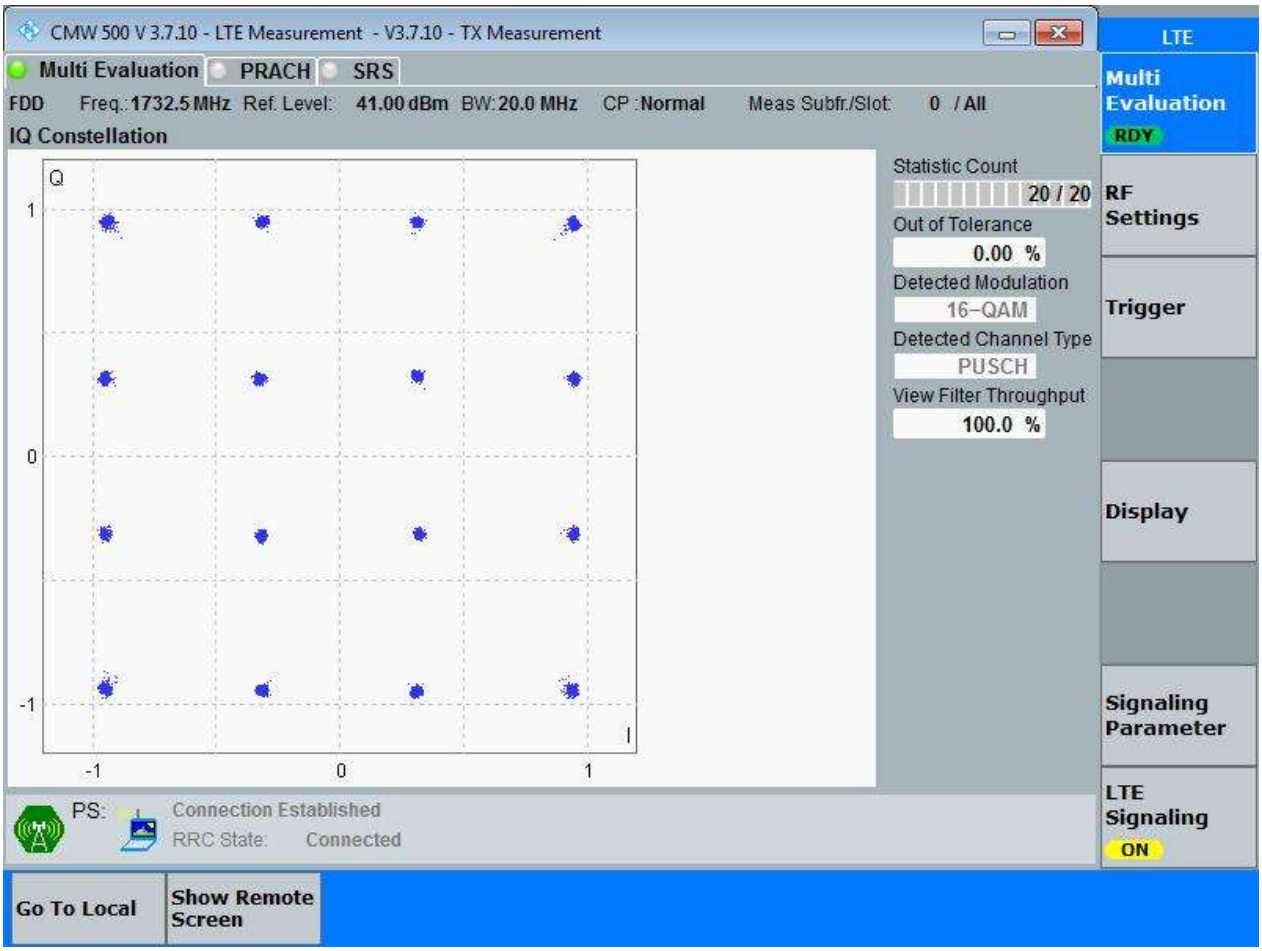
3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0



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4Appendix_D: Bandwidth

Part I - Test Result

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	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.70	2.99	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.53	4.98	Pass
			MCH	RB25#0	4.52	4.95	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	9.01	9.91	Pass
			MCH	RB50#0	9.01	9.92	Pass
			HCH	RB50#0	9.01	9.94	Pass
		15	LCH	RB75#0	13.52	15.04	Pass
			MCH	RB75#0	13.49	14.92	Pass
			HCH	RB75#0	13.51	15.06	Pass
		20	LCH	RB100#0	17.94	18.91	Pass
			MCH	RB100#0	17.97	19.95	Pass
			HCH	RB100#0	18.00	19.93	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.72	3.00	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.72	2.98	Pass
		5	LCH	RB25#0	4.51	4.95	Pass
			MCH	RB25#0	4.51	4.98	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	9.01	9.92	Pass

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Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB50#0	9.02	9.93	Pass
			HCH	RB50#0	9.00	9.94	Pass
		15	LCH	RB75#0	13.53	15.08	Pass
			MCH	RB75#0	13.51	14.96	Pass
			HCH	RB75#0	13.49	15.05	Pass
		20	LCH	RB100#0	18.04	19.86	Pass
			MCH	RB100#0	18.03	19.85	Pass
			HCH	RB100#0	18.00	19.81	Pass

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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

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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

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

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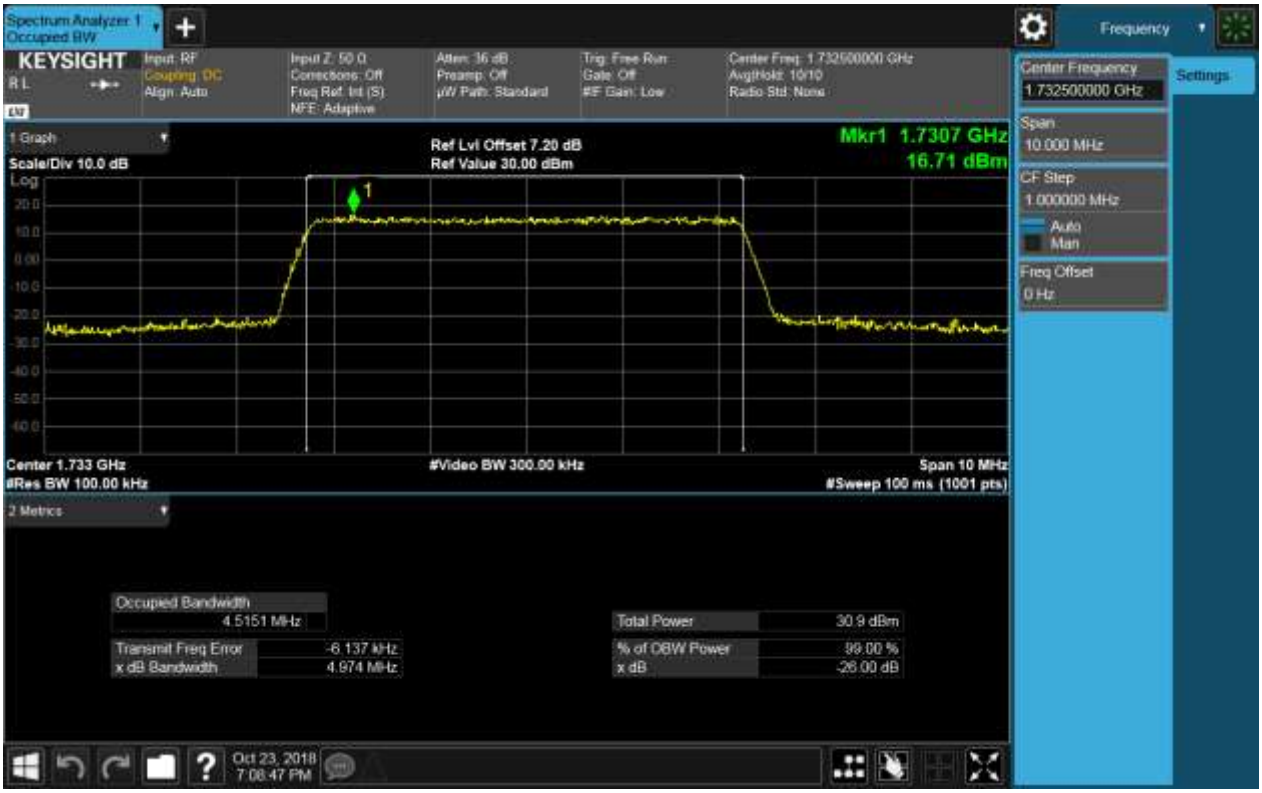
4.1.1.1.3.2 Test Channel = MCH

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

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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

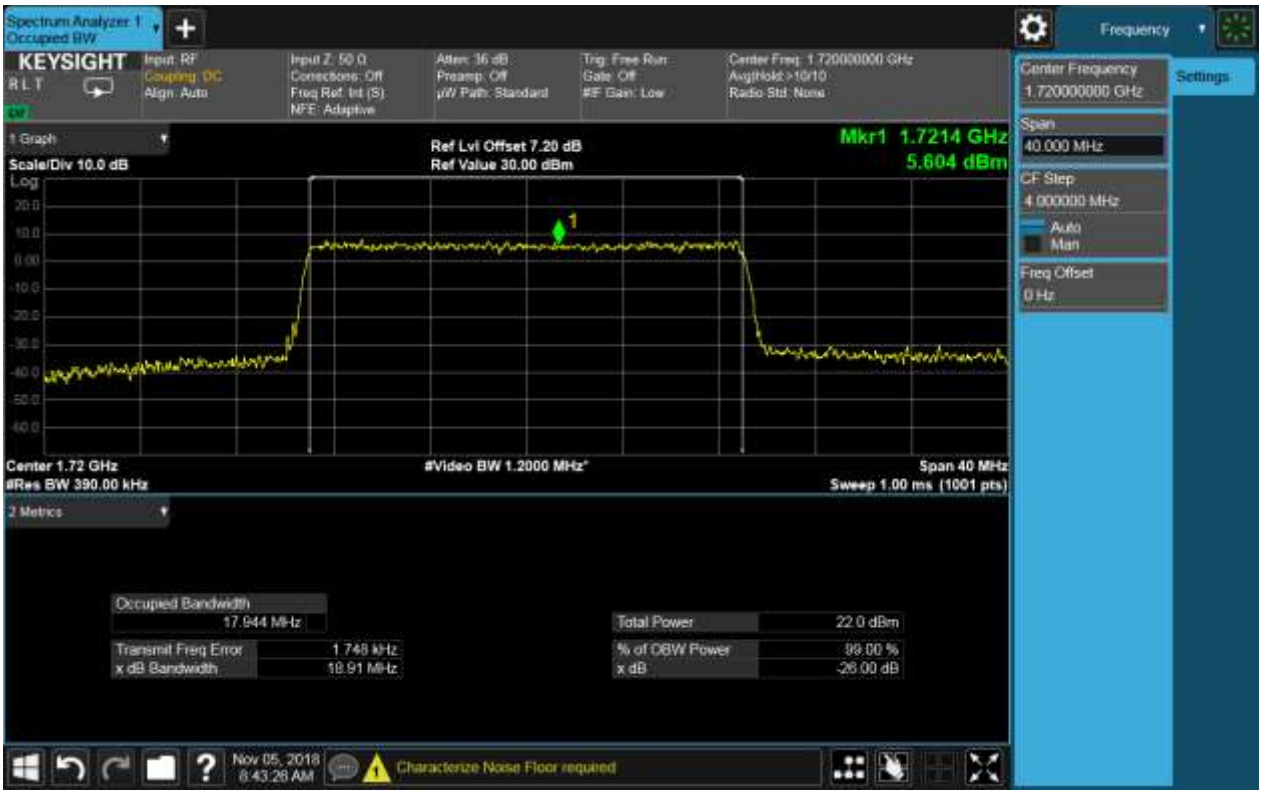
4.1.1.1.5.3 Test Channel = HCH

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

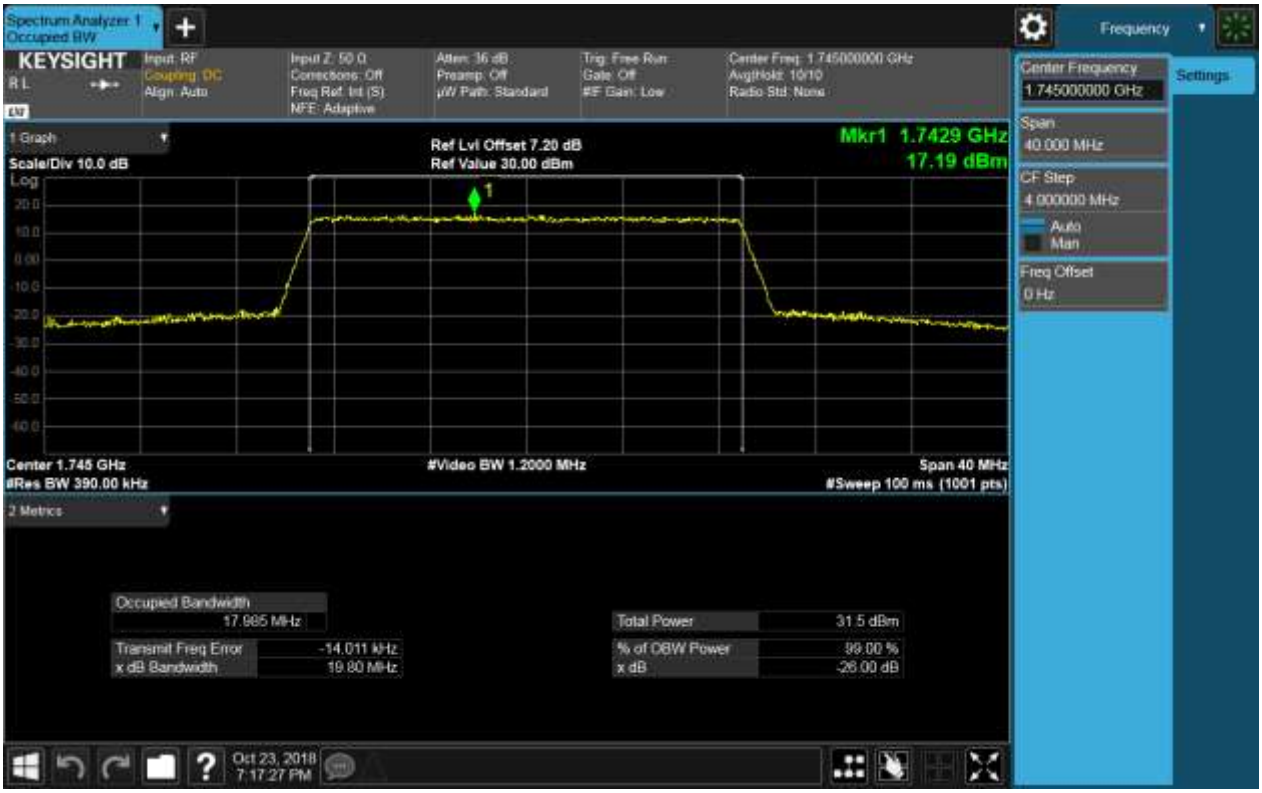


4.1.1.1.6.2 Test Channel = MCH

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

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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

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

4.1.1.2.2.2.1 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

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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

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

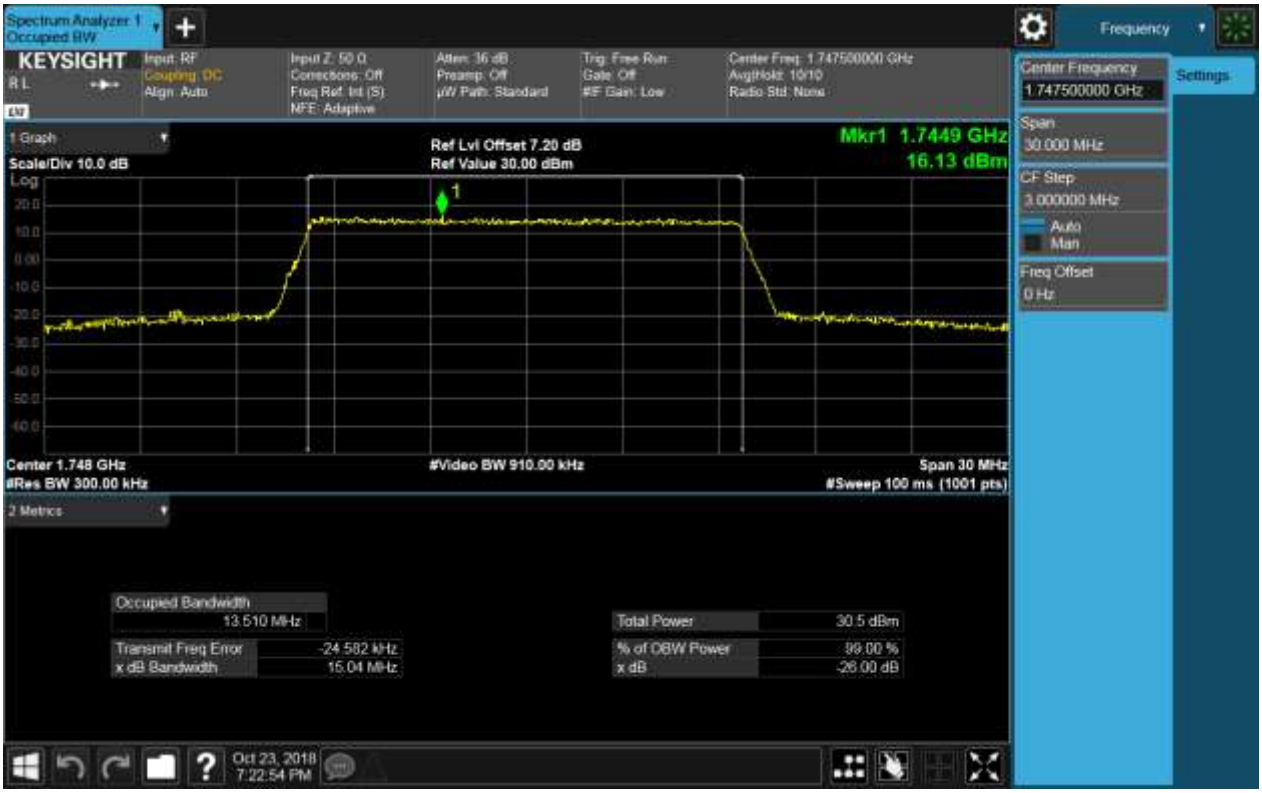
4.1.1.2.5.1.1 Test RB = RB75#0

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

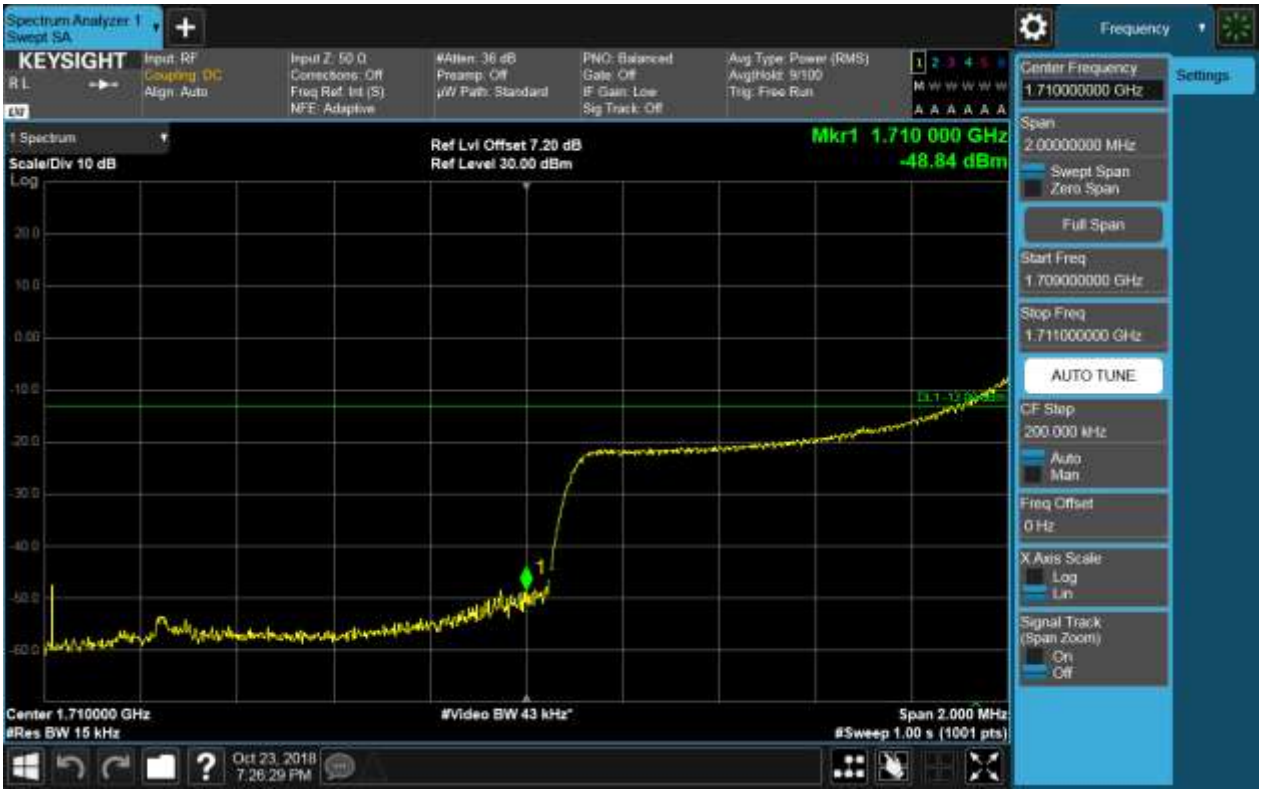
5.1.1.1 Test Mode = LTE/TM1

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

5.1.1.1.1.1.2 Test RB = RB1#5



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5.1.1.1.1.1.3 Test RB = RB3#2

5.1.1.1.1.1.4 Test RB = RB6#0

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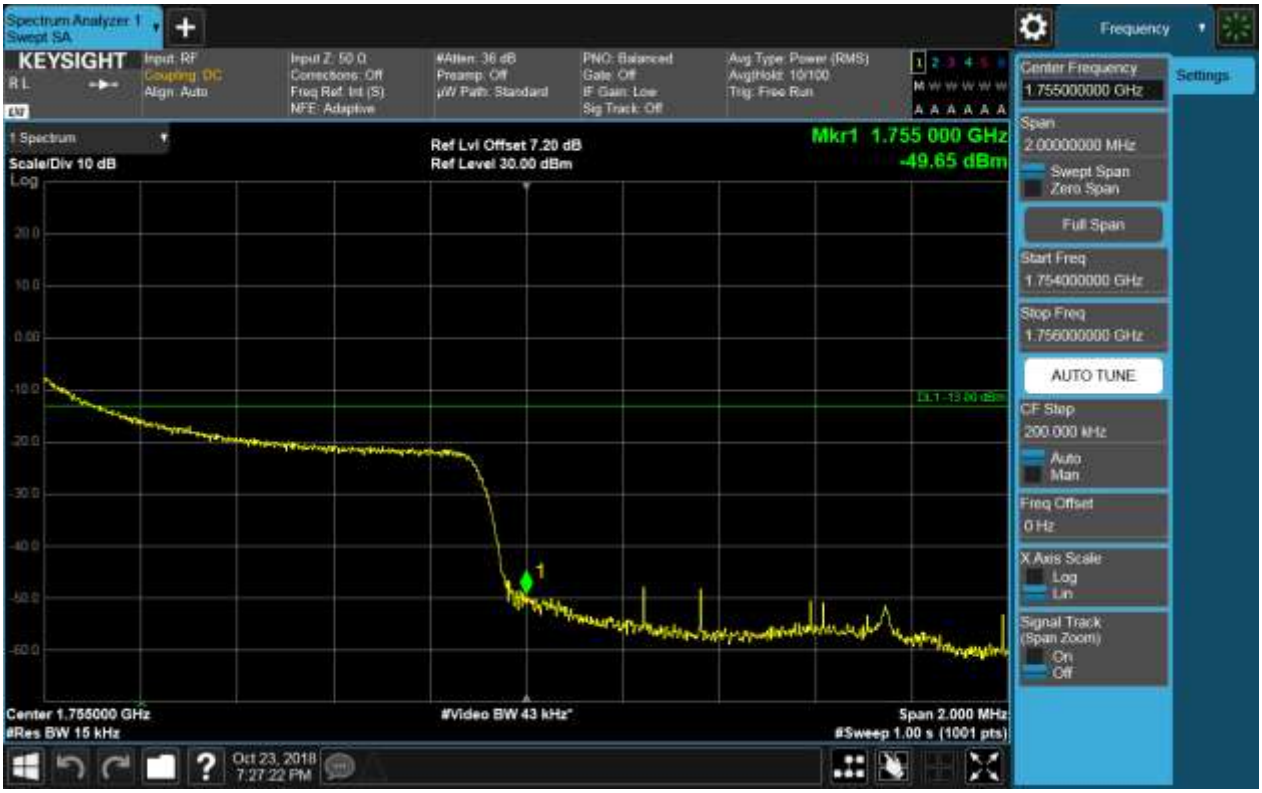
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



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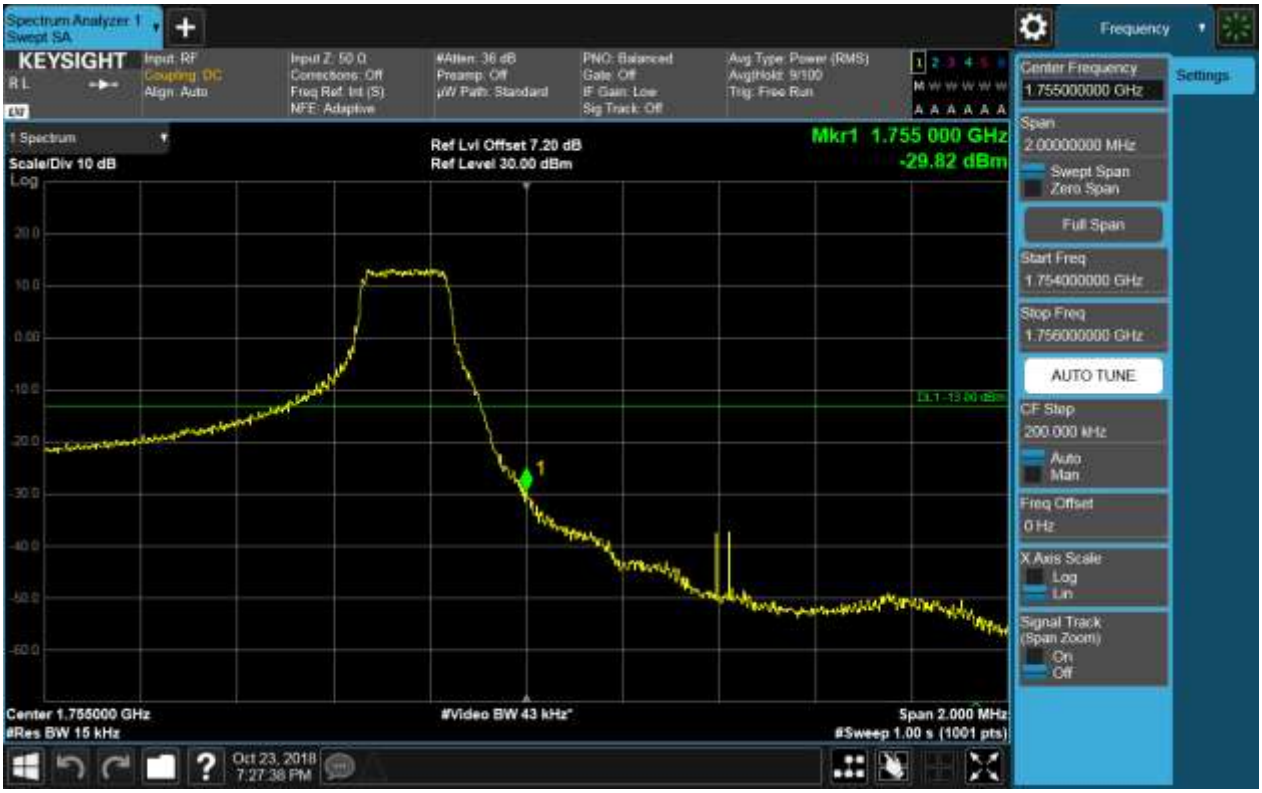
5.1.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.1.2.3 Test RB = RB3#2

