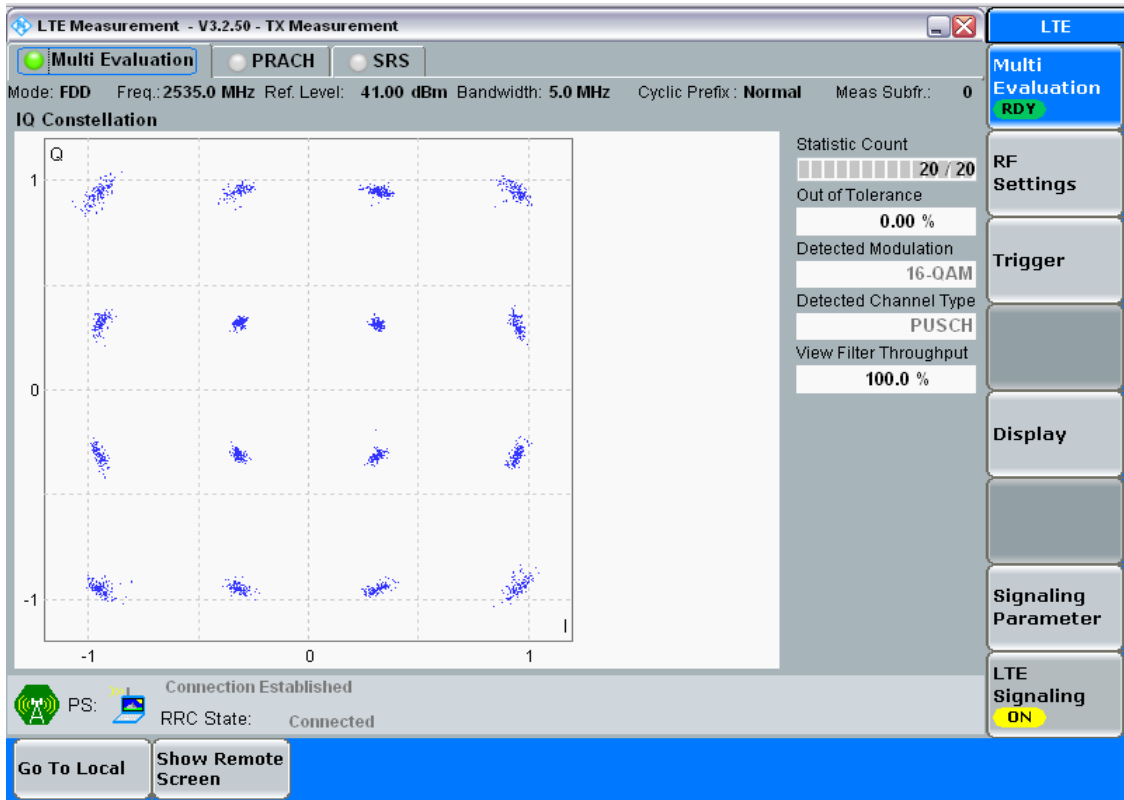


3.3.4.2 Test Mode = LTE/TM2

3.3.4.2.1 Test Bandwidth = 5

3.3.4.2.1.1 Test Channel = MCH

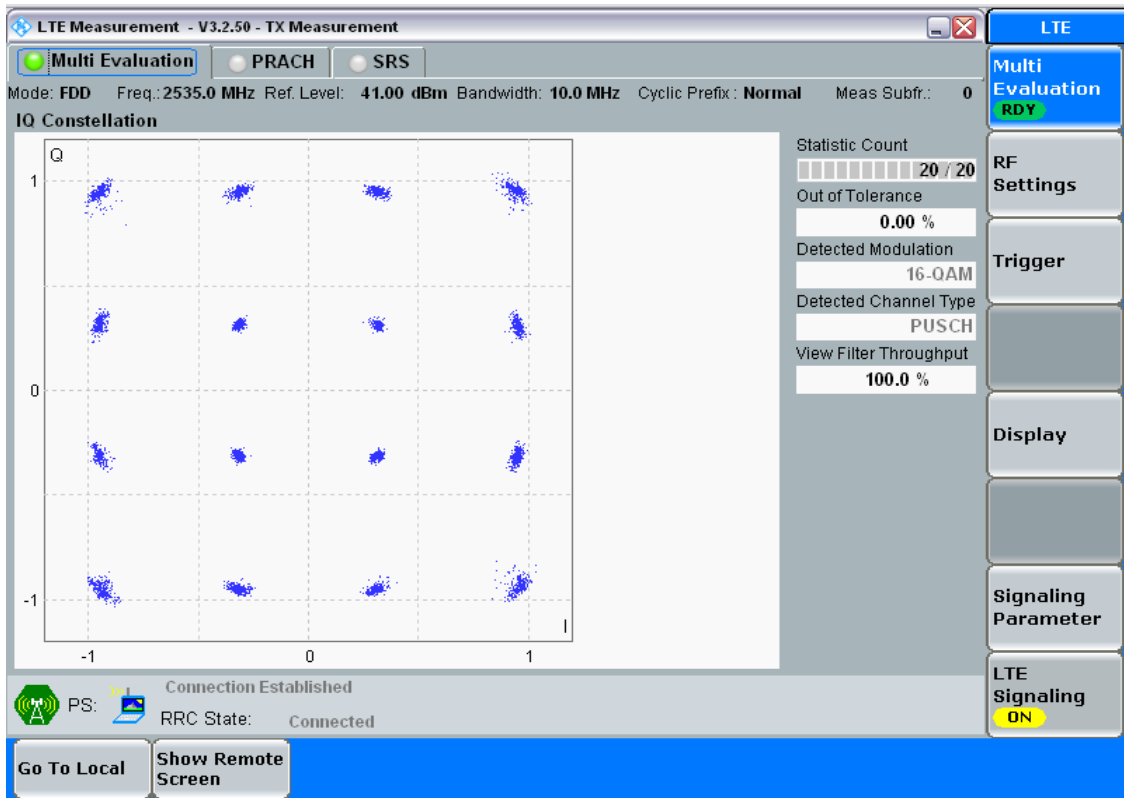
3.3.4.2.1.1.1 Test RB = RB25#0



3.3.4.2.2 Test Bandwidth = 10

3.3.4.2.2.1 Test Channel = MCH

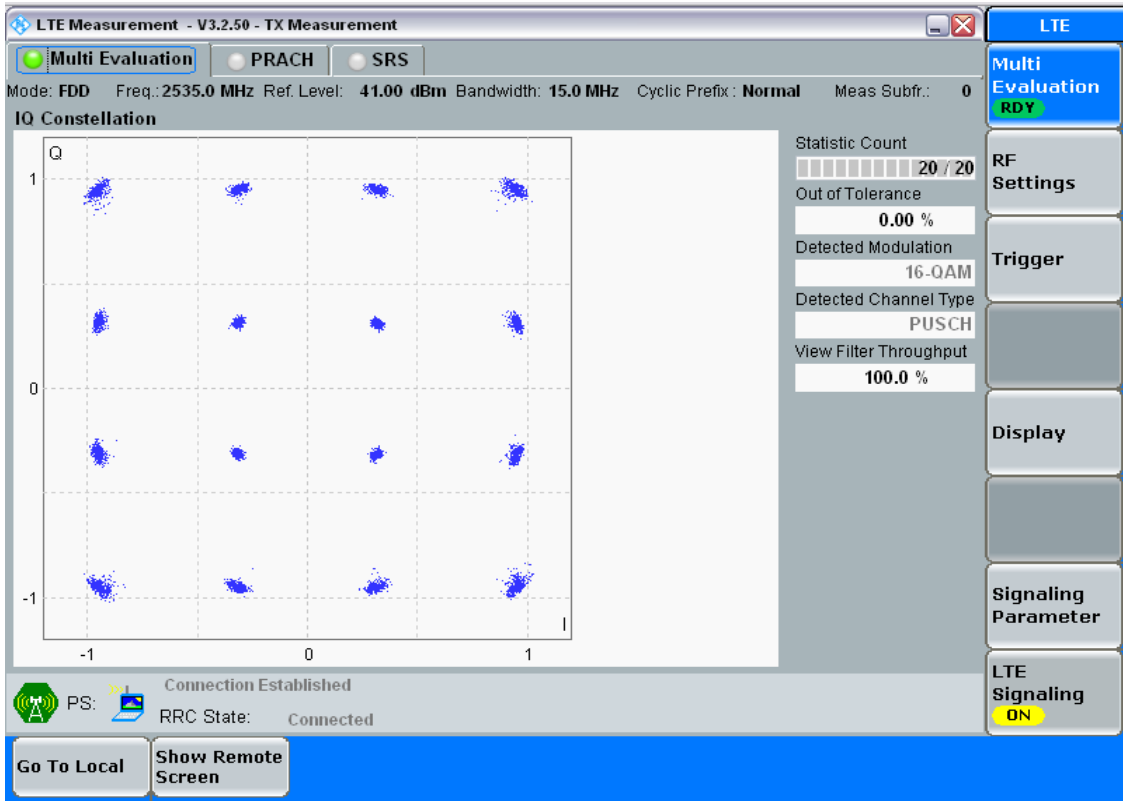
3.3.4.2.2.1.1 Test RB = RB50#0



3.3.4.2.3 Test Bandwidth = 15

3.3.4.2.3.1 Test Channel = MCH

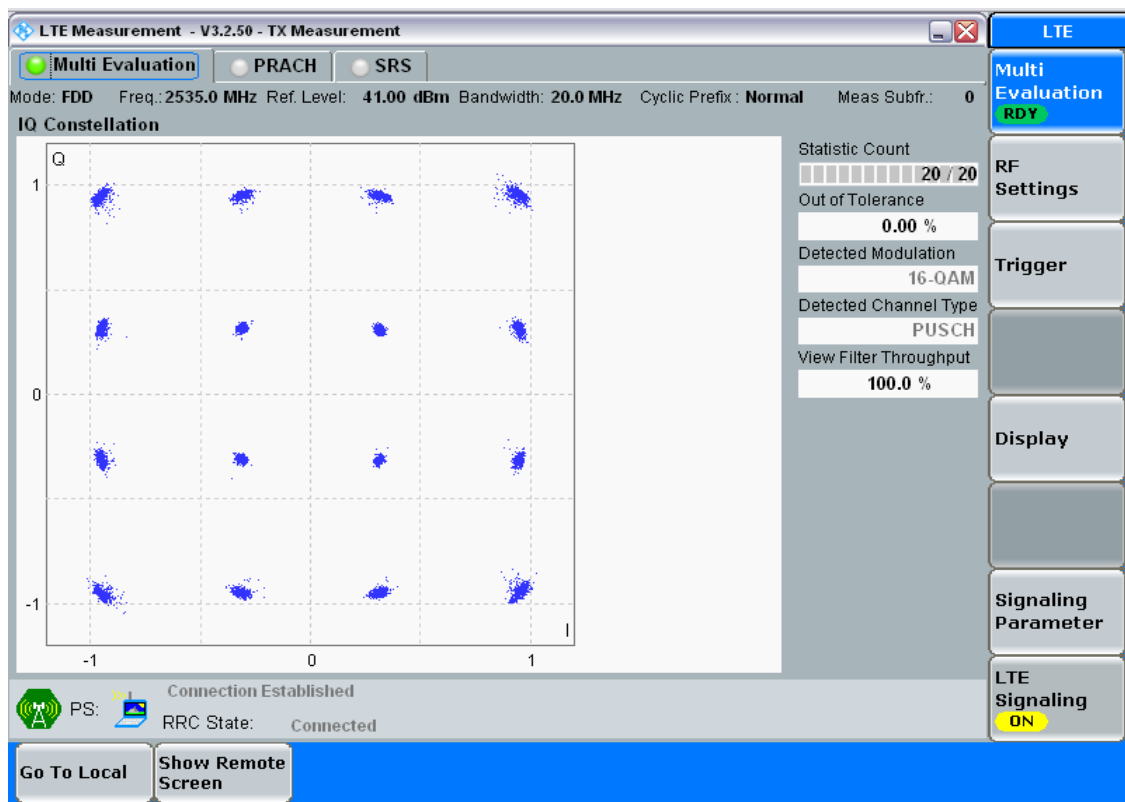
3.3.4.2.3.1.1 Test RB = RB75#0



3.3.4.2.4 Test Bandwidth = 20

3.3.4.2.4.1 Test Channel = MCH

3.3.4.2.4.1.1 Test RB = RB100#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	245.39	315.80	Pass
		MCH	246.21	312.29	Pass
		HCH	243.71	312.00	Pass
	GSM/TM2	LCH	242.18	311.64	Pass
		MCH	244.13	309.88	Pass
		HCH	247.19	315.05	Pass
GSM1900	GSM/TM1	LCH	243.54	312.94	Pass
		MCH	243.30	315.44	Pass
		HCH	245.57	313.19	Pass
	GSM/TM2	LCH	248.05	318.55	Pass
		MCH	244.67	317.67	Pass
		HCH	243.07	315.73	Pass
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
WCDMA850	UMTS/TM1	LCH	4.15	4.70	Pass
		MCH	4.16	4.71	Pass
		HCH	4.15	4.69	Pass
WCDMA1900	UMTS/TM1	LCH	4.15	4.71	Pass
		MCH	4.17	4.71	Pass
		HCH	4.15	4.71	Pass
WCDMA1700	UMTS/TM1	LCH	4.18	4.74	Pass
		MCH	4.17	4.72	Pass
		HCH	4.15	4.72	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	1.23	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.70	2.92	Pass
		5	LCH	RB25#0	4.49	4.86	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.49	4.85	Pass
		10	LCH	RB50#0	8.99	9.62	Pass
			MCH	RB50#0	9.00	9.66	Pass
			HCH	RB50#0	8.99	9.58	Pass
		15	LCH	RB75#0	13.48	14.39	Pass
			MCH	RB75#0	13.49	14.44	Pass
			HCH	RB75#0	13.48	14.39	Pass
		20	LCH	RB100#0	17.97	19.07	Pass
			MCH	RB100#0	17.97	19.02	Pass
			HCH	RB100#0	18.01	19.11	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.92	Pass
			MCH	RB15#0	2.71	2.93	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.49	4.87	Pass
			MCH	RB25#0	4.50	4.89	Pass
			HCH	RB25#0	4.50	4.88	Pass
		10	LCH	RB50#0	8.99	9.63	Pass
			MCH	RB50#0	9.01	9.63	Pass
			HCH	RB50#0	9.00	9.65	Pass
15		LCH	RB75#0	13.48	14.37	Pass	
		MCH	RB75#0	13.49	14.43	Pass	
		HCH	RB75#0	13.49	14.35	Pass	
20		LCH	RB100#0	17.98	19.09	Pass	
		MCH	RB100#0	17.97	19.07	Pass	
		HCH	RB100#0	18.00	19.09	Pass	
BAND4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.23	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB6#0	1.09	1.22	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.93	Pass
			MCH	RB15#0	2.71	2.93	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.50	4.89	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.49	4.86	Pass
		10	LCH	RB50#0	9.00	9.64	Pass
			MCH	RB50#0	9.00	9.66	Pass
			HCH	RB50#0	9.00	9.65	Pass
		15	LCH	RB75#0	13.50	14.42	Pass
			MCH	RB75#0	13.50	14.42	Pass
			HCH	RB75#0	13.45	14.34	Pass
		20	LCH	RB100#0	18.00	19.12	Pass
			MCH	RB100#0	18.00	19.03	Pass
			HCH	RB100#0	17.93	19.00	Pass
		LTE/TM2	1.4	LCH	RB6#0	1.09	1.23
	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	2.71	2.94	Pass
	5		LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.85	Pass
	10		LCH	RB50#0	9.00	9.67	Pass
			MCH	RB50#0	9.01	9.67	Pass
			HCH	RB50#0	8.99	9.67	Pass
	15		LCH	RB75#0	13.49	14.40	Pass
			MCH	RB75#0	13.50	14.41	Pass
			HCH	RB75#0	13.47	14.35	Pass
	20	LCH	RB100#0	18.01	19.13	Pass	
MCH		RB100#0	18.00	19.09	Pass		
HCH		RB100#0	17.93	19.07	Pass		
BAND5	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	1.22	Pass
		3	LCH	RB15#0	2.70	2.93	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict		
			MCH	RB15#0	2.70	2.93	Pass		
			HCH	RB15#0	2.70	2.94	Pass		
		5	LCH	RB25#0	4.49	4.87	Pass		
			MCH	RB25#0	4.49	4.87	Pass		
			HCH	RB25#0	4.50	4.88	Pass		
		10	LCH	RB50#0	8.99	9.62	Pass		
			MCH	RB50#0	8.99	9.63	Pass		
			HCH	RB50#0	8.99	9.64	Pass		
		LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass	
	MCH			RB6#0	1.09	1.22	Pass		
	HCH			RB6#0	1.09	1.22	Pass		
	3		LCH	RB15#0	2.71	2.93	Pass		
			MCH	RB15#0	2.70	2.95	Pass		
			HCH	RB15#0	2.70	2.94	Pass		
	5		LCH	RB25#0	4.50	4.85	Pass		
			MCH	RB25#0	4.51	4.89	Pass		
			HCH	RB25#0	4.49	4.85	Pass		
	10		LCH	RB50#0	9.01	9.59	Pass		
			MCH	RB50#0	9.00	9.65	Pass		
			HCH	RB50#0	9.00	9.63	Pass		
	BAND7		LTE/TM1	5	LCH	RB25#0	4.50	4.86	Pass
					MCH	RB25#0	4.50	4.86	Pass
					HCH	RB25#0	4.51	4.88	Pass
		10		LCH	RB50#0	9.00	9.70	Pass	
MCH				RB50#0	9.00	9.63	Pass		
HCH				RB50#0	8.99	9.63	Pass		
15		LCH		RB75#0	13.48	14.44	Pass		
		MCH		RB75#0	13.48	14.39	Pass		
		HCH		RB75#0	13.45	14.31	Pass		
20		LCH	RB100#0	17.96	19.01	Pass			
		MCH	RB100#0	17.98	19.06	Pass			
		HCH	RB100#0	17.93	19.05	Pass			
LTE/TM2		5	LCH	RB25#0	4.50	4.90	Pass		
			MCH	RB25#0	4.50	4.86	Pass		
			HCH	RB25#0	4.50	4.86	Pass		
	10	LCH	RB50#0	9.01	9.66	Pass			
		MCH	RB50#0	9.01	9.64	Pass			
		HCH	RB50#0	8.99	9.64	Pass			
15	LCH	RB75#0	13.48	14.40	Pass				



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB75#0	13.49	14.46	Pass
			HCH	RB75#0	13.45	14.33	Pass
		20	LCH	RB100#0	17.96	19.07	Pass
			MCH	RB100#0	17.98	19.07	Pass
			HCH	RB100#0	17.92	18.99	Pass



