



# Appendix for test report

# 1Appendix\_A: Effective (Isotropic) Radiated Power Output Data

## Part I - Test Results

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
Band66	LTE/TM 1	1.4	LCH	RB1#0	22.40	22.90	30	PASS
				RB1#3	22.16	22.66	30	PASS
				RB1#5	22.45	22.95	30	PASS
				RB3#0	22.35	22.85	30	PASS
				RB3#2	22.40	22.90	30	PASS
				RB3#3	22.40	22.90	30	PASS
				RB6#0	21.45	21.95	30	PASS
			MCH	RB1#0	22.66	23.16	30	PASS
				RB1#3	22.38	22.88	30	PASS
				RB1#5	22.46	22.96	30	PASS
				RB3#0	22.23	22.73	30	PASS
				RB3#2	22.36	22.86	30	PASS
				RB3#3	22.36	22.86	30	PASS
				RB6#0	21.37	21.87	30	PASS

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.66	23.16	30	PASS
				RB1#3	22.29	22.79	30	PASS
				RB1#5	22.84	23.34	30	PASS
				RB3#0	22.44	22.94	30	PASS
				RB3#2	22.34	22.84	30	PASS
				RB3#3	22.36	22.86	30	PASS
				RB6#0	21.45	21.95	30	PASS
		3	LCH	RB1#0	22.51	23.01	30	PASS
				RB1#7	22.01	22.51	30	PASS
				RB1#14	22.66	23.16	30	PASS
				RB8#0	21.33	21.83	30	PASS
				RB8#4	21.38	21.88	30	PASS
				RB8#7	21.53	22.03	30	PASS
				RB15#0	21.38	21.88	30	PASS
		MCH	RB1#0	22.49	22.99	30	PASS	
			RB1#7	21.86	22.36	30	PASS	
			RB1#14	22.52	23.02	30	PASS	

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.60	22.10	30	PASS	
				RB8#4	21.60	22.10	30	PASS	
				RB8#7	21.51	22.01	30	PASS	
				RB15#0	21.62	22.12	30	PASS	
			HCH	RB1#0	22.63	23.13	30	PASS	
				RB1#7	22.20	22.70	30	PASS	
				RB1#14	22.64	23.14	30	PASS	
				RB8#0	21.65	22.15	30	PASS	
				RB8#4	21.56	22.06	30	PASS	
				RB8#7	21.41	21.91	30	PASS	
				RB15#0	21.50	22.00	30	PASS	
				5	LCH	RB1#0	22.43	22.93	30
			RB1#13			22.63	23.13	30	PASS
			RB1#24			22.64	23.14	30	PASS
		RB12#0	21.52			22.02	30	PASS	
		RB12#6	21.44			21.94	30	PASS	
		RB12#1	21.53			22.03	30	PASS	



Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				3				
				RB25#0	21.42	21.92	30	PASS
			MCH	RB1#0	22.61	23.11	30	PASS
				RB1#13	22.70	23.20	30	PASS
				RB1#24	22.55	23.05	30	PASS
				RB12#0	21.57	22.07	30	PASS
				RB12#6	21.57	22.07	30	PASS
				RB12#13	21.53	22.03	30	PASS
				RB25#0	21.50	22.00	30	PASS
				HCH	RB1#0	22.57	23.07	30
			RB1#13		22.67	23.17	30	PASS
			RB1#24		22.56	23.06	30	PASS
			RB12#0		21.49	21.99	30	PASS
			RB12#6		21.46	21.96	30	PASS
			RB12#13		21.67	22.17	30	PASS
			RB25#0		21.61	22.11	30	PASS



Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		10	LCH	RB1#0	22.68	23.18	30	PASS
				RB1#25	22.24	22.74	30	PASS
				RB1#49	22.64	23.14	30	PASS
				RB25#0	21.46	21.96	30	PASS
				RB25#13	21.60	22.10	30	PASS
				RB25#25	21.44	21.94	30	PASS
				RB50#0	21.37	21.87	30	PASS
			MCH	RB1#0	22.51	23.01	30	PASS
				RB1#25	22.36	22.86	30	PASS
				RB1#49	22.51	23.01	30	PASS
				RB25#0	21.64	22.14	30	PASS
				RB25#13	21.57	22.07	30	PASS
				RB25#25	21.49	21.99	30	PASS
			HCH	RB50#0	21.65	22.15	30	PASS
HCH	RB1#0	22.52	23.02	30	PASS			

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.16	22.66	30	PASS
				RB1#49	22.55	23.05	30	PASS
				RB25#0	21.47	21.97	30	PASS
				RB25#13	21.65	22.15	30	PASS
				RB25#25	21.66	22.16	30	PASS
				RB50#0	21.66	22.16	30	PASS
		15	LCH	RB1#0	22.70	23.20	30	PASS
				RB1#38	22.43	22.93	30	PASS
				RB1#74	22.76	23.26	30	PASS
				RB38#0	21.51	22.01	30	PASS
				RB38#19	21.43	21.93	30	PASS
				RB38#39	21.50	22.00	30	PASS
				RB75#0	21.68	22.18	30	PASS
				MCH	RB1#0	22.57	23.07	30
RB1#38	22.62	23.12	30		PASS			

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#74	22.50	23.00	30	PASS		
				RB38#0	21.60	22.10	30	PASS		
				RB38#19	21.51	22.01	30	PASS		
				RB38#39	21.48	21.98	30	PASS		
				RB75#0	21.53	22.03	30	PASS		
			HCH	RB1#0	22.47	22.97	30	PASS		
				RB1#38	22.54	23.04	30	PASS		
				RB1#74	22.56	23.06	30	PASS		
				RB38#0	21.57	22.07	30	PASS		
				RB38#19	21.47	21.97	30	PASS		
		20	LCH		RB38#39	21.73	22.23	30	PASS	
					RB75#0	21.68	22.18	30	PASS	
					RB1#0	22.84	23.34	30	PASS	
						RB1#50	22.33	22.83	30	PASS
						RB1#99	22.80	23.30	30	PASS



Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.72	22.22	30	PASS
				RB50#25	21.62	22.12	30	PASS
				RB50#50	21.72	22.22	30	PASS
				RB100#0	21.47	21.97	30	PASS
			MCH	RB1#0	22.69	23.19	30	PASS
				RB1#50	22.17	22.67	30	PASS
				RB1#99	22.75	23.25	30	PASS
				RB50#0	21.57	22.07	30	PASS
				RB50#25	21.55	22.05	30	PASS
				RB50#50	21.49	21.99	30	PASS
				RB100#0	21.55	22.05	30	PASS
			HCH	RB1#0	22.89	23.39	30	PASS
				RB1#50	22.32	22.82	30	PASS
				RB1#99	22.85	23.35	30	PASS

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB50#0	21.52	22.02	30	PASS	
				RB50#25	21.46	21.96	30	PASS	
				RB50#50	21.73	22.23	30	PASS	
				RB100#0	21.58	22.08	30	PASS	
				LCH	RB1#0	21.64	22.14	30	PASS
					RB1#3	21.38	21.88	30	PASS
					RB1#5	21.56	22.06	30	PASS
					RB3#0	21.28	21.78	30	PASS
	RB3#2	21.41	21.91		30	PASS			
	RB3#3	21.27	21.77		30	PASS			
	RB6#0	20.37	20.87		30	PASS			
	MCH	RB1#0	21.69		22.19	30	PASS		
		RB1#3	21.60	22.10	30	PASS			
		RB1#5	21.72	22.22	30	PASS			
		RB3#0	21.38	21.88	30	PASS			

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB3#2	21.50	22.00	30	PASS
				RB3#3	21.37	21.87	30	PASS
				RB6#0	20.41	20.91	30	PASS
			HCH	RB1#0	21.81	22.31	30	PASS
				RB1#3	21.26	21.76	30	PASS
				RB1#5	21.66	22.16	30	PASS
				RB3#0	21.32	21.82	30	PASS
				RB3#2	21.46	21.96	30	PASS
				RB3#3	21.32	21.82	30	PASS
				RB6#0	20.37	20.87	30	PASS
				LCH	RB1#0	22.35	22.85	30
			RB1#7		21.89	22.39	30	PASS
			RB1#14		21.87	22.37	30	PASS
			RB8#0		20.41	20.91	30	PASS
			RB8#4		20.40	20.90	30	PASS
RB8#7	20.48	20.98	30		PASS			
RB15#0	20.40	20.90	30		PASS			

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.03	22.53	30	PASS
				RB1#7	21.29	21.79	30	PASS
				RB1#14	21.99	22.49	30	PASS
				RB8#0	20.57	21.07	30	PASS
				RB8#4	20.59	21.09	30	PASS
				RB8#7	20.47	20.97	30	PASS
				RB15#0	20.59	21.09	30	PASS
			HCH	RB1#0	21.58	22.08	30	PASS
				RB1#7	21.61	22.11	30	PASS
				RB1#14	22.08	22.58	30	PASS
				RB8#0	20.39	20.89	30	PASS
				RB8#4	20.58	21.08	30	PASS
				RB8#7	20.54	21.04	30	PASS
				RB15#0	20.50	21.00	30	PASS
			5	LCH	RB1#0	21.76	22.26	30
RB1#13	21.83	22.33			30	PASS		
RB1#24	22.04	22.54			30	PASS		

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm ]	EIRP [dBm ]	Limit [dBm ]	Verdict
				RB12#0	20.56	21.06	30	PASS
				RB12#6	20.48	20.98	30	PASS
				RB12#13	20.77	21.27	30	PASS
				RB25#0	20.36	20.86	30	PASS
			MCH	RB1#0	21.76	22.26	30	PASS
				RB1#13	21.92	22.42	30	PASS
				RB1#24	21.77	22.27	30	PASS
				RB12#0	20.60	21.10	30	PASS
				RB12#6	20.46	20.96	30	PASS
				RB12#13	20.48	20.98	30	PASS
				RB25#0	20.41	20.91	30	PASS
			HCH	RB1#0	21.98	22.48	30	PASS
				RB1#13	22.01	22.51	30	PASS
				RB1#24	21.88	22.38	30	PASS
				RB12#0	20.47	20.97	30	PASS
				RB12#6	20.43	20.93	30	PASS

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB12#13	20.66	21.16	30	PASS	
				RB25#0	20.55	21.05	30	PASS	
		10	LCH	RB1#0	21.77	22.27	30	PASS	
				RB1#25	21.40	21.90	30	PASS	
				RB1#49	21.86	22.36	30	PASS	
				RB25#0	20.37	20.87	30	PASS	
				RB25#13	20.33	20.83	30	PASS	
				RB25#25	20.35	20.85	30	PASS	
				RB50#0	20.32	20.82	30	PASS	
				MCH	RB1#0	21.94	22.44	30	PASS
					RB1#25	21.58	22.08	30	PASS
					RB1#49	21.87	22.37	30	PASS
		RB25#0	20.65		21.15	30	PASS		
		RB25#13	20.57		21.07	30	PASS		
RB25#2	20.47	20.97	30		PASS				

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				5					
				RB50#0	20.58	21.08	30	PASS	
			HCH	RB1#0	21.72	22.22	30	PASS	
				RB1#25	21.39	21.89	30	PASS	
				RB1#49	21.74	22.24	30	PASS	
				RB25#0	20.44	20.94	30	PASS	
				RB25#13	20.56	21.06	30	PASS	
				RB25#25	20.61	21.11	30	PASS	
				RB50#0	20.64	21.14	30	PASS	
		15		LCH	RB1#0	22.05	22.55	30	PASS
					RB1#38	21.75	22.25	30	PASS
			RB1#74		21.97	22.47	30	PASS	
			RB38#0		20.44	20.94	30	PASS	
			RB38#19		20.37	20.87	30	PASS	
			RB38#39		20.48	20.98	30	PASS	

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	20.63	21.13	30	PASS
			MCH	RB1#0	21.85	22.35	30	PASS
				RB1#38	21.91	22.41	30	PASS
				RB1#74	21.80	22.30	30	PASS
				RB38#0	20.54	21.04	30	PASS
				RB38#19	20.43	20.93	30	PASS
				RB38#39	20.62	21.12	30	PASS
				RB75#0	20.47	20.97	30	PASS
				HCH	RB1#0	21.59	22.09	30
			RB1#38		21.59	22.09	30	PASS
			RB1#74		21.70	22.20	30	PASS
			RB38#0		20.56	21.06	30	PASS
			RB38#19		20.46	20.96	30	PASS
			RB38#39		20.66	21.16	30	PASS
			RB75#0		20.62	21.12	30	PASS





Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			LCH	RB1#0	21.94	22.44	30	PASS
				RB1#50	21.37	21.87	30	PASS
				RB1#99	22.18	22.68	30	PASS
				RB50#0	20.44	20.94	30	PASS
				RB50#25	20.56	21.06	30	PASS
				RB50#50	20.49	20.99	30	PASS
				RB100#0	20.50	21.00	30	PASS
		20	MCH	RB1#0	22.03	22.53	30	PASS
				RB1#50	21.71	22.21	30	PASS
				RB1#99	22.18	22.68	30	PASS
				RB50#0	20.54	21.04	30	PASS
				RB50#25	20.51	21.01	30	PASS
				RB50#50	20.43	20.93	30	PASS
				RB100#0	20.47	20.97	30	PASS

Test Band(LTE )	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.06	22.56	30	PASS
				RB1#50	21.43	21.93	30	PASS
				RB1#99	22.12	22.62	30	PASS
				RB50#0	20.45	20.95	30	PASS
				RB50#25	20.42	20.92	30	PASS
				RB50#50	20.65	21.15	30	PASS
				RB100#0	20.45	20.95	30	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

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

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

b, SGP = Signal Generator Level

Note2:

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

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

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

SET Sweep time = auto - couple.

Detector: RMS

## 2Appendix\_B: Peak-to-Average Ratio

### Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
Band66	LTE/TM1	1.4	LCH	RB1#0	4.81	13	PASS
				RB1#3	4.83	13	PASS
				RB1#5	4.87	13	PASS
				RB3#0	5.09	13	PASS
				RB3#2	5.02	13	PASS
				RB3#3	5.14	13	PASS
			RB6#0	5.62	13	PASS	
			MCH	RB1#0	5.22	13	PASS
				RB1#3	5.36	13	PASS
				RB1#5	5.23	13	PASS
				RB3#0	5.32	13	PASS
				RB3#2	5.34	13	PASS
		RB3#3		5.41	13	PASS	
		HCH	RB6#0	5.67	13	PASS	
			RB1#0	4.50	13	PASS	
			RB1#3	4.68	13	PASS	
			RB1#5	4.59	13	PASS	
			RB3#0	4.93	13	PASS	
			RB3#2	4.75	13	PASS	
		3	LCH	RB3#3	4.84	13	PASS
				RB6#0	5.53	13	PASS
				RB1#0	4.78	13	PASS
				RB1#7	5.07	13	PASS
				RB1#14	4.81	13	PASS
RB8#0	5.48			13	PASS		
MCH	RB8#4		5.48	13	PASS		
	RB8#7		5.56	13	PASS		
	RB15#0		6.07	13	PASS		
	RB1#0		4.90	13	PASS		
	RB1#7		5.06	13	PASS		
	RB1#14		5.12	13	PASS		
RB8#0	5.56	13	PASS				
RB8#4	5.38	13	PASS				
RB8#7	5.50	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	5.65	13	PASS
				RB1#0	4.40	13	PASS
				RB1#7	5.02	13	PASS
				RB1#14	4.45	13	PASS
				RB8#0	5.10	13	PASS
				RB8#4	5.13	13	PASS
				RB8#7	5.18	13	PASS
				RB15#0	5.42	13	PASS
		5	LCH	RB1#0	4.62	13	PASS
				RB1#13	4.33	13	PASS
				RB1#24	4.46	13	PASS
				RB12#0	5.42	13	PASS
				RB12#6	5.52	13	PASS
				RB12#13	5.72	13	PASS
			RB25#0	5.84	13	PASS	
			MCH	RB1#0	5.14	13	PASS
				RB1#13	5.09	13	PASS
				RB1#24	5.38	13	PASS
				RB12#0	5.41	13	PASS
				RB12#6	5.41	13	PASS
				RB12#13	5.41	13	PASS
			RB25#0	5.87	13	PASS	
			HCH	RB1#0	4.34	13	PASS
				RB1#13	4.40	13	PASS
		RB1#24		4.48	13	PASS	
		RB12#0		5.07	13	PASS	
		RB12#6		4.95	13	PASS	
		RB12#13		5.18	13	PASS	
		RB25#0	5.76	13	PASS		
		10	LCH	RB1#0	4.47	13	PASS
				RB1#25	4.81	13	PASS
				RB1#49	4.35	13	PASS
RB25#0	5.73			13	PASS		
RB25#13	5.75			13	PASS		
RB25#25	5.87			13	PASS		
RB50#0	5.90		13	PASS			
MCH	RB1#0		5.08	13	PASS		
	RB1#25	5.22	13	PASS			
				RB1#49	5.01	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#0	5.69	13	PASS	
				RB25#13	5.60	13	PASS	
				RB25#25	5.69	13	PASS	
				RB50#0	6.11	13	PASS	
			HCH	RB1#0	4.44	13	PASS	
				RB1#25	4.76	13	PASS	
				RB1#49	4.65	13	PASS	
				RB25#0	5.38	13	PASS	
				RB25#13	5.20	13	PASS	
				RB25#25	5.27	13	PASS	
			RB50#0	5.75	13	PASS		
			15	LCH	RB1#0	4.69	13	PASS
					RB1#38	4.65	13	PASS
					RB1#74	4.63	13	PASS
		RB38#0			5.67	13	PASS	
		RB38#19			5.79	13	PASS	
		RB38#39			5.77	13	PASS	
		RB75#0		6.20	13	PASS		
		MCH		RB1#0	5.10	13	PASS	
				RB1#38	5.12	13	PASS	
				RB1#74	5.06	13	PASS	
				RB38#0	5.80	13	PASS	
				RB38#19	5.61	13	PASS	
				RB38#39	5.62	13	PASS	
		RB75#0		6.10	13	PASS		
		HCH		RB1#0	4.41	13	PASS	
				RB1#38	4.60	13	PASS	
			RB1#74	4.80	13	PASS		
			RB38#0	5.34	13	PASS		
			RB38#19	5.29	13	PASS		
RB38#39	5.55		13	PASS				
RB75#0	6.06	13	PASS					
20	LCH	RB1#0	4.81	13	PASS			
		RB1#50	4.82	13	PASS			
		RB1#99	4.46	13	PASS			
		RB50#0	5.63	13	PASS			
		RB50#25	5.78	13	PASS			
		RB50#50	5.85	13	PASS			
		RB100#0	6.17	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			MCH	RB1#0	4.85	13	PASS	
				RB1#50	5.12	13	PASS	
				RB1#99	4.87	13	PASS	
				RB50#0	5.78	13	PASS	
				RB50#25	5.81	13	PASS	
				RB50#50	5.79	13	PASS	
				RB100#0	6.06	13	PASS	
			HCH	RB1#0	4.29	13	PASS	
				RB1#50	4.70	13	PASS	
				RB1#99	4.77	13	PASS	
				RB50#0	5.49	13	PASS	
				RB50#25	5.61	13	PASS	
				RB50#50	5.82	13	PASS	
				RB100#0	6.05	13	PASS	
		LTE/TM2	1.4	LCH	RB1#0	5.39	13	PASS
					RB1#3	5.74	13	PASS
					RB1#5	5.42	13	PASS
					RB3#0	5.85	13	PASS
					RB3#2	5.85	13	PASS
					RB3#3	5.85	13	PASS
					RB6#0	6.30	13	PASS
				MCH	RB1#0	5.54	13	PASS
					RB1#3	5.47	13	PASS
					RB1#5	5.55	13	PASS
					RB3#0	6.17	13	PASS
					RB3#2	6.29	13	PASS
					RB3#3	6.02	13	PASS
					RB6#0	6.42	13	PASS
HCH	RB1#0	5.32	13	PASS				
	RB1#3	5.96	13	PASS				
	RB1#5	5.14	13	PASS				
	RB3#0	5.43	13	PASS				
	RB3#2	5.39	13	PASS				
	RB3#3	5.44	13	PASS				
	RB6#0	6.08	13	PASS				
		3	LCH	RB1#0	5.14	13	PASS	
				RB1#7	5.32	13	PASS	
				RB1#14	5.10	13	PASS	
				RB8#0	6.18	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	6.11	13	PASS	
				RB8#7	6.23	13	PASS	
				RB15#0	6.50	13	PASS	
			MCH	RB1#0	5.63	13	PASS	
				RB1#7	5.58	13	PASS	
				RB1#14	5.64	13	PASS	
				RB8#0	6.11	13	PASS	
				RB8#4	6.02	13	PASS	
				RB8#7	6.23	13	PASS	
			HCH	RB15#0	6.33	13	PASS	
				RB1#0	5.14	13	PASS	
				RB1#7	5.81	13	PASS	
				RB1#14	5.09	13	PASS	
				RB8#0	5.74	13	PASS	
				RB8#4	5.73	13	PASS	
				RB8#7	5.81	13	PASS	
			5	LCH	RB15#0	6.34	13	PASS
					RB1#0	5.22	13	PASS
		RB1#13			5.21	13	PASS	
		RB1#24			5.30	13	PASS	
		RB12#0			6.19	13	PASS	
		RB12#6			6.09	13	PASS	
		RB12#13			6.20	13	PASS	
		MCH		RB25#0	6.57	13	PASS	
				RB1#0	5.98	13	PASS	
				RB1#13	5.93	13	PASS	
				RB1#24	6.23	13	PASS	
				RB12#0	6.10	13	PASS	
				RB12#6	5.97	13	PASS	
				RB12#13	6.09	13	PASS	
		HCH	RB25#0	6.45	13	PASS		
			RB1#0	4.96	13	PASS		
			RB1#13	4.87	13	PASS		
RB1#24	5.11		13	PASS				
RB12#0	5.56		13	PASS				
RB12#6	5.53		13	PASS				
RB12#13	5.68		13	PASS				
10	LCH	RB1#0	5.55	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.84	13	PASS
				RB1#49	5.62	13	PASS
				RB25#0	6.16	13	PASS
				RB25#13	6.17	13	PASS
				RB25#25	6.55	13	PASS
				RB50#0	6.76	13	PASS
			MCH	RB1#0	5.86	13	PASS
				RB1#25	6.11	13	PASS
				RB1#49	5.89	13	PASS
				RB25#0	6.23	13	PASS
				RB25#13	6.05	13	PASS
				RB25#25	6.22	13	PASS
			HCH	RB50#0	6.63	13	PASS
				RB1#0	5.08	13	PASS
				RB1#25	5.15	13	PASS
				RB1#49	5.25	13	PASS
				RB25#0	5.71	13	PASS
				RB25#13	5.66	13	PASS
		15	LCH	RB25#25	5.85	13	PASS
				RB50#0	6.35	13	PASS
				RB1#0	5.58	13	PASS
				RB1#38	5.53	13	PASS
				RB1#74	5.52	13	PASS
				RB38#0	6.28	13	PASS
			MCH	RB38#19	6.13	13	PASS
				RB38#39	6.64	13	PASS
				RB75#0	6.89	13	PASS
				RB1#0	5.82	13	PASS
				RB1#38	5.86	13	PASS
				RB1#74	5.77	13	PASS
HCH	RB38#0	6.17	13	PASS			
	RB38#19	6.04	13	PASS			
	RB38#39	6.33	13	PASS			
	RB75#0	6.59	13	PASS			
	RB38#19	5.75	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#39	6.07	13	PASS
				RB75#0	6.60	13	PASS
		20	LCH	RB1#0	5.24	13	PASS
				RB1#50	5.52	13	PASS
				RB1#99	5.31	13	PASS
				RB50#0	6.09	13	PASS
				RB50#25	6.29	13	PASS
				RB50#50	6.61	13	PASS
				RB100#0	6.73	13	PASS
				MCH	RB1#0	5.46	13
			RB1#50		5.74	13	PASS
			RB1#99		5.45	13	PASS
			RB50#0		6.32	13	PASS
			RB50#25		6.26	13	PASS
			RB50#50		6.33	13	PASS
			HCH	RB100#0	6.51	13	PASS
		RB1#0		5.15	13	PASS	
		RB1#50		5.74	13	PASS	
		RB1#99		5.52	13	PASS	
		RB50#0		5.76	13	PASS	
		RB50#25		6.03	13	PASS	
RB50#50	6.11	13		PASS			
RB100#0	6.78	13	PASS				

