



# 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	24.44	22.43	34.7	PASS
				RB1#3	24.24	22.23	34.7	PASS
				RB1#5	24.15	22.14	34.7	PASS
				RB3#0	24.16	22.15	34.7	PASS
				RB3#2	24.14	22.13	34.7	PASS
				RB3#3	24.13	22.12	34.7	PASS
				RB6#0	23.13	21.12	34.7	PASS
			MCH	RB1#0	24.23	22.22	34.7	PASS
				RB1#3	24.33	22.32	34.7	PASS
				RB1#5	24.3	22.29	34.7	PASS
				RB3#0	24.03	22.02	34.7	PASS
				RB3#2	24.01	22	34.7	PASS
				RB3#3	24.15	22.14	34.7	PASS
				RB6#0	23.11	21.1	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict		
			HCH	RB1#0	24.14	22.13	34.7	PASS		
				RB1#3	24.08	22.07	34.7	PASS		
				RB1#5	24.17	22.16	34.7	PASS		
				RB3#0	24.12	22.11	34.7	PASS		
				RB3#2	24.13	22.12	34.7	PASS		
				RB3#3	24.09	22.08	34.7	PASS		
				RB6#0	23.21	21.2	34.7	PASS		
		3	LCH	RB1#0	24.3	22.29	34.7	PASS		
				RB1#7	24.25	22.24	34.7	PASS		
				RB1#14	24.26	22.25	34.7	PASS		
				RB8#0	23.14	21.13	34.7	PASS		
				RB8#4	23.16	21.15	34.7	PASS		
				RB8#7	23.15	21.14	34.7	PASS		
		MCH	RB15#0	23.11	21.1	34.7	PASS			
			RB1#0	24.17	22.16	34.7	PASS			
			RB1#7	24.07	22.06	34.7	PASS			
					MCH	RB1#14	24.06	22.05	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict	
				RB8#0	23.03	21.02	34.7	PASS	
				RB8#4	23.06	21.05	34.7	PASS	
				RB8#7	23.04	21.03	34.7	PASS	
				RB15#0	23.18	21.17	34.7	PASS	
			HCH	RB1#0	24.08	22.07	34.7	PASS	
				RB1#7	24.13	22.12	34.7	PASS	
				RB1#14	24.11	22.1	34.7	PASS	
				RB8#0	22.97	20.96	34.7	PASS	
				RB8#4	23.06	21.05	34.7	PASS	
				RB8#7	22.97	20.96	34.7	PASS	
				RB15#0	23.04	21.03	34.7	PASS	
			5	LCH	RB1#0	24.31	22.3	34.7	PASS
					RB1#13	24.14	22.13	34.7	PASS
					RB1#24	24.22	22.21	34.7	PASS
		RB12#0			23.17	21.16	34.7	PASS	
		RB12#6			23.1	21.09	34.7	PASS	
		RB12#13			22.96	20.95	34.7	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	23.06	21.05	34.7	PASS
			MCH	RB1#0	24.07	22.06	34.7	PASS
				RB1#13	24.23	22.22	34.7	PASS
				RB1#24	24.05	22.04	34.7	PASS
				RB12#0	23.07	21.06	34.7	PASS
				RB12#6	23.16	21.15	34.7	PASS
				RB12#13	23.15	21.14	34.7	PASS
				RB25#0	23.07	21.06	34.7	PASS
				HCH	RB1#0	24.11	22.1	34.7
			RB1#13		24.23	22.22	34.7	PASS
			RB1#24		24.05	22.04	34.7	PASS
			RB12#0		23.12	21.11	34.7	PASS
			RB12#6		22.91	20.9	34.7	PASS
			RB12#13		22.97	20.96	34.7	PASS
			RB25#0		22.99	20.98	34.7	PASS
		10	LCH	RB1#0	24.28	22.27	34.7	PASS
				RB1#25	24.26	22.25	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	24.12	22.11	34.7	PASS
				RB25#0	23.08	21.07	34.7	PASS
				RB25#13	22.95	20.94	34.7	PASS
				RB25#25	23.21	21.2	34.7	PASS
				RB50#0	23.01	21	34.7	PASS
			MCH	RB1#0	24.11	22.1	34.7	PASS
				RB1#25	24.23	22.22	34.7	PASS
				RB1#49	24.03	22.02	34.7	PASS
				RB25#0	23	20.99	34.7	PASS
				RB25#13	23.07	21.06	34.7	PASS
				RB25#25	23.07	21.06	34.7	PASS
				RB50#0	23.09	21.08	34.7	PASS
			HCH	RB1#0	24.19	22.18	34.7	PASS
				RB1#25	24	21.99	34.7	PASS
				RB1#49	24.04	22.03	34.7	PASS
				RB25#0	23.05	21.04	34.7	PASS
				RB25#13	22.97	20.96	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	22.98	20.97	34.7	PASS
				RB50#0	23.02	21.01	34.7	PASS
	LTE/TM2	1.4	LCH	RB1#0	23.32	21.31	34.7	PASS
				RB1#3	23.32	21.31	34.7	PASS
				RB1#5	23.19	21.18	34.7	PASS
				RB3#0	23.16	21.15	34.7	PASS
				RB3#2	22.99	20.98	34.7	PASS
				RB3#3	23.07	21.06	34.7	PASS
				RB6#0	22.22	20.21	34.7	PASS
				MCH	RB1#0	23.11	21.1	34.7
			RB1#3		23.32	21.31	34.7	PASS
			RB1#5		23.29	21.28	34.7	PASS
			RB3#0		23.15	21.14	34.7	PASS
			RB3#2		23.17	21.16	34.7	PASS
			RB3#3		23.05	21.04	34.7	PASS
			RB6#0		22.27	20.26	34.7	PASS
			HCH	RB1#0	23.17	21.16	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#3	23.31	21.3	34.7	PASS
				RB1#5	23.66	21.65	34.7	PASS
				RB3#0	23.17	21.16	34.7	PASS
				RB3#2	23.27	21.26	34.7	PASS
				RB3#3	23.17	21.16	34.7	PASS
				RB6#0	22.08	20.07	34.7	PASS
		3	LCH	RB1#0	23.47	21.46	34.7	PASS
				RB1#7	23.03	21.02	34.7	PASS
				RB1#14	23.44	21.43	34.7	PASS
				RB8#0	22.07	20.06	34.7	PASS
				RB8#4	22.19	20.18	34.7	PASS
				RB8#7	22.05	20.04	34.7	PASS
				RB15#0	22.17	20.16	34.7	PASS
				MCH	RB1#0	23.23	21.22	34.7
		RB1#7	23.11		21.1	34.7	PASS	
		RB1#14	23.32		21.31	34.7	PASS	
RB8#0	22.06	20.05	34.7		PASS			





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB8#4	22.14	20.13	34.7	PASS
				RB8#7	22.1	20.09	34.7	PASS
				RB15#0	22.24	20.23	34.7	PASS
			HCH	RB1#0	23.34	21.33	34.7	PASS
				RB1#7	23.19	21.18	34.7	PASS
				RB1#14	23.23	21.22	34.7	PASS
				RB8#0	22.07	20.06	34.7	PASS
				RB8#4	22.06	20.05	34.7	PASS
				RB8#7	22.08	20.07	34.7	PASS
		RB15#0	22.01	20	34.7	PASS		
		5	LCH	RB1#0	23.53	21.52	34.7	PASS
				RB1#13	23.59	21.58	34.7	PASS
				RB1#24	23.55	21.54	34.7	PASS
				RB12#0	22.12	20.11	34.7	PASS
				RB12#6	22.16	20.15	34.7	PASS
RB12#13	22.02			20.01	34.7	PASS		
RB25#0	21.98			19.97	34.7	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	23.57	21.56	34.7	PASS
				RB1#13	23.46	21.45	34.7	PASS
				RB1#24	23.4	21.39	34.7	PASS
				RB12#0	21.98	19.97	34.7	PASS
				RB12#6	22.17	20.16	34.7	PASS
				RB12#13	22.28	20.27	34.7	PASS
				RB25#0	22.08	20.07	34.7	PASS
			HCH	RB1#0	23.18	21.17	34.7	PASS
				RB1#13	23.18	21.17	34.7	PASS
				RB1#24	23.23	21.22	34.7	PASS
				RB12#0	21.83	19.82	34.7	PASS
				RB12#6	21.85	19.84	34.7	PASS
				RB12#13	22.04	20.03	34.7	PASS
			LCH	RB1#0	23.36	21.35	34.7	PASS
		RB1#25		23.45	21.44	34.7	PASS	
RB1#49	23.34	21.33		34.7	PASS			
		10						



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.08	20.07	34.7	PASS
				RB25#13	21.93	19.92	34.7	PASS
				RB25#25	22.13	20.12	34.7	PASS
				RB50#0	21.99	19.98	34.7	PASS
			MCH	RB1#0	23.31	21.3	34.7	PASS
				RB1#25	23.3	21.29	34.7	PASS
				RB1#49	23.3	21.29	34.7	PASS
				RB25#0	22.04	20.03	34.7	PASS
				RB25#13	22.07	20.06	34.7	PASS
				RB25#25	22.14	20.13	34.7	PASS
				RB50#0	22.12	20.11	34.7	PASS
			HCH	RB1#0	23.45	21.44	34.7	PASS
				RB1#25	23.14	21.13	34.7	PASS
				RB1#49	23.2	21.19	34.7	PASS
				RB25#0	22.09	20.08	34.7	PASS
				RB25#13	21.99	19.98	34.7	PASS
				RB25#25	22	19.99	34.7	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB50#0	22	19.99	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:

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

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
Band12	LTE/TM1	1.4	LCH	RB1#0	3.90	13	PASS
				RB1#3	4.01	13	PASS
				RB1#5	4.14	13	PASS
				RB3#0	4.41	13	PASS
				RB3#2	4.30	13	PASS
				RB3#3	4.48	13	PASS
				RB6#0	5.28	13	PASS
			MCH	RB1#0	3.72	13	PASS
				RB1#3	3.76	13	PASS
				RB1#5	3.66	13	PASS
				RB3#0	4.22	13	PASS
				RB3#2	4.27	13	PASS
				RB3#3	4.21	13	PASS
				RB6#0	5.34	13	PASS
		HCH	RB1#0	3.68	13	PASS	
			RB1#3	3.97	13	PASS	
			RB1#5	3.55	13	PASS	
			RB3#0	4.34	13	PASS	
			RB3#2	4.21	13	PASS	
			RB3#3	4.11	13	PASS	
			RB6#0	5.26	13	PASS	
		3	LCH	RB1#0	3.90	13	PASS
				RB1#7	4.40	13	PASS
				RB1#14	4.43	13	PASS
				RB8#0	5.20	13	PASS
				RB8#4	5.22	13	PASS
				RB8#7	5.34	13	PASS
				RB15#0	5.69	13	PASS
MCH	RB1#0		3.81	13	PASS		
	RB1#7		3.78	13	PASS		
	RB1#14		4.14	13	PASS		
	RB8#0		5.22	13	PASS		
	RB8#4		5.04	13	PASS		
	RB8#7		5.12	13	PASS		
	RB15#0		5.44	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	HCH	RB1#0	4.58	13	PASS
				RB1#7	4.02	13	PASS
				RB1#14	3.93	13	PASS
				RB8#0	5.44	13	PASS
				RB8#4	5.17	13	PASS
				RB8#7	5.23	13	PASS
				RB15#0	5.56	13	PASS
			LCH	RB1#0	4.12	13	PASS
				RB1#13	4.18	13	PASS
				RB1#24	4.06	13	PASS
				RB12#0	5.43	13	PASS
				RB12#6	5.47	13	PASS
				RB12#13	5.45	13	PASS
				RB25#0	5.73	13	PASS
		MCH	RB1#0	3.61	13	PASS	
			RB1#13	3.75	13	PASS	
			RB1#24	4.05	13	PASS	
			RB12#0	5.28	13	PASS	
			RB12#6	4.86	13	PASS	
			RB12#13	5.26	13	PASS	
			RB25#0	5.41	13	PASS	
		HCH	RB1#0	4.40	13	PASS	
			RB1#13	4.20	13	PASS	
			RB1#24	3.81	13	PASS	
			RB12#0	5.84	13	PASS	
			RB12#6	5.36	13	PASS	
			RB12#13	5.24	13	PASS	
			RB25#0	5.62	13	PASS	
		10	LCH	RB1#0	4.04	13	PASS
				RB1#25	3.96	13	PASS
RB1#49	3.97			13	PASS		
RB25#0	5.49			13	PASS		
RB25#13	5.30			13	PASS		
RB25#25	5.21			13	PASS		
RB50#0	5.33			13	PASS		
MCH	RB1#0			4.13	13	PASS	
	RB1#25		3.89	13	PASS		
	RB1#49		4.47	13	PASS		
	RB25#0		5.23	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB25#13	5.12	13	PASS		
				RB25#25	5.62	13	PASS		
				RB50#0	5.80	13	PASS		
			HCH	RB1#0	3.67	13	PASS		
				RB1#25	4.21	13	PASS		
				RB1#49	3.92	13	PASS		
				RB25#0	5.62	13	PASS		
				RB25#13	5.70	13	PASS		
				RB25#25	5.78	13	PASS		
			LCH	RB50#0	5.91	13	PASS		
				RB1#0	4.85	13	PASS		
				RB1#3	5.00	13	PASS		
				RB1#5	5.15	13	PASS		
				RB3#0	5.47	13	PASS		
				RB3#2	5.40	13	PASS		
	RB3#3	5.33		13	PASS				
	RB6#0	6.23		13	PASS				
	MCH	RB1#0		4.42	13	PASS			
		RB1#3		4.51	13	PASS			
		RB1#5		4.55	13	PASS			
		RB3#0		5.23	13	PASS			
		RB3#2	5.29	13	PASS				
		RB3#3	5.28	13	PASS				
	HCH	RB6#0	6.35	13	PASS				
		RB1#0	4.78	13	PASS				
		RB1#3	4.47	13	PASS				
		RB1#5	4.71	13	PASS				
		RB3#0	5.02	13	PASS				
		RB3#2	4.80	13	PASS				
		LTE/TM2	1.4	LCH	RB3#3	4.94	13	PASS	
RB6#0					6.05	13	PASS		
RB1#0					4.39	13	PASS		
RB1#7					4.71	13	PASS		
RB1#14					4.87	13	PASS		
RB8#0					6.25	13	PASS		
RB8#4				6.08	13	PASS			
MCH	RB8#7			6.28	13	PASS			
	RB15#0			6.30	13	PASS			
				3	MCH	RB1#0	4.63	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#7	4.73	13	PASS	
				RB1#14	4.97	13	PASS	
				RB8#0	6.11	13	PASS	
				RB8#4	6.03	13	PASS	
				RB8#7	6.10	13	PASS	
				RB15#0	6.00	13	PASS	
			HCH	RB1#0	5.00	13	PASS	
				RB1#7	4.60	13	PASS	
				RB1#14	4.57	13	PASS	
				RB8#0	6.38	13	PASS	
				RB8#4	6.00	13	PASS	
				RB8#7	6.05	13	PASS	
				LCH	RB1#0	5.05	13	PASS
					RB1#13	5.33	13	PASS
		RB1#24			5.03	13	PASS	
		RB12#0			6.18	13	PASS	
		RB12#6			6.09	13	PASS	
		RB12#13			6.08	13	PASS	
		MCH		RB25#0	6.79	13	PASS	
				RB1#0	4.50	13	PASS	
				RB1#13	4.62	13	PASS	
				RB1#24	4.97	13	PASS	
				RB12#0	6.12	13	PASS	
				RB12#6	5.86	13	PASS	
		HCH		RB12#13	5.99	13	PASS	
				RB25#0	6.36	13	PASS	
			RB1#0	5.05	13	PASS		
			RB1#13	4.66	13	PASS		
			RB1#24	4.37	13	PASS		
			RB12#0	6.36	13	PASS		
		10	LCH	RB12#6	6.52	13	PASS	
				RB12#13	5.97	13	PASS	
RB25#0	6.67			13	PASS			
RB1#0	5.04			13	PASS			
RB1#25	4.78			13	PASS			
				RB1#49	4.72	13	PASS	
				RB25#0	6.40	13	PASS	
				RB25#13	6.29	13	PASS	





