



# 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	24.15	23.47	30	PASS
				RB1#3	23.94	23.26	30	PASS
				RB1#5	24.11	23.43	30	PASS
				RB3#0	24.01	23.33	30	PASS
				RB3#2	23.99	23.31	30	PASS
				RB3#3	23.99	23.31	30	PASS
				RB6#0	22.90	22.22	30	PASS
			MCH	RB1#0	24.19	23.51	30	PASS
				RB1#3	24.19	23.51	30	PASS
				RB1#5	24.11	23.43	30	PASS
				RB3#0	24.08	23.40	30	PASS
				RB3#2	24.07	23.39	30	PASS
				RB3#3	24.05	23.37	30	PASS
				RB6#0	23.07	22.39	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	24.14	23.46	30	PASS
				RB1#3	24.02	23.34	30	PASS
				RB1#5	24.24	23.56	30	PASS
				RB3#0	24.00	23.32	30	PASS
				RB3#2	24.17	23.49	30	PASS
				RB3#3	24.17	23.49	30	PASS
				RB6#0	23.19	22.51	30	PASS
		3	LCH	RB1#0	24.06	23.38	30	PASS
				RB1#7	23.97	23.29	30	PASS
				RB1#14	24.04	23.36	30	PASS
				RB8#0	23.09	22.41	30	PASS
				RB8#4	23.04	22.36	30	PASS
				RB8#7	22.99	22.31	30	PASS
				RB15#0	23.09	22.41	30	PASS
				MCH	RB1#0	24.18	23.50	30
RB1#7	23.95	23.27	30		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#14	24.01	23.33	30	PASS		
				RB8#0	23.08	22.40	30	PASS		
				RB8#4	23.06	22.38	30	PASS		
				RB8#7	23.21	22.53	30	PASS		
				RB15#0	23.22	22.54	30	PASS		
			HCH	RB1#0	24.02	23.34	30	PASS		
				RB1#7	24.10	23.42	30	PASS		
				RB1#14	23.99	23.31	30	PASS		
				RB8#0	23.23	22.55	30	PASS		
				RB8#4	23.37	22.69	30	PASS		
		5	LCH	RB8#7	23.29	22.61	30	PASS		
				RB15#0	23.27	22.59	30	PASS		
				RB1#0	24.03	23.35	30	PASS		
				RB1#13	24.07	23.39	30	PASS		
						RB1#24	23.86	23.18	30	PASS
						RB12#0	22.95	22.27	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#6	23.10	22.42	30	PASS
				RB12#13	23.15	22.47	30	PASS
				RB25#0	22.91	22.23	30	PASS
			MCH	RB1#0	23.99	23.31	30	PASS
				RB1#13	24.26	23.58	30	PASS
				RB1#24	24.10	23.42	30	PASS
				RB12#0	23.26	22.58	30	PASS
				RB12#6	23.23	22.55	30	PASS
				RB12#13	23.14	22.46	30	PASS
				RB25#0	23.18	22.5	30	PASS
			HCH	RB1#0	24.01	23.33	30	PASS
				RB1#13	24.25	23.57	30	PASS
				RB1#24	23.92	23.24	30	PASS
				RB12#0	23.25	22.57	30	PASS
				RB12#6	23.23	22.55	30	PASS
				RB12#13	23.10	22.42	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	23.21	22.53	30	PASS
		10	LCH	RB1#0	23.94	23.26	30	PASS
				RB1#25	23.99	23.31	30	PASS
				RB1#49	23.9	23.22	30	PASS
				RB25#0	23.14	22.46	30	PASS
				RB25#13	23.16	22.48	30	PASS
				RB25#25	23.02	22.34	30	PASS
				RB50#0	22.87	22.19	30	PASS
				MCH	RB1#0	23.97	23.29	30
			RB1#25		23.93	23.25	30	PASS
			RB1#49		24.07	23.39	30	PASS
			RB25#0		23.24	22.56	30	PASS
			RB25#13		23.18	22.50	30	PASS
			RB25#25		23.02	22.34	30	PASS
			RB50#0		23.14	22.46	30	PASS
			HCH	RB1#0	24.01	23.33	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#25	24.08	23.40	30	PASS	
				RB1#49	23.98	23.30	30	PASS	
				RB25#0	23.15	22.47	30	PASS	
				RB25#13	23.07	22.39	30	PASS	
				RB25#25	23.08	22.40	30	PASS	
				RB50#0	23.09	22.41	30	PASS	
		15	LCH	RB1#0	24.19	23.51	30	PASS	
				RB1#38	23.93	23.25	30	PASS	
				RB1#74	24.06	23.38	30	PASS	
				RB38#0	23.08	22.40	30	PASS	
				RB38#19	23.00	22.32	30	PASS	
				RB38#39	23.13	22.45	30	PASS	
				RB75#0	22.94	22.26	30	PASS	
				MCH	RB1#0	23.96	23.28	30	PASS
					RB1#38	23.93	23.25	30	PASS
RB1#74	24.02	23.34	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#0	23.07	22.39	30	PASS
				RB38#19	23.18	22.50	30	PASS
				RB38#39	23.06	22.38	30	PASS
				RB75#0	23.29	22.61	30	PASS
			HCH	RB1#0	24.02	23.34	30	PASS
				RB1#38	24.12	23.44	30	PASS
				RB1#74	23.92	23.24	30	PASS
				RB38#0	23.13	22.45	30	PASS
		RB38#19		23.09	22.41	30	PASS	
		RB38#39	23.11	22.43	30	PASS		
		RB75#0	23.06	22.38	30	PASS		
		20	LCH	RB1#0	24.38	23.7	30	PASS
				RB1#50	24	23.32	30	PASS
				RB1#99	24.16	23.48	30	PASS
				RB50#0	23.1	22.42	30	PASS
				RB50#25	23.05	22.37	30	PASS





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	23.24	22.56	30	PASS
				RB100#0	22.97	22.29	30	PASS
			MCH	RB1#0	24.03	23.35	30	PASS
				RB1#50	23.88	23.20	30	PASS
				RB1#99	24.16	23.48	30	PASS
				RB50#0	23.13	22.45	30	PASS
				RB50#25	23.12	22.44	30	PASS
				RB50#50	23.21	22.53	30	PASS
				RB100#0	23.10	22.42	30	PASS
				HCH	RB1#0	24.11	23.43	30
			RB1#50		24.22	23.54	30	PASS
			RB1#99		24.12	23.44	30	PASS
			RB50#0		23.06	22.38	30	PASS
			RB50#25		23.06	22.38	30	PASS
			RB50#50		23.2	22.52	30	PASS
			RB100#0		23.00	22.32	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
	LTE/TM2	1.4	LCH	RB1#0	23.29	22.61	30	PASS
				RB1#3	23.28	22.60	30	PASS
				RB1#5	23.11	22.43	30	PASS
				RB3#0	22.92	22.24	30	PASS
				RB3#2	22.97	22.29	30	PASS
				RB3#3	23.16	22.48	30	PASS
				RB6#0	21.95	21.27	30	PASS
			MCH	RB1#0	23.39	22.71	30	PASS
				RB1#3	23.41	22.73	30	PASS
				RB1#5	23.19	22.51	30	PASS
				RB3#0	23.21	22.53	30	PASS
				RB3#2	23.20	22.52	30	PASS
				RB3#3	23.09	22.41	30	PASS
				RB6#0	22.09	21.41	30	PASS
			HCH	RB1#0	23.41	22.73	30	PASS
				RB1#3	23.60	22.92	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#5	23.50	22.82	30	PASS	
				RB3#0	23.15	22.47	30	PASS	
				RB3#2	23.39	22.71	30	PASS	
				RB3#3	23.29	22.61	30	PASS	
				RB6#0	22.15	21.47	30	PASS	
		3	LCH	RB1#0	23.45	22.77	30	PASS	
				RB1#7	23.40	22.72	30	PASS	
				RB1#14	23.42	22.74	30	PASS	
				RB8#0	22.11	21.43	30	PASS	
				RB8#4	21.93	21.25	30	PASS	
				RB8#7	22.16	21.48	30	PASS	
				RB15#0	22.17	21.49	30	PASS	
				MCH	RB1#0	23.45	22.77	30	PASS
					RB1#7	23.37	22.69	30	PASS
		RB1#14	23.15		22.47	30	PASS		
		RB8#0	22.09		21.41	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#4	22.28	21.60	30	PASS
				RB8#7	22.24	21.56	30	PASS
				RB15#0	22.19	21.51	30	PASS
			HCH	RB1#0	23.13	22.45	30	PASS
				RB1#7	23.16	22.48	30	PASS
				RB1#14	23.12	22.44	30	PASS
				RB8#0	22.25	21.57	30	PASS
				RB8#4	22.26	21.58	30	PASS
				RB8#7	22.15	21.47	30	PASS
		RB15#0	22.24	21.56	30	PASS		
		5	LCH	RB1#0	23.4	22.72	30	PASS
				RB1#13	23.6	22.92	30	PASS
				RB1#24	23.38	22.70	30	PASS
				RB12#0	22.04	21.36	30	PASS
				RB12#6	22.18	21.50	30	PASS
RB12#13	22.31			21.63	30	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.11	21.43	30	PASS
			MCH	RB1#0	23.5	22.82	30	PASS
				RB1#13	23.56	22.88	30	PASS
				RB1#24	23.31	22.63	30	PASS
				RB12#0	22.27	21.59	30	PASS
				RB12#6	22.19	21.51	30	PASS
				RB12#13	22.20	21.52	30	PASS
				RB25#0	22.14	21.46	30	PASS
				HCH	RB1#0	23.35	22.67	30
			RB1#13		23.60	22.92	30	PASS
			RB1#24		23.30	22.62	30	PASS
			RB12#0		22.20	21.52	30	PASS
			RB12#6		22.28	21.60	30	PASS
			RB12#13		22.31	21.63	30	PASS
			RB25#0		22.18	21.50	30	PASS
		10	LCH	RB1#0	23.27	22.59	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	23.35	22.67	30	PASS
				RB1#49	23.23	22.55	30	PASS
				RB25#0	22.13	21.45	30	PASS
				RB25#13	22.12	21.44	30	PASS
				RB25#25	22.15	21.47	30	PASS
				RB50#0	22.10	21.42	30	PASS
			MCH	RB1#0	23.17	22.49	30	PASS
				RB1#25	23.15	22.47	30	PASS
				RB1#49	23.28	22.60	30	PASS
				RB25#0	22.17	21.49	30	PASS
				RB25#13	22.11	21.43	30	PASS
				RB25#25	21.99	21.31	30	PASS
				RB50#0	22.05	21.37	30	PASS
			HCH	RB1#0	23.20	22.52	30	PASS
				RB1#25	23.28	22.60	30	PASS
				RB1#49	23.17	22.49	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.12	21.44	30	PASS
				RB25#13	22.04	21.36	30	PASS
				RB25#25	22.04	21.36	30	PASS
				RB50#0	22.01	21.33	30	PASS
		15	LCH	RB1#0	23.36	22.68	30	PASS
				RB1#38	23.16	22.48	30	PASS
				RB1#74	23.29	22.61	30	PASS
				RB38#0	22.11	21.43	30	PASS
				RB38#19	21.97	21.29	30	PASS
				RB38#39	22.20	21.52	30	PASS
				RB75#0	21.92	21.24	30	PASS
				MCH	RB1#0	23.39	22.71	30
			RB1#38		23.39	22.71	30	PASS
			RB1#74		23.30	22.62	30	PASS
			RB38#0		22.05	21.37	30	PASS
			RB38#19		22.15	21.47	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB38#39	22.16	21.48	30	PASS
				RB75#0	22.24	21.56	30	PASS
			HCH	RB1#0	23.28	22.60	30	PASS
				RB1#38	23.46	22.78	30	PASS
				RB1#74	23.19	22.51	30	PASS
				RB38#0	22.08	21.40	30	PASS
				RB38#19	22.22	21.54	30	PASS
				RB38#39	22.05	21.37	30	PASS
				RB75#0	22.00	21.32	30	PASS
				20	LCH	RB1#0	23.62	22.94
		RB1#50	23.33			22.65	30	PASS
		RB1#99	23.42			22.74	30	PASS
		RB50#0	22.05			21.37	30	PASS
		RB50#25	22.02			21.34	30	PASS
		RB50#50	22.27			21.59	30	PASS
					RB100#0	21.90	21.22	30





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	23.73	23.05	30	PASS
				RB1#50	23.36	22.68	30	PASS
				RB1#99	23.72	23.04	30	PASS
				RB50#0	22.07	21.39	30	PASS
				RB50#25	22.06	21.38	30	PASS
				RB50#50	22.13	21.45	30	PASS
				RB100#0	22.05	21.37	30	PASS
			HCH	RB1#0	23.68	23.00	30	PASS
				RB1#50	23.25	22.57	30	PASS
				RB1#99	23.40	22.72	30	PASS
				RB50#0	22.04	21.36	30	PASS
				RB50#25	22.01	21.33	30	PASS
				RB50#50	22.15	21.47	30	PASS
				RB100#0	22.09	21.41	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,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$



$EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]$

b, SGP = Signal Generator Level

Note2:

