



# 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
BAND25	LTE/TM1	1.4	LCH	RB1#0	22.69	25.19	33	PASS
				RB1#3	22.57	25.07	33	PASS
				RB1#5	22.67	25.17	33	PASS
				RB3#0	22.61	25.11	33	PASS
				RB3#2	22.63	25.13	33	PASS
				RB3#3	22.58	25.08	33	PASS
				RB6#0	21.65	24.15	33	PASS
			MCH	RB1#0	22.81	25.31	33	PASS
				RB1#3	22.83	25.33	33	PASS
				RB1#5	22.77	25.27	33	PASS
				RB3#0	22.64	25.14	33	PASS
				RB3#2	22.6	25.1	33	PASS
				RB3#3	22.7	25.2	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.72	24.22	33	PASS
			HCH	RB1#0	23.8	26.3	33	PASS
				RB1#3	23.67	26.17	33	PASS
				RB1#5	23.58	26.08	33	PASS
				RB3#0	23.68	26.18	33	PASS
				RB3#2	23.58	26.08	33	PASS
				RB3#3	23.63	26.13	33	PASS
				RB6#0	22.83	25.33	33	PASS
		3		LCH	RB1#0	22.64	25.14	33
			RB1#7		22.65	25.15	33	PASS
			RB1#14		22.68	25.18	33	PASS
			RB8#0		21.66	24.16	33	PASS
			RB8#4		21.61	24.11	33	PASS
			RB8#7		21.7	24.2	33	PASS
			RB15#0		21.63	24.13	33	PASS
			MCH	RB1#0	22.78	25.28	33	PASS
				RB1#7	22.83	25.33	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#14	22.75	25.25	33	PASS	
				RB8#0	21.86	24.36	33	PASS	
				RB8#4	21.79	24.29	33	PASS	
				RB8#7	21.79	24.29	33	PASS	
				RB15#0	21.82	24.32	33	PASS	
			HCH	RB1#0	23.59	26.09	33	PASS	
				RB1#7	23.76	26.26	33	PASS	
				RB1#14	23.59	26.09	33	PASS	
				RB8#0	22.76	25.26	33	PASS	
				RB8#4	22.77	25.27	33	PASS	
				RB8#7	22.88	25.38	33	PASS	
				RB15#0	22.8	25.3	33	PASS	
			5	LCH	RB1#0	22.64	25.14	33	PASS
					RB1#13	22.59	25.09	33	PASS
					RB1#24	22.57	25.07	33	PASS
		RB12#0			21.74	24.24	33	PASS	
		RB12#6			21.72	24.22	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict			
				RB12#13	21.64	24.14	33	PASS			
				RB25#0	21.6	24.1	33	PASS			
			MCH	RB1#0	22.72	25.22	33	PASS			
				RB1#13	22.79	25.29	33	PASS			
				RB1#24	22.7	25.2	33	PASS			
				RB12#0	21.83	24.33	33	PASS			
				RB12#6	21.77	24.27	33	PASS			
				RB12#13	21.77	24.27	33	PASS			
				RB25#0	21.75	24.25	33	PASS			
				HCH	RB1#0	23.23	25.73	33	PASS		
			RB1#13		23.71	26.21	33	PASS			
			RB1#24		23.62	26.12	33	PASS			
			RB12#0		22.43	24.93	33	PASS			
			RB12#6		22.56	25.06	33	PASS			
			RB12#13		22.82	25.32	33	PASS			
							RB25#0	22.62	25.12	33	PASS
					10	LCH	RB1#0	22.63	25.13	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.67	25.17	33	PASS
				RB1#49	22.63	25.13	33	PASS
				RB25#0	21.69	24.19	33	PASS
				RB25#13	21.56	24.06	33	PASS
				RB25#25	21.58	24.08	33	PASS
				RB50#0	21.65	24.15	33	PASS
			MCH	RB1#0	22.84	25.34	33	PASS
				RB1#25	22.8	25.3	33	PASS
				RB1#49	22.66	25.16	33	PASS
				RB25#0	21.82	24.32	33	PASS
				RB25#13	21.81	24.31	33	PASS
				RB25#25	21.77	24.27	33	PASS
				RB50#0	21.74	24.24	33	PASS
			HCH	RB1#0	23.05	25.55	33	PASS
				RB1#25	23.21	25.71	33	PASS
				RB1#49	23.62	26.12	33	PASS
				RB25#0	22.1	24.6	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	22.23	24.73	33	PASS
				RB25#25	22.6	25.1	33	PASS
				RB50#0	22.3	24.8	33	PASS
		15	LCH	RB1#0	22.58	25.08	33	PASS
				RB1#38	22.68	25.18	33	PASS
				RB1#74	22.83	25.33	33	PASS
				RB38#0	21.64	24.14	33	PASS
				RB38#19	21.65	24.15	33	PASS
				RB38#39	21.61	24.11	33	PASS
				RB75#0	21.65	24.15	33	PASS
			MCH	RB1#0	22.81	25.31	33	PASS
				RB1#38	22.78	25.28	33	PASS
				RB1#74	22.71	25.21	33	PASS
				RB38#0	21.73	24.23	33	PASS
				RB38#19	21.78	24.28	33	PASS
				RB38#39	21.76	24.26	33	PASS
				RB75#0	21.72	24.22	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.96	25.46	33	PASS
				RB1#38	23.14	25.64	33	PASS
				RB1#74	23.63	26.13	33	PASS
				RB38#0	22.03	24.53	33	PASS
				RB38#19	22.15	24.65	33	PASS
				RB38#39	22.28	24.78	33	PASS
				RB75#0	22.15	24.65	33	PASS
		20	LCH	RB1#0	22.64	25.14	33	PASS
				RB1#50	22.73	25.23	33	PASS
				RB1#99	22.83	25.33	33	PASS
				RB50#0	21.67	24.17	33	PASS
				RB50#25	21.72	24.22	33	PASS
				RB50#50	21.79	24.29	33	PASS
				RB100#0	21.6	24.1	33	PASS
				MCH	RB1#0	22.81	25.31	33
RB1#50	22.76	25.26	33		PASS			
RB1#99	22.67	25.17	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.77	24.27	33	PASS
				RB50#25	21.72	24.22	33	PASS
				RB50#50	21.75	24.25	33	PASS
				RB100#0	21.81	24.31	33	PASS
			HCH	RB1#0	22.79	25.29	33	PASS
				RB1#50	23.01	25.51	33	PASS
				RB1#99	23.68	26.18	33	PASS
				RB50#0	21.85	24.35	33	PASS
				RB50#25	22.01	24.51	33	PASS
				RB50#50	22.22	24.72	33	PASS
				RB100#0	22.15	24.65	33	PASS
				LCH	RB1#0	21.56	24.06	33
			RB1#3		21.43	23.93	33	PASS
			RB1#5		21.55	24.05	33	PASS
RB3#0	21.5	24	33		PASS			
RB3#2	21.44	23.94	33		PASS			
RB3#3	21.48	23.98	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.47	22.97	33	PASS
			MCH	RB1#0	21.64	24.14	33	PASS
				RB1#3	21.71	24.21	33	PASS
				RB1#5	21.6	24.1	33	PASS
				RB3#0	21.54	24.04	33	PASS
				RB3#2	21.58	24.08	33	PASS
				RB3#3	21.62	24.12	33	PASS
				RB6#0	20.65	23.15	33	PASS
				HCH	RB1#0	22.69	25.19	33
			RB1#3		22.66	25.16	33	PASS
			RB1#5		22.72	25.22	33	PASS
			RB3#0		22.63	25.13	33	PASS
			RB3#2		22.54	25.04	33	PASS
			RB3#3		22.59	25.09	33	PASS
			RB6#0		21.8	24.3	33	PASS
		3	LCH		RB1#0	21.51	24.01	33
				RB1#7	21.44	23.94	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	21.45	23.95	33	PASS
				RB8#0	20.67	23.17	33	PASS
				RB8#4	20.73	23.23	33	PASS
				RB8#7	20.65	23.15	33	PASS
				RB15#0	20.68	23.18	33	PASS
			MCH	RB1#0	21.66	24.16	33	PASS
			MCH	RB1#7	21.66	24.16	33	PASS
			MCH	RB1#14	21.61	24.11	33	PASS
			MCH	RB8#0	20.73	23.23	33	PASS
			MCH	RB8#4	20.71	23.21	33	PASS
			MCH	RB8#7	20.88	23.38	33	PASS
			MCH	RB15#0	20.76	23.26	33	PASS
			HCH	RB1#0	22.45	24.95	33	PASS
			HCH	RB1#7	22.65	25.15	33	PASS
			HCH	RB1#14	22.63	25.13	33	PASS
			HCH	RB8#0	21.82	24.32	33	PASS
			HCH	RB8#4	21.89	24.39	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#7	21.94	24.44	33	PASS	
				RB15#0	21.86	24.36	33	PASS	
		5	LCH	RB1#0	21.59	24.09	33	PASS	
				RB1#13	21.62	24.12	33	PASS	
				RB1#24	21.5	24	33	PASS	
				RB12#0	20.63	23.13	33	PASS	
				RB12#6	20.73	23.23	33	PASS	
				RB12#13	20.66	23.16	33	PASS	
				RB25#0	20.67	23.17	33	PASS	
				MCH	RB1#0	21.71	24.21	33	PASS
					RB1#13	21.76	24.26	33	PASS
					RB1#24	21.68	24.18	33	PASS
					RB12#0	20.91	23.41	33	PASS
					RB12#6	20.9	23.4	33	PASS
					RB12#13	20.87	23.37	33	PASS
RB25#0	20.79	23.29	33		PASS				
HCH	RB1#0	22.21	24.71	33	PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	22.68	25.18	33	PASS
				RB1#24	22.86	25.36	33	PASS
				RB12#0	21.46	23.96	33	PASS
				RB12#6	21.67	24.17	33	PASS
				RB12#13	21.98	24.48	33	PASS
				RB25#0	21.77	24.27	33	PASS
		10	LCH	RB1#0	21.44	23.94	33	PASS
				RB1#25	21.6	24.1	33	PASS
				RB1#49	21.44	23.94	33	PASS
				RB25#0	20.82	23.32	33	PASS
				RB25#13	20.72	23.22	33	PASS
				RB25#25	20.75	23.25	33	PASS
				RB50#0	20.74	23.24	33	PASS
				MCH	RB1#0	21.63	24.13	33
		RB1#25	21.71		24.21	33	PASS	
		RB1#49	21.54		24.04	33	PASS	
RB25#0	21.02	23.52	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	20.99	23.49	33	PASS
				RB25#25	20.93	23.43	33	PASS
				RB50#0	20.92	23.42	33	PASS
			HCH	RB1#0	21.97	24.47	33	PASS
				RB1#25	22.14	24.64	33	PASS
				RB1#49	22.66	25.16	33	PASS
				RB25#0	21.43	23.93	33	PASS
				RB25#13	21.41	23.91	33	PASS
				RB25#25	21.79	24.29	33	PASS
		RB50#0	21.35	23.85	33	PASS		
		15	LCH	RB1#0	21.49	23.99	33	PASS
				RB1#38	21.59	24.09	33	PASS
				RB1#74	21.72	24.22	33	PASS
				RB38#0	20.72	23.22	33	PASS
				RB38#19	20.8	23.3	33	PASS
RB38#39	20.74			23.24	33	PASS		
			RB75#0	20.85	23.35	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.63	24.13	33	PASS
				RB1#38	21.59	24.09	33	PASS
				RB1#74	21.5	24	33	PASS
				RB38#0	20.72	23.22	33	PASS
				RB38#19	20.9	23.4	33	PASS
				RB38#39	20.82	23.32	33	PASS
				RB75#0	20.86	23.36	33	PASS
			HCH	RB1#0	21.82	24.32	33	PASS
				RB1#38	21.98	24.48	33	PASS
				RB1#74	22.66	25.16	33	PASS
				RB38#0	21.18	23.68	33	PASS
				RB38#19	21.22	23.72	33	PASS
				RB38#39	21.38	23.88	33	PASS
				RB75#0	21.41	23.91	33	PASS
		20	LCH	RB1#0	21.57	24.07	33	PASS
RB1#50	21.55			24.05	33	PASS		
RB1#99	21.78			24.28	33	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.74	23.24	33	PASS
				RB50#25	20.75	23.25	33	PASS
				RB50#50	20.79	23.29	33	PASS
				RB100#0	20.74	23.24	33	PASS
			MCH	RB1#0	21.75	24.25	33	PASS
			MCH	RB1#50	21.71	24.21	33	PASS
			MCH	RB1#99	21.64	24.14	33	PASS
			MCH	RB50#0	20.95	23.45	33	PASS
			MCH	RB50#25	20.84	23.34	33	PASS
			MCH	RB50#50	20.83	23.33	33	PASS
			MCH	RB100#0	20.81	23.31	33	PASS
			HCH	RB1#0	21.64	24.14	33	PASS
			HCH	RB1#50	21.97	24.47	33	PASS
			HCH	RB1#99	22.71	25.21	33	PASS
			HCH	RB50#0	20.98	23.48	33	PASS
			HCH	RB50#25	21.1	23.6	33	PASS
			HCH	RB50#50	21.32	23.82	33	PASS





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.25	23.75	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: RBW > emission bandwidth, VBW > 3 x RBW.

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
BAND25	LTE/TM1	1.4	LCH	RB1#0	4	13	PASS
				RB1#3	3.77	13	PASS
				RB1#5	3.89	13	PASS
				RB3#0	4.28	13	PASS
				RB3#2	4.26	13	PASS
				RB3#3	4.4	13	PASS
				RB6#0	5.7	13	PASS
			MCH	RB1#0	4.86	13	PASS
				RB1#3	4.66	13	PASS
				RB1#5	4.71	13	PASS
				RB3#0	5.64	13	PASS
				RB3#2	5.58	13	PASS
				RB3#3	5.78	13	PASS
				RB6#0	6.38	13	PASS
		HCH	RB1#0	3.29	13	PASS	
			RB1#3	3.37	13	PASS	
			RB1#5	3.37	13	PASS	
			RB3#0	3.91	13	PASS	
			RB3#2	3.83	13	PASS	
			RB3#3	4.02	13	PASS	
			RB6#0	5.2	13	PASS	
		3	LCH	RB1#0	3.88	13	PASS
				RB1#7	3.69	13	PASS
				RB1#14	3.65	13	PASS
				RB8#0	5.05	13	PASS
				RB8#4	4.95	13	PASS
				RB8#7	4.95	13	PASS
				RB15#0	5.63	13	PASS
MCH	RB1#0		4.94	13	PASS		
RB1#7	4.66	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#14	4.8	13	PASS			
				RB8#0	5.98	13	PASS			
				RB8#4	5.99	13	PASS			
				RB8#7	5.8	13	PASS			
				RB15#0	5.9	13	PASS			
			HCH	RB1#0	3.68	13	PASS			
				RB1#7	3.21	13	PASS			
				RB1#14	3.37	13	PASS			
				RB8#0	4.88	13	PASS			
				RB8#4	4.76	13	PASS			
				RB8#7	4.83	13	PASS			
						LCH	RB1#0	3.81	13	PASS
							RB1#13	3.52	13	PASS
							RB1#24	3.7	13	PASS
		RB12#0					4.89	13	PASS	
		RB12#6					4.71	13	PASS	
		RB12#13					4.85	13	PASS	
		RB25#0					5.6	13	PASS	
		MCH	RB1#0	4.94	13	PASS				
			RB1#13	4.61	13	PASS				
			RB1#24	4.69	13	PASS				
			RB12#0	5.83	13	PASS				
			RB12#6	5.75	13	PASS				
			RB12#13	5.74	13	PASS				
			RB25#0	6.5	13	PASS				
		HCH	RB1#0	4.36	13	PASS				
			RB1#13	3.37	13	PASS				
			RB1#24	3.33	13	PASS				
			RB12#0	5.22	13	PASS				
			RB12#6	4.68	13	PASS				
			RB12#13	4.72	13	PASS				
			RB25#0	5.77	13	PASS				
		10			LCH	RB1#0	3.93	13	PASS	
						RB1#25	3.63	13	PASS	
						RB1#49	4.07	13	PASS	
						RB25#0	5.03	13	PASS	
RB25#13	4.92					13	PASS			
RB25#25	5.1					13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.49	13	PASS
			MCH	RB1#0	5.22	13	PASS
				RB1#25	4.74	13	PASS
				RB1#49	4.73	13	PASS
				RB25#0	6.41	13	PASS
				RB25#13	6.22	13	PASS
				RB25#25	6.27	13	PASS
				RB50#0	6.36	13	PASS
			HCH	RB1#0	5.22	13	PASS
				RB1#25	4.2	13	PASS
				RB1#49	3.29	13	PASS
				RB25#0	6.2	13	PASS
				RB25#13	5.74	13	PASS
				RB25#25	5.08	13	PASS
		15	LCH	RB1#0	3.88	13	PASS
				RB1#38	3.66	13	PASS
				RB1#74	4.68	13	PASS
				RB38#0	5	13	PASS
				RB38#19	5.08	13	PASS
				RB38#39	5.54	13	PASS
				RB75#0	5.78	13	PASS
			MCH	RB1#0	5.43	13	PASS
				RB1#38	4.74	13	PASS
				RB1#74	4.44	13	PASS
				RB38#0	6.56	13	PASS
				RB38#19	6.27	13	PASS
				RB38#39	6.26	13	PASS
				RB75#0	6.6	13	PASS
		HCH	RB1#0	4.89	13	PASS	
			RB1#38	4.86	13	PASS	
			RB1#74	3.25	13	PASS	
			RB38#0	6.52	13	PASS	
			RB38#19	6.23	13	PASS	
			RB38#39	5.57	13	PASS	
			RB75#0	6.21	13	PASS	
		20	LCH	RB1#0	3.88	13	PASS
				RB1#50	3.93	13	PASS
				RB1#99	5.28	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.19	13	PASS
				RB50#25	5.32	13	PASS
				RB50#50	6.02	13	PASS
				RB100#0	5.79	13	PASS
			MCH	RB1#0	5.55	13	PASS
				RB1#50	4.72	13	PASS
				RB1#99	4.5	13	PASS
				RB50#0	6.53	13	PASS
				RB50#25	6.26	13	PASS
				RB50#50	6.14	13	PASS
			HCH	RB100#0	6.5	13	PASS
				RB1#0	4.49	13	PASS
				RB1#50	5.11	13	PASS
				RB1#99	3.26	13	PASS
				RB50#0	6.21	13	PASS
				RB50#25	6.35	13	PASS
	LTE/TM2	1.4	LCH	RB50#50	5.74	13	PASS
				RB100#0	6.2	13	PASS
				RB1#0	4.71	13	PASS
				RB1#3	4.52	13	PASS
				RB1#5	4.66	13	PASS
				RB3#0	5.18	13	PASS
				RB3#2	5.11	13	PASS
			MCH	RB3#3	5.46	13	PASS
				RB6#0	6.43	13	PASS
				RB1#0	5.86	13	PASS
				RB1#3	5.78	13	PASS
				RB1#5	5.79	13	PASS
				RB3#0	5.9	13	PASS
				RB3#2	5.88	13	PASS
			HCH	RB3#3	6.12	13	PASS
				RB6#0	6.57	13	PASS
RB1#0	4.31	13		PASS			
RB1#3	4.24	13		PASS			
RB1#5	4.12	13		PASS			
RB3#0	4.67	13		PASS			
RB3#2	4.67	13		PASS			
	RB3#3	4.8	13	PASS			
	RB6#0	5.66	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	4.86	13	PASS
				RB1#7	4.64	13	PASS
				RB1#14	4.68	13	PASS
				RB8#0	6.23	13	PASS
				RB8#4	5.95	13	PASS
				RB8#7	5.89	13	PASS
				RB15#0	6.35	13	PASS
			MCH	RB1#0	5.72	13	PASS
				RB1#7	5.49	13	PASS
				RB1#14	5.66	13	PASS
				RB8#0	6.72	13	PASS
				RB8#4	6.61	13	PASS
				RB8#7	6.73	13	PASS
				RB15#0	6.77	13	PASS
			HCH	RB1#0	4.7	13	PASS
				RB1#7	4.32	13	PASS
				RB1#14	4.16	13	PASS
				RB8#0	5.55	13	PASS
		RB8#4		5.3	13	PASS	
		RB8#7		5.36	13	PASS	
		5	LCH	RB1#0	4.9	13	PASS
				RB1#13	4.59	13	PASS
				RB1#24	4.72	13	PASS
				RB12#0	5.8	13	PASS
				RB12#6	5.53	13	PASS
				RB12#13	5.71	13	PASS
			MCH	RB25#0	6.42	13	PASS
				RB1#0	5.89	13	PASS
				RB1#13	5.52	13	PASS
				RB1#24	5.58	13	PASS
RB12#0	6.75			13	PASS		
RB12#6	6.55			13	PASS		
HCH	RB12#13	6.63	13	PASS			
	RB25#0	7.31	13	PASS			
	RB1#0	5.2	13	PASS			
	RB1#13	4.22	13	PASS			
				RB1#24	4.25	13	PASS
				RB12#0	5.93	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	5.46	13	PASS
				RB12#13	5.2	13	PASS
				RB25#0	6.33	13	PASS
			LCH	RB1#0	4.74	13	PASS
				RB1#25	4.37	13	PASS
				RB1#49	4.78	13	PASS
				RB25#0	5.97	13	PASS
				RB25#13	5.71	13	PASS
				RB25#25	5.98	13	PASS
		RB50#0		6.54	13	PASS	
		MCH	RB1#0	5.78	13	PASS	
			RB1#25	5.32	13	PASS	
			RB1#49	5.36	13	PASS	
			RB25#0	7.09	13	PASS	
			RB25#13	6.9	13	PASS	
			RB25#25	6.96	13	PASS	
		HCH	RB50#0	7.29	13	PASS	
			RB1#0	5.76	13	PASS	
			RB1#25	4.89	13	PASS	
			RB1#49	3.75	13	PASS	
			RB25#0	6.98	13	PASS	
			RB25#13	6.45	13	PASS	
		15	LCH	RB25#25	5.74	13	PASS
				RB50#0	6.96	13	PASS
				RB1#0	4.71	13	PASS
				RB1#38	4.49	13	PASS
				RB1#74	5.47	13	PASS
				RB38#0	6.09	13	PASS
				RB38#19	5.97	13	PASS
			MCH	RB38#39	6.48	13	PASS
RB75#0	6.46			13	PASS		
RB1#0	6			13	PASS		
RB1#38	5.39			13	PASS		
RB1#74	5.25			13	PASS		
RB38#0	7.49			13	PASS		
RB38#19	7.05			13	PASS		
HCH	RB38#39		7.04	13	PASS		
RB75#0	7.19	13	PASS				
HCH	RB1#0	5.6	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB1#38	5.48	13	PASS		
				RB1#74	3.8	13	PASS		
				RB38#0	7.39	13	PASS		
				RB38#19	7.09	13	PASS		
				RB38#39	6.46	13	PASS		
				RB75#0	7.02	13	PASS		
				20	LCH	RB1#0	4.63	13	PASS
						RB1#50	4.79	13	PASS
						RB1#99	6.02	13	PASS
						RB50#0	6.03	13	PASS
						RB50#25	6.19	13	PASS
						RB50#50	6.97	13	PASS
		RB100#0	6.69			13	PASS		
		MCH	RB1#0			6.12	13	PASS	
			RB1#50			5.38	13	PASS	
			RB1#99			5.25	13	PASS	
			RB50#0			7.57	13	PASS	
			RB50#25			7.07	13	PASS	
			RB50#50	6.92	13	PASS			
		HCH	RB100#0	7.4	13	PASS			
			RB1#0	5.28	13	PASS			
			RB1#50	5.65	13	PASS			
			RB1#99	3.79	13	PASS			
			RB50#0	7.01	13	PASS			
			RB50#25	7.2	13	PASS			
						RB50#50	6.64	13	PASS
						RB100#0	7.13	13	PASS



## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

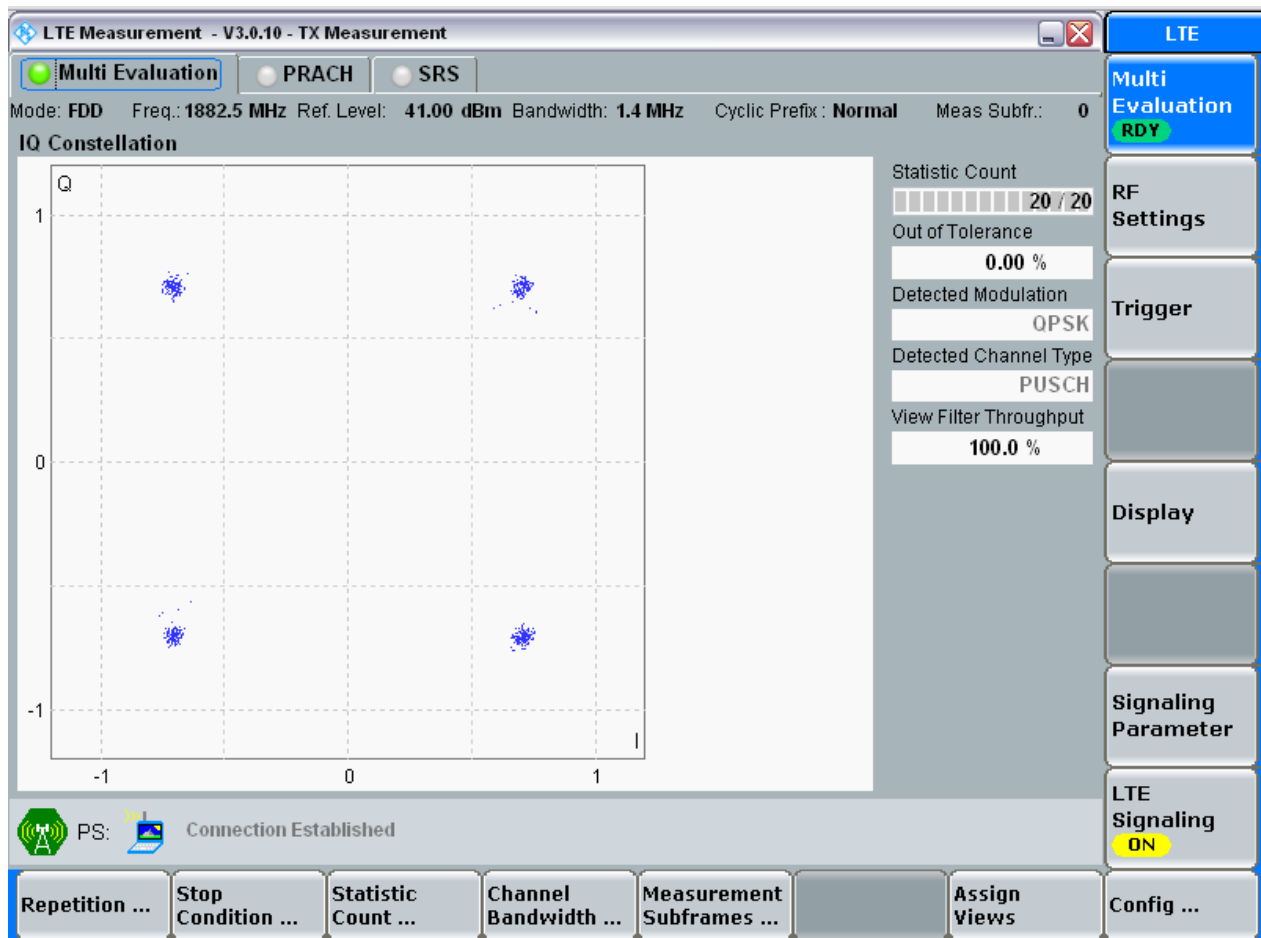
##### 3.1.1 Test Band = BAND25

##### 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

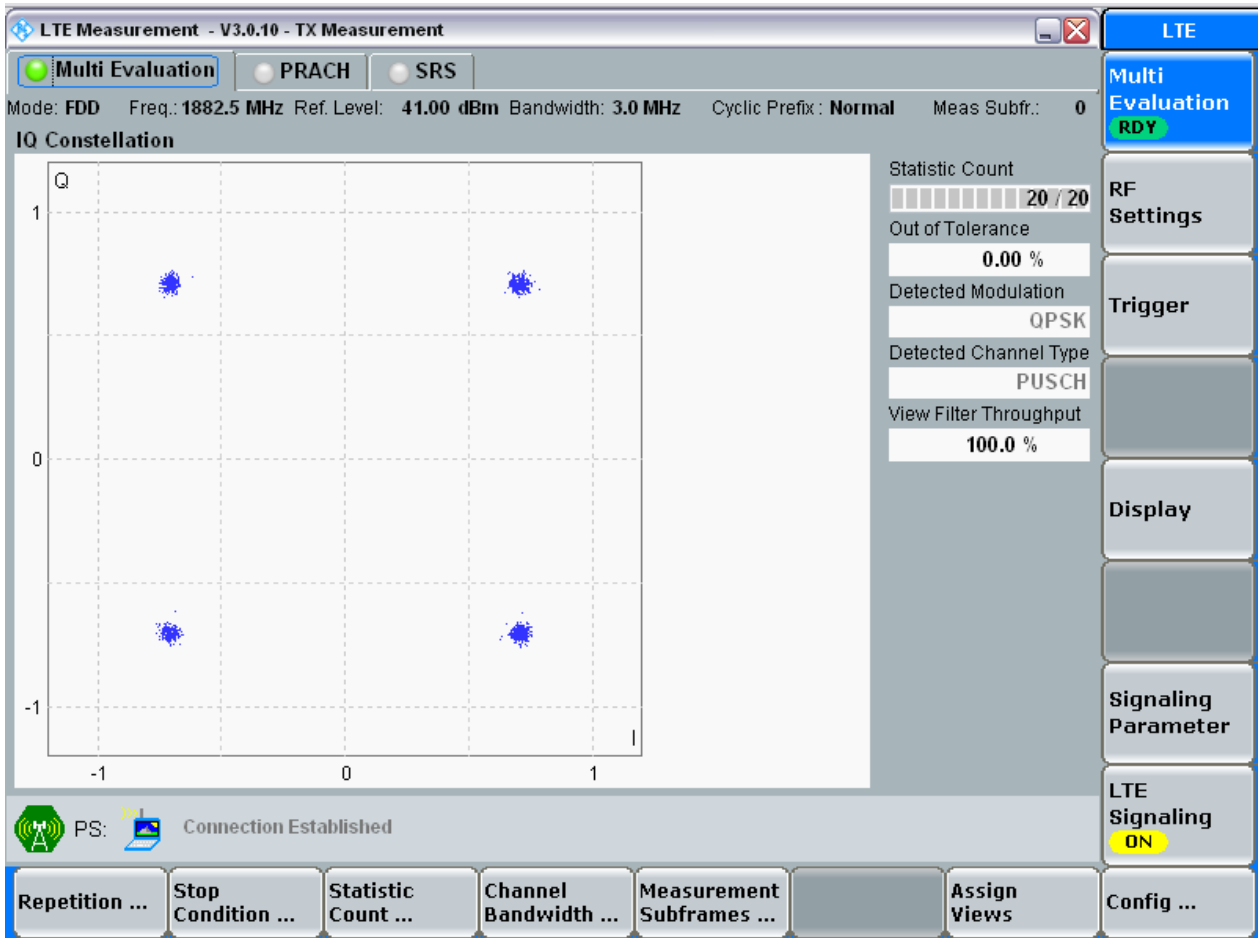
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

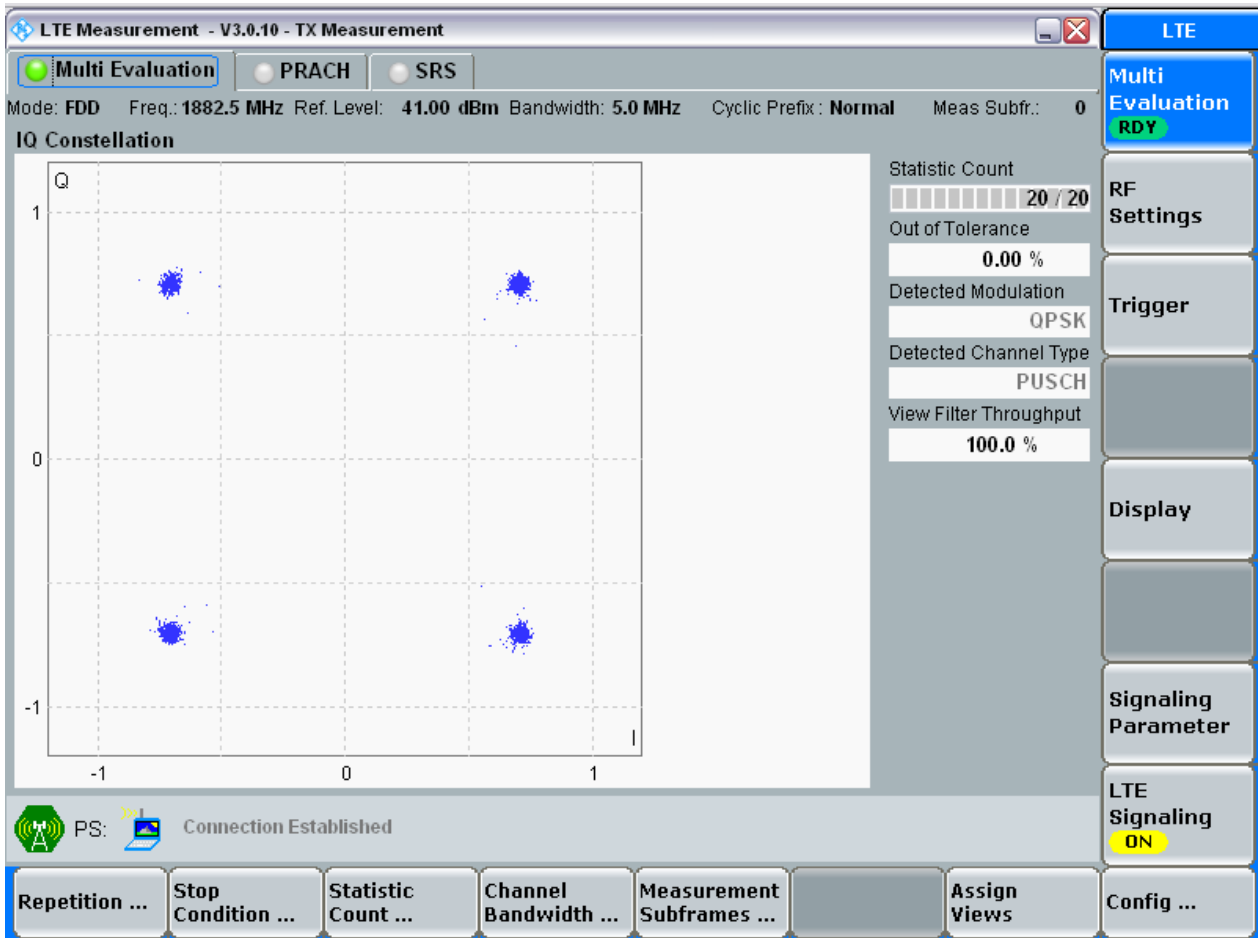
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

