



# Appendix for test report

**1Appendix\_A: Effective (Isotropic) Radiated Power Output Data****Part I - Test Results**

Test Band(LTE)	Test Mode	Test Bandwidth h	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB1#0	21.97	21.69	33	PASS
				RB1#3	22.26	22.00	33	PASS
				RB1#5	22.16	21.98	33	PASS
				RB3#0	21.99	21.80	33	PASS
				RB3#2	22.21	21.99	33	PASS
				RB3#3	22.18	21.85	33	PASS
				RB6#0	21.2	20.90	33	PASS
			MCH	RB1#0	22.03	21.62	33	PASS
				RB1#3	22.3	22.06	33	PASS
				RB1#5	22.24	22.04	33	PASS
				RB3#0	22.32	22.06	33	PASS
				RB3#2	22.52	22.14	33	PASS
				RB3#3	22.47	22.29	33	PASS
				RB6#0	21.65	21.31	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.05	21.82	33	PASS
				RB1#3	22.19	21.82	33	PASS
				RB1#5	22.04	21.61	33	PASS
				RB3#0	22.1	21.80	33	PASS
				RB3#2	22.11	21.79	33	PASS
				RB3#3	22.04	21.66	33	PASS
				RB6#0	21.41	21.09	33	PASS
		3	LCH	RB1#0	21.58	21.37	33	PASS
				RB1#7	22.26	21.98	33	PASS
				RB1#14	21.92	21.54	33	PASS
				RB8#0	21.24	21.06	33	PASS
				RB8#4	21.44	21.08	33	PASS
				RB8#7	21.39	21.14	33	PASS
				RB15#0	21.3	20.98	33	PASS
		MCH	RB1#0	21.96	21.66	33	PASS	
			RB1#7	22.51	22.29	33	PASS	
			RB1#14	22.14	21.77	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.35	20.92	33	PASS
				RB8#4	21.62	21.23	33	PASS
				RB8#7	21.63	21.42	33	PASS
				RB15#0	21.49	21.15	33	PASS
			HCH	RB1#0	22.11	21.81	33	PASS
				RB1#7	22.51	22.36	33	PASS
				RB1#14	22	21.59	33	PASS
				RB8#0	21.48	21.30	33	PASS
			RB8#4	21.58	21.38	33	PASS	
			RB8#7	21.59	21.33	33	PASS	
			RB15#0	21.47	21.02	33	PASS	
			5	LCH	RB1#0	21.47	21.07	33
		RB1#13			22.35	22.18	33	PASS
		RB1#24			21.61	21.42	33	PASS
		RB12#0			21.23	20.96	33	PASS
		RB12#6			21.49	21.30	33	PASS
		RB12#13			21.26	20.90	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.25	20.96	33	PASS
			MCH	RB1#0	21.69	21.39	33	PASS
				RB1#13	22.54	22.38	33	PASS
				RB1#24	21.64	21.47	33	PASS
				RB12#0	21.43	21.23	33	PASS
				RB12#6	21.67	21.51	33	PASS
				RB12#13	21.36	20.92	33	PASS
				RB25#0	21.41	21.13	33	PASS
				HCH	RB1#0	21.89	21.56	33
			RB1#13		22.58	22.28	33	PASS
			RB1#24		21.66	21.26	33	PASS
			RB12#0		21.6	21.36	33	PASS
			RB12#6		21.73	21.37	33	PASS
			RB12#13		21.42	21.17	33	PASS
			RB25#0		21.45	21.15	33	PASS
		10	LCH	RB1#0	21.65	21.47	33	PASS
				RB1#25	22.34	22.11	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.13	20.97	33	PASS
				RB25#0	20.98	20.66	33	PASS
				RB25#13	21.32	20.90	33	PASS
				RB25#25	20.95	20.60	33	PASS
				RB50#0	21.02	20.74	33	PASS
			MCH	RB1#0	21.71	21.30	33	PASS
				RB1#25	22.57	22.16	33	PASS
				RB1#49	21.13	20.83	33	PASS
				RB25#0	21.07	20.68	33	PASS
				RB25#13	21.37	21.15	33	PASS
				RB25#25	21.05	20.65	33	PASS
				RB50#0	20.93	20.52	33	PASS
			HCH	RB1#0	21.91	21.64	33	PASS
				RB1#25	22.55	22.31	33	PASS
				RB1#49	21.19	20.86	33	PASS
				RB25#0	21.34	21.00	33	PASS
				RB25#13	21.54	21.30	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.13	20.89	33	PASS
				RB50#0	21.17	20.82	33	PASS
		15	LCH	RB1#0	22	21.68	33	PASS
				RB1#38	22.29	21.86	33	PASS
				RB1#74	21.49	21.07	33	PASS
				RB38#0	21.29	20.98	33	PASS
				RB38#19	21.34	20.92	33	PASS
				RB38#39	21.16	20.77	33	PASS
				RB75#0	21.11	20.82	33	PASS
			MCH	RB1#0	22.14	21.84	33	PASS
				RB1#38	22.53	22.14	33	PASS
				RB1#74	21.78	21.36	33	PASS
				RB38#0	21.2	20.78	33	PASS
				RB38#19	21.34	21.02	33	PASS
				RB38#39	21.2	20.76	33	PASS
				RB75#0	21.27	21.03	33	PASS
			HCH	RB1#0	22.17	21.92	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.54	22.31	33	PASS
				RB1#74	21.65	21.38	33	PASS
				RB38#0	21.41	21.25	33	PASS
				RB38#19	21.71	21.42	33	PASS
				RB38#39	21.31	20.90	33	PASS
				RB75#0	21.42	21.08	33	PASS
		20	LCH	RB1#0	22.25	21.92	33	PASS
				RB1#50	22.31	22.16	33	PASS
				RB1#99	22.01	21.65	33	PASS
				RB50#0	21.44	21.03	33	PASS
				RB50#25	21.35	21.17	33	PASS
				RB50#50	21.47	21.15	33	PASS
				RB100#0	21.21	20.94	33	PASS
				MCH	RB1#0	22.42	22.04	33
		RB1#50	22.53		22.33	33	PASS	
		RB1#99	22.17		21.83	33	PASS	
RB50#0	21.44	21.05	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.34	21.13	33	PASS
				RB50#50	21.41	21.11	33	PASS
				RB100#0	21.49	21.18	33	PASS
			HCH	RB1#0	22.67	22.47	33	PASS
				RB1#50	22.55	22.18	33	PASS
				RB1#99	21.96	21.59	33	PASS
				RB50#0	21.68	21.38	33	PASS
				RB50#25	21.62	21.29	33	PASS
				RB50#50	21.52	21.15	33	PASS
				RB100#0	21.7	21.38	33	PASS
			LCH	RB1#0	21.32	21.12	33	PASS
				RB1#3	21.66	21.42	33	PASS
				RB1#5	21.56	21.23	33	PASS
				RB3#0	21.34	20.97	33	PASS
RB3#2	21.36	21.11		33	PASS			
RB3#3	21.34	21.12		33	PASS			
RB6#0	20.23	20.04		33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.3	20.96	33	PASS
				RB1#3	21.81	21.41	33	PASS
				RB1#5	21.74	21.34	33	PASS
				RB3#0	21.47	21.22	33	PASS
				RB3#2	21.67	21.29	33	PASS
				RB3#3	21.66	21.31	33	PASS
				RB6#0	20.49	20.31	33	PASS
			HCH	RB1#0	21.29	21.02	33	PASS
				RB1#3	21.49	21.19	33	PASS
				RB1#5	21.34	21.14	33	PASS
				RB3#0	21.38	20.95	33	PASS
				RB3#2	21.49	21.05	33	PASS
				RB3#3	21.34	20.92	33	PASS
				RB6#0	20.1	19.82	33	PASS
		3	LCH	RB1#0	21.03	20.85	33	PASS
				RB1#7	21.72	21.48	33	PASS
				RB1#14	21.39	21.16	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.18	19.73	33	PASS
				RB8#4	20.25	19.85	33	PASS
				RB8#7	20.36	19.94	33	PASS
				RB15#0	20.22	19.79	33	PASS
			MCH	RB1#0	21.16	20.93	33	PASS
				RB1#7	22	21.80	33	PASS
				RB1#14	21.6	21.35	33	PASS
				RB8#0	20.32	20.12	33	PASS
				RB8#4	20.56	20.16	33	PASS
				RB8#7	20.6	20.17	33	PASS
				RB15#0	20.43	20.14	33	PASS
			HCH	RB1#0	21.39	21.23	33	PASS
				RB1#7	21.81	21.61	33	PASS
				RB1#14	21.29	21.09	33	PASS
				RB8#0	20.14	19.97	33	PASS
				RB8#4	20.21	19.76	33	PASS
				RB8#7	20.22	20.05	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.12	19.67	33	PASS
		5	LCH	RB1#0	20.79	20.46	33	PASS
				RB1#13	21.7	21.47	33	PASS
				RB1#24	20.92	20.69	33	PASS
				RB12#0	20.08	19.81	33	PASS
				RB12#6	20.35	20.13	33	PASS
				RB12#13	20.15	19.70	33	PASS
				RB25#0	20.21	20.03	33	PASS
				MCH	RB1#0	21.01	20.66	33
			RB1#13		21.88	21.68	33	PASS
			RB1#24		20.97	20.63	33	PASS
			RB12#0		20.37	20.21	33	PASS
			RB12#6		20.58	20.15	33	PASS
			RB12#13		20.29	19.90	33	PASS
			RB25#0		20.39	20.22	33	PASS
			HCH	RB1#0	21.17	20.99	33	PASS
				RB1#13	21.88	21.65	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#24	20.96	20.69	33	PASS		
				RB12#0	20.24	19.93	33	PASS		
				RB12#6	20.35	19.93	33	PASS		
				RB12#13	20.04	19.72	33	PASS		
				RB25#0	20.16	19.96	33	PASS		
				10	LCH	RB1#0	21.04	20.81	33	PASS
						RB1#25	21.87	21.60	33	PASS
						RB1#49	20.54	20.39	33	PASS
						RB25#0	19.96	19.79	33	PASS
						RB25#13	20.31	20.13	33	PASS
		RB25#25	19.98			19.68	33	PASS		
		RB50#0	20.02			19.63	33	PASS		
		MCH	RB1#0			21.05	20.65	33	PASS	
			RB1#25			22.08	21.72	33	PASS	
			RB1#49			20.39	20.22	33	PASS	
			RB25#0	20.12	19.84	33	PASS			
			RB25#13	20.39	20.13	33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.09	19.84	33	PASS
				RB50#0	20	19.72	33	PASS
			HCH	RB1#0	21.37	21.09	33	PASS
				RB1#25	22.09	21.83	33	PASS
				RB1#49	20.69	20.34	33	PASS
				RB25#0	20.18	19.81	33	PASS
				RB25#13	20.33	20.01	33	PASS
				RB25#25	19.93	19.53	33	PASS
				RB50#0	19.99	19.78	33	PASS
				15	LCH	RB1#0	21.46	21.29
		RB1#38	21.84			21.42	33	PASS
		RB1#74	20.97			20.80	33	PASS
		RB38#0	20.25			19.97	33	PASS
		RB38#19	20.32			19.99	33	PASS
		RB38#39	20.19			20.04	33	PASS
		RB75#0	20.1			19.92	33	PASS
		MCH	RB1#0	21.66	21.39	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.05	21.83	33	PASS
				RB1#74	21.17	20.94	33	PASS
				RB38#0	20.23	19.92	33	PASS
				RB38#19	20.33	20.08	33	PASS
				RB38#39	20.18	19.80	33	PASS
				RB75#0	20.27	19.88	33	PASS
			HCH	RB1#0	21.55	21.28	33	PASS
				RB1#38	22.06	21.89	33	PASS
				RB1#74	21.14	20.83	33	PASS
				RB38#0	20.23	19.93	33	PASS
				RB38#19	20.48	20.26	33	PASS
				RB38#39	20.07	19.90	33	PASS
		20	LCH	RB1#0	21.58	21.28	33	PASS
				RB1#50	21.75	21.36	33	PASS
				RB1#99	21.26	21.07	33	PASS
				RB50#0	20.35	19.91	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP/EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.31	20.08	33	PASS
				RB50#50	20.48	20.17	33	PASS
				RB100#0	20.18	20.02	33	PASS
			MCH	RB1#0	21.75	21.35	33	PASS
				RB1#50	21.91	21.55	33	PASS
				RB1#99	21.38	21.13	33	PASS
				RB50#0	20.42	20.09	33	PASS
				RB50#25	20.32	19.99	33	PASS
				RB50#50	20.36	20.03	33	PASS
				RB100#0	20.46	20.12	33	PASS
			HCH	RB1#0	21.81	21.39	33	PASS
				RB1#50	21.83	21.63	33	PASS
				RB1#99	21.21	20.95	33	PASS
				RB50#0	20.5	20.20	33	PASS
				RB50#25	20.43	20.28	33	PASS
				RB50#50	20.29	19.93	33	PASS
				RB100#0	20.5	20.34	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
BAND2	LTE/TM1	1.4	LCH	RB1#0	4.1	13	PASS
				RB1#3	3.75	13	PASS
				RB1#5	3.97	13	PASS
				RB3#0	4.5	13	PASS
				RB3#2	4.18	13	PASS
				RB3#3	4.46	13	PASS
				RB6#0	5.28	13	PASS
			MCH	RB1#0	3.97	13	PASS
				RB1#3	3.74	13	PASS
				RB1#5	3.82	13	PASS
				RB3#0	4.41	13	PASS
				RB3#2	4.16	13	PASS
				RB3#3	4.38	13	PASS
				RB6#0	5.2	13	PASS
			HCH	RB1#0	3.06	13	PASS
				RB1#3	2.96	13	PASS
				RB1#5	3.07	13	PASS
				RB3#0	3.6	13	PASS
		RB3#2		3.41	13	PASS	
		RB3#3		3.62	13	PASS	
		RB6#0		4.66	13	PASS	
		3	LCH	RB1#0	4.22	13	PASS
				RB1#7	3.78	13	PASS
				RB1#14	4.13	13	PASS
				RB8#0	5.3	13	PASS
				RB8#4	5.14	13	PASS
				RB8#7	5.25	13	PASS
				RB15#0	5.45	13	PASS
MCH	RB1#0		4.18	13	PASS		
	RB1#7		3.68	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#14	4	13	PASS	
				RB8#0	5.45	13	PASS	
				RB8#4	5.12	13	PASS	
				RB8#7	5.27	13	PASS	
				RB15#0	5.49	13	PASS	
			HCH	RB1#0	3.48	13	PASS	
				RB1#7	2.9	13	PASS	
				RB1#14	3.44	13	PASS	
				RB8#0	4.64	13	PASS	
				RB8#4	4.32	13	PASS	
				RB8#7	4.34	13	PASS	
			5	LCH	RB1#0	4.43	13	PASS
					RB1#13	3.76	13	PASS
					RB1#24	4.43	13	PASS
		RB12#0			5.23	13	PASS	
		RB12#6			4.98	13	PASS	
		RB12#13			5.3	13	PASS	
		RB25#0			5.3	13	PASS	
		MCH		RB1#0	4.42	13	PASS	
				RB1#13	3.72	13	PASS	
				RB1#24	4.4	13	PASS	
				RB12#0	5.16	13	PASS	
				RB12#6	4.97	13	PASS	
				RB12#13	5.38	13	PASS	
				RB25#0	5.6	13	PASS	
		HCH	RB1#0	3.88	13	PASS		
			RB1#13	2.91	13	PASS		
			RB1#24	3.68	13	PASS		
			RB12#0	4.55	13	PASS		
			RB12#6	4.08	13	PASS		
			RB12#13	4.44	13	PASS		
			RB25#0	4.89	13	PASS		
		10	LCH	RB1#0	4.21	13	PASS	
RB1#25	3.75			13	PASS			
RB1#49	4.69			13	PASS			
RB25#0	5.63			13	PASS			
RB25#13	5.25			13	PASS			
RB25#25	5.74			13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.91	13	PASS
			MCH	RB1#0	4.3	13	PASS
				RB1#25	3.67	13	PASS
				RB1#49	4.73	13	PASS
				RB25#0	5.63	13	PASS
				RB25#13	5.22	13	PASS
				RB25#25	5.73	13	PASS
				RB50#0	5.87	13	PASS
			HCH	RB1#0	4.04	13	PASS
				RB1#25	3.18	13	PASS
				RB1#49	3.85	13	PASS
				RB25#0	5.04	13	PASS
				RB25#13	4.53	13	PASS
				RB25#25	4.82	13	PASS
		15	LCH	RB1#0	4.01	13	PASS
				RB1#38	3.76	13	PASS
				RB1#74	4.42	13	PASS
				RB38#0	5.54	13	PASS
				RB38#19	5.31	13	PASS
				RB38#39	5.65	13	PASS
				RB75#0	5.94	13	PASS
			MCH	RB1#0	3.96	13	PASS
				RB1#38	3.66	13	PASS
				RB1#74	4.22	13	PASS
				RB38#0	5.61	13	PASS
				RB38#19	5.28	13	PASS
				RB38#39	5.69	13	PASS
				RB75#0	5.95	13	PASS
		HCH	RB1#0	3.89	13	PASS	
			RB1#38	3.41	13	PASS	
			RB1#74	3.65	13	PASS	
			RB38#0	5.31	13	PASS	
			RB38#19	4.6	13	PASS	
RB38#39	4.89		13	PASS			
RB75#0	5.65		13	PASS			
20	LCH	RB1#0	3.67	13	PASS		
		RB1#50	3.7	13	PASS		
		RB1#99	4	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.44	13	PASS
				RB50#25	5.33	13	PASS
				RB50#50	5.37	13	PASS
				RB100#0	6.01	13	PASS
			MCH	RB1#0	3.69	13	PASS
				RB1#50	3.69	13	PASS
				RB1#99	3.99	13	PASS
				RB50#0	5.44	13	PASS
				RB50#25	5.38	13	PASS
				RB50#50	5.56	13	PASS
			HCH	RB100#0	5.93	13	PASS
				RB1#0	3.66	13	PASS
				RB1#50	3.57	13	PASS
				RB1#99	3.55	13	PASS
	RB50#0	5.15		13	PASS		
	RB50#25	4.83		13	PASS		
	LTE/TM2	1.4	LCH	RB50#50	4.81	13	PASS
				RB100#0	5.57	13	PASS
				RB1#0	4.84	13	PASS
				RB1#3	4.58	13	PASS
				RB1#5	4.68	13	PASS
				RB3#0	5.19	13	PASS
				RB3#2	4.85	13	PASS
			MCH	RB3#3	5.06	13	PASS
				RB6#0	5.13	13	PASS
				RB1#0	4.48	13	PASS
				RB1#3	4.36	13	PASS
				RB1#5	4.31	13	PASS
RB3#0				5.18	13	PASS	
RB3#2				4.97	13	PASS	
HCH	RB3#3	5.14	13	PASS			
	RB6#0	5.25	13	PASS			
	RB1#0	3.77	13	PASS			
	RB1#3	3.65	13	PASS			
	RB1#5	3.63	13	PASS			
	RB3#0	4.51	13	PASS			
			RB3#2	4.31	13	PASS	
			RB3#3	4.5	13	PASS	
			RB6#0	4.67	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	5.2	13	PASS
				RB1#7	4.51	13	PASS
				RB1#14	4.72	13	PASS
				RB8#0	4.99	13	PASS
				RB8#4	4.66	13	PASS
				RB8#7	4.86	13	PASS
				RB15#0	5.43	13	PASS
			MCH	RB1#0	4.94	13	PASS
				RB1#7	4.32	13	PASS
				RB1#14	4.53	13	PASS
				RB8#0	5.07	13	PASS
				RB8#4	4.84	13	PASS
				RB8#7	4.95	13	PASS
				RB15#0	5.35	13	PASS
			HCH	RB1#0	4.21	13	PASS
				RB1#7	3.74	13	PASS
				RB1#14	3.69	13	PASS
				RB8#0	4.28	13	PASS
		RB8#4		3.91	13	PASS	
		RB8#7		4.12	13	PASS	
		5	LCH	RB1#0	5.34	13	PASS
				RB1#13	4.55	13	PASS
				RB1#24	5.02	13	PASS
				RB12#0	5.06	13	PASS
				RB12#6	4.8	13	PASS
				RB12#13	5.35	13	PASS
			MCH	RB25#0	5.72	13	PASS
				RB1#0	5.31	13	PASS
				RB1#13	4.41	13	PASS
				RB1#24	5.03	13	PASS
RB12#0	4.98			13	PASS		
RB12#6	4.54			13	PASS		
HCH	RB12#13	5.07	13	PASS			
	RB25#0	5.49	13	PASS			
	RB1#0	4.62	13	PASS			
	RB1#13	3.7	13	PASS			
				RB1#24	4.15	13	PASS
				RB12#0	4.36	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	4.12	13	PASS
				RB12#13	4.43	13	PASS
				RB25#0	5.23	13	PASS
			LCH	RB1#0	5.16	13	PASS
				RB1#25	4.56	13	PASS
				RB1#49	5.43	13	PASS
				RB25#0	5.45	13	PASS
				RB25#13	5.02	13	PASS
				RB25#25	5.57	13	PASS
		RB50#0		6	13	PASS	
		MCH	RB1#0	4.95	13	PASS	
			RB1#25	4.22	13	PASS	
			RB1#49	5.44	13	PASS	
			RB25#0	5.21	13	PASS	
			RB25#13	4.73	13	PASS	
			RB25#25	5.39	13	PASS	
			RB50#0	6.01	13	PASS	
		HCH	RB1#0	4.77	13	PASS	
			RB1#25	3.76	13	PASS	
			RB1#49	4.57	13	PASS	
			RB25#0	4.78	13	PASS	
			RB25#13	4.43	13	PASS	
			RB25#25	4.72	13	PASS	
			RB50#0	5.48	13	PASS	
		15	LCH	RB1#0	4.94	13	PASS
				RB1#38	4.52	13	PASS
				RB1#74	5.18	13	PASS
				RB38#0	5.41	13	PASS
				RB38#19	5.09	13	PASS
				RB38#39	5.53	13	PASS
RB75#0	6.07			13	PASS		
MCH	RB1#0		4.78	13	PASS		
	RB1#38		4.38	13	PASS		
	RB1#74		4.92	13	PASS		
	RB38#0		5.47	13	PASS		
	RB38#19		5.06	13	PASS		
	RB38#39		5.53	13	PASS		
HCH	RB75#0	6	13	PASS			
HCH	RB1#0	4.76	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB1#38	4.15	13	PASS		
				RB1#74	4.39	13	PASS		
				RB38#0	5.17	13	PASS		
				RB38#19	4.46	13	PASS		
				RB38#39	4.75	13	PASS		
				RB75#0	5.57	13	PASS		
				20	LCH	RB1#0	4.68	13	PASS
						RB1#50	4.68	13	PASS
						RB1#99	5.01	13	PASS
						RB50#0	5.28	13	PASS
						RB50#25	5.06	13	PASS
						RB50#50	5.22	13	PASS
						RB100#0	6.01	13	PASS
						MCH	RB1#0	4.43	13
		RB1#50	4.24				13	PASS	
		RB1#99	4.65				13	PASS	
		RB50#0	5.22				13	PASS	
		RB50#25	4.97				13	PASS	
		RB50#50	5.3				13	PASS	
		RB100#0	5.79				13	PASS	
		HCH	RB1#0	4.55	13	PASS			
			RB1#50	4.14	13	PASS			
			RB1#99	4.34	13	PASS			
			RB50#0	4.95	13	PASS			
			RB50#25	4.51	13	PASS			
			RB50#50	4.61	13	PASS			
			RB100#0	5.51	13	PASS			