SET Span = 1.5 \* OBW

SET RBW = 1% of the OBW, not to exceed 1MHz

SET VBW  $\geq 3 * RBW$

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	4.56	13	PASS
				RB1#3	4.74	13	PASS
				RB1#5	4.78	13	PASS
				RB3#0	4.71	13	PASS
				RB3#2	4.67	13	PASS
				RB3#3	4.69	13	PASS
			RB6#0	5.34	13	PASS	
			MCH	RB1#0	5.10	13	PASS
				RB1#3	4.89	13	PASS
				RB1#5	5.05	13	PASS
				RB3#0	5.21	13	PASS
				RB3#2	5.28	13	PASS
		RB3#3		5.15	13	PASS	
		HCH	RB6#0	5.82	13	PASS	
			RB1#0	5.09	13	PASS	
			RB1#3	4.63	13	PASS	
			RB1#5	4.59	13	PASS	
			RB3#0	4.96	13	PASS	
			RB3#2	4.79	13	PASS	
		3	LCH	RB3#3	4.90	13	PASS
				RB6#0	5.16	13	PASS
				RB1#0	4.62	13	PASS
				RB1#7	4.74	13	PASS
				RB1#14	4.62	13	PASS
RB8#0	5.11			13	PASS		
MCH	RB8#4		5.14	13	PASS		
	RB8#7		5.21	13	PASS		
	RB15#0		5.67	13	PASS		
	RB1#0		5.14	13	PASS		
	RB1#7		4.99	13	PASS		
	RB1#14		5.20	13	PASS		
RB8#0	5.34	13	PASS				
RB8#4	5.32	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	5.43	13	PASS
				RB15#0	5.56	13	PASS
			HCH	RB1#0	5.03	13	PASS
				RB1#7	4.88	13	PASS
				RB1#14	4.90	13	PASS
				RB8#0	5.23	13	PASS
				RB8#4	5.04	13	PASS
				RB8#7	5.16	13	PASS
			RB15#0	5.46	13	PASS	
			LCH	RB1#0	4.65	13	PASS
				RB1#13	4.85	13	PASS
				RB1#24	5.05	13	PASS
				RB12#0	5.15	13	PASS
				RB12#6	5.16	13	PASS
		RB12#13		5.43	13	PASS	
		RB25#0		5.66	13	PASS	
		MCH	RB1#0	5.17	13	PASS	
			RB1#13	4.92	13	PASS	
			RB1#24	5.07	13	PASS	
			RB12#0	5.37	13	PASS	
			RB12#6	5.15	13	PASS	
			RB12#13	5.29	13	PASS	
		RB25#0	5.86	13	PASS		
		HCH	RB1#0	5.18	13	PASS	
			RB1#13	4.90	13	PASS	
			RB1#24	4.93	13	PASS	
			RB12#0	5.06	13	PASS	
			RB12#6	4.97	13	PASS	
			RB12#13	5.01	13	PASS	
		RB25#0	5.63	13	PASS		
10	LCH	RB1#0	4.61	13	PASS		
		RB1#25	5.03	13	PASS		
		RB1#49	5.37	13	PASS		
		RB25#0	5.49	13	PASS		
		RB25#13	5.69	13	PASS		
		RB25#25	5.73	13	PASS		
		RB50#0	6.06	13	PASS		
	MCH	RB1#0	5.19	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#25	5.17	13	PASS			
				RB1#49	5.21	13	PASS			
				RB25#0	5.43	13	PASS			
				RB25#13	5.36	13	PASS			
				RB25#25	5.61	13	PASS			
				RB50#0	5.91	13	PASS			
			HCH	RB1#0	5.12	13	PASS			
				RB1#25	4.93	13	PASS			
				RB1#49	4.87	13	PASS			
				RB25#0	5.30	13	PASS			
				RB25#13	5.08	13	PASS			
				RB25#25	5.08	13	PASS			
				LCH	15		RB1#0	4.72	13	PASS
							RB1#38	5.29	13	PASS
		RB1#74					5.30	13	PASS	
		RB38#0					5.59	13	PASS	
		RB38#19					5.63	13	PASS	
		RB38#39					5.96	13	PASS	
		RB75#0		6.20			13	PASS		
		MCH		RB1#0		5.22	13	PASS		
				RB1#38		4.88	13	PASS		
				RB1#74		5.28	13	PASS		
				RB38#0		5.52	13	PASS		
				RB38#19		5.51	13	PASS		
				RB38#39		5.64	13	PASS		
				RB75#0		5.85	13	PASS		
		HCH	RB1#0	5.26	13	PASS				
			RB1#38	5.18	13	PASS				
			RB1#74	5.01	13	PASS				
			RB38#0	5.55	13	PASS				
			RB38#19	5.29	13	PASS				
			RB38#39	5.26	13	PASS				
RB75#0	5.84		13	PASS						
	LCH	20	RB1#0	4.66	13	PASS				
			RB1#50	4.93	13	PASS				
			RB1#99	5.05	13	PASS				
			RB50#0	5.66	13	PASS				



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB50#25	5.95	13	PASS			
				RB50#50	5.70	13	PASS			
				RB100#0	6.05	13	PASS			
			MCH	RB1#0	5.36	13	PASS			
				RB1#50	5.29	13	PASS			
				RB1#99	5.44	13	PASS			
				RB50#0	5.60	13	PASS			
				RB50#25	5.62	13	PASS			
				RB50#50	5.48	13	PASS			
				RB100#0	5.85	13	PASS			
			HCH	RB1#0	4.91	13	PASS			
				RB1#50	4.95	13	PASS			
				RB1#99	4.76	13	PASS			
				RB50#0	5.76	13	PASS			
				RB50#25	5.37	13	PASS			
				RB50#50	5.32	13	PASS			
						LCH	RB1#0	5.22	13	PASS
							RB1#3	5.31	13	PASS
	RB1#5	5.64					13	PASS		
	RB3#0	5.45					13	PASS		
	RB3#2	5.29					13	PASS		
	RB3#3	5.52					13	PASS		
	RB6#0	6.04					13	PASS		
	MCH	RB1#0				5.80	13	PASS		
		RB1#3				5.71	13	PASS		
		RB1#5				6.04	13	PASS		
		RB3#0				5.97	13	PASS		
		RB3#2				5.84	13	PASS		
	HCH	RB3#3	5.83	13	PASS					
		RB6#0	6.32	13	PASS					
RB1#0		5.46	13	PASS						
RB1#3		5.17	13	PASS						
RB1#5		5.31	13	PASS						
				RB3#0	5.56	13	PASS			
				RB3#2	5.55	13	PASS			
				RB3#3	5.47	13	PASS			
				RB6#0	6.16	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	4.93	13	PASS
				RB1#7	5.26	13	PASS
				RB1#14	4.97	13	PASS
				RB8#0	5.91	13	PASS
				RB8#4	5.82	13	PASS
				RB8#7	5.83	13	PASS
			RB15#0	6.23	13	PASS	
			MCH	RB1#0	5.78	13	PASS
				RB1#7	5.91	13	PASS
				RB1#14	5.84	13	PASS
				RB8#0	5.95	13	PASS
				RB8#4	5.94	13	PASS
				RB8#7	5.96	13	PASS
			HCH	RB15#0	6.38	13	PASS
				RB1#0	6.04	13	PASS
				RB1#7	6.13	13	PASS
				RB1#14	6.10	13	PASS
				RB8#0	5.84	13	PASS
		RB8#4		5.77	13	PASS	
		5	LCH	RB8#7	5.86	13	PASS
				RB15#0	6.21	13	PASS
				RB1#0	5.24	13	PASS
				RB1#13	5.29	13	PASS
				RB1#24	5.56	13	PASS
				RB12#0	5.83	13	PASS
			MCH	RB12#6	5.67	13	PASS
				RB12#13	5.99	13	PASS
RB25#0	6.40			13	PASS		
RB1#0	5.52			13	PASS		
RB1#13	5.61			13	PASS		
RB1#24	5.56			13	PASS		
HCH	RB12#0		5.92	13	PASS		
	RB12#6		5.78	13	PASS		
	RB12#13		5.94	13	PASS		
	RB25#0		6.38	13	PASS		
	RB1#0		5.66	13	PASS		
	RB1#13		5.32	13	PASS		
				RB1#24	5.44	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#0	5.29	13	PASS
				RB12#6	5.53	13	PASS
				RB12#13	5.64	13	PASS
				RB25#0	6.09	13	PASS
			LCH	RB1#0	5.15	13	PASS
				RB1#25	5.51	13	PASS
				RB1#49	5.73	13	PASS
				RB25#0	5.92	13	PASS
				RB25#13	6.13	13	PASS
				RB25#25	6.25	13	PASS
			RB50#0	6.67	13	PASS	
			MCH	RB1#0	5.78	13	PASS
		RB1#25		5.66	13	PASS	
		RB1#49		5.79	13	PASS	
		RB25#0		6.01	13	PASS	
		RB25#13		5.92	13	PASS	
		RB25#25		6.17	13	PASS	
		RB50#0	6.38	13	PASS		
		HCH	RB1#0	5.89	13	PASS	
			RB1#25	5.69	13	PASS	
			RB1#49	5.61	13	PASS	
			RB25#0	5.88	13	PASS	
			RB25#13	5.65	13	PASS	
			RB25#25	5.67	13	PASS	
		RB50#0	6.51	13	PASS		
		15	LCH	RB1#0	5.17	13	PASS
				RB1#38	5.45	13	PASS
				RB1#74	5.54	13	PASS
				RB38#0	6.03	13	PASS
				RB38#19	6.08	13	PASS
RB38#39	6.41			13	PASS		
RB75#0	6.65		13	PASS			
MCH	RB1#0		5.87	13	PASS		
	RB1#38		5.70	13	PASS		
	RB1#74		6.09	13	PASS		
	RB38#0		6.01	13	PASS		
	RB38#19		6.00	13	PASS		
	RB38#39	5.91	13	PASS			





Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	6.37	13	PASS
			HCH	RB1#0	6.03	13	PASS
				RB1#38	5.99	13	PASS
				RB1#74	5.78	13	PASS
				RB38#0	6.05	13	PASS
				RB38#19	5.87	13	PASS
				RB38#39	5.67	13	PASS
				RB75#0	6.29	13	PASS
			LCH	RB1#0	5.32	13	PASS
				RB1#50	6.16	13	PASS
				RB1#99	6.13	13	PASS
				RB50#0	6.01	13	PASS
				RB50#25	6.24	13	PASS
				RB50#50	6.04	13	PASS
		RB100#0		6.64	13	PASS	
		MCH	RB1#0	5.73	13	PASS	
			RB1#50	5.66	13	PASS	
			RB1#99	5.84	13	PASS	
			RB50#0	6.18	13	PASS	
			RB50#25	6.09	13	PASS	
			RB50#50	6.03	13	PASS	
			RB100#0	6.24	13	PASS	
		HCH	RB1#0	5.53	13	PASS	
			RB1#50	5.74	13	PASS	
			RB1#99	5.50	13	PASS	
			RB50#0	6.24	13	PASS	
			RB50#25	5.76	13	PASS	
			RB50#50	5.80	13	PASS	
RB100#0	6.24		13	PASS			

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

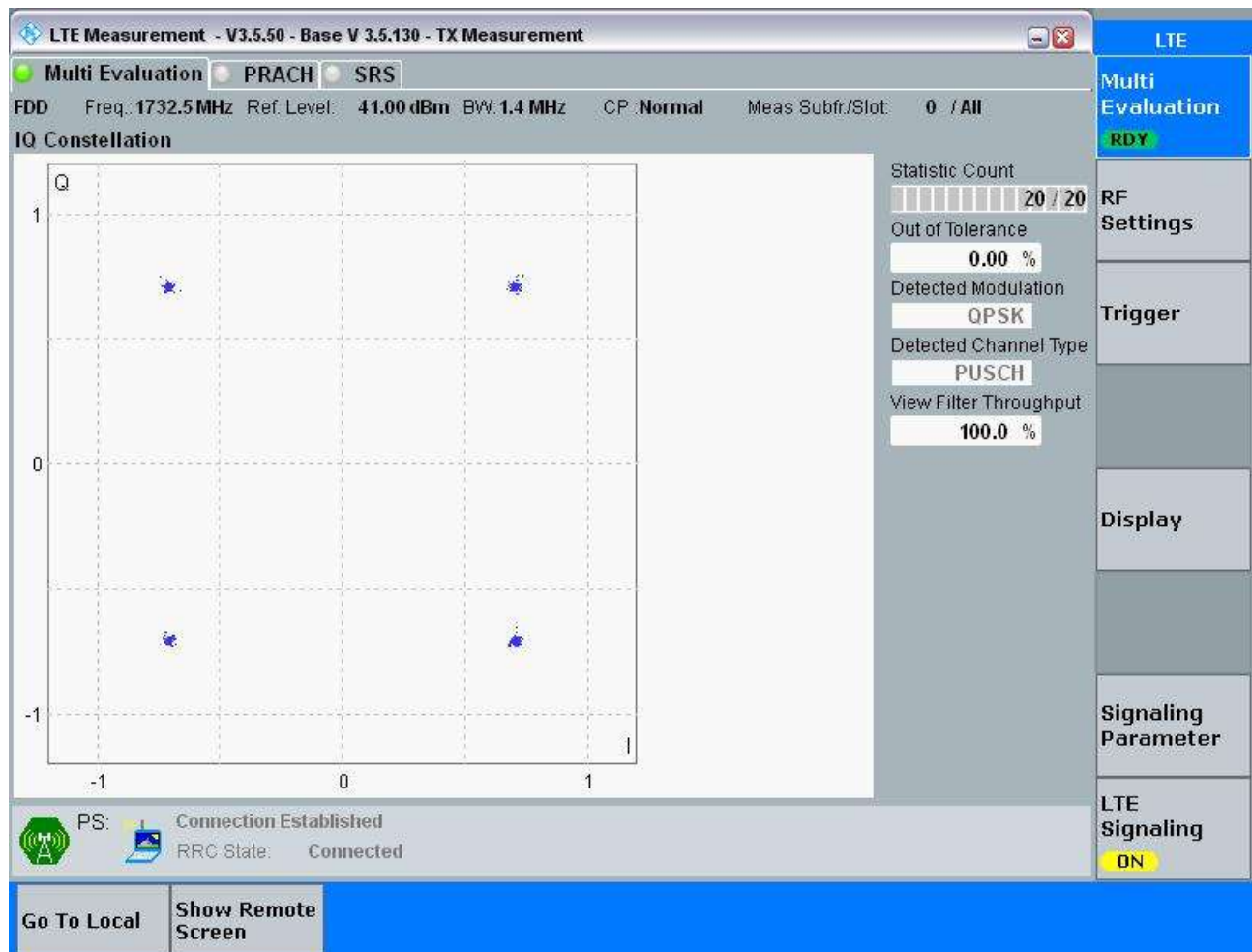
##### 3.1.1 Test Band = Band4

##### 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

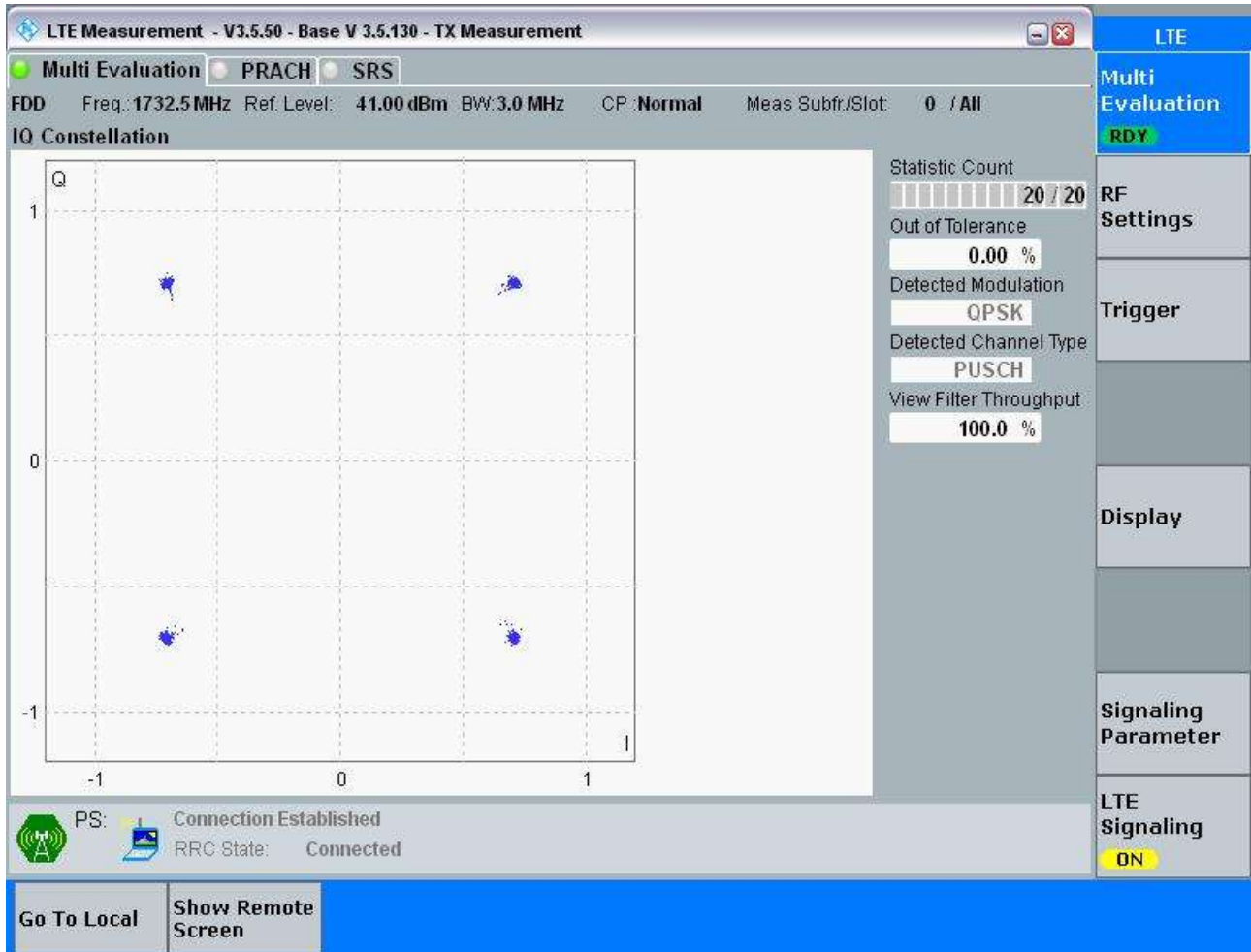
##### 3.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