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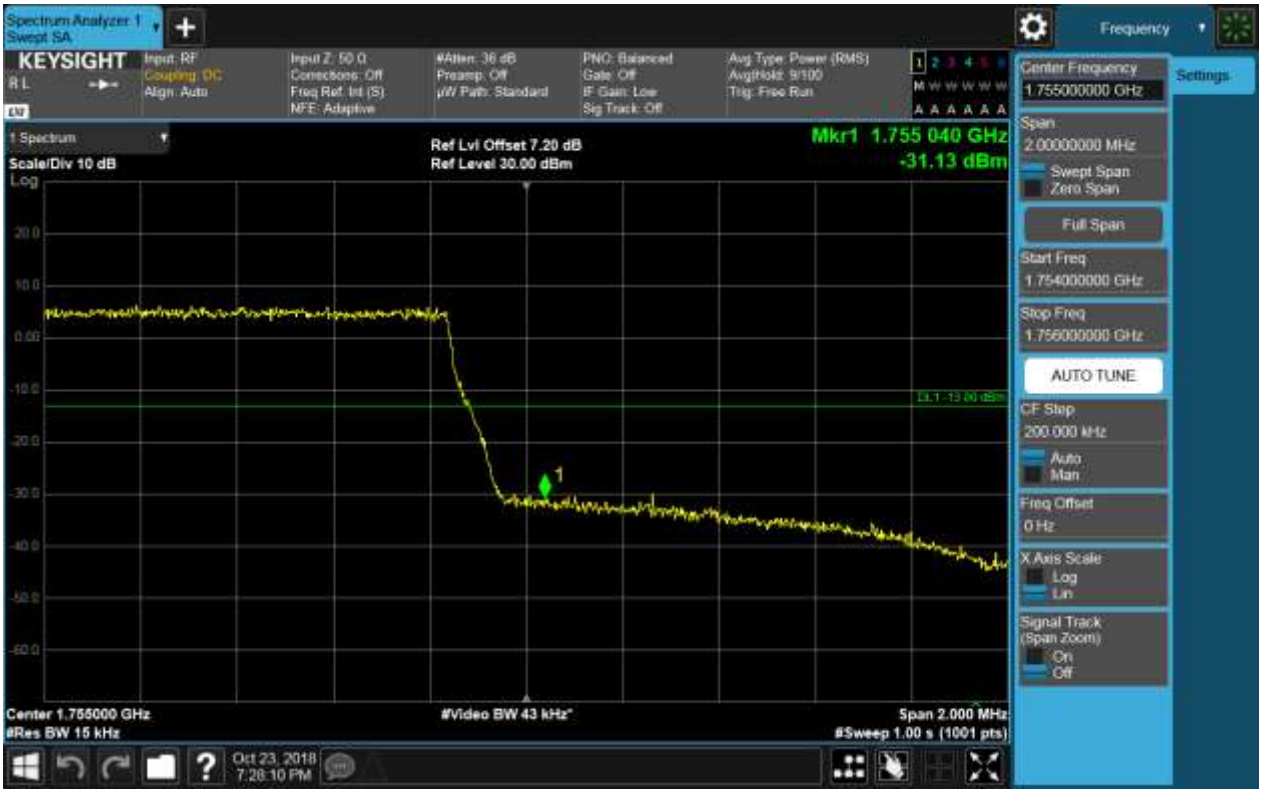
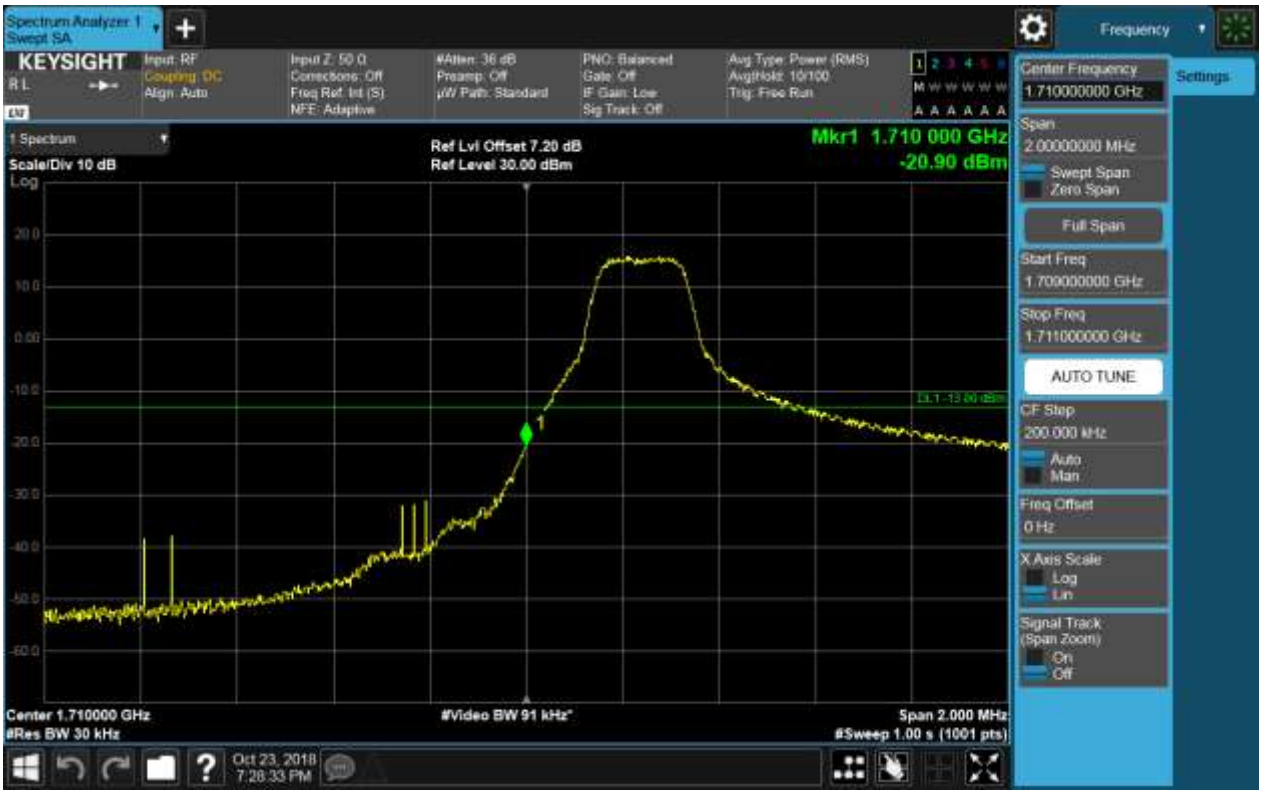
5.1.1.1.1.2.4 Test RB = RB6#0



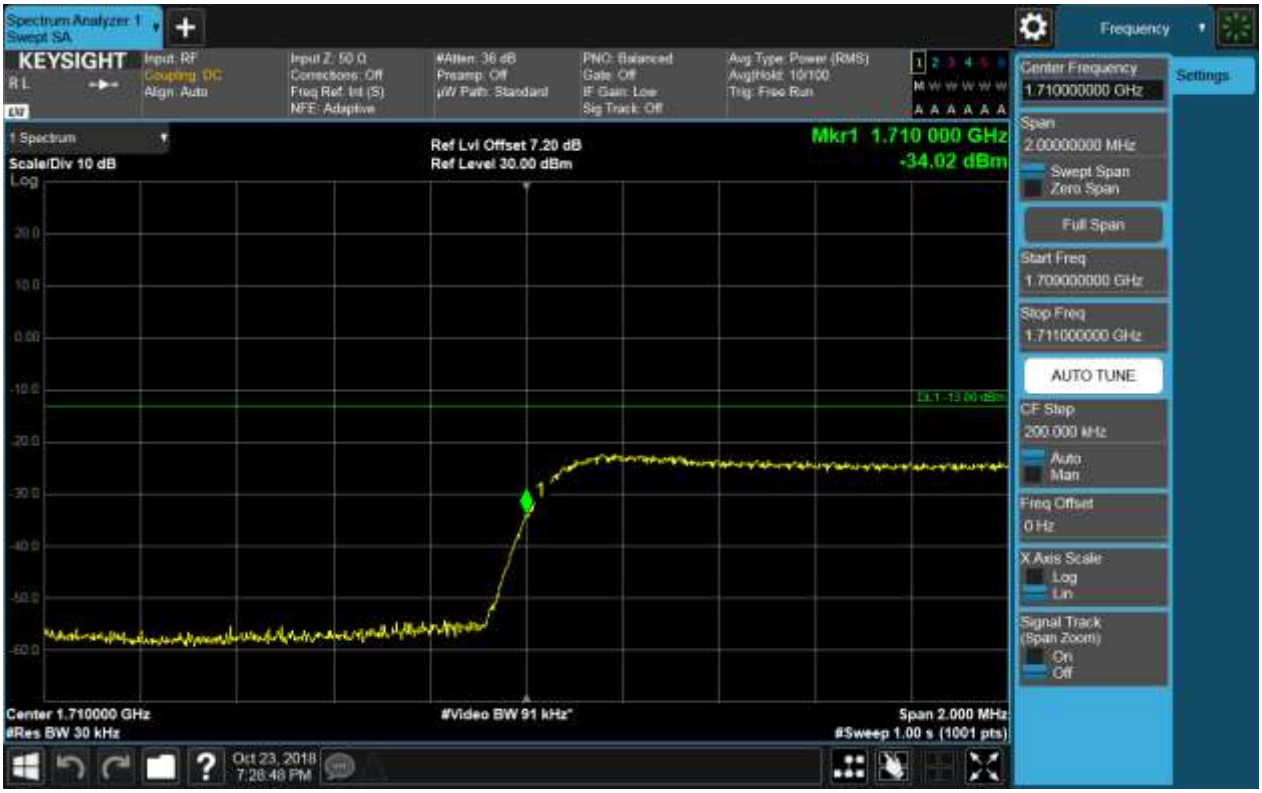
5.1.1.1.2 Test Bandwidth = 3

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



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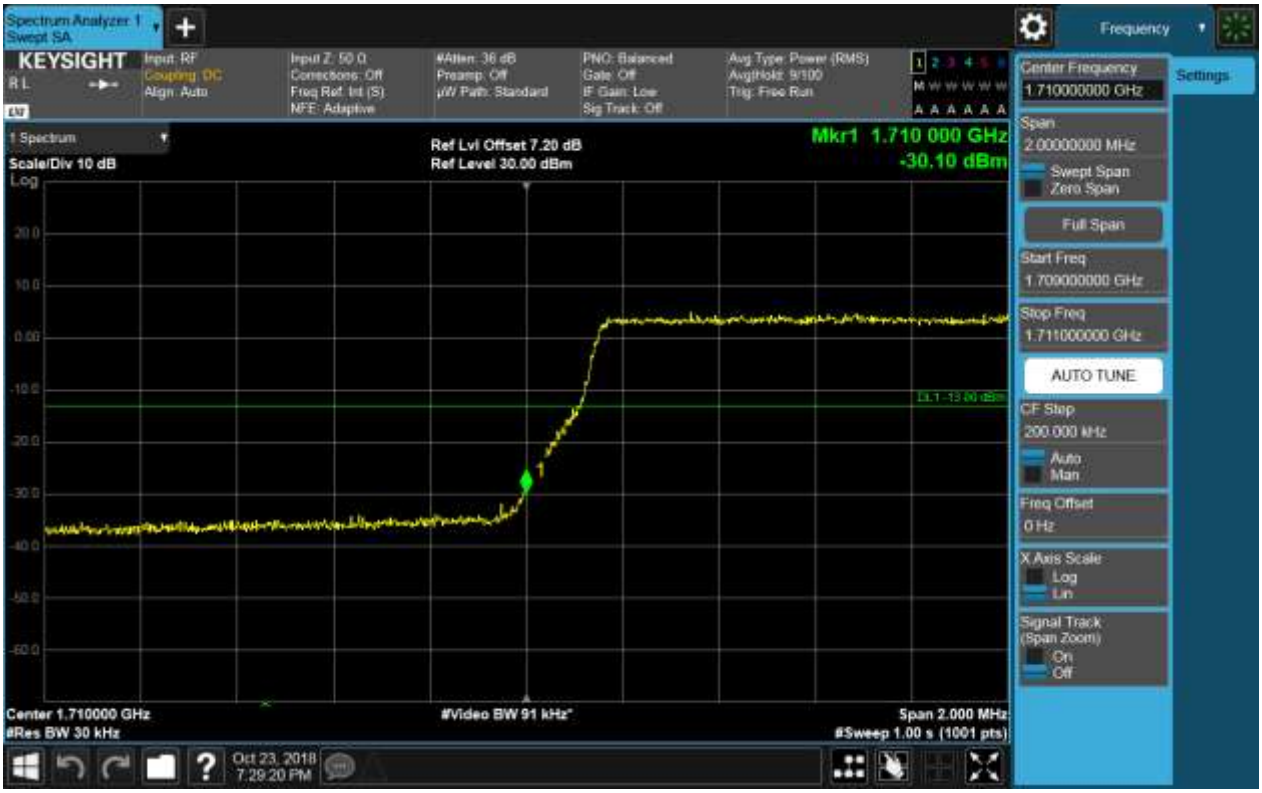
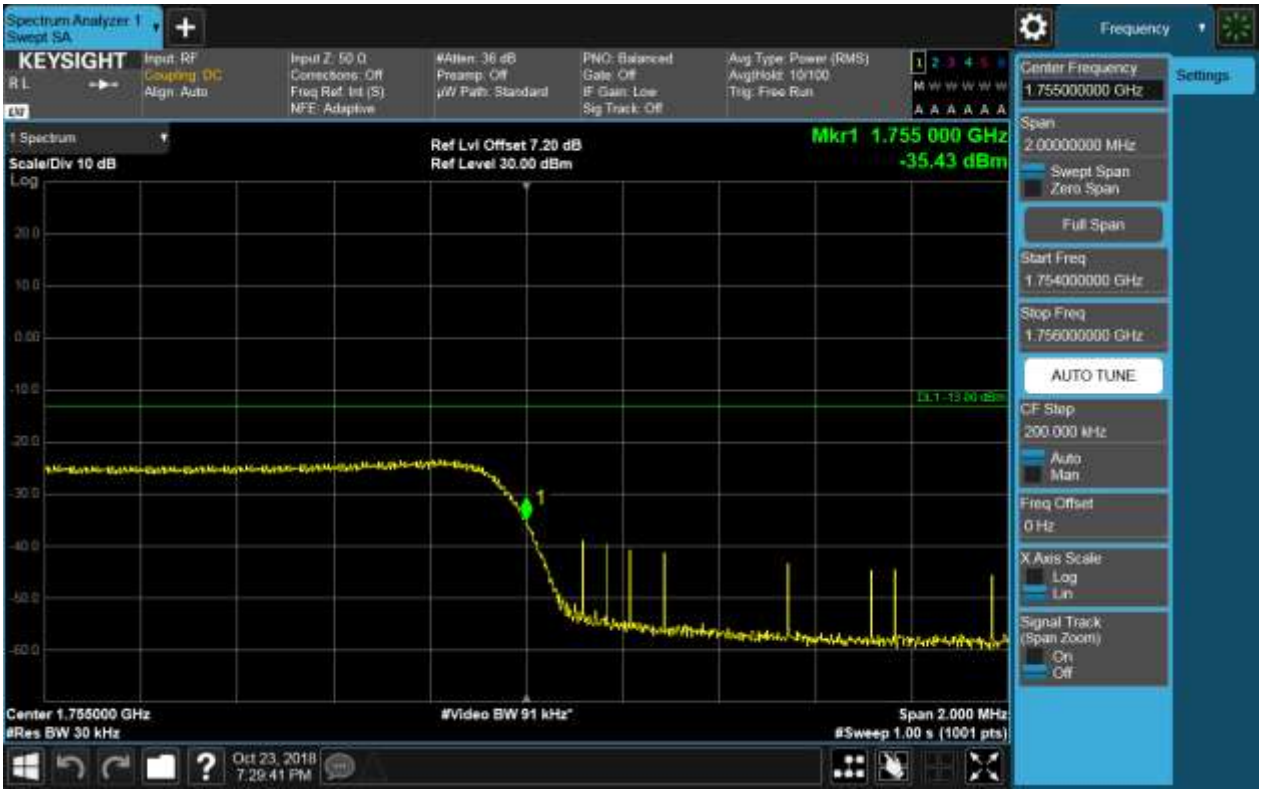
5.1.1.1.2.1.3 Test RB = RB8#4

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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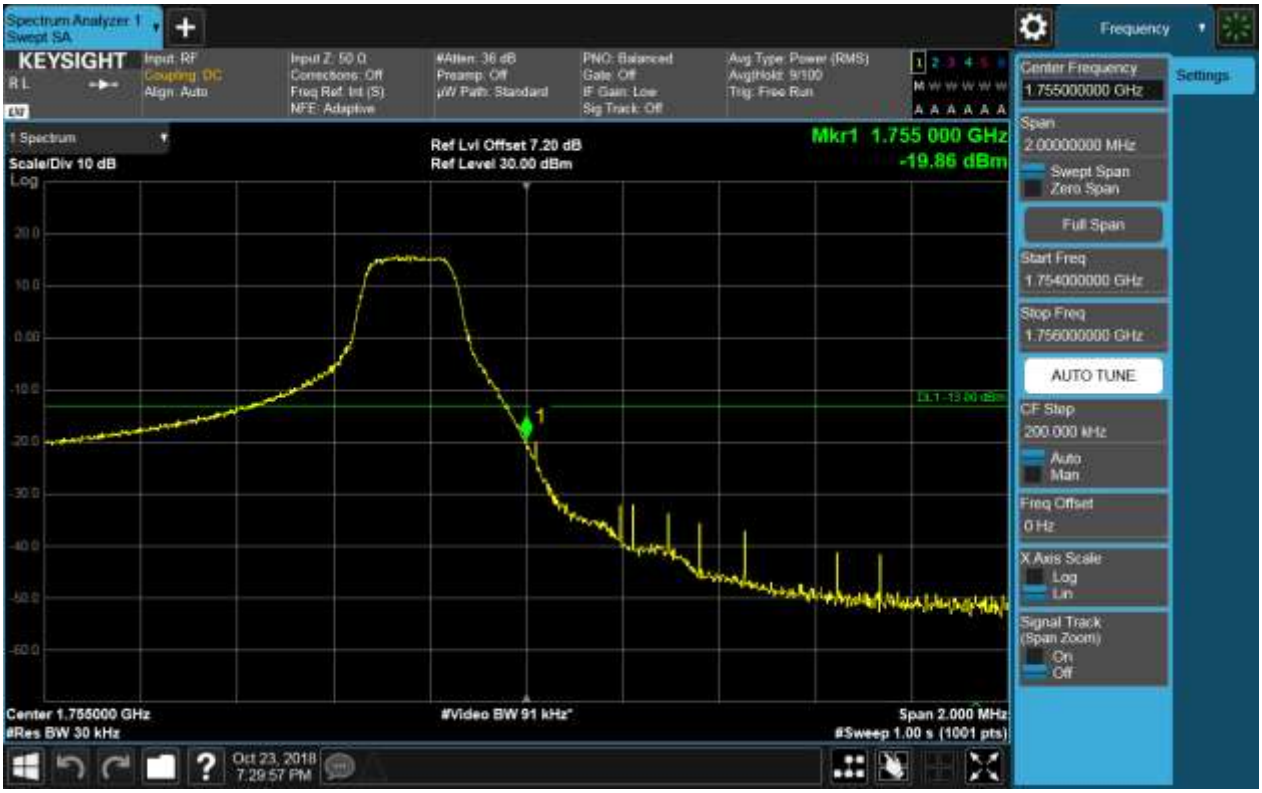
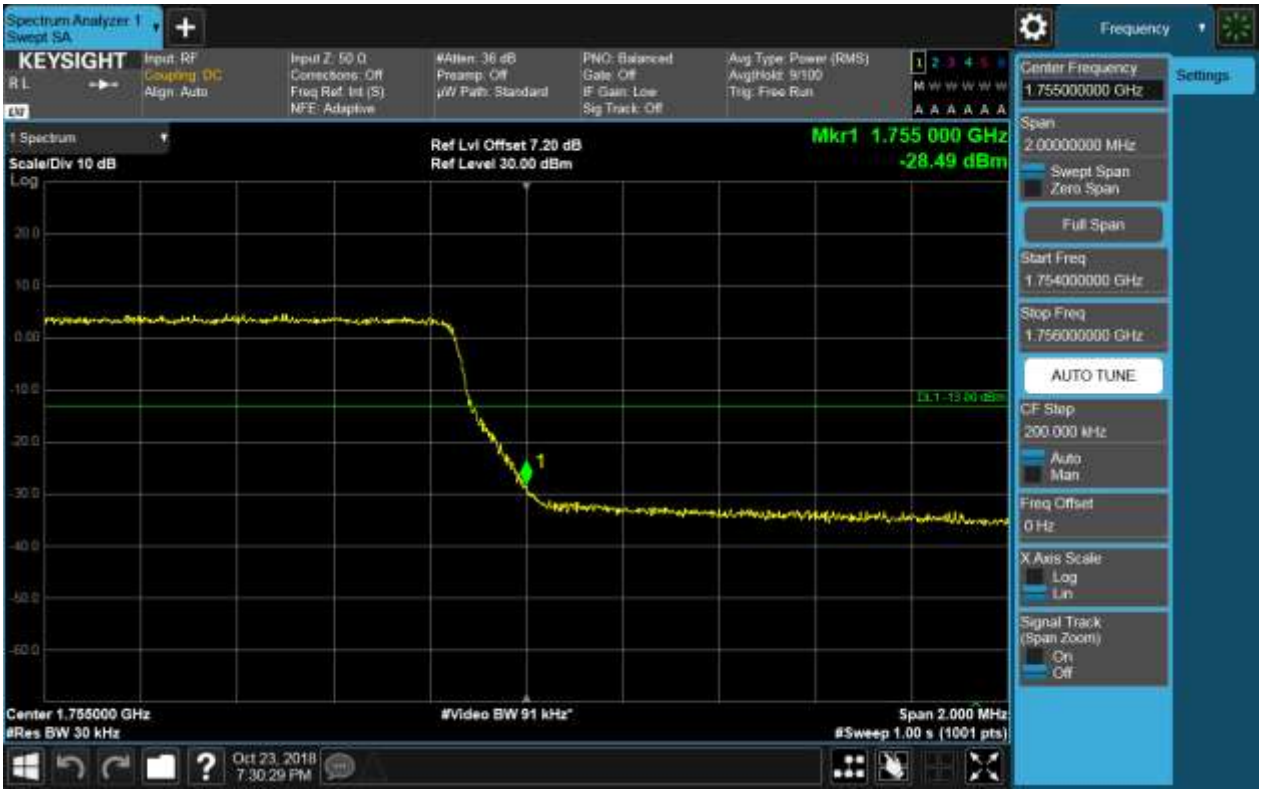
5.1.1.1.2.2.2 Test RB = RB1#14



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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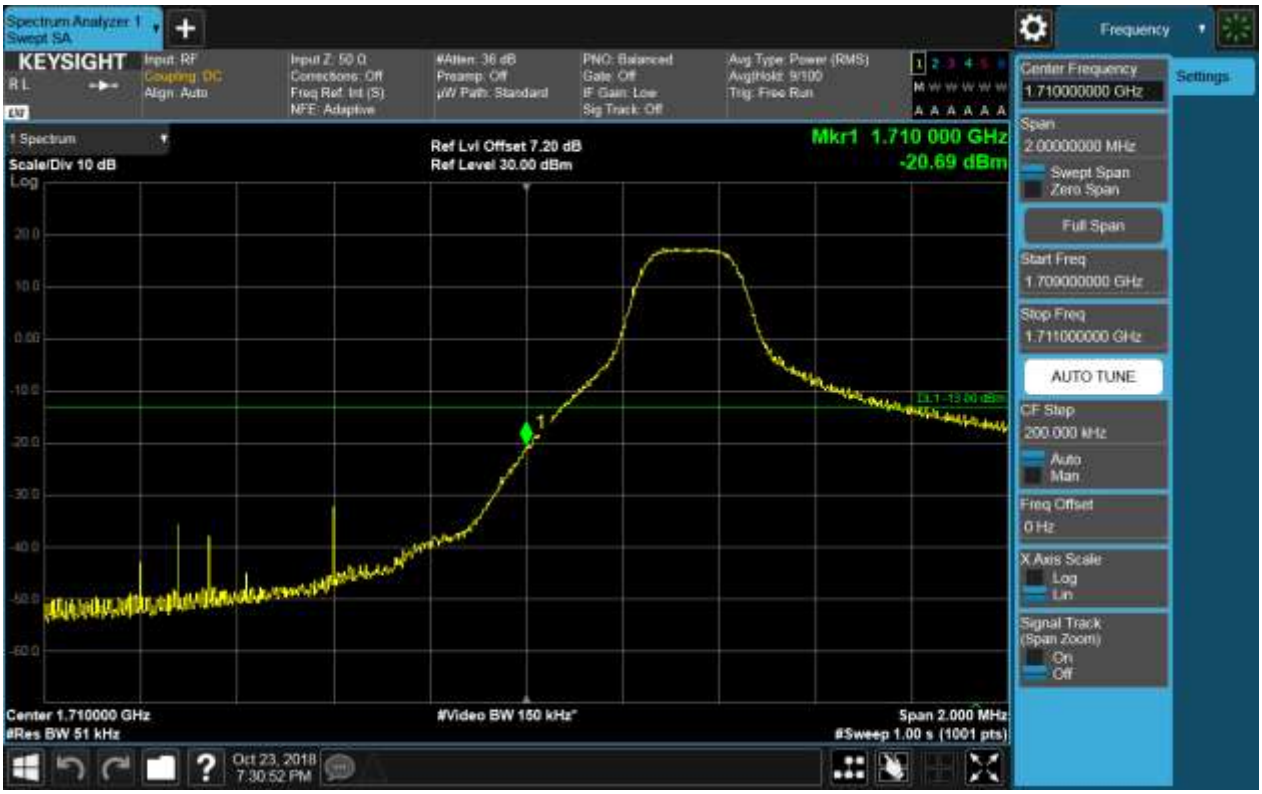
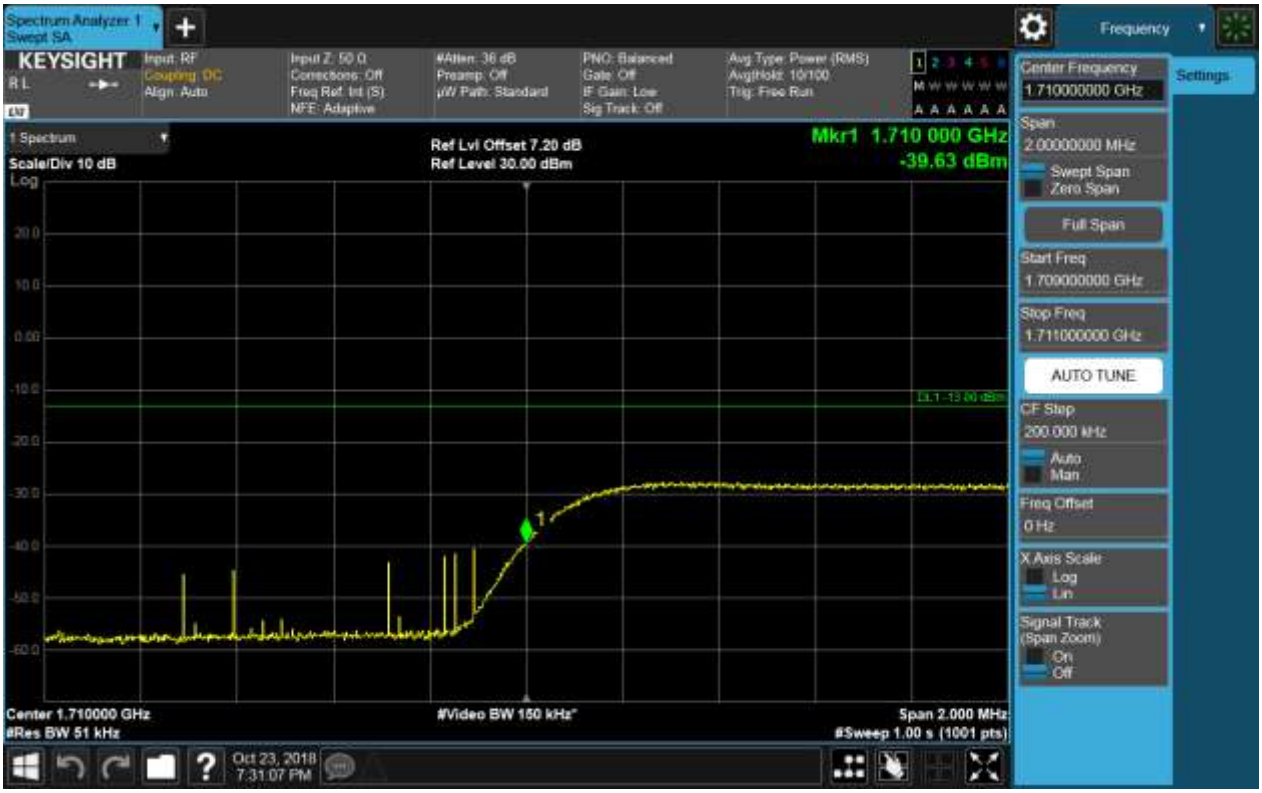
5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0

