



# Appendix for test report

# 1Appendix\_A: Effective (Isotropic) Radiated Power Output Data

## Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
Band5	LTE/TM1	1.4	LCH	RB1#0	23.78	18.03	38.5	PASS
				RB1#3	23.32	17.57	38.5	PASS
				RB1#5	23.66	17.91	38.5	PASS
				RB3#0	23.54	17.79	38.5	PASS
				RB3#2	23.30	17.55	38.5	PASS
				RB3#3	23.67	17.92	38.5	PASS
				RB6#0	22.66	16.91	38.5	PASS
			MCH	RB1#0	23.66	17.91	38.5	PASS
				RB1#3	23.22	17.47	38.5	PASS
				RB1#5	23.57	17.82	38.5	PASS
				RB3#0	23.44	17.69	38.5	PASS
				RB3#2	23.55	17.80	38.5	PASS
				RB3#3	23.62	17.87	38.5	PASS
				RB6#0	22.45	16.70	38.5	PASS
HCH	RB1#0	23.62	17.87	38.5	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#3	23.57	17.82	38.5	PASS
				RB1#5	23.63	17.88	38.5	PASS
				RB3#0	23.54	17.79	38.5	PASS
				RB3#2	23.28	17.53	38.5	PASS
				RB3#3	23.70	17.95	38.5	PASS
				RB6#0	22.59	16.84	38.5	PASS
		3	LCH	RB1#0	23.70	17.95	38.5	PASS
				RB1#7	23.23	17.48	38.5	PASS
				RB1#14	23.69	17.94	38.5	PASS
				RB8#0	22.57	16.82	38.5	PASS
				RB8#4	22.65	16.90	38.5	PASS
				RB8#7	22.56	16.81	38.5	PASS
				RB15#0	22.62	16.87	38.5	PASS
				MCH	RB1#0	23.58	17.83	38.5
		RB1#7	23.37		17.62	38.5	PASS	
		RB1#14	23.62		17.87	38.5	PASS	
RB8#0	22.56	16.81	38.5		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#4	22.57	16.82	38.5	PASS
				RB8#7	22.54	16.79	38.5	PASS
				RB15#0	22.60	16.85	38.5	PASS
			HCH	RB1#0	23.62	17.87	38.5	PASS
				RB1#7	23.49	17.74	38.5	PASS
				RB1#14	23.70	17.95	38.5	PASS
		RB8#0		22.54	16.79	38.5	PASS	
		RB8#4		22.50	16.75	38.5	PASS	
		RB8#7		22.60	16.85	38.5	PASS	
		RB15#0		22.69	16.94	38.5	PASS	
		5	LCH	RB1#0	23.67	17.92	38.5	PASS
				RB1#13	23.66	17.91	38.5	PASS
				RB1#24	23.62	17.87	38.5	PASS
				RB12#0	22.68	16.93	38.5	PASS
RB12#6	22.63			16.88	38.5	PASS		
RB12#13	22.71			16.96	38.5	PASS		
RB25#0	22.60			16.85	38.5	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	23.58	17.83	38.5	PASS
				RB1#13	23.62	17.87	38.5	PASS
				RB1#24	23.59	17.84	38.5	PASS
				RB12#0	22.67	16.92	38.5	PASS
				RB12#6	22.61	16.86	38.5	PASS
				RB12#13	22.60	16.85	38.5	PASS
				RB25#0	22.60	16.85	38.5	PASS
			HCH	RB1#0	23.67	17.92	38.5	PASS
				RB1#13	23.62	17.87	38.5	PASS
				RB1#24	23.59	17.84	38.5	PASS
				RB12#0	22.58	16.83	38.5	PASS
				RB12#6	22.61	16.86	38.5	PASS
				RB12#13	22.62	16.87	38.5	PASS
				RB25#0	22.74	16.99	38.5	PASS
		10	LCH	RB1#0	23.50	17.75	38.5	PASS
				RB1#25	23.17	17.42	38.5	PASS
				RB1#49	23.39	17.64	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.50	16.75	38.5	PASS
				RB25#13	22.50	16.75	38.5	PASS
				RB25#25	22.50	16.75	38.5	PASS
				RB50#0	22.51	16.76	38.5	PASS
			MCH	RB1#0	23.40	17.65	38.5	PASS
				RB1#25	23.24	17.49	38.5	PASS
				RB1#49	23.35	17.60	38.5	PASS
				RB25#0	22.47	16.72	38.5	PASS
				RB25#13	22.51	16.76	38.5	PASS
				RB25#25	22.45	16.70	38.5	PASS
				RB50#0	22.47	16.72	38.5	PASS
			HCH	RB1#0	23.37	17.62	38.5	PASS
				RB1#25	23.29	17.54	38.5	PASS
				RB1#49	23.46	17.71	38.5	PASS
				RB25#0	22.43	16.68	38.5	PASS
				RB25#13	22.46	16.71	38.5	PASS
				RB25#25	22.42	16.67	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
	LTE/TM2	1.4	LCH	RB50#0	22.42	16.67	38.5	PASS
				RB1#0	22.95	17.20	38.5	PASS
				RB1#3	22.41	16.66	38.5	PASS
				RB1#5	22.81	17.06	38.5	PASS
				RB3#0	22.49	16.74	38.5	PASS
				RB3#2	22.50	16.75	38.5	PASS
				RB3#3	22.64	16.89	38.5	PASS
				RB6#0	21.68	15.93	38.5	PASS
				MCH	RB1#0	22.62	16.87	38.5
			RB1#3		22.48	16.73	38.5	PASS
			RB1#5		22.93	17.18	38.5	PASS
			RB3#0		22.59	16.84	38.5	PASS
			RB3#2		22.59	16.84	38.5	PASS
			RB3#3		22.49	16.74	38.5	PASS
			RB6#0		21.57	15.82	38.5	PASS
			HCH	RB1#0	22.97	17.22	38.5	PASS
				RB1#3	22.57	16.82	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB1#5	22.96	17.21	38.5	PASS	
				RB3#0	22.74	16.99	38.5	PASS	
				RB3#2	22.69	16.94	38.5	PASS	
				RB3#3	22.67	16.92	38.5	PASS	
				RB6#0	21.62	15.87	38.5	PASS	
		3	LCH	RB1#0	23.27	17.52	38.5	PASS	
				RB1#7	22.50	16.75	38.5	PASS	
				RB1#14	23.02	17.27	38.5	PASS	
				RB8#0	21.63	15.88	38.5	PASS	
				RB8#4	21.60	15.85	38.5	PASS	
				RB8#7	21.68	15.93	38.5	PASS	
				RB15#0	21.59	15.84	38.5	PASS	
				MCH	RB1#0	22.97	17.22	38.5	PASS
					RB1#7	22.29	16.54	38.5	PASS
					RB1#14	23.02	17.27	38.5	PASS
RB8#0	21.62	15.87	38.5		PASS				
RB8#4	21.55	15.80	38.5		PASS				





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#7	21.56	15.81	38.5	PASS
				RB15#0	21.57	15.82	38.5	PASS
			HCH	RB1#0	22.81	17.06	38.5	PASS
				RB1#7	22.26	16.51	38.5	PASS
				RB1#14	22.81	17.06	38.5	PASS
				RB8#0	21.58	15.83	38.5	PASS
				RB8#4	21.52	15.77	38.5	PASS
				RB8#7	21.52	15.77	38.5	PASS
				RB15#0	21.69	15.94	38.5	PASS
				5	LCH	RB1#0	22.97	17.22
		RB1#13	22.87			17.12	38.5	PASS
		RB1#24	22.88			17.13	38.5	PASS
		RB12#0	21.71			15.96	38.5	PASS
		RB12#6	21.67			15.92	38.5	PASS
		RB12#13	21.67			15.92	38.5	PASS
		RB25#0	21.62			15.87	38.5	PASS
		MCH	RB1#0	22.95	17.20	38.5	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#13	23.01	17.26	38.5	PASS
				RB1#24	22.88	17.13	38.5	PASS
				RB12#0	21.82	16.07	38.5	PASS
				RB12#6	21.65	15.90	38.5	PASS
				RB12#13	21.69	15.94	38.5	PASS
				RB25#0	21.52	15.77	38.5	PASS
			HCH	RB1#0	23.04	17.29	38.5	PASS
				RB1#13	22.94	17.19	38.5	PASS
				RB1#24	22.93	17.18	38.5	PASS
				RB12#0	21.54	15.79	38.5	PASS
				RB12#6	21.53	15.78	38.5	PASS
				RB12#13	21.68	15.93	38.5	PASS
		10	LCH	RB1#0	22.75	17.00	38.5	PASS
				RB1#25	22.36	16.61	38.5	PASS
				RB1#49	22.71	16.96	38.5	PASS
				RB25#0	21.50	15.75	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.48	15.73	38.5	PASS
				RB25#25	21.55	15.80	38.5	PASS
				RB50#0	21.50	15.75	38.5	PASS
			MCH	RB1#0	22.99	17.24	38.5	PASS
				RB1#25	22.68	16.93	38.5	PASS
				RB1#49	22.86	17.11	38.5	PASS
				RB25#0	21.52	15.77	38.5	PASS
				RB25#13	21.44	15.69	38.5	PASS
				RB25#25	21.41	15.66	38.5	PASS
				RB50#0	21.42	15.67	38.5	PASS
			HCH	RB1#0	22.51	16.76	38.5	PASS
				RB1#25	22.36	16.61	38.5	PASS
				RB1#49	22.52	16.77	38.5	PASS
				RB25#0	21.51	15.76	38.5	PASS
				RB25#13	21.39	15.64	38.5	PASS
RB25#25	21.40	15.65		38.5	PASS			
RB50#0	21.47	15.72		38.5	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:

$$\text{SET Span} = 1.5 * \text{OBW}$$

SET RBW = 1% of the OBW, not to exceed 1MHz

$$\text{SET VBW} \geq 3 * \text{RBW}$$

SET Sweep time = auto - couple.

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
Band5	LTE/TM1	1.4	LCH	RB1#0	4.61	13	PASS
				RB1#3	5.02	13	PASS
				RB1#5	4.78	13	PASS
				RB3#0	4.81	13	PASS
				RB3#2	4.89	13	PASS
				RB3#3	4.94	13	PASS
				RB6#0	5.55	13	PASS
			MCH	RB1#0	4.54	13	PASS
				RB1#3	4.29	13	PASS
				RB1#5	4.30	13	PASS
				RB3#0	4.32	13	PASS
				RB3#2	4.51	13	PASS
				RB3#3	4.29	13	PASS
				RB6#0	5.39	13	PASS
			HCH	RB1#0	3.36	13	PASS
				RB1#3	3.51	13	PASS
				RB1#5	3.27	13	PASS
				RB3#0	3.82	13	PASS
		RB3#2		3.65	13	PASS	
		RB3#3		3.76	13	PASS	
		3	LCH	RB1#0	4.73	13	PASS
				RB1#7	4.89	13	PASS
				RB1#14	4.76	13	PASS
				RB8#0	5.75	13	PASS
				RB8#4	5.72	13	PASS
				RB8#7	5.86	13	PASS
				RB15#0	5.94	13	PASS
			MCH	RB1#0	4.19	13	PASS
RB1#7	4.12			13	PASS		
RB1#14	3.98			13	PASS		
RB8#0	5.23			13	PASS		
RB8#4	5.07			13	PASS		
RB8#7	5.20			13	PASS		
RB15#0	5.60			13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	HCH	RB1#0	3.73	13	PASS
				RB1#7	3.66	13	PASS
				RB1#14	3.28	13	PASS
				RB8#0	4.74	13	PASS
				RB8#4	4.56	13	PASS
				RB8#7	4.66	13	PASS
				RB15#0	5.17	13	PASS
			LCH	RB1#0	4.54	13	PASS
				RB1#13	4.79	13	PASS
				RB1#24	4.93	13	PASS
				RB12#0	5.74	13	PASS
				RB12#6	5.68	13	PASS
				RB12#13	5.80	13	PASS
				RB25#0	6.01	13	PASS
		MCH	RB1#0	4.54	13	PASS	
			RB1#13	4.31	13	PASS	
			RB1#24	4.26	13	PASS	
			RB12#0	5.31	13	PASS	
			RB12#6	5.05	13	PASS	
			RB12#13	5.17	13	PASS	
			RB25#0	5.80	13	PASS	
		HCH	RB1#0	4.22	13	PASS	
			RB1#13	3.80	13	PASS	
			RB1#24	3.44	13	PASS	
			RB12#0	5.15	13	PASS	
			RB12#6	4.67	13	PASS	
			RB12#13	4.85	13	PASS	
			RB25#0	5.19	13	PASS	
		10	LCH	RB1#0	4.69	13	PASS
				RB1#25	4.95	13	PASS
RB1#49	4.69			13	PASS		
RB25#0	6.10			13	PASS		
RB25#13	6.04			13	PASS		
RB25#25	5.96			13	PASS		
RB50#0	6.25			13	PASS		
MCH	RB1#0		4.85	13	PASS		
	RB1#25		4.27	13	PASS		
	RB1#49		4.29	13	PASS		
	RB25#0		5.63	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#13	5.25	13	PASS	
				RB25#25	5.25	13	PASS	
				RB50#0	5.80	13	PASS	
			HCH	RB1#0	3.99	13	PASS	
				RB1#25	4.11	13	PASS	
				RB1#49	3.56	13	PASS	
				RB25#0	5.51	13	PASS	
				RB25#13	5.32	13	PASS	
				RB25#25	5.22	13	PASS	
			LCH	RB50#0	5.69	13	PASS	
				RB1#0	4.86	13	PASS	
				RB1#3	5.50	13	PASS	
				RB1#5	5.00	13	PASS	
				RB3#0	6.09	13	PASS	
				RB3#2	6.16	13	PASS	
	MCH	RB3#3	5.93	13	PASS			
		RB6#0	6.28	13	PASS			
		RB1#0	5.13	13	PASS			
		RB1#3	5.47	13	PASS			
		RB1#5	4.84	13	PASS			
		RB3#0	5.51	13	PASS			
	HCH	RB3#2	5.46	13	PASS			
		RB3#3	5.55	13	PASS			
		RB6#0	6.31	13	PASS			
		RB1#0	4.07	13	PASS			
		RB1#3	4.26	13	PASS			
		RB1#5	4.20	13	PASS			
			3	LCH	RB3#0	4.76	13	PASS
					RB3#2	4.62	13	PASS
					RB3#3	4.75	13	PASS
RB6#0					5.92	13	PASS	
RB1#0					4.81	13	PASS	
RB1#7					5.47	13	PASS	
RB1#14				5.22	13	PASS		
MCH	RB8#0	6.36	13	PASS				
RB8#4	6.40	13	PASS					
RB8#7	6.42	13	PASS					
RB15#0	6.74	13	PASS					
RB1#0	5.36	13	PASS					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#7	5.00	13	PASS	
				RB1#14	4.36	13	PASS	
				RB8#0	5.87	13	PASS	
				RB8#4	5.68	13	PASS	
				RB8#7	5.85	13	PASS	
				RB15#0	6.13	13	PASS	
			HCH	RB1#0	4.56	13	PASS	
				RB1#7	4.61	13	PASS	
				RB1#14	4.09	13	PASS	
				RB8#0	5.64	13	PASS	
				RB8#4	5.30	13	PASS	
				RB8#7	5.42	13	PASS	
			5	LCH	RB1#0	5.04	13	PASS
					RB1#13	5.47	13	PASS
		RB1#24			5.30	13	PASS	
		RB12#0			6.26	13	PASS	
		RB12#6			6.47	13	PASS	
		RB12#13			6.68	13	PASS	
		MCH		RB25#0	6.89	13	PASS	
				RB1#0	5.76	13	PASS	
				RB1#13	5.46	13	PASS	
				RB1#24	5.33	13	PASS	
				RB12#0	6.36	13	PASS	
				RB12#6	6.05	13	PASS	
		HCH		RB12#13	5.98	13	PASS	
				RB25#0	6.45	13	PASS	
			RB1#0	4.67	13	PASS		
			RB1#13	4.38	13	PASS		
			RB1#24	4.08	13	PASS		
			RB12#0	6.12	13	PASS		
		10	LCH	RB12#6	5.71	13	PASS	
				RB12#13	5.69	13	PASS	
RB25#0	6.13			13	PASS			
RB1#0	5.28			13	PASS			
RB1#25	5.52			13	PASS			
				RB1#49	5.37	13	PASS	
				RB25#0	6.81	13	PASS	
				RB25#13	6.90	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#25	6.73	13	PASS
				RB50#0	7.02	13	PASS
			MCH	RB1#0	6.15	13	PASS
				RB1#25	5.62	13	PASS
				RB1#49	5.57	13	PASS
				RB25#0	6.58	13	PASS
				RB25#13	6.18	13	PASS
				RB25#25	6.17	13	PASS
				RB50#0	6.65	13	PASS
				HCH	RB1#0	5.10	13
			RB1#25		5.36	13	PASS
			RB1#49		4.55	13	PASS
			RB25#0		6.26	13	PASS
			RB25#13		6.21	13	PASS
			RB25#25		6.05	13	PASS
							RB50#0