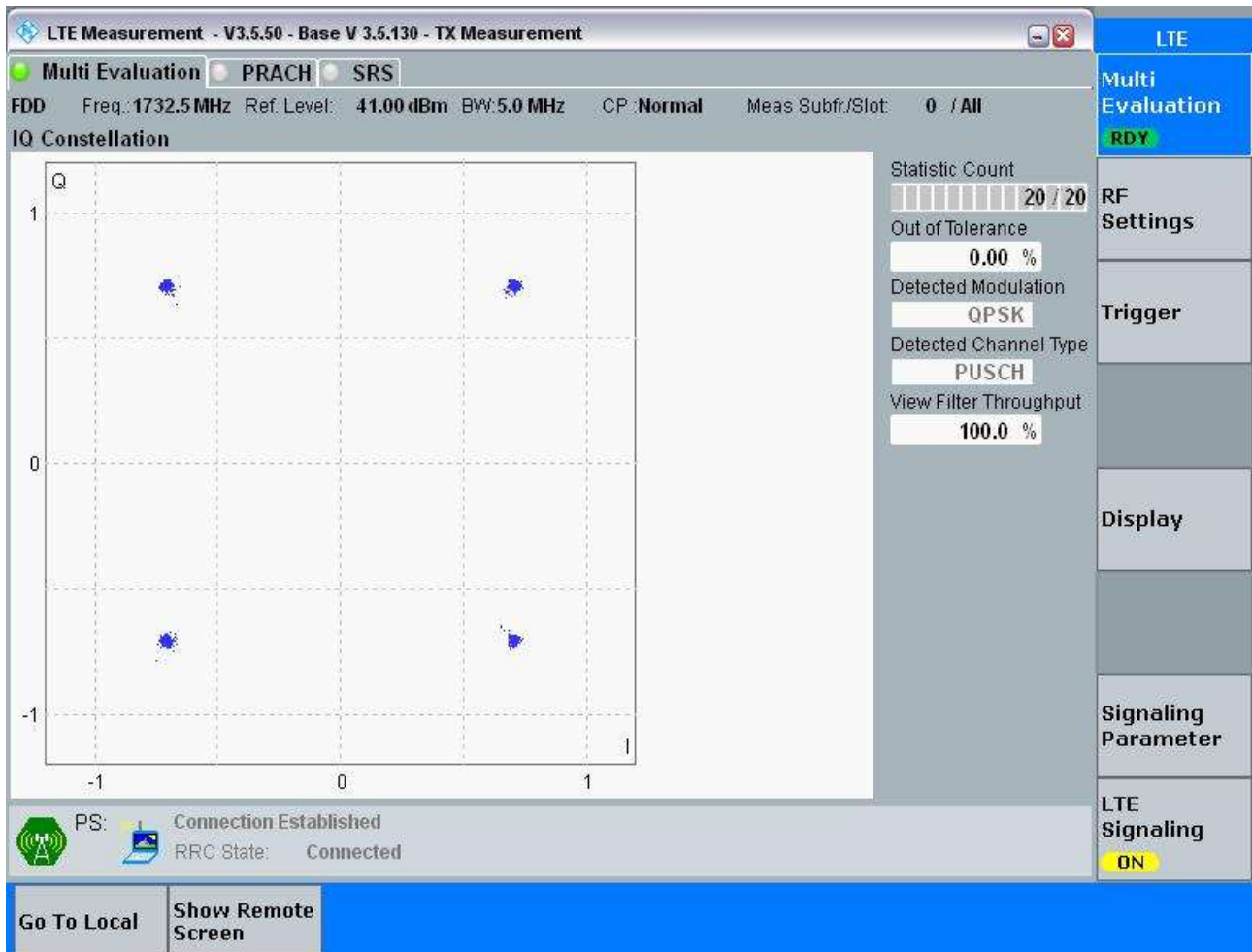
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

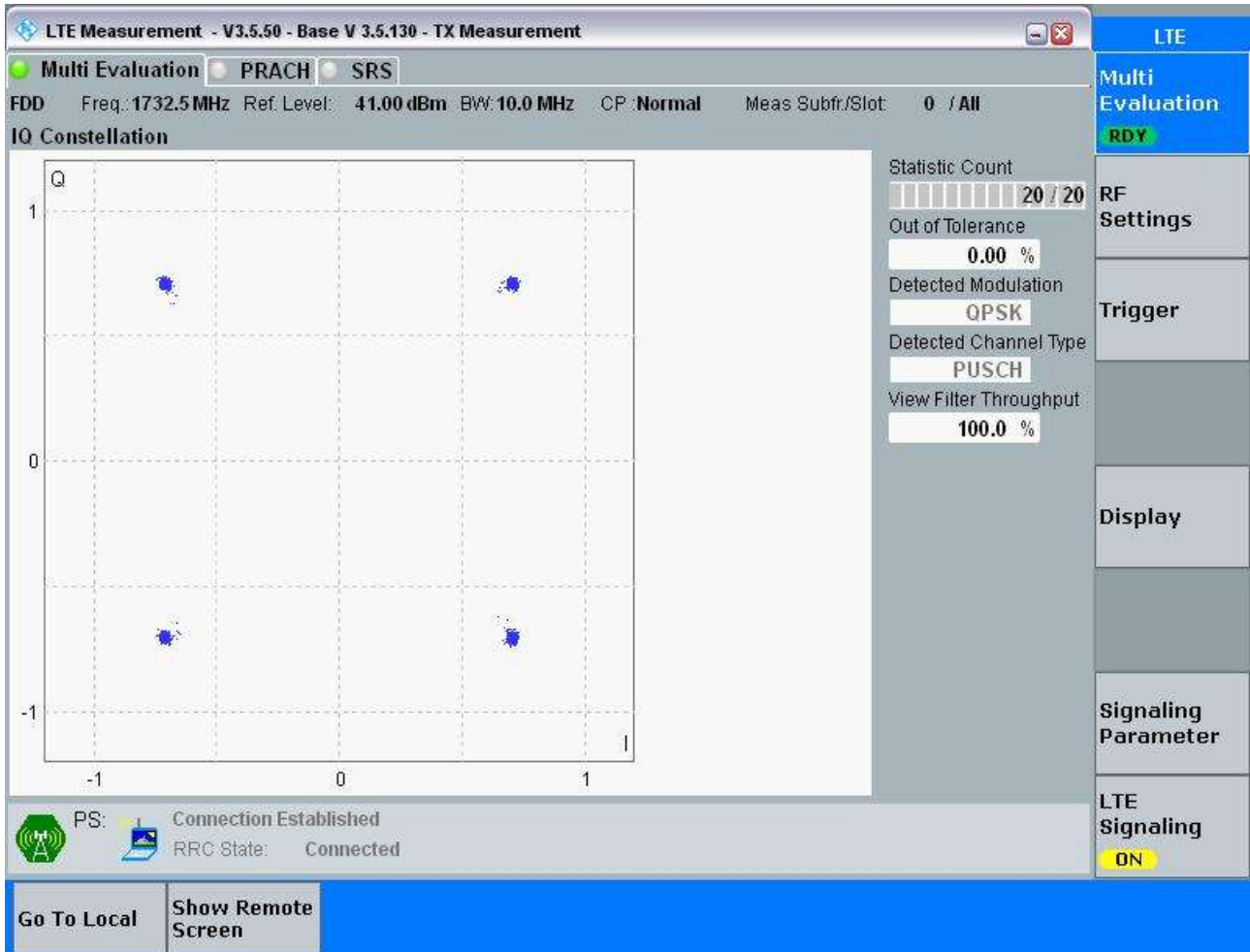
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

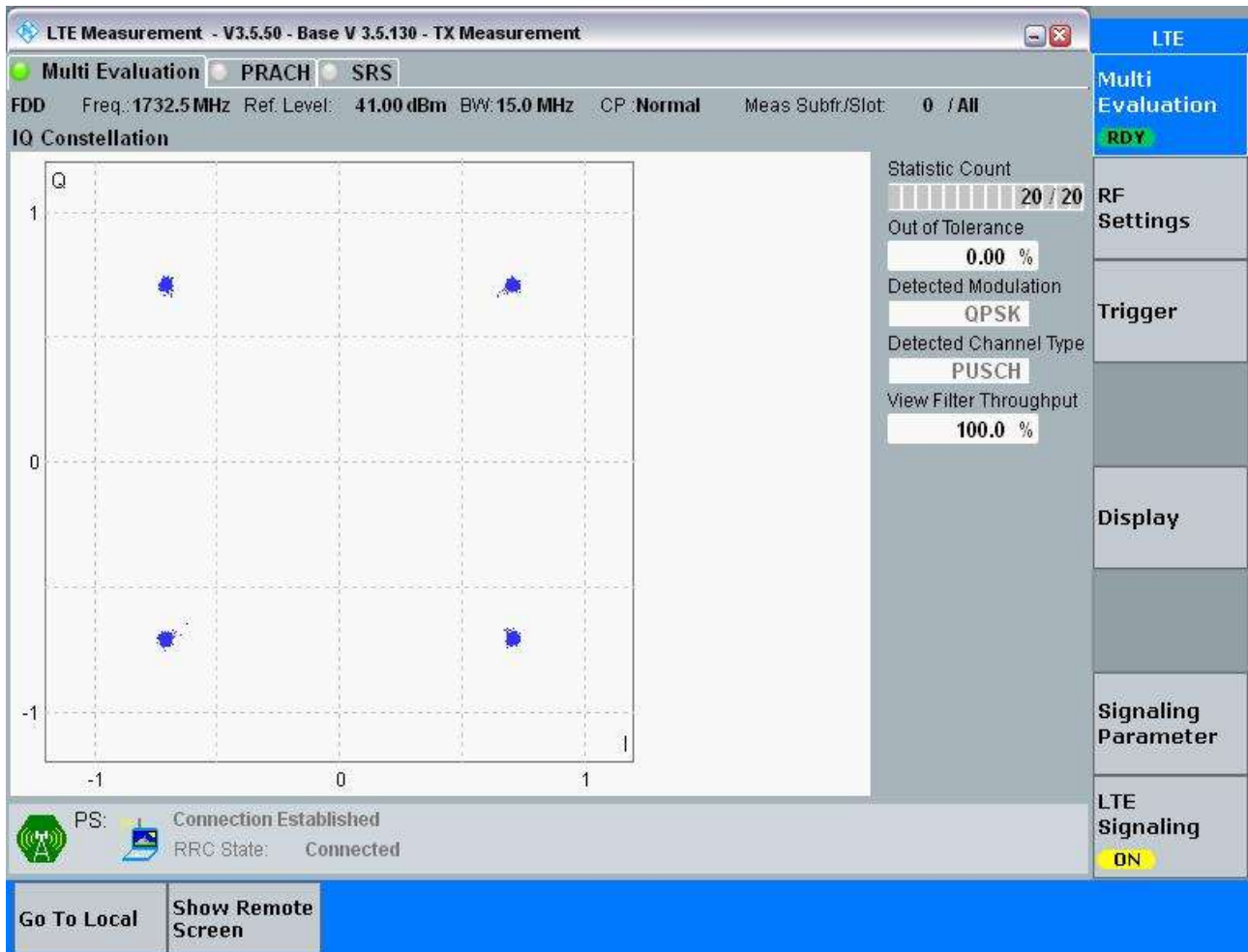
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

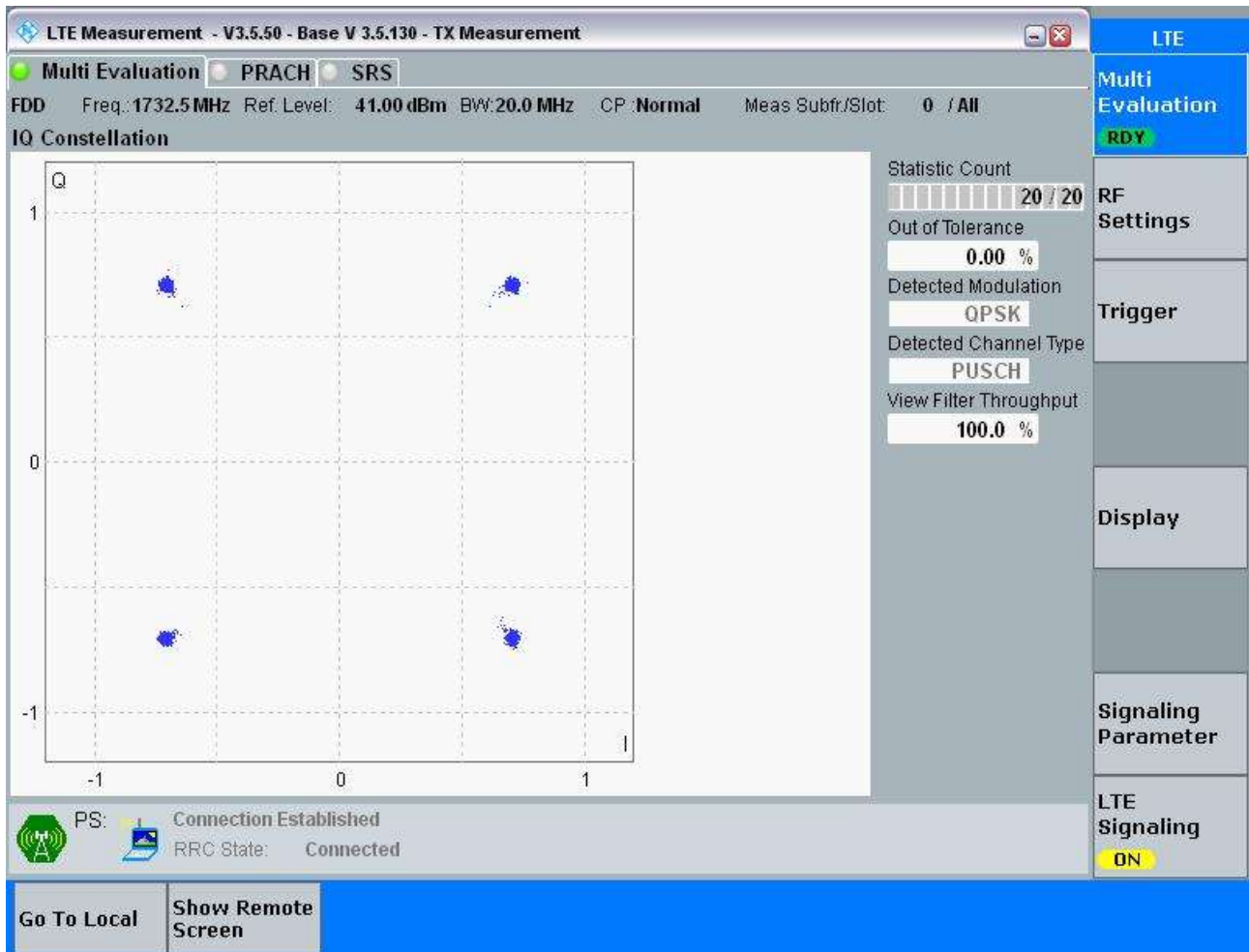
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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