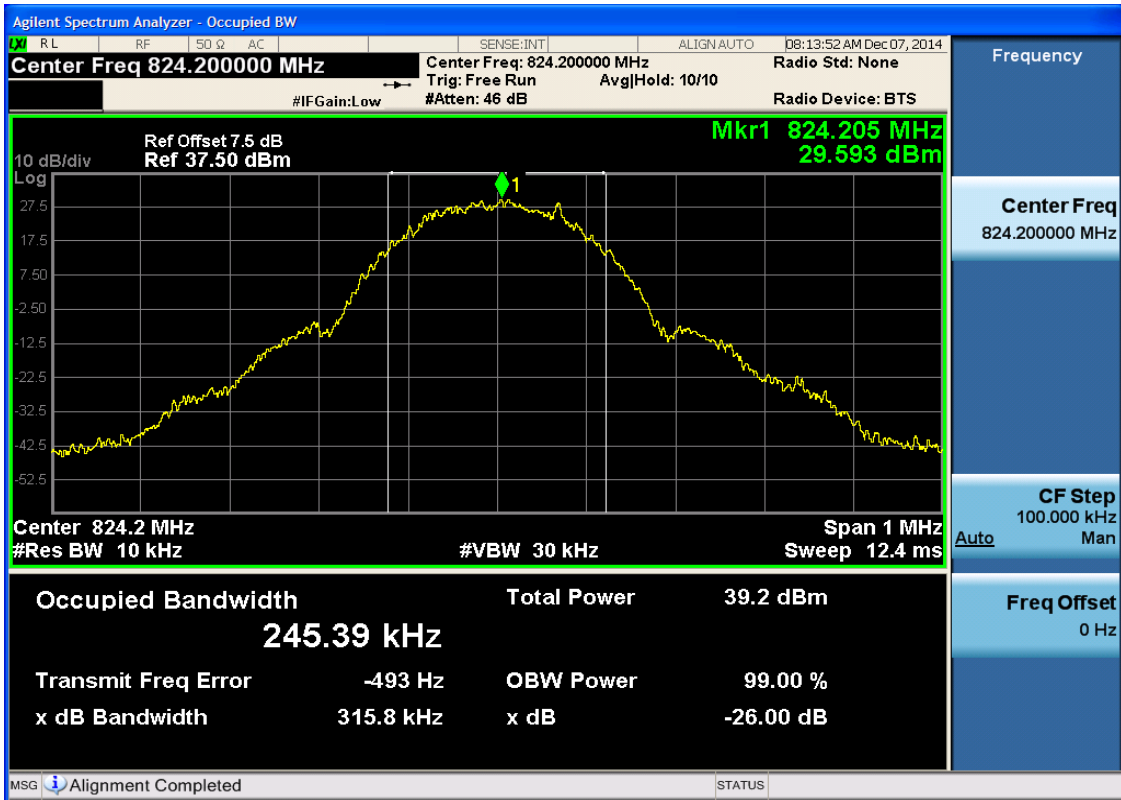
Part II - Test Plots

4.1 For GSM

4.1.1 Test Band = GSM850

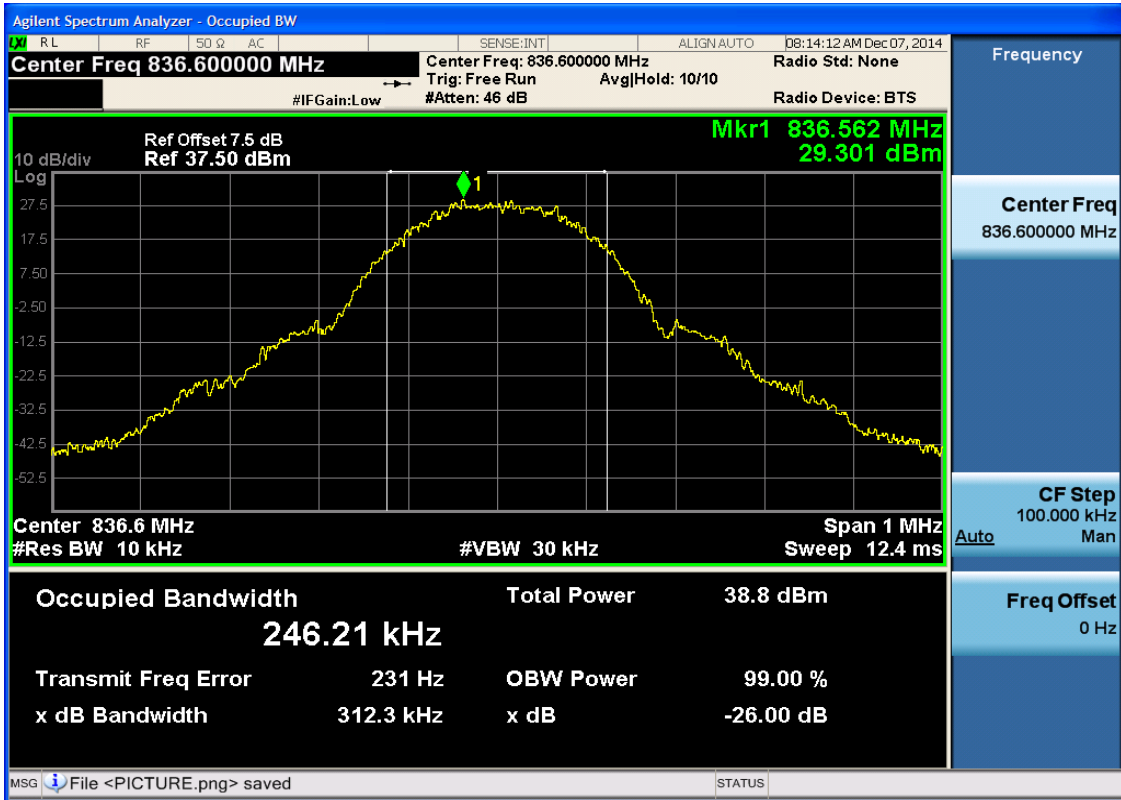
4.1.1.1 Test Mode = GSM/TM1

4.1.1.1.1 Test Channel = LCH



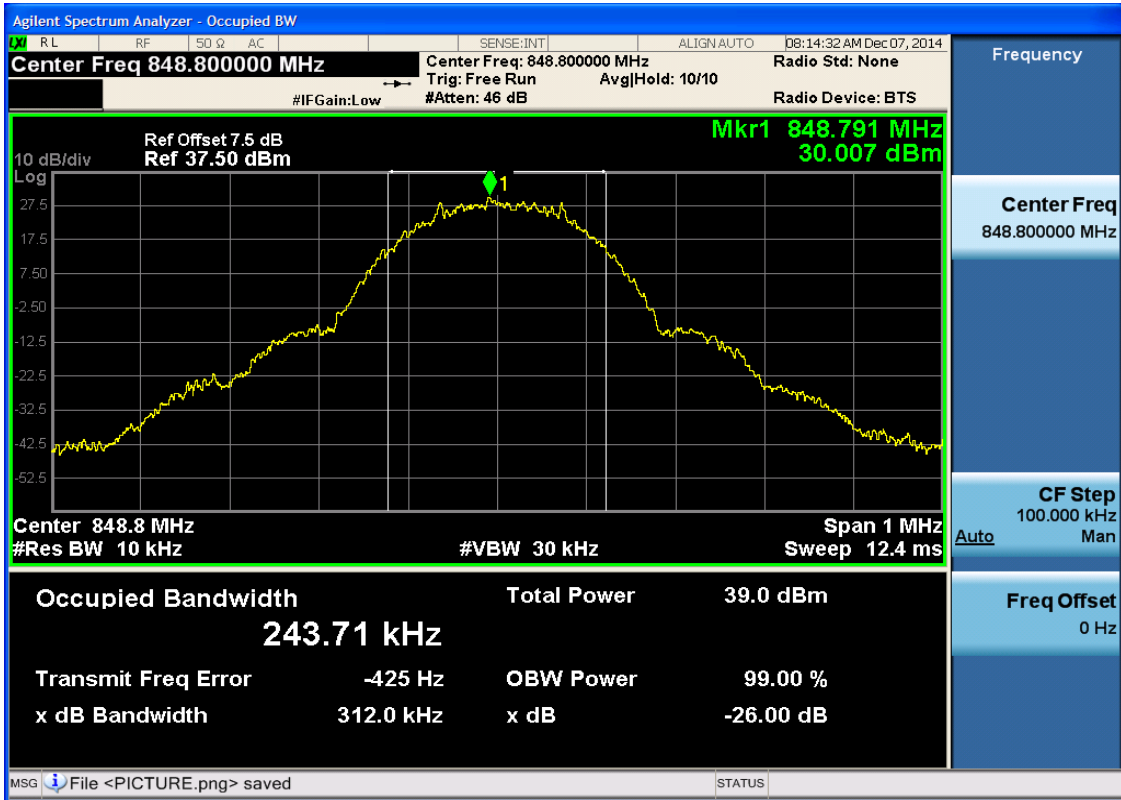


4.1.1.1.2 Test Channel = MCH





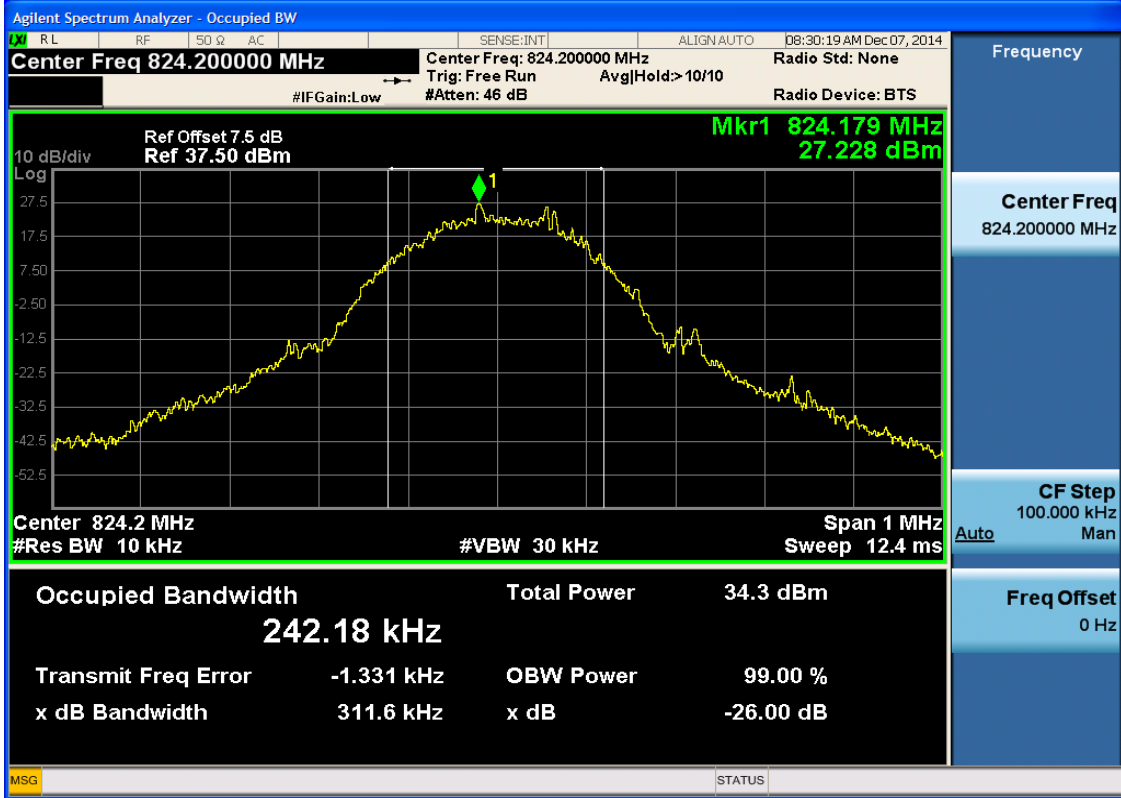
4.1.1.1.3 Test Channel = HCH





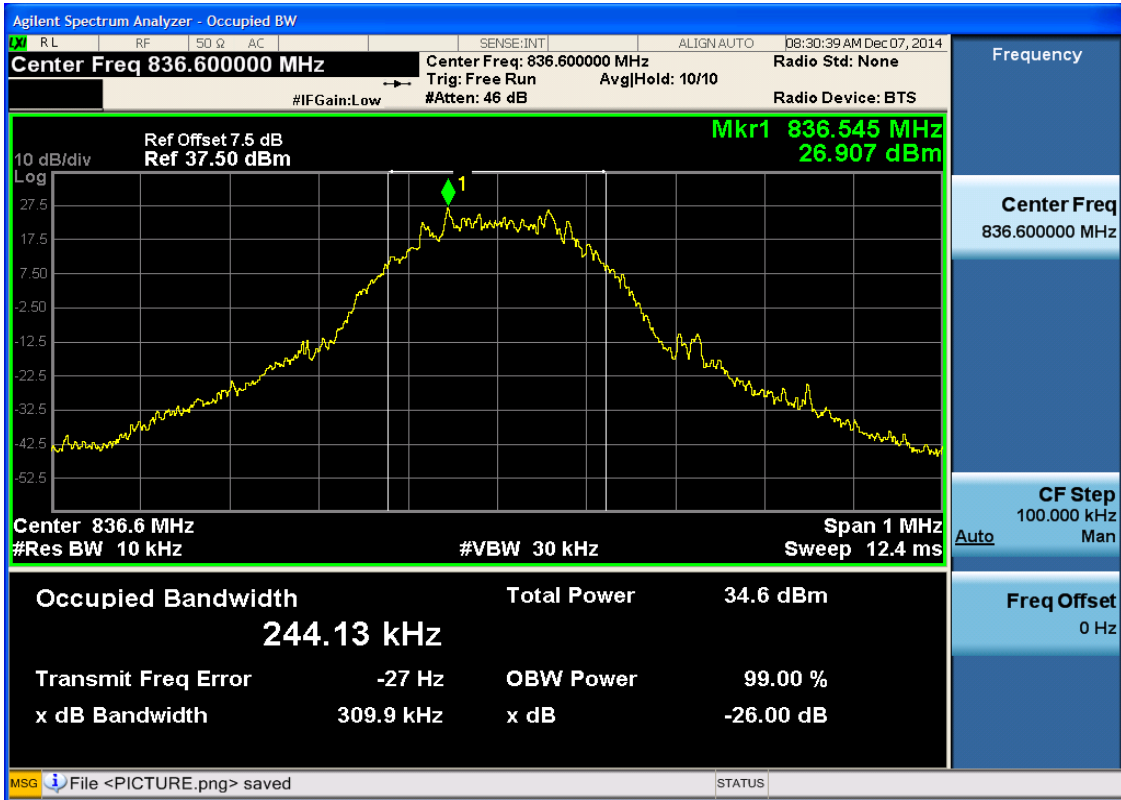
4.1.1.2 Test Mode = GSM/TM2

4.1.1.2.1 Test Channel = LCH



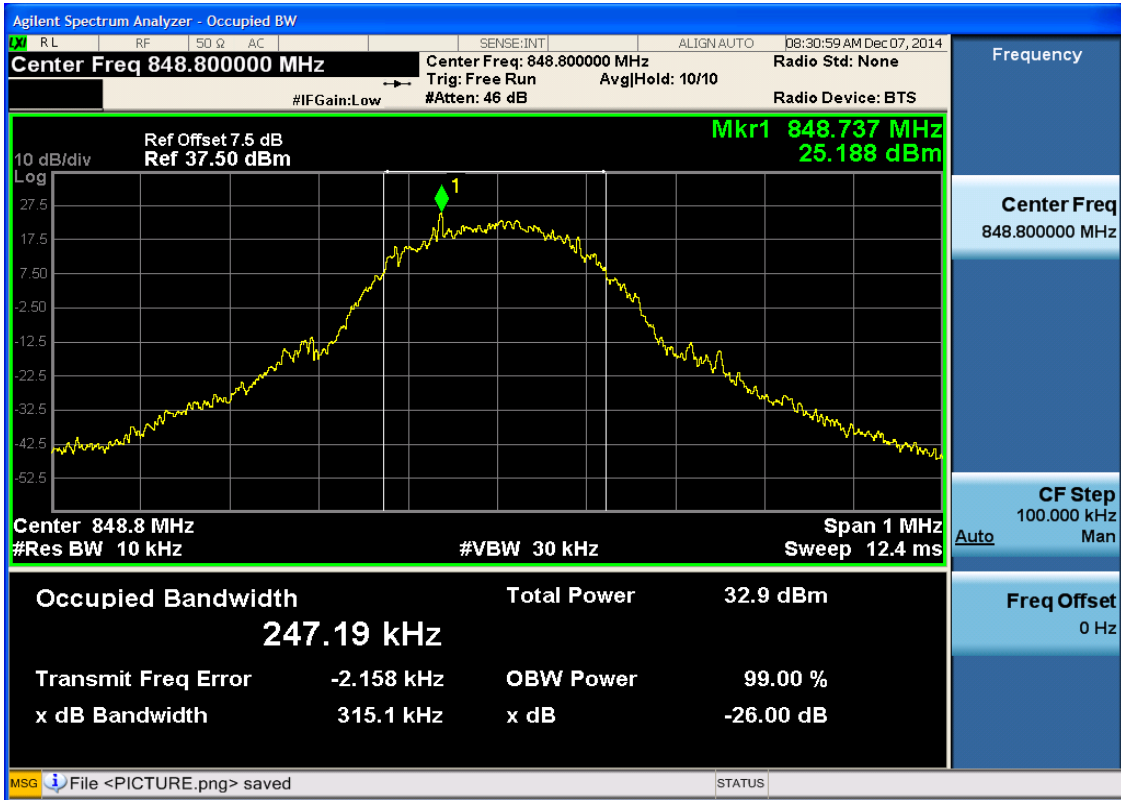


4.1.1.2.2 Test Channel = MCH





4.1.1.2.3 Test Channel = HCH

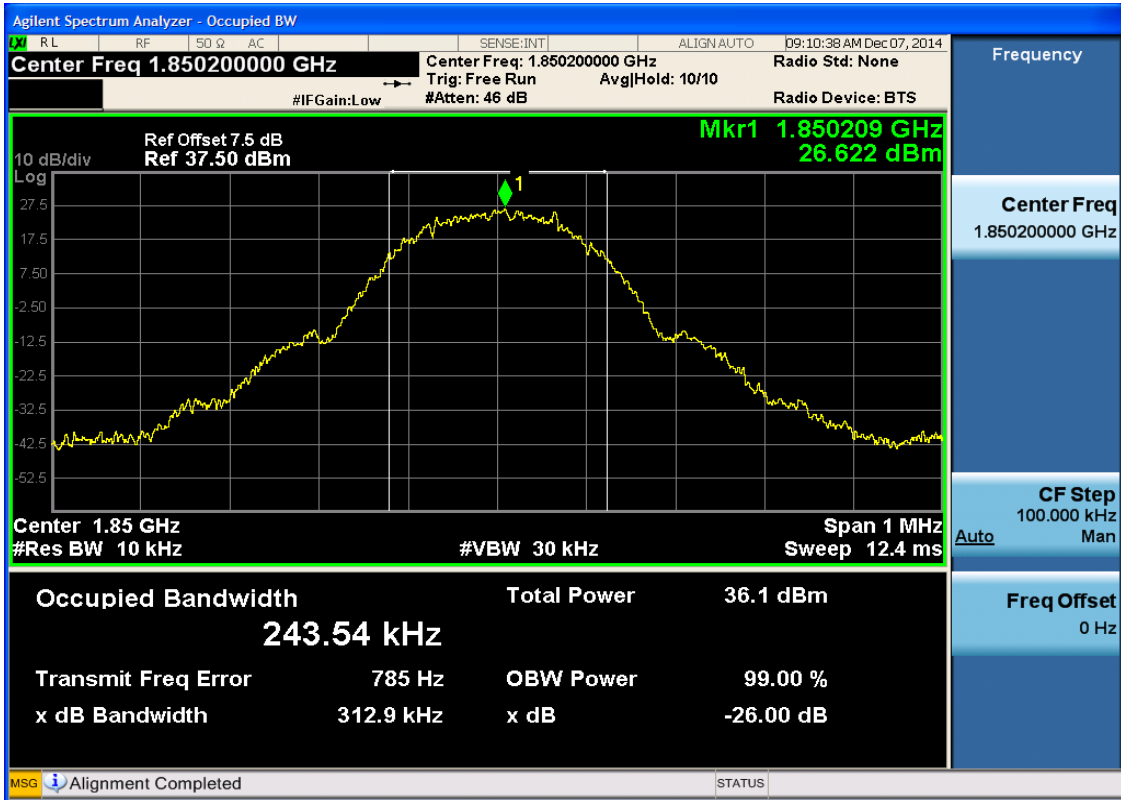




4.1.2 Test Band = GSM1900

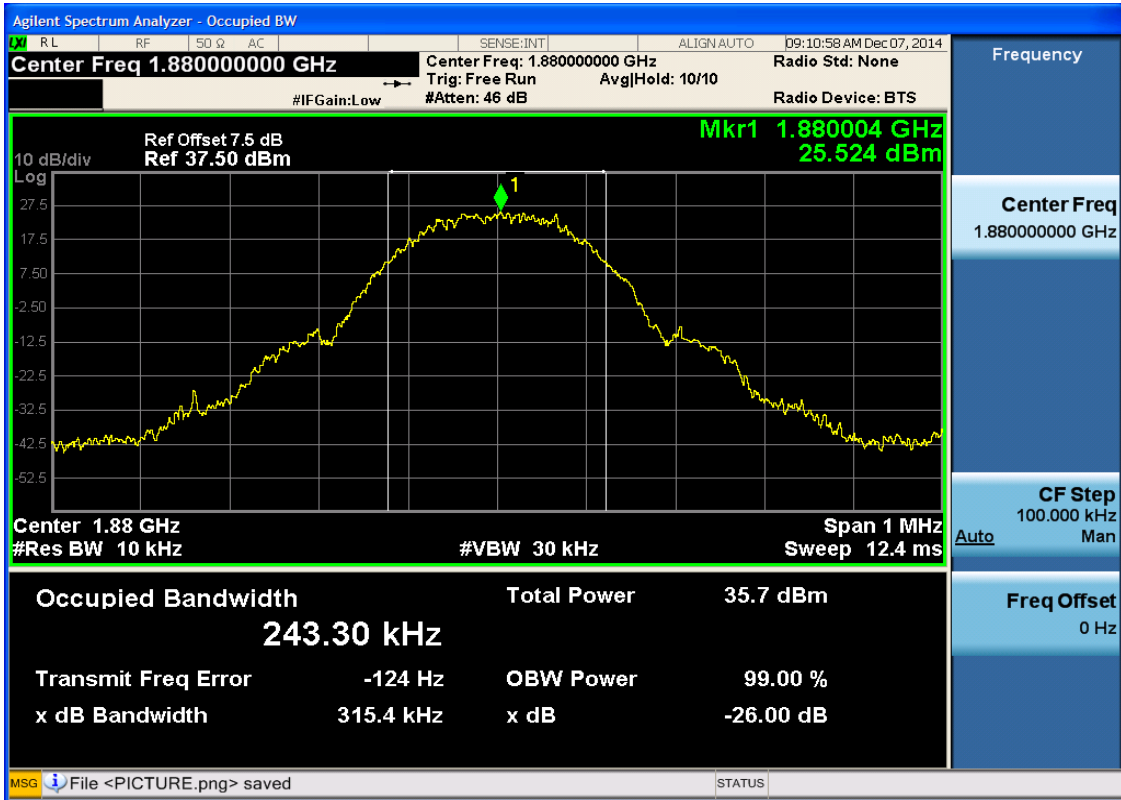
4.1.2.1 Test Mode = GSM/TM1

4.1.2.1.1 Test Channel = LCH



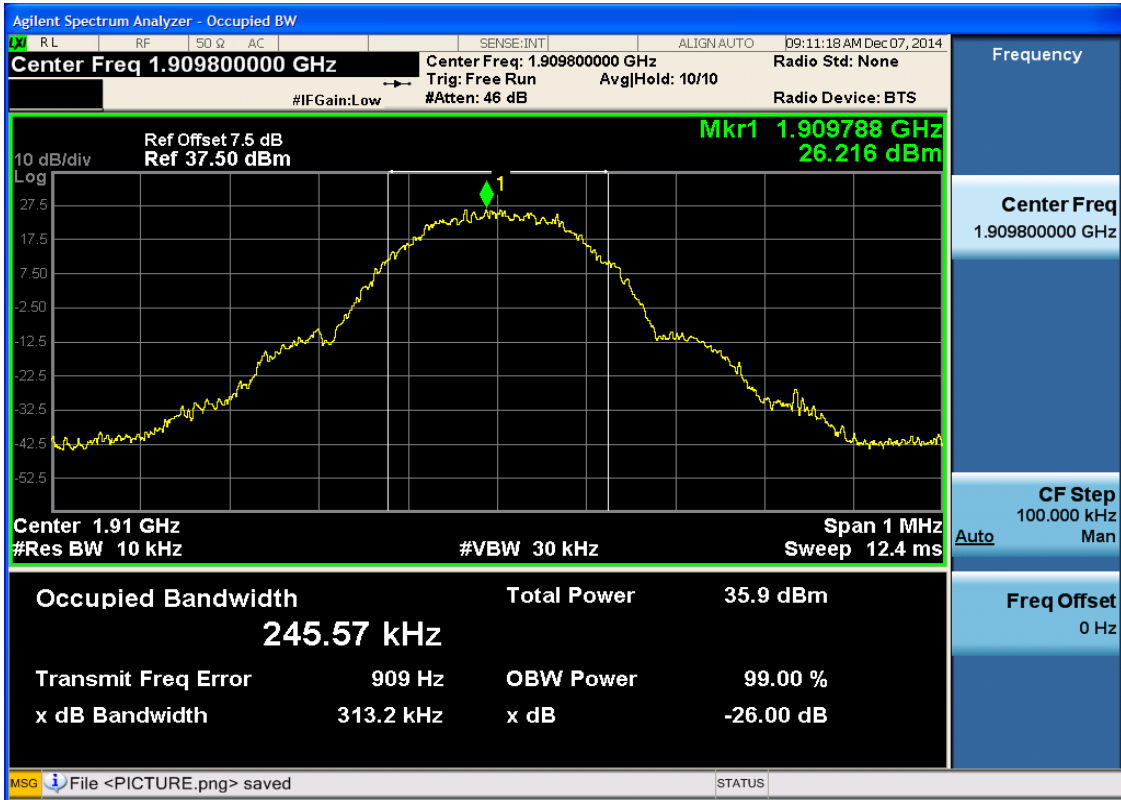


4.1.2.1.2 Test Channel = MCH





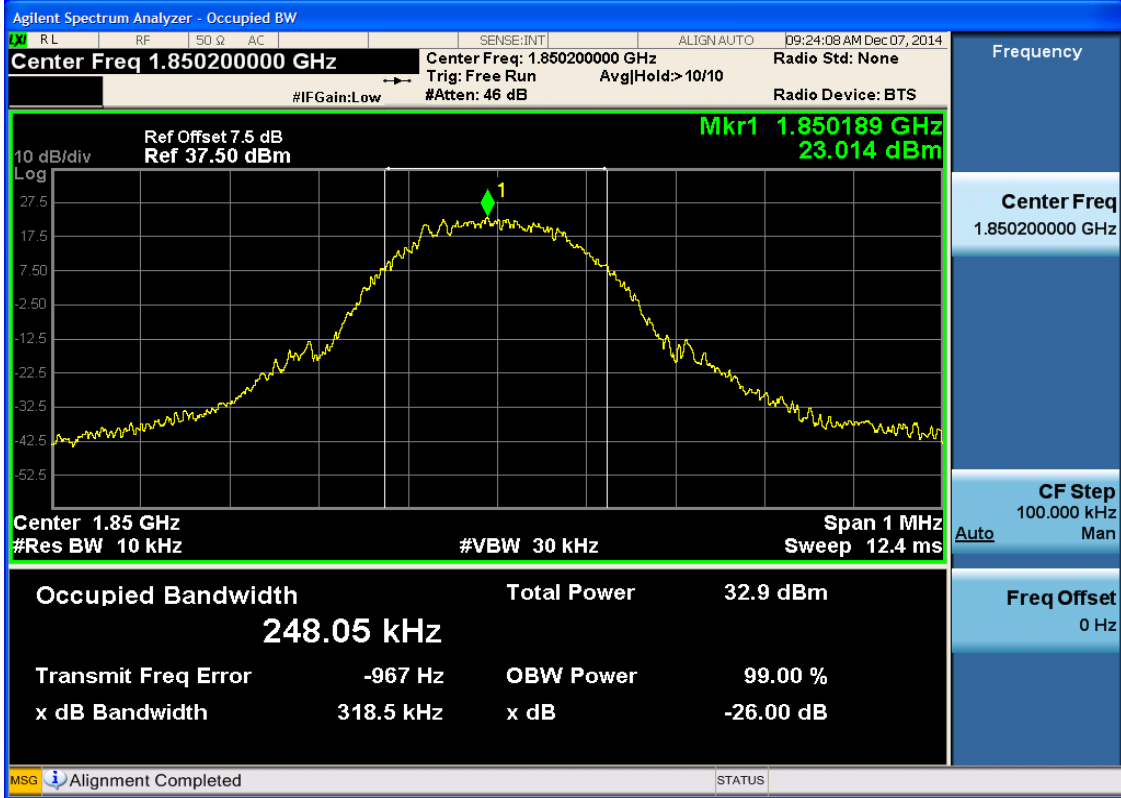
4.1.2.1.3 Test Channel = HCH





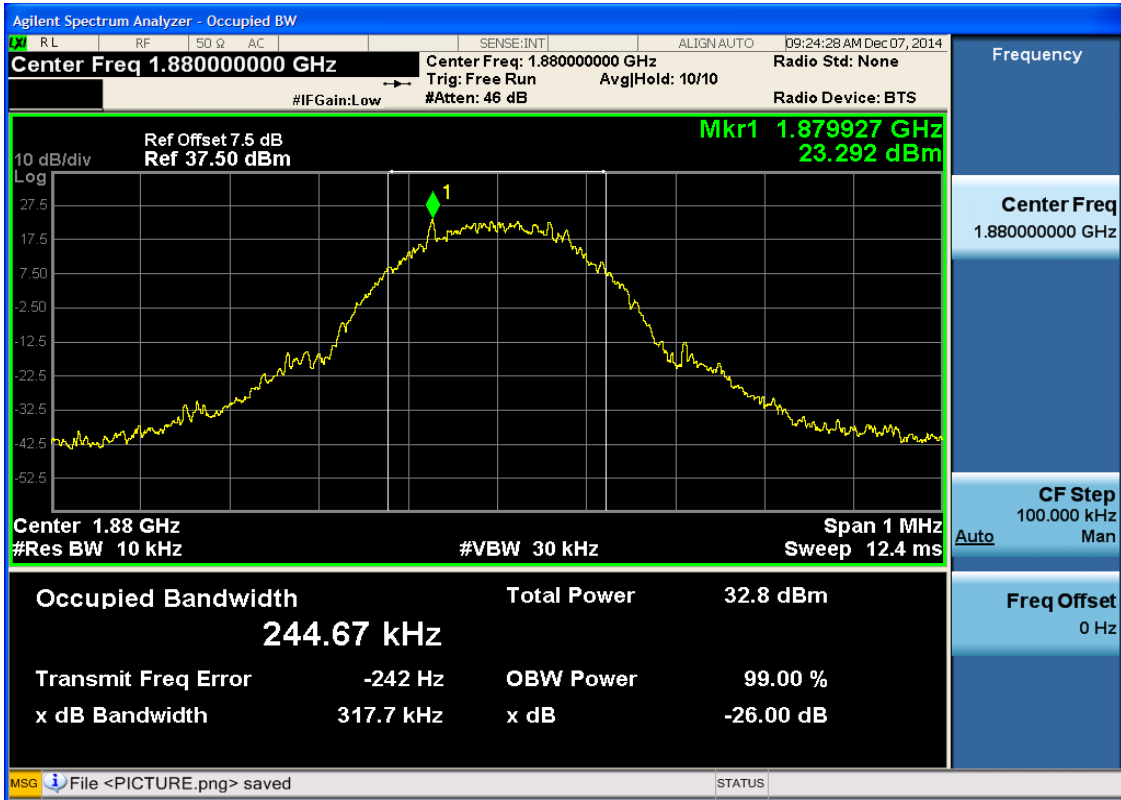
4.1.2.2 Test Mode = GSM/TM2

4.1.2.2.1 Test Channel = LCH



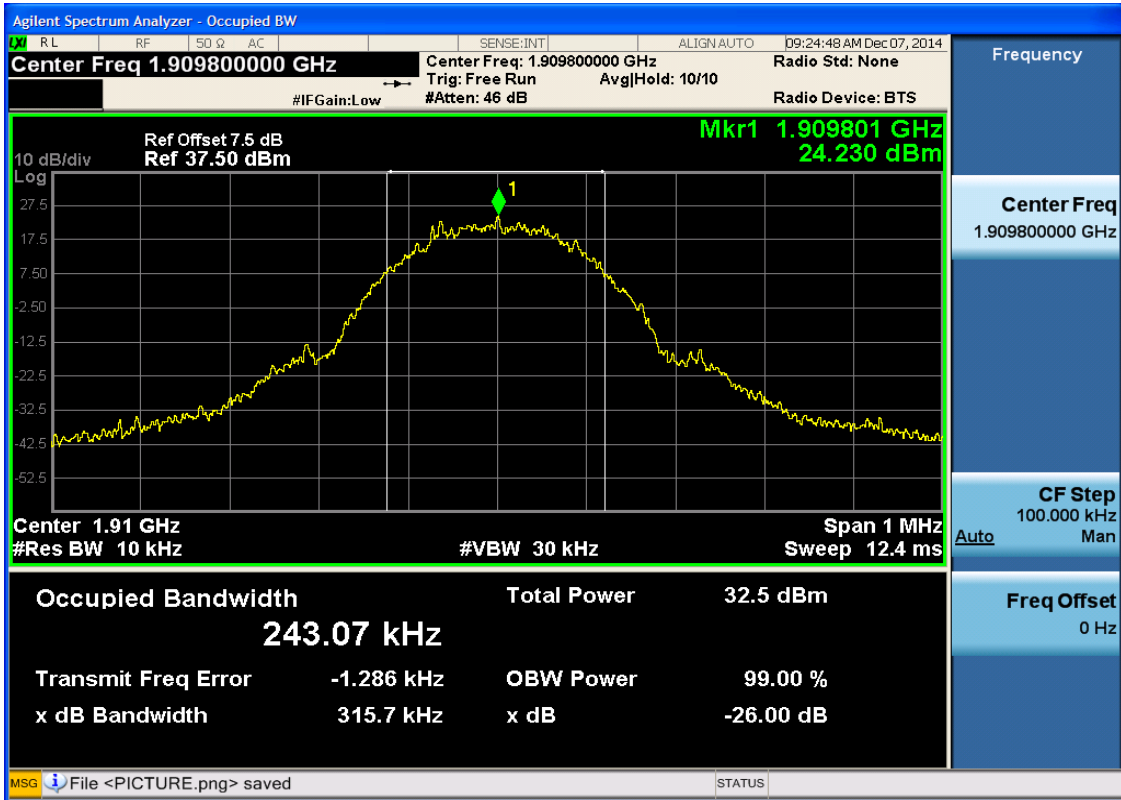


4.1.2.2.2 Test Channel = MCH





4.1.2.2.3 Test Channel = HCH



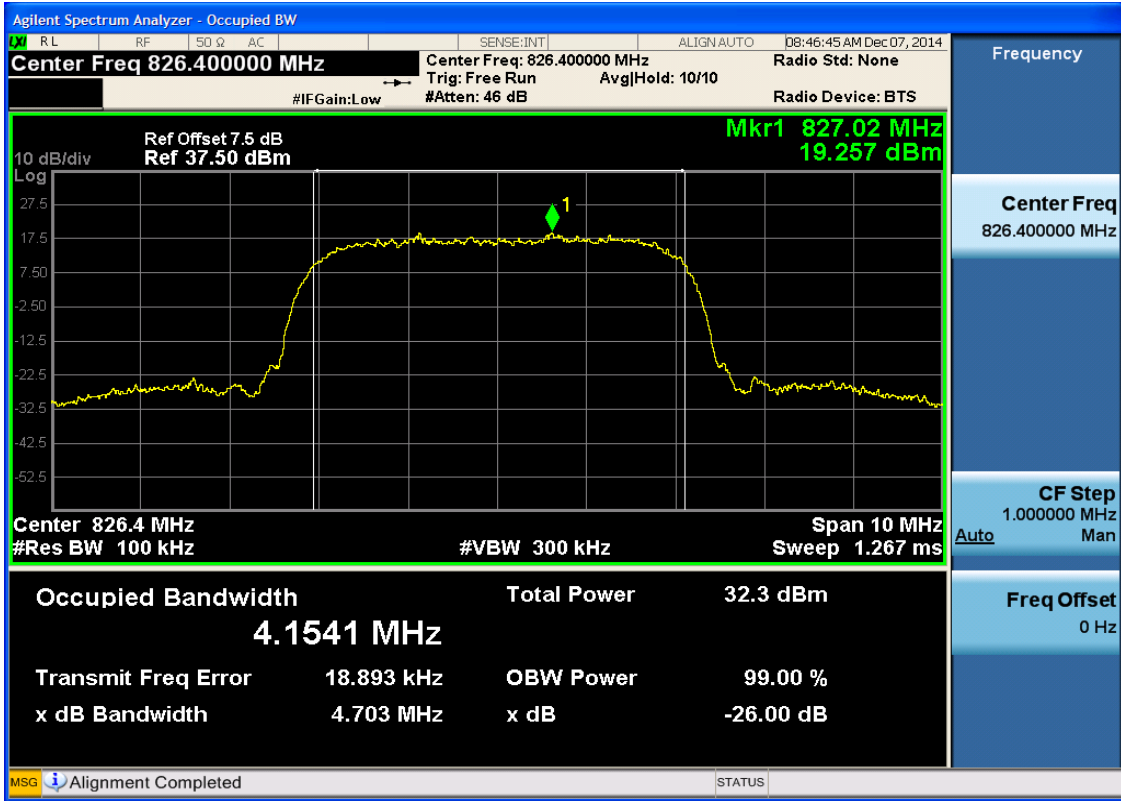


4.2 For UMTS

4.2.1 Test Band = WCDMA850

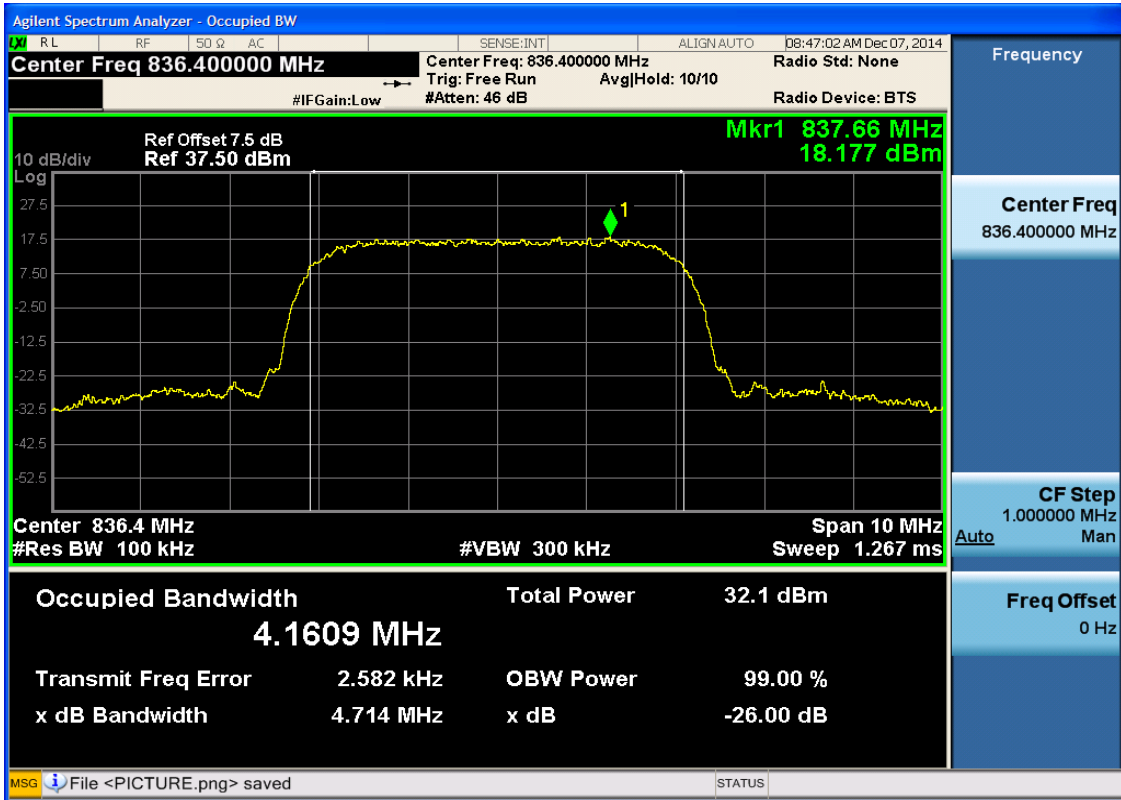
4.2.1.1 Test Mode = UMTS/TM1

4.2.1.1.1 Test Channel = LCH



