



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	22.88	23.28	30	PASS
				RB1#3	22.70	23.10	30	PASS
				RB1#5	22.87	23.27	30	PASS
				RB3#0	22.65	23.05	30	PASS
				RB3#2	22.80	23.20	30	PASS
				RB3#3	22.73	23.13	30	PASS
			RB6#0	21.69	22.09	30	PASS	
			MCH	RB1#0	22.94	23.34	30	PASS
				RB1#3	22.88	23.28	30	PASS
				RB1#5	22.89	23.29	30	PASS
				RB3#0	22.89	23.29	30	PASS
				RB3#2	22.50	22.90	30	PASS
				RB3#3	22.79	23.19	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.86	22.26	30	PASS
			HCH	RB1#0	23.22	23.62	30	PASS
				RB1#3	22.93	23.33	30	PASS
				RB1#5	23.08	23.48	30	PASS
				RB3#0	22.92	23.32	30	PASS
				RB3#2	23.07	23.47	30	PASS
				RB3#3	23.04	23.44	30	PASS
				RB6#0	21.95	22.35	30	PASS
		3	LCH	RB1#0	22.79	23.19	30	PASS
				RB1#7	22.58	22.98	30	PASS
				RB1#14	23.02	23.42	30	PASS
				RB8#0	21.99	22.39	30	PASS
				RB8#4	21.78	22.18	30	PASS
				RB8#7	21.78	22.18	30	PASS
				RB15#0	21.77	22.17	30	PASS
			MCH	RB1#0	22.97	23.37	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#7	22.66	23.06	30	PASS
				RB1#14	23.01	23.41	30	PASS
				RB8#0	21.96	22.36	30	PASS
				RB8#4	21.99	22.39	30	PASS
				RB8#7	21.95	22.35	30	PASS
				RB15#0	21.95	22.35	30	PASS
			HCH	RB1#0	23.06	23.46	30	PASS
				RB1#7	22.71	23.11	30	PASS
				RB1#14	23.19	23.59	30	PASS
				RB8#0	21.91	22.31	30	PASS
				RB8#4	22.04	22.44	30	PASS
				RB8#7	22.07	22.47	30	PASS
		5	LCH	RB1#0	22.81	23.21	30	PASS
				RB1#13	22.93	23.33	30	PASS
				RB1#24	22.96	23.36	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#0	21.88	22.28	30	PASS
				RB12#6	21.86	22.26	30	PASS
				RB12#13	21.90	22.30	30	PASS
				RB25#0	21.88	22.28	30	PASS
			MCH	RB1#0	23.01	23.41	30	PASS
				RB1#13	23.18	23.58	30	PASS
				RB1#24	23.17	23.57	30	PASS
				RB12#0	22.10	22.50	30	PASS
				RB12#6	22.10	22.50	30	PASS
				RB12#13	21.94	22.34	30	PASS
				RB25#0	21.92	22.32	30	PASS
			HCH	RB1#0	23.03	23.43	30	PASS
				RB1#13	23.19	23.59	30	PASS
				RB1#24	23.14	23.54	30	PASS
				RB12#0	22.18	22.58	30	PASS
				RB12#6	22.02	22.42	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB12#13	22.15	22.55	30	PASS	
				RB25#0	22.18	22.58	30	PASS	
		10	LCH	RB1#0	22.81	23.21	30	PASS	
				RB1#25	22.85	23.25	30	PASS	
				RB1#49	23.02	23.42	30	PASS	
				RB25#0	21.95	22.35	30	PASS	
				RB25#13	22.04	22.44	30	PASS	
				RB25#25	21.90	22.30	30	PASS	
				RB50#0	21.93	22.33	30	PASS	
				MCH	RB1#0	22.98	23.38	30	PASS
					RB1#25	22.94	23.34	30	PASS
					RB1#49	23.04	23.44	30	PASS
		RB25#0	22.05		22.45	30	PASS		
						RB25#13	22.05	22.45	30
				RB25#25	22.05	22.45	30	PASS	
				RB50#0	22.07	22.47	30	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	23.01	23.41	30	PASS
				RB1#25	22.94	23.34	30	PASS
				RB1#49	23.11	23.51	30	PASS
				RB25#0	21.96	22.36	30	PASS
				RB25#13	22.14	22.54	30	PASS
				RB25#25	22.03	22.43	30	PASS
				RB50#0	22.05	22.45	30	PASS
		15	LCH	RB1#0	23.19	23.59	30	PASS
				RB1#38	23.04	23.44	30	PASS
				RB1#74	23.01	23.41	30	PASS
				RB38#0	21.89	22.29	30	PASS
				RB38#19	21.90	22.30	30	PASS
				RB38#39	21.98	22.38	30	PASS
				RB75#0	21.92	22.32	30	PASS
				MCH	RB1#0	22.91	23.31	30
RB1#38	22.96	23.36	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#74	23.08	23.48	30	PASS
				RB38#0	22.12	22.52	30	PASS
				RB38#19	22.14	22.54	30	PASS
				RB38#39	22.04	22.44	30	PASS
				RB75#0	22.18	22.58	30	PASS
			HCH	RB1#0	22.98	23.38	30	PASS
				RB1#38	23.19	23.59	30	PASS
				RB1#74	23.09	23.49	30	PASS
				RB38#0	22.21	22.61	30	PASS
				RB38#19	22.19	22.59	30	PASS
				RB38#39	22.14	22.54	30	PASS
				RB75#0	22.19	22.59	30	PASS
		20	LCH	RB1#0	22.78	23.18	30	PASS
				RB1#50	22.71	23.11	30	PASS
				RB1#99	22.86	23.26	30	PASS
				RB50#0	21.94	22.34	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.89	22.29	30	PASS
				RB50#50	21.94	22.34	30	PASS
				RB100#0	21.61	22.01	30	PASS
			MCH	RB1#0	22.74	23.14	30	PASS
				RB1#50	22.64	23.04	30	PASS
				RB1#99	22.87	23.27	30	PASS
				RB50#0	22.01	22.41	30	PASS
				RB50#25	21.99	22.39	30	PASS
				RB50#50	22.01	22.41	30	PASS
				RB100#0	21.50	21.90	30	PASS
			HCH	RB1#0	22.75	23.15	30	PASS
				RB1#50	22.80	23.20	30	PASS
				RB1#99	22.95	23.35	30	PASS
				RB50#0	22.19	22.59	30	PASS
				RB50#25	22.07	22.47	30	PASS
				RB50#50	22.21	22.61	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.55	21.95	30	PASS
	LTE/TM2	1.4	LCH	RB1#0	21.94	22.34	30	PASS
				RB1#3	21.22	21.62	30	PASS
				RB1#5	21.89	22.29	30	PASS
				RB3#0	21.80	22.20	30	PASS
				RB3#2	21.75	22.15	30	PASS
				RB3#3	21.68	22.08	30	PASS
				RB6#0	20.72	21.12	30	PASS
				MCH	RB1#0	22.49	22.89	30
			RB1#3		22.08	22.48	30	PASS
			RB1#5		22.18	22.58	30	PASS
			RB3#0		21.98	22.38	30	PASS
			RB3#2		21.64	22.04	30	PASS
			RB3#3		21.99	22.39	30	PASS
			RB6#0		20.73	21.13	30	PASS
			HCH	RB1#0	22.38	22.78	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#3	22.16	22.56	30	PASS	
				RB1#5	22.09	22.49	30	PASS	
				RB3#0	22.00	22.40	30	PASS	
				RB3#2	21.89	22.29	30	PASS	
				RB3#3	21.98	22.38	30	PASS	
				RB6#0	21.10	21.50	30	PASS	
		3	LCH	RB1#0	22.07	22.47	30	PASS	
				RB1#7	22.02	22.42	30	PASS	
				RB1#14	22.32	22.72	30	PASS	
				RB8#0	20.75	21.15	30	PASS	
				RB8#4	20.82	21.22	30	PASS	
				RB8#7	20.73	21.13	30	PASS	
				RB15#0	20.73	21.13	30	PASS	
				MCH	RB1#0	22.06	22.46	30	PASS
					RB1#7	21.84	22.24	30	PASS
RB1#14	22.37	22.77	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.95	21.35	30	PASS
				RB8#4	21.04	21.44	30	PASS
				RB8#7	21.00	21.40	30	PASS
				RB15#0	20.95	21.35	30	PASS
			HCH	RB1#0	22.68	23.08	30	PASS
				RB1#7	22.46	22.86	30	PASS
				RB1#14	22.72	23.12	30	PASS
				RB8#0	20.87	21.27	30	PASS
		RB8#4	21.06	21.46	30	PASS		
		RB8#7	20.87	21.27	30	PASS		
		RB15#0	21.08	21.48	30	PASS		
		5	LCH	RB1#0	22.26	22.66	30	PASS
				RB1#13	22.32	22.72	30	PASS
				RB1#24	22.36	22.76	30	PASS
				RB12#0	20.86	21.26	30	PASS
				RB12#6	20.82	21.22	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	20.90	21.30	30	PASS
				RB25#0	20.83	21.23	30	PASS
			MCH	RB1#0	22.44	22.84	30	PASS
				RB1#13	22.40	22.80	30	PASS
				RB1#24	22.40	22.80	30	PASS
				RB12#0	21.08	21.48	30	PASS
				RB12#6	20.74	21.14	30	PASS
				RB12#13	20.92	21.32	30	PASS
				RB25#0	20.89	21.29	30	PASS
				HCH	RB1#0	22.34	22.74	30
			RB1#13		22.34	22.74	30	PASS
			RB1#24		22.46	22.86	30	PASS
			RB12#0		21.14	21.54	30	PASS
			RB12#6		20.83	21.23	30	PASS
			RB12#13		21.19	21.59	30	PASS
			RB25#0		21.06	21.46	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		10	LCH	RB1#0	22.11	22.51	30	PASS
				RB1#25	21.70	22.10	30	PASS
				RB1#49	22.20	22.60	30	PASS
				RB25#0	20.94	21.34	30	PASS
				RB25#13	20.99	21.39	30	PASS
				RB25#25	20.90	21.30	30	PASS
				RB50#0	20.89	21.29	30	PASS
			MCH	RB1#0	22.09	22.49	30	PASS
				RB1#25	21.48	21.88	30	PASS
				RB1#49	22.09	22.49	30	PASS
				RB25#0	21.02	21.42	30	PASS
				RB25#13	21.00	21.40	30	PASS
				RB25#25	21.02	21.42	30	PASS
				RB50#0	21.02	21.42	30	PASS
			HCH	RB1#0	22.50	22.90	30	PASS
				RB1#25	22.21	22.61	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#49	22.47	22.87	30	PASS	
				RB25#0	20.95	21.35	30	PASS	
				RB25#13	21.09	21.49	30	PASS	
				RB25#25	20.97	21.37	30	PASS	
				RB50#0	21.00	21.40	30	PASS	
		15	LCH	RB1#0	22.56	22.96	30	PASS	
				RB1#38	22.45	22.85	30	PASS	
				RB1#74	22.47	22.87	30	PASS	
				RB38#0	20.90	21.30	30	PASS	
				RB38#19	20.88	21.28	30	PASS	
				RB38#39	20.99	21.39	30	PASS	
				RB75#0	20.86	21.26	30	PASS	
				MCH	RB1#0	22.16	22.56	30	PASS
					RB1#38	22.12	22.52	30	PASS
		RB1#74	22.34		22.74	30	PASS		
		RB38#0	21.09		21.49	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#19	21.06	21.46	30	PASS
				RB38#39	20.95	21.35	30	PASS
				RB75#0	21.09	21.49	30	PASS
			HCH	RB1#0	22.36	22.76	30	PASS
				RB1#38	22.25	22.65	30	PASS
				RB1#74	22.27	22.67	30	PASS
				RB38#0	21.09	21.49	30	PASS
				RB38#19	21.10	21.50	30	PASS
				RB38#39	21.02	21.42	30	PASS
		RB75#0	21.09	21.49	30	PASS		
		20	LCH	RB1#0	22.07	22.46	30	PASS
				RB1#50	22.03	22.43	30	PASS
				RB1#99	22.13	22.53	30	PASS
				RB50#0	20.87	21.27	30	PASS
				RB50#25	20.85	21.25	30	PASS
RB50#50	21.03			21.43	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	20.89	21.29	30	PASS
			MCH	RB1#0	22.22	22.62	30	PASS
				RB1#50	21.97	22.37	30	PASS
				RB1#99	22.18	22.58	30	PASS
				RB50#0	20.91	21.31	30	PASS
				RB50#25	20.93	21.33	30	PASS
				RB50#50	20.96	21.36	30	PASS
				RB100#0	20.96	21.36	30	PASS
				HCH	RB1#0	22.25	22.65	30
			RB1#50		22.15	22.55	30	PASS
			RB1#99		22.25	22.65	30	PASS
			RB50#0		21.06	21.46	30	PASS
			RB50#25		21.01	21.41	30	PASS
			RB50#50		21.16	21.56	30	PASS
			RB100#0		20.98	21.38	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	5.19	13	PASS
				RB1#3	5.46	13	PASS
				RB1#5	5.10	13	PASS
				RB3#0	5.19	13	PASS
				RB3#2	5.30	13	PASS
				RB3#3	5.29	13	PASS
				RB6#0	6.00	13	PASS
			MCH	RB1#0	5.44	13	PASS
				RB1#3	4.95	13	PASS
				RB1#5	5.34	13	PASS
				RB3#0	5.85	13	PASS
				RB3#2	5.89	13	PASS
				RB3#3	5.85	13	PASS
				RB6#0	5.96	13	PASS
		HCH	RB1#0	5.91	13	PASS	
			RB1#3	5.73	13	PASS	
			RB1#5	5.55	13	PASS	
			RB3#0	6.02	13	PASS	
			RB3#2	6.02	13	PASS	
			RB3#3	6.01	13	PASS	
			RB6#0	6.59	13	PASS	
		3	LCH	RB1#0	5.04	13	PASS
				RB1#7	5.25	13	PASS
				RB1#14	5.21	13	PASS
				RB8#0	5.91	13	PASS
				RB8#4	5.96	13	PASS
				RB8#7	5.99	13	PASS
				RB15#0	5.56	13	PASS
MCH	RB1#0		5.58	13	PASS		
	RB1#7		5.14	13	PASS		
	RB1#14		5.40	13	PASS		
	RB8#0		6.21	13	PASS		
	RB8#4		6.17	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB8#7	6.11	13	PASS
				RB15#0	6.24	13	PASS
			HCH	RB1#0	5.84	13	PASS
				RB1#7	5.85	13	PASS
				RB1#14	5.85	13	PASS
				RB8#0	6.33	13	PASS
				RB8#4	6.24	13	PASS
				RB8#7	6.21	13	PASS
			RB15#0	6.16	13	PASS	
			LCH	RB1#0	5.02	13	PASS
				RB1#13	4.92	13	PASS
				RB1#24	5.08	13	PASS
				RB12#0	5.87	13	PASS
				RB12#6	5.92	13	PASS
		RB12#13		6.04	13	PASS	
		RB25#0		6.10	13	PASS	
		MCH	RB1#0	5.43	13	PASS	
			RB1#13	5.34	13	PASS	
			RB1#24	5.34	13	PASS	
			RB12#0	6.22	13	PASS	
			RB12#6	5.98	13	PASS	
			RB12#13	5.99	13	PASS	
		RB25#0	6.29	13	PASS		
		HCH	RB1#0	5.81	13	PASS	
			RB1#13	5.81	13	PASS	
			RB1#24	5.78	13	PASS	
			RB12#0	6.52	13	PASS	
			RB12#6	6.64	13	PASS	
			RB12#13	6.31	13	PASS	
		RB25#0	6.26	13	PASS		
10	LCH	RB1#0	5.06	13	PASS		
		RB1#25	5.58	13	PASS		
		RB1#49	6.02	13	PASS		
		RB25#0	6.15	13	PASS		
		RB25#13	6.42	13	PASS		
		RB25#25	6.44	13	PASS		
		RB50#0	6.63	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			MCH	RB1#0	5.43	13	PASS
				RB1#25	5.42	13	PASS
				RB1#49	5.37	13	PASS
				RB25#0	6.26	13	PASS
				RB25#13	6.06	13	PASS
				RB25#25	6.08	13	PASS
				RB50#0	6.39	13	PASS
			HCH	RB1#0	5.46	13	PASS
				RB1#25	5.67	13	PASS
				RB1#49	5.47	13	PASS
				RB25#0	6.47	13	PASS
				RB25#13	6.64	13	PASS
				RB25#25	6.59	13	PASS
				RB50#0	6.60	13	PASS
		15	LCH	RB1#0	4.99	13	PASS
				RB1#38	5.44	13	PASS
				RB1#74	5.93	13	PASS
				RB38#0	6.34	13	PASS
				RB38#19	6.71	13	PASS
				RB38#39	6.73	13	PASS
				RB75#0	6.32	13	PASS
			MCH	RB1#0	5.45	13	PASS
				RB1#38	5.34	13	PASS
				RB1#74	5.43	13	PASS
				RB38#0	6.34	13	PASS
				RB38#19	6.23	13	PASS
				RB38#39	6.52	13	PASS
				RB75#0	6.49	13	PASS
			HCH	RB1#0	5.51	13	PASS
				RB1#38	5.59	13	PASS
RB1#74	5.72	13		PASS			
RB38#0	6.35	13		PASS			
RB38#19	6.75	13		PASS			
RB38#39	6.76	13		PASS			
RB75#0	6.87	13		PASS			
20	LCH	RB1#0	5.15	13	PASS		
		RB1#50	5.76	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#99	5.81	13	PASS
				RB50#0	6.51	13	PASS
				RB50#25	6.76	13	PASS
				RB50#50	6.61	13	PASS
				RB100#0	6.61	13	PASS
			MCH	RB1#0	5.29	13	PASS
				RB1#50	5.35	13	PASS
				RB1#99	5.46	13	PASS
				RB50#0	6.28	13	PASS
				RB50#25	6.53	13	PASS
				RB50#50	6.38	13	PASS
			HCH	RB100#0	6.66	13	PASS
				RB1#0	5.48	13	PASS
				RB1#50	5.65	13	PASS
				RB1#99	5.74	13	PASS
				RB50#0	6.63	13	PASS
				RB50#25	6.84	13	PASS
			LTE/TM2	1.4	LCH	RB50#50	6.85
	RB100#0	6.63				13	PASS
	RB1#0	5.93				13	PASS
	RB1#3	6.05				13	PASS
	RB1#5	5.62				13	PASS
	RB3#0	6.08				13	PASS
	RB3#2	6.36				13	PASS
	MCH	RB3#3			6.26	13	PASS
		RB6#0			6.84	13	PASS
		RB1#0			6.49	13	PASS
		RB1#3			6.57	13	PASS
		RB1#5			5.98	13	PASS
		RB3#0			6.72	13	PASS
		RB3#2			6.94	13	PASS
	HCH	RB3#3	6.63	13	PASS		
RB6#0		6.85	13	PASS			
RB1#0		6.79	13	PASS			
RB1#3		6.56	13	PASS			
				RB1#5	6.21	13	PASS
				RB3#0	6.98	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3		RB3#2	6.97	13	PASS
				RB3#3	6.91	13	PASS
				RB6#0	7.21	13	PASS
			LCH	RB1#0	5.71	13	PASS
				RB1#7	6.11	13	PASS
				RB1#14	5.62	13	PASS
				RB8#0	6.69	13	PASS
				RB8#4	6.74	13	PASS
				RB8#7	6.75	13	PASS
		RB15#0		6.60	13	PASS	
		MCH	RB1#0	6.64	13	PASS	
			RB1#7	6.97	13	PASS	
			RB1#14	6.28	13	PASS	
			RB8#0	7.09	13	PASS	
			RB8#4	7.13	13	PASS	
			RB8#7	7.13	13	PASS	
		HCH	RB15#0	7.12	13	PASS	
			RB1#0	6.28	13	PASS	
			RB1#7	6.43	13	PASS	
			RB1#14	6.26	13	PASS	
			RB8#0	7.48	13	PASS	
			RB8#4	7.32	13	PASS	
			RB8#7	7.30	13	PASS	
		5	LCH	RB15#0	7.17	13	PASS
				RB1#0	5.84	13	PASS
				RB1#13	5.73	13	PASS
				RB1#24	5.98	13	PASS
				RB12#0	6.63	13	PASS
				RB12#6	6.67	13	PASS
				RB12#13	7.17	13	PASS
MCH	RB25#0		6.83	13	PASS		
	RB1#0		6.23	13	PASS		
	RB1#13		6.13	13	PASS		
	RB1#24		6.13	13	PASS		
	RB12#0		6.75	13	PASS		
	RB12#6		6.83	13	PASS		
	RB12#13		6.73	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			HCH	RB25#0	7.11	13	PASS	
				RB1#0	6.00	13	PASS	
				RB1#13	6.04	13	PASS	
				RB1#24	5.99	13	PASS	
				RB12#0	6.78	13	PASS	
				RB12#6	6.79	13	PASS	
				RB12#13	6.97	13	PASS	
				RB25#0	7.12	13	PASS	
		10	LCH		RB1#0	5.24	13	PASS
					RB1#25	5.57	13	PASS
					RB1#49	5.80	13	PASS
					RB25#0	6.93	13	PASS
					RB25#13	7.22	13	PASS
					RB25#25	7.24	13	PASS
					RB50#0	7.37	13	PASS
			MCH		RB1#0	6.33	13	PASS
					RB1#25	6.30	13	PASS
					RB1#49	6.25	13	PASS
					RB25#0	6.77	13	PASS
					RB25#13	6.63	13	PASS
					RB25#25	6.64	13	PASS
					RB50#0	6.99	13	PASS
		HCH		RB1#0	6.36	13	PASS	
				RB1#25	6.60	13	PASS	
				RB1#49	6.40	13	PASS	
				RB25#0	7.27	13	PASS	
				RB25#13	7.31	13	PASS	
				RB25#25	7.28	13	PASS	
				RB50#0	7.69	13	PASS	
		15	LCH		RB1#0	5.99	13	PASS
RB1#38	6.30				13	PASS		
RB1#74	6.66				13	PASS		
RB38#0	7.04				13	PASS		
RB38#19	7.30				13	PASS		
RB38#39	7.19				13	PASS		
RB75#0	7.06				13	PASS		
MCH	RB1#0		6.85	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB1#38	6.59	13	PASS	
				RB1#74	6.56	13	PASS	
				RB38#0	6.88	13	PASS	
				RB38#19	6.76	13	PASS	
				RB38#39	7.04	13	PASS	
				RB75#0	7.29	13	PASS	
			HCH	RB1#0	6.60	13	PASS	
				RB1#38	6.73	13	PASS	
				RB1#74	6.83	13	PASS	
				RB38#0	6.67	13	PASS	
				RB38#19	7.44	13	PASS	
				RB38#39	7.52	13	PASS	
			20	LCH	RB1#0	5.67	13	PASS
					RB1#50	6.28	13	PASS
		RB1#99			6.23	13	PASS	
		RB50#0			7.16	13	PASS	
		RB50#25			7.19	13	PASS	
		RB50#50			7.07	13	PASS	
		MCH		RB100#0	7.24	13	PASS	
				RB1#0	6.20	13	PASS	
				RB1#50	6.07	13	PASS	
				RB1#99	6.24	13	PASS	
				RB50#0	6.85	13	PASS	
				RB50#25	7.06	13	PASS	
		HCH		RB50#50	6.89	13	PASS	
				RB100#0	7.27	13	PASS	
			RB1#0	6.31	13	PASS		
			RB1#50	6.49	13	PASS		
RB1#99	6.62		13	PASS				
RB50#0	7.26		13	PASS				
				RB50#25	7.56	13	PASS	
				RB50#50	7.52	13	PASS	
				RB100#0	7.38	13	PASS	

