



# 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	23.48	16.98	38.5	PASS
				RB1#3	23.34	16.84	38.5	PASS
				RB1#5	23.14	16.64	38.5	PASS
				RB3#0	23.33	16.83	38.5	PASS
				RB3#2	23.19	16.69	38.5	PASS
				RB3#3	23.17	16.67	38.5	PASS
				RB6#0	22.25	15.75	38.5	PASS
			MCH	RB1#0	23.42	16.92	38.5	PASS
				RB1#3	23.45	16.95	38.5	PASS
				RB1#5	23.66	17.16	38.5	PASS
				RB3#0	23.35	16.85	38.5	PASS
				RB3#2	23.38	16.88	38.5	PASS
				RB3#3	23.58	17.08	38.5	PASS
				RB6#0	22.43	15.93	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.20	16.70	38.5	PASS
				RB1#3	23.18	16.68	38.5	PASS
				RB1#5	23.26	16.76	38.5	PASS
				RB3#0	23.11	16.61	38.5	PASS
				RB3#2	23.12	16.62	38.5	PASS
				RB3#3	23.12	16.62	38.5	PASS
				RB6#0	22.15	15.65	38.5	PASS
		3	LCH	RB1#0	23.40	16.90	38.5	PASS
				RB1#7	23.10	16.60	38.5	PASS
				RB1#14	23.14	16.64	38.5	PASS
				RB8#0	22.22	15.72	38.5	PASS
				RB8#4	22.20	15.70	38.5	PASS
				RB8#7	22.41	15.91	38.5	PASS
				RB15#0	22.20	15.70	38.5	PASS
			MCH	RB1#0	23.18	16.68	38.5	PASS
				RB1#7	23.32	16.82	38.5	PASS
				RB1#14	23.35	16.85	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB8#0	22.58	16.08	38.5	PASS	
				RB8#4	22.48	15.98	38.5	PASS	
				RB8#7	22.48	15.98	38.5	PASS	
				RB15#0	22.47	15.97	38.5	PASS	
			HCH	RB1#0	23.18	16.68	38.5	PASS	
				RB1#7	23.18	16.68	38.5	PASS	
				RB1#14	23.12	16.62	38.5	PASS	
				RB8#0	22.18	15.68	38.5	PASS	
				RB8#4	22.41	15.91	38.5	PASS	
				RB8#7	22.38	15.88	38.5	PASS	
				RB15#0	22.16	15.66	38.5	PASS	
				5	LCH	RB1#0	23.41	16.91	38.5
			RB1#13			23.37	16.87	38.5	PASS
			RB1#24			23.26	16.76	38.5	PASS
		RB12#0	22.31			15.81	38.5	PASS	
		RB12#6	22.43			15.93	38.5	PASS	
		RB12#13	22.42			15.92	38.5	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.35	15.85	38.5	PASS
			MCH	RB1#0	23.25	16.75	38.5	PASS
				RB1#13	23.54	17.04	38.5	PASS
				RB1#24	23.29	16.79	38.5	PASS
				RB12#0	22.59	16.09	38.5	PASS
				RB12#6	22.46	15.96	38.5	PASS
				RB12#13	22.46	15.96	38.5	PASS
				RB25#0	22.45	15.95	38.5	PASS
				HCH	RB1#0	23.18	16.68	38.5
			RB1#13		23.33	16.83	38.5	PASS
			RB1#24		23.25	16.75	38.5	PASS
			RB12#0		22.31	15.81	38.5	PASS
			RB12#6		22.40	15.90	38.5	PASS
			RB12#13		22.33	15.83	38.5	PASS
			RB25#0		22.24	15.74	38.5	PASS
		10	LCH	RB1#0	23.26	16.76	38.5	PASS
				RB1#25	23.17	16.67	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	23.23	16.73	38.5	PASS
				RB25#0	22.46	15.96	38.5	PASS
				RB25#13	22.24	15.74	38.5	PASS
				RB25#25	22.27	15.77	38.5	PASS
				RB50#0	22.34	15.84	38.5	PASS
			MCH	RB1#0	23.16	16.66	38.5	PASS
				RB1#25	23.33	16.83	38.5	PASS
				RB1#49	23.24	16.74	38.5	PASS
				RB25#0	22.23	15.73	38.5	PASS
				RB25#13	22.20	15.70	38.5	PASS
				RB25#25	22.45	15.95	38.5	PASS
				RB50#0	22.46	15.96	38.5	PASS
			HCH	RB1#0	23.08	16.58	38.5	PASS
				RB1#25	23.11	16.61	38.5	PASS
				RB1#49	23.36	16.86	38.5	PASS
				RB25#0	22.41	15.91	38.5	PASS
				RB25#13	22.21	15.71	38.5	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.13	15.63	38.5	PASS
				RB50#0	22.25	15.75	38.5	PASS
	LTE/TM2	1.4	LCH	RB1#0	22.74	16.24	38.5	PASS
				RB1#3	22.60	16.10	38.5	PASS
				RB1#5	22.53	16.03	38.5	PASS
				RB3#0	22.41	15.91	38.5	PASS
				RB3#2	22.26	15.76	38.5	PASS
				RB3#3	22.19	15.69	38.5	PASS
				RB6#0	21.21	14.71	38.5	PASS
			MCH	RB1#0	22.69	16.19	38.5	PASS
				RB1#3	22.57	16.07	38.5	PASS
				RB1#5	22.67	16.17	38.5	PASS
				RB3#0	22.51	16.01	38.5	PASS
				RB3#2	22.49	15.99	38.5	PASS
				RB3#3	22.41	15.91	38.5	PASS
HCH	RB1#0	22.27	15.77	38.5	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#3	22.43	15.93	38.5	PASS
				RB1#5	22.27	15.77	38.5	PASS
				RB3#0	22.25	15.75	38.5	PASS
				RB3#2	22.23	15.73	38.5	PASS
				RB3#3	22.27	15.77	38.5	PASS
				RB6#0	21.25	14.75	38.5	PASS
		3	LCH	RB1#0	22.61	16.11	38.5	PASS
				RB1#7	22.24	15.74	38.5	PASS
				RB1#14	22.15	15.65	38.5	PASS
				RB8#0	21.21	14.71	38.5	PASS
				RB8#4	21.15	14.65	38.5	PASS
				RB8#7	21.32	14.82	38.5	PASS
				RB15#0	21.17	14.67	38.5	PASS
				MCH	RB1#0	22.81	16.31	38.5
		RB1#7	22.45		15.95	38.5	PASS	
		RB1#14	22.62		16.12	38.5	PASS	
RB8#0	21.30	14.80	38.5		PASS			





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#4	21.33	14.83	38.5	PASS
				RB8#7	21.52	15.02	38.5	PASS
				RB15#0	21.40	14.90	38.5	PASS
			HCH	RB1#0	22.77	16.27	38.5	PASS
				RB1#7	22.35	15.85	38.5	PASS
				RB1#14	22.28	15.78	38.5	PASS
				RB8#0	21.24	14.74	38.5	PASS
				RB8#4	21.17	14.67	38.5	PASS
				RB8#7	21.14	14.64	38.5	PASS
		RB15#0	21.14	14.64	38.5	PASS		
		5	LCH	RB1#0	22.69	16.19	38.5	PASS
				RB1#13	22.71	16.21	38.5	PASS
				RB1#24	22.54	16.04	38.5	PASS
				RB12#0	21.22	14.72	38.5	PASS
				RB12#6	21.47	14.97	38.5	PASS
RB12#13	21.55			15.05	38.5	PASS		
RB25#0	21.37			14.87	38.5	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.63	16.13	38.5	PASS
				RB1#13	22.66	16.16	38.5	PASS
				RB1#24	22.38	15.88	38.5	PASS
				RB12#0	21.56	15.06	38.5	PASS
				RB12#6	21.46	14.96	38.5	PASS
				RB12#13	21.52	15.02	38.5	PASS
				RB25#0	21.41	14.91	38.5	PASS
			HCH	RB1#0	22.47	15.97	38.5	PASS
				RB1#13	22.67	16.17	38.5	PASS
				RB1#24	22.58	16.08	38.5	PASS
				RB12#0	21.38	14.88	38.5	PASS
				RB12#6	21.40	14.90	38.5	PASS
				RB12#13	21.40	14.90	38.5	PASS
				RB25#0	21.22	14.72	38.5	PASS
		10	LCH	RB1#0	22.58	16.08	38.5	PASS
RB1#25	22.52			16.02	38.5	PASS		
RB1#49	22.52			16.02	38.5	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.44	14.94	38.5	PASS
				RB25#13	21.20	14.70	38.5	PASS
				RB25#25	21.26	14.76	38.5	PASS
				RB50#0	21.32	14.82	38.5	PASS
			MCH	RB1#0	22.58	16.08	38.5	PASS
				RB1#25	22.31	15.81	38.5	PASS
				RB1#49	22.44	15.94	38.5	PASS
				RB25#0	21.22	14.72	38.5	PASS
				RB25#13	21.18	14.68	38.5	PASS
				RB25#25	21.44	14.94	38.5	PASS
				RB50#0	21.40	14.90	38.5	PASS
			HCH	RB1#0	22.75	16.25	38.5	PASS
				RB1#25	22.70	16.20	38.5	PASS
				RB1#49	22.76	16.26	38.5	PASS
				RB25#0	21.33	14.83	38.5	PASS
				RB25#13	21.14	14.64	38.5	PASS
				RB25#25	21.32	14.82	38.5	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.23	14.73	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	4.74	13	PASS
				RB1#3	4.77	13	PASS
				RB1#5	4.76	13	PASS
				RB3#0	6.17	13	PASS
				RB3#2	6.14	13	PASS
				RB3#3	5.94	13	PASS
				RB6#0	6.44	13	PASS
			MCH	RB1#0	5.33	13	PASS
				RB1#3	6.01	13	PASS
				RB1#5	5.99	13	PASS
				RB3#0	6.09	13	PASS
				RB3#2	5.73	13	PASS
				RB3#3	5.94	13	PASS
				RB6#0	5.98	13	PASS
			HCH	RB1#0	5.56	13	PASS
				RB1#3	5.35	13	PASS
				RB1#5	5.84	13	PASS
				RB3#0	6.03	13	PASS
		RB3#2		6.11	13	PASS	
		RB3#3		6.03	13	PASS	
		3	LCH	RB1#0	5.73	13	PASS
				RB1#7	5.32	13	PASS
				RB1#14	5.07	13	PASS
				RB8#0	5.90	13	PASS
RB8#4	5.84			13	PASS		
RB8#7	5.93			13	PASS		
MCH	RB15#0		6.08	13	PASS		
	RB1#0		5.13	13	PASS		
	RB1#7		5.35	13	PASS		
	RB1#14		5.42	13	PASS		
	RB8#0		6.05	13	PASS		
	RB8#4		6.00	13	PASS		
			RB8#7	5.98	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	6.26	13	PASS
				RB1#0	5.39	13	PASS
				RB1#7	5.64	13	PASS
				RB1#14	5.62	13	PASS
				RB8#0	6.00	13	PASS
				RB8#4	6.02	13	PASS
				RB8#7	6.03	13	PASS
				RB15#0	5.98	13	PASS
		5	LCH	RB1#0	5.80	13	PASS
				RB1#13	5.46	13	PASS
				RB1#24	5.38	13	PASS
				RB12#0	6.00	13	PASS
				RB12#6	6.33	13	PASS
				RB12#13	6.14	13	PASS
				RB25#0	6.43	13	PASS
			MCH	RB1#0	5.92	13	PASS
				RB1#13	5.88	13	PASS
				RB1#24	6.01	13	PASS
				RB12#0	6.36	13	PASS
				RB12#6	6.50	13	PASS
				RB12#13	6.33	13	PASS
			HCH	RB1#0	5.49	13	PASS
				RB1#13	5.60	13	PASS
				RB1#24	5.60	13	PASS
				RB12#0	6.07	13	PASS
		RB12#6		6.20	13	PASS	
		RB12#13		6.44	13	PASS	
		RB25#0		6.17	13	PASS	
		10	LCH	RB1#0	5.89	13	PASS
				RB1#25	5.67	13	PASS
				RB1#49	5.84	13	PASS
				RB25#0	6.39	13	PASS
				RB25#13	6.40	13	PASS
RB25#25	6.52			13	PASS		
RB50#0	6.54		13	PASS			
MCH	RB1#0		5.92	13	PASS		
	RB1#25		6.04	13	PASS		
	RB1#49	6.02	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
	LTE/TM2	1.4	HCH	RB25#0	6.51	13	PASS
				RB25#13	6.29	13	PASS
				RB25#25	6.44	13	PASS
				RB50#0	6.40	13	PASS
			HCH	RB1#0	5.46	13	PASS
				RB1#25	5.47	13	PASS
				RB1#49	5.43	13	PASS
				RB25#0	6.59	13	PASS
				RB25#13	6.57	13	PASS
				RB25#25	6.56	13	PASS
			LCH	RB50#0	6.48	13	PASS
				RB1#0	6.69	13	PASS
				RB1#3	6.79	13	PASS
				RB1#5	6.82	13	PASS
	RB3#0	6.86		13	PASS		
	RB3#2	6.85		13	PASS		
	RB3#3	6.78		13	PASS		
	MCH	RB6#0	6.77	13	PASS		
		RB1#0	6.52	13	PASS		
		RB1#3	6.35	13	PASS		
		RB1#5	6.42	13	PASS		
		RB3#0	6.82	13	PASS		
		RB3#2	6.87	13	PASS		
		RB3#3	7.03	13	PASS		
	HCH	RB6#0	6.86	13	PASS		
		RB1#0	6.22	13	PASS		
		RB1#3	6.19	13	PASS		
		RB1#5	5.82	13	PASS		
		RB3#0	6.75	13	PASS		
		RB3#2	6.84	13	PASS		
RB3#3		6.78	13	PASS			
LCH	RB6#0	6.89	13	PASS			
	RB1#0	5.85	13	PASS			
	RB1#7	5.75	13	PASS			
	RB1#14	5.94	13	PASS			
	RB8#0	7.00	13	PASS			
	RB8#4	6.89	13	PASS			
	RB8#7	6.92	13	PASS			
RB15#0	6.97	13	PASS				
		3					

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	6.74	13	PASS
				RB1#7	6.75	13	PASS
				RB1#14	7.27	13	PASS
				RB8#0	6.97	13	PASS
				RB8#4	6.89	13	PASS
				RB8#7	6.93	13	PASS
				RB15#0	6.81	13	PASS
			HCH	RB1#0	6.35	13	PASS
				RB1#7	6.31	13	PASS
				RB1#14	6.53	13	PASS
				RB8#0	6.86	13	PASS
				RB8#4	6.82	13	PASS
				RB8#7	6.91	13	PASS
				RB15#0	7.16	13	PASS
		5	LCH	RB1#0	6.32	13	PASS
				RB1#13	6.24	13	PASS
				RB1#24	6.24	13	PASS
				RB12#0	6.74	13	PASS
				RB12#6	6.76	13	PASS
				RB12#13	6.75	13	PASS
				RB25#0	7.09	13	PASS
			MCH	RB1#0	6.48	13	PASS
				RB1#13	6.48	13	PASS
				RB1#24	6.64	13	PASS
				RB12#0	6.71	13	PASS
				RB12#6	6.61	13	PASS
				RB12#13	6.69	13	PASS
				RB25#0	7.08	13	PASS
		HCH	RB1#0	6.13	13	PASS	
			RB1#13	6.18	13	PASS	
			RB1#24	6.25	13	PASS	
			RB12#0	6.81	13	PASS	
RB12#6	6.85		13	PASS			
RB12#13	6.83		13	PASS			
RB25#0	7.09		13	PASS			
10	LCH	RB1#0	6.21	13	PASS		
		RB1#25	6.20	13	PASS		
		RB1#49	6.14	13	PASS		
		RB25#0	7.05	13	PASS		





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB25#13	6.90	13	PASS			
				RB25#25	6.95	13	PASS			
				RB50#0	6.94	13	PASS			
			MCH	RB1#0	6.38	13	PASS			
				RB1#25	6.38	13	PASS			
				RB1#49	6.50	13	PASS			
				RB25#0	6.87	13	PASS			
				RB25#13	6.76	13	PASS			
				RB25#25	6.84	13	PASS			
				RB50#0	6.89	13	PASS			
			HCH	RB1#0	6.51	13	PASS			
				RB1#25	6.39	13	PASS			
				RB1#49	6.46	13	PASS			
				RB25#0	7.16	13	PASS			
				RB25#13	7.03	13	PASS			
				RB25#25	7.04	13	PASS			
							RB50#0	7.19	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