### 3Appendix\_C: Modulation Characteristics

#### Part I - Test Plots

##### 3.1 For LTE

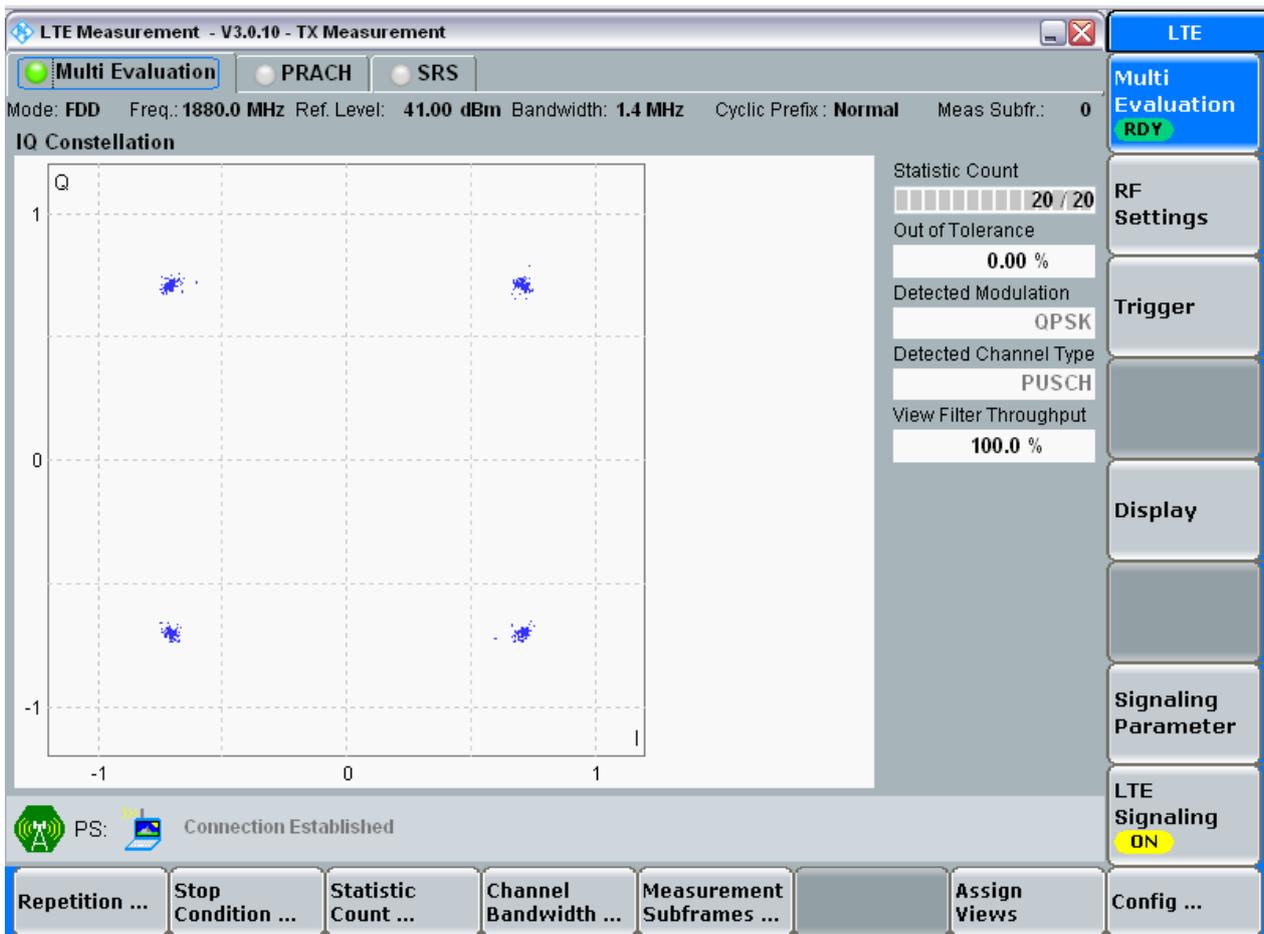
###### 3.1.1 Test Band = BAND2

###### 3.1.1.1 Test Mode = LTE/TM1

###### 3.1.1.1.1 Test Bandwidth = 1.4

###### 3.1.1.1.1.1 Test Channel = MCH

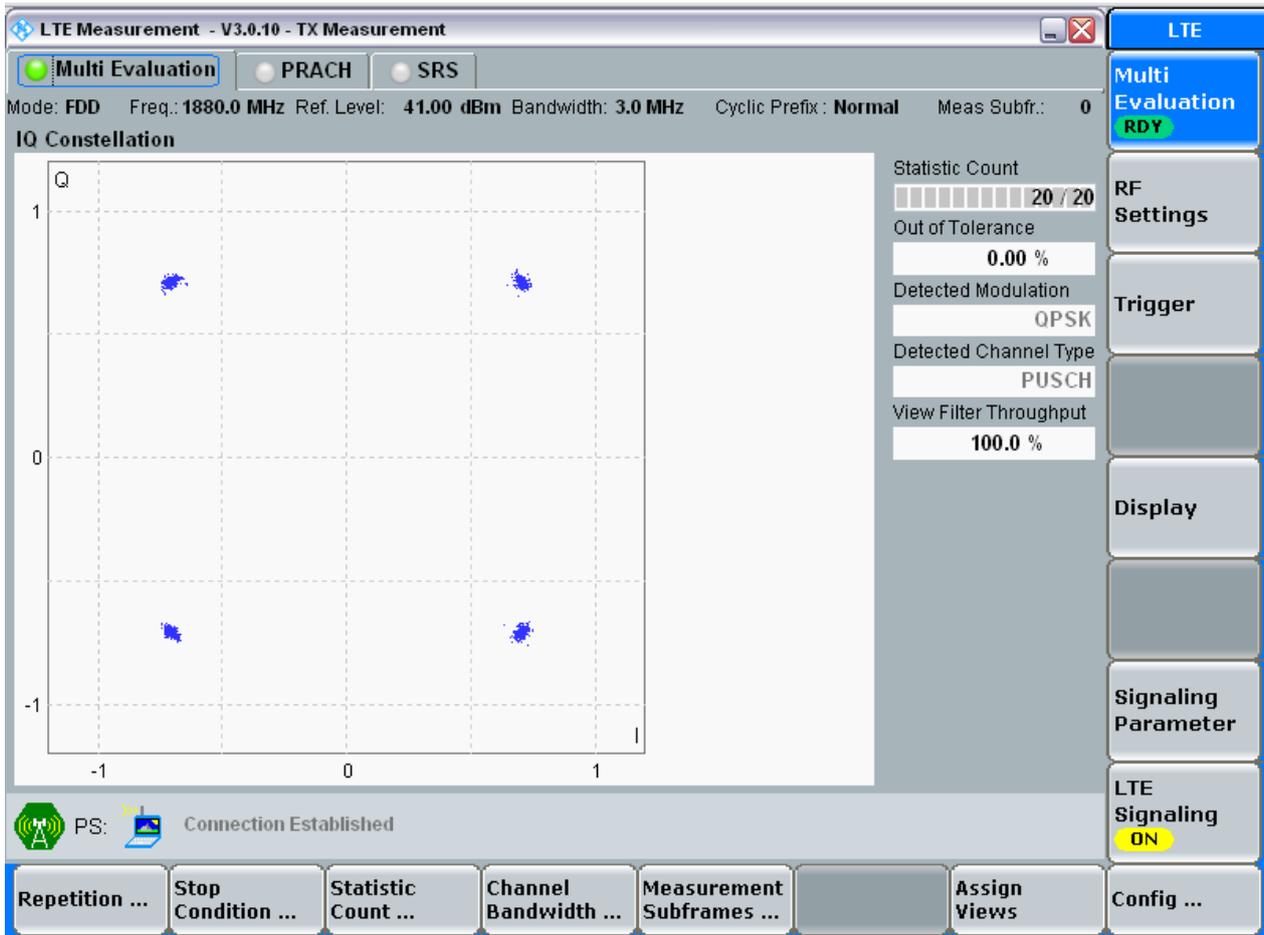
###### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

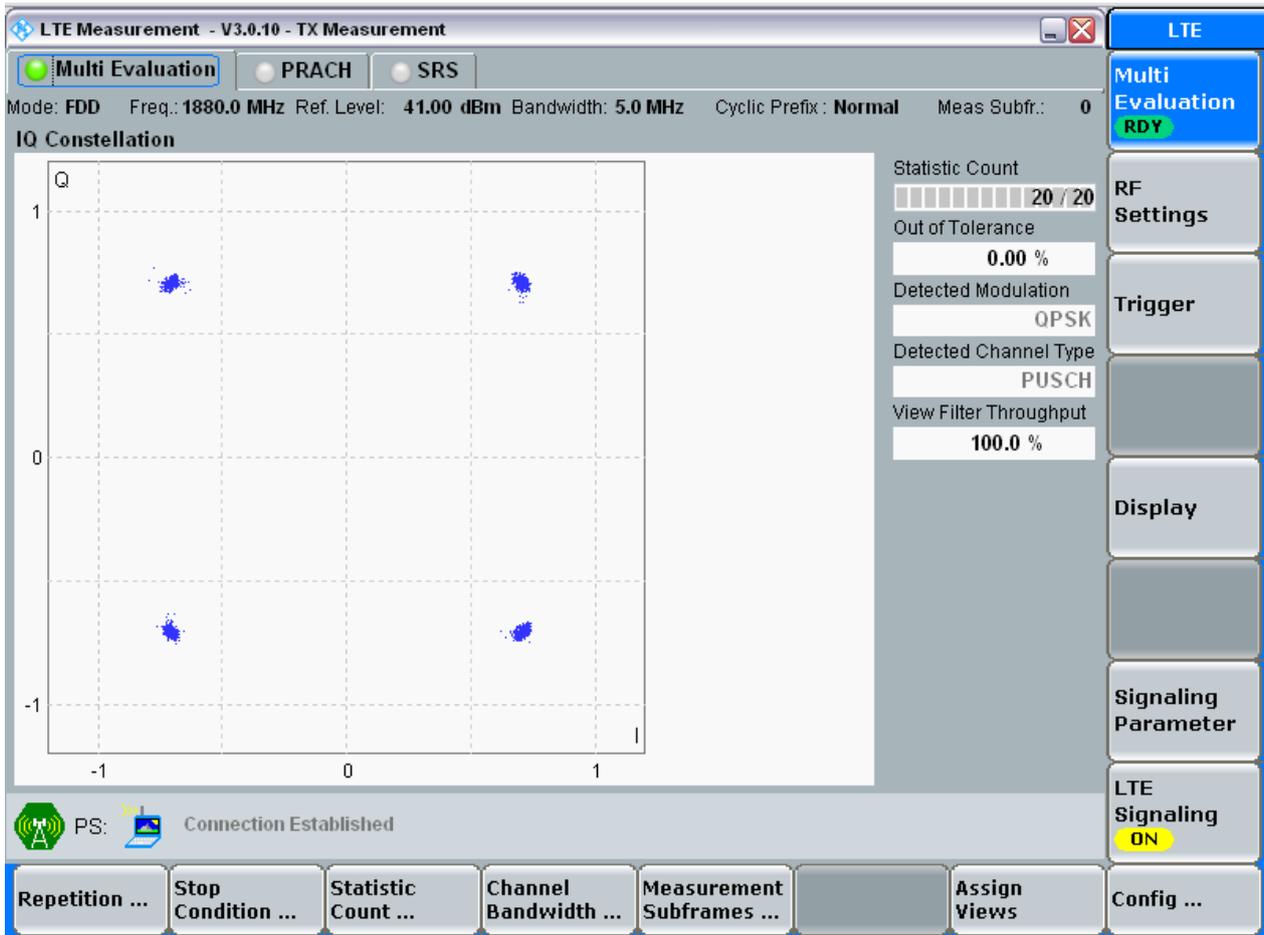
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

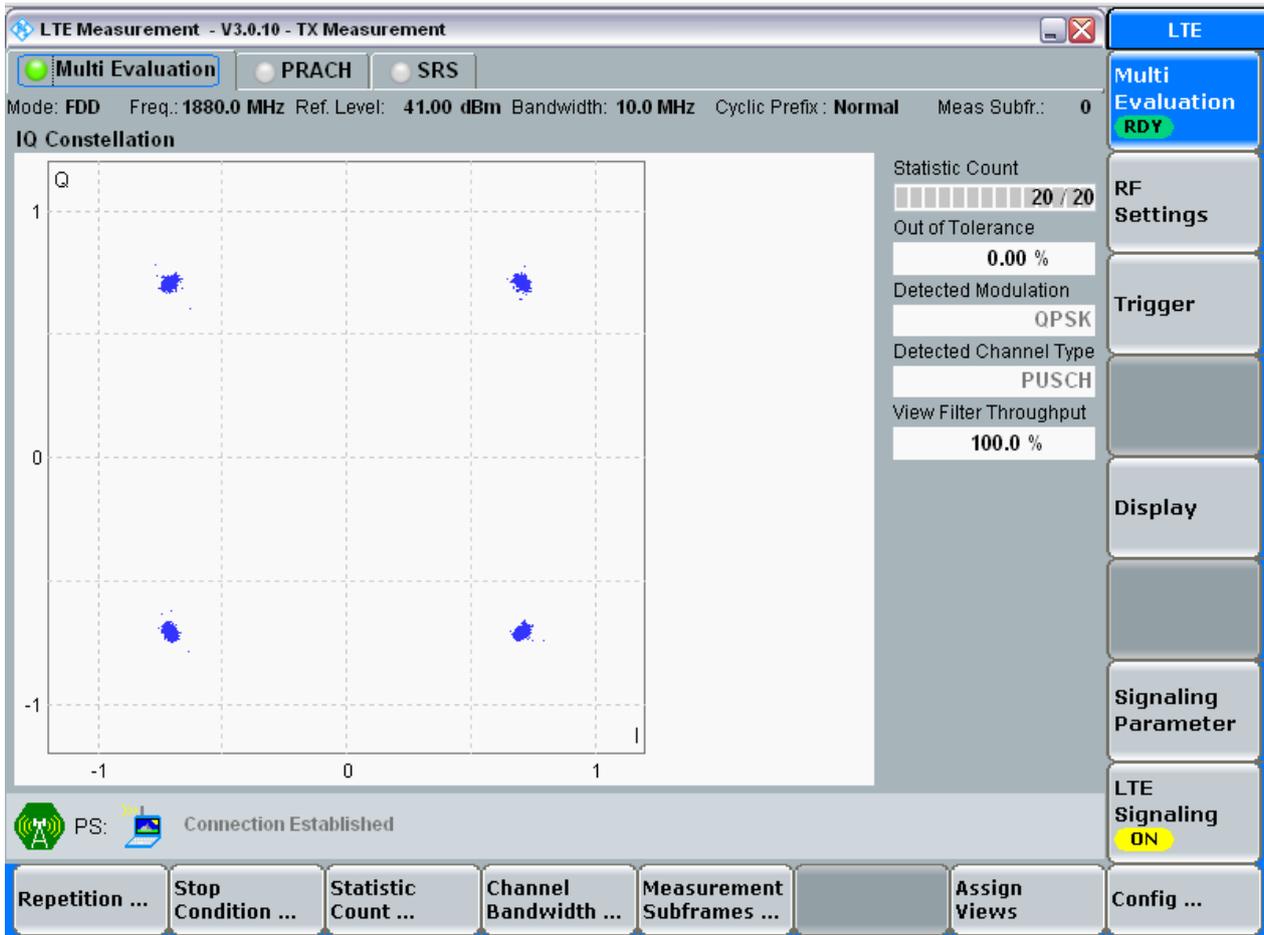
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

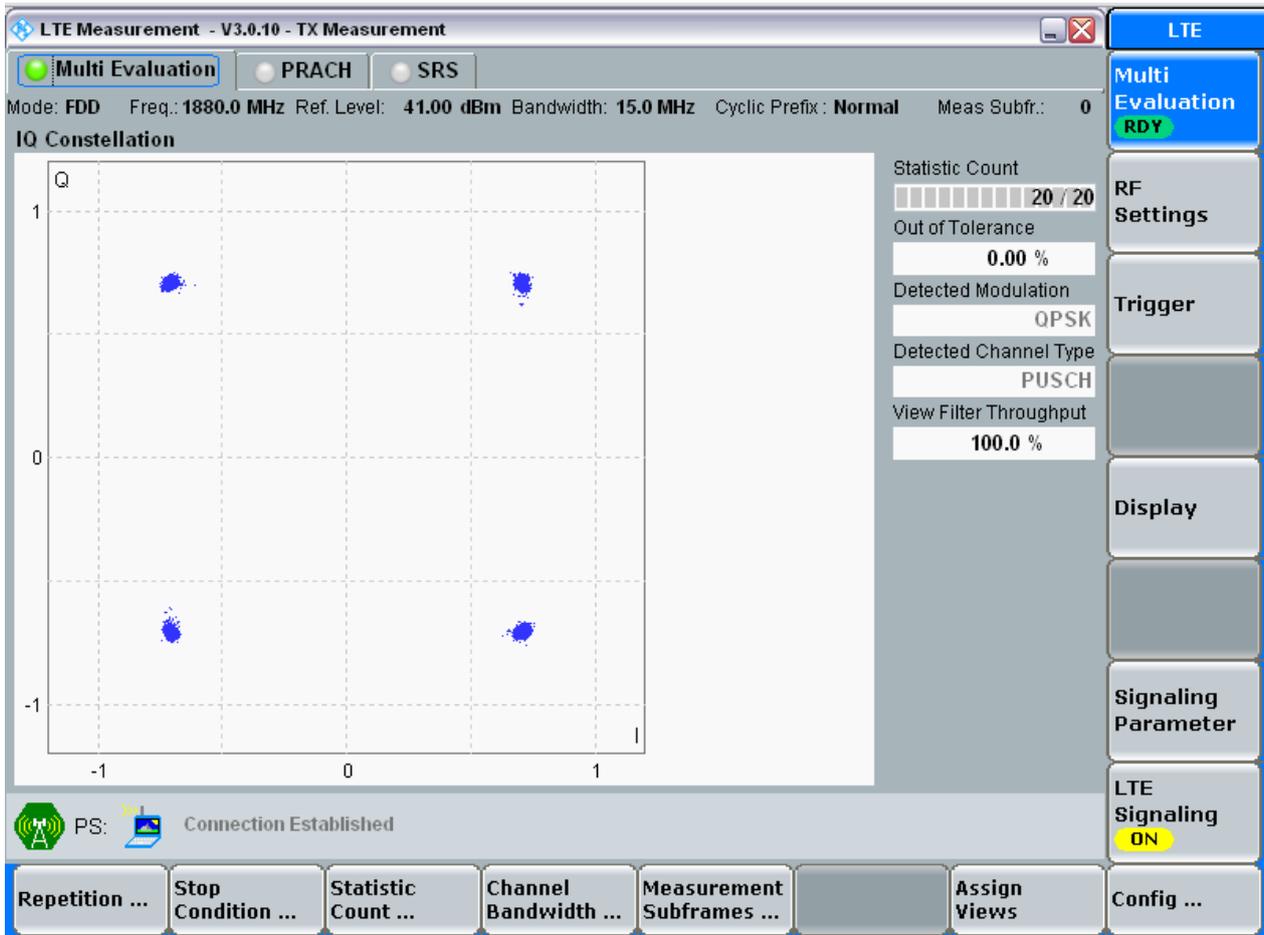
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

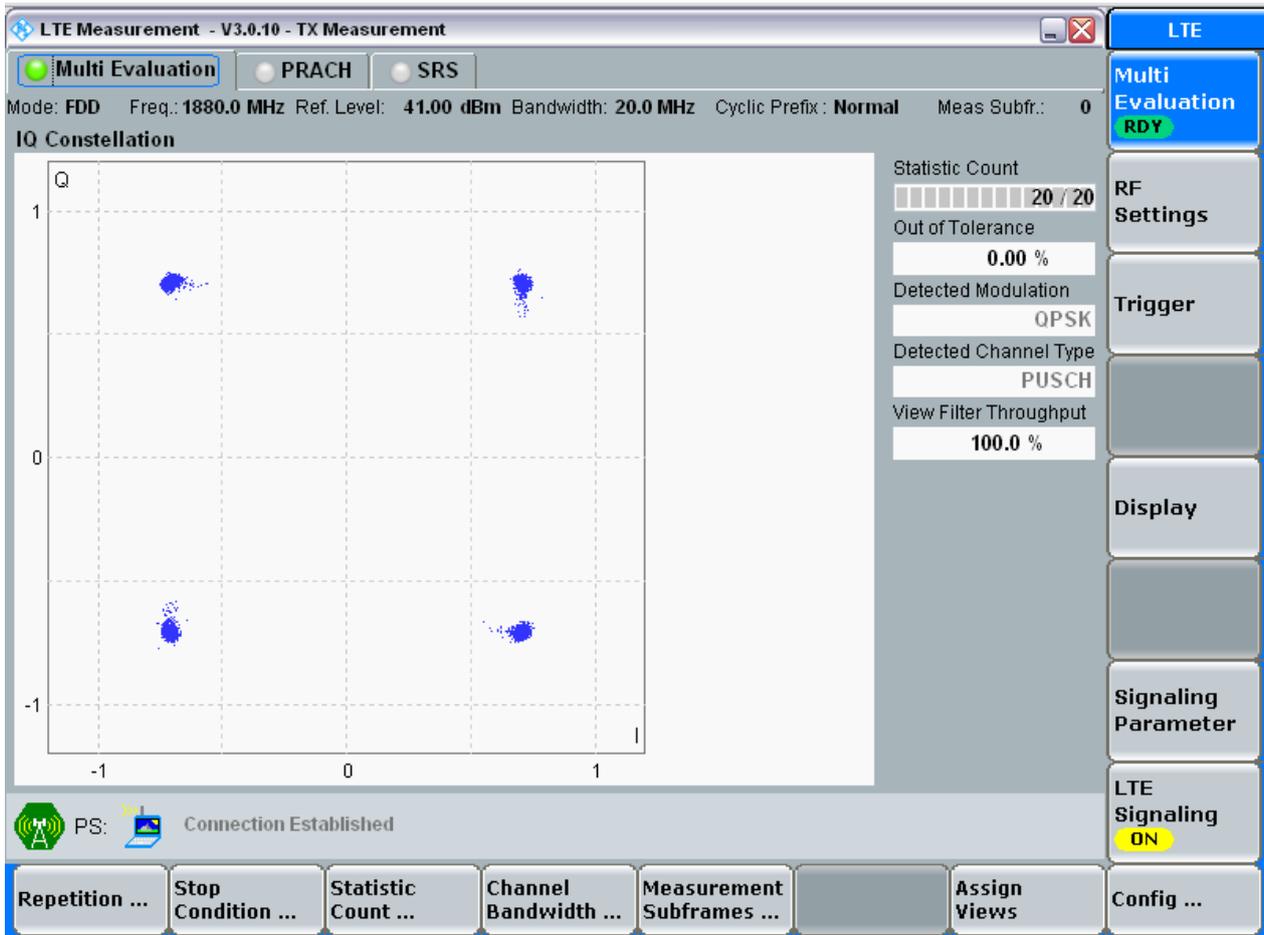
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 3.1.1.1.6 Test Bandwidth = 20

#### 3.1.1.1.6.1 Test Channel = MCH

##### 3.1.1.1.6.1.1 Test RB = RB100#0

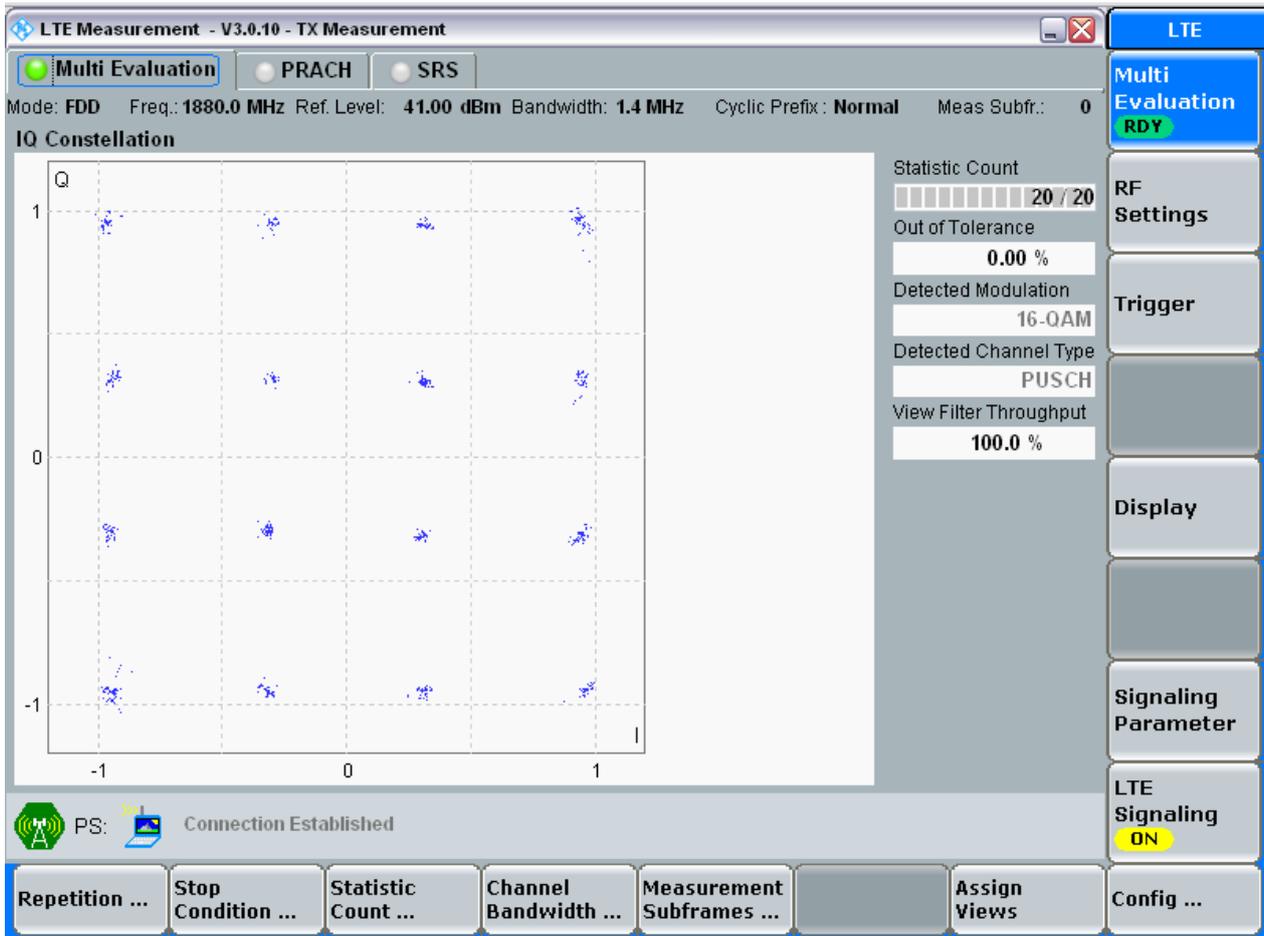


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

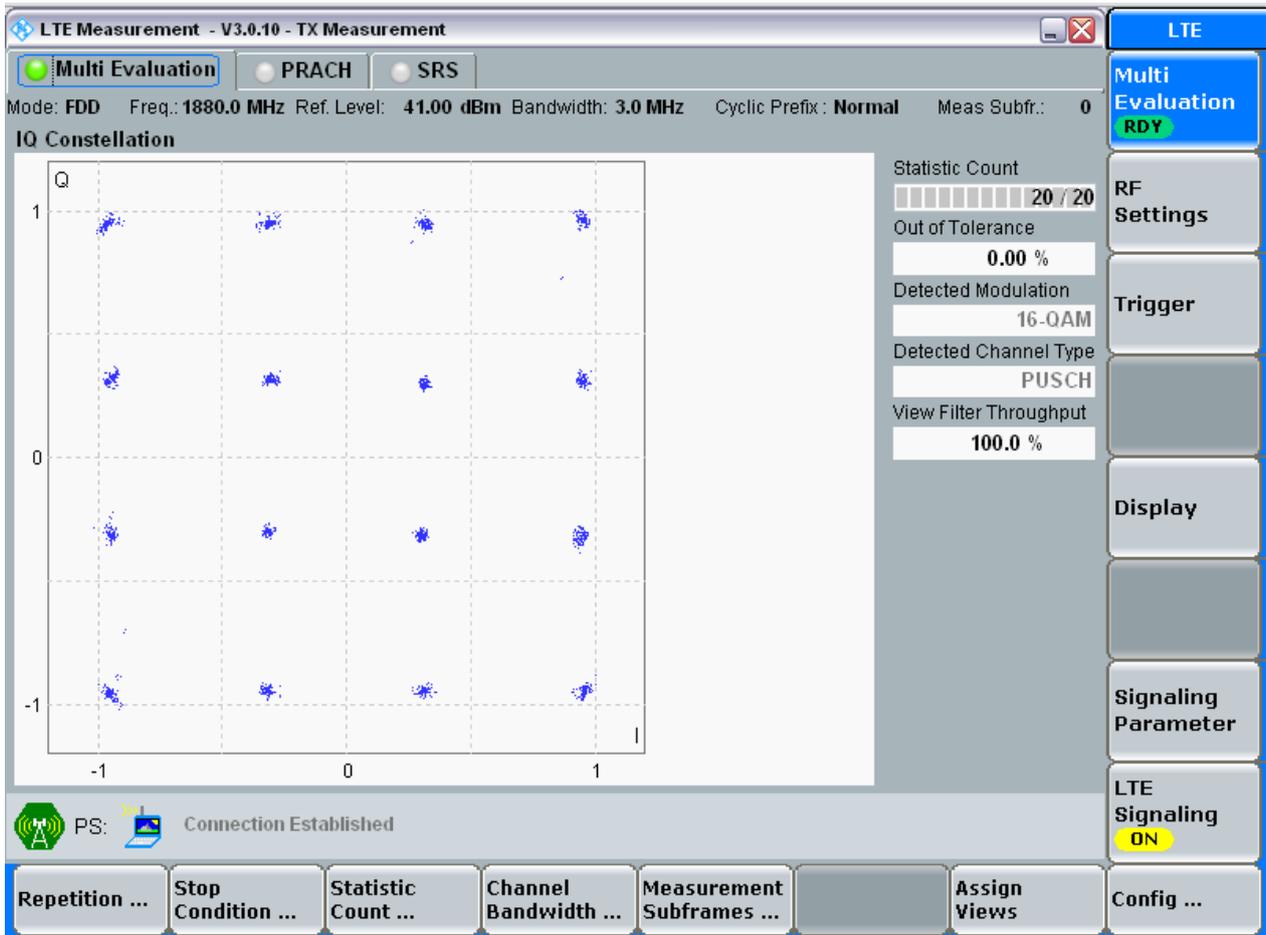
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