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

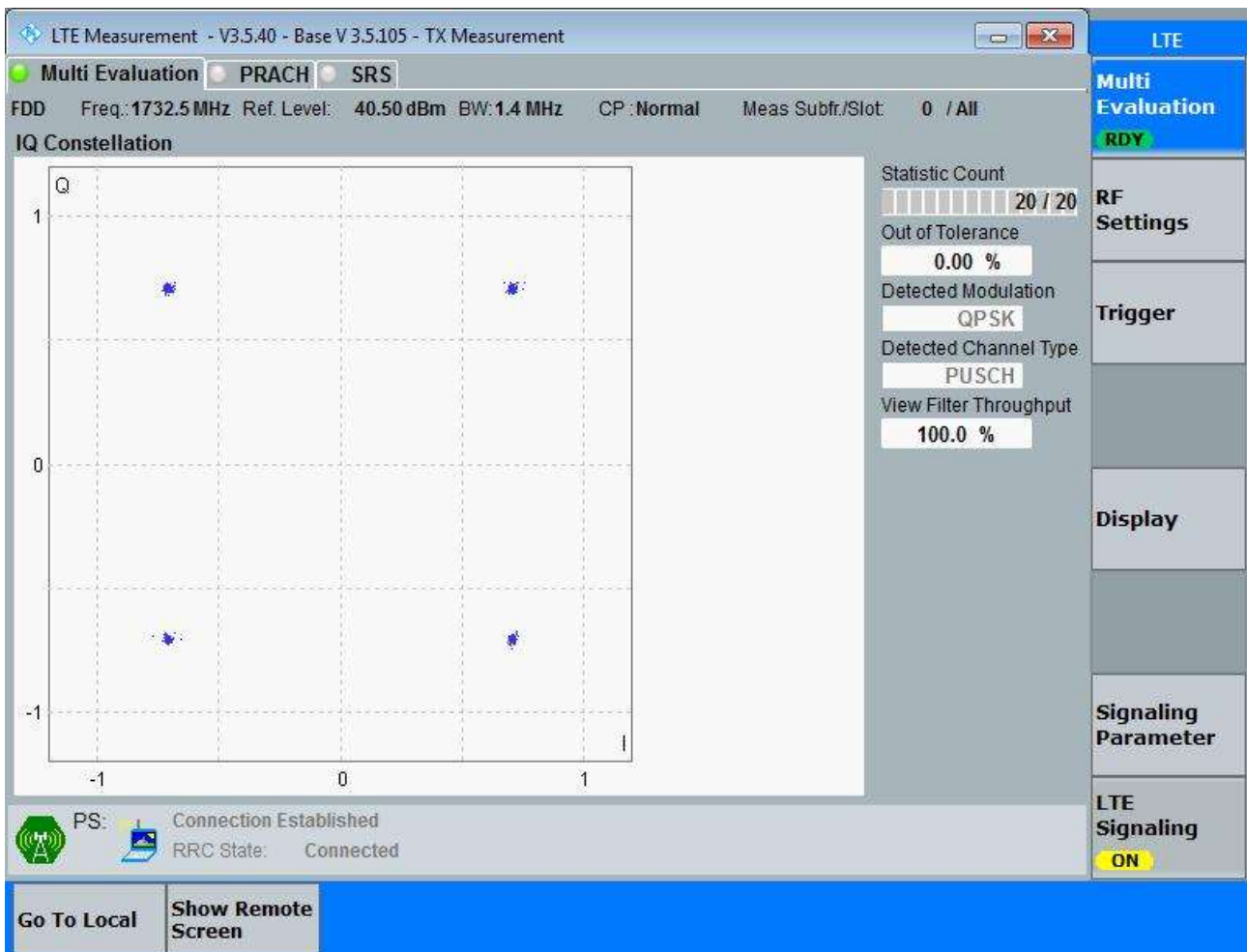
3.1.1 Test Band = Band4

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1 Test Channel = MCH

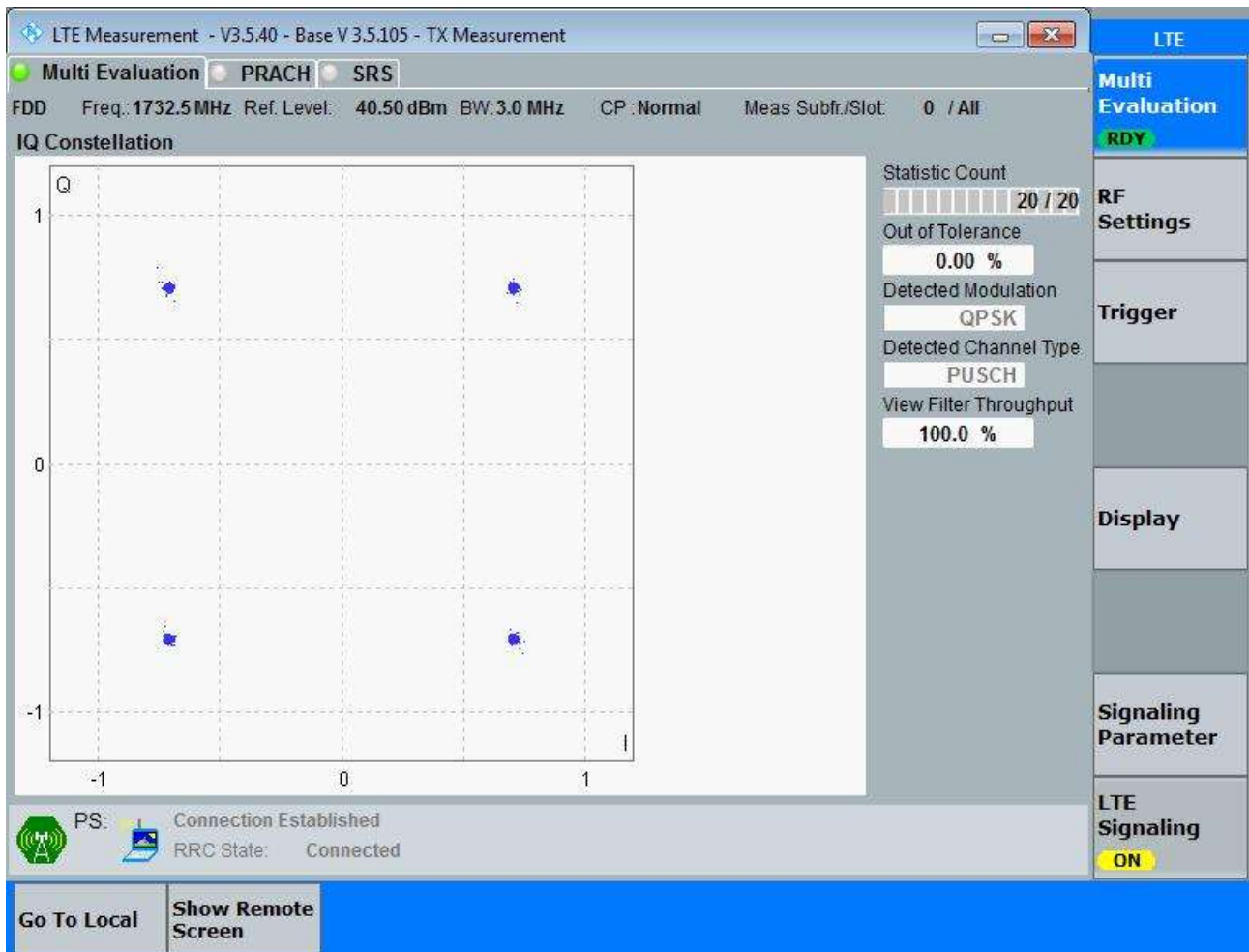
3.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

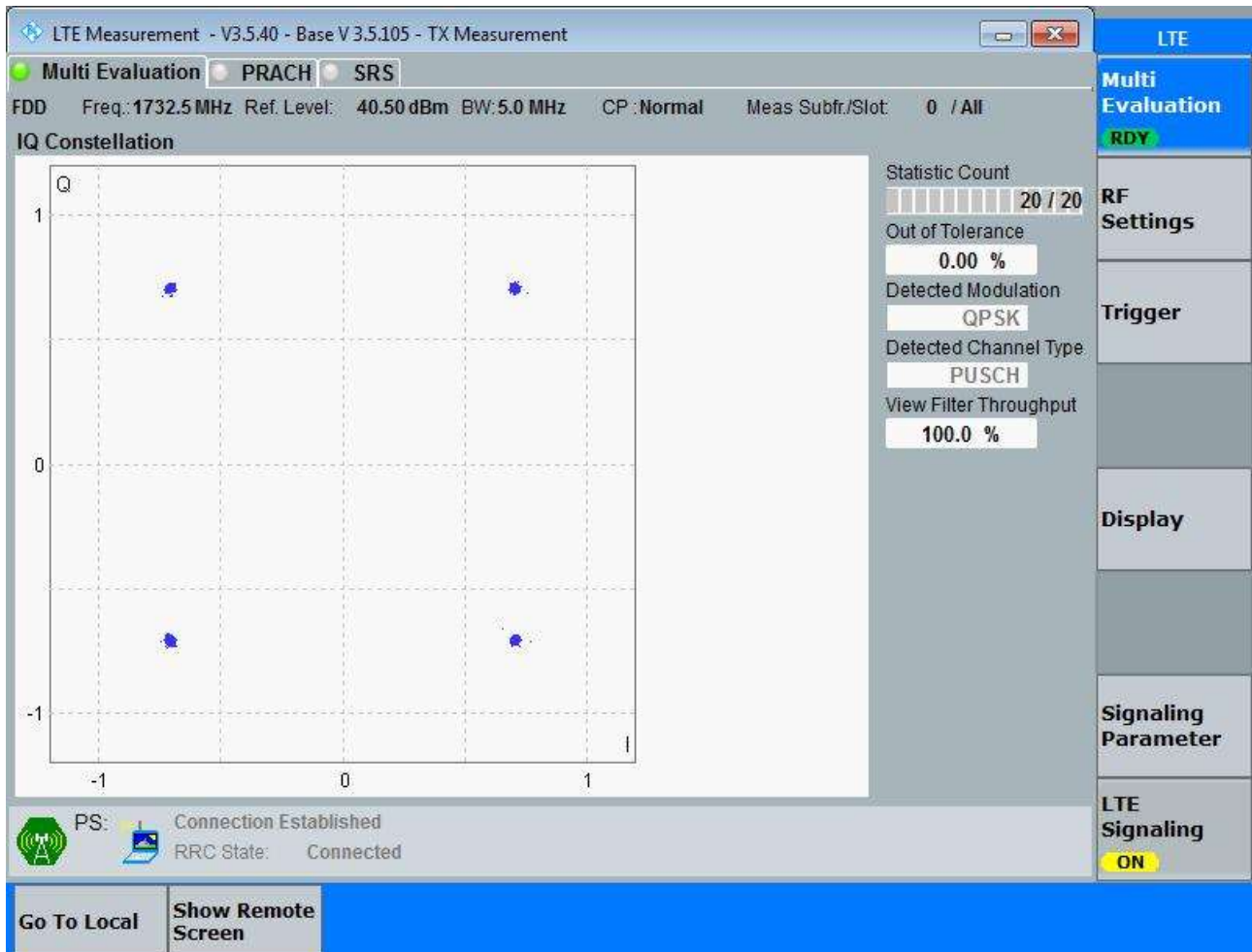
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

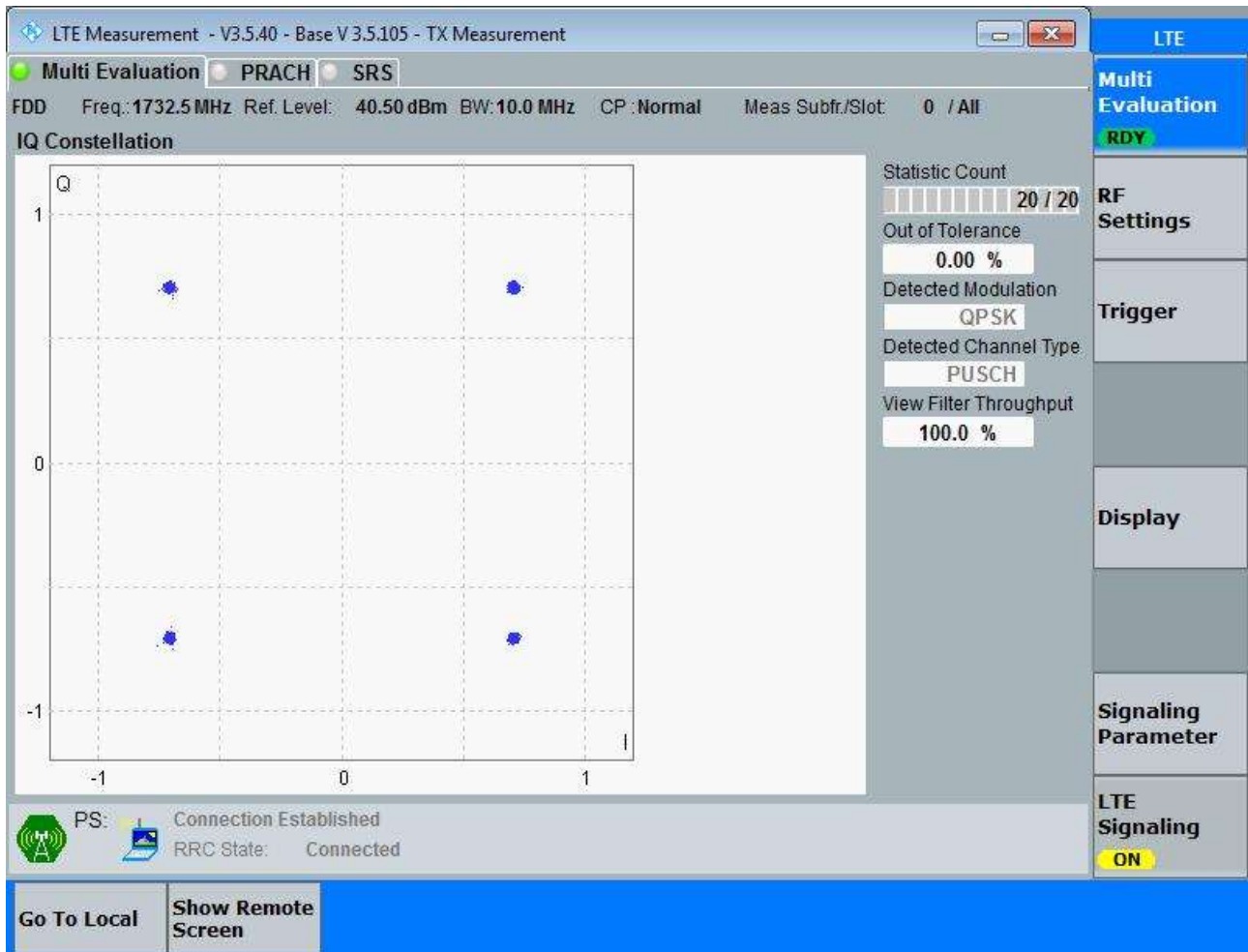
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

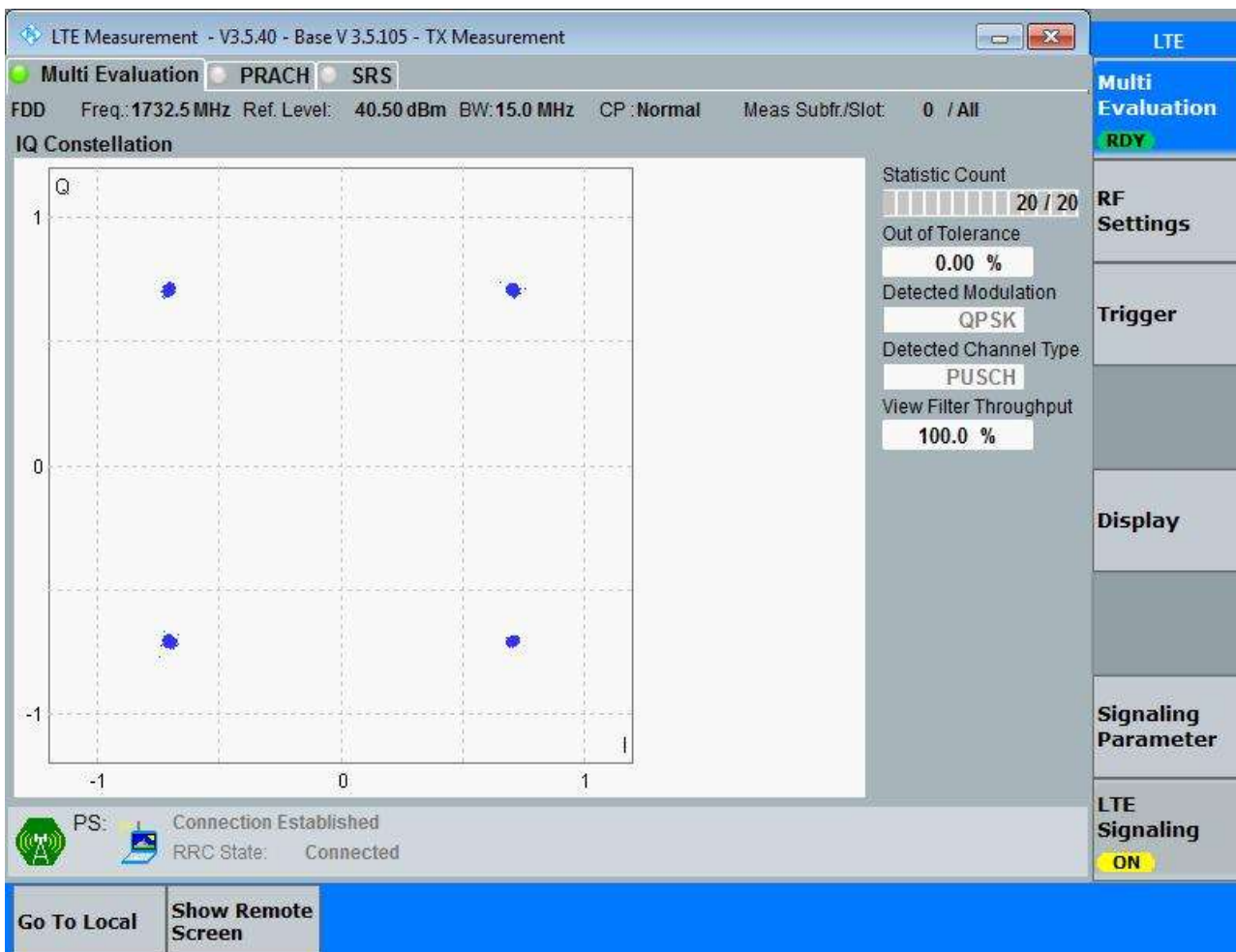
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

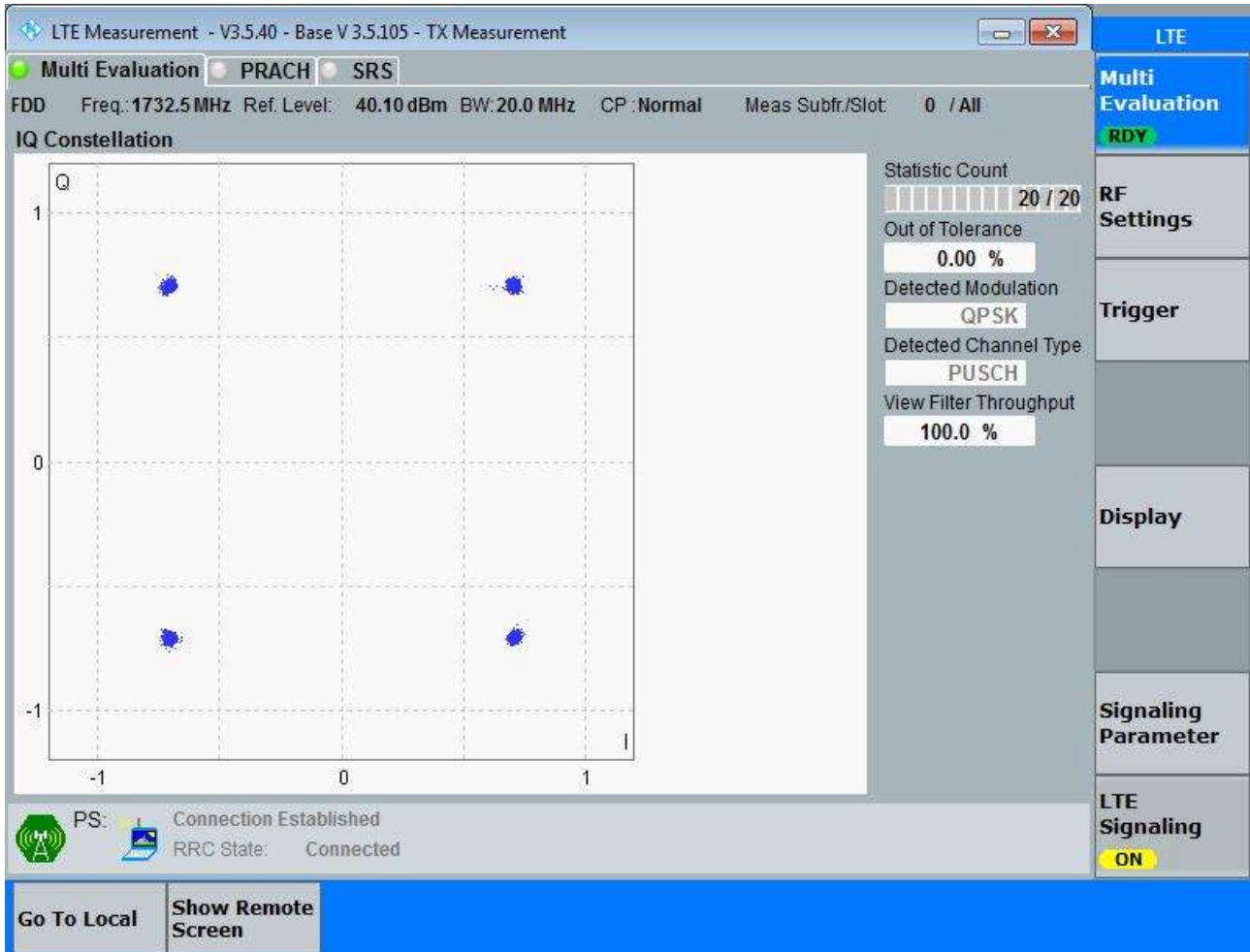
3.1.1.1.5.1.1 Test RB = RB75#0



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

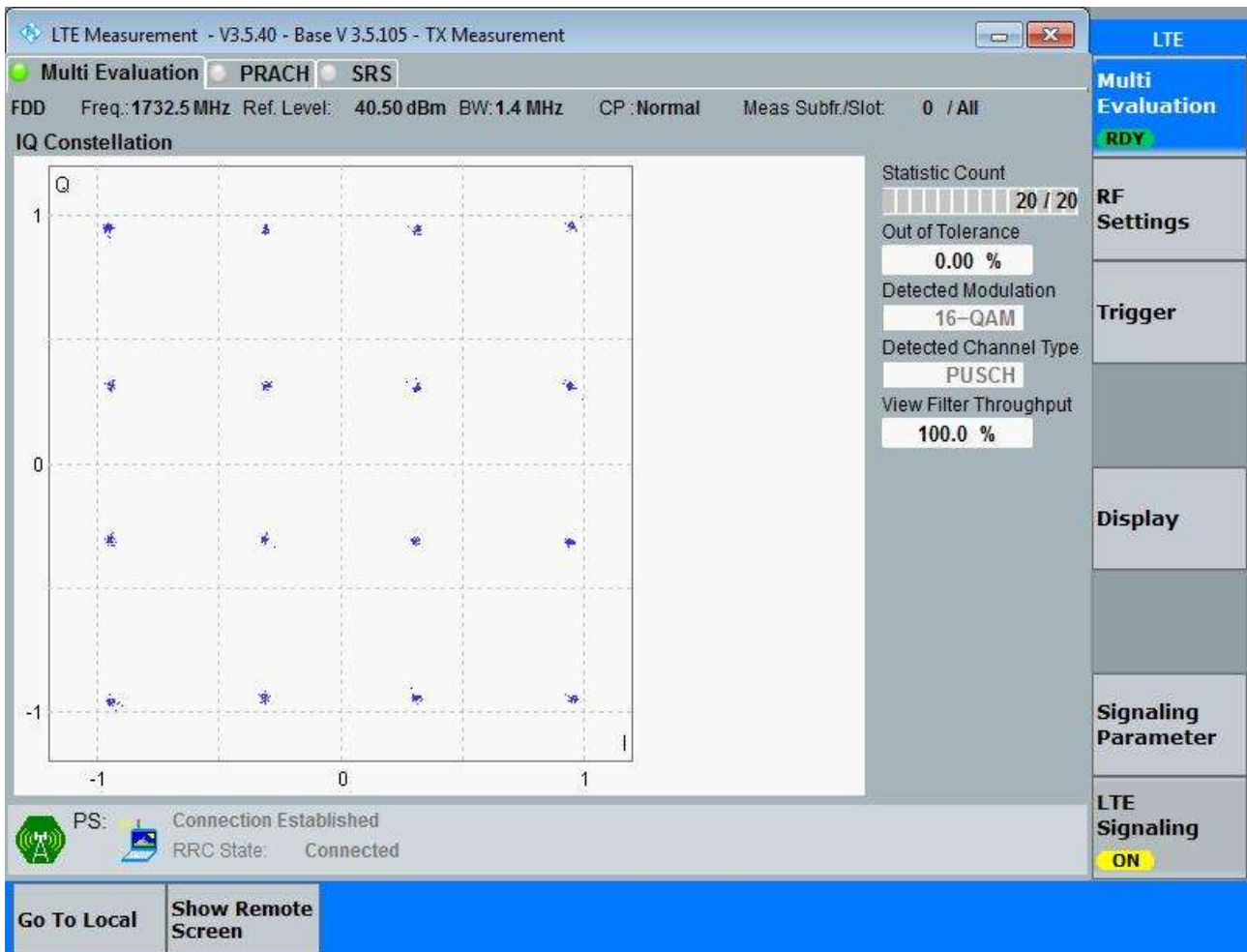


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

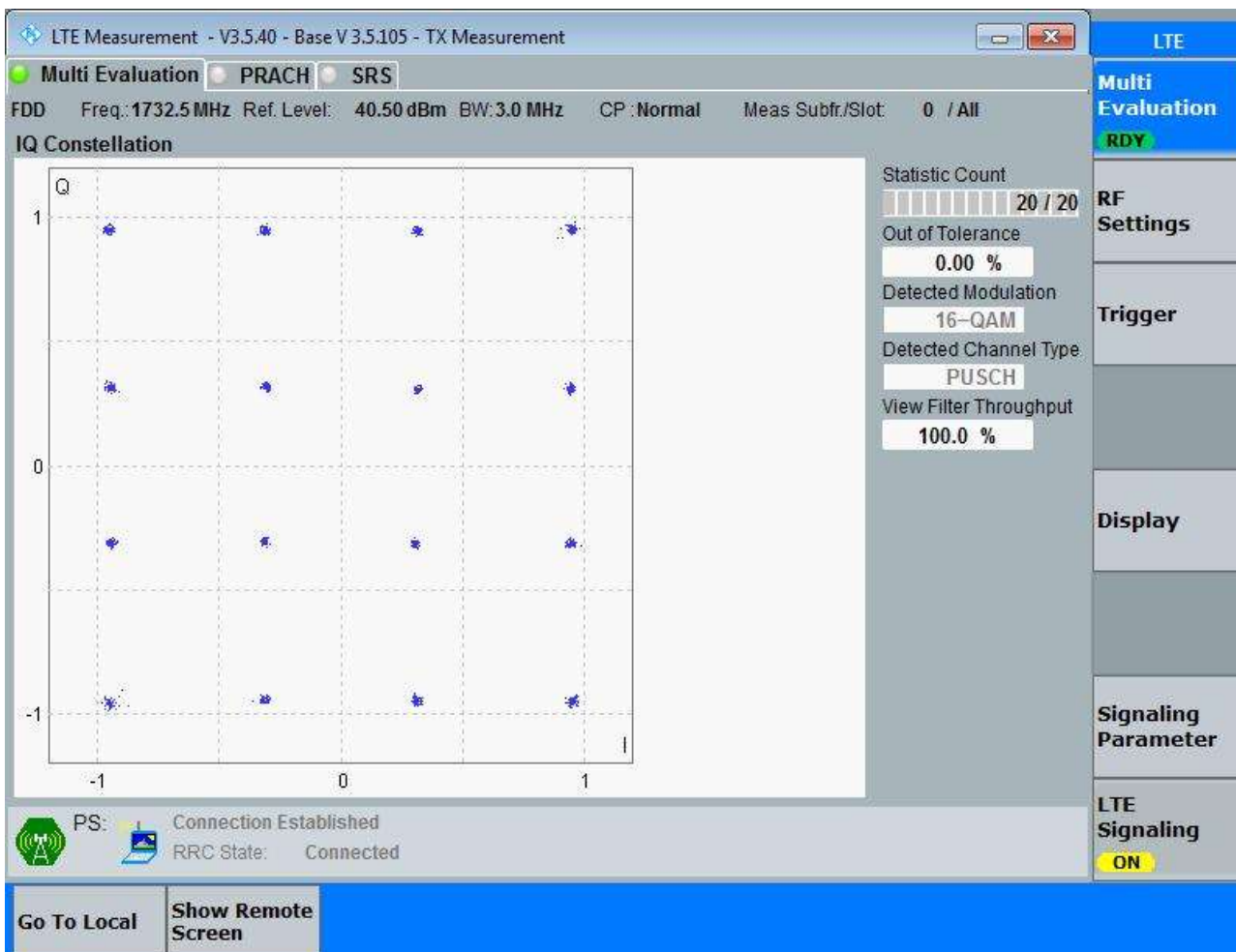
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