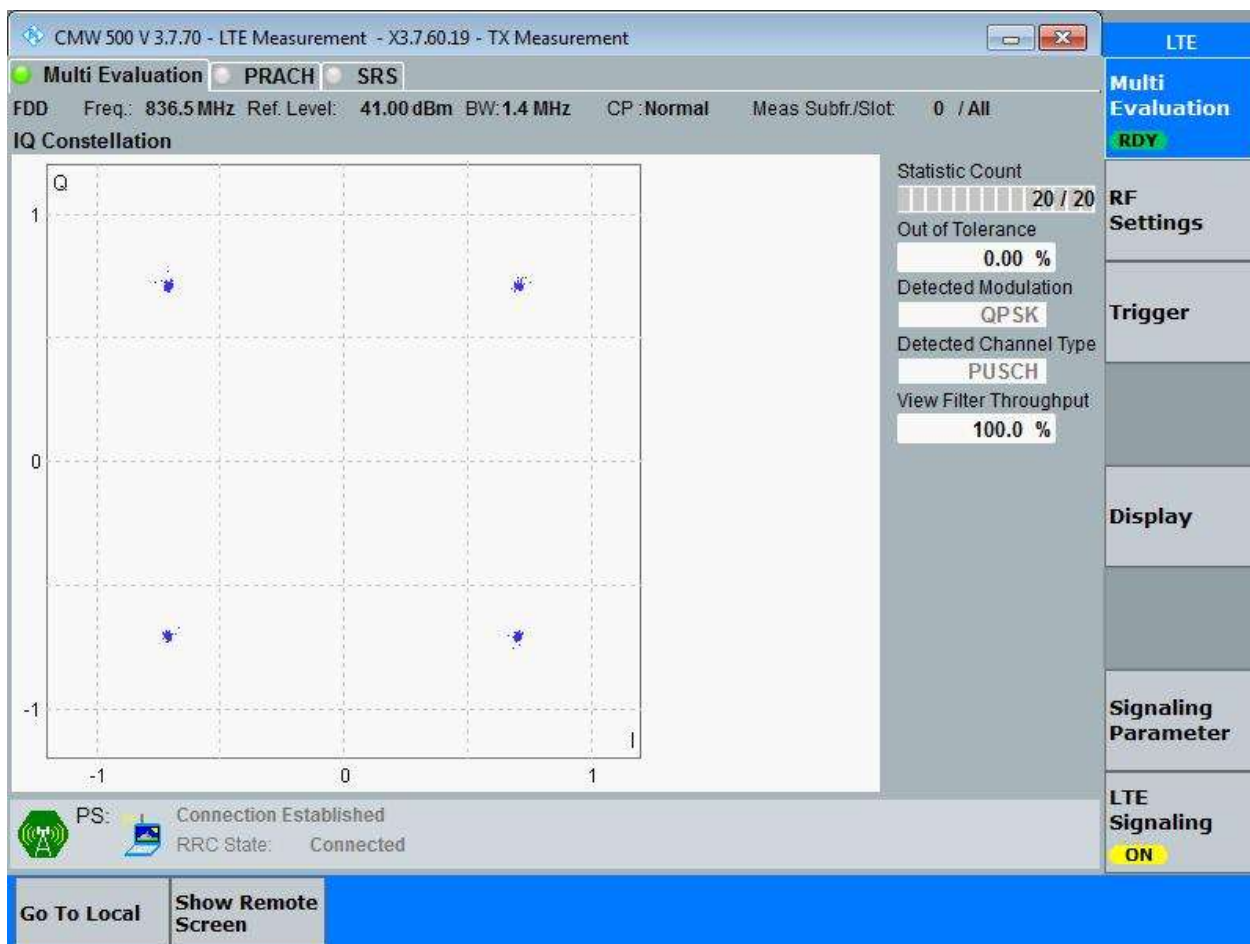
##### 3.1.1 Test Band = Band5

##### 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

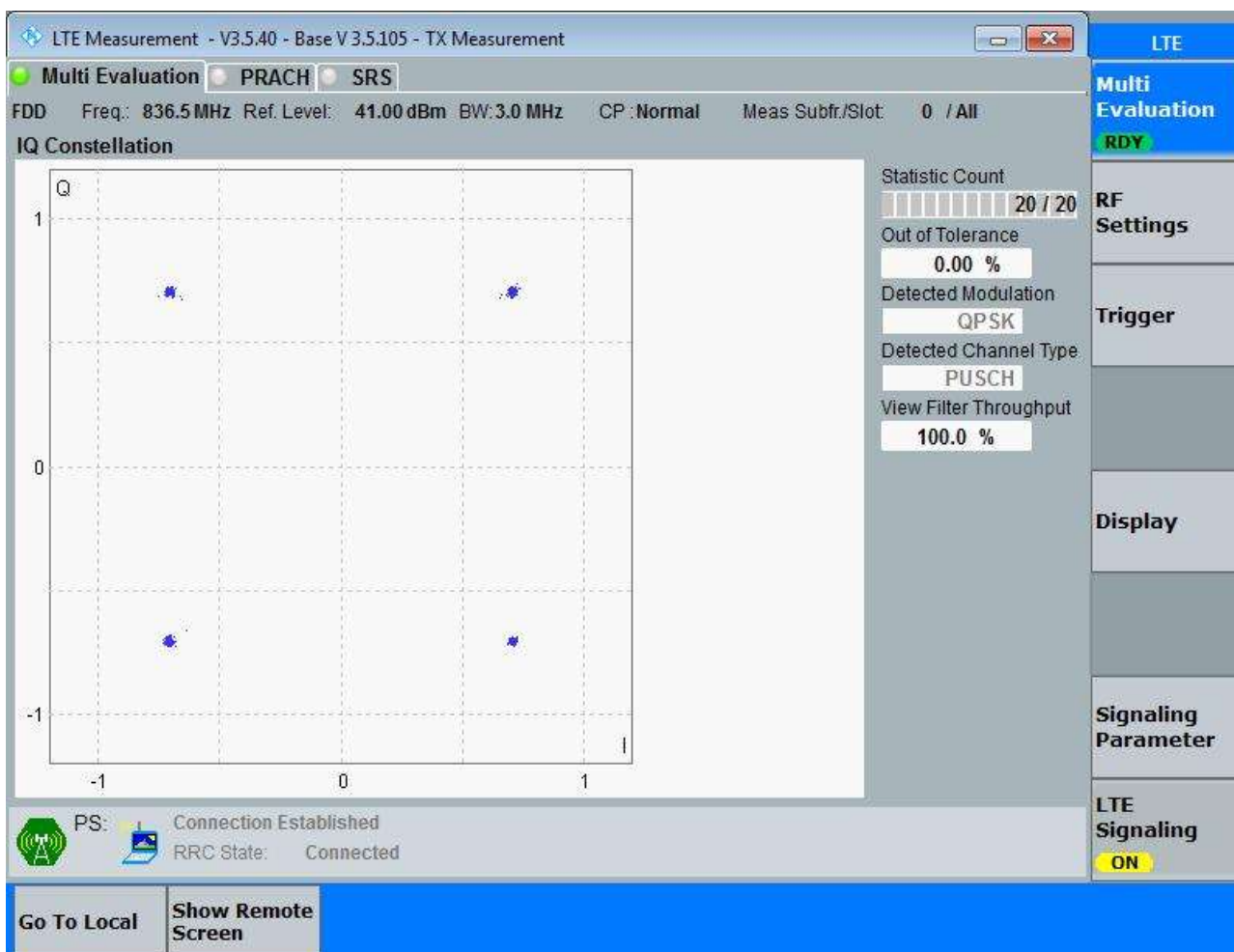
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

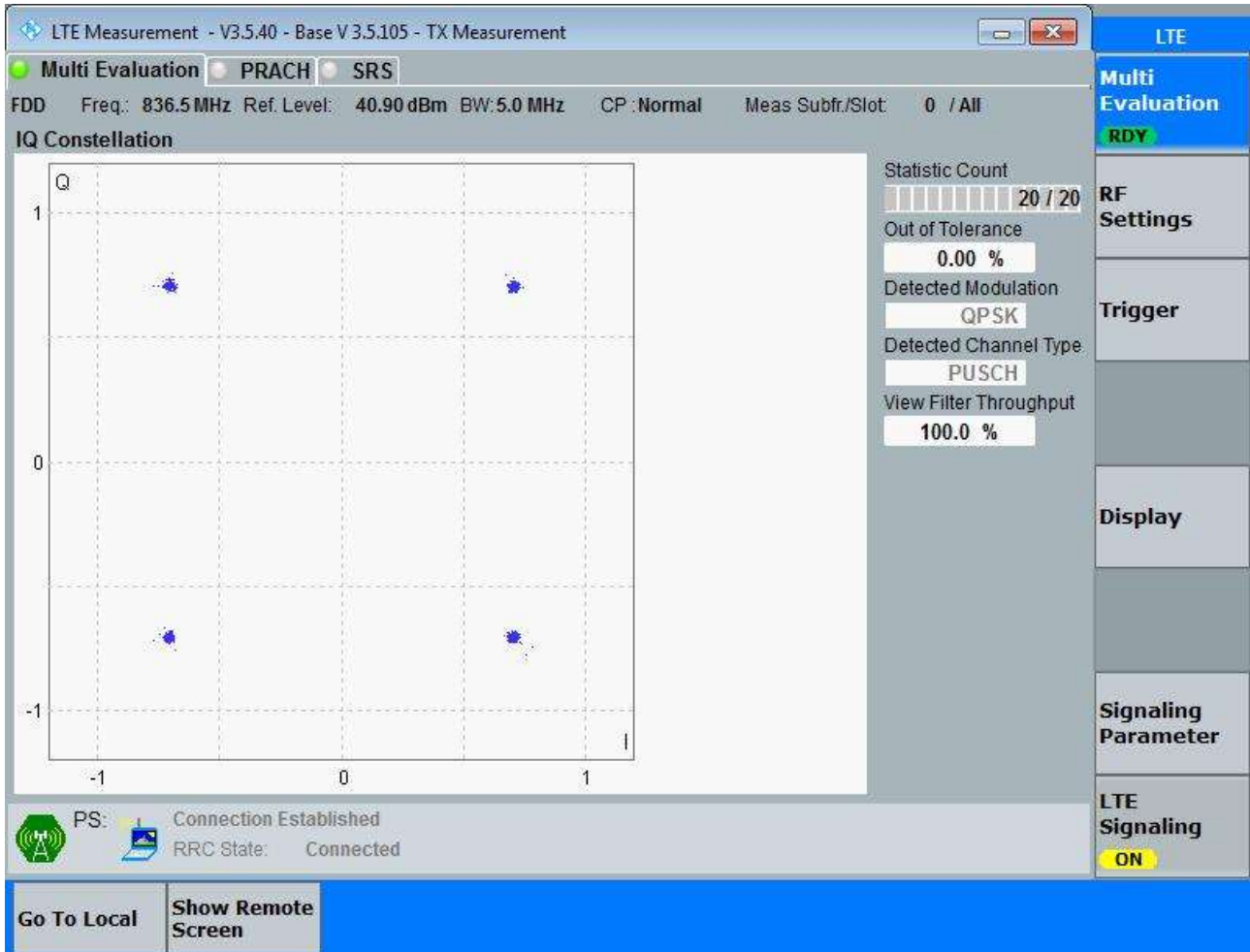
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

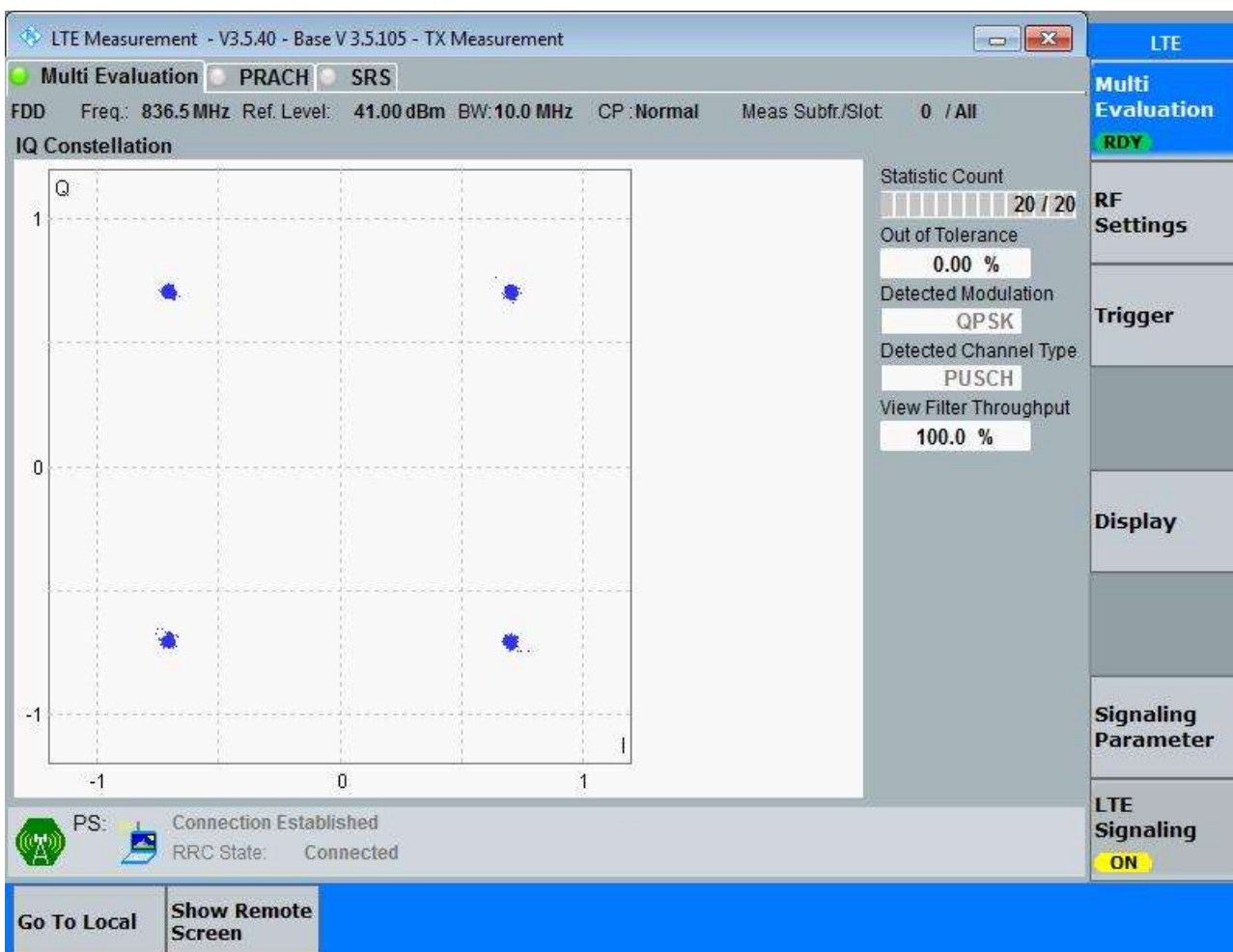
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 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

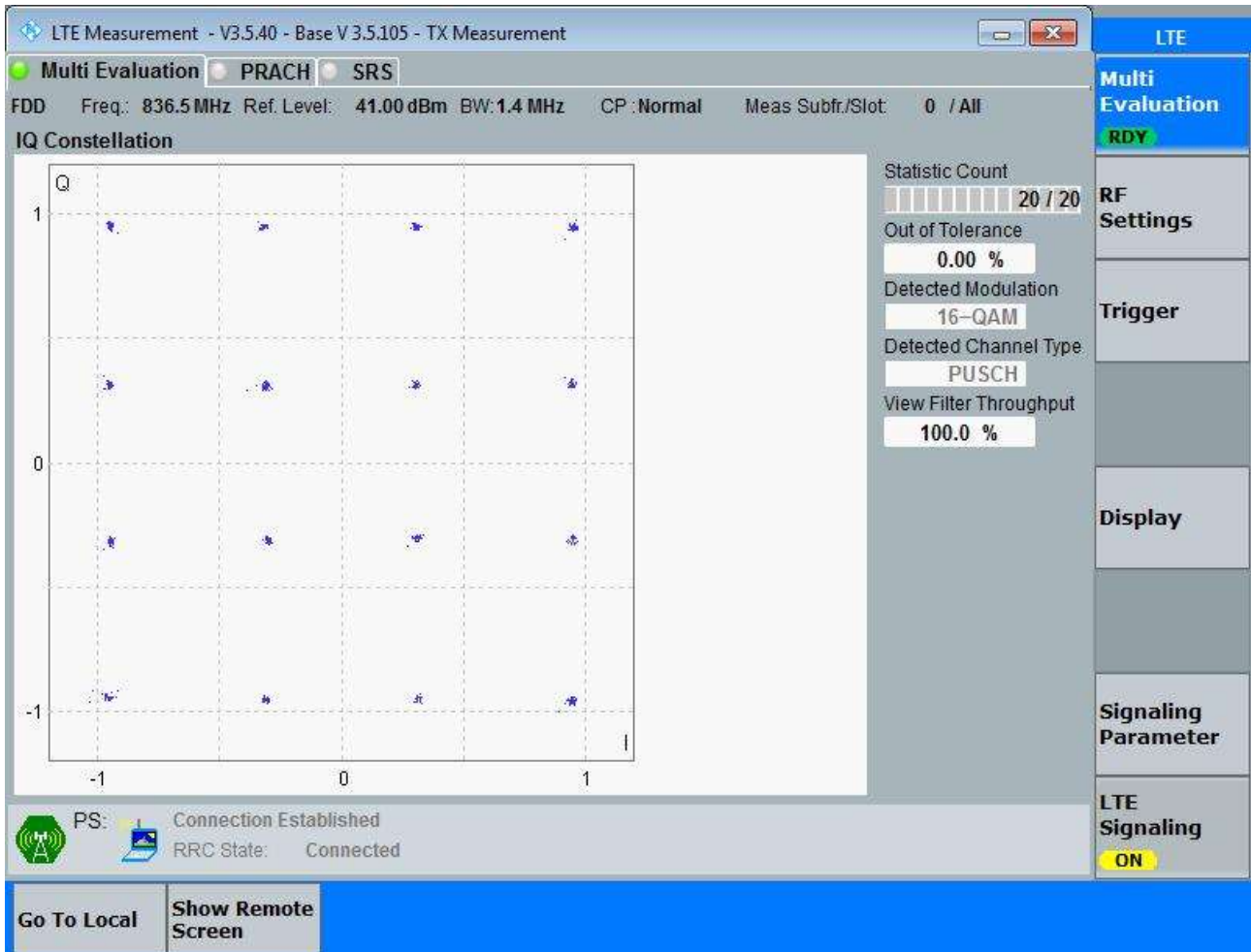


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

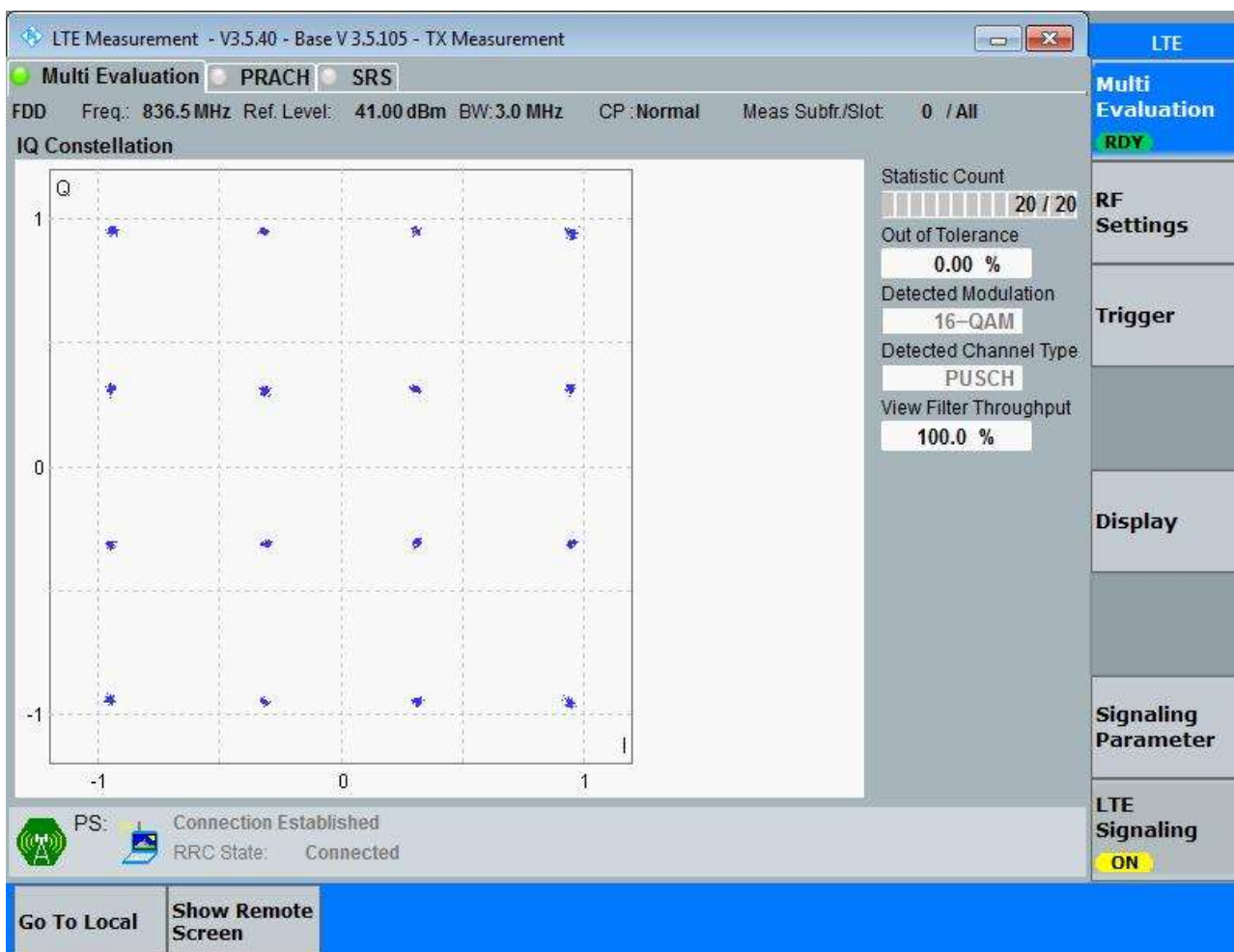
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

