



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	21.90	22.20	30	PASS
				RB1#3	22.46	22.76	30	PASS
				RB1#5	22.37	22.67	30	PASS
				RB3#0	22.17	22.47	30	PASS
				RB3#2	22.33	22.63	30	PASS
				RB3#3	22.31	22.61	30	PASS
				RB6#0	21.30	21.60	30	PASS
			MCH	RB1#0	22.23	22.53	30	PASS
				RB1#3	22.50	22.80	30	PASS
				RB1#5	22.48	22.78	30	PASS
				RB3#0	22.36	22.66	30	PASS
				RB3#2	22.49	22.79	30	PASS
				RB3#3	22.49	22.79	30	PASS
				RB6#0	21.50	21.80	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
			HCH	RB1#0	21.88	22.18	30	PASS	
				RB1#3	22.18	22.48	30	PASS	
				RB1#5	22.05	22.35	30	PASS	
				RB3#0	21.99	22.29	30	PASS	
				RB3#2	22.07	22.37	30	PASS	
				RB3#3	22.05	22.35	30	PASS	
				RB6#0	21.12	21.42	30	PASS	
		3	LCH	RB1#0	21.61	21.91	30	PASS	
				RB1#7	22.39	22.69	30	PASS	
				RB1#14	22.29	22.59	30	PASS	
				RB8#0	21.13	21.43	30	PASS	
				RB8#4	21.42	21.72	30	PASS	
				RB8#7	21.48	21.78	30	PASS	
				RB15#0	21.31	21.61	30	PASS	
				MCH	RB1#0	21.82	22.12	30	PASS
					RB1#7	22.58	22.88	30	PASS
		RB1#14	22.43		22.73	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.29	21.59	30	PASS	
				RB8#4	21.55	21.85	30	PASS	
				RB8#7	21.60	21.90	30	PASS	
				RB15#0	21.44	21.74	30	PASS	
			HCH	RB1#0	21.56	21.86	30	PASS	
				RB1#7	22.15	22.45	30	PASS	
				RB1#14	21.98	22.28	30	PASS	
				RB8#0	20.76	21.06	30	PASS	
				RB8#4	21.17	21.47	30	PASS	
				RB8#7	21.16	21.46	30	PASS	
				RB15#0	21.09	21.39	30	PASS	
			5	LCH	RB1#0	22.07	22.37	30	PASS
					RB1#13	22.64	22.94	30	PASS
					RB1#24	22.75	23.05	30	PASS
		RB12#0			21.24	21.54	30	PASS	
		RB12#6			21.64	21.94	30	PASS	
		RB12#13			21.61	21.91	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB25#0	21.43	21.73	30	PASS
				RB1#0	22.18	22.48	30	PASS
				RB1#13	22.74	23.04	30	PASS
				RB1#24	23.34	23.64	30	PASS
				RB12#0	21.54	21.84	30	PASS
				RB12#6	21.93	22.23	30	PASS
				RB12#13	21.97	22.27	30	PASS
				RB25#0	21.75	22.05	30	PASS
				RB1#0	21.91	22.21	30	PASS
				RB1#13	22.13	22.43	30	PASS
				RB1#24	22.55	22.85	30	PASS
				RB12#0	20.88	21.18	30	PASS
				RB12#6	21.20	21.50	30	PASS
				RB12#13	21.29	21.59	30	PASS
				RB25#0	21.28	21.58	30	PASS
		10	LCH	RB1#0	22.06	22.36	30	PASS
				RB1#25	22.62	22.92	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.82	23.12	30	PASS
				RB25#0	21.14	21.44	30	PASS
				RB25#13	21.50	21.80	30	PASS
				RB25#25	21.42	21.72	30	PASS
				RB50#0	21.29	21.59	30	PASS
			MCH	RB1#0	21.88	22.18	30	PASS
				RB1#25	22.94	23.24	30	PASS
				RB1#49	23.58	23.88	30	PASS
				RB25#0	21.32	21.62	30	PASS
				RB25#13	21.86	22.16	30	PASS
				RB25#25	22.08	22.38	30	PASS
				RB50#0	21.72	22.02	30	PASS
			HCH	RB1#0	22.22	22.52	30	PASS
				RB1#25	22.50	22.80	30	PASS
				RB1#49	22.92	23.22	30	PASS
				RB25#0	20.98	21.28	30	PASS
				RB25#13	21.25	21.55	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.38	21.68	30	PASS
				RB50#0	21.31	21.61	30	PASS
		15	LCH	RB1#0	22.51	22.81	30	PASS
				RB1#38	22.49	22.79	30	PASS
				RB1#74	22.72	23.02	30	PASS
				RB38#0	21.64	21.94	30	PASS
				RB38#19	21.52	21.82	30	PASS
				RB38#39	21.48	21.78	30	PASS
				RB75#0	21.45	21.75	30	PASS
				MCH	RB1#0	22.36	22.66	30
			RB1#38		22.99	23.29	30	PASS
			RB1#74		23.41	23.71	30	PASS
			RB38#0		21.57	21.87	30	PASS
			RB38#19		21.95	22.25	30	PASS
			HCH	RB38#39	22.19	22.49	30	PASS
RB75#0	21.90	22.20		30	PASS			
		HCH	RB1#0	22.86	23.16	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	22.74	23.04	30	PASS	
				RB1#74	22.84	23.14	30	PASS	
				RB38#0	21.76	22.06	30	PASS	
				RB38#19	21.71	22.01	30	PASS	
				RB38#39	21.77	22.07	30	PASS	
				RB75#0	21.63	21.93	30	PASS	
		20	LCH	RB1#0	22.71	23.01	30	PASS	
				RB1#50	22.17	22.47	30	PASS	
				RB1#99	22.70	23.00	30	PASS	
				RB50#0	21.45	21.75	30	PASS	
				RB50#25	21.31	21.61	30	PASS	
				RB50#50	21.66	21.96	30	PASS	
				RB100#0	21.55	21.85	30	PASS	
				MCH	RB1#0	22.56	22.86	30	PASS
					RB1#50	22.72	23.02	30	PASS
					RB1#99	23.34	23.64	30	PASS
RB50#0	21.47	21.77	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.68	21.98	30	PASS
				RB50#50	22.10	22.40	30	PASS
				RB100#0	21.88	22.18	30	PASS
			HCH	RB1#0	23.29	23.59	30	PASS
				RB1#50	22.55	22.85	30	PASS
				RB1#99	22.73	23.03	30	PASS
				RB50#0	21.69	21.99	30	PASS
				RB50#25	21.62	21.92	30	PASS
				RB50#50	21.93	22.23	30	PASS
				RB100#0	21.86	22.16	30	PASS
			LCH	RB1#0	21.12	21.42	30	PASS
				RB1#3	21.65	21.95	30	PASS
				RB1#5	21.60	21.90	30	PASS
				RB3#0	21.19	21.49	30	PASS
RB3#2	21.38	21.68		30	PASS			
RB3#3	21.40	21.70		30	PASS			
RB6#0	20.27	20.57		30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.43	21.73	30	PASS
				RB1#3	21.67	21.97	30	PASS
				RB1#5	21.65	21.95	30	PASS
				RB3#0	21.39	21.69	30	PASS
				RB3#2	21.57	21.87	30	PASS
				RB3#3	21.56	21.86	30	PASS
			RB6#0	20.55	20.85	30	PASS	
			HCH	RB1#0	20.87	21.17	30	PASS
				RB1#3	21.19	21.49	30	PASS
				RB1#5	21.27	21.57	30	PASS
				RB3#0	21.20	21.50	30	PASS
				RB3#2	21.24	21.54	30	PASS
		RB3#3		21.21	21.51	30	PASS	
		3	LCH	RB1#0	21.05	21.35	30	PASS
				RB1#7	21.81	22.11	30	PASS
				RB1#14	21.80	22.10	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.16	20.46	30	PASS
				RB8#4	20.46	20.76	30	PASS
				RB8#7	20.50	20.80	30	PASS
				RB15#0	20.33	20.63	30	PASS
			MCH	RB1#0	21.29	21.59	30	PASS
				RB1#7	21.96	22.26	30	PASS
				RB1#14	21.69	21.99	30	PASS
				RB8#0	20.33	20.63	30	PASS
				RB8#4	20.59	20.89	30	PASS
				RB8#7	20.64	20.94	30	PASS
				RB15#0	20.49	20.79	30	PASS
			HCH	RB1#0	20.68	20.98	30	PASS
				RB1#7	21.31	21.61	30	PASS
				RB1#14	21.14	21.44	30	PASS
				RB8#0	19.80	20.10	30	PASS
				RB8#4	20.23	20.53	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	20.13	20.43	30	PASS
		5	LCH	RB1#0	21.46	21.76	30	PASS
				RB1#13	21.99	22.29	30	PASS
				RB1#24	22.10	22.40	30	PASS
				RB12#0	20.21	20.51	30	PASS
				RB12#6	20.59	20.89	30	PASS
				RB12#13	20.59	20.89	30	PASS
				RB25#0	20.43	20.73	30	PASS
				MCH	RB1#0	21.47	21.77	30
			RB1#13		22.06	22.36	30	PASS
			RB1#24		22.70	23.00	30	PASS
			RB12#0		20.68	20.98	30	PASS
			RB12#6		21.03	21.33	30	PASS
			RB12#13		21.07	21.37	30	PASS
			HCH	RB25#0	20.81	21.11	30	PASS
				RB1#0	21.30	21.60	30	PASS
				RB1#13	21.52	21.82	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#24	21.96	22.26	30	PASS		
				RB12#0	19.99	20.29	30	PASS		
				RB12#6	20.24	20.54	30	PASS		
				RB12#13	20.33	20.63	30	PASS		
				RB25#0	20.24	20.54	30	PASS		
				10	LCH	RB1#0	21.49	21.79	30	PASS
						RB1#25	22.05	22.35	30	PASS
						RB1#49	22.30	22.60	30	PASS
						RB25#0	20.19	20.49	30	PASS
						RB25#13	20.54	20.84	30	PASS
		RB25#25	20.47			20.77	30	PASS		
		RB50#0	20.31			20.61	30	PASS		
		MCH	RB1#0			21.32	21.62	30	PASS	
			RB1#25			22.45	22.75	30	PASS	
			RB1#49			23.04	23.34	30	PASS	
			RB25#0	20.36	20.66	30	PASS			
			RB25#13	20.89	21.19	30	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.12	21.42	30	PASS
				RB50#0	20.70	21.00	30	PASS
			HCH	RB1#0	21.31	21.61	30	PASS
				RB1#25	21.58	21.88	30	PASS
				RB1#49	22.03	22.33	30	PASS
				RB25#0	19.97	20.27	30	PASS
				RB25#13	20.24	20.54	30	PASS
				RB25#25	20.35	20.65	30	PASS
				RB50#0	20.27	20.57	30	PASS
				15	LCH	RB1#0	21.96	22.26
		RB1#38	21.92			22.22	30	PASS
		RB1#74	22.21			22.51	30	PASS
		RB38#0	20.52			20.82	30	PASS
		RB38#19	20.54			20.84	30	PASS
		RB38#39	20.51			20.81	30	PASS
		RB75#0	20.46			20.76	30	PASS
		MCH	RB1#0	21.76	22.06	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.38	22.68	30	PASS
				RB1#74	22.84	23.14	30	PASS
				RB38#0	20.59	20.89	30	PASS
				RB38#19	20.95	21.25	30	PASS
				RB38#39	21.21	21.51	30	PASS
				RB75#0	20.93	21.23	30	PASS
			HCH	RB1#0	22.19	22.49	30	PASS
				RB1#38	21.81	22.11	30	PASS
				RB1#74	21.95	22.25	30	PASS
				RB38#0	20.78	21.08	30	PASS
				RB38#19	20.64	20.94	30	PASS
				RB38#39	20.82	21.12	30	PASS
		20	LCH	RB1#0	22.27	22.57	30	PASS
				RB1#50	21.50	21.80	30	PASS
				RB1#99	22.16	22.46	30	PASS
				RB50#0	20.46	20.76	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.33	20.63	30	PASS
				RB50#50	20.72	21.02	30	PASS
				RB100#0	20.58	20.88	30	PASS
			MCH	RB1#0	21.91	22.21	30	PASS
				RB1#50	22.02	22.32	30	PASS
				RB1#99	22.80	23.10	30	PASS
				RB50#0	20.51	20.81	30	PASS
				RB50#25	20.70	21.00	30	PASS
				RB50#50	21.14	21.44	30	PASS
				RB100#0	20.94	21.24	30	PASS
			HCH	RB1#0	22.68	22.98	30	PASS
				RB1#50	21.93	22.23	30	PASS
				RB1#99	22.19	22.49	30	PASS
				RB50#0	20.71	21.01	30	PASS
				RB50#25	20.64	20.94	30	PASS
RB50#50	20.64	20.94		30	PASS			
RB100#0	20.83	21.13		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
Band4	LTE/TM1	1.4	LCH	RB1#0	4.36	13	PASS
				RB1#3	4.50	13	PASS
				RB1#5	4.11	13	PASS
				RB3#0	5.14	13	PASS
				RB3#2	4.96	13	PASS
				RB3#3	4.99	13	PASS
			RB6#0	5.55	13	PASS	
			MCH	RB1#0	4.74	13	PASS
				RB1#3	5.07	13	PASS
				RB1#5	4.80	13	PASS
				RB3#0	5.14	13	PASS
				RB3#2	4.86	13	PASS
		RB3#3		5.08	13	PASS	
		HCH	RB6#0	5.86	13	PASS	
			RB1#0	4.94	13	PASS	
			RB1#3	4.66	13	PASS	
			RB1#5	4.82	13	PASS	
			RB3#0	5.24	13	PASS	
			RB3#2	5.05	13	PASS	
		3	LCH	RB3#3	5.29	13	PASS
				RB6#0	5.53	13	PASS
				RB1#0	4.97	13	PASS
				RB1#7	4.12	13	PASS
				RB1#14	4.42	13	PASS
RB8#0	5.85			13	PASS		
MCH	RB8#4		5.58	13	PASS		
	RB8#7		5.55	13	PASS		
	RB15#0		5.85	13	PASS		
	RB1#0		5.05	13	PASS		
	RB1#7		4.77	13	PASS		
	RB1#14		4.74	13	PASS		
RB8#0	5.88	13	PASS				
RB8#4	5.72	13	PASS				
RB8#7	5.78	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			HCH	RB15#0	5.72	13	PASS	
				RB1#0	4.82	13	PASS	
				RB1#7	4.49	13	PASS	
				RB1#14	4.49	13	PASS	
				RB8#0	5.83	13	PASS	
				RB8#4	5.65	13	PASS	
				RB8#7	5.67	13	PASS	
				RB15#0	6.01	13	PASS	
		5	LCH		RB1#0	4.85	13	PASS
					RB1#13	4.32	13	PASS
					RB1#24	4.20	13	PASS
					RB12#0	5.69	13	PASS
					RB12#6	5.28	13	PASS
					RB12#13	5.52	13	PASS
					RB25#0	5.97	13	PASS
			MCH	RB1#0	5.16	13	PASS	
				RB1#13	4.88	13	PASS	
				RB1#24	4.64	13	PASS	
				RB12#0	5.90	13	PASS	
				RB12#6	5.70	13	PASS	
				RB12#13	5.95	13	PASS	
			HCH	RB25#0	0.00	13	PASS	
				RB1#0	4.97	13	PASS	
				RB1#13	4.61	13	PASS	
				RB1#24	4.48	13	PASS	
		RB12#0		5.95	13	PASS		
		RB12#6		5.69	13	PASS		
		RB12#13		5.61	13	PASS		
		10	LCH		RB25#0	6.00	13	PASS
					RB1#0	4.82	13	PASS
					RB1#25	4.15	13	PASS
					RB1#49	3.94	13	PASS
					RB25#0	5.92	13	PASS
RB25#13	5.48				13	PASS		
RB25#25	5.67				13	PASS		
RB50#0	5.87		13	PASS				
MCH	RB1#0		4.95	13	PASS			
	RB1#25		4.61	13	PASS			
	RB1#49	4.11	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	6.18	13	PASS
				RB25#13	5.89	13	PASS
				RB25#25	6.01	13	PASS
				RB50#0	6.17	13	PASS
			HCH	RB1#0	4.76	13	PASS
				RB1#25	4.49	13	PASS
				RB1#49	4.07	13	PASS
				RB25#0	6.18	13	PASS
				RB25#13	5.87	13	PASS
				RB25#25	5.92	13	PASS
			RB50#0	6.53	13	PASS	
			LCH	RB1#0	4.55	13	PASS
				RB1#38	4.27	13	PASS
		RB1#74		4.14	13	PASS	
		RB38#0		5.87	13	PASS	
		RB38#19		5.52	13	PASS	
		RB38#39		5.79	13	PASS	
		RB75#0		6.21	13	PASS	
		MCH	RB1#0	4.64	13	PASS	
			RB1#38	4.48	13	PASS	
			RB1#74	3.83	13	PASS	
			RB38#0	6.04	13	PASS	
			RB38#19	5.88	13	PASS	
			RB38#39	5.83	13	PASS	
		RB75#0	6.37	13	PASS		
		HCH	RB1#0	4.45	13	PASS	
			RB1#38	4.34	13	PASS	
			RB1#74	4.02	13	PASS	
			RB38#0	6.24	13	PASS	
			RB38#19	6.09	13	PASS	
			RB38#39	5.94	13	PASS	
			RB75#0	6.34	13	PASS	
		20	LCH	RB1#0	4.32	13	PASS
RB1#50	4.57			13	PASS		
RB1#99	3.71			13	PASS		
RB50#0	5.92			13	PASS		
RB50#25	6.00			13	PASS		
RB50#50	6.00			13	PASS		
RB100#0	6.30			13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			MCH	RB1#0	4.58	13	PASS	
				RB1#50	4.66	13	PASS	
				RB1#99	3.56	13	PASS	
				RB50#0	6.26	13	PASS	
				RB50#25	6.18	13	PASS	
				RB50#50	5.87	13	PASS	
				RB100#0	6.45	13	PASS	
			HCH	RB1#0	4.61	13	PASS	
				RB1#50	4.53	13	PASS	
				RB1#99	3.63	13	PASS	
				RB50#0	6.31	13	PASS	
				RB50#25	6.30	13	PASS	
				RB50#50	5.93	13	PASS	
				RB100#0	6.55	13	PASS	
	LTE/TM2	1.4	LCH	RB1#0	5.67	13	PASS	
				RB1#3	5.33	13	PASS	
				RB1#5	5.36	13	PASS	
				RB3#0	5.93	13	PASS	
				RB3#2	5.95	13	PASS	
				RB3#3	5.77	13	PASS	
				RB6#0	6.26	13	PASS	
				MCH	RB1#0	4.82	13	PASS
					RB1#3	5.27	13	PASS
					RB1#5	4.71	13	PASS
					RB3#0	6.28	13	PASS
					RB3#2	6.48	13	PASS
					RB3#3	6.36	13	PASS
				HCH	RB1#0	6.19	13	PASS
			RB1#3		5.79	13	PASS	
			RB1#5		6.04	13	PASS	
			RB3#0		6.18	13	PASS	
			RB3#2		6.16	13	PASS	
RB3#3	6.28	13	PASS					
3	LCH	RB1#0	5.98	13	PASS			
		RB1#7	5.56	13	PASS			
		RB1#14	5.44	13	PASS			
		RB8#0	6.14	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	5.93	13	PASS	
				RB8#7	5.91	13	PASS	
				RB15#0	6.29	13	PASS	
			MCH	RB1#0	5.41	13	PASS	
				RB1#7	4.98	13	PASS	
				RB1#14	5.64	13	PASS	
				RB8#0	6.75	13	PASS	
				RB8#4	6.61	13	PASS	
				RB8#7	6.67	13	PASS	
				RB15#0	6.89	13	PASS	
				HCH	RB1#0	5.97	13	PASS
					RB1#7	5.83	13	PASS
			RB1#14		5.58	13	PASS	
			RB8#0		6.30	13	PASS	
			RB8#4		5.93	13	PASS	
			RB8#7		5.90	13	PASS	
			5	LCH	RB1#0	5.72	13	PASS
					RB1#13	5.20	13	PASS
		RB1#24			5.04	13	PASS	
		RB12#0			6.47	13	PASS	
		RB12#6			6.06	13	PASS	
		RB12#13			6.39	13	PASS	
		RB25#0			6.71	13	PASS	
		MCH		RB1#0	5.66	13	PASS	
				RB1#13	5.10	13	PASS	
				RB1#24	5.11	13	PASS	
				RB12#0	6.83	13	PASS	
				RB12#6	6.65	13	PASS	
				RB12#13	0.00	13	PASS	
		HCH		RB25#0	0.00	13	PASS	
				RB1#0	5.96	13	PASS	
				RB1#13	5.59	13	PASS	
				RB1#24	5.44	13	PASS	
RB12#0	6.55			13	PASS			
RB12#6	6.15		13	PASS				
RB12#13	6.74		13	PASS				
10	LCH	RB25#0	6.73	13	PASS			
		10	LCH	RB1#0	5.47	13	PASS	



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	4.83	13	PASS
				RB1#49	4.70	13	PASS
				RB25#0	6.63	13	PASS
				RB25#13	6.31	13	PASS
				RB25#25	6.44	13	PASS
				RB50#0	6.68	13	PASS
			MCH	RB1#0	5.89	13	PASS
				RB1#25	5.50	13	PASS
				RB1#49	4.96	13	PASS
				RB25#0	7.30	13	PASS
				RB25#13	6.95	13	PASS
				RB25#25	6.99	13	PASS
			HCH	RB50#0	7.00	13	PASS
				RB1#0	5.85	13	PASS
				RB1#25	5.56	13	PASS
				RB1#49	5.27	13	PASS
				RB25#0	6.91	13	PASS
				RB25#13	6.48	13	PASS
		15	LCH	RB25#25	6.98	13	PASS
				RB50#0	7.25	13	PASS
				RB1#0	5.10	13	PASS
				RB1#38	4.75	13	PASS
				RB1#74	4.79	13	PASS
				RB38#0	6.69	13	PASS
			MCH	RB38#19	6.42	13	PASS
				RB38#39	6.62	13	PASS
				RB75#0	6.97	13	PASS
				RB1#0	5.49	13	PASS
				RB1#38	5.31	13	PASS
				RB1#74	4.59	13	PASS
HCH	RB38#0	6.97	13	PASS			
	RB38#19	6.96	13	PASS			
	RB38#39	6.87	13	PASS			
	RB75#0	7.18	13	PASS			
	RB38#19	6.37	13	PASS			
				RB1#0	5.80	13	PASS
				RB1#38	5.71	13	PASS
				RB1#74	5.10	13	PASS
				RB38#0	7.06	13	PASS
				RB38#19	6.37	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB38#39	6.81	13	PASS	
				RB75#0	7.22	13	PASS	
		20	LCH	RB1#0	5.08	13	PASS	
				RB1#50	5.29	13	PASS	
				RB1#99	4.00	13	PASS	
				RB50#0	6.53	13	PASS	
				RB50#25	6.83	13	PASS	
				RB50#50	6.80	13	PASS	
				RB100#0	7.18	13	PASS	
				MCH	RB1#0	5.11	13	PASS
					RB1#50	5.31	13	PASS
			RB1#99		4.36	13	PASS	
			RB50#0		6.99	13	PASS	
			RB50#25		7.07	13	PASS	
			RB50#50		6.70	13	PASS	
			HCH	RB100#0	7.26	13	PASS	
				RB1#0	5.57	13	PASS	
				RB1#50	5.48	13	PASS	
				RB1#99	4.44	13	PASS	
				RB50#0	7.03	13	PASS	
RB50#25	6.56	13		PASS				
RB50#50	5.57	13		PASS				
RB100#0	6.73	13	PASS					

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

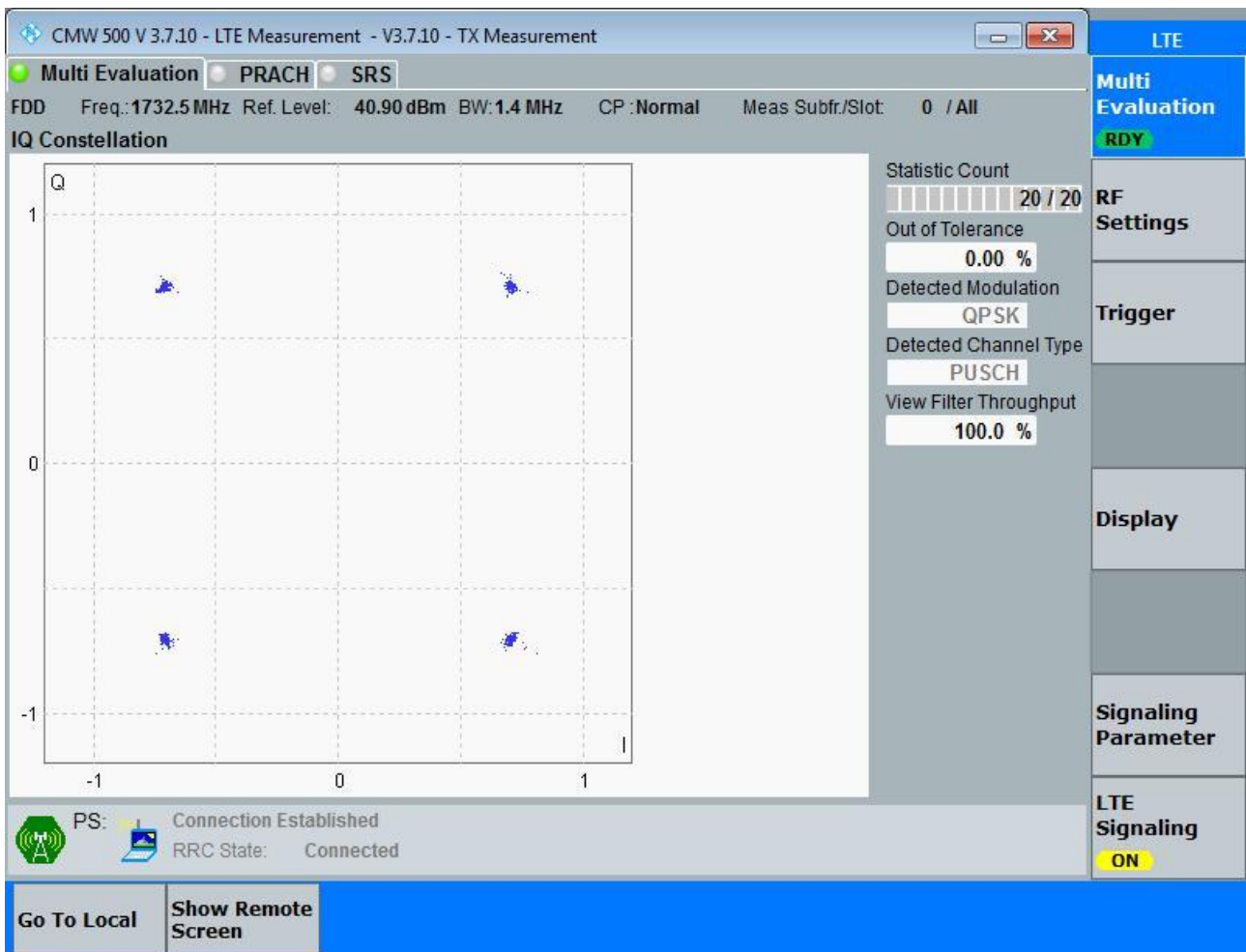
3.1.1 Test Band = Band4

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

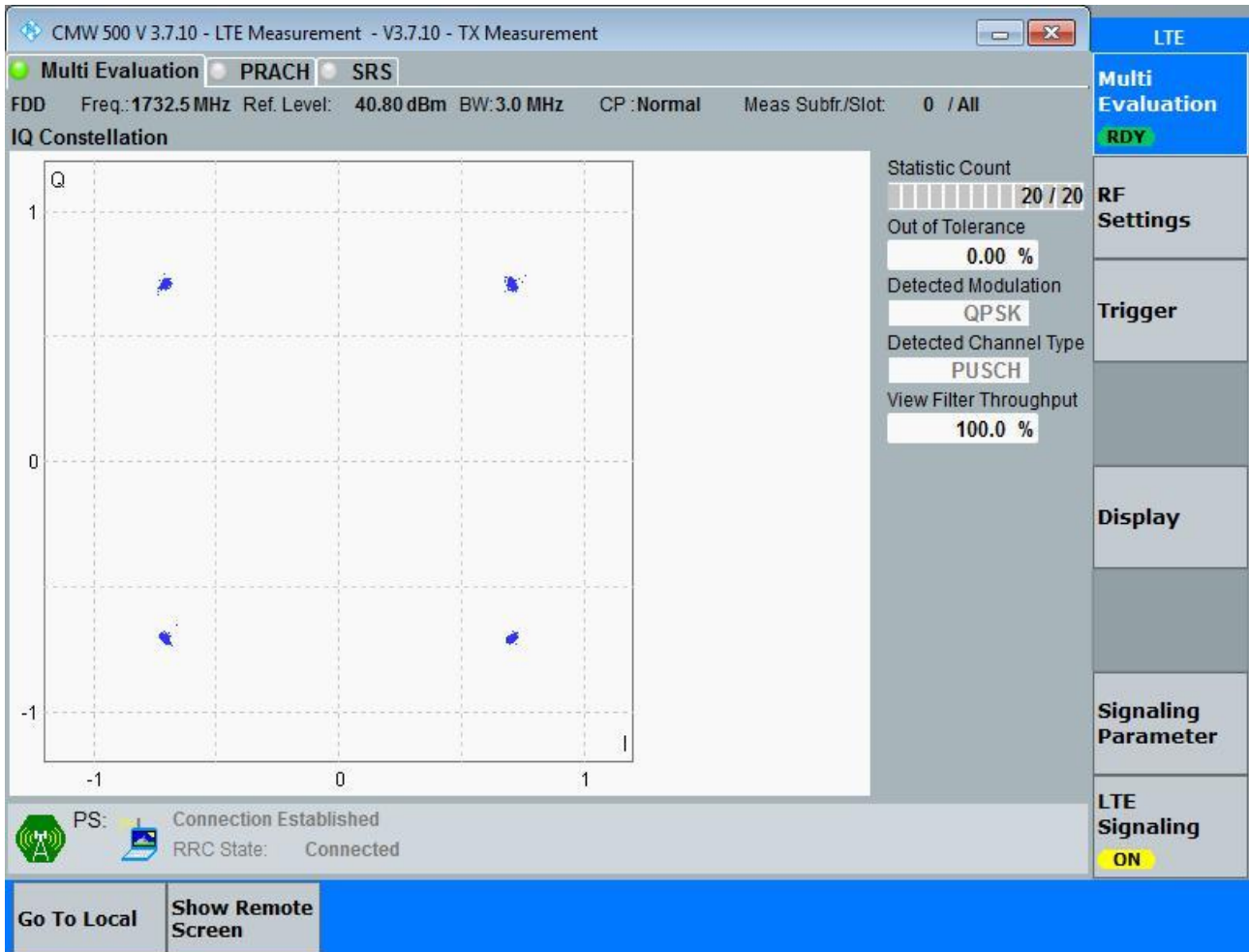
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

