



# 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
Band66	LTE/TM1	1.4	LCH	RB1#0	21.90	22.20	30	PASS
				RB1#3	22.39	22.69	30	PASS
				RB1#5	22.32	22.62	30	PASS
				RB3#0	22.09	22.39	30	PASS
				RB3#2	22.25	22.55	30	PASS
				RB3#3	22.24	22.54	30	PASS
				RB6#0	21.24	21.54	30	PASS
			MCH	RB1#0	22.38	22.68	30	PASS
				RB1#3	22.47	22.77	30	PASS
				RB1#5	22.39	22.69	30	PASS
				RB3#0	22.48	22.78	30	PASS
				RB3#2	22.47	22.77	30	PASS
				RB3#3	22.46	22.76	30	PASS
				RB6#0	21.48	21.78	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
			HCH	RB1#0	21.99	22.29	30	PASS	
				RB1#3	22.14	22.44	30	PASS	
				RB1#5	22.30	22.60	30	PASS	
				RB3#0	22.13	22.43	30	PASS	
				RB3#2	22.27	22.57	30	PASS	
				RB3#3	22.27	22.57	30	PASS	
				RB6#0	21.26	21.56	30	PASS	
		3	LCH	RB1#0	21.64	21.94	30	PASS	
				RB1#7	22.58	22.88	30	PASS	
				RB1#14	22.45	22.75	30	PASS	
				RB8#0	21.16	21.46	30	PASS	
				RB8#4	21.45	21.75	30	PASS	
				RB8#7	21.50	21.80	30	PASS	
				RB15#0	21.32	21.62	30	PASS	
				MCH	RB1#0	21.87	22.17	30	PASS
					RB1#7	22.30	22.60	30	PASS
		RB1#14	22.05		22.35	30	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.18	21.48	30	PASS	
				RB8#4	21.28	21.58	30	PASS	
				RB8#7	21.29	21.59	30	PASS	
				RB15#0	21.18	21.48	30	PASS	
			HCH	RB1#0	21.61	21.91	30	PASS	
				RB1#7	22.16	22.46	30	PASS	
				RB1#14	21.98	22.28	30	PASS	
				RB8#0	21.02	21.32	30	PASS	
				RB8#4	21.17	21.47	30	PASS	
				RB8#7	21.09	21.39	30	PASS	
				RB15#0	21.07	21.37	30	PASS	
			5	LCH	RB1#0	22.49	22.79	30	PASS
					RB1#13	23.02	23.32	30	PASS
					RB1#24	22.82	23.12	30	PASS
		RB12#0			21.65	21.95	30	PASS	
		RB12#6			22.04	22.34	30	PASS	
		RB12#13			22.00	22.30	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.82	22.12	30	PASS
			MCH	RB1#0	22.83	23.13	30	PASS
				RB1#13	23.06	23.36	30	PASS
				RB1#24	22.77	23.07	30	PASS
				RB12#0	21.88	22.18	30	PASS
				RB12#6	22.09	22.39	30	PASS
				RB12#13	21.92	22.22	30	PASS
				RB25#0	21.90	22.20	30	PASS
				HCH	RB1#0	22.81	23.11	30
			RB1#13		23.02	23.32	30	PASS
			RB1#24		22.74	23.04	30	PASS
			RB12#0		21.77	22.07	30	PASS
			RB12#6		21.99	22.29	30	PASS
			RB12#13		21.91	22.21	30	PASS
			RB25#0		21.73	22.03	30	PASS
		10	LCH	RB1#0	22.27	22.57	30	PASS
				RB1#25	23.23	23.53	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.49	22.79	30	PASS
				RB25#0	21.69	21.99	30	PASS
				RB25#13	22.03	22.33	30	PASS
				RB25#25	21.84	22.14	30	PASS
				RB50#0	21.71	22.01	30	PASS
			MCH	RB1#0	22.68	22.98	30	PASS
				RB1#25	23.08	23.38	30	PASS
				RB1#49	22.52	22.82	30	PASS
				RB25#0	21.72	22.02	30	PASS
				RB25#13	21.91	22.21	30	PASS
				RB25#25	21.84	22.14	30	PASS
				RB50#0	21.86	22.16	30	PASS
			HCH	RB1#0	22.33	22.63	30	PASS
				RB1#25	23.19	23.49	30	PASS
				RB1#49	22.52	22.82	30	PASS
				RB25#0	21.54	21.84	30	PASS
				RB25#13	21.86	22.16	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.78	22.08	30	PASS
				RB50#0	21.59	21.89	30	PASS
		15	LCH	RB1#0	22.51	22.81	30	PASS
				RB1#38	22.49	22.79	30	PASS
				RB1#74	22.97	23.27	30	PASS
				RB38#0	21.38	21.68	30	PASS
				RB38#19	21.38	21.68	30	PASS
				RB38#39	21.47	21.77	30	PASS
				RB75#0	21.43	21.73	30	PASS
				MCH	RB1#0	22.88	23.18	30
		RB1#38	22.62		22.92	30	PASS	
		RB1#74	22.93		23.23	30	PASS	
		RB38#0	21.61		21.91	30	PASS	
		RB38#19	21.57		21.87	30	PASS	
		RB38#39	21.58		21.88	30	PASS	
HCH	RB75#0	21.52	21.82	30	PASS			
		HCH	RB1#0	22.39	22.69	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.61	22.91	30	PASS
				RB1#74	23.07	23.37	30	PASS
				RB38#0	21.31	21.61	30	PASS
				RB38#19	21.58	21.88	30	PASS
				RB38#39	21.62	21.92	30	PASS
				RB75#0	21.37	21.67	30	PASS
		20	LCH	RB1#0	22.84	23.14	30	PASS
				RB1#50	22.29	22.59	30	PASS
				RB1#99	22.84	23.14	30	PASS
				RB50#0	21.53	21.83	30	PASS
				RB50#25	21.30	21.60	30	PASS
				RB50#50	21.66	21.96	30	PASS
				RB100#0	21.66	21.96	30	PASS
				MCH	RB1#0	23.15	23.45	30
		RB1#50	22.64		22.94	30	PASS	
		RB1#99	22.84		23.14	30	PASS	
RB50#0	22.00	22.30	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.69	21.99	30	PASS
				RB50#50	21.78	22.08	30	PASS
				RB100#0	21.89	22.19	30	PASS
			HCH	RB1#0	22.54	22.84	30	PASS
				RB1#50	22.52	22.82	30	PASS
				RB1#99	22.88	23.18	30	PASS
				RB50#0	21.48	21.78	30	PASS
				RB50#25	21.53	21.83	30	PASS
				RB50#50	21.85	22.15	30	PASS
				RB100#0	21.68	21.98	30	PASS
				LCH	RB1#0	21.16	21.46	30
			RB1#3		21.34	21.64	30	PASS
			RB1#5		21.40	21.70	30	PASS
			RB3#0		21.30	21.60	30	PASS
			RB3#2		21.46	21.76	30	PASS
RB3#3	21.46	21.76	30		PASS			
RB6#0	20.30	20.60	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.92	22.22	30	PASS
				RB1#3	21.76	22.06	30	PASS
				RB1#5	21.67	21.97	30	PASS
				RB3#0	21.61	21.91	30	PASS
				RB3#2	21.52	21.82	30	PASS
				RB3#3	21.56	21.86	30	PASS
			RB6#0	20.50	20.80	30	PASS	
			HCH	RB1#0	20.97	21.27	30	PASS
				RB1#3	21.57	21.87	30	PASS
				RB1#5	21.54	21.84	30	PASS
				RB3#0	21.16	21.46	30	PASS
				RB3#2	21.29	21.59	30	PASS
		RB3#3		21.29	21.59	30	PASS	
		3	LCH	RB1#0	20.53	20.83	30	PASS
				RB1#7	21.77	22.07	30	PASS
				RB1#14	21.54	21.84	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.10	20.40	30	PASS
				RB8#4	20.38	20.68	30	PASS
				RB8#7	20.43	20.73	30	PASS
				RB15#0	20.28	20.58	30	PASS
			MCH	RB1#0	21.16	21.46	30	PASS
				RB1#7	21.90	22.20	30	PASS
				RB1#14	21.39	21.69	30	PASS
				RB8#0	20.31	20.61	30	PASS
				RB8#4	20.42	20.72	30	PASS
				RB8#7	20.41	20.71	30	PASS
				RB15#0	20.24	20.54	30	PASS
			HCH	RB1#0	20.91	21.21	30	PASS
				RB1#7	21.44	21.74	30	PASS
				RB1#14	21.22	21.52	30	PASS
				RB8#0	20.10	20.40	30	PASS
				RB8#4	20.20	20.50	30	PASS
				RB8#7	20.18	20.48	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.05	20.35	30	PASS
		5	LCH	RB1#0	21.91	22.21	30	PASS
				RB1#13	22.43	22.73	30	PASS
				RB1#24	22.27	22.57	30	PASS
				RB12#0	20.72	21.02	30	PASS
				RB12#6	21.14	21.44	30	PASS
				RB12#13	21.06	21.36	30	PASS
				RB25#0	20.86	21.16	30	PASS
				MCH	RB1#0	22.06	22.36	30
			RB1#13		22.23	22.53	30	PASS
			RB1#24		21.94	22.24	30	PASS
			RB12#0		20.97	21.27	30	PASS
			RB12#6		21.16	21.46	30	PASS
			RB12#13		20.99	21.29	30	PASS
			RB25#0		20.94	21.24	30	PASS
			HCH	RB1#0	22.08	22.38	30	PASS
		RB1#13		22.16	22.46	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	22.00	22.30	30	PASS
				RB12#0	20.85	21.15	30	PASS
				RB12#6	21.05	21.35	30	PASS
				RB12#13	20.97	21.27	30	PASS
				RB25#0	20.75	21.05	30	PASS
		10	LCH	RB1#0	21.67	21.97	30	PASS
				RB1#25	22.46	22.76	30	PASS
				RB1#49	21.82	22.12	30	PASS
				RB25#0	20.77	21.07	30	PASS
				RB25#13	21.09	21.39	30	PASS
				RB25#25	20.91	21.21	30	PASS
				RB50#0	20.68	20.98	30	PASS
		MCH	RB1#0	22.08	22.38	30	PASS	
			RB1#25	22.45	22.75	30	PASS	
			RB1#49	21.92	22.22	30	PASS	
			RB25#0	20.76	21.06	30	PASS	
			RB25#13	20.94	21.24	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.87	21.17	30	PASS
				RB50#0	20.88	21.18	30	PASS
			HCH	RB1#0	21.58	21.88	30	PASS
				RB1#25	22.41	22.71	30	PASS
				RB1#49	21.76	22.06	30	PASS
				RB25#0	20.55	20.85	30	PASS
				RB25#13	20.86	21.16	30	PASS
				RB25#25	20.80	21.10	30	PASS
				RB50#0	20.63	20.93	30	PASS
		15	LCH	RB1#0	21.91	22.21	30	PASS
				RB1#38	21.77	22.07	30	PASS
				RB1#74	22.36	22.66	30	PASS
				RB38#0	20.41	20.71	30	PASS
				RB38#19	20.41	20.71	30	PASS
				RB38#39	20.50	20.80	30	PASS
				RB75#0	20.44	20.74	30	PASS
			MCH	RB1#0	22.12	22.42	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.94	22.24	30	PASS
				RB1#74	22.20	22.50	30	PASS
				RB38#0	20.66	20.96	30	PASS
				RB38#19	20.60	20.90	30	PASS
				RB38#39	20.46	20.76	30	PASS
				RB75#0	20.48	20.78	30	PASS
			HCH	RB1#0	21.73	22.03	30	PASS
				RB1#38	21.92	22.22	30	PASS
				RB1#74	22.41	22.71	30	PASS
				RB38#0	20.37	20.67	30	PASS
				RB38#19	20.63	20.93	30	PASS
				RB38#39	20.69	20.99	30	PASS
		20	LCH	RB1#0	22.27	22.57	30	PASS
				RB1#50	21.56	21.86	30	PASS
				RB1#99	22.15	22.45	30	PASS
				RB50#0	20.55	20.85	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.31	20.61	30	PASS
				RB50#50	20.69	20.99	30	PASS
				RB100#0	20.68	20.98	30	PASS
			MCH	RB1#0	22.63	22.93	30	PASS
				RB1#50	22.08	22.38	30	PASS
				RB1#99	22.35	22.65	30	PASS
				RB50#0	21.01	21.31	30	PASS
				RB50#25	20.65	20.95	30	PASS
				RB50#50	20.48	20.78	30	PASS
				RB100#0	20.92	21.22	30	PASS
			HCH	RB1#0	21.86	22.16	30	PASS
				RB1#50	21.76	22.06	30	PASS
				RB1#99	22.20	22.50	30	PASS
				RB50#0	20.53	20.83	30	PASS
				RB50#25	20.56	20.86	30	PASS
RB50#50	20.89	21.19		30	PASS			
RB100#0	20.72	21.02		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:

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

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

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

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
Band66	LTE/TM1	1.4	LCH	RB1#0	4.48	13	PASS
				RB1#3	4.19	13	PASS
				RB1#5	4.36	13	PASS
				RB3#0	5.13	13	PASS
				RB3#2	4.95	13	PASS
				RB3#3	5.01	13	PASS
			RB6#0	5.47	13	PASS	
			MCH	RB1#0	5.15	13	PASS
				RB1#3	4.98	13	PASS
				RB1#5	4.88	13	PASS
				RB3#0	5.02	13	PASS
				RB3#2	5.07	13	PASS
		RB3#3		5.21	13	PASS	
		HCH	RB6#0	5.87	13	PASS	
			RB1#0	4.30	13	PASS	
			RB1#3	4.94	13	PASS	
			RB1#5	4.97	13	PASS	
			RB3#0	5.06	13	PASS	
			RB3#2	4.94	13	PASS	
		3	LCH	RB3#3	5.11	13	PASS
				RB6#0	5.92	13	PASS
				RB1#0	5.09	13	PASS
				RB1#7	4.18	13	PASS
				RB1#14	4.17	13	PASS
RB8#0	5.76			13	PASS		
MCH	RB8#4		5.57	13	PASS		
	RB8#7		5.64	13	PASS		
	RB15#0		5.86	13	PASS		
	RB1#0		4.81	13	PASS		
	RB1#7		4.62	13	PASS		
	RB1#14		4.73	13	PASS		
RB8#0	5.83	13	PASS				
RB8#4	5.68	13	PASS				
RB8#7	5.72	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			HCH	RB15#0	5.82	13	PASS	
				RB1#0	4.77	13	PASS	
				RB1#7	4.66	13	PASS	
				RB1#14	4.08	13	PASS	
				RB8#0	5.80	13	PASS	
				RB8#4	5.75	13	PASS	
				RB8#7	5.80	13	PASS	
				RB15#0	5.60	13	PASS	
		5	LCH		RB1#0	4.55	13	PASS
					RB1#13	3.92	13	PASS
					RB1#24	3.99	13	PASS
					RB12#0	5.64	13	PASS
					RB12#6	5.10	13	PASS
					RB12#13	5.07	13	PASS
					RB25#0	5.70	13	PASS
			MCH	RB1#0	4.81	13	PASS	
				RB1#13	4.59	13	PASS	
				RB1#24	4.71	13	PASS	
				RB12#0	5.80	13	PASS	
				RB12#6	5.53	13	PASS	
				RB12#13	5.72	13	PASS	
			HCH	RB25#0	5.97	13	PASS	
				RB1#0	4.49	13	PASS	
				RB1#13	4.28	13	PASS	
				RB1#24	4.27	13	PASS	
				RB12#0	5.98	13	PASS	
				RB12#6	5.65	13	PASS	
				RB12#13	5.89	13	PASS	
		10	LCH		RB25#0	5.99	13	PASS
					RB1#0	4.54	13	PASS
					RB1#25	3.79	13	PASS
					RB1#49	4.23	13	PASS
					RB25#0	5.77	13	PASS
					RB25#13	5.33	13	PASS
					RB25#25	5.64	13	PASS
			MCH	RB50#0	5.99	13	PASS	
RB1#0	4.67			13	PASS			
RB1#25	4.36			13	PASS			
				RB1#49	4.46	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.09	13	PASS
				RB25#13	5.82	13	PASS
				RB25#25	5.97	13	PASS
				RB50#0	6.16	13	PASS
			HCH	RB1#0	4.55	13	PASS
				RB1#25	4.27	13	PASS
				RB1#49	4.17	13	PASS
				RB25#0	6.07	13	PASS
				RB25#13	5.71	13	PASS
				RB25#25	5.87	13	PASS
				RB50#0	6.06	13	PASS
				LCH	RB1#0	4.54	13
			RB1#38		4.31	13	PASS
			RB1#74		3.86	13	PASS
		RB38#0	6.03		13	PASS	
		RB38#19	5.73		13	PASS	
		RB38#39	5.86		13	PASS	
		RB75#0	6.38		13	PASS	
		MCH	RB1#0	4.68	13	PASS	
			RB1#38	4.58	13	PASS	
			RB1#74	3.92	13	PASS	
			RB38#0	6.12	13	PASS	
			RB38#19	6.05	13	PASS	
			RB38#39	6.14	13	PASS	
			RB75#0	6.52	13	PASS	
		HCH	RB1#0	4.53	13	PASS	
			RB1#38	4.41	13	PASS	
			RB1#74	3.67	13	PASS	
			RB38#0	6.31	13	PASS	
			RB38#19	6.06	13	PASS	
			RB38#39	6.03	13	PASS	
			RB75#0	6.53	13	PASS	
20	LCH	RB1#0	4.25	13	PASS		
		RB1#50	4.41	13	PASS		
		RB1#99	3.67	13	PASS		
		RB50#0	5.93	13	PASS		
		RB50#25	5.92	13	PASS		
		RB50#50	5.88	13	PASS		
		RB100#0	6.41	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			MCH	RB1#0	4.55	13	PASS	
				RB1#50	4.44	13	PASS	
				RB1#99	3.66	13	PASS	
				RB50#0	6.07	13	PASS	
				RB50#25	6.08	13	PASS	
				RB50#50	6.02	13	PASS	
				RB100#0	6.41	13	PASS	
			HCH	RB1#0	4.89	13	PASS	
				RB1#50	4.73	13	PASS	
				RB1#99	3.35	13	PASS	
				RB50#0	6.39	13	PASS	
				RB50#25	6.25	13	PASS	
				RB50#50	5.90	13	PASS	
				RB100#0	6.47	13	PASS	
	LTE/TM2	1.4	LCH	RB1#0	5.43	13	PASS	
				RB1#3	5.42	13	PASS	
				RB1#5	5.43	13	PASS	
				RB3#0	5.90	13	PASS	
				RB3#2	5.94	13	PASS	
				RB3#3	5.81	13	PASS	
				RB6#0	6.44	13	PASS	
				MCH	RB1#0	5.03	13	PASS
					RB1#3	4.78	13	PASS
					RB1#5	4.98	13	PASS
					RB3#0	5.87	13	PASS
					RB3#2	6.14	13	PASS
					RB3#3	6.12	13	PASS
				HCH	RB1#0	6.08	13	PASS
			RB1#3		5.76	13	PASS	
			RB1#5		5.82	13	PASS	
			RB3#0		6.11	13	PASS	
			RB3#2		5.85	13	PASS	
RB3#3	5.84	13	PASS					
3	LCH	RB1#0	5.82	13	PASS			
		RB1#7	4.86	13	PASS			
		RB1#14	5.30	13	PASS			
		RB8#0	6.30	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	5.88	13	PASS	
				RB8#7	6.00	13	PASS	
				RB15#0	6.44	13	PASS	
			MCH	RB1#0	5.90	13	PASS	
				RB1#7	5.60	13	PASS	
				RB1#14	5.57	13	PASS	
				RB8#0	6.13	13	PASS	
				RB8#4	5.94	13	PASS	
				RB8#7	5.93	13	PASS	
				RB15#0	6.20	13	PASS	
				HCH	RB1#0	5.72	13	PASS
					RB1#7	5.64	13	PASS
			RB1#14		5.44	13	PASS	
			RB8#0		6.84	13	PASS	
			RB8#4		6.77	13	PASS	
			RB8#7		6.04	13	PASS	
			5	LCH	RB1#0	5.23	13	PASS
					RB1#13	4.55	13	PASS
		RB1#24			4.64	13	PASS	
		RB12#0			6.36	13	PASS	
		RB12#6			5.94	13	PASS	
		RB12#13			5.95	13	PASS	
		RB25#0			6.57	13	PASS	
		MCH		RB1#0	5.63	13	PASS	
				RB1#13	5.42	13	PASS	
				RB1#24	5.55	13	PASS	
				RB12#0	7.06	13	PASS	
				RB12#6	6.82	13	PASS	
				RB12#13	7.05	13	PASS	
		HCH		RB25#0	6.68	13	PASS	
				RB1#0	5.47	13	PASS	
				RB1#13	5.26	13	PASS	
				RB1#24	5.28	13	PASS	
RB12#0	6.79			13	PASS			
RB12#6	6.52		13	PASS				
RB12#13	6.68		13	PASS				
10	LCH	RB1#0	4.88	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#25	4.25	13	PASS	
				RB1#49	4.61	13	PASS	
				RB25#0	6.47	13	PASS	
				RB25#13	6.16	13	PASS	
				RB25#25	6.28	13	PASS	
				RB50#0	6.74	13	PASS	
			MCH	RB1#0	5.88	13	PASS	
				RB1#25	5.40	13	PASS	
				RB1#49	5.58	13	PASS	
				RB25#0	6.82	13	PASS	
				RB25#13	6.60	13	PASS	
				RB25#25	6.69	13	PASS	
			HCH	RB50#0	6.87	13	PASS	
				RB1#0	5.84	13	PASS	
				RB1#25	5.32	13	PASS	
				RB1#49	5.16	13	PASS	
				RB25#0	7.25	13	PASS	
				RB25#13	7.02	13	PASS	
			15	LCH	RB25#25	6.96	13	PASS
					RB50#0	6.77	13	PASS
					RB1#0	5.08	13	PASS
		RB1#38			4.76	13	PASS	
		RB1#74			4.62	13	PASS	
		RB38#0			6.41	13	PASS	
		MCH		RB38#19	6.14	13	PASS	
				RB38#39	6.69	13	PASS	
				RB75#0	7.26	13	PASS	
				RB1#0	5.69	13	PASS	
				RB1#38	5.60	13	PASS	
				RB1#74	4.85	13	PASS	
		HCH	RB38#0	7.31	13	PASS		
			RB38#19	6.59	13	PASS		
			RB38#39	5.99	13	PASS		
RB75#0	6.75		13	PASS				
RB38#19	6.78		13	PASS				
				RB1#0	5.81	13	PASS	
				RB1#38	5.52	13	PASS	
				RB1#74	4.52	13	PASS	
				RB38#0	7.20	13	PASS	
				RB38#19	6.78	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#39	6.69	13	PASS
				RB75#0	7.47	13	PASS
		20	LCH	RB1#0	5.09	13	PASS
				RB1#50	5.20	13	PASS
				RB1#99	4.19	13	PASS
				RB50#0	6.46	13	PASS
				RB50#25	6.94	13	PASS
				RB50#50	6.79	13	PASS
				RB100#0	7.17	13	PASS
				MCH	RB1#0	5.30	13
			RB1#50		5.17	13	PASS
			RB1#99		4.50	13	PASS
			RB50#0		6.93	13	PASS
			RB50#25		6.47	13	PASS
			RB50#50		5.60	13	PASS
			HCH	RB100#0	6.63	13	PASS
		RB1#0		5.84	13	PASS	
		RB1#50		5.68	13	PASS	
		RB1#99		4.19	13	PASS	
		RB50#0		7.12	13	PASS	
		RB50#25		7.15	13	PASS	
RB50#50	6.73	13		PASS			
RB100#0	7.20	13	PASS				



## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

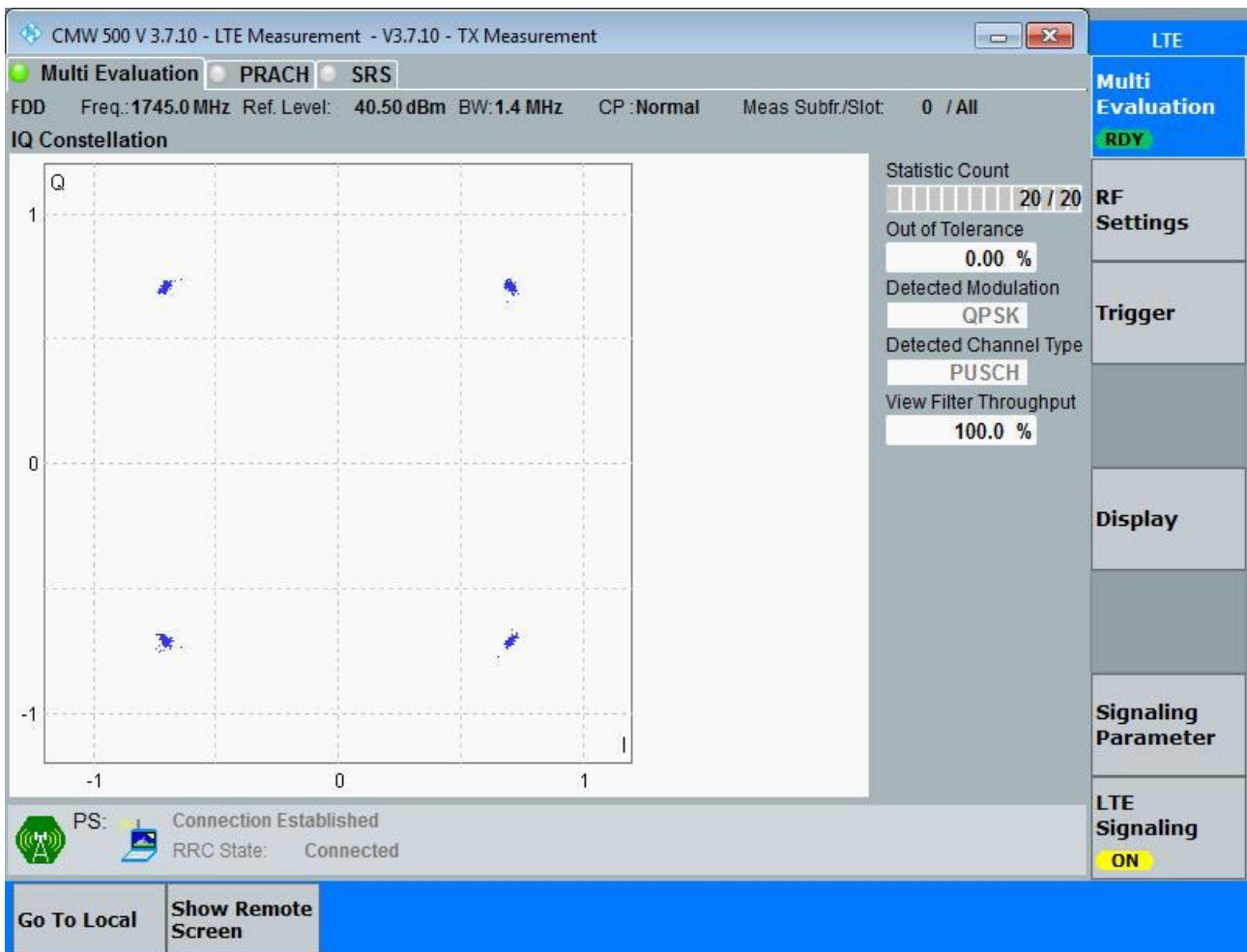
##### 3.1.1 Test Band = Band66

##### 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

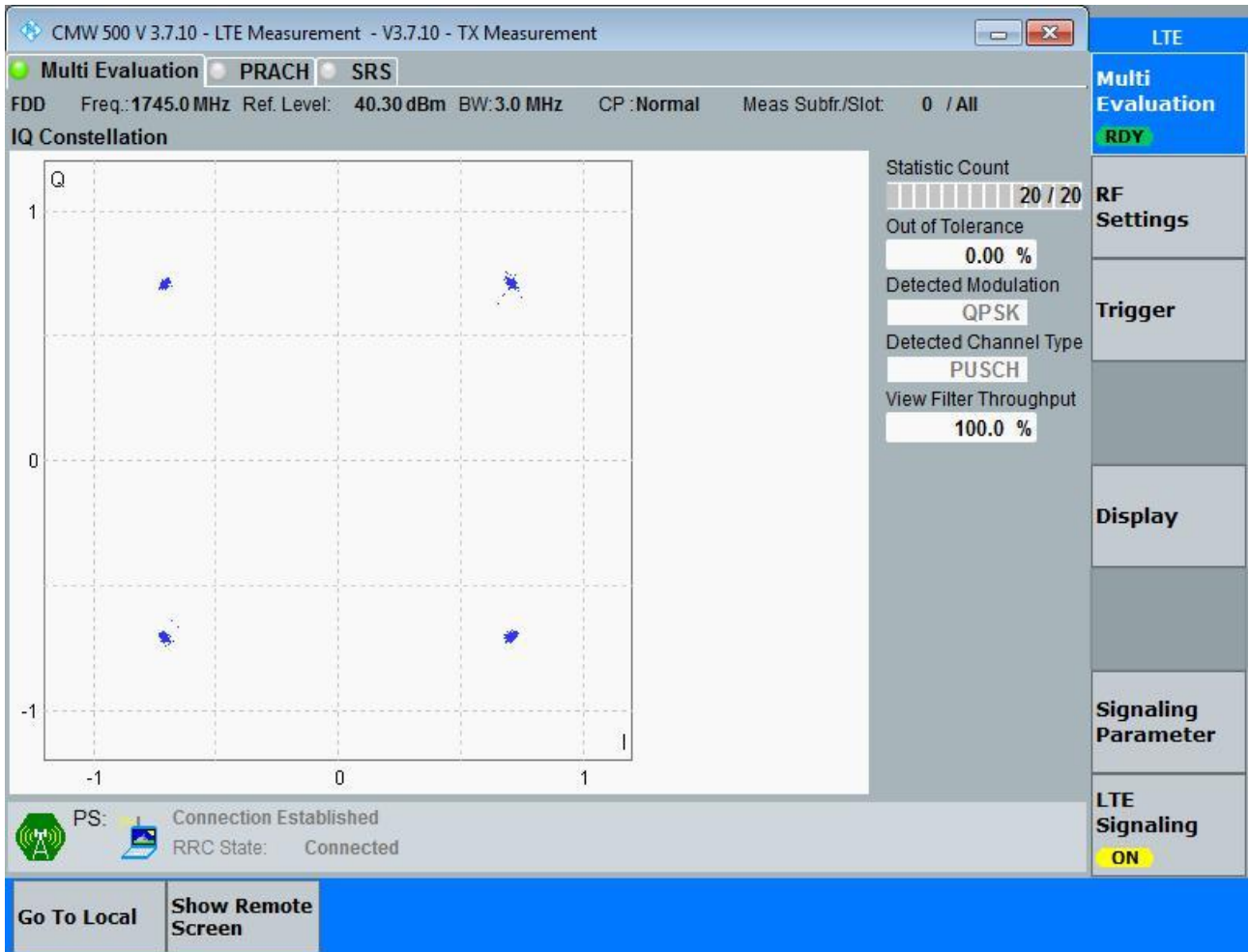
##### 3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

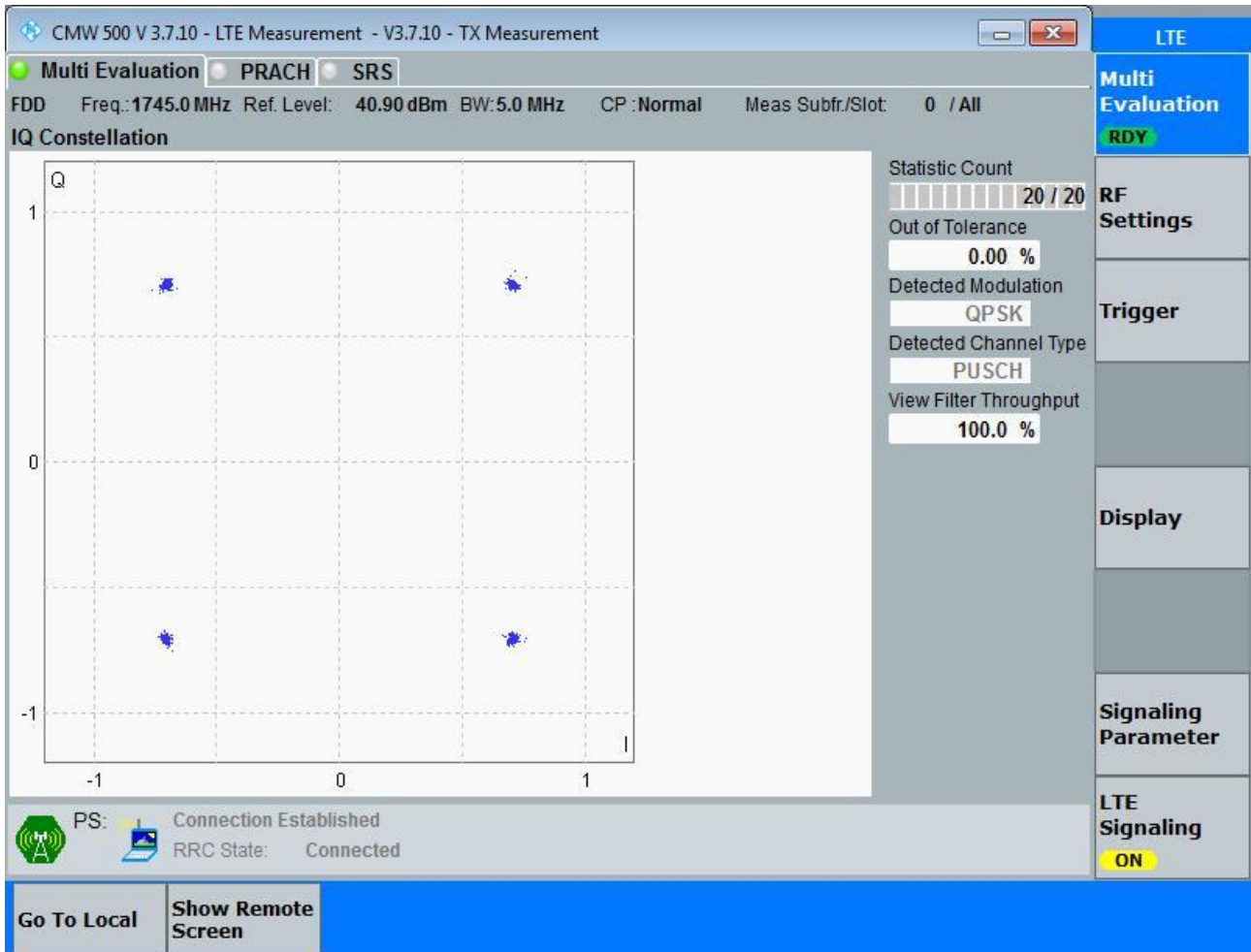
3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