### 3Appendix\_C: Modulation Characteristics

#### Part I - Test Plots

##### 3.1 For LTE

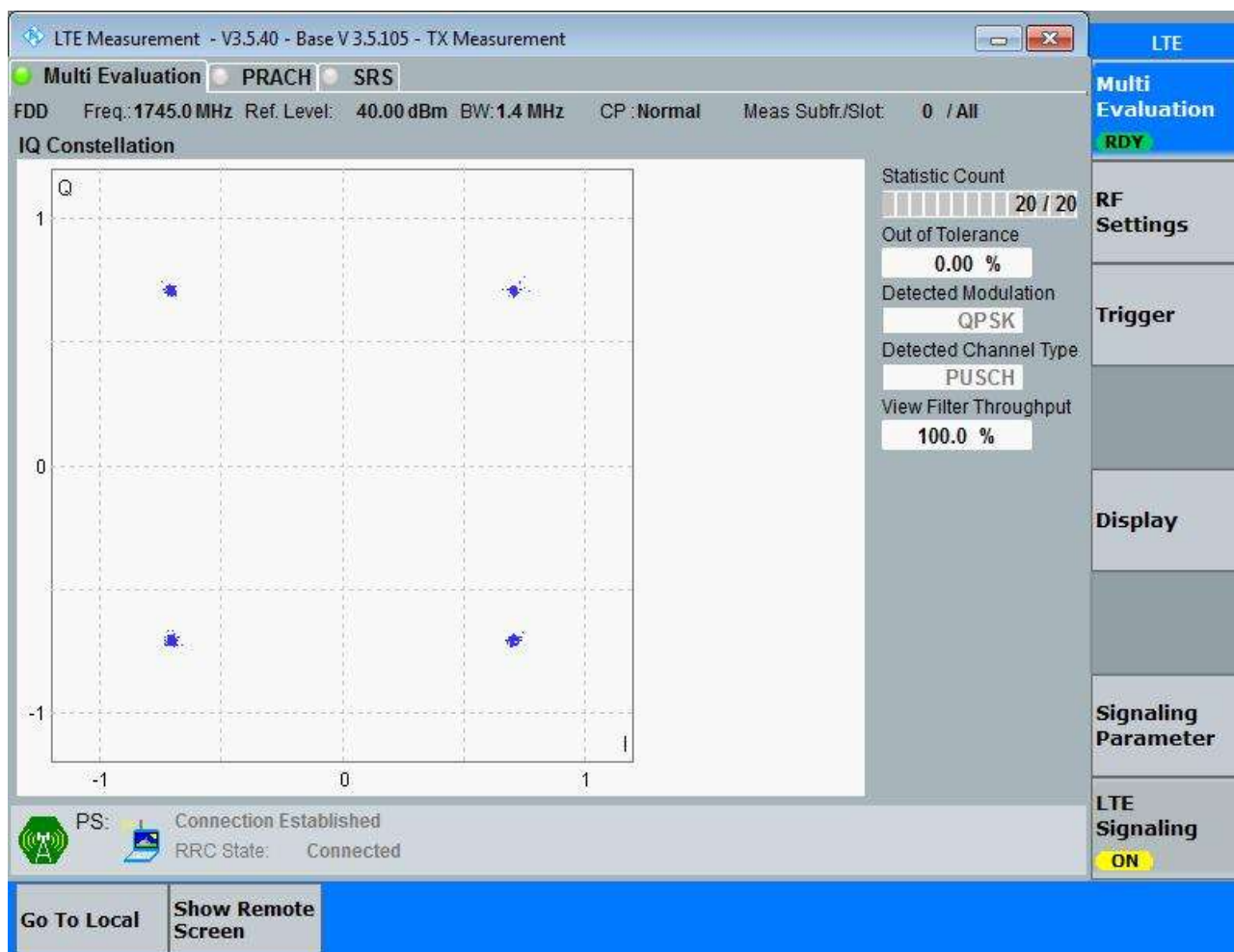
###### 3.1.1 Test Band = Band66

###### 3.1.1.1 Test Mode = LTE/TM1

###### 3.1.1.1.1 Test Bandwidth = 1.4

###### 3.1.1.1.1.1 Test Channel = MCH

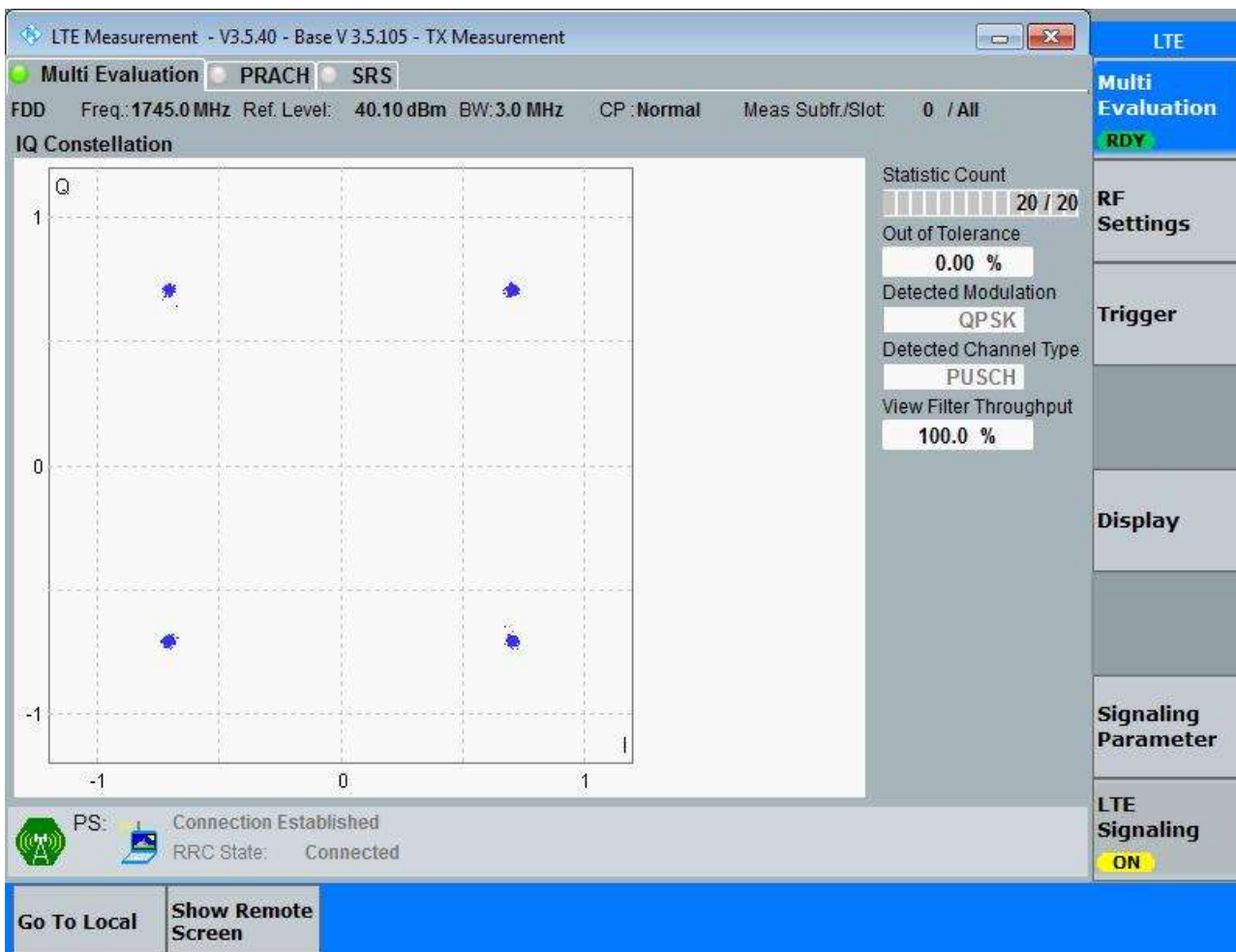
###### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

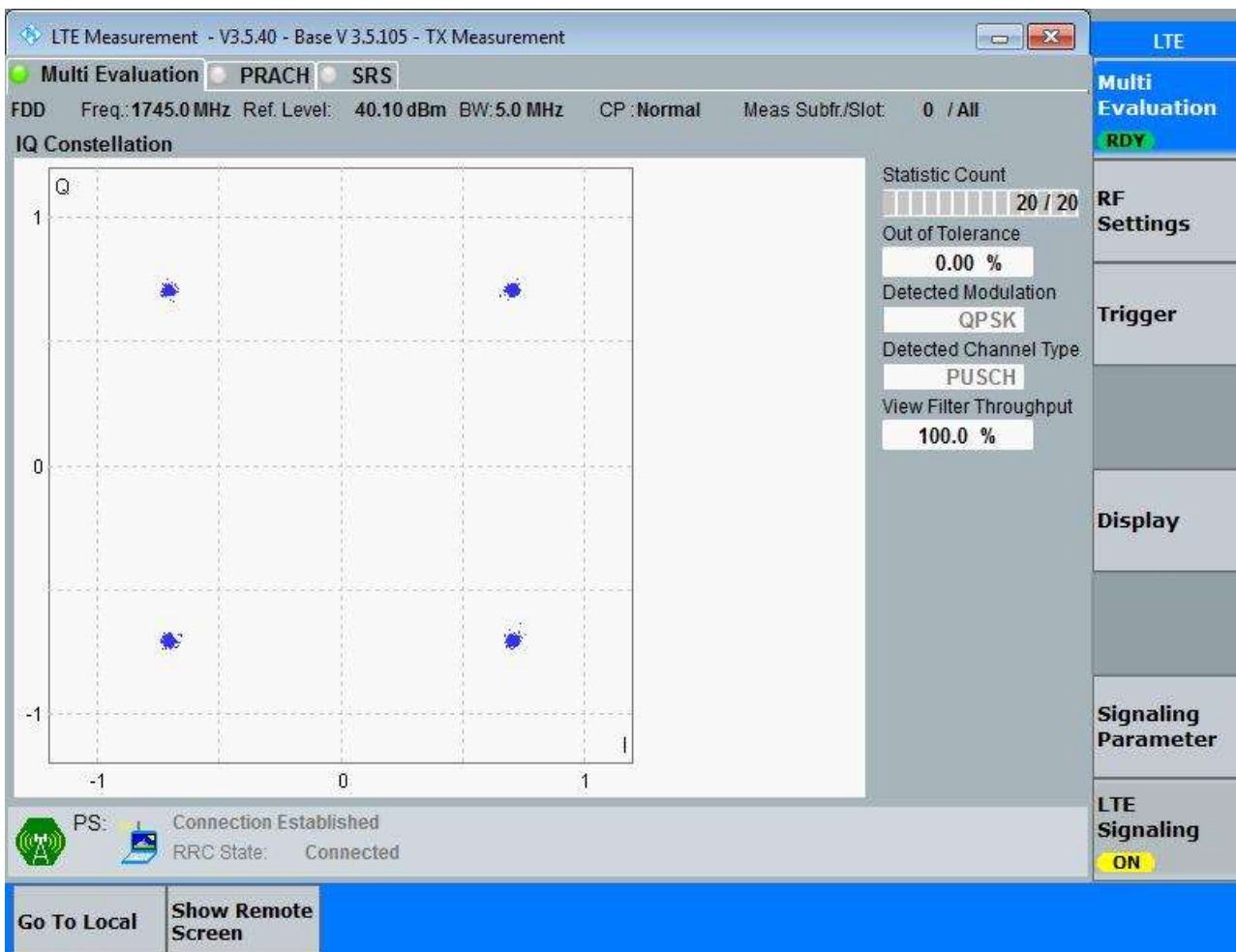
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

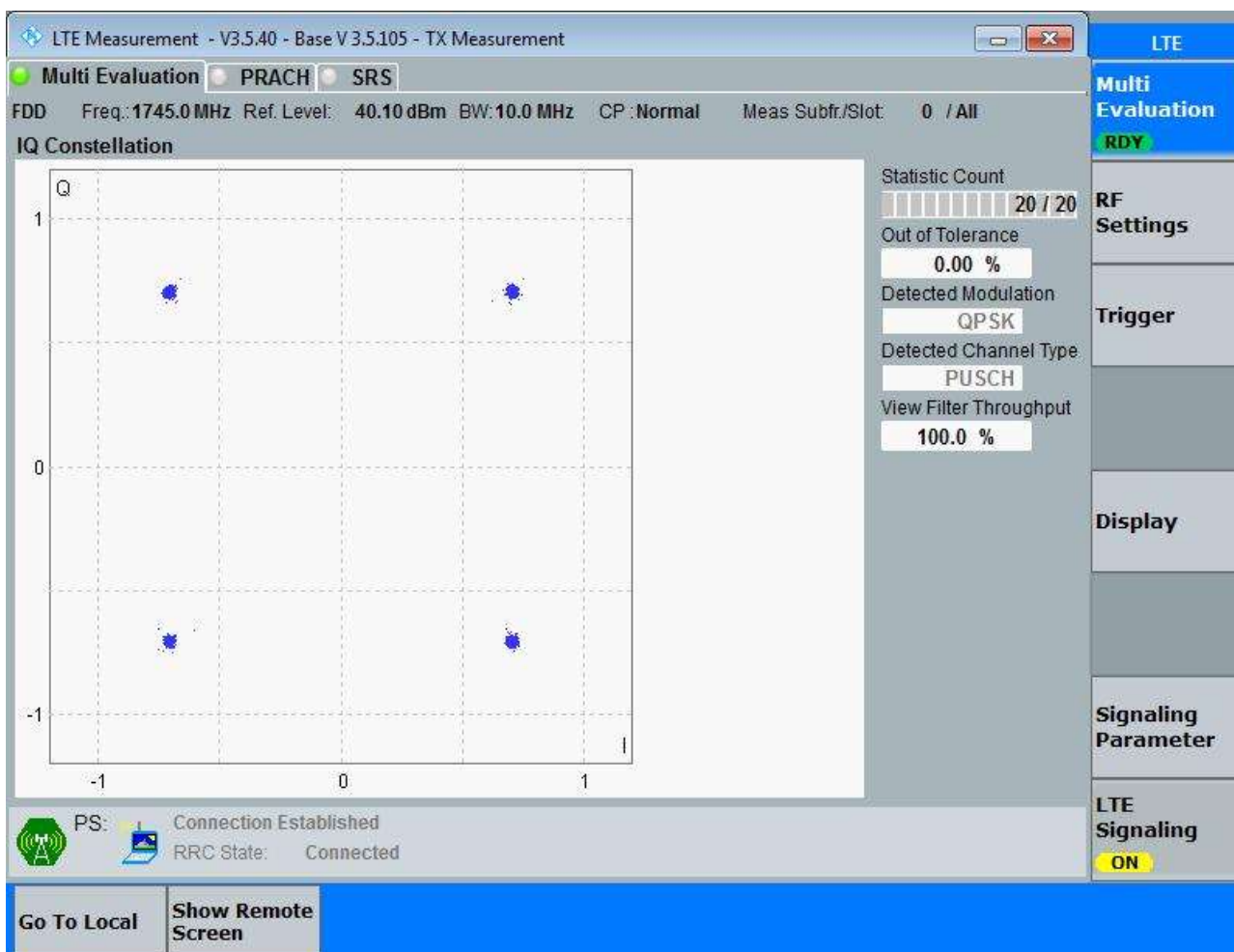
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

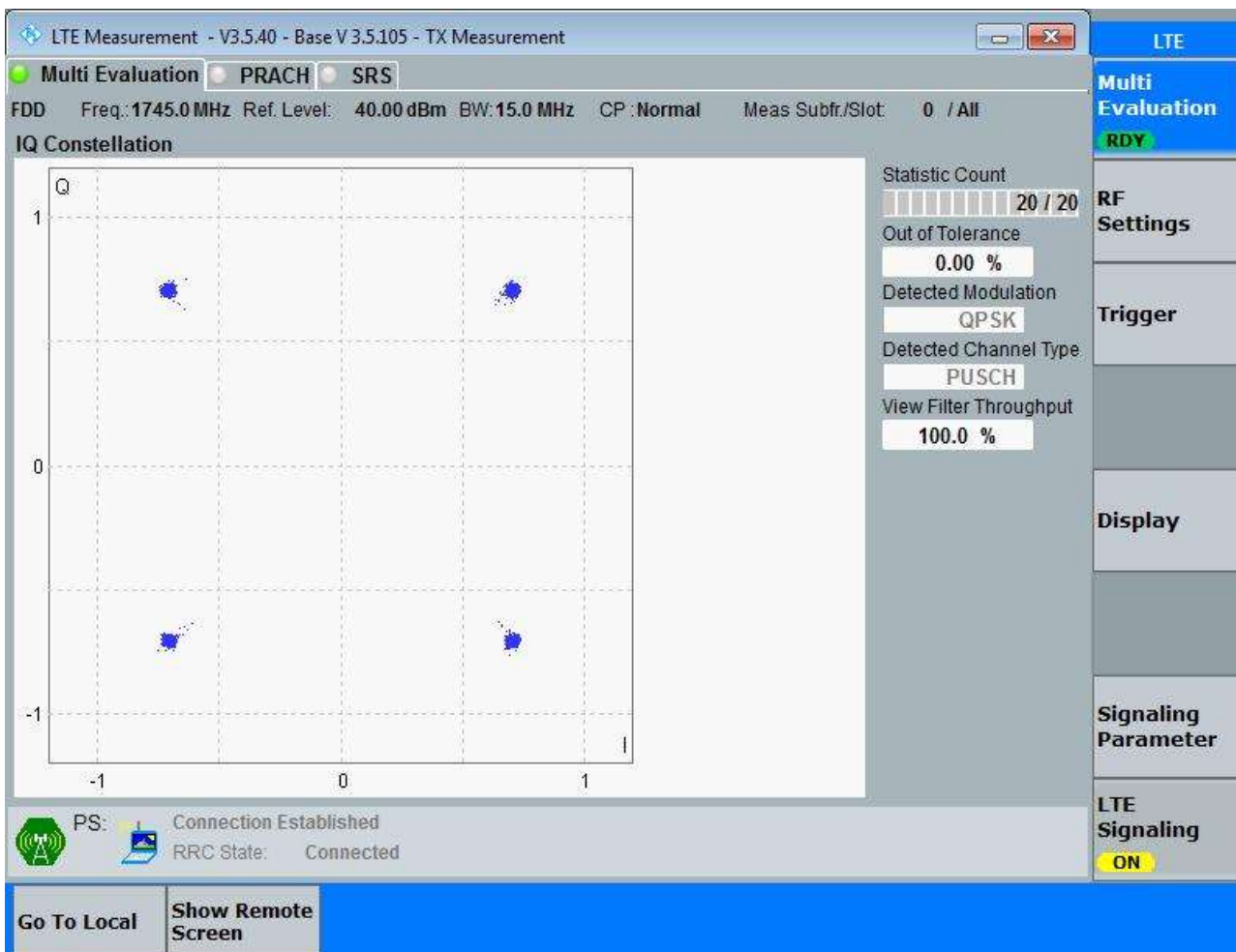
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