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB25#25	6.08	13	PASS		
				RB50#0	6.42	13	PASS		
			MCH	RB1#0	5.18	13	PASS		
				RB1#25	4.79	13	PASS		
				RB1#49	5.68	13	PASS		
				RB25#0	6.18	13	PASS		
				RB25#13	6.05	13	PASS		
				RB25#25	6.47	13	PASS		
				RB50#0	6.47	13	PASS		
				HCH	RB1#0	4.62	13	PASS	
			RB1#25		5.27	13	PASS		
			RB1#49		4.65	13	PASS		
			RB25#0		6.43	13	PASS		
			RB25#13		6.52	13	PASS		
			RB25#25		6.62	13	PASS		
						RB50#0	6.90	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

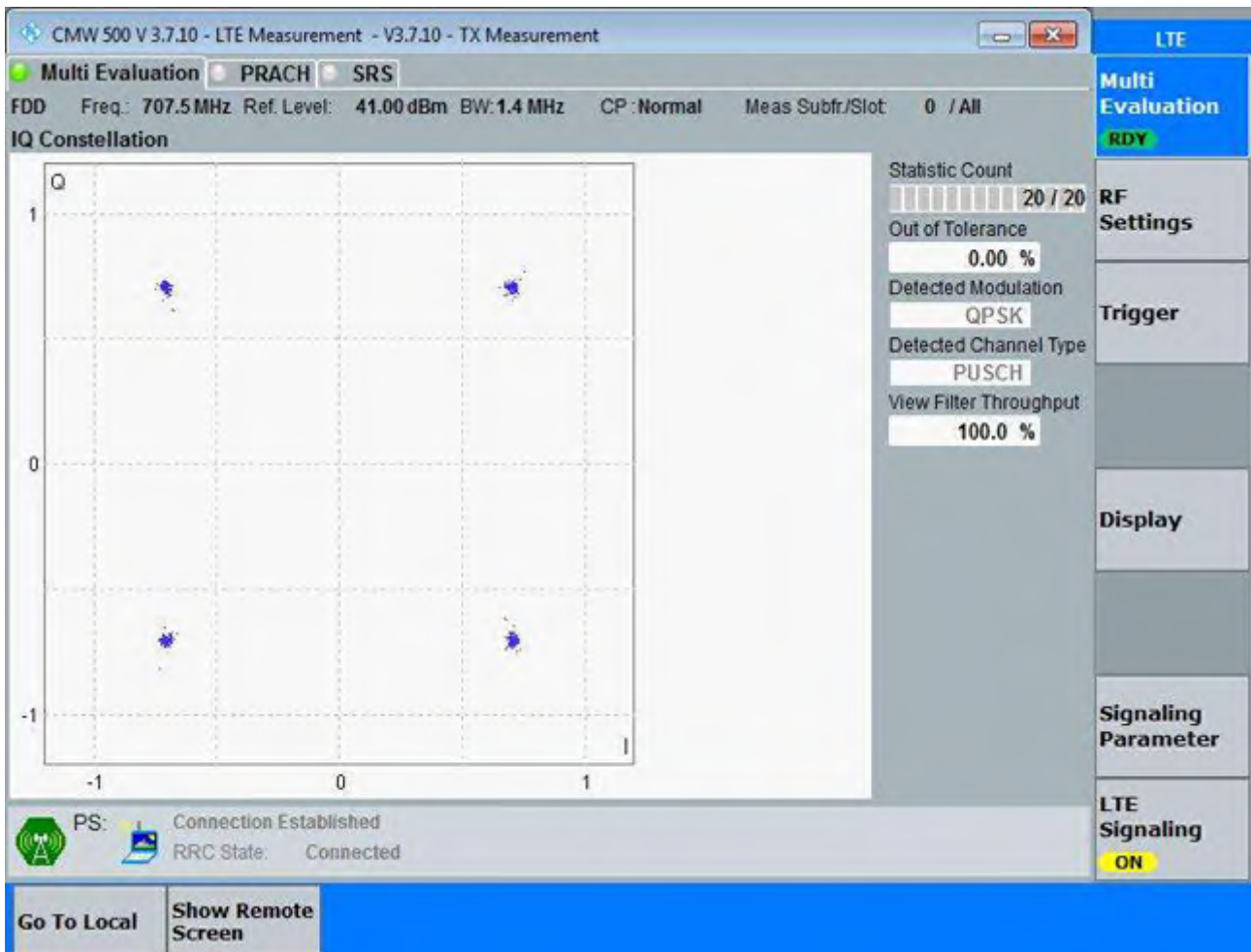
##### 3.1.1 Test Band = Band12

##### 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

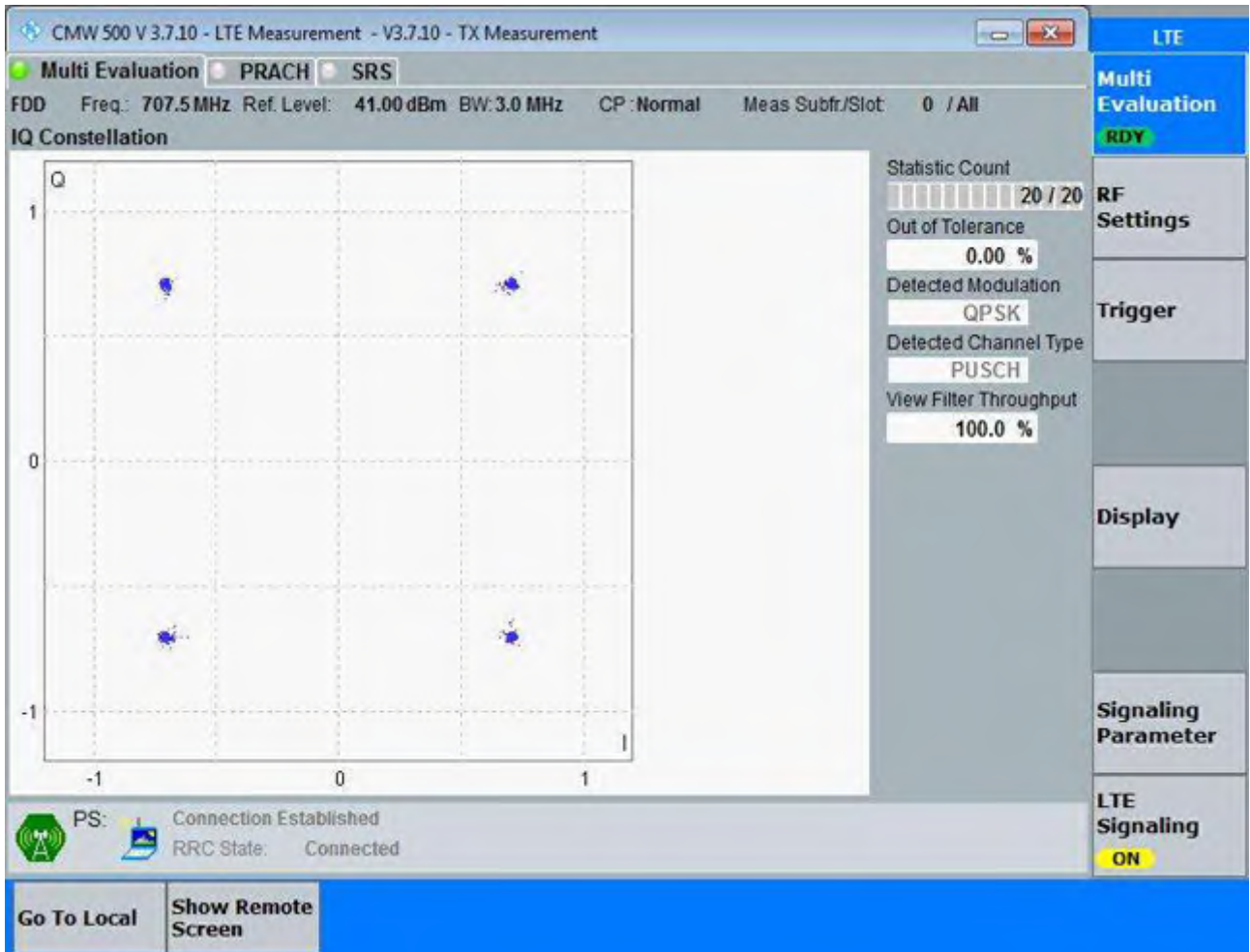
##### 3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

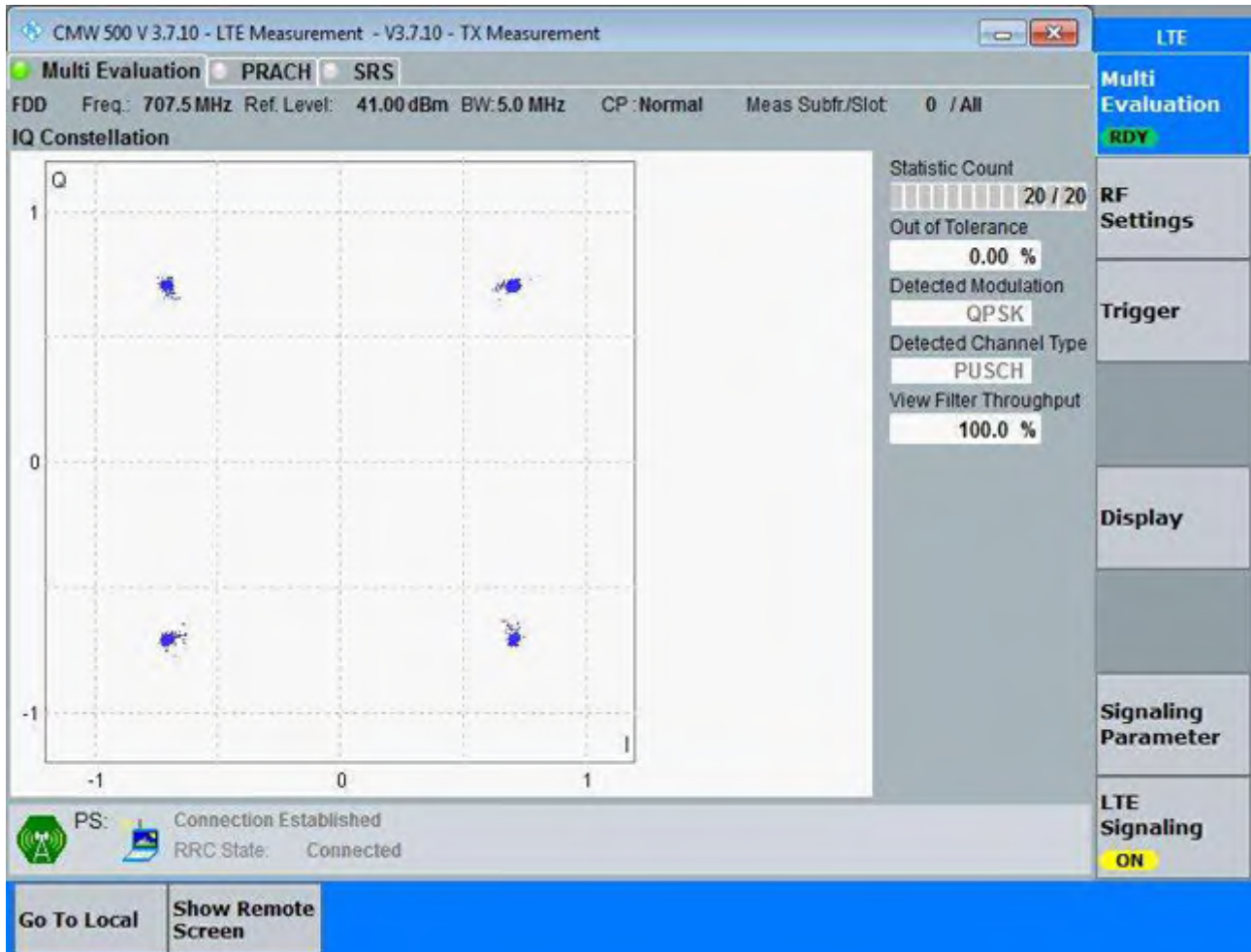
3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

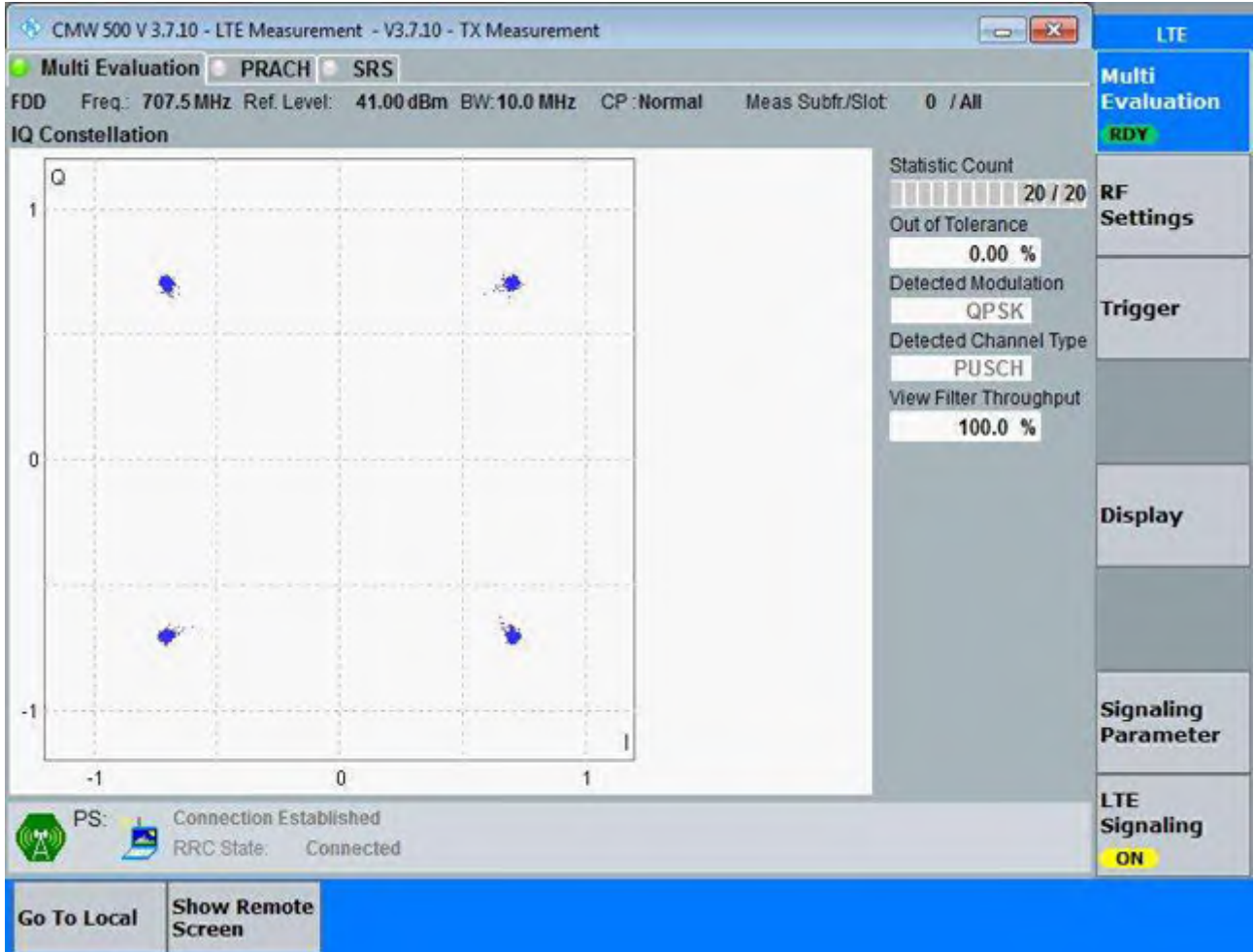
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 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