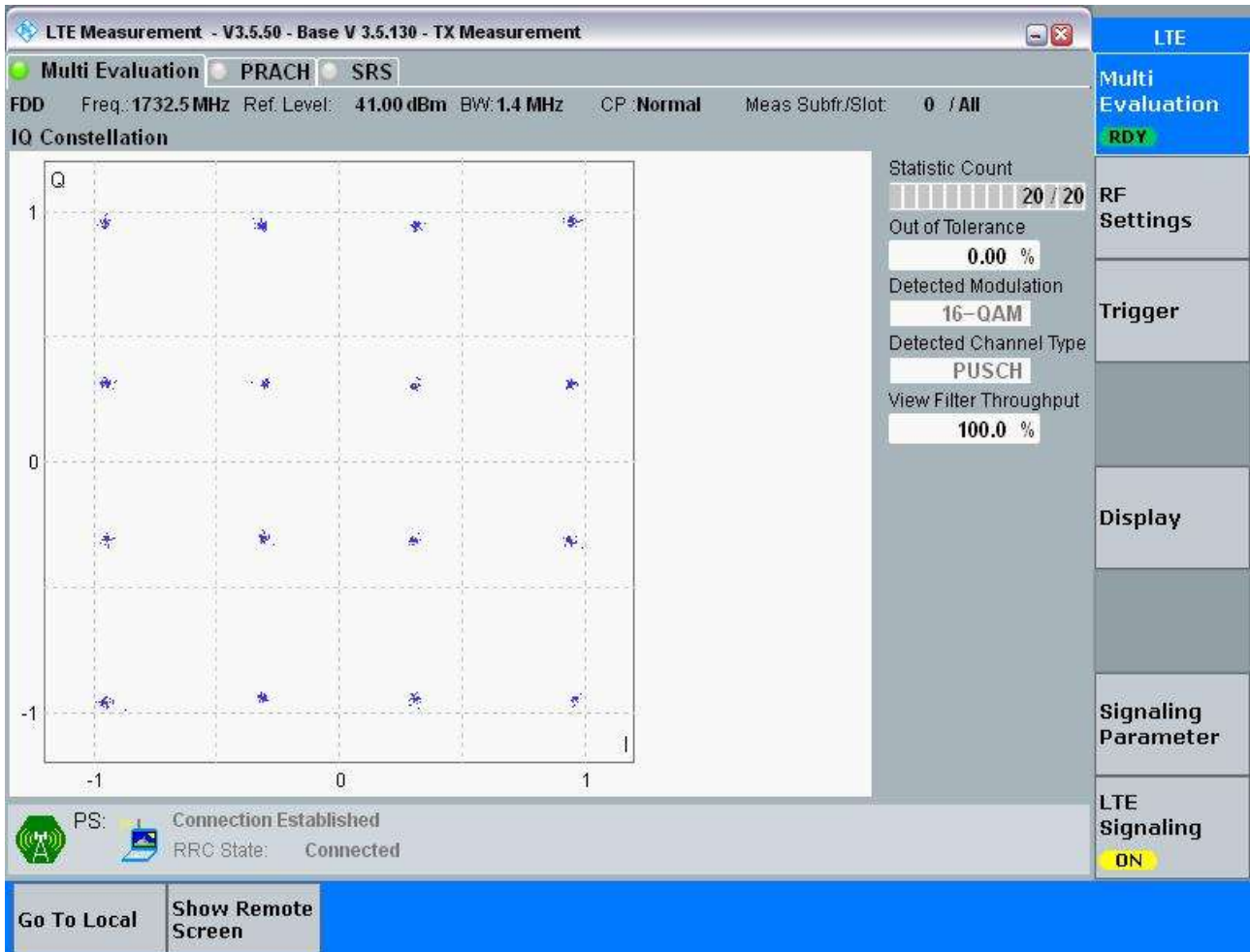


### 3.1.1.2 Test Mode = LTE/TM2

#### 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

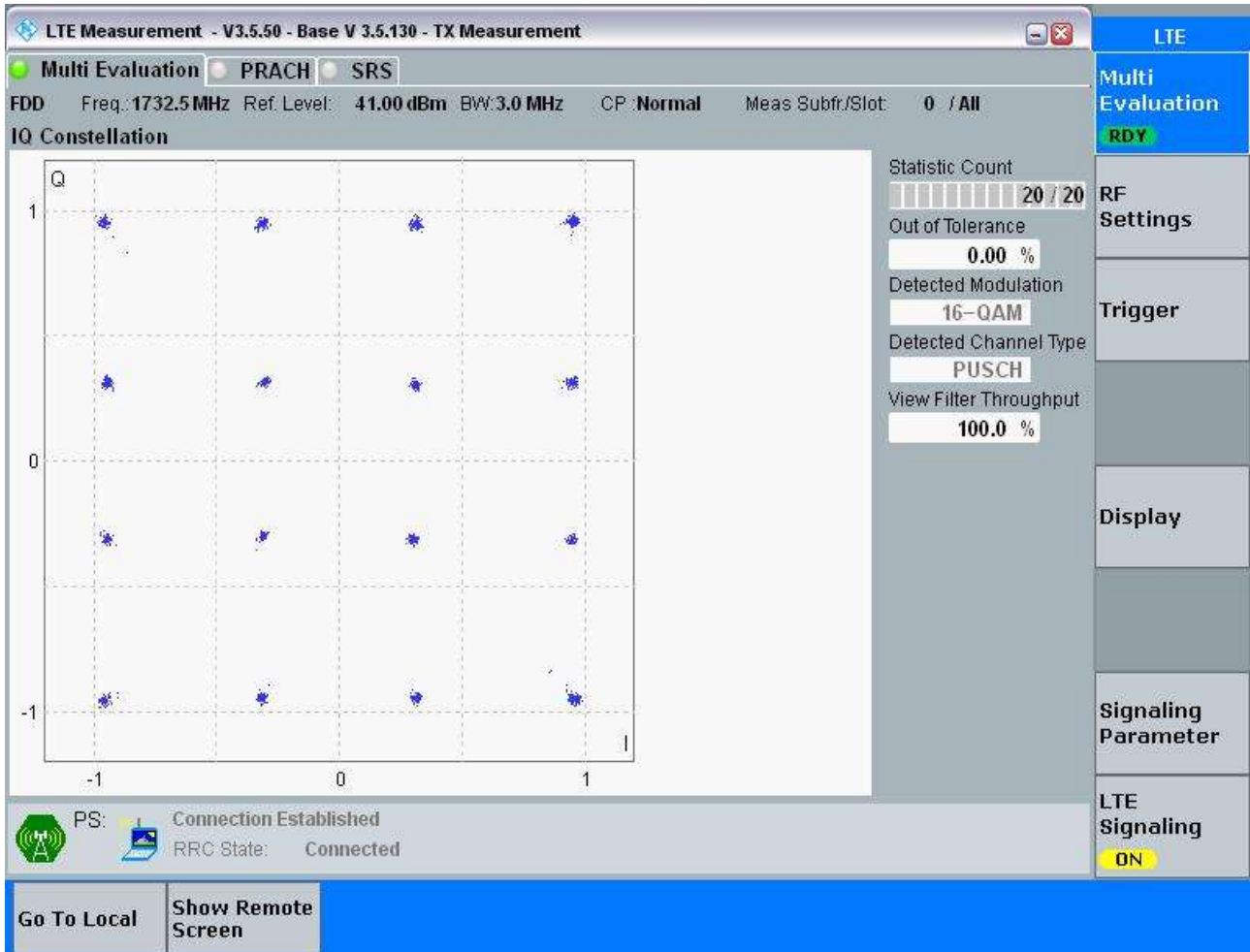




### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

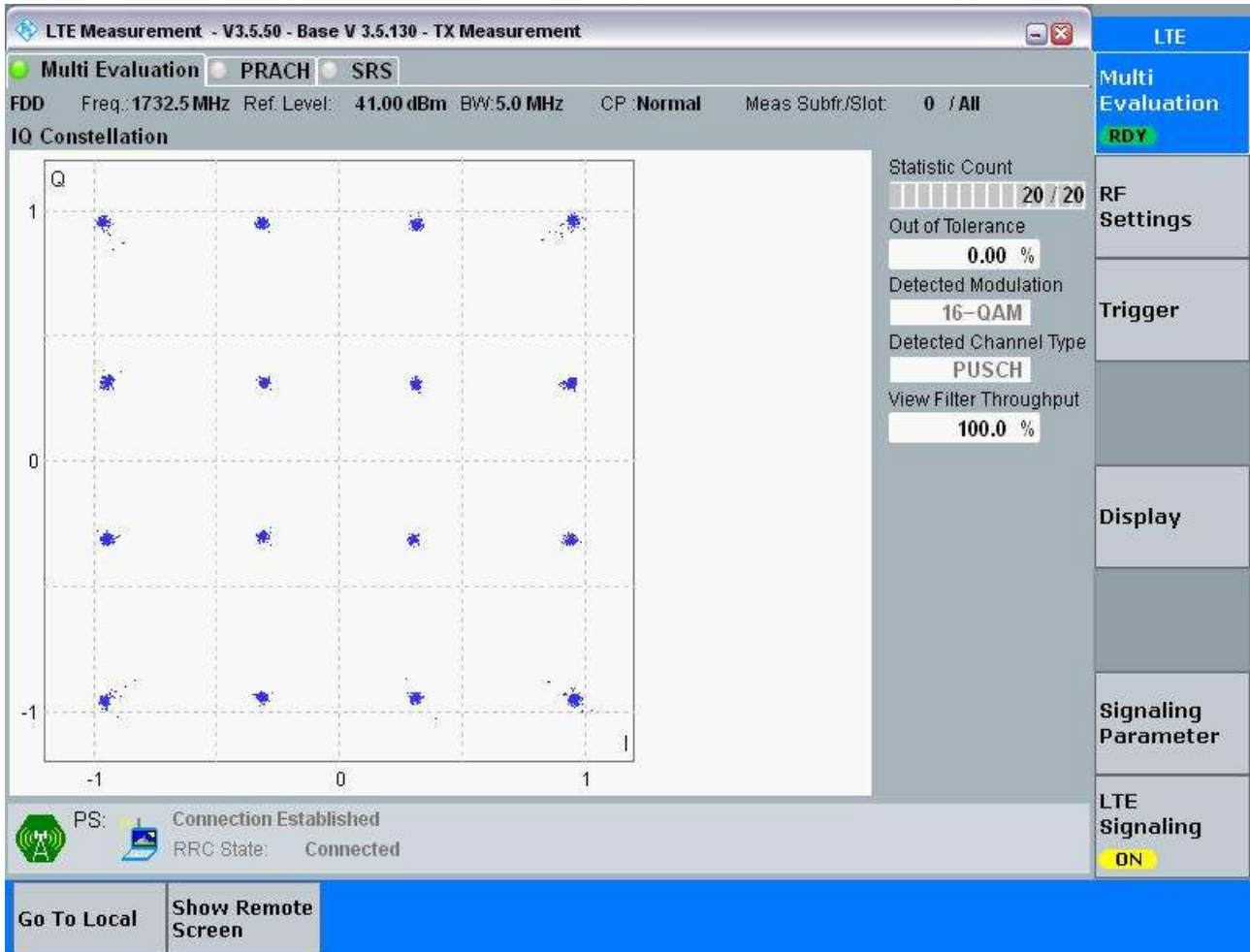
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

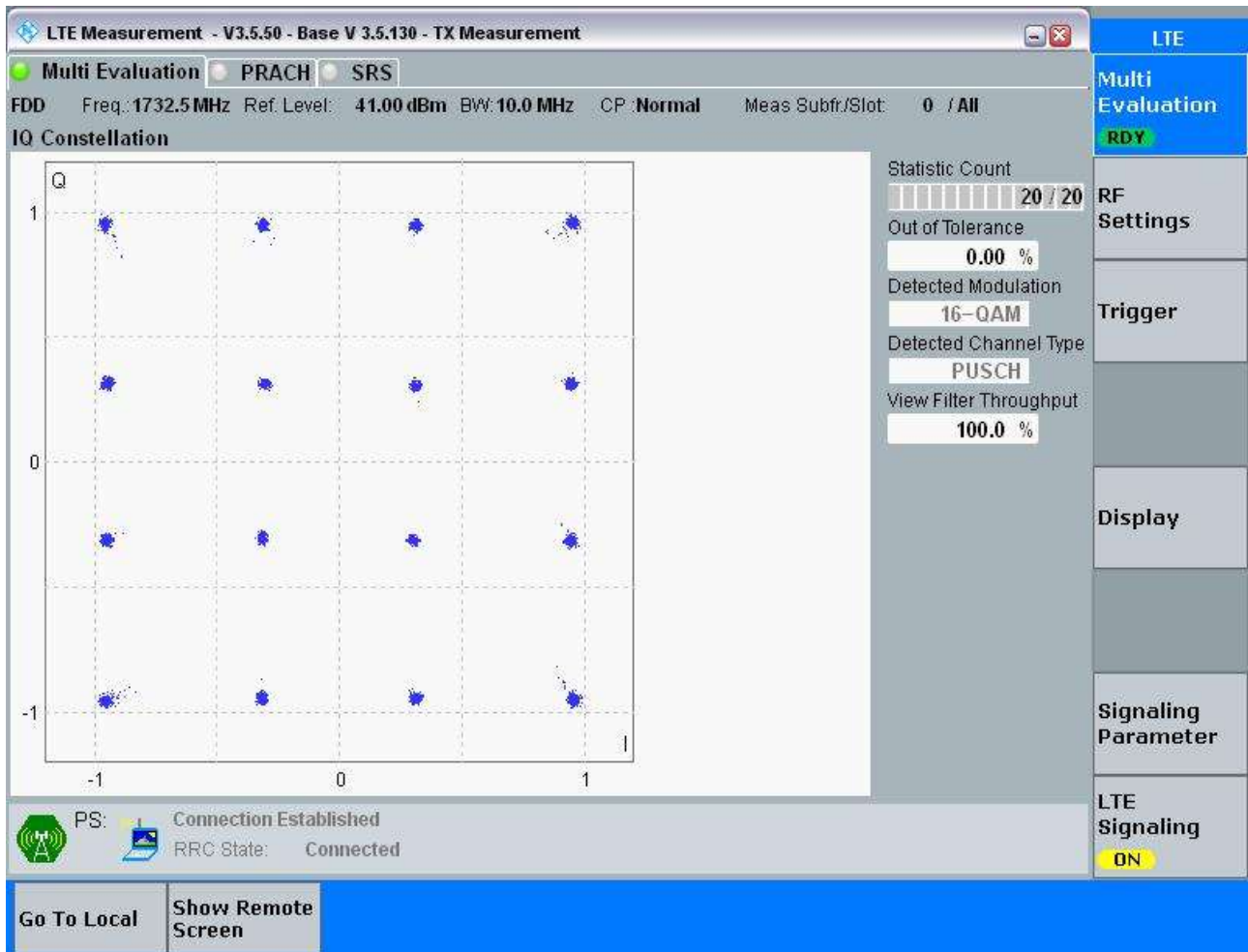
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

