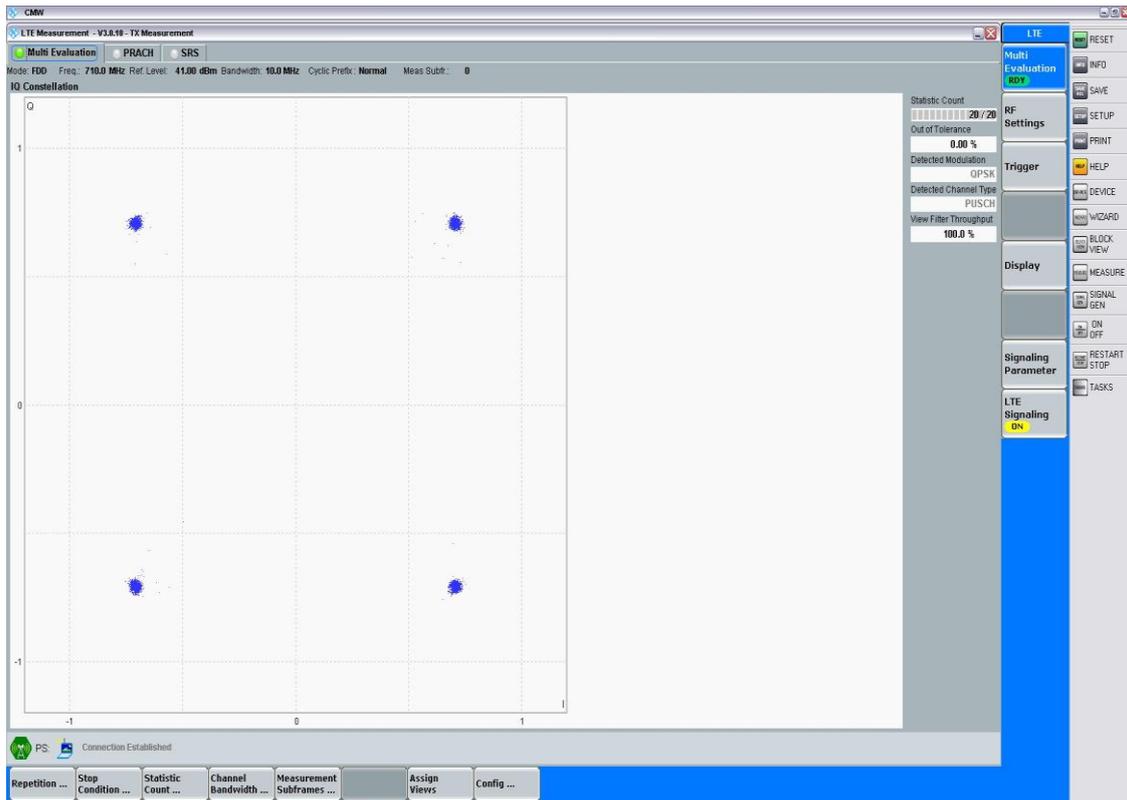


3.3.4.1.2 Test Bandwidth = 10

3.3.4.1.2.1 Test Channel = MCH

3.3.4.1.2.1.1 Test RB = RB50#0

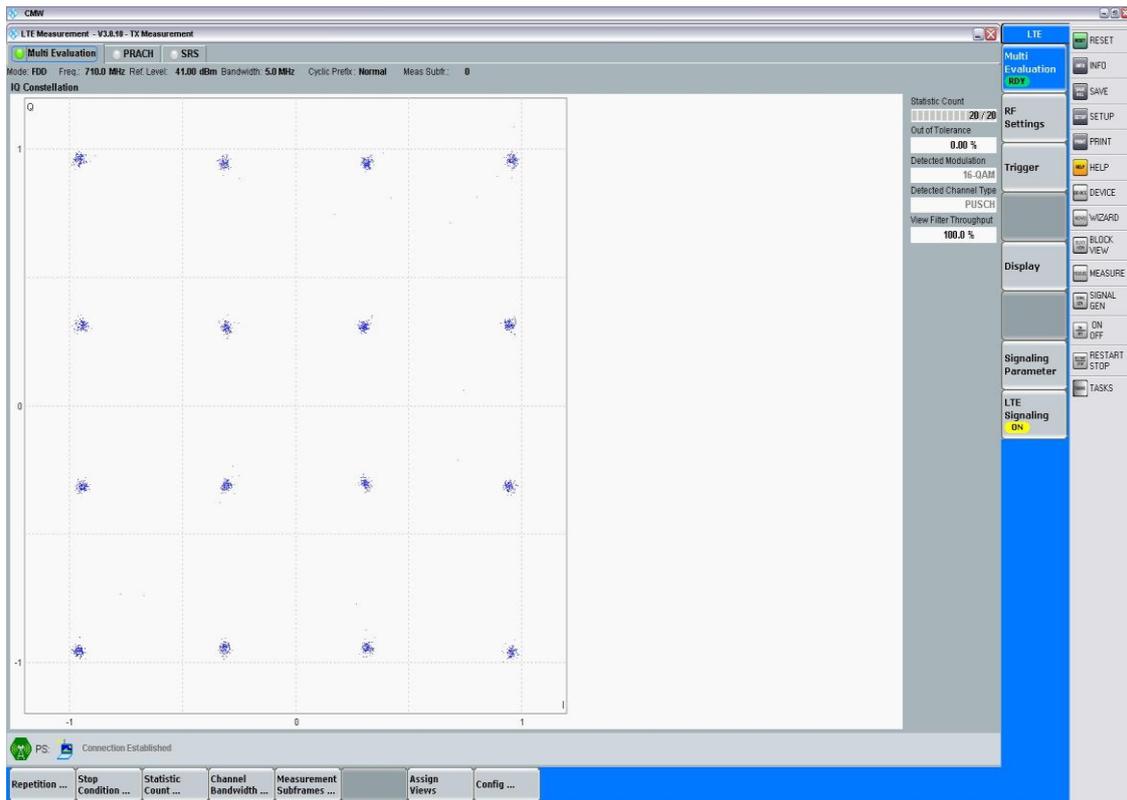


3.3.4.2 Test Mode = LTE/TM2

3.3.4.2.1 Test Bandwidth = 5

3.3.4.2.1.1 Test Channel = MCH

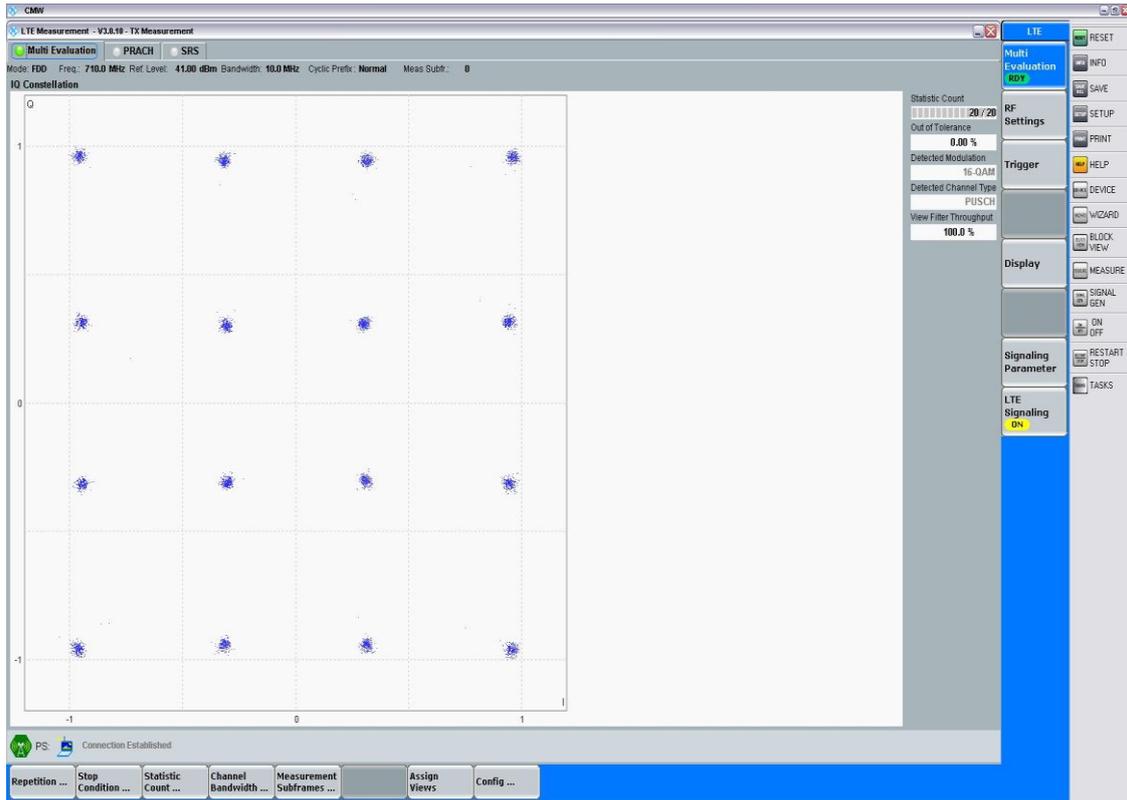
3.3.4.2.1.1.1 Test RB = RB25#0



3.3.4.2.2 Test Bandwidth = 10

3.3.4.2.2.1 Test Channel = MCH

3.3.4.2.2.1.1 Test RB = RB50#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [kHz]	Emission Bandwidth [kHz]	Verdict
GSM850	GSM/TM1	LCH	247.44	313.21	Pass
		MCH	244.70	316.55	Pass
		HCH	243.10	311.93	Pass
	GSM/TM2	LCH	252.67	316.15	Pass
		MCH	237.33	310.07	Pass
		HCH	244.00	314.92	Pass
GSM1900	GSM/TM1	LCH	244.91	316.53	Pass
		MCH	245.04	314.46	Pass
		HCH	242.70	316.94	Pass
	GSM/TM2	LCH	234.92	308.49	Pass
		MCH	239.81	309.42	Pass
		HCH	244.34	318.57	Pass
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA850	UMTS/TM1	LCH	4.15	4.66	Pass
		MCH	4.15	4.67	Pass
		HCH	4.17	4.67	Pass
WCDMA1900	UMTS/TM1	LCH	4.15	4.67	Pass
		MCH	4.16	4.66	Pass
		HCH	4.17	4.68	Pass



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	1.27	Pass
			MCH	RB6#0	1.09	1.28	Pass
			HCH	RB6#0	1.09	1.32	Pass
		3	LCH	RB15#0	2.70	2.96	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.50	4.92	Pass
			MCH	RB25#0	4.51	4.94	Pass
			HCH	RB25#0	4.51	4.91	Pass
		10	LCH	RB50#0	8.99	9.56	Pass
			MCH	RB50#0	8.99	9.58	Pass
			HCH	RB50#0	8.99	9.62	Pass
		15	LCH	RB75#0	13.45	14.27	Pass
			MCH	RB75#0	13.48	14.31	Pass
			HCH	RB75#0	13.47	14.29	Pass
		20	LCH	RB100#0	17.92	18.97	Pass
			MCH	RB100#0	17.97	19.02	Pass
			HCH	RB100#0	17.94	19.00	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.28	Pass
			MCH	RB6#0	1.09	1.29	Pass
			HCH	RB6#0	1.09	1.30	Pass
		3	LCH	RB15#0	2.70	2.99	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.70	3.00	Pass
		5	LCH	RB25#0	4.50	4.90	Pass
			MCH	RB25#0	4.50	4.91	Pass
			HCH	RB25#0	4.50	4.92	Pass
		10	LCH	RB50#0	8.97	9.58	Pass
			MCH	RB50#0	8.97	9.58	Pass
			HCH	RB50#0	8.98	9.60	Pass
15		LCH	RB75#0	13.45	14.33	Pass	
		MCH	RB75#0	13.47	14.33	Pass	
		HCH	RB75#0	13.48	14.40	Pass	
20		LCH	RB100#0	17.91	18.98	Pass	
		MCH	RB100#0	17.97	19.01	Pass	
		HCH	RB100#0	17.94	18.99	Pass	
BAND4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.28	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict		
		3	MCH	RB6#0	1.09	1.27	Pass		
			HCH	RB6#0	1.09	1.27	Pass		
			LCH	RB15#0	2.70	2.94	Pass		
			MCH	RB15#0	2.70	2.97	Pass		
			HCH	RB15#0	2.70	2.95	Pass		
			LCH	RB25#0	4.51	4.92	Pass		
		5	MCH	RB25#0	4.51	4.93	Pass		
			HCH	RB25#0	4.50	4.93	Pass		
			LCH	RB50#0	8.99	9.60	Pass		
		10	MCH	RB50#0	8.99	9.58	Pass		
			HCH	RB50#0	8.99	9.60	Pass		
			LCH	RB75#0	13.47	14.29	Pass		
		15	MCH	RB75#0	13.46	14.29	Pass		
			HCH	RB75#0	13.46	14.28	Pass		
			LCH	RB100#0	17.94	18.99	Pass		
		20	MCH	RB100#0	17.95	19.03	Pass		
			HCH	RB100#0	17.95	19.00	Pass		
			LCH	RB6#0	1.09	1.28	Pass		
		LTE/TM2		1.4	MCH	RB6#0	1.09	1.29	Pass
					HCH	RB6#0	1.09	1.28	Pass
					LCH	RB15#0	2.70	2.99	Pass
				3	MCH	RB15#0	2.70	2.98	Pass
					HCH	RB15#0	2.70	2.97	Pass
					LCH	RB25#0	4.51	4.94	Pass
				5	MCH	RB25#0	4.50	4.92	Pass
					HCH	RB25#0	4.50	4.94	Pass
					LCH	RB50#0	8.97	9.55	Pass
				10	MCH	RB50#0	8.98	9.56	Pass
					HCH	RB50#0	8.97	9.59	Pass
					LCH	RB75#0	13.45	14.32	Pass
				15	MCH	RB75#0	13.46	14.41	Pass
					HCH	RB75#0	13.45	14.34	Pass
					LCH	RB100#0	17.95	18.99	Pass
				20	MCH	RB100#0	17.95	19.02	Pass
					HCH	RB100#0	17.94	18.99	Pass
					LCH	RB6#0	1.09	1.27	Pass
BAND5	LTE/TM1			1.4	MCH	RB6#0	1.09	1.27	Pass
					HCH	RB6#0	1.09	1.27	Pass
					LCH	RB15#0	2.70	2.94	Pass
				3	LCH	RB15#0	2.70	2.94	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict	
		5	MCH	RB15#0	2.70	2.94	Pass	
			HCH	RB15#0	2.70	2.96	Pass	
			LCH	RB25#0	4.50	4.95	Pass	
		10	MCH	RB25#0	4.50	4.90	Pass	
			HCH	RB25#0	4.51	4.95	Pass	
			LCH	RB50#0	8.99	9.58	Pass	
		LTE/TM2	1.4	LCH	RB6#0	1.09	1.28	Pass
				MCH	RB6#0	1.09	1.28	Pass
				HCH	RB6#0	1.09	1.27	Pass
	3		LCH	RB15#0	2.70	2.95	Pass	
			MCH	RB15#0	2.70	2.97	Pass	
			HCH	RB15#0	2.70	2.99	Pass	
	5		LCH	RB25#0	4.49	4.93	Pass	
			MCH	RB25#0	4.50	4.90	Pass	
			HCH	RB25#0	4.50	4.94	Pass	
	10		LCH	RB50#0	8.96	9.59	Pass	
			MCH	RB50#0	8.96	9.54	Pass	
			HCH	RB50#0	8.98	9.57	Pass	
	BAND17	LTE/TM1	5	LCH	RB25#0	4.51	4.93	Pass
				MCH	RB25#0	4.52	4.96	Pass
				HCH	RB25#0	4.51	4.95	Pass
10			LCH	RB50#0	9.00	9.62	Pass	
			MCH	RB50#0	9.00	9.61	Pass	
			HCH	RB50#0	9.00	9.59	Pass	
LTE/TM2		5	LCH	RB25#0	4.51	4.93	Pass	
			MCH	RB25#0	4.51	4.93	Pass	
			HCH	RB25#0	4.51	4.94	Pass	
		10	LCH	RB50#0	8.98	9.57	Pass	
			MCH	RB50#0	8.98	9.61	Pass	
			HCH	RB50#0	8.98	9.58	Pass	