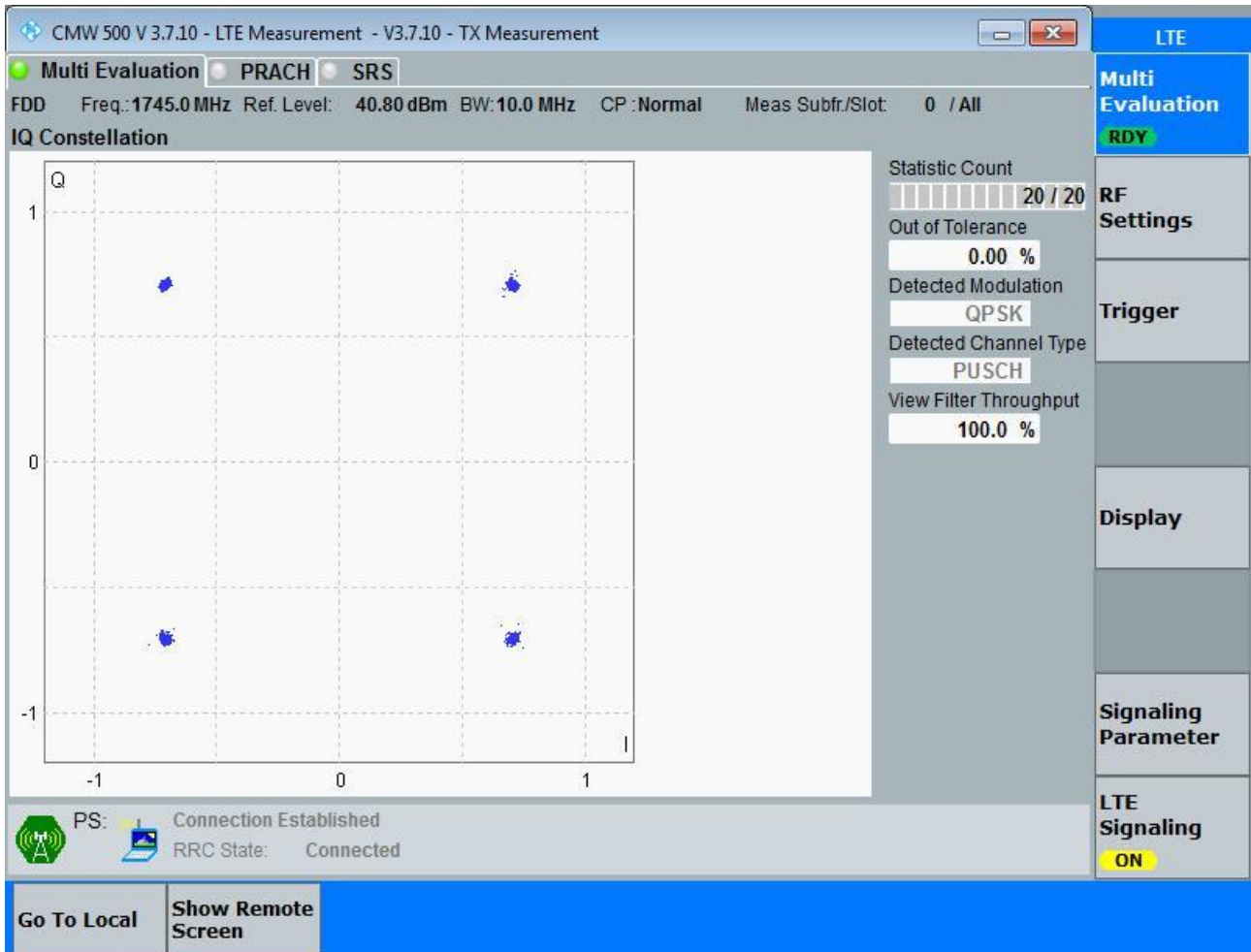
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

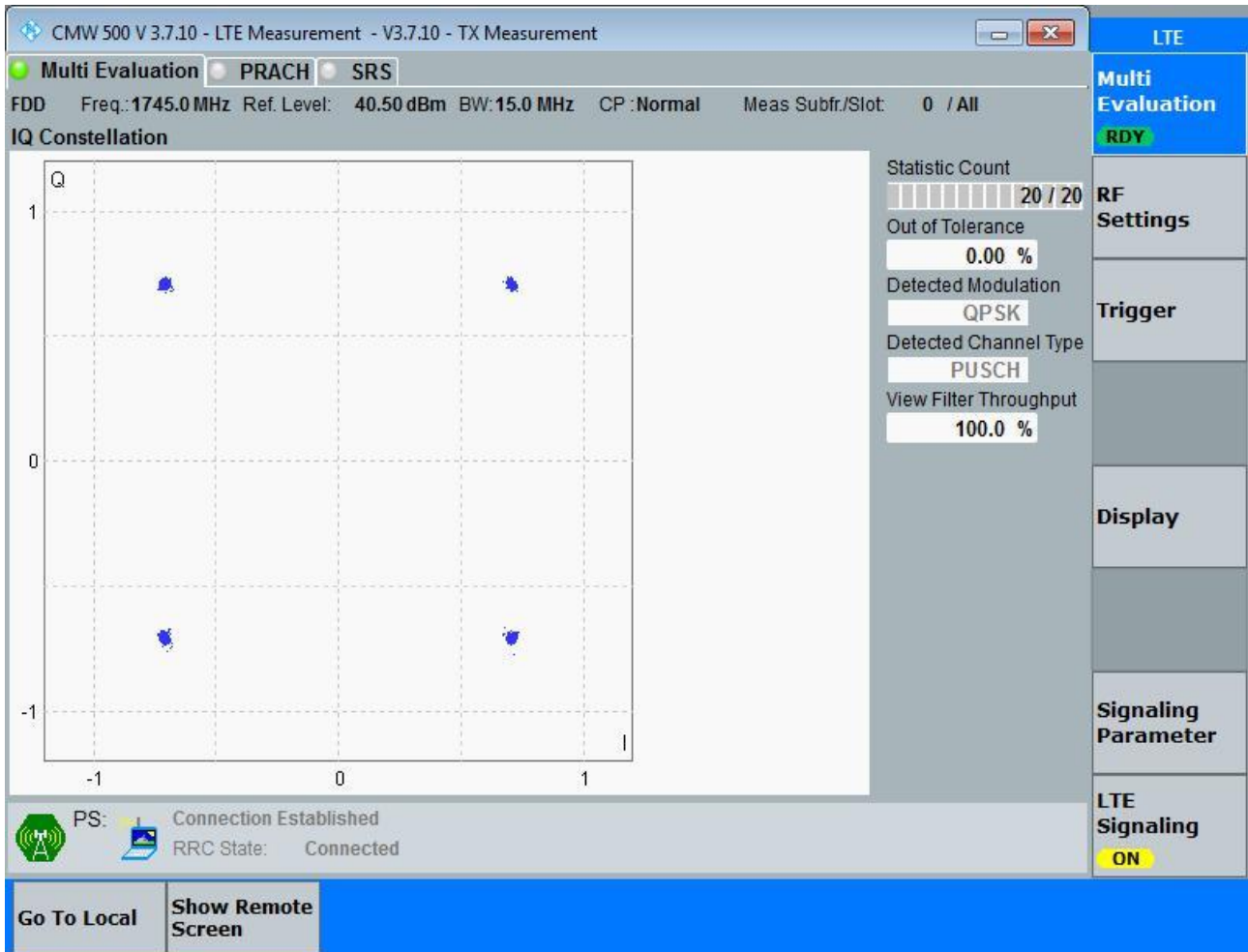
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

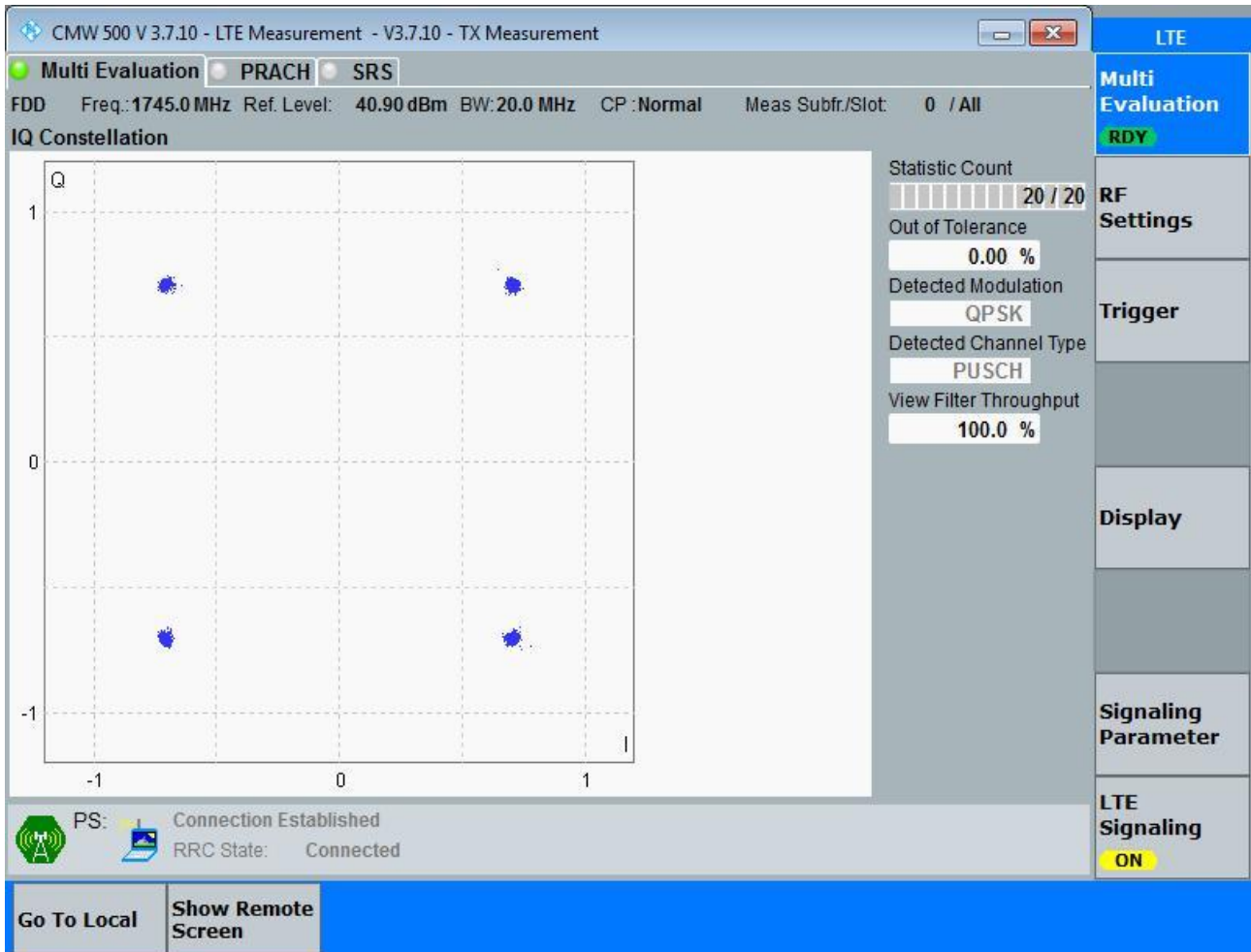
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

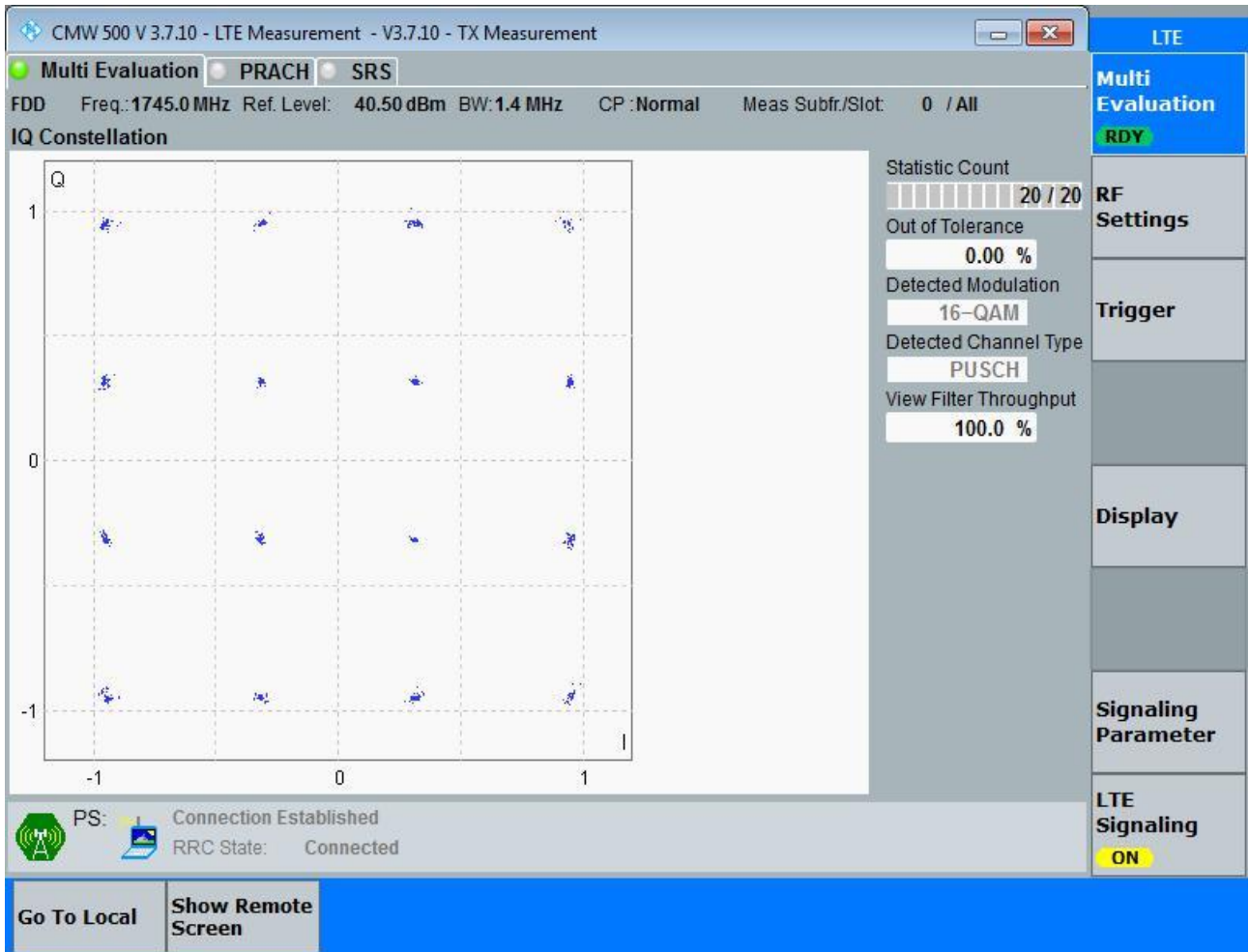


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

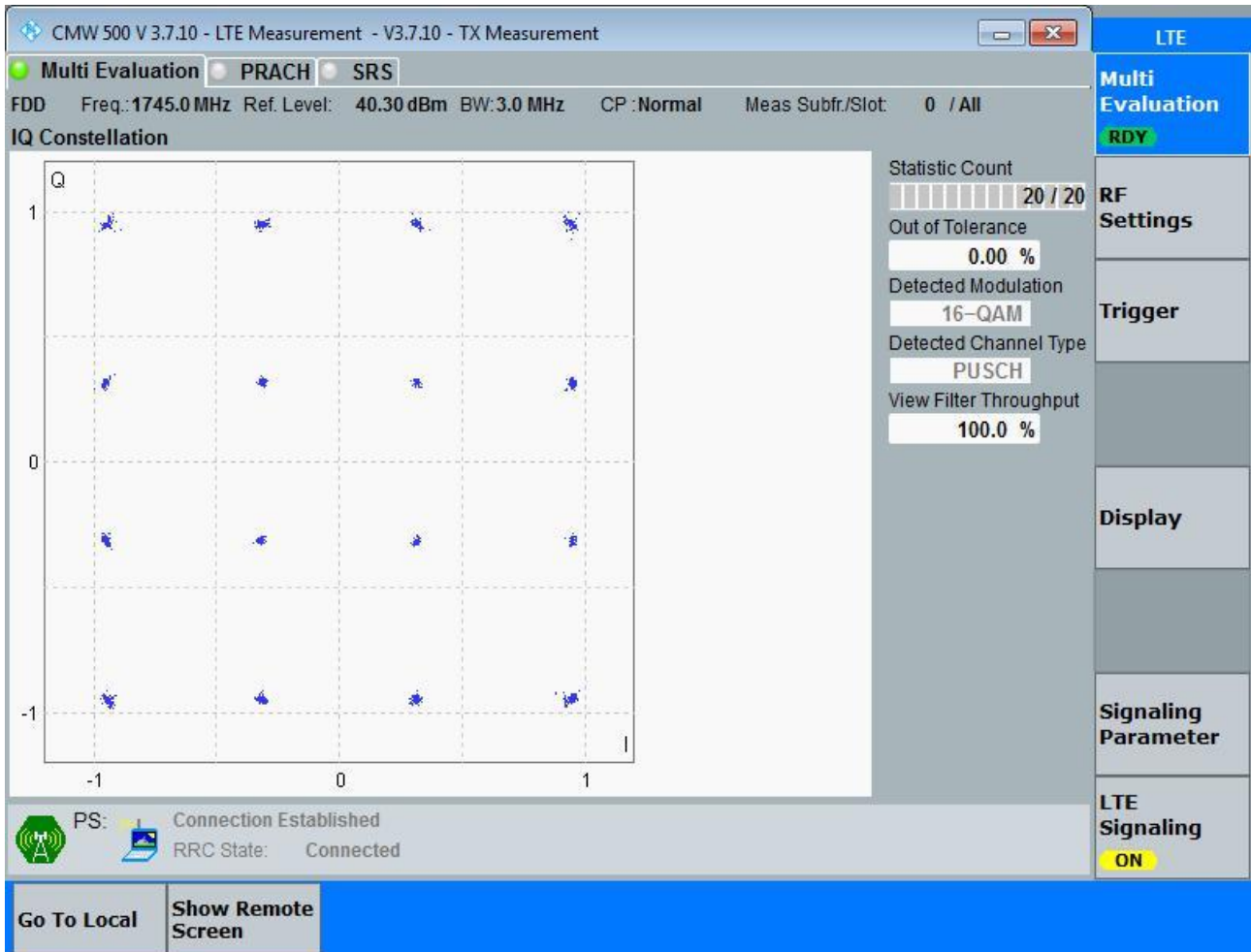
3.1.1.2.1.1.1 Test RB = RB6#0



### 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

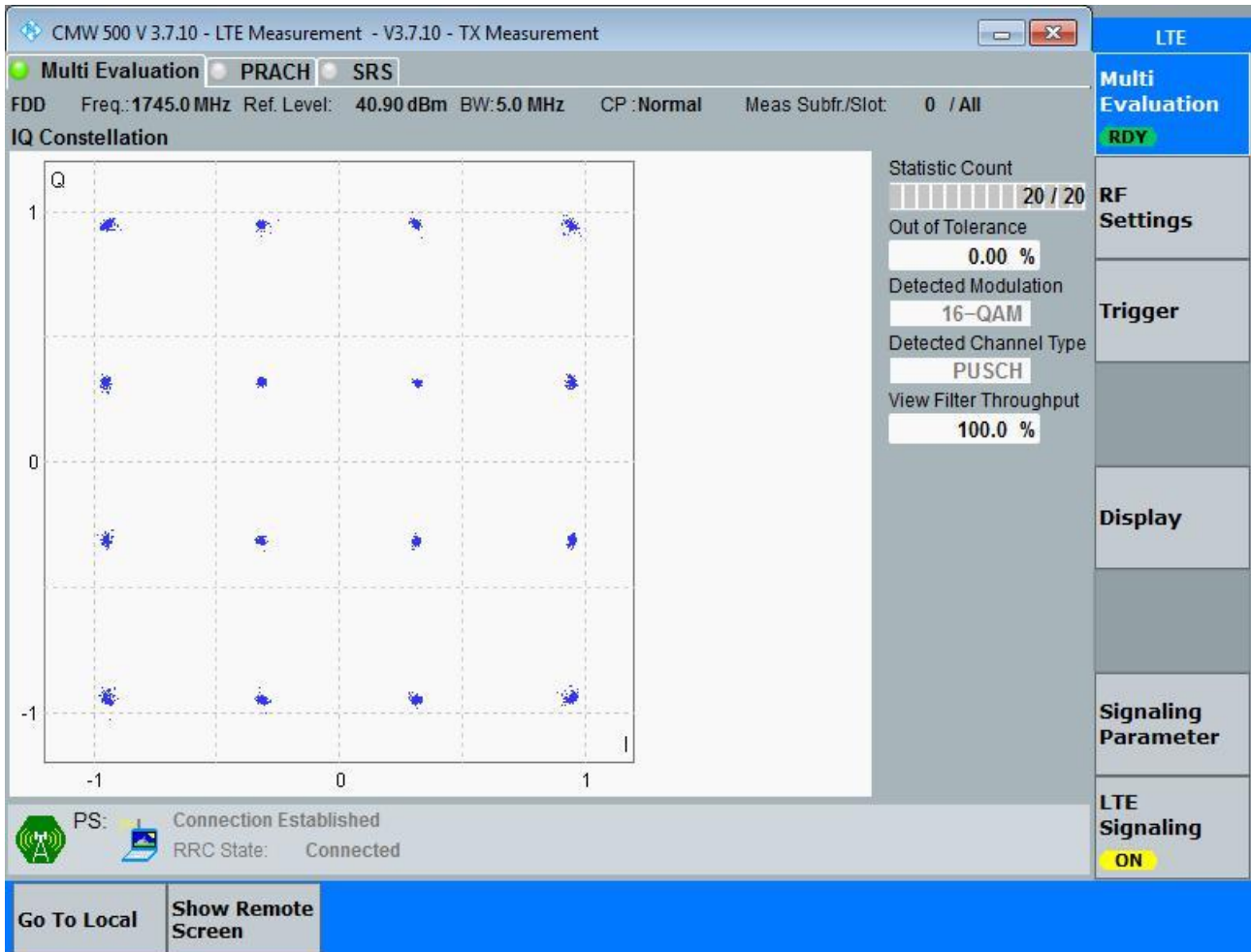




### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

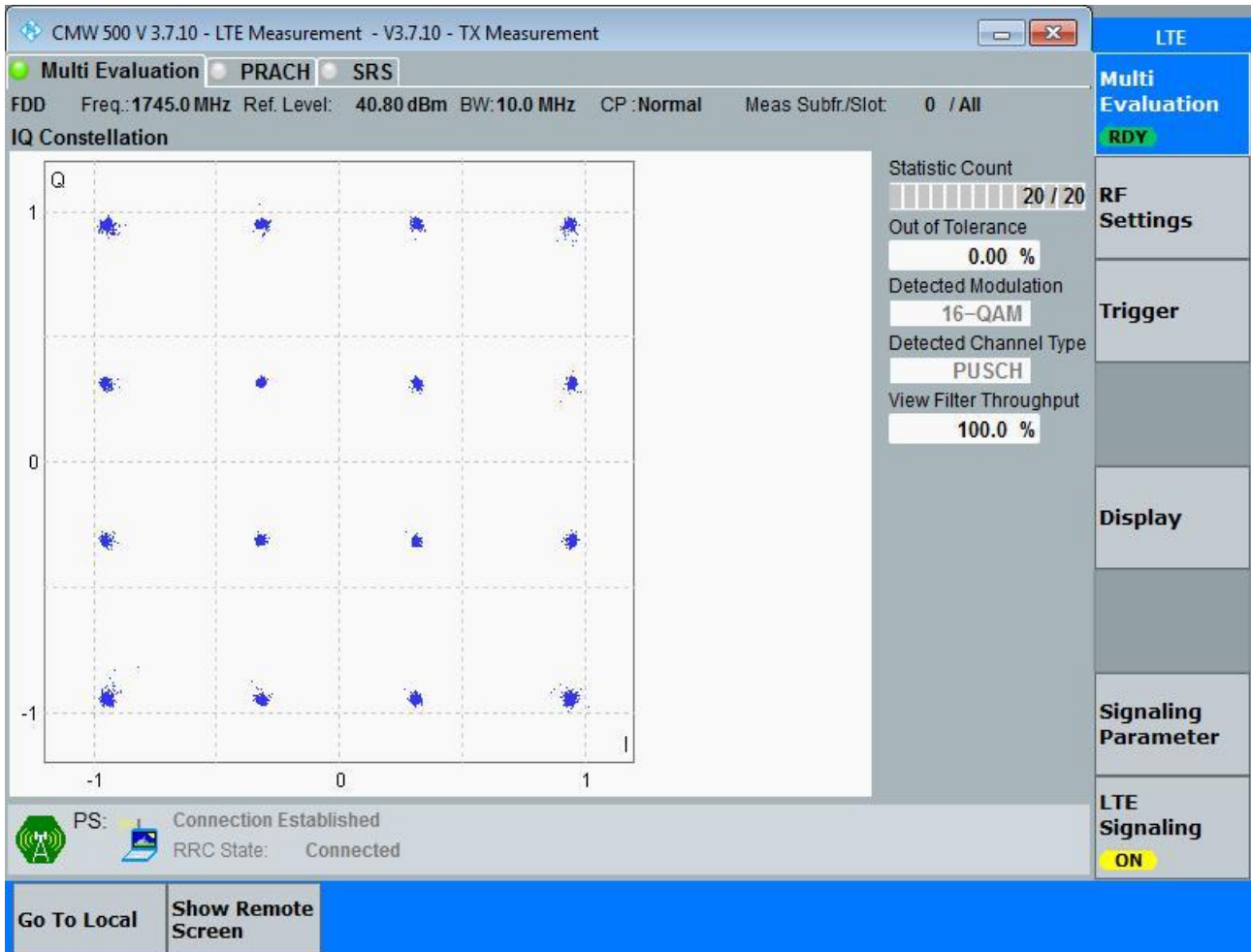
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

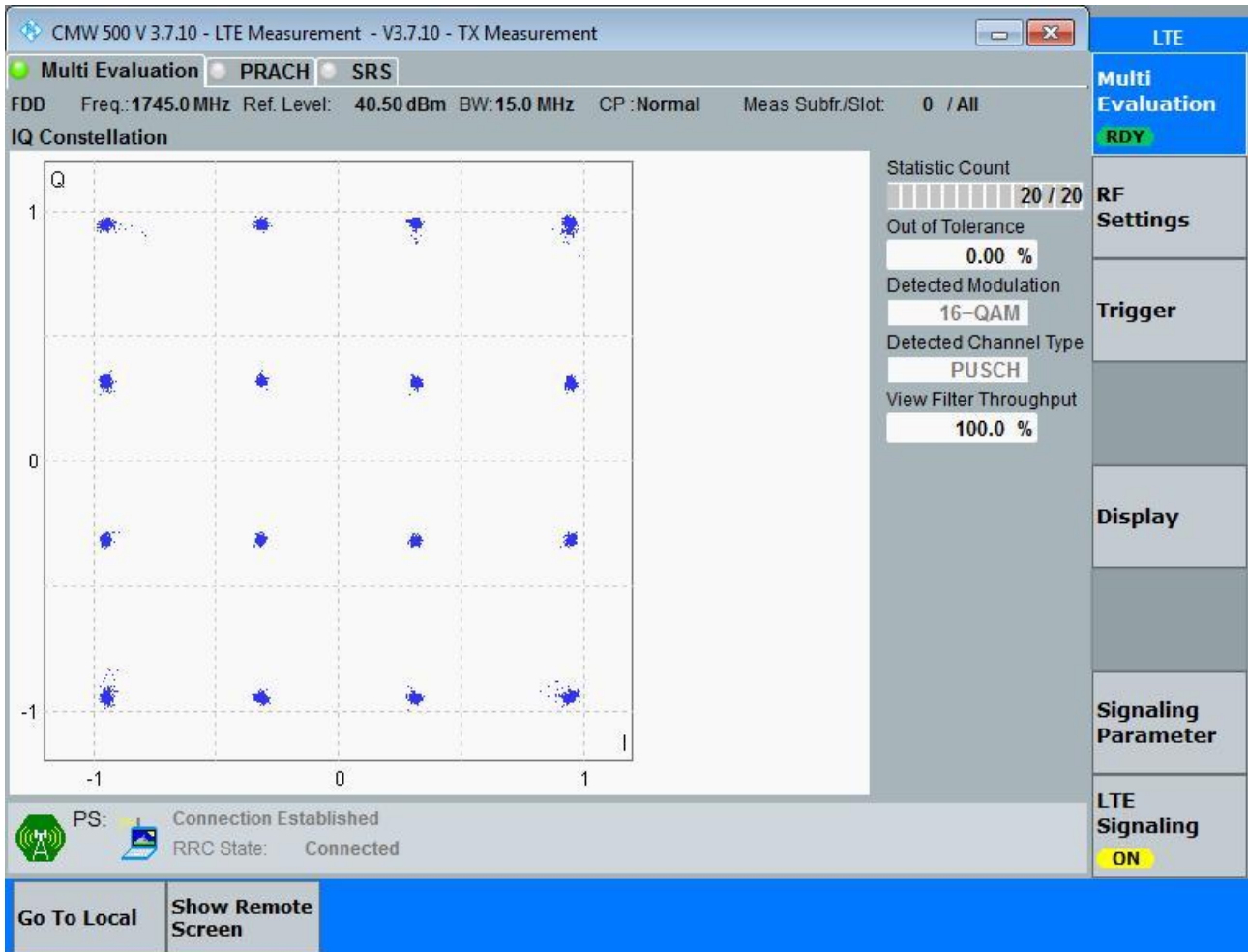
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

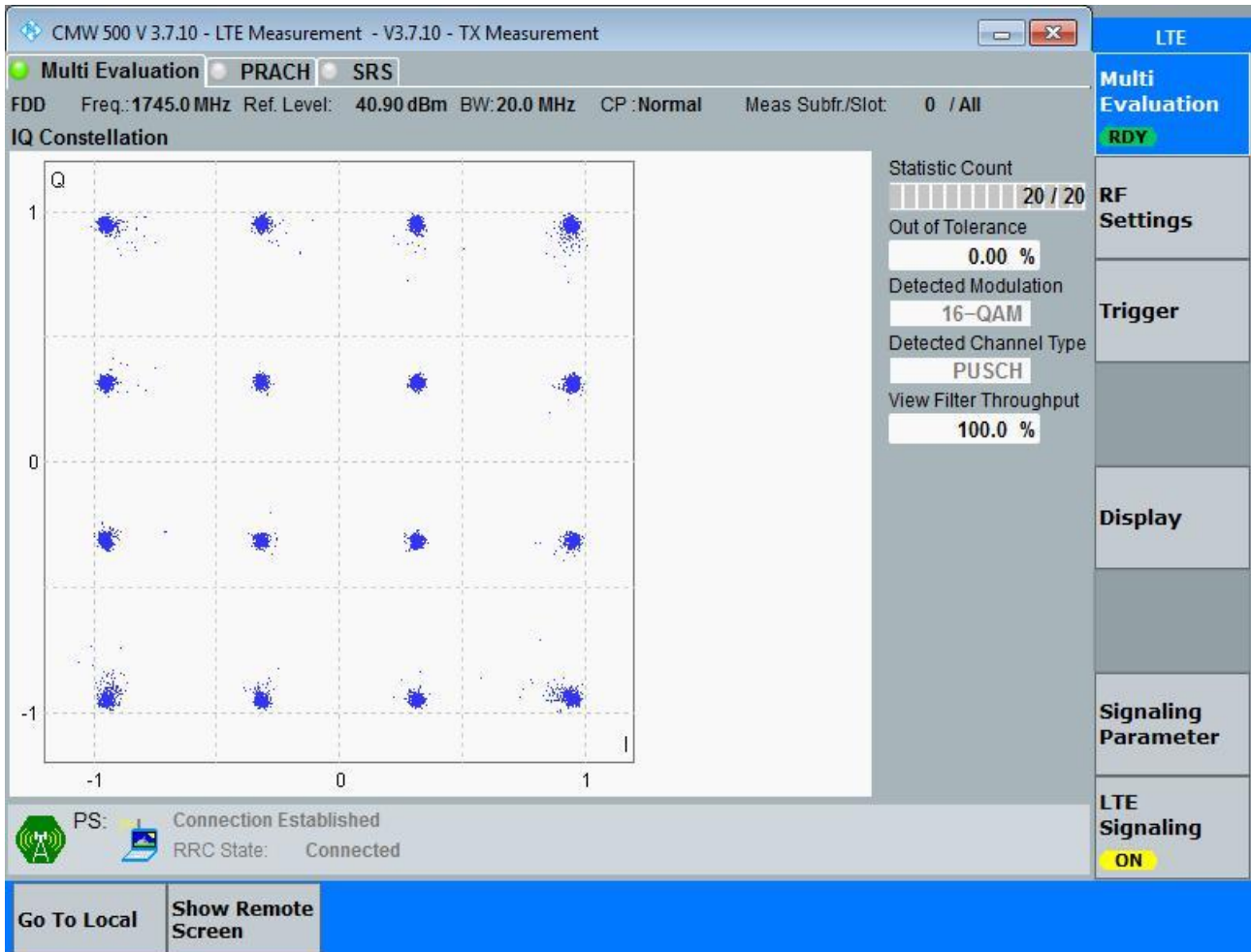
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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
Band66	LTE/TM1	1.4	LCH	RB6#0	1.10	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.96	Pass
			MCH	RB15#0	2.70	2.95	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.50	4.93	Pass
			MCH	RB25#0	4.52	4.96	Pass
			HCH	RB25#0	4.50	4.95	Pass
		10	LCH	RB50#0	9.04	9.94	Pass
			MCH	RB50#0	9.01	9.92	Pass
			HCH	RB50#0	9.00	9.90	Pass
		15	LCH	RB75#0	13.51	15.00	Pass
			MCH	RB75#0	13.53	15.07	Pass
			HCH	RB75#0	13.51	15.02	Pass
		20	LCH	RB100#0	17.99	19.64	Pass
			MCH	RB100#0	17.99	19.69	Pass
			HCH	RB100#0	18.02	19.75	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.25	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	2.97	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.70	2.97	Pass
		5	LCH	RB25#0	4.52	4.94	Pass
			MCH	RB25#0	4.50	4.95	Pass
			HCH	RB25#0	4.51	4.94	Pass
10		LCH	RB50#0	9.03	9.95	Pass	
		MCH	RB50#0	9.04	9.92	Pass	
		HCH	RB50#0	9.00	9.89	Pass	
15		LCH	RB75#0	13.48	14.97	Pass	
		MCH	RB75#0	13.49	14.94	Pass	
		HCH	RB75#0	13.51	15.00	Pass	
20		LCH	RB100#0	17.98	19.75	Pass	