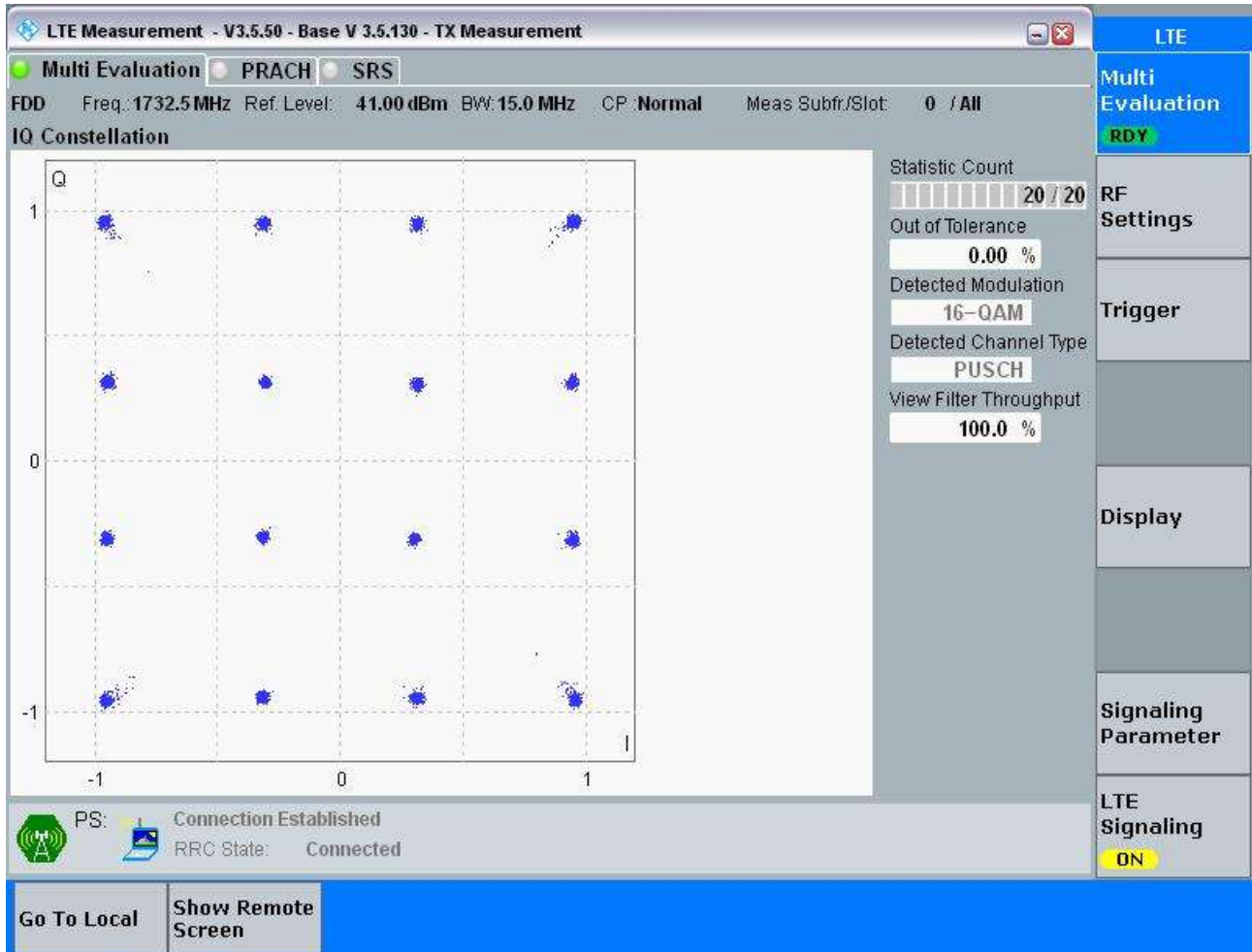
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

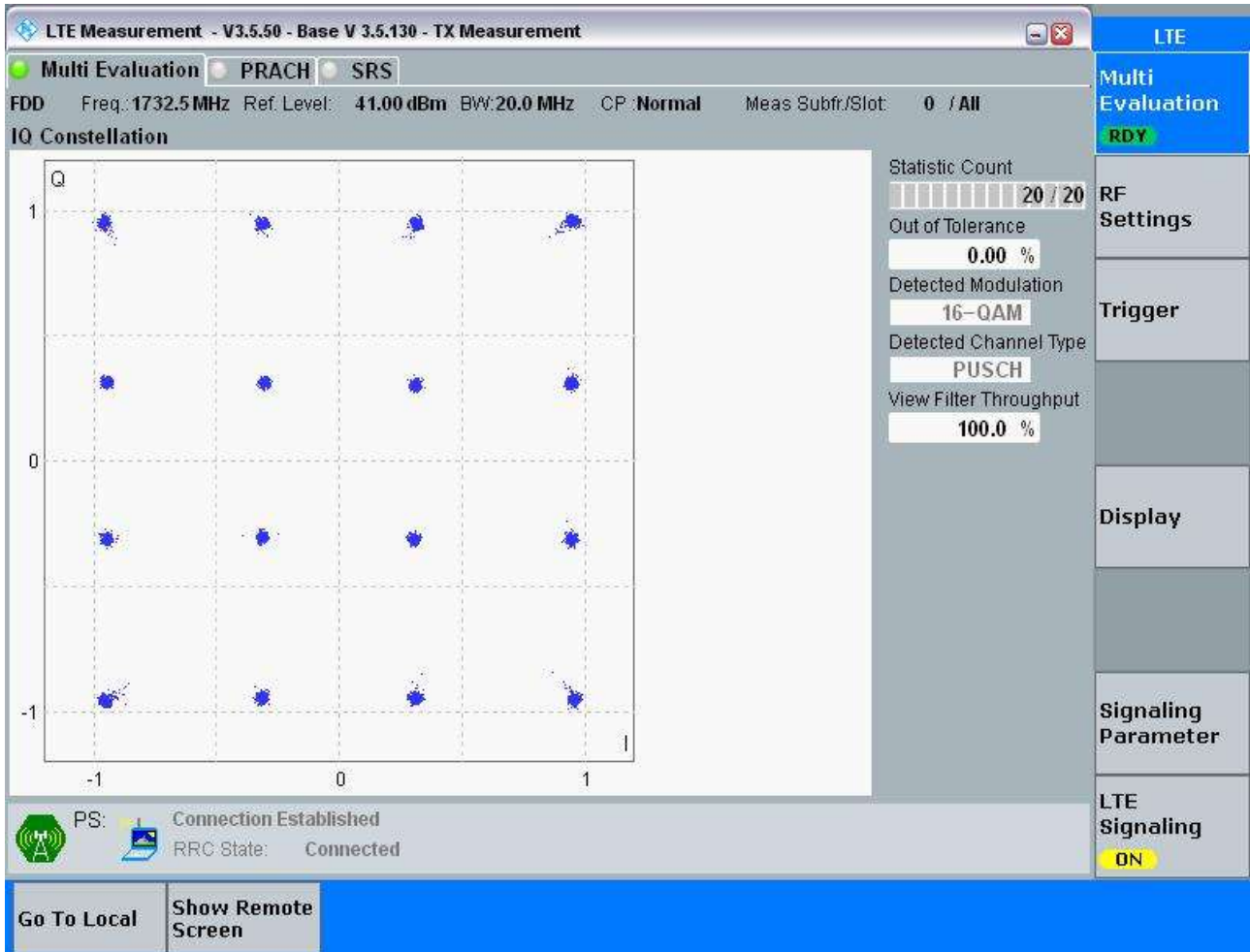
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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	1.23	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.51	4.96	Pass
			MCH	RB25#0	4.52	4.94	Pass
			HCH	RB25#0	4.51	4.94	Pass
		10	LCH	RB50#0	9.02	9.90	Pass
			MCH	RB50#0	9.01	9.91	Pass
			HCH	RB50#0	9.01	9.89	Pass
		15	LCH	RB75#0	13.53	14.89	Pass
			MCH	RB75#0	13.46	14.97	Pass
			HCH	RB75#0	13.52	14.96	Pass
		20	LCH	RB100#0	18.03	19.74	Pass
			MCH	RB100#0	17.99	19.68	Pass
			HCH	RB100#0	18.03	19.72	Pass
	LTE/TM2	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	2.72	2.98	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.72	2.98	Pass
		5	LCH	RB25#0	4.51	4.95	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.51	4.95	Pass
10		LCH	RB50#0	9.01	9.90	Pass	
		MCH	RB50#0	8.98	9.89	Pass	
		HCH	RB50#0	9.00	9.91	Pass	
15		LCH	RB75#0	13.52	14.98	Pass	
		MCH	RB75#0	13.50	14.91	Pass	
		HCH	RB75#0	13.53	15.01	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		20	LCH	RB100#0	18.03	19.74	Pass
			MCH	RB100#0	17.97	19.66	Pass
			HCH	RB100#0	18.02	19.76	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