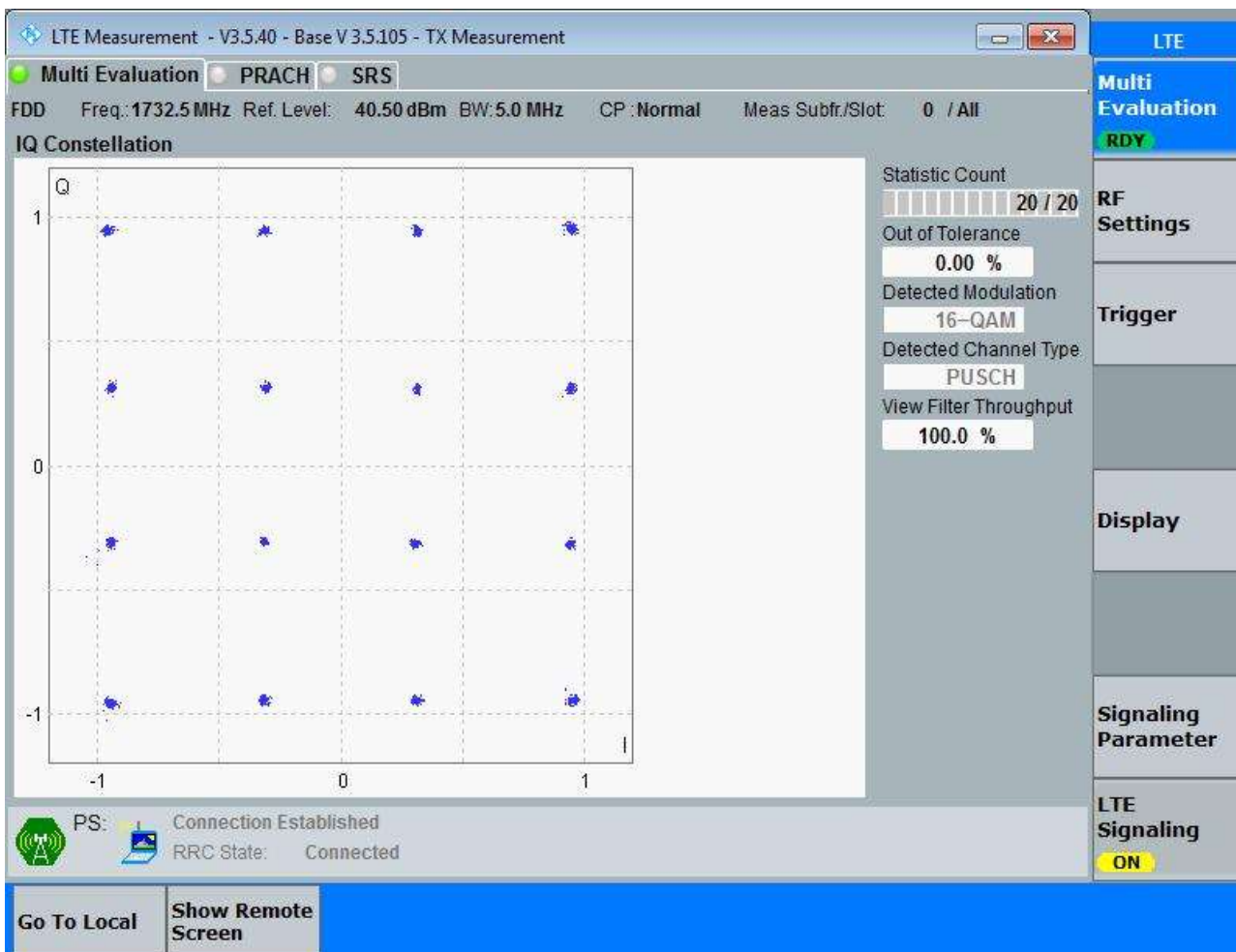
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

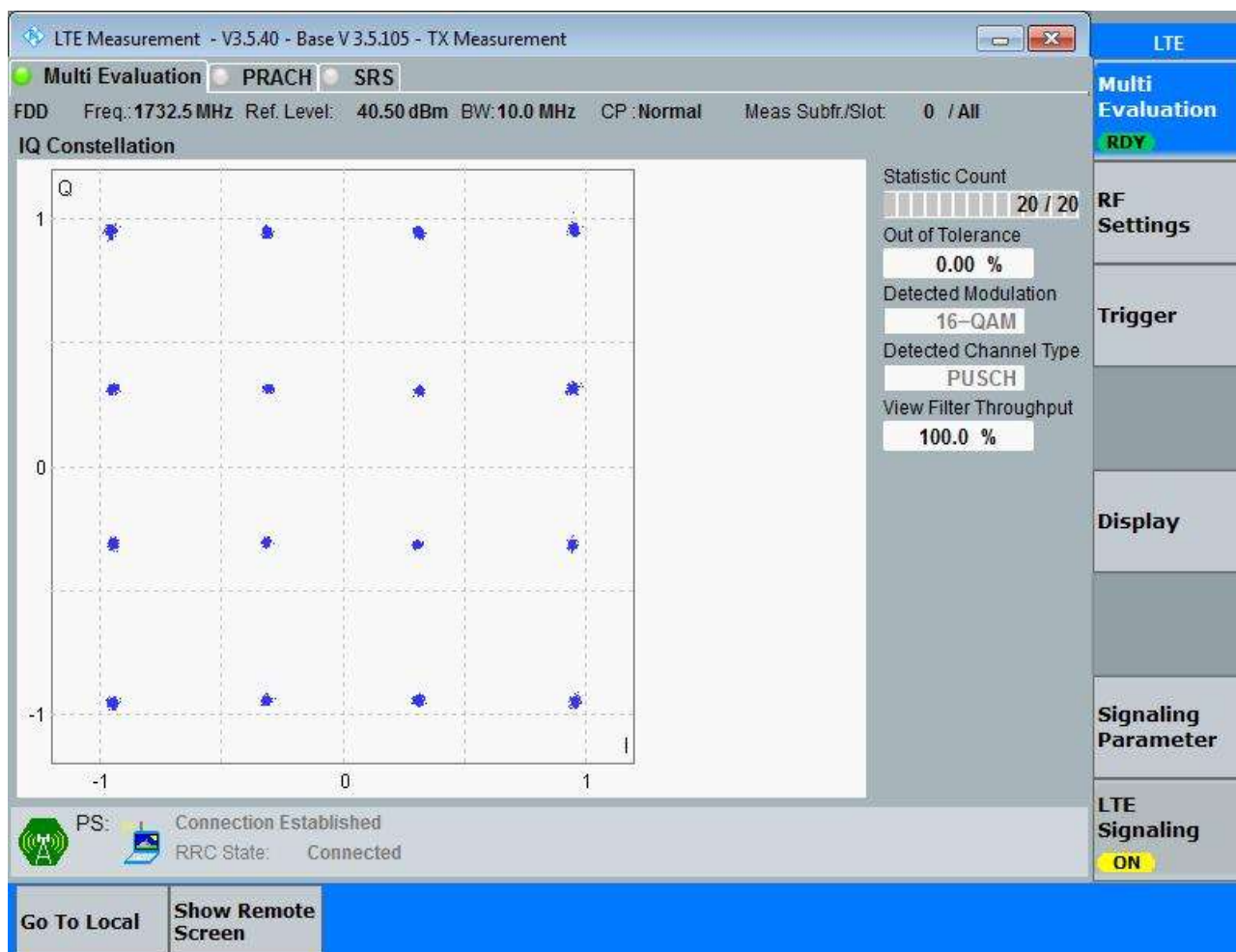
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

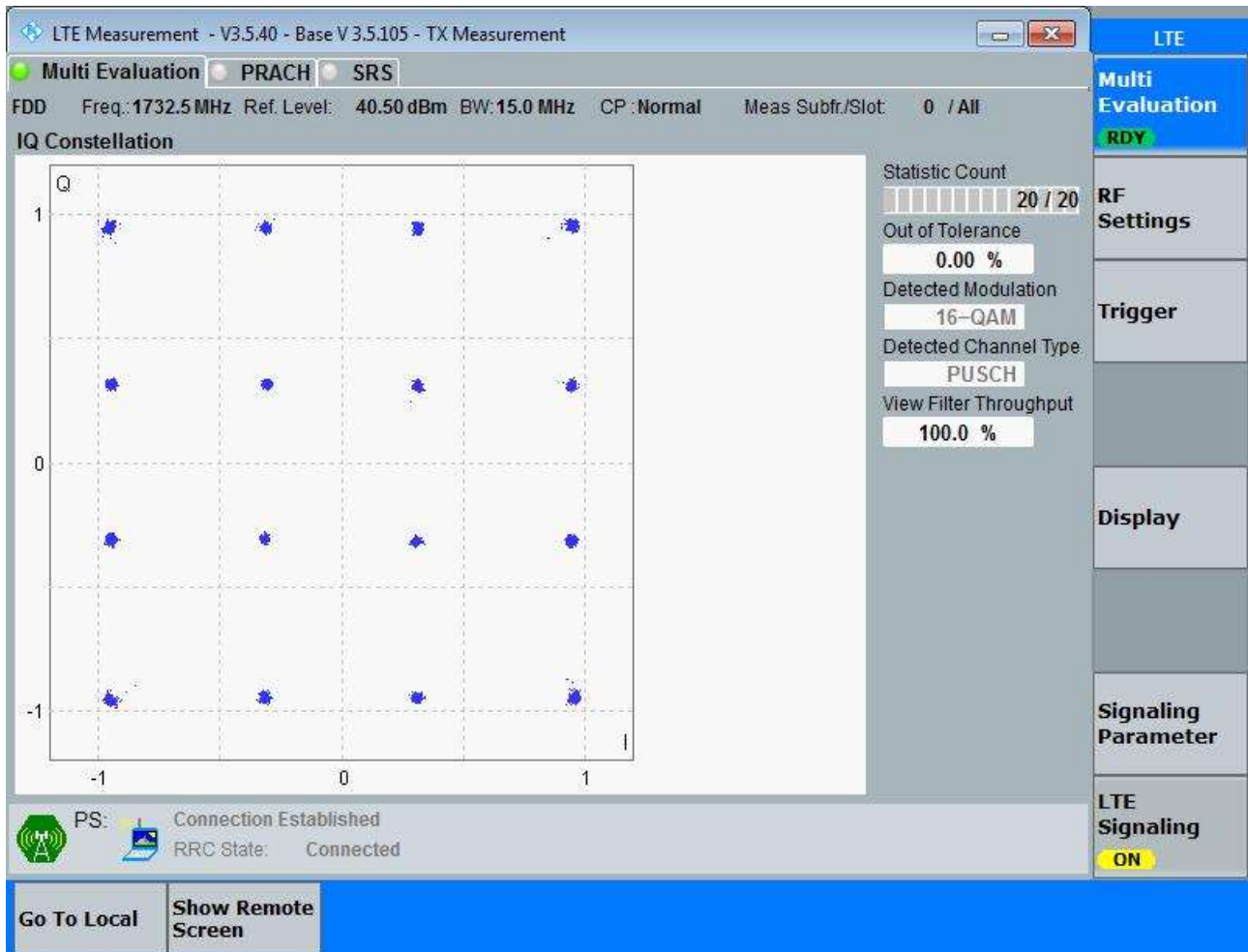
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

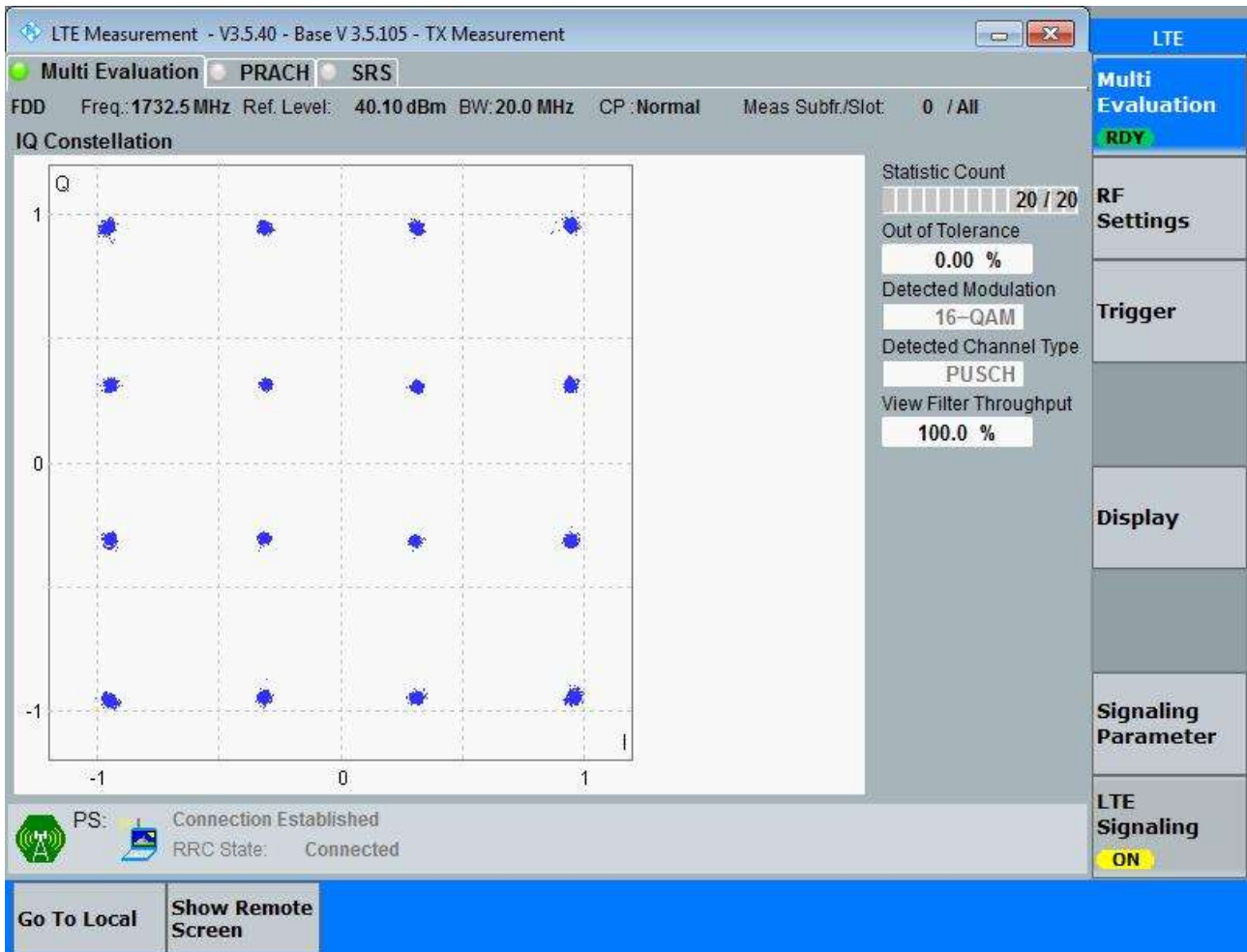
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.23	Pass
			MCH	RB6#0	1.10	1.23	Pass
			HCH	RB6#0	1.10	1.23	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.52	4.95	Pass
			MCH	RB25#0	4.51	4.94	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	9.03	9.85	Pass
			MCH	RB50#0	8.99	9.88	Pass
			HCH	RB50#0	9.01	9.89	Pass
		15	LCH	RB75#0	13.53	14.88	Pass
			MCH	RB75#0	13.50	14.92	Pass
			HCH	RB75#0	13.49	14.98	Pass
		20	LCH	RB100#0	18.01	19.79	Pass
			MCH	RB100#0	17.96	19.60	Pass
			HCH	RB100#0	18.05	19.80	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.98	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.52	4.96	Pass
			HCH	RB25#0	4.52	4.95	Pass
10		LCH	RB50#0	9.00	9.91	Pass	
		MCH	RB50#0	8.99	9.89	Pass	
		HCH	RB50#0	9.01	9.88	Pass	
15		LCH	RB75#0	13.52	14.97	Pass	
		MCH	RB75#0	13.49	14.85	Pass	
		HCH	RB75#0	13.51	14.94	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	18.01	19.71	Pass
			MCH	RB100#0	17.96	19.82	Pass
			HCH	RB100#0	18.03	19.70	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



4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

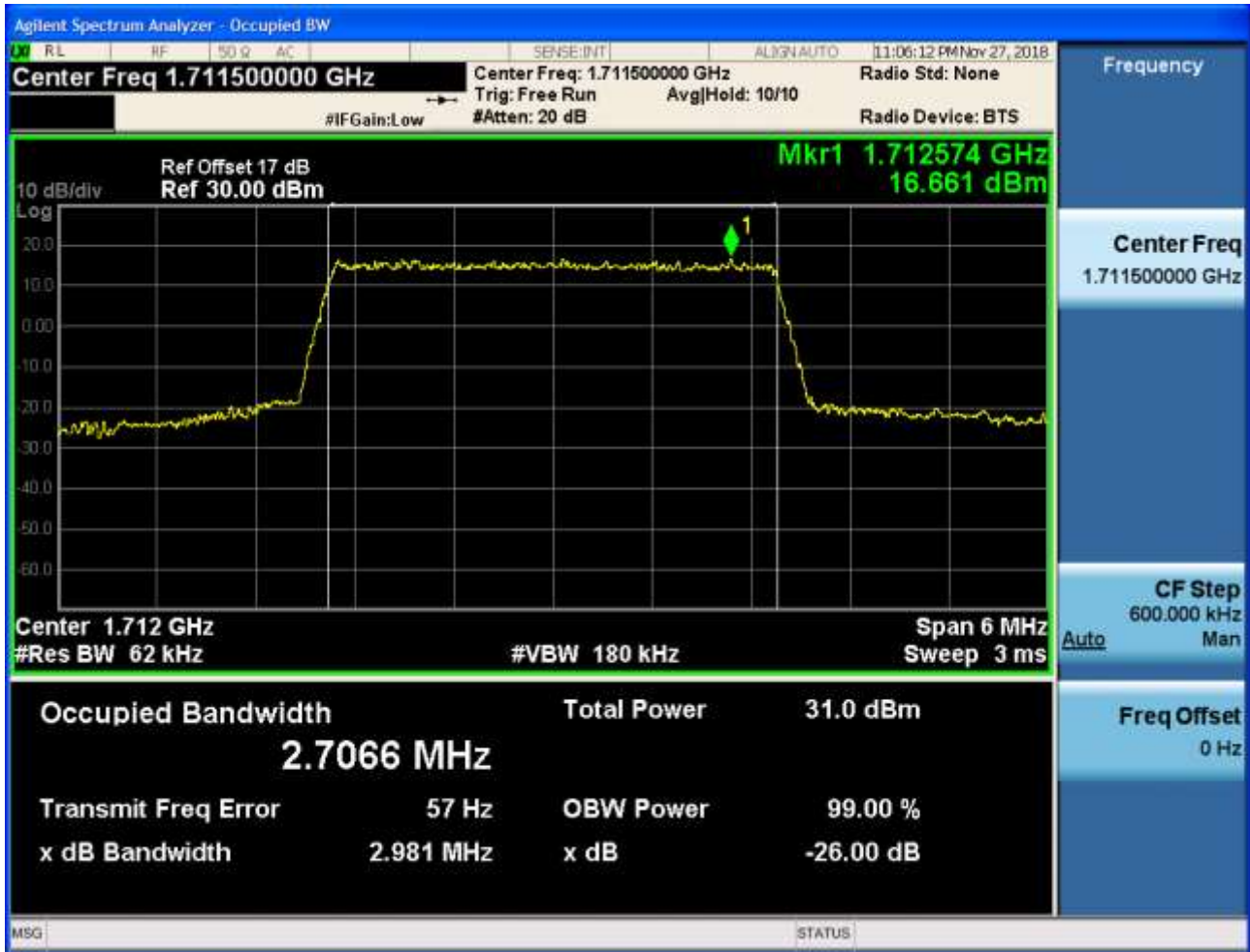
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

