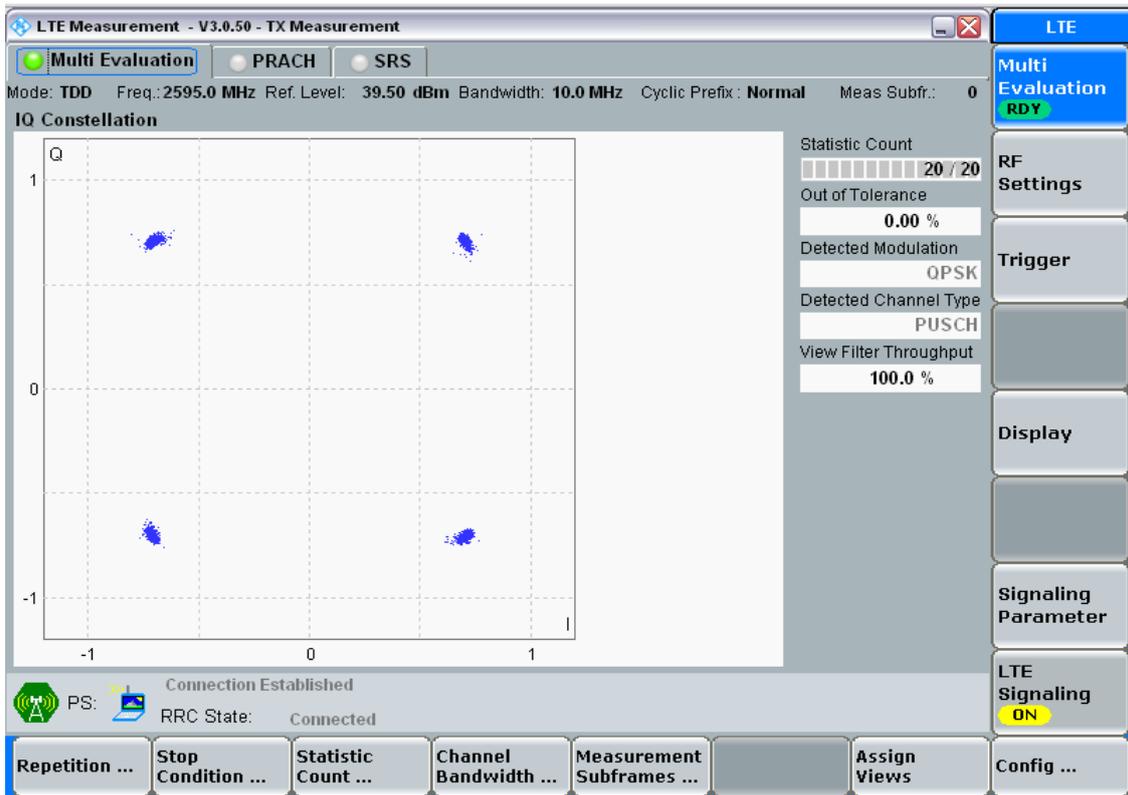


### 3.1.3.1.2 Test Bandwidth = 10

#### 3.1.3.1.2.1 Test Channel = MCH

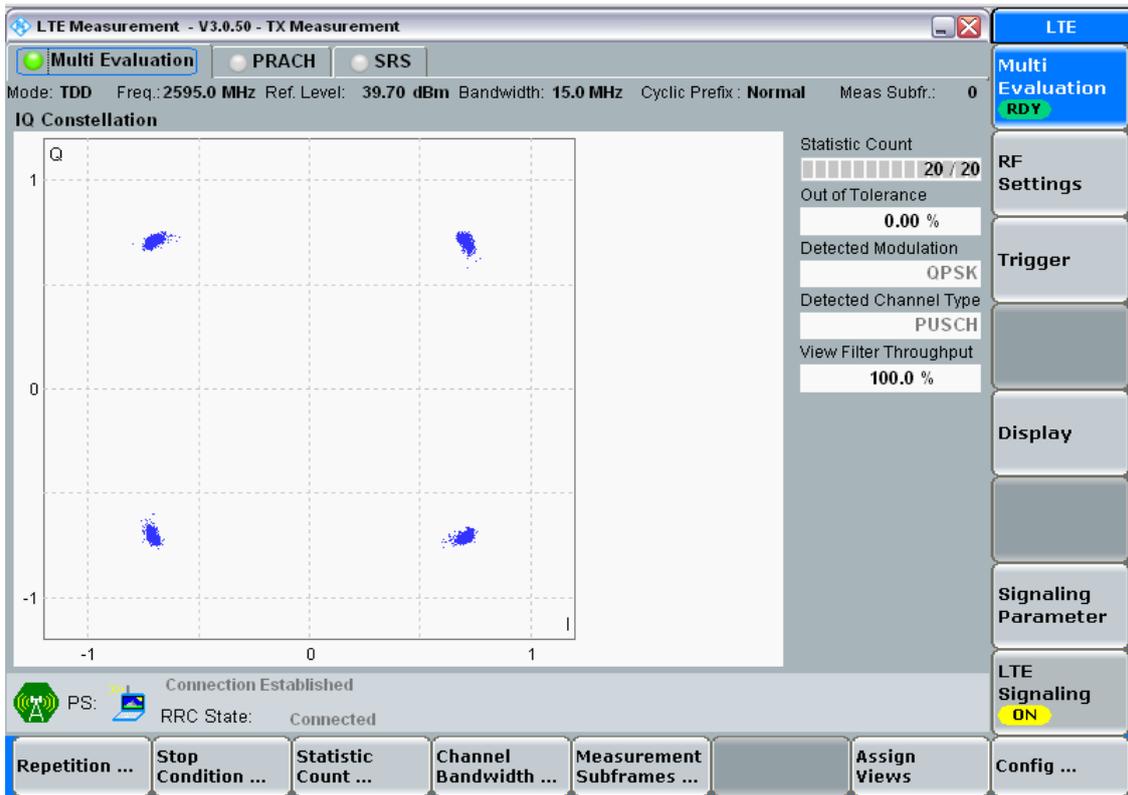
##### 3.1.3.1.2.1.1 Test RB = RB50#0



### 3.1.3.1.3 Test Bandwidth = 15

#### 3.1.3.1.3.1 Test Channel = MCH

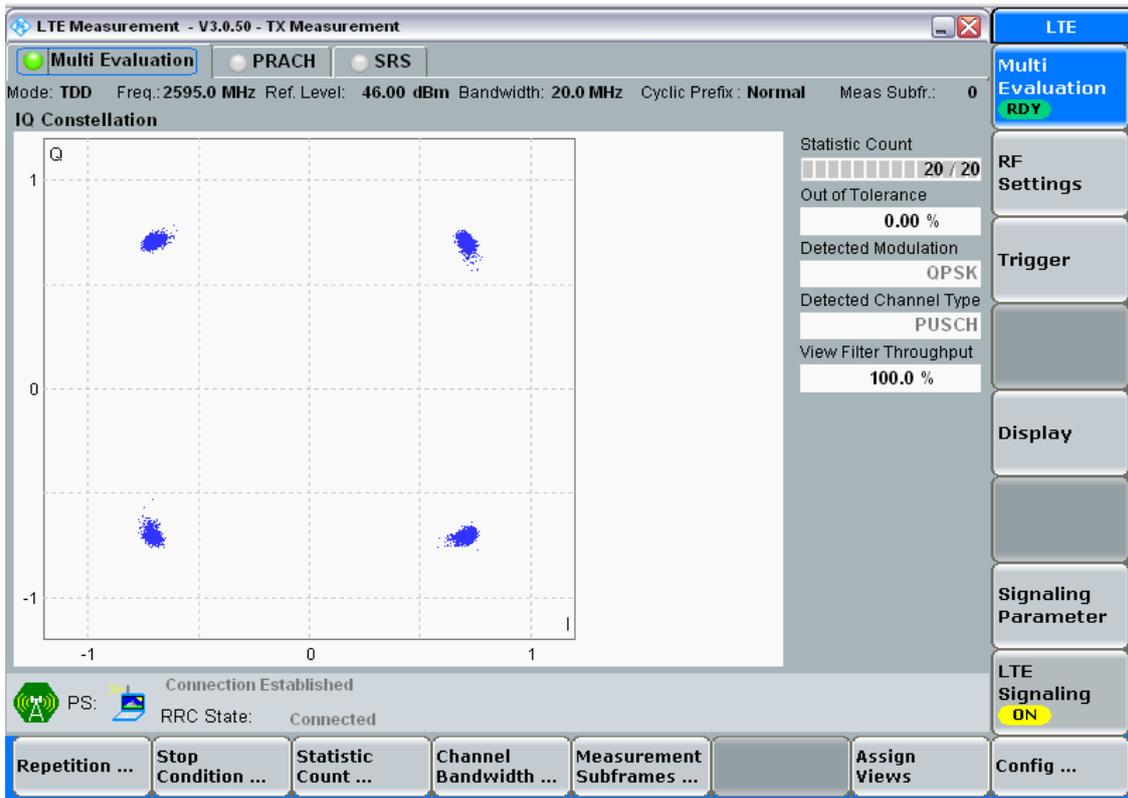
##### 3.1.3.1.3.1.1 Test RB = RB75#0



### 3.1.3.1.4 Test Bandwidth = 20

#### 3.1.3.1.4.1 Test Channel = MCH

##### 3.1.3.1.4.1.1 Test RB = RB100#0

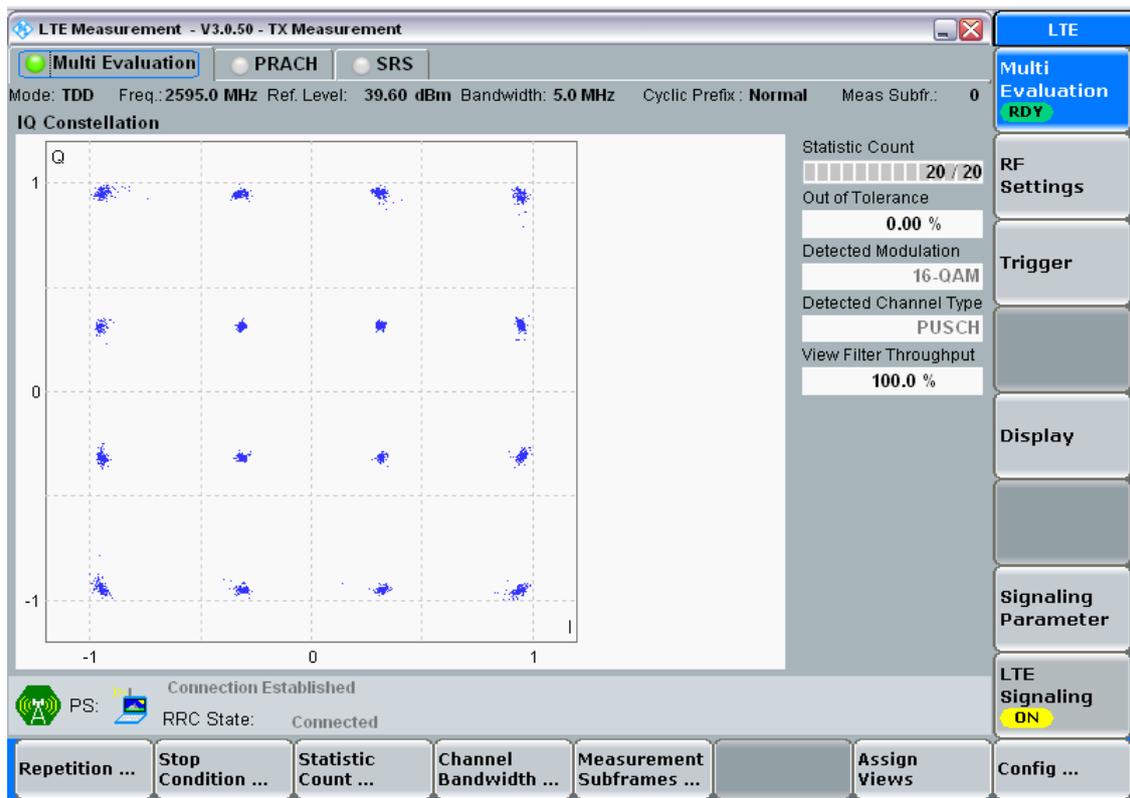


### 3.1.3.2 Test Mode = LTE/TM2

#### 3.1.3.2.1 Test Bandwidth = 5

##### 3.1.3.2.1.1 Test Channel = MCH

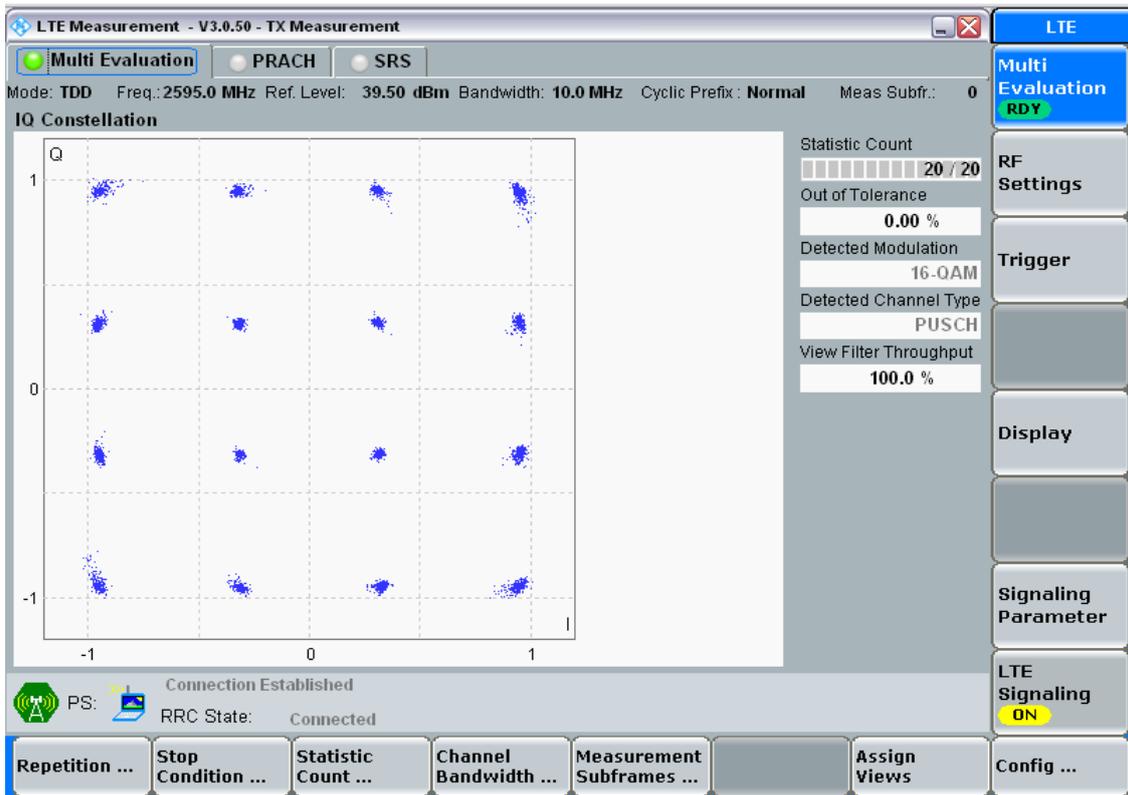
###### 3.1.3.2.1.1.1 Test RB = RB25#0



### 3.1.3.2.2 Test Bandwidth = 10

#### 3.1.3.2.2.1 Test Channel = MCH

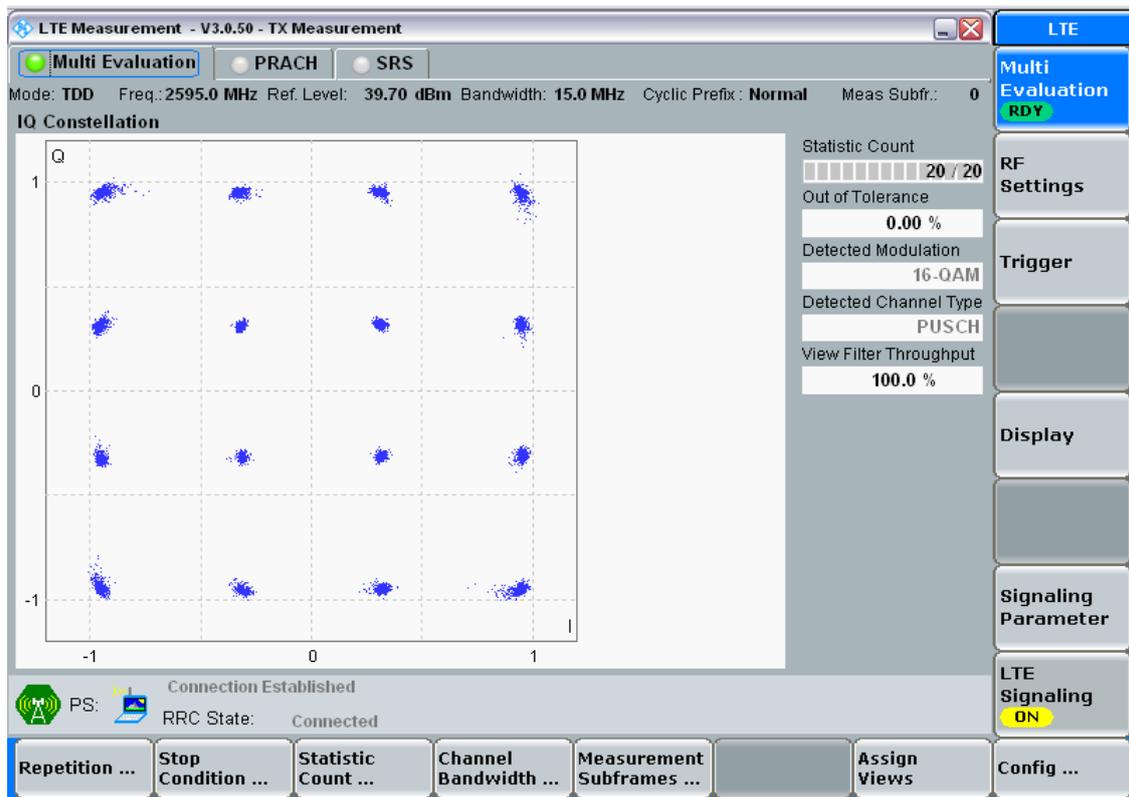
##### 3.1.3.2.2.1.1 Test RB = RB50#0



### 3.1.3.2.3 Test Bandwidth = 15

#### 3.1.3.2.3.1 Test Channel = MCH

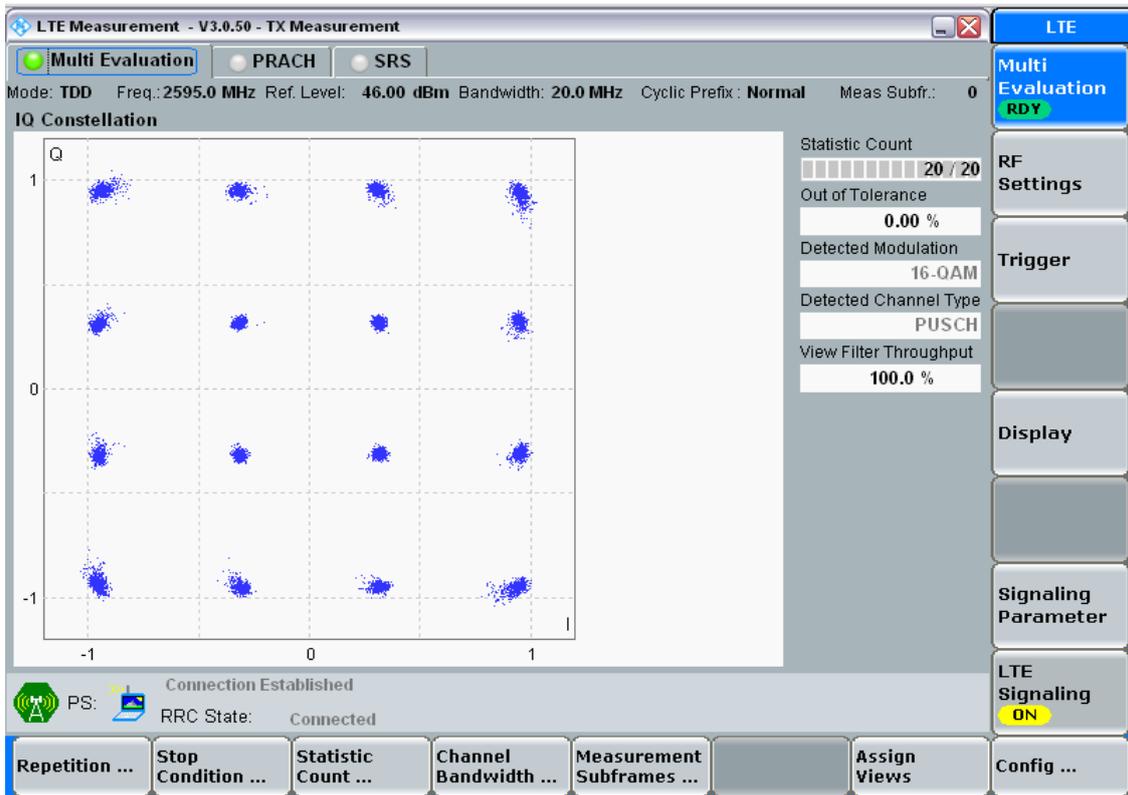
##### 3.1.3.2.3.1.1 Test RB = RB75#0



### 3.1.3.2.4 Test Bandwidth = 20

#### 3.1.3.2.4.1 Test Channel = MCH

##### 3.1.3.2.4.1.1 Test RB = RB100#0



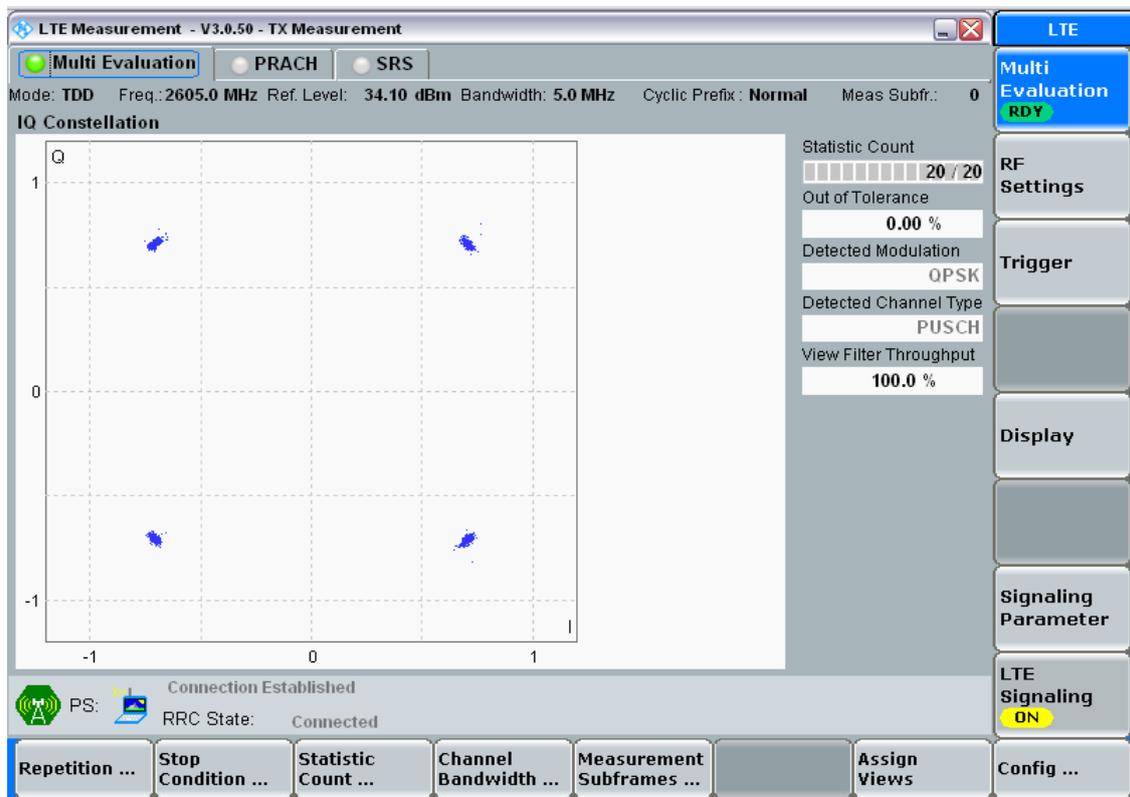
### 3.1.4 Test Band = BAND41

#### 3.1.4.1 Test Mode = LTE/TM1

##### 3.1.4.1.1 Test Bandwidth = 5

##### 3.1.4.1.1.1 Test Channel = MCH

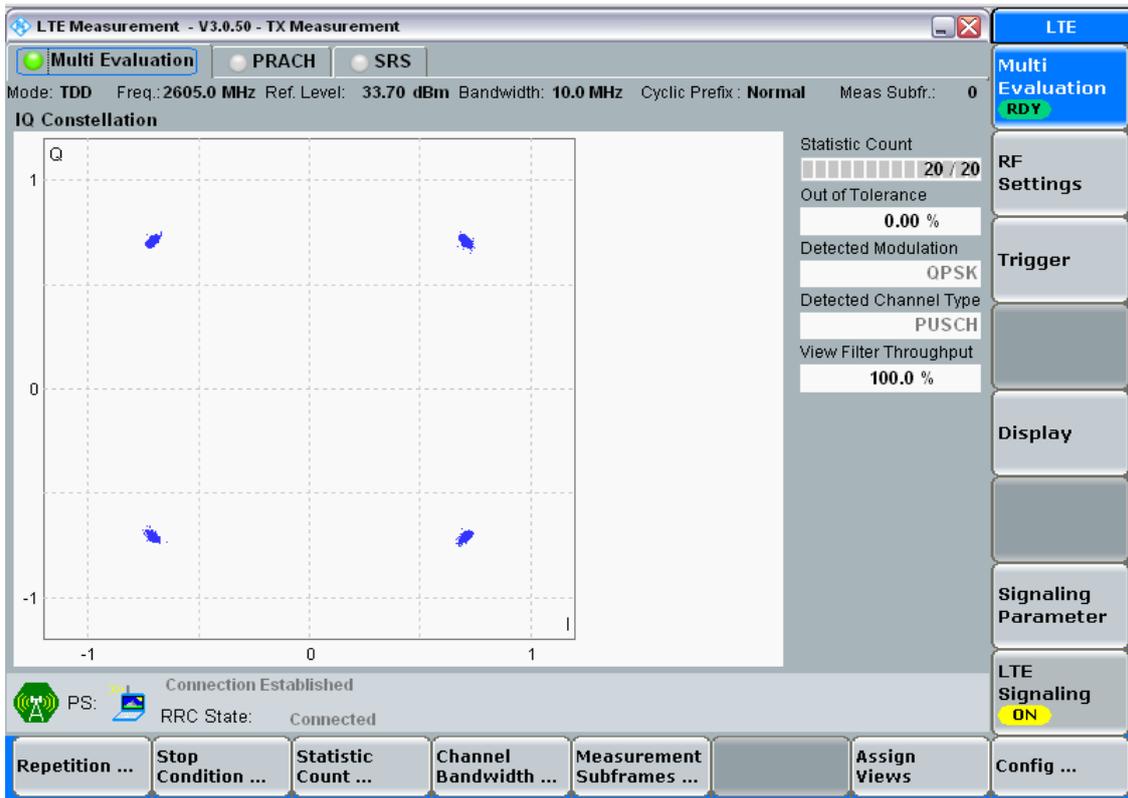
##### 3.1.4.1.1.1.1 Test RB = RB25#0



### 3.1.4.1.2 Test Bandwidth = 10

#### 3.1.4.1.2.1 Test Channel = MCH

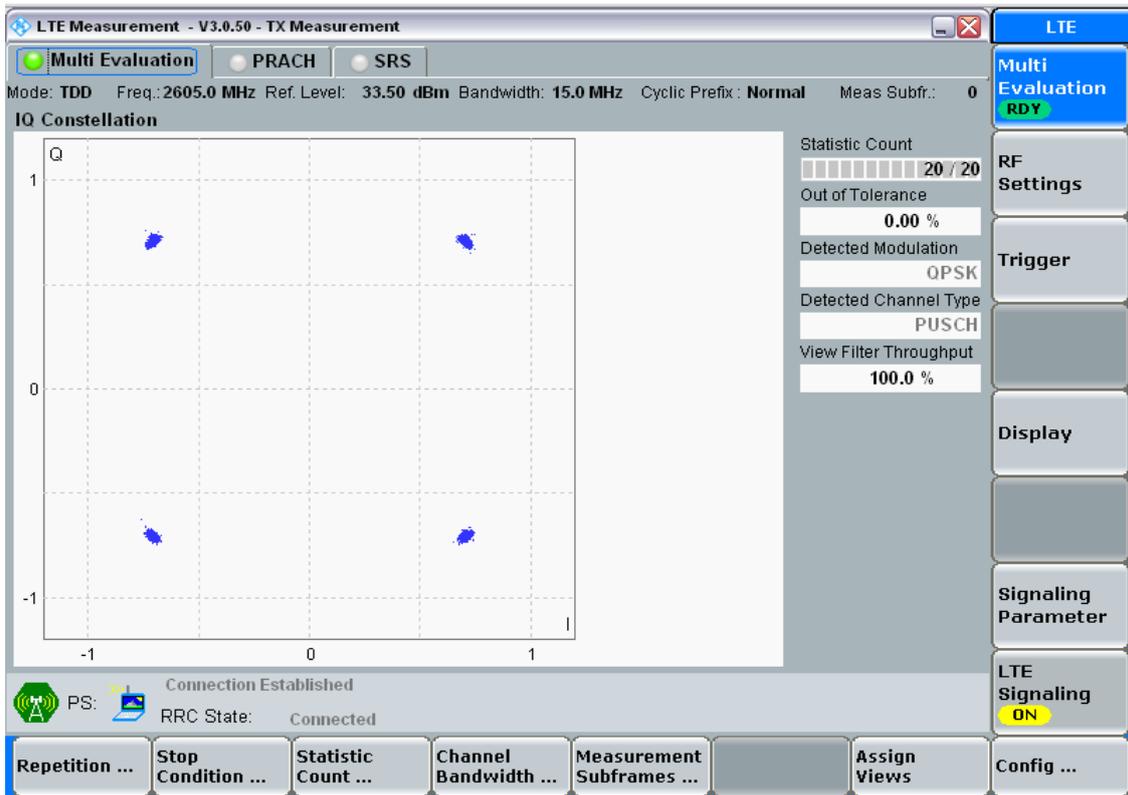
##### 3.1.4.1.2.1.1 Test RB = RB50#0



### 3.1.4.1.3 Test Bandwidth = 15

#### 3.1.4.1.3.1 Test Channel = MCH

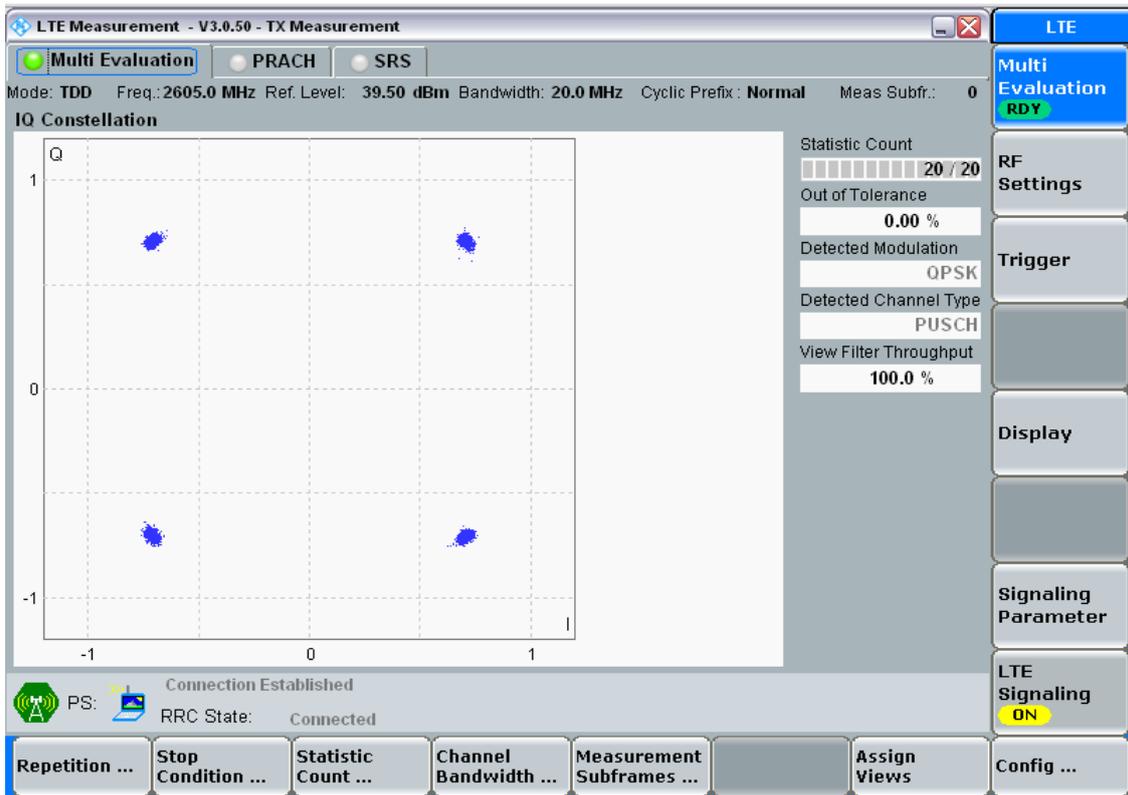
##### 3.1.4.1.3.1.1 Test RB = RB75#0



### 3.1.4.1.4 Test Bandwidth = 20

#### 3.1.4.1.4.1 Test Channel = MCH

##### 3.1.4.1.4.1.1 Test RB = RB100#0

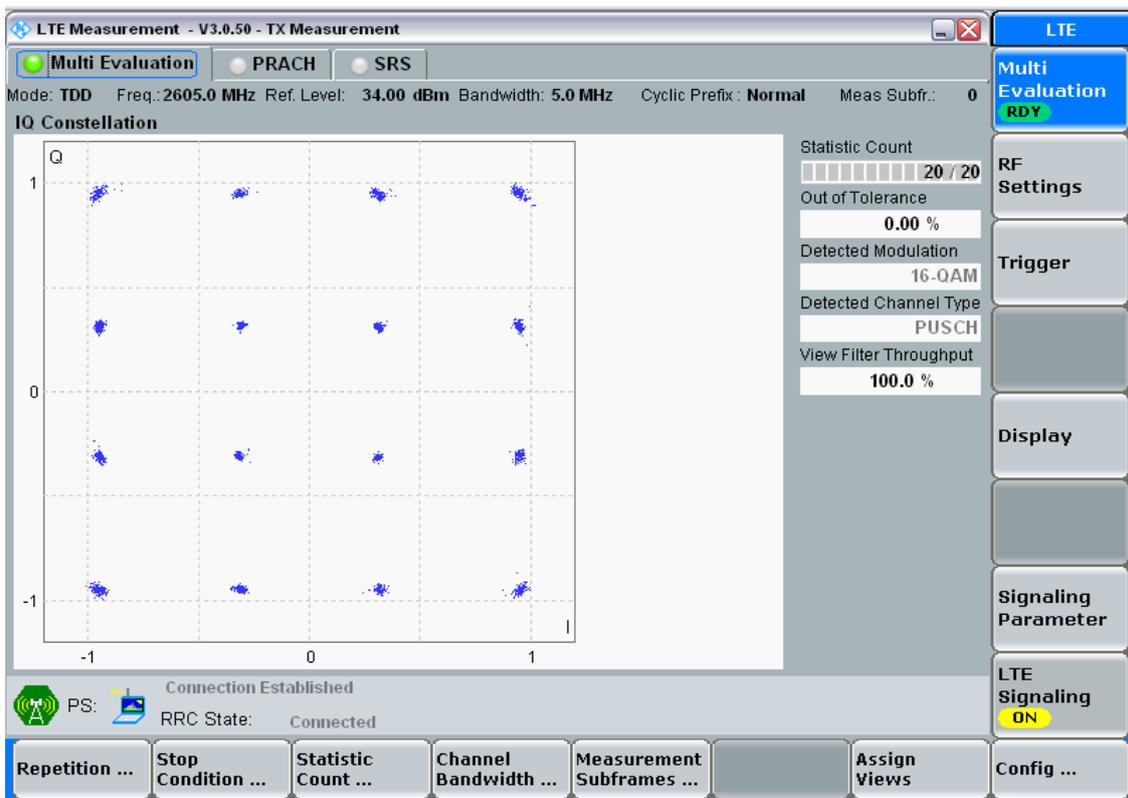


### 3.1.4.2 Test Mode = LTE/TM2

#### 3.1.4.2.1 Test Bandwidth = 5

##### 3.1.4.2.1.1 Test Channel = MCH

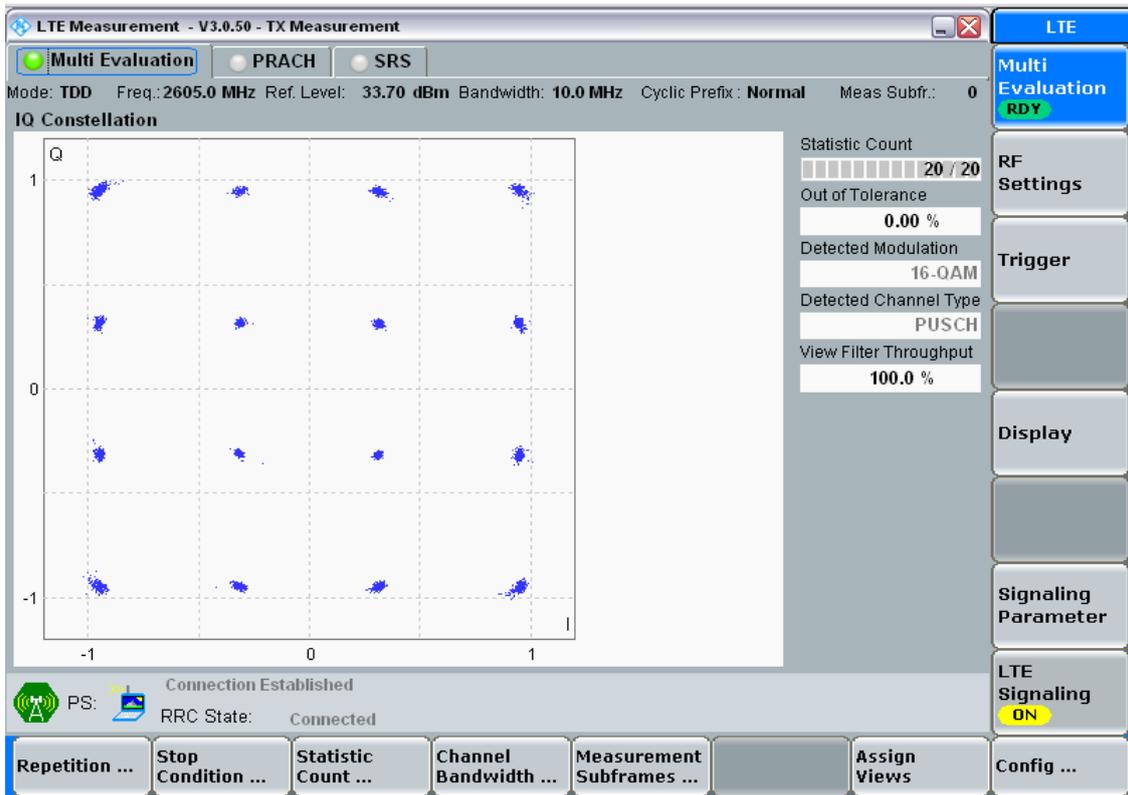
###### 3.1.4.2.1.1.1 Test RB = RB25#0



### 3.1.4.2.2 Test Bandwidth = 10

#### 3.1.4.2.2.1 Test Channel = MCH

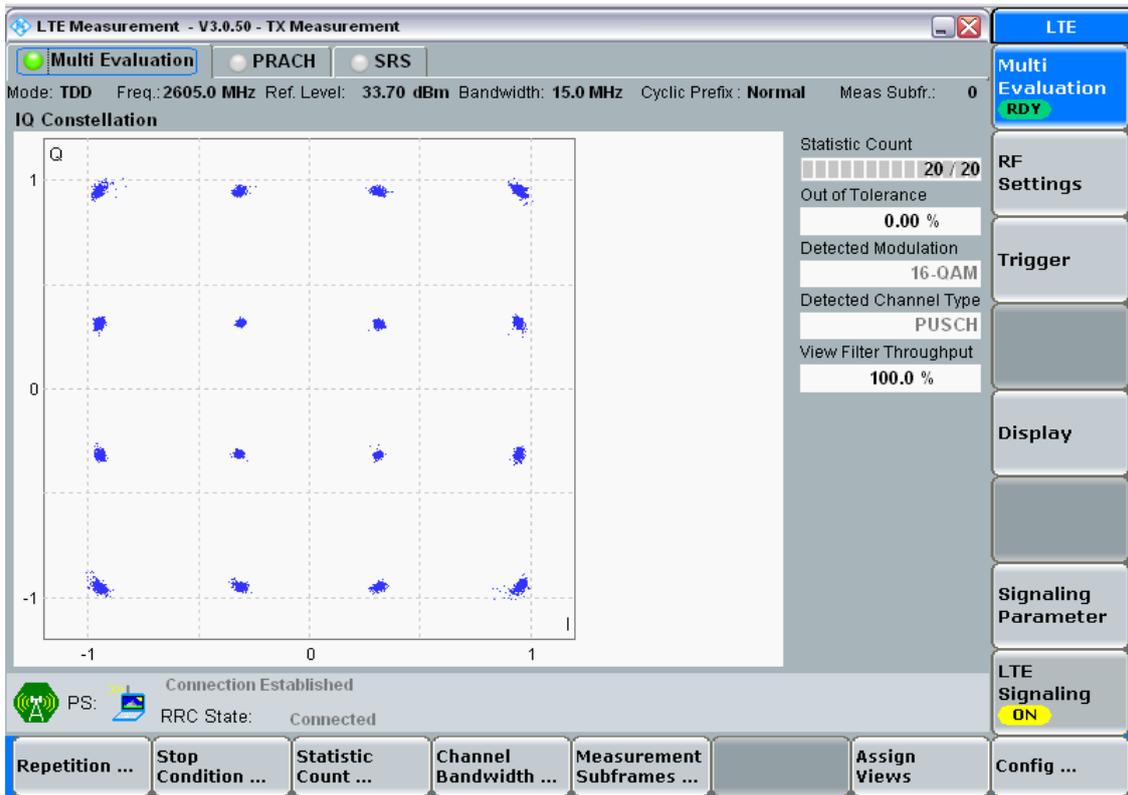
##### 3.1.4.2.2.1.1 Test RB = RB50#0



### 3.1.4.2.3 Test Bandwidth = 15

#### 3.1.4.2.3.1 Test Channel = MCH

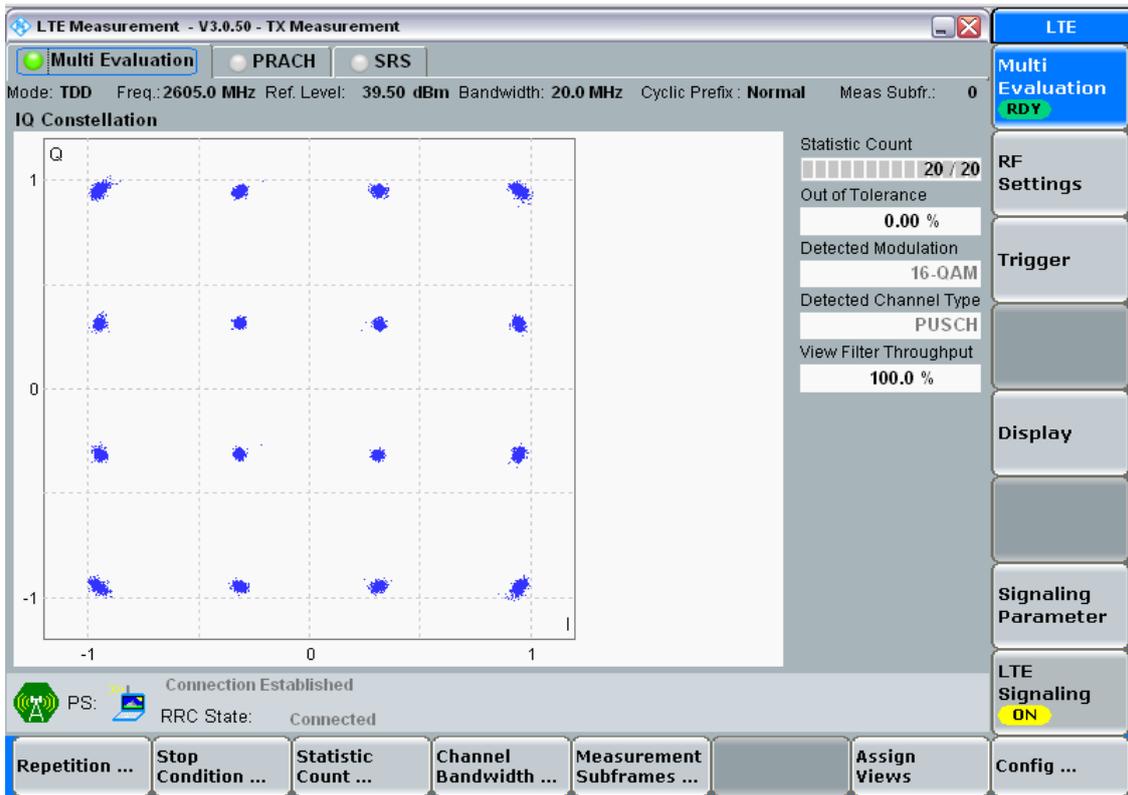
##### 3.1.4.2.3.1.1 Test RB = RB75#0



### 3.1.4.2.4 Test Bandwidth = 20

#### 3.1.4.2.4.1 Test Channel = MCH

##### 3.1.4.2.4.1.1 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
BAND4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.92	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.71	2.93	Pass
		5	LCH	RB25#0	4.50	4.85	Pass
			MCH	RB25#0	4.50	4.86	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.99	9.65	Pass
			MCH	RB50#0	9.00	9.66	Pass
			HCH	RB50#0	9.00	9.64	Pass
		15	LCH	RB75#0	13.49	14.36	Pass
			MCH	RB75#0	13.51	14.40	Pass
			HCH	RB75#0	13.49	14.51	Pass
		20	LCH	RB100#0	17.96	19.07	Pass
			MCH	RB100#0	18.00	19.06	Pass
			HCH	RB100#0	17.99	19.03	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	2.71	2.93	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.70	2.95	Pass
		5	LCH	RB25#0	4.49	4.87	Pass