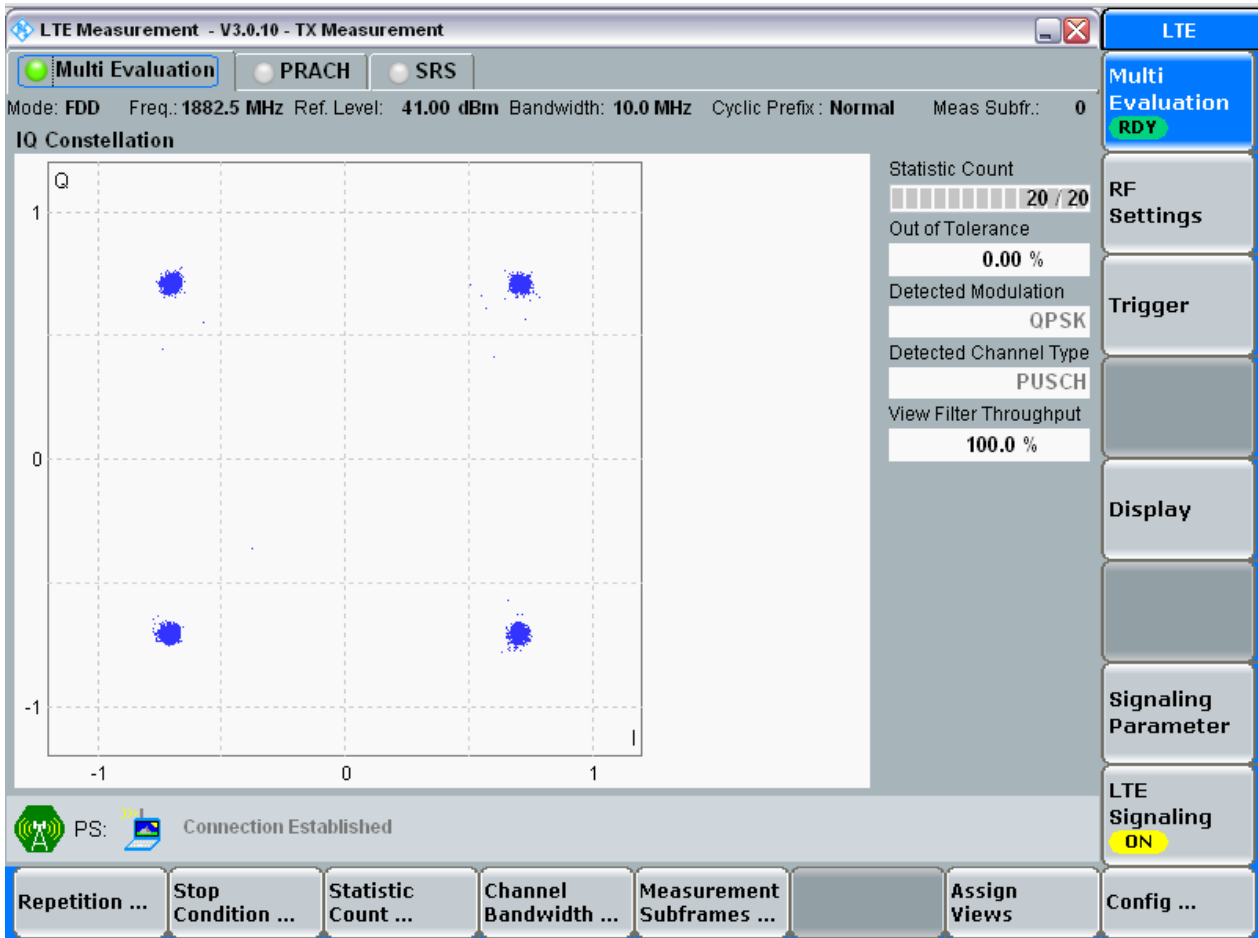
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

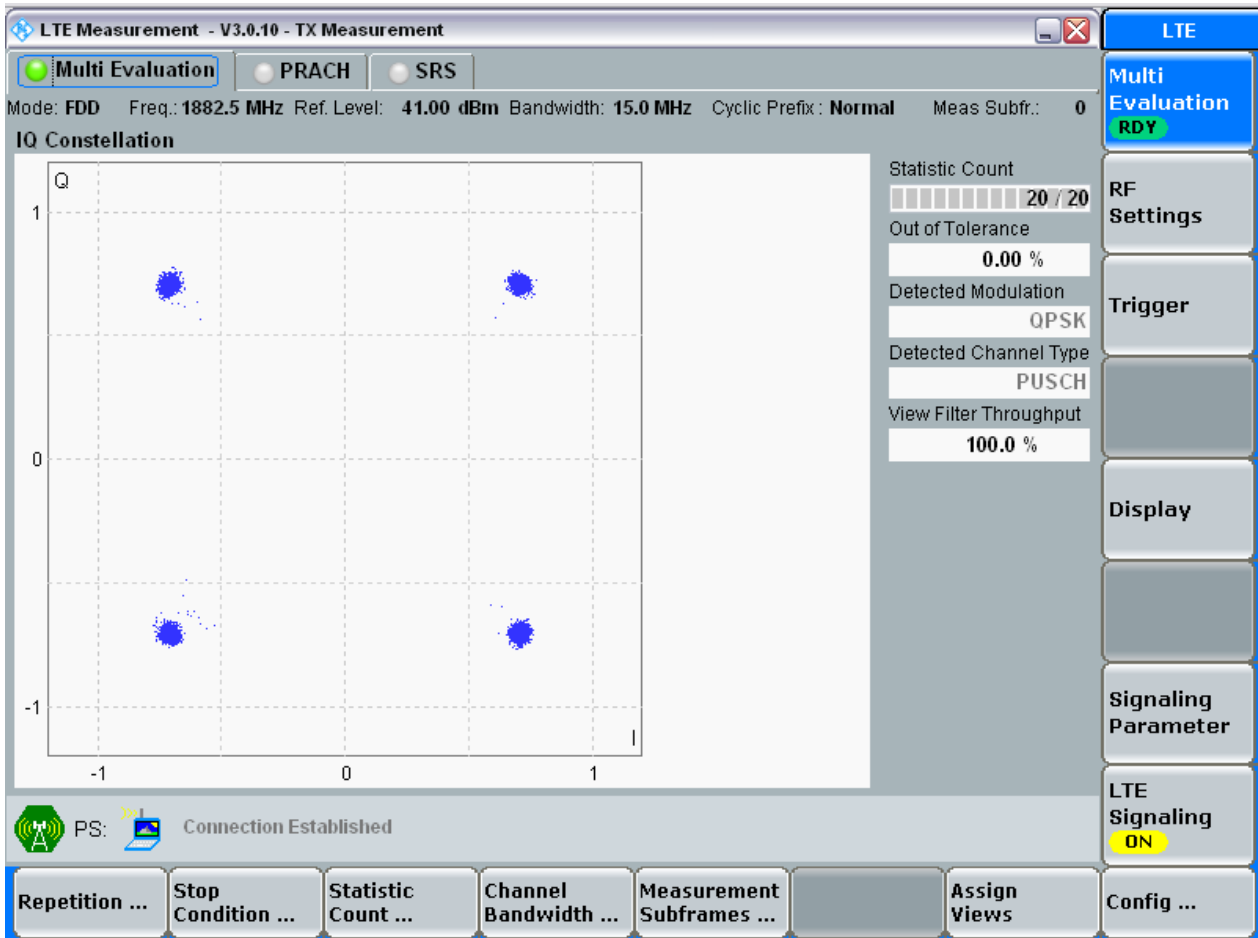
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

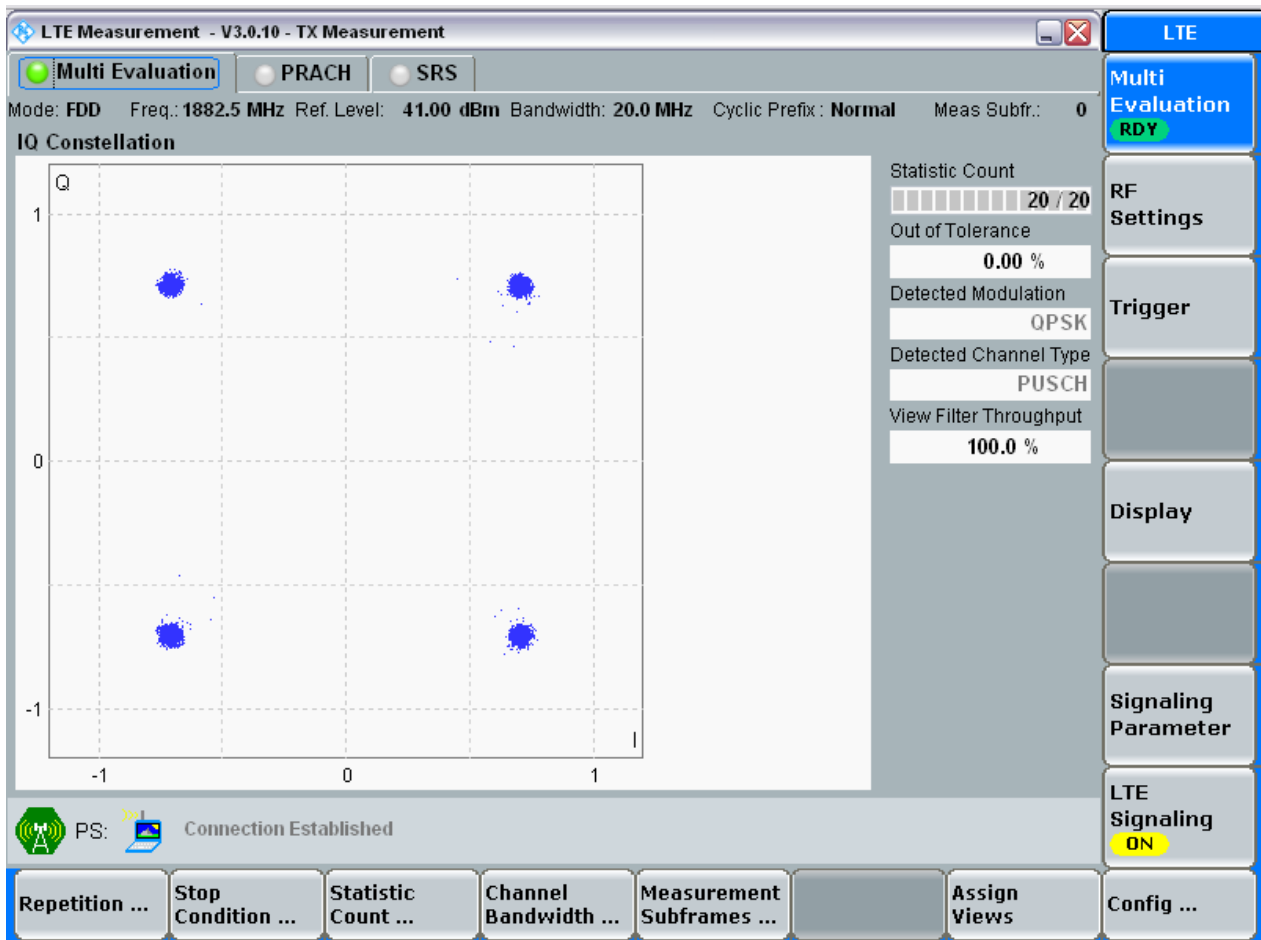
##### 3.1.1.1.5.1.1 Test RB = RB75#0



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

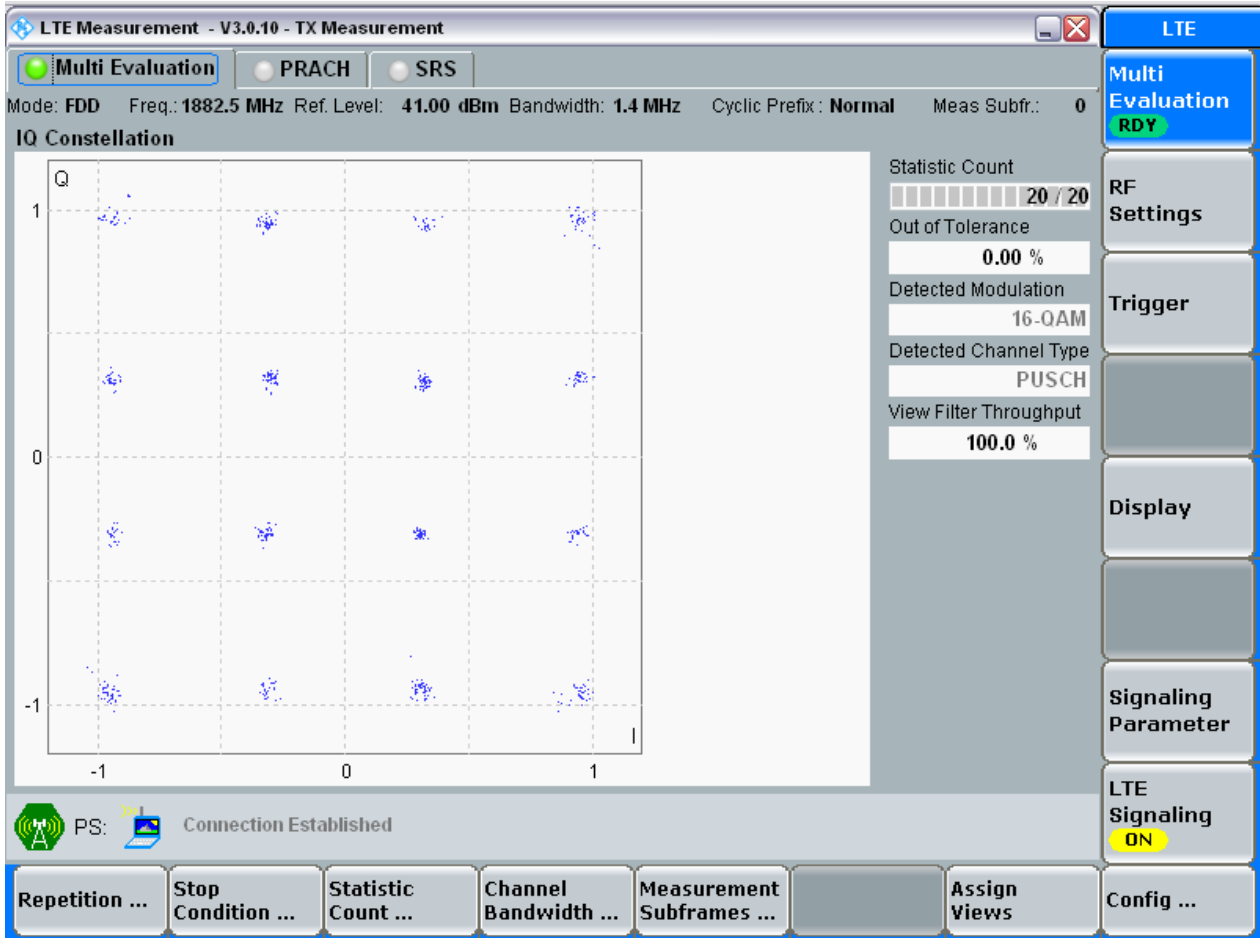


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

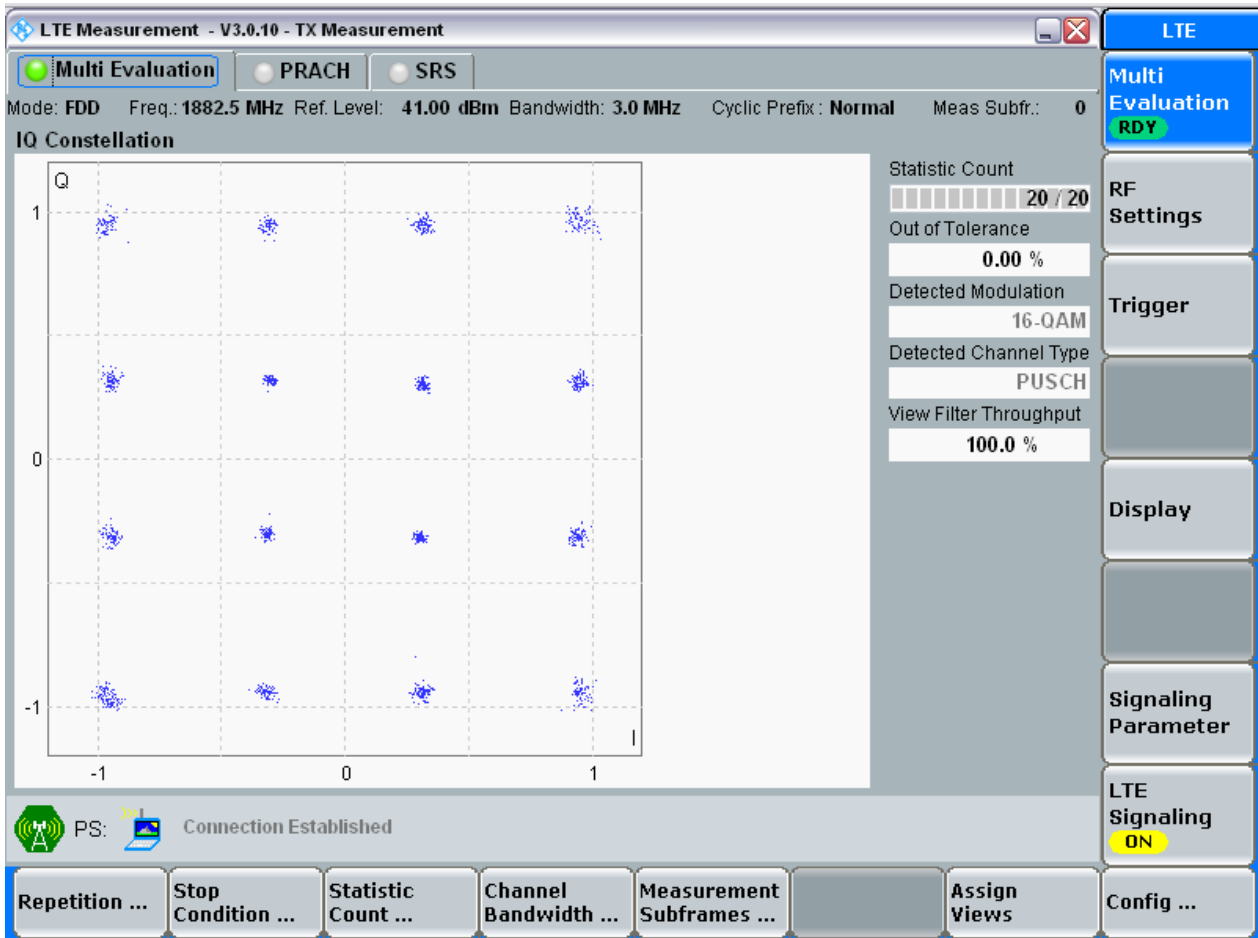
3.1.1.2.1.1.1 Test RB = RB6#0



### 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

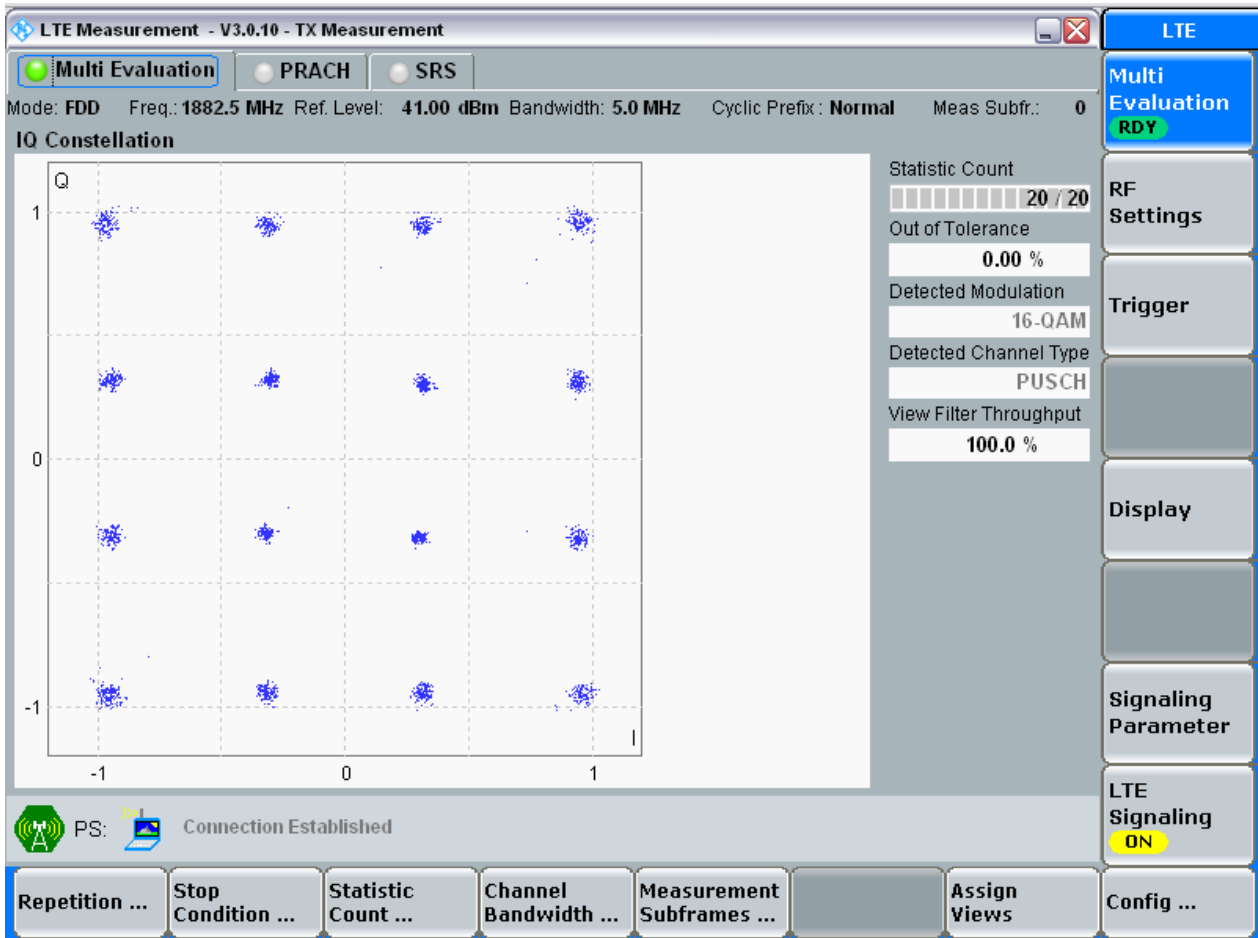




### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

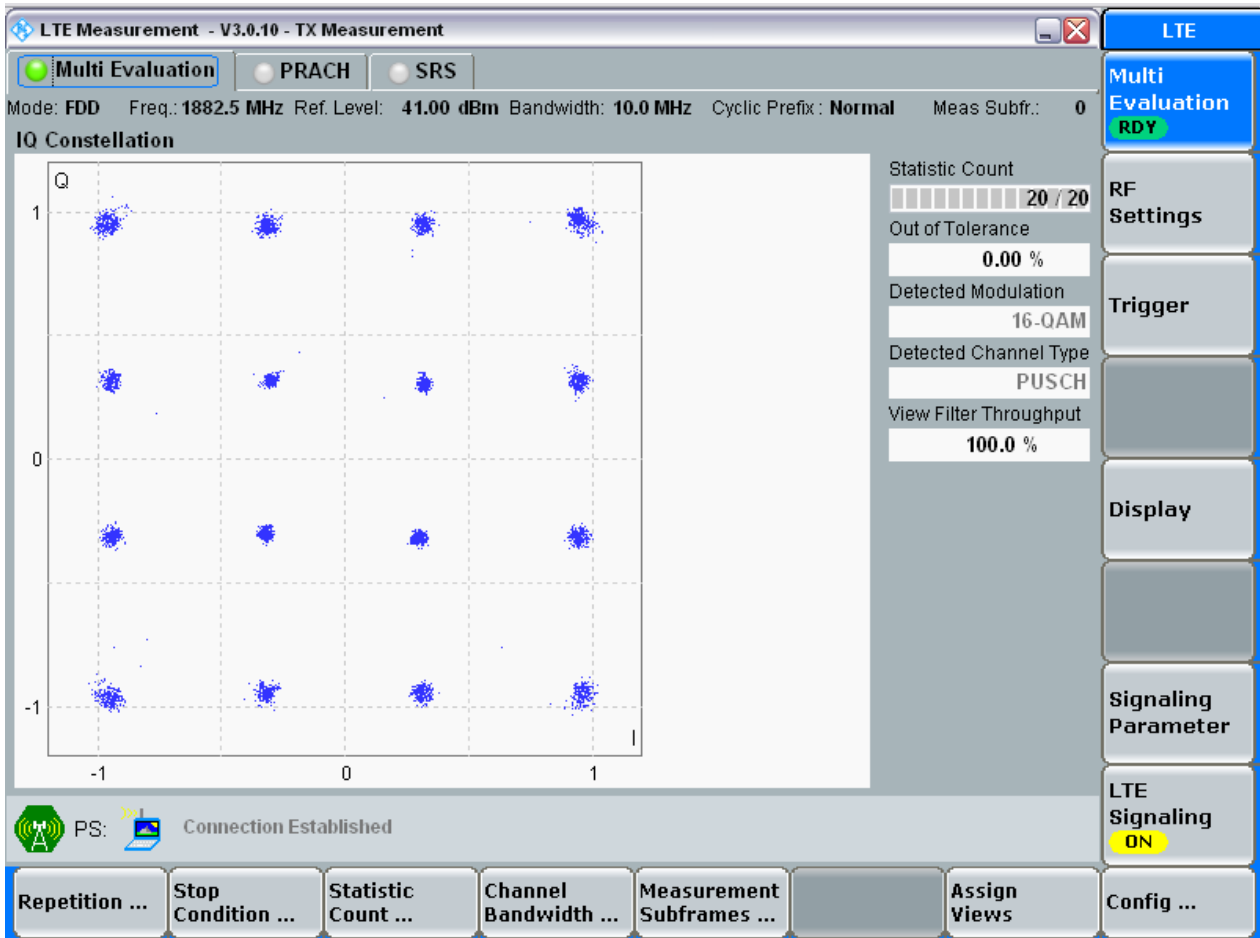
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

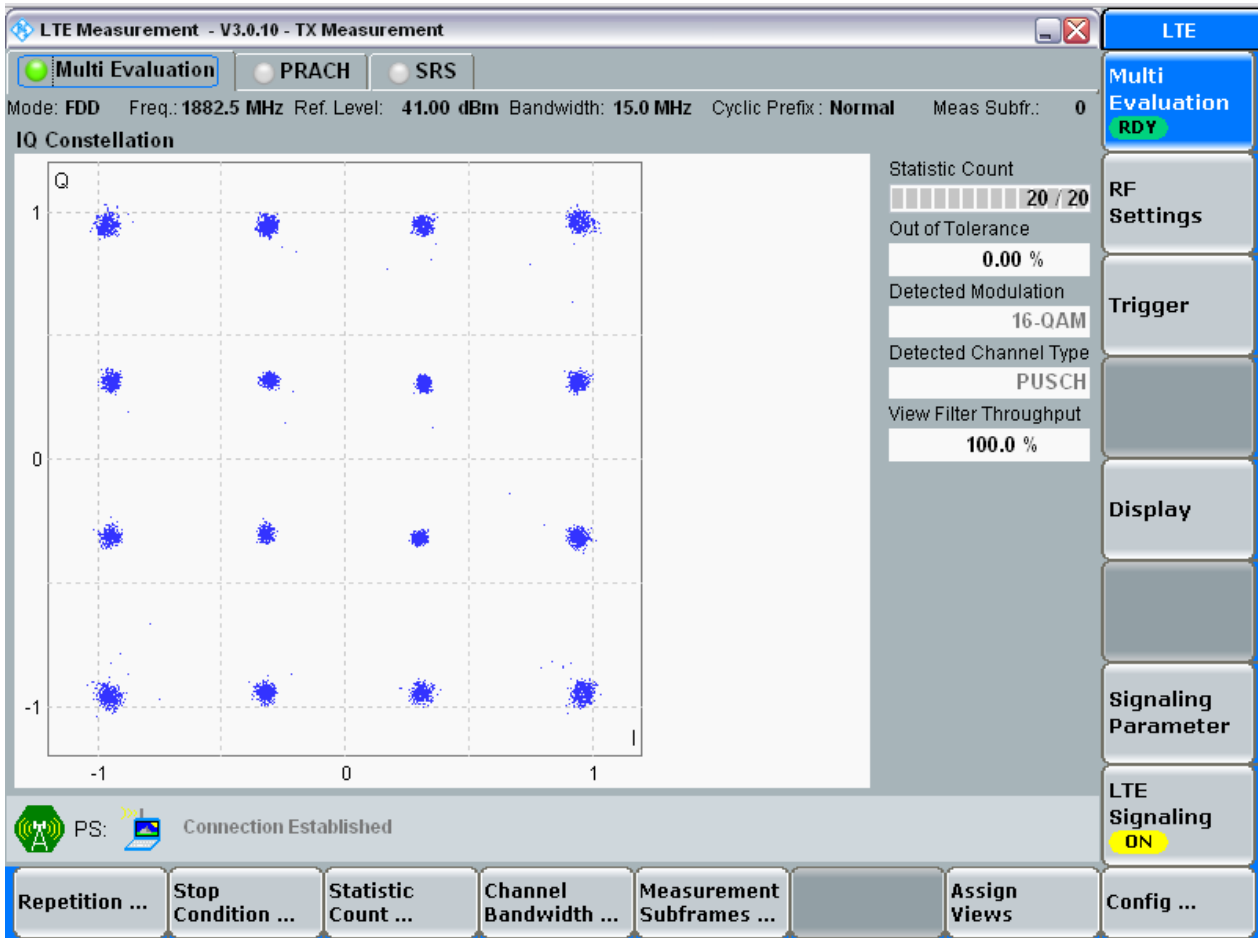
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

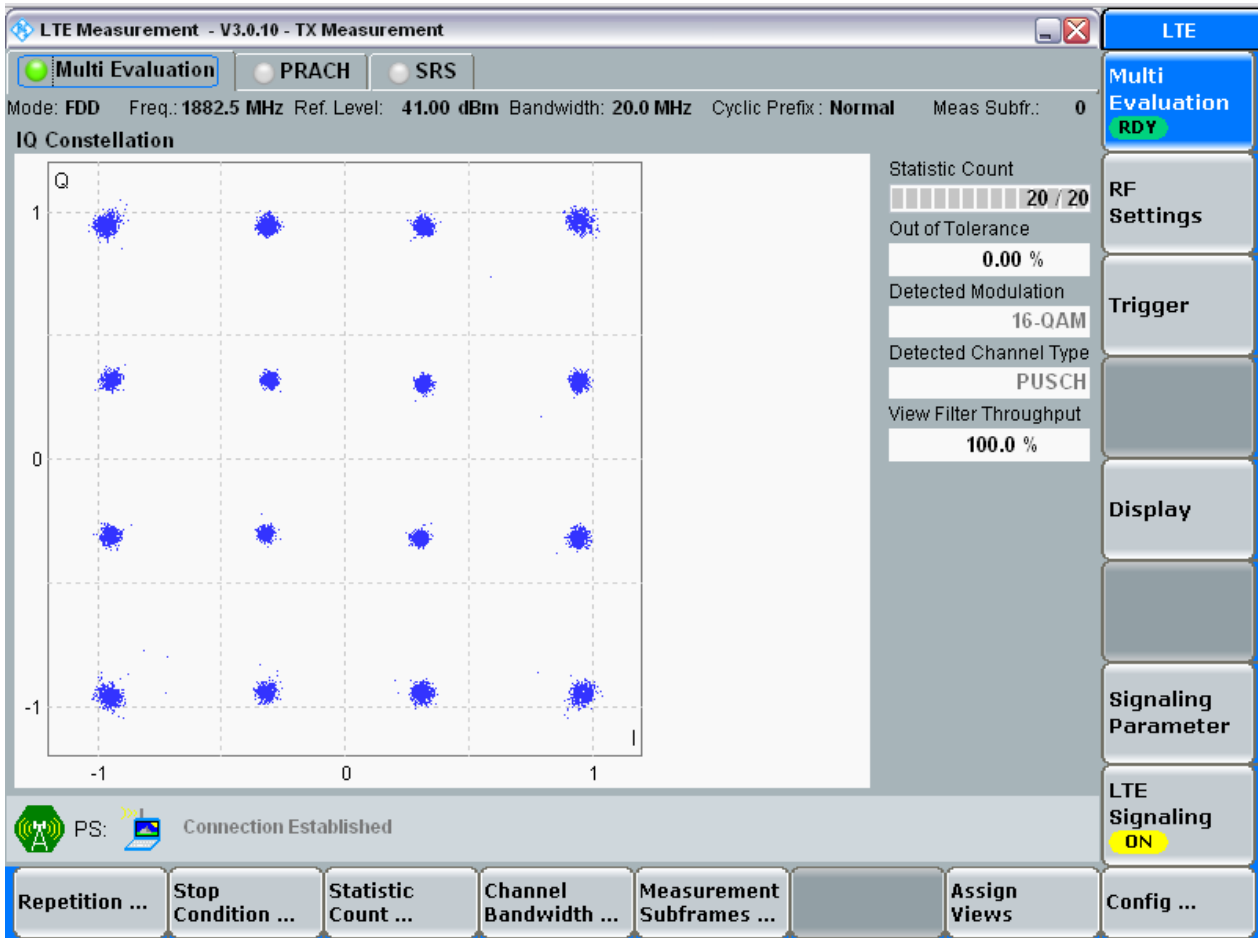
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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
BAND25	LTE/TM1	1.4	LCH	RB6#0	1.09	1.27	Pass
			MCH	RB6#0	1.09	1.28	Pass
			HCH	RB6#0	1.09	1.27	Pass
		3	LCH	RB15#0	2.70	2.98	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.70	2.96	Pass
		5	LCH	RB25#0	4.50	4.92	Pass
			MCH	RB25#0	4.51	4.93	Pass
			HCH	RB25#0	4.50	4.89	Pass
		10	LCH	RB50#0	8.97	9.55	Pass
			MCH	RB50#0	8.99	9.60	Pass
			HCH	RB50#0	8.97	9.56	Pass
		15	LCH	RB75#0	13.42	14.23	Pass
			MCH	RB75#0	13.47	14.31	Pass
			HCH	RB75#0	13.46	14.29	Pass
		20	LCH	RB100#0	17.87	18.94	Pass
			MCH	RB100#0	17.97	19.04	Pass
			HCH	RB100#0	17.94	19.00	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.32	Pass
			MCH	RB6#0	1.09	1.31	Pass
			HCH	RB6#0	1.09	1.31	Pass
		3	LCH	RB15#0	2.70	2.98	Pass
			MCH	RB15#0	2.70	2.99	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.50	4.95	Pass
			MCH	RB25#0	4.51	4.95	Pass
			HCH	RB25#0	4.50	4.92	Pass
10		LCH	RB50#0	8.95	9.58	Pass	
		MCH	RB50#0	8.97	9.57	Pass	
		HCH	RB50#0	8.96	9.54	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.42	14.31	Pass
			MCH	RB75#0	13.47	14.38	Pass
			HCH	RB75#0	13.47	14.33	Pass
		20	LCH	RB100#0	17.85	18.95	Pass
			MCH	RB100#0	17.96	19.01	Pass
			HCH	RB100#0	17.95	19.01	Pass