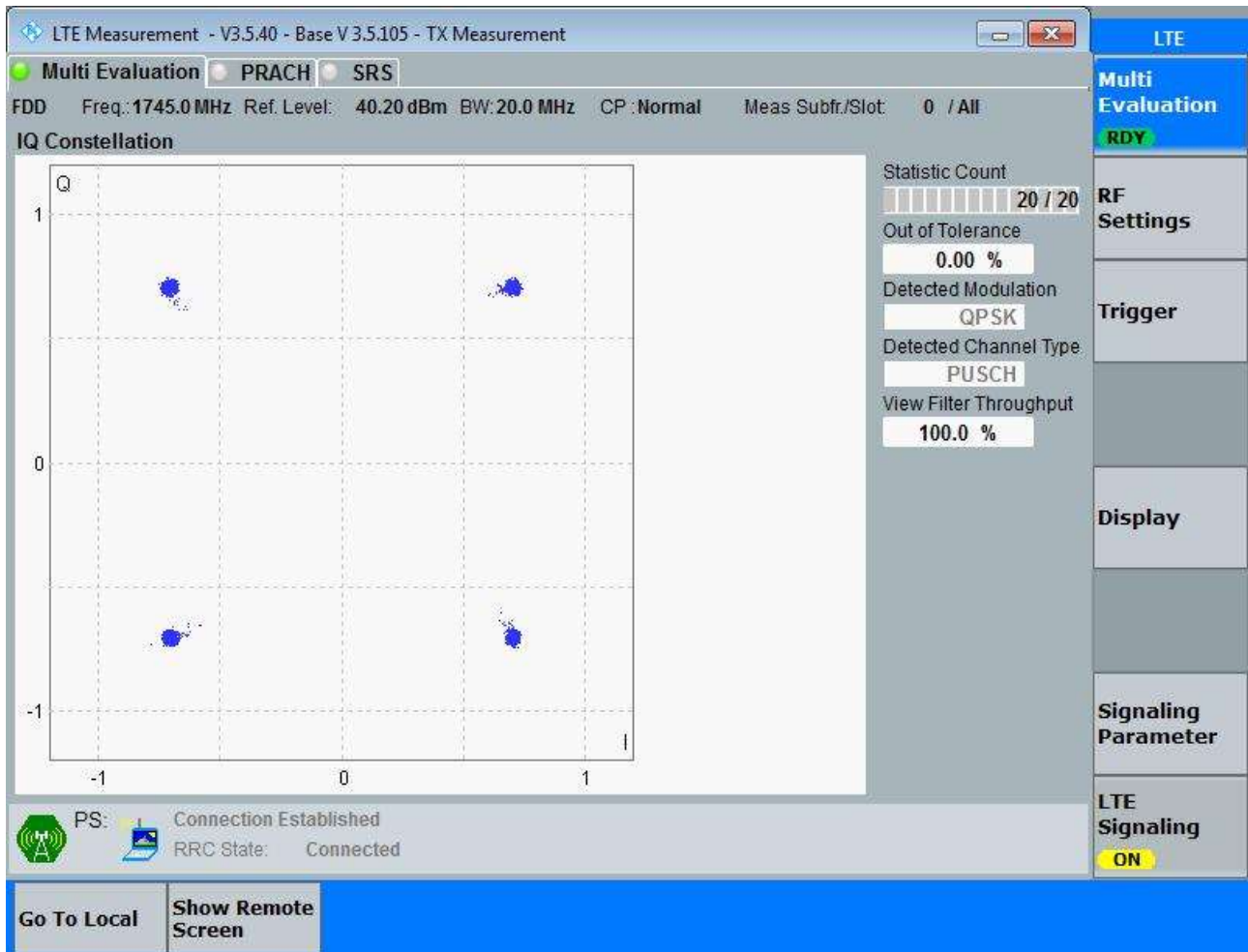
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 3.1.1.1.6 Test Bandwidth = 20

#### 3.1.1.1.6.1 Test Channel = MCH

##### 3.1.1.1.6.1.1 Test RB = RB100#0



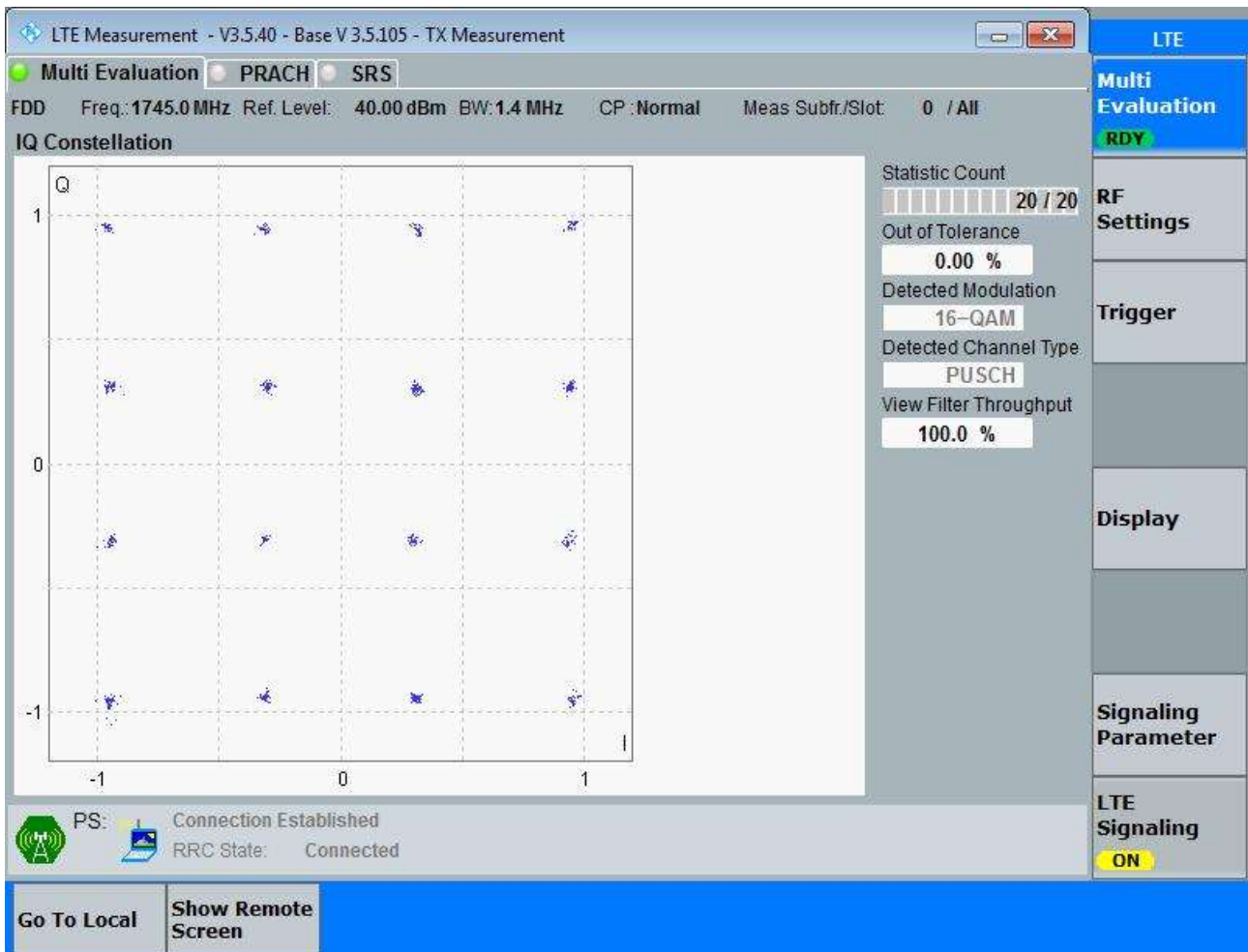


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

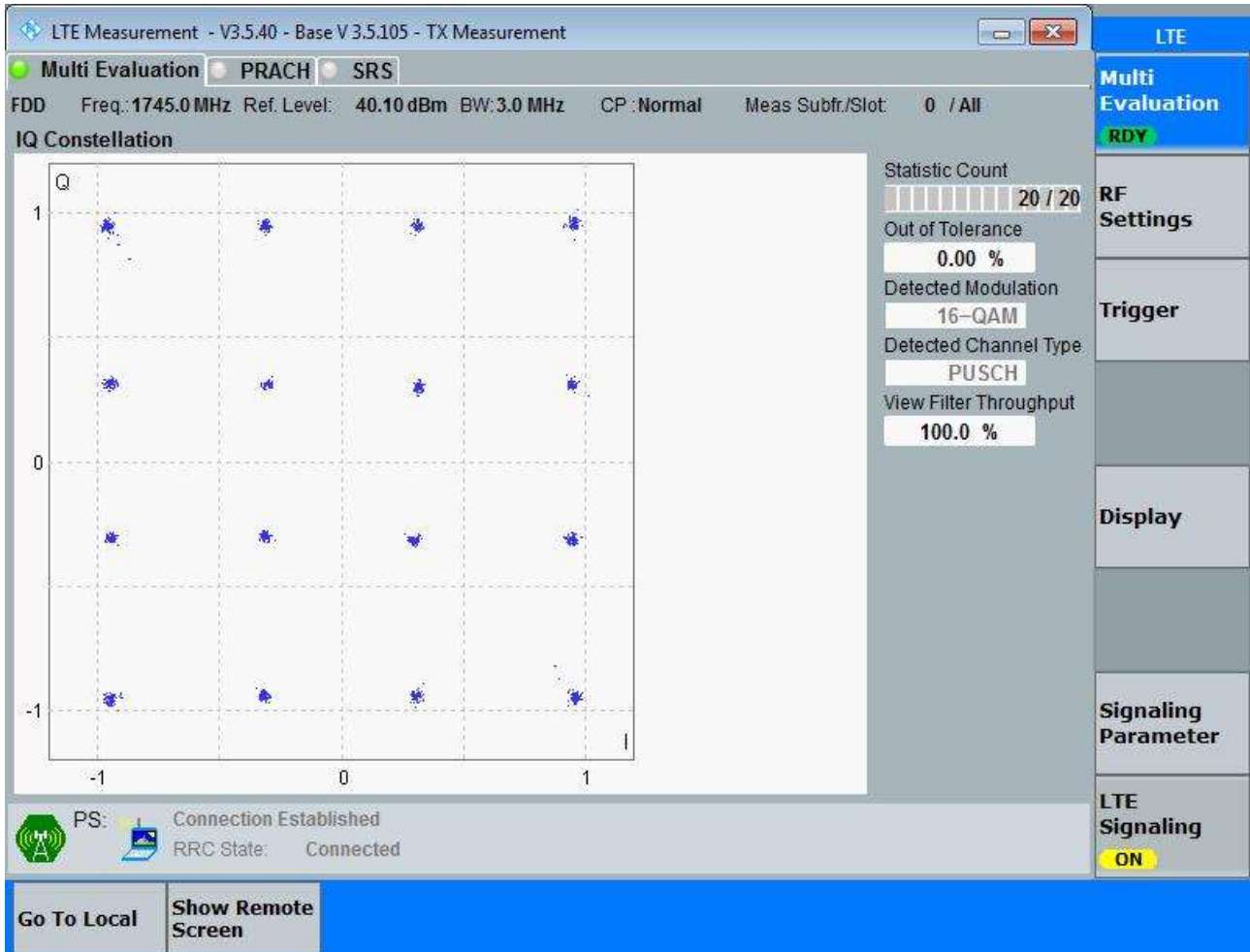
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

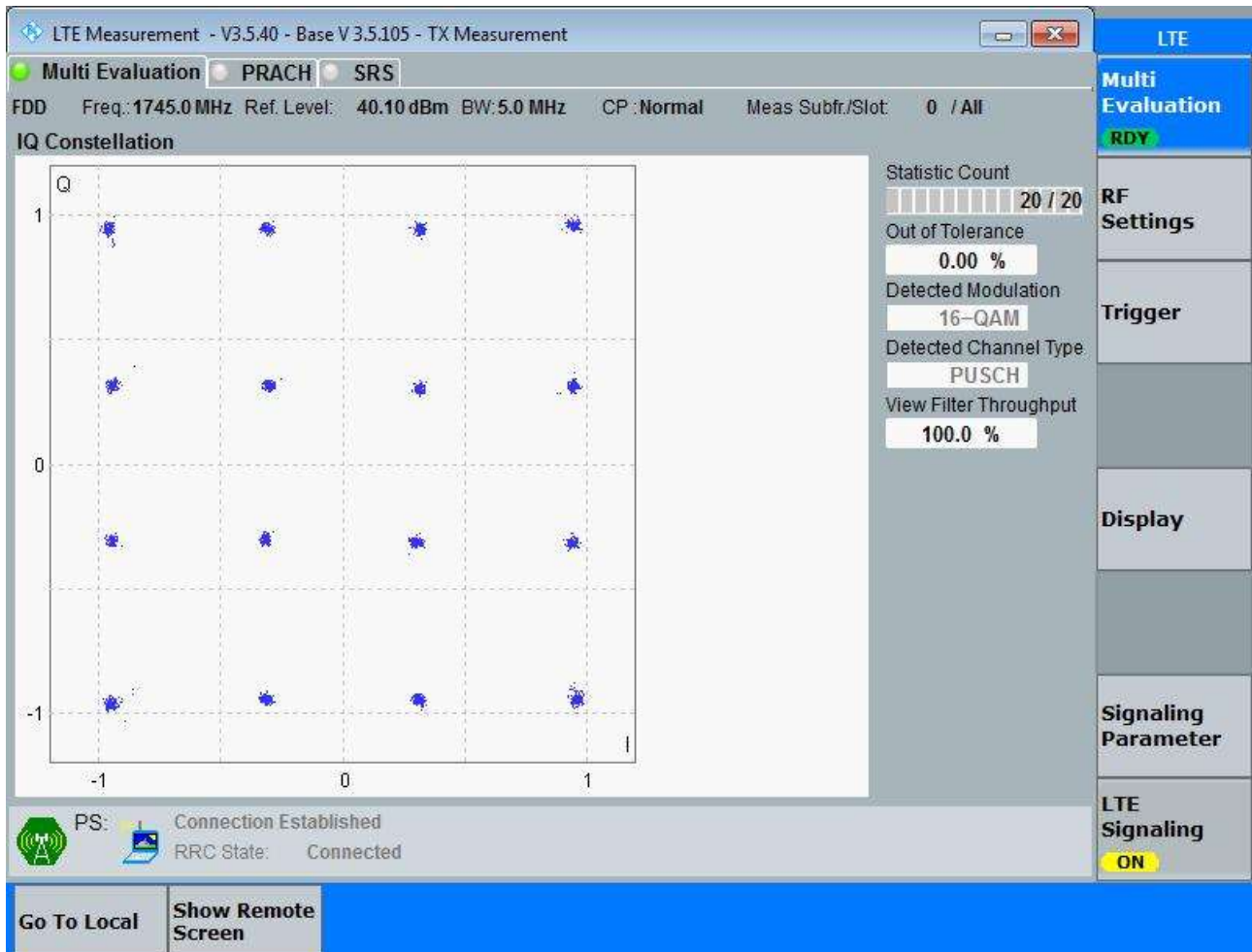
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

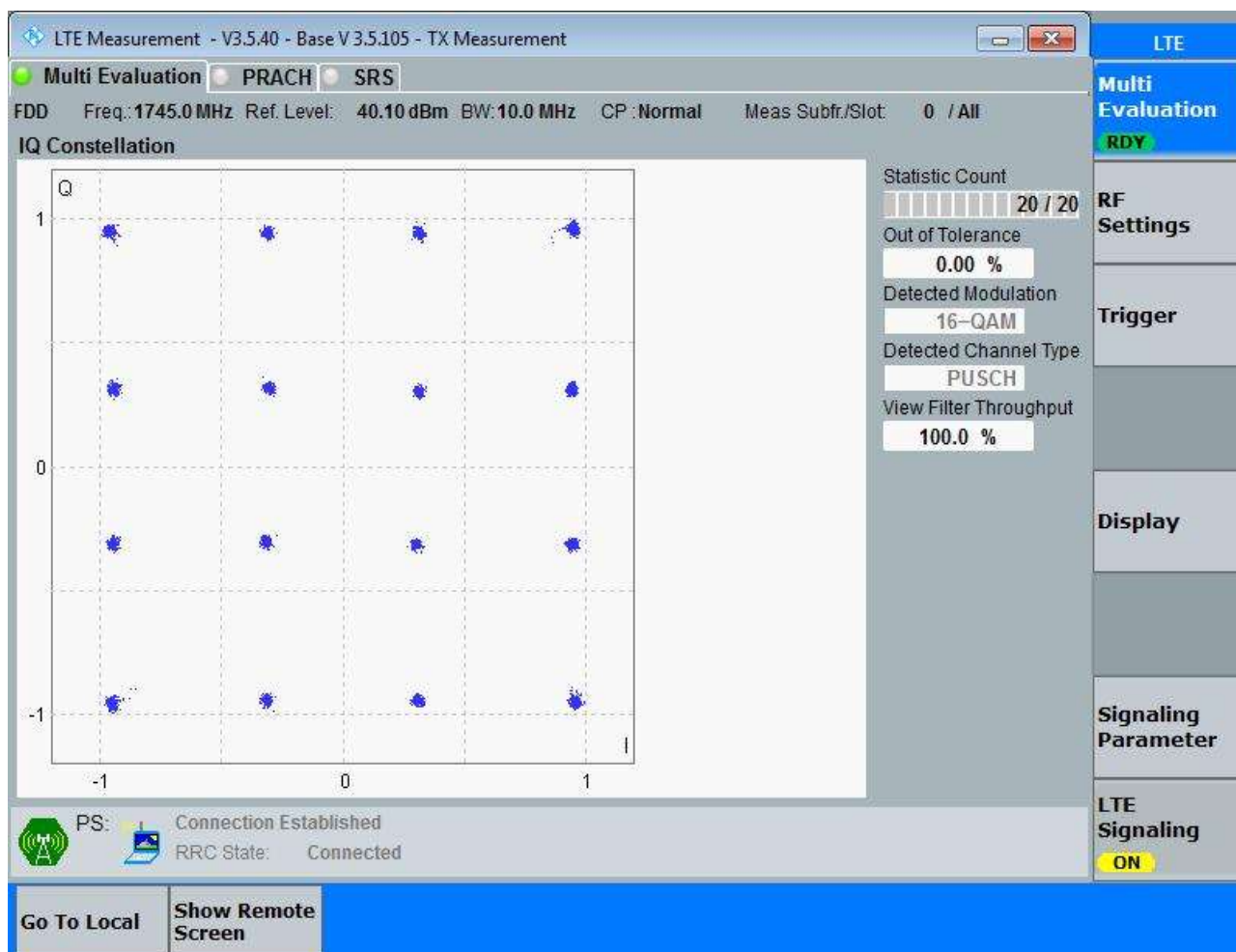
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

