



# 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
Band12	LTE/TM1	1.4	LCH	RB1#0	23.13	15.55	34.7	PASS
				RB1#3	23.17	15.59	34.7	PASS
				RB1#5	23.18	15.60	34.7	PASS
				RB3#0	23.27	15.69	34.7	PASS
				RB3#2	23.37	15.79	34.7	PASS
				RB3#3	23.28	15.70	34.7	PASS
				RB6#0	22.18	14.60	34.7	PASS
			MCH	RB1#0	23.09	15.51	34.7	PASS
				RB1#3	23.29	15.71	34.7	PASS
				RB1#5	23.43	15.85	34.7	PASS
				RB3#0	23.08	15.50	34.7	PASS
				RB3#2	23.26	15.68	34.7	PASS
				RB3#3	23.18	15.60	34.7	PASS
				RB6#0	22.23	14.65	34.7	PASS

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.29	15.71	34.7	PASS
				RB1#3	23.37	15.79	34.7	PASS
				RB1#5	23.28	15.70	34.7	PASS
				RB3#0	23.32	15.74	34.7	PASS
				RB3#2	23.34	15.76	34.7	PASS
				RB3#3	23.24	15.66	34.7	PASS
				RB6#0	22.32	14.74	34.7	PASS
		3	LCH	RB1#0	23.29	15.71	34.7	PASS
				RB1#7	23.27	15.69	34.7	PASS
				RB1#14	23.13	15.55	34.7	PASS
				RB8#0	22.18	14.60	34.7	PASS
				RB8#4	22.17	14.59	34.7	PASS
				RB8#7	22.24	14.66	34.7	PASS
				RB15#0	22.32	14.74	34.7	PASS
		MCH	RB1#0	23.14	15.56	34.7	PASS	
RB1#7	23.26		15.68	34.7	PASS			
RB1#14	23.24		15.66	34.7	PASS			

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB8#0	22.45	14.87	34.7	PASS	
				RB8#4	22.40	14.82	34.7	PASS	
				RB8#7	22.27	14.69	34.7	PASS	
				RB15#0	22.21	14.63	34.7	PASS	
			HCH	RB1#0	23.28	15.70	34.7	PASS	
				RB1#7	23.27	15.69	34.7	PASS	
				RB1#14	23.17	15.59	34.7	PASS	
				RB8#0	22.39	14.81	34.7	PASS	
				RB8#4	22.35	14.77	34.7	PASS	
				RB8#7	22.36	14.78	34.7	PASS	
				RB15#0	22.23	14.65	34.7	PASS	
				5	LCH	RB1#0	23.18	15.60	34.7
			RB1#13			23.16	15.58	34.7	PASS
			RB1#24			23.42	15.84	34.7	PASS
		RB12#0	22.16			14.58	34.7	PASS	
		RB12#6	22.19			14.61	34.7	PASS	
		RB12#1	22.34			14.76	34.7	PASS	



Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				3				
				RB25#0	22.20	14.62	34.7	PASS
			MCH	RB1#0	23.24	15.66	34.7	PASS
				RB1#13	23.31	15.73	34.7	PASS
				RB1#24	23.32	15.74	34.7	PASS
				RB12#0	22.37	14.79	34.7	PASS
				RB12#6	22.40	14.82	34.7	PASS
				RB12#13	22.40	14.82	34.7	PASS
				RB25#0	22.31	14.73	34.7	PASS
				HCH	RB1#0	23.22	15.64	34.7
			RB1#13		23.27	15.69	34.7	PASS
			RB1#24		23.16	15.58	34.7	PASS
			RB12#0		22.29	14.71	34.7	PASS
			RB12#6		22.47	14.89	34.7	PASS
			RB12#13		22.39	14.81	34.7	PASS
			RB25#0		22.24	14.66	34.7	PASS

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
		10	LCH	RB1#0	23.18	15.60	34.7	PASS
				RB1#25	23.20	15.62	34.7	PASS
				RB1#49	23.25	15.67	34.7	PASS
				RB25#0	22.27	14.69	34.7	PASS
				RB25#13	22.34	14.76	34.7	PASS
				RB25#25	22.37	14.79	34.7	PASS
				RB50#0	22.11	14.53	34.7	PASS
			MCH	RB1#0	23.05	15.47	34.7	PASS
				RB1#25	23.27	15.69	34.7	PASS
				RB1#49	23.21	15.63	34.7	PASS
				RB25#0	22.12	14.54	34.7	PASS
				RB25#13	22.40	14.82	34.7	PASS
				RB25#25	22.26	14.68	34.7	PASS
HCH	RB50#0	22.31	14.73	34.7	PASS			
HCH	RB1#0	23.23	15.65	34.7	PASS			



Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB1#25	23.23	15.65	34.7	PASS	
				RB1#49	23.30	15.72	34.7	PASS	
				RB25#0	22.20	14.62	34.7	PASS	
				RB25#13	22.25	14.67	34.7	PASS	
				RB25#25	22.22	14.64	34.7	PASS	
				RB50#0	22.27	14.69	34.7	PASS	
	LTE/TM2	1.4		LCH	RB1#0	22.41	14.83	34.7	PASS
					RB1#3	22.45	14.87	34.7	PASS
					RB1#5	22.34	14.76	34.7	PASS
					RB3#0	22.32	14.74	34.7	PASS
					RB3#2	22.37	14.79	34.7	PASS
					RB3#3	22.30	14.72	34.7	PASS
					RB6#0	21.32	13.74	34.7	PASS
				MCH	RB1#0	22.54	14.96	34.7	PASS
					RB1#3	22.48	14.90	34.7	PASS
RB1#5	22.26	14.68	34.7		PASS				



Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
		3		RB3#0	22.32	14.74	34.7	PASS
				RB3#2	22.28	14.70	34.7	PASS
				RB3#3	22.44	14.86	34.7	PASS
				RB6#0	21.39	13.81	34.7	PASS
			HCH	RB1#0	22.70	15.12	34.7	PASS
				RB1#3	22.42	14.84	34.7	PASS
				RB1#5	22.68	15.10	34.7	PASS
				RB3#0	22.30	14.72	34.7	PASS
				RB3#2	22.36	14.78	34.7	PASS
				RB3#3	22.39	14.81	34.7	PASS
				RB6#0	21.34	13.76	34.7	PASS
				LCH	RB1#0	22.79	15.21	34.7
			RB1#7		22.37	14.79	34.7	PASS
			RB1#14		22.62	15.04	34.7	PASS
			RB8#0		21.10	13.52	34.7	PASS
			RB8#4		21.10	13.52	34.7	PASS
			RB8#7		21.21	13.63	34.7	PASS



Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB15#0	21.25	13.67	34.7	PASS
			MCH	RB1#0	22.55	14.97	34.7	PASS
				RB1#7	22.55	14.97	34.7	PASS
				RB1#14	22.49	14.91	34.7	PASS
				RB8#0	21.42	13.84	34.7	PASS
				RB8#4	21.24	13.66	34.7	PASS
				RB8#7	21.33	13.75	34.7	PASS
				RB15#0	21.22	13.64	34.7	PASS
				HCH	RB1#0	22.31	14.73	34.7
			RB1#7		22.27	14.69	34.7	PASS
			RB1#14		22.22	14.64	34.7	PASS
			RB8#0		21.36	13.78	34.7	PASS
			RB8#4		21.28	13.70	34.7	PASS
			RB8#7		21.21	13.63	34.7	PASS
			RB15#0		21.18	13.60	34.7	PASS
		5	LCH	RB1#0	22.52	14.94	34.7	PASS
				RB1#13	22.57	14.99	34.7	PASS



Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.52	14.94	34.7	PASS
				RB12#0	21.13	13.55	34.7	PASS
				RB12#6	21.32	13.74	34.7	PASS
				RB12#13	21.46	13.88	34.7	PASS
				RB25#0	21.22	13.64	34.7	PASS
			MCH	RB1#0	22.62	15.04	34.7	PASS
				RB1#13	22.57	14.99	34.7	PASS
				RB1#24	22.55	14.97	34.7	PASS
				RB12#0	21.29	13.71	34.7	PASS
				RB12#6	21.29	13.71	34.7	PASS
				RB12#13	21.28	13.70	34.7	PASS
				RB25#0	21.26	13.68	34.7	PASS
			HCH	RB1#0	22.50	14.92	34.7	PASS
				RB1#13	22.65	15.07	34.7	PASS
				RB1#24	22.53	14.95	34.7	PASS
				RB12#0	21.37	13.79	34.7	PASS

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB12#6	21.38	13.80	34.7	PASS
				RB12#13	21.47	13.89	34.7	PASS
				RB25#0	21.21	13.63	34.7	PASS
		10	LCH	RB1#0	22.41	14.83	34.7	PASS
				RB1#25	22.47	14.89	34.7	PASS
				RB1#49	22.53	14.95	34.7	PASS
				RB25#0	21.27	13.69	34.7	PASS
				RB25#13	21.26	13.68	34.7	PASS
				RB25#25	21.15	13.57	34.7	PASS
				RB50#0	21.03	13.45	34.7	PASS
				MCH	RB1#0	22.23	14.65	34.7
		RB1#25	22.41		14.83	34.7	PASS	
		RB1#49	22.31		14.73	34.7	PASS	
		RB25#0	21.13		13.55	34.7	PASS	
		RB25#13	21.39		13.81	34.7	PASS	

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.33	13.75	34.7	PASS
				RB50#0	21.27	13.69	34.7	PASS
			HCH	RB1#0	22.36	14.78	34.7	PASS
				RB1#25	22.47	14.89	34.7	PASS
				RB1#49	22.26	14.68	34.7	PASS
				RB25#0	21.30	13.72	34.7	PASS
				RB25#13	21.21	13.63	34.7	PASS
				RB25#25	21.16	13.58	34.7	PASS
				RB50#0	21.29	13.71	34.7	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:

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

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed 1MHz}$$



SET VBW  $\geq 3 * RBW$

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
Band12	LTE/TM1	1.4	LCH	RB1#0	4.58	13	PASS
				RB1#3	4.50	13	PASS
				RB1#5	4.55	13	PASS
				RB3#0	5.54	13	PASS
				RB3#2	5.76	13	PASS
				RB3#3	5.59	13	PASS
			RB6#0	5.71	13	PASS	
			MCH	RB1#0	4.92	13	PASS
				RB1#3	5.25	13	PASS
				RB1#5	4.89	13	PASS
				RB3#0	5.46	13	PASS
				RB3#2	5.50	13	PASS
		RB3#3		5.42	13	PASS	
		HCH	RB6#0	5.64	13	PASS	
			RB1#0	5.18	13	PASS	
			RB1#3	5.14	13	PASS	
			RB1#5	5.03	13	PASS	
			RB3#0	5.21	13	PASS	
			RB3#2	5.02	13	PASS	
		3	LCH	RB3#3	5.09	13	PASS
				RB6#0	5.67	13	PASS
				RB1#0	4.97	13	PASS
				RB1#7	5.02	13	PASS
				RB1#14	5.10	13	PASS
RB8#0	5.75			13	PASS		
MCH	RB8#4		5.70	13	PASS		
	RB8#7		5.67	13	PASS		
	RB15#0		5.68	13	PASS		
	RB1#0		5.43	13	PASS		
	RB1#7		4.92	13	PASS		
	RB1#14		5.36	13	PASS		
RB8#0	5.50	13	PASS				
RB8#4	5.47	13	PASS				
RB8#7	5.54	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	5.84	13	PASS
				RB1#0	5.12	13	PASS
				RB1#7	4.54	13	PASS
				RB1#14	4.74	13	PASS
				RB8#0	5.50	13	PASS
				RB8#4	5.42	13	PASS
				RB8#7	5.32	13	PASS
				RB15#0	5.75	13	PASS
		5	LCH	RB1#0	5.16	13	PASS
				RB1#13	5.18	13	PASS
				RB1#24	5.22	13	PASS
				RB12#0	5.91	13	PASS
				RB12#6	5.89	13	PASS
				RB12#13	5.93	13	PASS
				RB25#0	6.12	13	PASS
			MCH	RB1#0	5.41	13	PASS
				RB1#13	5.14	13	PASS
				RB1#24	5.29	13	PASS
				RB12#0	5.56	13	PASS
				RB12#6	5.59	13	PASS
				RB12#13	5.57	13	PASS
			HCH	RB1#0	4.94	13	PASS
				RB1#13	4.87	13	PASS
				RB1#24	4.83	13	PASS
				RB12#0	5.89	13	PASS
		RB12#6		5.62	13	PASS	
		RB12#13		5.56	13	PASS	
		RB25#0		5.91	13	PASS	
		10	LCH	RB1#0	5.45	13	PASS
				RB1#25	5.43	13	PASS
				RB1#49	5.32	13	PASS
				RB25#0	5.98	13	PASS
				RB25#13	5.74	13	PASS
RB25#25	5.84			13	PASS		
RB50#0	6.02		13	PASS			
MCH	RB1#0		5.03	13	PASS		
	RB1#25		4.83	13	PASS		
	RB1#49	4.89	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	5.76	13	PASS
				RB25#13	5.82	13	PASS
				RB25#25	6.15	13	PASS
				RB50#0	6.16	13	PASS
			HCH	RB1#0	5.13	13	PASS
				RB1#25	4.86	13	PASS
				RB1#49	4.73	13	PASS
				RB25#0	5.97	13	PASS
				RB25#13	5.94	13	PASS
				RB25#25	5.95	13	PASS
			LCH	RB50#0	6.03	13	PASS
				RB1#0	6.22	13	PASS
				RB1#3	6.23	13	PASS
				RB1#5	6.23	13	PASS
	RB3#0	6.47		13	PASS		
	RB3#2	6.27		13	PASS		
	RB3#3	6.40		13	PASS		
	MCH	RB6#0	6.69	13	PASS		
		RB1#0	5.43	13	PASS		
		RB1#3	5.68	13	PASS		
		RB1#5	5.74	13	PASS		
		RB3#0	6.26	13	PASS		
		RB3#2	6.30	13	PASS		
		RB3#3	6.21	13	PASS		
	HCH	RB6#0	6.57	13	PASS		
		RB1#0	5.50	13	PASS		
		RB1#3	5.36	13	PASS		
		RB1#5	5.28	13	PASS		
		RB3#0	6.24	13	PASS		
		RB3#2	5.96	13	PASS		
RB3#3		6.06	13	PASS			
LCH	RB6#0	6.55	13	PASS			
	RB1#0	5.15	13	PASS			
	RB1#7	5.36	13	PASS			
	RB1#14	5.39	13	PASS			
	RB8#0	6.64	13	PASS			
	RB8#4	6.58	13	PASS			
	RB8#7	6.63	13	PASS			
RB15#0	6.66	13	PASS				
		3					



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			MCH	RB1#0	6.03	13	PASS	
				RB1#7	5.74	13	PASS	
				RB1#14	5.99	13	PASS	
				RB8#0	6.35	13	PASS	
				RB8#4	6.26	13	PASS	
				RB8#7	6.40	13	PASS	
				RB15#0	6.28	13	PASS	
			HCH	RB1#0	5.78	13	PASS	
				RB1#7	6.26	13	PASS	
				RB1#14	5.62	13	PASS	
				RB8#0	6.29	13	PASS	
				RB8#4	6.22	13	PASS	
				RB8#7	6.11	13	PASS	
				RB15#0	6.55	13	PASS	
		5	LCH		RB1#0	5.76	13	PASS
					RB1#13	5.70	13	PASS
					RB1#24	5.86	13	PASS
					RB12#0	6.28	13	PASS
					RB12#6	6.35	13	PASS
					RB12#13	6.33	13	PASS
					RB25#0	6.93	13	PASS
			MCH	RB1#0	6.29	13	PASS	
				RB1#13	6.04	13	PASS	
				RB1#24	6.20	13	PASS	
				RB12#0	6.56	13	PASS	
				RB12#6	6.53	13	PASS	
				RB12#13	6.17	13	PASS	
				RB25#0	6.38	13	PASS	
			HCH	RB1#0	5.66	13	PASS	
				RB1#13	5.63	13	PASS	
				RB1#24	5.46	13	PASS	
				RB12#0	6.43	13	PASS	
RB12#6	6.66	13		PASS				
RB12#13	6.52	13		PASS				
RB25#0	6.47	13		PASS				
10	LCH	RB1#0	5.72	13	PASS			
		RB1#25	5.48	13	PASS			
		RB1#49	5.47	13	PASS			
		RB25#0	6.80	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB25#13	6.48	13	PASS			
				RB25#25	6.48	13	PASS			
				RB50#0	6.60	13	PASS			
			MCH	RB1#0	6.44	13	PASS			
				RB1#25	6.08	13	PASS			
				RB1#49	6.06	13	PASS			
				RB25#0	6.39	13	PASS			
				RB25#13	6.39	13	PASS			
				RB25#25	6.60	13	PASS			
				RB50#0	6.83	13	PASS			
			HCH	RB1#0	6.16	13	PASS			
				RB1#25	5.98	13	PASS			
				RB1#49	5.90	13	PASS			
				RB25#0	6.79	13	PASS			
				RB25#13	6.81	13	PASS			
				RB25#25	6.80	13	PASS			
							RB50#0	6.89	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

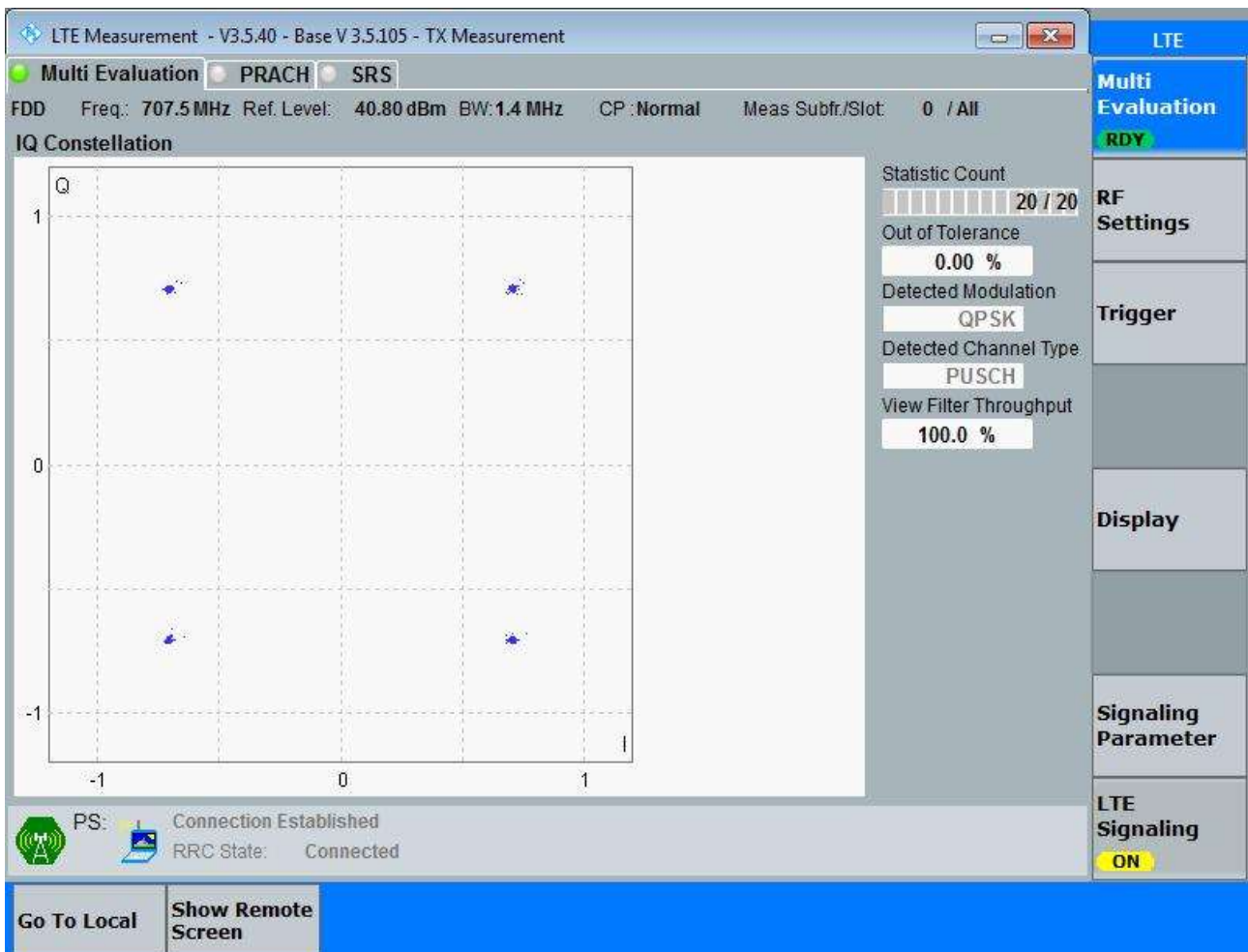
##### 3.1.1 Test Band = Band12

##### 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

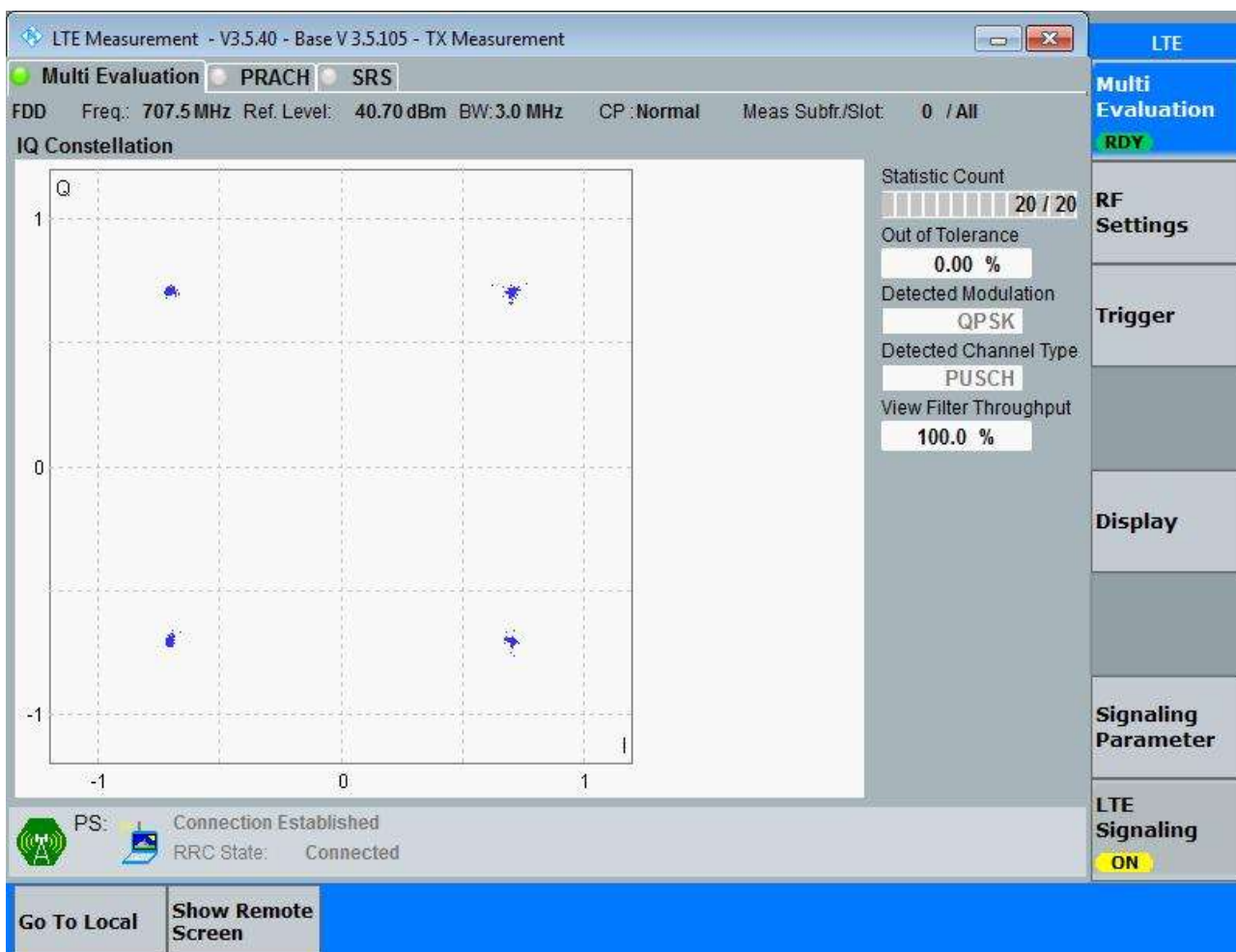
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