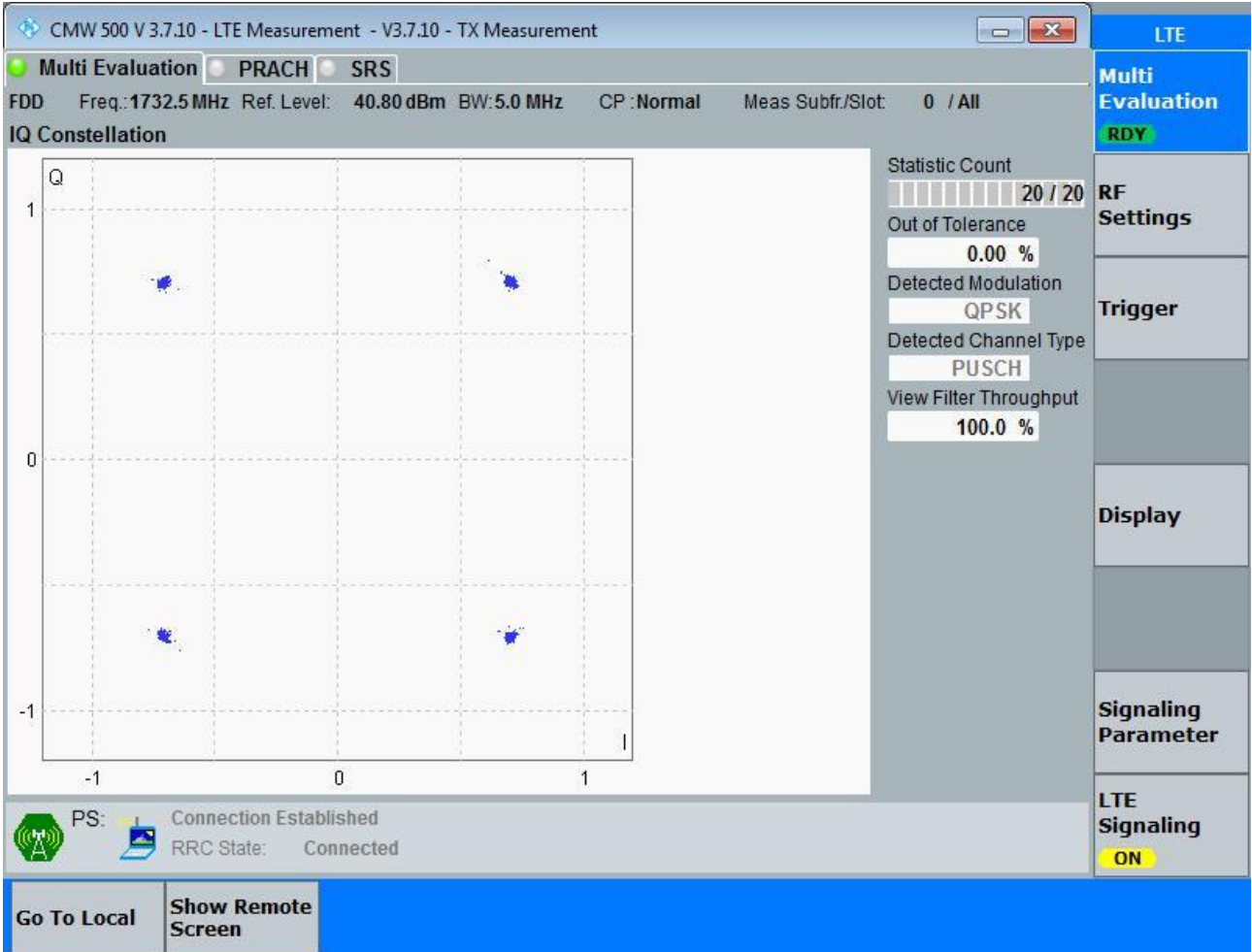
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

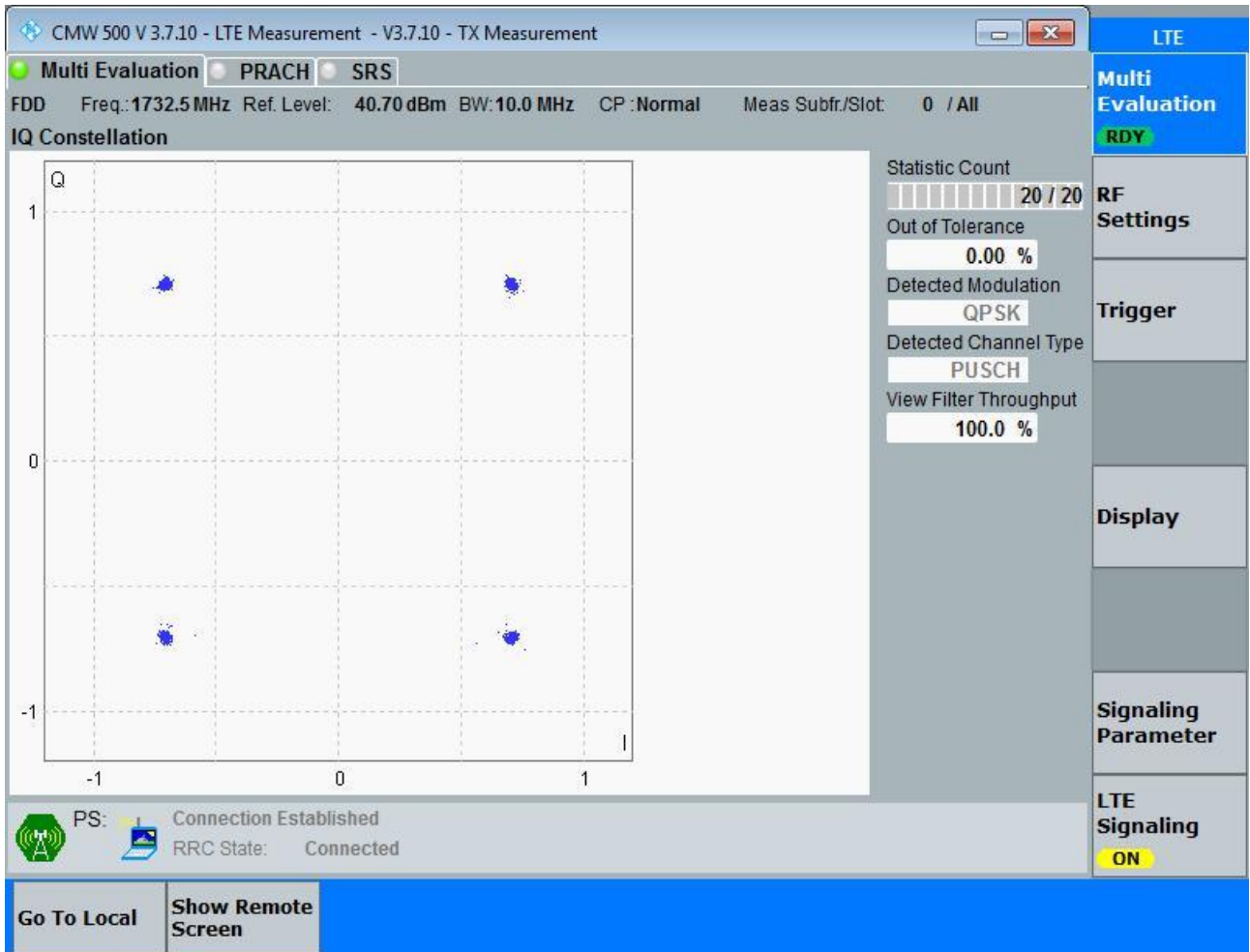
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

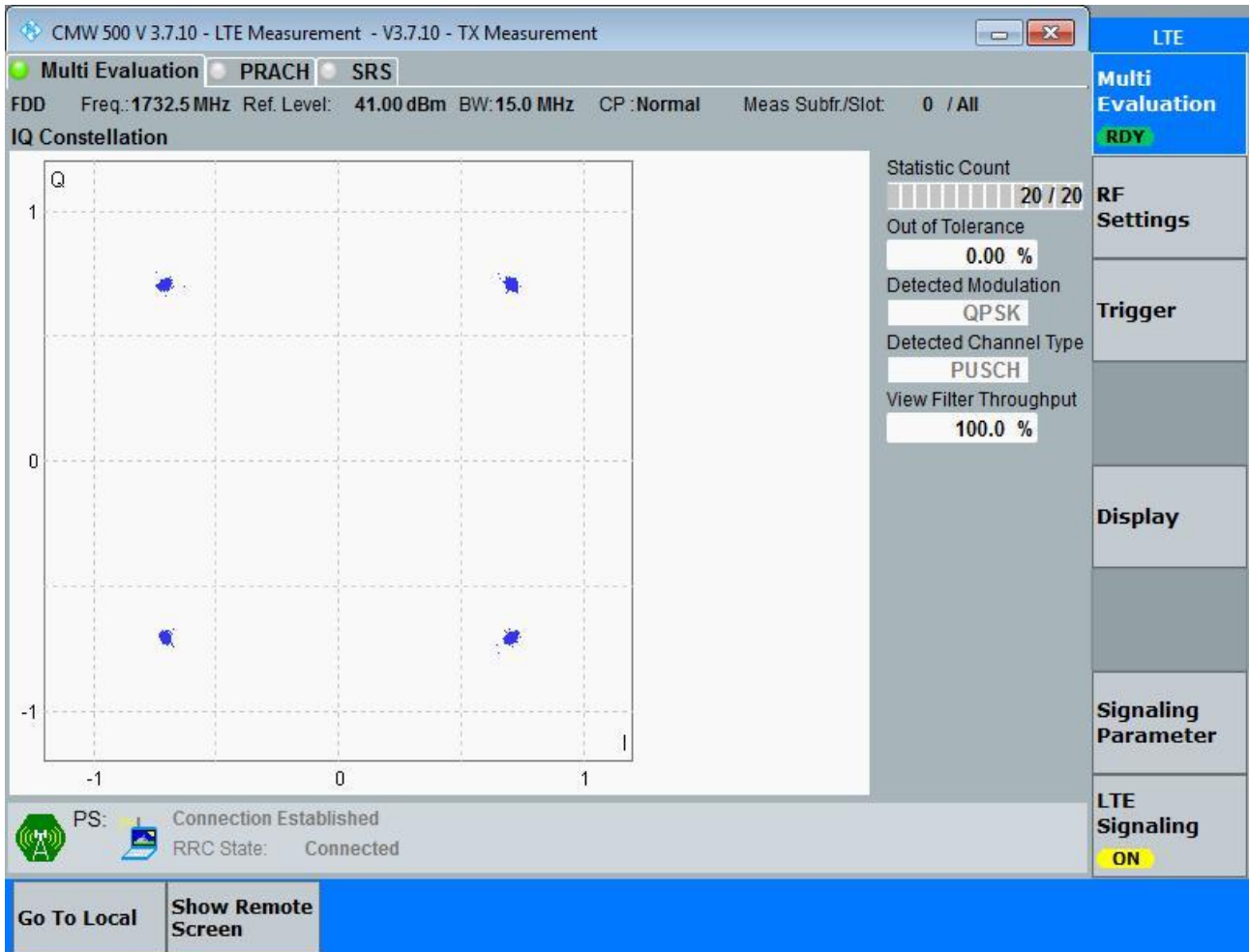
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

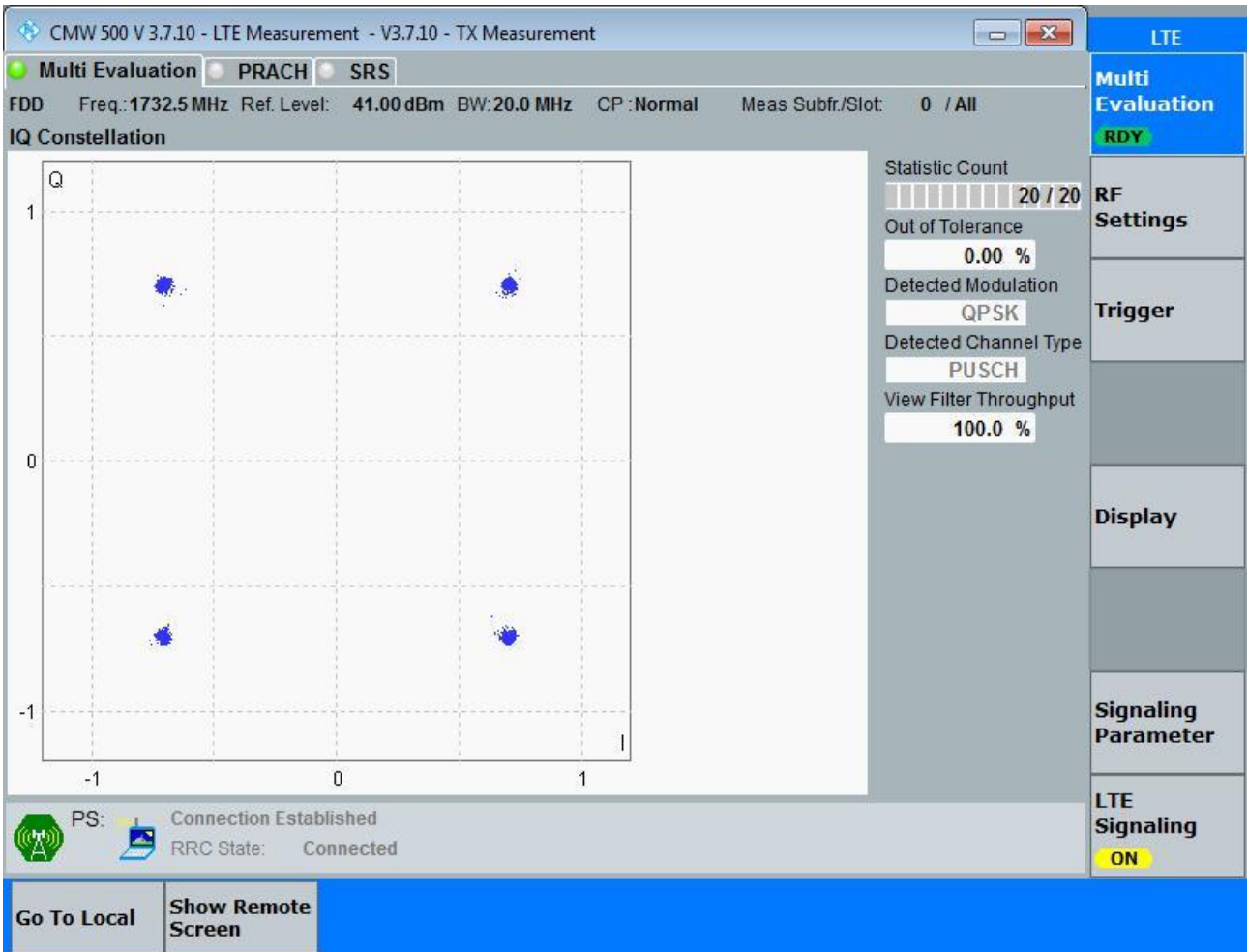
3.1.1.1.5.1.1 Test RB = RB75#0



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

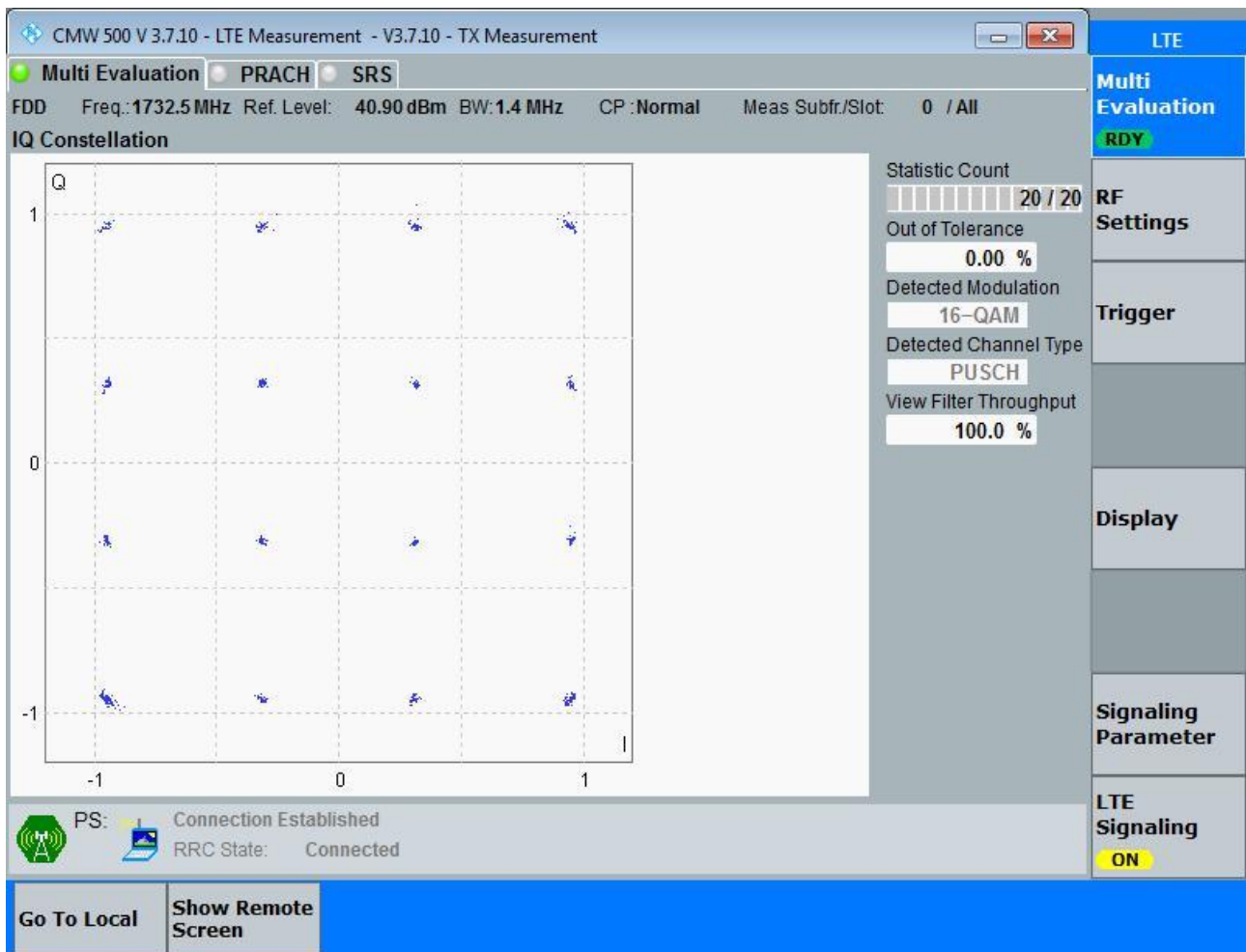


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

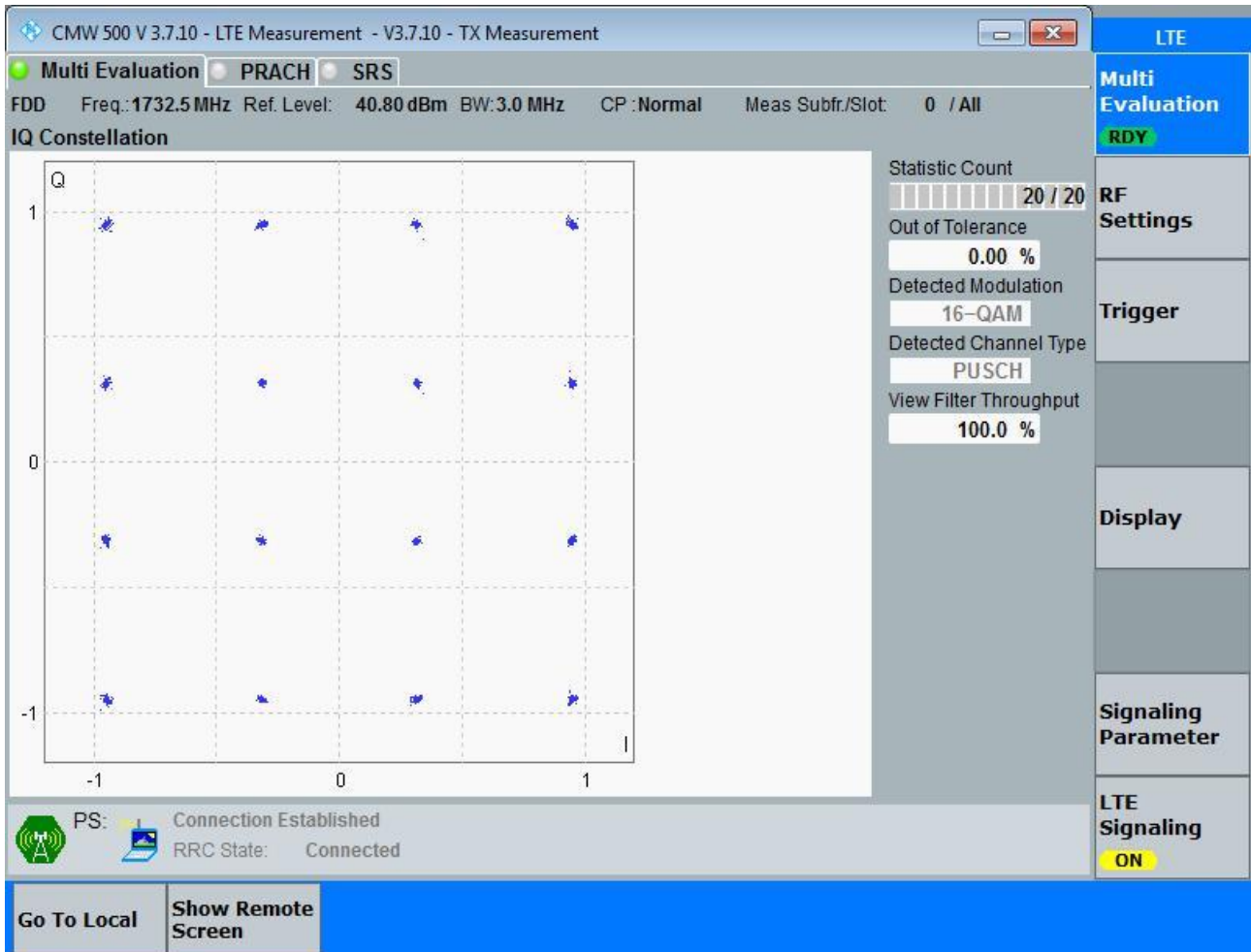
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

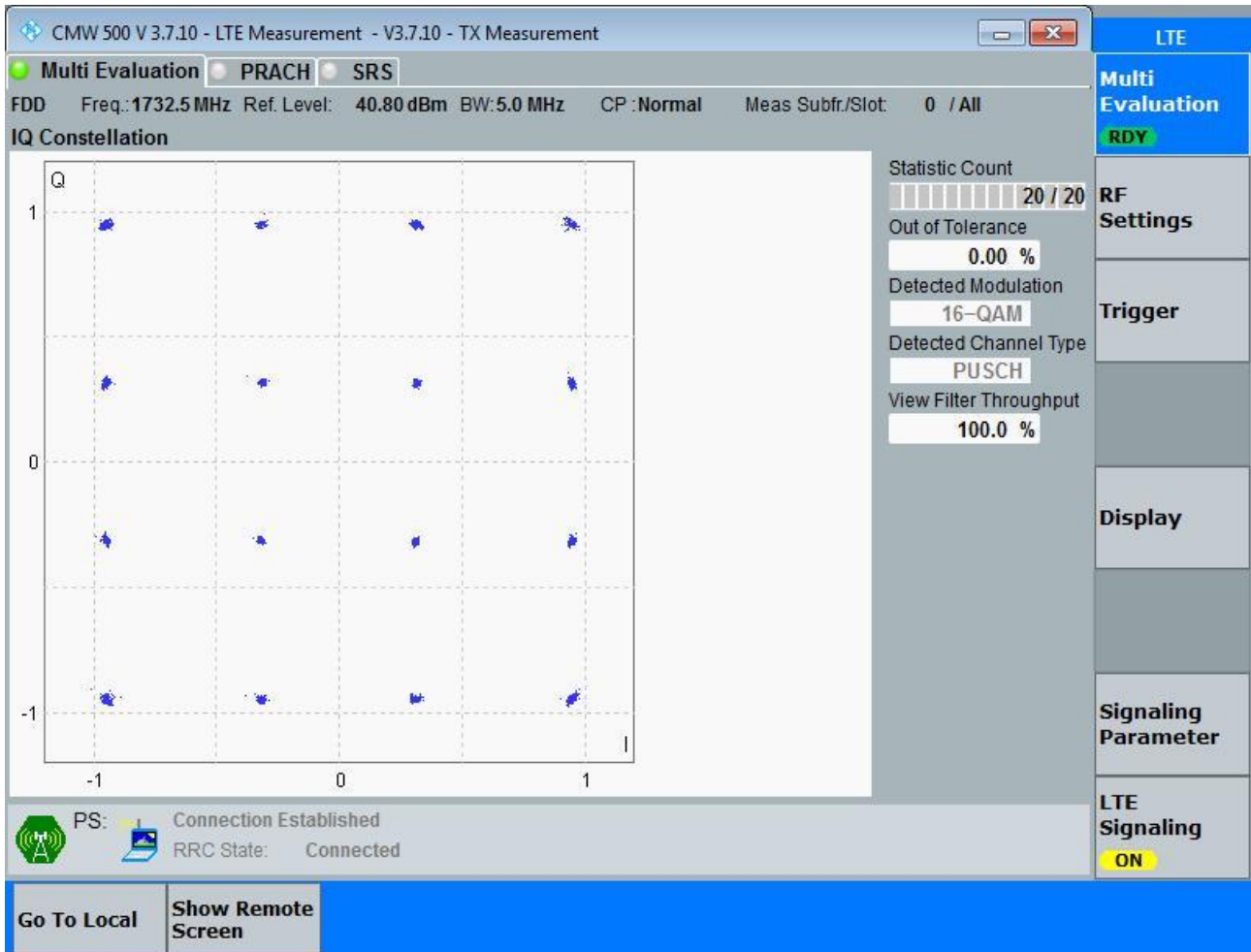
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

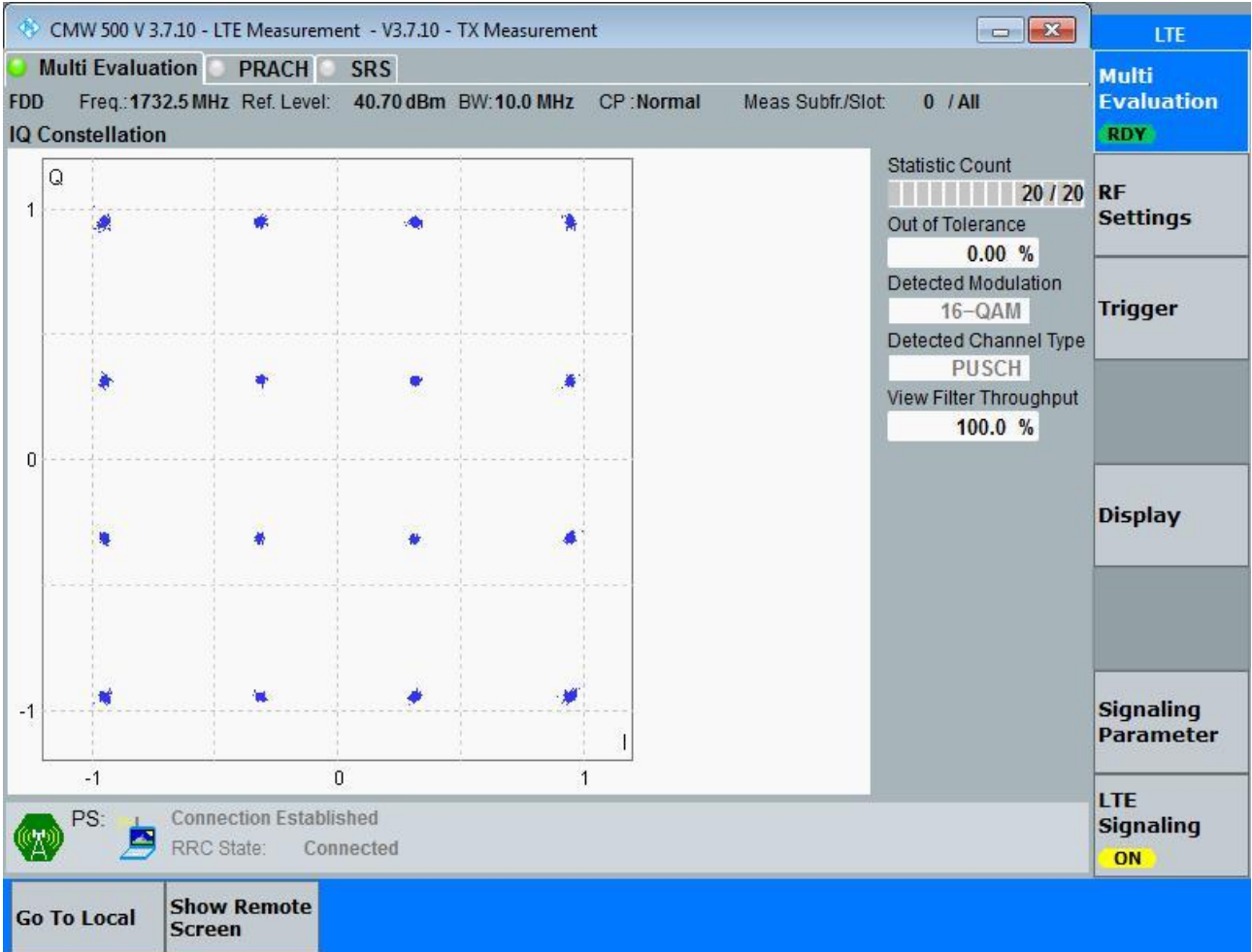
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

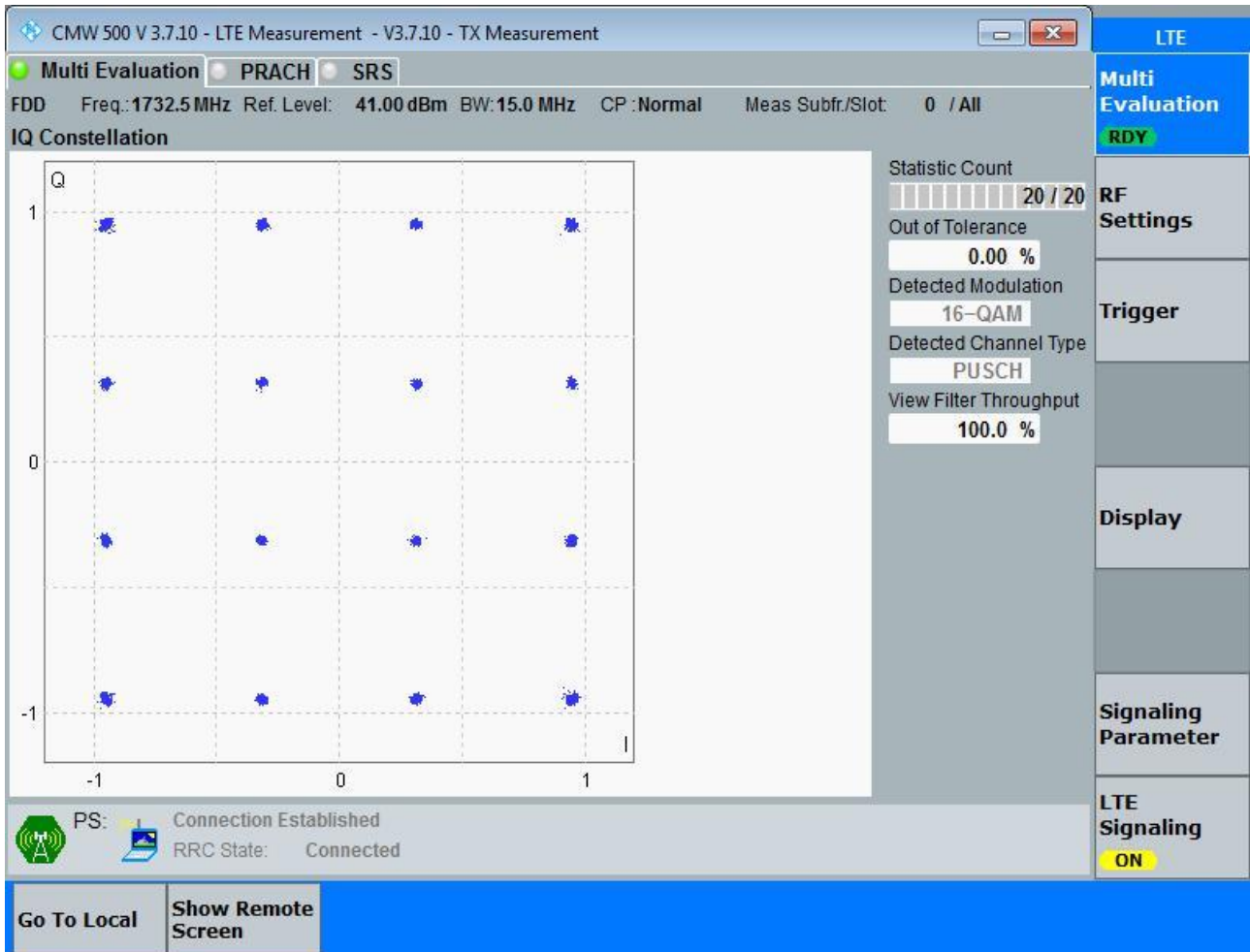
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