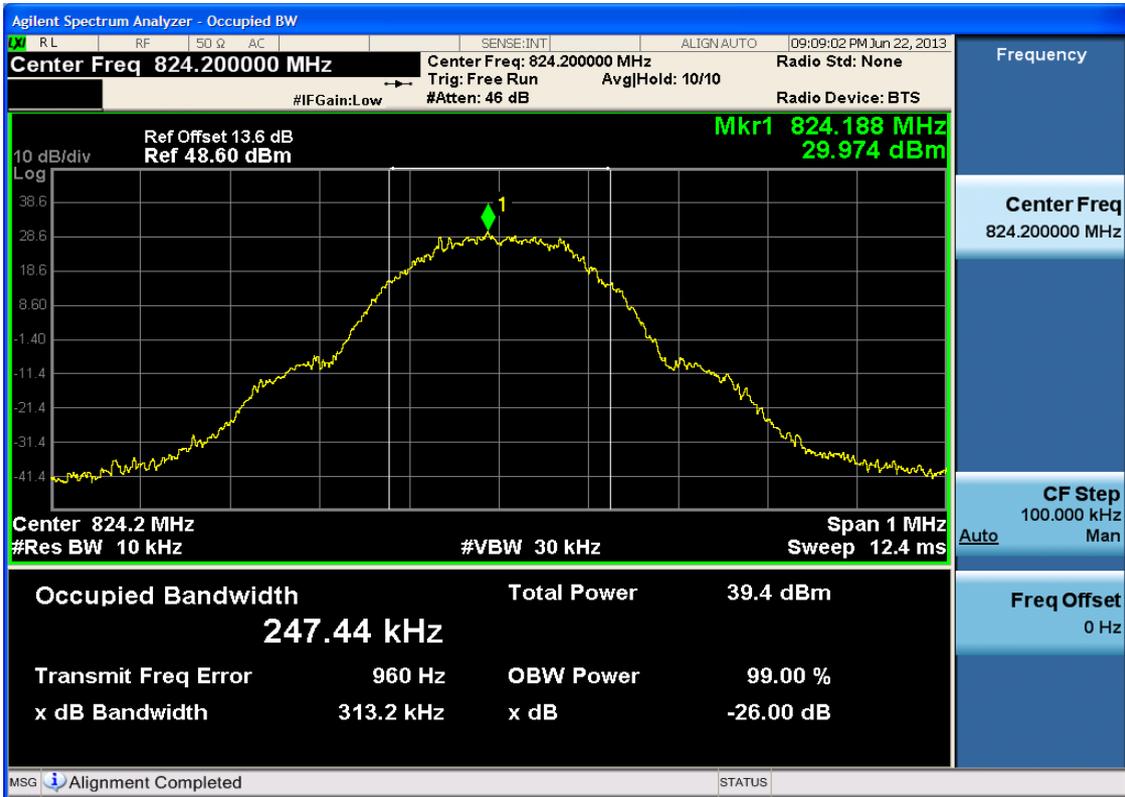
Part II - Test Plots

4.1 For GSM

4.1.1 Test Band = GSM850

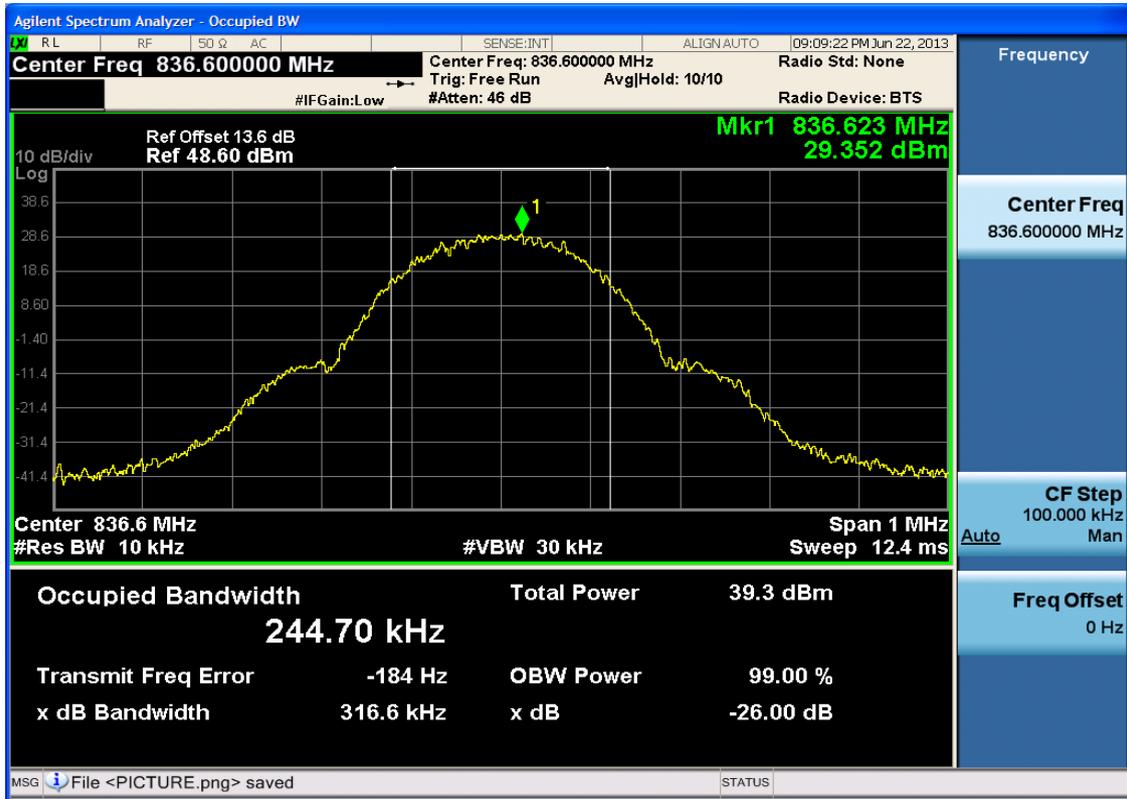
4.1.1.1 Test Mode = GSM/TM1

4.1.1.1.1 Test Channel = LCH



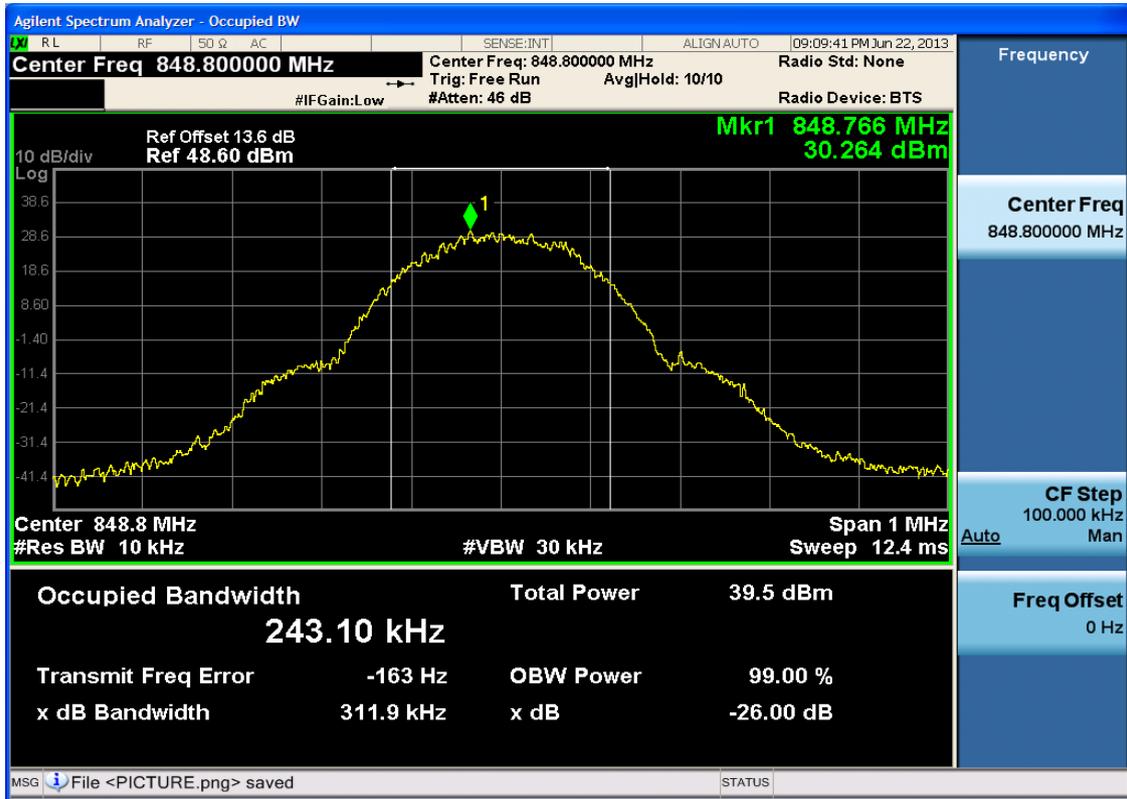


4.1.1.1.2 Test Channel = MCH





4.1.1.1.3 Test Channel = HCH





4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH





4.1.1.2.2 Test Channel = MCH





4.1.1.2.3 Test Channel = HCH

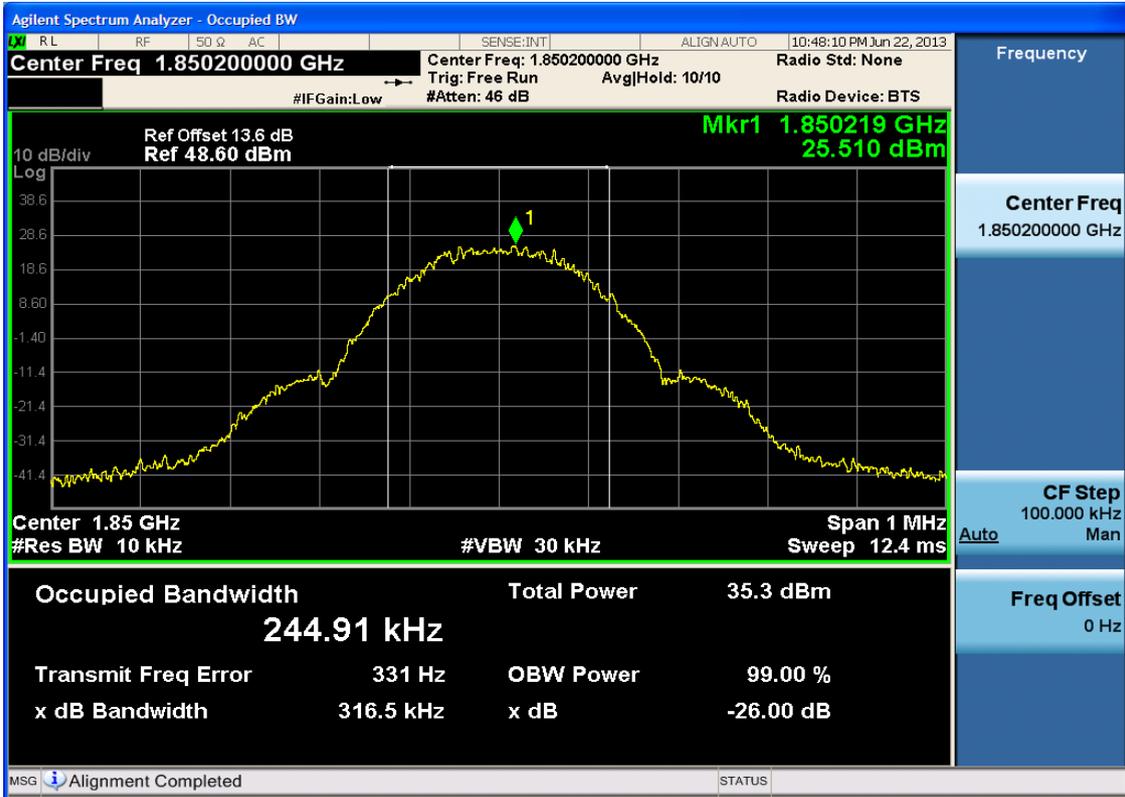




4.1.2 Test Band = GSM1900

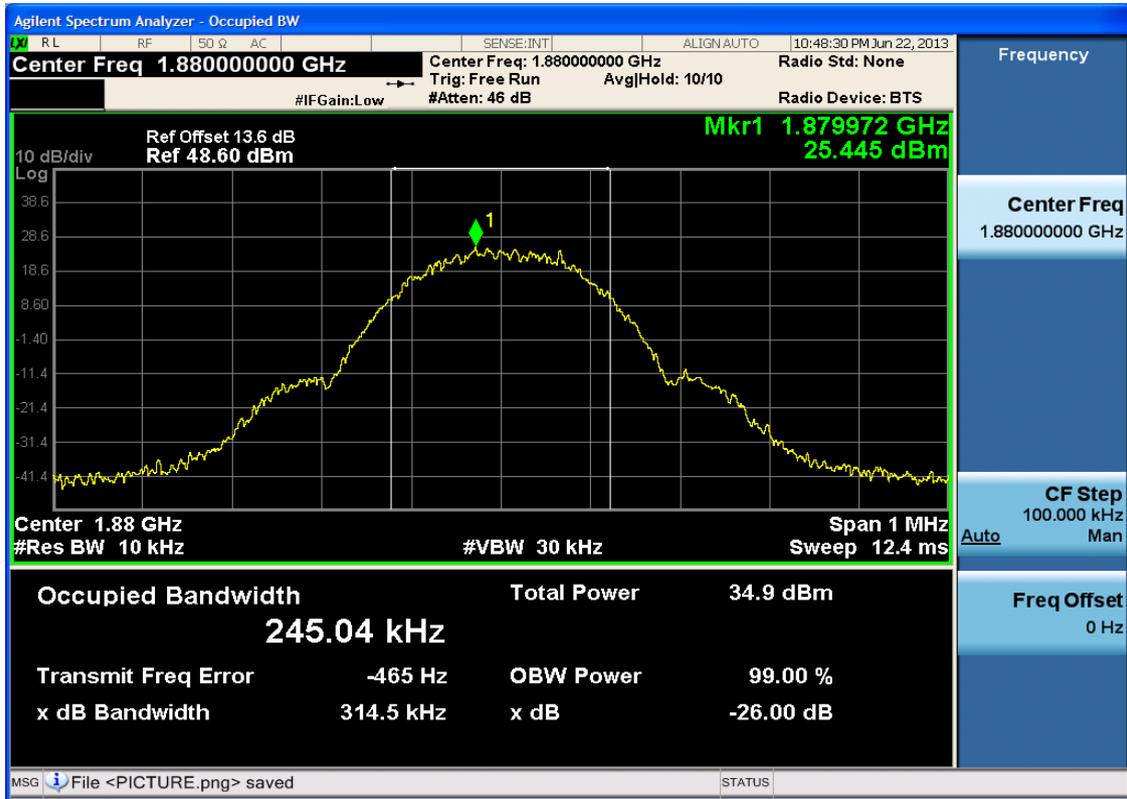
4.1.2.1 Test Mode = GSM/TM1

4.1.2.1.1 Test Channel = LCH



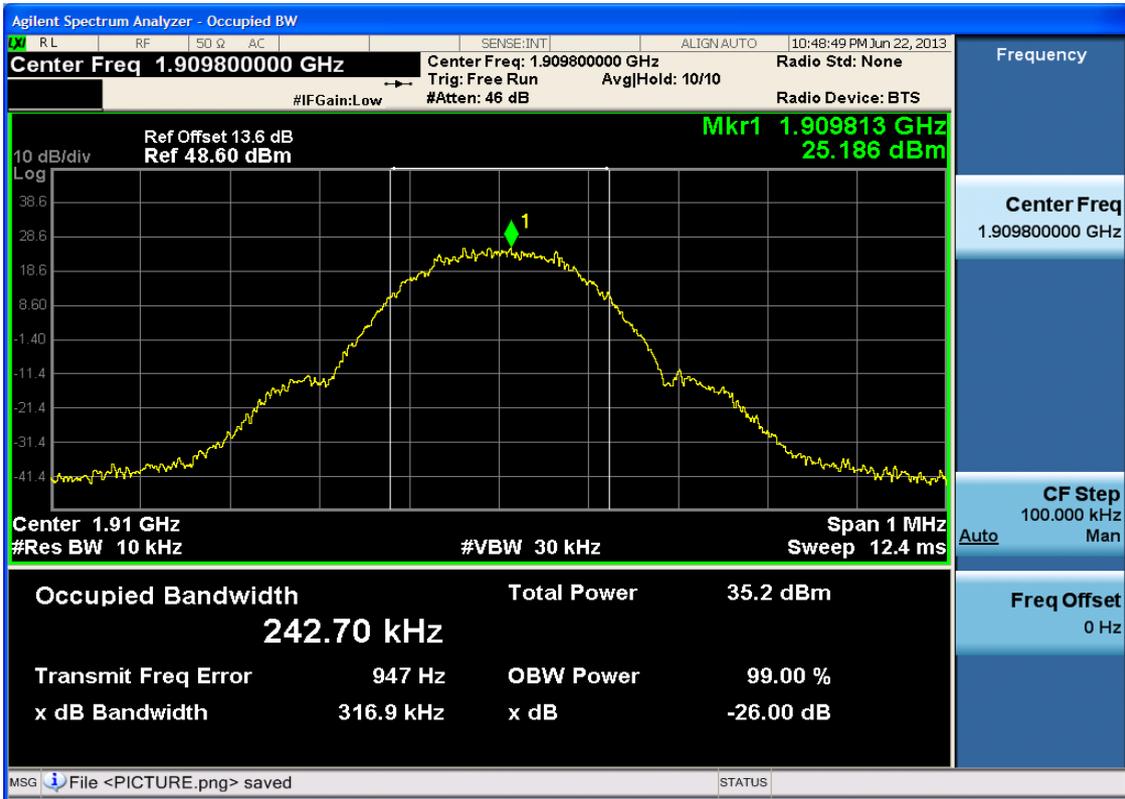


4.1.2.1.2 Test Channel = MCH





4.1.2.1.3 Test Channel = HCH





4.1.2.2 Test Mode = GSM/TM2

4.1.2.2.1 Test Channel = LCH





4.1.2.2.2 Test Channel = MCH





4.1.2.2.3 Test Channel = HCH

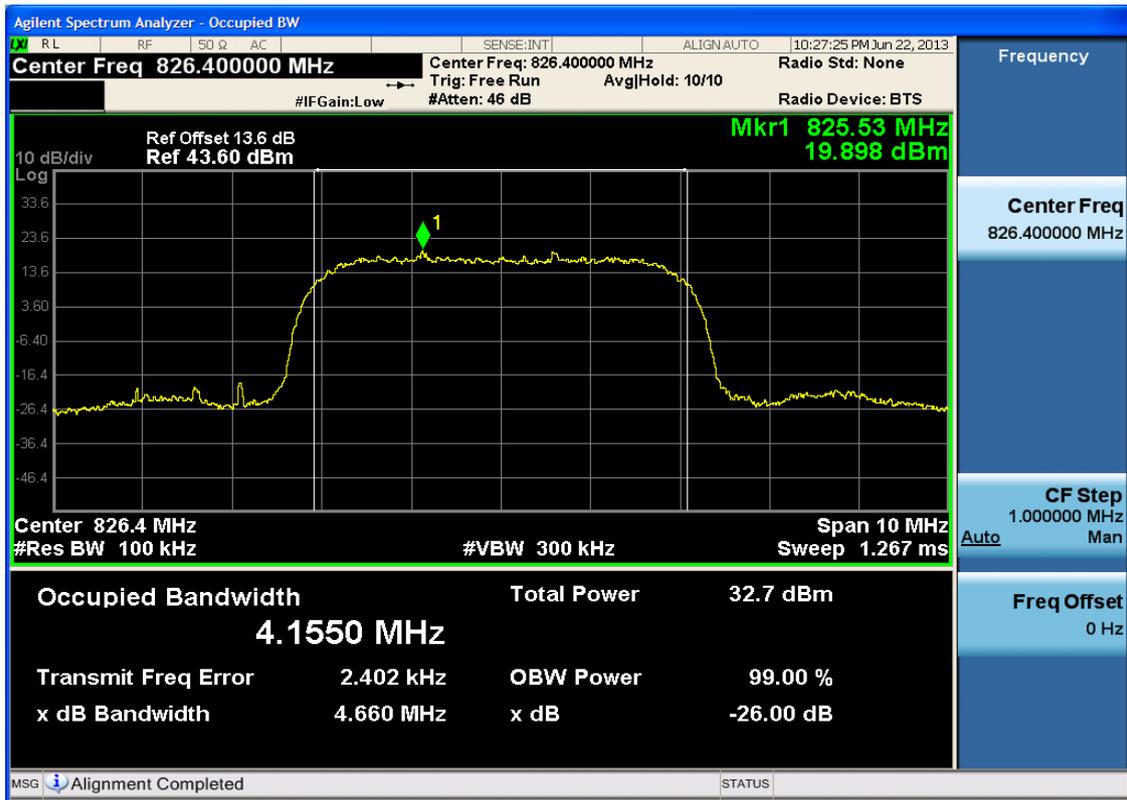


4.2 For UMTS

4.2.1 Test Band = WCDMA850

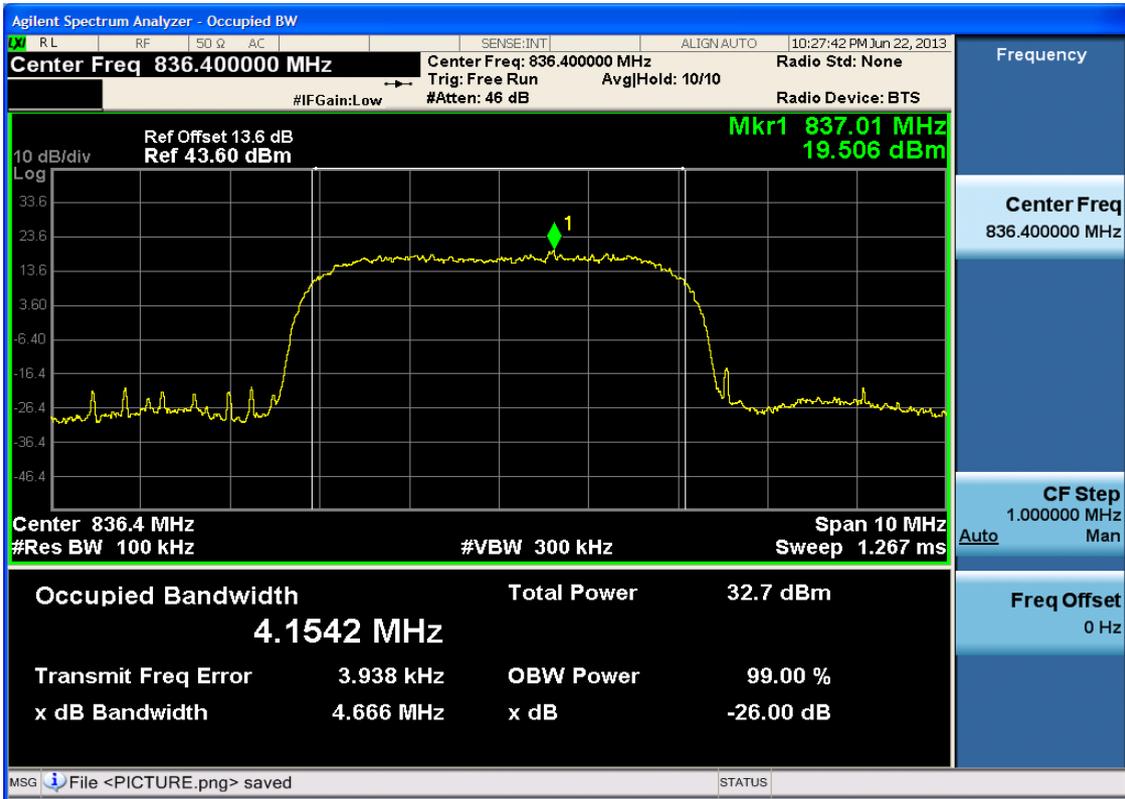
4.2.1.1 Test Mode = UMTS/TM1

4.2.1.1.1 Test Channel = LCH



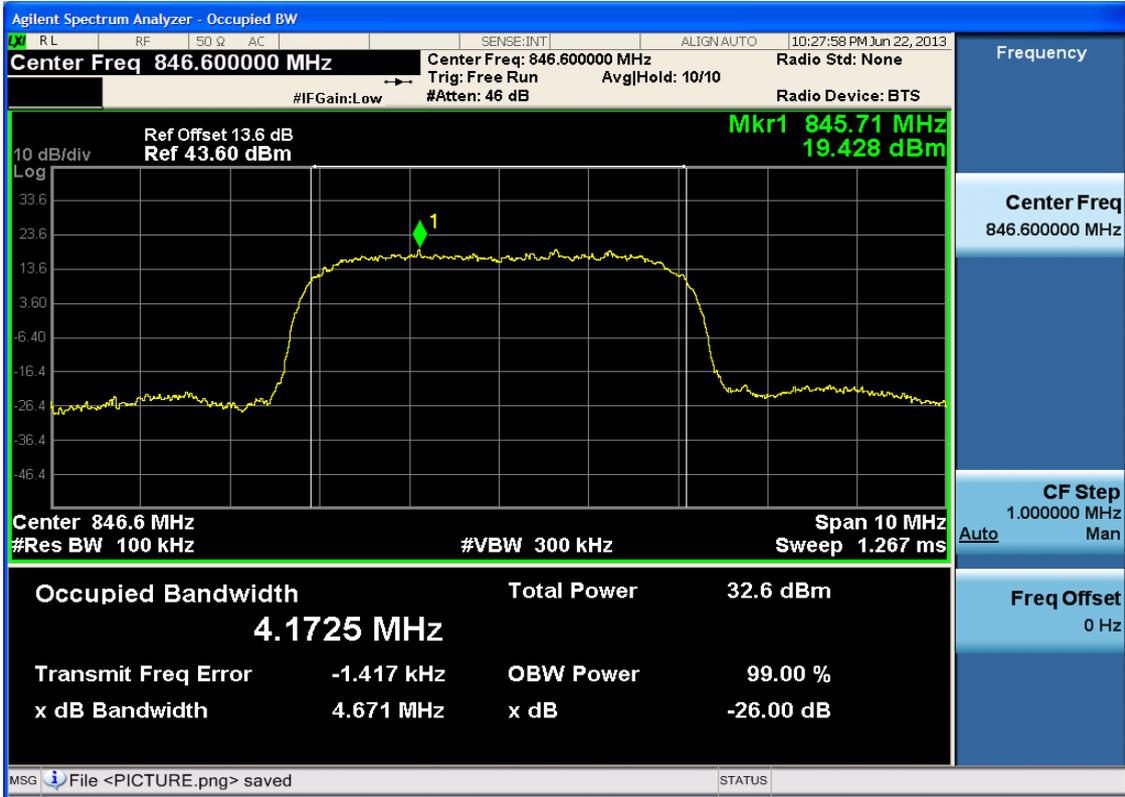


4.2.1.1.2 Test Channel = MCH





4.2.1.1.3 Test Channel = HCH

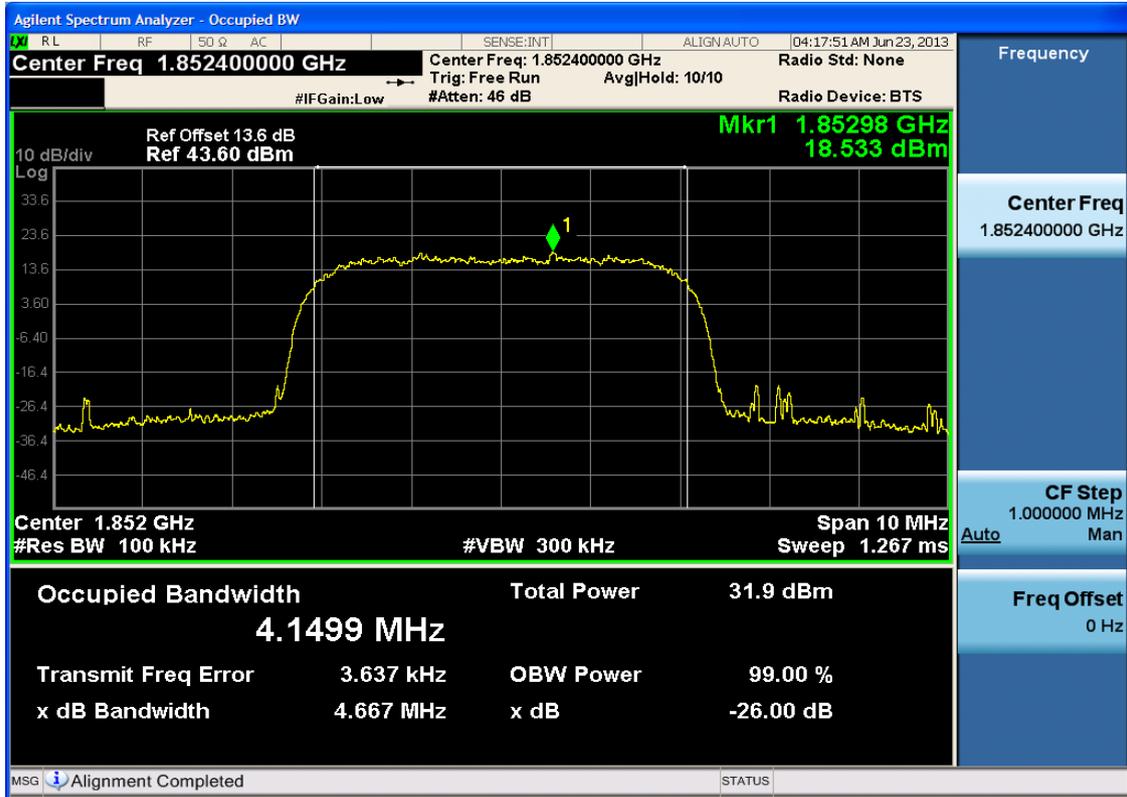




4.2.2 Test Band = WCDMA1900

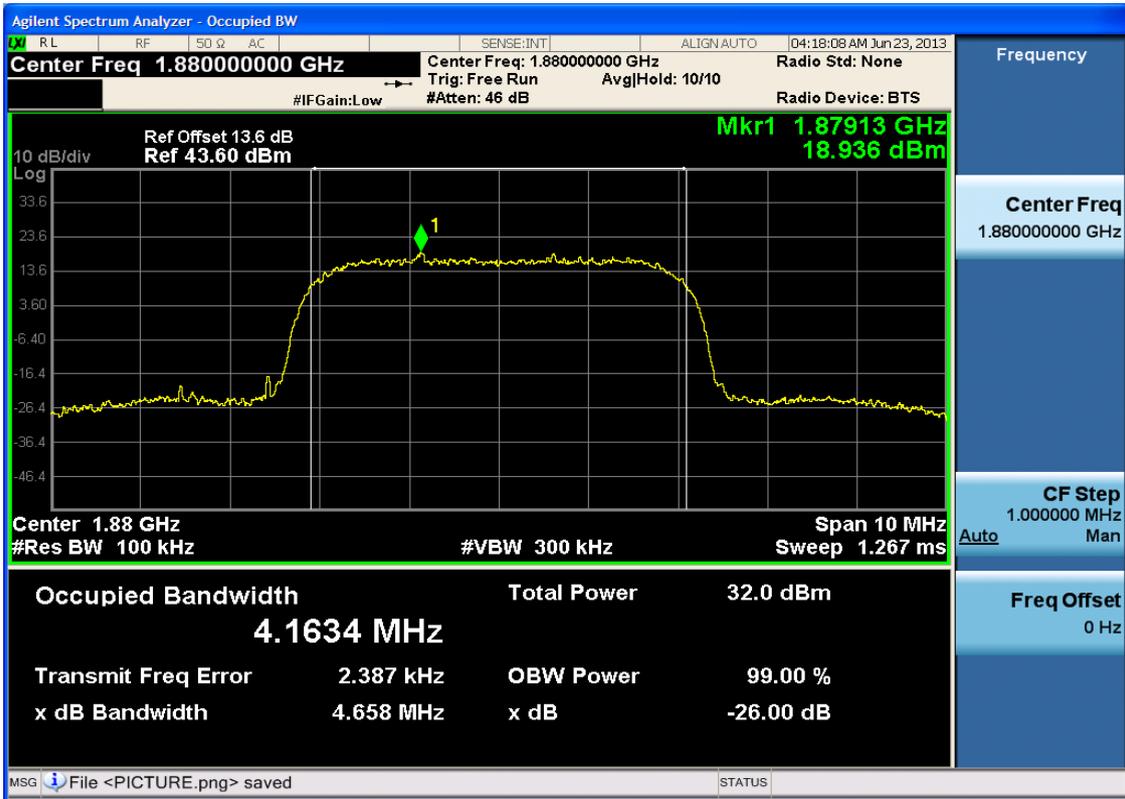
4.2.2.1 Test Mode = UMTS/TM1

4.2.2.1.1 Test Channel = LCH



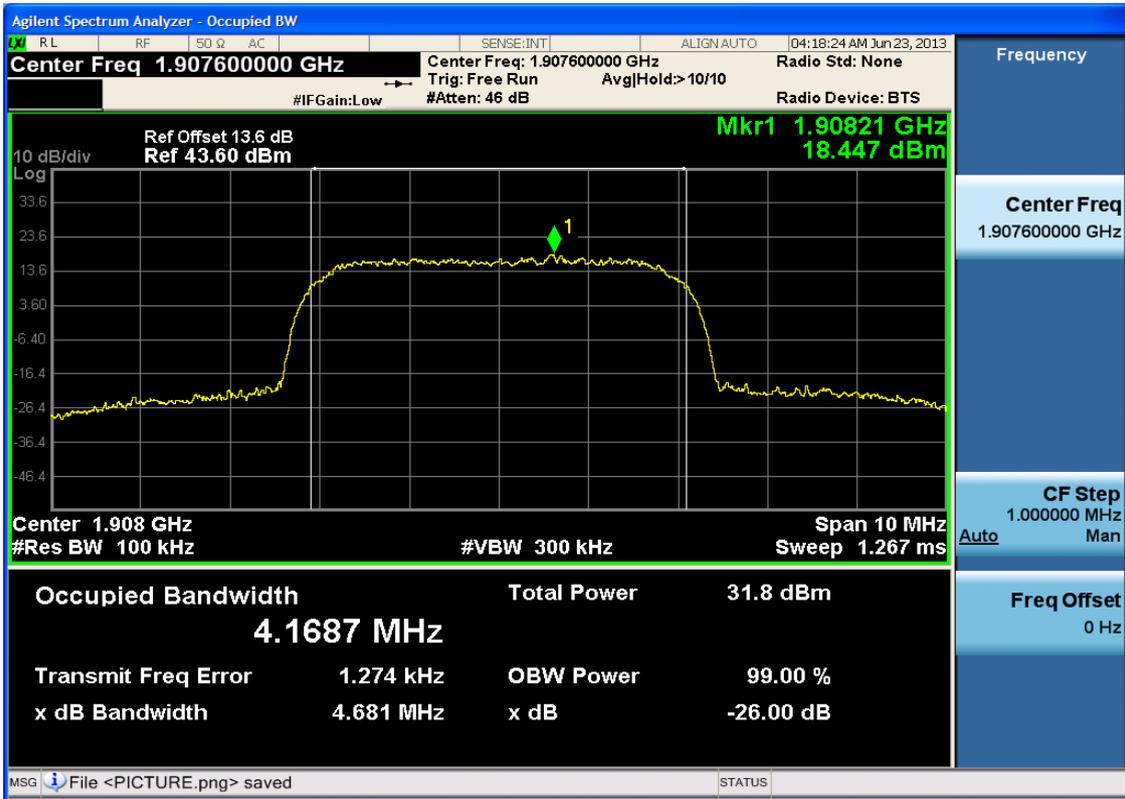


4.2.2.1.2 Test Channel = MCH





4.2.2.1.3 Test Channel = HCH





4.3 For LTE

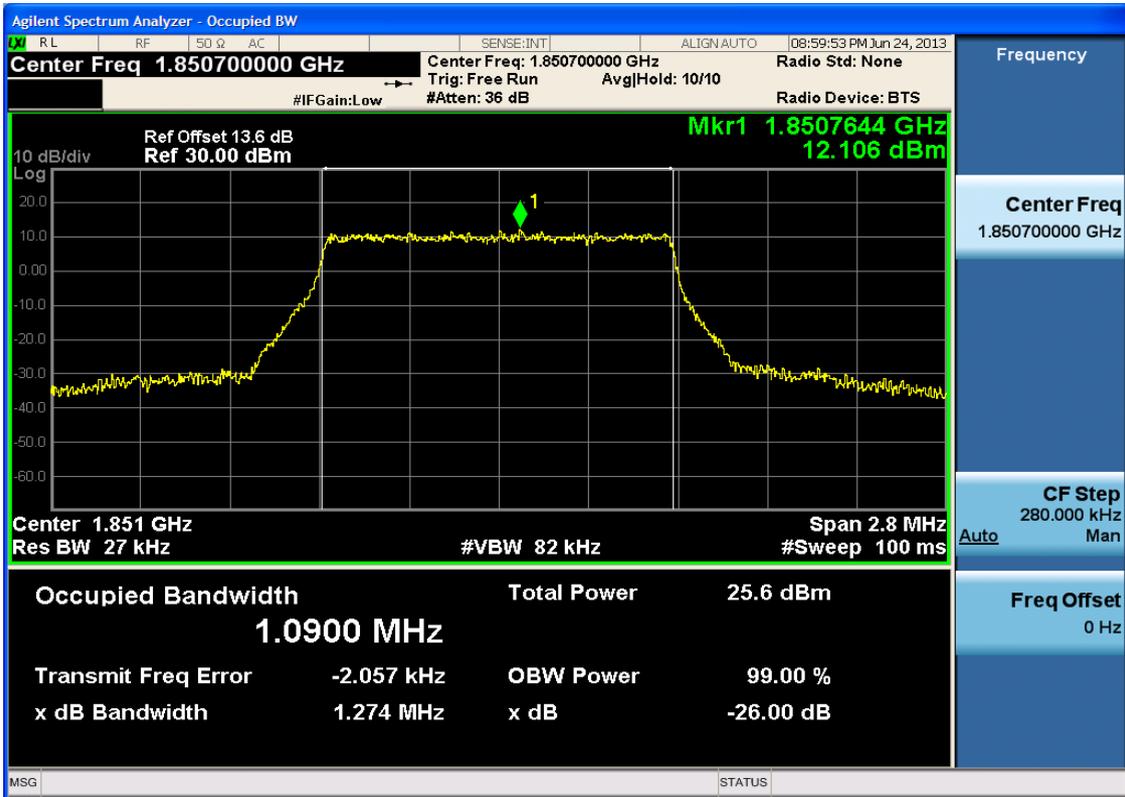