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

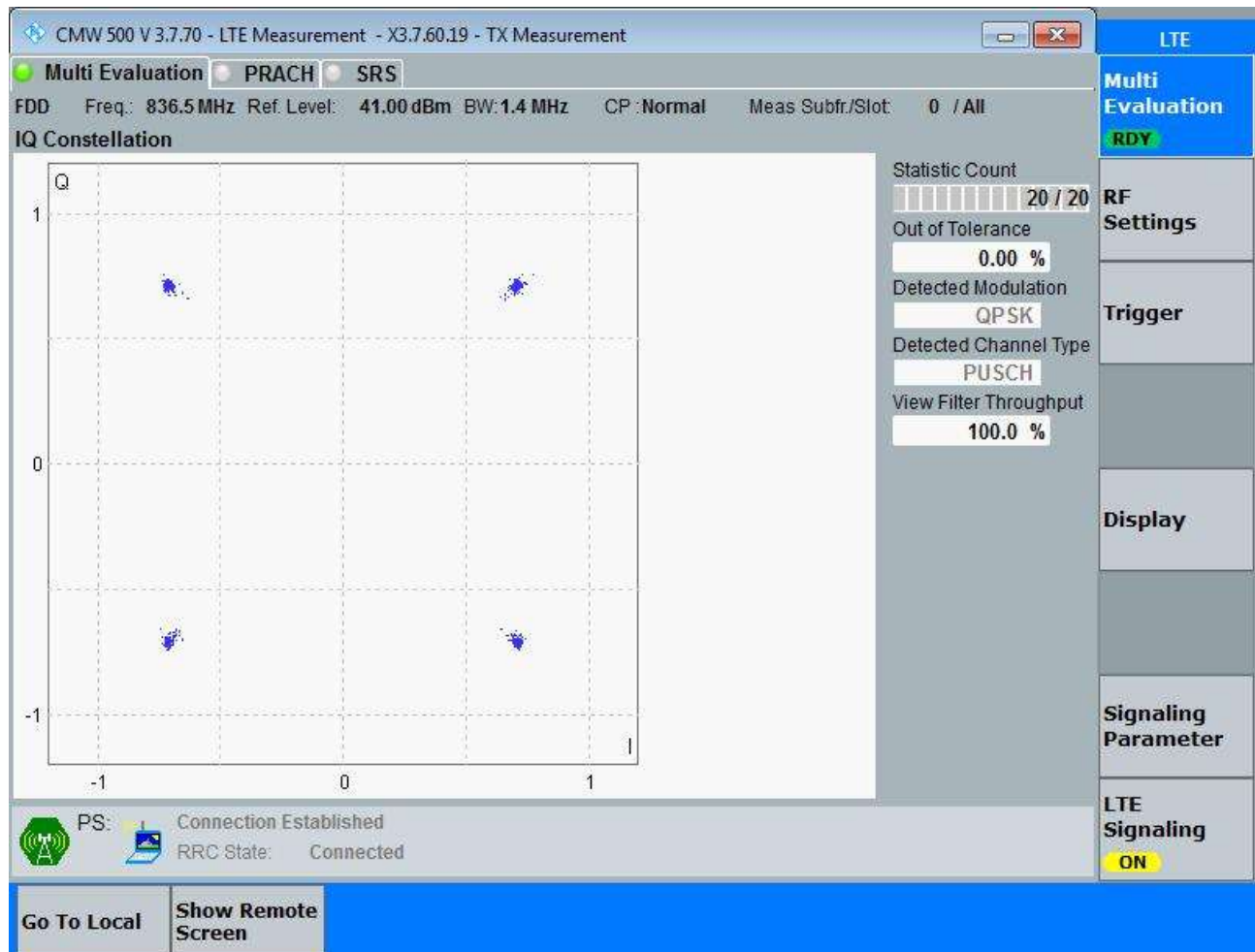
##### 3.1.1 Test Band = Band5

##### 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

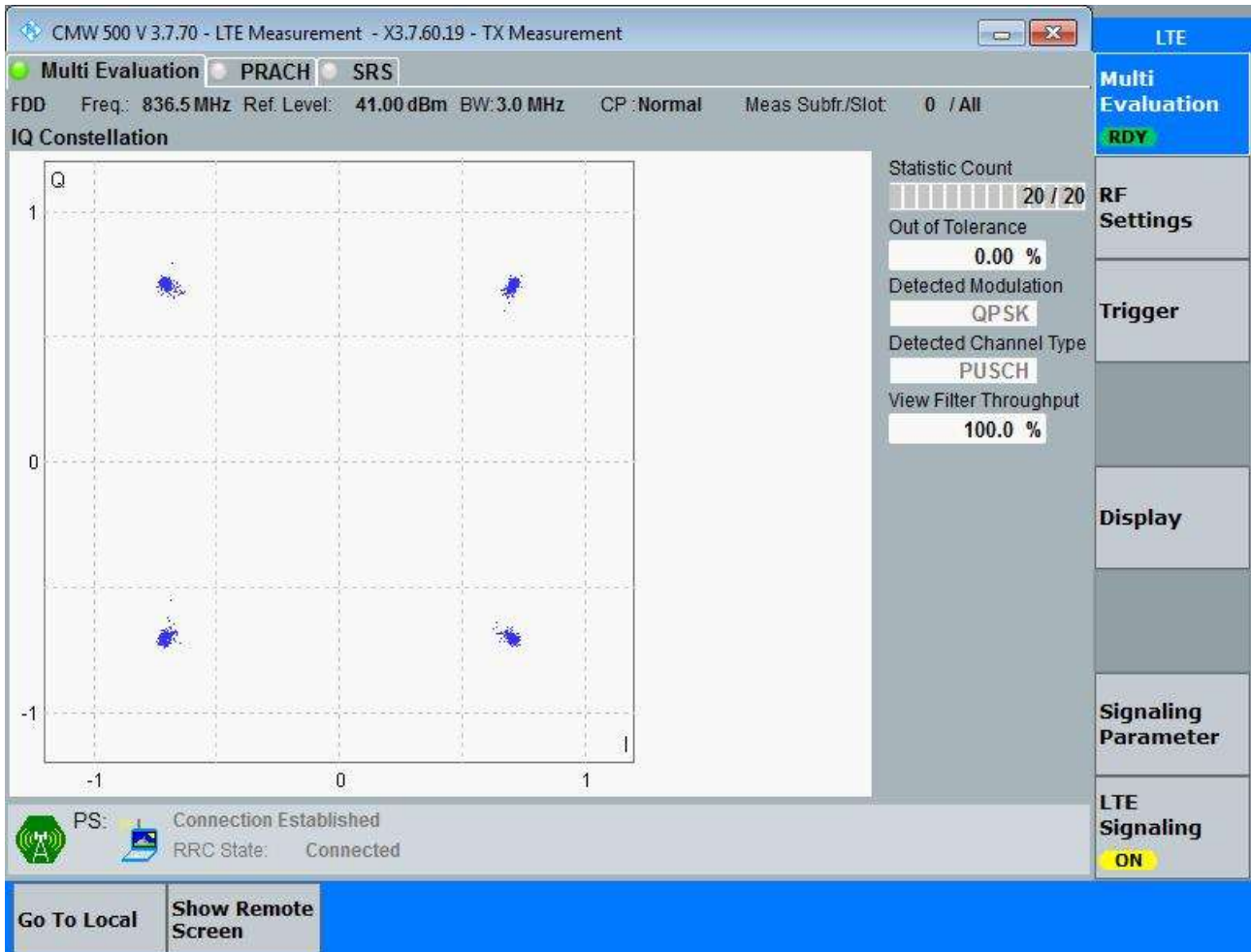
##### 3.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

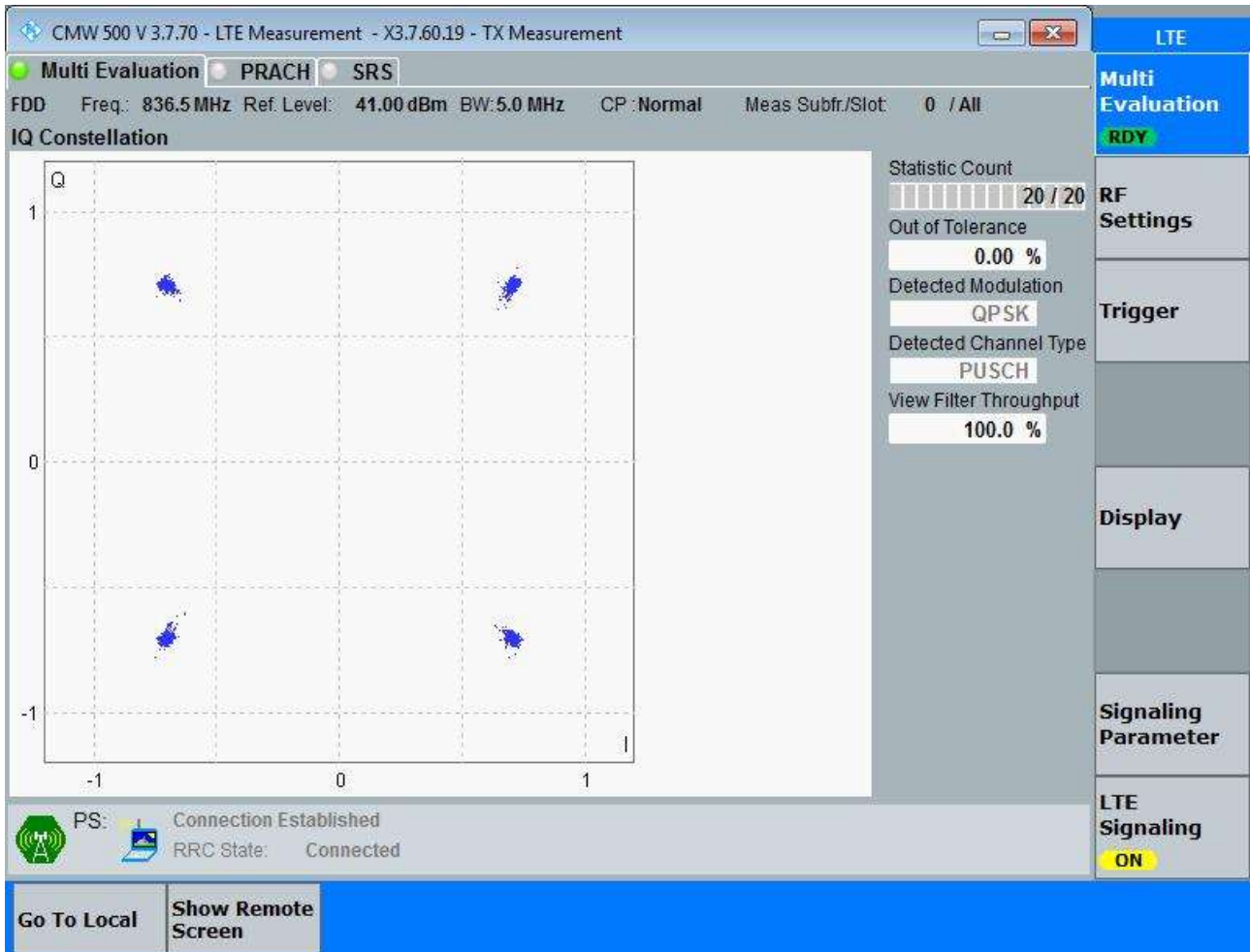
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

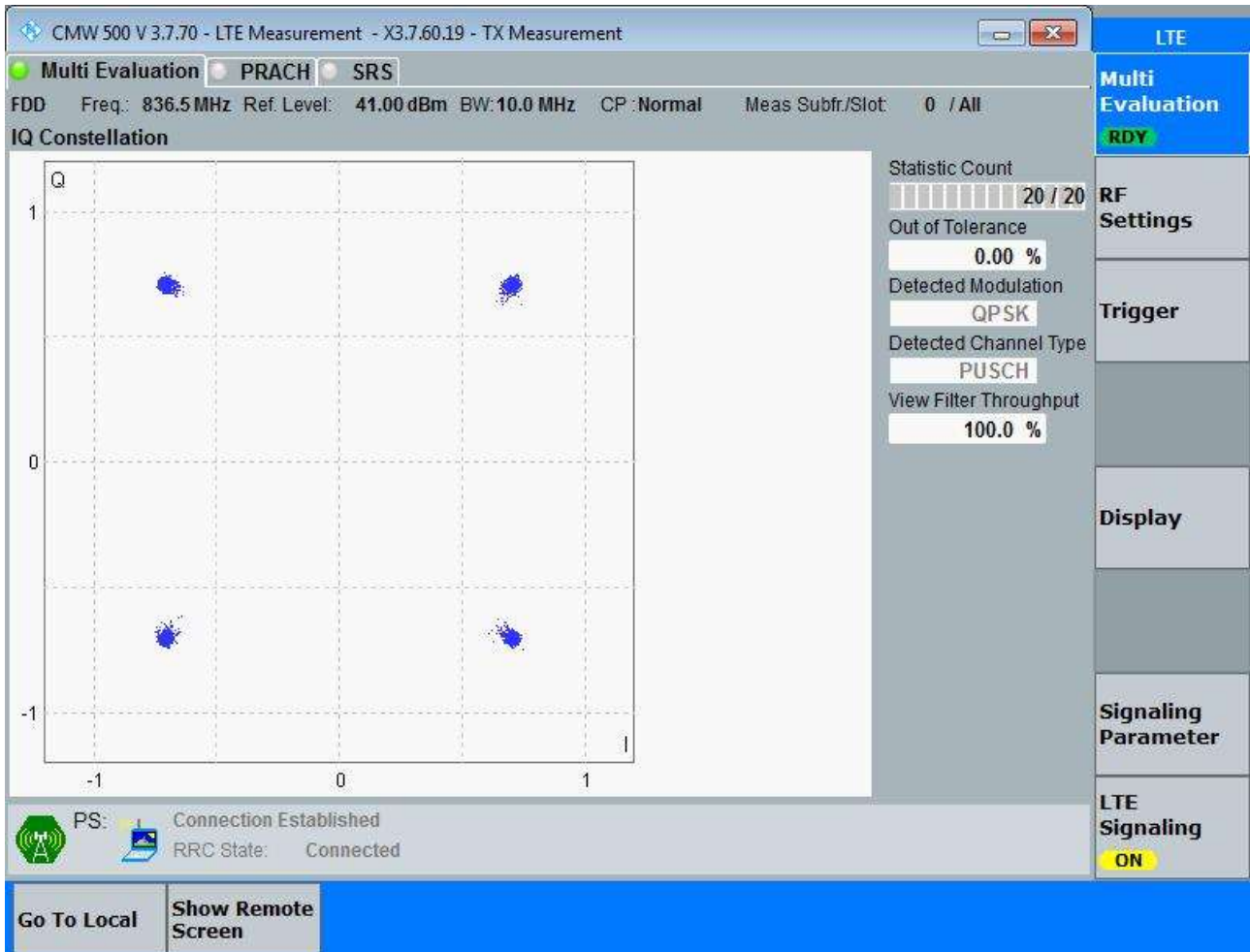
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 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