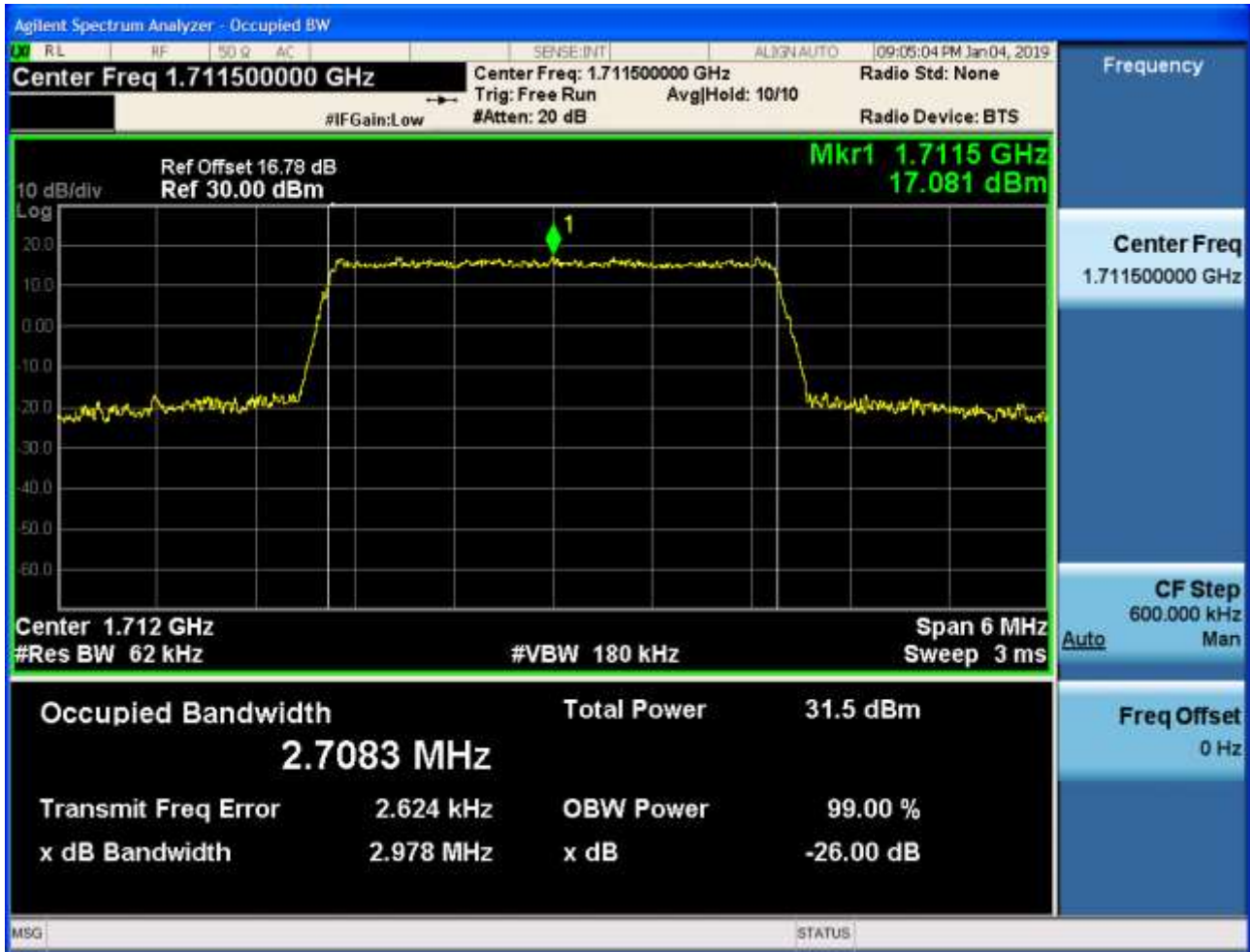
4.1.1.1.1.3.1 Test RB = RB6#0



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



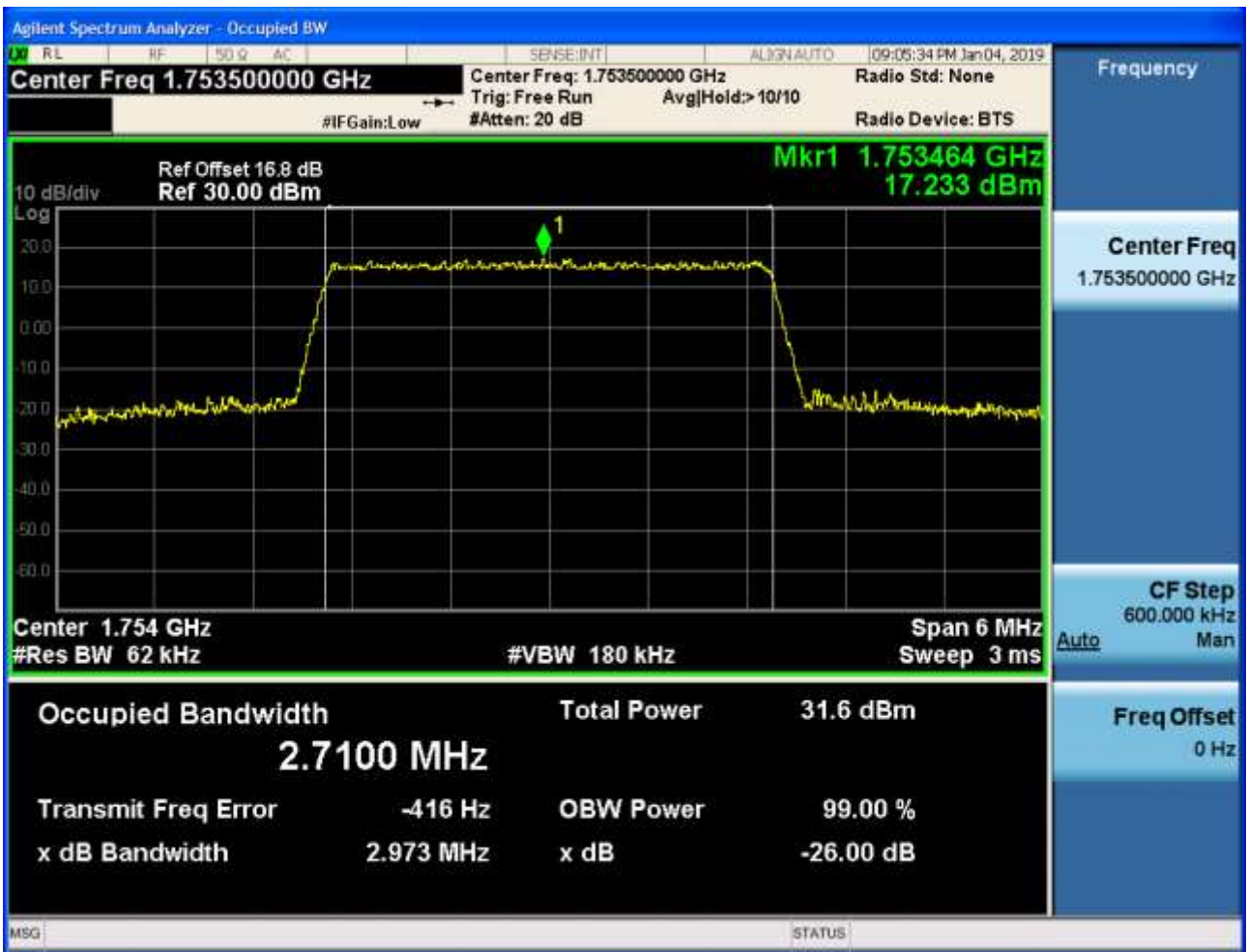
4.1.1.1.2.2 Test Channel = MCH

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

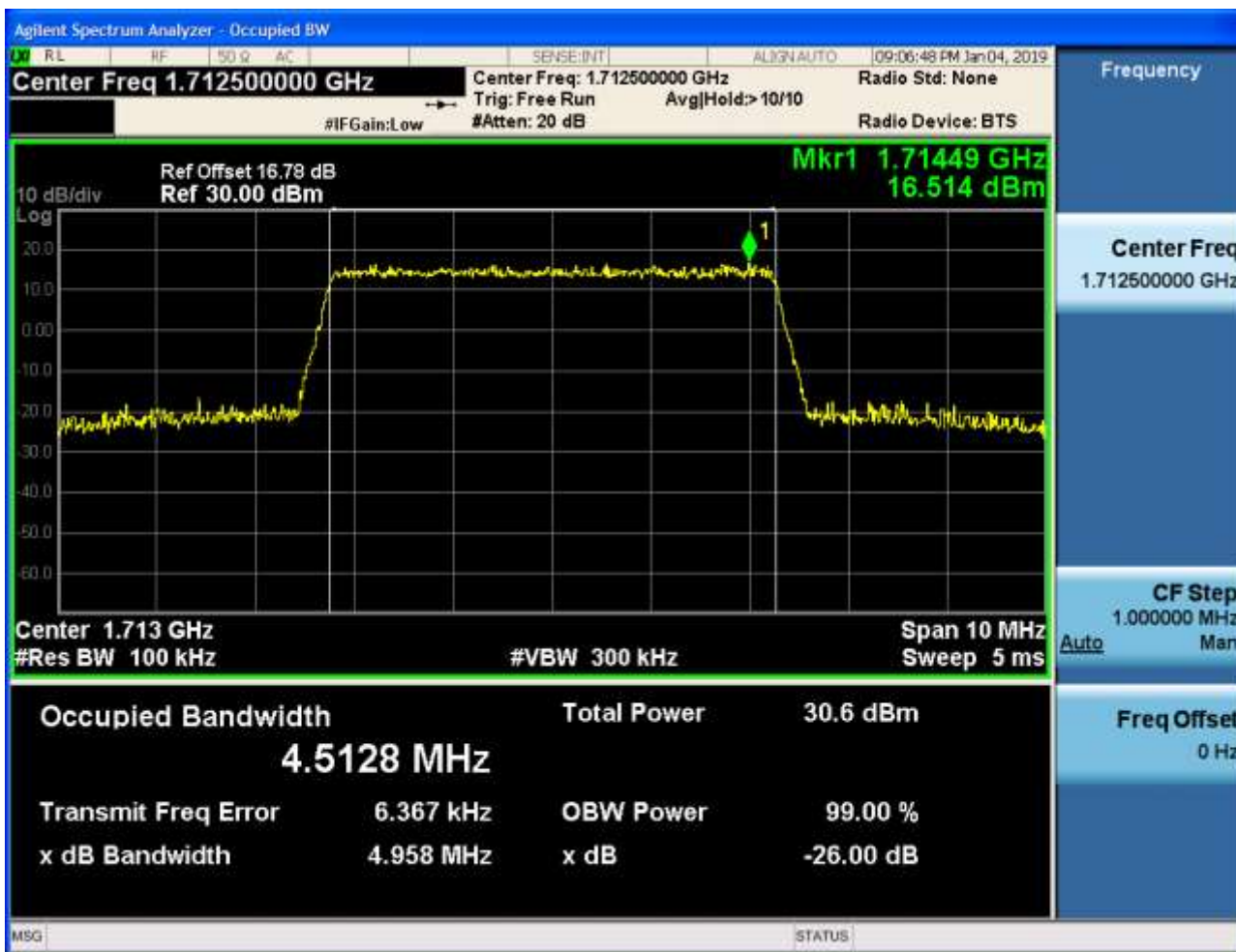




4.1.1.1.3 Test Bandwidth = 5

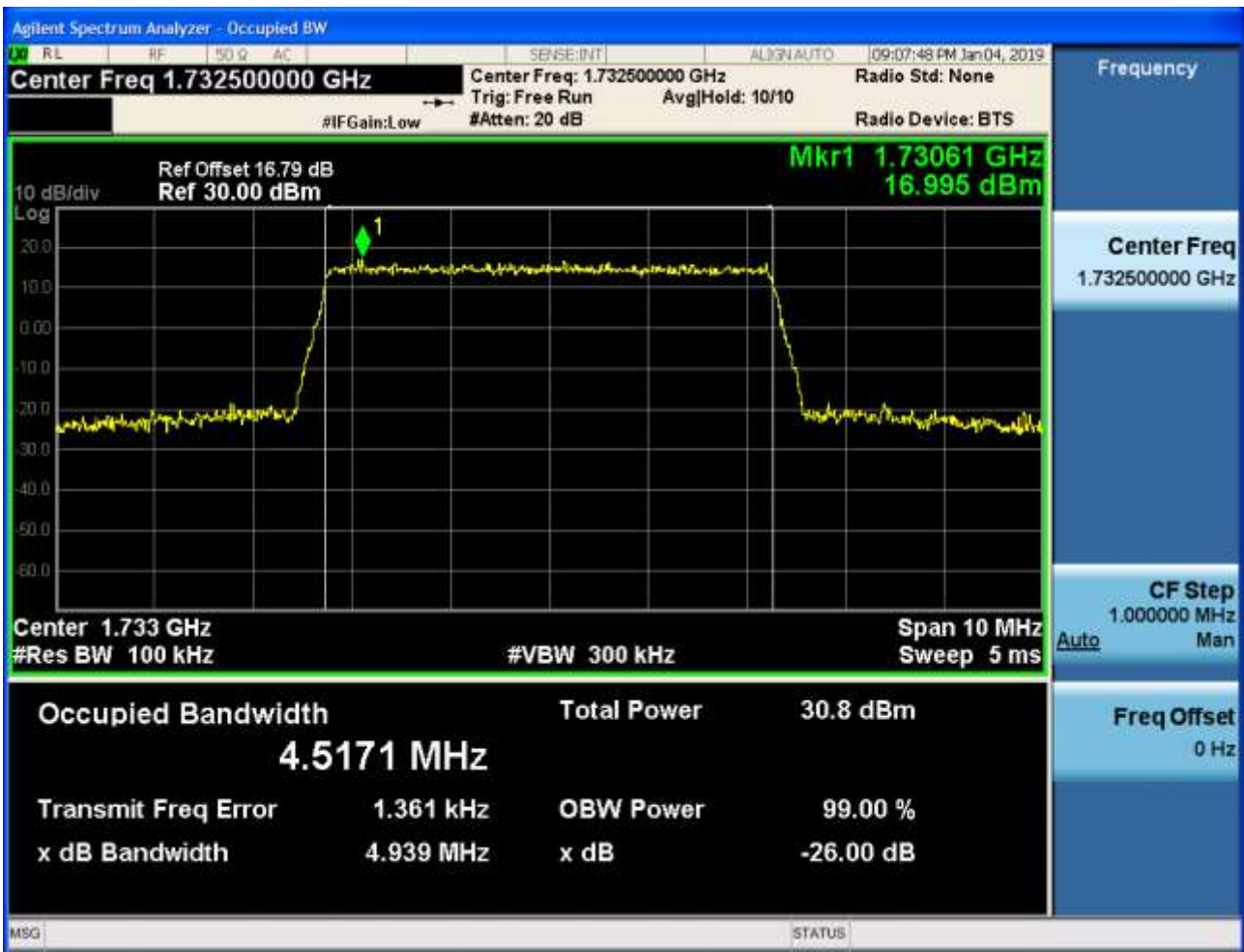
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