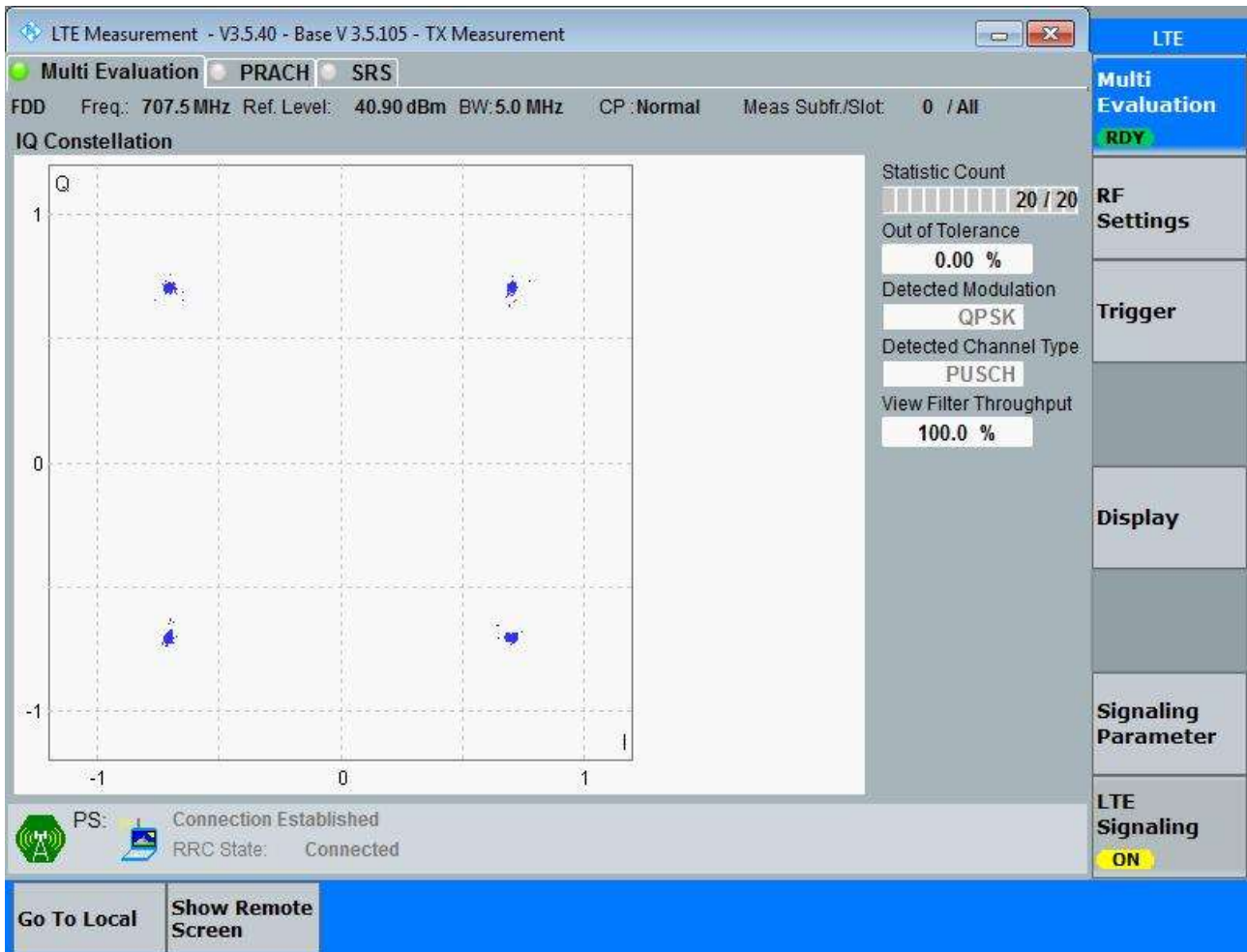
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

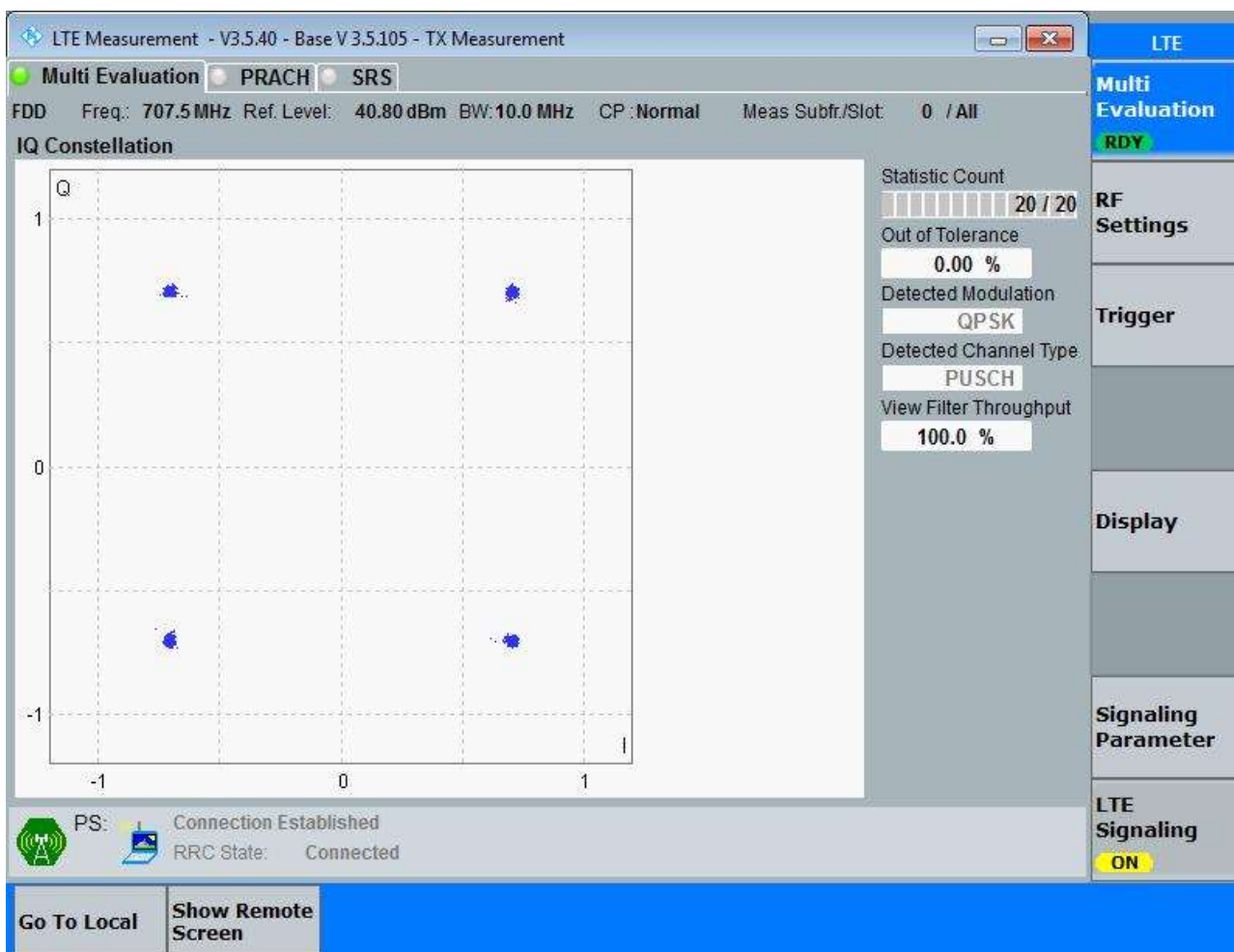
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 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

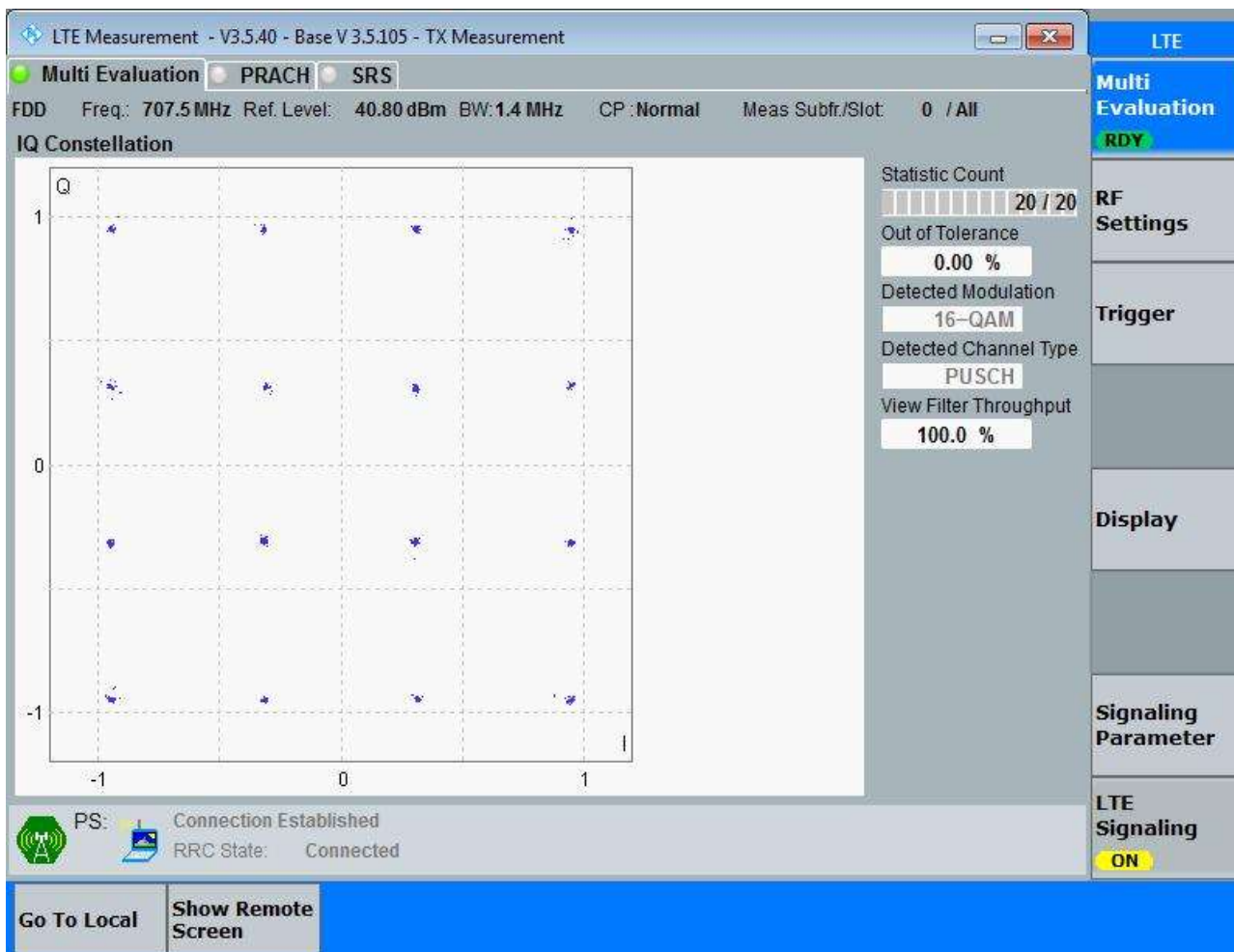


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

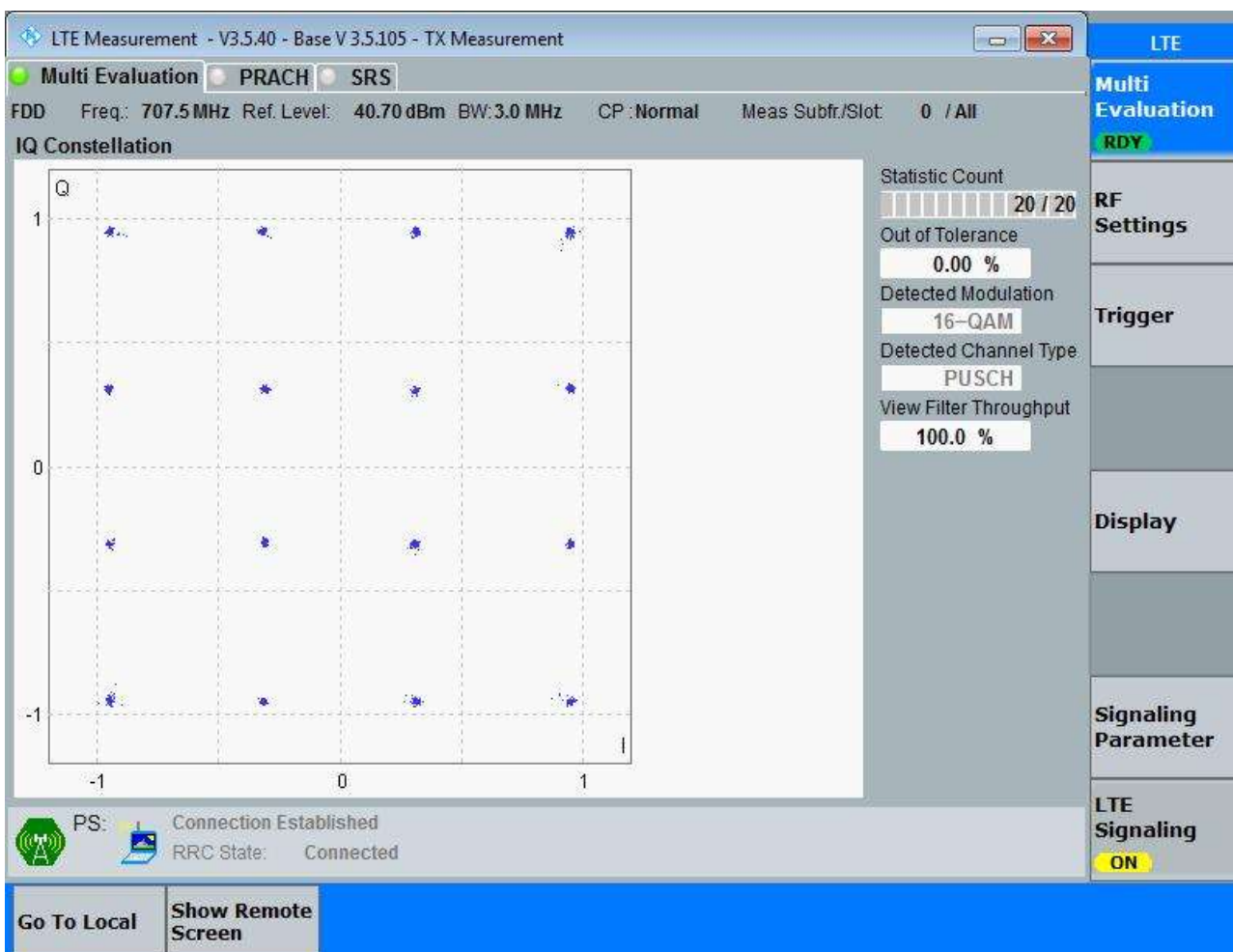
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 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

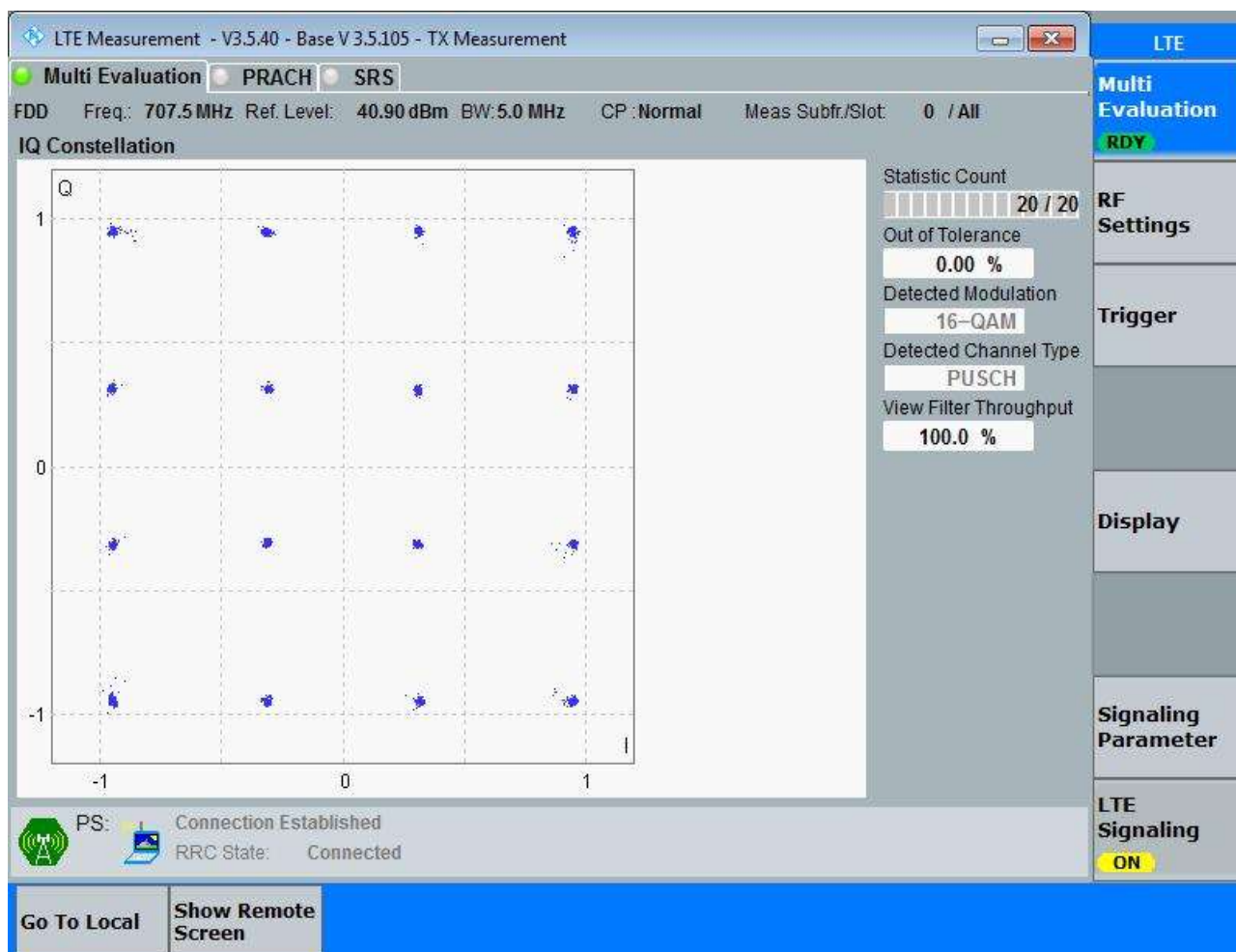




### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

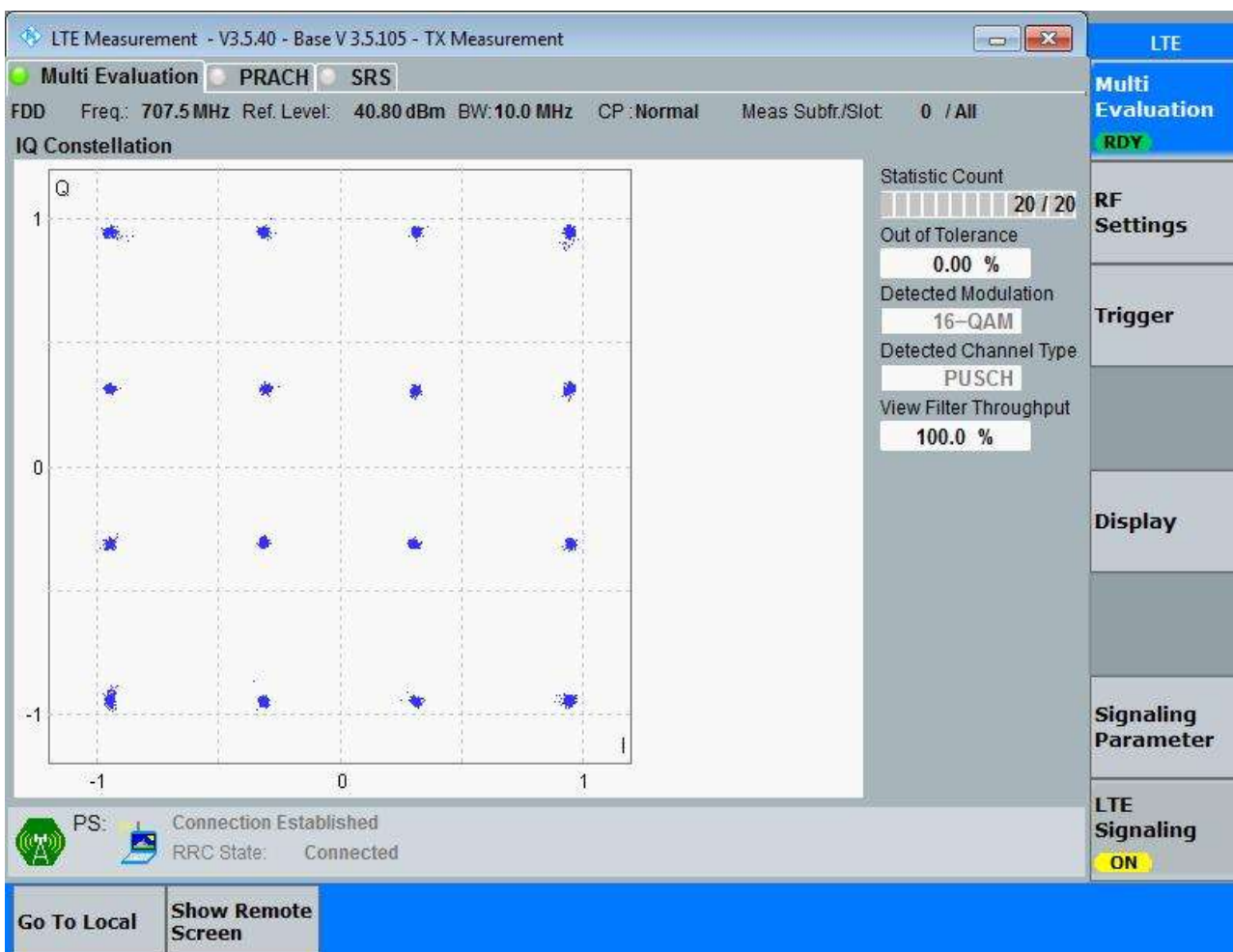
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 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
Band12	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	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.70	2.96	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.51	4.92	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	8.97	9.86	Pass
			MCH	RB50#0	8.98	9.81	Pass
			HCH	RB50#0	9.02	9.98	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.23	Pass
			MCH	RB6#0	1.09	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	2.98	Pass
			HCH	RB15#0	2.71	2.99	Pass
		5	LCH	RB25#0	4.51	4.91	Pass
			MCH	RB25#0	4.52	4.95	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	8.97	9.79	Pass
			MCH	RB50#0	8.99	9.82	Pass
			HCH	RB50#0	9.02	9.89	Pass