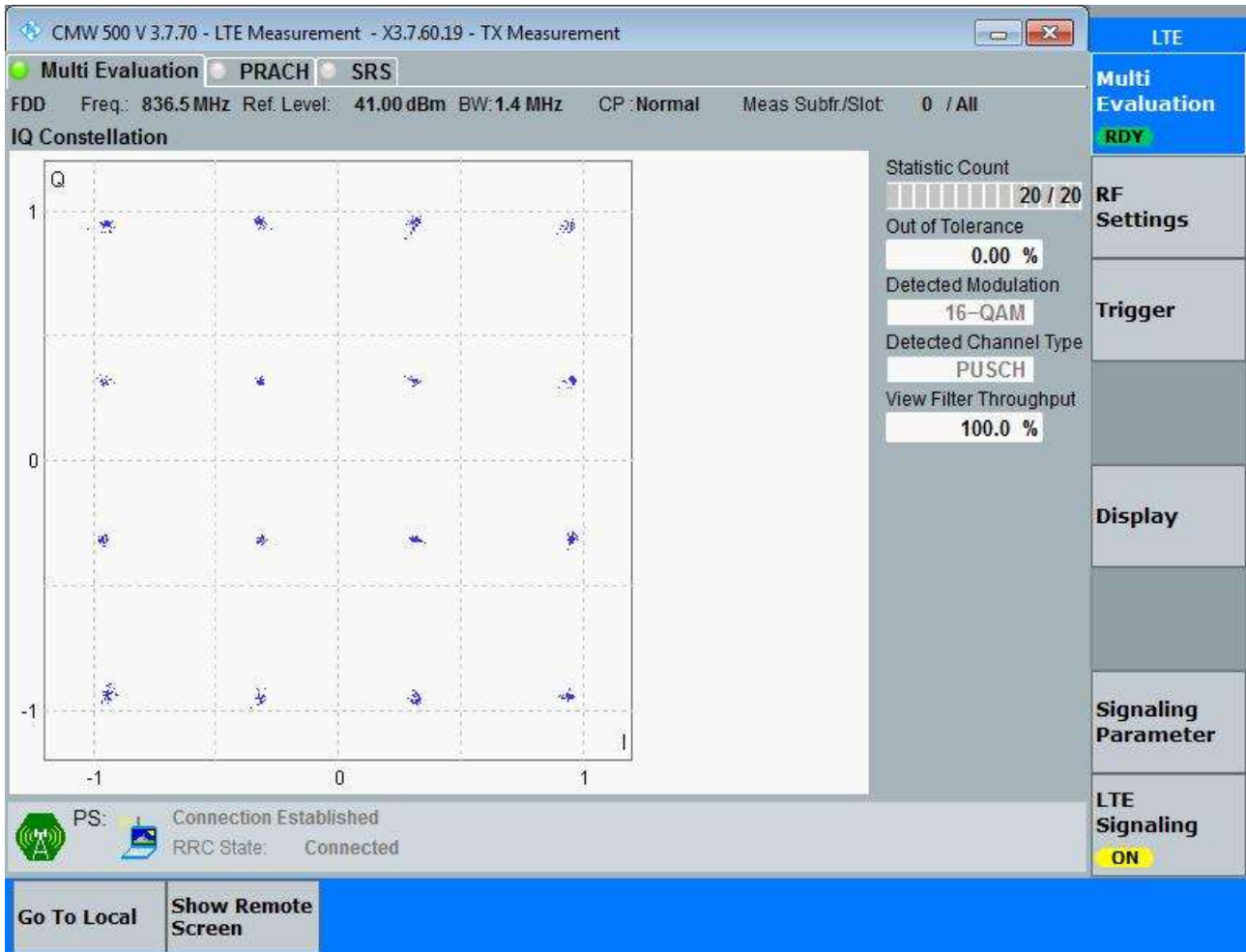


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

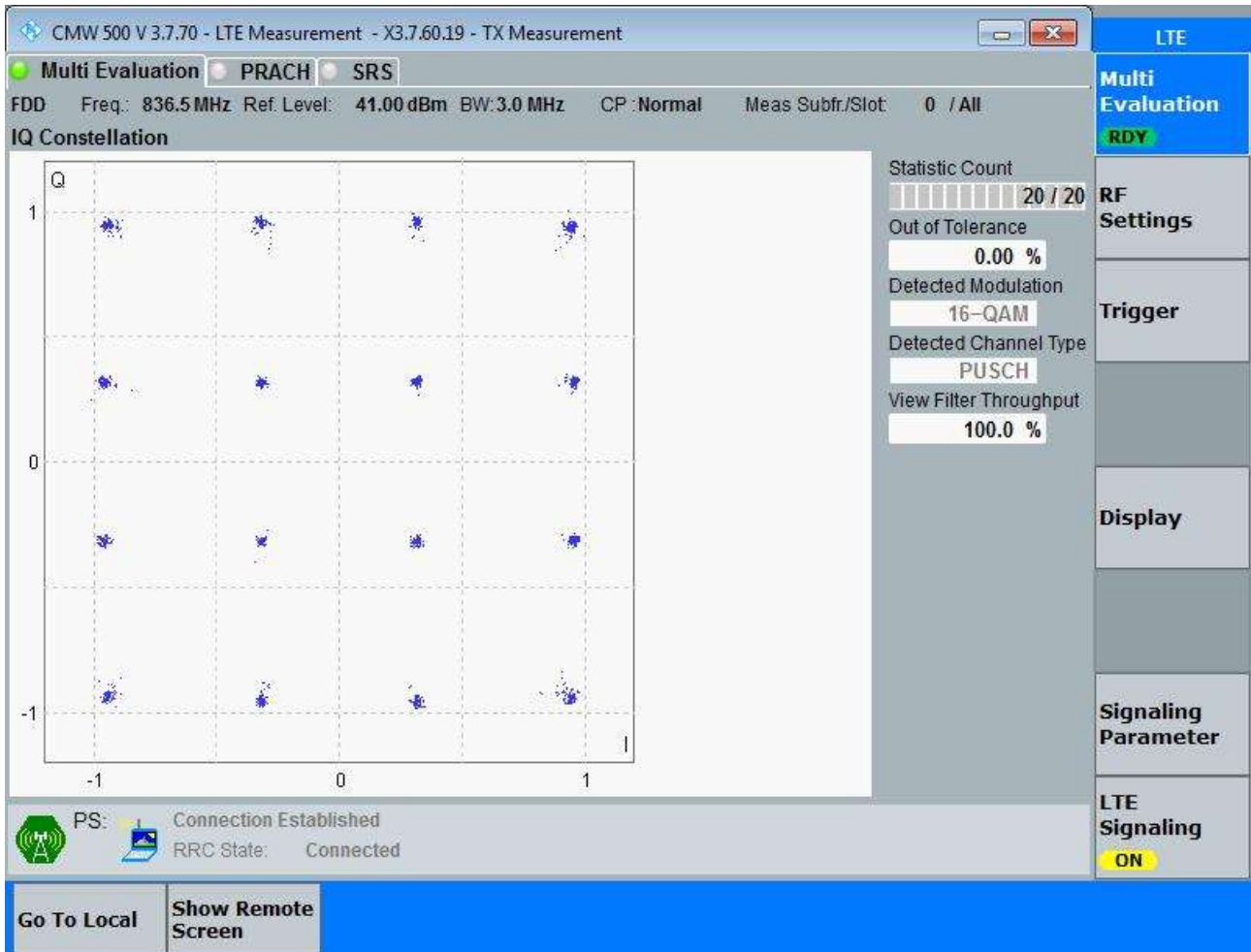
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 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

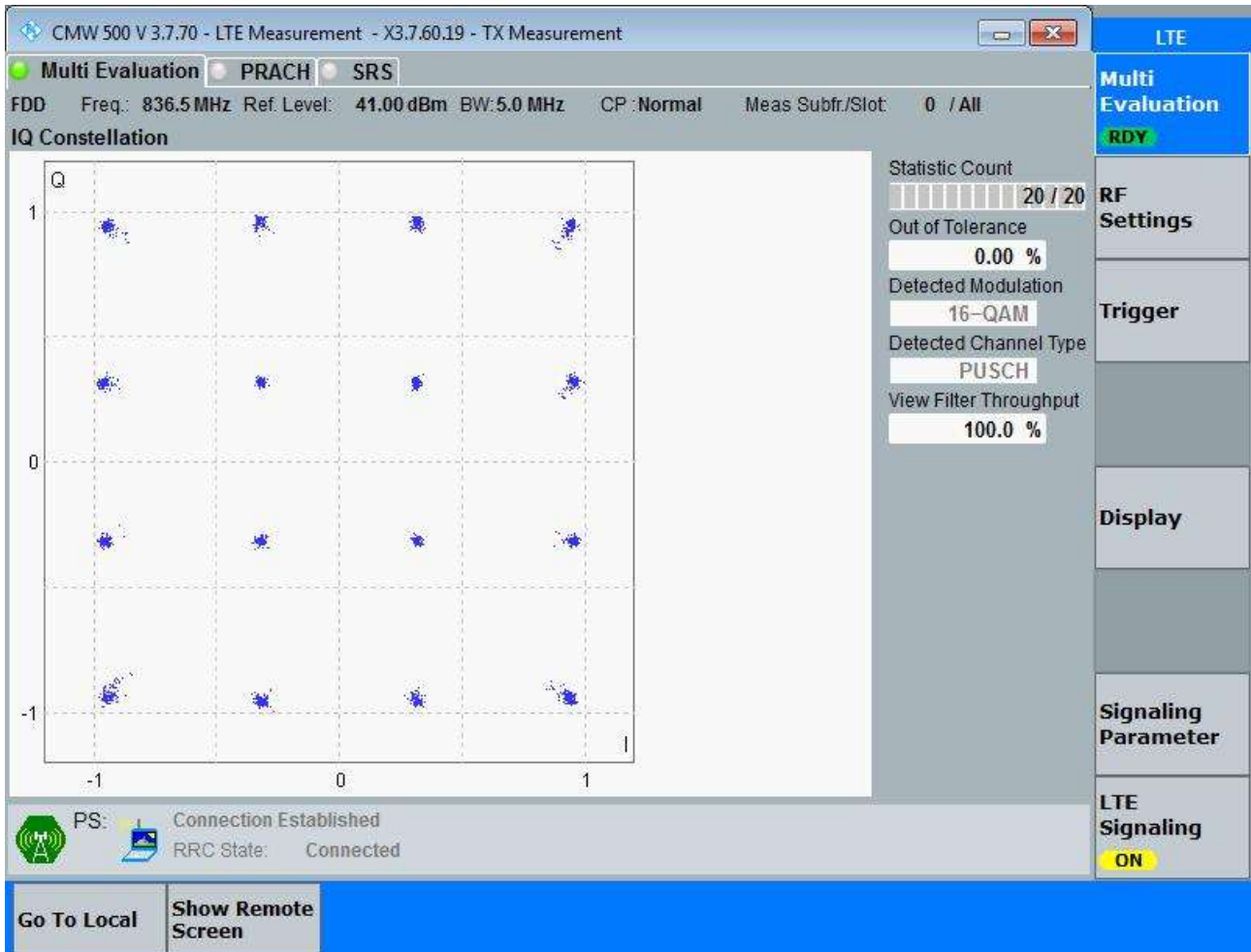




### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

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

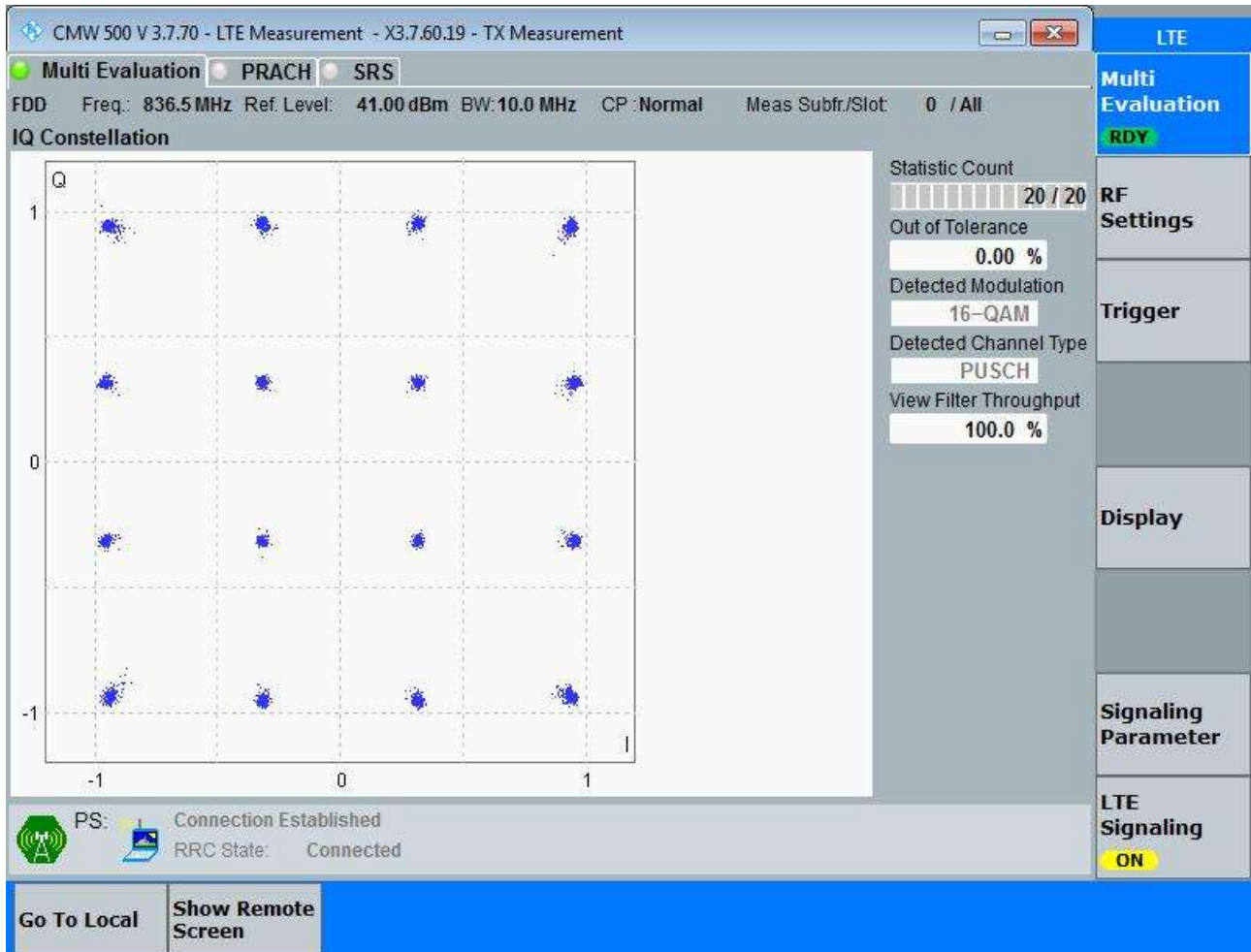




### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

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



## 4Appendix\_D: Bandwidth

### Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band5	LTE/TM1	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.25	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.51	4.93	Pass
			HCH	RB25#0	4.50	4.96	Pass
		10	LCH	RB50#0	9.02	9.92	Pass
			MCH	RB50#0	8.99	9.85	Pass
			HCH	RB50#0	9.02	9.88	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.70	3.27	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.52	4.95	Pass
			MCH	RB25#0	4.51	4.95	Pass
			HCH	RB25#0	4.52	4.95	Pass
		10	LCH	RB50#0	9.02	9.87	Pass
			MCH	RB50#0	8.98	9.86	Pass
			HCH	RB50#0	9.04	9.90	Pass