			MCH	RB25#0	4.50	4.90	Pass
			HCH	RB25#0	4.50	4.86	Pass
10		LCH	RB50#0	8.99	9.65	Pass	
		MCH	RB50#0	9.02	9.66	Pass	
		HCH	RB50#0	9.00	9.69	Pass	

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.48	14.41	Pass
			MCH	RB75#0	13.51	14.51	Pass
			HCH	RB75#0	13.49	14.41	Pass
		20	LCH	RB100#0	17.97	19.07	Pass
			MCH	RB100#0	18.03	19.04	Pass
			HCH	RB100#0	17.99	19.14	Pass
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND7	LTE/TM1	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	9.02	9.68	Pass
			MCH	RB50#0	9.01	9.65	Pass
			HCH	RB50#0	9.01	9.72	Pass
		15	LCH	RB75#0	13.51	14.47	Pass
			MCH	RB75#0	13.51	14.39	Pass
			HCH	RB75#0	13.50	14.38	Pass
		20	LCH	RB100#0	18.00	19.13	Pass
			MCH	RB100#0	18.01	19.07	Pass
			HCH	RB100#0	17.98	19.08	Pass
	LTE/TM2	5	LCH	RB25#0	4.50	4.88	Pass
			MCH	RB25#0	4.50	4.87	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	9.01	9.71	Pass
			MCH	RB50#0	9.01	9.68	Pass
			HCH	RB50#0	9.00	9.71	Pass
		15	LCH	RB75#0	13.51	14.44	Pass
			MCH	RB75#0	13.50	14.48	Pass
			HCH	RB75#0	13.50	14.44	Pass
		20	LCH	RB100#0	18.01	19.07	Pass
			MCH	RB100#0	18.02	19.07	Pass
			HCH	RB100#0	17.99	19.06	Pass
Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND38	LTE/TM1	5	LCH	RB25#0	4.49	4.83	Pass
			MCH	RB25#0	4.48	4.82	Pass
			HCH	RB25#0	4.51	4.84	Pass



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict	
		10	LCH	RB50#0	9.00	9.64	Pass	
			MCH	RB50#0	9.00	9.66	Pass	
			HCH	RB50#0	9.01	9.55	Pass	
		15	LCH	RB75#0	13.50	14.34	Pass	
			MCH	RB75#0	13.49	14.30	Pass	
			HCH	RB75#0	13.48	14.36	Pass	
		20	LCH	RB100#0	17.98	19.07	Pass	
			MCH	RB100#0	17.96	19.16	Pass	
			HCH	RB100#0	17.97	19.01	Pass	
		LTE/TM2	5	LCH	RB25#0	4.49	4.84	Pass
				MCH	RB25#0	4.49	4.84	Pass
				HCH	RB25#0	4.48	4.82	Pass
	10		LCH	RB50#0	8.99	9.65	Pass	
			MCH	RB50#0	9.00	9.66	Pass	
			HCH	RB50#0	8.98	9.65	Pass	
	15		LCH	RB75#0	13.48	14.38	Pass	
			MCH	RB75#0	13.49	14.43	Pass	
			HCH	RB75#0	13.47	14.34	Pass	
	20		LCH	RB100#0	17.99	19.02	Pass	
			MCH	RB100#0	17.96	19.13	Pass	
			HCH	RB100#0	17.98	19.02	Pass	
	BAND41	LTE/TM1	5	LCH	RB25#0	4.49	4.87	Pass
				MCH	RB25#0	4.49	4.86	Pass
				HCH	RB25#0	4.49	4.85	Pass
10			LCH	RB50#0	9.00	9.56	Pass	
			MCH	RB50#0	8.99	9.59	Pass	
			HCH	RB50#0	9.00	9.54	Pass	
15			LCH	RB75#0	13.50	14.32	Pass	
			MCH	RB75#0	13.49	14.35	Pass	
			HCH	RB75#0	13.50	14.33	Pass	
20			LCH	RB100#0	17.96	18.97	Pass	
			MCH	RB100#0	17.99	19.00	Pass	
			HCH	RB100#0	17.98	18.99	Pass	
LTE/TM2		5	LCH	RB25#0	4.50	4.86	Pass	
			MCH	RB25#0	4.49	4.85	Pass	
			HCH	RB25#0	4.49	4.85	Pass	
		10	LCH	RB50#0	9.00	9.66	Pass	
			MCH	RB50#0	9.00	9.66	Pass	
			HCH	RB50#0	9.01	9.59	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	LCH	RB75#0	13.48	14.44	Pass
			MCH	RB75#0	13.49	14.40	Pass
			HCH	RB75#0	13.51	14.38	Pass
		20	LCH	RB100#0	17.96	19.03	Pass
			MCH	RB100#0	18.00	19.01	Pass
			HCH	RB100#0	17.99	19.09	Pass



Part II - Test Plots

4.1 For LTE

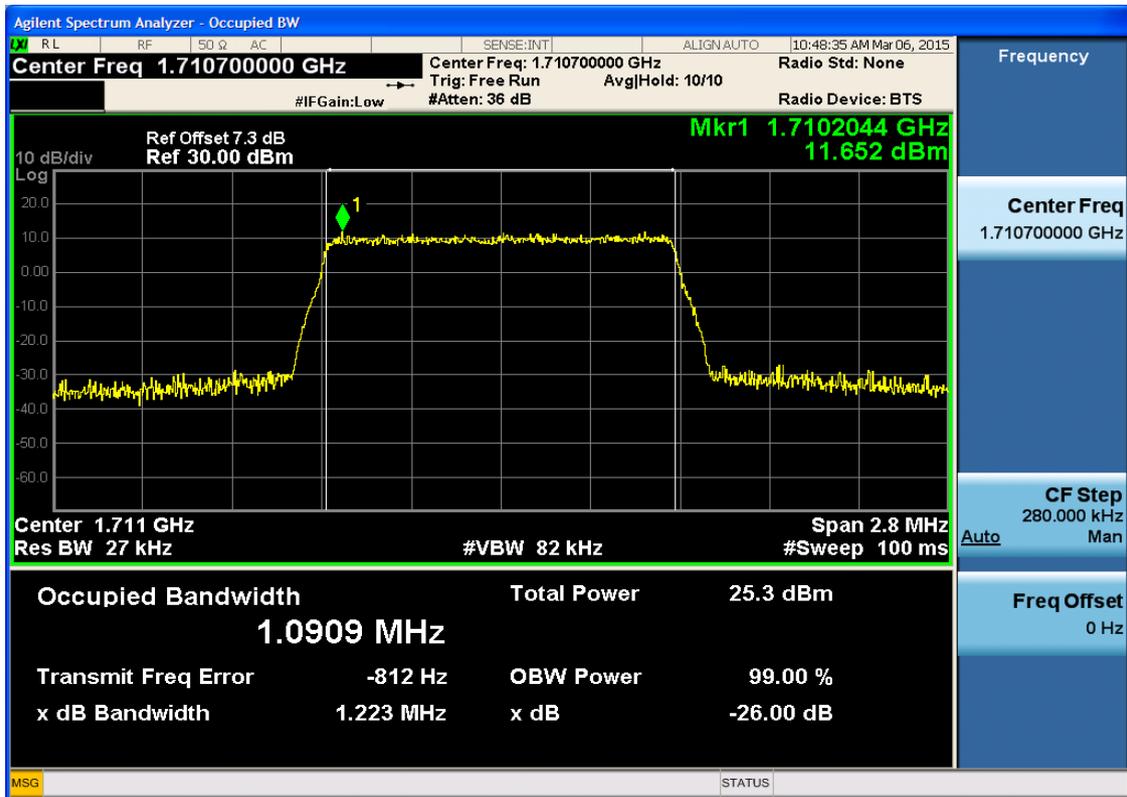
4.1.1 Test Band = BAND4

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

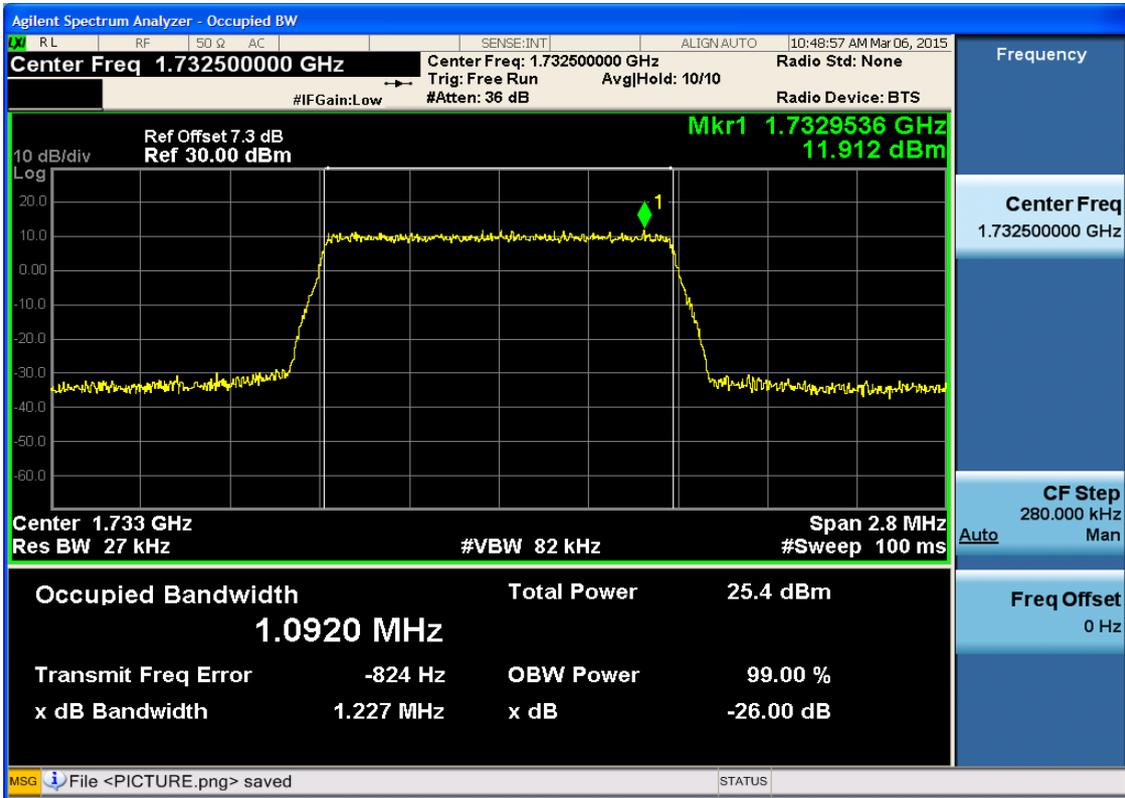
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