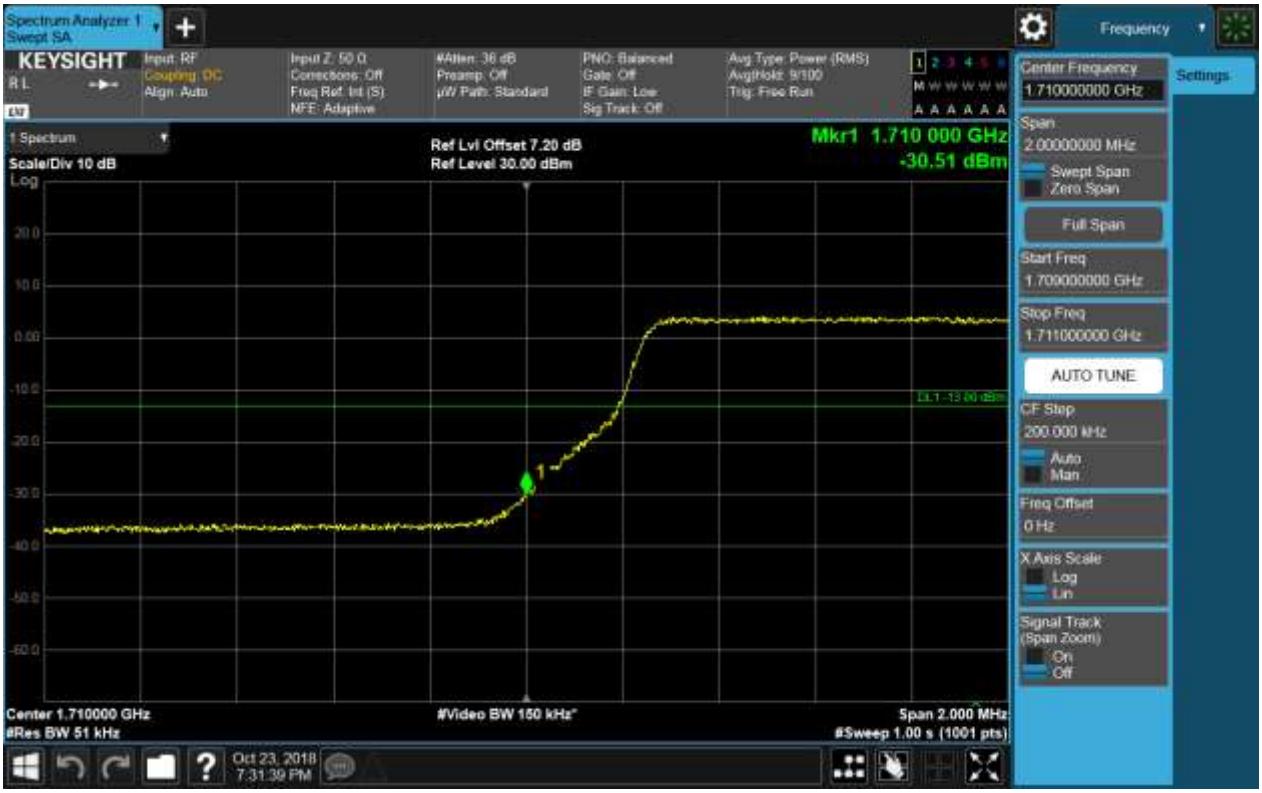


5.1.1.1.3.1.2 Test RB = RB1#24



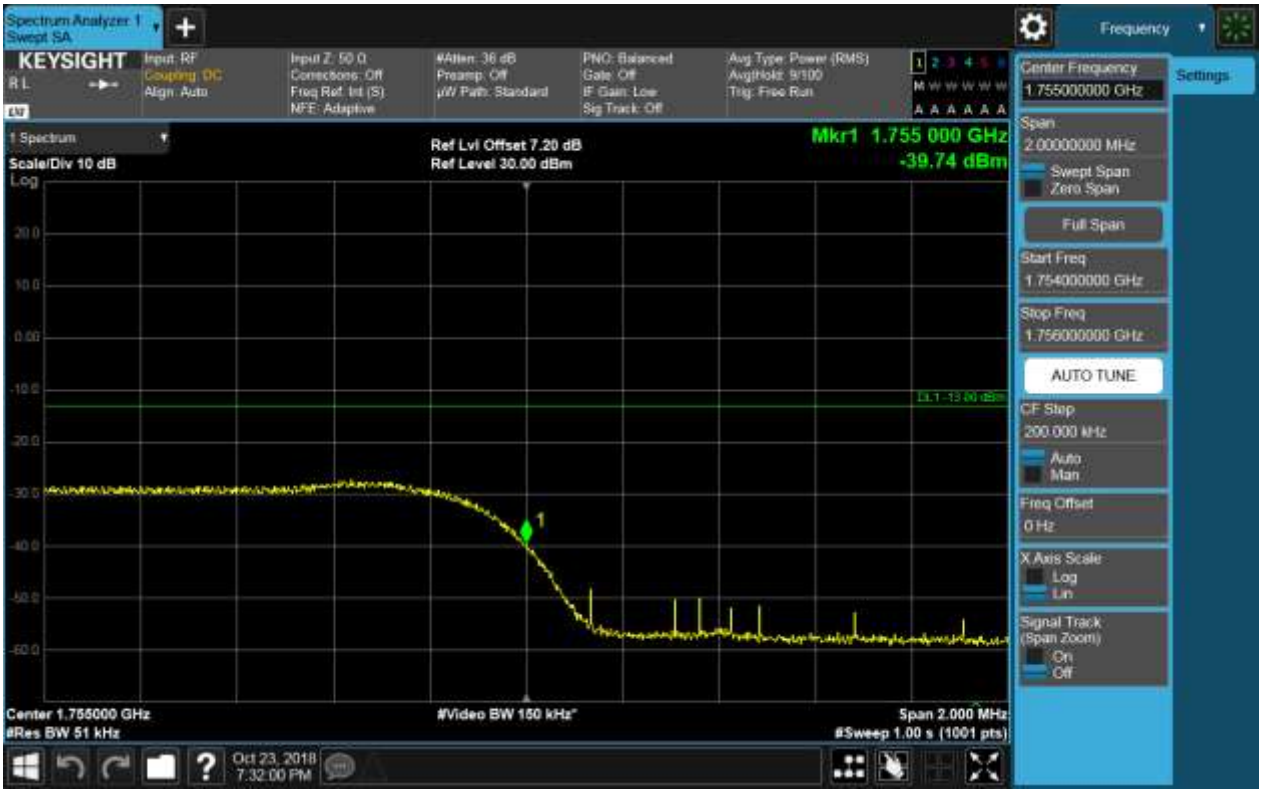
5.1.1.1.3.1.3 Test RB = RB12#6

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



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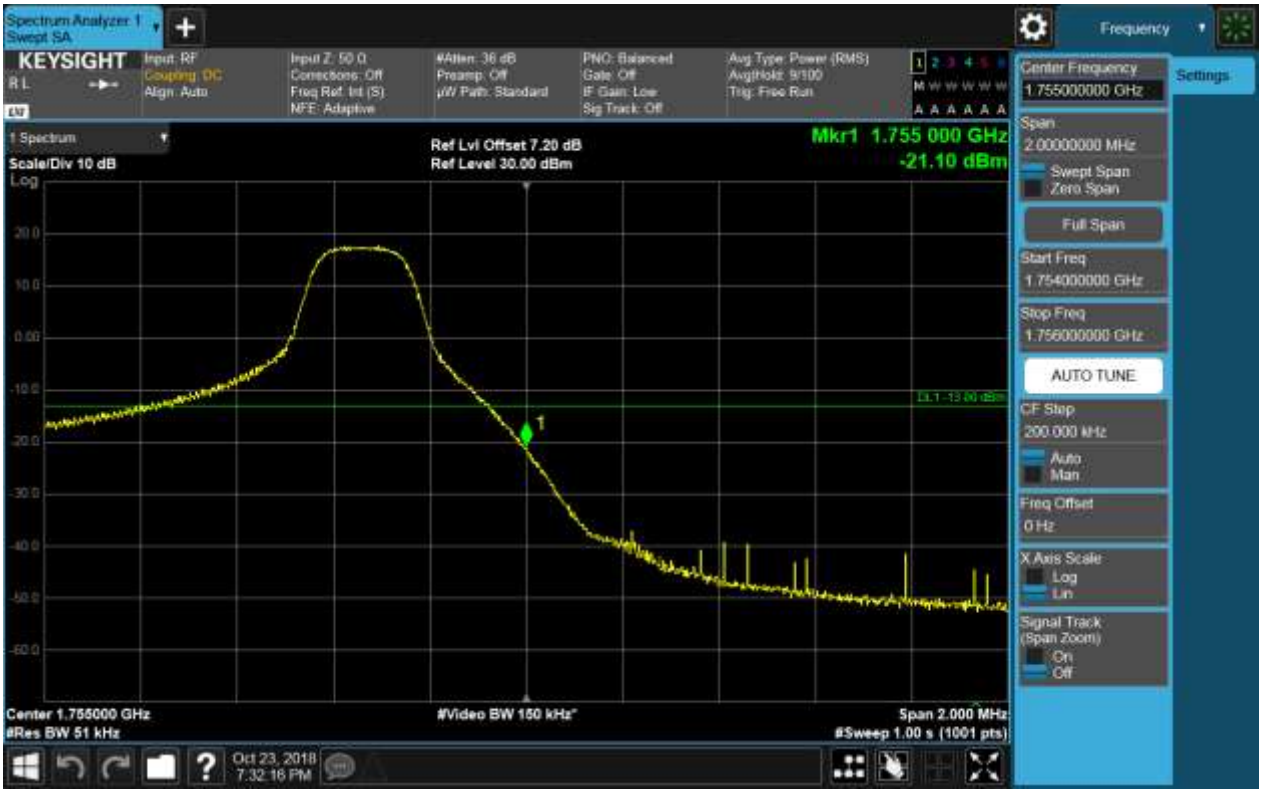
5.1.1.1.3.2.2 Test RB = RB1#24



5.1.1.1.3.2.3 Test RB = RB12#6

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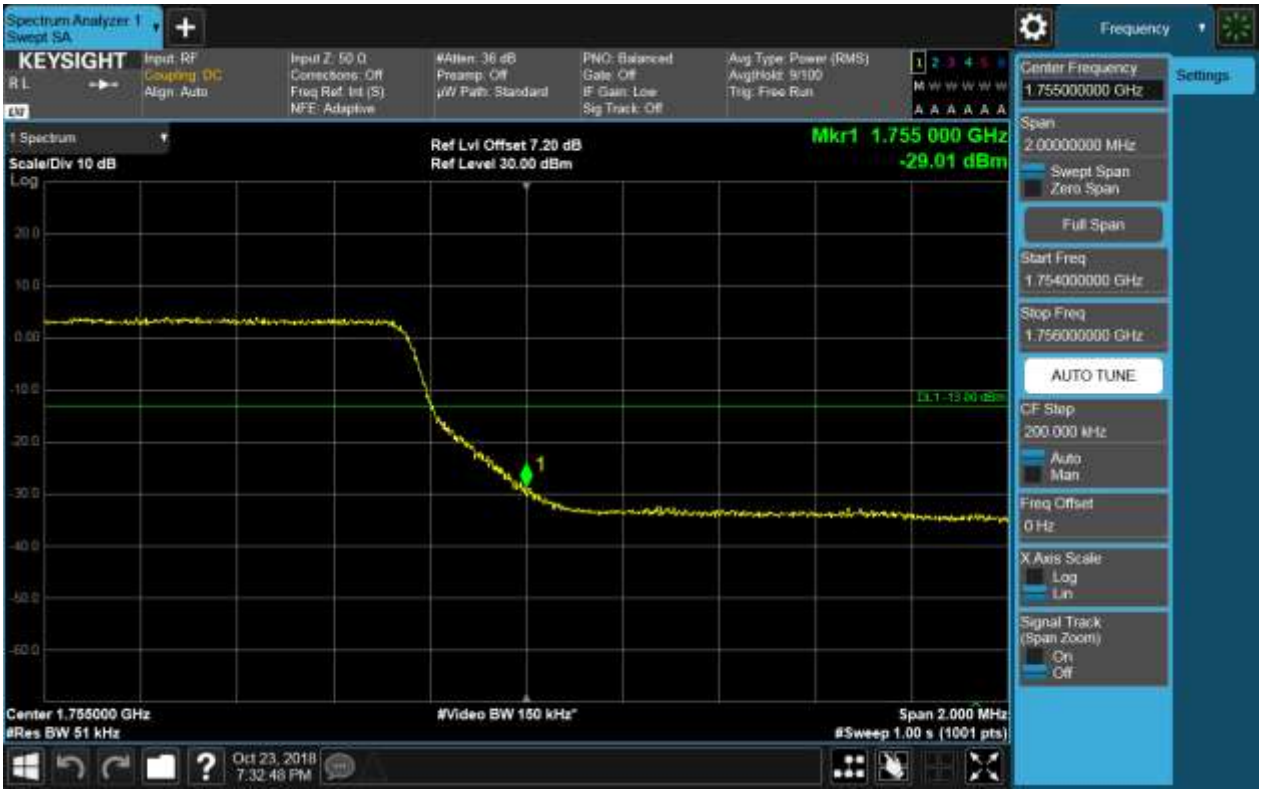
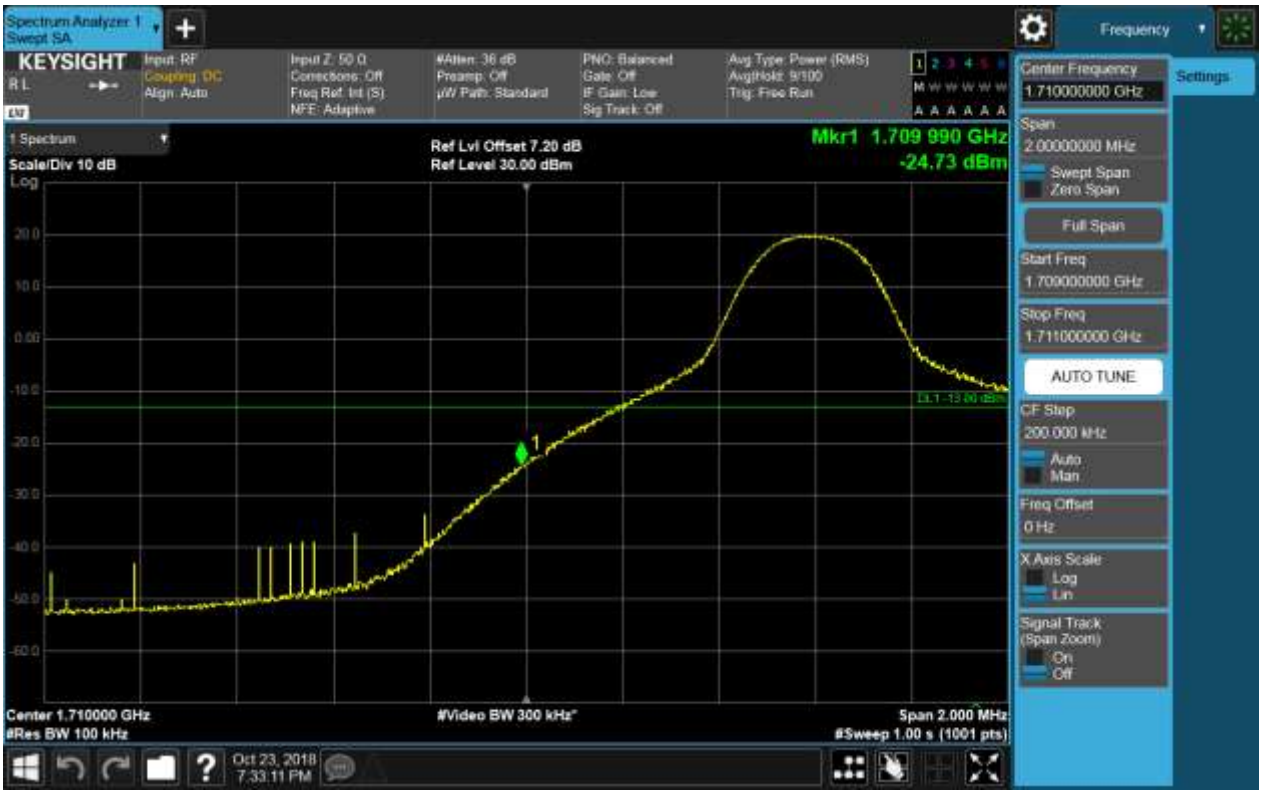
5.1.1.1.3.2.4 Test RB = RB25#0



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

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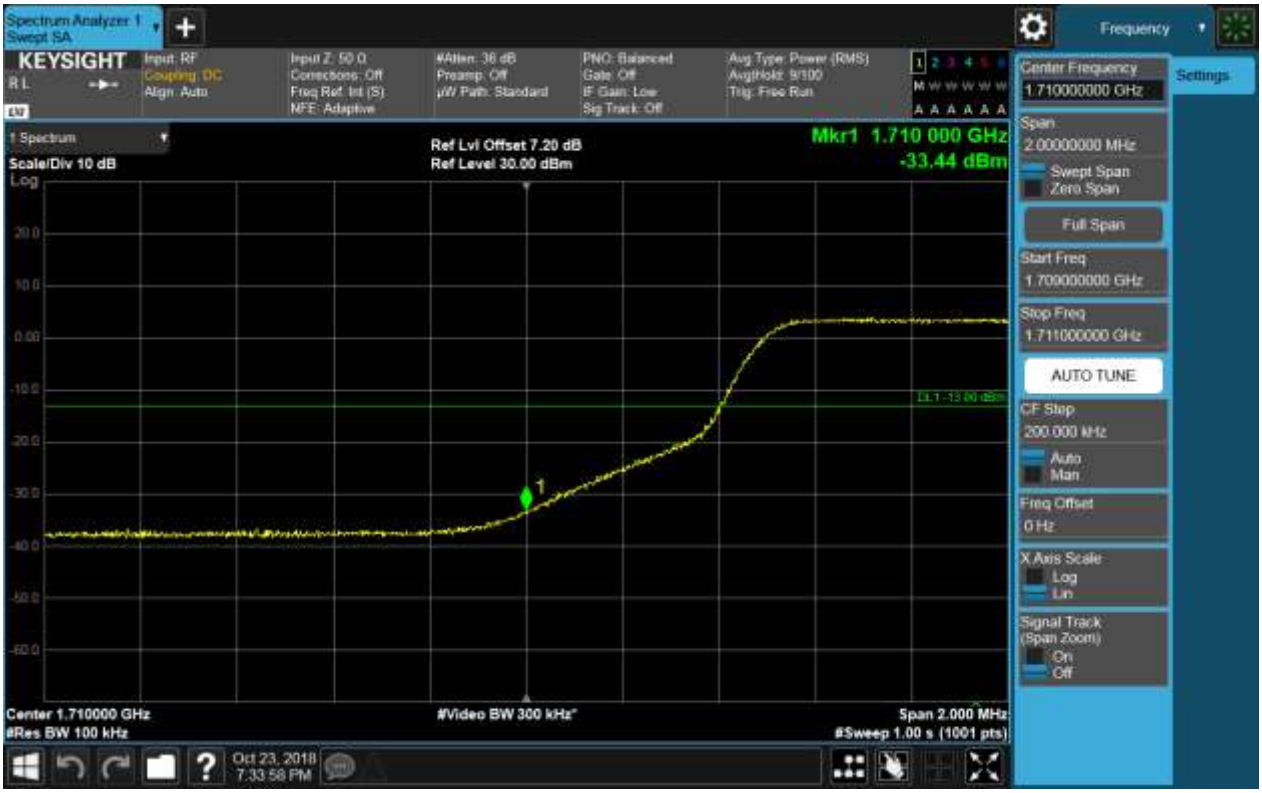
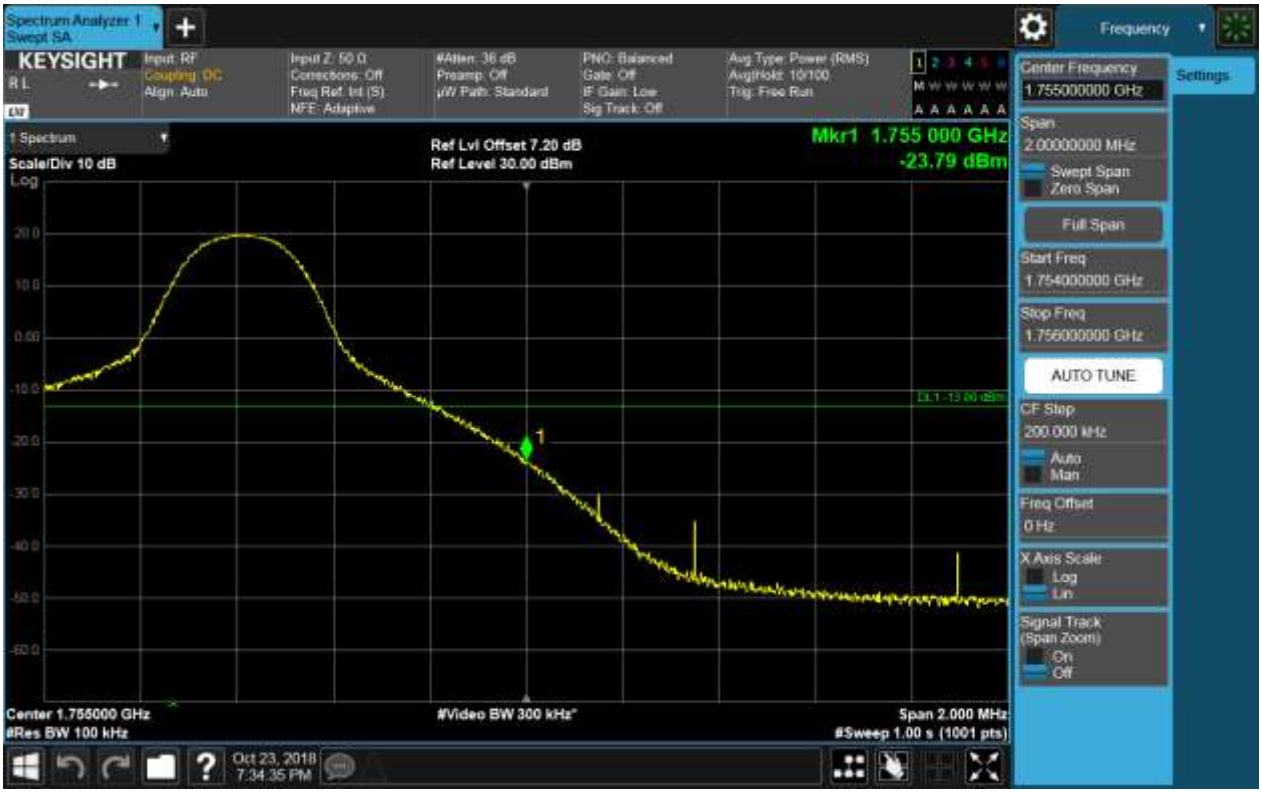
5.1.1.1.4.1.4 Test RB = RB50#0



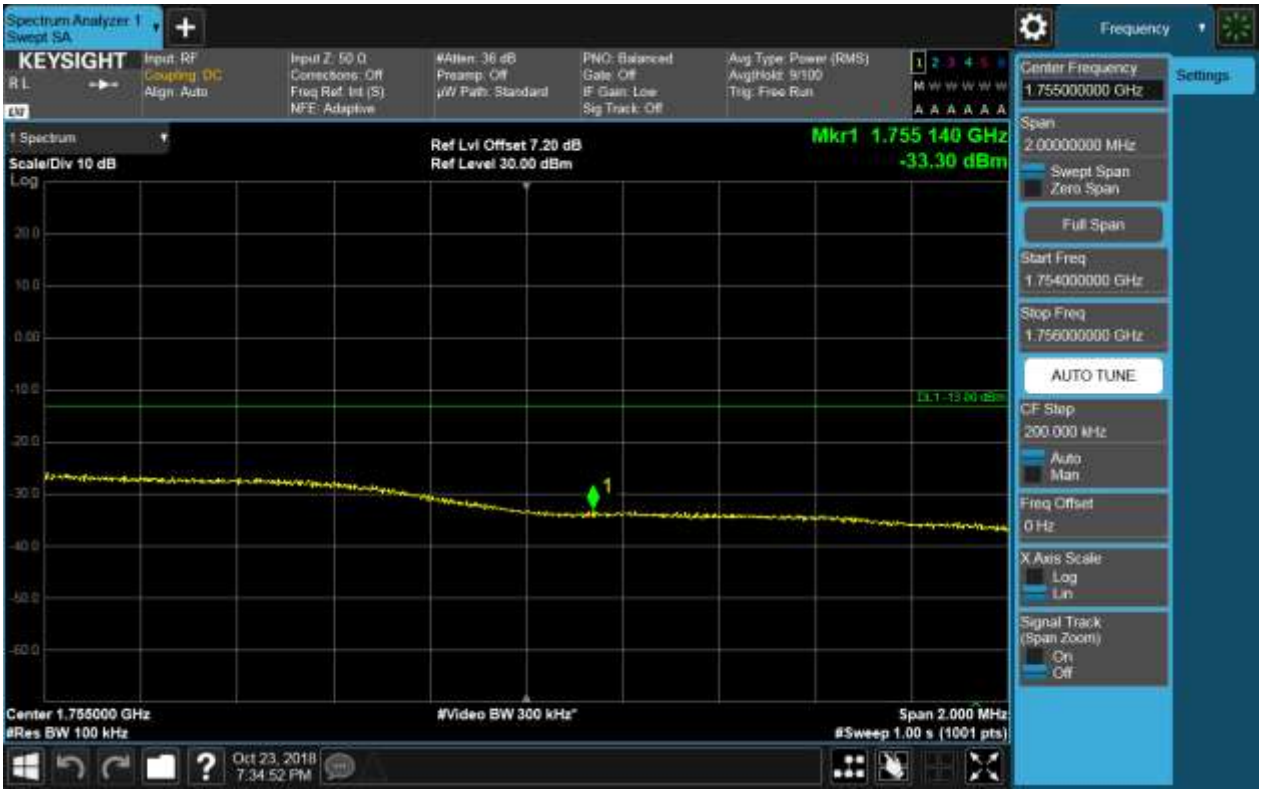
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0

5.1.1.1.4.2.2 Test RB = RB1#49



5.1.1.1.4.2.3 Test RB = RB25#13

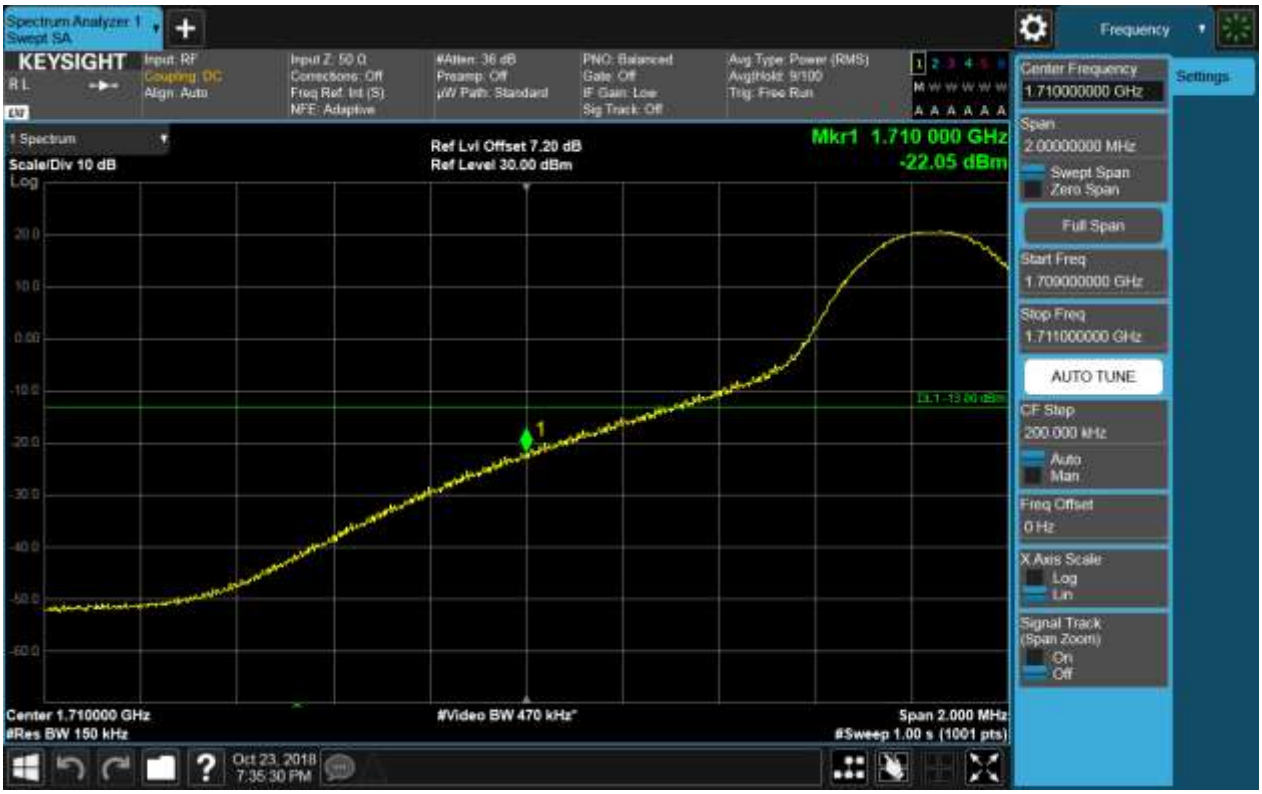


5.1.1.1.4.2.4 Test RB = RB50#0

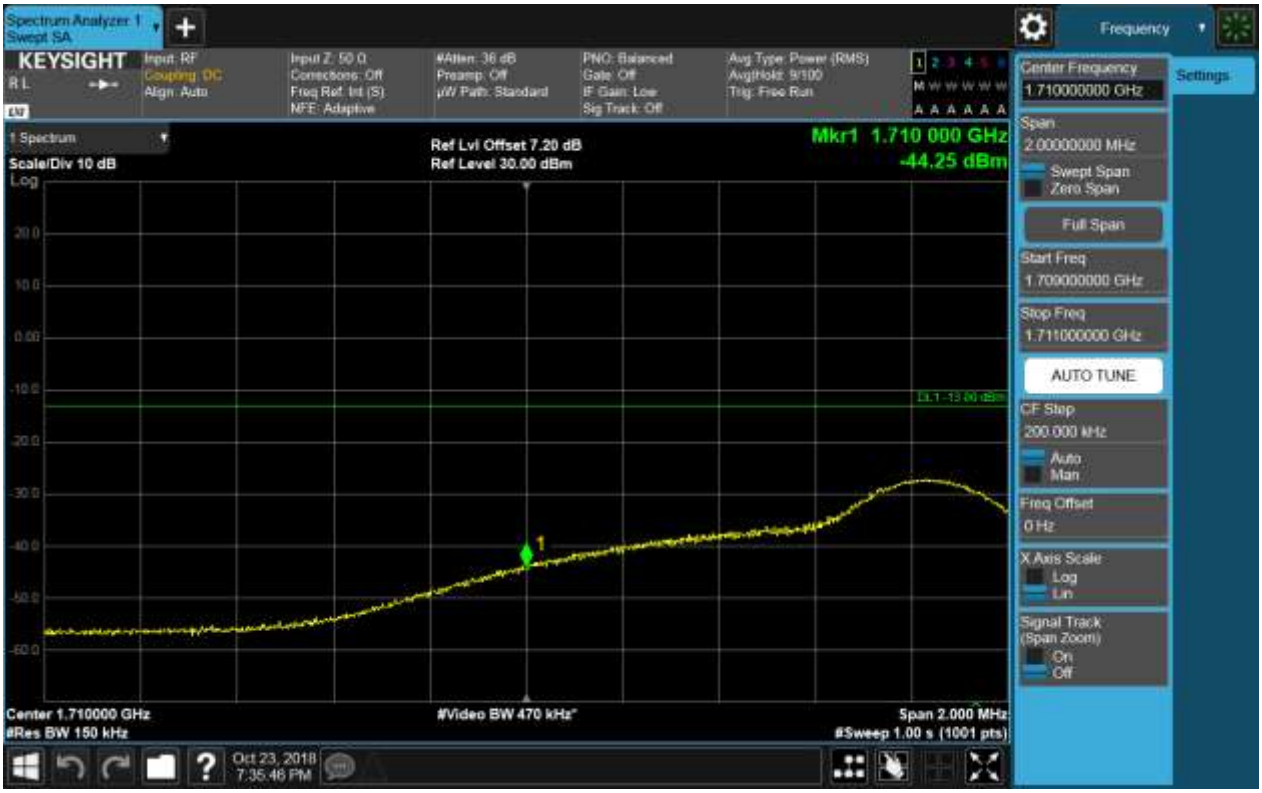
5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