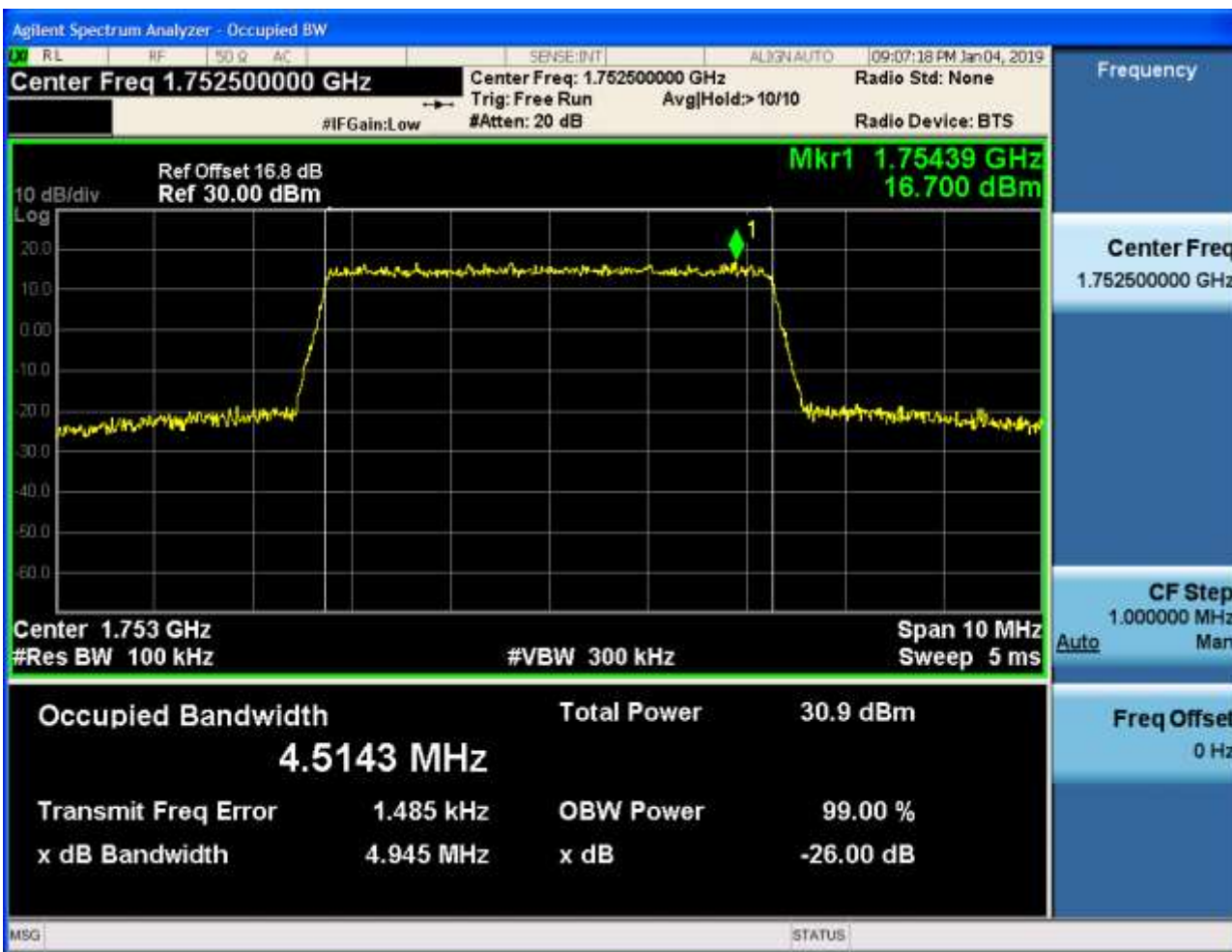
4.1.1.1.3.2 Test Channel = MCH

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

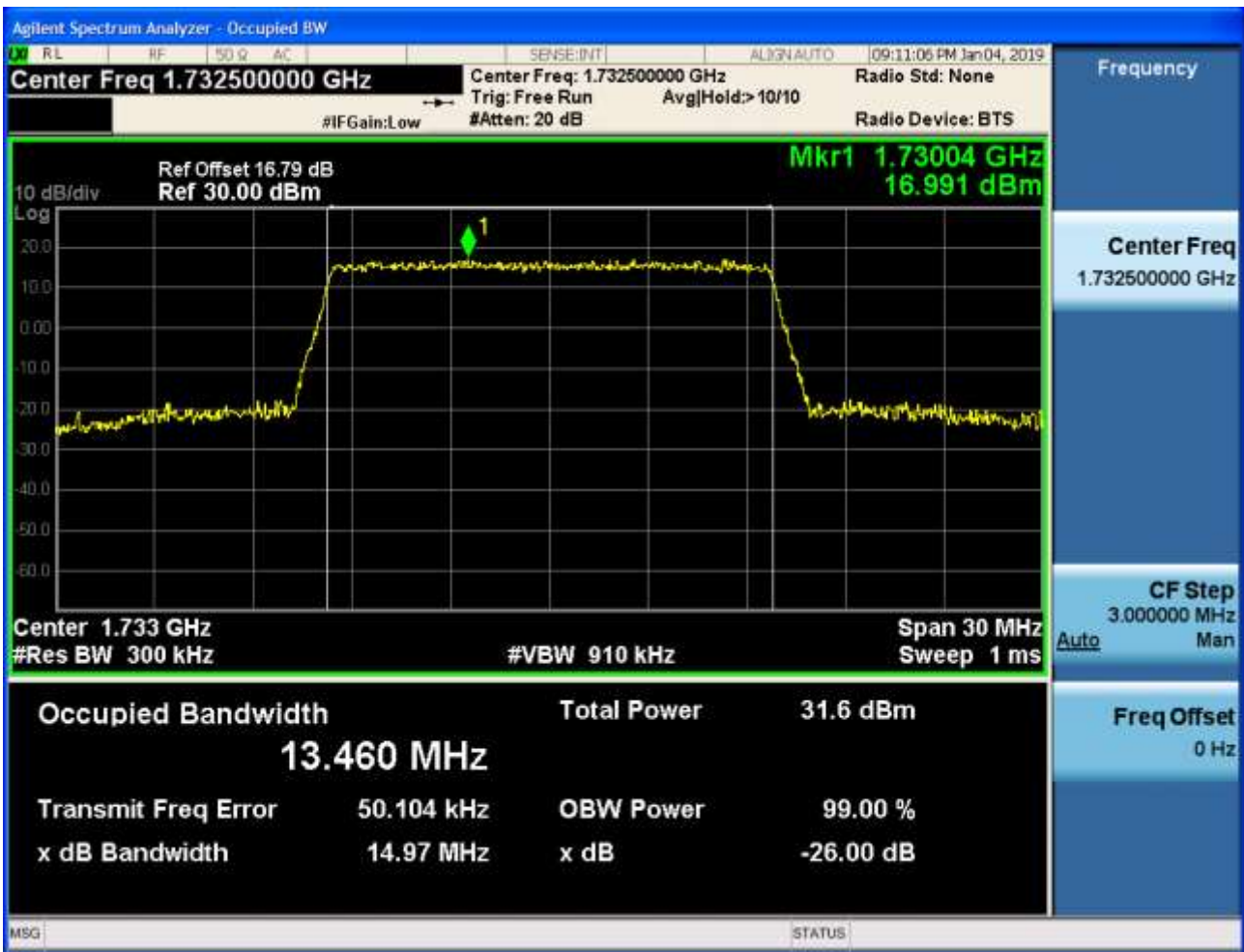
4.1.1.1.5.1 Test Channel = LCH

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

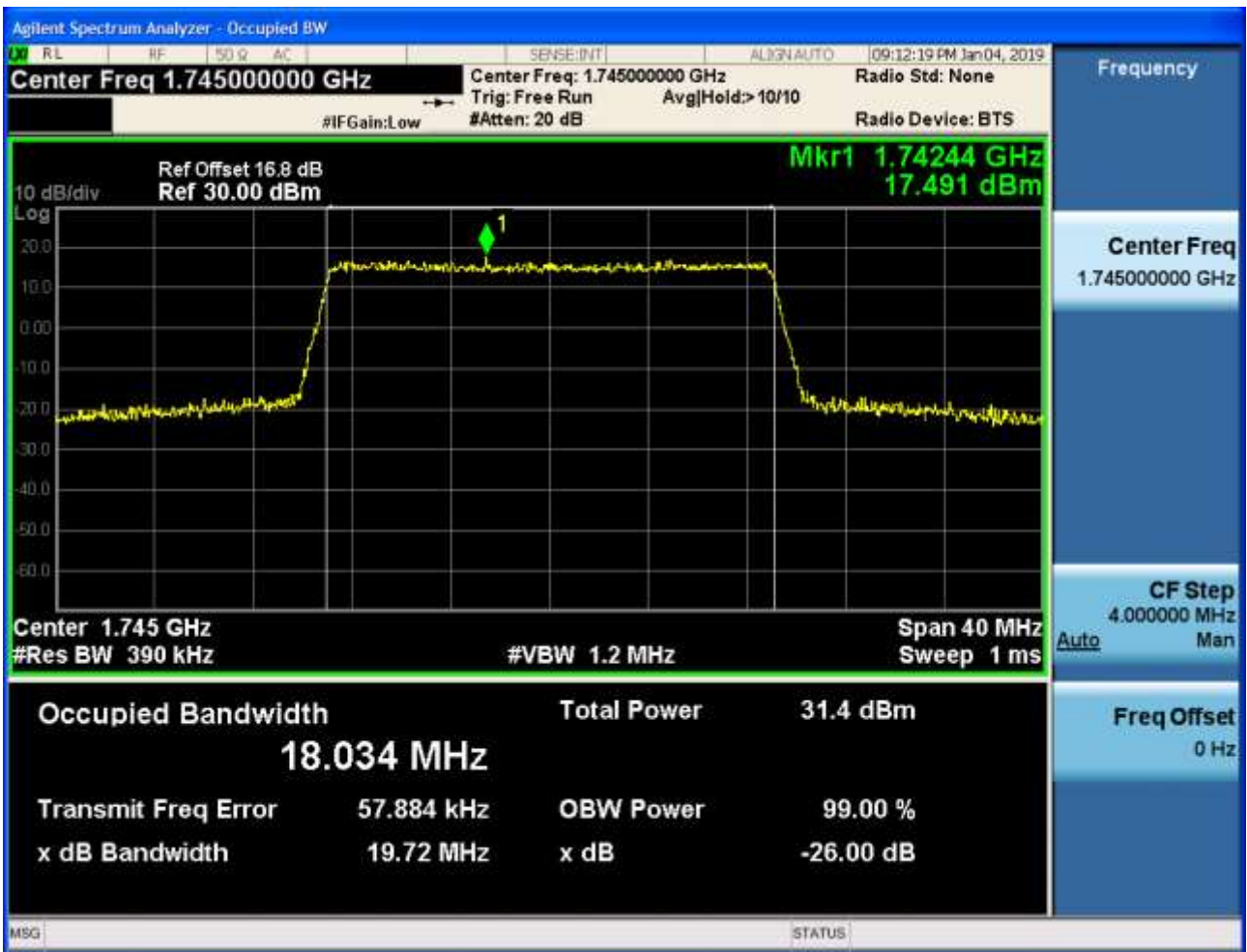
4.1.1.1.6.2.1 Test RB = RB100#0





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





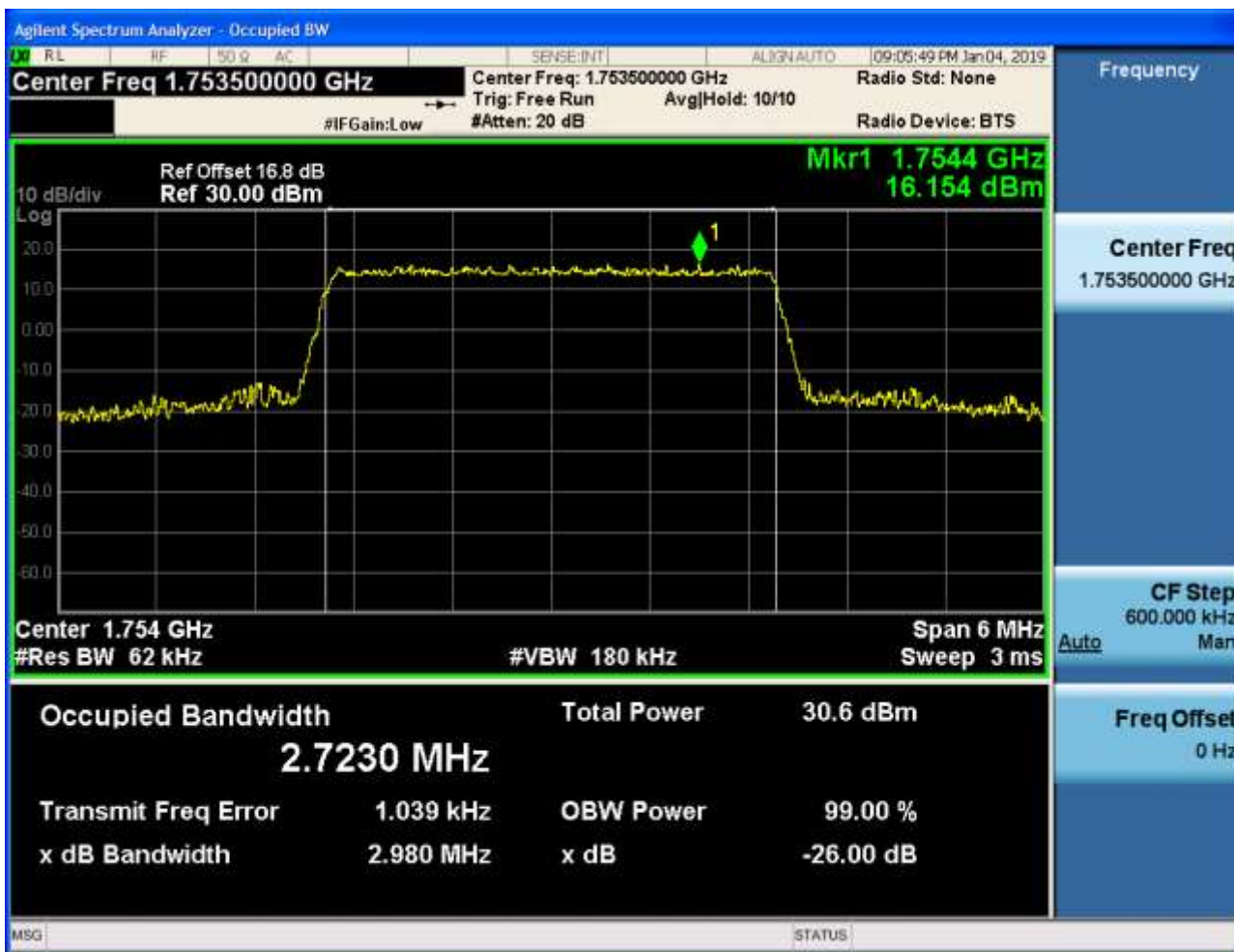
4.1.1.2.2.2 Test Channel = MCH

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

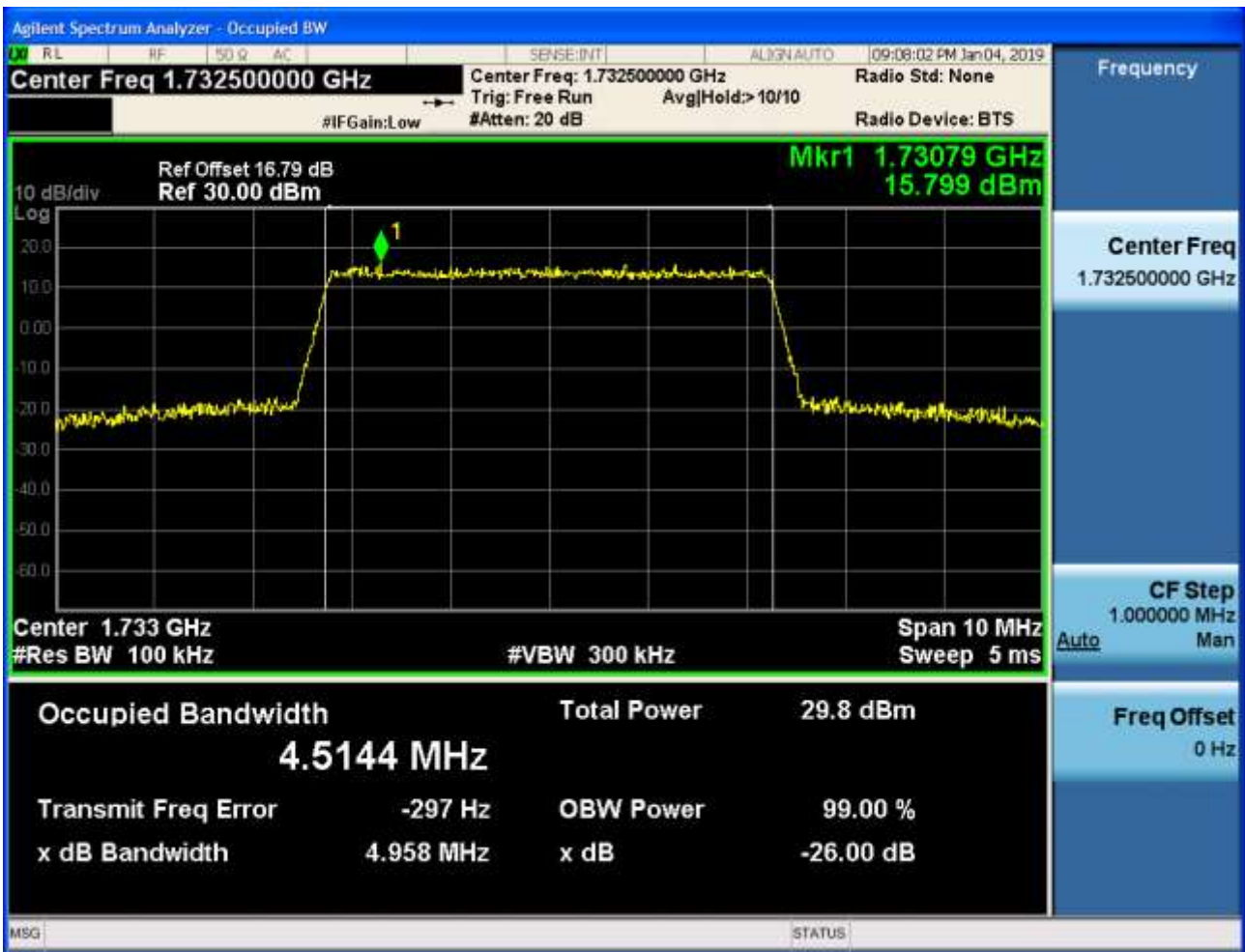
4.1.1.2.3.1.1 Test RB = RB25#0





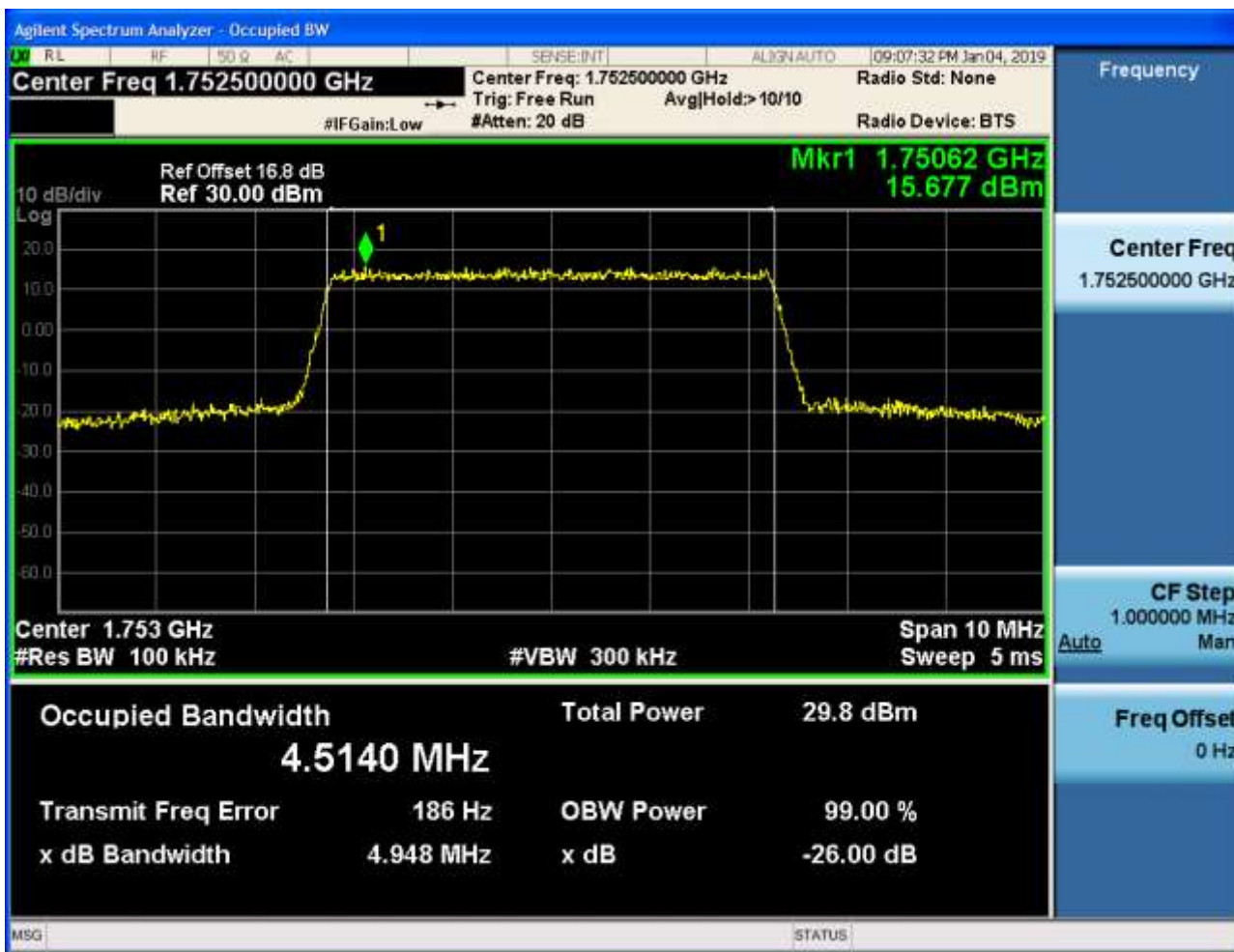
4.1.1.2.3.2 Test Channel = MCH

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

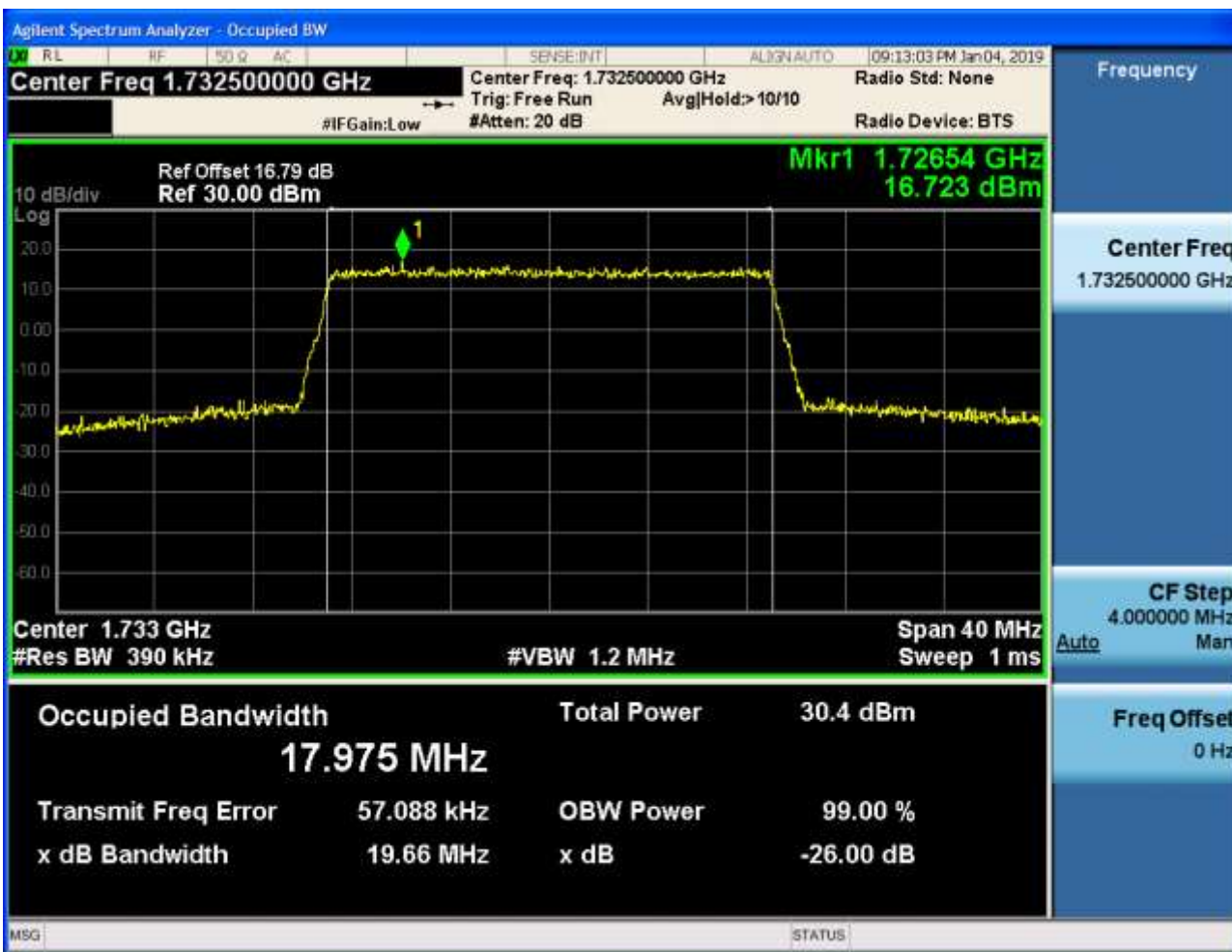
4.1.1.2.6.1 Test Channel = LCH

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

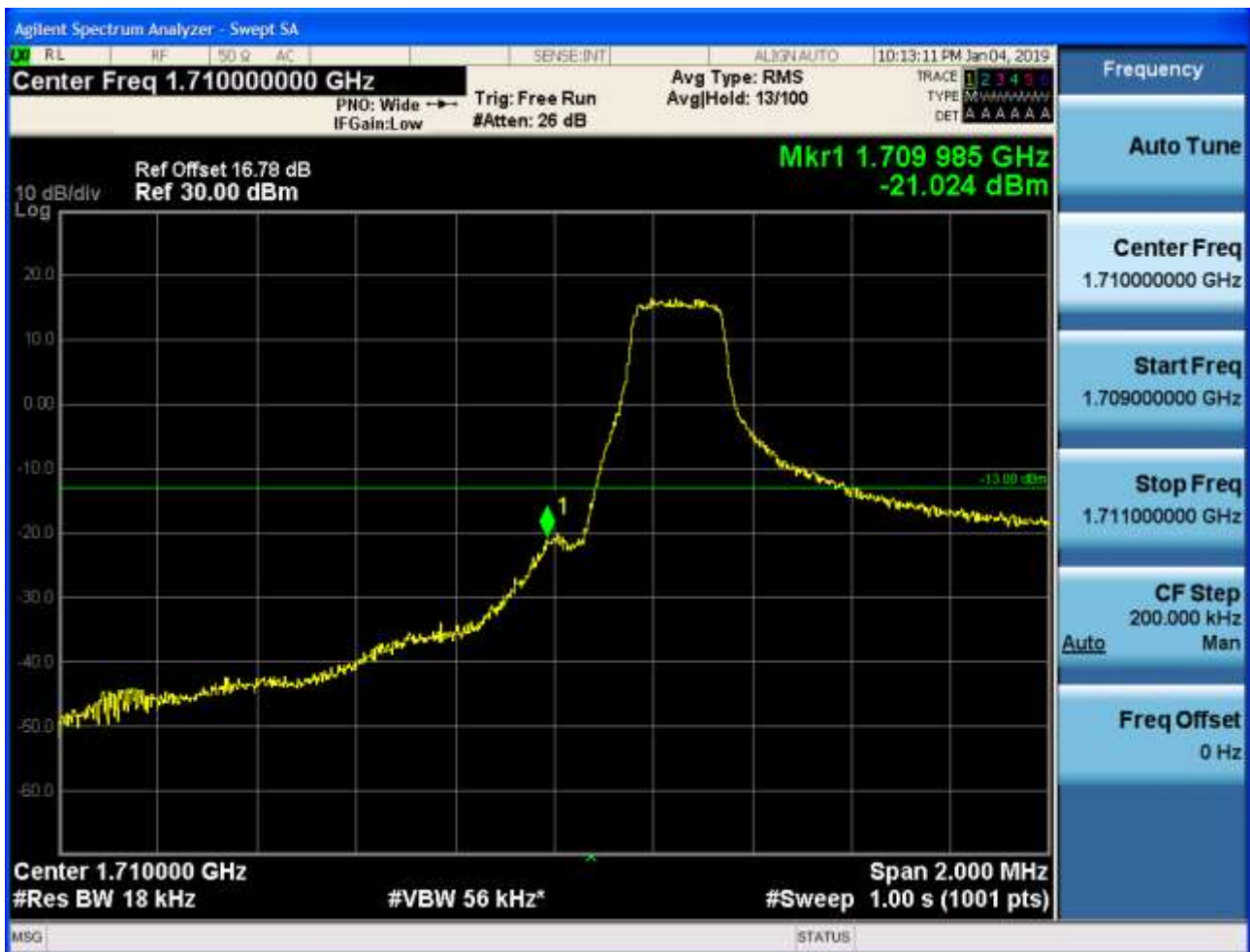