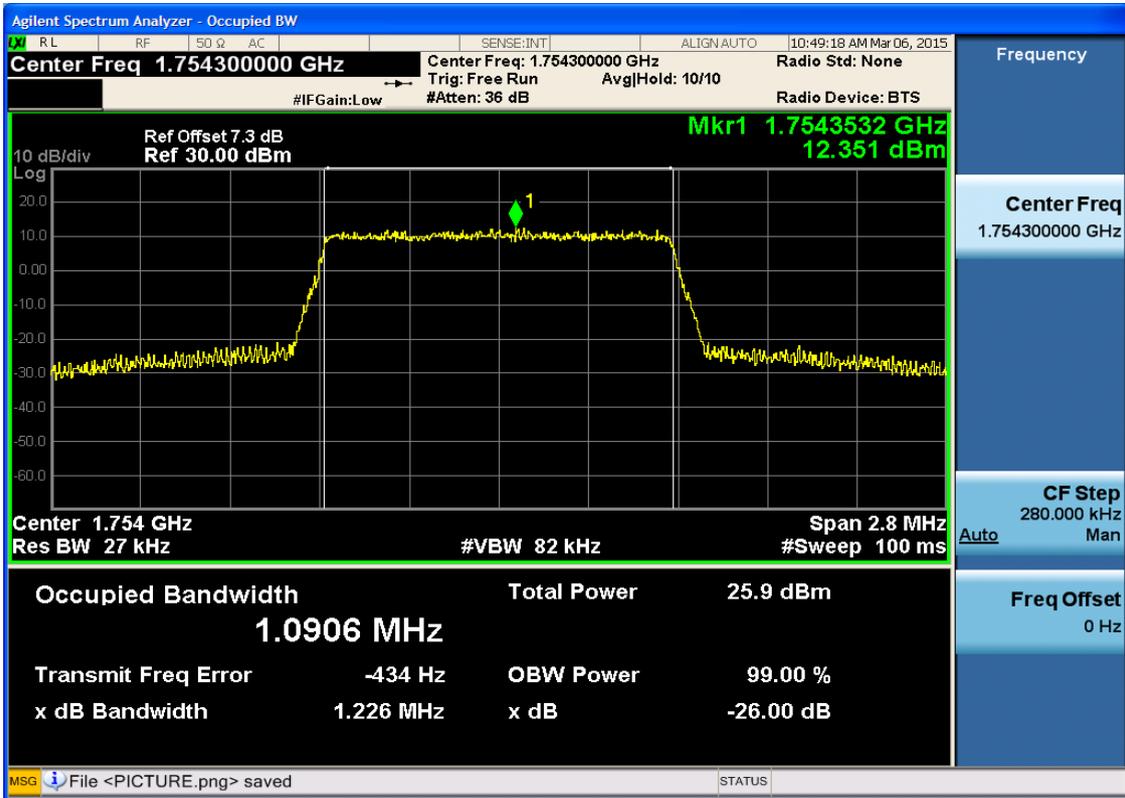
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

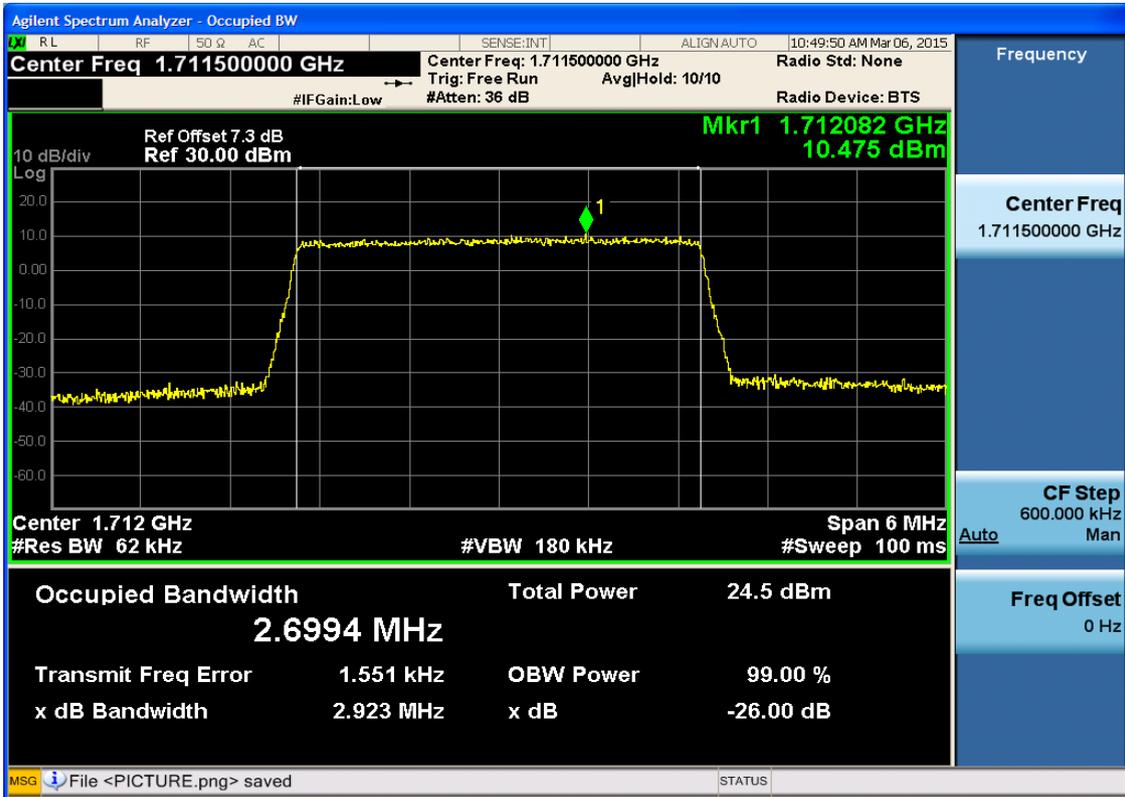
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

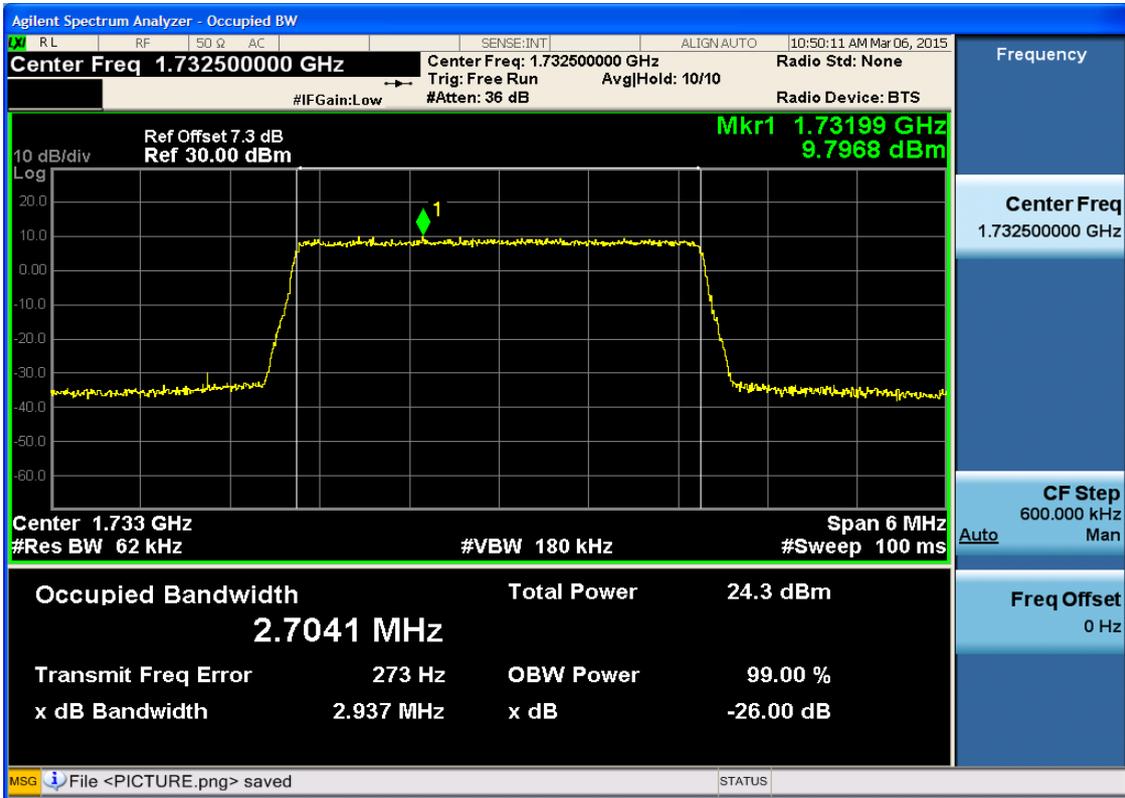
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



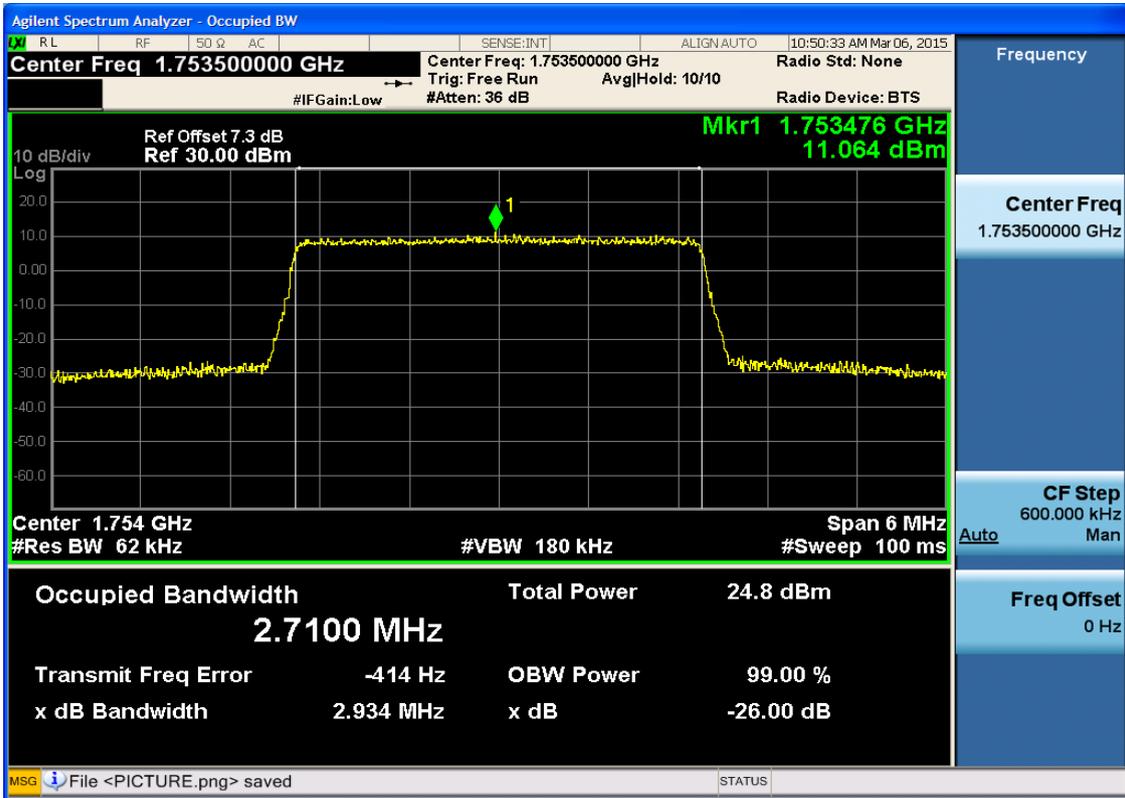
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

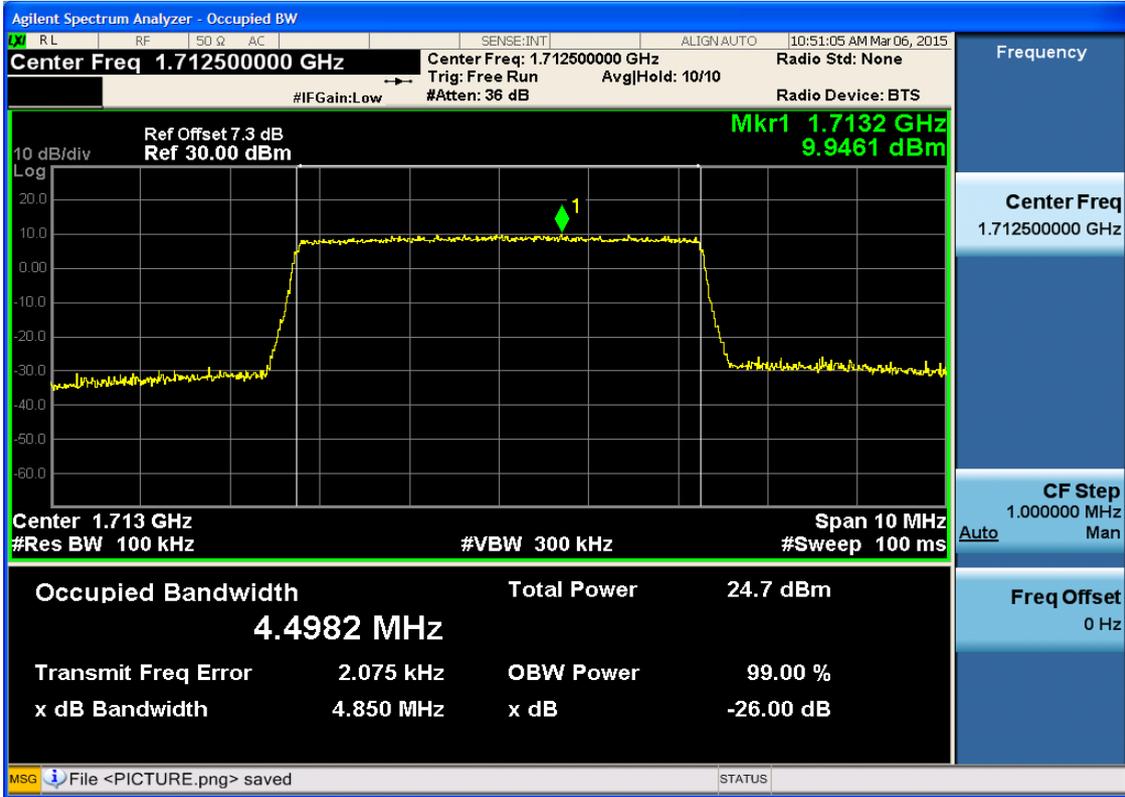
4.1.1.1.2.3.1 Test RB = RB15#0



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





4.1.1.1.3.3 Test Channel = HCH

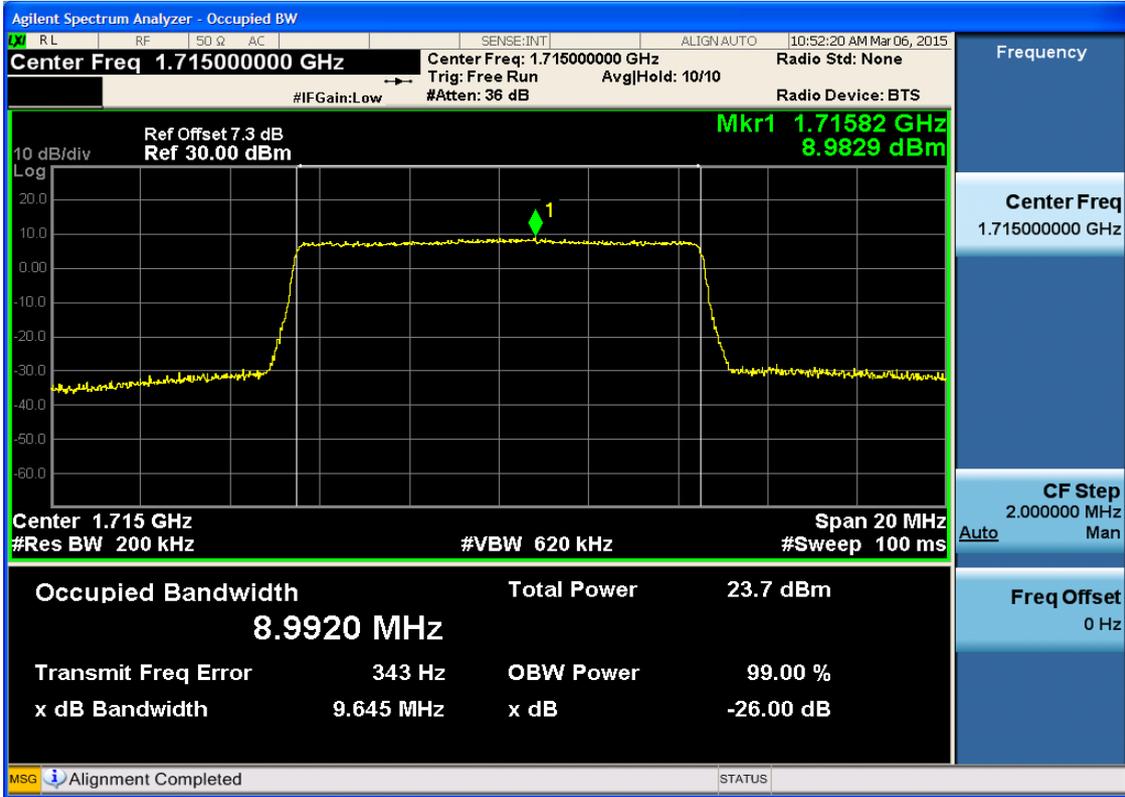
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

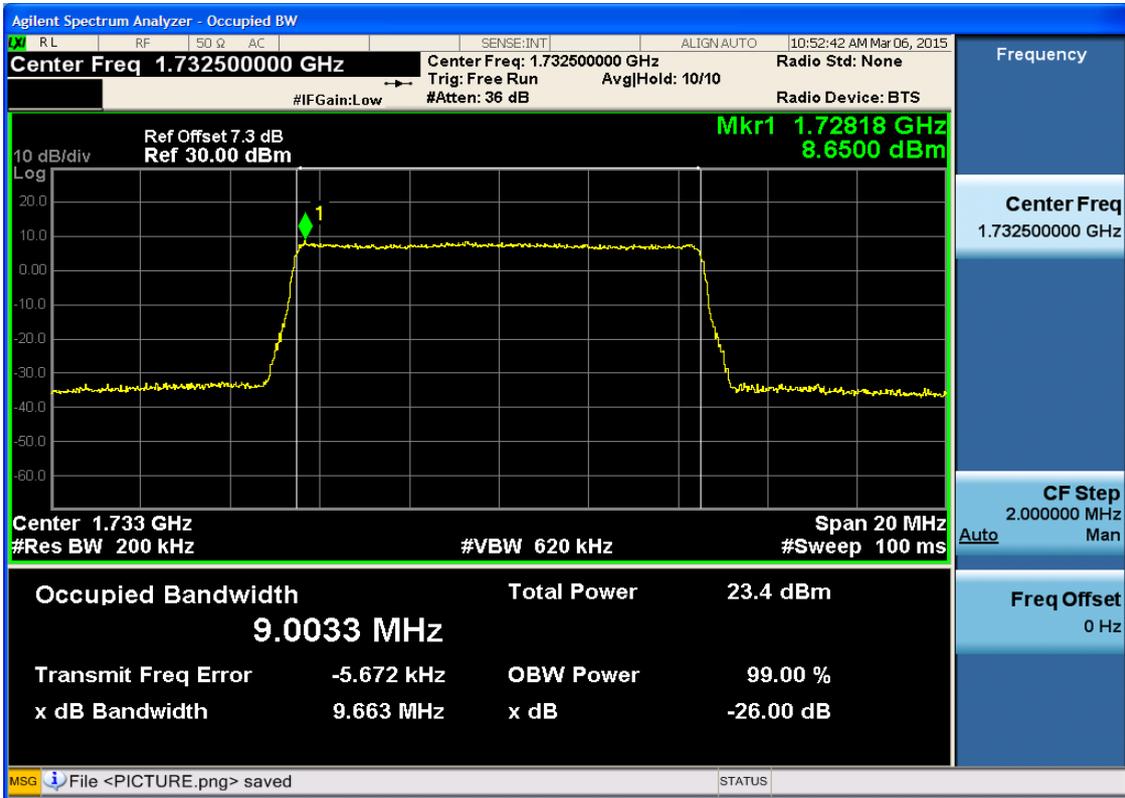
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

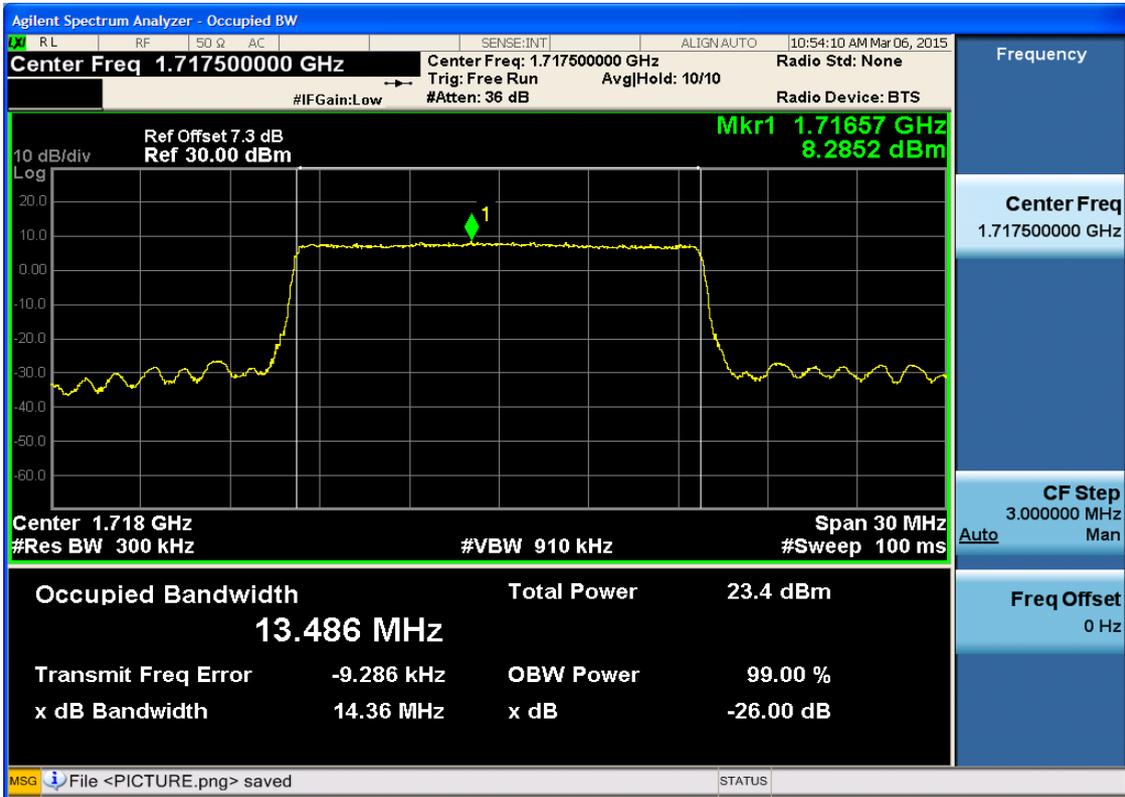
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

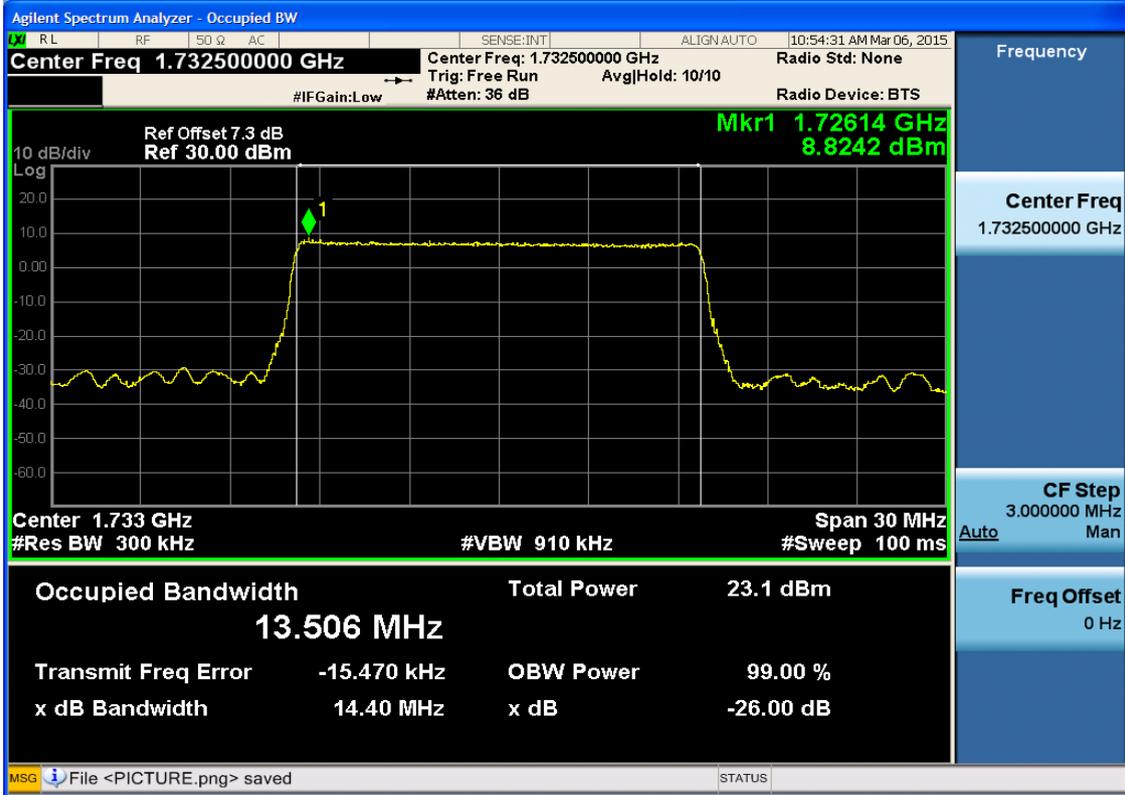
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