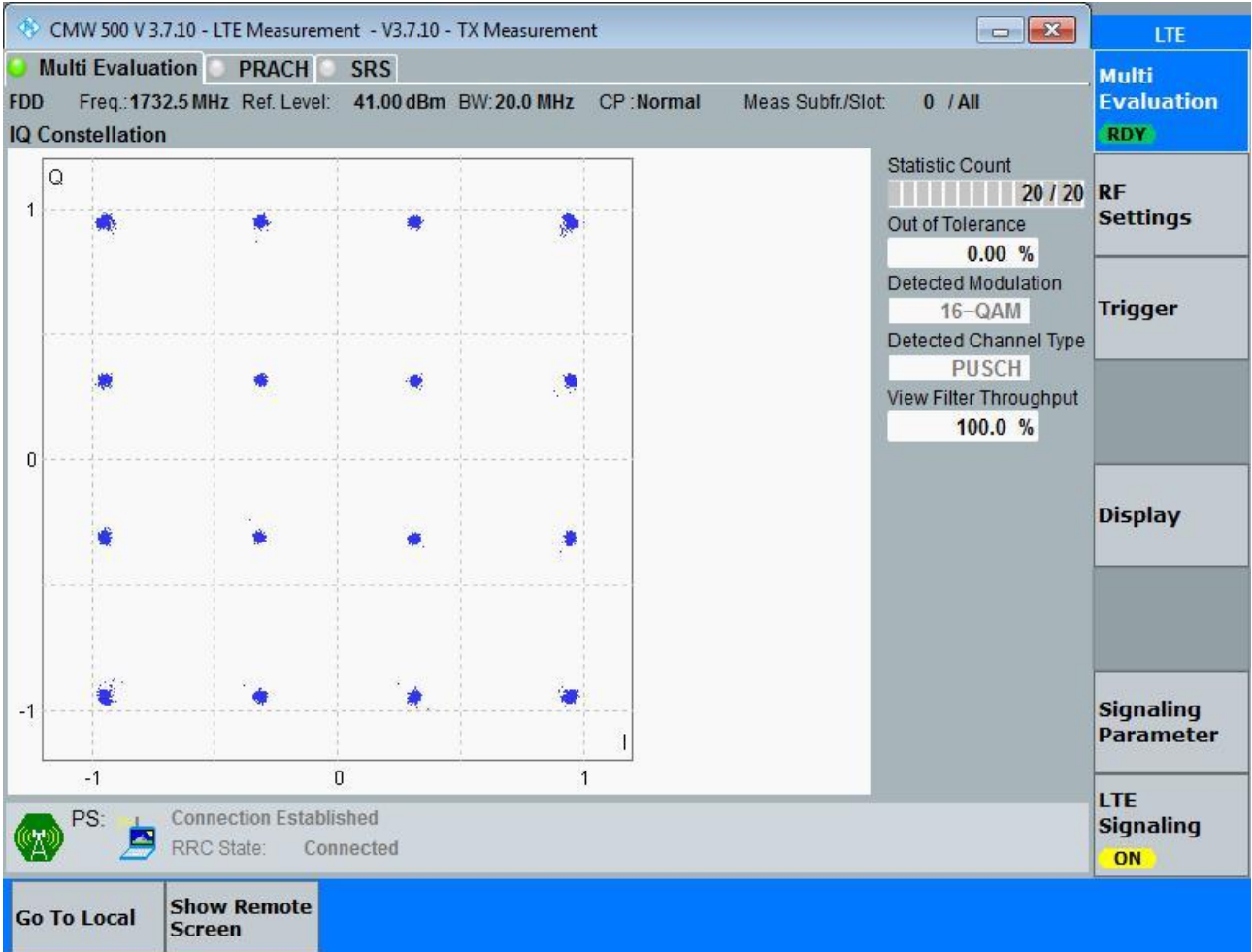
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.10	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.25	Pass
		3	LCH	RB15#0	2.70	2.97	Pass
			MCH	RB15#0	2.70	2.98	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.50	4.94	Pass
			MCH	RB25#0	4.50	4.95	Pass
			HCH	RB25#0	4.51	4.94	Pass
		10	LCH	RB50#0	9.02	9.88	Pass
			MCH	RB50#0	9.03	9.97	Pass
			HCH	RB50#0	9.01	9.93	Pass
		15	LCH	RB75#0	13.54	15.00	Pass
			MCH	RB75#0	13.52	15.00	Pass
			HCH	RB75#0	13.51	14.91	Pass
		20	LCH	RB100#0	18.05	19.80	Pass
			MCH	RB100#0	18.04	19.74	Pass
			HCH	RB100#0	18.03	19.70	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.70	2.97	Pass
			MCH	RB15#0	2.71	3.00	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.51	4.95	Pass
			MCH	RB25#0	4.50	4.95	Pass
			HCH	RB25#0	4.50	4.92	Pass
10		LCH	RB50#0	9.02	9.95	Pass	
		MCH	RB50#0	9.02	9.91	Pass	
		HCH	RB50#0	9.01	9.89	Pass	
15		LCH	RB75#0	13.50	15.03	Pass	
		MCH	RB75#0	13.53	14.83	Pass	
		HCH	RB75#0	13.54	15.06	Pass	
20		LCH	RB100#0	18.00	19.78	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	18.06	19.80	Pass
			HCH	RB100#0	18.03	19.72	Pass



Part II - Test Plots

4.1 For LTE

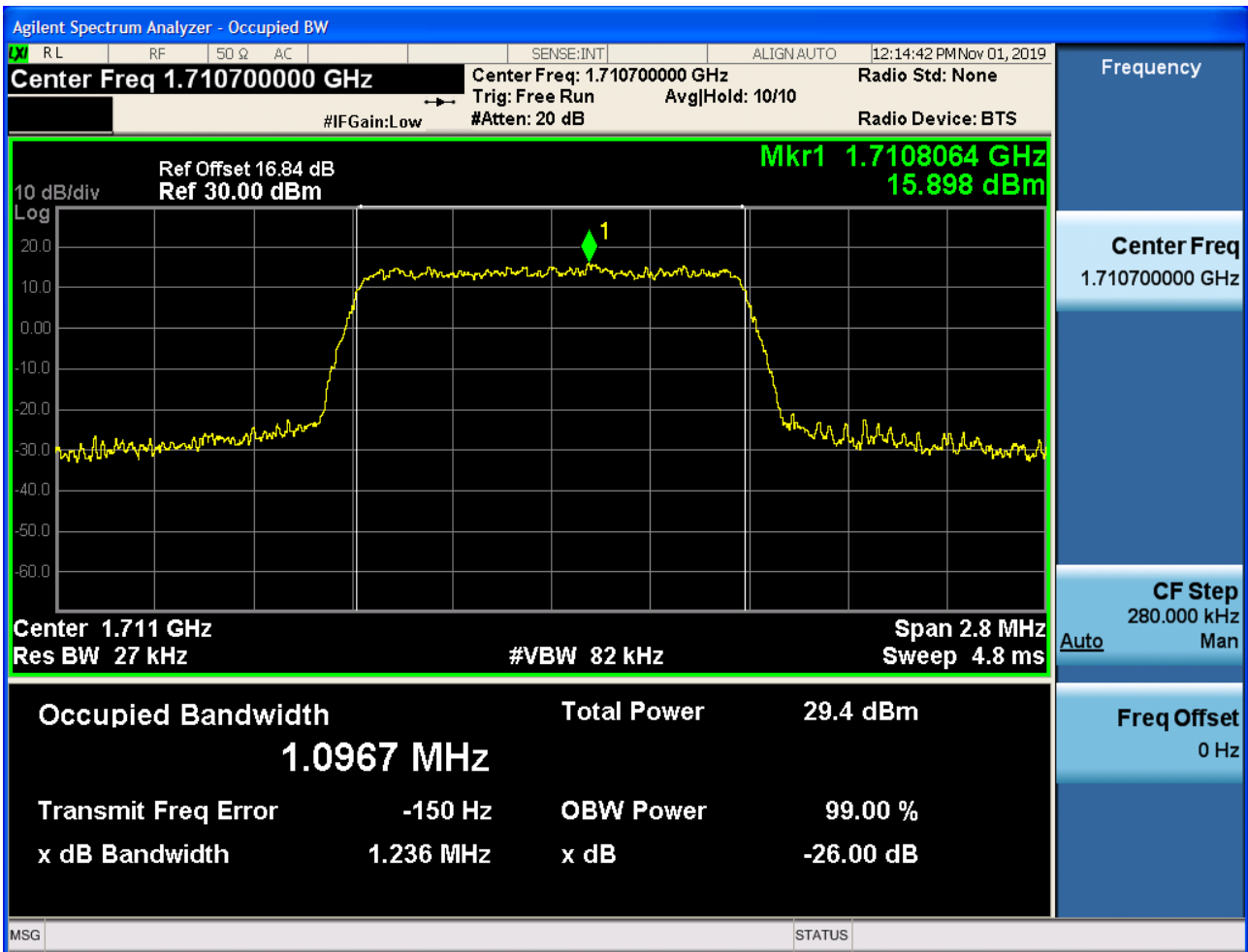
4.1.1 Test Band = Band4

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

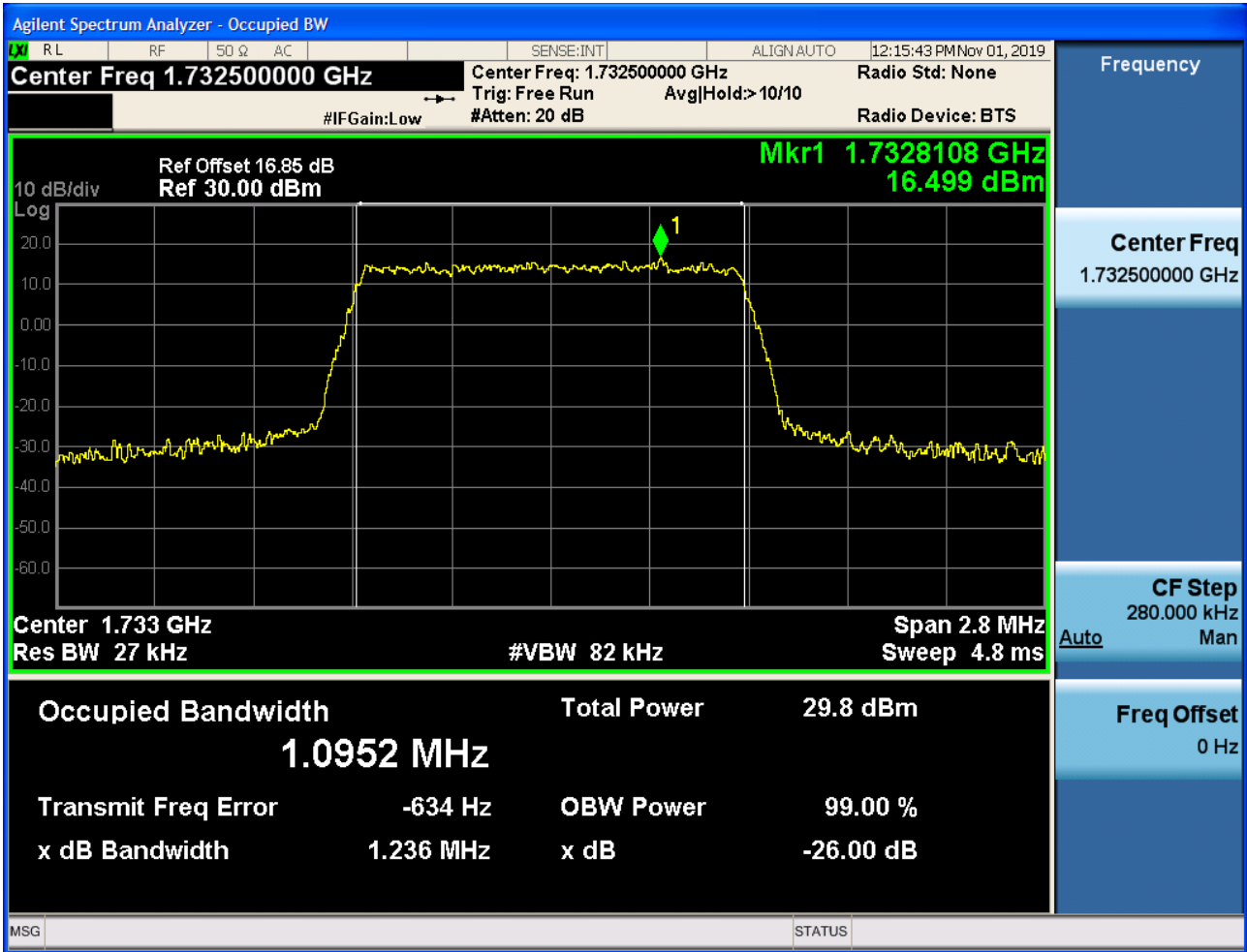
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.2 Test Channel = MCH

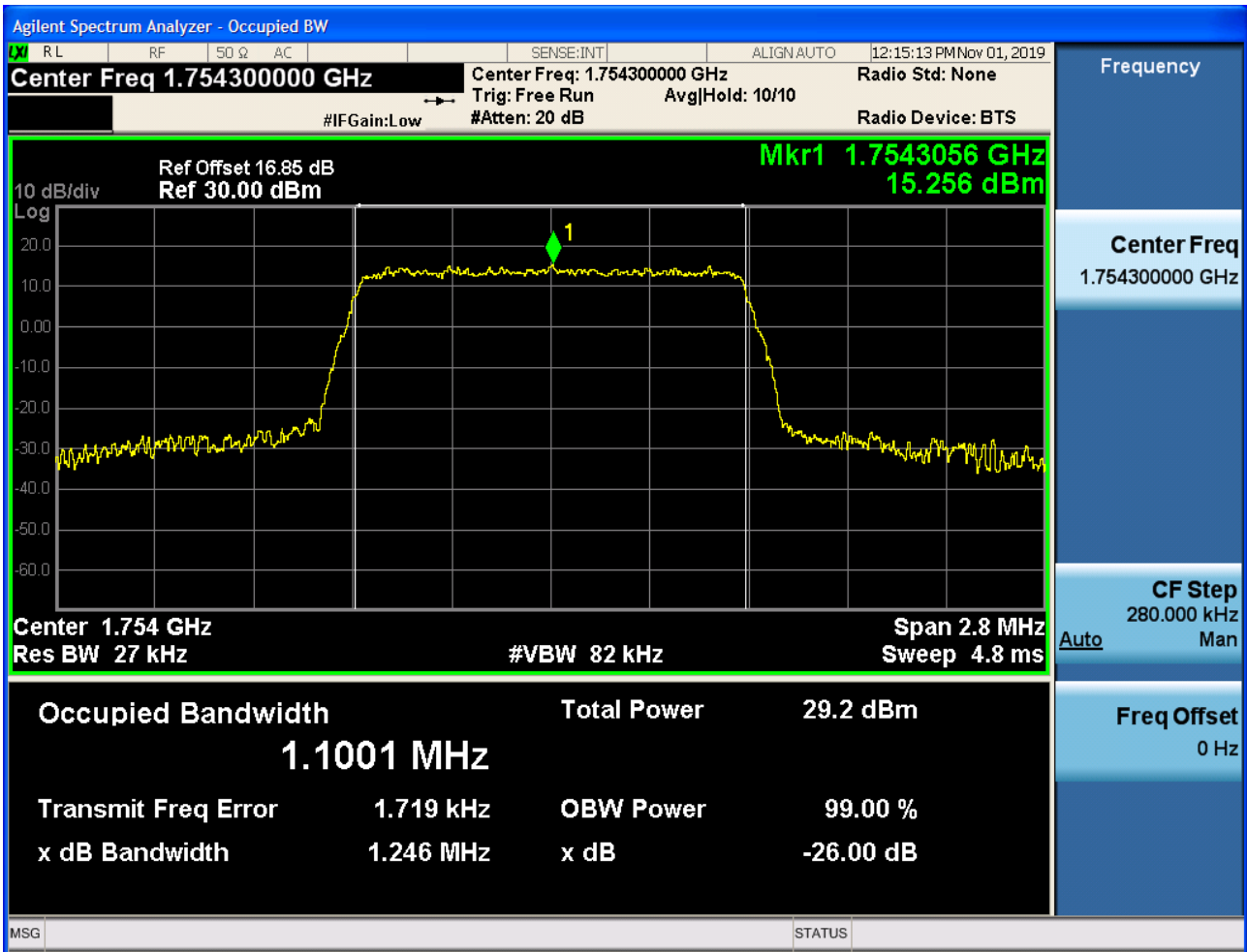
4.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.3 Test Channel = HCH

4.1.1.1.3.1 Test RB = RB6#0

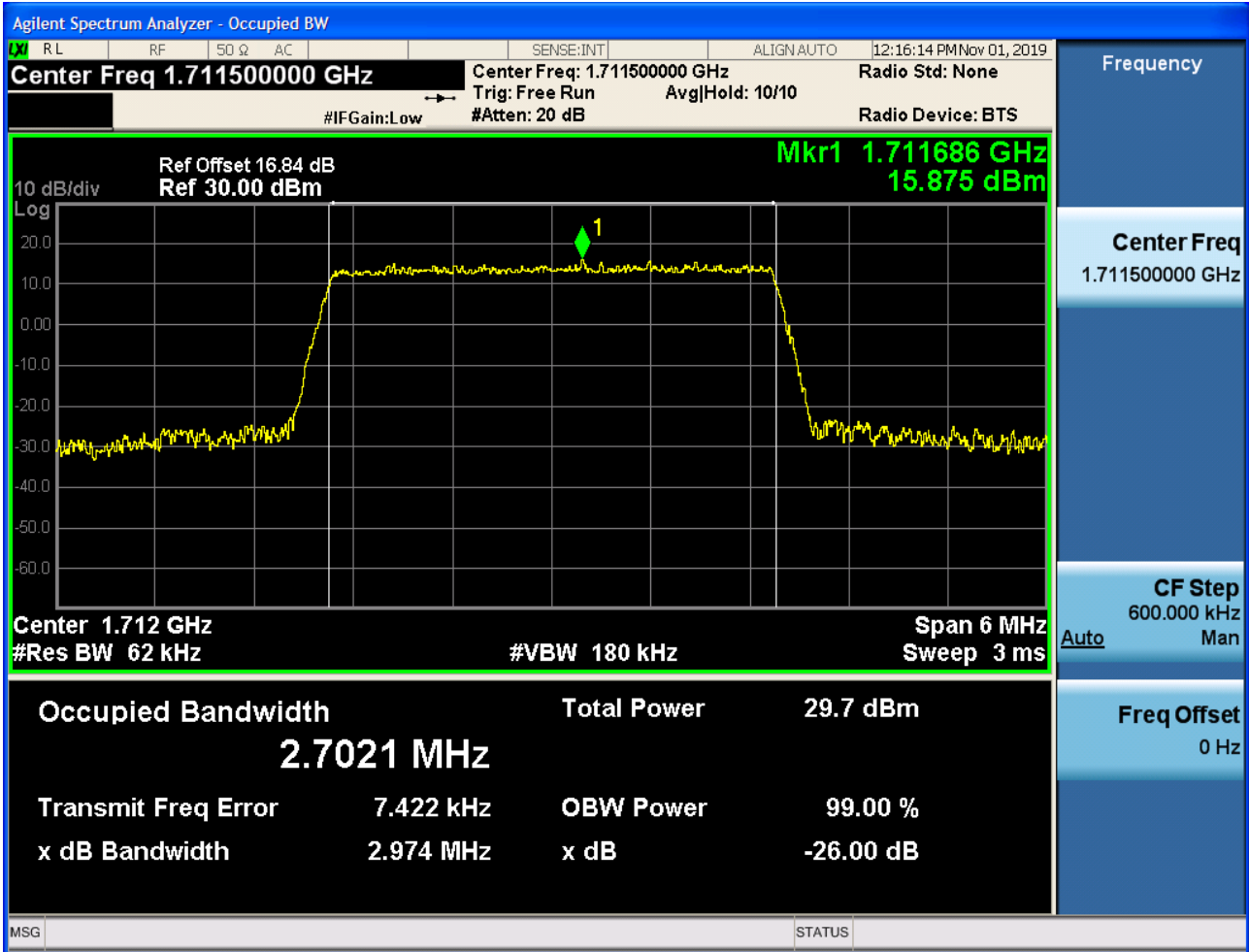




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

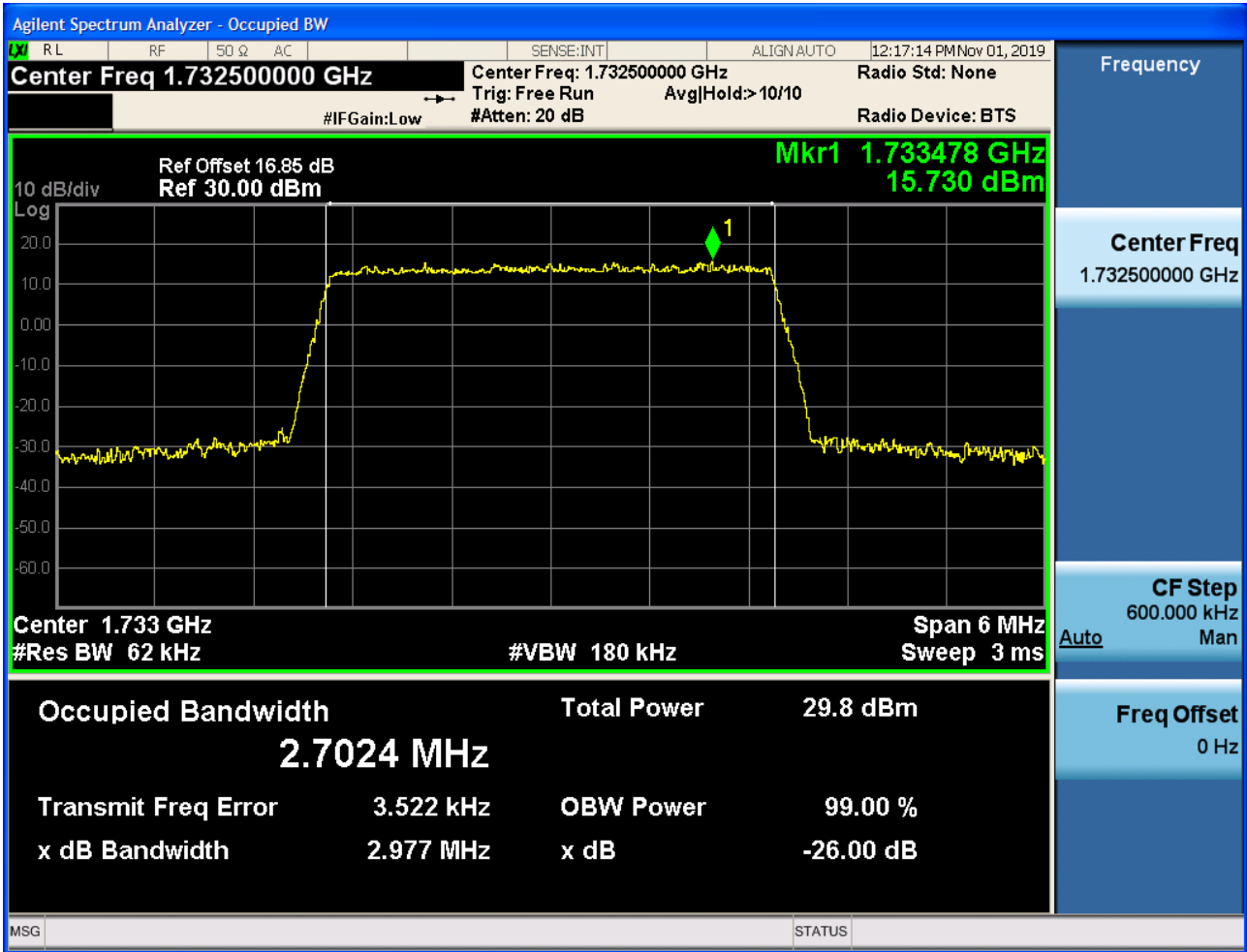
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

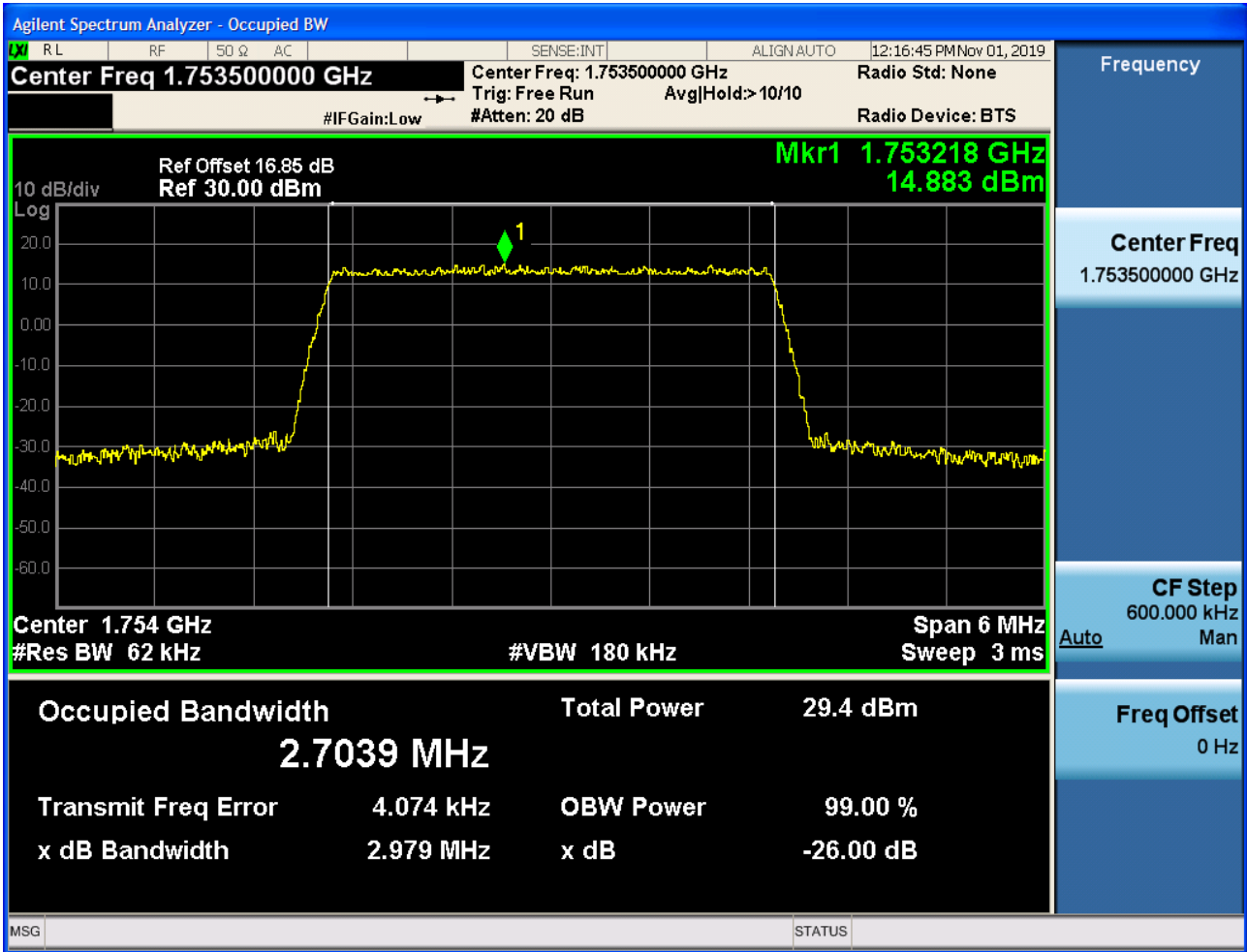
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

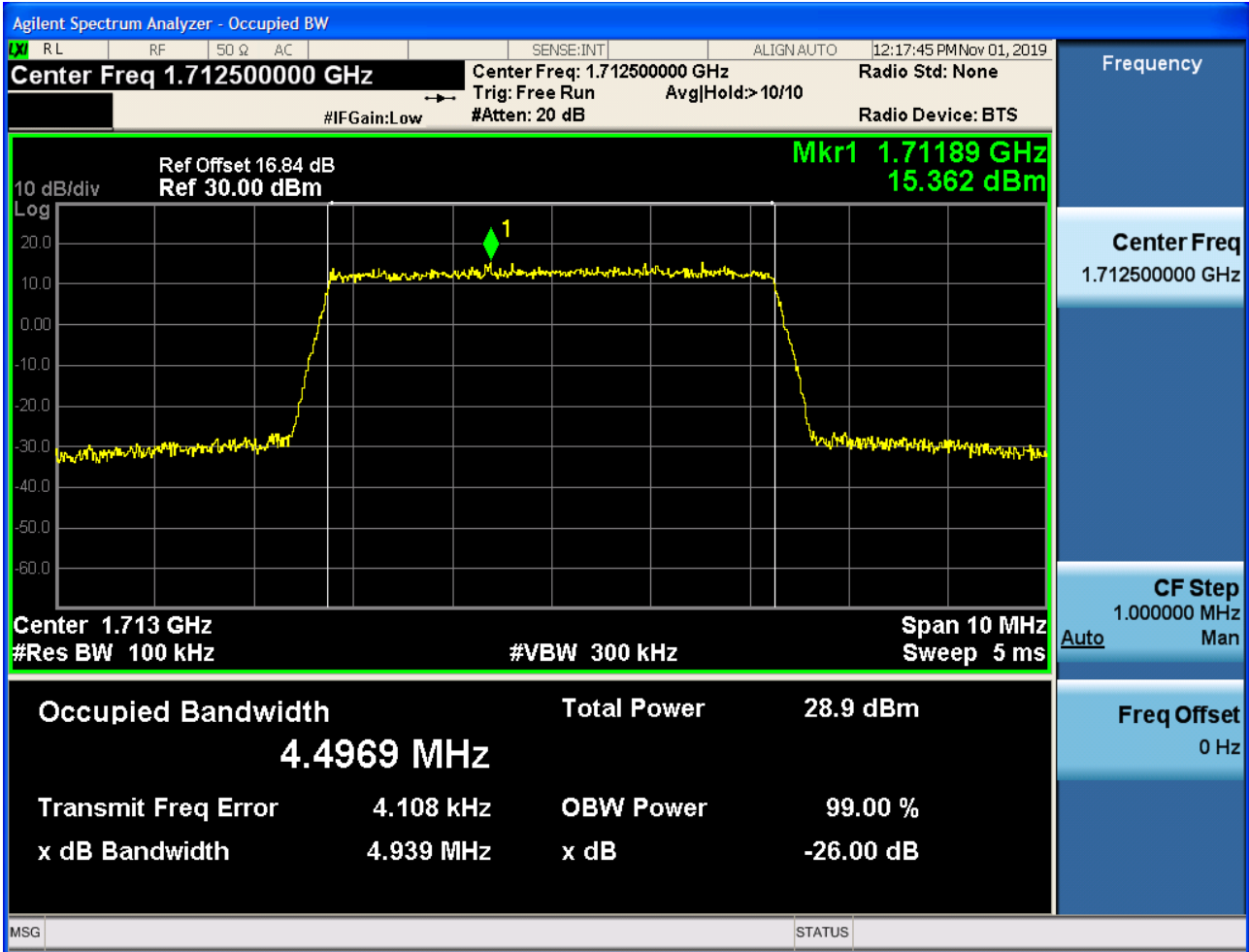




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

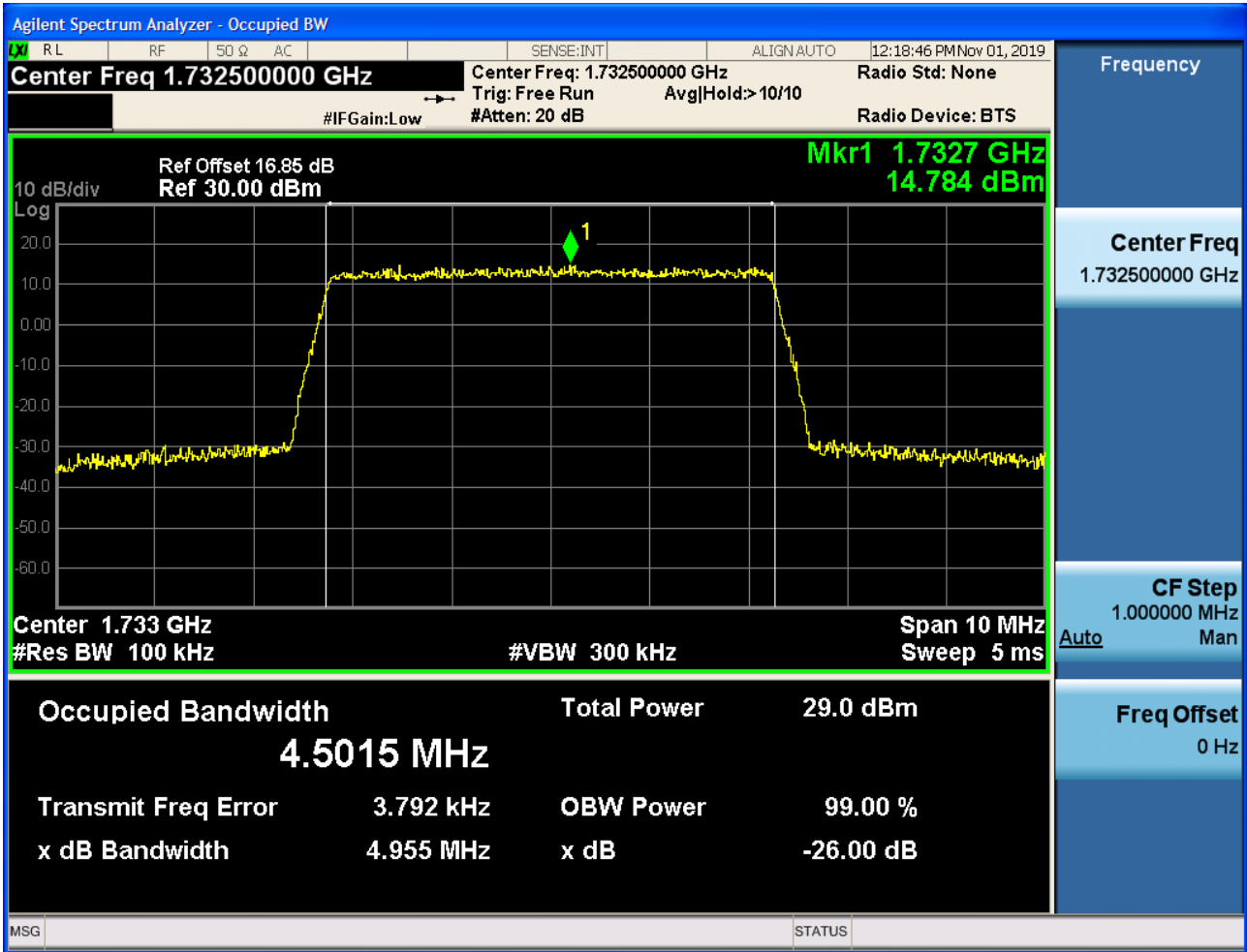
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