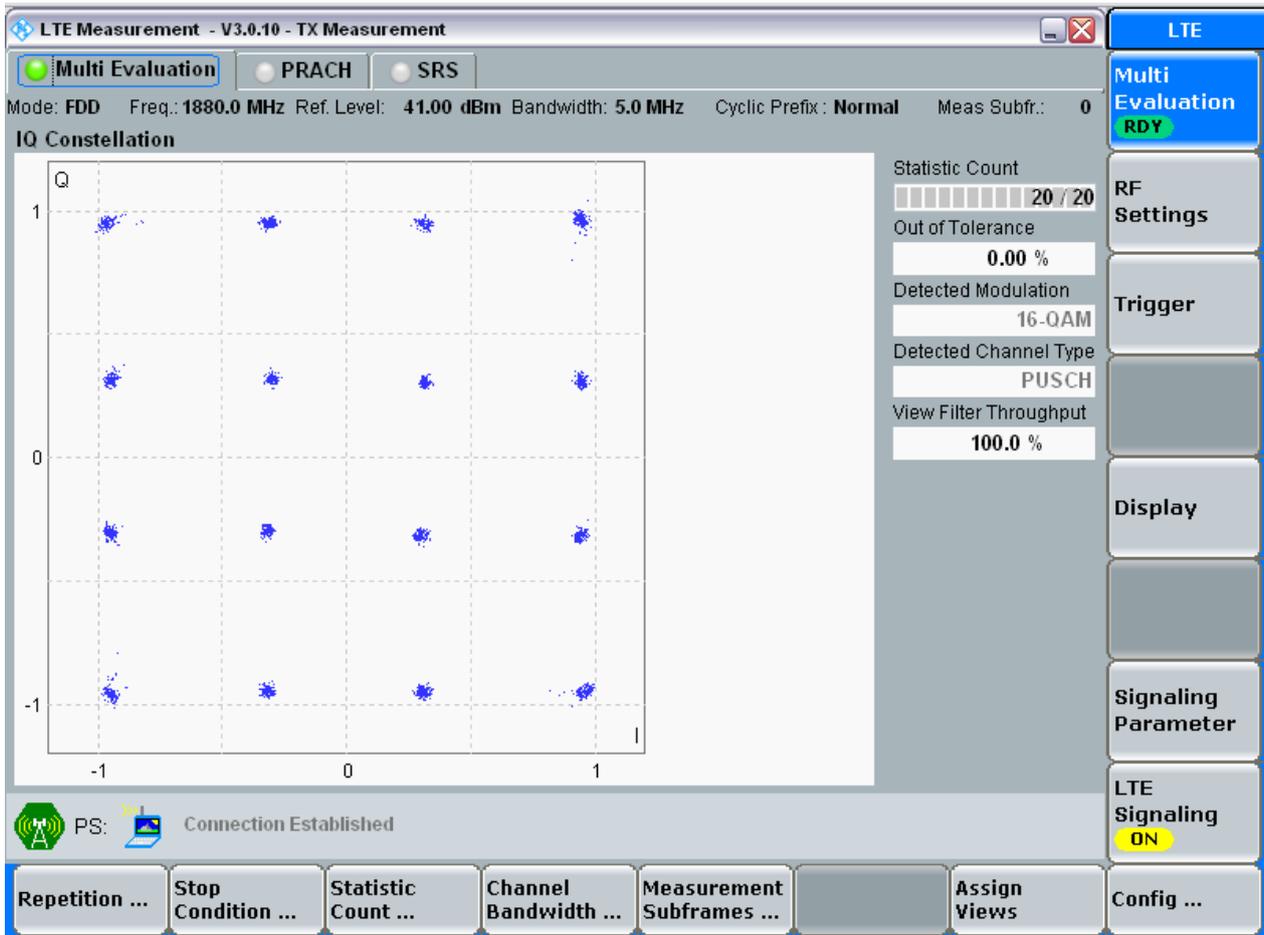
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

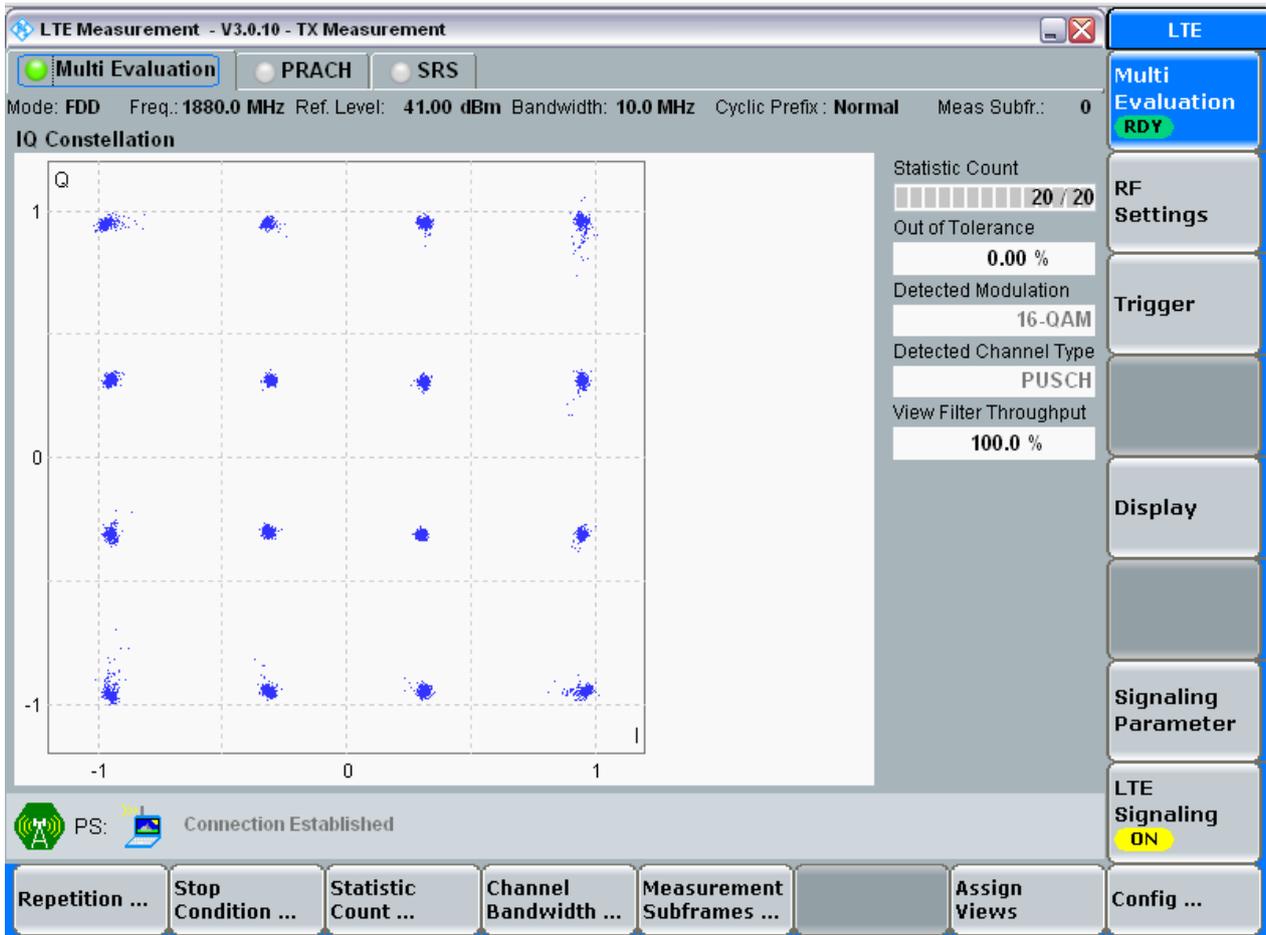
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

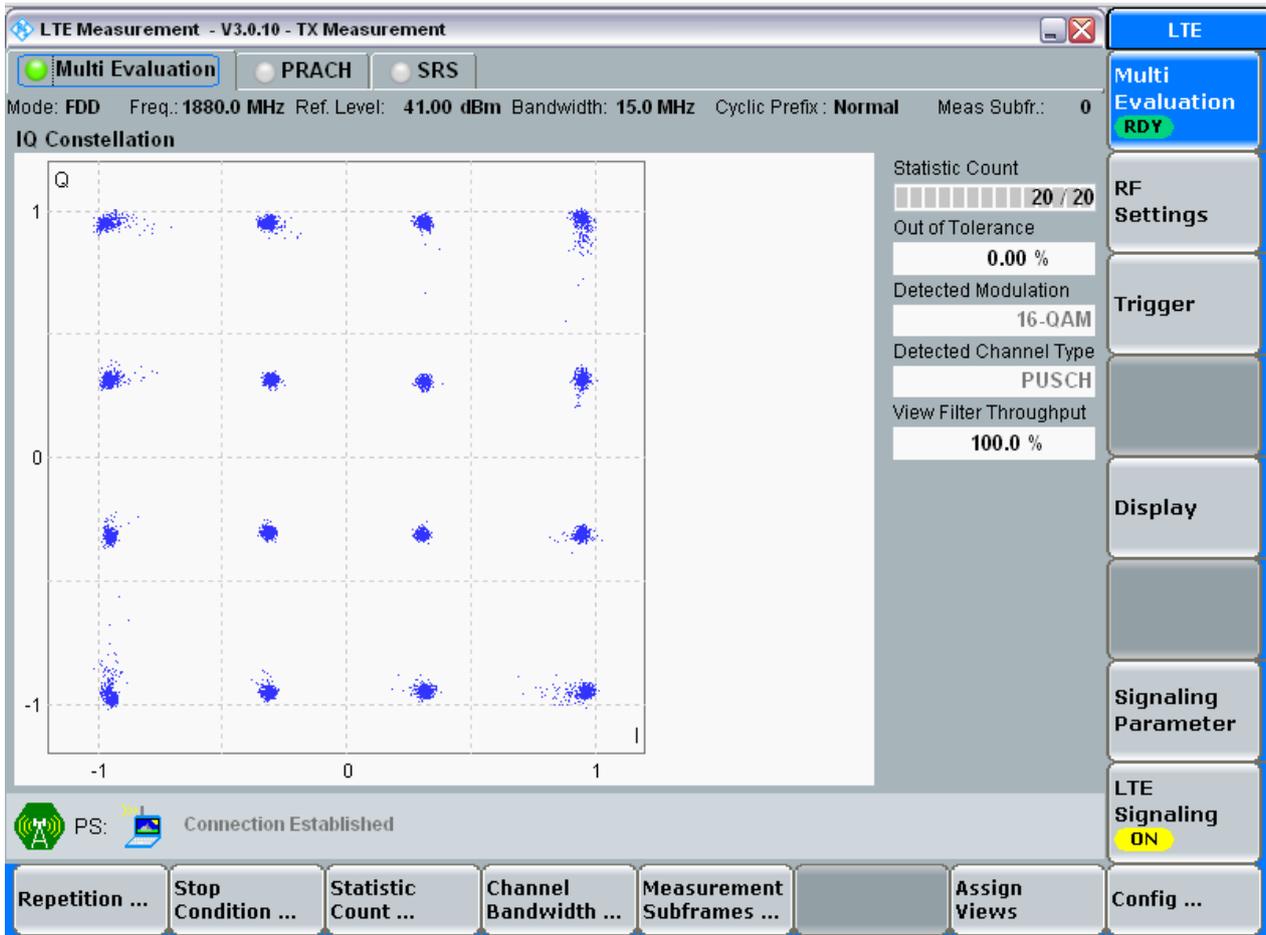
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

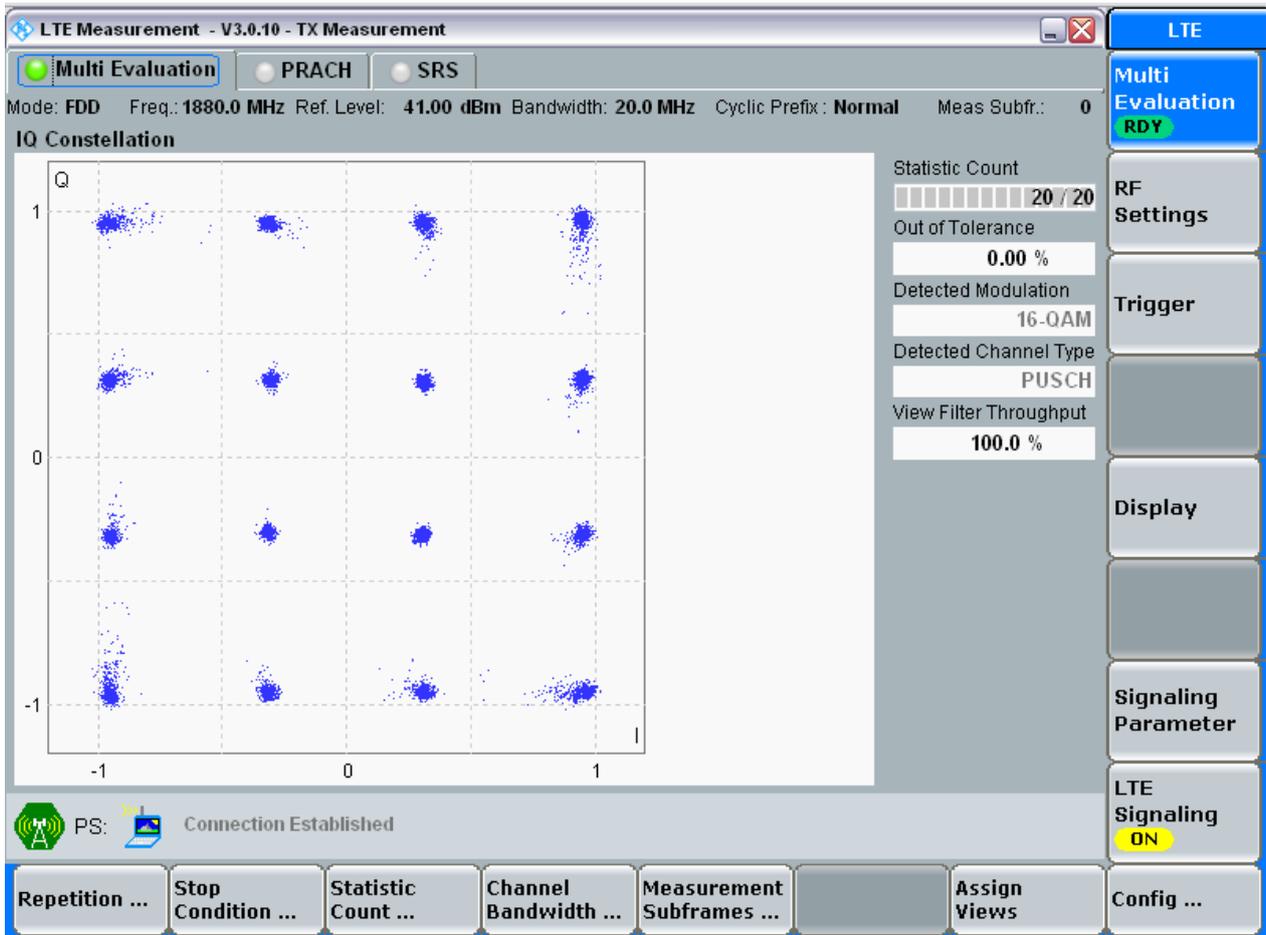
##### 3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0





## 4Appendix\_D: Bandwidth

### Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.49	4.85	Pass
			MCH	RB25#0	4.49	4.85	Pass
			HCH	RB25#0	4.49	4.84	Pass
		10	LCH	RB50#0	9.00	9.61	Pass
			MCH	RB50#0	9.00	9.65	Pass
			HCH	RB50#0	9.00	9.63	Pass
		15	LCH	RB75#0	13.49	14.38	Pass
			MCH	RB75#0	13.50	14.37	Pass
			HCH	RB75#0	13.49	14.45	Pass
		20	LCH	RB100#0	17.97	19.10	Pass
			MCH	RB100#0	17.98	19.08	Pass
			HCH	RB100#0	17.98	19.12	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.30	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.35	Pass
		3	LCH	RB15#0	2.71	2.95	Pass
			MCH	RB15#0	2.71	2.95	Pass
			HCH	RB15#0	2.71	2.93	Pass
5		LCH	RB25#0	4.50	4.87	Pass	
		MCH	RB25#0	4.50	4.87	Pass	
		HCH	RB25#0	4.50	4.88	Pass	
10		LCH	RB50#0	9.00	9.69	Pass	
		MCH	RB50#0	8.99	9.63	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB50#0	9.00	9.73	Pass
		15	LCH	RB75#0	13.48	14.40	Pass
			MCH	RB75#0	13.50	14.46	Pass
			HCH	RB75#0	13.50	14.54	Pass
		20	LCH	RB100#0	17.98	19.02	Pass
			MCH	RB100#0	18.01	19.23	Pass
			HCH	RB100#0	18.03	19.38	Pass

**Part II - Test Plots**

**4.1 For LTE**

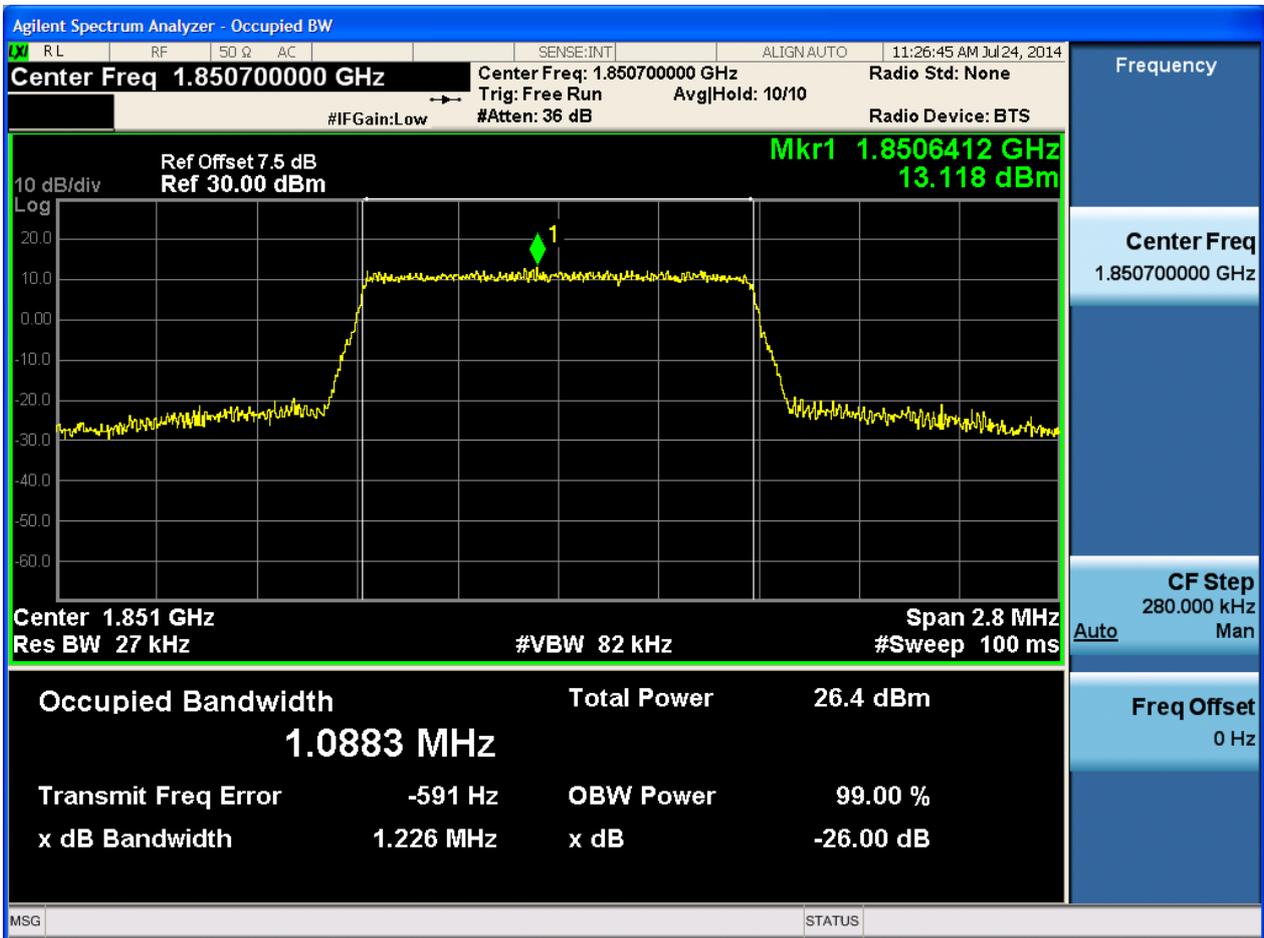
**4.1.1 Test Band = BAND2**

**4.1.1.1 Test Mode = LTE/TM1**

**4.1.1.1.1 Test Bandwidth = 1.4**

**4.1.1.1.1.1 Test Channel = LCH**

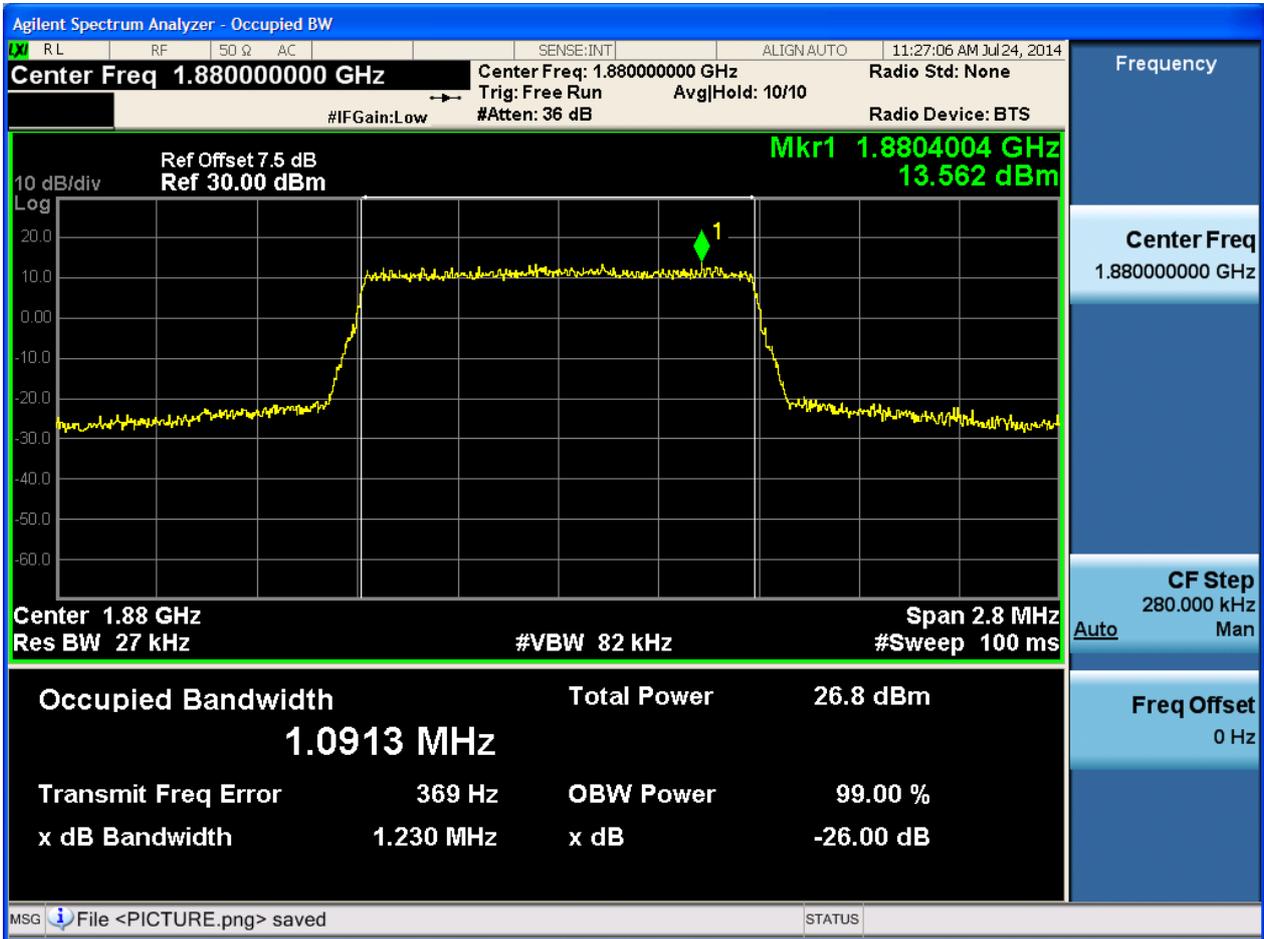
**4.1.1.1.1.1.1 Test RB = RB6#0**





4.1.1.1.1.2 Test Channel = MCH

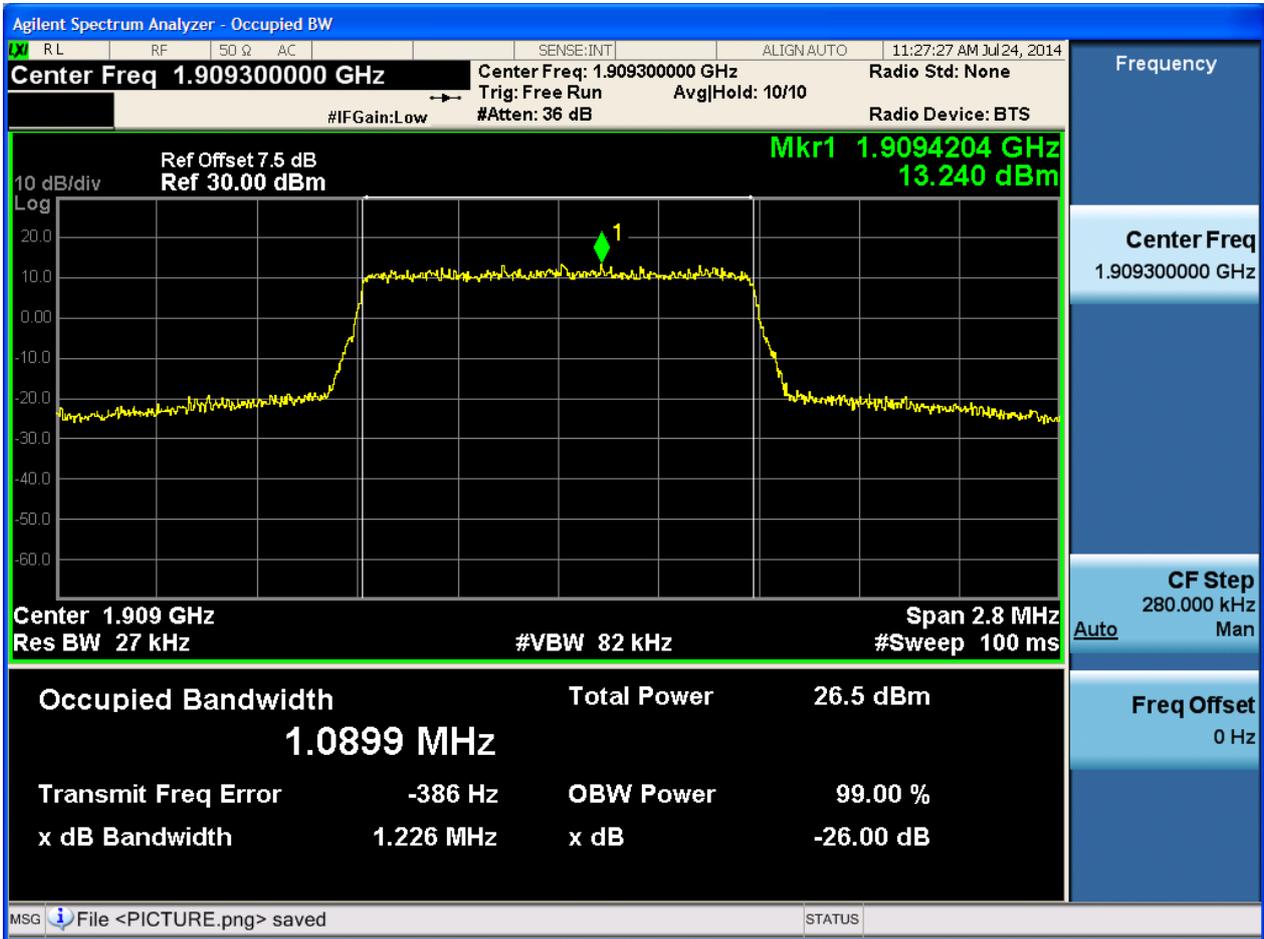
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