4.3.1 Test Band = BAND2

4.3.1.1 Test Mode = LTE/TM1

4.3.1.1.1 Test Bandwidth = 1.4

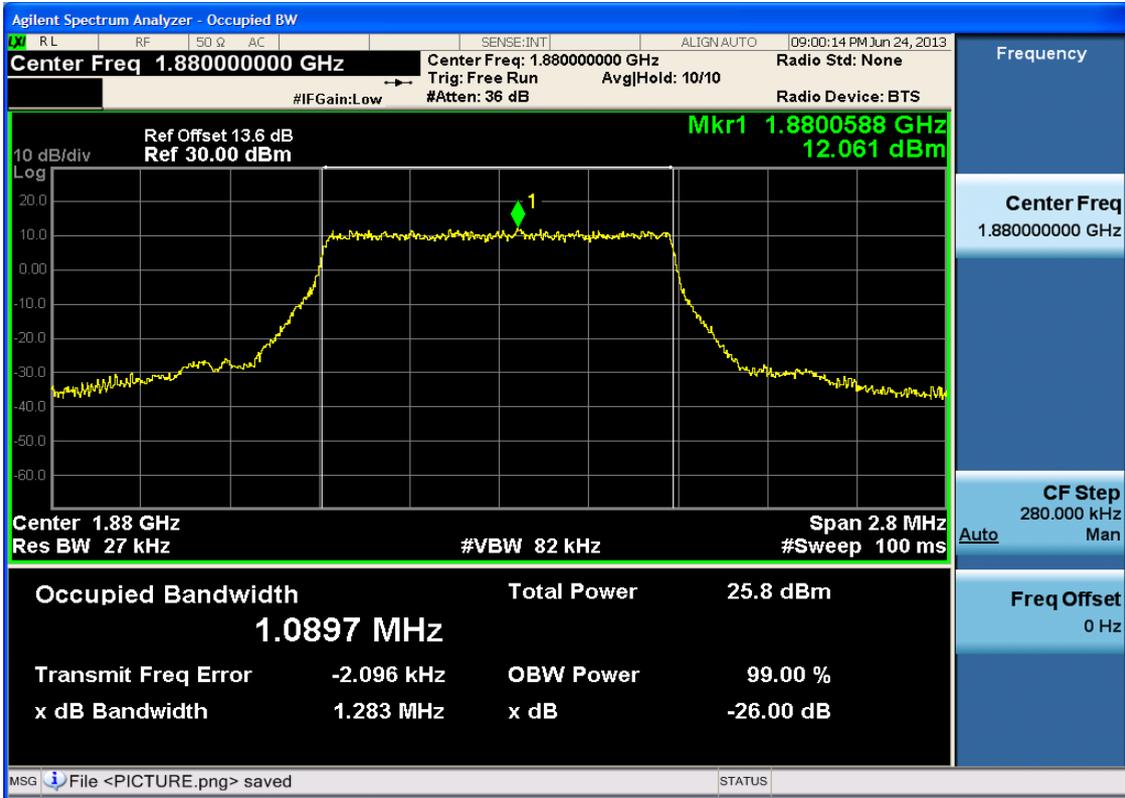
4.3.1.1.1.1 Test Channel = LCH

4.3.1.1.1.1.1 Test RB = RB6#0



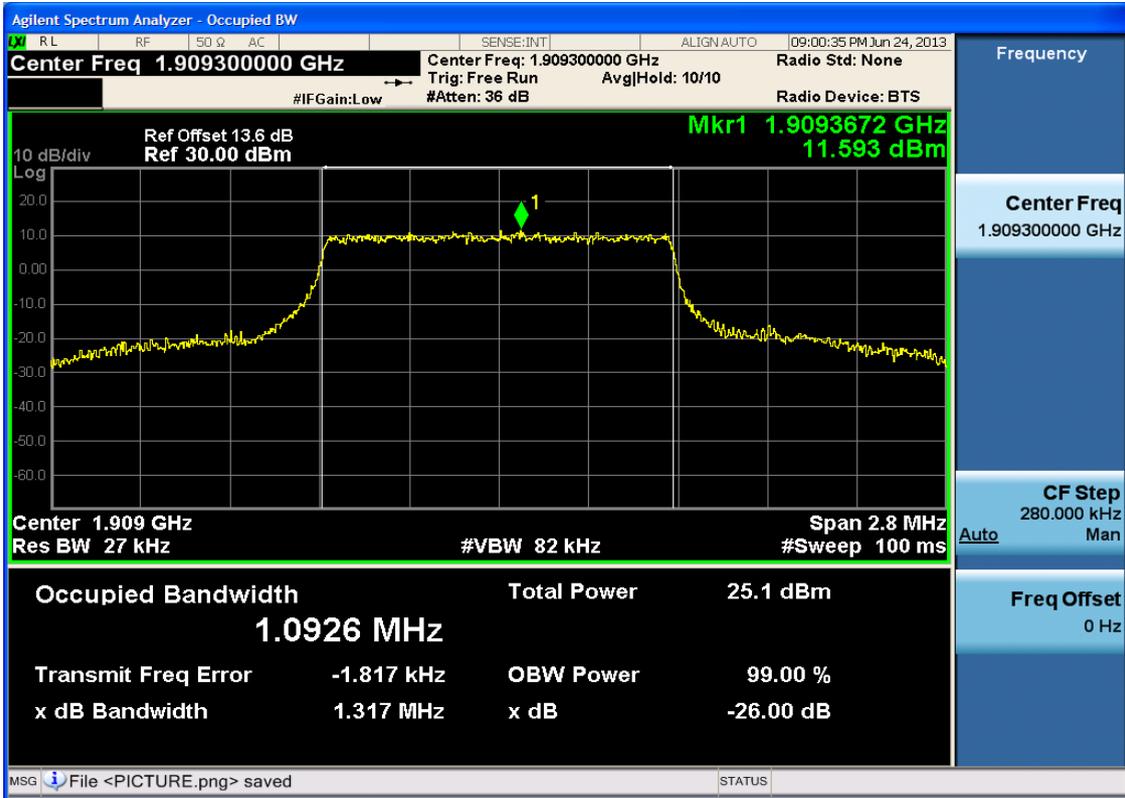
4.3.1.1.1.2 Test Channel = MCH

4.3.1.1.1.2.1 Test RB = RB6#0



4.3.1.1.1.3 Test Channel = HCH

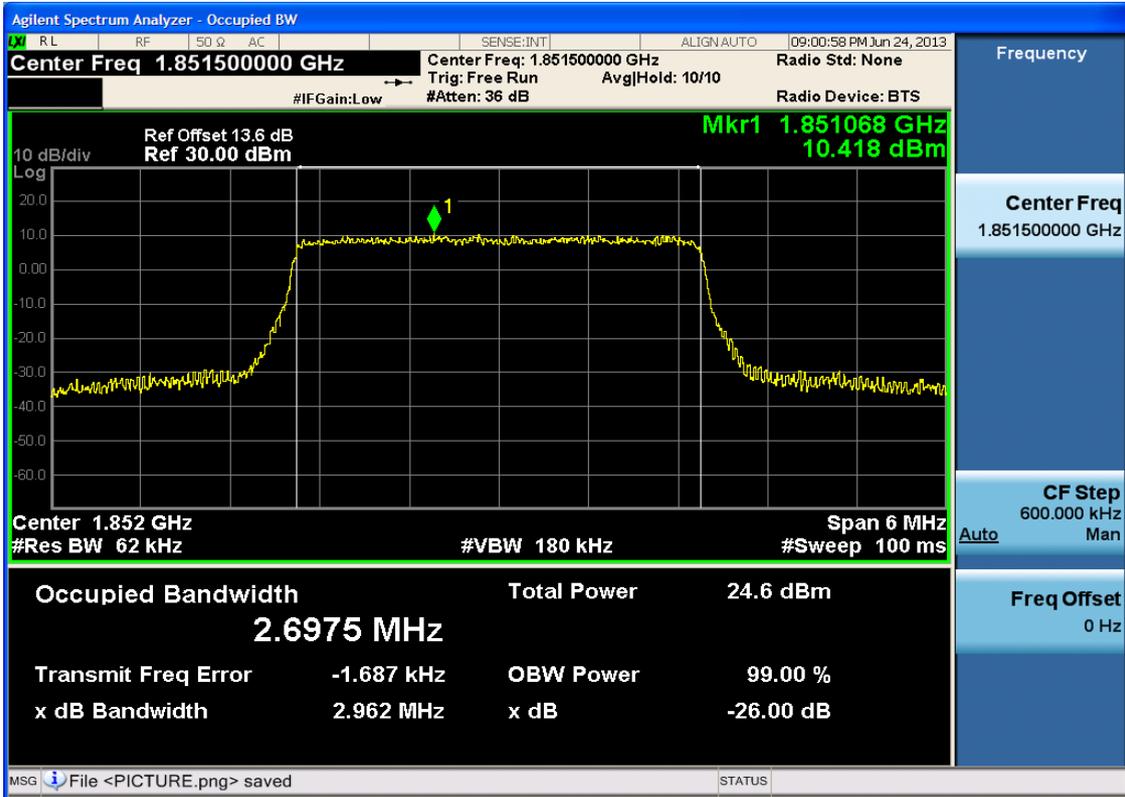
4.3.1.1.1.3.1 Test RB = RB6#0



4.3.1.1.2 Test Bandwidth = 3

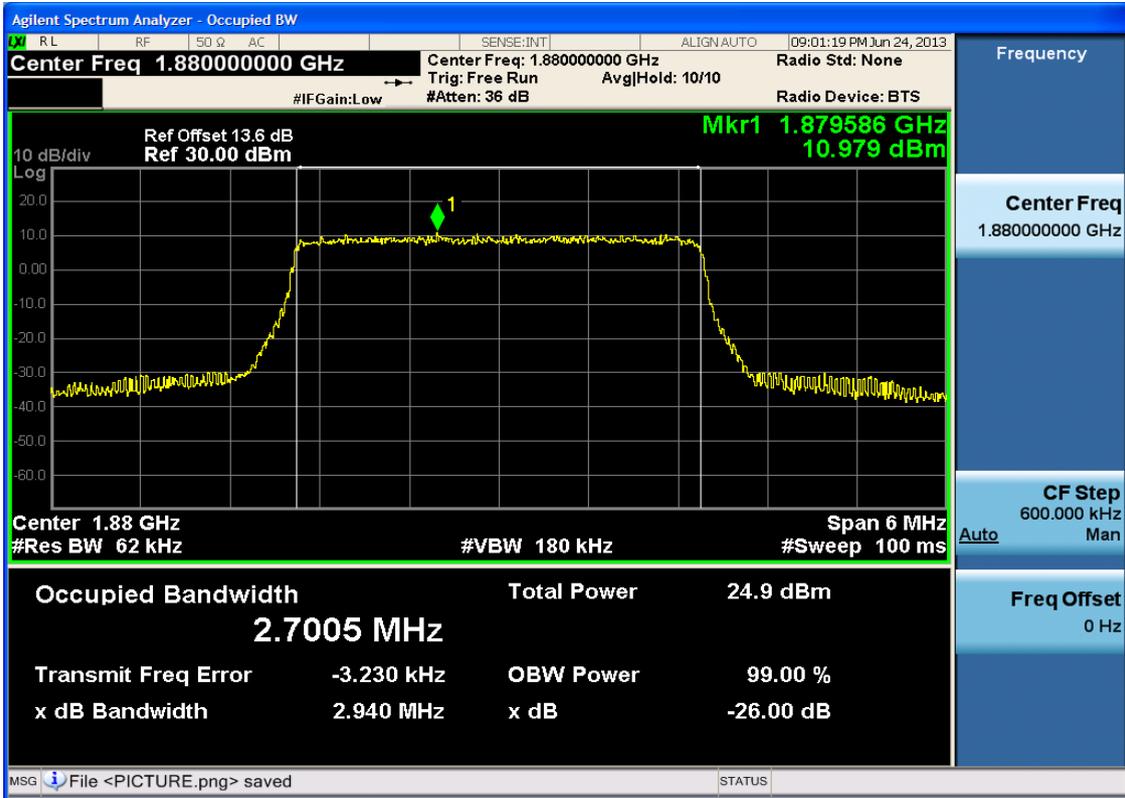
4.3.1.1.2.1 Test Channel = LCH

4.3.1.1.2.1.1 Test RB = RB15#0



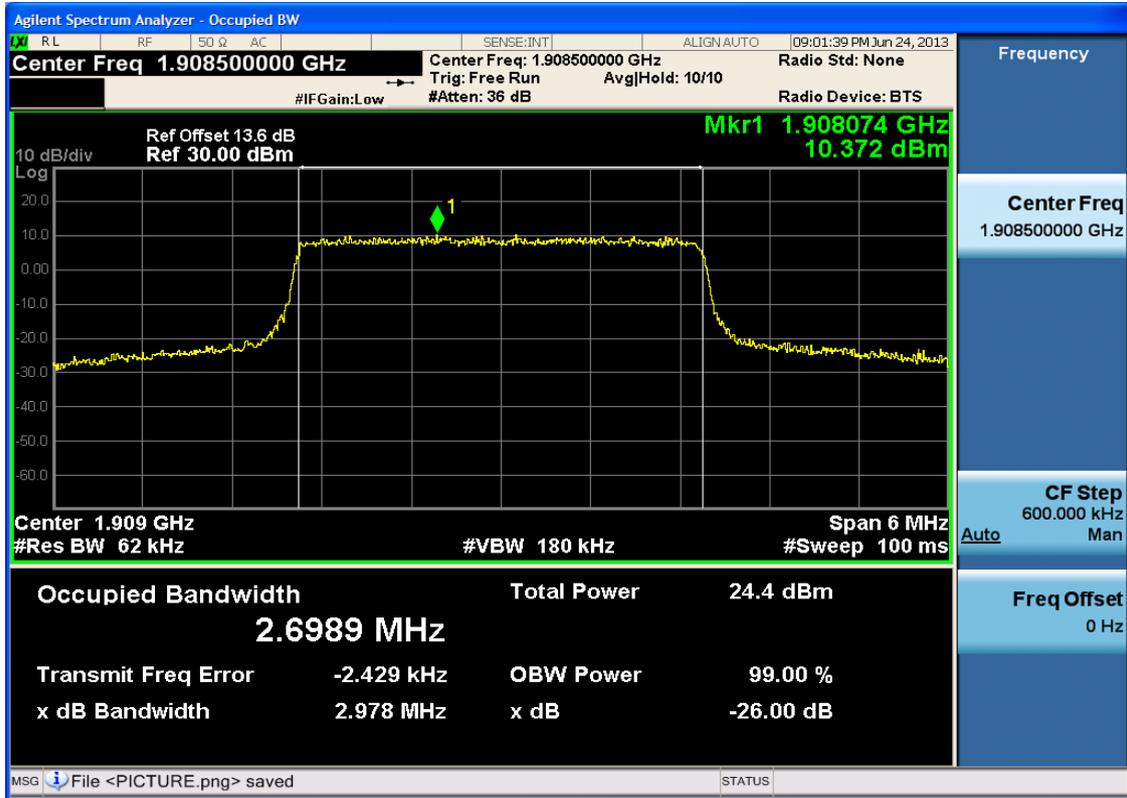
4.3.1.1.2.2 Test Channel = MCH

4.3.1.1.2.2.1 Test RB = RB15#0



4.3.1.1.2.3 Test Channel = HCH

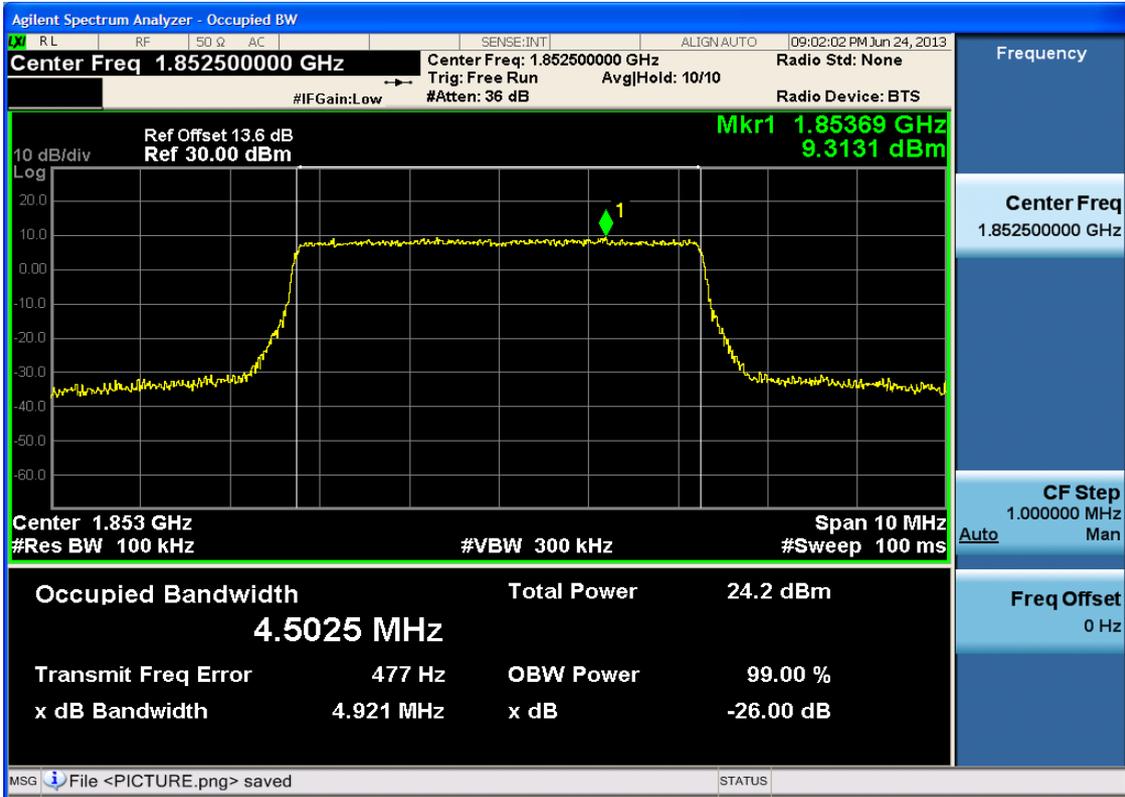
4.3.1.1.2.3.1 Test RB = RB15#0



4.3.1.1.3 Test Bandwidth = 5

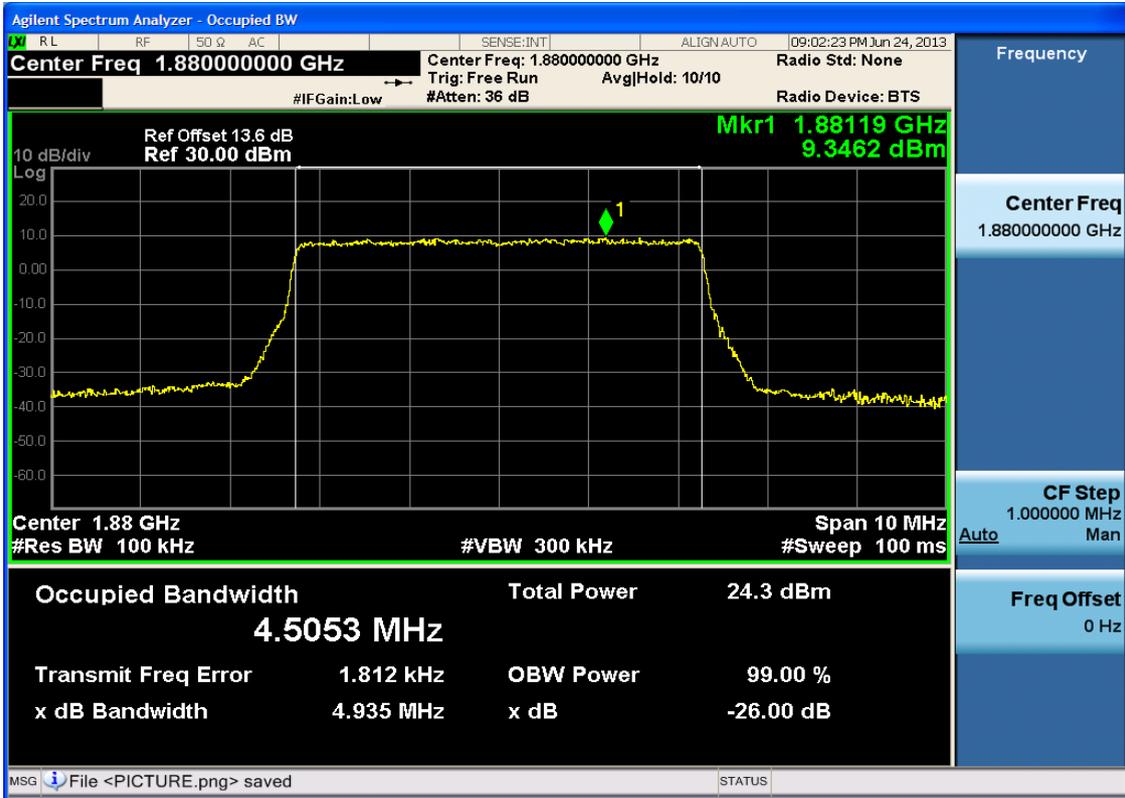
4.3.1.1.3.1 Test Channel = LCH

4.3.1.1.3.1.1 Test RB = RB25#0



4.3.1.1.3.2 Test Channel = MCH

4.3.1.1.3.2.1 Test RB = RB25#0



4.3.1.1.3.3 Test Channel = HCH

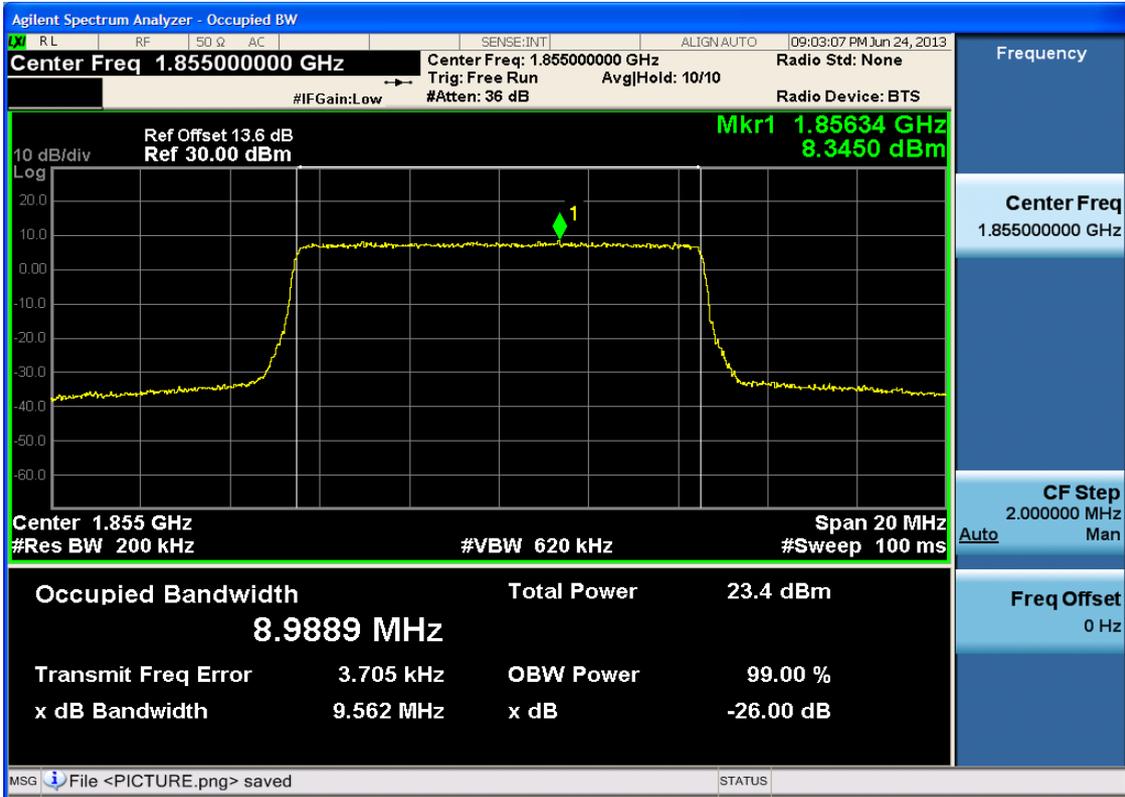
4.3.1.1.3.3.1 Test RB = RB25#0



4.3.1.1.4 Test Bandwidth = 10

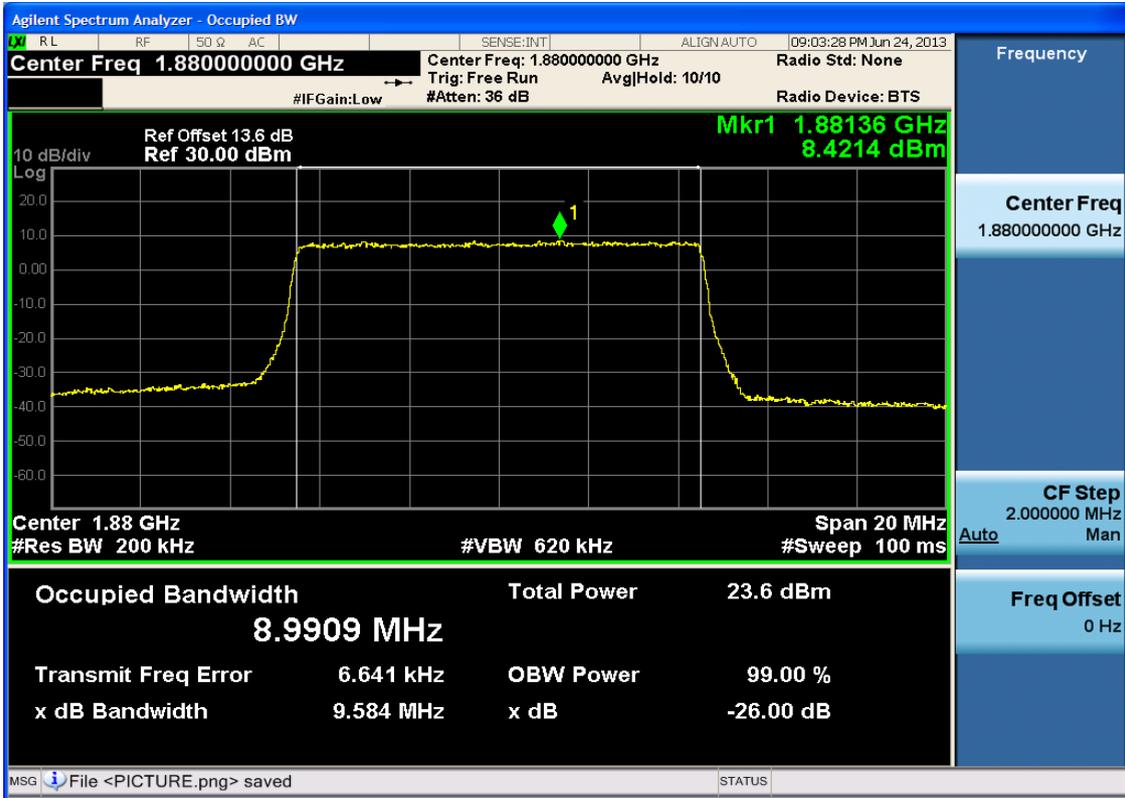
4.3.1.1.4.1 Test Channel = LCH

4.3.1.1.4.1.1 Test RB = RB50#0



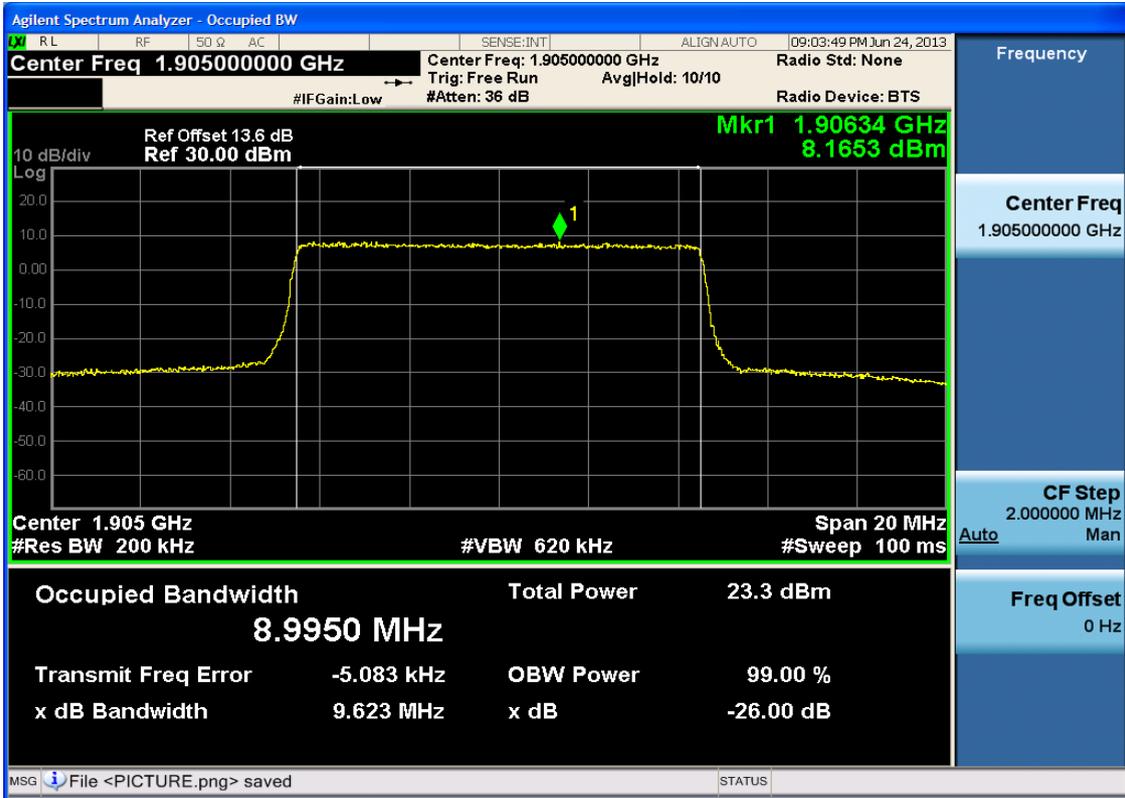
4.3.1.1.4.2 Test Channel = MCH

4.3.1.1.4.2.1 Test RB = RB50#0



4.3.1.1.4.3 Test Channel = HCH

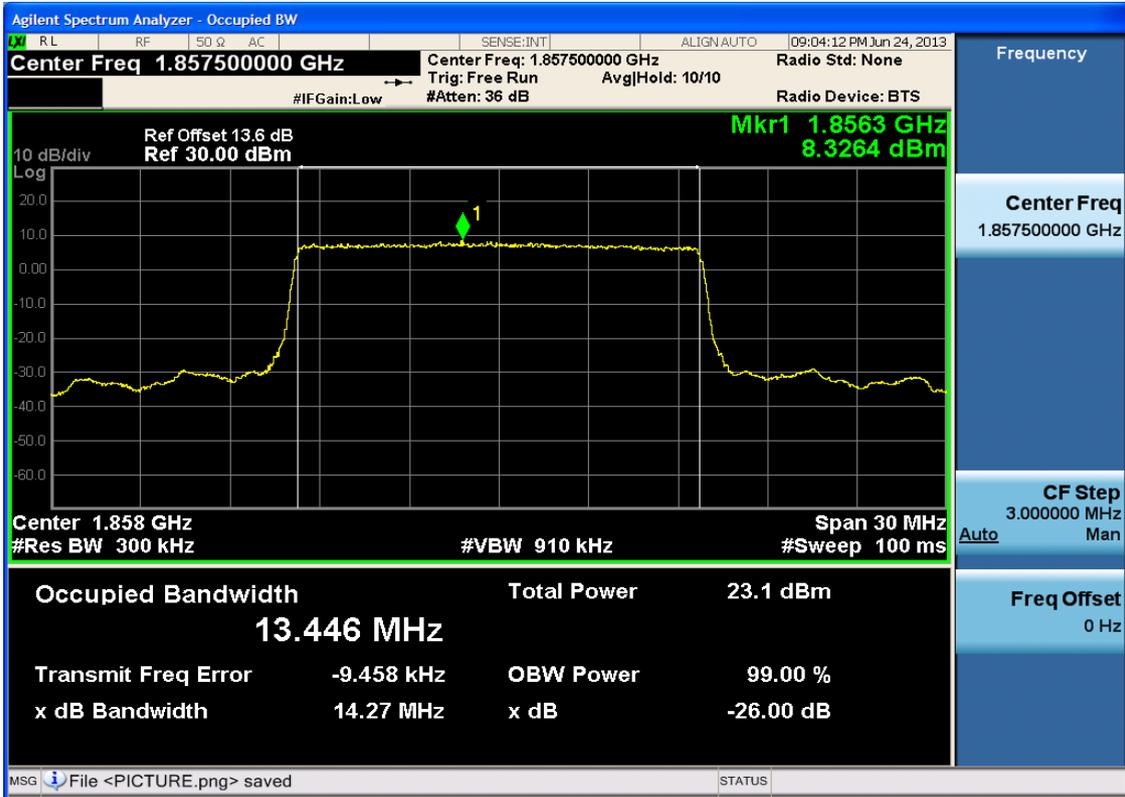
4.3.1.1.4.3.1 Test RB = RB50#0



4.3.1.1.5 Test Bandwidth = 15

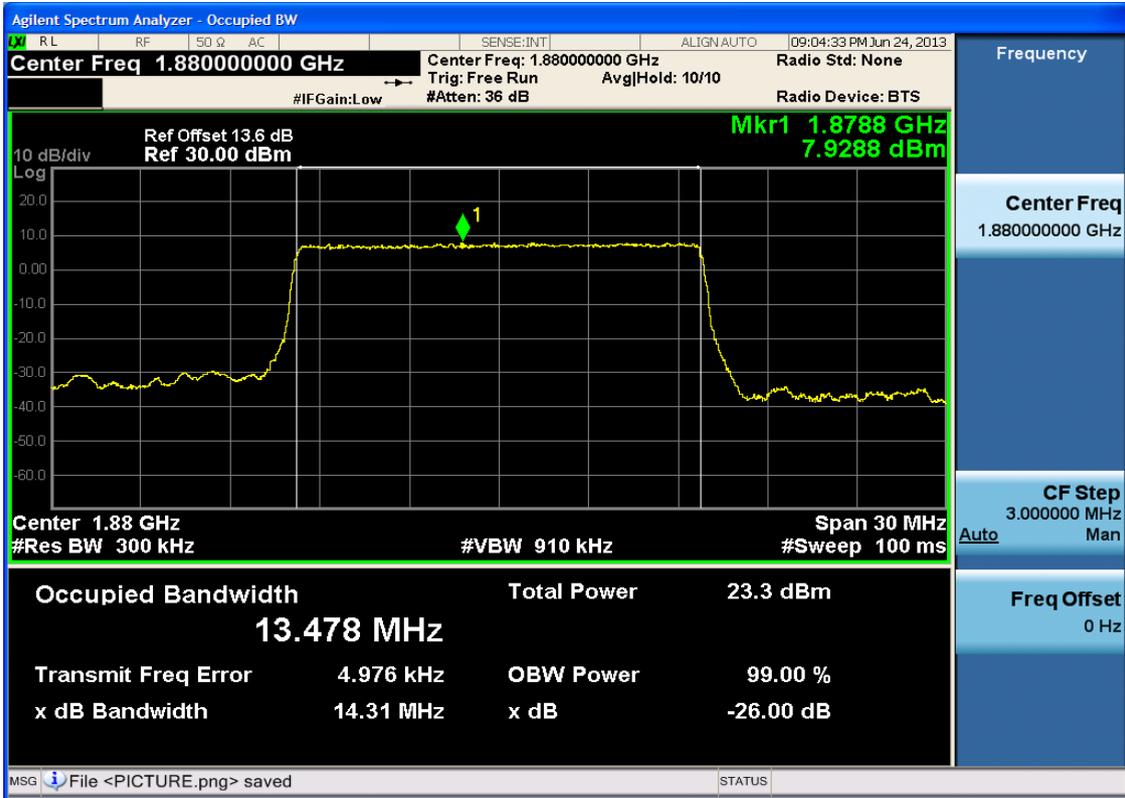