Part II - Test Plots

4.1 For LTE

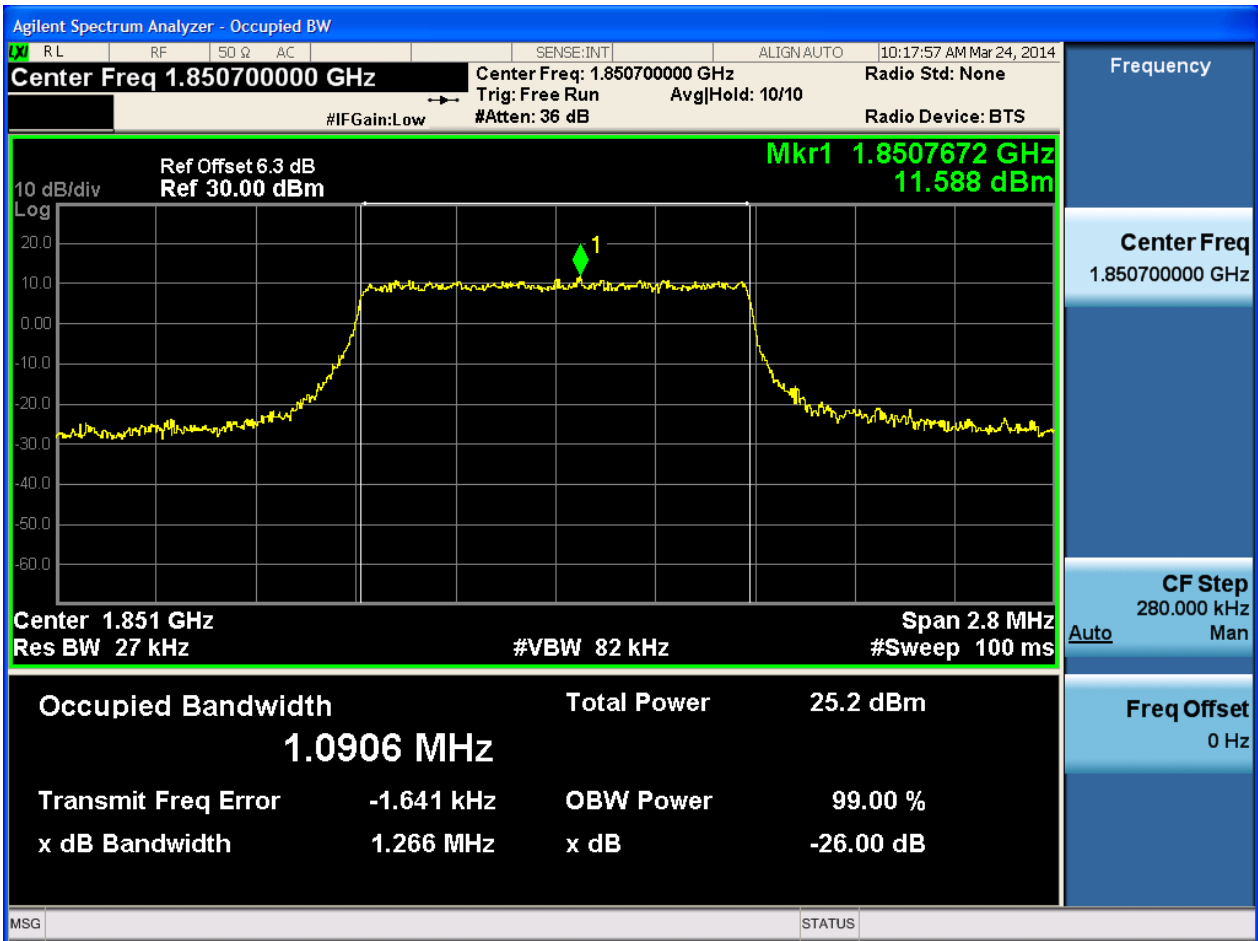
4.1.1 Test Band = BAND25

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

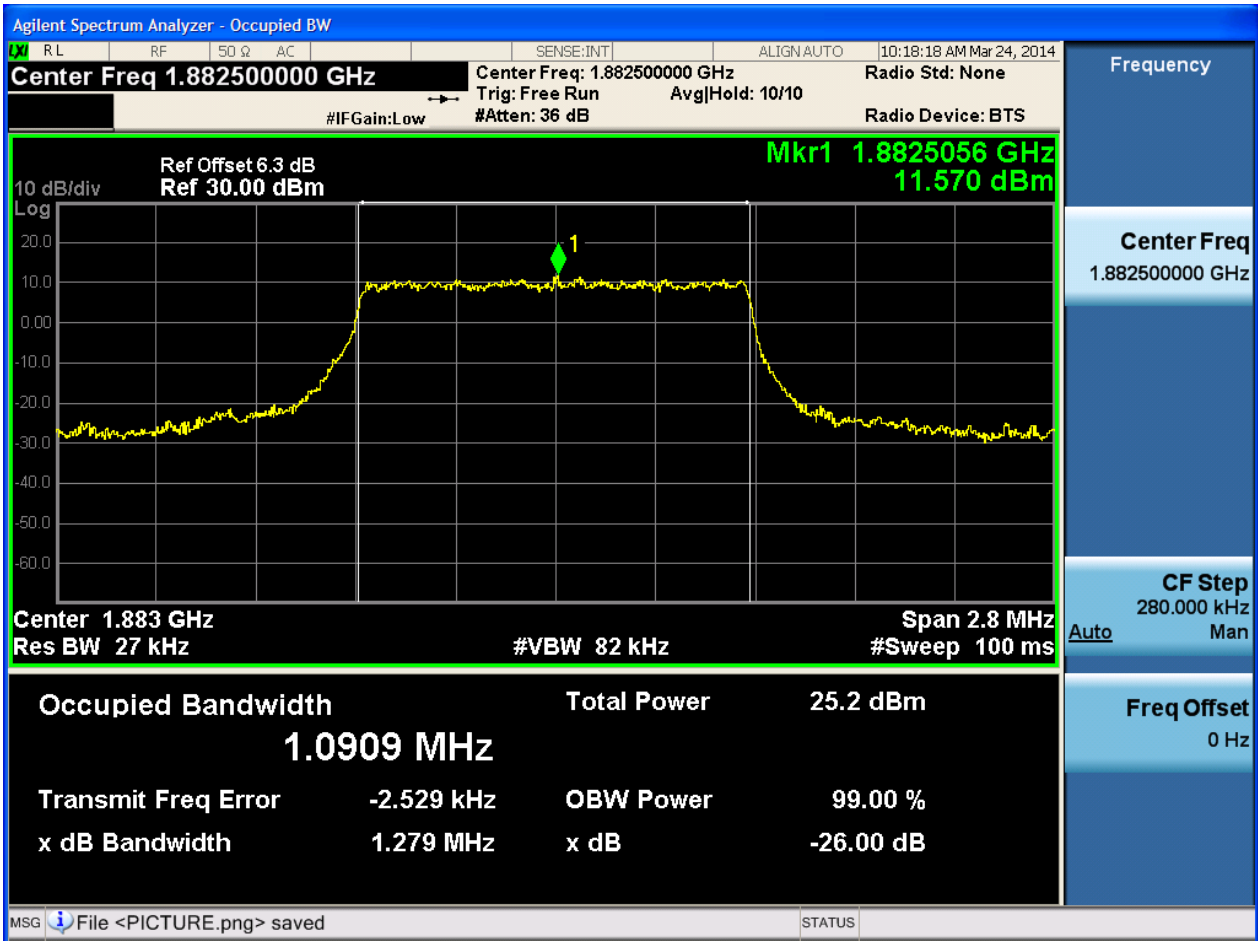
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0

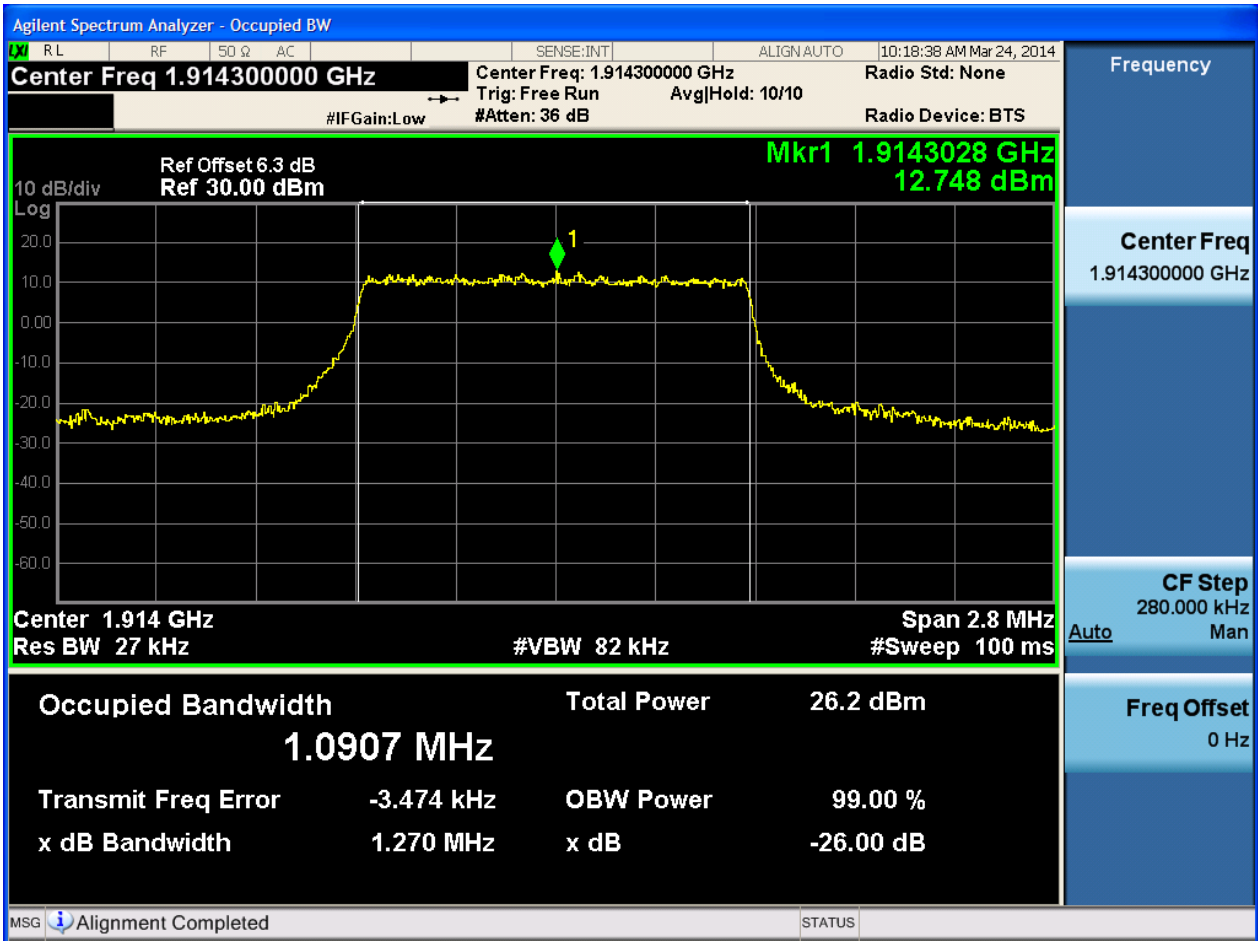






4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

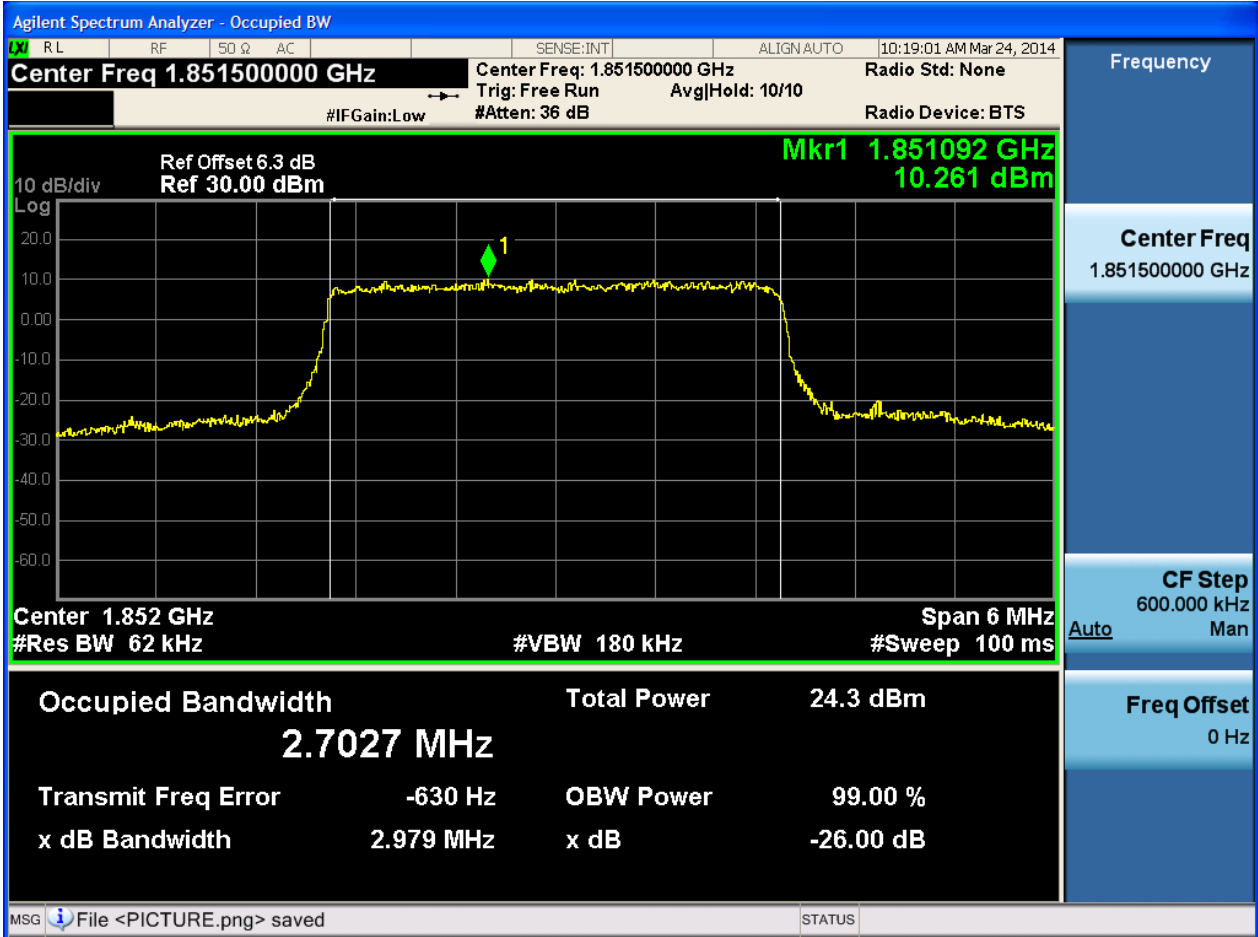




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

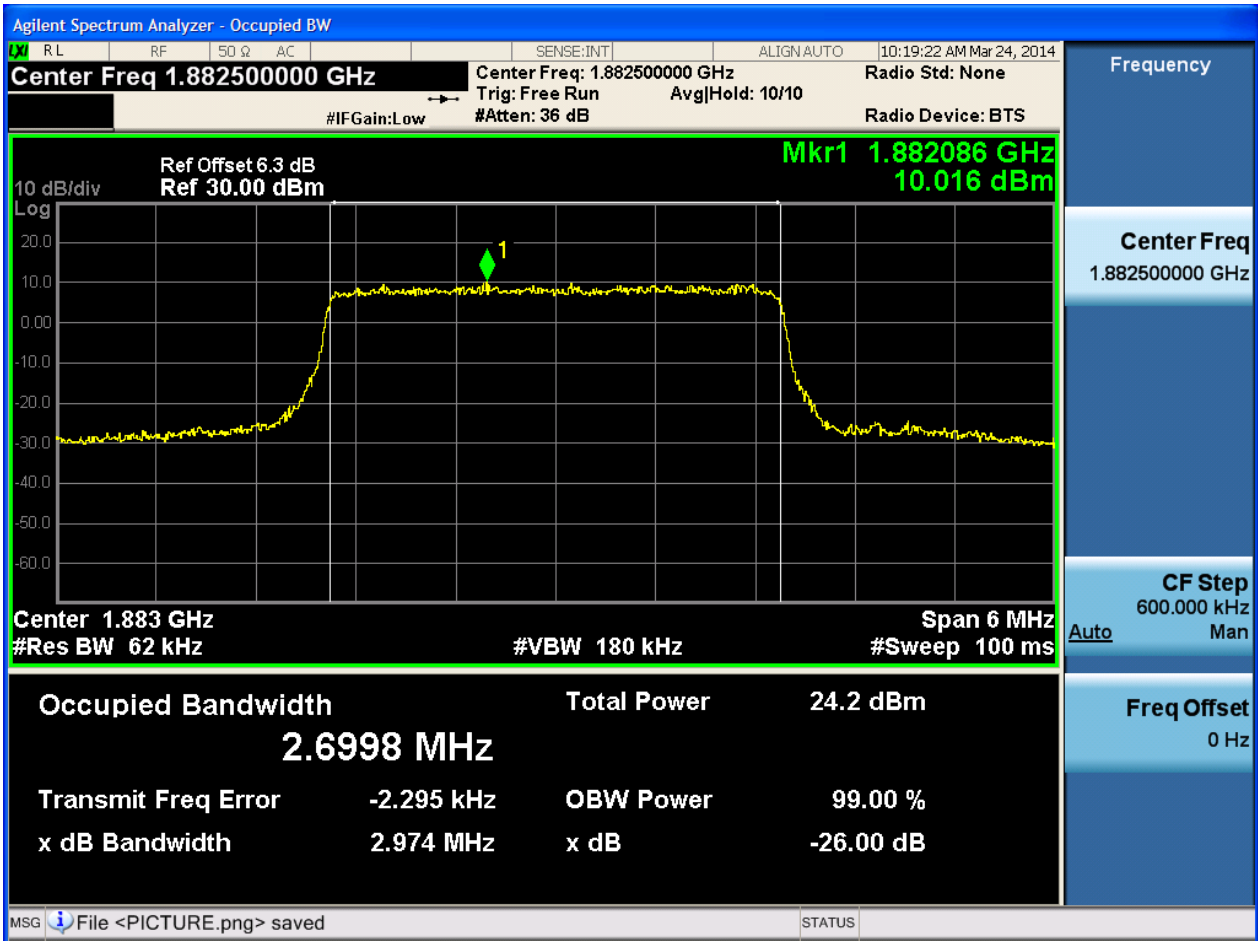
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

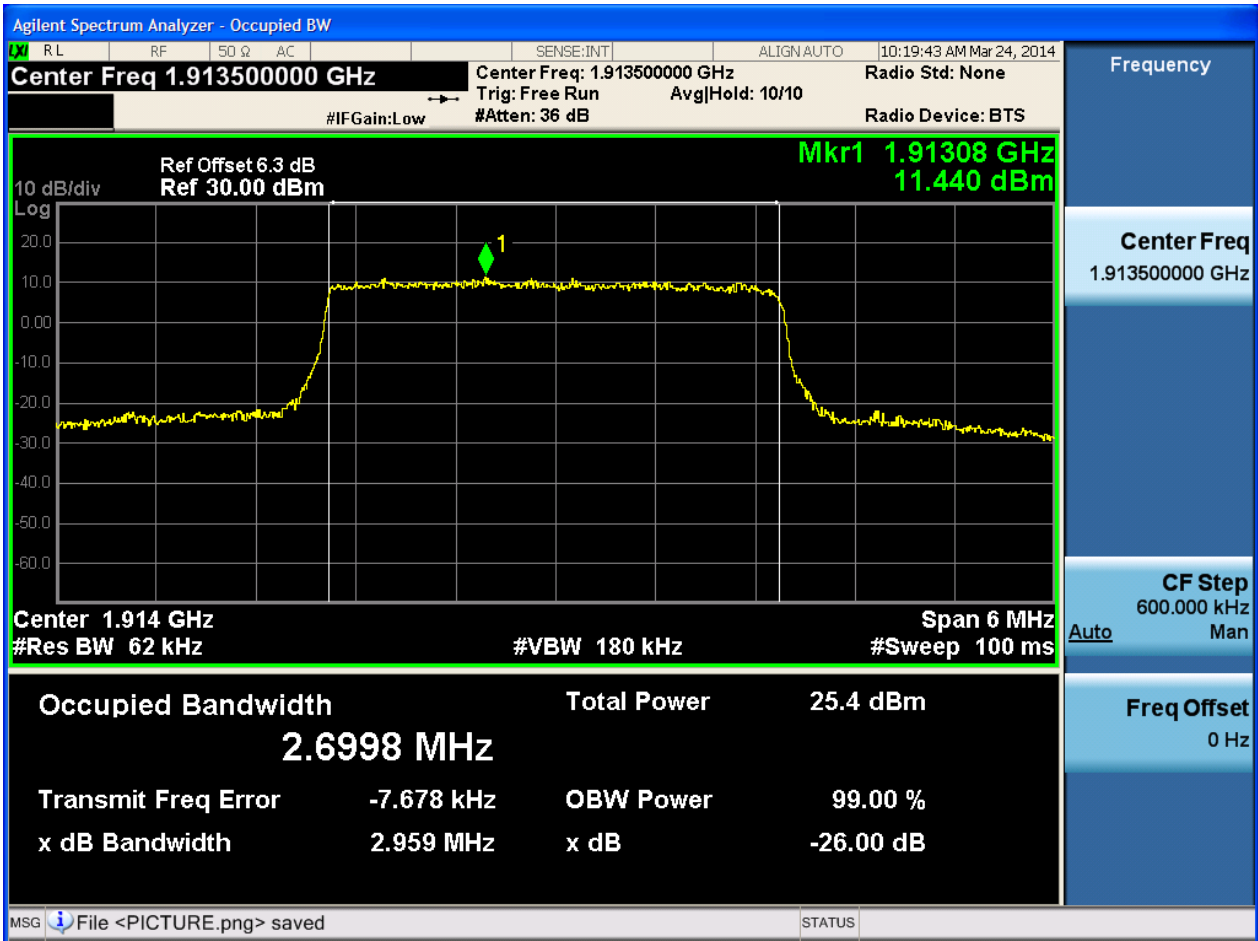
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

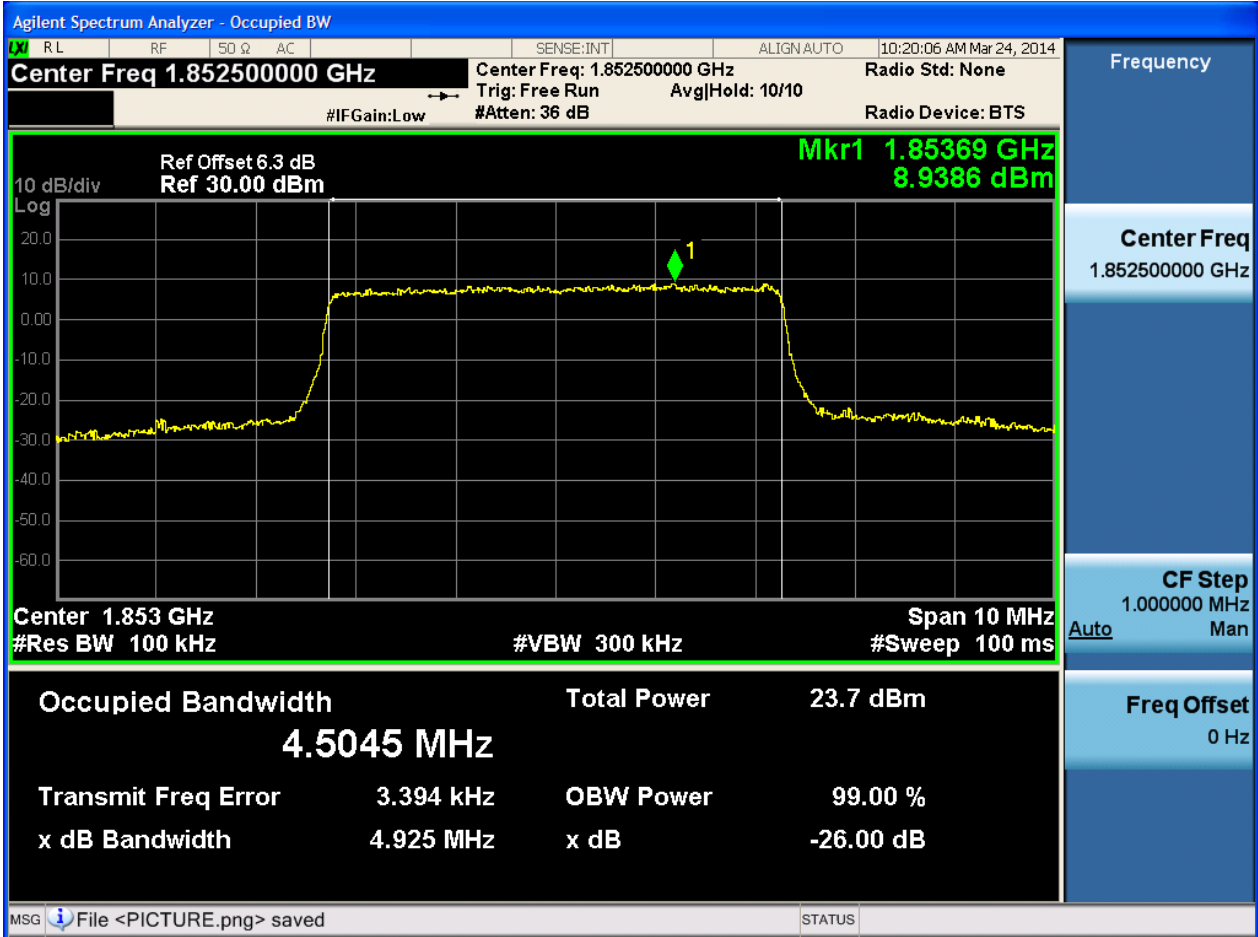




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

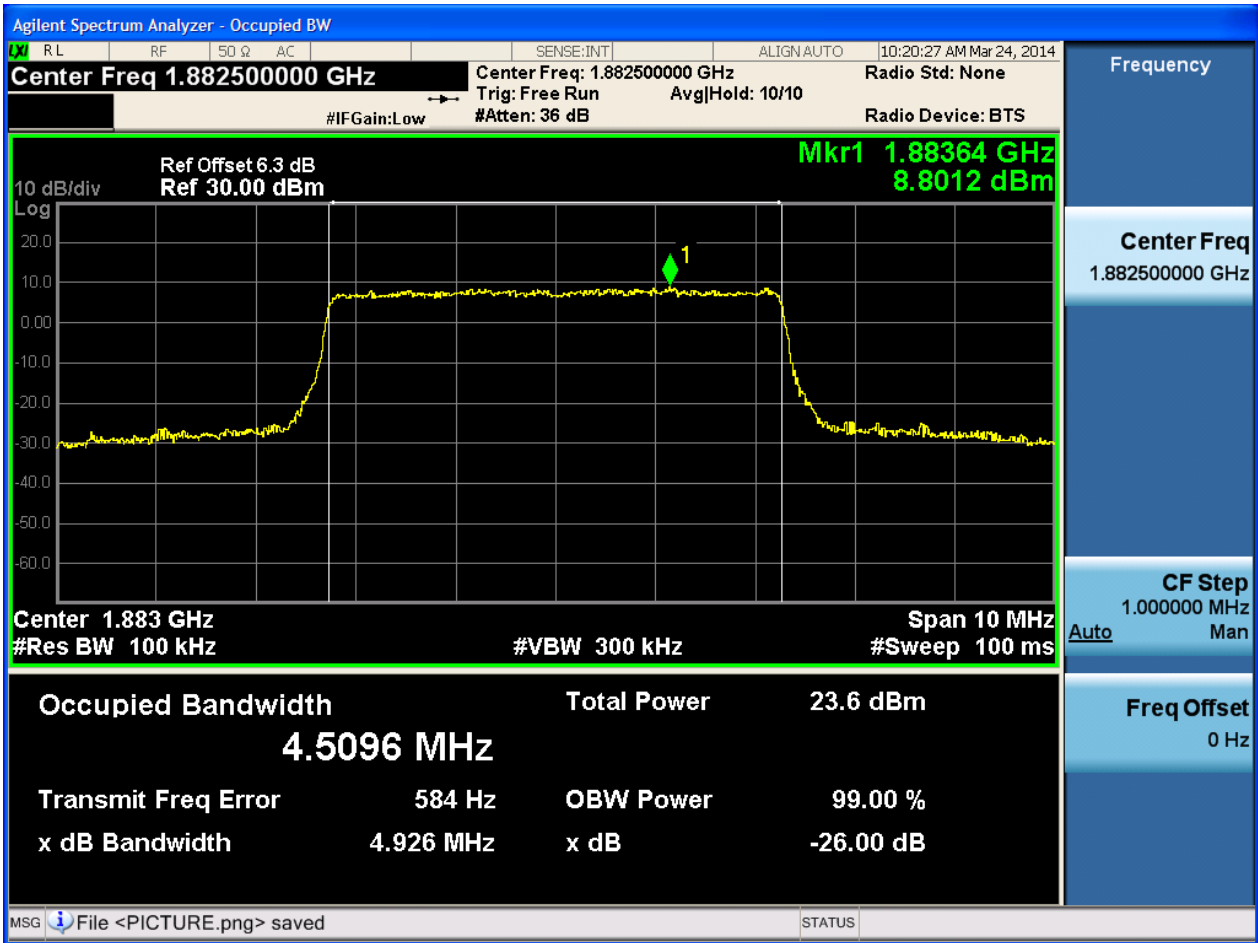
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

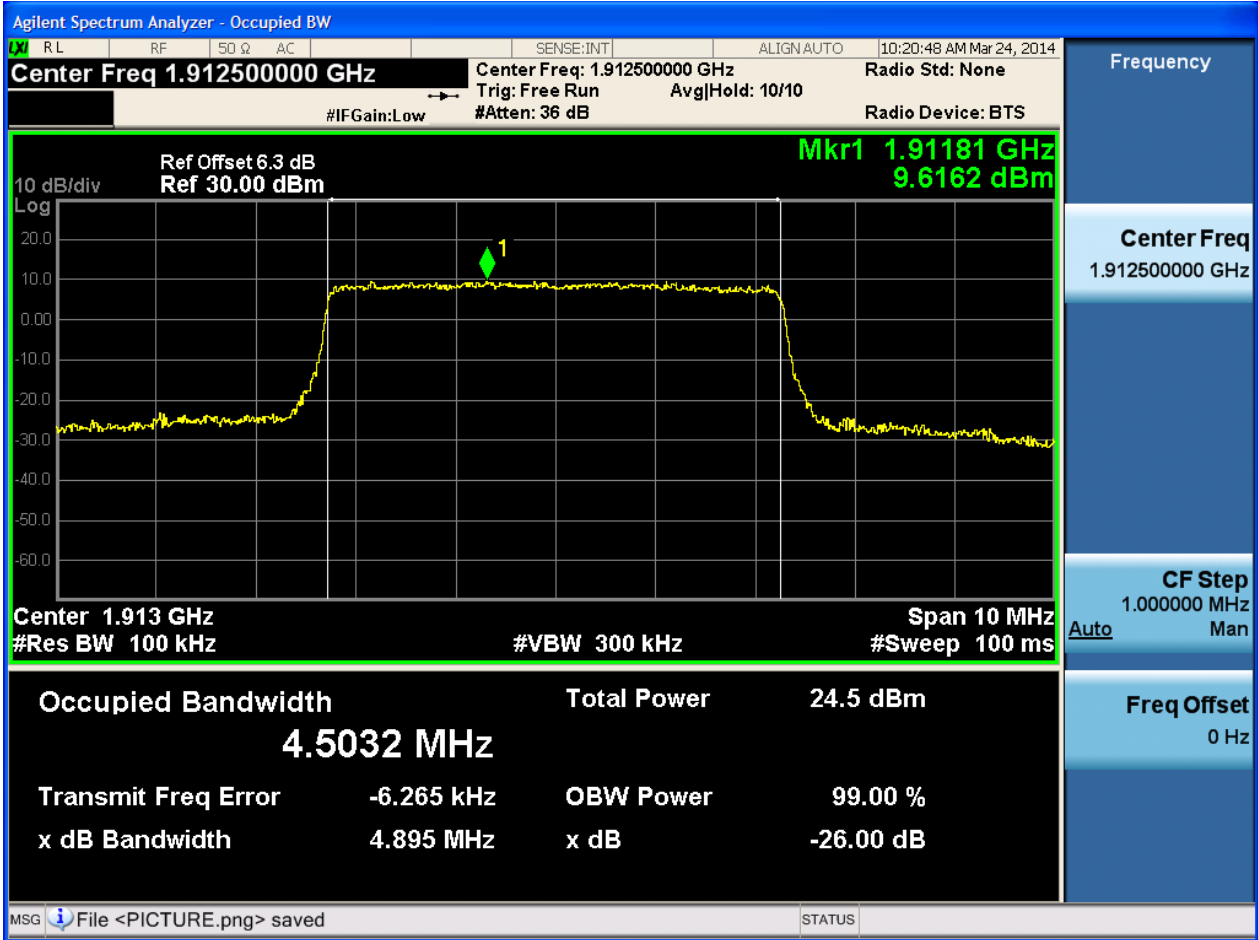
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

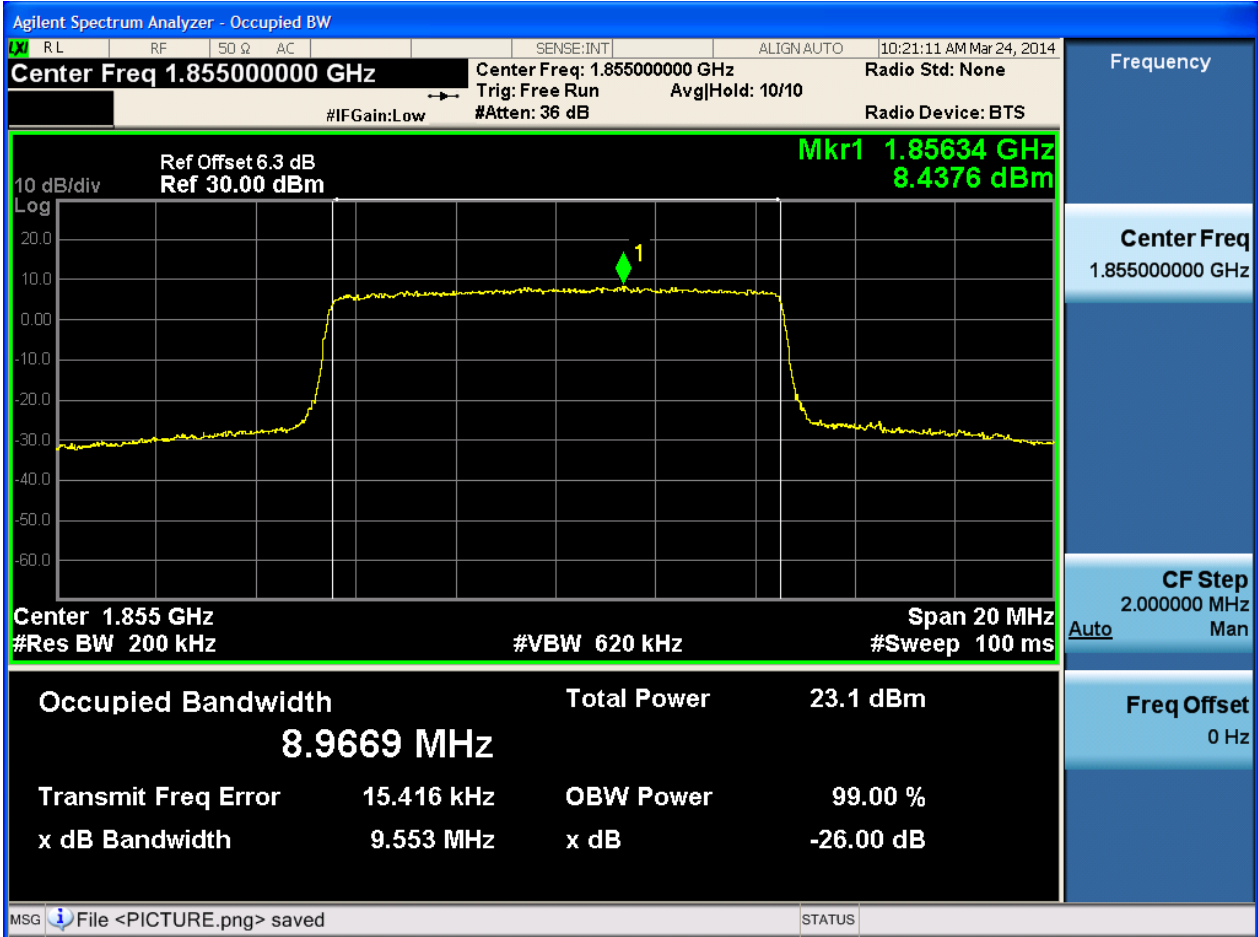




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0

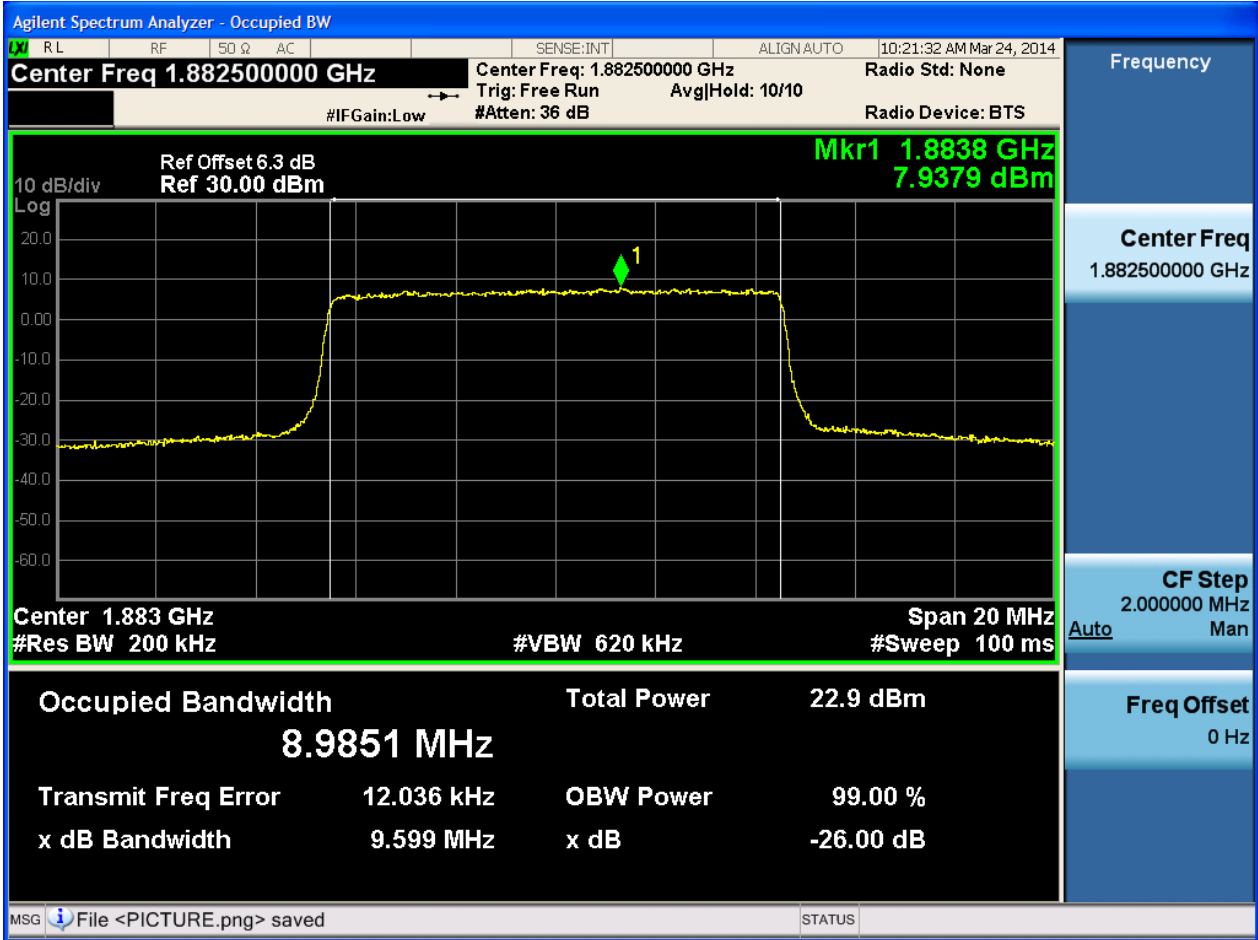






4.1.1.1.4.2 Test Channel = MCH

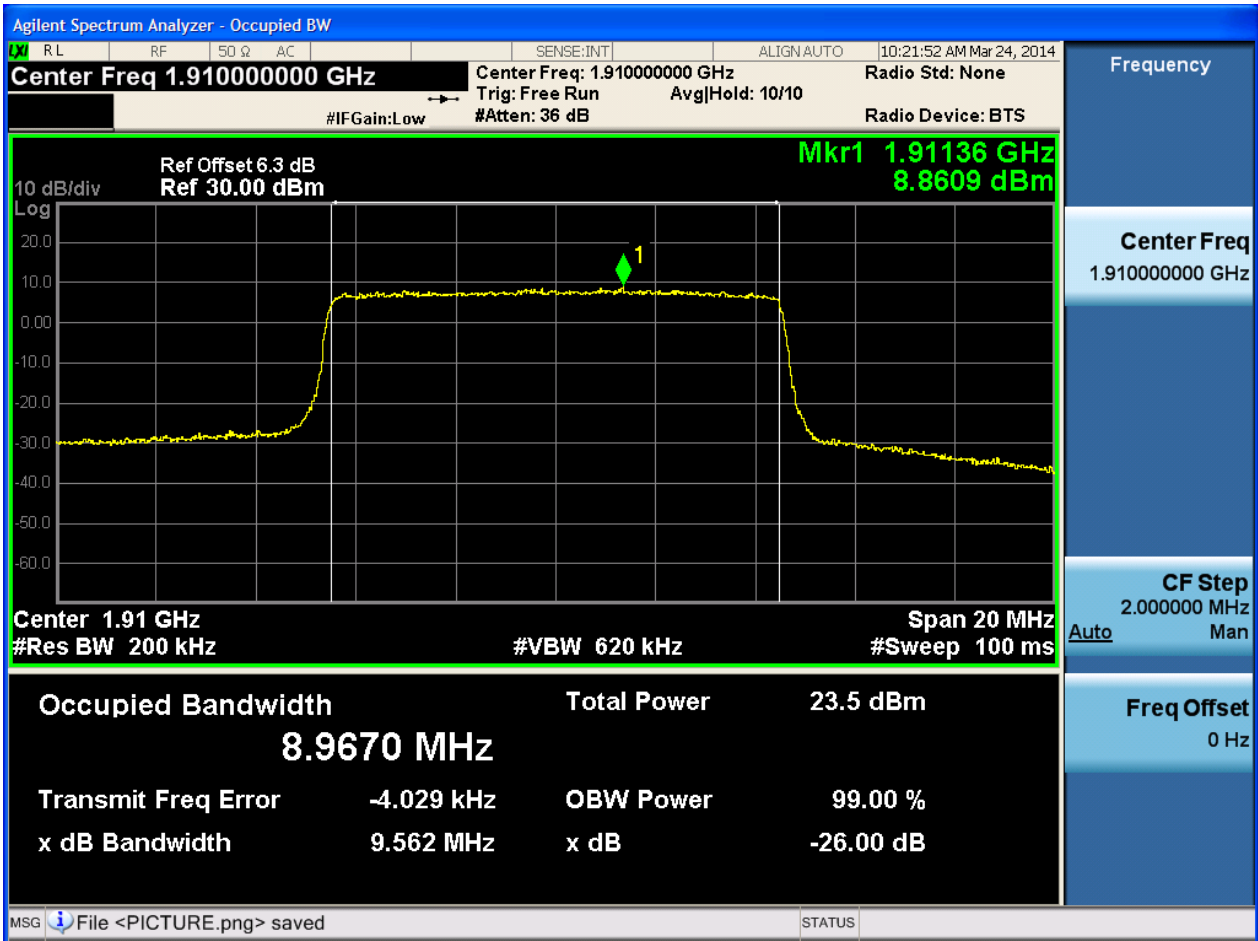
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