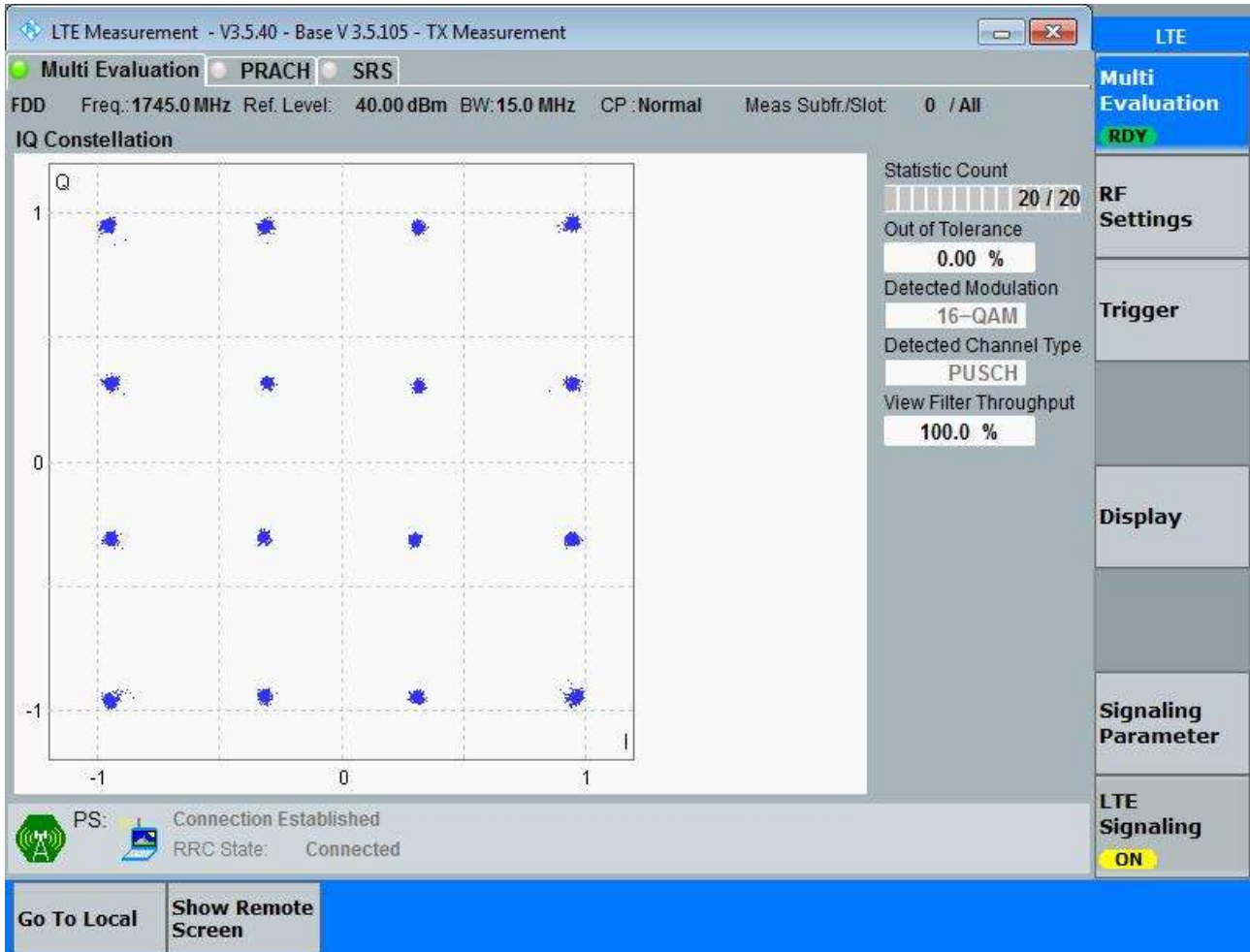
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

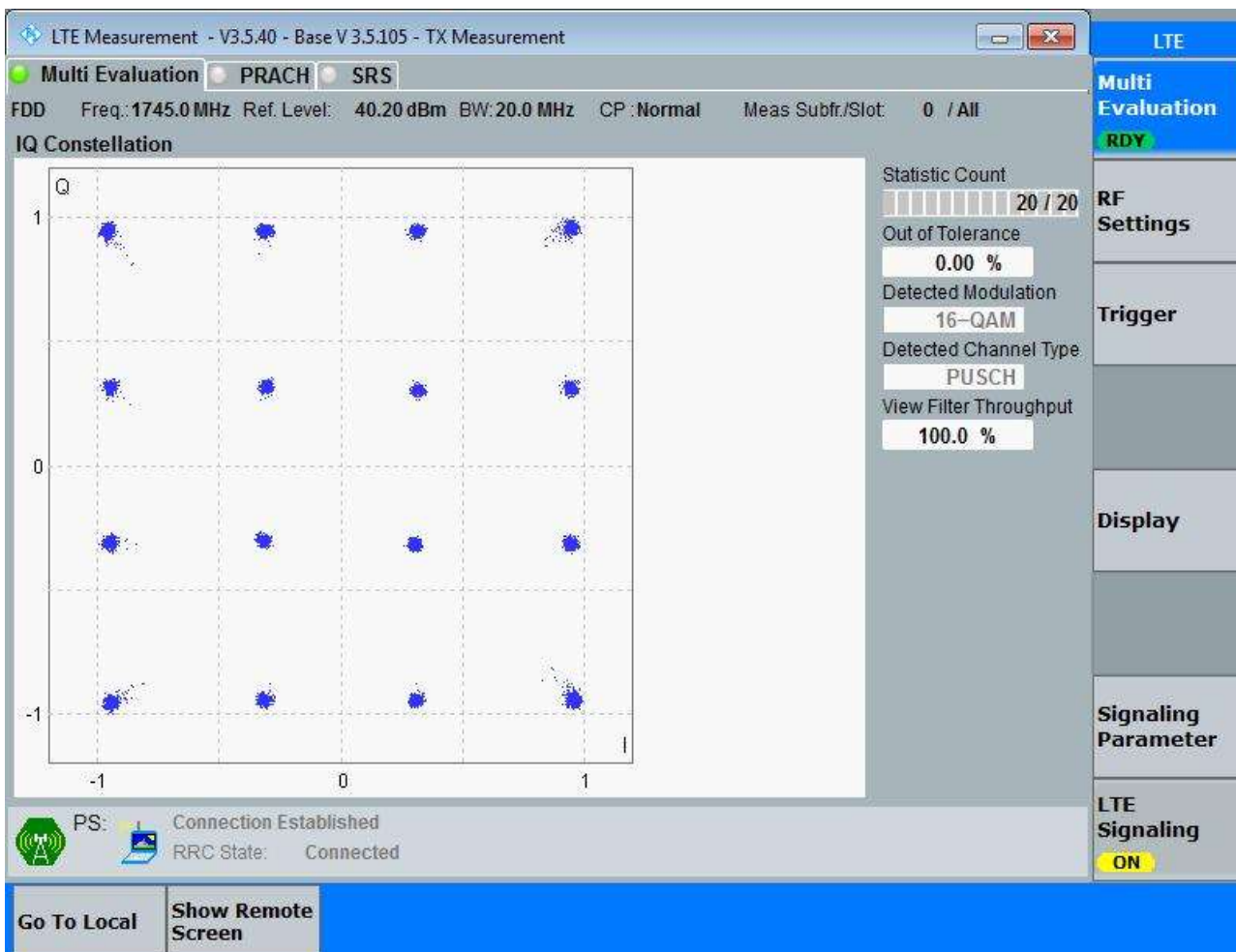
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 3.1.1.2.6 Test Bandwidth = 20

#### 3.1.1.2.6.1 Test Channel = MCH

##### 3.1.1.2.6.1.1 Test RB = RB100#0



## 4Appendix\_D: Bandwidth

### Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band66	LTE/TM1	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.70	2.96	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.51	4.93	Pass
			MCH	RB25#0	4.52	4.93	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	9.01	9.82	Pass
			MCH	RB50#0	8.99	9.85	Pass
			HCH	RB50#0	9.00	9.86	Pass
		15	LCH	RB75#0	13.51	14.93	Pass
			MCH	RB75#0	13.50	14.87	Pass
			HCH	RB75#0	13.51	14.81	Pass
		20	LCH	RB100#0	18.02	19.68	Pass
			MCH	RB100#0	18.02	19.78	Pass
			HCH	RB100#0	18.03	19.73	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.99	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.72	2.98	Pass
		5	LCH	RB25#0	4.51	4.94	Pass
			MCH	RB25#0	4.51	4.94	Pass
			HCH	RB25#0	4.51	4.95	Pass
10		LCH	RB50#0	9.01	9.92	Pass	
		MCH	RB50#0	9.01	9.88	Pass	
		HCH	RB50#0	9.02	9.81	Pass	
15		LCH	RB75#0	13.52	15.10	Pass	
		MCH	RB75#0	13.52	14.84	Pass	
		HCH	RB75#0	13.54	15.00	Pass	
20		LCH	RB100#0	18.01	19.73	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	18.03	19.76	Pass
			HCH	RB100#0	18.02	19.77	Pass



Part II - Test Plots

4.1 For LTE

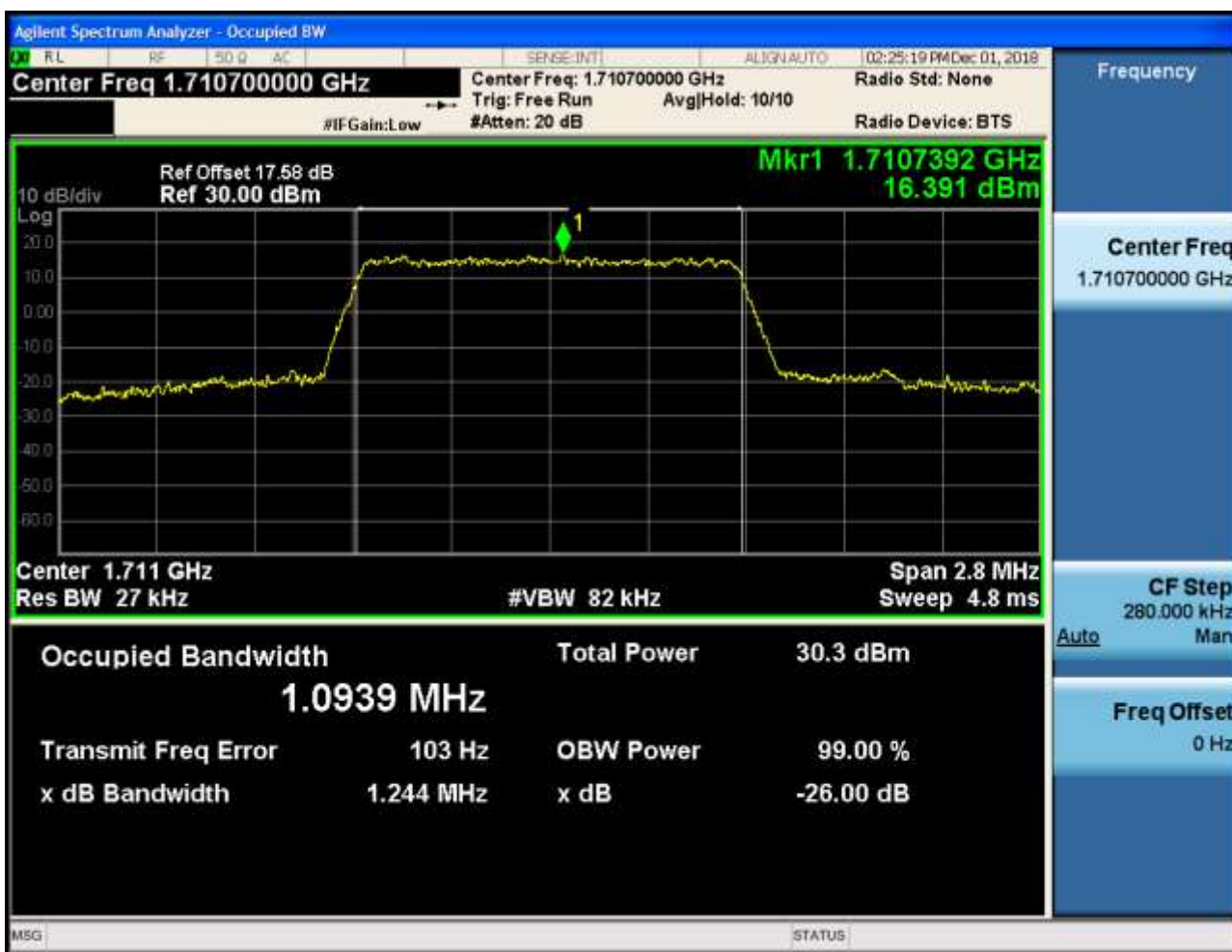
4.1.1 Test Band = Band66

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 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



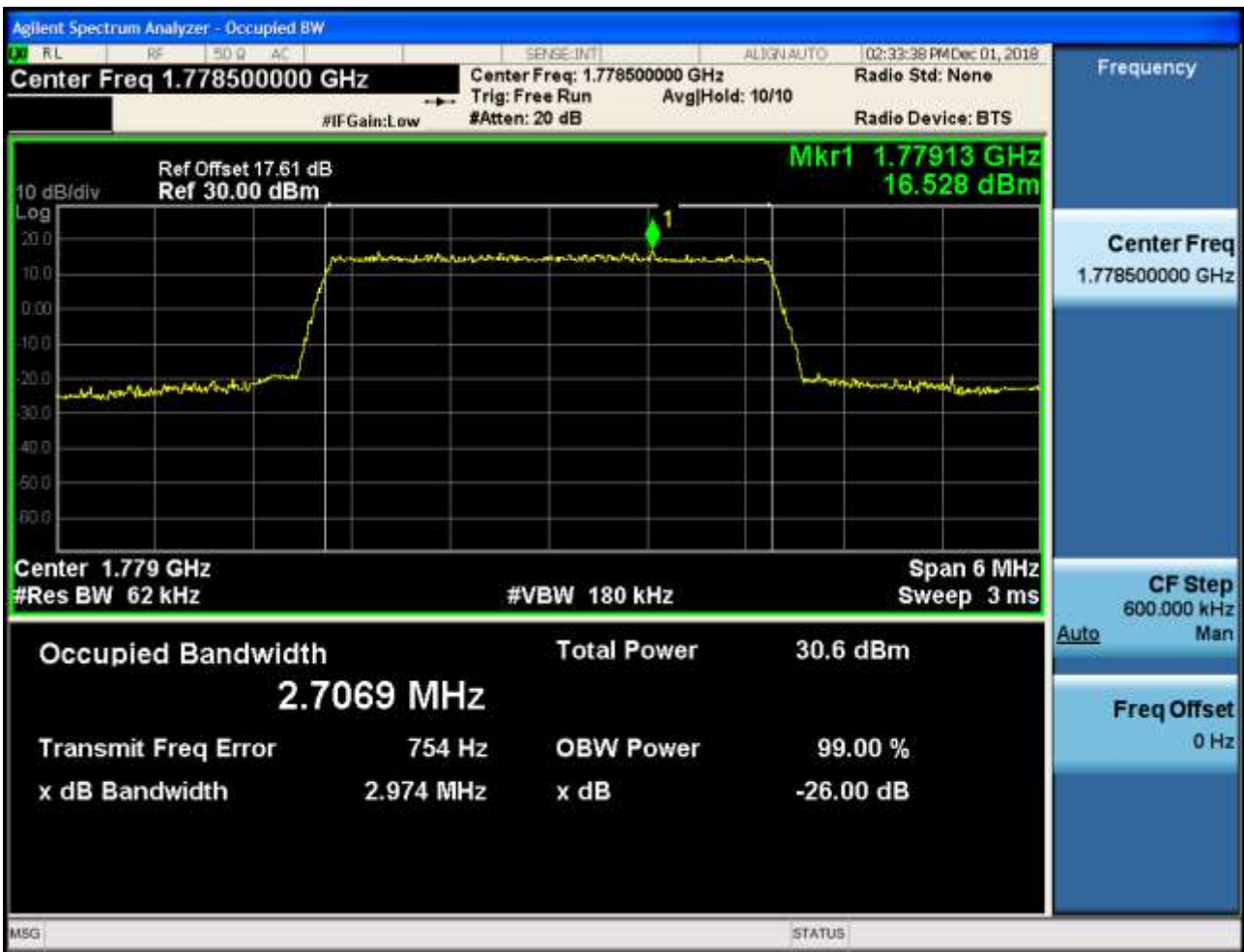
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

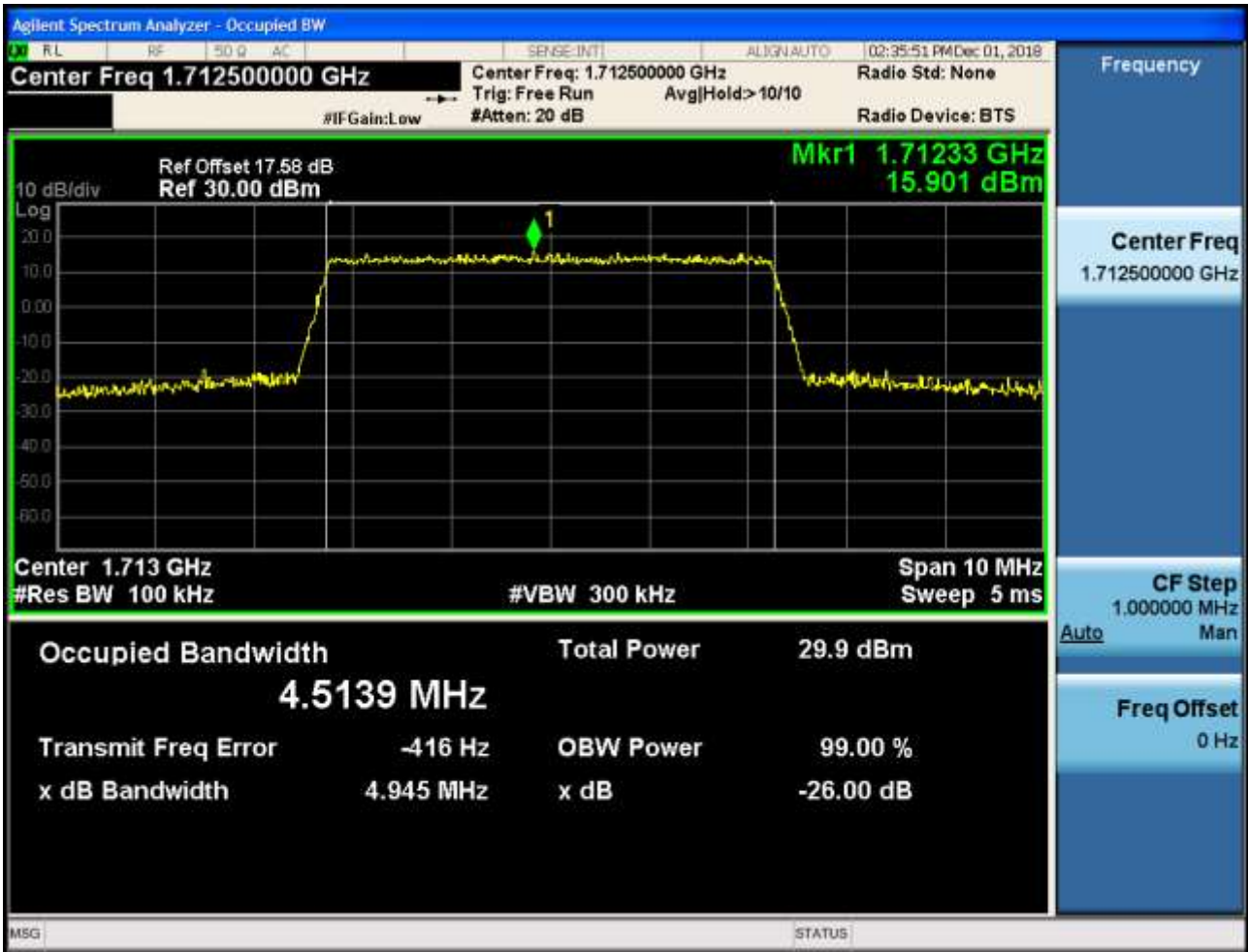
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

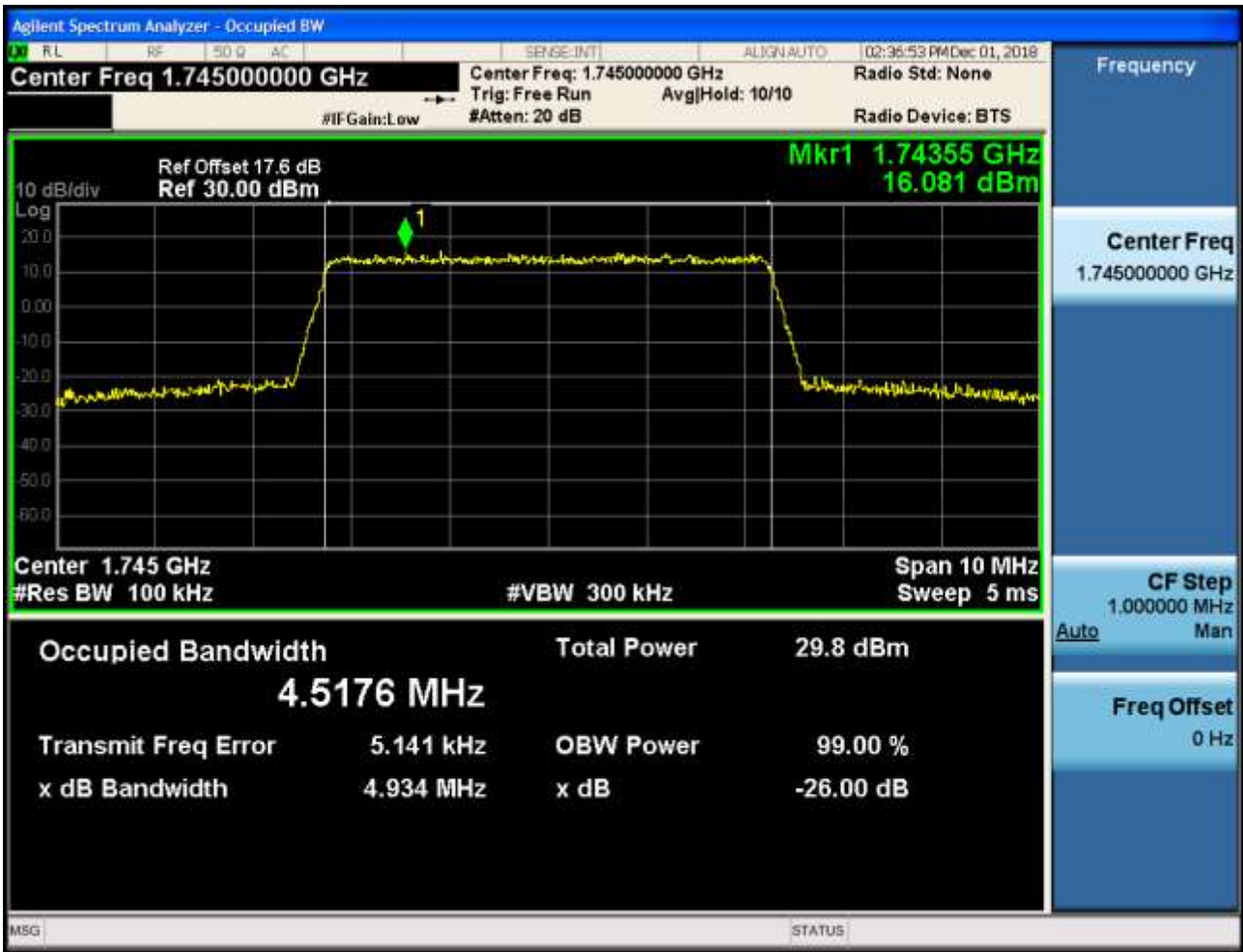
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