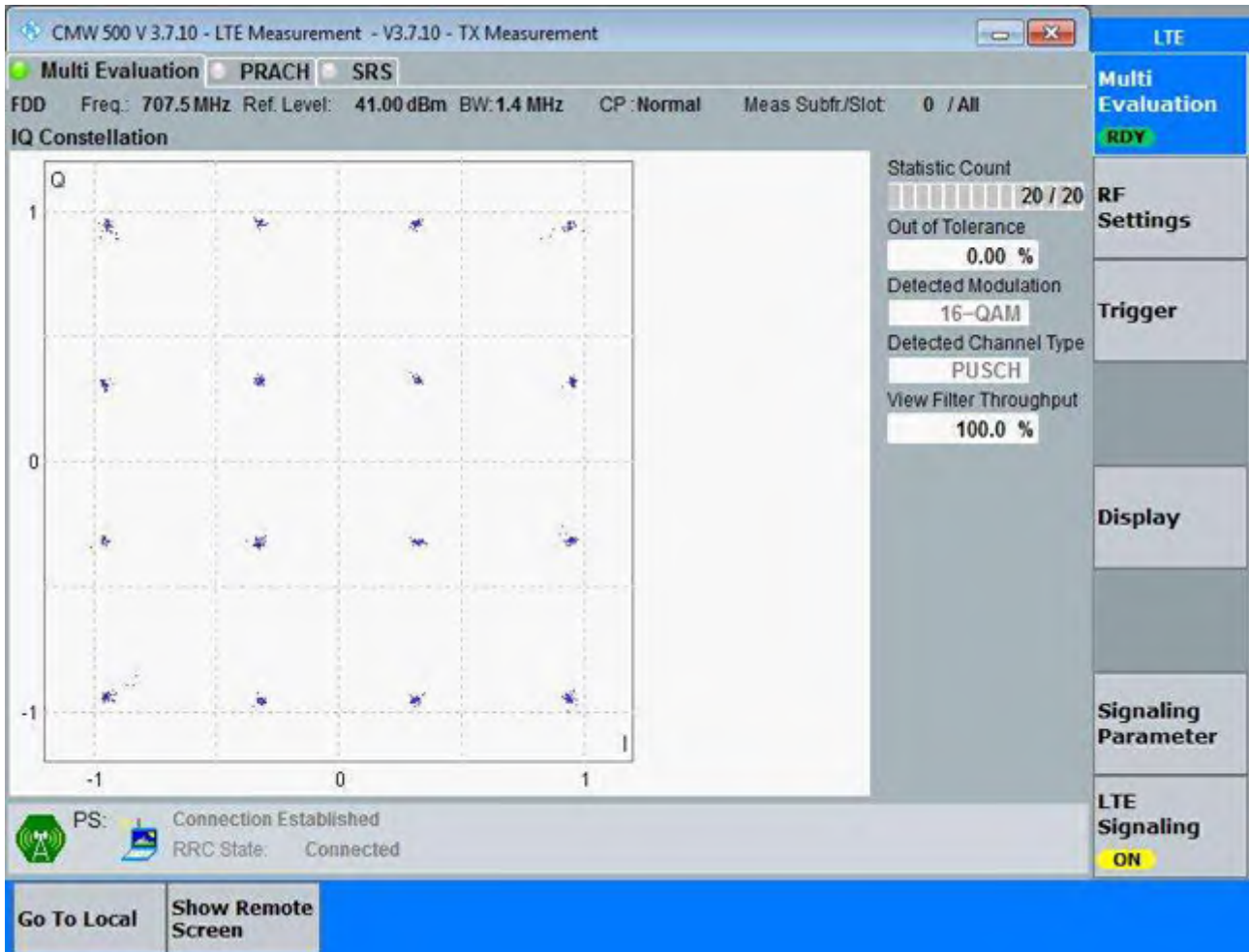


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

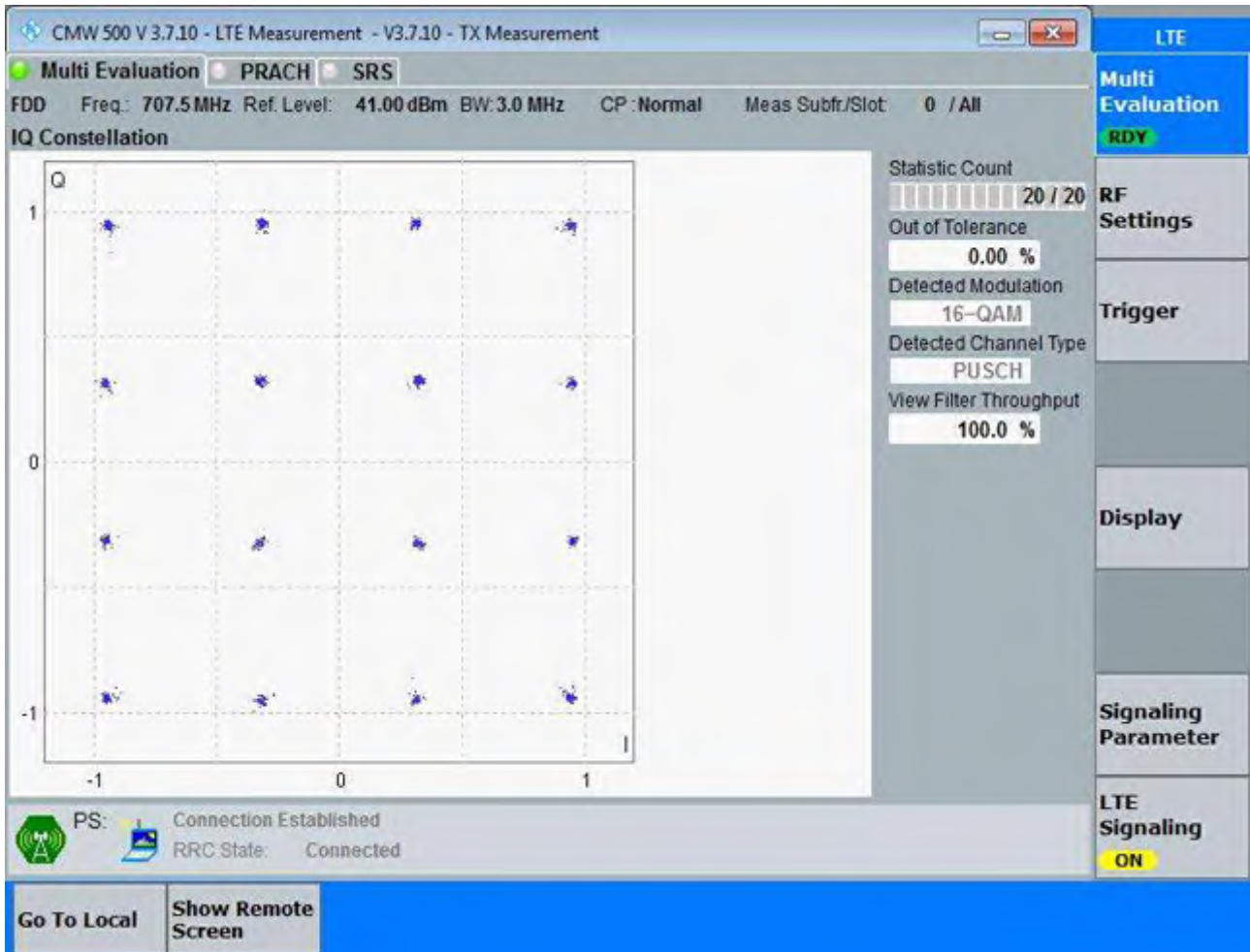
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

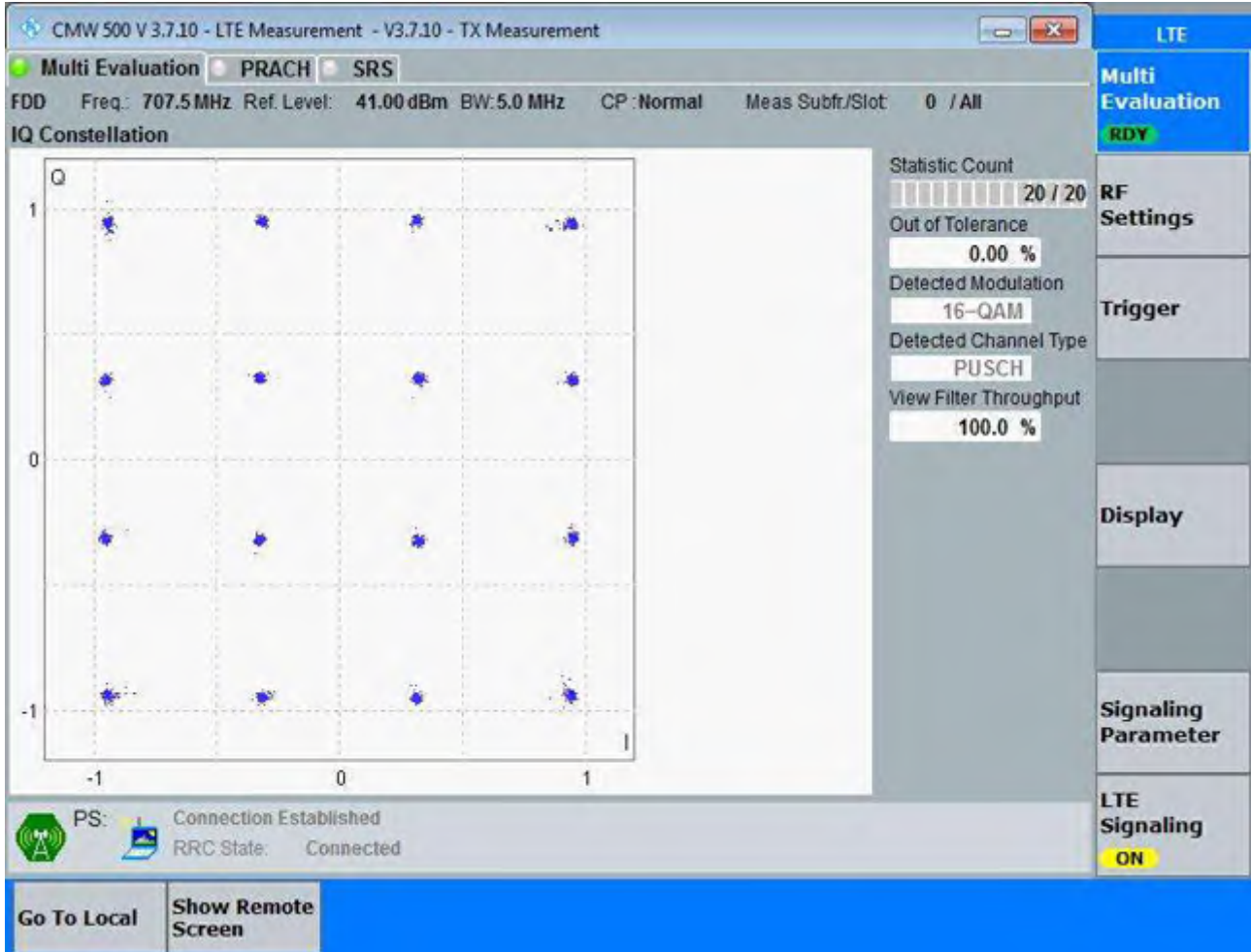
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 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

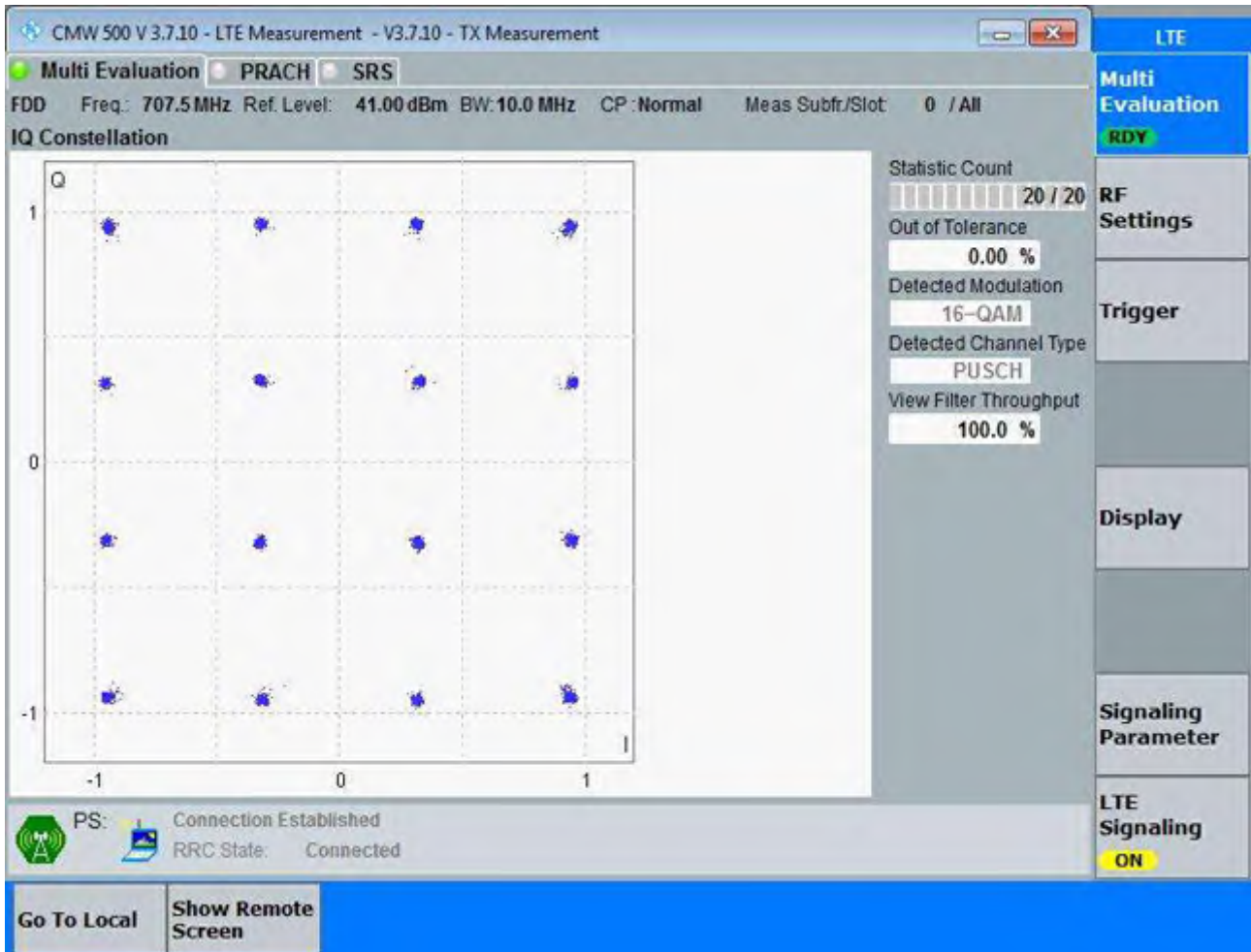




### 3.1.1.2.4 Test Bandwidth = 10

#### 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	1.24	Pass
			HCH	RB6#0	1.09	1.25	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	3.00	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.52	4.98	Pass
			HCH	RB25#0	4.51	4.98	Pass
		10	LCH	RB50#0	8.95	9.88	Pass
			MCH	RB50#0	8.98	9.84	Pass
			HCH	RB50#0	9.02	9.95	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.25	Pass
			MCH	RB6#0	1.10	1.23	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.72	2.97	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.72	2.99	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.52	4.99	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	8.95	9.82	Pass
			MCH	RB50#0	8.99	9.90	Pass
			HCH	RB50#0	9.04	9.88	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**