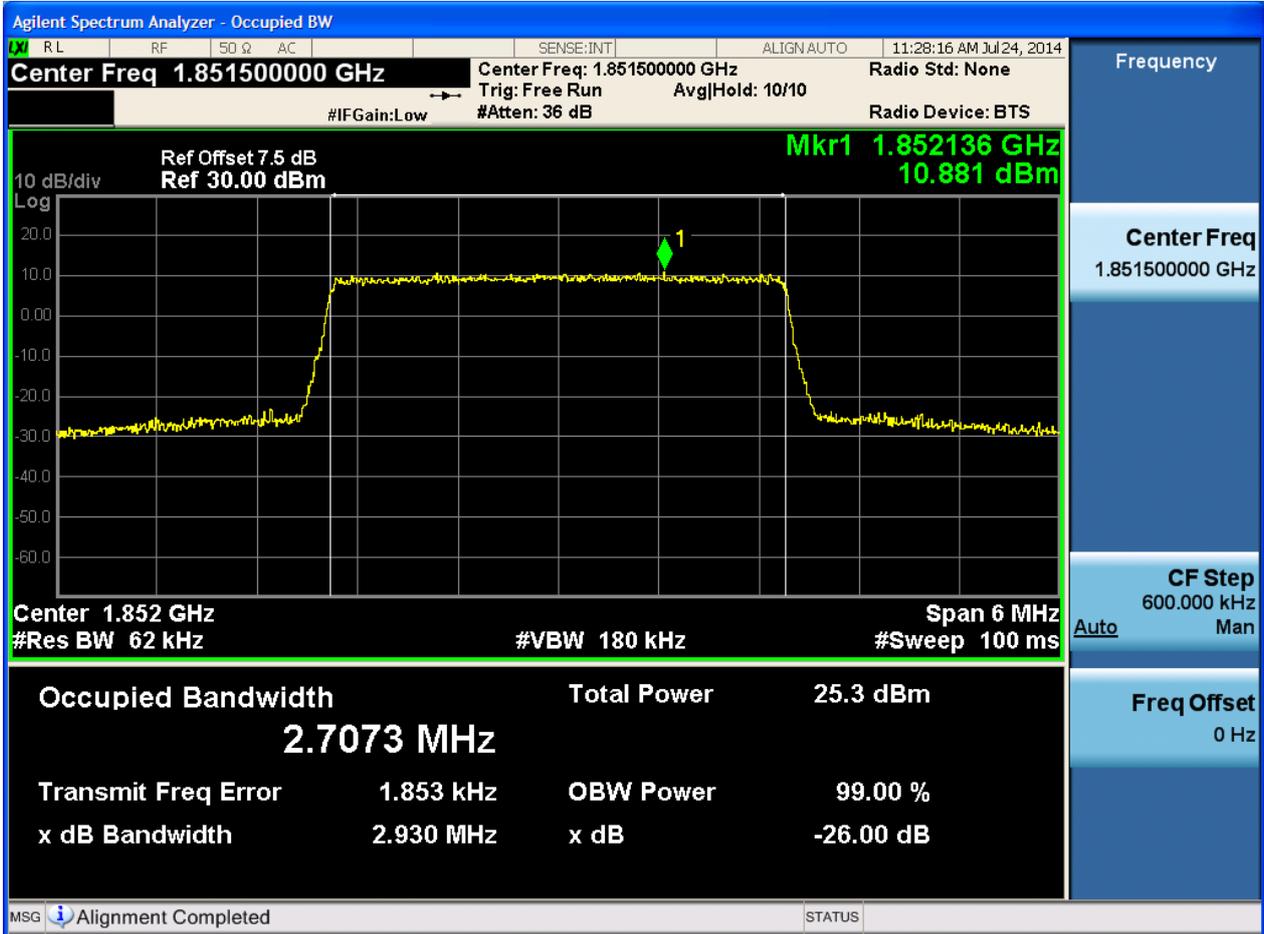




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

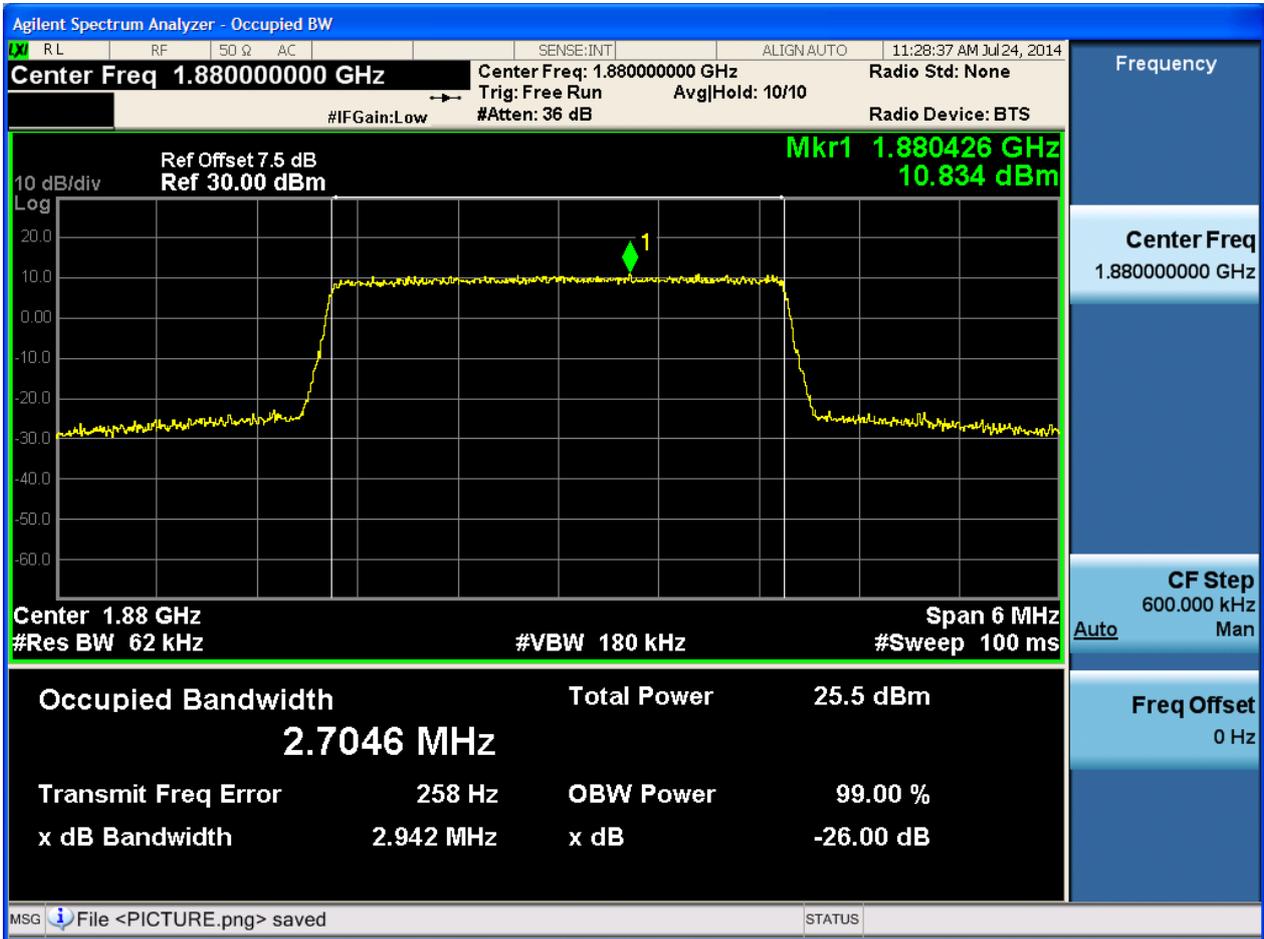
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

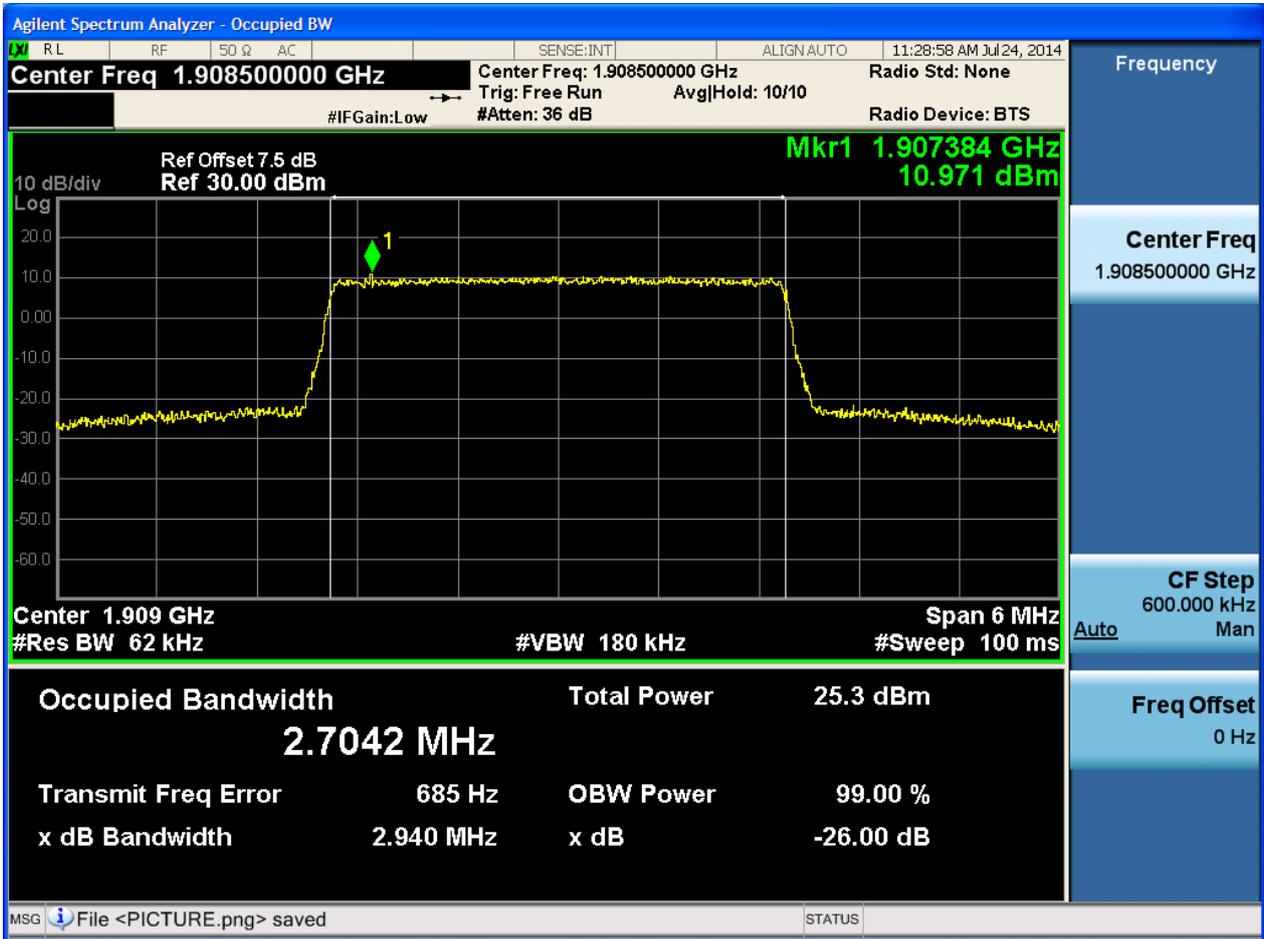
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0





4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

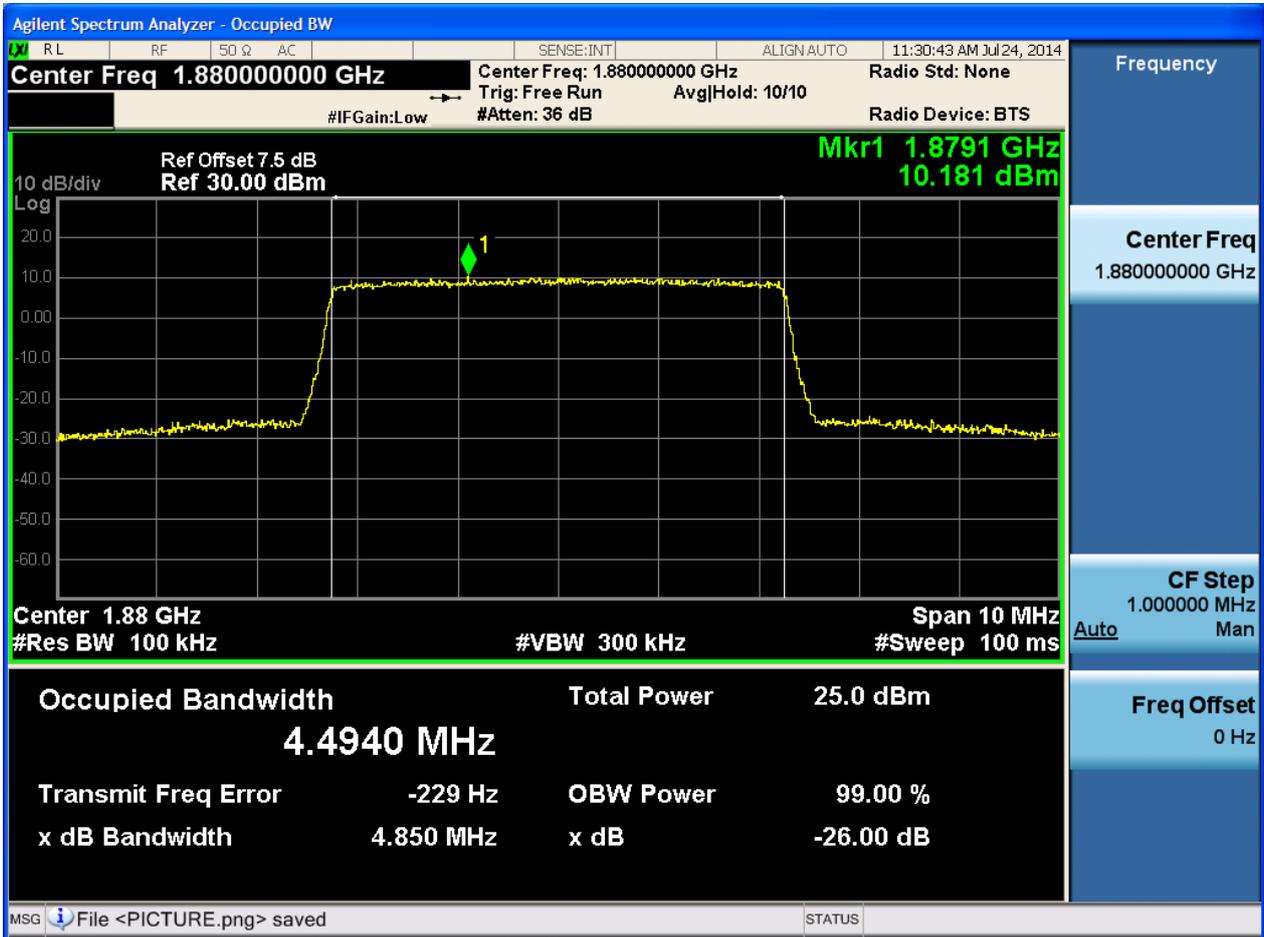
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

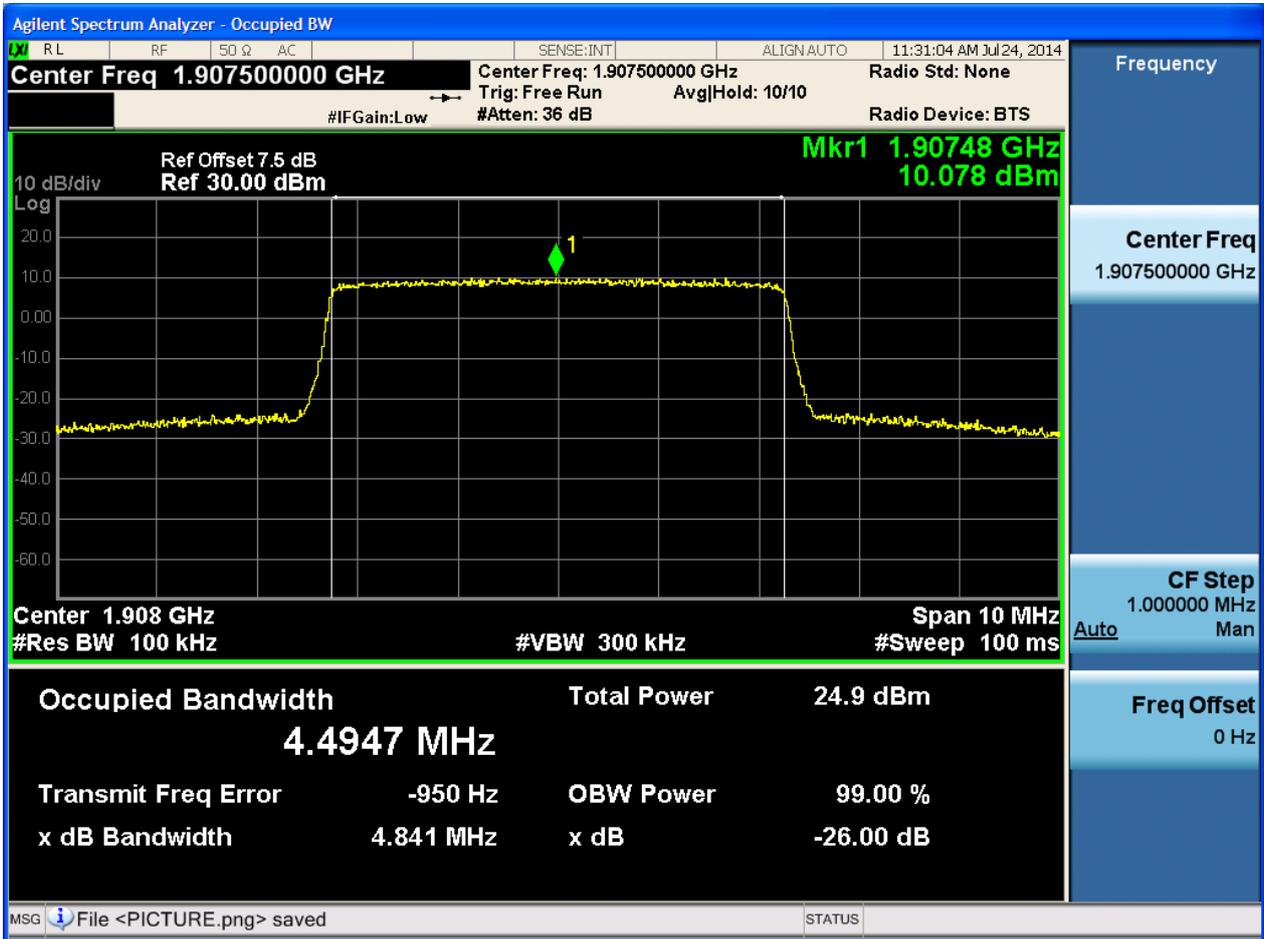
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0





4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

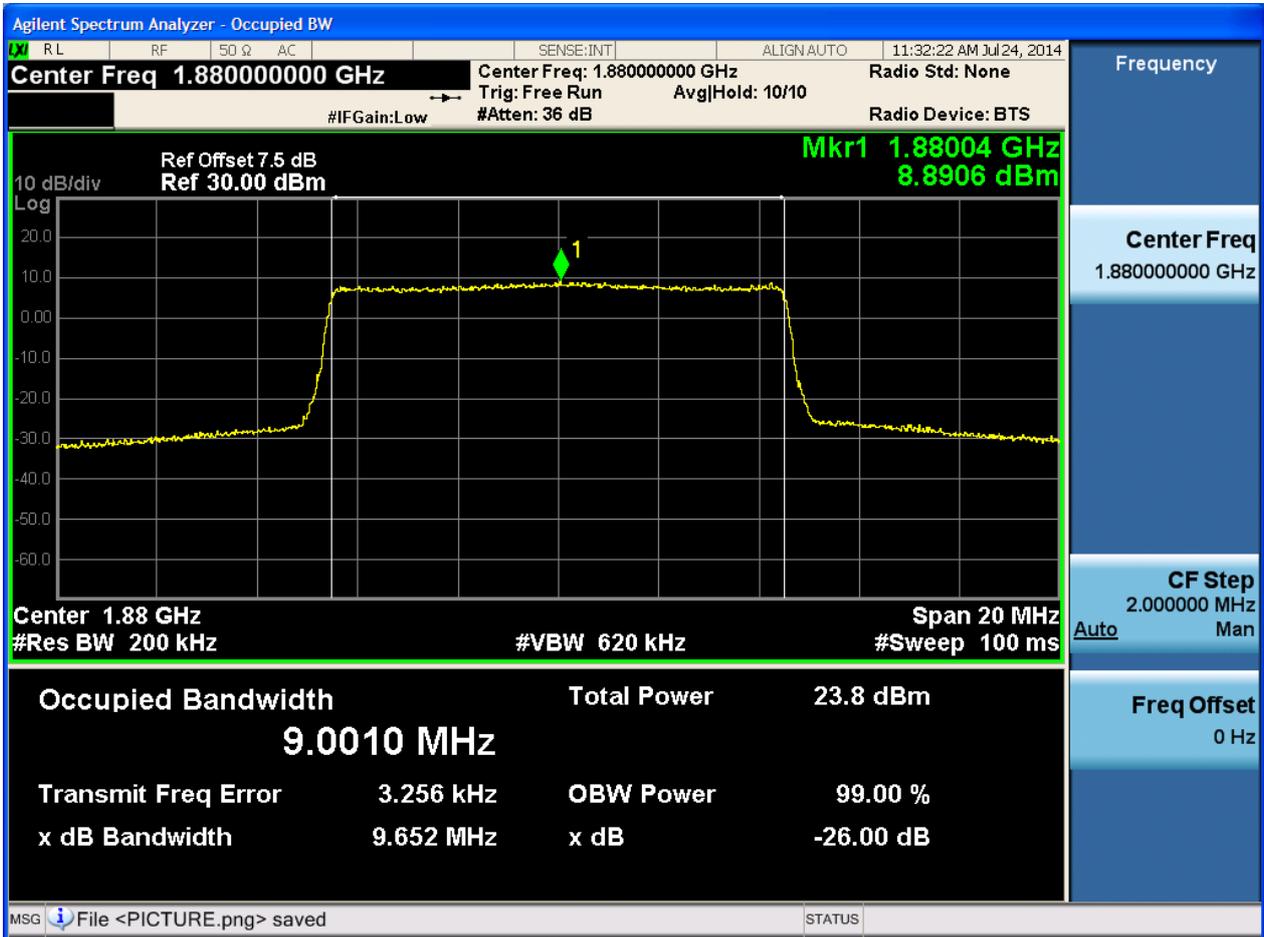
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

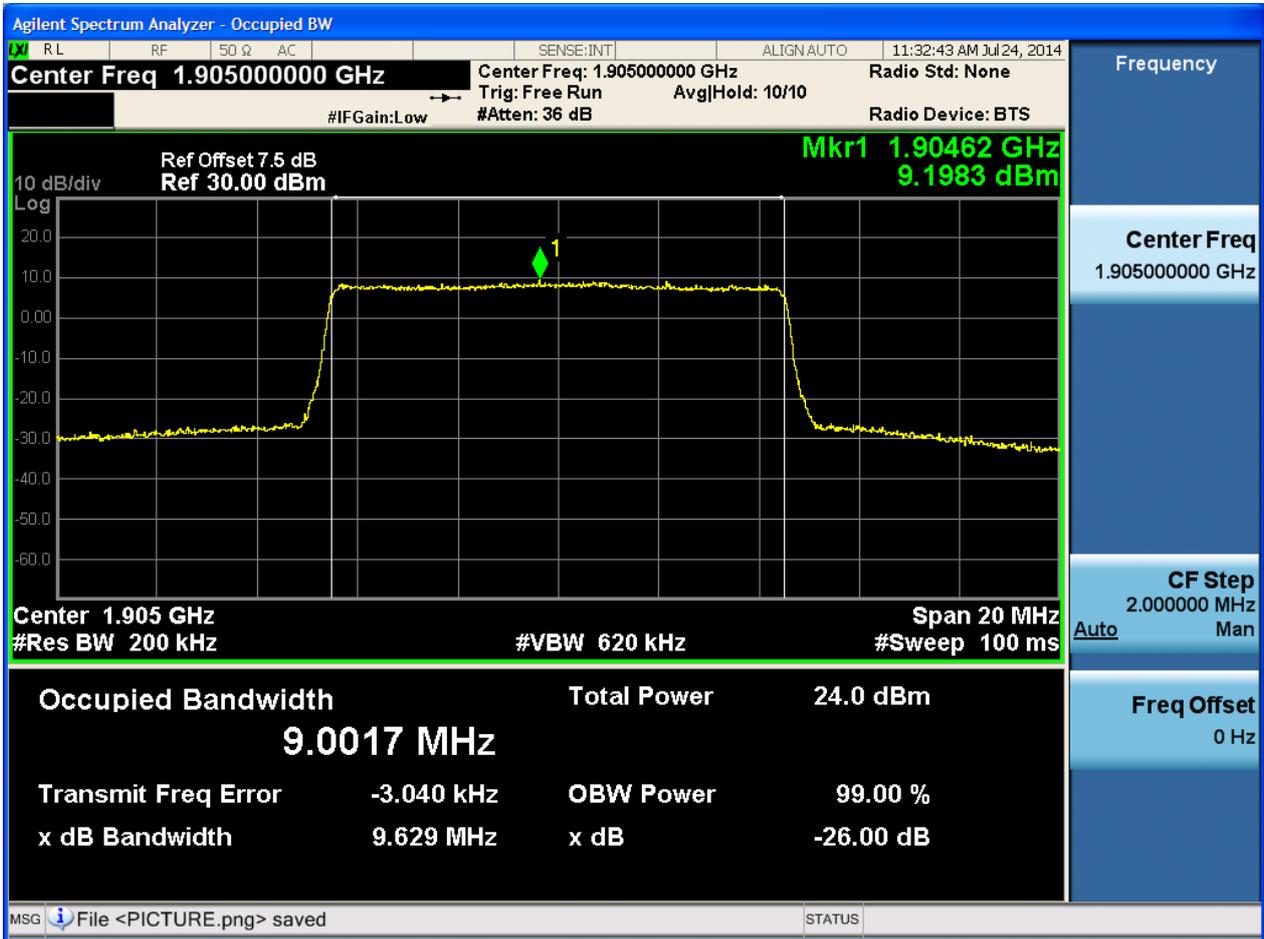
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