**Part II - Test Plots**

**4.1 For LTE**

**4.1.1 Test Band = Band12**

**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 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

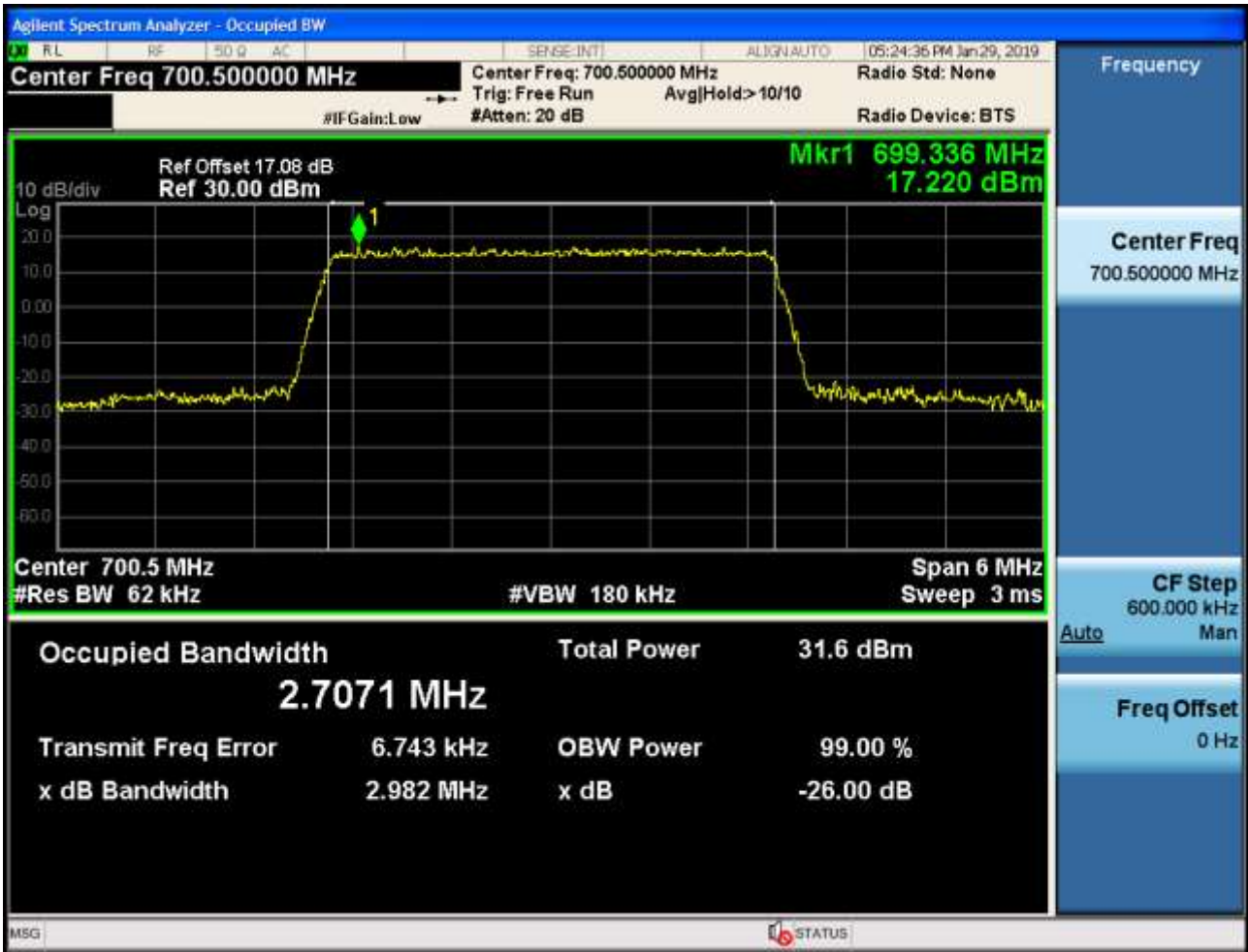
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

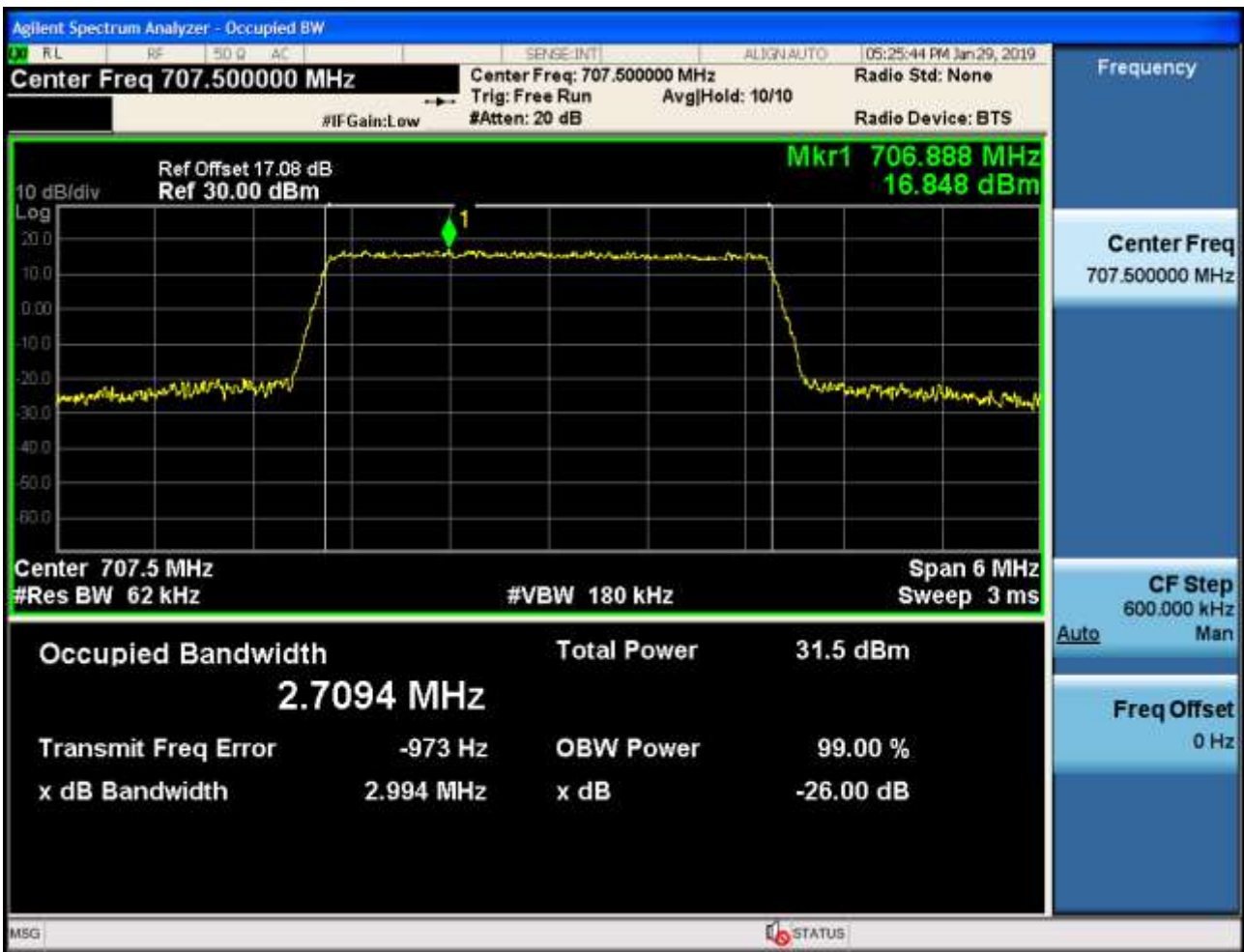
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



4.1.1.1.2.2 Test Channel = MCH

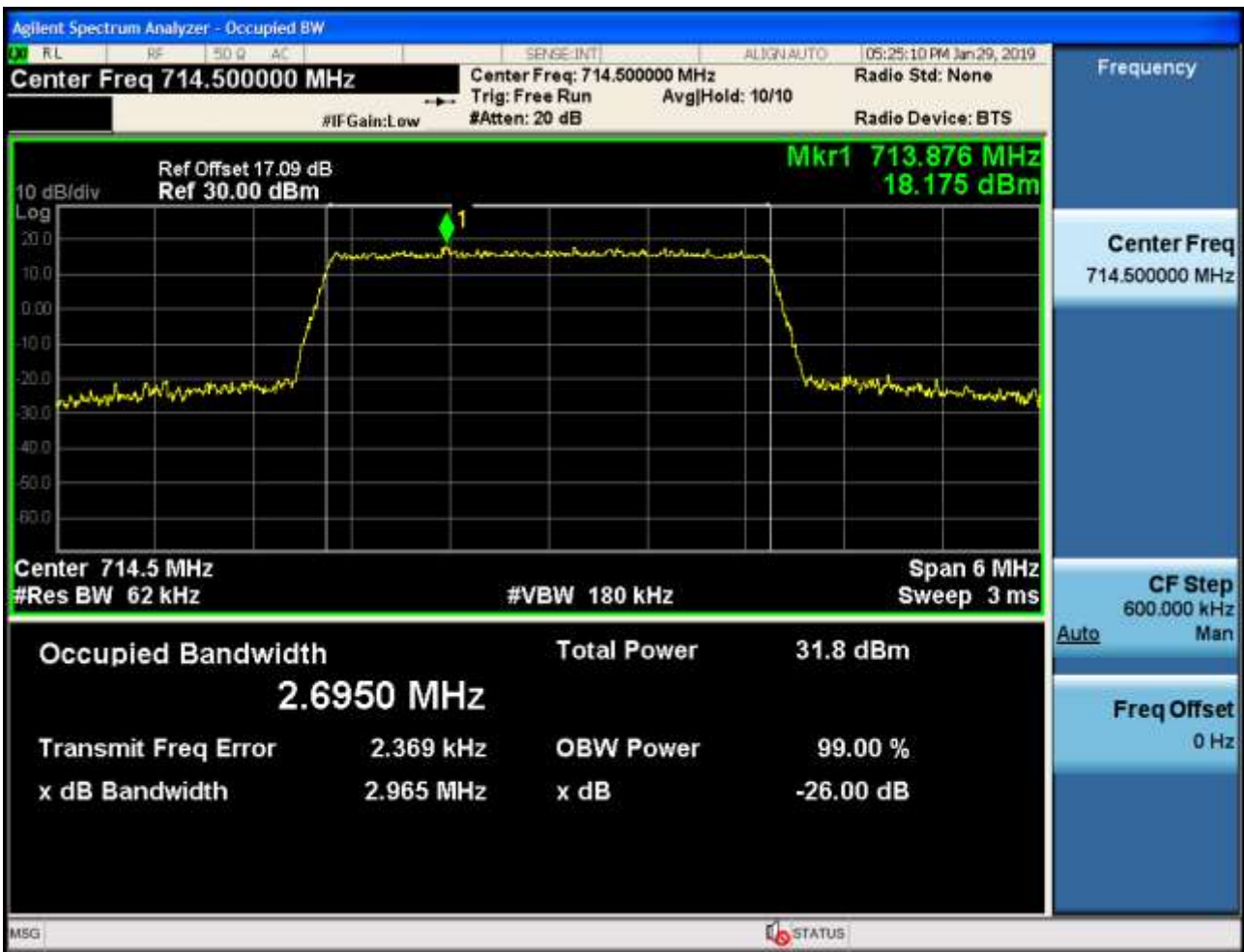
4.1.1.1.2.2.1 Test RB = RB15#0





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

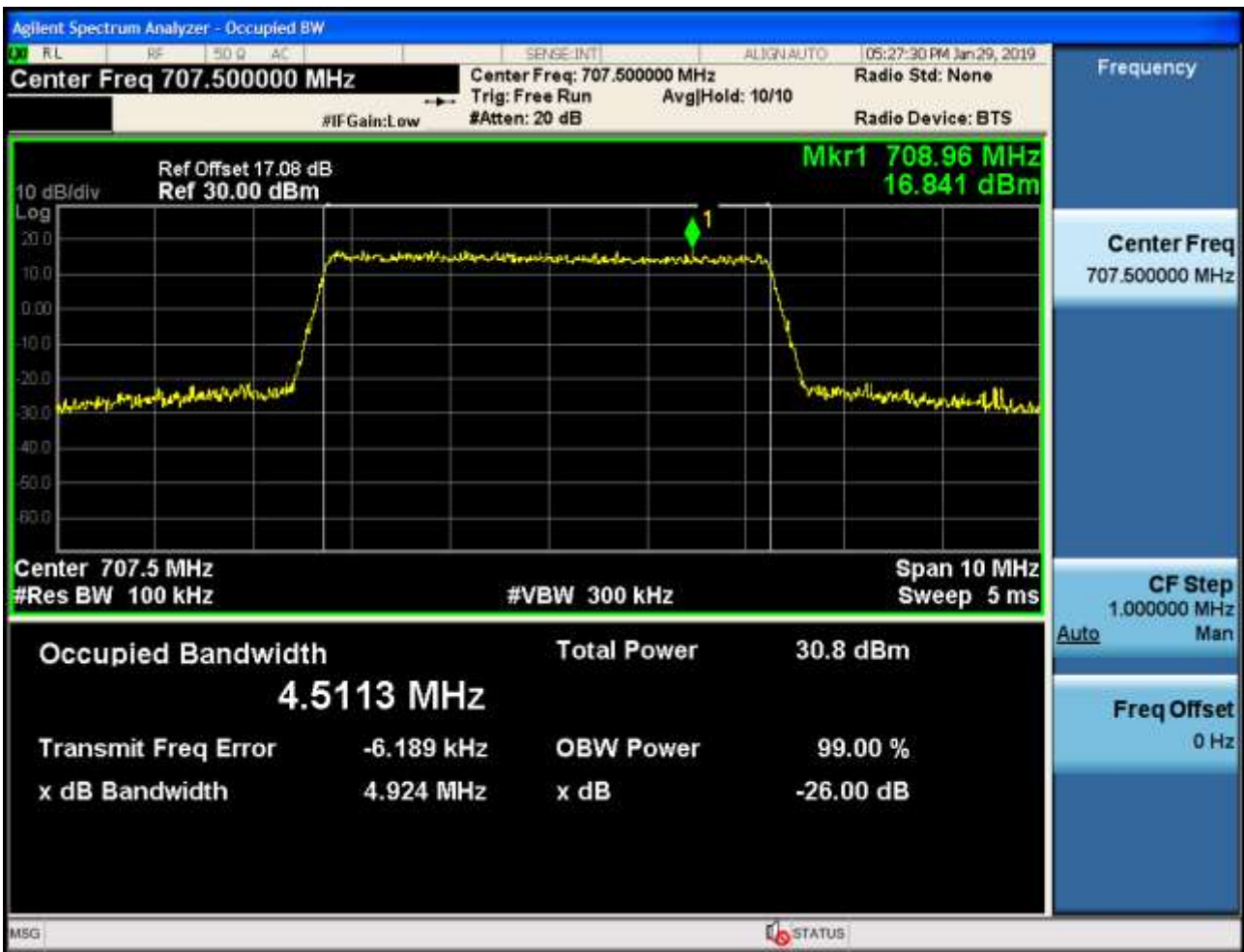
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 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

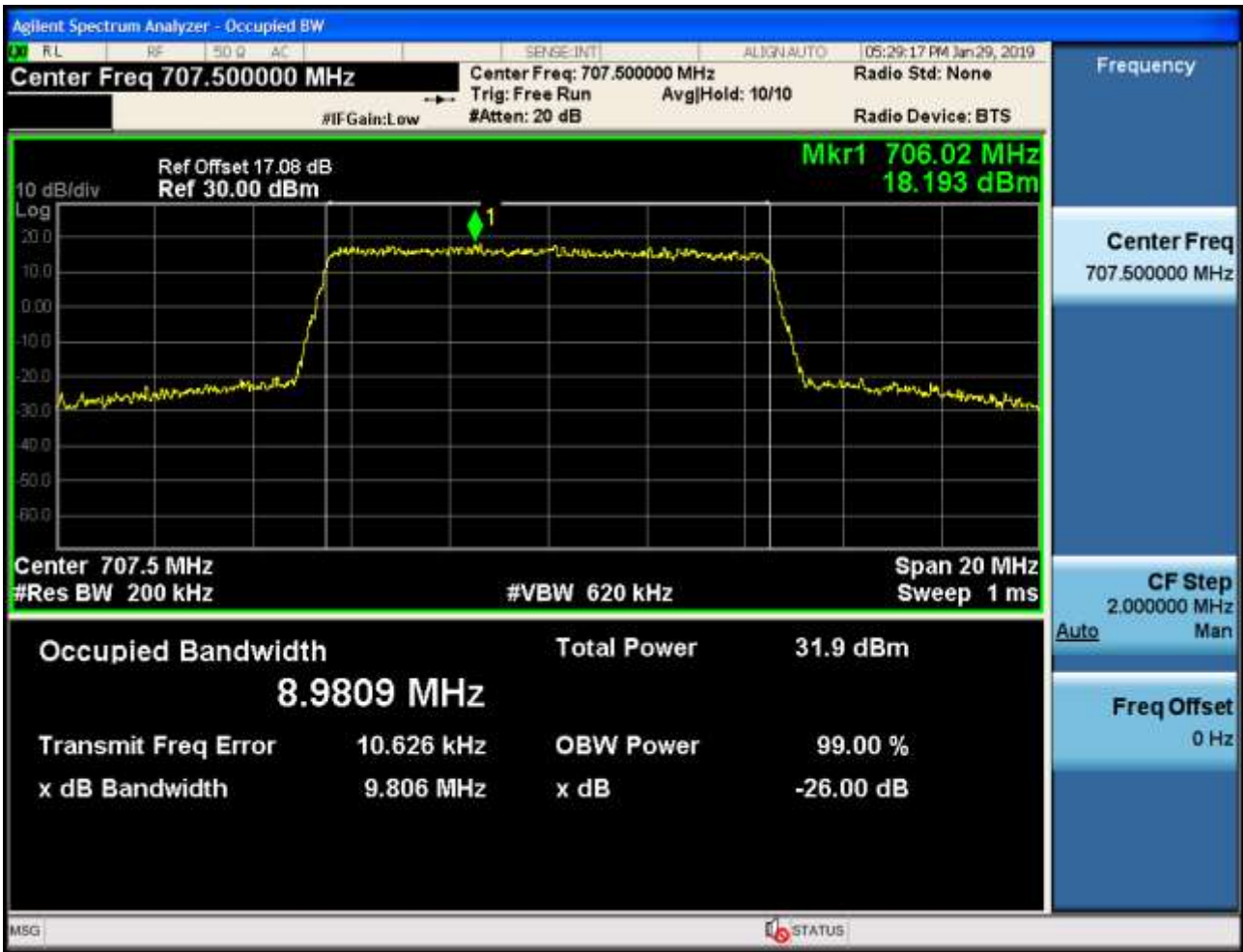
4.1.1.1.4.1 Test Channel = LCH

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

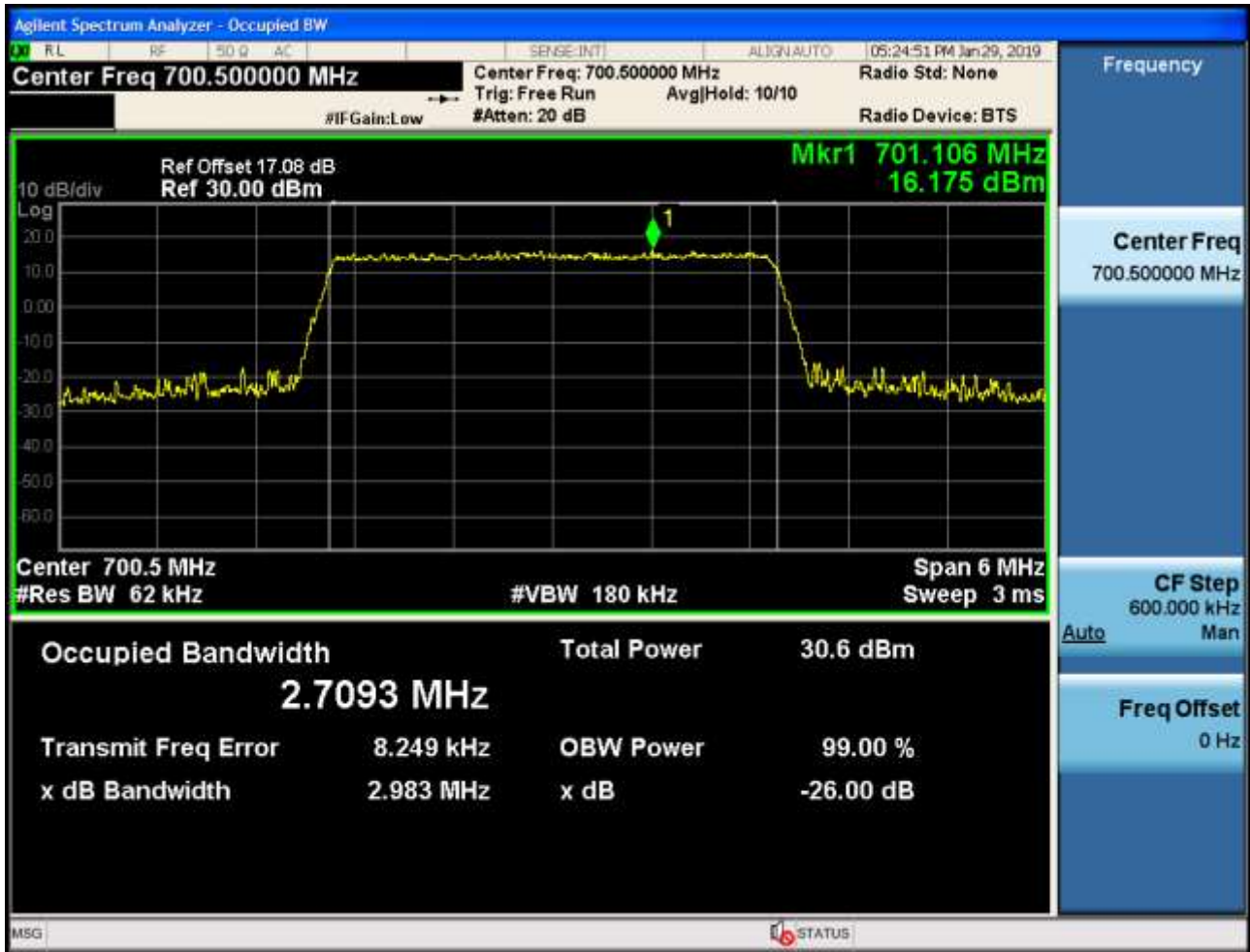
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

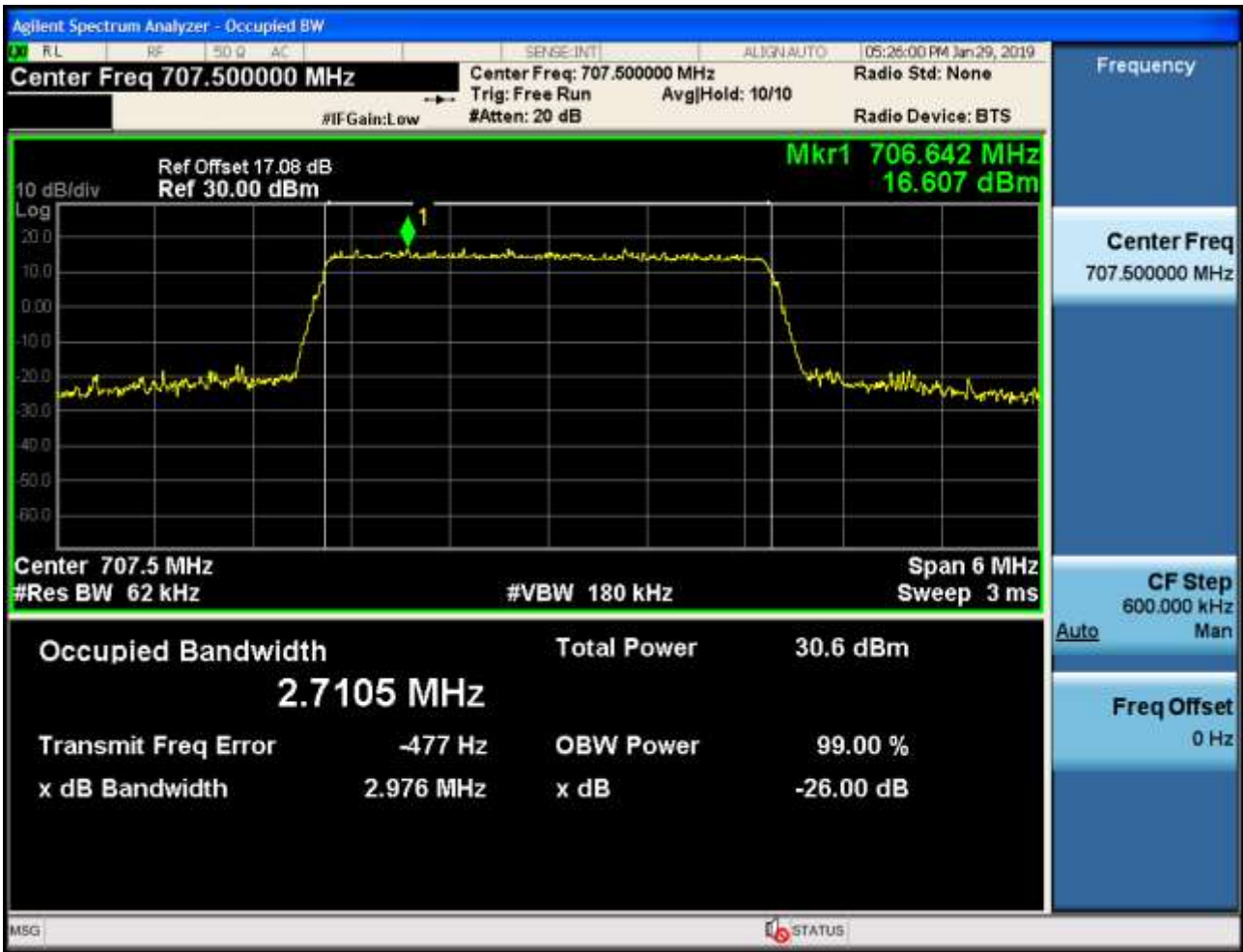
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