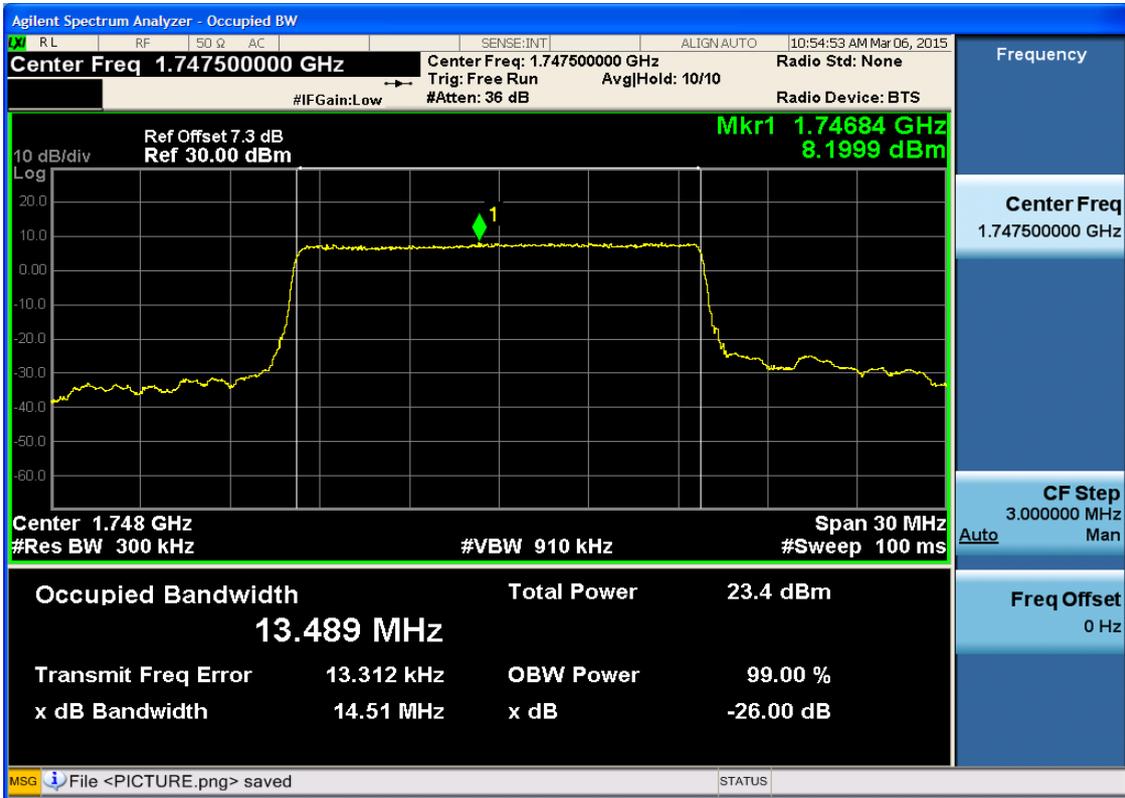
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0



4.1.1.1.6 Test Bandwidth = 20

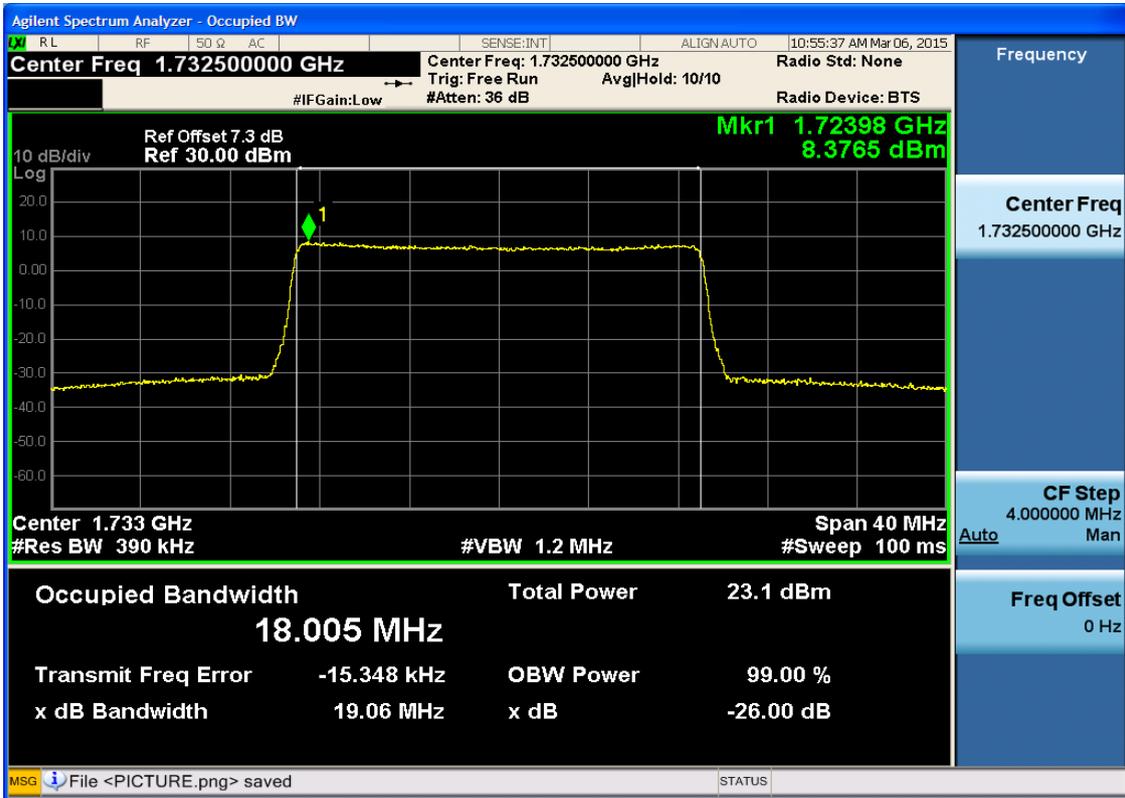
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0



4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0

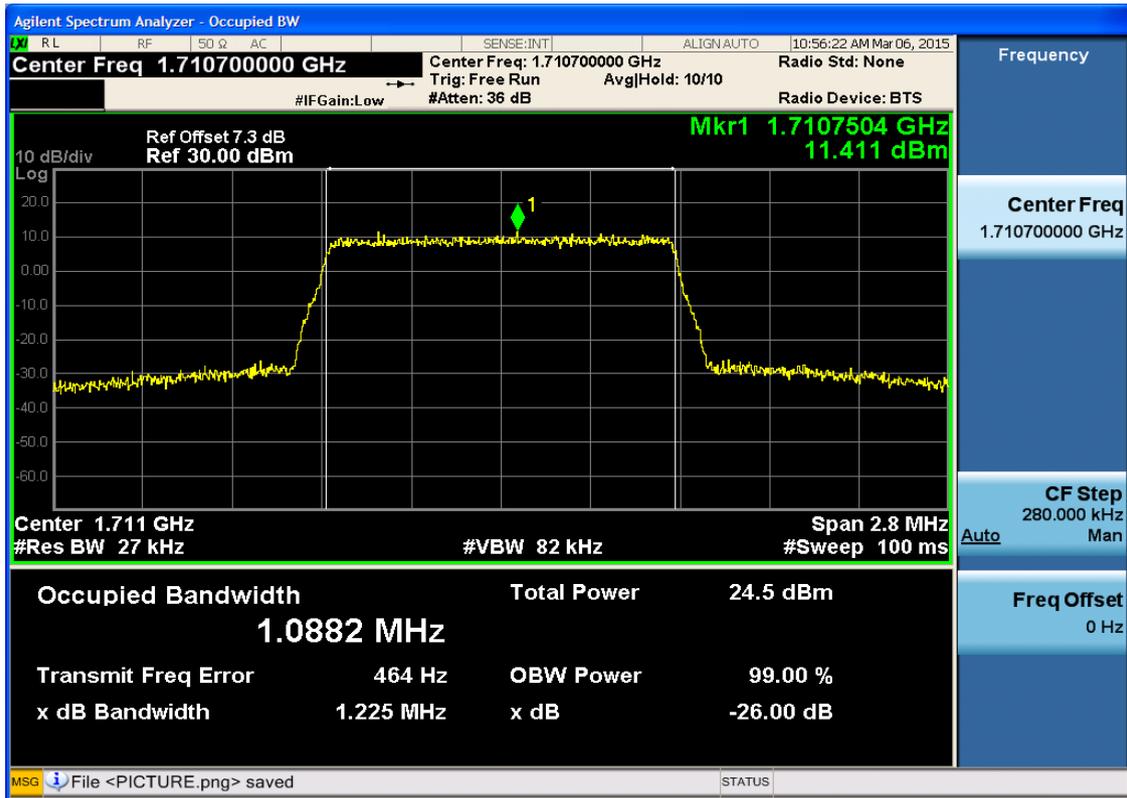


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



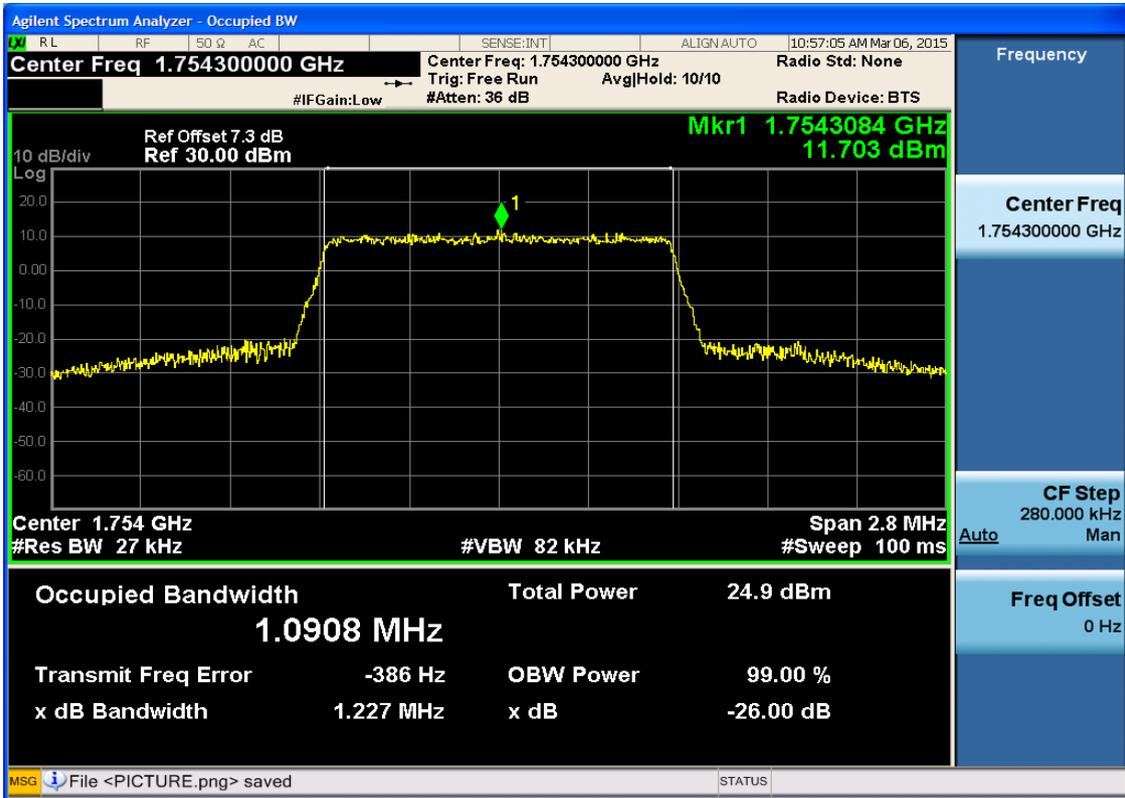
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

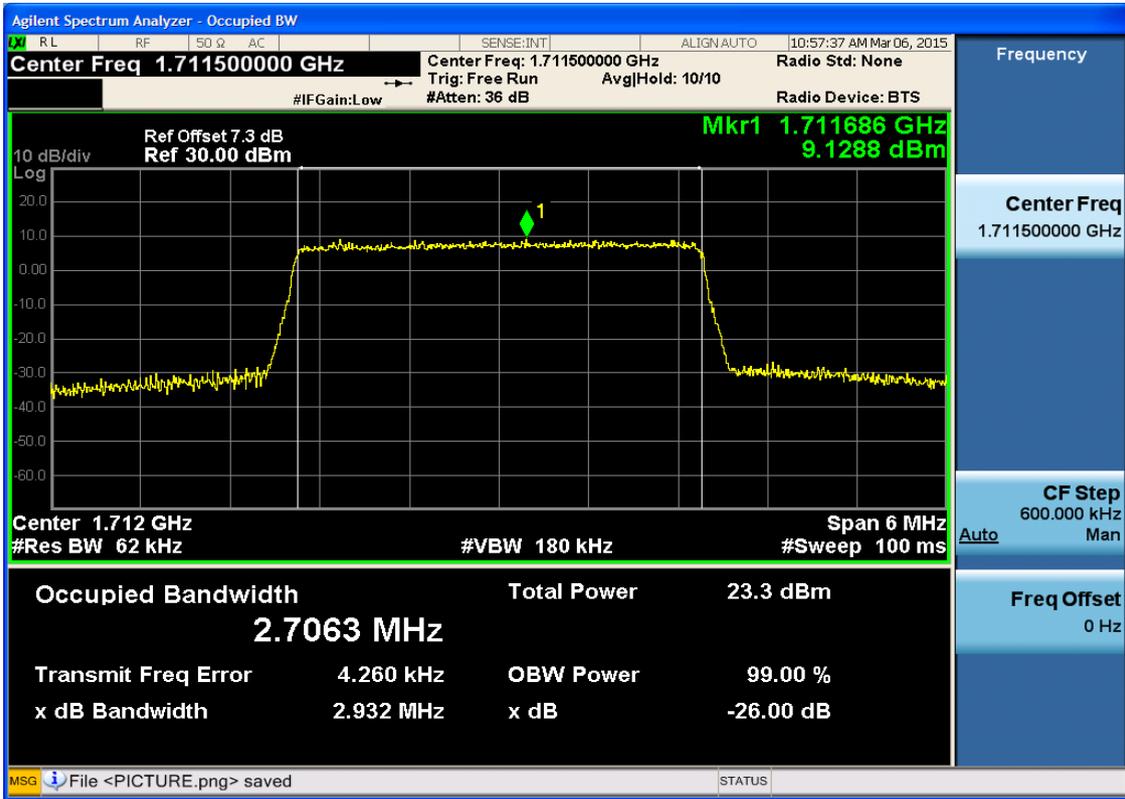
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

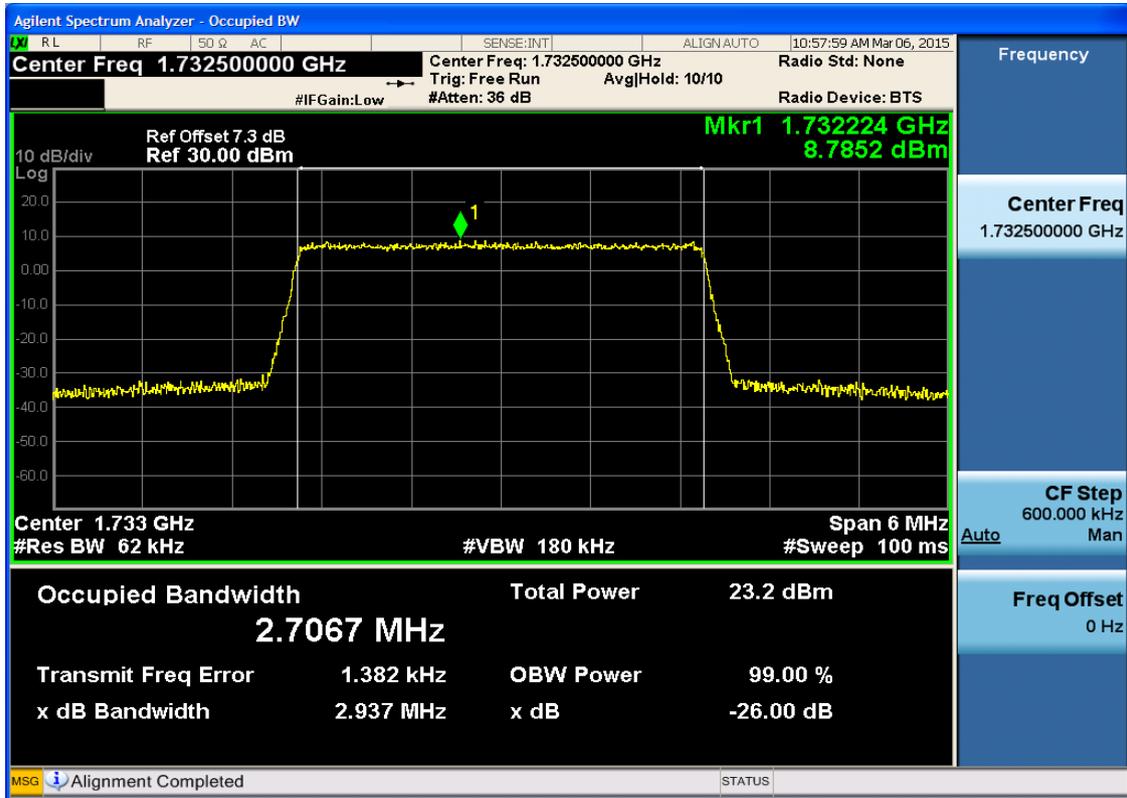
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



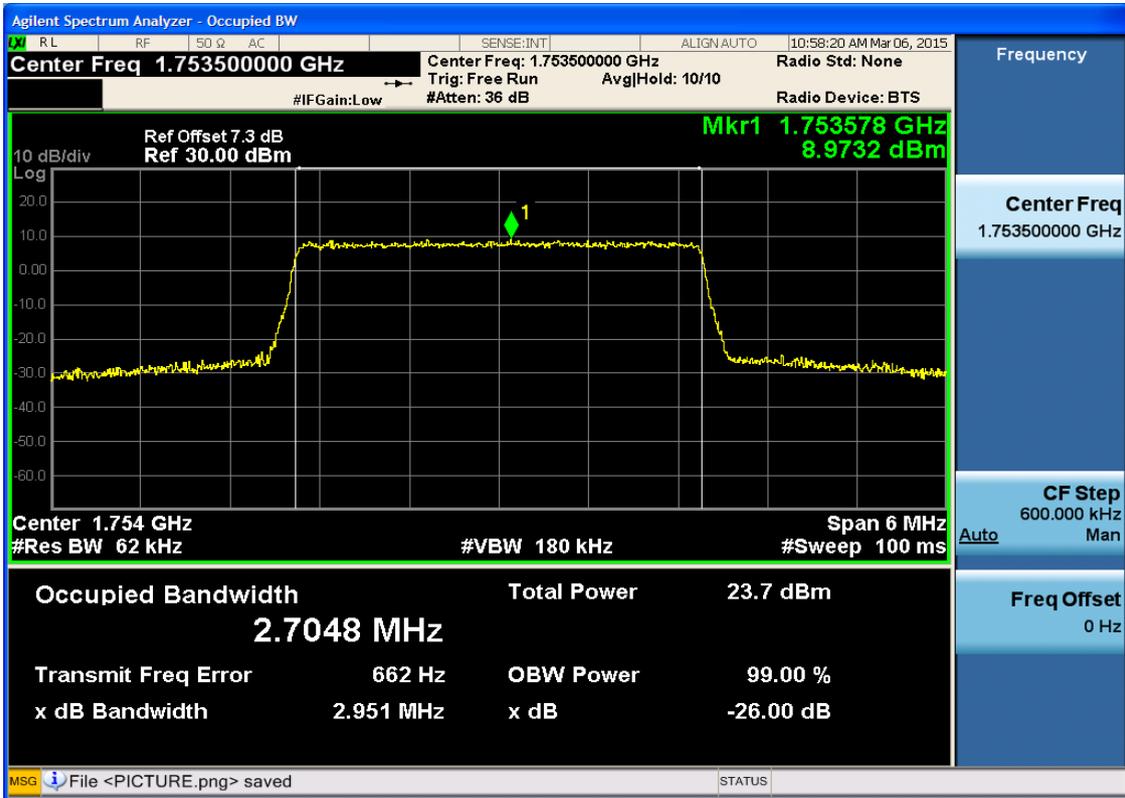
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

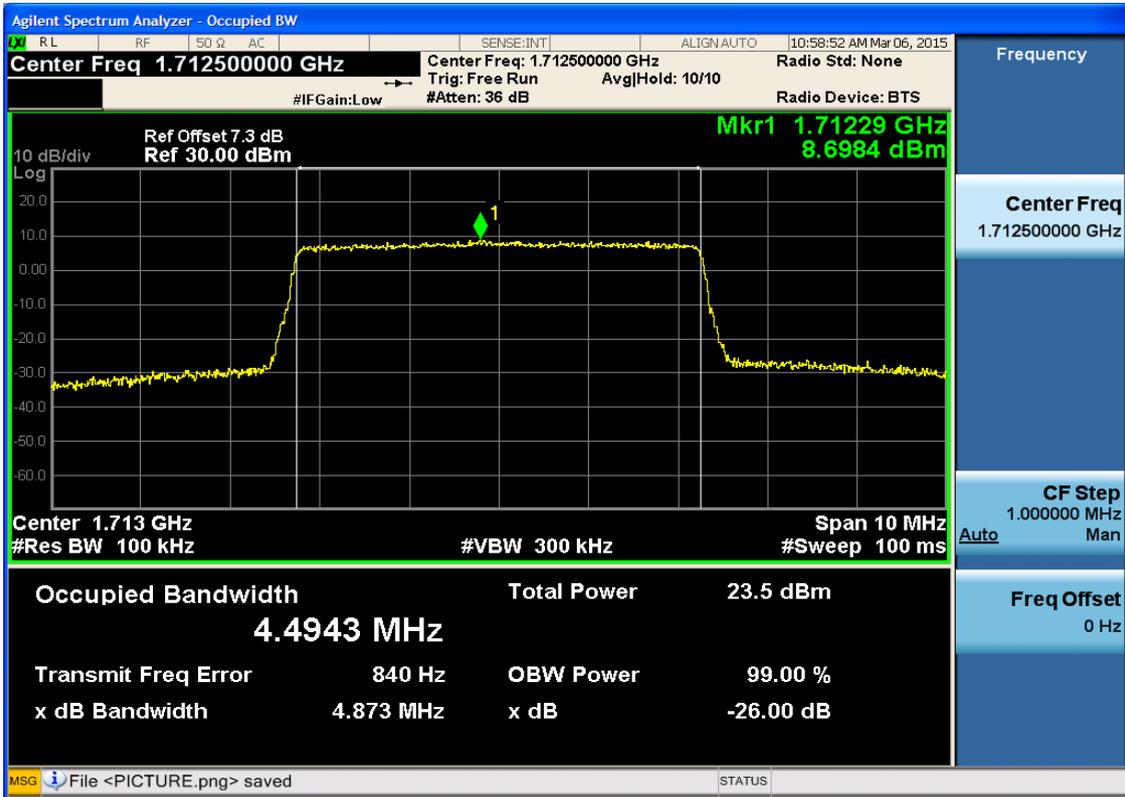
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

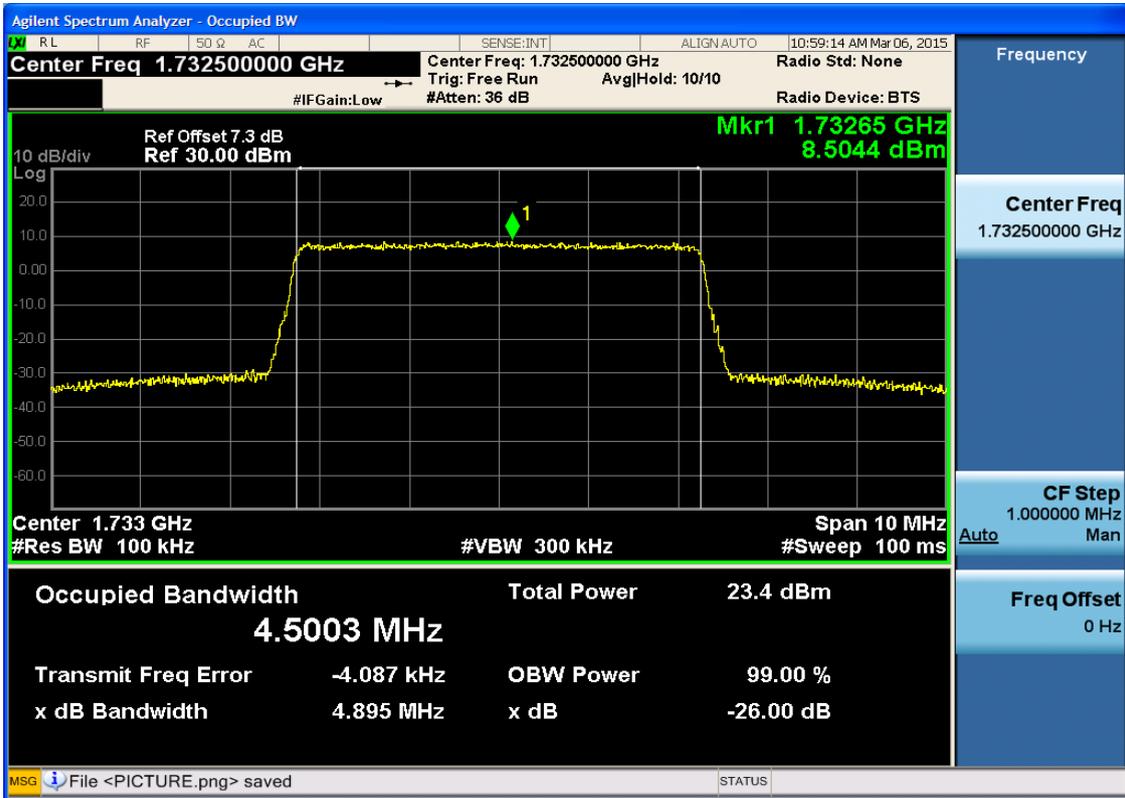
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



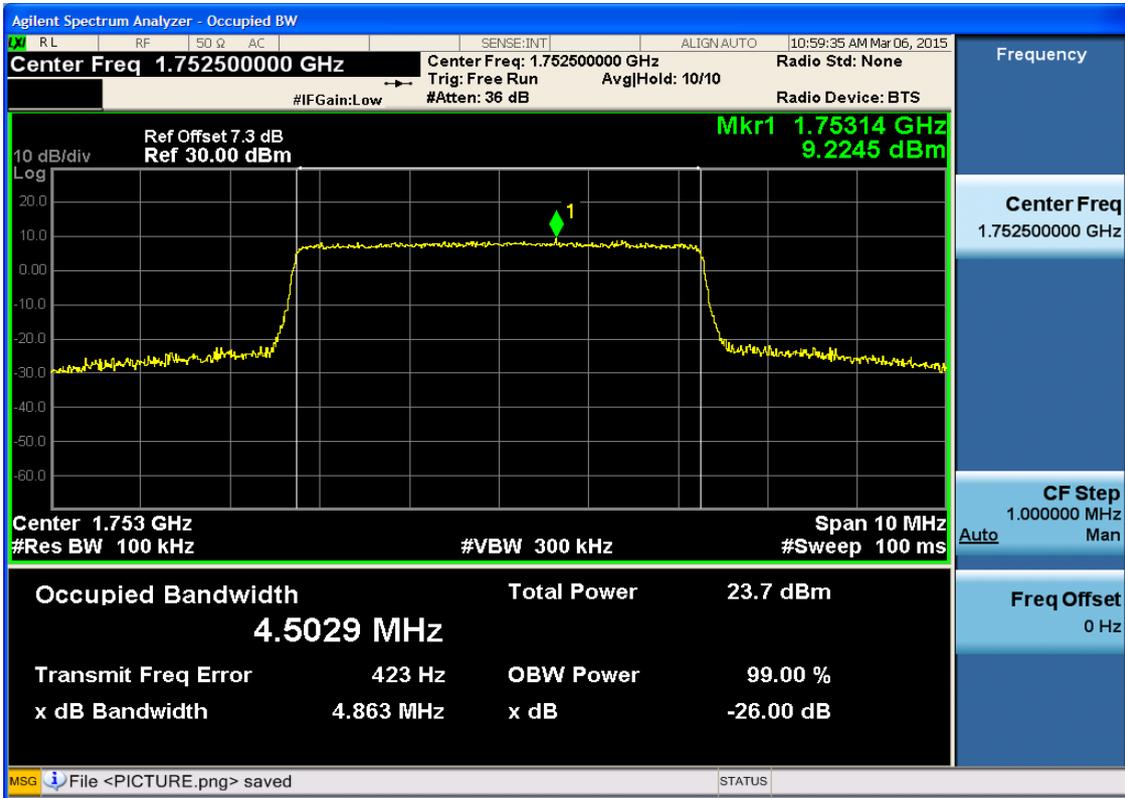
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