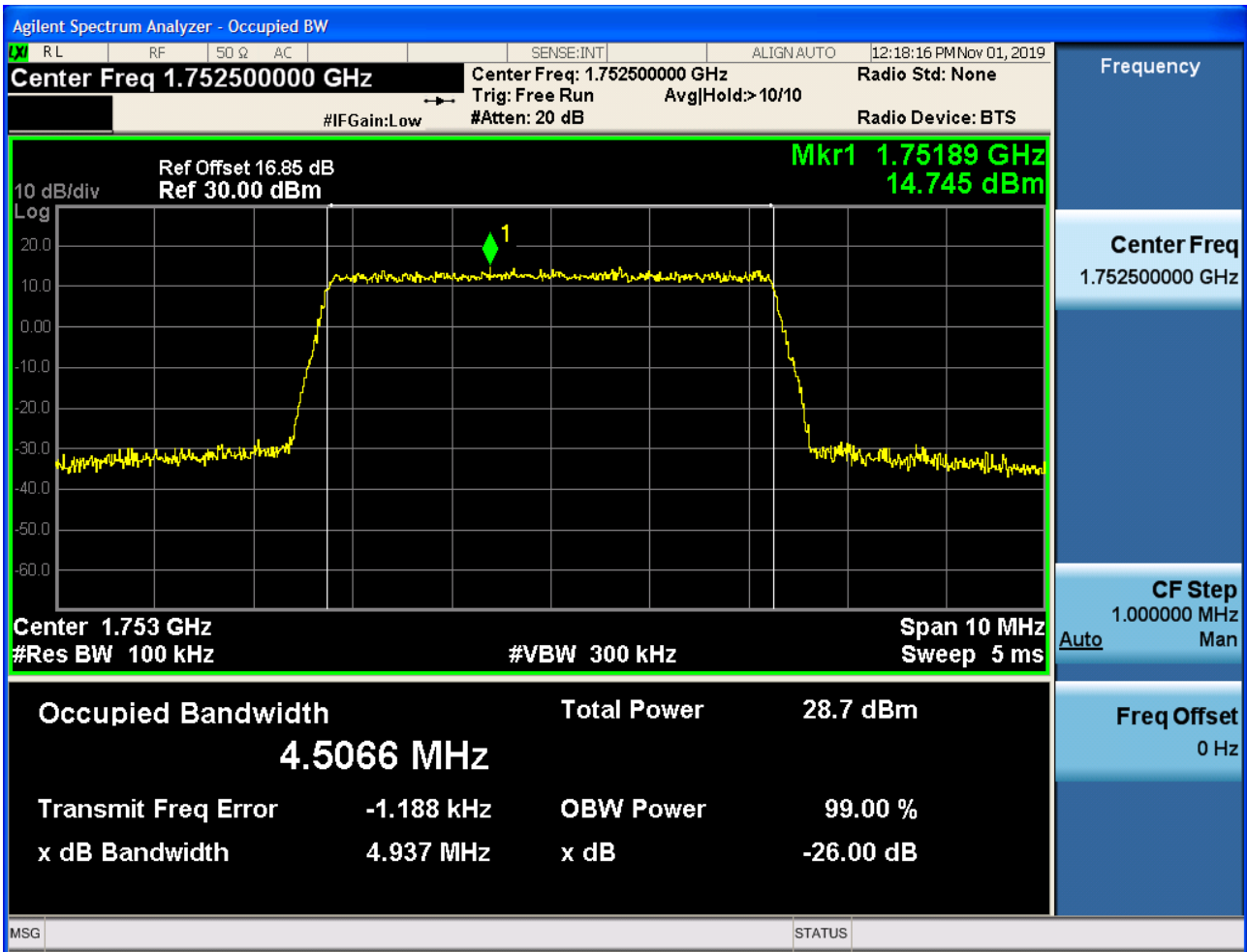
4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0

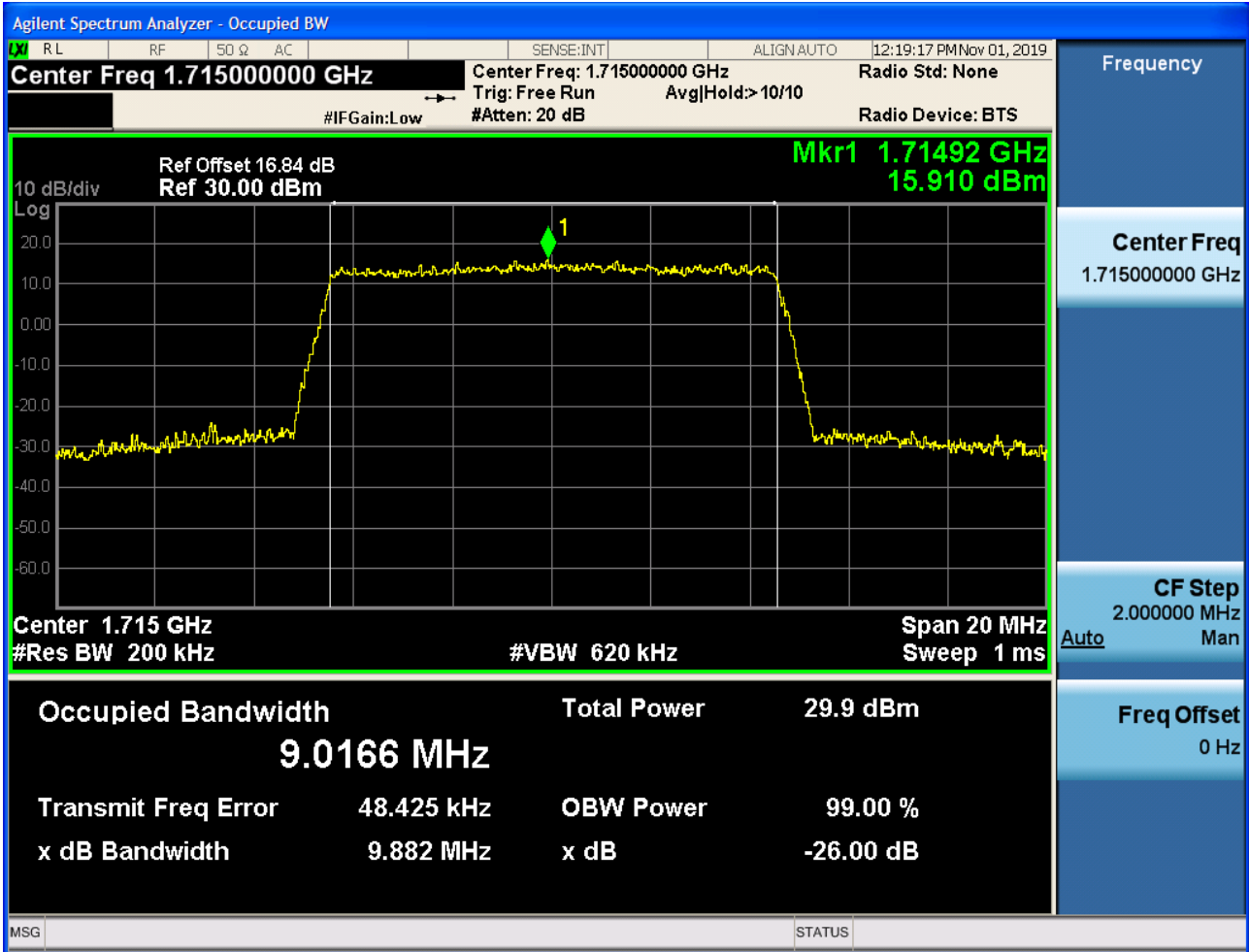




4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

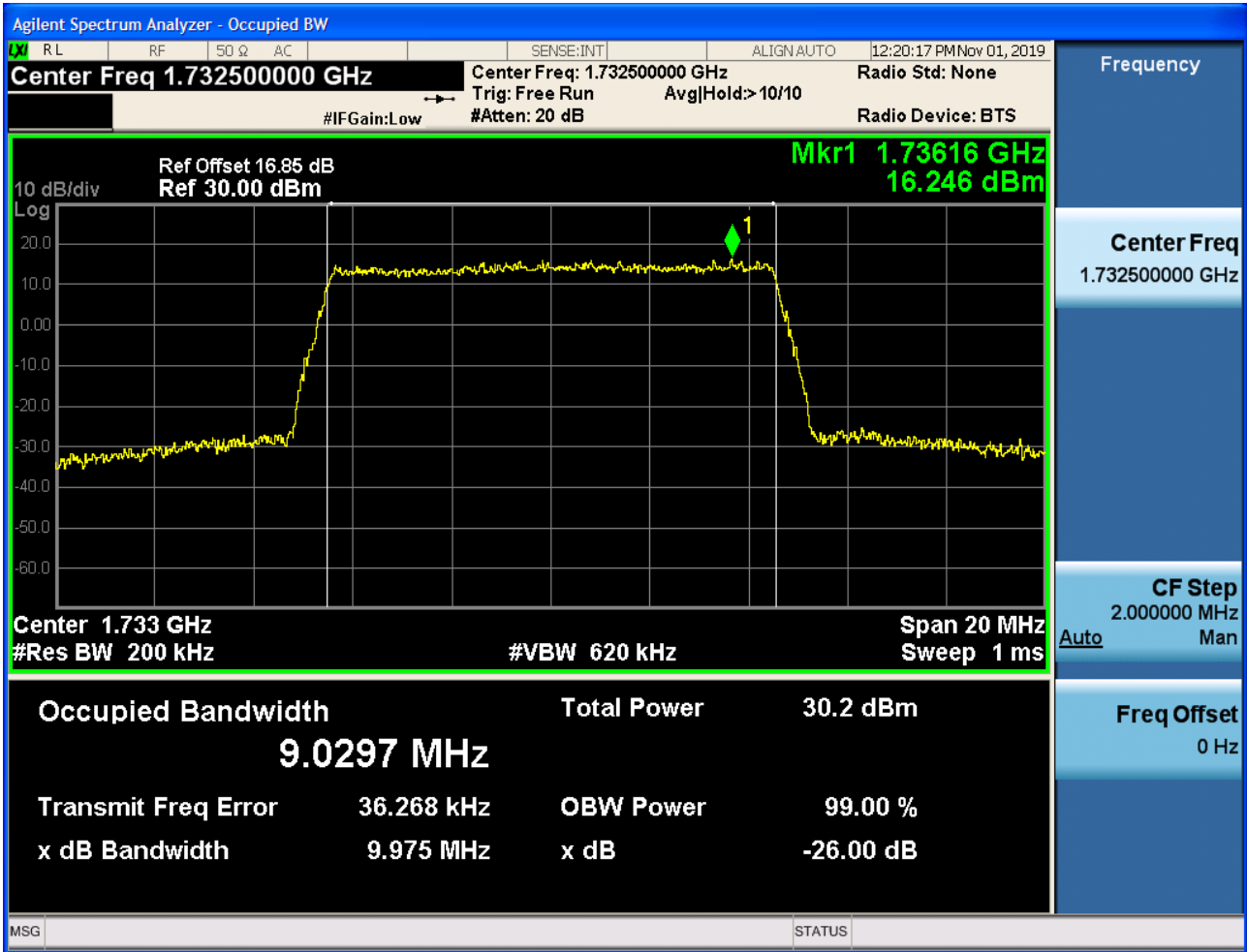
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

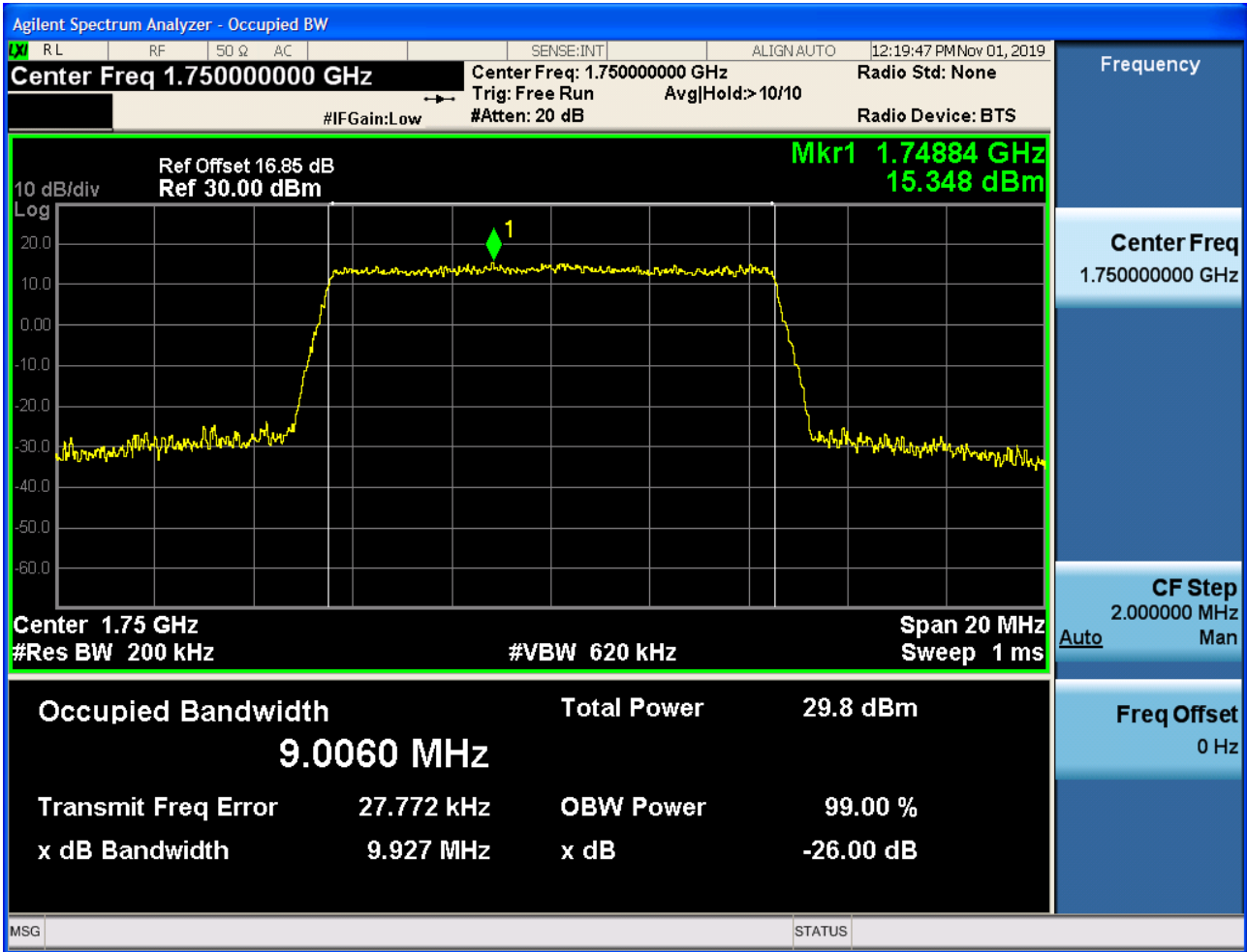
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

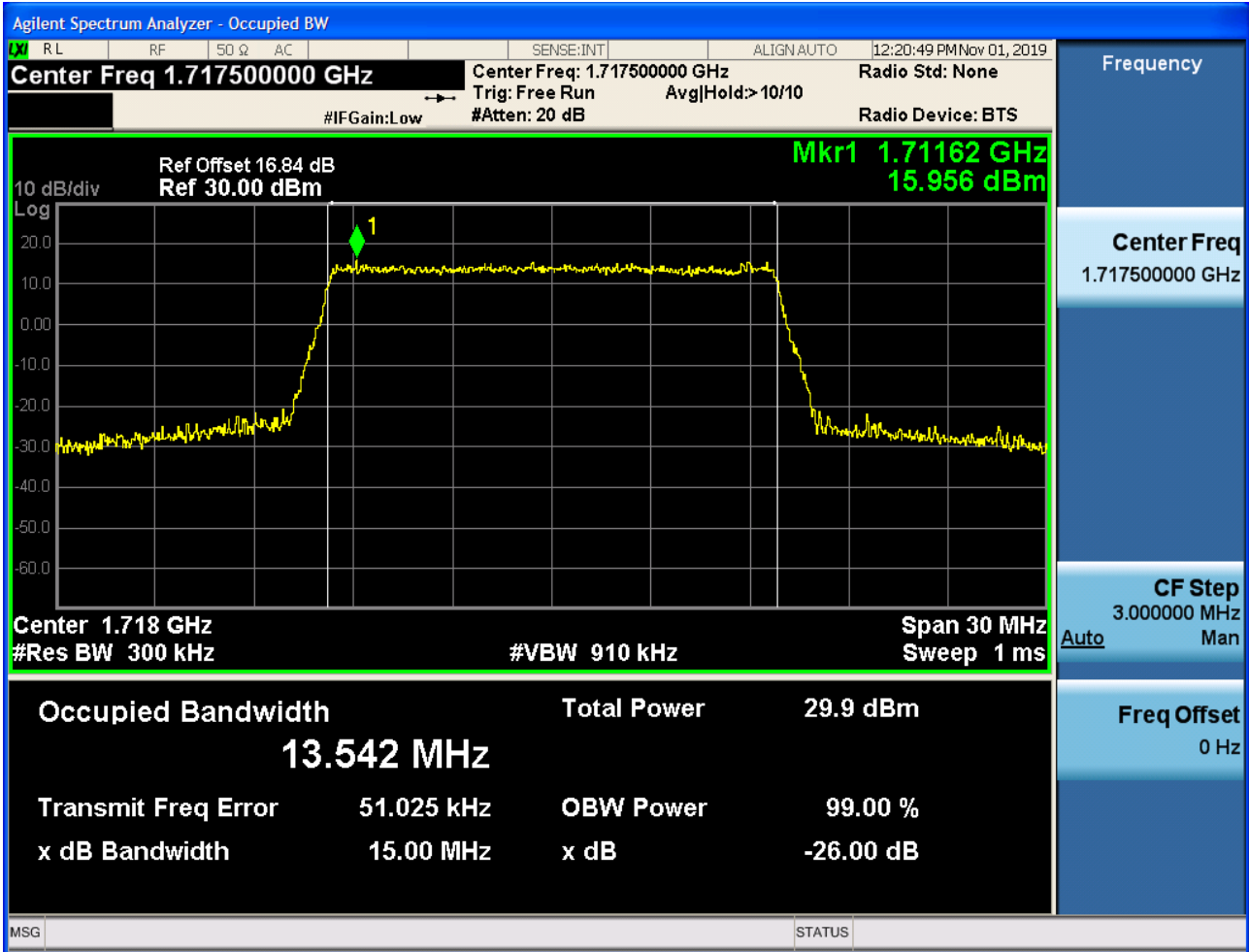




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

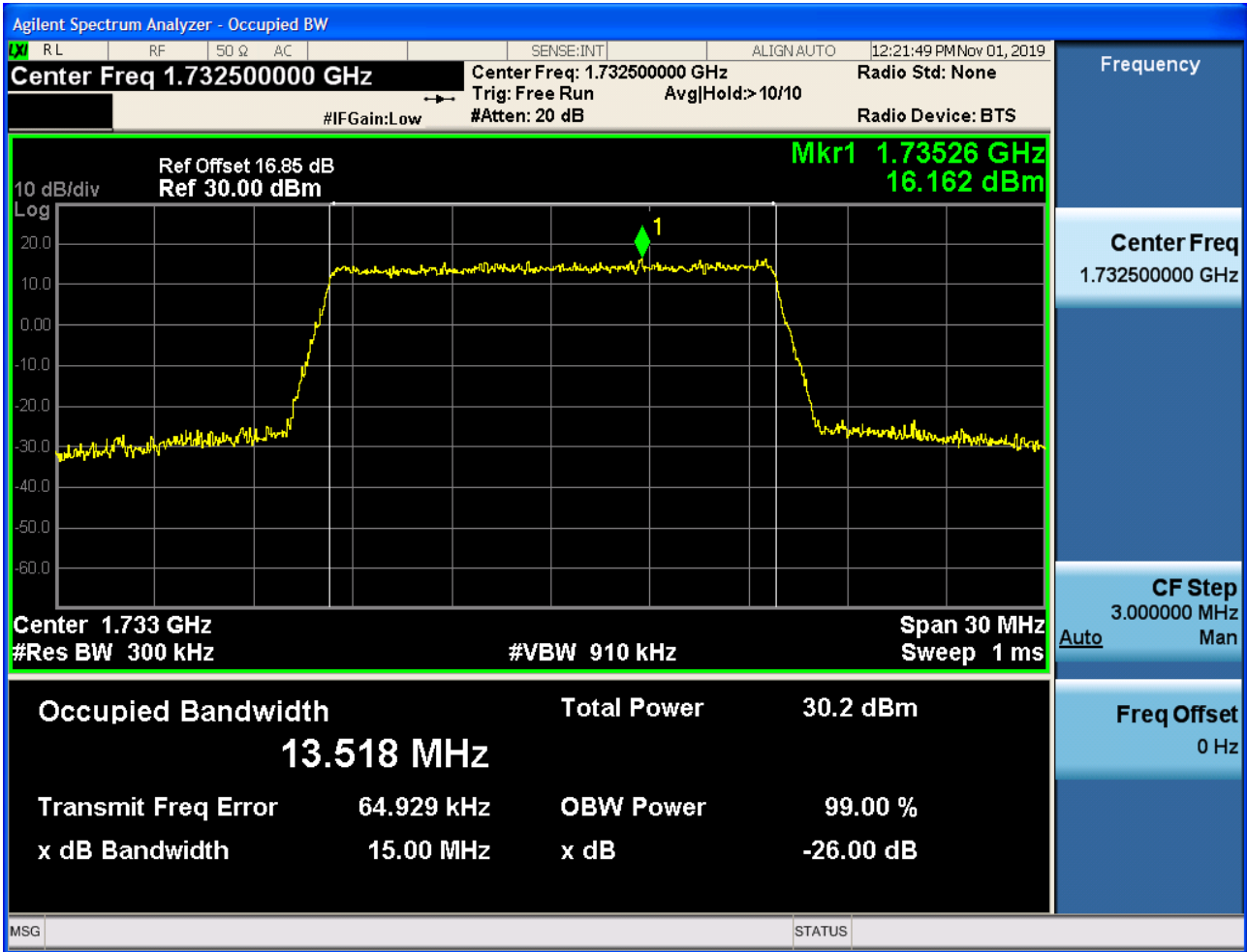
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

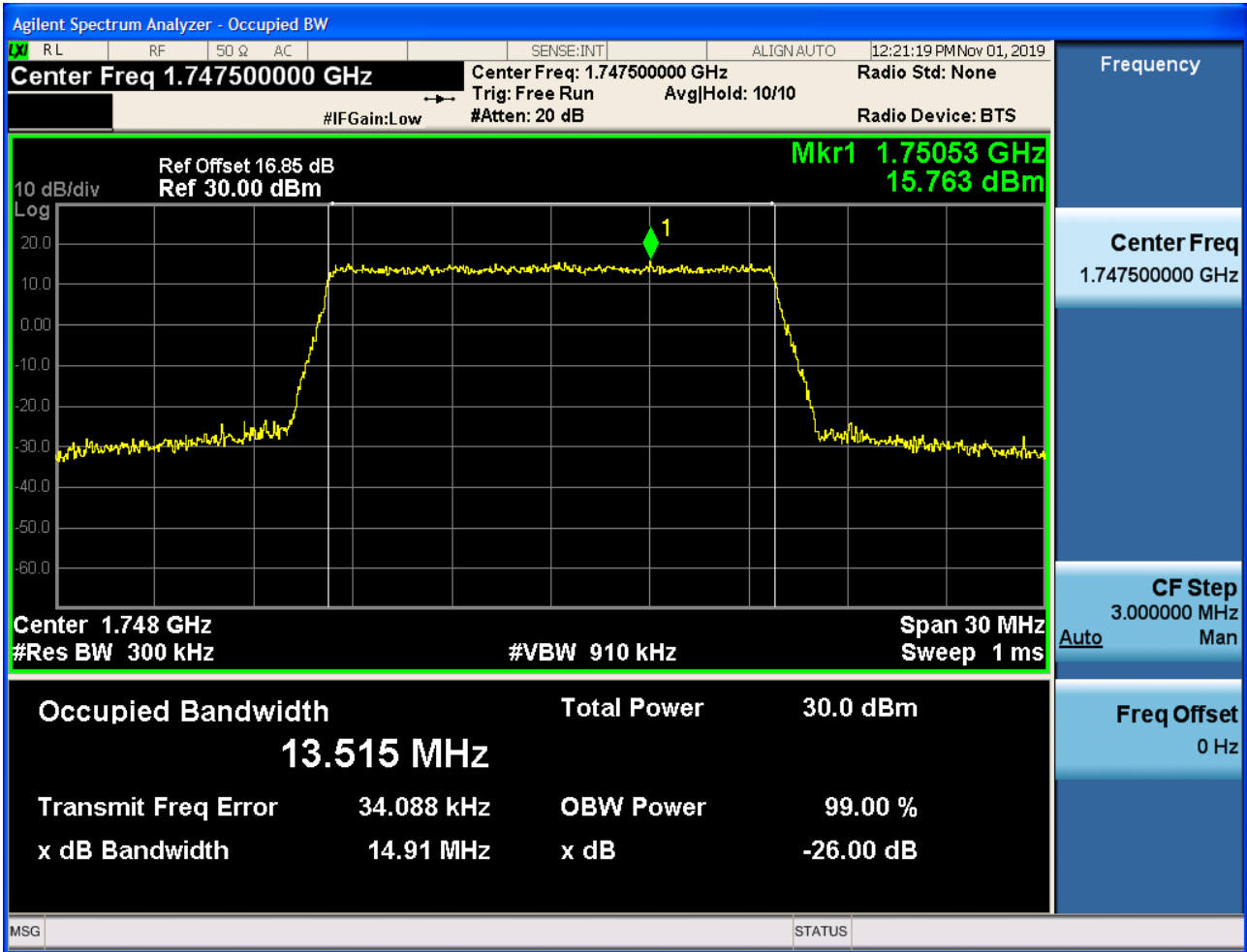
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

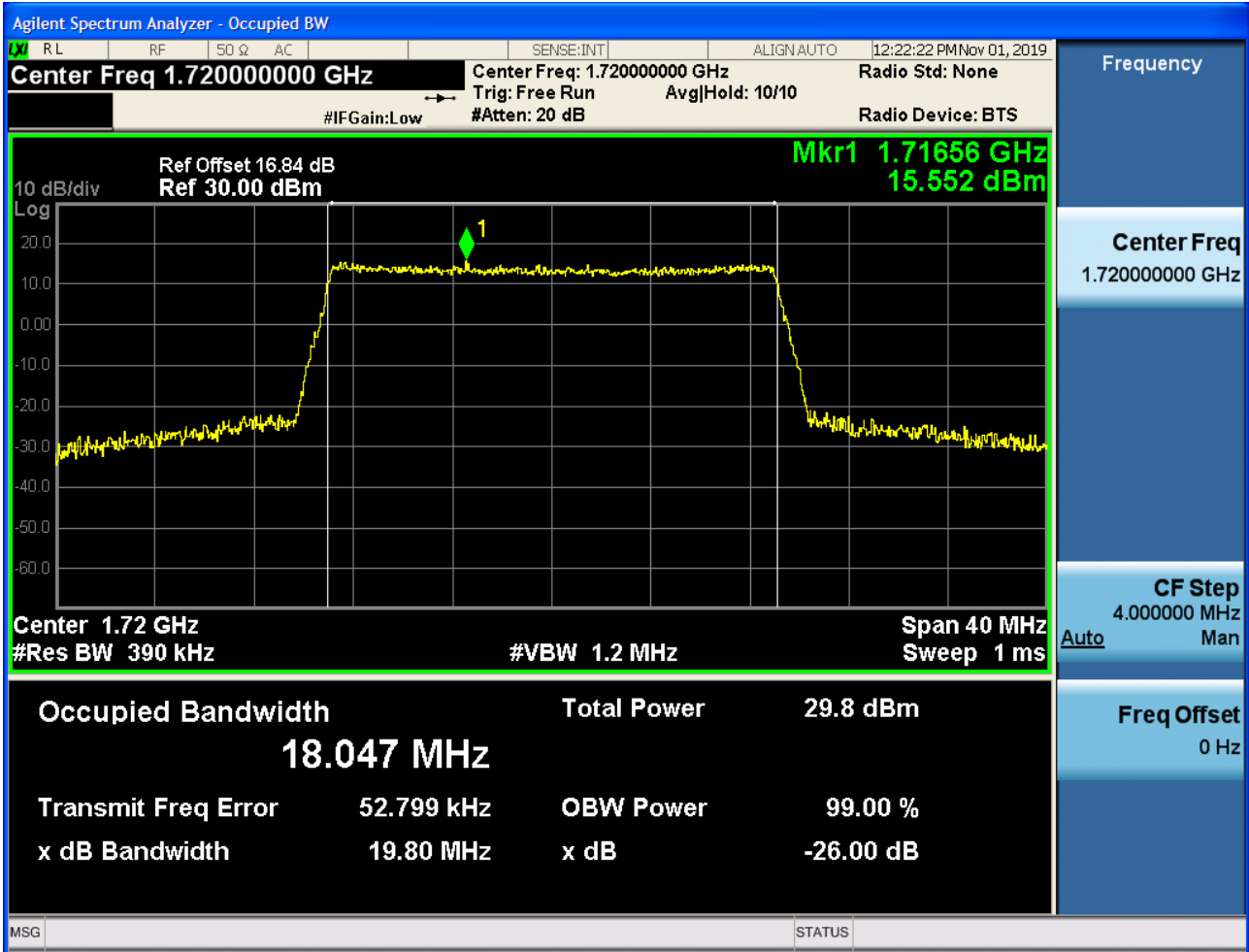




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

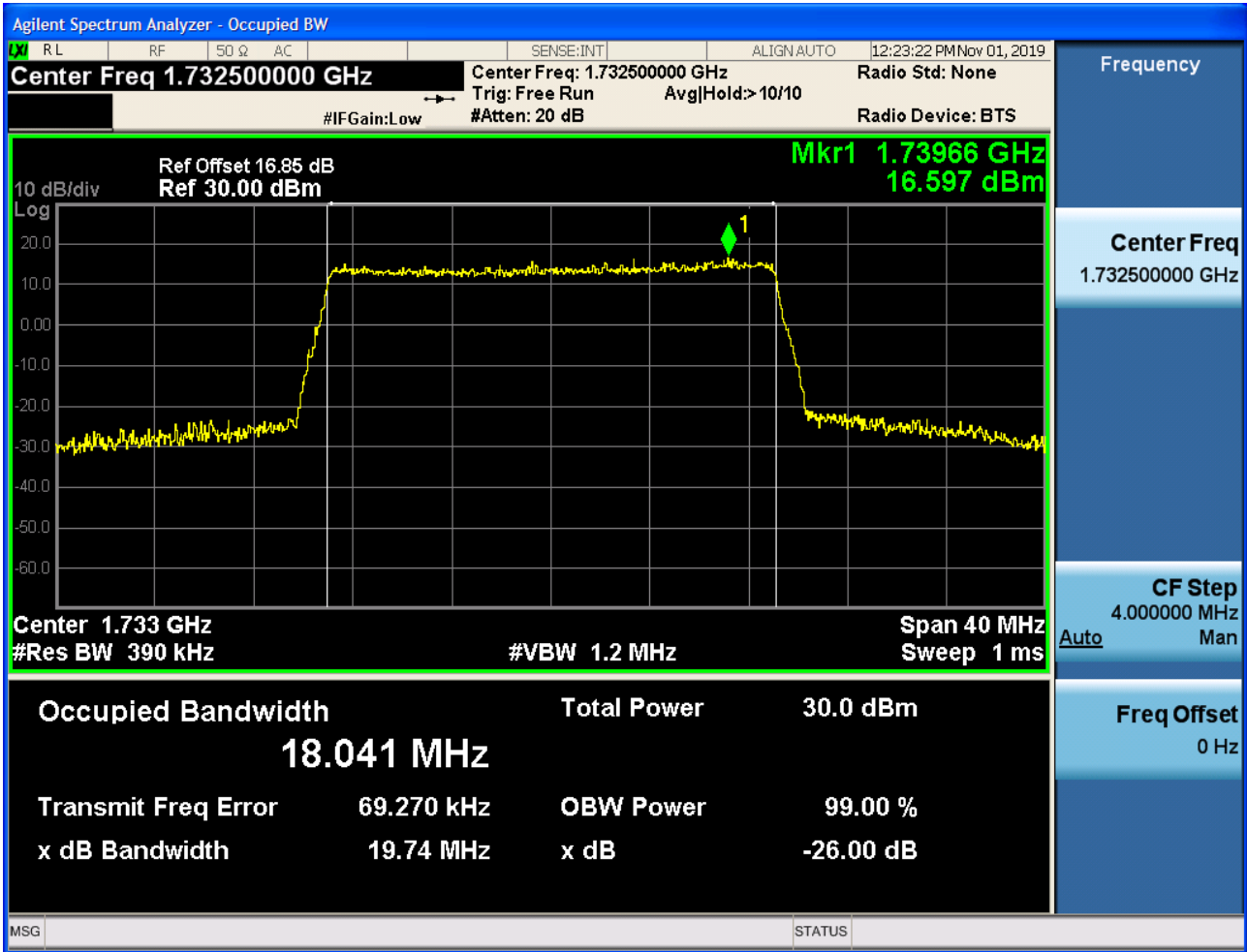
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