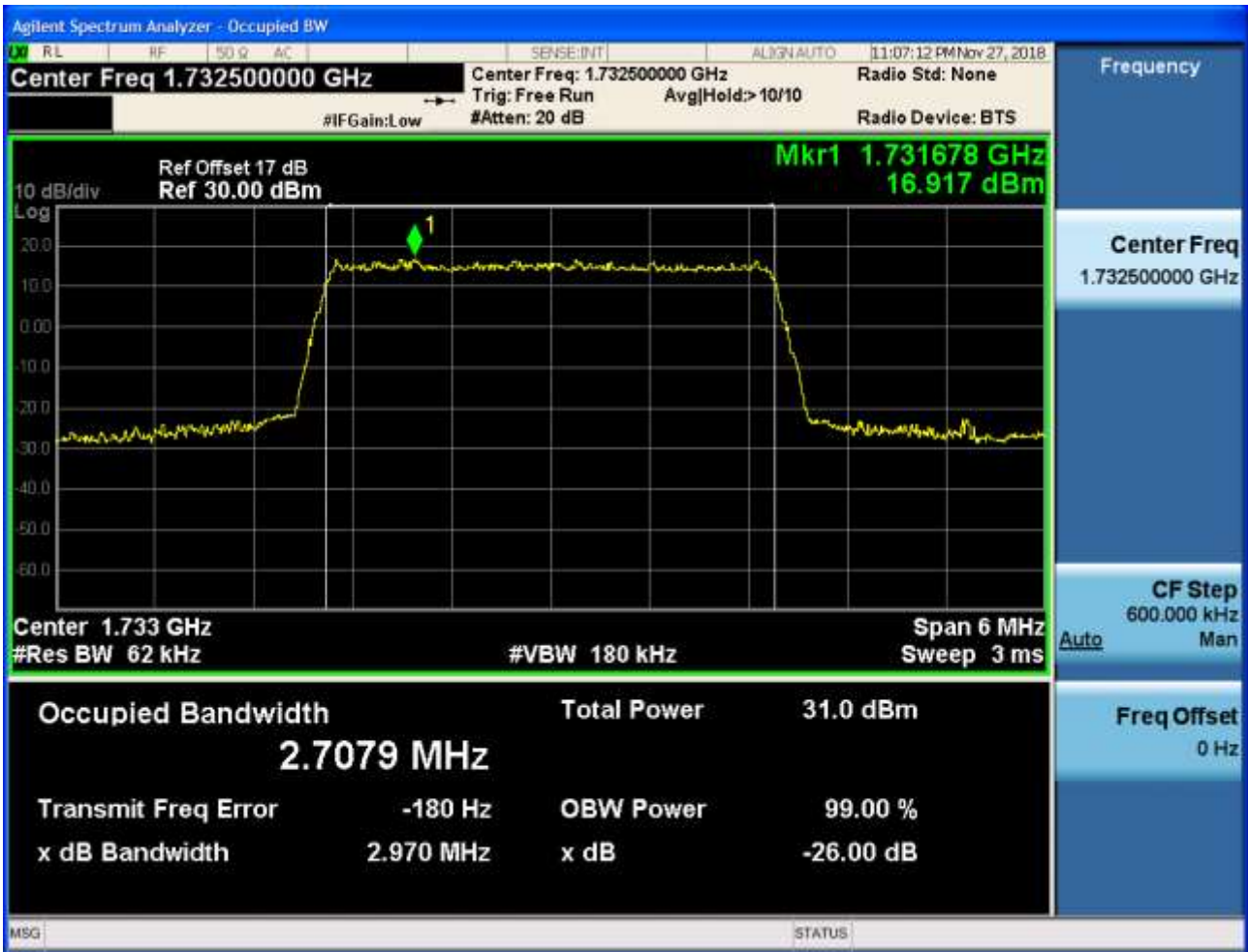
4.1.1.1.2.1 Test Channel = LCH

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

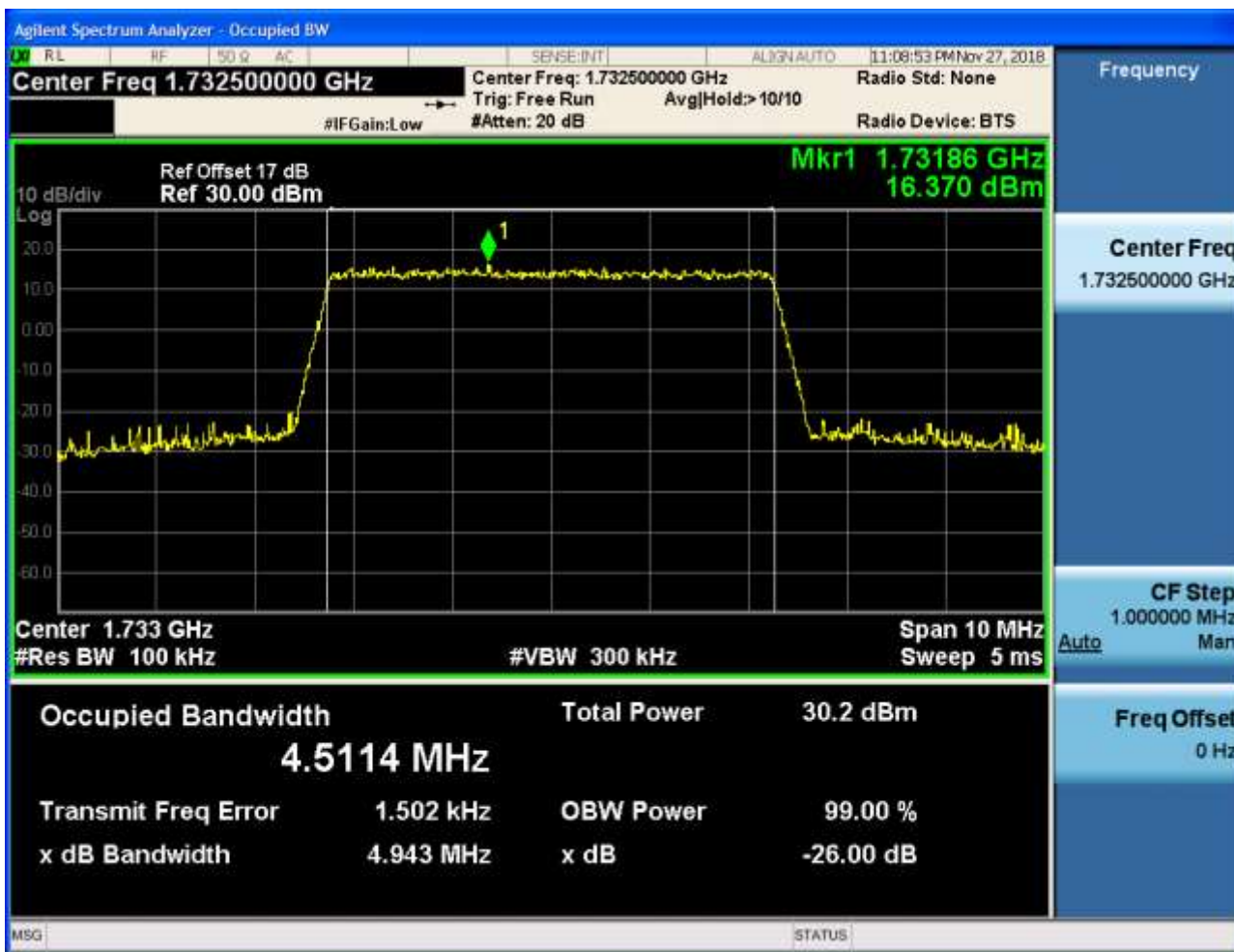
4.1.1.1.3.1 Test Channel = LCH

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

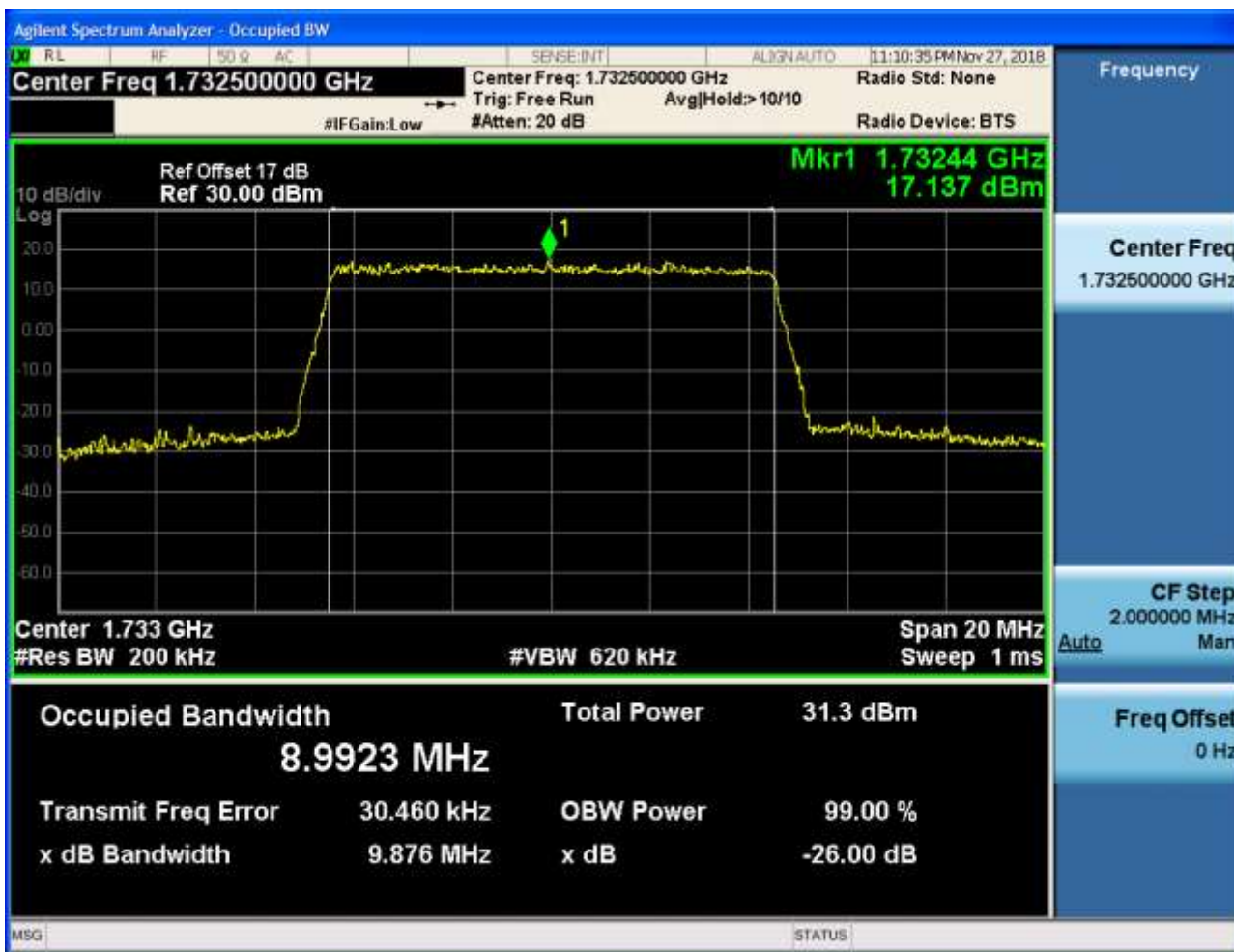
4.1.1.1.4.1 Test Channel = LCH

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

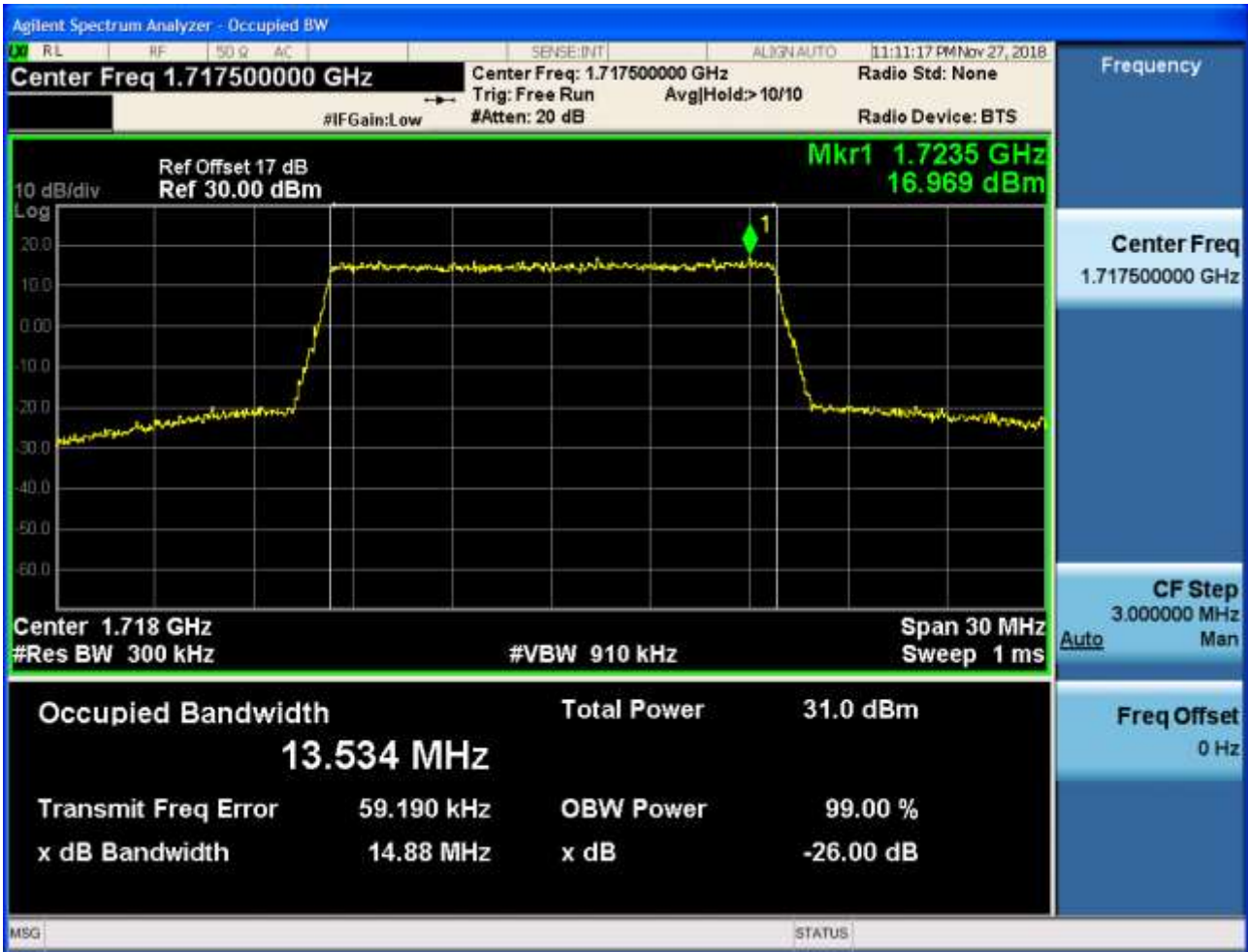
4.1.1.1.4.3.1 Test RB = RB50#0



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

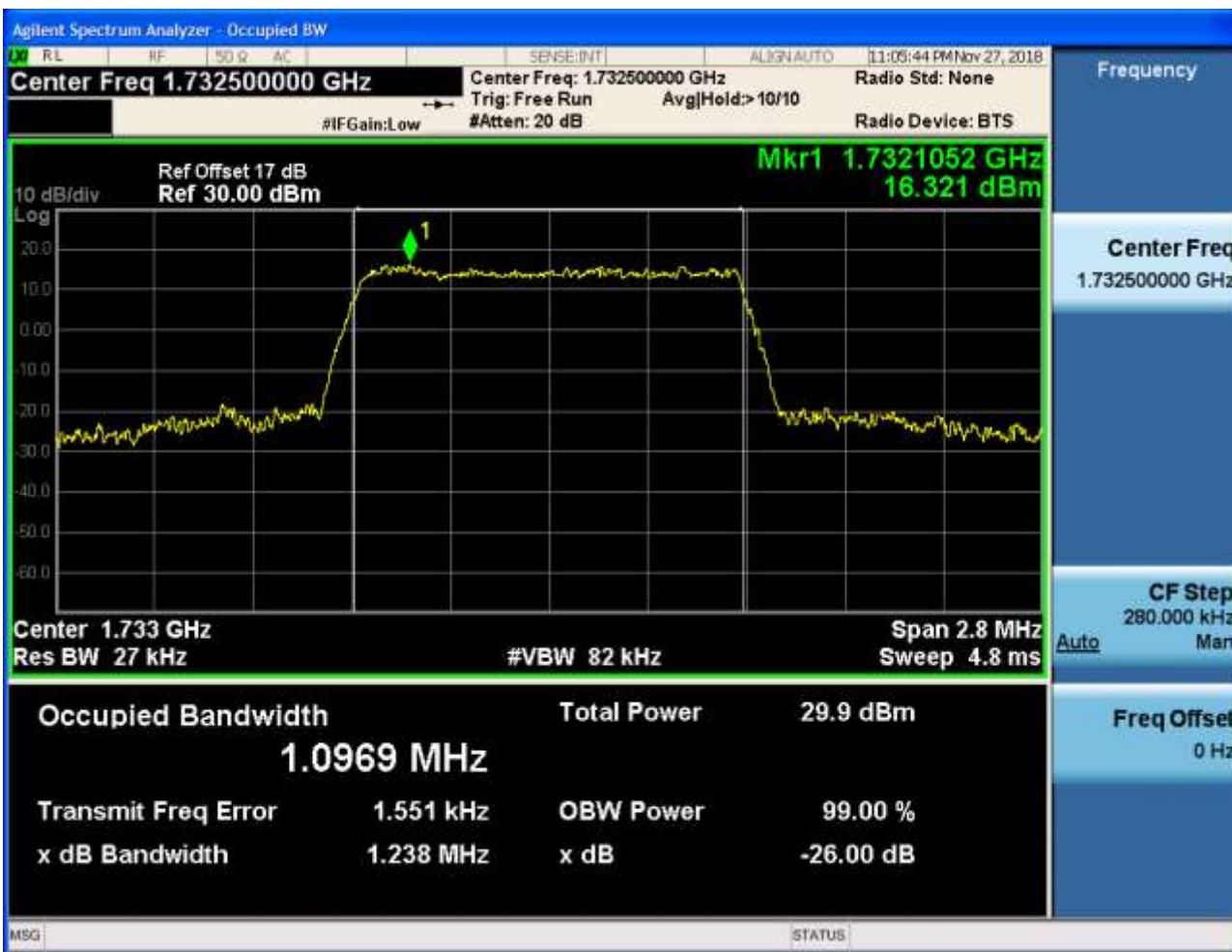
4.1.1.2.1.1 Test Channel = LCH

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

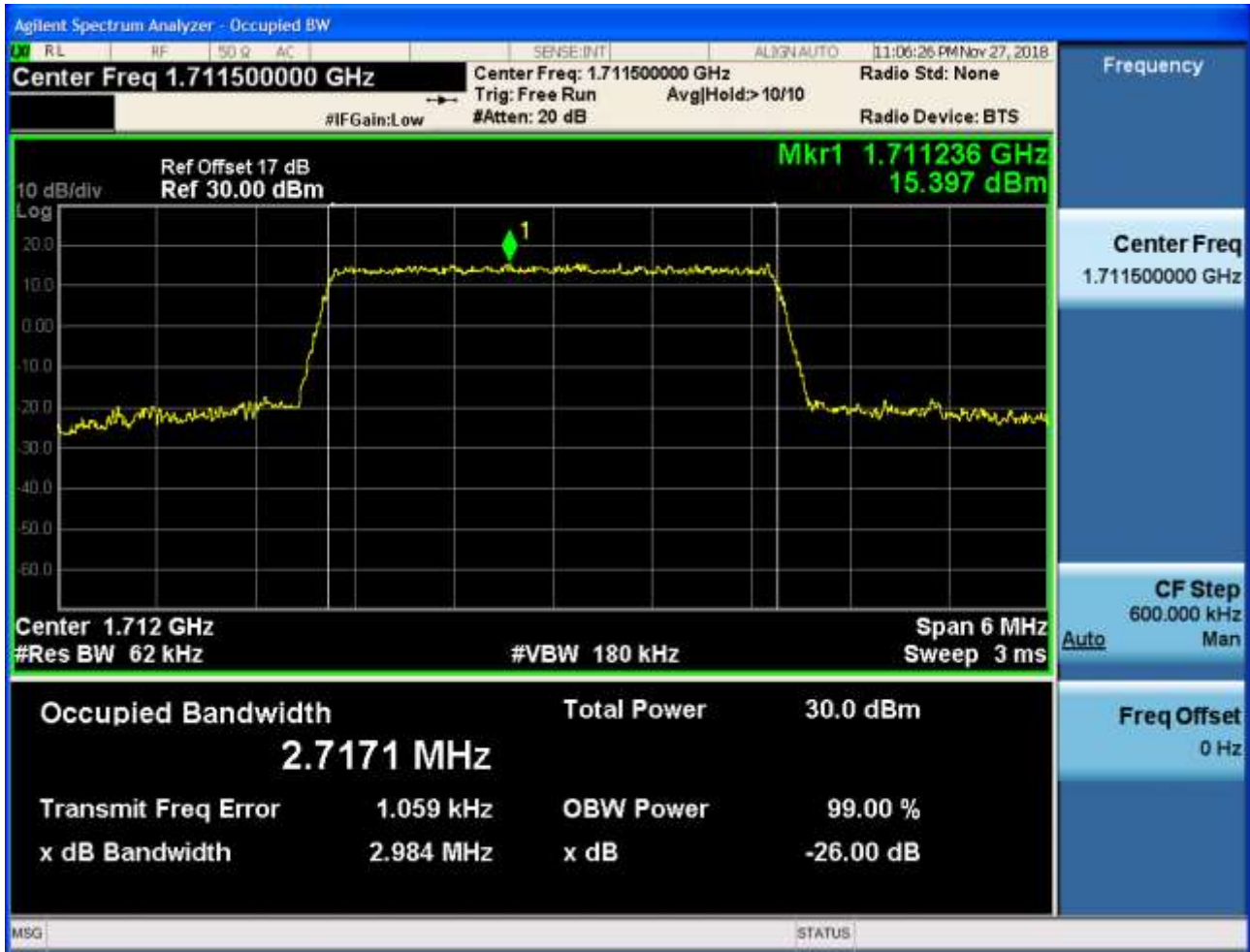
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

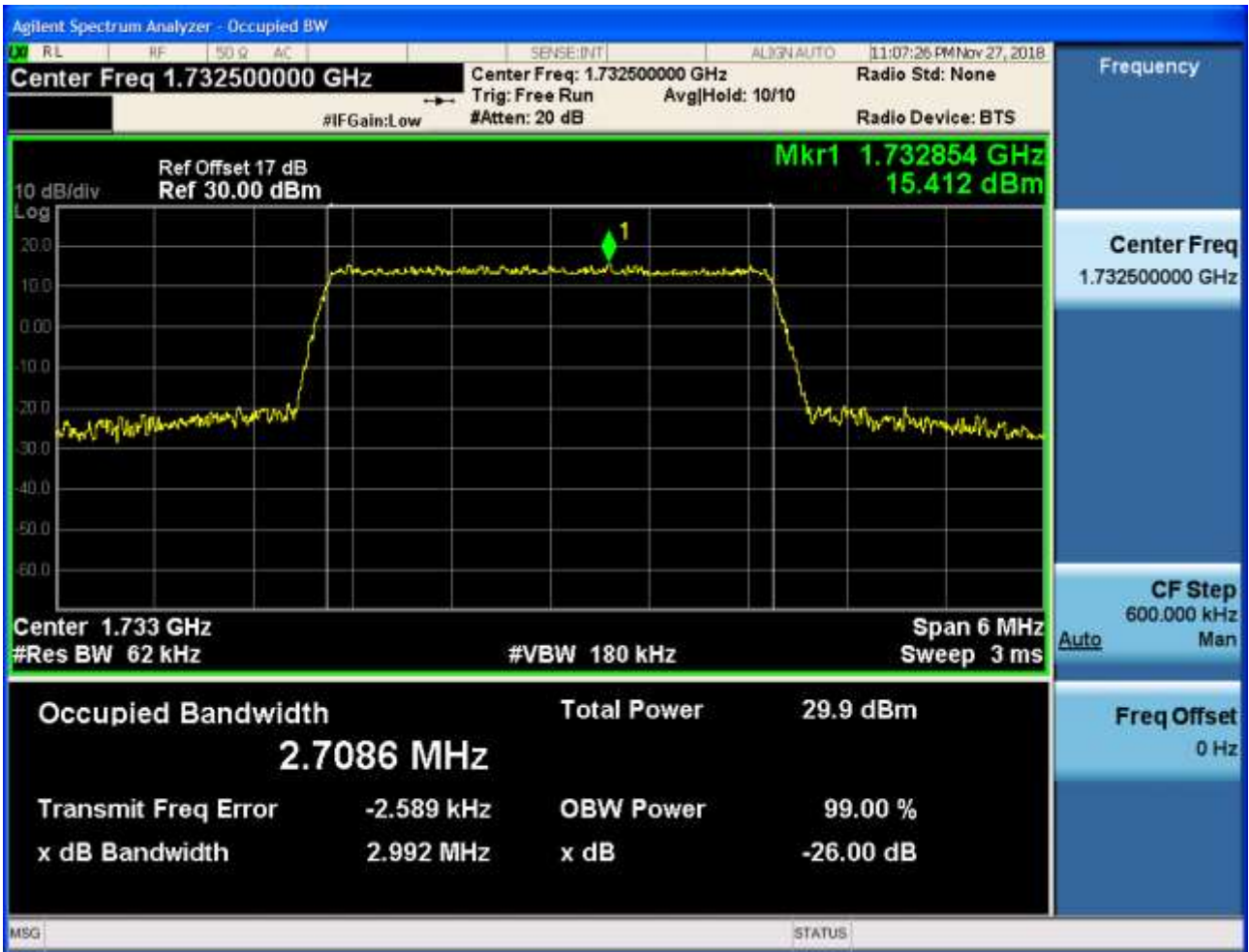
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