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	17.99	19.76	Pass
			HCH	RB100#0	17.99	19.76	Pass

**Part II - Test Plots**

**4.1 For LTE**

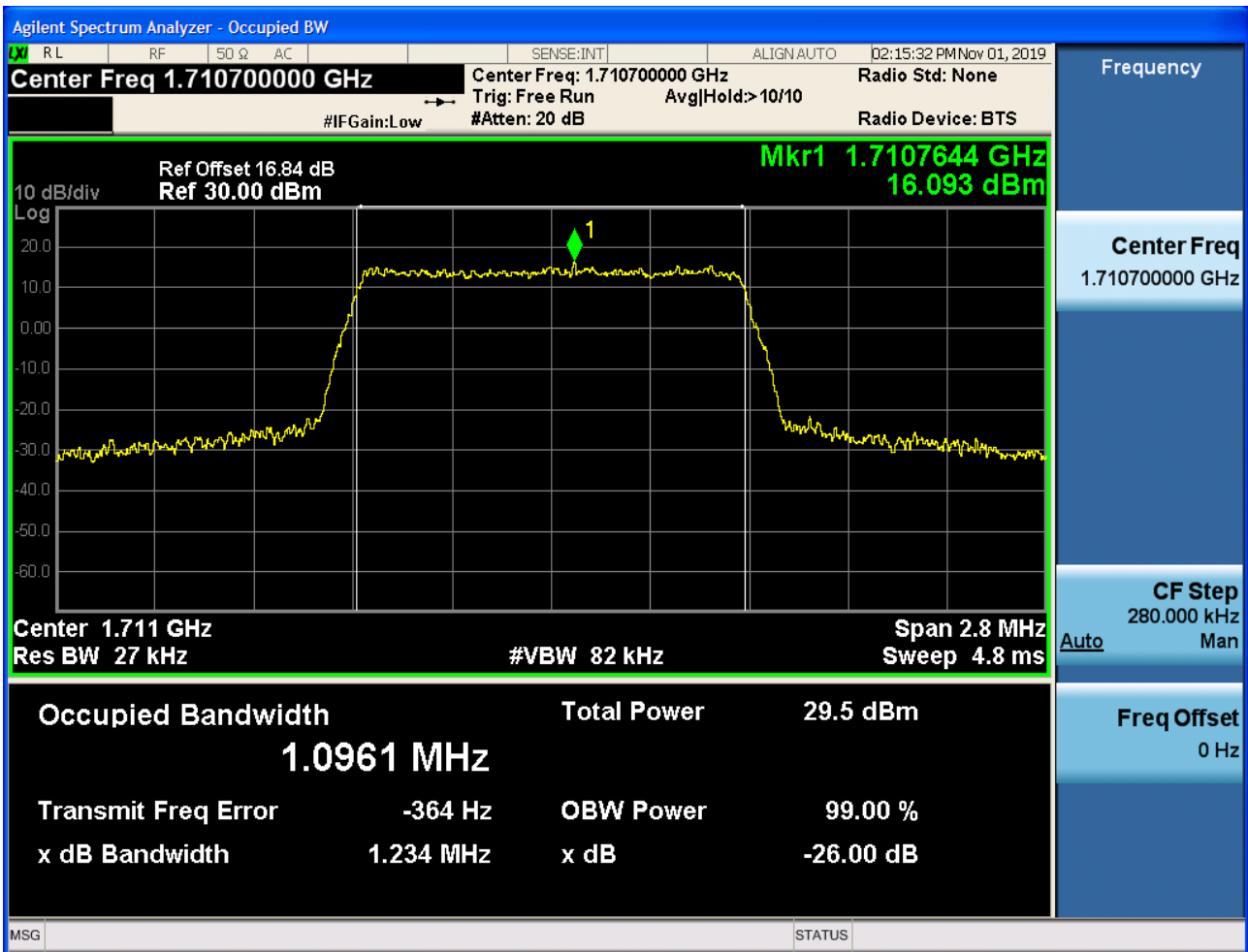
**4.1.1 Test Band = Band66**

**4.1.1.1 Test Mode = LTE/TM1**

**4.1.1.1.1 Test Bandwidth = 1.4**

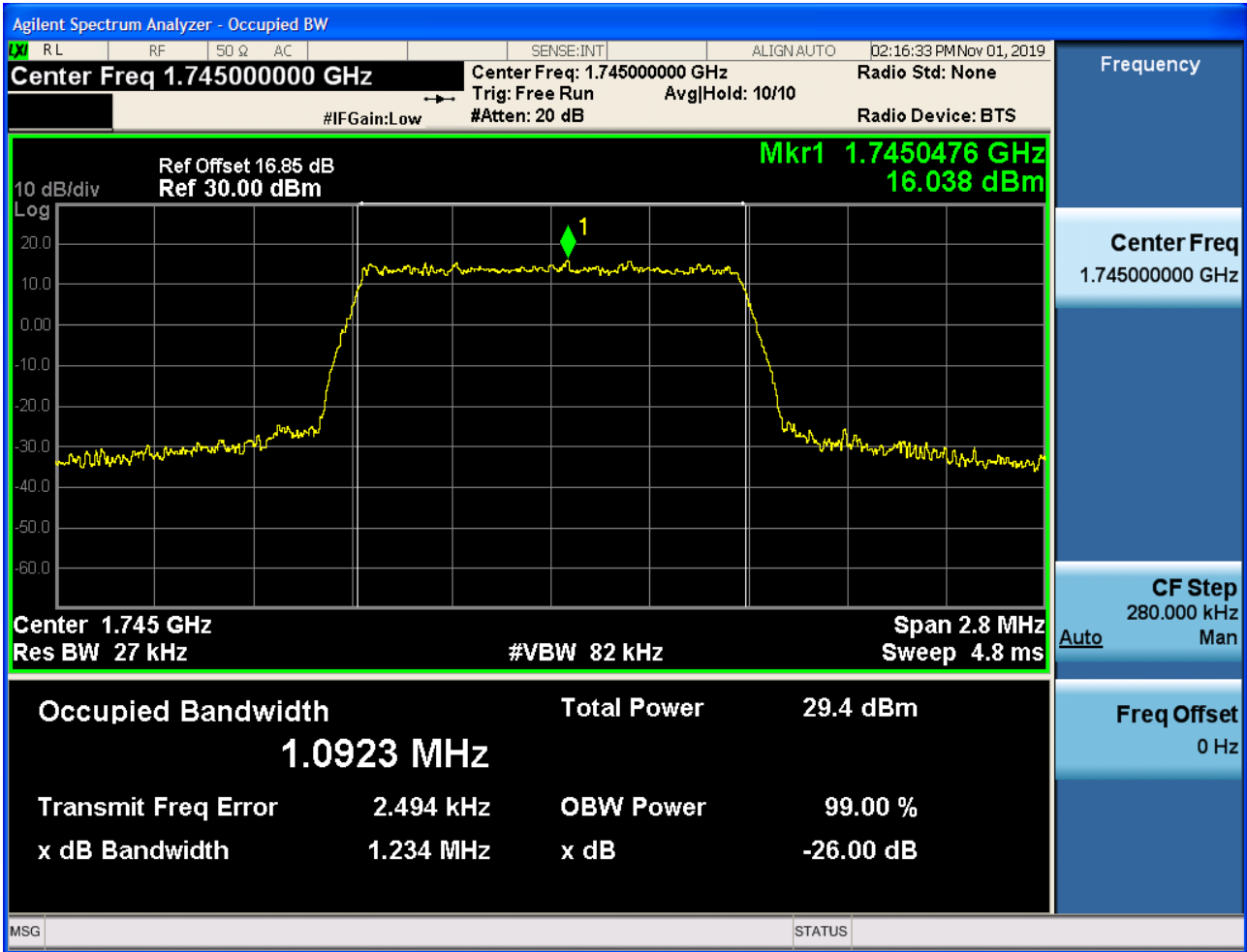
**4.1.1.1.1.1 Test Channel = LCH**

**4.1.1.1.1.1 Test RB = RB6#0**



4.1.1.1.2 Test Channel = MCH

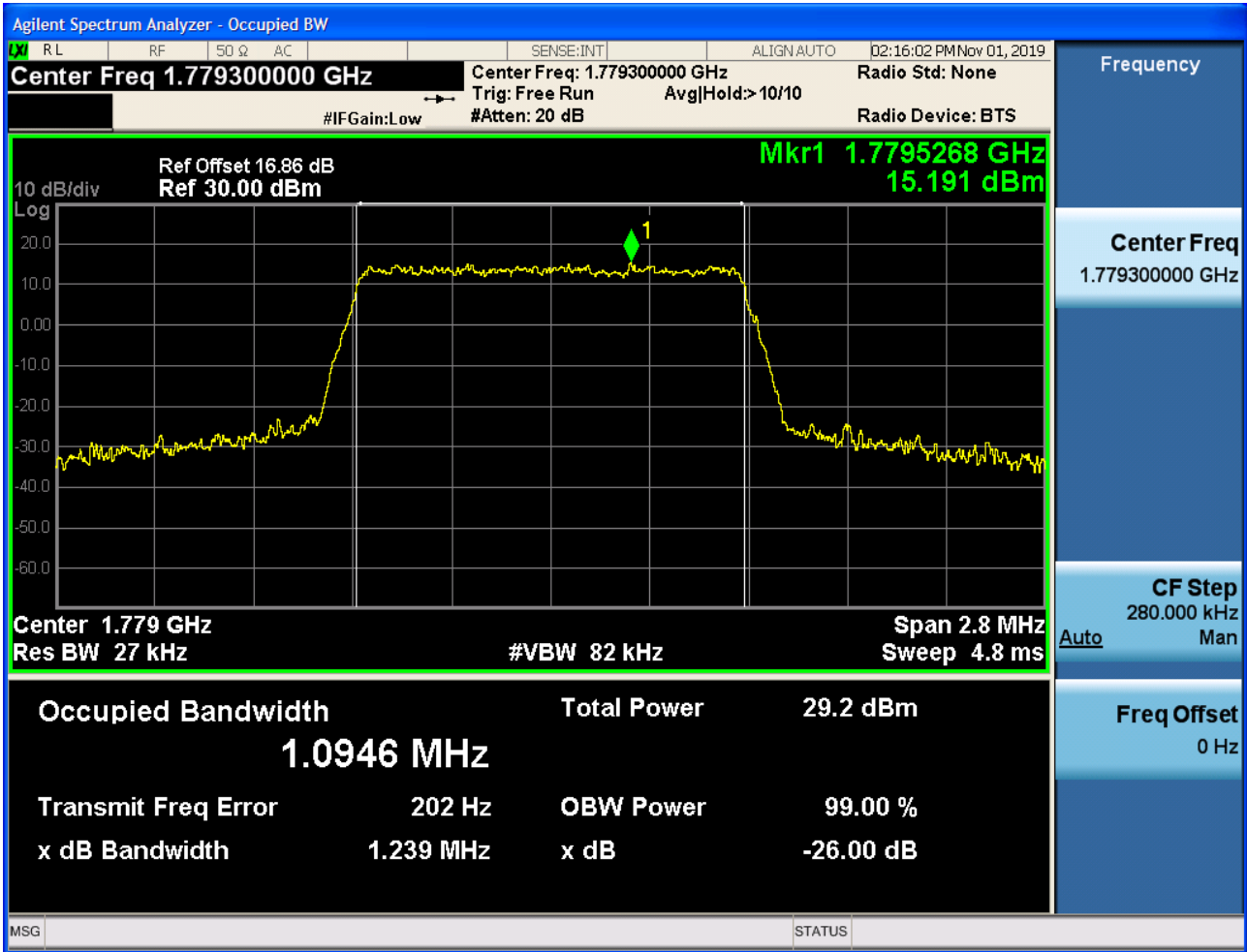
4.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.3 Test Channel = HCH

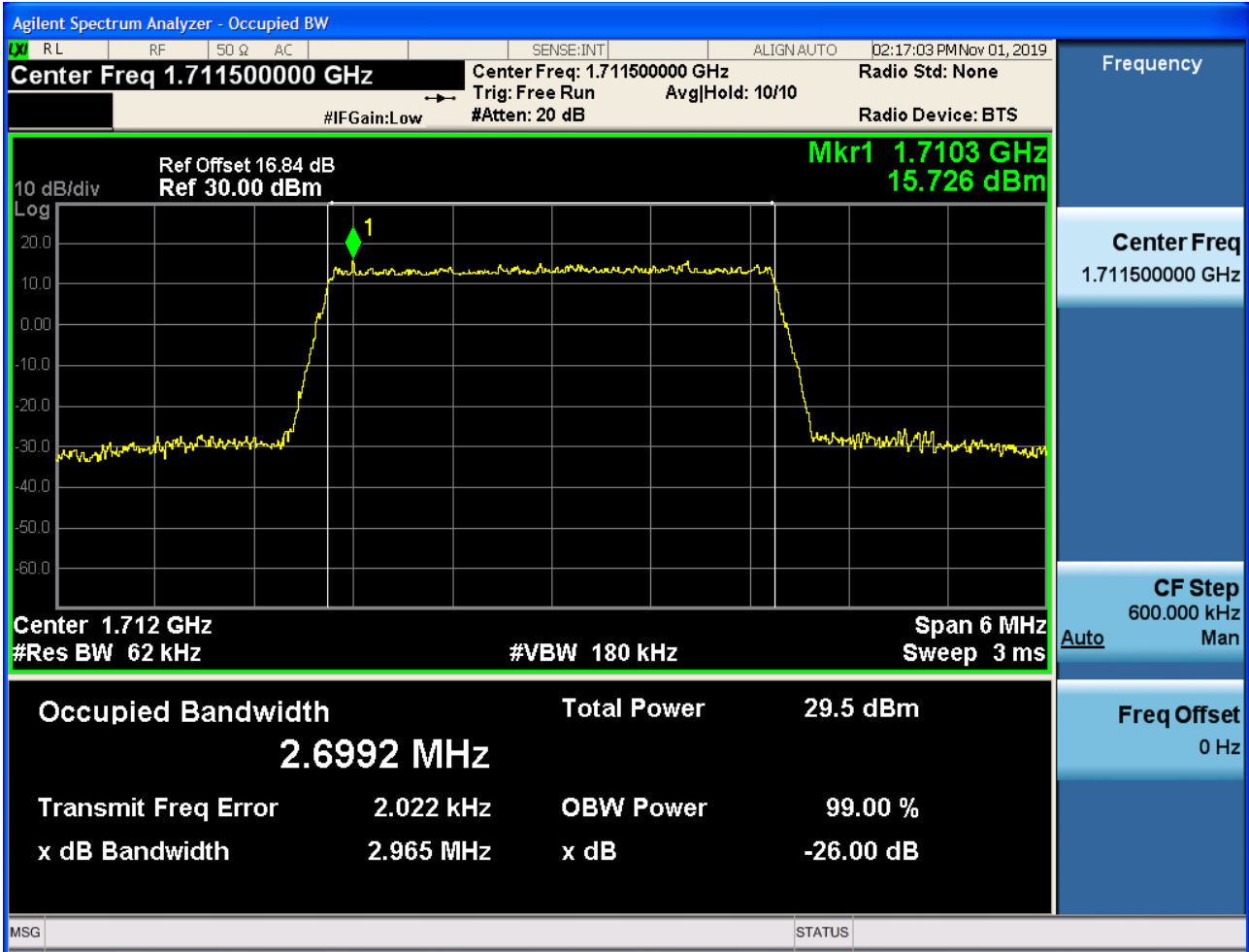
4.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

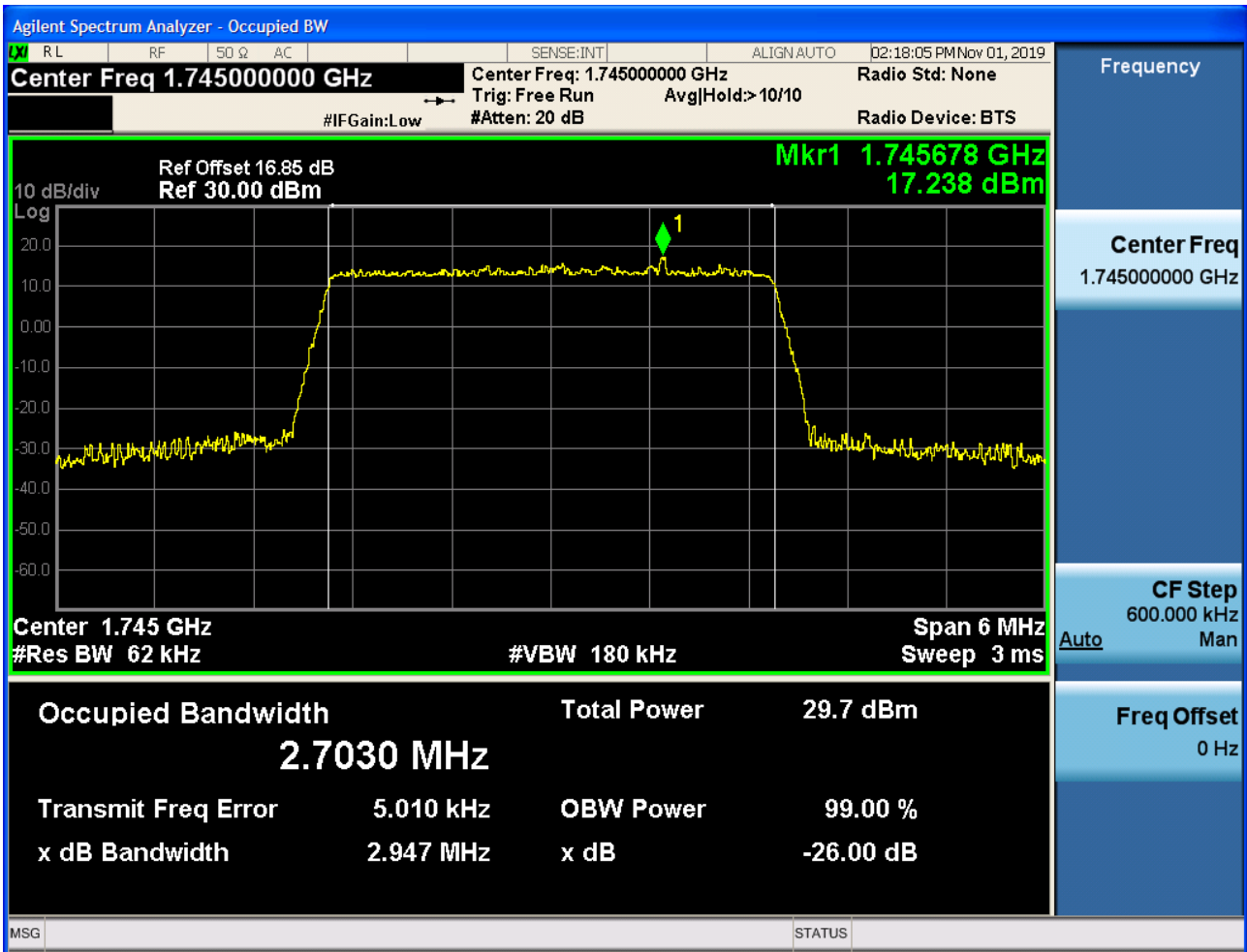
4.1.1.1.2.1.1 Test RB = RB15#0





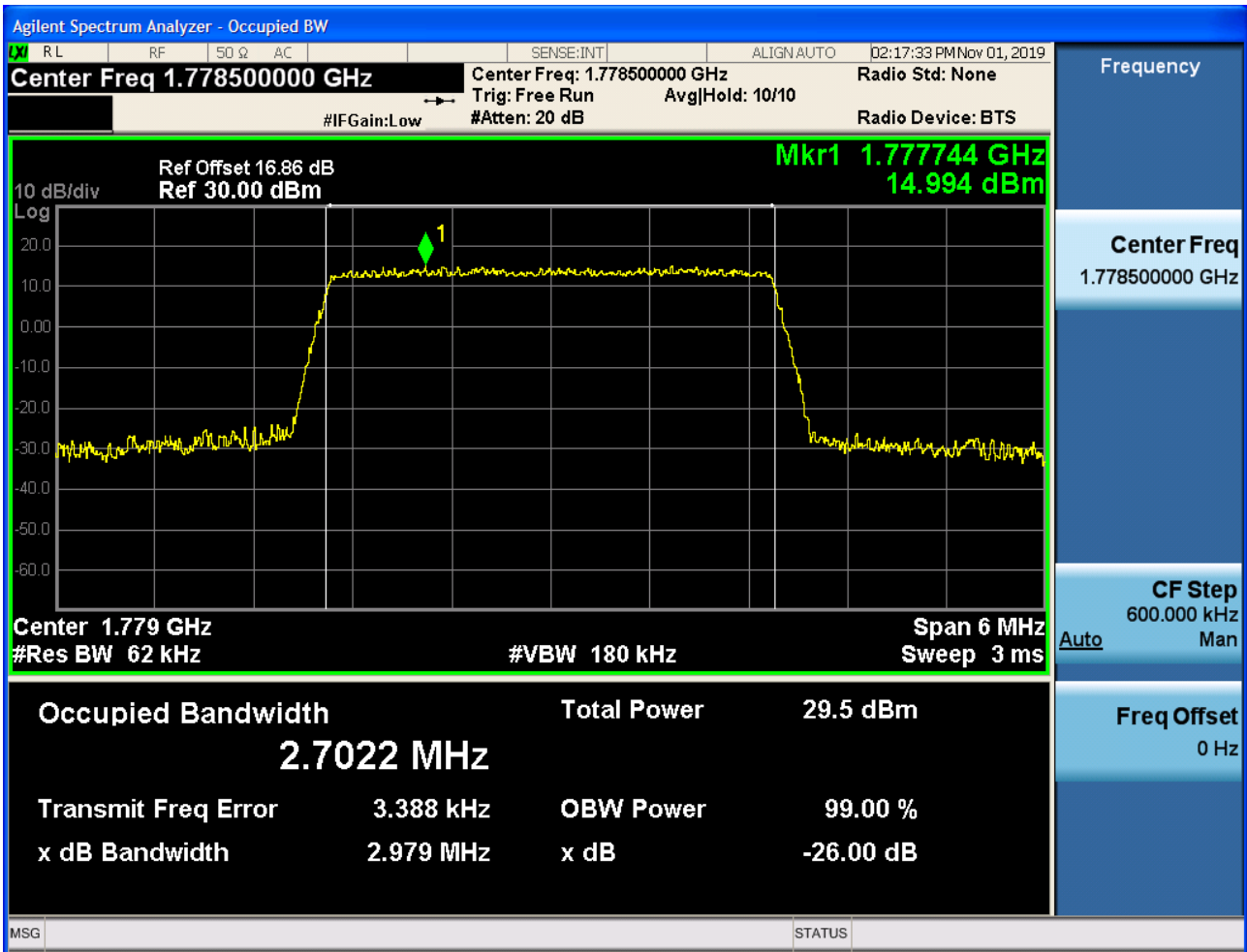
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

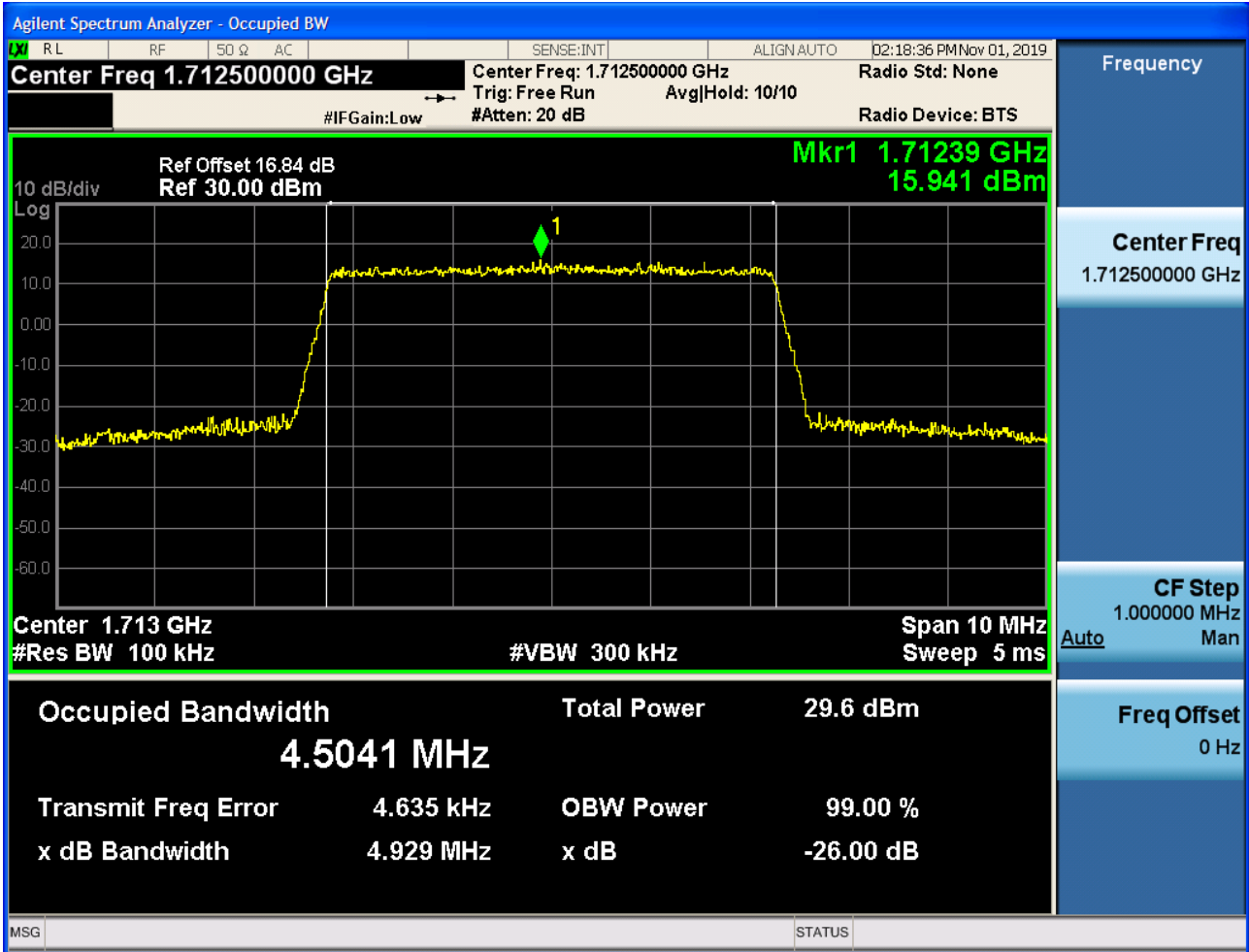
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

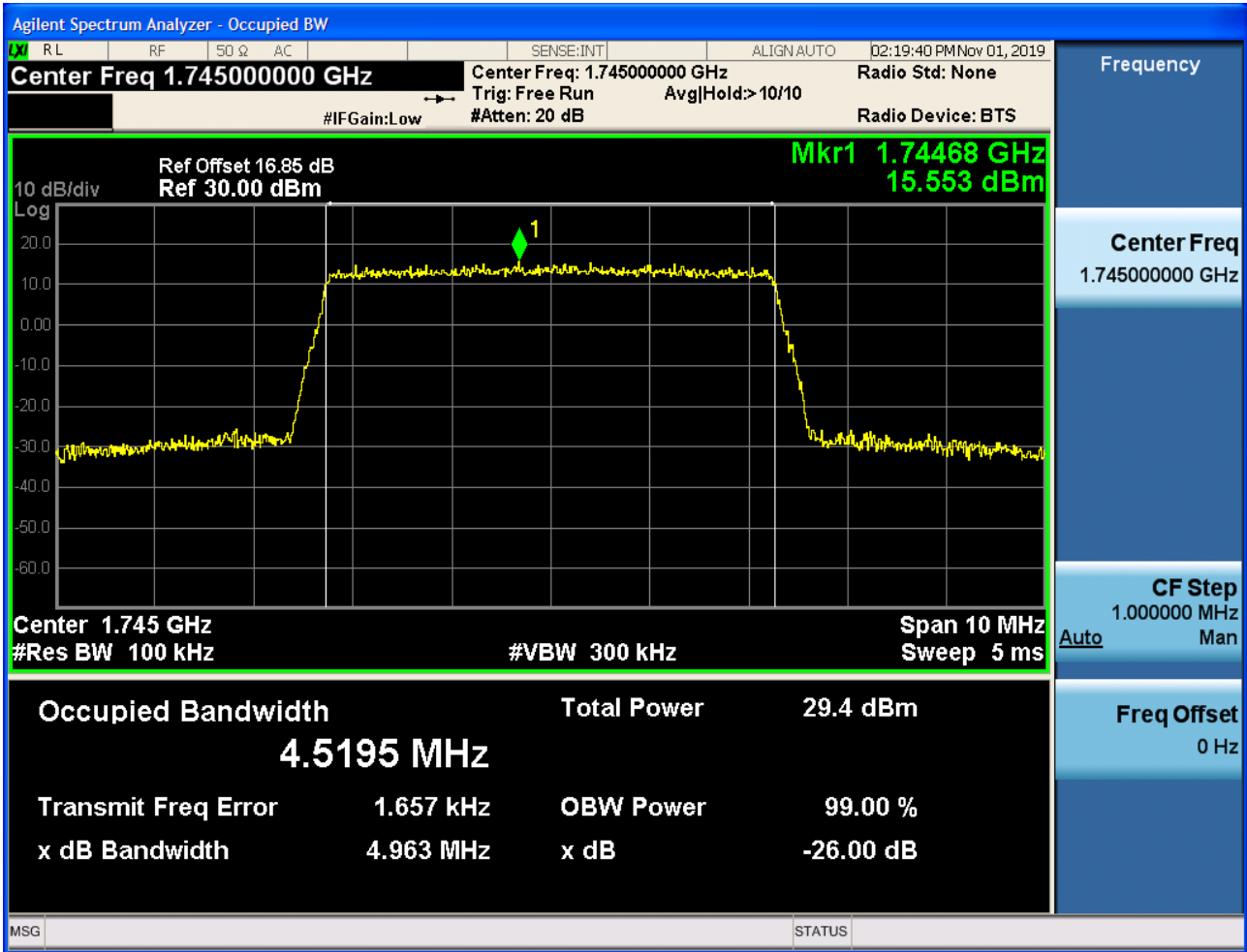
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



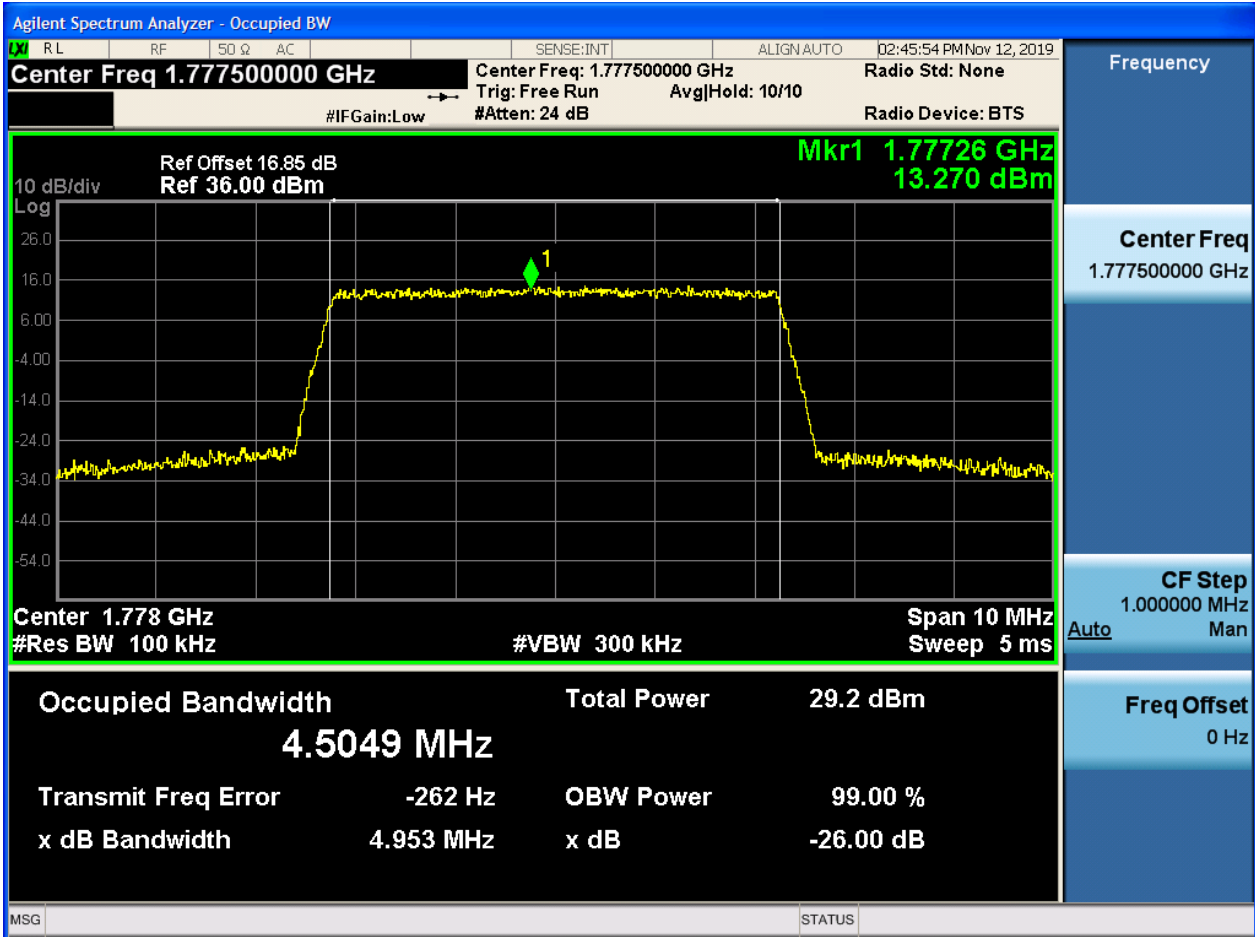
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