4.3.1.1.5.1 Test Channel = LCH

4.3.1.1.5.1.1 Test RB = RB75#0



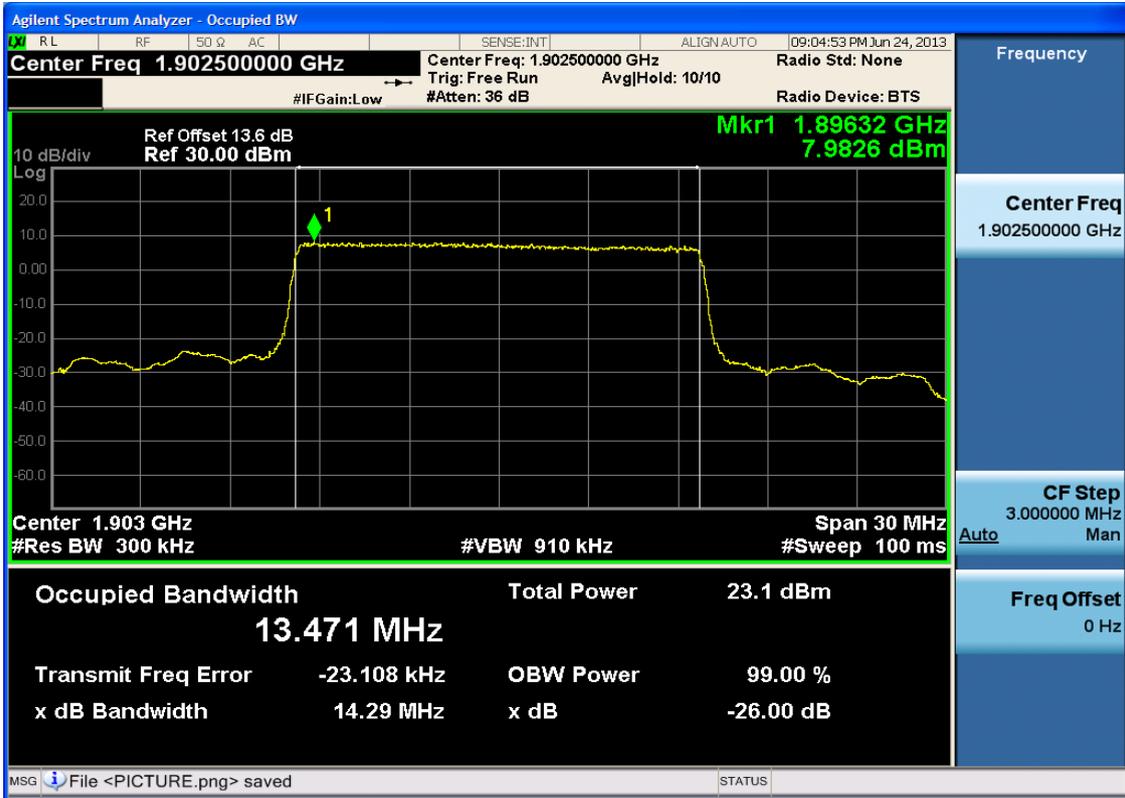
4.3.1.1.5.2 Test Channel = MCH

4.3.1.1.5.2.1 Test RB = RB75#0



4.3.1.1.5.3 Test Channel = HCH

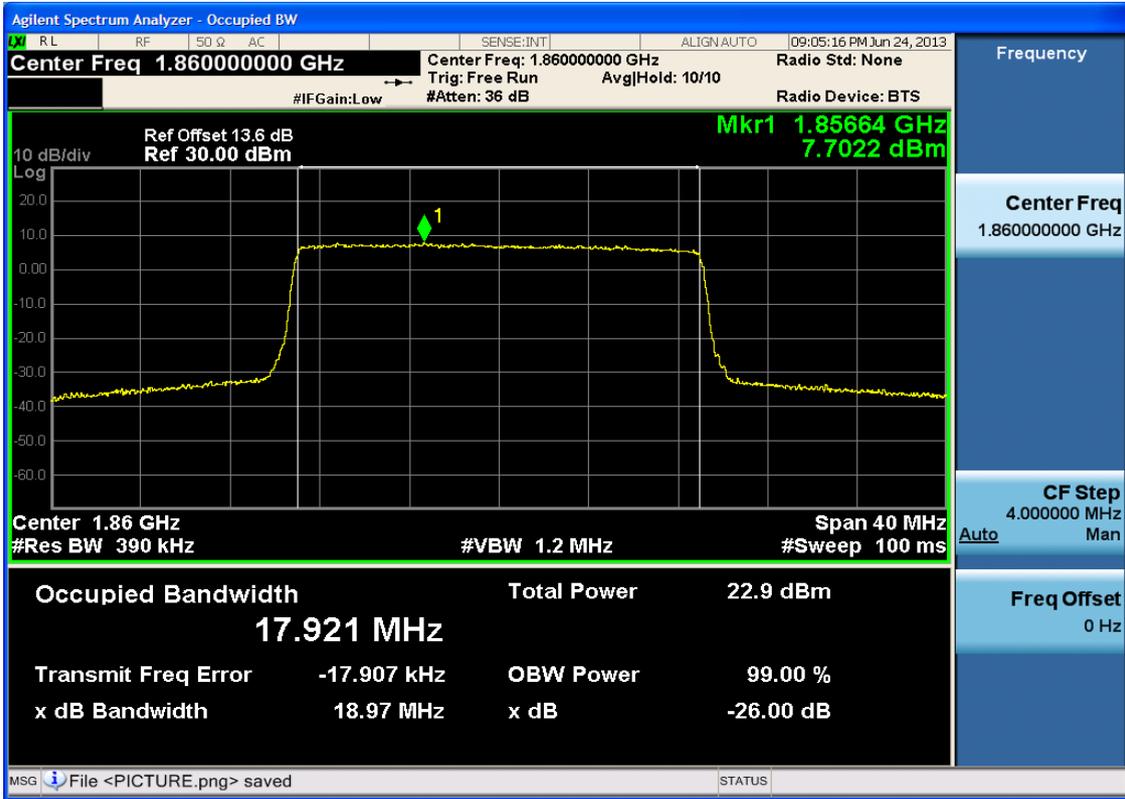
4.3.1.1.5.3.1 Test RB = RB75#0



4.3.1.1.6 Test Bandwidth = 20

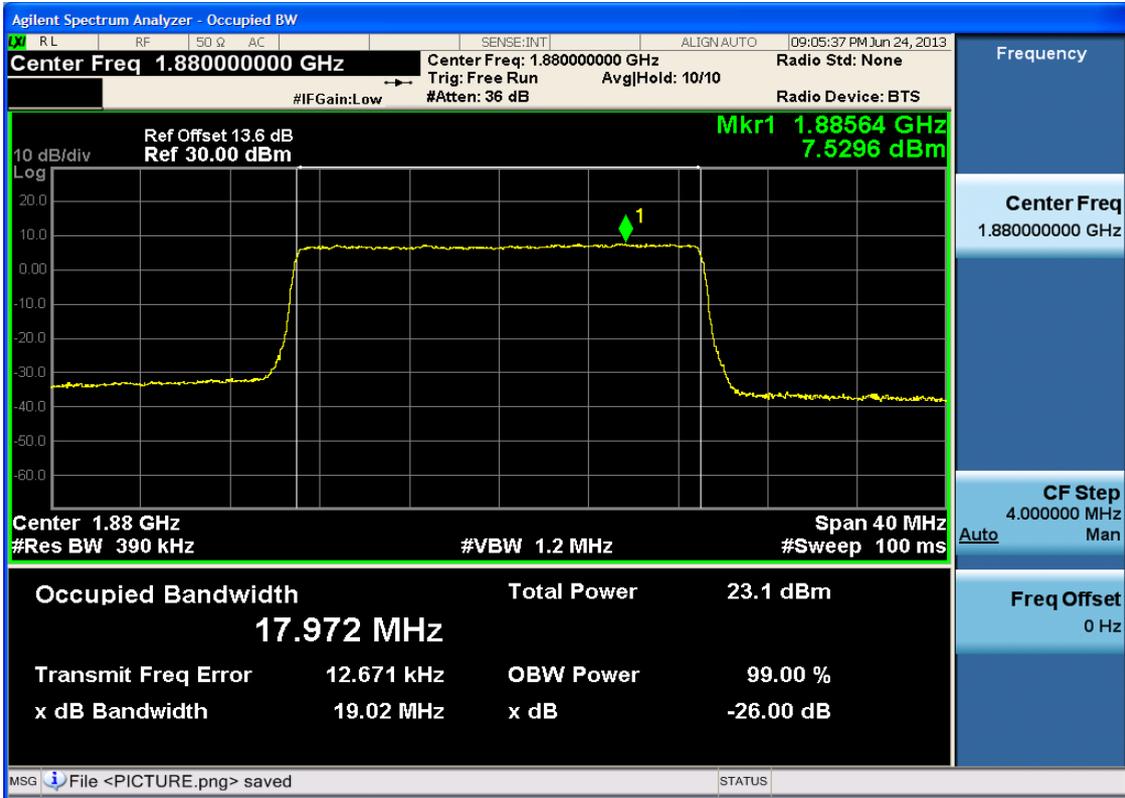
4.3.1.1.6.1 Test Channel = LCH

4.3.1.1.6.1.1 Test RB = RB100#0



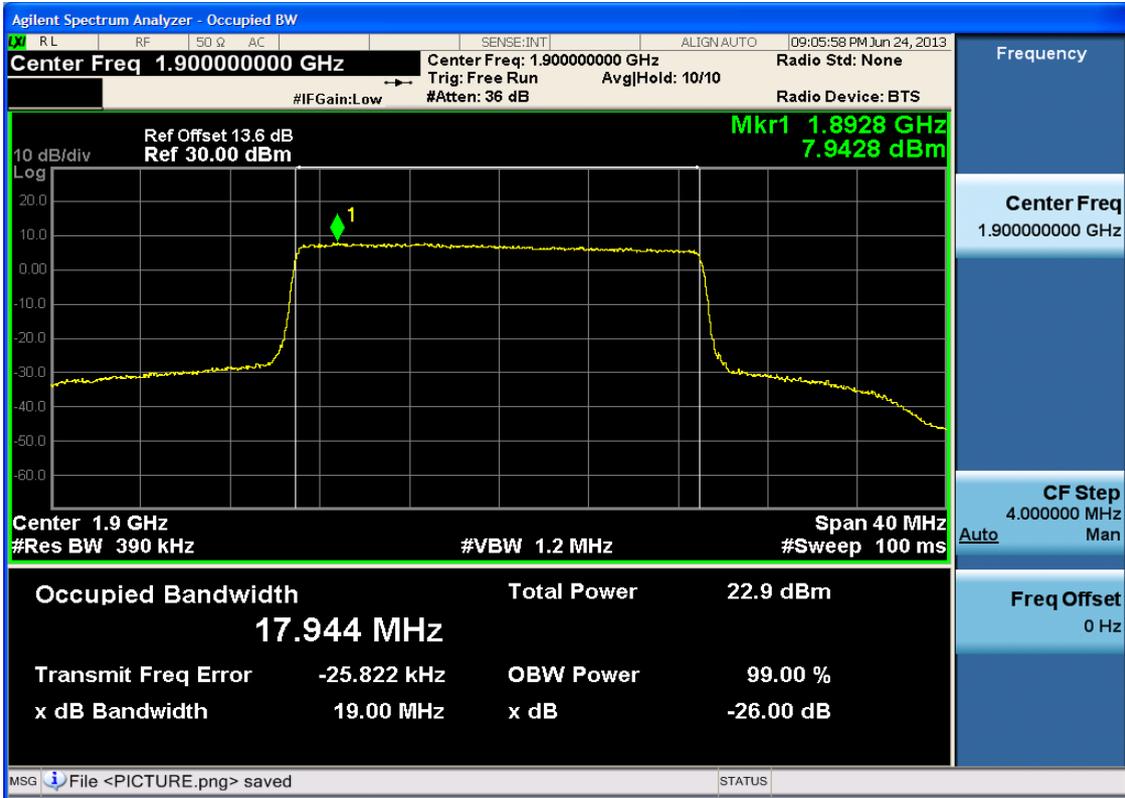
4.3.1.1.6.2 Test Channel = MCH

4.3.1.1.6.2.1 Test RB = RB100#0



4.3.1.1.6.3 Test Channel = HCH

4.3.1.1.6.3.1 Test RB = RB100#0

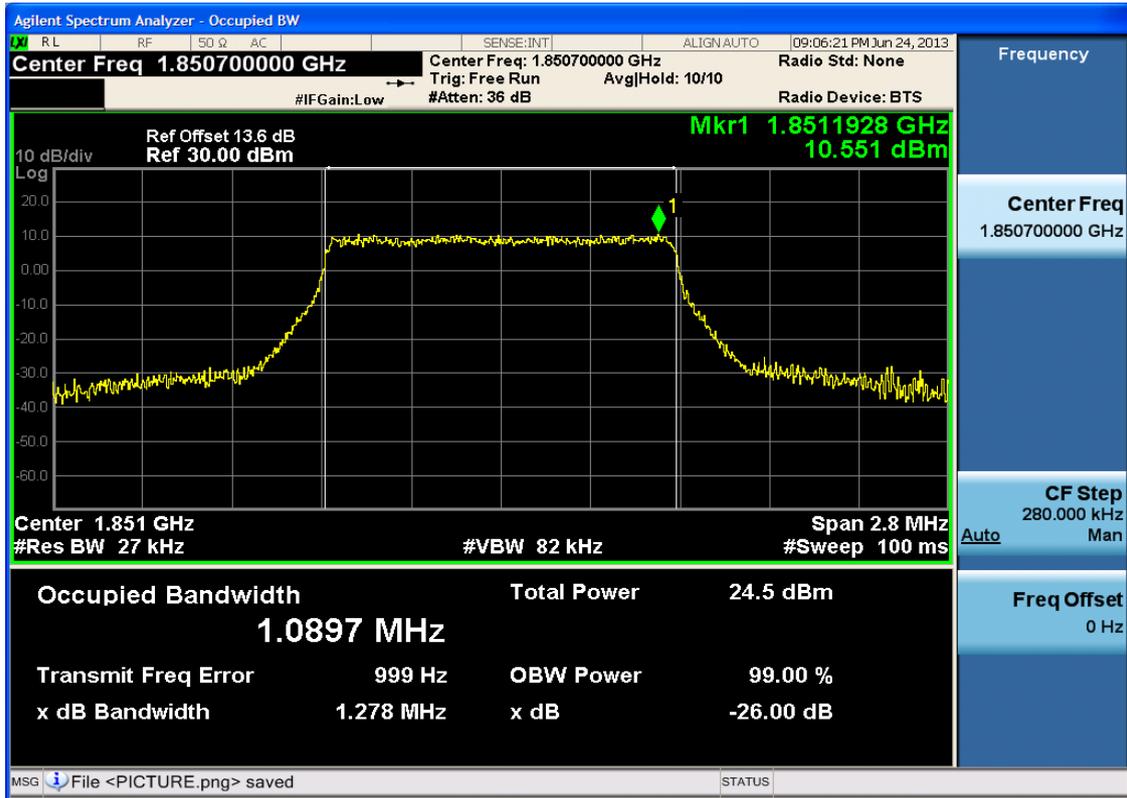


4.3.1.2 Test Mode = LTE/TM2

4.3.1.2.1 Test Bandwidth = 1.4

4.3.1.2.1.1 Test Channel = LCH

4.3.1.2.1.1.1 Test RB = RB6#0



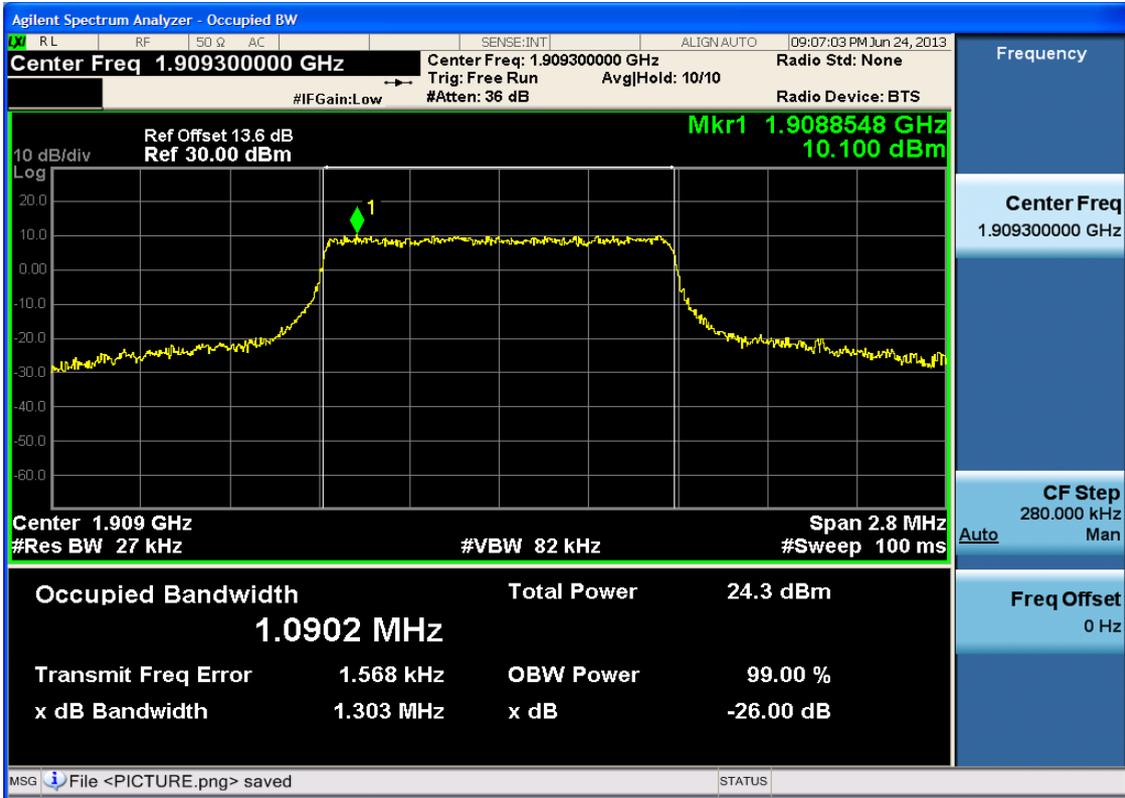
4.3.1.2.1.2 Test Channel = MCH

4.3.1.2.1.2.1 Test RB = RB6#0



4.3.1.2.1.3 Test Channel = HCH

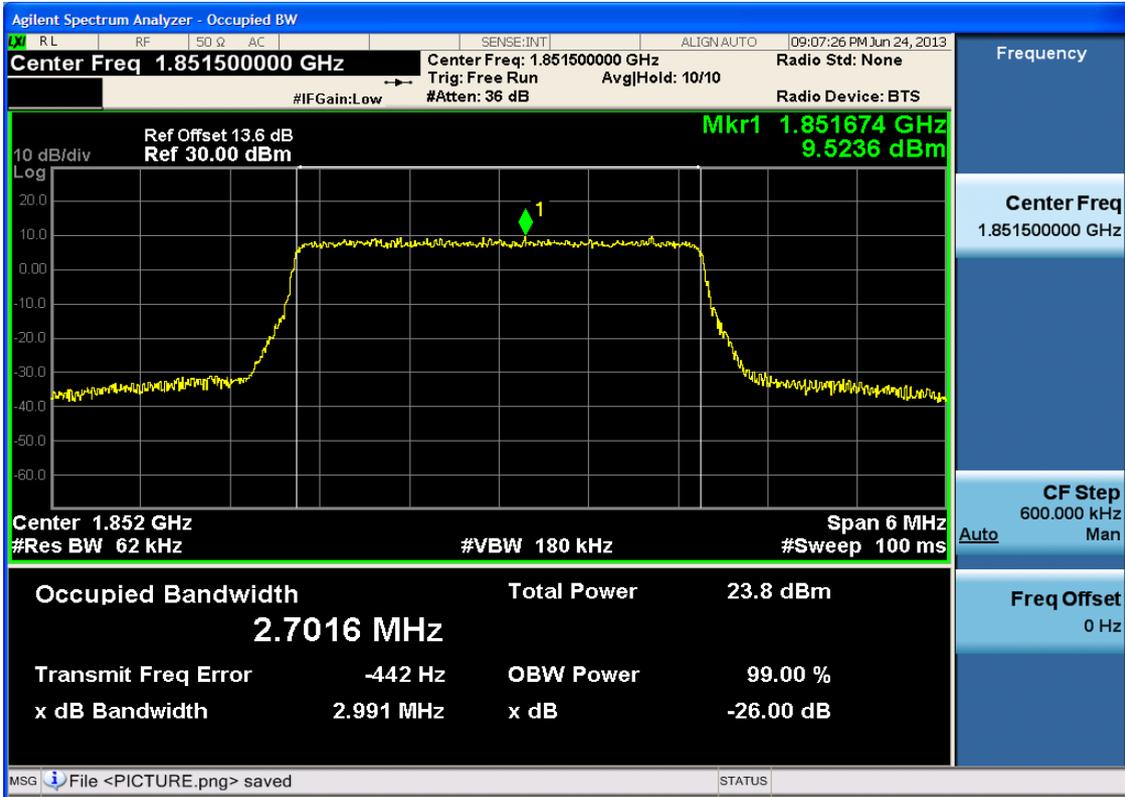
4.3.1.2.1.3.1 Test RB = RB6#0



4.3.1.2.2 Test Bandwidth = 3

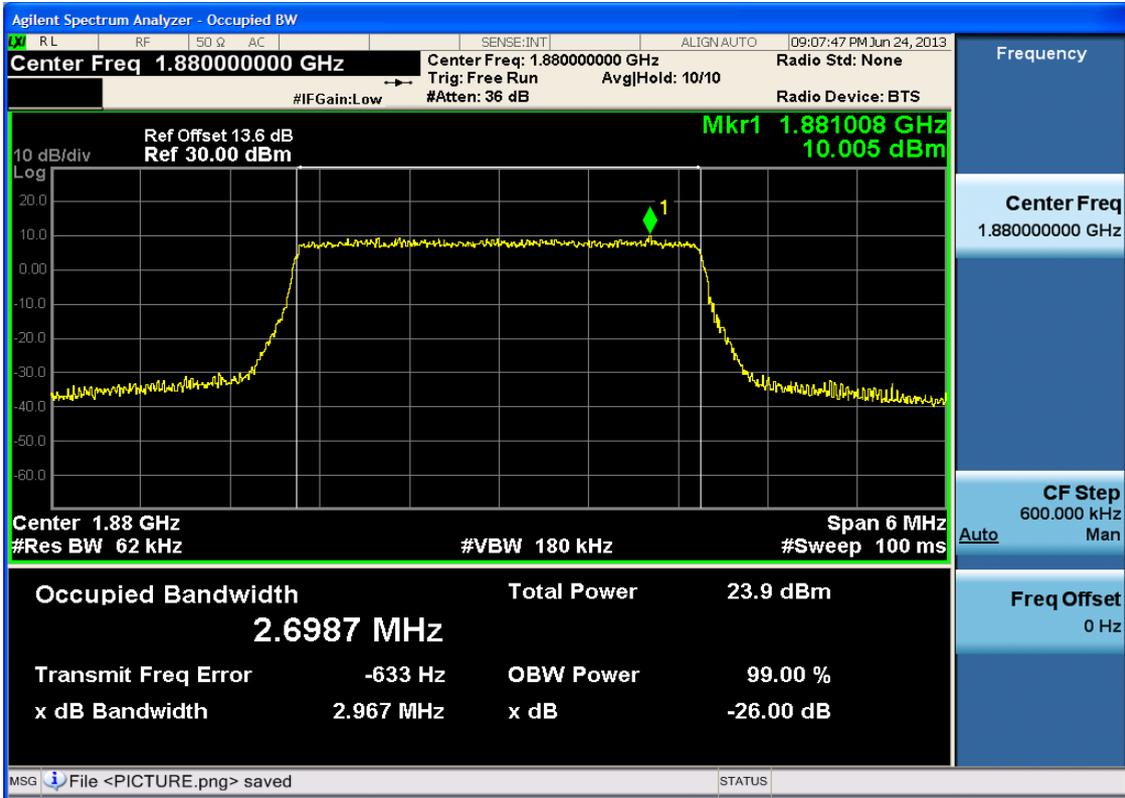
4.3.1.2.2.1 Test Channel = LCH

4.3.1.2.2.1.1 Test RB = RB15#0



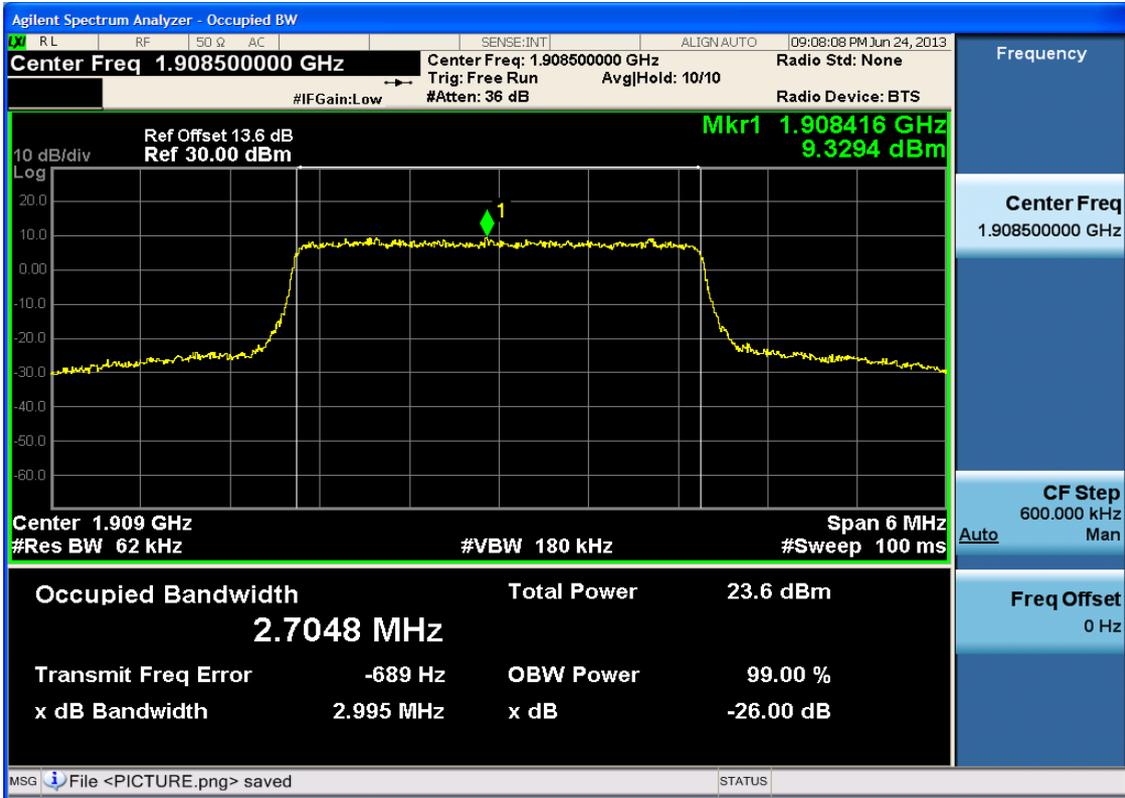
4.3.1.2.2.2 Test Channel = MCH

4.3.1.2.2.2.1 Test RB = RB15#0



4.3.1.2.2.3 Test Channel = HCH

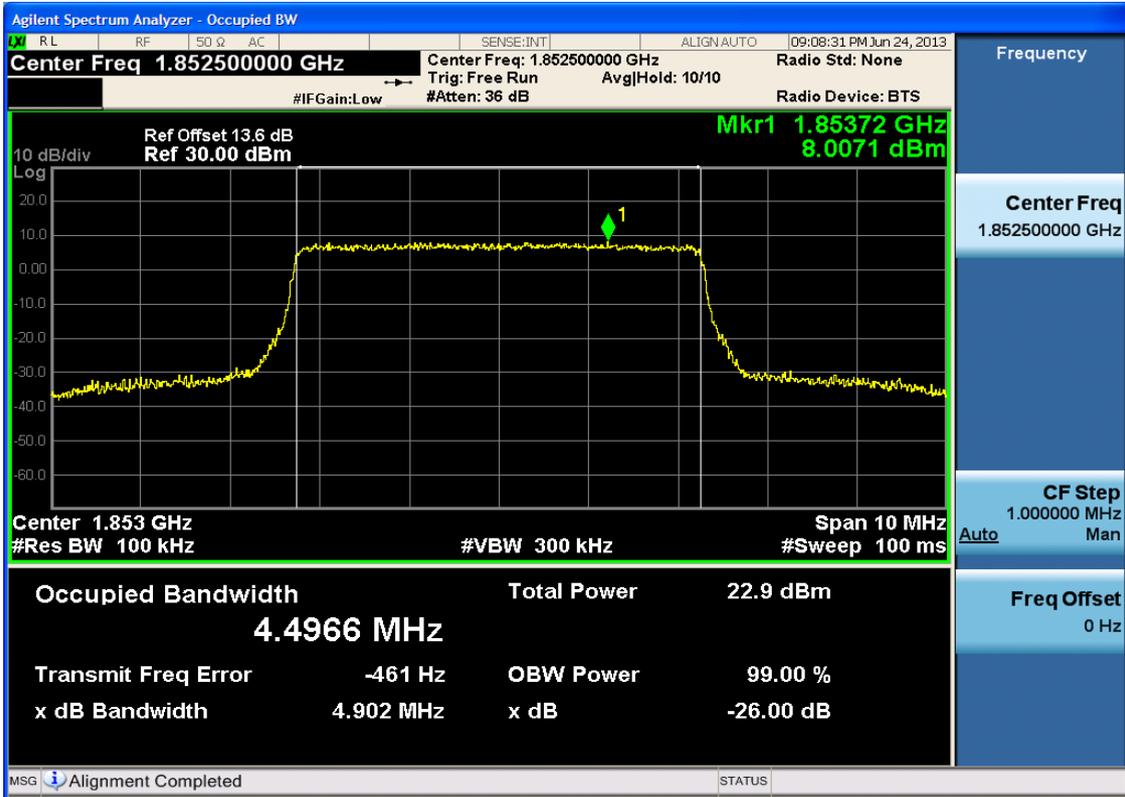
4.3.1.2.2.3.1 Test RB = RB15#0



4.3.1.2.3 Test Bandwidth = 5

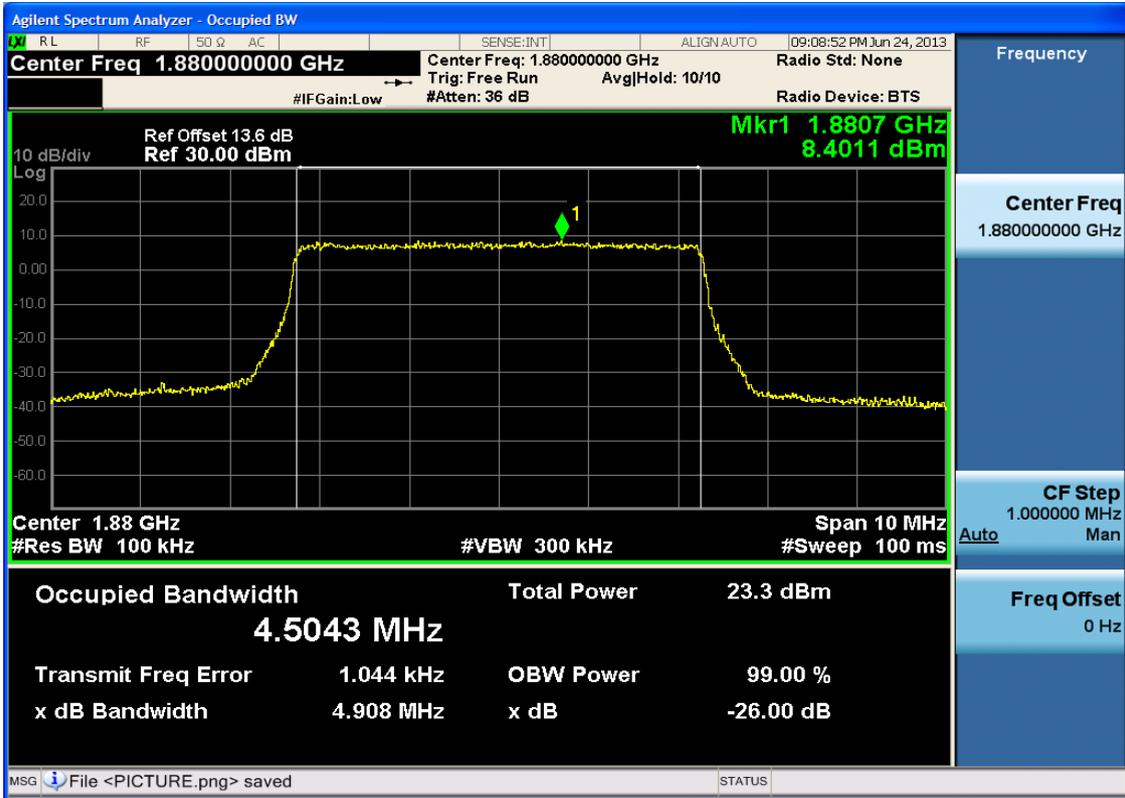
4.3.1.2.3.1 Test Channel = LCH

4.3.1.2.3.1.1 Test RB = RB25#0



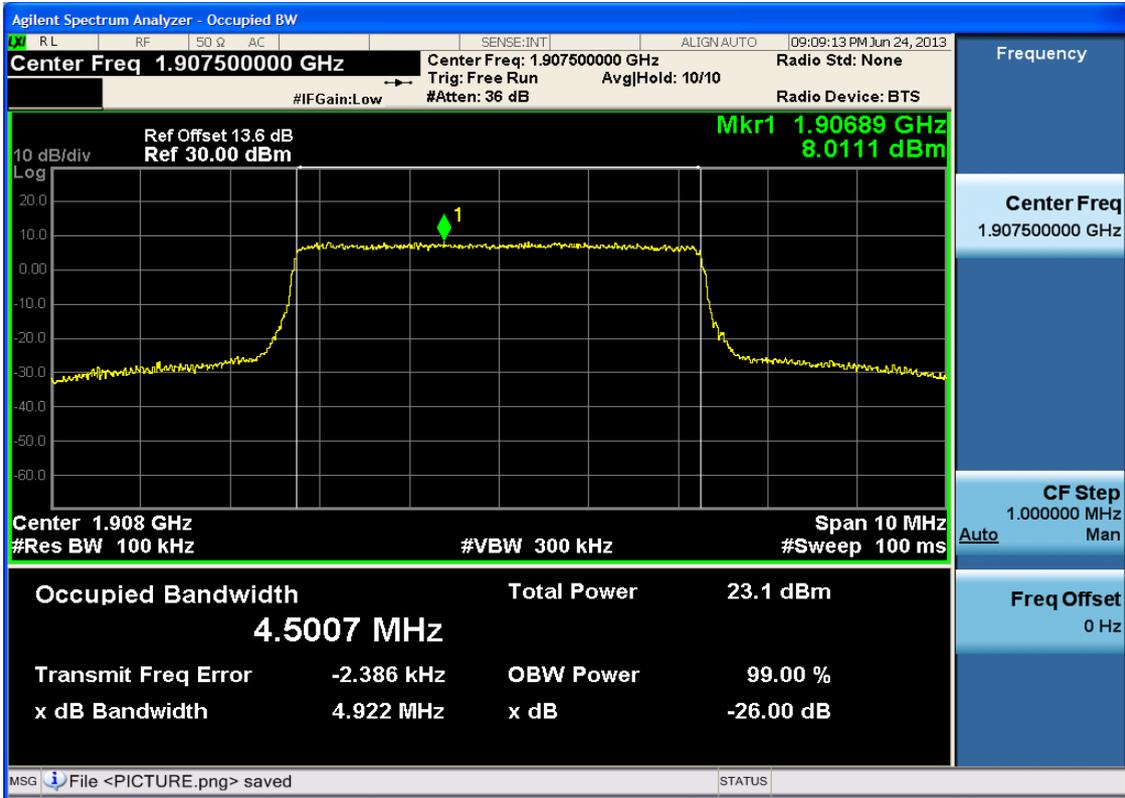