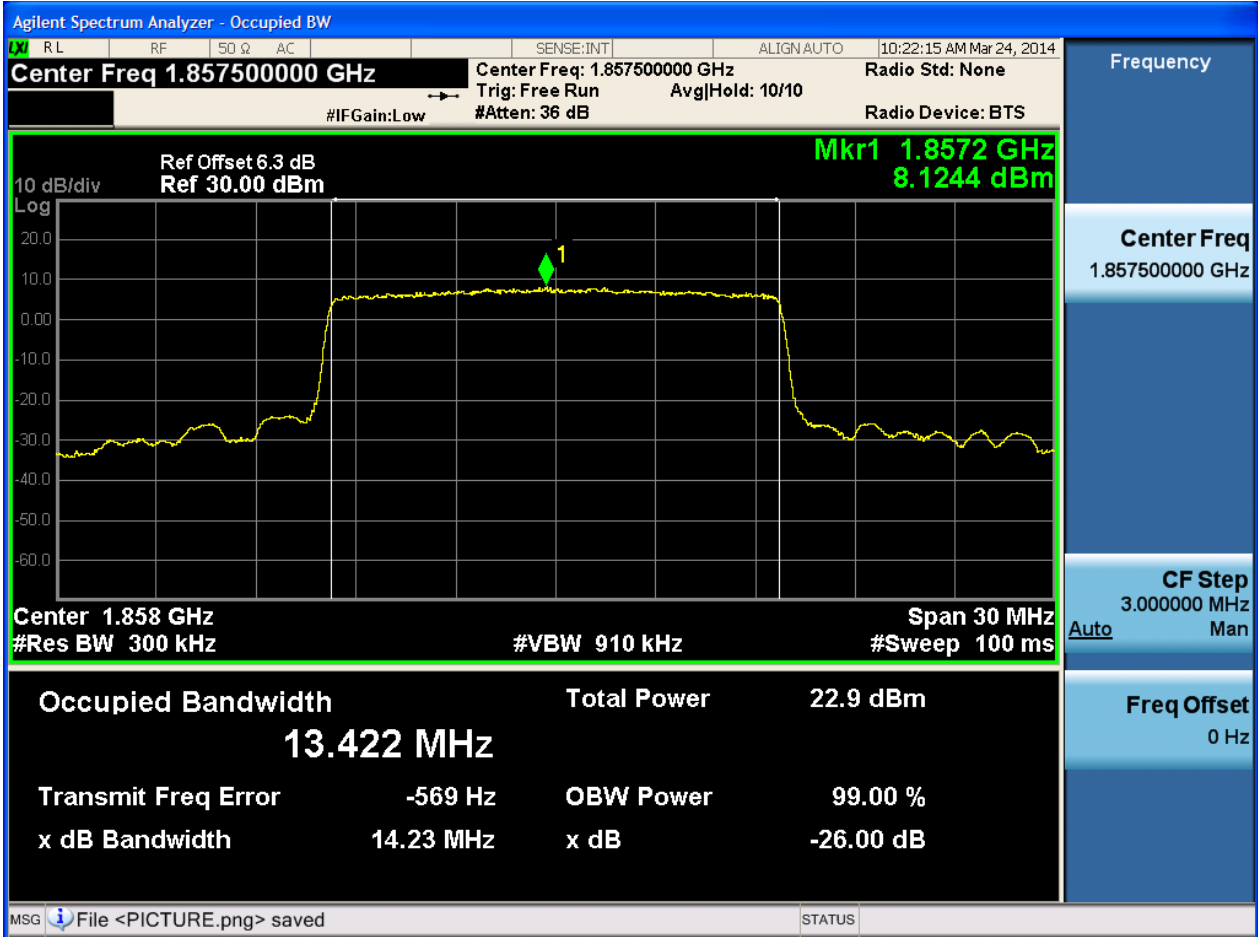




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

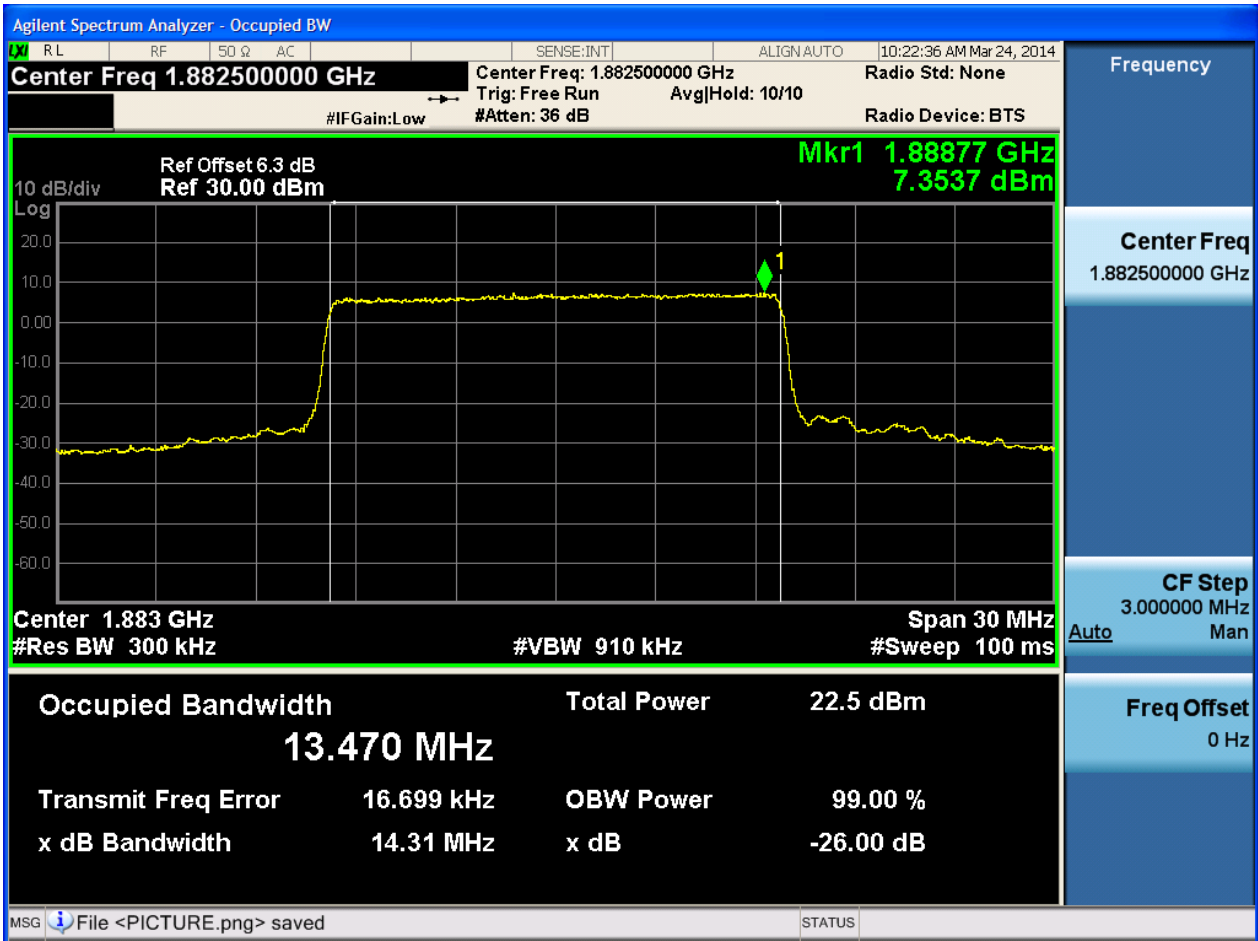
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

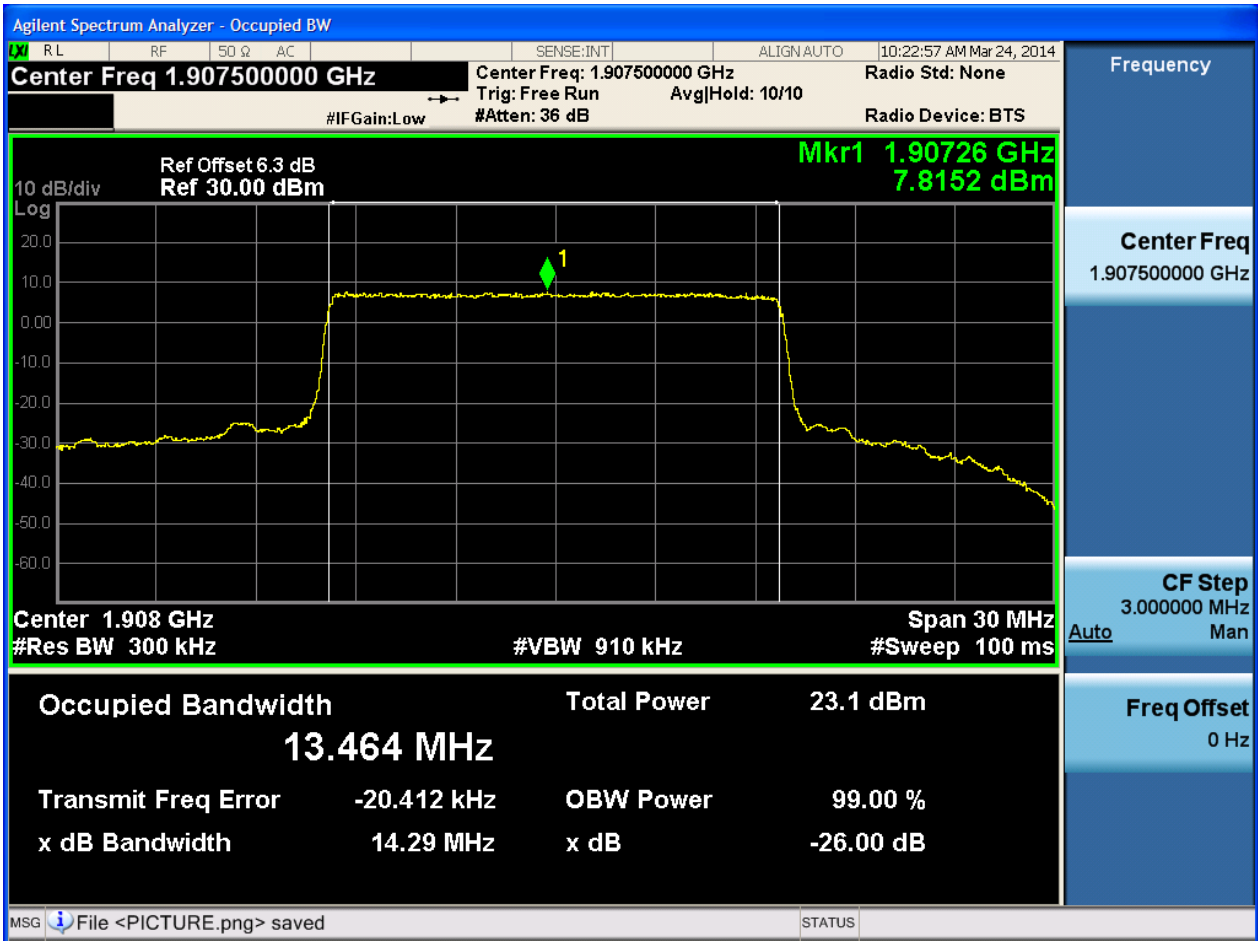
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

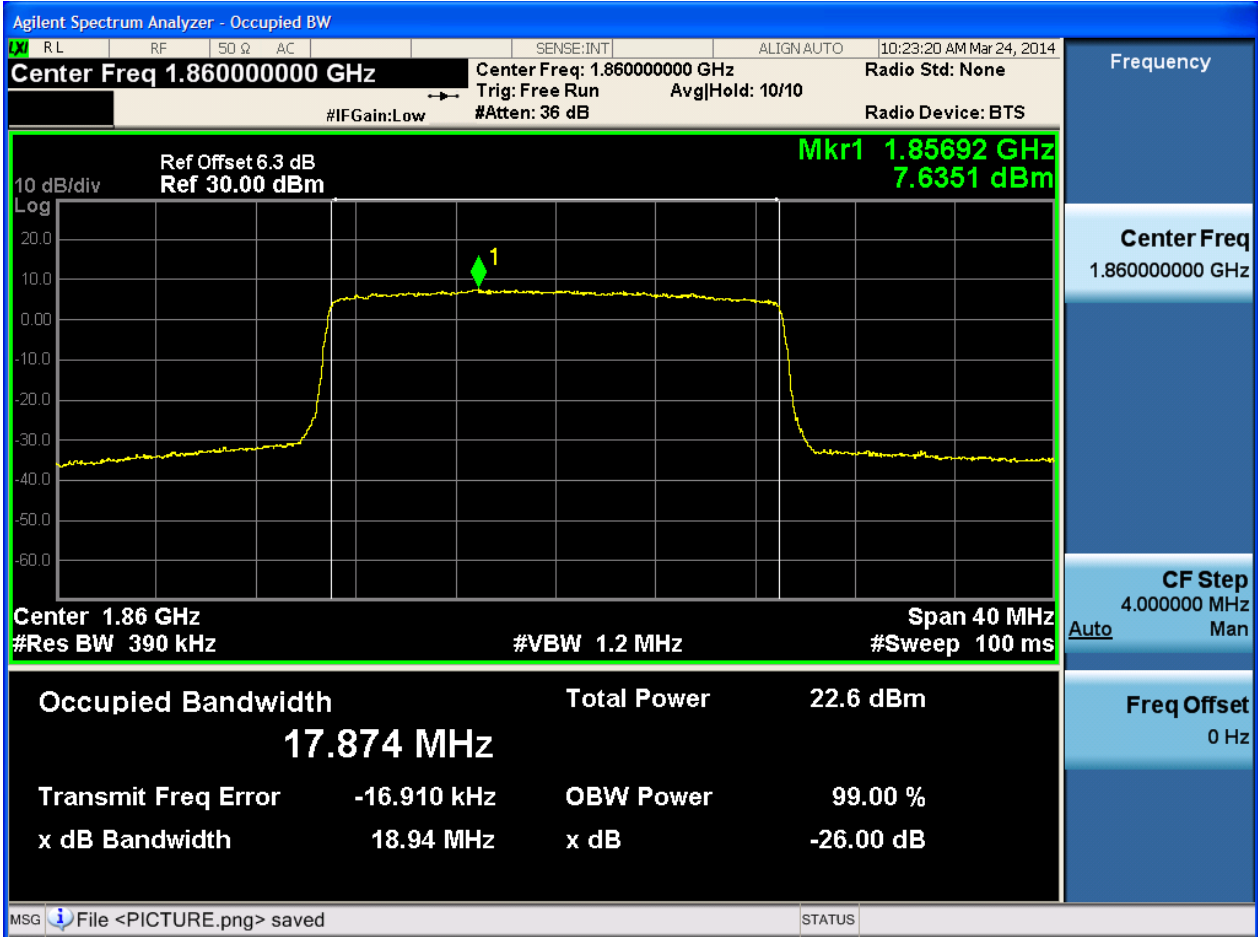




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

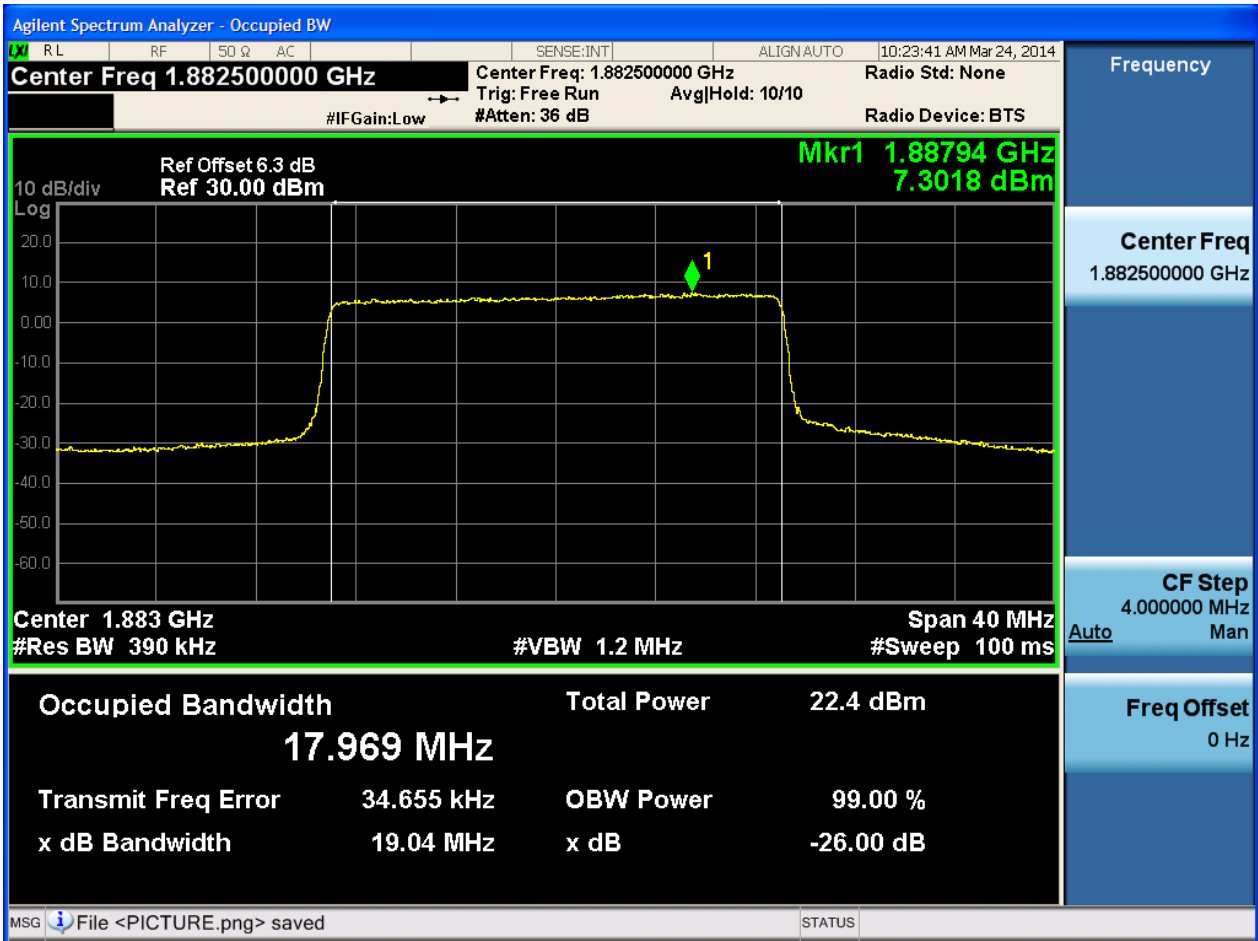
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

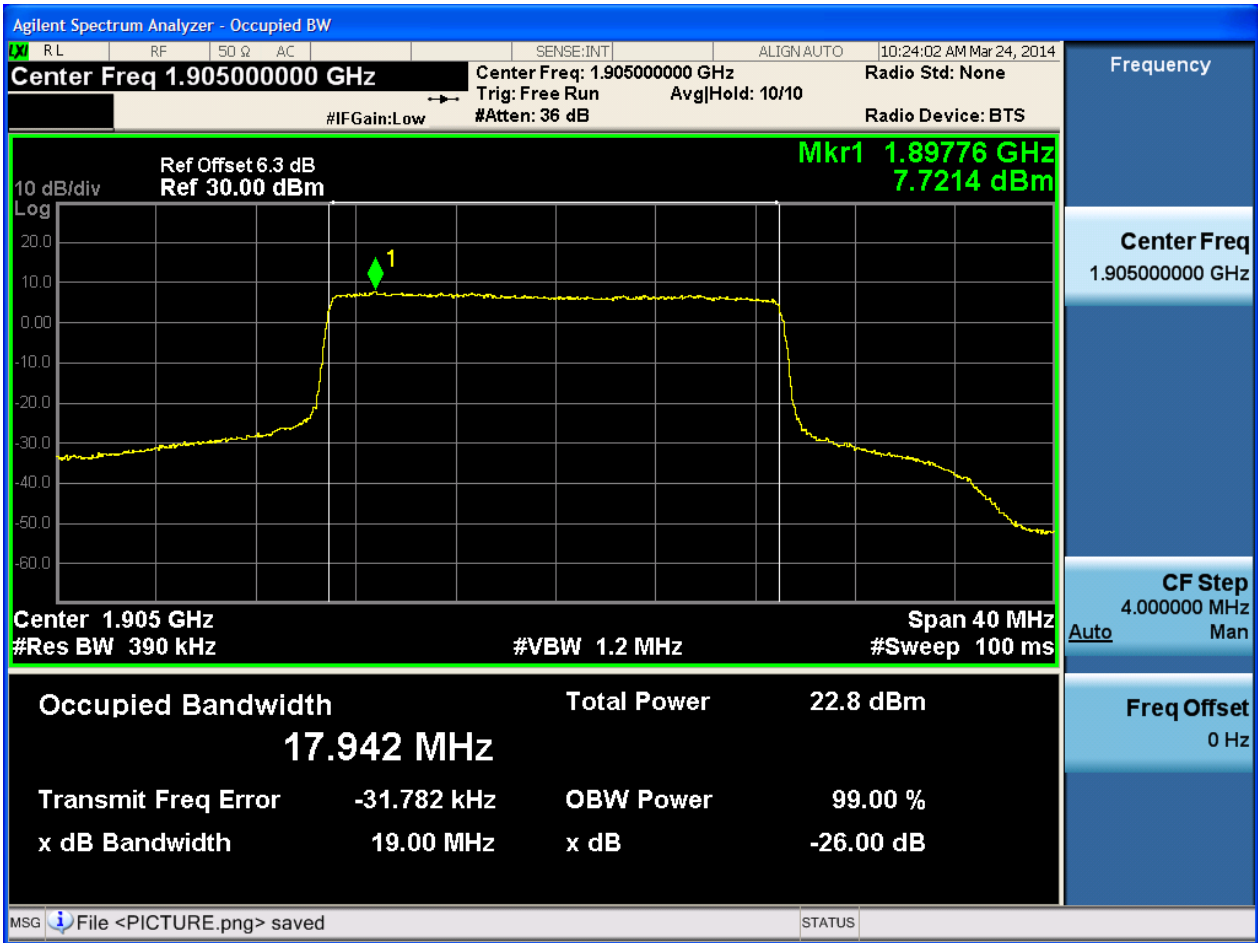
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0





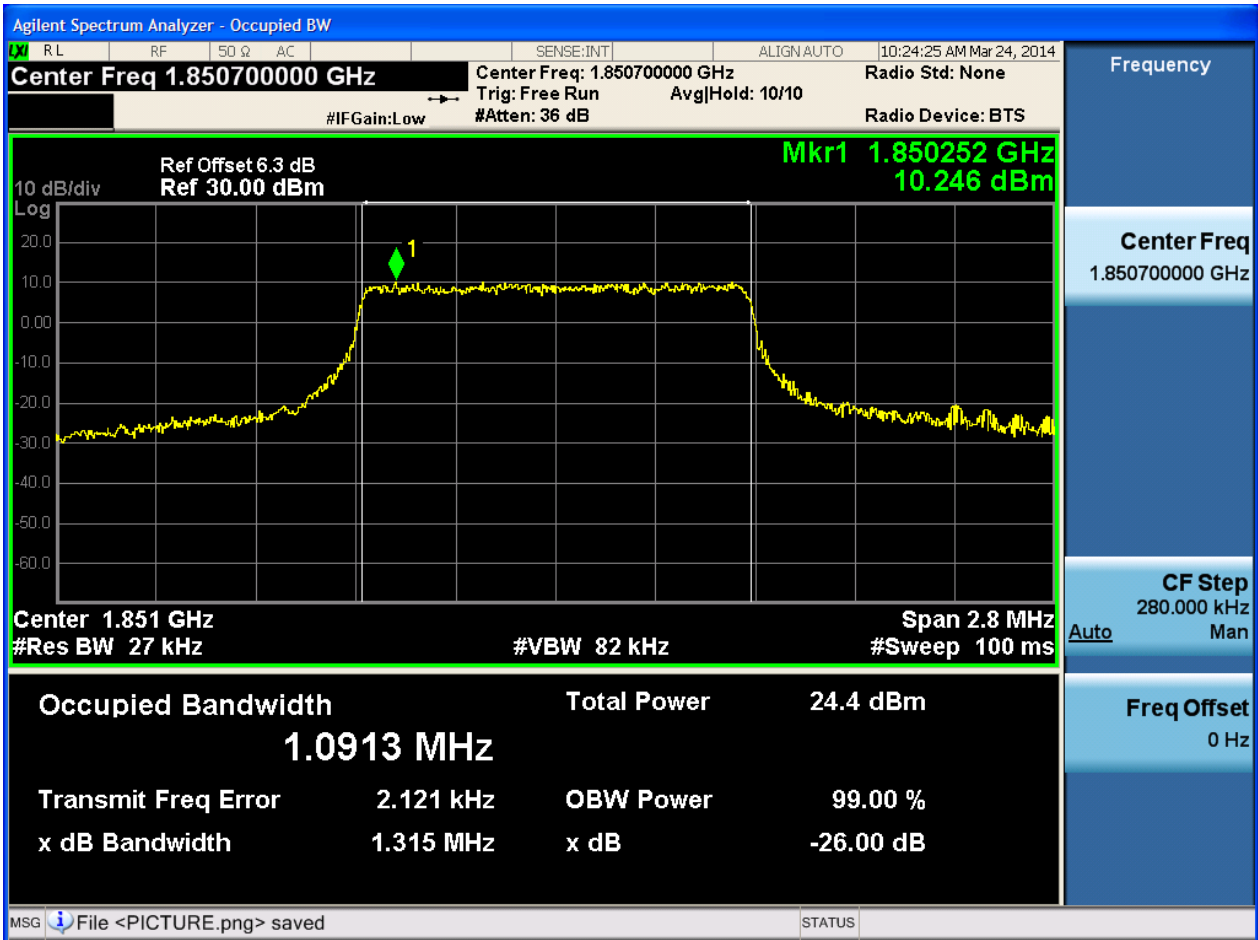


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

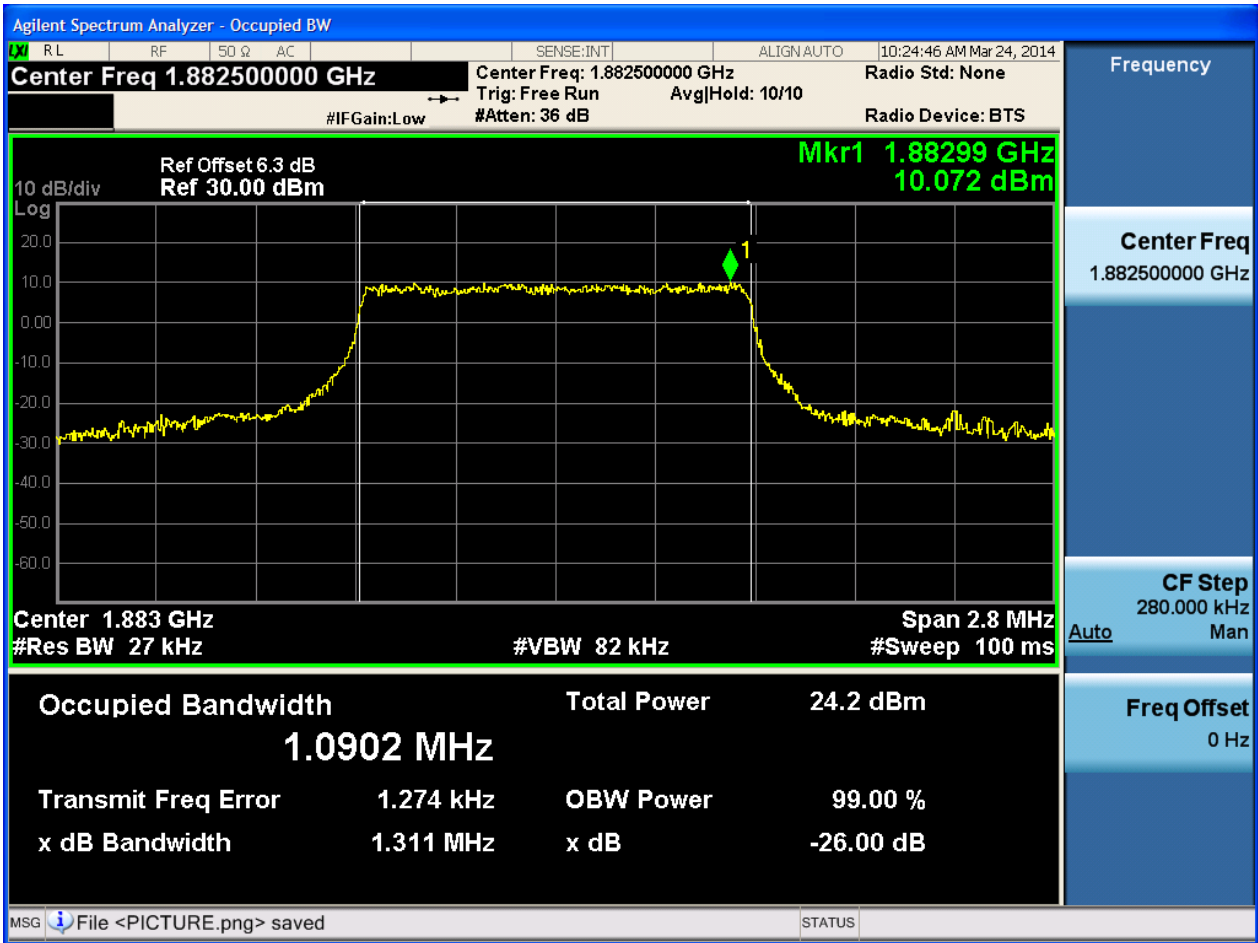
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

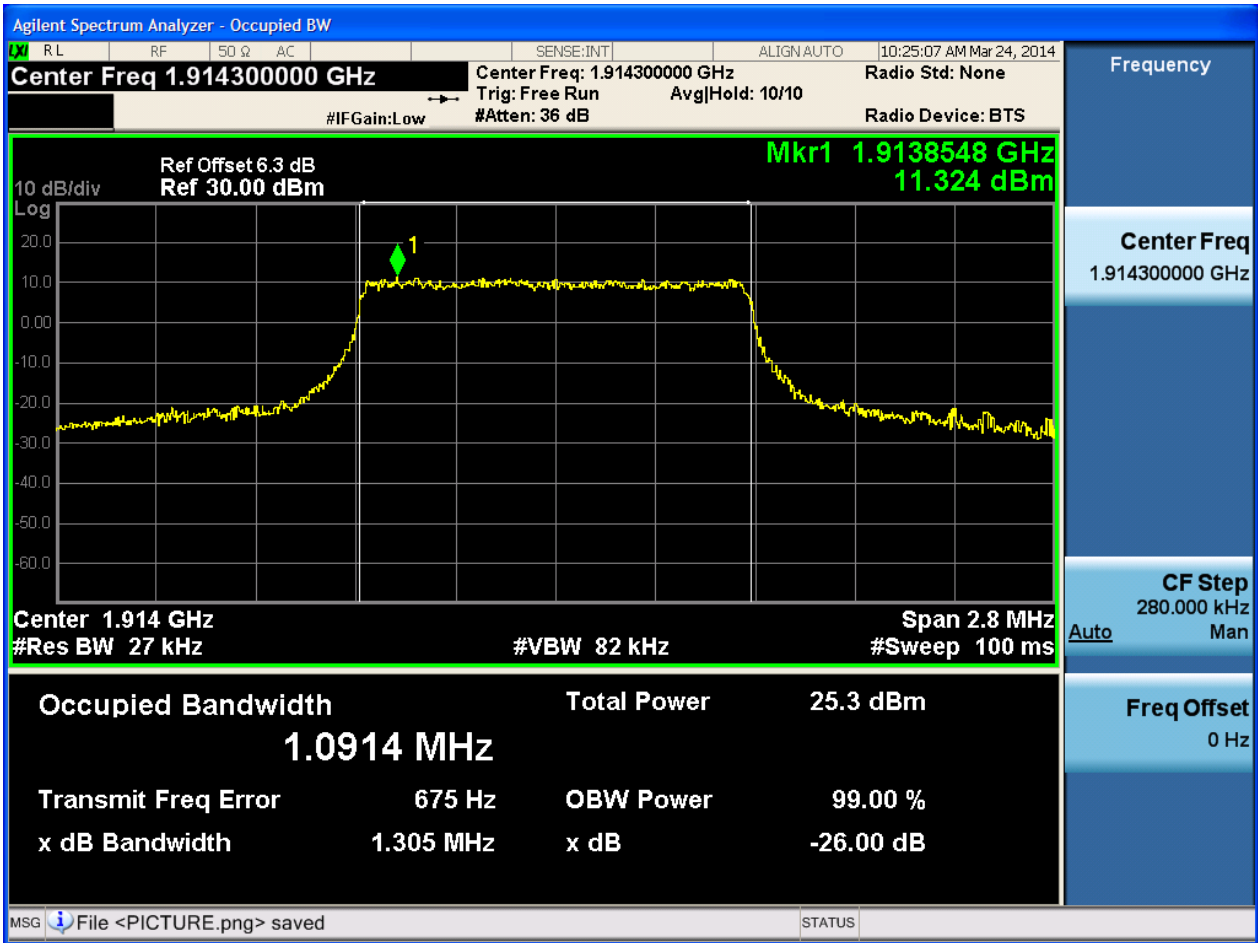
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