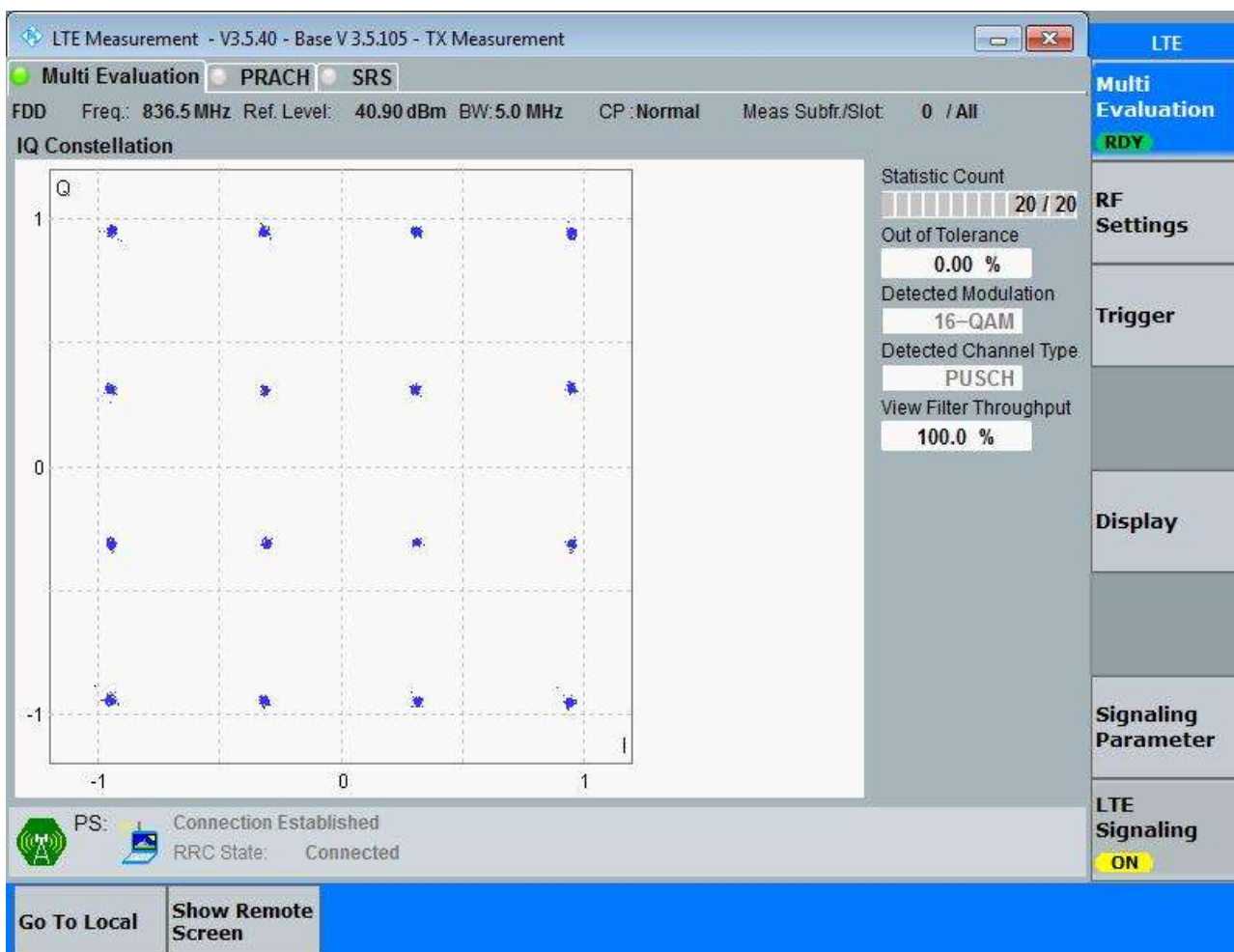
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 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

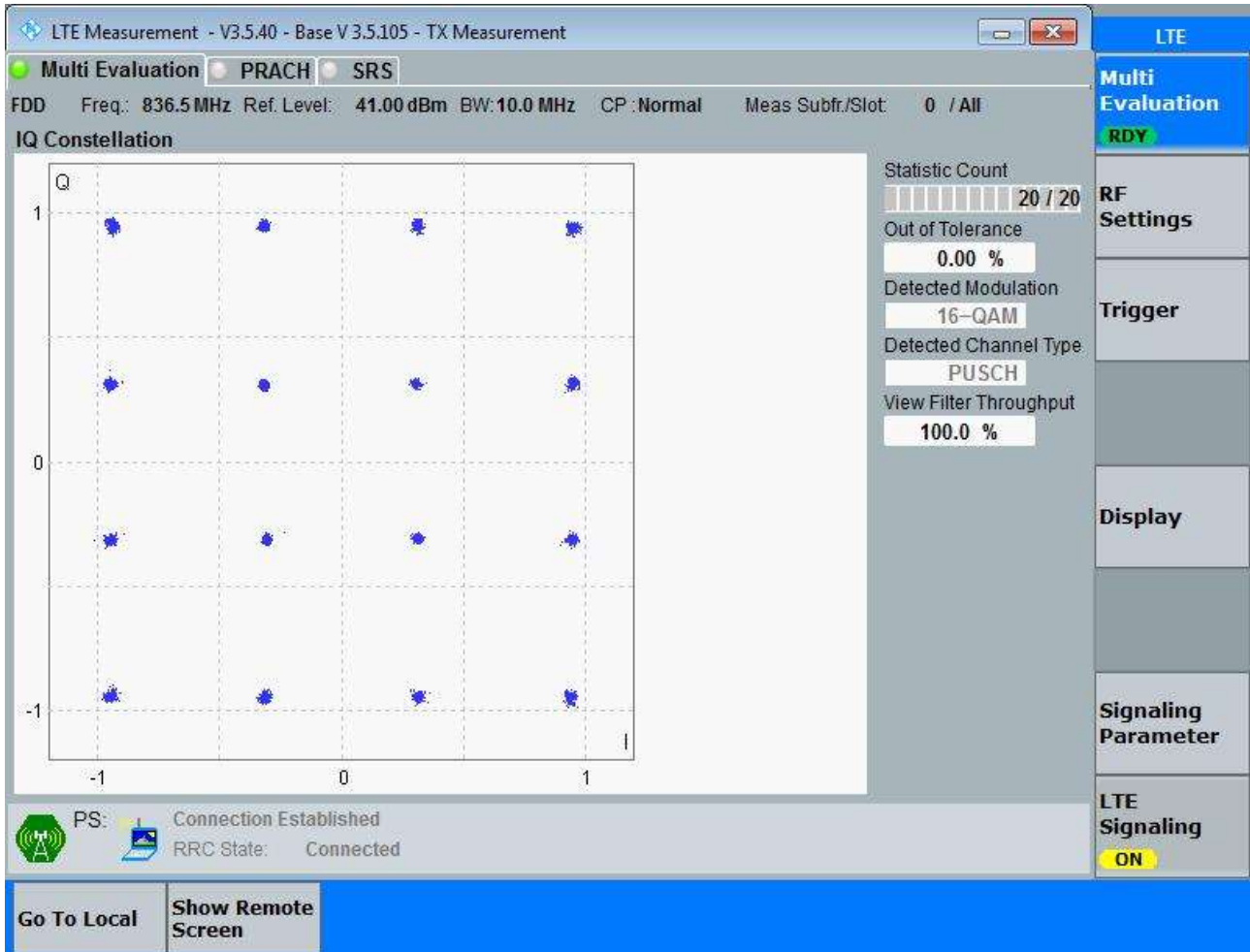




### 3.1.1.2.4 Test Bandwidth = 10

#### 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	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.52	4.93	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	9.00	9.89	Pass
			MCH	RB50#0	8.99	9.84	Pass
			HCH	RB50#0	9.02	9.90	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.23	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.71	2.96	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.94	Pass
			MCH	RB25#0	4.51	4.94	Pass
			HCH	RB25#0	4.52	4.93	Pass
		10	LCH	RB50#0	9.02	9.94	Pass
			MCH	RB50#0	9.00	9.86	Pass
			HCH	RB50#0	9.00	9.86	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



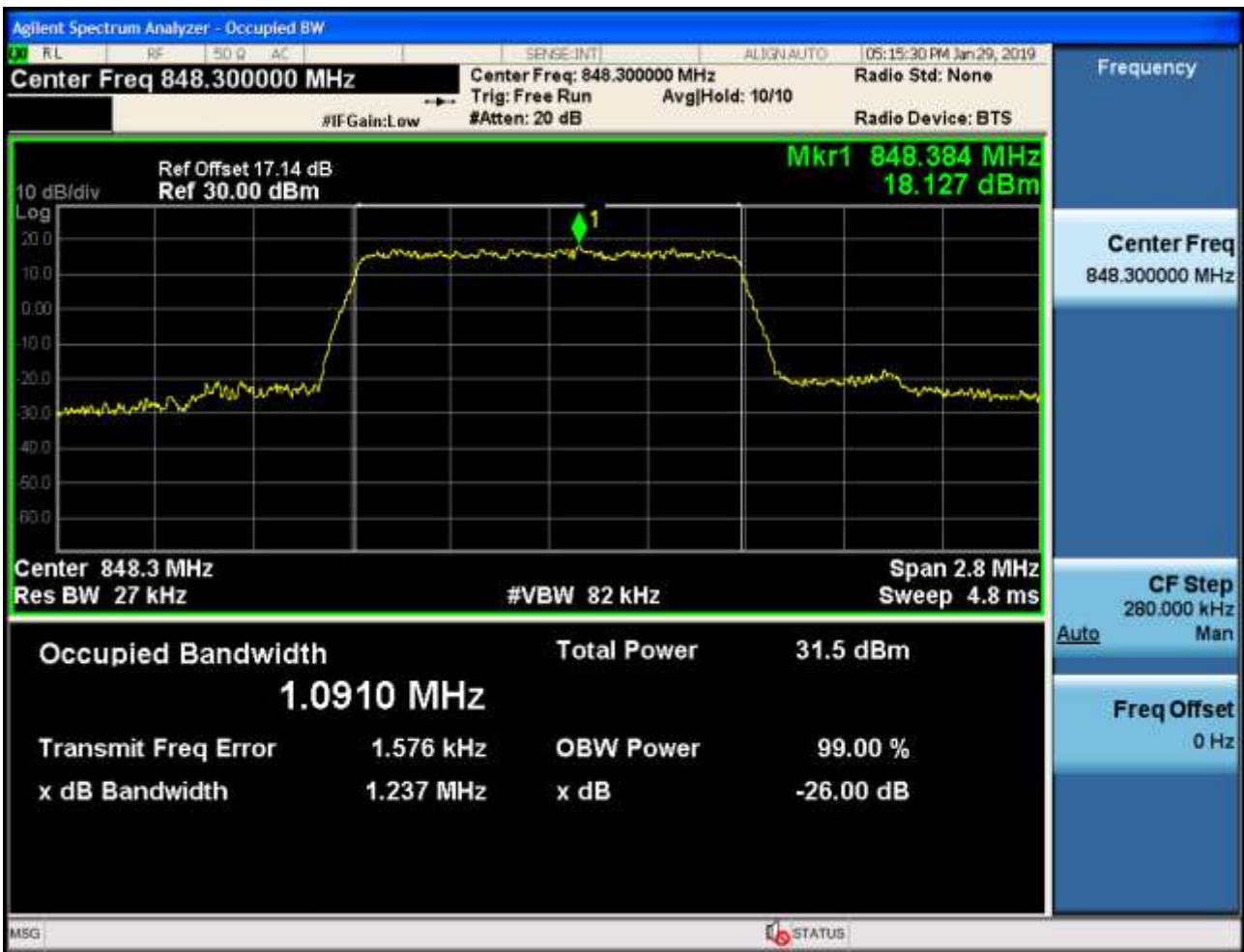
## 4.1.1.1.2 Test Channel = MCH

## 4.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0





4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



## 4.1.1.1.3.2 Test Channel = MCH

## 4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.2 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

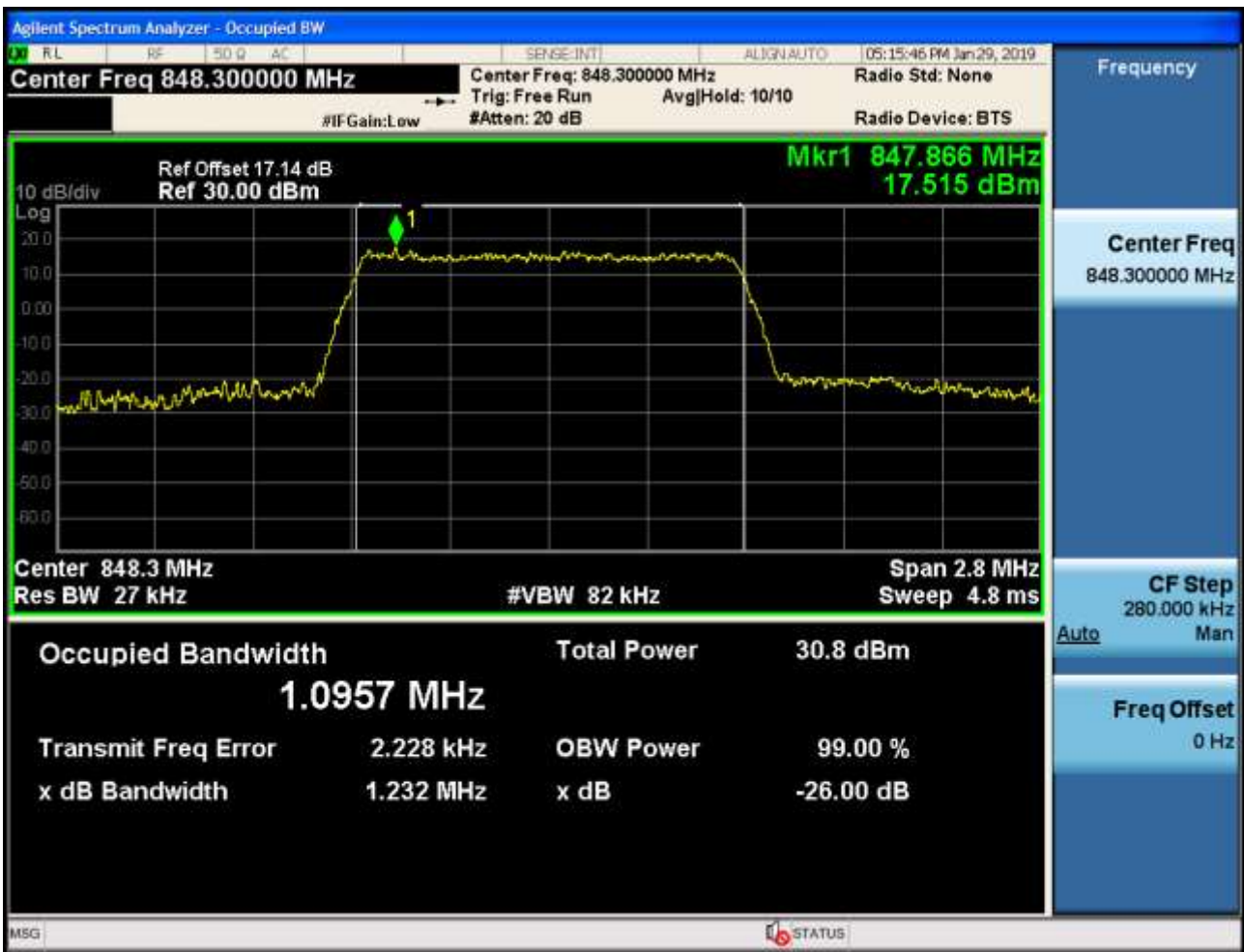
4.1.1.2.1.2.1 Test RB = RB6#0





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

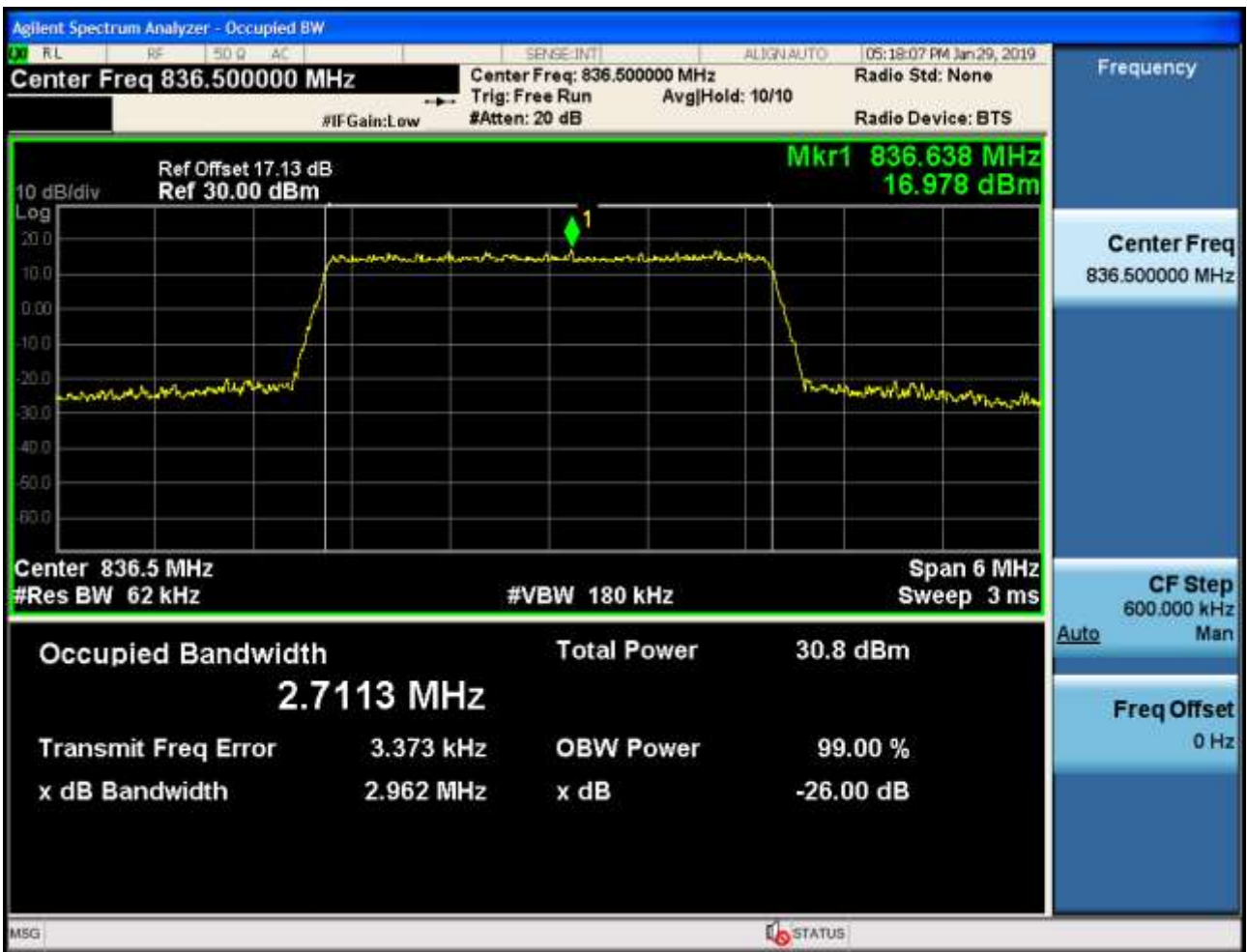
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