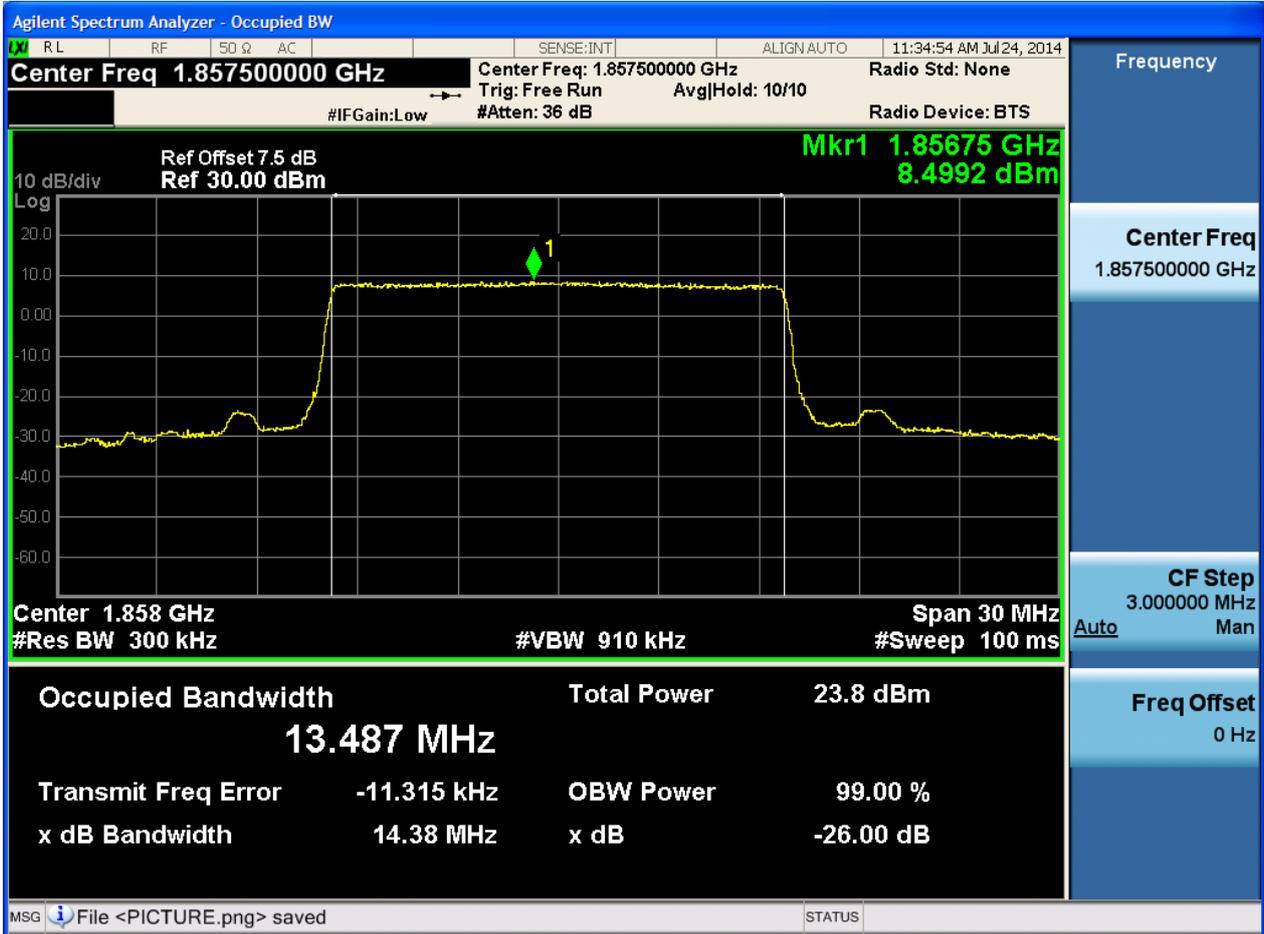




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

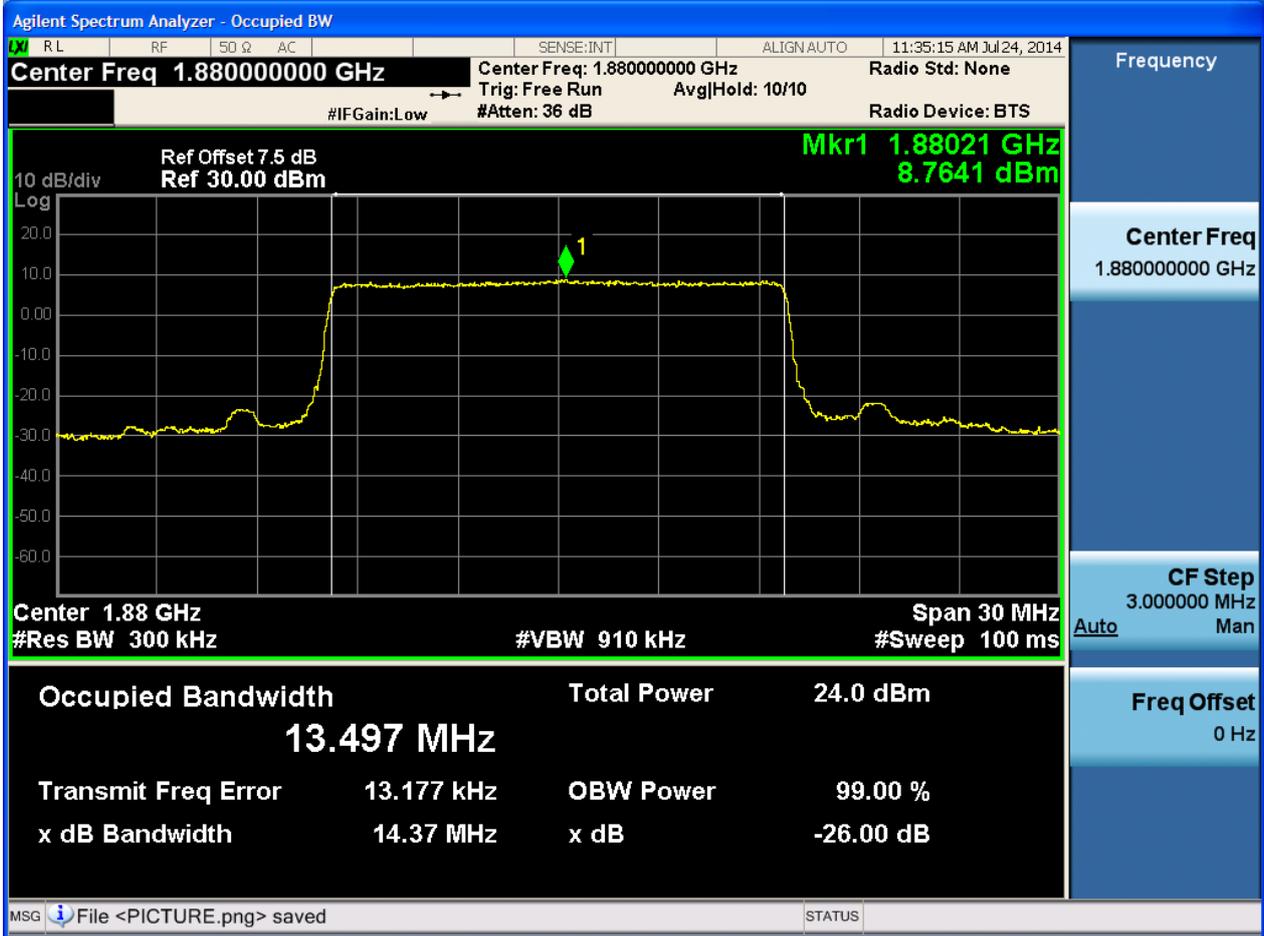
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0





4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

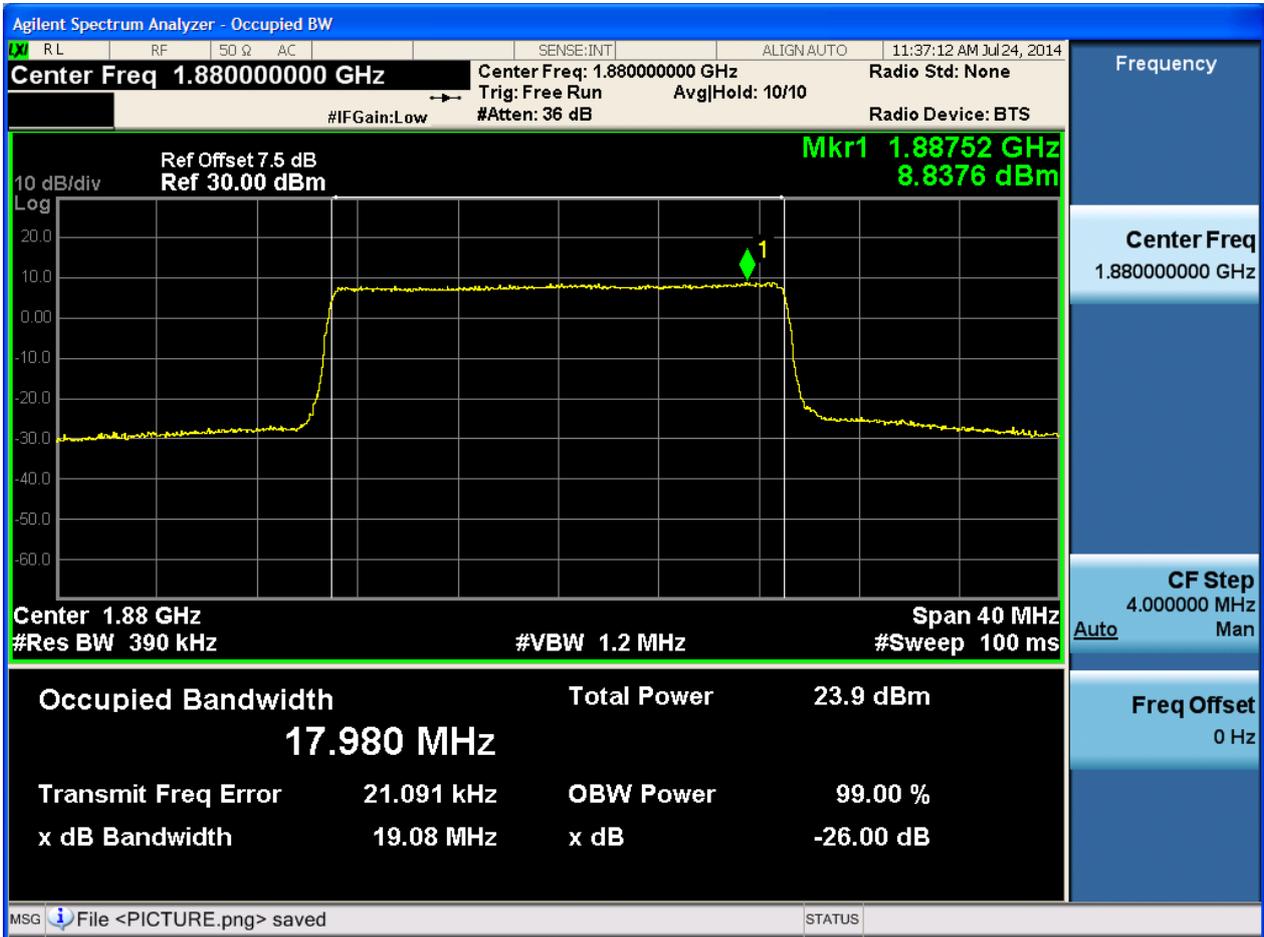
4.1.1.1.6.1.1 Test RB = RB100#0





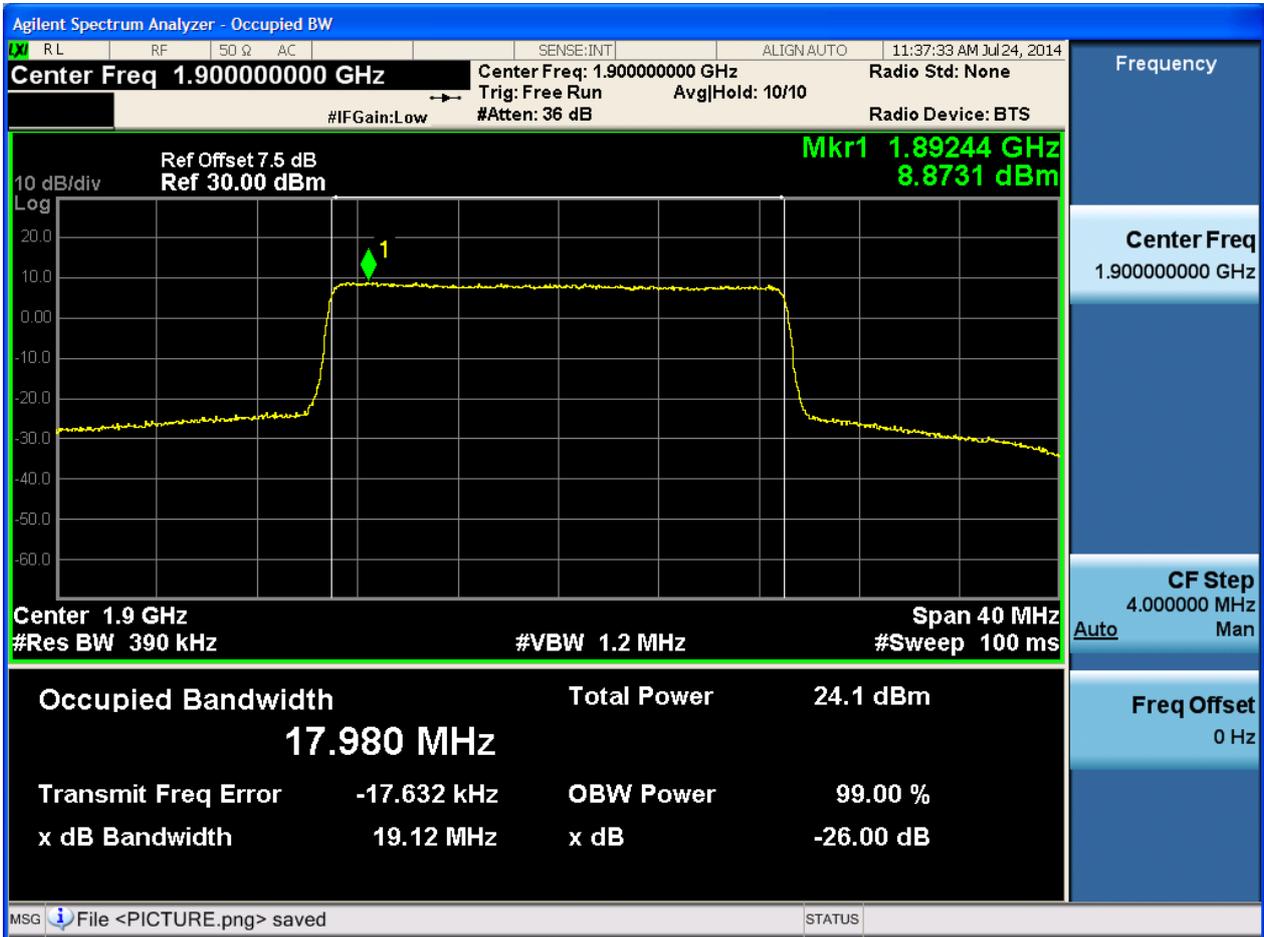
4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0



4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



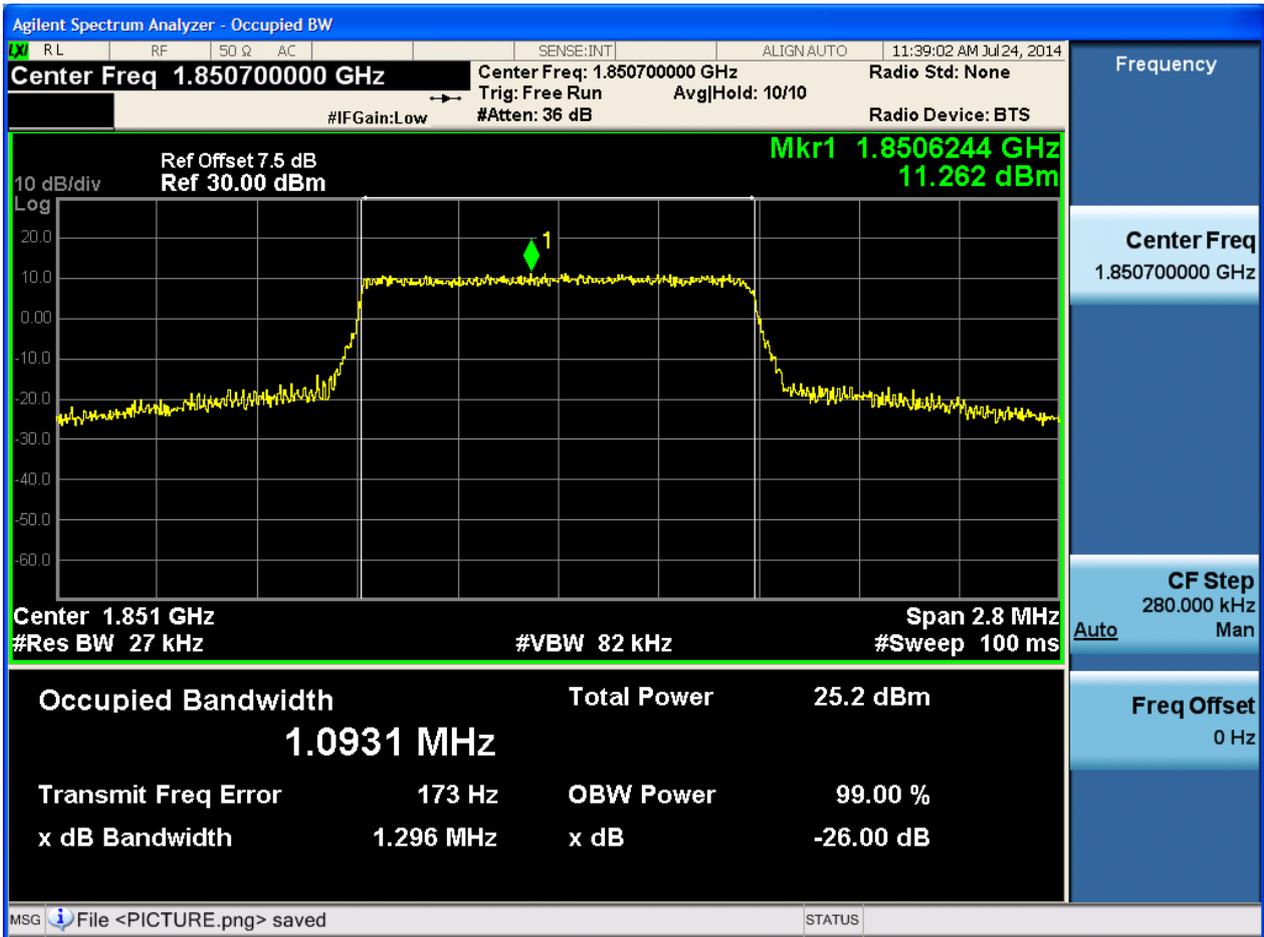


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

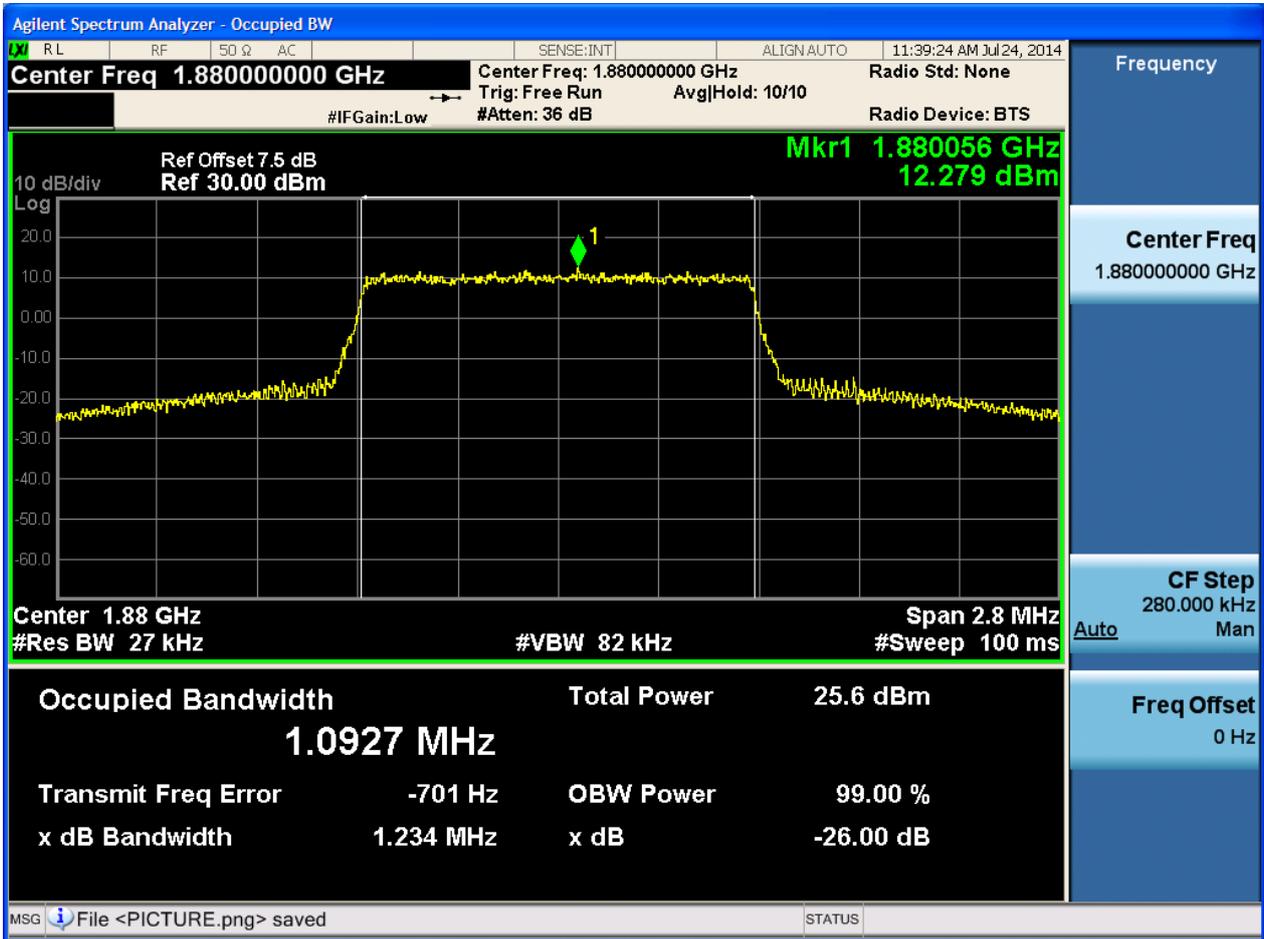
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

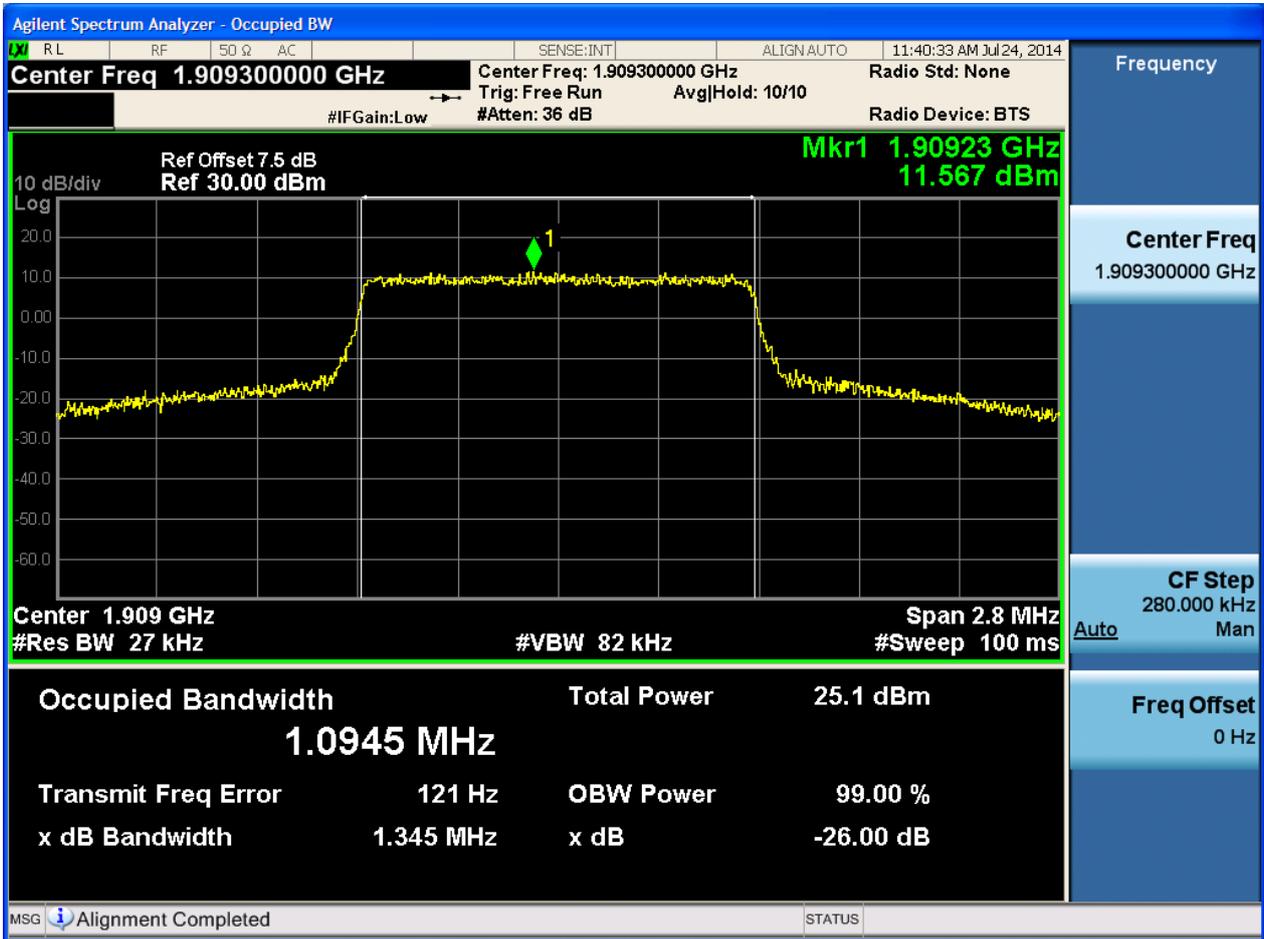
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0





