



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	22.41	20.42	30	PASS
				RB1#3	21.50	19.51	30	PASS
				RB1#5	21.49	19.50	30	PASS
				RB3#0	21.35	19.36	30	PASS
				RB3#2	21.47	19.48	30	PASS
				RB3#3	21.48	19.49	30	PASS
				RB6#0	21.55	19.56	30	PASS
			MCH	RB1#0	21.45	19.46	30	PASS
				RB1#3	21.30	19.31	30	PASS
				RB1#5	21.28	19.29	30	PASS
				RB3#0	21.44	19.45	30	PASS
				RB3#2	21.23	19.24	30	PASS
				RB3#3	21.25	19.26	30	PASS
				RB6#0	21.23	19.24	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.46	19.47	30	PASS
				RB1#3	21.43	19.44	30	PASS
				RB1#5	21.25	19.26	30	PASS
				RB3#0	21.43	19.44	30	PASS
				RB3#2	21.28	19.29	30	PASS
				RB3#3	21.39	19.40	30	PASS
				RB6#0	21.38	19.39	30	PASS
		3	LCH	RB1#0	21.57	19.58	30	PASS
				RB1#7	21.40	19.41	30	PASS
				RB1#14	21.47	19.48	30	PASS
				RB8#0	21.32	19.33	30	PASS
				RB8#4	21.32	19.33	30	PASS
				RB8#7	21.33	19.34	30	PASS
				RB15#0	21.35	19.36	30	PASS
		MCH	RB1#0	21.37	19.38	30	PASS	
			RB1#7	21.45	19.46	30	PASS	
			RB1#14	21.18	19.19	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.23	19.24	30	PASS
				RB8#4	21.38	19.39	30	PASS
				RB8#7	21.37	19.38	30	PASS
				RB15#0	21.34	19.35	30	PASS
			HCH	RB1#0	21.30	19.31	30	PASS
				RB1#7	21.24	19.25	30	PASS
				RB1#14	21.29	19.30	30	PASS
				RB8#0	21.31	19.32	30	PASS
			RB8#4	21.38	19.39	30	PASS	
			RB8#7	21.32	19.33	30	PASS	
			RB15#0	21.46	19.47	30	PASS	
			5	LCH	RB1#0	21.61	19.62	30
		RB1#13			21.62	19.63	30	PASS
		RB1#24			21.65	19.66	30	PASS
		RB12#0			21.43	19.44	30	PASS
		RB12#6			21.34	19.35	30	PASS
		RB12#13			21.42	19.43	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.41	19.42	30	PASS
			MCH	RB1#0	21.45	19.46	30	PASS
				RB1#13	21.46	19.47	30	PASS
				RB1#24	21.44	19.45	30	PASS
				RB12#0	21.49	19.50	30	PASS
				RB12#6	21.39	19.40	30	PASS
				RB12#13	21.40	19.41	30	PASS
				RB25#0	21.35	19.36	30	PASS
				HCH	RB1#0	21.28	19.29	30
			RB1#13		21.21	19.22	30	PASS
			RB1#24		21.28	19.29	30	PASS