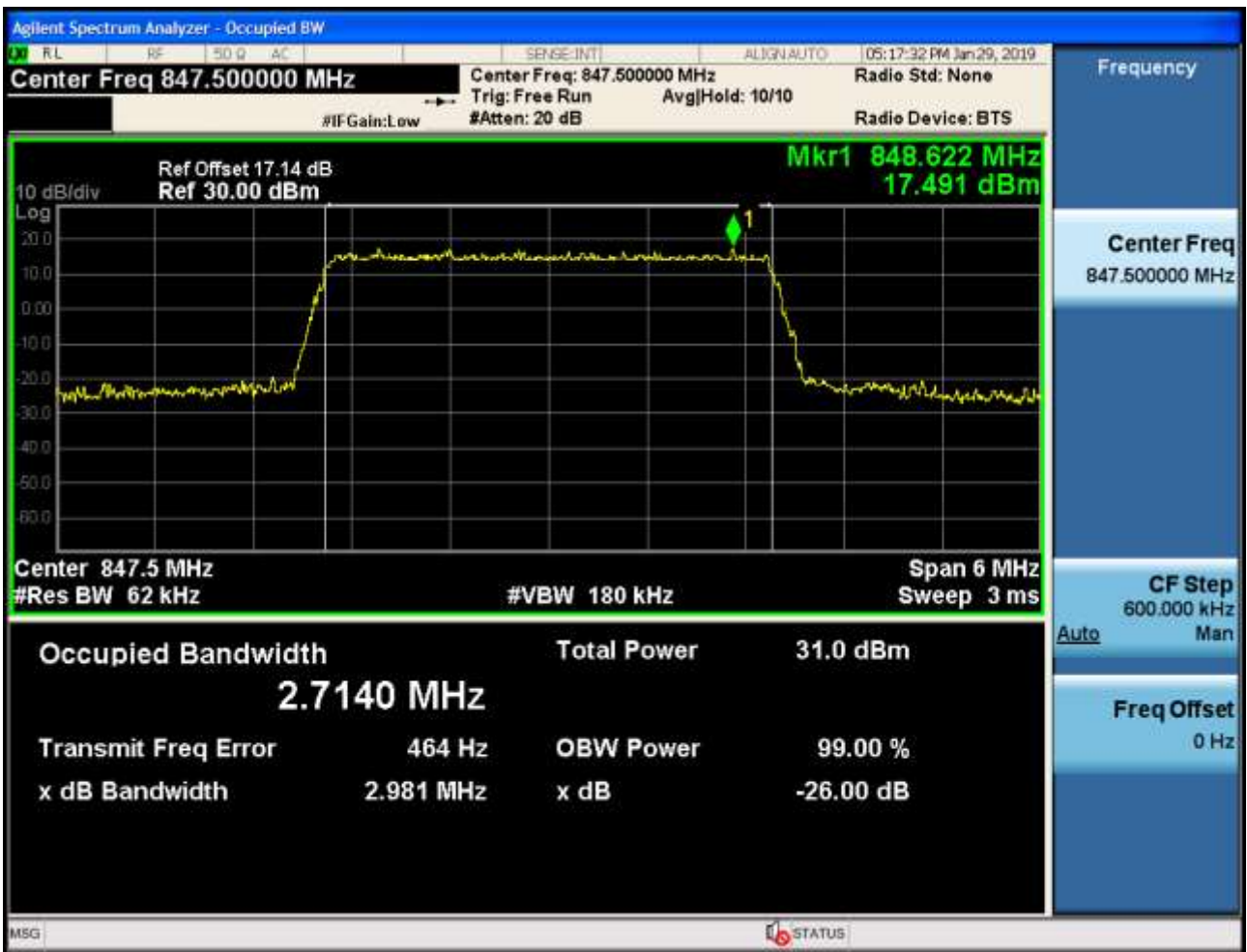
4.1.1.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



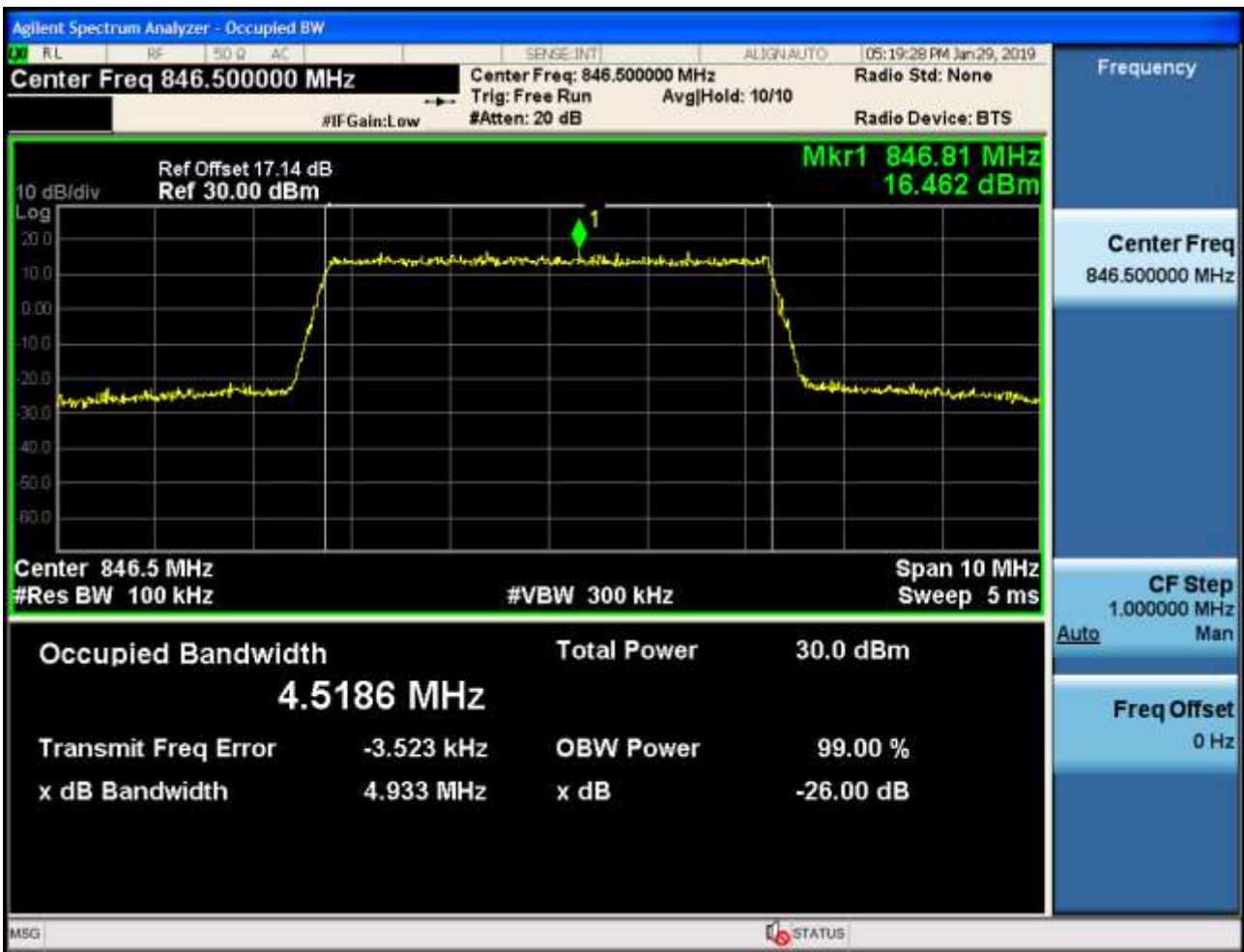
## 4.1.1.2.3.2 Test Channel = MCH

## 4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

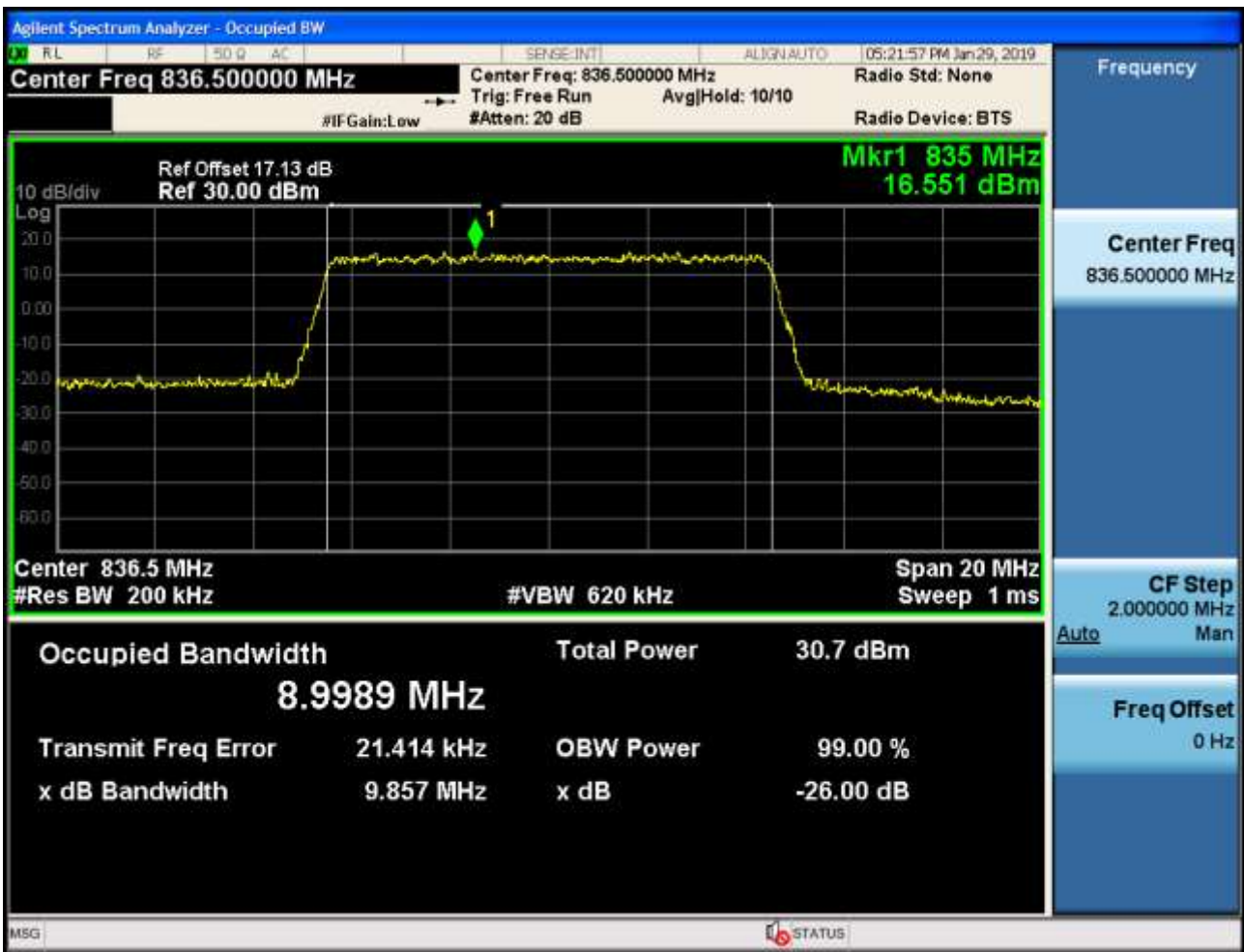
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



## 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

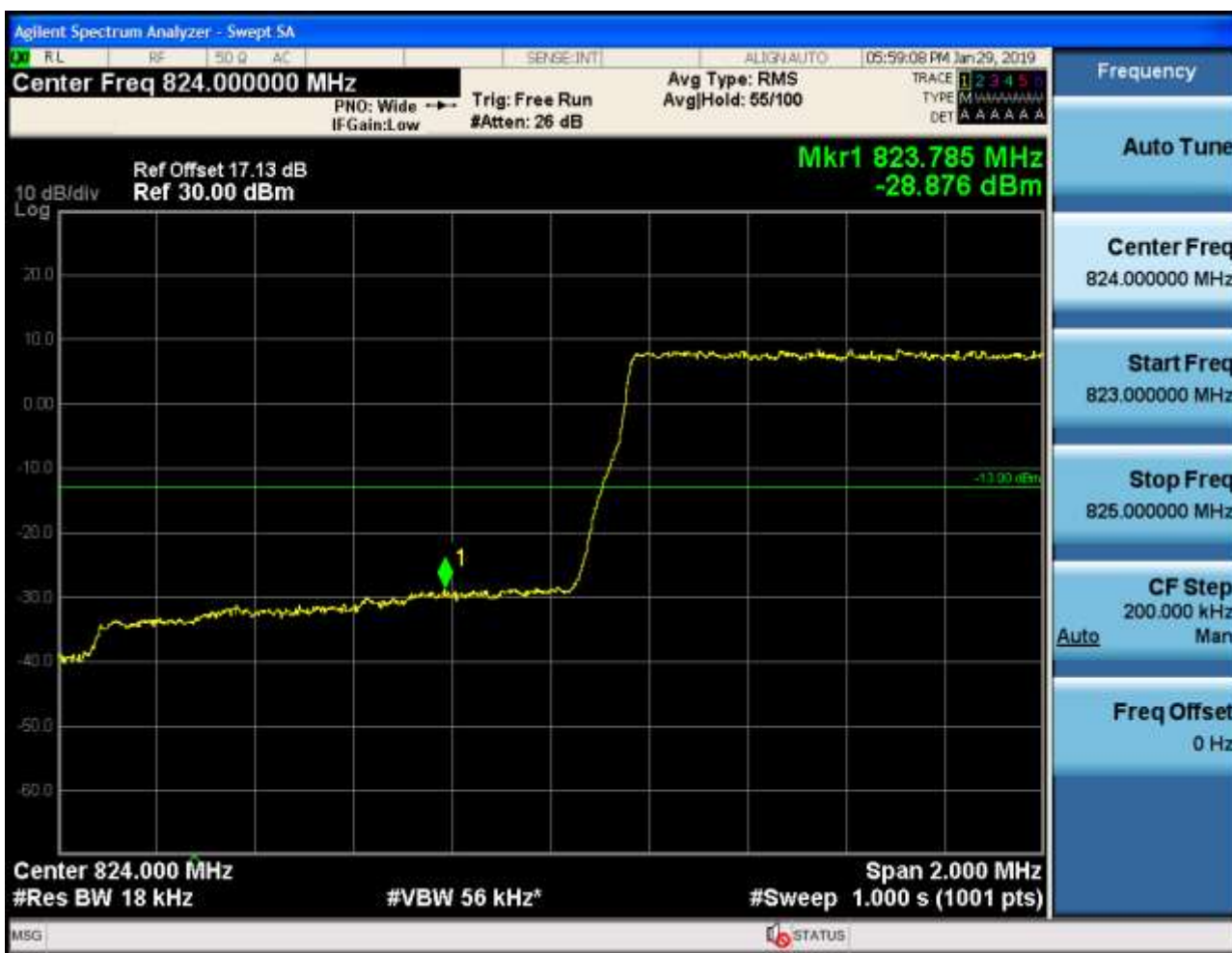


## 5.1.1.1.1.3 Test RB = RB3#2





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





## 5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.1.2.4 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 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