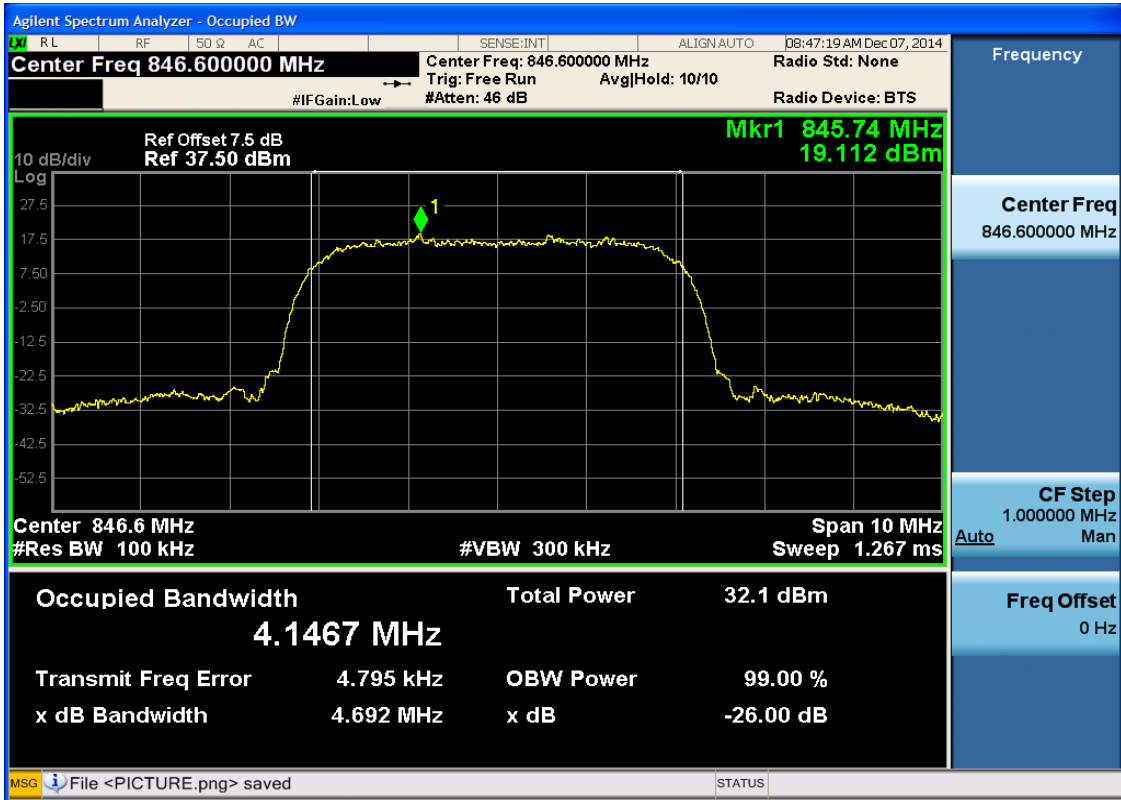


4.2.1.1.2 Test Channel = MCH





4.2.1.1.3 Test Channel = HCH

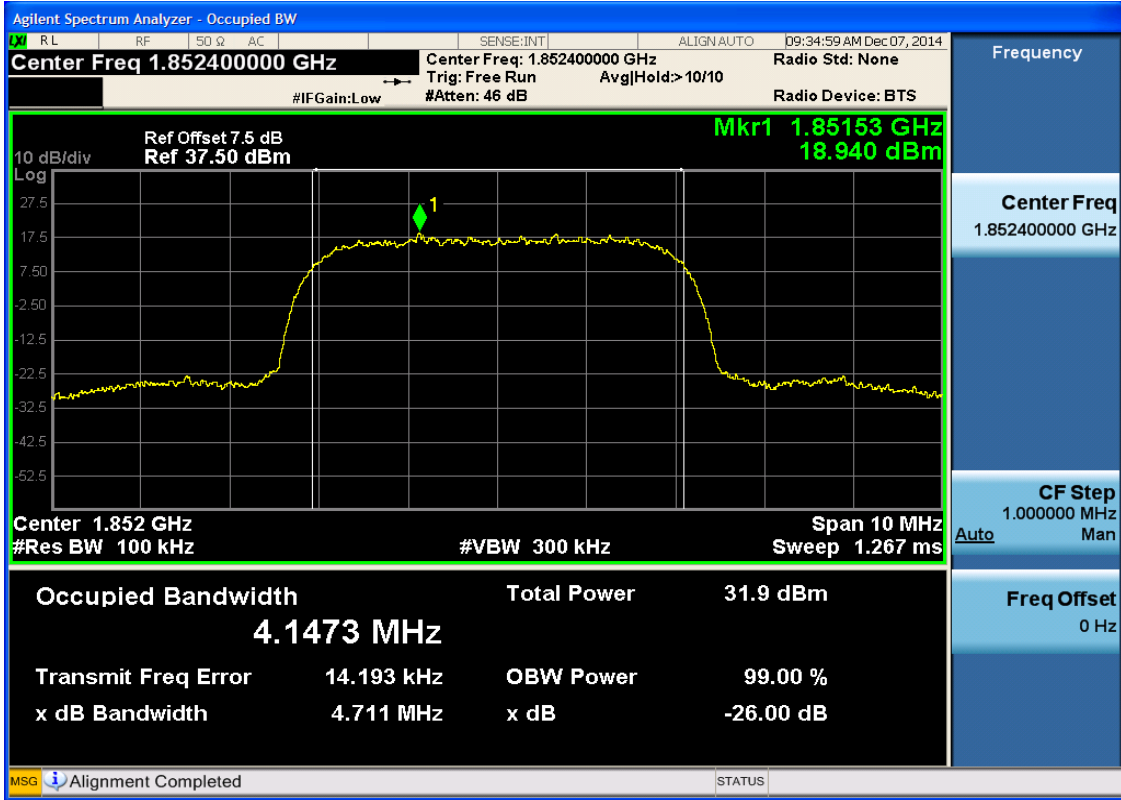




4.2.2 Test Band = WCDMA1900

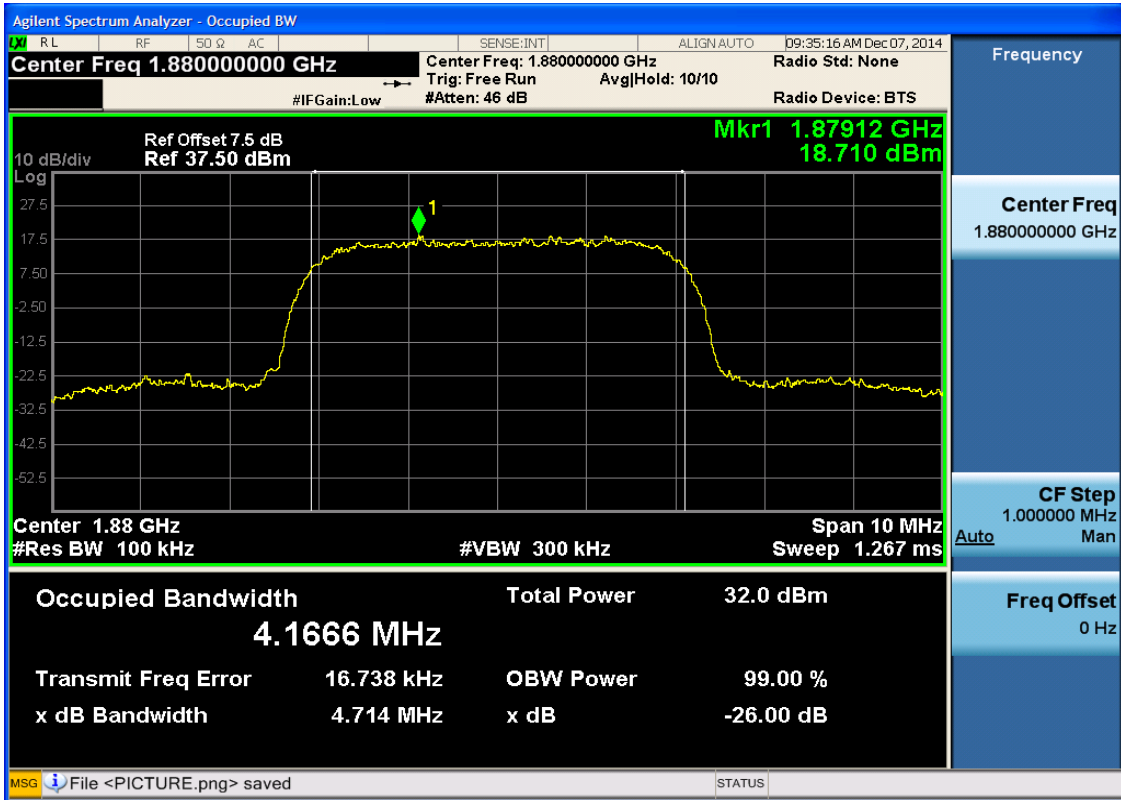
4.2.2.1 Test Mode = UMTS/TM1

4.2.2.1.1 Test Channel = LCH



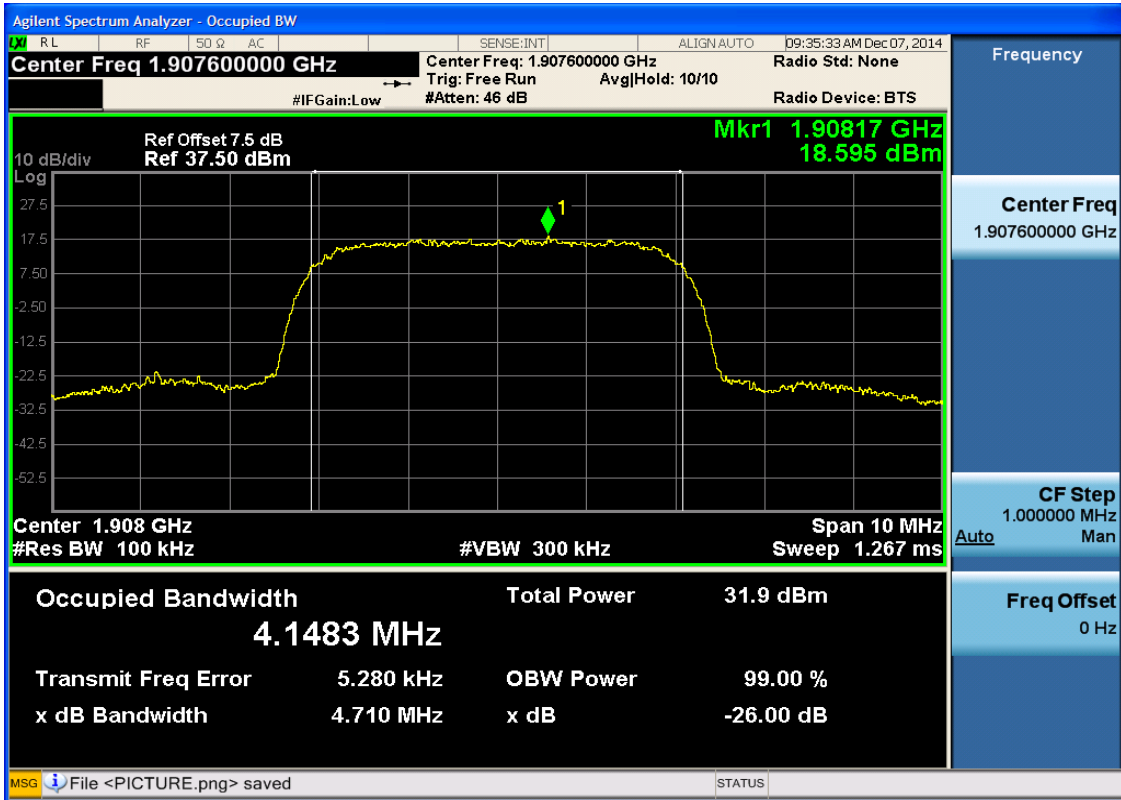


4.2.2.1.2 Test Channel = MCH





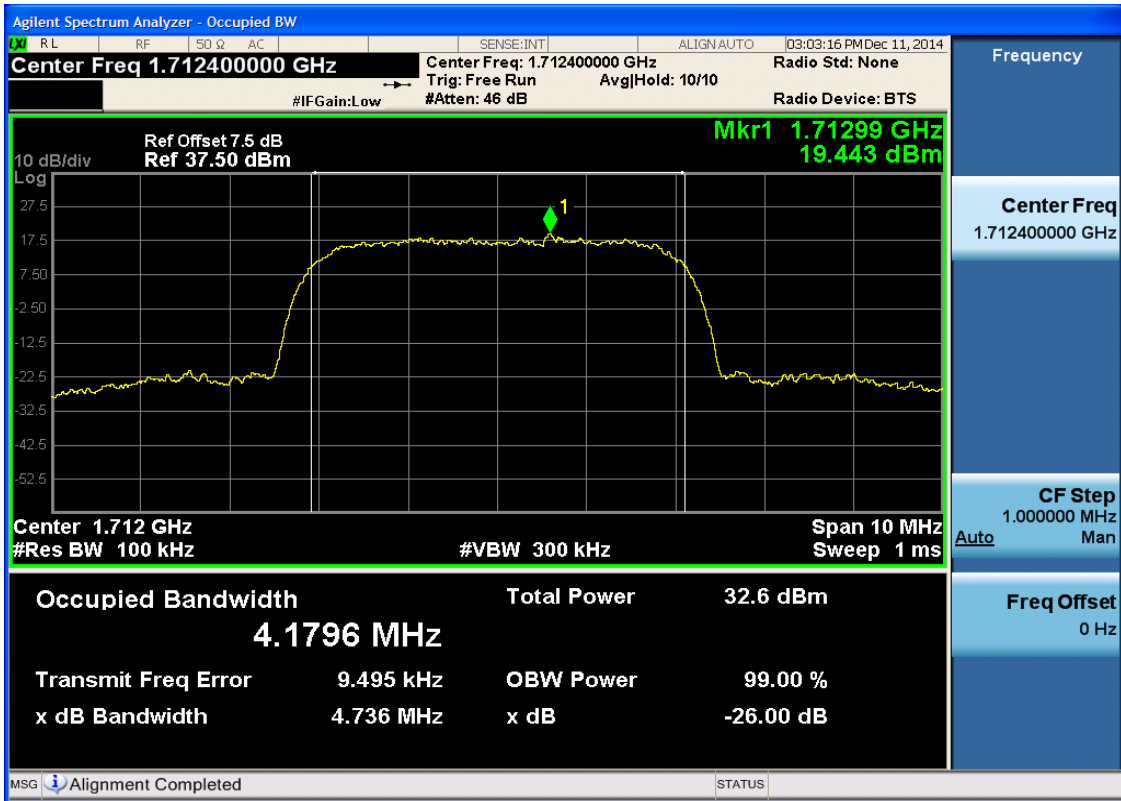
4.2.2.1.3 Test Channel = HCH



4.2.3 Test Band = WCDMA1700

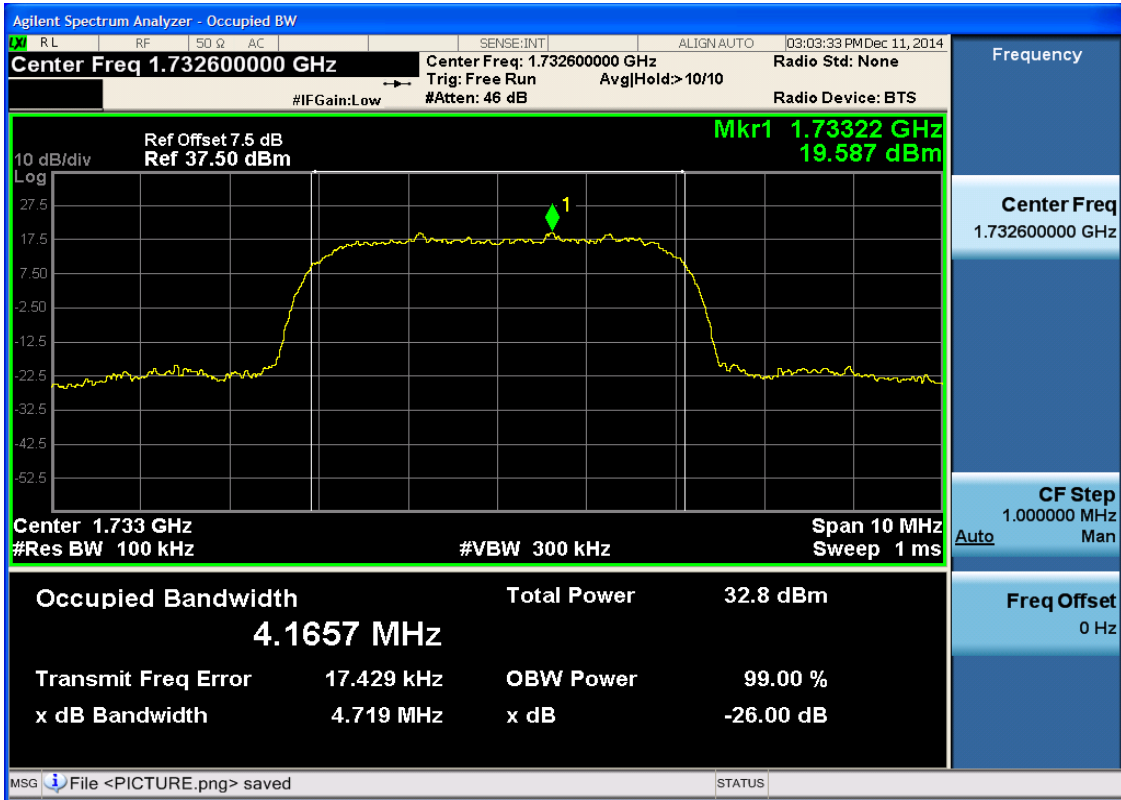
4.2.3.1 Test Mode = UMTS/TM1

4.2.3.1.1 Test Channel = LCH



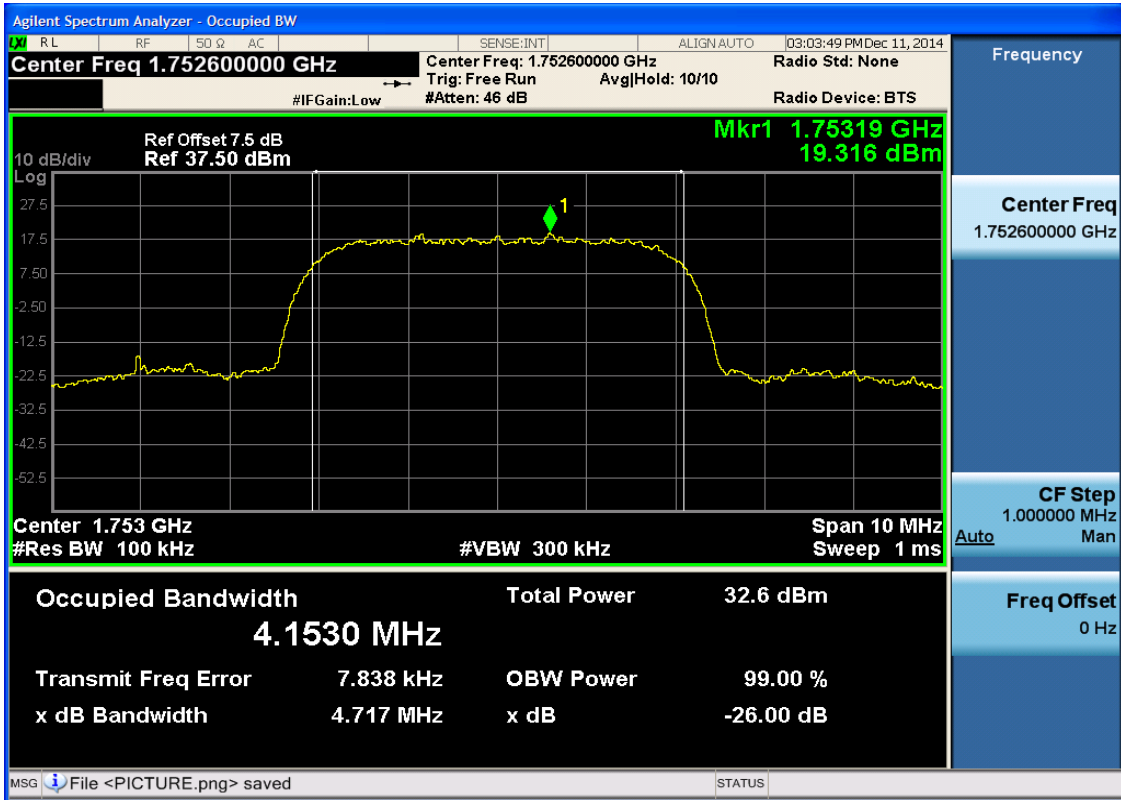


4.2.3.1.2 Test Channel = MCH





4.2.3.1.3 Test Channel = HCH





4.3 For LTE

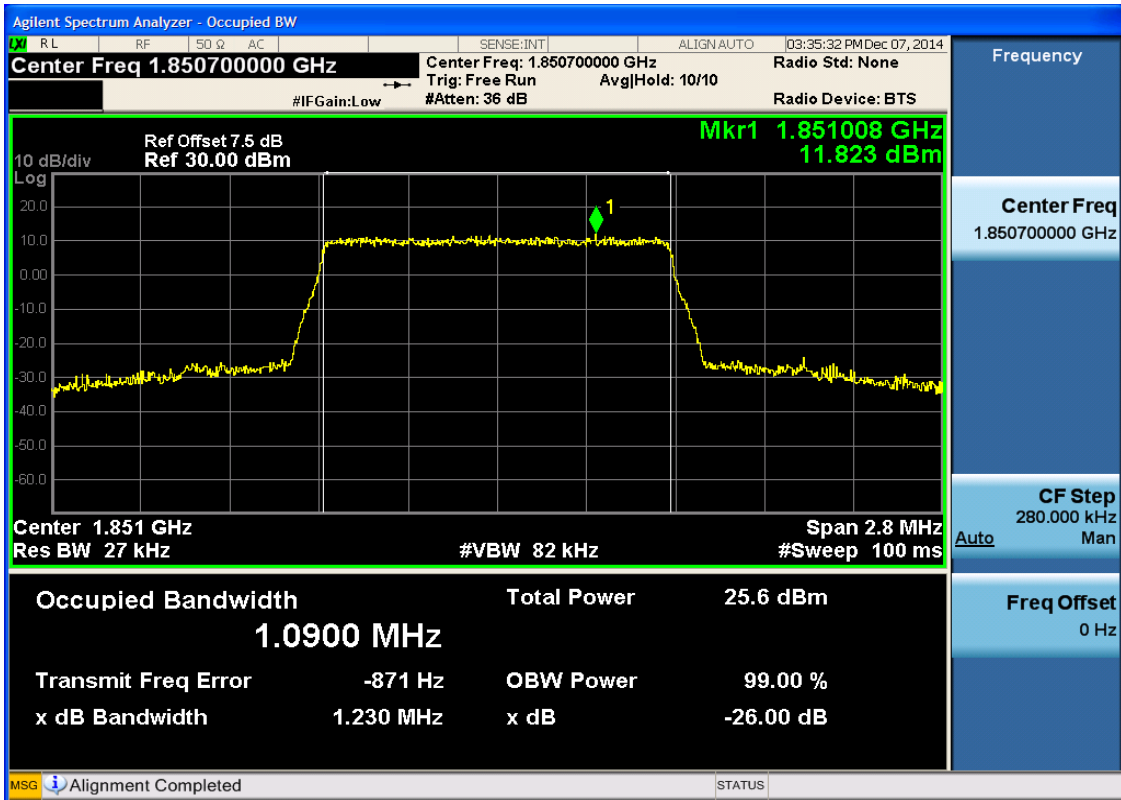
4.3.1 Test Band = BAND2

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

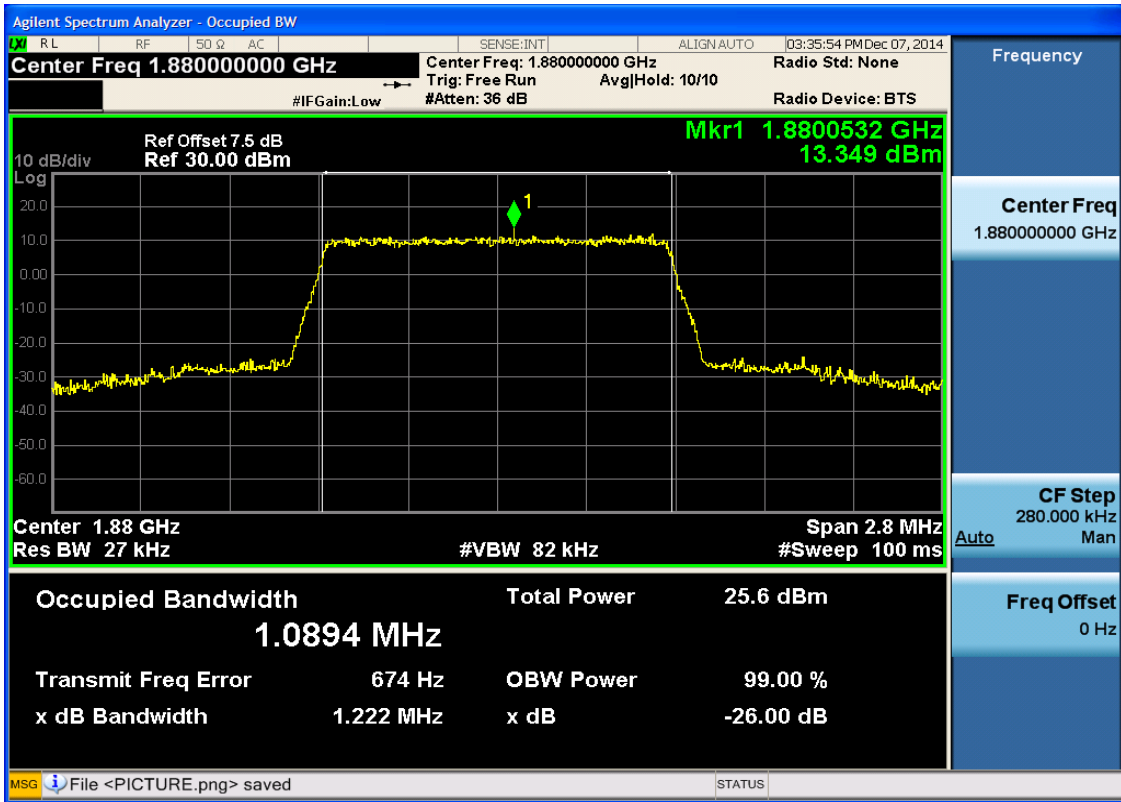
4.3.1.1.1.1.1 Test RB = RB6#0





4.3.1.1.1.2 Test Channel = MCH

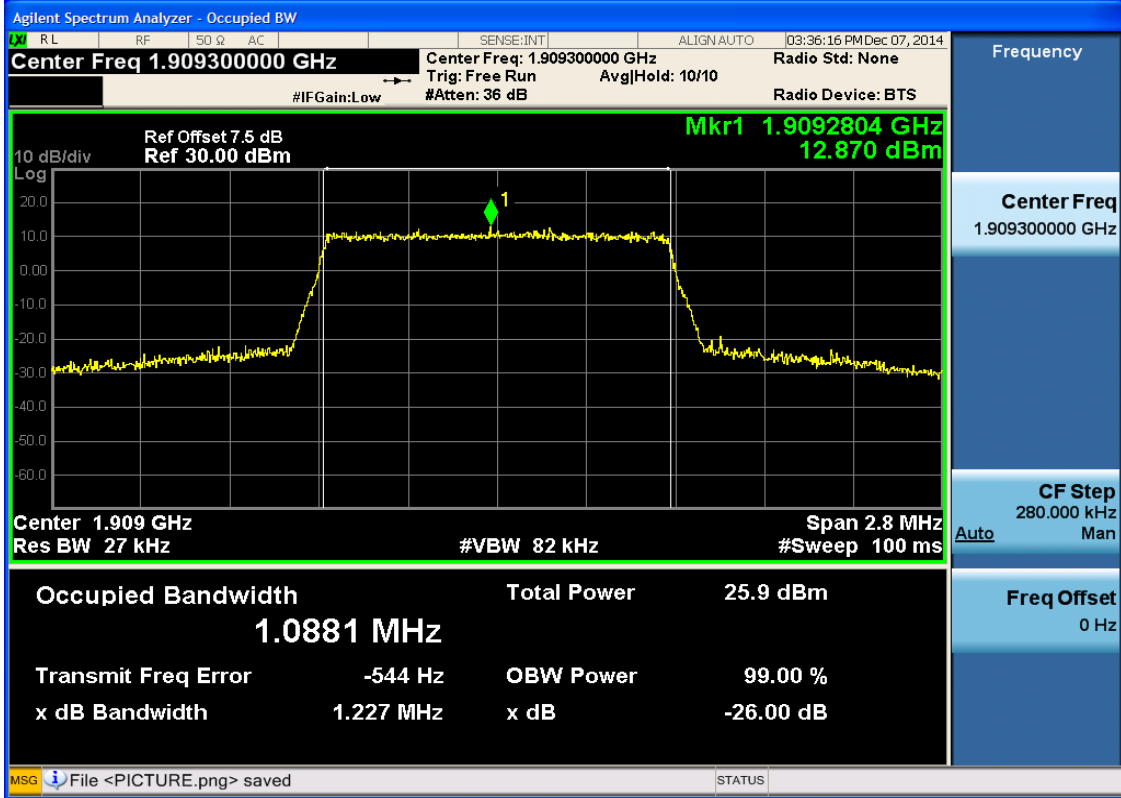
4.3.1.1.1.2.1 Test RB = RB6#0





4.3.1.1.1.3 Test Channel = HCH

4.3.1.1.1.3.1 Test RB = RB6#0

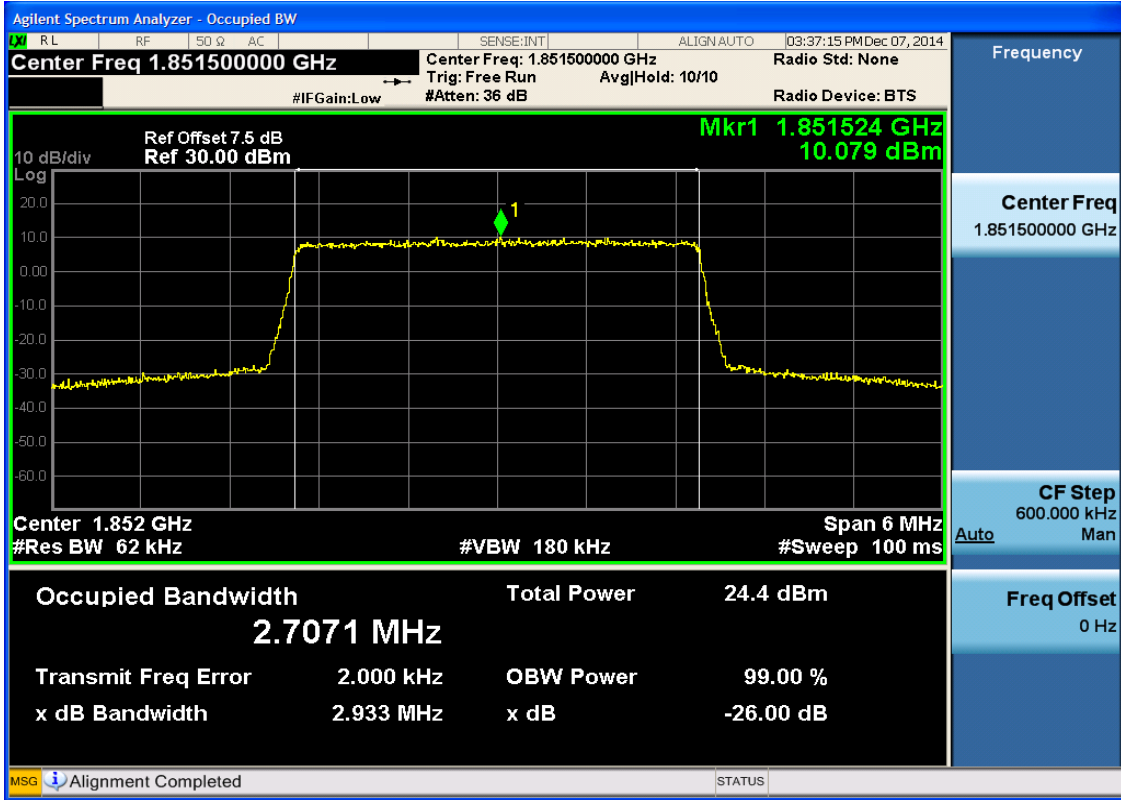




4.3.1.1.2 Test Bandwidth = 3

4.3.1.1.2.1 Test Channel = LCH

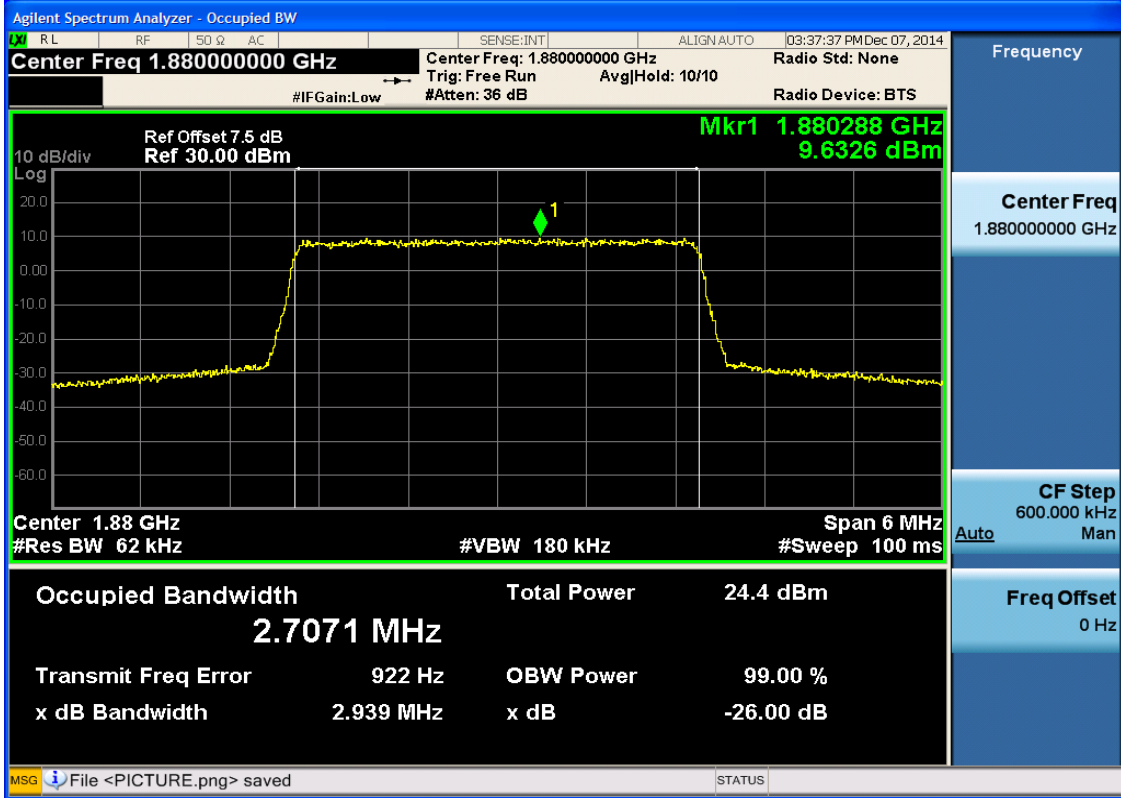
4.3.1.1.2.1.1 Test RB = RB15#0





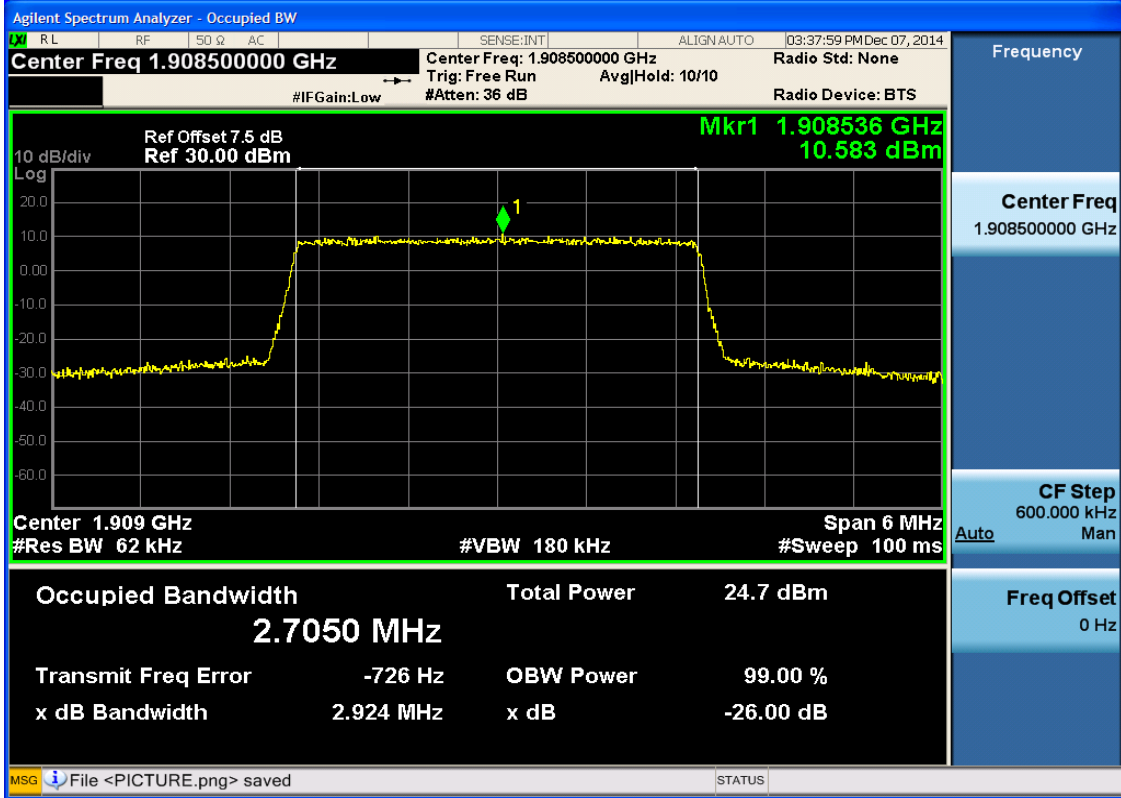