			RB12#0		21.24	19.25	30	PASS
			RB12#6		21.16	19.17	30	PASS
			RB12#13		21.52	19.53	30	PASS
			RB25#0		21.40	19.41	30	PASS
		10	LCH	RB1#0	21.40	19.41	30	PASS
				RB1#25	21.61	19.62	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.52	19.53	30	PASS
				RB25#0	21.45	19.46	30	PASS
				RB25#13	21.34	19.35	30	PASS
				RB25#25	21.37	19.38	30	PASS
				RB50#0	21.39	19.40	30	PASS
			MCH	RB1#0	21.41	19.42	30	PASS
				RB1#25	21.38	19.39	30	PASS
				RB1#49	21.25	19.26	30	PASS
				RB25#0	21.30	19.31	30	PASS
				RB25#13	21.34	19.35	30	PASS
				RB25#25	21.35	19.36	30	PASS
				RB50#0	21.29	19.30	30	PASS
			HCH	RB1#0	21.21	19.22	30	PASS
				RB1#25	21.37	19.38	30	PASS
				RB1#49	21.28	19.29	30	PASS
				RB25#0	21.14	19.15	30	PASS
				RB25#13	21.18	19.19	30	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.27	19.28	30	PASS
				RB50#0	21.40	19.41	30	PASS
		15	LCH	RB1#0	21.39	19.40	30	PASS
				RB1#38	21.67	19.68	30	PASS
				RB1#74	21.56	19.57	30	PASS
				RB38#0	21.49	19.50	30	PASS
				RB38#19	21.48	19.49	30	PASS
				RB38#39	21.45	19.46	30	PASS
				RB75#0	21.45	19.46	30	PASS
				MCH	RB1#0	21.27	19.28	30
		RB1#38	21.39		19.40	30	PASS	
		RB1#74	21.22		19.23	30	PASS	
		RB38#0	21.26		19.27	30	PASS	
		RB38#19	21.32		19.33	30	PASS	
		RB38#39	21.55		19.56	30	PASS	
HCH	RB75#0	21.33	19.34	30	PASS			
	RB1#0	21.32	19.33	30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.43	19.44	30	PASS
				RB1#74	21.27	19.28	30	PASS
				RB38#0	21.47	19.48	30	PASS
				RB38#19	21.40	19.41	30	PASS
				RB38#39	21.38	19.39	30	PASS
				RB75#0	21.40	19.41	30	PASS
		20	LCH	RB1#0	21.56	19.57	30	PASS
				RB1#50	21.49	19.50	30	PASS
				RB1#99	21.54	19.55	30	PASS
				RB50#0	21.50	19.51	30	PASS
				RB50#25	21.44	19.45	30	PASS
				RB50#50	21.49	19.50	30	PASS
				RB100#0	21.47	19.48	30	PASS
				MCH	RB1#0	21.48	19.49	30
RB1#50	21.45	19.46	30		PASS			
RB1#99	21.50	19.51	30		PASS			
RB50#0	21.32	19.33	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.32	19.33	30	PASS