4.3.1.2.3.2 Test Channel = MCH

4.3.1.2.3.2.1 Test RB = RB25#0



4.3.1.2.3.3 Test Channel = HCH

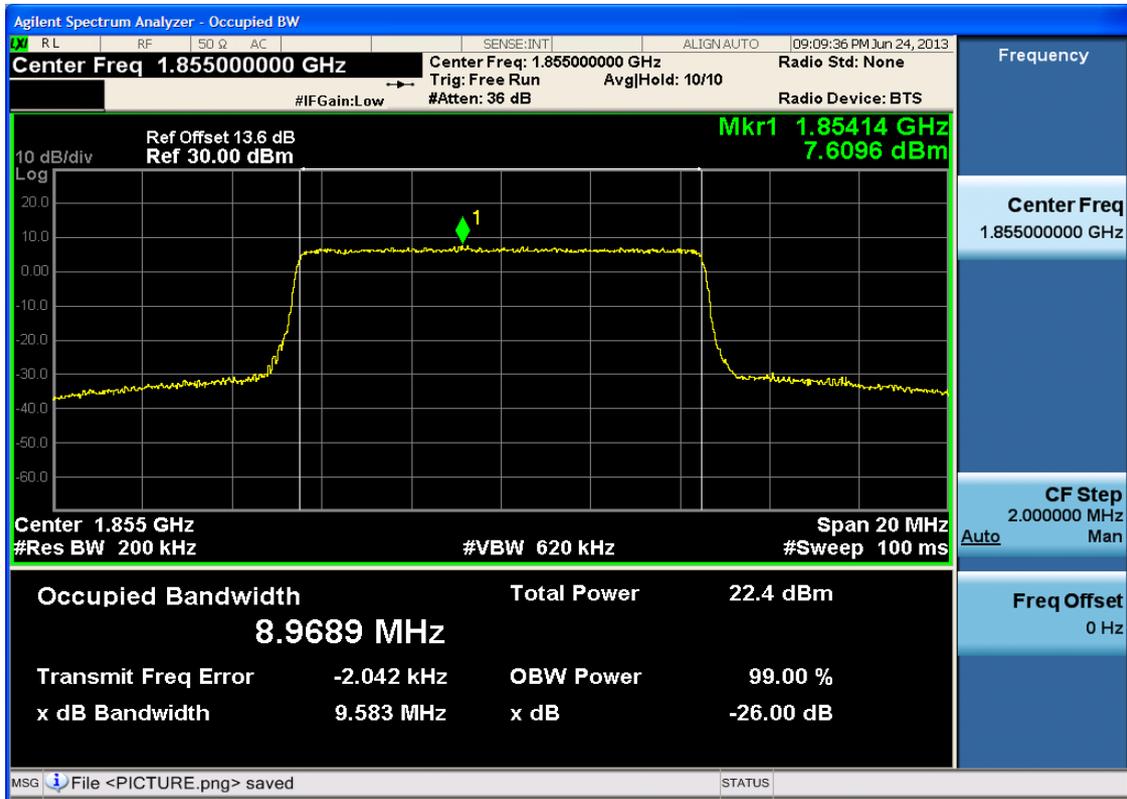
4.3.1.2.3.3.1 Test RB = RB25#0



4.3.1.2.4 Test Bandwidth = 10

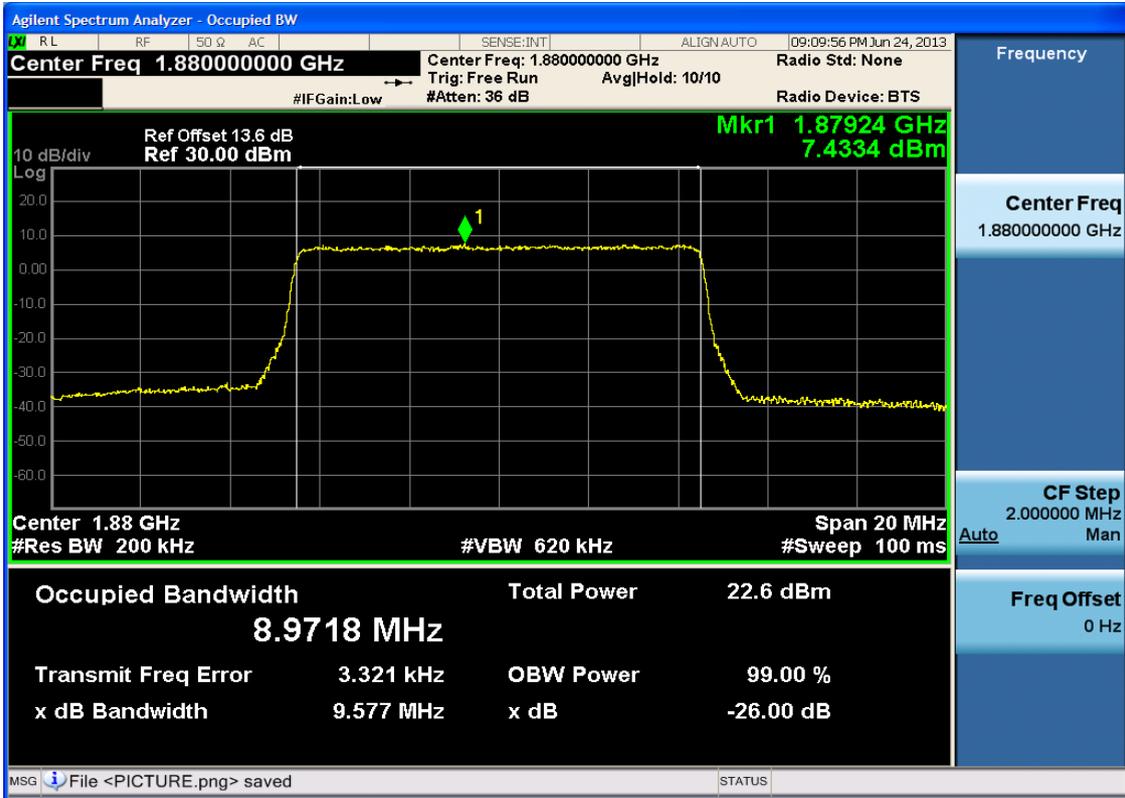
4.3.1.2.4.1 Test Channel = LCH

4.3.1.2.4.1.1 Test RB = RB50#0



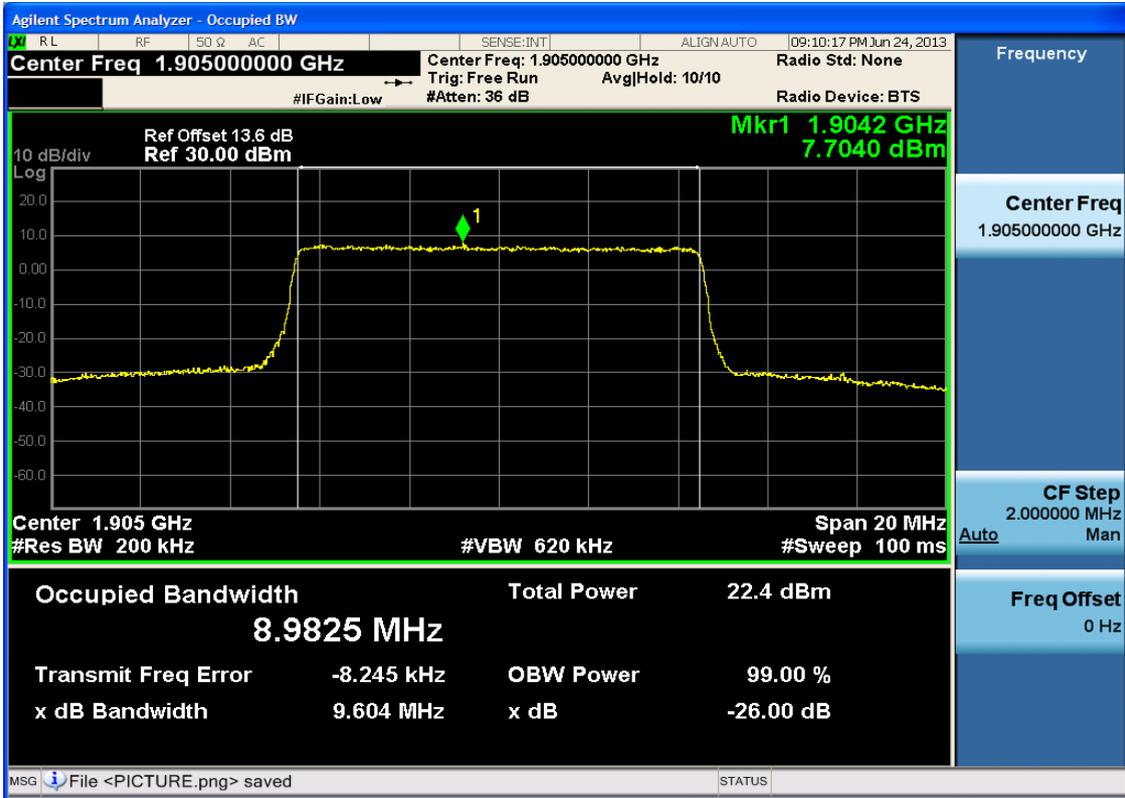
4.3.1.2.4.2 Test Channel = MCH

4.3.1.2.4.2.1 Test RB = RB50#0



4.3.1.2.4.3 Test Channel = HCH

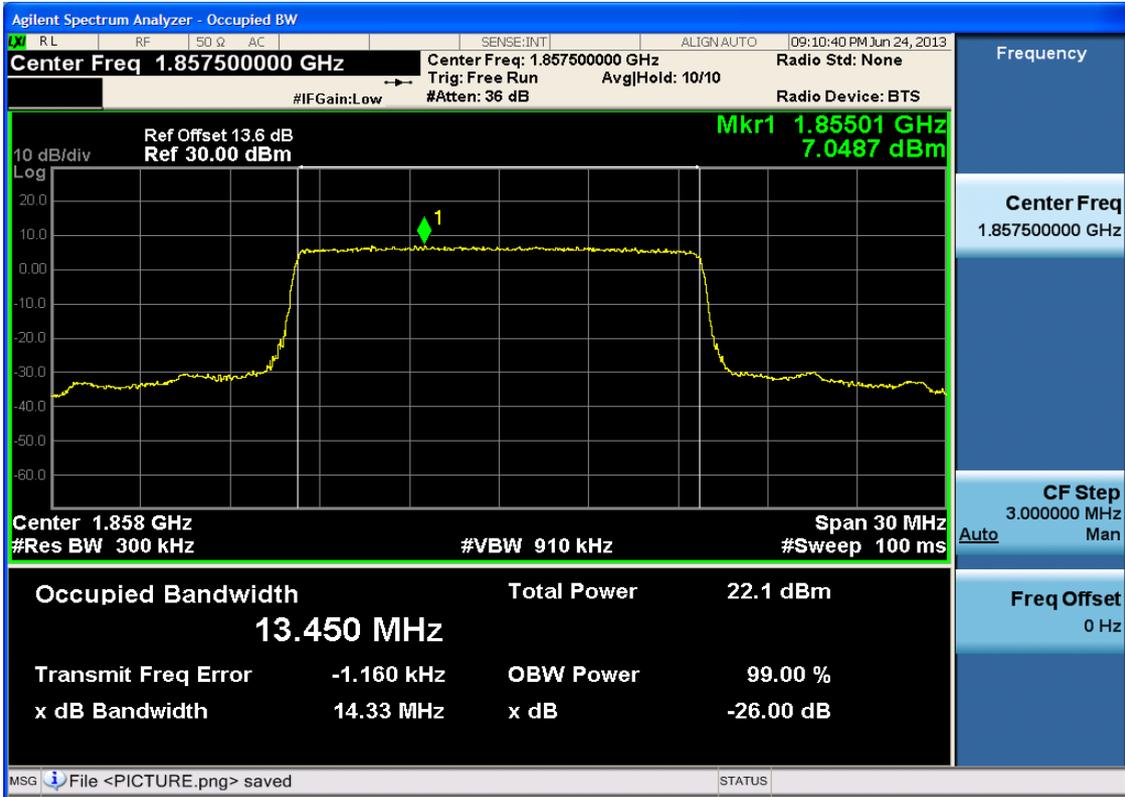
4.3.1.2.4.3.1 Test RB = RB50#0



4.3.1.2.5 Test Bandwidth = 15

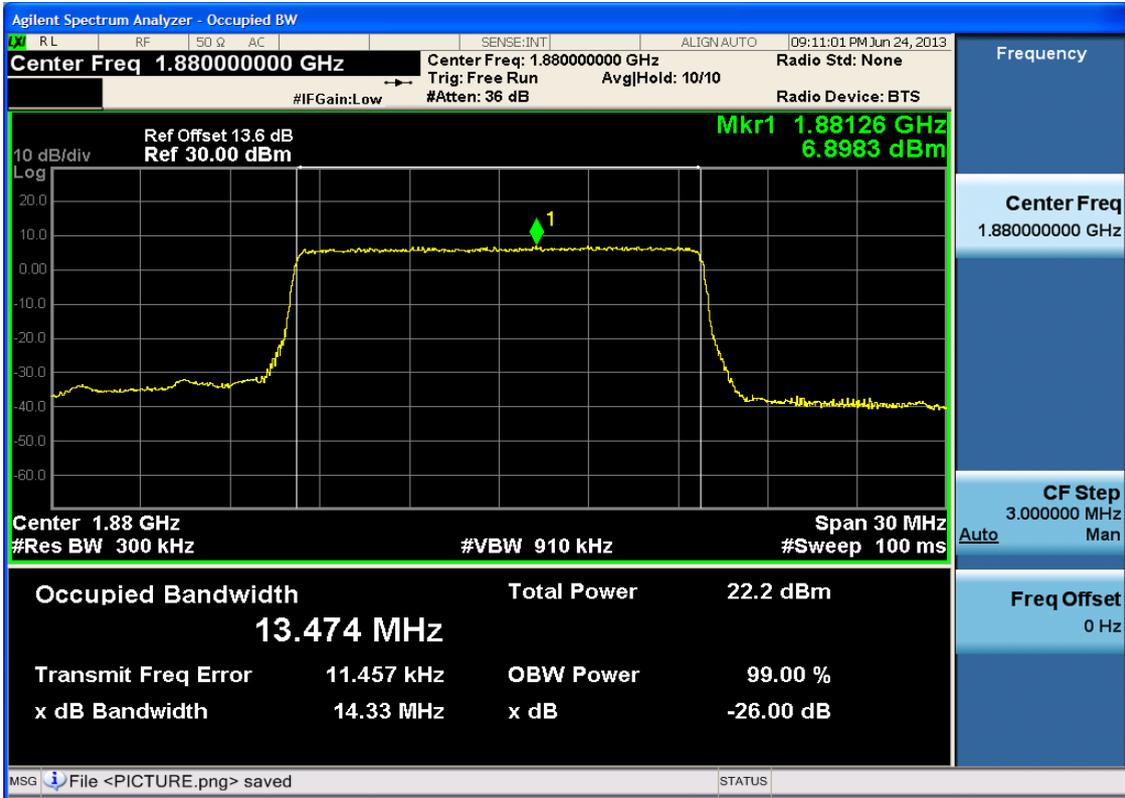
4.3.1.2.5.1 Test Channel = LCH

4.3.1.2.5.1.1 Test RB = RB75#0



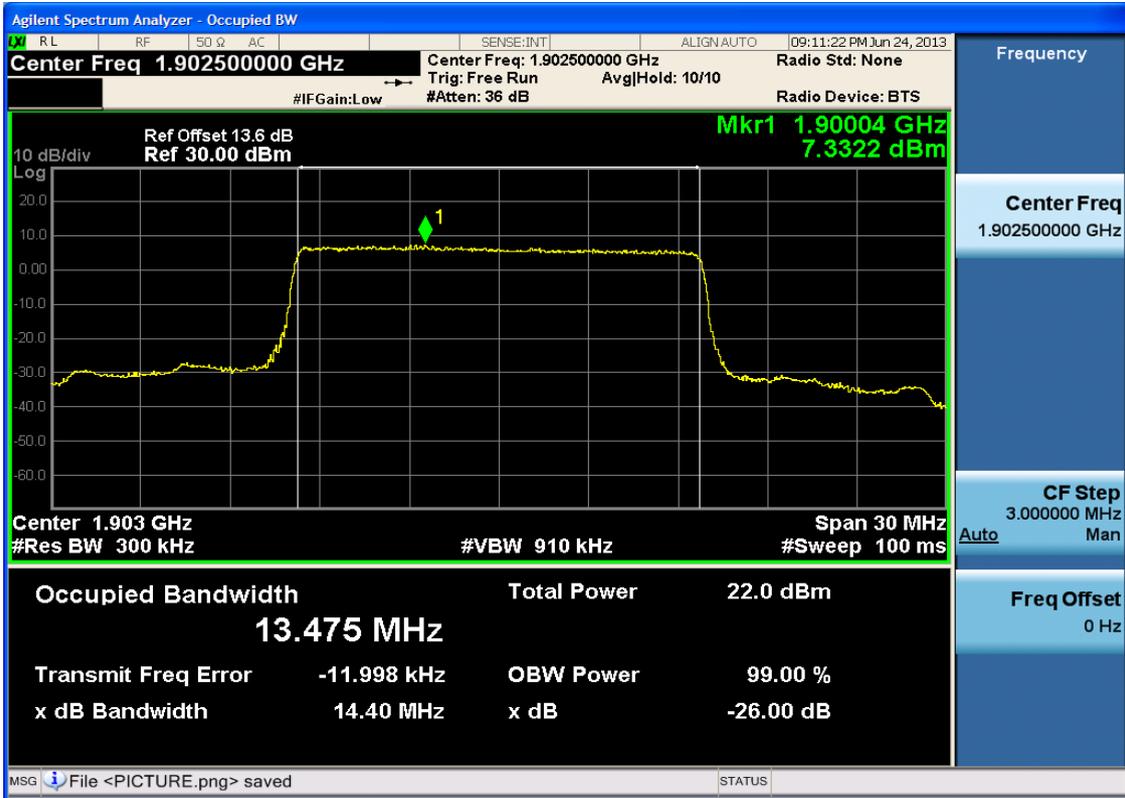
4.3.1.2.5.2 Test Channel = MCH

4.3.1.2.5.2.1 Test RB = RB75#0



4.3.1.2.5.3 Test Channel = HCH

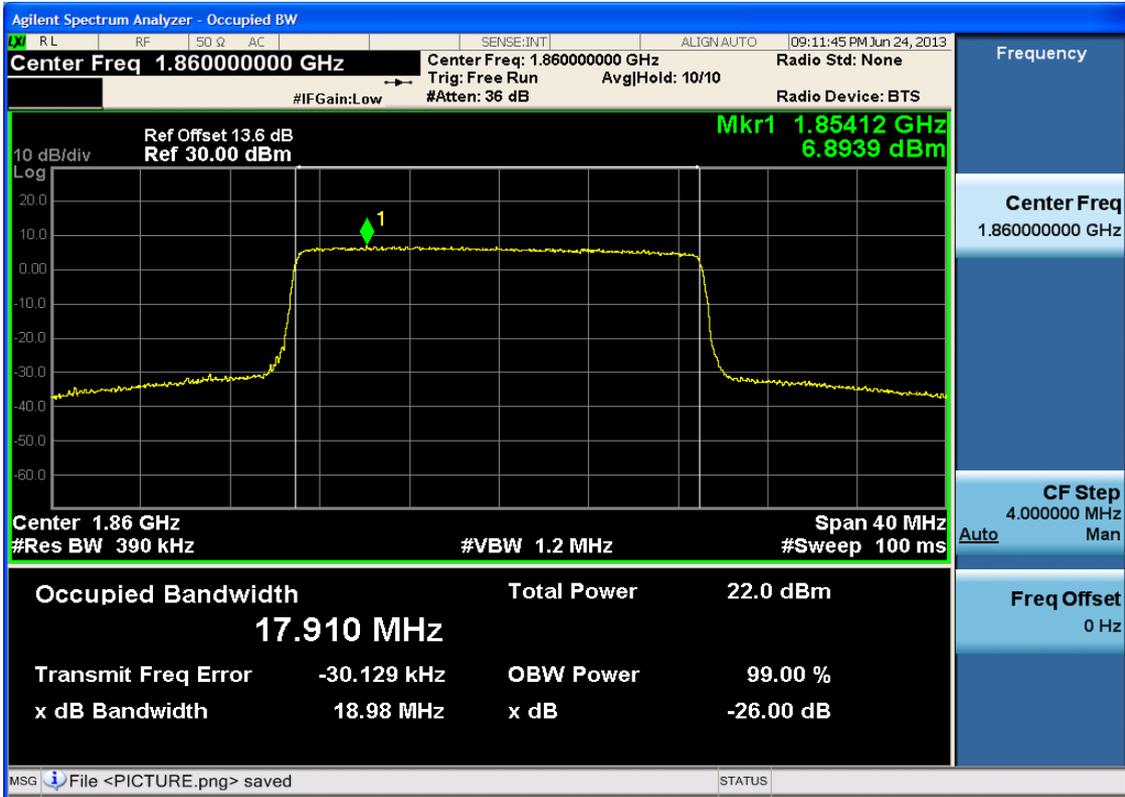
4.3.1.2.5.3.1 Test RB = RB75#0



4.3.1.2.6 Test Bandwidth = 20

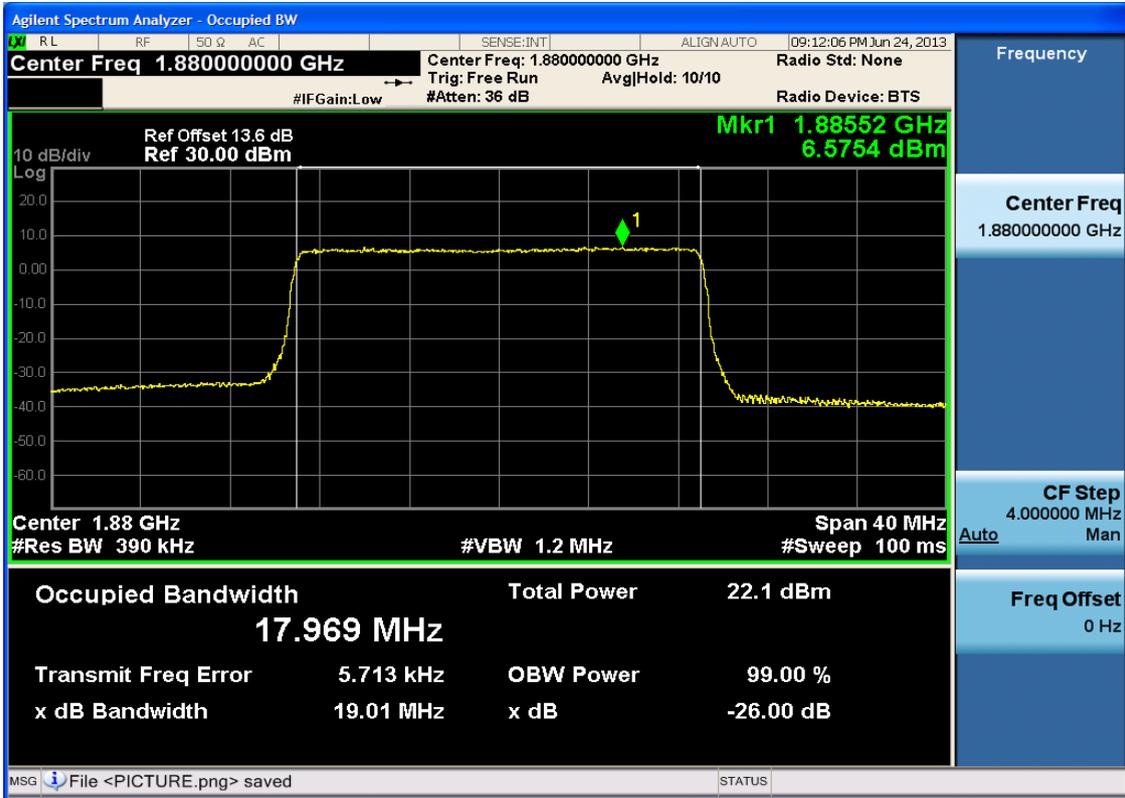
4.3.1.2.6.1 Test Channel = LCH

4.3.1.2.6.1.1 Test RB = RB100#0



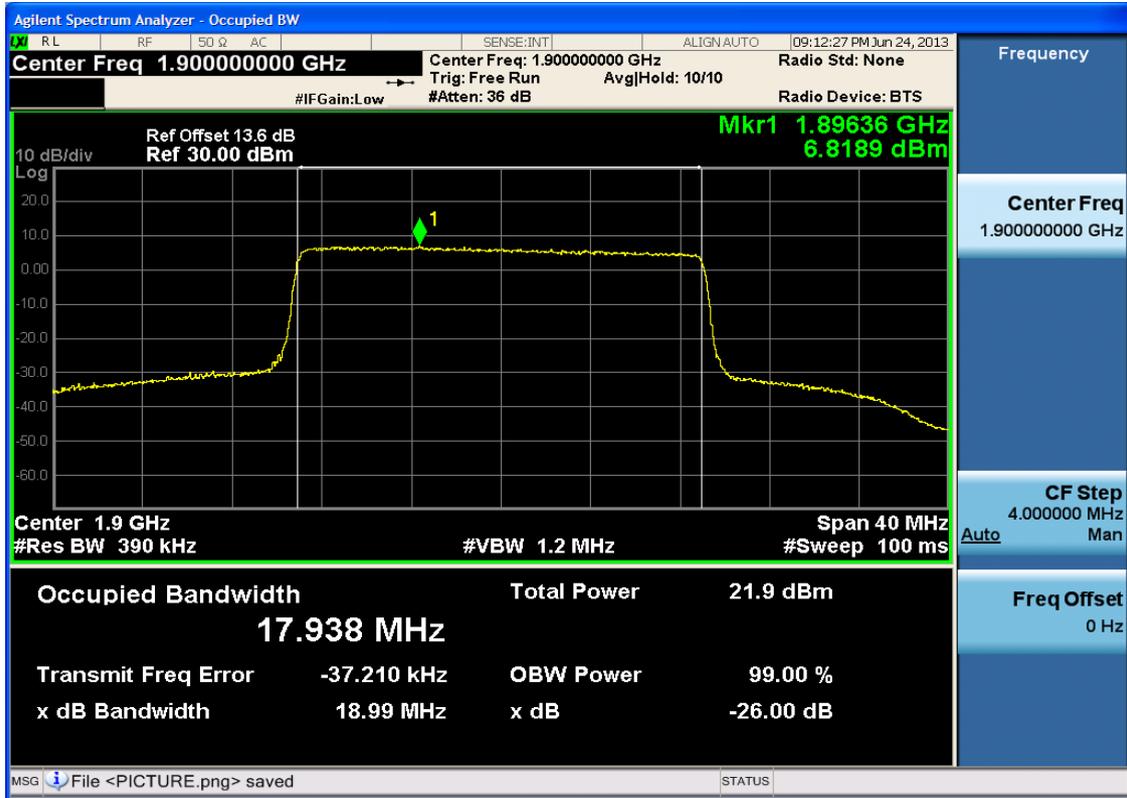
4.3.1.2.6.2 Test Channel = MCH

4.3.1.2.6.2.1 Test RB = RB100#0



4.3.1.2.6.3 Test Channel = HCH

4.3.1.2.6.3.1 Test RB = RB100#0



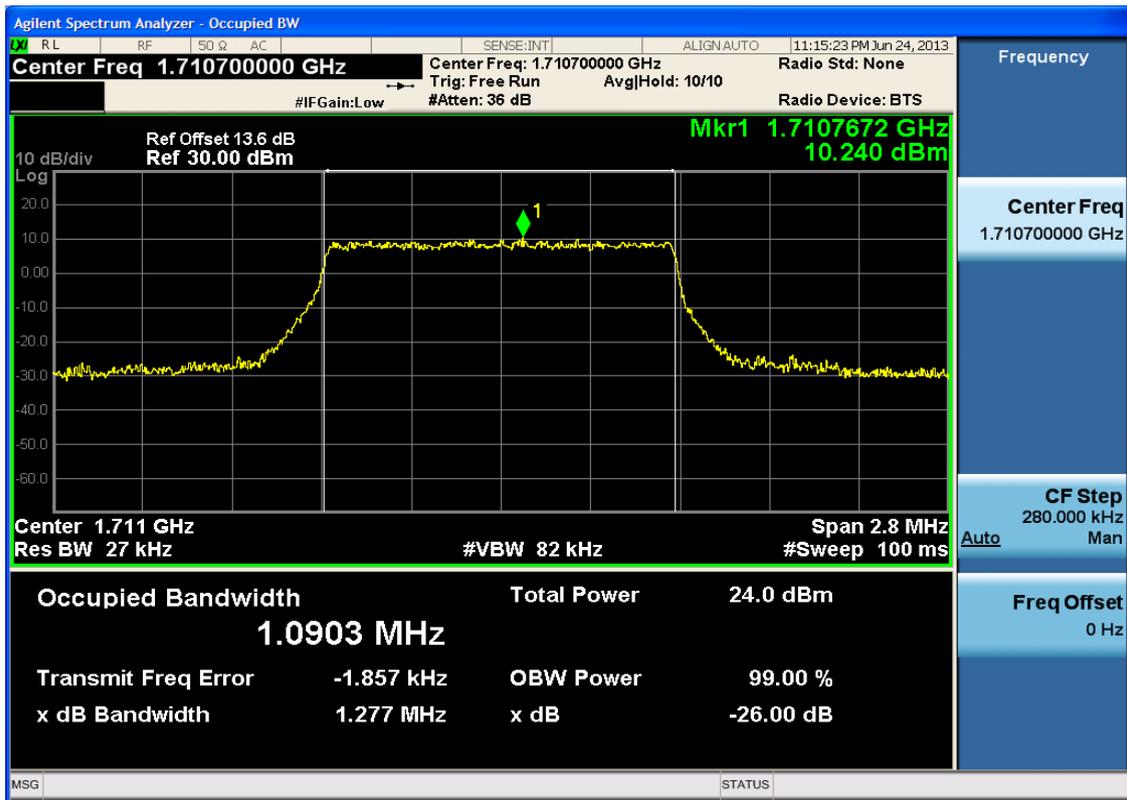
4.3.2 Test Band = BAND4

4.3.2.1 Test Mode = LTE/TM1

4.3.2.1.1 Test Bandwidth = 1.4

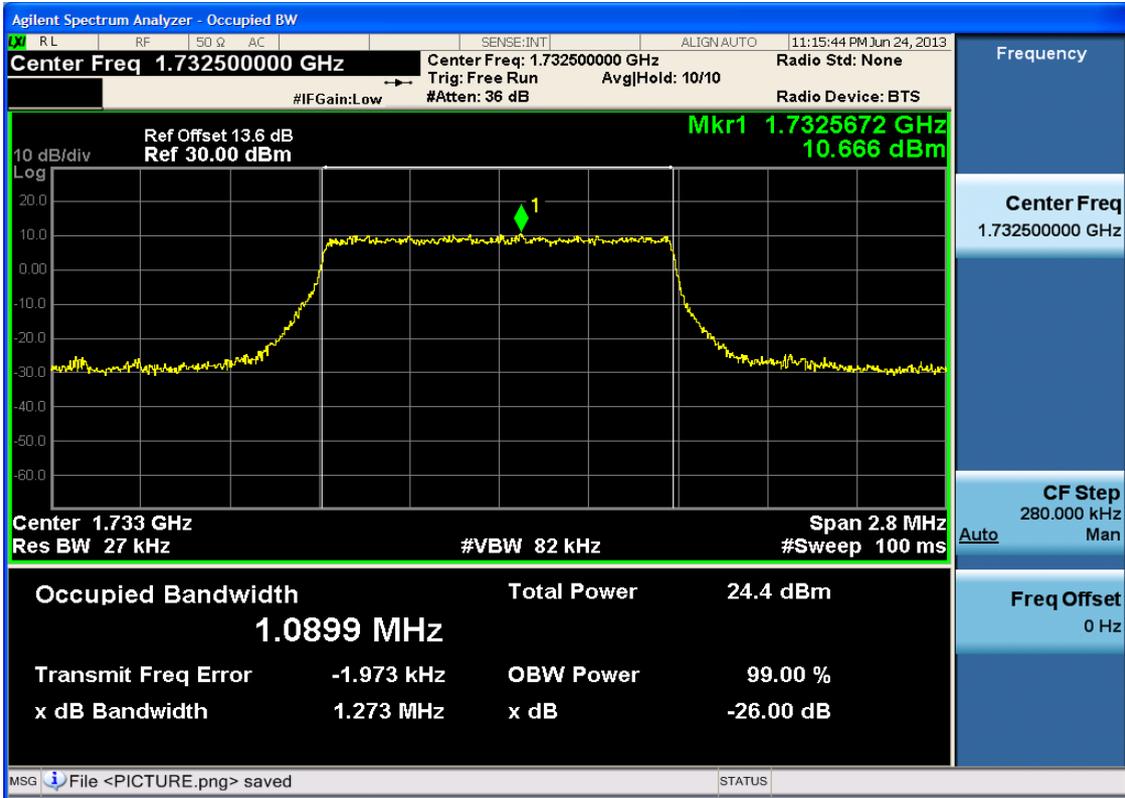
4.3.2.1.1.1 Test Channel = LCH

4.3.2.1.1.1.1 Test RB = RB6#0



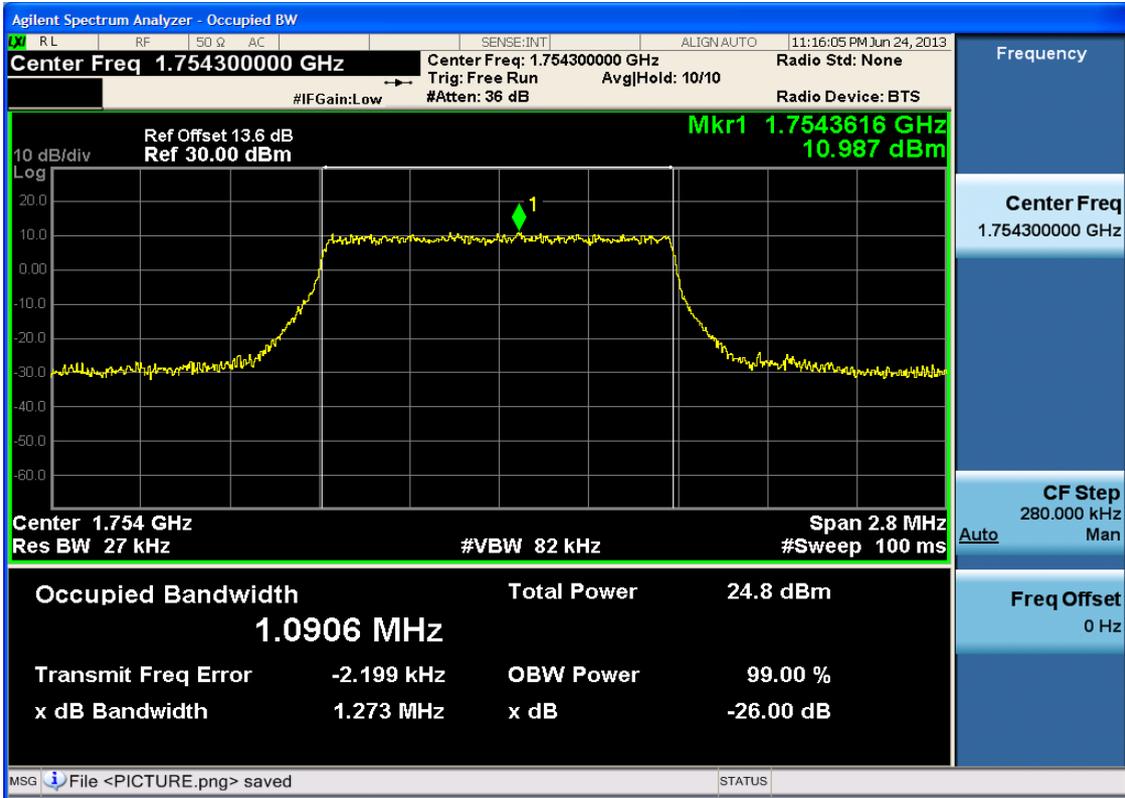