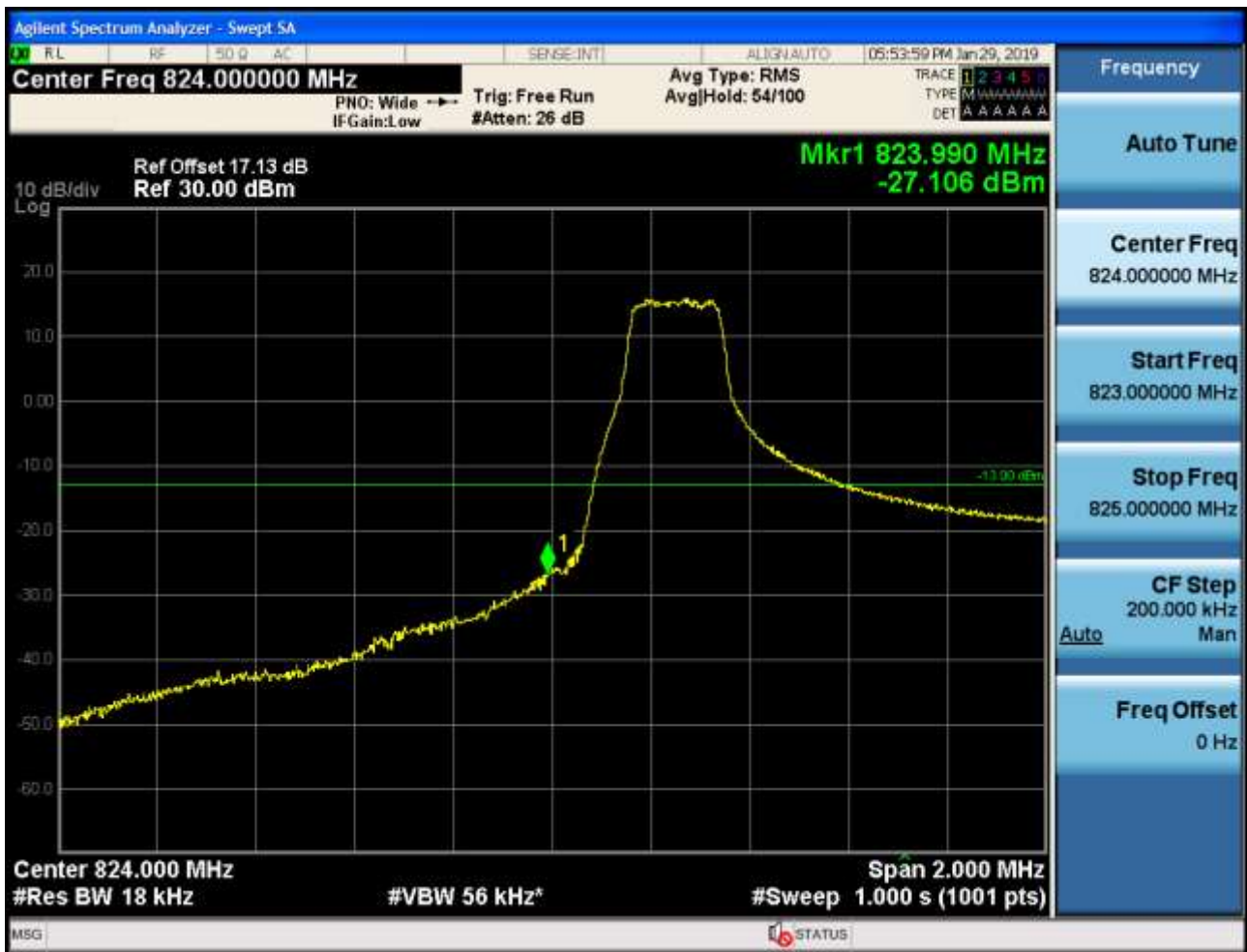


### 5.1.1.2 Test Mode = LTE/TM2

#### 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





5.1.1.2.1.1.2 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





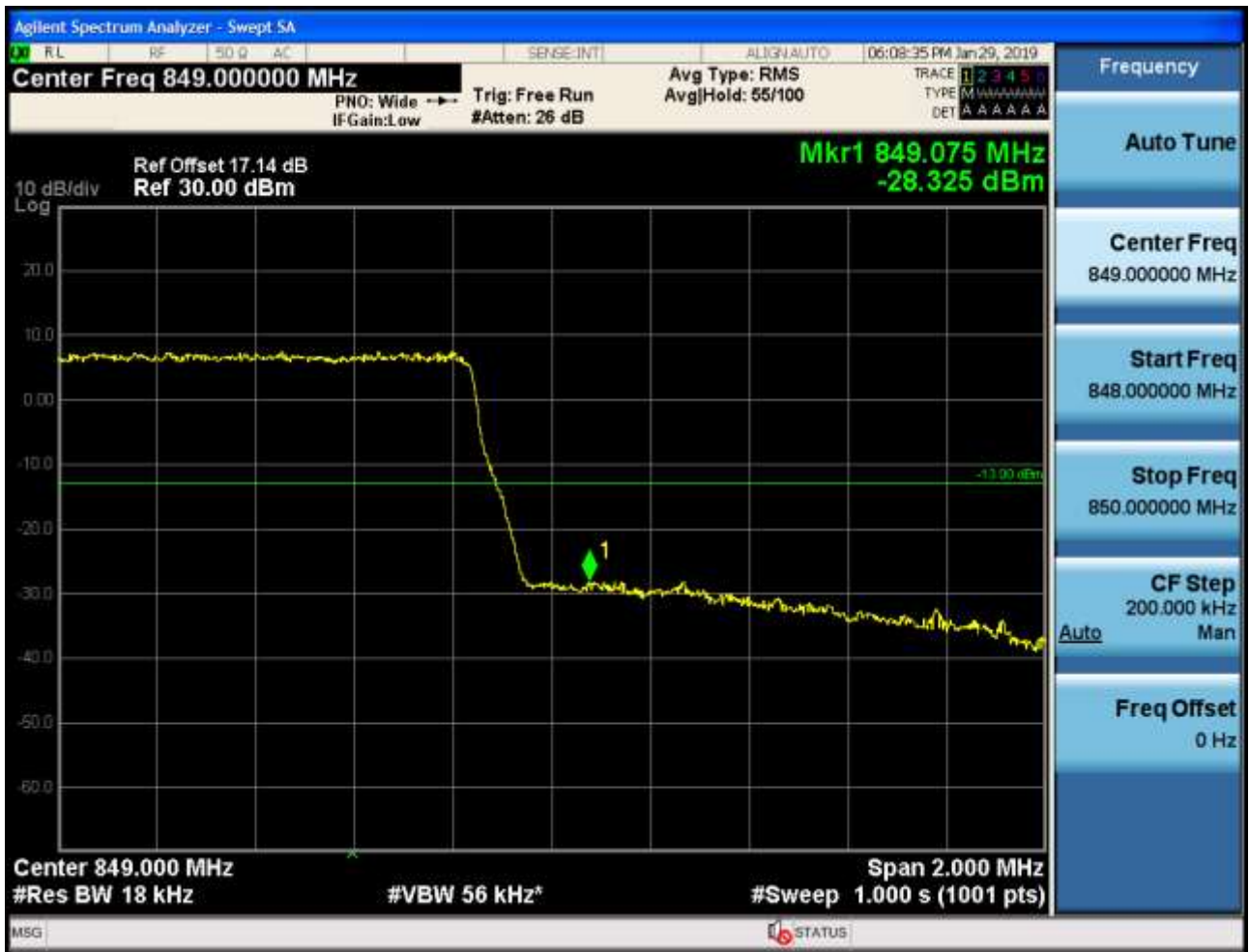


5.1.1.2.1.2.3 Test RB = RB3#2





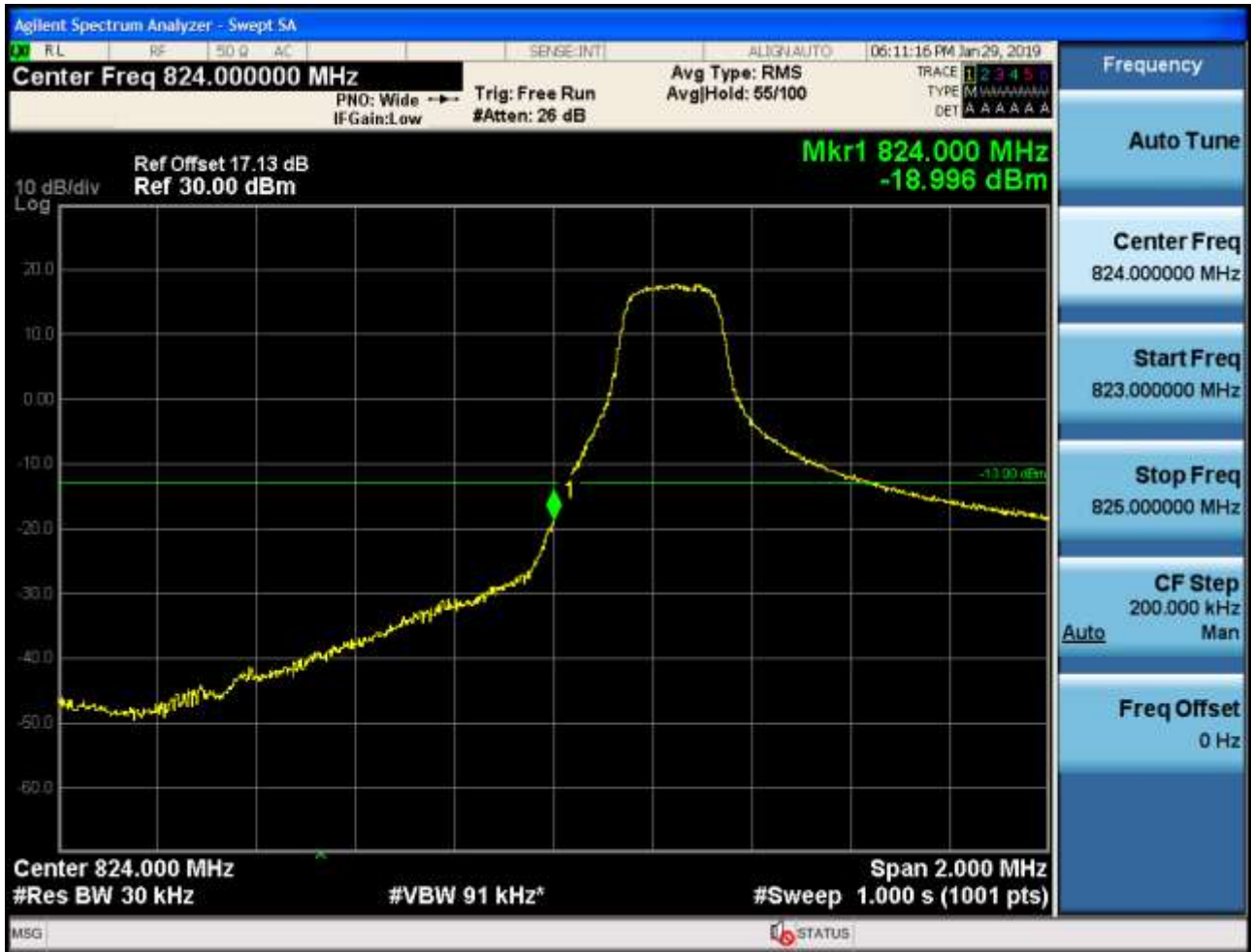
5.1.1.2.1.2.4 Test RB = RB6#0



## 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



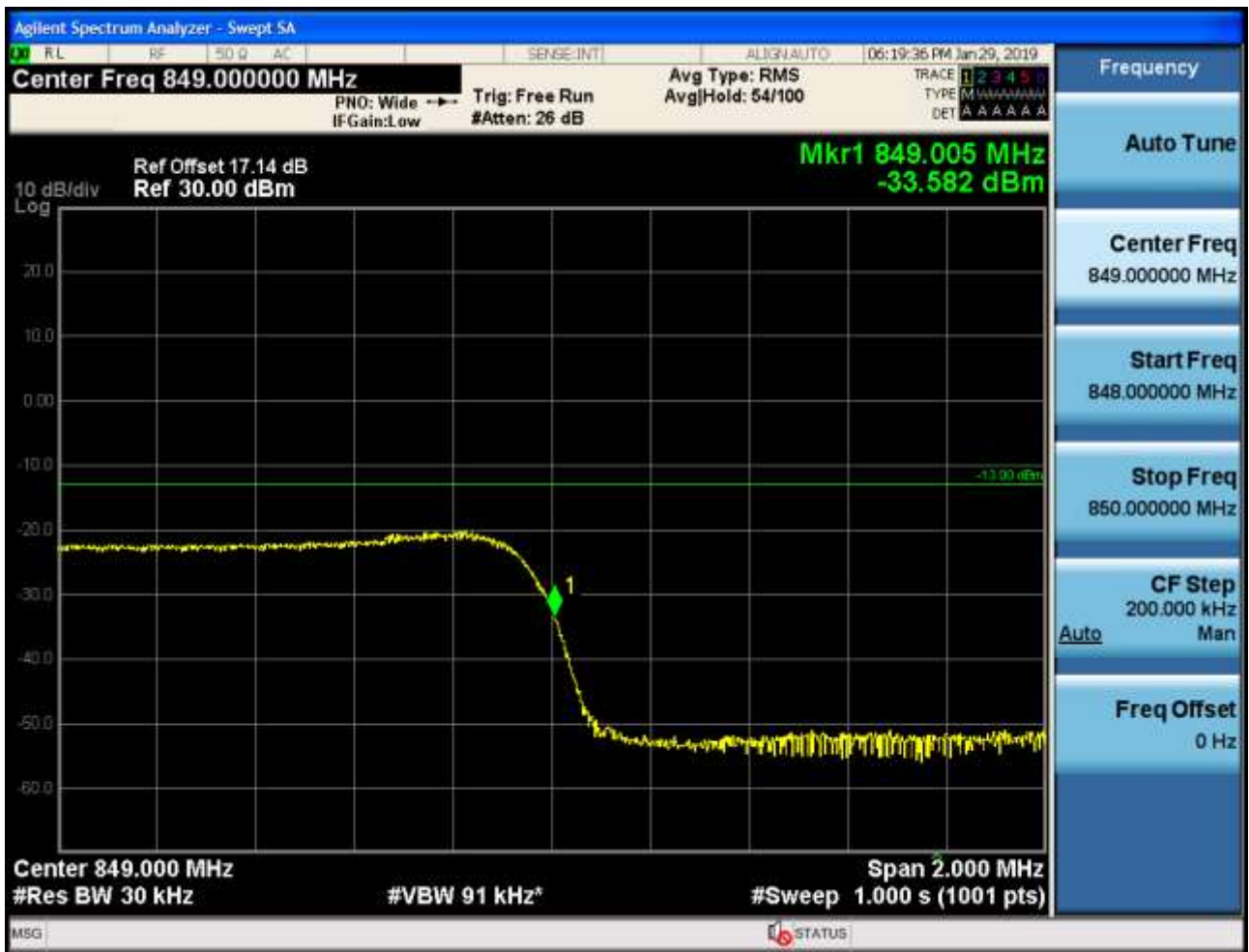
## 5.1.1.2.2.1.4 Test RB = RB15#0





5.1.1.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB = RB1#0