4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

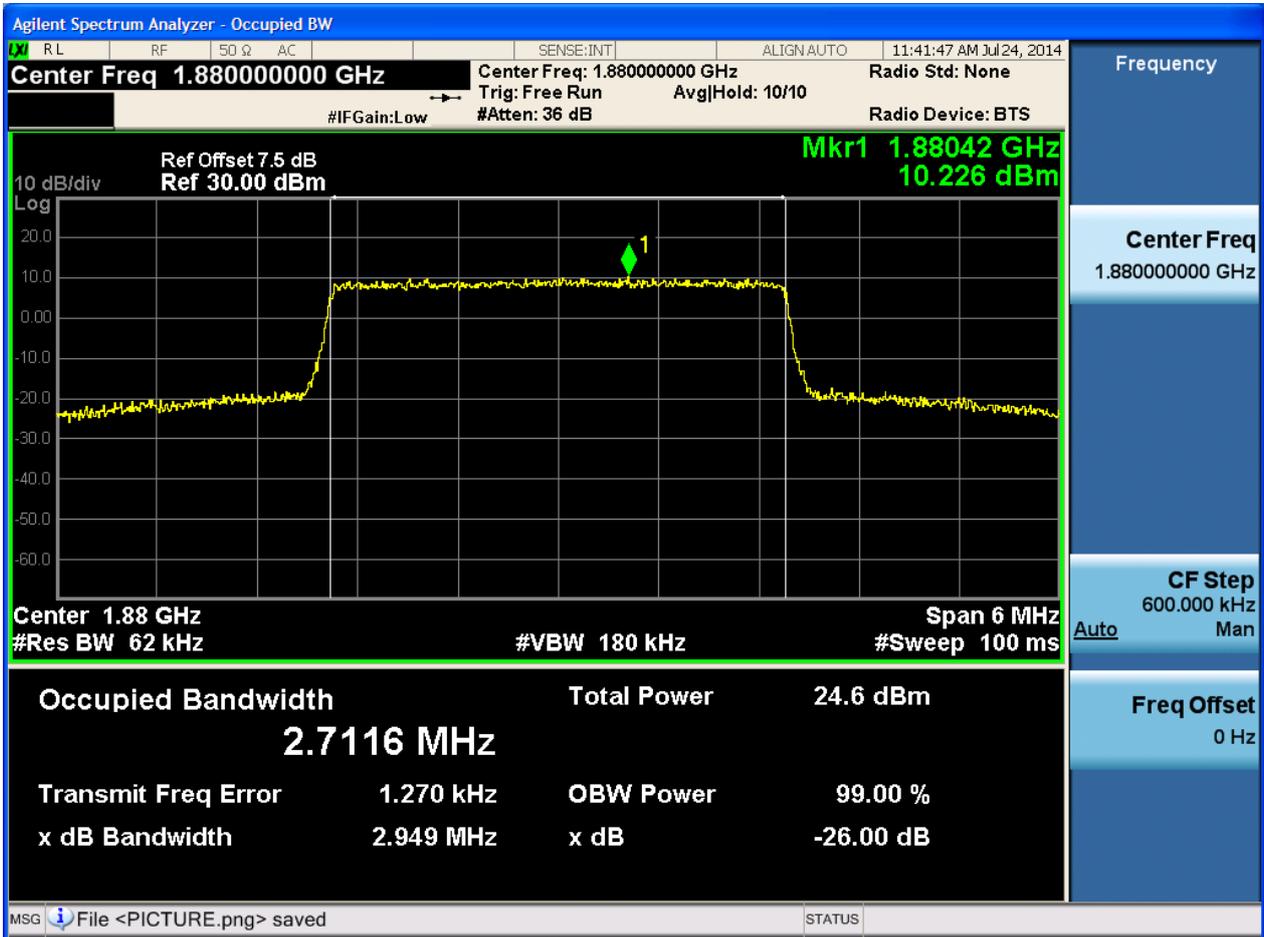
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

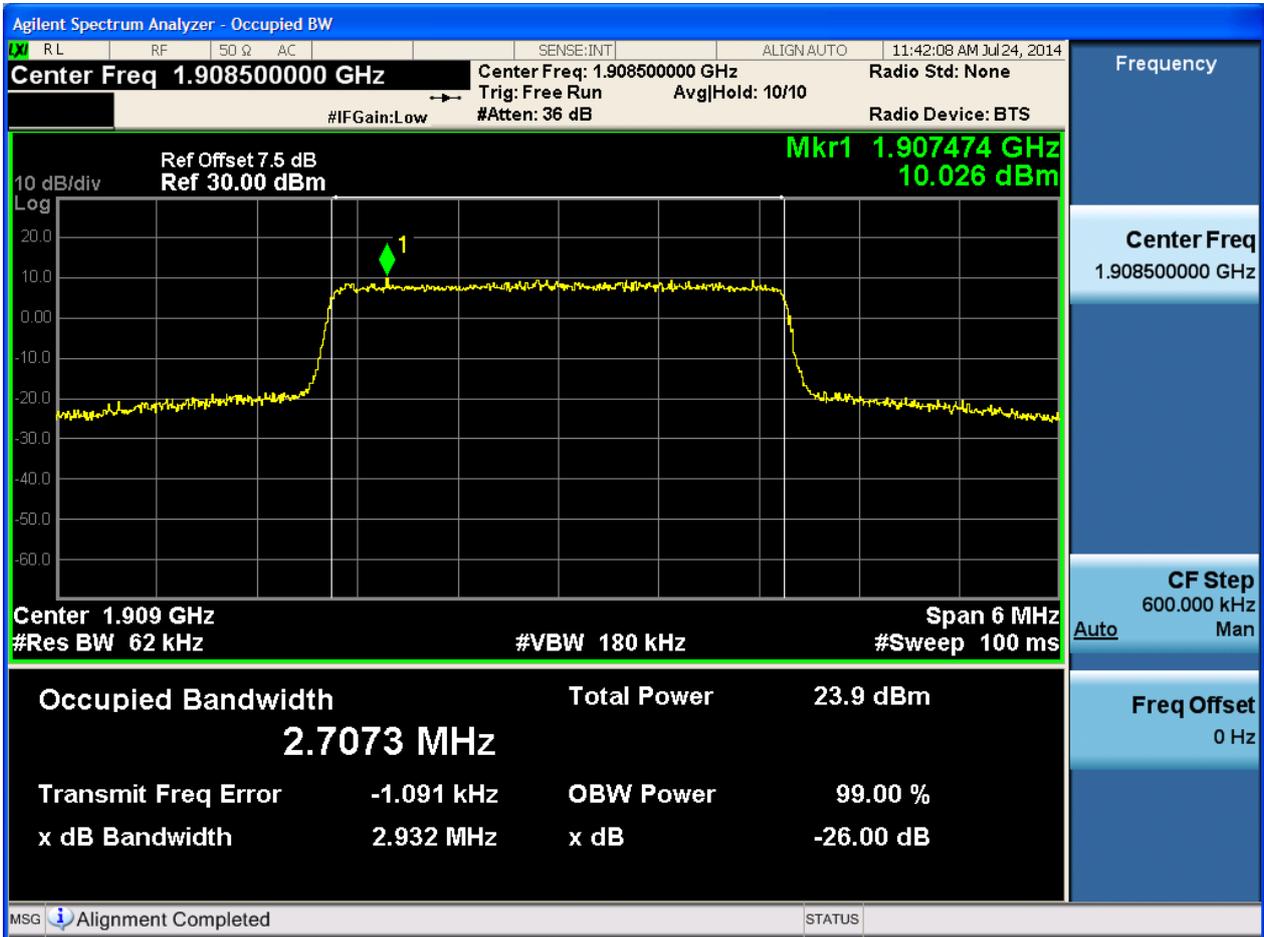
4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0





4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

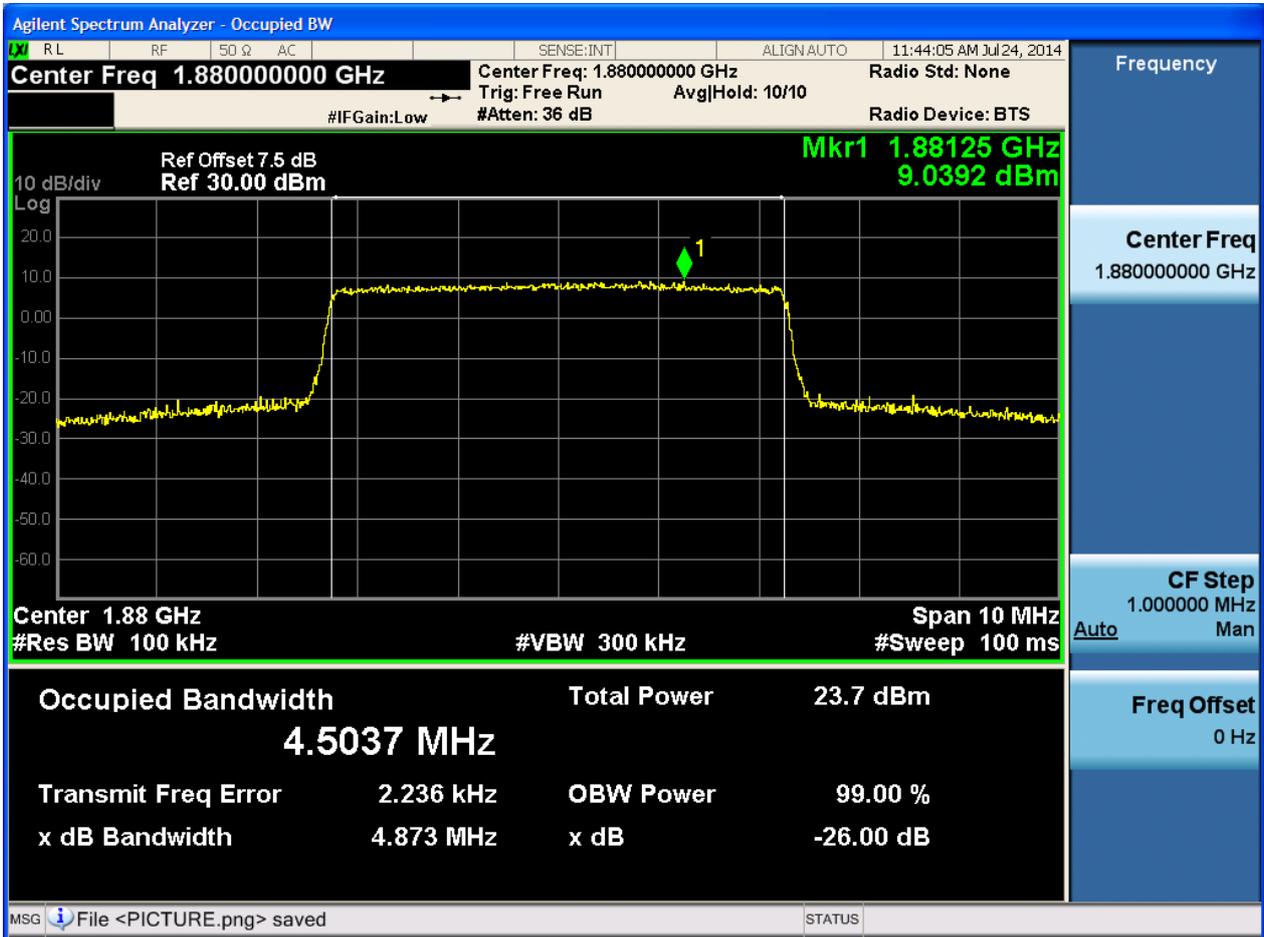
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

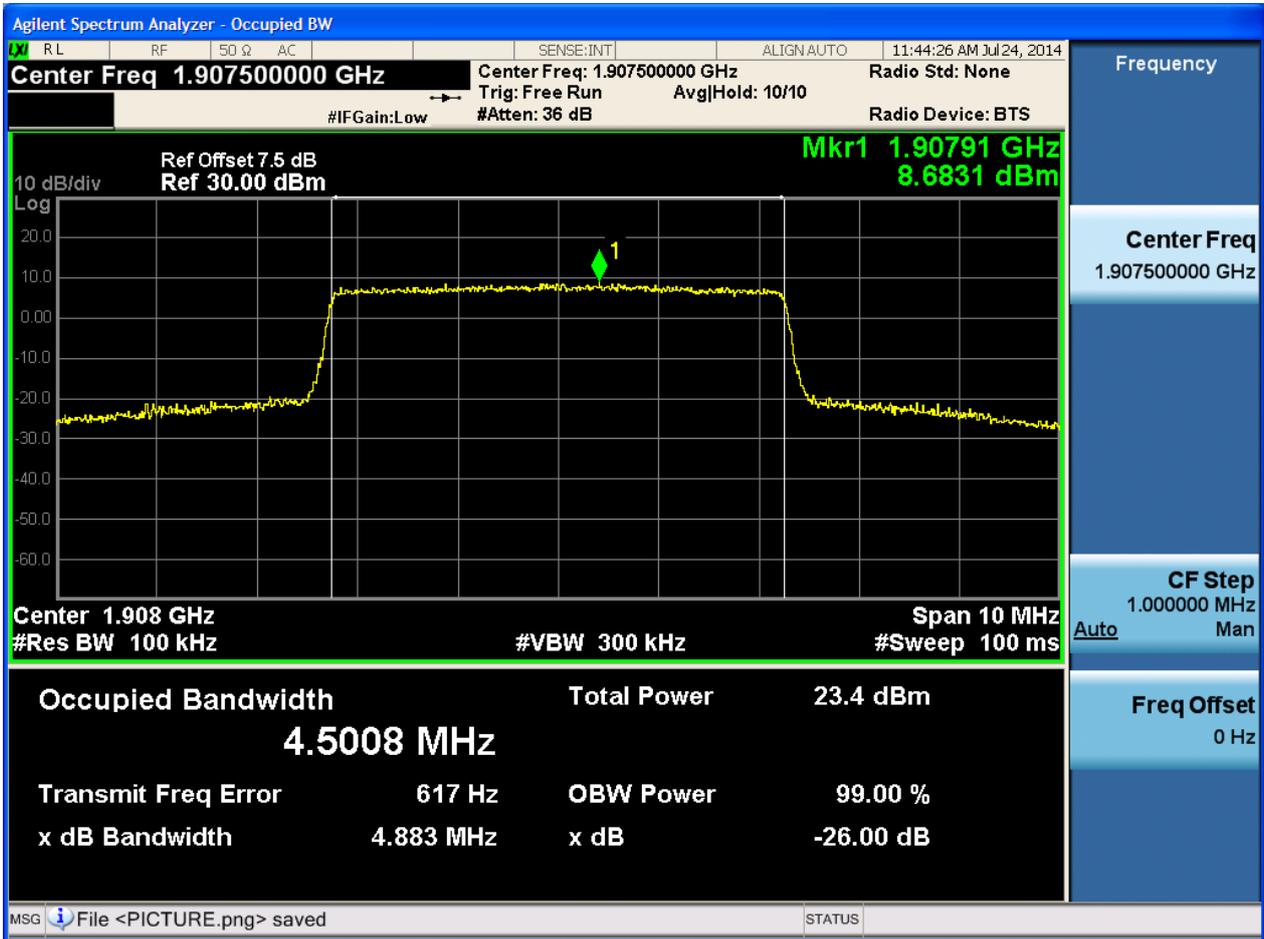
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0





4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

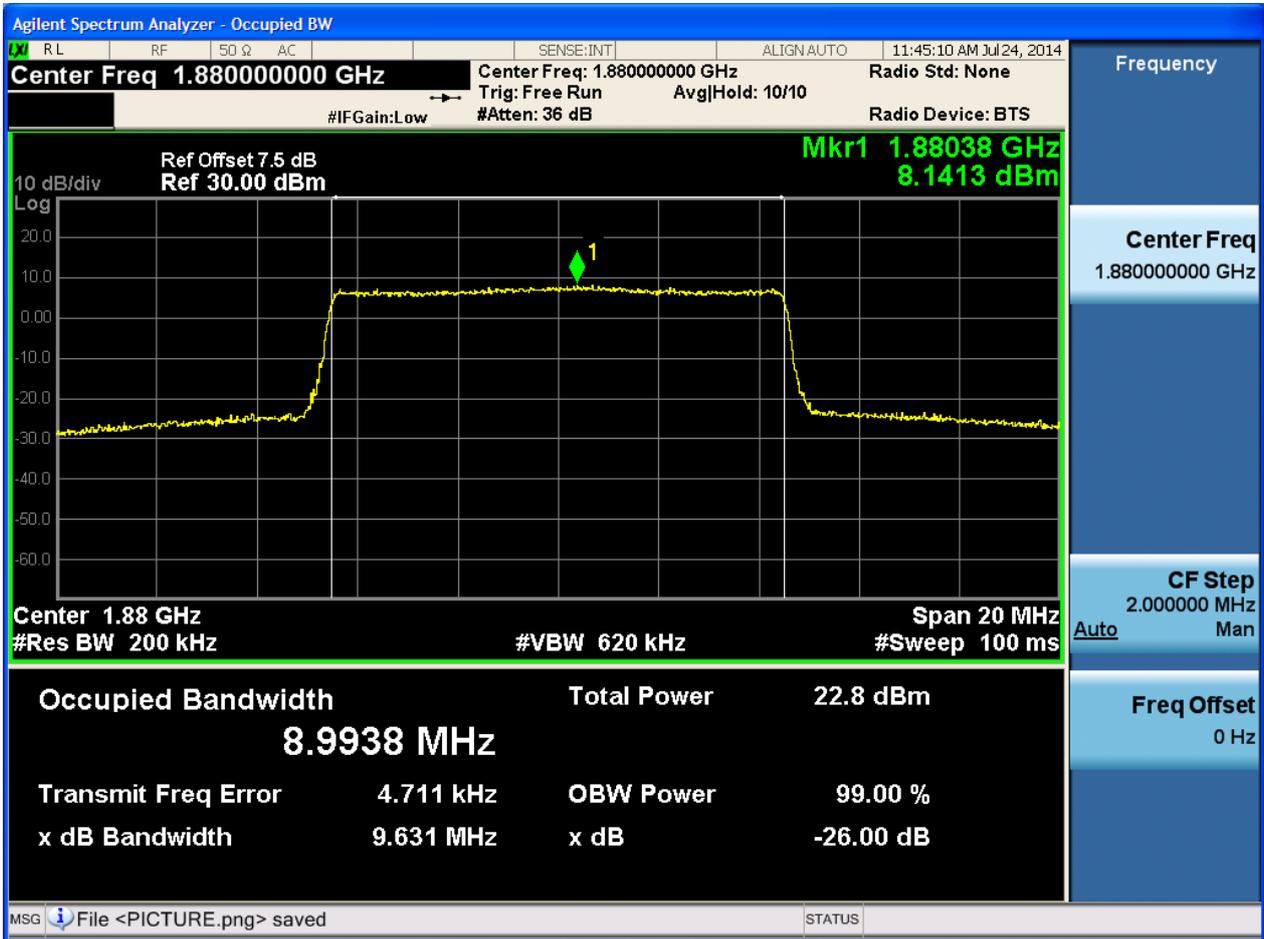
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

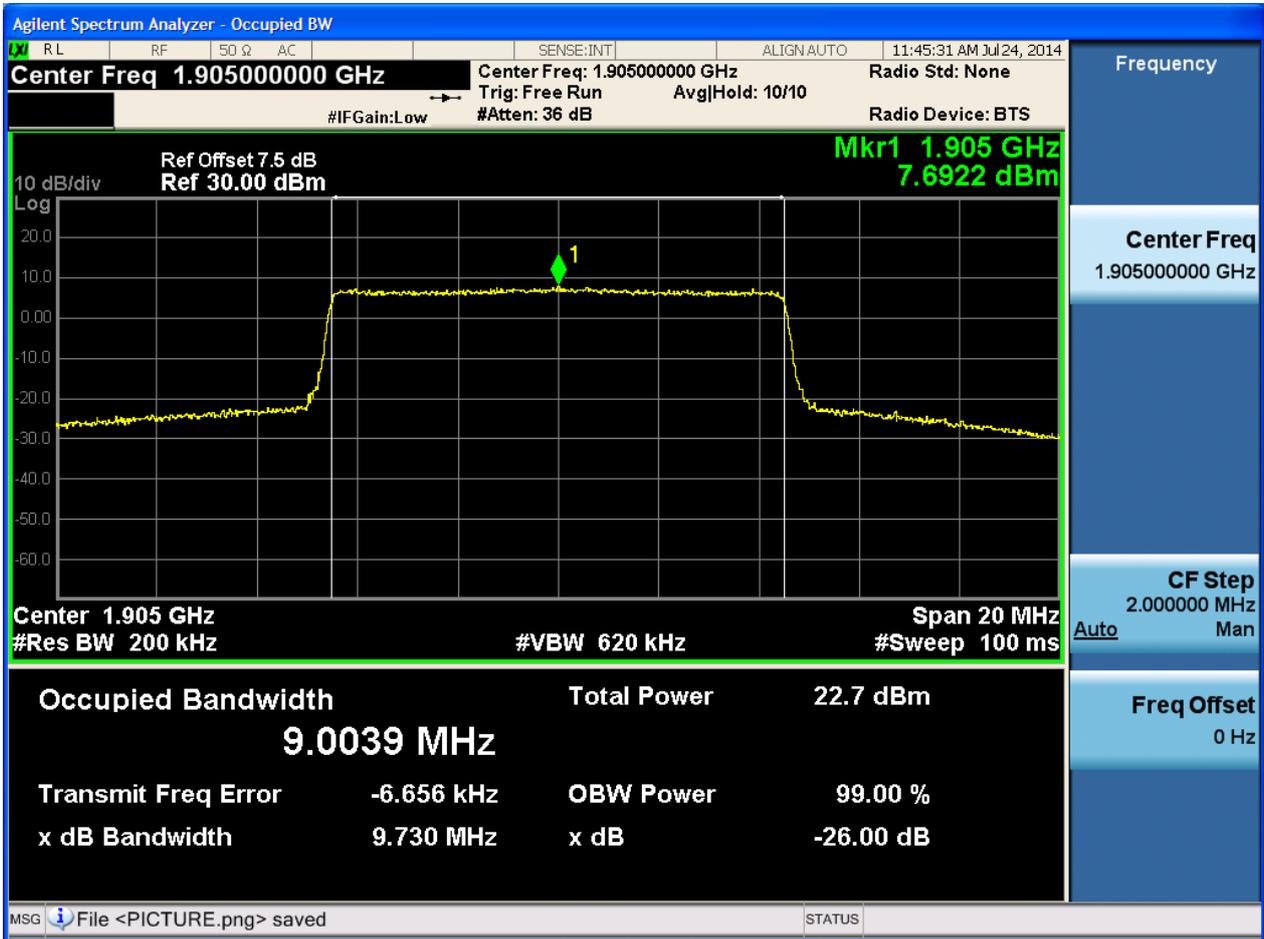
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0





4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

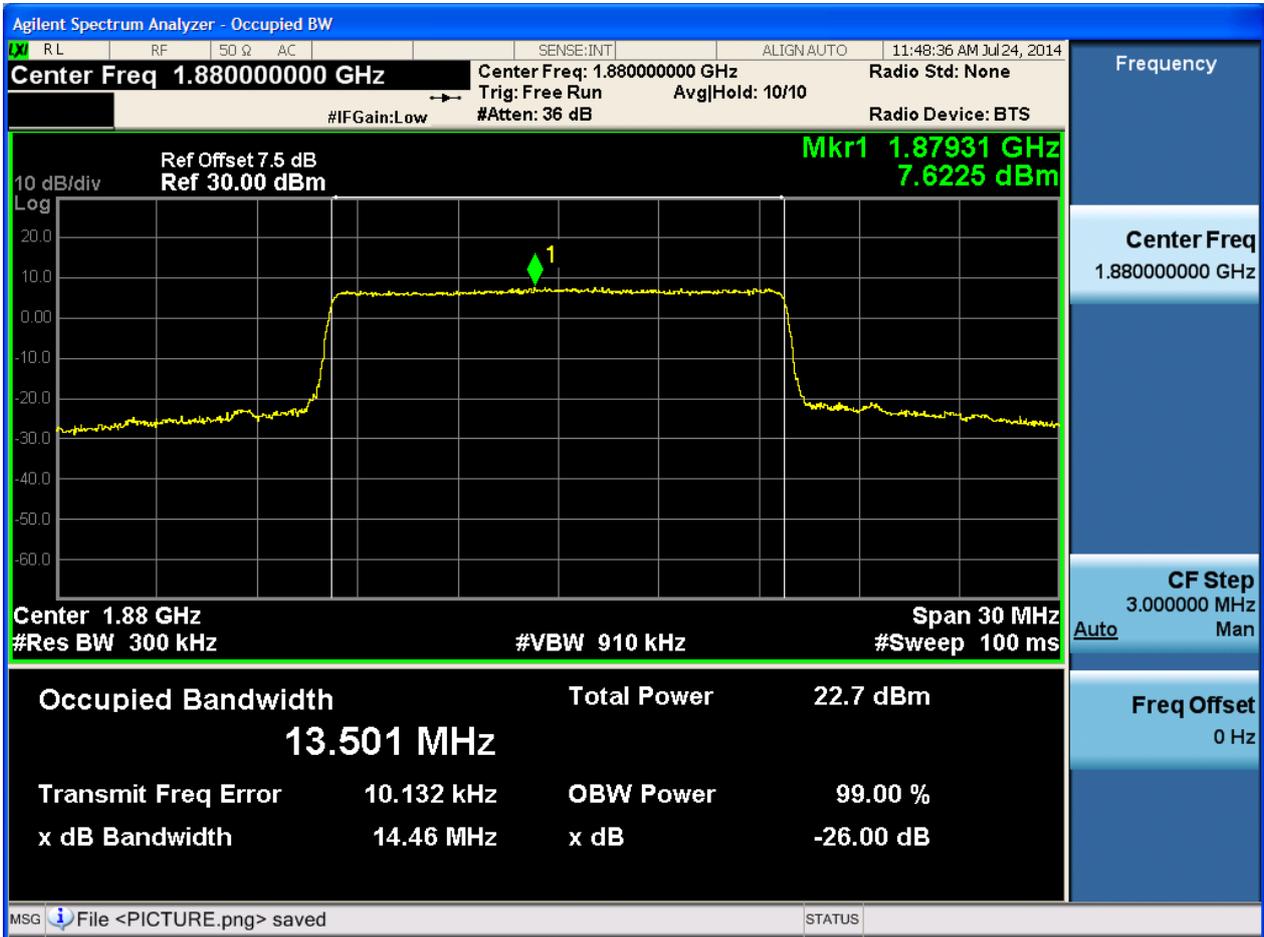
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