**Part II - Test Plots**

**4.1 For LTE**

**4.1.1 Test Band = Band5**

**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**



4.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.3 Test Channel = HCH

4.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

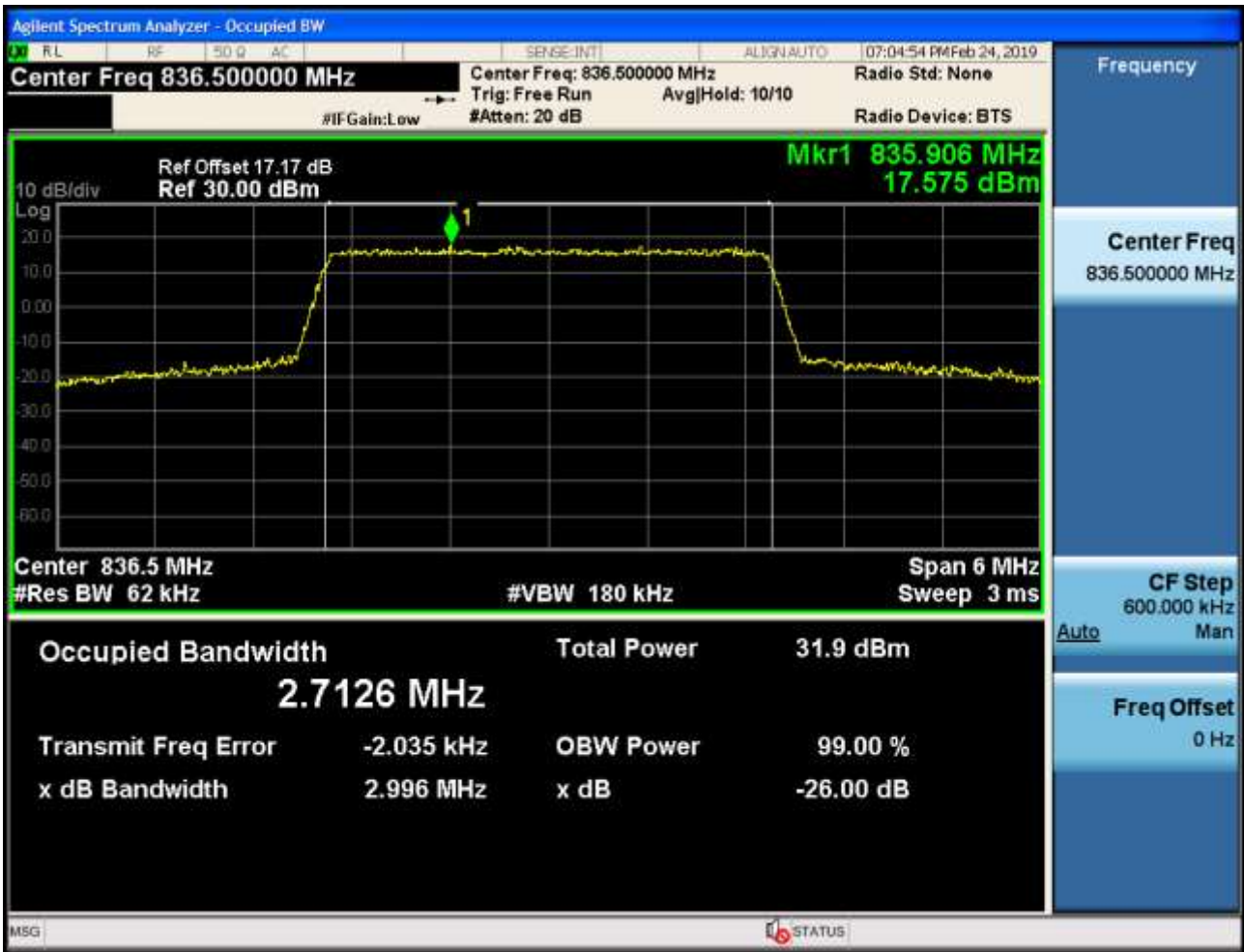
4.1.1.1.2.1.1 Test RB = RB15#0





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

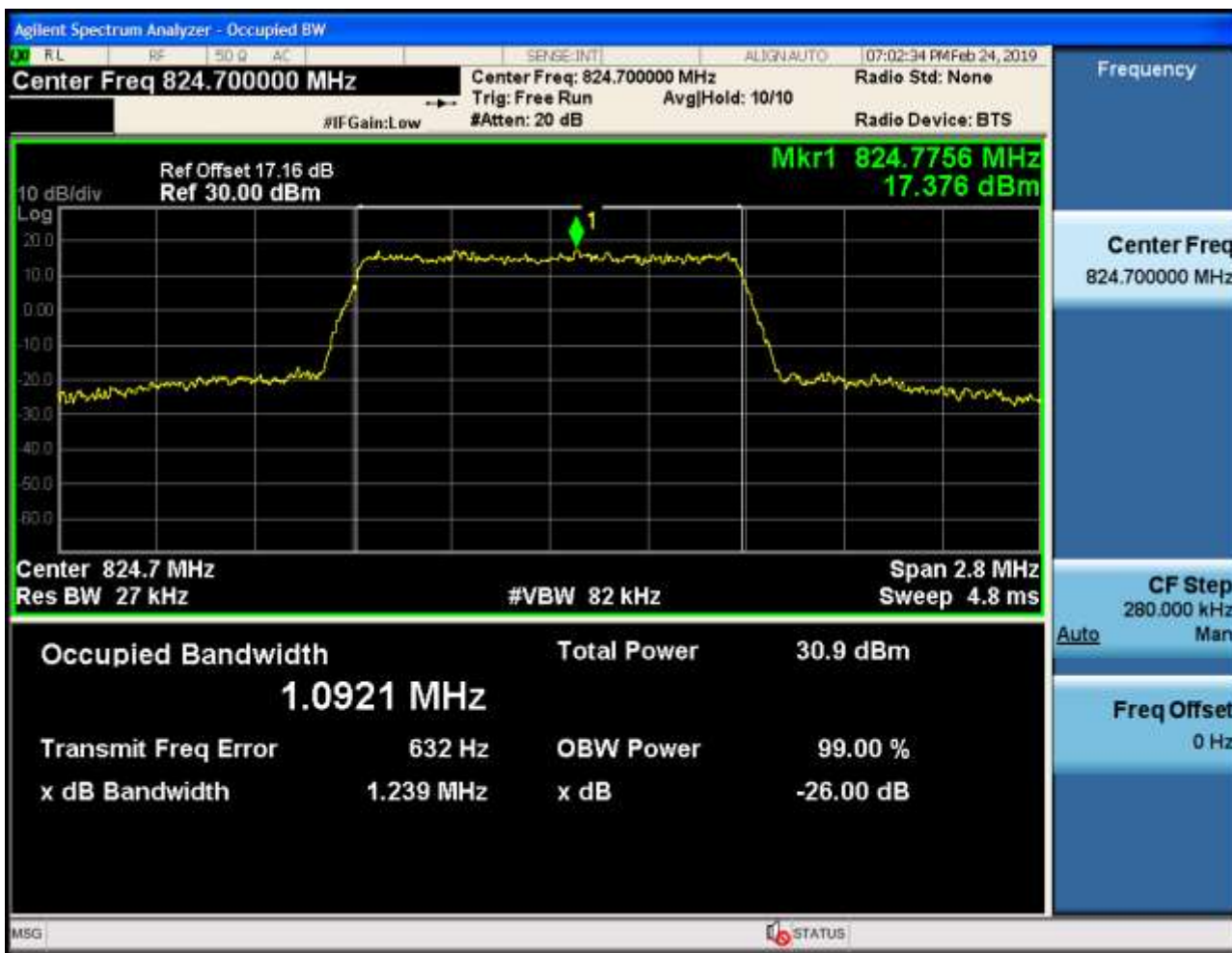


4.1.1.2 Test Mode = LTE/TM2

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

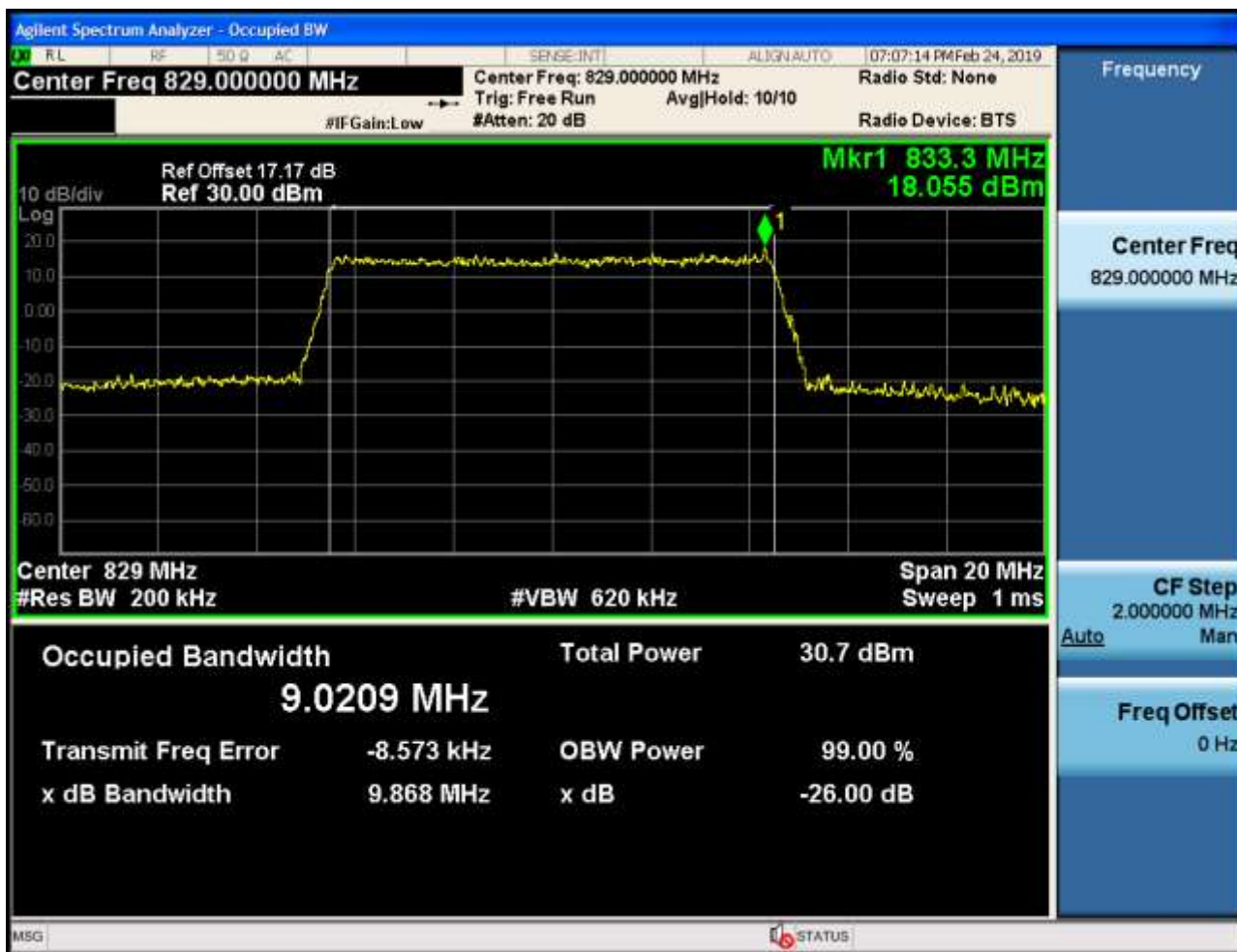
4.1.1.2.3.3.1 Test RB = RB25#0



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





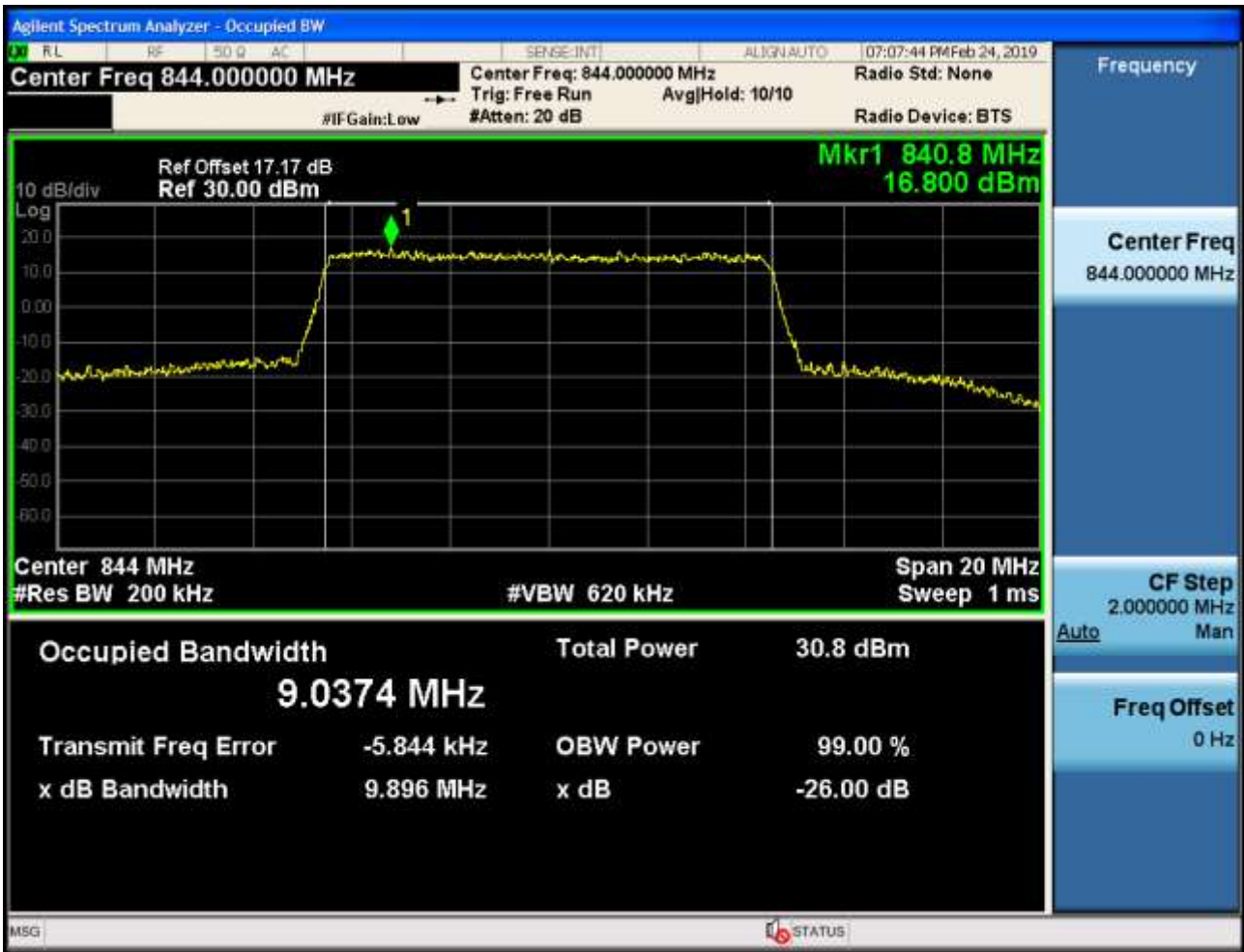
4.1.1.2.4.2 Test Channel = MCH

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



## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

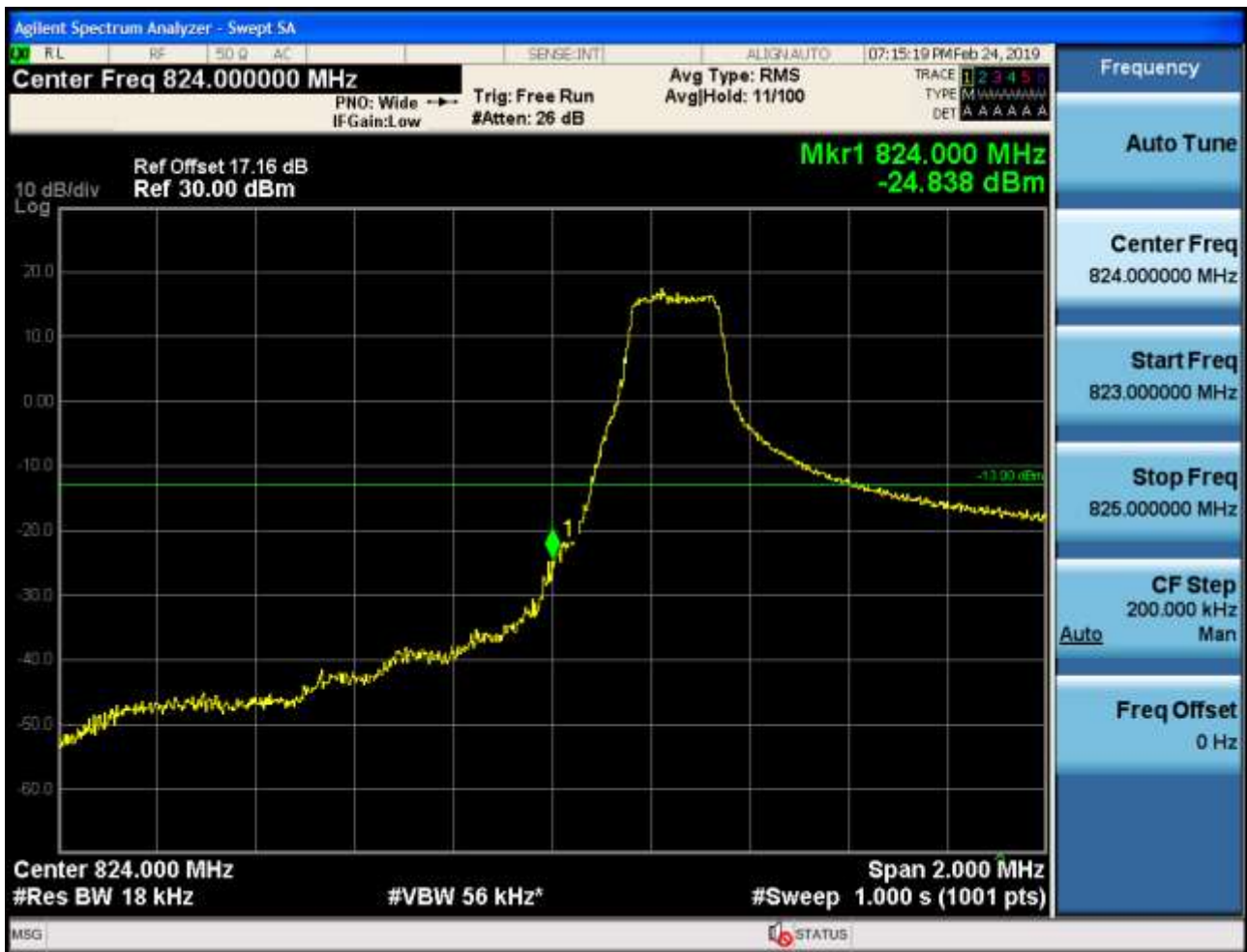
##### 5.1.1 Test Band = Band5

##### 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





5.1.1.1.2.3 Test RB = RB3#2



## 5.1.1.1.2.4 Test RB = RB6#0



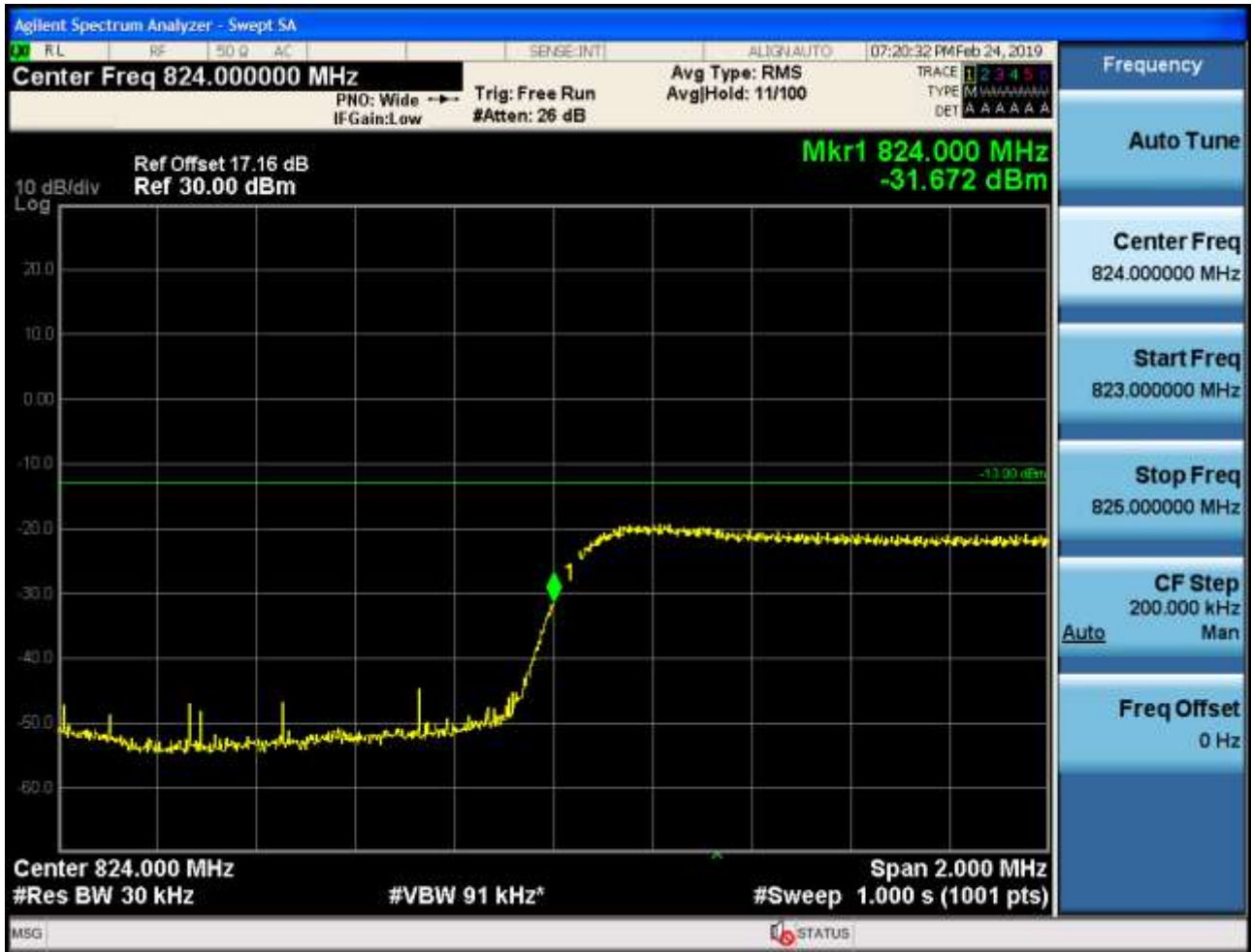
5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