				RB50#50	21.31	19.32	30	PASS
				RB100#0	21.27	19.28	30	PASS
			HCH	RB1#0	21.41	19.42	30	PASS
				RB1#50	21.41	19.42	30	PASS
				RB1#99	21.44	19.45	30	PASS
				RB50#0	21.30	19.31	30	PASS
				RB50#25	21.42	19.43	30	PASS
				RB50#50	21.42	19.43	30	PASS
				RB100#0	21.22	19.23	30	PASS
				LCH	RB1#0	21.66	19.67	30
			RB1#3		21.64	19.65	30	PASS
			RB1#5		21.83	19.84	30	PASS
			RB3#0		21.52	19.53	30	PASS
			RB3#2		21.54	19.55	30	PASS
RB3#3	21.48	19.49	30		PASS			
RB6#0	21.11	19.12	30		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.74	19.75	30	PASS
				RB1#3	21.53	19.54	30	PASS
				RB1#5	21.81	19.82	30	PASS
				RB3#0	21.25	19.26	30	PASS
				RB3#2	21.31	19.32	30	PASS
				RB3#3	21.27	19.28	30	PASS
			RB6#0	20.84	18.85	30	PASS	
			HCH	RB1#0	21.75	19.76	30	PASS
				RB1#3	21.84	19.85	30	PASS
				RB1#5	21.79	19.80	30	PASS
				RB3#0	21.43	19.44	30	PASS
				RB3#2	21.40	19.41	30	PASS
		RB3#3		21.36	19.37	30	PASS	
		3	LCH	RB1#0	21.70	19.71	30	PASS
				RB1#7	21.57	19.58	30	PASS
				RB1#14	21.80	19.81	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.79	18.80	30	PASS
				RB8#4	20.83	18.84	30	PASS
				RB8#7	20.99	19.00	30	PASS
				RB15#0	20.83	18.84	30	PASS
			MCH	RB1#0	21.92	19.93	30	PASS
				RB1#7	21.56	19.57	30	PASS
				RB1#14	21.60	19.61	30	PASS
				RB8#0	20.76	18.77	30	PASS
				RB8#4	20.97	18.98	30	PASS
				RB8#7	20.95	18.96	30	PASS
				RB15#0	20.88	18.89	30	PASS
			HCH	RB1#0	21.28	19.29	30	PASS
				RB1#7	21.28	19.29	30	PASS
				RB1#14	21.47	19.48	30	PASS
				RB8#0	20.65	18.66	30	PASS
				RB8#4	20.94	18.95	30	PASS
				RB8#7	20.87	18.88	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.98	18.99	30	PASS
		5	LCH	RB1#0	21.68	19.69	30	PASS
				RB1#13	21.78	19.79	30	PASS
				RB1#24	21.73	19.74	30	PASS
				RB12#0	20.92	18.93	30	PASS
				RB12#6	21.11	19.12	30	PASS
				RB12#13	20.93	18.94	30	PASS
				RB25#0	20.80	18.81	30	PASS
				MCH	RB1#0	21.85	19.86	30
			RB1#13		21.86	19.87	30	PASS