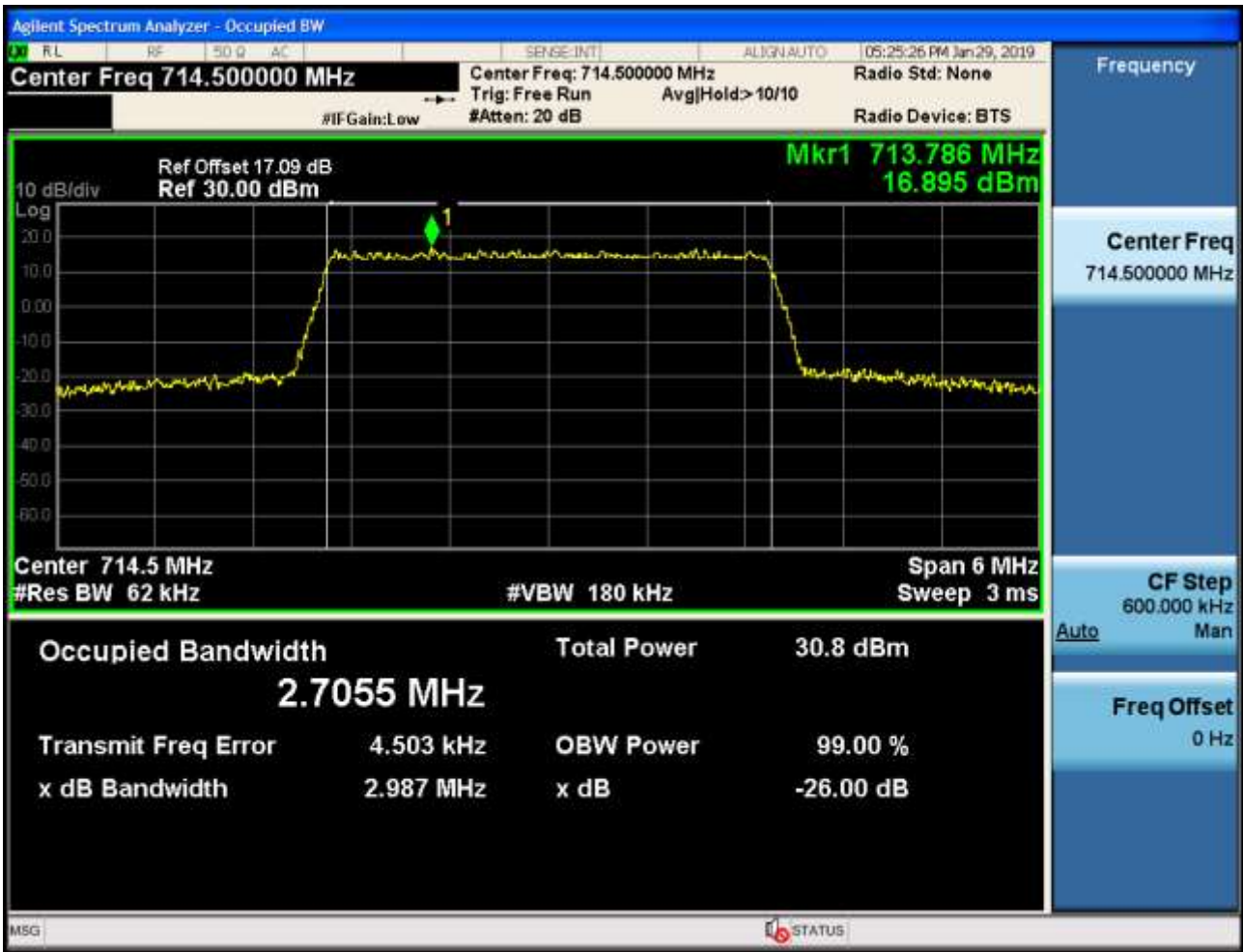
4.1.1.2.2 Test Channel = MCH

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

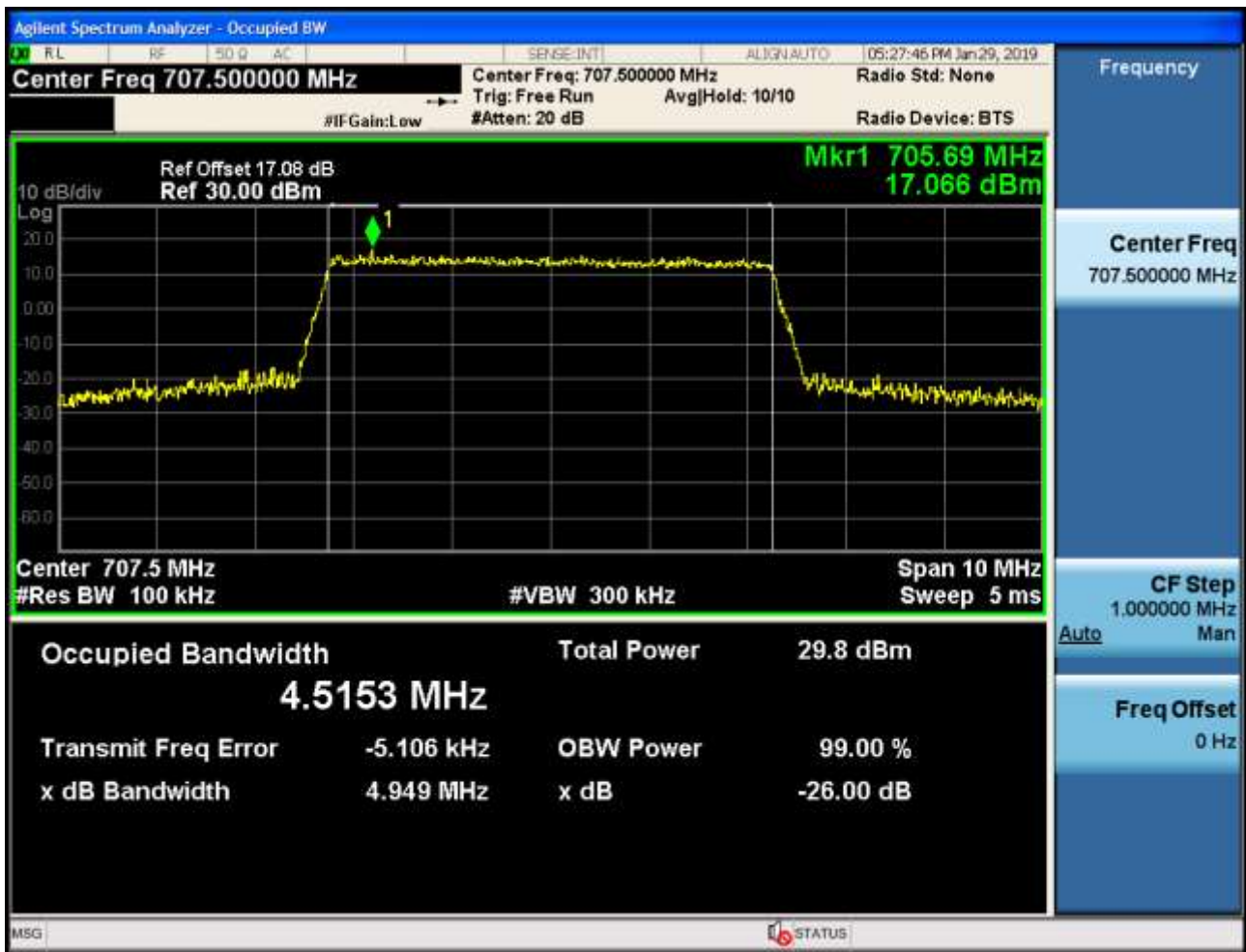
4.1.1.2.3.1 Test Channel = LCH

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

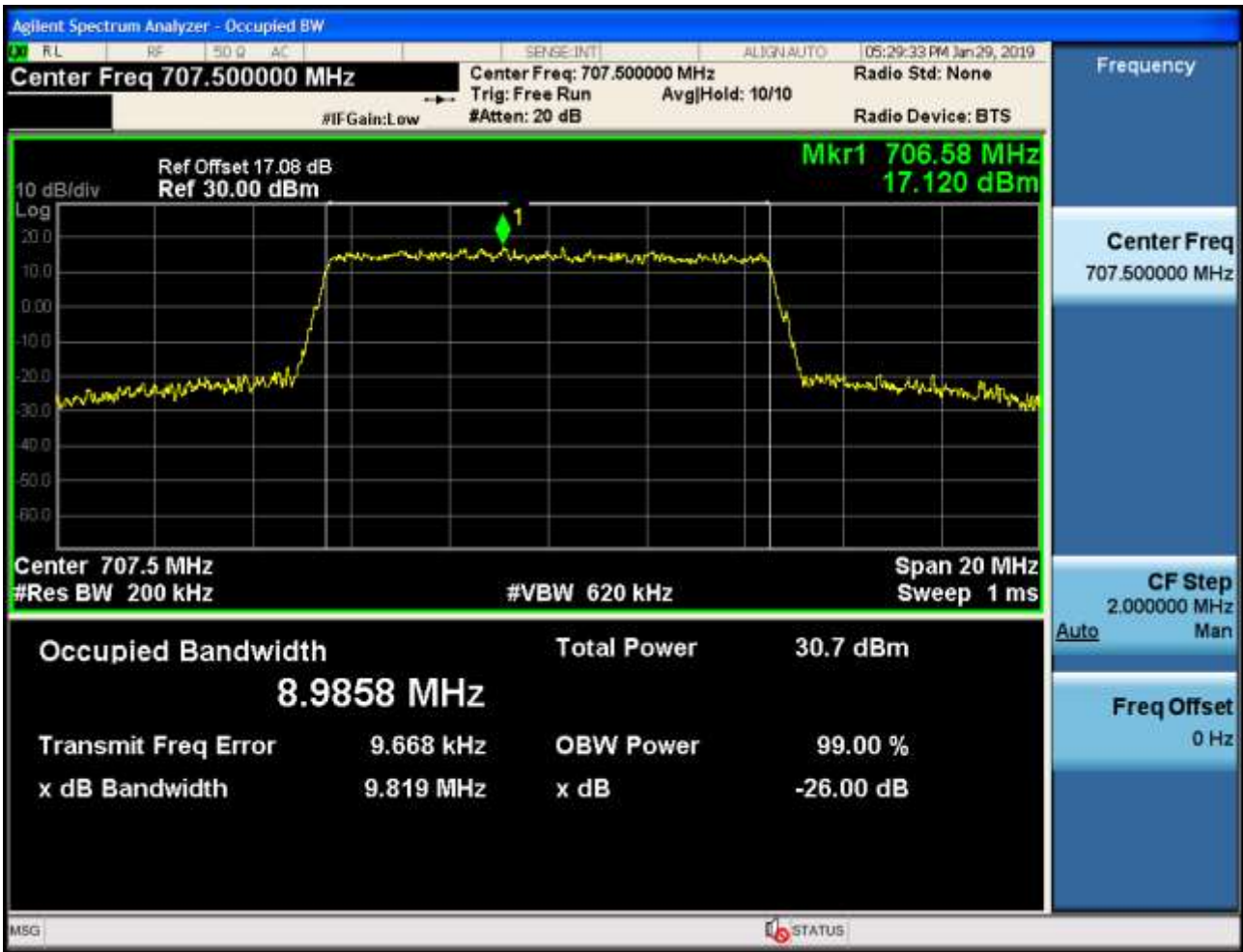
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