## 5.1.1.1.2.1.2 Test RB = RB1#14





5.1.1.1.2.1.3 Test RB = RB8#4



5.1.1.1.2.1.4 Test RB = RB15#0





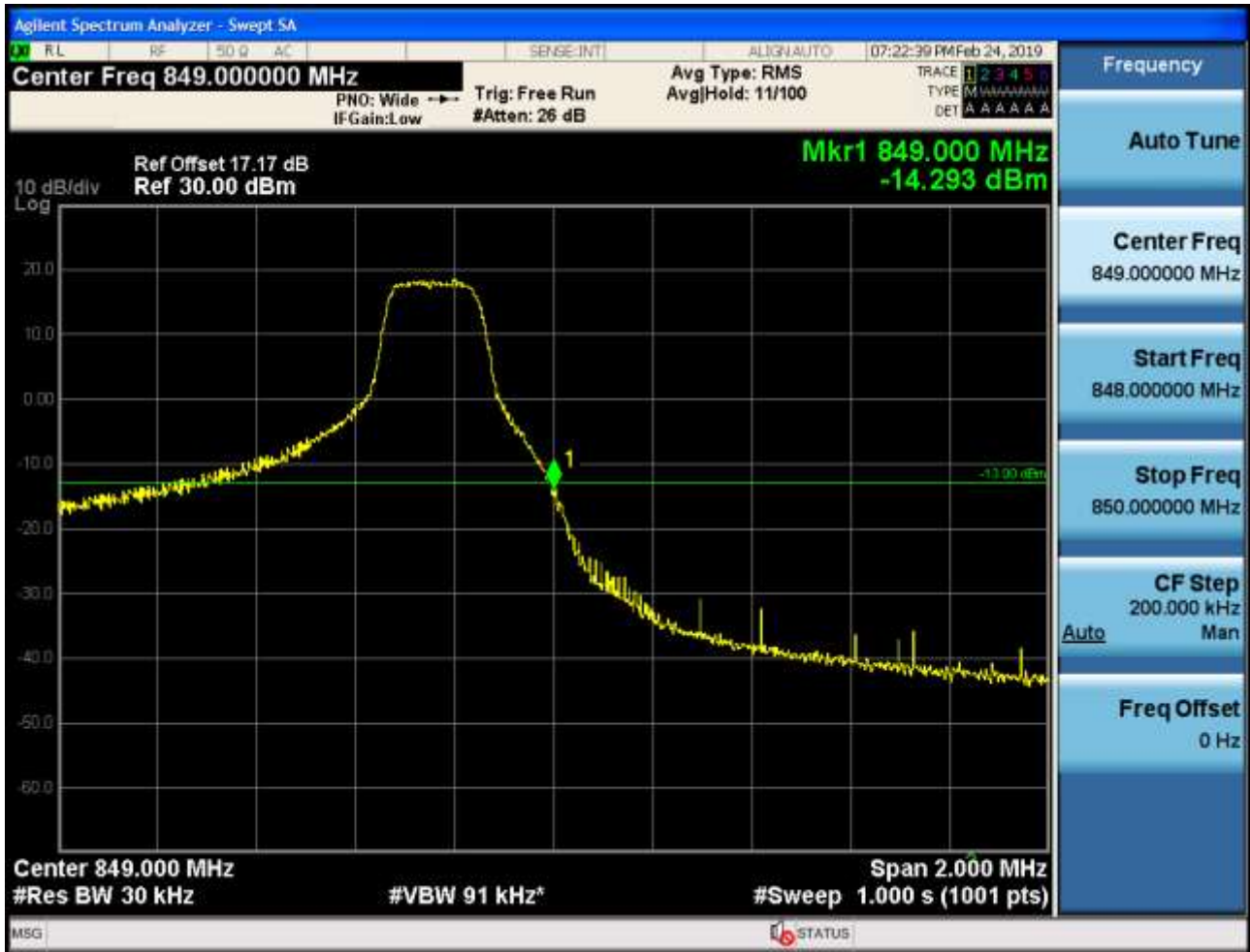


5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



## 5.1.1.1.2.2.2 Test RB = RB1#14



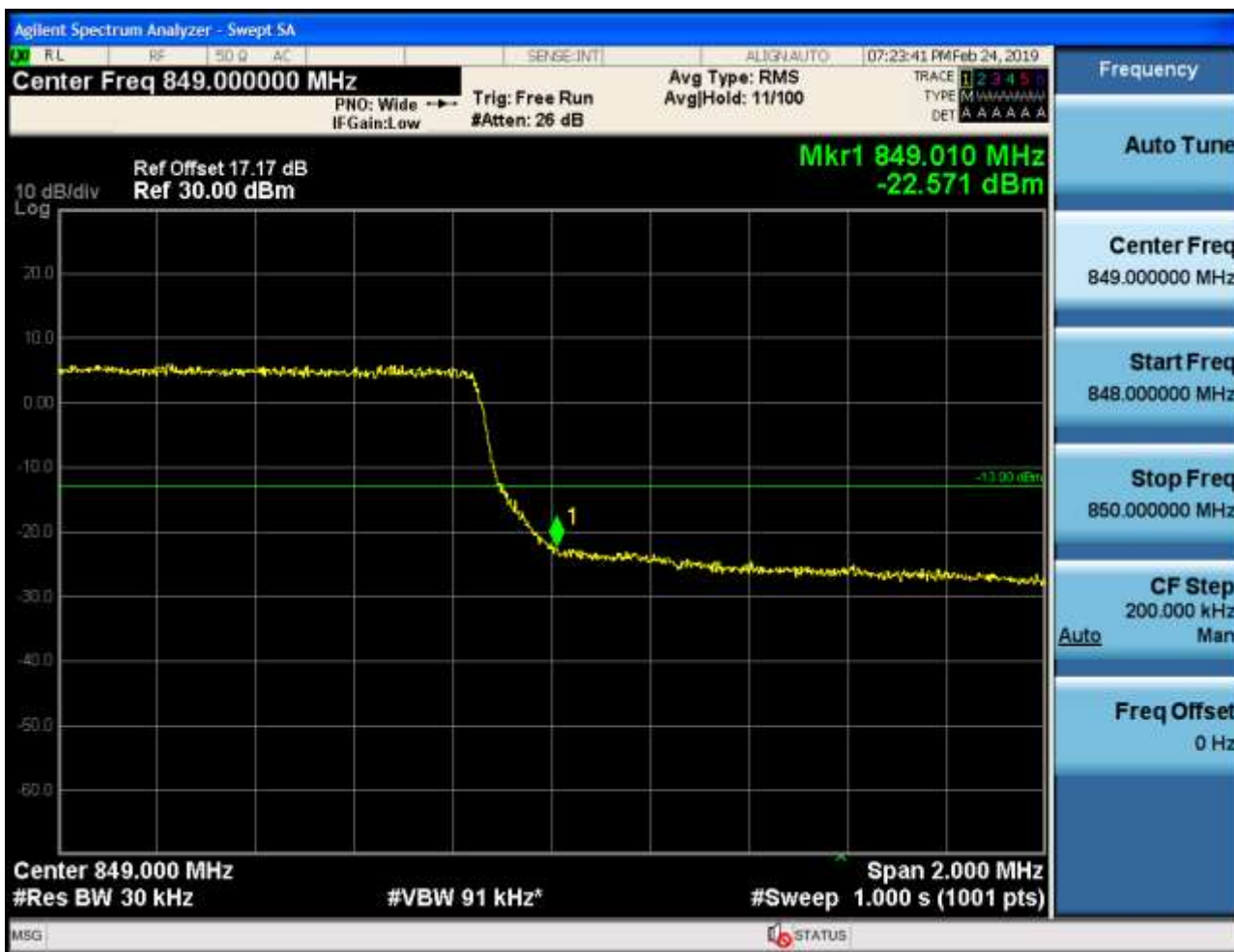


## 5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0



## 5.1.1.1.3 Test Bandwidth = 5

## 5.1.1.1.3.1 Test Channel = LCH

## 5.1.1.1.3.1.1 Test RB = RB1#0



5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6



## 5.1.1.1.3.1.4 Test RB = RB25#0





## 5.1.1.1.3.2 Test Channel = HCH

## 5.1.1.1.3.2.1 Test RB = RB1#0







5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0



## 5.1.1.1.4 Test Bandwidth = 10

## 5.1.1.1.4.1 Test Channel = LCH

## 5.1.1.1.4.1.1 Test RB = RB1#0



## 5.1.1.1.4.1.2 Test RB = RB1#49





5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