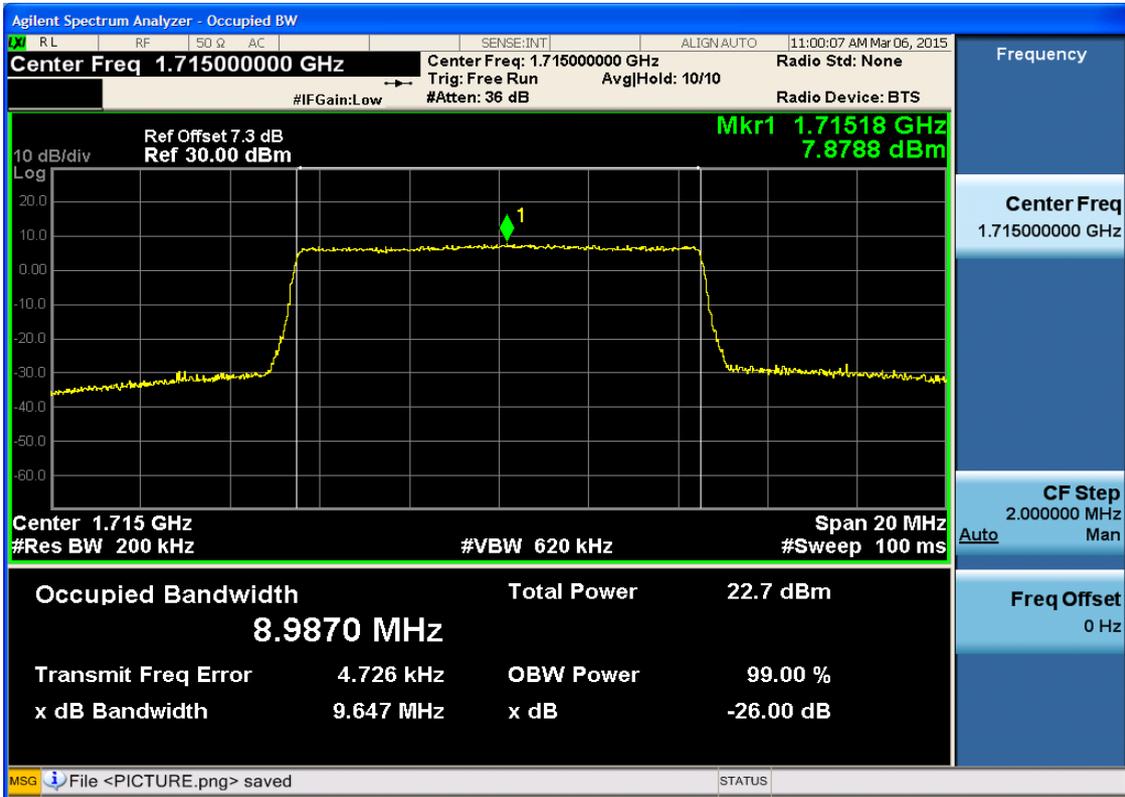
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

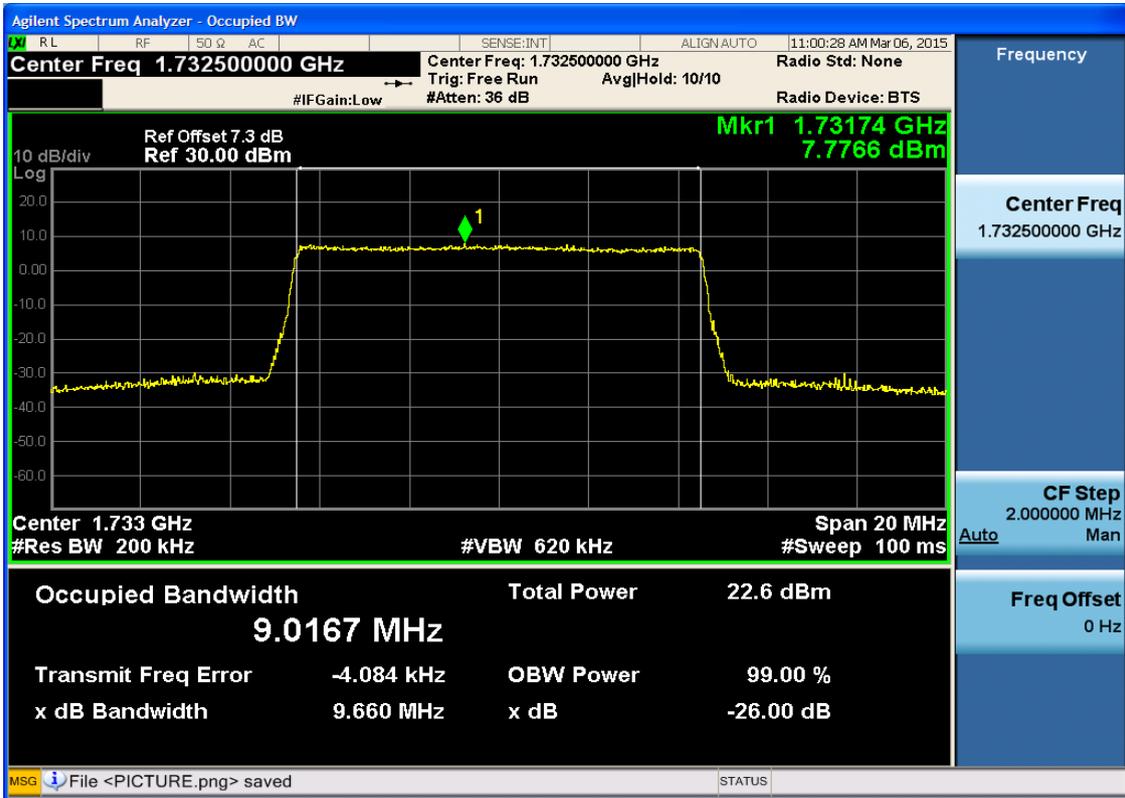
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

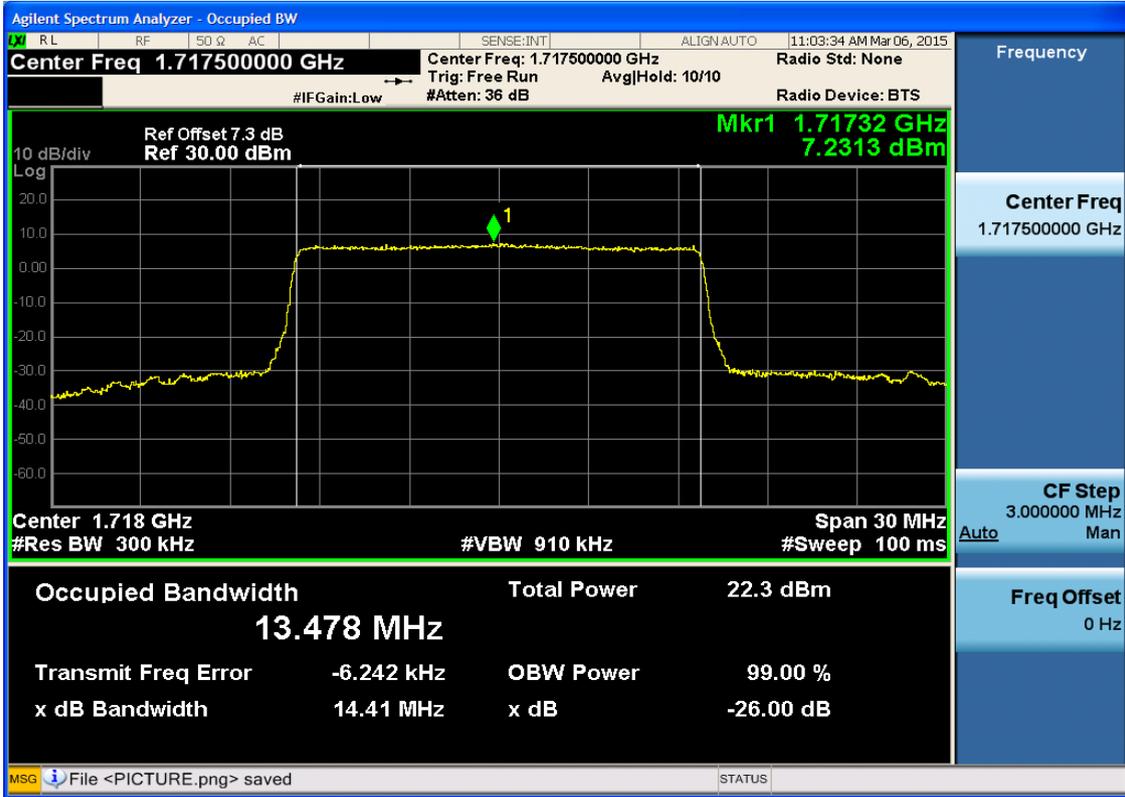
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



4.1.1.2.5.2 Test Channel = MCH

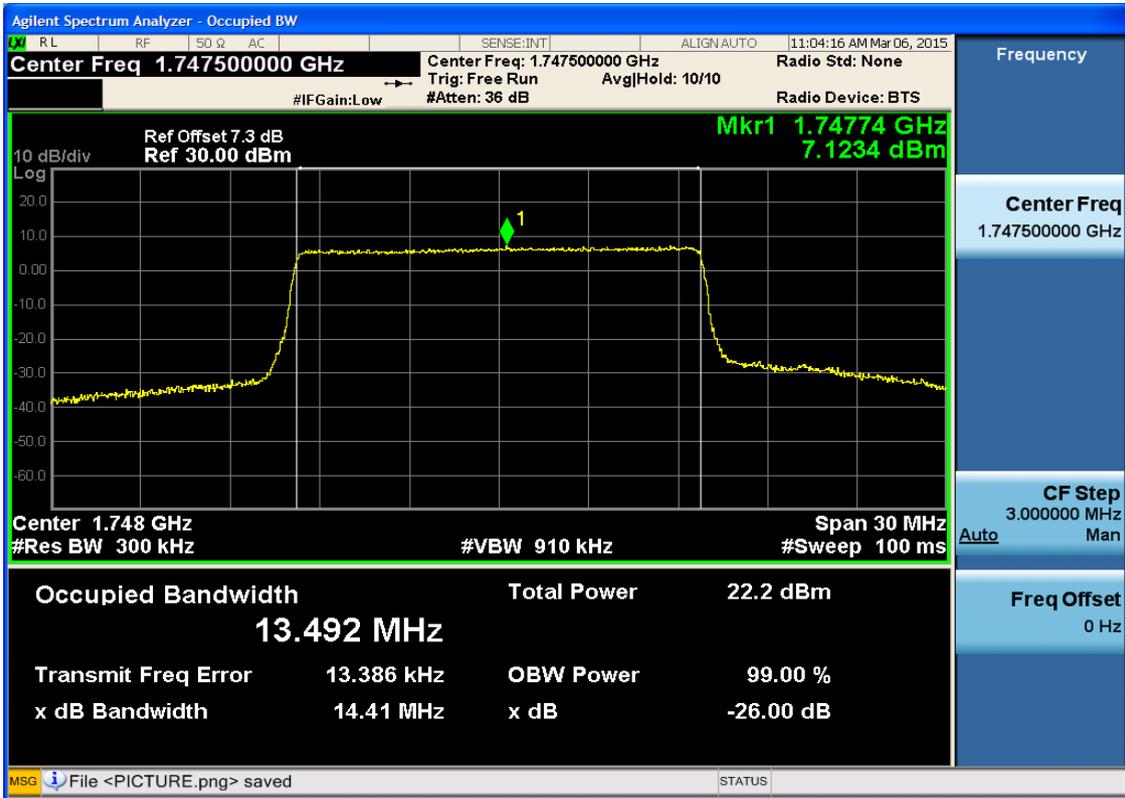
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

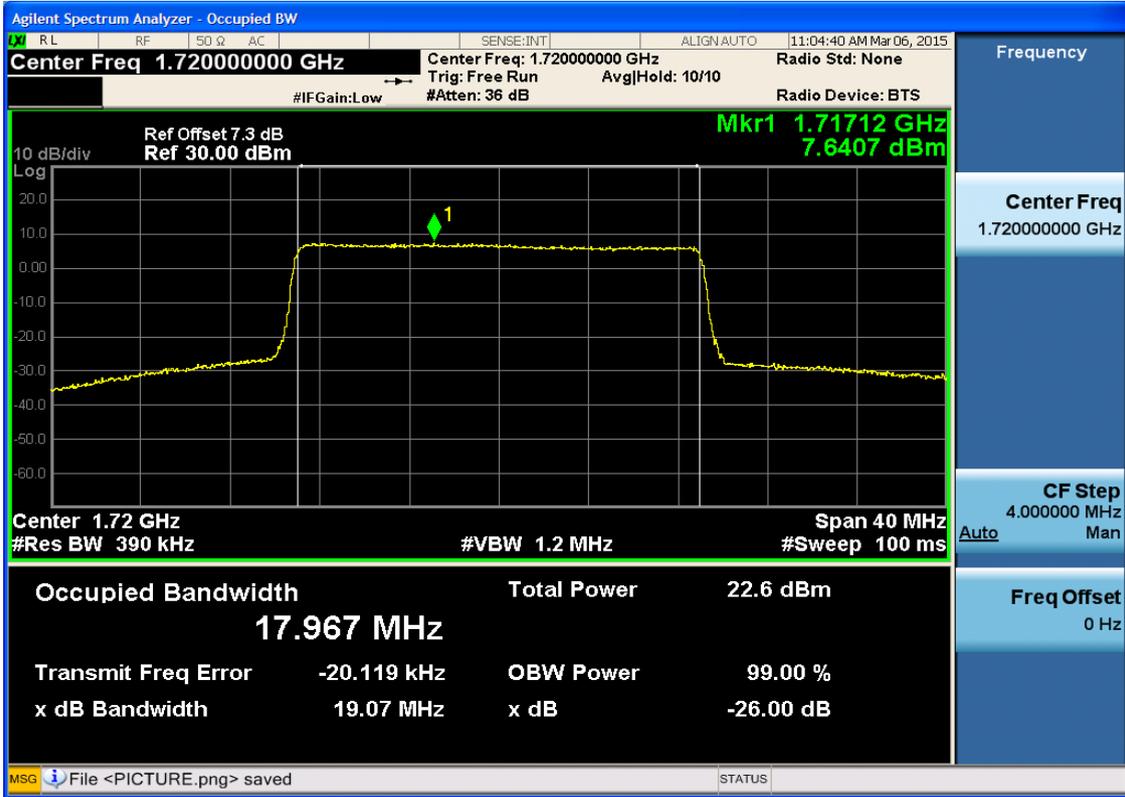
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

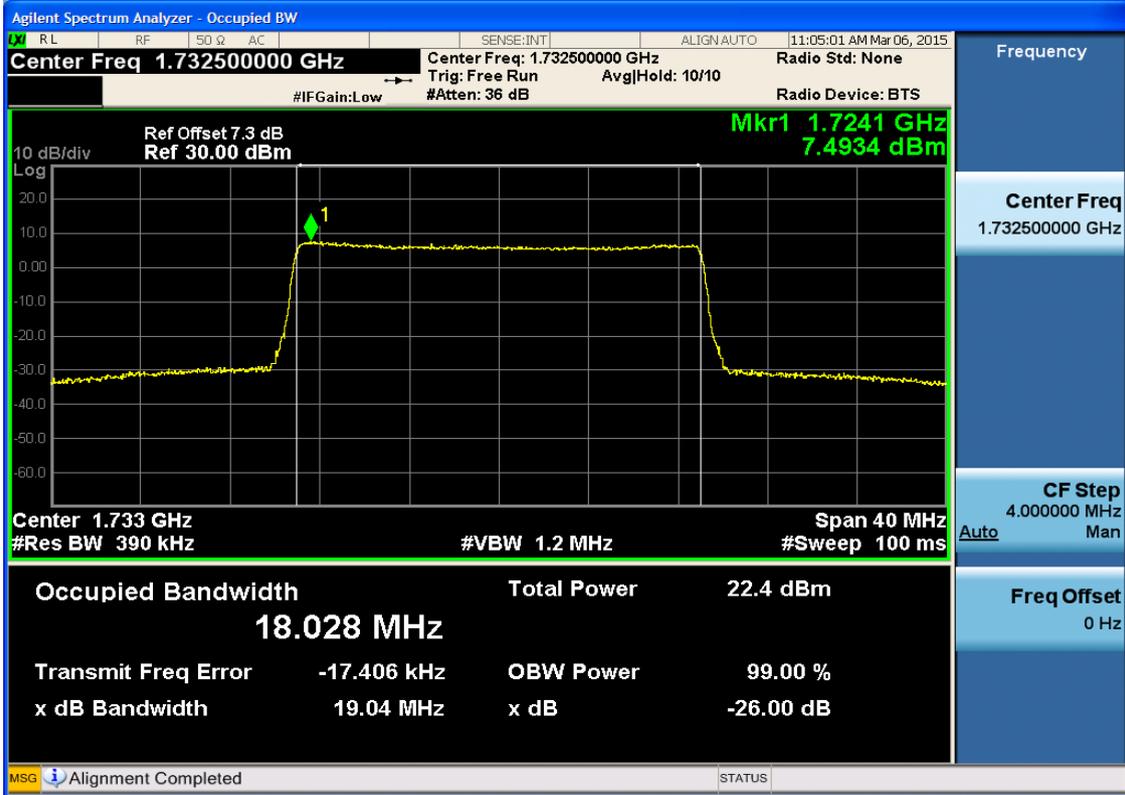
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



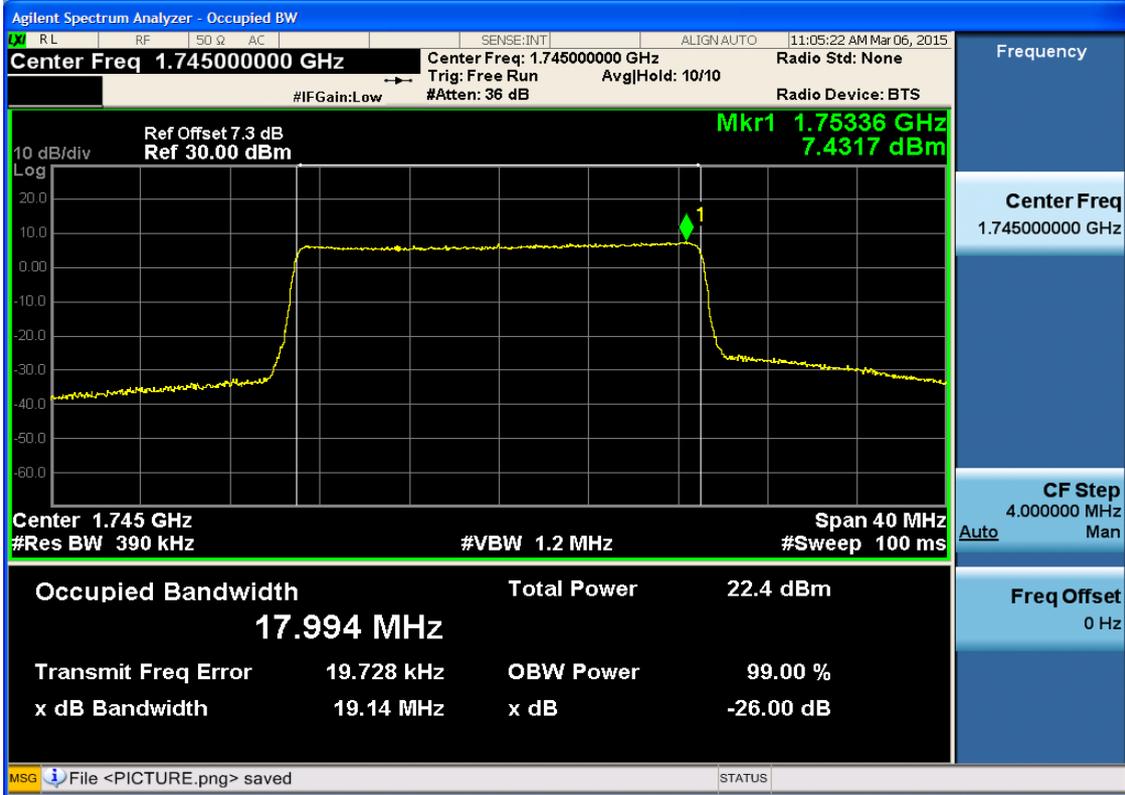
4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0



