



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]	EIRP [dBm]	Limit [dBm]	Verdict
Band4	LTE/TM1	1.4	LCH	RB1#0	22.64	21.64	30	PASS
				RB1#3	22.39	21.39	30	PASS
				RB1#5	22.73	21.73	30	PASS
				RB3#0	22.55	21.55	30	PASS
				RB3#2	22.22	21.22	30	PASS
				RB3#3	22.63	21.63	30	PASS
				RB6#0	21.47	20.47	30	PASS
			MCH	RB1#0	22.64	21.64	30	PASS
				RB1#3	22.10	21.10	30	PASS
				RB1#5	22.56	21.56	30	PASS
				RB3#0	22.48	21.48	30	PASS
				RB3#2	22.56	21.56	30	PASS
				RB3#3	22.44	21.44	30	PASS
				RB6#0	21.46	20.46	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.57	21.57	30	PASS
				RB1#3	22.44	21.44	30	PASS
				RB1#5	22.72	21.72	30	PASS
				RB3#0	22.56	21.56	30	PASS
				RB3#2	22.00	21.00	30	PASS
				RB3#3	22.54	21.54	30	PASS
				RB6#0	21.53	20.53	30	PASS
		3	LCH	RB1#0	22.68	21.68	30	PASS
				RB1#7	22.07	21.07	30	PASS
				RB1#14	22.73	21.73	30	PASS
				RB8#0	21.58	20.58	30	PASS
				RB8#4	21.59	20.59	30	PASS
				RB8#7	21.58	20.58	30	PASS
				RB15#0	21.64	20.64	30	PASS
			MCH	RB1#0	22.64	21.64	30	PASS
				RB1#7	22.32	21.32	30	PASS
				RB1#14	22.69	21.69	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.49	20.49	30	PASS
				RB8#4	21.54	20.54	30	PASS
				RB8#7	21.62	20.62	30	PASS
				RB15#0	21.52	20.52	30	PASS
			HCH	RB1#0	22.61	21.61	30	PASS
				RB1#7	21.64	20.64	30	PASS
				RB1#14	22.59	21.59	30	PASS
				RB8#0	21.56	20.56	30	PASS
			RB8#4	21.64	20.64	30	PASS	
			RB8#7	21.50	20.50	30	PASS	
			RB15#0	21.63	20.63	30	PASS	
			5	LCH	RB1#0	22.74	21.74	30
		RB1#13			22.76	21.76	30	PASS
		RB1#24			22.73	21.73	30	PASS
		RB12#0			21.71	20.71	30	PASS
		RB12#6			21.73	20.73	30	PASS
		RB12#13			21.78	20.78	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.72	20.72	30	PASS
			MCH	RB1#0	22.61	21.61	30	PASS
				RB1#13	22.57	21.57	30	PASS
				RB1#24	22.56	21.56	30	PASS
				RB12#0	21.63	20.63	30	PASS
				RB12#6	21.56	20.56	30	PASS
				RB12#13	21.61	20.61	30	PASS
				RB25#0	21.55	20.55	30	PASS
				HCH	RB1#0	22.59	21.59	30
			RB1#13		22.70	21.70	30	PASS
			RB1#24		22.57	21.57	30	PASS
			RB12#0		21.66	20.66	30	PASS
			RB12#6		21.70	20.70	30	PASS
			RB12#13		21.68	20.68	30	PASS
			RB25#0		21.55	20.55	30	PASS
		10	LCH	RB1#0	22.65	21.65	30	PASS
				RB1#25	22.34	21.34	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.61	21.61	30	PASS
				RB25#0	21.66	20.66	30	PASS
				RB25#13	21.75	20.75	30	PASS
				RB25#25	21.52	20.52	30	PASS
				RB50#0	21.57	20.57	30	PASS
			MCH	RB1#0	22.52	21.52	30	PASS
				RB1#25	22.45	21.45	30	PASS
				RB1#49	22.62	21.62	30	PASS
				RB25#0	21.57	20.57	30	PASS
				RB25#13	21.50	20.50	30	PASS
				RB25#25	21.55	20.55	30	PASS
				RB50#0	21.56	20.56	30	PASS
			HCH	RB1#0	22.48	21.48	30	PASS
				RB1#25	22.23	21.23	30	PASS
				RB1#49	22.59	21.59	30	PASS
				RB25#0	21.67	20.67	30	PASS
				RB25#13	21.55	20.55	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.59	20.59	30	PASS
				RB50#0	21.52	20.52	30	PASS
		15	LCH	RB1#0	22.63	21.63	30	PASS
				RB1#38	22.77	21.77	30	PASS
				RB1#74	22.59	21.59	30	PASS
				RB38#0	21.71	20.71	30	PASS
				RB38#19	21.69	20.69	30	PASS
				RB38#39	21.68	20.68	30	PASS
				RB75#0	21.57	20.57	30	PASS
		15	MCH	RB1#0	22.58	21.58	30	PASS
				RB1#38	22.67	21.67	30	PASS
				RB1#74	22.49	21.49	30	PASS
				RB38#0	21.62	20.62	30	PASS
				RB38#19	21.65	20.65	30	PASS
				RB38#39	21.68	20.68	30	PASS
15	HCH	RB1#0	22.51	21.51	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	22.69	21.69	30	PASS	
				RB1#74	22.51	21.51	30	PASS	
				RB38#0	21.60	20.60	30	PASS	
				RB38#19	21.67	20.67	30	PASS	
				RB38#39	21.62	20.62	30	PASS	
				RB75#0	21.63	20.63	30	PASS	
		20	LCH	RB1#0	22.54	21.54	30	PASS	
				RB1#50	22.49	21.49	30	PASS	
				RB1#99	22.60	21.60	30	PASS	
				RB50#0	21.72	20.72	30	PASS	
				RB50#25	21.60	20.60	30	PASS	
				RB50#50	21.57	20.57	30	PASS	
				RB100#0	21.63	20.63	30	PASS	
				MCH	RB1#0	22.43	21.43	30	PASS
					RB1#50	22.45	21.45	30	PASS
					RB1#99	22.49	21.49	30	PASS
RB50#0	21.65	20.65	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.51	20.51	30	PASS
				RB50#50	21.56	20.56	30	PASS
				RB100#0	21.50	20.50	30	PASS
			HCH	RB1#0	22.39	21.39	30	PASS
				RB1#50	22.18	21.18	30	PASS
				RB1#99	22.58	21.58	30	PASS
				RB50#0	21.54	20.54	30	PASS
				RB50#25	21.50	20.50	30	PASS
				RB50#50	21.65	20.65	30	PASS
				RB100#0	21.53	20.53	30	PASS
			LCH	RB1#0	21.87	20.87	30	PASS
				RB1#3	21.68	20.68	30	PASS
				RB1#5	21.96	20.96	30	PASS
				RB3#0	21.58	20.58	30	PASS
RB3#2	21.68	20.68		30	PASS			
RB3#3	21.61	20.61		30	PASS			
RB6#0	20.64	19.64		30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.66	20.66	30	PASS
				RB1#3	21.22	20.22	30	PASS
				RB1#5	21.90	20.90	30	PASS
				RB3#0	21.68	20.68	30	PASS
				RB3#2	21.49	20.49	30	PASS
				RB3#3	21.59	20.59	30	PASS
			RB6#0	20.54	19.54	30	PASS	
			HCH	RB1#0	22.19	21.19	30	PASS
				RB1#3	21.73	20.73	30	PASS
				RB1#5	21.81	20.81	30	PASS
				RB3#0	21.62	20.62	30	PASS
				RB3#2	21.29	20.29	30	PASS
		RB3#3		21.63	20.63	30	PASS	
		3	LCH	RB1#0	21.94	20.94	30	PASS
				RB1#7	21.56	20.56	30	PASS
				RB1#14	21.82	20.82	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.70	19.70	30	PASS
				RB8#4	20.68	19.68	30	PASS
				RB8#7	20.66	19.66	30	PASS
				RB15#0	20.63	19.63	30	PASS
			MCH	RB1#0	21.75	20.75	30	PASS
				RB1#7	21.41	20.41	30	PASS
				RB1#14	21.74	20.74	30	PASS
				RB8#0	20.52	19.52	30	PASS
				RB8#4	20.51	19.51	30	PASS
				RB8#7	20.58	19.58	30	PASS
				RB15#0	20.56	19.56	30	PASS
			HCH	RB1#0	21.61	20.61	30	PASS
				RB1#7	21.31	20.31	30	PASS
				RB1#14	21.60	20.60	30	PASS
				RB8#0	20.61	19.61	30	PASS
				RB8#4	20.61	19.61	30	PASS
				RB8#7	20.61	19.61	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.59	19.59	30	PASS
		5	LCH	RB1#0	22.07	21.07	30	PASS
				RB1#13	22.12	21.12	30	PASS
				RB1#24	22.02	21.02	30	PASS
				RB12#0	20.65	19.65	30	PASS
				RB12#6	20.59	19.59	30	PASS
				RB12#13	20.62	19.62	30	PASS
				RB25#0	20.58	19.58	30	PASS
				MCH	RB1#0	21.99	20.99	30
			RB1#13		21.99	20.99	30	PASS
			RB1#24		21.95	20.95	30	PASS
			RB12#0		20.69	19.69	30	PASS
			RB12#6		20.55	19.55	30	PASS
			RB12#13		20.60	19.60	30	PASS
			RB25#0		20.56	19.56	30	PASS
			HCH	RB1#0	21.77	20.77	30	PASS
		RB1#13		21.81	20.81	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.70	20.70	30	PASS
				RB12#0	20.64	19.64	30	PASS
				RB12#6	20.51	19.51	30	PASS
				RB12#13	20.68	19.68	30	PASS
				RB25#0	20.63	19.63	30	PASS
		10	LCH	RB1#0	21.85	20.85	30	PASS
				RB1#25	21.78	20.78	30	PASS
				RB1#49	21.82	20.82	30	PASS
				RB25#0	20.69	19.69	30	PASS
				RB25#13	20.62	19.62	30	PASS
				RB25#25	20.62	19.62	30	PASS
				RB50#0	20.64	19.64	30	PASS
			MCH	RB1#0	22.03	21.03	30	PASS
				RB1#25	21.51	20.51	30	PASS
				RB1#49	22.14	21.14	30	PASS
				RB25#0	20.56	19.56	30	PASS
				RB25#13	20.55	19.55	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.52	19.52	30	PASS
				RB50#0	20.48	19.48	30	PASS
			HCH	RB1#0	21.83	20.83	30	PASS
				RB1#25	21.51	20.51	30	PASS
				RB1#49	21.79	20.79	30	PASS
				RB25#0	20.52	19.52	30	PASS
				RB25#13	20.54	19.54	30	PASS
				RB25#25	20.52	19.52	30	PASS
				RB50#0	20.52	19.52	30	PASS
				15	LCH	RB1#0	21.70	20.70
		RB1#38	21.75			20.75	30	PASS
		RB1#74	21.65			20.65	30	PASS
		RB38#0	20.58			19.58	30	PASS
		RB38#19	20.67			19.67	30	PASS
		RB38#39	20.69			19.69	30	PASS
		RB75#0	20.56			19.56	30	PASS
		MCH	RB1#0	21.77	20.77	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.94	20.94	30	PASS
				RB1#74	21.82	20.82	30	PASS
				RB38#0	20.47	19.47	30	PASS
				RB38#19	20.55	19.55	30	PASS
				RB38#39	20.54	19.54	30	PASS
				RB75#0	20.51	19.51	30	PASS
			HCH	RB1#0	21.61	20.61	30	PASS
				RB1#38	21.83	20.83	30	PASS
				RB1#74	21.60	20.60	30	PASS
				RB38#0	20.51	19.51	30	PASS
				RB38#19	20.61	19.61	30	PASS
				RB38#39	20.54	19.54	30	PASS
		20	LCH	RB1#0	21.90	20.90	30	PASS
				RB1#50	21.72	20.72	30	PASS
				RB1#99	21.93	20.93	30	PASS
				RB50#0	20.53	19.53	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.55	19.55	30	PASS
				RB50#50	20.54	19.54	30	PASS
				RB100#0	20.56	19.56	30	PASS
			MCH	RB1#0	21.66	20.66	30	PASS
				RB1#50	21.16	20.16	30	PASS
				RB1#99	21.72	20.72	30	PASS
				RB50#0	20.61	19.61	30	PASS
				RB50#25	20.41	19.41	30	PASS
				RB50#50	20.48	19.48	30	PASS
				RB100#0	20.53	19.53	30	PASS
			HCH	RB1#0	21.67	20.67	30	PASS
				RB1#50	21.27	20.27	30	PASS
				RB1#99	21.90	20.90	30	PASS
				RB50#0	20.51	19.51	30	PASS
				RB50#25	20.49	19.49	30	PASS
RB50#50	20.52	19.52		30	PASS			
RB100#0	20.51	19.51		30	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
Band4	LTE/TM1	1.4	LCH	RB1#0	4.27	13	PASS
				RB1#3	4.19	13	PASS
				RB1#5	4.27	13	PASS
				RB3#0	4.59	13	PASS
				RB3#2	4.69	13	PASS
				RB3#3	4.55	13	PASS
			RB6#0	5.84	13	PASS	
			MCH	RB1#0	4.43	13	PASS
				RB1#3	4.63	13	PASS
				RB1#5	4.44	13	PASS
				RB3#0	4.94	13	PASS
				RB3#2	5.14	13	PASS
				RB3#3	5.02	13	PASS
			HCH	RB6#0	6.08	13	PASS
				RB1#0	4.51	13	PASS
				RB1#3	4.47	13	PASS
				RB1#5	4.47	13	PASS
				RB3#0	4.80	13	PASS
		RB3#2		4.90	13	PASS	
		3	LCH	RB3#3	4.72	13	PASS
				RB6#0	5.83	13	PASS
				RB1#0	4.36	13	PASS
				RB1#7	4.18	13	PASS
				RB1#14	4.45	13	PASS
				RB8#0	5.72	13	PASS
			MCH	RB8#4	5.57	13	PASS
				RB8#7	5.64	13	PASS
				RB15#0	5.79	13	PASS
RB1#0	4.76			13	PASS		
MCH	RB1#7	4.51	13	PASS			
	RB1#14	4.58	13	PASS			
	RB8#0	5.89	13	PASS			
	RB8#4	5.94	13	PASS			
MCH	RB8#7	5.88	13	PASS			
	RB15#0	5.84	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	HCH	RB1#0	4.38	13	PASS
				RB1#7	4.79	13	PASS
				RB1#14	4.38	13	PASS
				RB8#0	5.82	13	PASS
				RB8#4	5.93	13	PASS
				RB8#7	5.85	13	PASS
				RB15#0	6.00	13	PASS
			LCH	RB1#0	4.30	13	PASS
				RB1#13	4.32	13	PASS
				RB1#24	4.50	13	PASS
				RB12#0	5.49	13	PASS
				RB12#6	5.75	13	PASS
				RB12#13	5.77	13	PASS
				RB25#0	5.96	13	PASS
		MCH	RB1#0	4.49	13	PASS	
			RB1#13	4.65	13	PASS	
			RB1#24	4.76	13	PASS	
			RB12#0	5.92	13	PASS	
			RB12#6	5.85	13	PASS	
			RB12#13	6.03	13	PASS	
			RB25#0	6.20	13	PASS	
		HCH	RB1#0	4.63	13	PASS	
			RB1#13	4.54	13	PASS	
			RB1#24	4.64	13	PASS	
			RB12#0	5.79	13	PASS	
			RB12#6	5.85	13	PASS	
			RB12#13	5.82	13	PASS	
			RB25#0	6.15	13	PASS	
		10	LCH	RB1#0	4.34	13	PASS
				RB1#25	4.81	13	PASS
RB1#49	4.40			13	PASS		
RB25#0	5.75			13	PASS		
RB25#13	5.79			13	PASS		
RB25#25	5.83			13	PASS		
RB50#0	6.11			13	PASS		
MCH	RB1#0			4.37	13	PASS	
	RB1#25		4.73	13	PASS		
	RB1#49		4.77	13	PASS		
	RB25#0		5.93	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#13	5.97	13	PASS	
				RB25#25	6.13	13	PASS	
				RB50#0	6.37	13	PASS	
			HCH	RB1#0	4.64	13	PASS	
				RB1#25	4.66	13	PASS	
				RB1#49	4.53	13	PASS	
				RB25#0	6.03	13	PASS	
				RB25#13	5.94	13	PASS	
				RB25#25	5.91	13	PASS	
				RB50#0	6.20	13	PASS	
				LCH	RB1#0	4.46	13	PASS
					RB1#38	4.53	13	PASS
		RB1#74	4.48		13	PASS		
		RB38#0	5.81		13	PASS		
		RB38#19	5.81		13	PASS		
		RB38#39	5.73		13	PASS		
		RB75#0	6.27		13	PASS		
		MCH	RB1#0	4.64	13	PASS		
			RB1#38	4.71	13	PASS		
			RB1#74	5.00	13	PASS		
			RB38#0	5.95	13	PASS		
			RB38#19	6.02	13	PASS		
			RB38#39	6.16	13	PASS		
			RB75#0	6.56	13	PASS		
		HCH	RB1#0	4.87	13	PASS		
			RB1#38	4.58	13	PASS		
			RB1#74	4.59	13	PASS		
			RB38#0	6.18	13	PASS		
			RB38#19	6.13	13	PASS		
			RB38#39	6.00	13	PASS		
			RB75#0	6.38	13	PASS		
		20	LCH	RB1#0	4.53	13	PASS	
				RB1#50	4.60	13	PASS	
RB1#99	4.63			13	PASS			
RB50#0	5.92			13	PASS			
RB50#25	5.86			13	PASS			
RB50#50	5.89			13	PASS			
RB100#0	6.23			13	PASS			
MCH	RB1#0		4.53	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#50	4.91	13	PASS			
				RB1#99	4.95	13	PASS			
				RB50#0	5.91	13	PASS			
				RB50#25	6.16	13	PASS			
				RB50#50	6.25	13	PASS			
				RB100#0	6.45	13	PASS			
			HCH	RB1#0	4.90	13	PASS			
				RB1#50	4.88	13	PASS			
				RB1#99	4.59	13	PASS			
				RB50#0	6.26	13	PASS			
				RB50#25	6.13	13	PASS			
				RB50#50	6.03	13	PASS			
					1.4	LCH	RB1#0	5.27	13	PASS
							RB1#3	5.48	13	PASS
	RB1#5	5.33					13	PASS		
	RB3#0	5.41					13	PASS		
	RB3#2	5.63					13	PASS		
	RB3#3	5.52					13	PASS		
	MCH	RB6#0				6.76	13	PASS		
		RB1#0				5.35	13	PASS		
		RB1#3				5.80	13	PASS		
		RB1#5				5.40	13	PASS		
		RB3#0				6.09	13	PASS		
		RB3#2				6.14	13	PASS		
	HCH	RB3#3	6.07	13	PASS					
		RB6#0	6.94	13	PASS					
		RB1#0	5.50	13	PASS					
		RB1#3	5.43	13	PASS					
		RB1#5	5.00	13	PASS					
		RB3#0	5.93	13	PASS					
		3	LCH	RB3#2	6.10	13	PASS			
				RB3#3	5.97	13	PASS			
				RB6#0	6.59	13	PASS			
				RB1#0	4.96	13	PASS			
				RB1#7	5.62	13	PASS			
				RB1#14	4.97	13	PASS			
				RB8#0	6.45	13	PASS			
				RB8#4	6.49	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#7	6.55	13	PASS	
				RB15#0	6.84	13	PASS	
			MCH	RB1#0	5.21	13	PASS	
				RB1#7	6.17	13	PASS	
				RB1#14	5.62	13	PASS	
				RB8#0	6.64	13	PASS	
				RB8#4	6.71	13	PASS	
				RB8#7	6.81	13	PASS	
			RB15#0	6.83	13	PASS		
			HCH	RB1#0	5.37	13	PASS	
				RB1#7	5.62	13	PASS	
				RB1#14	5.56	13	PASS	
				RB8#0	6.85	13	PASS	
				RB8#4	6.78	13	PASS	
				RB8#7	6.81	13	PASS	
		RB15#0	6.71	13	PASS			
		5	LCH		RB1#0	5.19	13	PASS
					RB1#13	5.20	13	PASS
					RB1#24	5.33	13	PASS
					RB12#0	6.41	13	PASS
					RB12#6	6.61	13	PASS
					RB12#13	6.41	13	PASS
			RB25#0		6.95	13	PASS	
			MCH	RB1#0	5.30	13	PASS	
				RB1#13	5.36	13	PASS	
				RB1#24	5.49	13	PASS	
				RB12#0	6.74	13	PASS	
				RB12#6	6.90	13	PASS	
				RB12#13	6.94	13	PASS	
				RB25#0	7.18	13	PASS	
HCH	RB1#0		5.69	13	PASS			
	RB1#13	5.56	13	PASS				
	RB1#24	5.65	13	PASS				
	RB12#0	6.85	13	PASS				
	RB12#6	6.80	13	PASS				
	RB12#13	6.71	13	PASS				
	RB25#0	7.09	13	PASS				
10	LCH	RB1#0	5.23	13	PASS			
		RB1#25	5.86	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.40	13	PASS
				RB25#0	6.73	13	PASS
				RB25#13	6.79	13	PASS
				RB25#25	6.75	13	PASS
				RB50#0	7.01	13	PASS
			MCH	RB1#0	5.27	13	PASS
				RB1#25	5.64	13	PASS
				RB1#49	5.62	13	PASS
				RB25#0	6.96	13	PASS
				RB25#13	7.03	13	PASS
				RB25#25	7.15	13	PASS
			HCH	RB50#0	7.27	13	PASS
				RB1#0	5.43	13	PASS
				RB1#25	5.49	13	PASS
				RB1#49	5.25	13	PASS
				RB25#0	6.94	13	PASS
				RB25#13	6.93	13	PASS
			15	LCH	RB25#25	6.95	13
		RB50#0			7.16	13	PASS
		RB1#0			5.36	13	PASS
		RB1#38			5.31	13	PASS
		RB1#74			5.30	13	PASS
		RB38#0			6.85	13	PASS
		RB38#19			6.75	13	PASS
		MCH		RB38#39	6.68	13	PASS
				RB75#0	7.30	13	PASS
				RB1#0	5.30	13	PASS
				RB1#38	5.42	13	PASS
				RB1#74	5.67	13	PASS
				RB38#0	6.90	13	PASS
				RB38#19	6.99	13	PASS
		HCH		RB38#39	7.22	13	PASS
			RB75#0	7.42	13	PASS	
RB1#0	5.51		13	PASS			
RB1#38	5.54		13	PASS			
RB1#74	5.52		13	PASS			
RB38#0	7.09		13	PASS			
				RB38#19	6.97	13	PASS
				RB38#39	6.93	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	7.51	13	PASS
		20	LCH	RB1#0	5.26	13	PASS
				RB1#50	5.28	13	PASS
				RB1#99	5.37	13	PASS
				RB50#0	6.97	13	PASS
				RB50#25	6.82	13	PASS
				RB50#50	6.88	13	PASS
				RB100#0	7.16	13	PASS
			MCH	RB1#0	5.19	13	PASS
				RB1#50	5.75	13	PASS
				RB1#99	5.70	13	PASS
				RB50#0	6.82	13	PASS
				RB50#25	7.05	13	PASS
				RB50#50	7.18	13	PASS
				RB100#0	7.38	13	PASS
			HCH	RB1#0	5.71	13	PASS
				RB1#50	5.78	13	PASS
				RB1#99	5.42	13	PASS
				RB50#0	7.33	13	PASS
				RB50#25	7.22	13	PASS
				RB50#50	7.15	13	PASS
				RB100#0	7.66	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

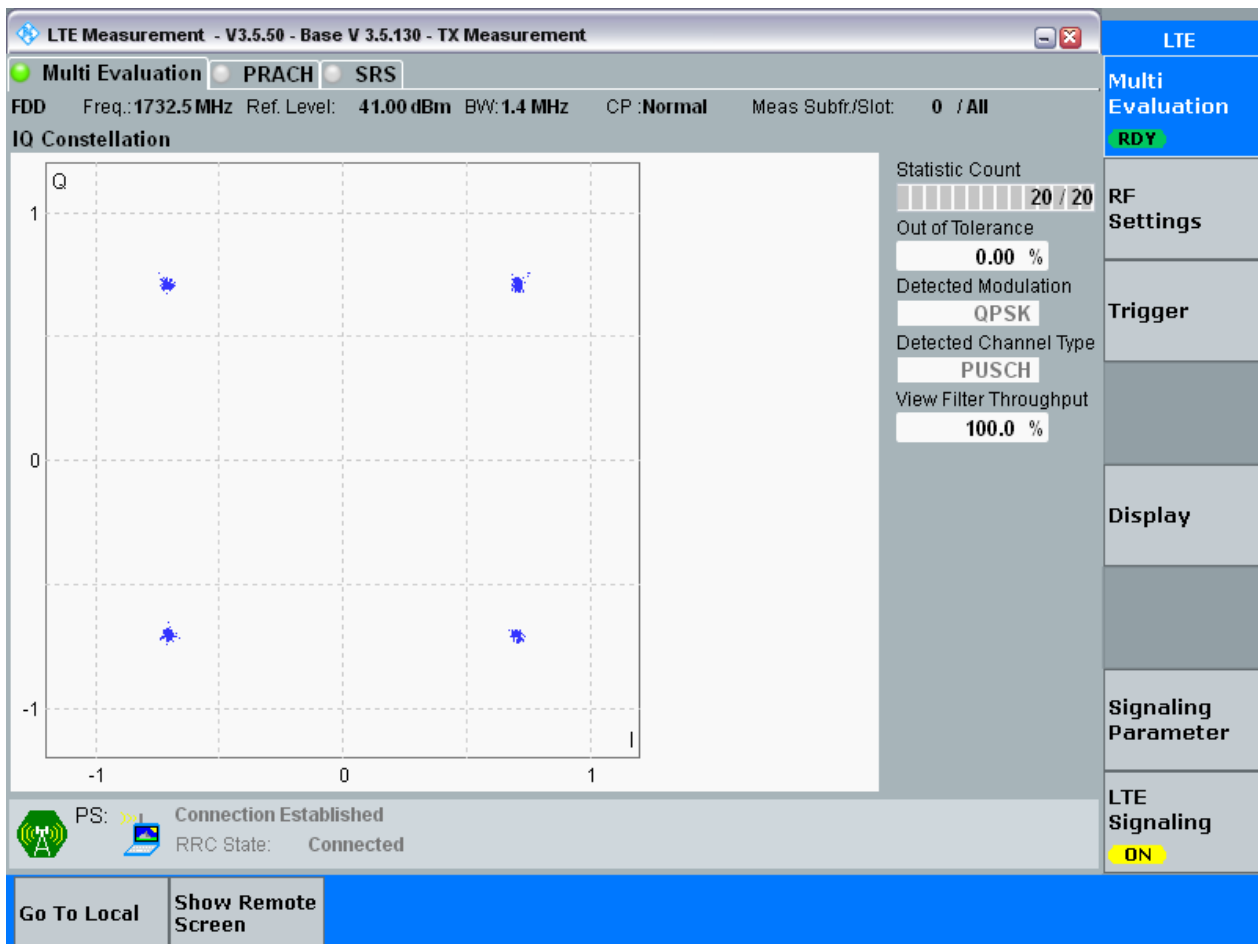
3.1.1 Test Band = Band4

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

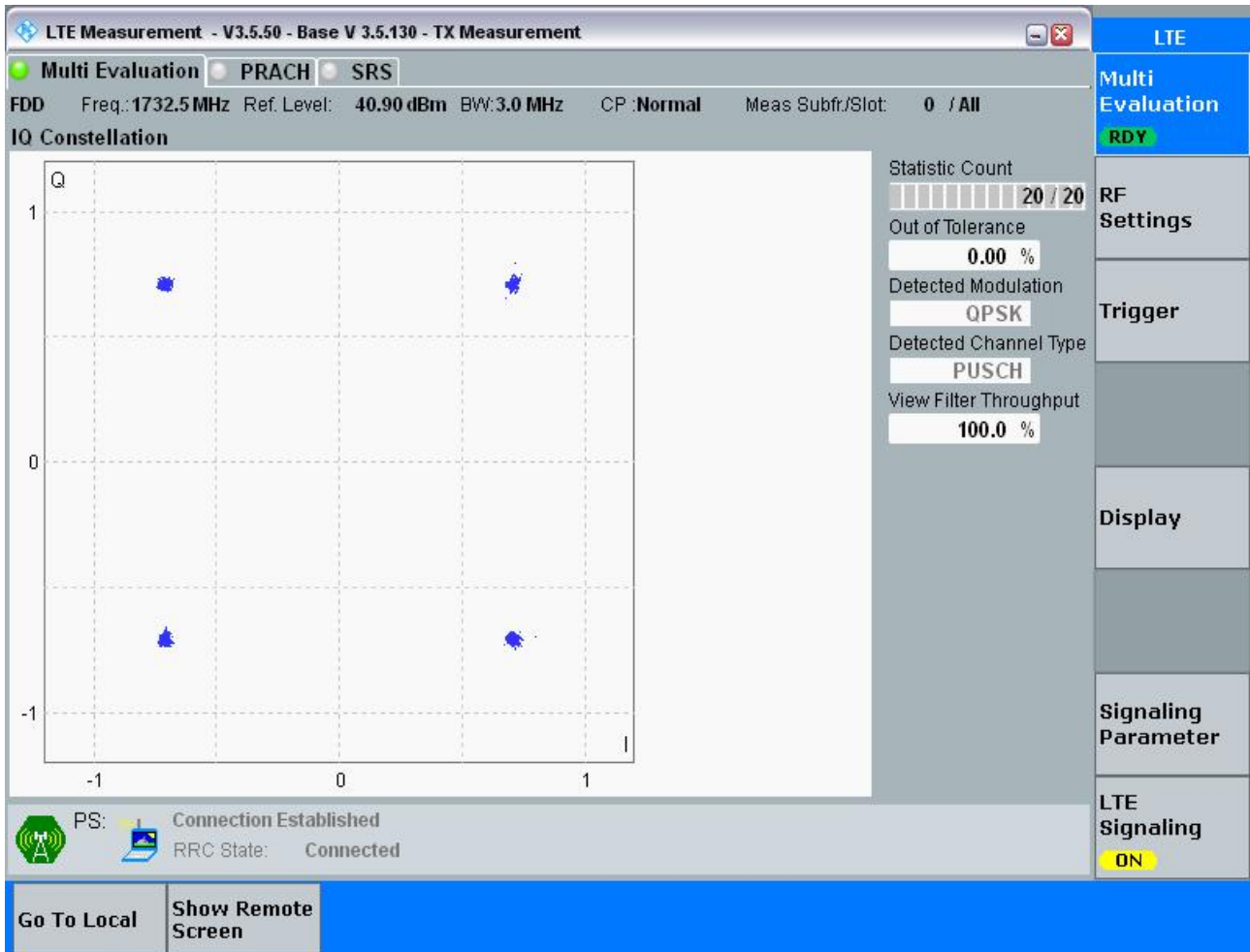
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

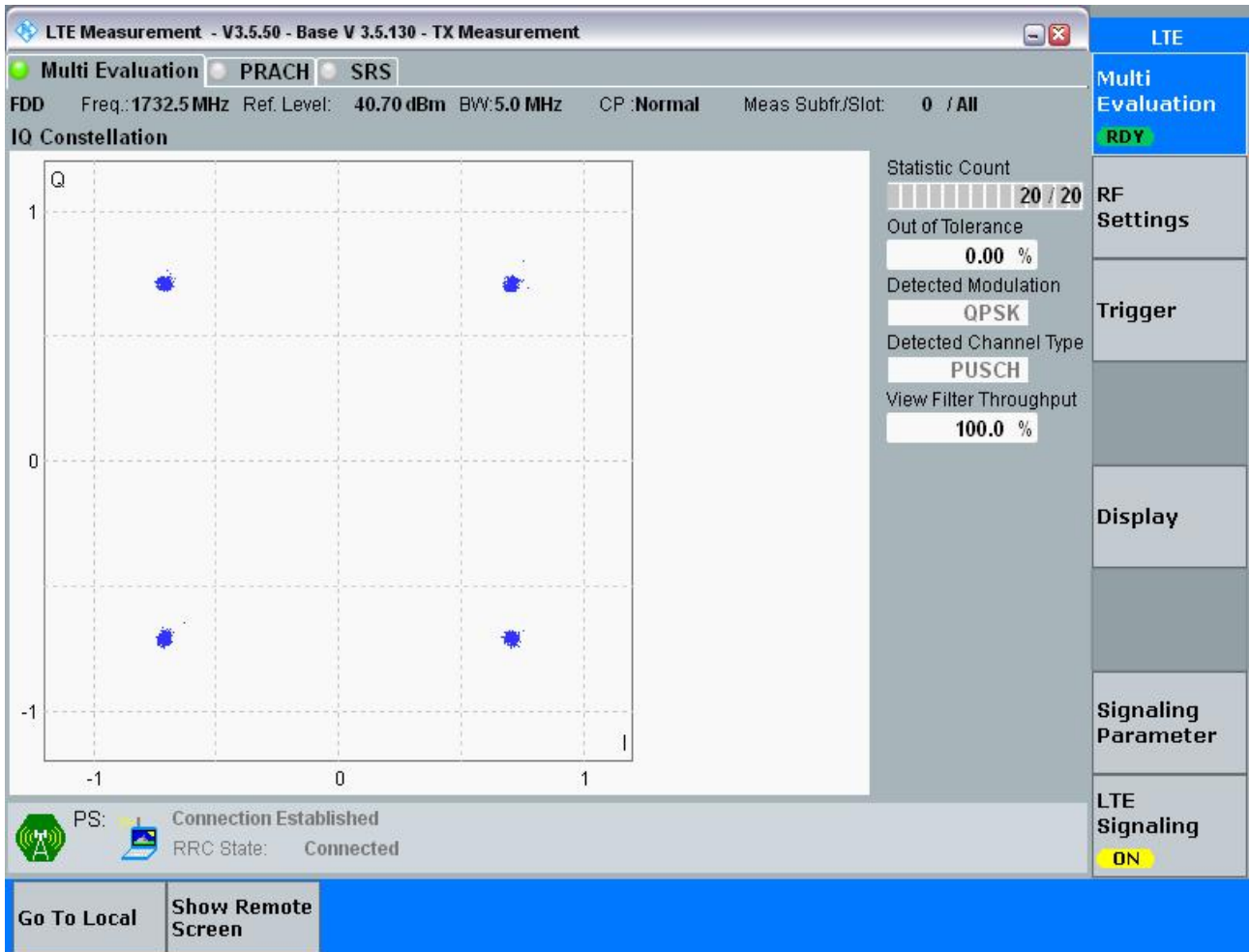
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

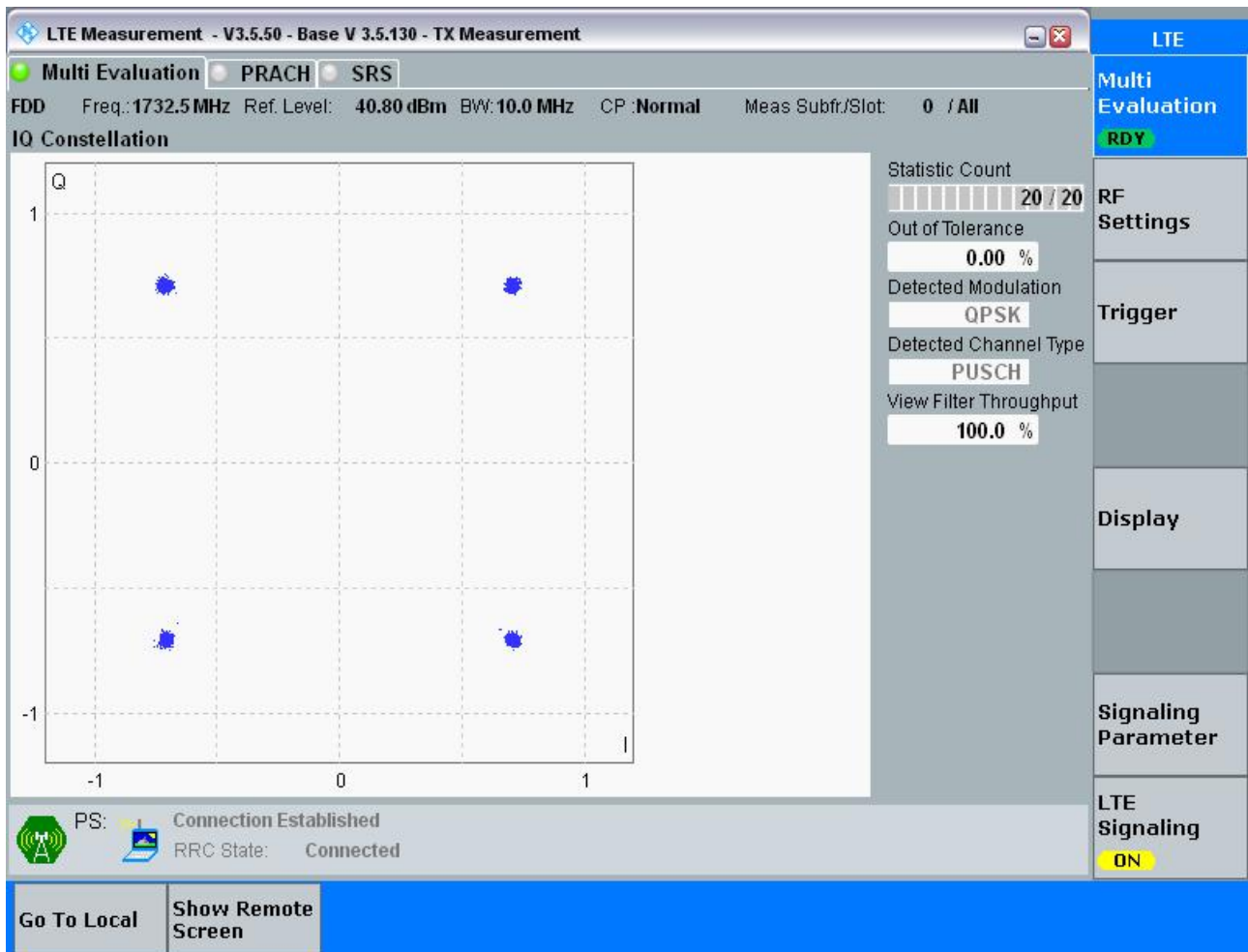
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