**4.1.1.1.1.1.1 Test RB = RB6#0**





4.1.1.1.2 Test Channel = MCH

4.1.1.1.2.1 Test RB = RB6#0





### 4.1.1.1.3 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

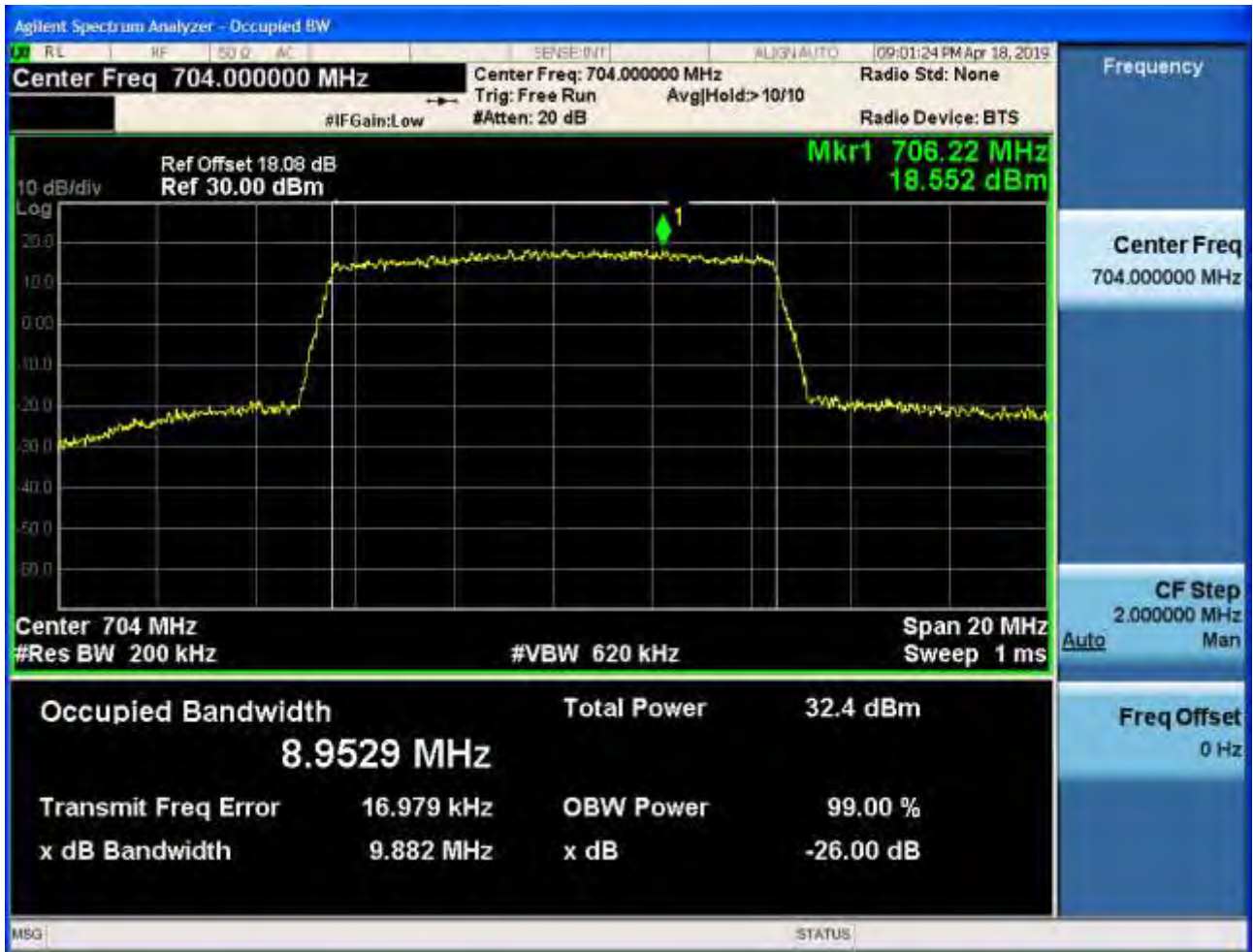
4.1.1.1.3.3.1 Test RB = RB25#0



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

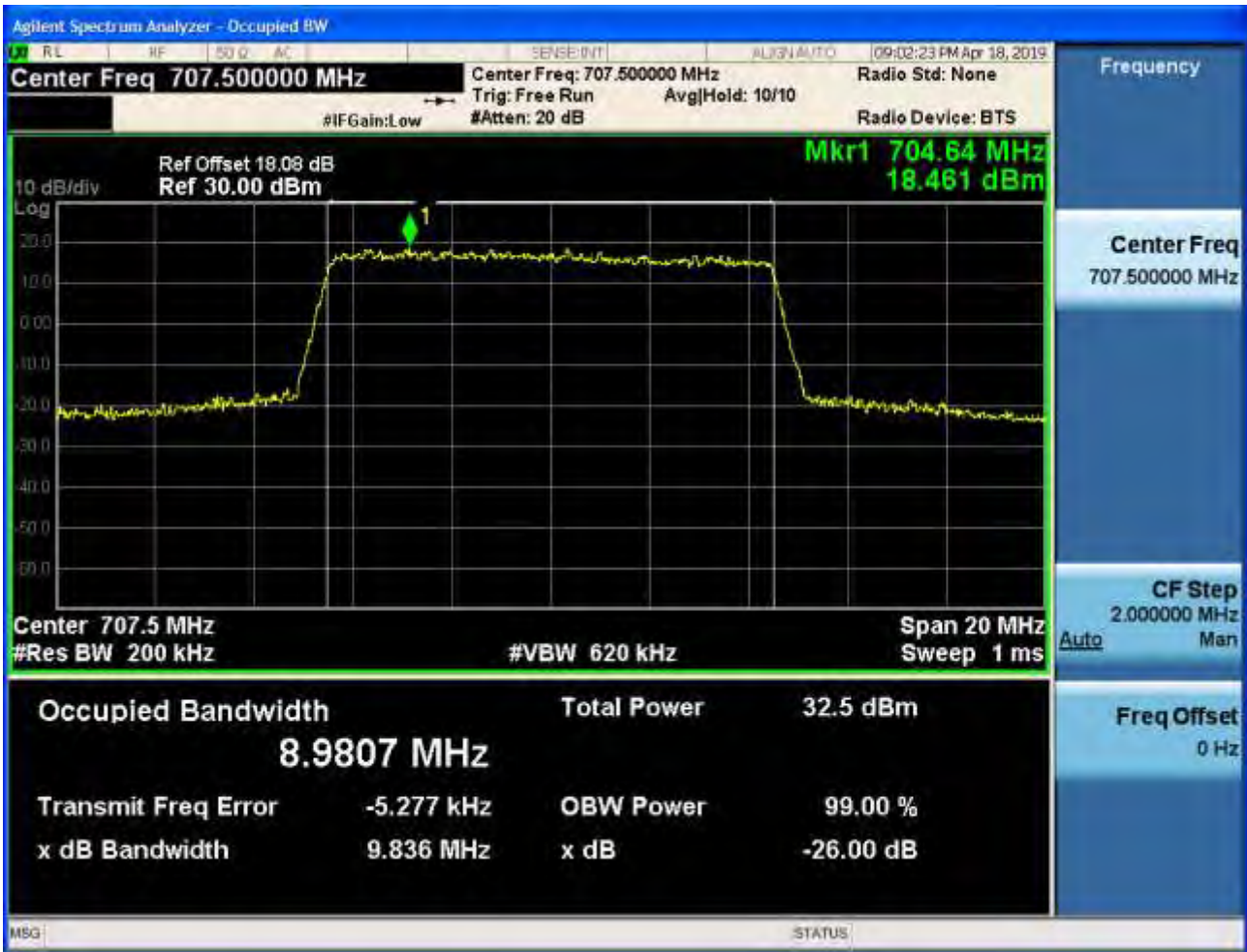






4.1.1.1.4.2 Test Channel = MCH

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

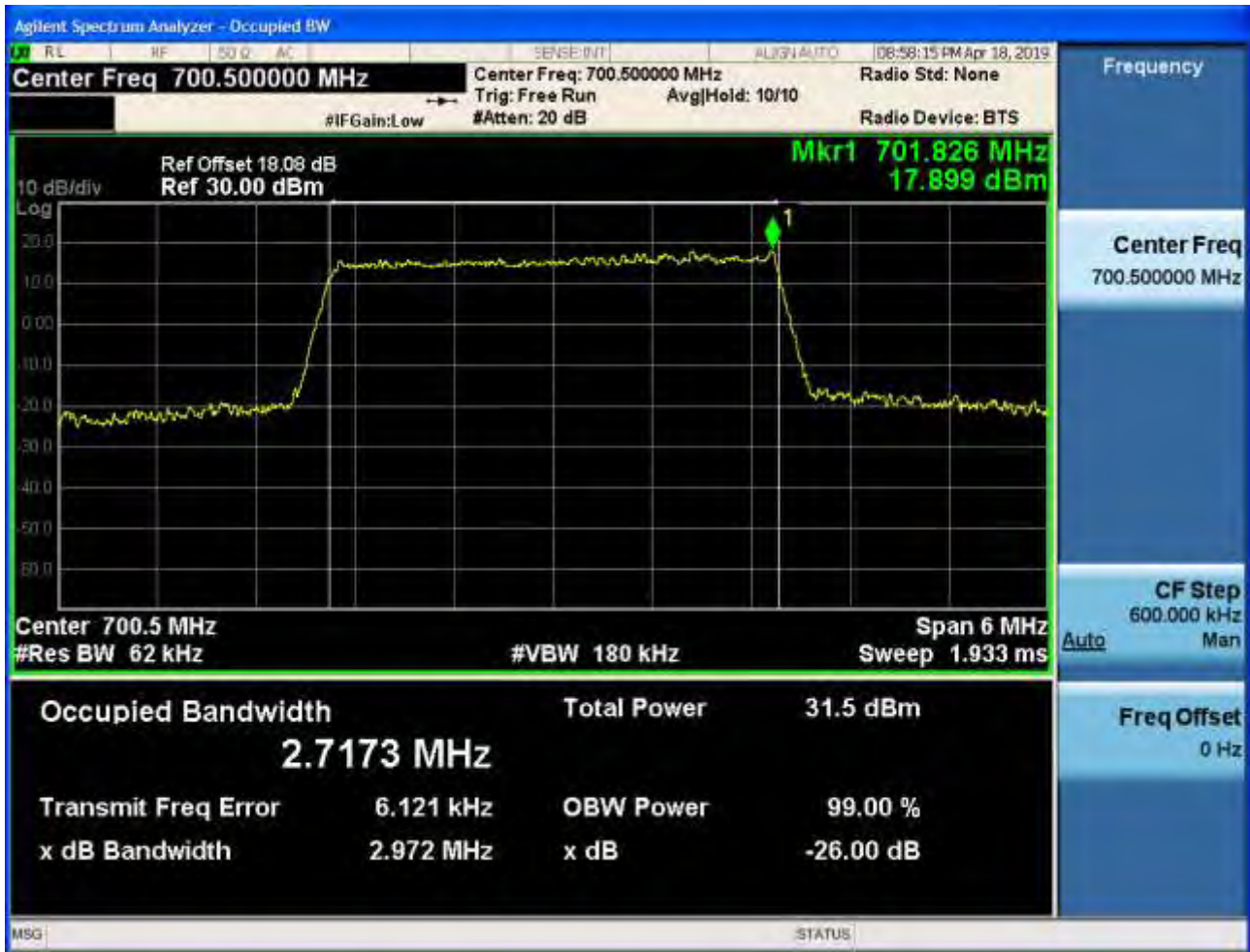
#### 4.1.1.2.1.3.1 Test RB = RB6#0



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

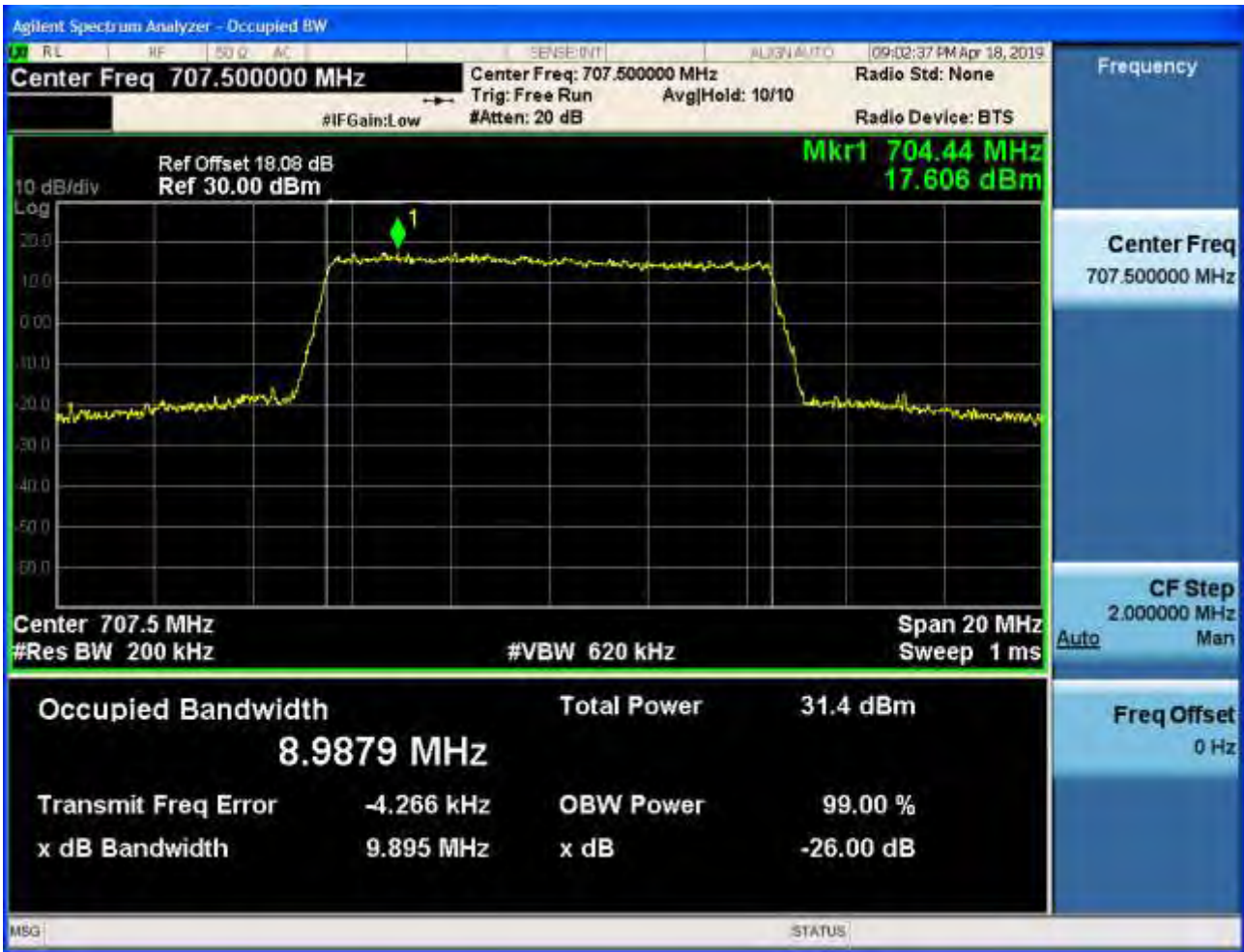
4.1.1.2.4.1.1 Test RB = RB50#0





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 = 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