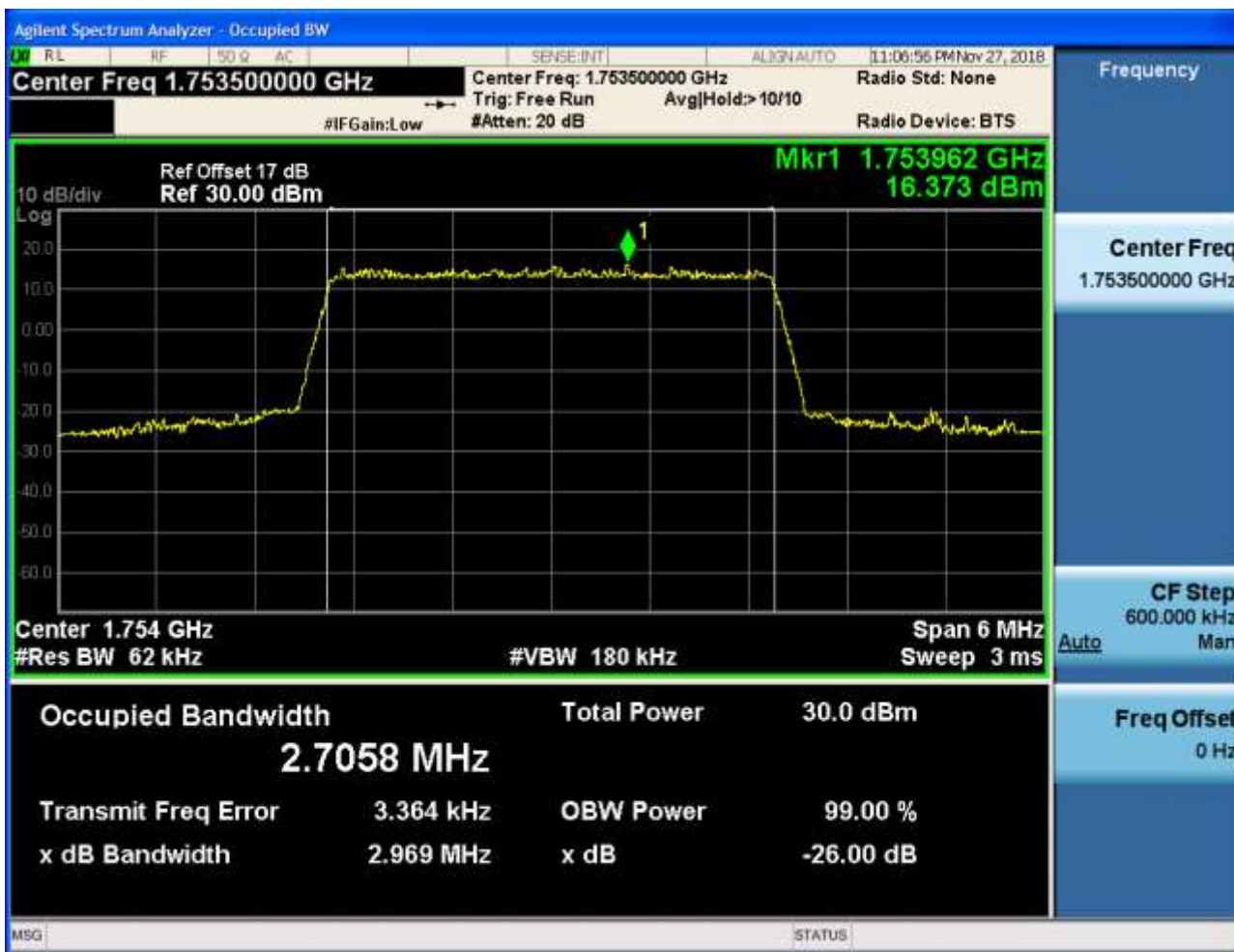
4.1.1.2.2 Test Channel = MCH

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



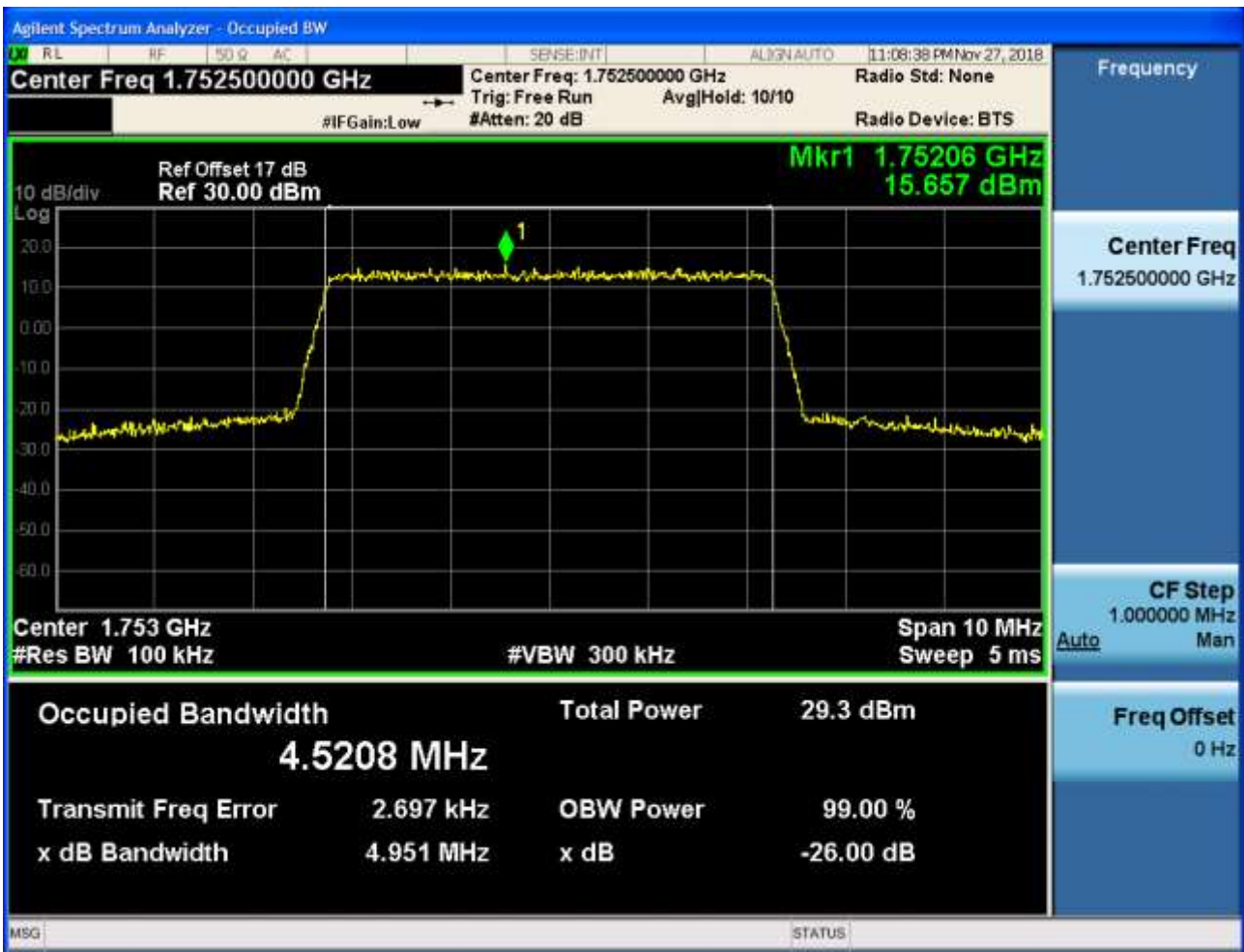
4.1.1.2.3.2 Test Channel = MCH

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

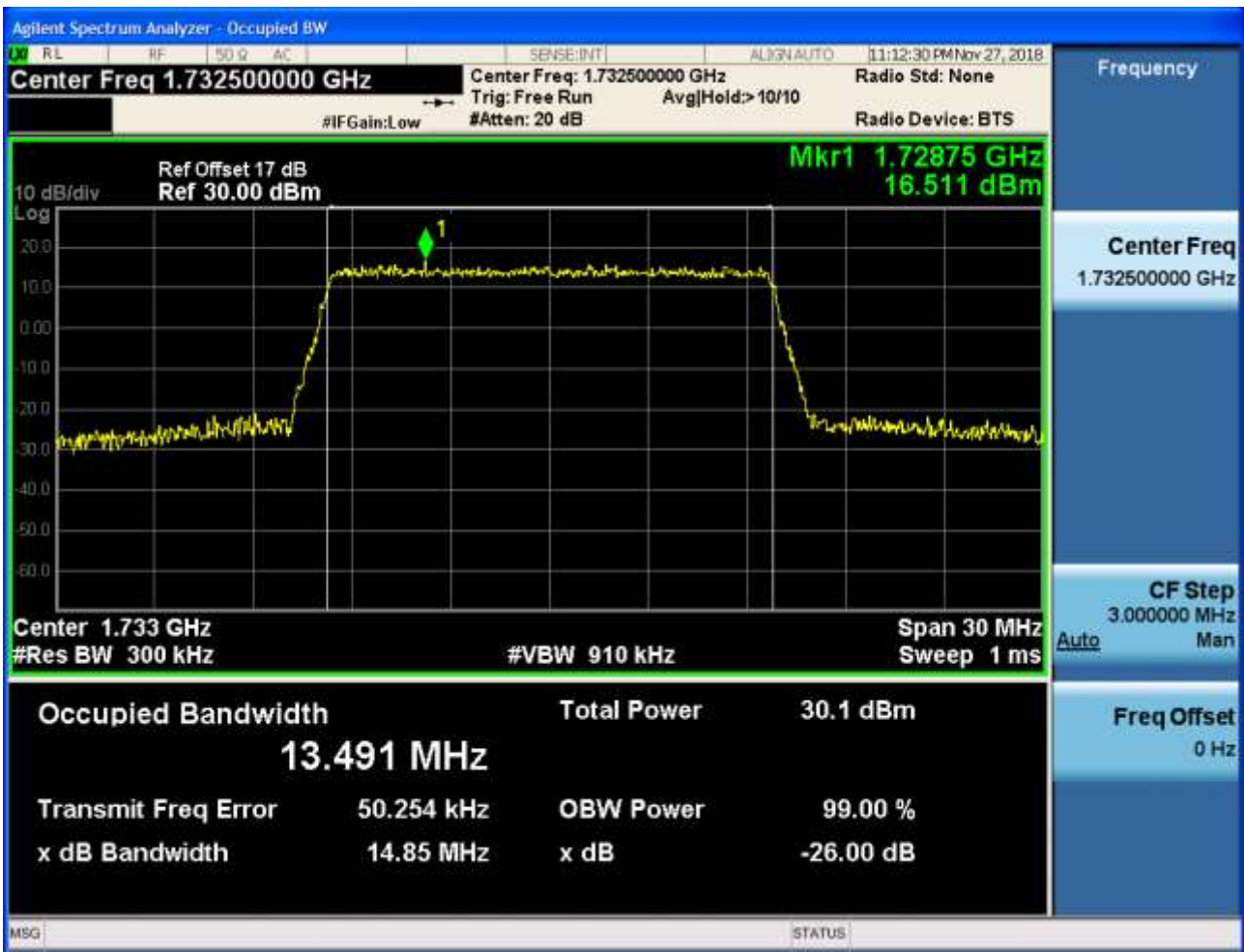
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



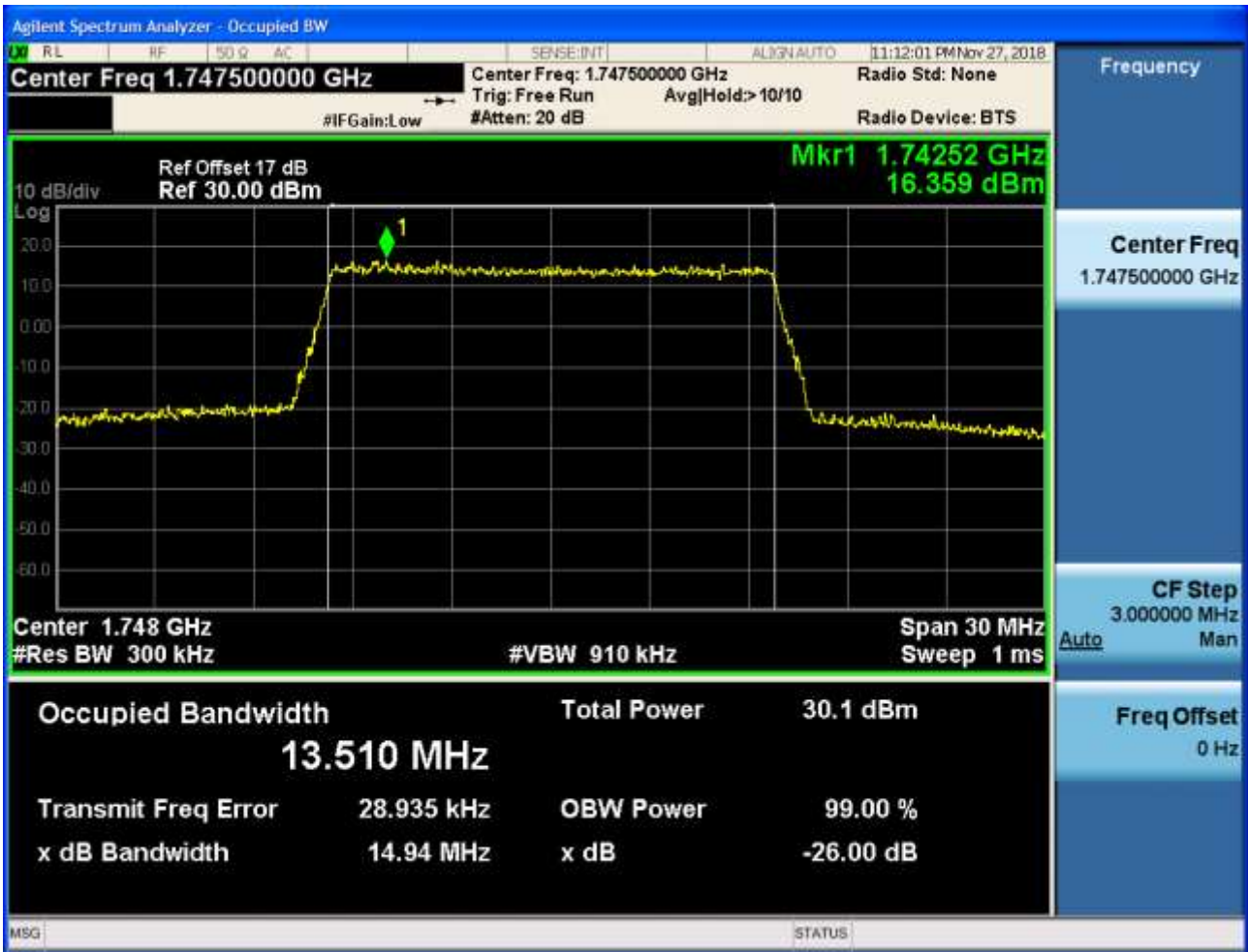
4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0



4.1.1.2.5.3 Test Channel = HCH

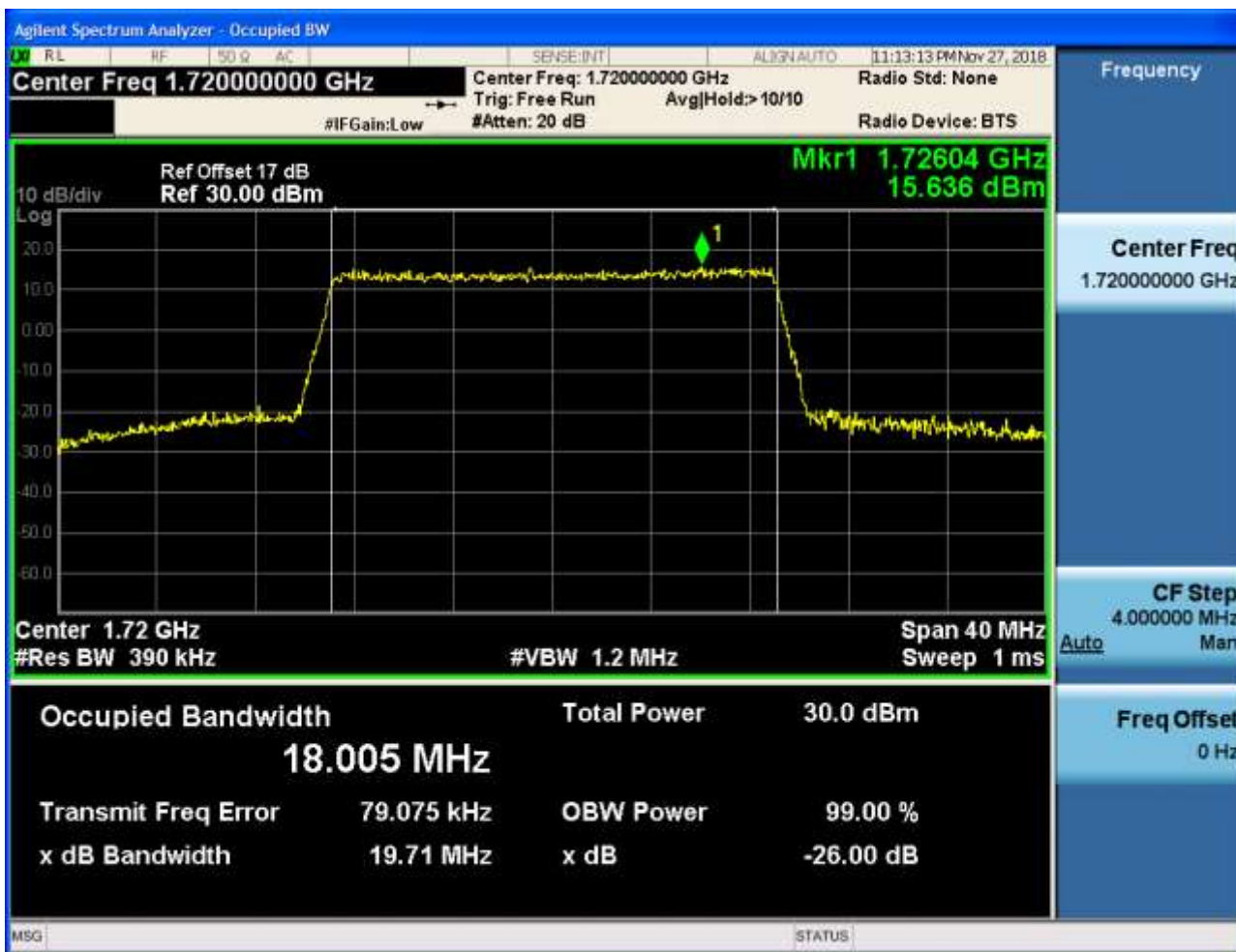
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