5.1.1.2.2.2 Test RB = RB1#14







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





5.1.1.2.3.2.2 Test RB = RB1#24







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

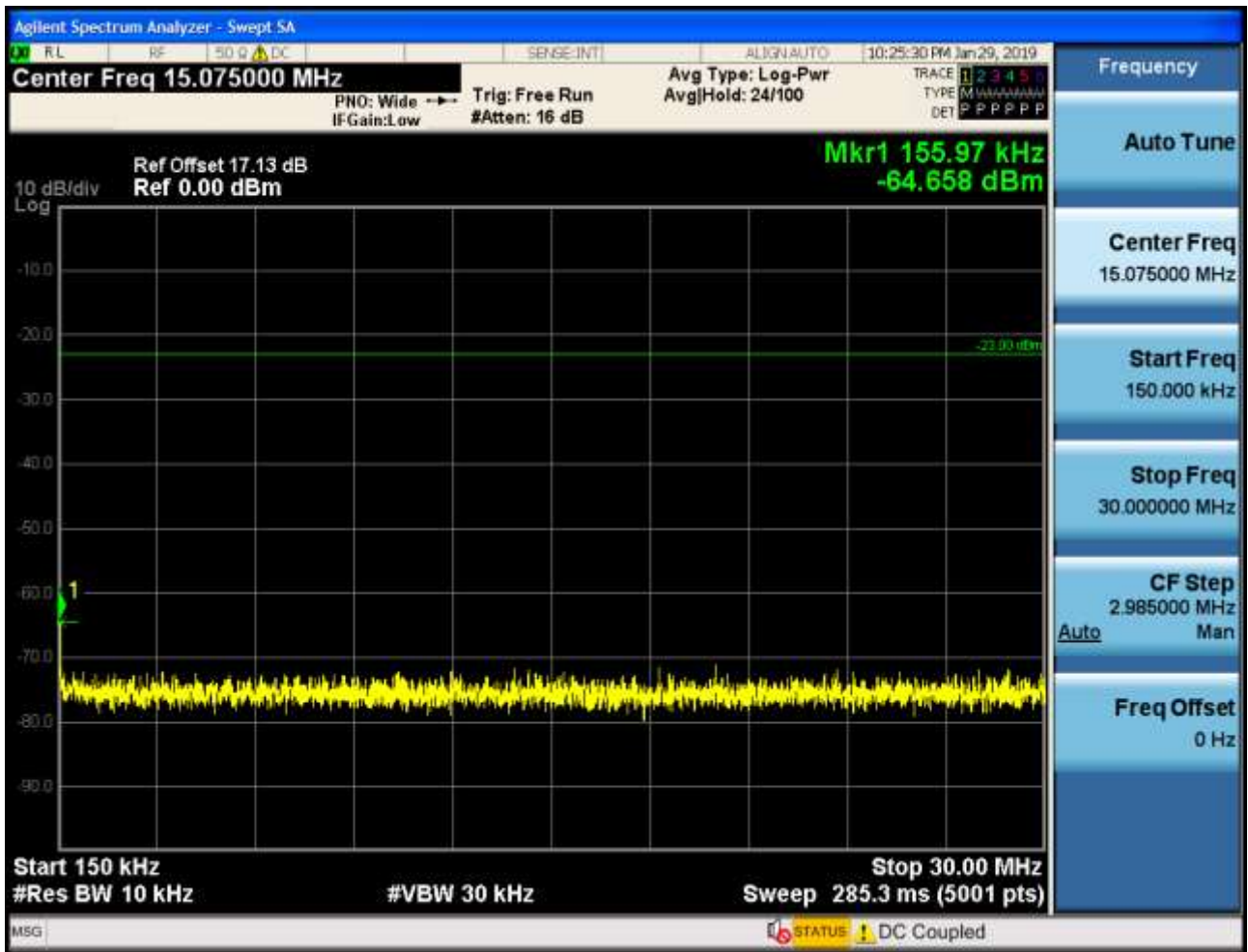
##### 6.1.1.1 Test Mode = LTE/TM1

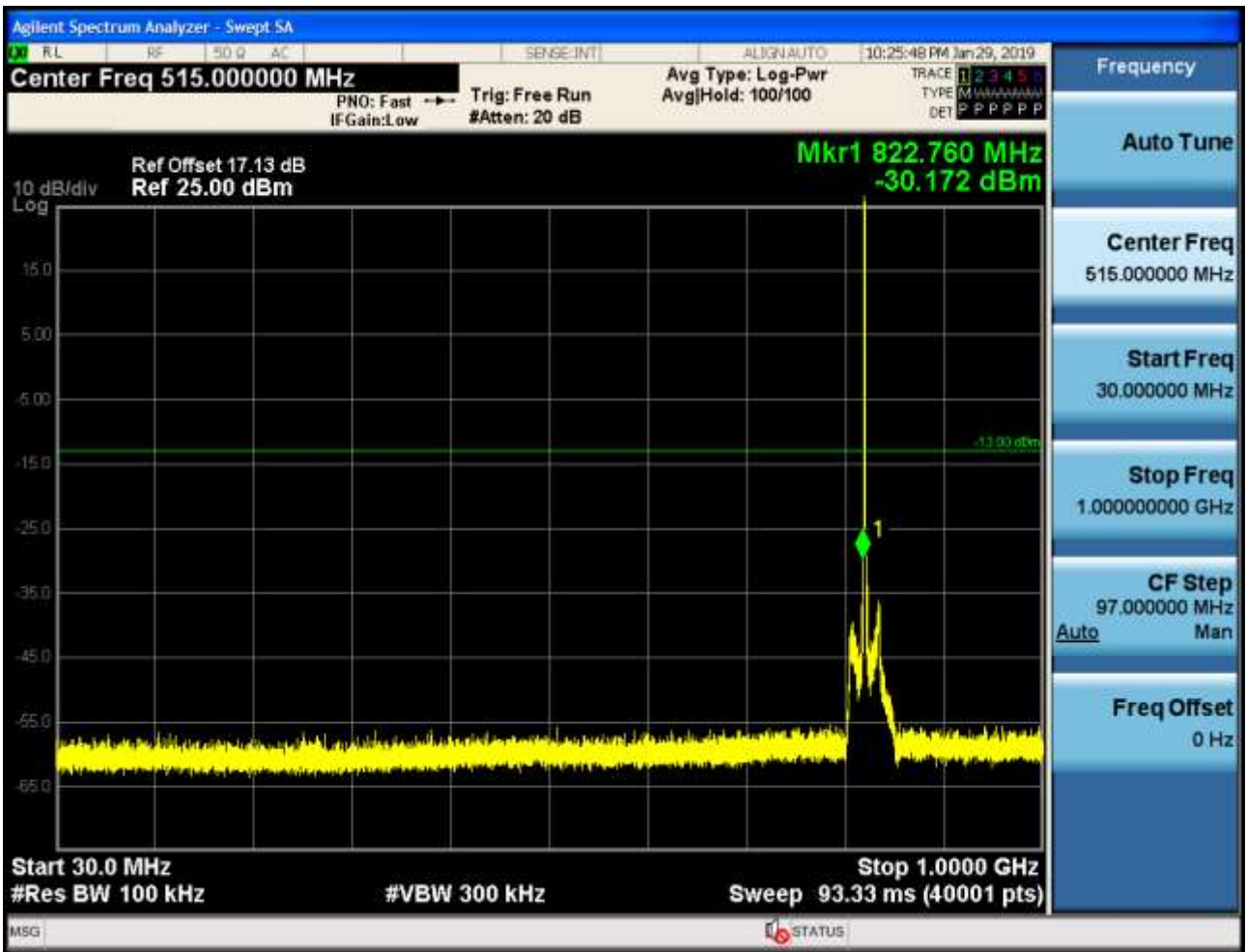
##### 6.1.1.1.1 Test Bandwidth = 1.4

##### 6.1.1.1.1.1 Test Channel = LCH

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







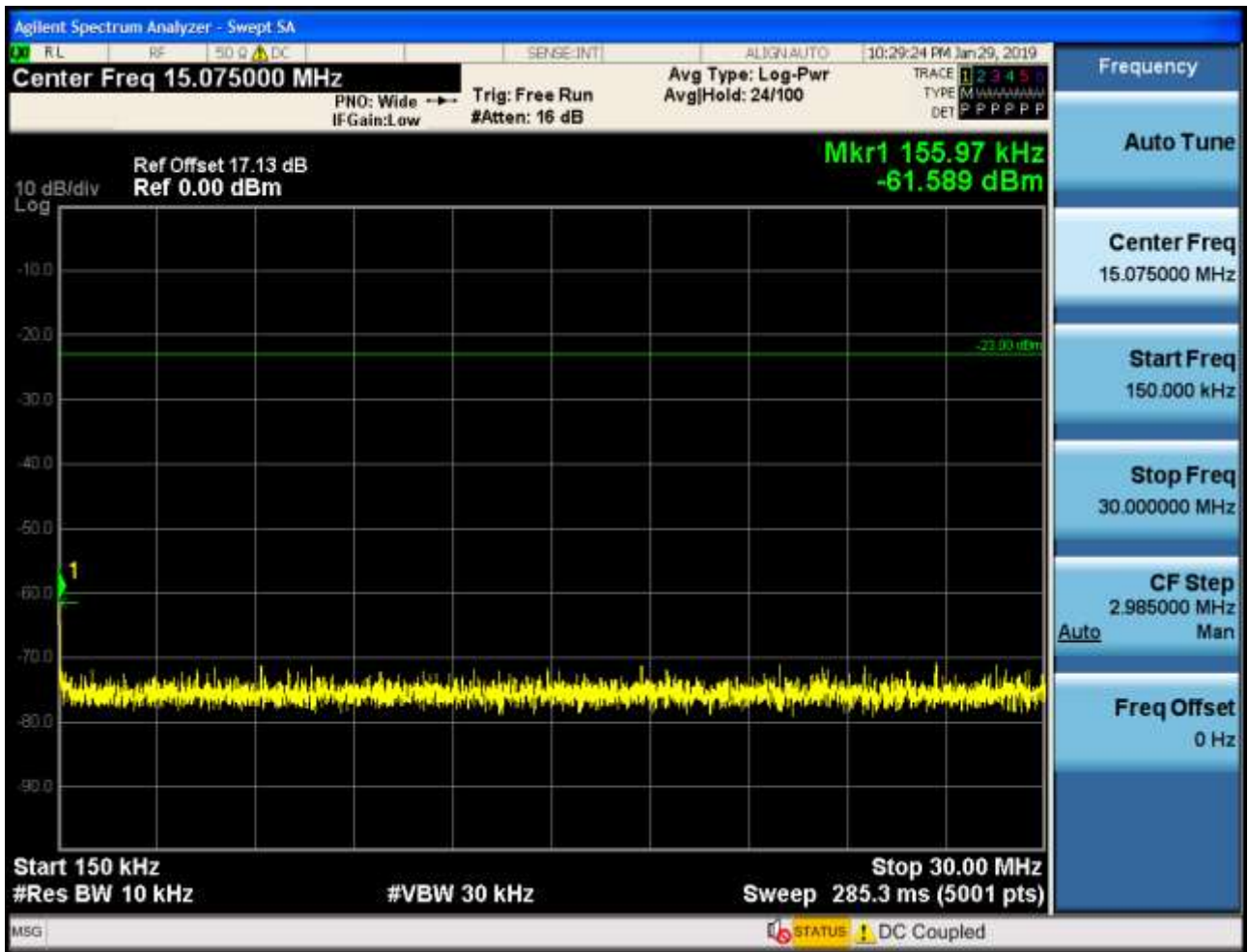