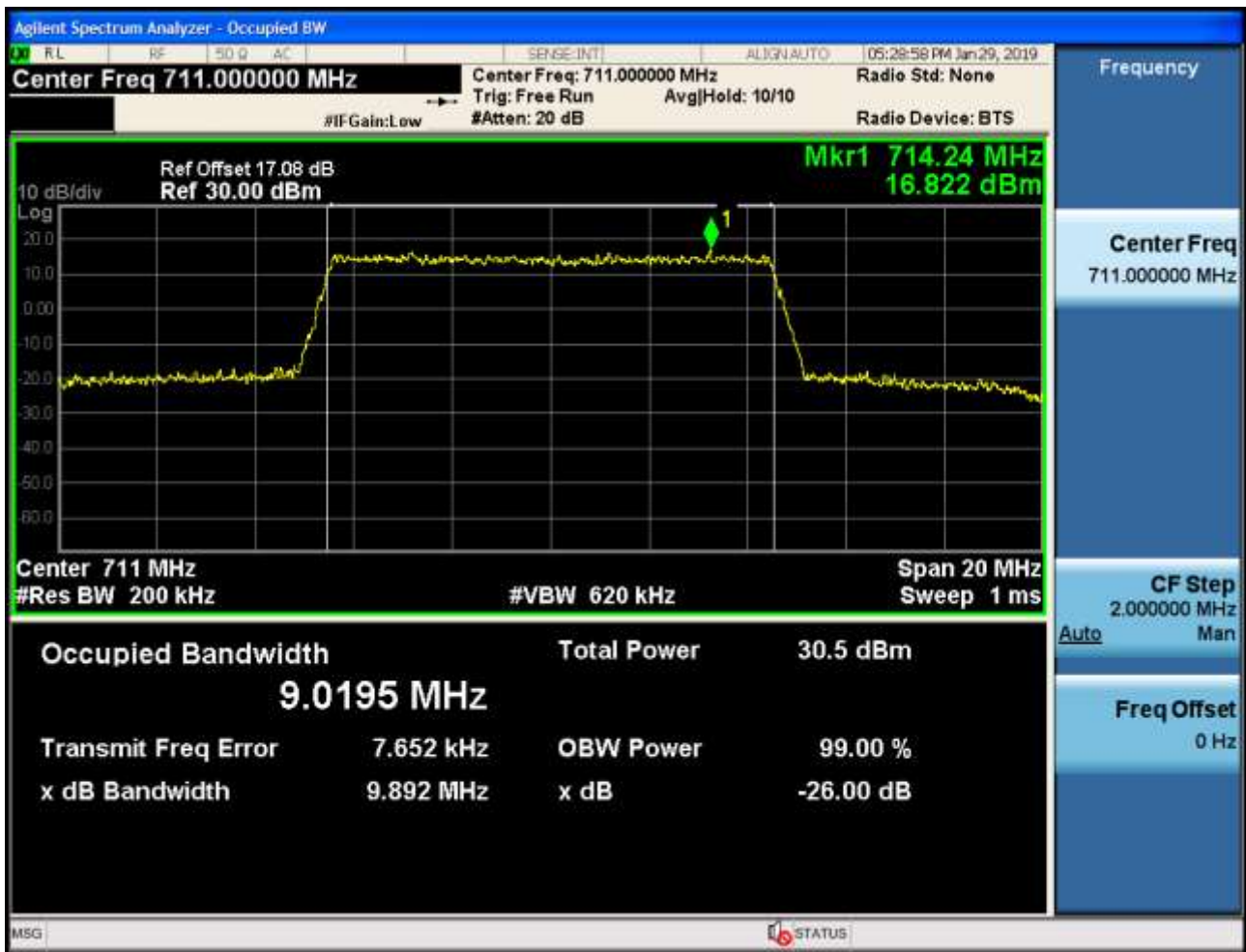
4.1.1.2.4.2 Test Channel = MCH

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 = Band12

##### 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



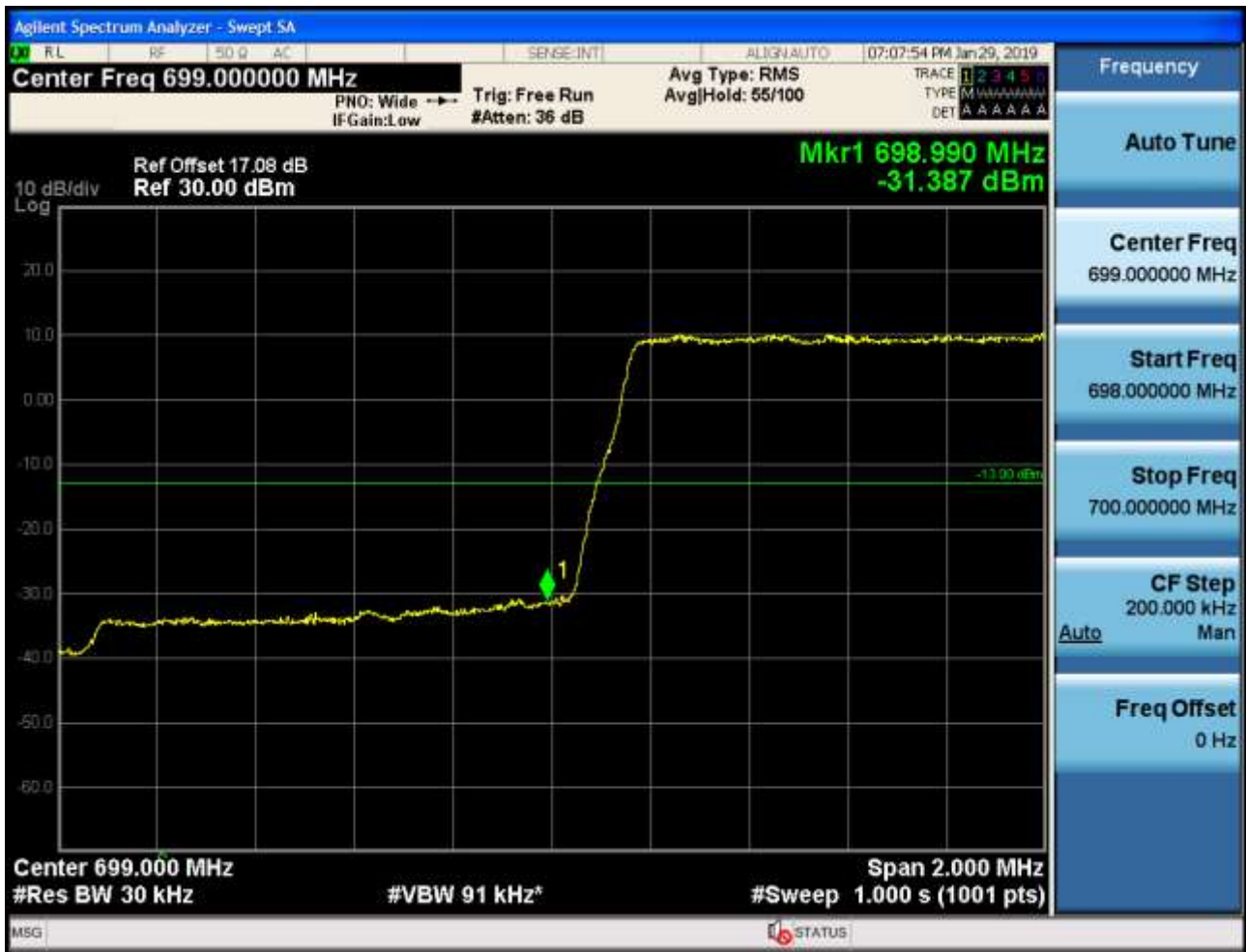
## 5.1.1.1.1.2 Test RB = RB1#5



## 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





5.1.1.1.2.4 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





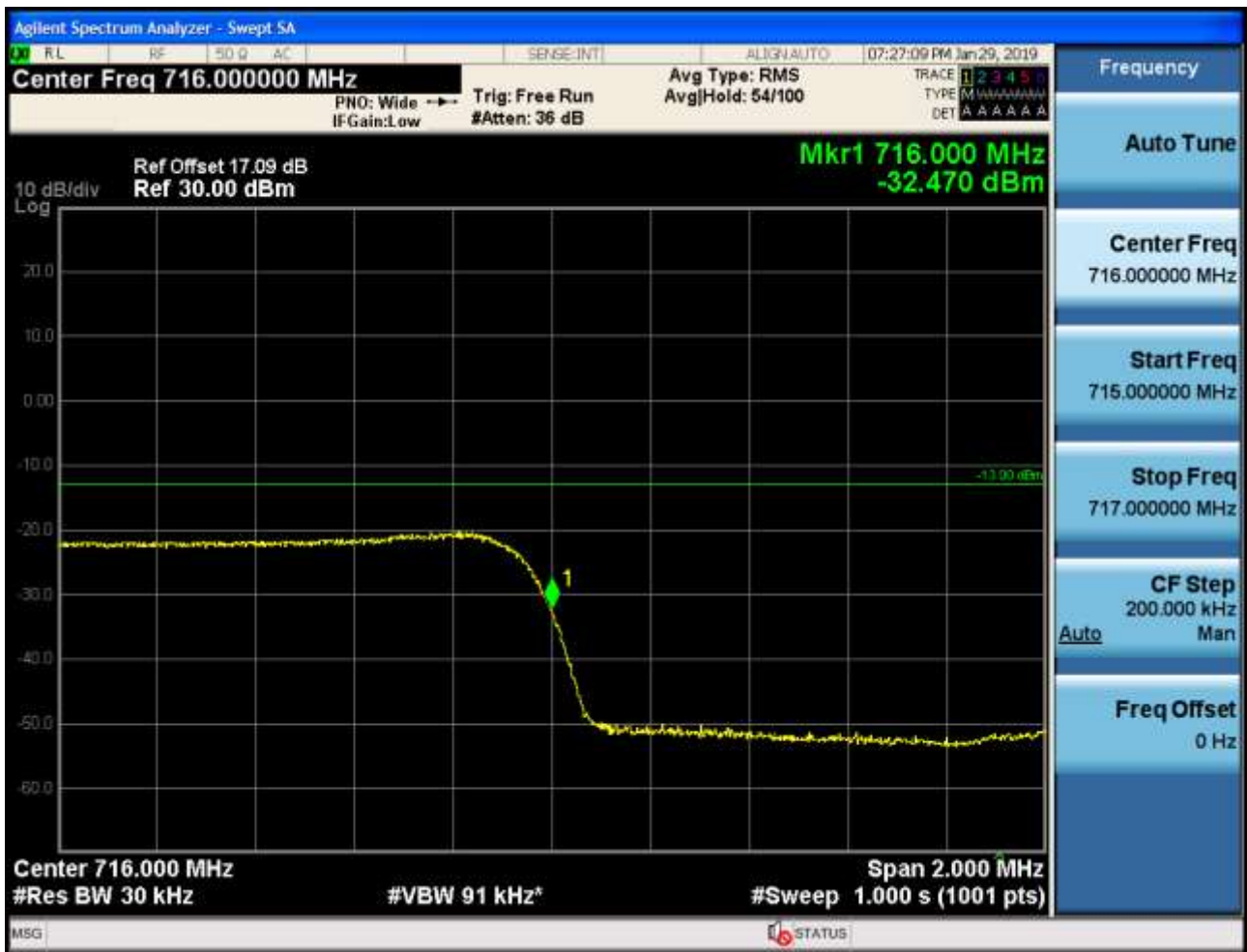
5.1.1.1.2.1.4 Test RB = RB15#0





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

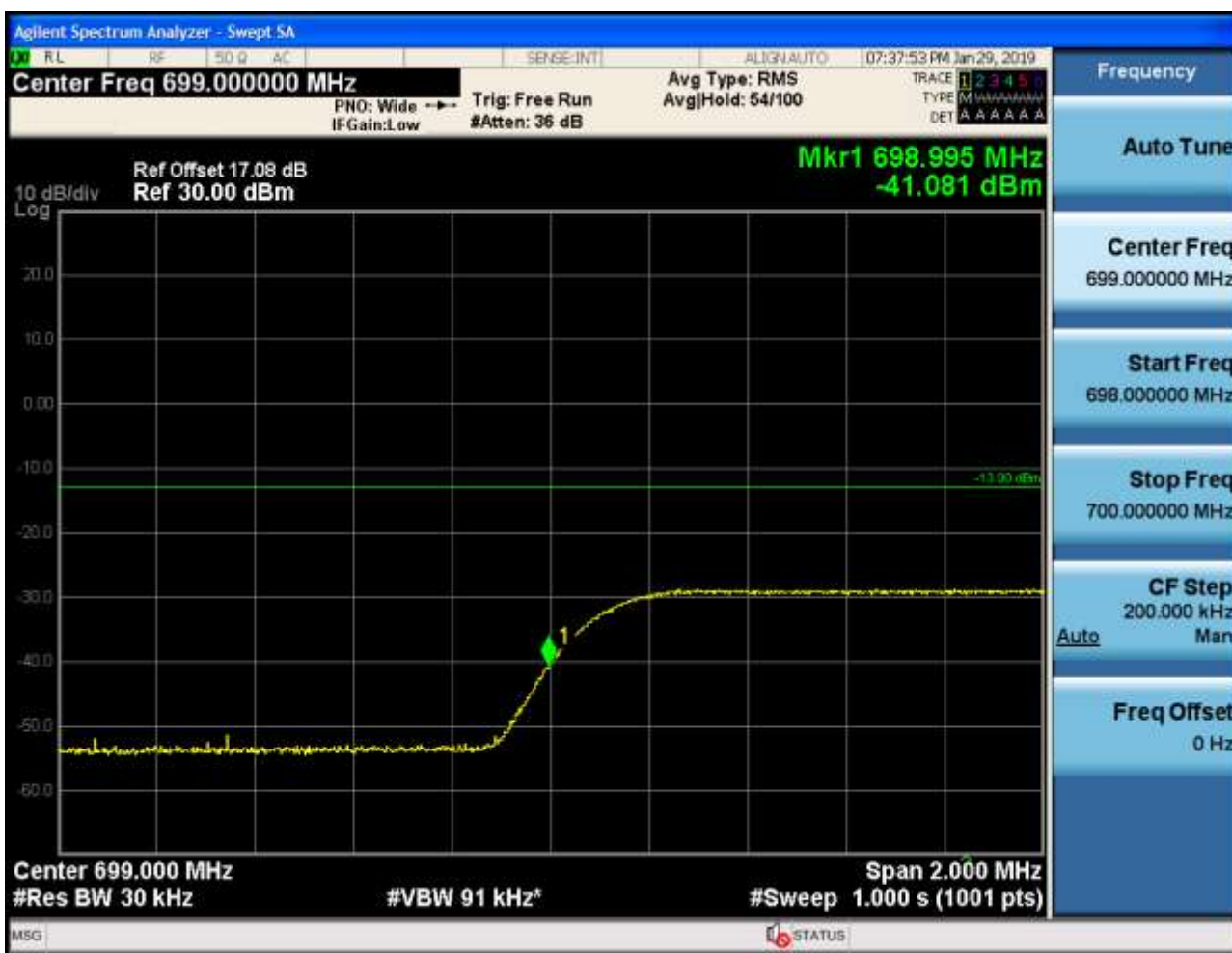
## 5.1.1.1.3.1 Test Channel = LCH

## 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



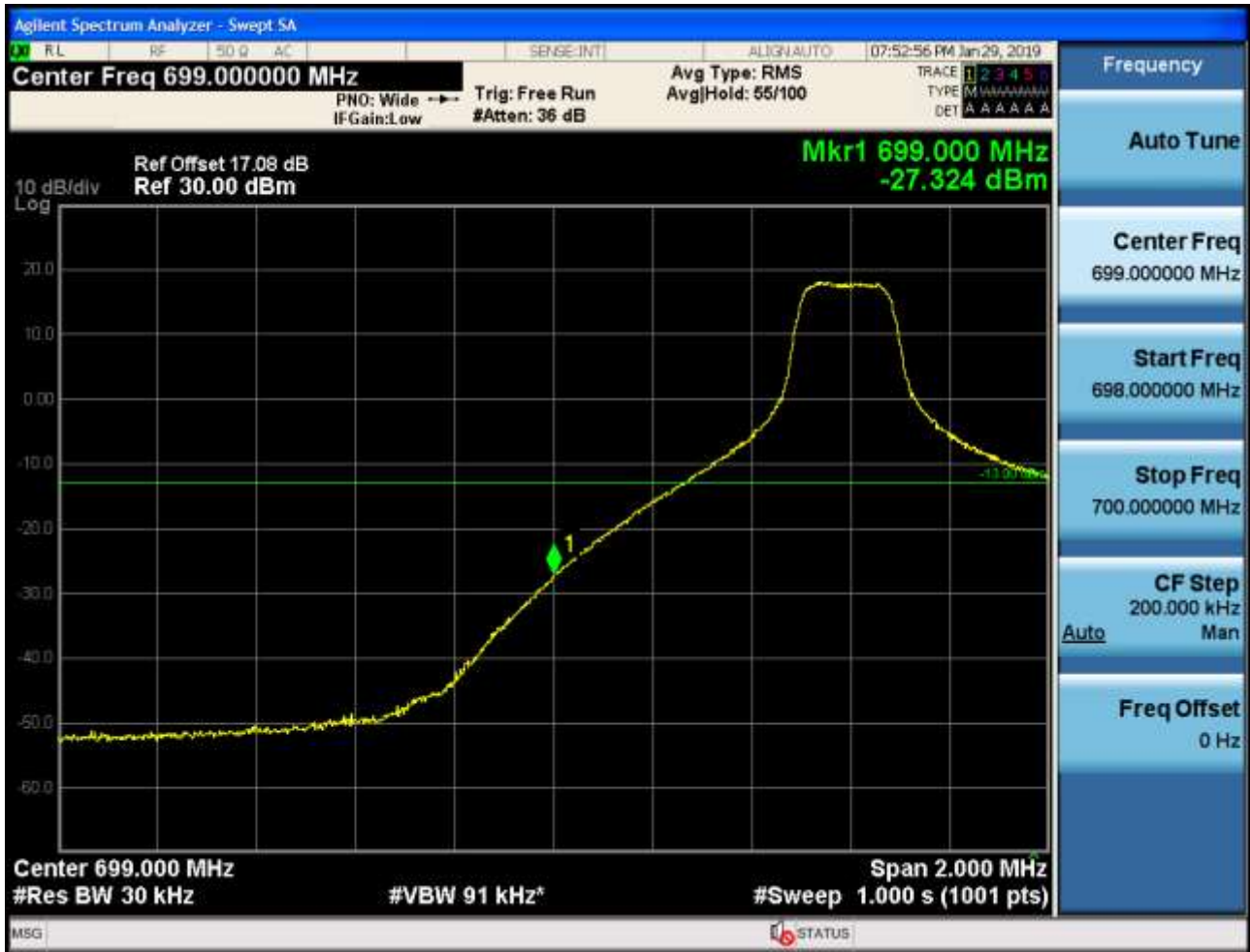
## 5.1.1.1.3.2.4 Test RB = RB25#0



## 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



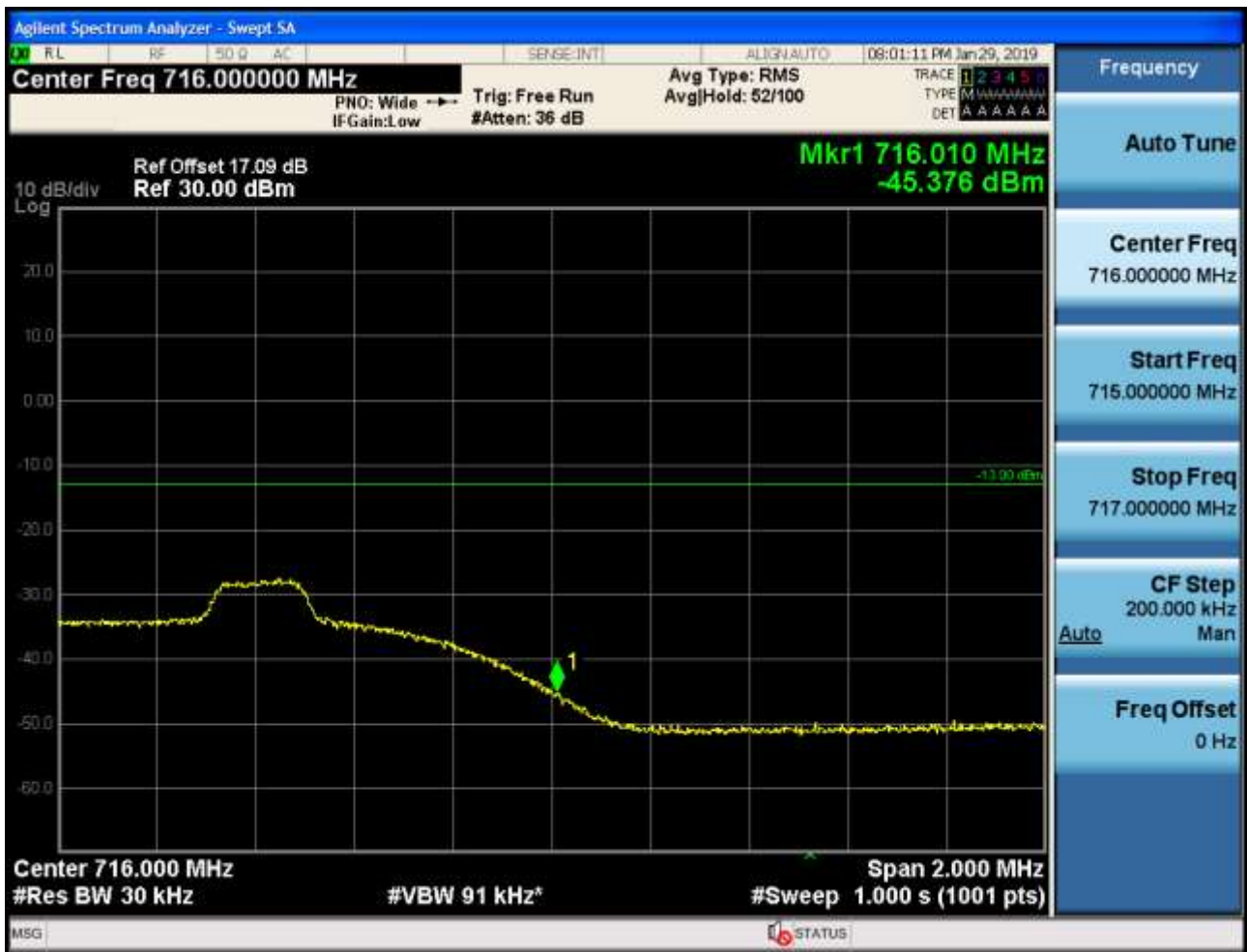