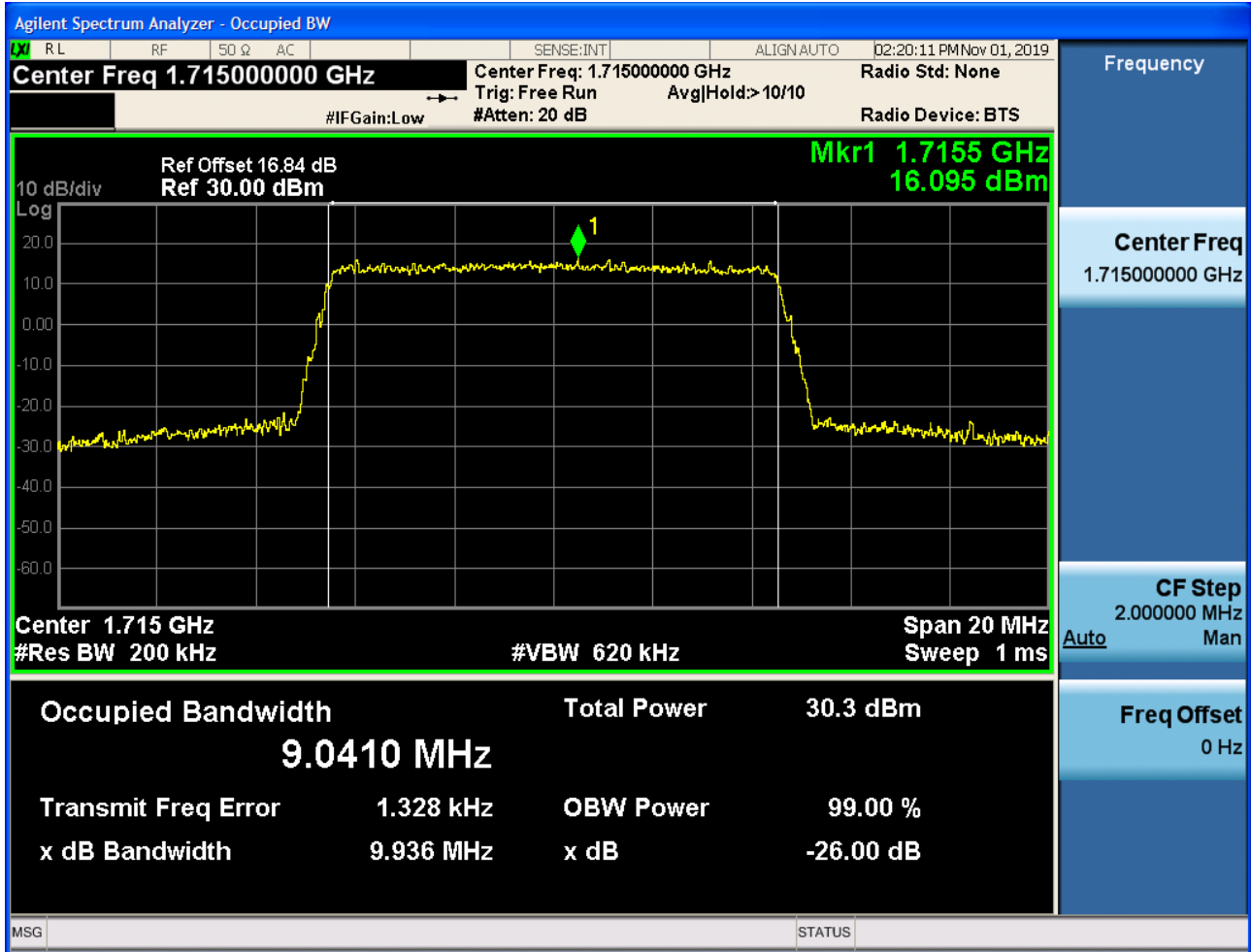
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

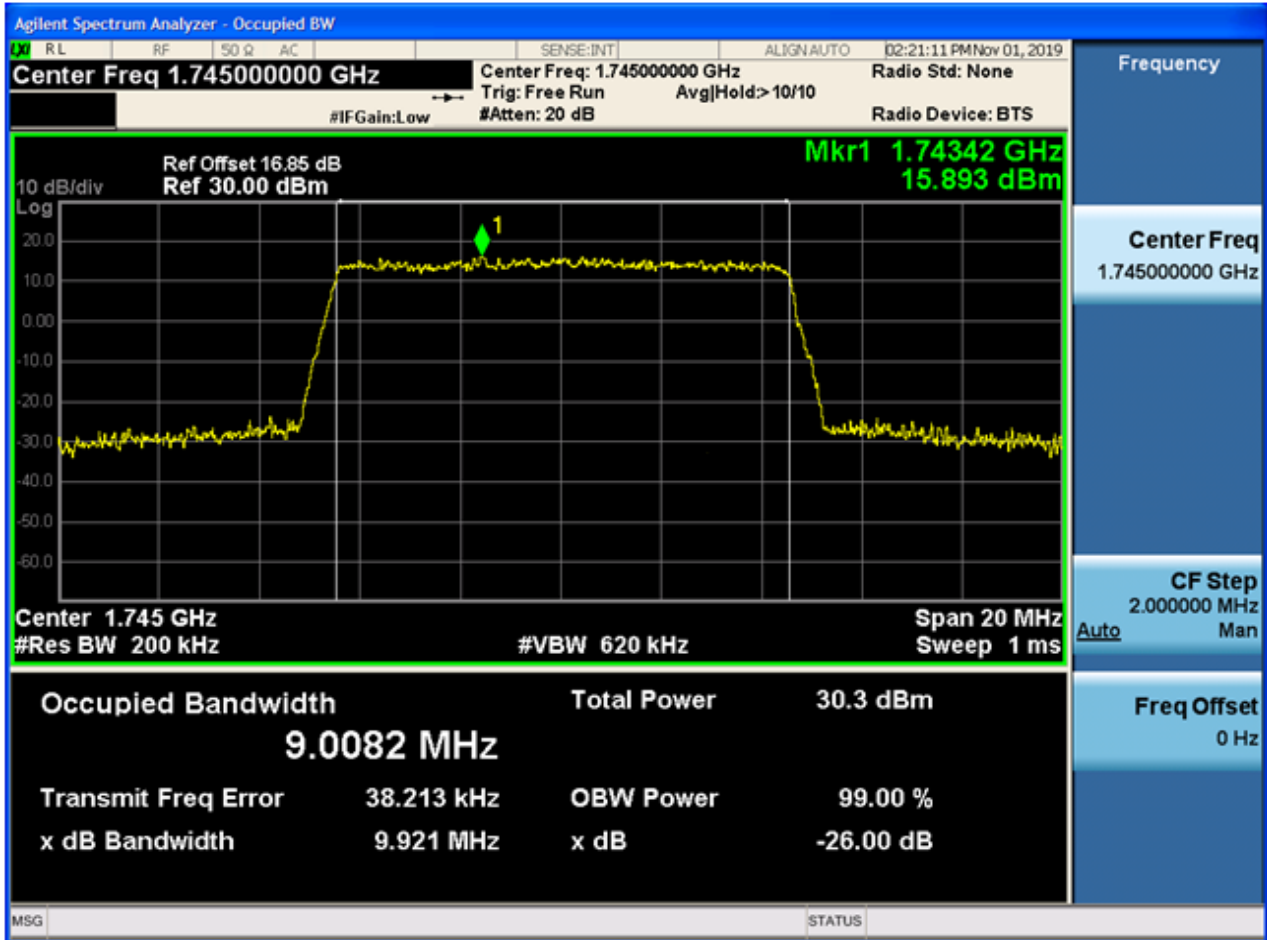
4.1.1.1.4.1.1 Test RB = RB50#0





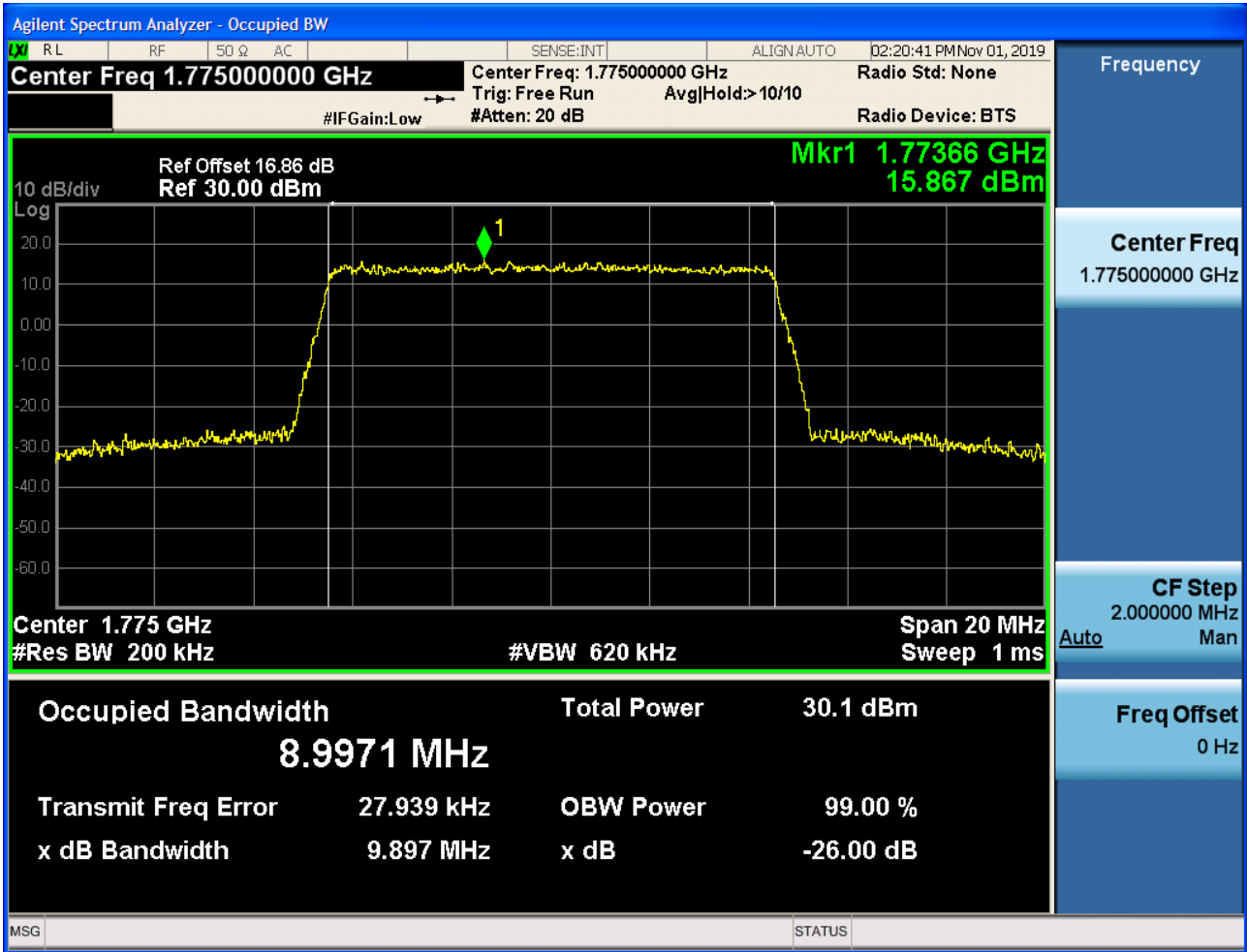
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

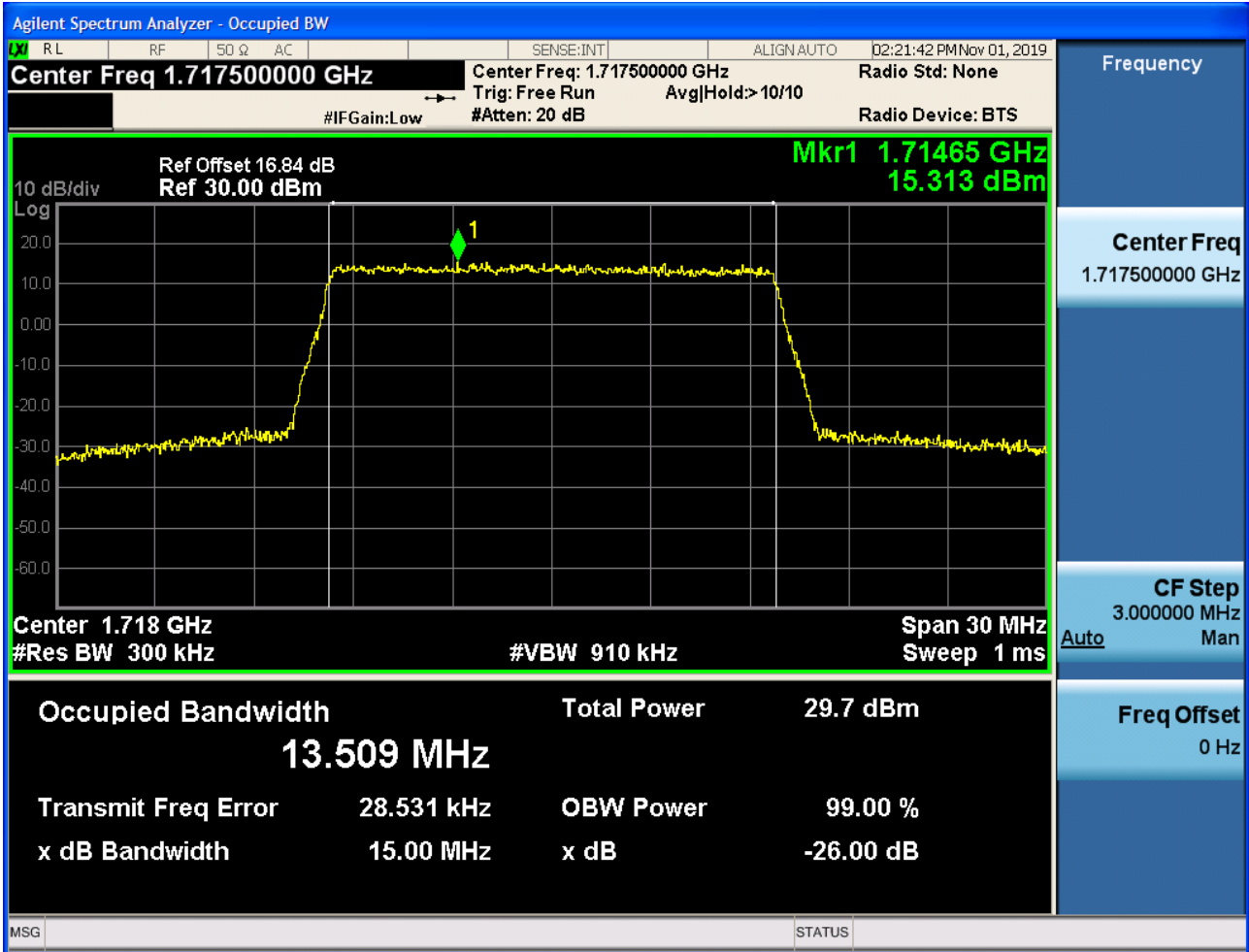
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

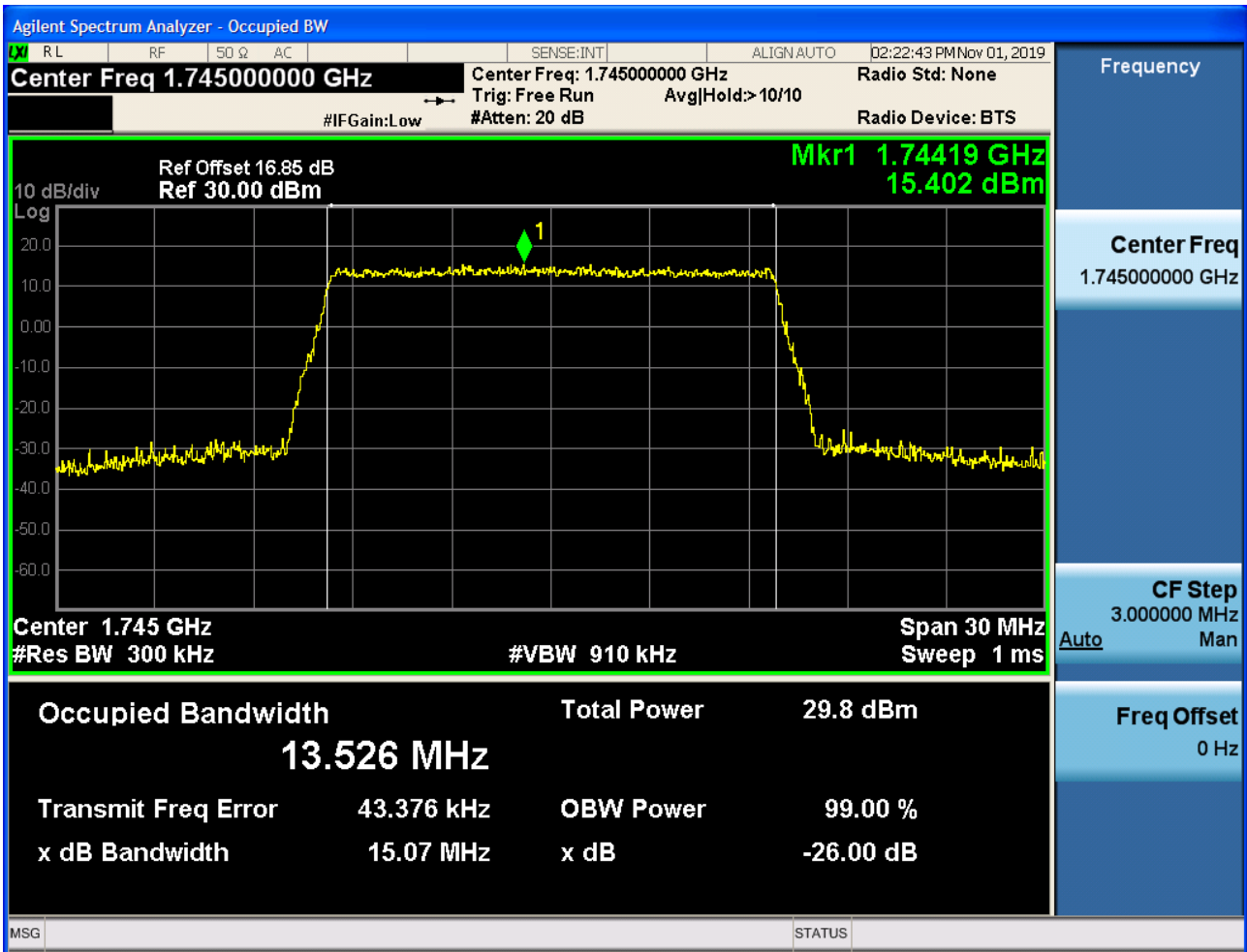
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



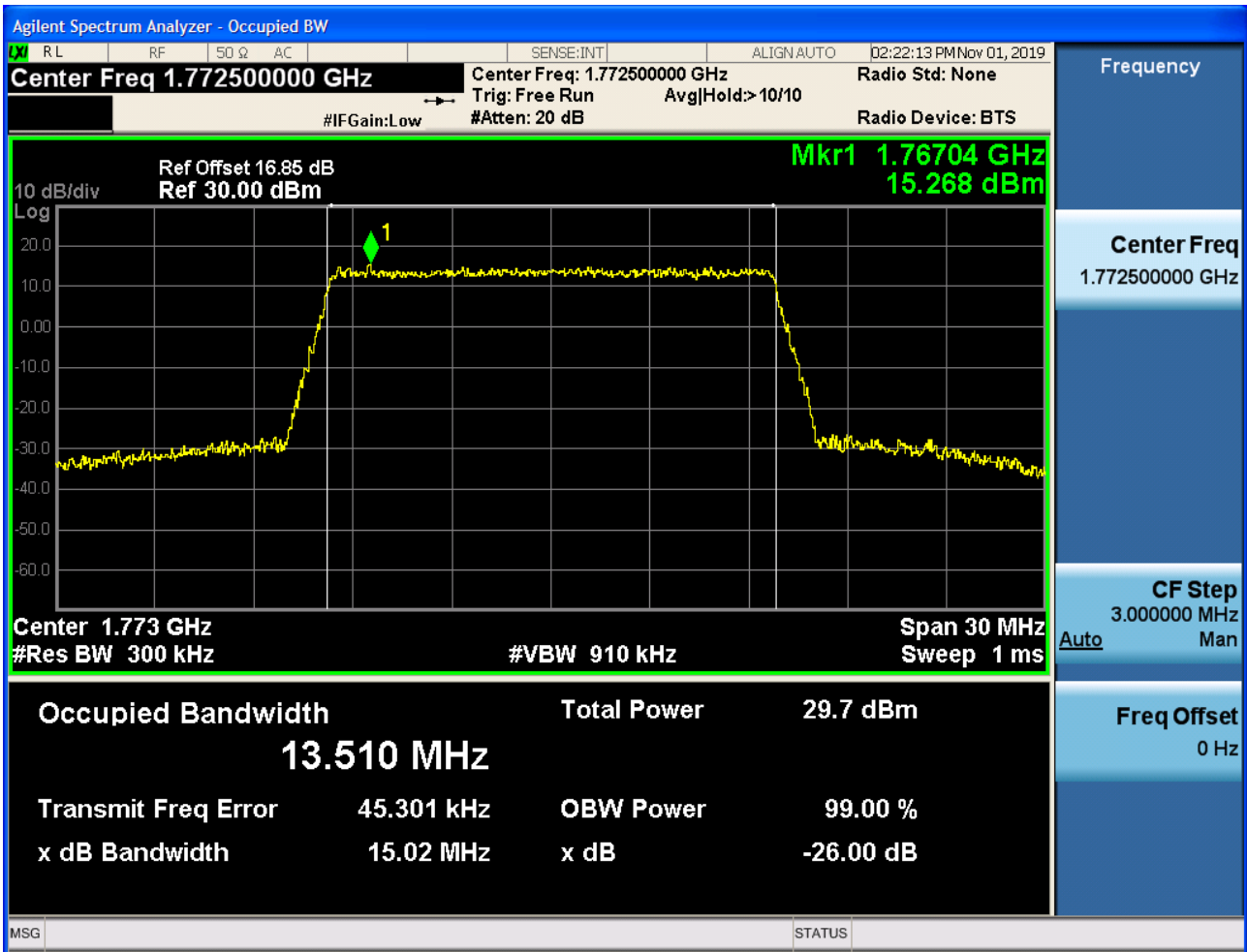
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

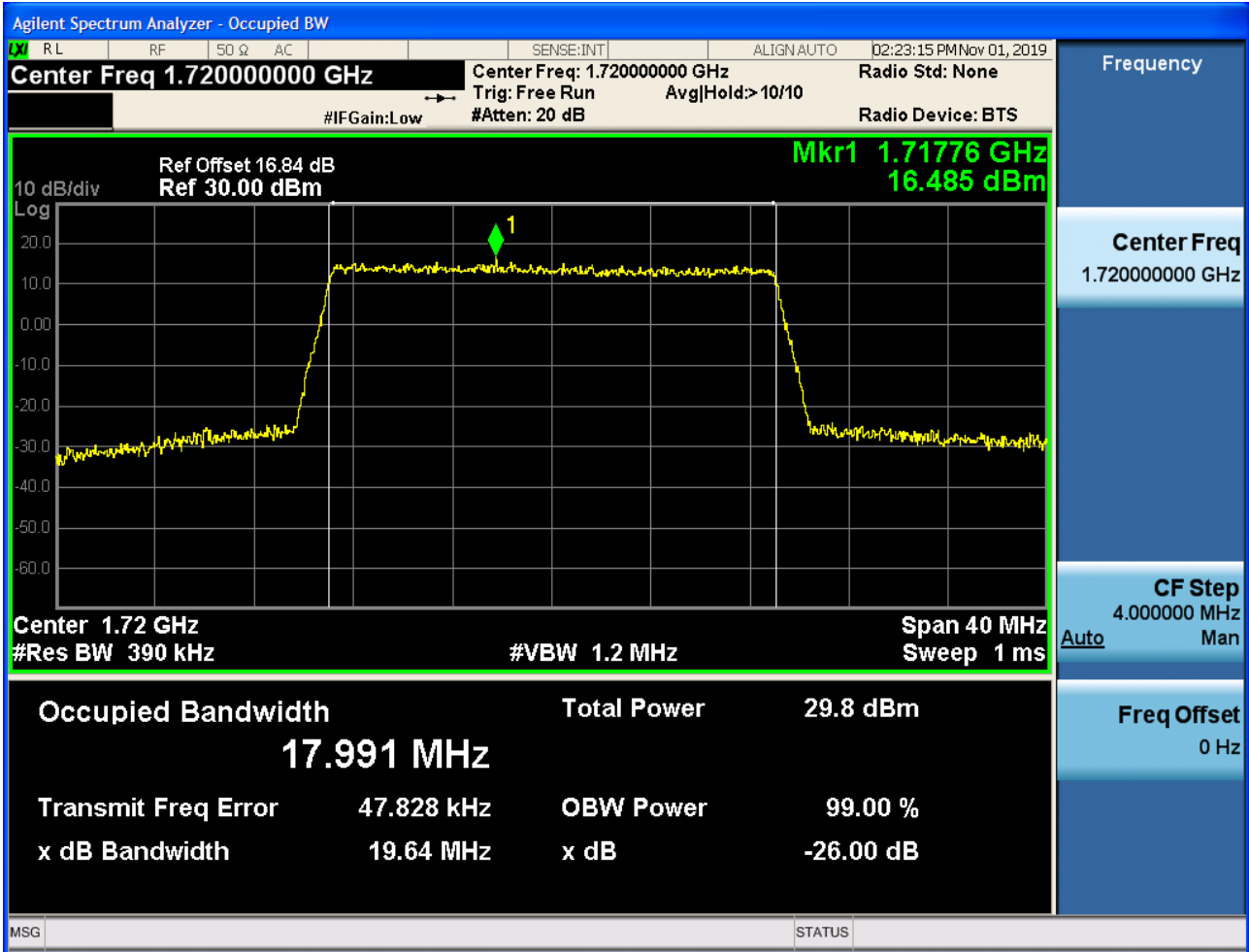
4.1.1.1.5.3.1 Test RB = RB75#0



4.1.1.1.6 Test Bandwidth = 20

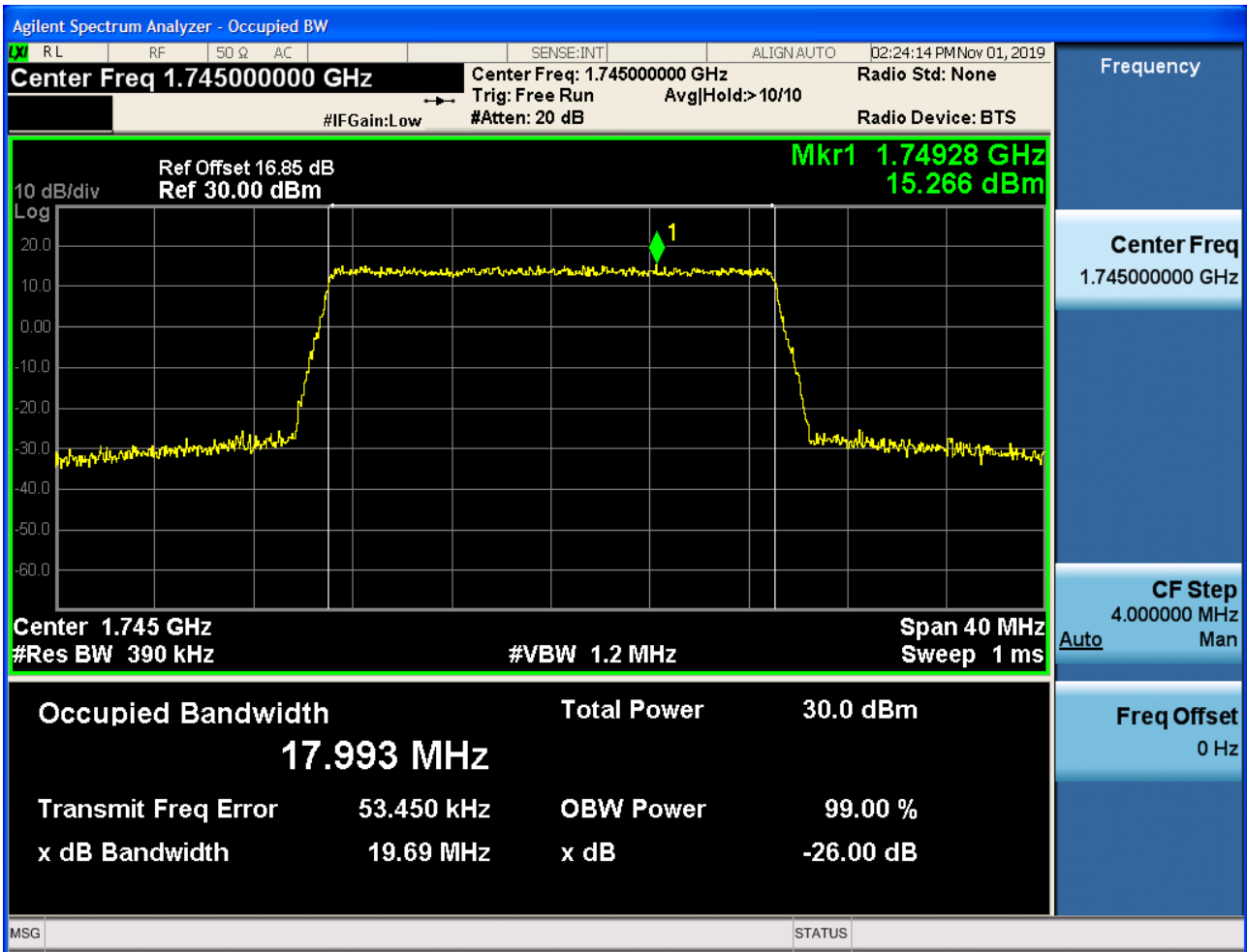
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