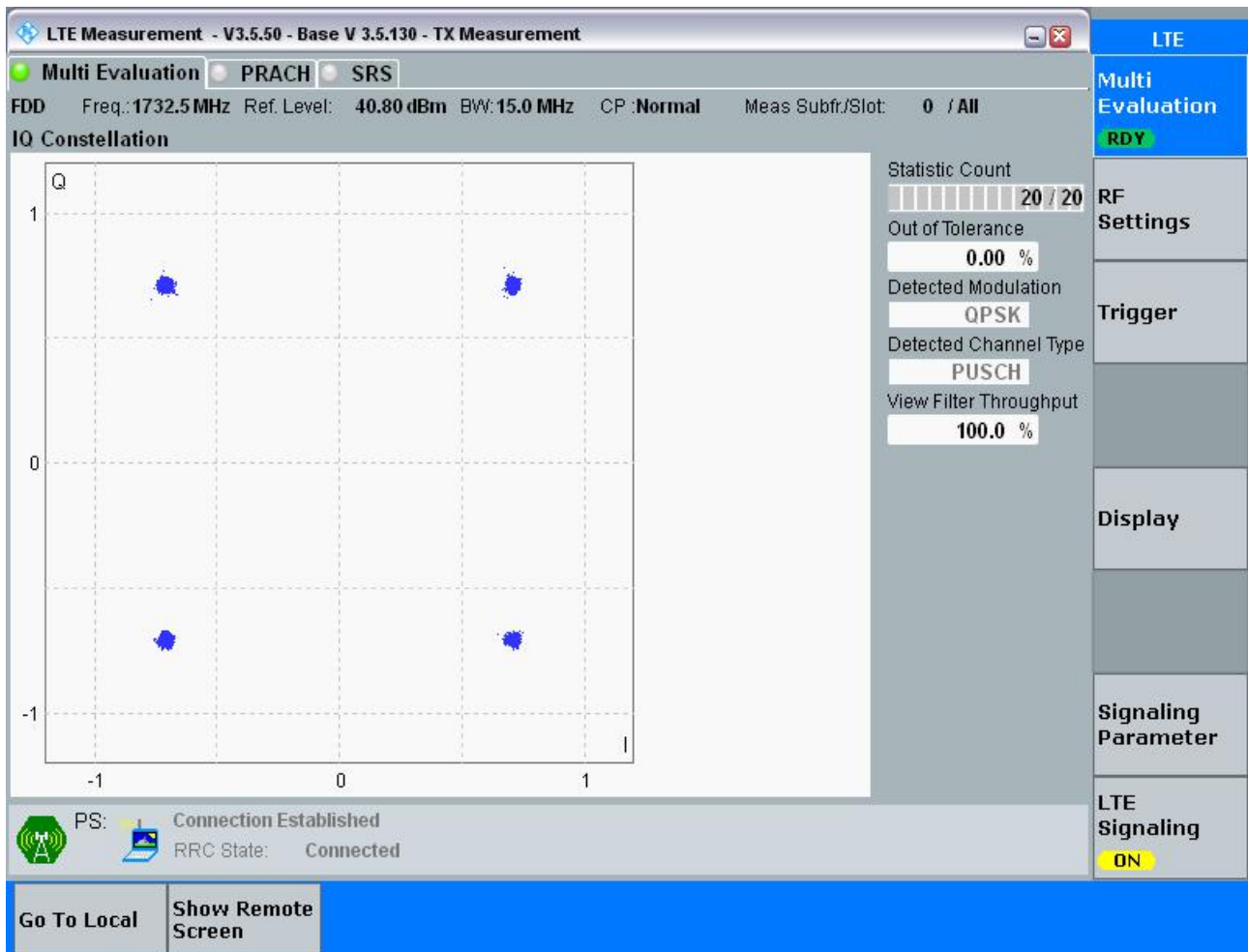
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

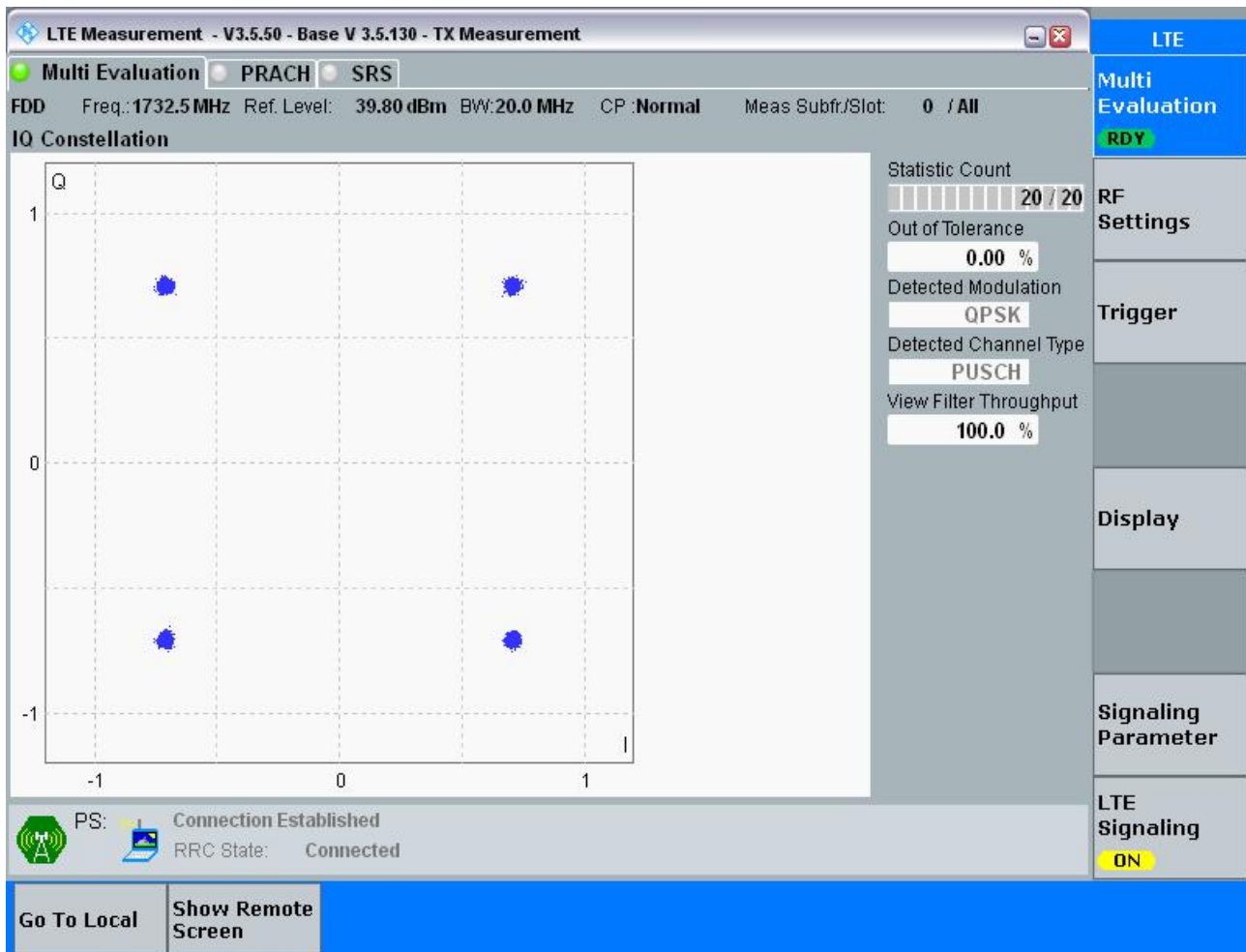
3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0

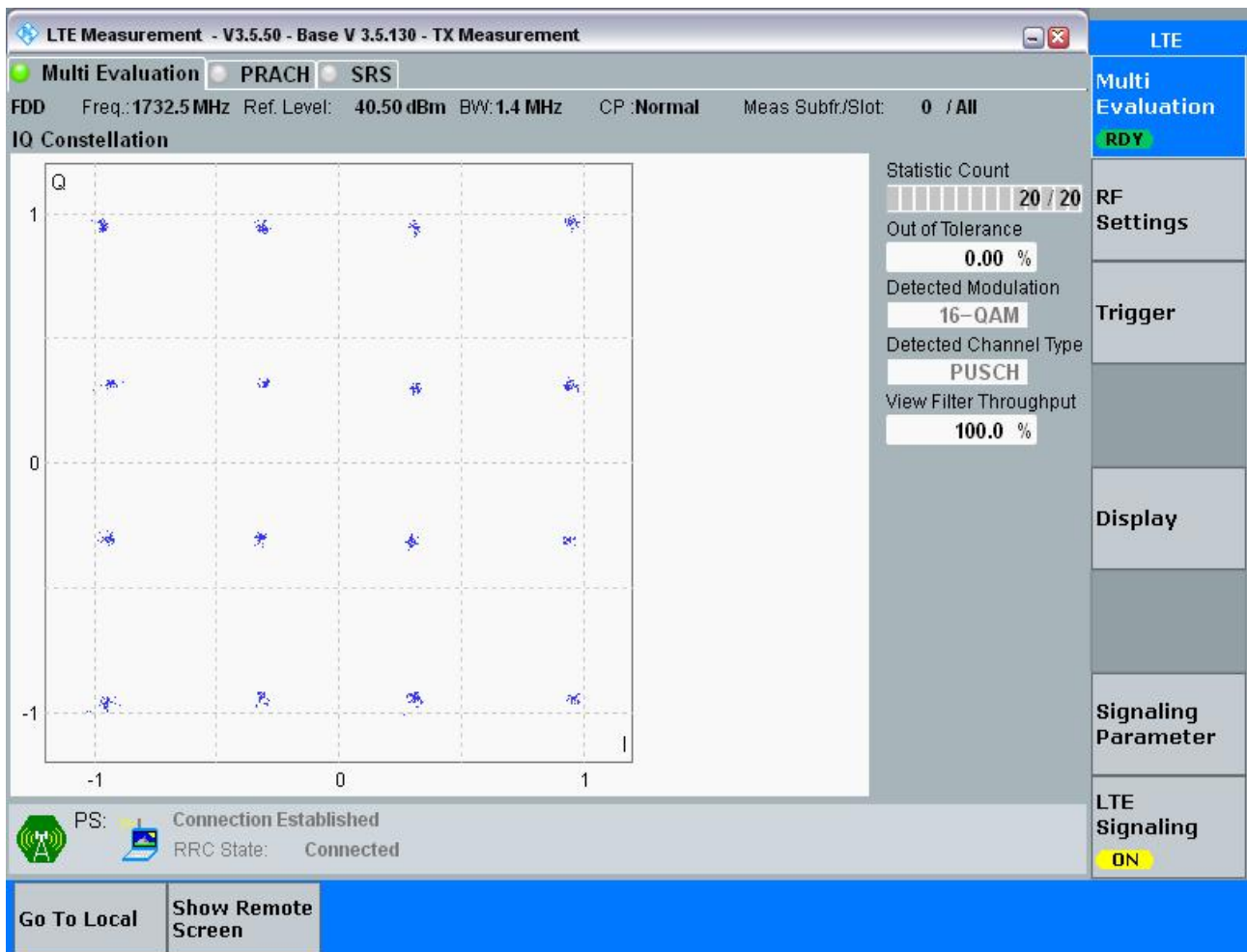


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

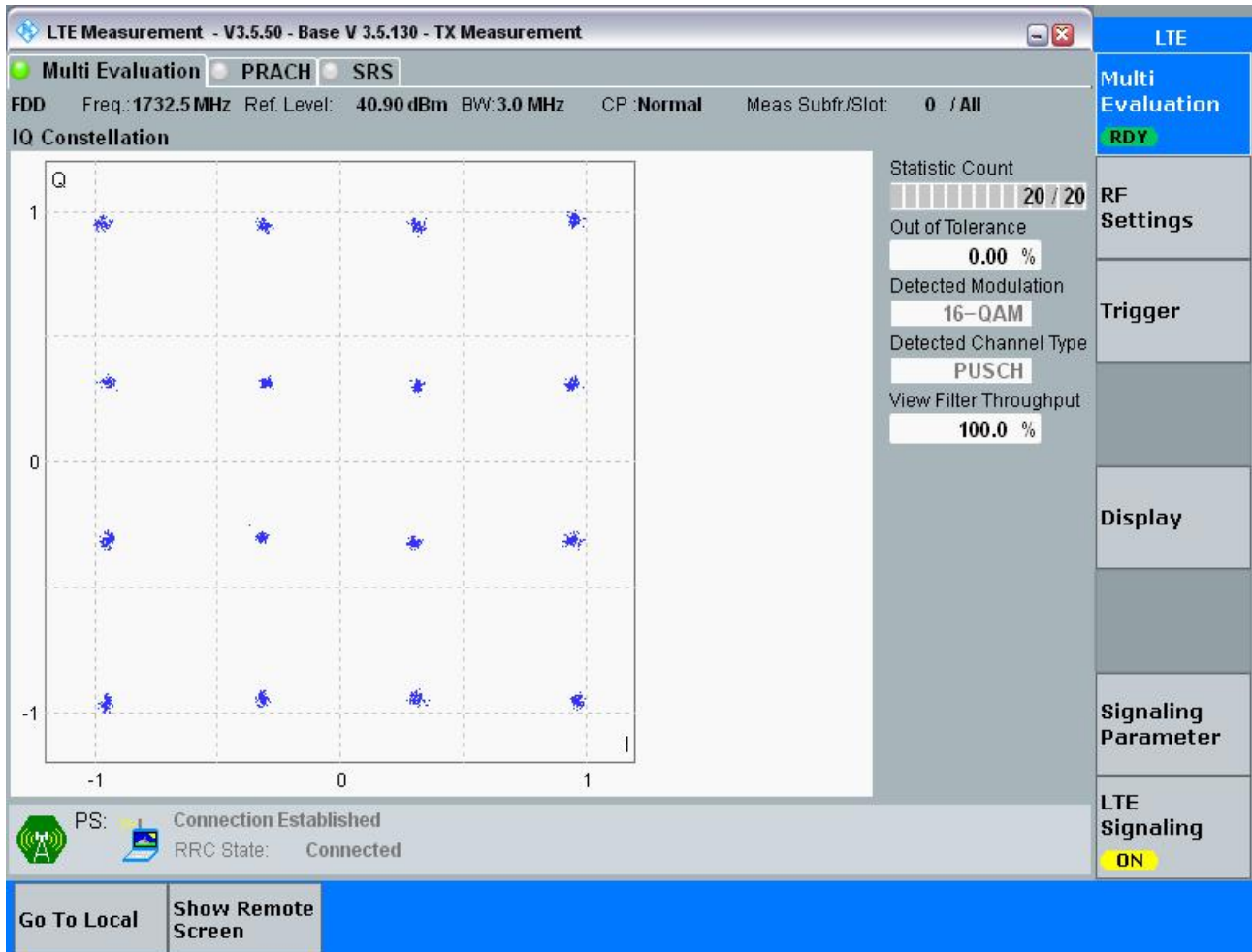
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

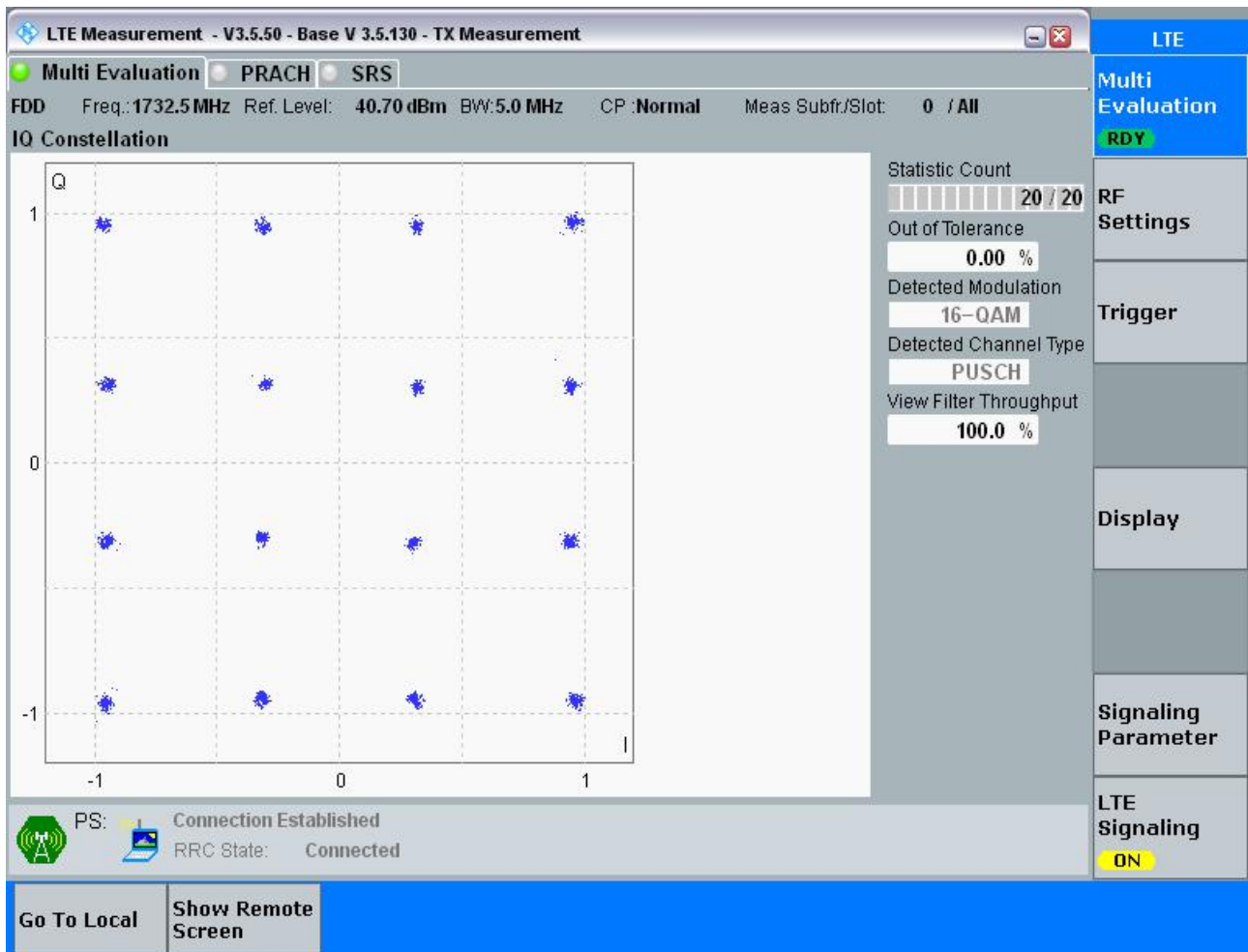
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

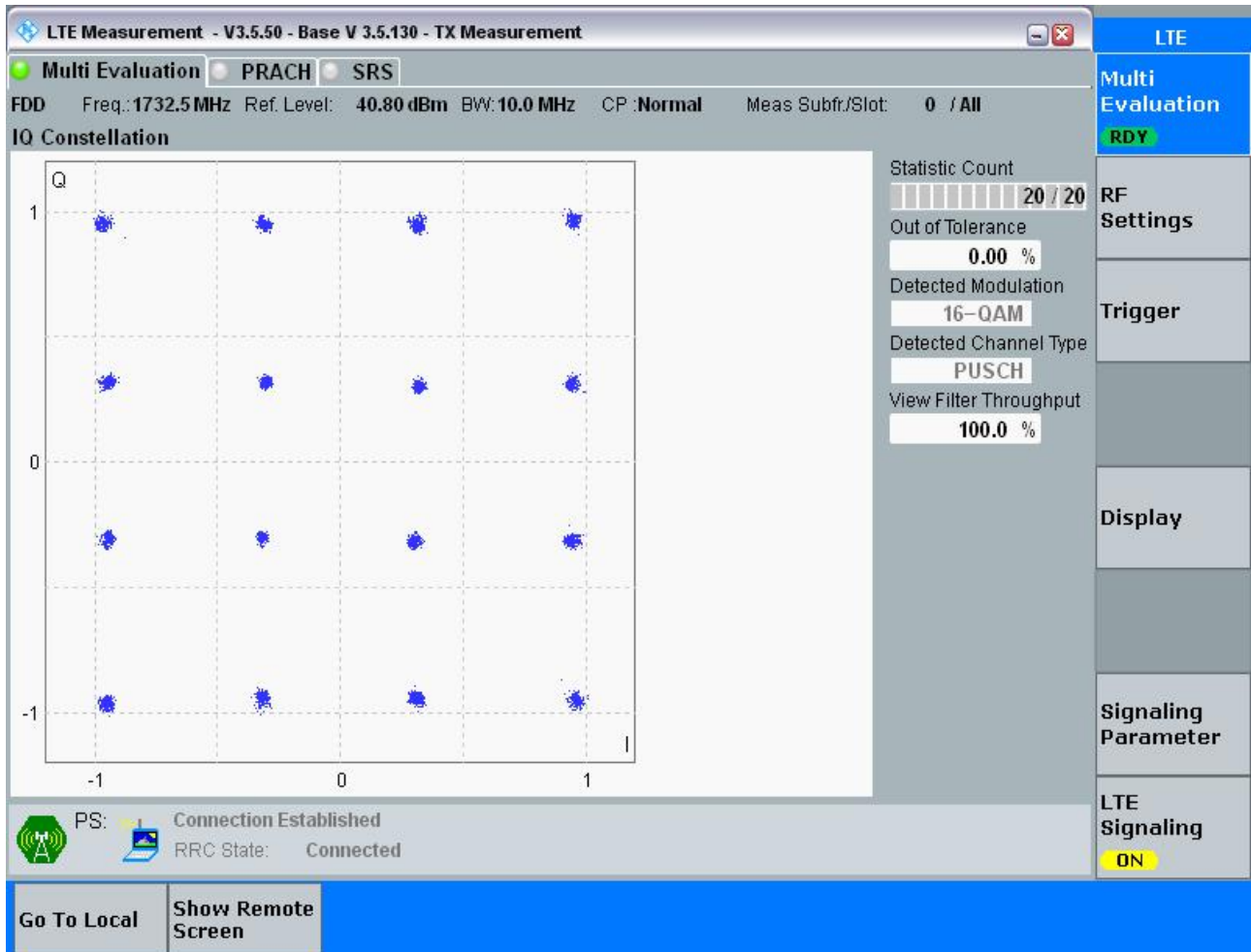
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

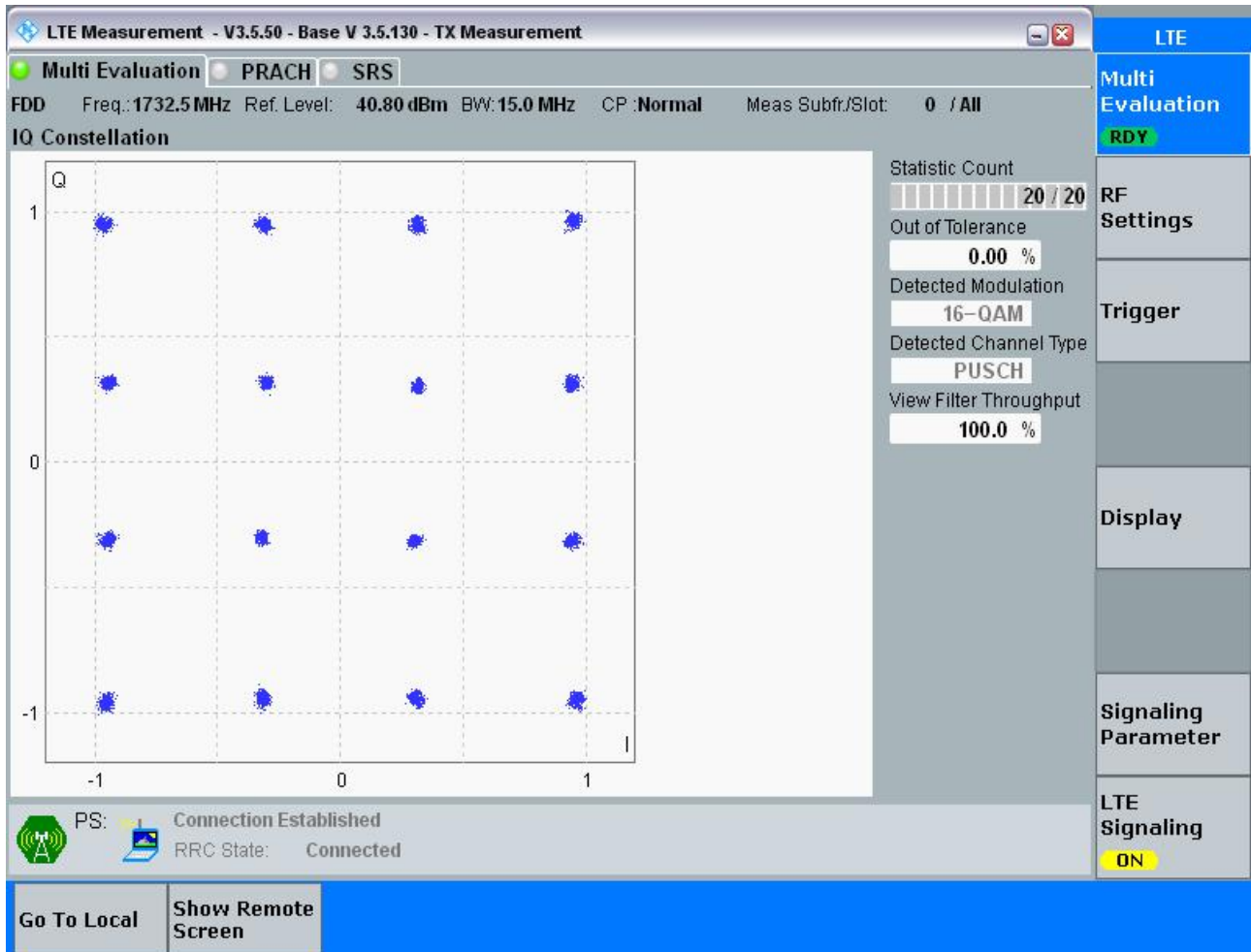
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

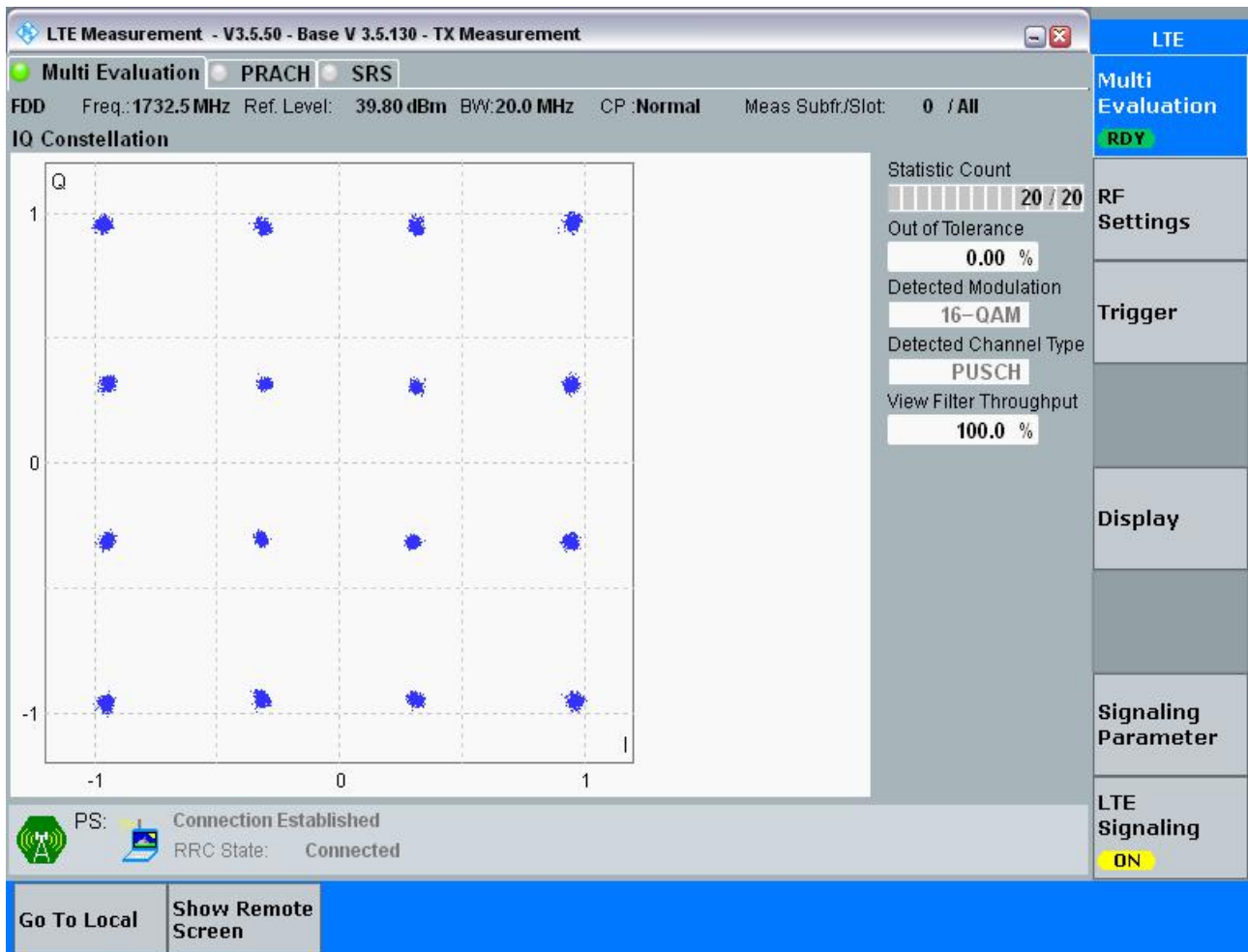
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.70	2.97	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.52	4.95	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.52	4.94	Pass
		10	LCH	RB50#0	8.98	9.81	Pass
			MCH	RB50#0	9.00	9.84	Pass
			HCH	RB50#0	8.99	9.84	Pass
		15	LCH	RB75#0	13.48	14.91	Pass
			MCH	RB75#0	13.54	14.96	Pass
			HCH	RB75#0	13.50	14.89	Pass
		20	LCH	RB100#0	17.95	19.68	Pass
			MCH	RB100#0	18.04	19.72	Pass
			HCH	RB100#0	18.02	19.64	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.23	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.51	4.95	Pass
			HCH	RB25#0	4.51	4.98	Pass
10		LCH	RB50#0	9.03	9.87	Pass	
		MCH	RB50#0	9.01	9.87	Pass	
		HCH	RB50#0	9.02	9.89	Pass	
15		LCH	RB75#0	13.48	14.74	Pass	
		MCH	RB75#0	13.50	15.03	Pass	
		HCH	RB75#0	13.50	14.78	Pass	
20		LCH	RB100#0	17.94	19.71	Pass	
		MCH	RB100#0	18.03	19.79	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	18.01	19.71	Pass

Part II - Test Plots

4.1 For LTE

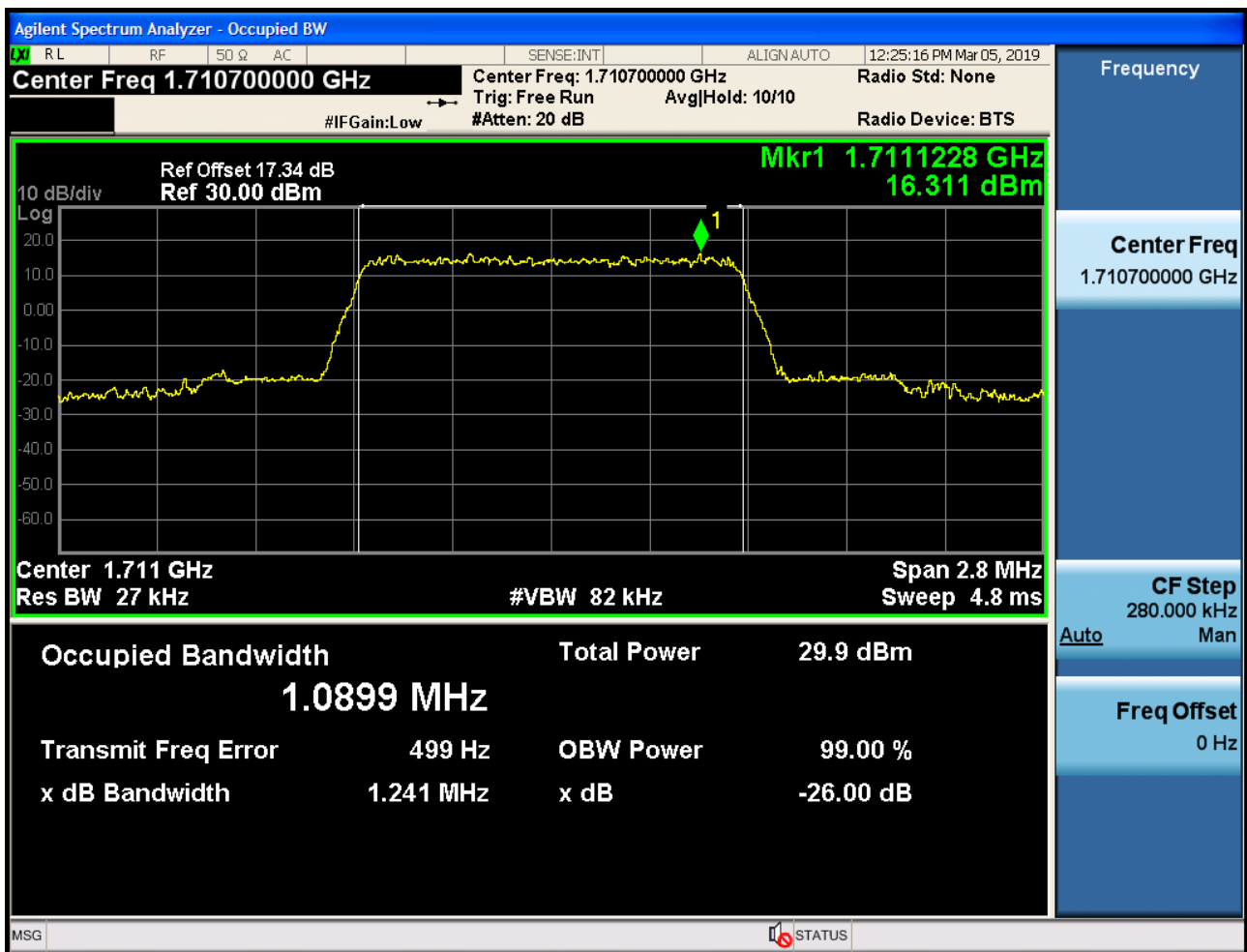
4.1.1 Test Band = Band4

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

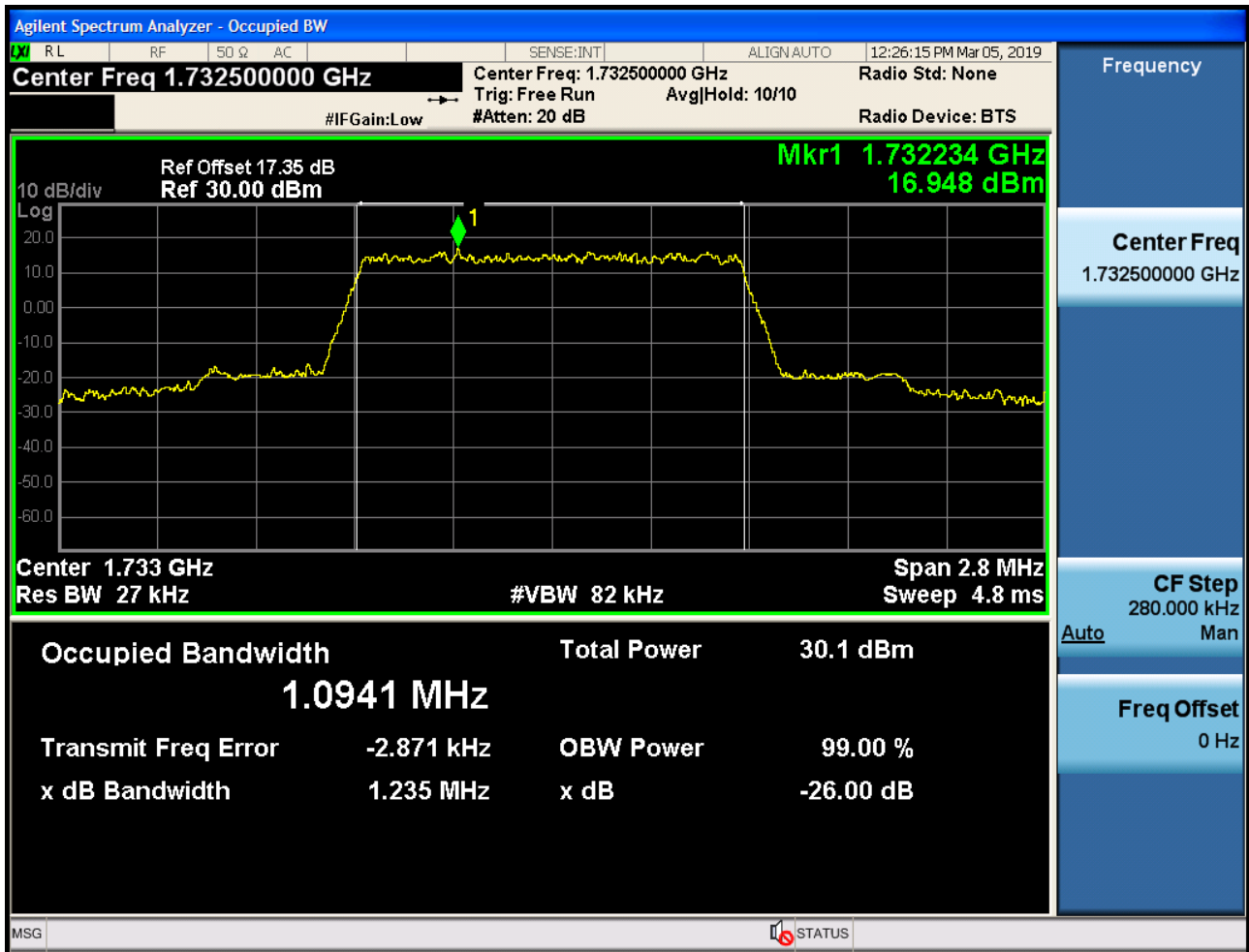
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1 Test RB = RB6#0