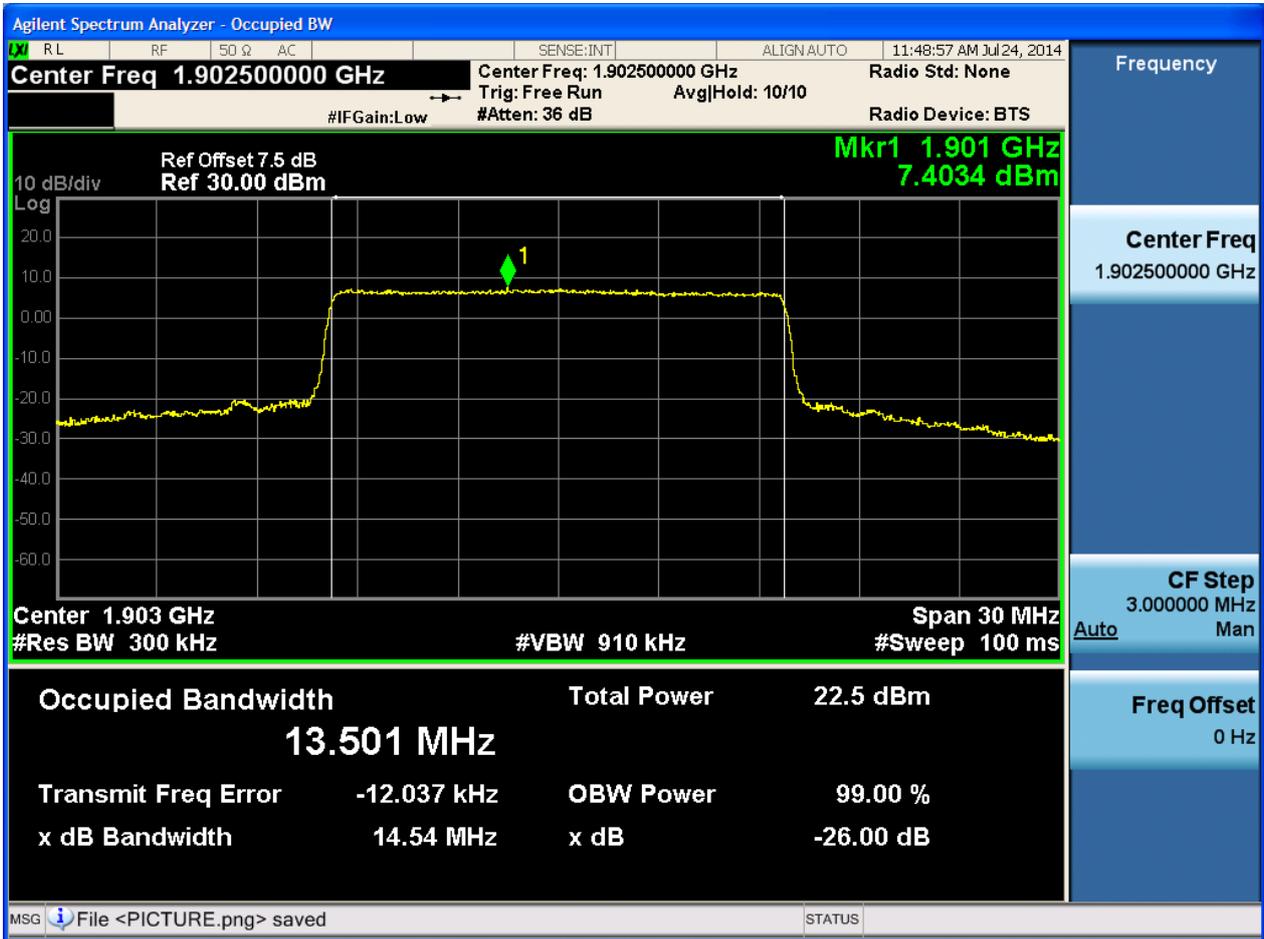
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0





4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0





## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

##### 5.1.1 Test Band = BAND2

##### 5.1.1.1 Test Mode = LTE/TM1

##### 5.1.1.1.1 Test Bandwidth = 1.4

##### 5.1.1.1.1.1 Test Channel = LCH

##### 5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#5



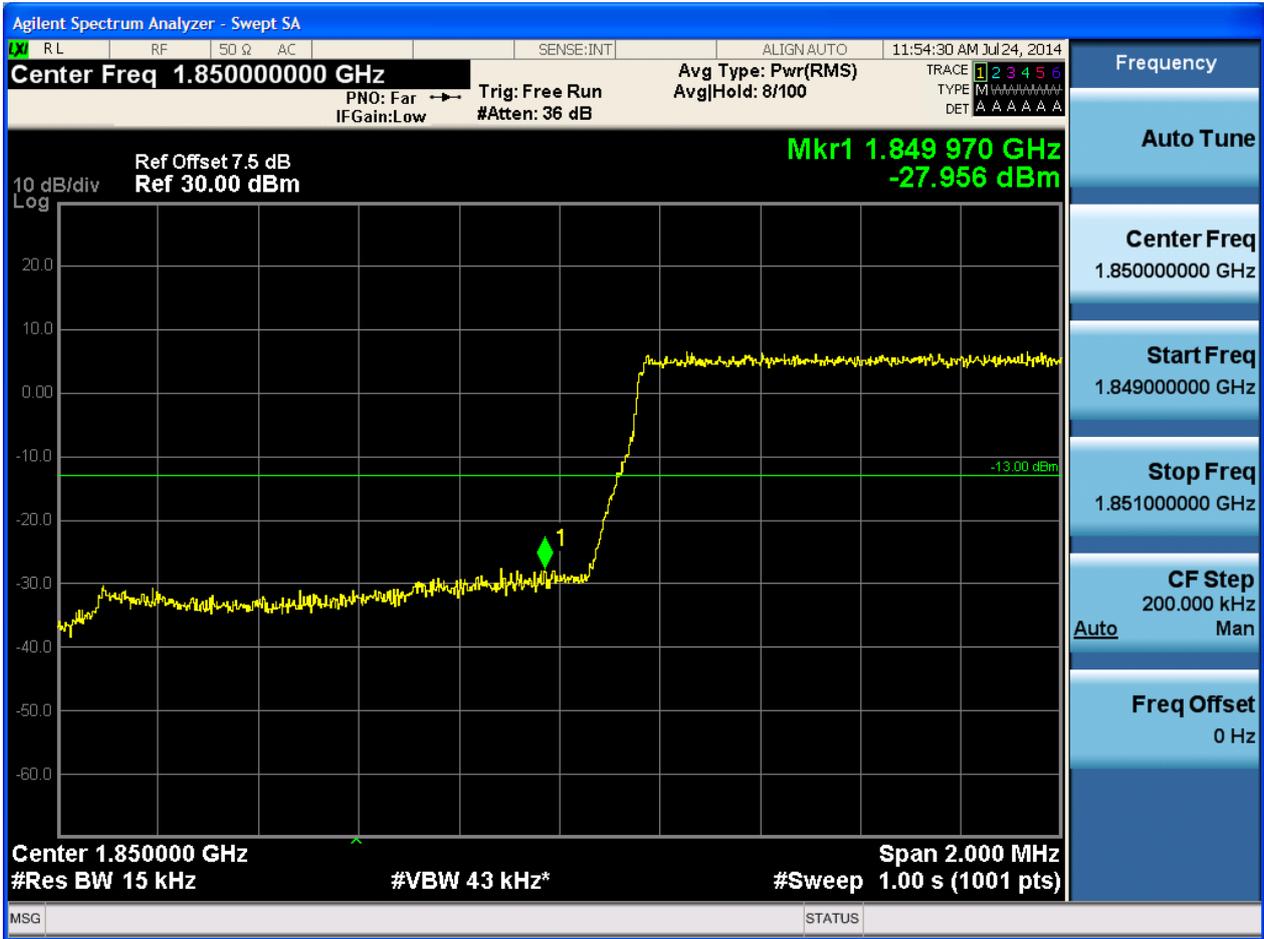


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5



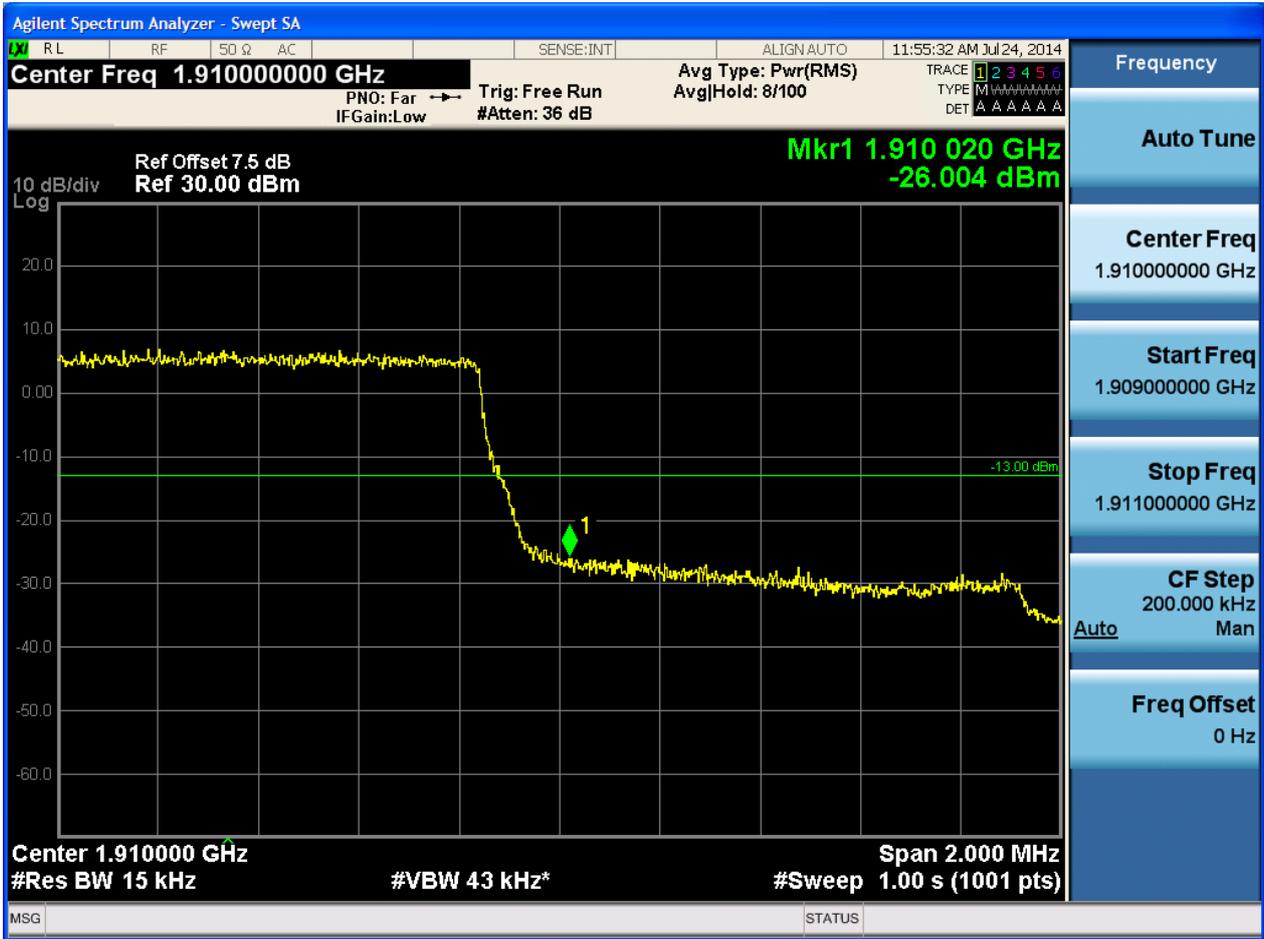


5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

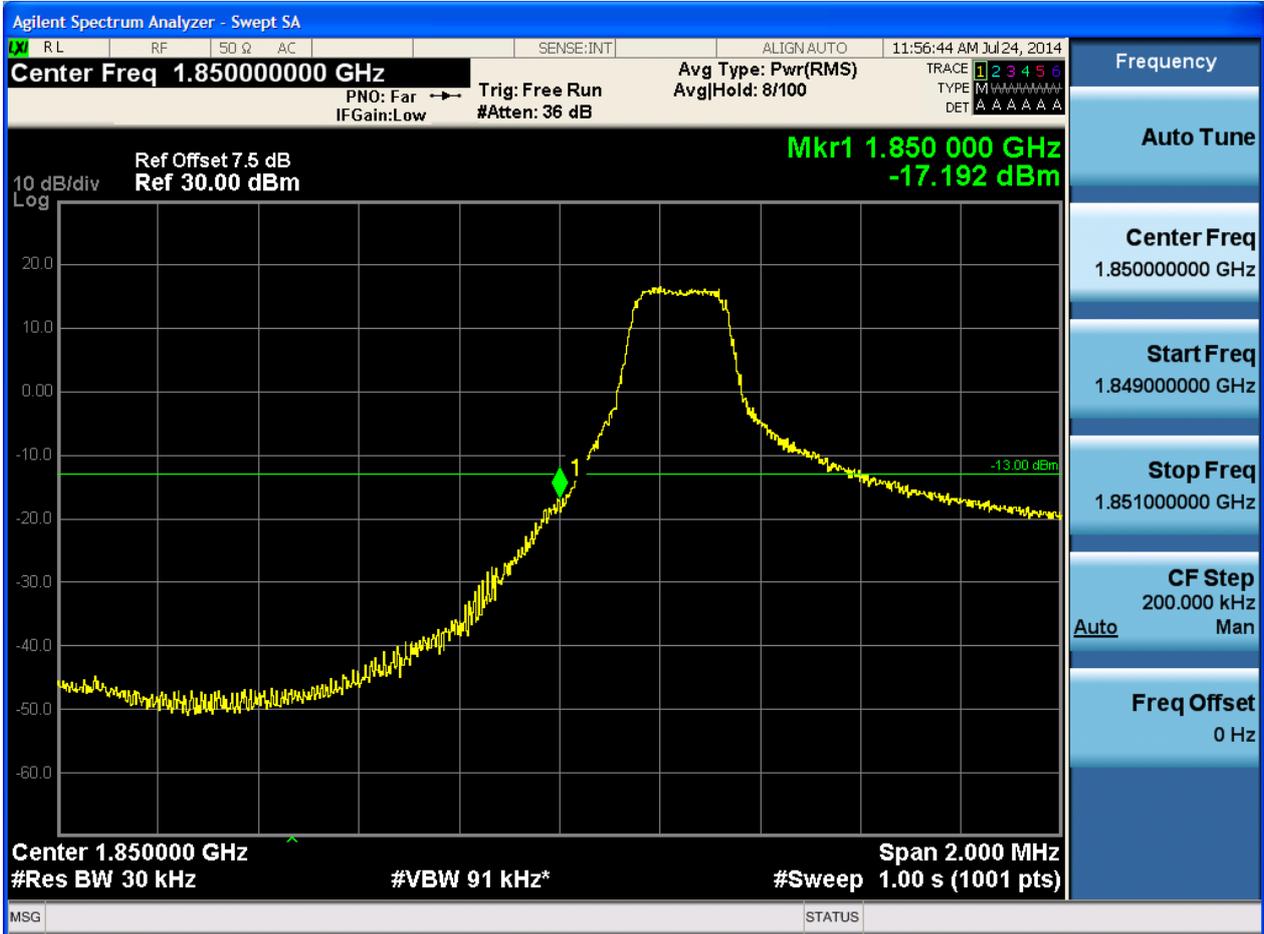




5.1.1.1.2 Test Bandwidth = 3

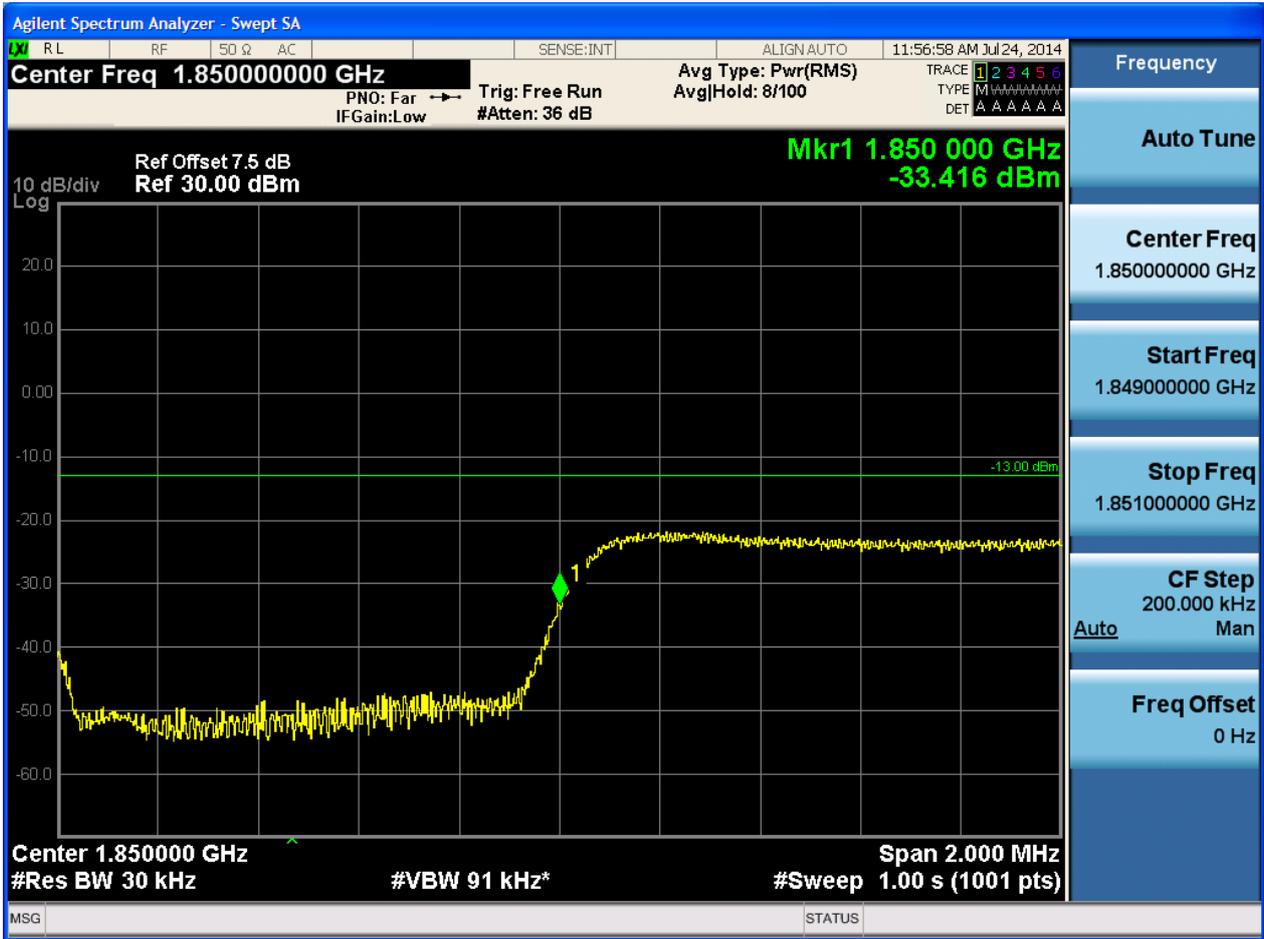
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4





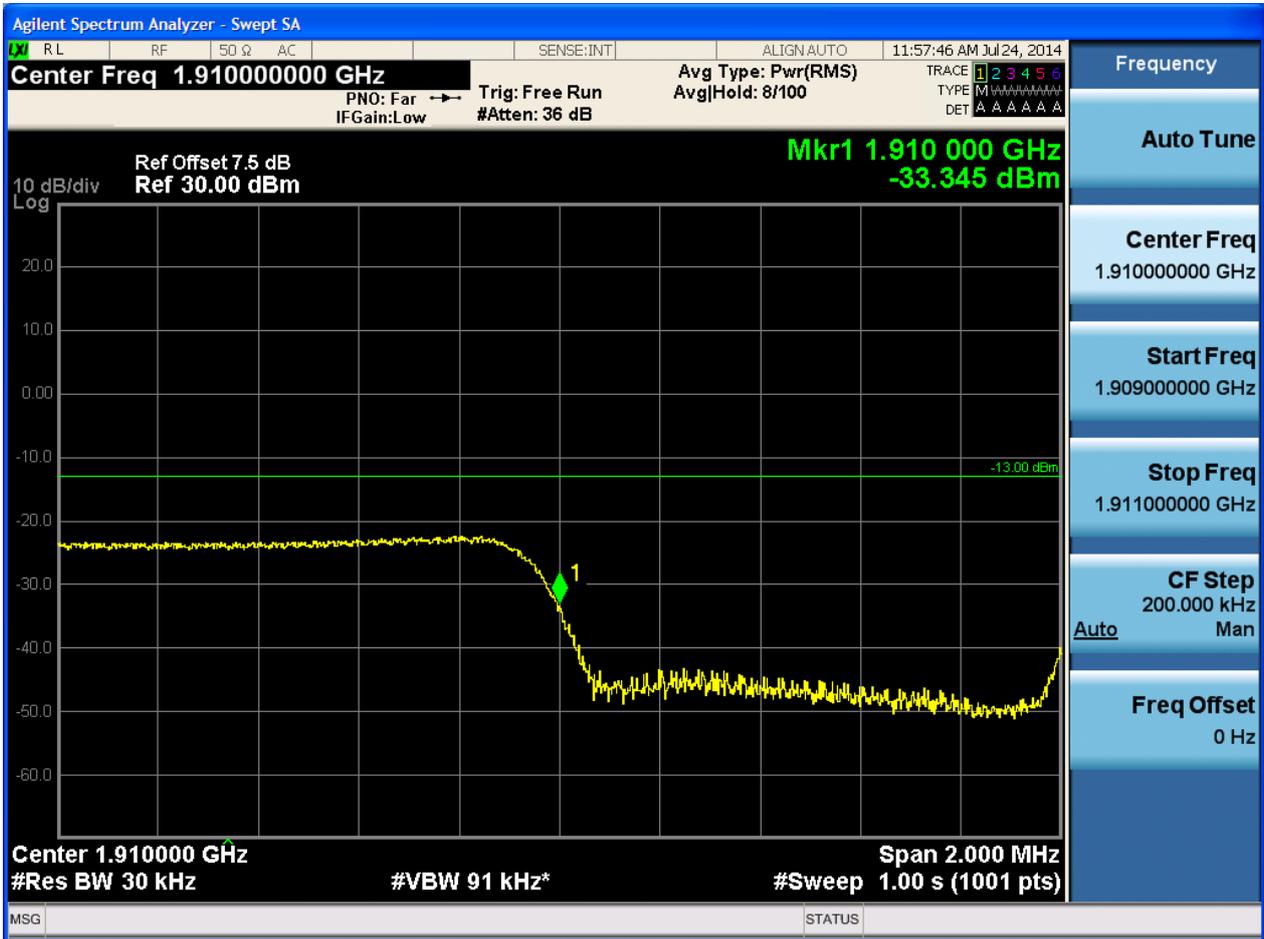
5.1.1.1.2.1.4 Test RB = RB15#0





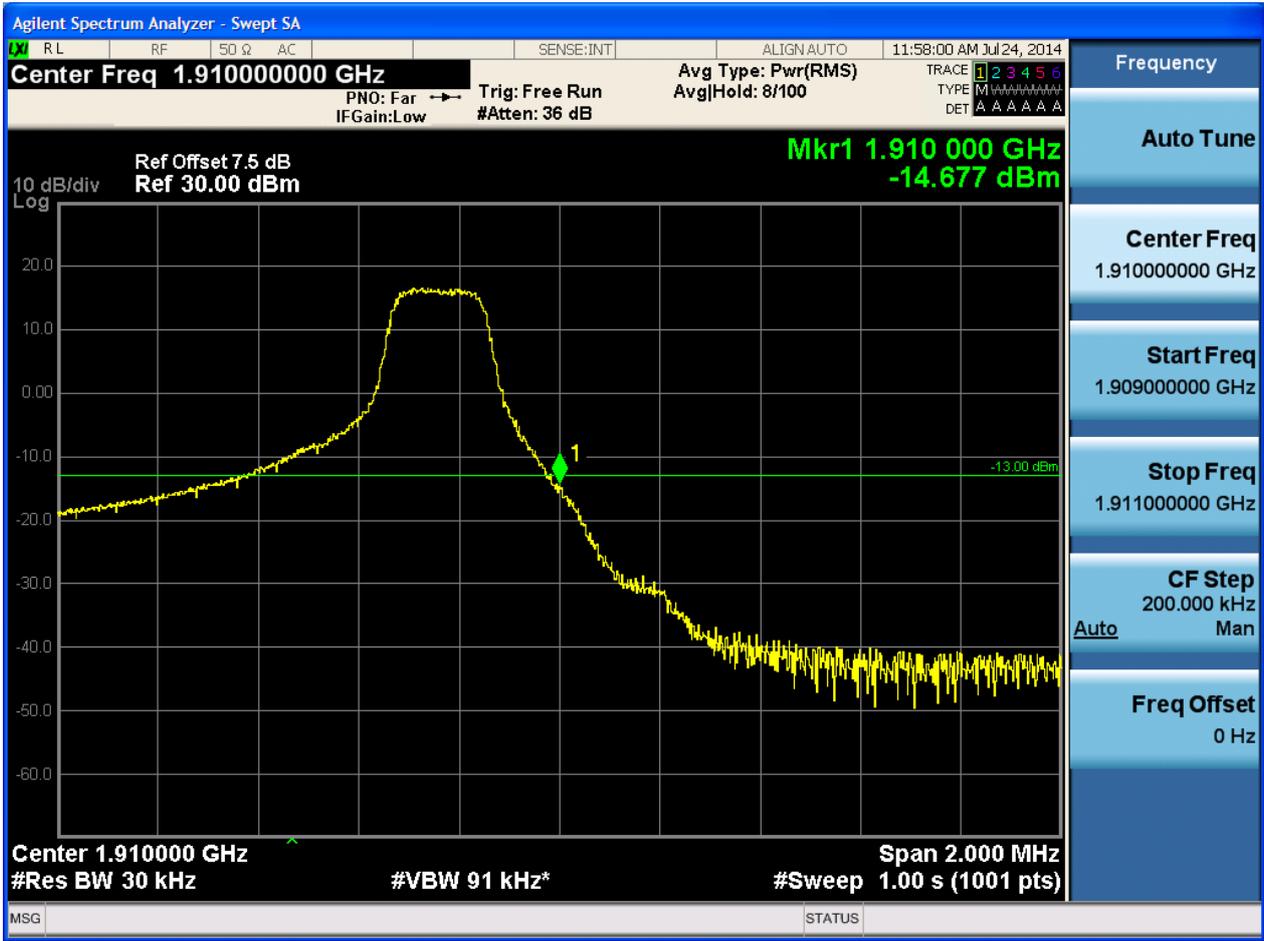
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