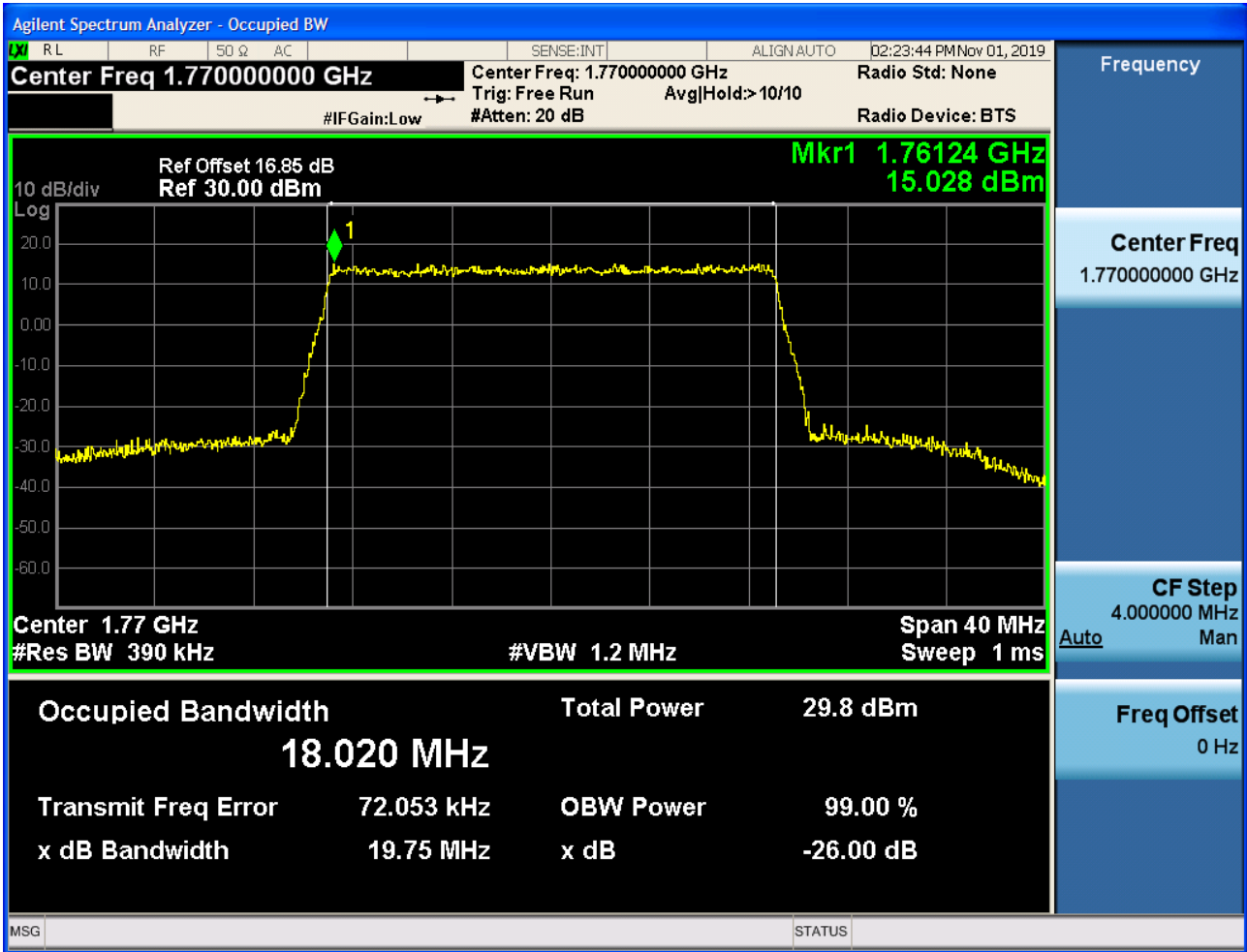
4.1.1.1.6.2 Test Channel = MCH

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





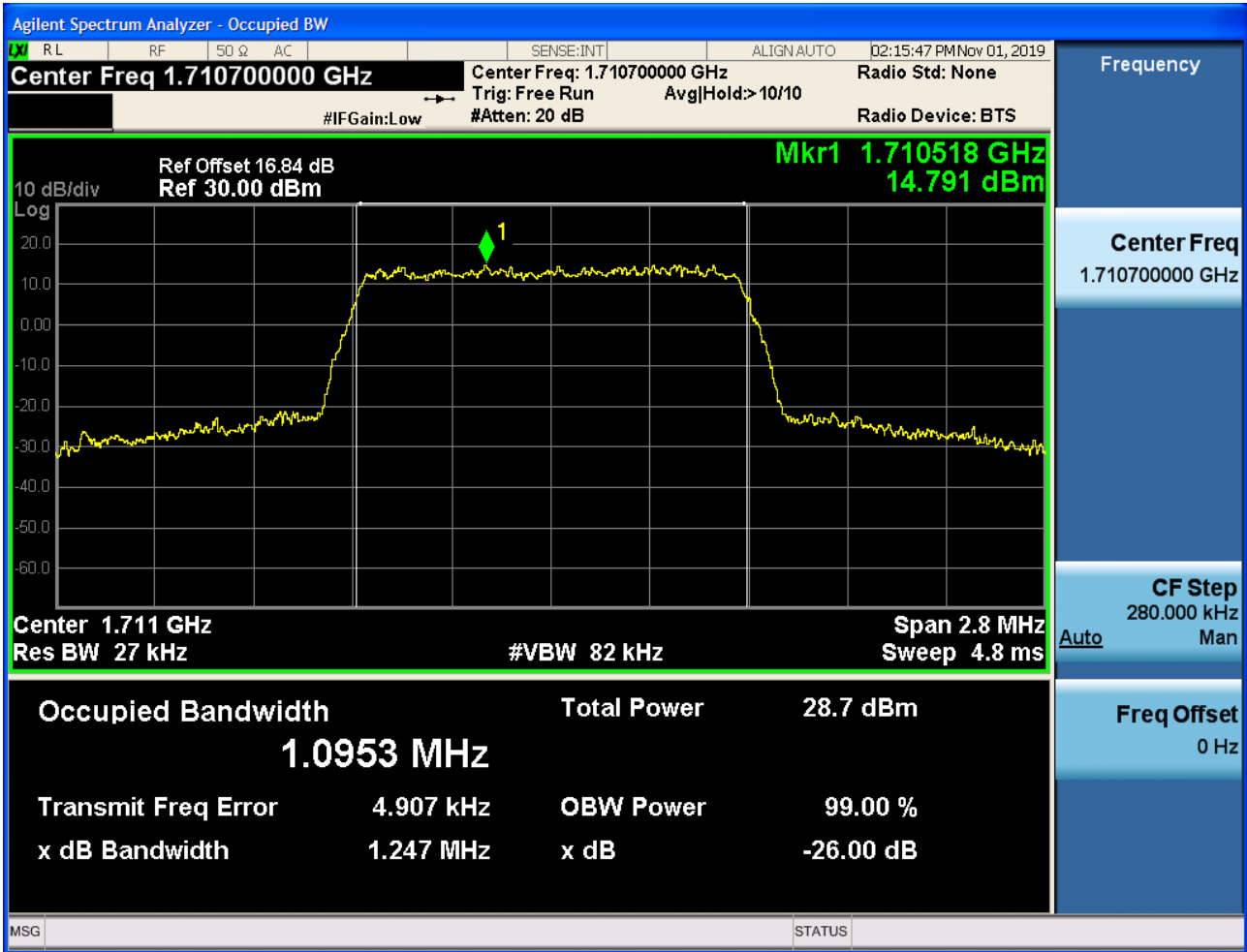


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

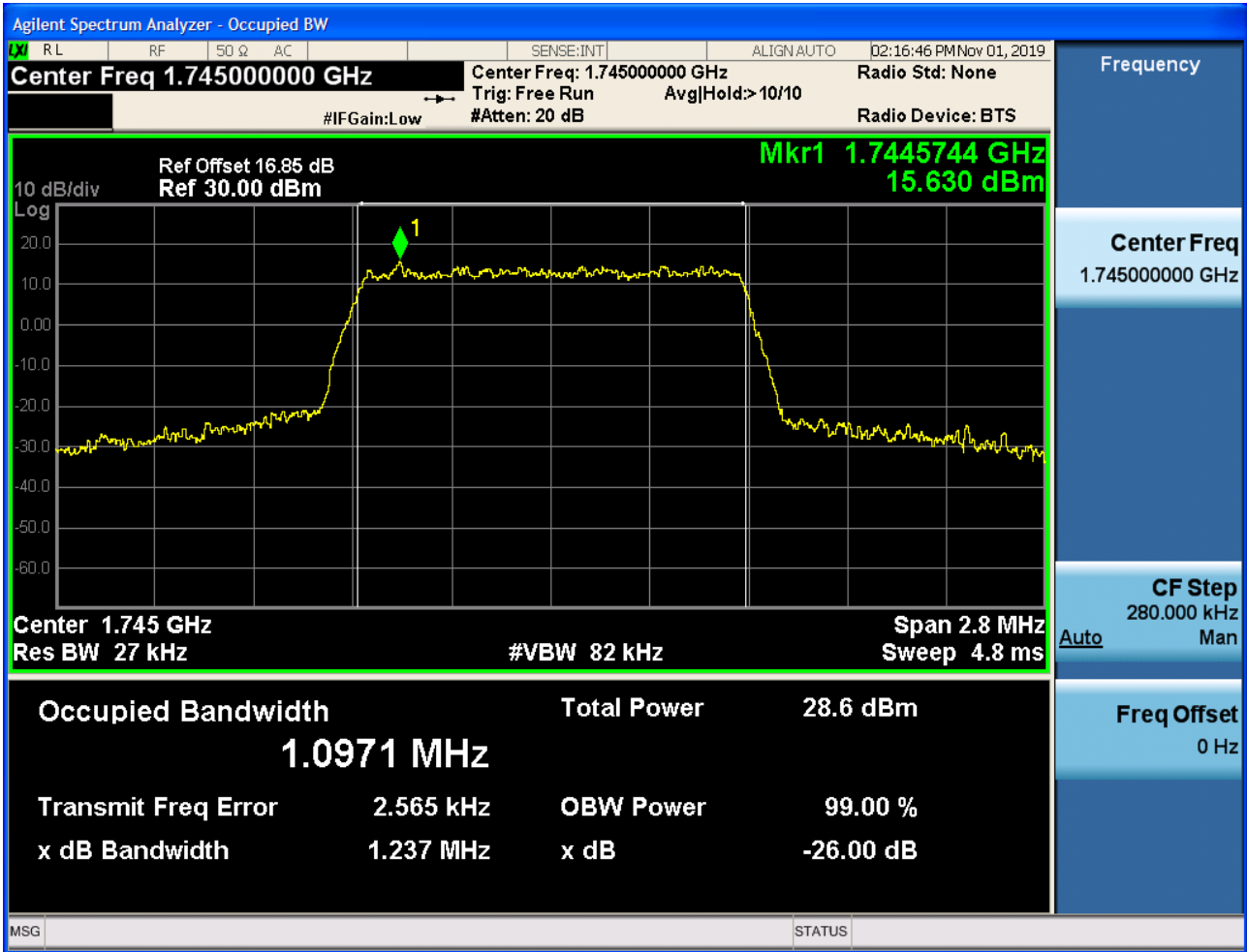
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



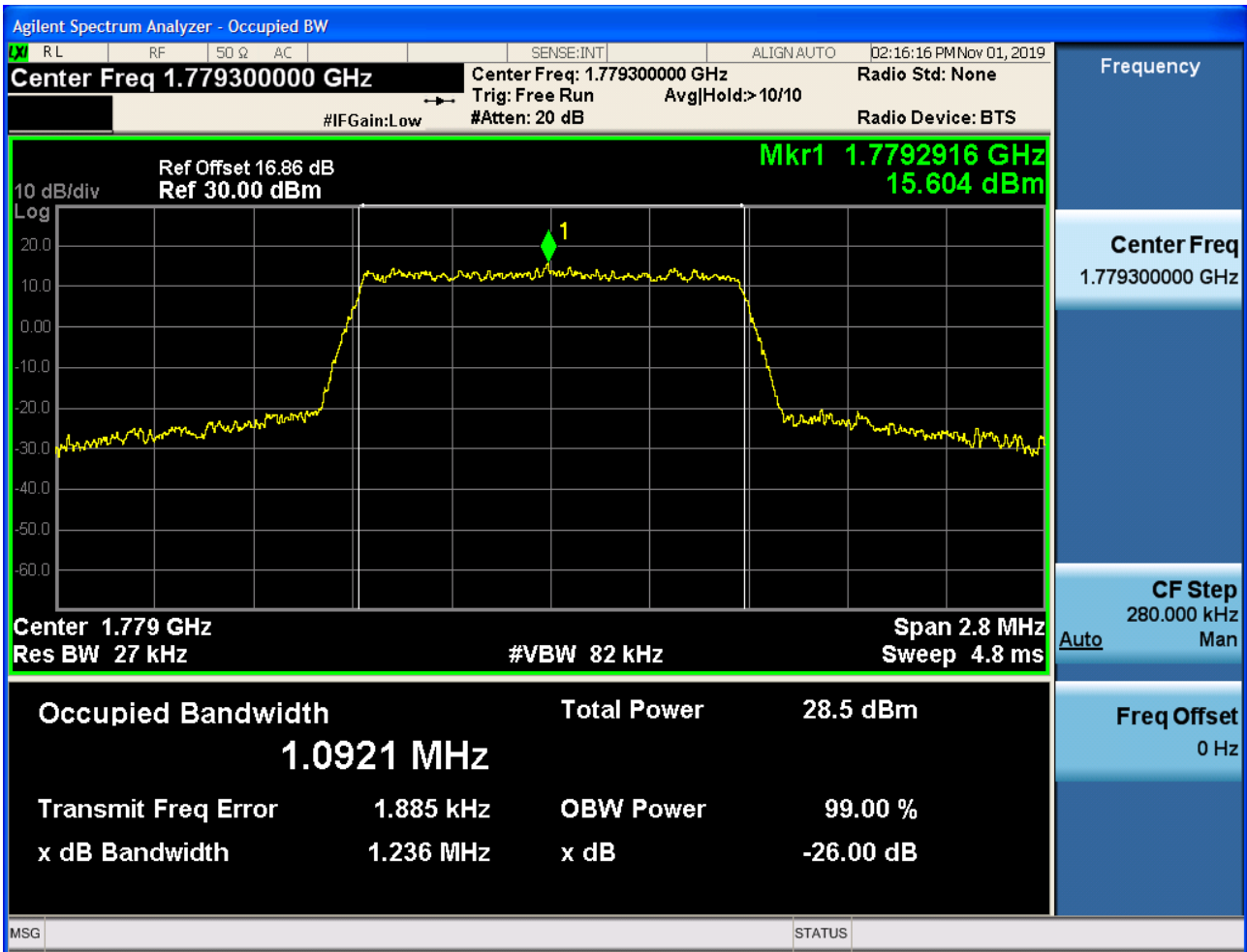
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB6#0



4.1.1.2.1.3 Test Channel = HCH

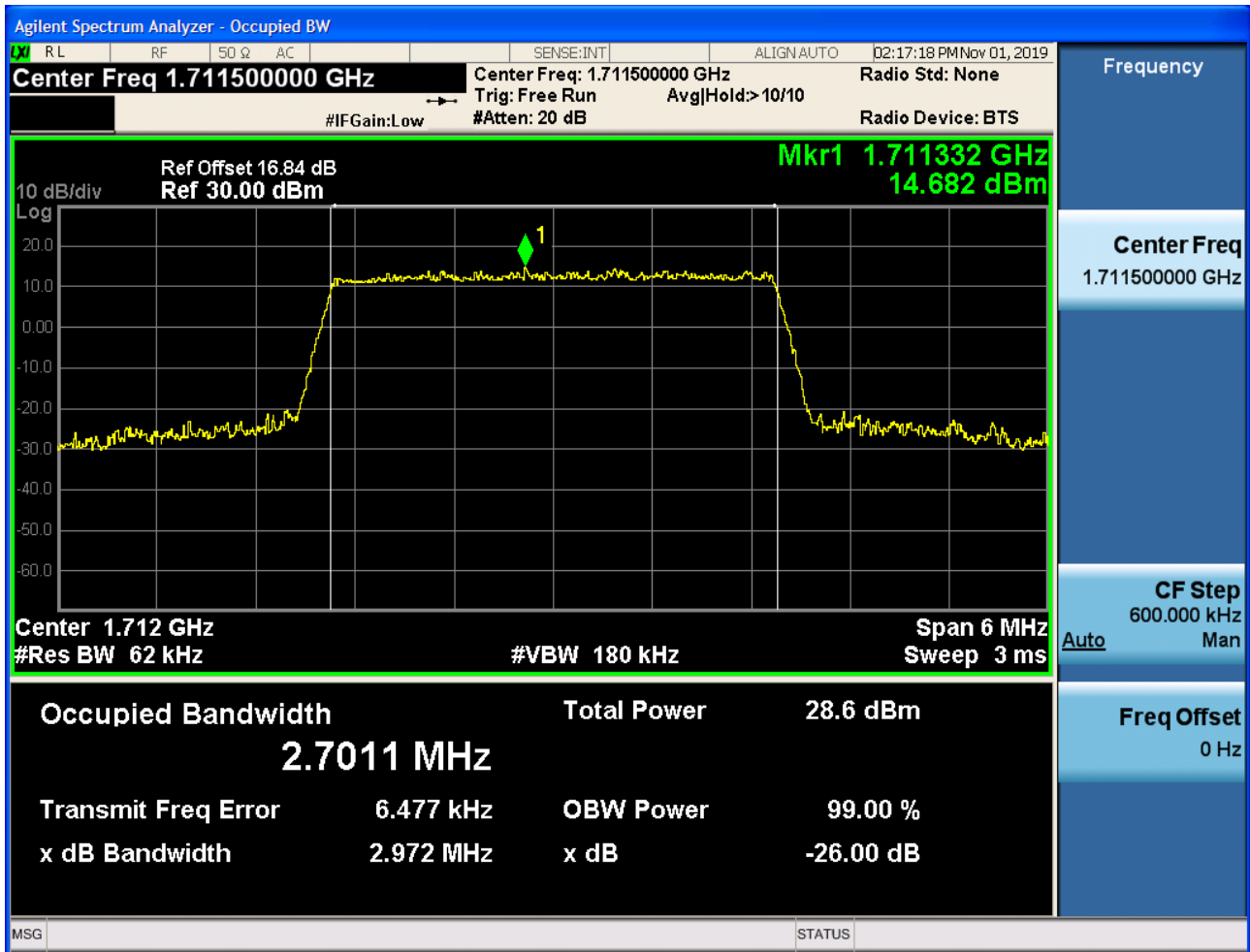
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

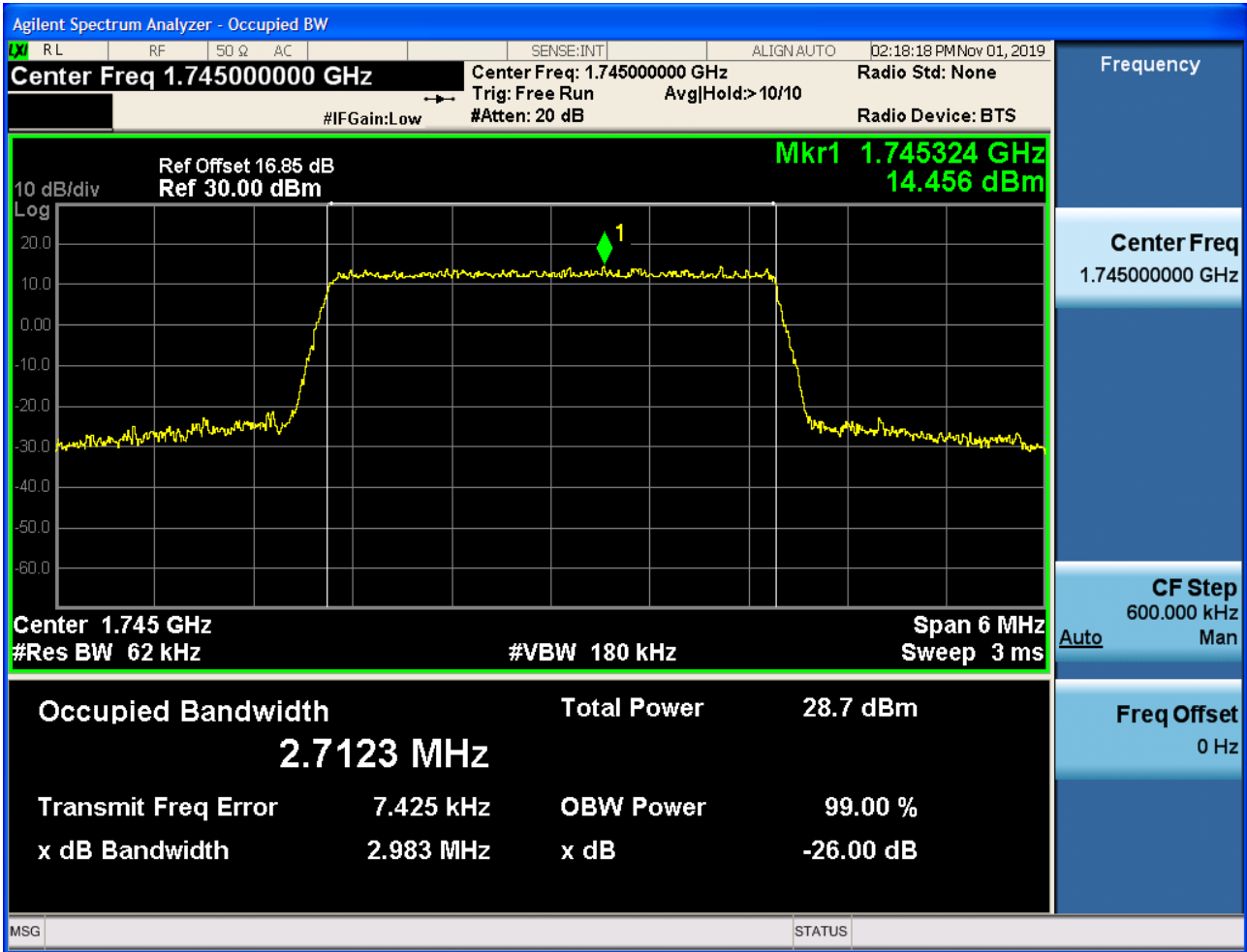
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



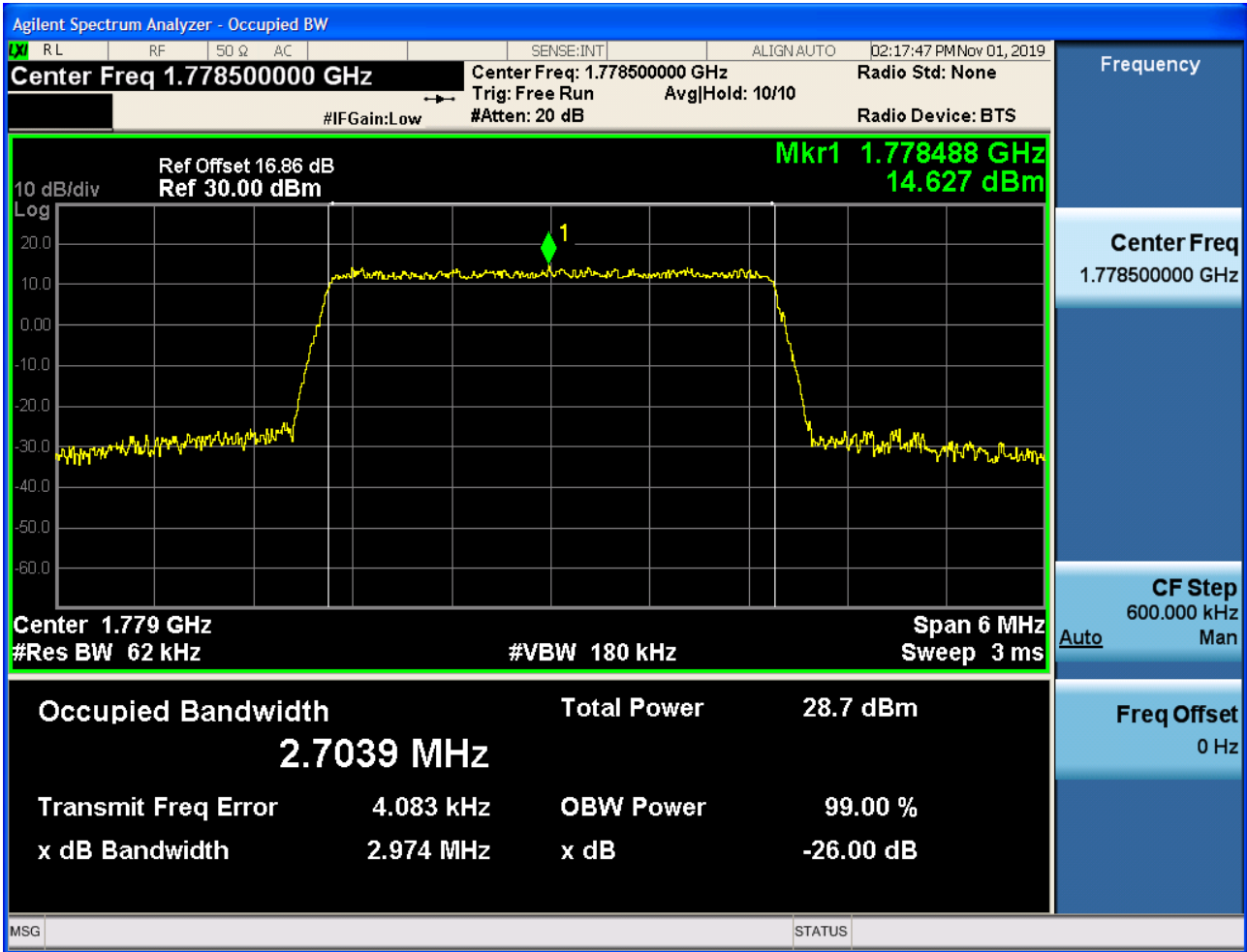
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

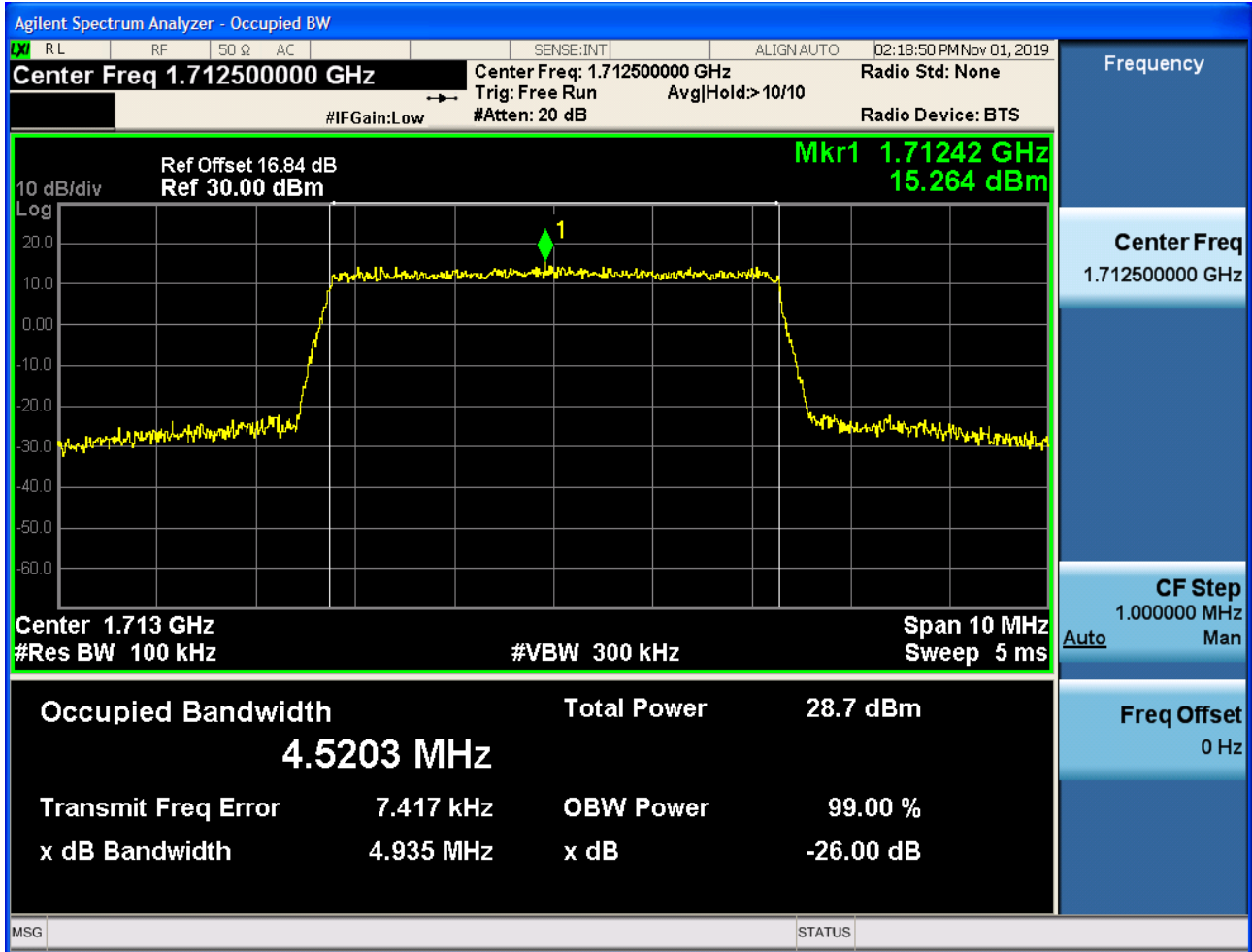
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

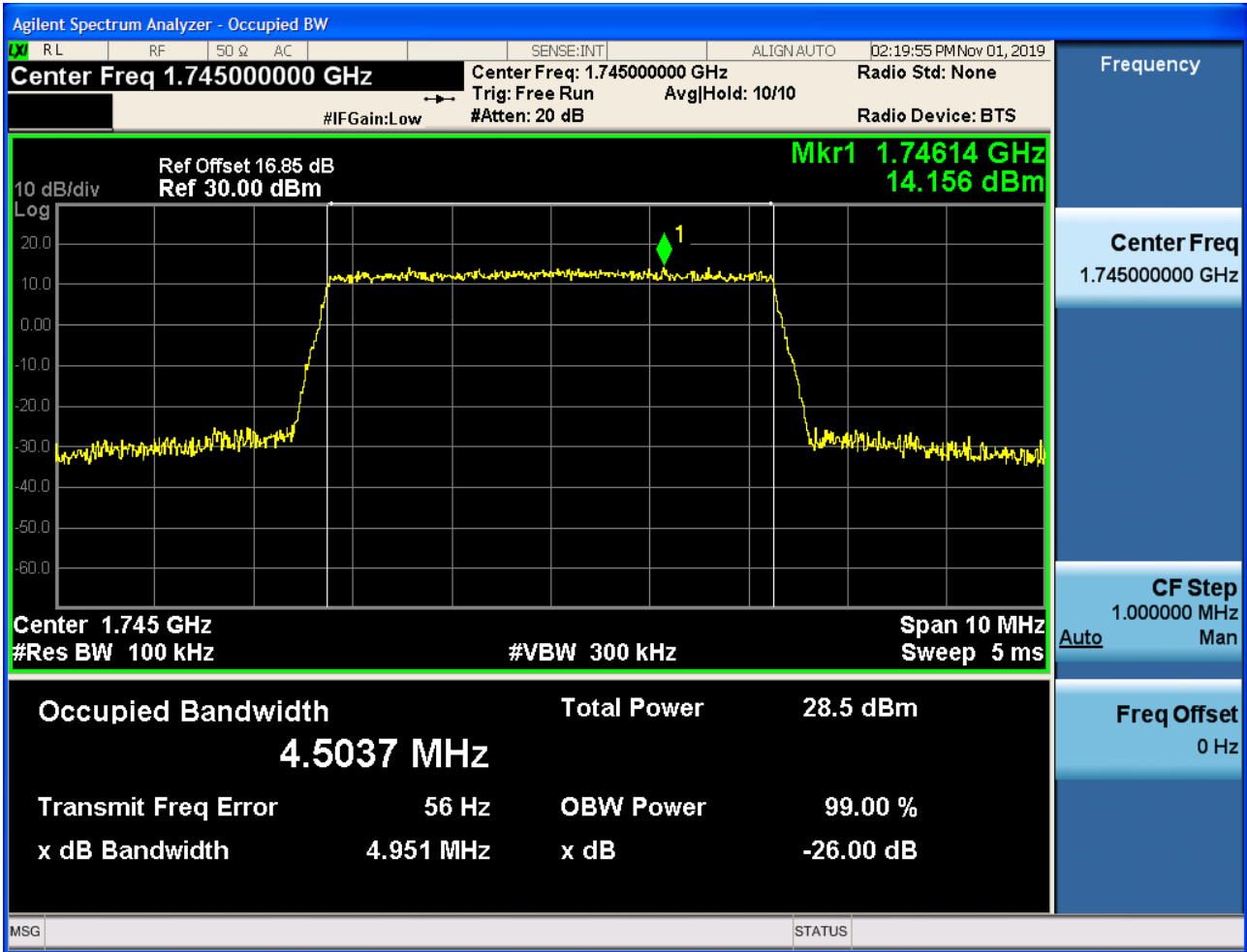
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

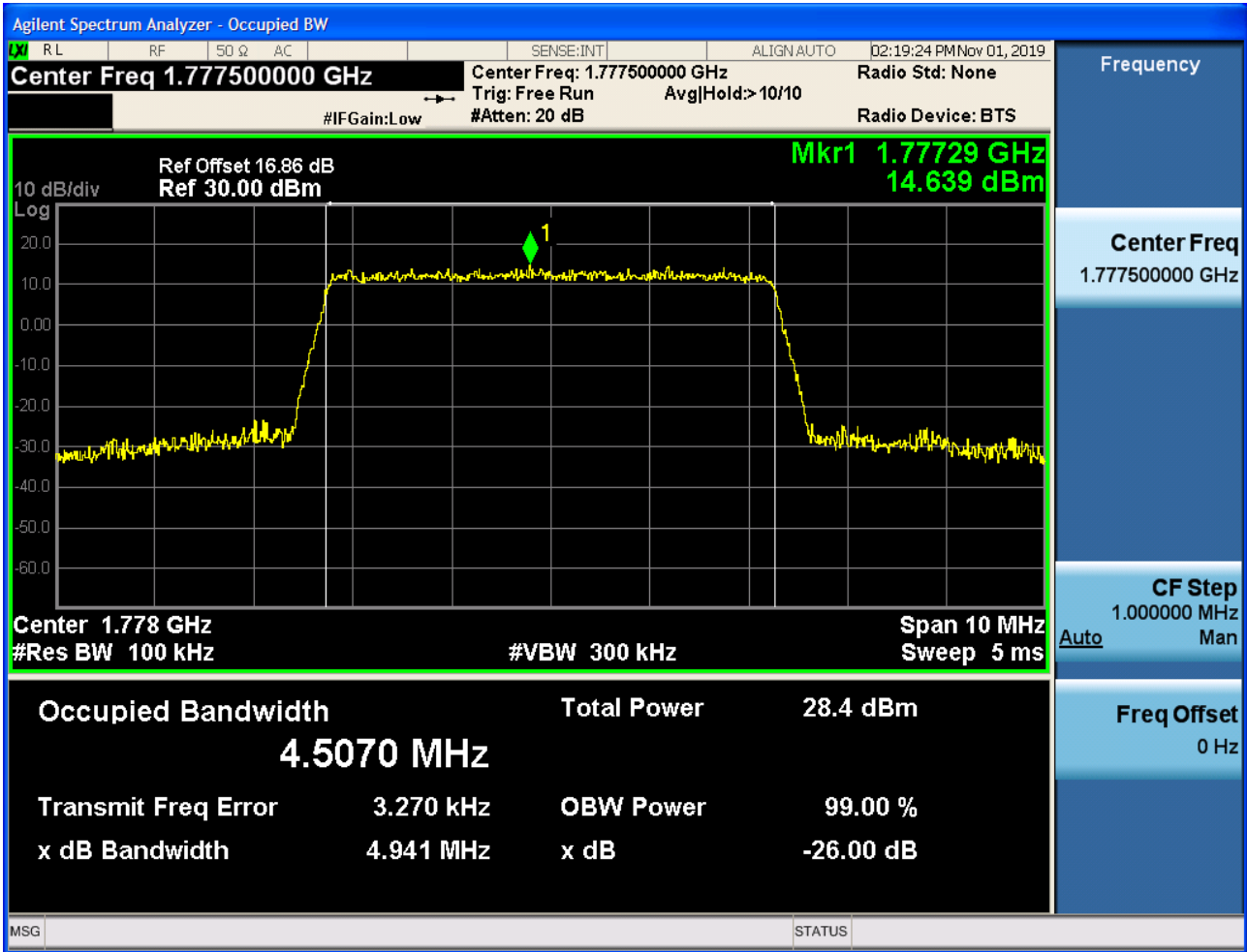
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