4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0





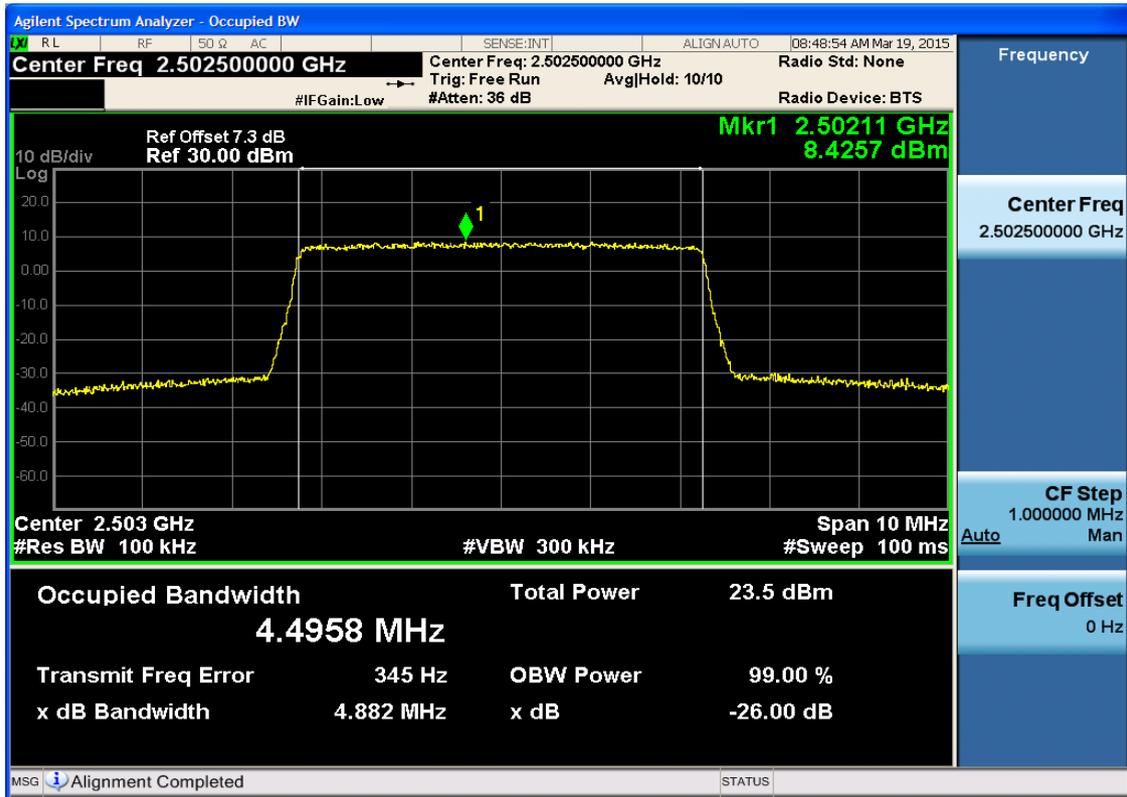
4.1.2 Test Band = BAND7

4.1.2.1 Test Mode = LTE/TM1

4.1.2.1.1 Test Bandwidth = 5

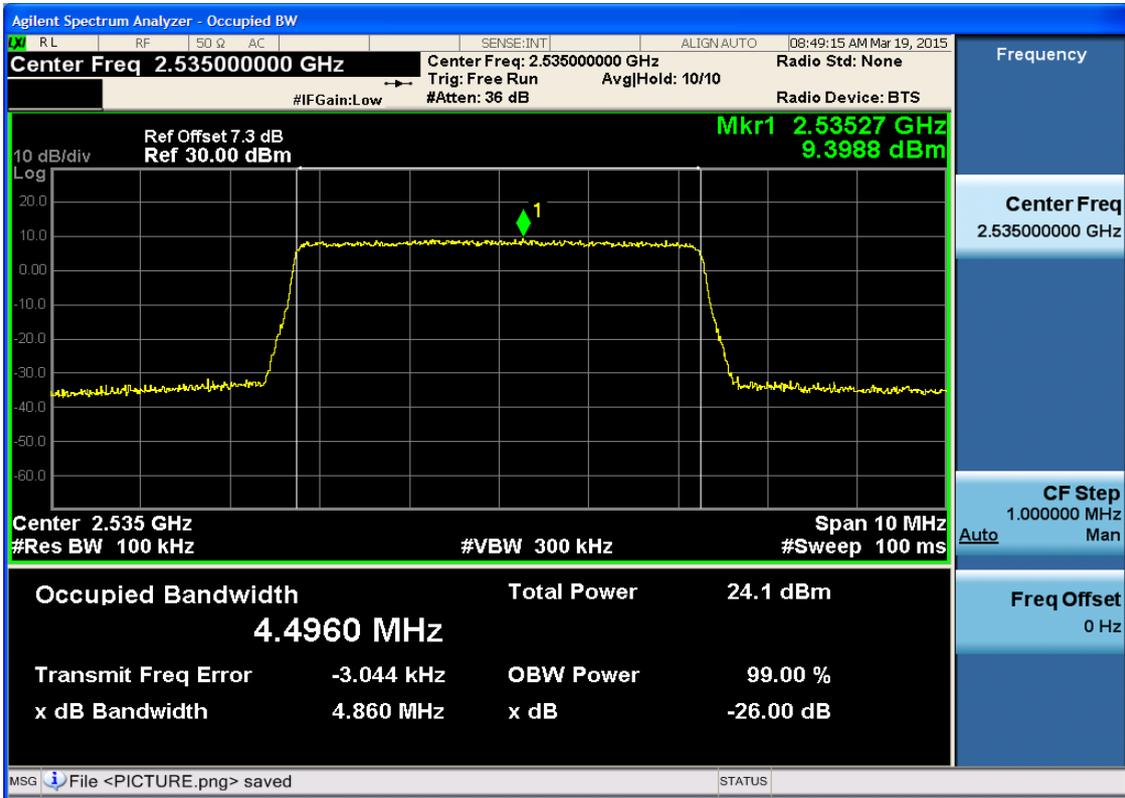
4.1.2.1.1.1 Test Channel = LCH

4.1.2.1.1.1.1 Test RB = RB25#0



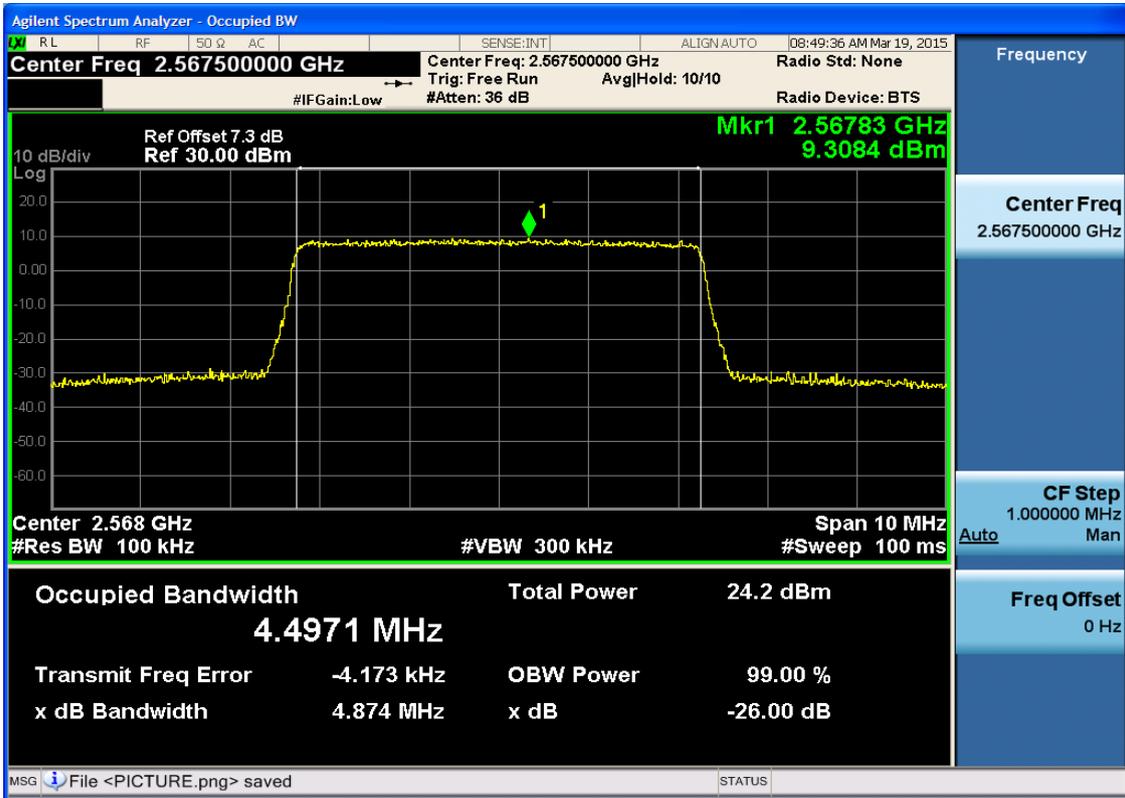
4.1.2.1.1.2 Test Channel = MCH

4.1.2.1.1.2.1 Test RB = RB25#0



4.1.2.1.1.3 Test Channel = HCH

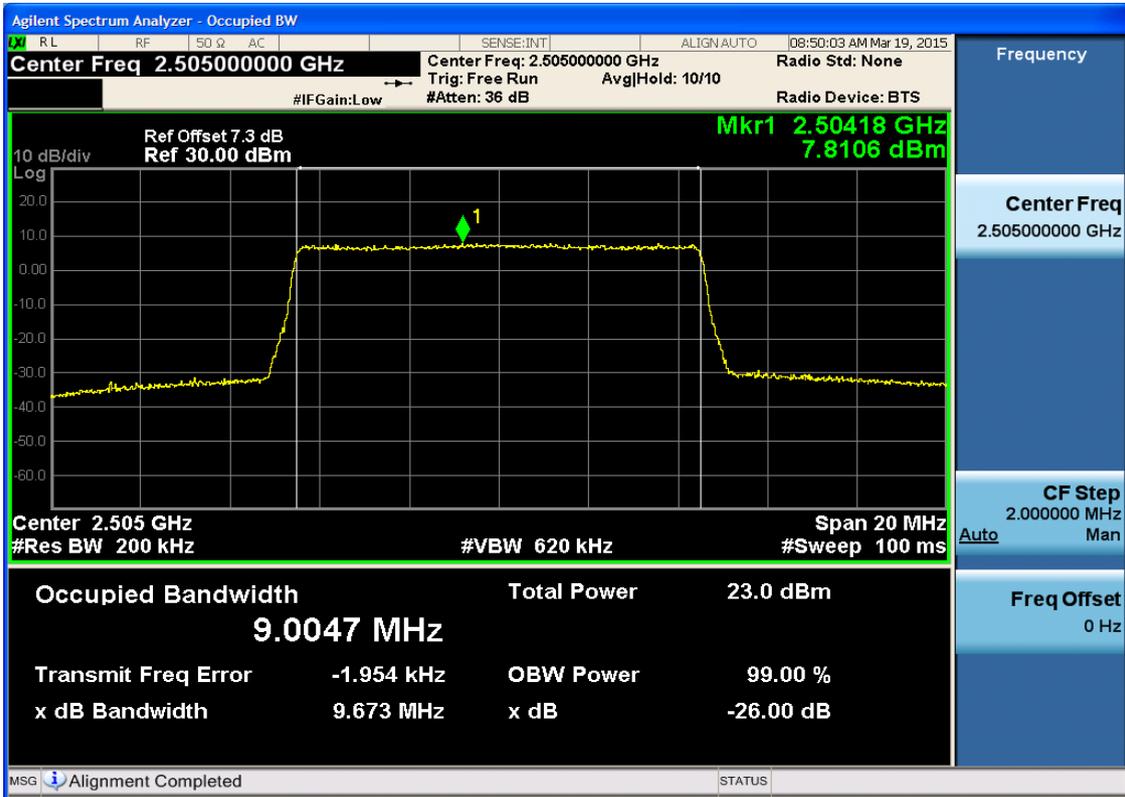
4.1.2.1.1.3.1 Test RB = RB25#0



4.1.2.1.2 Test Bandwidth = 10

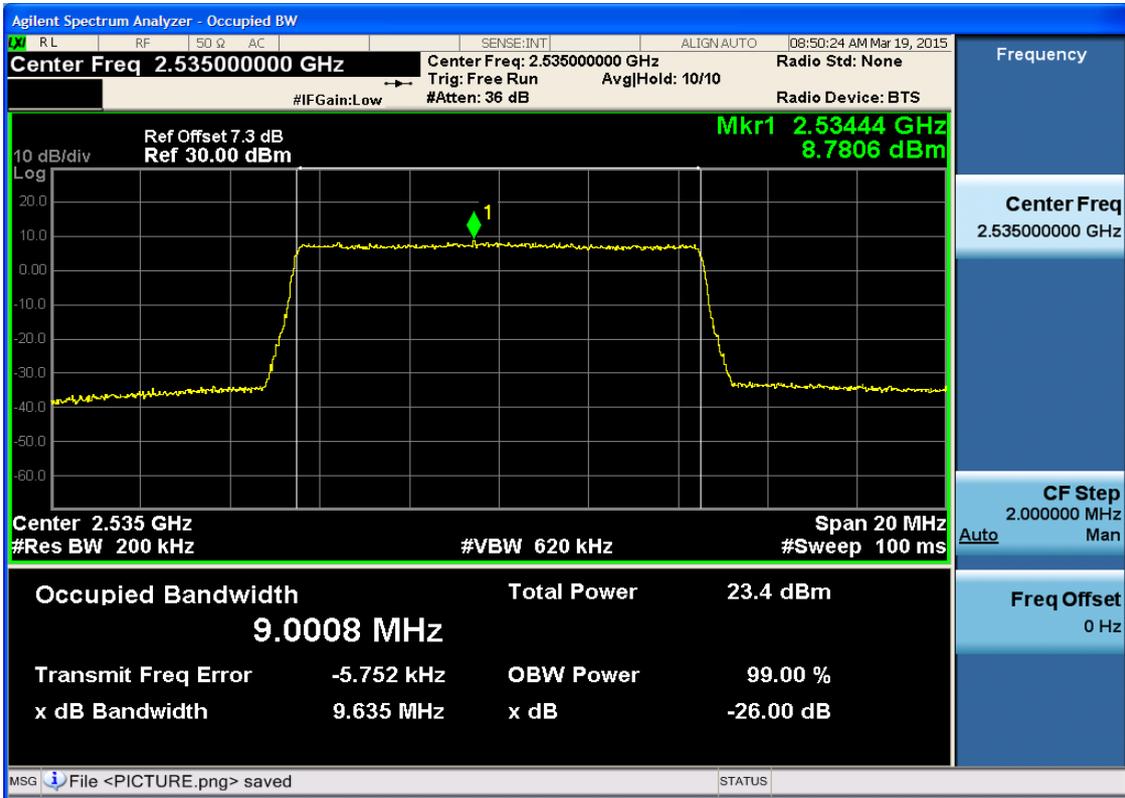
4.1.2.1.2.1 Test Channel = LCH

4.1.2.1.2.1.1 Test RB = RB50#0



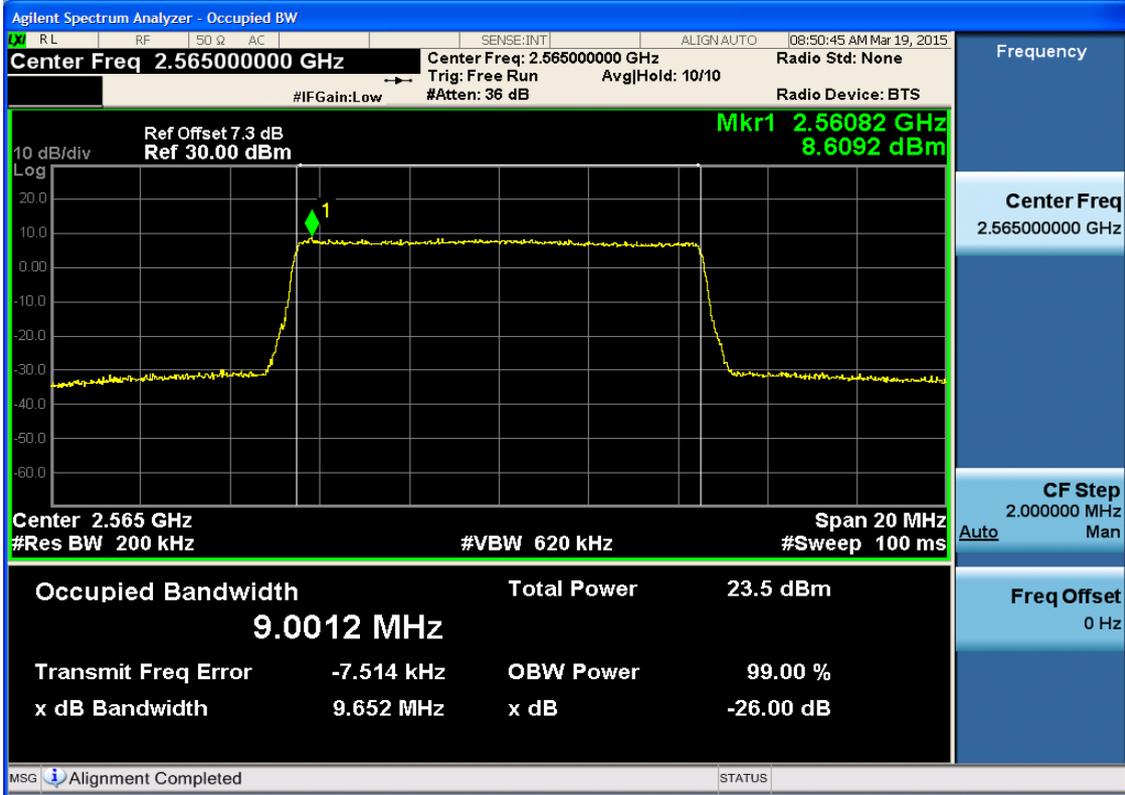
4.1.2.1.2.2 Test Channel = MCH

4.1.2.1.2.2.1 Test RB = RB50#0



4.1.2.1.2.3 Test Channel = HCH

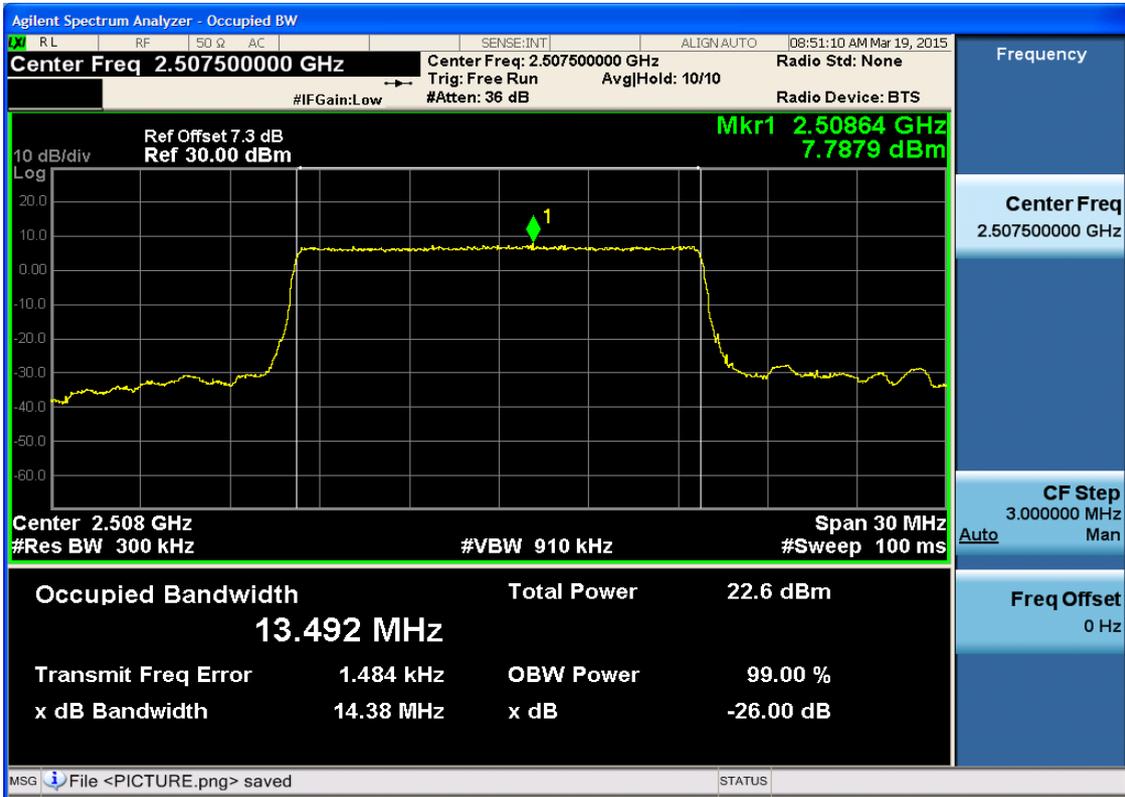
4.1.2.1.2.3.1 Test RB = RB50#0



4.1.2.1.3 Test Bandwidth = 15

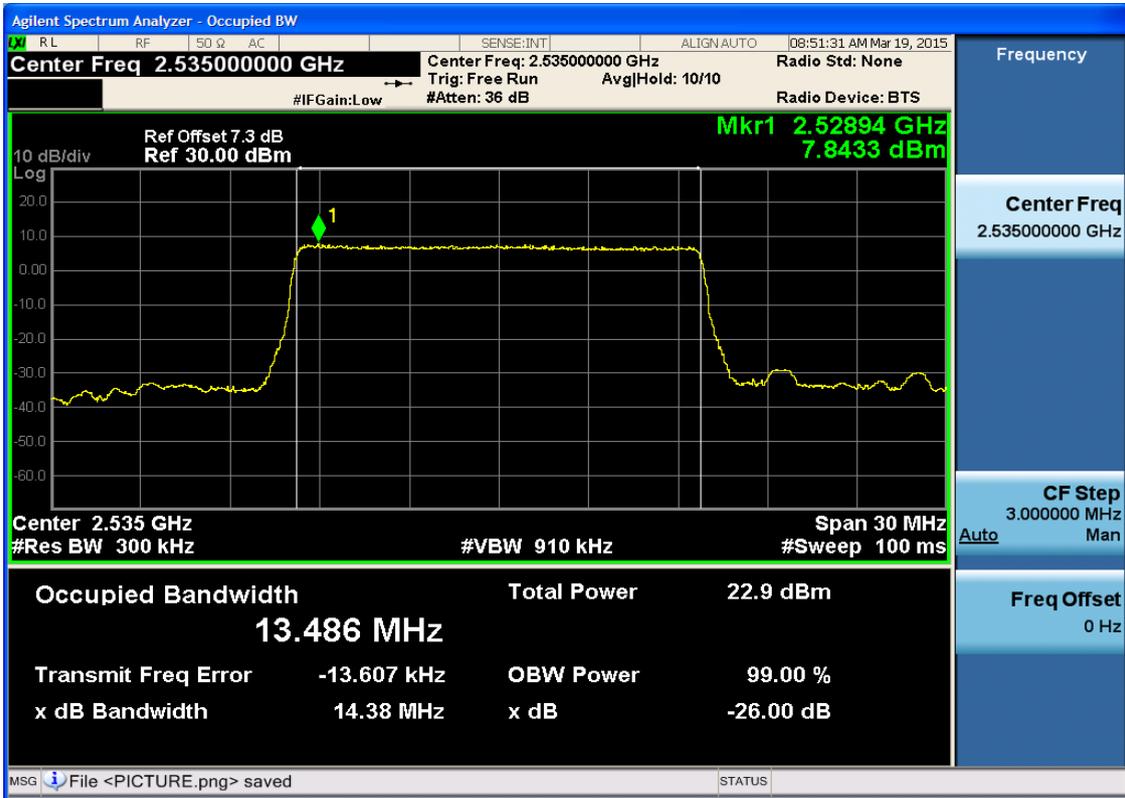
4.1.2.1.3.1 Test Channel = LCH

4.1.2.1.3.1.1 Test RB = RB75#0



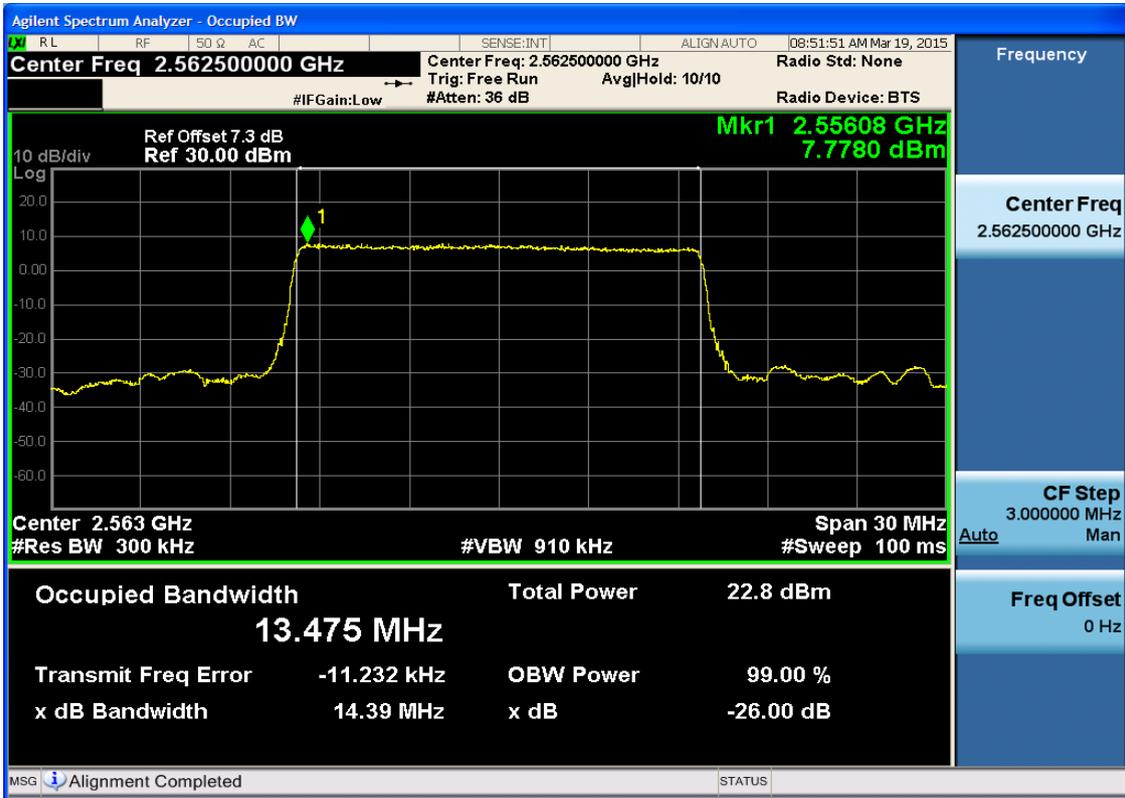
4.1.2.1.3.2 Test Channel = MCH

4.1.2.1.3.2.1 Test RB = RB75#0



4.1.2.1.3.3 Test Channel = HCH

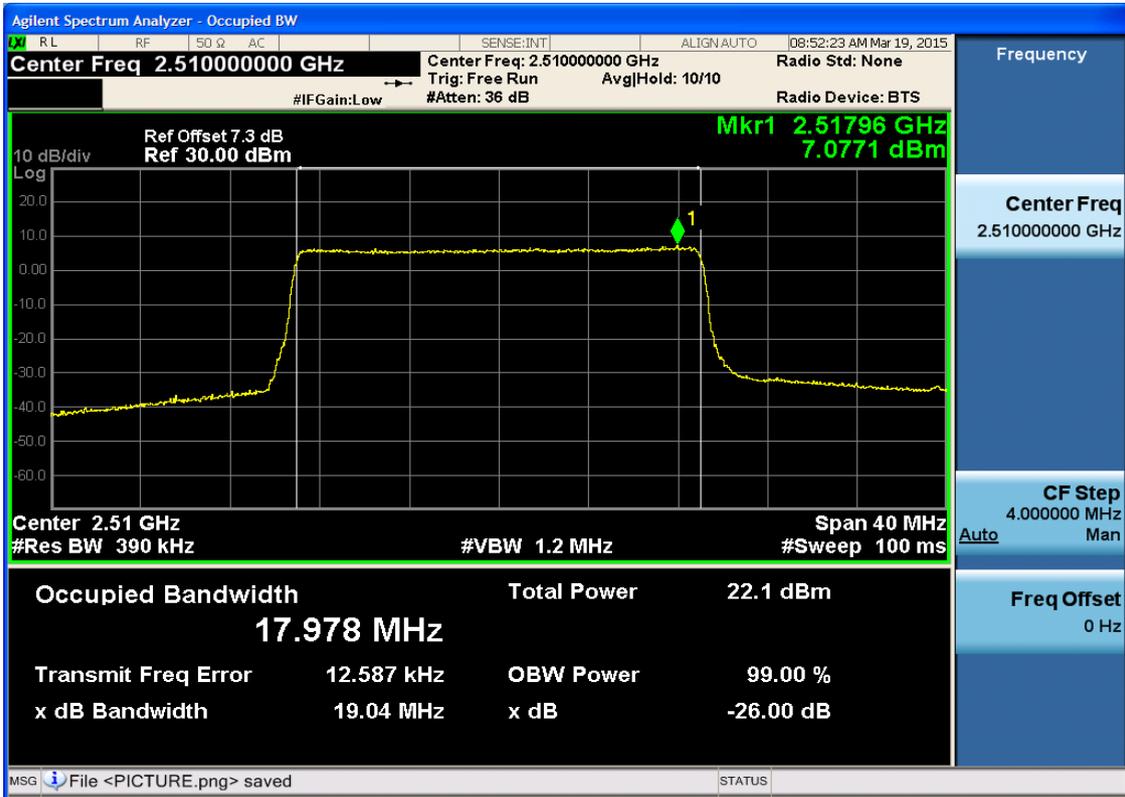
4.1.2.1.3.3.1 Test RB = RB75#0



4.1.2.1.4 Test Bandwidth = 20

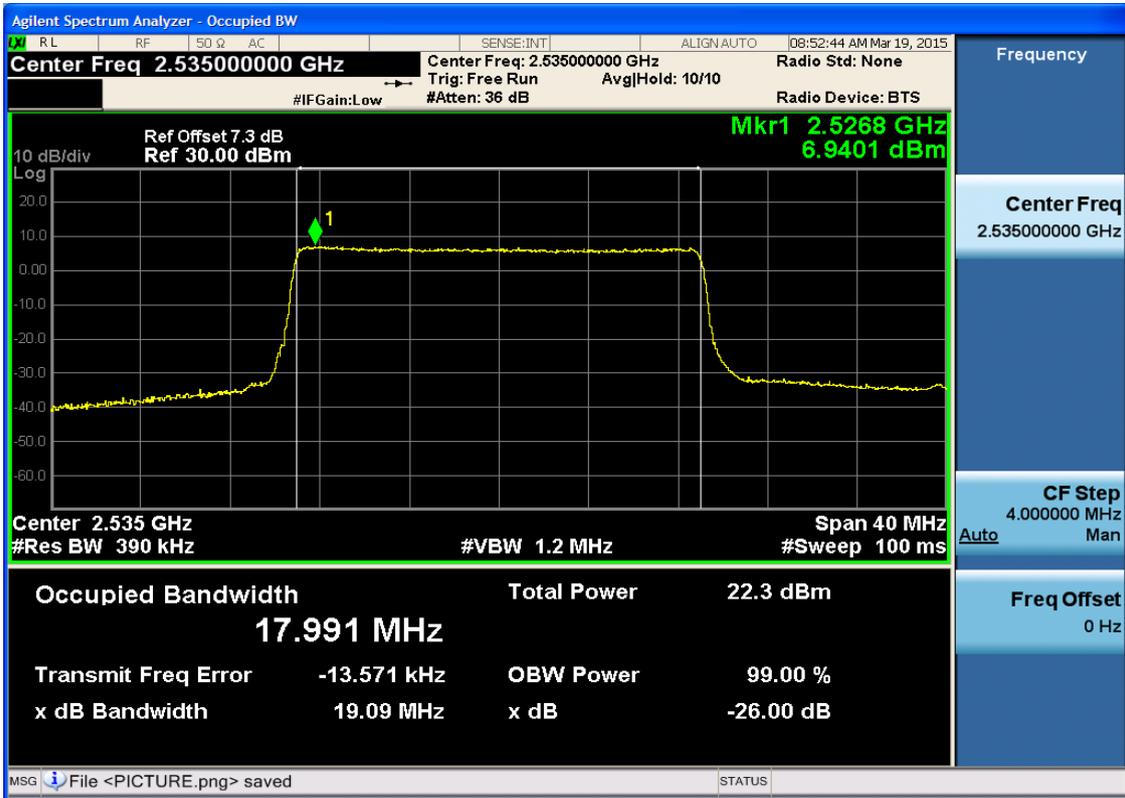
4.1.2.1.4.1 Test Channel = LCH