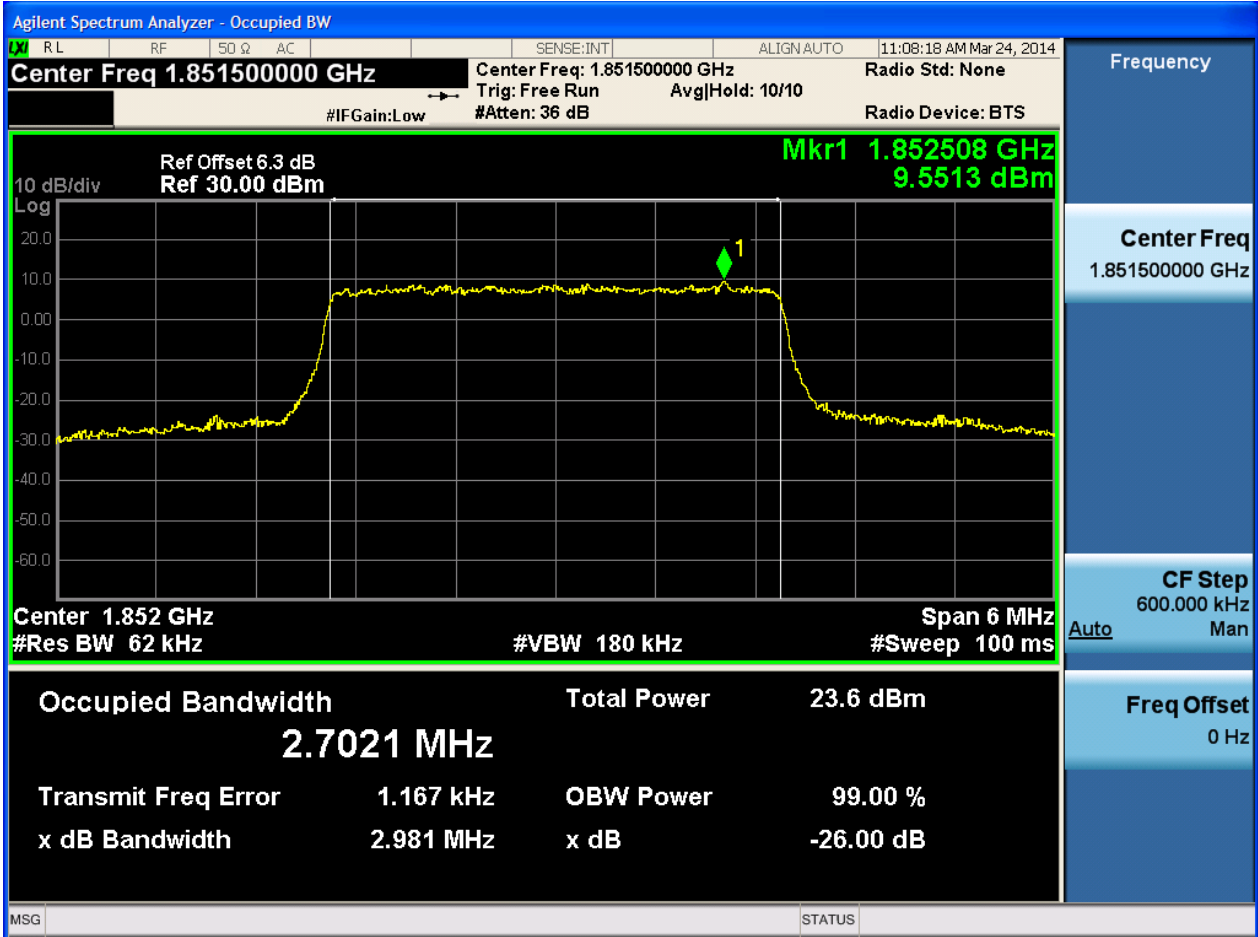




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

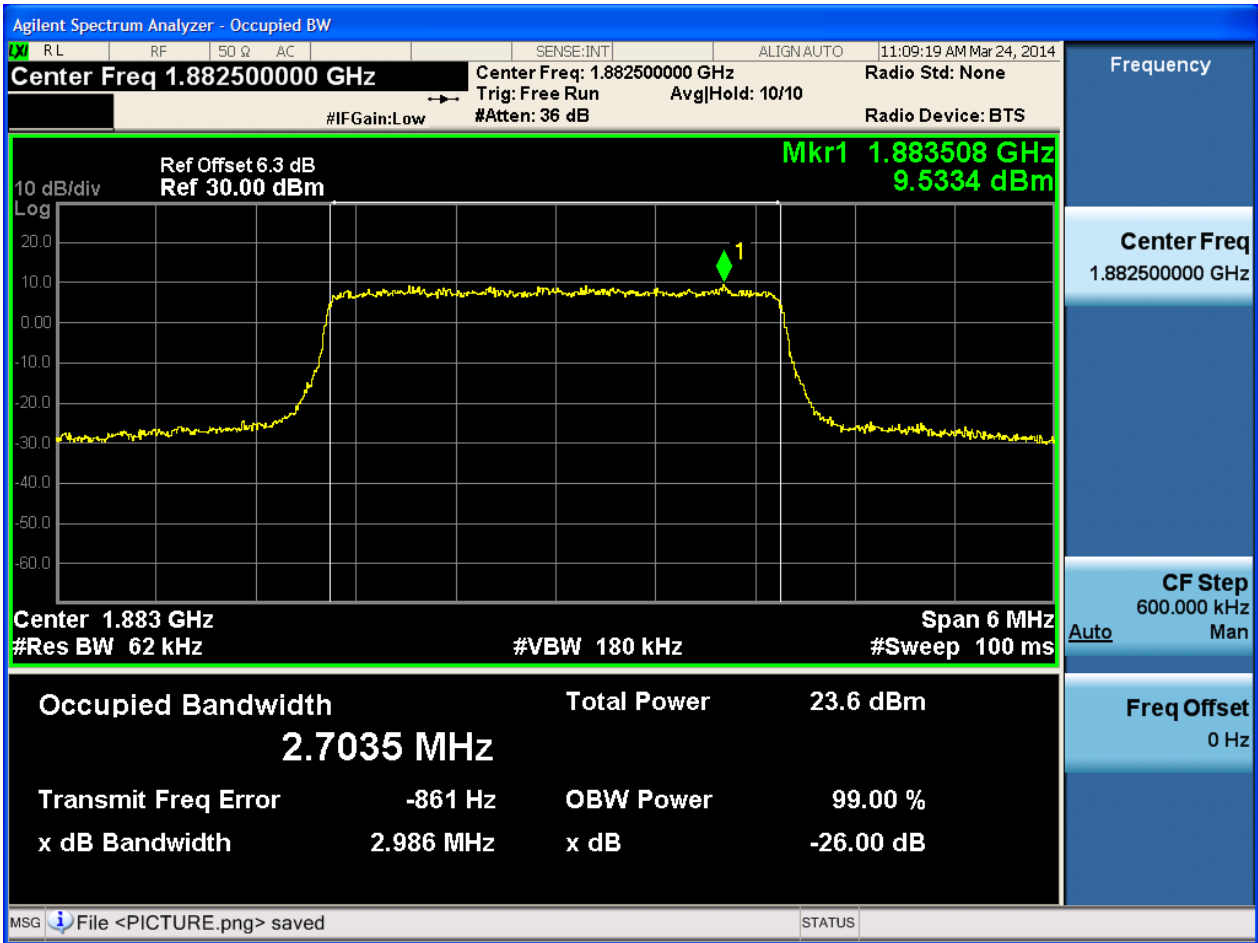
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

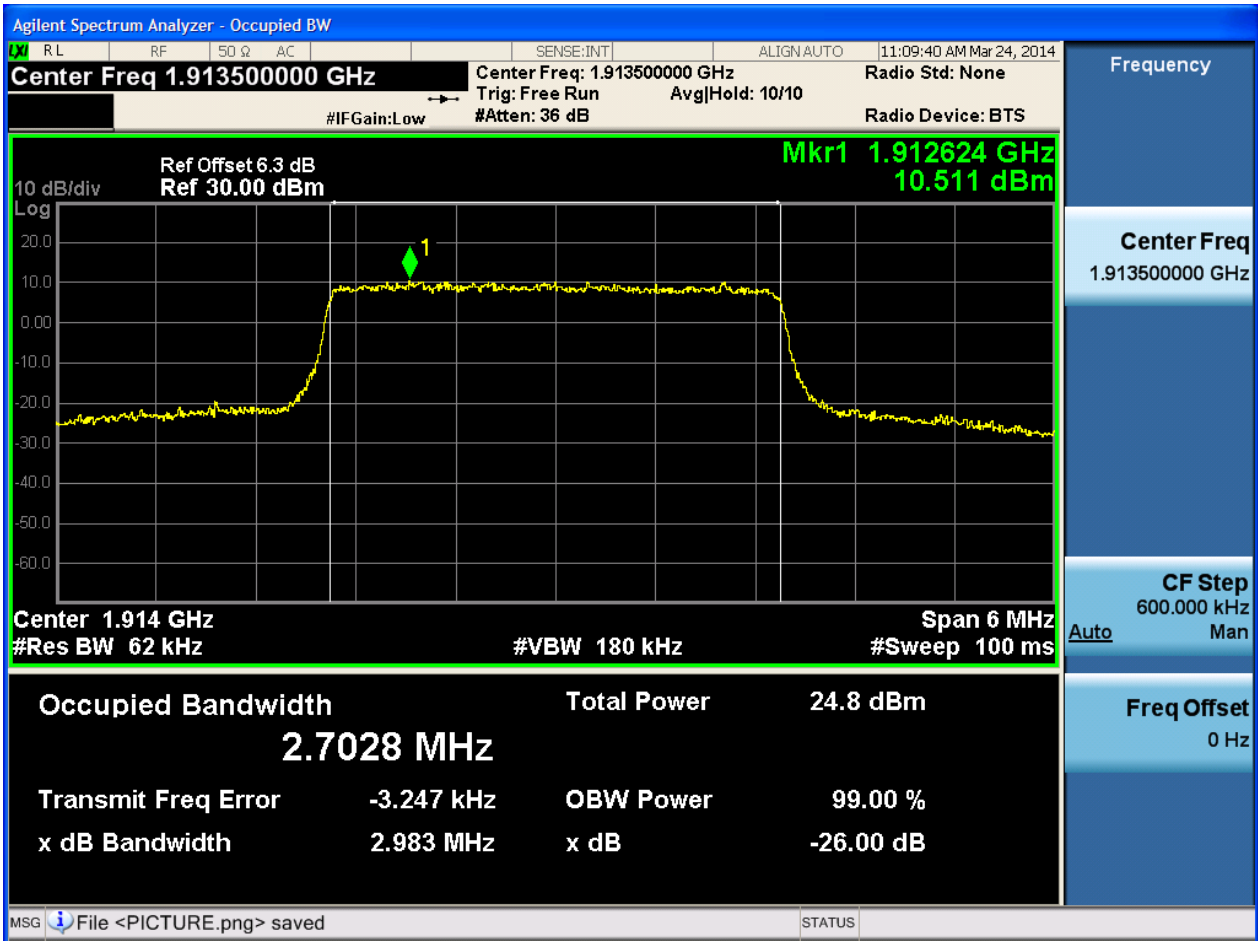
4.1.1.2.2.2.1 Test RB = RB15#0





### 4.1.1.2.2.3 Test Channel = HCH

#### 4.1.1.2.2.3.1 Test RB = RB15#0

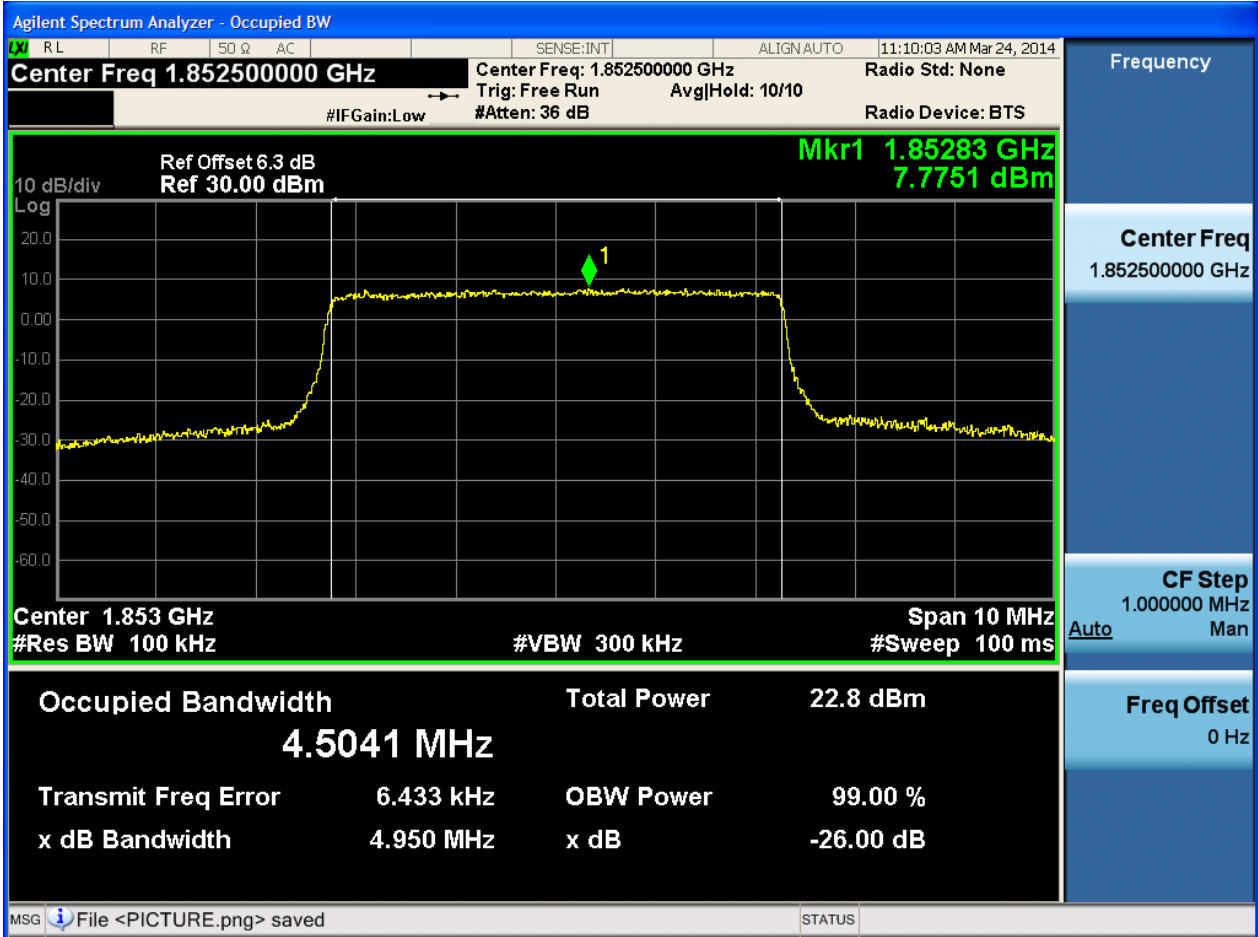




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

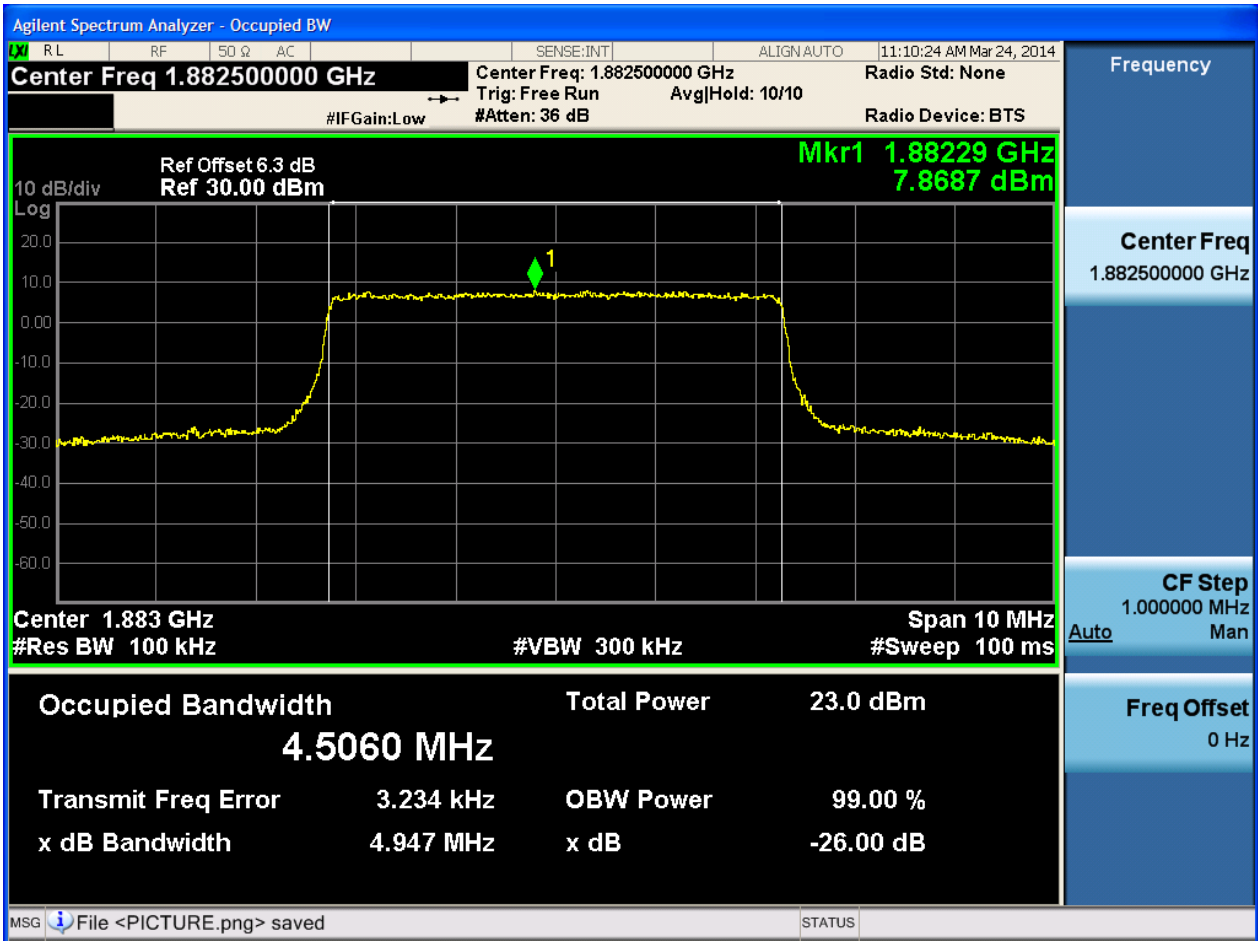
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0

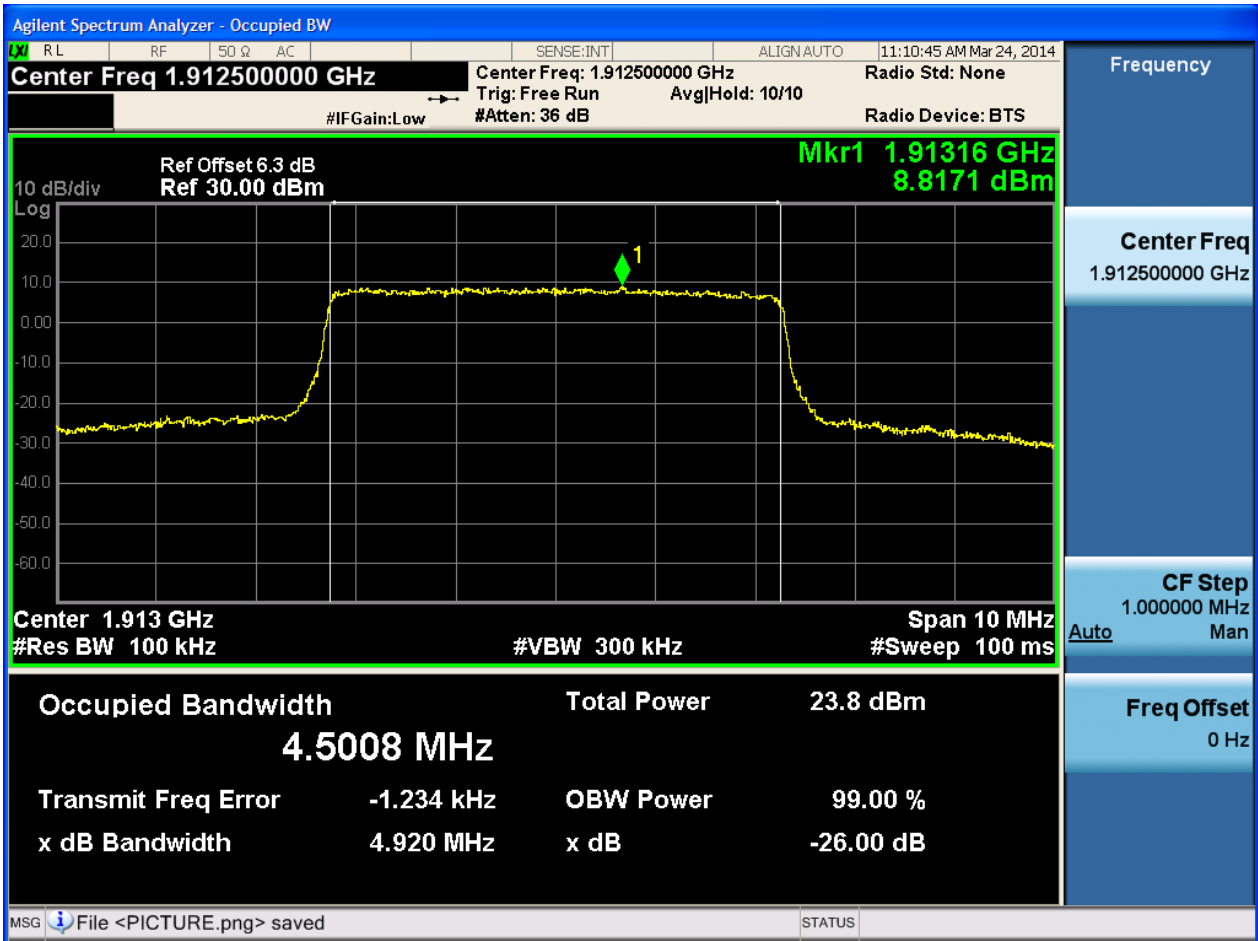






4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

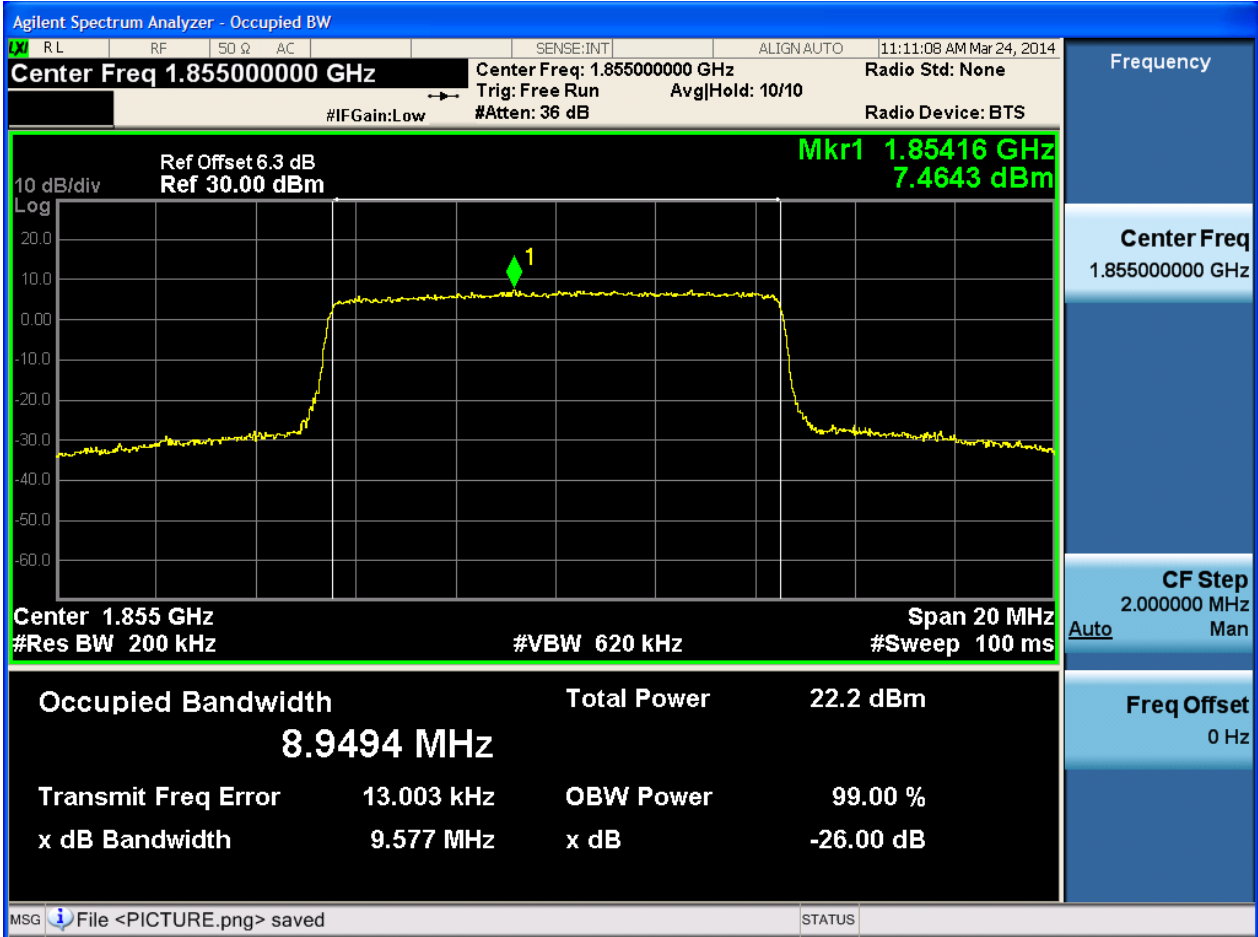




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

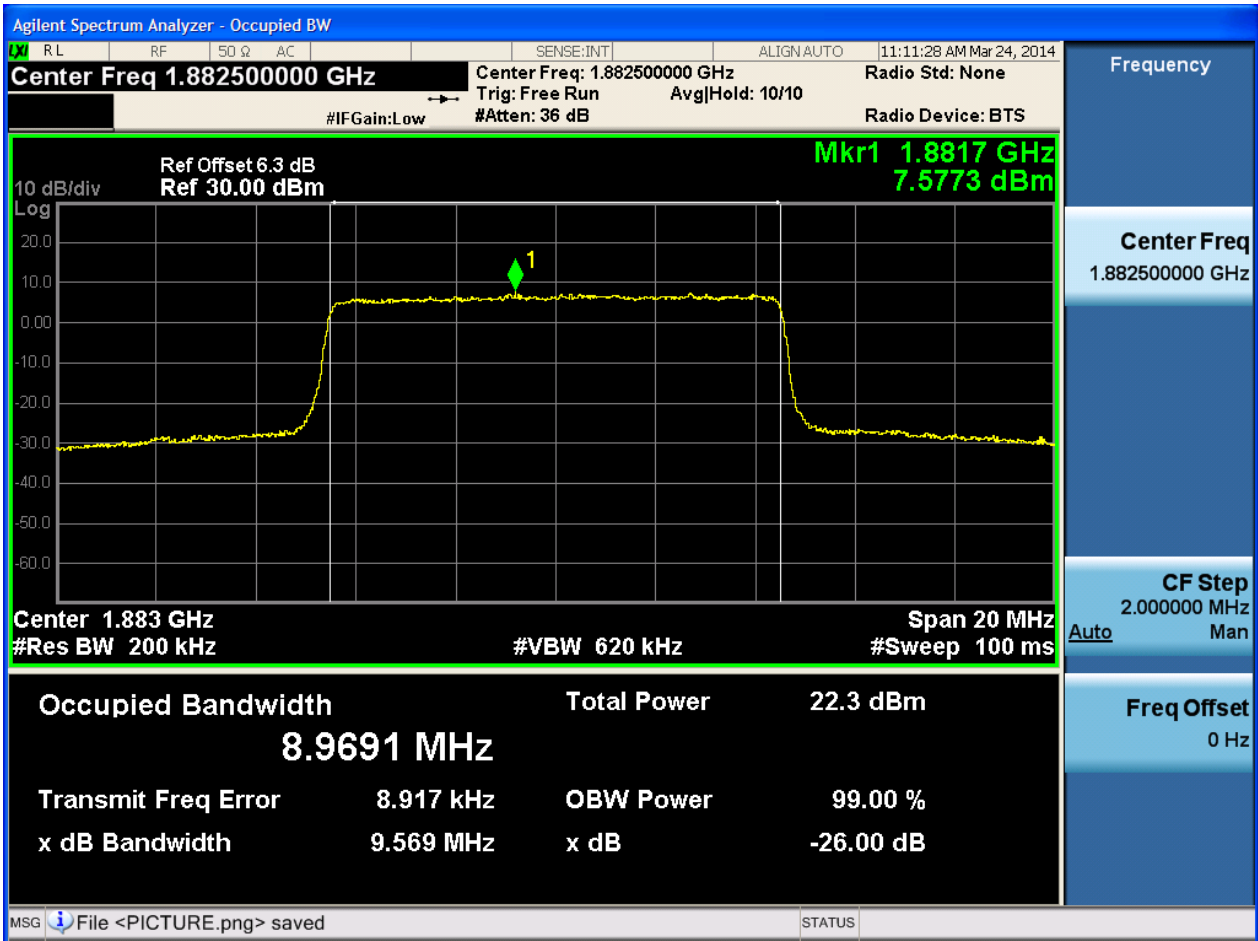
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

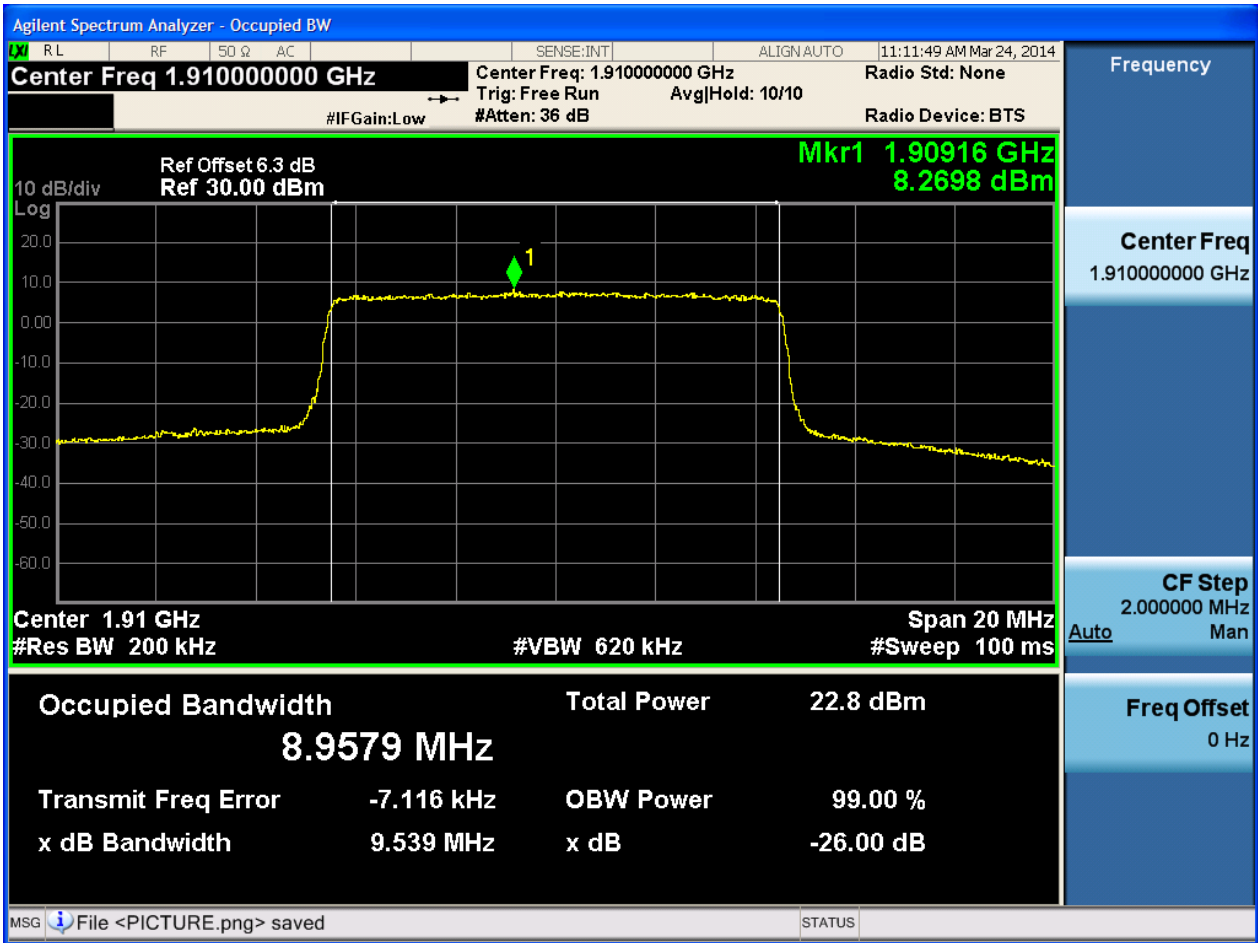
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