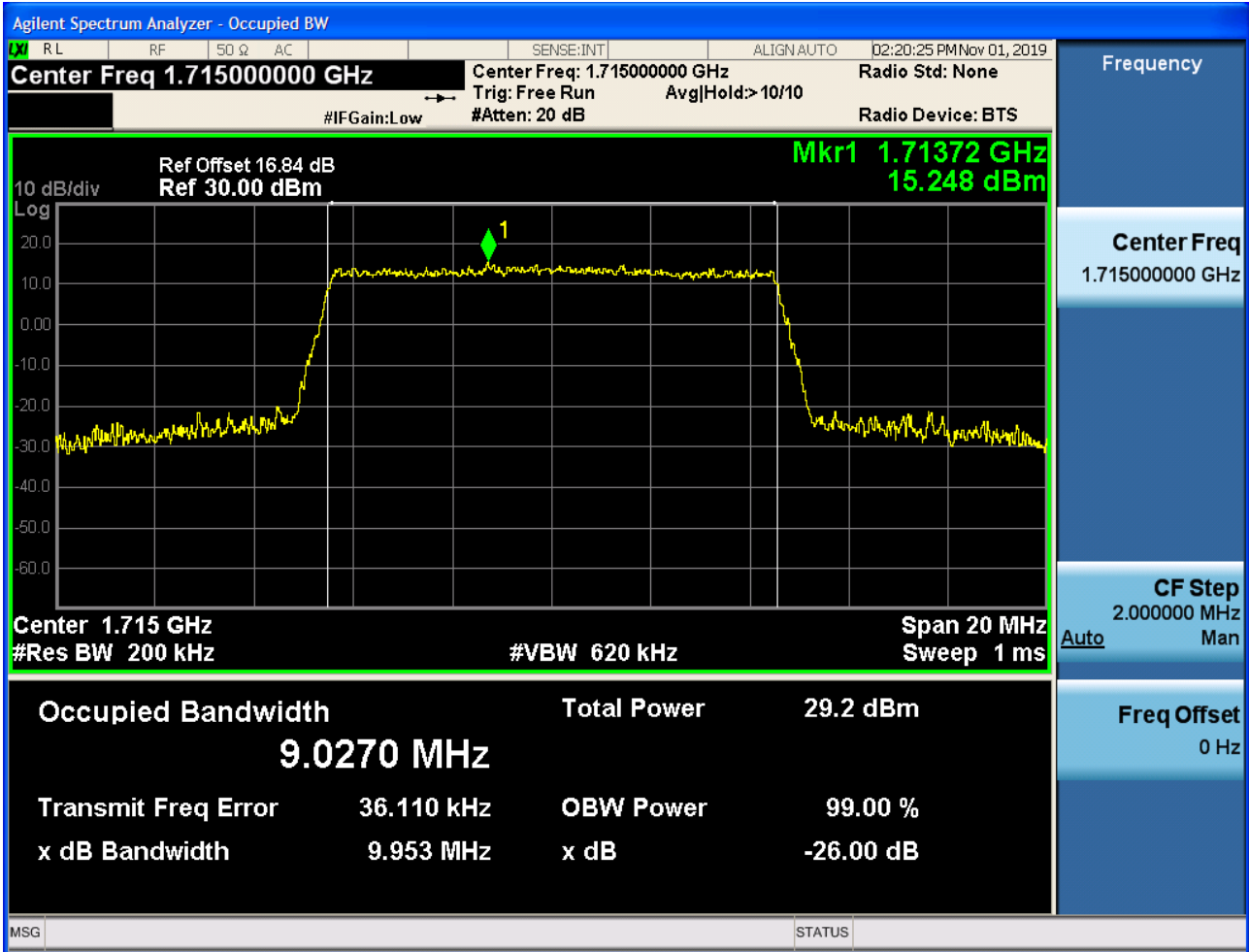
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

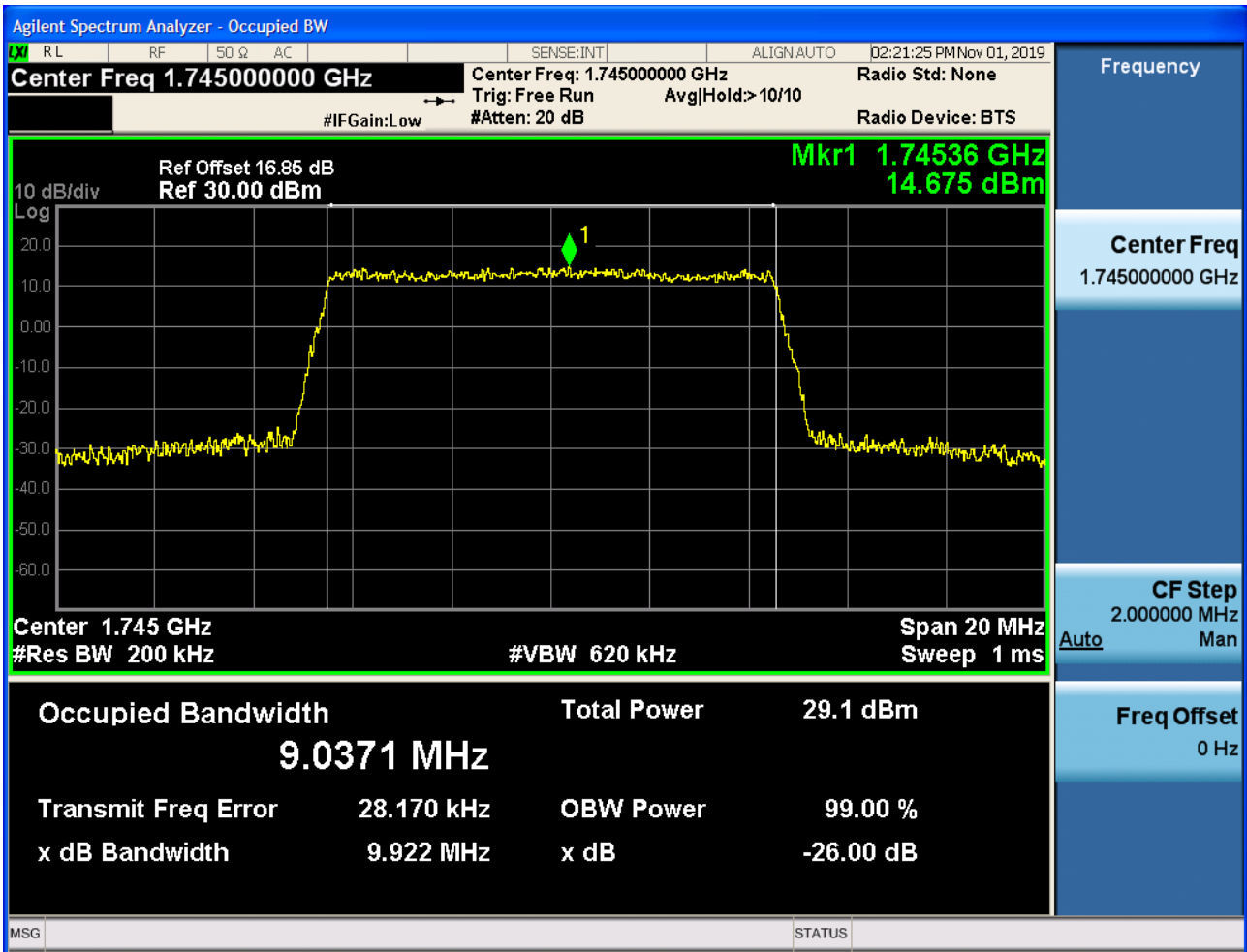
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



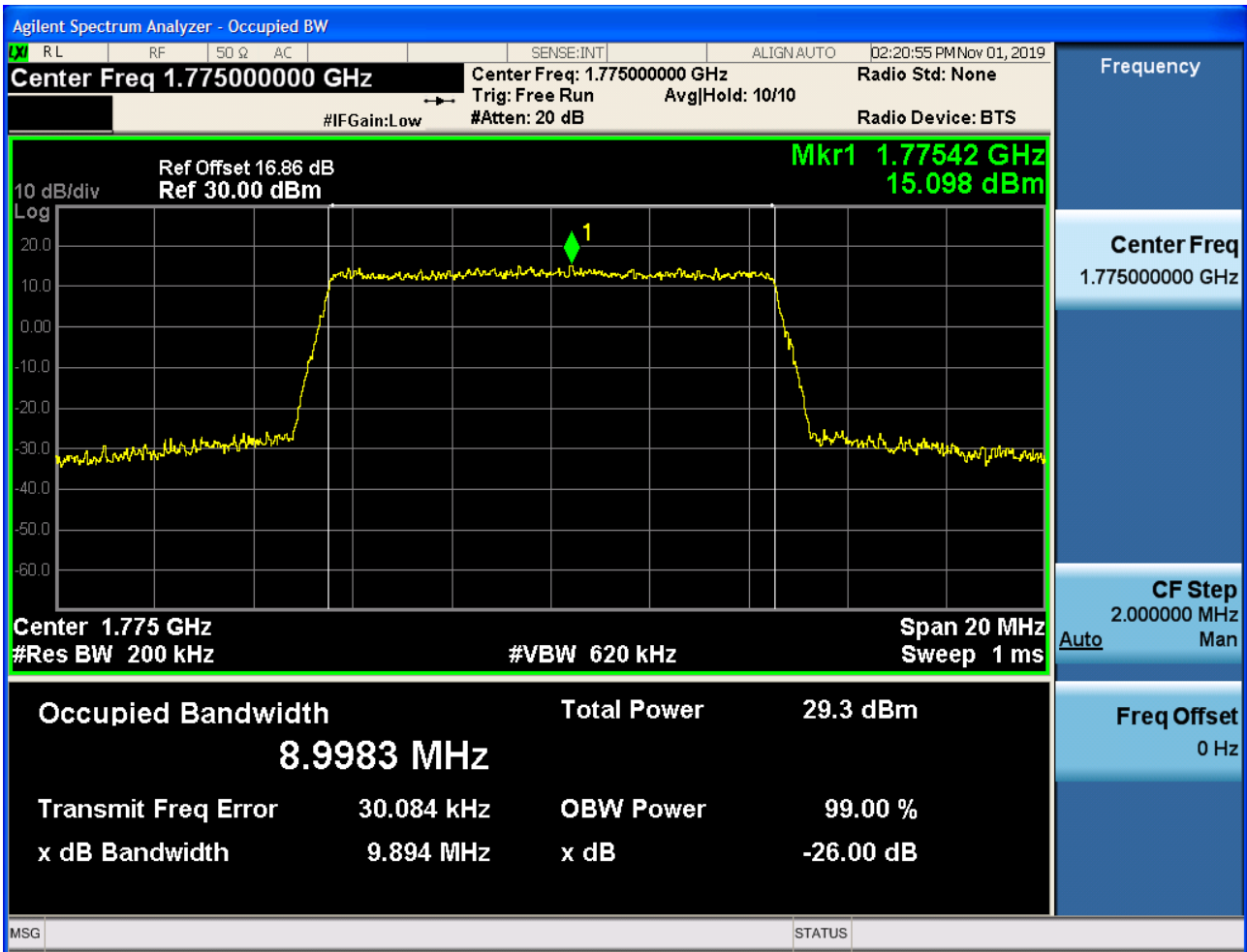
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

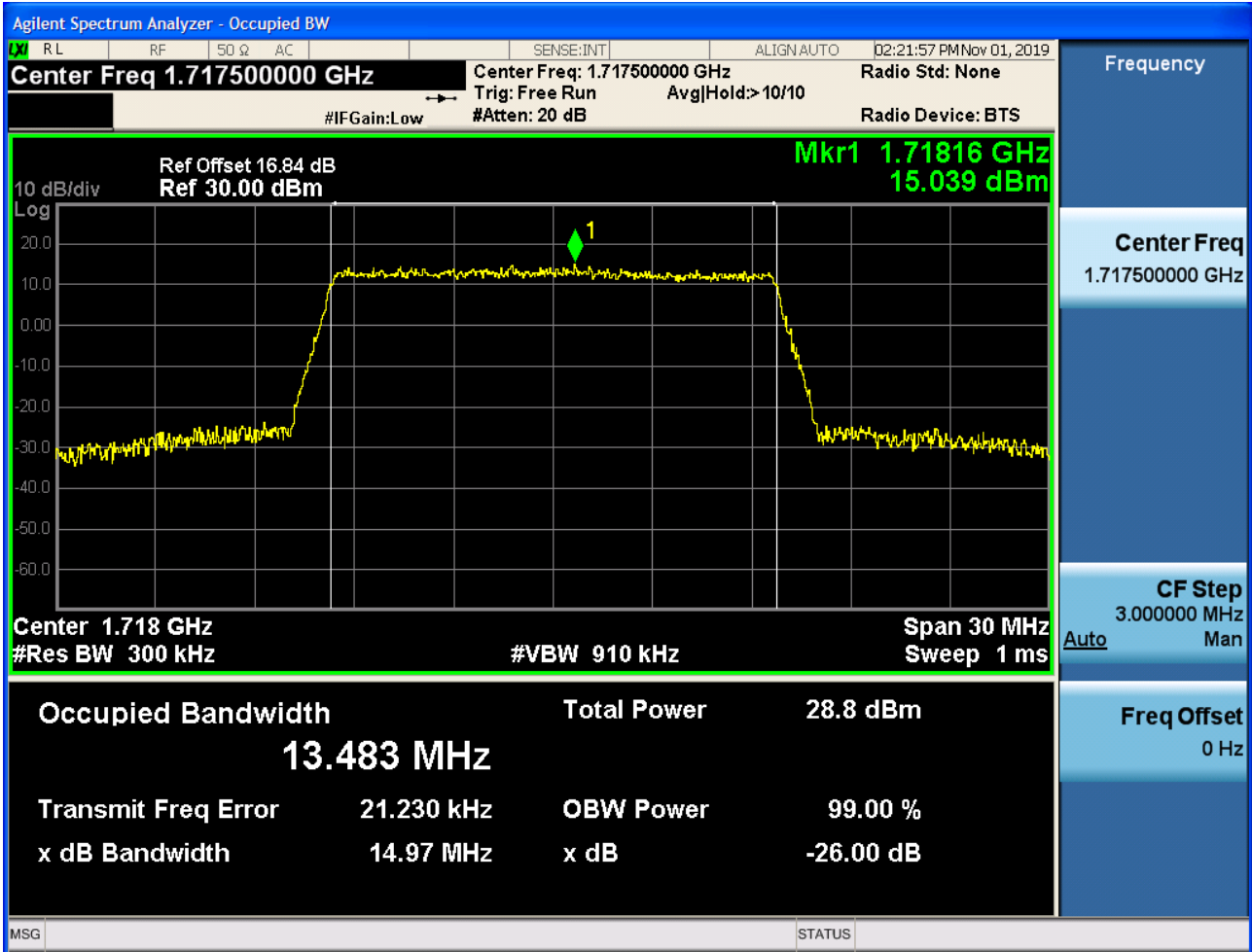
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

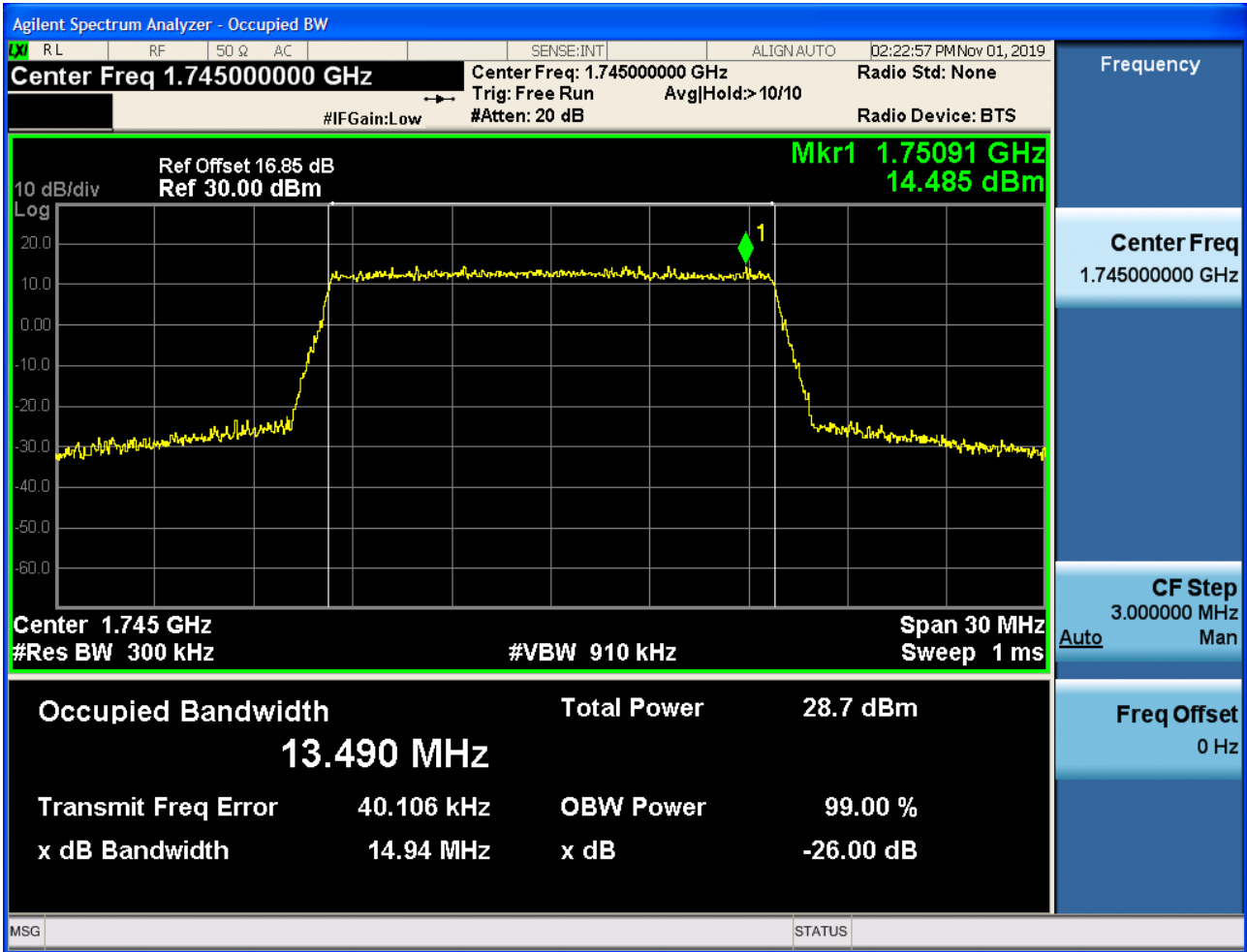
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



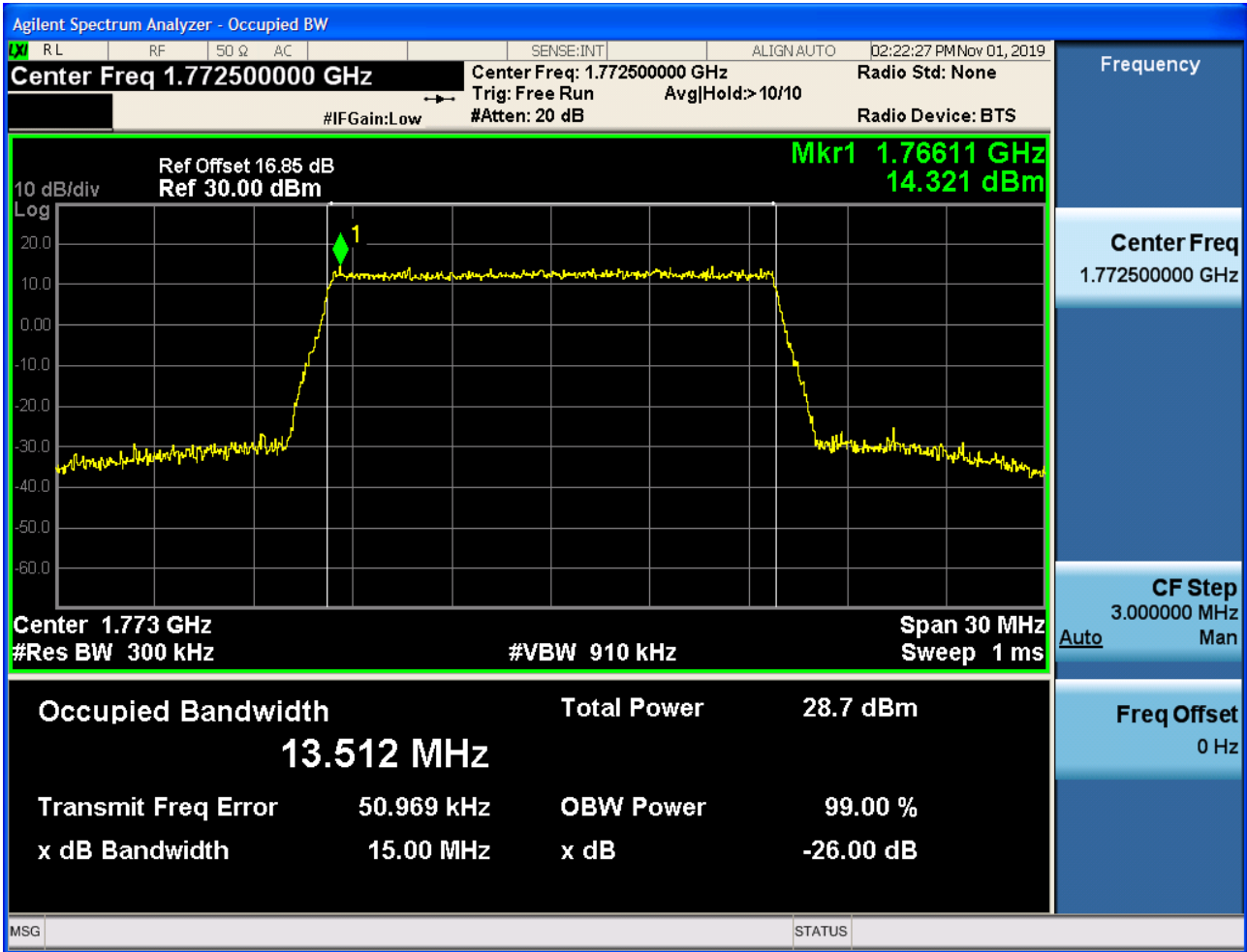
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