4.1.2.1.4.1.1 Test RB = RB100#0



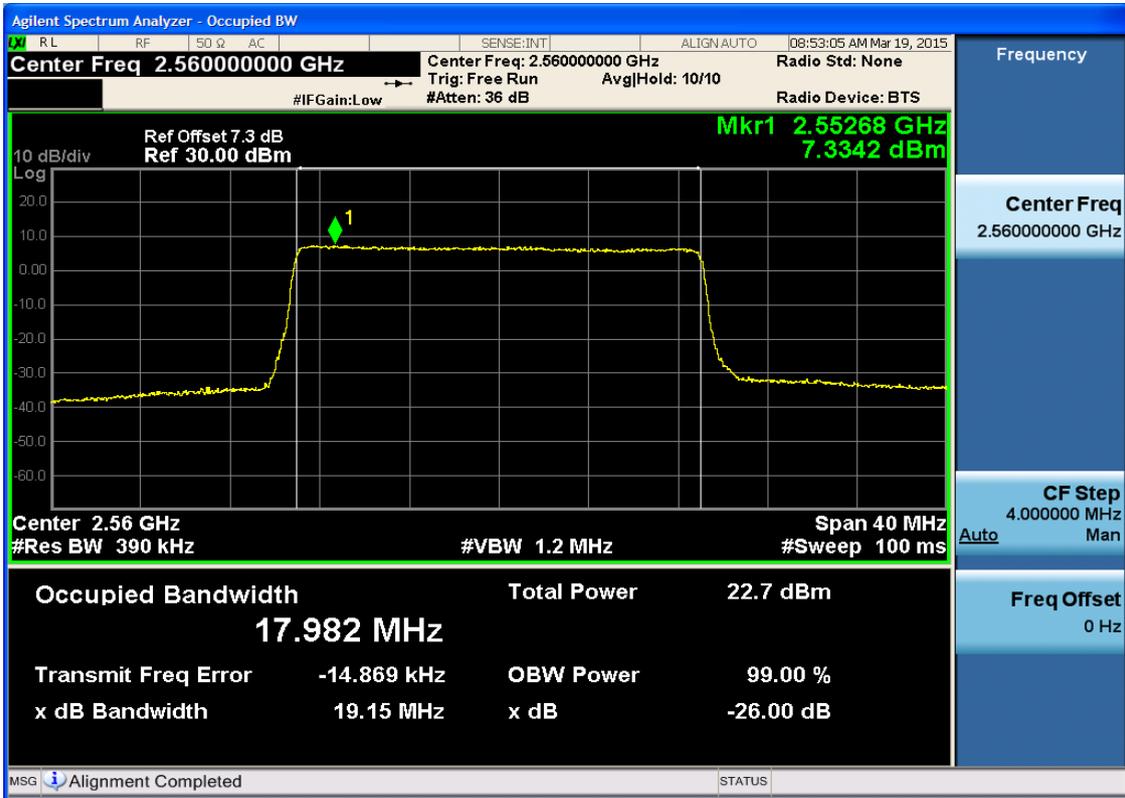
4.1.2.1.4.2 Test Channel = MCH

4.1.2.1.4.2.1 Test RB = RB100#0



4.1.2.1.4.3 Test Channel = HCH

4.1.2.1.4.3.1 Test RB = RB100#0

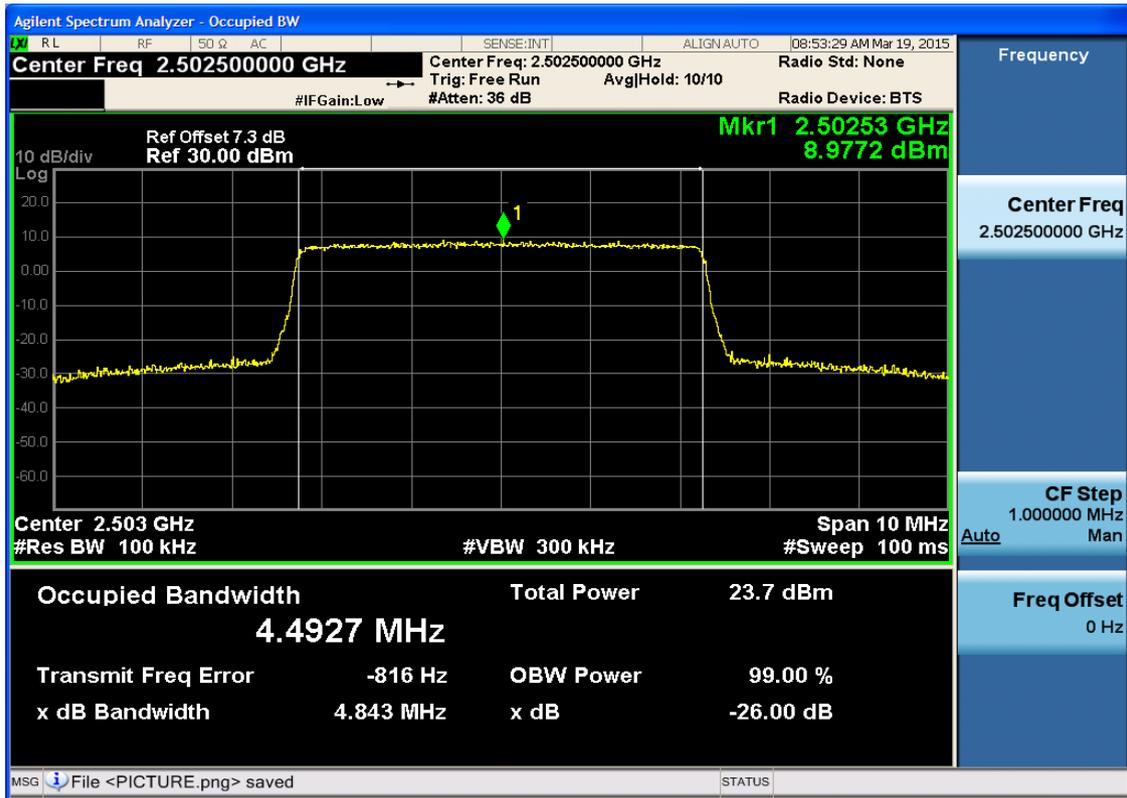


4.1.2.2 Test Mode = LTE/TM2

4.1.2.2.1 Test Bandwidth = 5

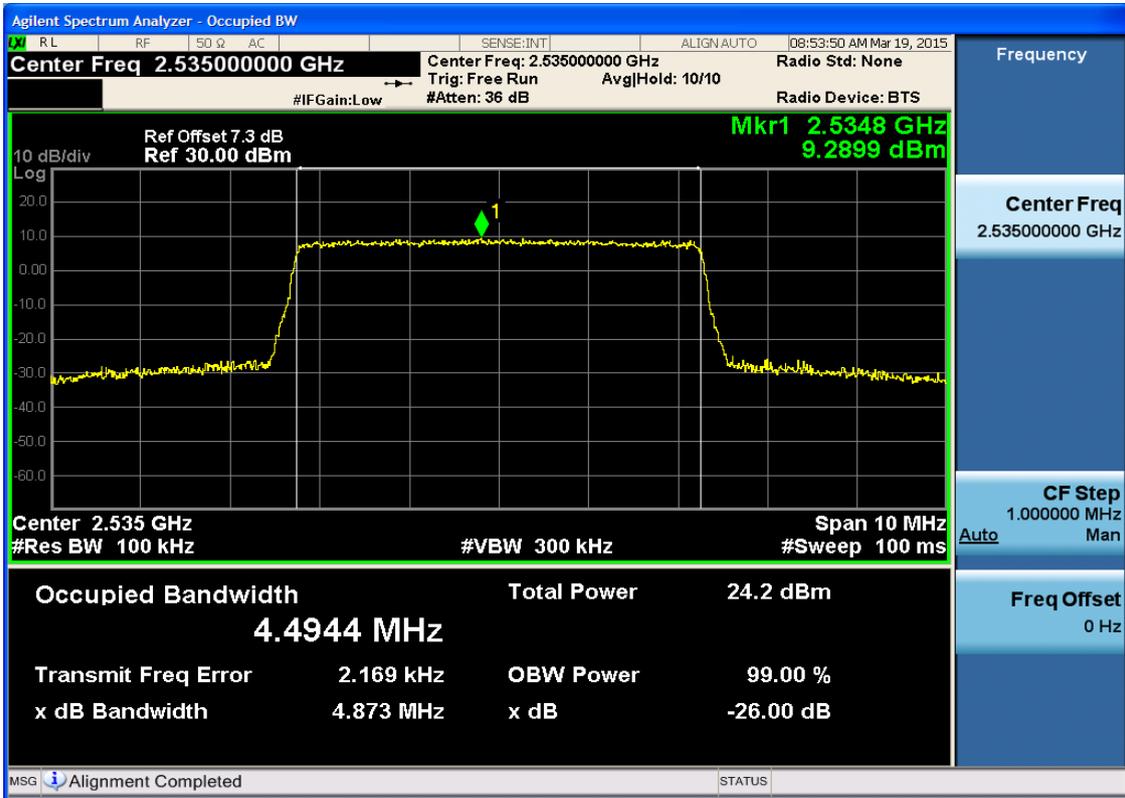
4.1.2.2.1.1 Test Channel = LCH

4.1.2.2.1.1.1 Test RB = RB25#0



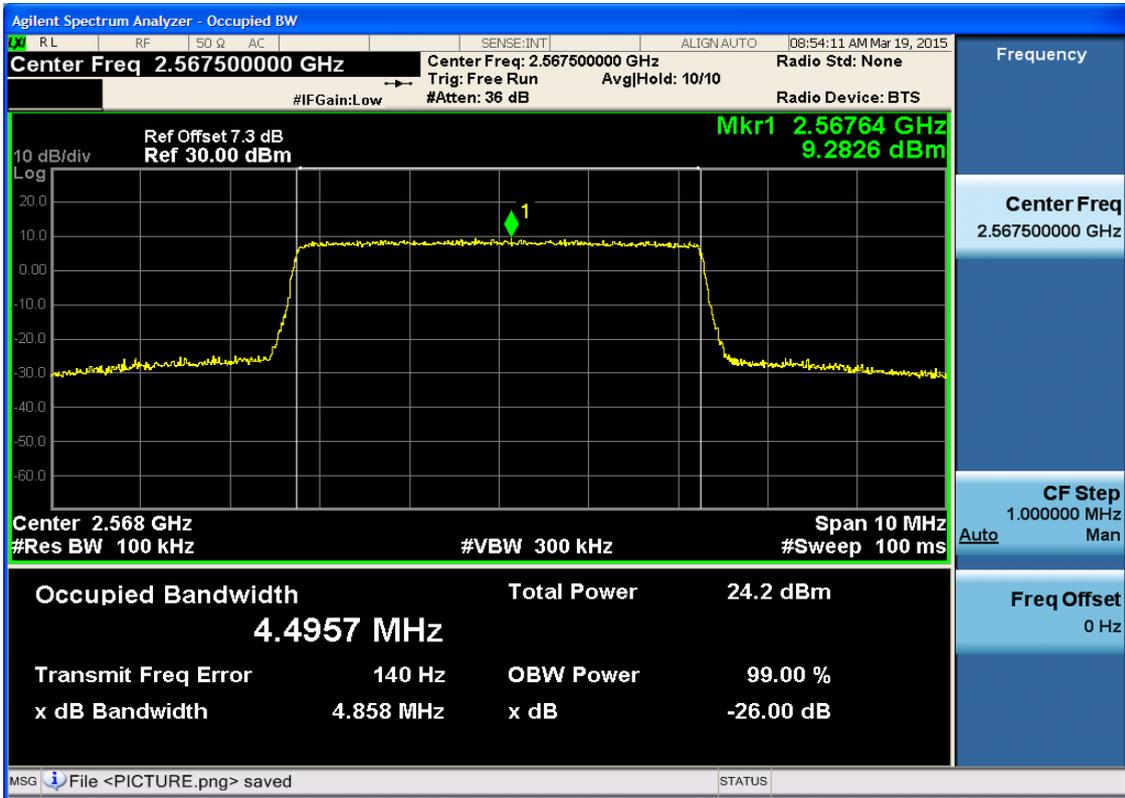
4.1.2.2.1.2 Test Channel = MCH

4.1.2.2.1.2.1 Test RB = RB25#0



4.1.2.2.1.3 Test Channel = HCH

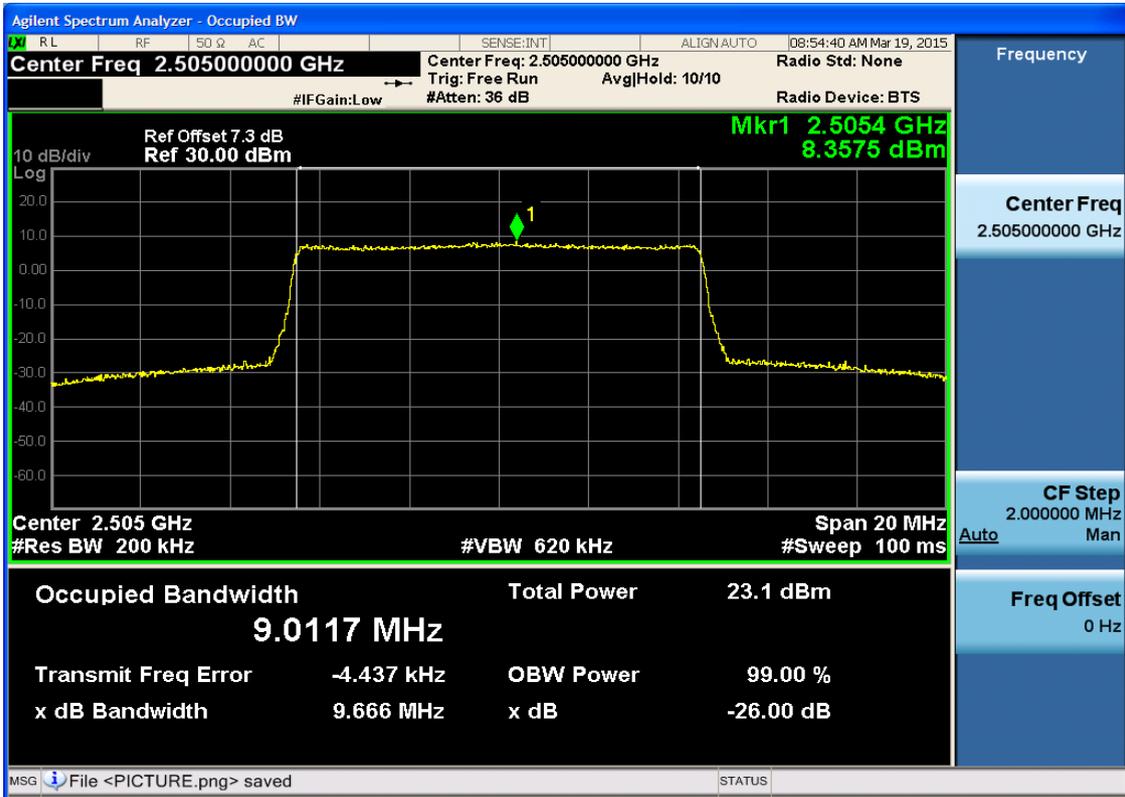
4.1.2.2.1.3.1 Test RB = RB25#0



4.1.2.2.2 Test Bandwidth = 10

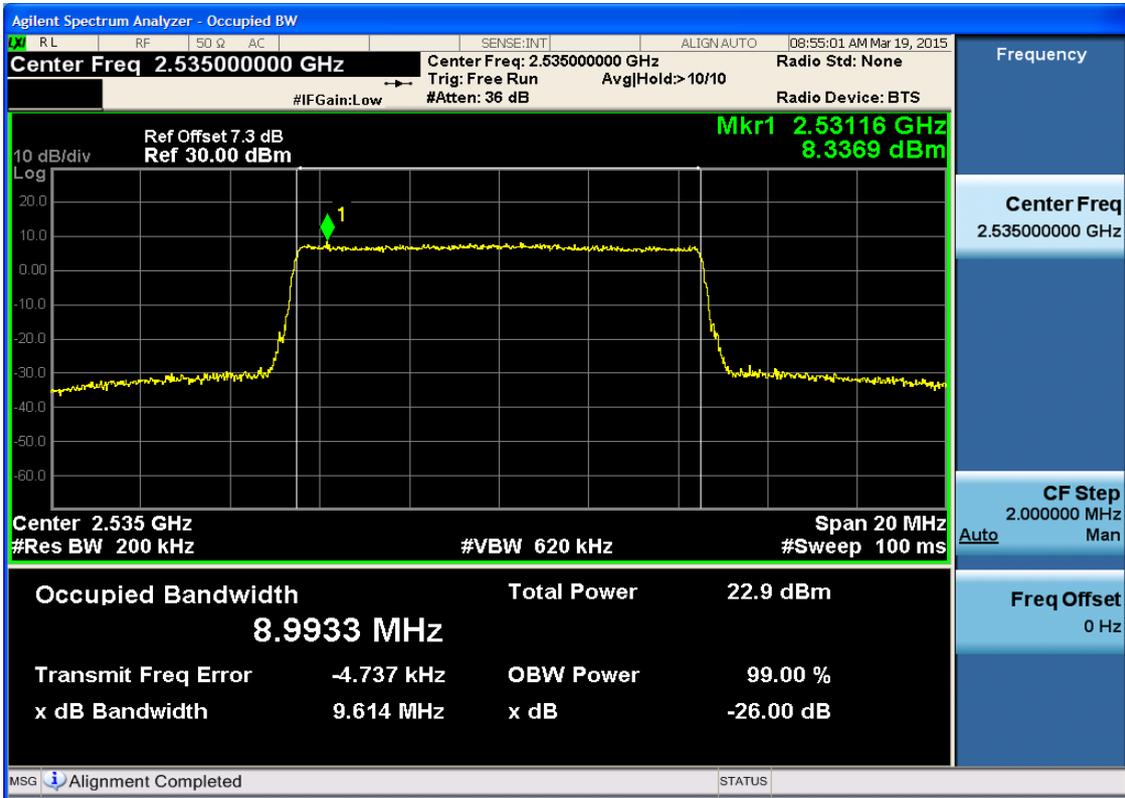
4.1.2.2.2.1 Test Channel = LCH

4.1.2.2.2.1.1 Test RB = RB50#0



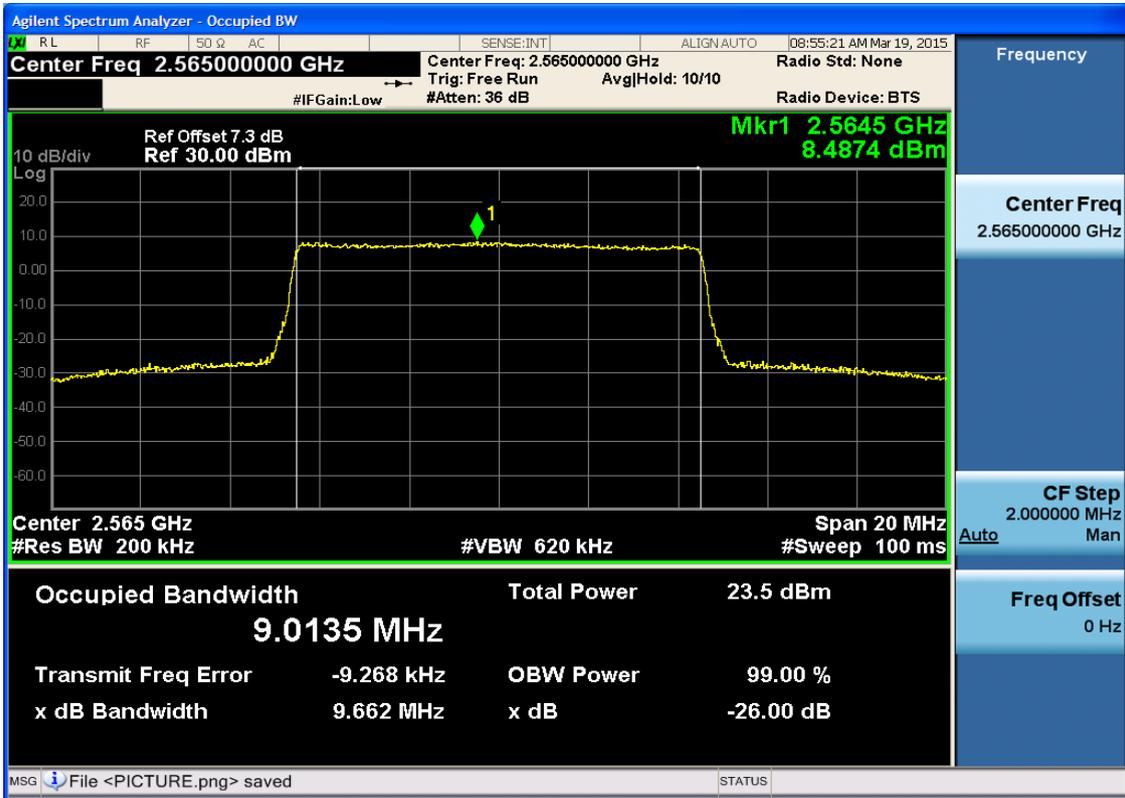
4.1.2.2.2 Test Channel = MCH

4.1.2.2.2.1 Test RB = RB50#0



4.1.2.2.2.3 Test Channel = HCH

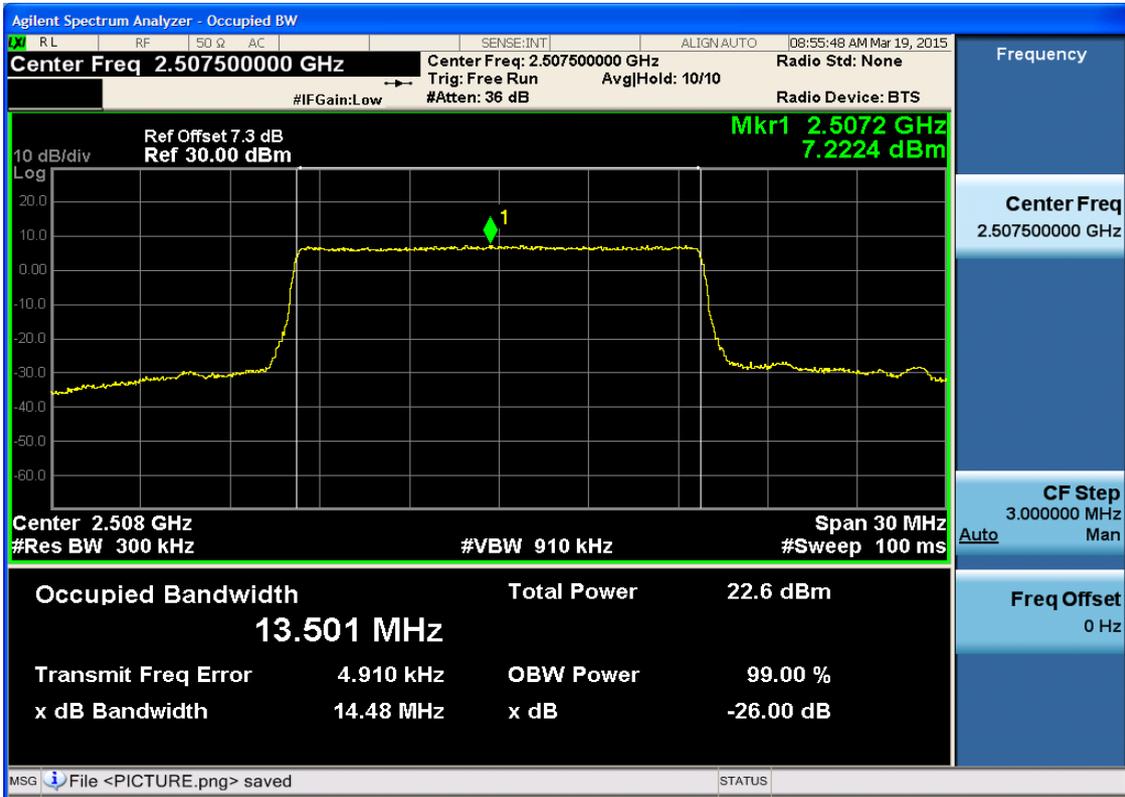
4.1.2.2.2.3.1 Test RB = RB50#0



4.1.2.2.3 Test Bandwidth = 15

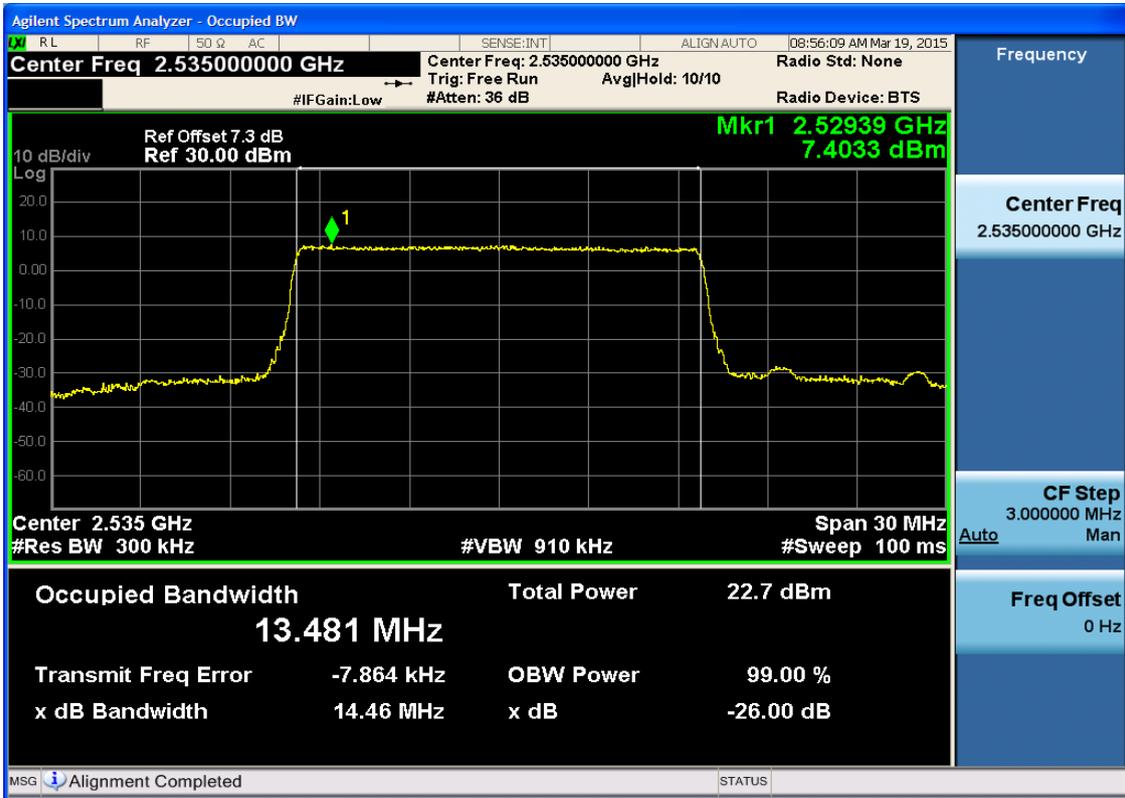
4.1.2.2.3.1 Test Channel = LCH

4.1.2.2.3.1.1 Test RB = RB75#0



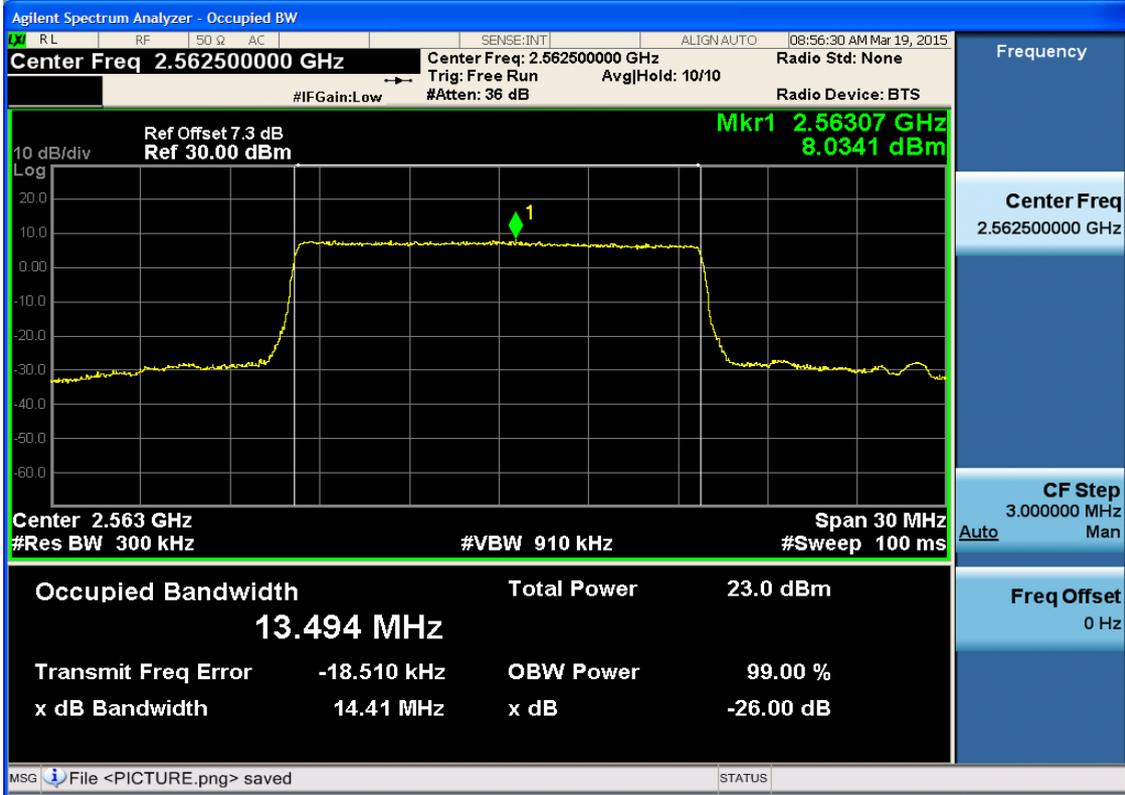
4.1.2.2.3.2 Test Channel = MCH

4.1.2.2.3.2.1 Test RB = RB75#0



4.1.2.2.3.3 Test Channel = HCH

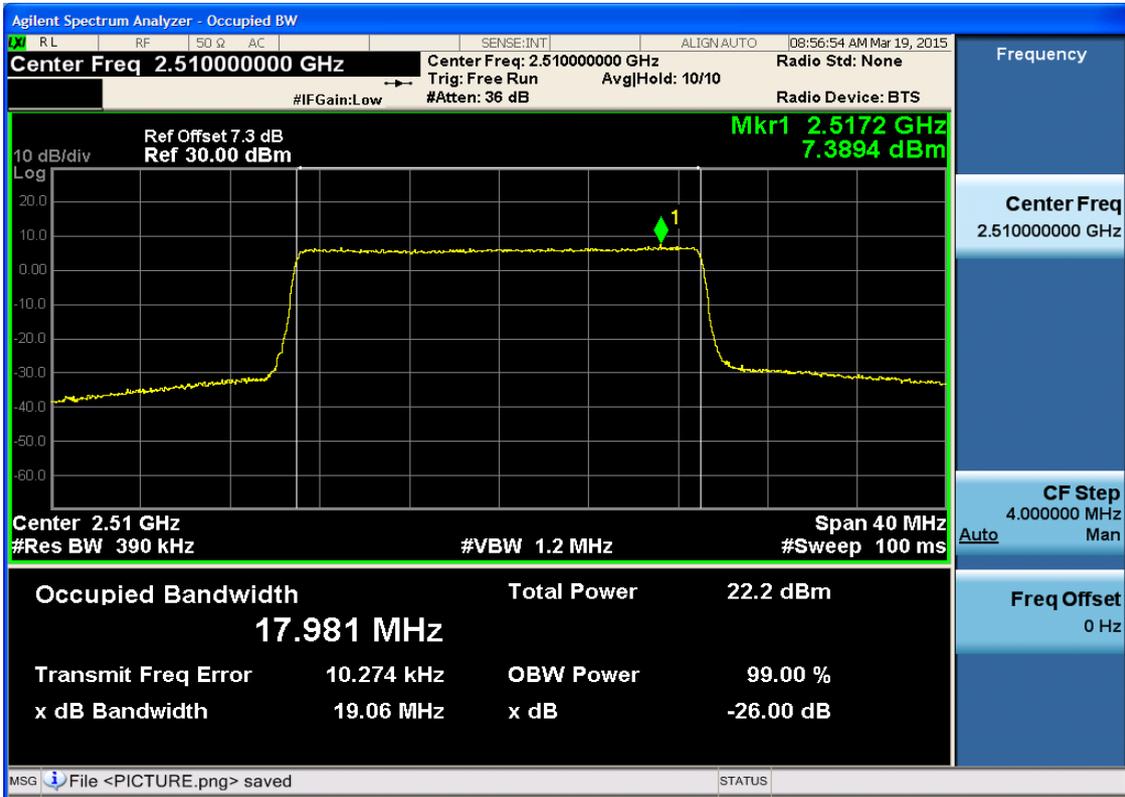