4.3.1.1.2.2 Test Channel = MCH

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

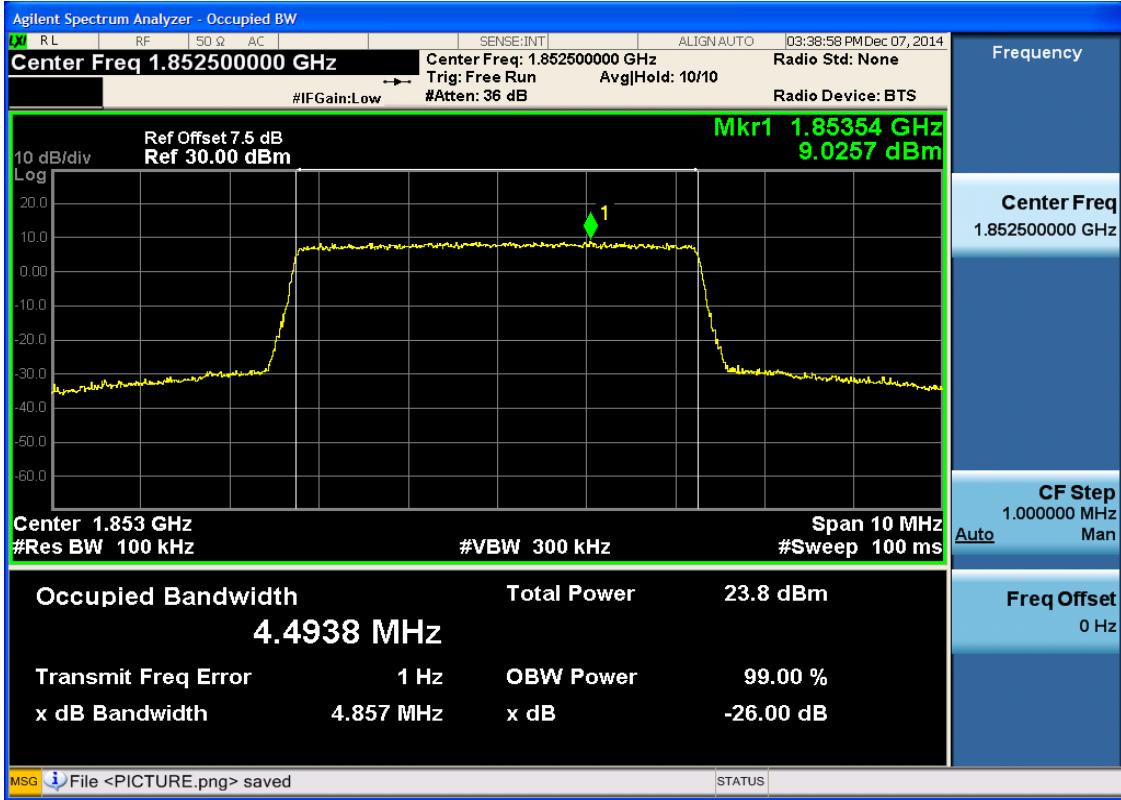




4.3.1.1.3 Test Bandwidth = 5

4.3.1.1.3.1 Test Channel = LCH

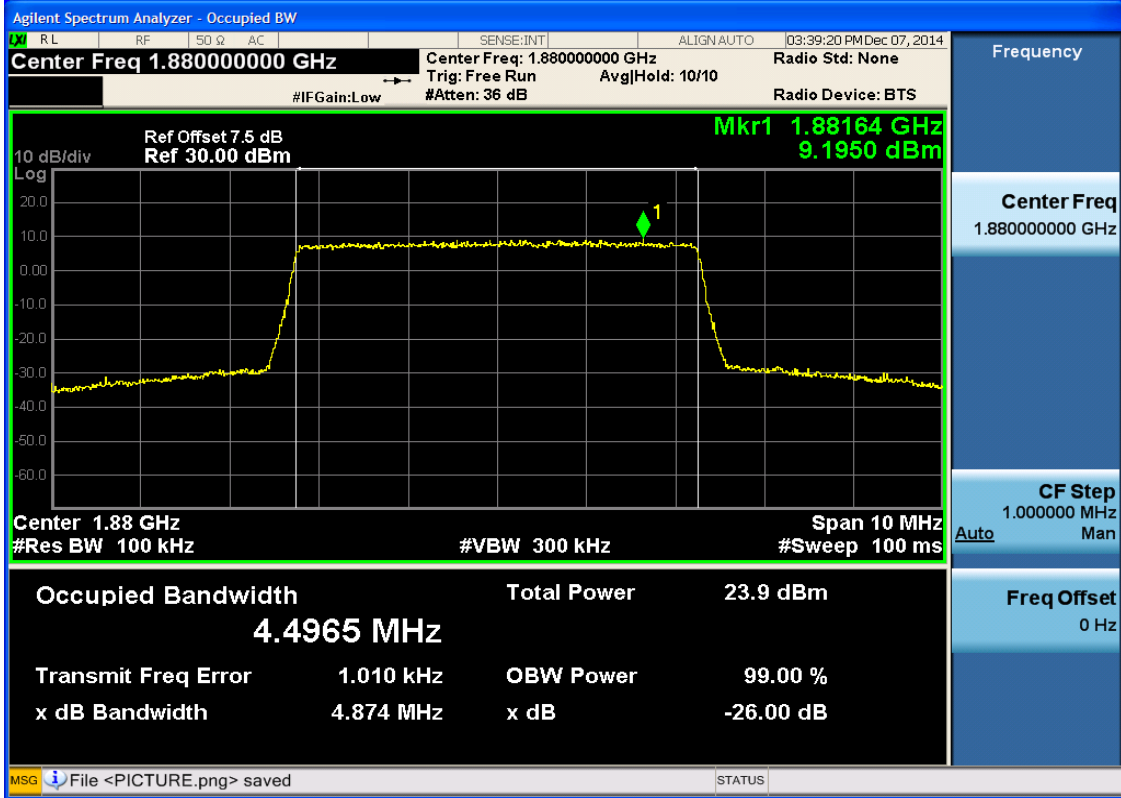
4.3.1.1.3.1.1 Test RB = RB25#0





4.3.1.1.3.2 Test Channel = MCH

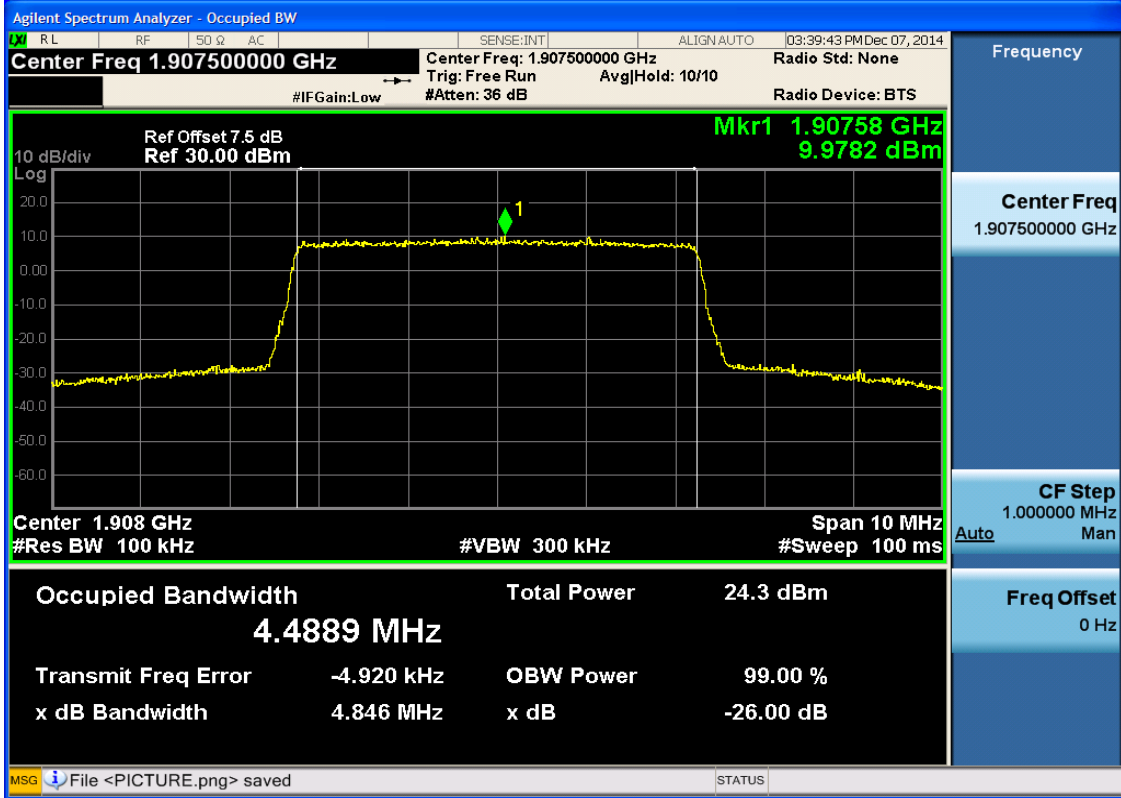
4.3.1.1.3.2.1 Test RB = RB25#0





4.3.1.1.3.3 Test Channel = HCH

4.3.1.1.3.3.1 Test RB = RB25#0

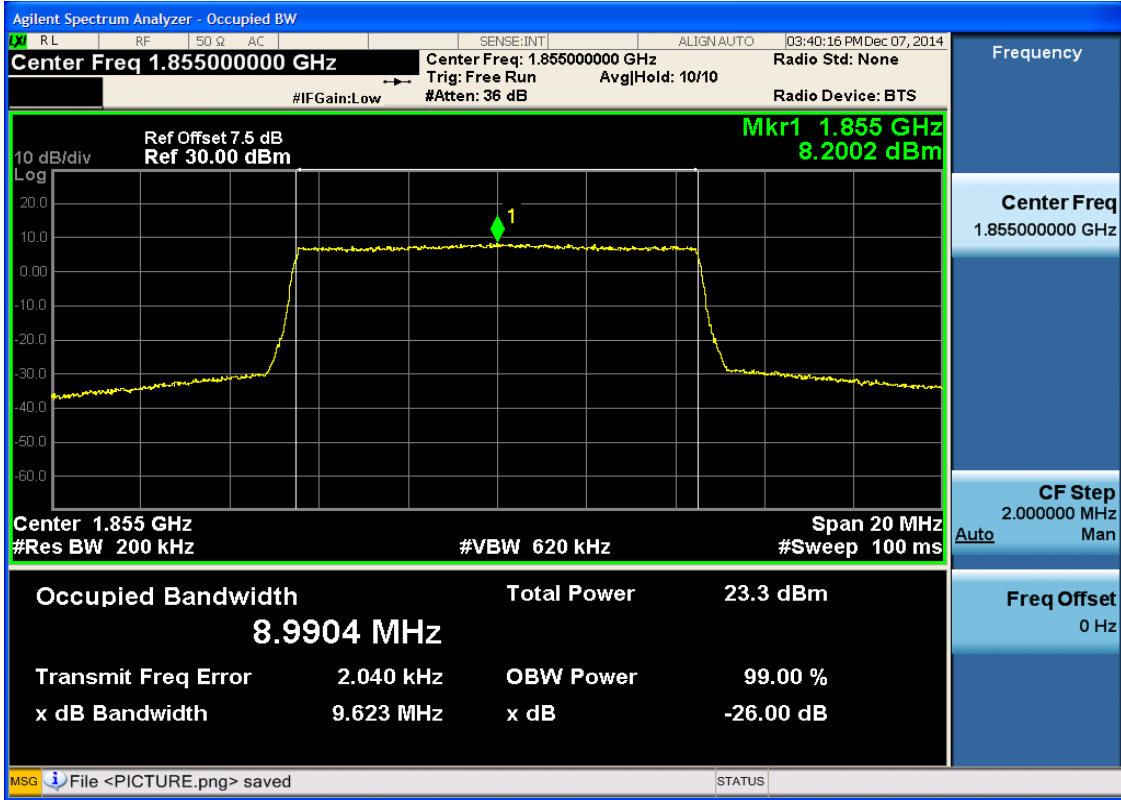




4.3.1.1.4 Test Bandwidth = 10

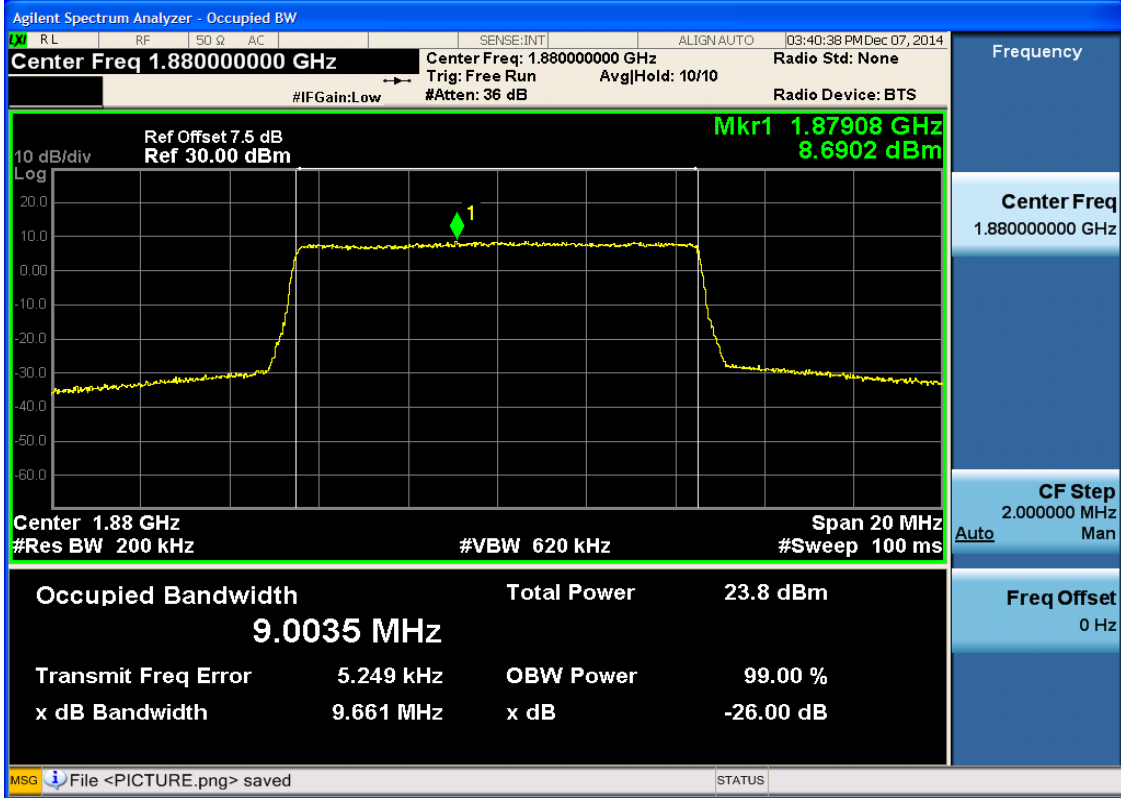
4.3.1.1.4.1 Test Channel = LCH

4.3.1.1.4.1.1 Test RB = RB50#0



4.3.1.1.4.2 Test Channel = MCH

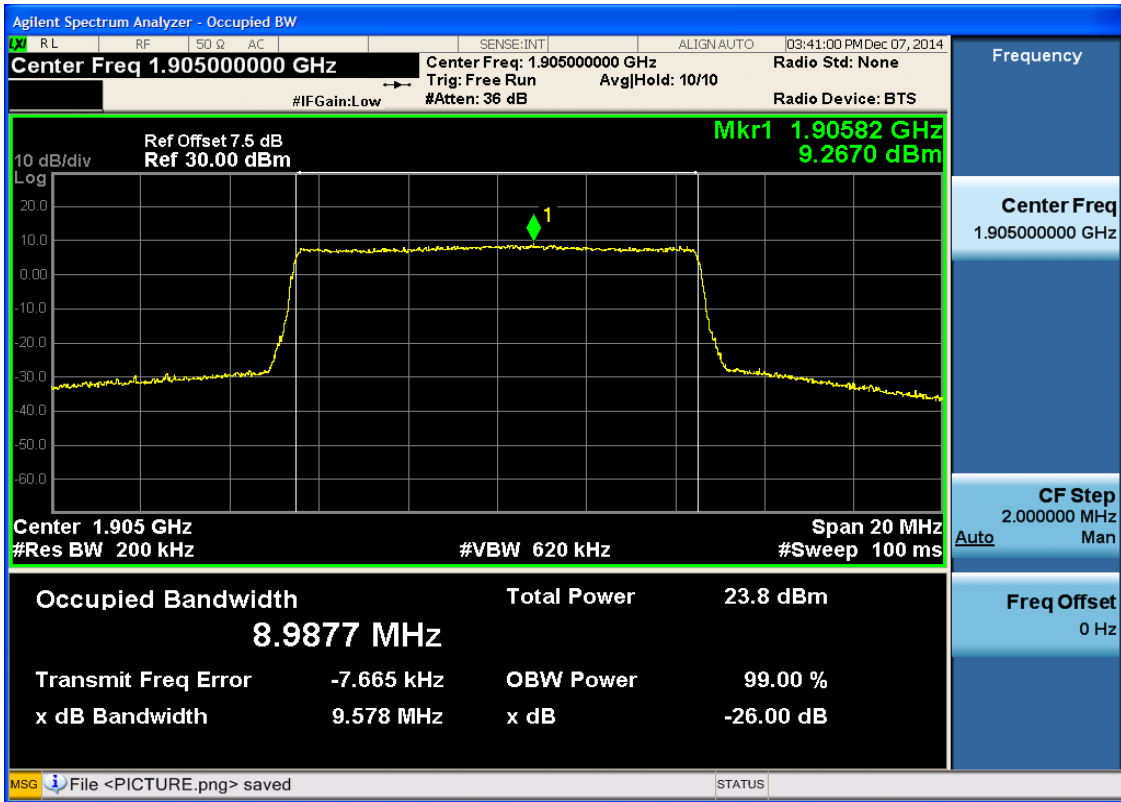
4.3.1.1.4.2.1 Test RB = RB50#0





4.3.1.1.4.3 Test Channel = HCH

4.3.1.1.4.3.1 Test RB = RB50#0

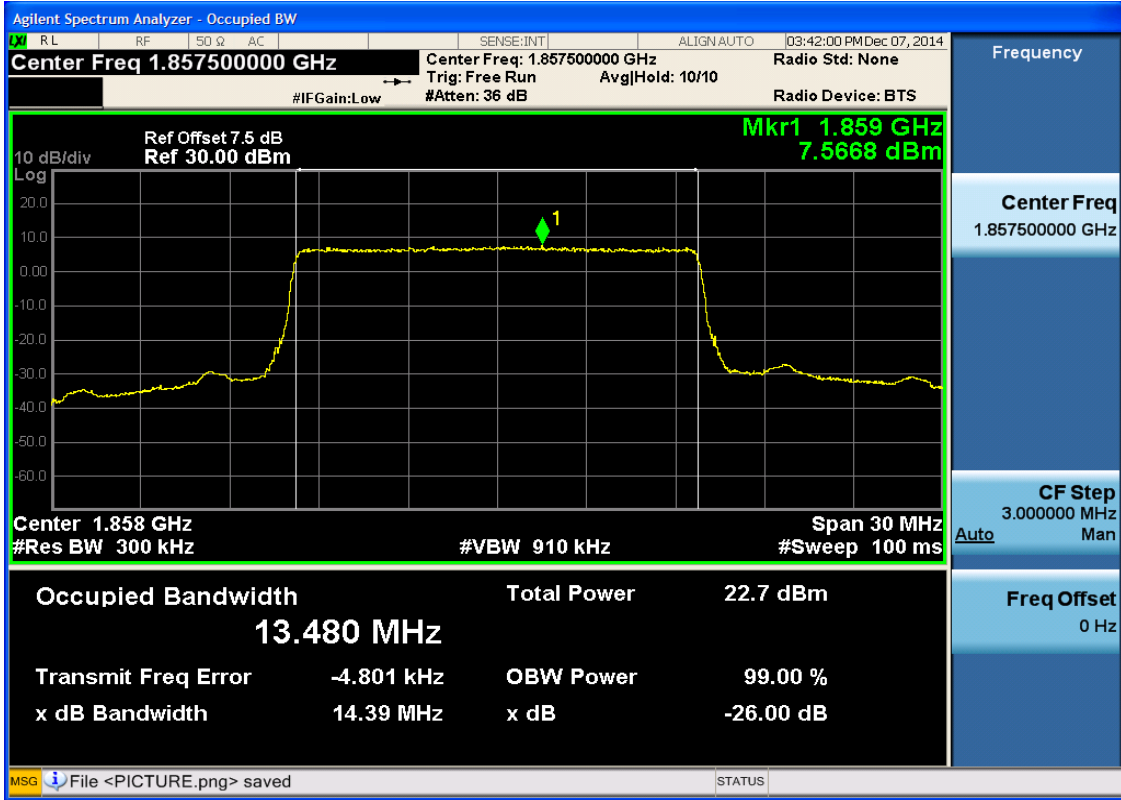




4.3.1.1.5 Test Bandwidth = 15

4.3.1.1.5.1 Test Channel = LCH

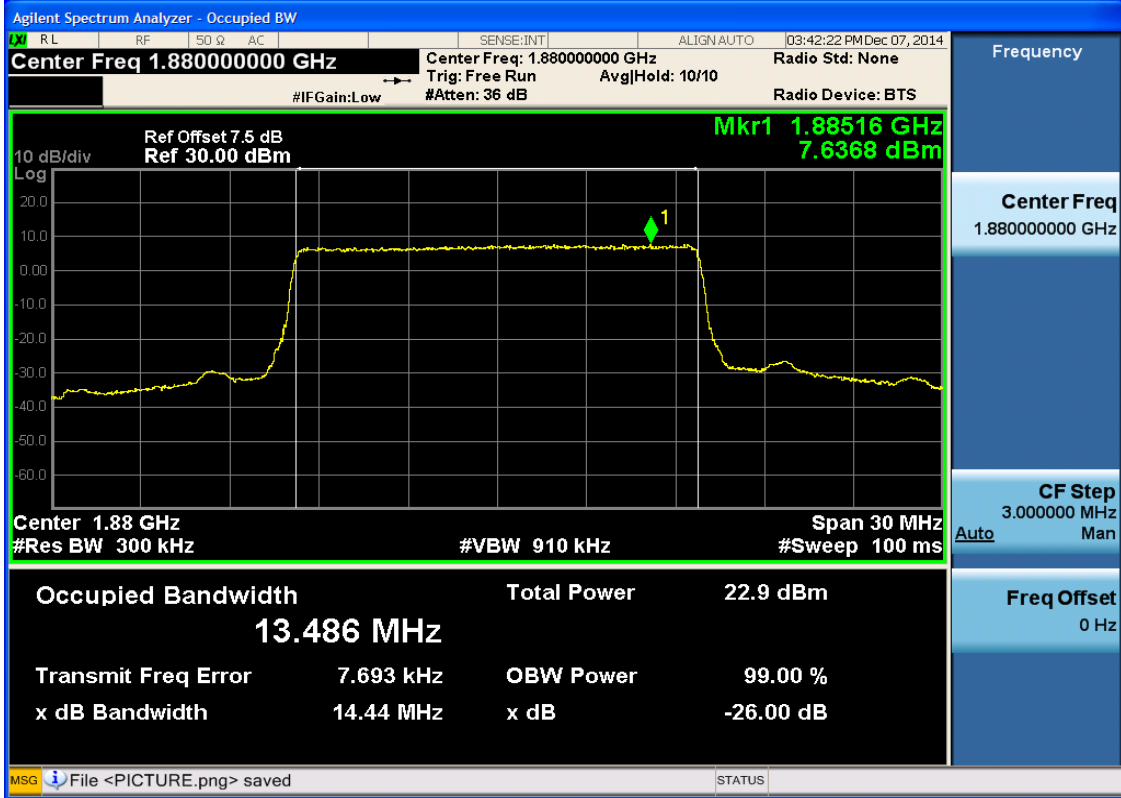
4.3.1.1.5.1.1 Test RB = RB75#0





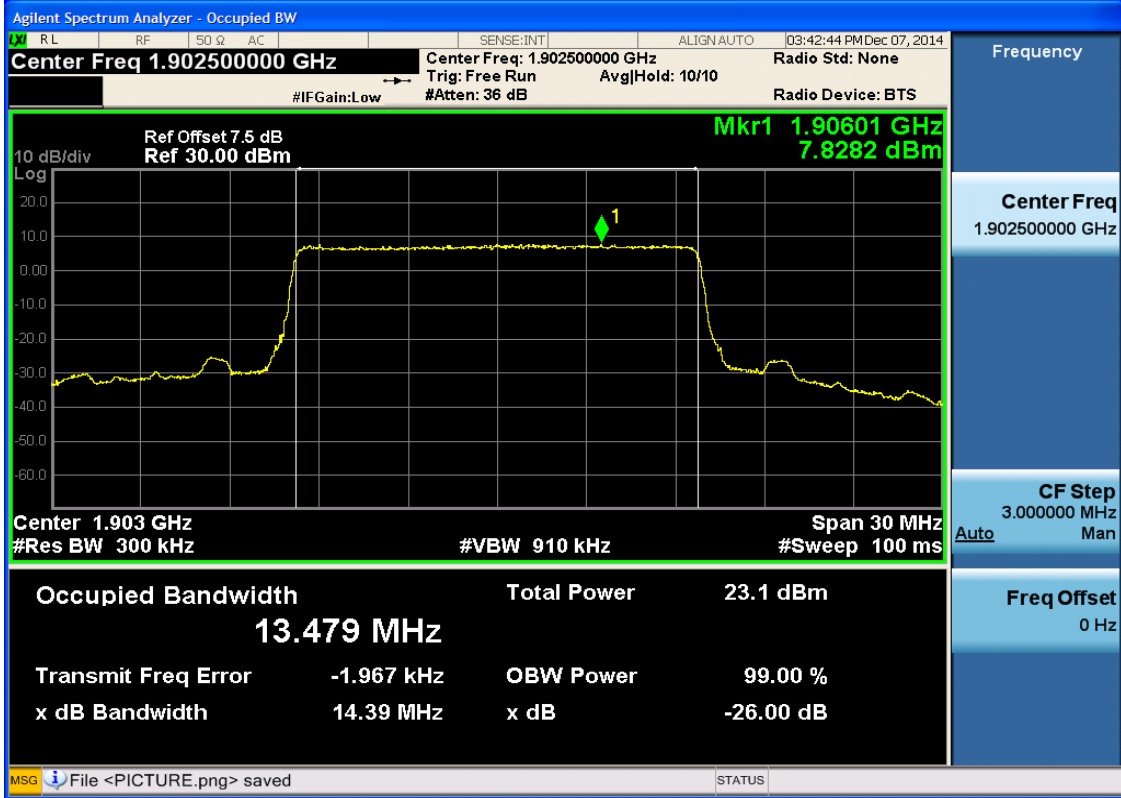
4.3.1.1.5.2 Test Channel = MCH

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

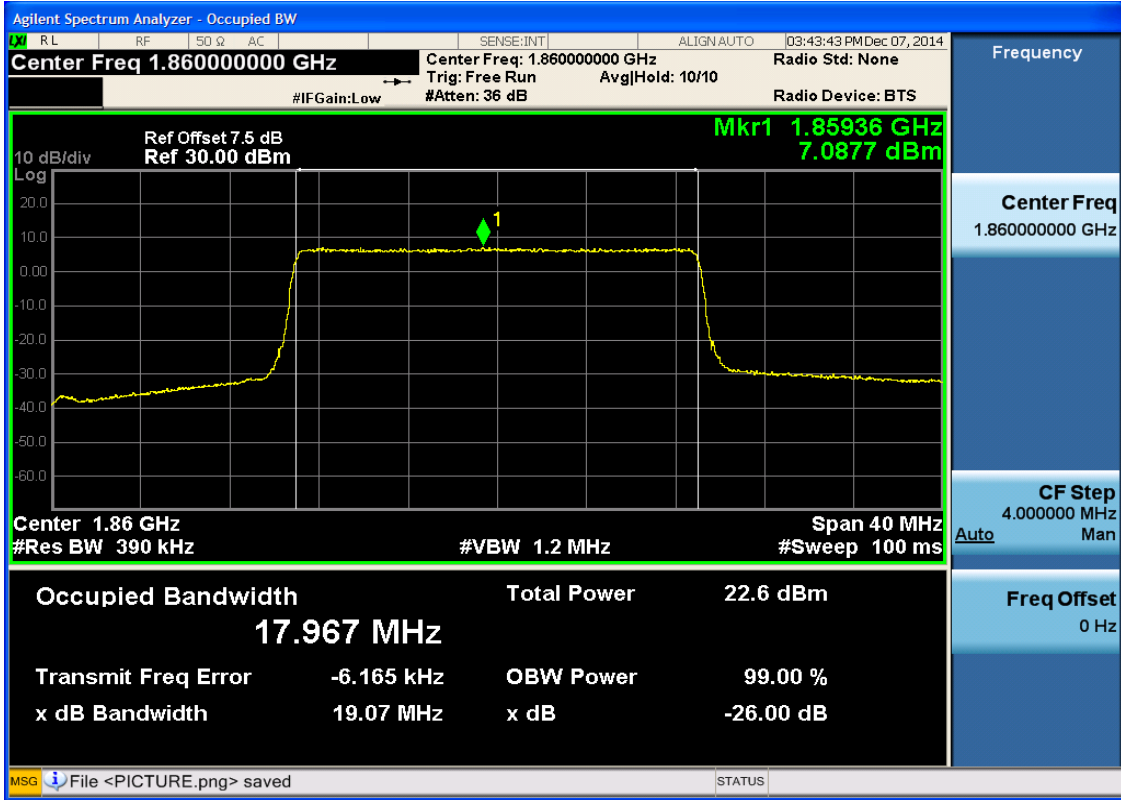




4.3.1.1.6 Test Bandwidth = 20

4.3.1.1.6.1 Test Channel = LCH

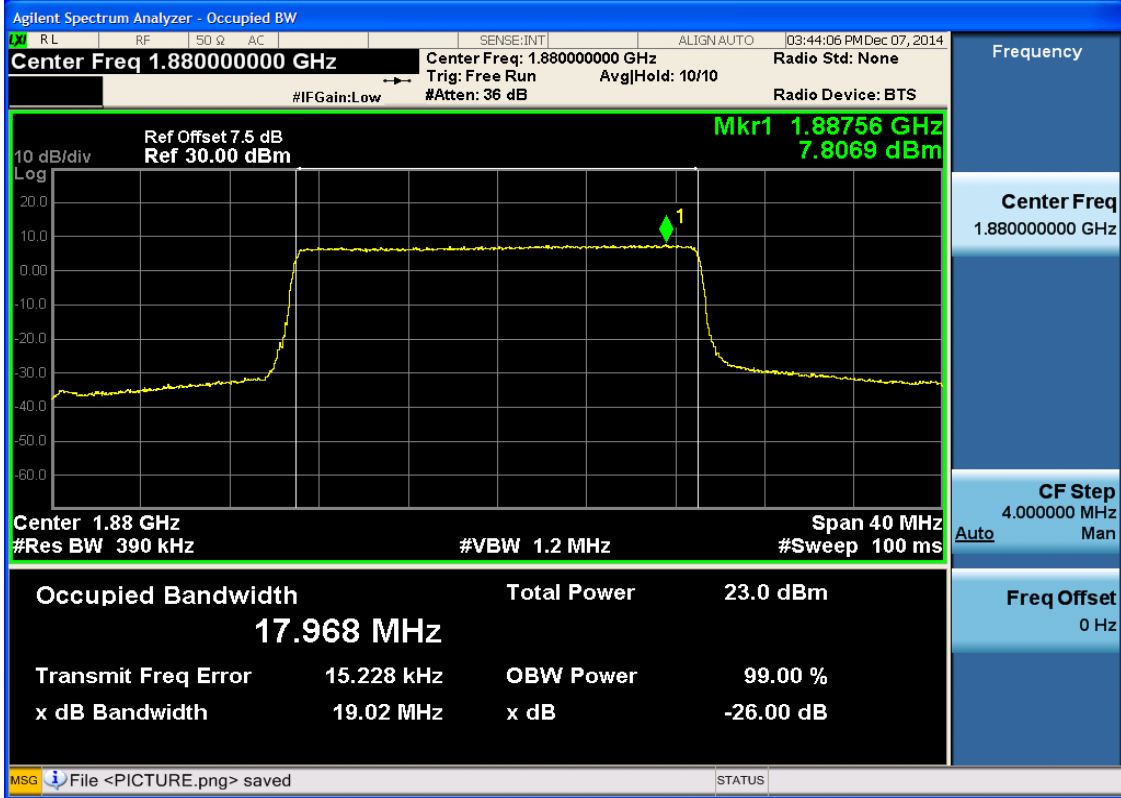