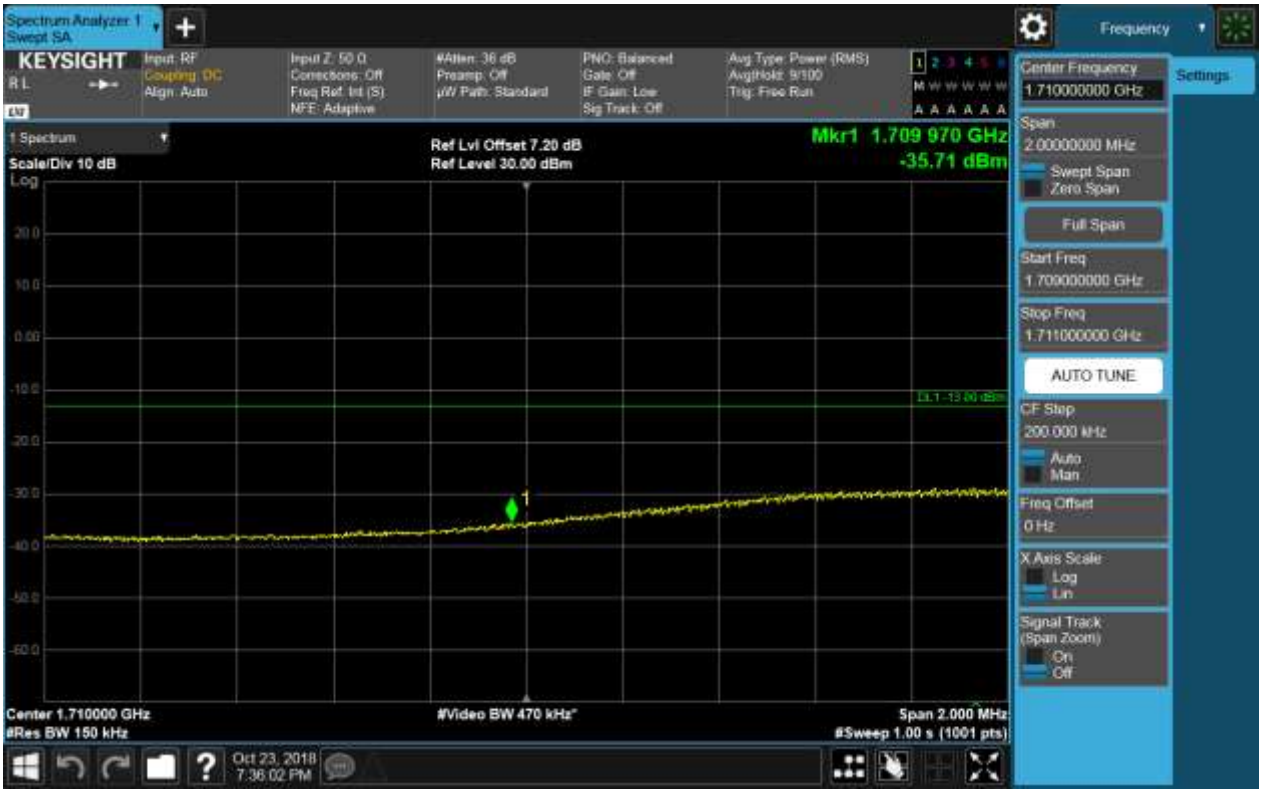
5.1.1.1.5.1.1 Test RB = RB1#0



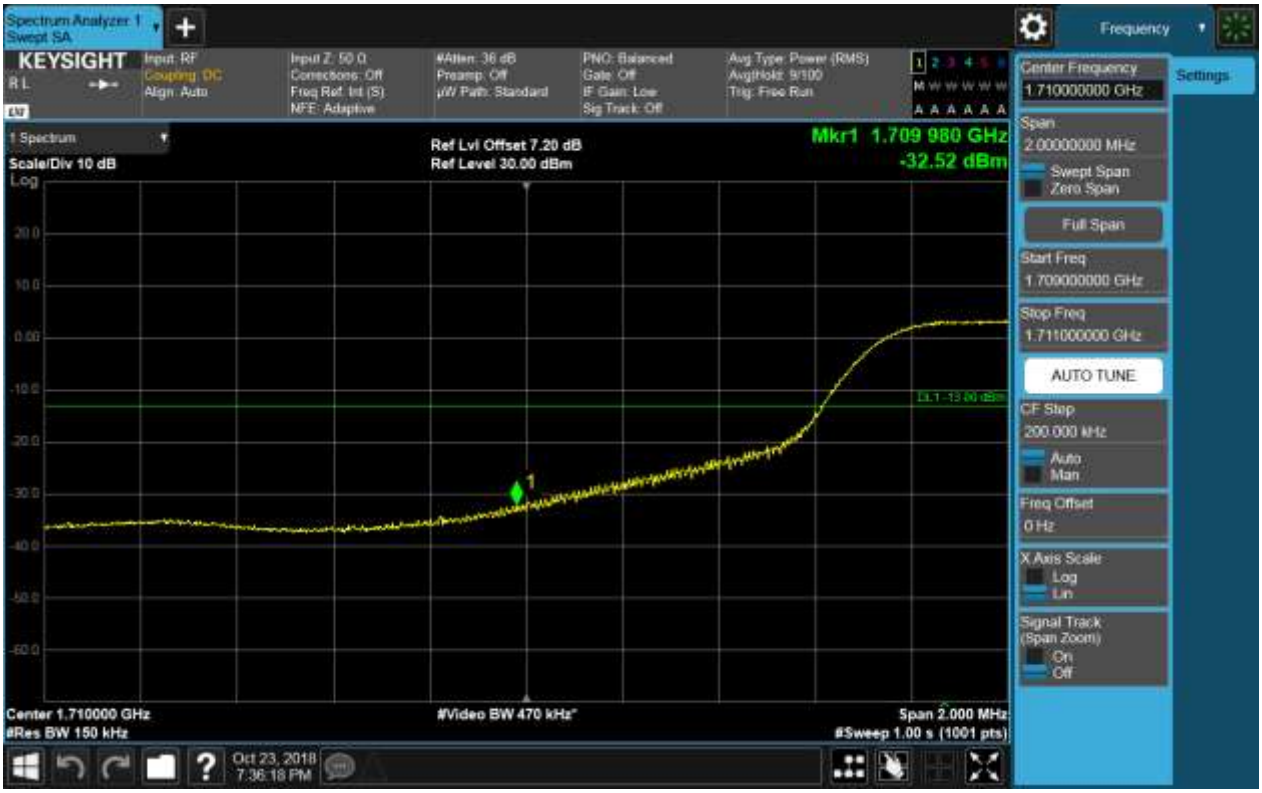
5.1.1.1.5.1.2 Test RB = RB1#74



5.1.1.1.5.1.3 Test RB = RB38#19

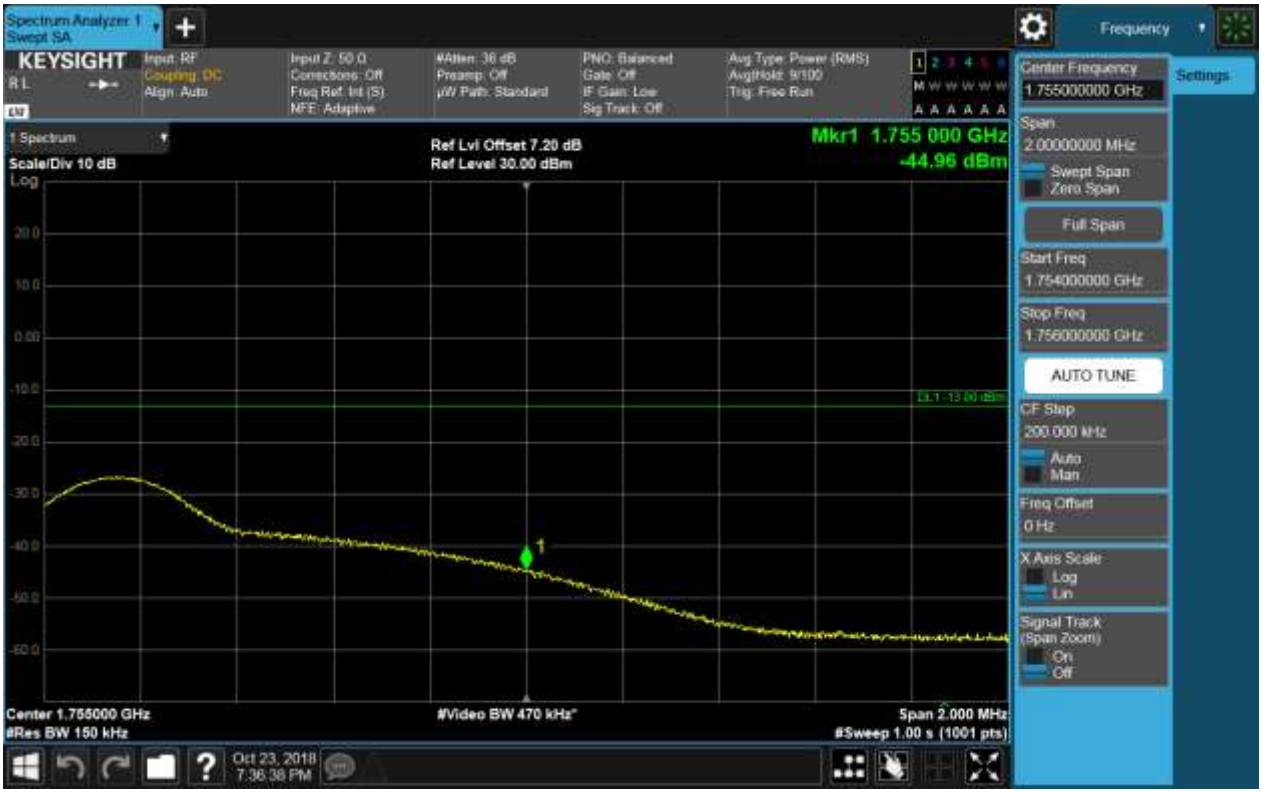


5.1.1.1.5.1.4 Test RB = RB75#0

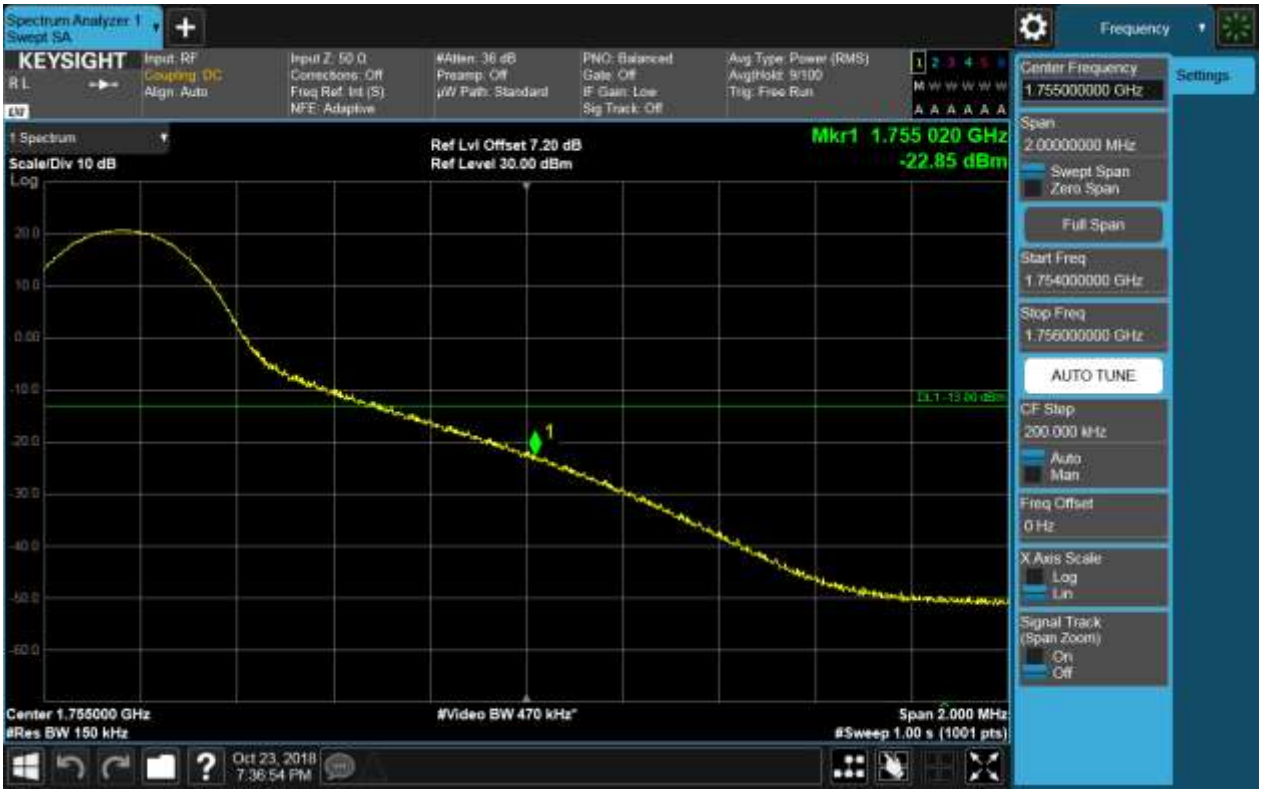


5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0



5.1.1.1.5.2.2 Test RB = RB1#74



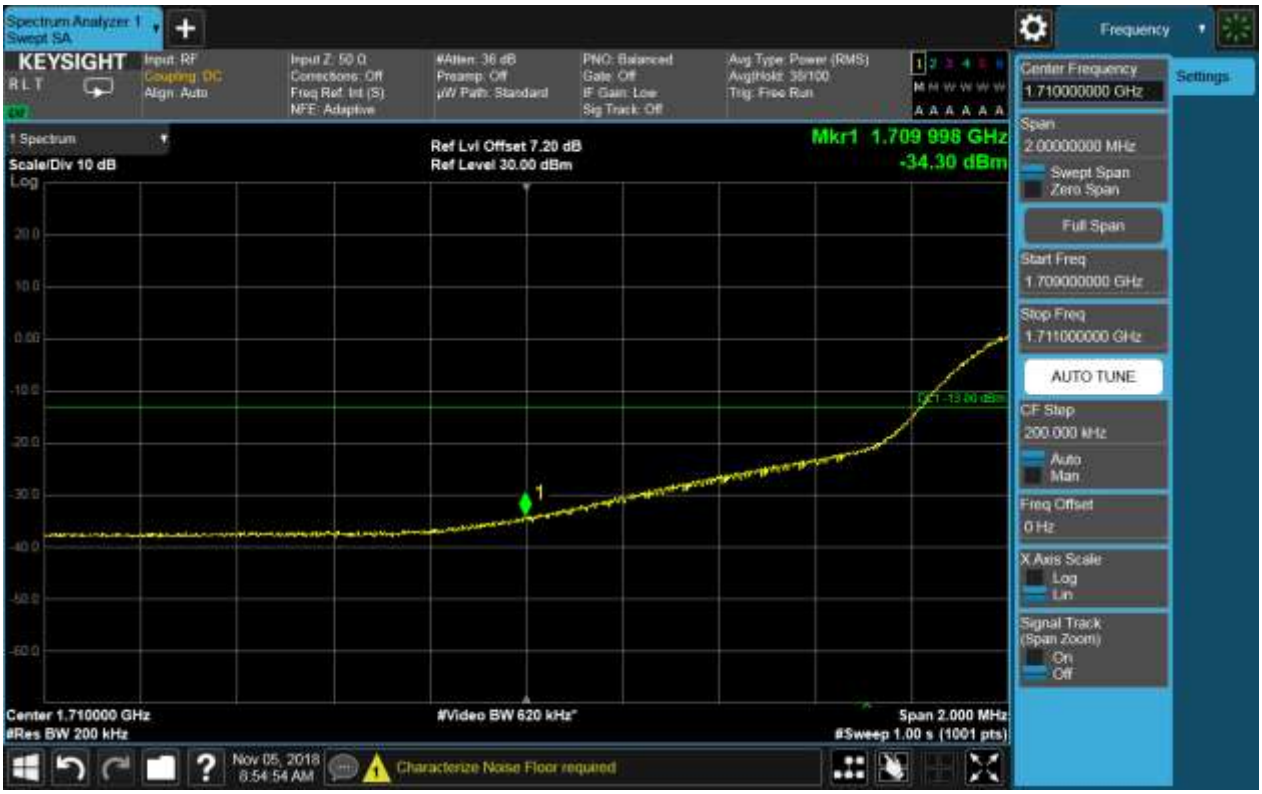
5.1.1.1.5.2.3 Test RB = RB38#19

5.1.1.1.5.2.4 Test RB = RB75#0

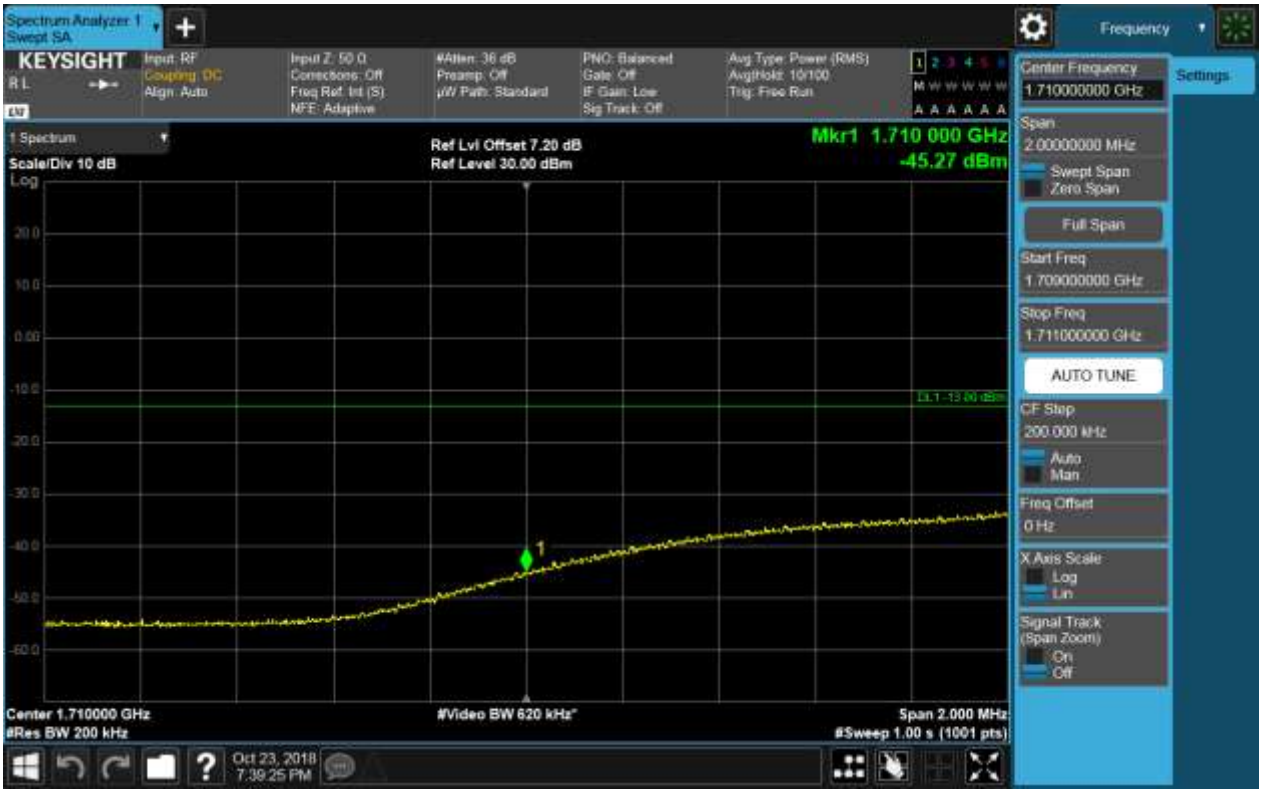
5.1.1.1.6 Test Bandwidth = 20

5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



5.1.1.1.6.1.2 Test RB = RB1#99



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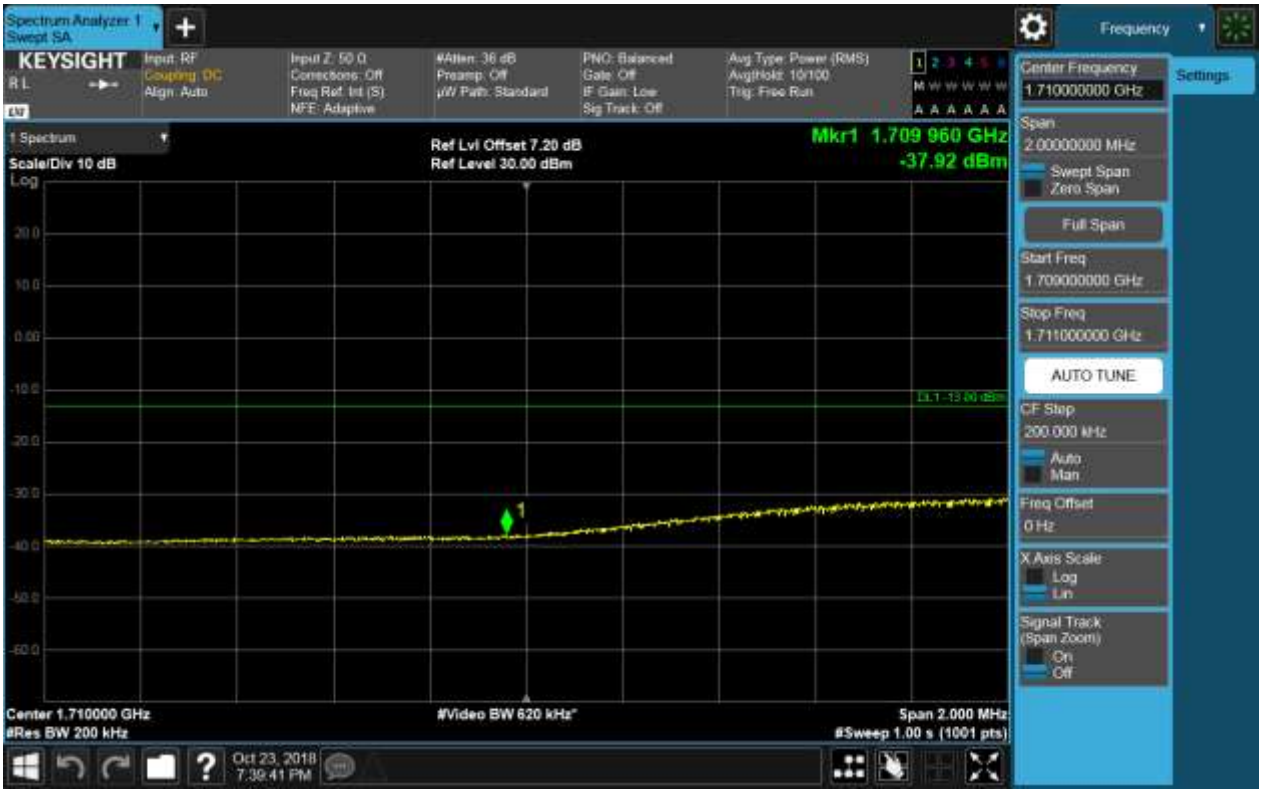
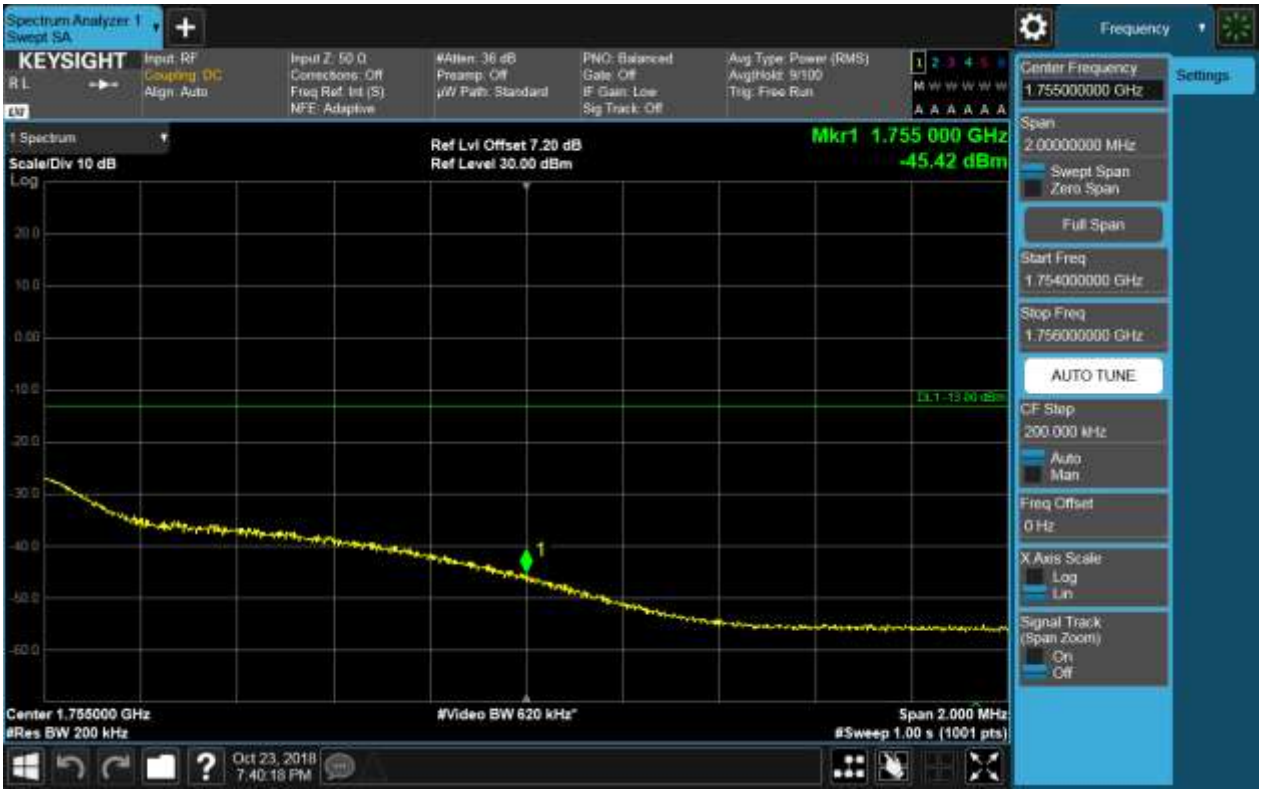
5.1.1.1.6.1.3 Test RB = RB50#25