4.1.2.2.3.3.1 Test RB = RB75#0



4.1.2.2.4 Test Bandwidth = 20

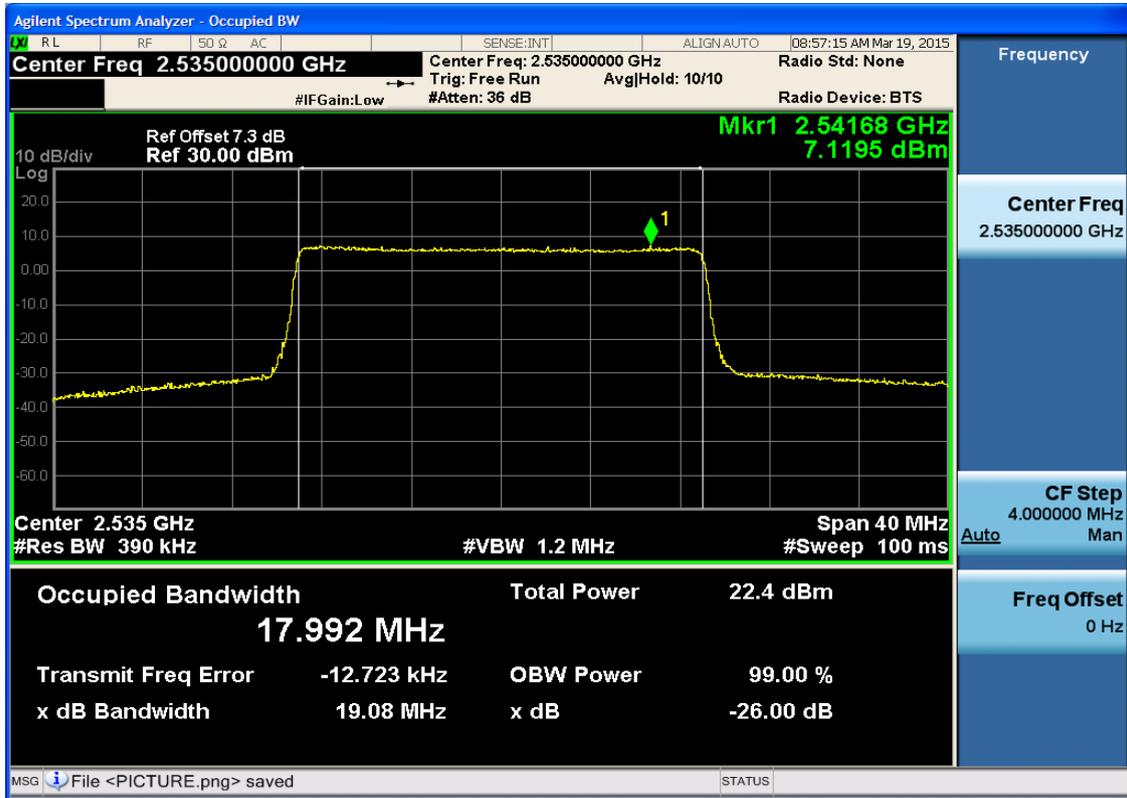
4.1.2.2.4.1 Test Channel = LCH

4.1.2.2.4.1.1 Test RB = RB100#0



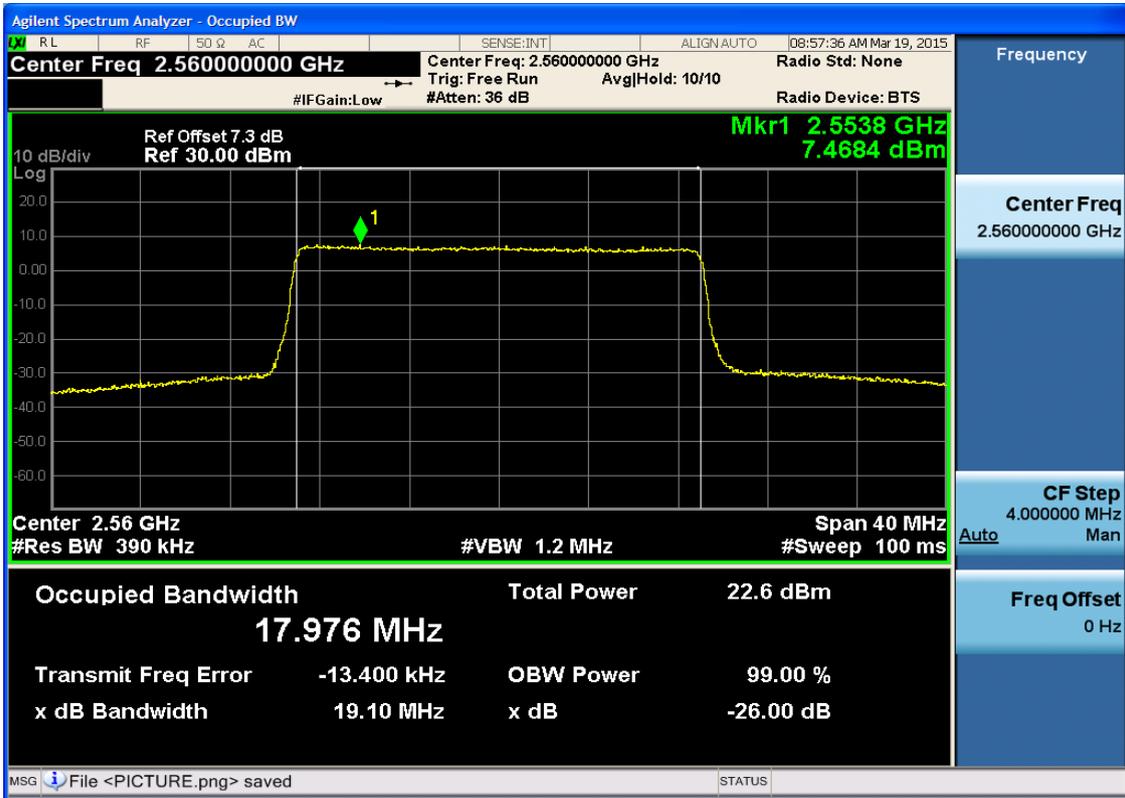
4.1.2.2.4.2 Test Channel = MCH

4.1.2.2.4.2.1 Test RB = RB100#0



4.1.2.2.4.3 Test Channel = HCH

4.1.2.2.4.3.1 Test RB = RB100#0



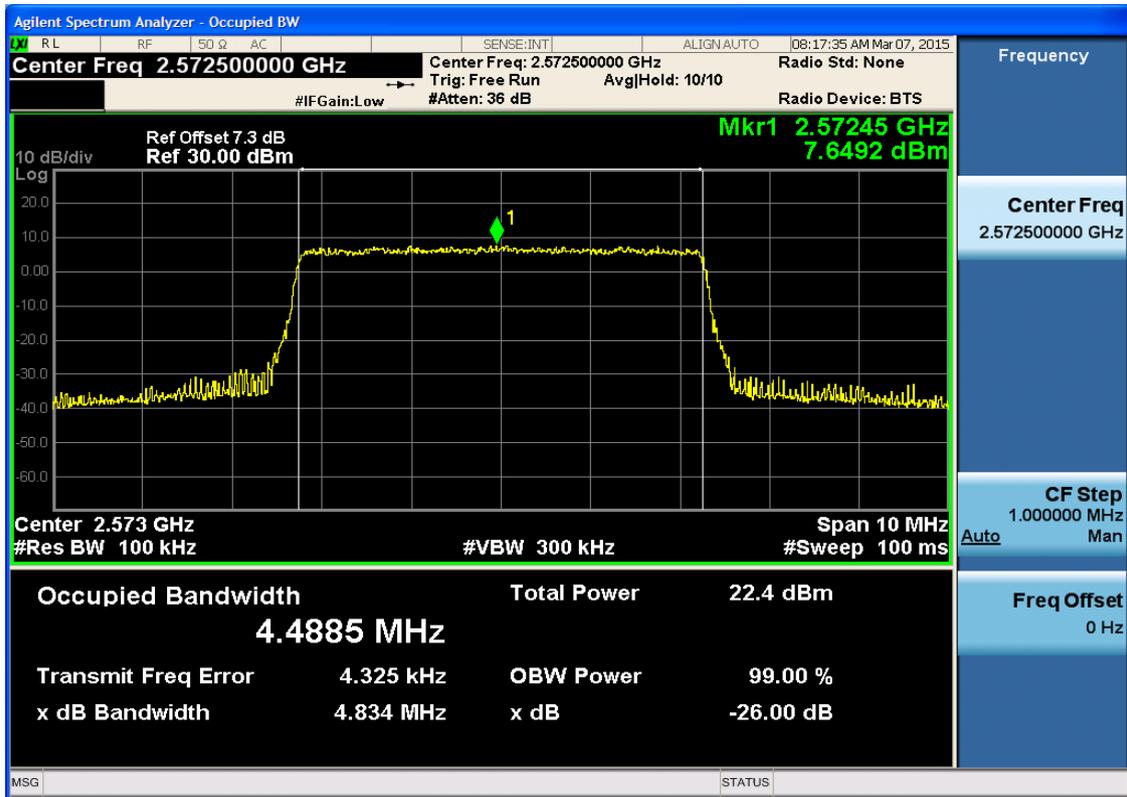
4.1.3 Test Band = BAND38

4.1.3.1 Test Mode = LTE/TM1

4.1.3.1.1 Test Bandwidth = 5

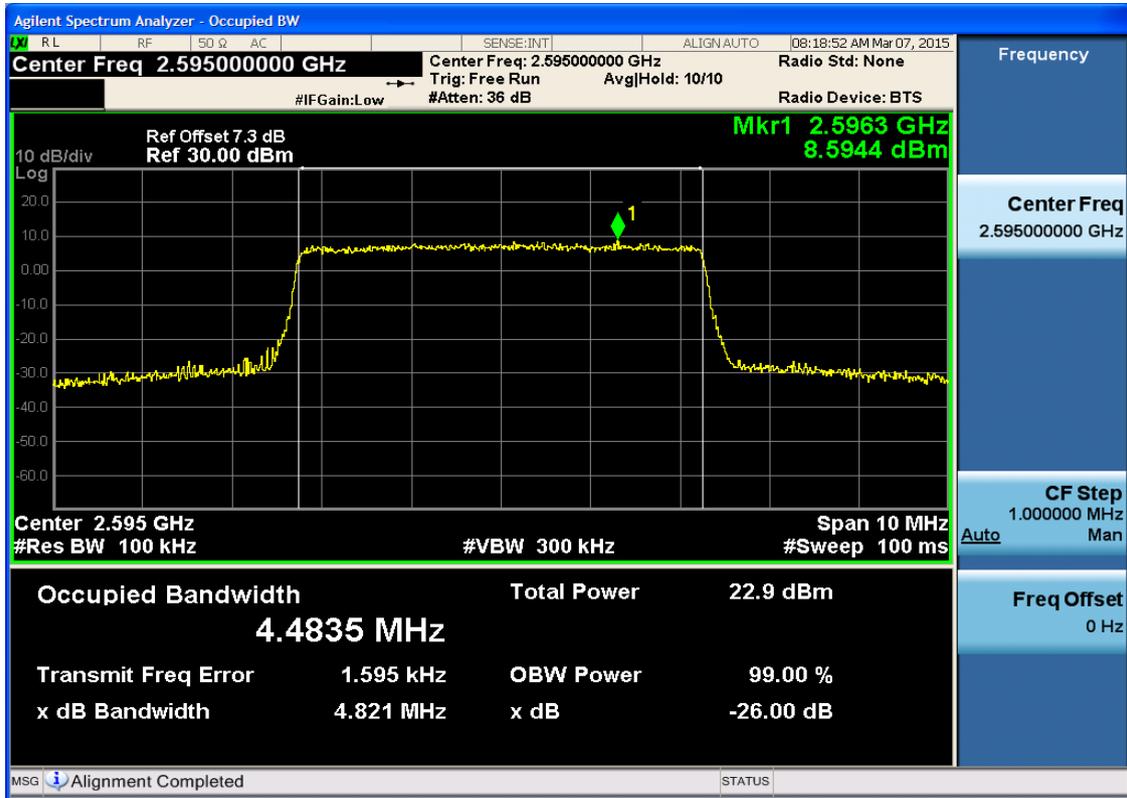
4.1.3.1.1.1 Test Channel = LCH

4.1.3.1.1.1.1 Test RB = RB25#0



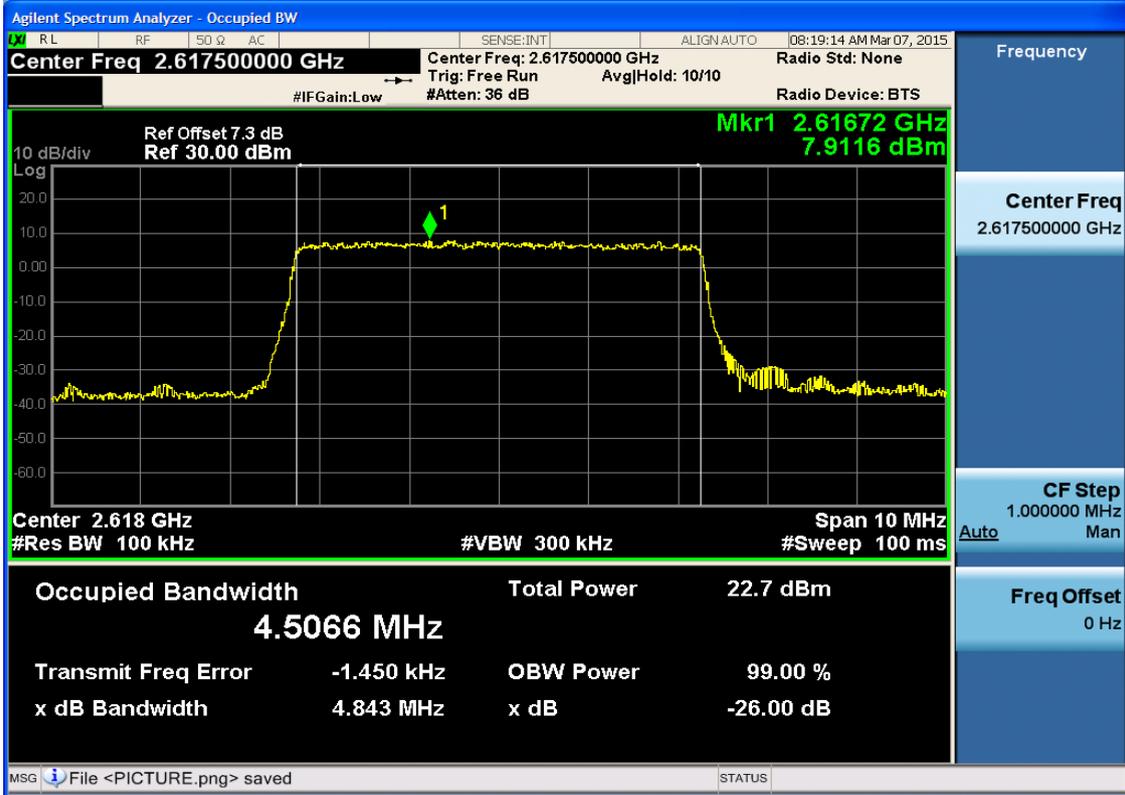
4.1.3.1.1.2 Test Channel = MCH

4.1.3.1.1.2.1 Test RB = RB25#0



4.1.3.1.1.3 Test Channel = HCH

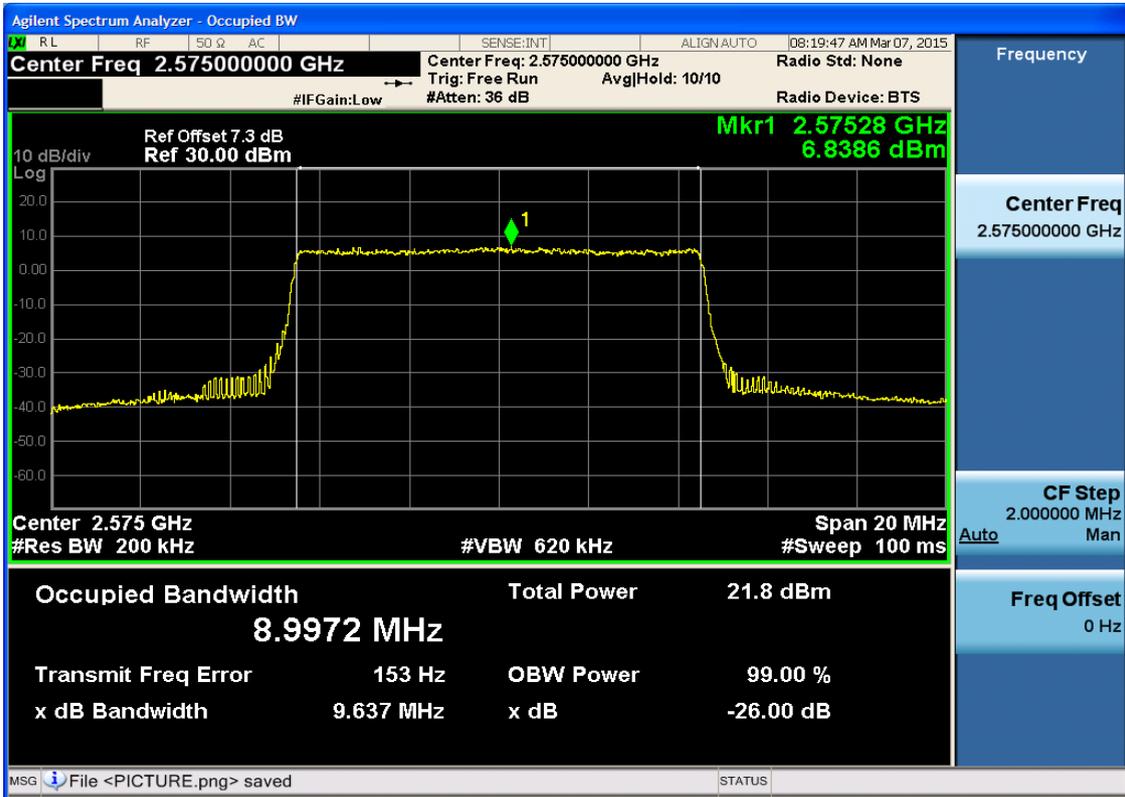
4.1.3.1.1.3.1 Test RB = RB25#0



4.1.3.1.2 Test Bandwidth = 10

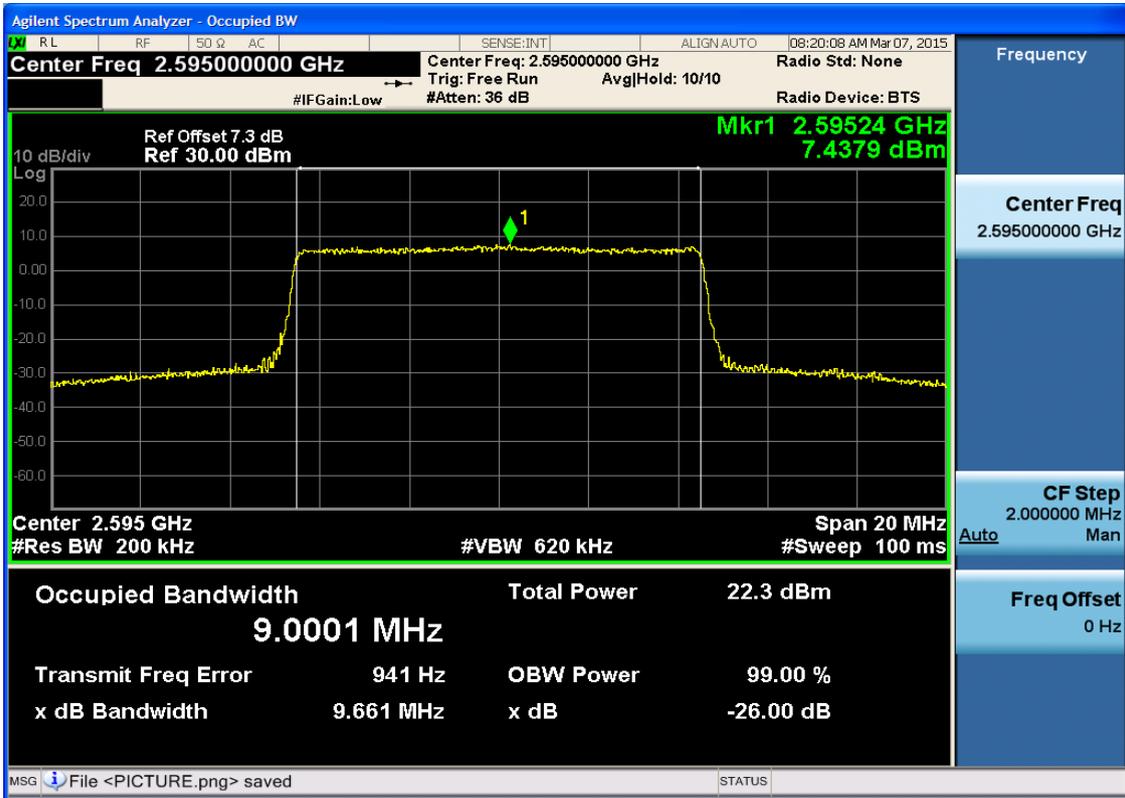
4.1.3.1.2.1 Test Channel = LCH

4.1.3.1.2.1.1 Test RB = RB50#0



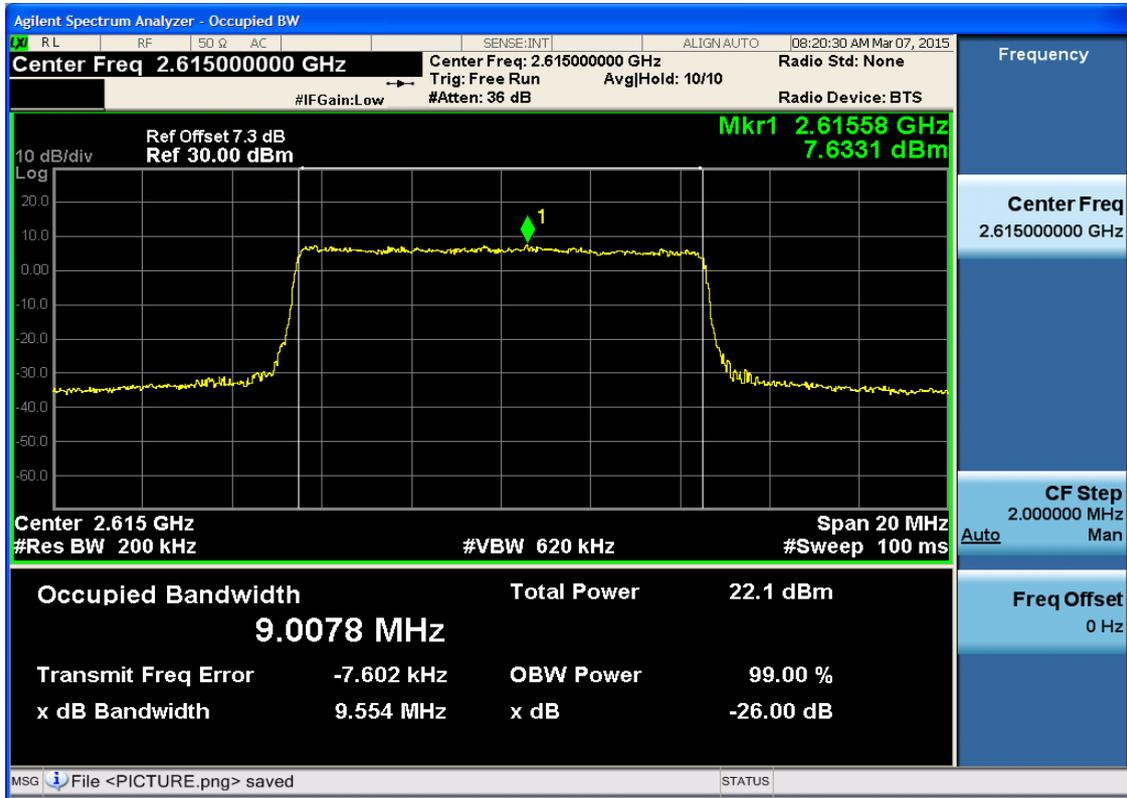
4.1.3.1.2.2 Test Channel = MCH

4.1.3.1.2.2.1 Test RB = RB50#0



4.1.3.1.2.3 Test Channel = HCH

4.1.3.1.2.3.1 Test RB = RB50#0

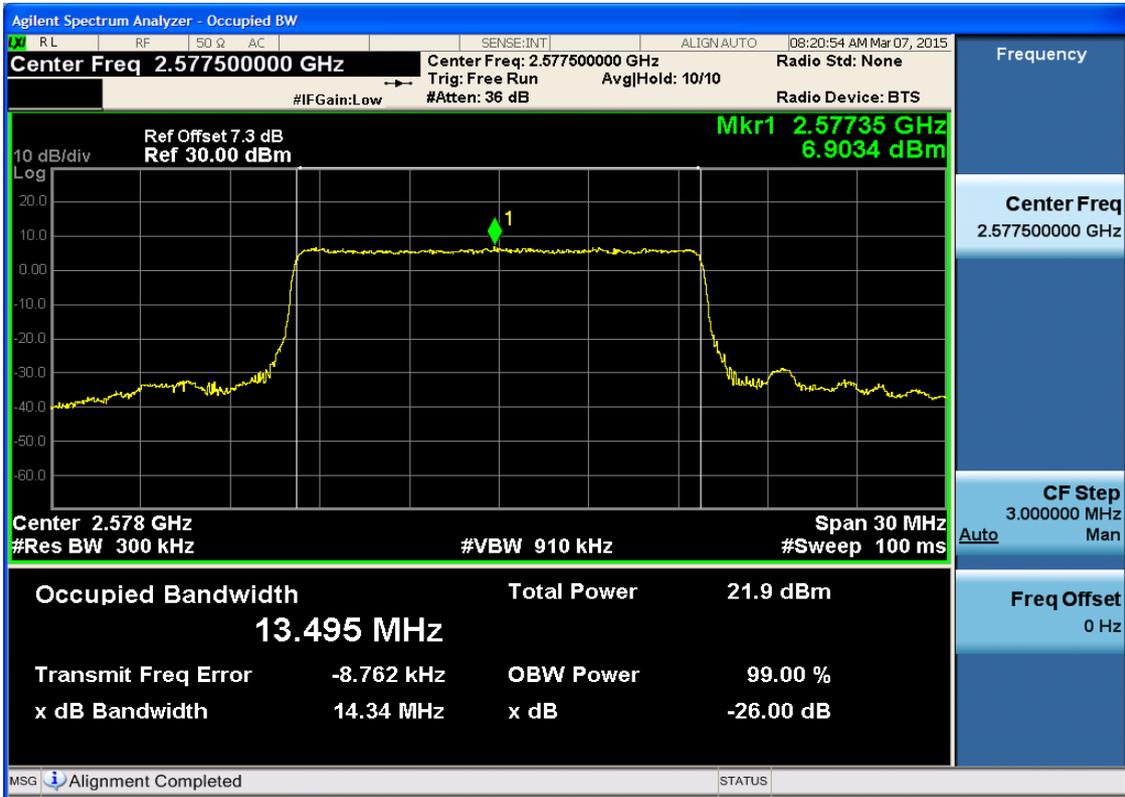




4.1.3.1.3 Test Bandwidth = 15

4.1.3.1.3.1 Test Channel = LCH

4.1.3.1.3.1.1 Test RB = RB75#0





4.1.3.1.3.3 Test Channel = HCH

4.1.3.1.3.3.1 Test RB = RB75#0