4.1.1.1.3.2 Test Channel = MCH

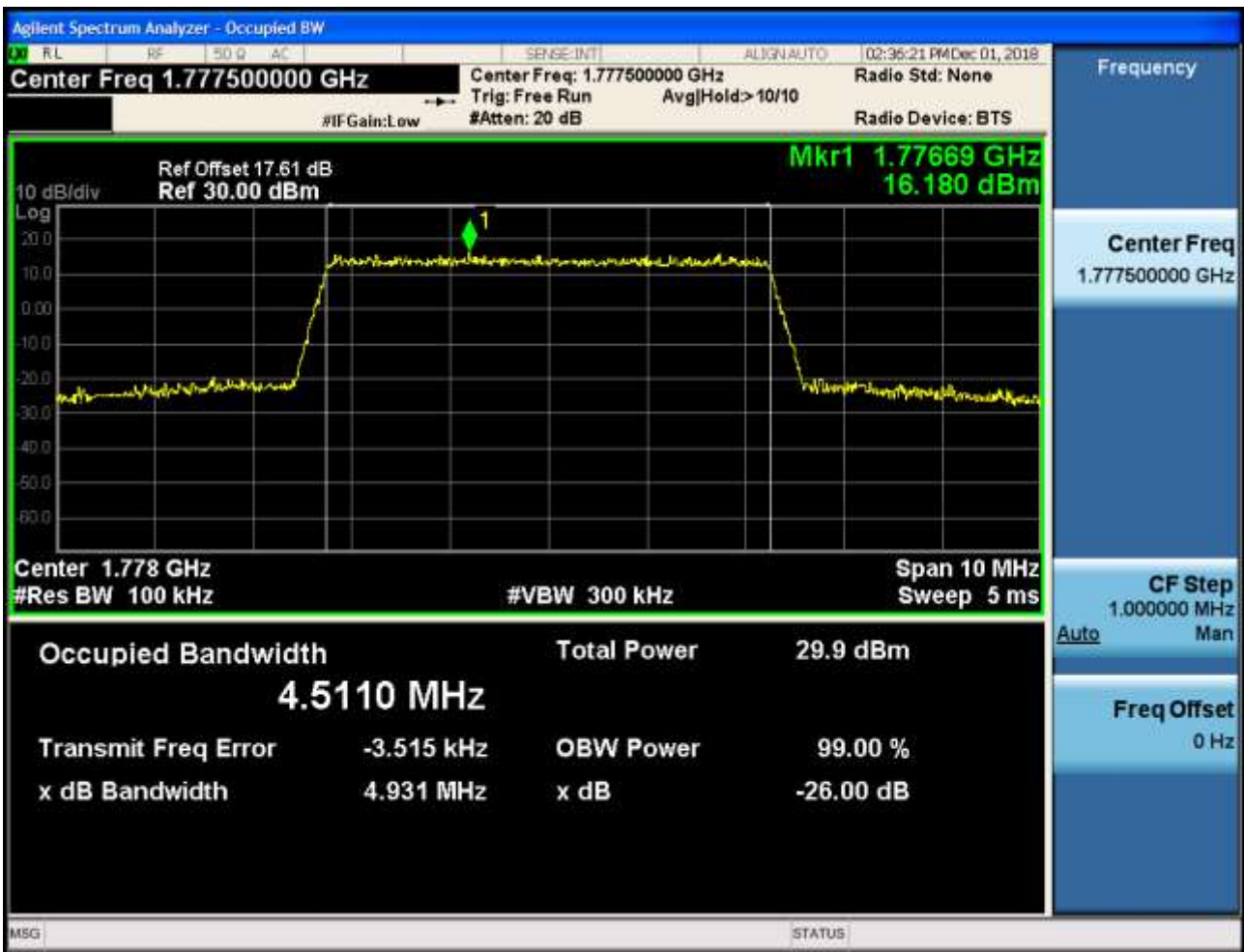
4.1.1.1.3.2.1 Test RB = RB25#0





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

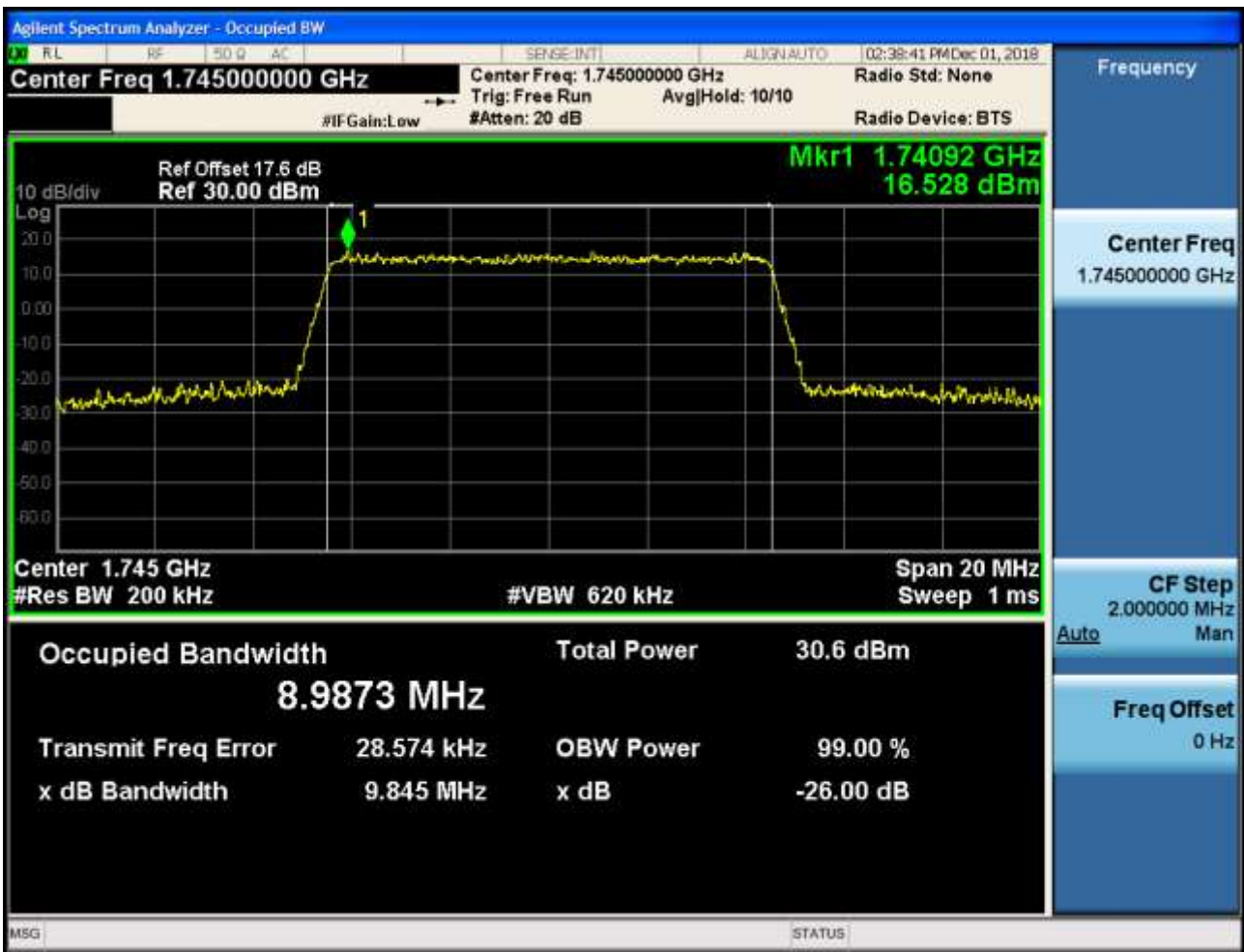
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



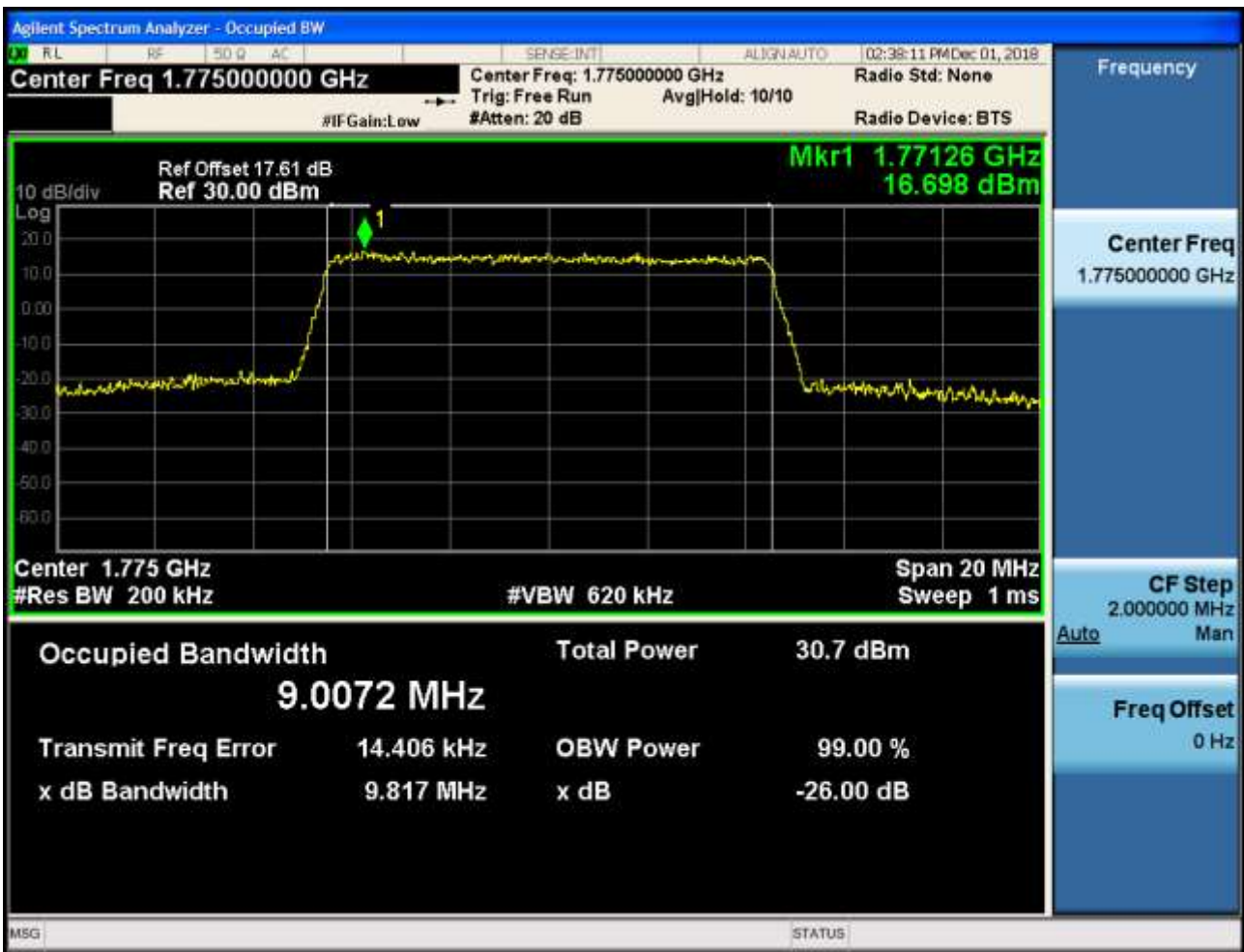
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

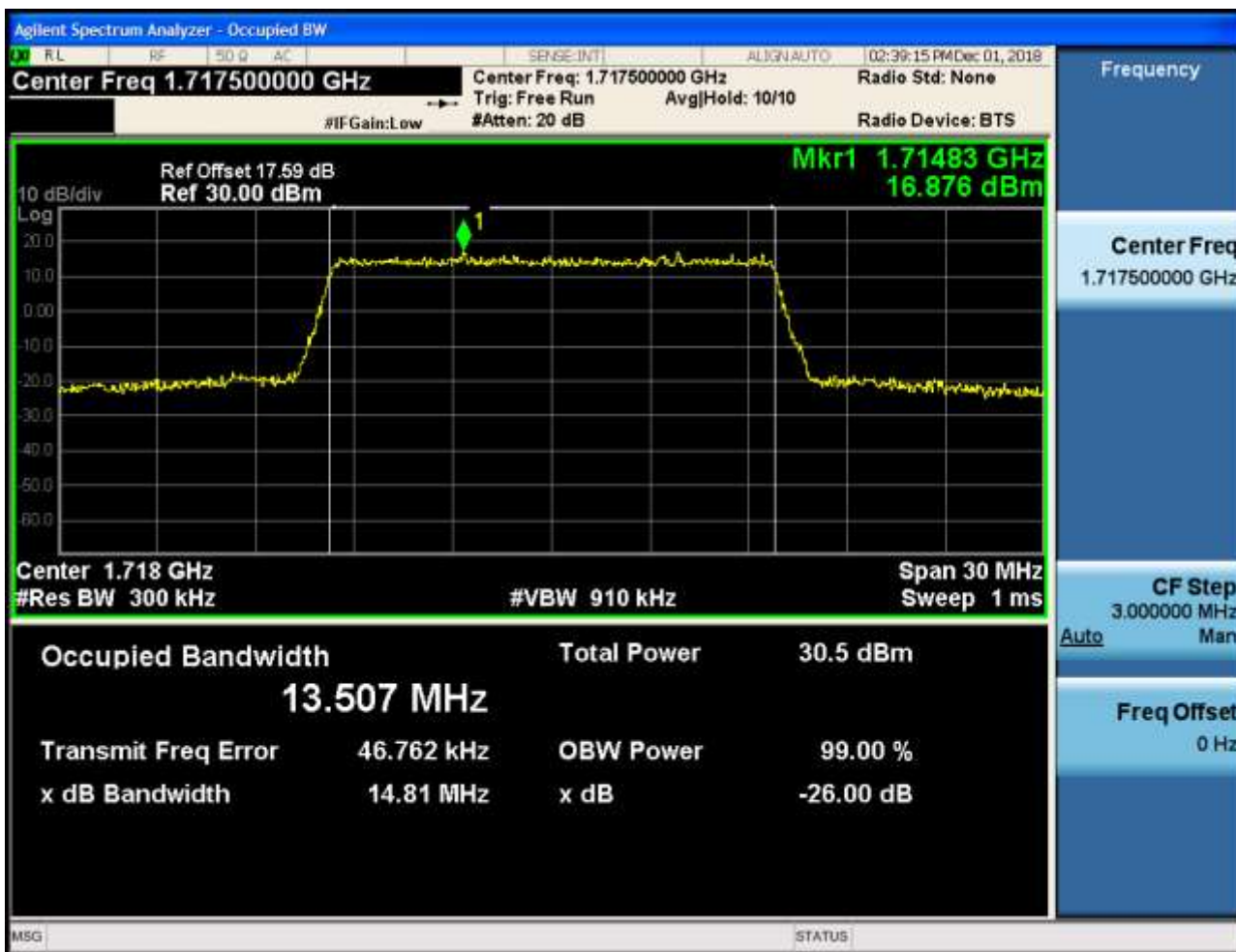
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