5.1.1.1.2.2.2 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

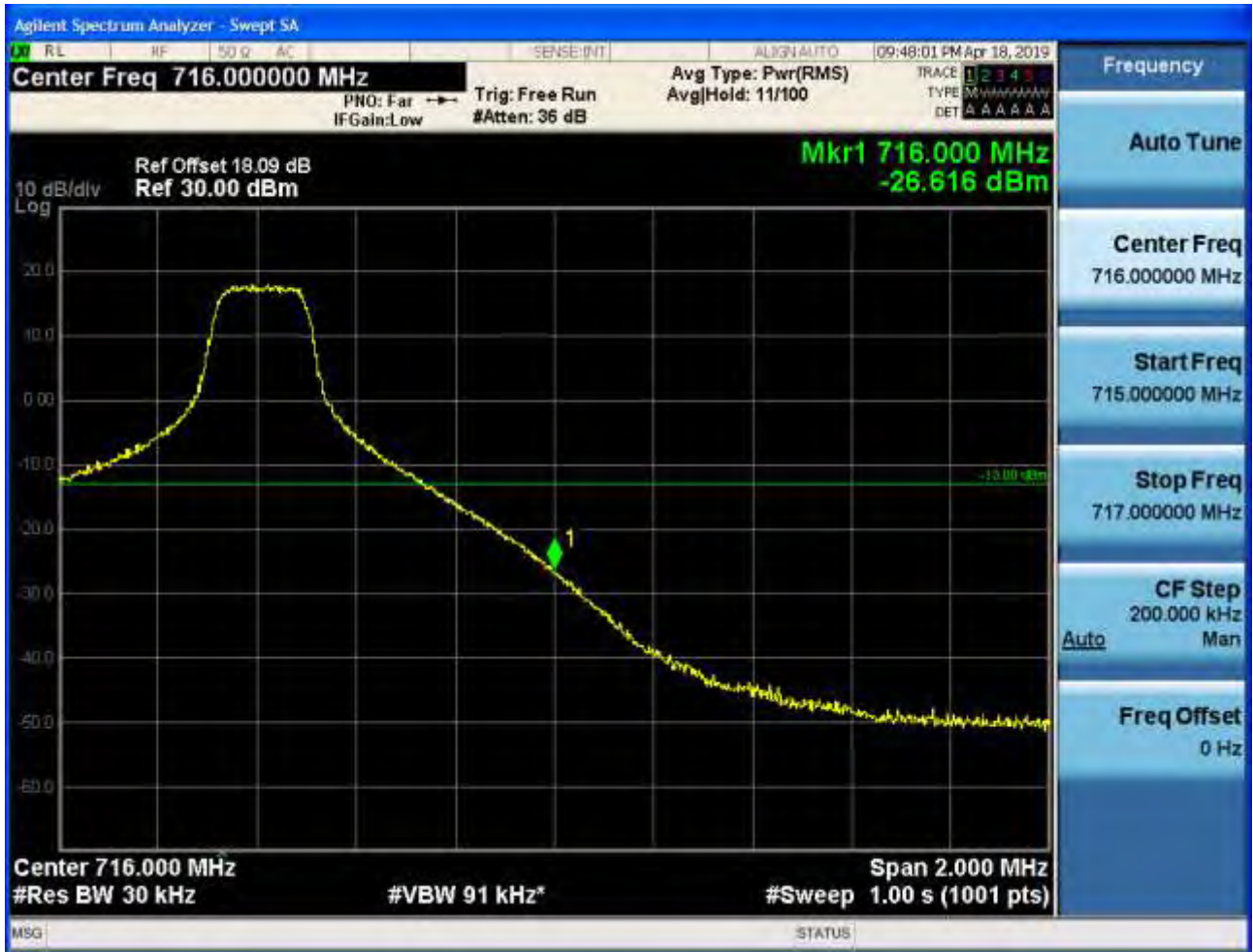
#### 5.1.1.1.4.2.1 Test RB = RB1#0







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







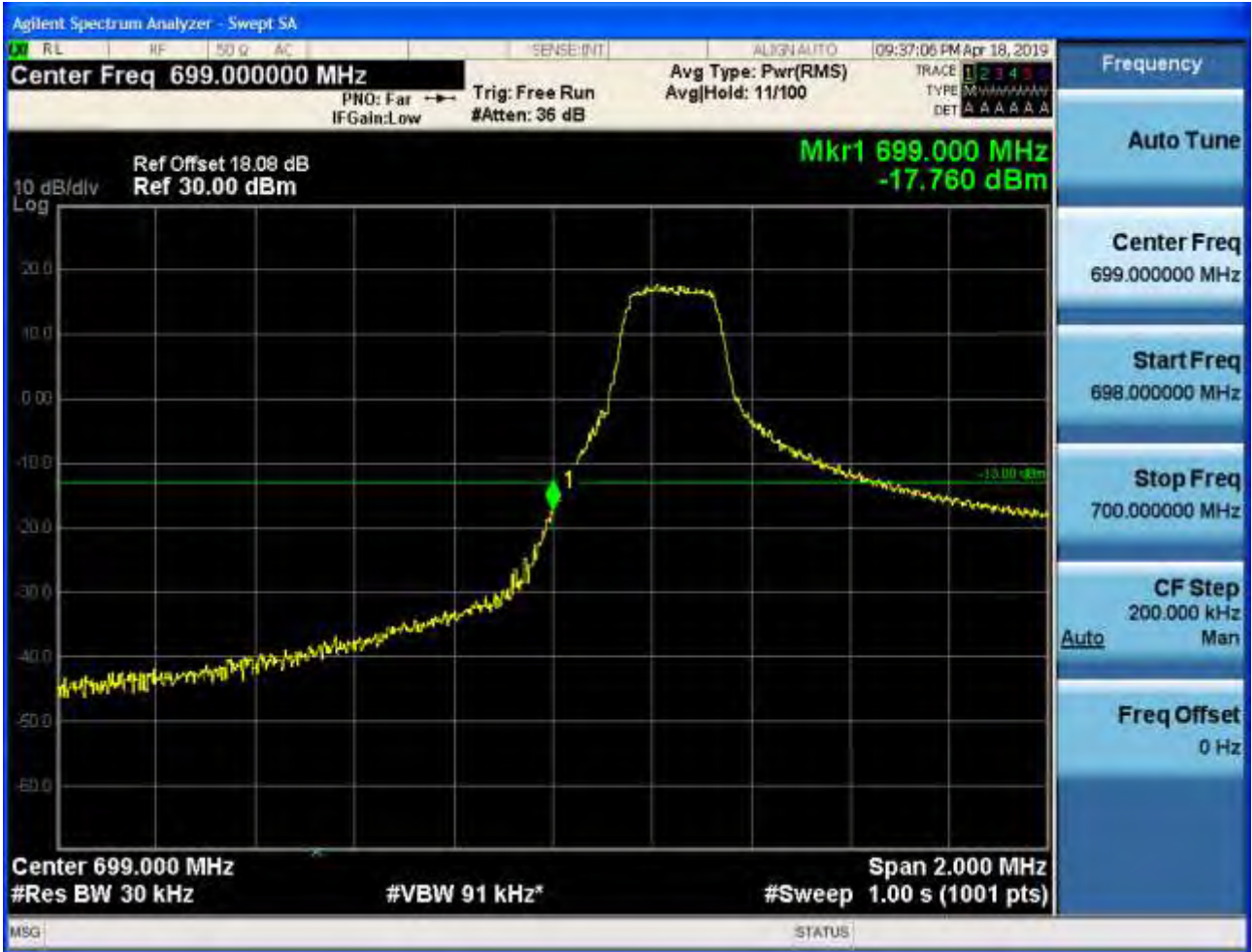
5.1.1.2.1.2.4 Test RB = RB6#0



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







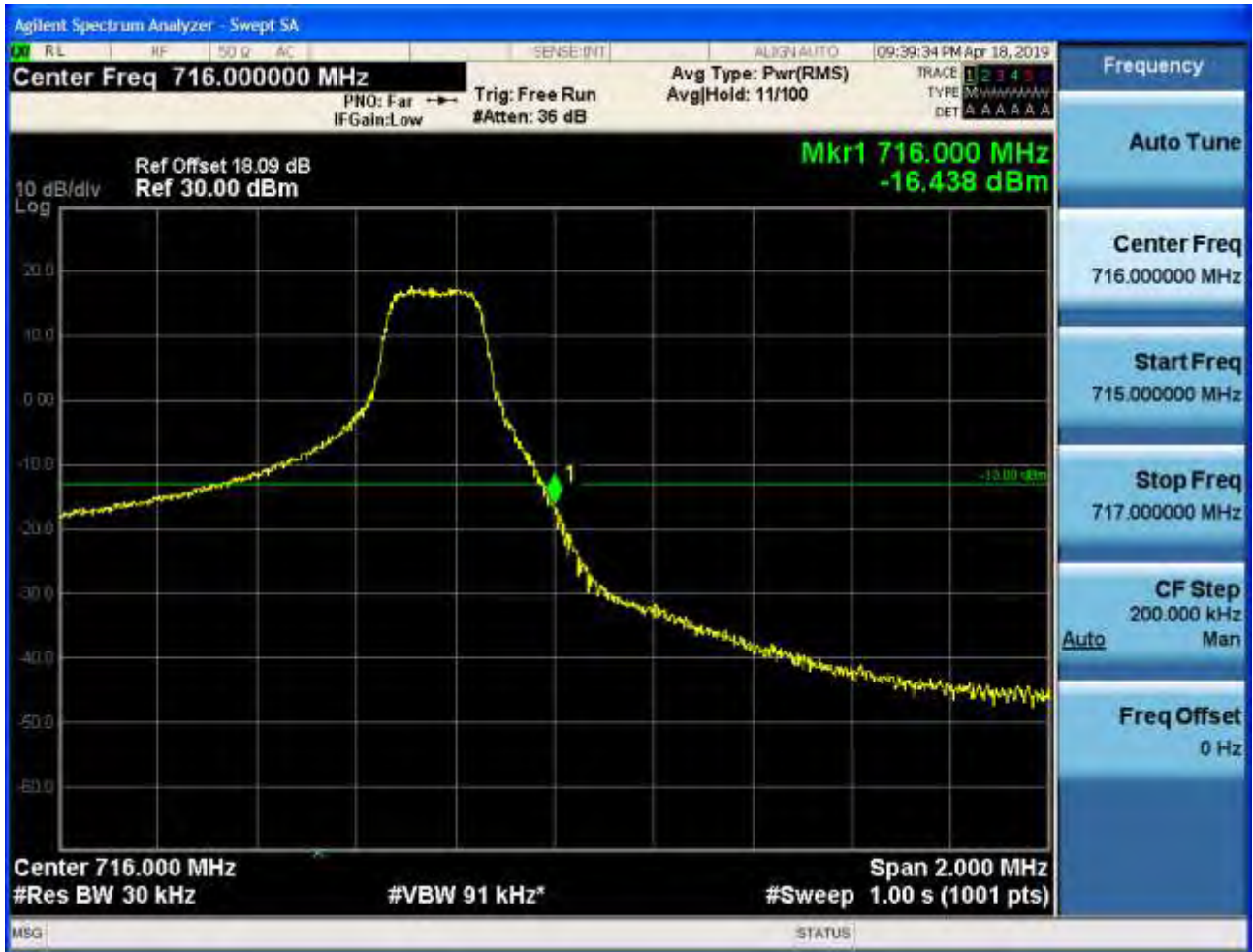
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 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