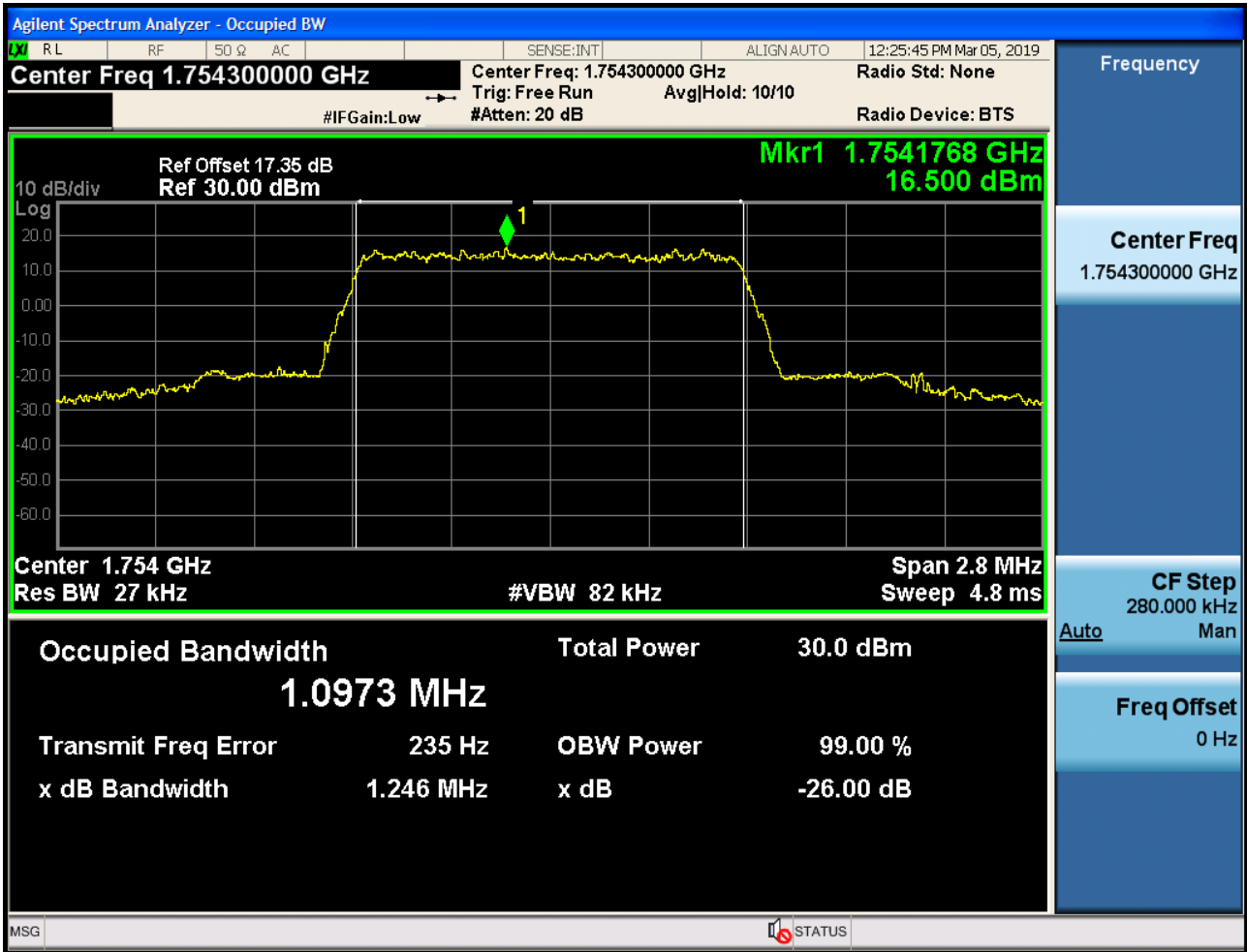
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

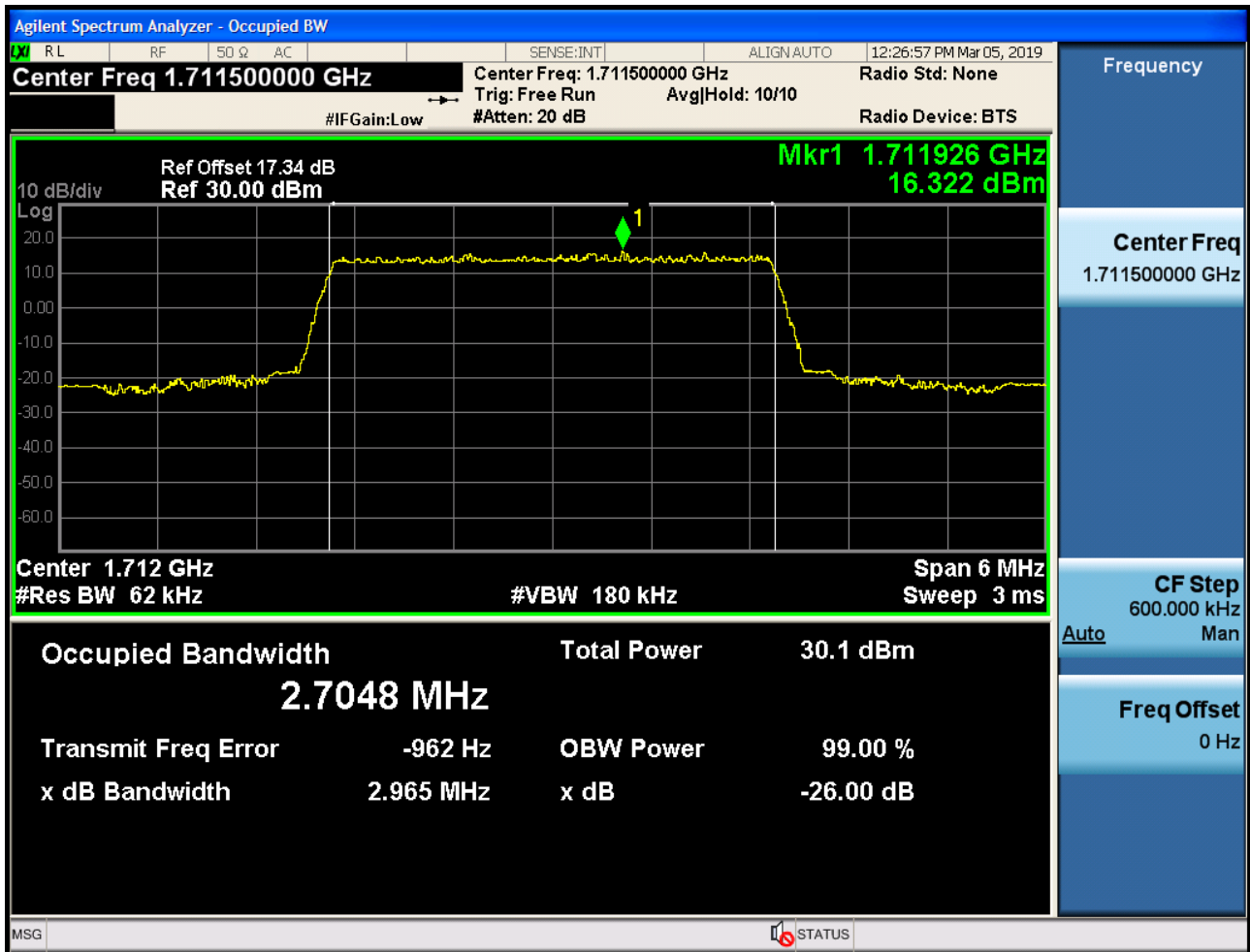
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

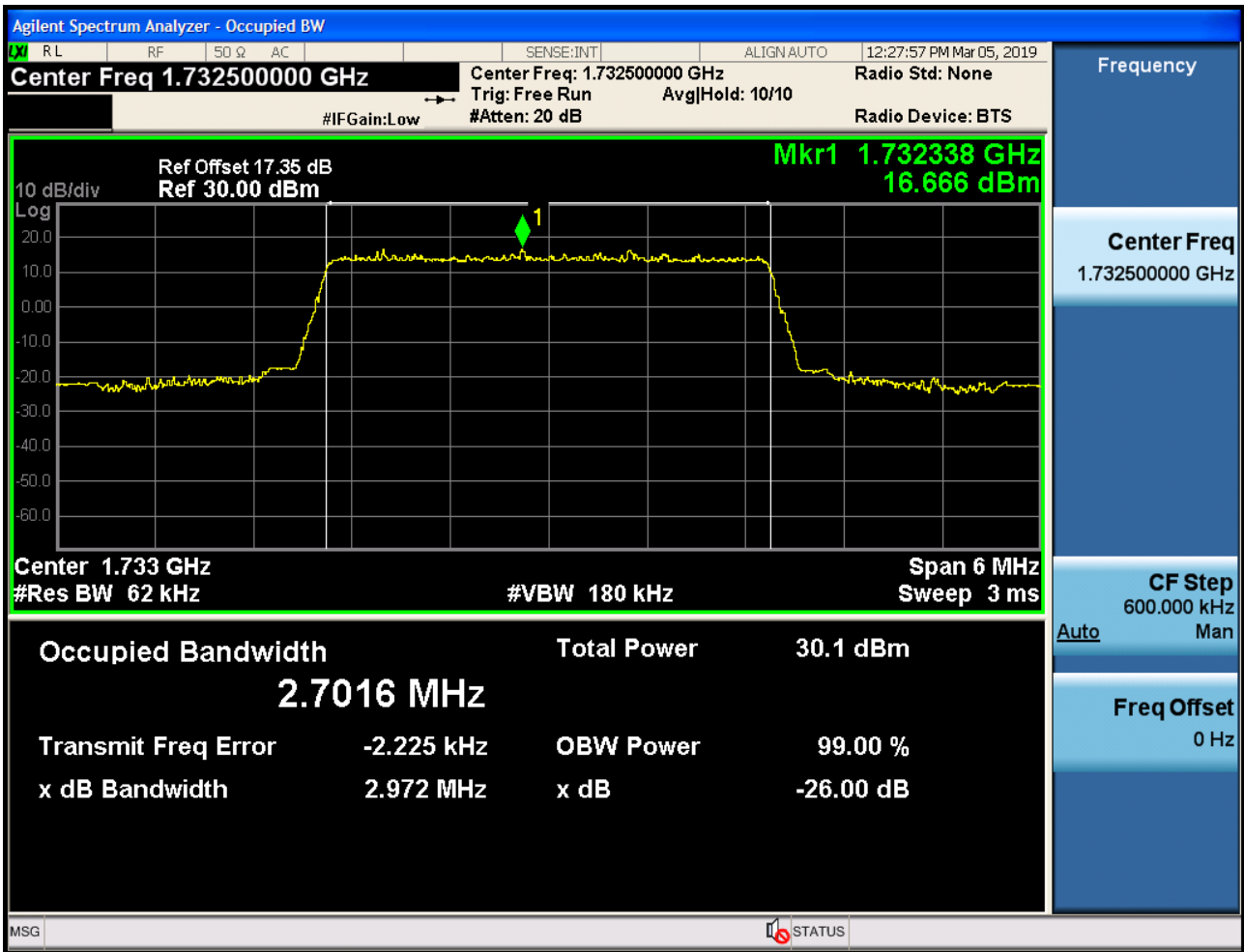
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



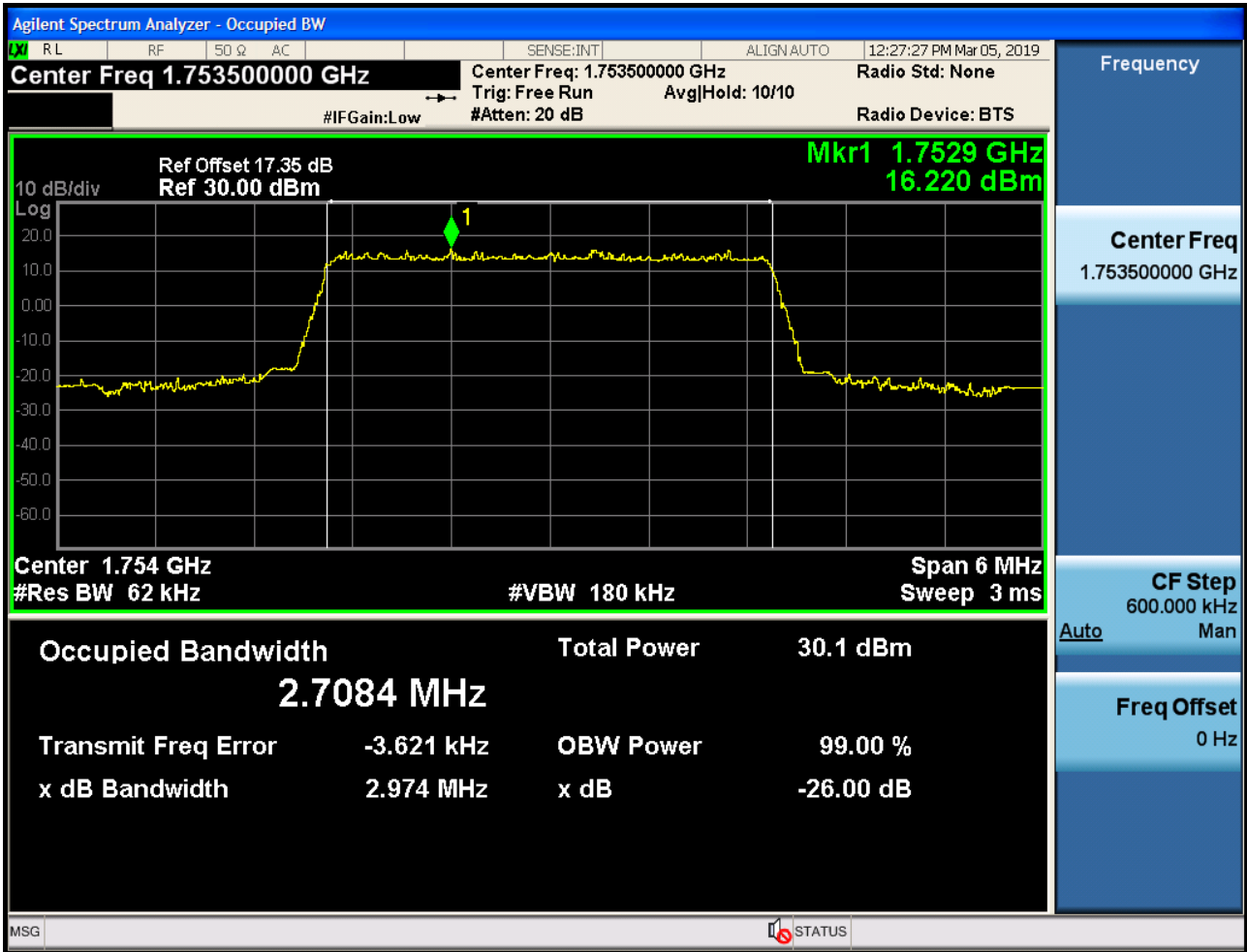
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

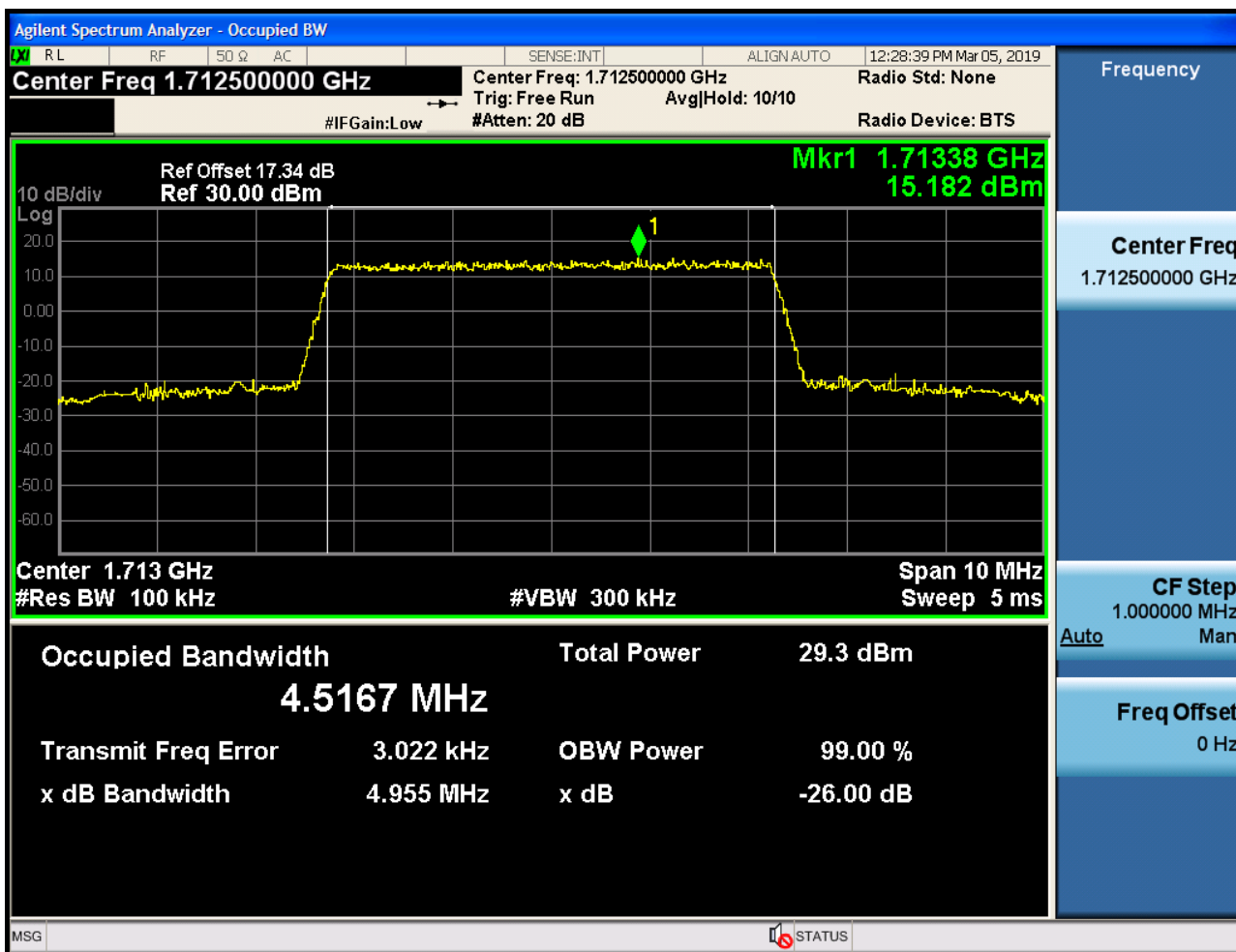
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

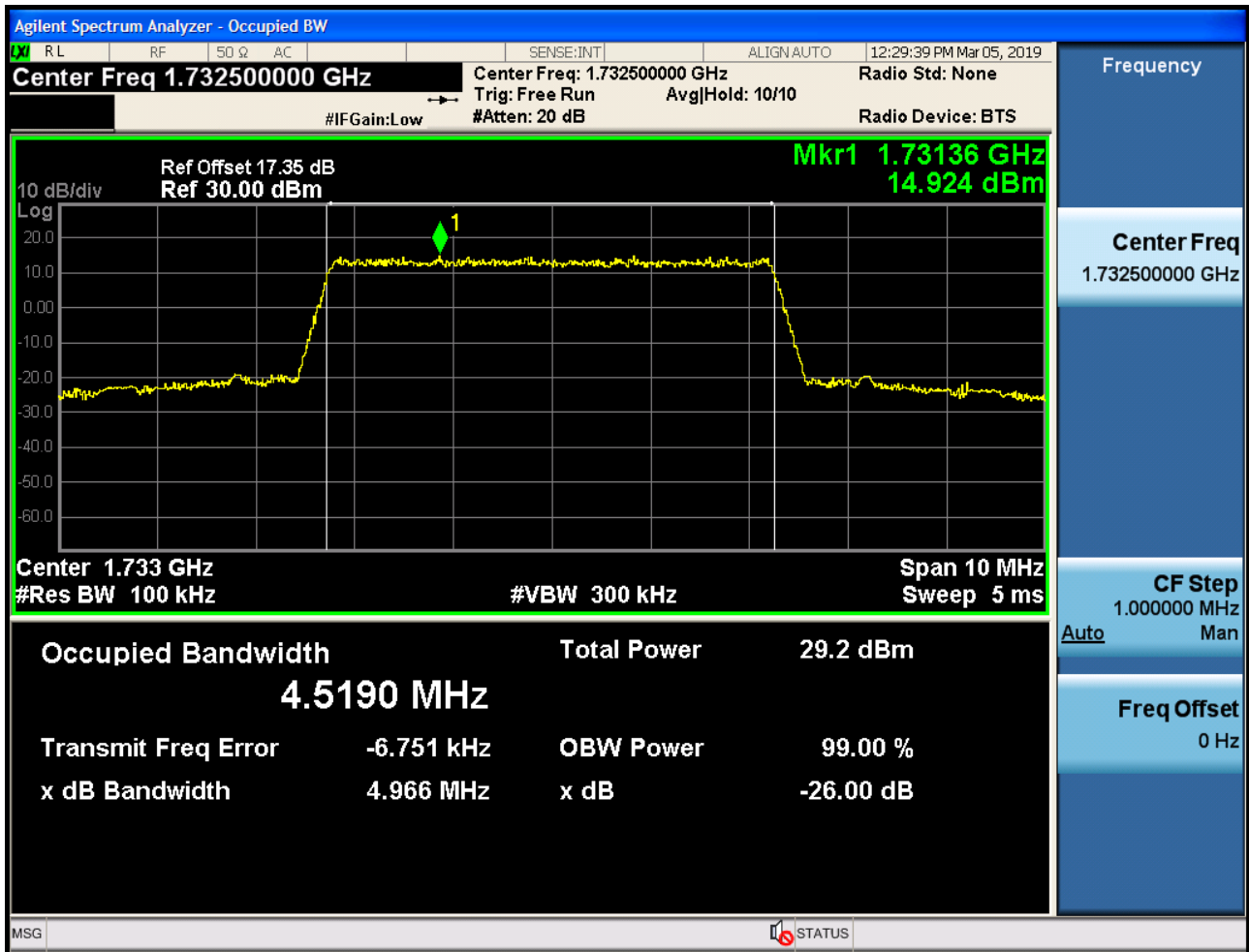
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



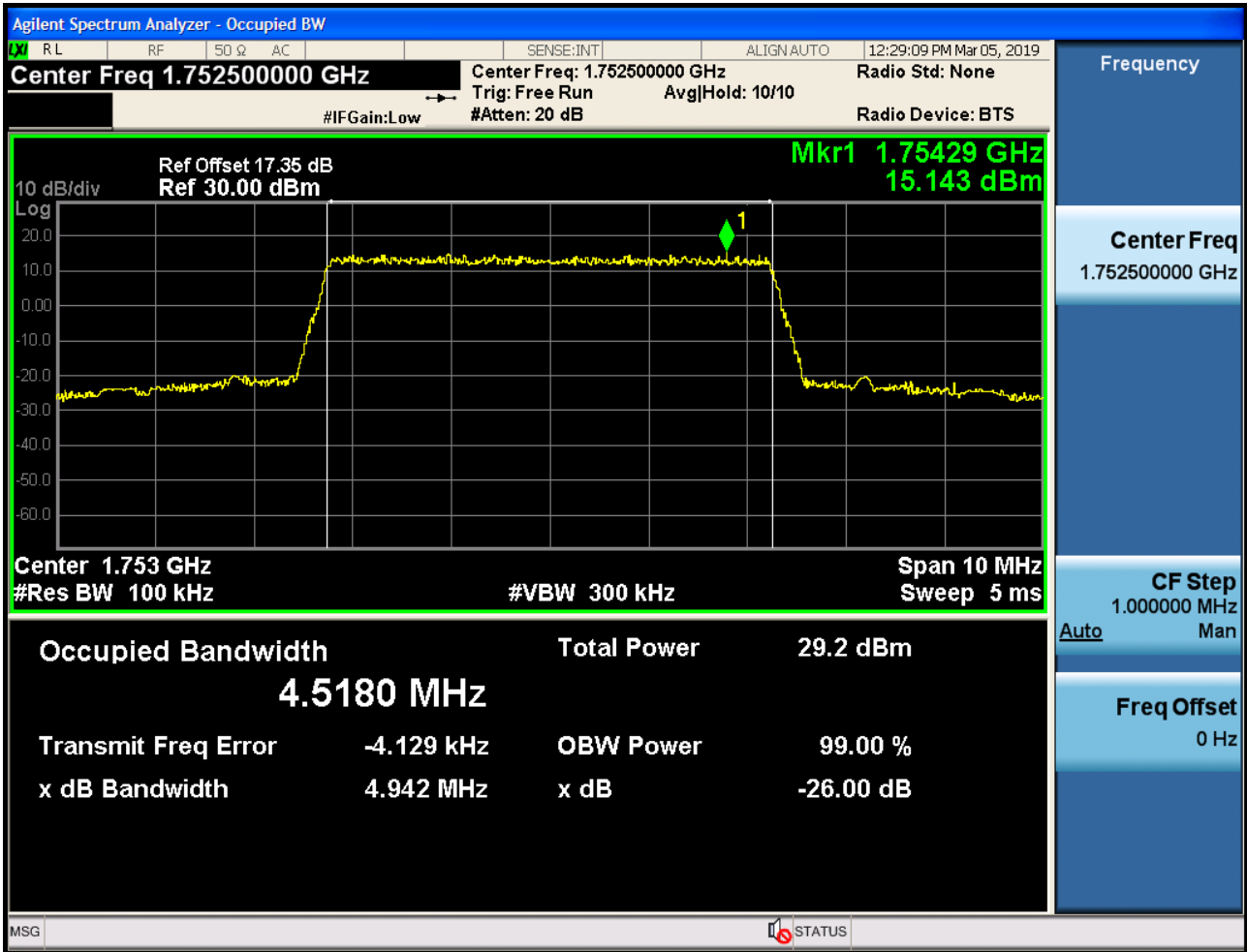
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

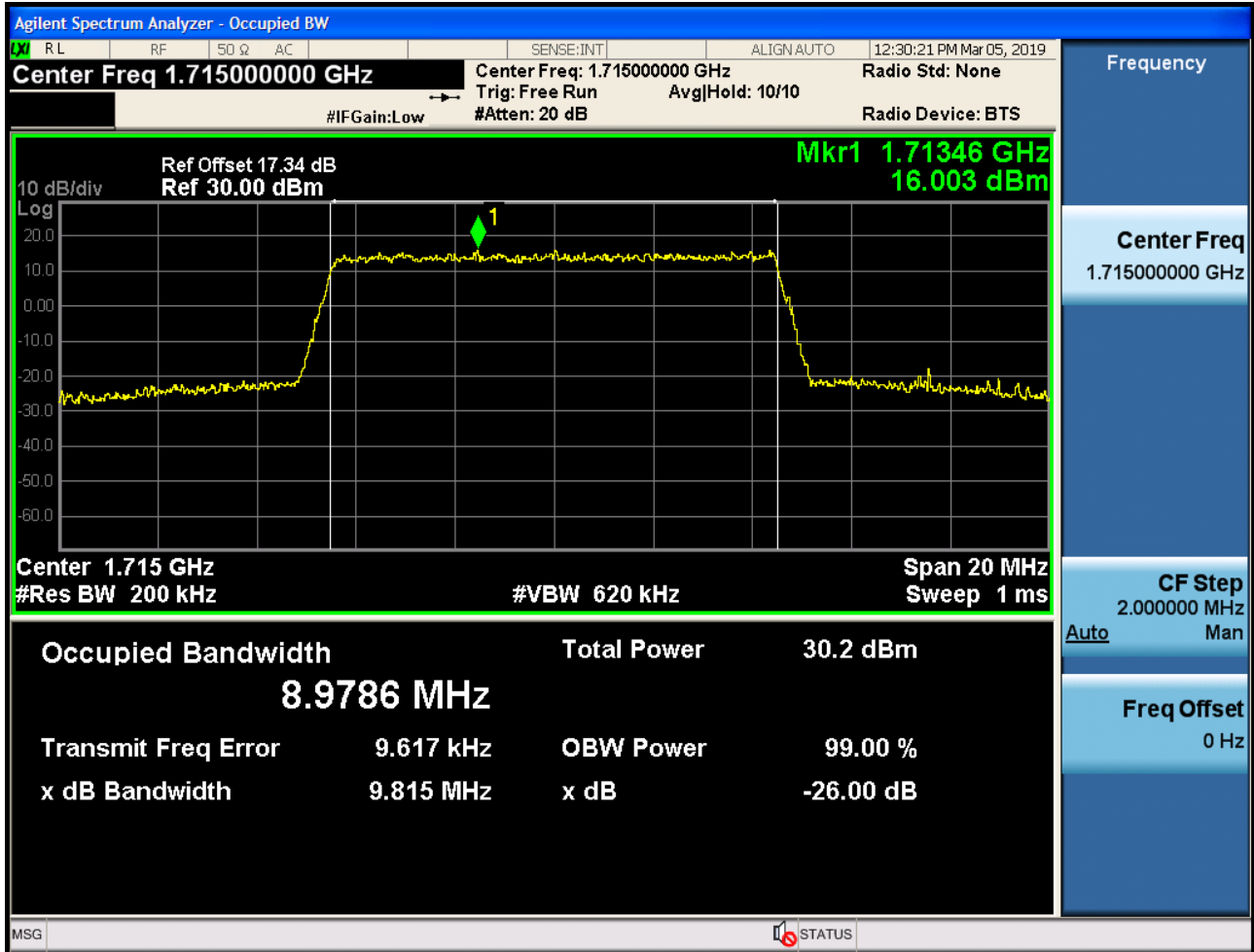
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

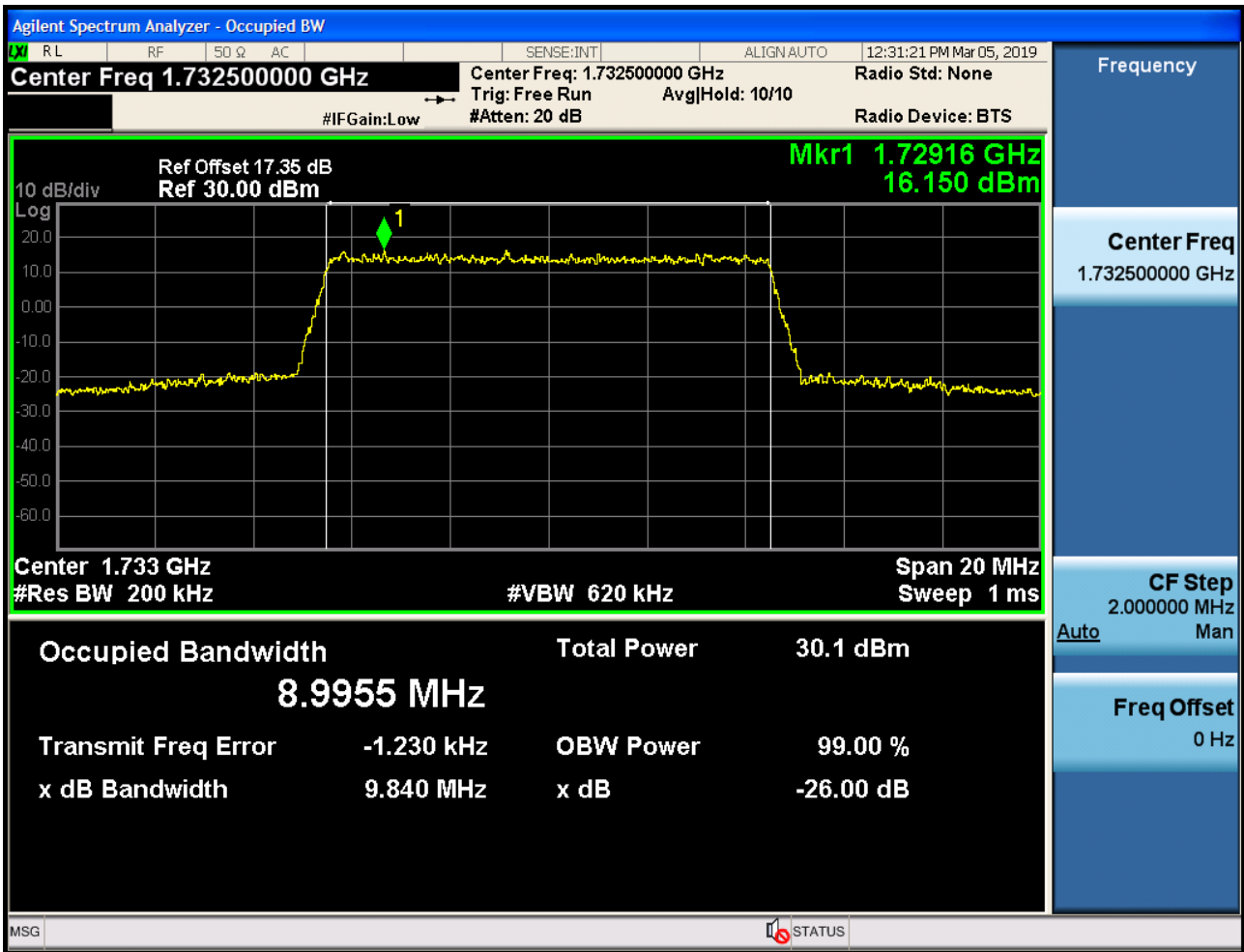
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



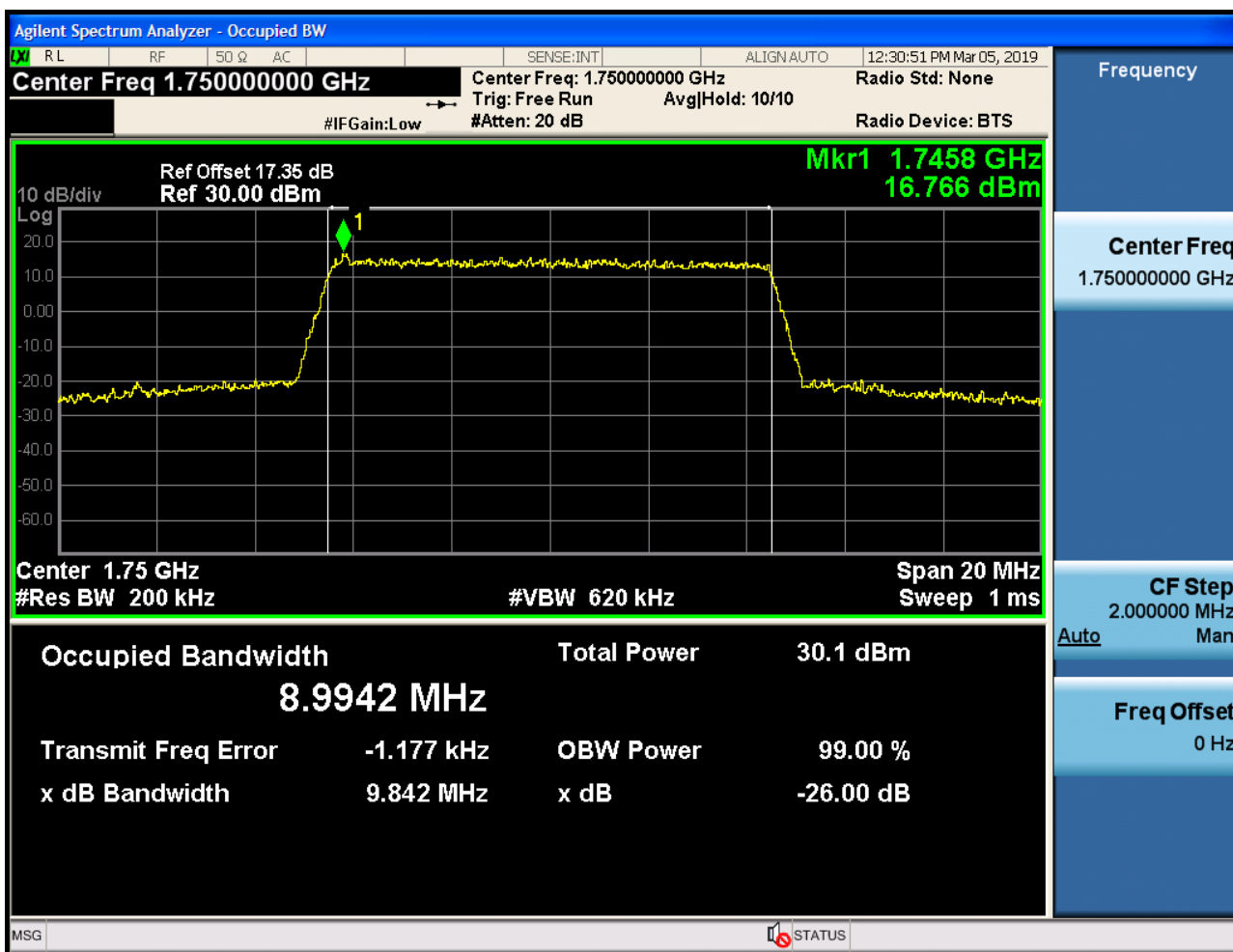
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

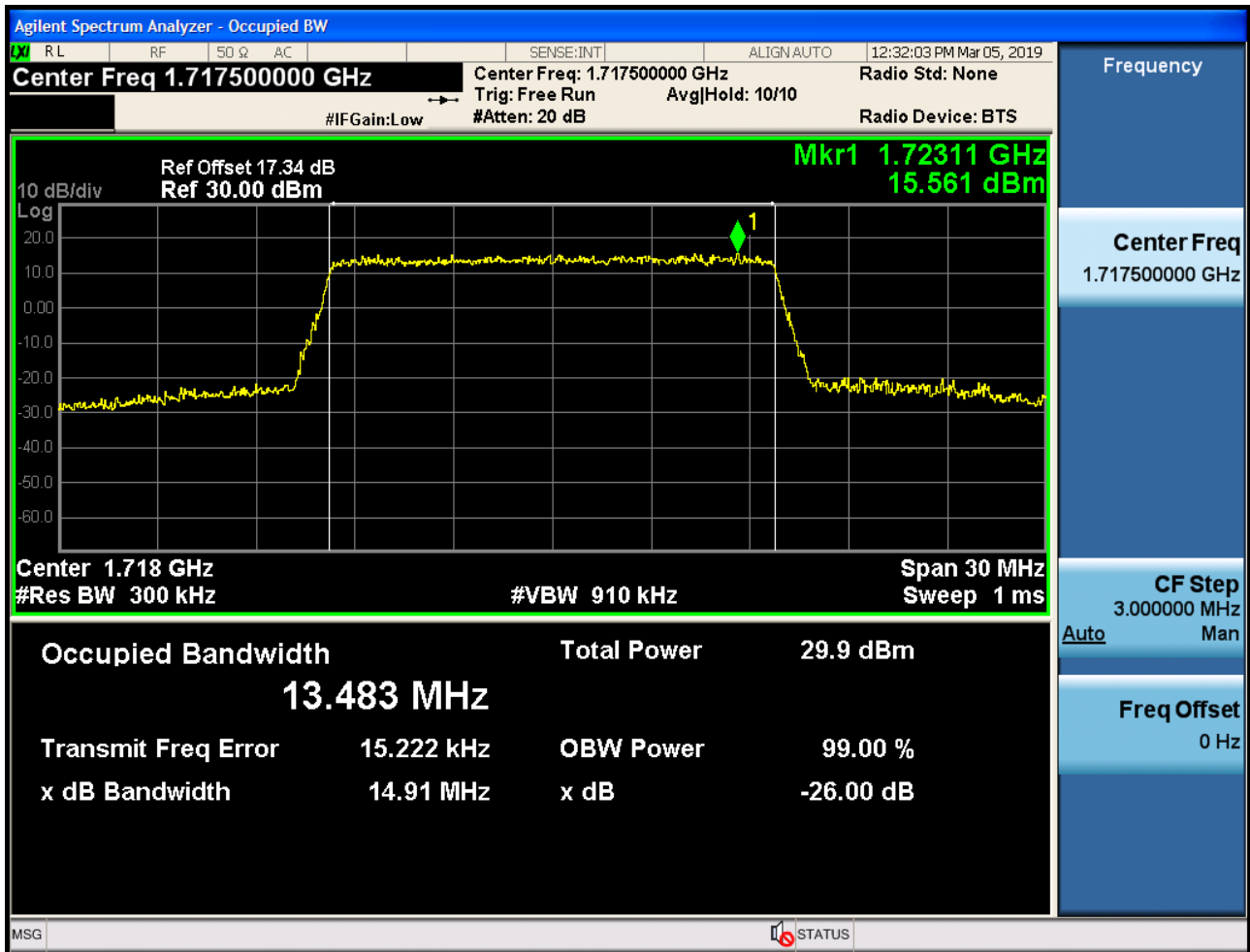
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