5.1.1.1.4.1.4 Test RB = RB50#0



## 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

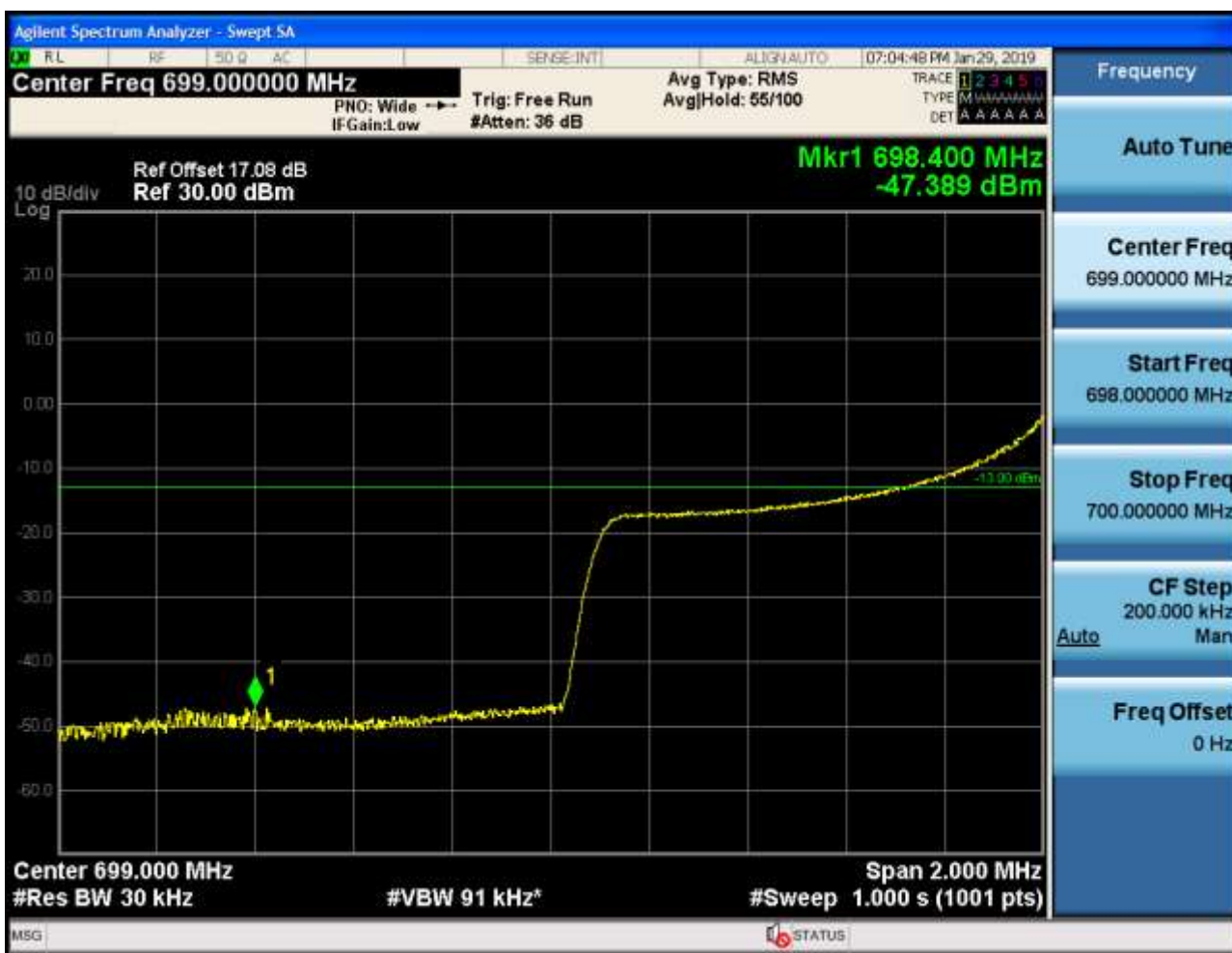
##### 5.1.1.2.1.1 Test Channel = LCH

###### 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



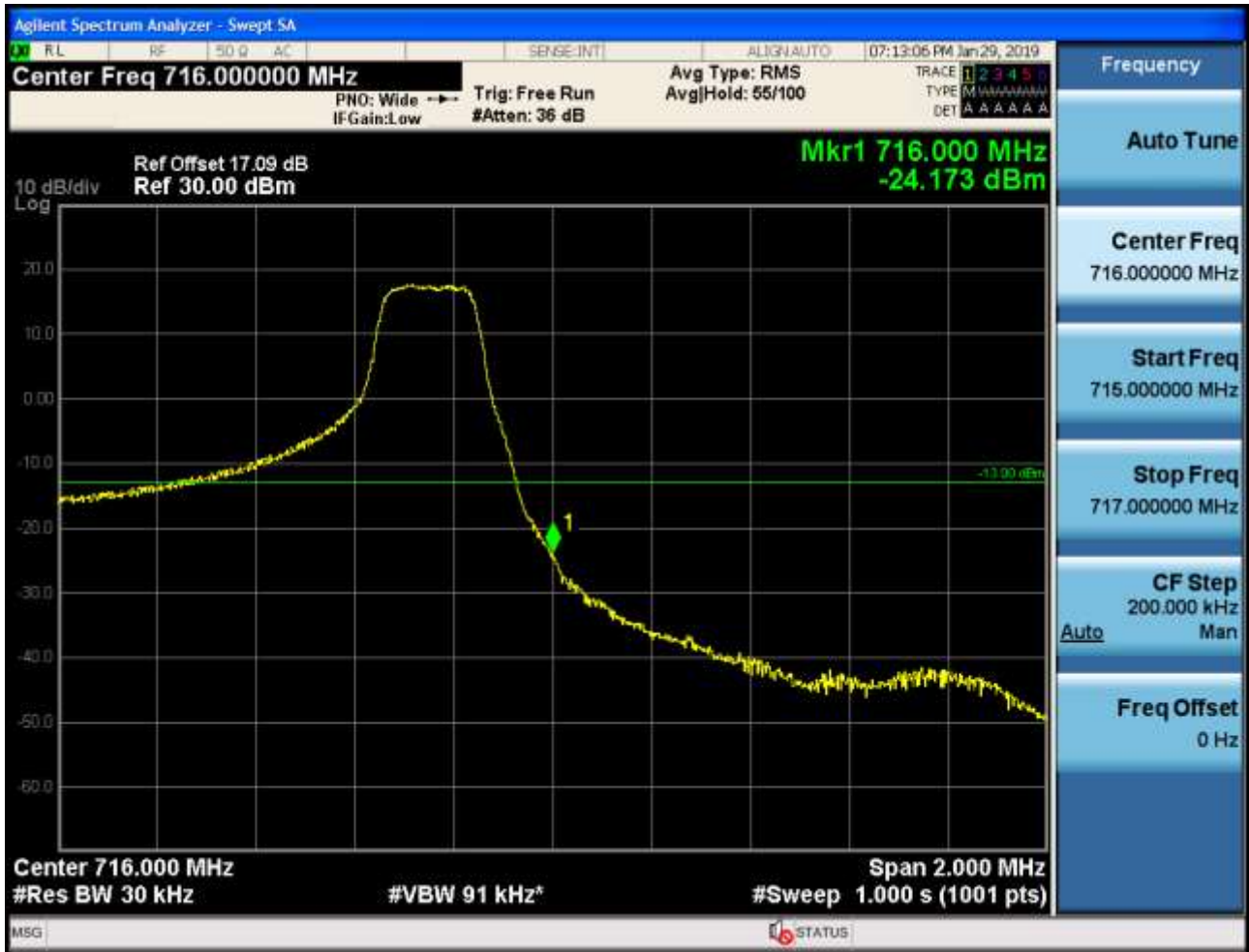
## 5.1.1.2.1.2 Test Channel = HCH

## 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





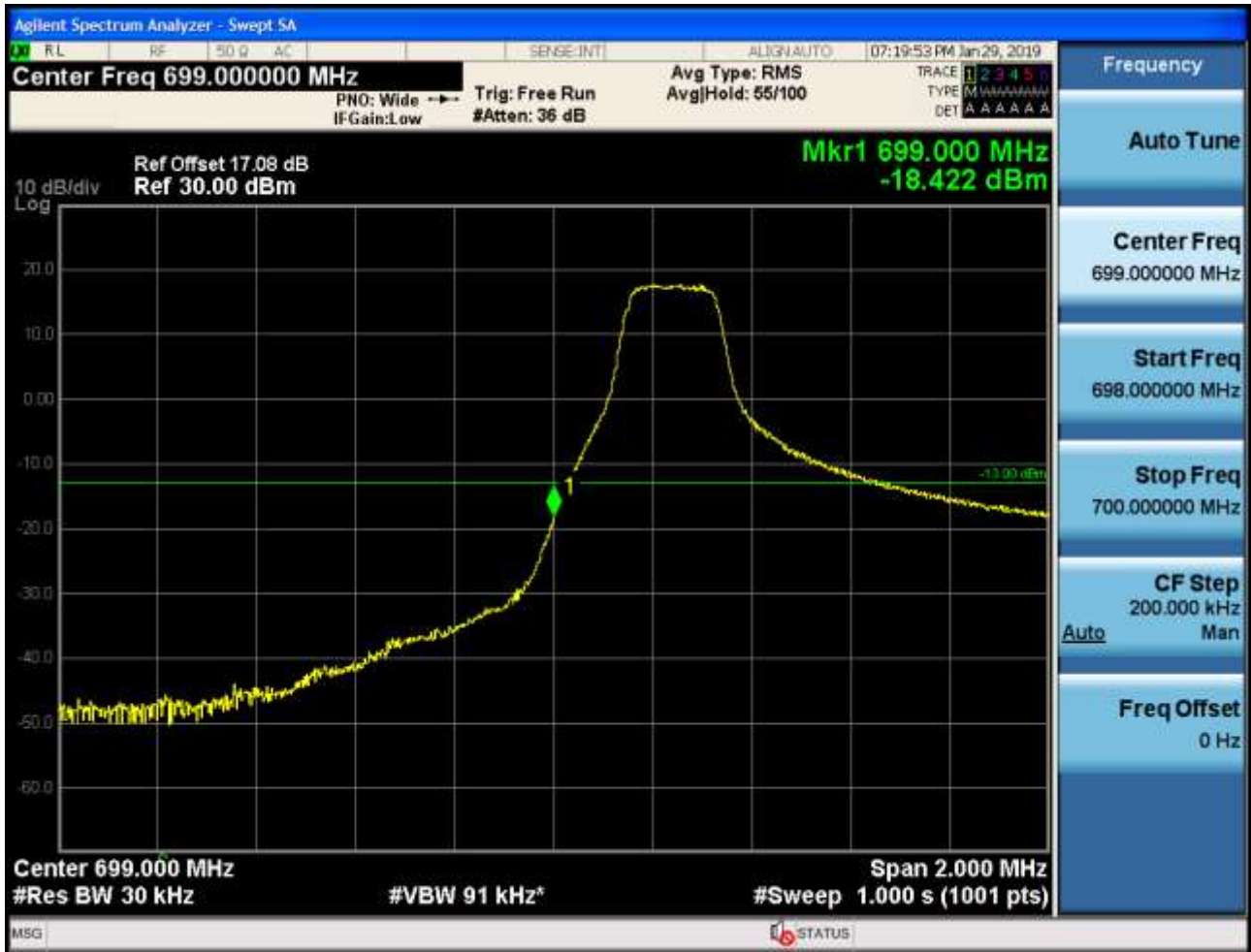
5.1.1.2.1.2.4 Test RB = RB6#0



## 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

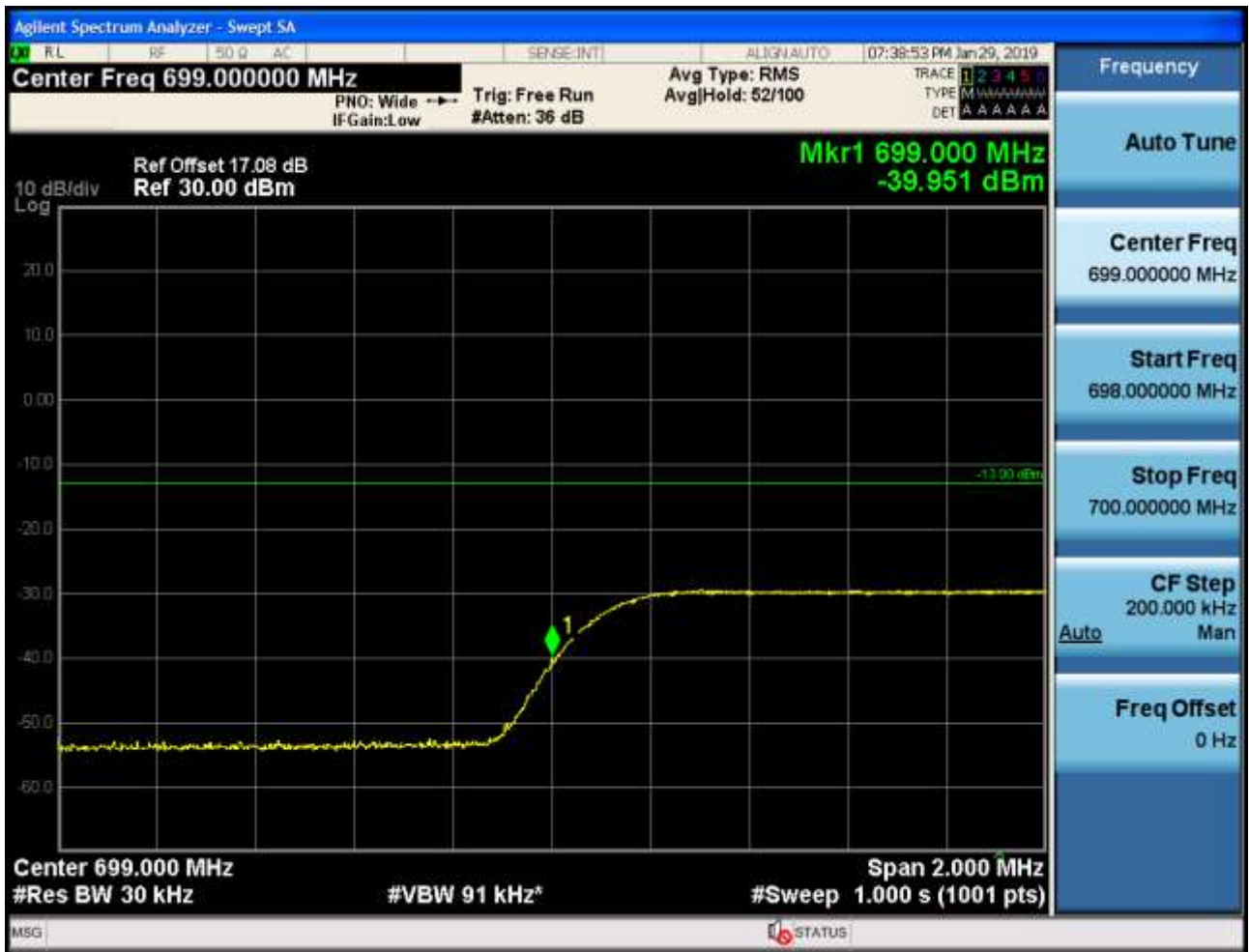
## 5.1.1.2.3.1 Test Channel = LCH

## 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



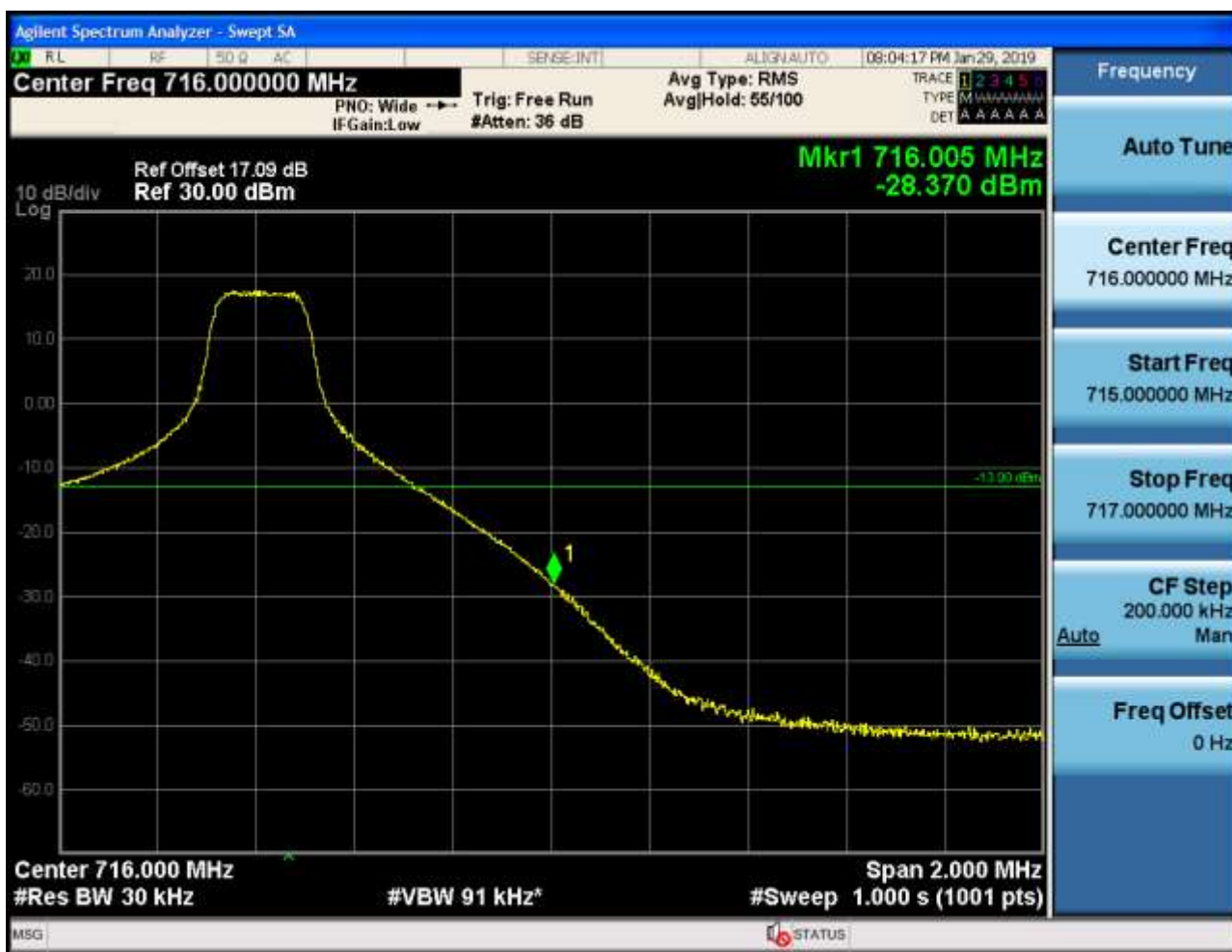
## 5.1.1.2.4.2 Test Channel = HCH

## 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 = Band12

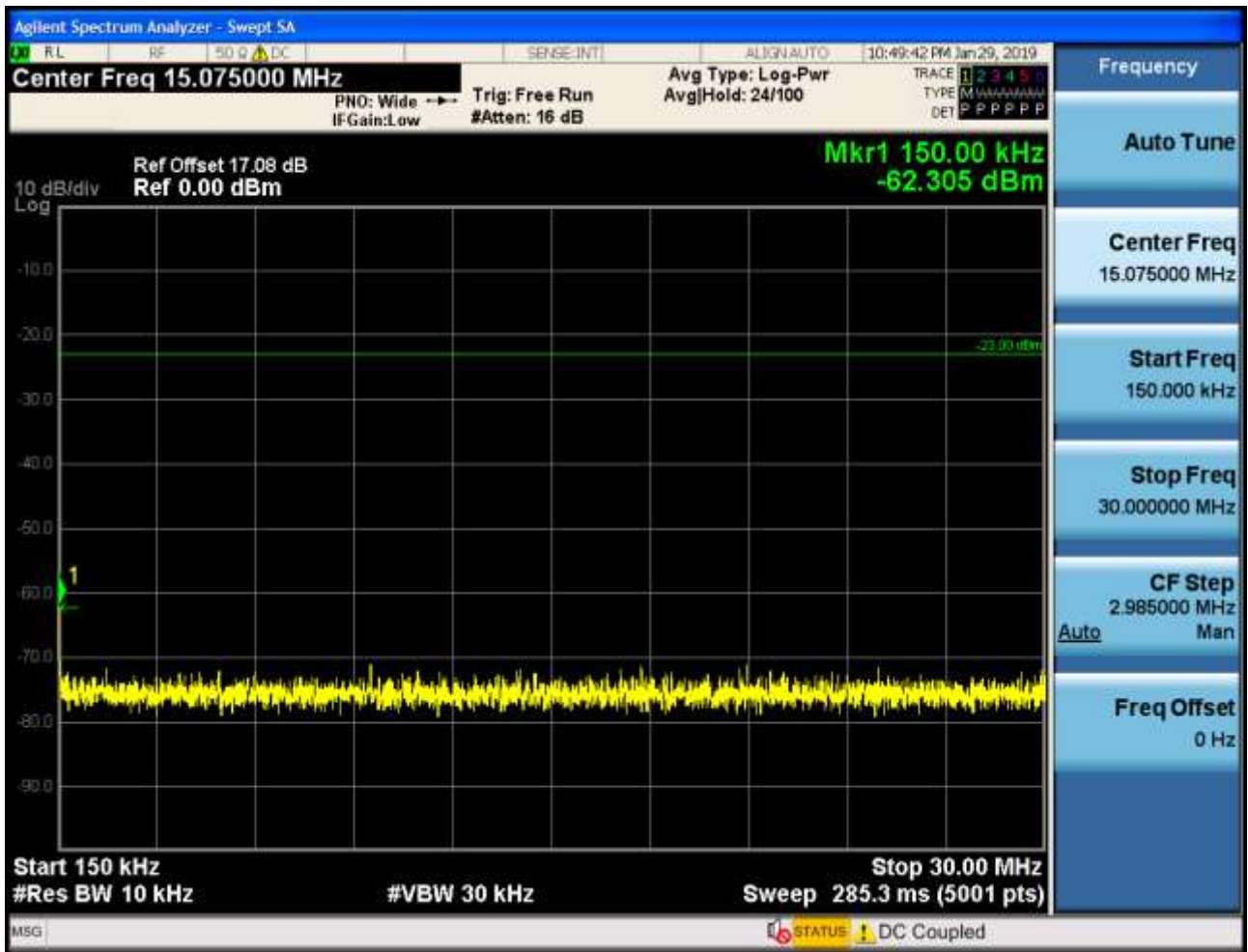