4.3.2.1.1.2 Test Channel = MCH

4.3.2.1.1.2.1 Test RB = RB6#0



4.3.2.1.1.3 Test Channel = HCH

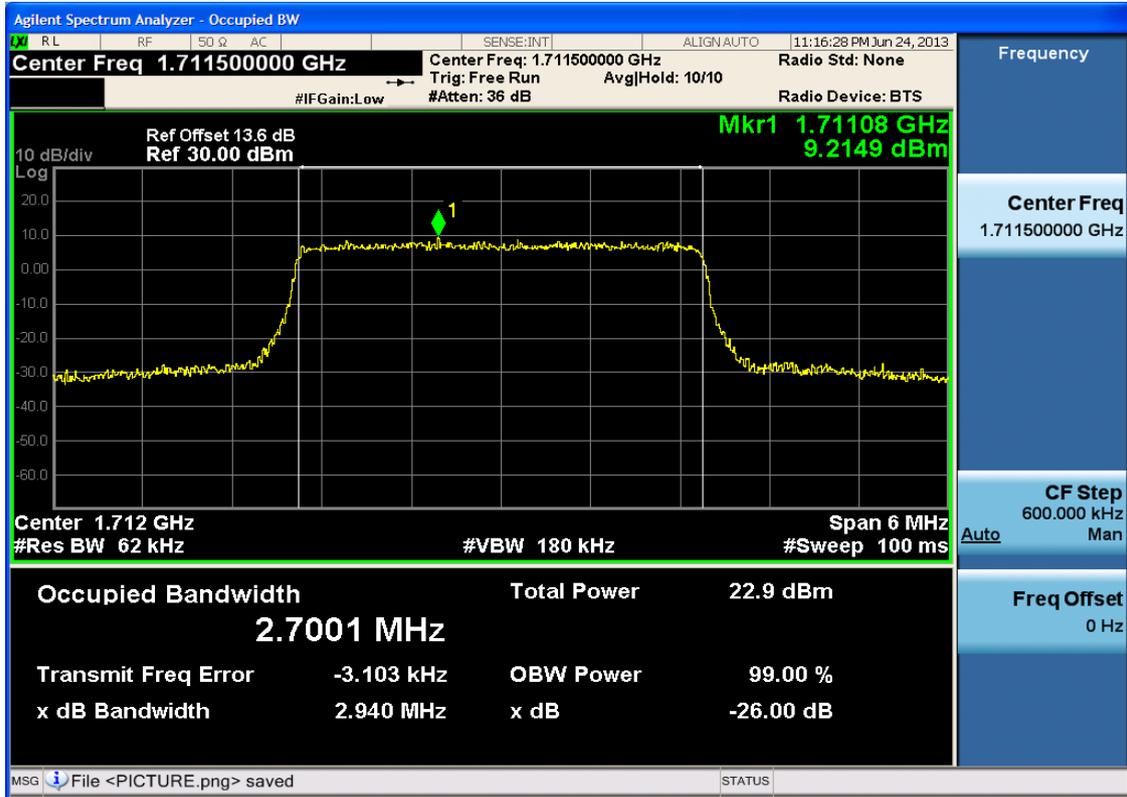
4.3.2.1.1.3.1 Test RB = RB6#0



4.3.2.1.2 Test Bandwidth = 3

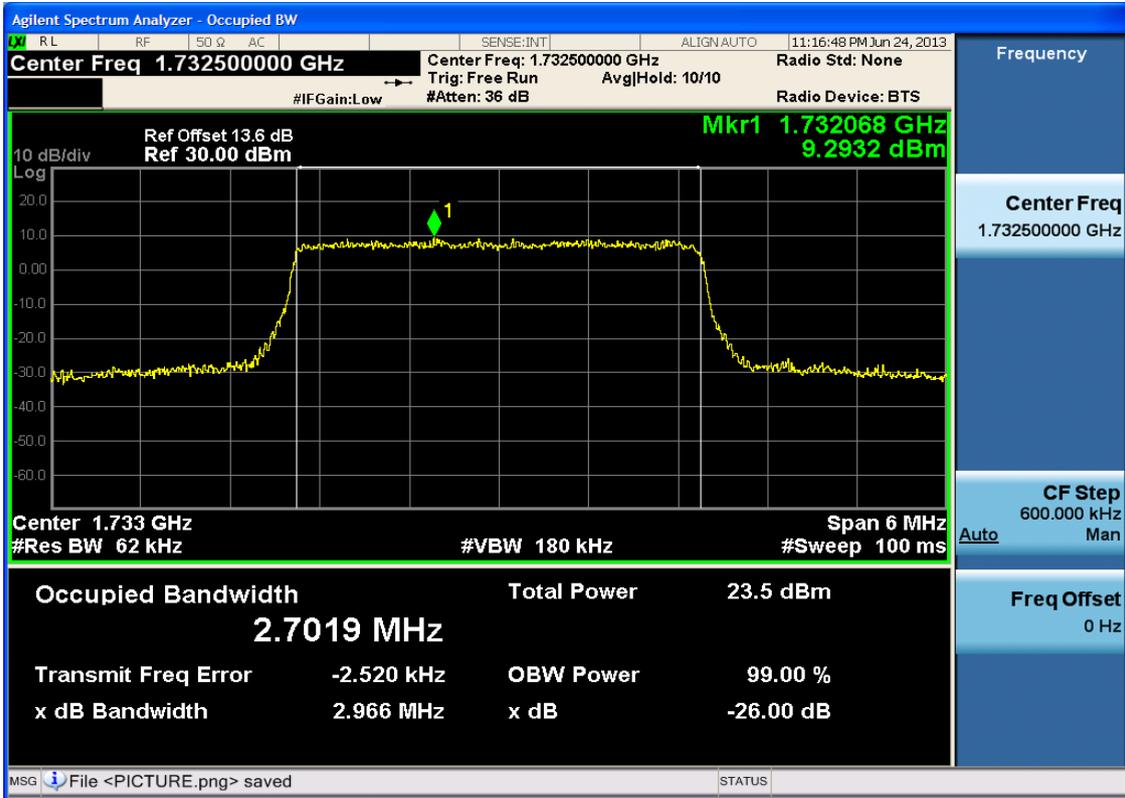
4.3.2.1.2.1 Test Channel = LCH

4.3.2.1.2.1.1 Test RB = RB15#0



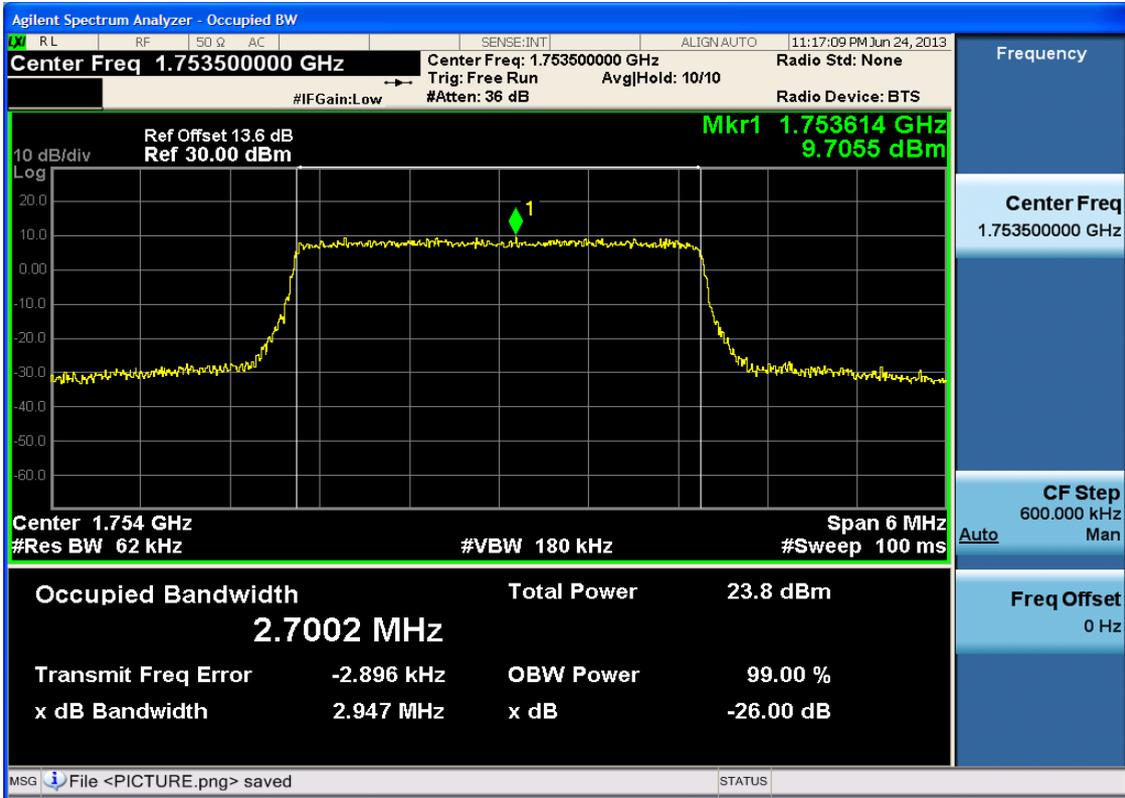
4.3.2.1.2.2 Test Channel = MCH

4.3.2.1.2.2.1 Test RB = RB15#0



4.3.2.1.2.3 Test Channel = HCH

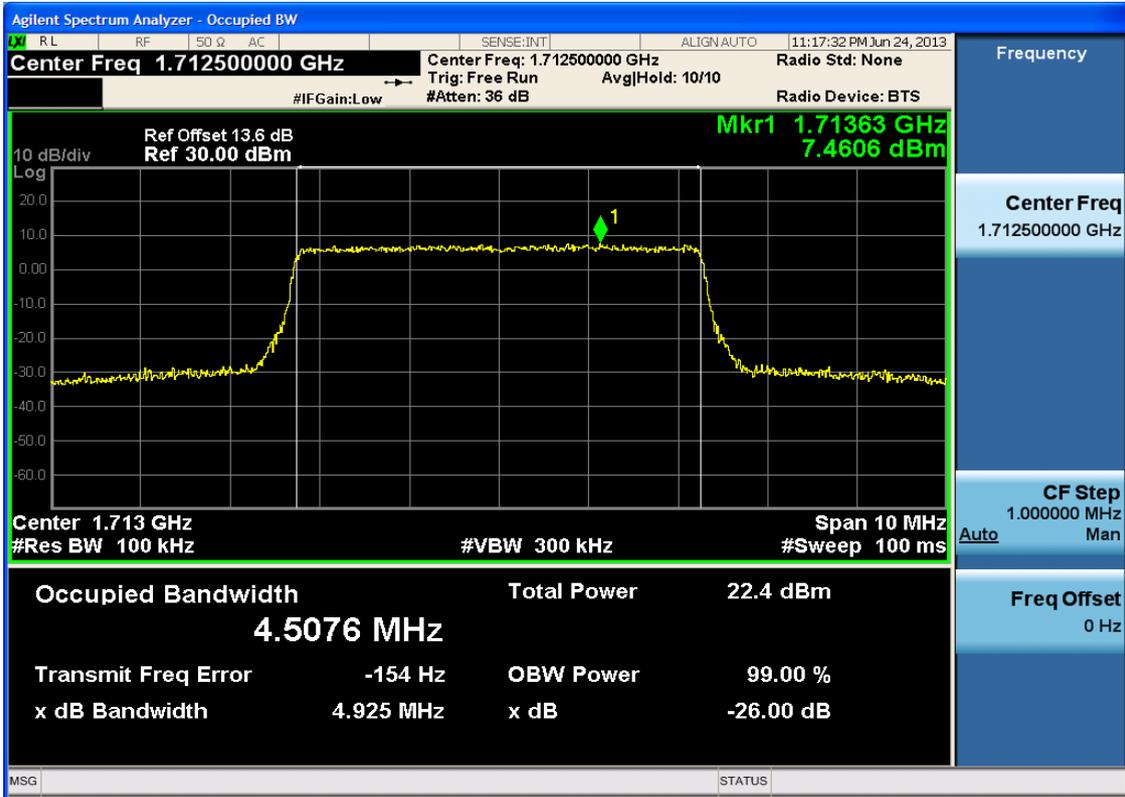
4.3.2.1.2.3.1 Test RB = RB15#0



4.3.2.1.3 Test Bandwidth = 5

4.3.2.1.3.1 Test Channel = LCH

4.3.2.1.3.1.1 Test RB = RB25#0



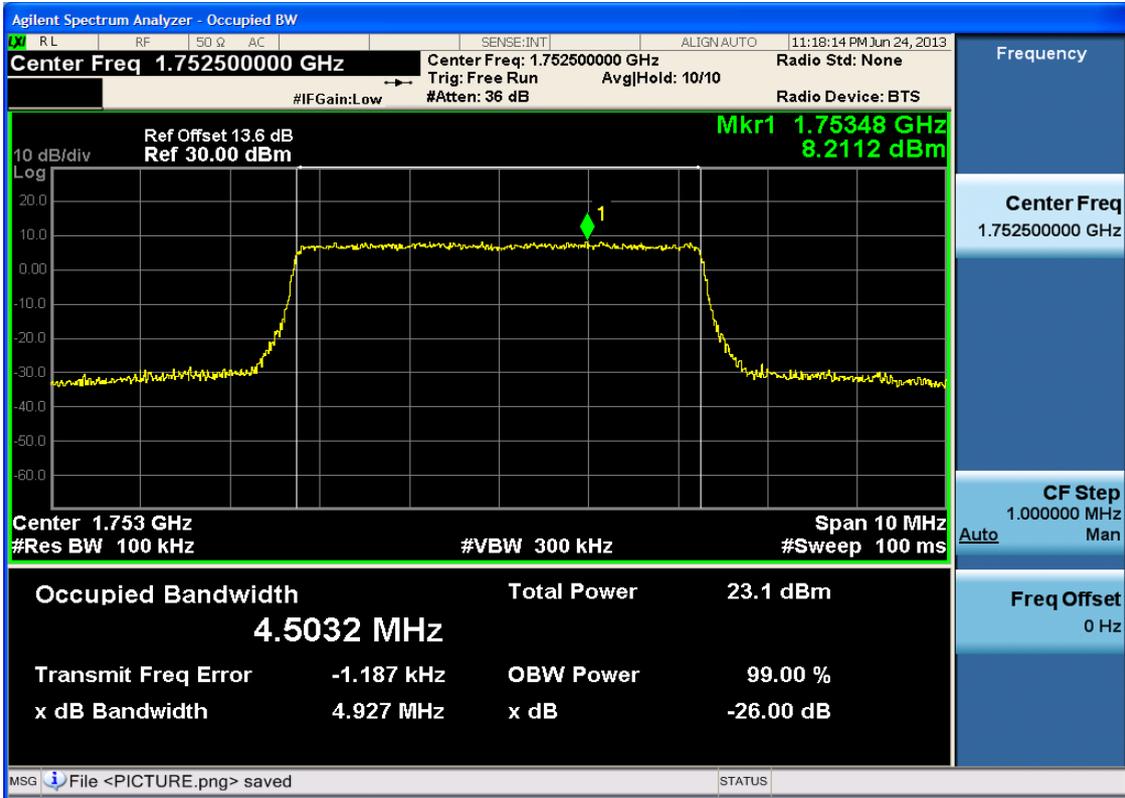
4.3.2.1.3.2 Test Channel = MCH

4.3.2.1.3.2.1 Test RB = RB25#0



4.3.2.1.3.3 Test Channel = HCH

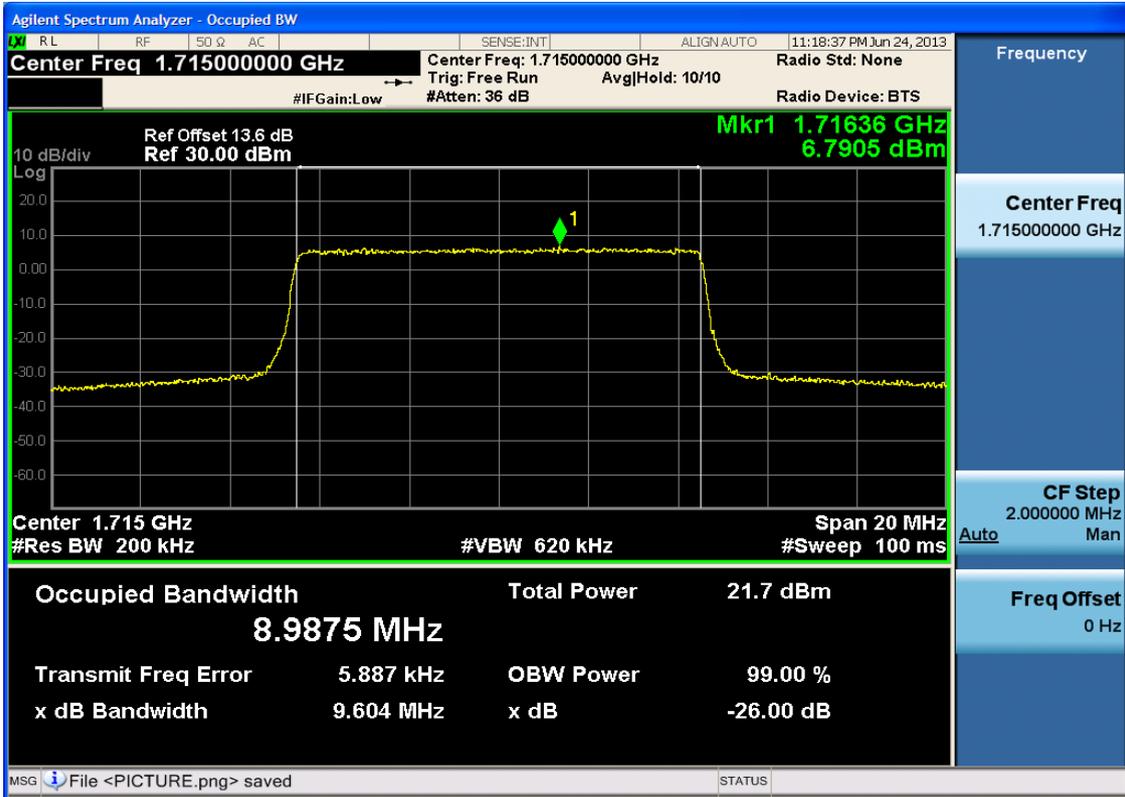
4.3.2.1.3.3.1 Test RB = RB25#0



4.3.2.1.4 Test Bandwidth = 10

4.3.2.1.4.1 Test Channel = LCH

4.3.2.1.4.1.1 Test RB = RB50#0



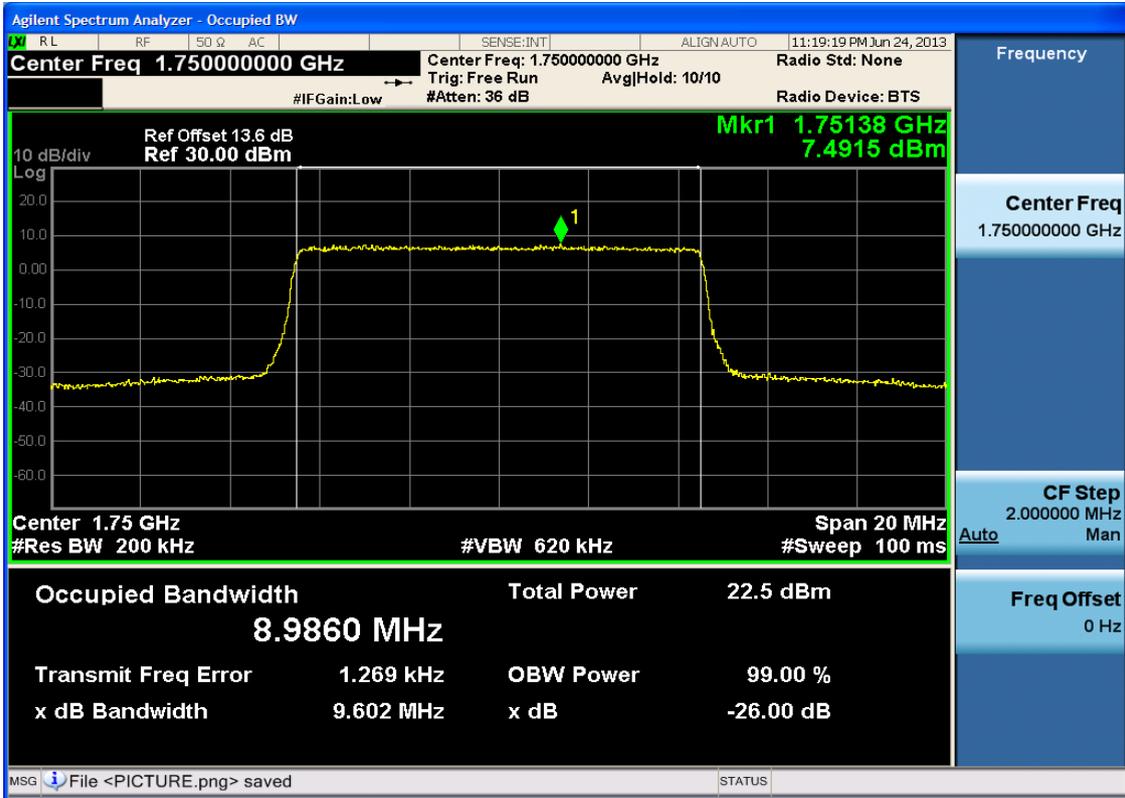
4.3.2.1.4.2 Test Channel = MCH

4.3.2.1.4.2.1 Test RB = RB50#0



4.3.2.1.4.3 Test Channel = HCH

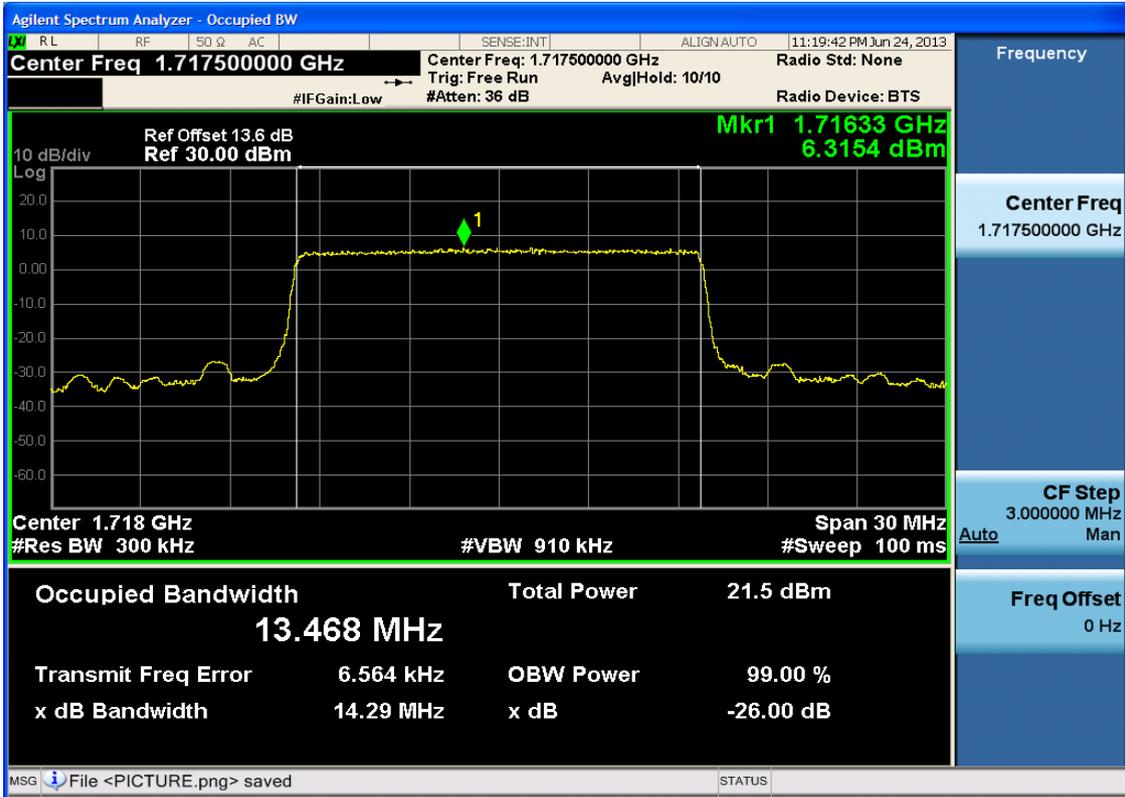
4.3.2.1.4.3.1 Test RB = RB50#0



4.3.2.1.5 Test Bandwidth = 15

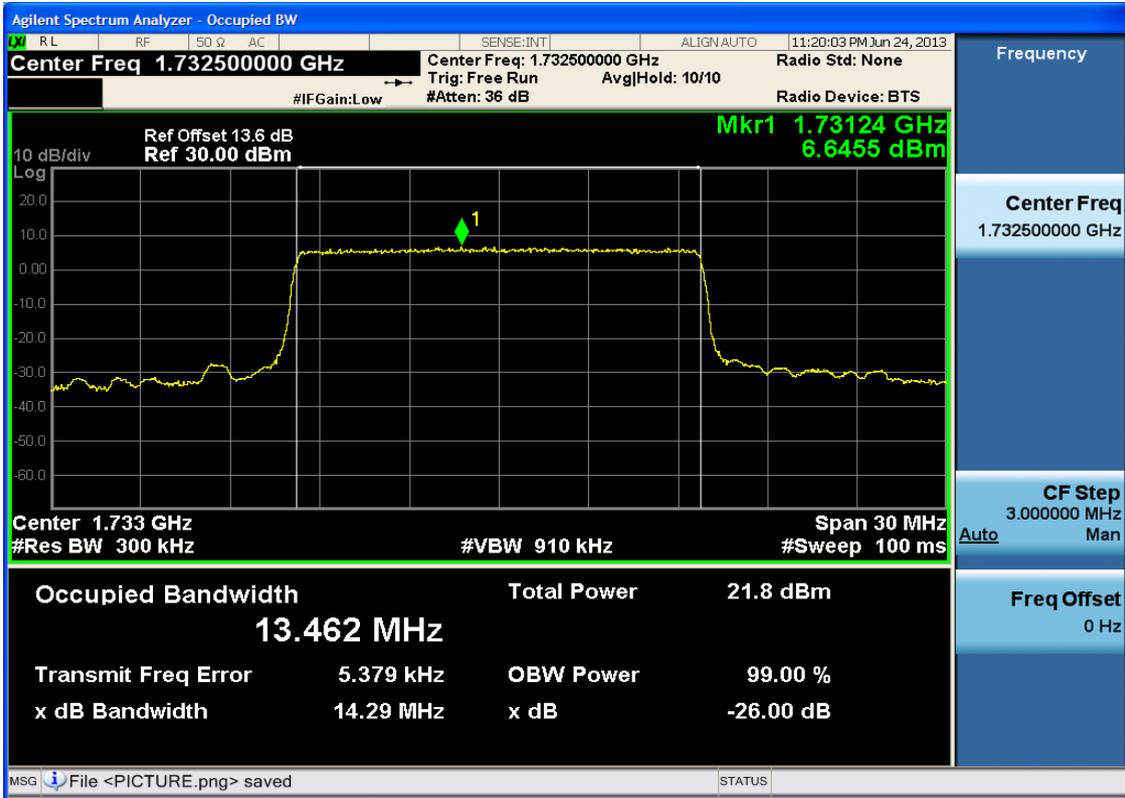
4.3.2.1.5.1 Test Channel = LCH

4.3.2.1.5.1.1 Test RB = RB75#0



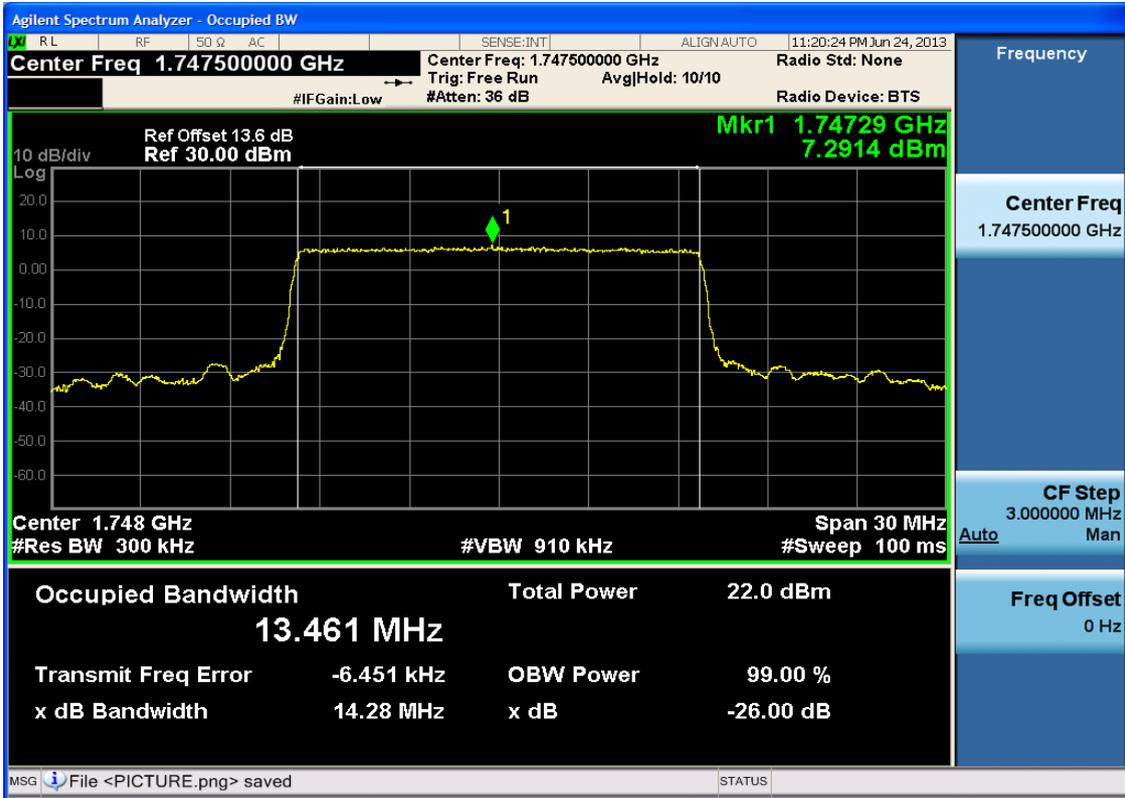
4.3.2.1.5.2 Test Channel = MCH

4.3.2.1.5.2.1 Test RB = RB75#0



4.3.2.1.5.3 Test Channel = HCH

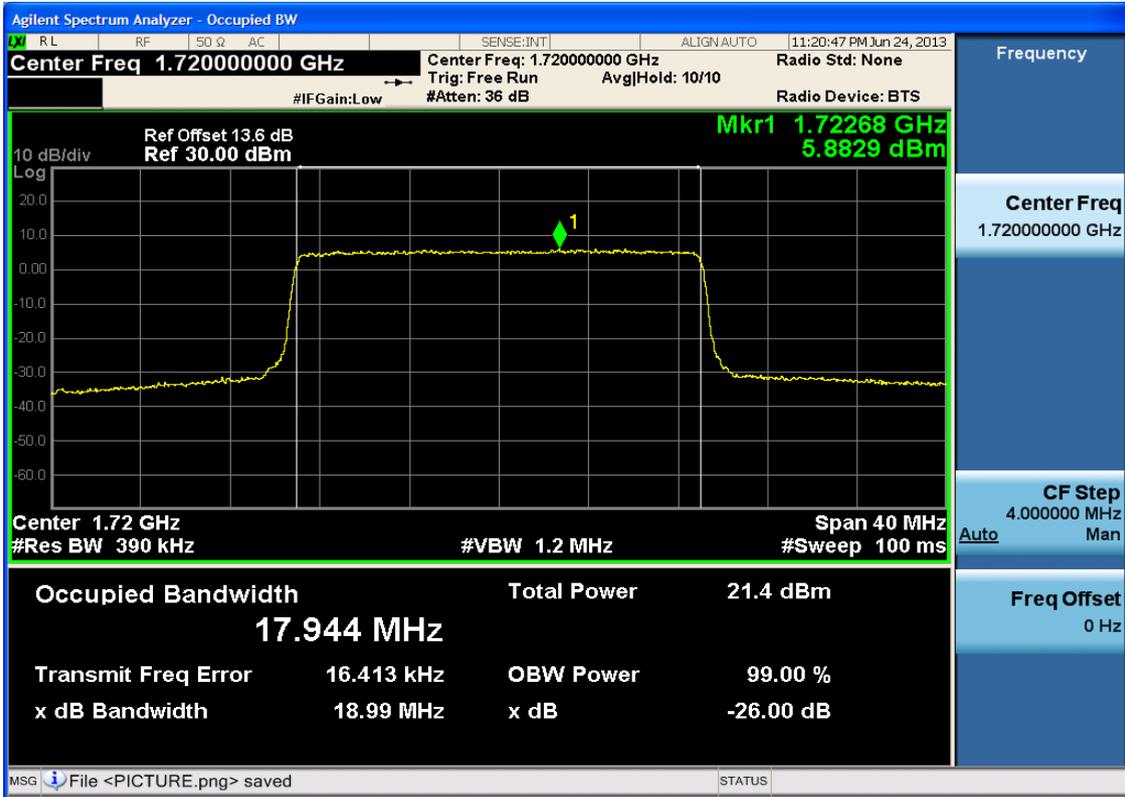
4.3.2.1.5.3.1 Test RB = RB75#0