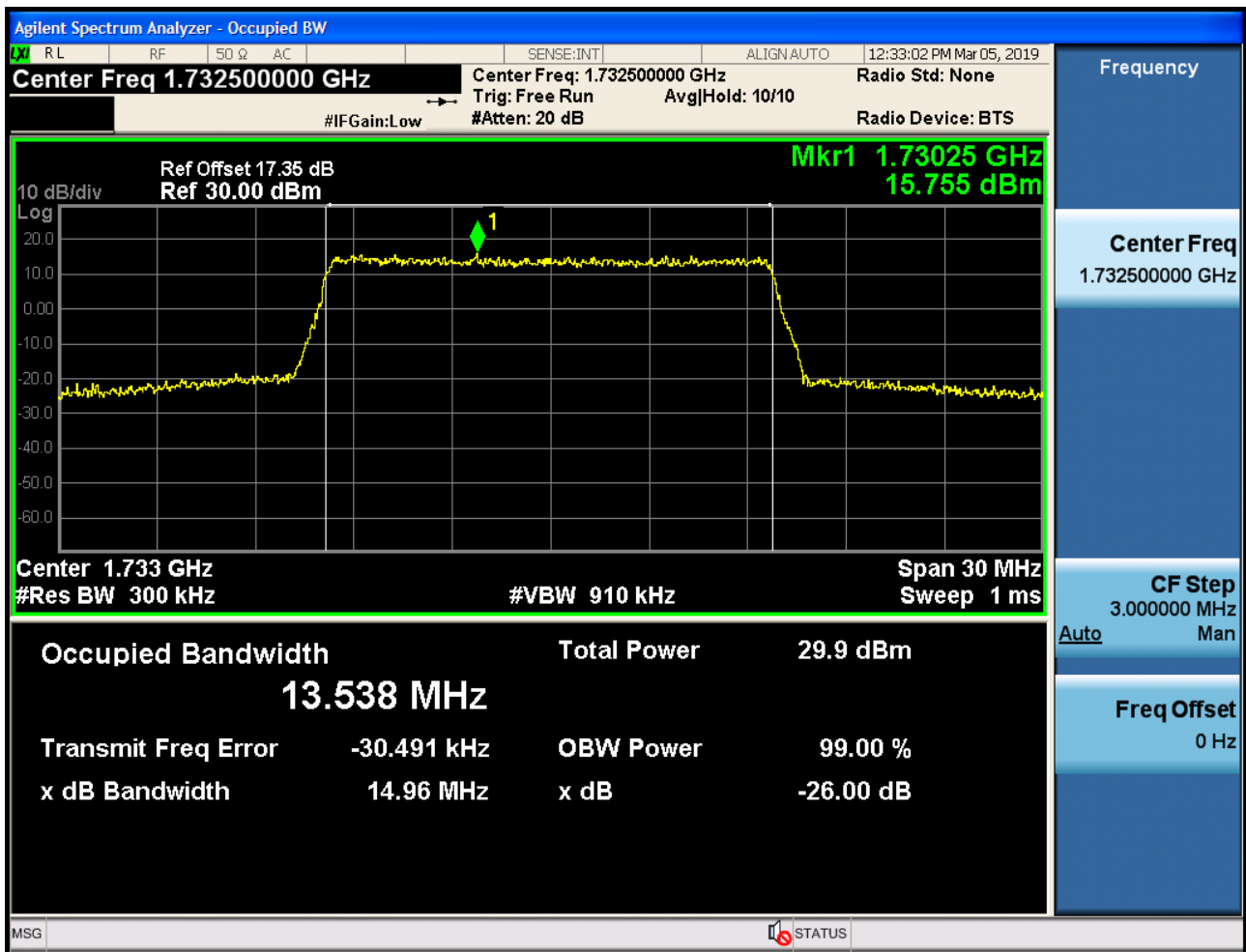
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



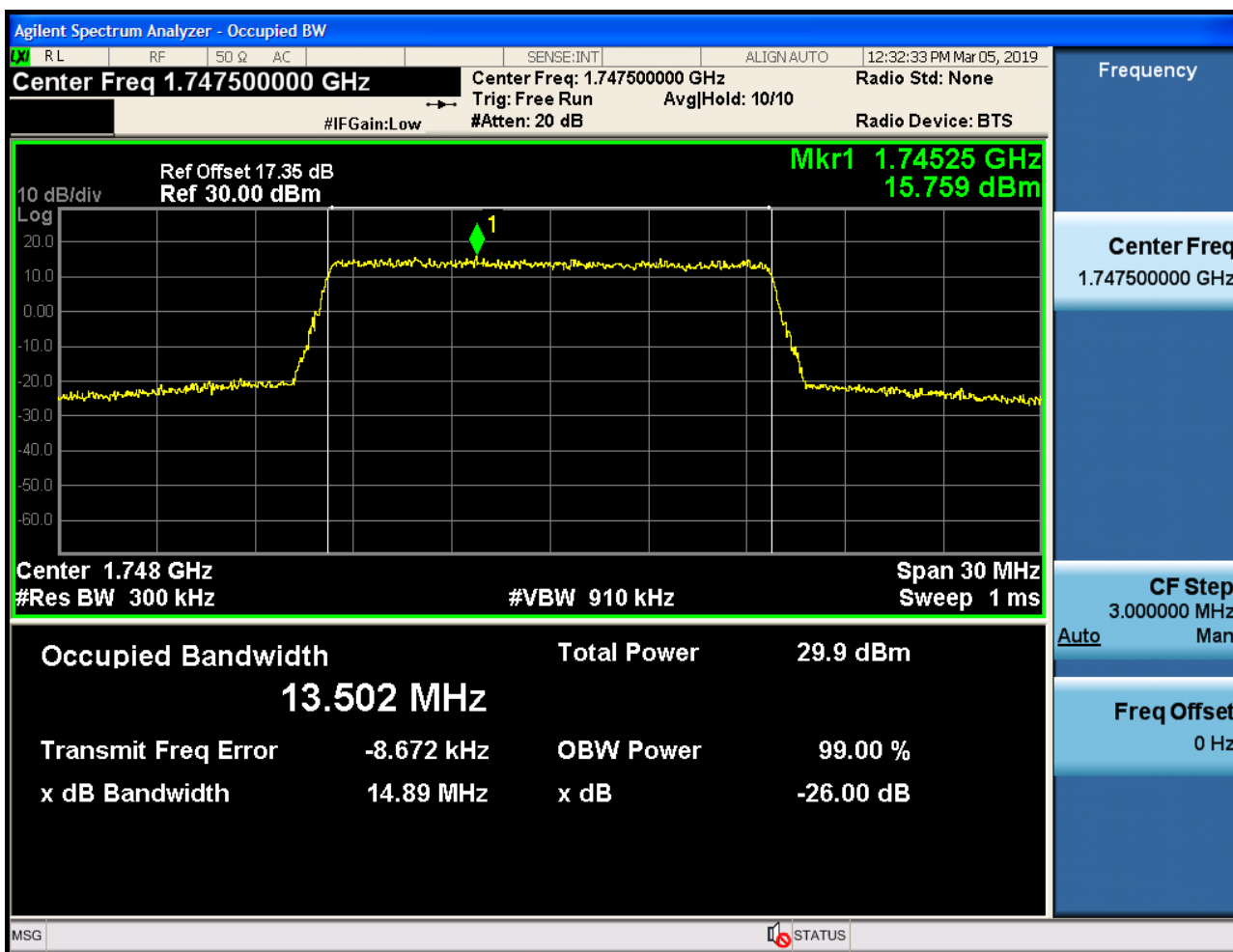
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

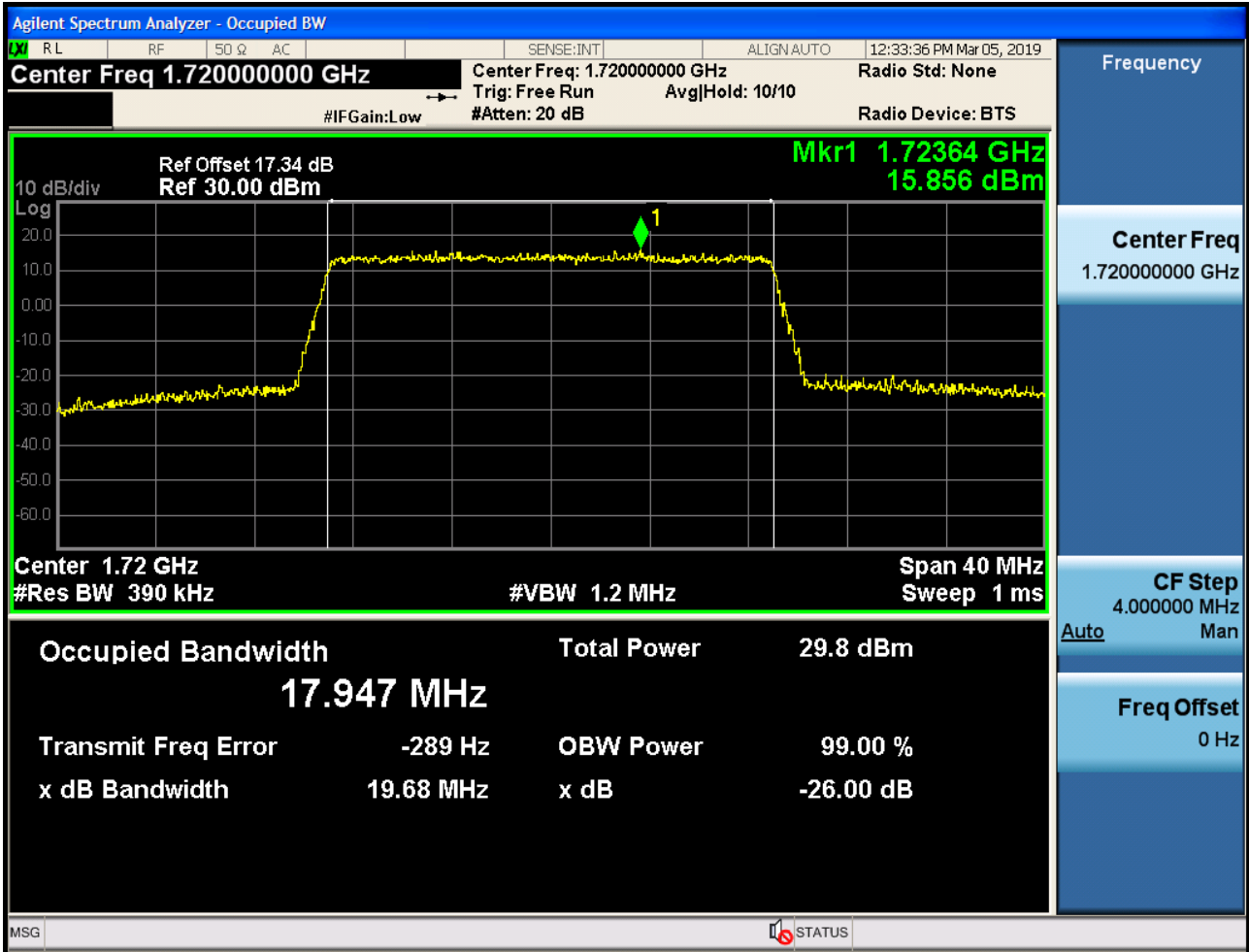
4.1.1.1.5.3.1 Test RB = RB75#0



4.1.1.1.6 Test Bandwidth = 20

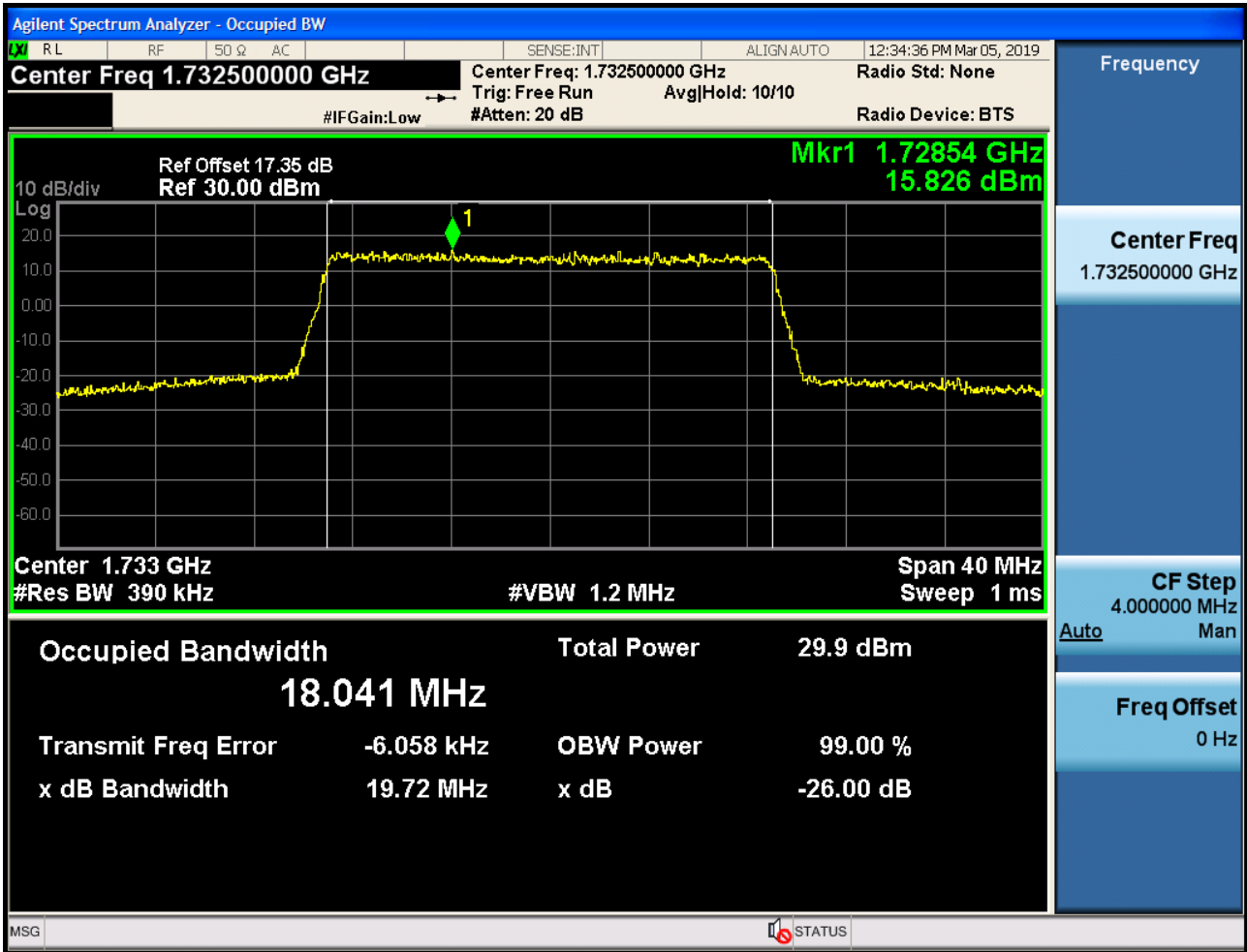
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



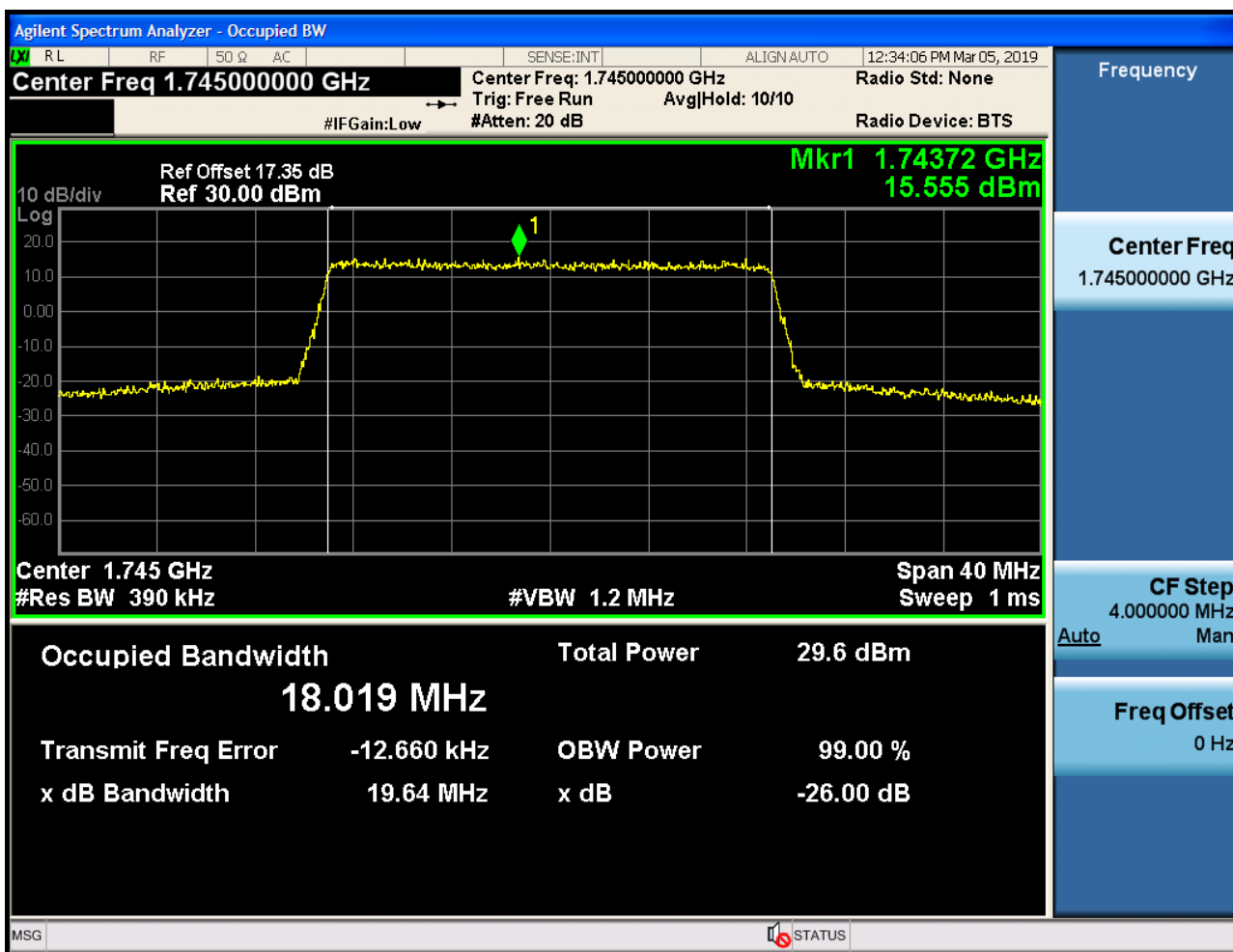
4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0



4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0

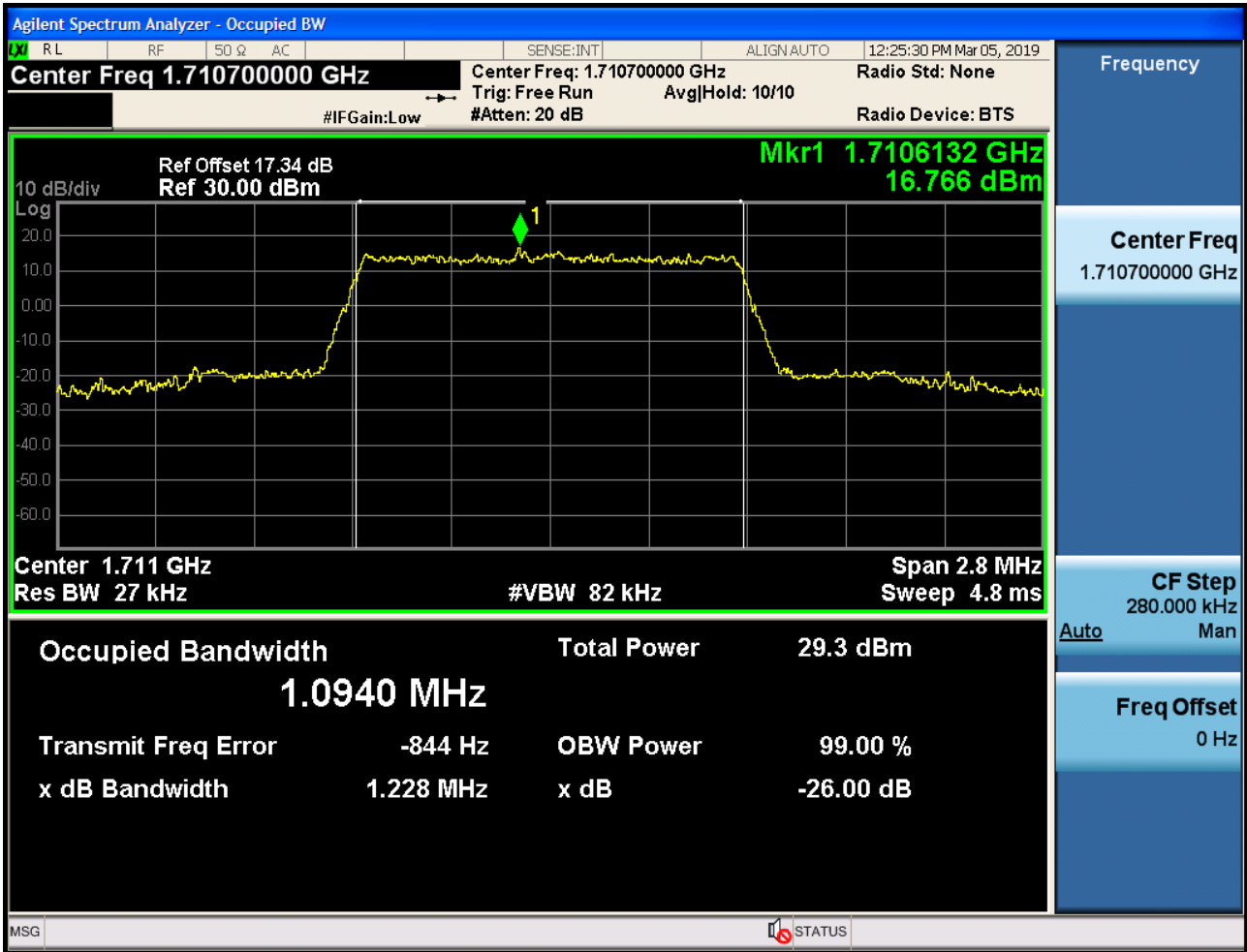


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

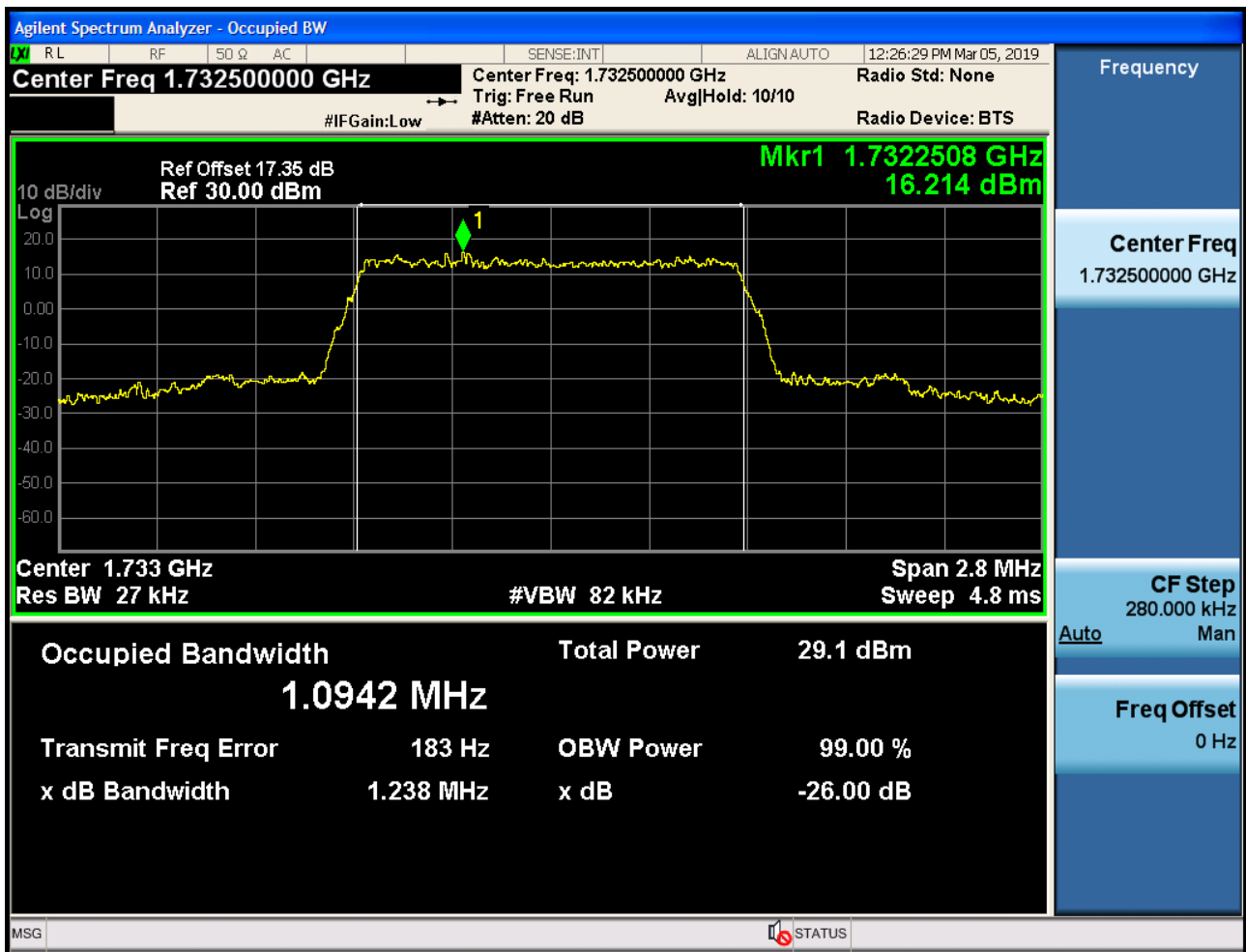
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



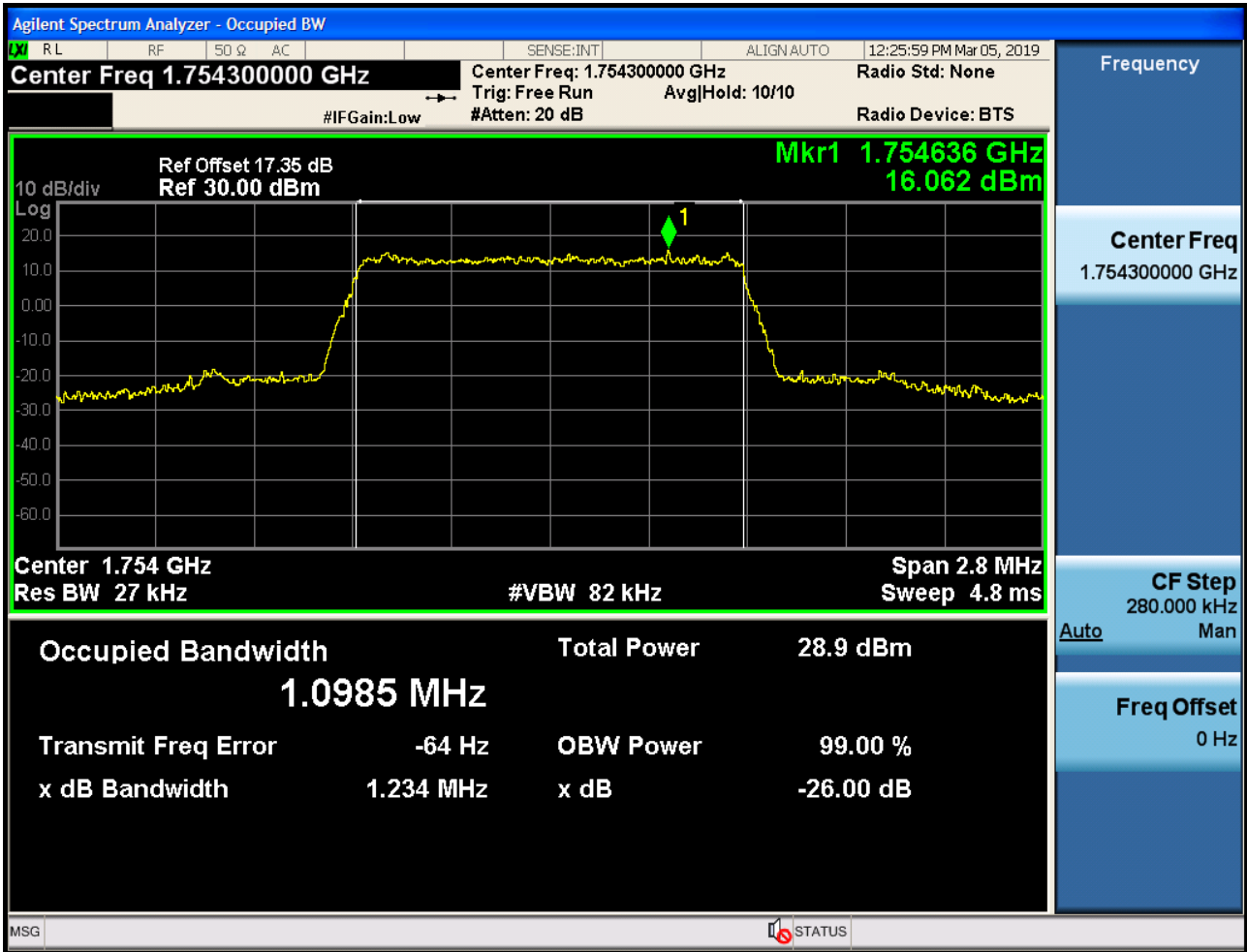
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

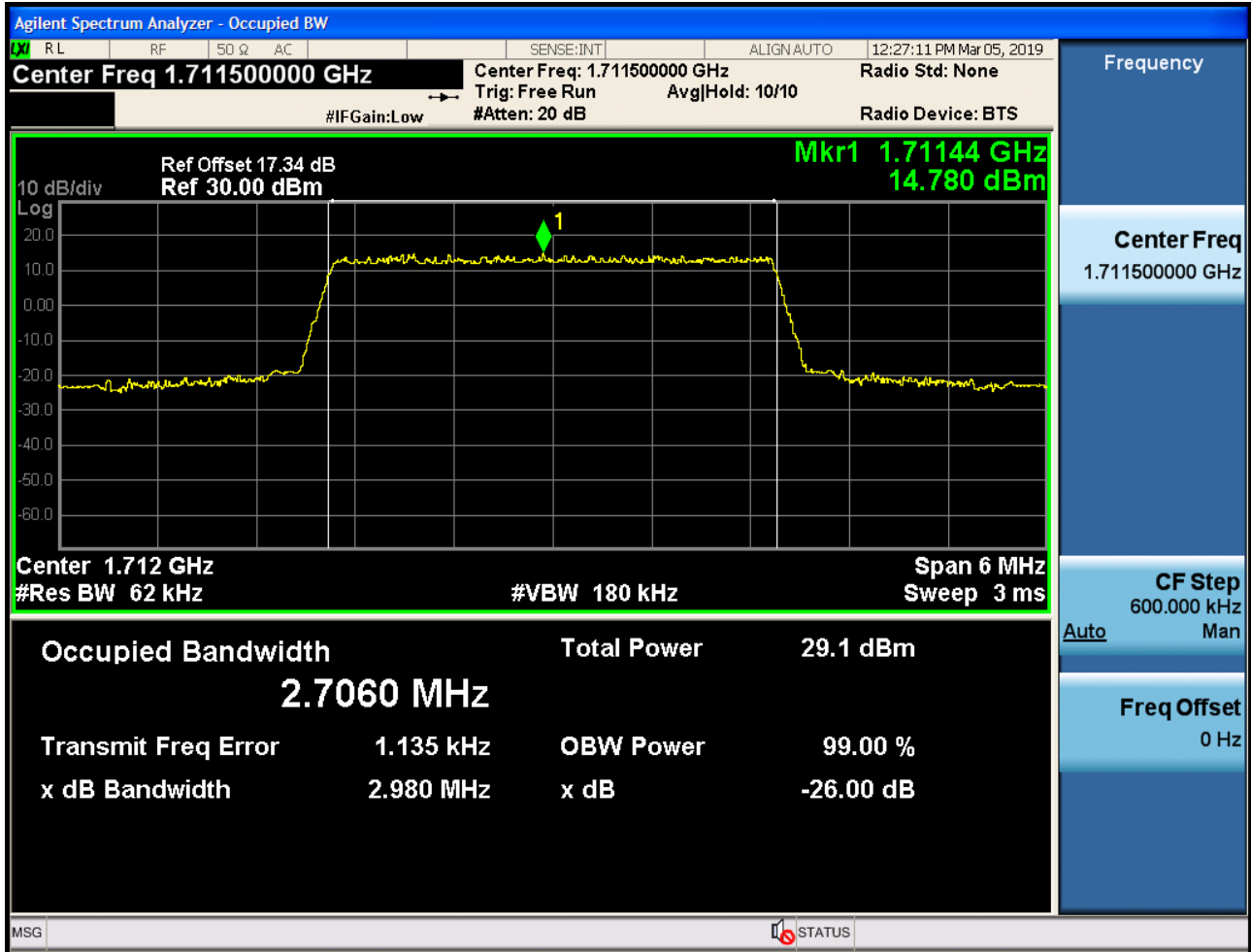
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

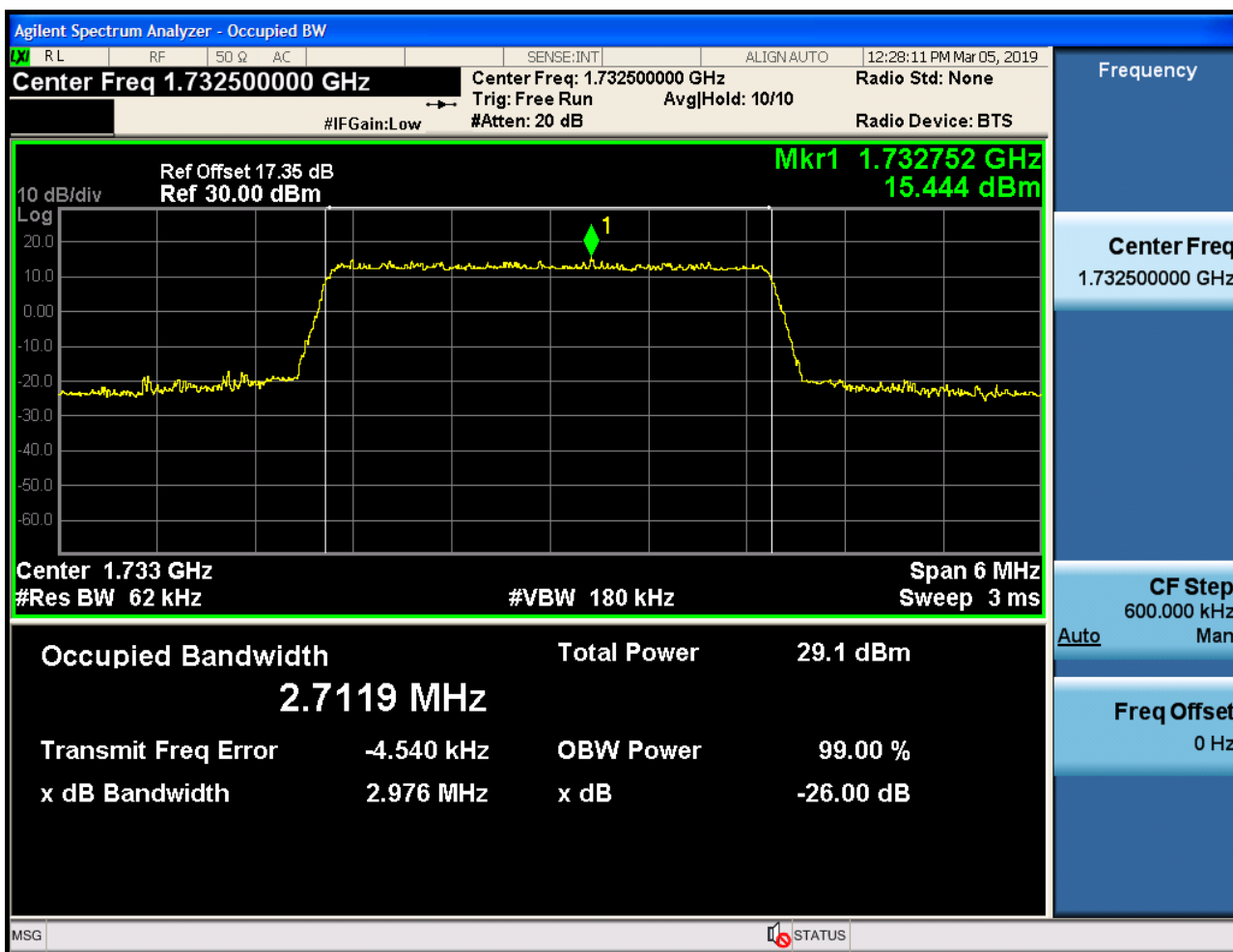
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