4.3.1.1.6.1.1 Test RB = RB100#0





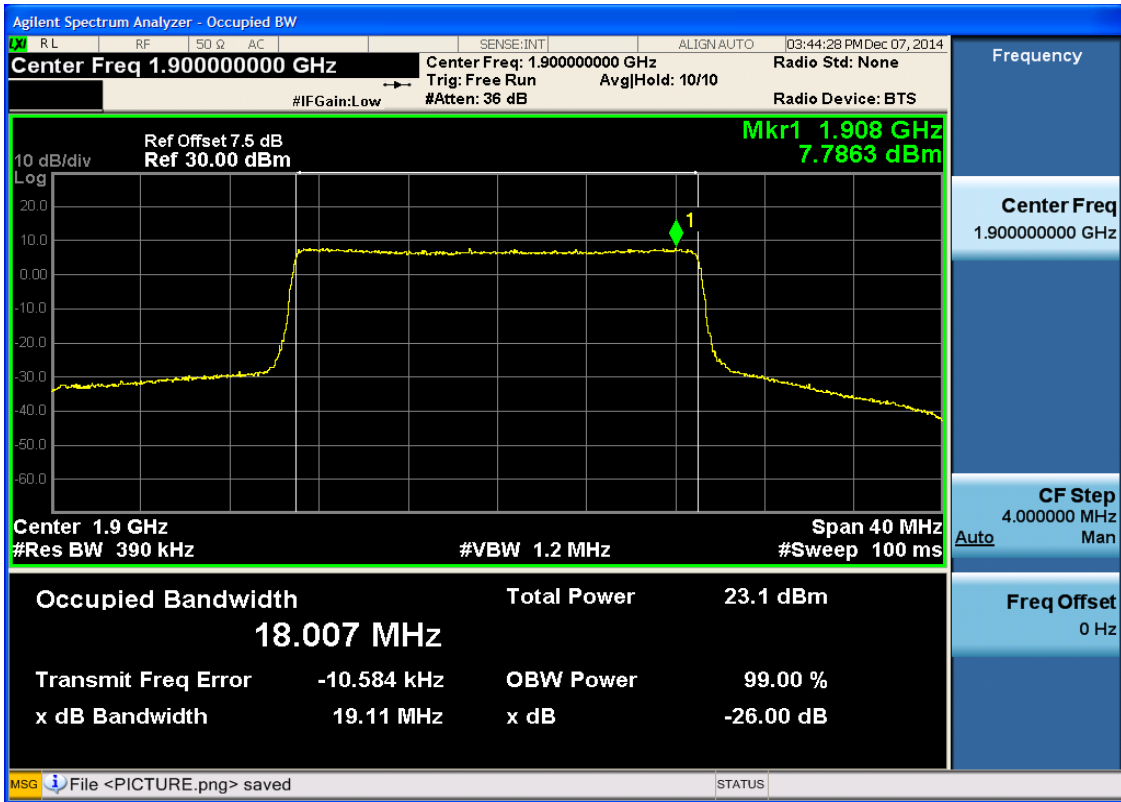
4.3.1.1.6.2 Test Channel = MCH

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

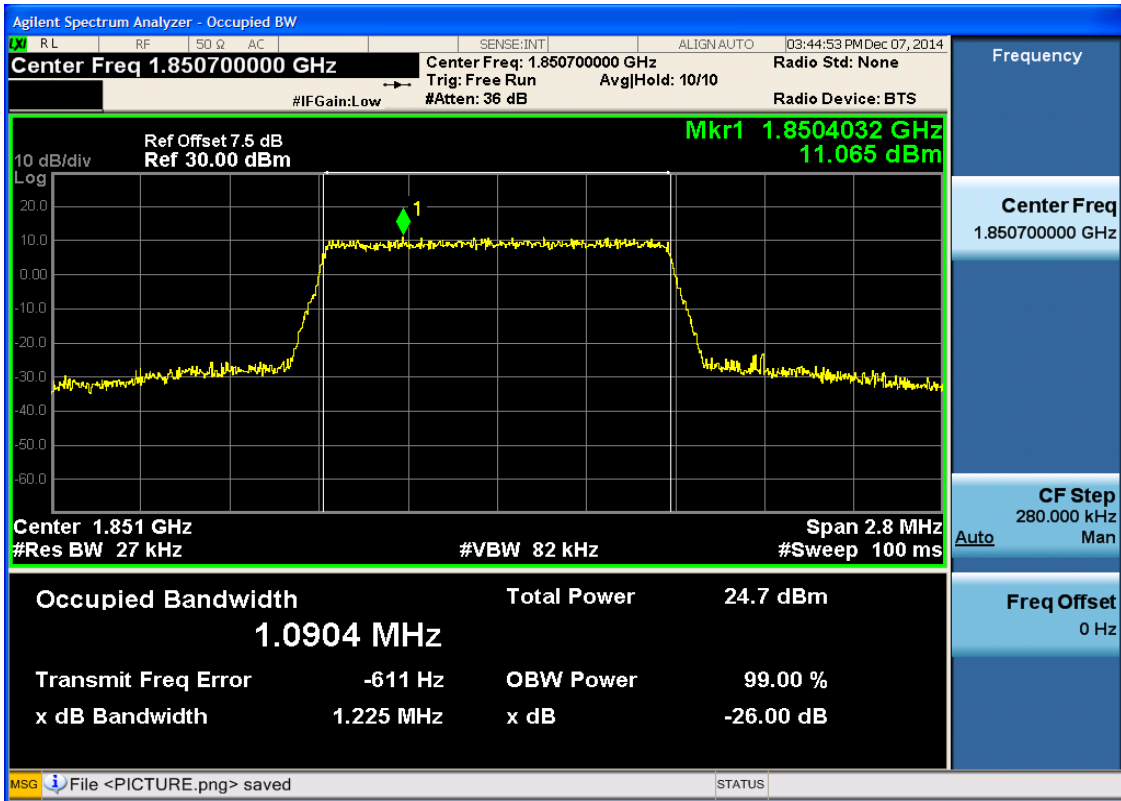


4.3.1.2 Test Mode = LTE/TM2

4.3.1.2.1 Test Bandwidth = 1.4

4.3.1.2.1.1 Test Channel = LCH

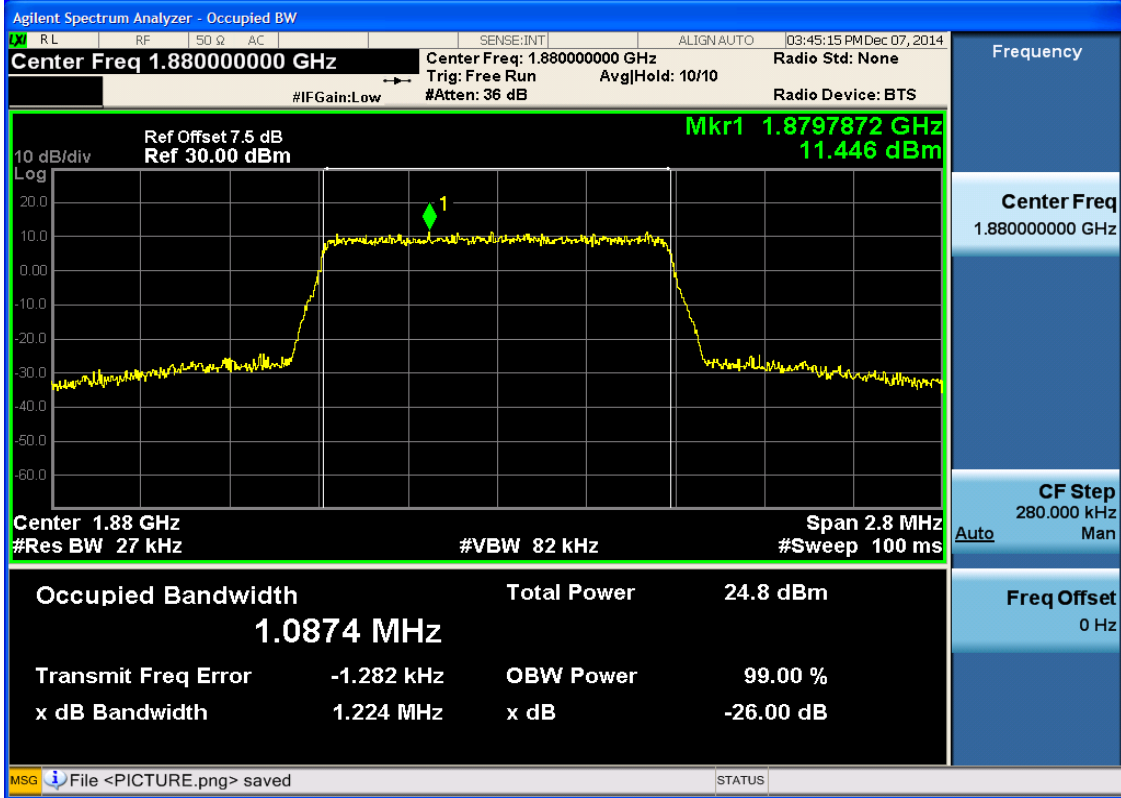
4.3.1.2.1.1.1 Test RB = RB6#0





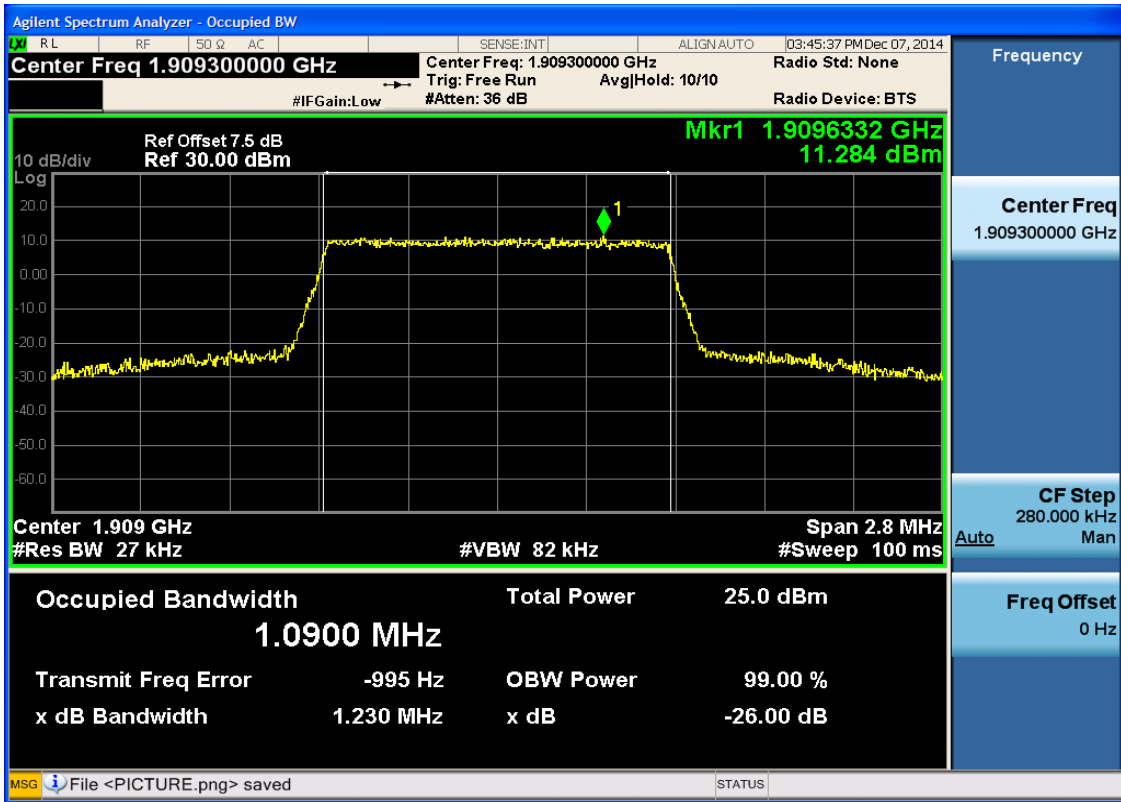
4.3.1.2.1.2 Test Channel = MCH

4.3.1.2.1.2.1 Test RB = RB6#0



4.3.1.2.1.3 Test Channel = HCH

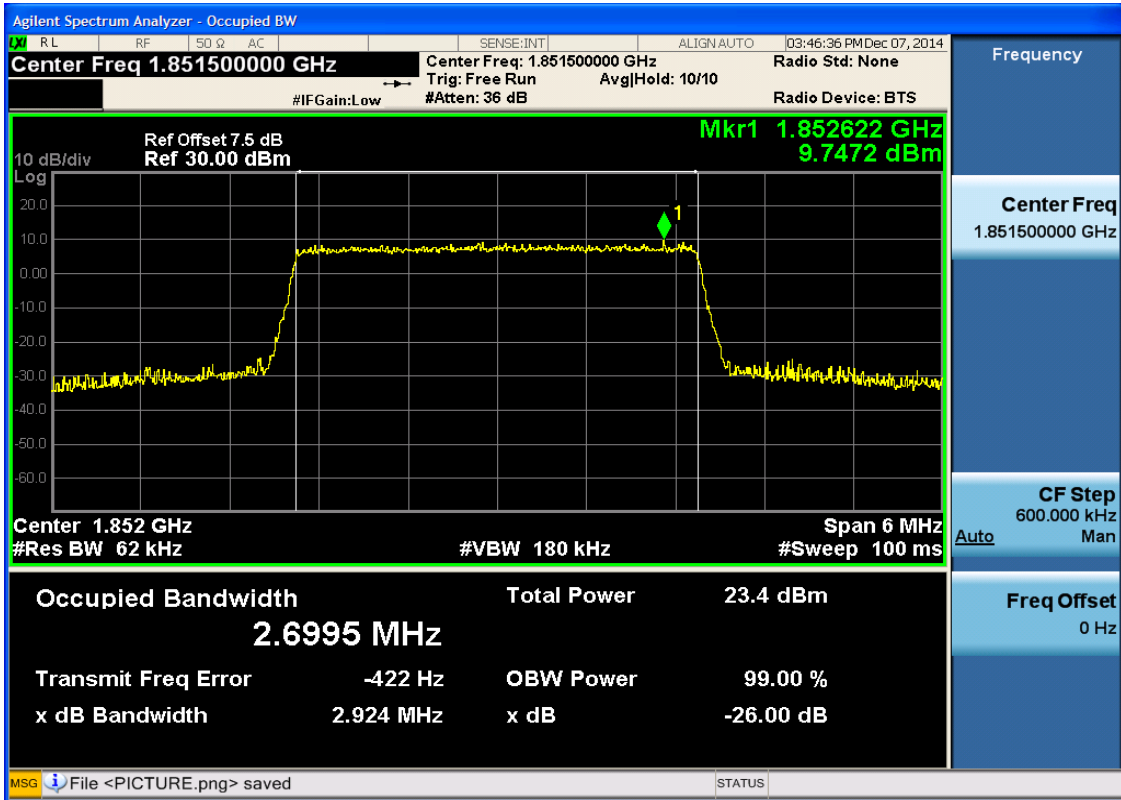
4.3.1.2.1.3.1 Test RB = RB6#0



4.3.1.2.2 Test Bandwidth = 3

4.3.1.2.2.1 Test Channel = LCH

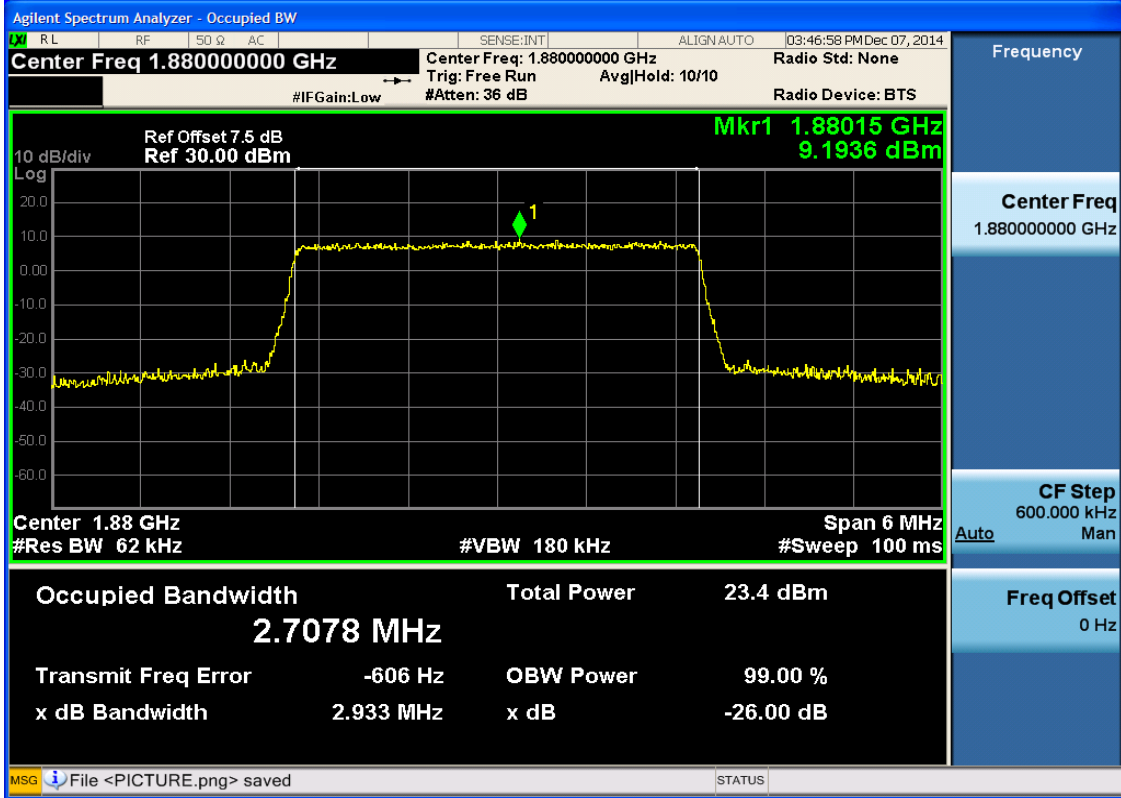
4.3.1.2.2.1.1 Test RB = RB15#0





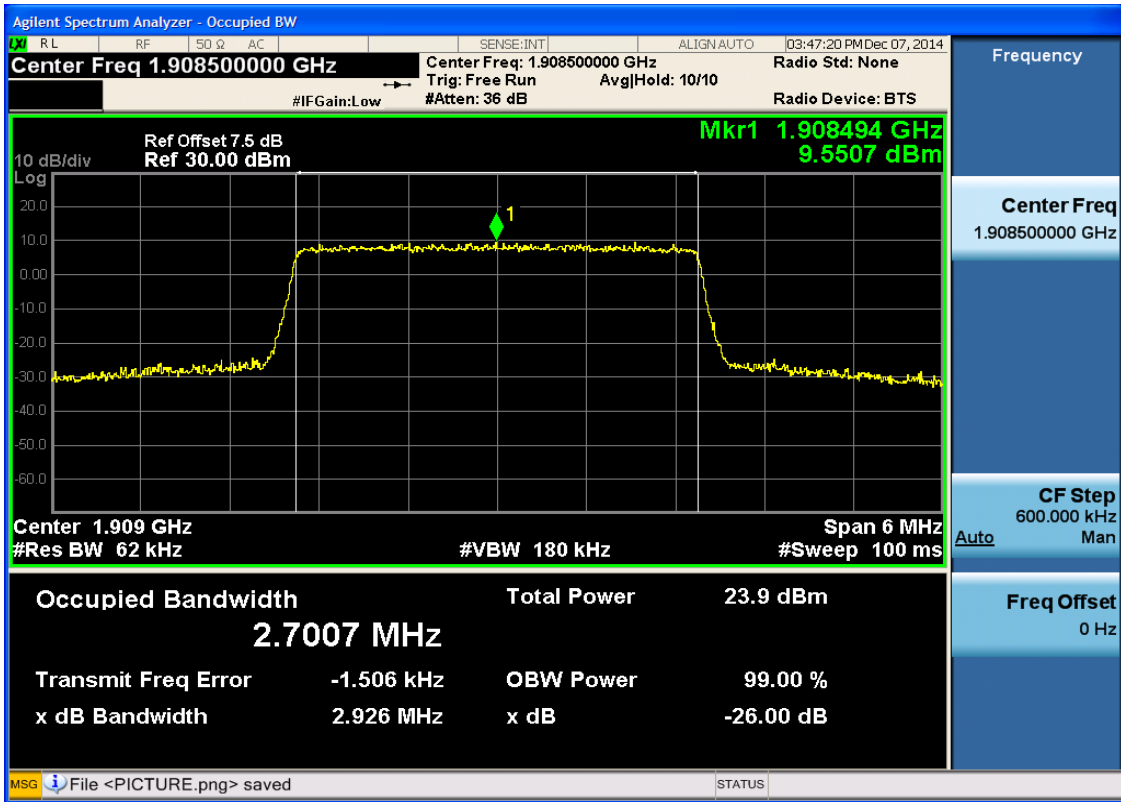
4.3.1.2.2.2 Test Channel = MCH

4.3.1.2.2.1 Test RB = RB15#0



4.3.1.2.2.3 Test Channel = HCH

4.3.1.2.2.3.1 Test RB = RB15#0

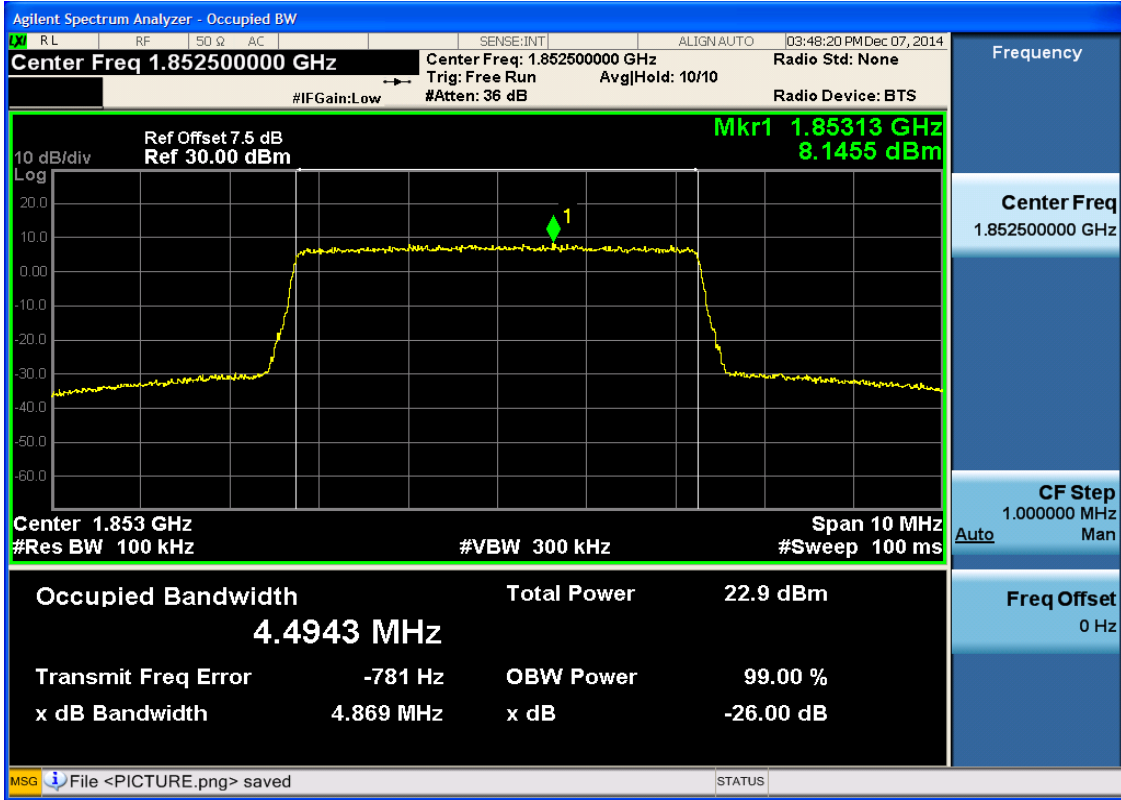




4.3.1.2.3 Test Bandwidth = 5

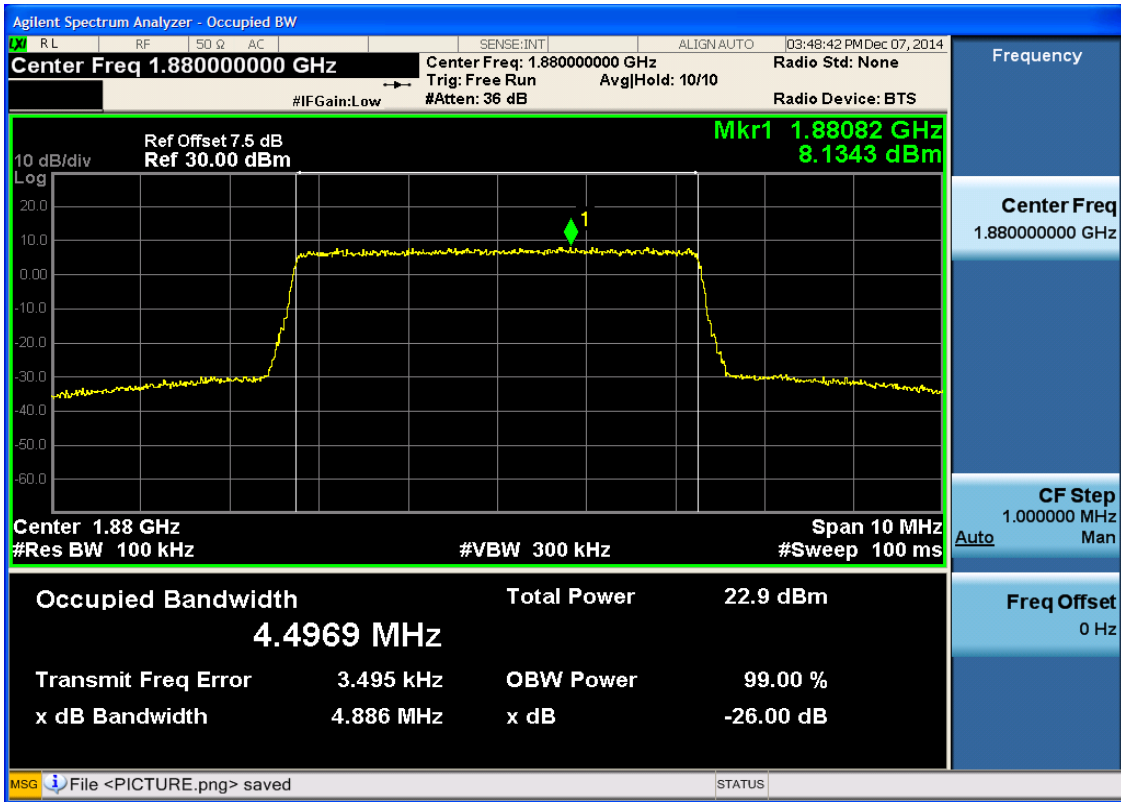
4.3.1.2.3.1 Test Channel = LCH

4.3.1.2.3.1.1 Test RB = RB25#0



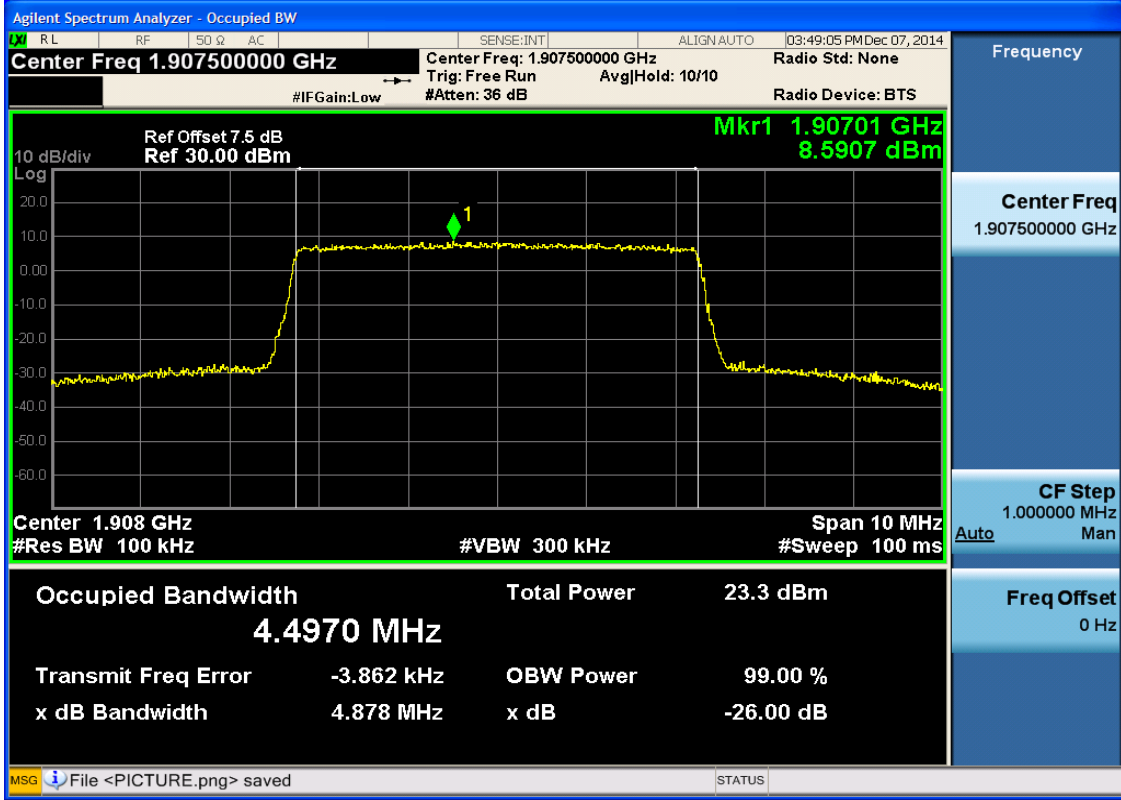
4.3.1.2.3.2 Test Channel = MCH

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

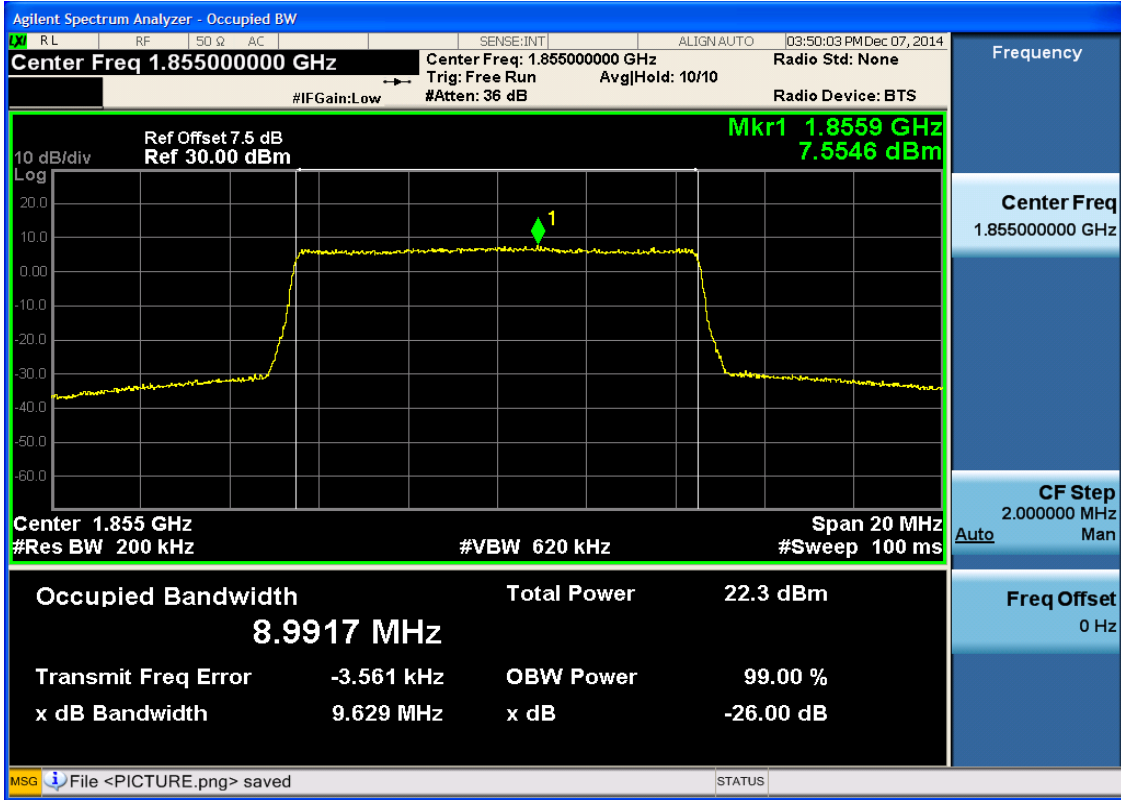




4.3.1.2.4 Test Bandwidth = 10