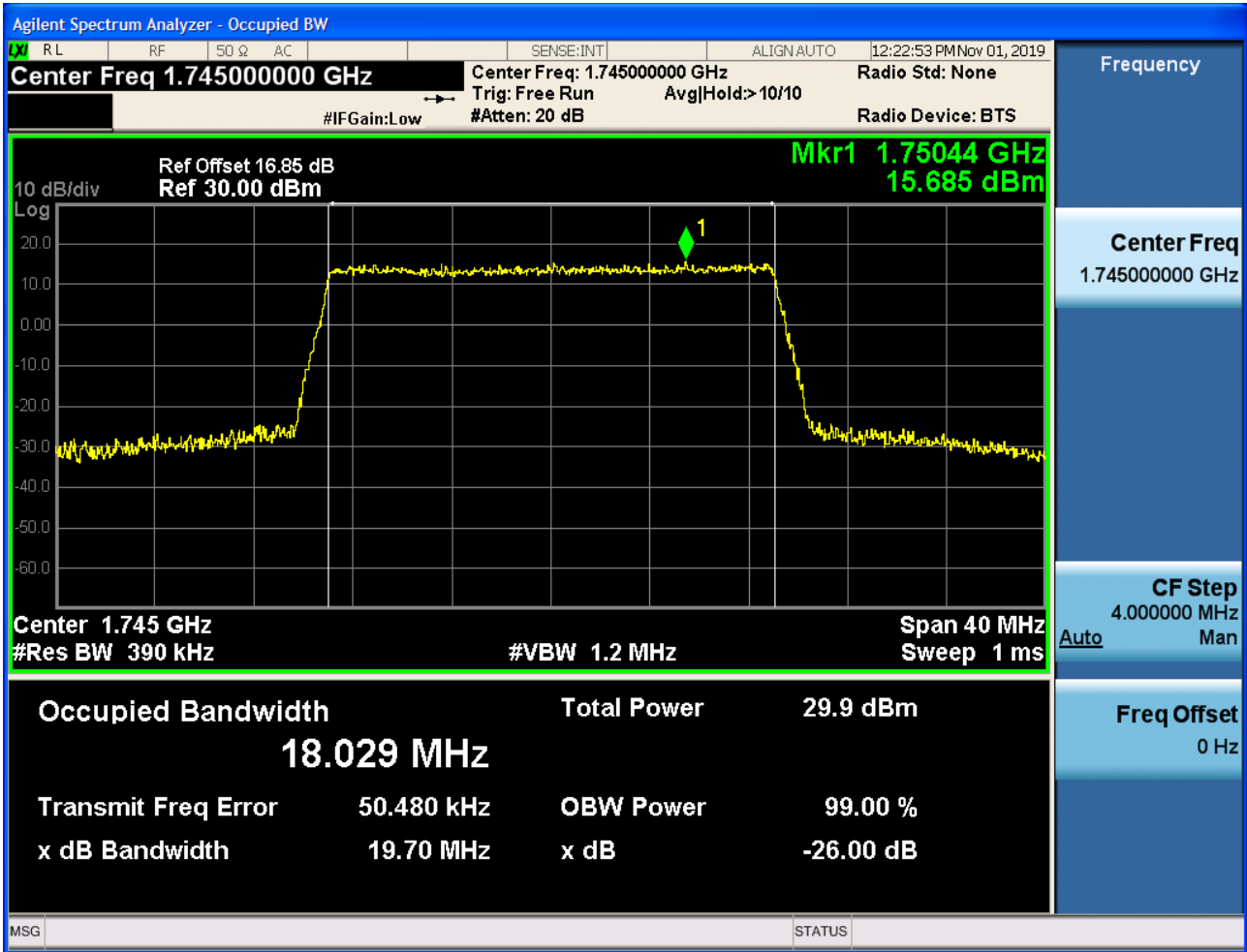
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



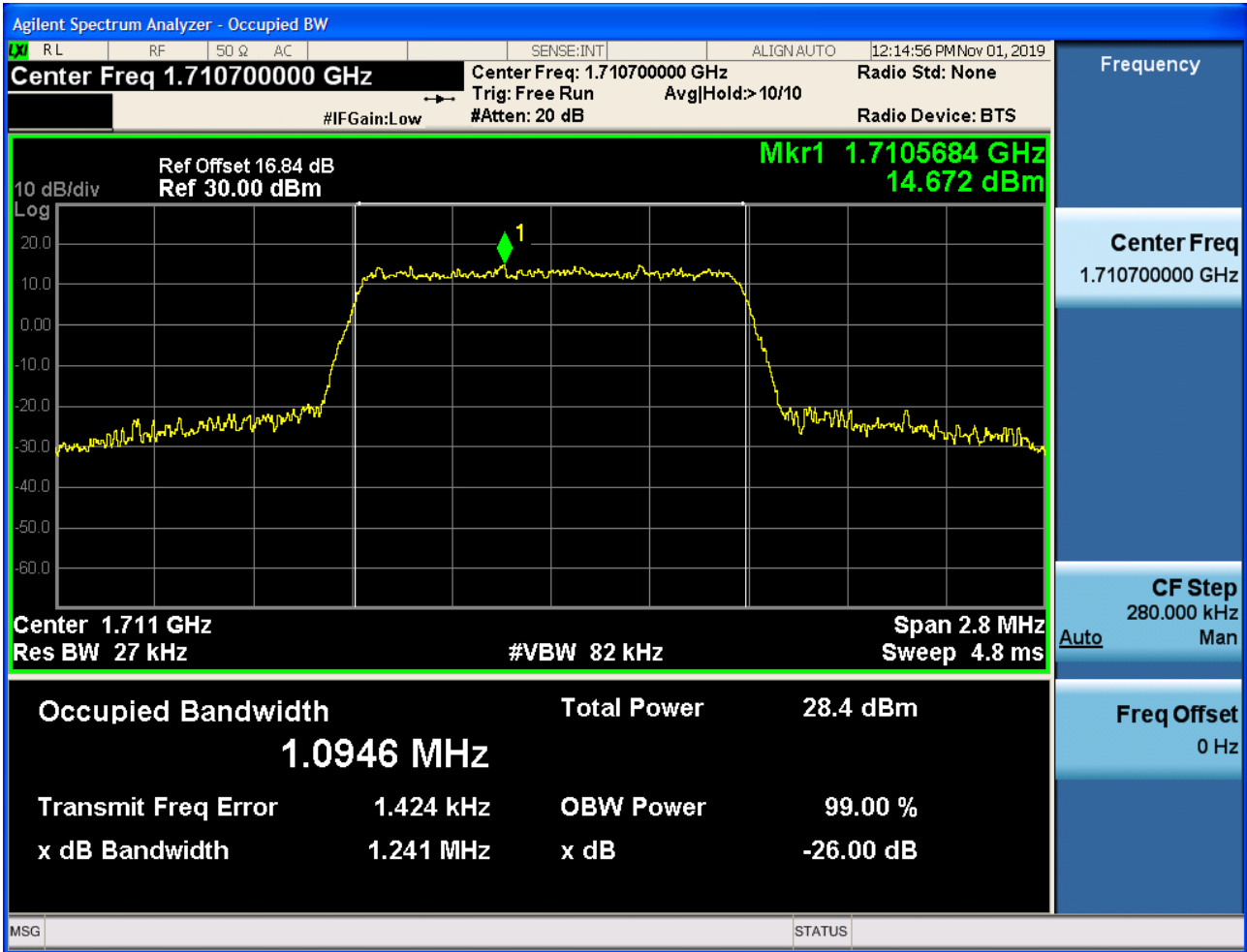


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

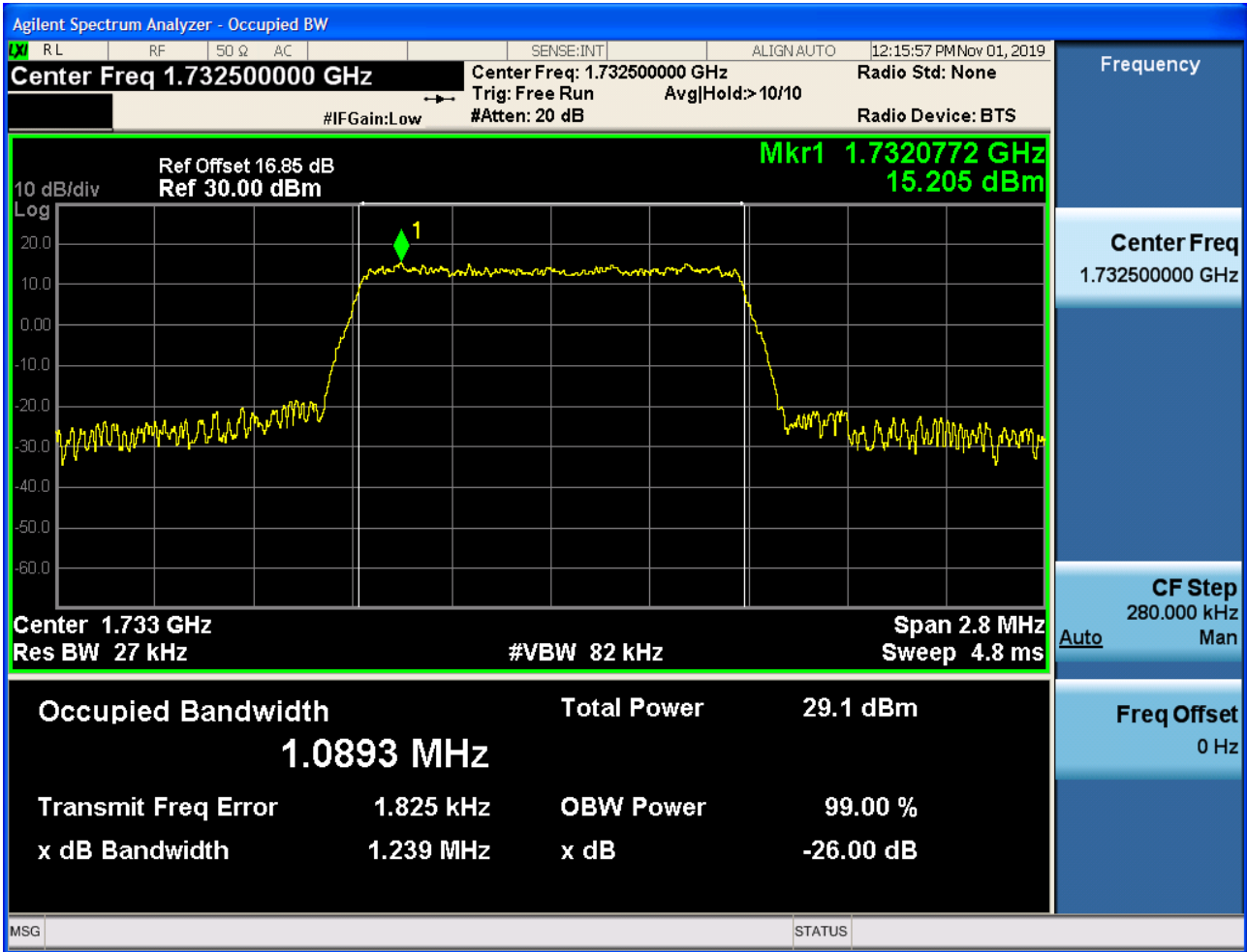
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

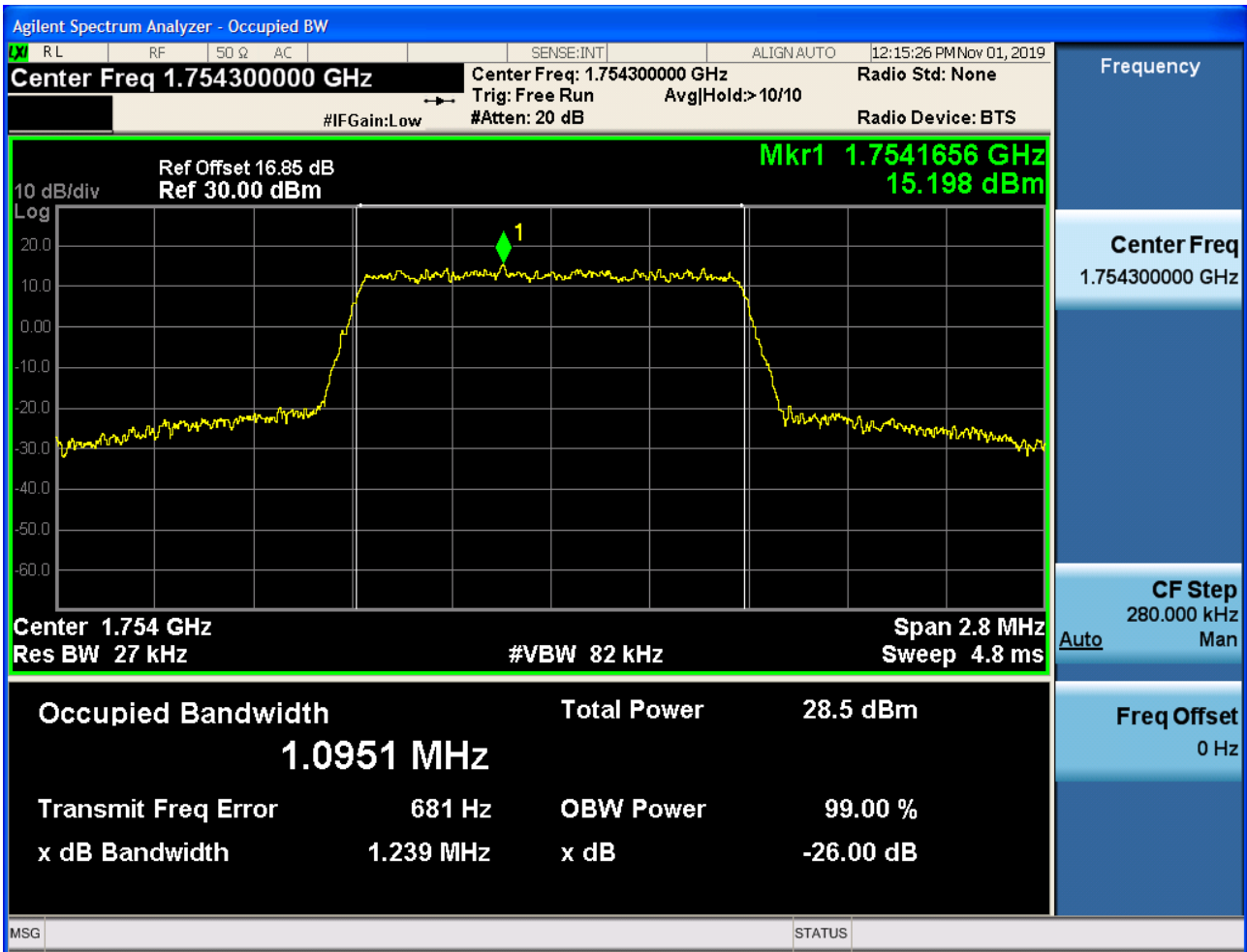
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

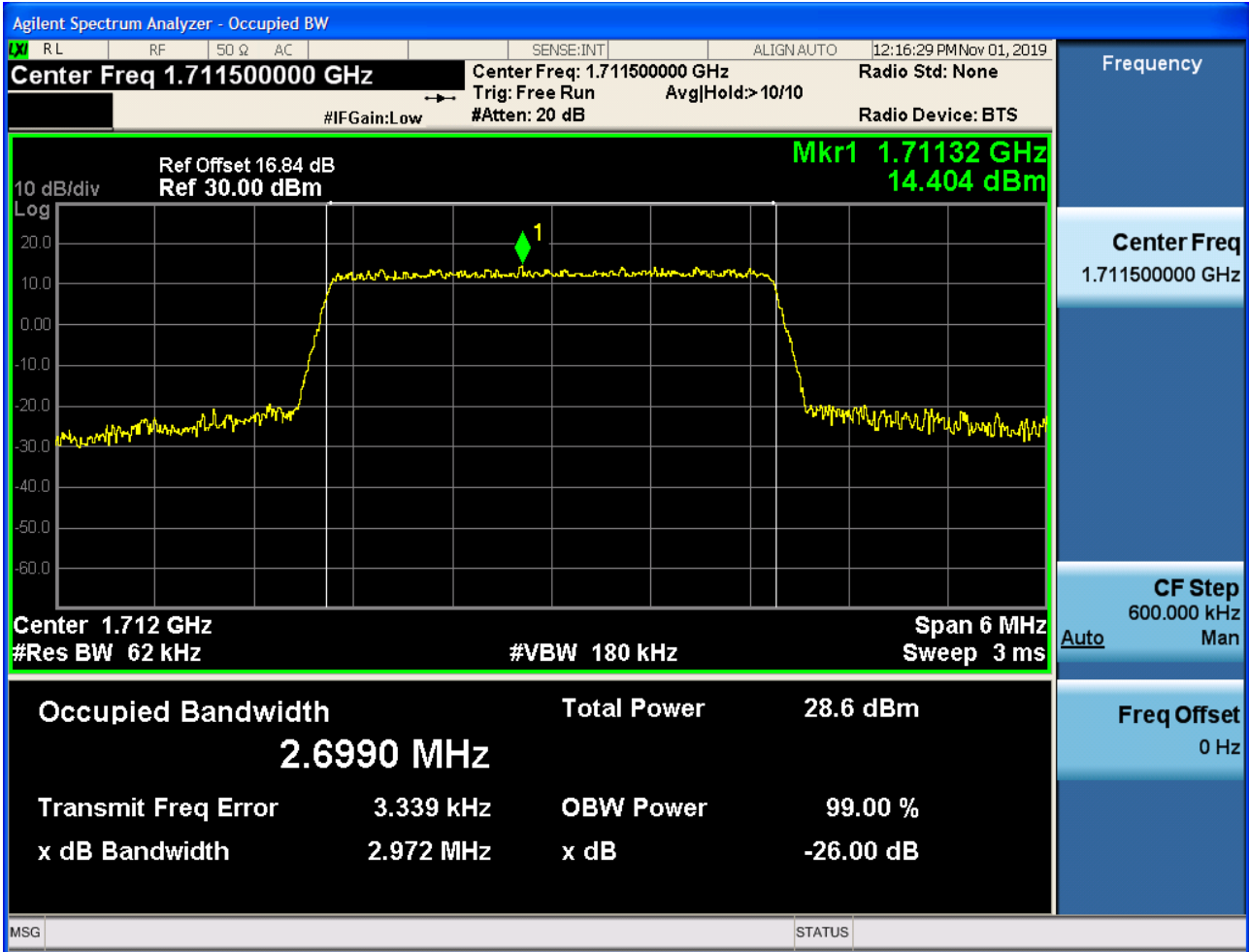
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

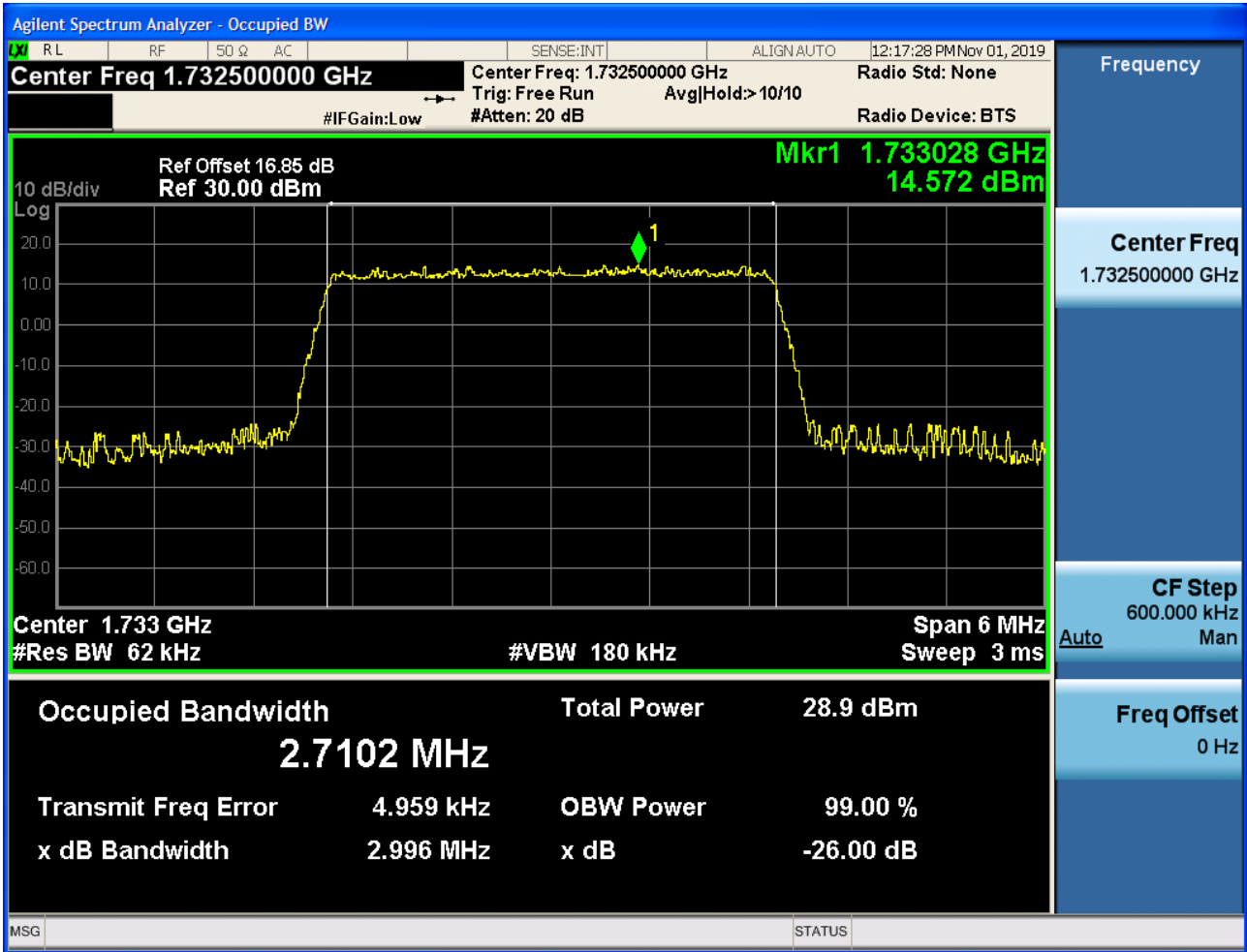
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

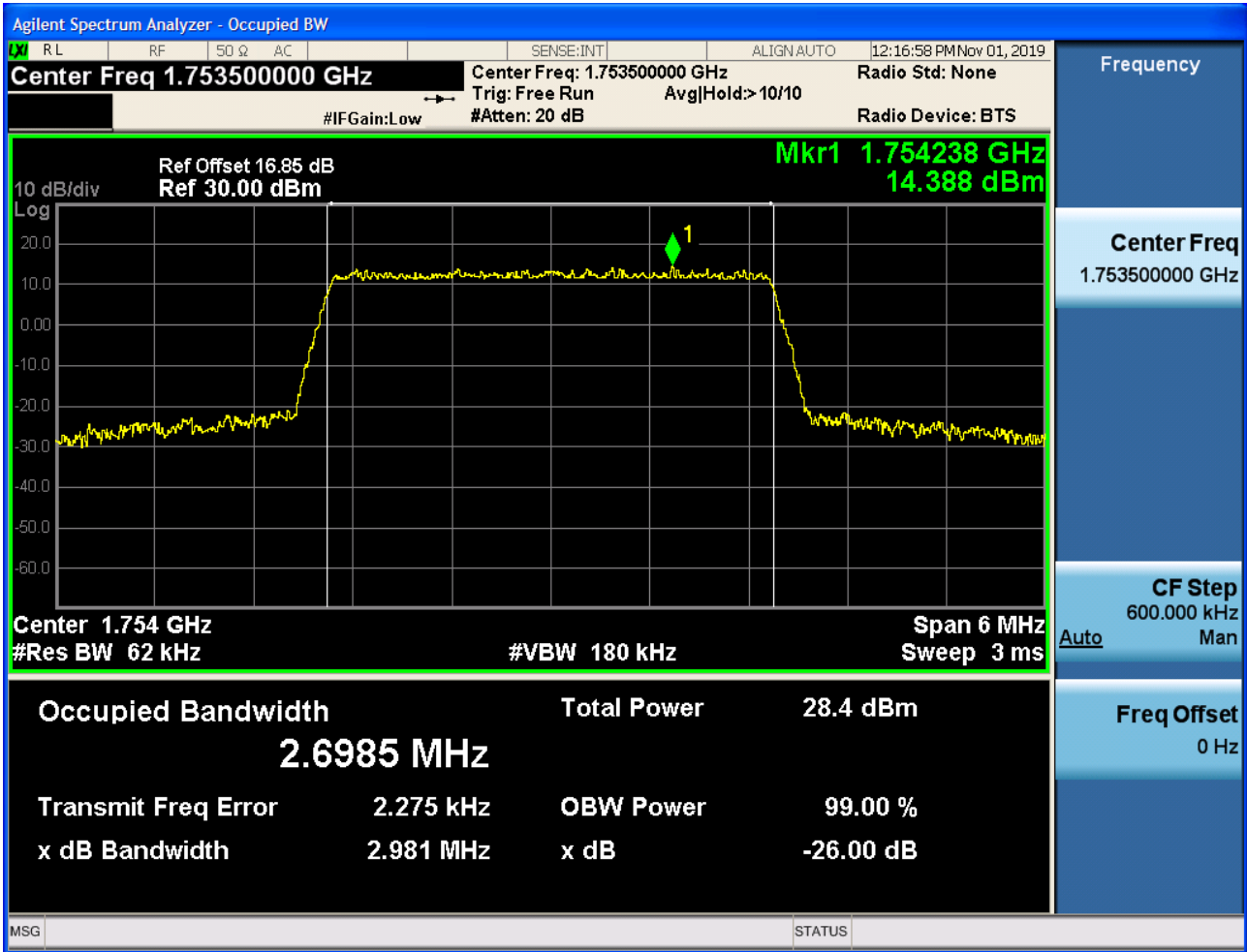
4.1.1.2.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0

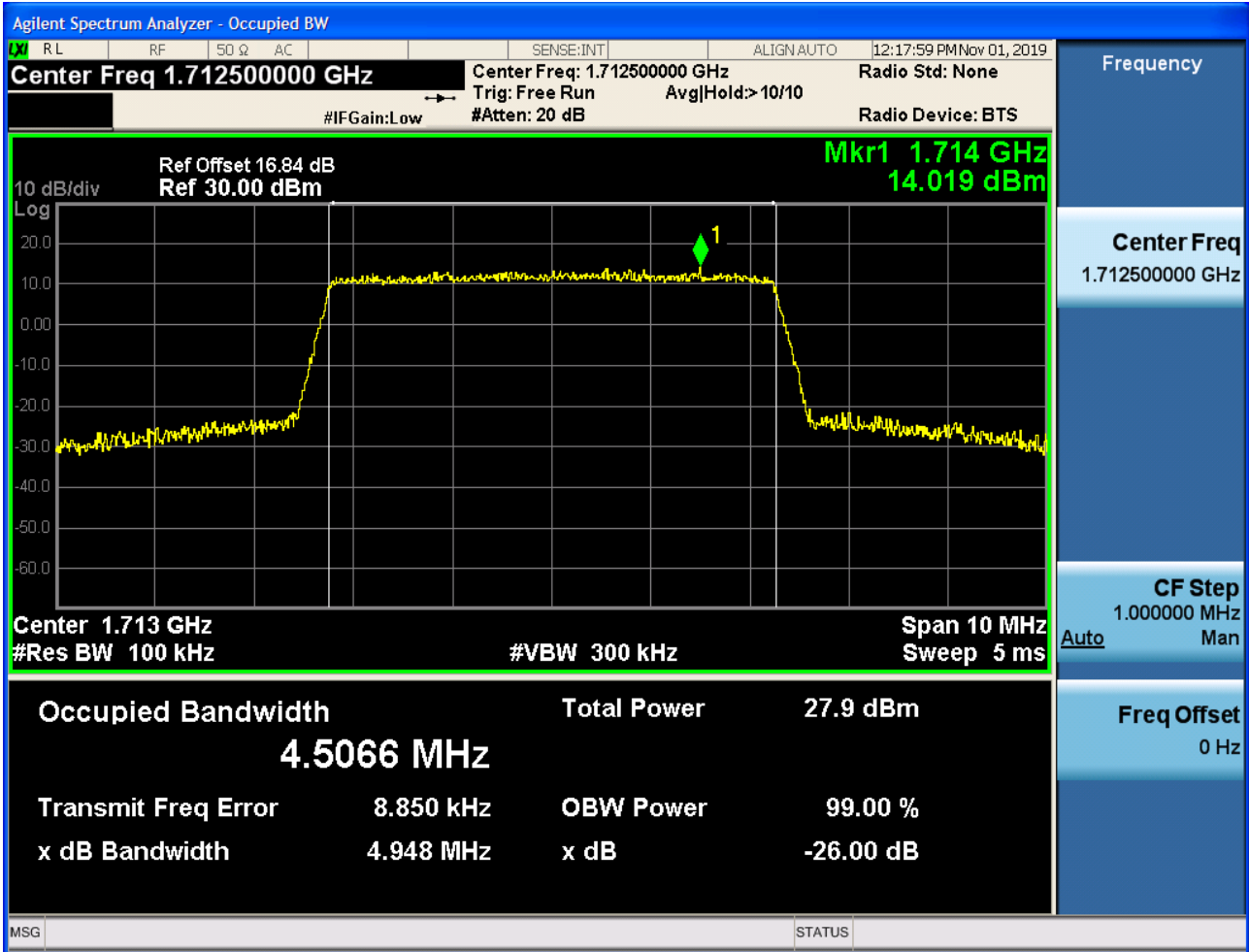




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

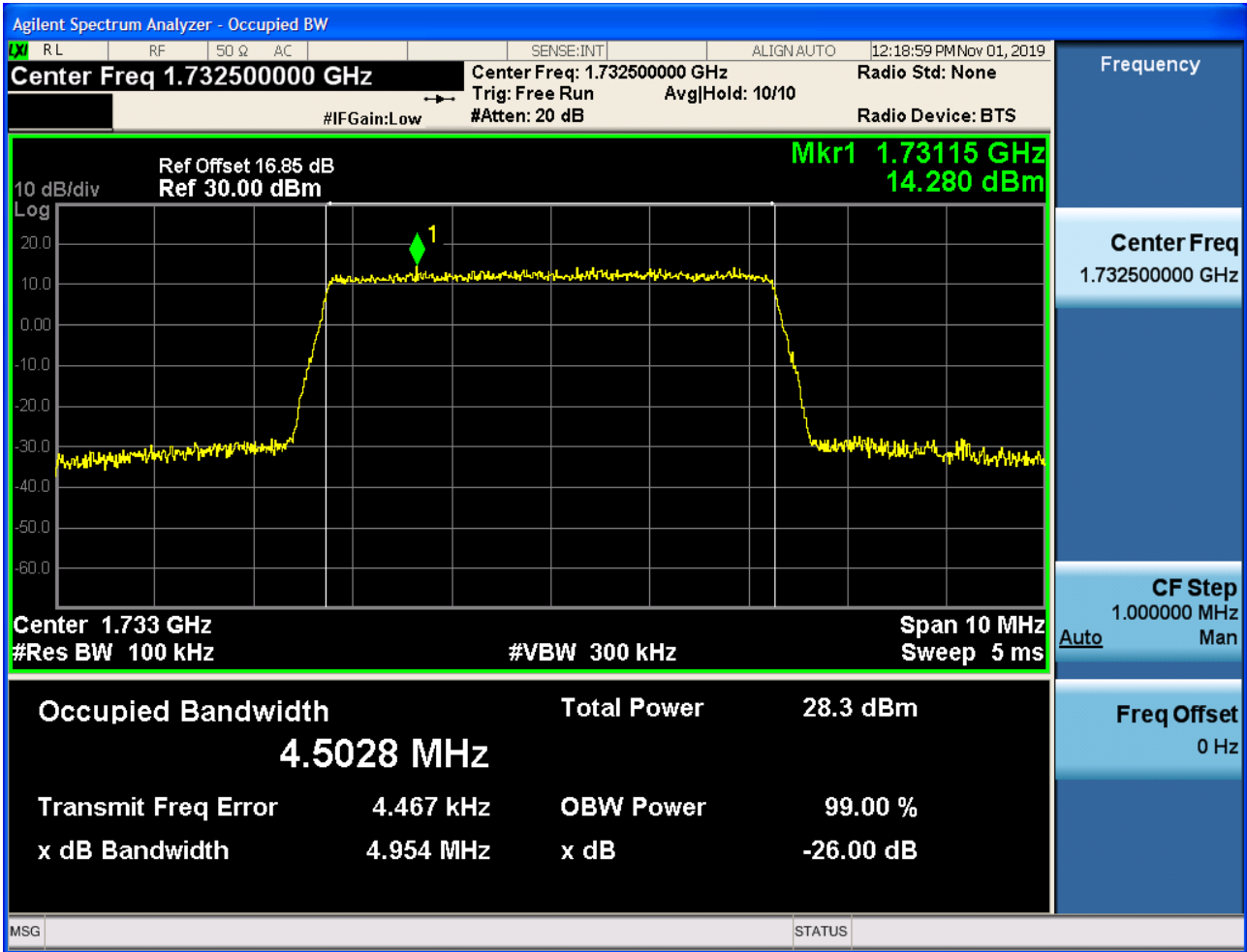
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