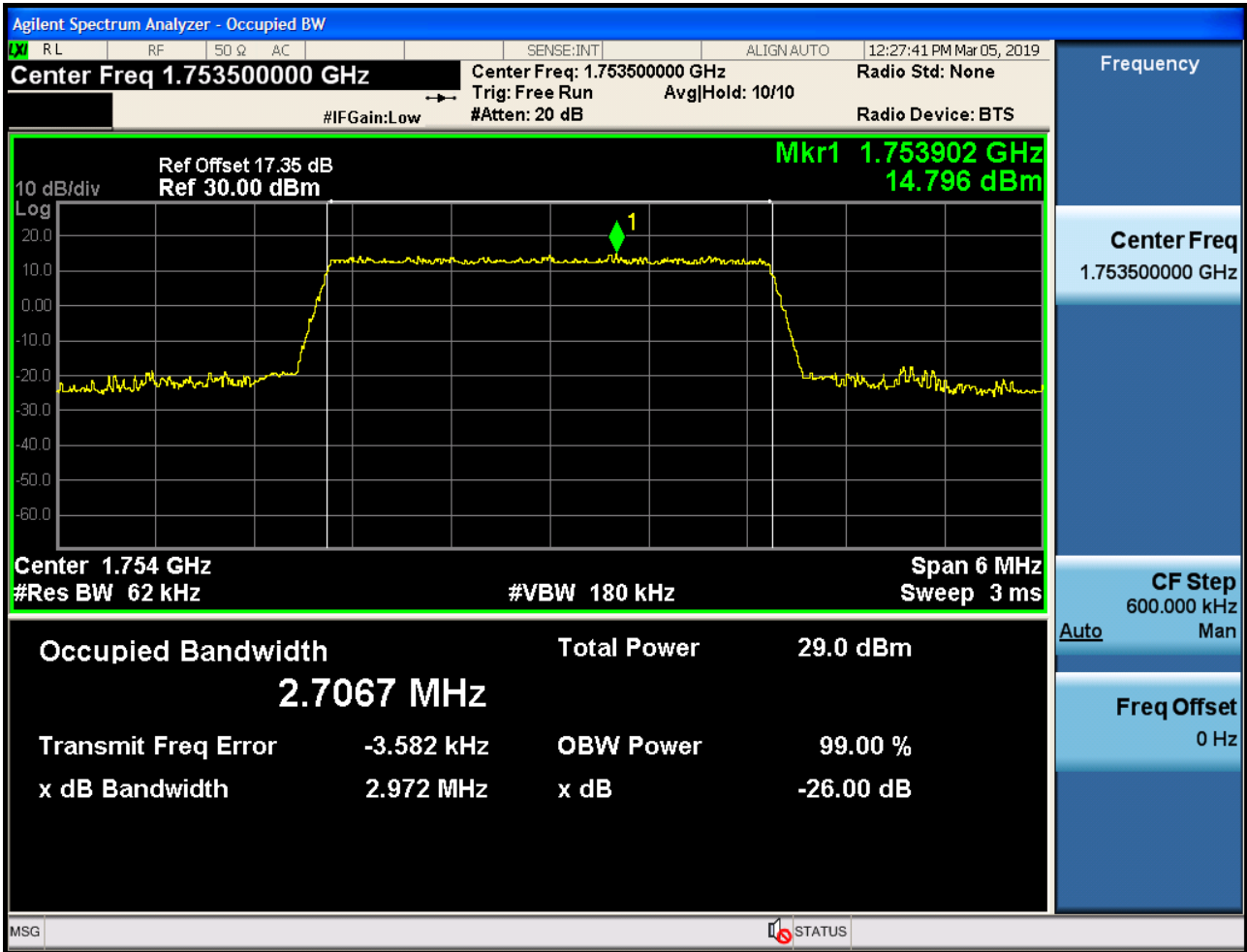
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

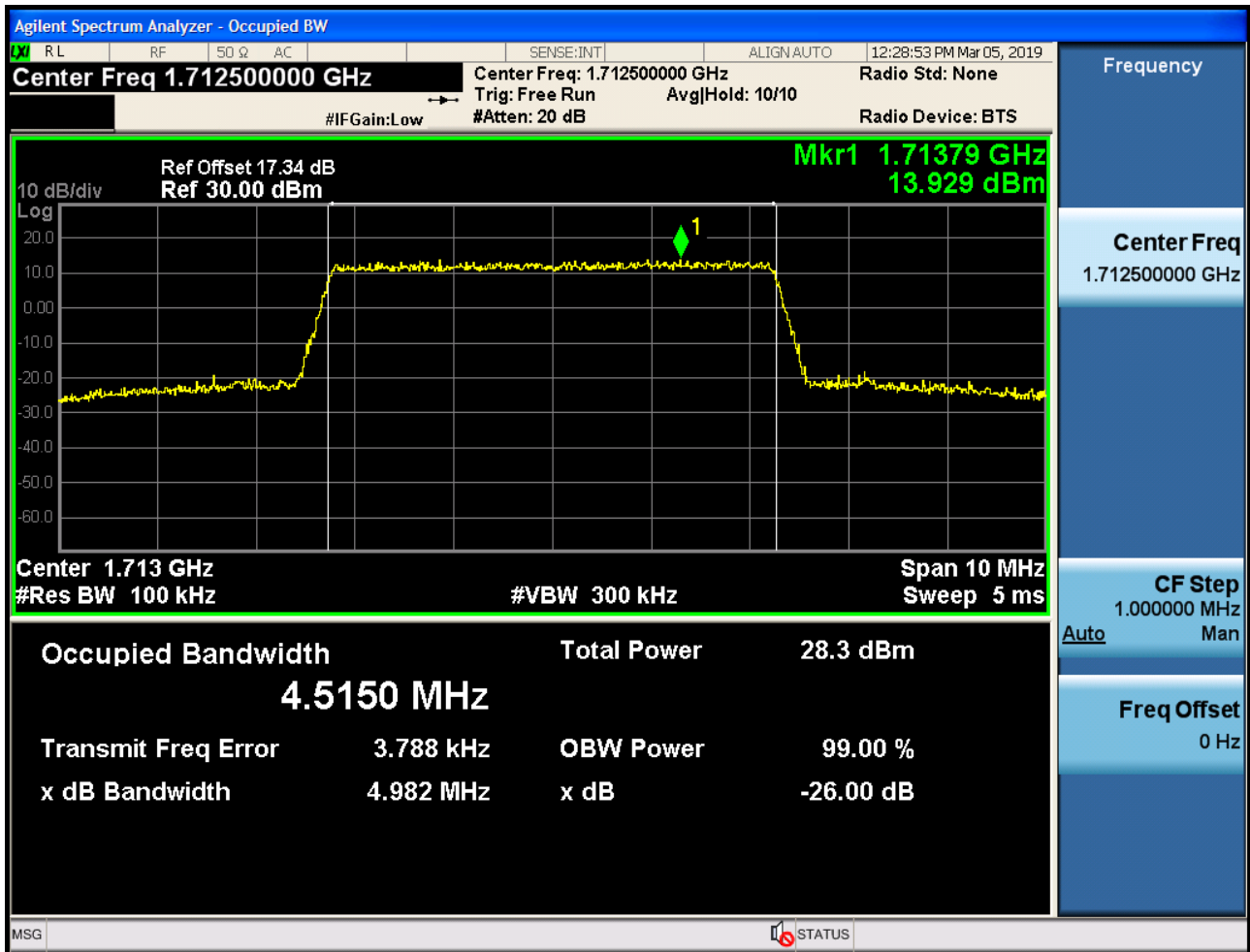
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

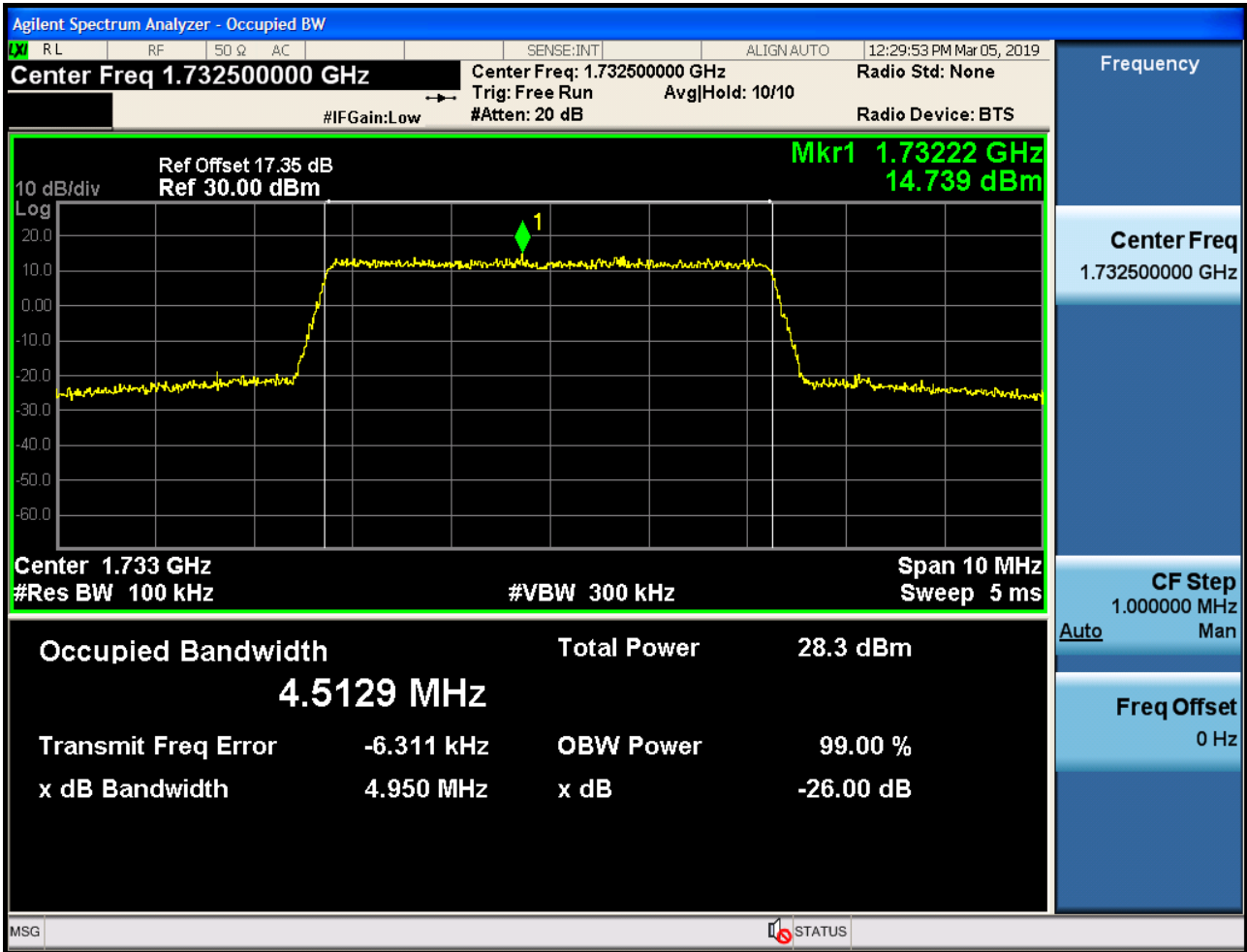
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



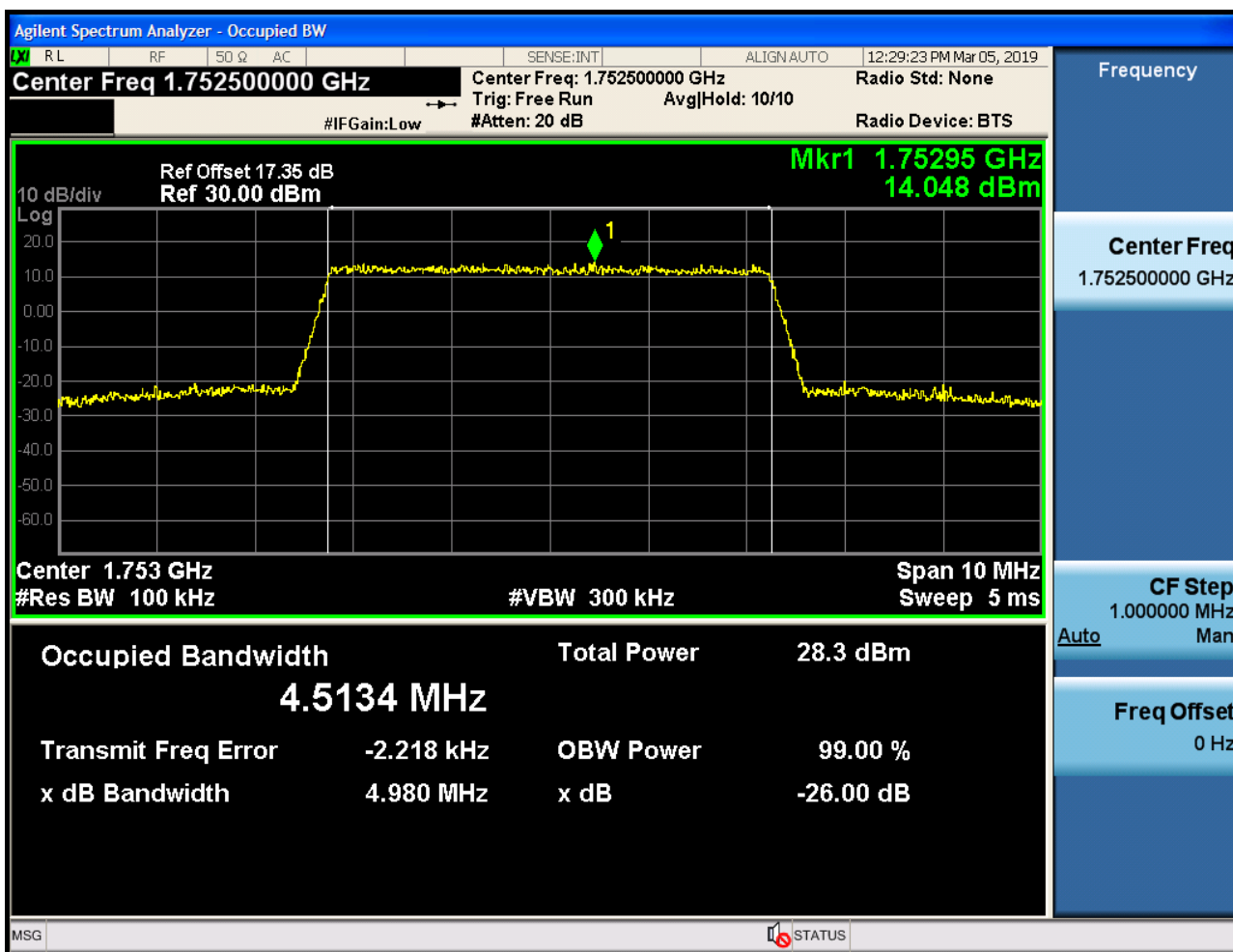
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

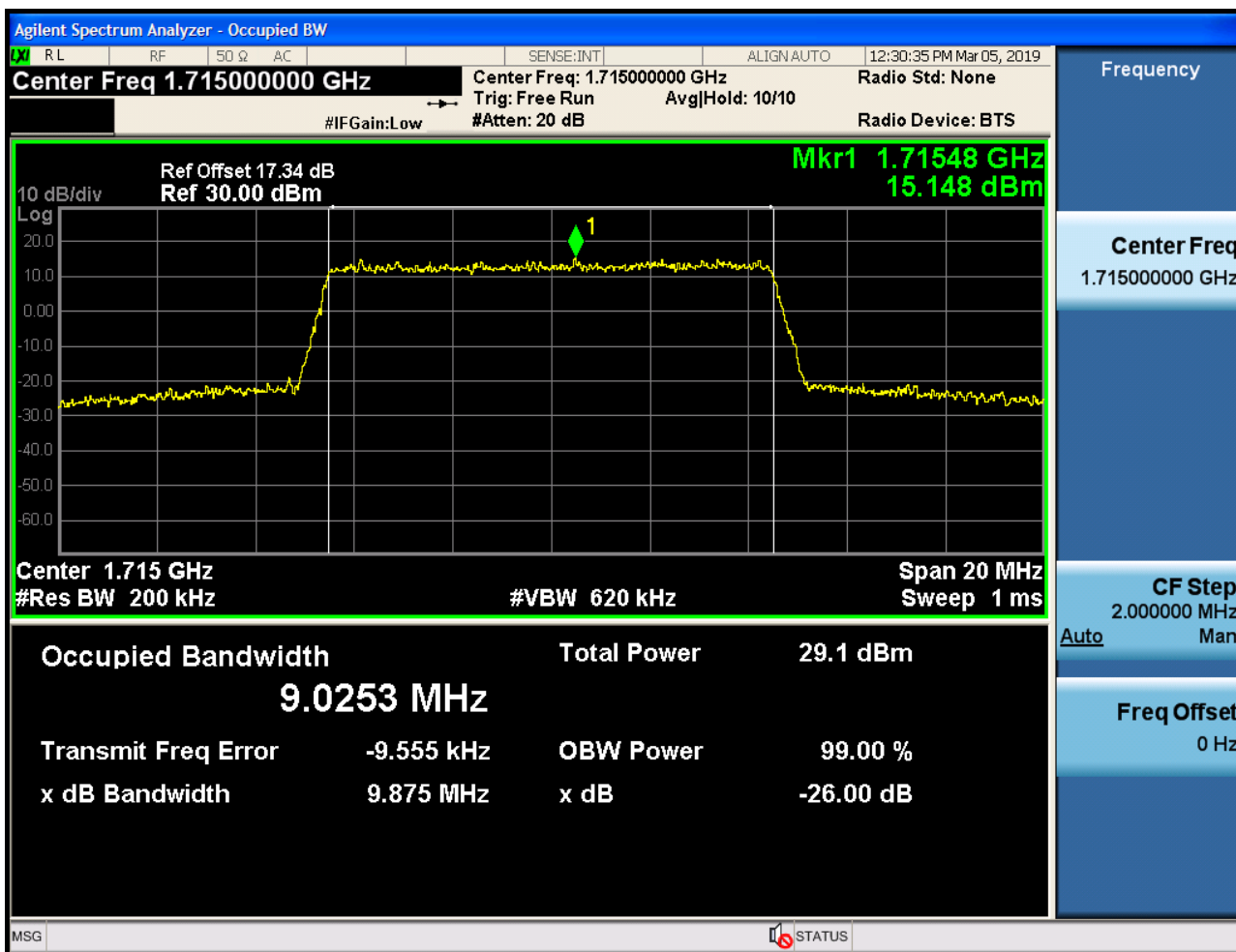
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

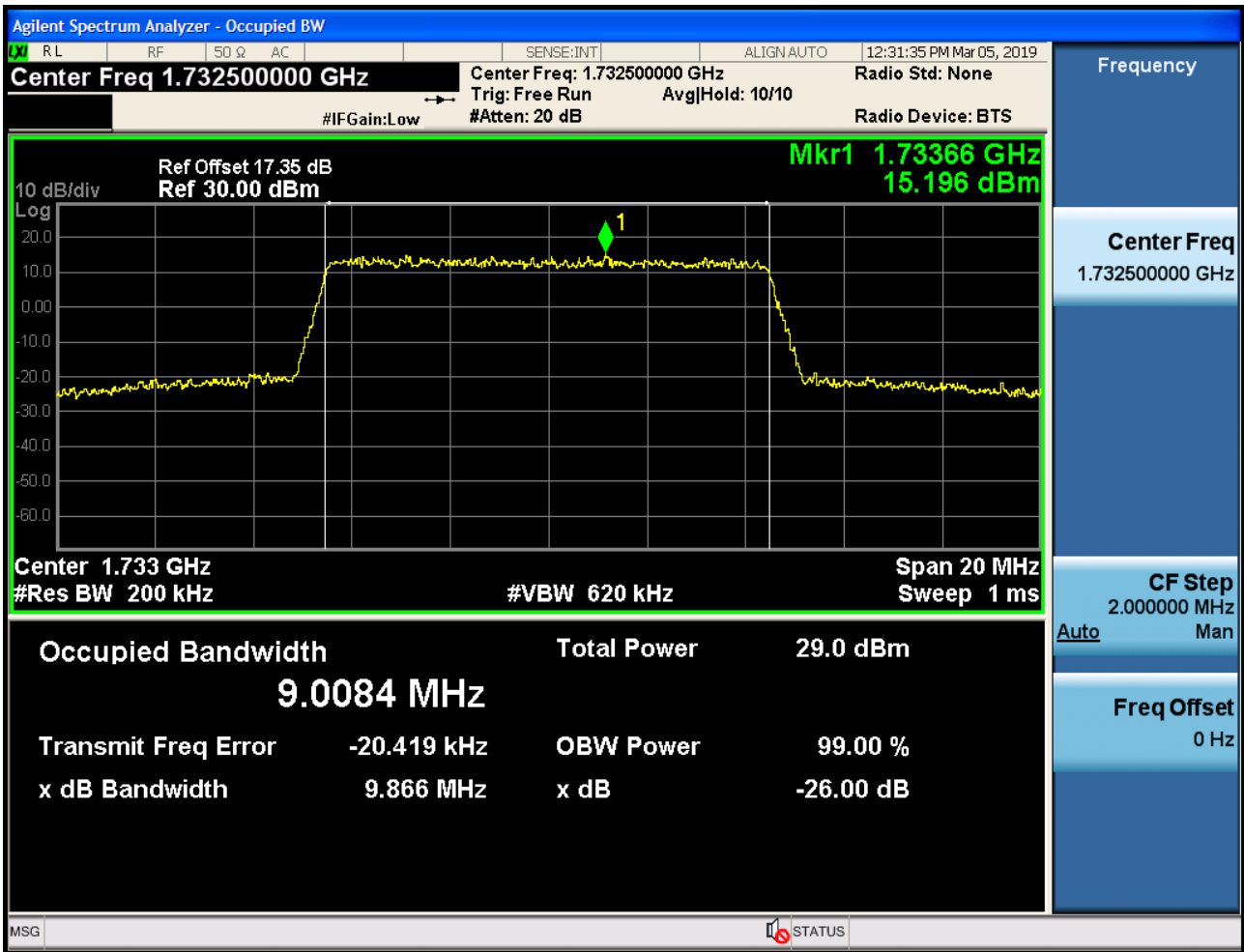
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



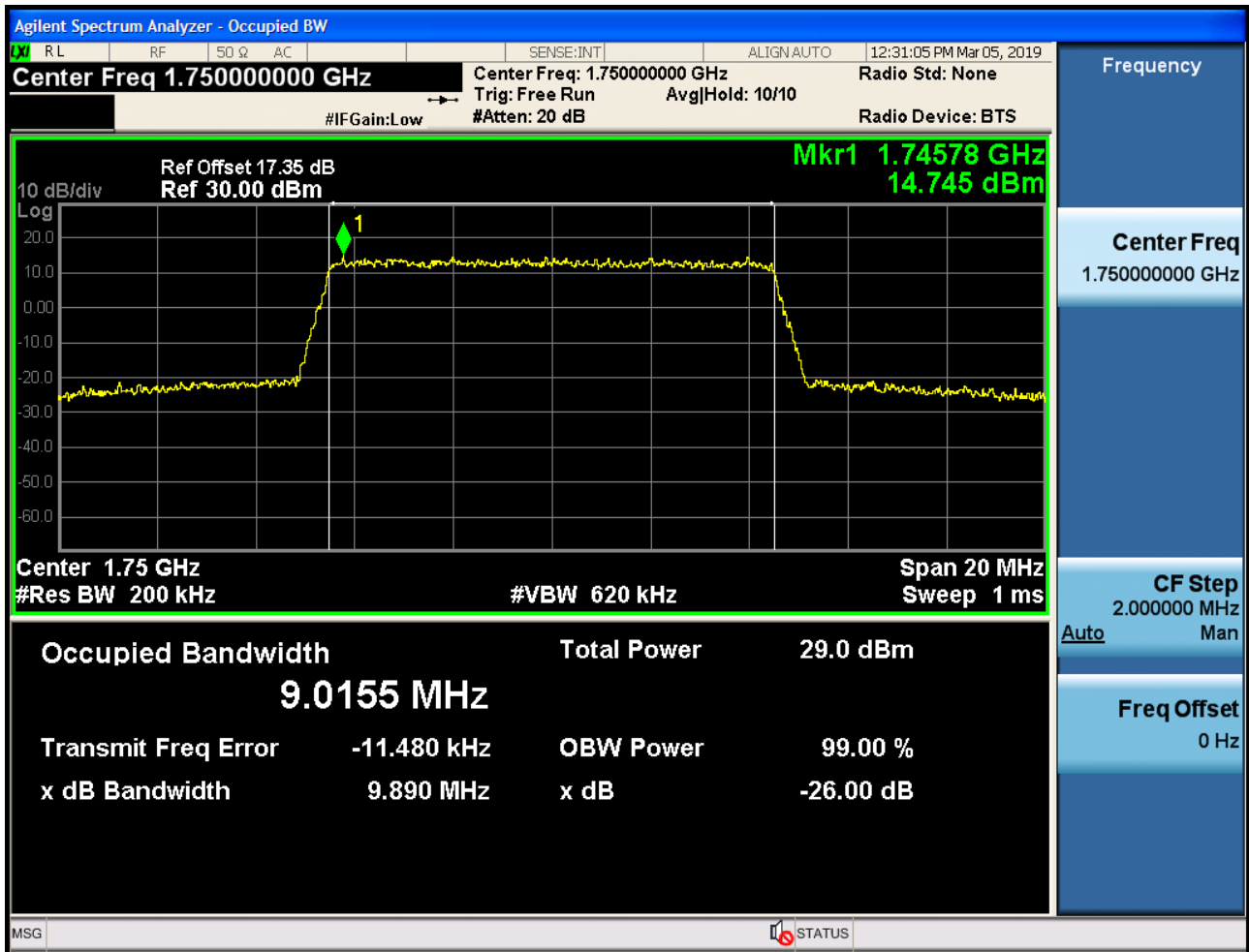
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

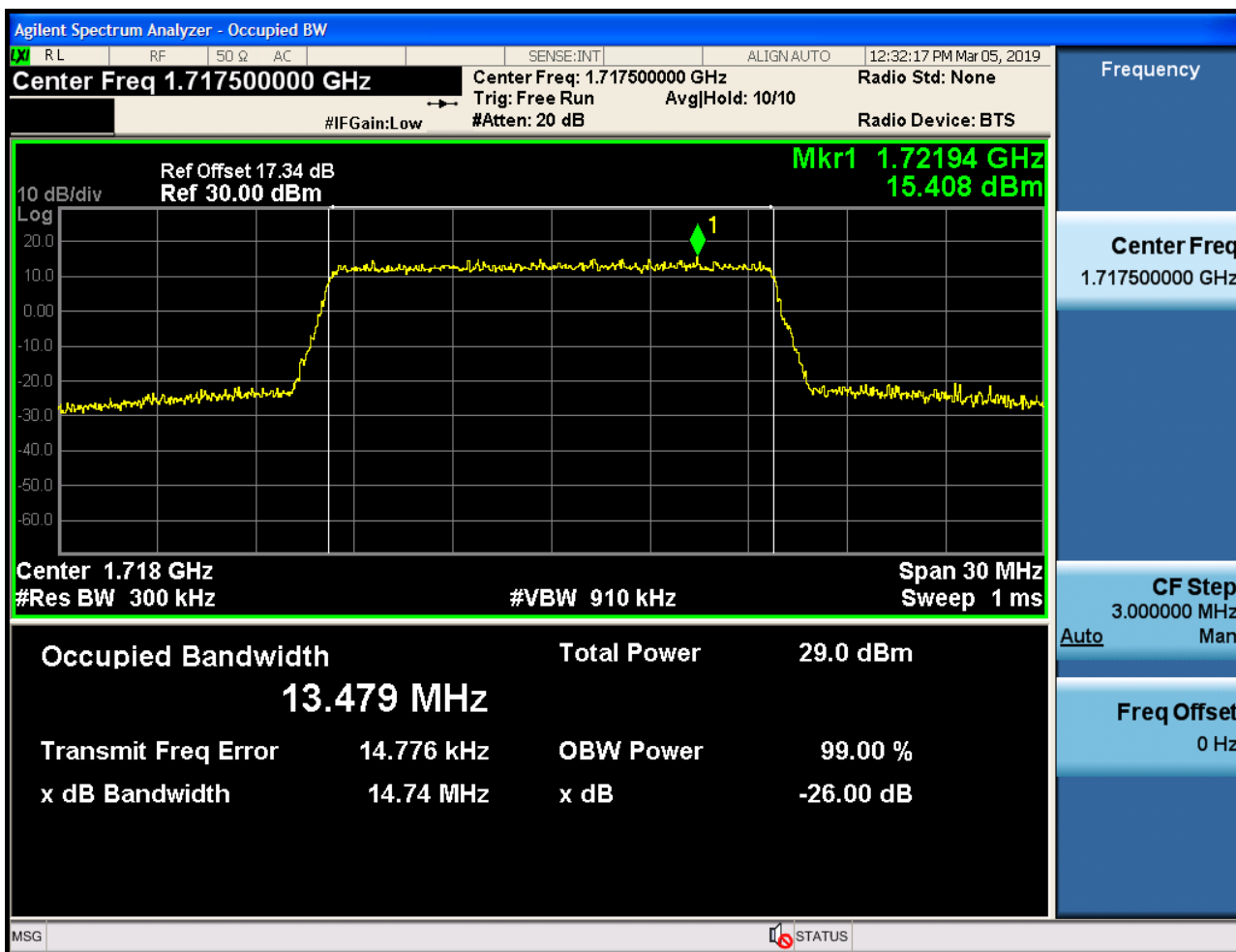




4.1.1.2.5 Test Bandwidth = 15

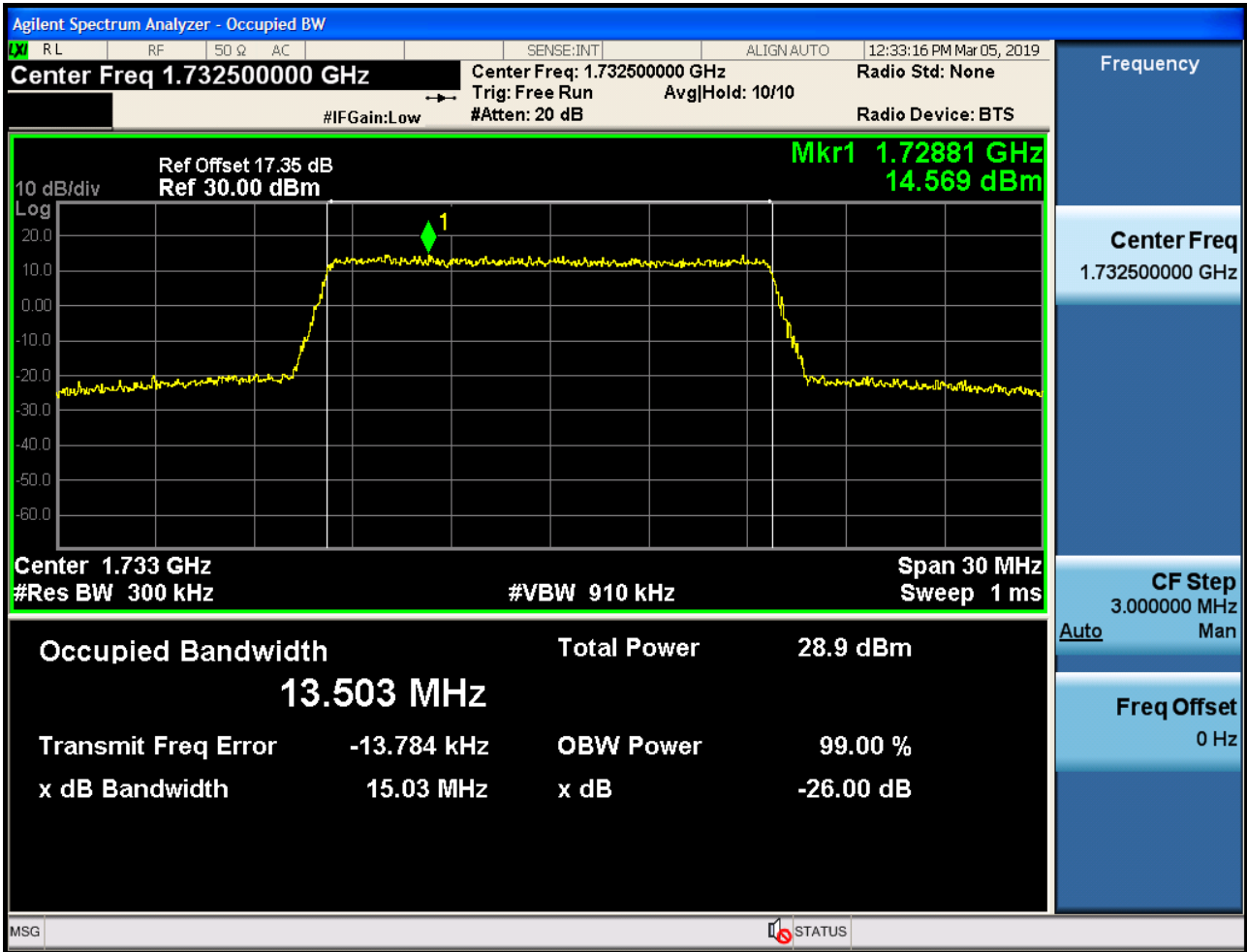
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



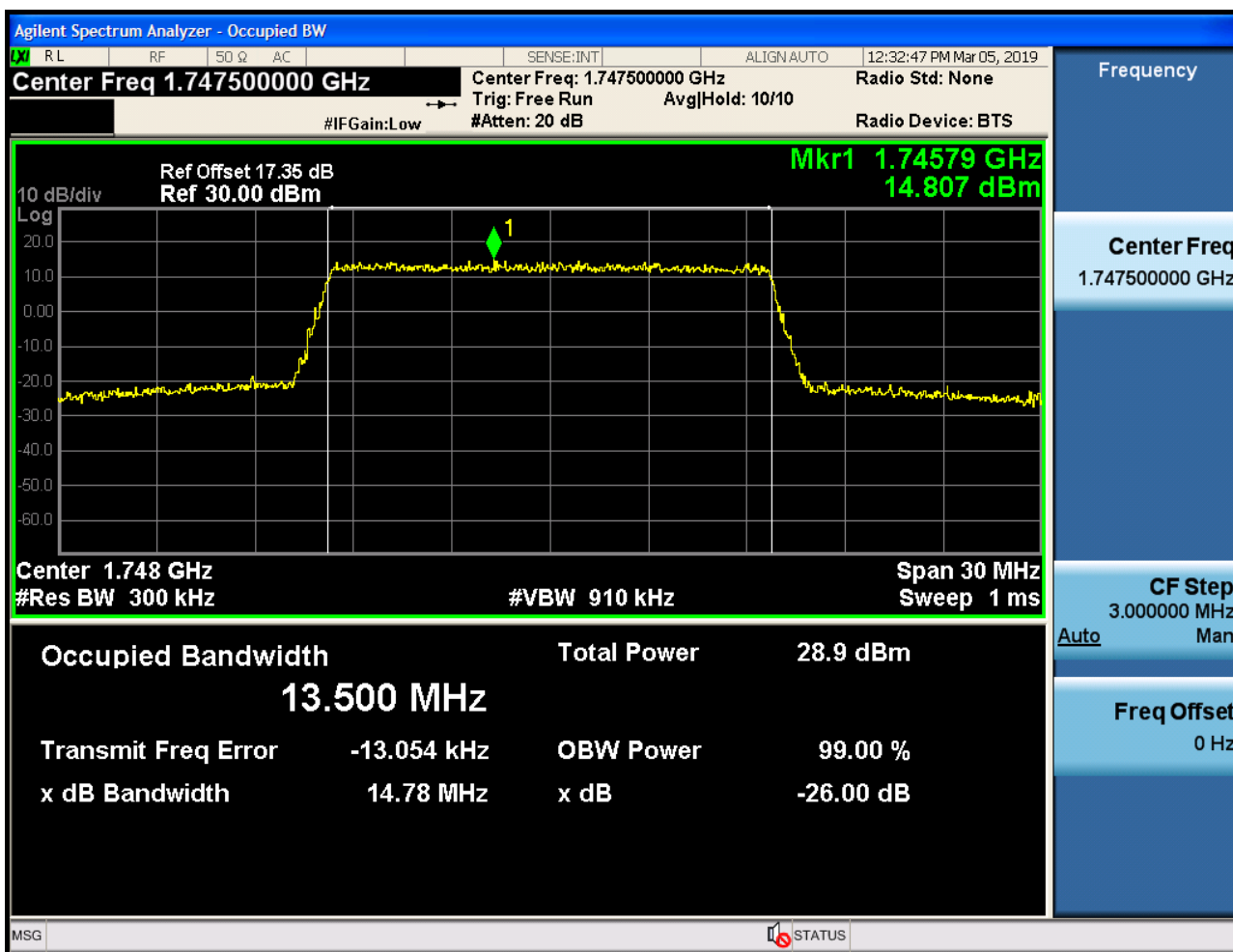
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

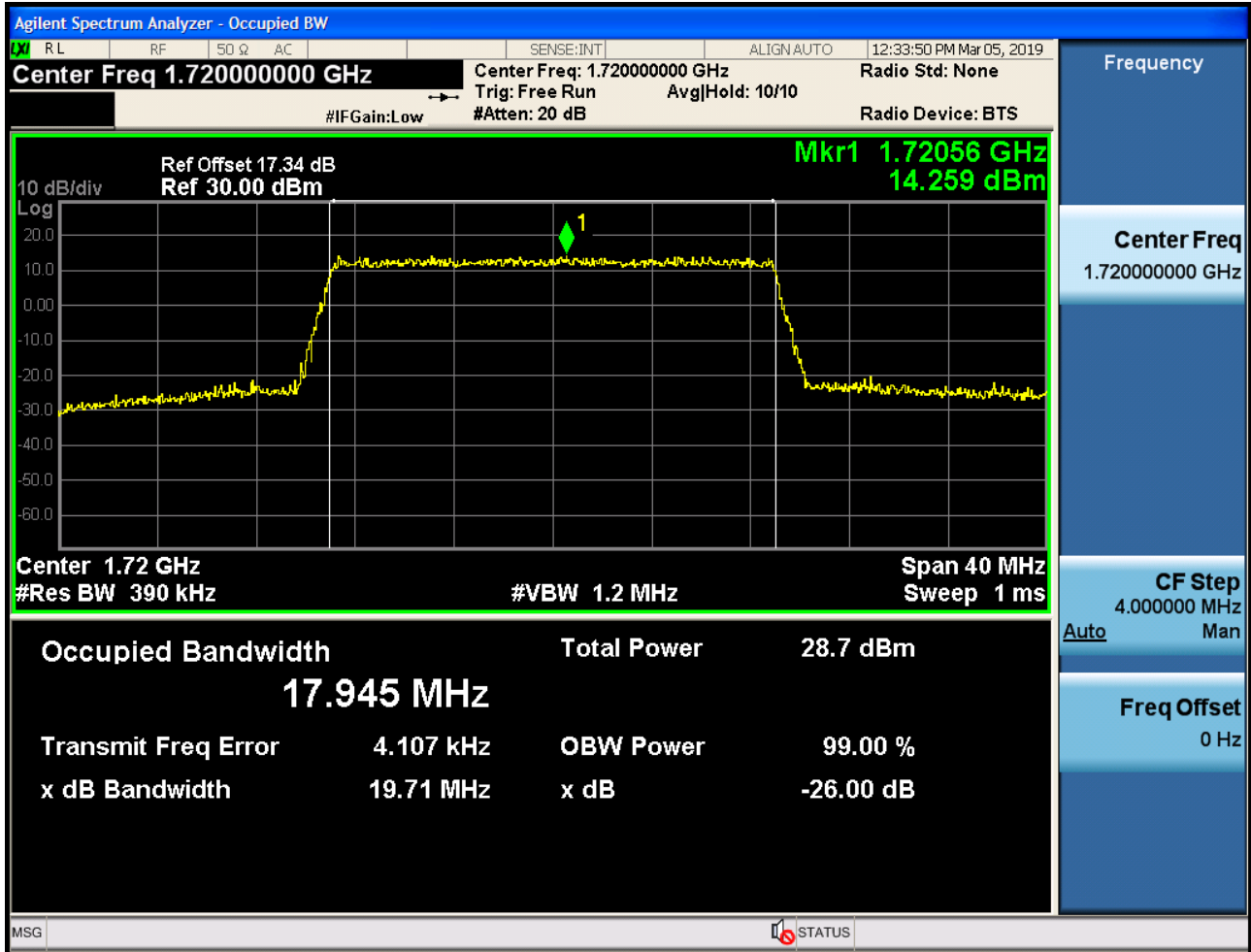
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