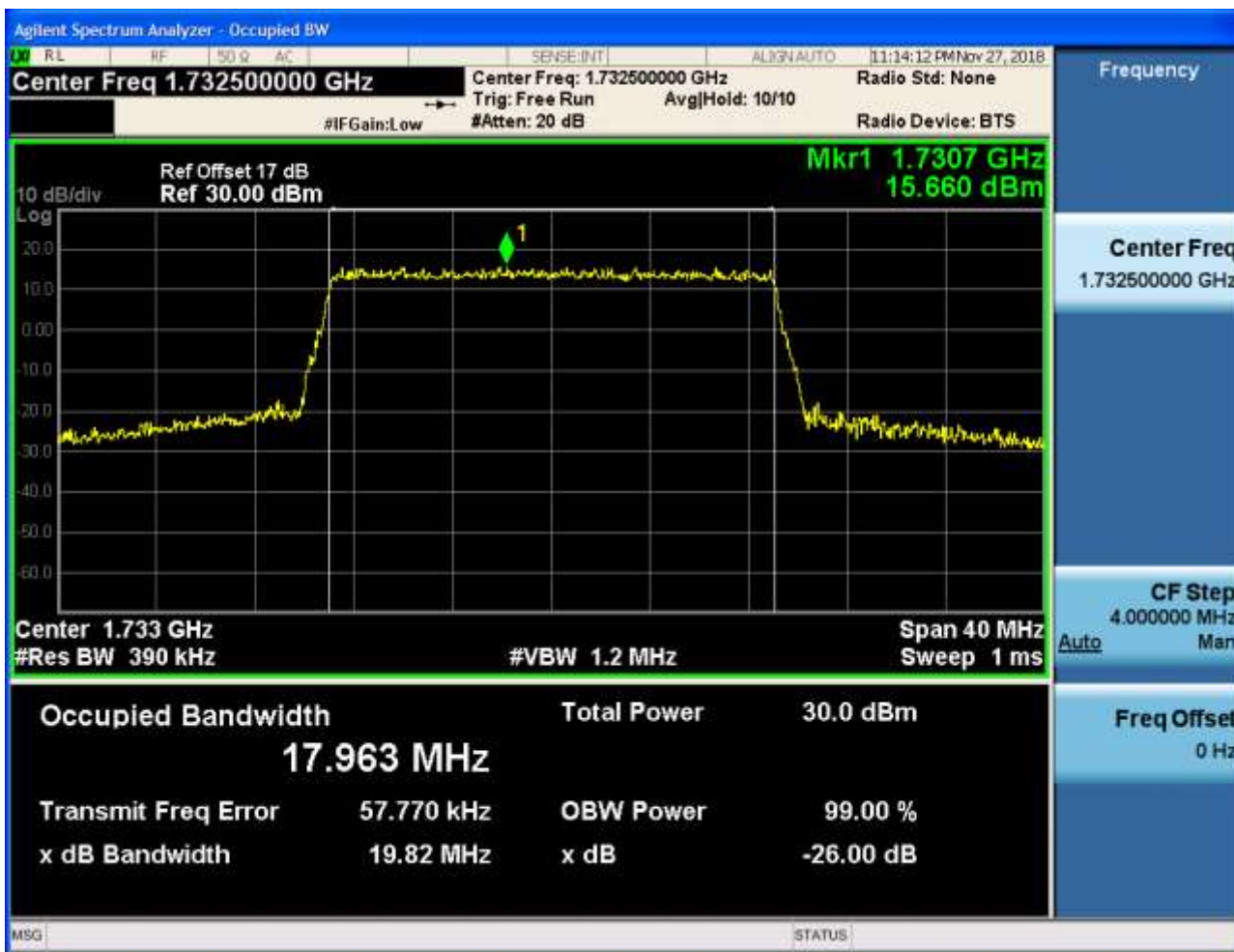
4.1.1.2.6.1 Test Channel = LCH

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

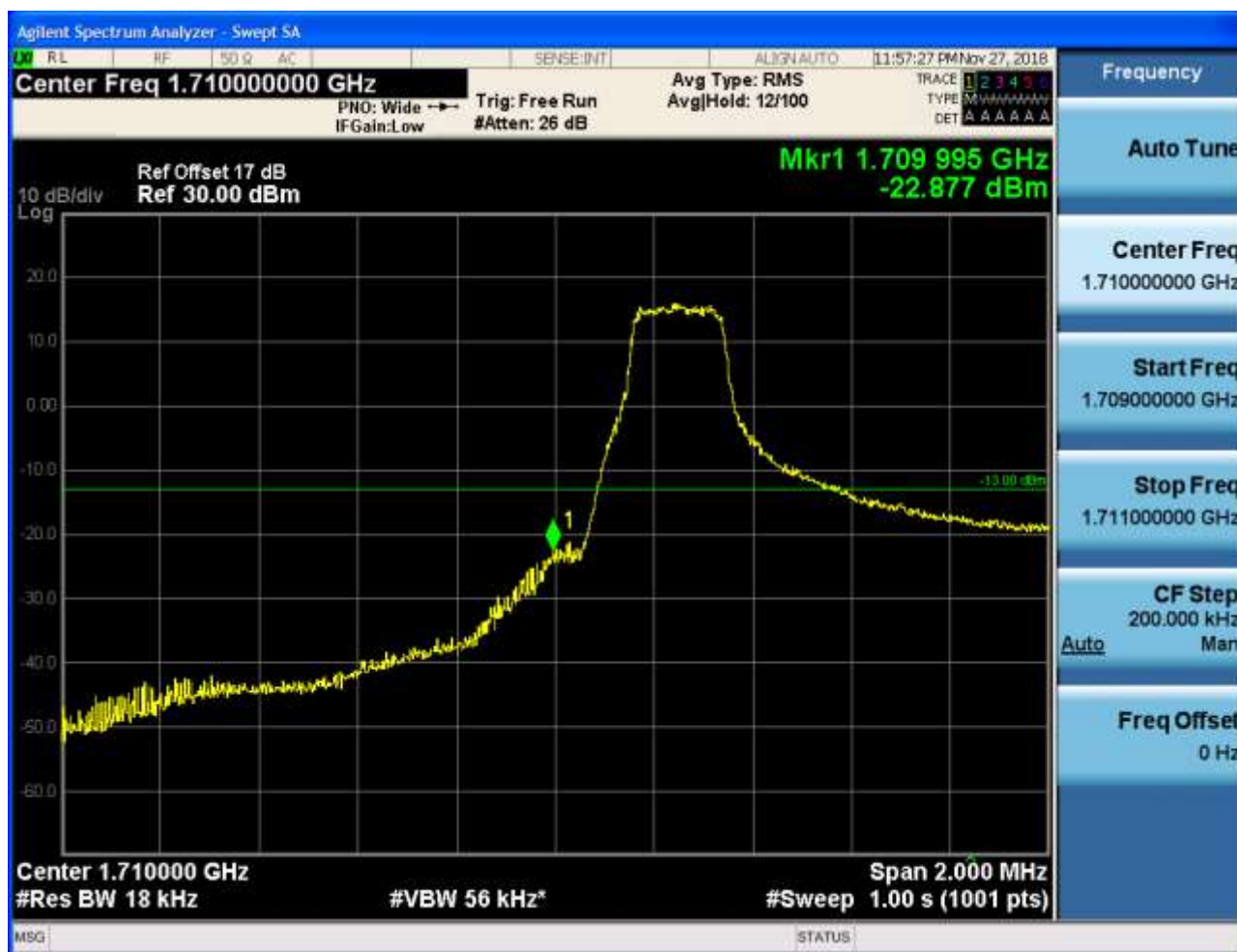
5.1.1 Test Band = Band4

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



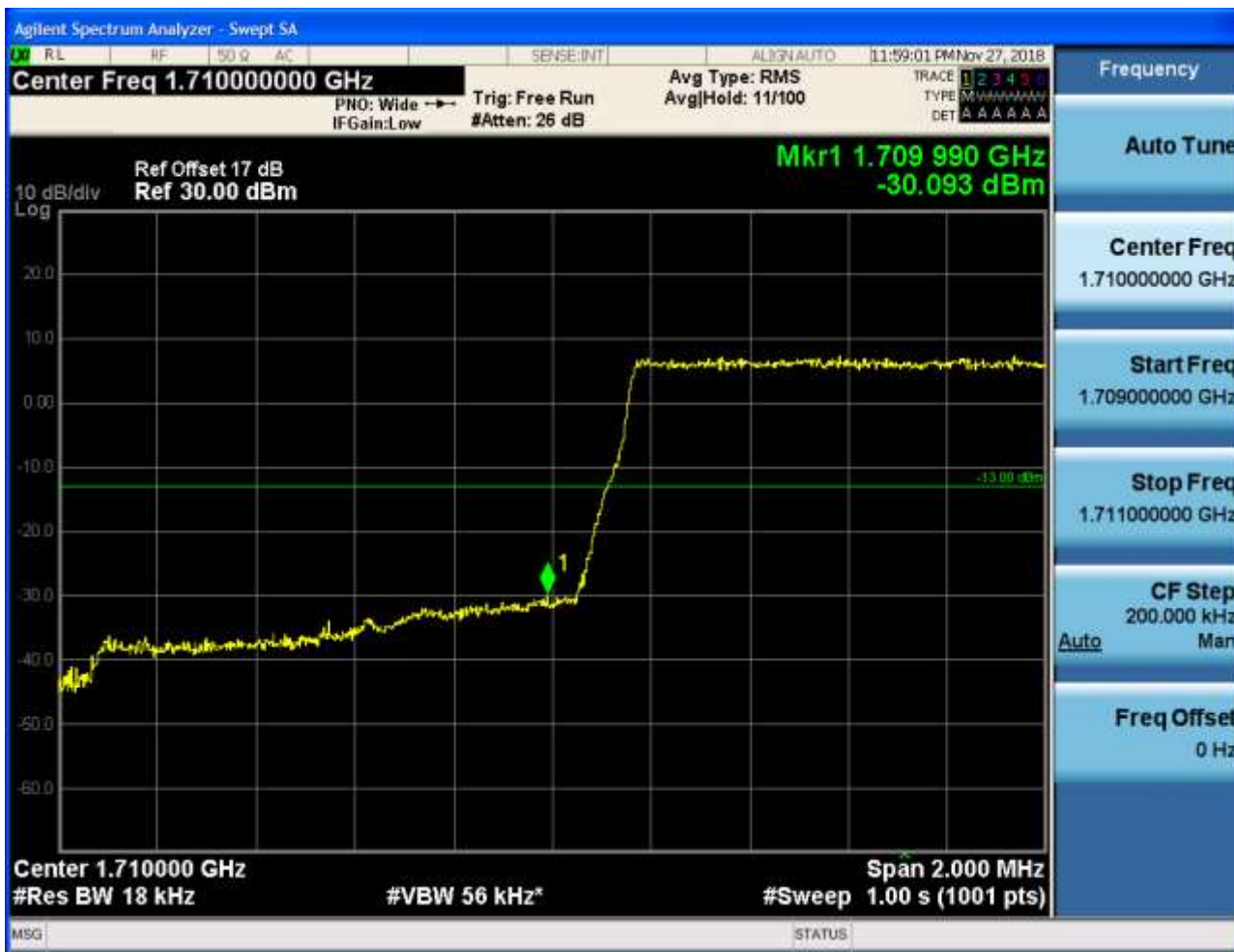
5.1.1.1.1.2 Test RB = RB1#5



5.1.1.1.1.3 Test RB = RB3#2



5.1.1.1.1.4 Test RB = RB6#0

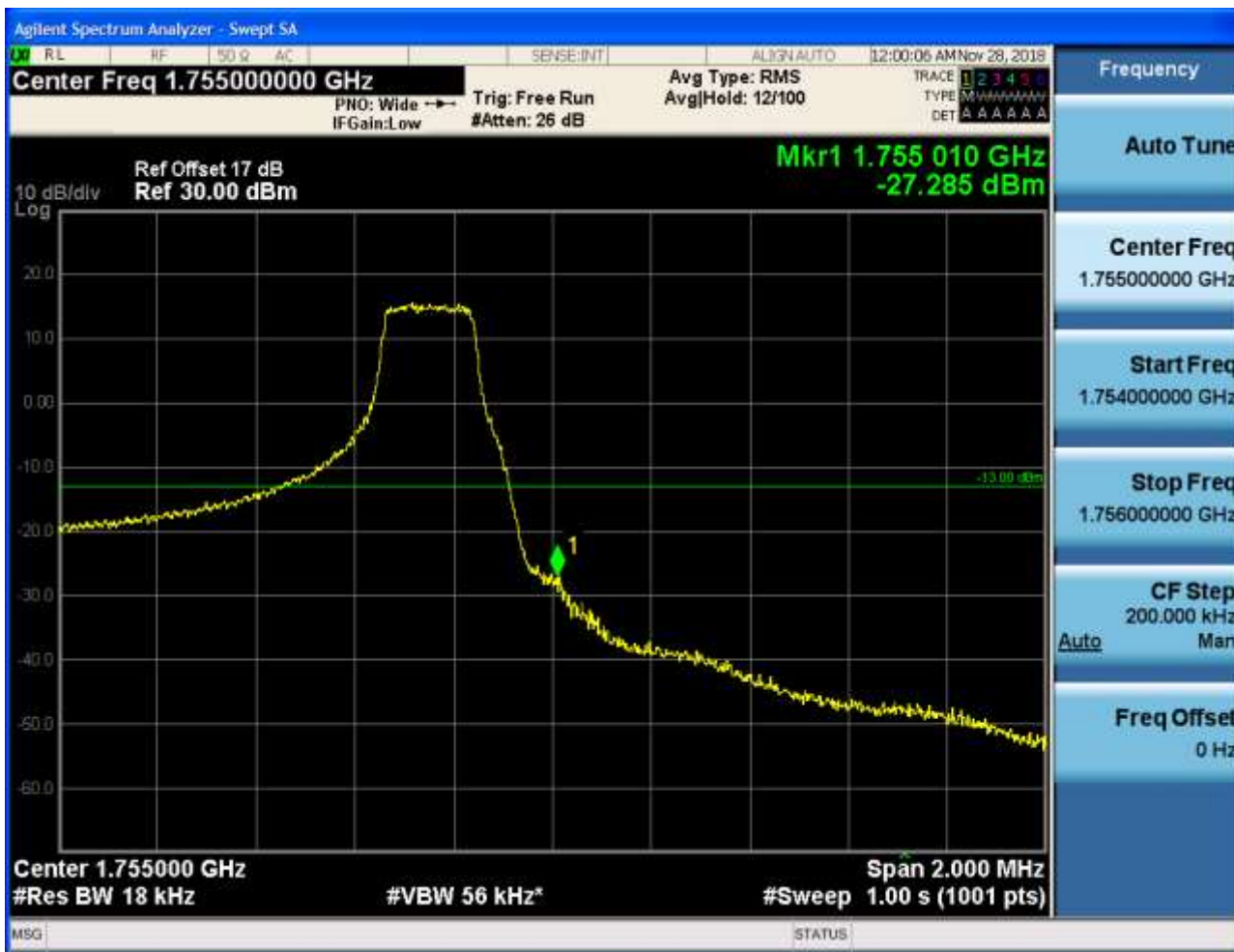


5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.2.2 Test RB = RB1#5





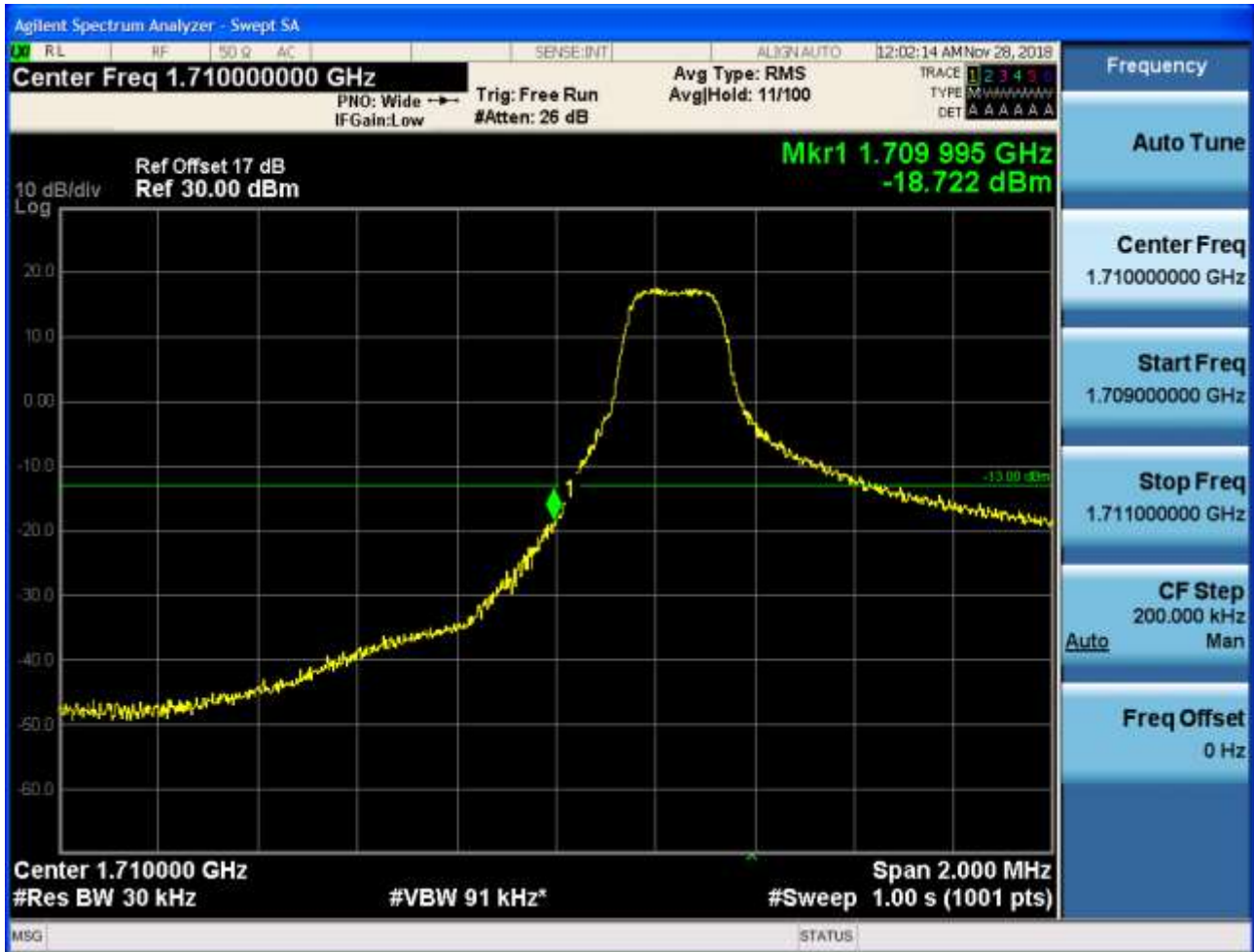
5.1.1.1.2.4 Test RB = RB6#0



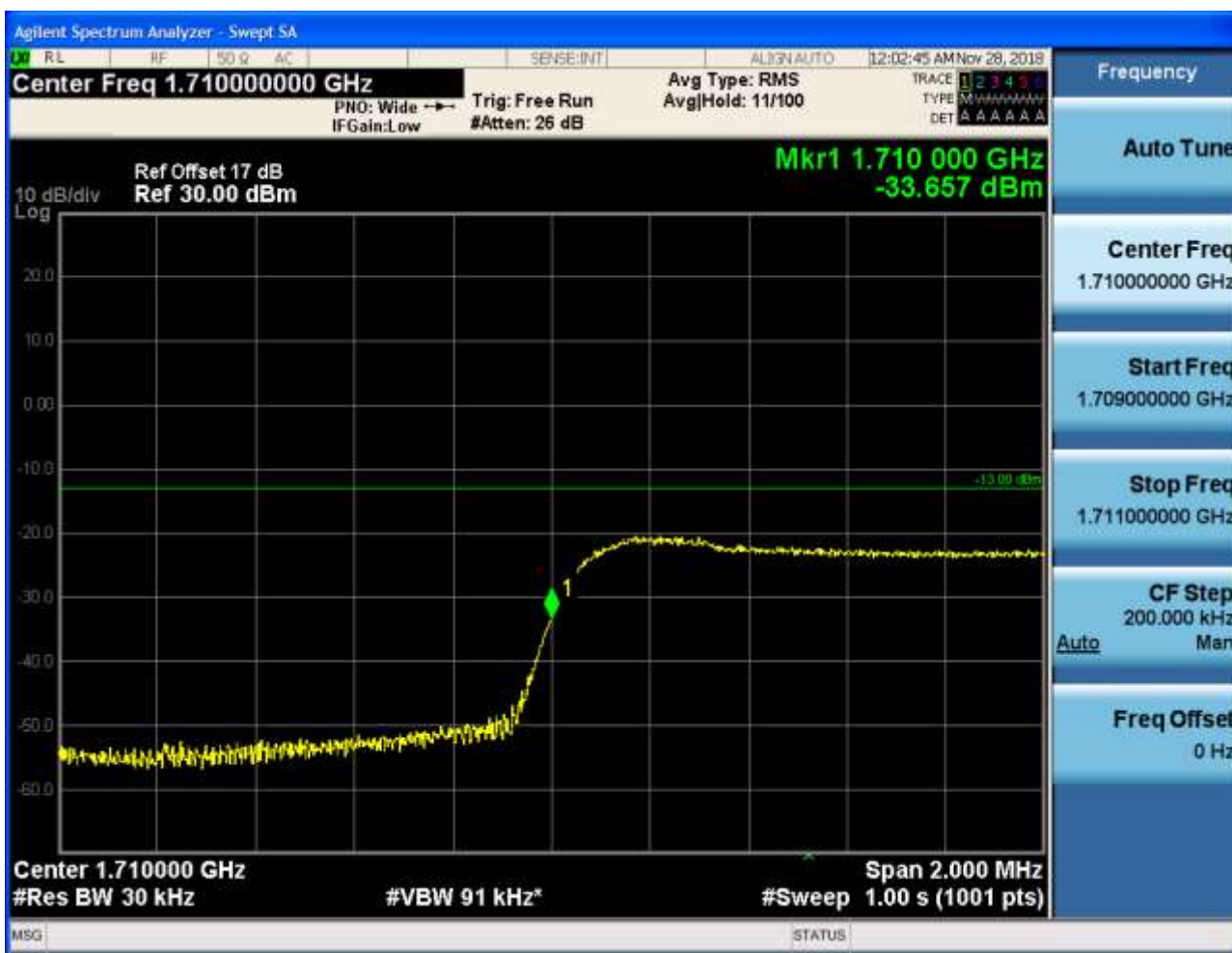
5.1.1.1.2 Test Bandwidth = 3

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

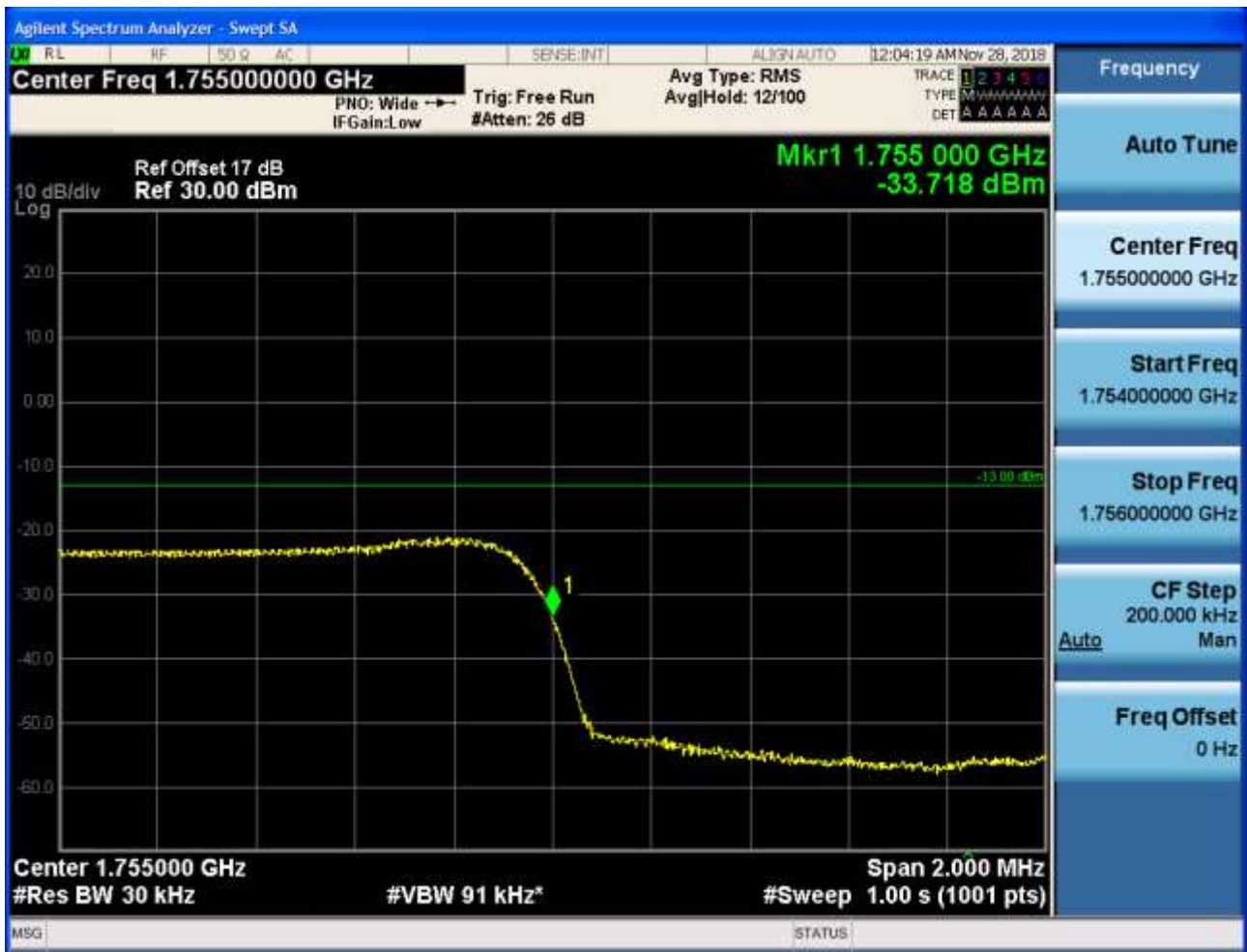


5.1.1.1.2.1.4 Test RB = RB15#0



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



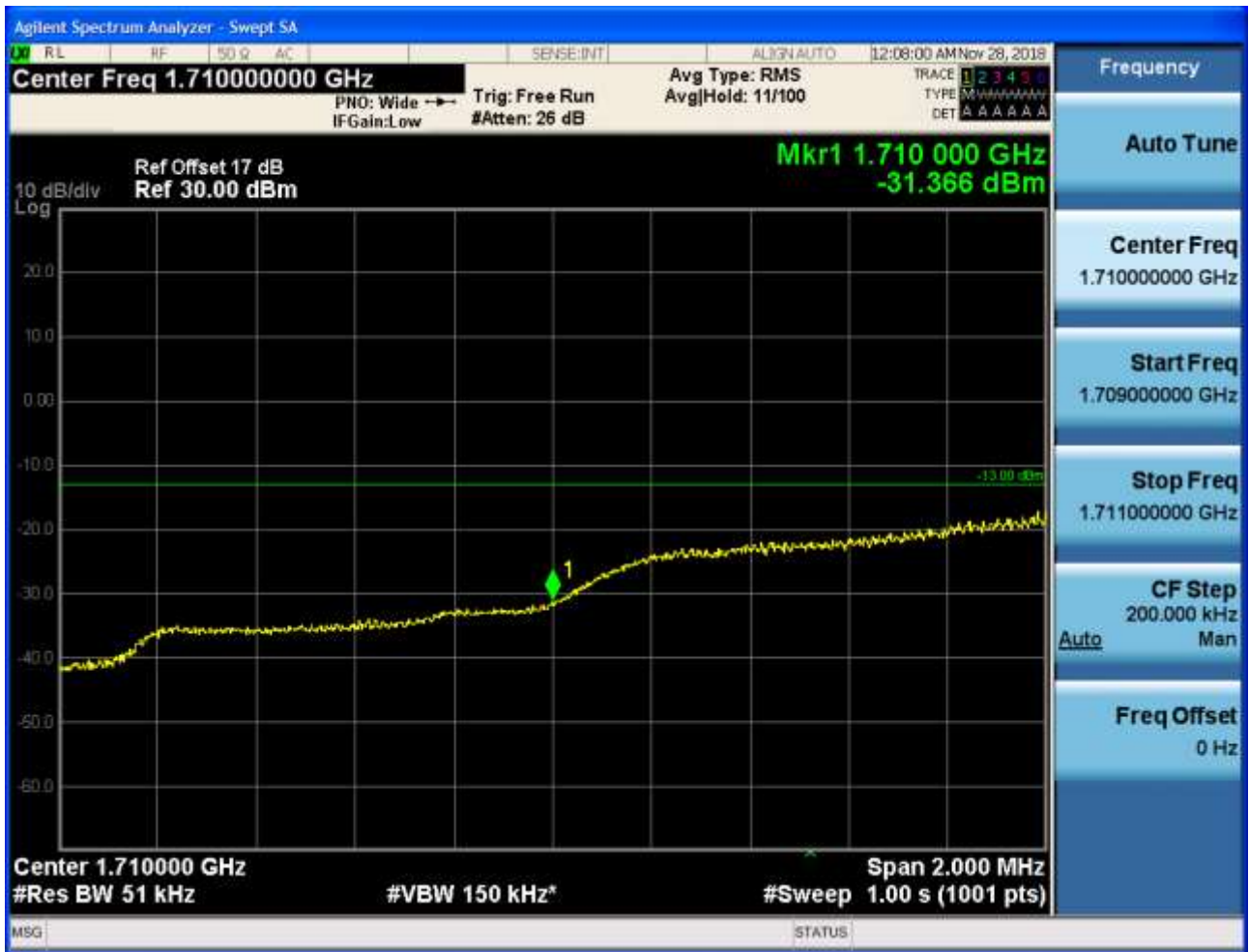


5.1.1.1.3.1.2 Test RB = RB1#24





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

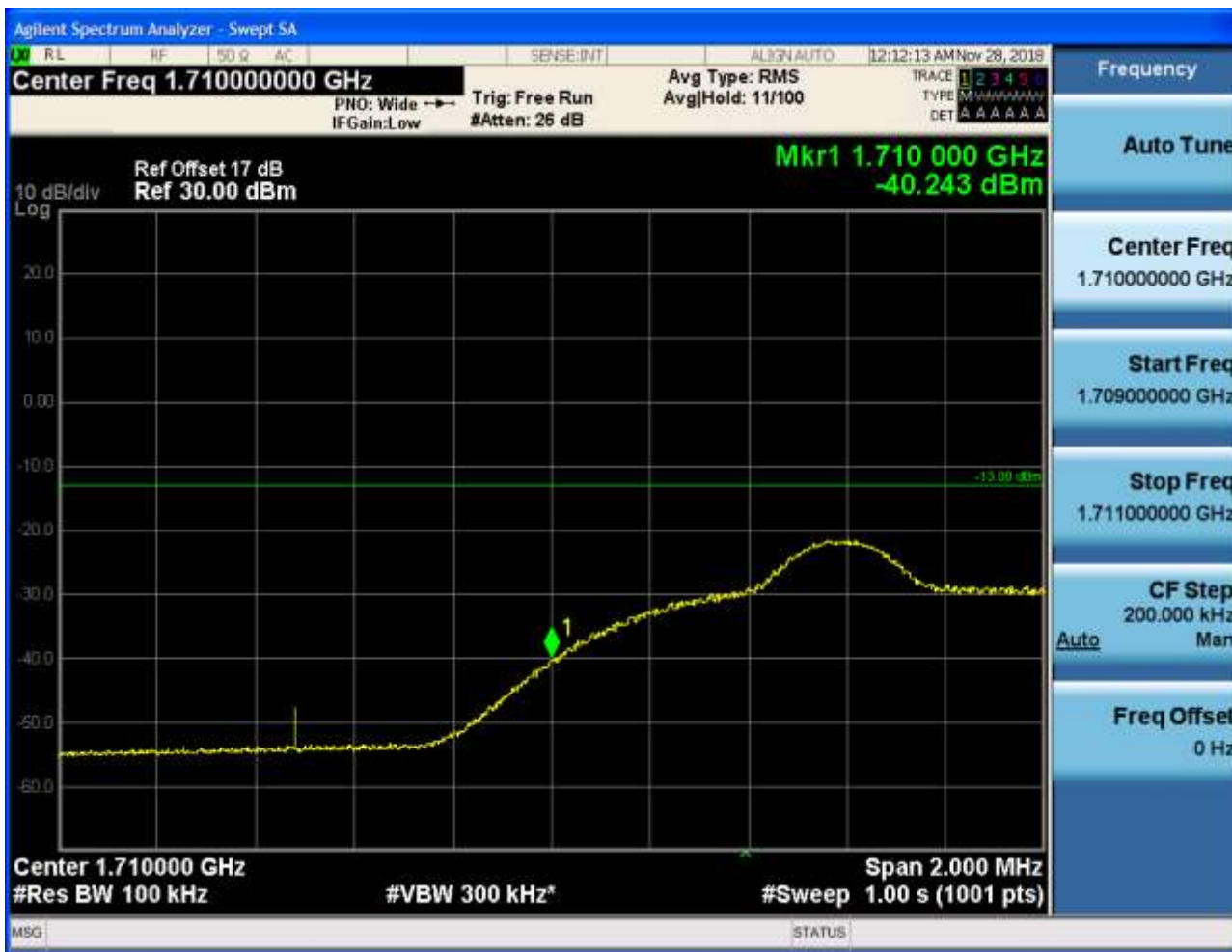
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0