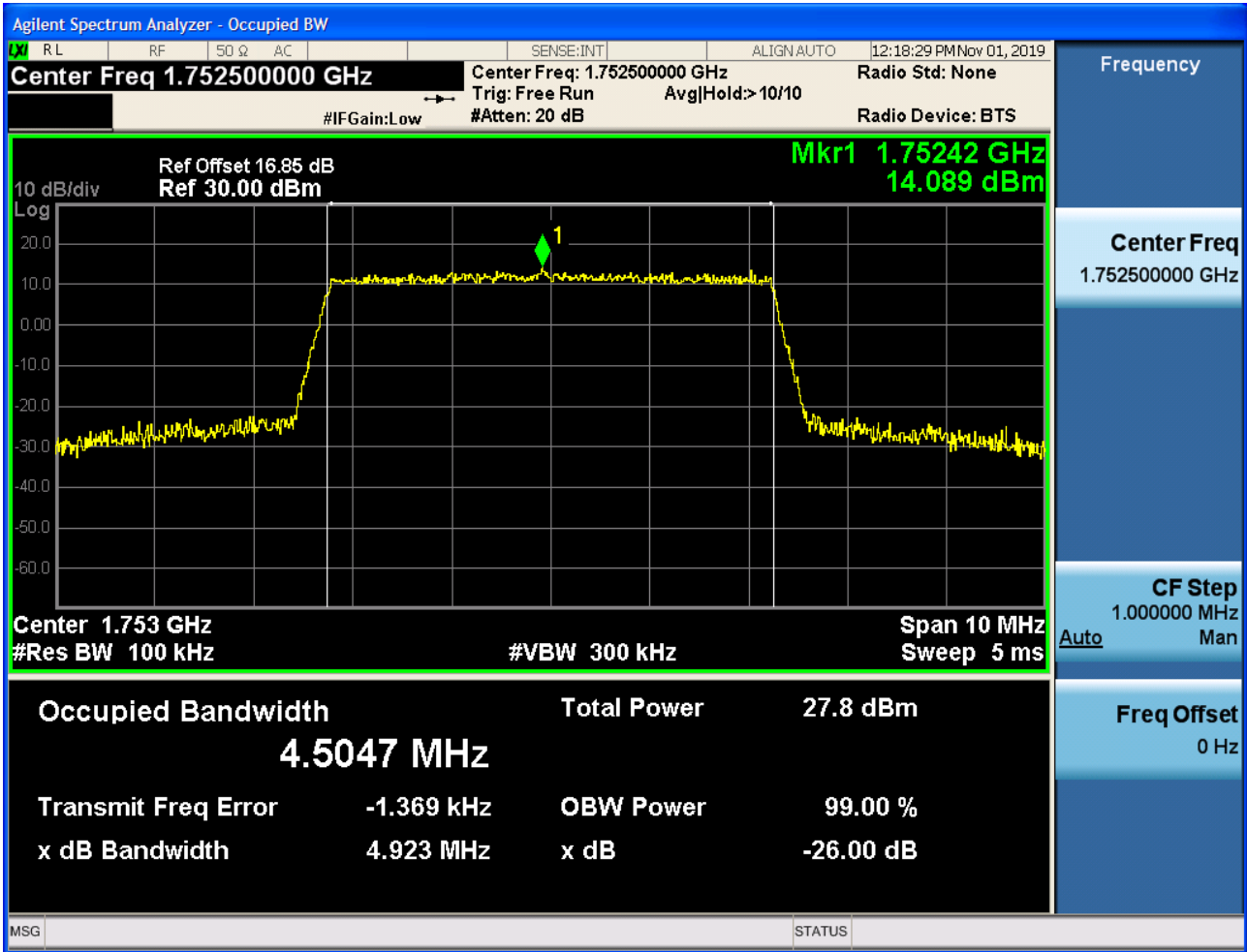
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

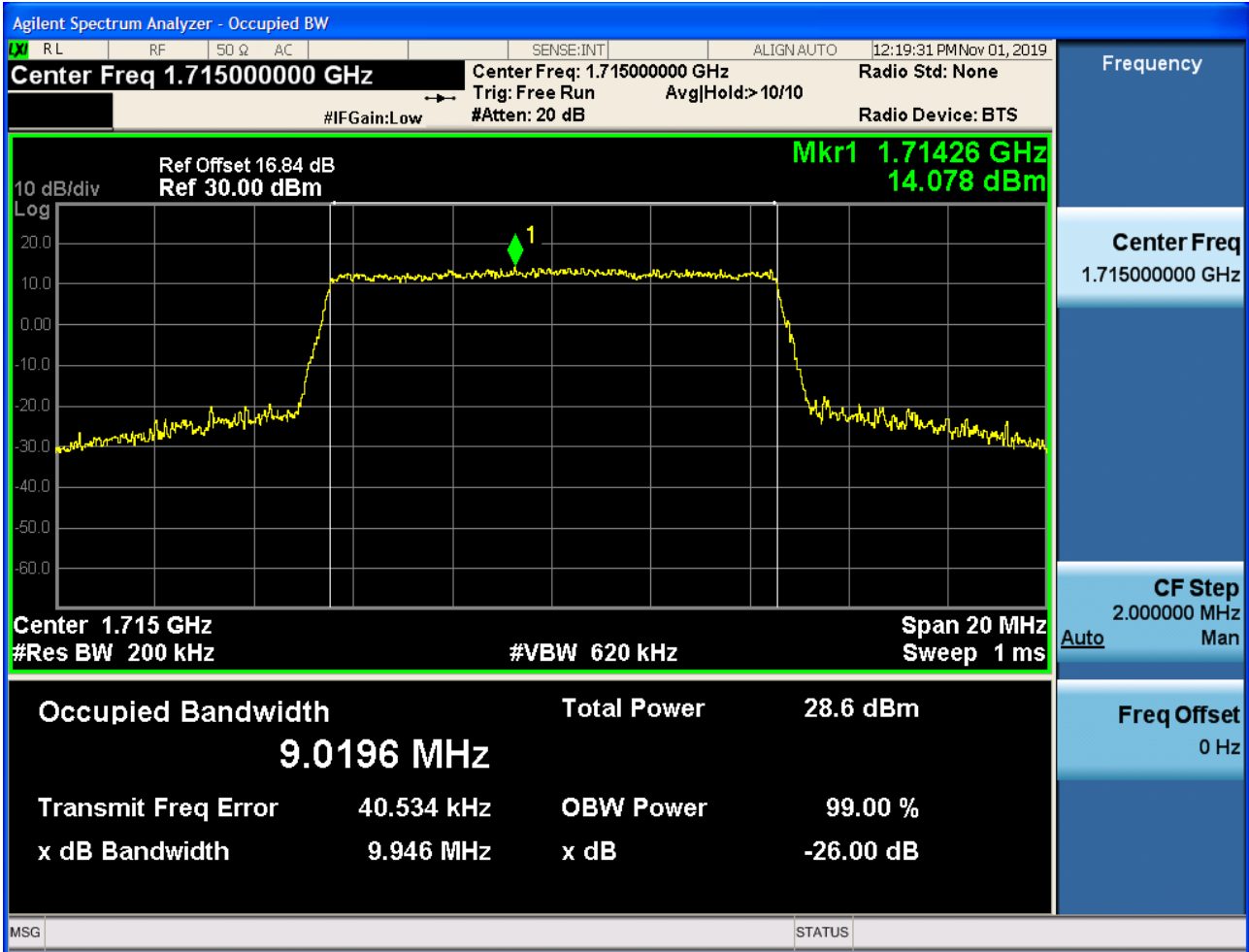




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

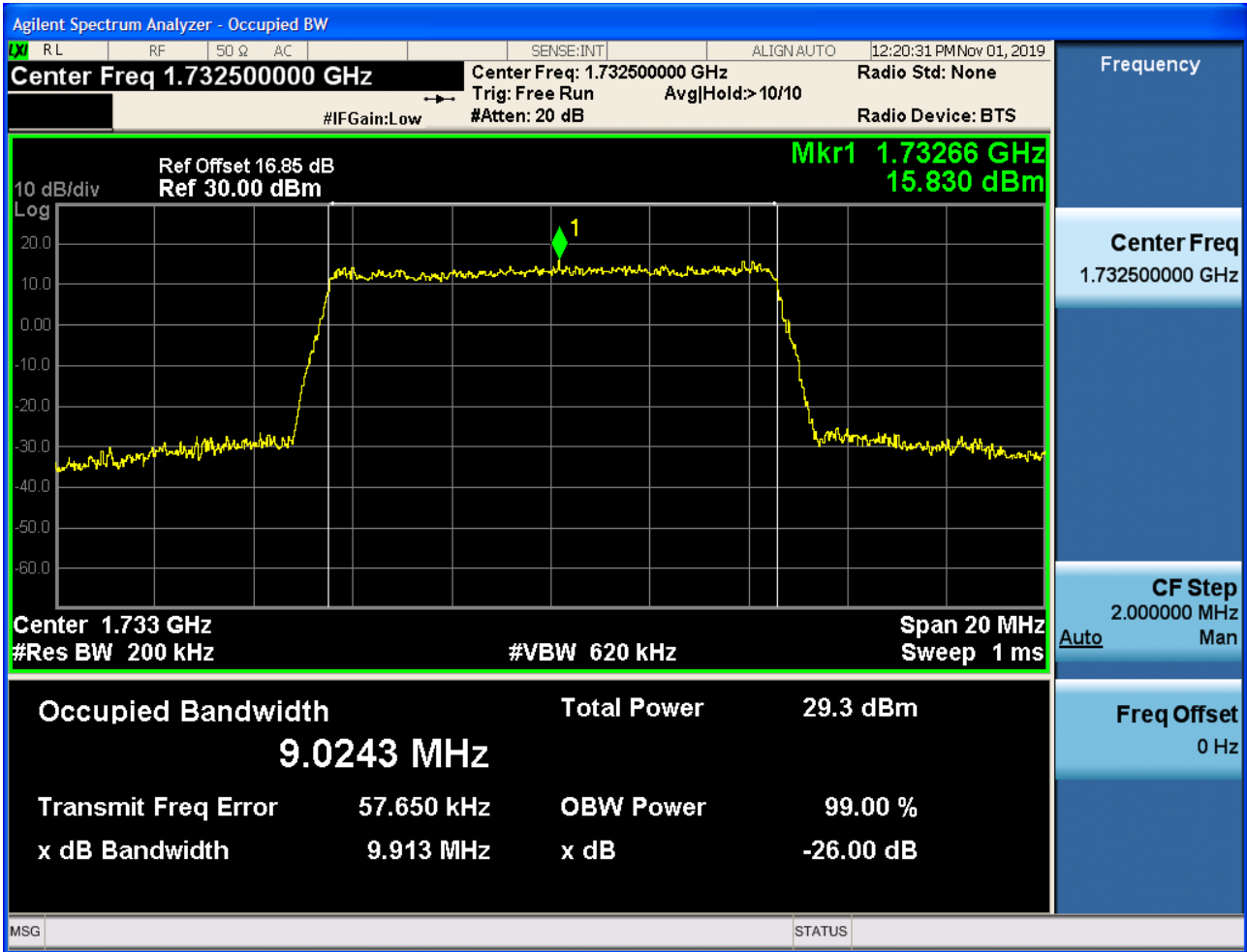
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

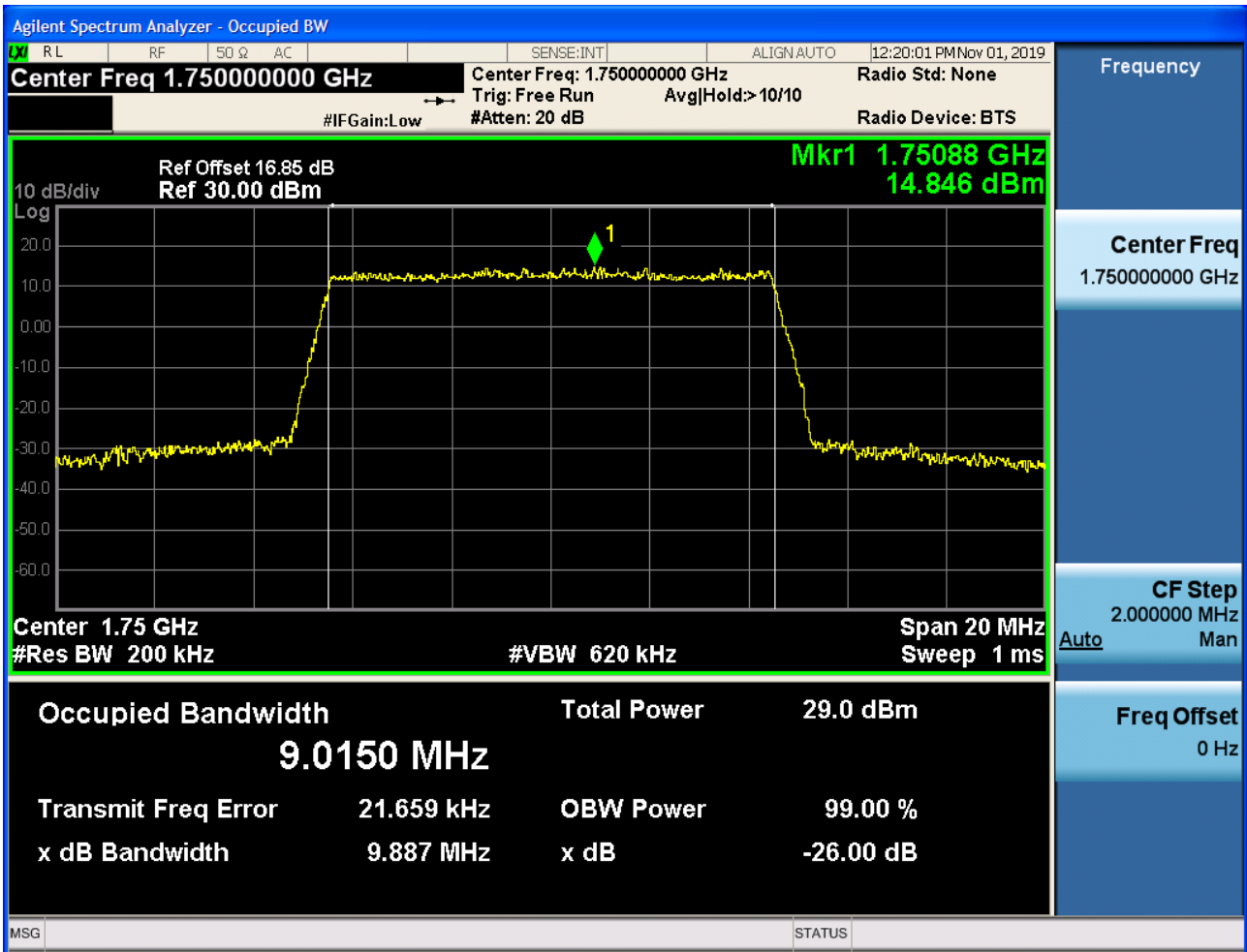
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

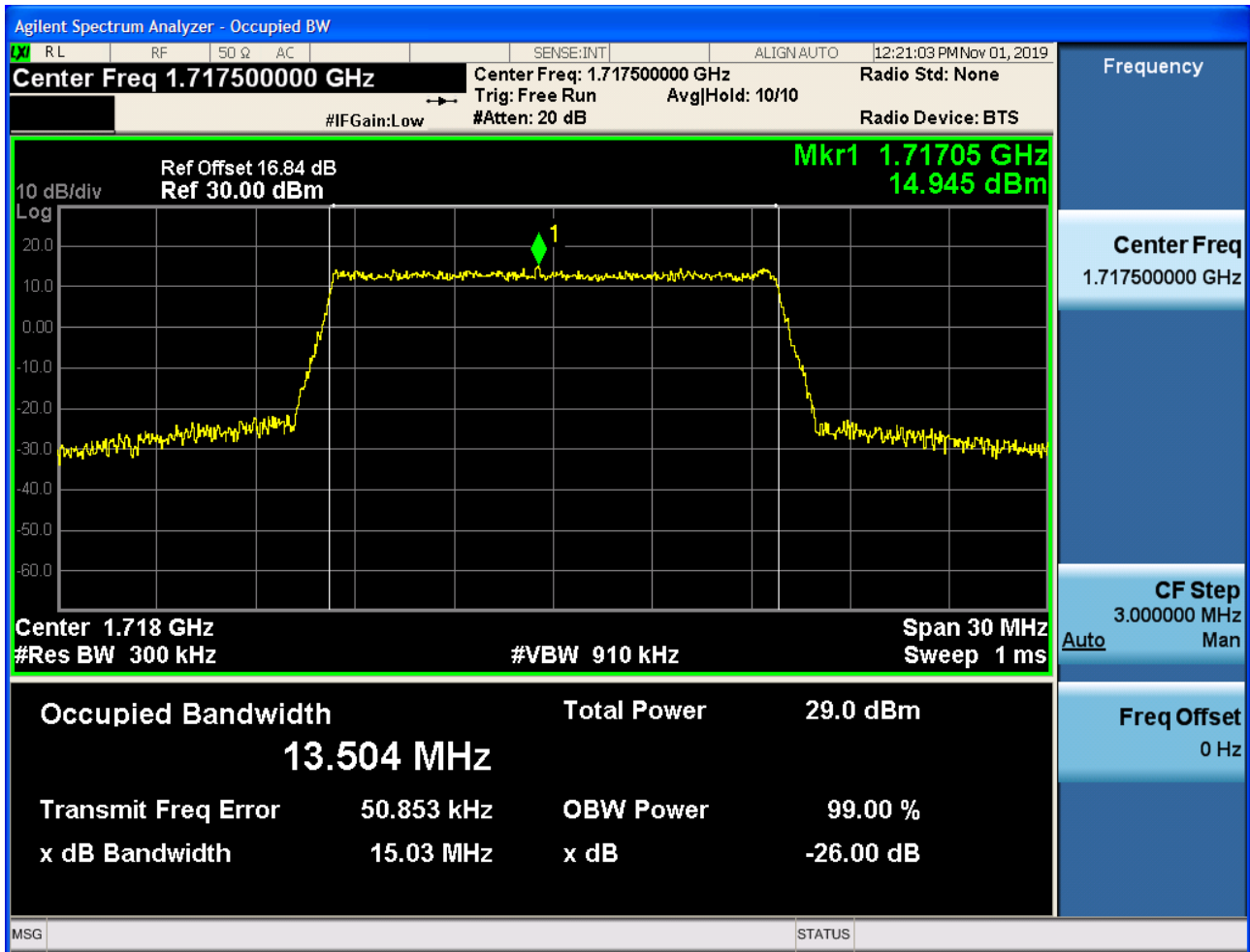
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

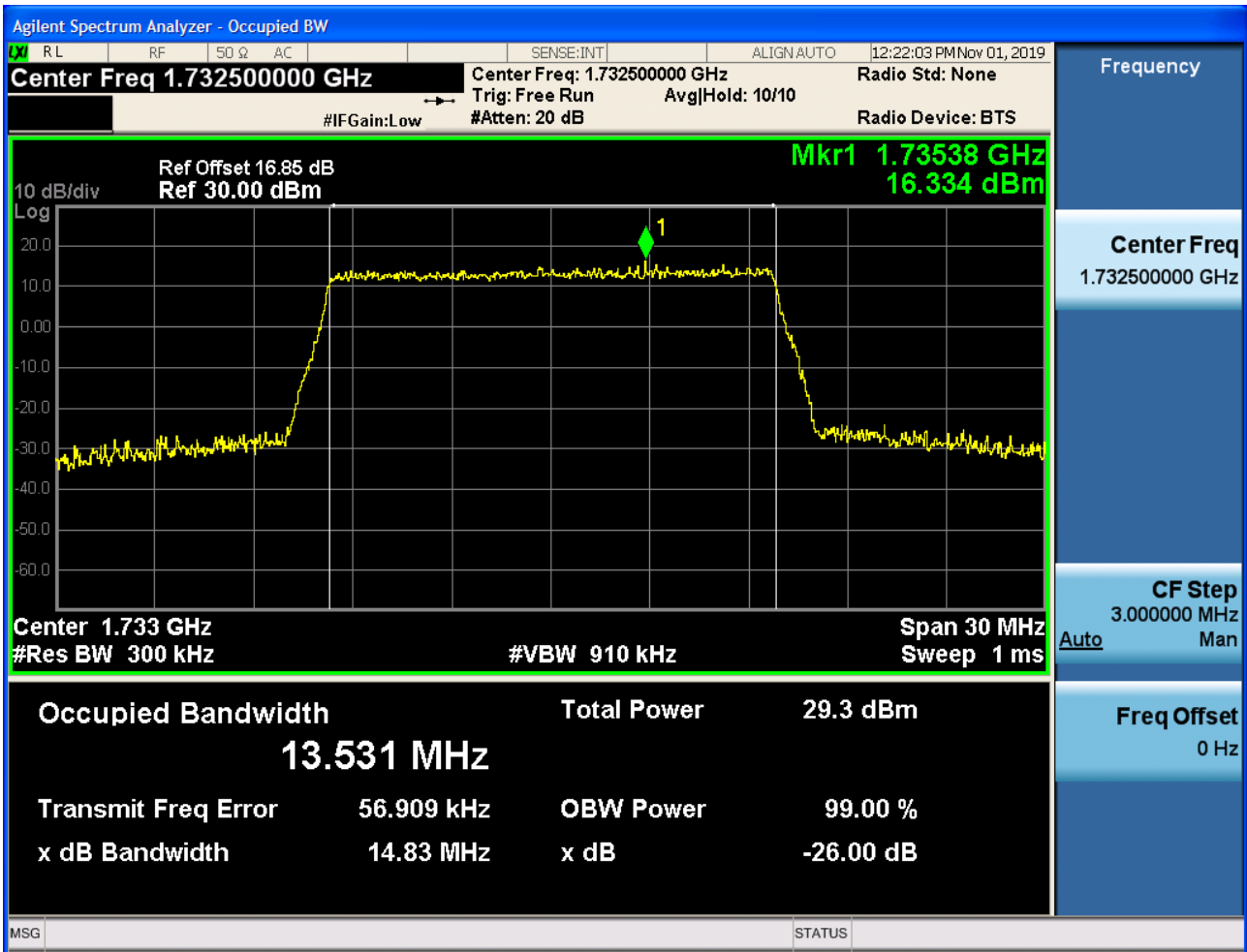
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

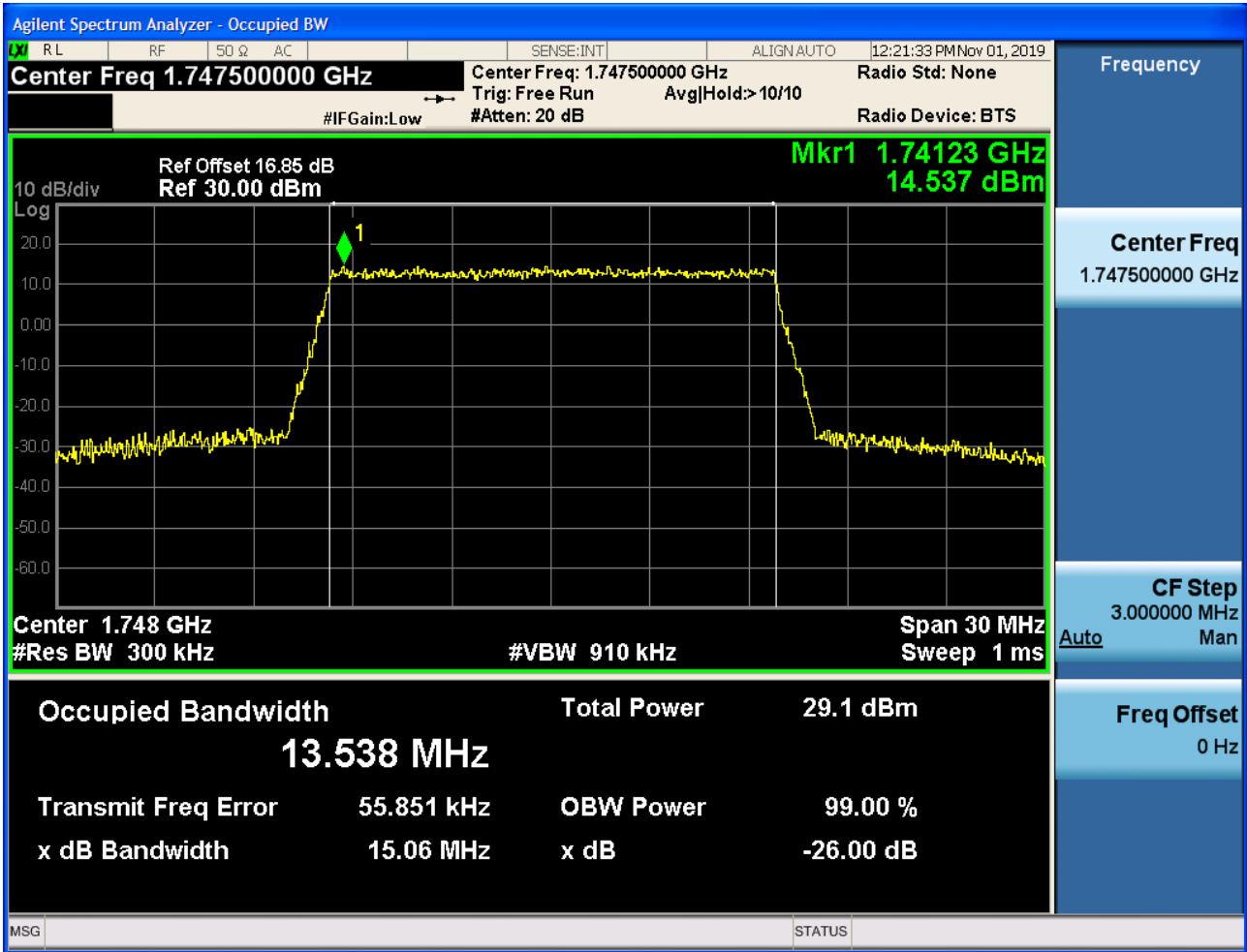
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

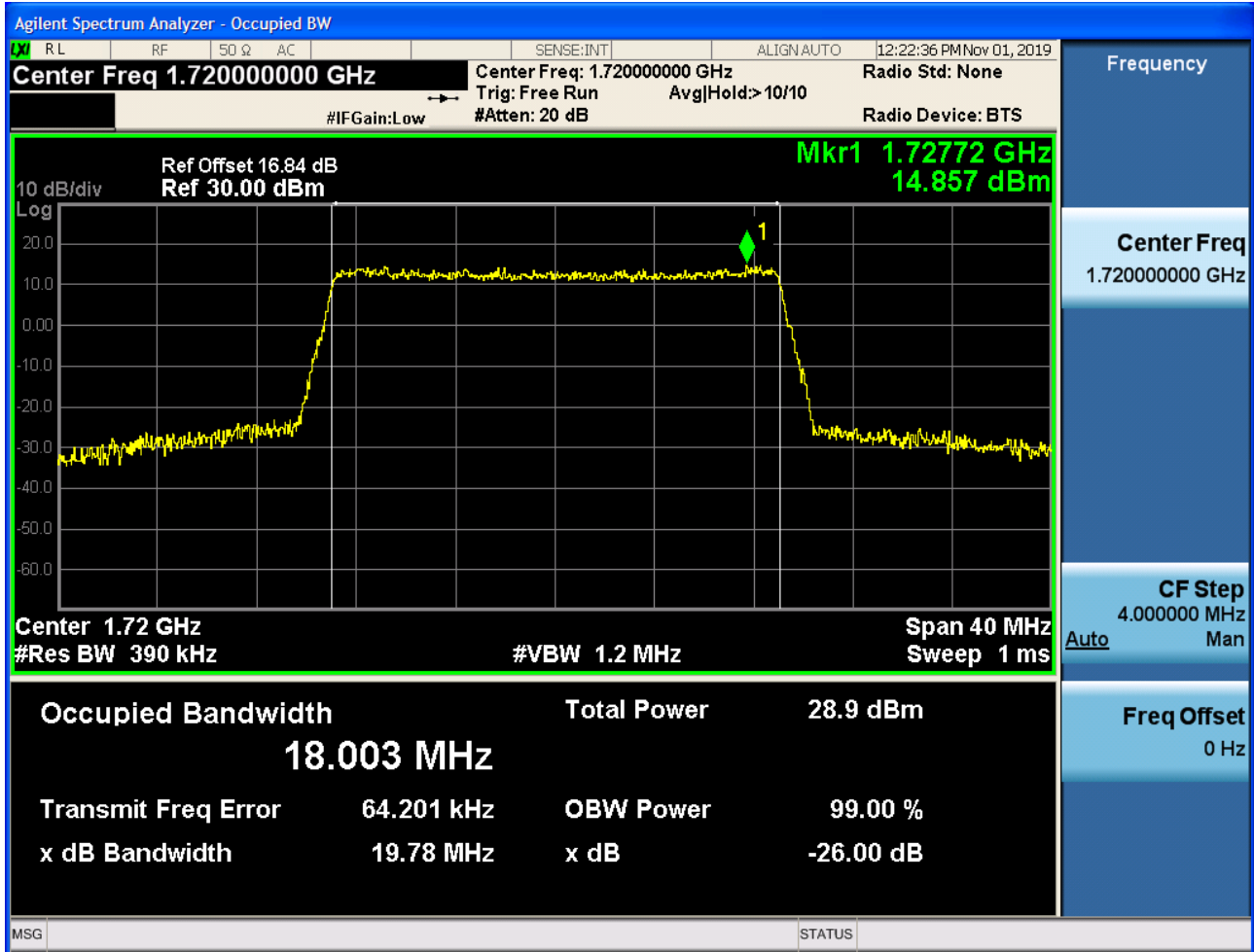
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