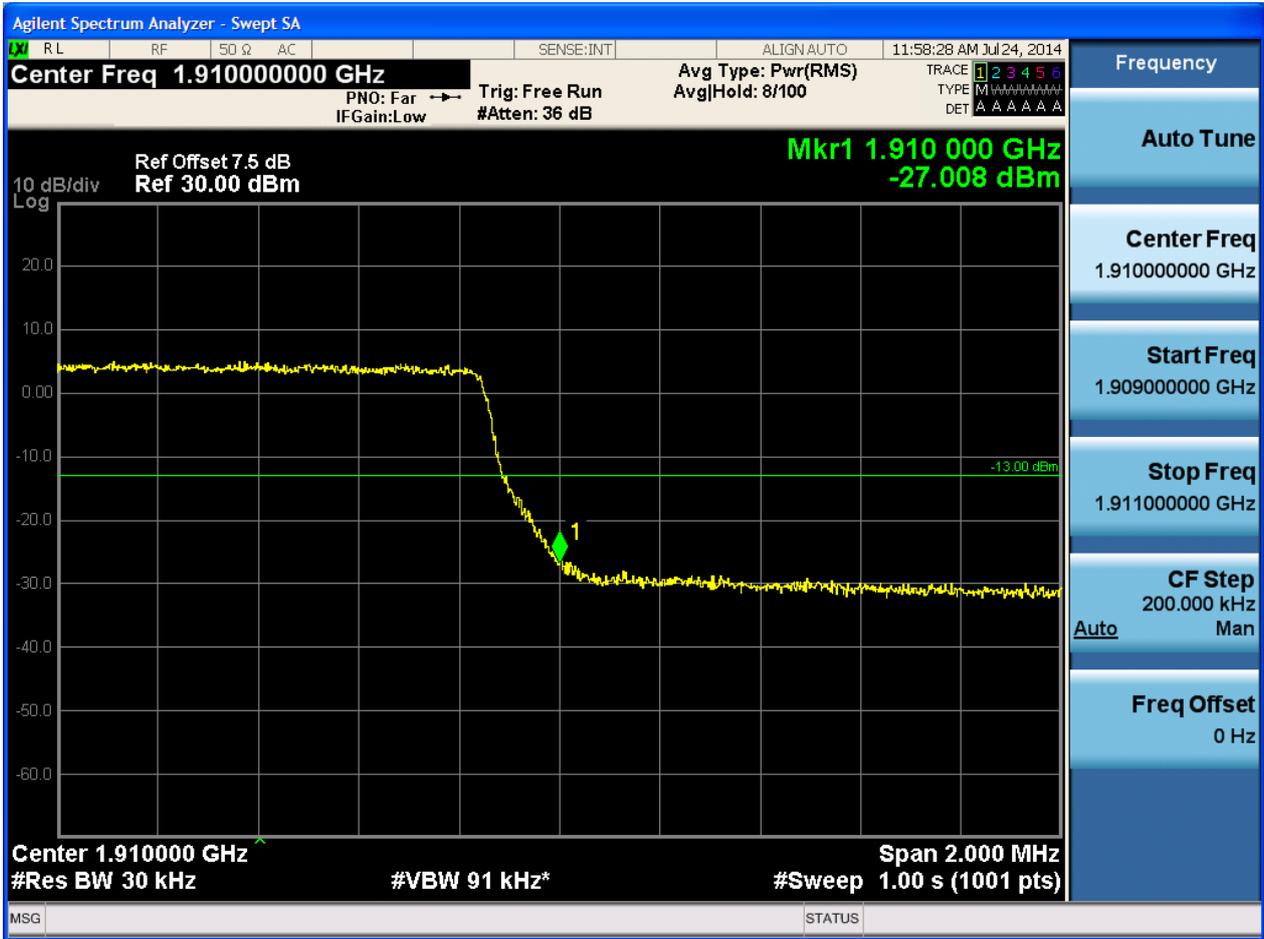


5.1.1.1.2.2.3 Test RB = RB#4





5.1.1.1.2.2.4 Test RB = RB15#0

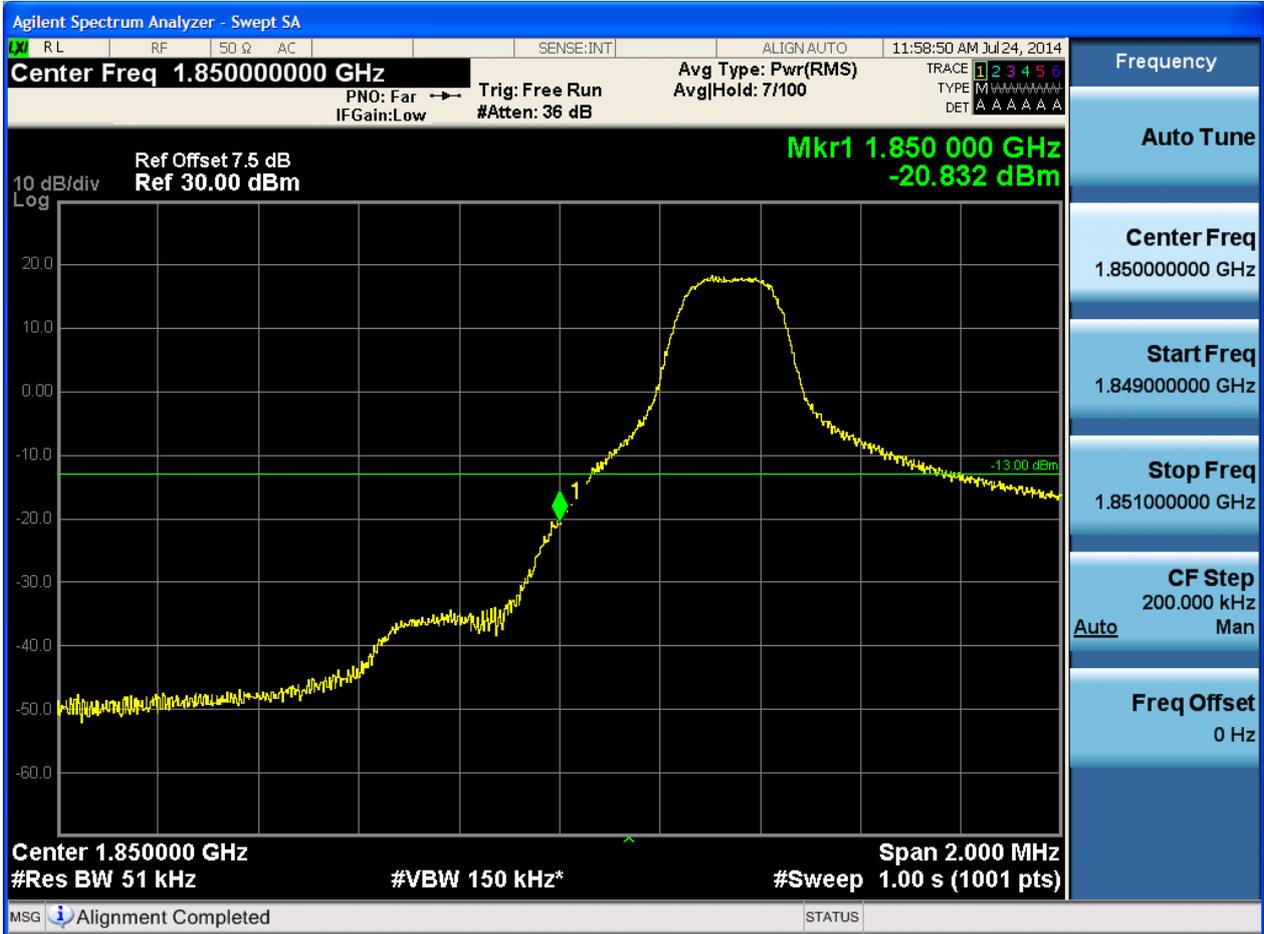




5.1.1.1.3 Test Bandwidth = 5

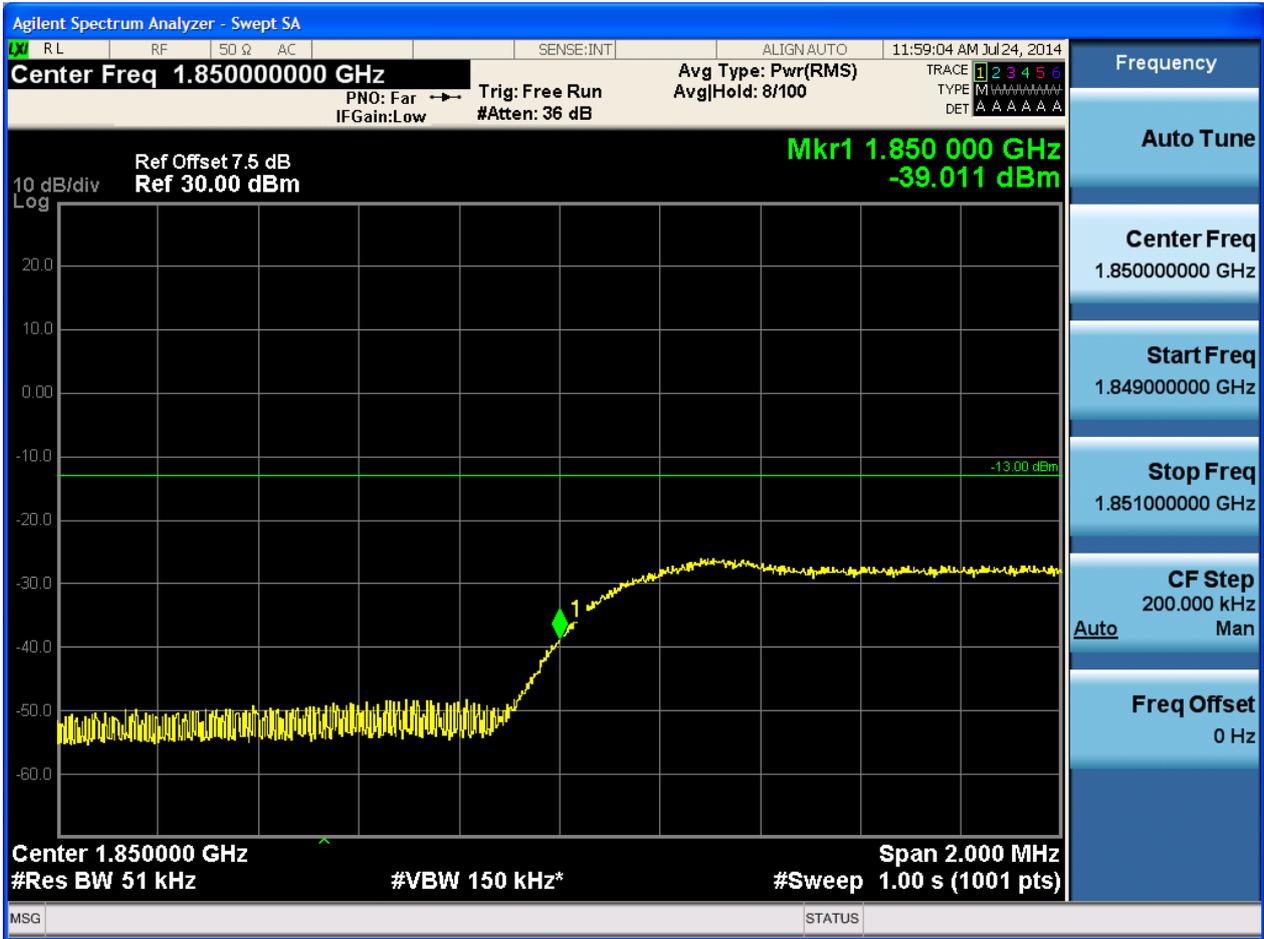
5.1.1.1.3.1 Test Channel = LCH

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





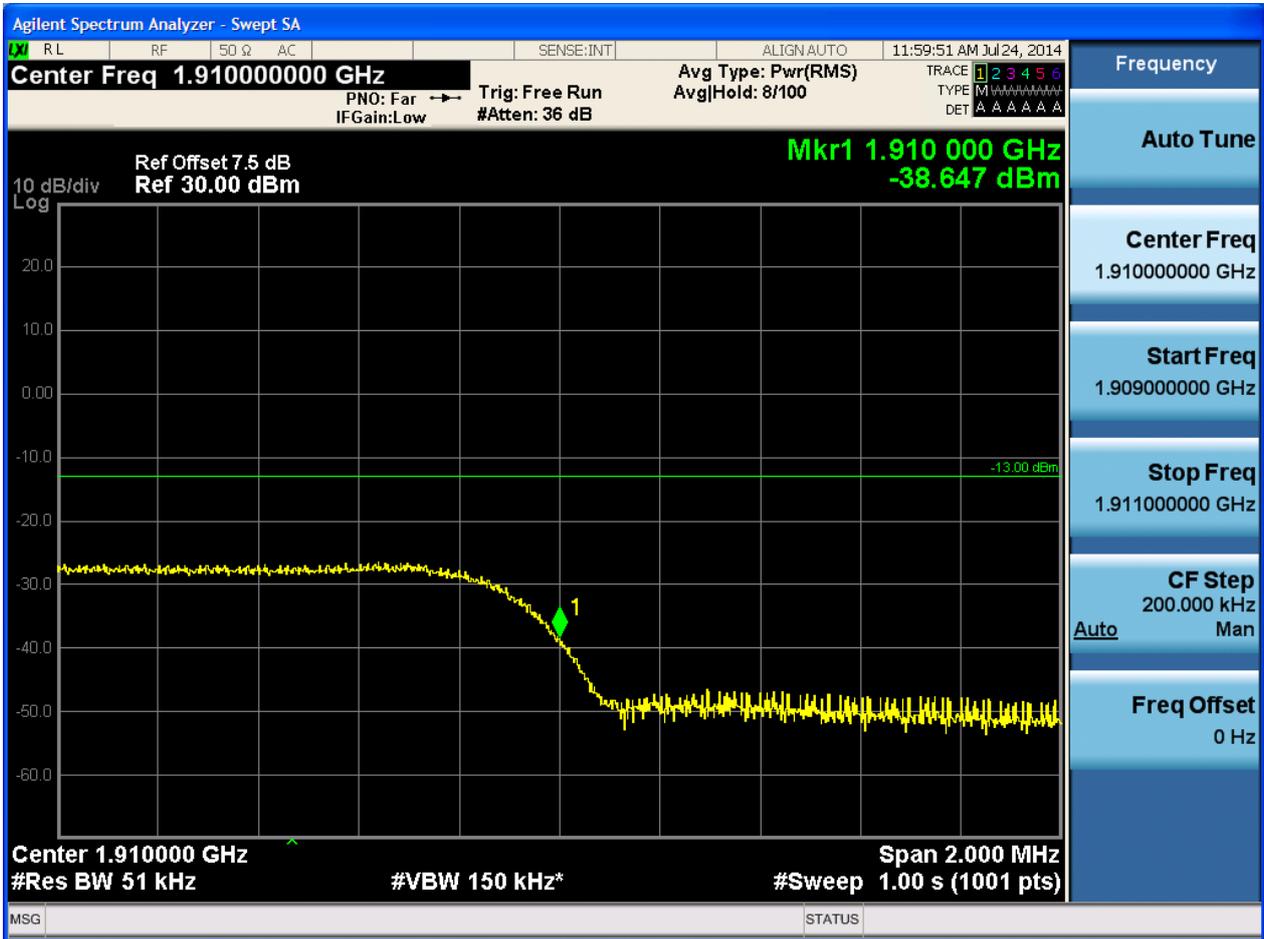
5.1.1.1.3.1.4 Test RB = RB25#0





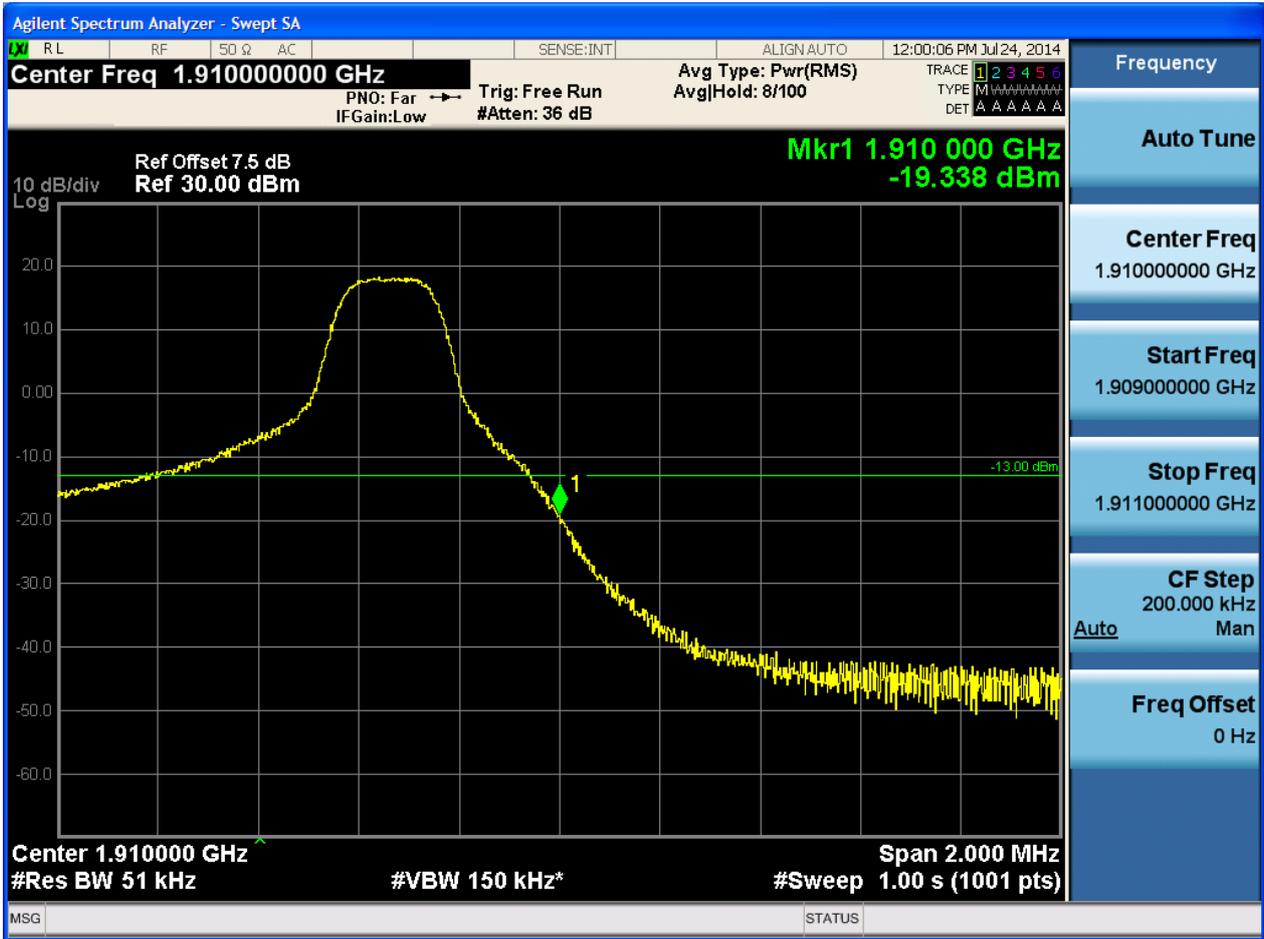
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



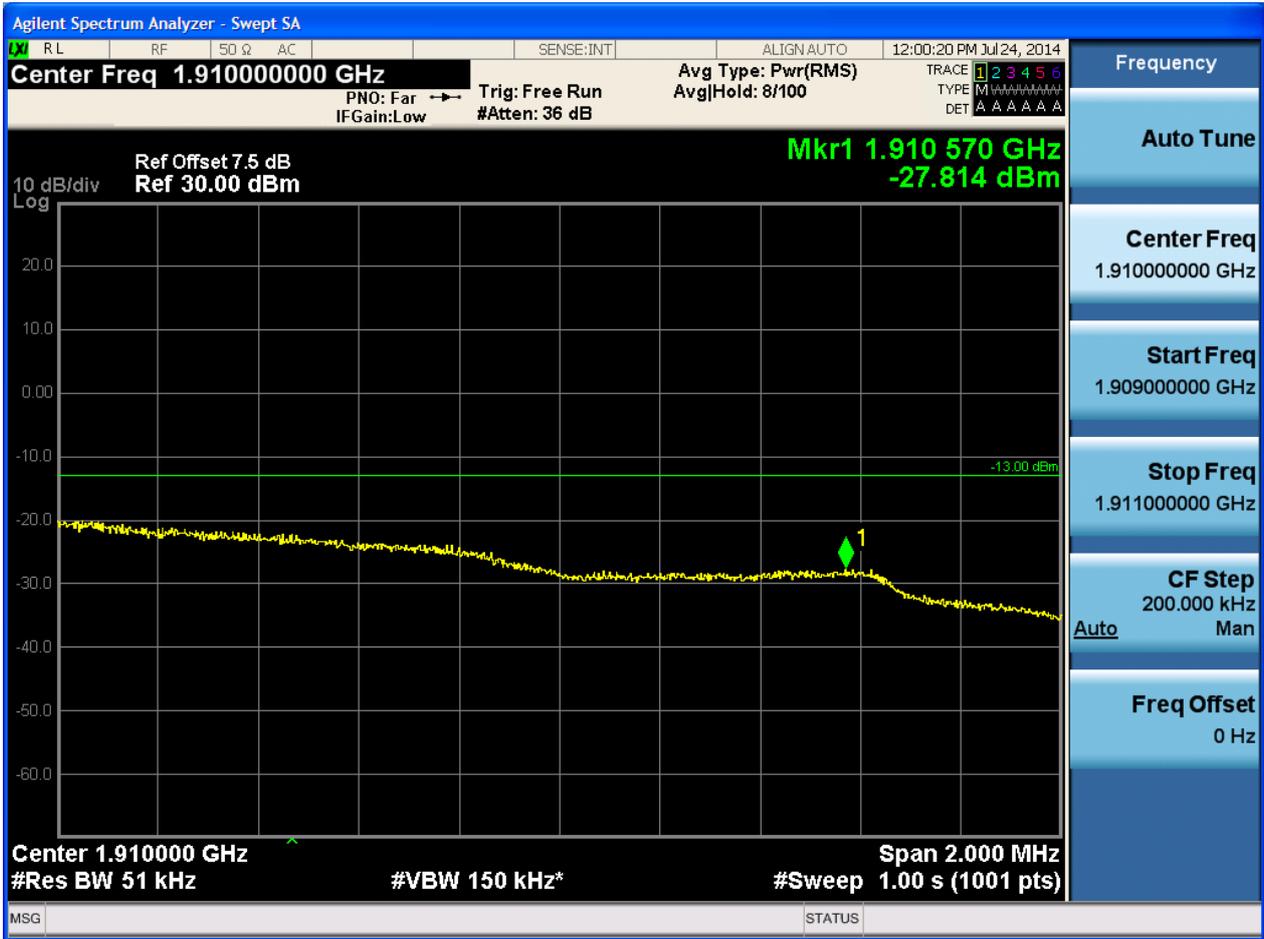


5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0

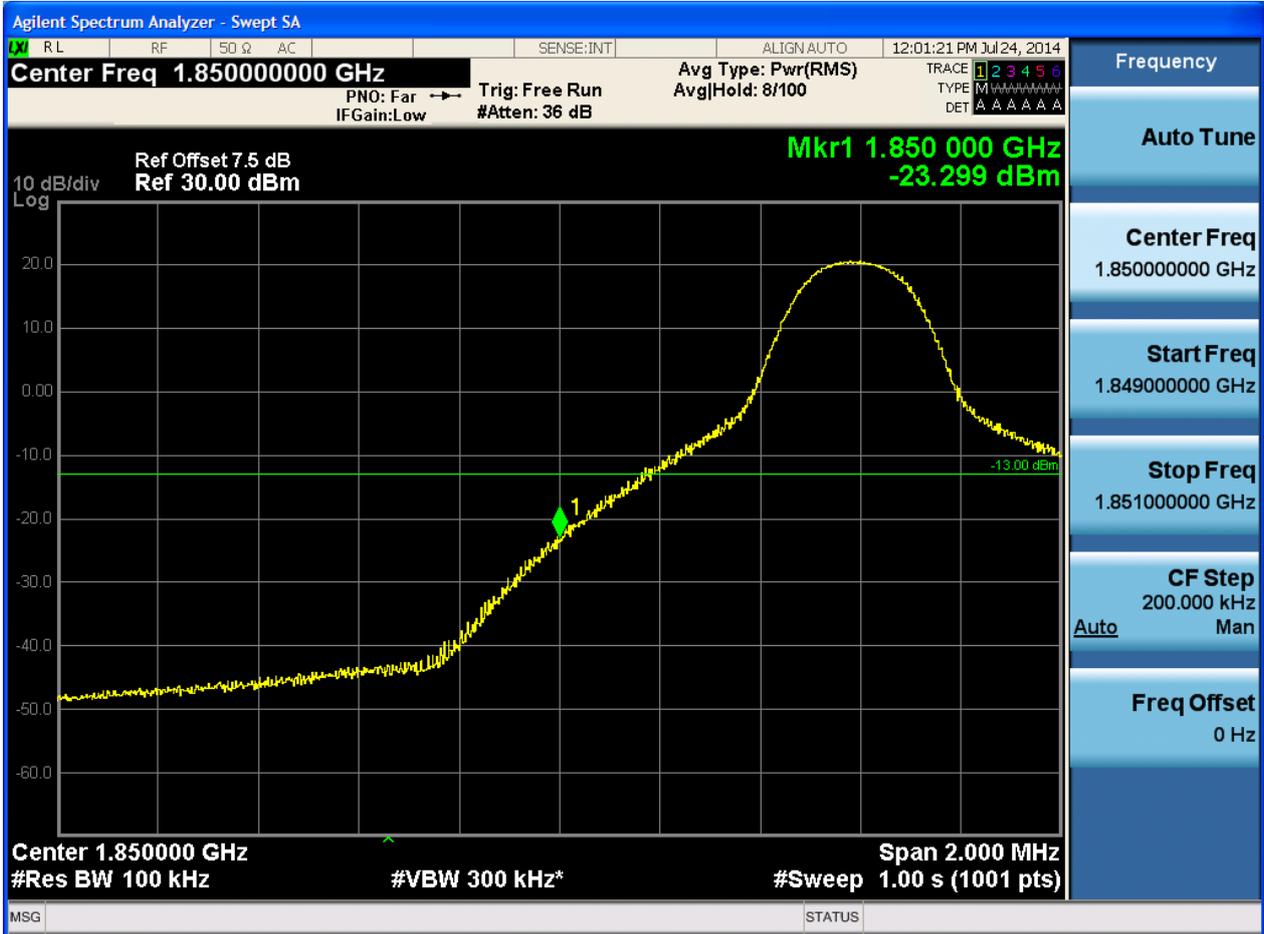




5.1.1.1.4 Test Bandwidth = 10

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