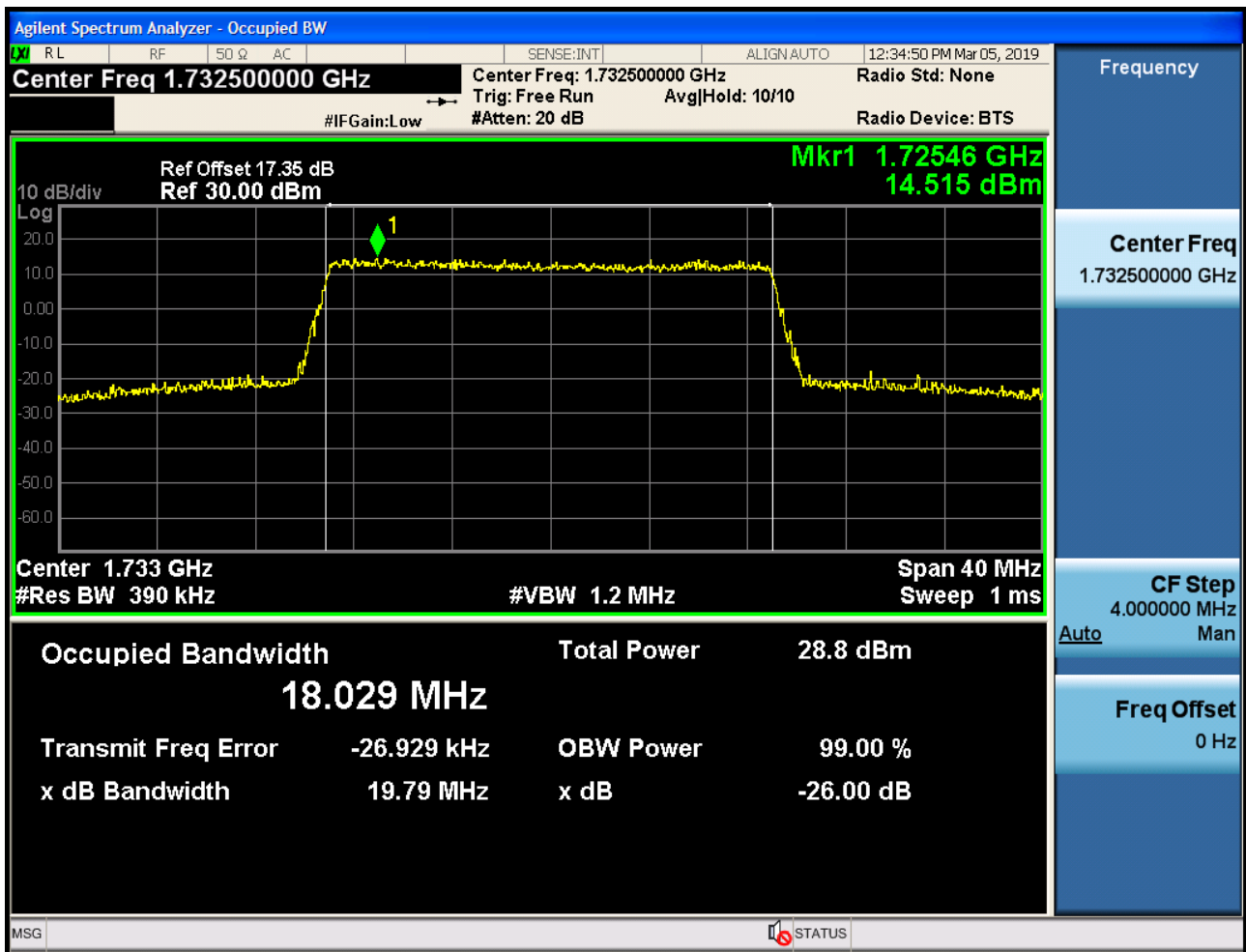
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



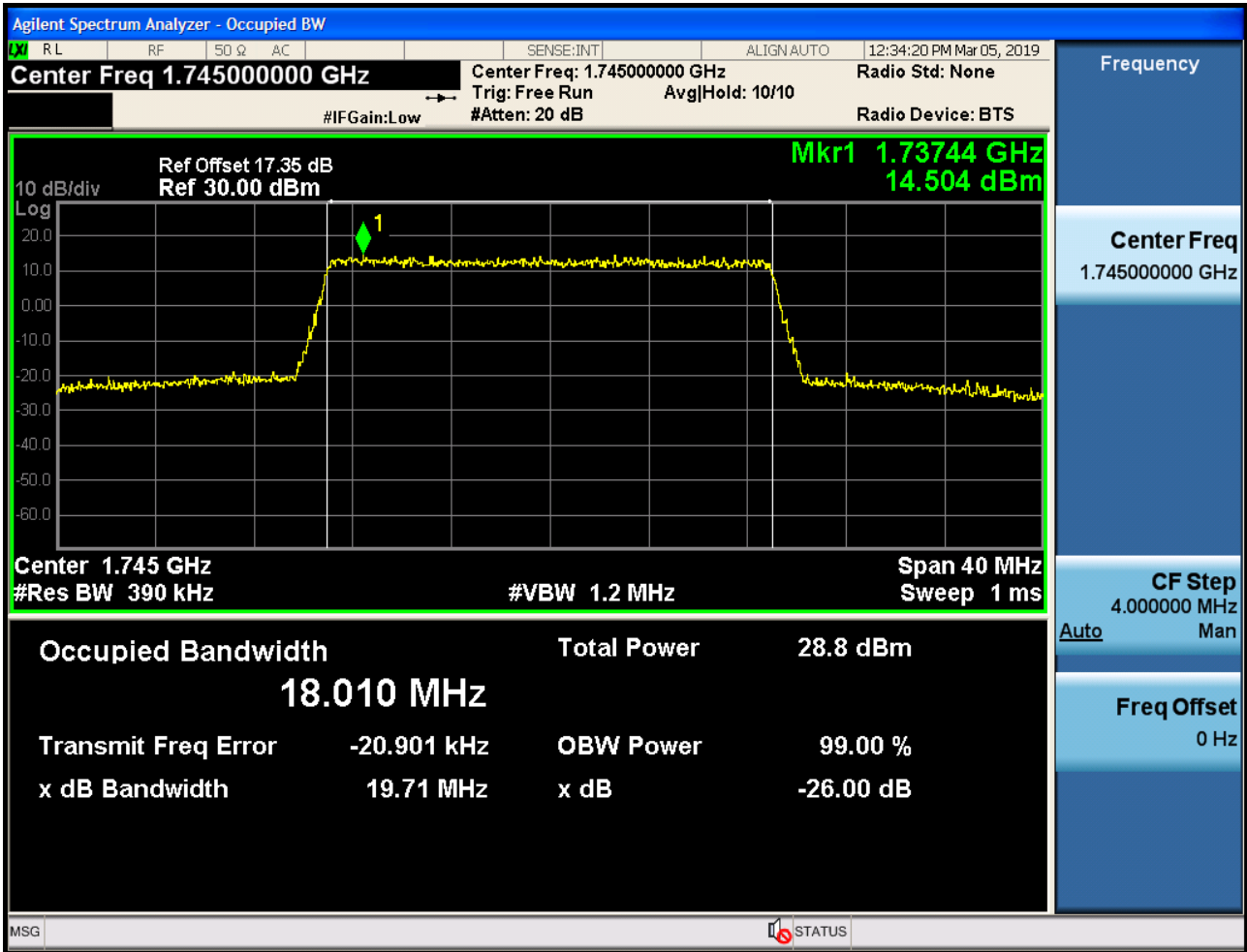
4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0



4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

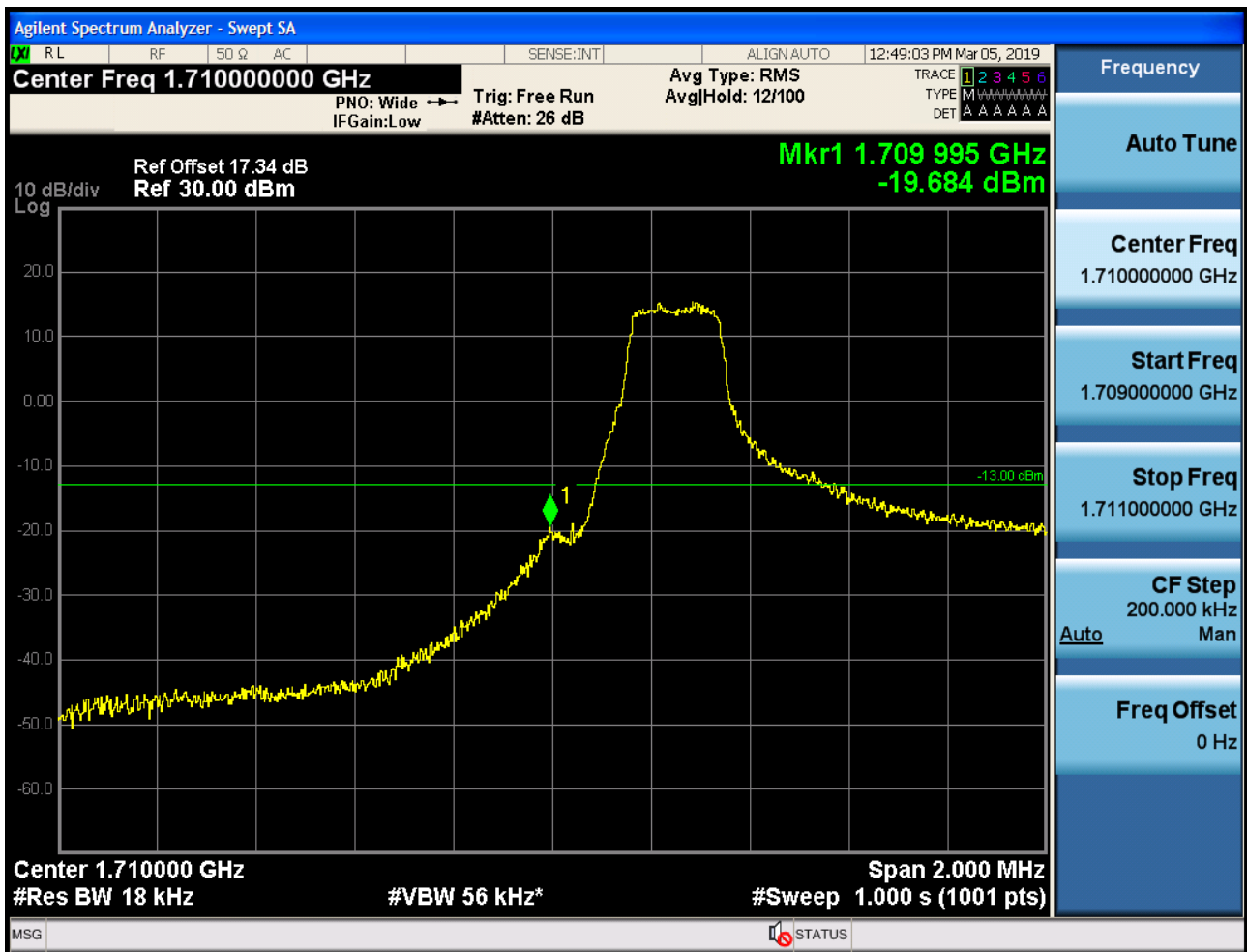
5.1.1 Test Band = Band4

5.1.1.1 Test Mode = LTE/TM1

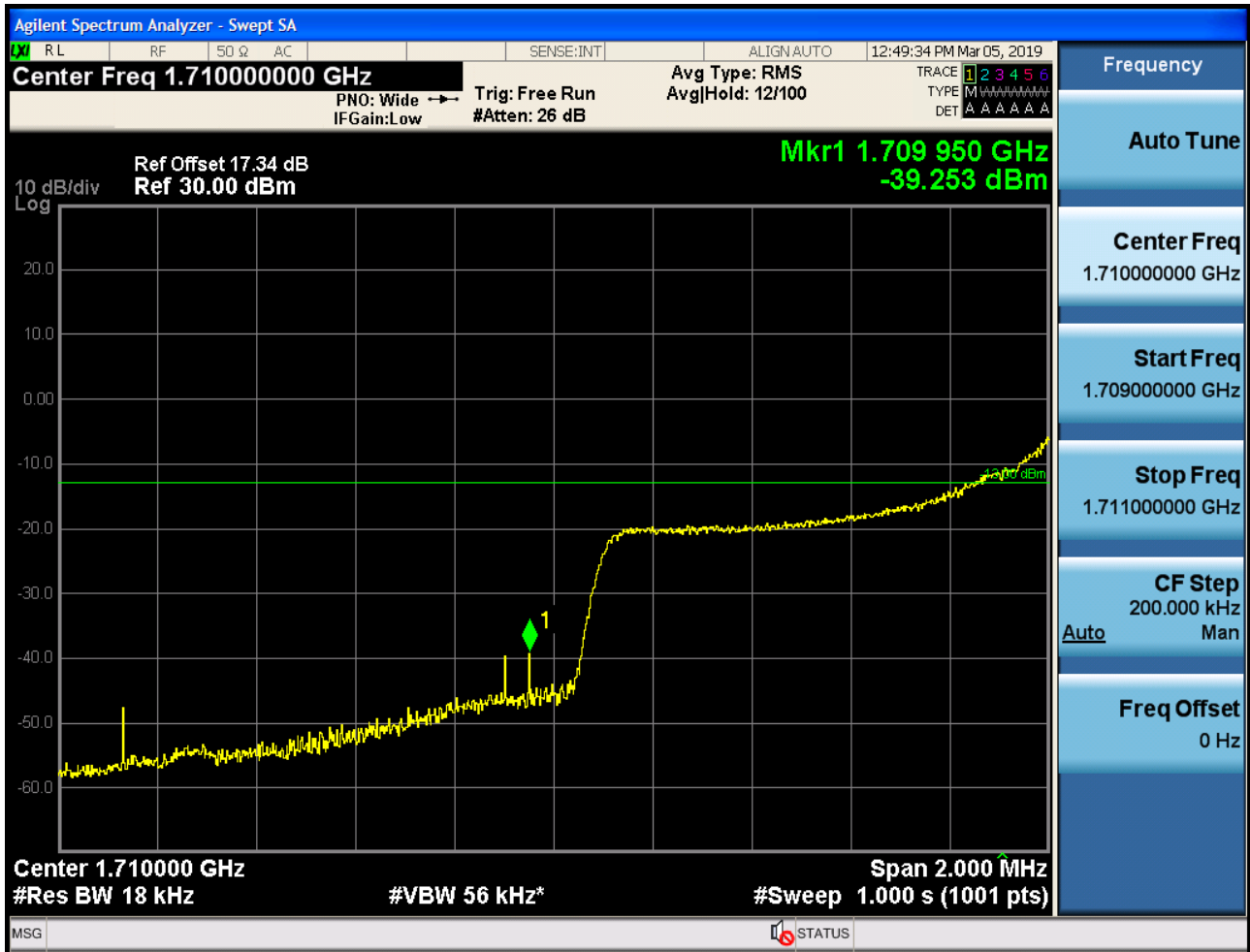
5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

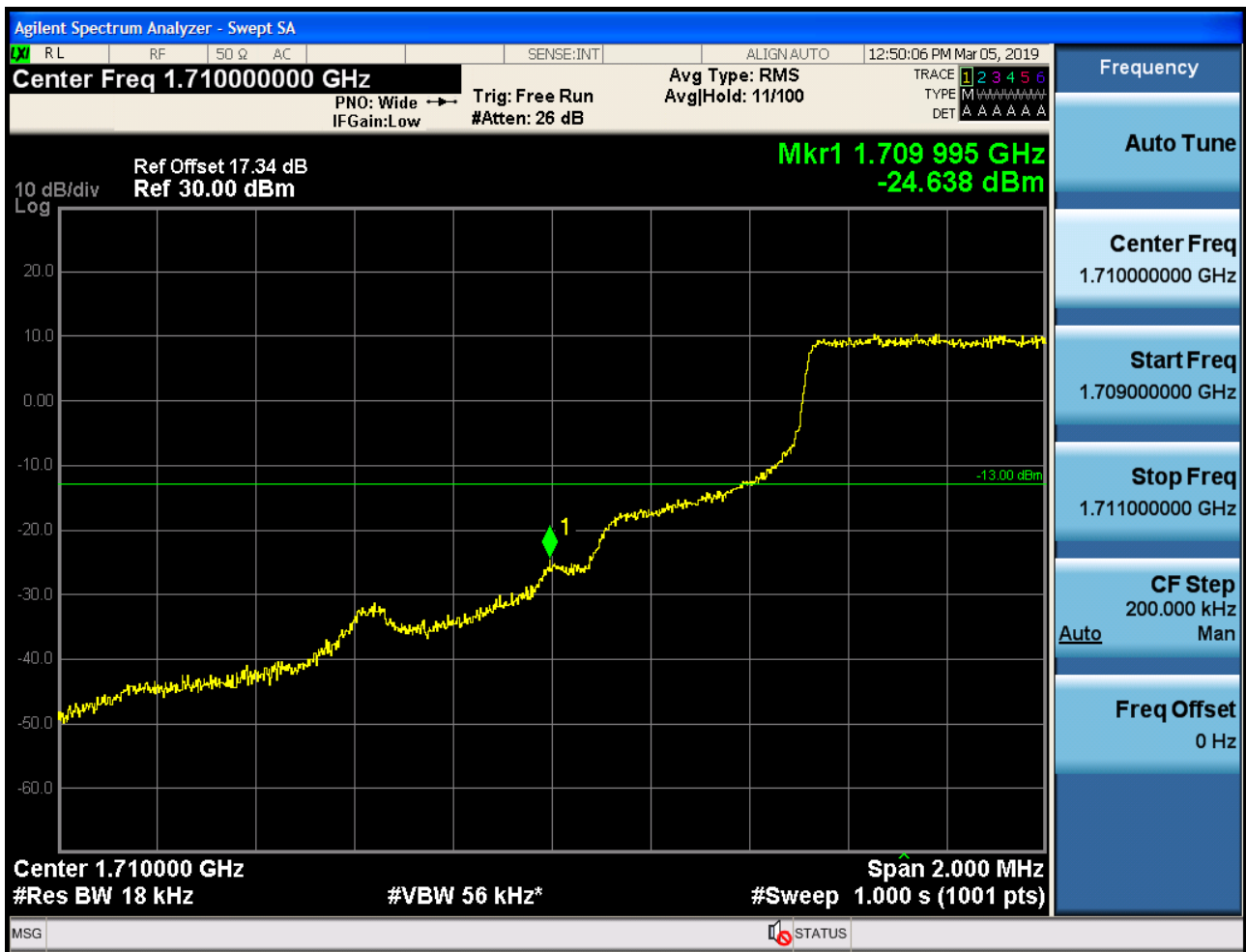
5.1.1.1.1.1.1 Test RB = RB1#0



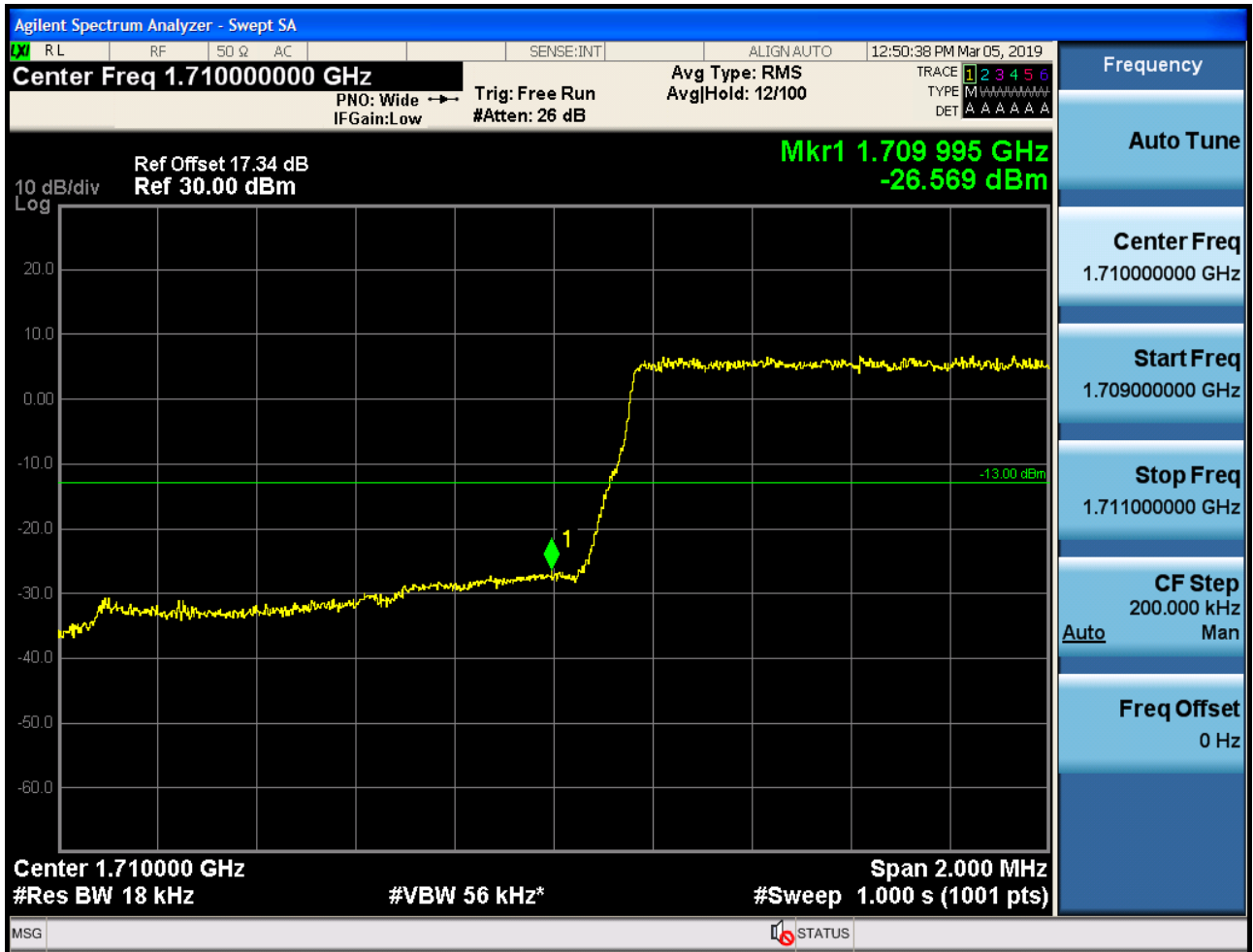
5.1.1.1.1.2 Test RB = RB1#5



5.1.1.1.1.3 Test RB = RB3#2



5.1.1.1.1.4 Test RB = RB6#0

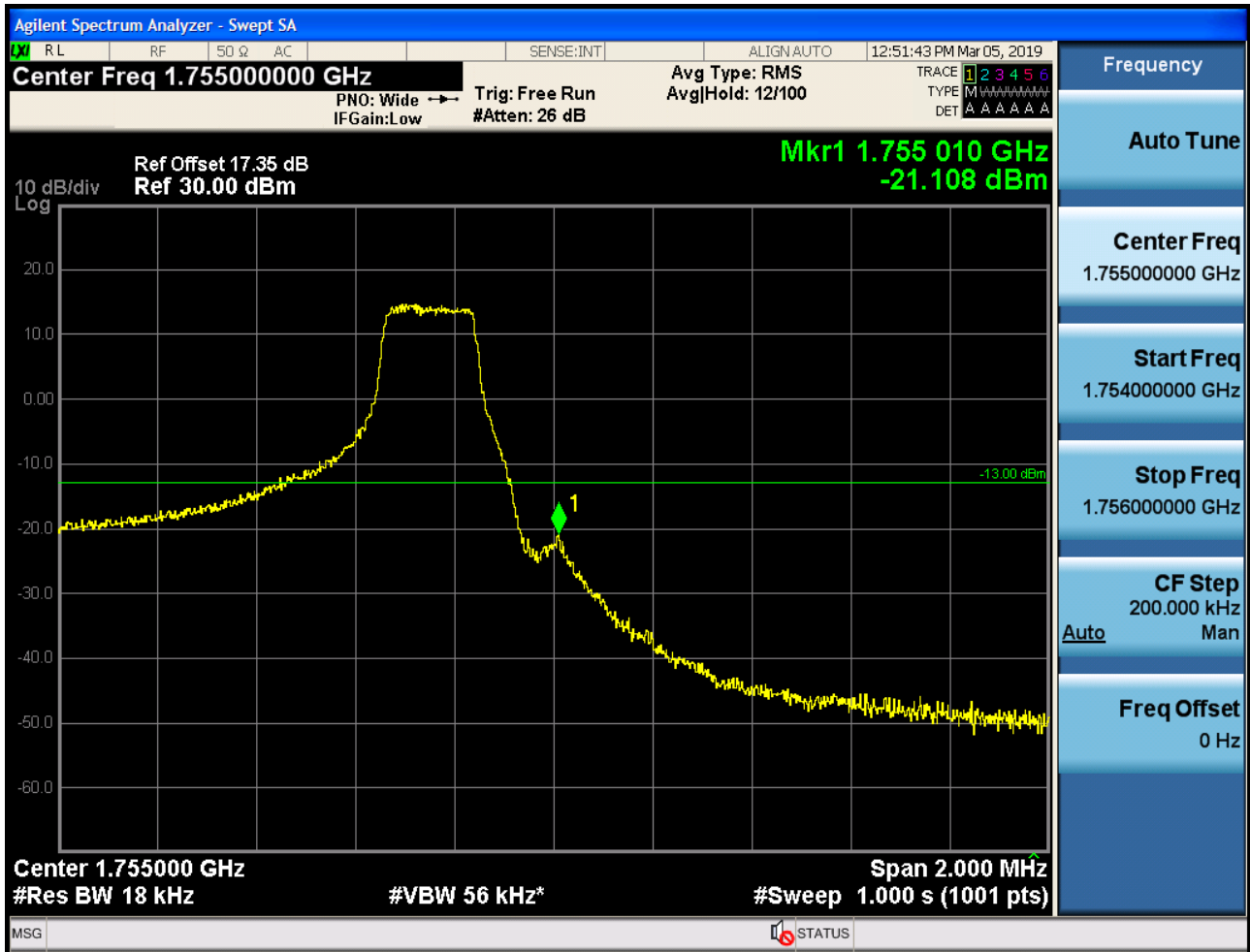


5.1.1.1.1.2 Test Channel = HCH

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



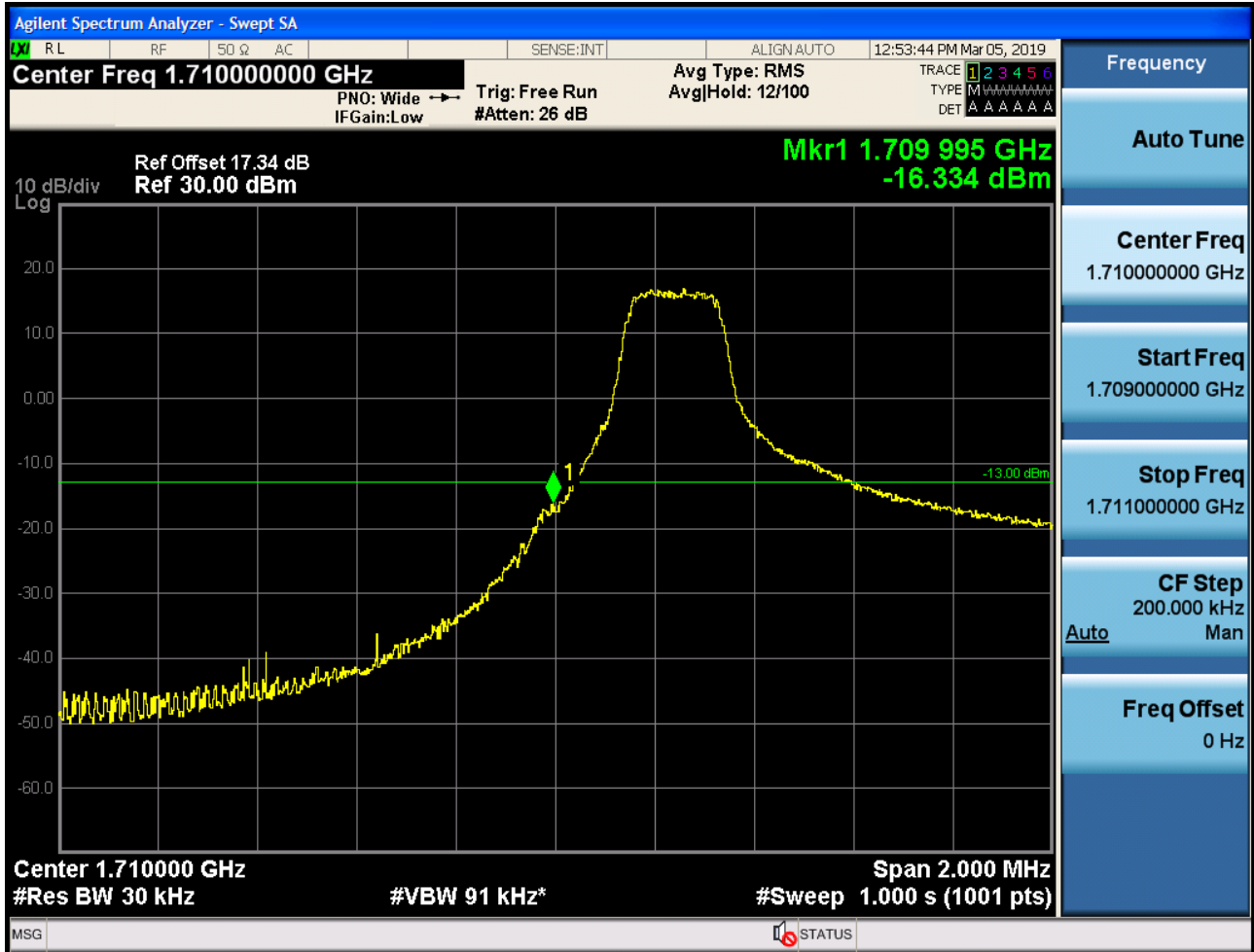
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

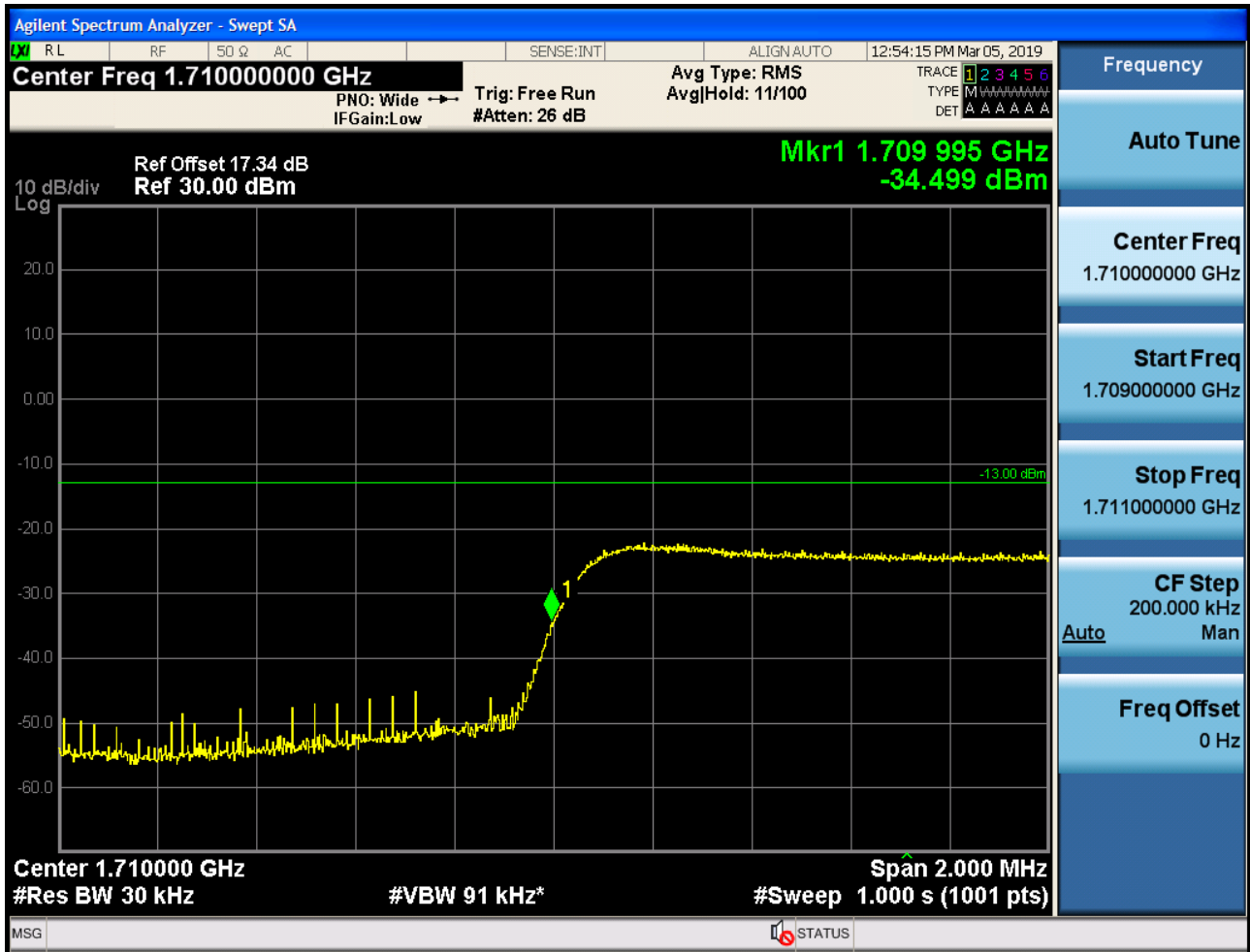
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14