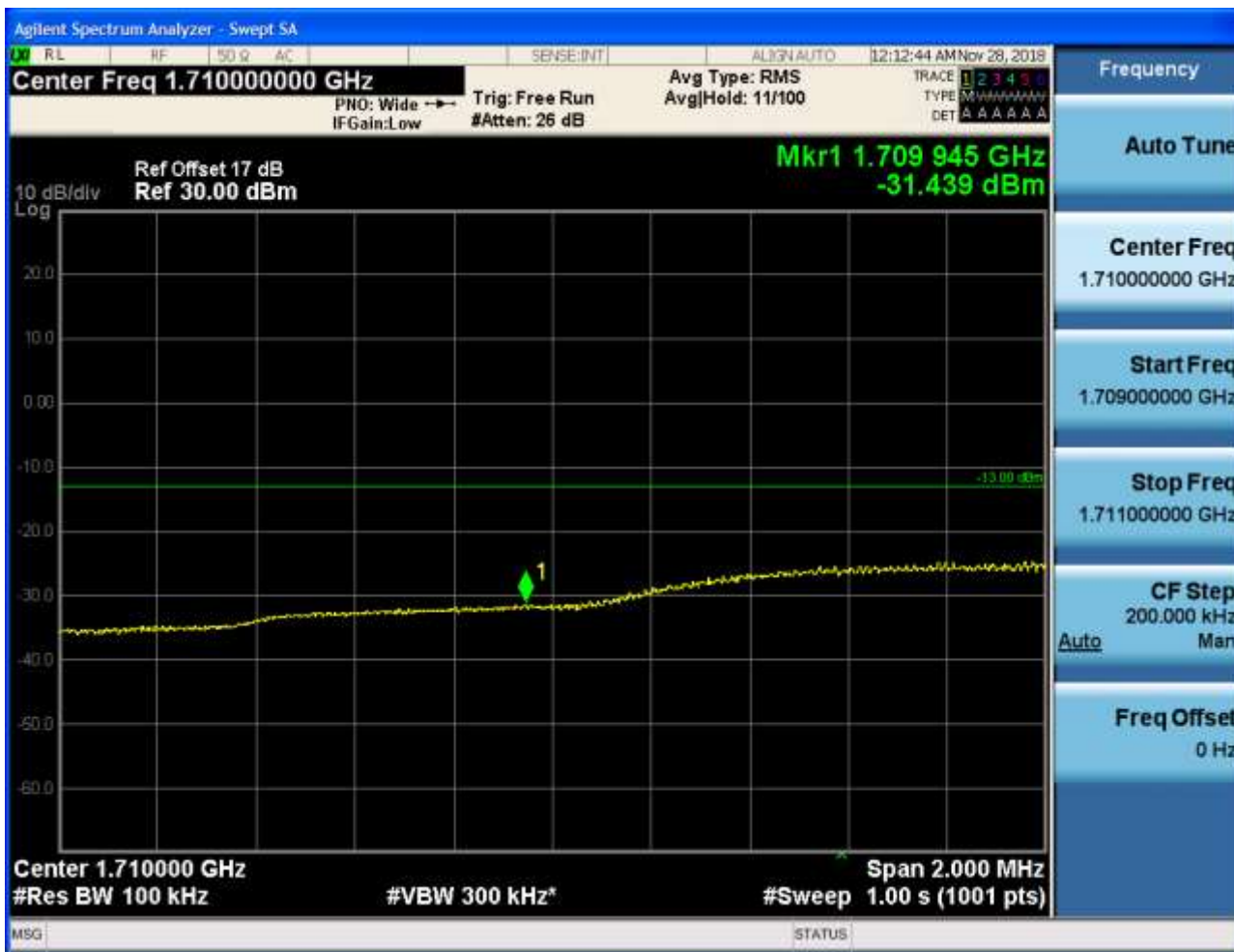




5.1.1.1.4.1.2 Test RB = RB1#49

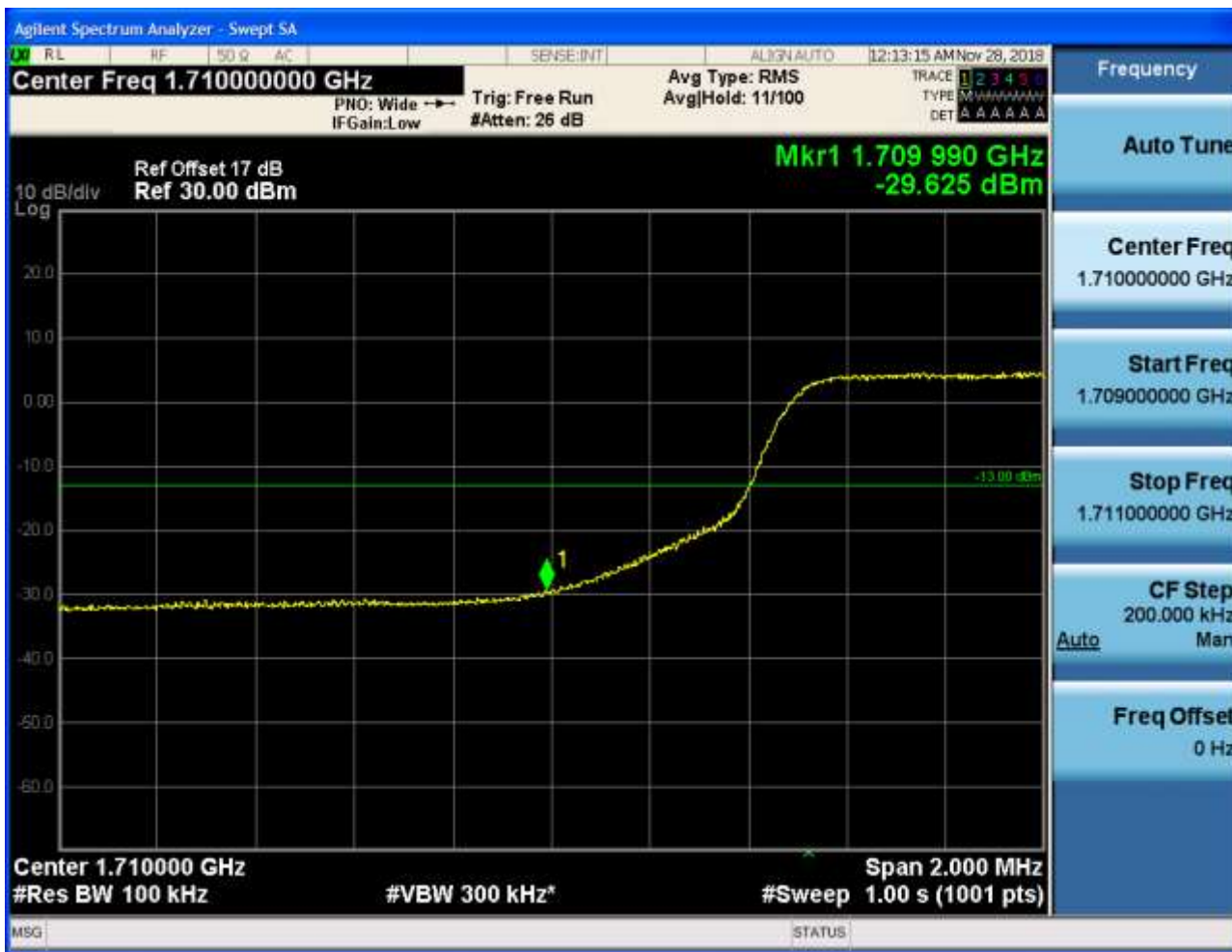


5.1.1.1.4.1.3 Test RB = RB25#13





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



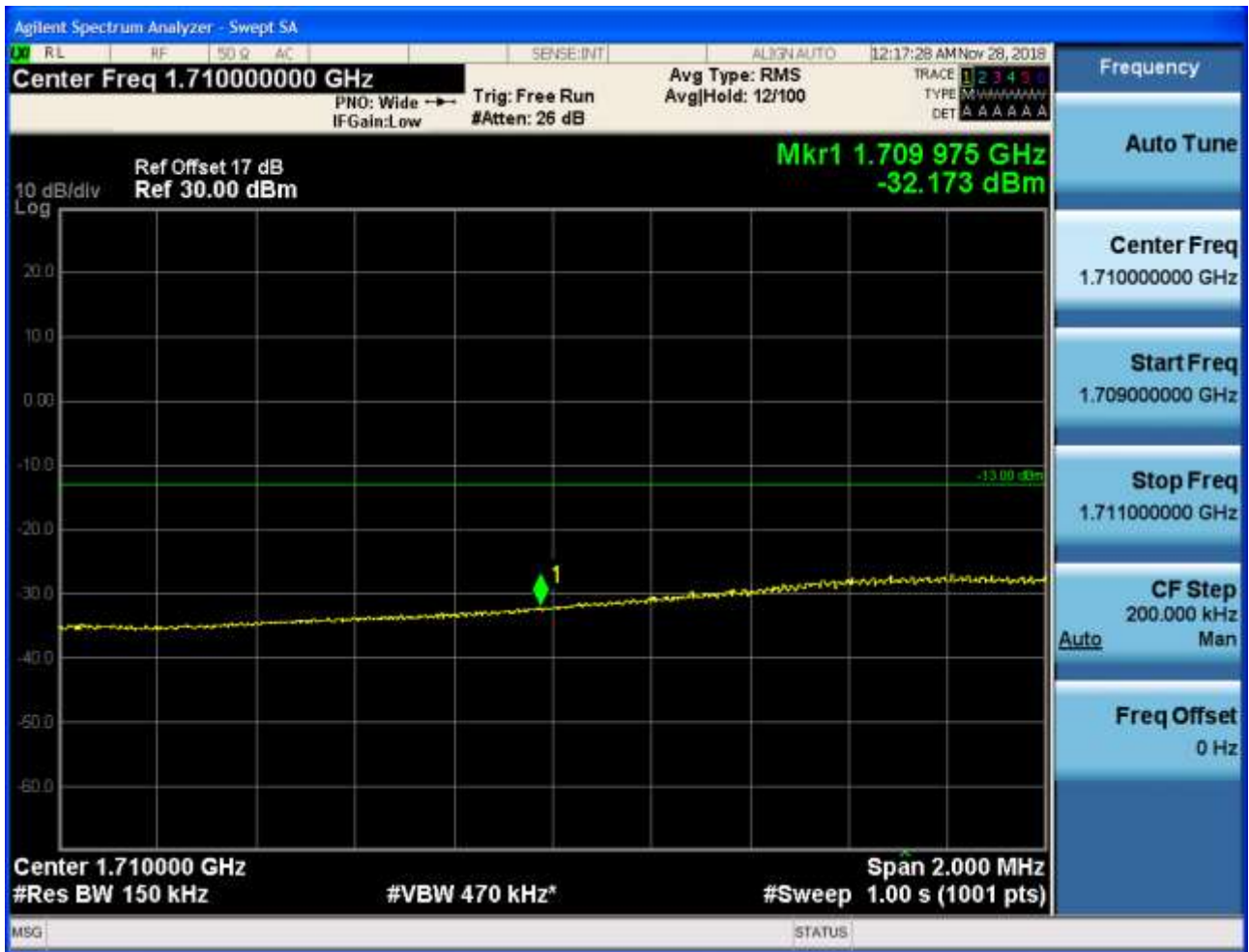


5.1.1.1.5.1.2 Test RB = RB1#74





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

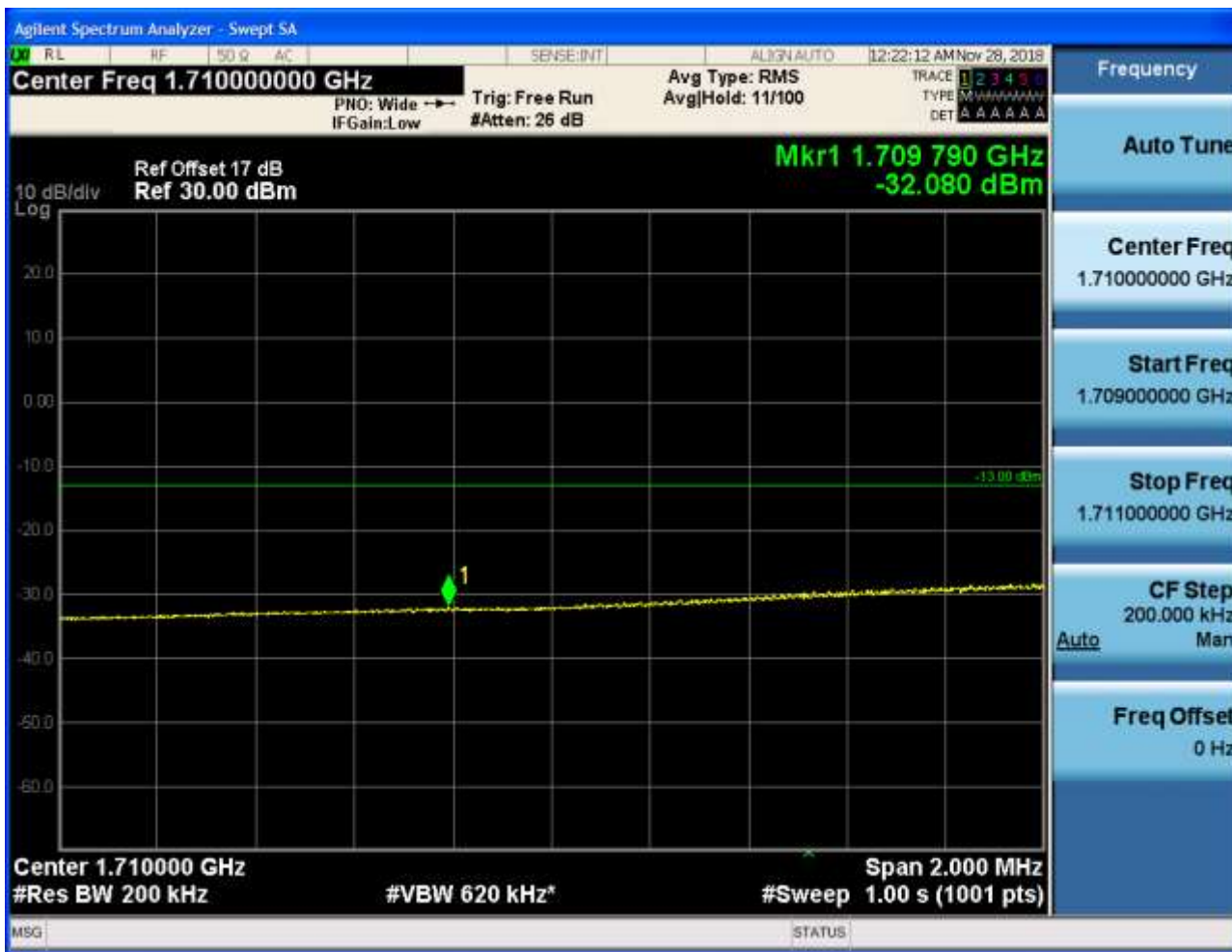


5.1.1.1.6.1.2 Test RB = RB1#99





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



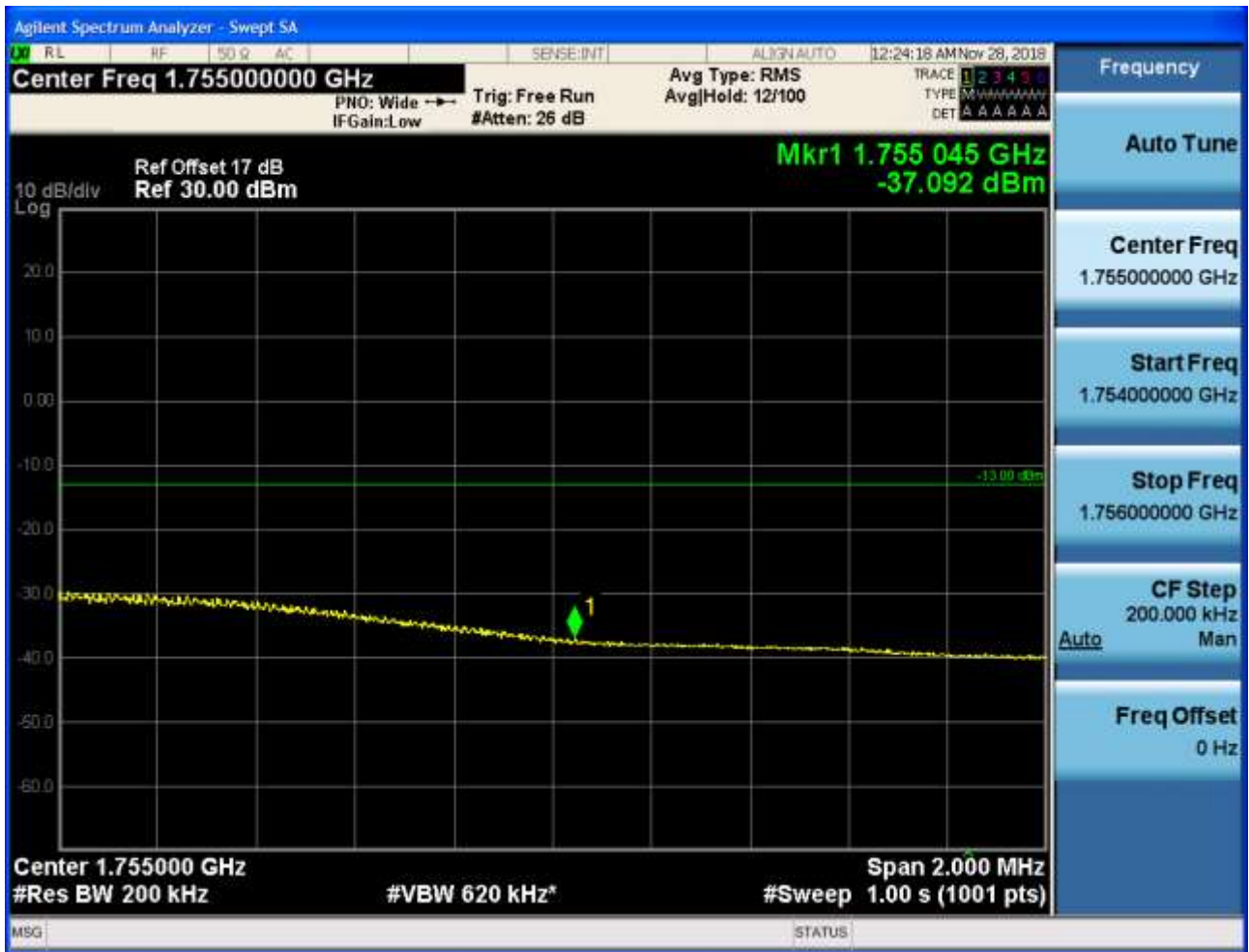


5.1.1.1.6.2.2 Test RB = RB1#99



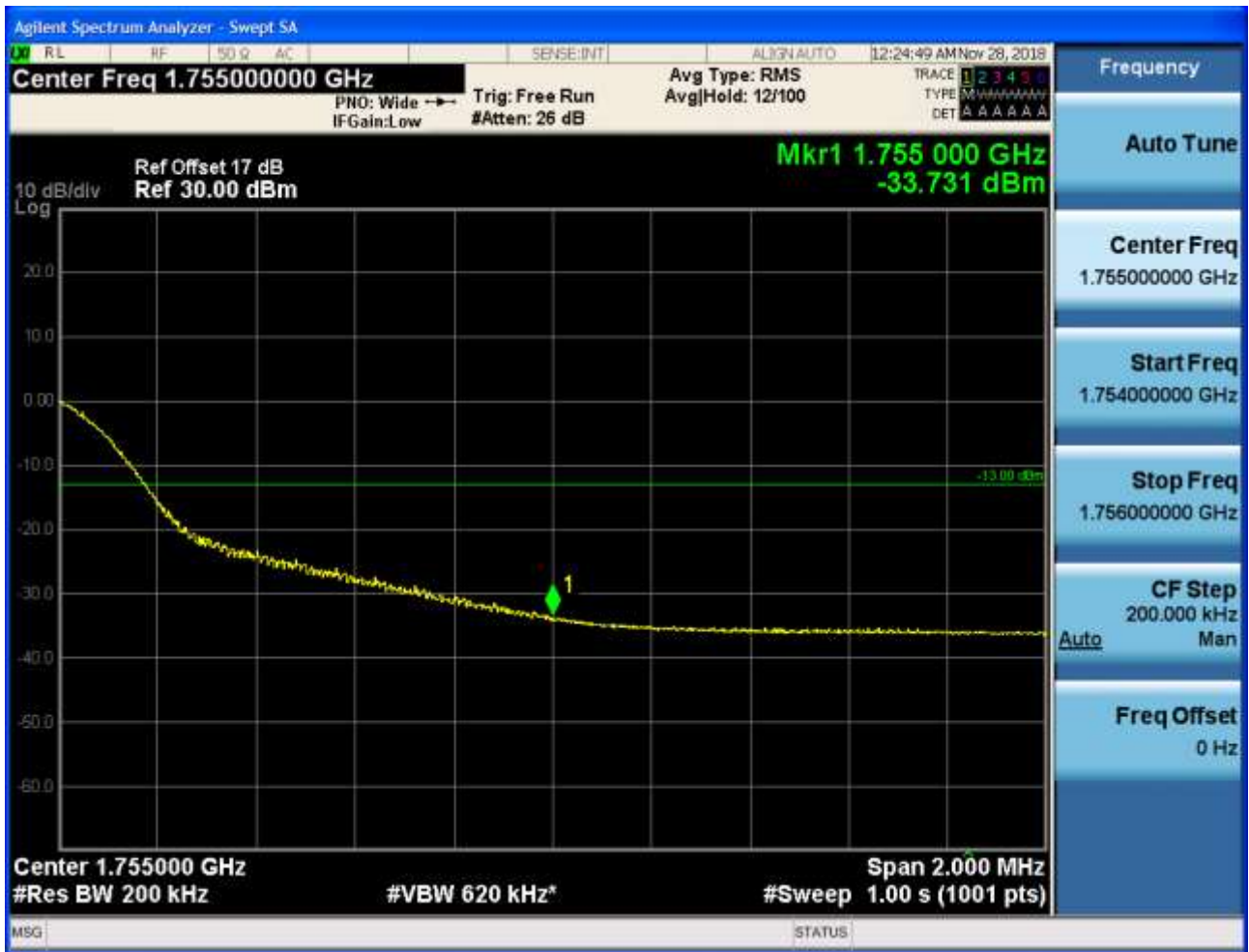


5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0

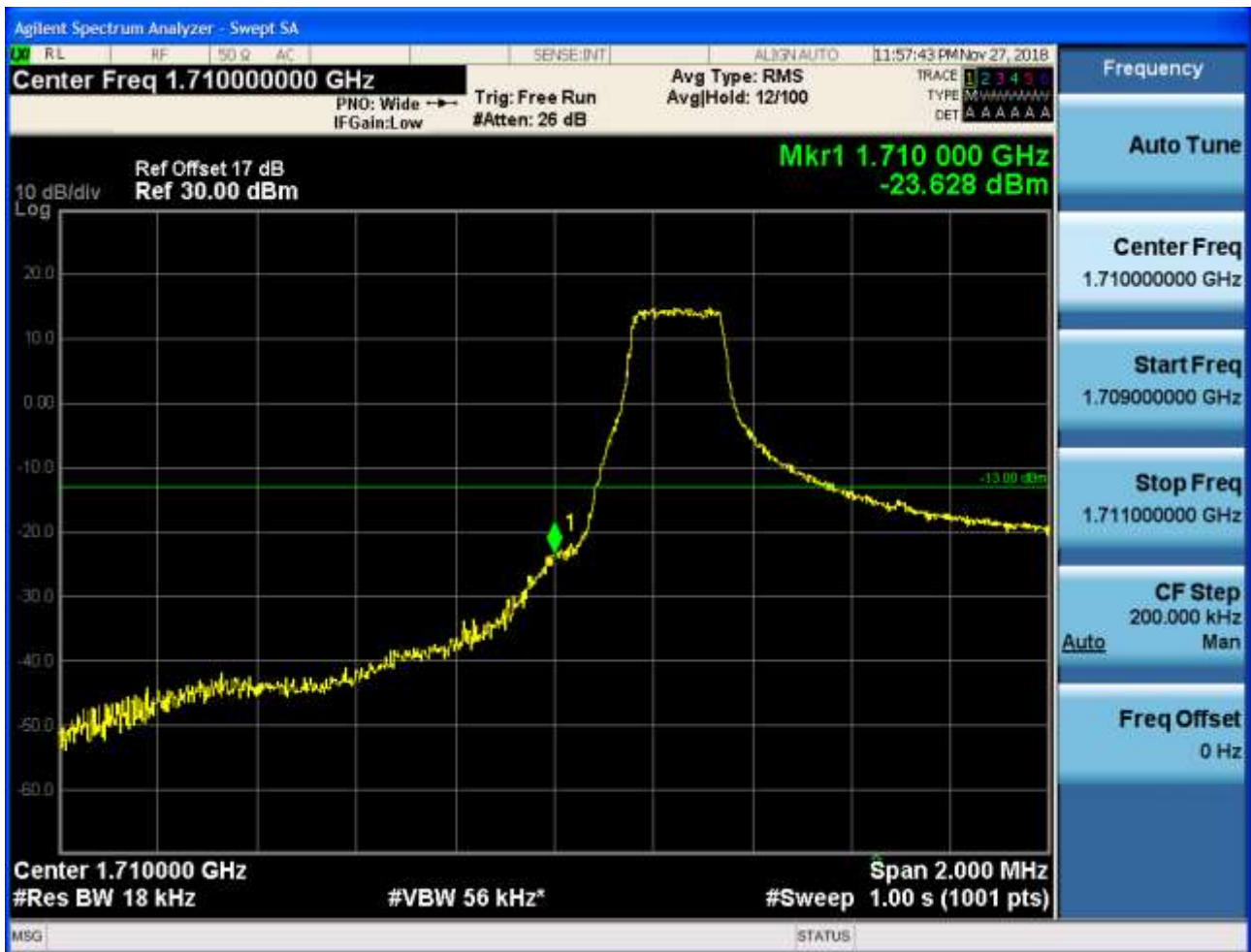


5.1.1.2 Test Mode = LTE/TM2

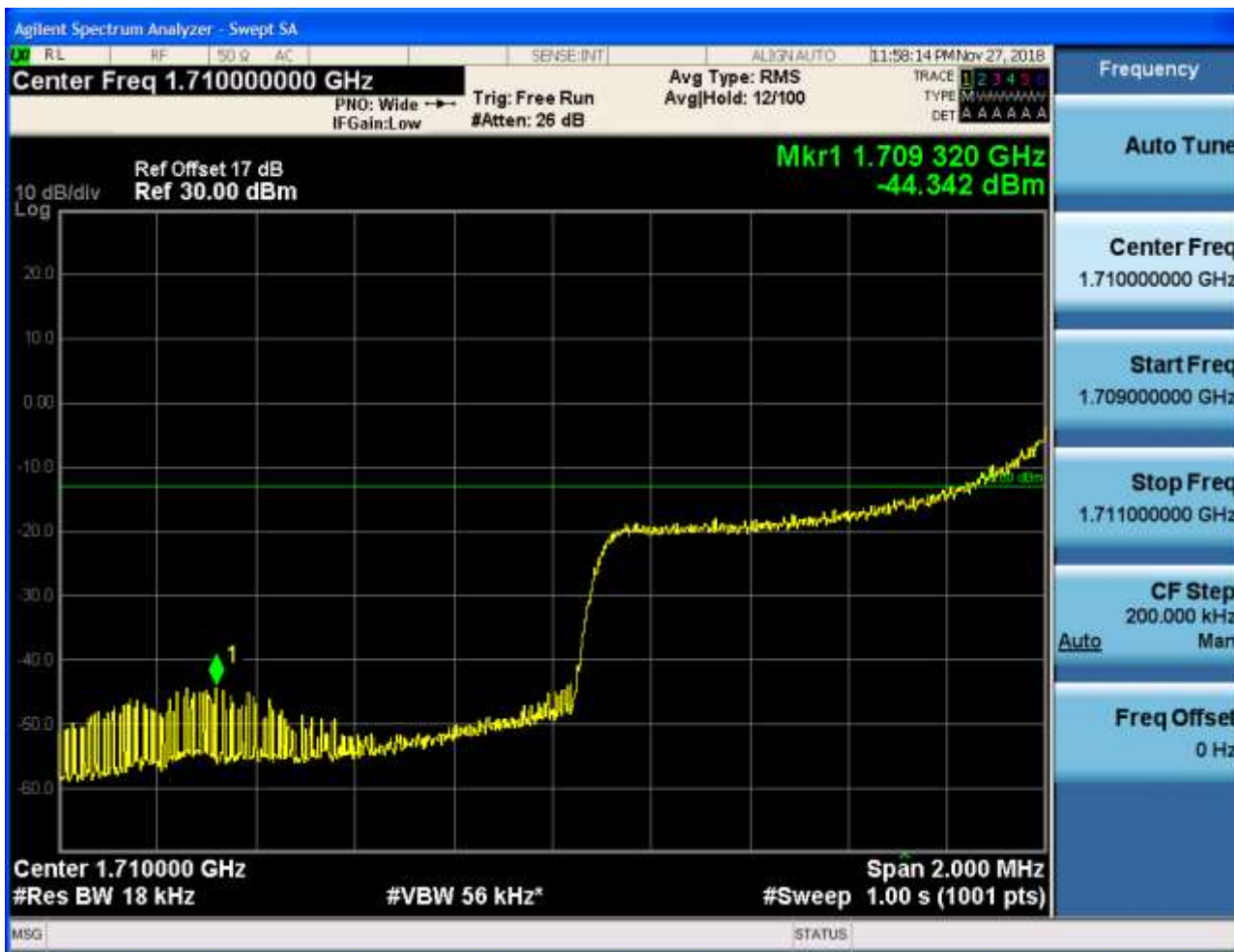
5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