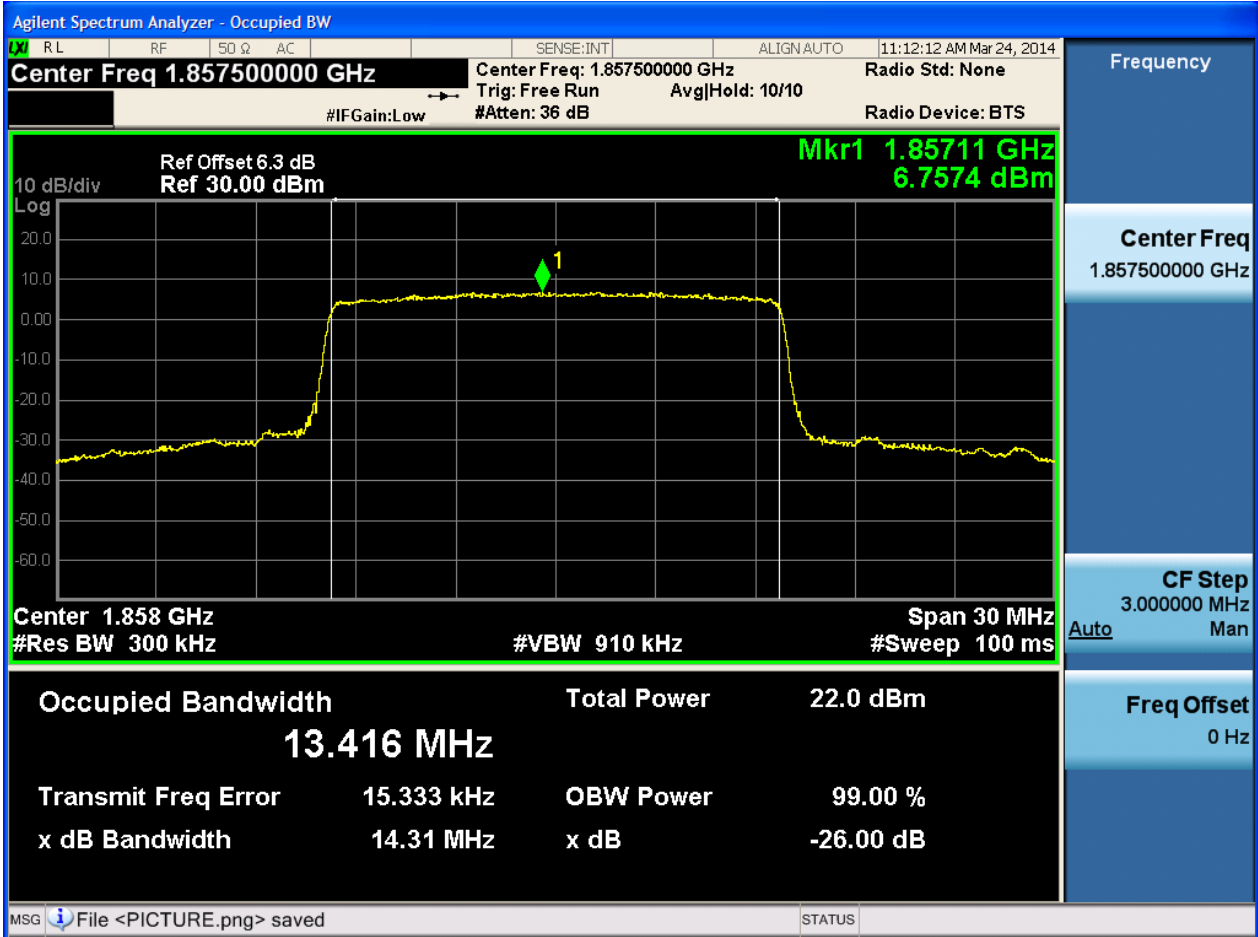




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

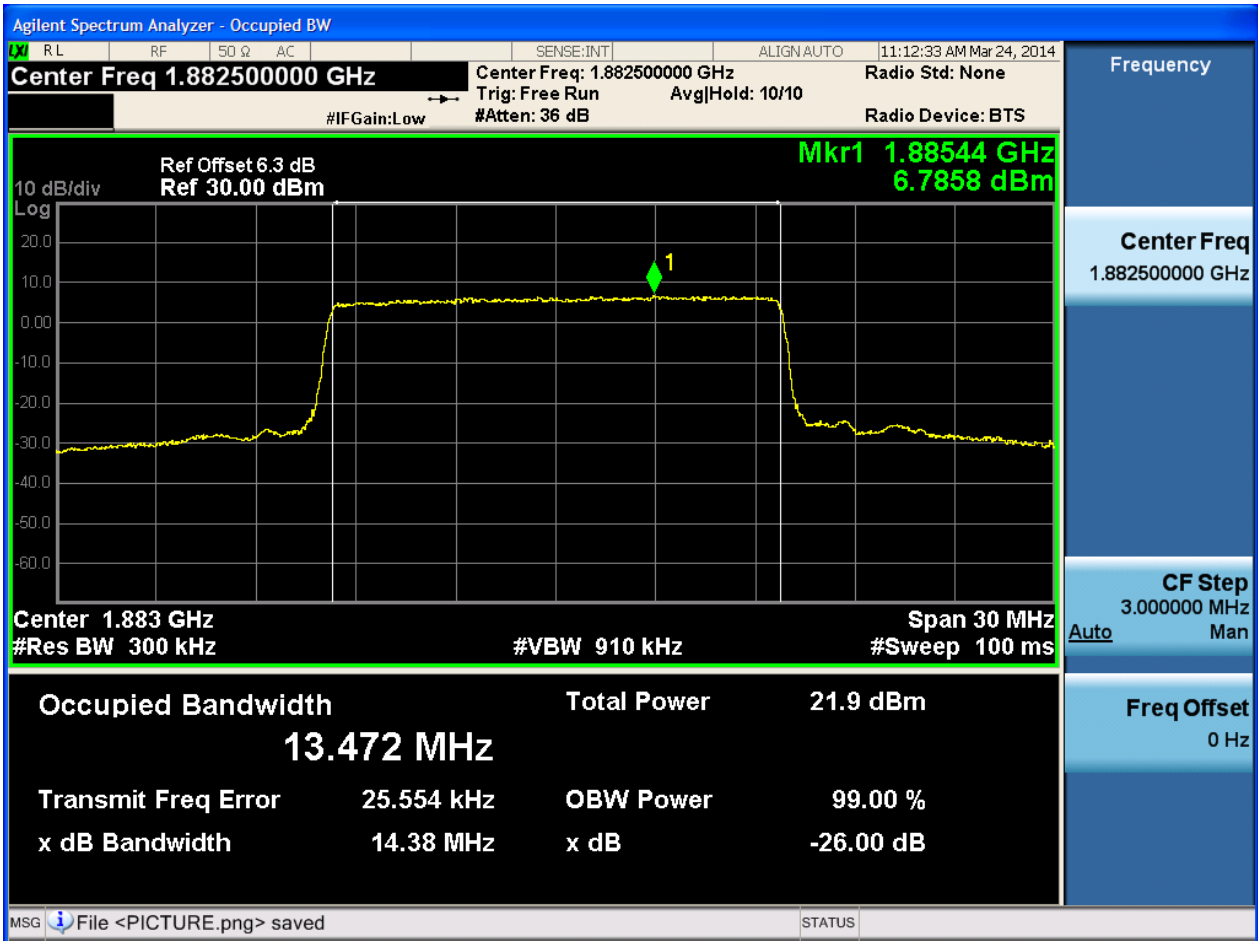
4.1.1.2.5.1.1 Test RB = RB75#0





### 4.1.1.2.5.2 Test Channel = MCH

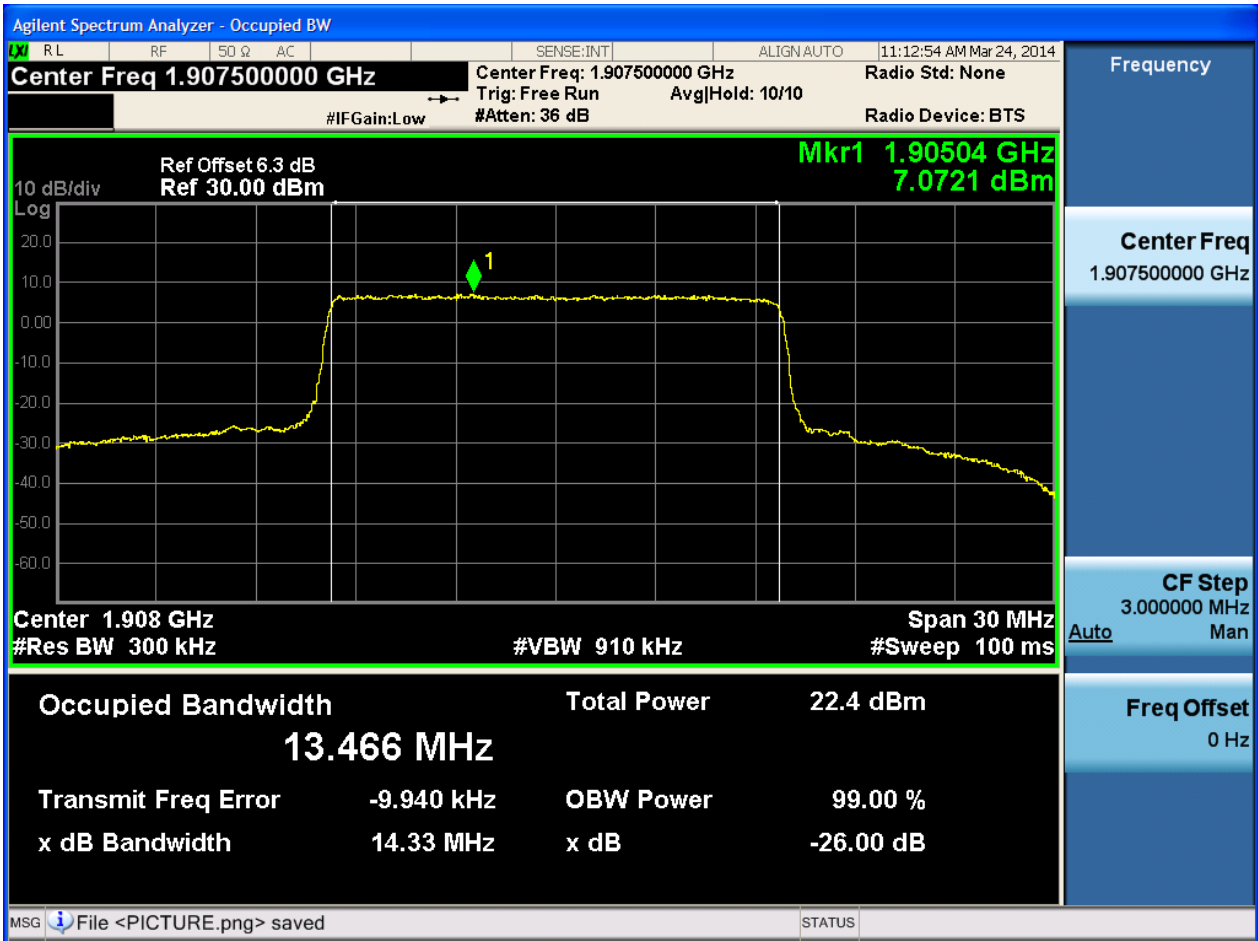
#### 4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

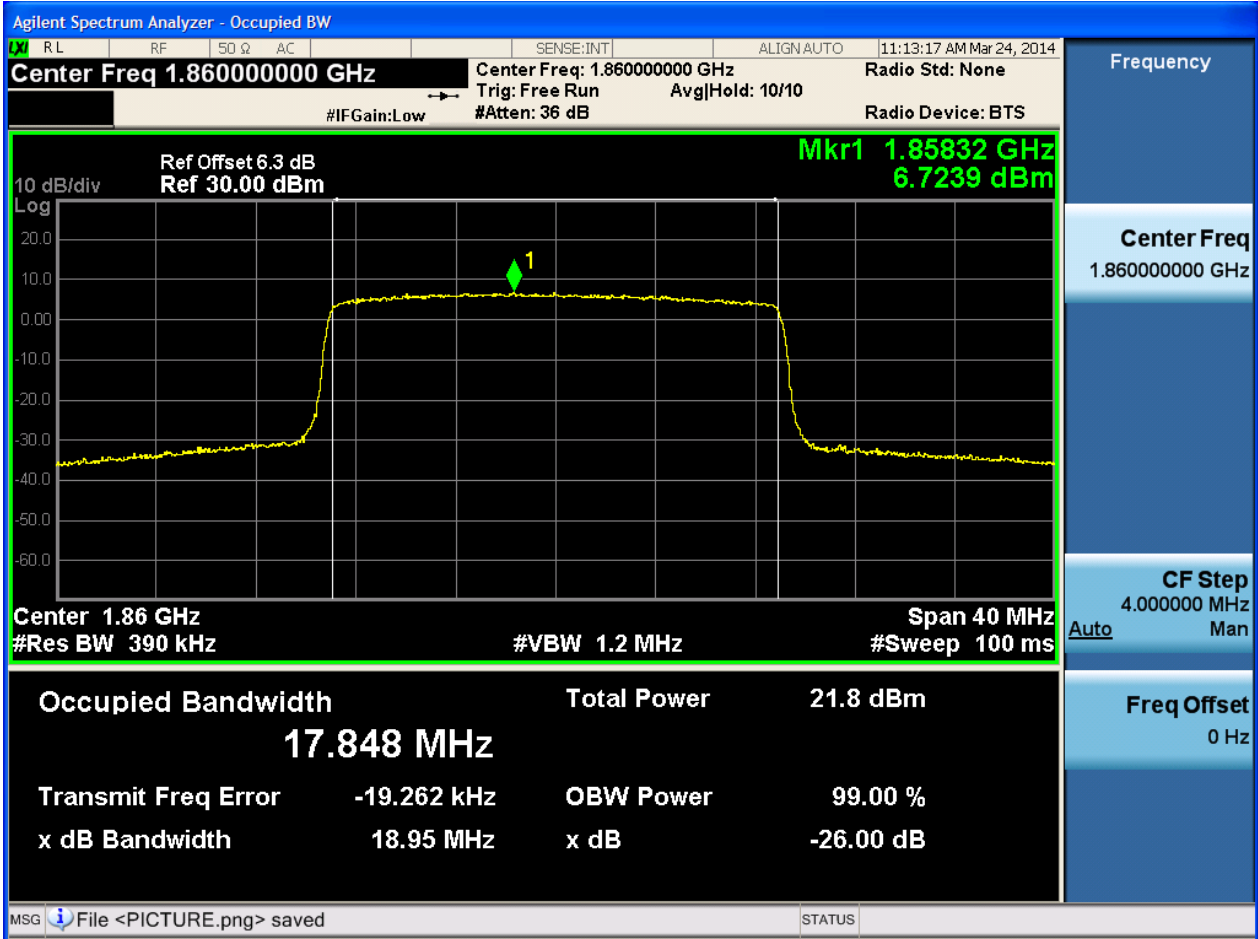




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0

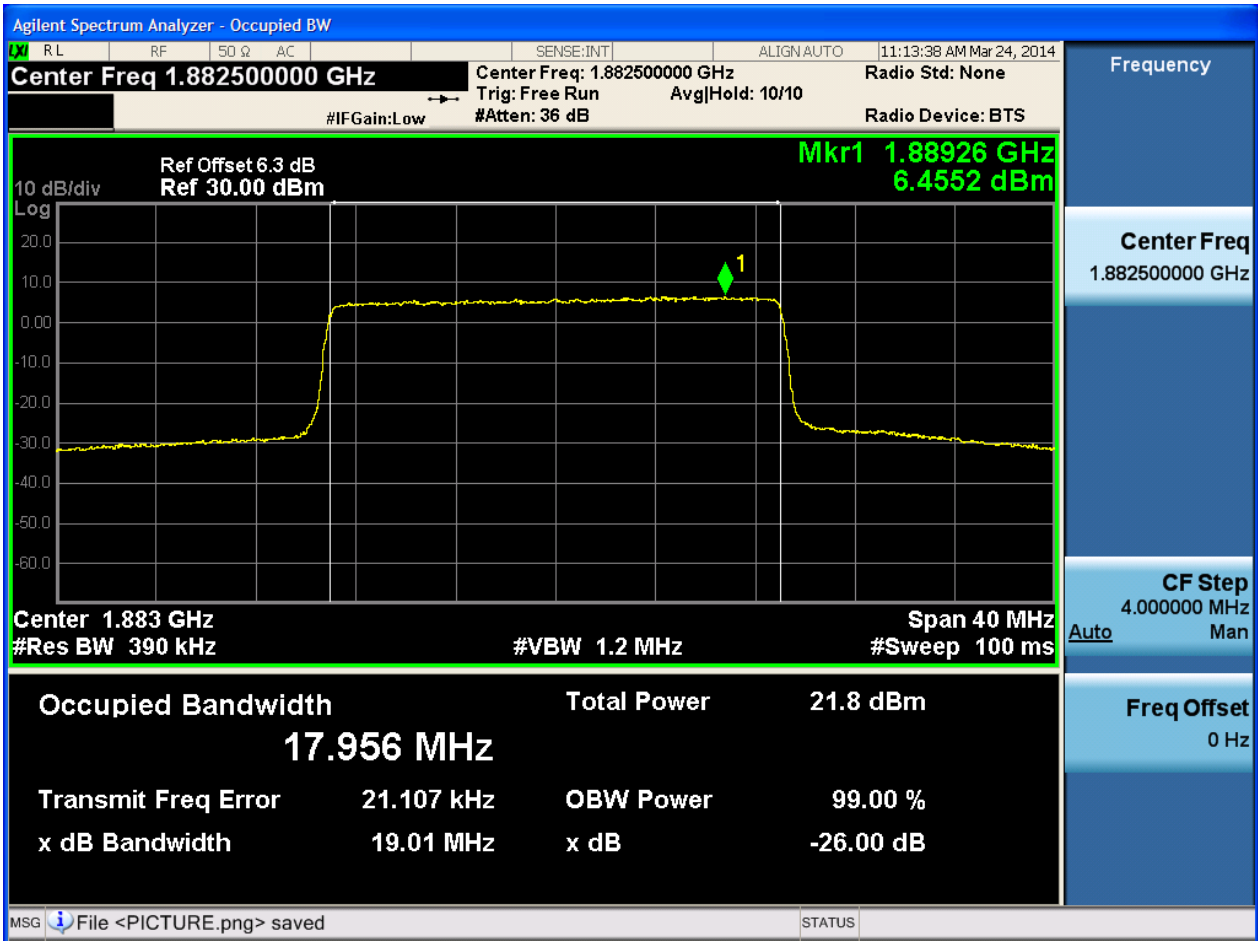






4.1.1.2.6.2 Test Channel = MCH

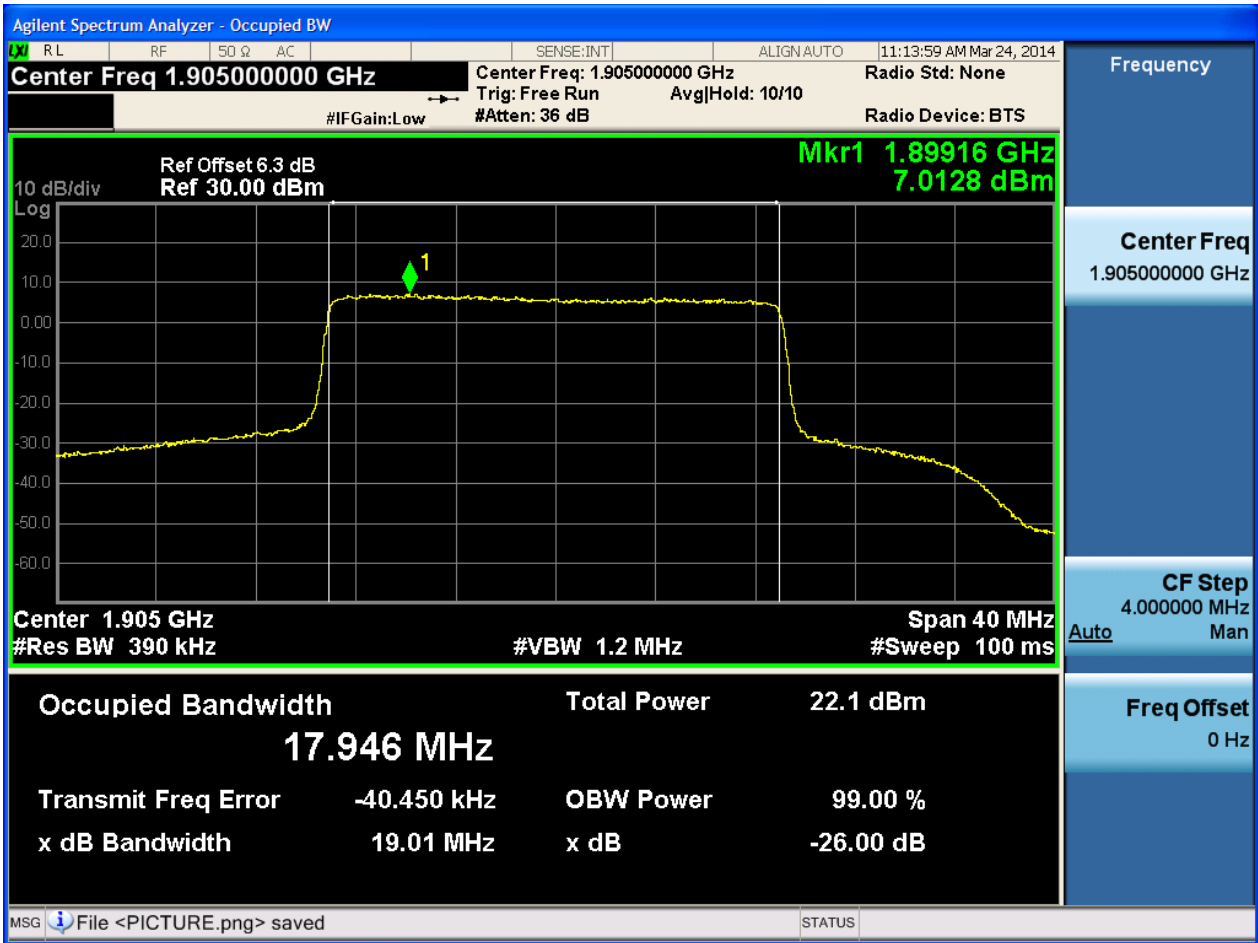
4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0







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





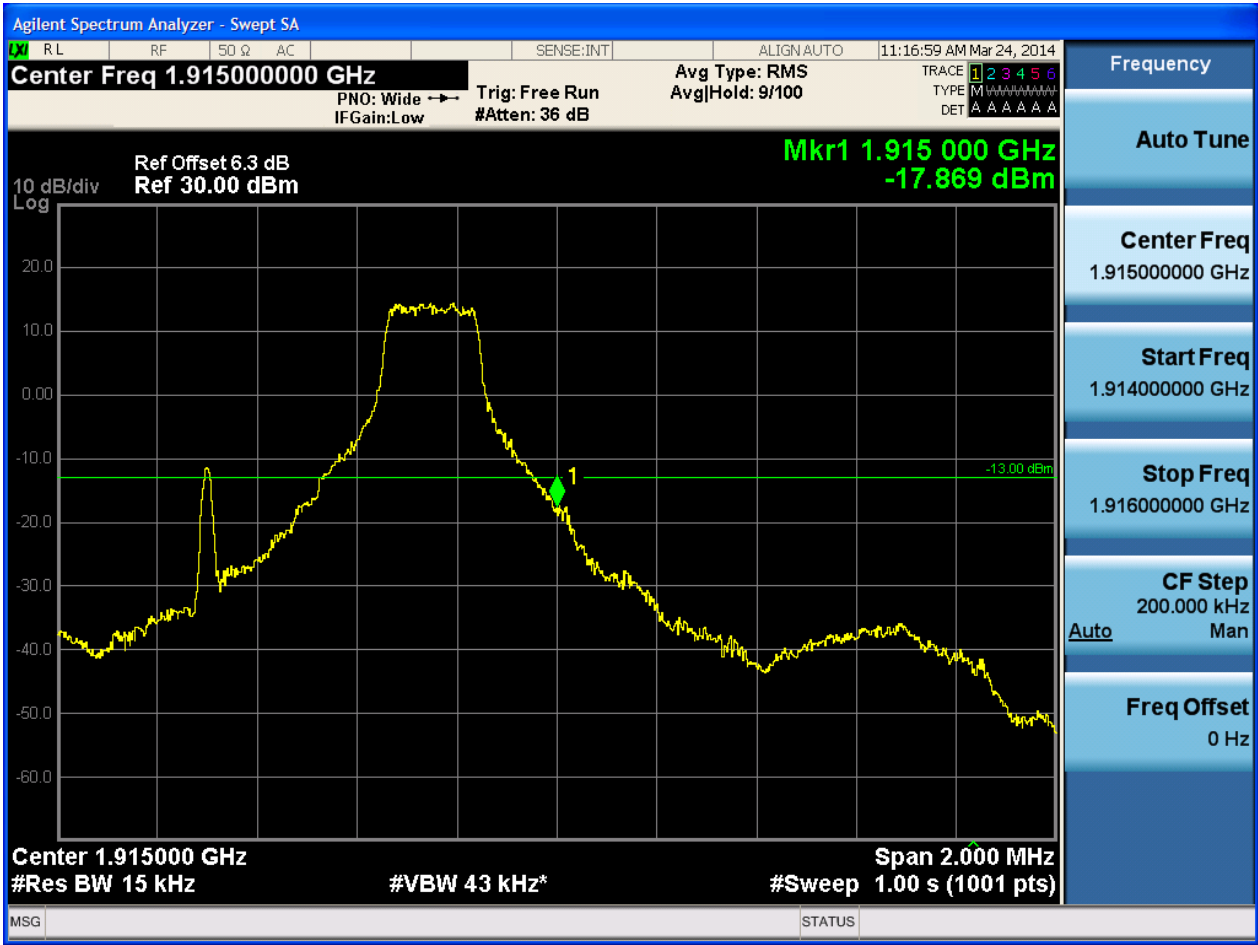
5.1.1.1.1.2 Test Channel = HCH

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

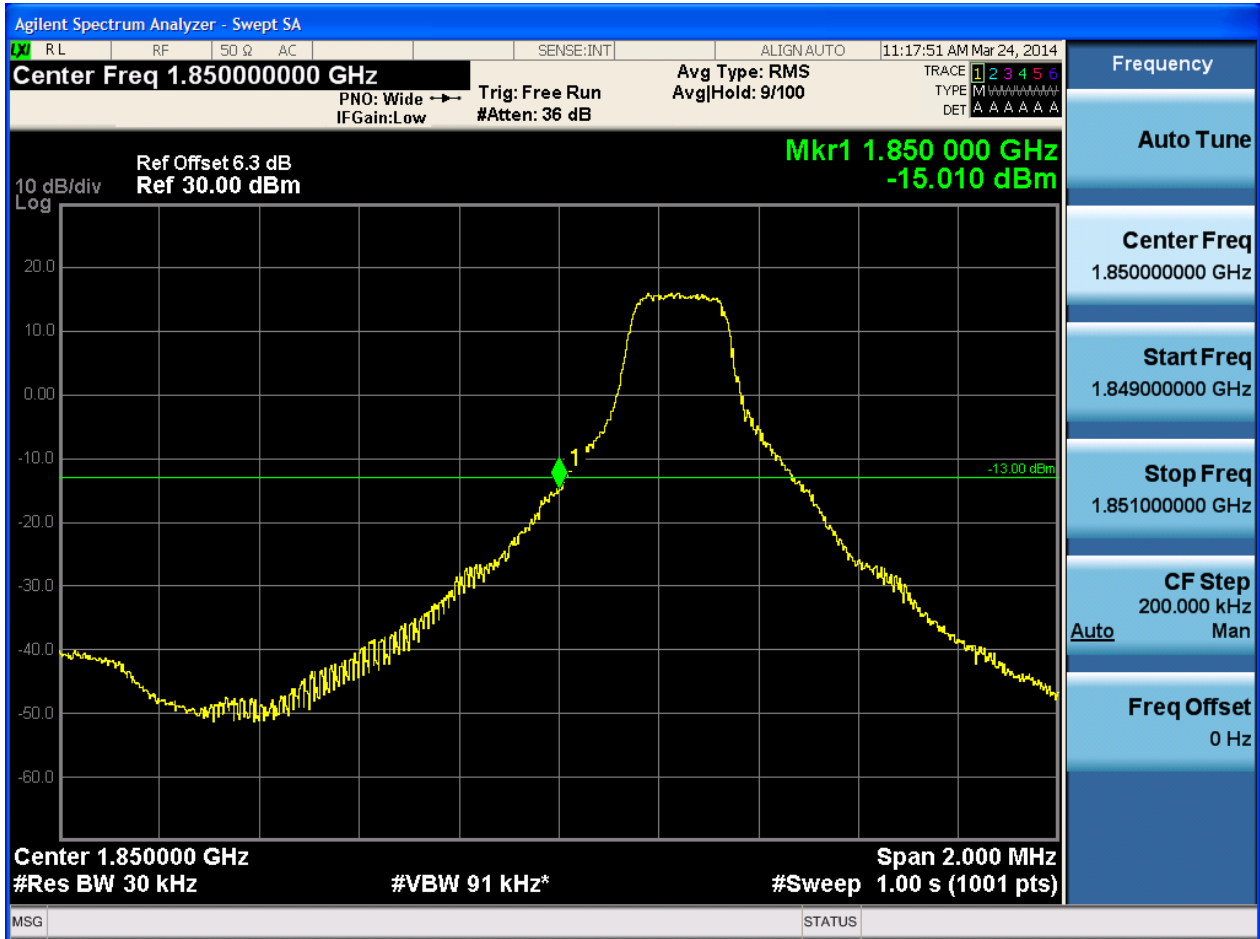




5.1.1.1.2 Test Bandwidth = 3

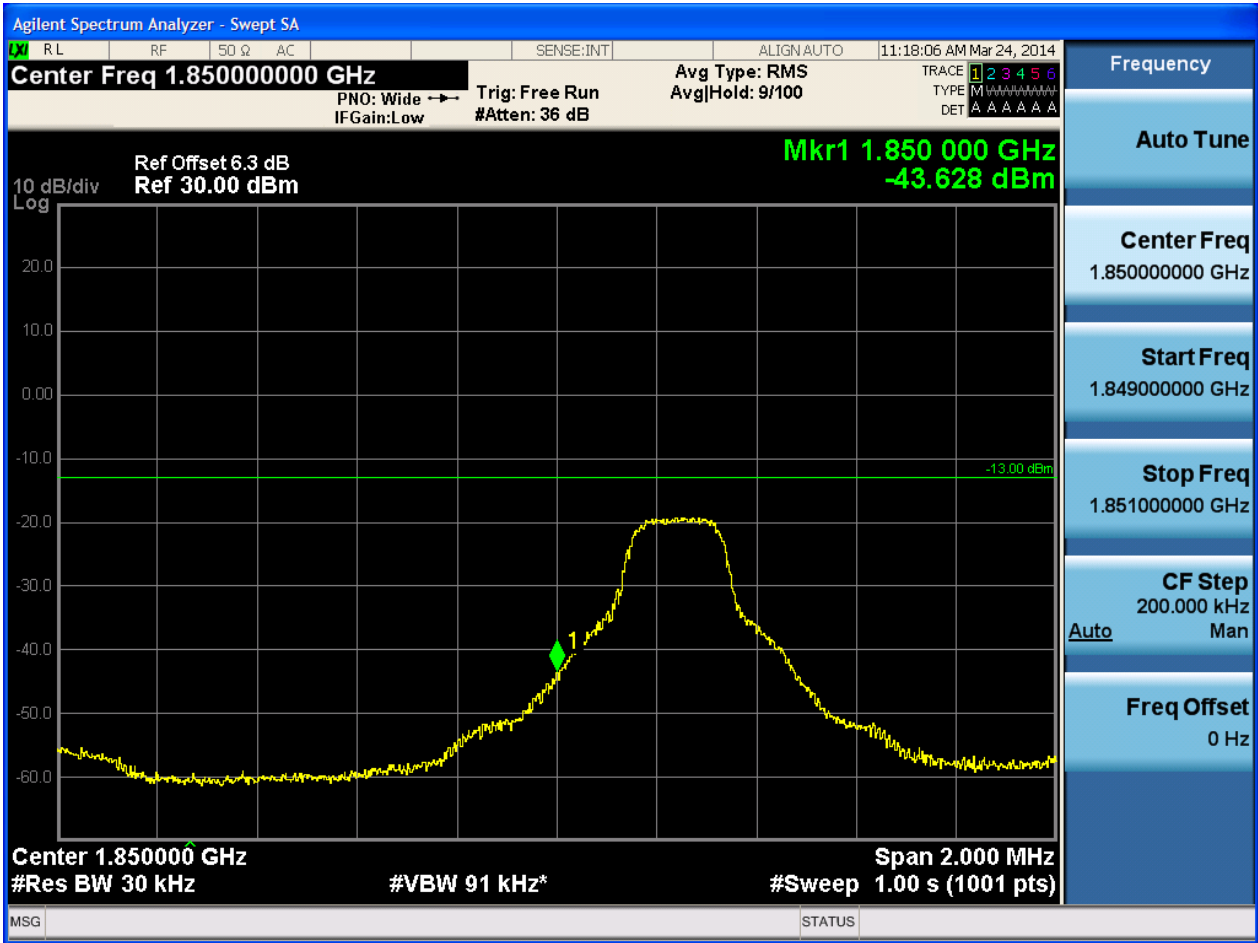
5.1.1.1.2.1 Test Channel = LCH

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





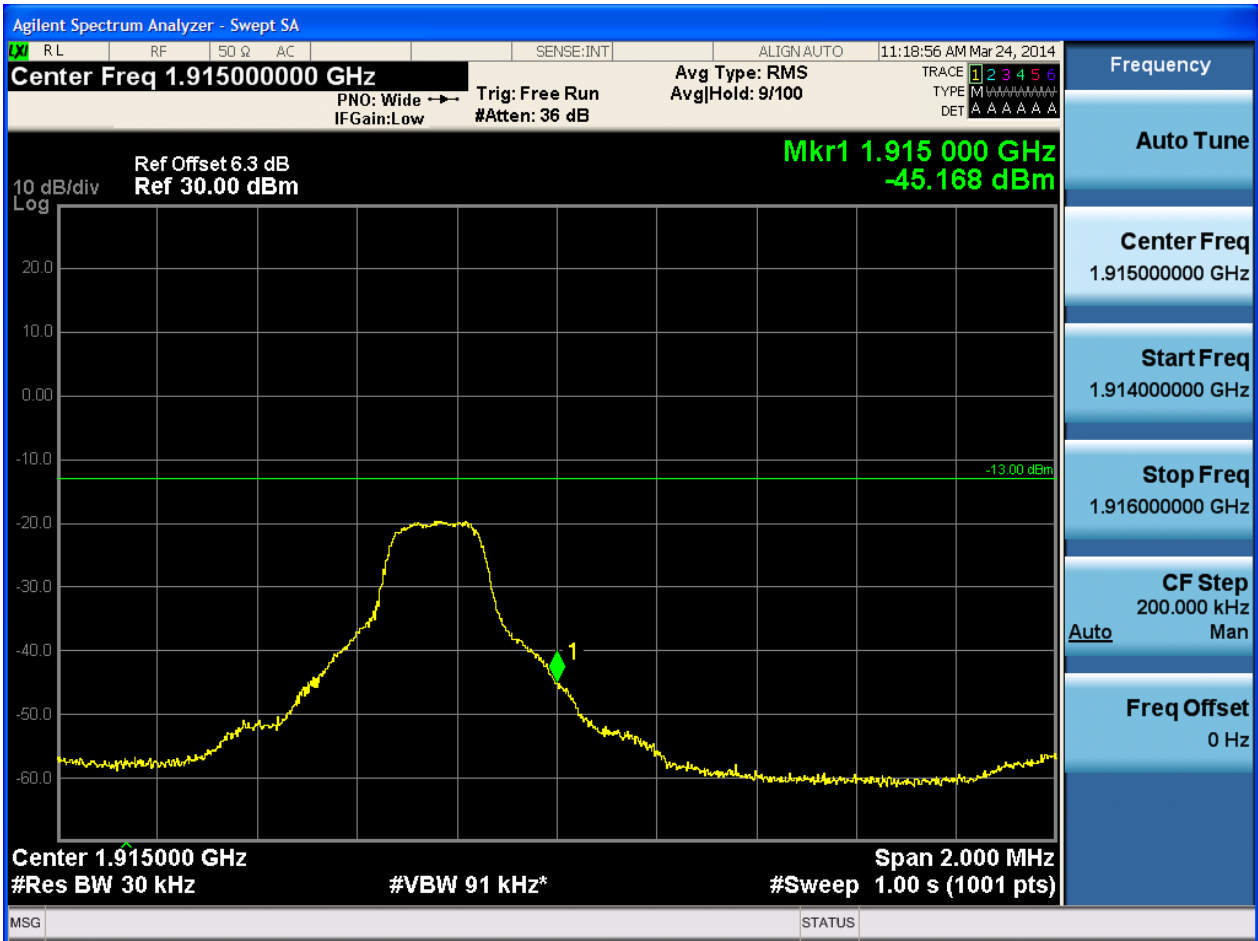
5.1.1.1.2.1.4 Test RB = RB15#0





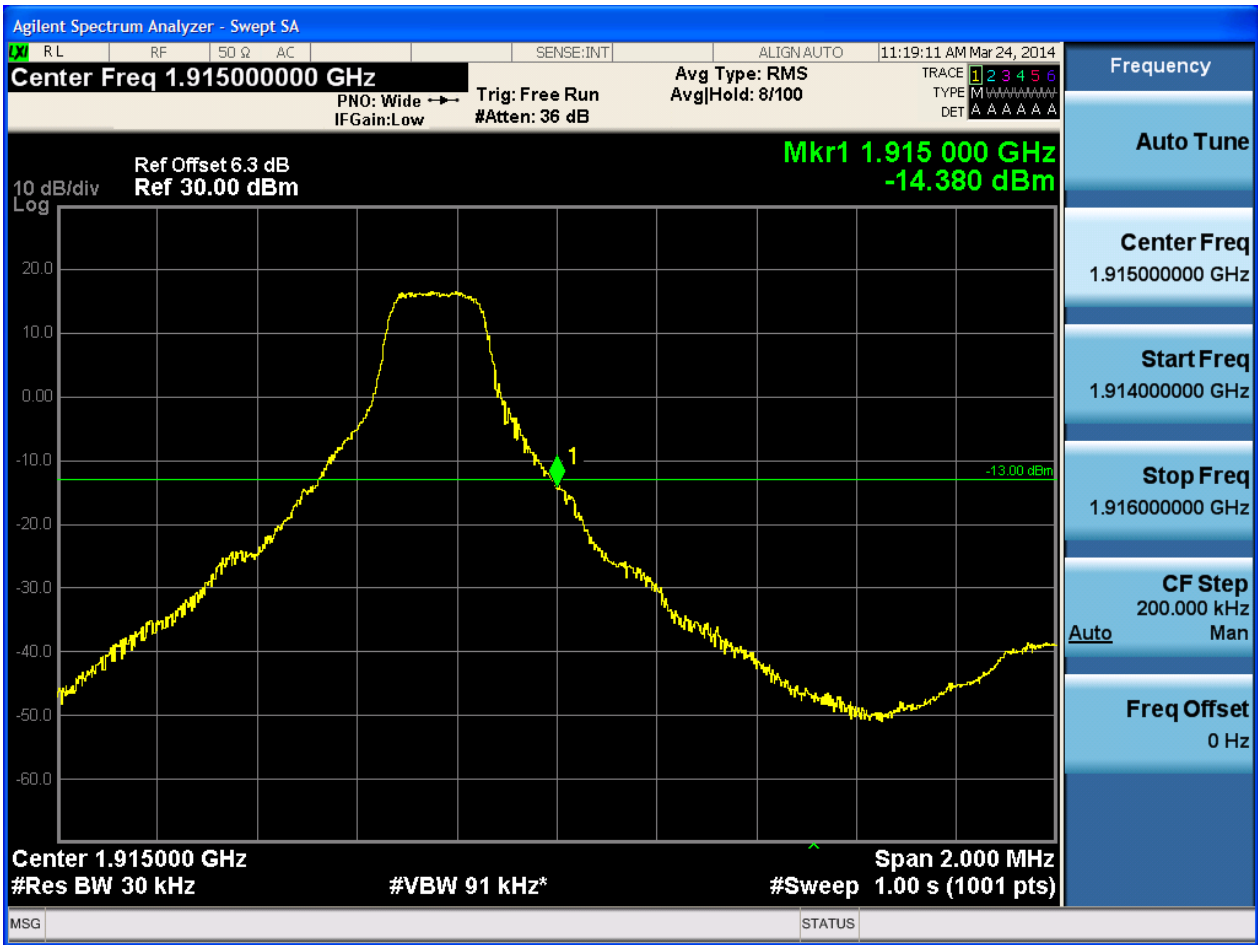
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