			RB1#24		21.83	19.84	30	PASS
			RB12#0		21.06	19.07	30	PASS
			RB12#6		21.00	19.01	30	PASS
			RB12#13		21.04	19.05	30	PASS
			RB25#0		20.89	18.90	30	PASS
			HCH	RB1#0	21.96	19.97	30	PASS
		RB1#13		21.87	19.88	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.93	19.94	30	PASS
				RB12#0	21.01	19.02	30	PASS
				RB12#6	20.99	19.00	30	PASS
				RB12#13	21.05	19.06	30	PASS
				RB25#0	20.90	18.91	30	PASS
		10	LCH	RB1#0	21.71	19.72	30	PASS
				RB1#25	21.79	19.80	30	PASS
				RB1#49	21.67	19.68	30	PASS
				RB25#0	20.88	18.89	30	PASS
				RB25#13	21.03	19.04	30	PASS
				RB25#25	20.84	18.85	30	PASS
				RB50#0	20.78	18.79	30	PASS
			MCH	RB1#0	21.74	19.75	30	PASS
				RB1#25	21.73	19.74	30	PASS
				RB1#49	21.50	19.51	30	PASS
				RB25#0	20.83	18.84	30	PASS
				RB25#13	20.88	18.89	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.90	18.91	30	PASS
				RB50#0	20.80	18.81	30	PASS
			HCH	RB1#0	21.50	19.51	30	PASS
				RB1#25	21.49	19.50	30	PASS
				RB1#49	21.48	19.49	30	PASS
				RB25#0	20.91	18.92	30	PASS
				RB25#13	20.93	18.94	30	PASS
				RB25#25	21.00	19.01	30	PASS
				RB50#0	20.86	18.87	30	PASS
				15	LCH	RB1#0	21.73	19.74
		RB1#38	21.80			19.81	30	PASS
		RB1#74	21.61			19.62	30	PASS
		RB38#0	20.91			18.92	30	PASS
		RB38#19	20.80			18.81	30	PASS
		RB38#39	20.95			18.96	30	PASS
		RB75#0	20.83			18.84	30	PASS
MCH	RB1#0	21.70	19.71	30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#38	21.83	19.84	30	PASS	
				RB1#74	21.54	19.55	30	PASS	
				RB38#0	20.77	18.78	30	PASS	
				RB38#19	20.87	18.88	30	PASS	
				RB38#39	20.84	18.85	30	PASS	
				RB75#0	20.84	18.85	30	PASS	
			HCH	RB1#0	21.57	19.58	30	PASS	
				RB1#38	21.81	19.82	30	PASS	
				RB1#74	21.74	19.75	30	PASS	
				RB38#0	20.97	18.98	30	PASS	
				RB38#19	20.93	18.94	30	PASS	
				RB38#39	21.14	19.15	30	PASS	
		LCH	RB75#0	20.89	18.90	30	PASS		
			20		RB1#0	22.10	20.11	30	PASS
			RB1#50		21.86	19.87	30	PASS	
			RB1#99		22.05	20.06	30	PASS	