4.3.1.2.4.1 Test Channel = LCH

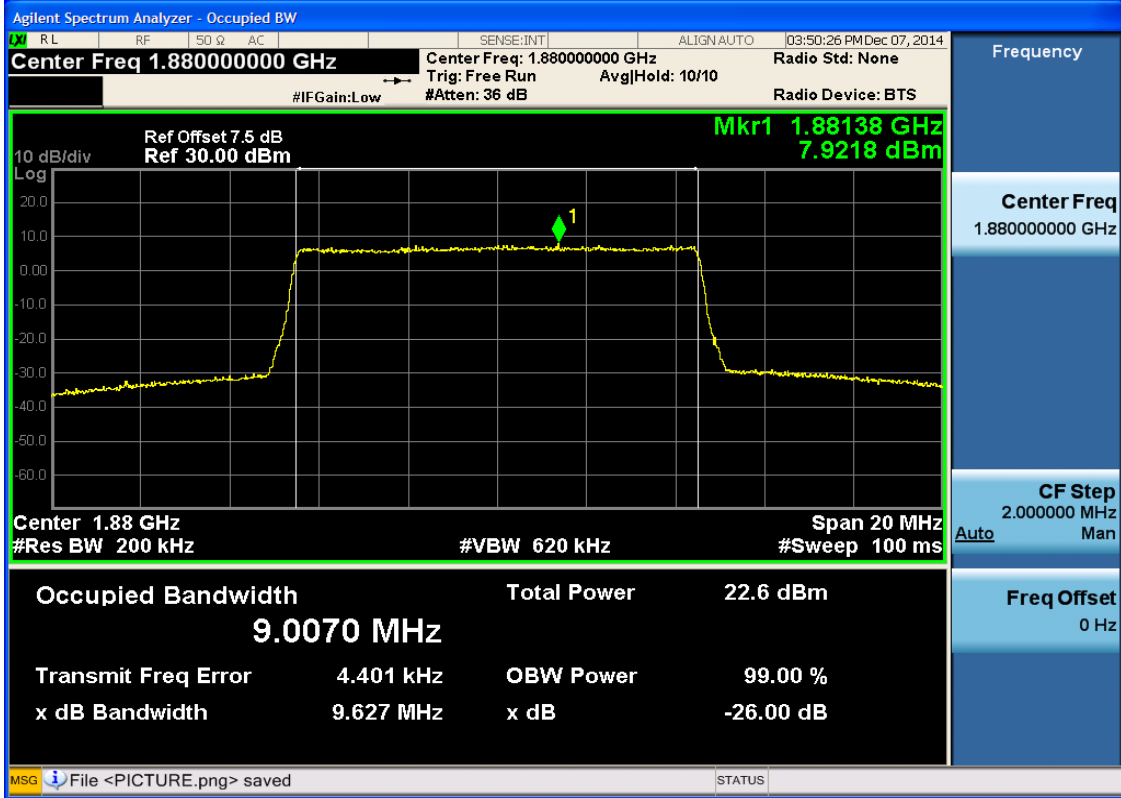
4.3.1.2.4.1.1 Test RB = RB50#0





4.3.1.2.4.2 Test Channel = MCH

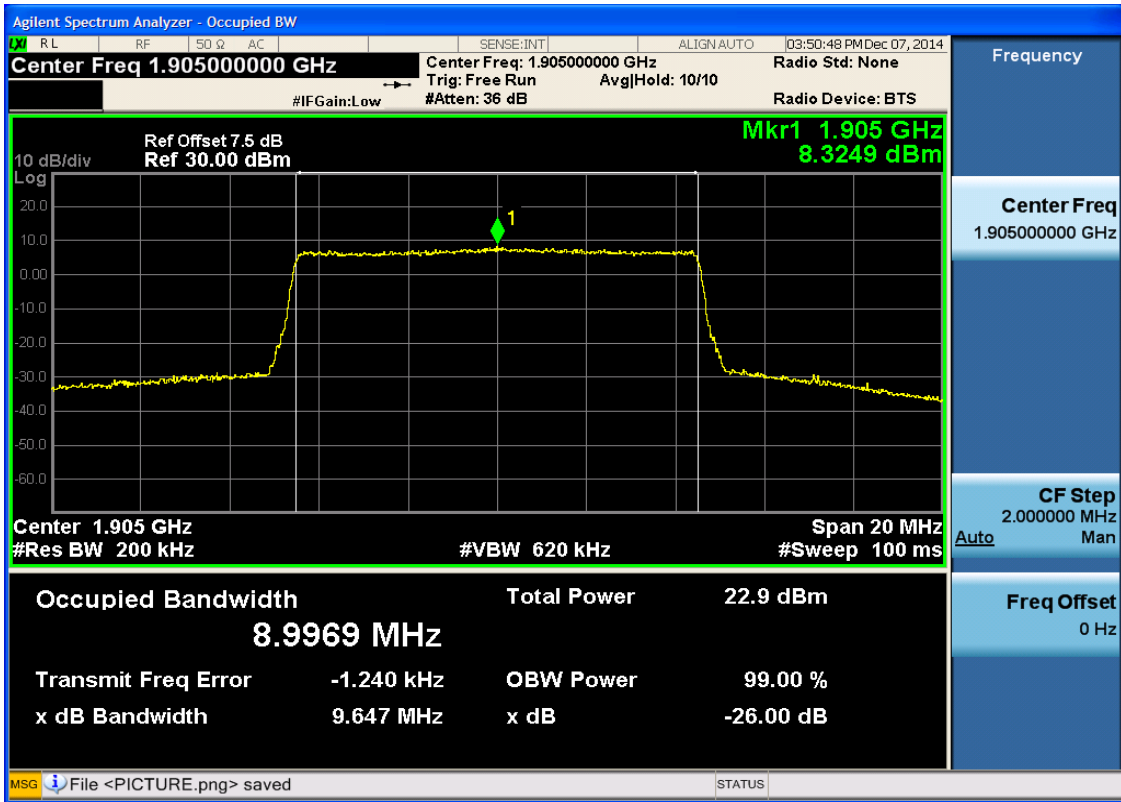
4.3.1.2.4.2.1 Test RB = RB50#0





4.3.1.2.4.3 Test Channel = HCH

4.3.1.2.4.3.1 Test RB = RB50#0

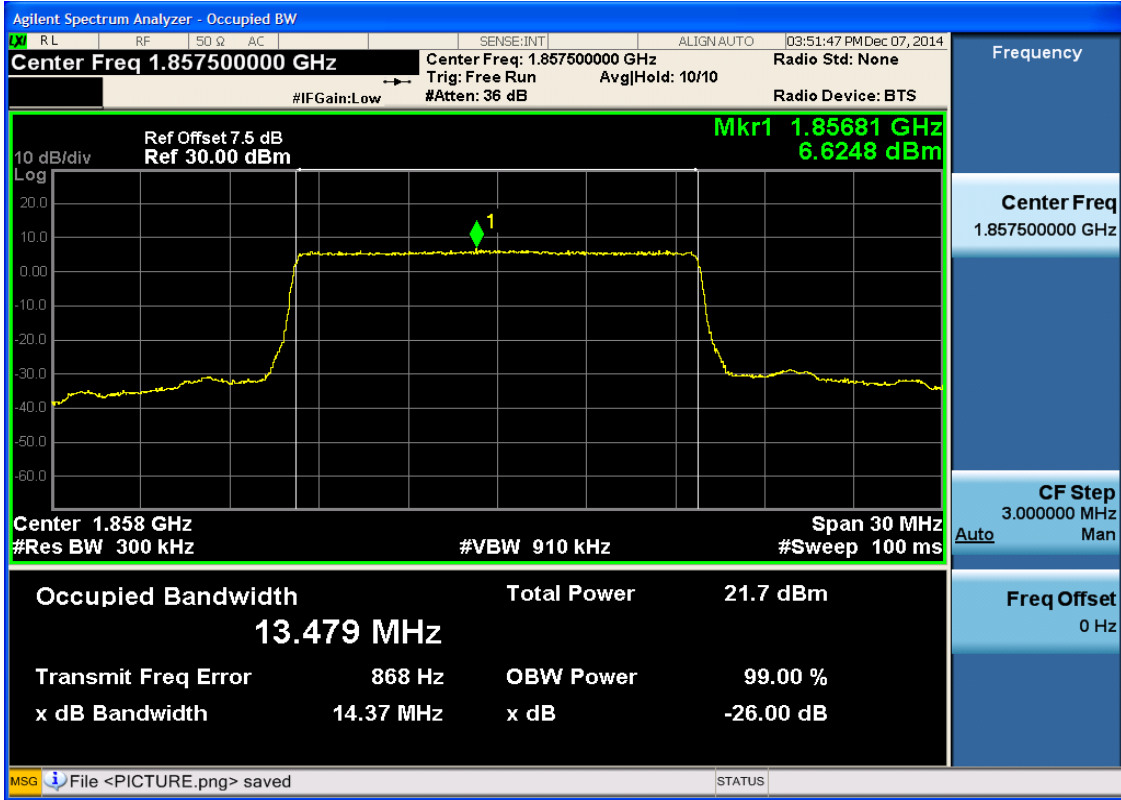




4.3.1.2.5 Test Bandwidth = 15

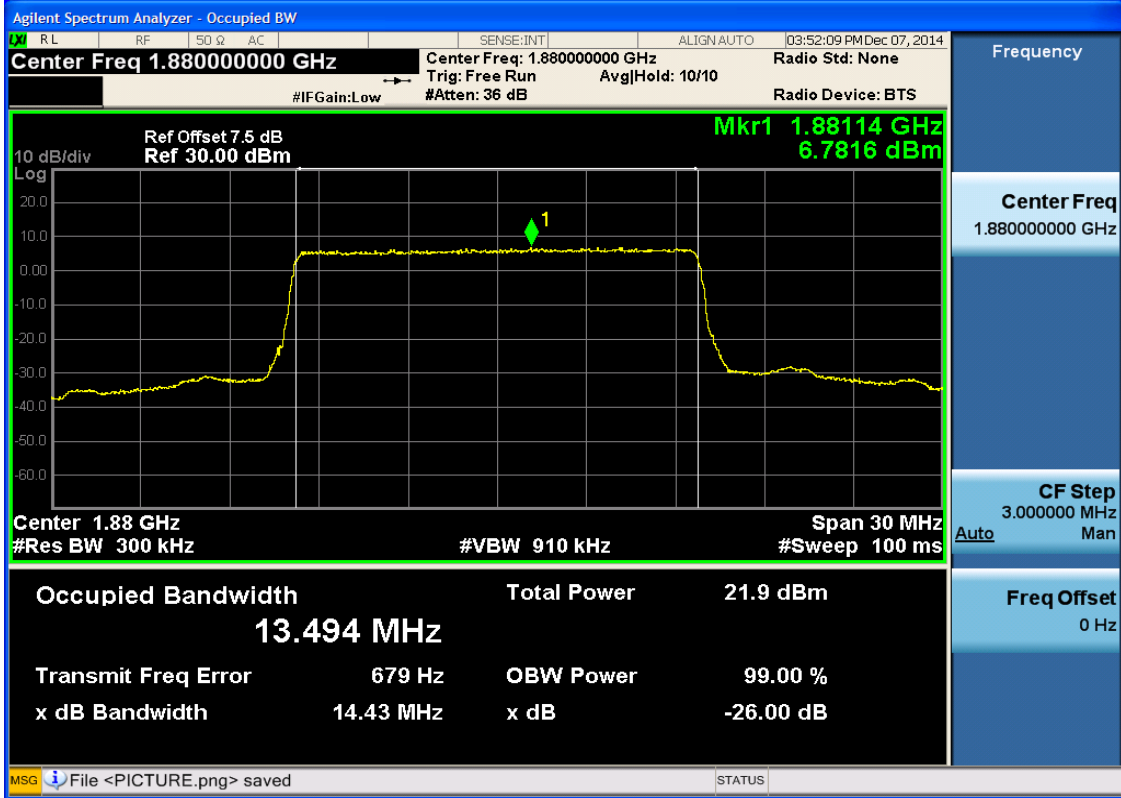
4.3.1.2.5.1 Test Channel = LCH

4.3.1.2.5.1.1 Test RB = RB75#0



4.3.1.2.5.2 Test Channel = MCH

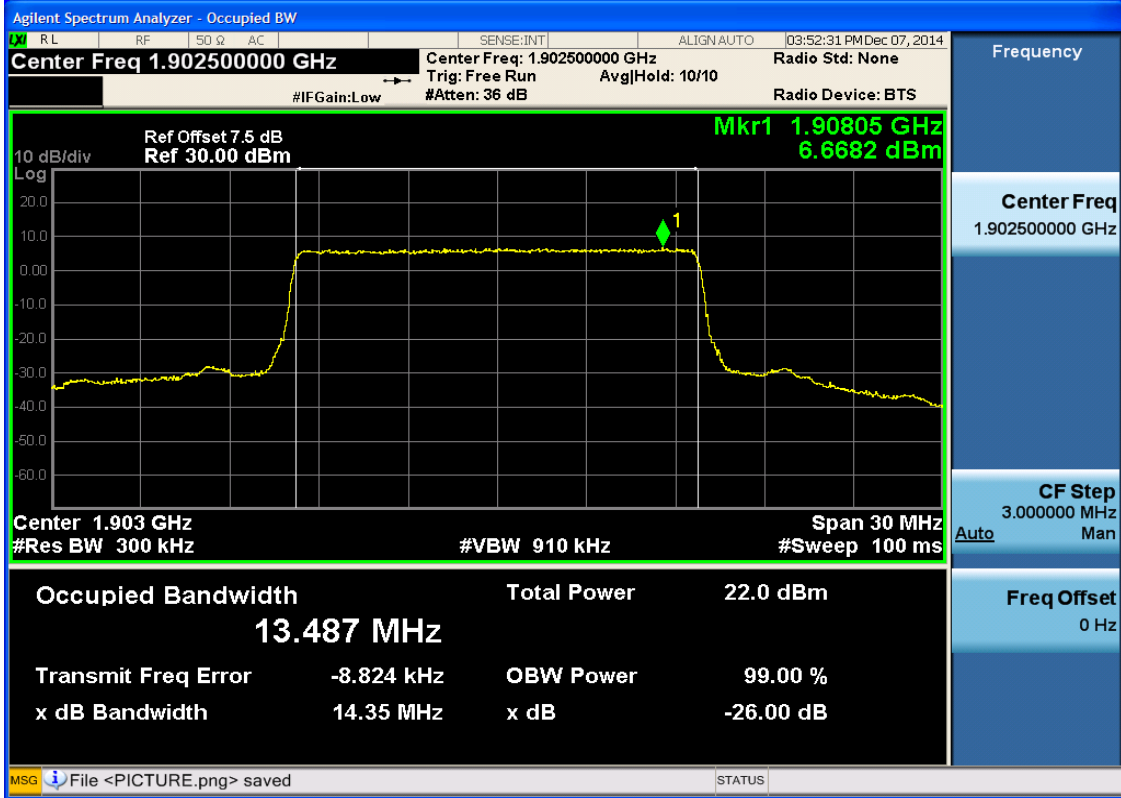
4.3.1.2.5.2.1 Test RB = RB75#0





4.3.1.2.5.3 Test Channel = HCH

4.3.1.2.5.3.1 Test RB = RB75#0

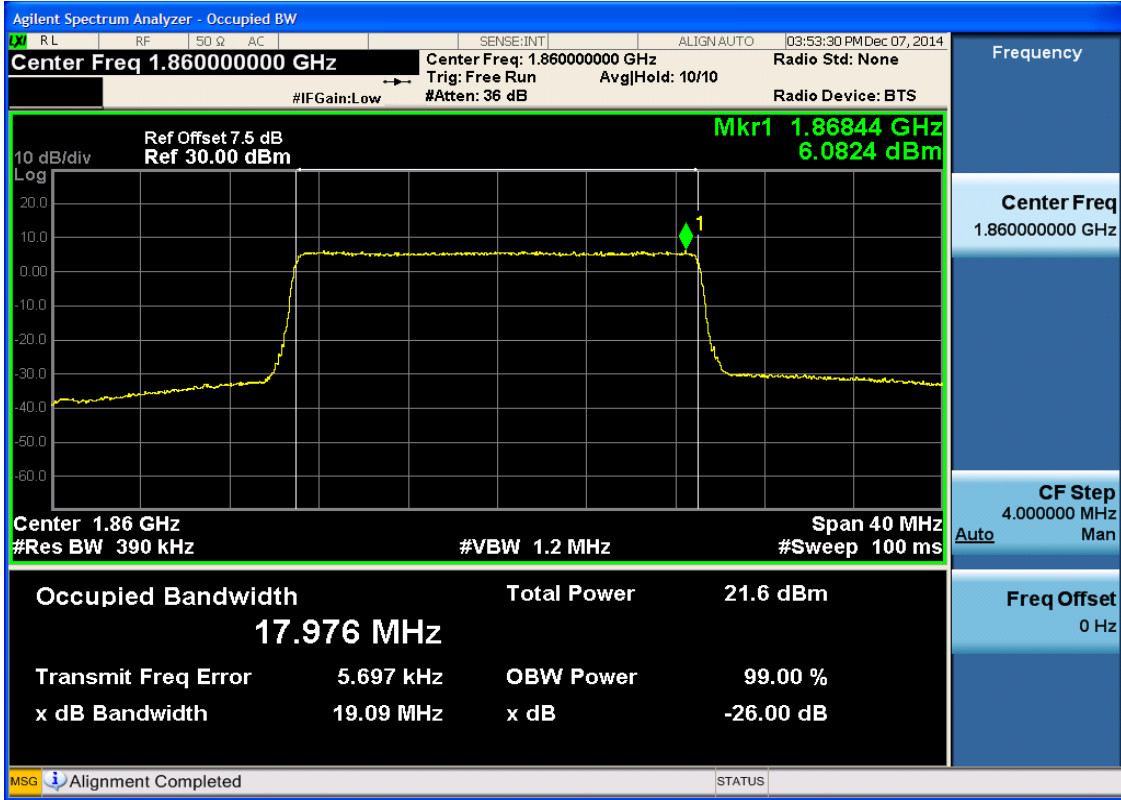




4.3.1.2.6 Test Bandwidth = 20

4.3.1.2.6.1 Test Channel = LCH

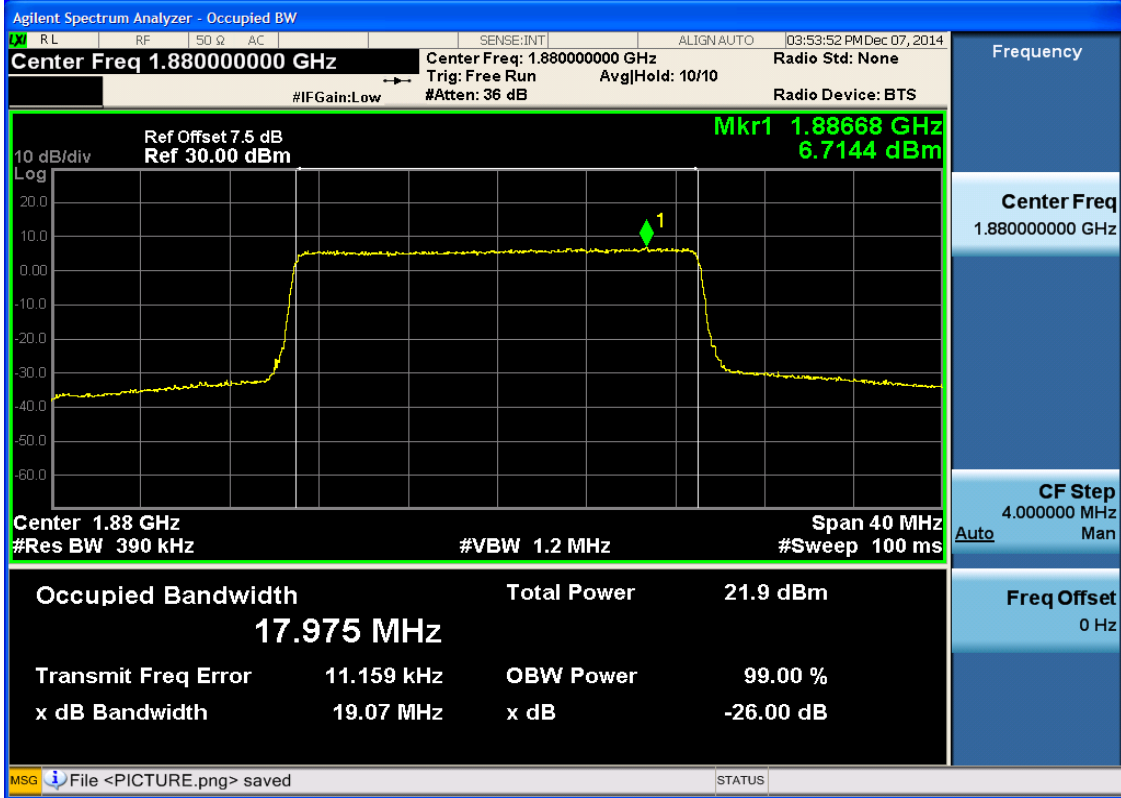
4.3.1.2.6.1.1 Test RB = RB100#0





4.3.1.2.6.2 Test Channel = MCH

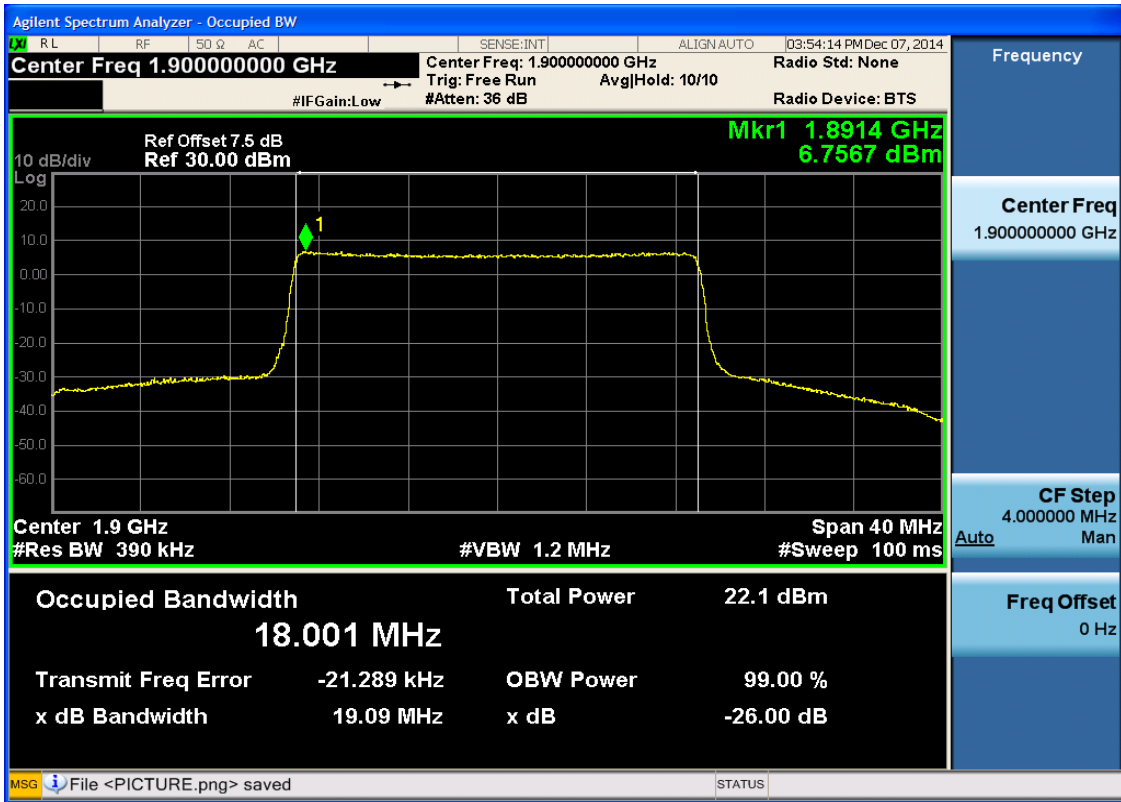
4.3.1.2.6.2.1 Test RB = RB100#0





4.3.1.2.6.3 Test Channel = HCH

4.3.1.2.6.3.1 Test RB = RB100#0





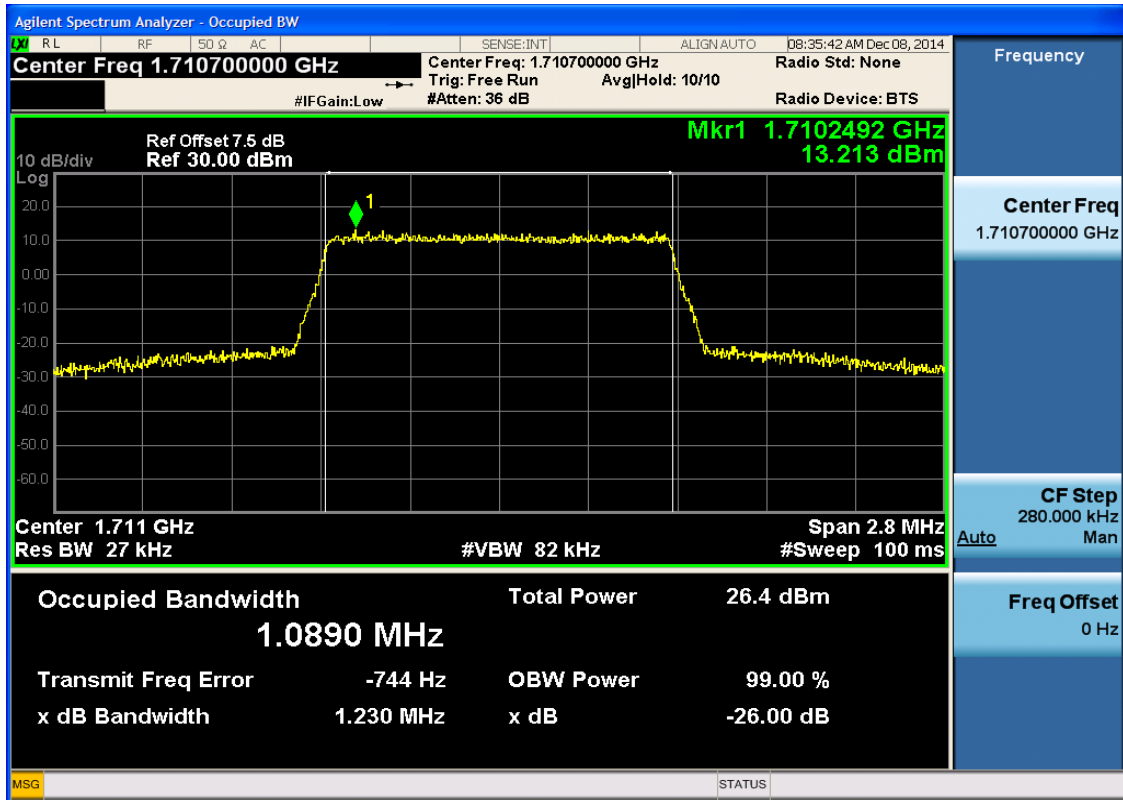
4.3.2 Test Band = BAND4

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

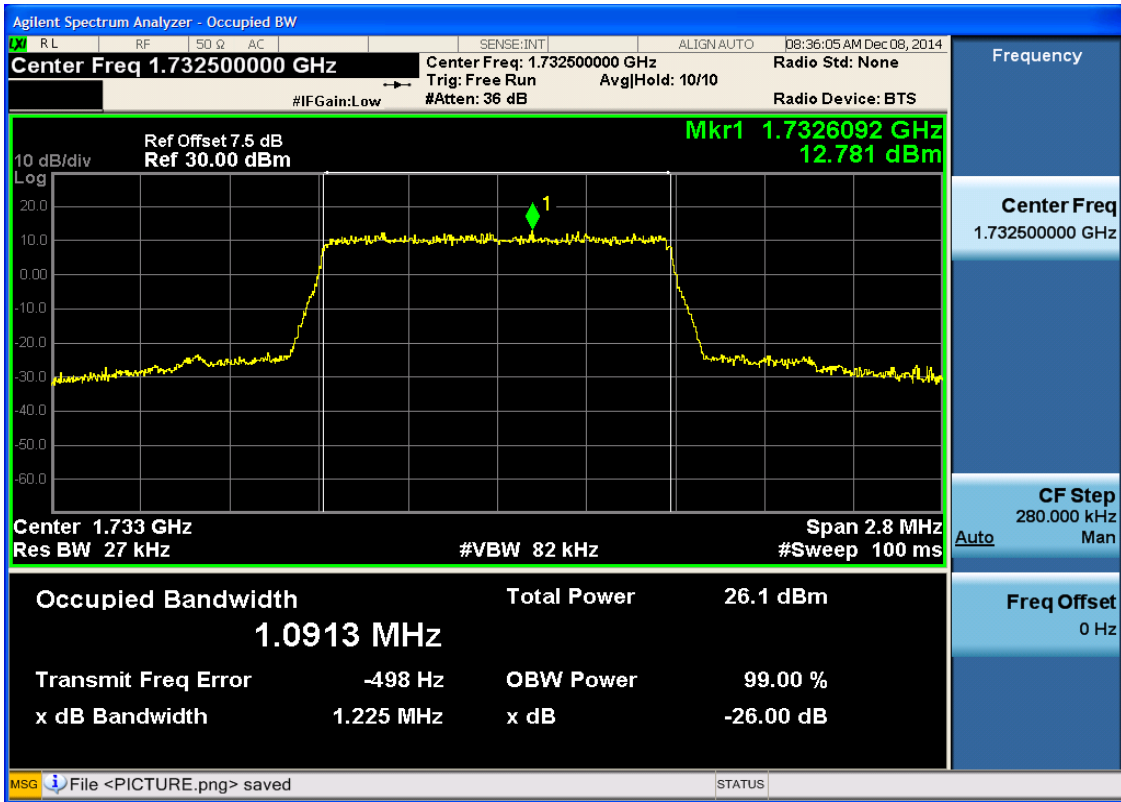
4.3.2.1.1.1.1 Test RB = RB6#0





4.3.2.1.1.2 Test Channel = MCH

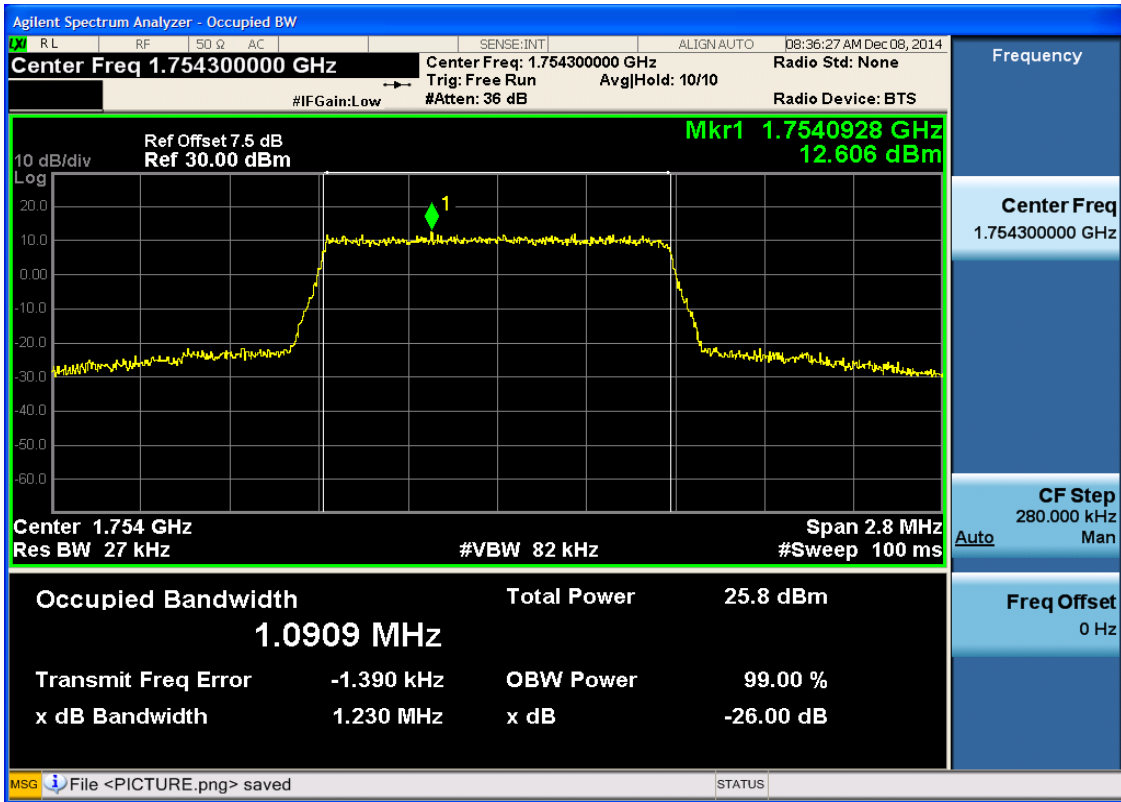