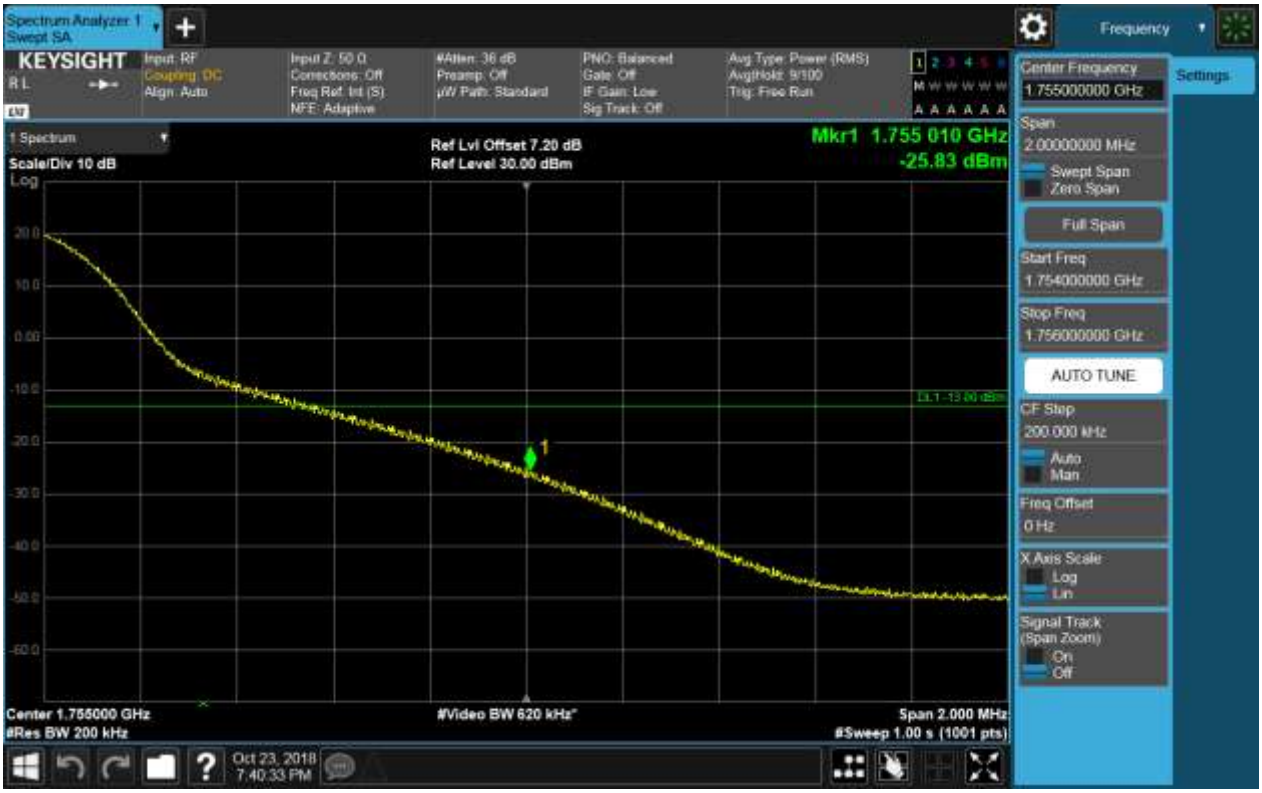
5.1.1.1.6.1.4 Test RB = RB100#0

5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0



5.1.1.1.6.2.2 Test RB = RB1#99



5.1.1.1.6.2.3 Test RB = RB50#25

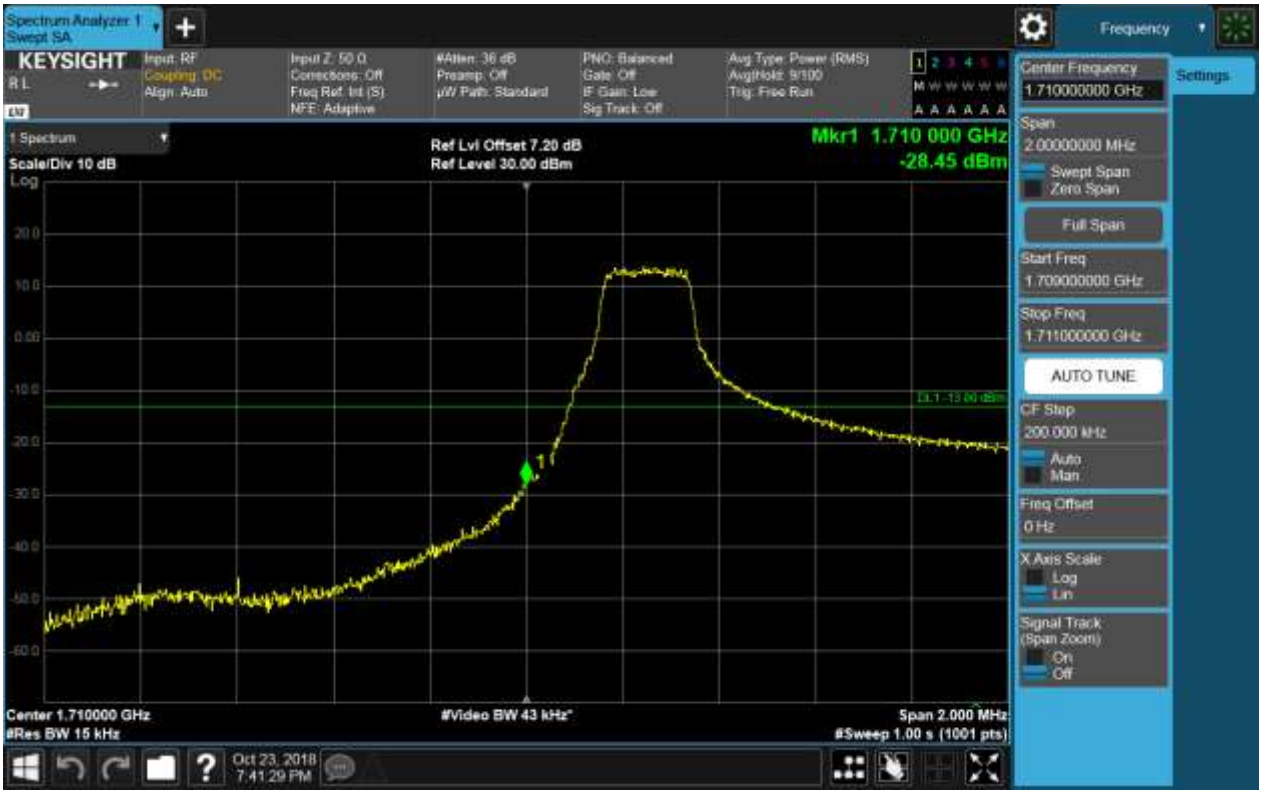
5.1.1.1.6.2.4 Test RB = RB100#0

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



5.1.1.2.1.1.2 Test RB = RB1#5

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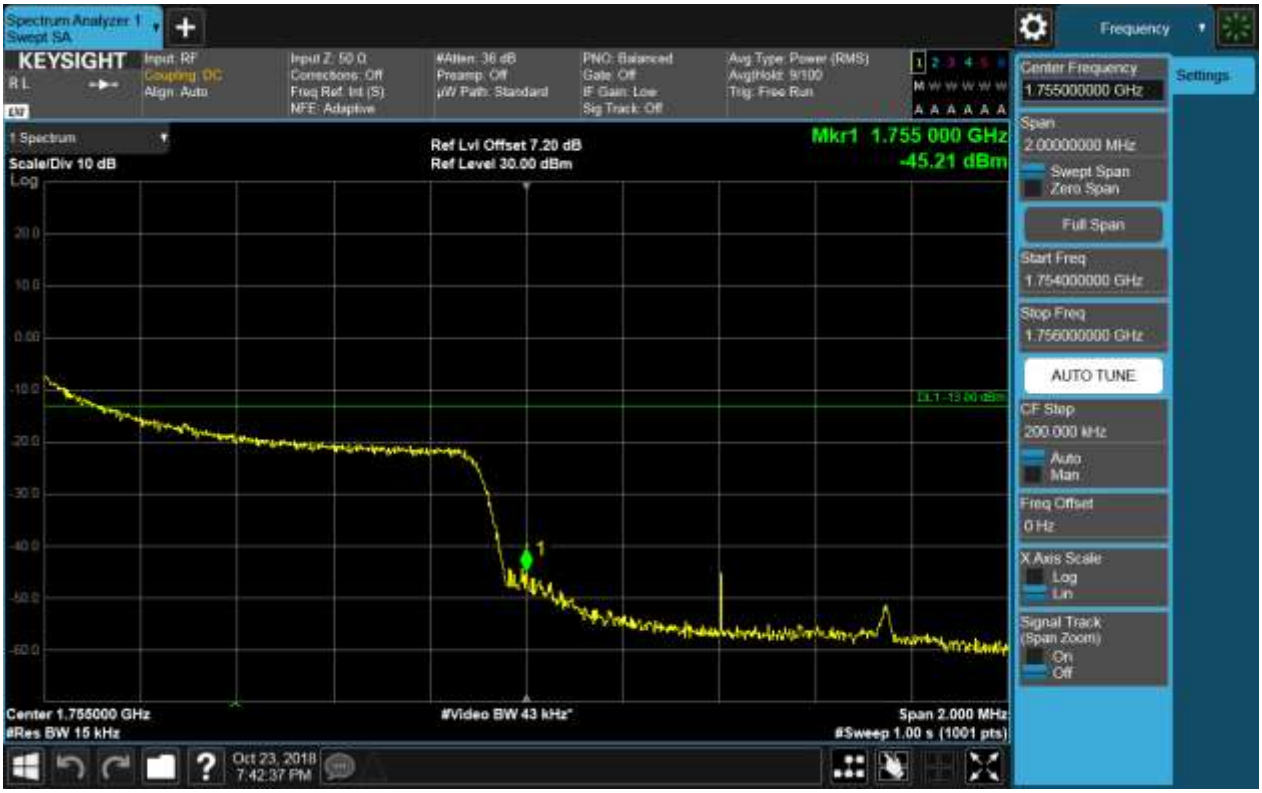
5.1.1.2.1.1.3 Test RB = RB3#2

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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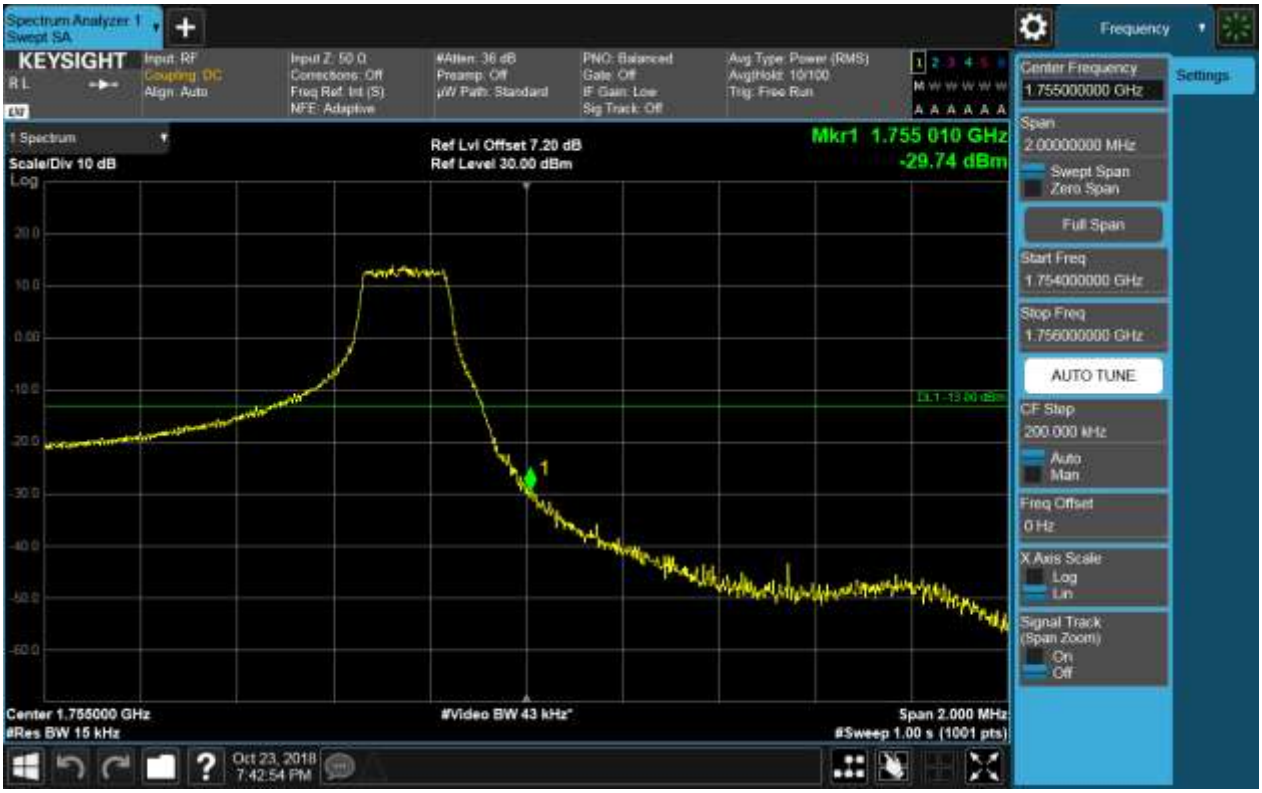
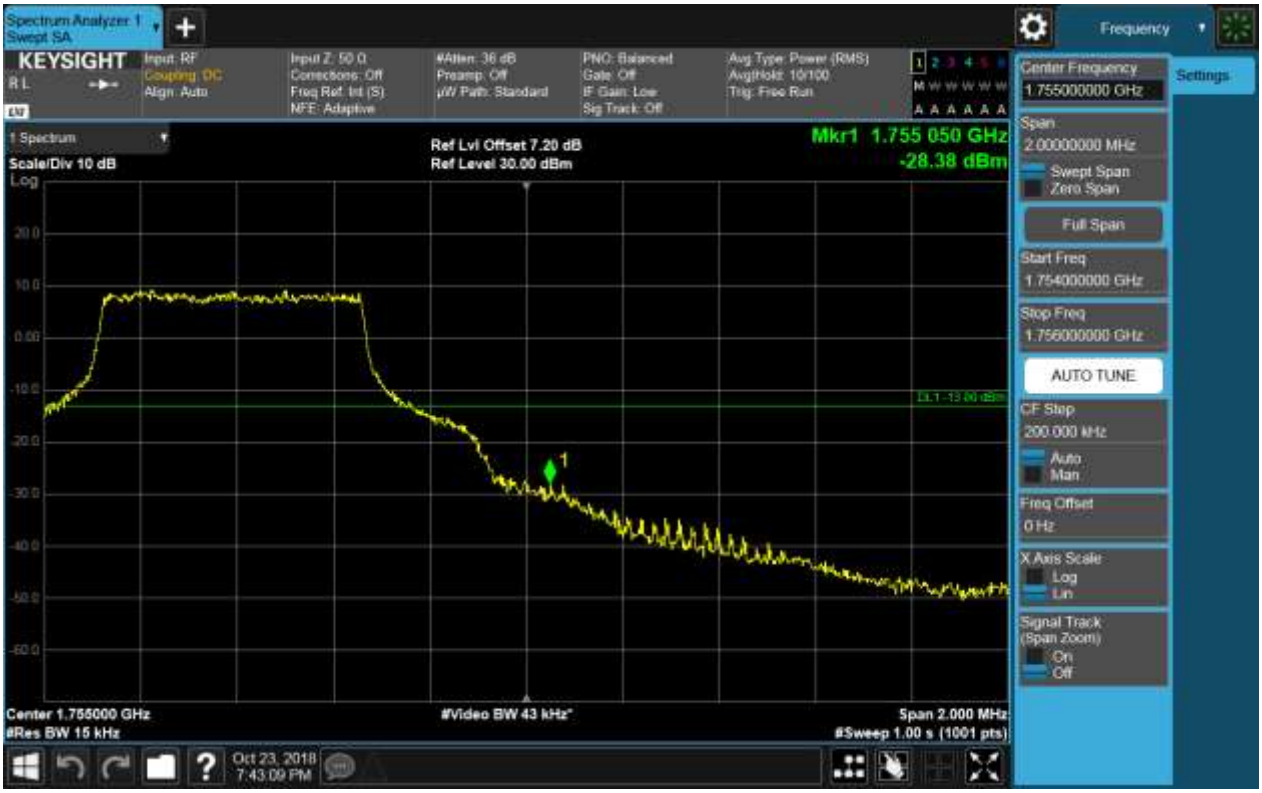
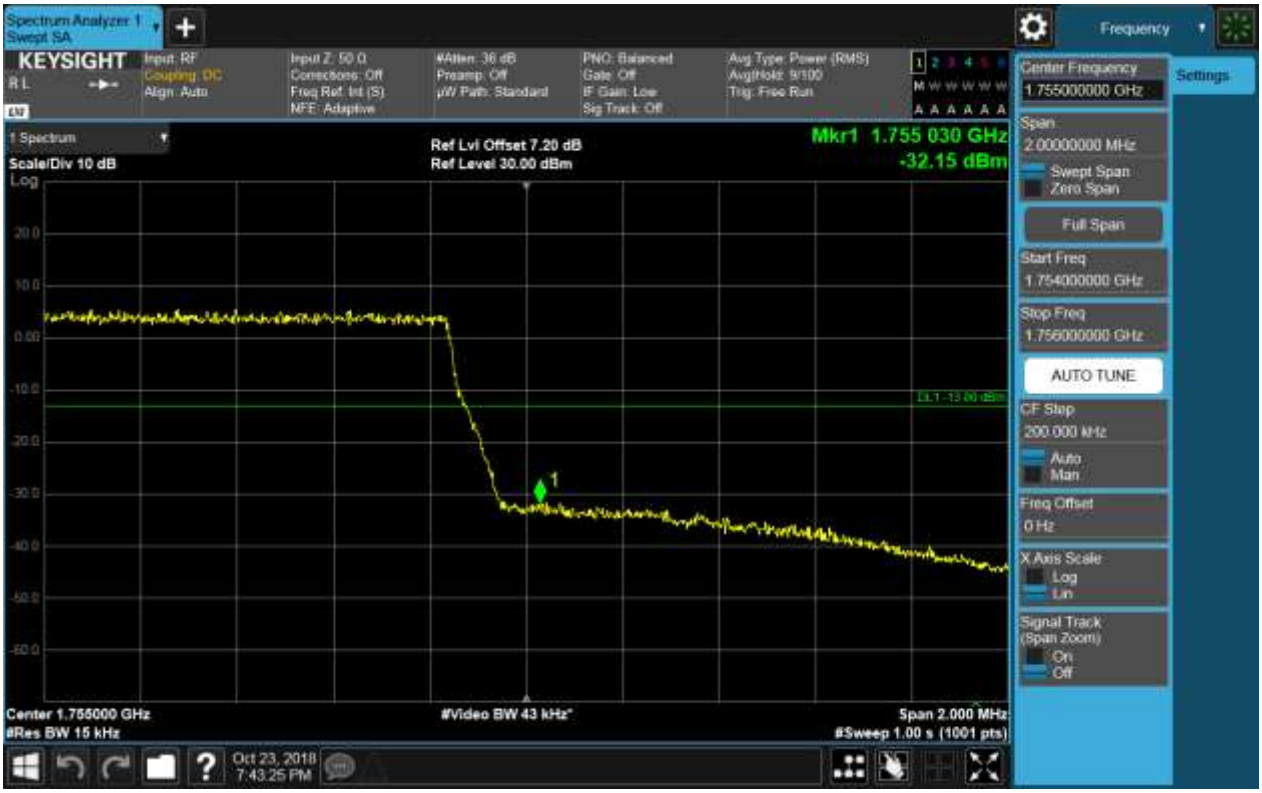
5.1.1.2.1.2.2 Test RB = RB1#5



5.1.1.2.1.2.3 Test RB = RB3#2



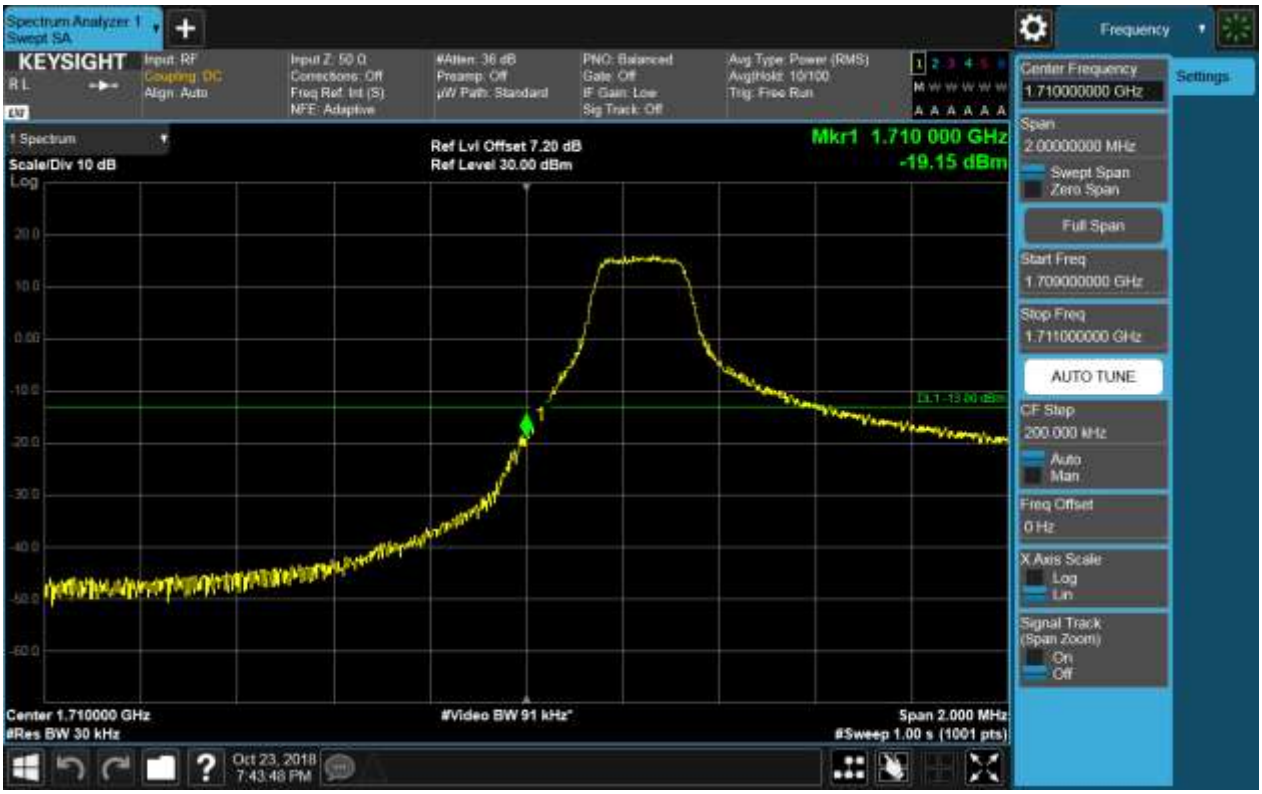
5.1.1.2.1.2.4 Test RB = RB6#0



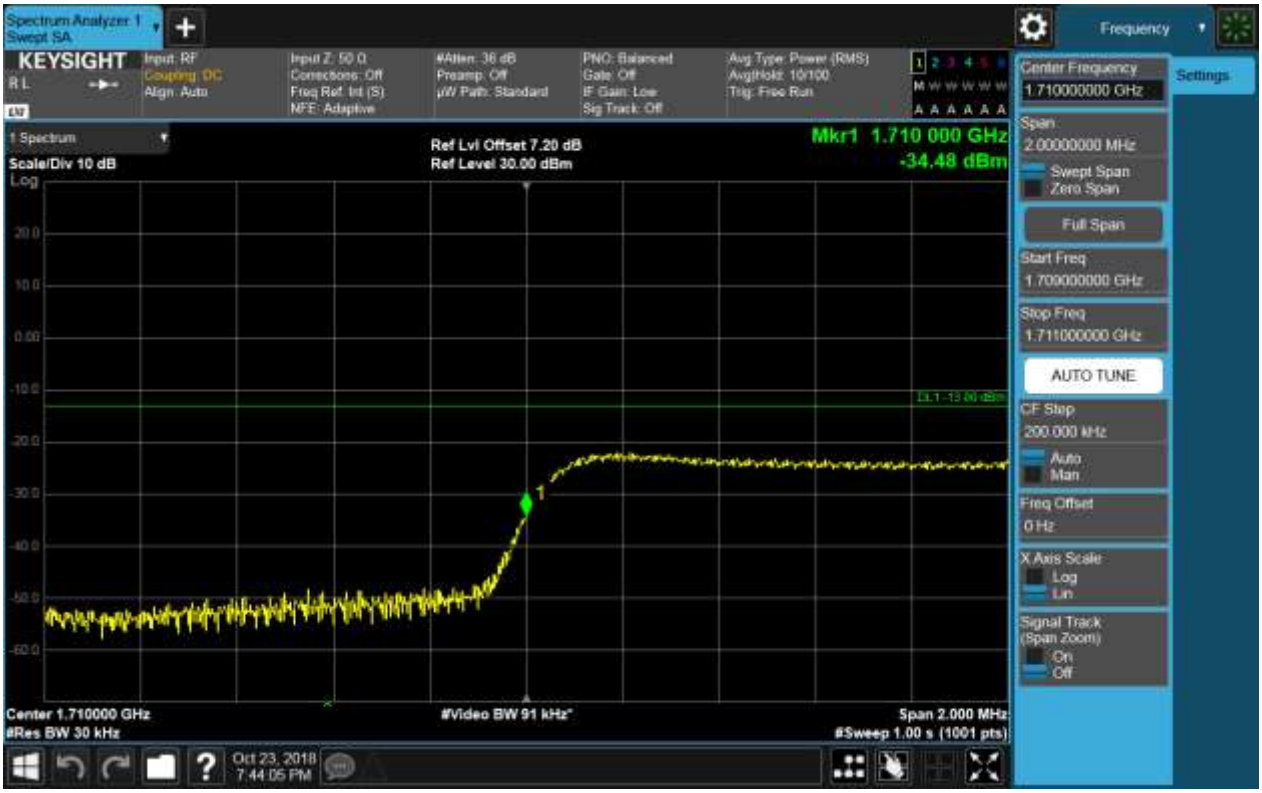
5.1.1.2.2 Test Bandwidth = 3

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



5.1.1.2.2.1.2 Test RB = RB1#14



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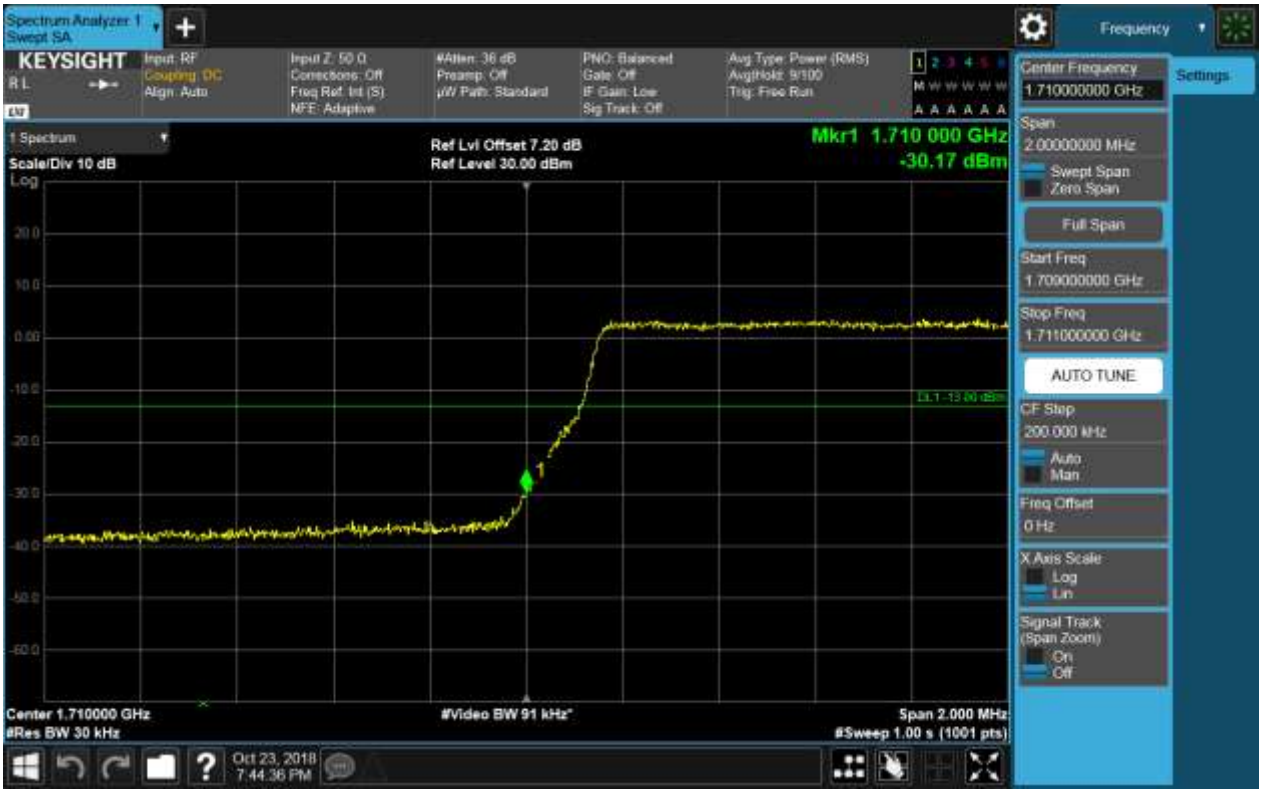
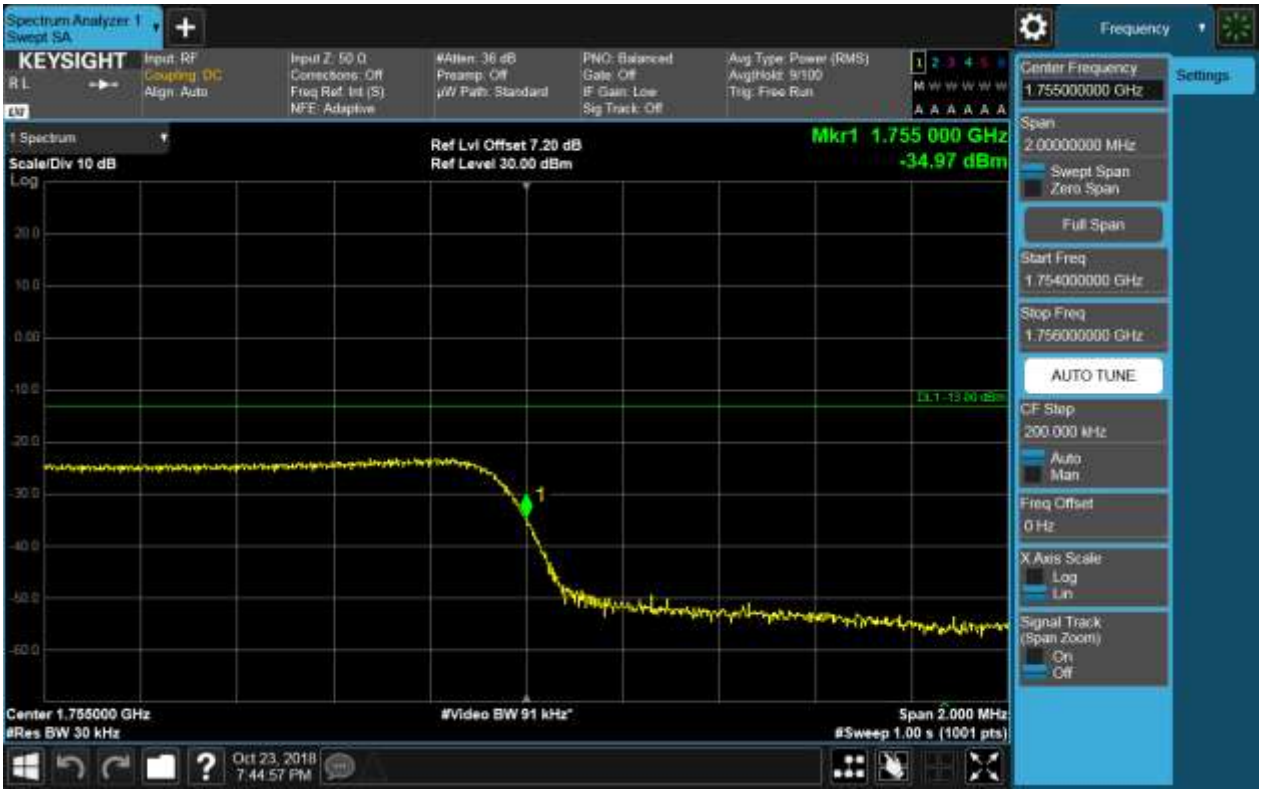
5.1.1.2.2.1.3 Test RB = RB8#4