RB50#0	20.79	18.80	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.75	18.76	30	PASS
				RB50#50	20.82	18.83	30	PASS
				RB100#0	20.73	18.74	30	PASS
			MCH	RB1#0	21.96	19.97	30	PASS
				RB1#50	21.92	19.93	30	PASS
				RB1#99	22.15	20.16	30	PASS
				RB50#0	20.81	18.82	30	PASS
				RB50#25	20.84	18.85	30	PASS
				RB50#50	20.85	18.86	30	PASS
				RB100#0	20.77	18.78	30	PASS
			HCH	RB1#0	21.86	19.87	30	PASS
				RB1#50	21.70	19.71	30	PASS
				RB1#99	21.88	19.89	30	PASS
				RB50#0	20.71	18.72	30	PASS
				RB50#25	20.88	18.89	30	PASS
RB50#50	20.82	18.83		30	PASS			
RB100#0	20.97	18.98		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:

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

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

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

SET Sweep time = auto - couple.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
Band4	LTE/TM1	1.4	LCH	RB1#0	4.73	13	PASS
				RB1#3	5.63	13	PASS
				RB1#5	4.96	13	PASS
				RB3#0	5.34	13	PASS
				RB3#2	5.36	13	PASS
				RB3#3	5.33	13	PASS
			RB6#0	5.48	13	PASS	
			MCH	RB1#0	5.37	13	PASS
				RB1#3	5.26	13	PASS
				RB1#5	5.31	13	PASS
				RB3#0	5.81	13	PASS
				RB3#2	5.80	13	PASS
		RB3#3		5.83	13	PASS	
		HCH	RB6#0	5.63	13	PASS	
			RB1#0	5.73	13	PASS	
			RB1#3	5.69	13	PASS	
			RB1#5	5.57	13	PASS	
			RB3#0	5.58	13	PASS	
			RB3#2	5.53	13	PASS	
		3	LCH	RB3#3	5.38	13	PASS
				RB6#0	5.63	13	PASS
				RB1#0	5.48	13	PASS
				RB1#7	5.43	13	PASS
				RB1#14	5.64	13	PASS
RB8#0	4.97			13	PASS		
MCH	RB8#4		4.99	13	PASS		
	RB8#7		5.16	13	PASS		
	RB15#0		5.34	13	PASS		
	RB1#0		5.18	13	PASS		
	RB1#7		5.64	13	PASS		
	RB1#14		5.68	13	PASS		
RB8#0	5.25	13	PASS				
RB8#4	5.26	13	PASS				
RB8#7	5.28	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	5.66	13	PASS
				RB1#0	5.07	13	PASS
				RB1#7	5.52	13	PASS
				RB1#14	5.46	13	PASS
				RB8#0	5.21	13	PASS
				RB8#4	5.26	13	PASS
				RB8#7	5.30	13	PASS
				RB15#0	5.35	13	PASS
		5	LCH	RB1#0	5.23	13	PASS
				RB1#13	5.25	13	PASS