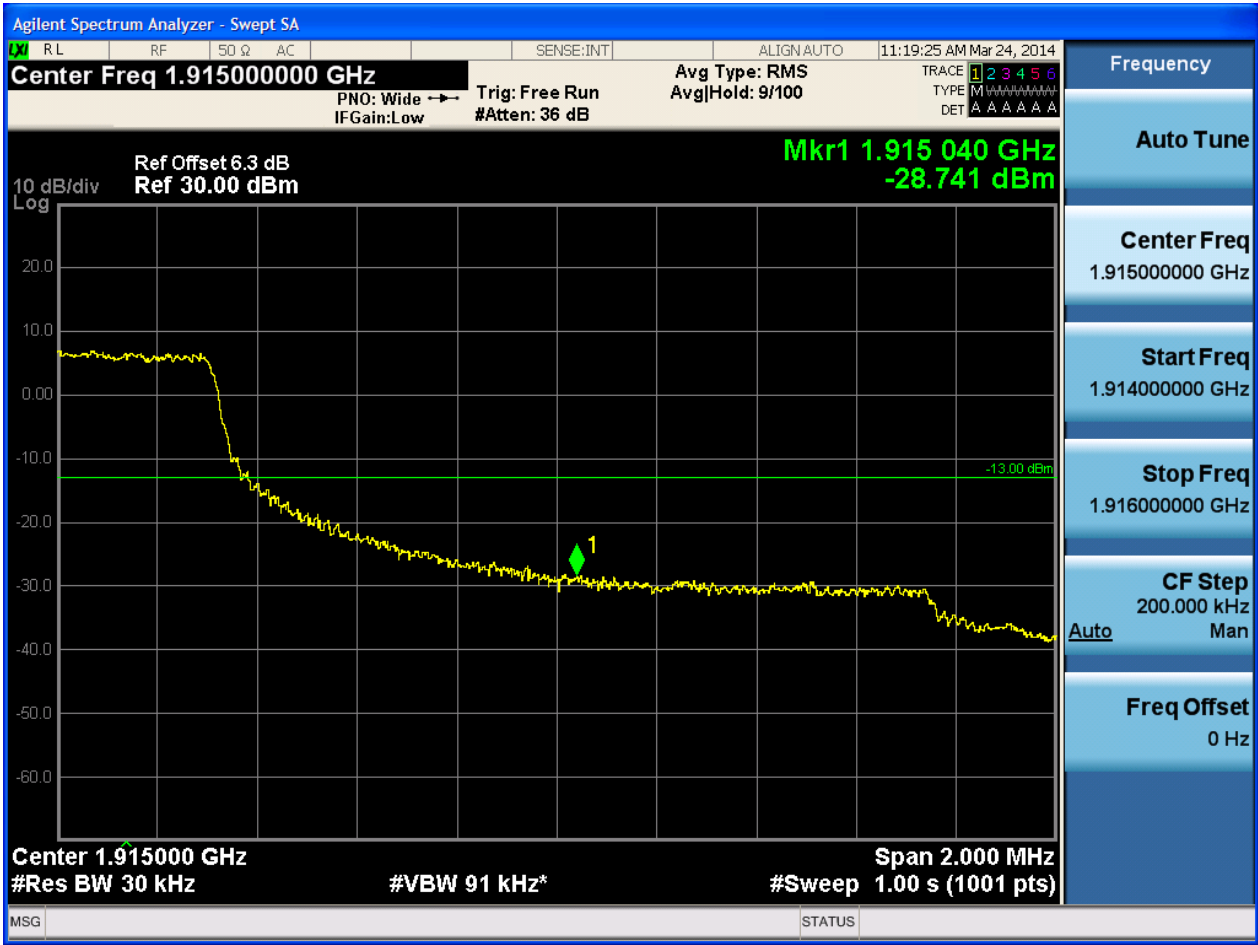
5.1.1.1.2.2.2 Test RB = RB1#14







5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

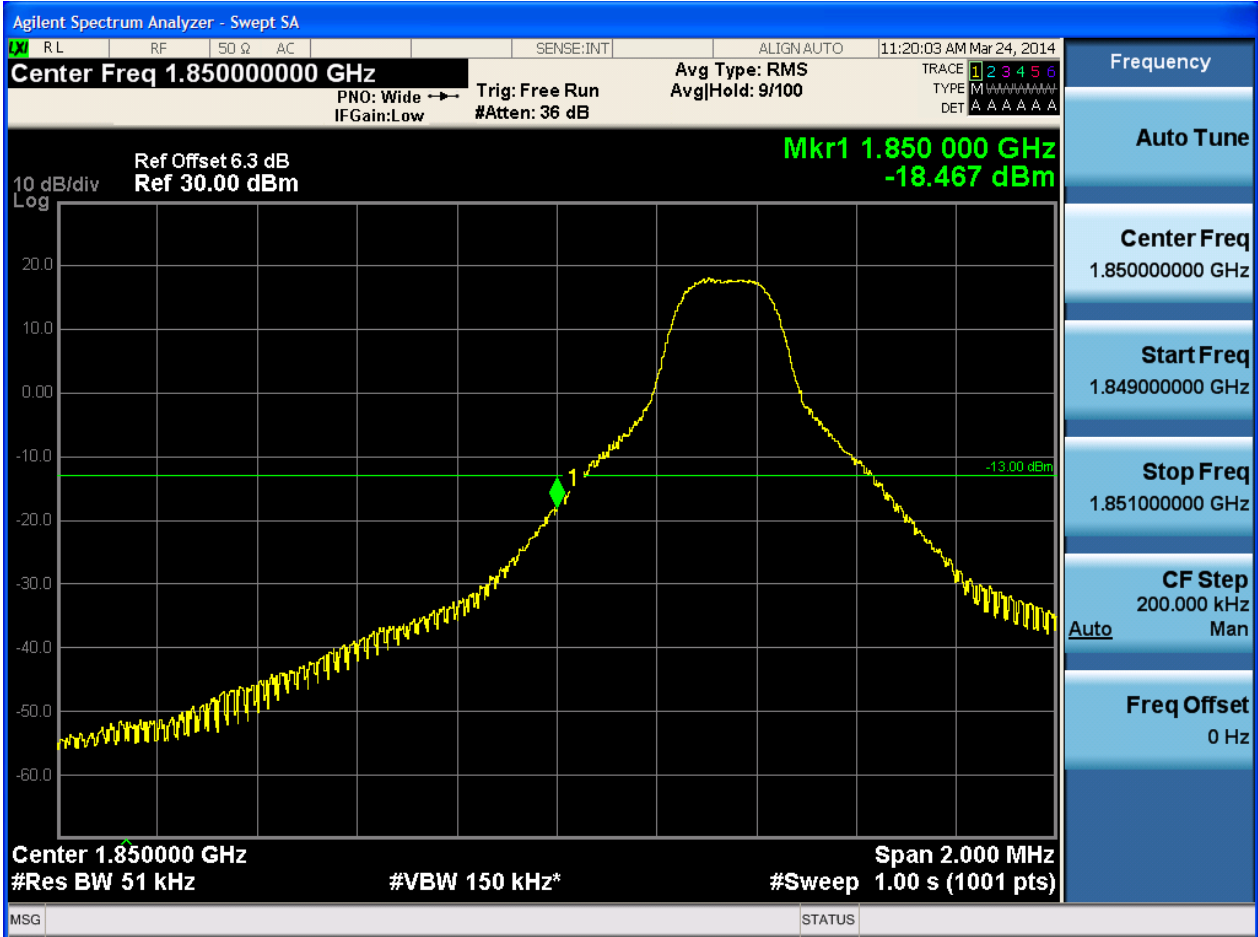




5.1.1.1.3 Test Bandwidth = 5

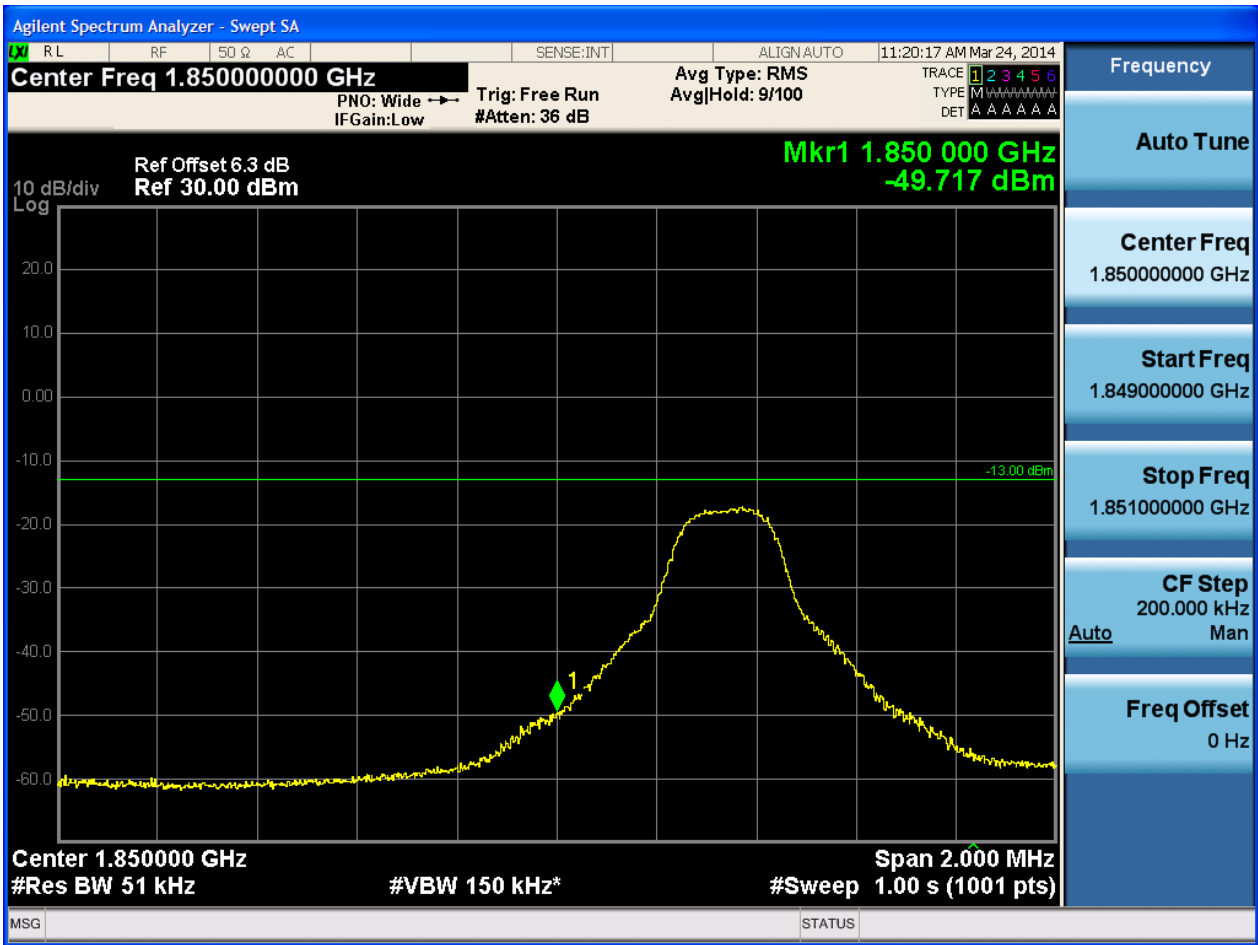
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



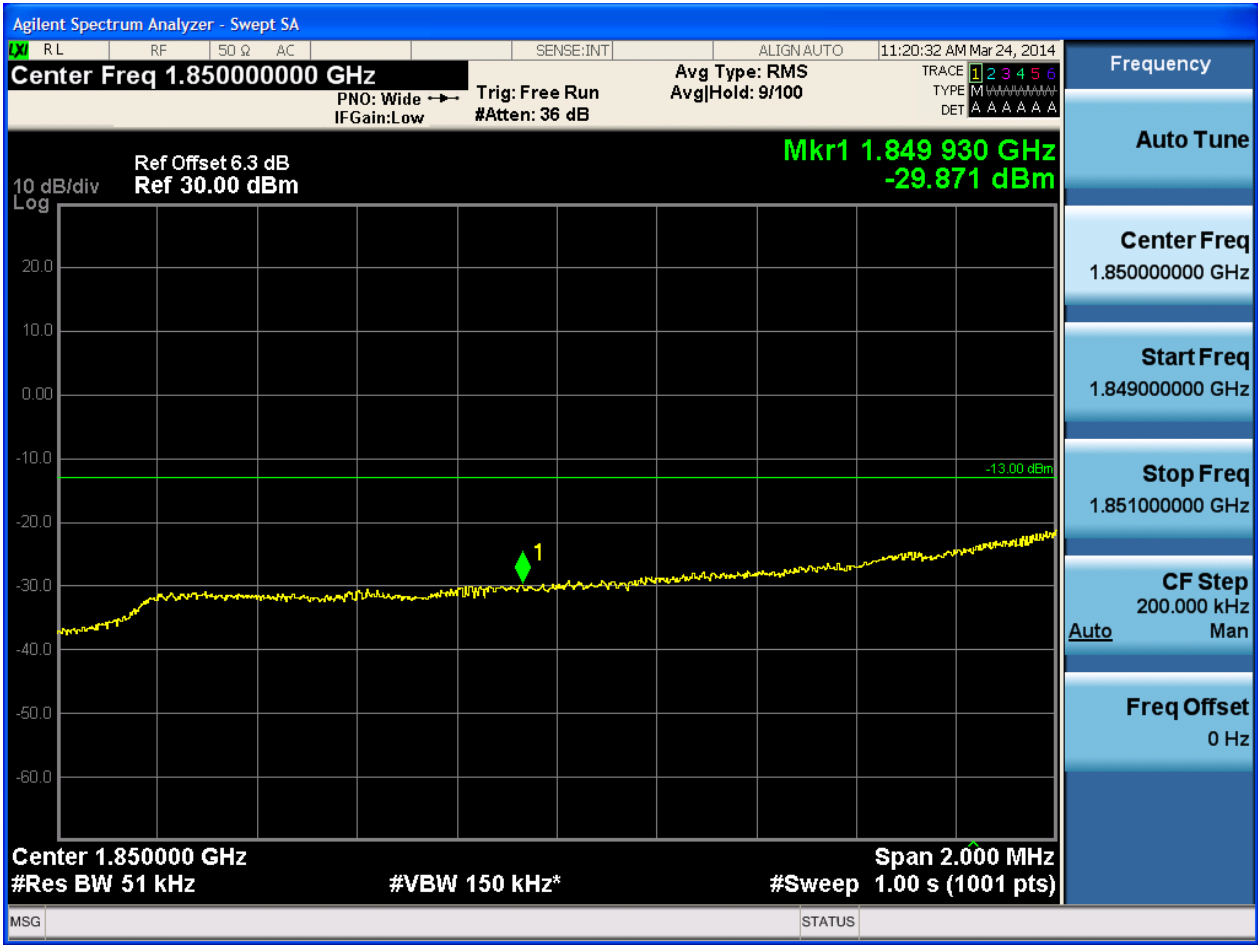


5.1.1.1.3.1.2 Test RB = RB1#24



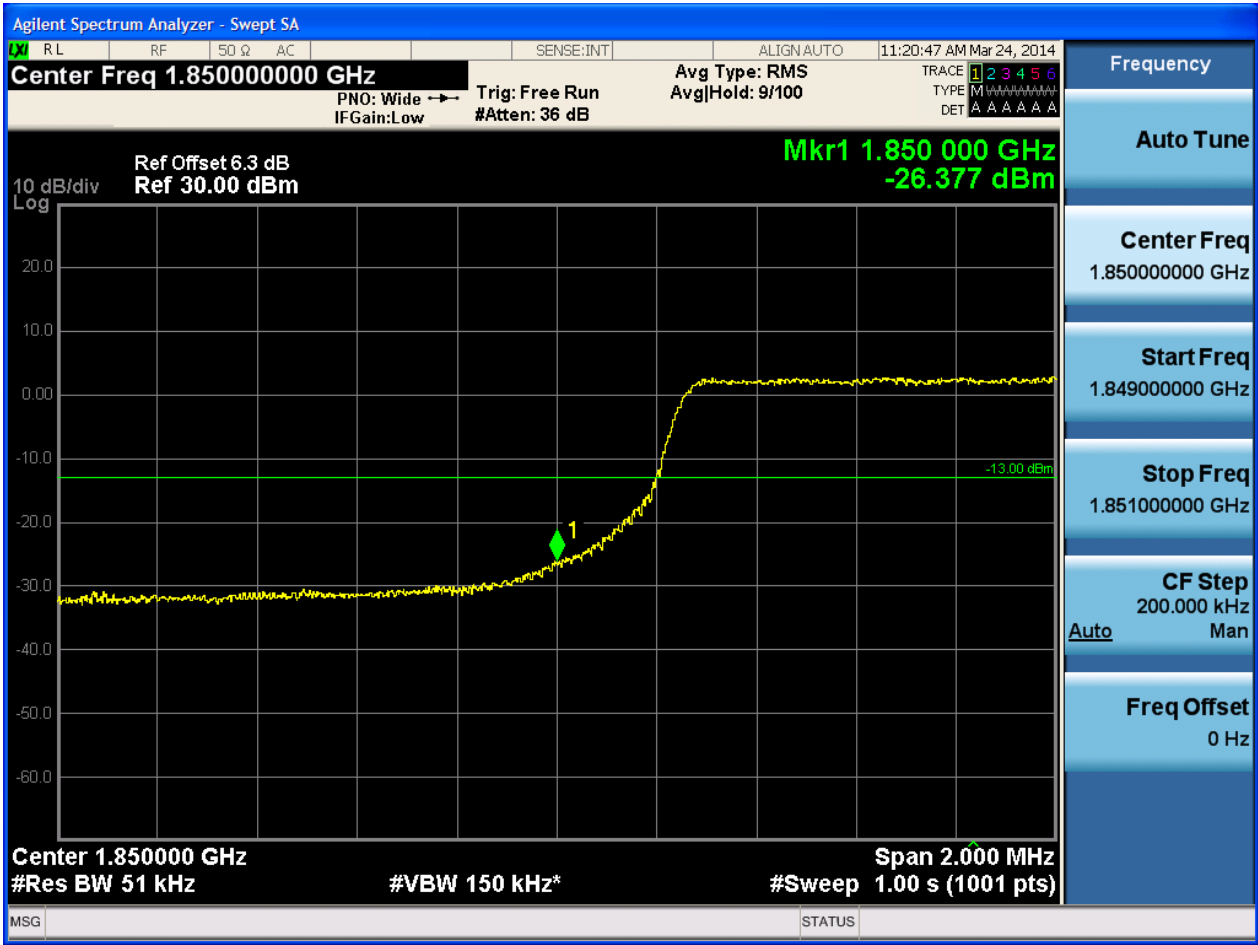


5.1.1.1.3.1.3 Test RB = RB12#6





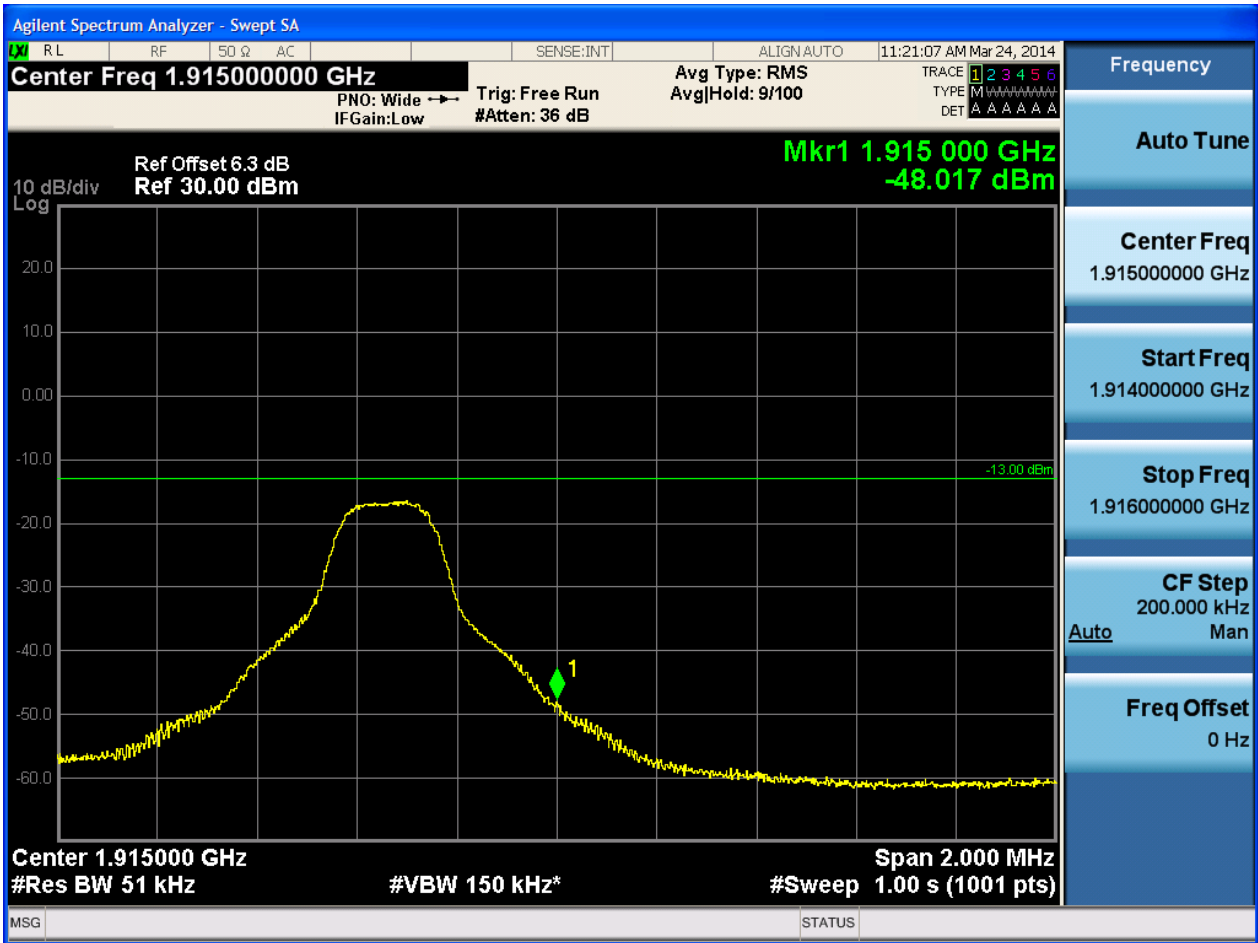
5.1.1.1.3.1.4 Test RB = RB25#0





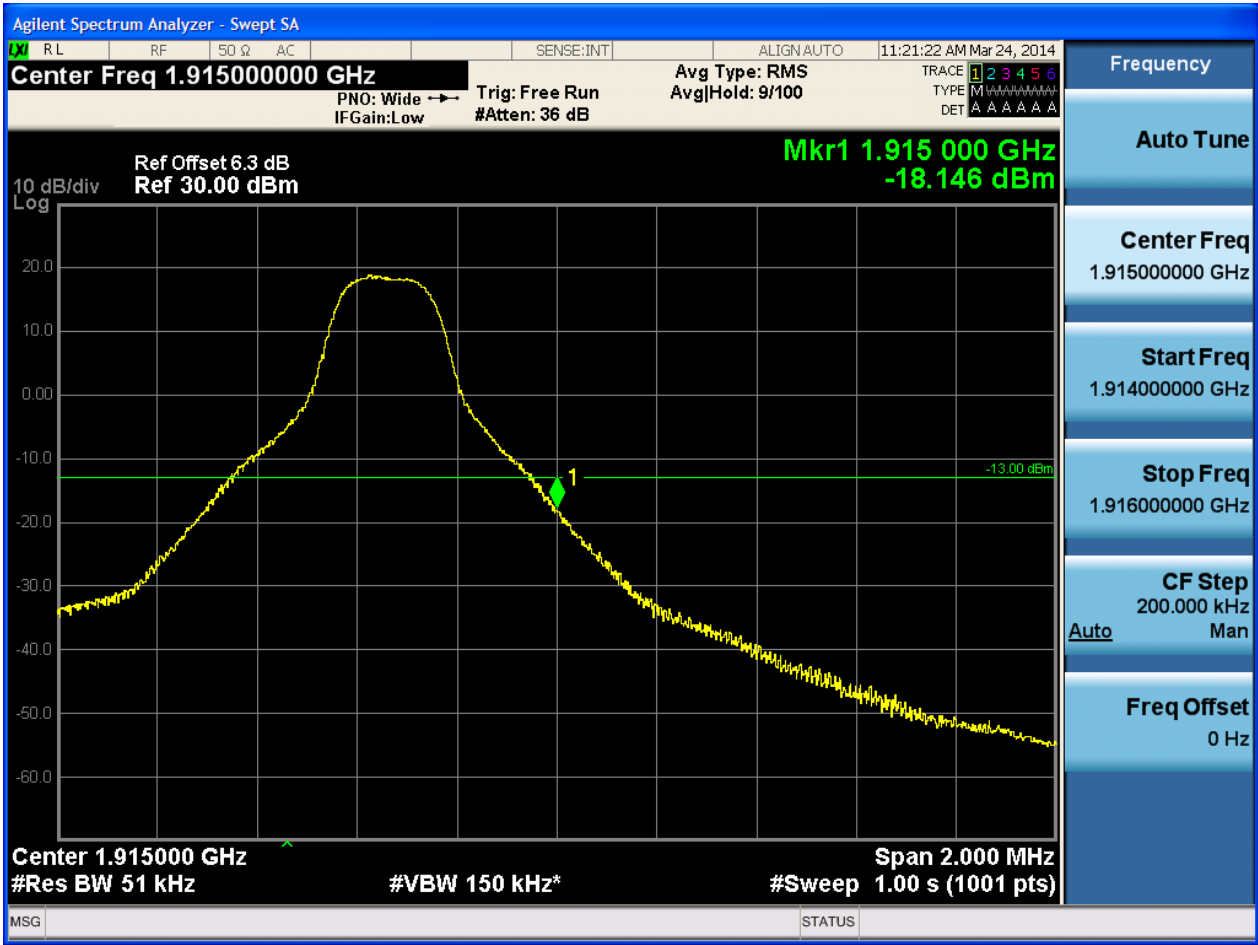
5.1.1.1.3.2 Test Channel = HCH

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

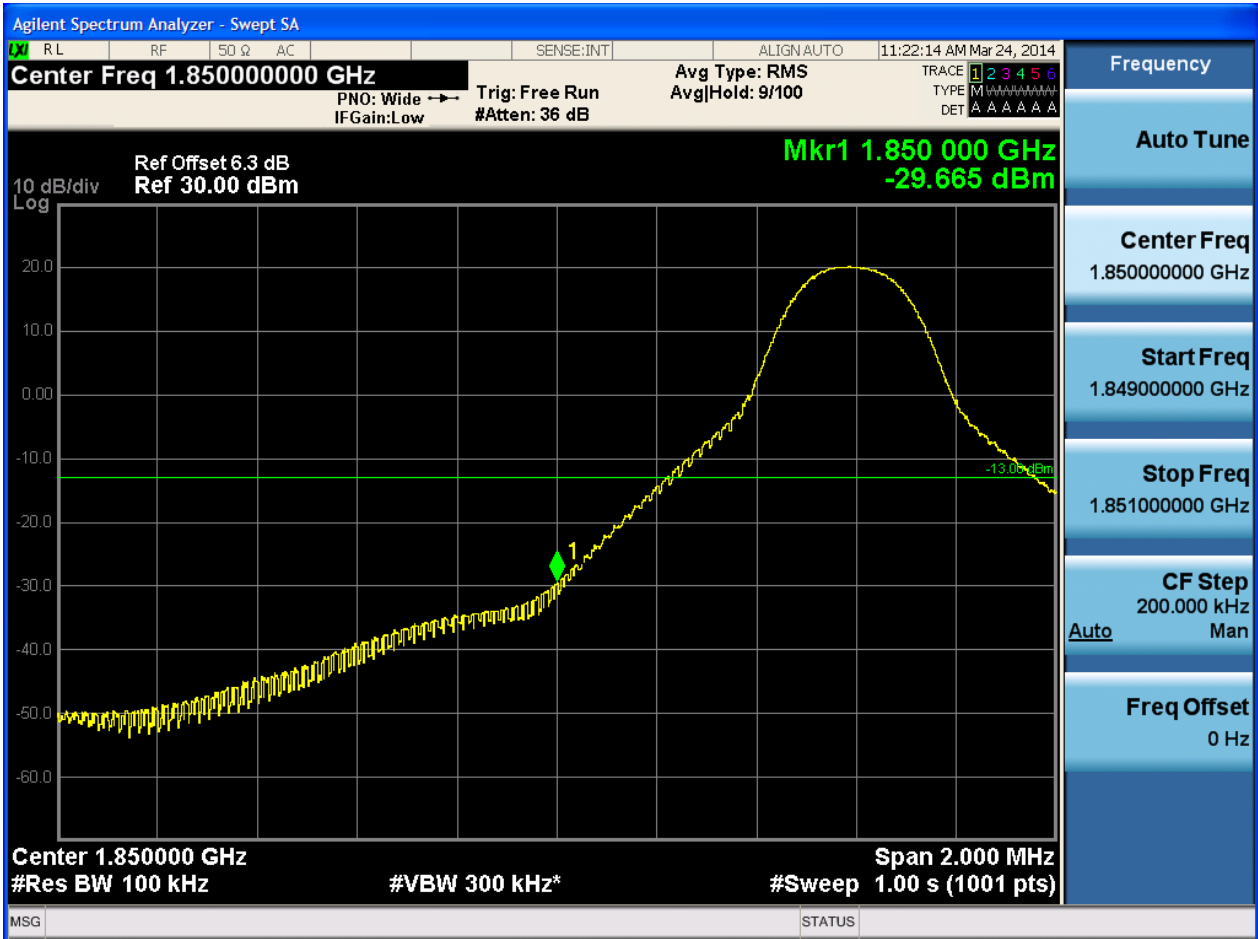




5.1.1.1.4 Test Bandwidth = 10

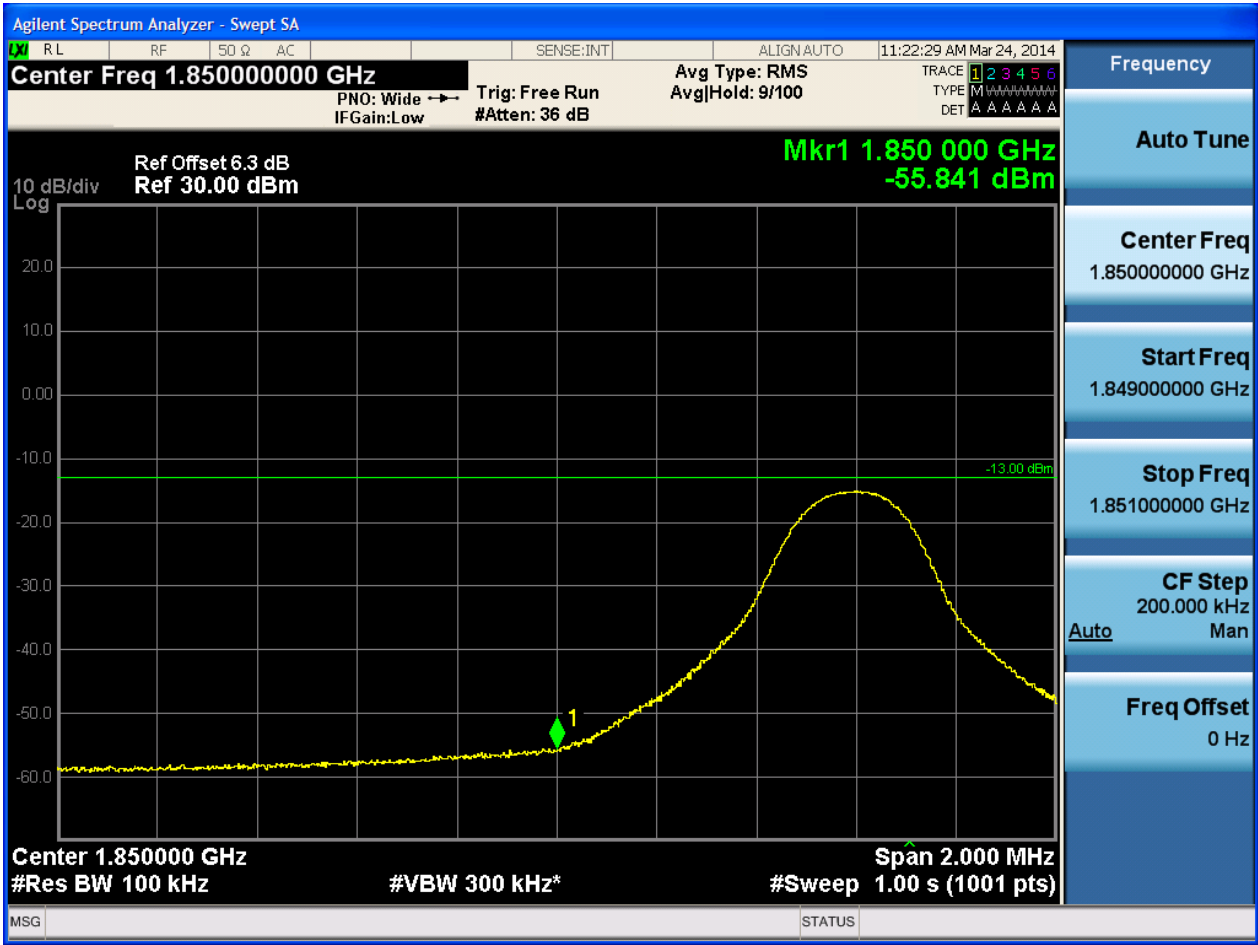
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