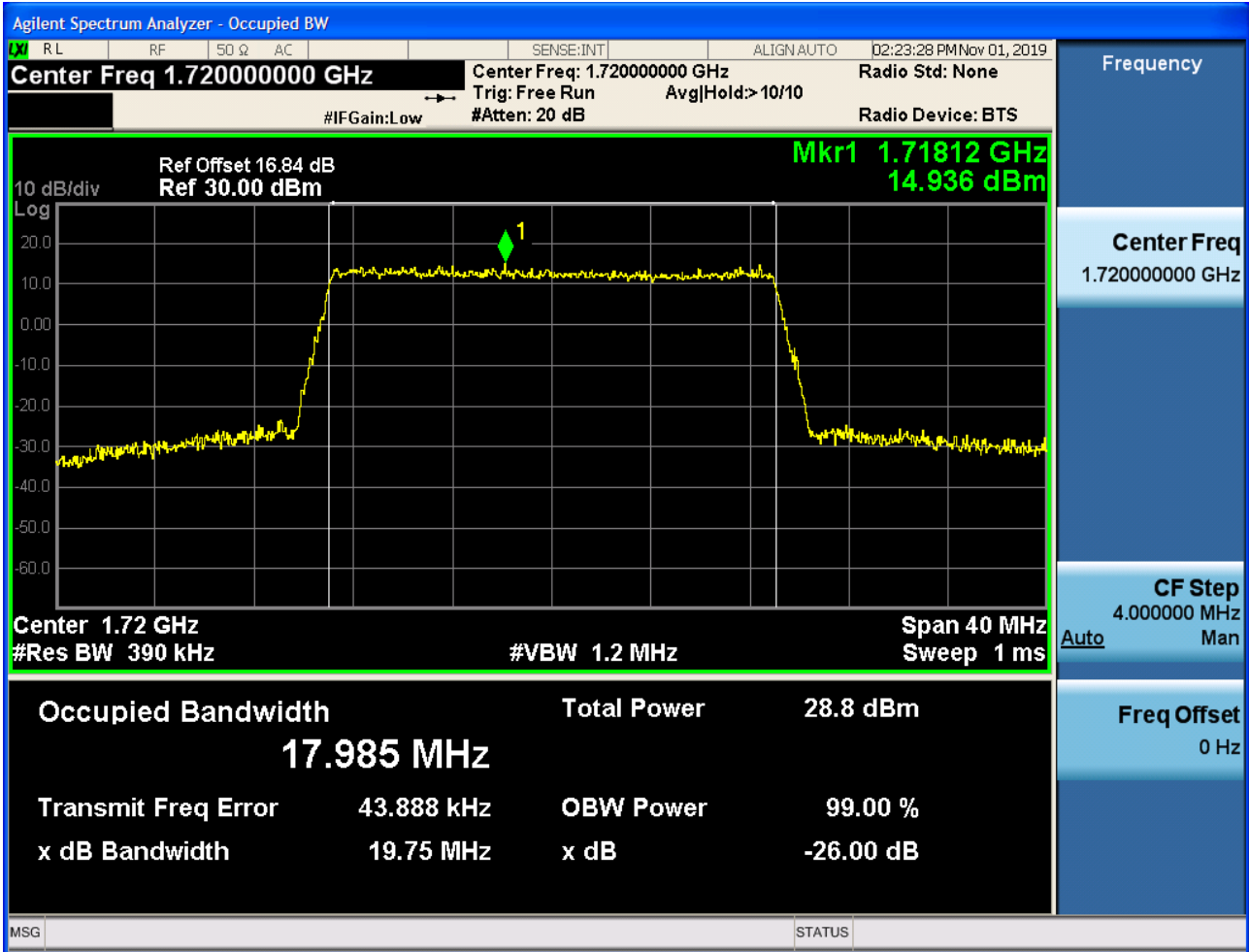
4.1.1.2.5.3.1 Test RB = RB75#0



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

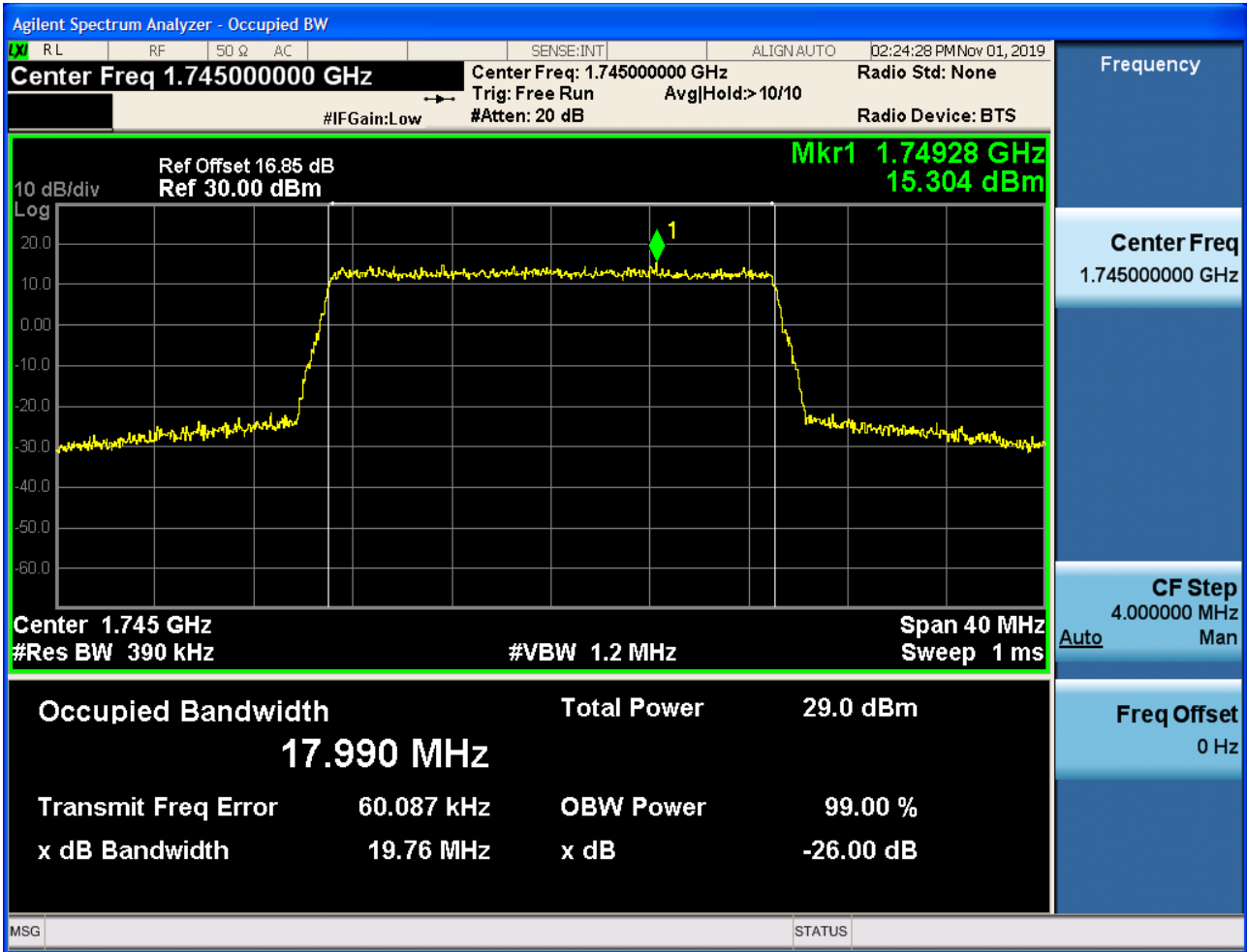






4.1.1.2.6.2 Test Channel = MCH

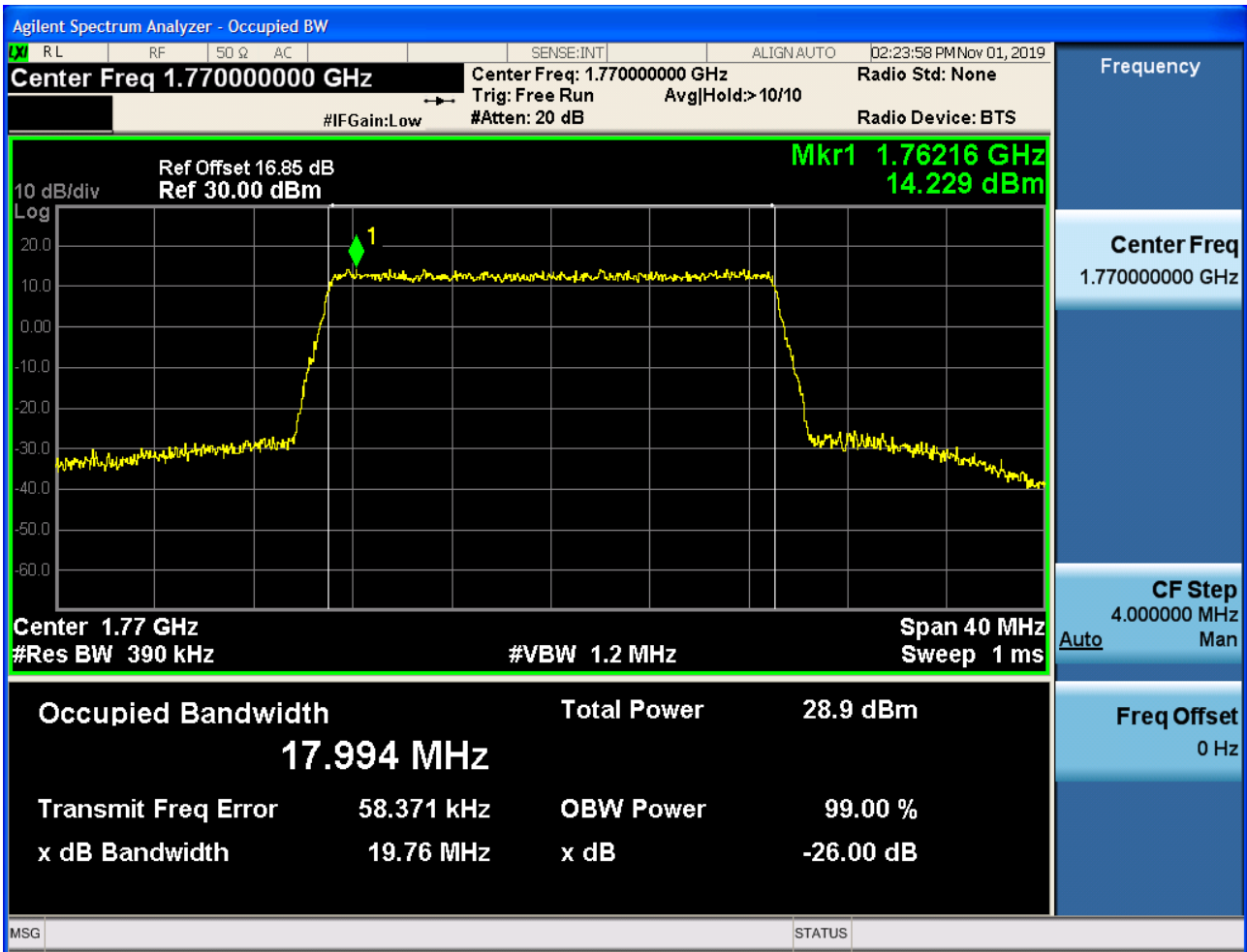
4.1.1.2.6.2.1 Test RB = RB100#0





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

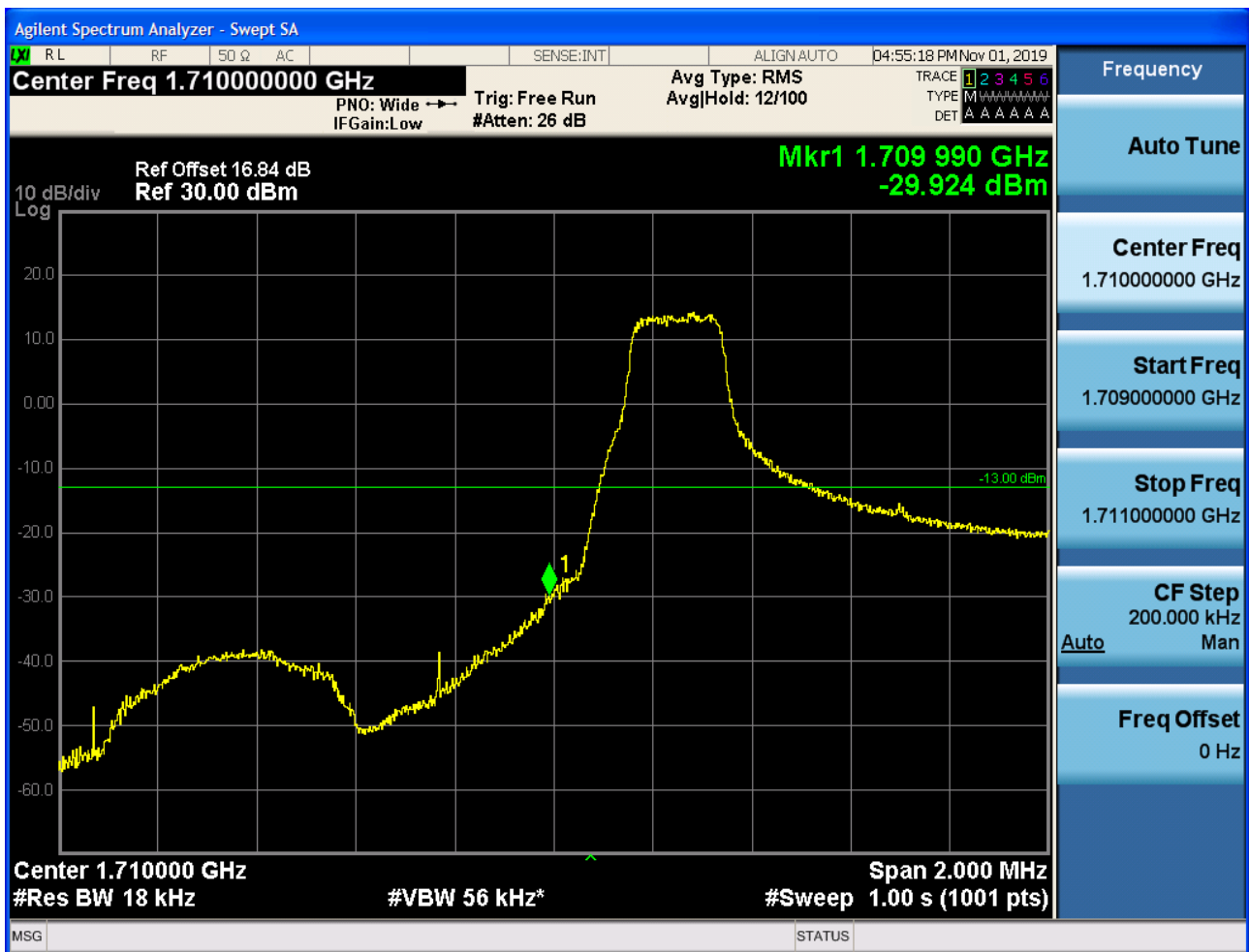
##### 5.1.1 Test Band = Band66

##### 5.1.1.1 Test Mode = LTE/TM1

##### 5.1.1.1.1 Test Bandwidth = 1.4

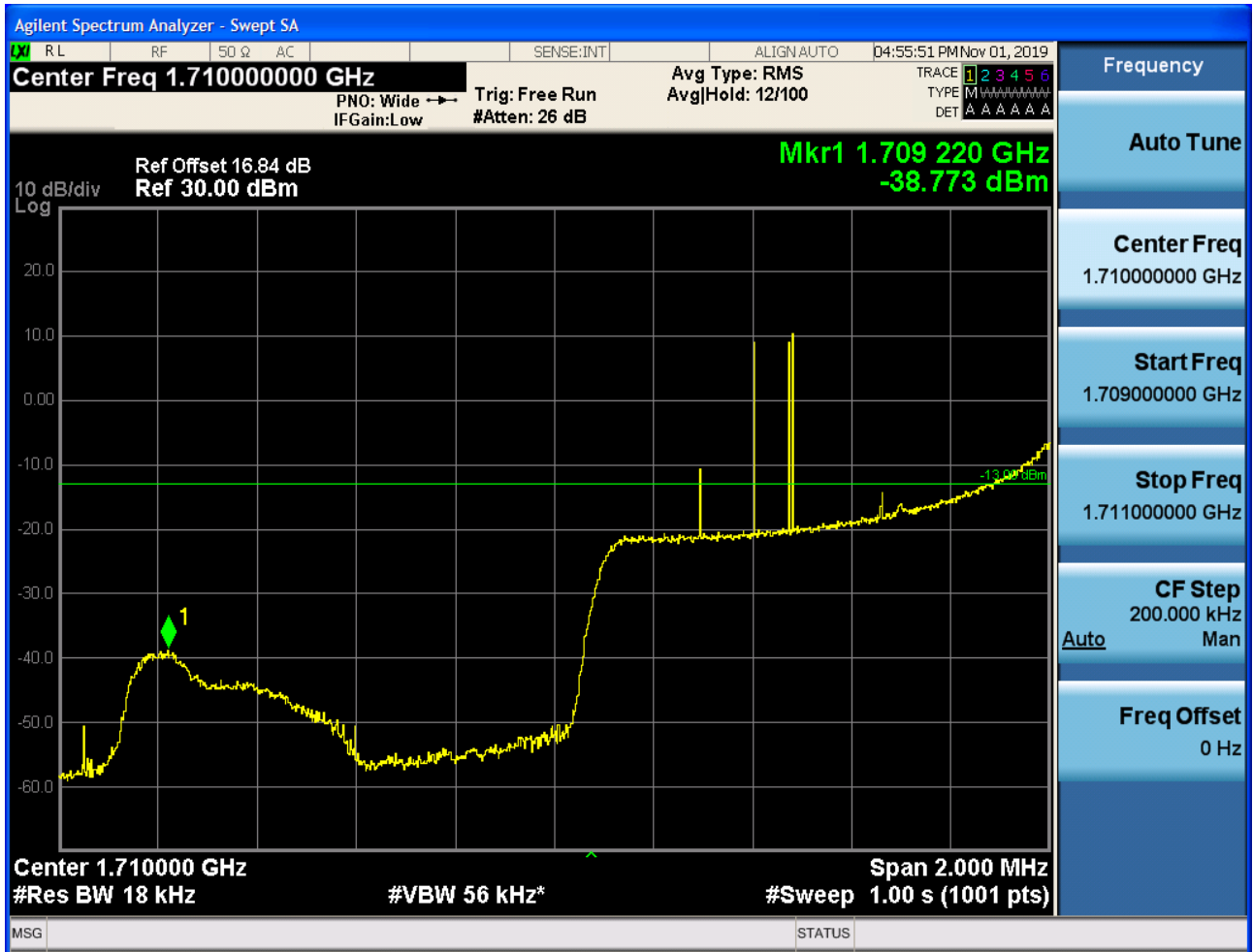
##### 5.1.1.1.1.1 Test Channel = LCH

##### 5.1.1.1.1.1.1 Test RB = RB1#0



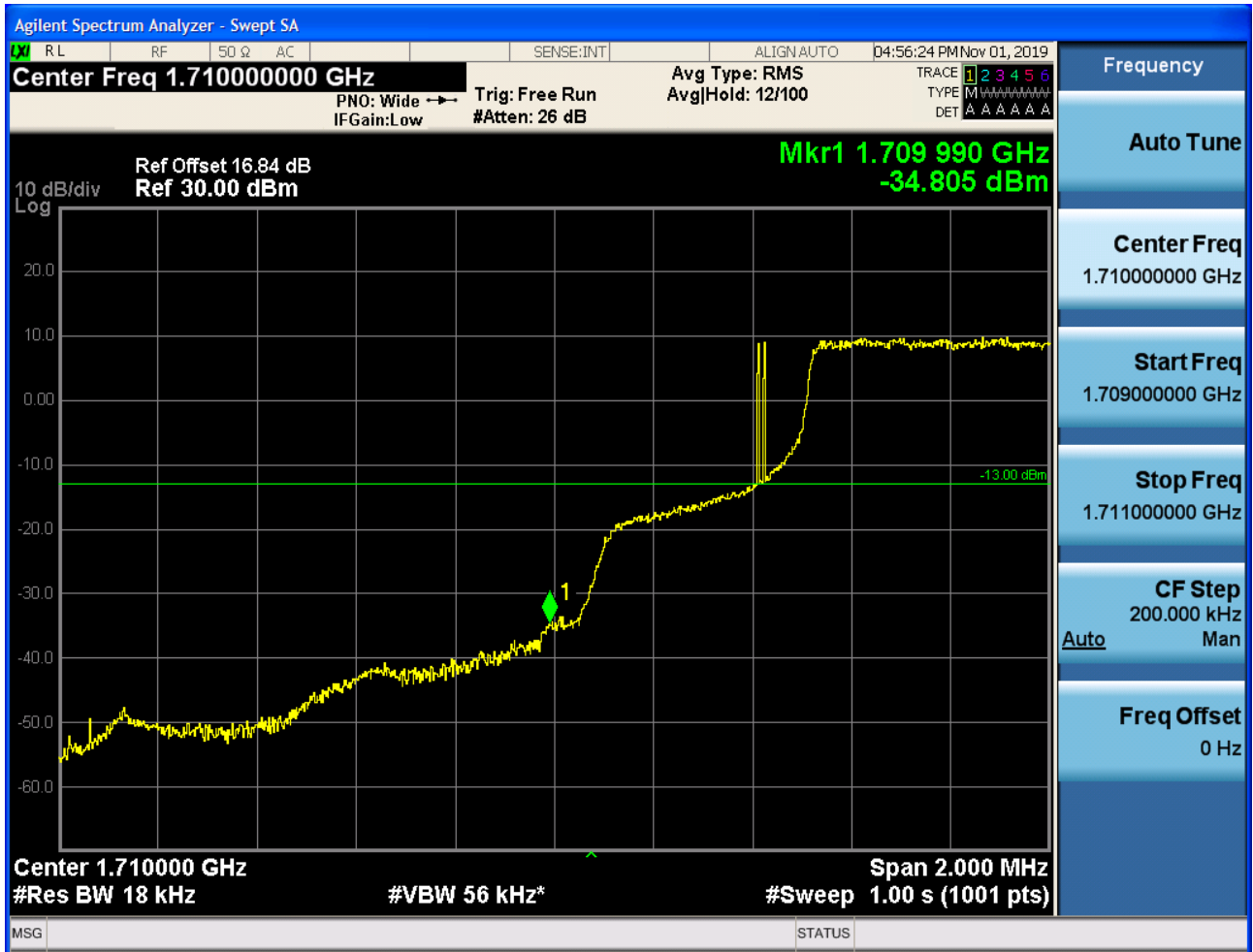


5.1.1.1.1.2 Test RB = RB1#5



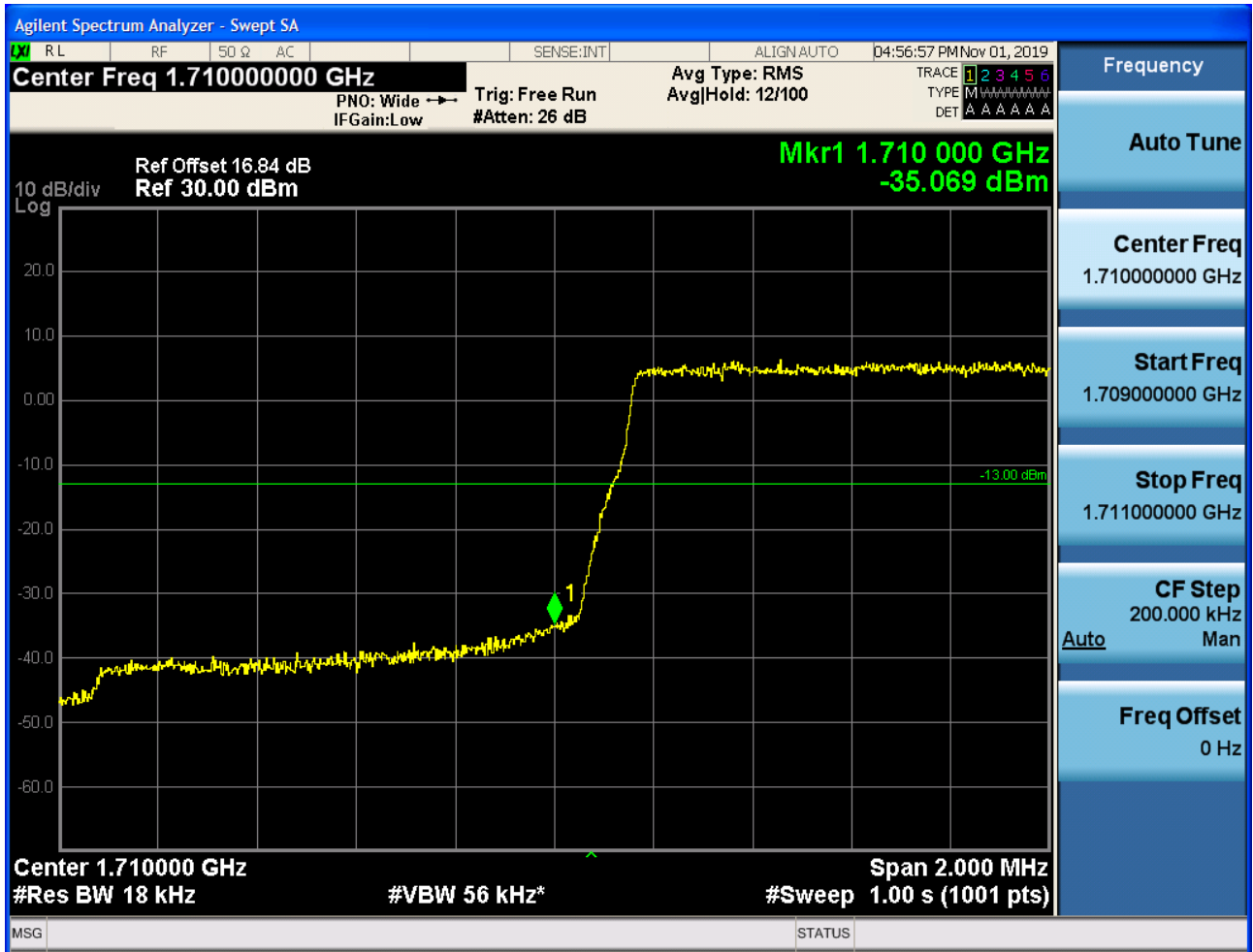


5.1.1.1.1.3 Test RB = RB3#2



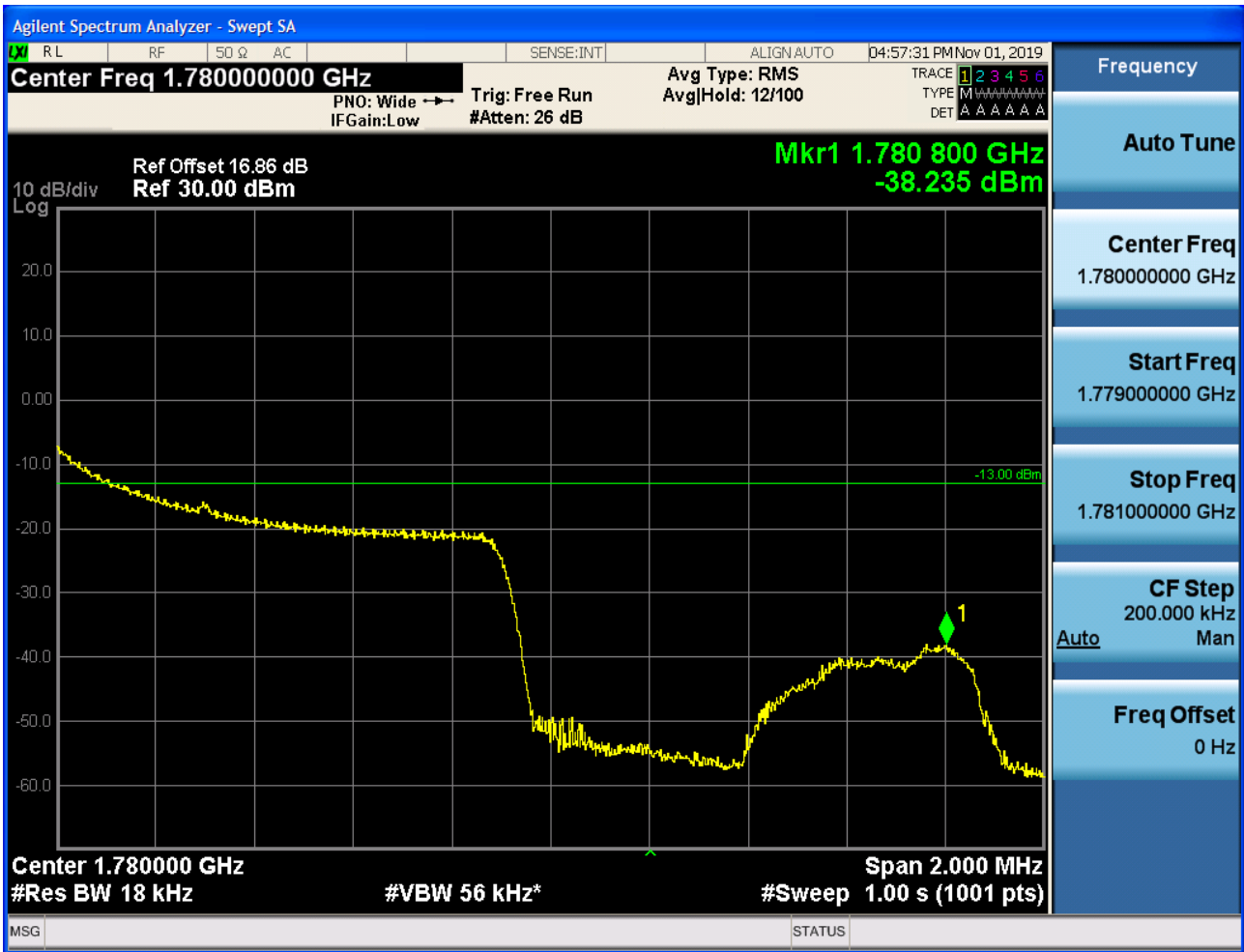


5.1.1.1.1.4 Test RB = RB6#0



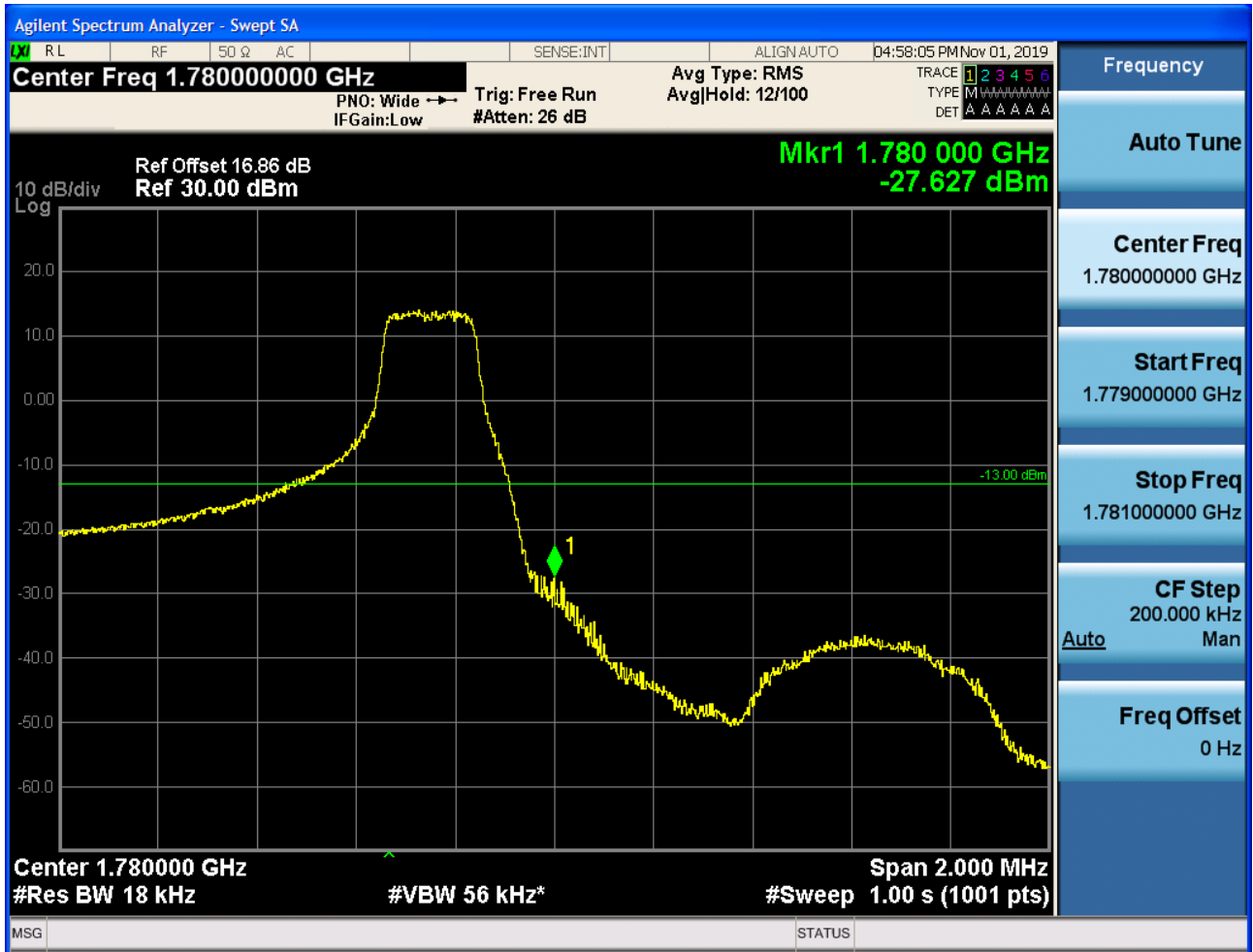
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





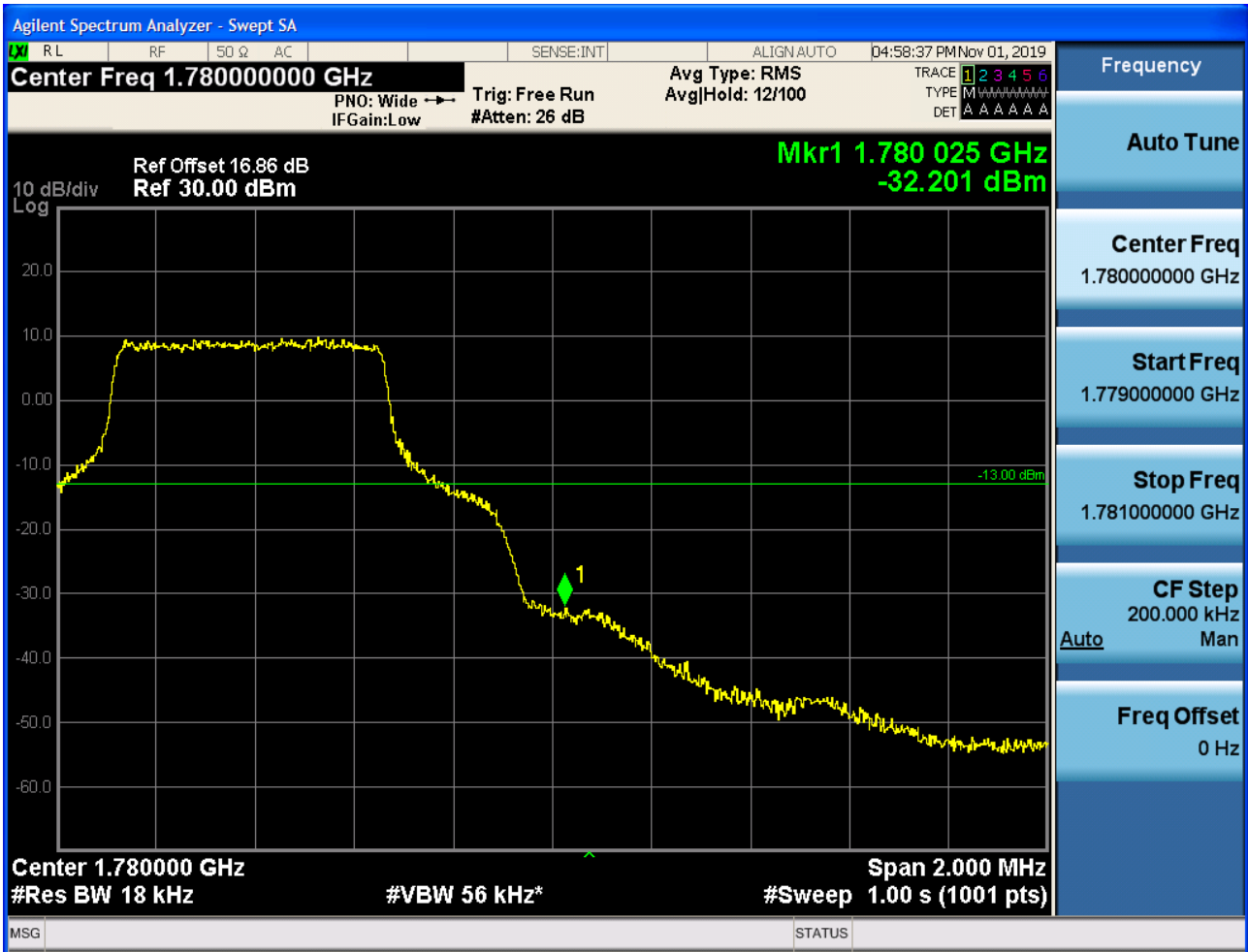
5.1.1.1.2.2 Test RB = RB1#5







5.1.1.1.1.2.3 Test RB = RB3#2





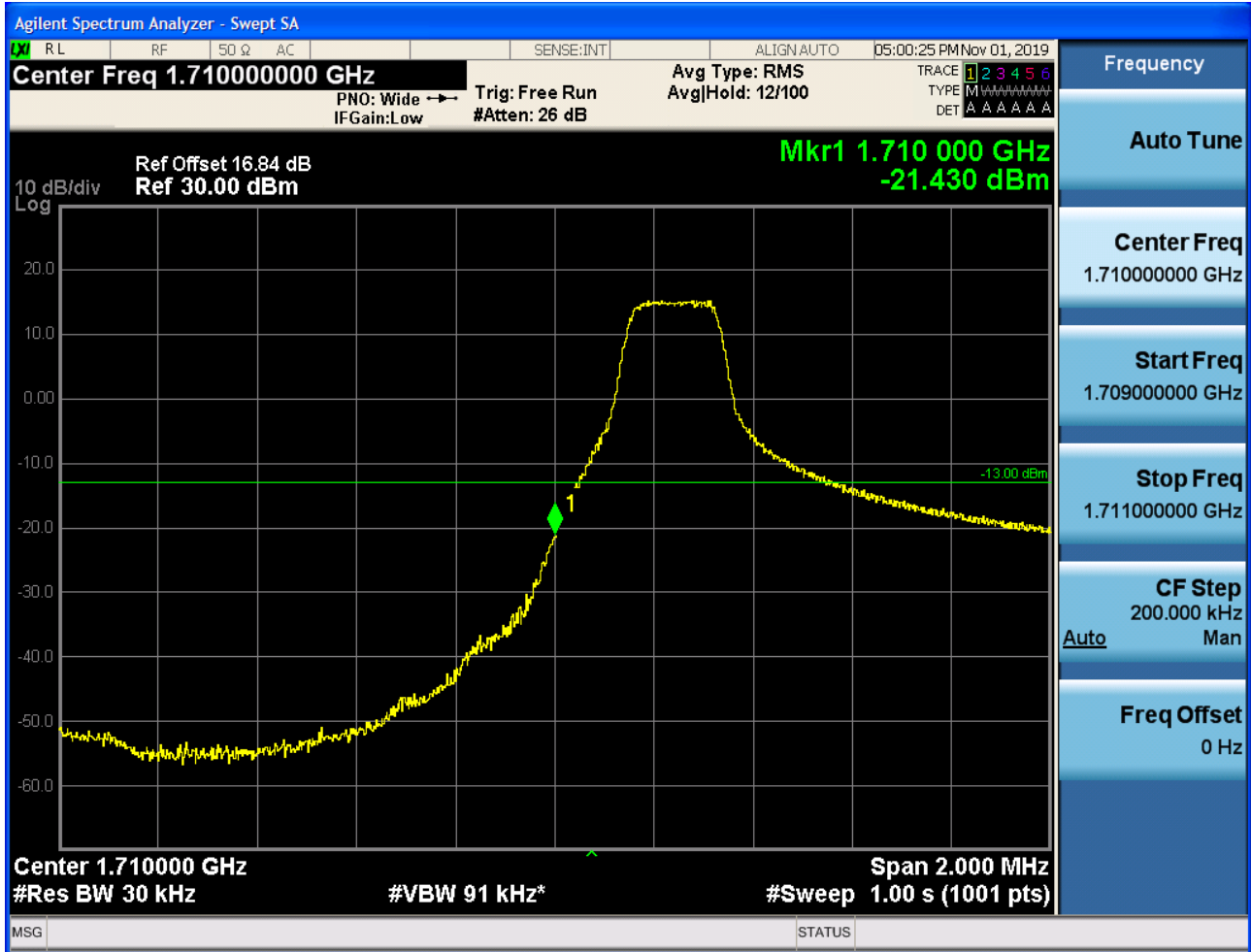
5.1.1.1.2.4 Test RB = RB6#0



5.1.1.1.2 Test Bandwidth = 3

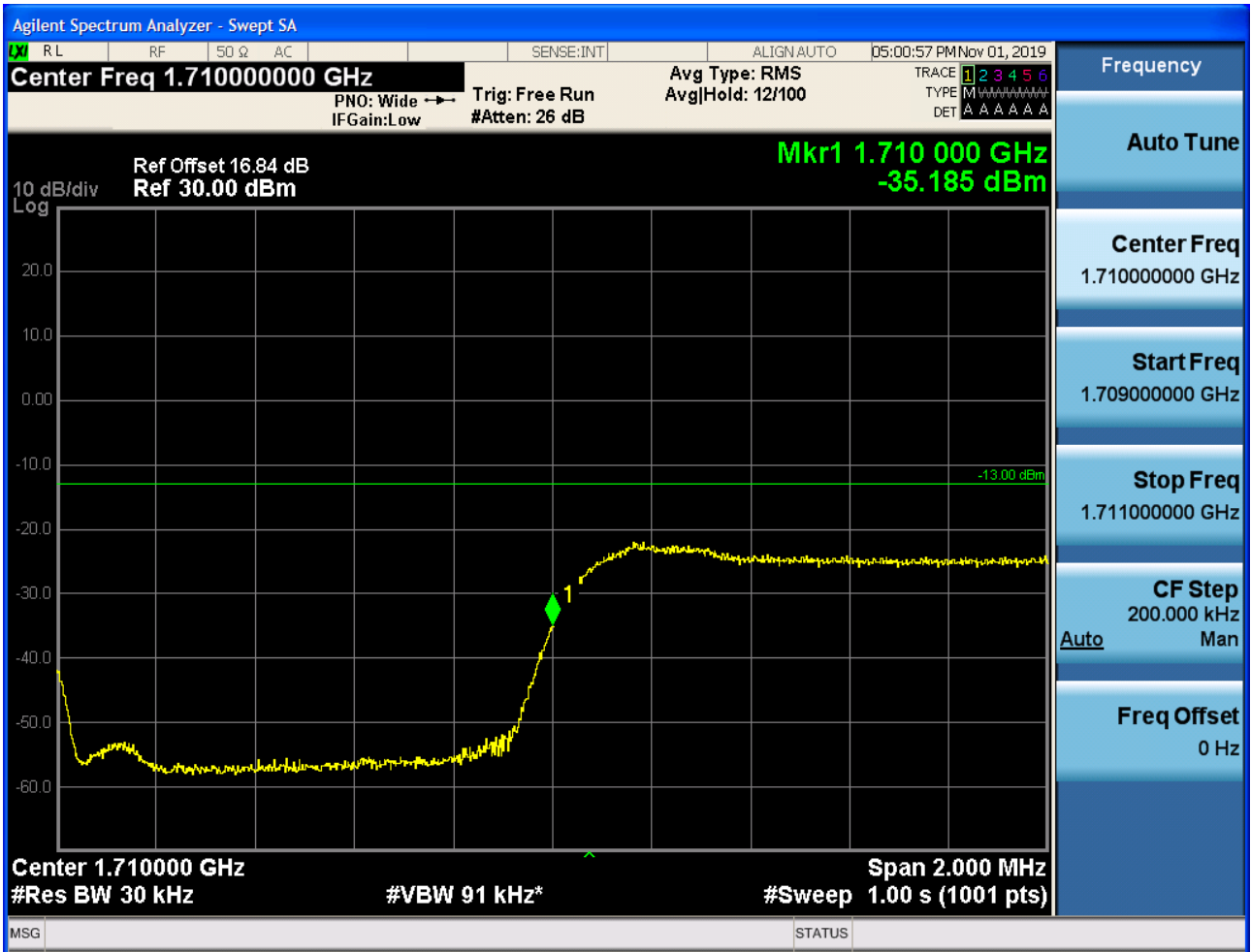
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