##### 5.1.1 Test Band = Band4

##### 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





5.1.1.1.2.3 Test RB = RB3#2





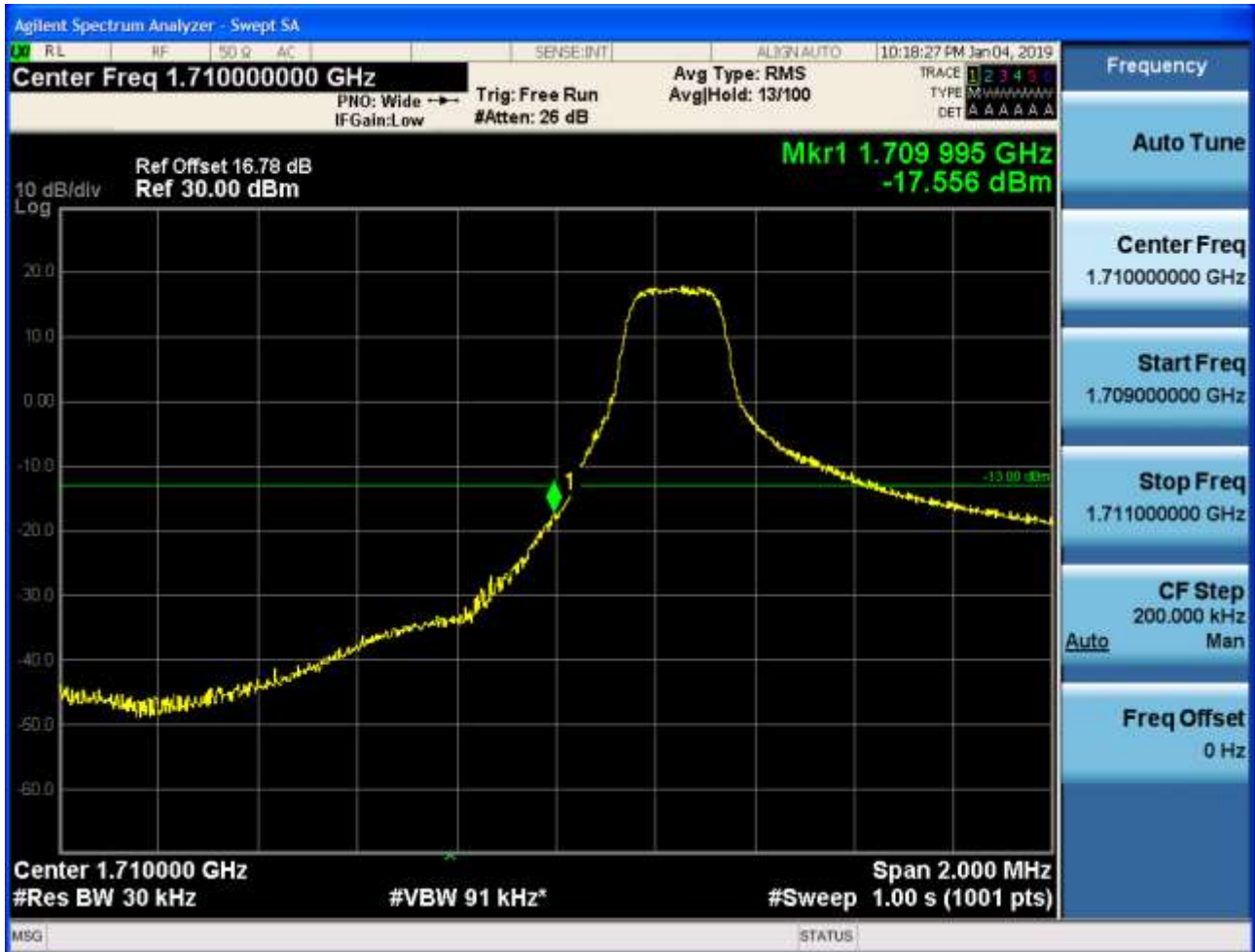
5.1.1.1.2.4 Test RB = RB6#0



## 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 = RB#4







5.1.1.1.2.1.4 Test RB = RB15#0





5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0







5.1.1.1.2.2.2 Test RB = RB1#14



## 5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0



## 5.1.1.1.3 Test Bandwidth = 5

## 5.1.1.1.3.1 Test Channel = LCH

## 5.1.1.1.3.1.1 Test RB = RB1#0





5.1.1.1.3.1.2 Test RB = RB1#24





5.1.1.1.3.1.3 Test RB = RB12#6







5.1.1.1.3.1.4 Test RB = RB25#0







5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



## 5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





5.1.1.1.3.2.4 Test RB = RB25#0



## 5.1.1.1.4 Test Bandwidth = 10

## 5.1.1.1.4.1 Test Channel = LCH

## 5.1.1.1.4.1.1 Test RB = RB1#0