5.1.1.2.2.1.4 Test RB = RB15#0

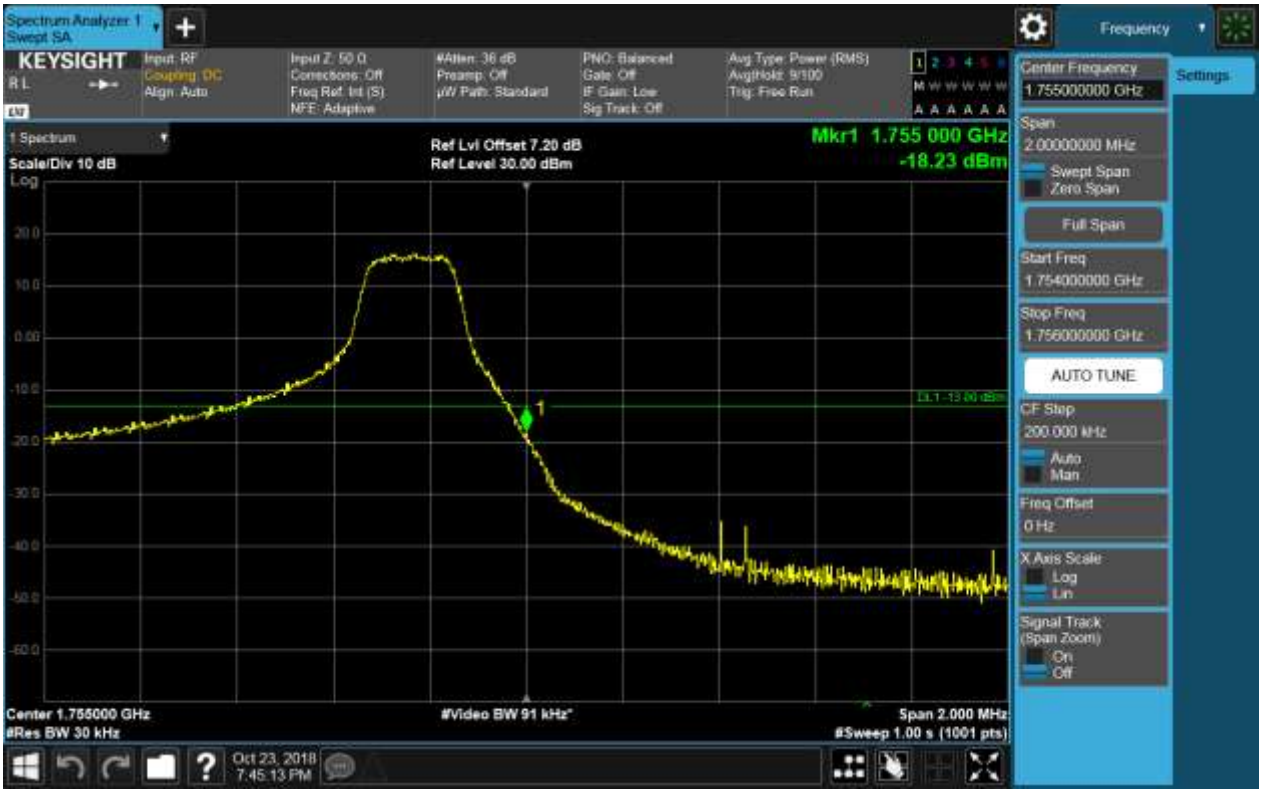


5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0

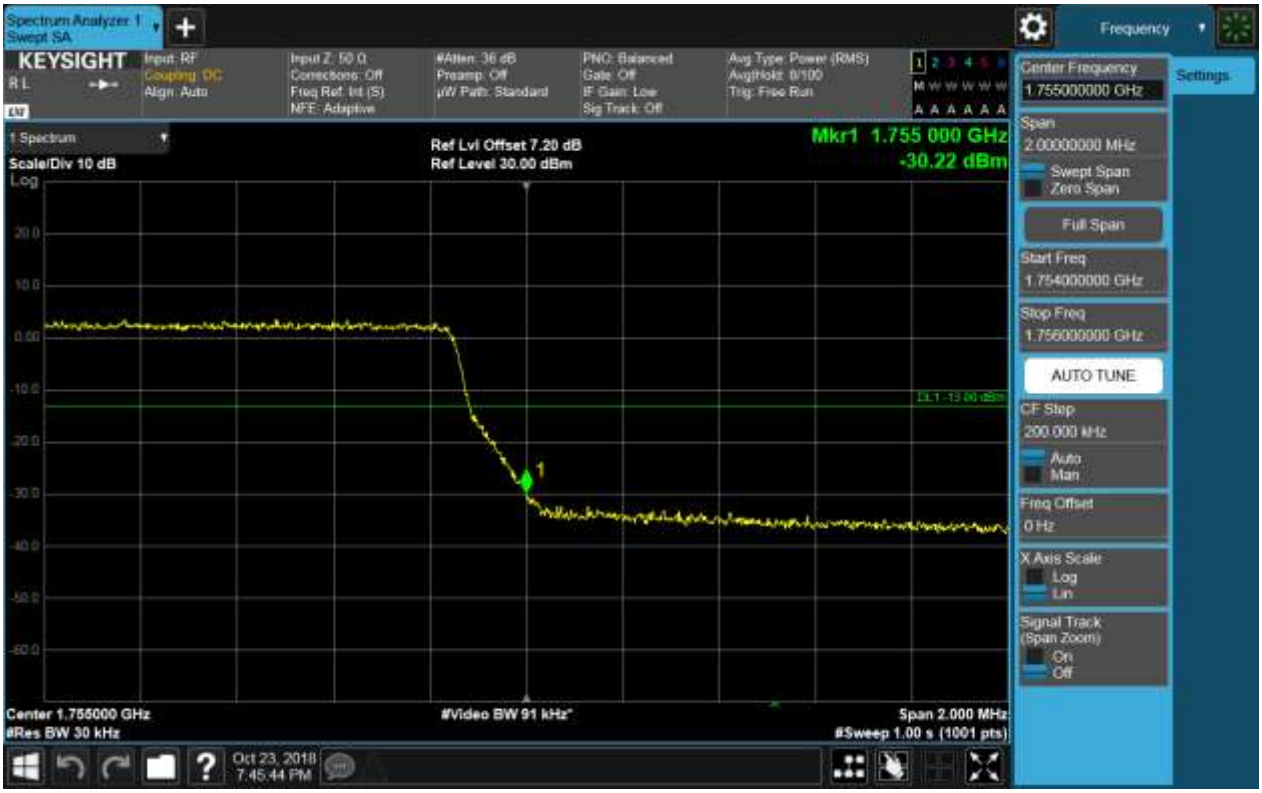


5.1.1.2.2.2.2 Test RB = RB1#14



5.1.1.2.2.2.3 Test RB = RB8#4

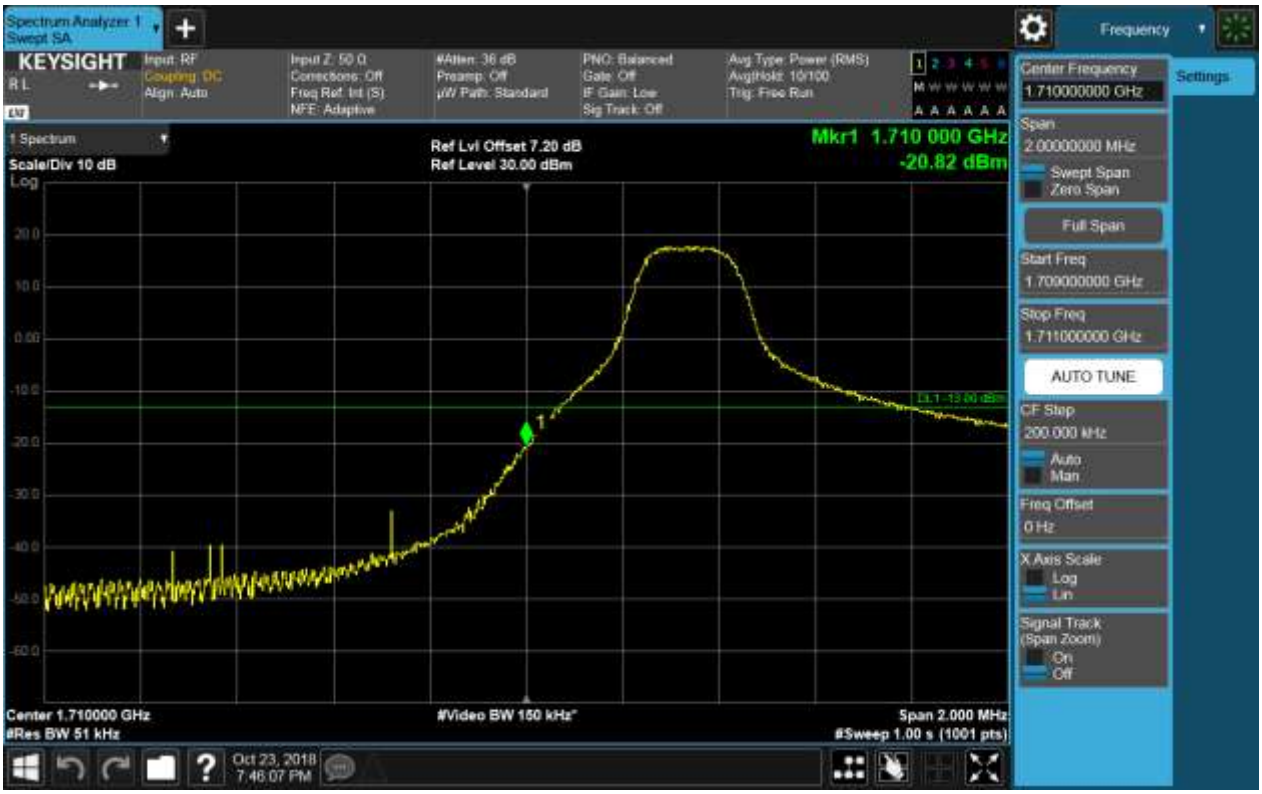
5.1.1.2.2.2.4 Test RB = RB15#0



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



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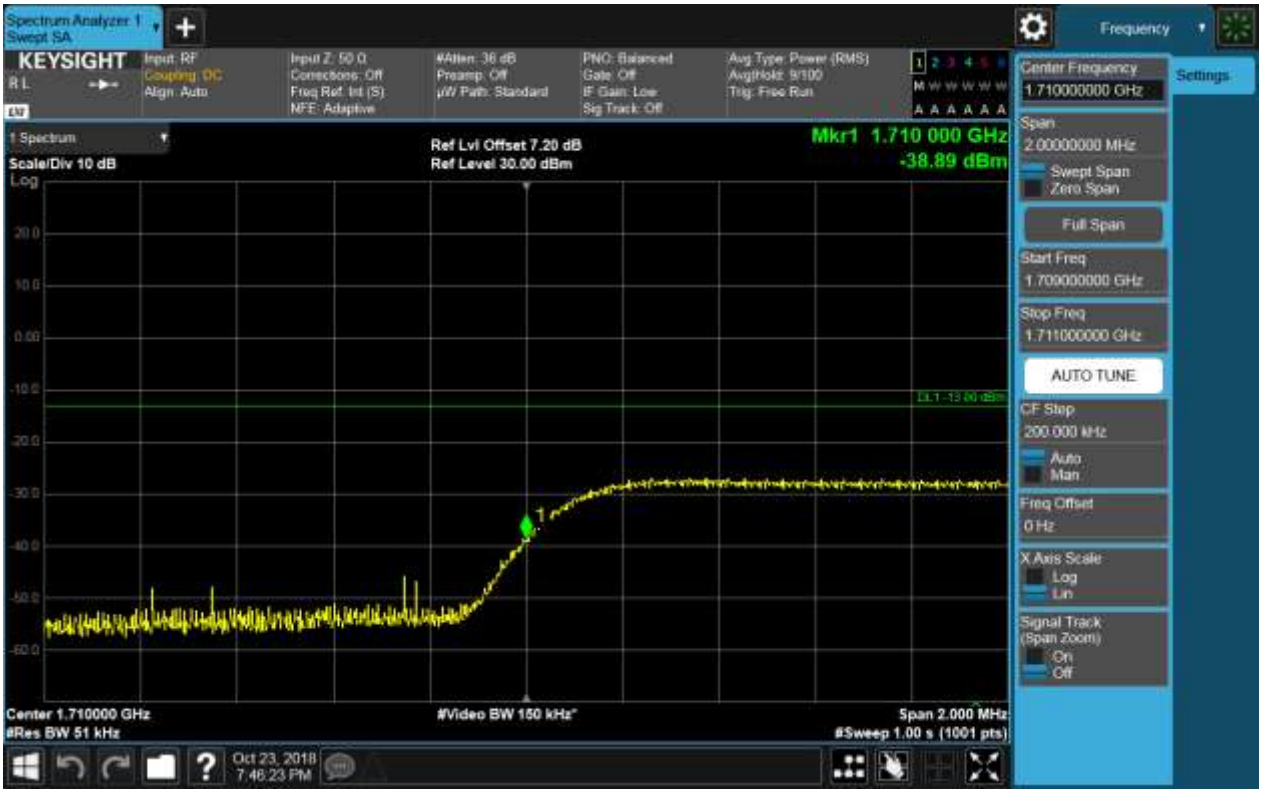
5.1.1.2.3.1.2 Test RB = RB1#24



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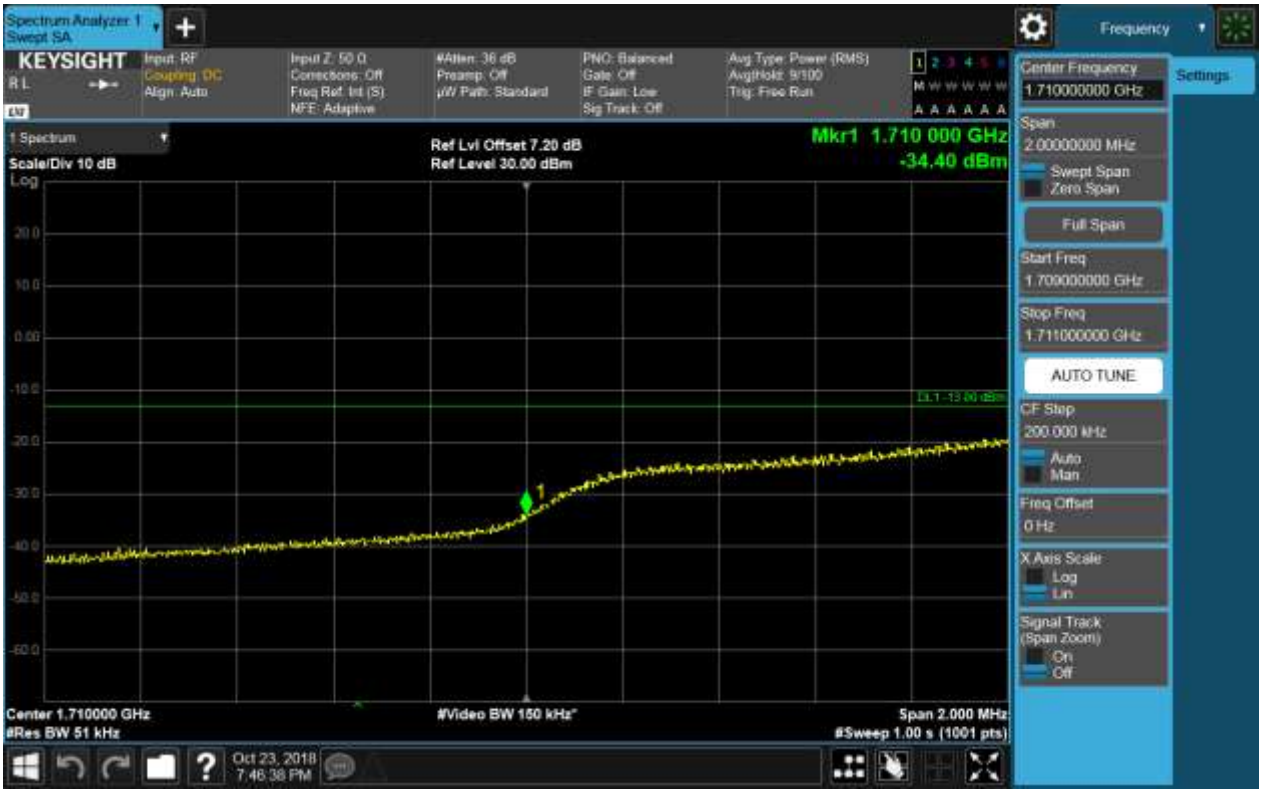
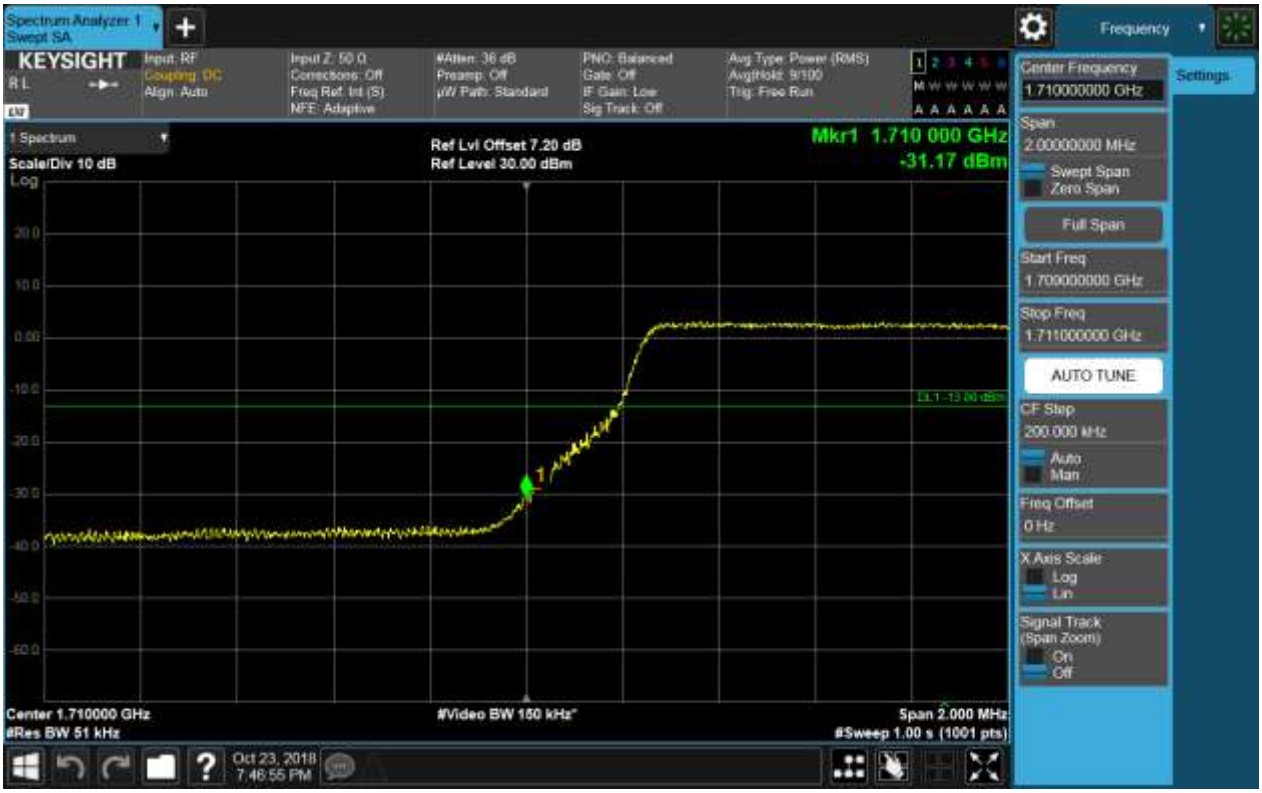
5.1.1.2.3.1.3 Test RB = RB12#6

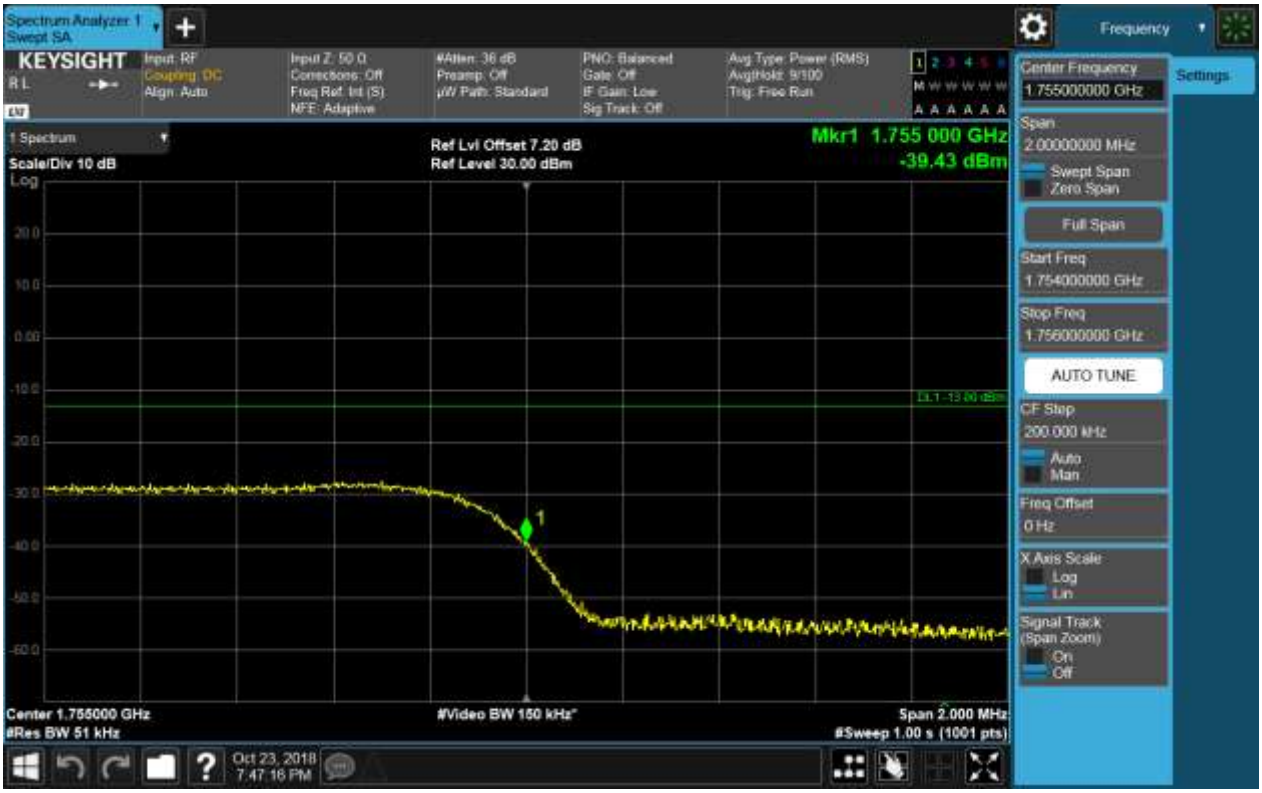


5.1.1.2.3.1.4 Test RB = RB25#0

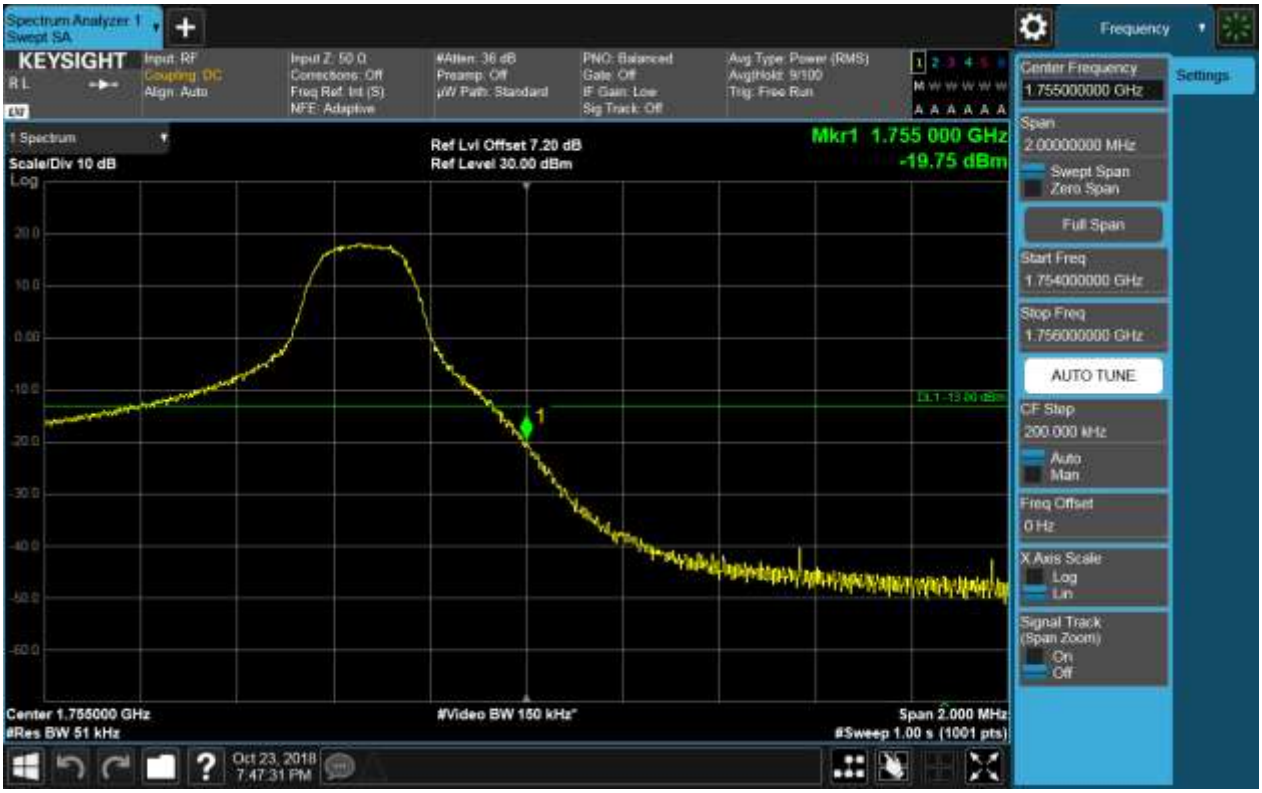


5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



5.1.1.2.3.2.2 Test RB = RB1#24



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5.1.1.2.3.2.3 Test RB = RB12#6