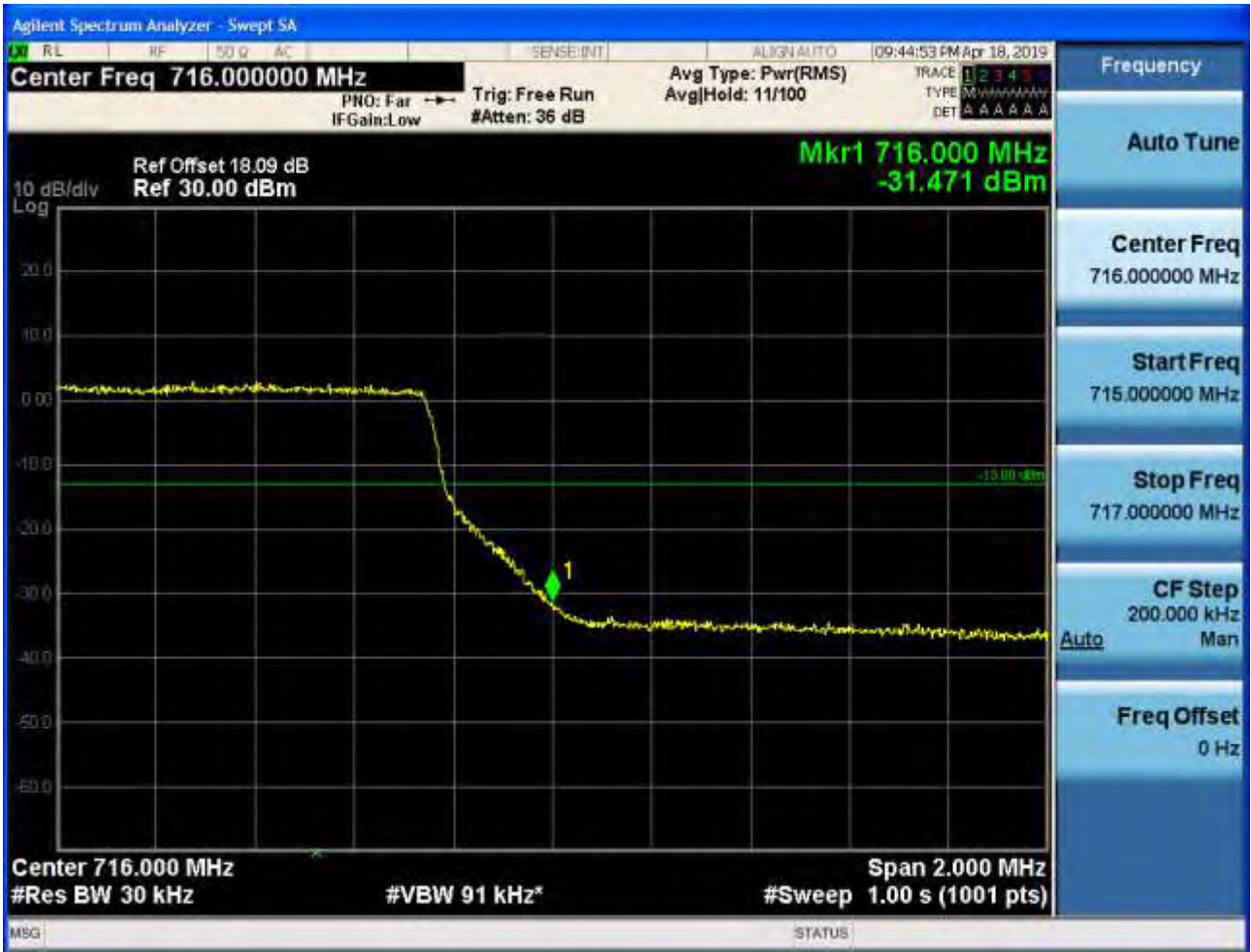


5.1.1.2.3.2.3 Test RB = RB12#6





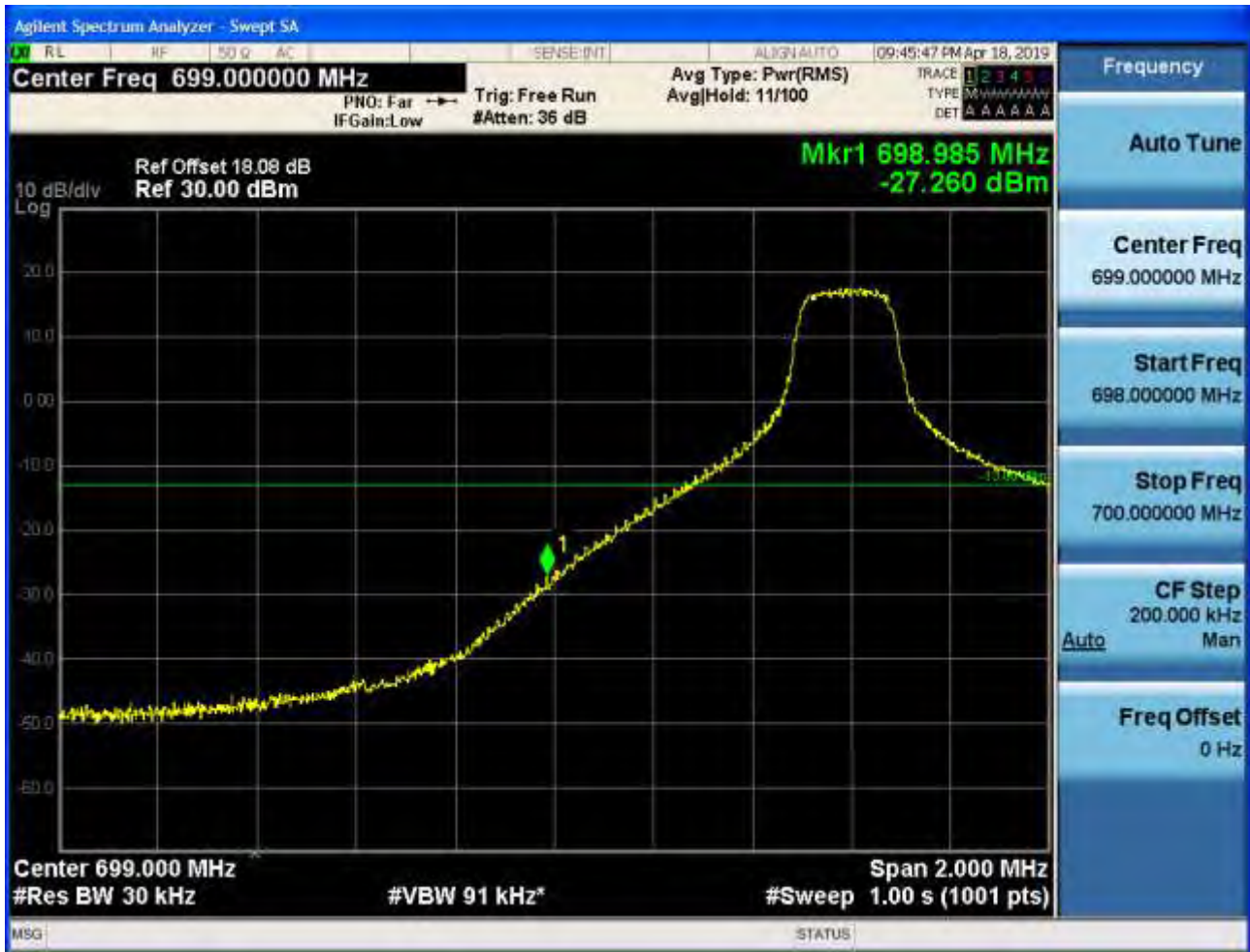
5.1.1.2.3.2.4 Test RB = RB25#0



### 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

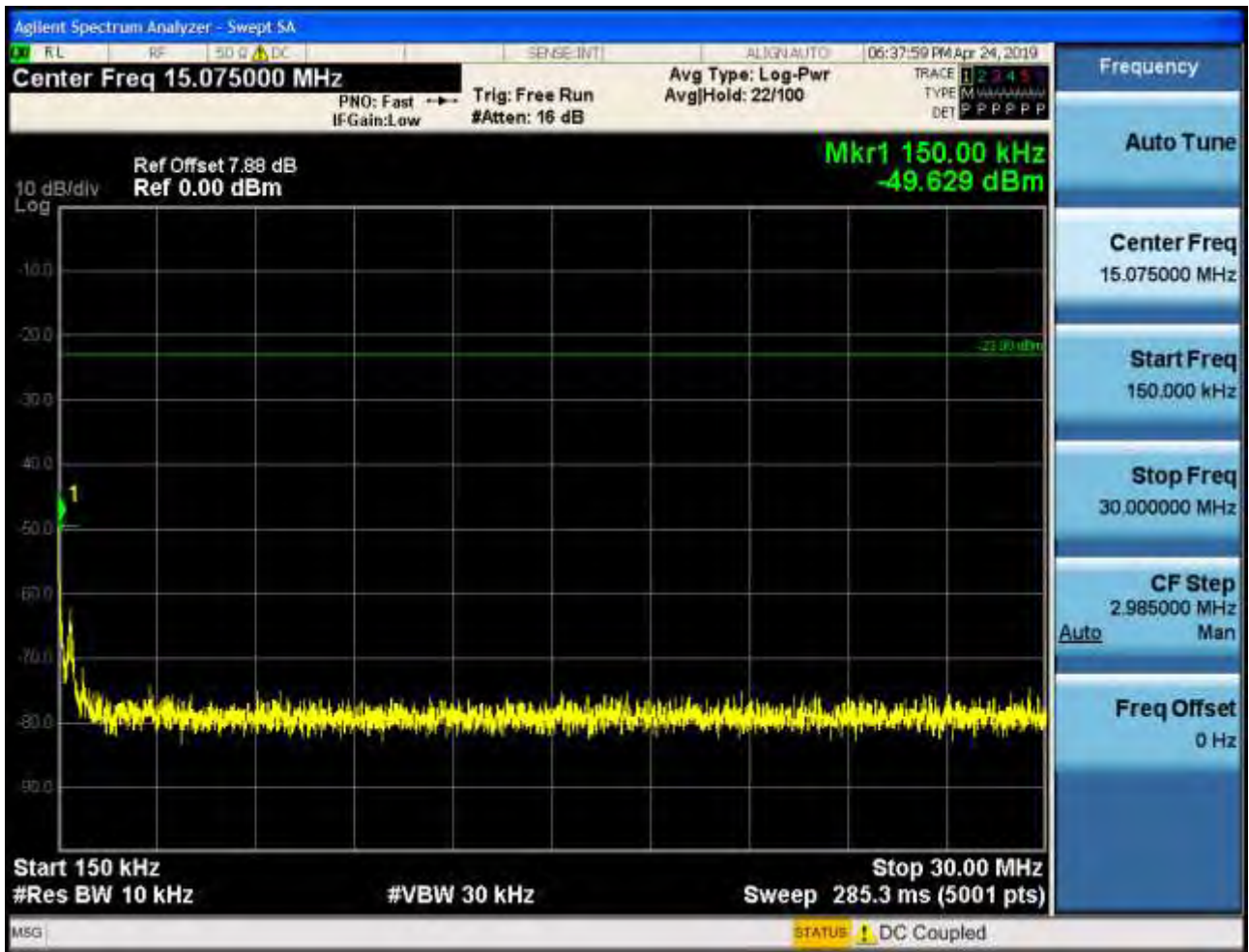
##### 6.1.1.1 Test Mode = LTE/TM1

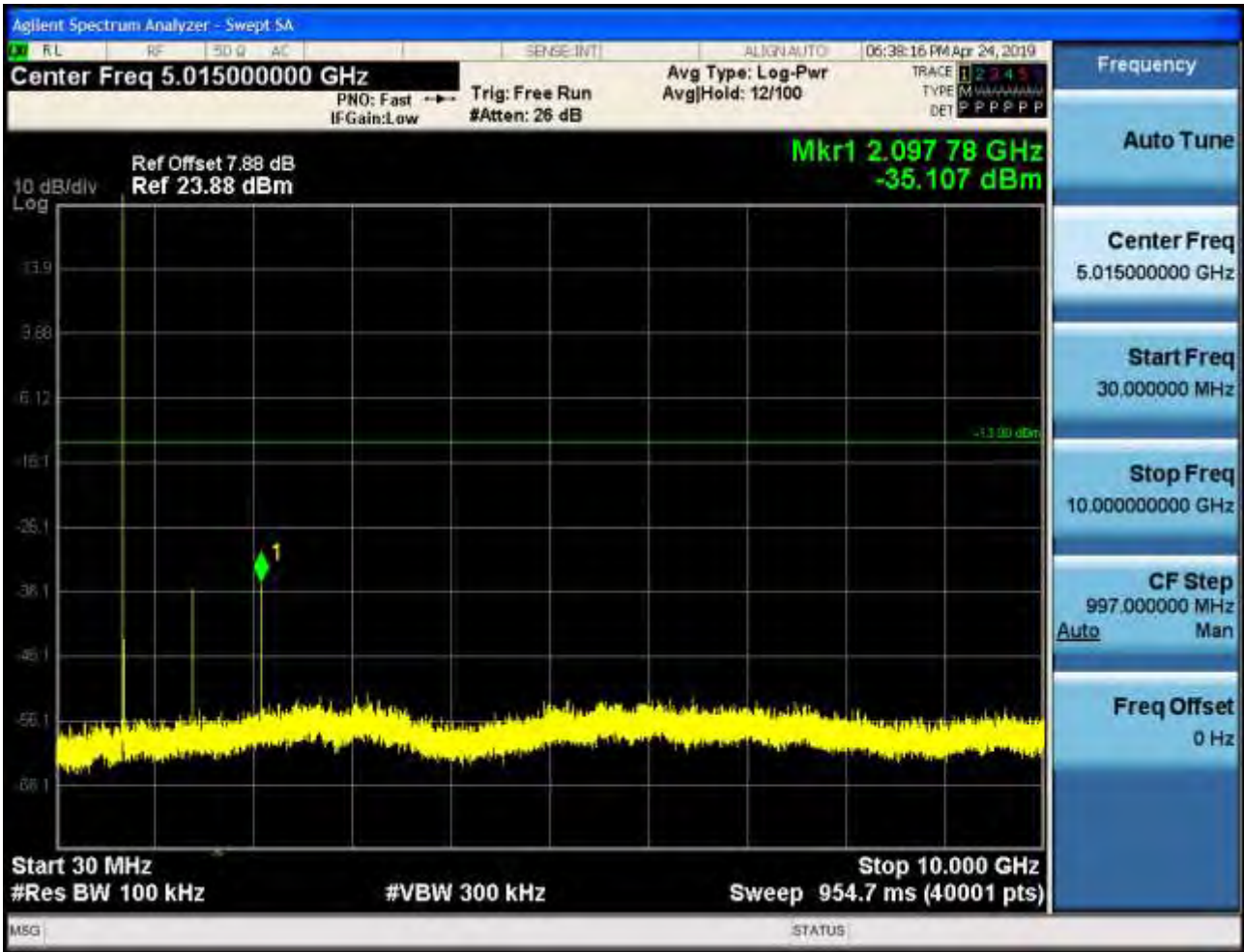
##### 6.1.1.1.1 Test Bandwidth = 1.4

##### 6.1.1.1.1.1 Test Channel = LCH

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





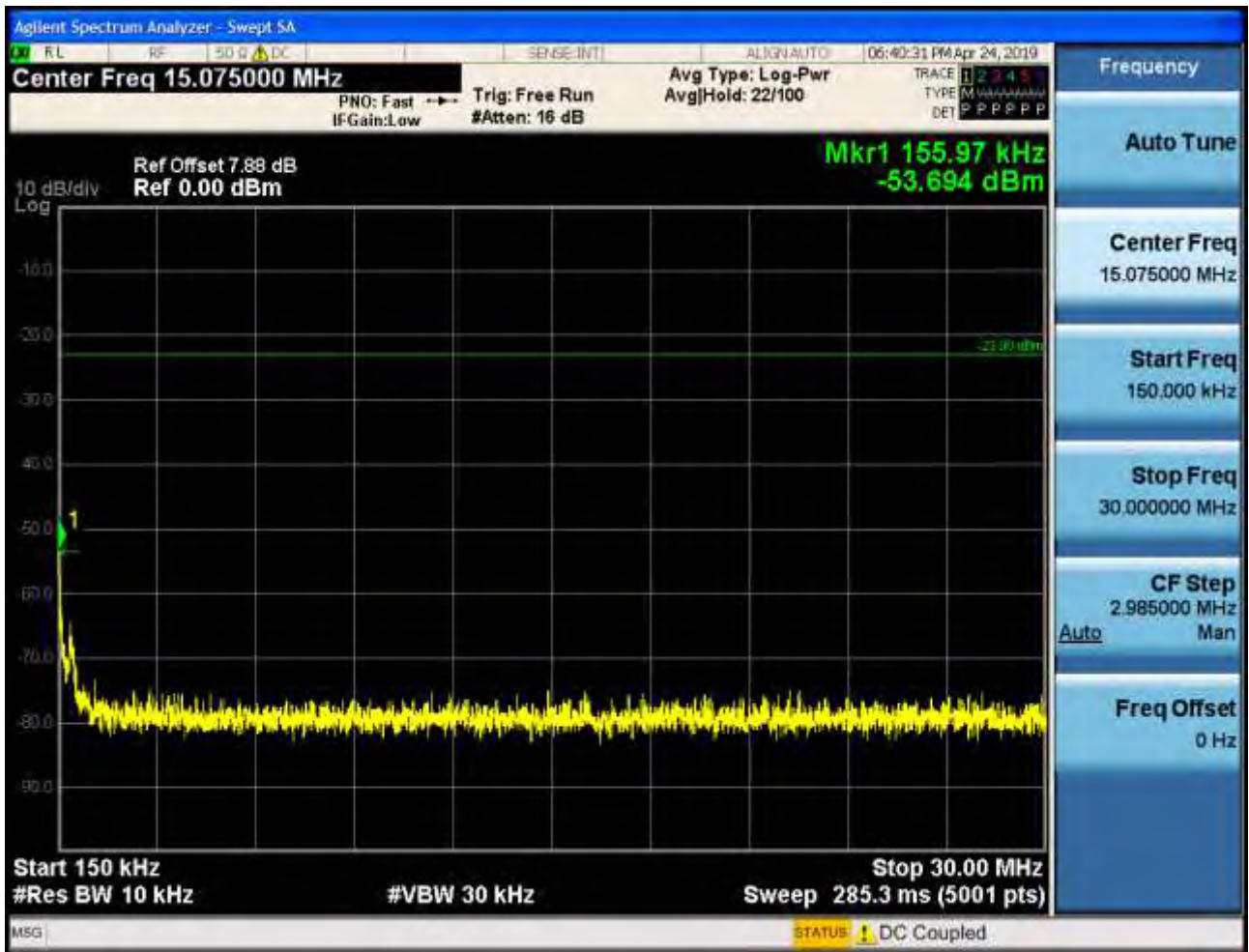


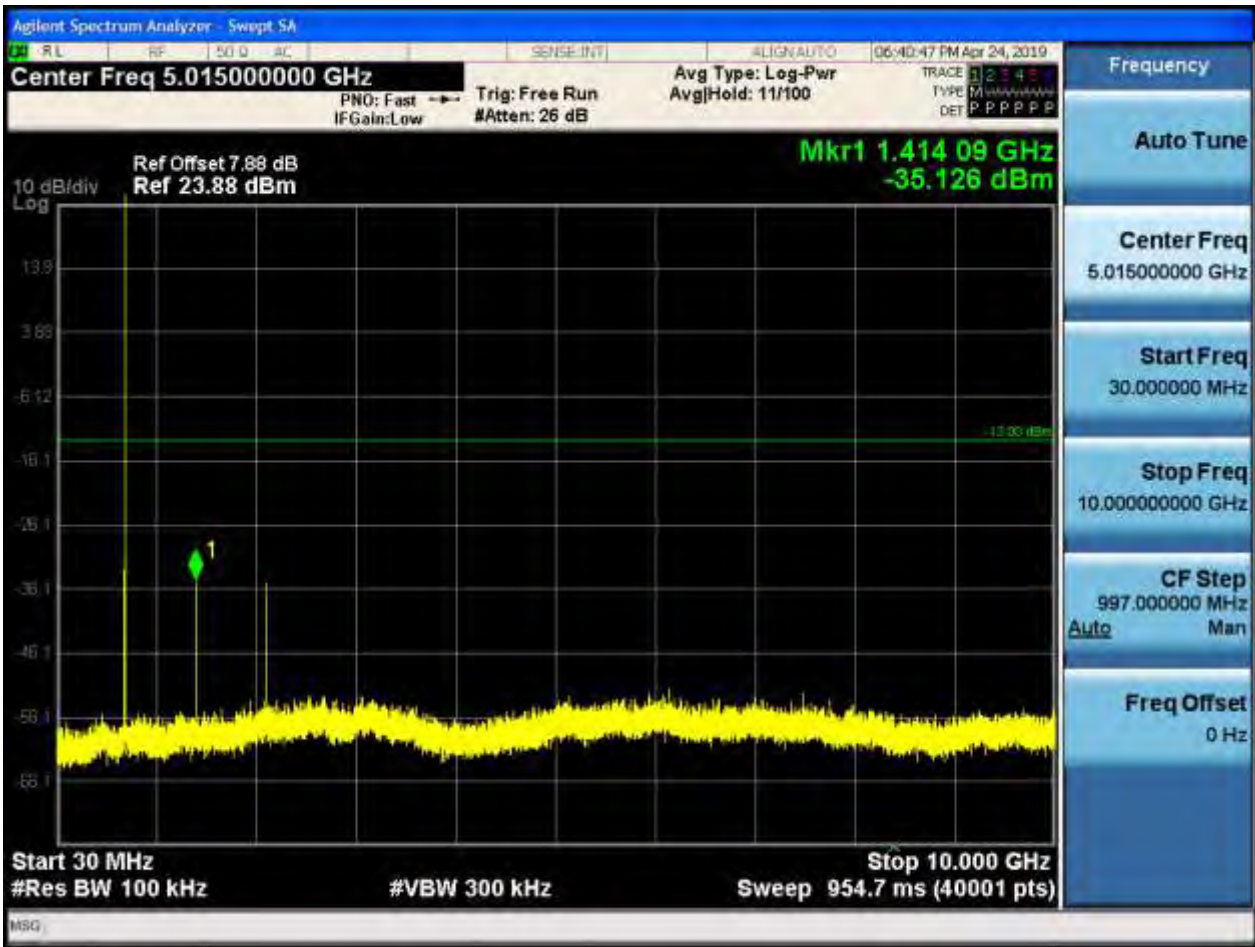
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0