4.3.2.1.1.2.1 Test RB = RB6#0





4.3.2.1.1.3 Test Channel = HCH

4.3.2.1.1.3.1 Test RB = RB6#0

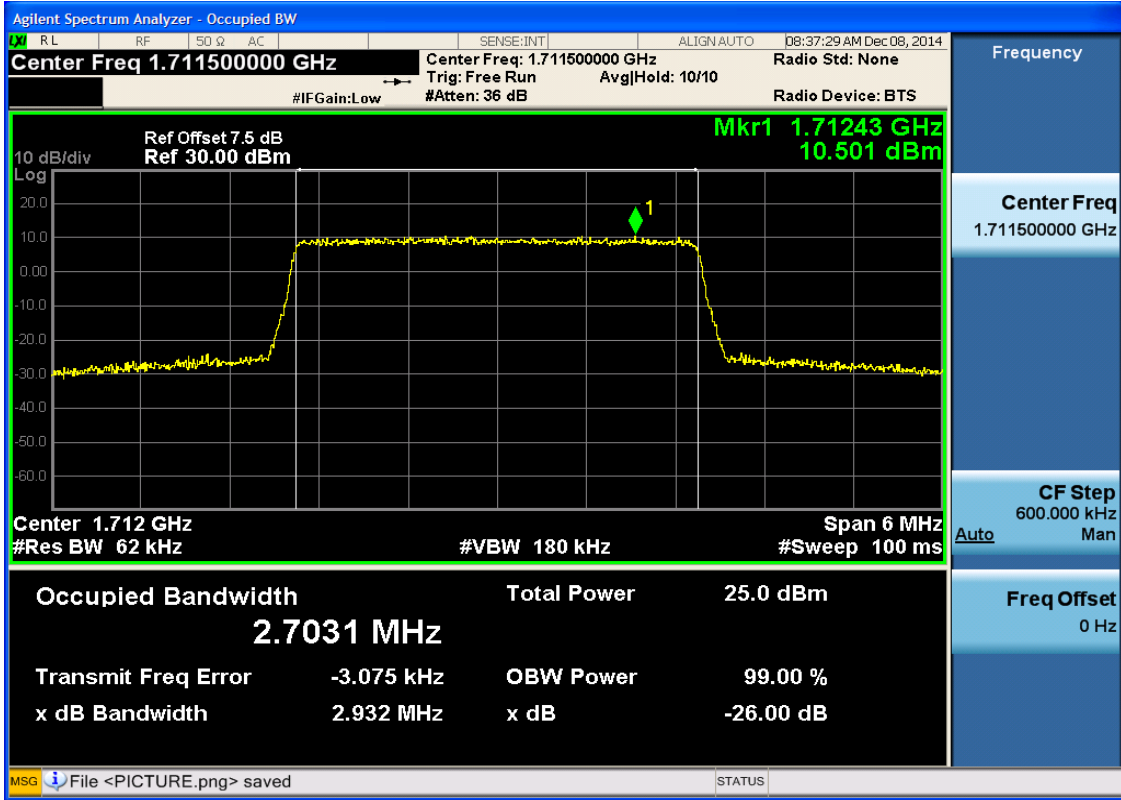




4.3.2.1.2 Test Bandwidth = 3

4.3.2.1.2.1 Test Channel = LCH

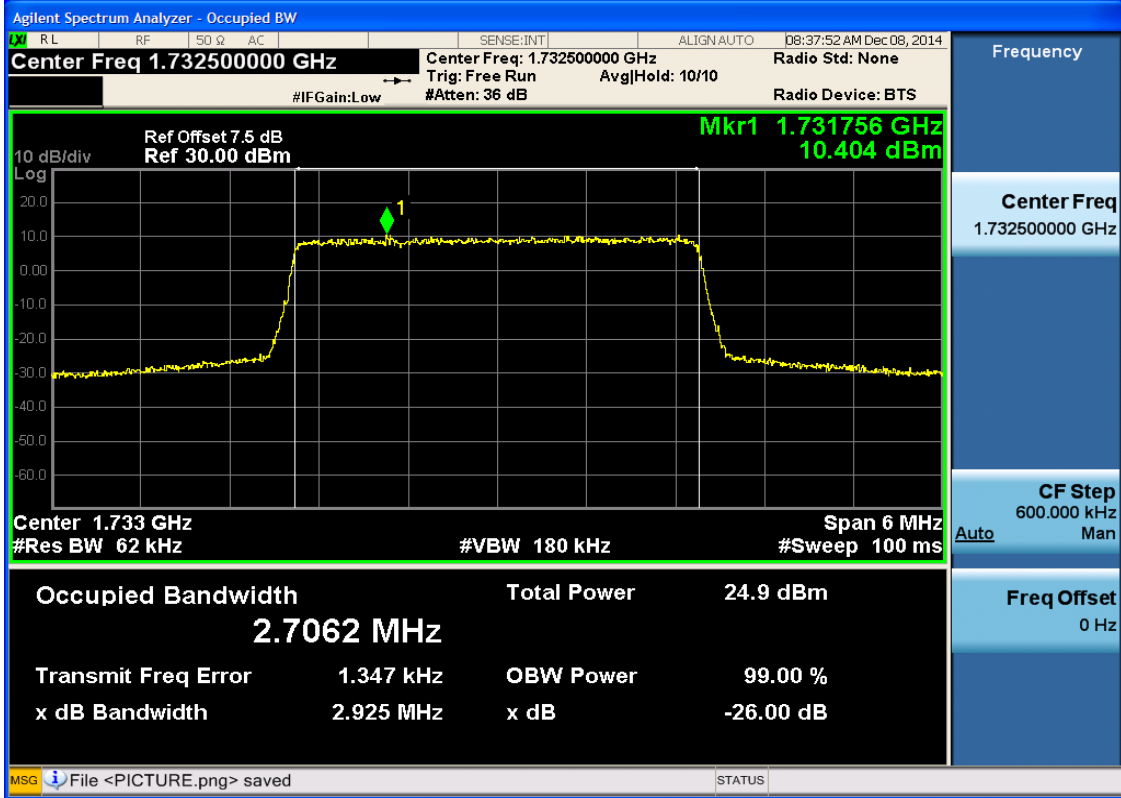
4.3.2.1.2.1.1 Test RB = RB15#0





4.3.2.1.2.2 Test Channel = MCH

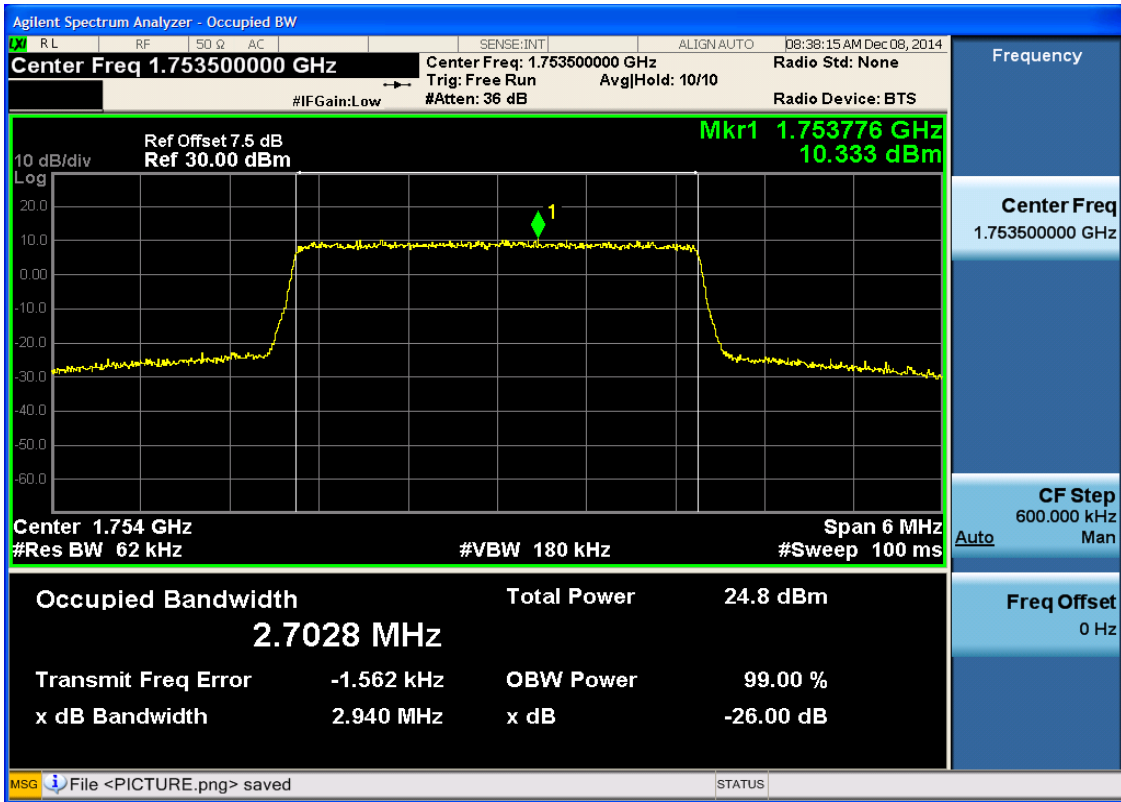
4.3.2.1.2.2.1 Test RB = RB15#0





4.3.2.1.2.3 Test Channel = HCH

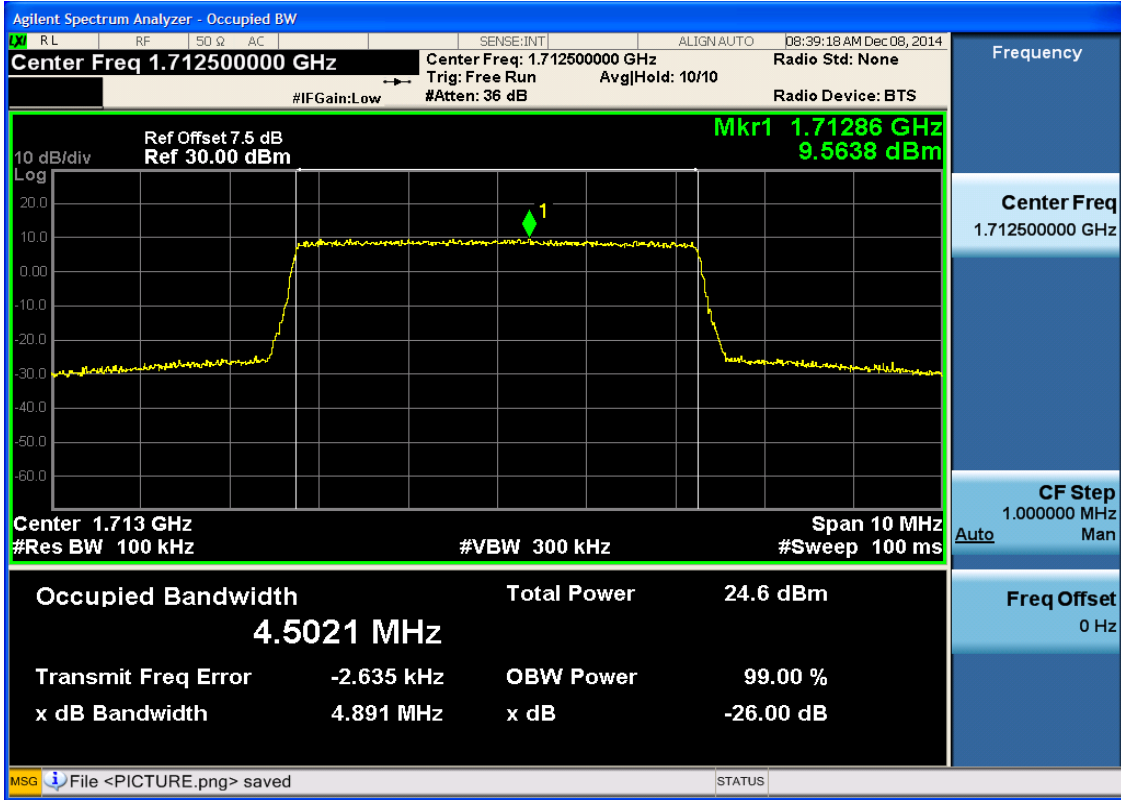
4.3.2.1.2.3.1 Test RB = RB15#0



4.3.2.1.3 Test Bandwidth = 5

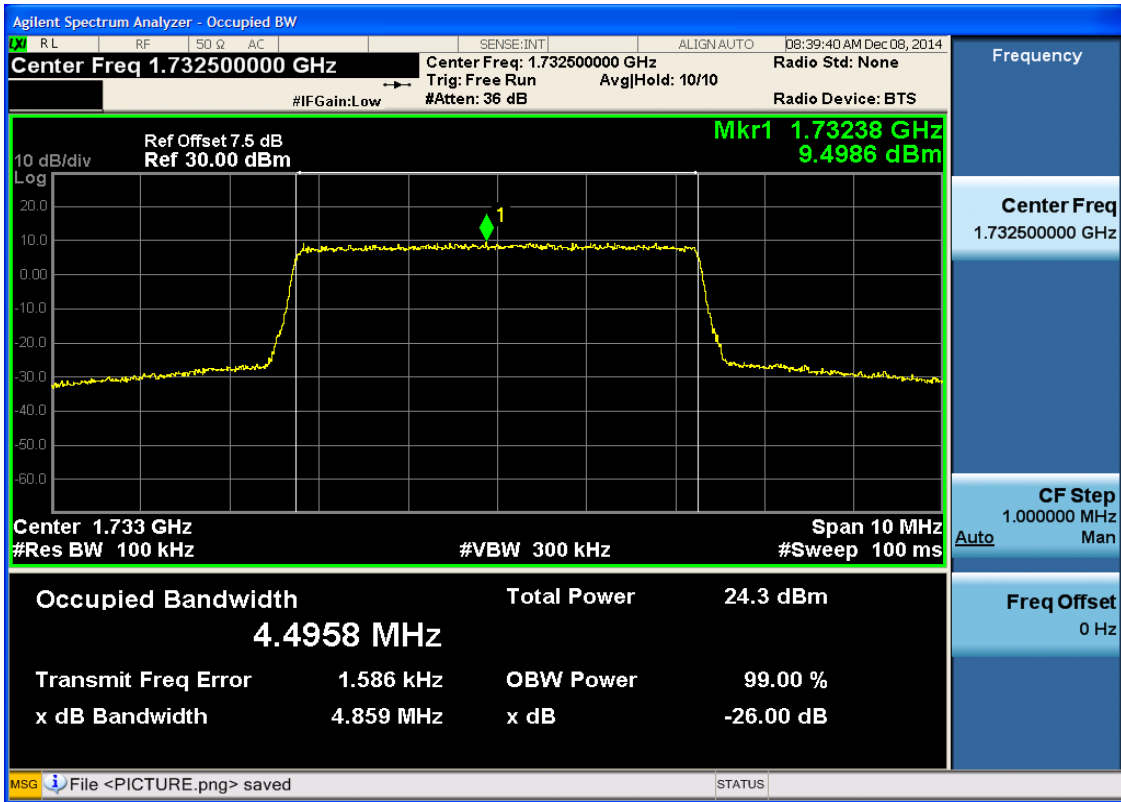
4.3.2.1.3.1 Test Channel = LCH

4.3.2.1.3.1.1 Test RB = RB25#0



4.3.2.1.3.2 Test Channel = MCH

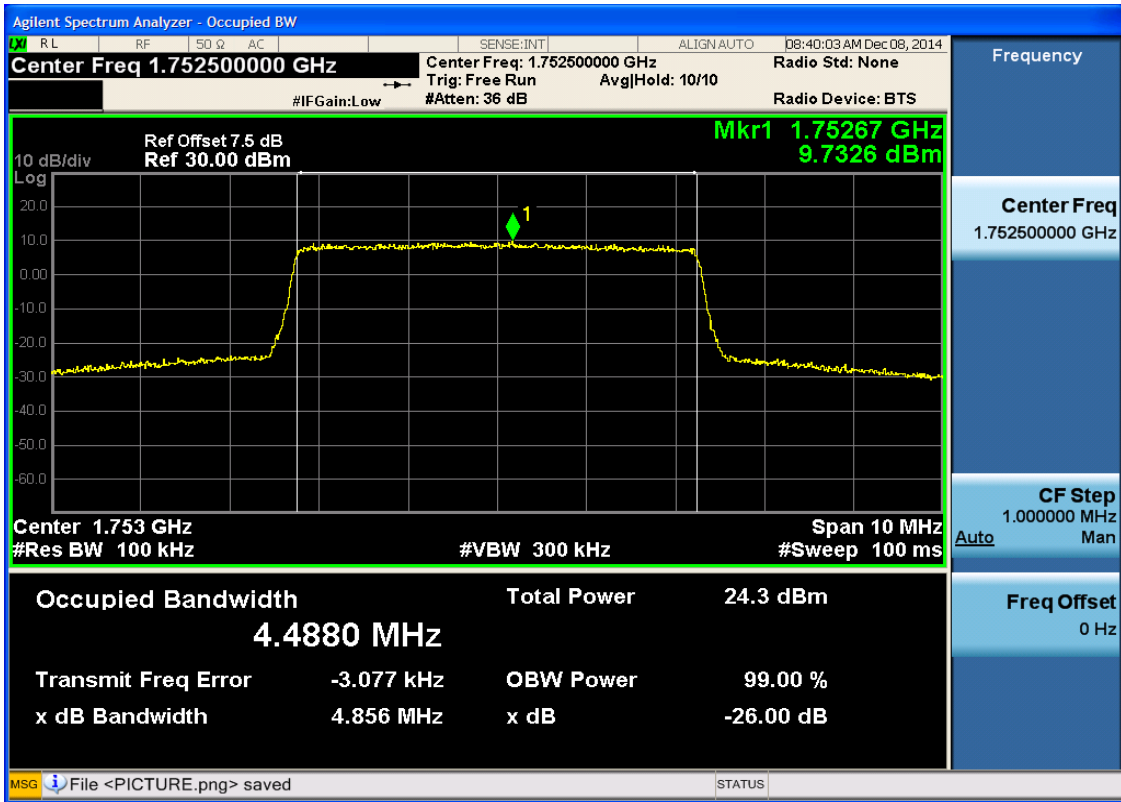
4.3.2.1.3.2.1 Test RB = RB25#0





4.3.2.1.3.3 Test Channel = HCH

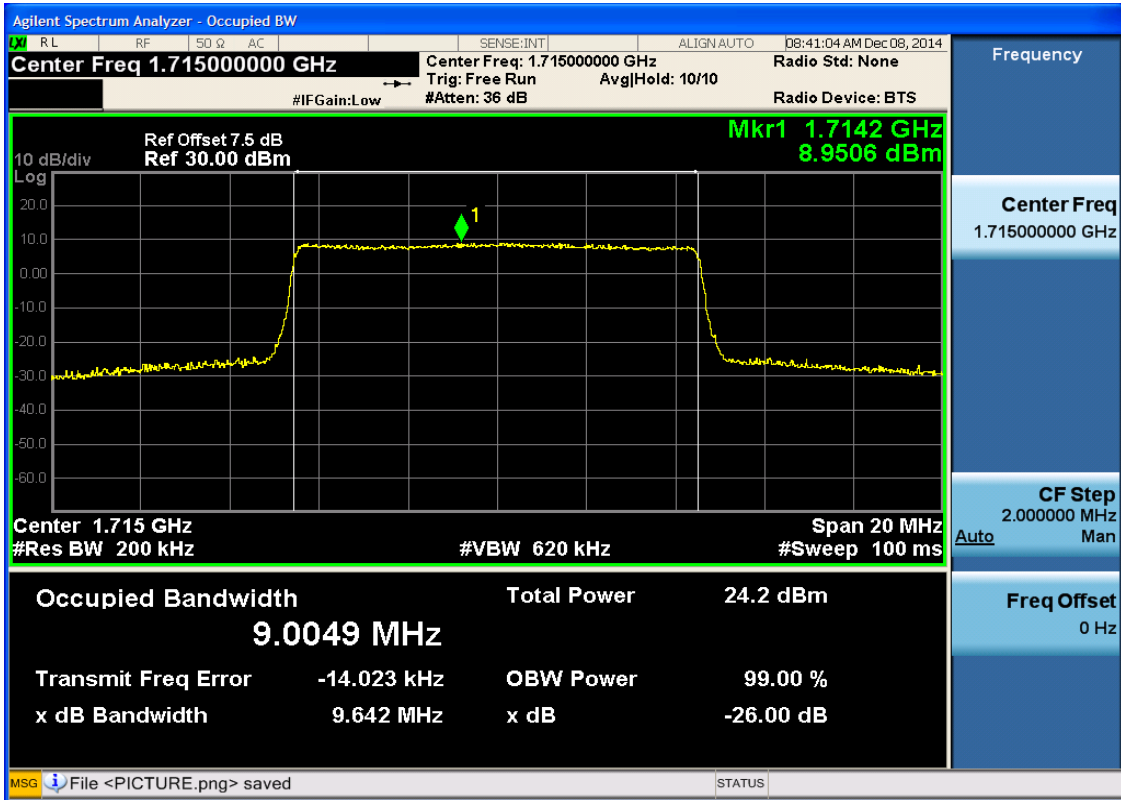
4.3.2.1.3.3.1 Test RB = RB25#0



4.3.2.1.4 Test Bandwidth = 10

4.3.2.1.4.1 Test Channel = LCH

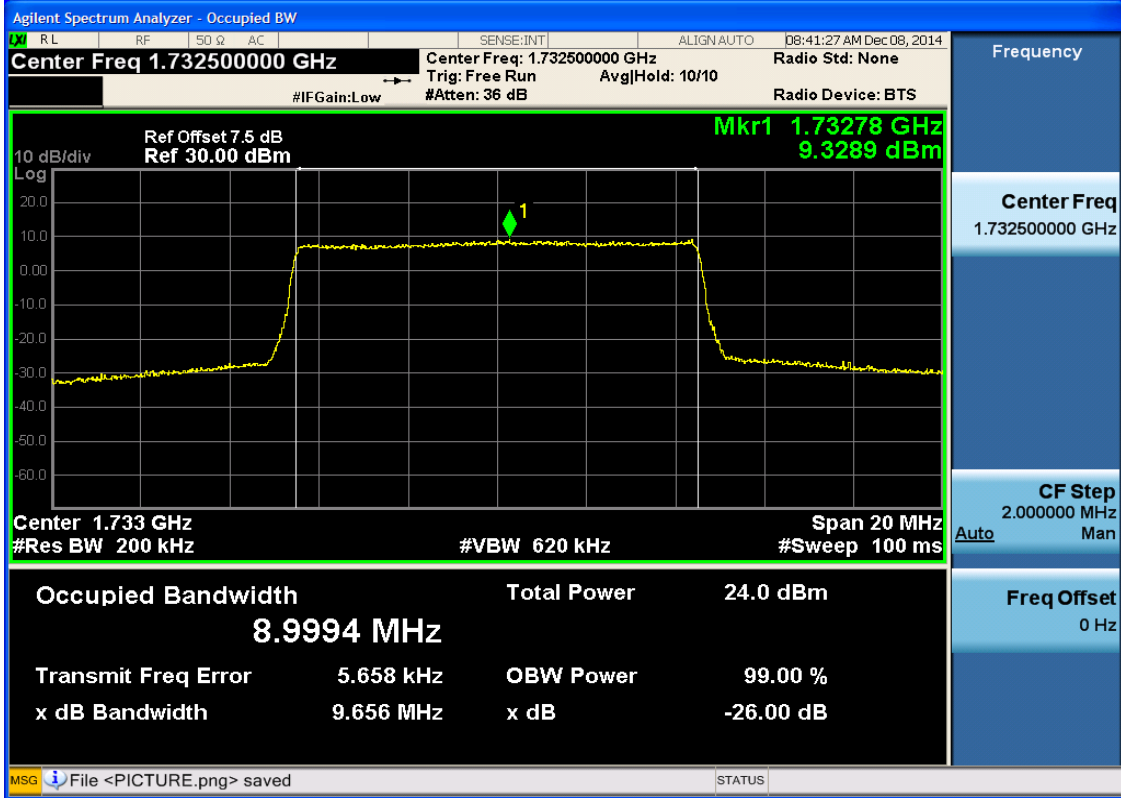
4.3.2.1.4.1.1 Test RB = RB50#0





4.3.2.1.4.2 Test Channel = MCH

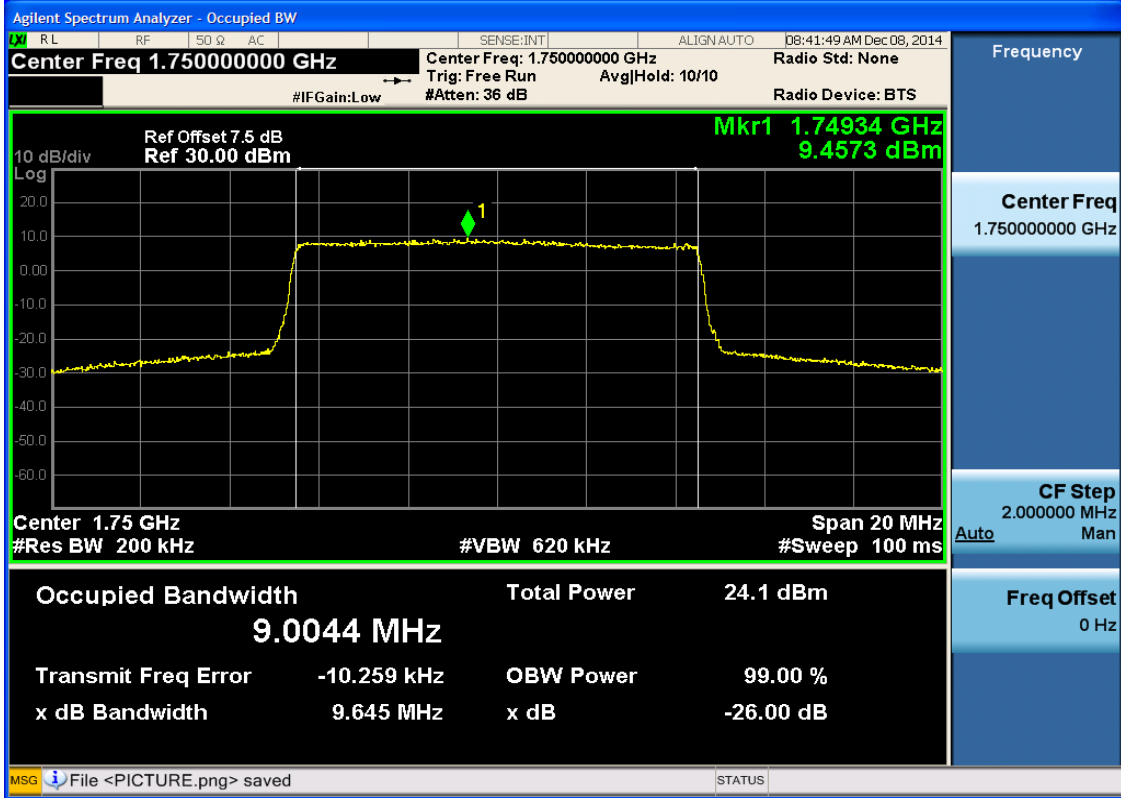
4.3.2.1.4.2.1 Test RB = RB50#0





4.3.2.1.4.3 Test Channel = HCH

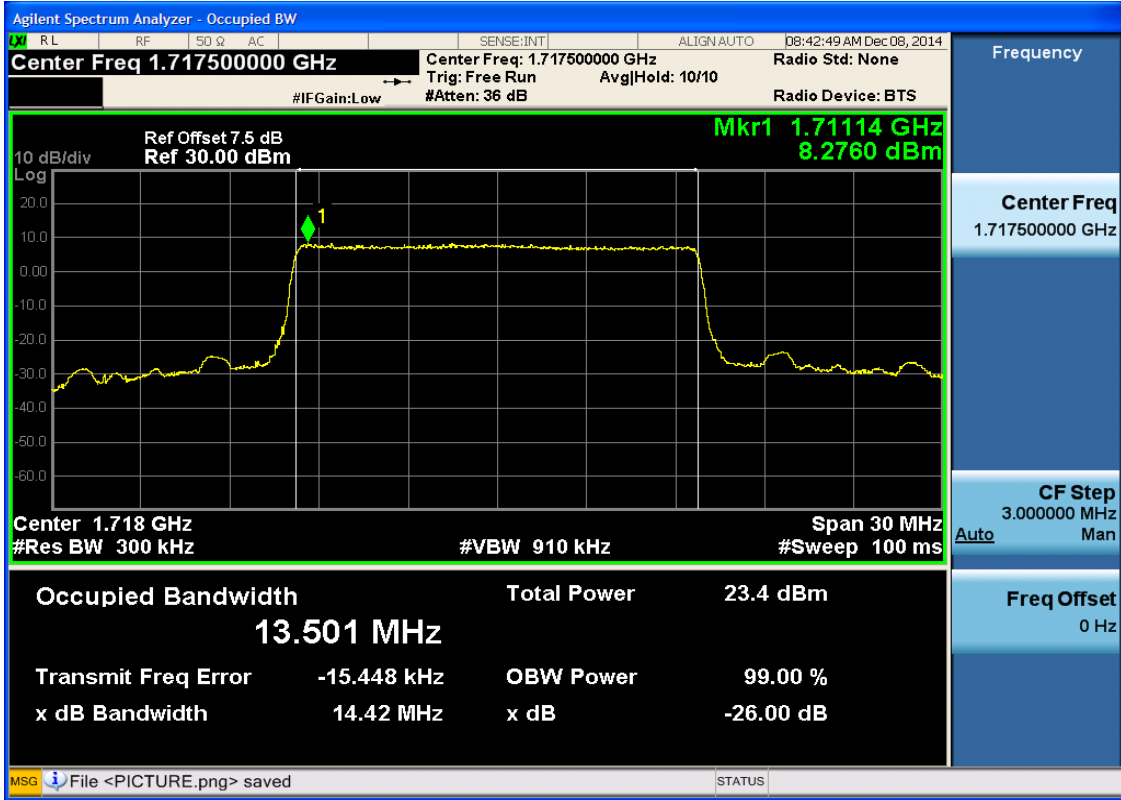
4.3.2.1.4.3.1 Test RB = RB50#0



4.3.2.1.5 Test Bandwidth = 15

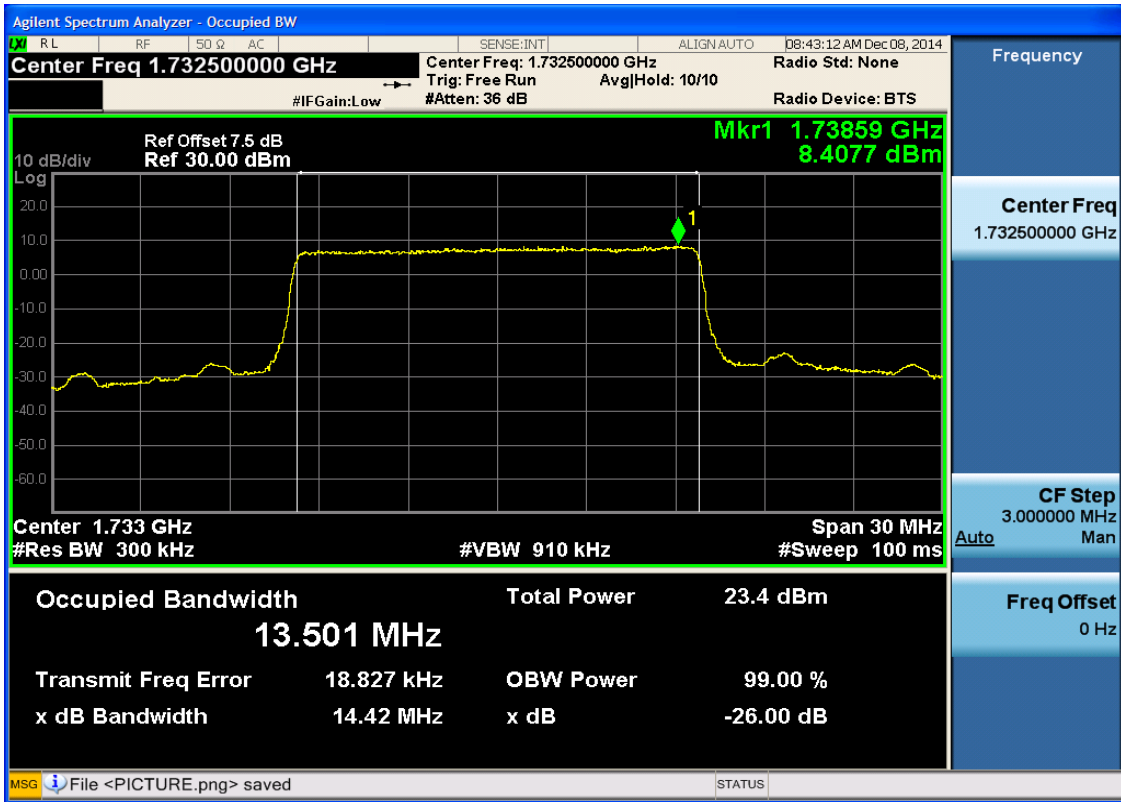