				RB1#24	5.22	13	PASS
				RB12#0	4.95	13	PASS
				RB12#6	4.99	13	PASS
				RB12#13	5.15	13	PASS
				RB25#0	5.58	13	PASS
			MCH	RB1#0	5.48	13	PASS
				RB1#13	5.46	13	PASS
				RB1#24	5.46	13	PASS
				RB12#0	5.17	13	PASS
				RB12#6	5.19	13	PASS
				RB12#13	5.27	13	PASS
			HCH	RB1#0	5.52	13	PASS
				RB1#13	5.56	13	PASS
				RB1#24	5.60	13	PASS
				RB12#0	5.37	13	PASS
		RB12#6		5.21	13	PASS	
		RB12#13		5.09	13	PASS	
		RB25#0		5.69	13	PASS	
		10	LCH	RB1#0	5.36	13	PASS
				RB1#25	5.42	13	PASS
				RB1#49	5.52	13	PASS
				RB25#0	5.30	13	PASS
				RB25#13	5.25	13	PASS
RB25#25	5.51			13	PASS		
RB50#0	5.75		13	PASS			
MCH	RB1#0		5.82	13	PASS		
	RB1#25		5.80	13	PASS		
	RB1#49	5.87	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#0	5.44	13	PASS
				RB25#13	5.45	13	PASS
				RB25#25	5.45	13	PASS
				RB50#0	5.86	13	PASS
			HCH	RB1#0	5.60	13	PASS
				RB1#25	5.70	13	PASS
				RB1#49	5.63	13	PASS
				RB25#0	5.37	13	PASS
				RB25#13	5.39	13	PASS
				RB25#25	5.41	13	PASS
				RB50#0	5.90	13	PASS
				LCH	RB1#0	5.43	13
			RB1#38		5.50	13	PASS
			RB1#74		5.70	13	PASS
		RB38#0	5.38		13	PASS	
		RB38#19	5.38		13	PASS	
		RB38#39	5.67		13	PASS	
		RB75#0	6.08		13	PASS	
		MCH	RB1#0	5.71	13	PASS	
			RB1#38	5.66	13	PASS	
			RB1#74	5.61	13	PASS	
			RB38#0	5.44	13	PASS	
			RB38#19	5.42	13	PASS	
			RB38#39	5.46	13	PASS	
			RB75#0	6.01	13	PASS	
		HCH	RB1#0	5.28	13	PASS	
			RB1#38	5.44	13	PASS	
			RB1#74	5.37	13	PASS	
			RB38#0	5.35	13	PASS	
			RB38#19	5.11	13	PASS	
			RB38#39	5.33	13	PASS	
			RB75#0	6.01	13	PASS	
20	LCH	RB1#0	5.42	13	PASS		
		RB1#50	5.58	13	PASS		
		RB1#99	5.64	13	PASS		
		RB50#0	5.40	13	PASS		
		RB50#25	5.45	13	PASS		
		RB50#50	5.71	13	PASS		
		RB100#0	6.10	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
	LTE/TM2		MCH	RB1#0	5.59	13	PASS
				RB1#50	5.53	13	PASS
				RB1#99	5.60	13	PASS
				RB50#0	5.55	13	PASS
				RB50#25	5.54	13	PASS
				RB50#50	5.39	13	PASS
				RB100#0	5.84	13	PASS
			HCH	RB1#0	5.67	13	PASS