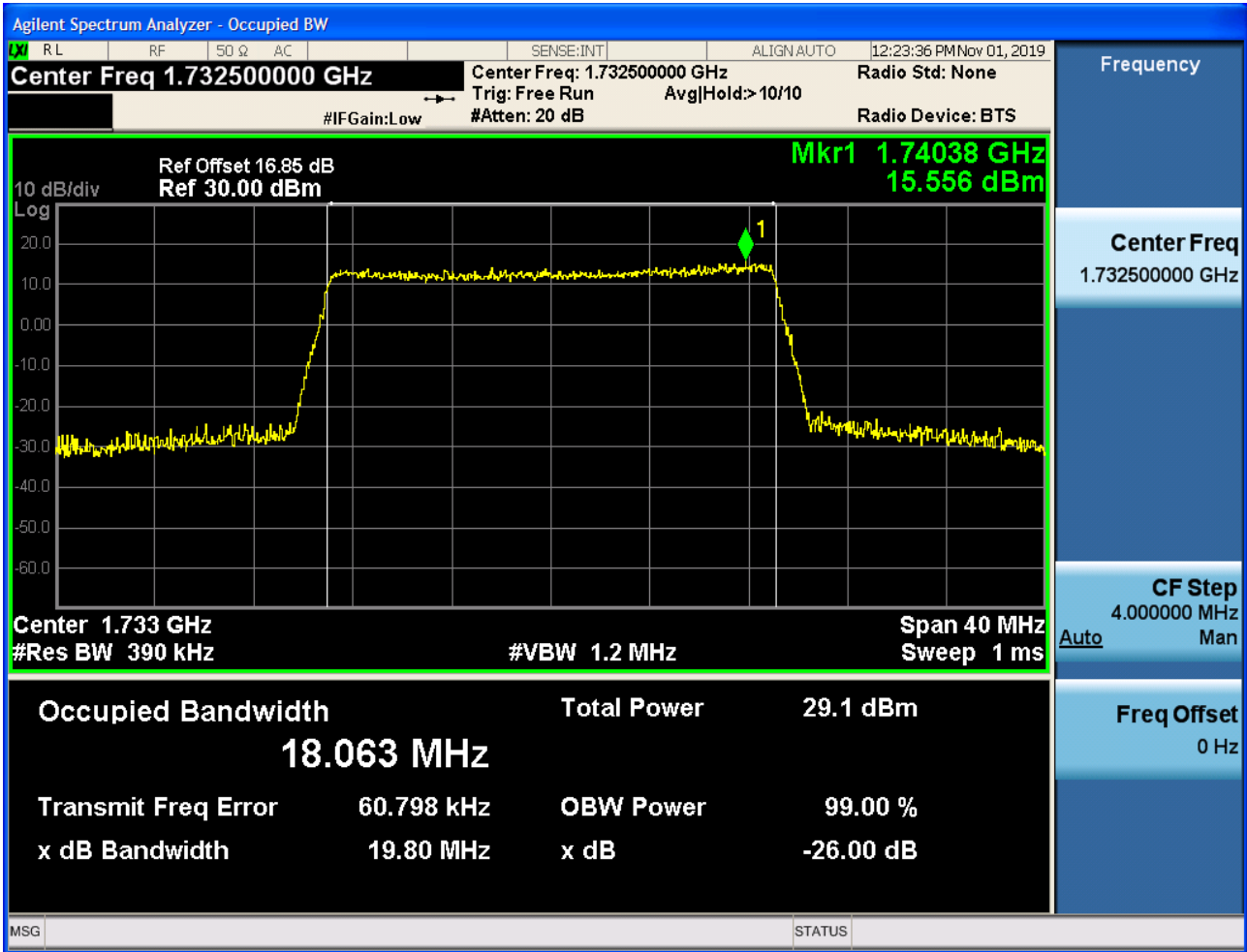
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

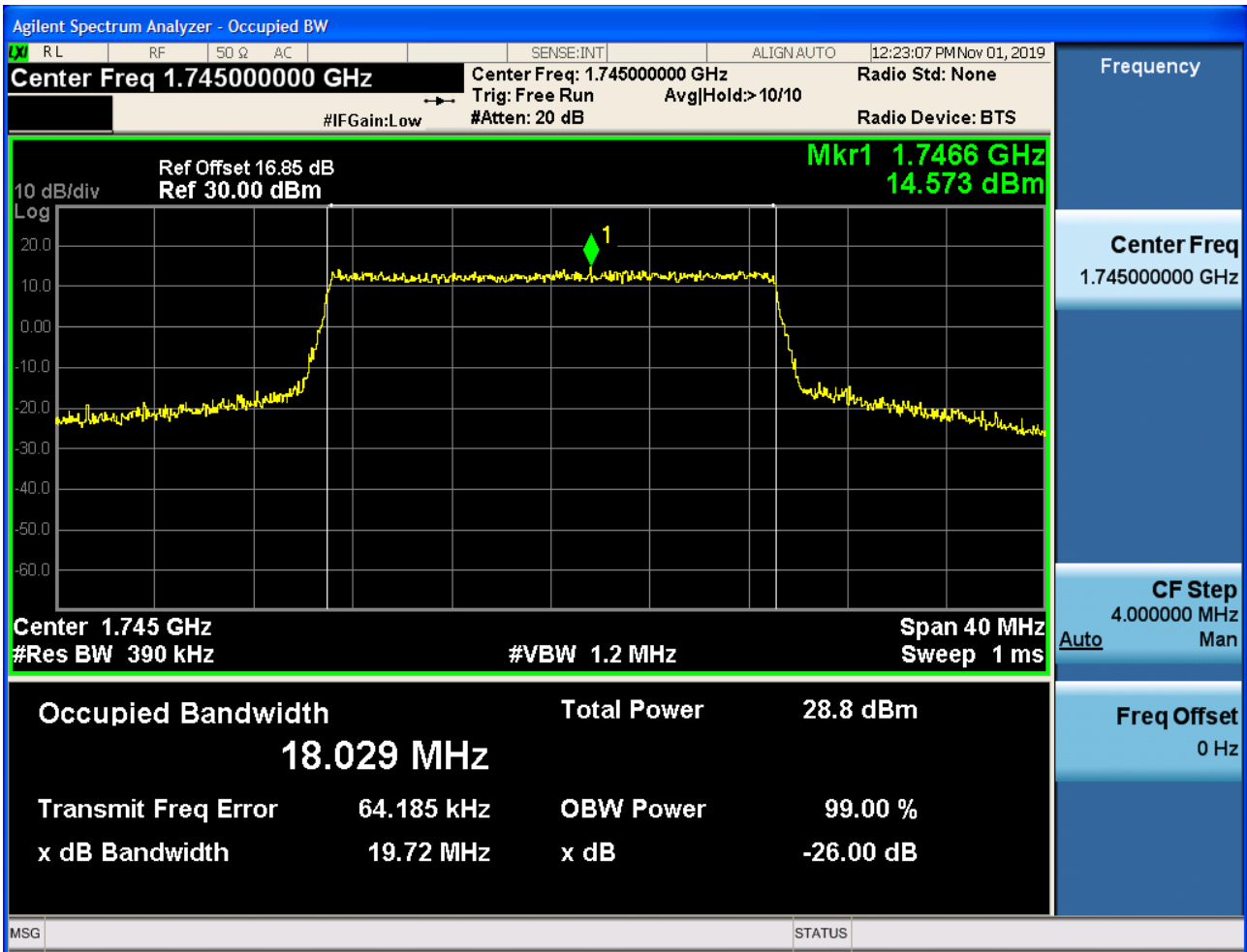
4.1.1.2.6.2.1 Test RB = RB100#0





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

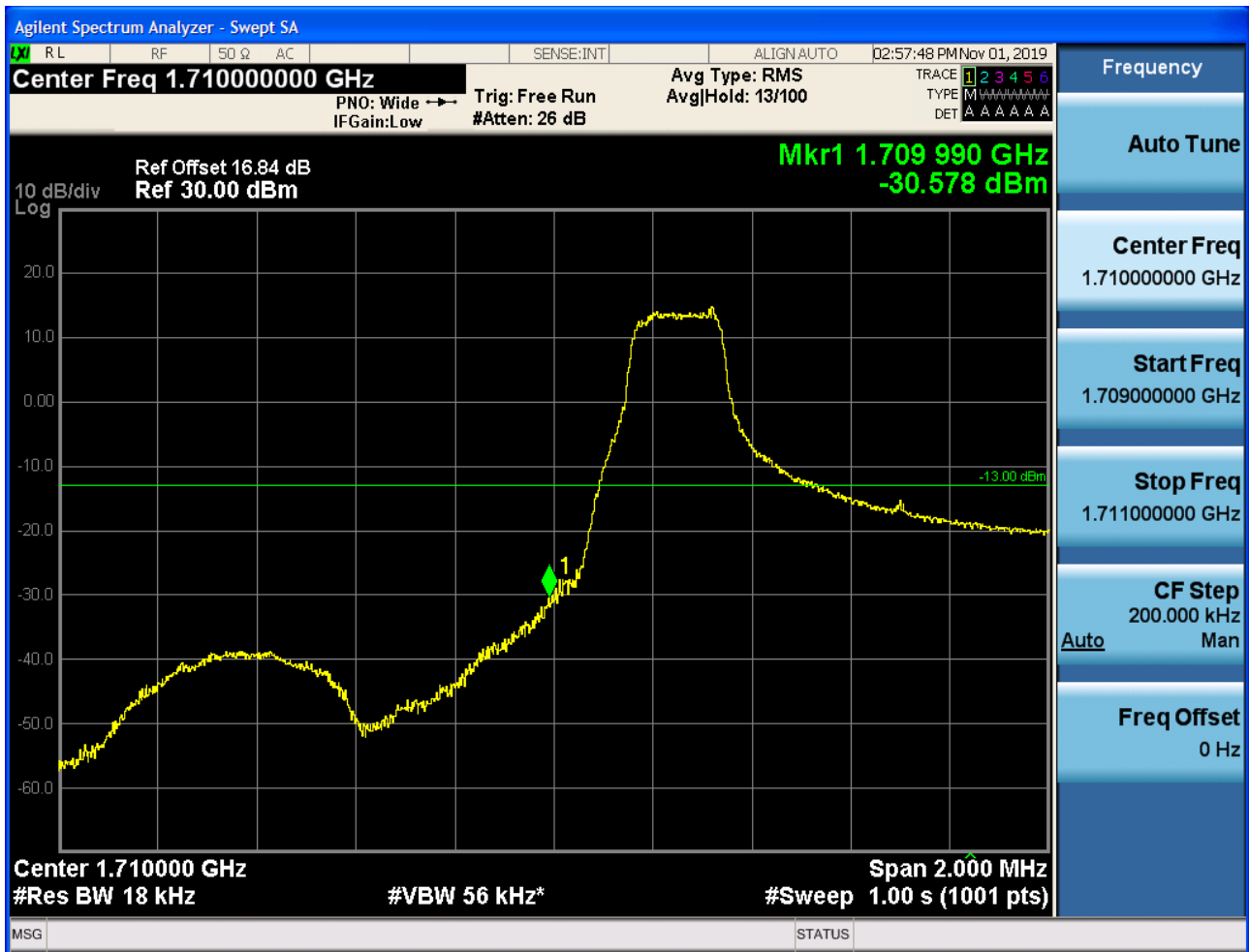
5.1.1 Test Band = Band4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

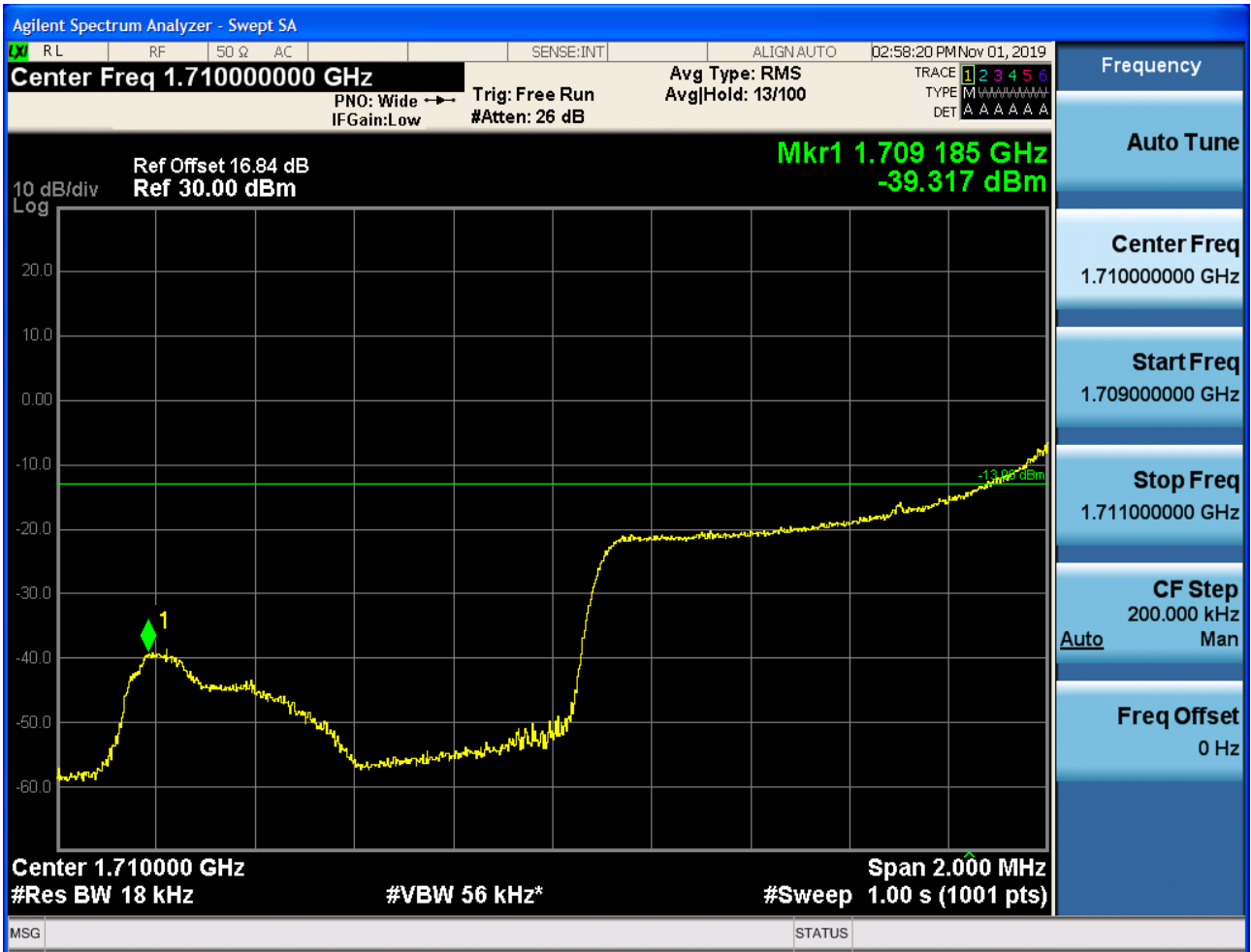
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



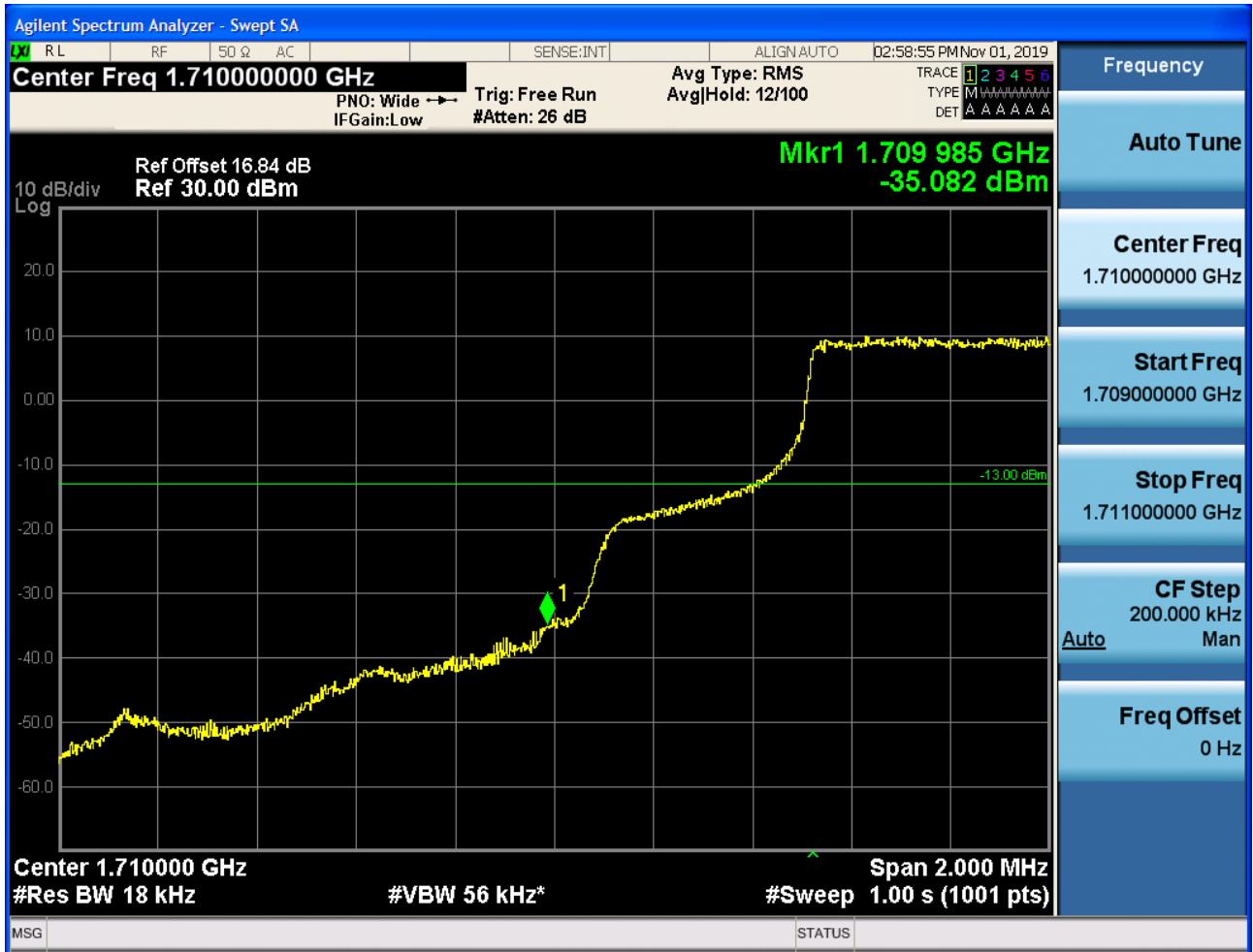


5.1.1.1.1.2 Test RB = RB1#5



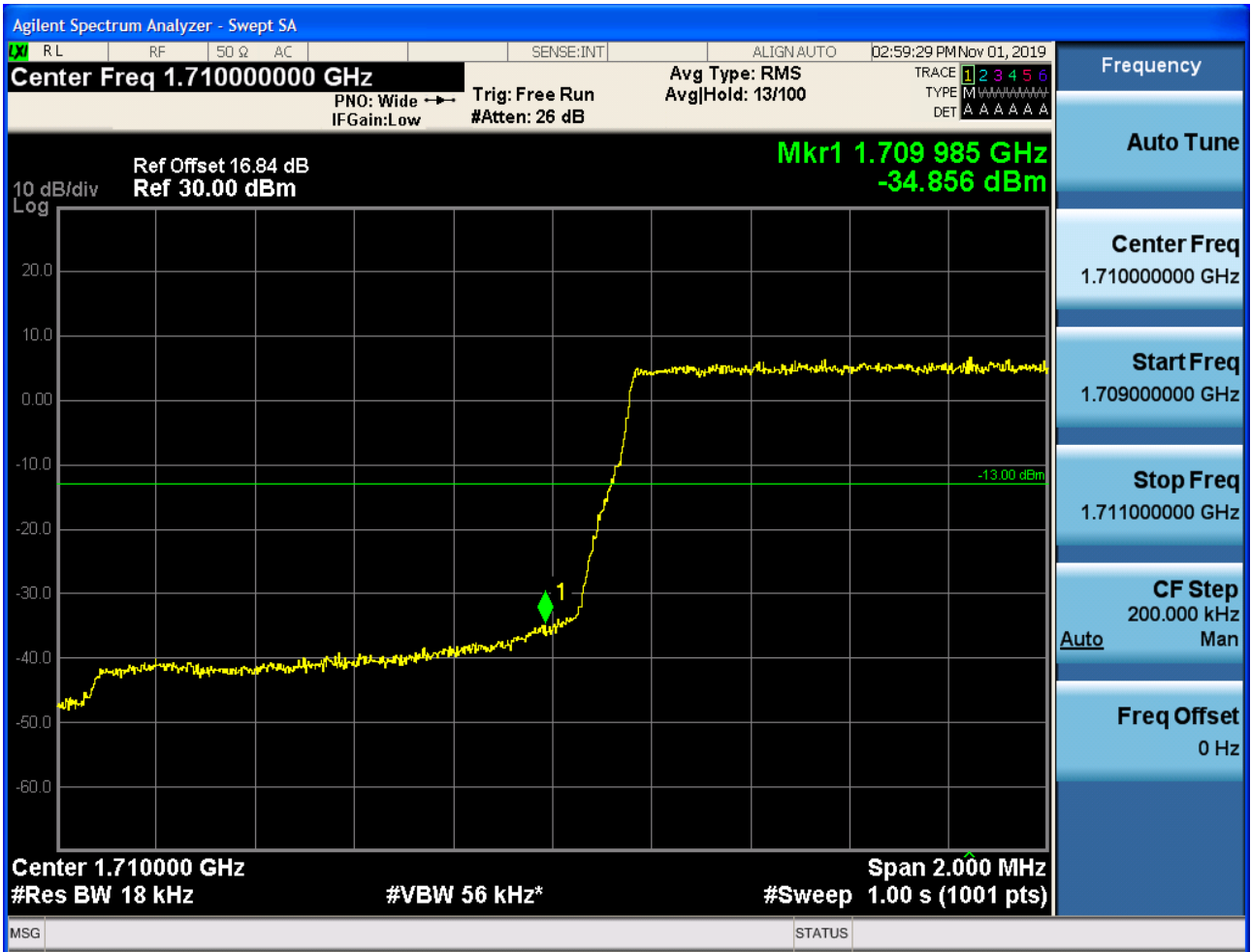


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





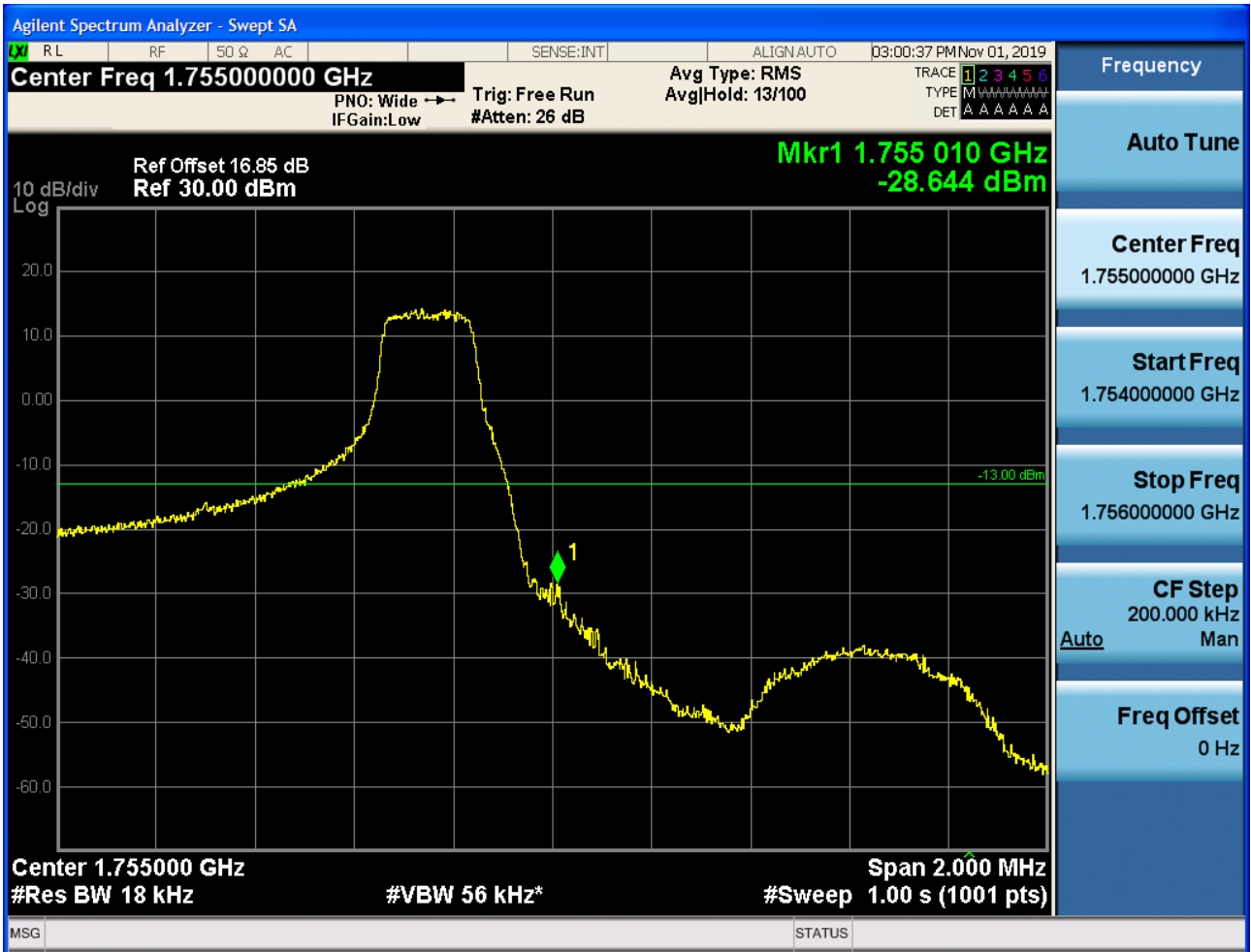
5.1.1.1.2 Test Channel = HCH

5.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5



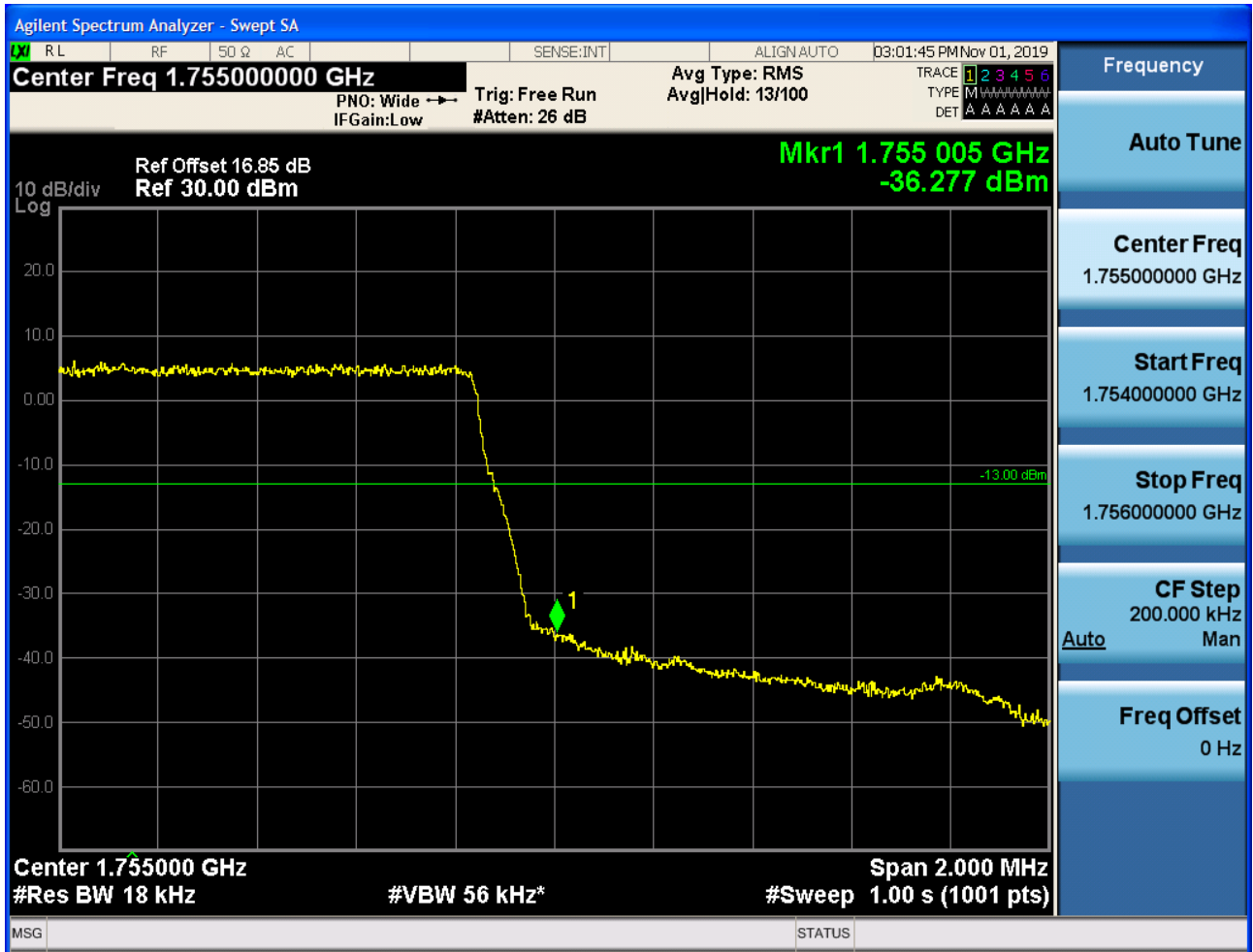


5.1.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

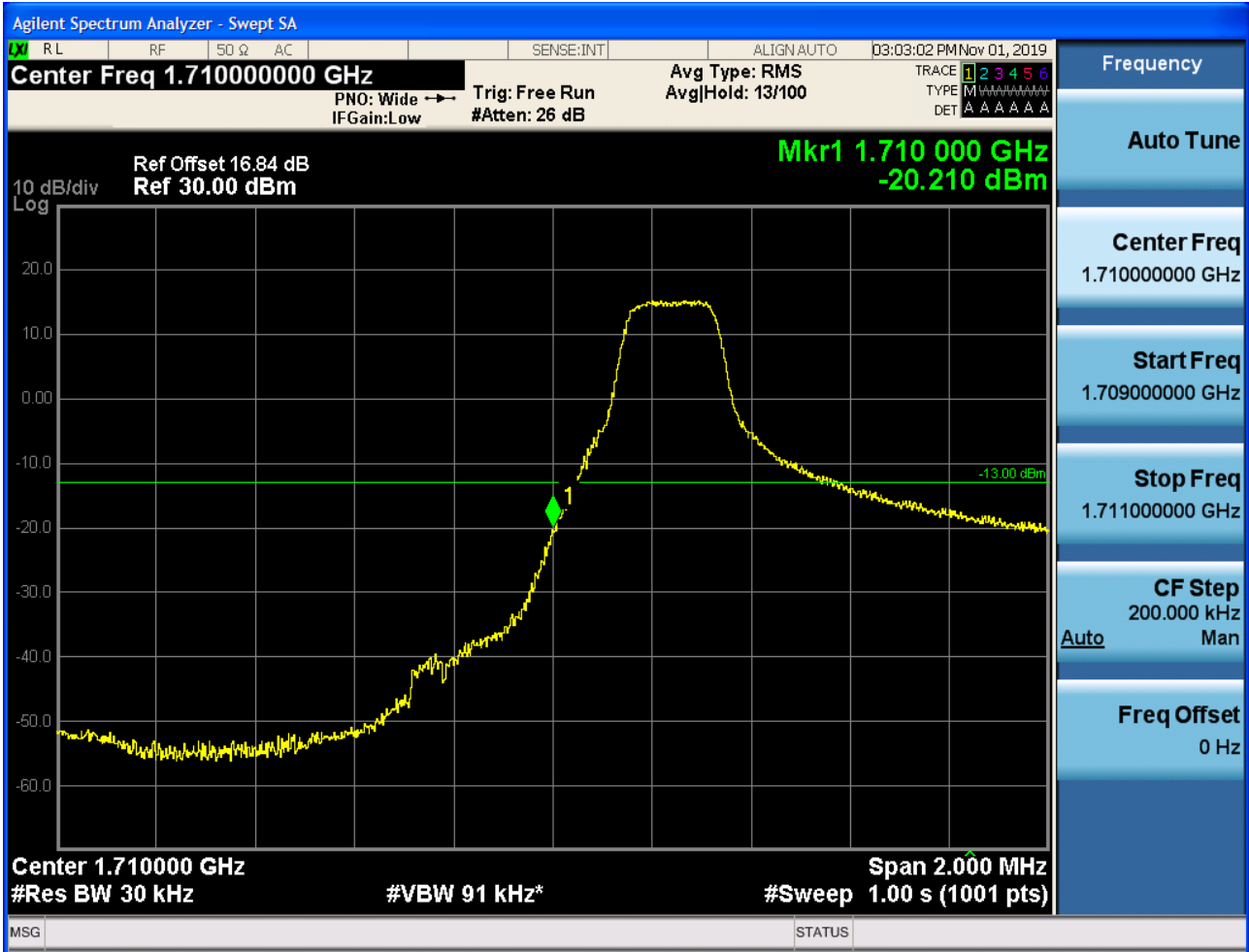




5.1.1.1.2 Test Bandwidth = 3

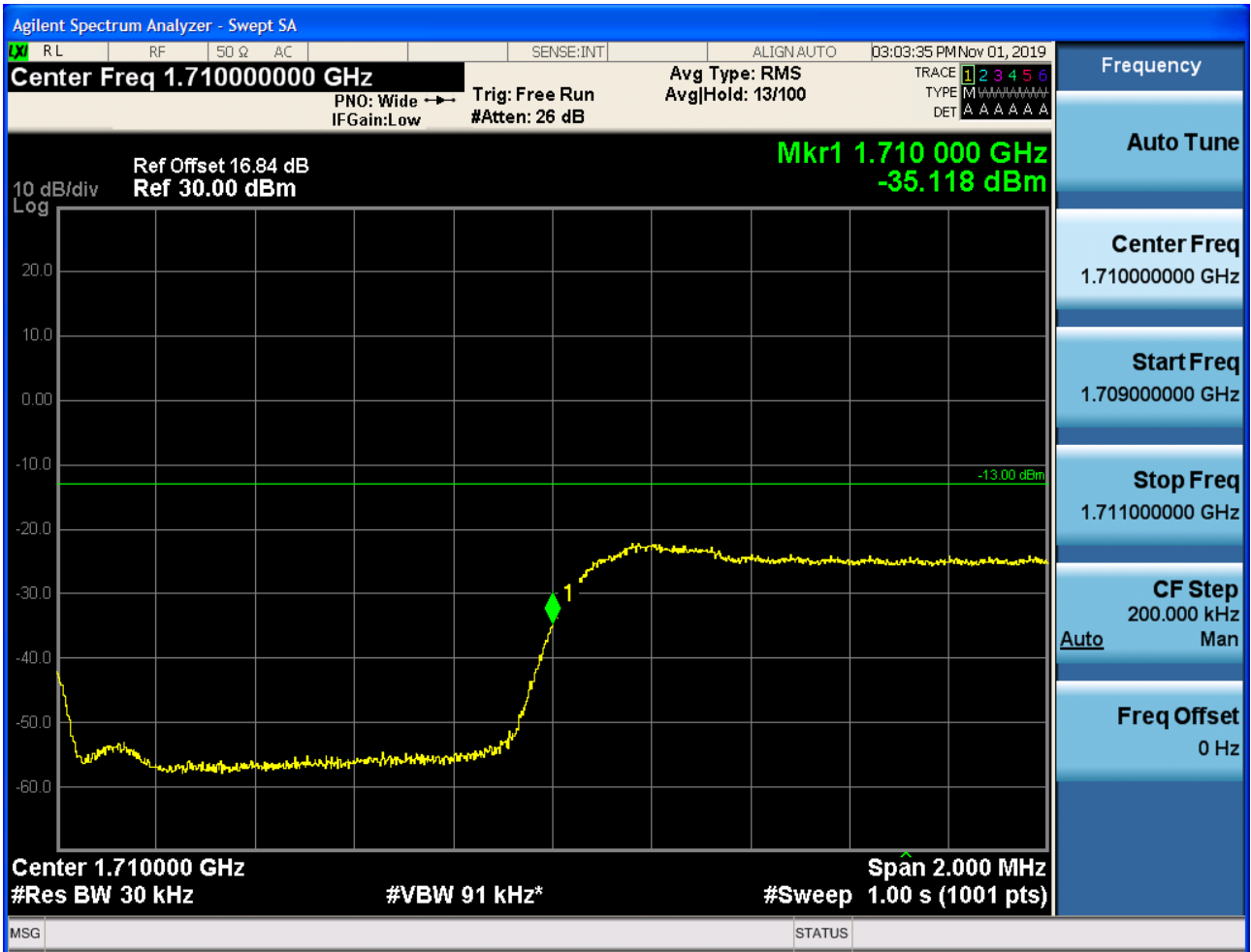
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