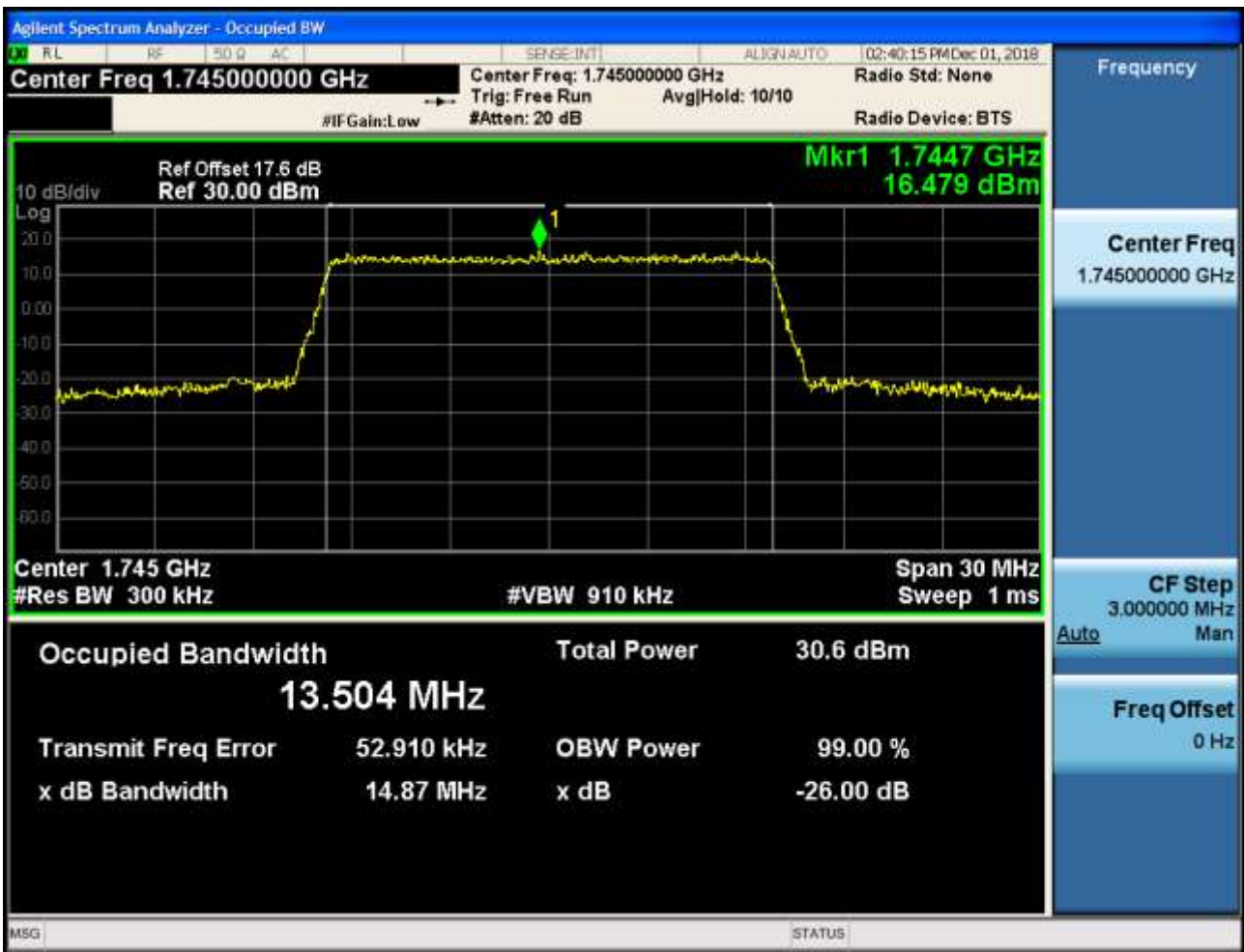
4.1.1.1.5.1 Test Channel = LCH

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

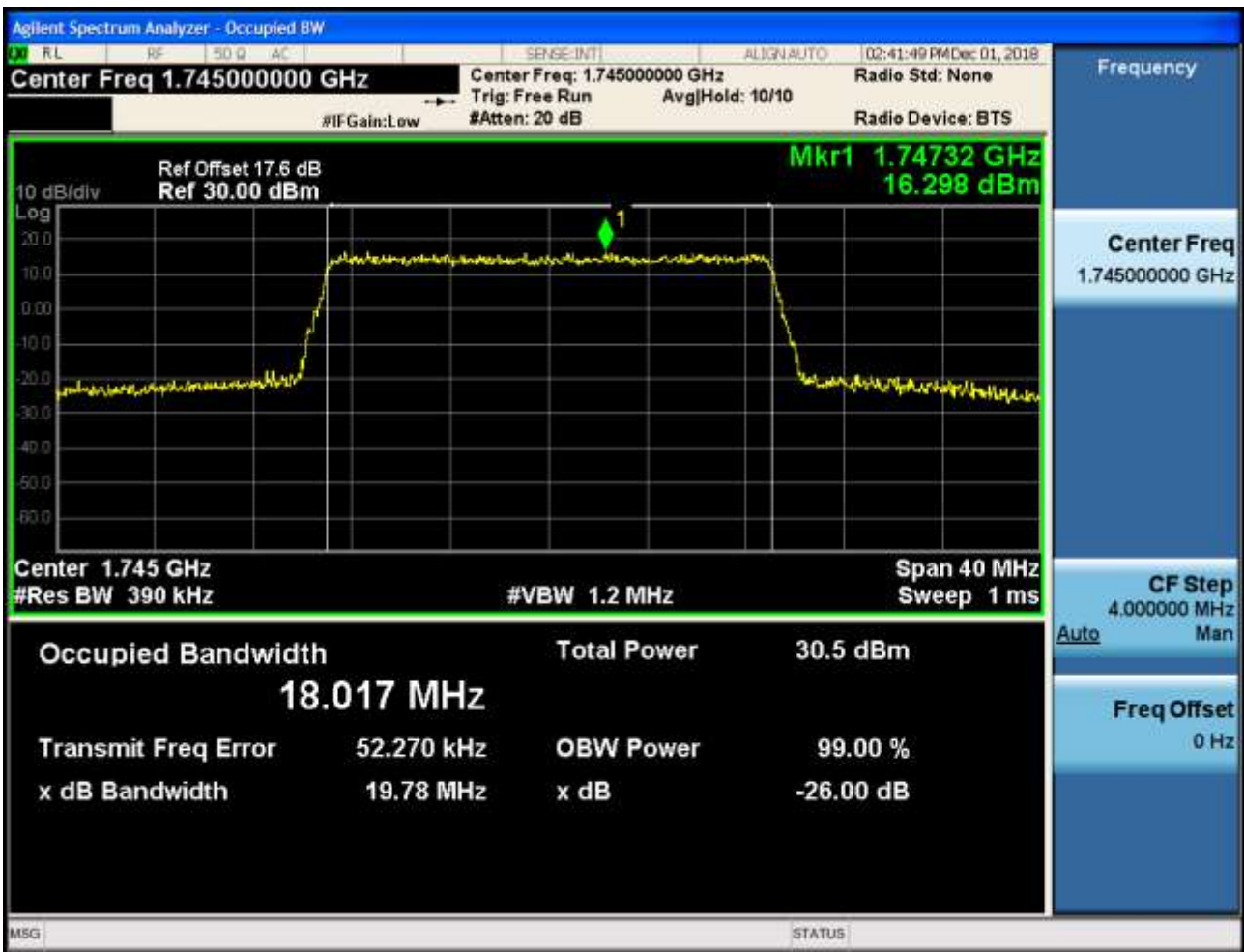
4.1.1.1.6.1.1 Test RB = RB100#0





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

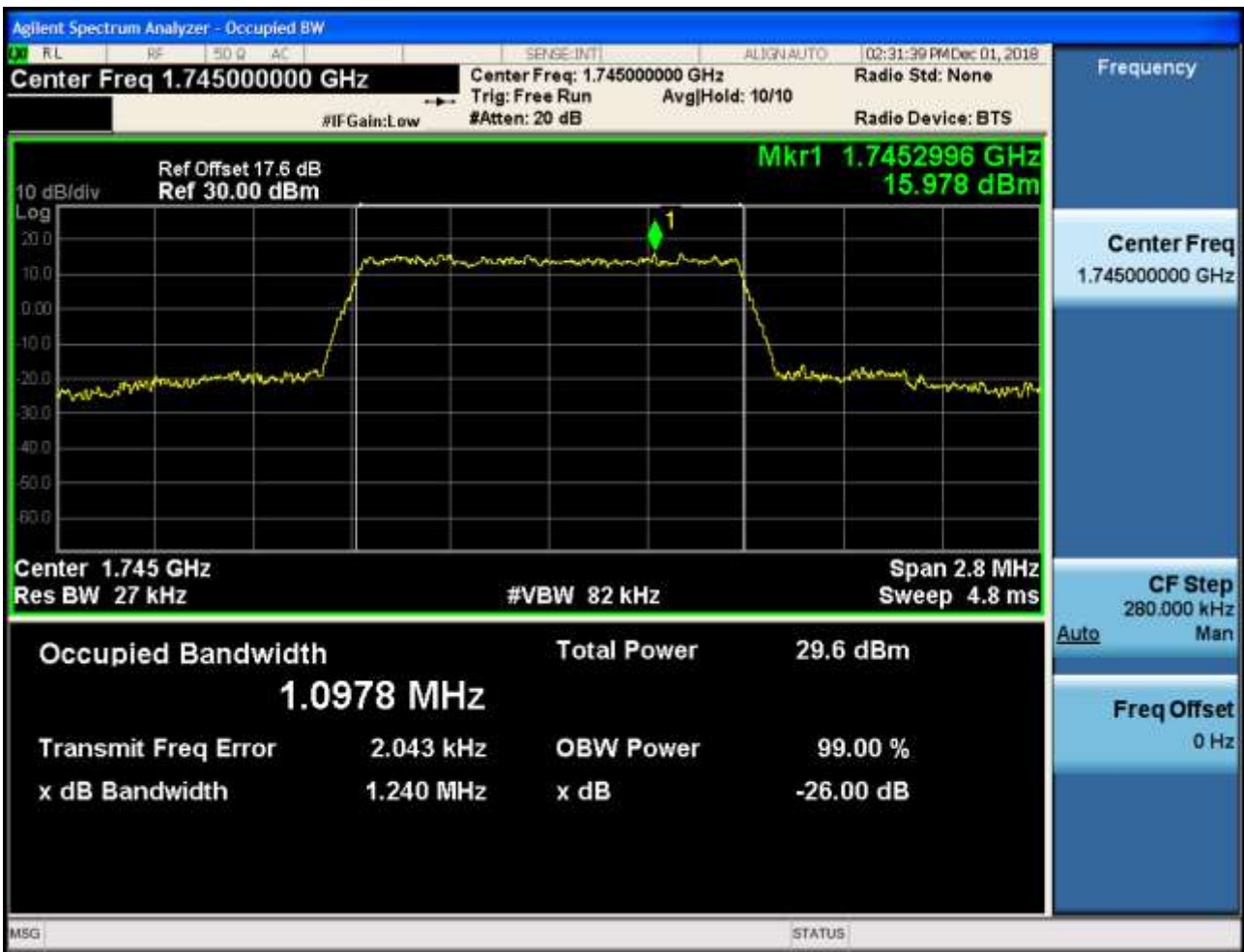
4.1.1.2.1.1 Test Channel = LCH

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

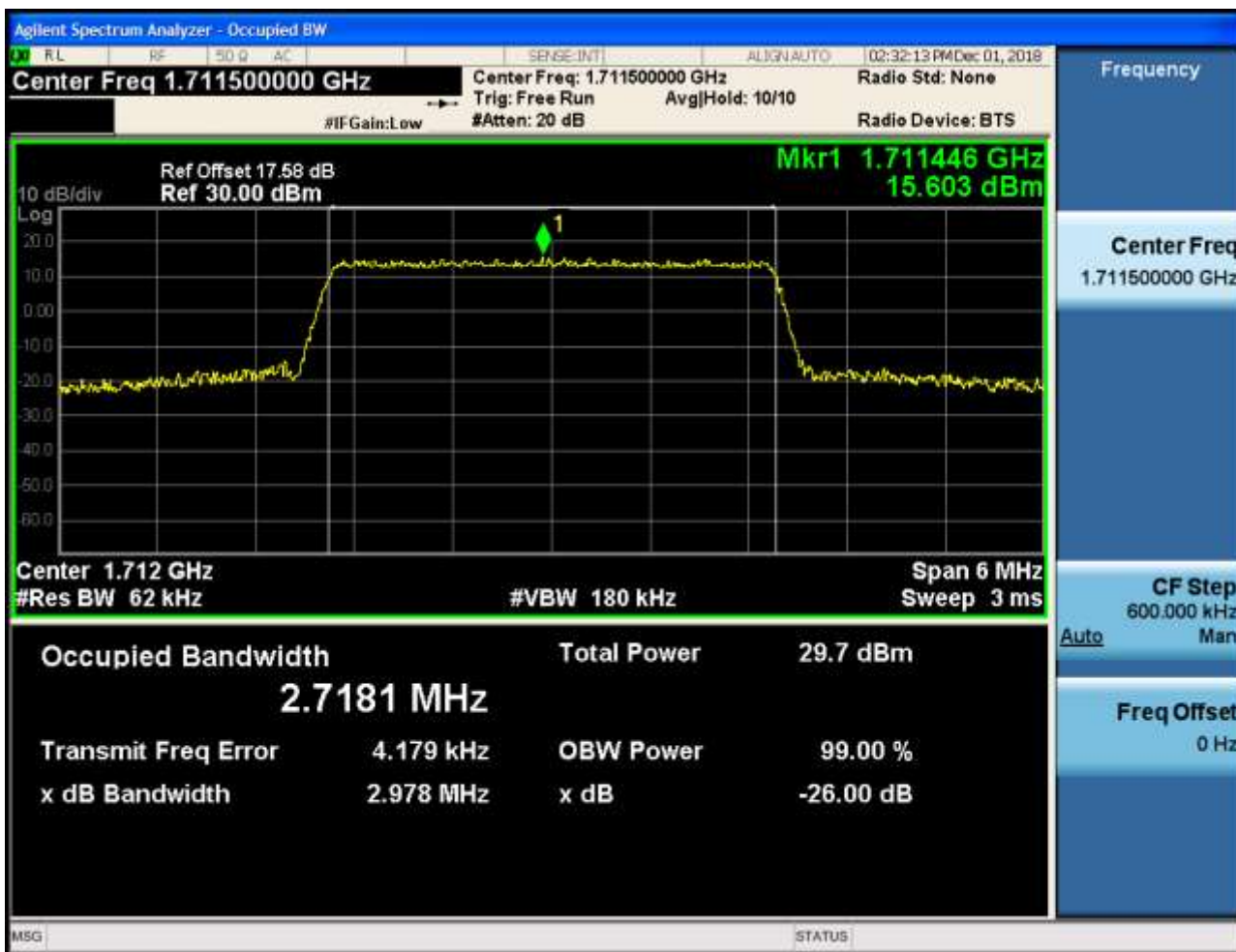
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

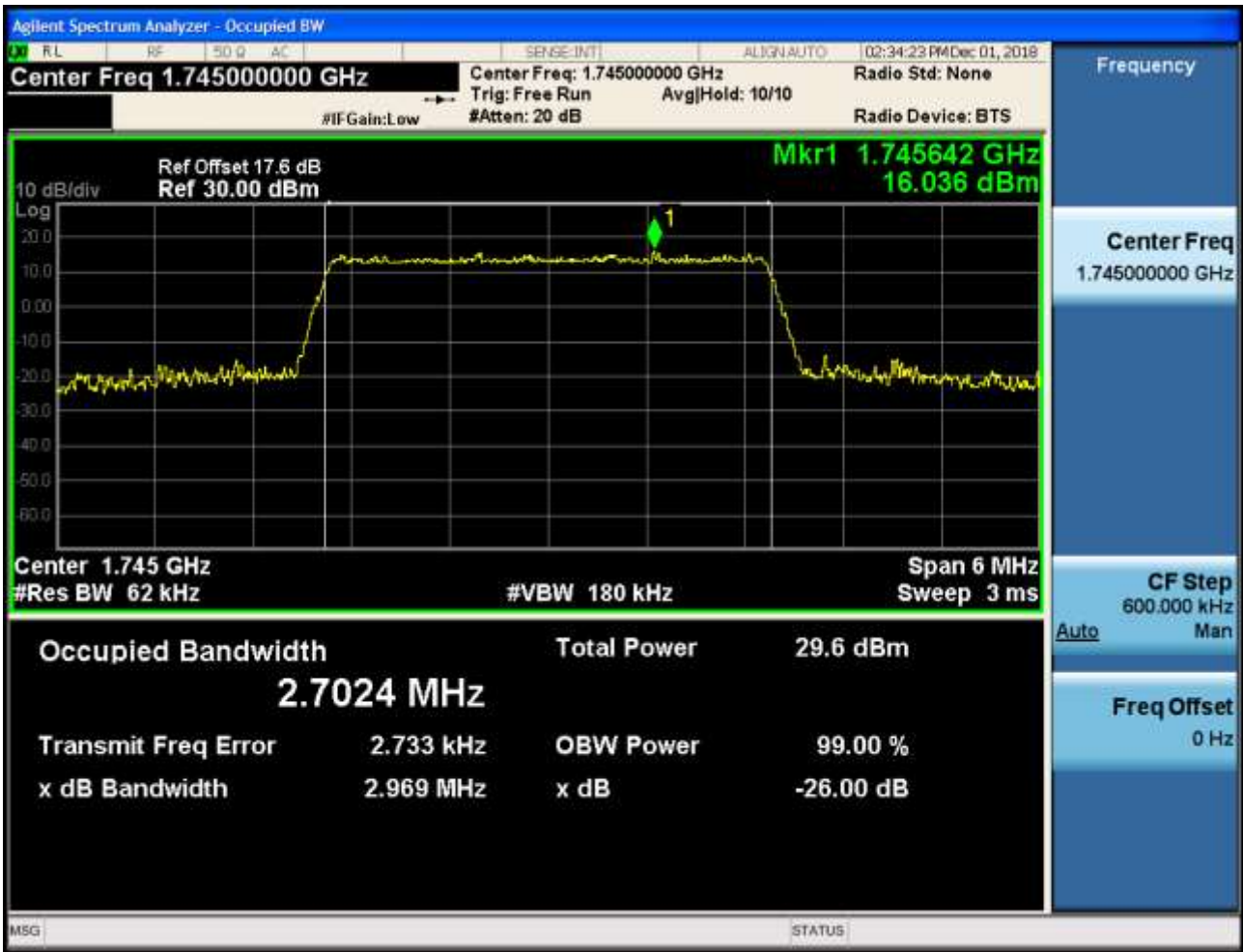
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