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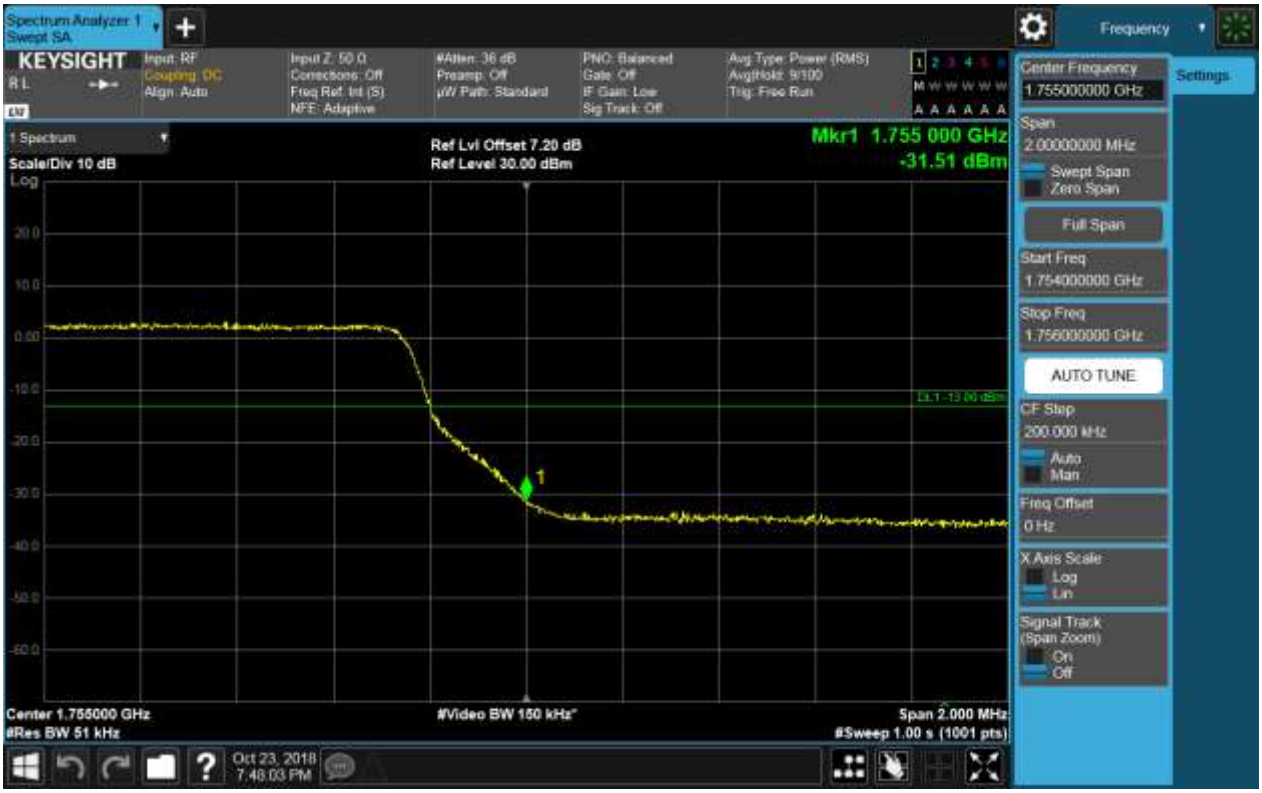
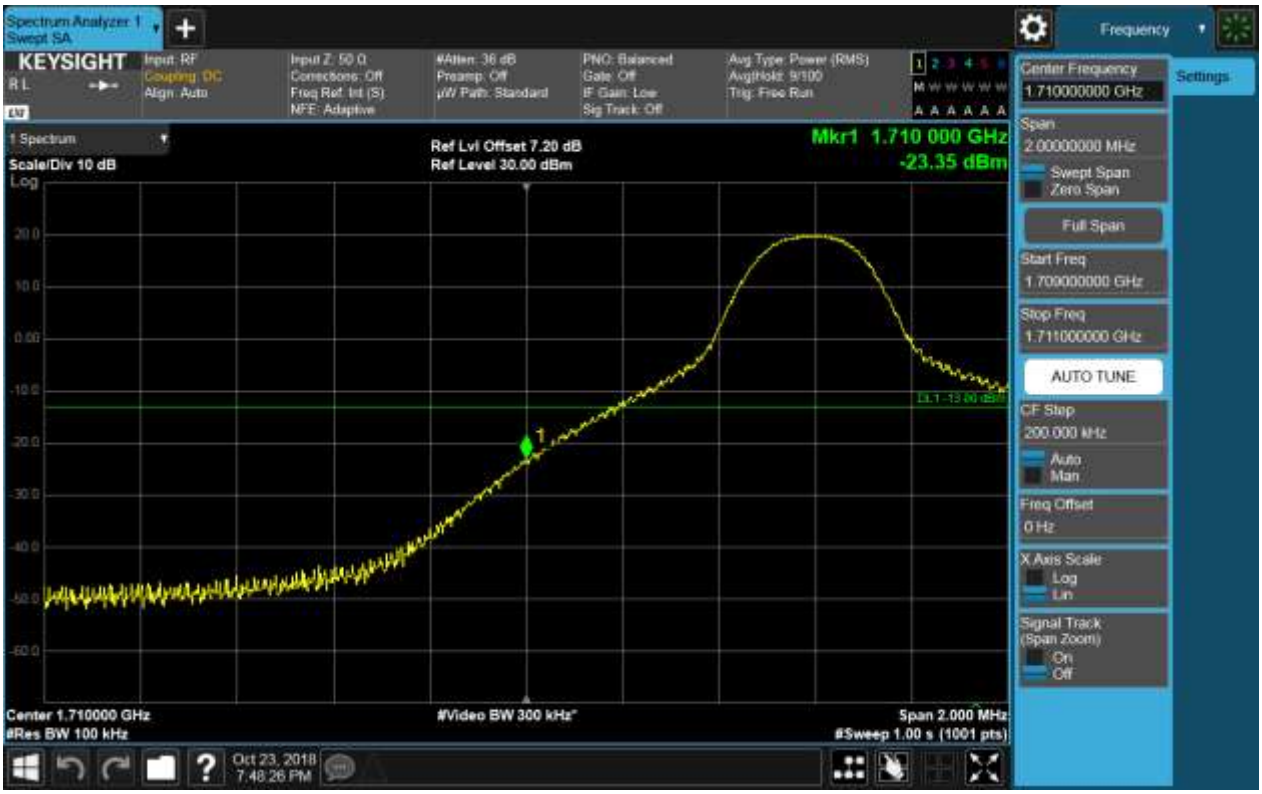
5.1.1.2.3.2.4 Test RB = RB25#0



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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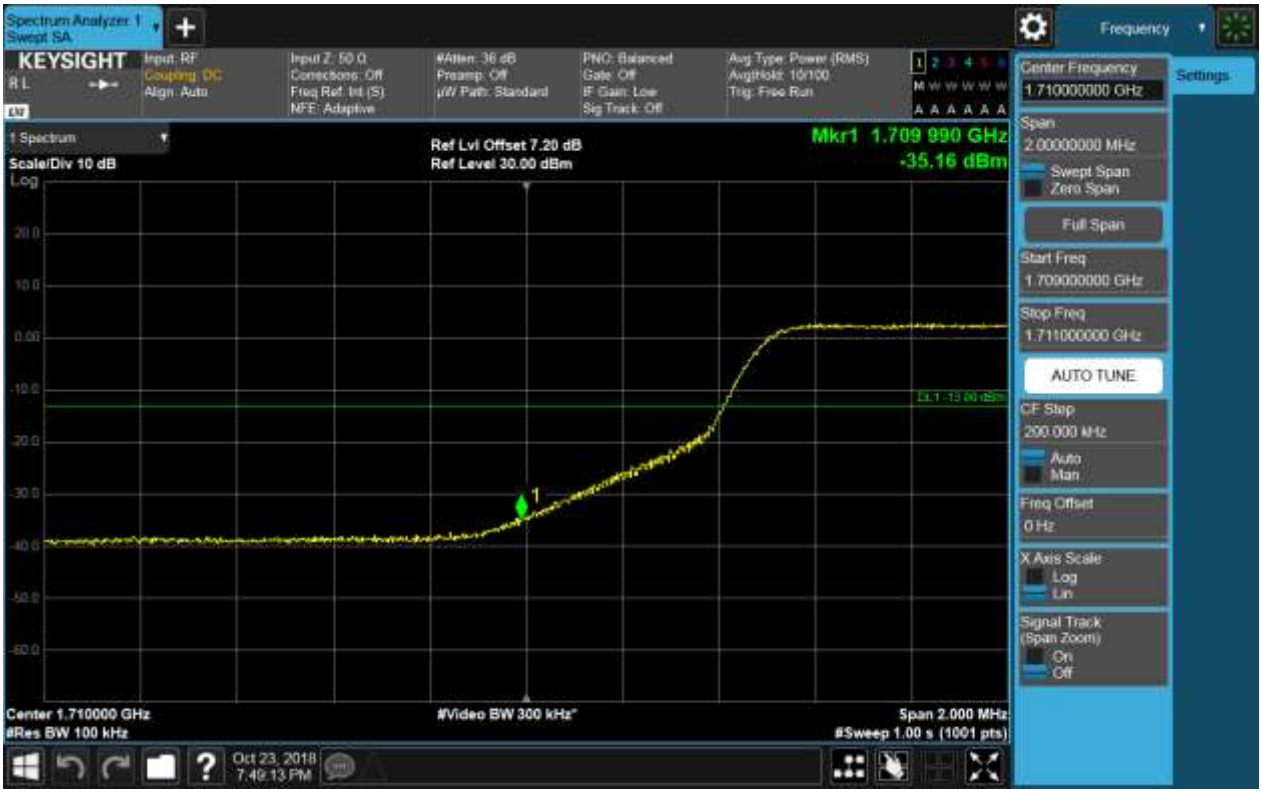
5.1.1.2.4.1.2 Test RB = RB1#49

5.1.1.2.4.1.3 Test RB = RB25#13

5.1.1.2.4.1.4 Test RB = RB50#0



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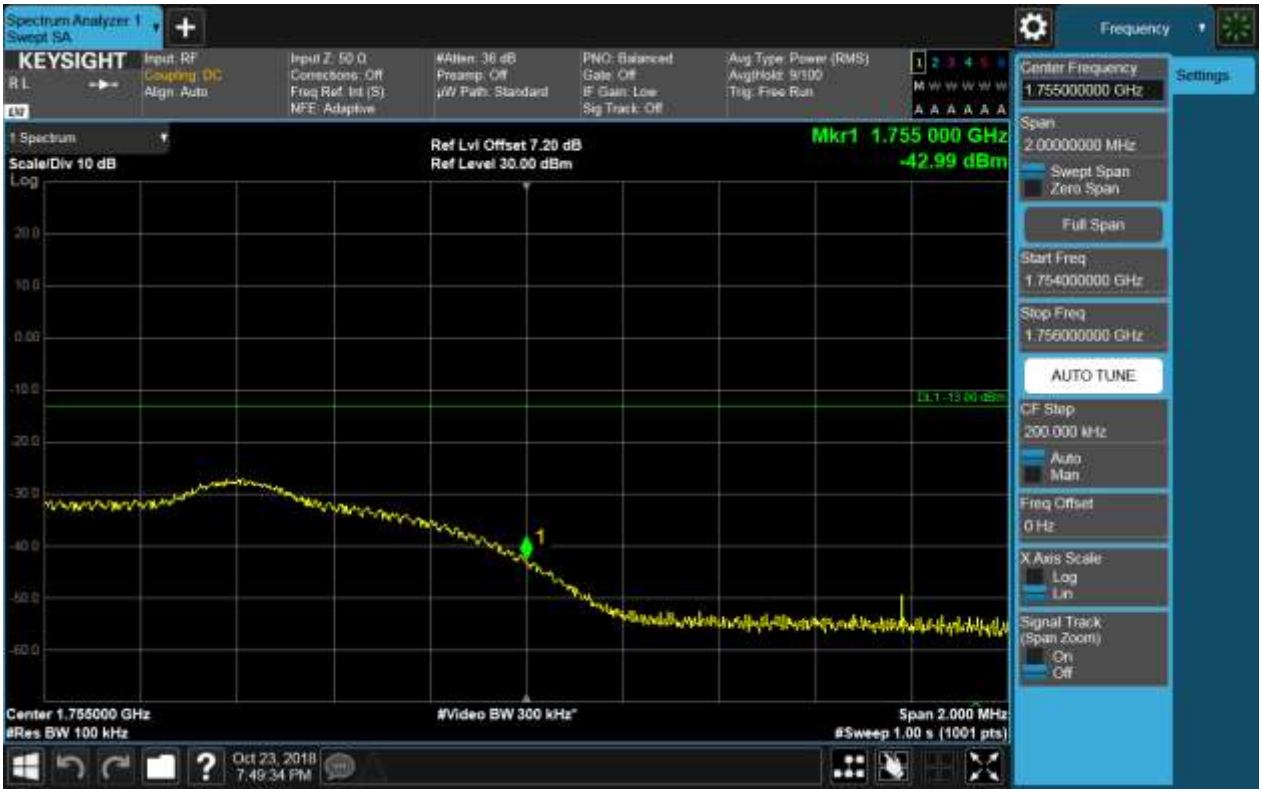
5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



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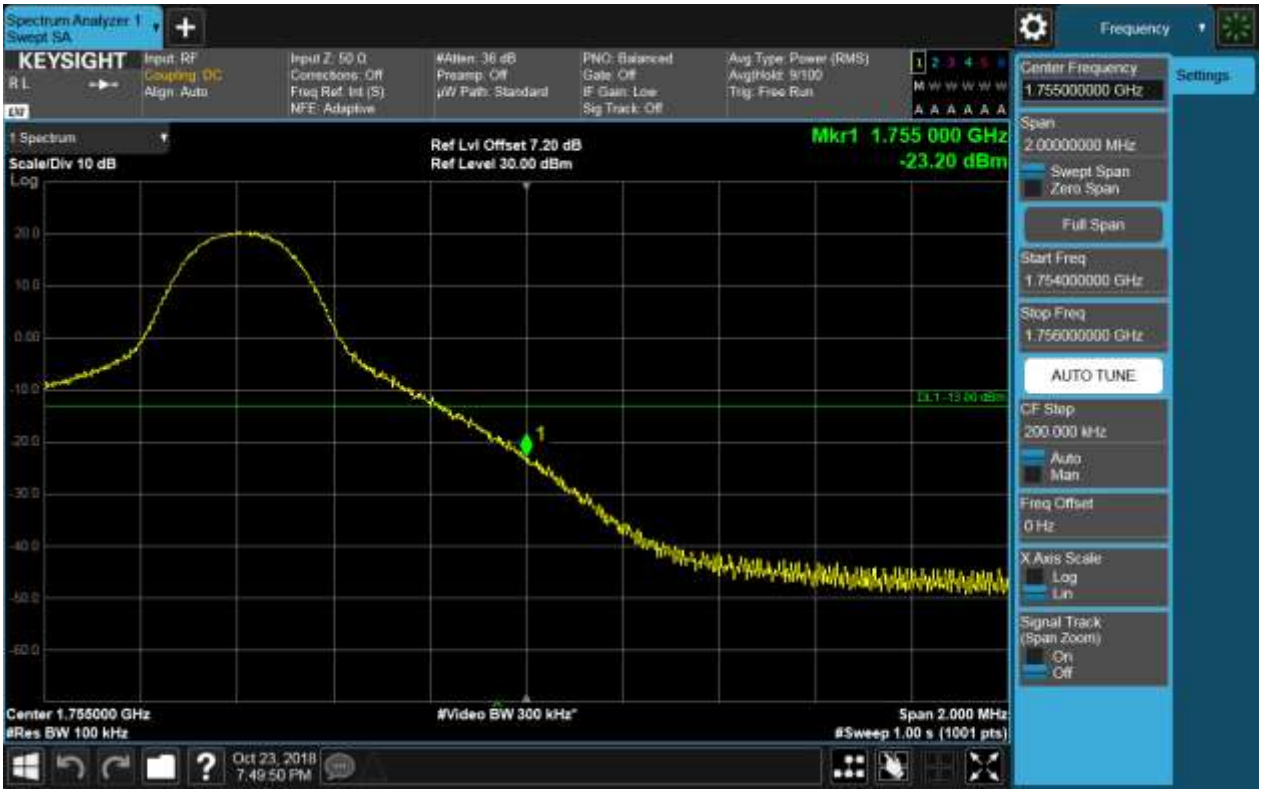
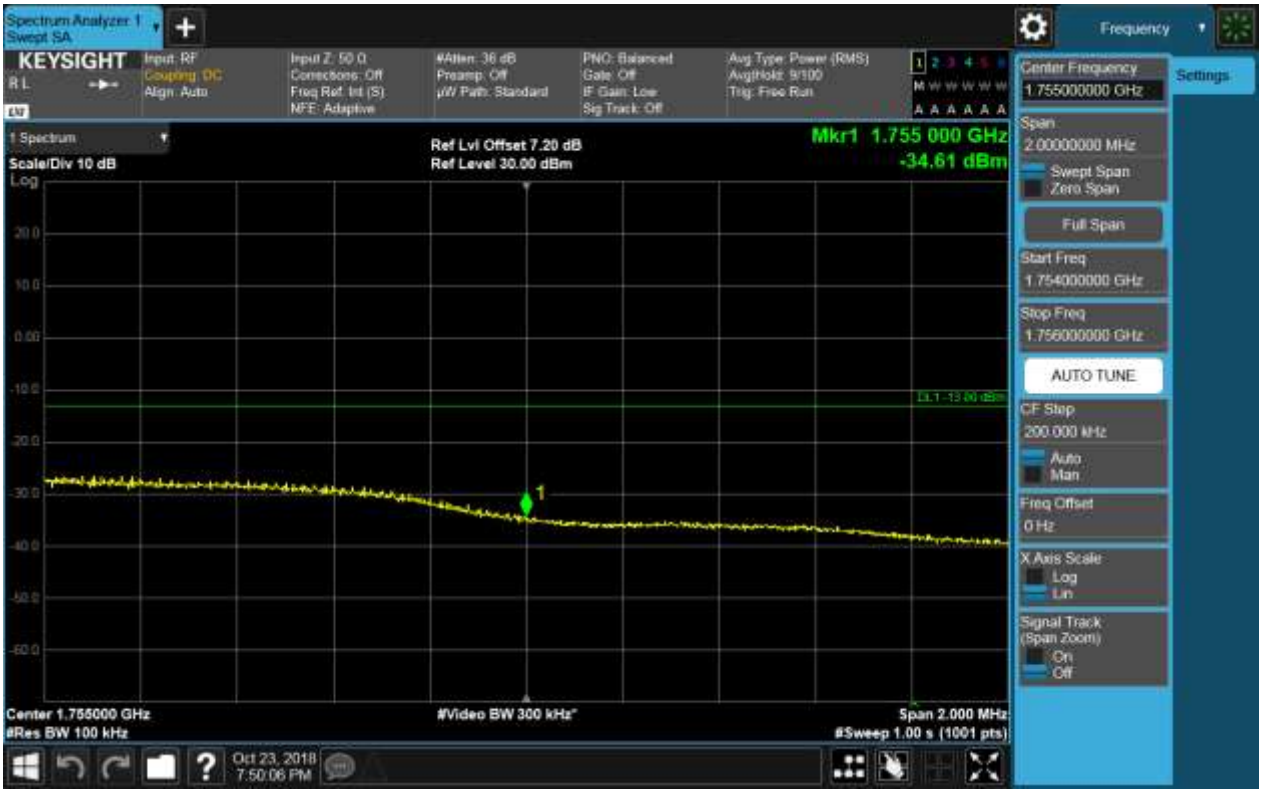
5.1.1.2.4.2.2 Test RB = RB1#49



5.1.1.2.4.2.3 Test RB = RB25#13

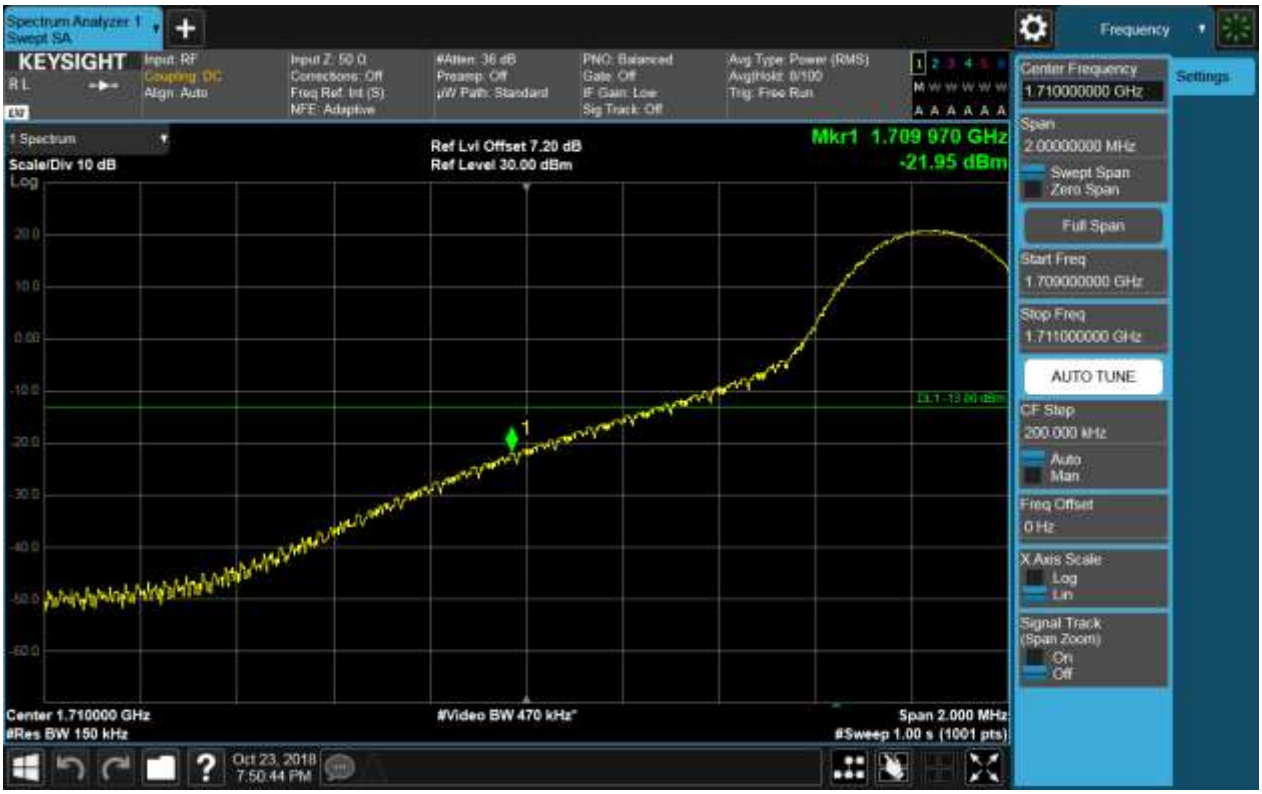


5.1.1.2.4.2.4 Test RB = RB50#0

5.1.1.2.5 Test Bandwidth = 15

5.1.1.2.5.1 Test Channel = LCH

5.1.1.2.5.1.1 Test RB = RB1#0



5.1.1.2.5.1.2 Test RB = RB1#74

5.1.1.2.5.1.3 Test RB = RB38#19

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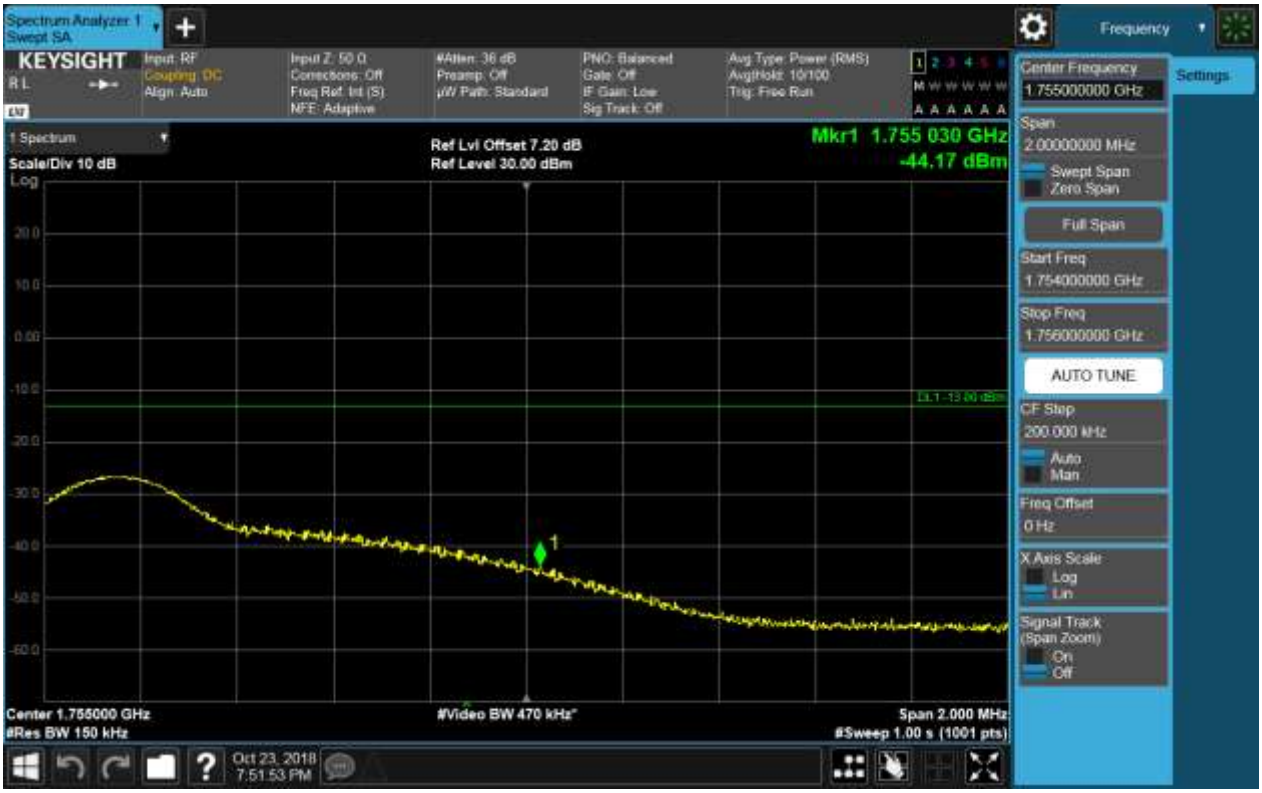
5.1.1.2.5.1.4 Test RB = RB75#0