## 5.1.1.1.4.2 Test Channel = HCH

## 5.1.1.1.4.2.1 Test RB = RB1#0

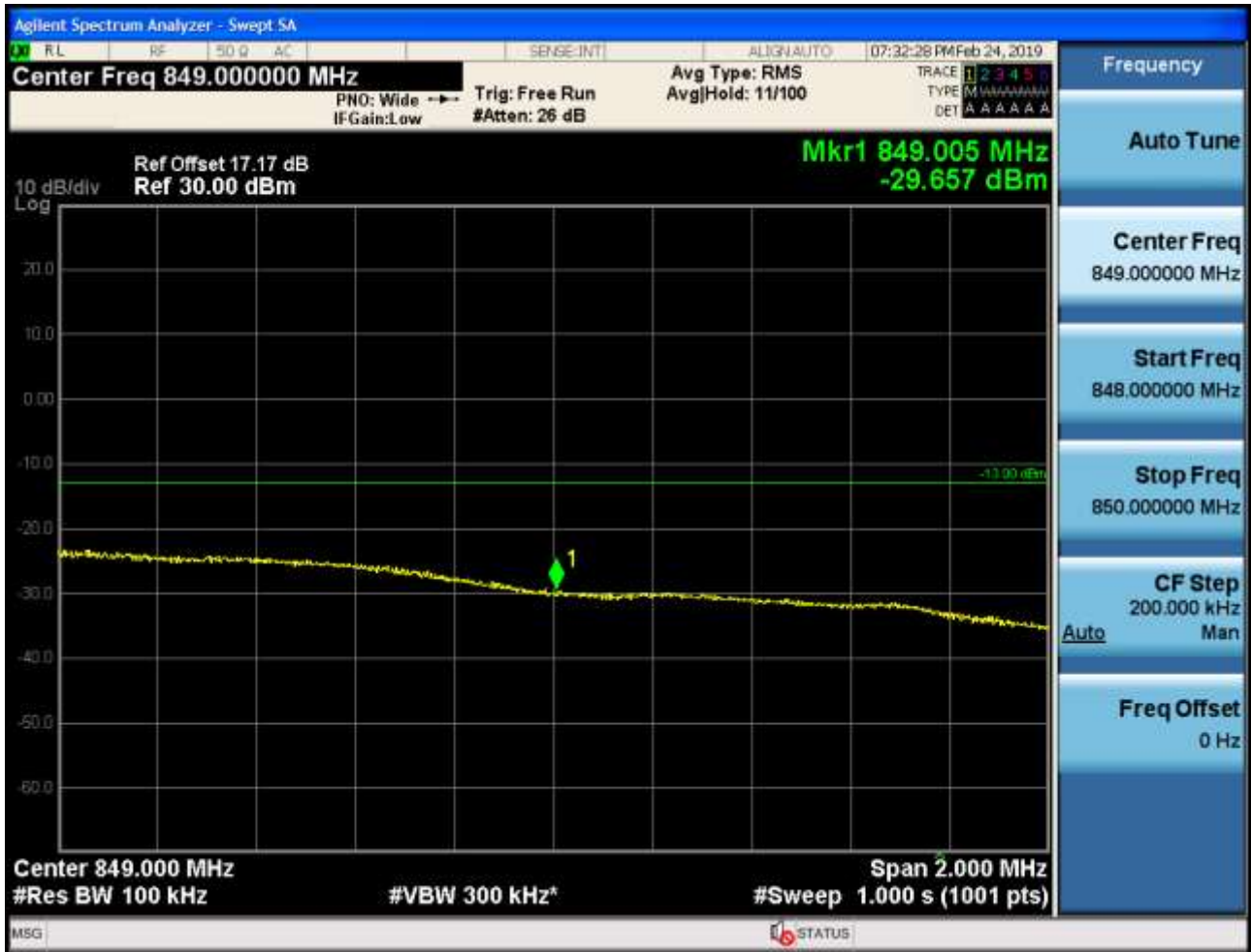




5.1.1.1.4.2.2 Test RB = RB1#49



## 5.1.1.1.4.2.3 Test RB = RB25#13



## 5.1.1.1.4.2.4 Test RB = RB50#0

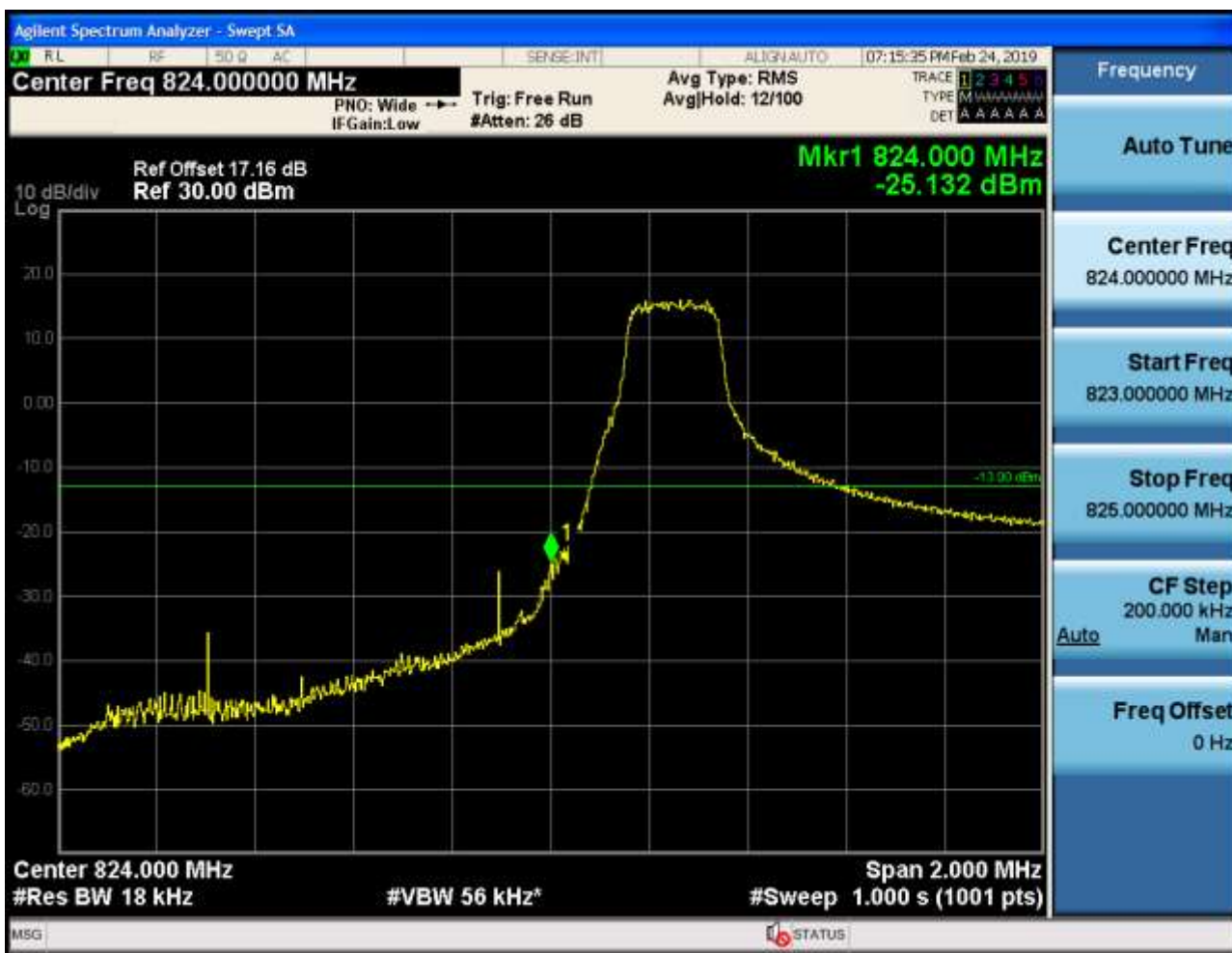


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.2 Test RB = RB1#5







5.1.1.2.1.1.3 Test RB = RB3#2





## 5.1.1.2.1.1.4 Test RB = RB6#0





5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



5.1.1.2.1.2.2 Test RB = RB1#5



### 5.1.1.2.1.2.3 Test RB = RB3#2



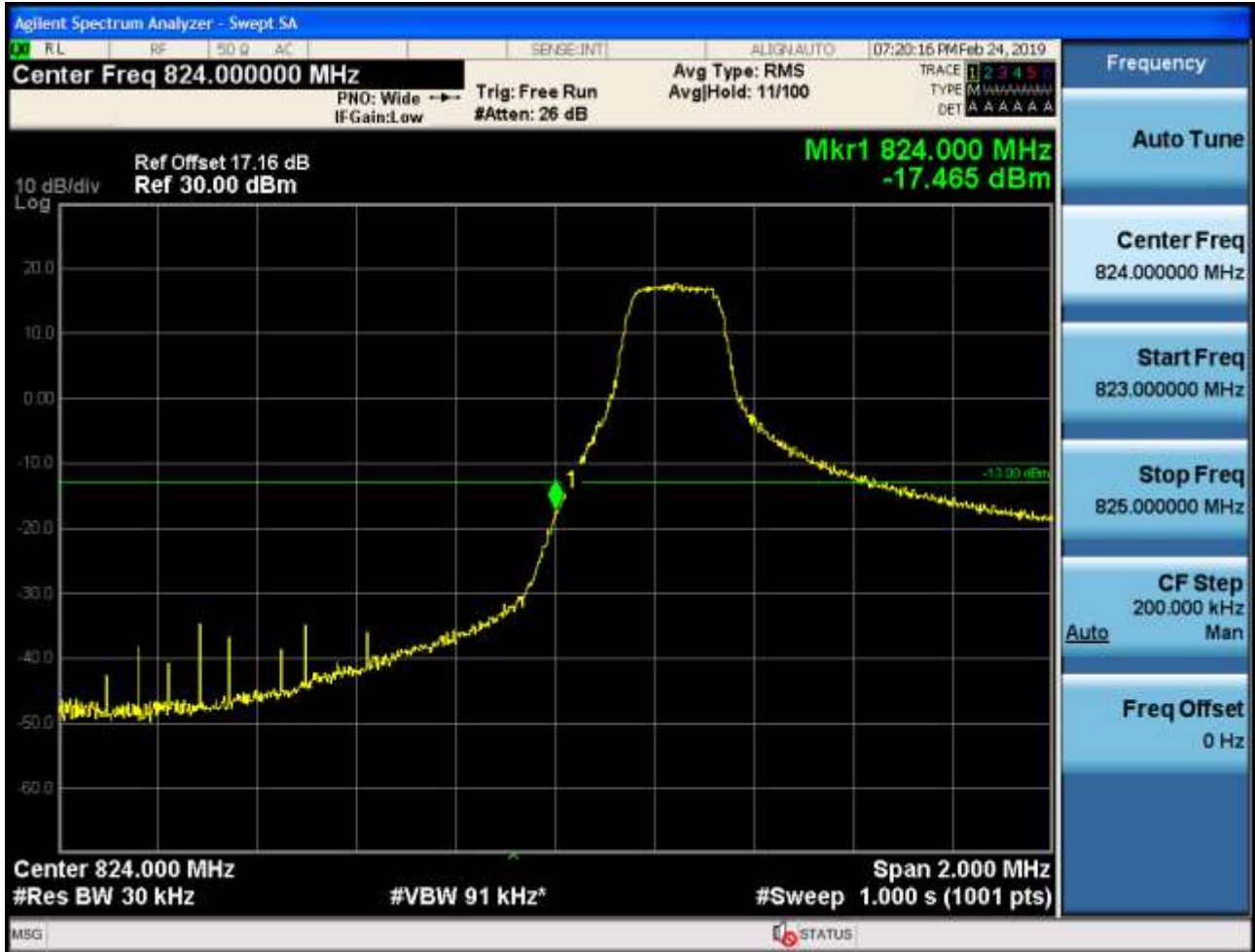
## 5.1.1.2.1.2.4 Test RB = RB6#0



## 5.1.1.2.2 Test Bandwidth = 3

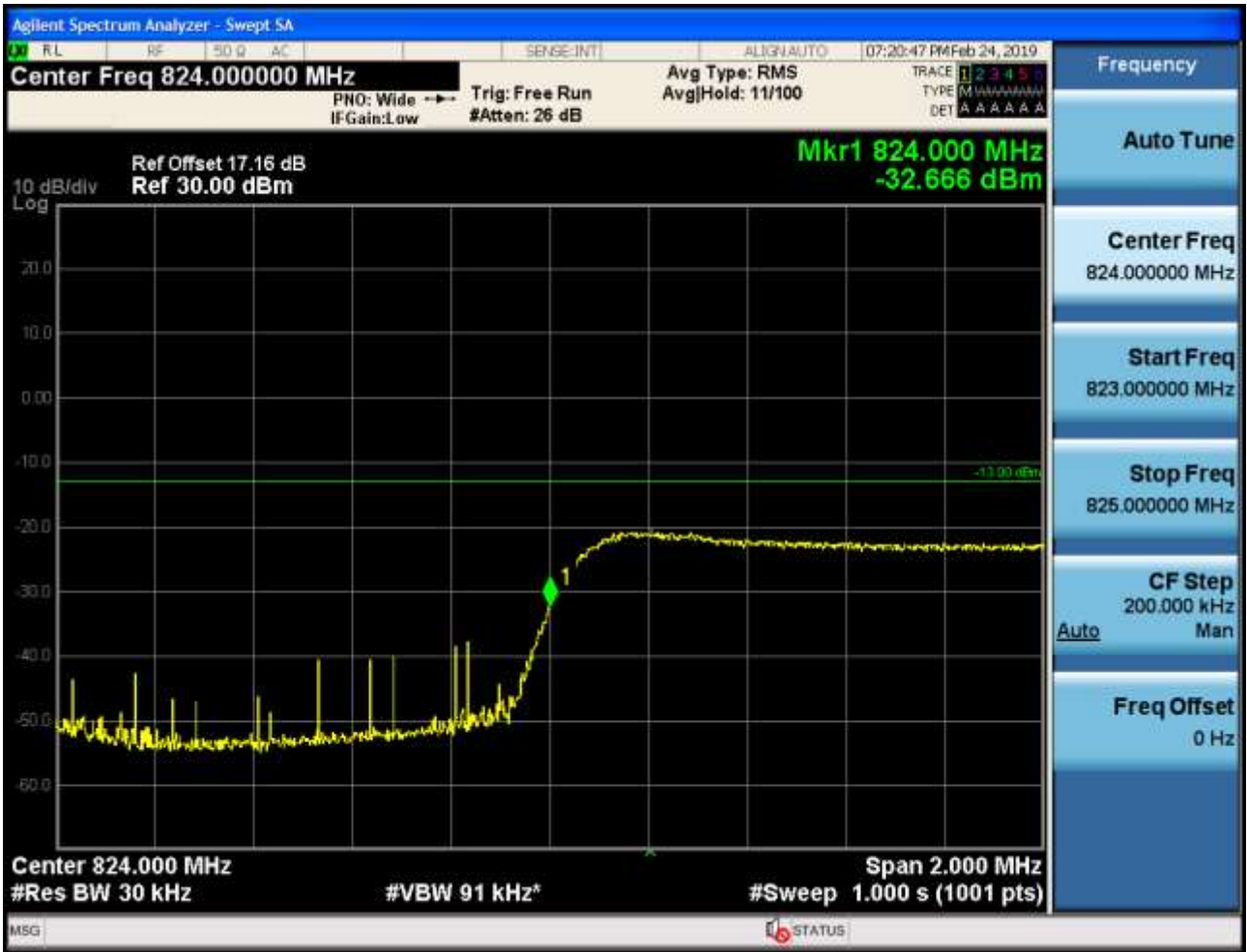
## 5.1.1.2.2.1 Test Channel = LCH

## 5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14



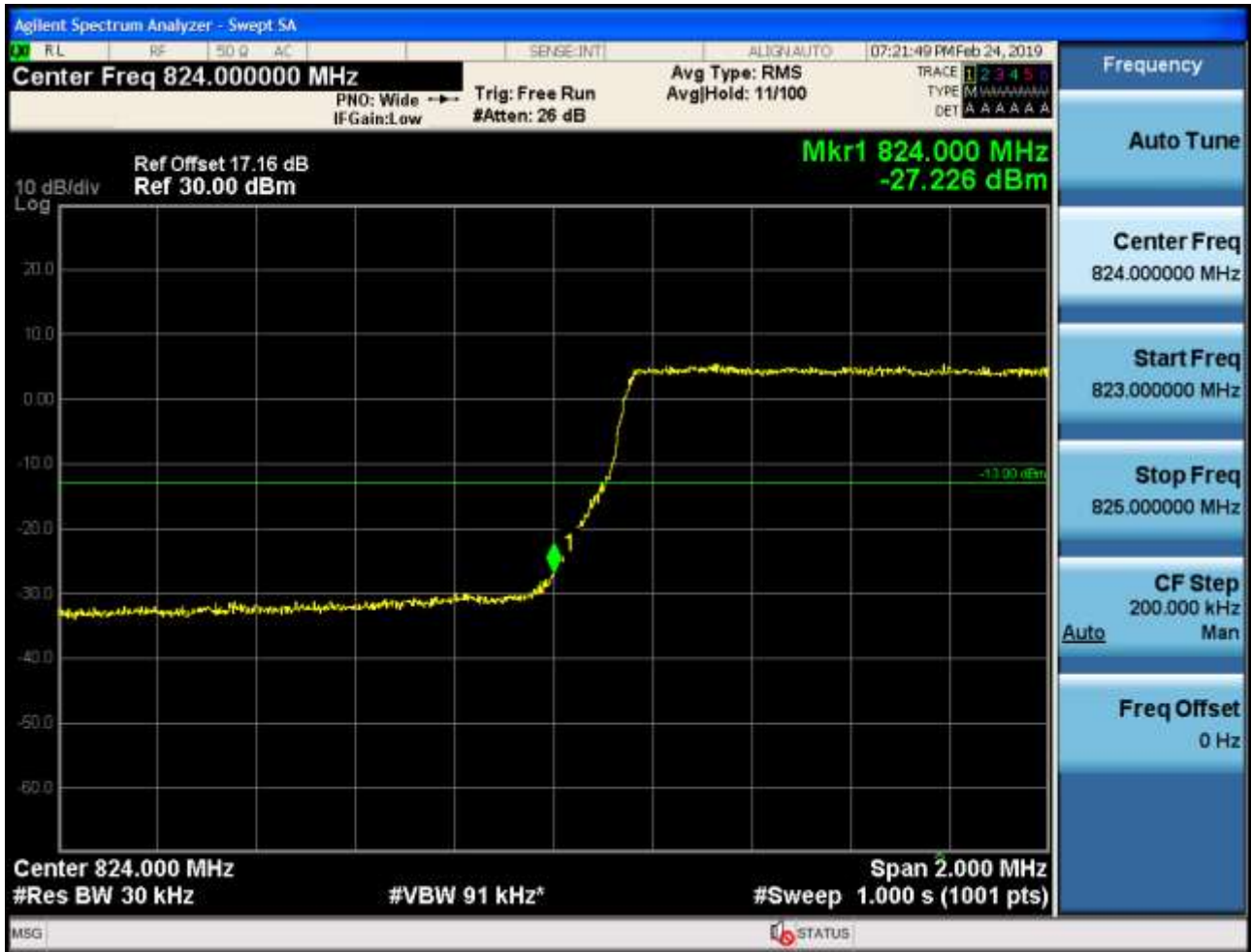




5.1.1.2.2.1.3 Test RB = RB8#4