4.3.2.1.6 Test Bandwidth = 20

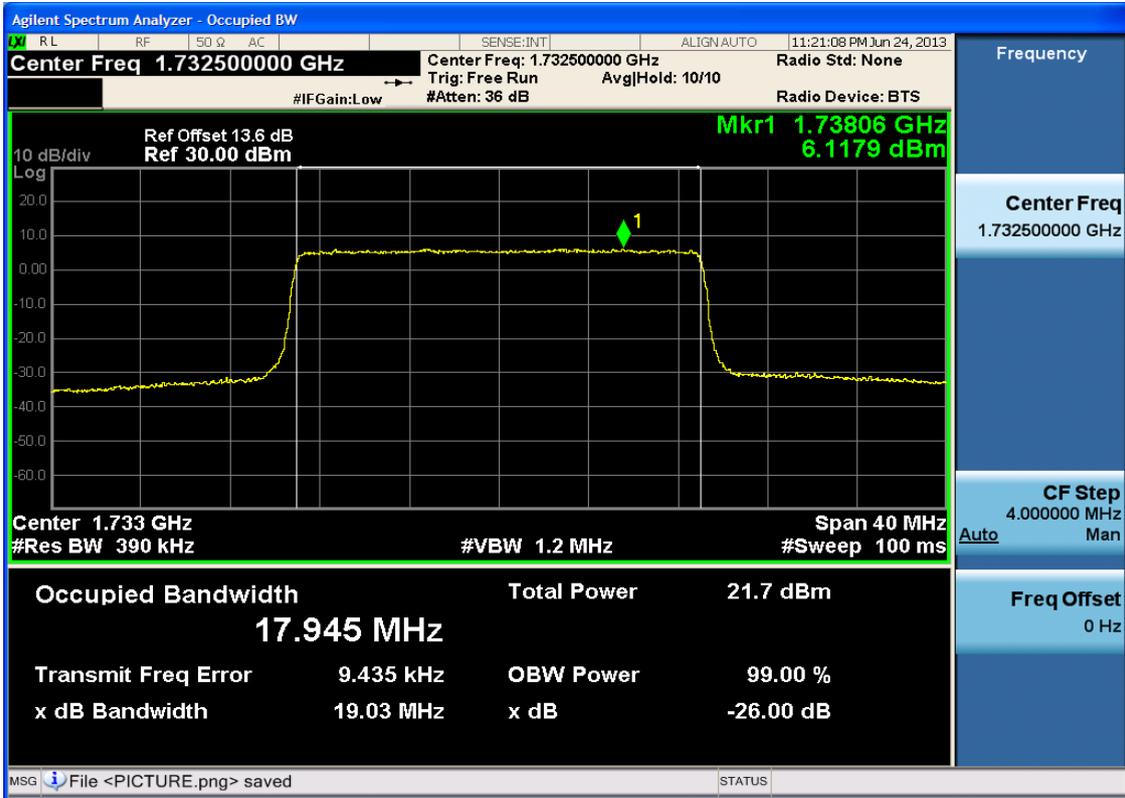
4.3.2.1.6.1 Test Channel = LCH

4.3.2.1.6.1.1 Test RB = RB100#0



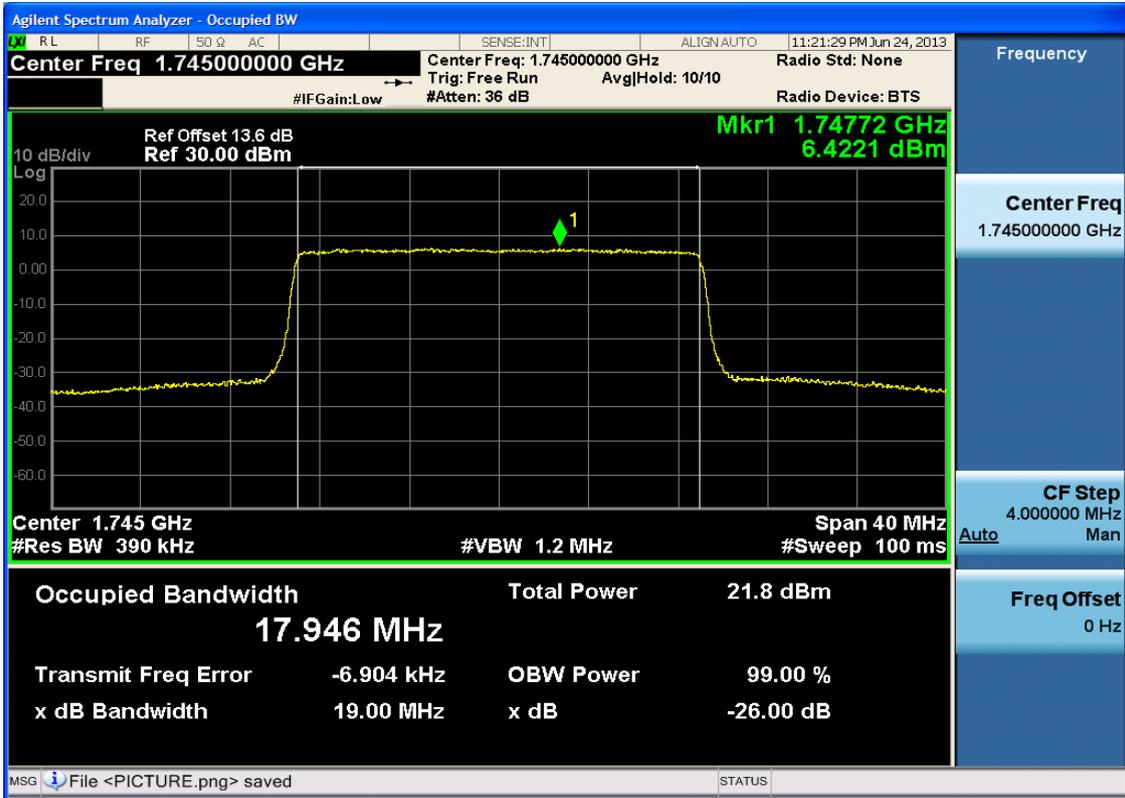
4.3.2.1.6.2 Test Channel = MCH

4.3.2.1.6.2.1 Test RB = RB100#0



4.3.2.1.6.3 Test Channel = HCH

4.3.2.1.6.3.1 Test RB = RB100#0

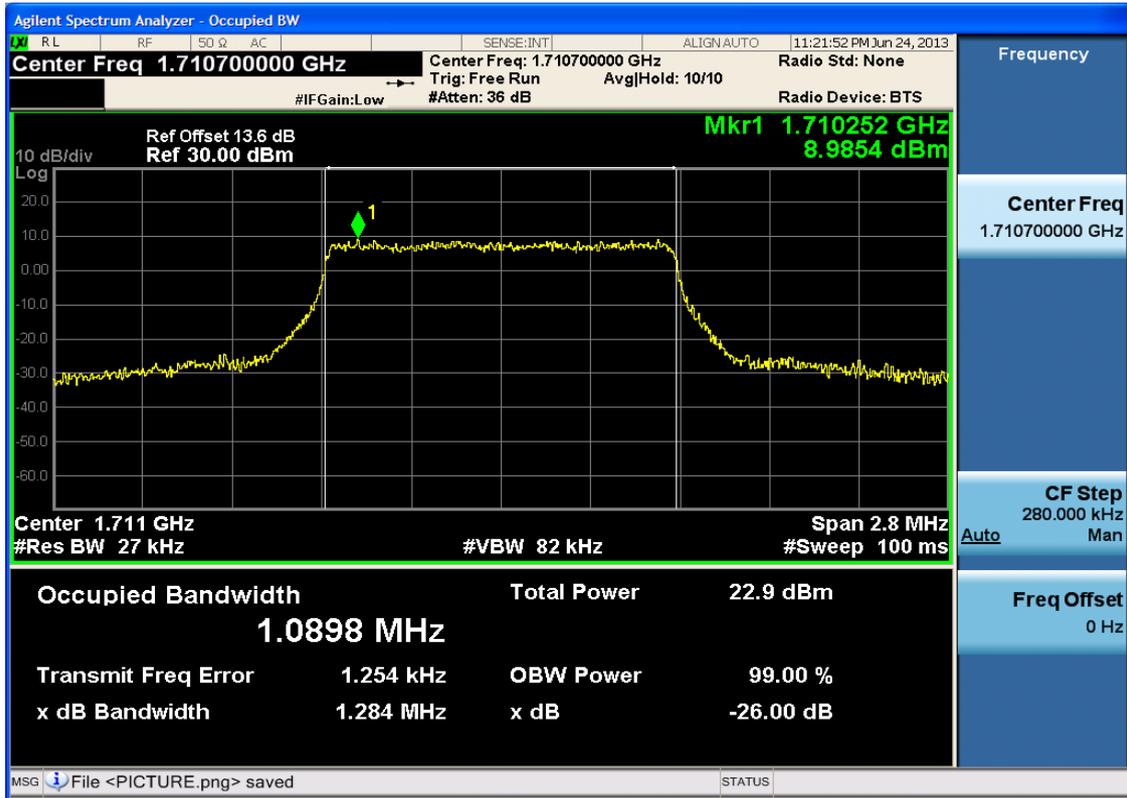


4.3.2.2 Test Mode = LTE/TM2

4.3.2.2.1 Test Bandwidth = 1.4

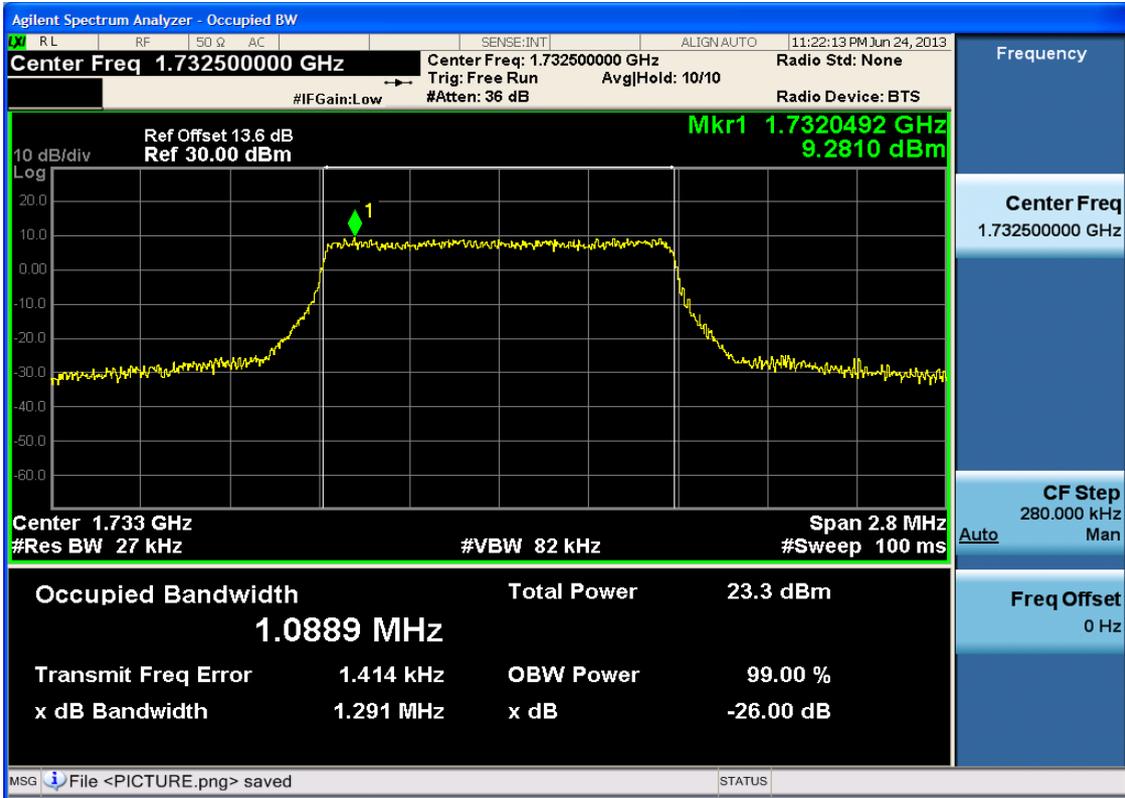
4.3.2.2.1.1 Test Channel = LCH

4.3.2.2.1.1.1 Test RB = RB6#0



4.3.2.2.1.2 Test Channel = MCH

4.3.2.2.1.2.1 Test RB = RB6#0



4.3.2.2.1.3 Test Channel = HCH

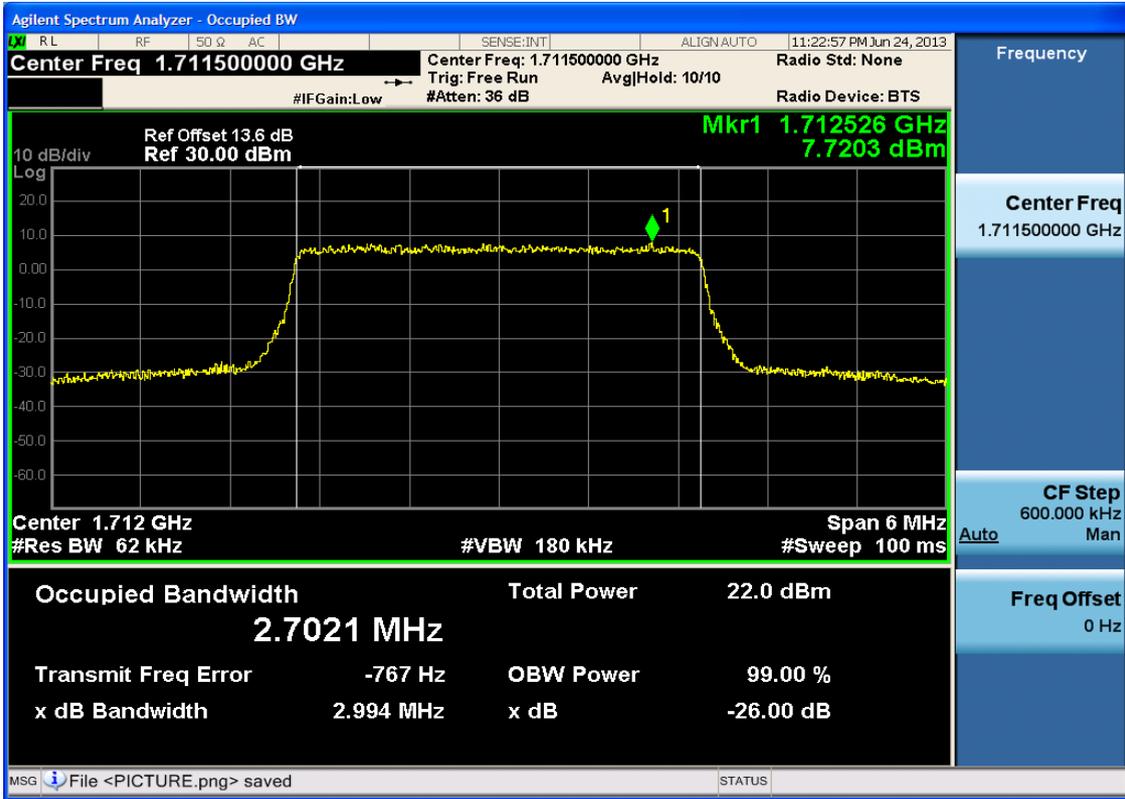
4.3.2.2.1.3.1 Test RB = RB6#0



4.3.2.2.2 Test Bandwidth = 3

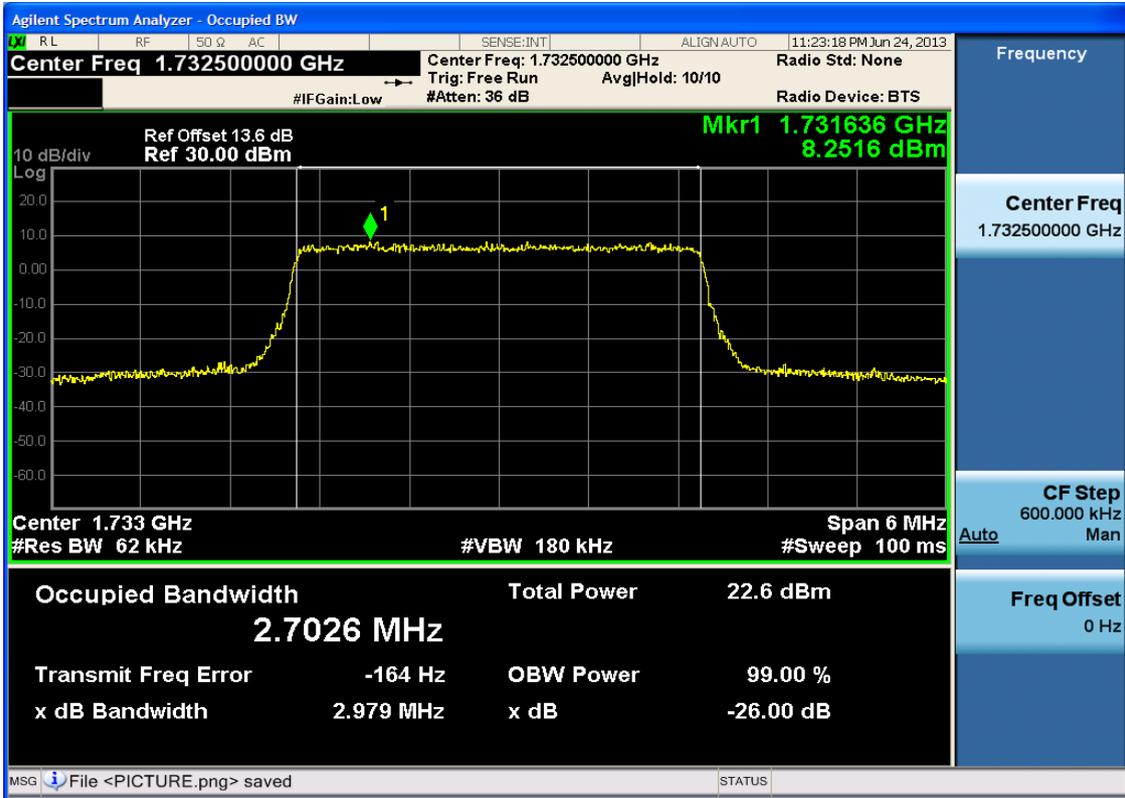
4.3.2.2.2.1 Test Channel = LCH

4.3.2.2.2.1.1 Test RB = RB15#0



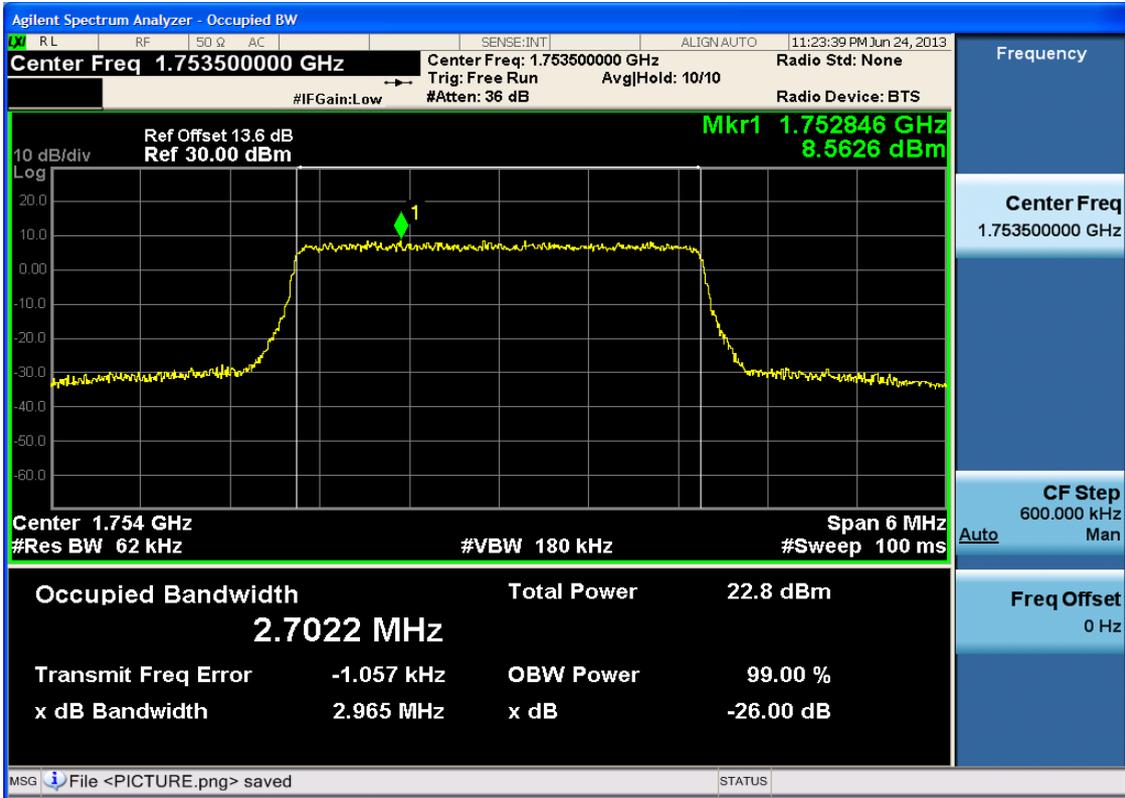
4.3.2.2.2 Test Channel = MCH

4.3.2.2.2.1 Test RB = RB15#0



4.3.2.2.2.3 Test Channel = HCH

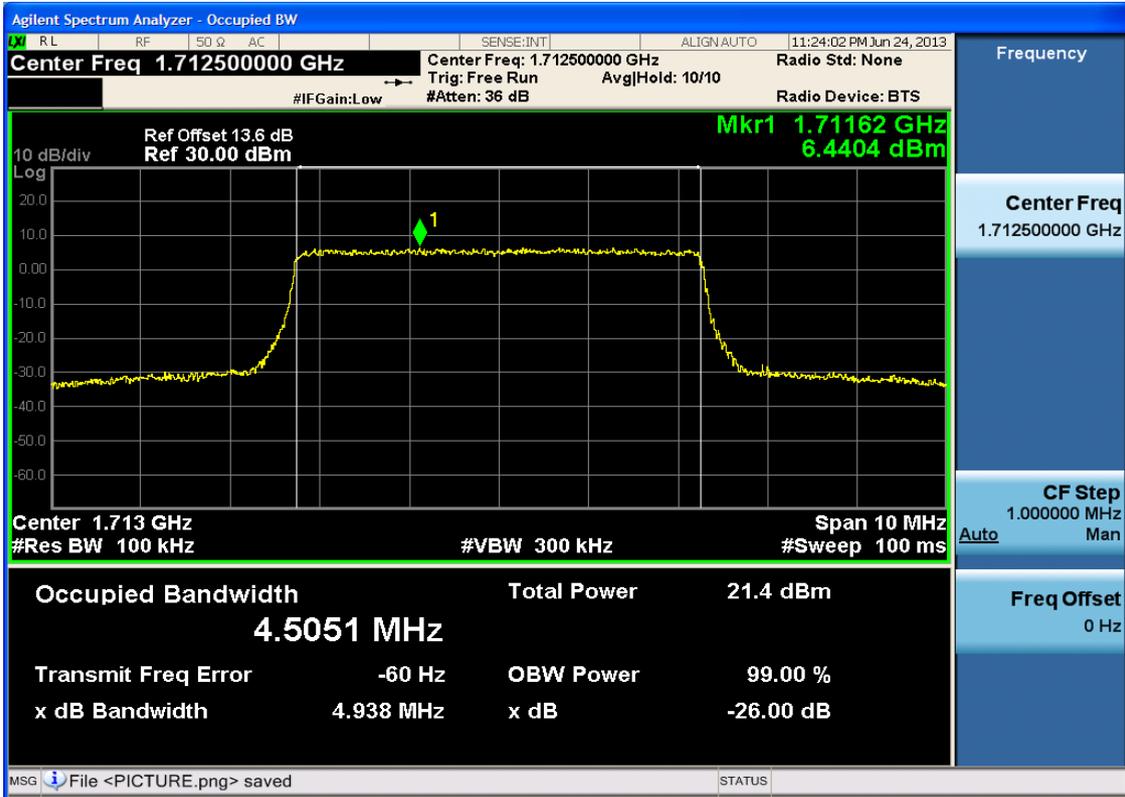
4.3.2.2.2.3.1 Test RB = RB15#0



4.3.2.2.3 Test Bandwidth = 5

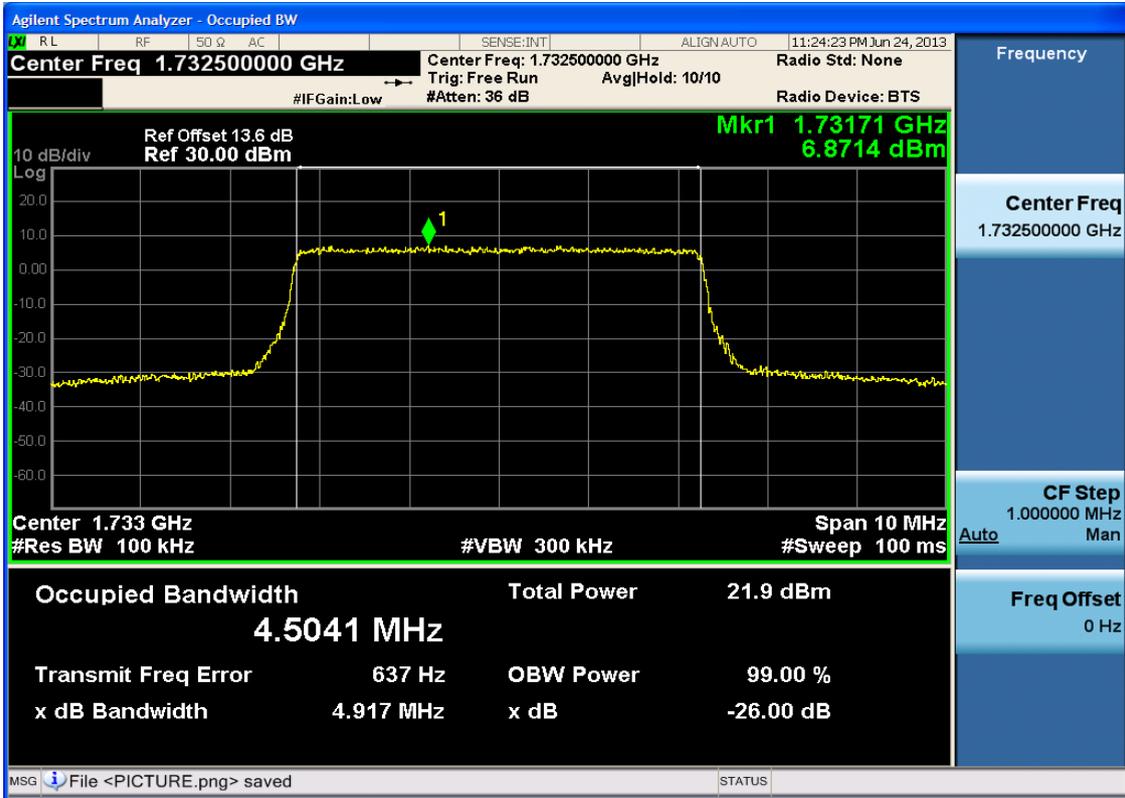
4.3.2.2.3.1 Test Channel = LCH

4.3.2.2.3.1.1 Test RB = RB25#0



4.3.2.2.3.2 Test Channel = MCH

4.3.2.2.3.2.1 Test RB = RB25#0



4.3.2.2.3.3 Test Channel = HCH

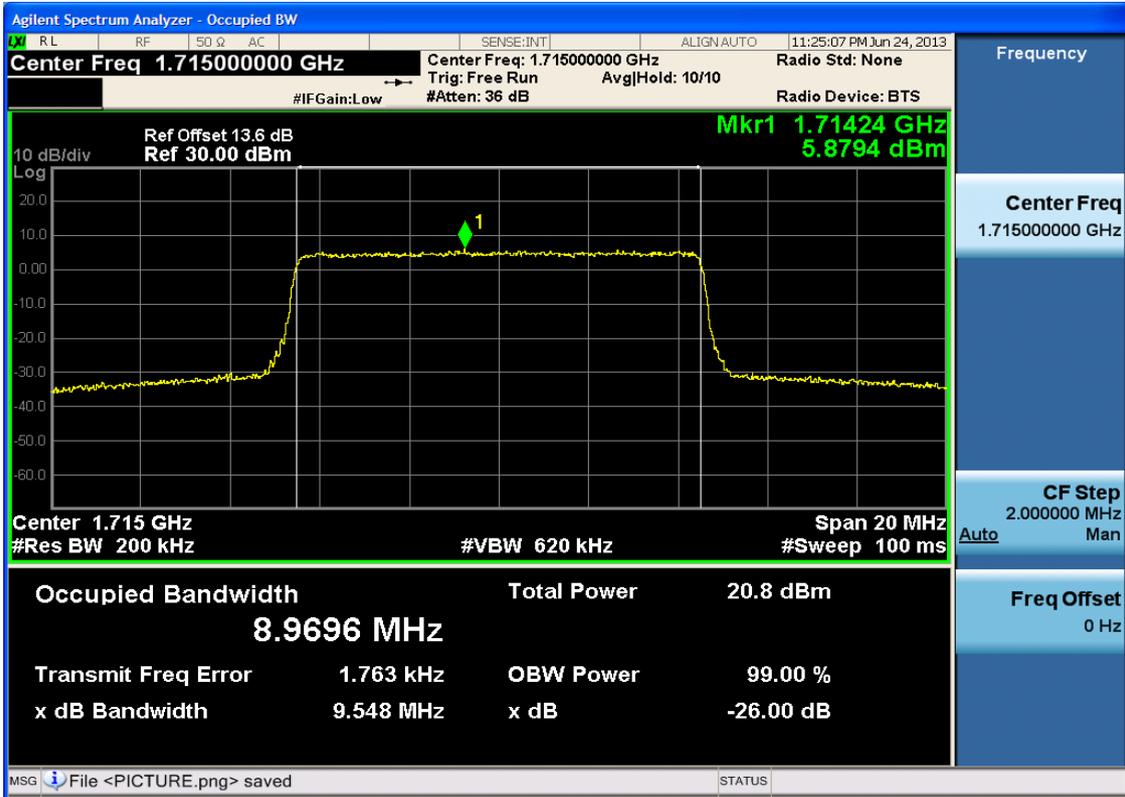
4.3.2.2.3.3.1 Test RB = RB25#0



4.3.2.2.4 Test Bandwidth = 10

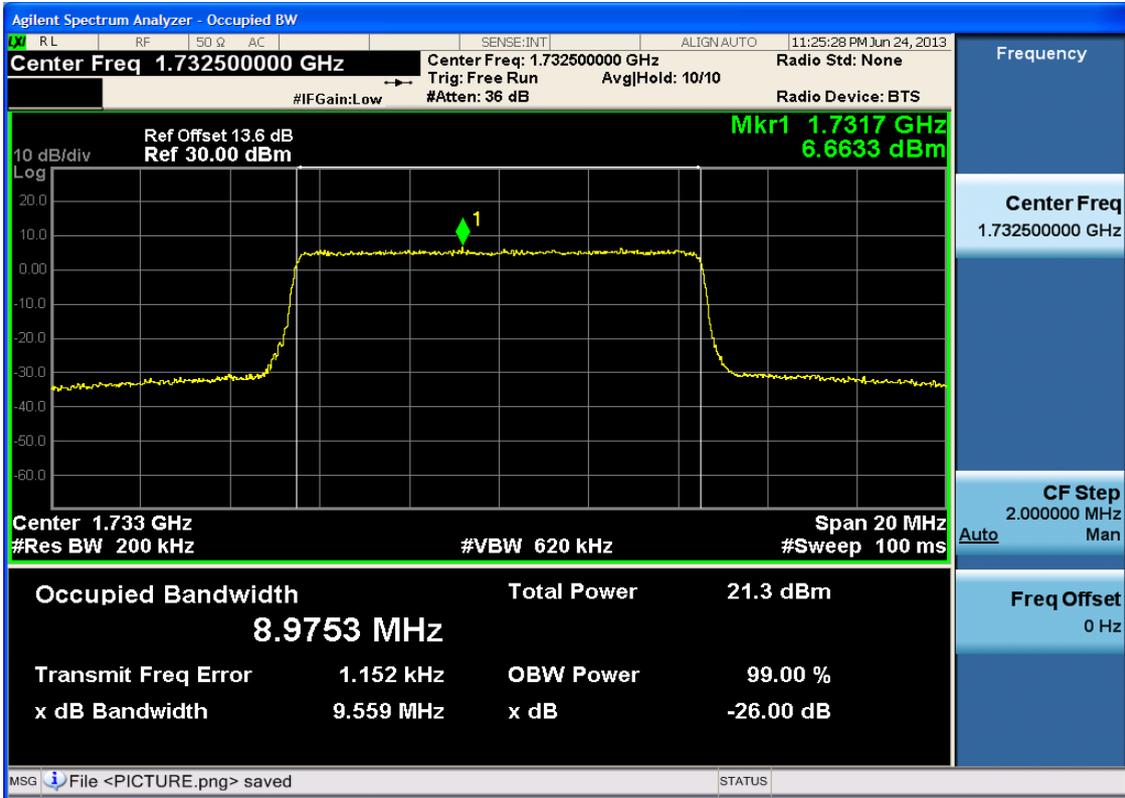
4.3.2.2.4.1 Test Channel = LCH

4.3.2.2.4.1.1 Test RB = RB50#0