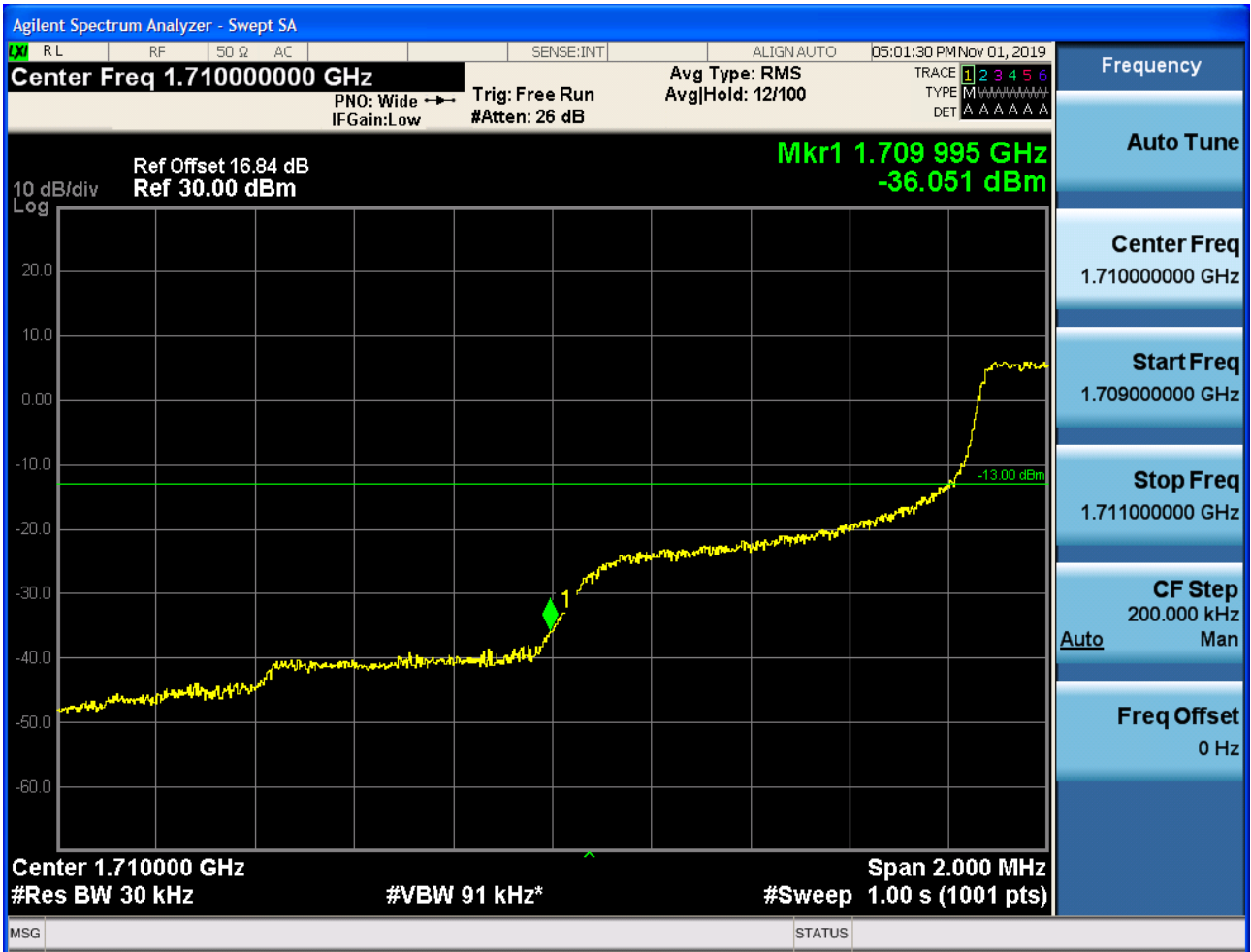


5.1.1.1.2.1.2 Test RB = RB1#14



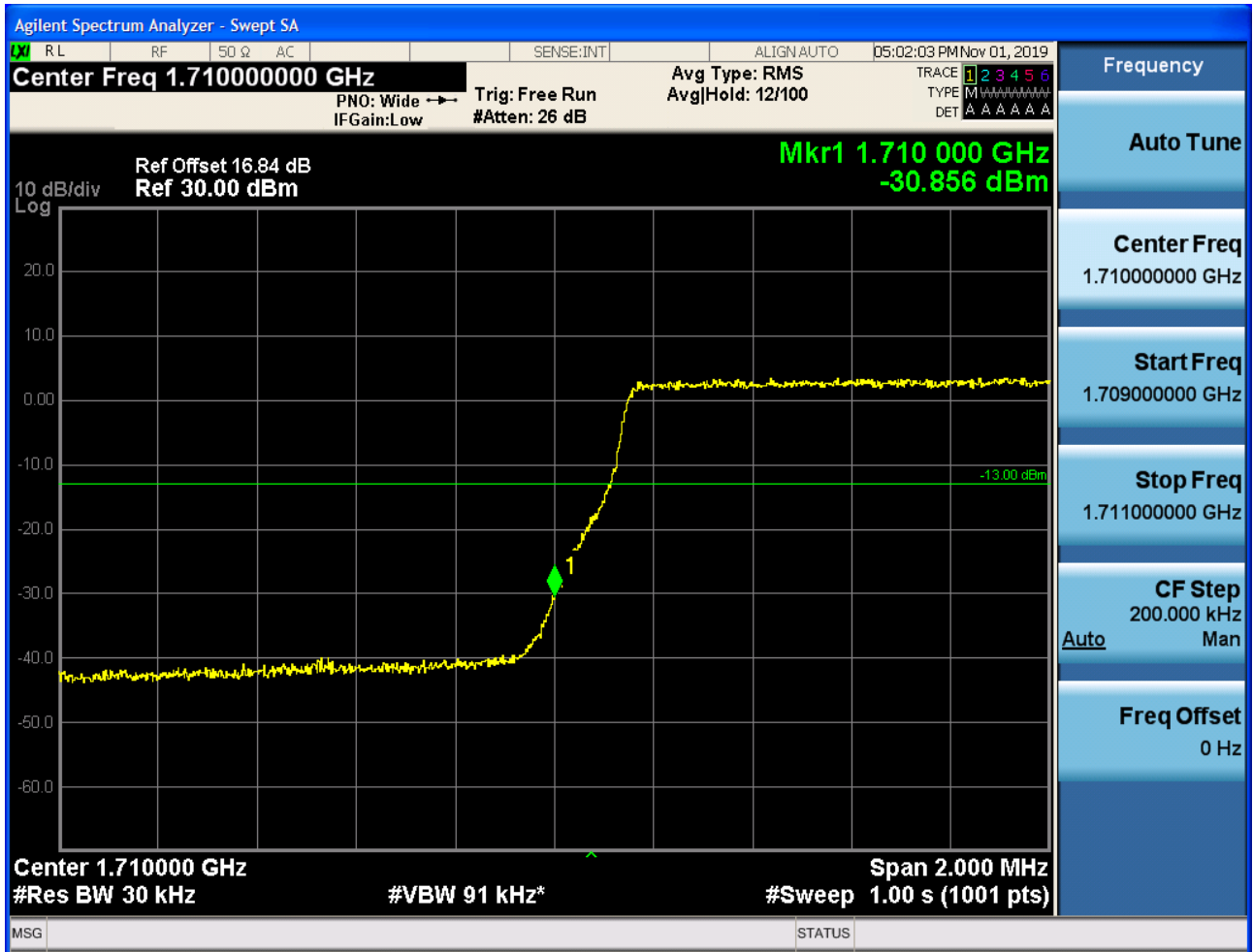


5.1.1.1.2.1.3 Test RB = RB8#4





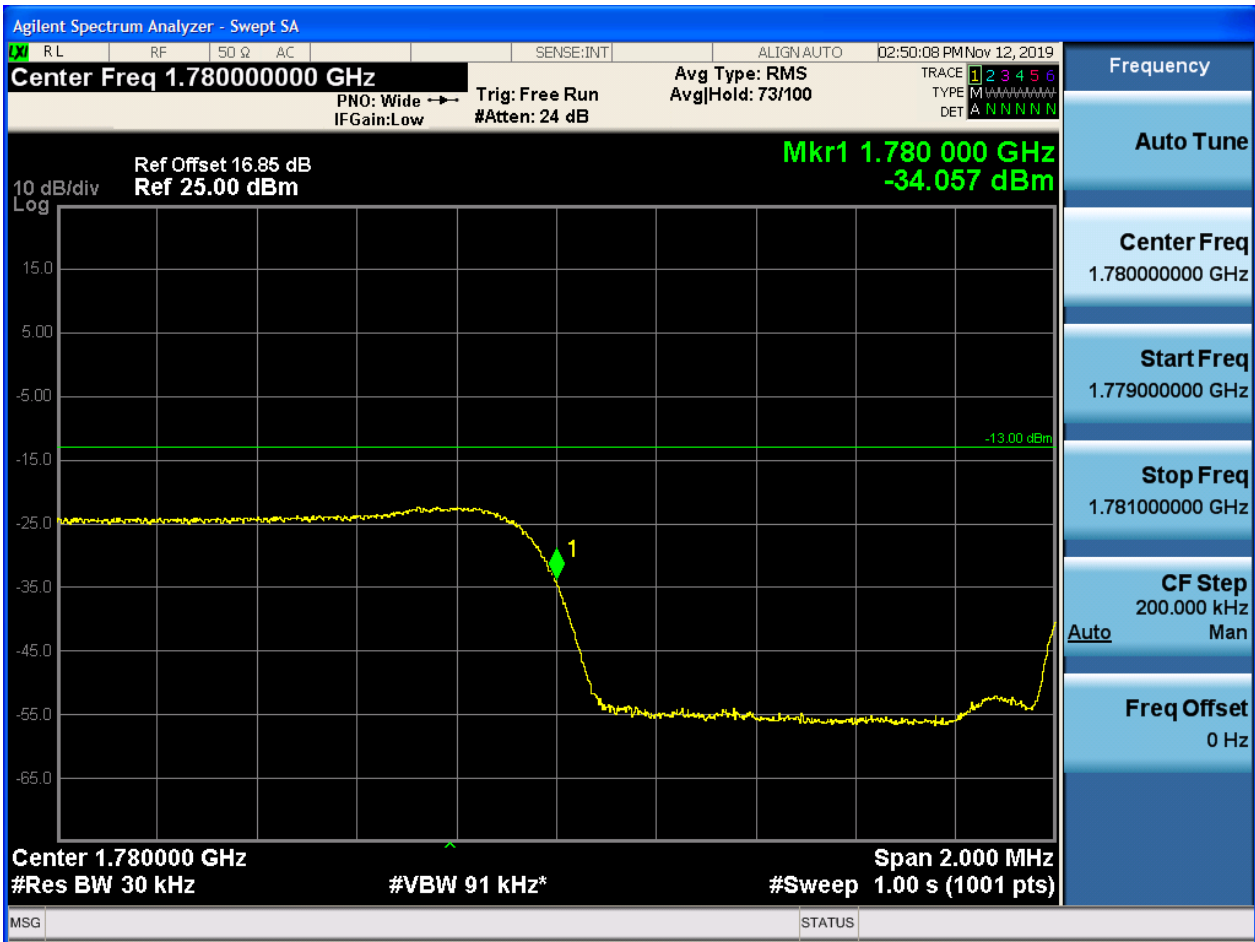
5.1.1.1.2.1.4 Test RB = RB15#0





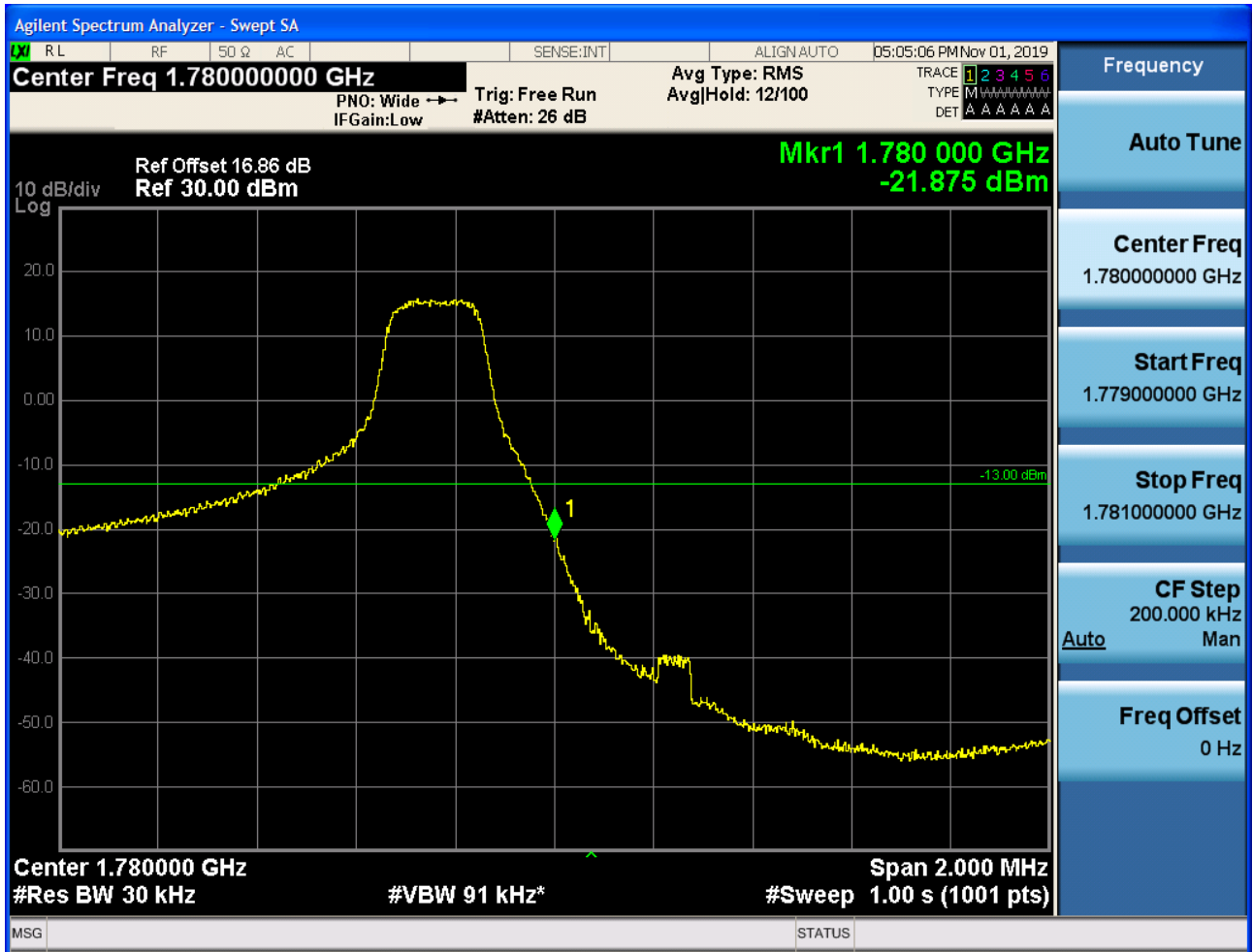
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14

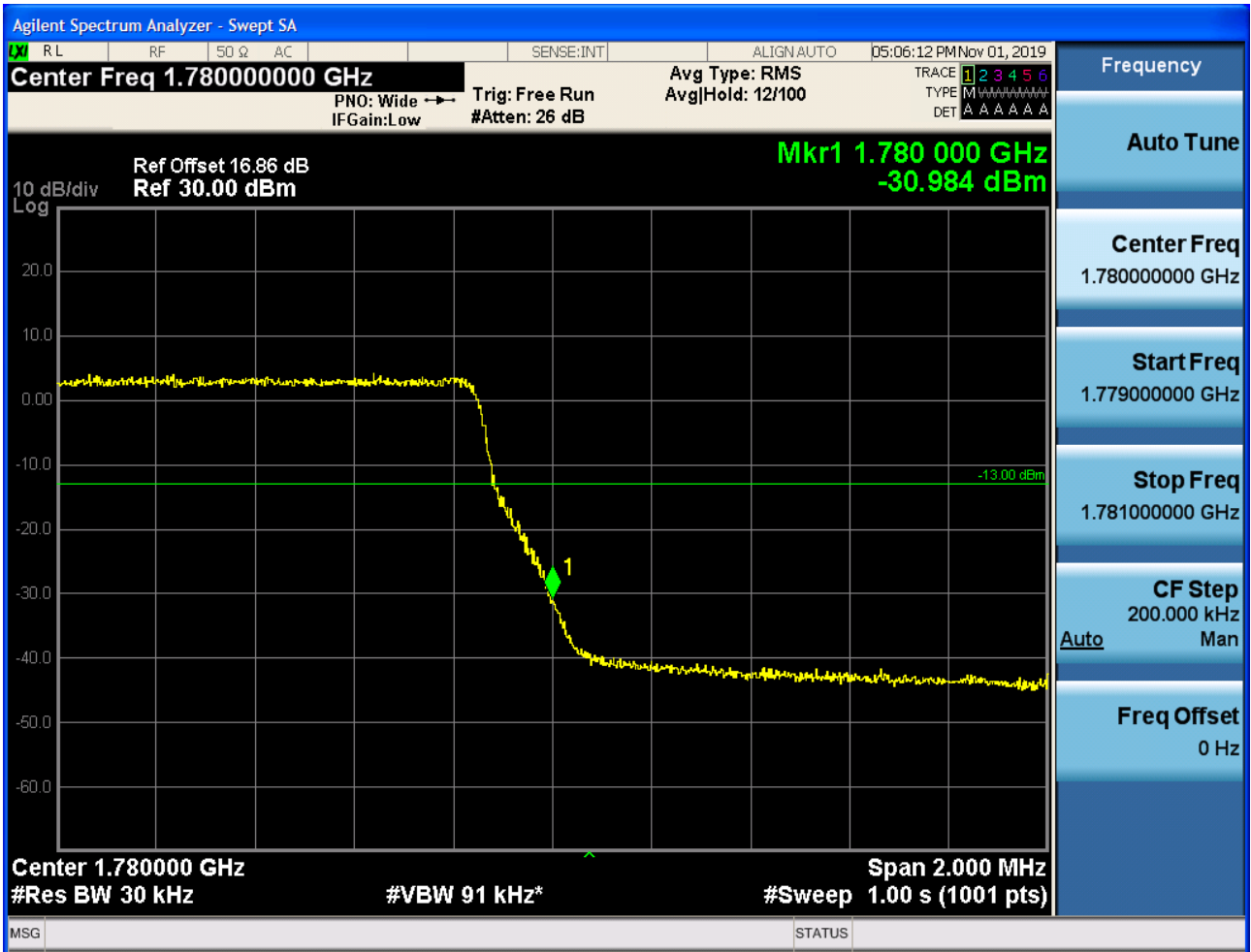








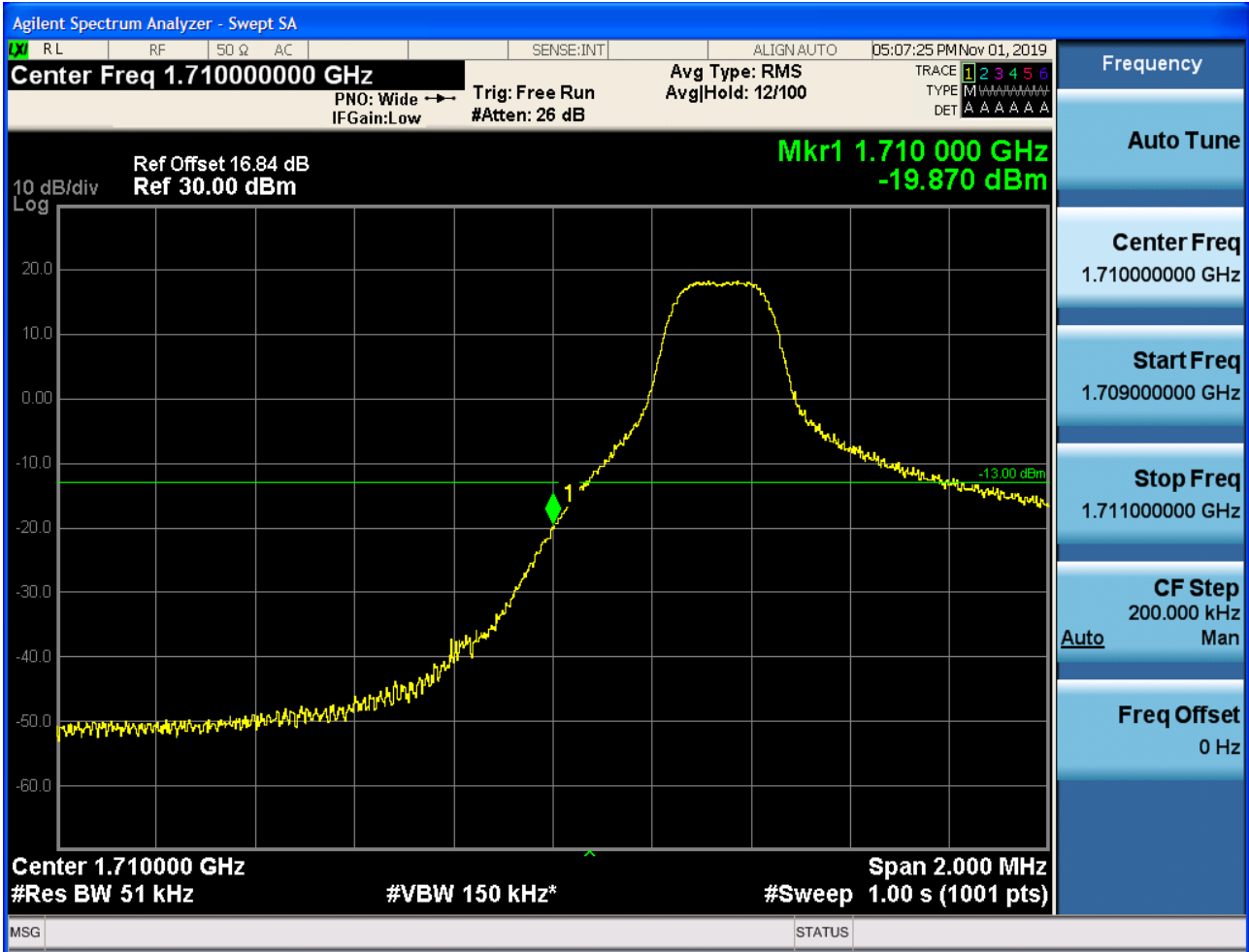
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

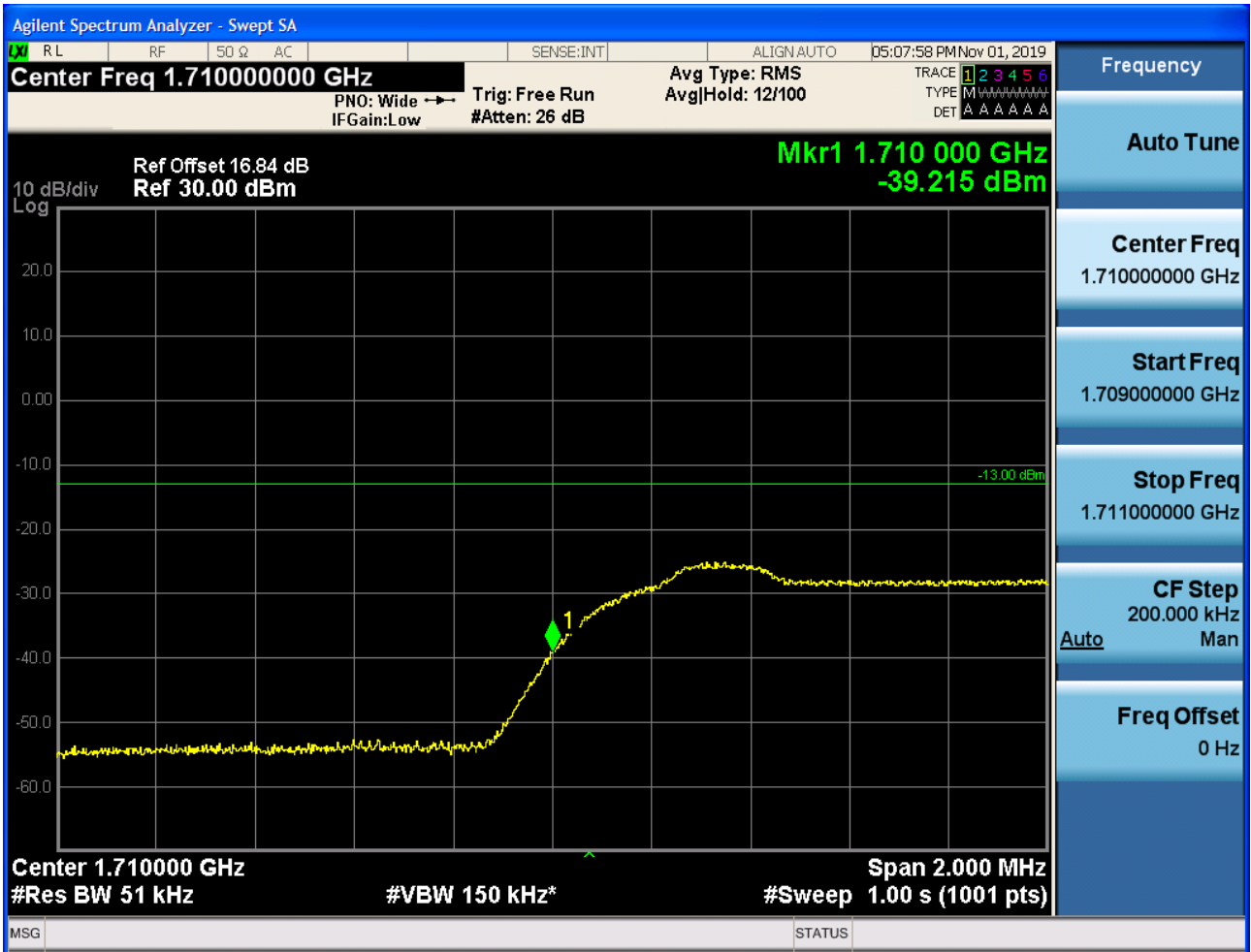
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



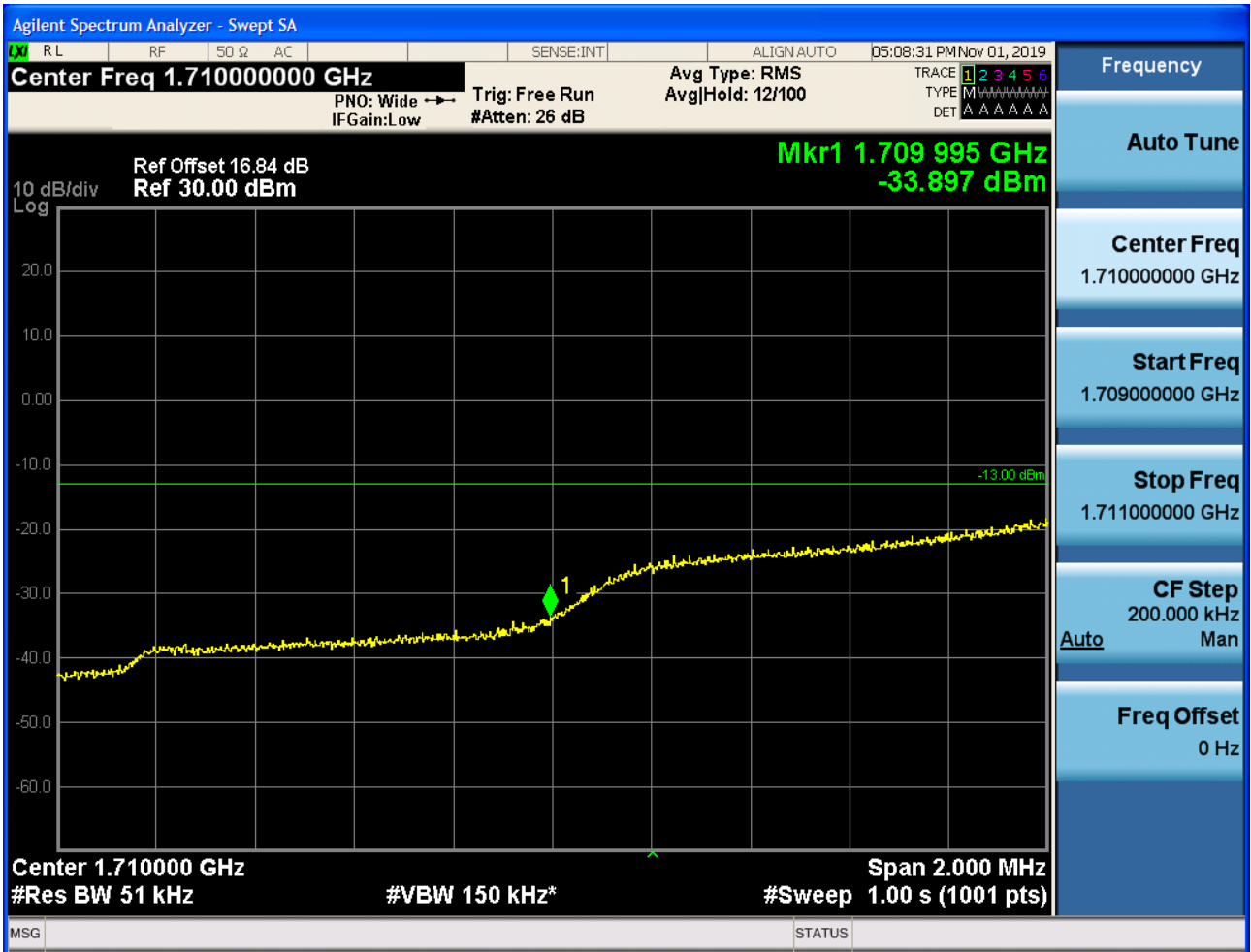


5.1.1.1.3.1.2 Test RB = RB1#24



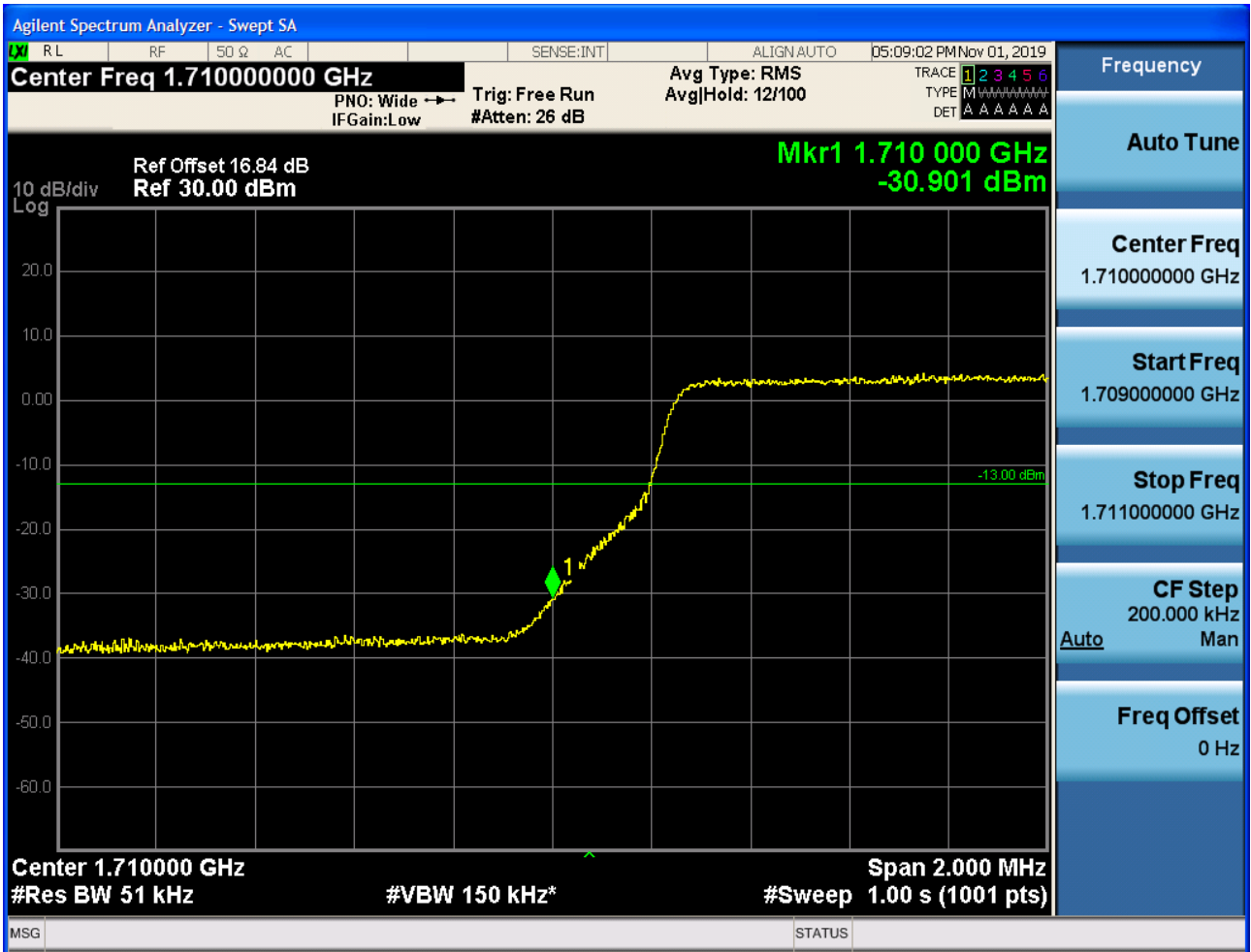


5.1.1.1.3.1.3 Test RB = RB12#6





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