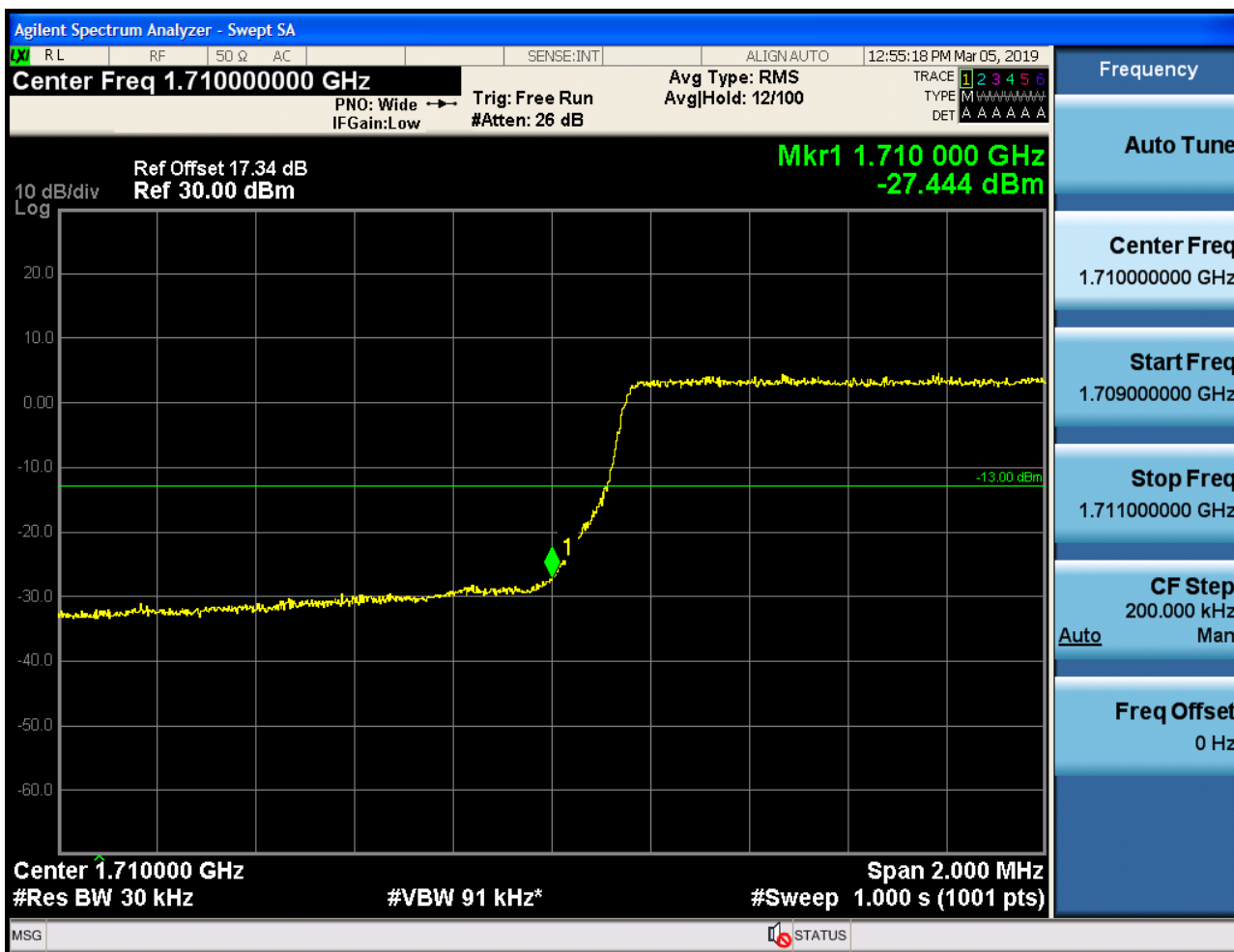


5.1.1.1.2.1.3 Test RB = RB8#4



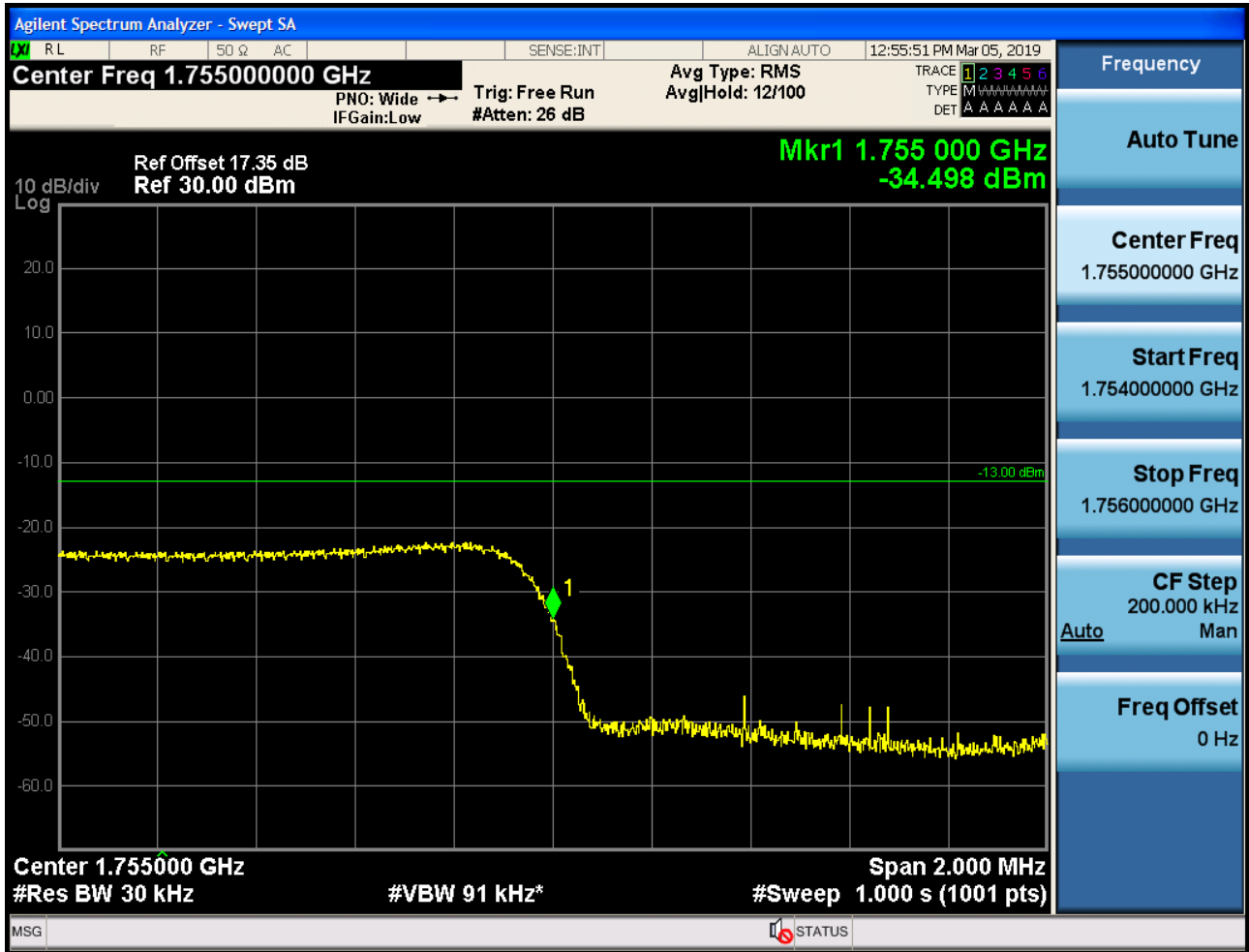


5.1.1.1.2.1.4 Test RB = RB15#0

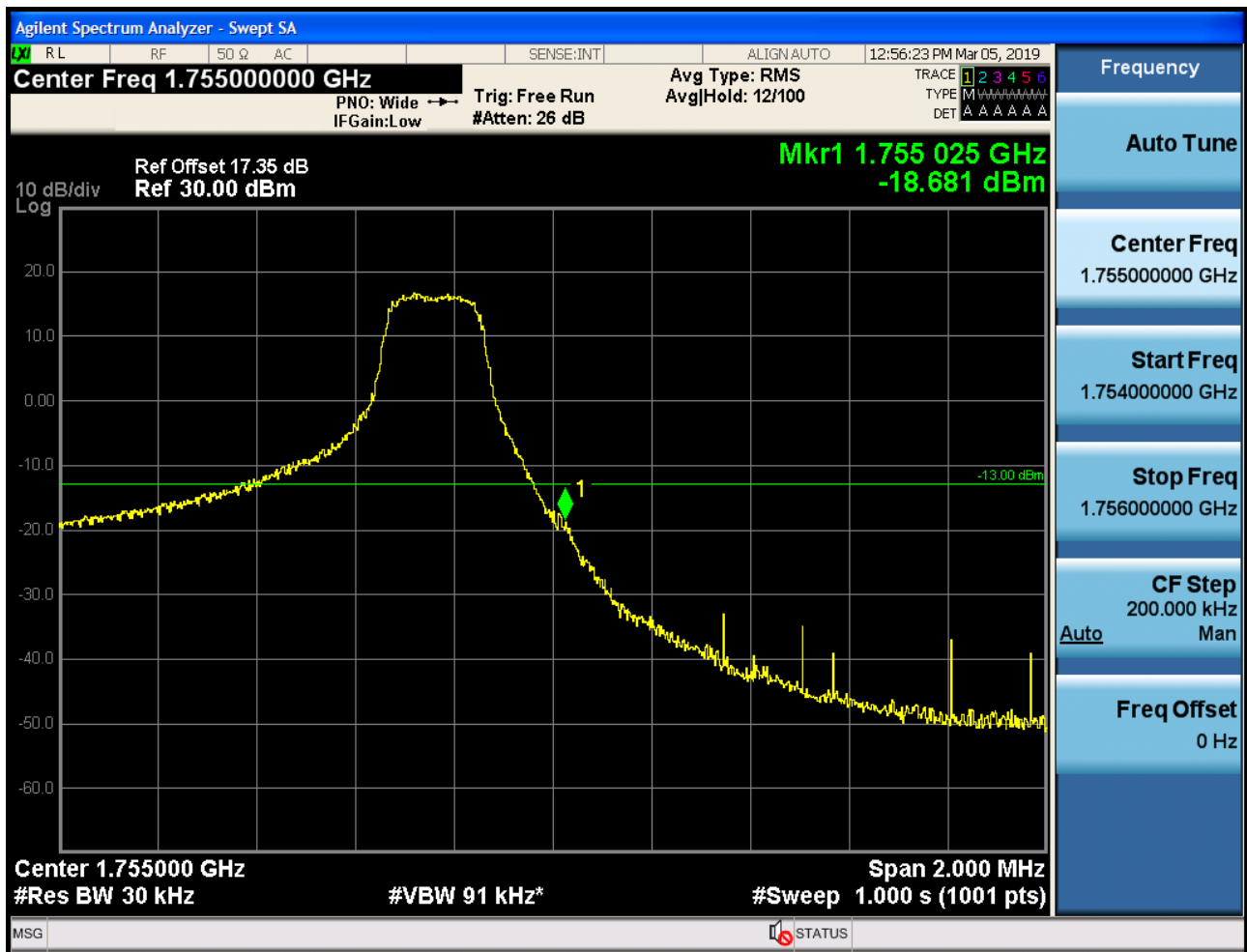


5.1.1.1.2.2 Test Channel = HCH

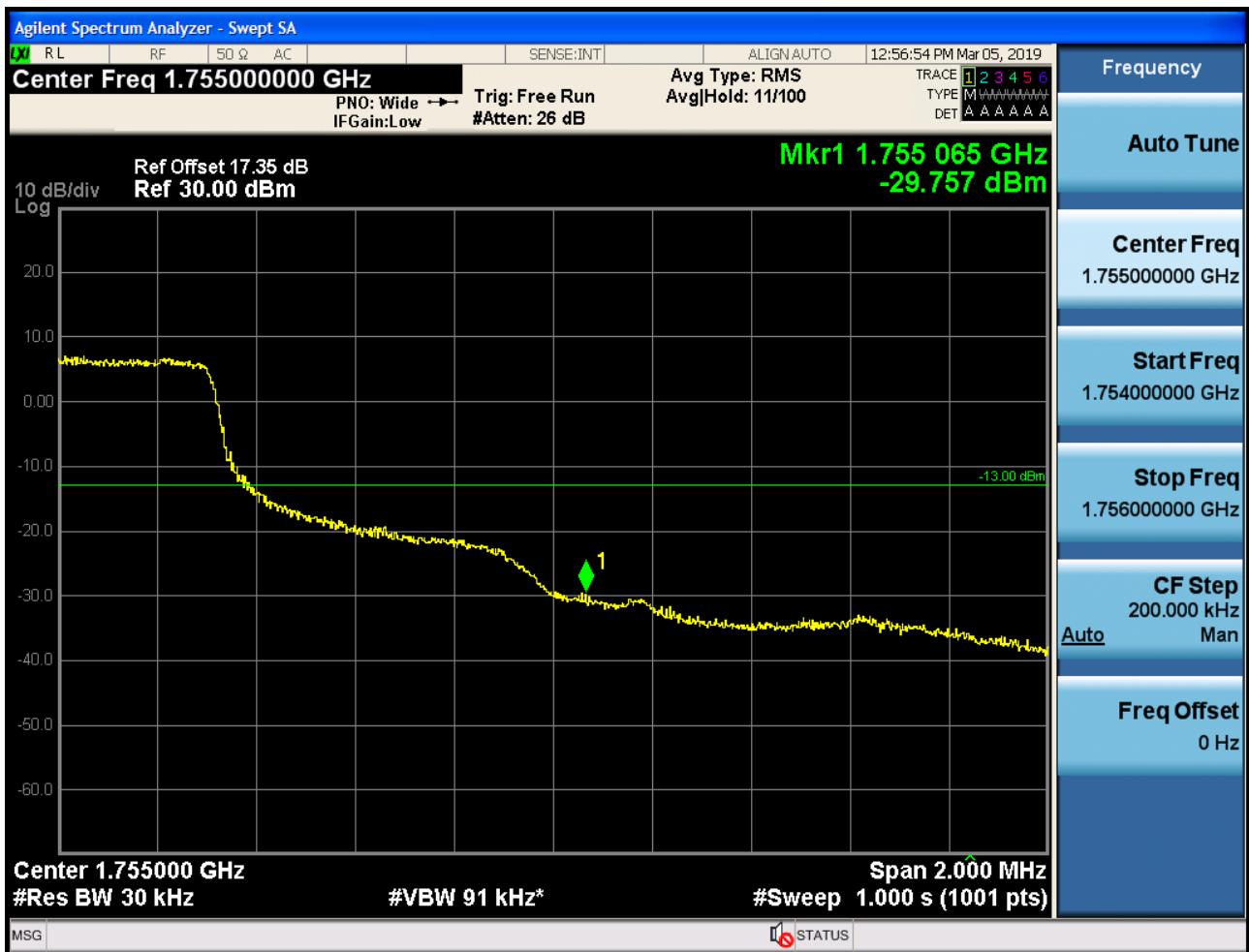
5.1.1.1.2.2.1 Test RB = RB1#0



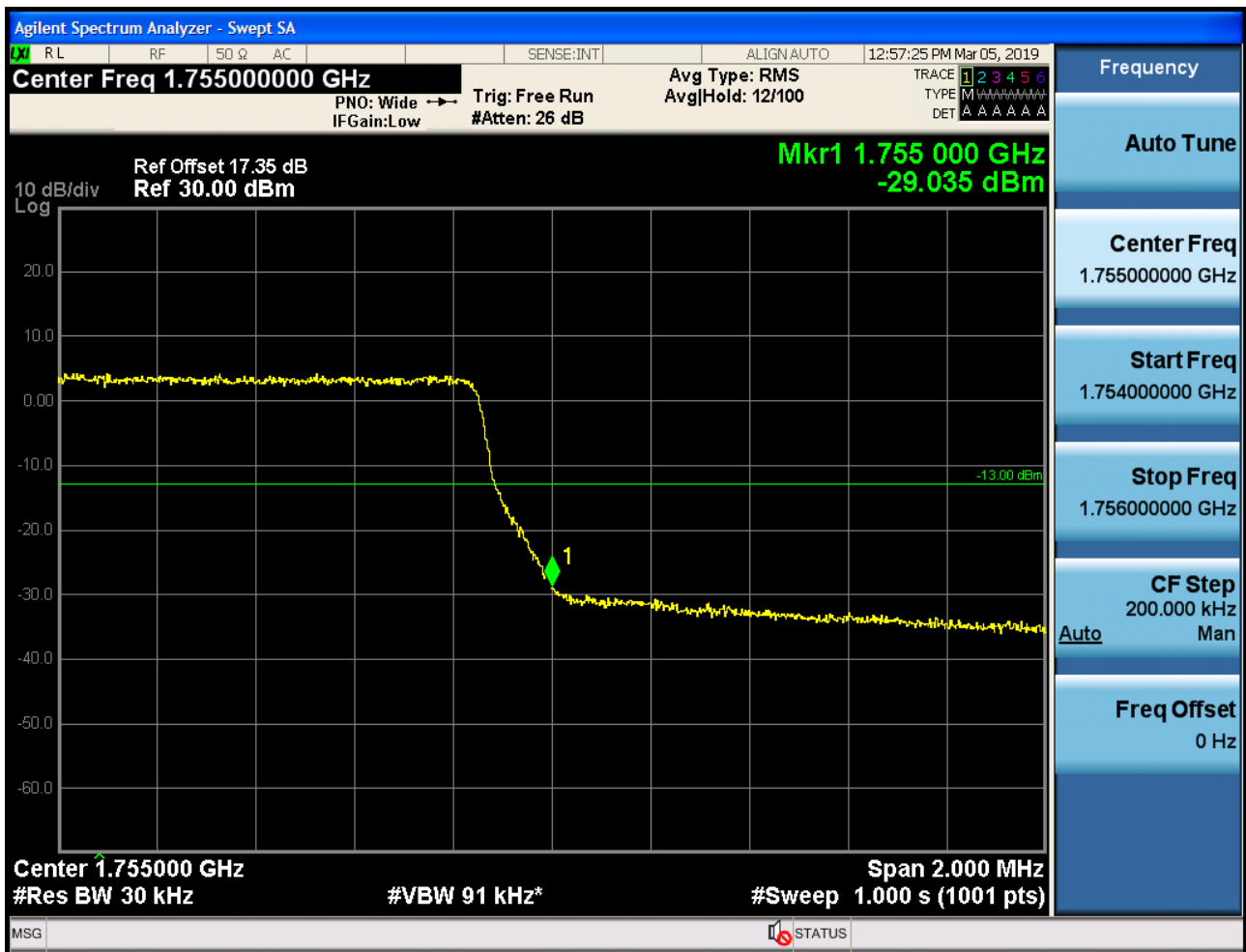
5.1.1.1.2.2.2 Test RB = RB1#14



5.1.1.1.2.3 Test RB = RB8#4



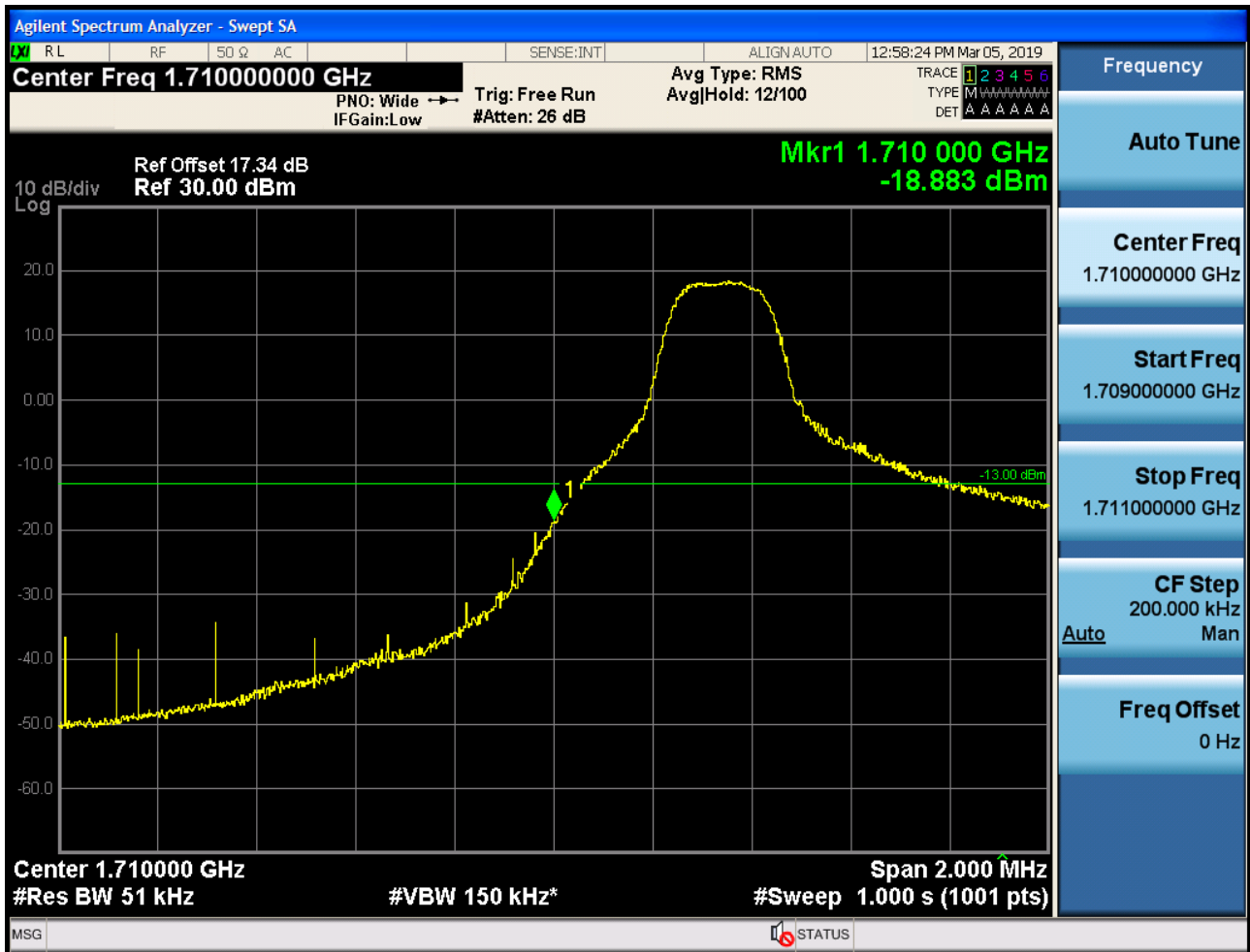
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

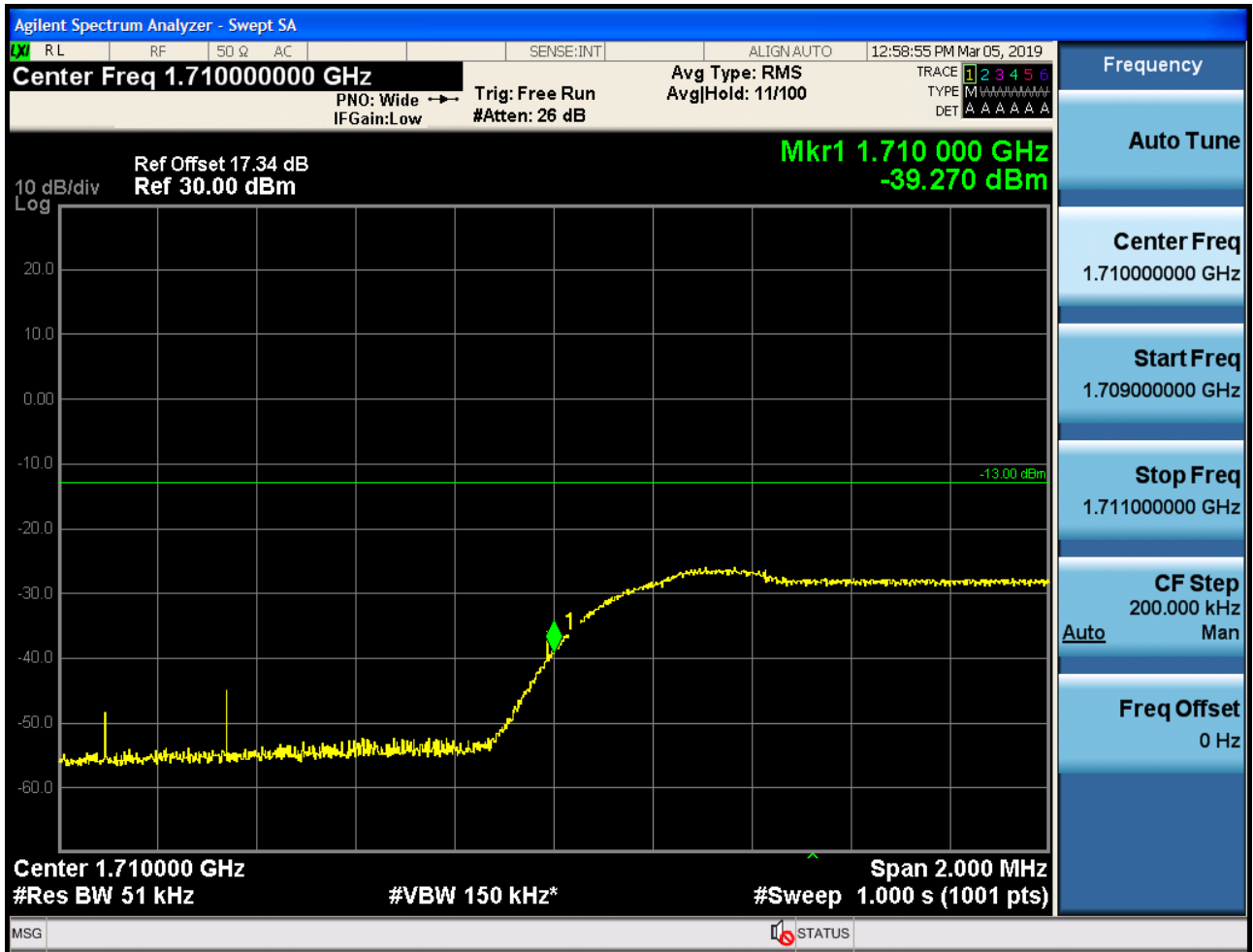
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





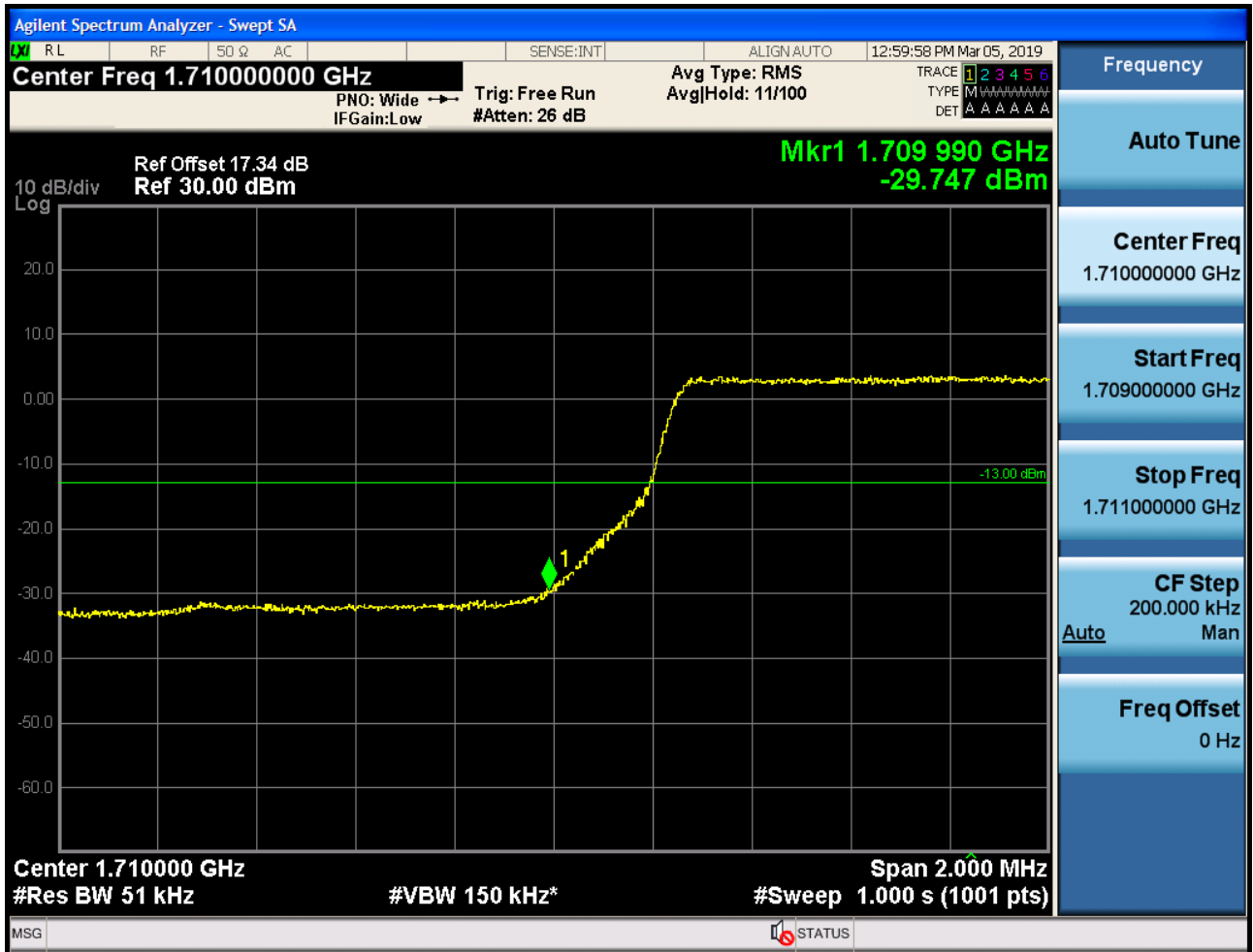
5.1.1.1.3.1.2 Test RB = RB1#24



5.1.1.1.3.1.3 Test RB = RB12#6

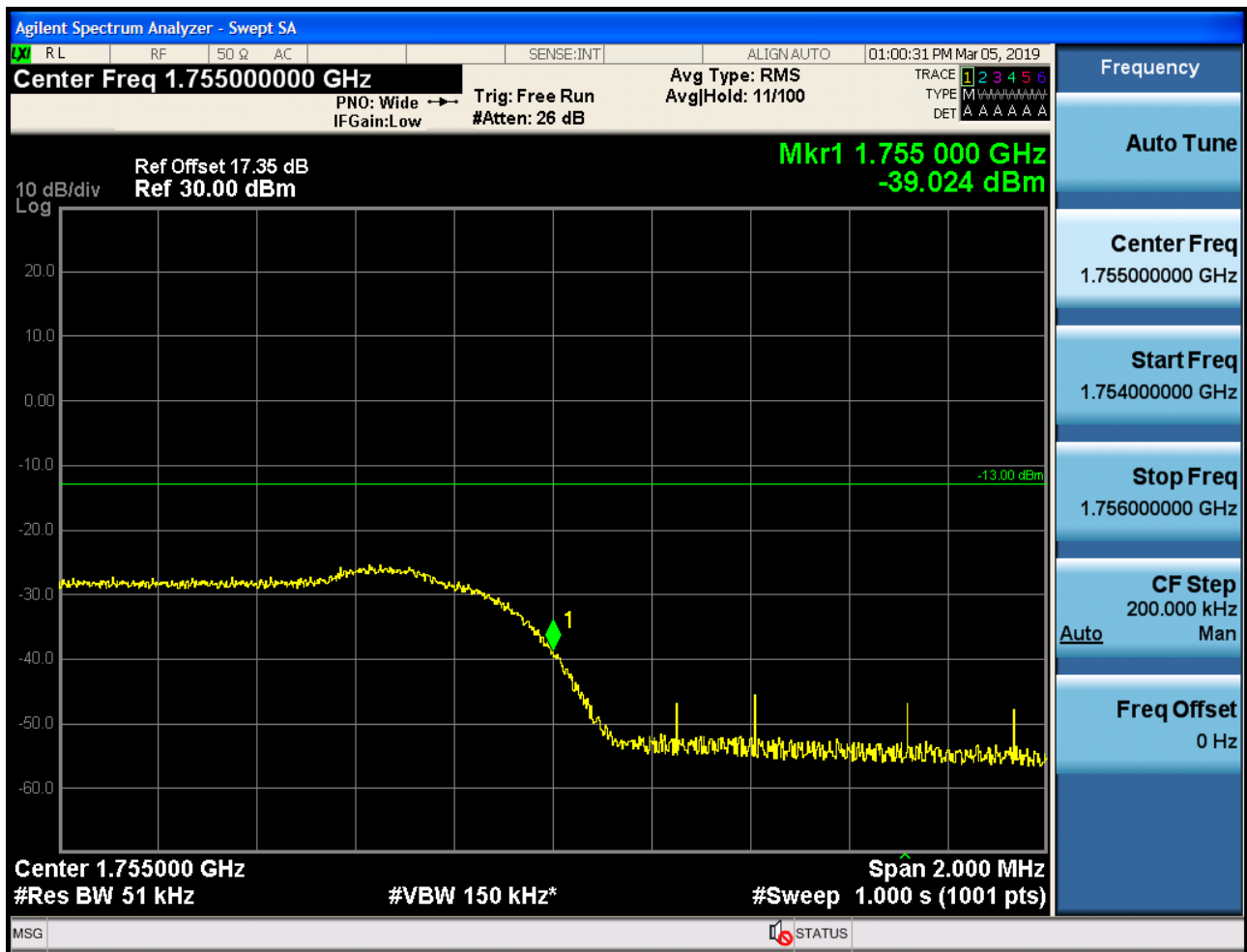


5.1.1.1.3.1.4 Test RB = RB25#0

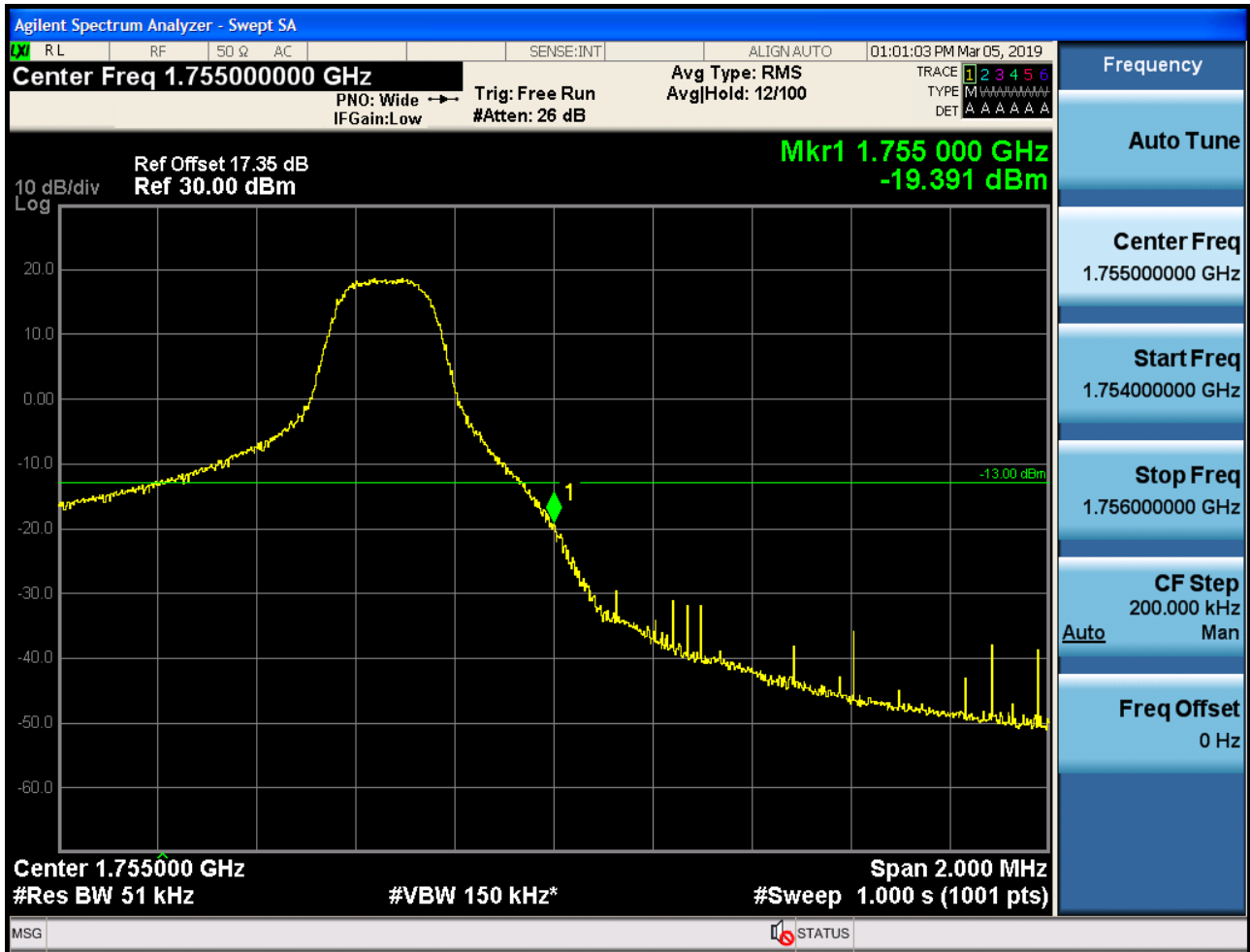


5.1.1.1.3.2 Test Channel = HCH

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





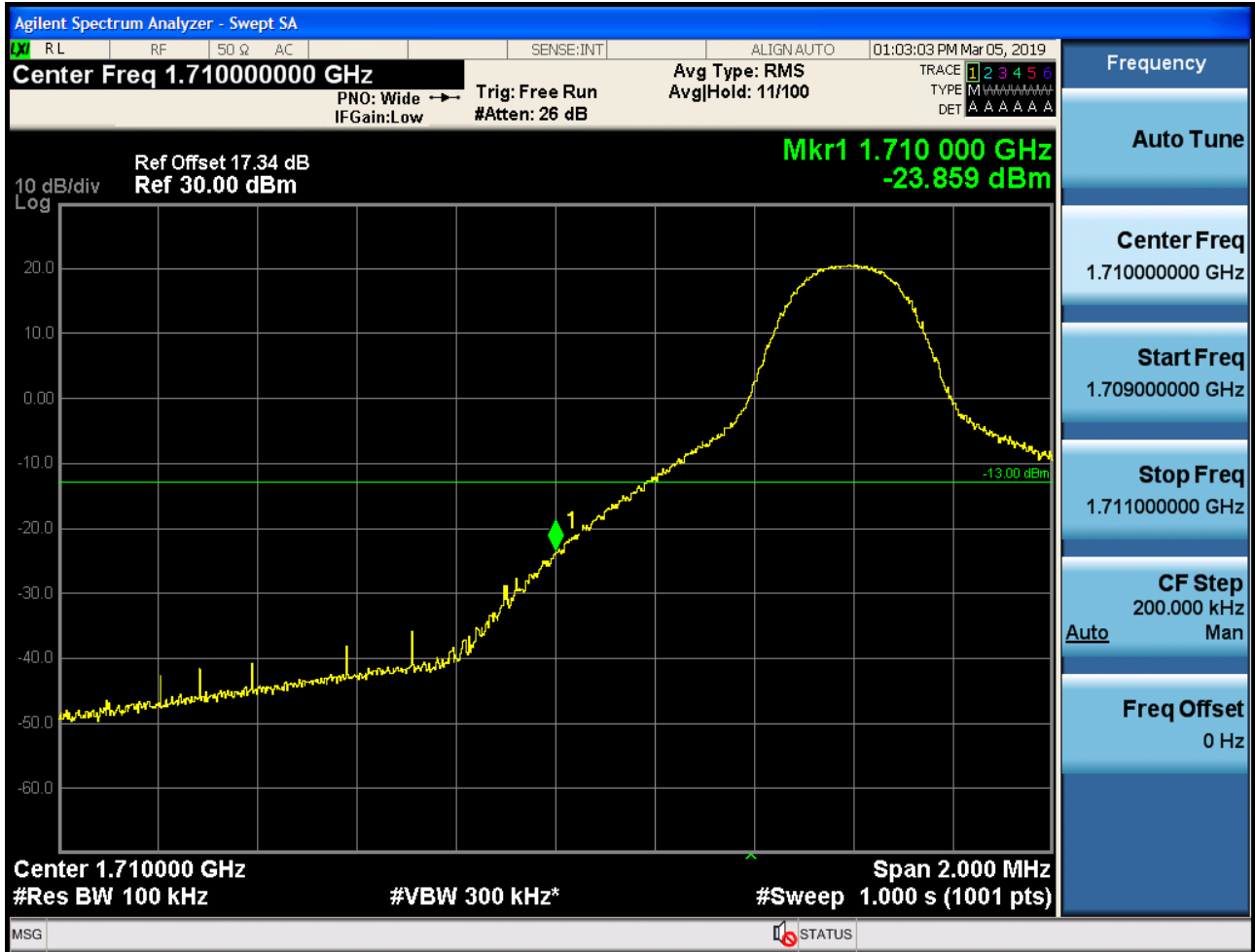
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

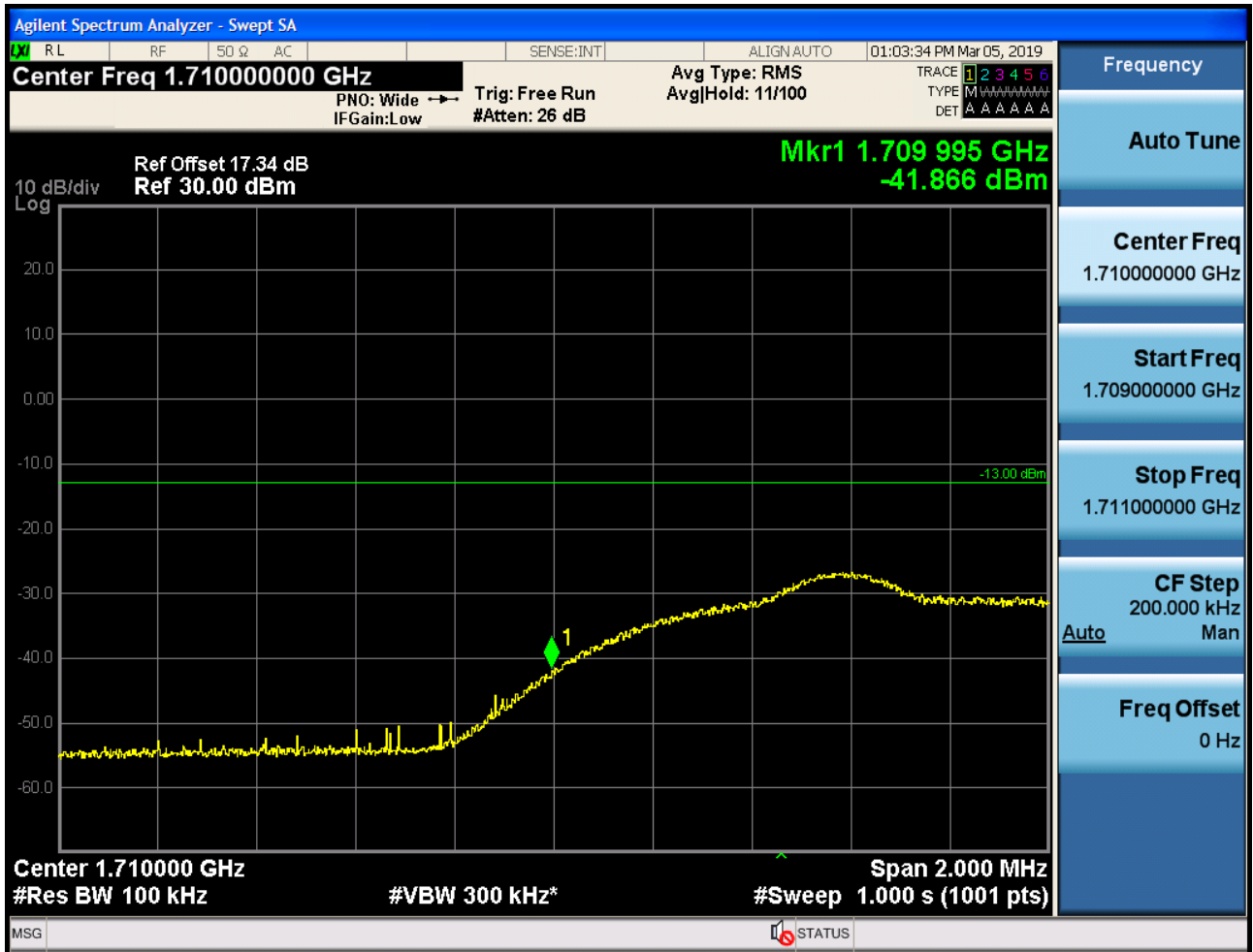
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0