## 5.1.1.2.2.1.4 Test RB = RB15#0



## 5.1.1.2.2.2 Test Channel = HCH

## 5.1.1.2.2.2.1 Test RB = RB1#0





## 5.1.1.2.2.3 Test RB = RB8#4



## 5.1.1.2.2.4 Test RB = RB15#0

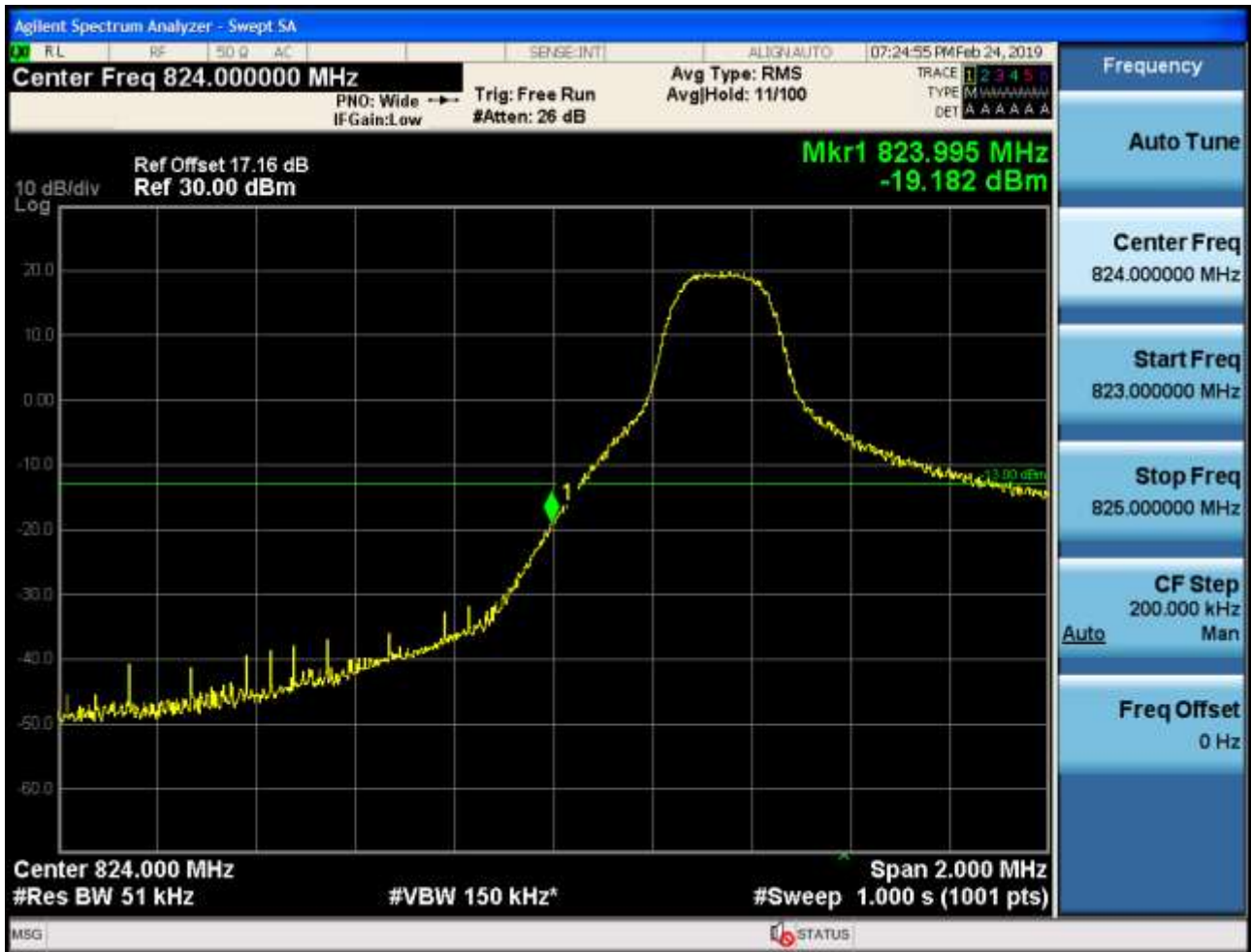




### 5.1.1.2.3 Test Bandwidth = 5

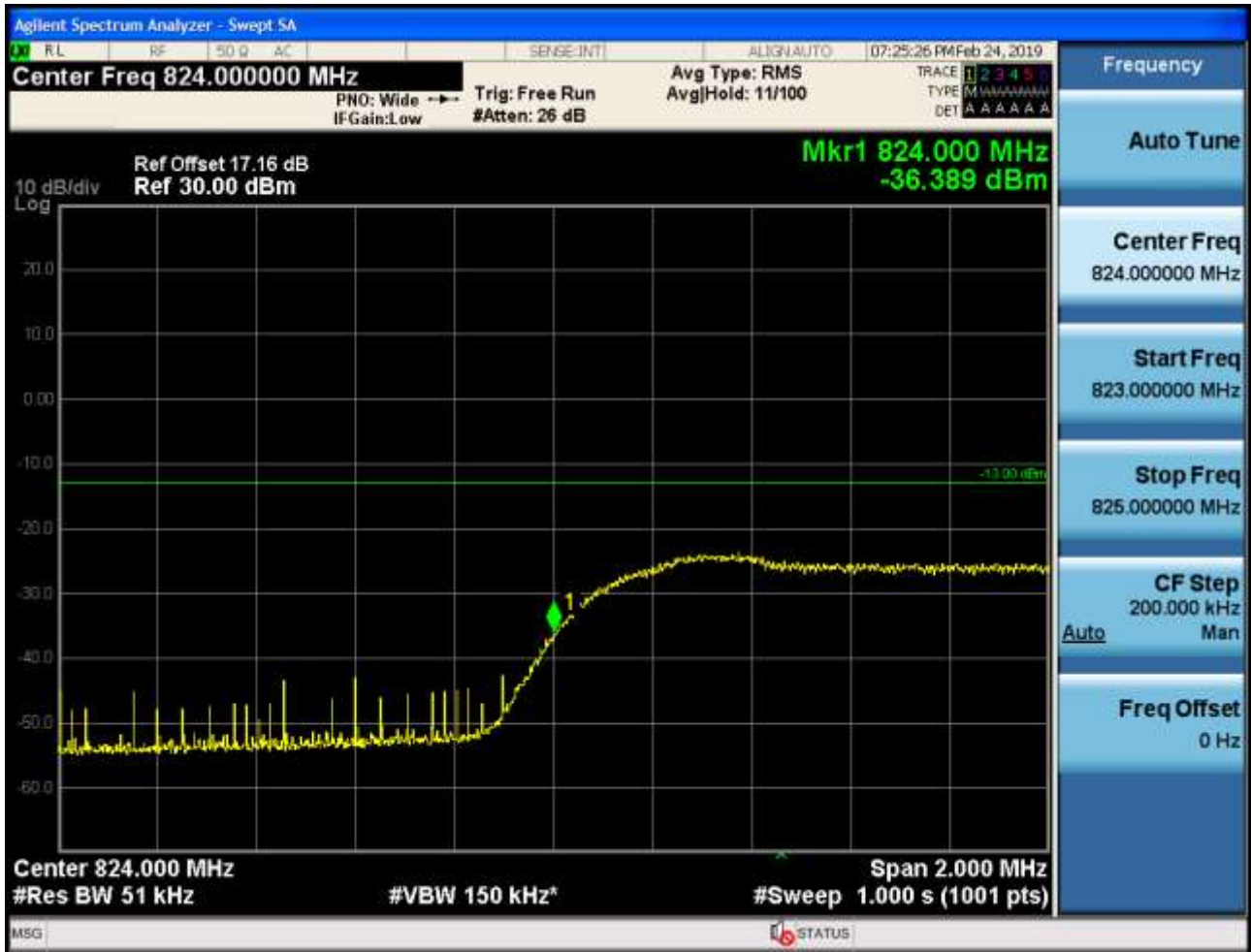
#### 5.1.1.2.3.1 Test Channel = LCH

##### 5.1.1.2.3.1.1 Test RB = RB1#0





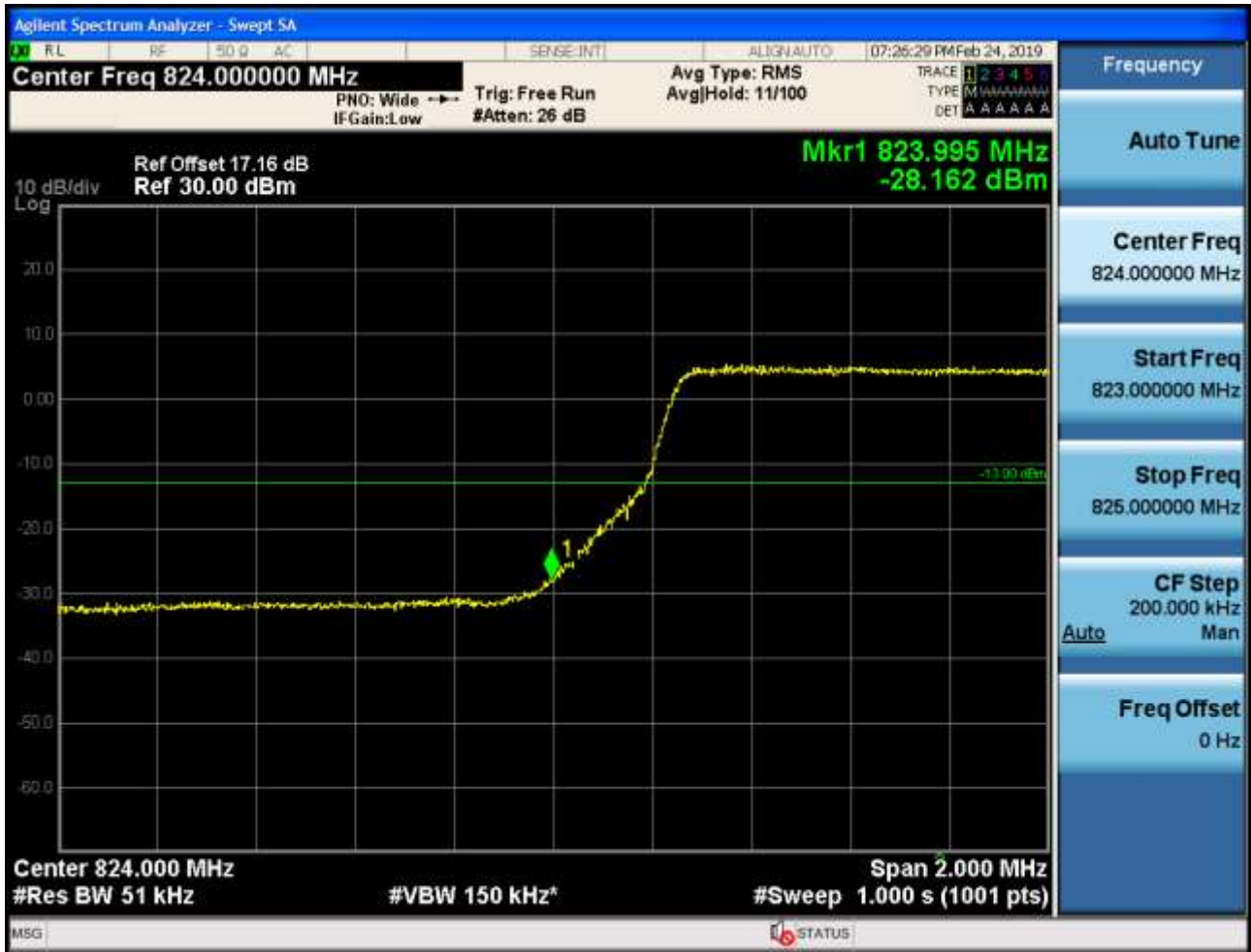
## 5.1.1.2.3.1.2 Test RB = RB1#24



## 5.1.1.2.3.1.3 Test RB = RB12#6



## 5.1.1.2.3.1.4 Test RB = RB25#0



## 5.1.1.2.3.2 Test Channel = HCH

## 5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.3 Test RB = RB12#6





## 5.1.1.2.3.2.4 Test RB = RB25#0





## 5.1.1.2.4 Test Bandwidth = 10

## 5.1.1.2.4.1 Test Channel = LCH

## 5.1.1.2.4.1.1 Test RB = RB1#0

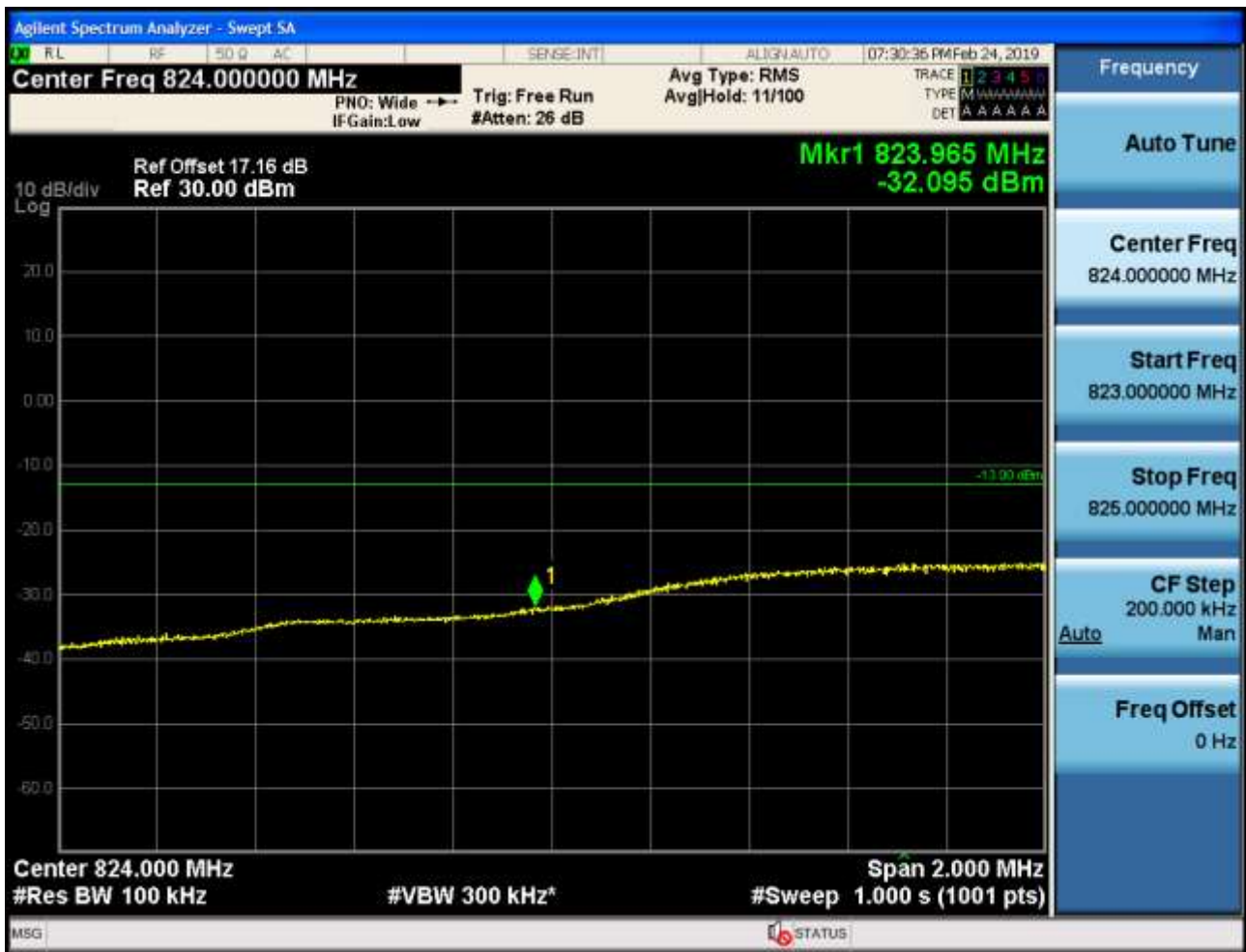