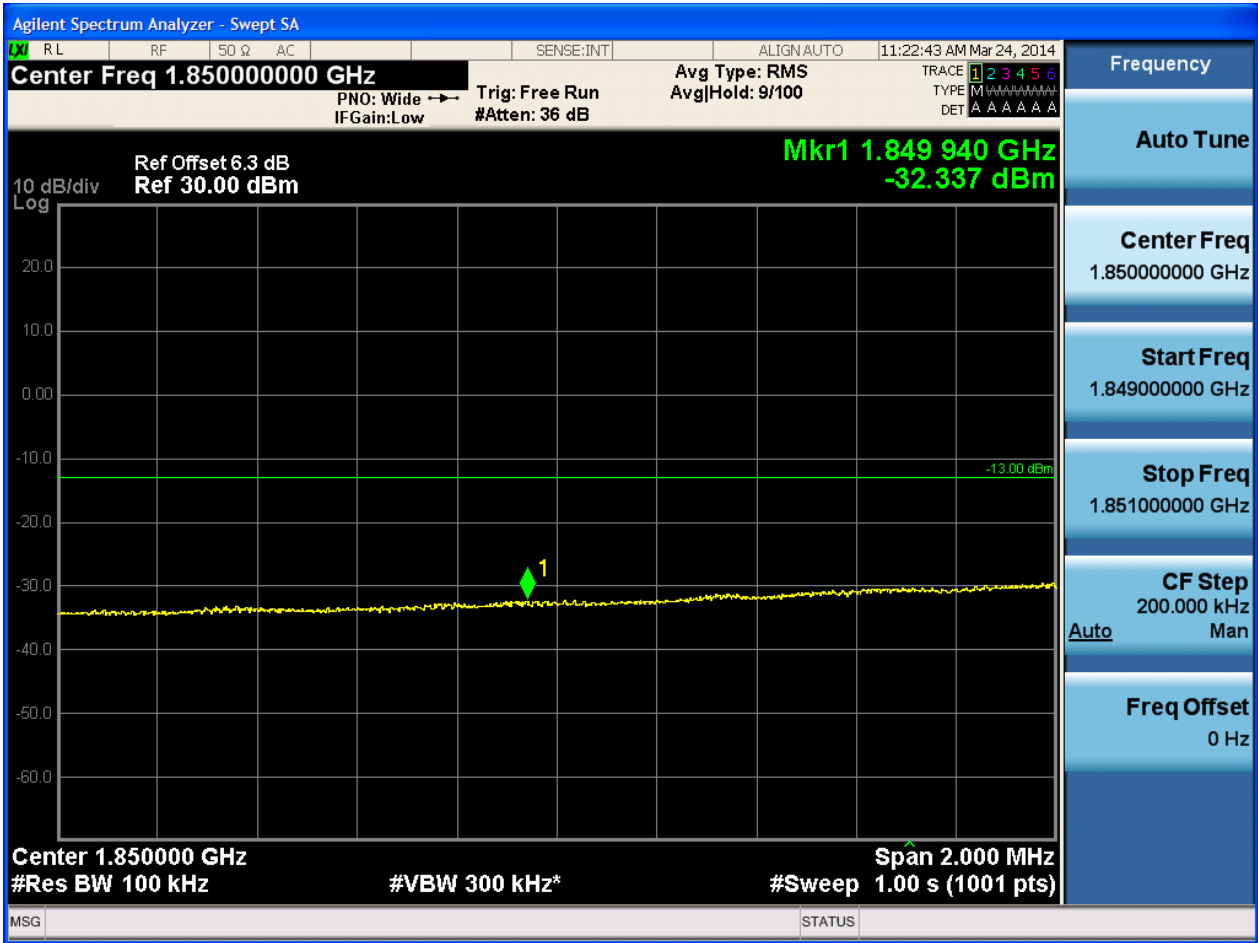


5.1.1.1.4.1.2 Test RB = RB1#49



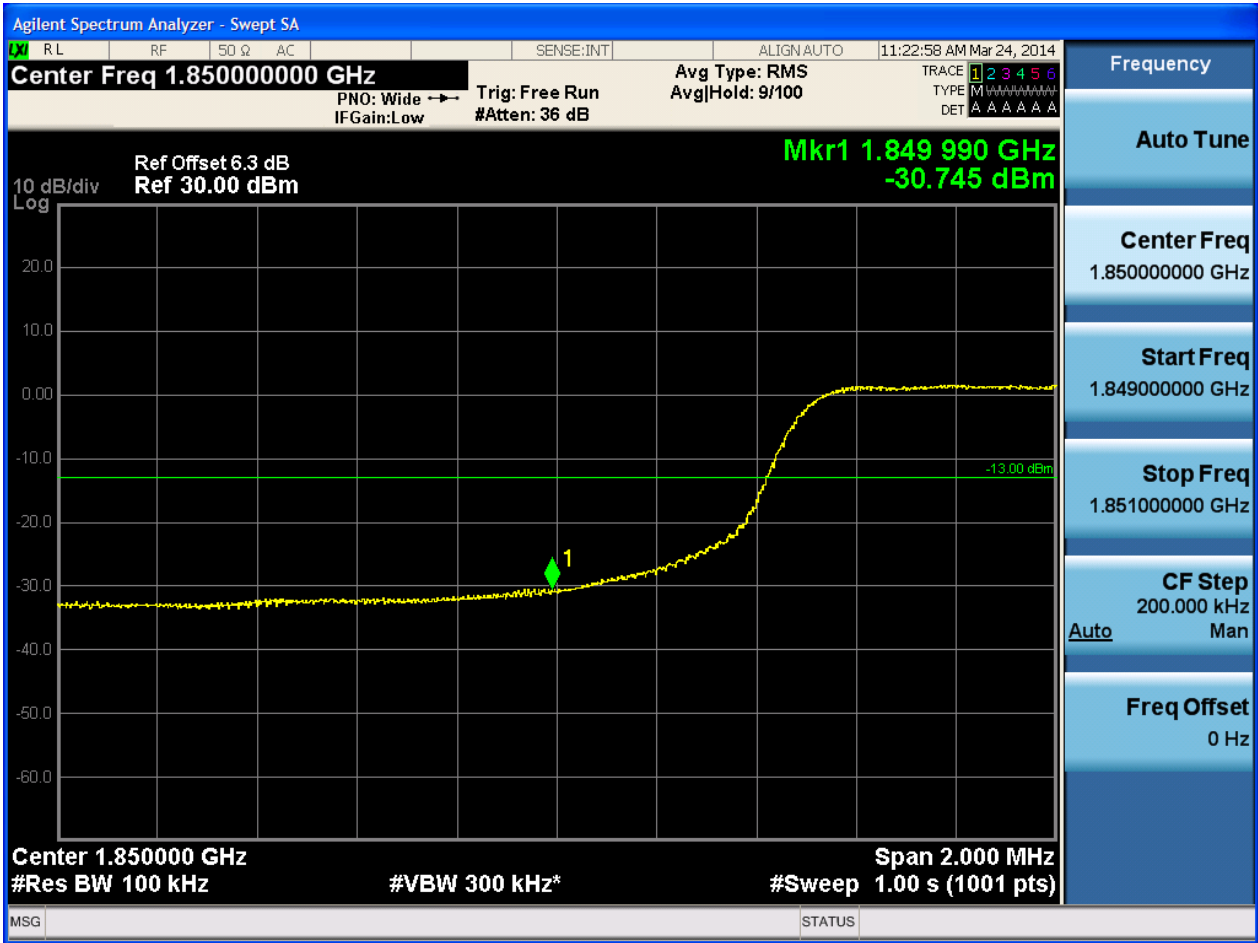


5.1.1.1.4.1.3 Test RB = RB25#13





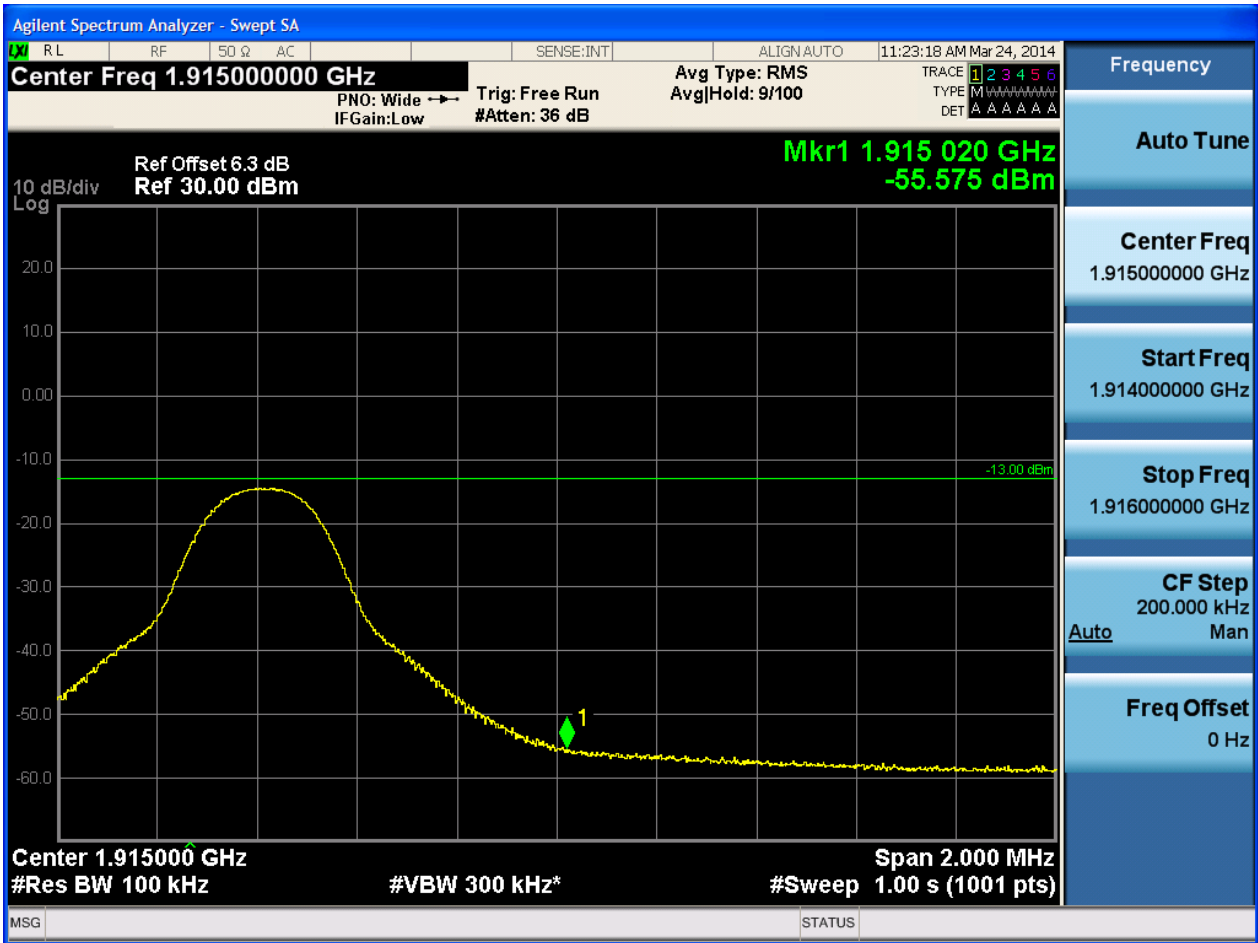
5.1.1.1.4.1.4 Test RB = RB50#0





5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





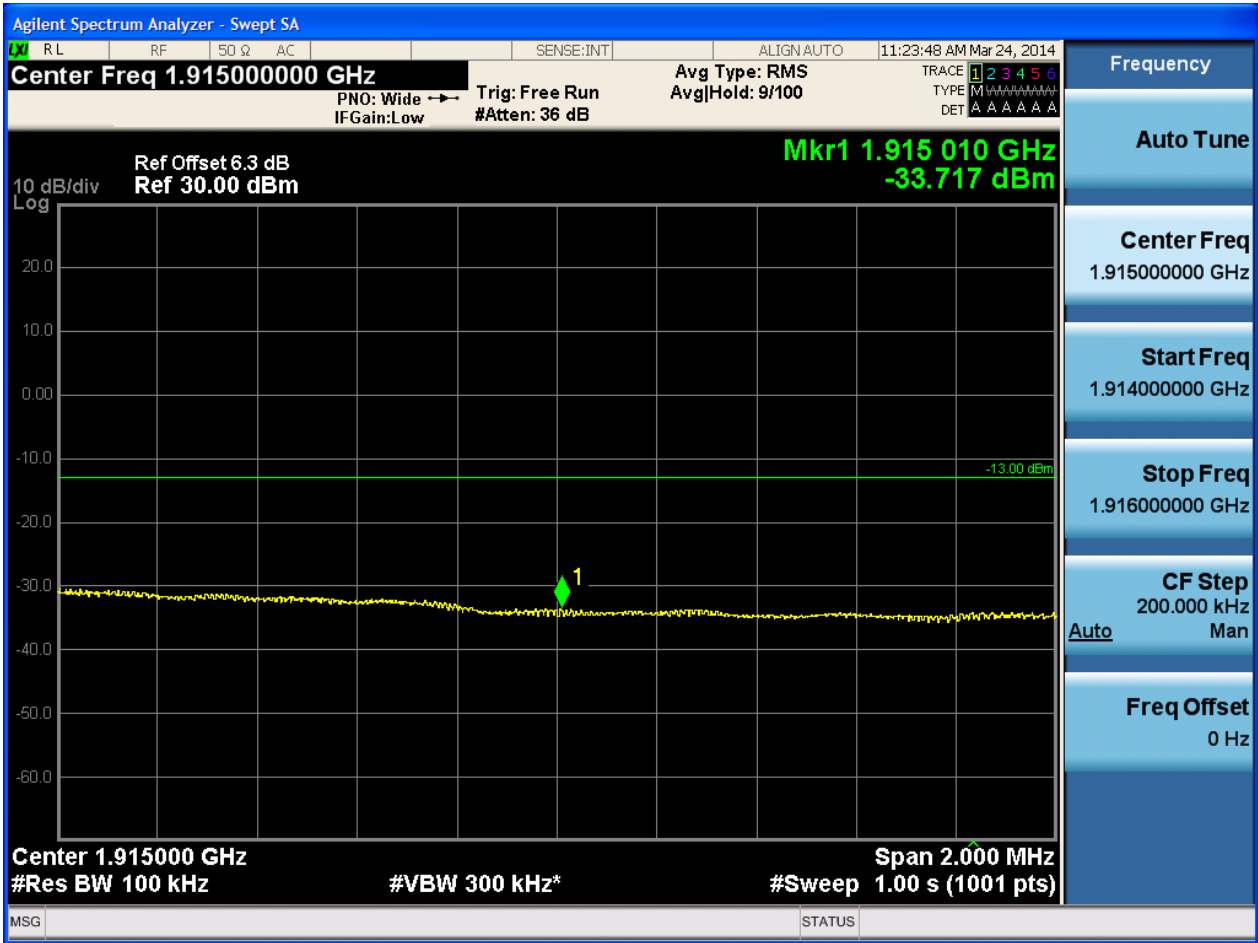
5.1.1.1.4.2.2 Test RB = RB1#49







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

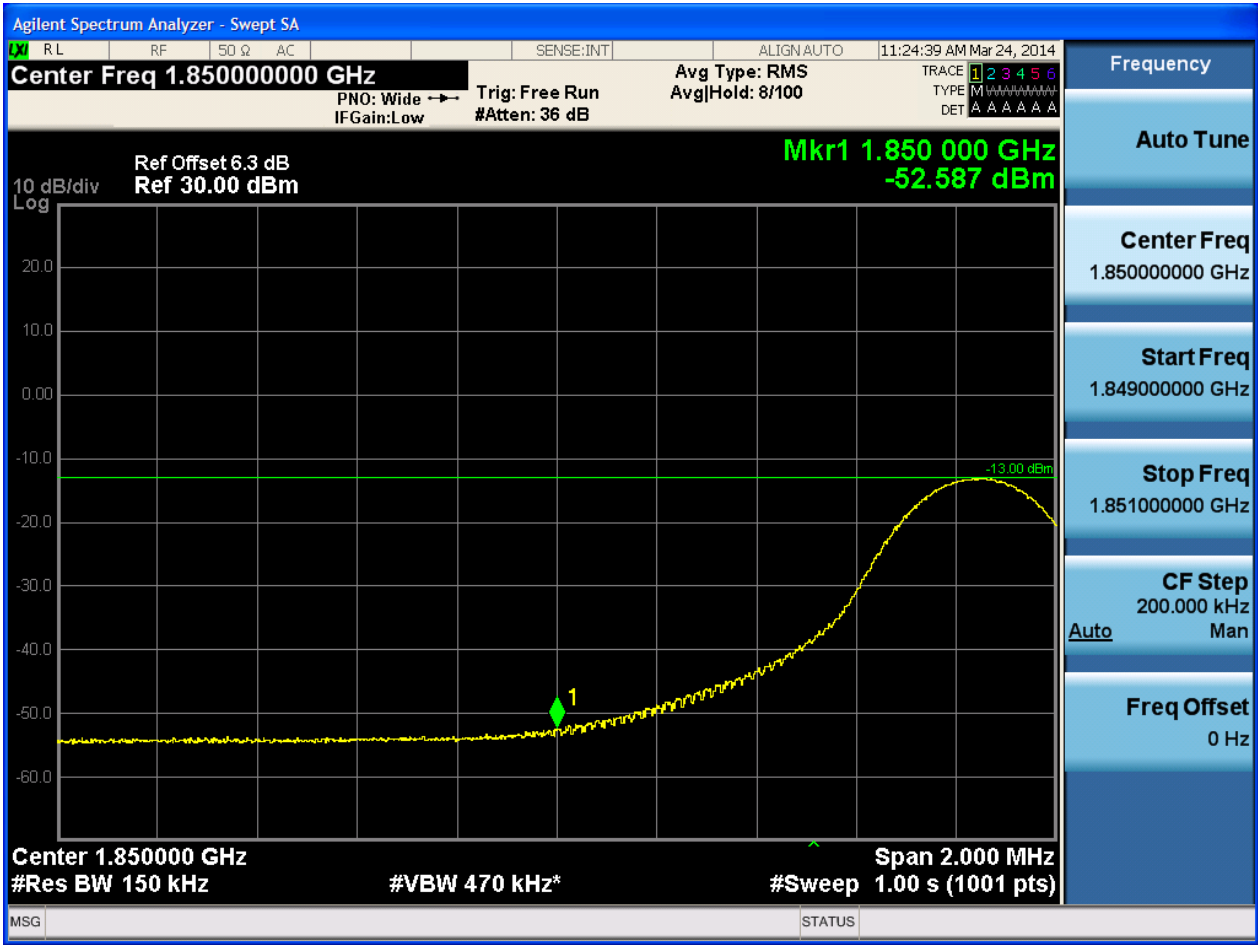
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



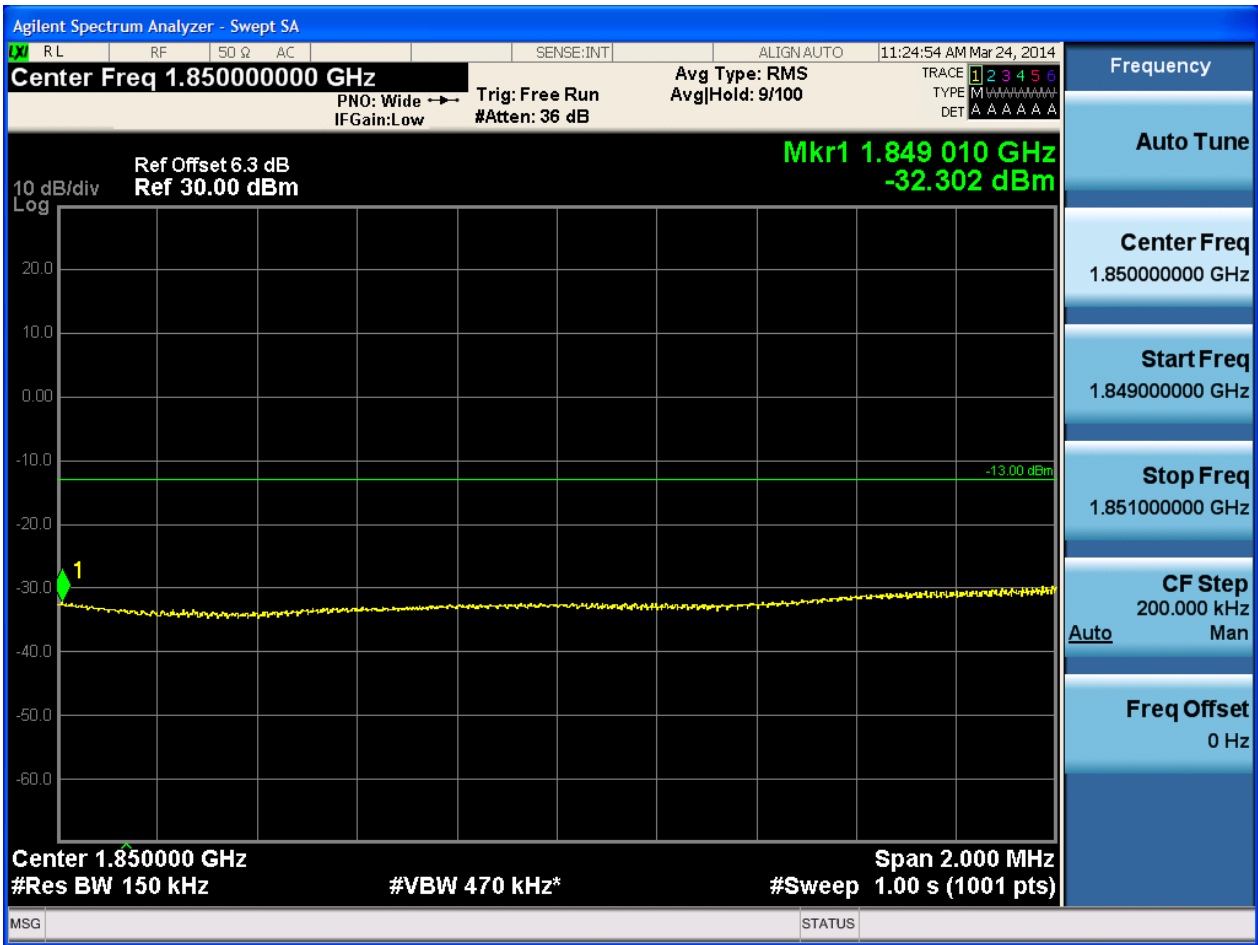


5.1.1.1.5.1.2 Test RB = RB1#74



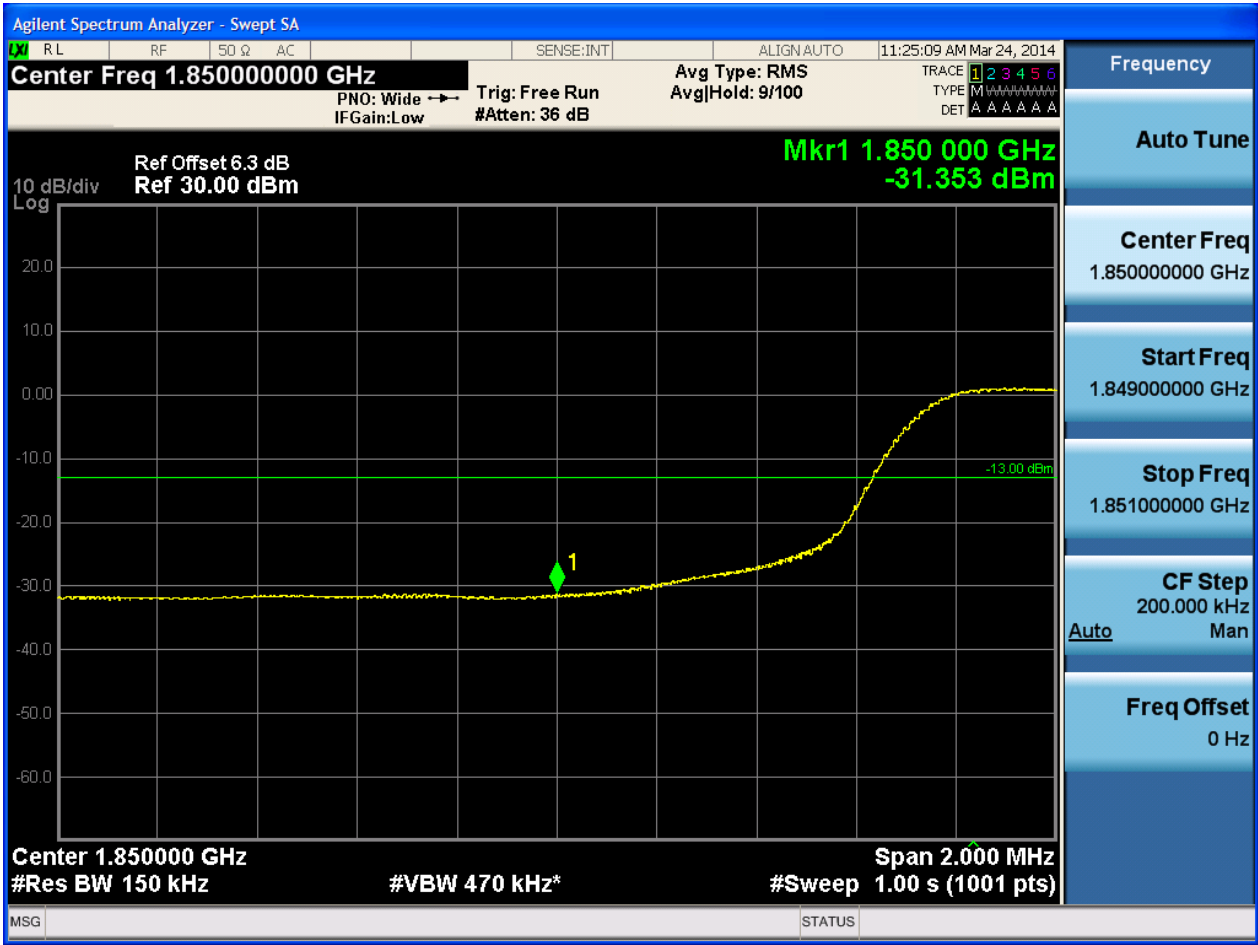


5.1.1.1.5.1.3 Test RB = RB38#19





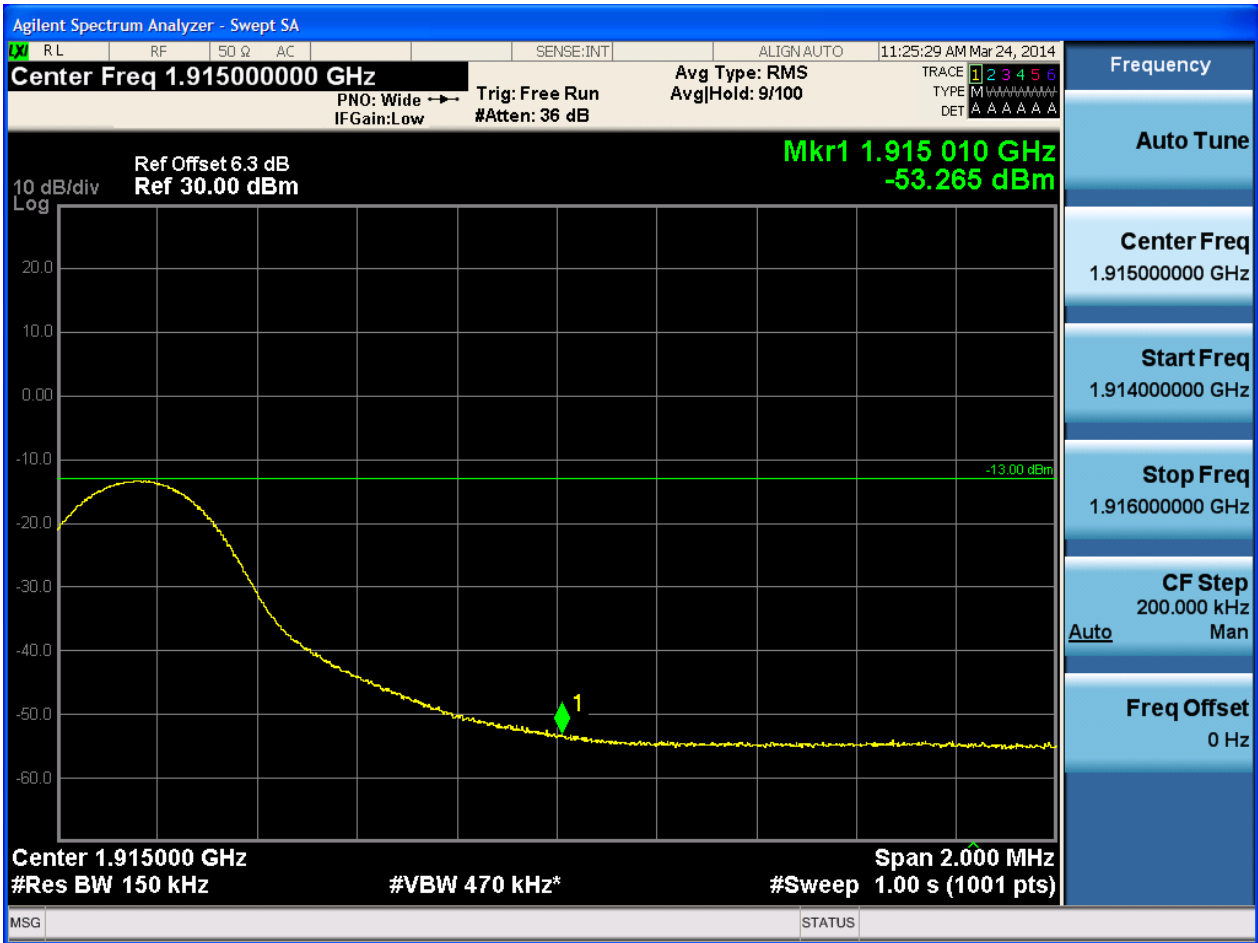
5.1.1.1.5.1.4 Test RB = RB75#0





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

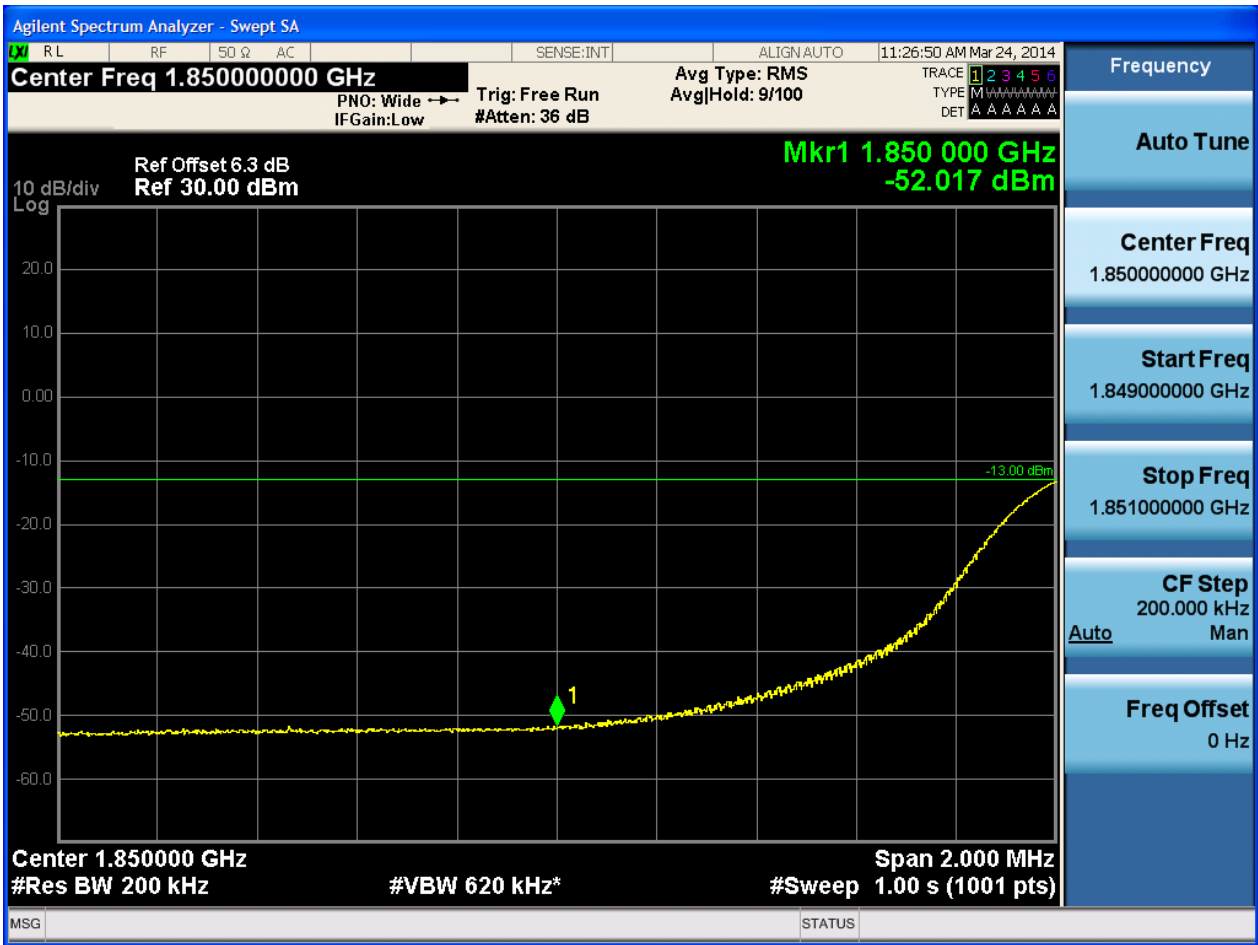
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0





5.1.1.1.6.1.2 Test RB = RB1#99





5.1.1.1.6.1.3 Test RB = RB50#25





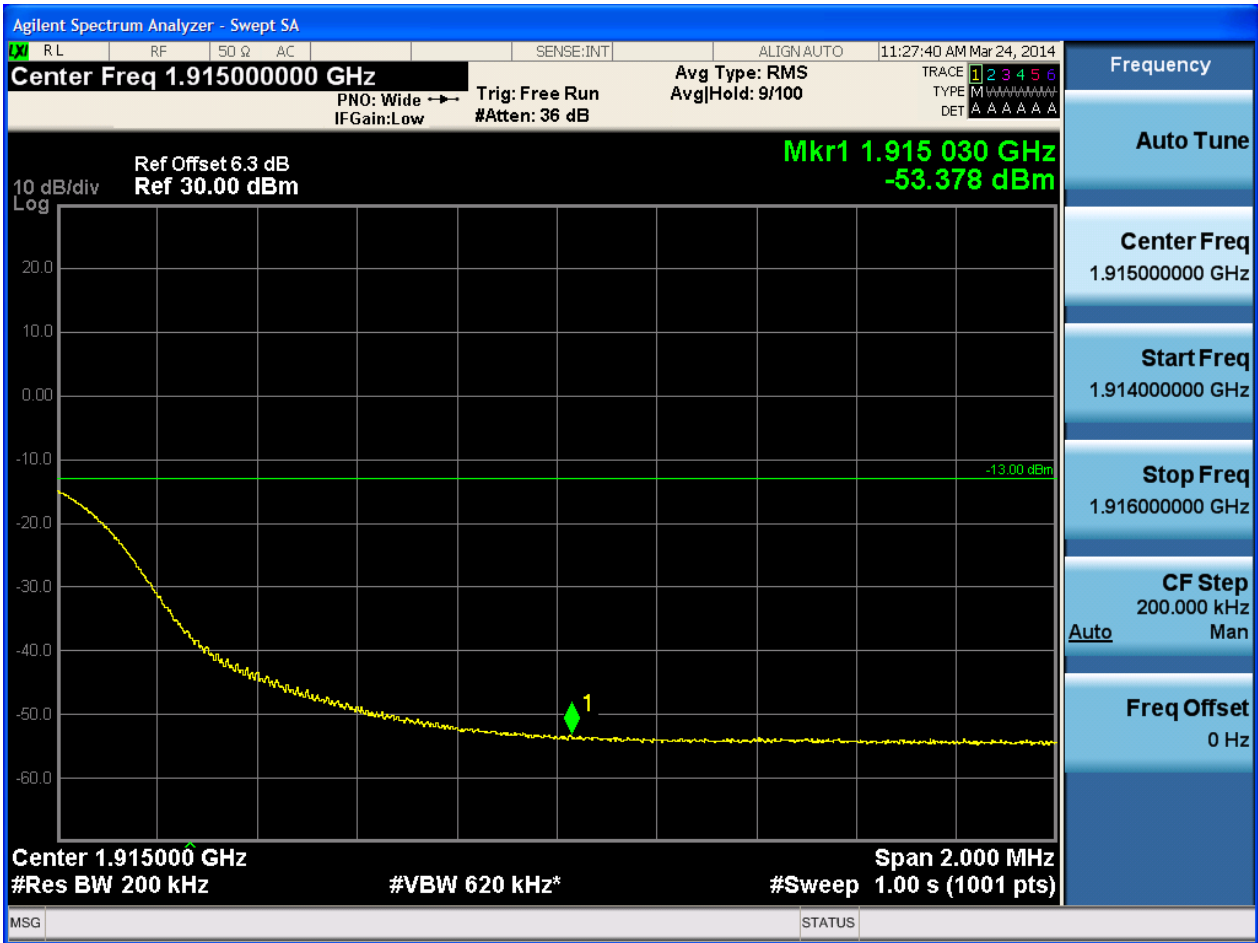
5.1.1.1.6.1.4 Test RB = RB100#0





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