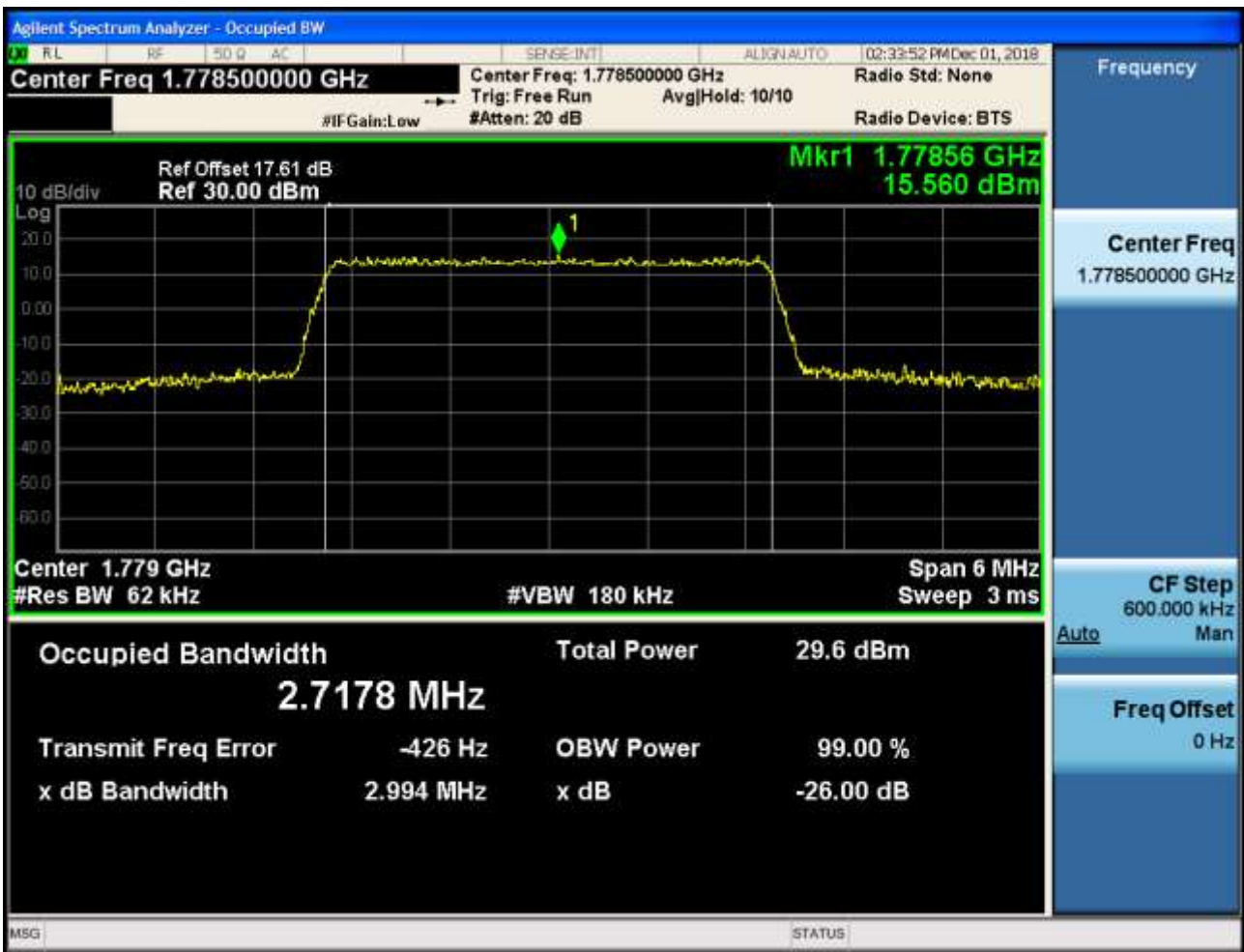
4.1.1.2.2 Test Channel = MCH

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

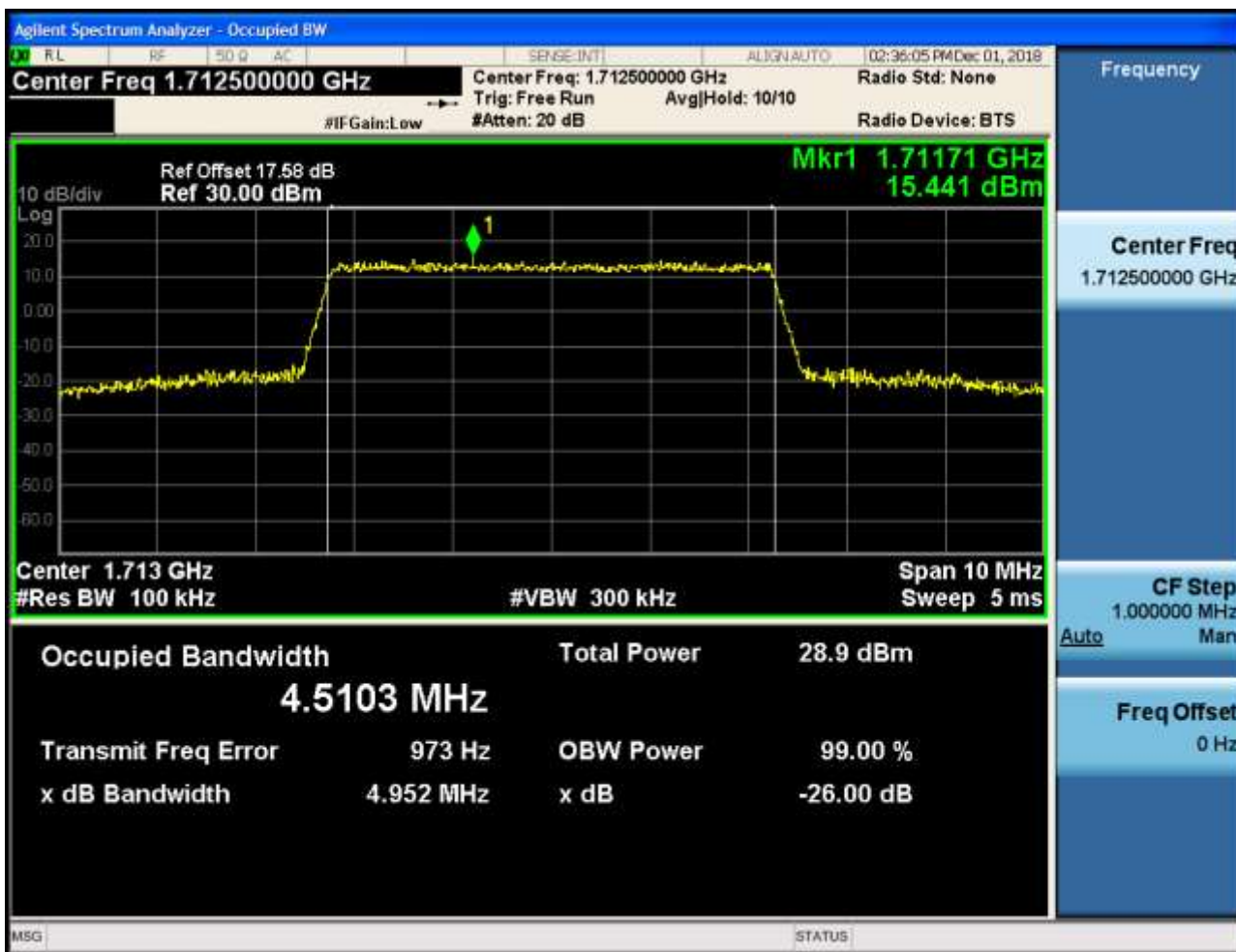




4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



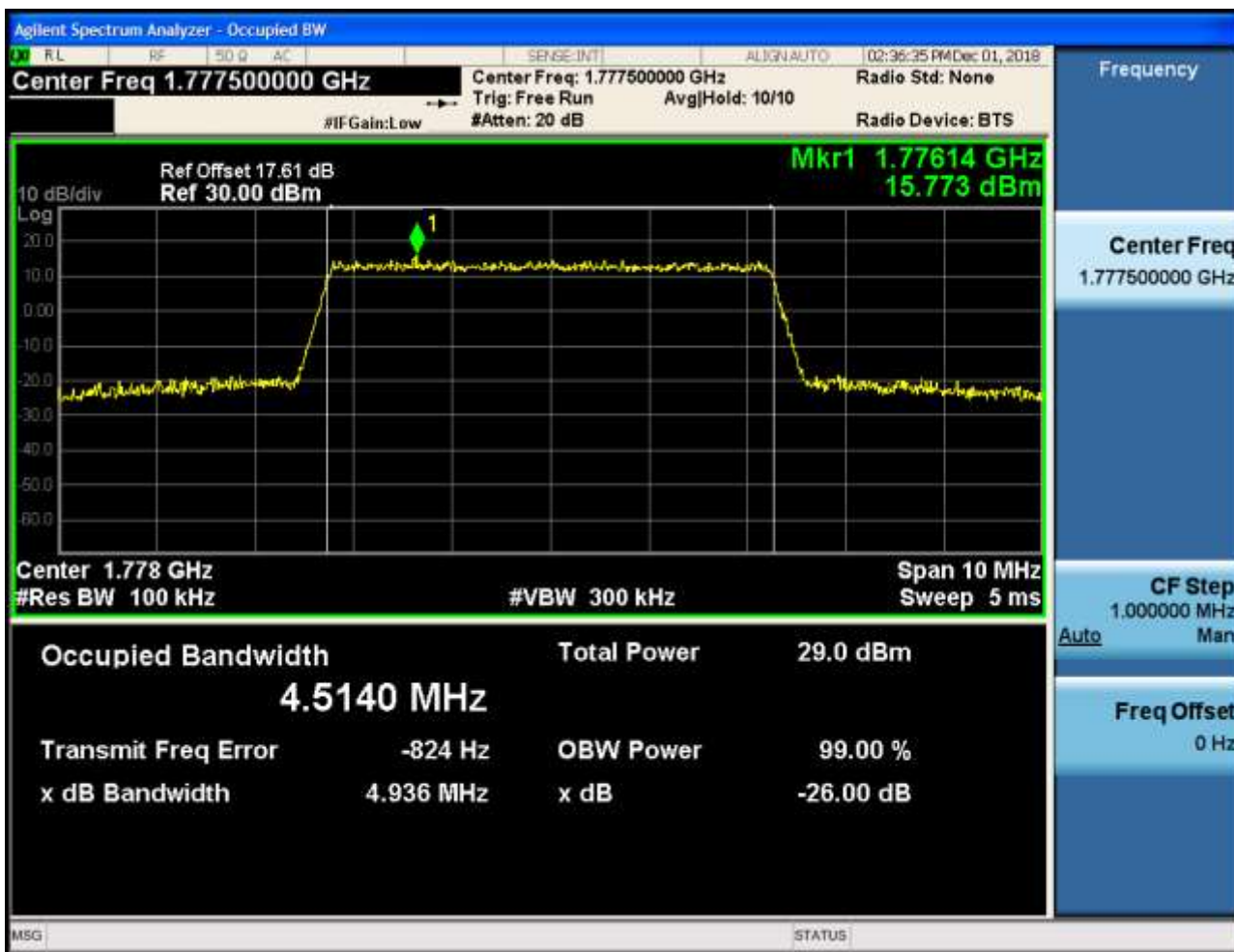
4.1.1.2.3.2 Test Channel = MCH

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

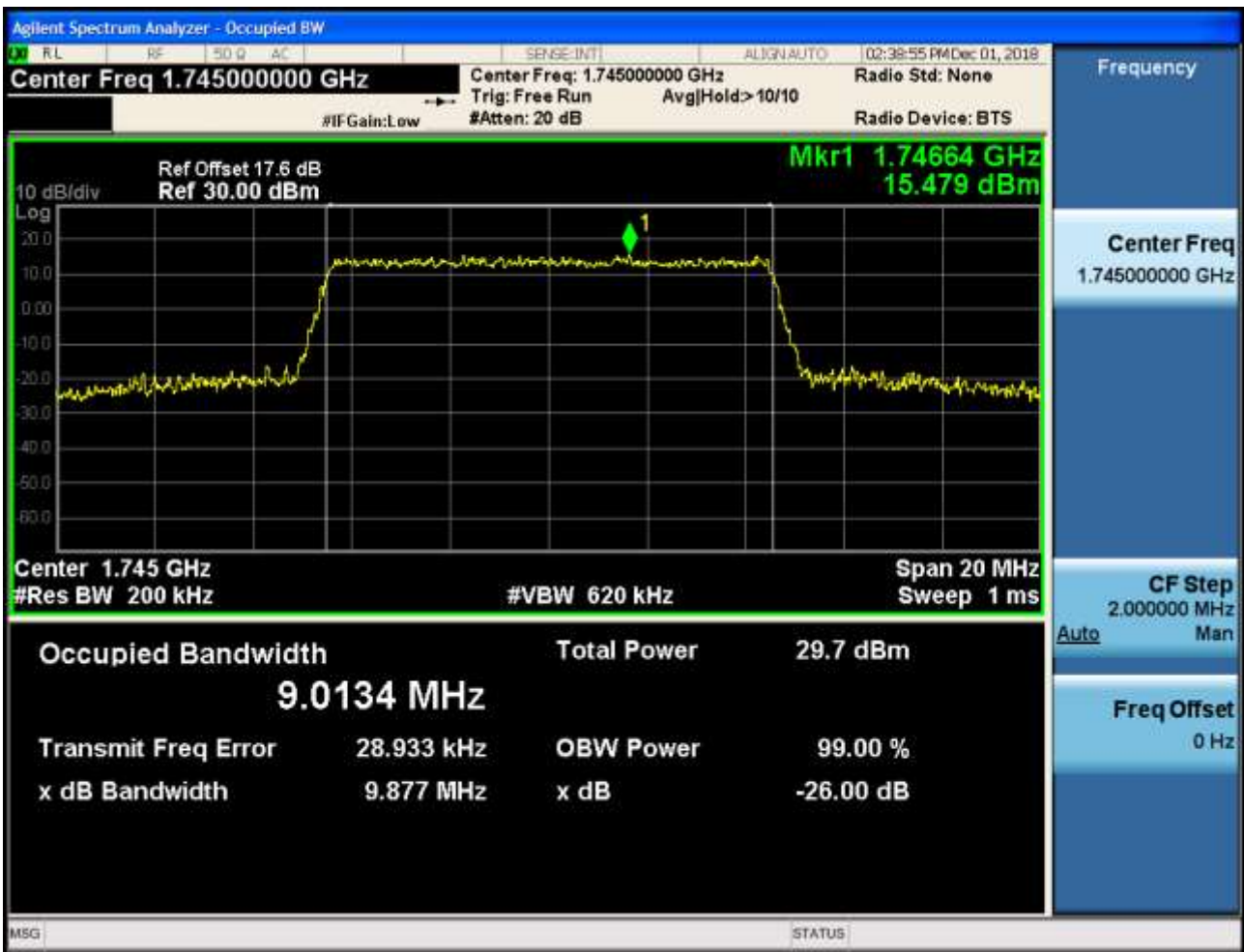
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



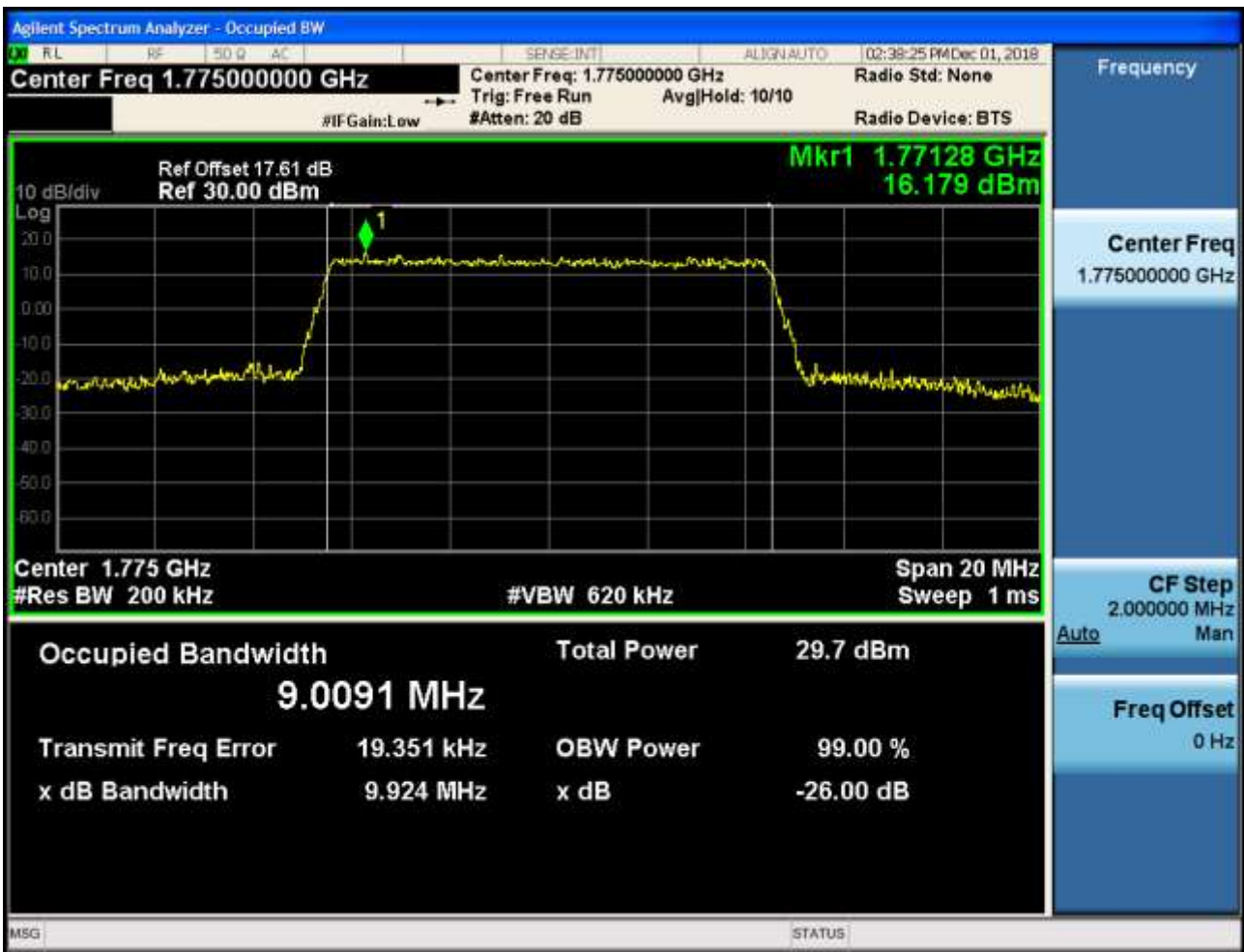
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

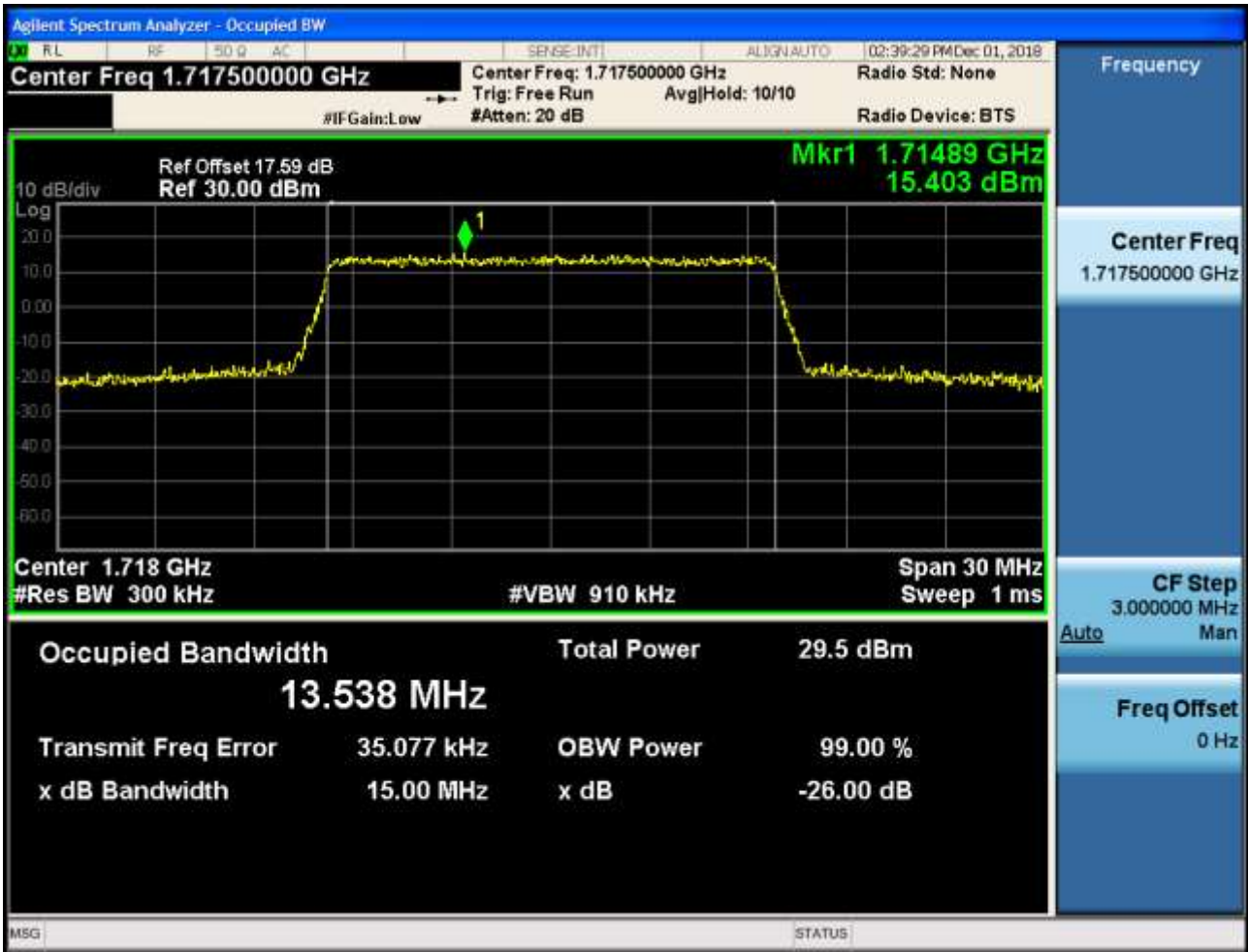
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

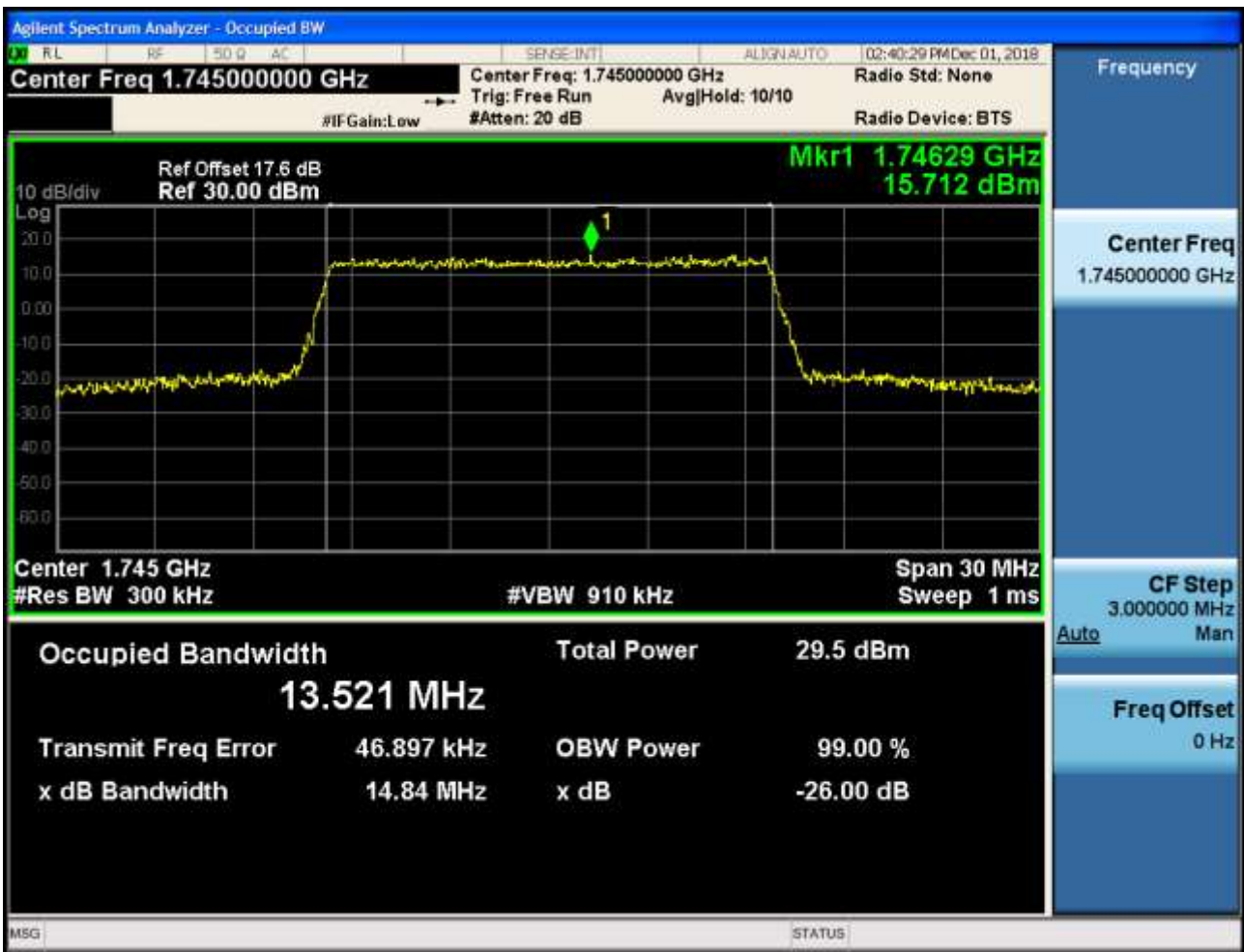
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



4.1.1.2.5.2 Test Channel = MCH

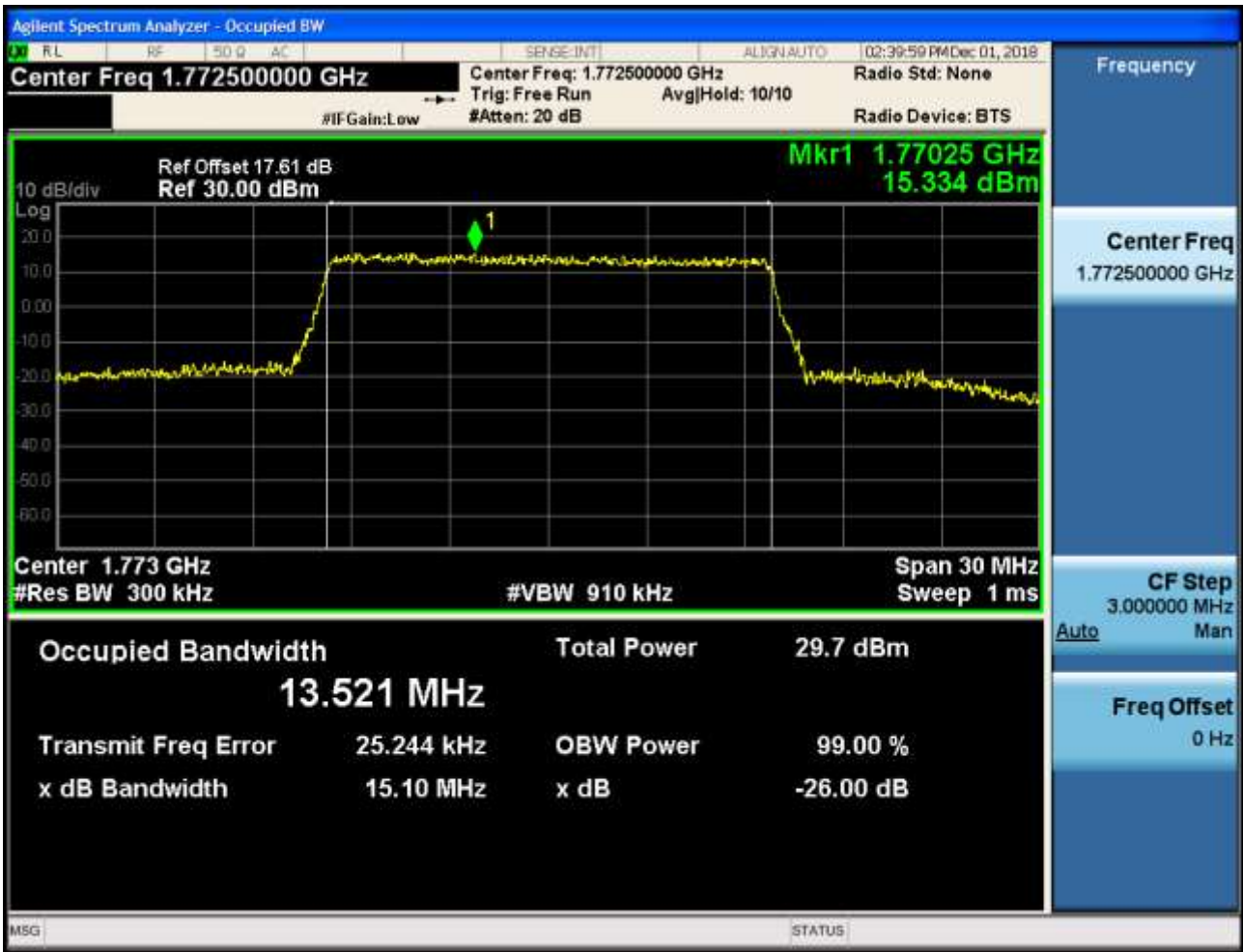
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