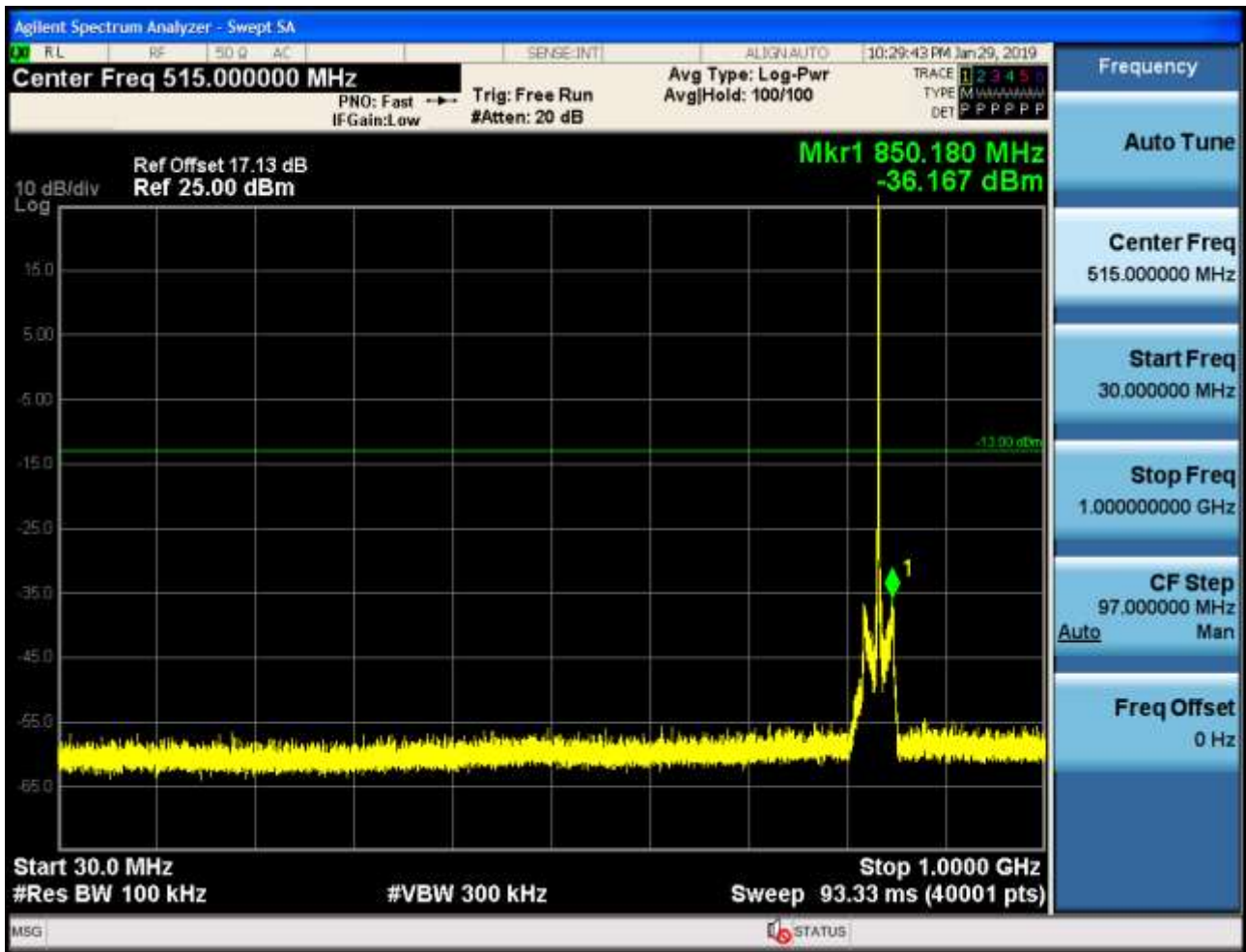
## 6.1.1.1.1.2 Test Channel = MCH

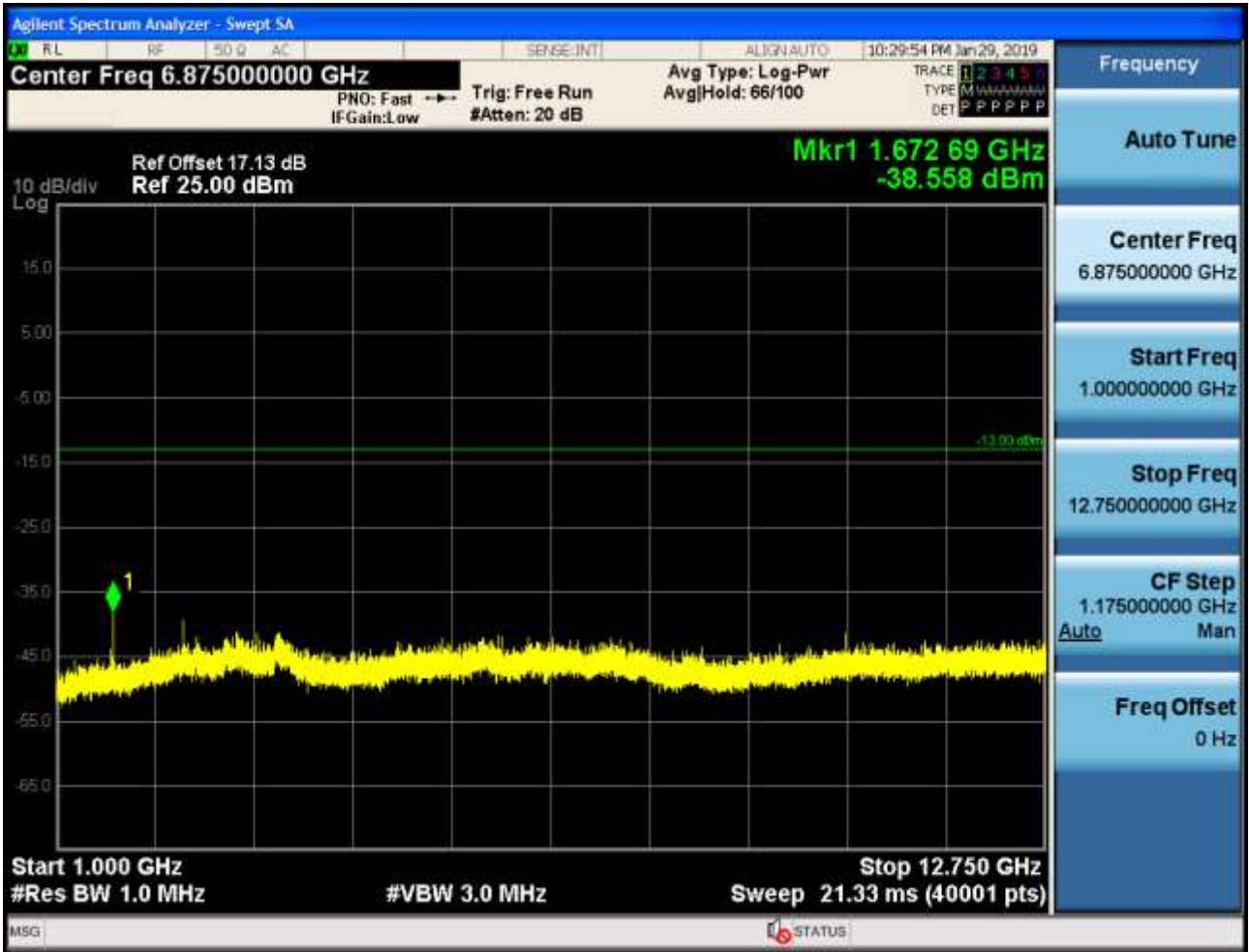
## 6.1.1.1.1.2.1 Test RB = RB1#0







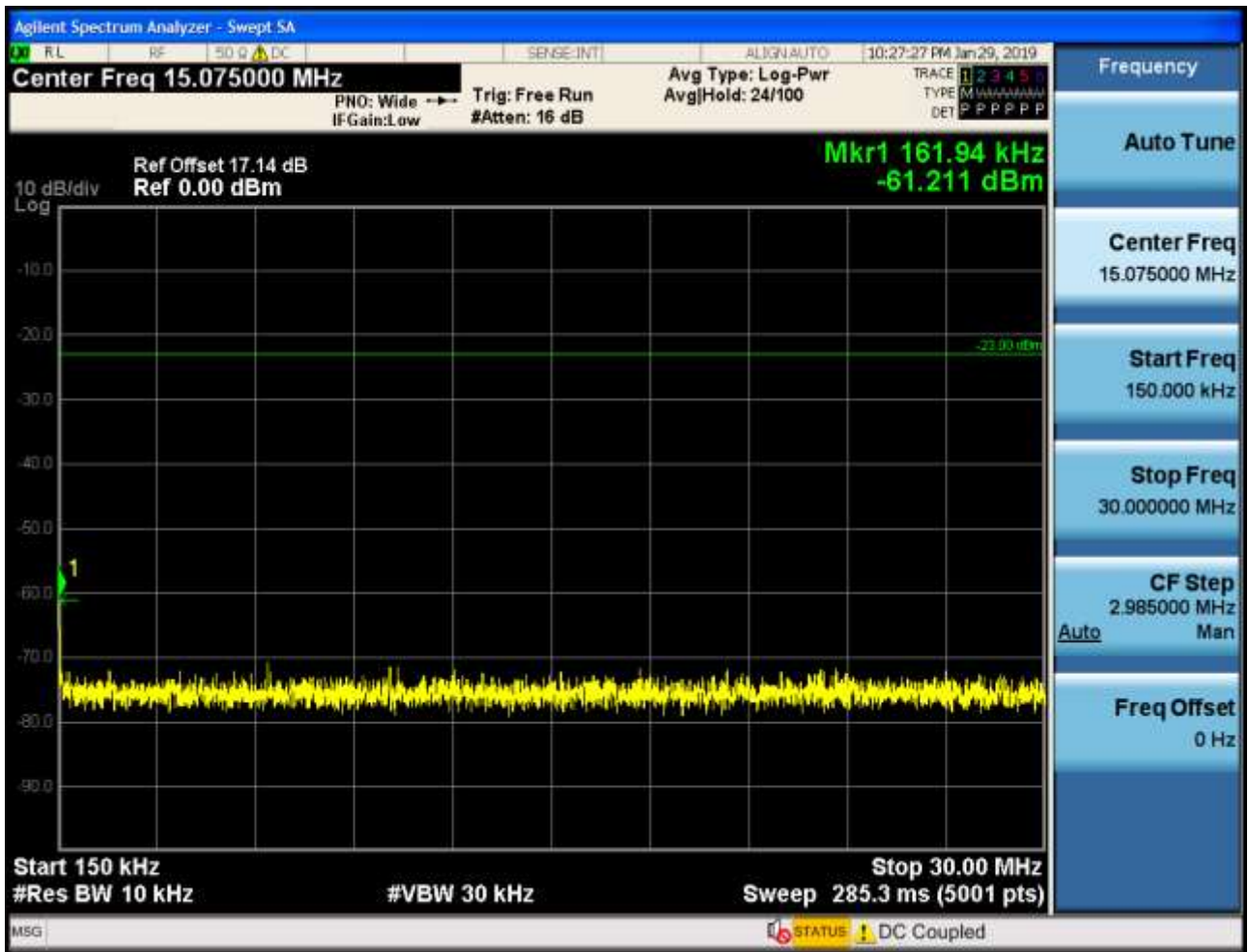


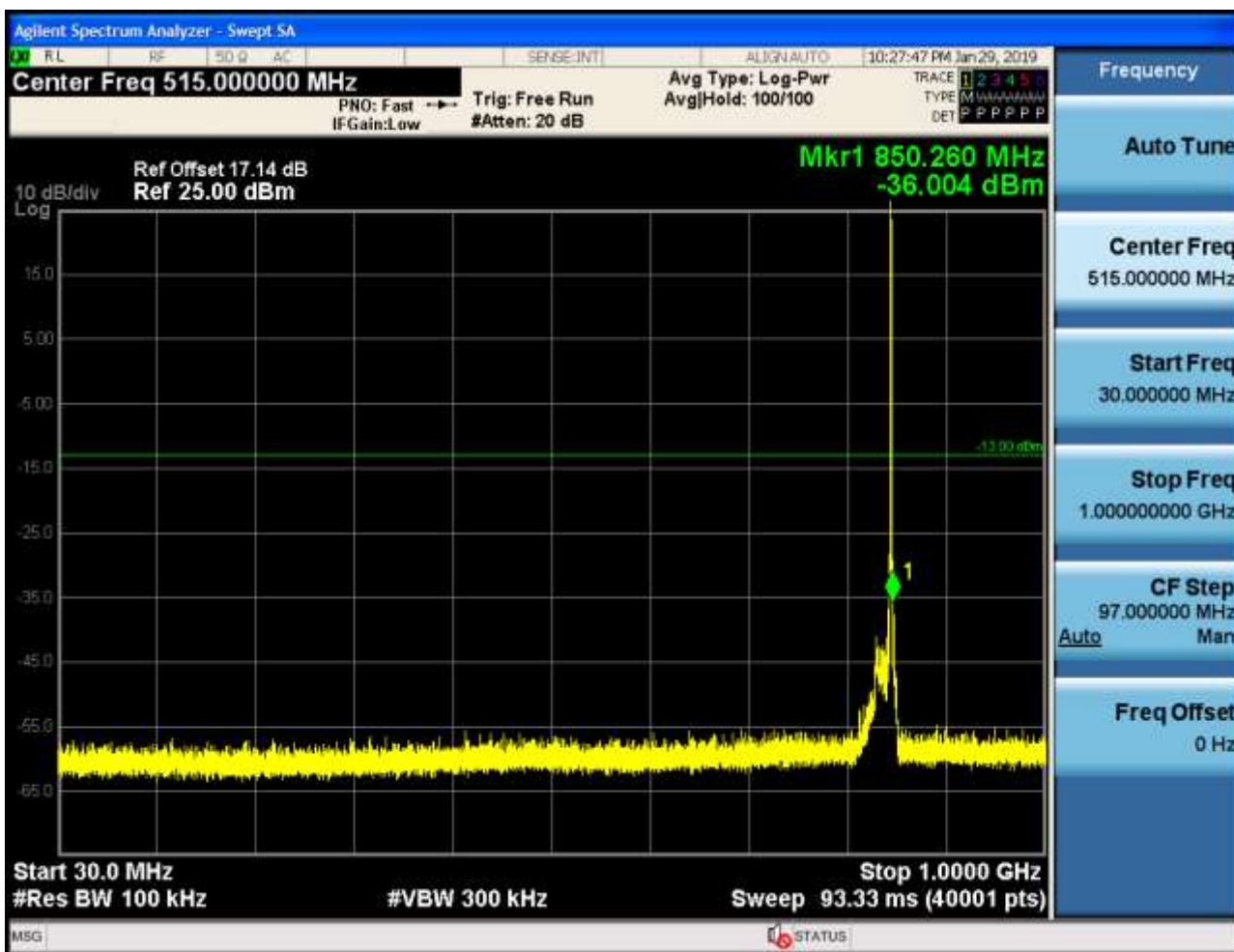


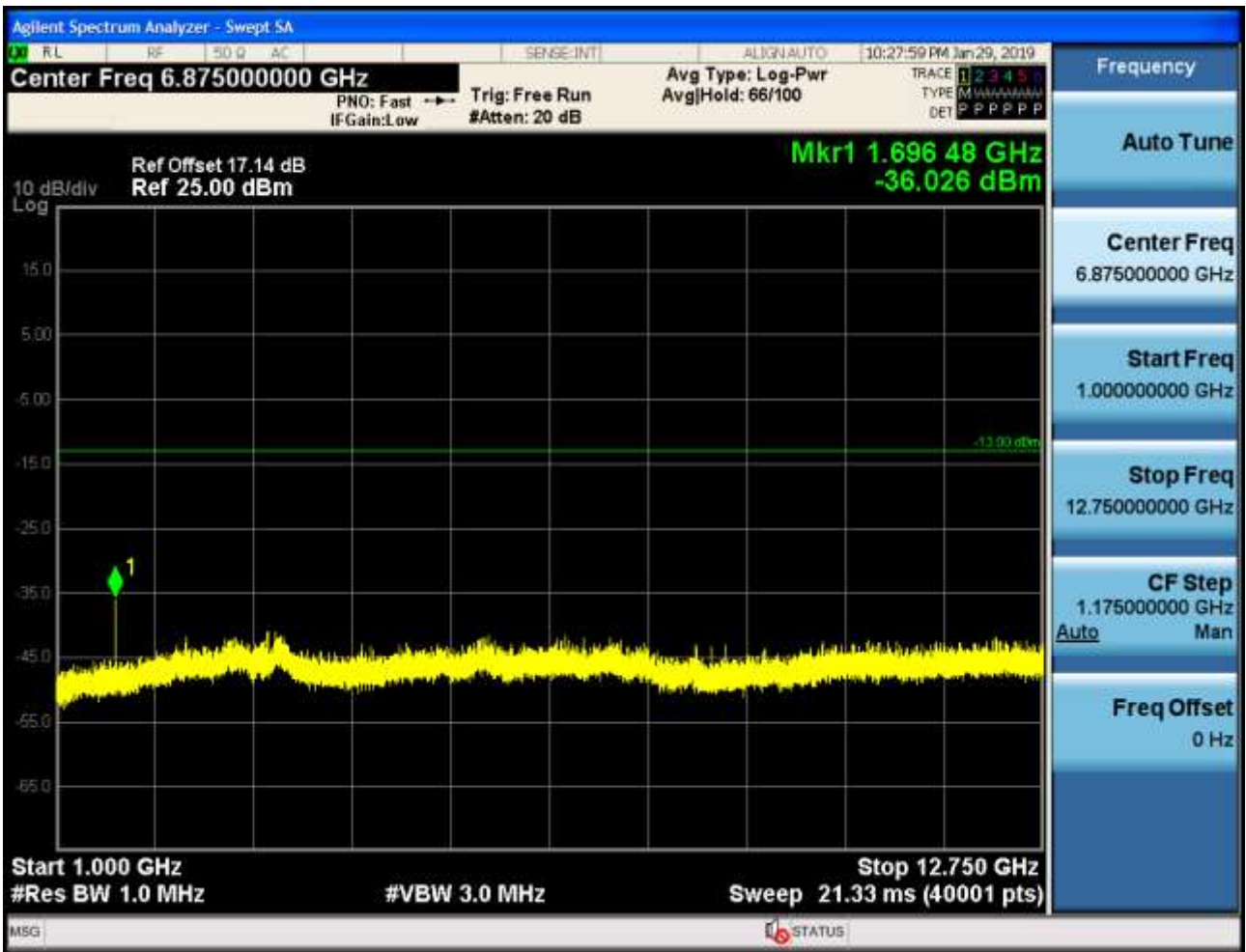
## 6.1.1.1.1.3 Test Channel = HCH

## 6.1.1.1.1.3.1 Test RB = RB1#0









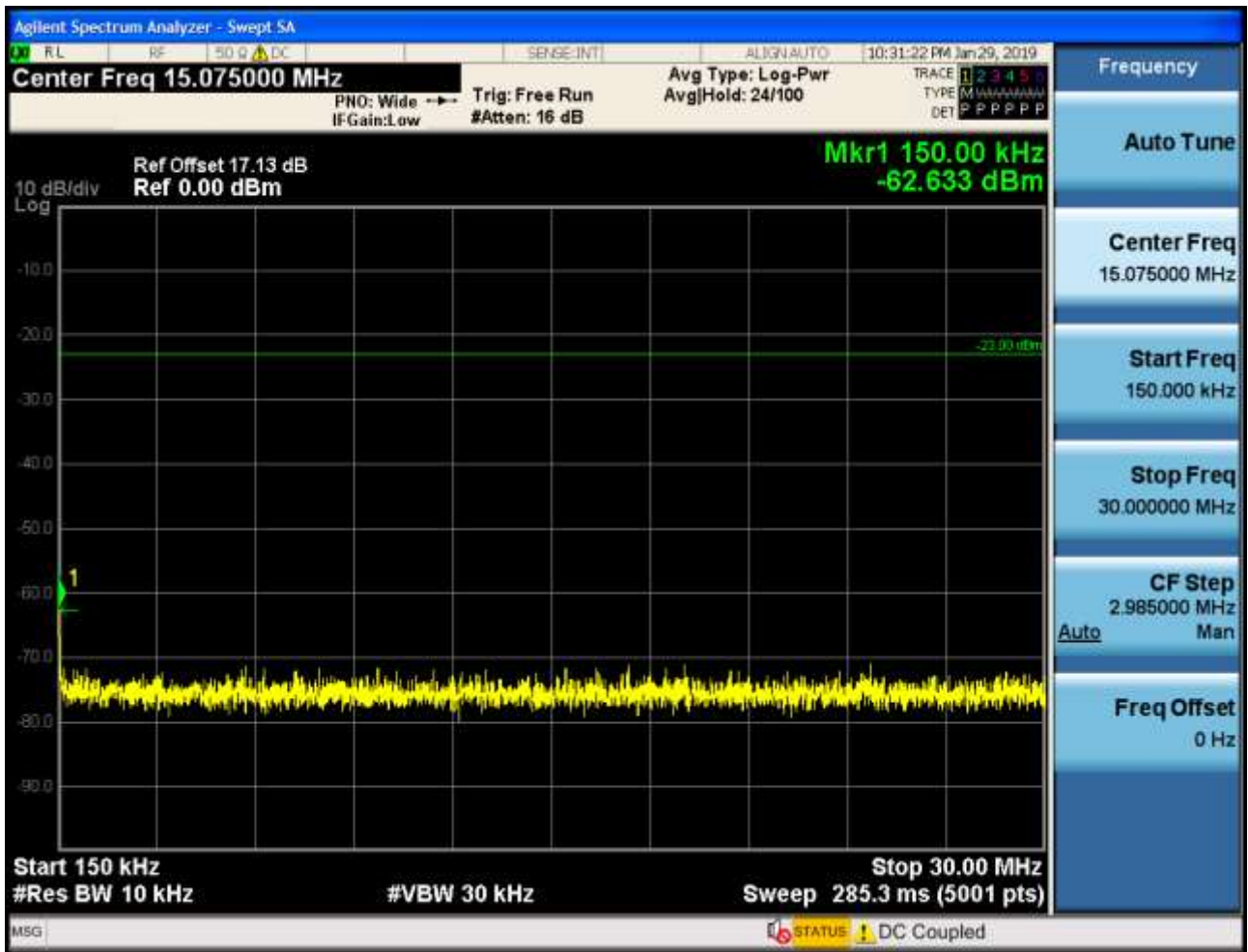
### 6.2.1.1.2 Test Bandwidth = 3

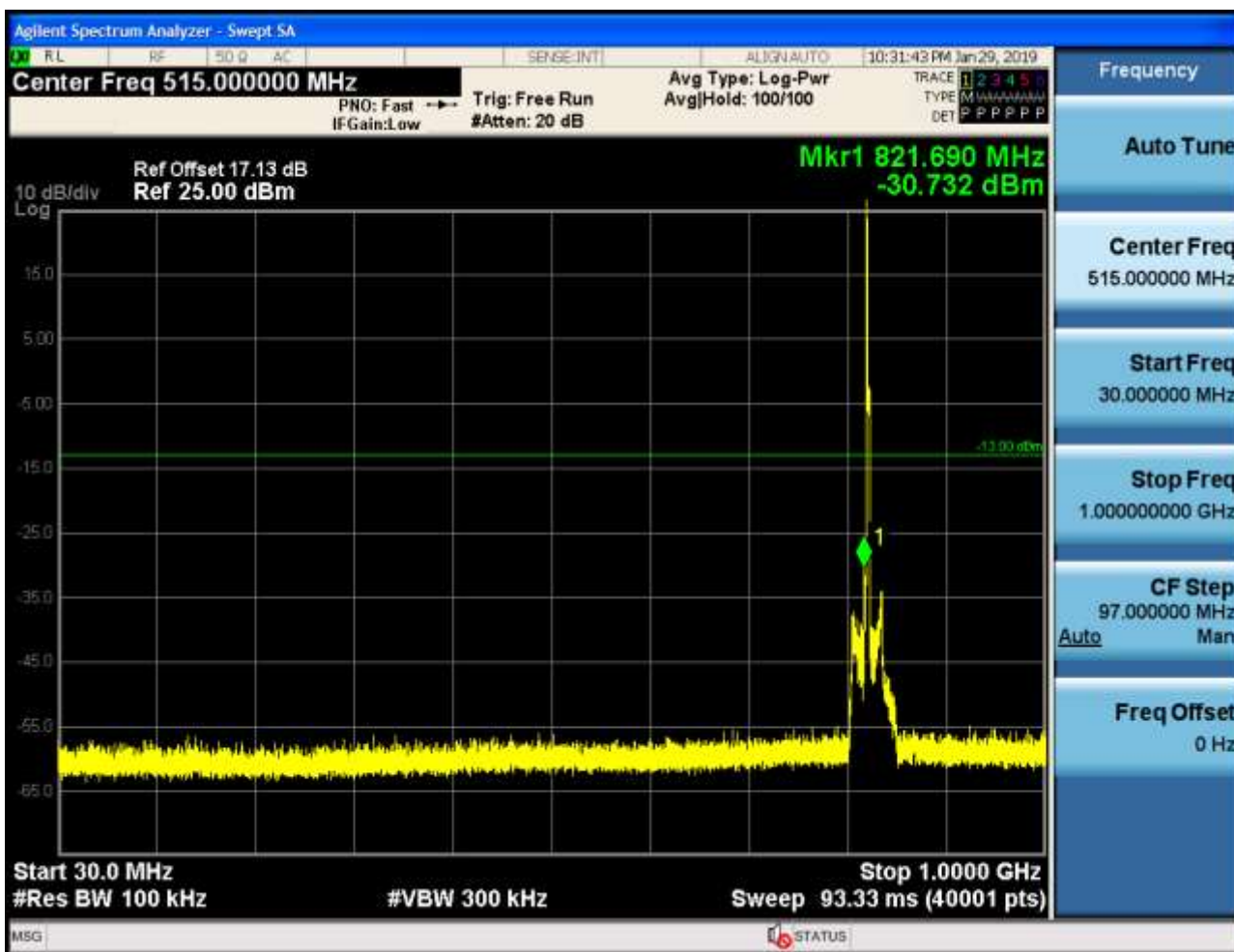
#### 6.2.1.1.2.1 Test Channel = LCH

##### 6.2.1.1.2.1.1 Test RB = RB1#0





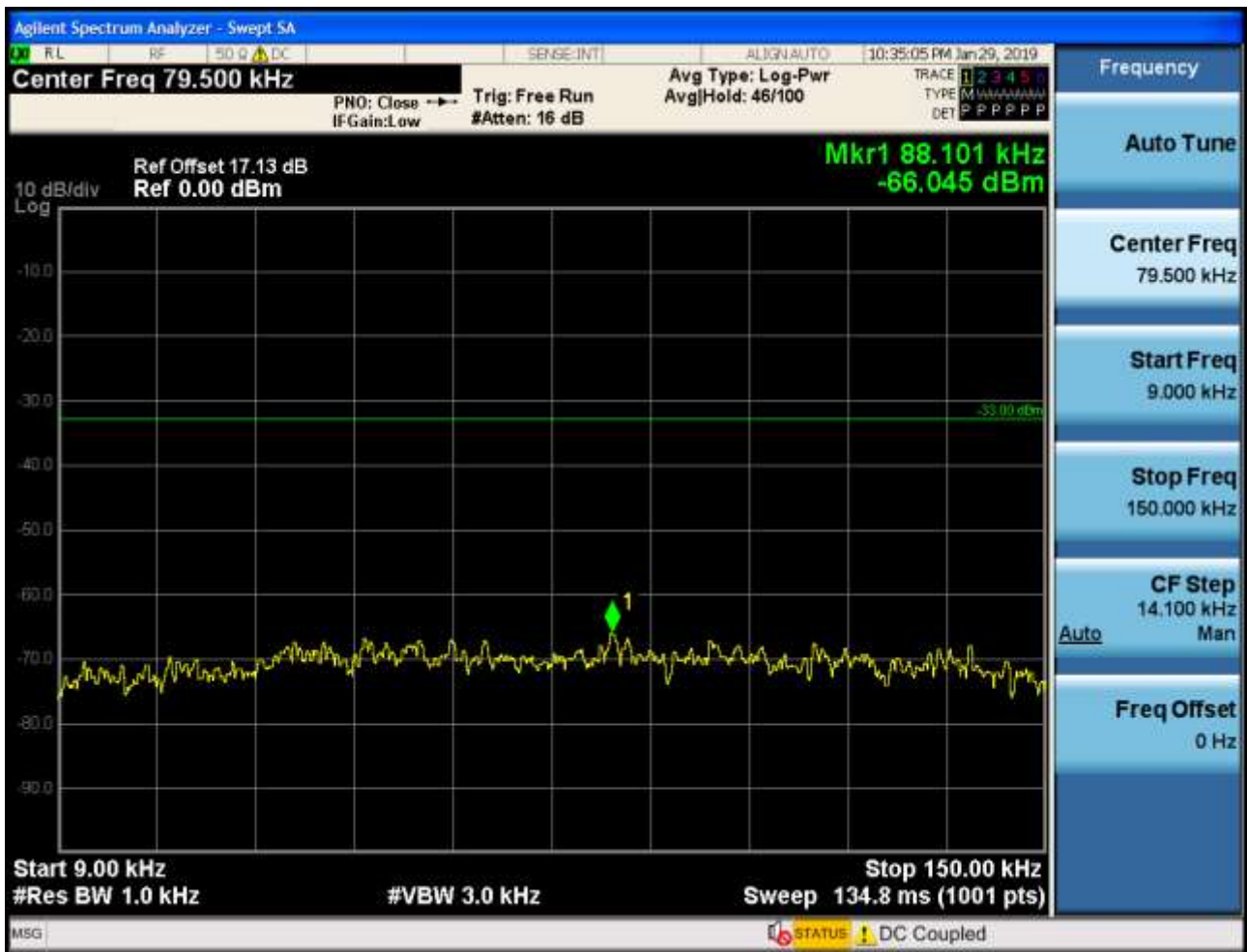