				RB1#50	5.59	13	PASS
				RB1#99	5.61	13	PASS
				RB50#0	5.42	13	PASS
				RB50#25	5.27	13	PASS
				RB50#50	5.36	13	PASS
				RB100#0	5.84	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	5.43	13	PASS
				RB1#3	5.62	13	PASS
				RB1#5	5.47	13	PASS
				RB3#0	5.54	13	PASS
				RB3#2	5.47	13	PASS
				RB3#3	5.51	13	PASS
				RB6#0	5.81	13	PASS
			MCH	RB1#0	6.16	13	PASS
				RB1#3	5.99	13	PASS
				RB1#5	6.15	13	PASS
				RB3#0	5.98	13	PASS
				RB3#2	5.98	13	PASS
				RB3#3	5.98	13	PASS
				RB6#0	6.24	13	PASS
		HCH	RB1#0	5.73	13	PASS	
			RB1#3	6.20	13	PASS	
RB1#5			5.73	13	PASS		
RB3#0			5.86	13	PASS		
RB3#2			5.86	13	PASS		
RB3#3			5.91	13	PASS		
RB6#0			6.23	13	PASS		
3	LCH	RB1#0	5.93	13	PASS		
		RB1#7	5.96	13	PASS		
		RB1#14	6.03	13	PASS		
		RB8#0	5.70	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict		
				RB8#4	5.60	13	PASS		
				RB8#7	5.65	13	PASS		
				RB15#0	6.19	13	PASS		
			MCH	RB1#0	5.75	13	PASS		
				RB1#7	5.81	13	PASS		
				RB1#14	5.77	13	PASS		
				RB8#0	5.91	13	PASS		
				RB8#4	5.81	13	PASS		
				RB8#7	5.89	13	PASS		
			HCH	RB15#0	6.13	13	PASS		
				RB1#0	5.96	13	PASS		
				RB1#7	5.49	13	PASS		
				RB1#14	5.91	13	PASS		
				RB8#0	5.81	13	PASS		
				RB8#4	5.77	13	PASS		
			5	LCH		RB8#7	5.89	13	PASS
						RB15#0	6.19	13	PASS
						RB1#0	5.57	13	PASS
		RB1#13				5.55	13	PASS	
		RB1#24				5.65	13	PASS	
		RB12#0				5.45	13	PASS	
		RB12#6				5.64	13	PASS	
		MCH		RB12#13	5.50	13	PASS		
				RB25#0	6.03	13	PASS		
				RB1#0	6.04	13	PASS		
				RB1#13	6.01	13	PASS		
				RB1#24	6.03	13	PASS		
				RB12#0	5.83	13	PASS		
				RB12#6	5.73	13	PASS		
				RB12#13	5.76	13	PASS		
		HCH	RB25#0	6.25	13	PASS			
			RB1#0	6.00	13	PASS			
			RB1#13	5.87	13	PASS			
RB1#24	5.85		13	PASS					
RB12#0	5.65		13	PASS					
RB12#6	5.61		13	PASS					
RB12#13	5.67		13	PASS					
10	LCH	RB1#0	5.60	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.72	13	PASS
				RB1#49	5.93	13	PASS
				RB25#0	5.54	13	PASS
				RB25#13	5.56	13	PASS