##### 6.1.1.1 Test Mode = LTE/TM1

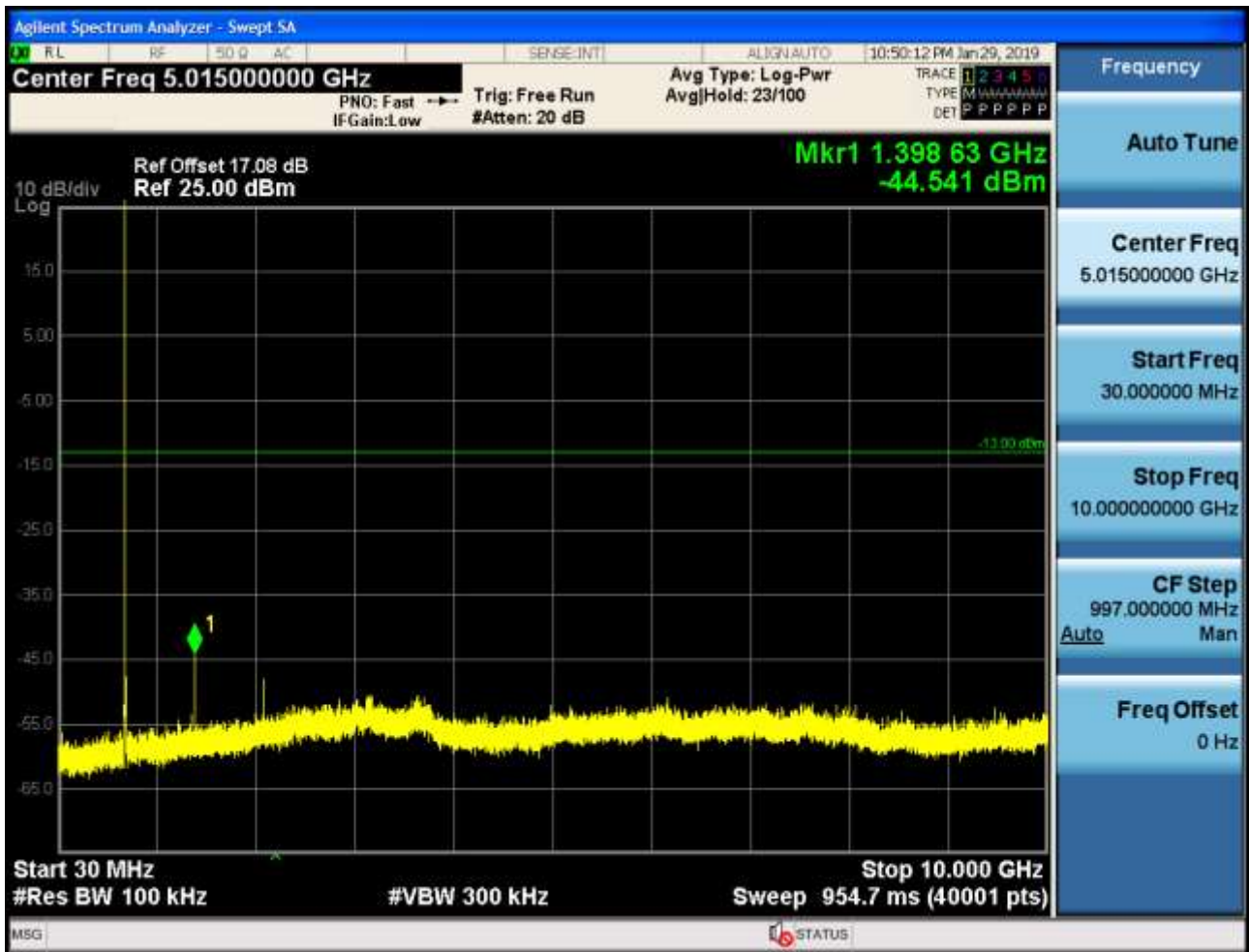
##### 6.1.1.1.1 Test Bandwidth = 1.4

##### 6.1.1.1.1.1 Test Channel = LCH

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





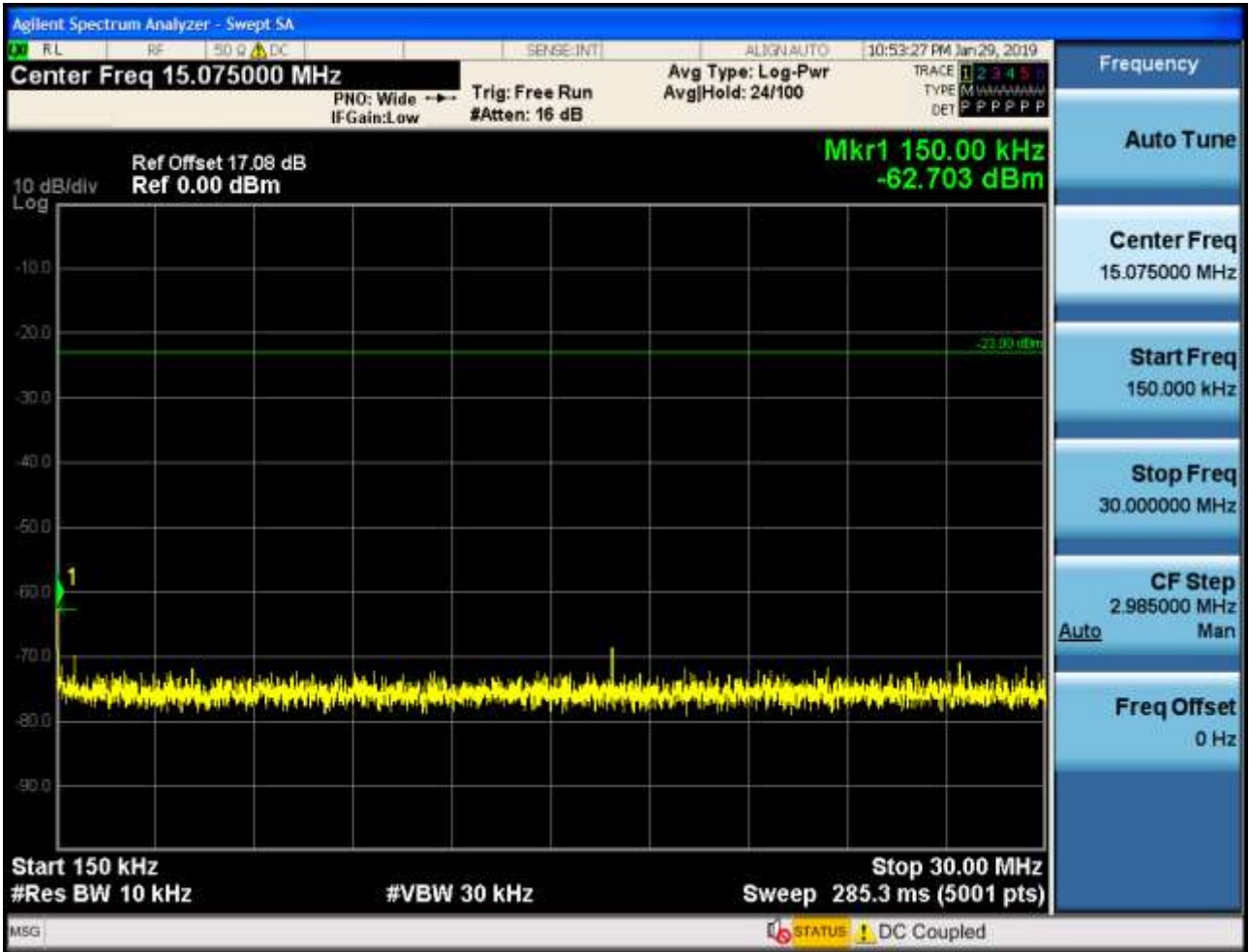


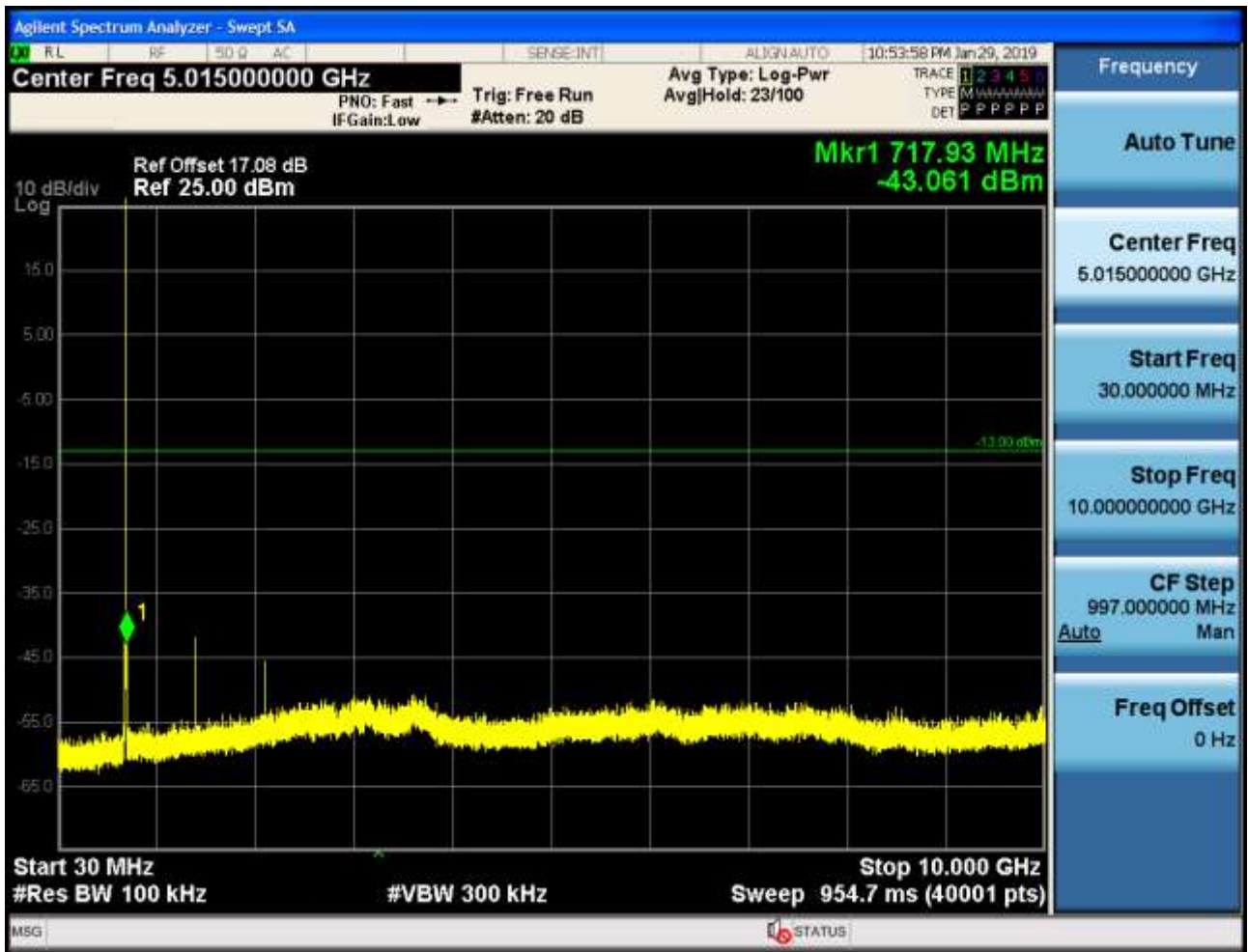
## 6.1.1.1.1.2 Test Channel = MCH

## 6.1.1.1.1.2.1 Test RB = RB1#0





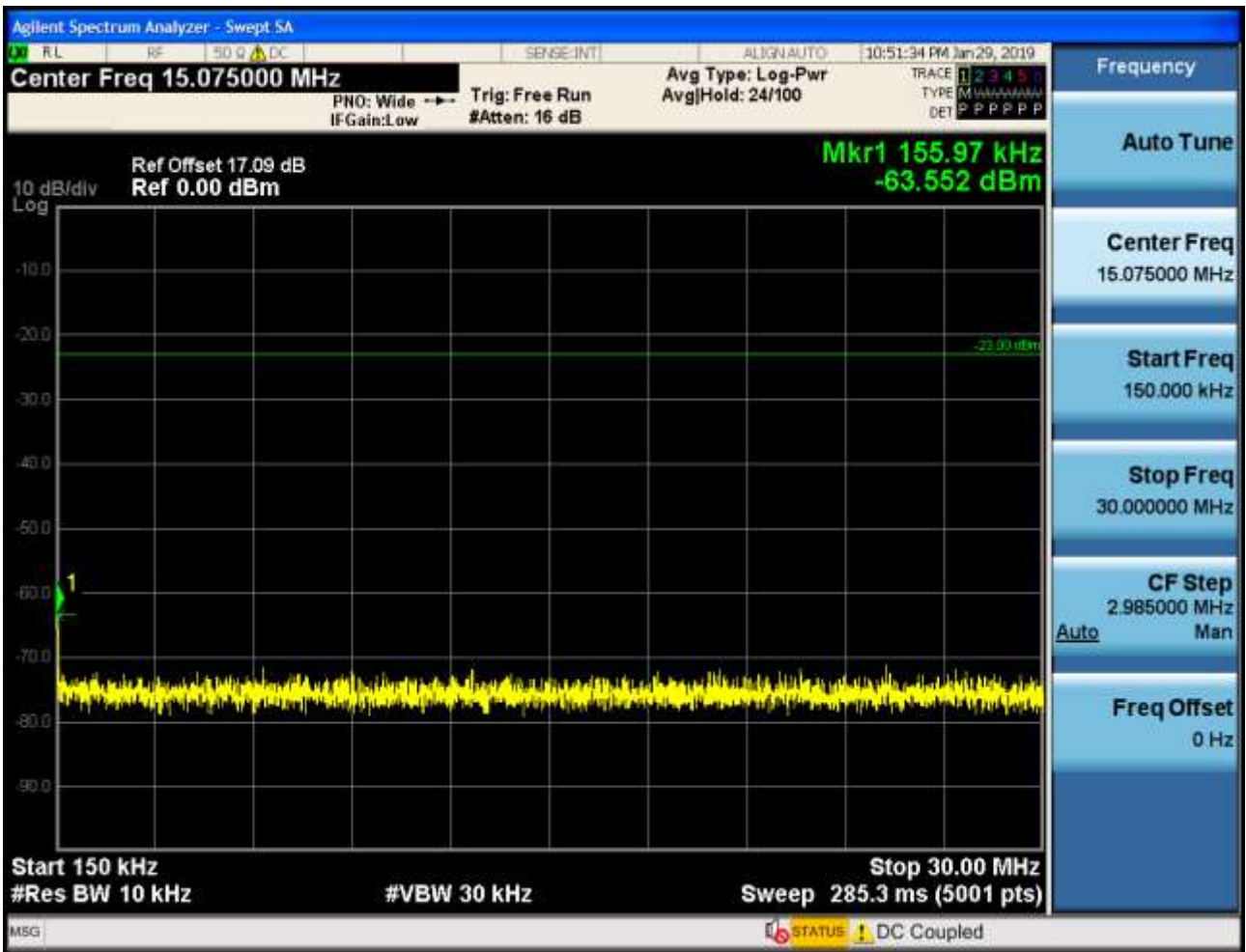


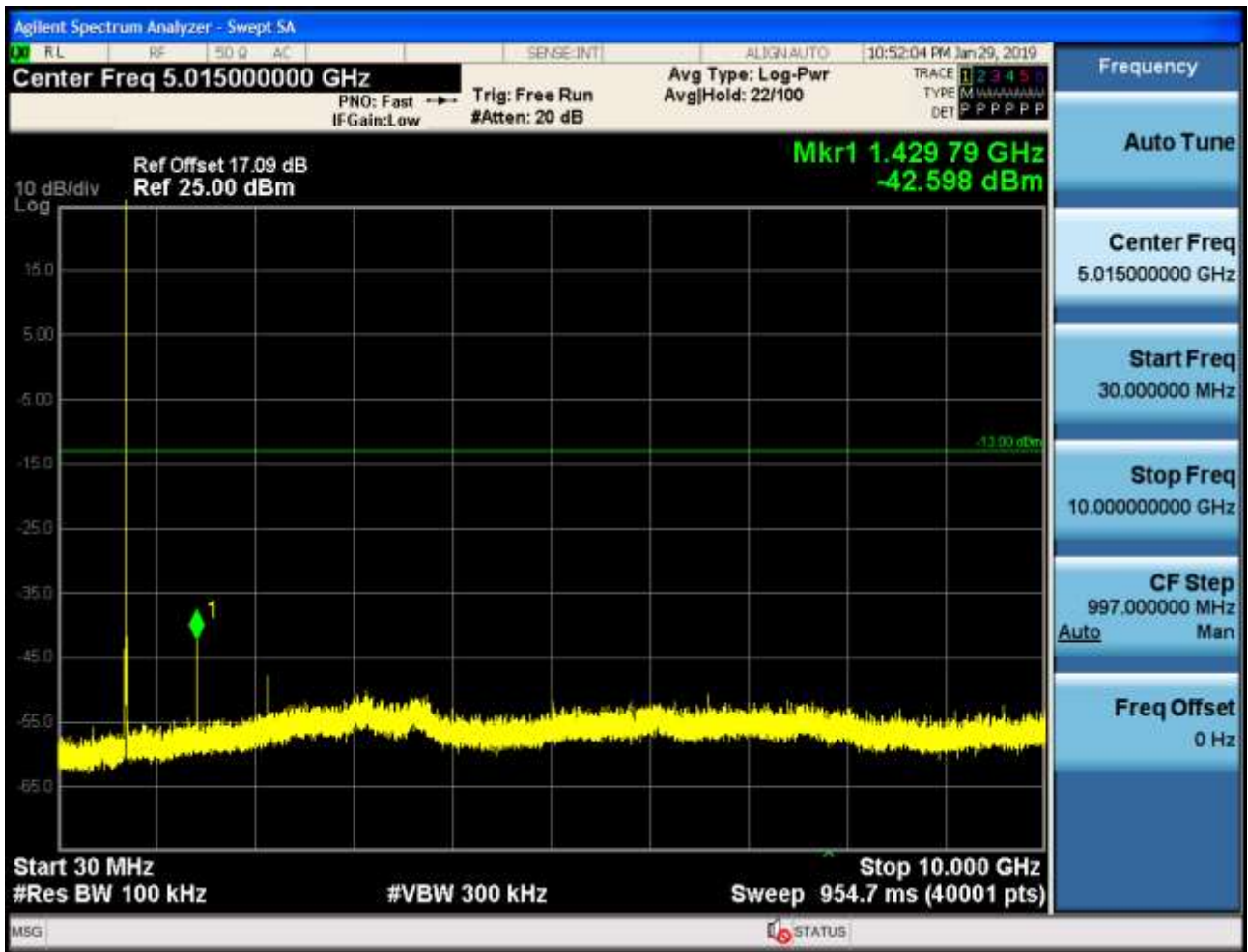


## 6.1.1.1.1.3 Test Channel = HCH

## 6.1.1.1.1.3.1 Test RB = RB1#0





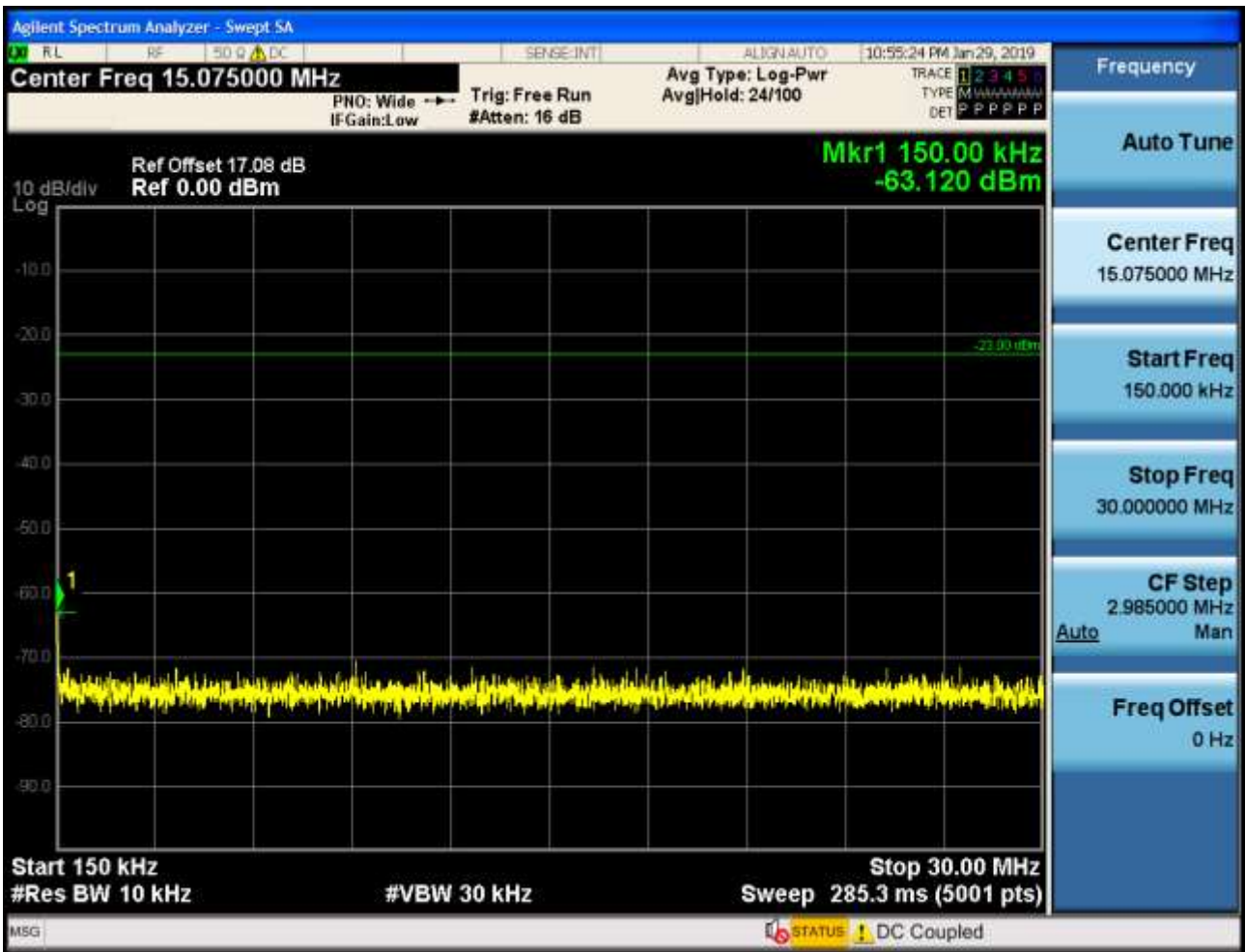


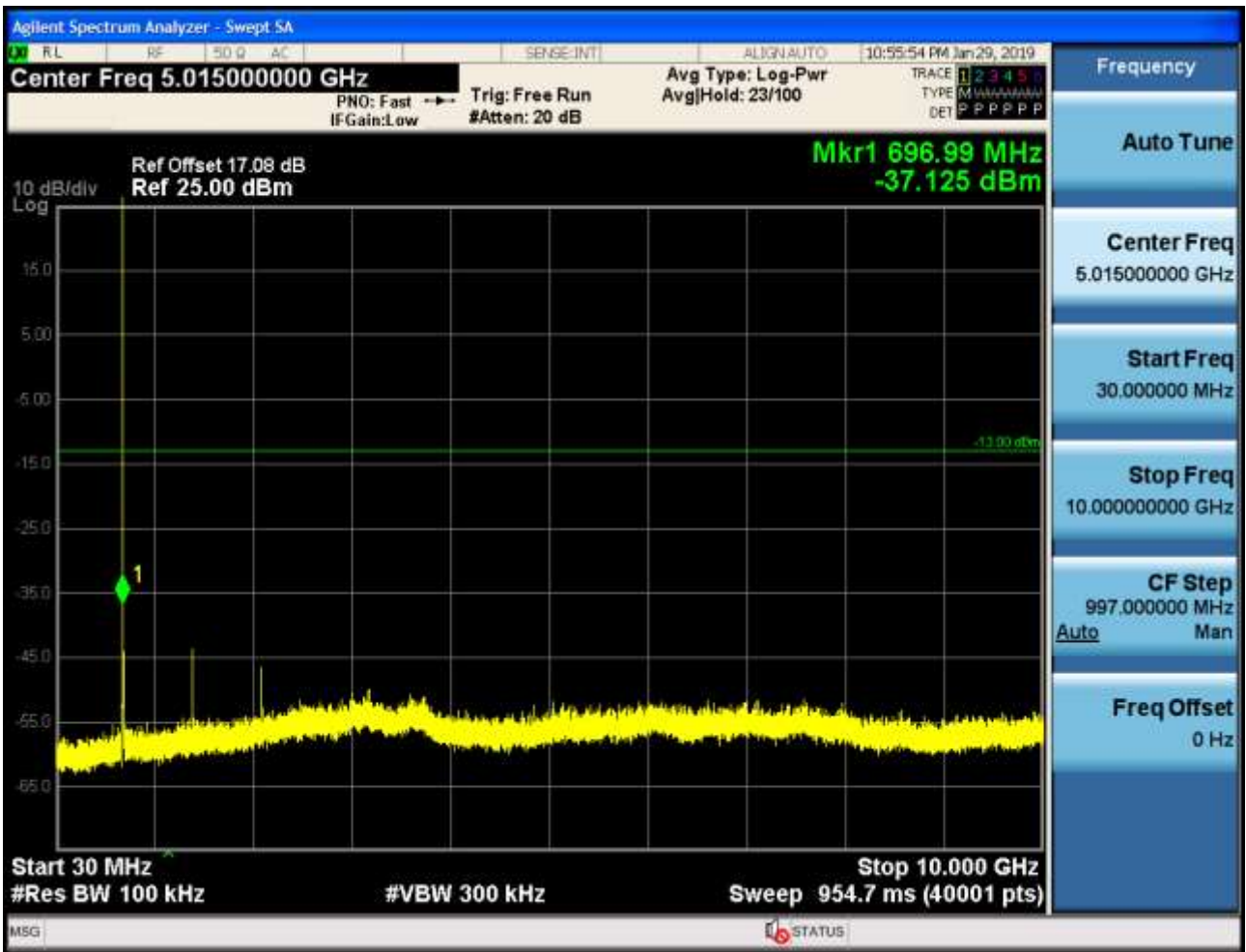
## 6.2.1.1.2 Test Bandwidth = 3

## 6.2.1.1.2.1 Test Channel = LCH

## 6.2.1.1.2.1.1 Test RB = RB1#0





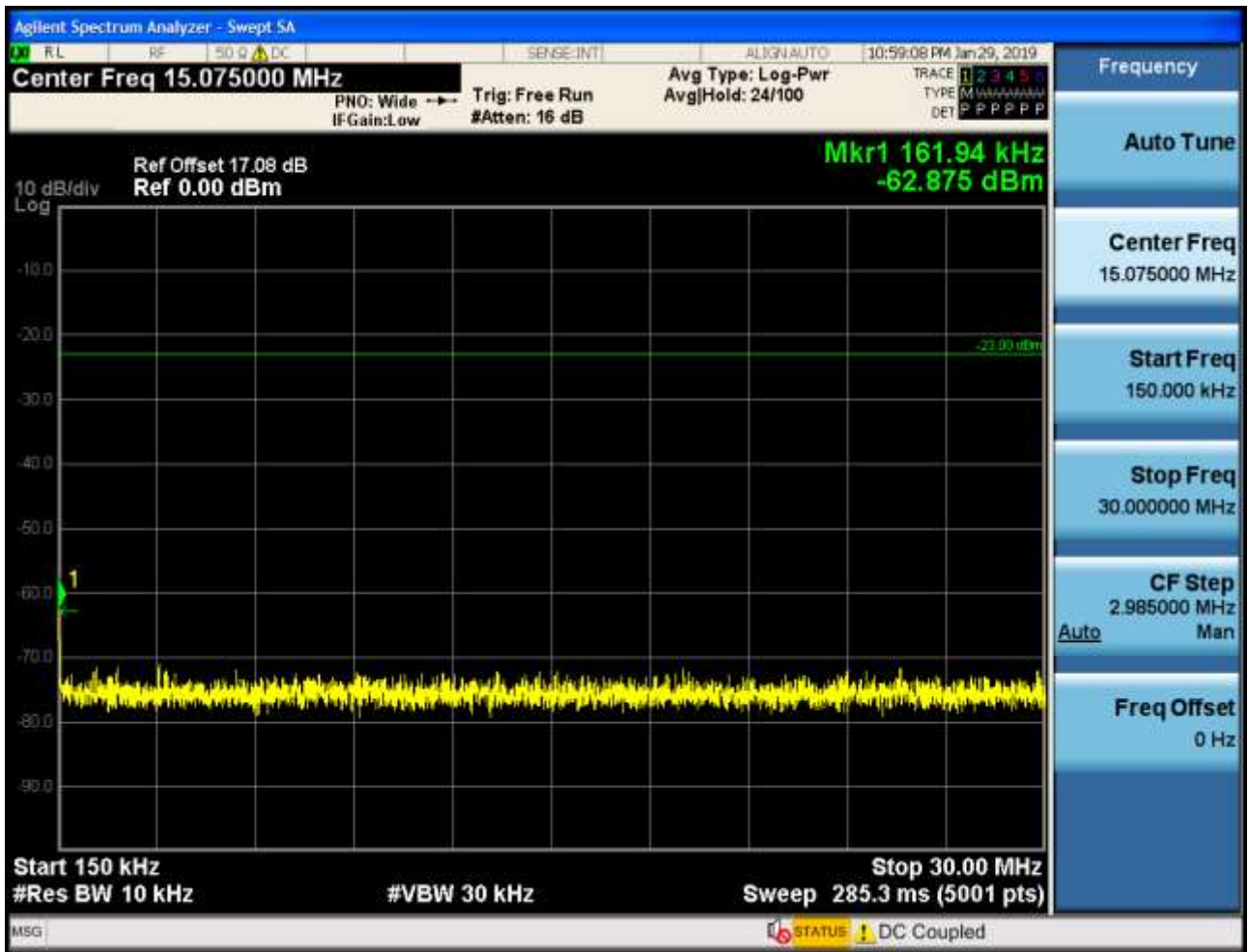




## 6.2.1.1.2.2 Test Channel = MCH

## 6.2.1.1.2.2.1 Test RB = RB1#0



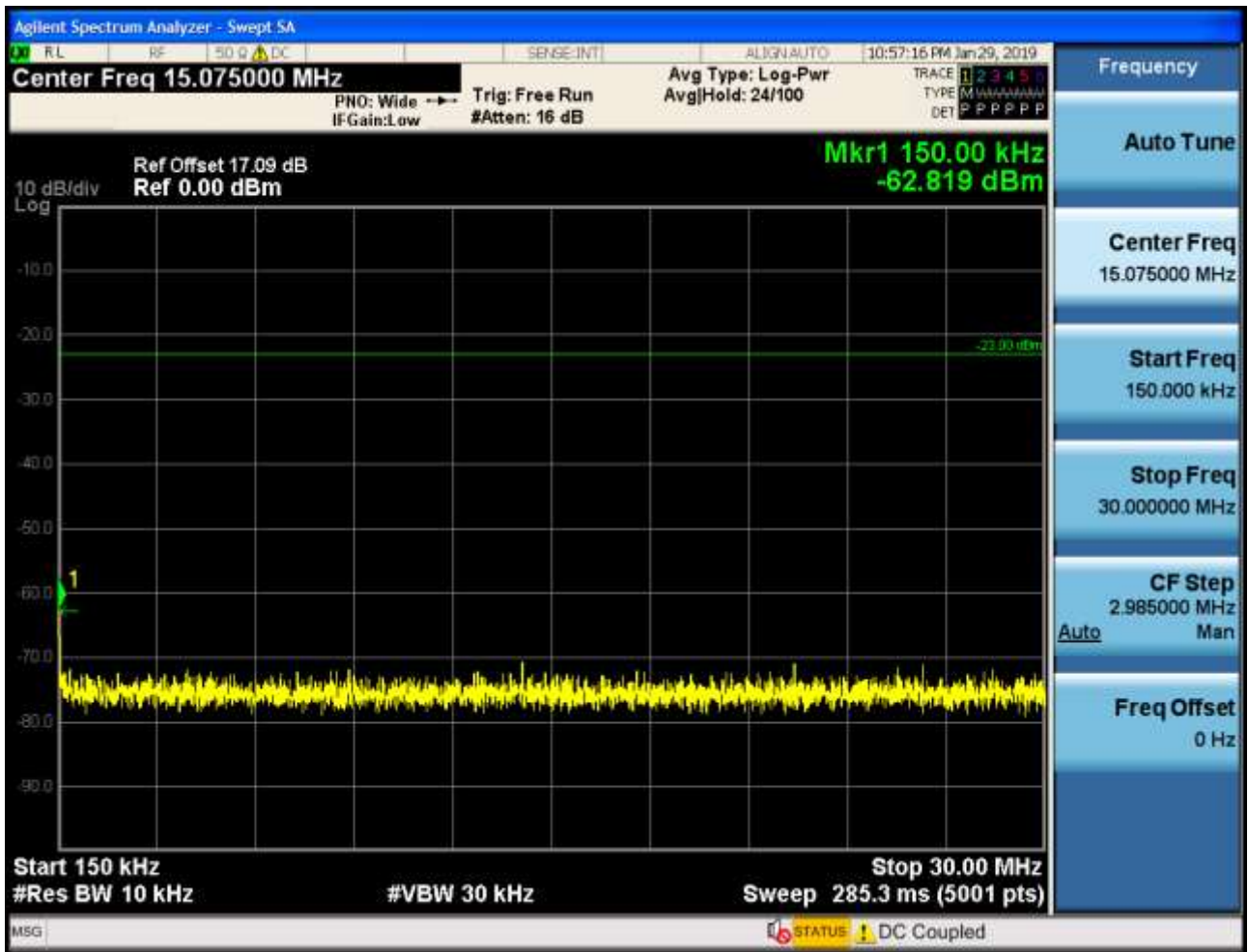