5.1.1.2.1.1.2 Test RB = RB1#5

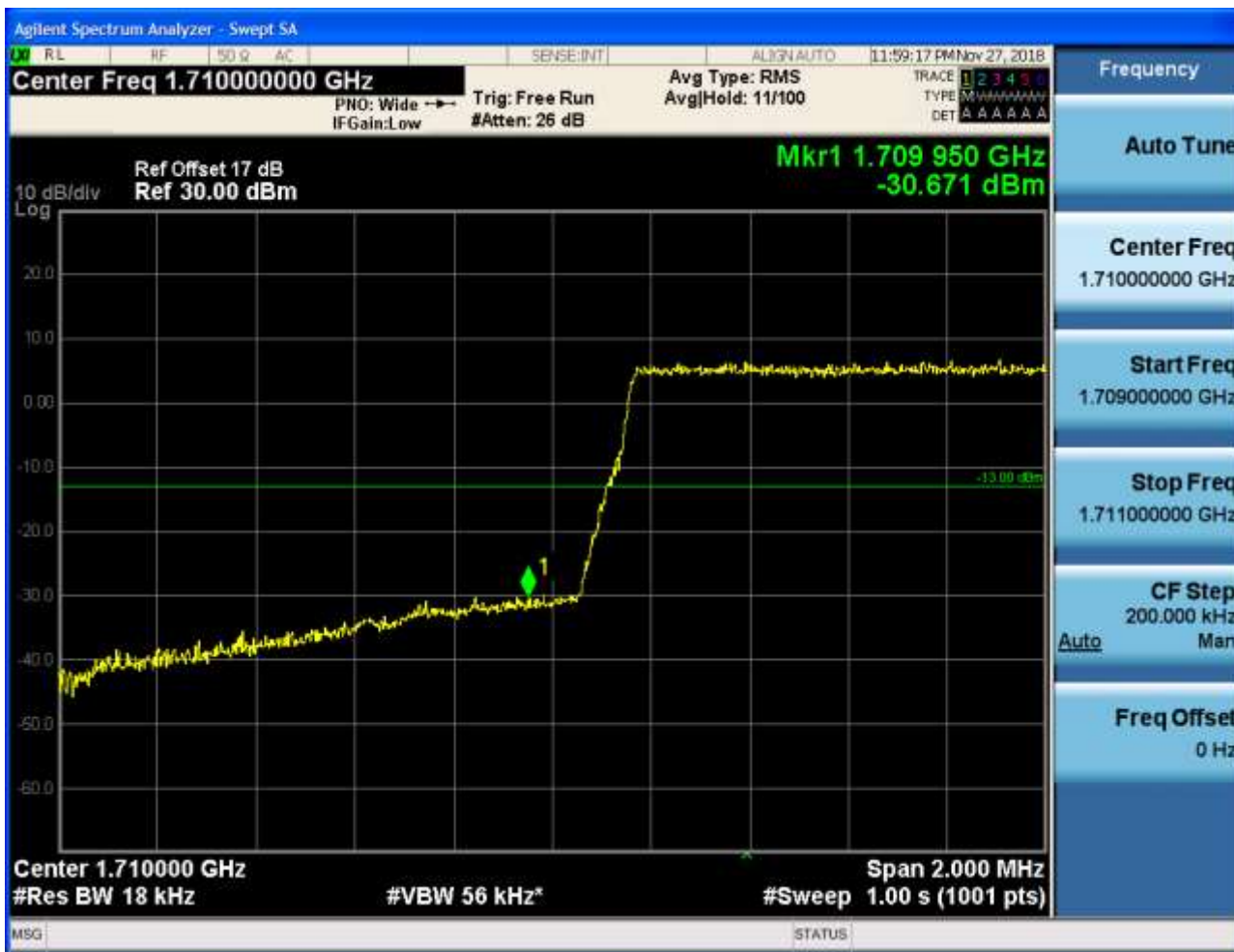




5.1.1.2.1.1.3 Test RB = RB3#2

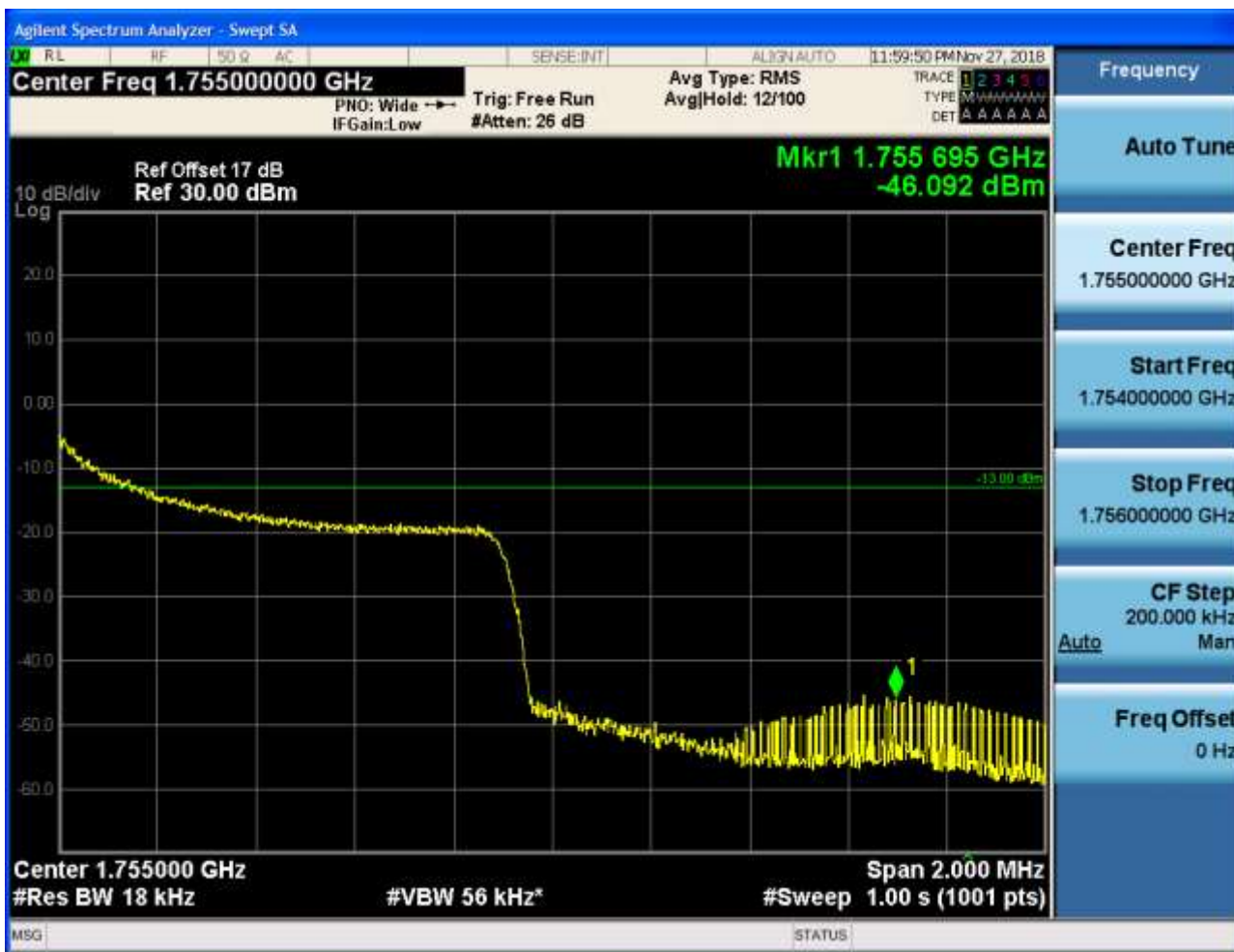


5.1.1.2.1.1.4 Test RB = RB6#0



5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



5.1.1.2.1.2.2 Test RB = RB1#5



5.1.1.2.1.2.3 Test RB = RB3#2



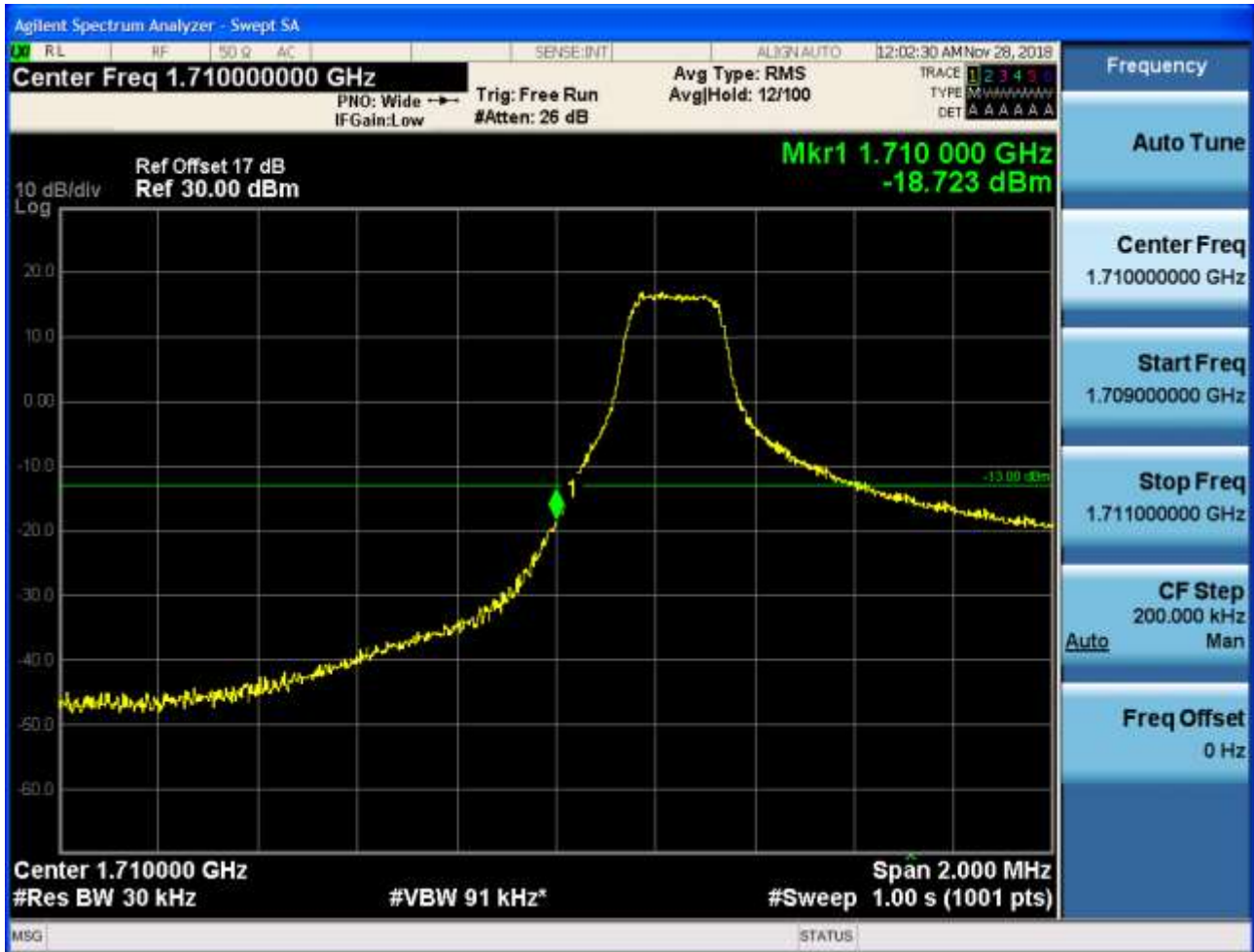
5.1.1.2.1.2.4 Test RB = RB6#0



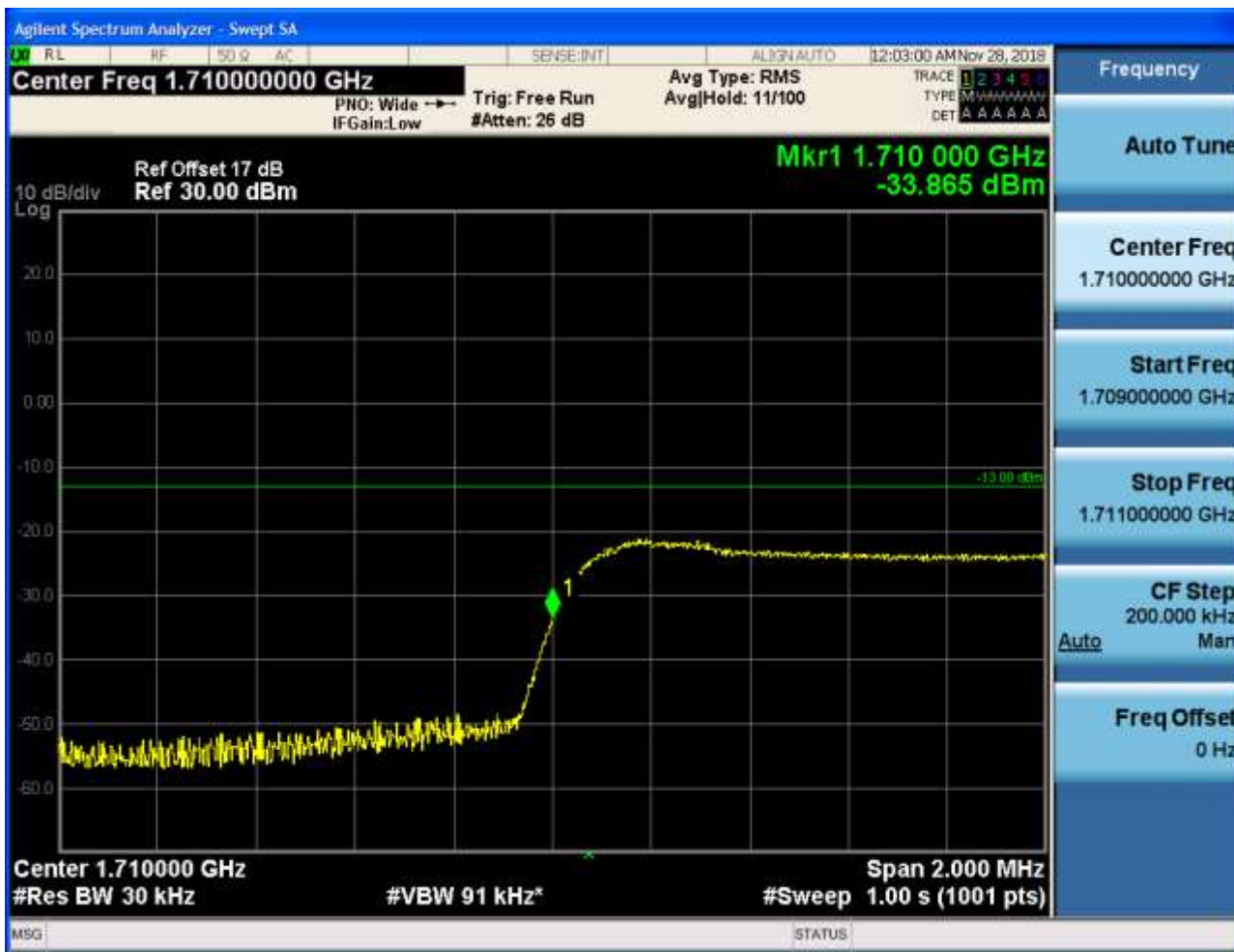
5.1.1.2.2 Test Bandwidth = 3

5.1.1.2.2.1 Test Channel = LCH

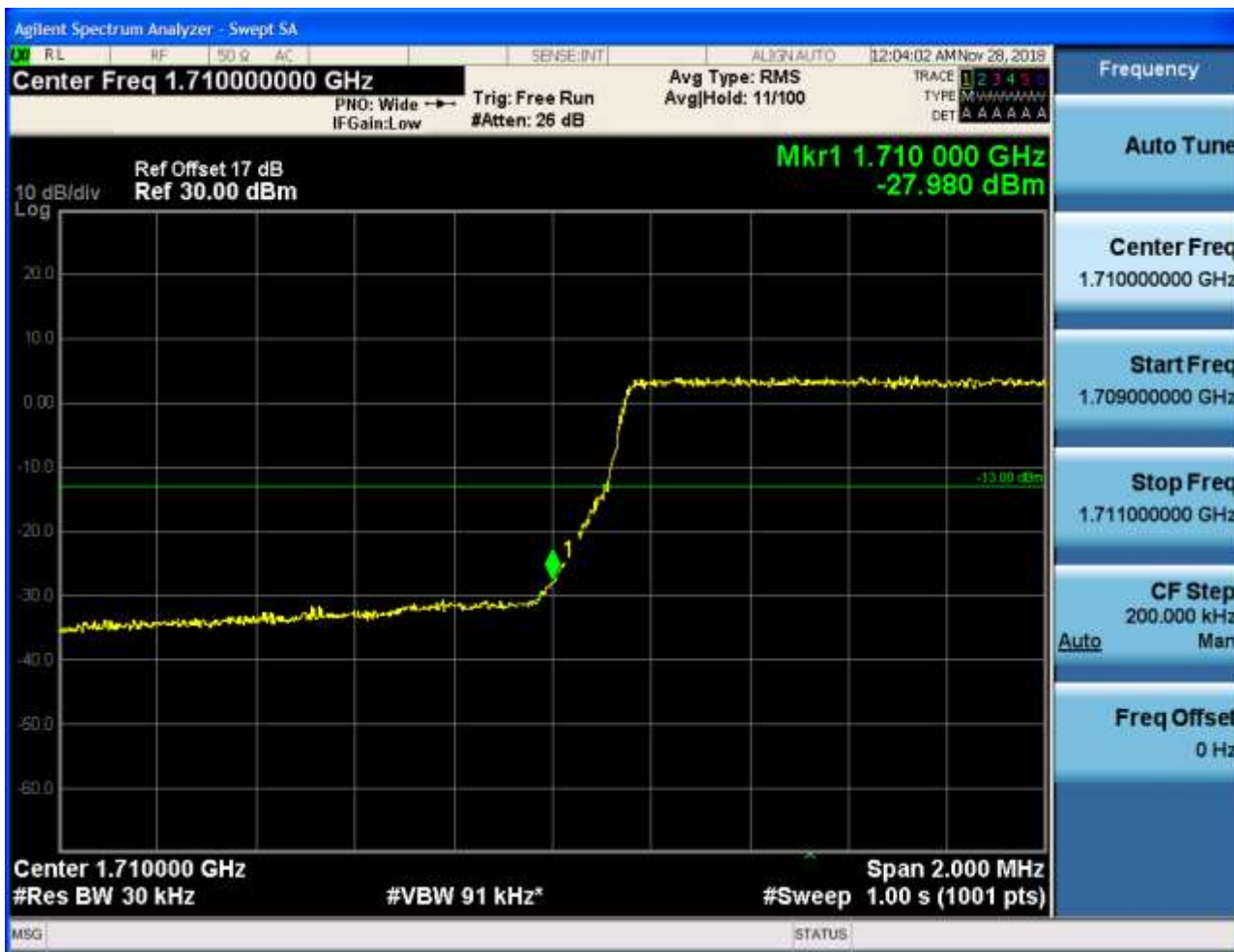
5.1.1.2.2.1.1 Test RB = RB1#0



5.1.1.2.2.1.2 Test RB = RB1#14



5.1.1.2.2.1.4 Test RB = RB15#0

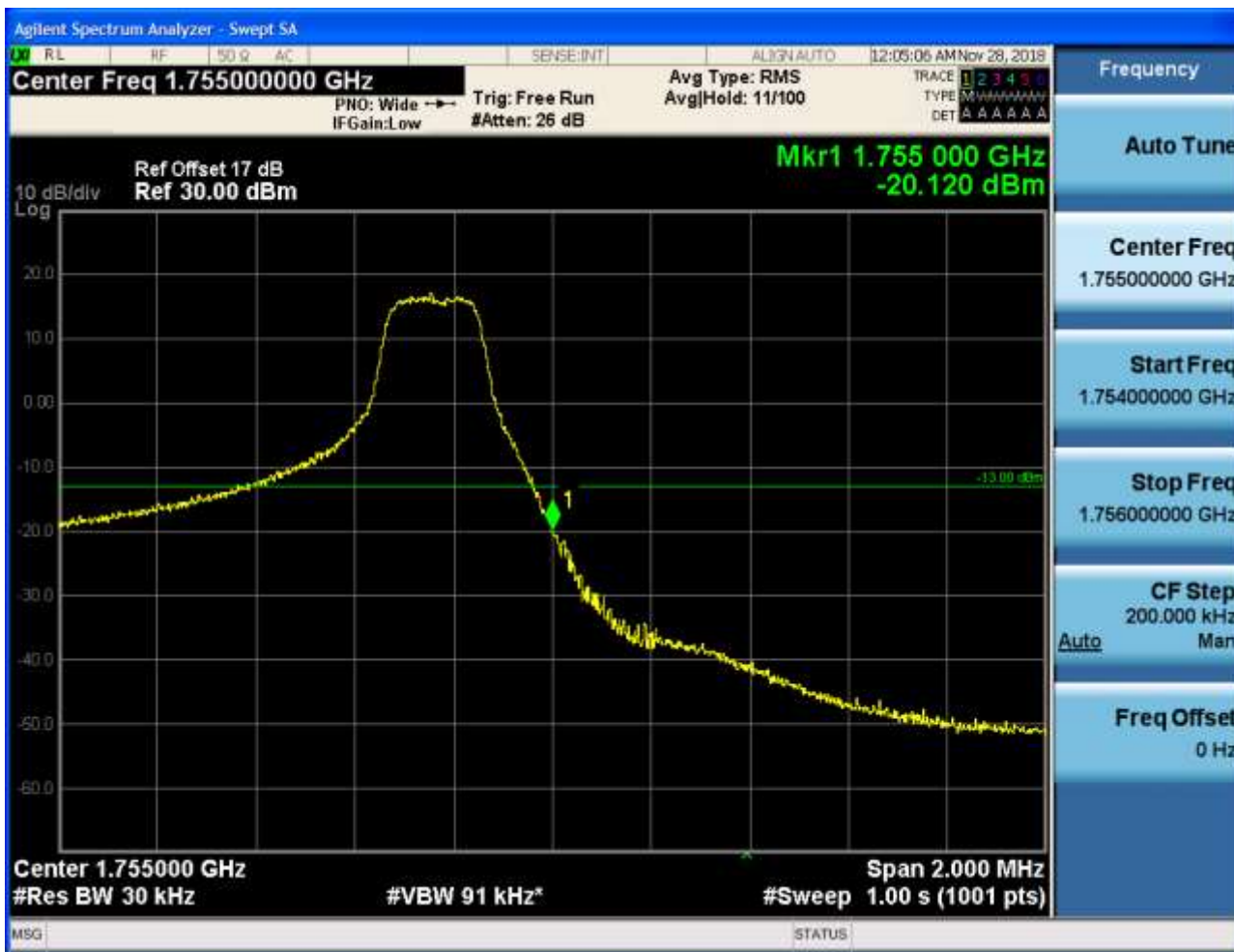


5.1.1.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB = RB1#0



5.1.1.2.2.2 Test RB = RB1#14



5.1.1.2.2.3 Test RB = RB8#4