4.3.2.1.5.1 Test Channel = LCH

4.3.2.1.5.1.1 Test RB = RB75#0



4.3.2.1.5.2 Test Channel = MCH

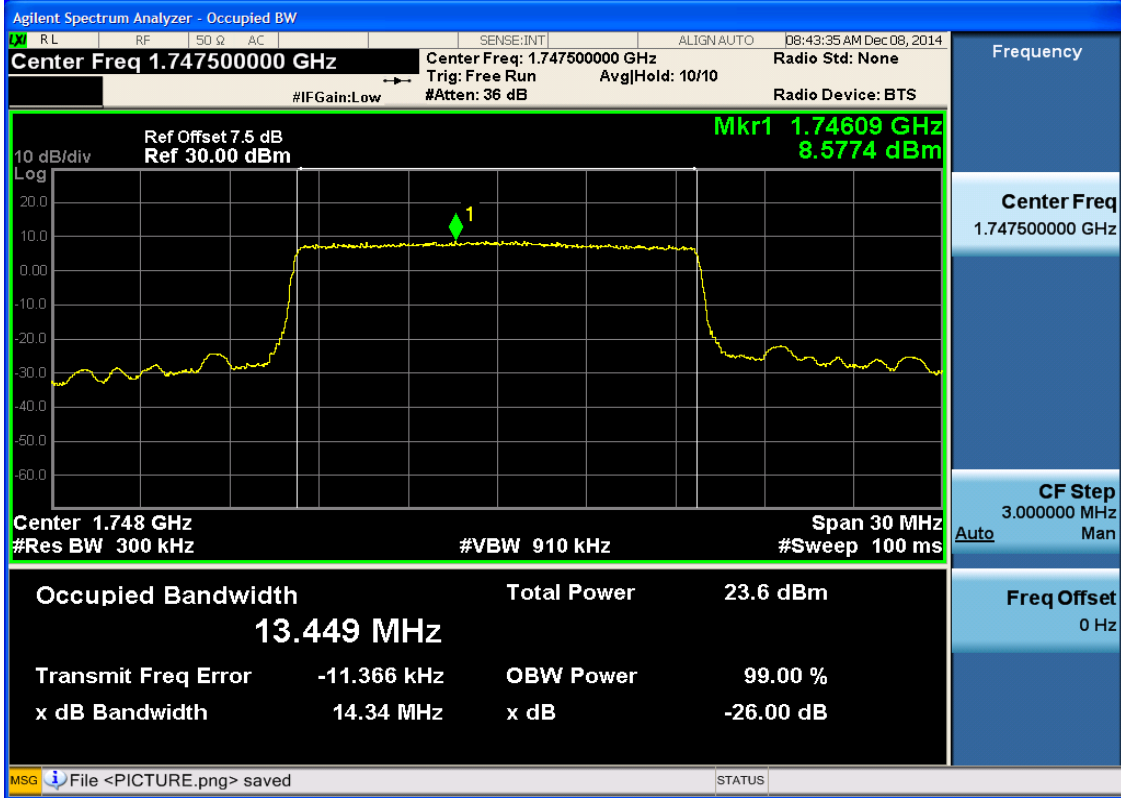
4.3.2.1.5.2.1 Test RB = RB75#0





4.3.2.1.5.3 Test Channel = HCH

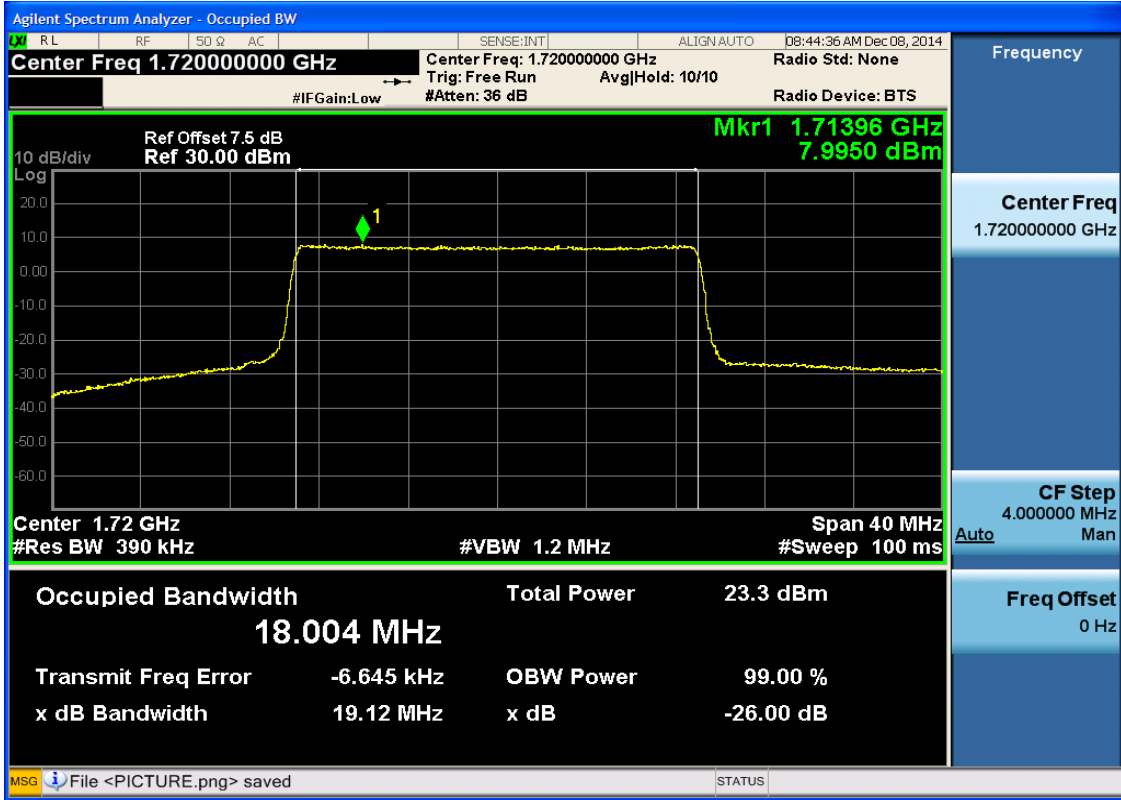
4.3.2.1.5.3.1 Test RB = RB75#0



4.3.2.1.6 Test Bandwidth = 20

4.3.2.1.6.1 Test Channel = LCH

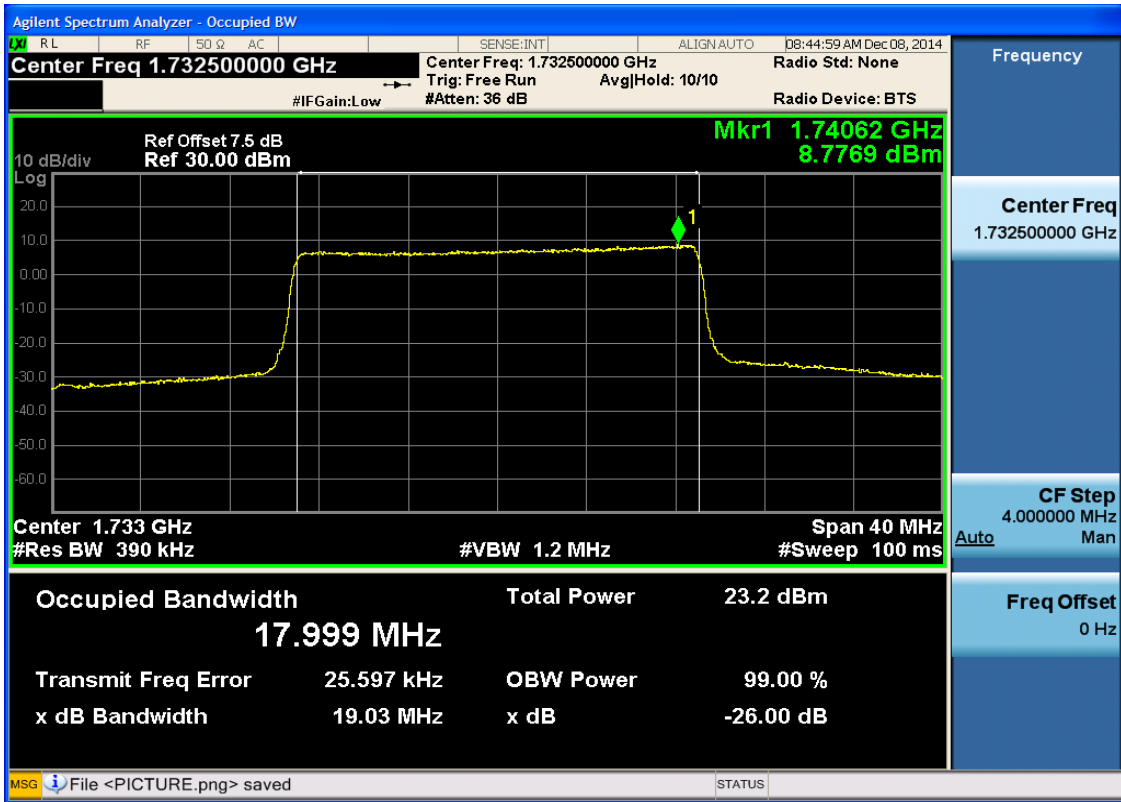
4.3.2.1.6.1.1 Test RB = RB100#0





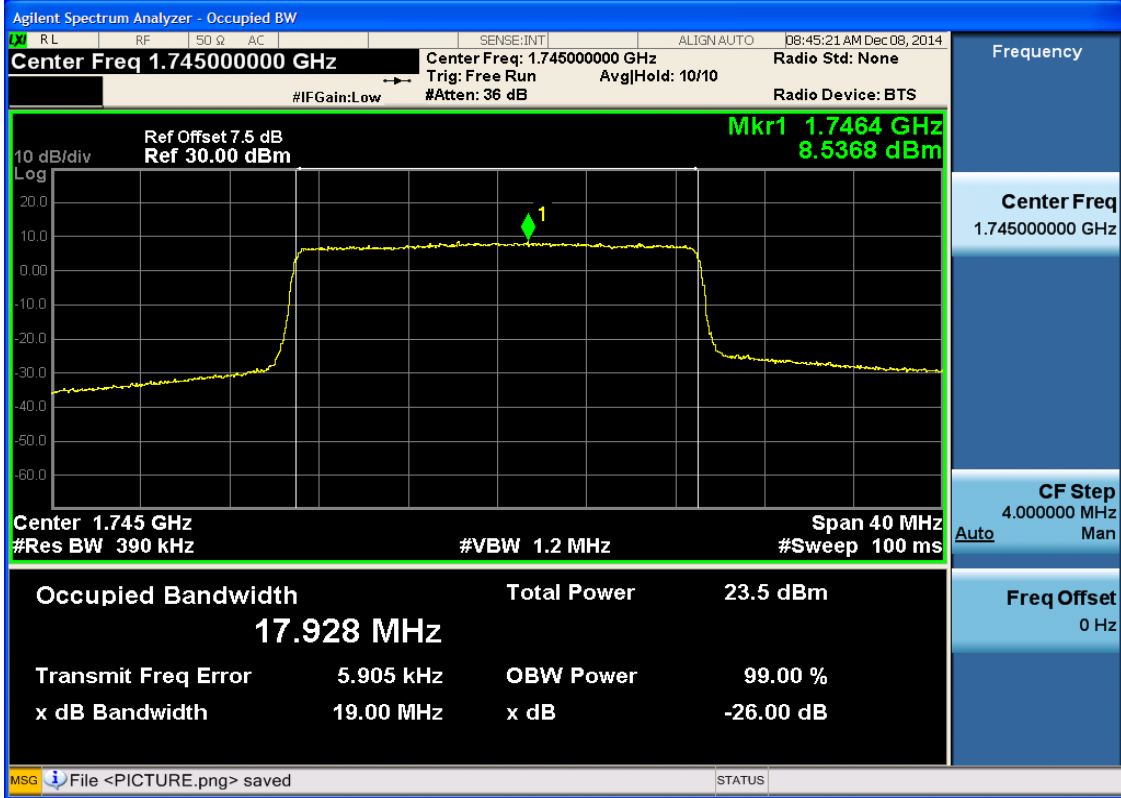
4.3.2.1.6.2 Test Channel = MCH

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



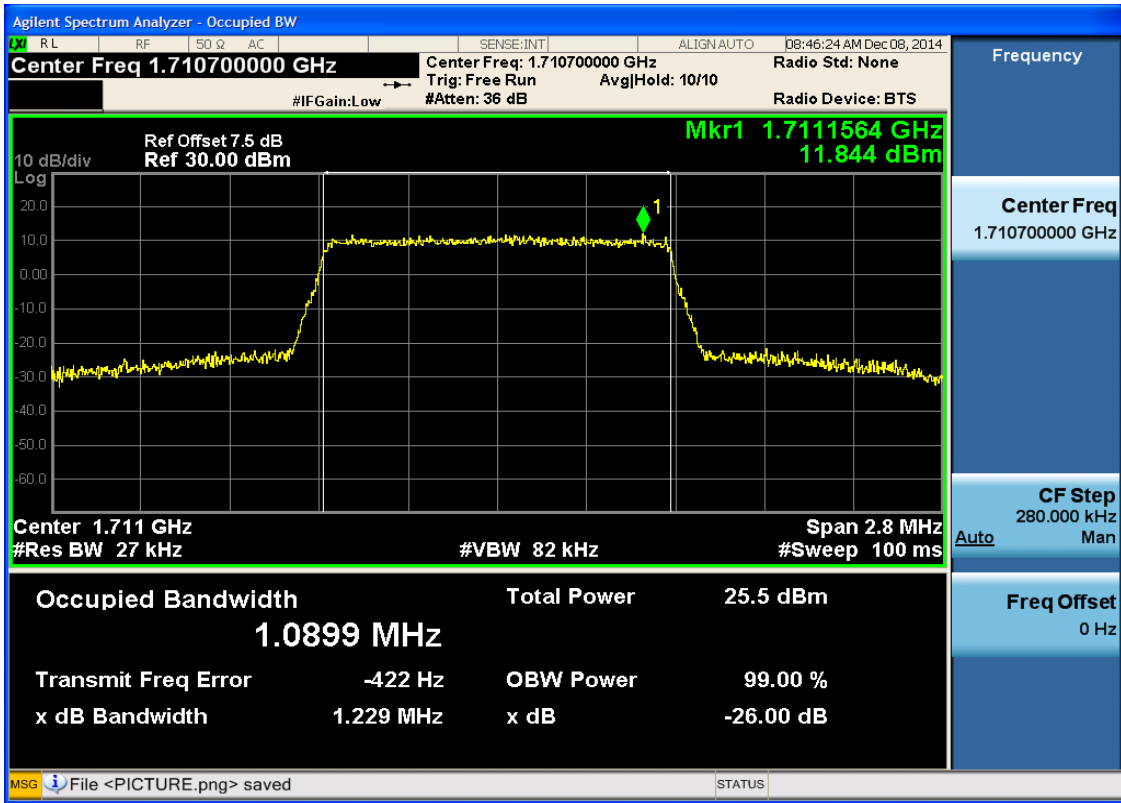


4.3.2.2 Test Mode = LTE/TM2

4.3.2.2.1 Test Bandwidth = 1.4

4.3.2.2.1.1 Test Channel = LCH

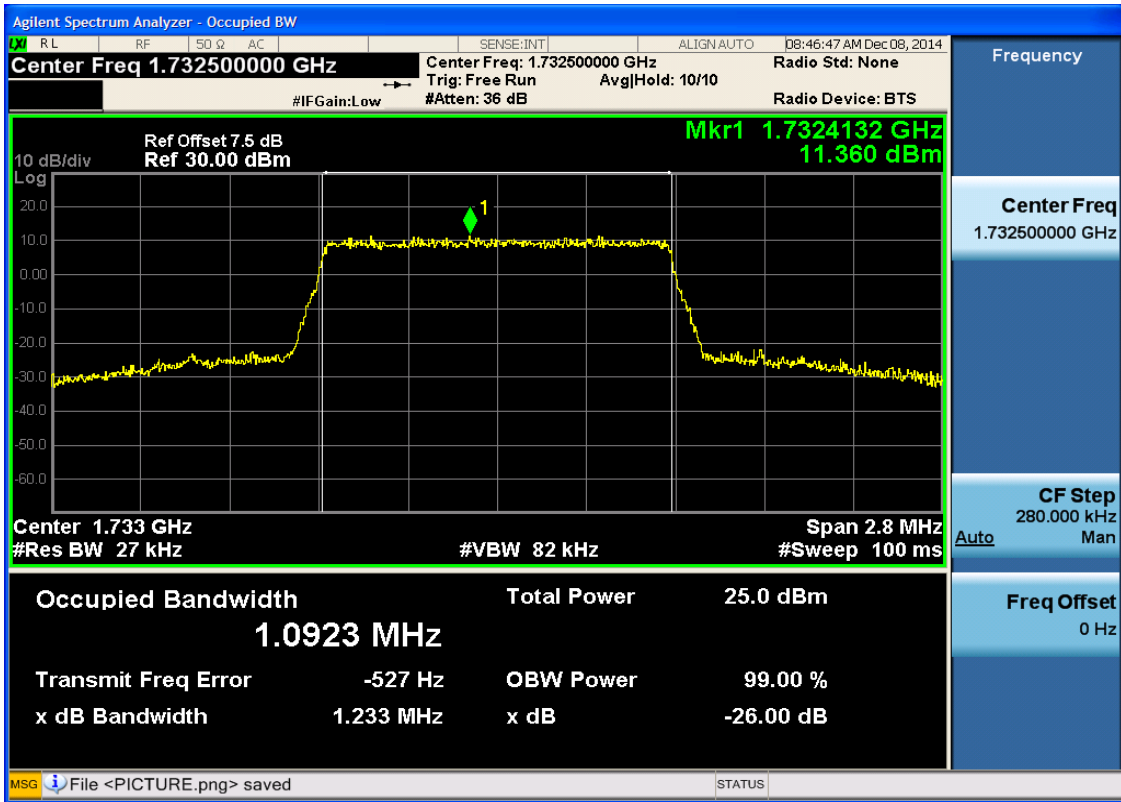
4.3.2.2.1.1.1 Test RB = RB6#0





4.3.2.2.1.2 Test Channel = MCH

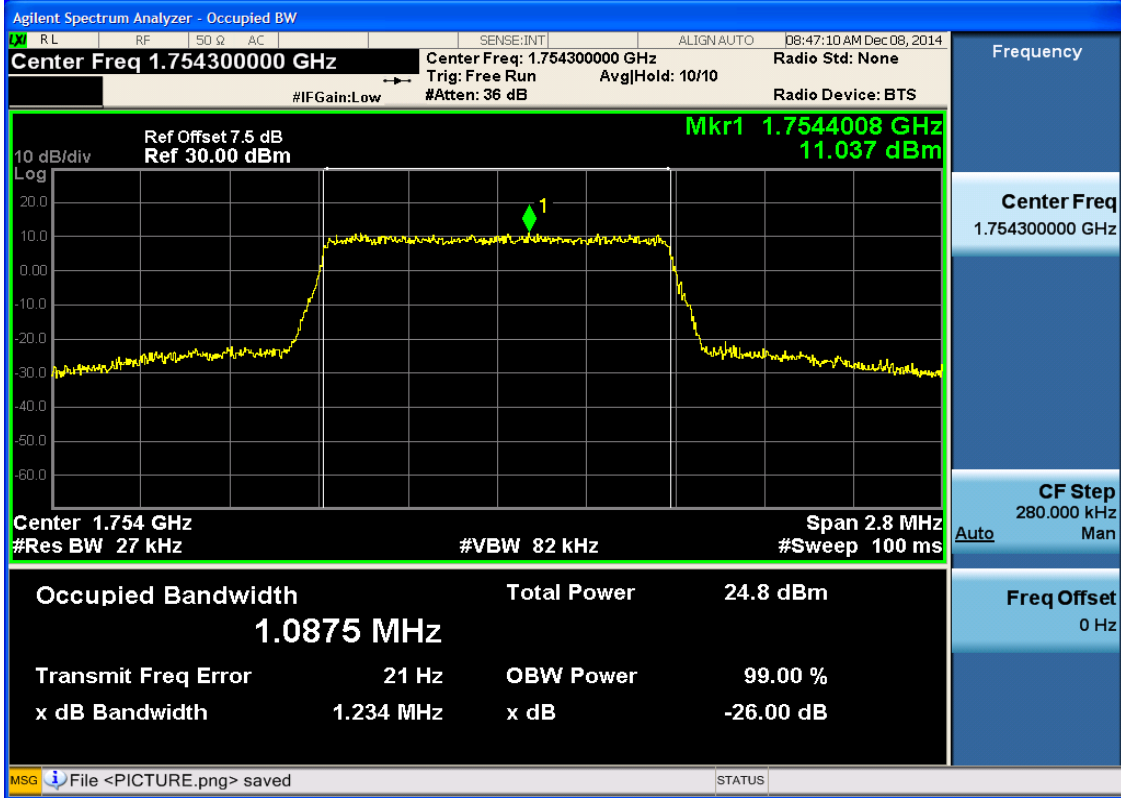
4.3.2.2.1.2.1 Test RB = RB6#0





4.3.2.2.1.3 Test Channel = HCH

4.3.2.2.1.3.1 Test RB = RB6#0

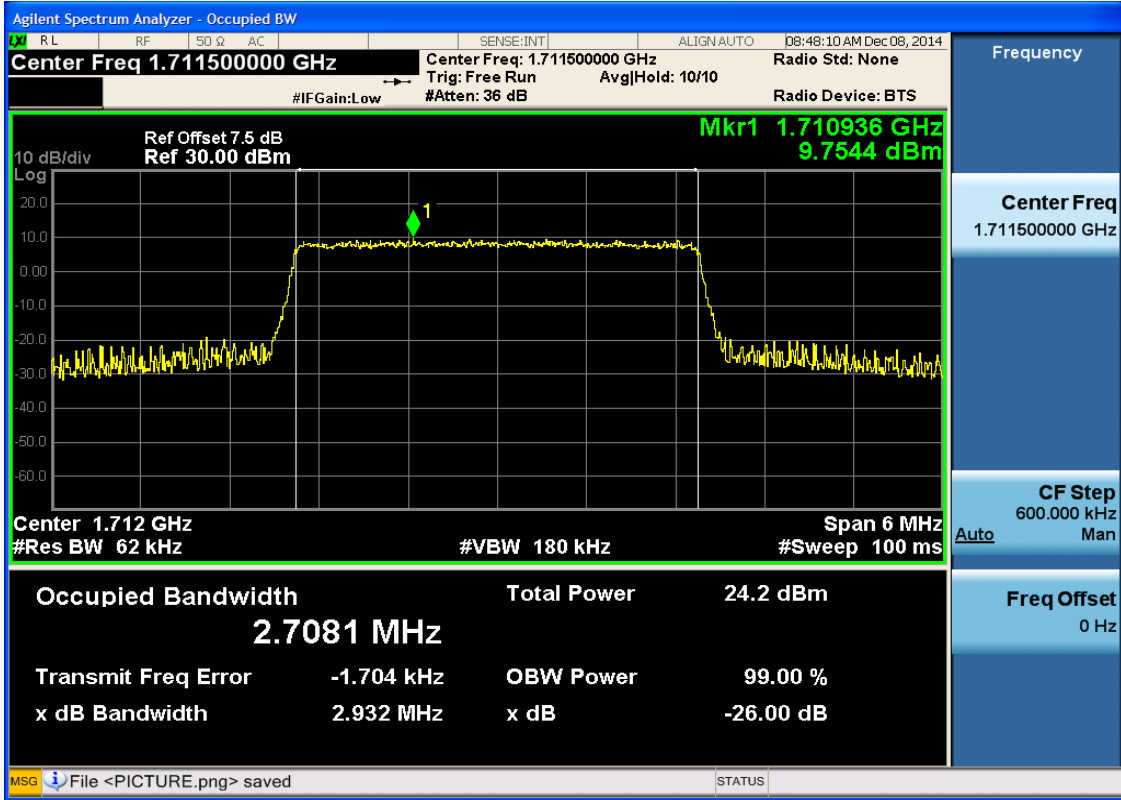




4.3.2.2.2 Test Bandwidth = 3

4.3.2.2.2.1 Test Channel = LCH

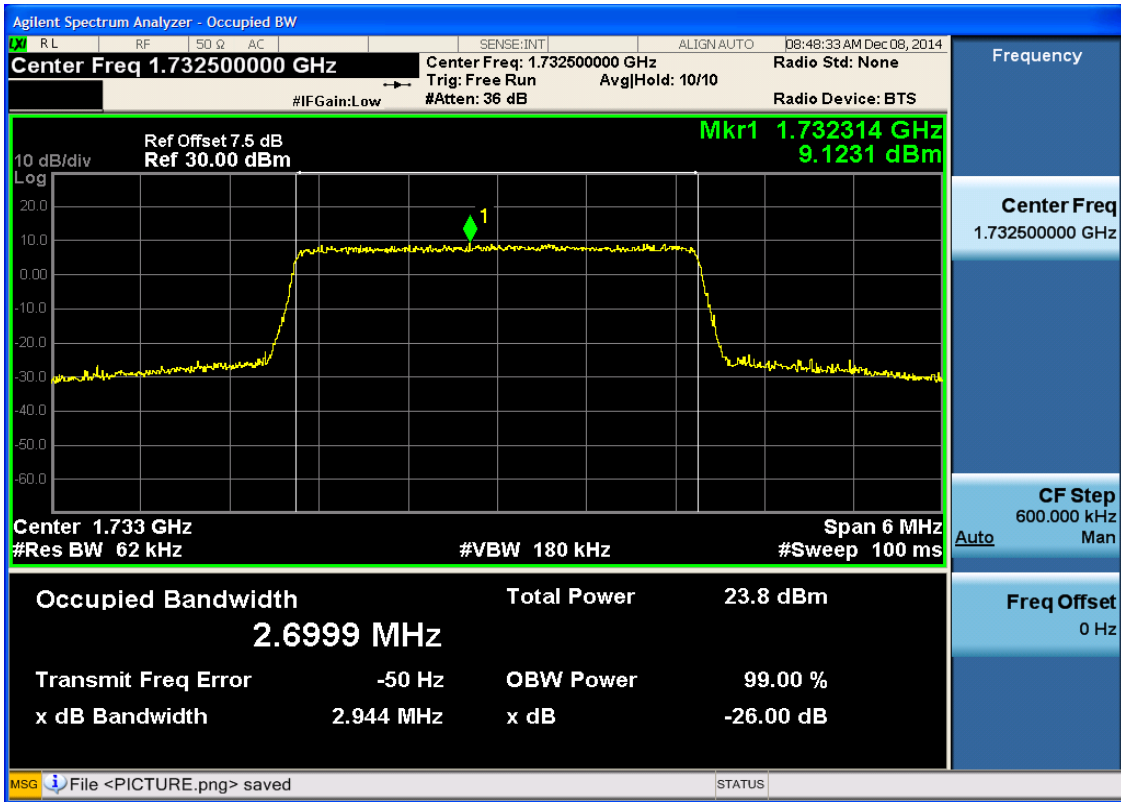
4.3.2.2.2.1.1 Test RB = RB15#0





4.3.2.2.2 Test Channel = MCH

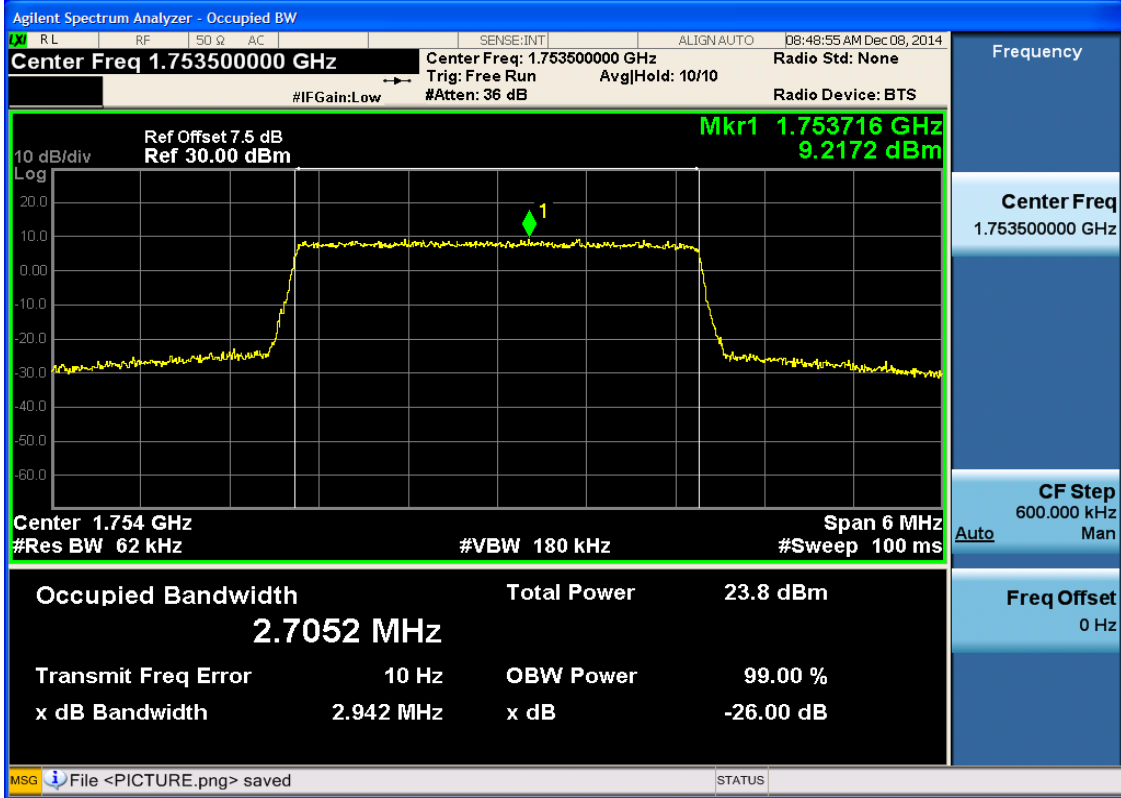
4.3.2.2.2.1 Test RB = RB15#0





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