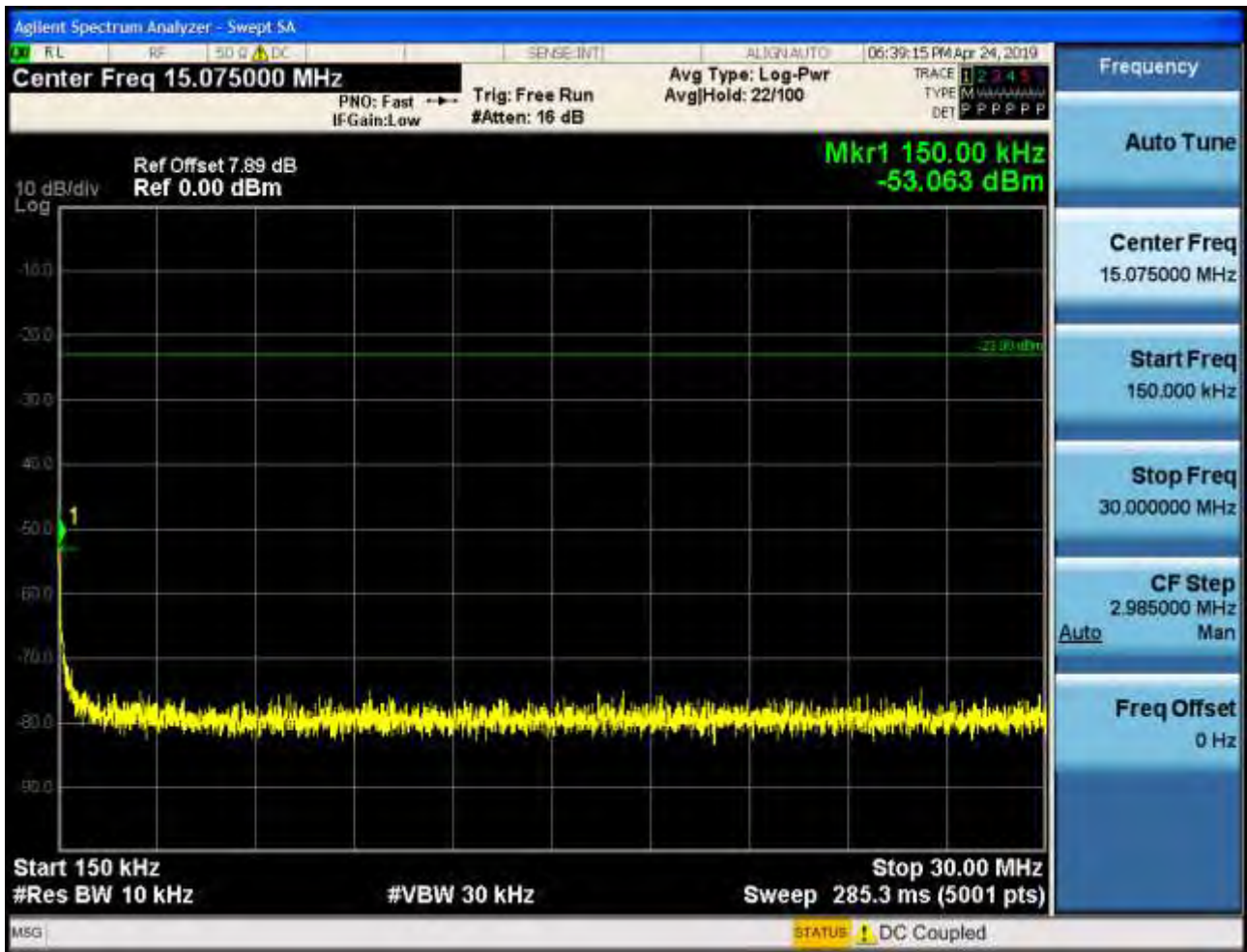




6.1.1.1.3 Test Channel = HCH

6.1.1.1.3.1 Test RB = RB1#0









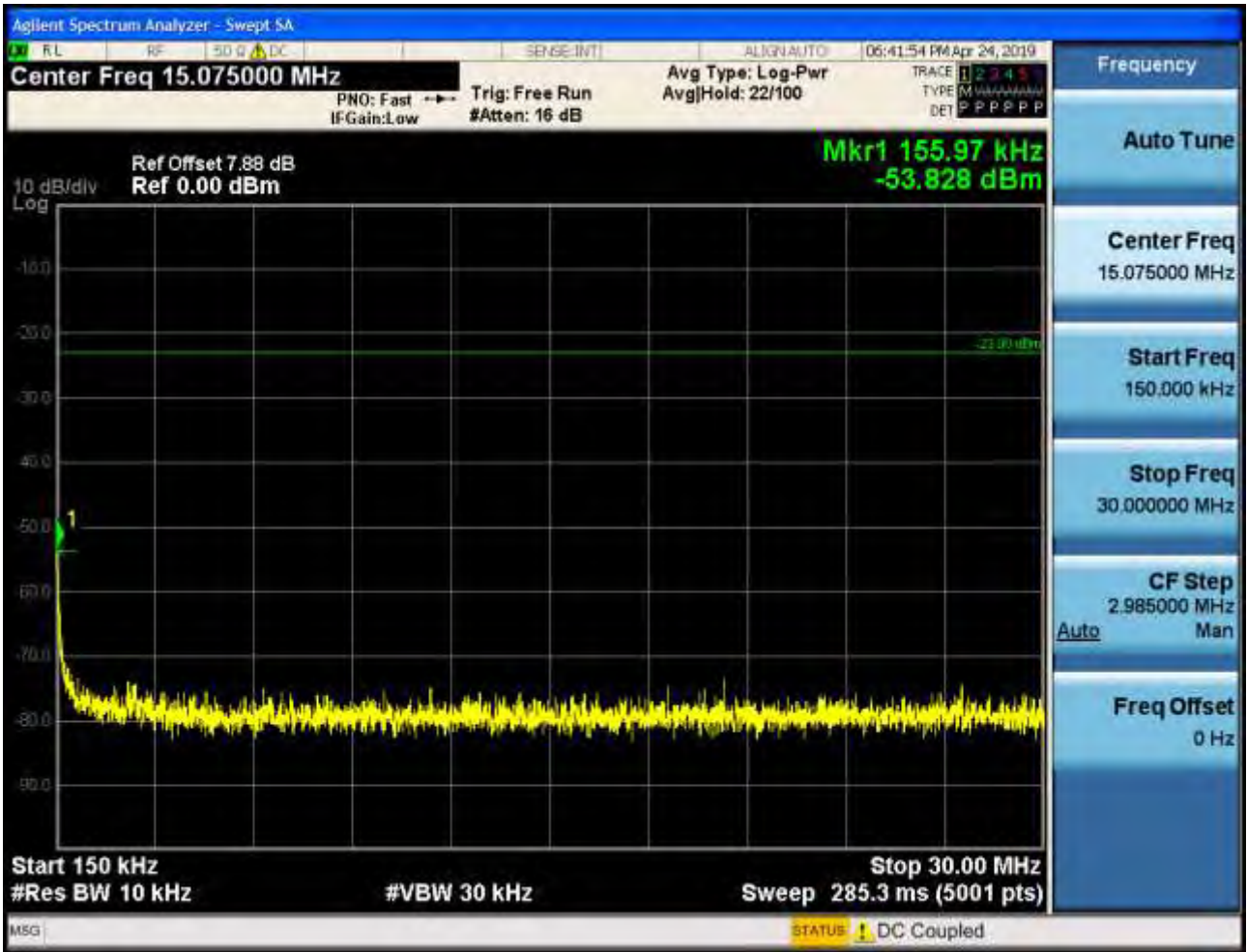


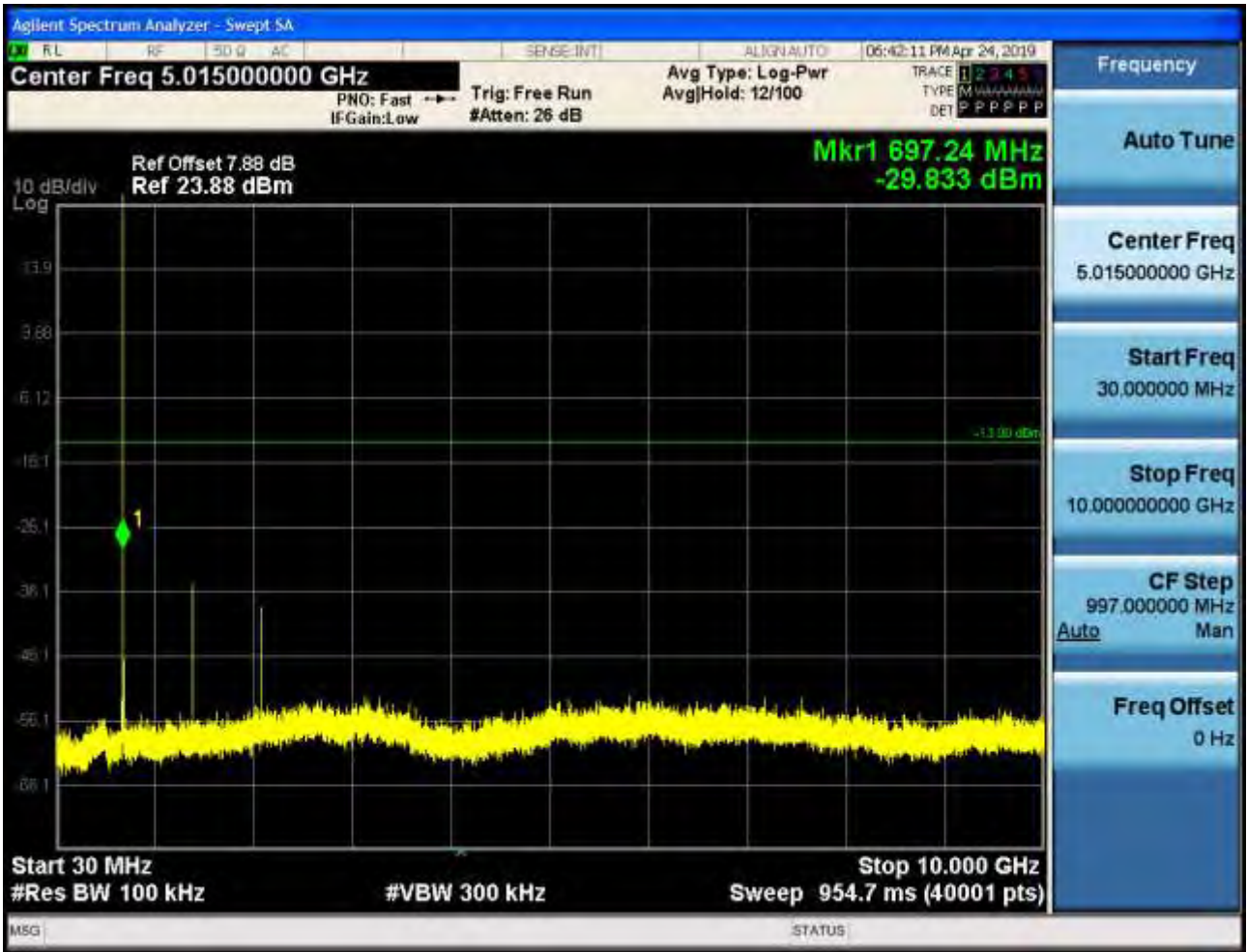
6.2.1.1.2 Test Bandwidth = 3

6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0





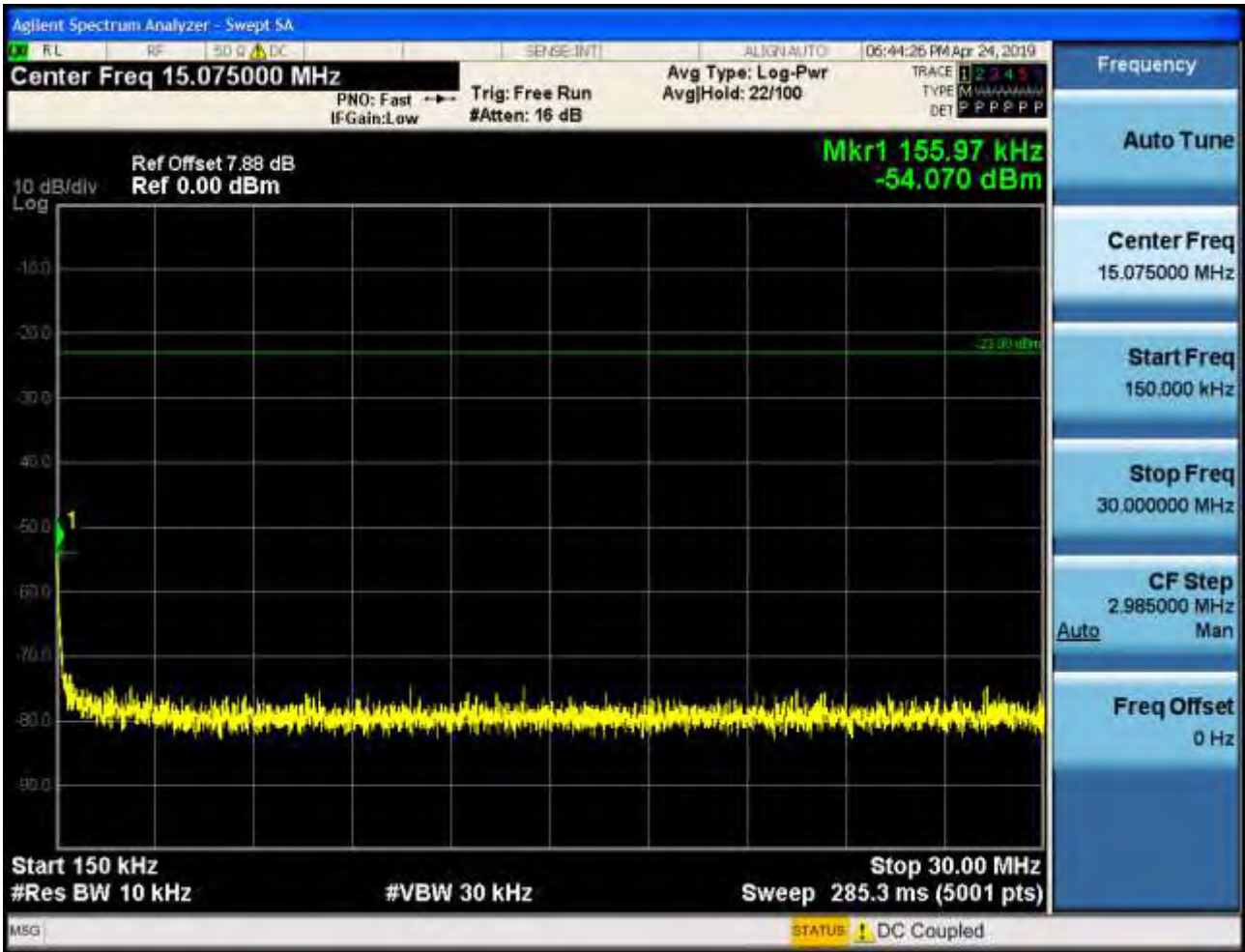