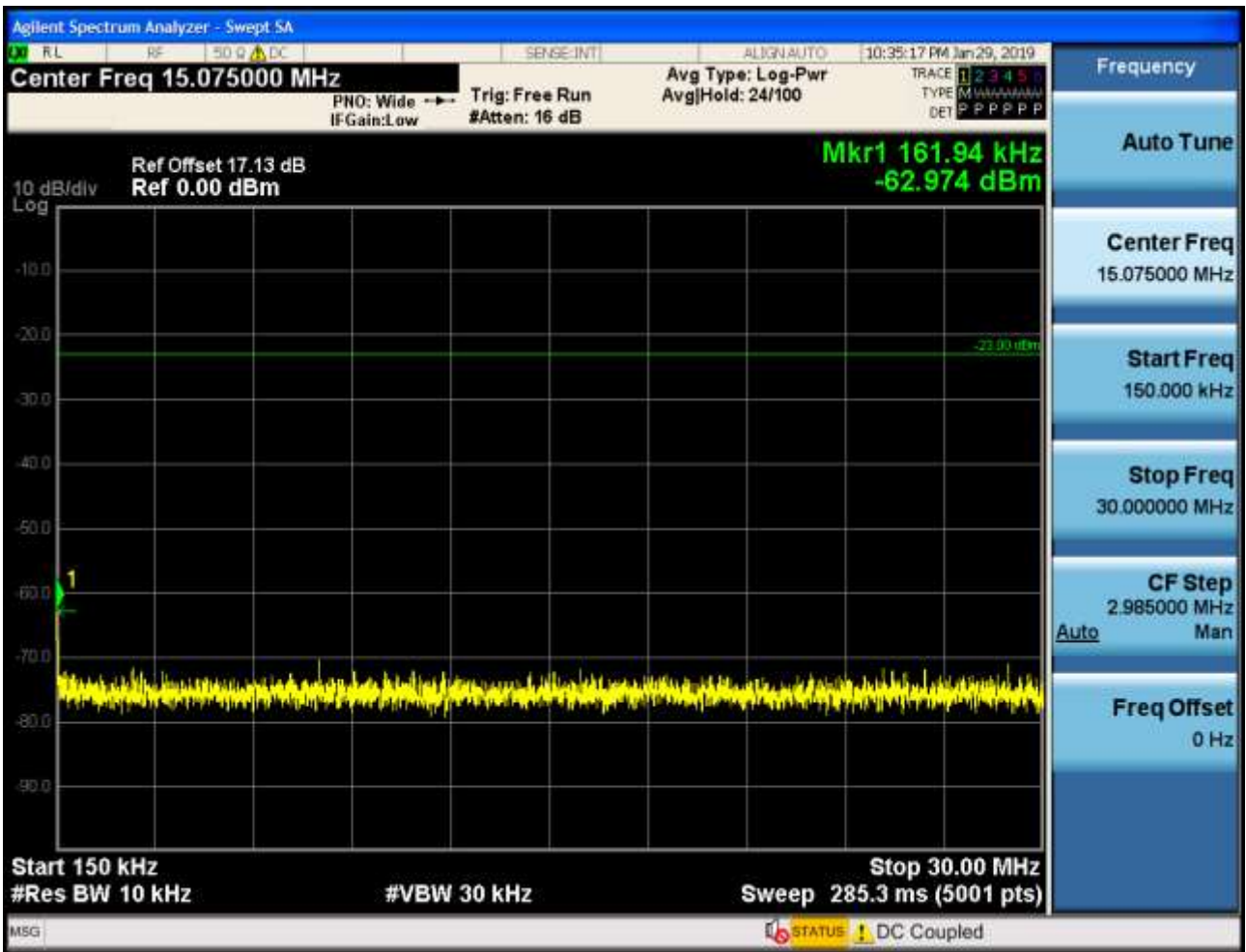


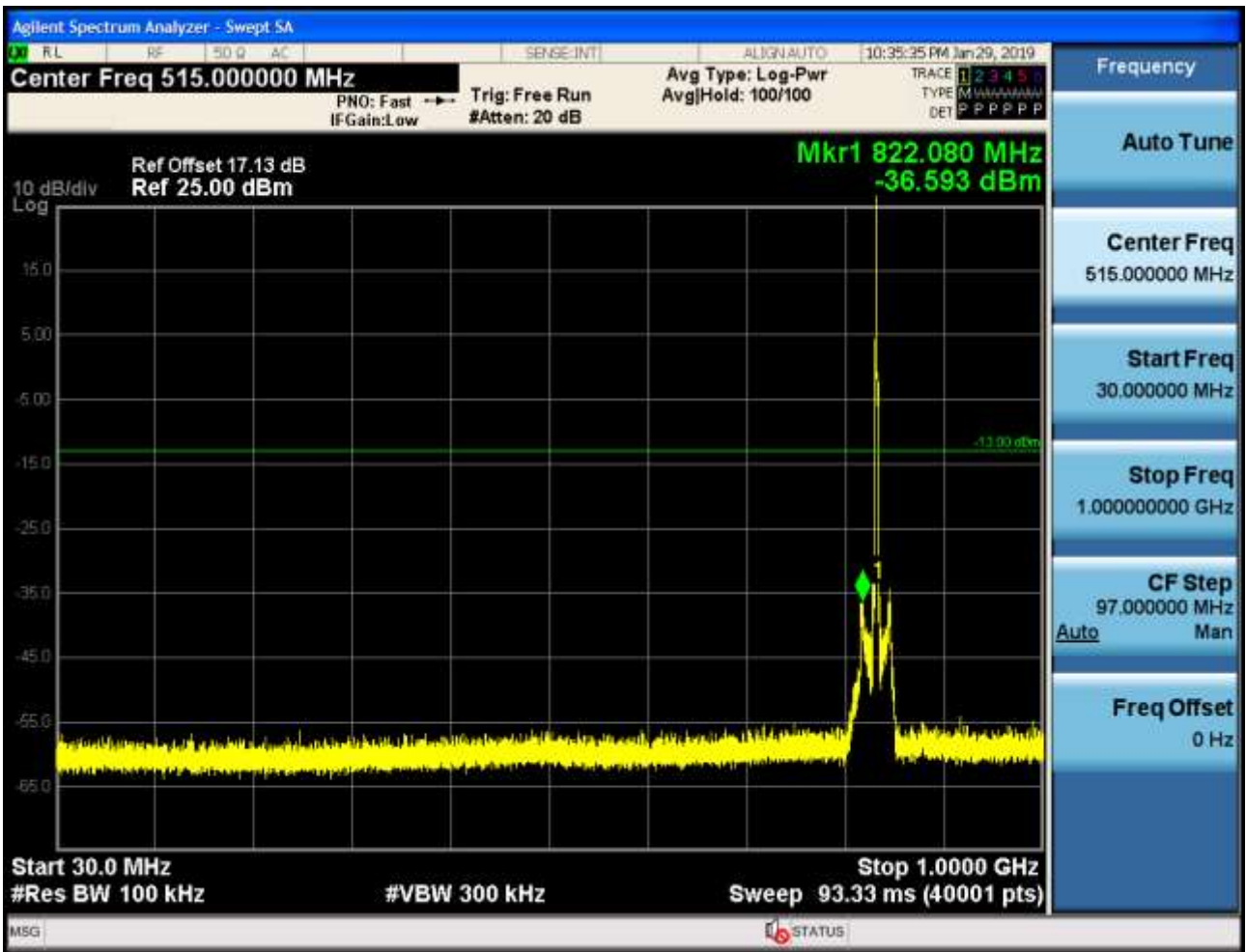


## 6.2.1.1.2.2 Test Channel = MCH

## 6.2.1.1.2.2.1 Test RB = RB1#0







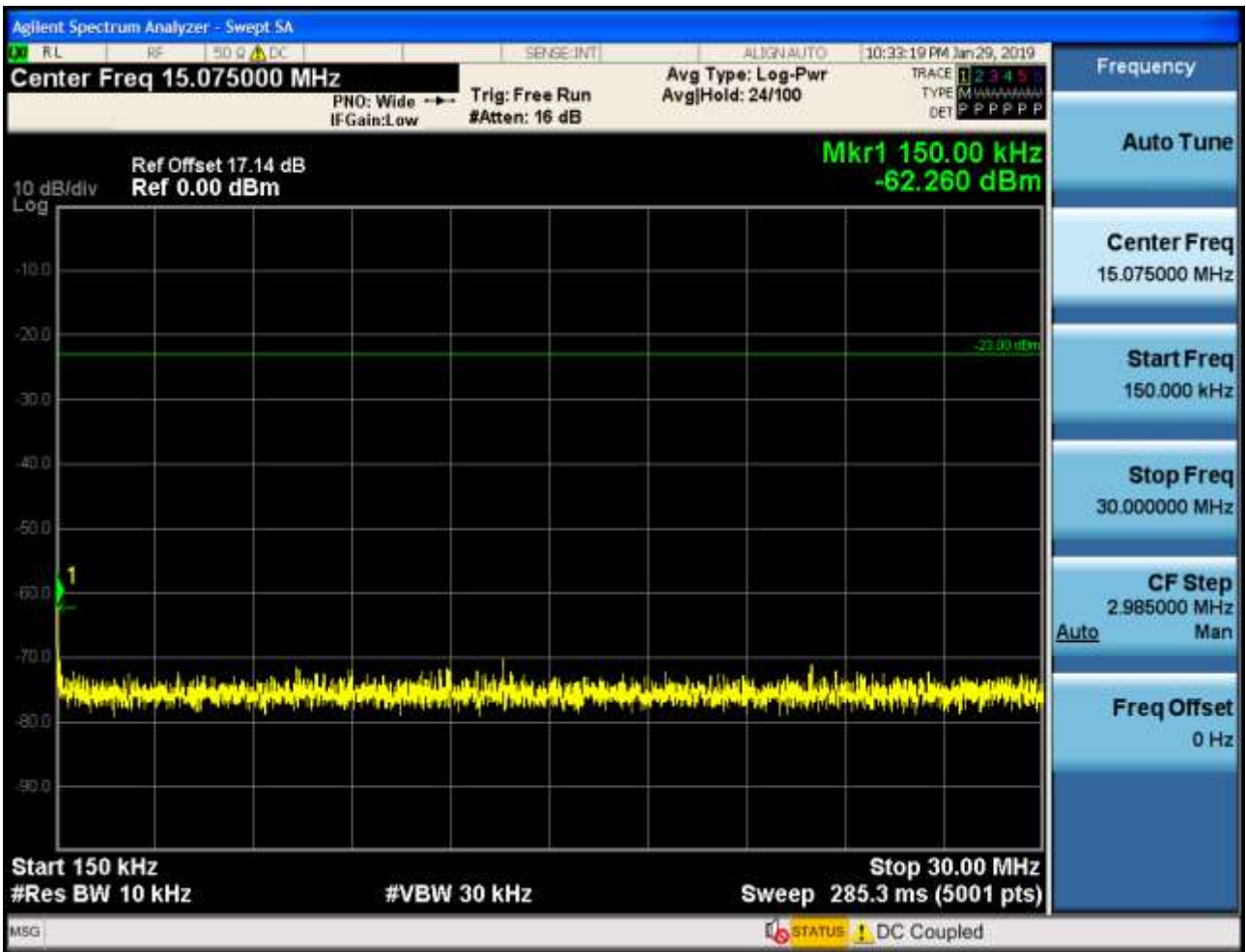


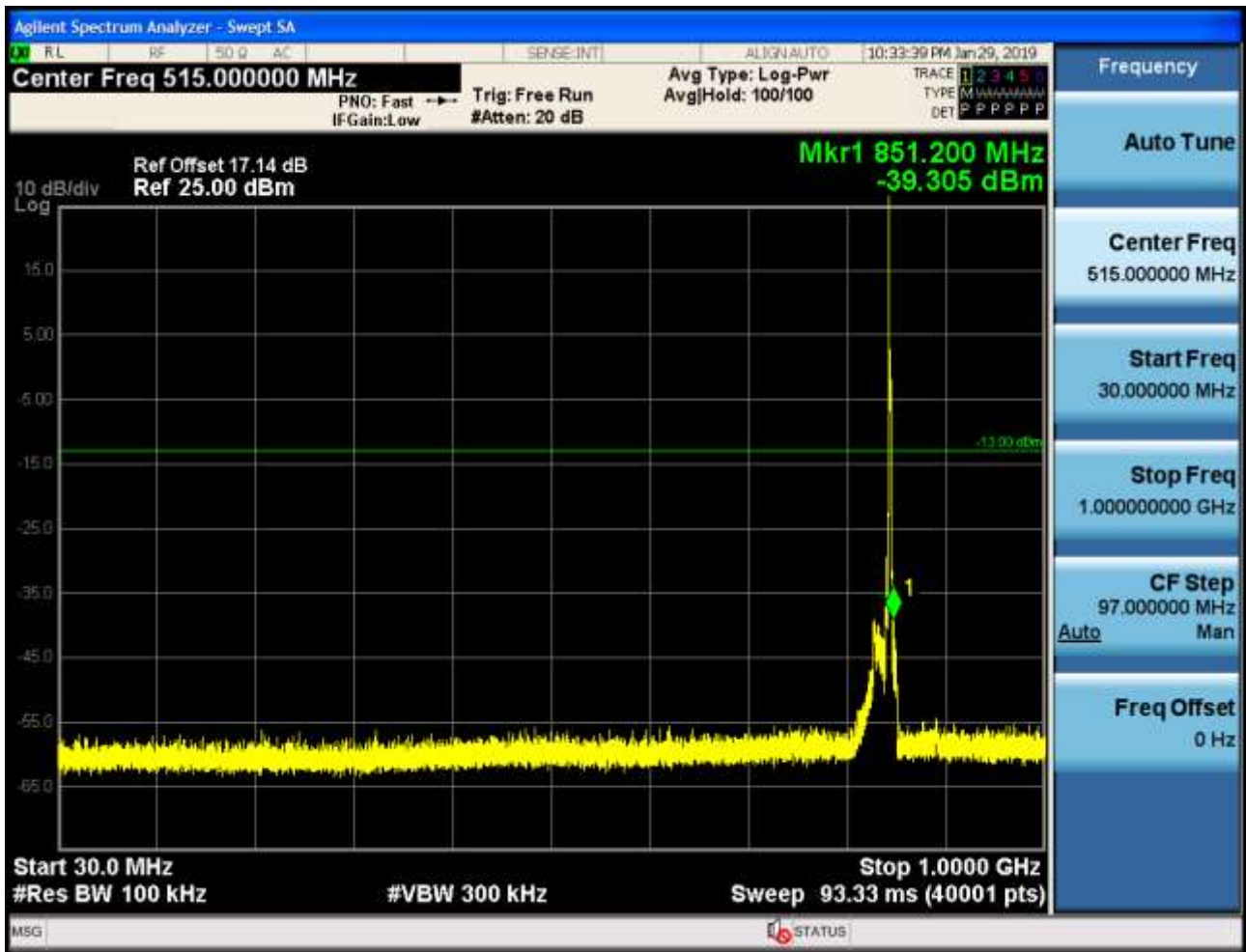
## 6.2.1.1.2.3 Test Channel = HCH

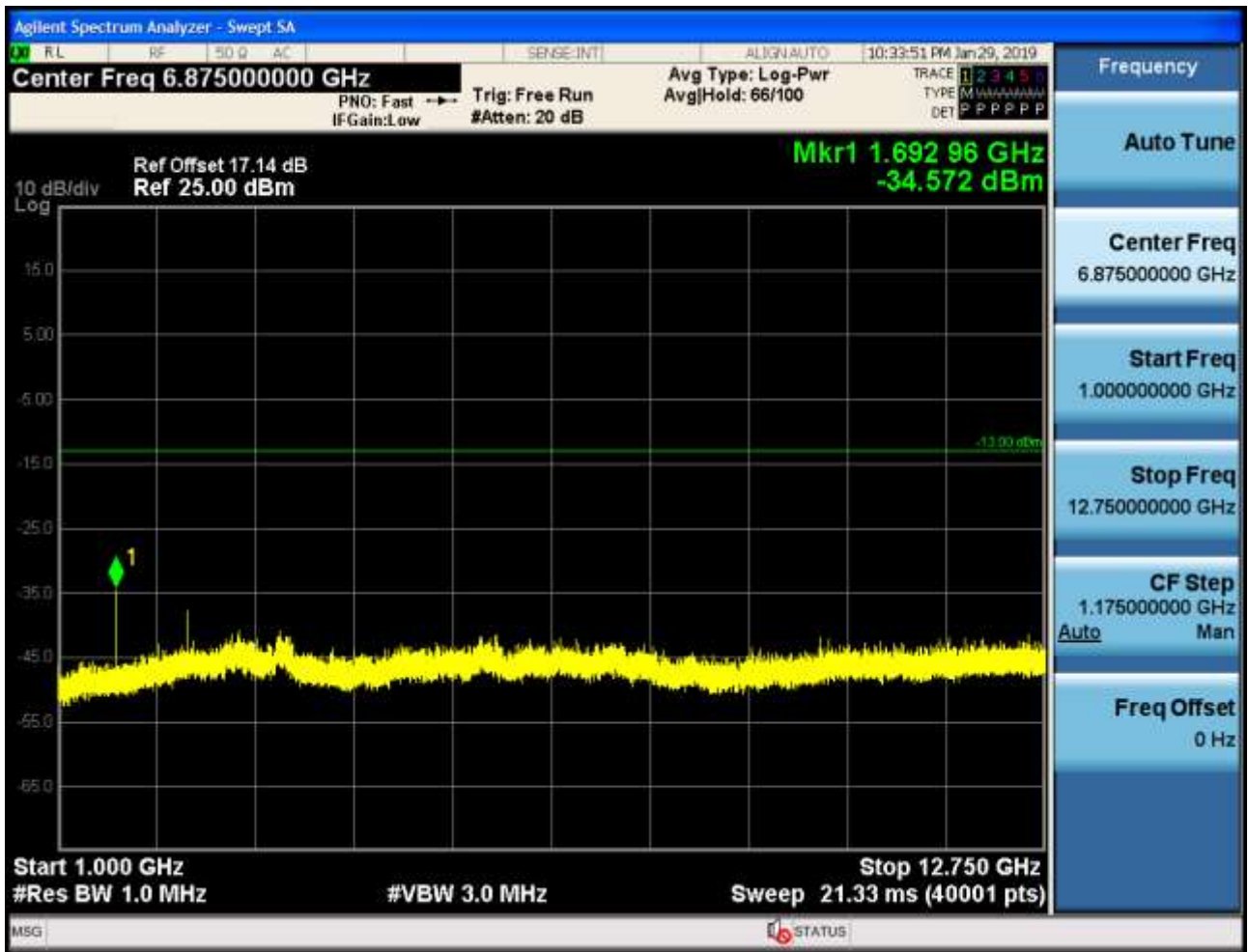
## 6.2.1.1.2.3.1 Test RB = RB1#0











### 6.2.1.1.3 Test Bandwidth = 5

#### 6.2.1.1.3.1 Test Channel = LCH

##### 6.2.1.1.3.1.1 Test RB = RB1#0