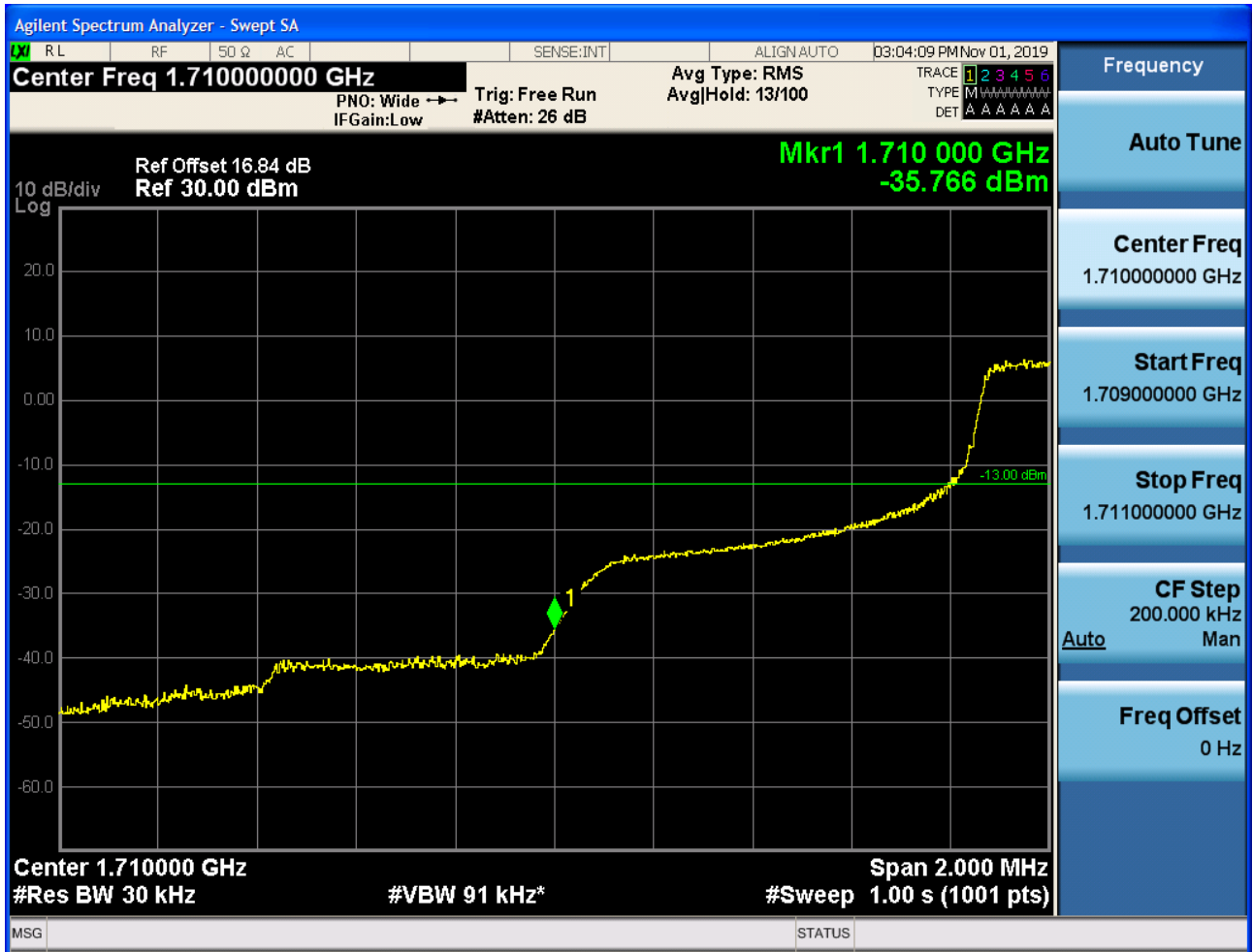


5.1.1.1.2.1.2 Test RB = RB1#14



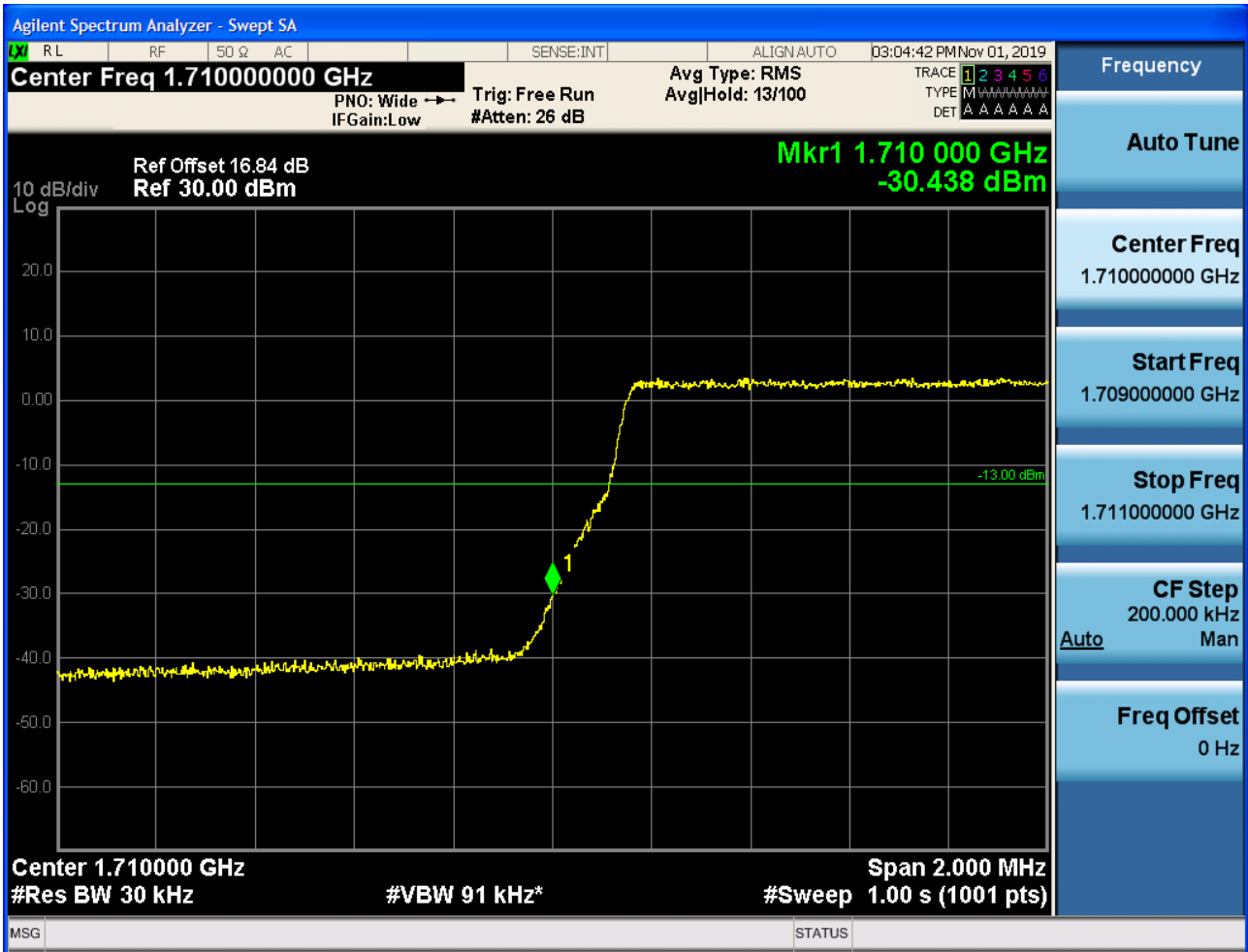


5.1.1.1.2.1.3 Test RB = RB8#4





5.1.1.1.2.1.4 Test RB = RB15#0





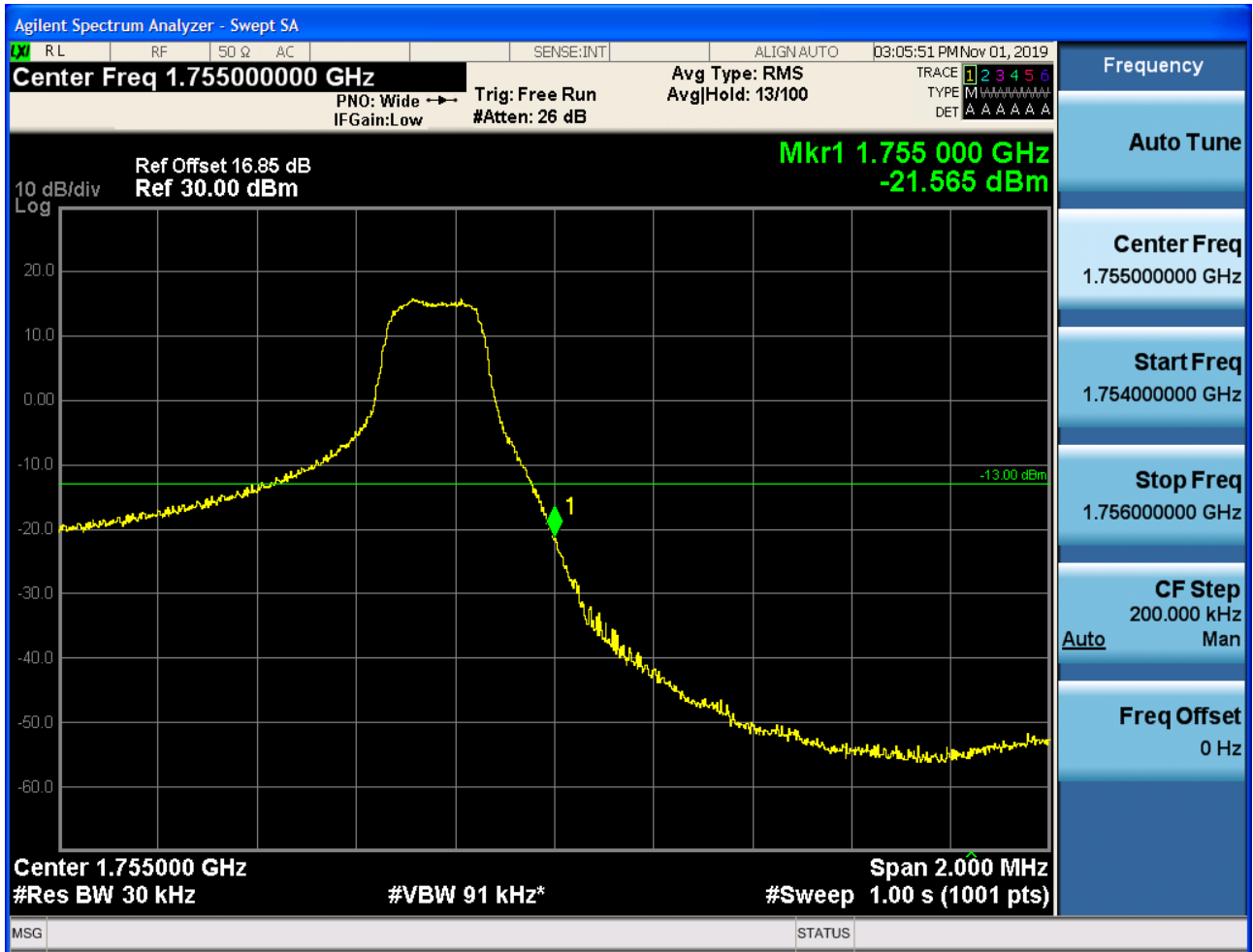
5.1.1.1.2.2 Test Channel = HCH

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

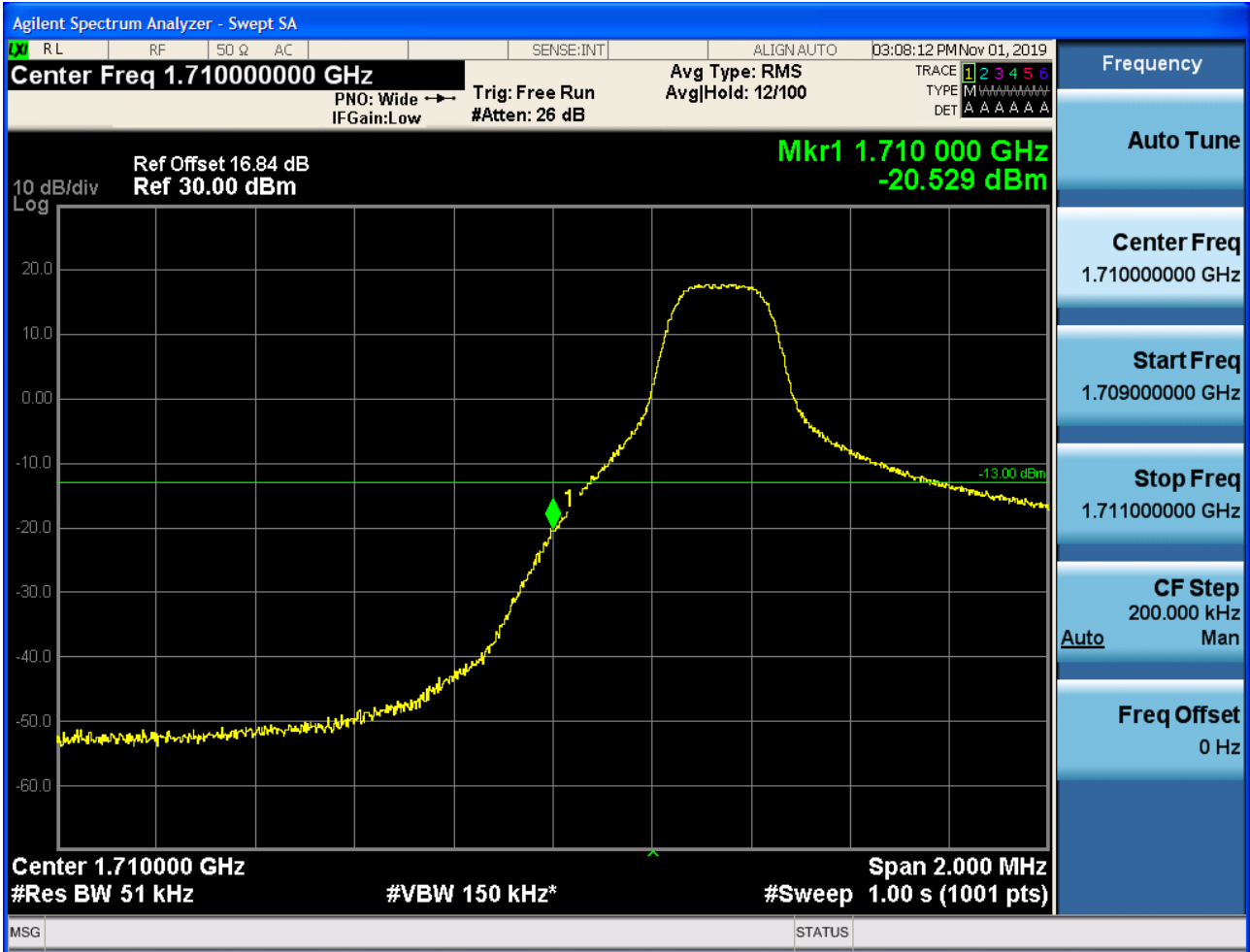




5.1.1.1.3 Test Bandwidth = 5

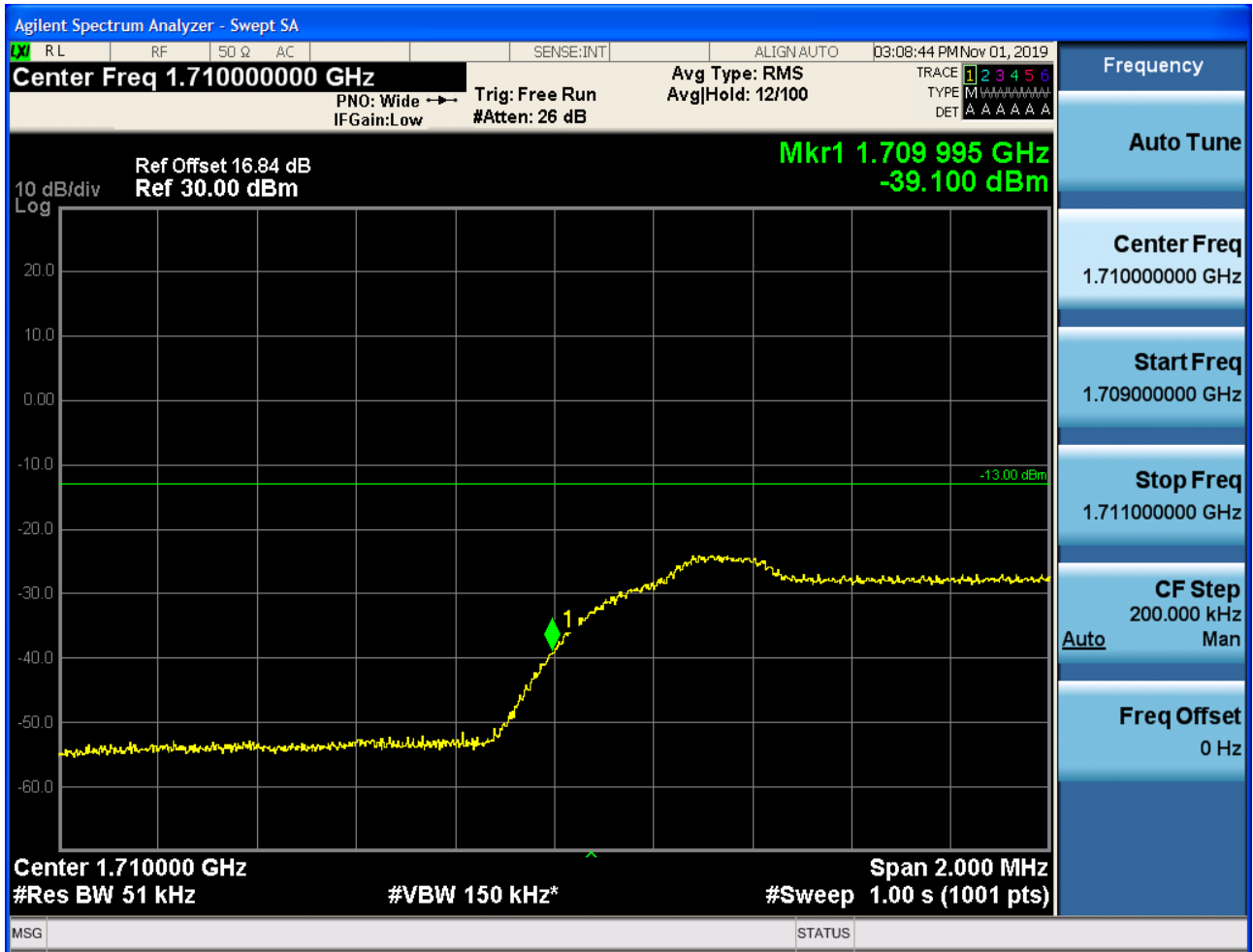
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



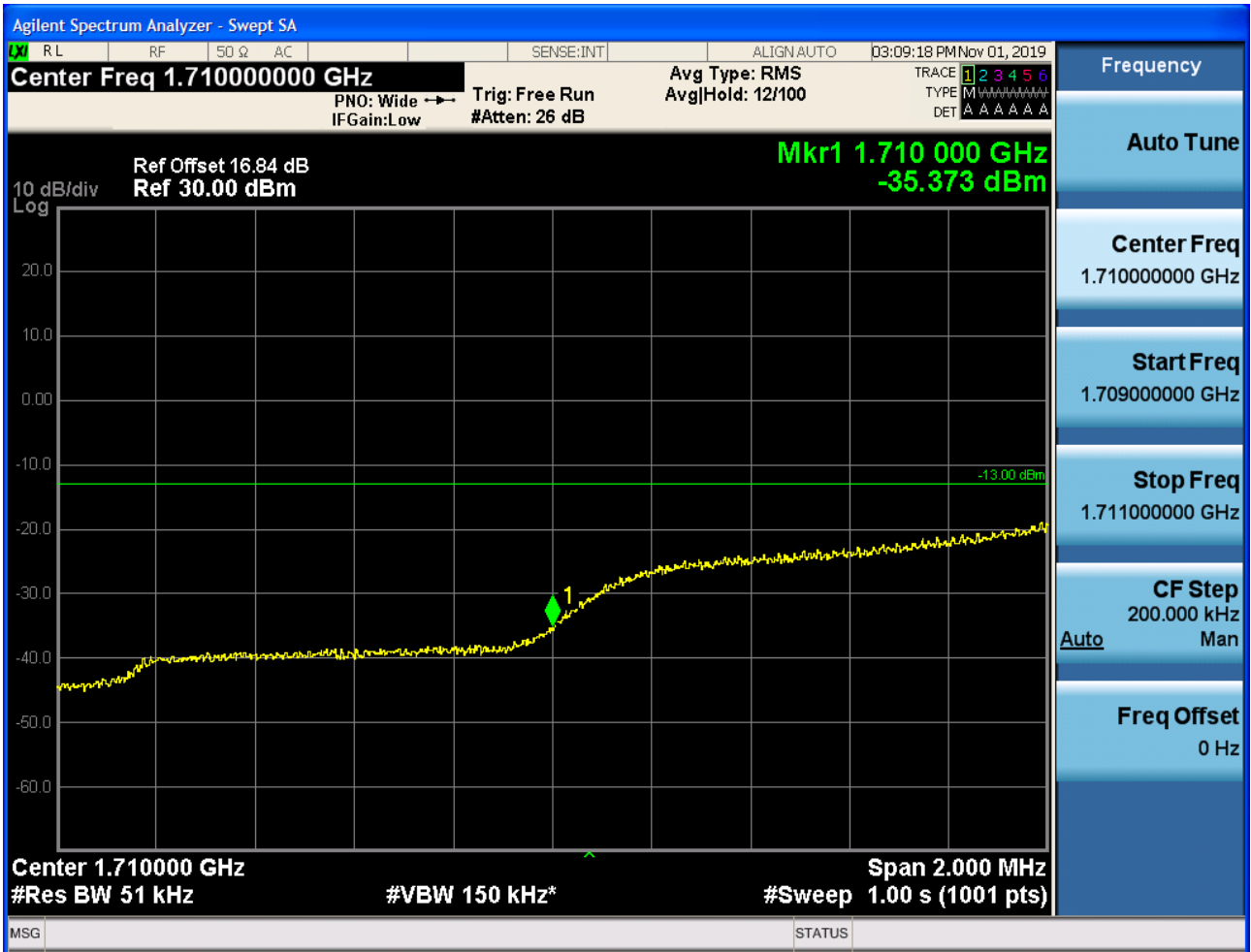


5.1.1.1.3.1.2 Test RB = RB1#24



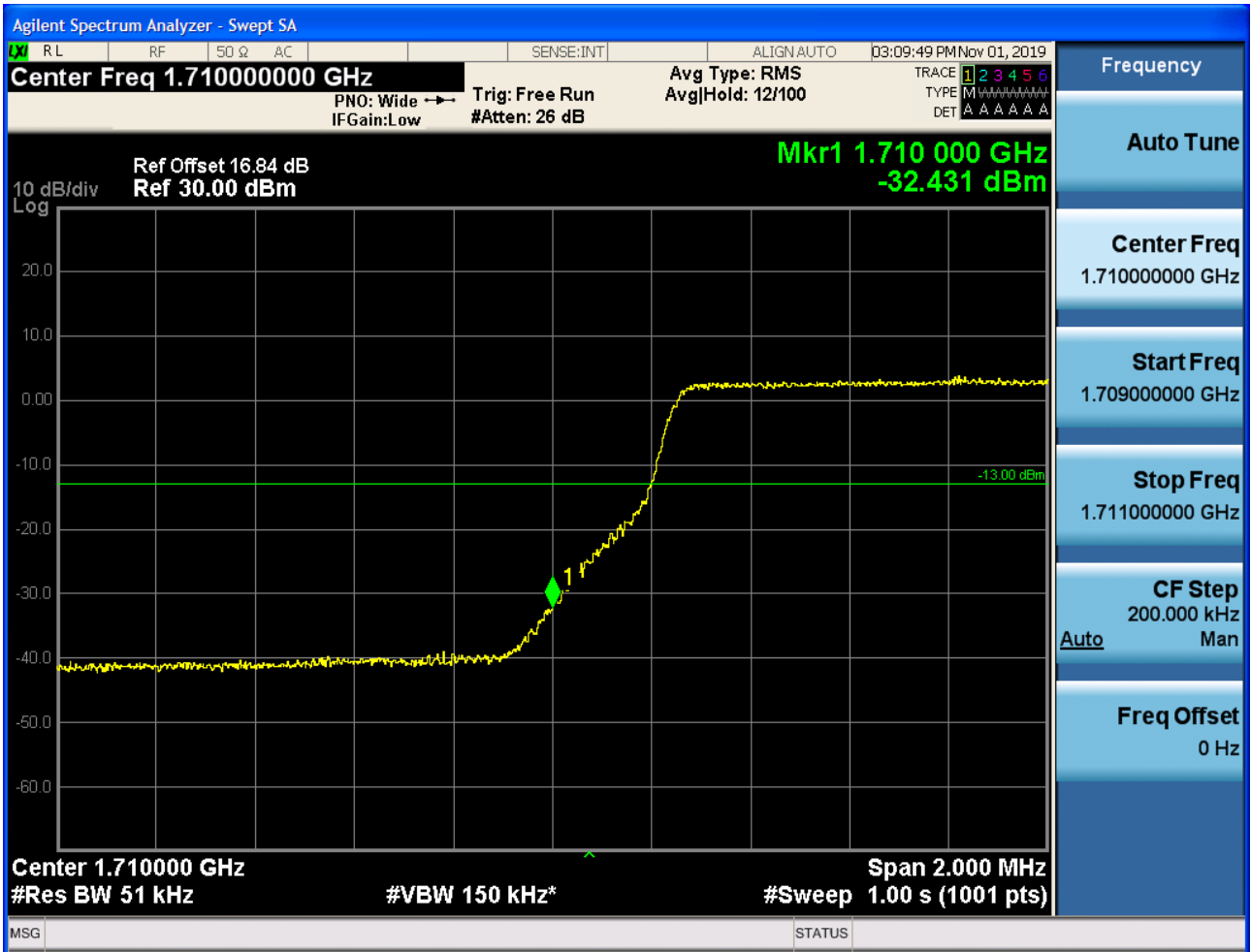


5.1.1.1.3.1.3 Test RB = RB12#6





5.1.1.1.3.1.4 Test RB = RB25#0





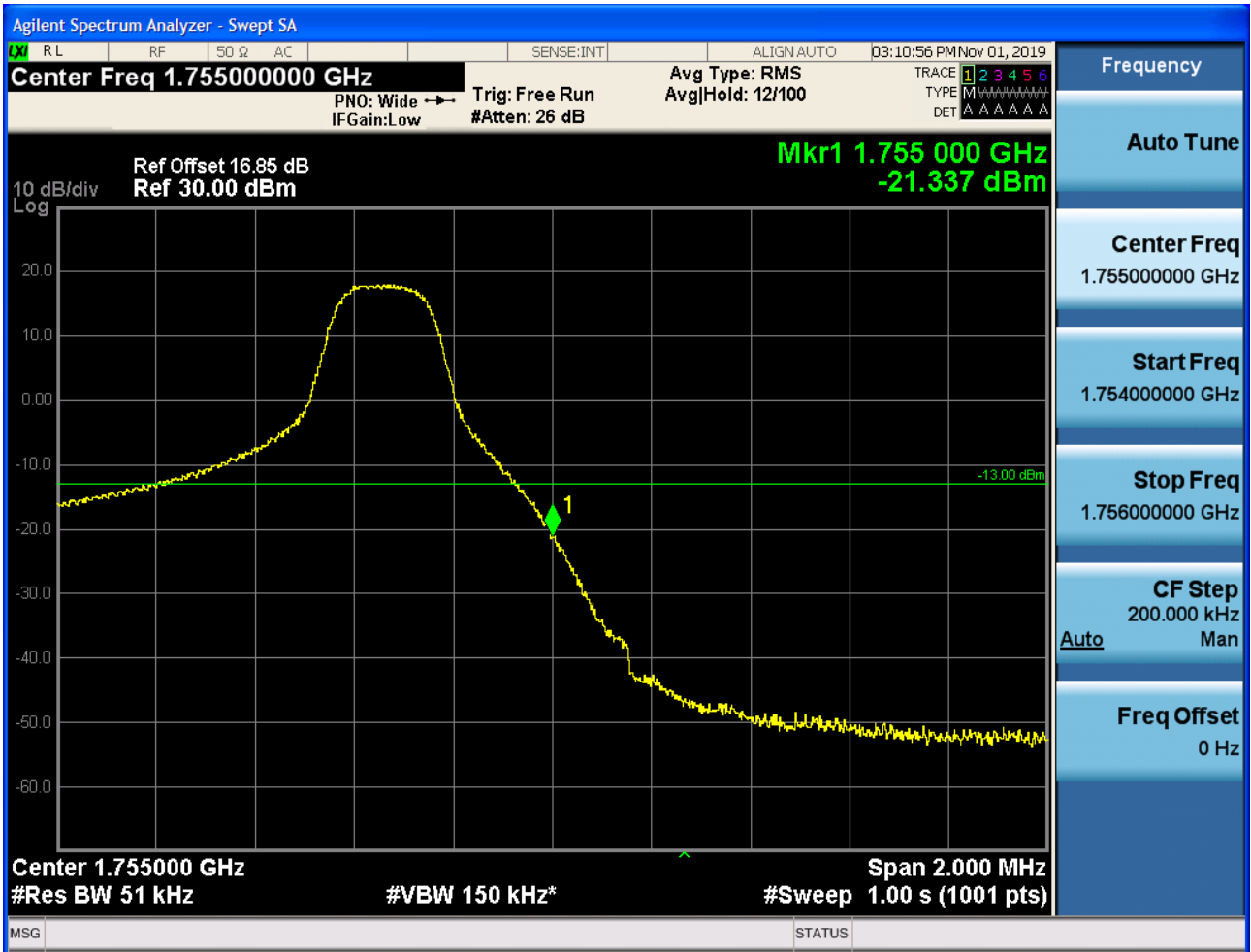
5.1.1.1.3.2 Test Channel = HCH

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