### 6.2.1.1.2.2 Test Channel = MCH

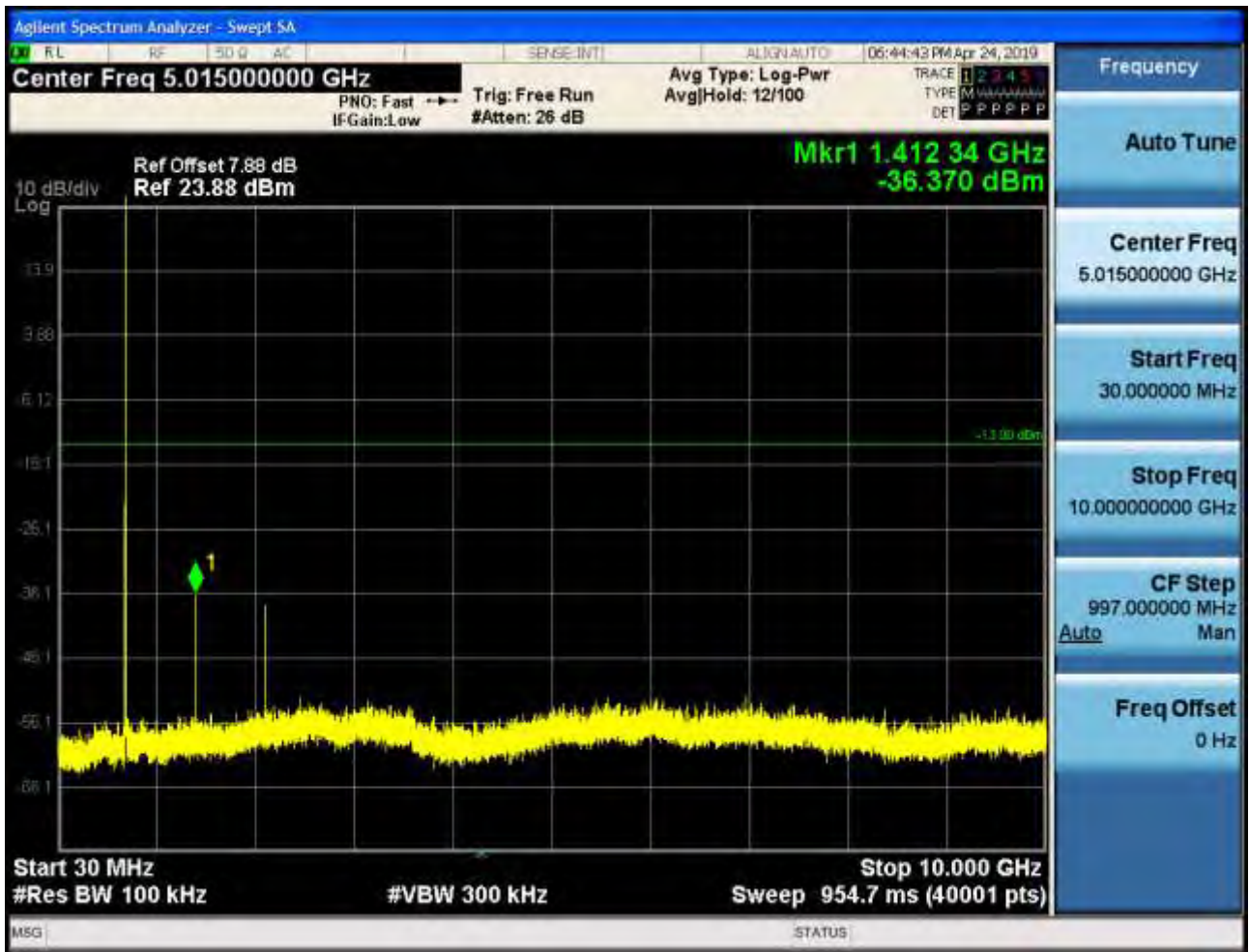
#### 6.2.1.1.2.2.1 Test RB = RB1#0









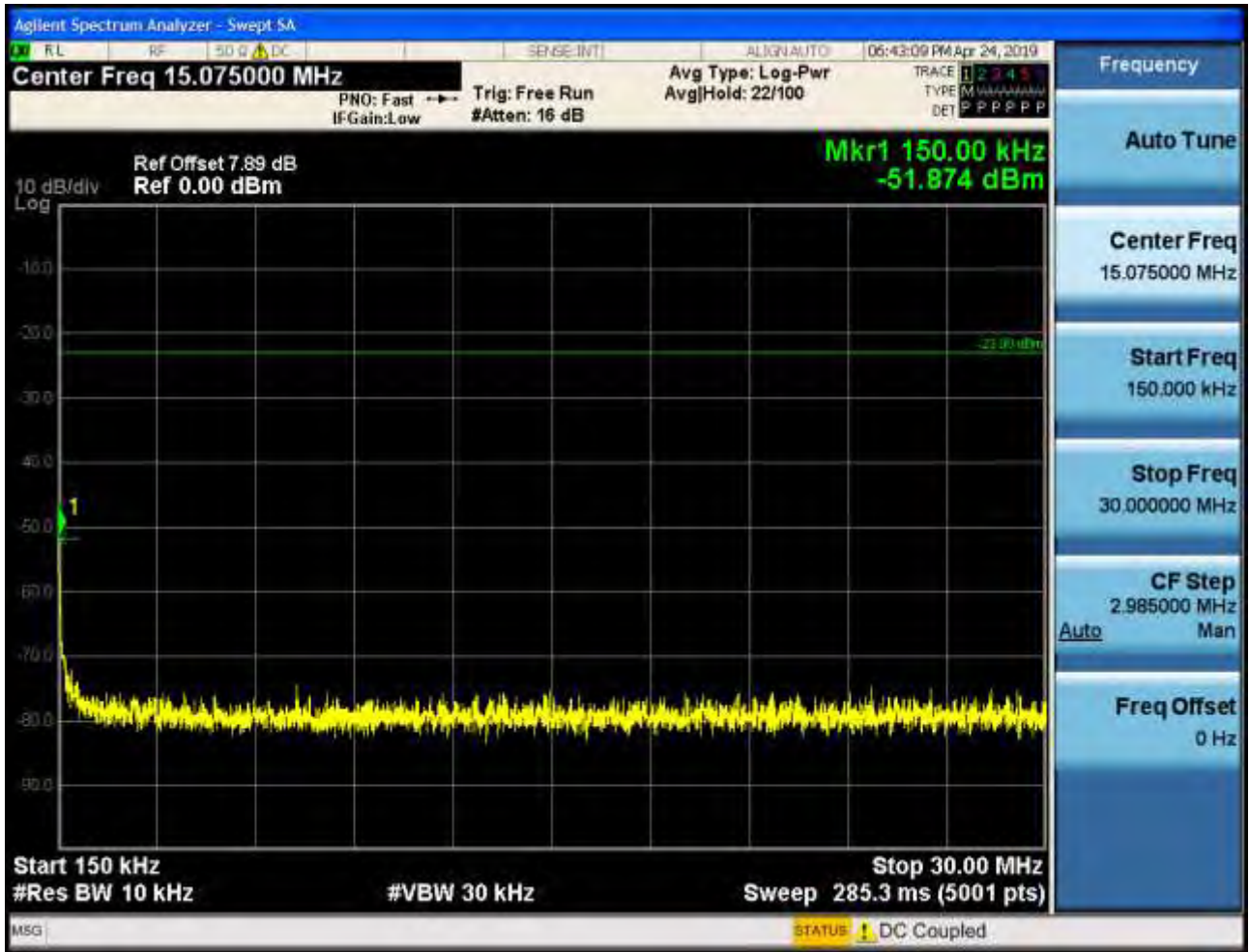


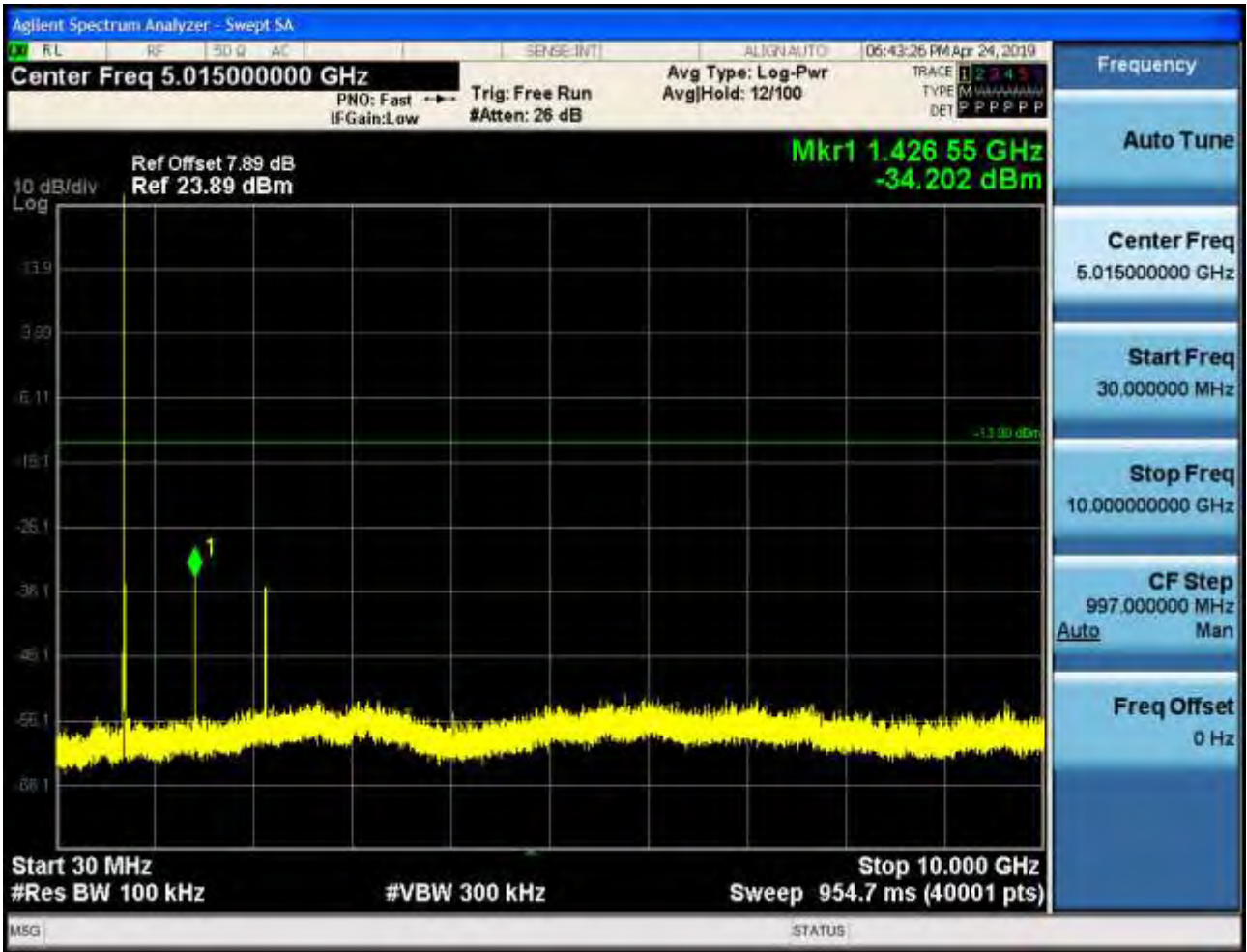


### 6.2.1.1.2.3 Test Channel = HCH

#### 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