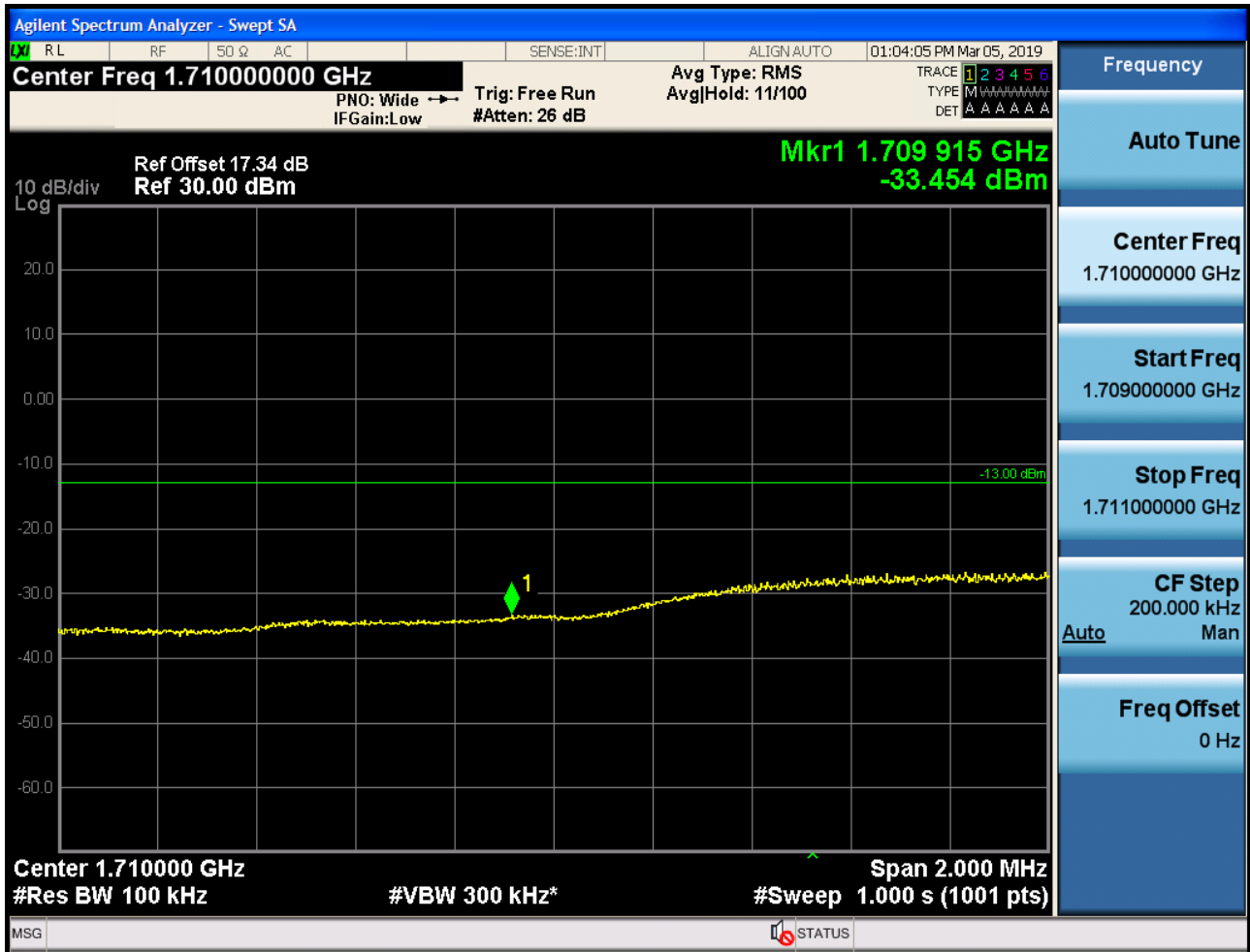


5.1.1.1.4.1.2 Test RB = RB1#49

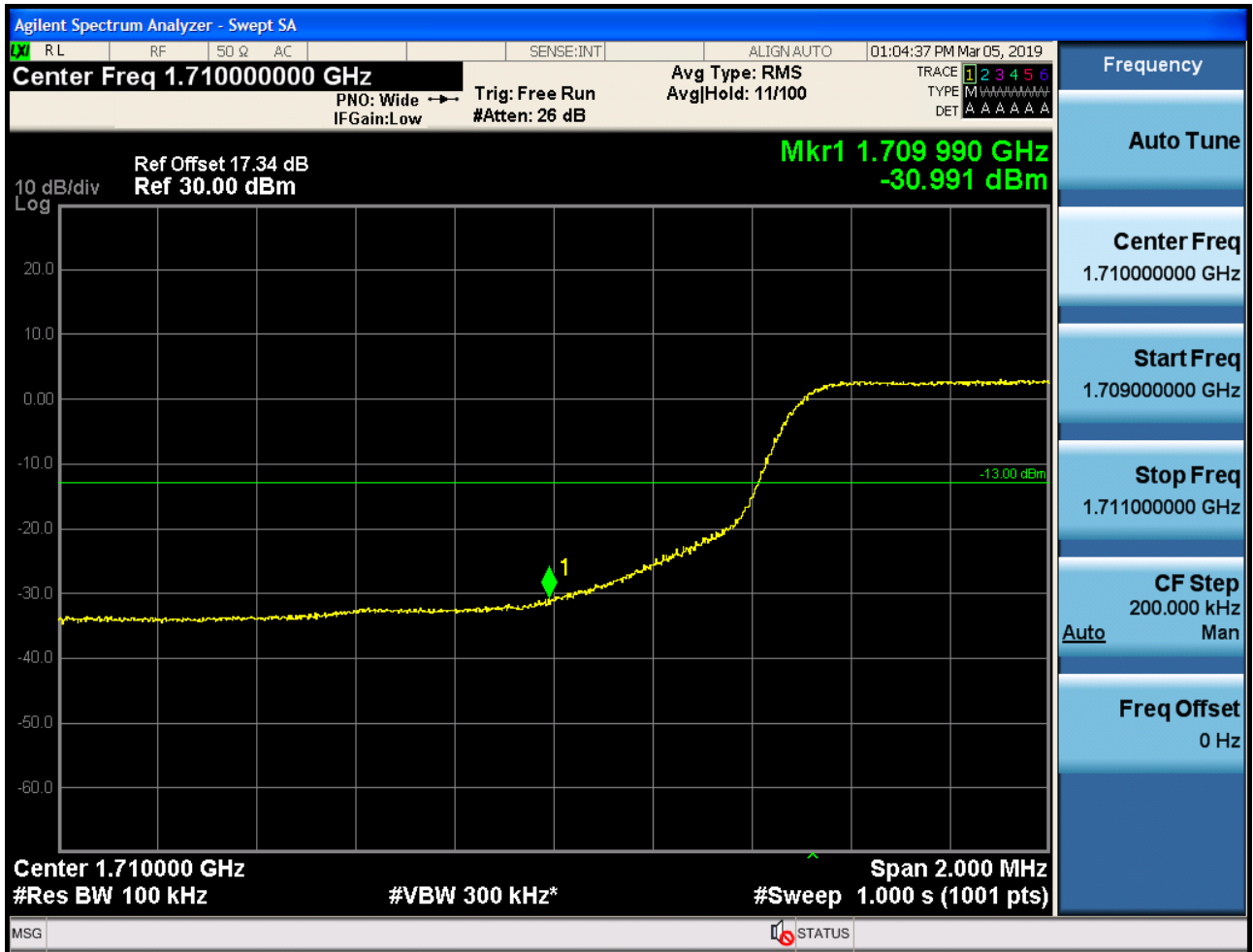




5.1.1.1.4.1.3 Test RB = RB25#13



5.1.1.1.4.1.4 Test RB = RB50#0

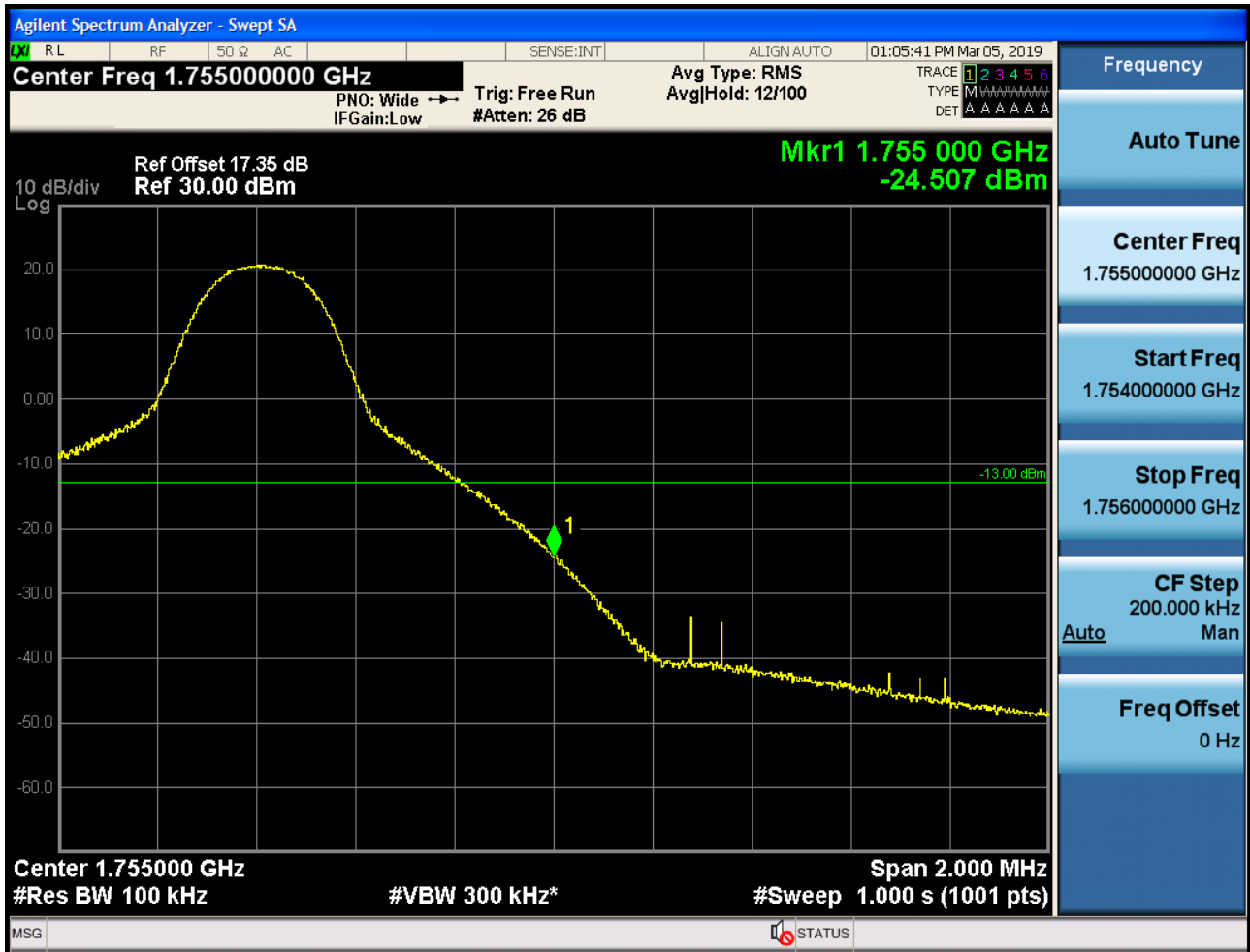


5.1.1.1.4.2 Test Channel = HCH

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



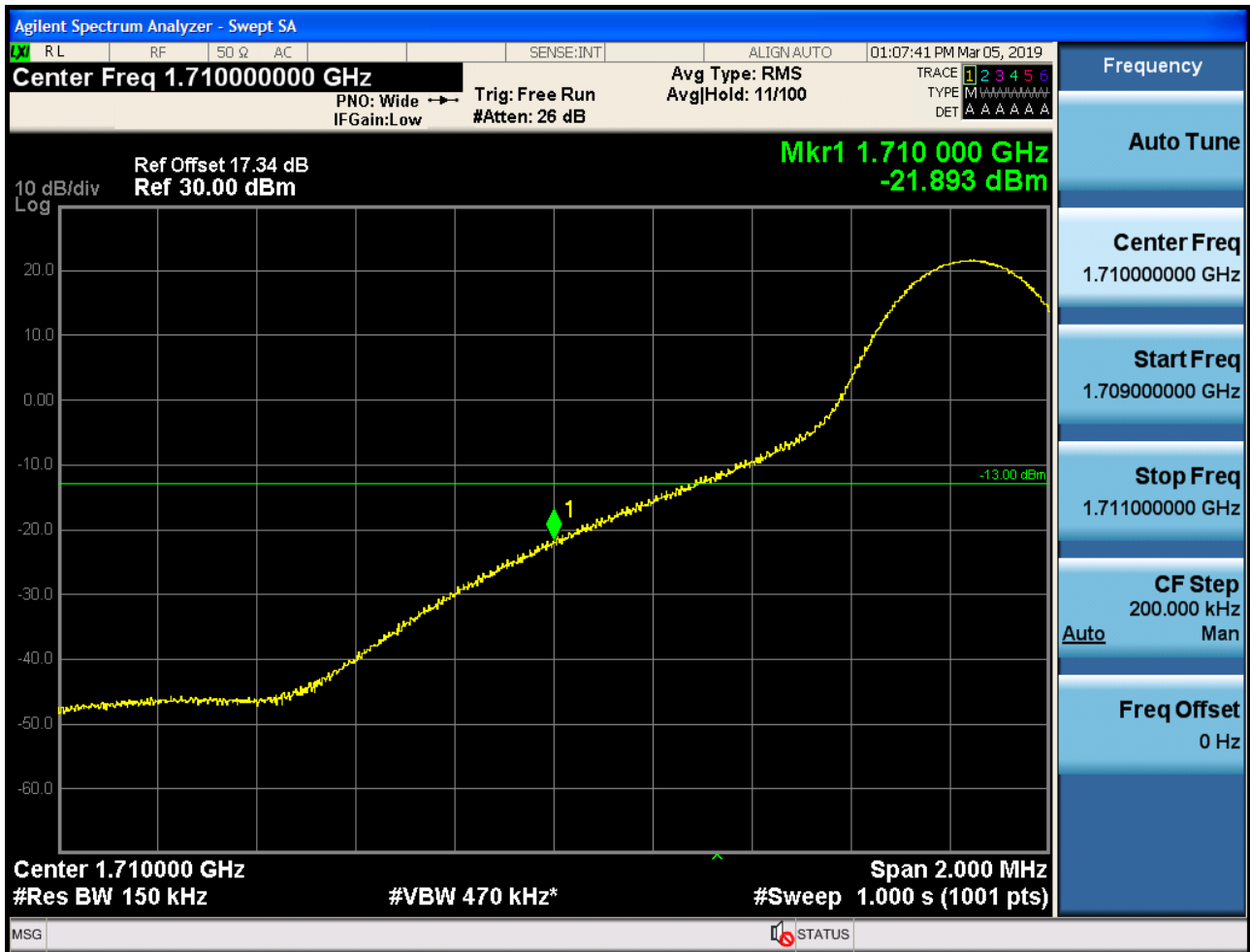
5.1.1.1.4.2.4 Test RB = RB50#0



5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



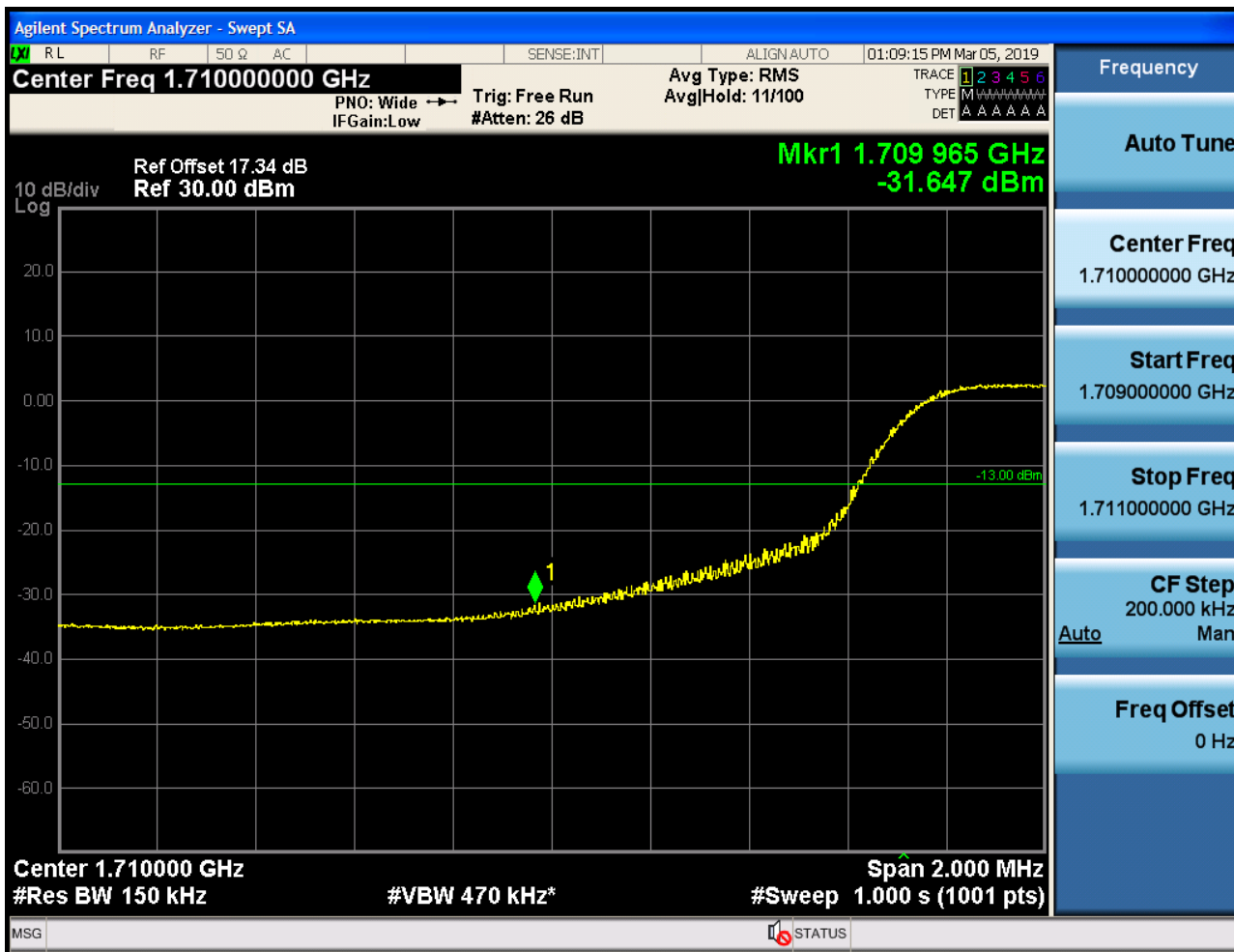
5.1.1.1.5.1.2 Test RB = RB1#74



5.1.1.1.5.1.3 Test RB = RB38#19



5.1.1.1.5.1.4 Test RB = RB75#0



5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0



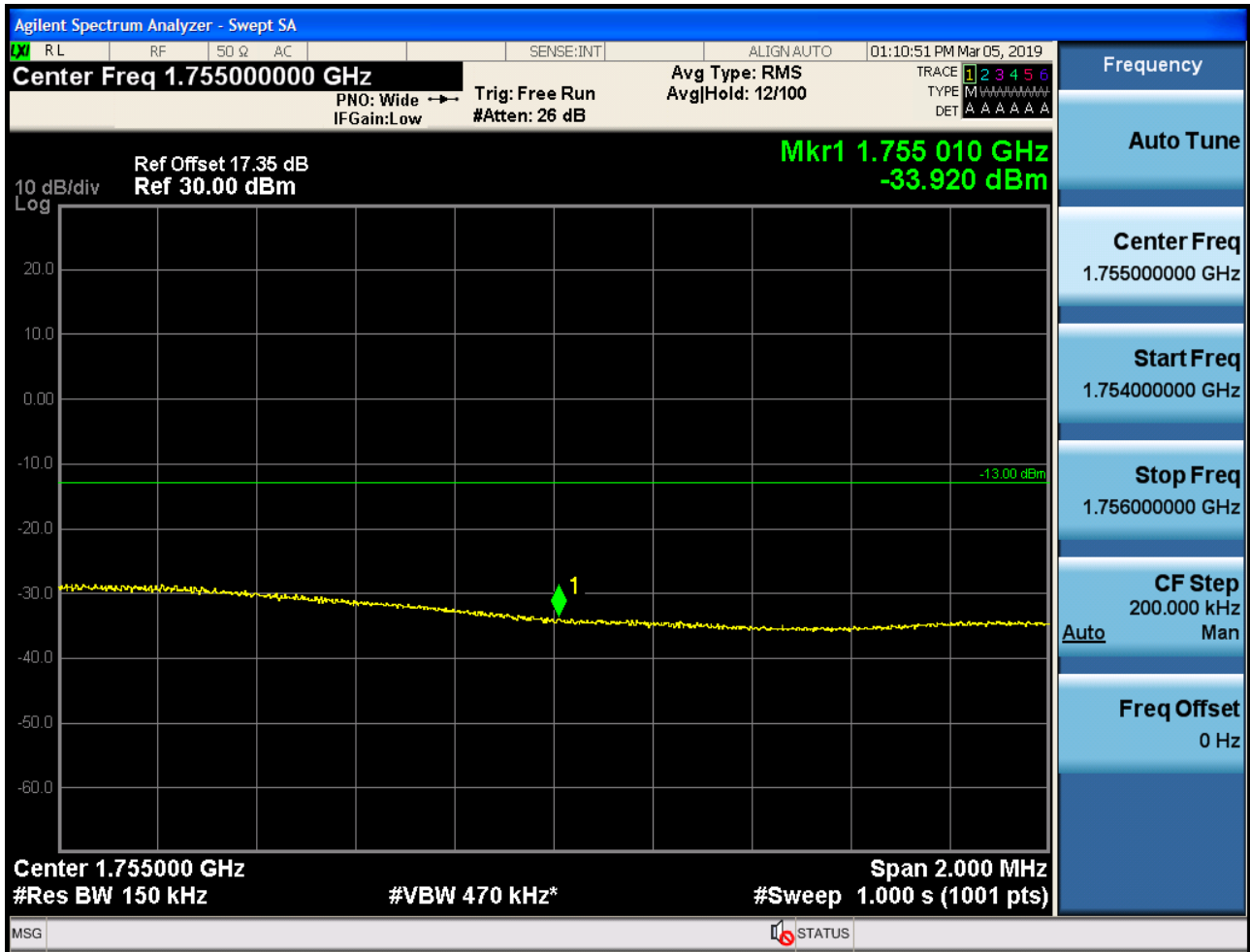


5.1.1.1.5.2.2 Test RB = RB1#74

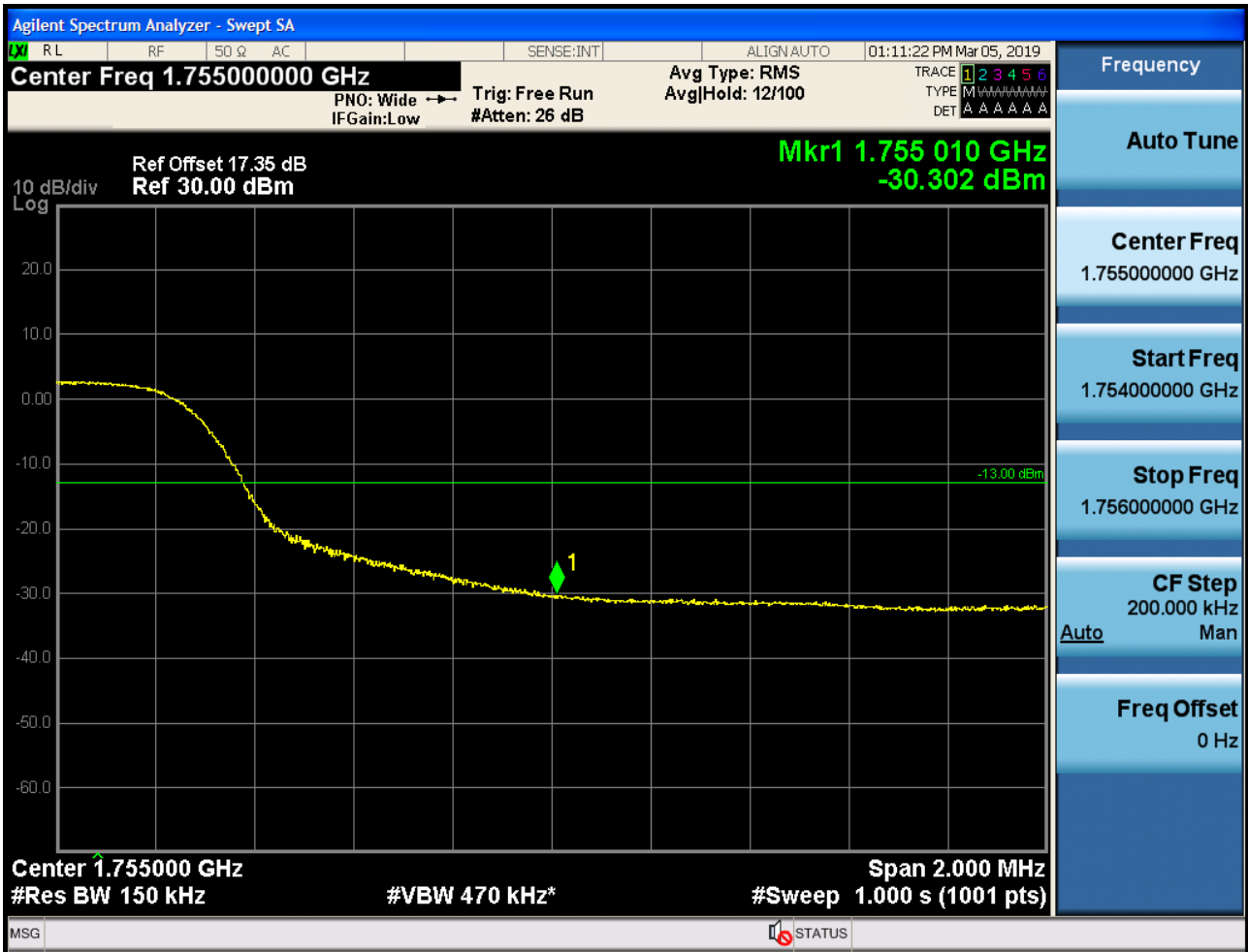




5.1.1.1.5.2.3 Test RB = RB38#19



5.1.1.1.5.2.4 Test RB = RB75#0

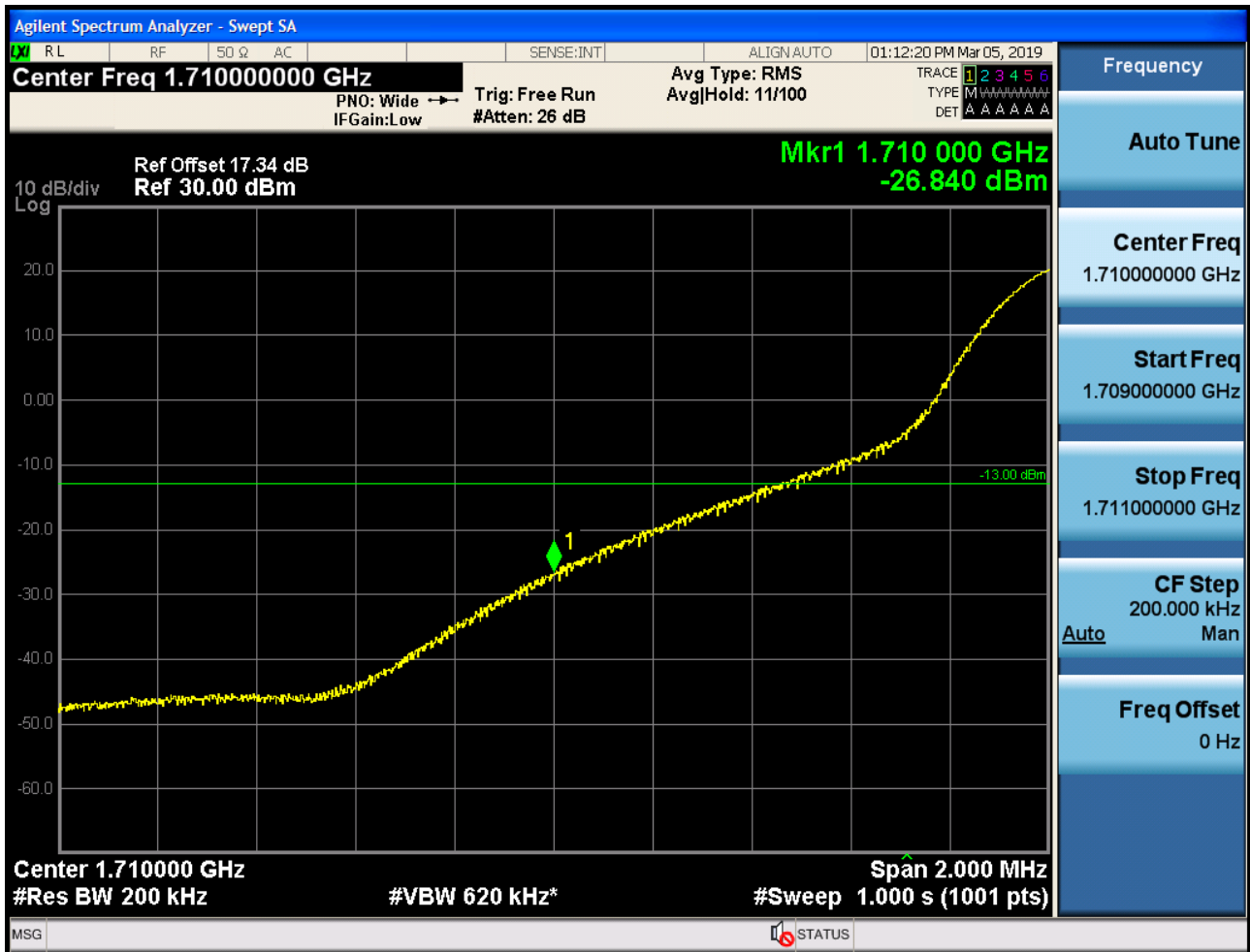




5.1.1.1.6 Test Bandwidth = 20

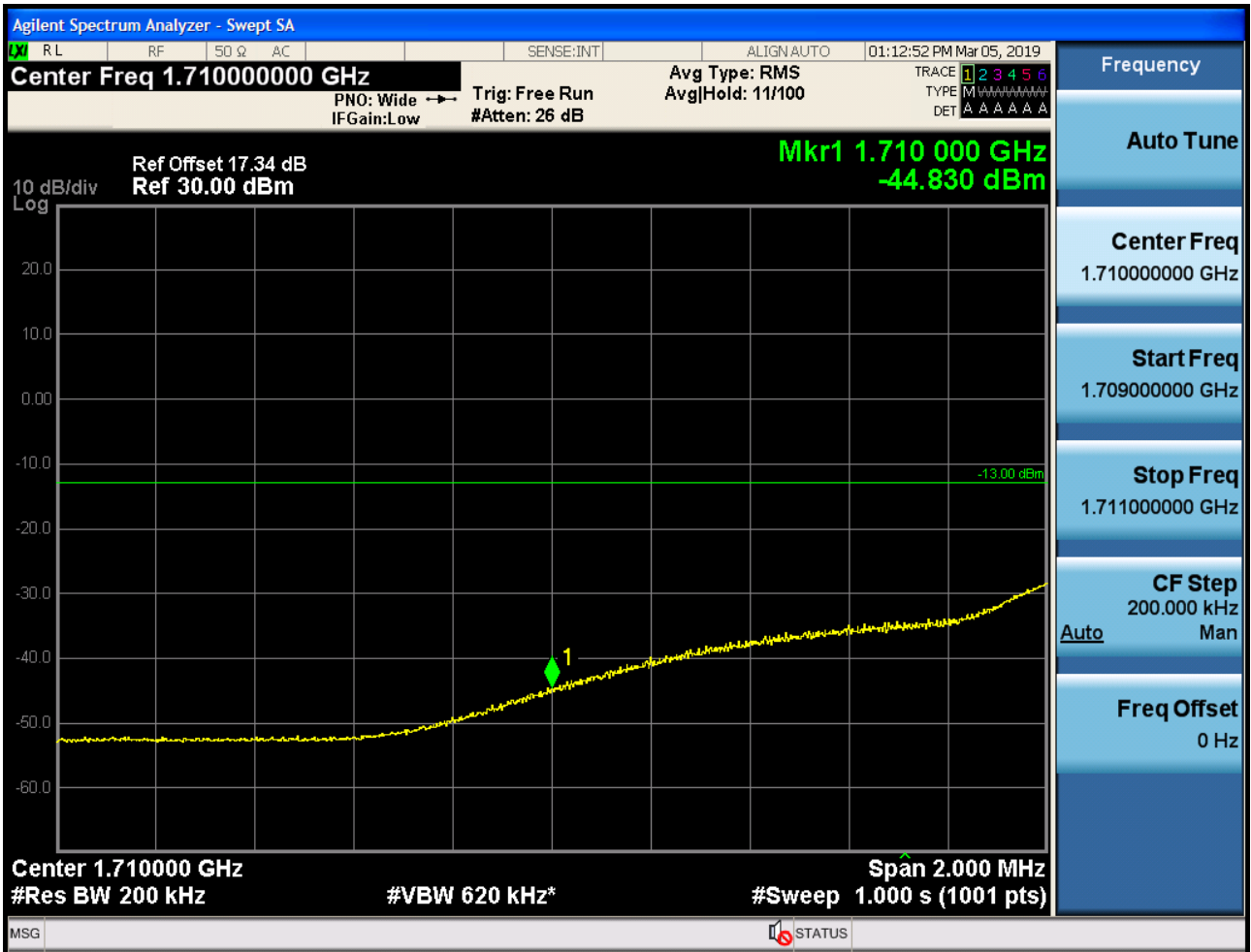
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0





5.1.1.1.6.1.2 Test RB = RB1#99





5.1.1.1.6.1.3 Test RB = RB50#25





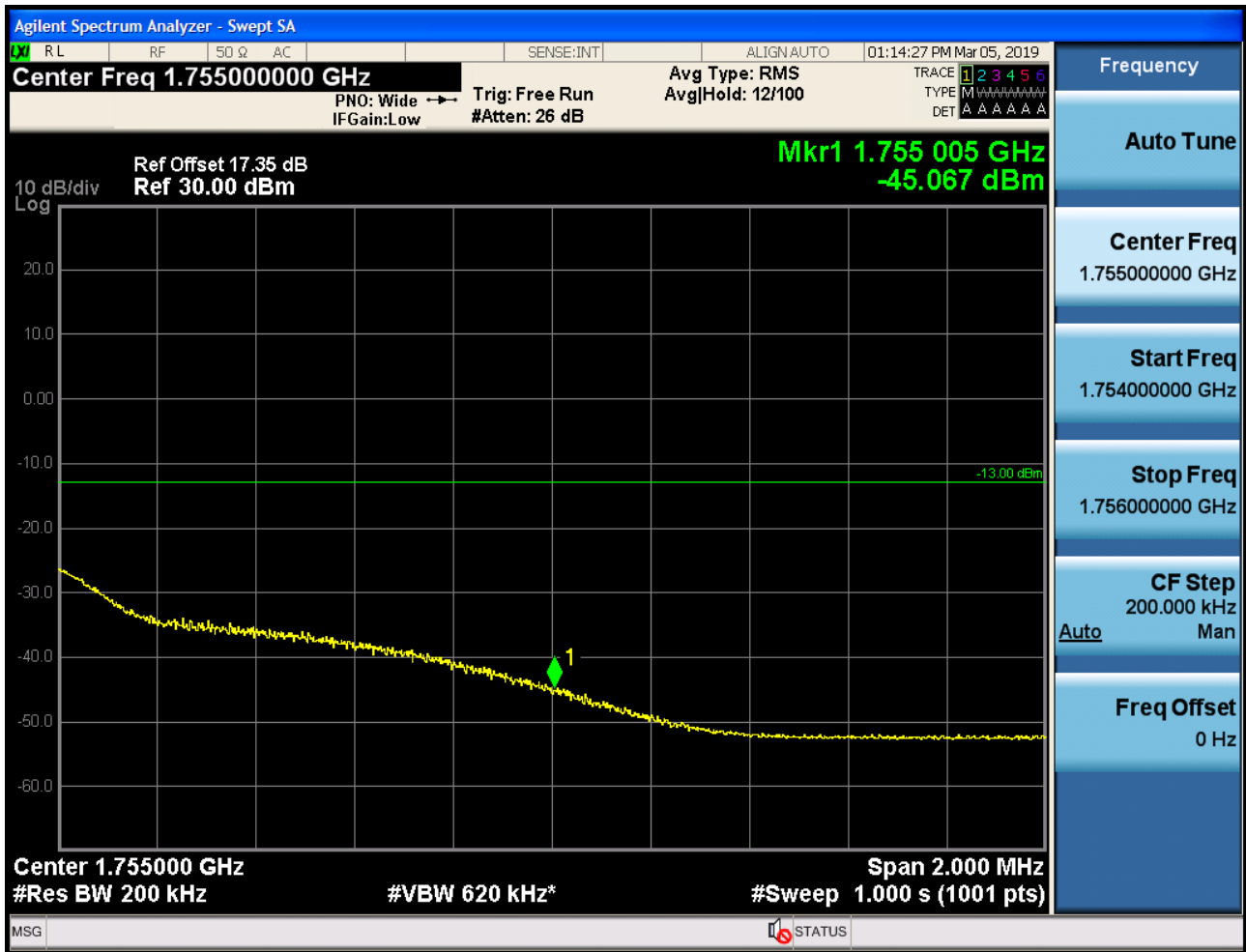
5.1.1.1.6.1.4 Test RB = RB100#0





5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0





5.1.1.1.6.2.2 Test RB = RB1#99