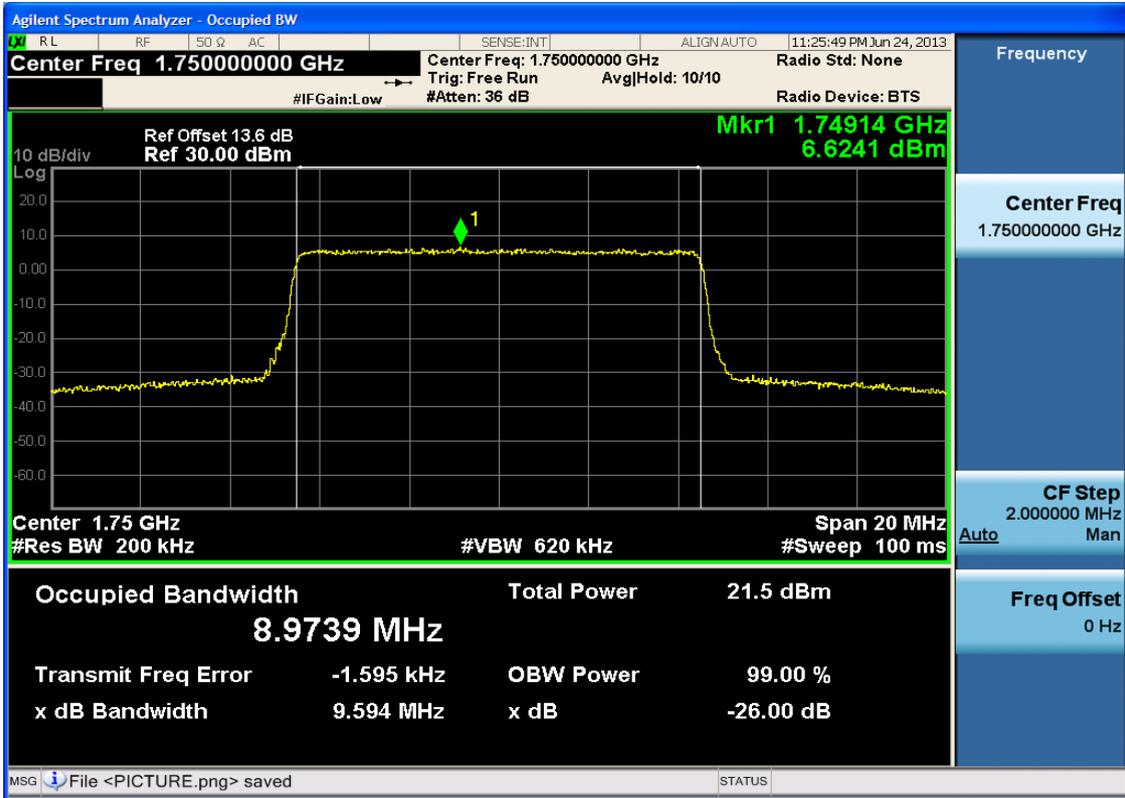
4.3.2.2.4.2 Test Channel = MCH

4.3.2.2.4.2.1 Test RB = RB50#0



4.3.2.2.4.3 Test Channel = HCH

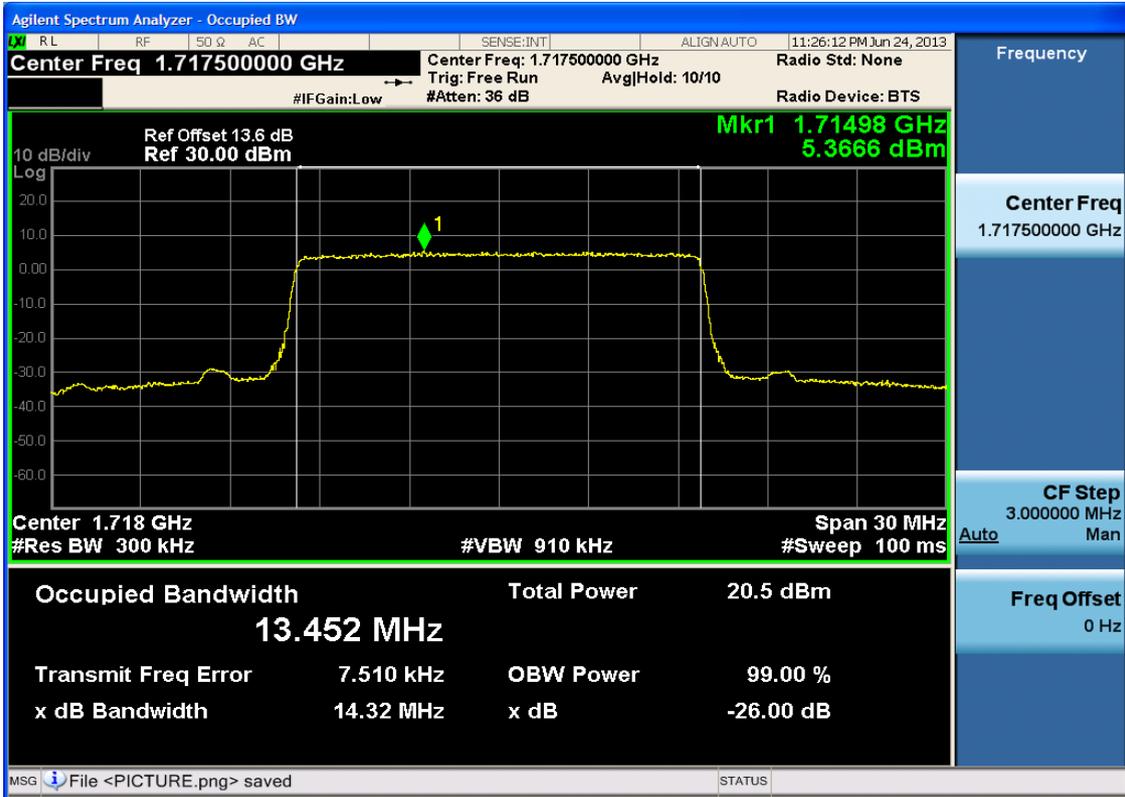
4.3.2.2.4.3.1 Test RB = RB50#0



4.3.2.2.5 Test Bandwidth = 15

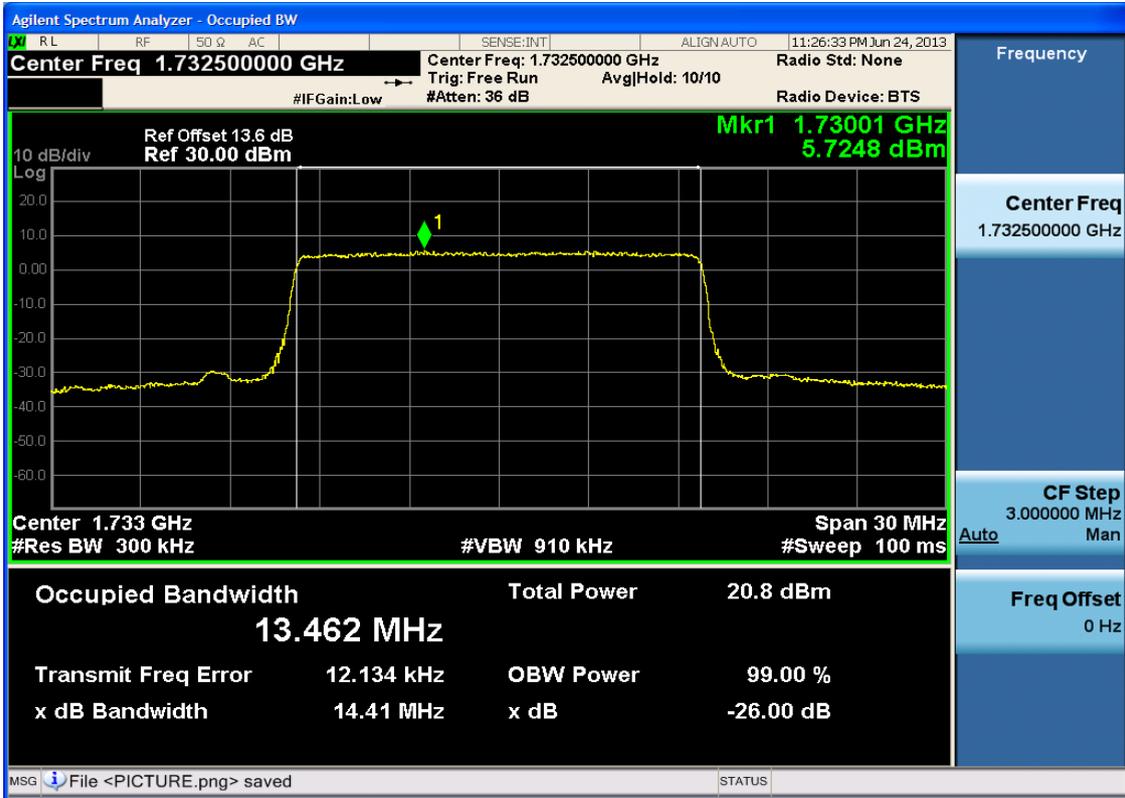
4.3.2.2.5.1 Test Channel = LCH

4.3.2.2.5.1.1 Test RB = RB75#0



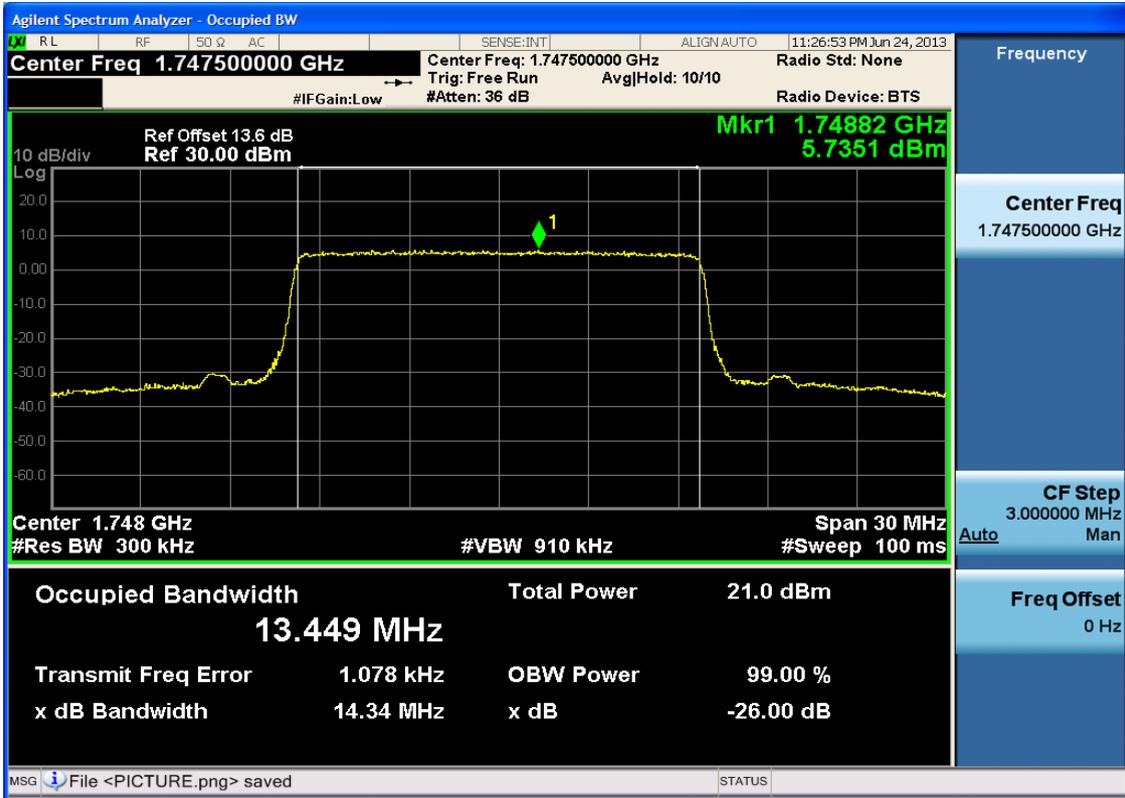
4.3.2.2.5.2 Test Channel = MCH

4.3.2.2.5.2.1 Test RB = RB75#0



4.3.2.2.5.3 Test Channel = HCH

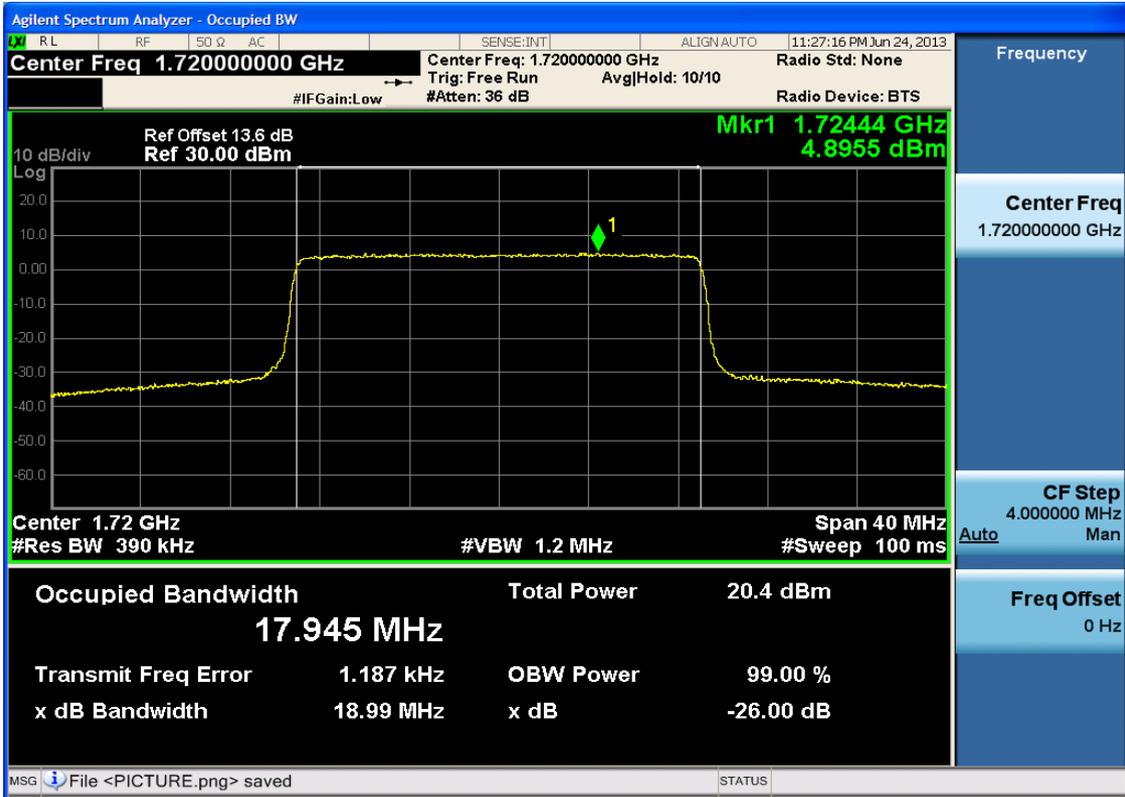
4.3.2.2.5.3.1 Test RB = RB75#0



4.3.2.2.6 Test Bandwidth = 20

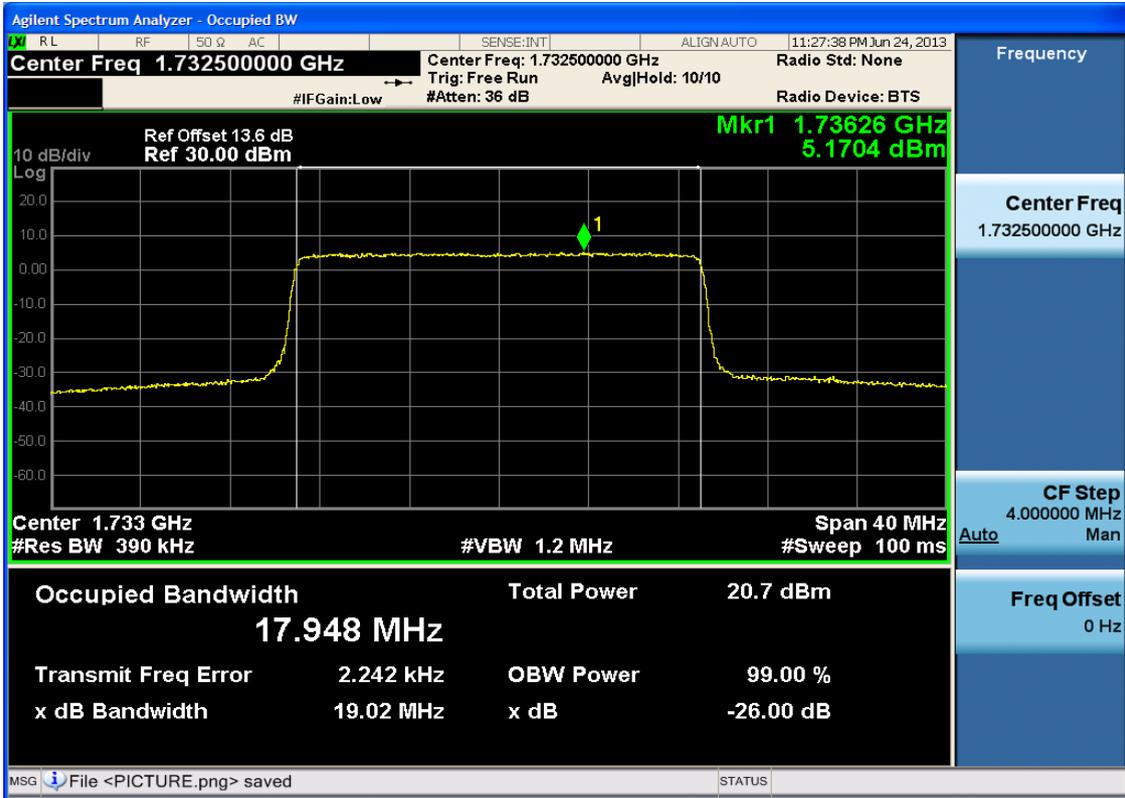
4.3.2.2.6.1 Test Channel = LCH

4.3.2.2.6.1.1 Test RB = RB100#0



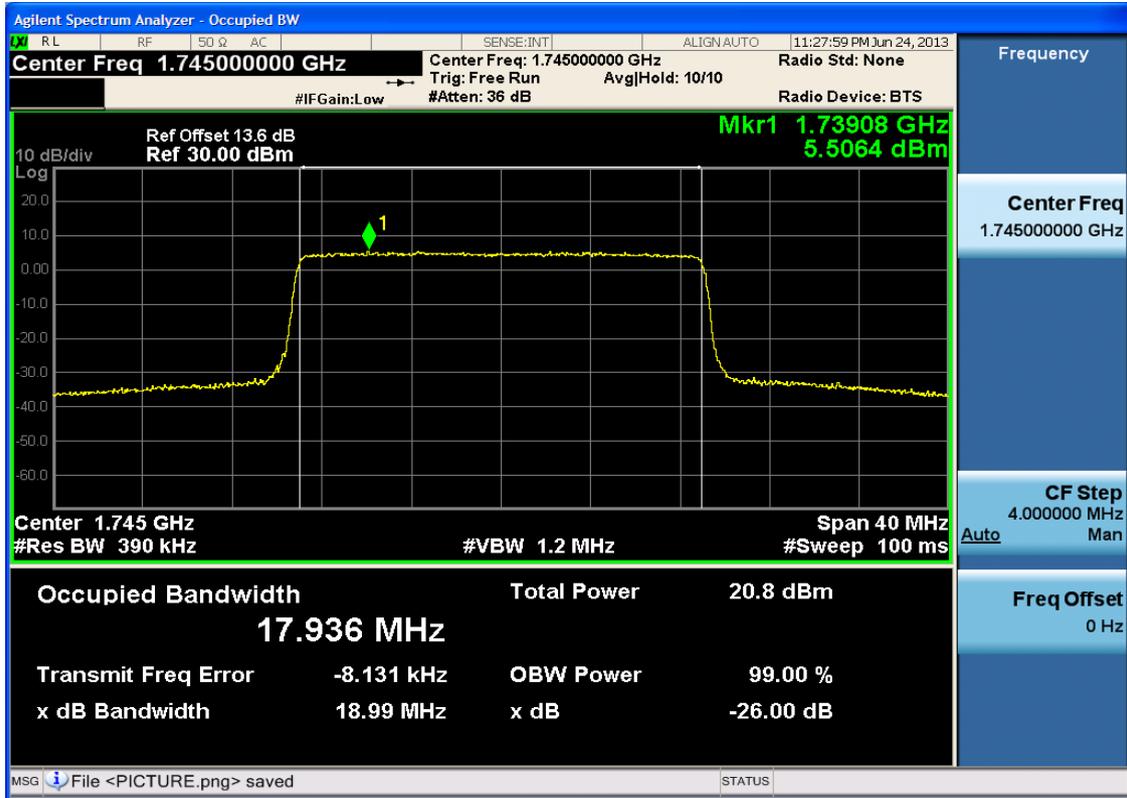
4.3.2.2.6.2 Test Channel = MCH

4.3.2.2.6.2.1 Test RB = RB100#0



4.3.2.2.6.3 Test Channel = HCH

4.3.2.2.6.3.1 Test RB = RB100#0





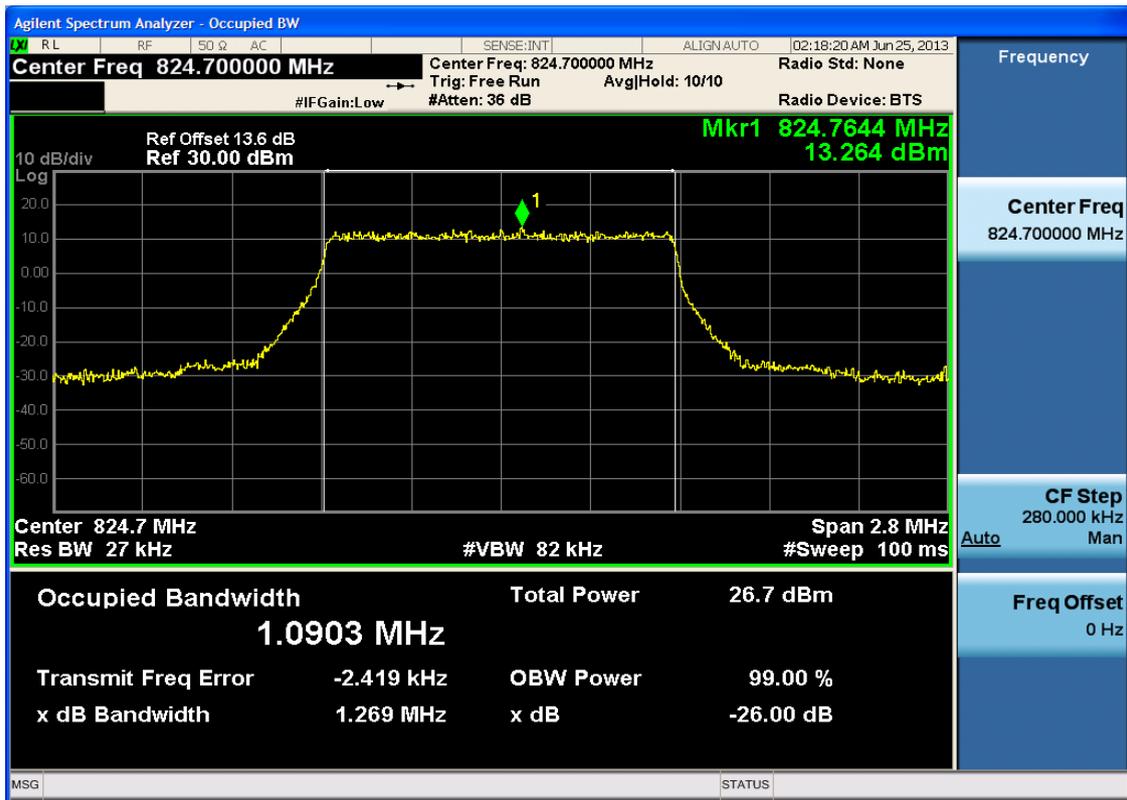
4.3.3 Test Band = BAND5

4.3.3.1 Test Mode = LTE/TM1

4.3.3.1.1 Test Bandwidth = 1.4

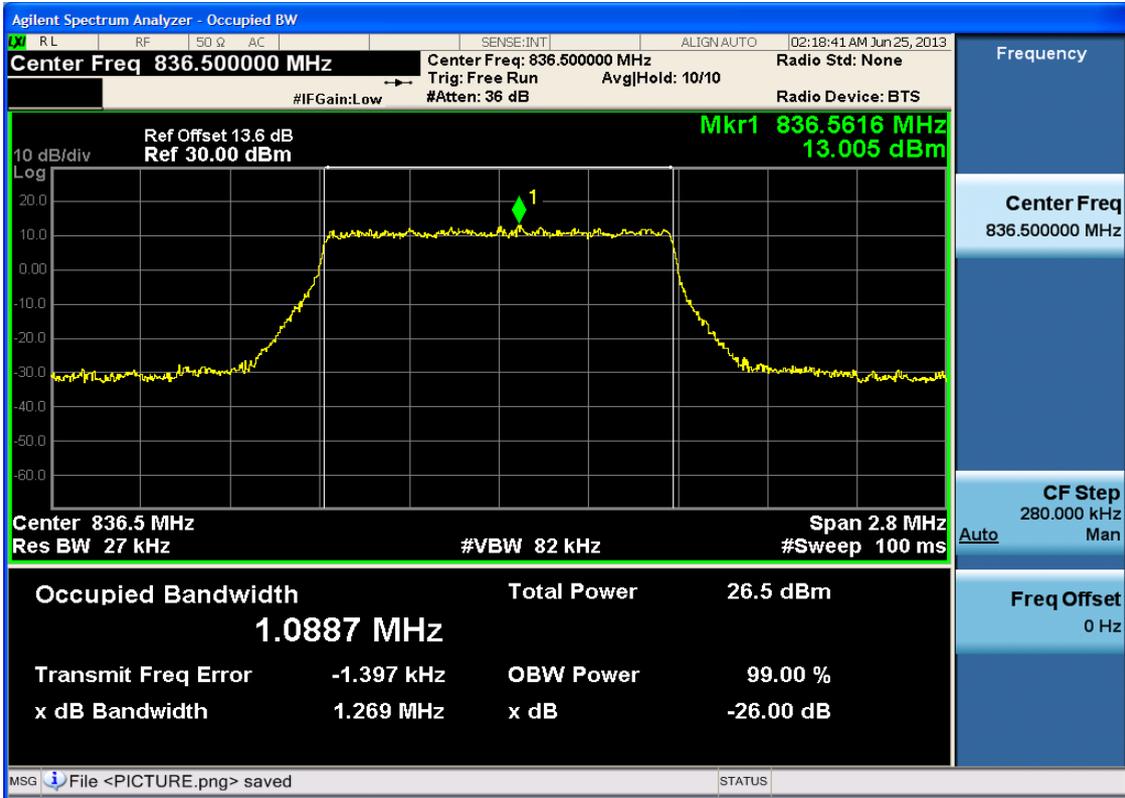
4.3.3.1.1.1 Test Channel = LCH

4.3.3.1.1.1.1 Test RB = RB6#0



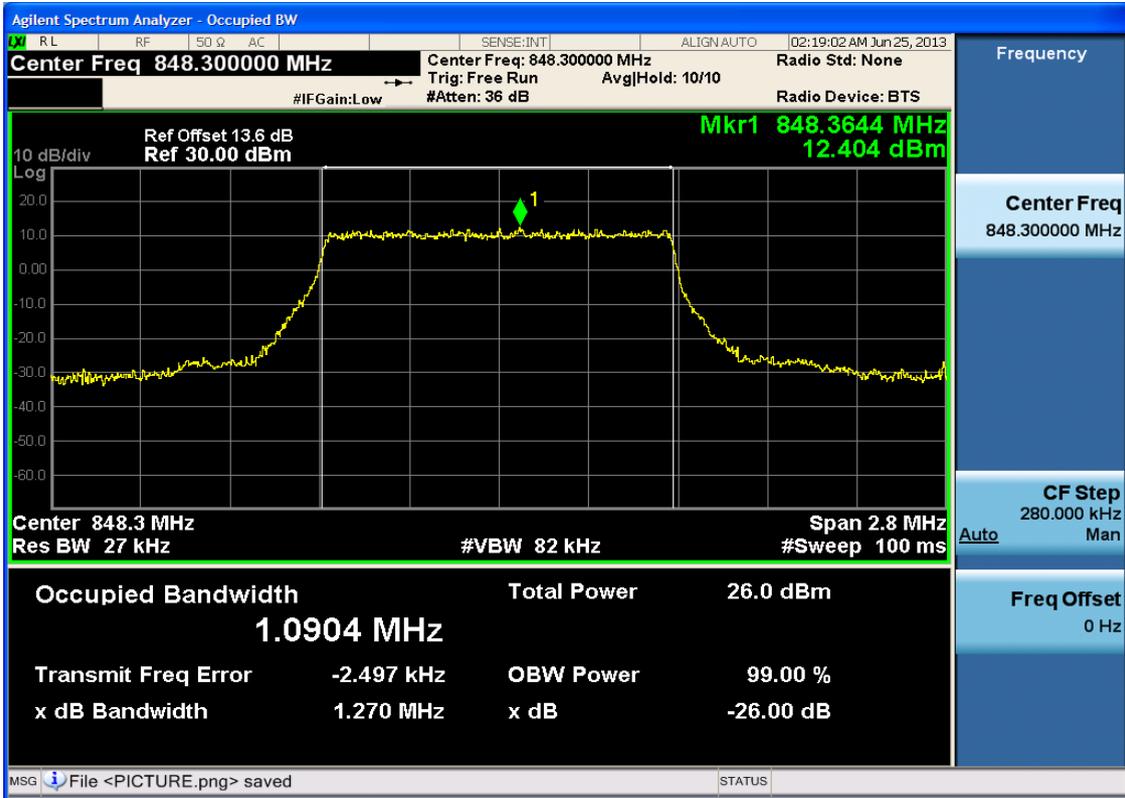
4.3.3.1.1.2 Test Channel = MCH

4.3.3.1.1.2.1 Test RB = RB6#0



4.3.3.1.1.3 Test Channel = HCH

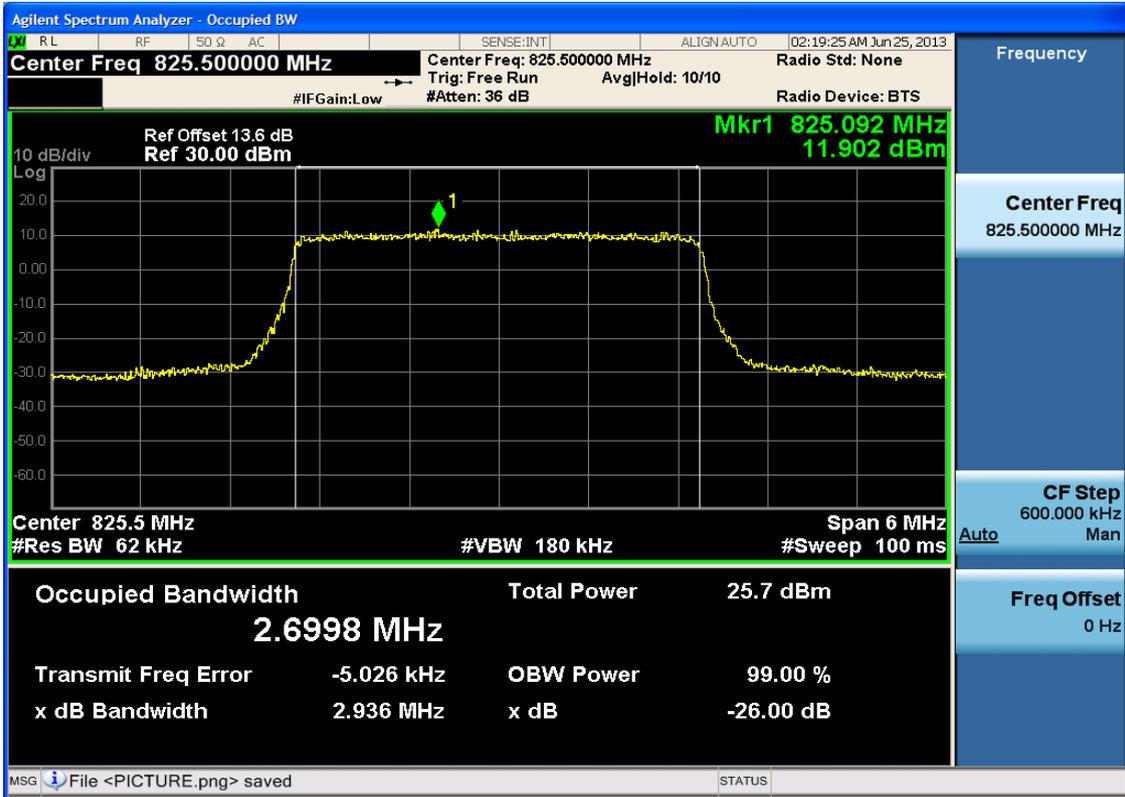
4.3.3.1.1.3.1 Test RB = RB6#0



4.3.3.1.2 Test Bandwidth = 3

4.3.3.1.2.1 Test Channel = LCH

4.3.3.1.2.1.1 Test RB = RB15#0



4.3.3.1.2.2 Test Channel = MCH

4.3.3.1.2.2.1 Test RB = RB15#0