5.1.1.2.5.2 Test Channel = HCH

5.1.1.2.5.2.1 Test RB = RB1#0



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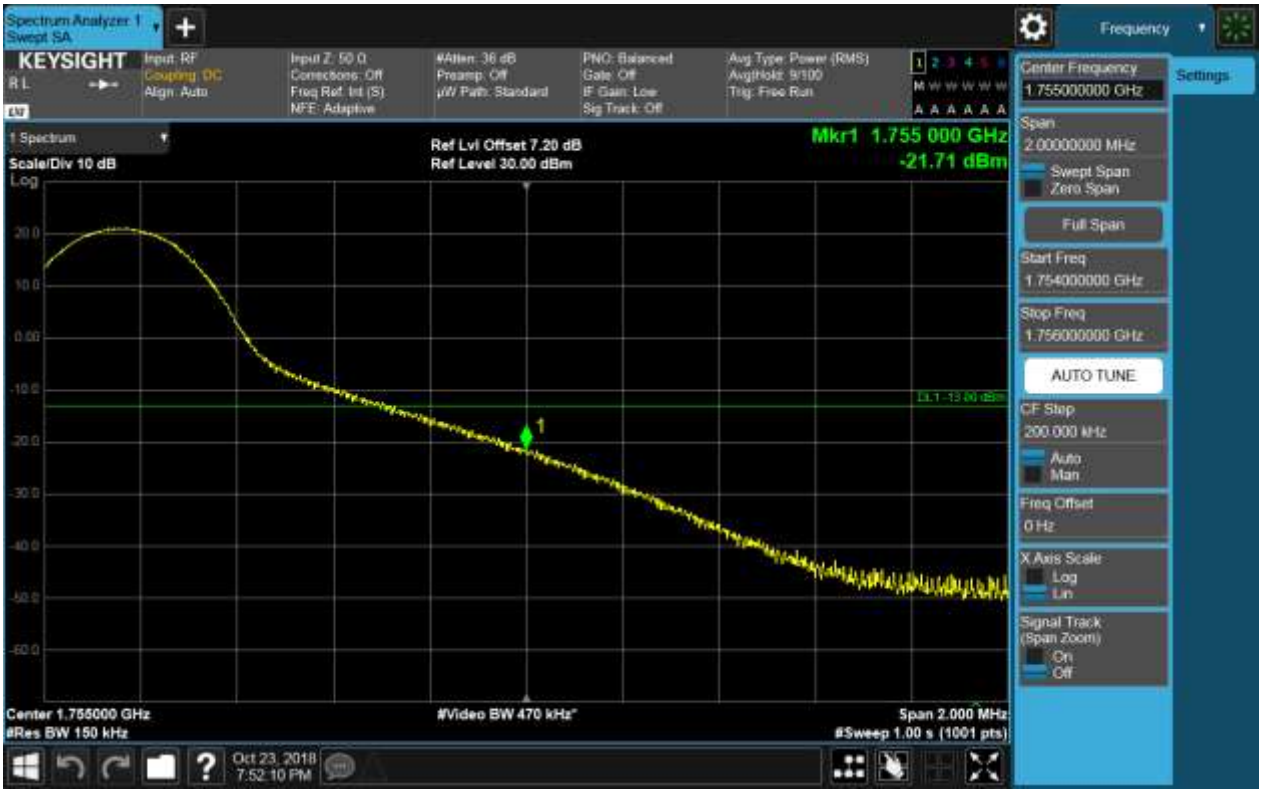
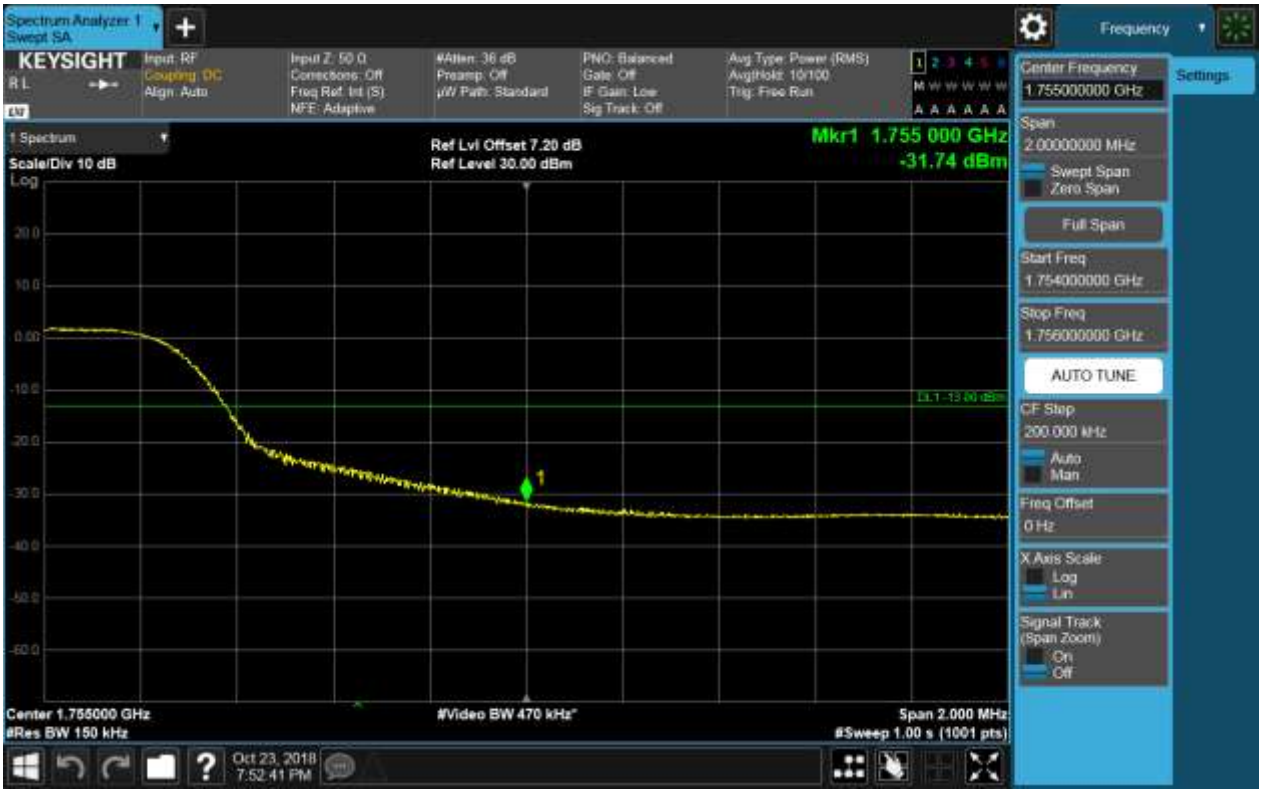
5.1.1.2.5.2.2 Test RB = RB1#74



5.1.1.2.5.2.3 Test RB = RB38#19

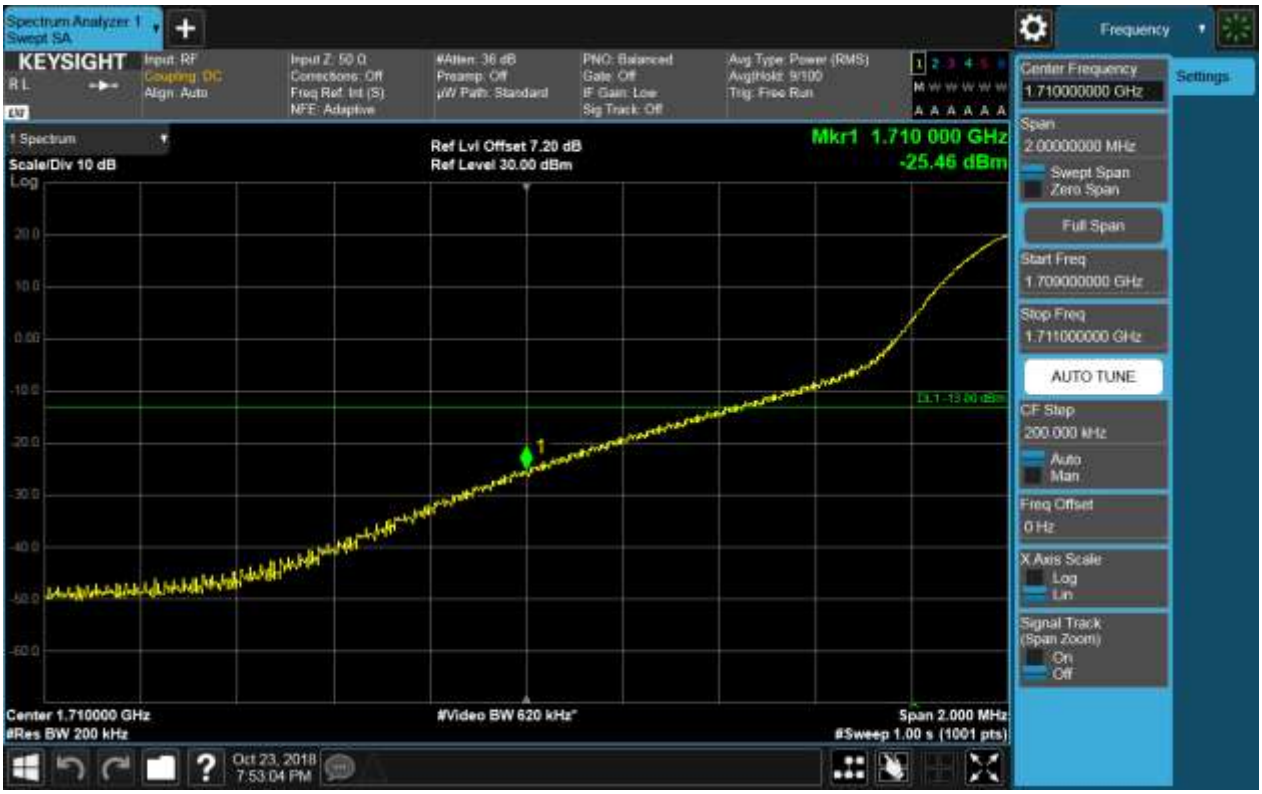
5.1.1.2.5.2.4 Test RB = RB75#0



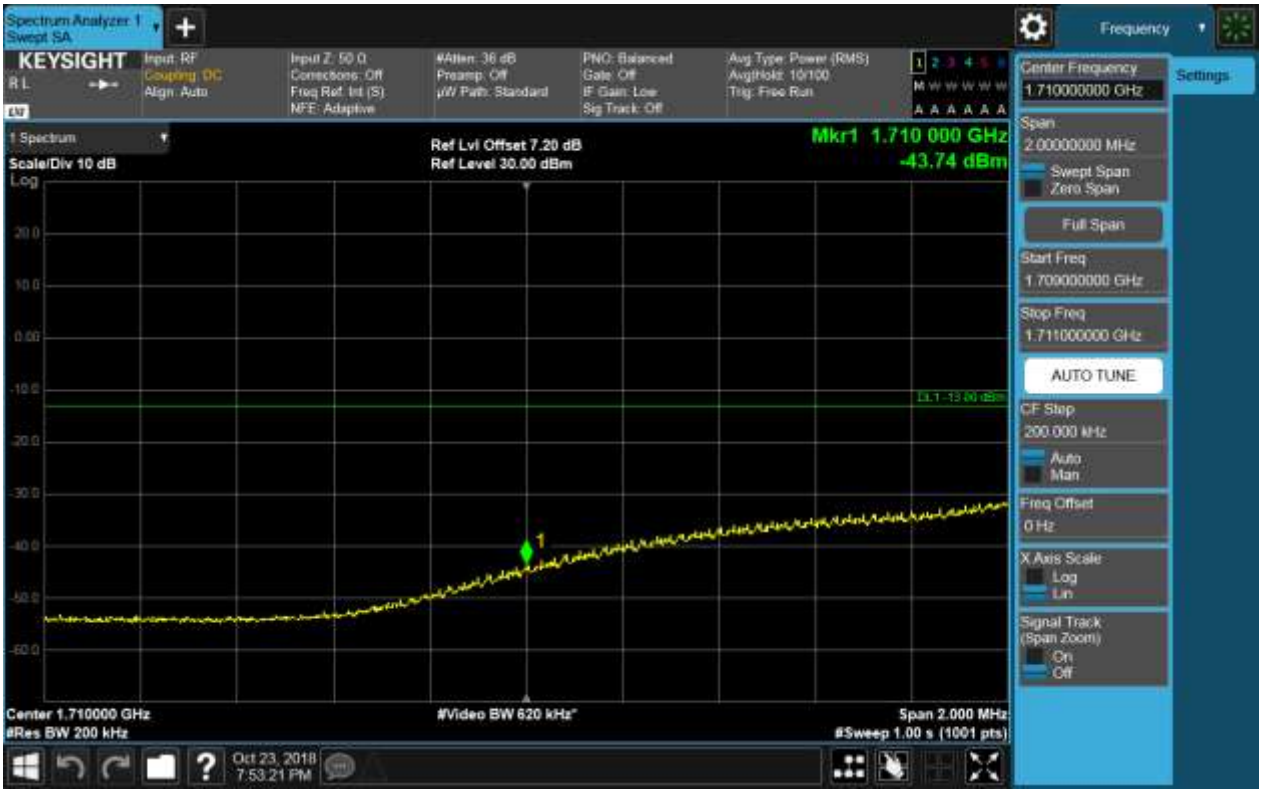
5.1.1.2.6 Test Bandwidth = 20

5.1.1.2.6.1 Test Channel = LCH

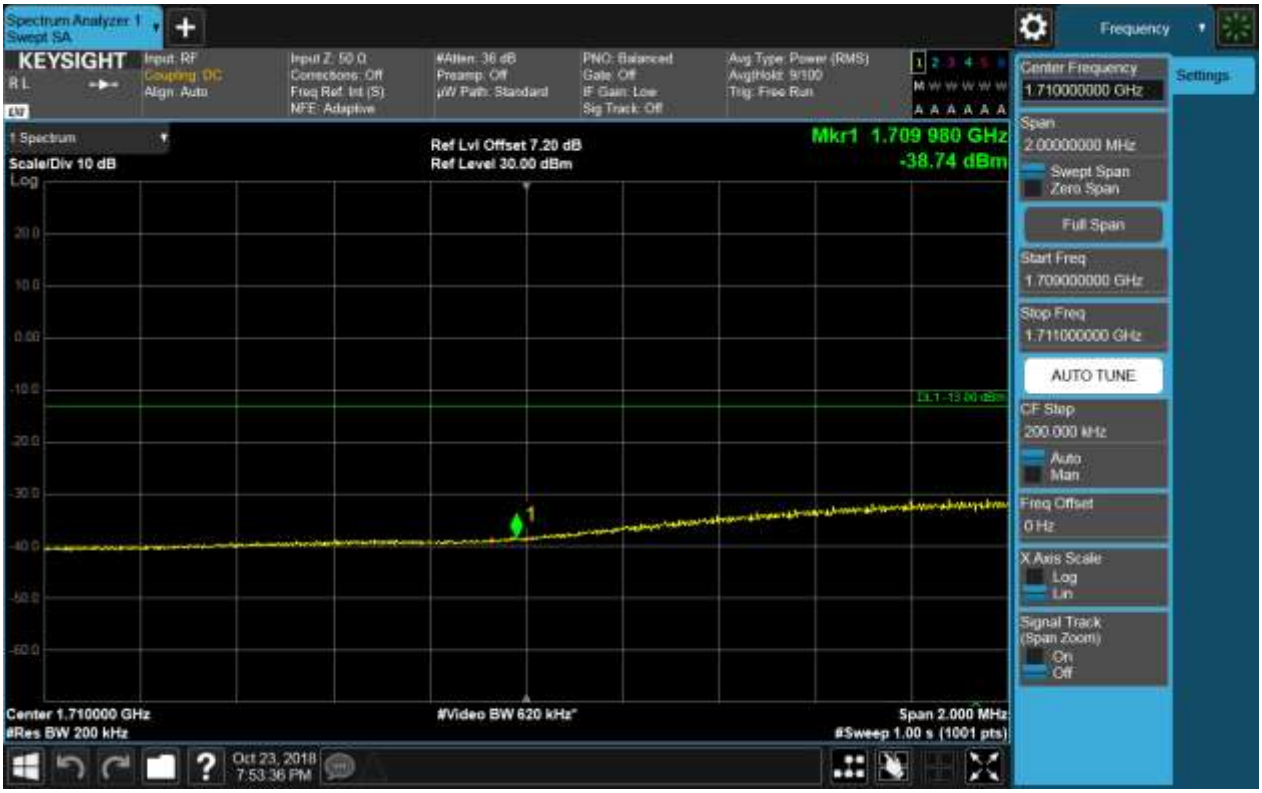
5.1.1.2.6.1.1 Test RB = RB1#0



5.1.1.2.6.1.2 Test RB = RB1#99



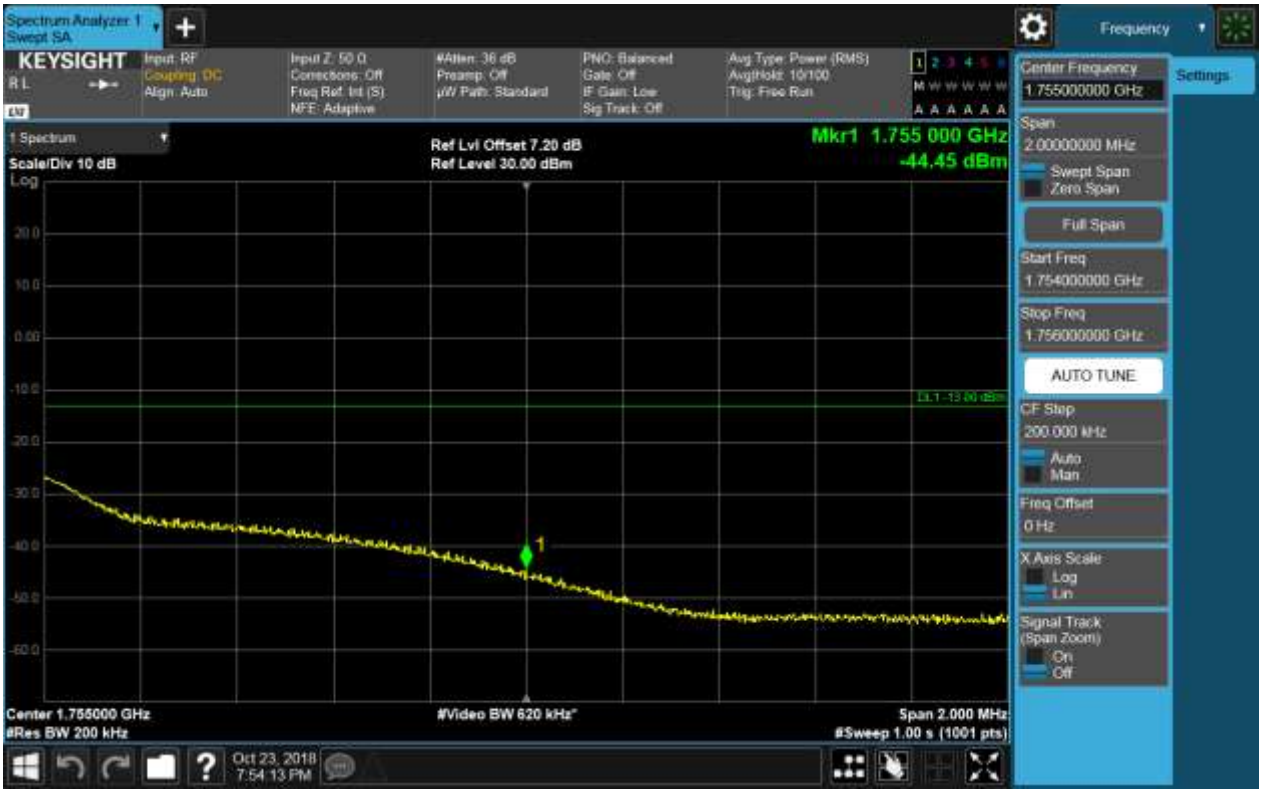
5.1.1.2.6.1.3 Test RB = RB50#25



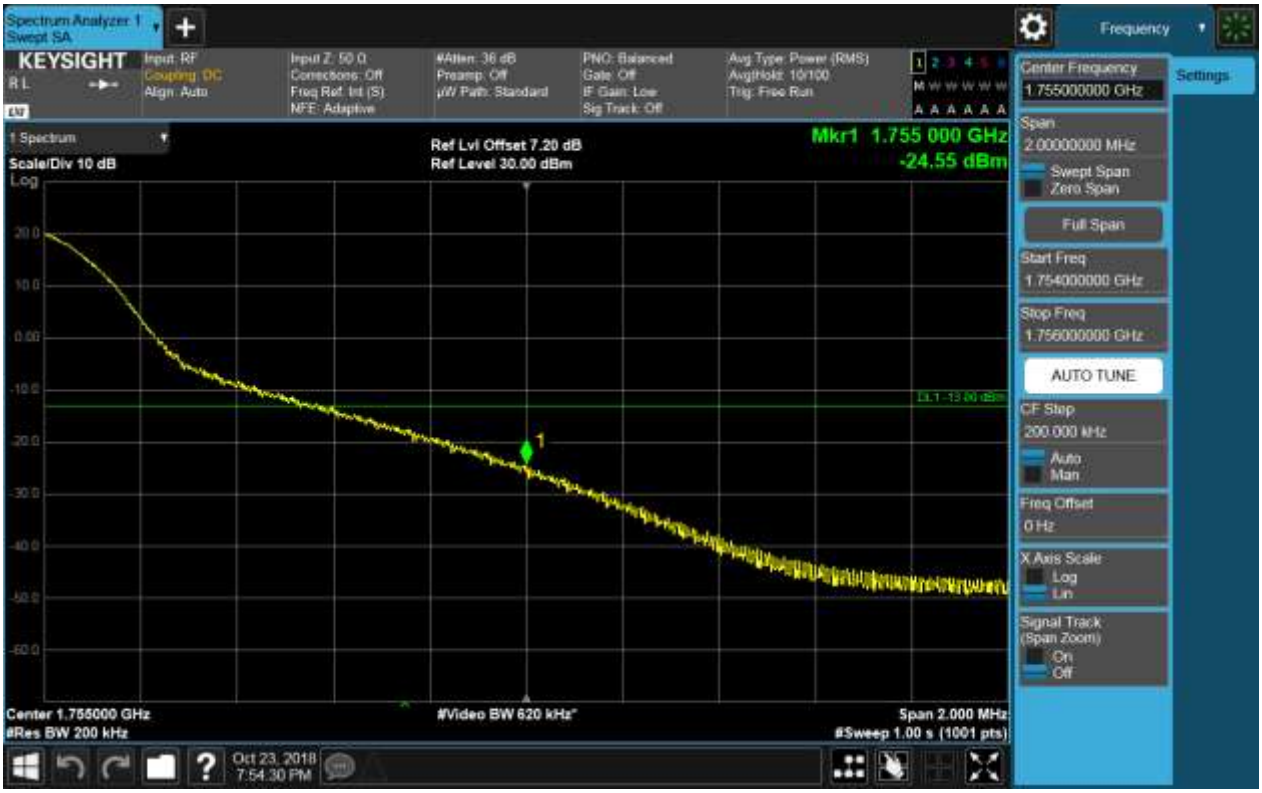
5.1.1.2.6.1.4 Test RB = RB100#0

5.1.1.2.6.2 Test Channel = HCH

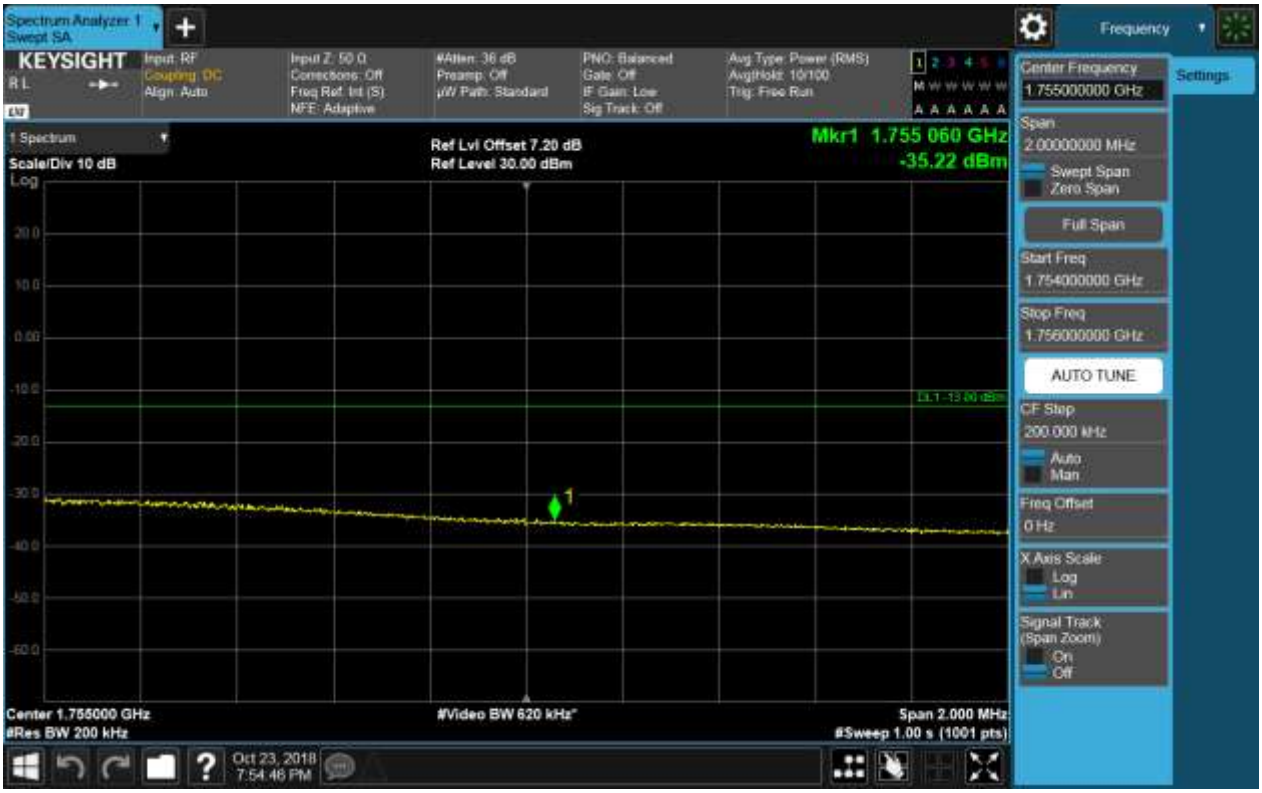
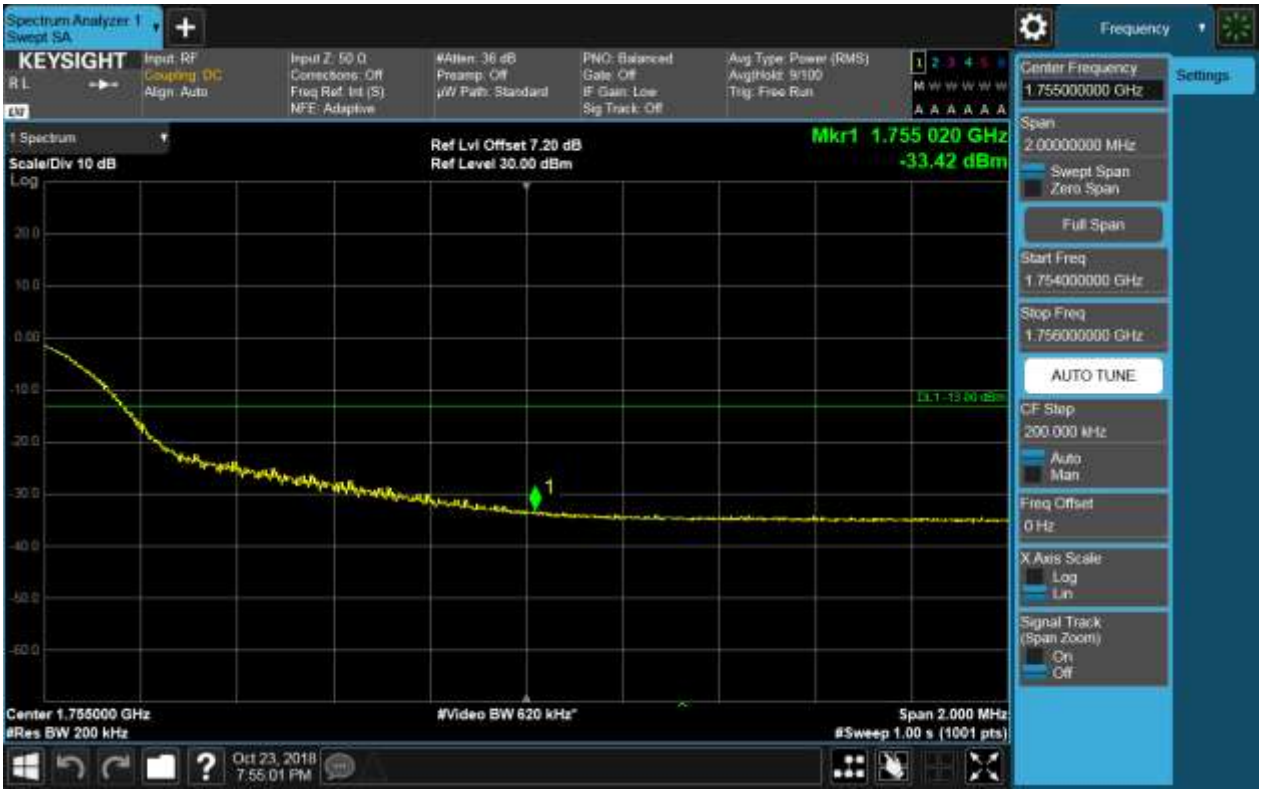
5.1.1.2.6.2.1 Test RB = RB1#0



5.1.1.2.6.2.2 Test RB = RB1#99



5.1.1.2.6.2.3 Test RB = RB50#25



5.1.1.2.6.2.4 Test RB = RB100#0