## 5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13



## 5.1.1.2.4.1.4 Test RB = RB50#0



## 5.1.1.2.4.2 Test Channel = HCH

## 5.1.1.2.4.2.1 Test RB = RB1#0



### 5.1.1.2.4.2.2 Test RB = RB1#49





## 5.1.1.2.4.2.3 Test RB = RB25#13





## 5.1.1.2.4.2.4 Test RB = RB50#0



## 6Appendix\_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

### Part I - Test Plots

#### 6.1 For LTE

##### 6.1.1 Test Band = Band5

##### 6.1.1.1 Test Mode = LTE/TM1

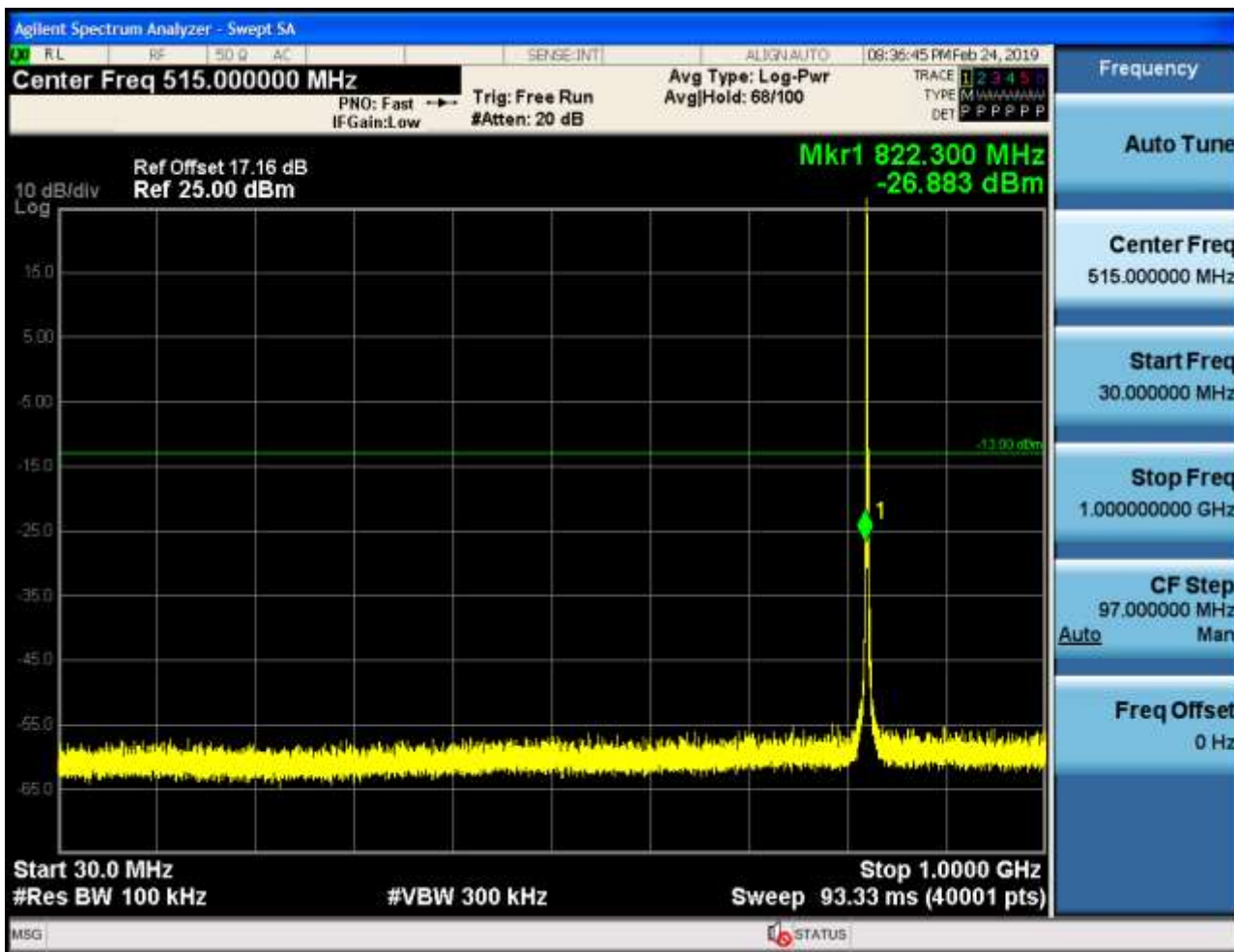
##### 6.1.1.1.1 Test Bandwidth = 1.4

##### 6.1.1.1.1.1 Test Channel = LCH

##### 6.1.1.1.1.1.1 Test RB = RB1#0





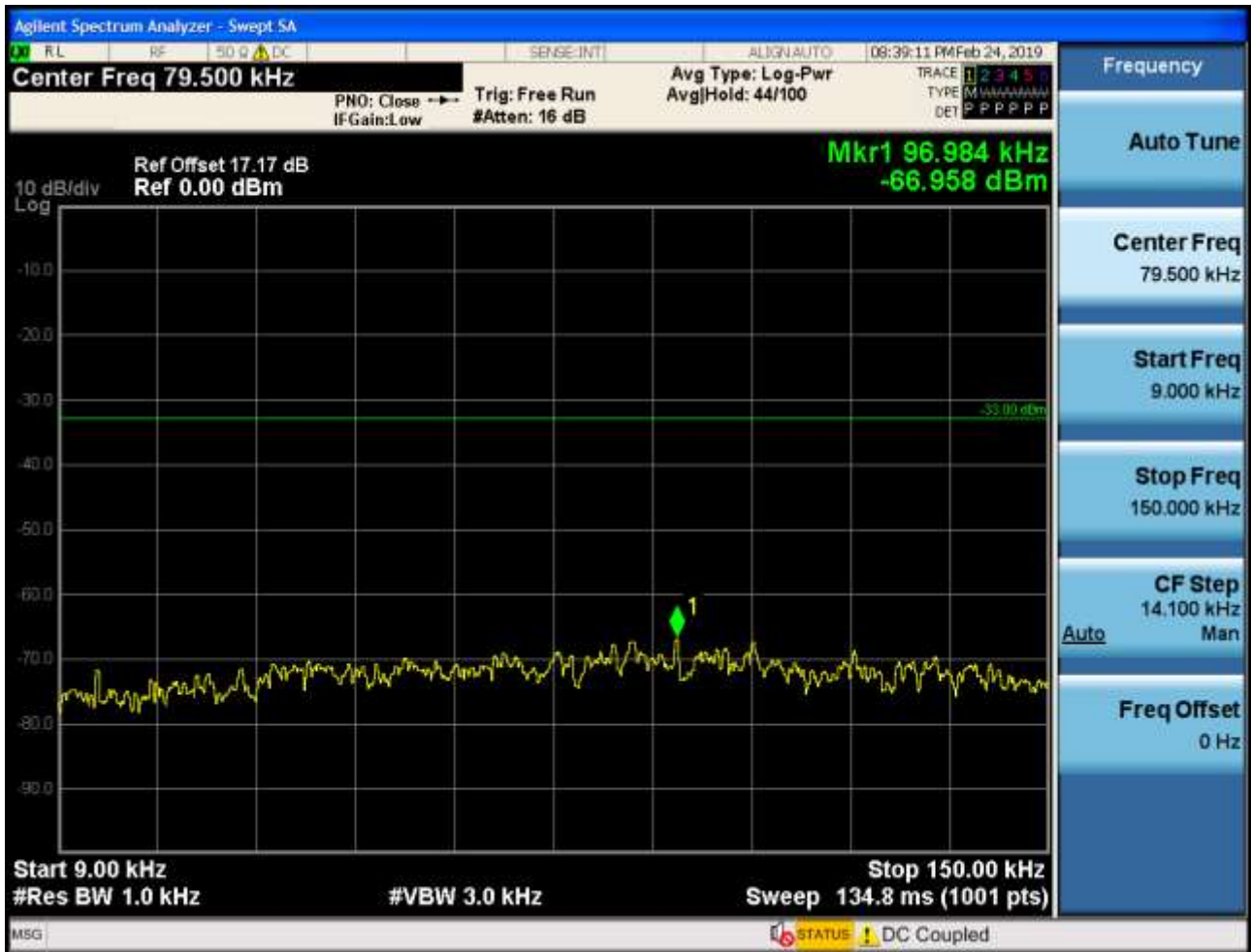


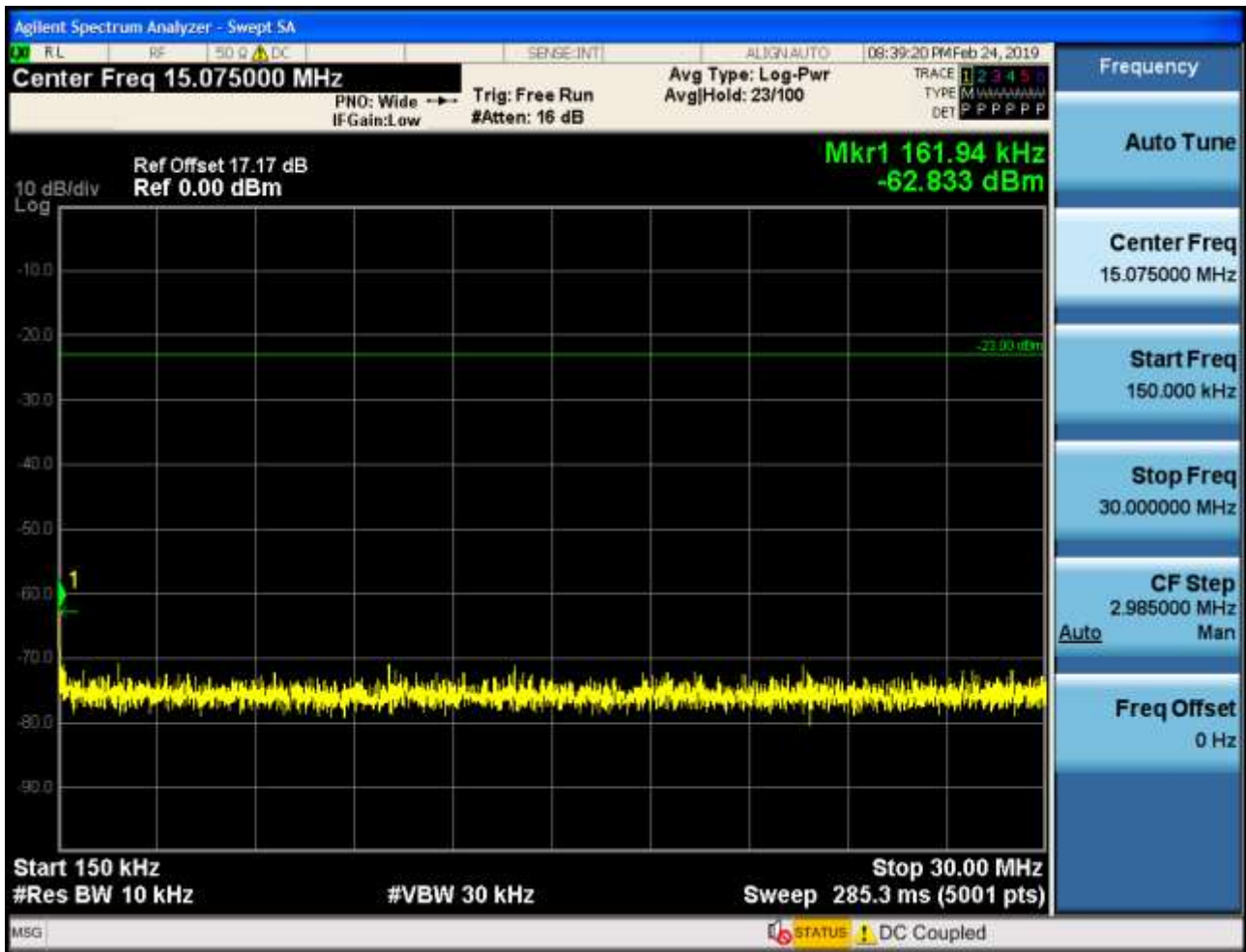


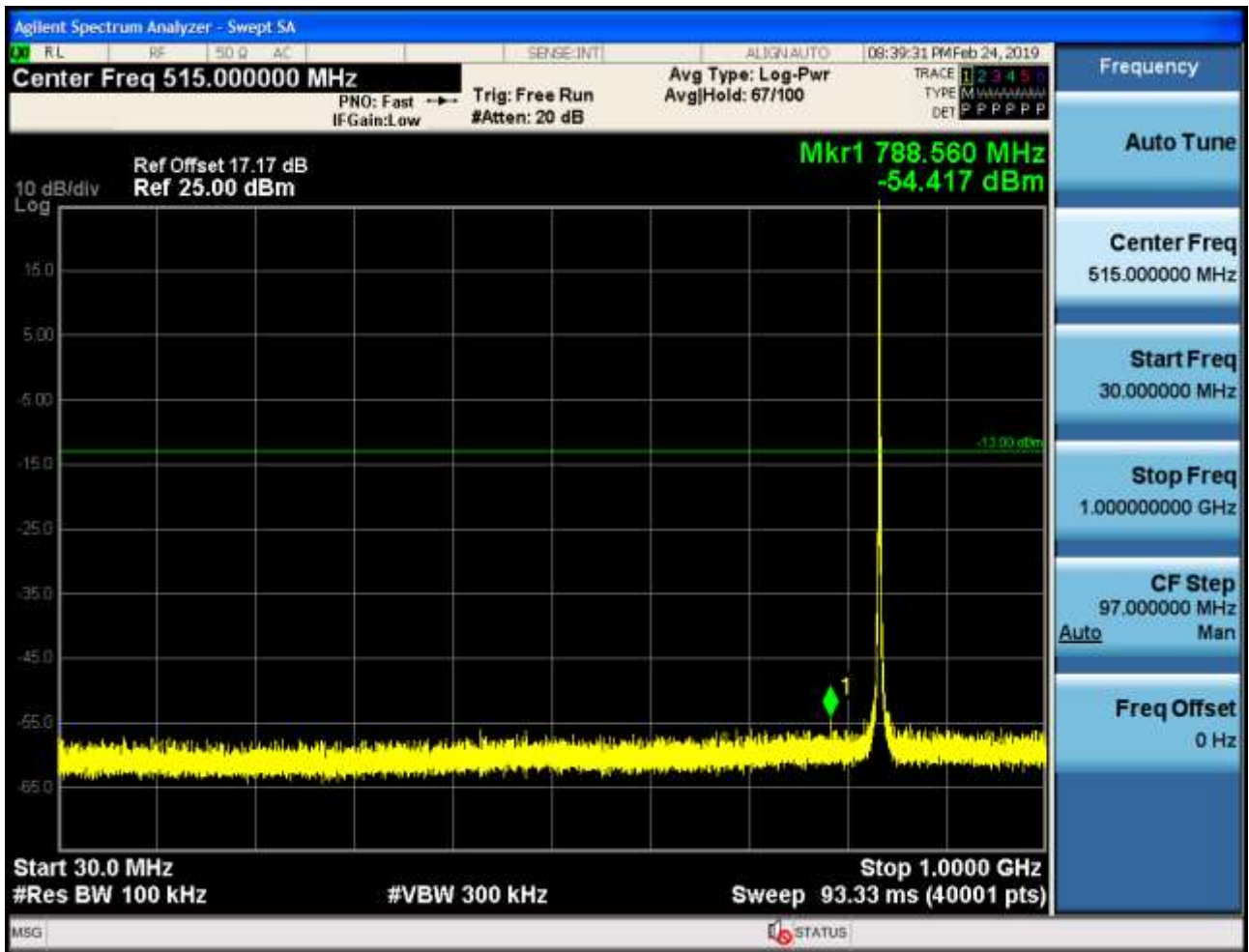


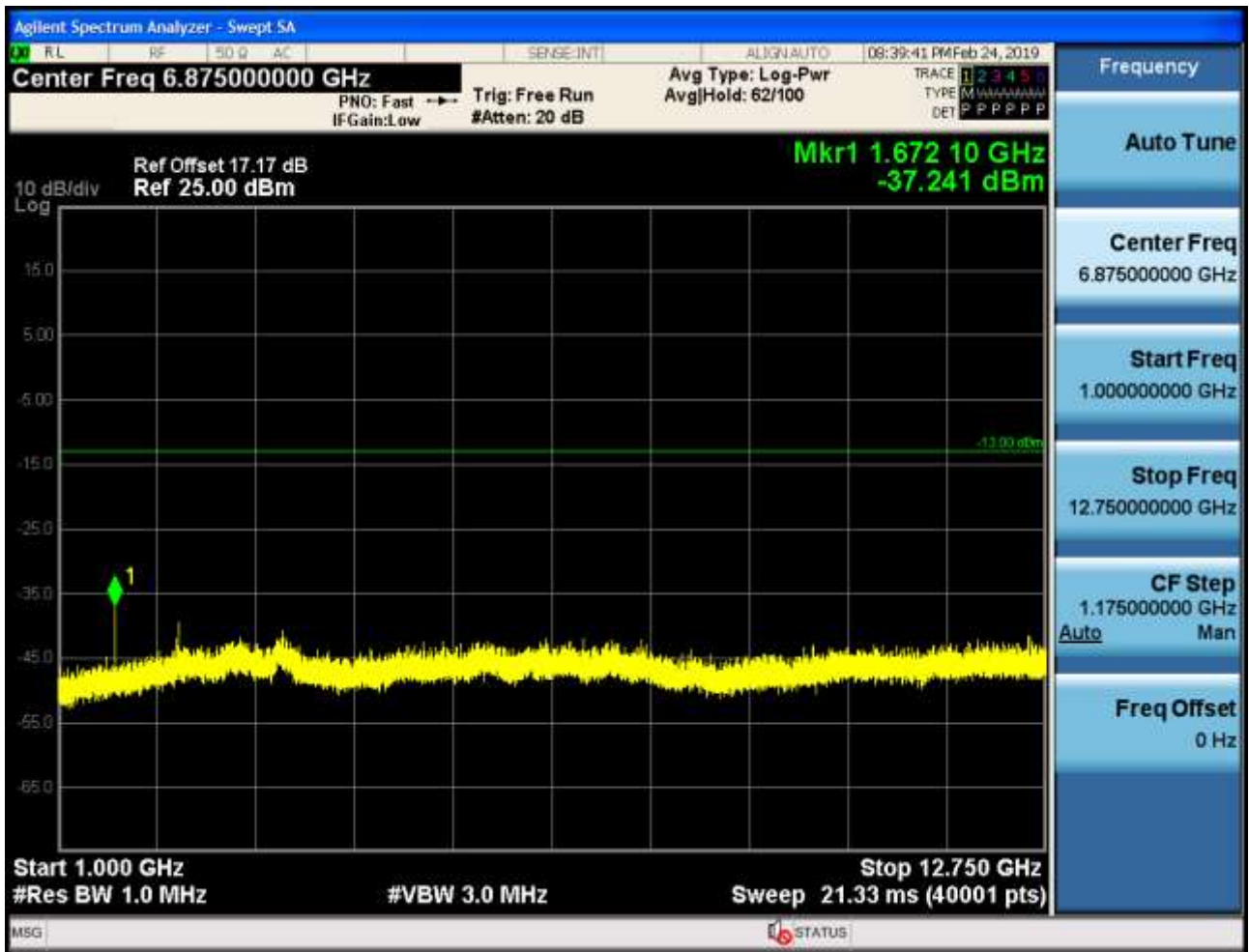
## 6.1.1.1.1.2 Test Channel = MCH

## 6.1.1.1.1.2.1 Test RB = RB1#0









## 6.1.1.1.3 Test Channel = HCH

## 6.1.1.1.3.1 Test RB = RB1#0