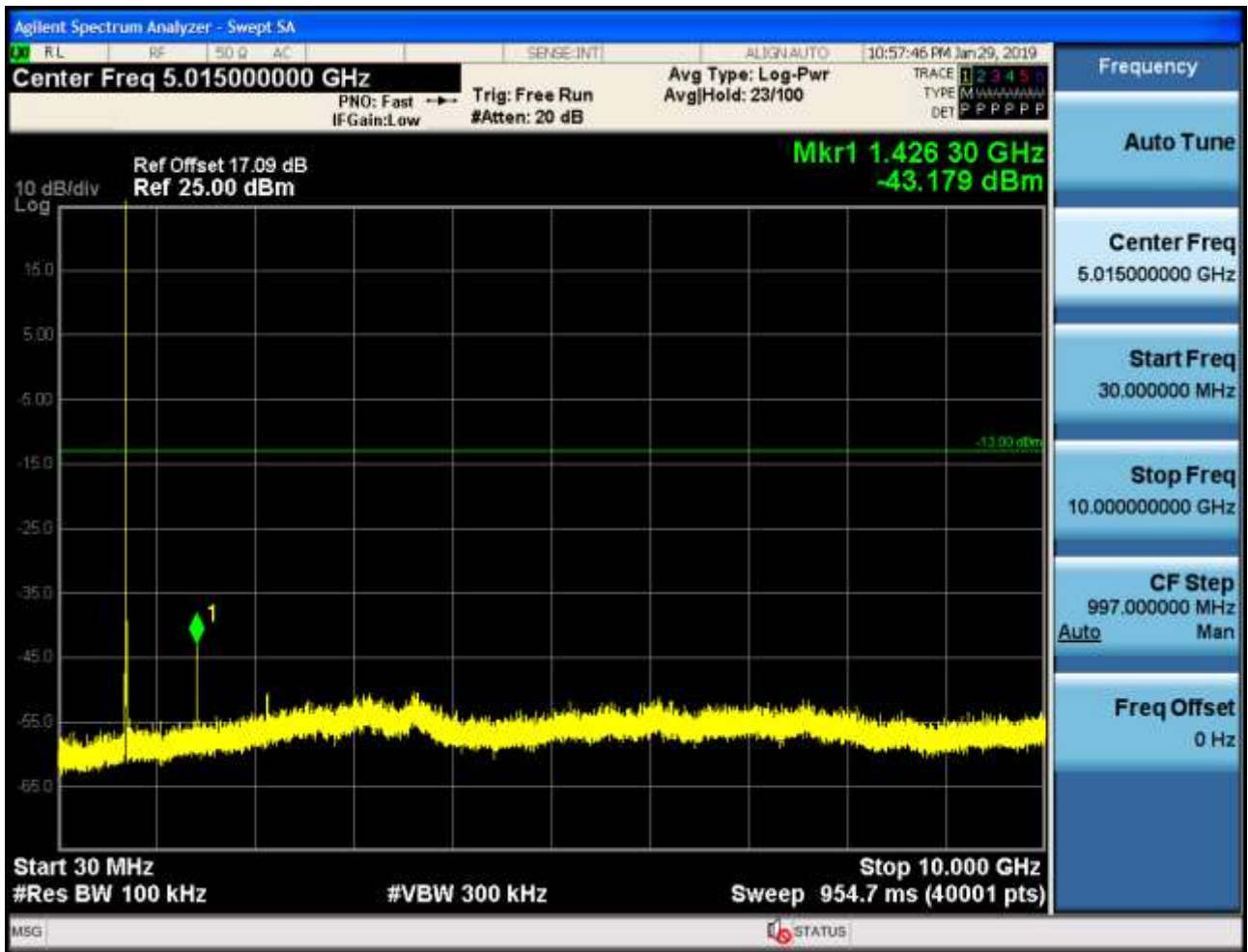


### 6.2.1.1.2.3 Test Channel = HCH

#### 6.2.1.1.2.3.1 Test RB = RB1#0





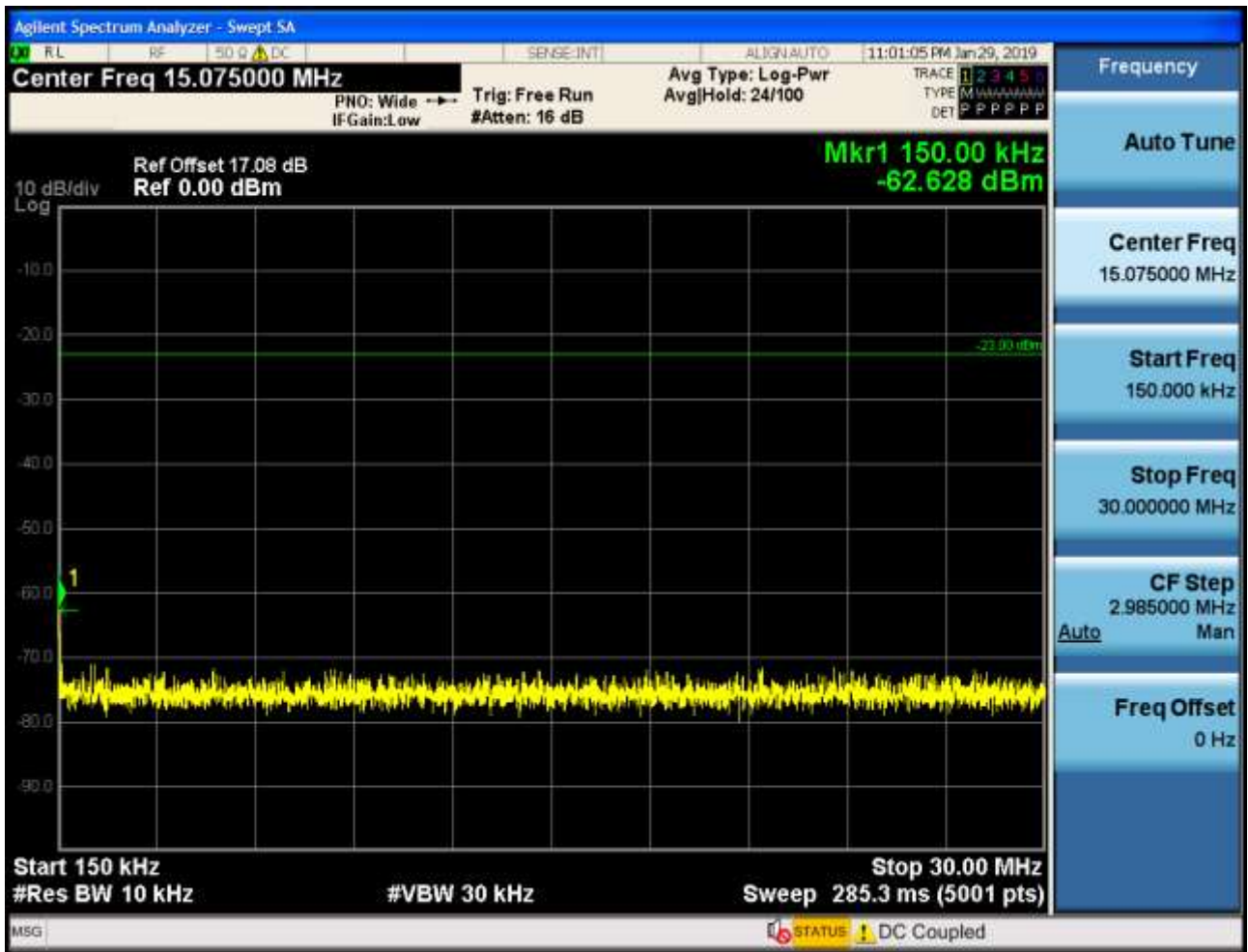


## 6.2.1.1.3 Test Bandwidth = 5

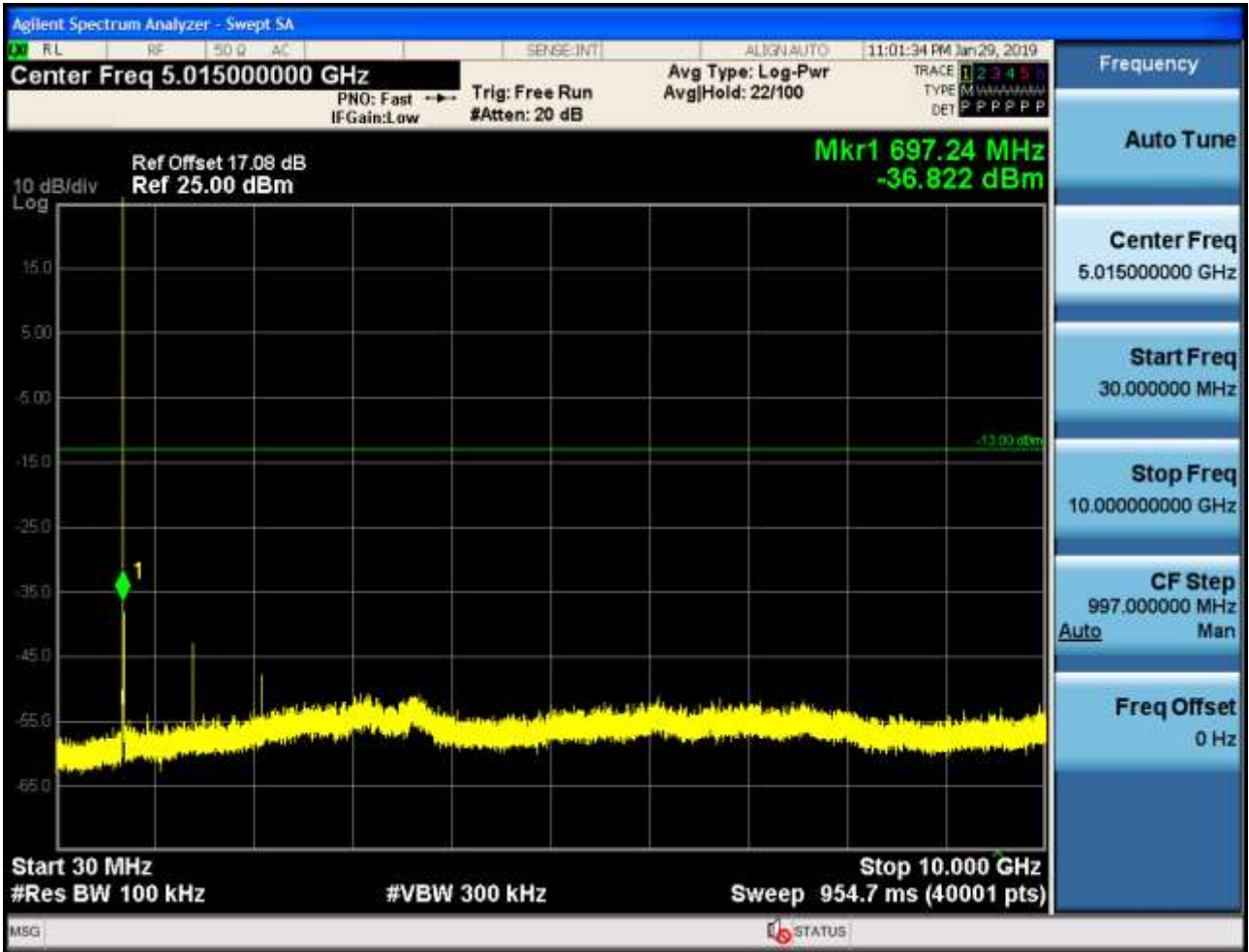
## 6.2.1.1.3.1 Test Channel = LCH

## 6.2.1.1.3.1.1 Test RB = RB1#0







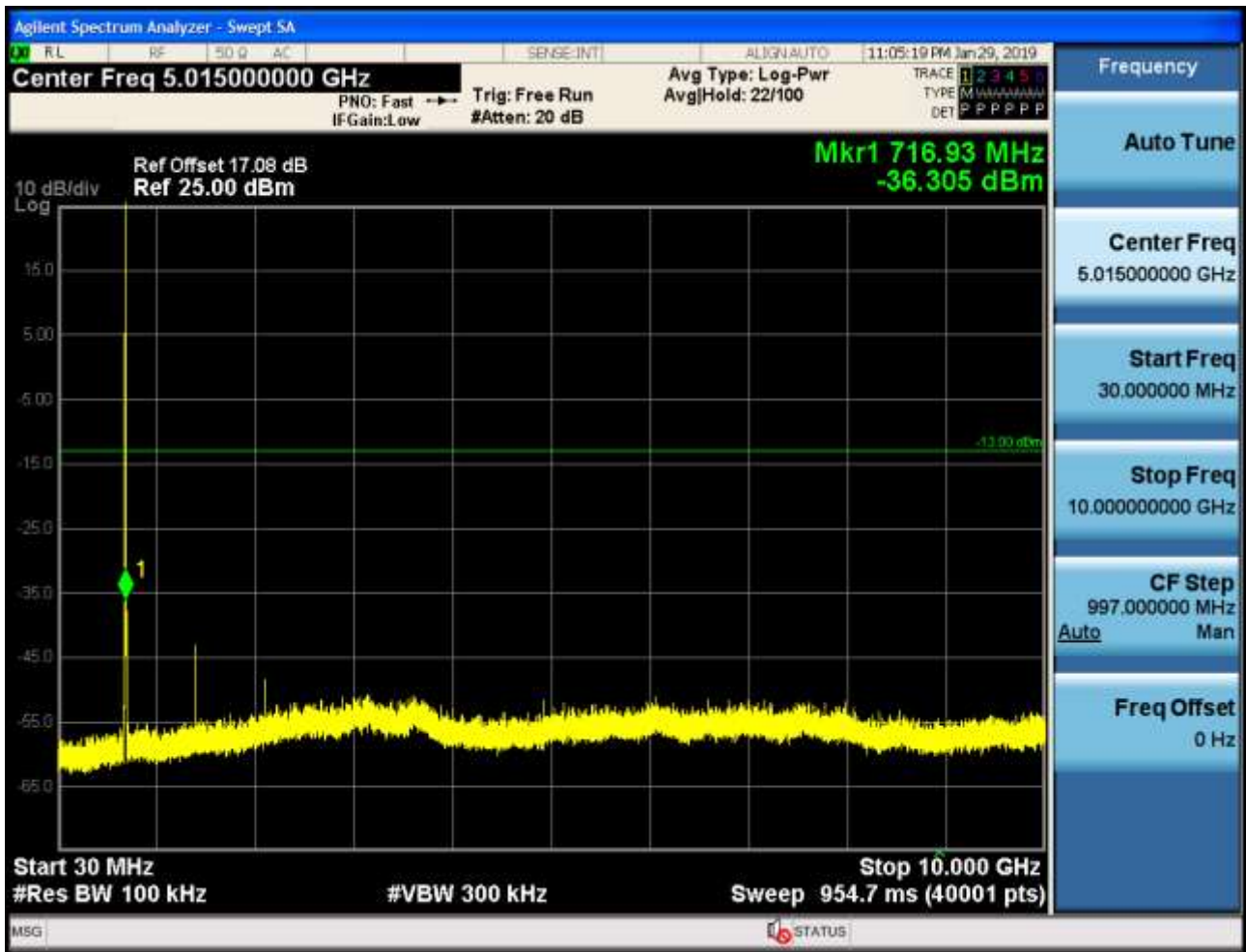


## 6.2.1.1.3.2 Test Channel = MCH

## 6.2.1.1.3.2.1 Test RB = RB1#0



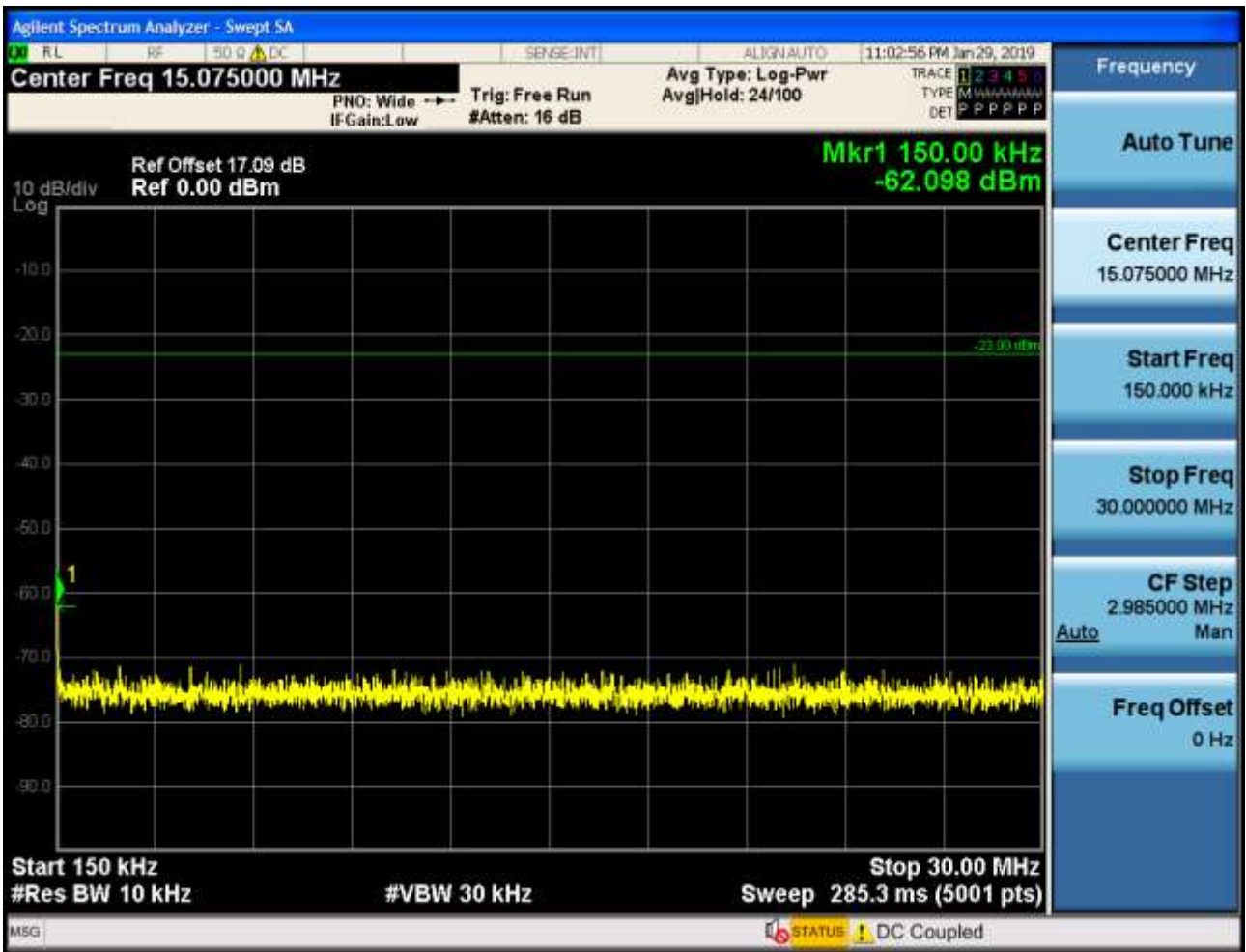


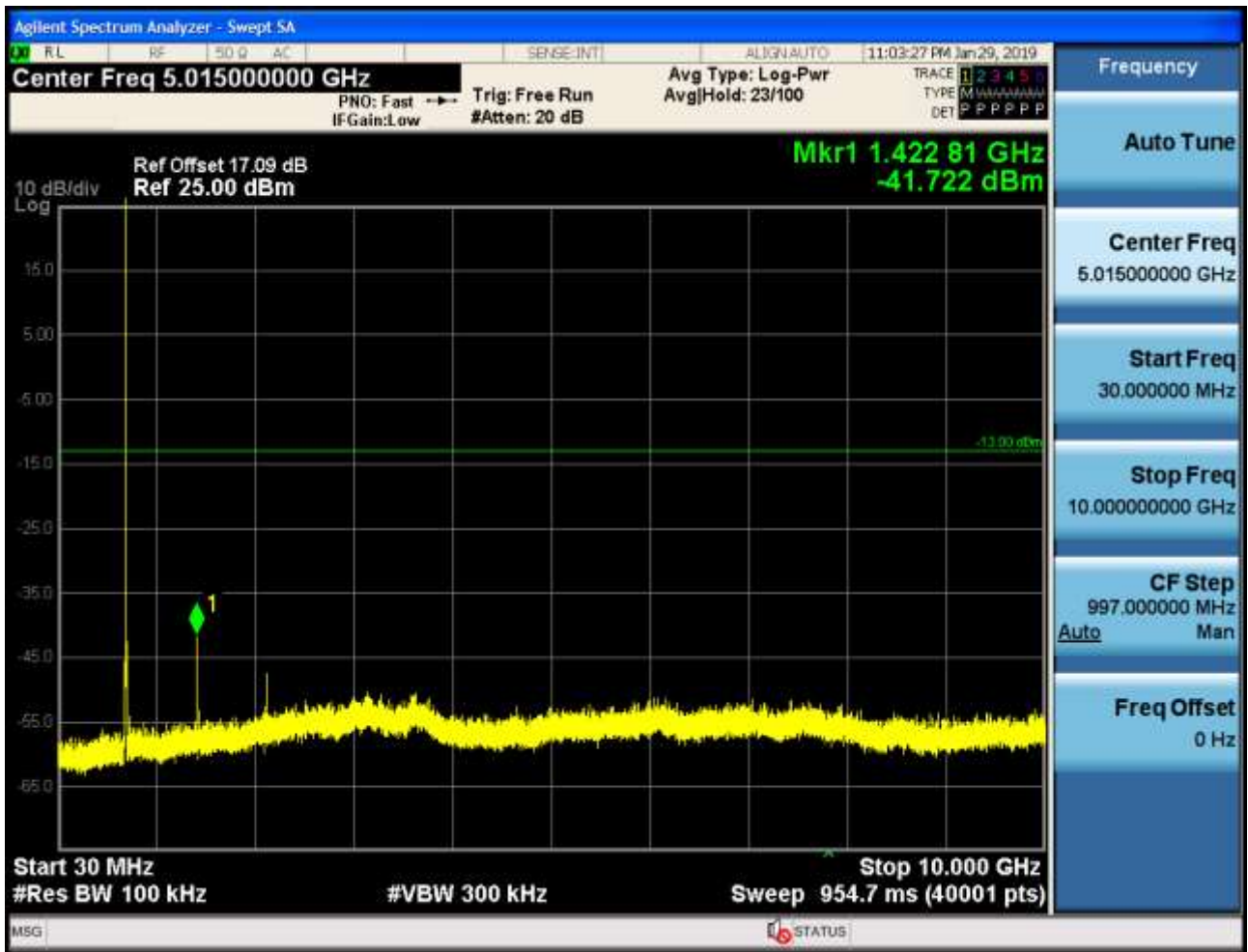


## 6.2.1.1.3.3 Test Channel = HCH

## 6.2.1.1.3.3.1 Test RB = RB1#0







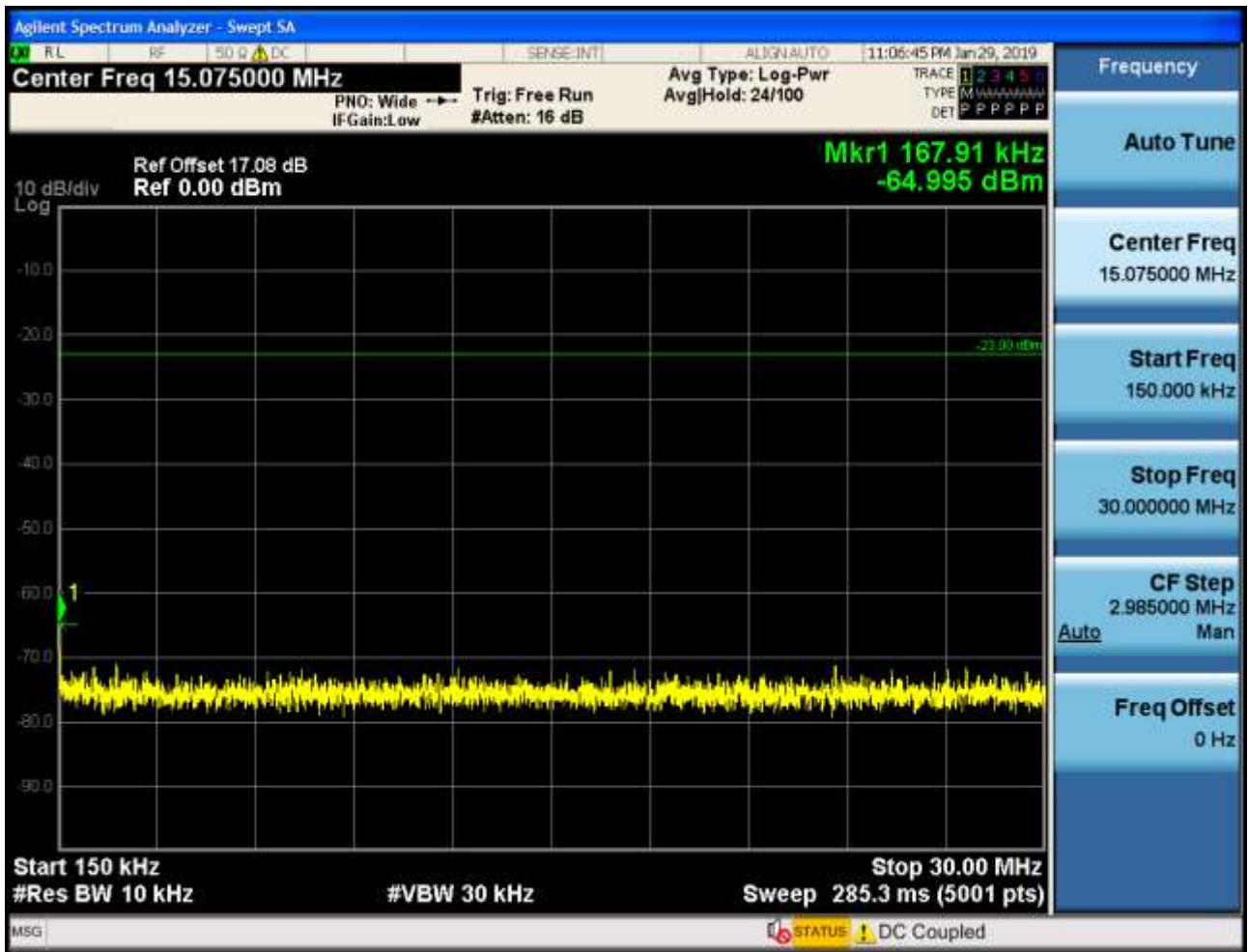
## 6.2.1.1.4 Test Bandwidth = 10

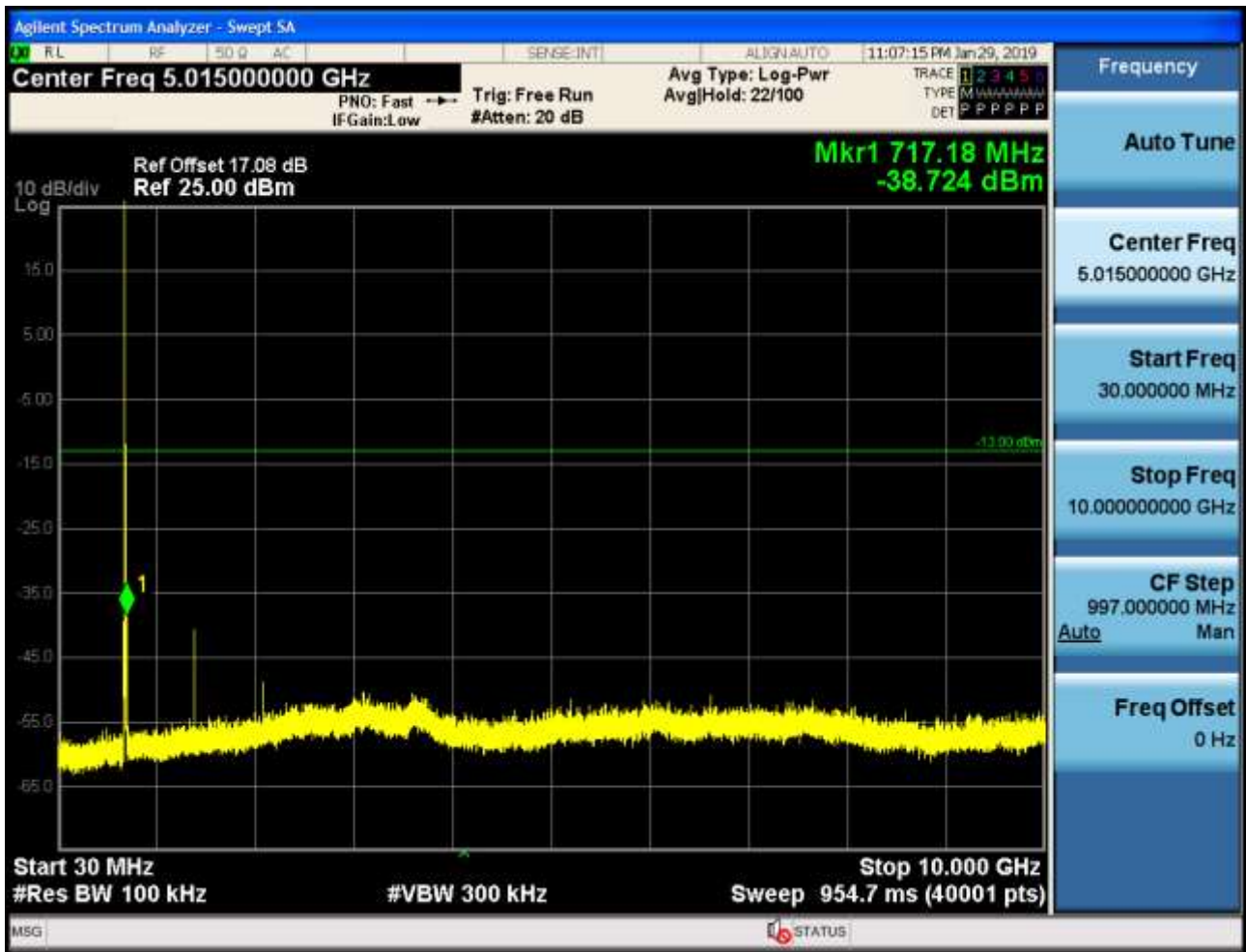
## 6.2.1.1.4.1 Test Channel = LCH

## 6.2.1.1.4.1.1 Test RB = RB1#0









## 6.2.1.1.4.2 Test Channel = MCH

## 6.2.1.1.4.2.1 Test RB = RB1#0