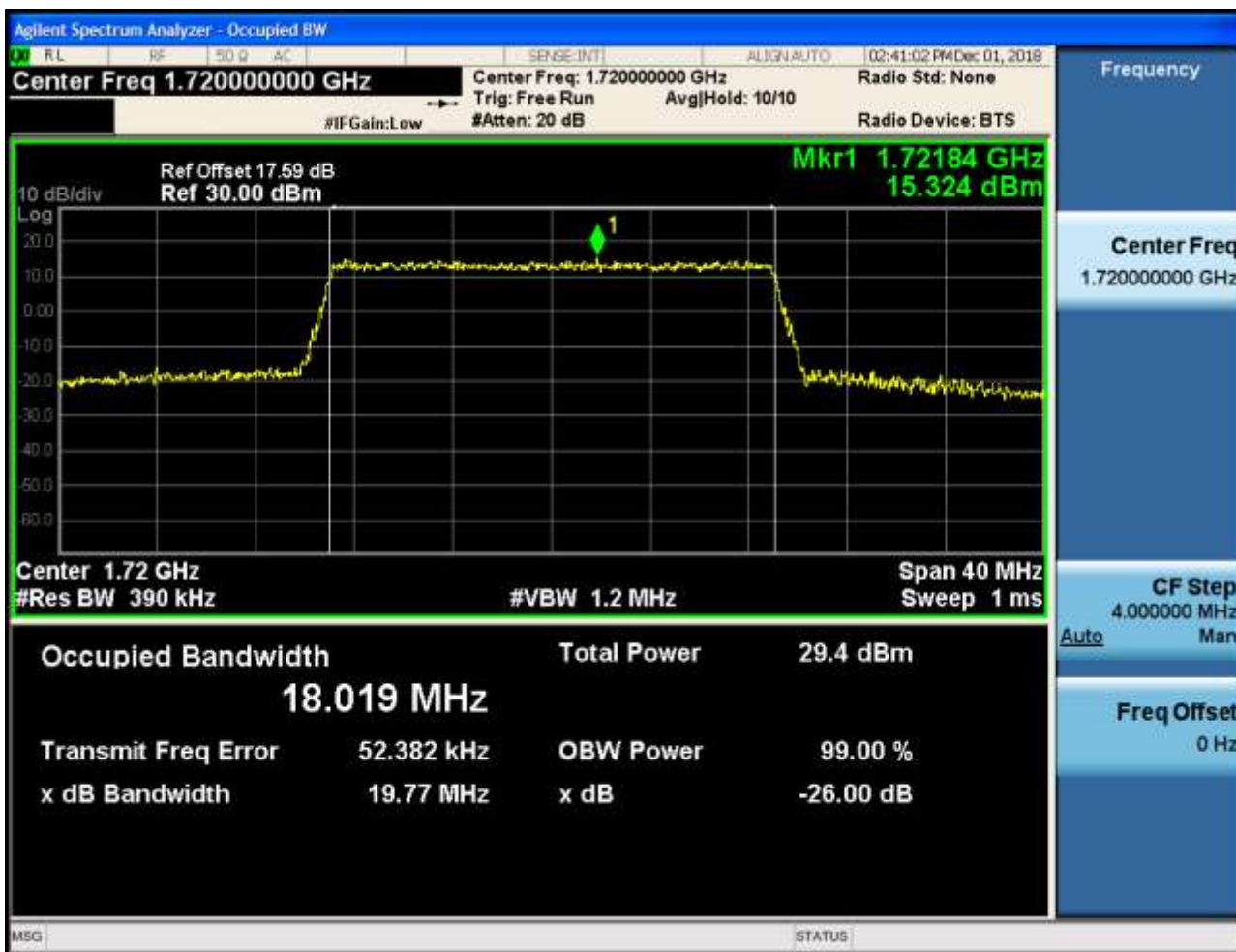
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

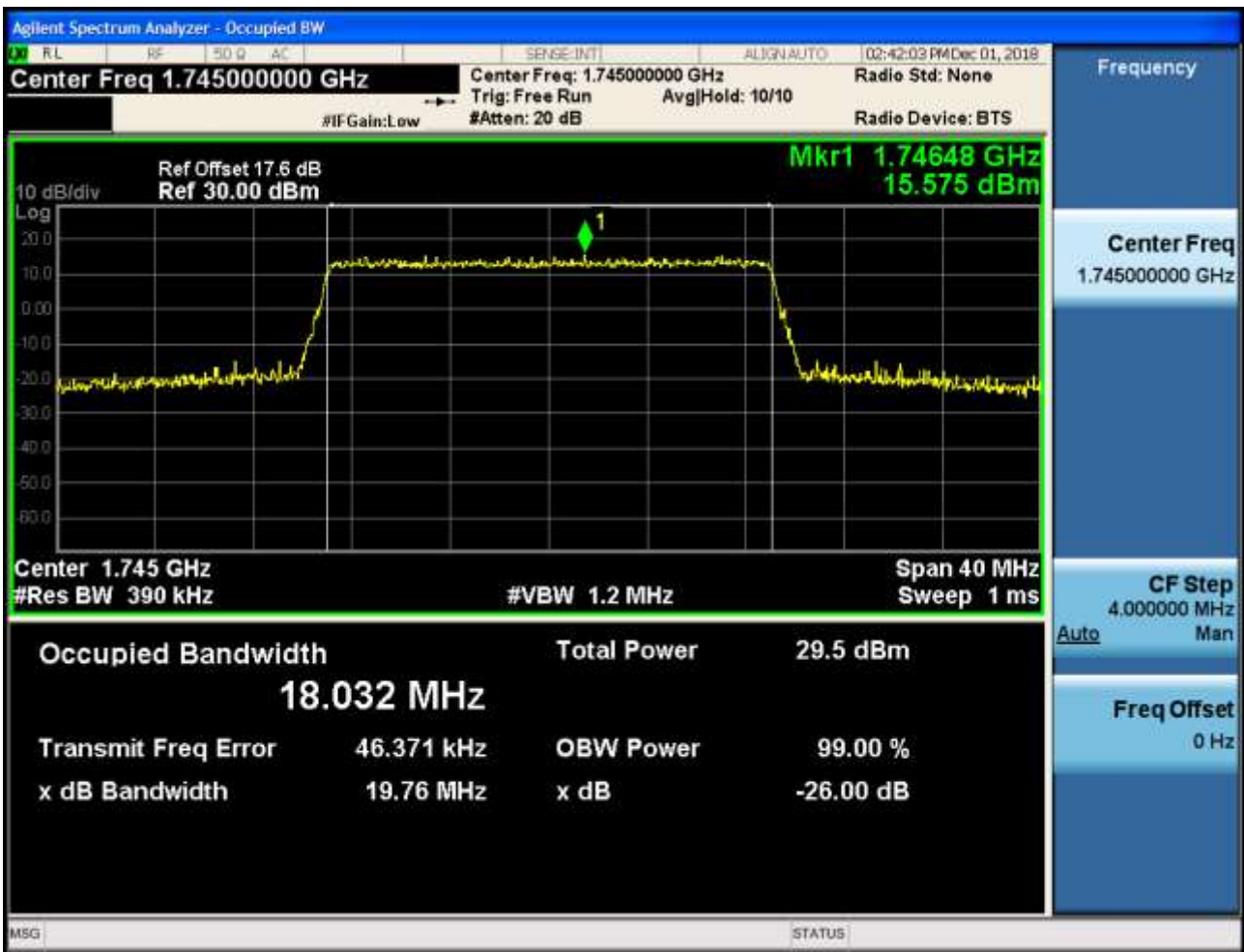
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



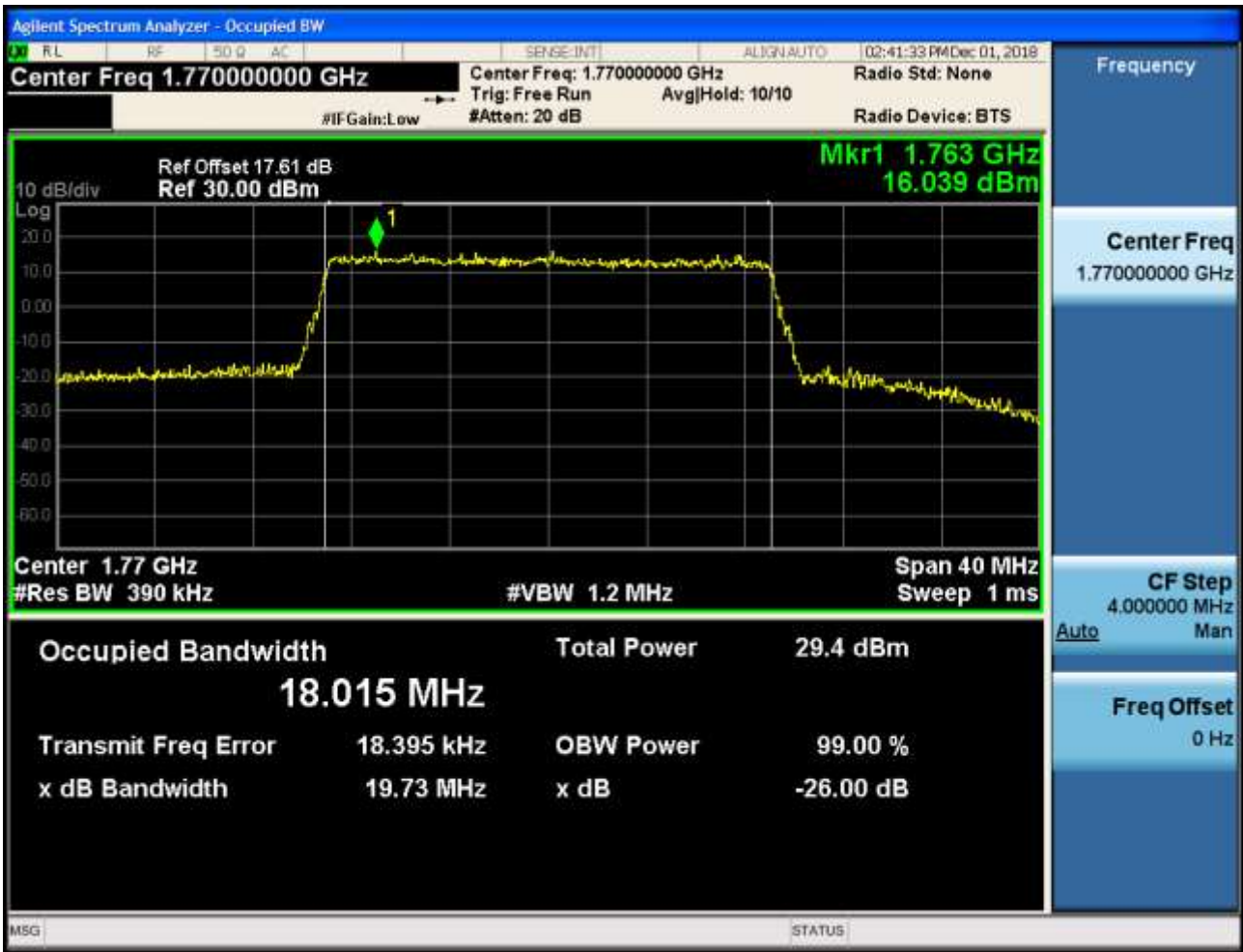
4.1.1.2.6.2 Test Channel = MCH

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 = Band66

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

##### 5.1.1.1.1 Test Bandwidth = 1.4

##### 5.1.1.1.1.1 Test Channel = LCH

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



5.1.1.1.1.2 Test RB = RB1#5



## 5.1.1.1.1.3 Test RB = RB3#2



## 5.1.1.1.1.4 Test RB = RB6#0





## 5.1.1.1.1.2 Test Channel = HCH

## 5.1.1.1.1.2.1 Test RB = RB1#0



## 5.1.1.1.1.2.2 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 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





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





## 5.1.1.1.4.2.3 Test RB = RB25#13



## 5.1.1.1.4.2.4 Test RB = RB50#0



## 5.1.1.1.5 Test Bandwidth = 15

## 5.1.1.1.5.1 Test Channel = LCH

## 5.1.1.1.5.1.1 Test RB = RB1#0



## 5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





5.1.1.1.5.1.4 Test RB = RB75#0





## 5.1.1.1.5.2 Test Channel = HCH

## 5.1.1.1.5.2.1 Test RB = RB1#0



## 5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0



## 5.1.1.1.6 Test Bandwidth = 20

## 5.1.1.1.6.1 Test Channel = LCH

## 5.1.1.1.6.1.1 Test RB = RB1#0





5.1.1.1.6.1.2 Test RB = RB1#99





5.1.1.1.6.1.3 Test RB = RB50#25





5.1.1.1.6.1.4 Test RB = RB100#0





## 5.1.1.1.6.2 Test Channel = HCH

## 5.1.1.1.6.2.1 Test RB = RB1#0



## 5.1.1.1.6.2.2 Test RB = RB1#99





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



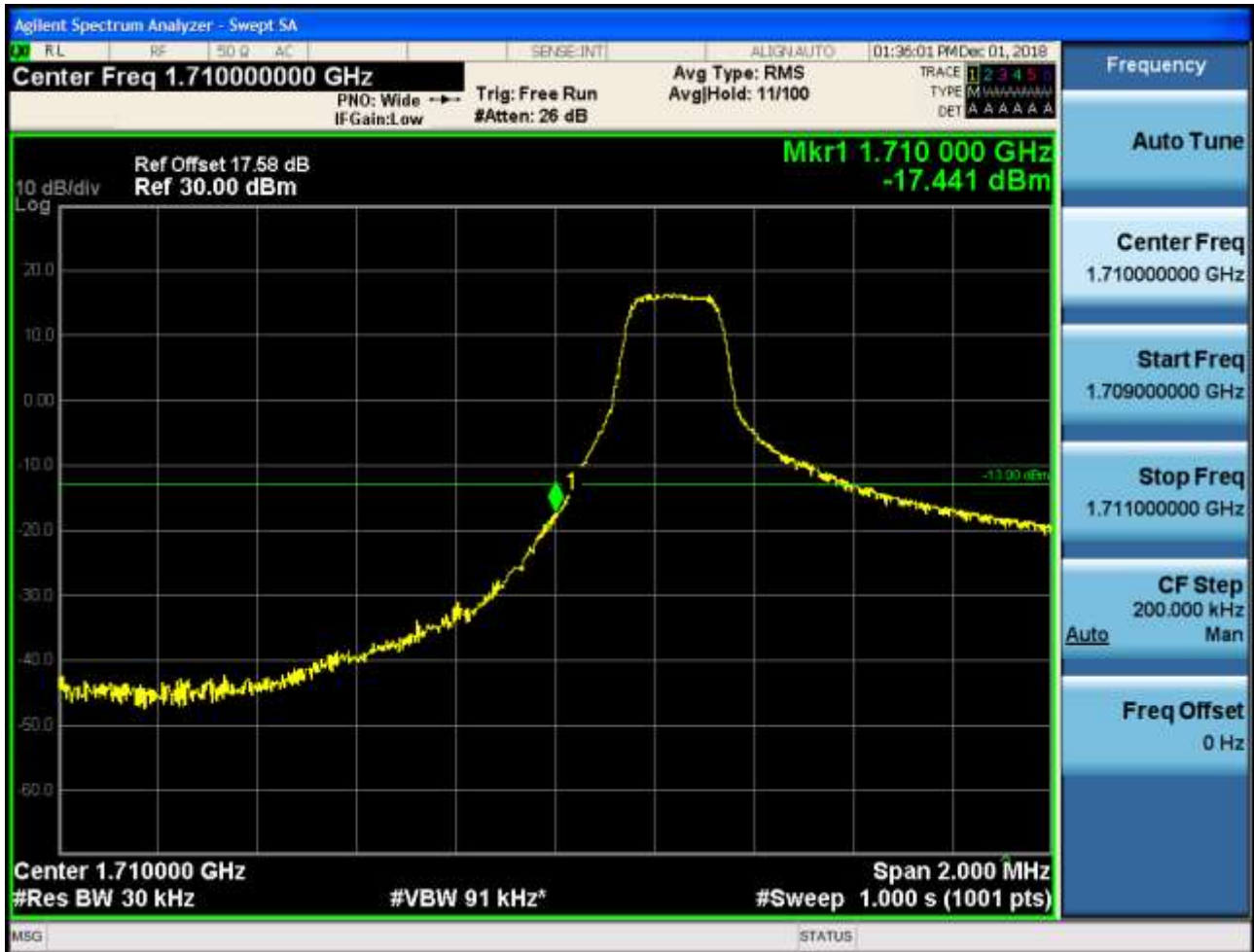
## 5.1.1.2.1.2.4 Test RB = RB6#0



## 5.1.1.2.2 Test Bandwidth = 3

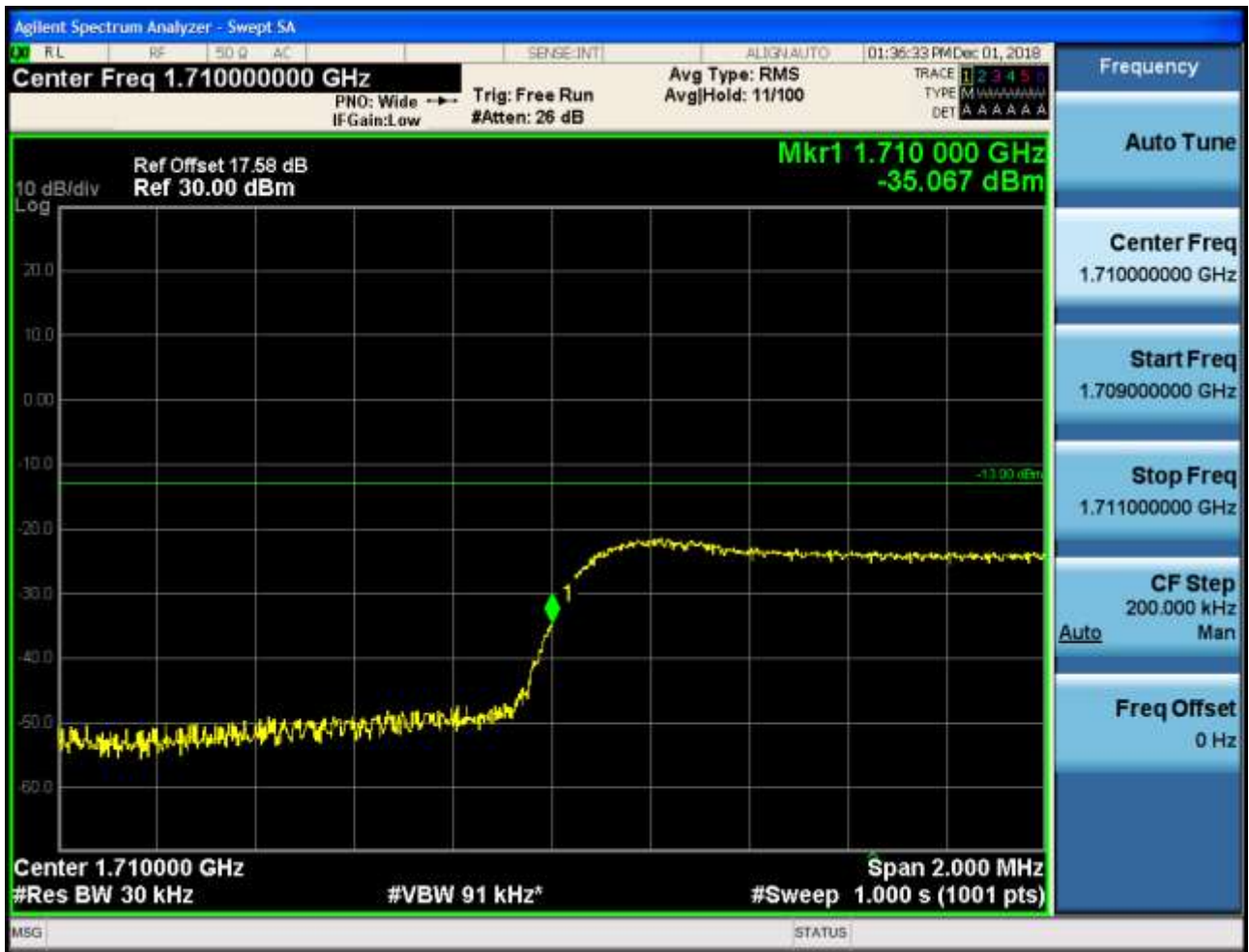
## 5.1.1.2.2.1 Test Channel = LCH

## 5.1.1.2.2.1.1 Test RB = RB1#0





5.1.1.2.2.1.2 Test RB = RB1#14





5.1.1.2.2.1.3 Test RB = RB8#4



## 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