				RB25#25	5.82	13	PASS
				RB50#0	6.16	13	PASS
			MCH	RB1#0	6.23	13	PASS
				RB1#25	6.05	13	PASS
				RB1#49	6.10	13	PASS
				RB25#0	5.95	13	PASS
				RB25#13	5.89	13	PASS
				RB25#25	5.95	13	PASS
			HCH	RB50#0	6.46	13	PASS
				RB1#0	5.84	13	PASS
				RB1#25	5.87	13	PASS
				RB1#49	5.85	13	PASS
				RB25#0	5.59	13	PASS
				RB25#13	5.53	13	PASS
		15	LCH	RB25#25	5.79	13	PASS
				RB50#0	6.44	13	PASS
				RB1#0	5.61	13	PASS
				RB1#38	5.65	13	PASS
				RB1#74	5.88	13	PASS
				RB38#0	5.60	13	PASS
			MCH	RB38#19	5.60	13	PASS
				RB38#39	5.89	13	PASS
				RB75#0	6.31	13	PASS
				RB1#0	6.14	13	PASS
				RB1#38	6.13	13	PASS
				RB1#74	6.30	13	PASS
HCH	RB38#0	6.06	13	PASS			
	RB38#19	5.99	13	PASS			
	RB38#39	6.01	13	PASS			
	RB75#0	6.71	13	PASS			
	RB38#19	5.59	13	PASS			
			HCH	RB38#0	5.69	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#39	5.87	13	PASS
				RB75#0	6.37	13	PASS
		20	LCH	RB1#0	5.50	13	PASS
				RB1#50	5.97	13	PASS
				RB1#99	6.03	13	PASS
				RB50#0	5.61	13	PASS
				RB50#25	5.63	13	PASS
				RB50#50	6.03	13	PASS
				RB100#0	6.33	13	PASS
				MCH	RB1#0	6.15	13
			RB1#50		6.30	13	PASS
			RB1#99		6.01	13	PASS
			RB50#0		6.02	13	PASS
			HCH	RB50#25	6.02	13	PASS
		RB50#50		5.92	13	PASS	
		RB100#0		6.38	13	PASS	
		RB1#0		5.56	13	PASS	
		RB1#50		5.54	13	PASS	
		RB1#99		5.40	13	PASS	
						RB50#0	5.65
				RB50#25	5.54	13	PASS
				RB50#50	5.75	13	PASS
				RB100#0	6.10	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

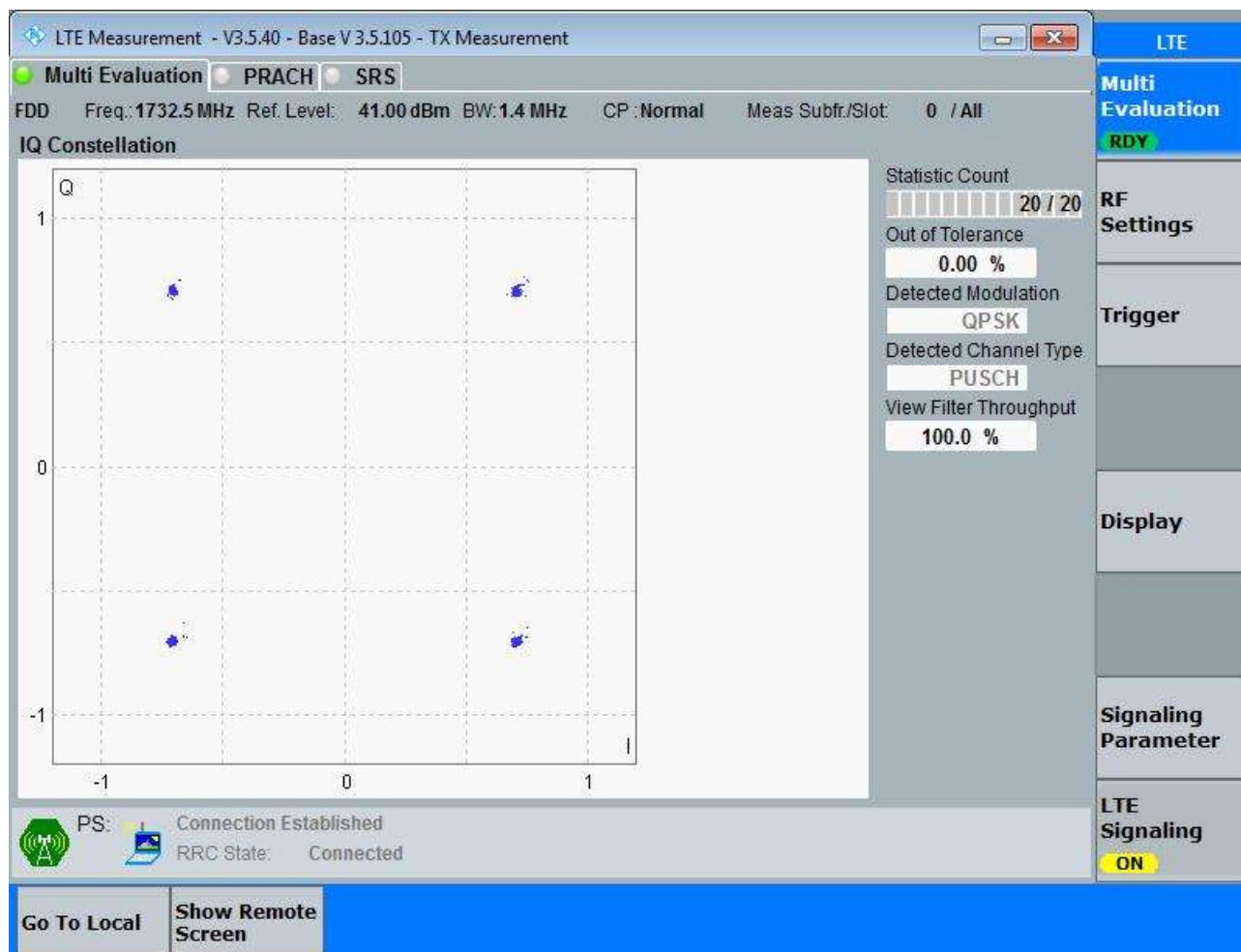
3.1.1 Test Band = Band4

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

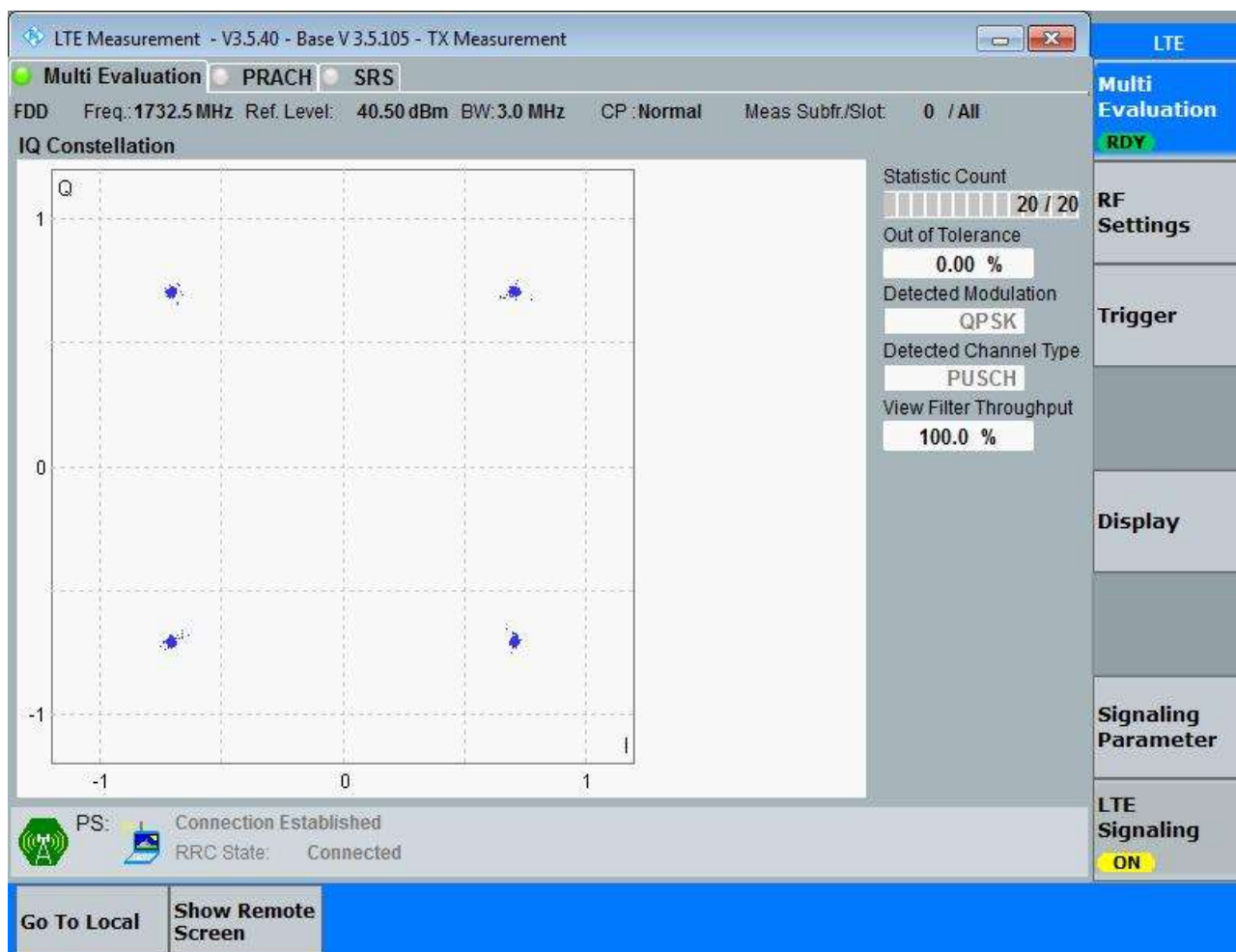
3.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

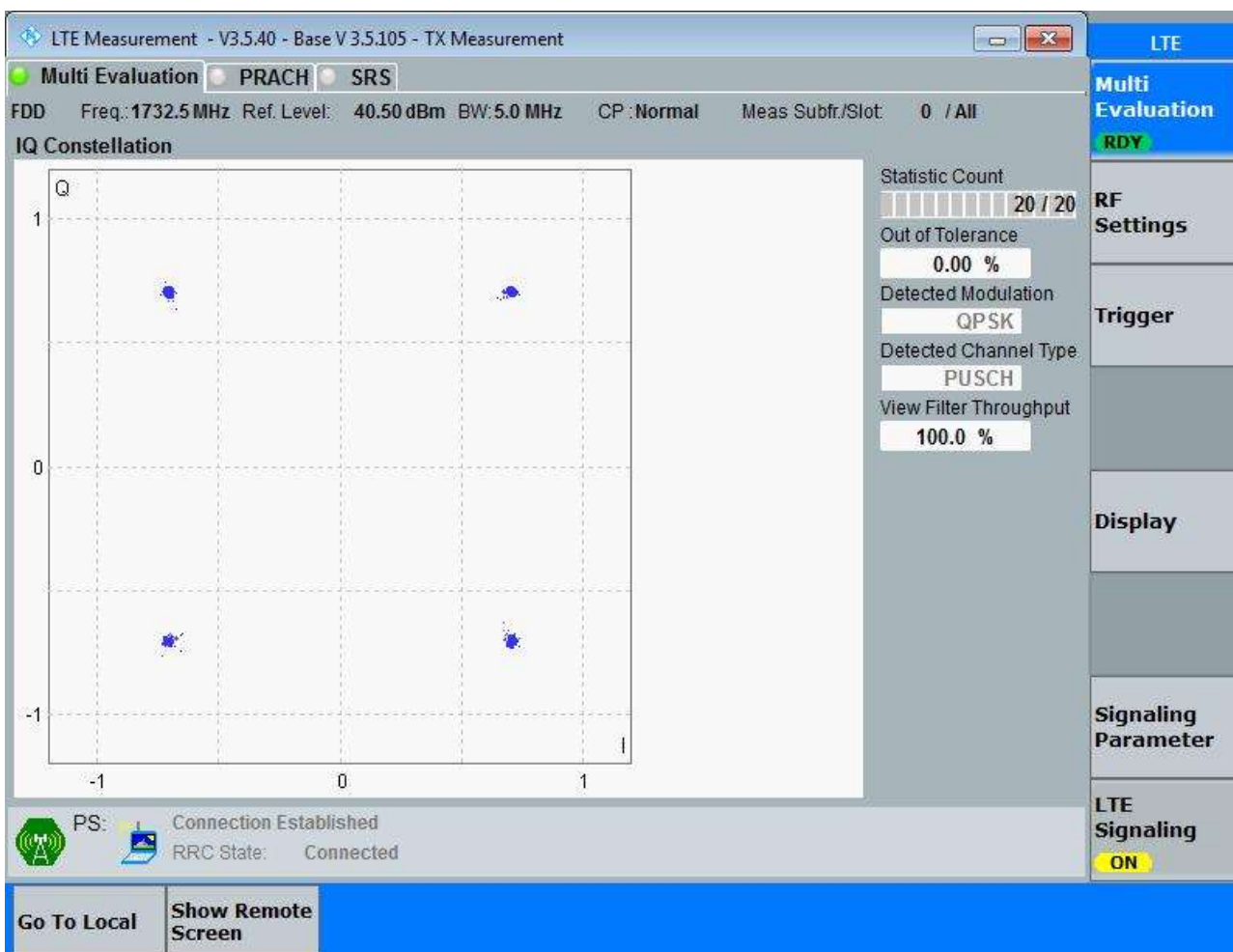
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

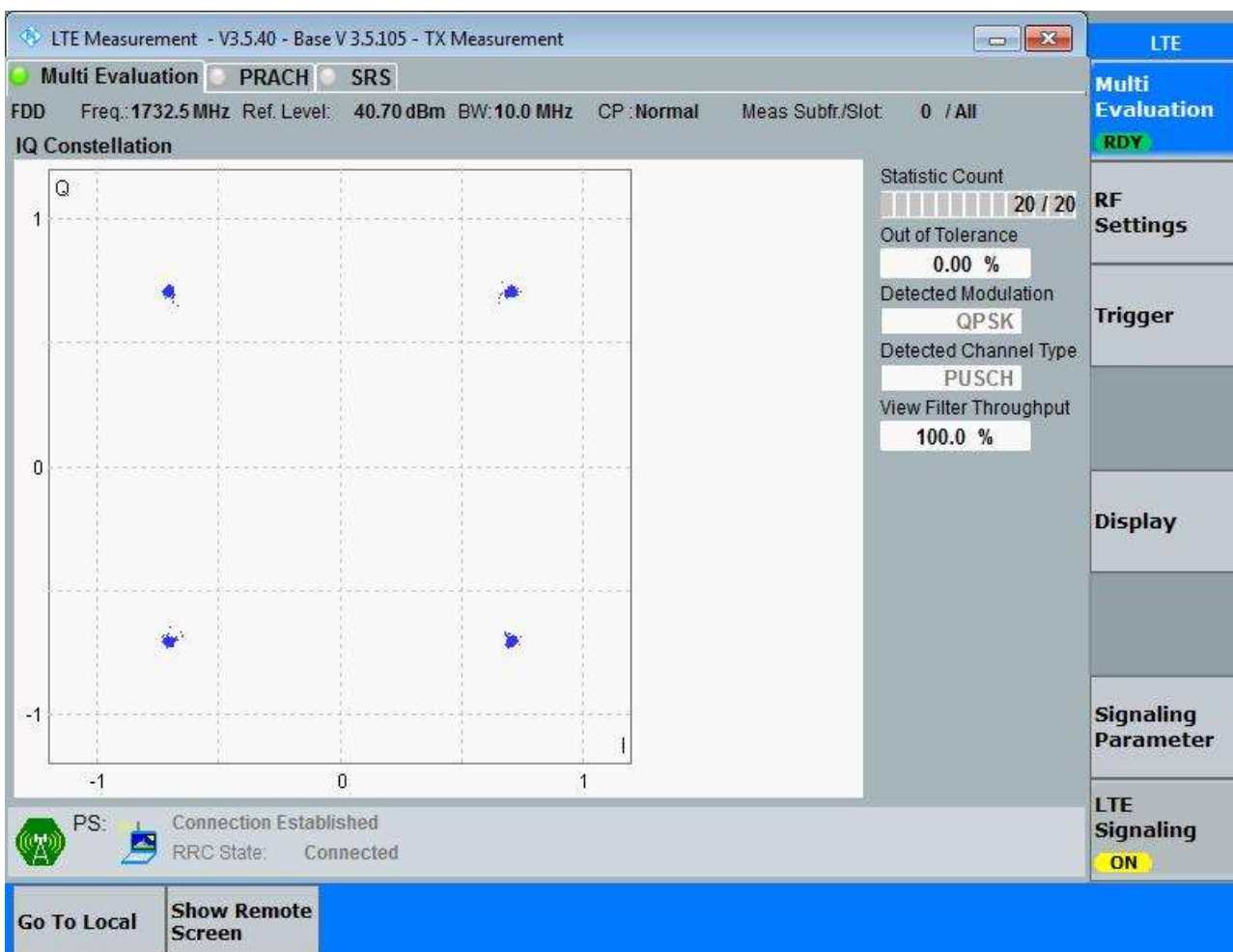
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

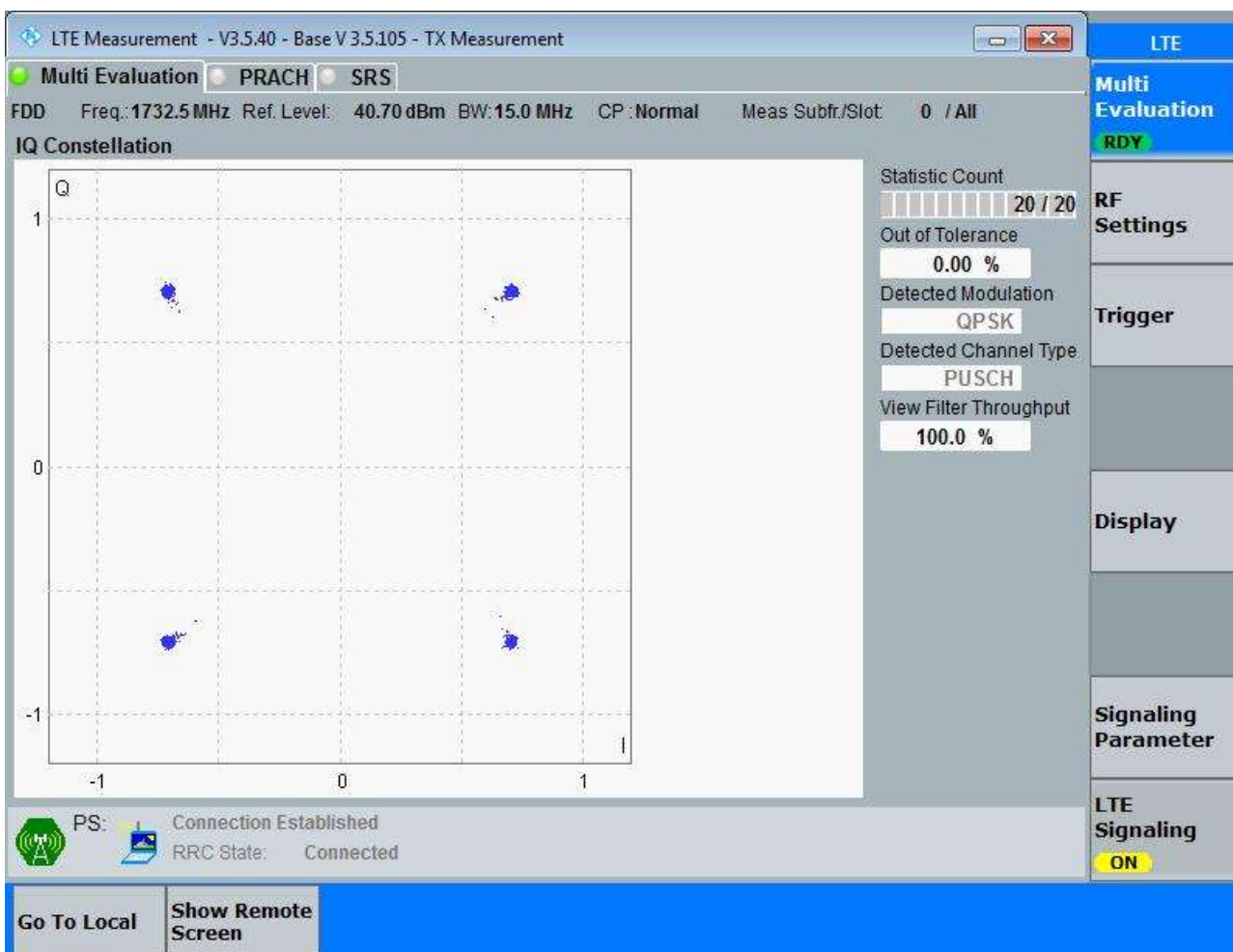
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

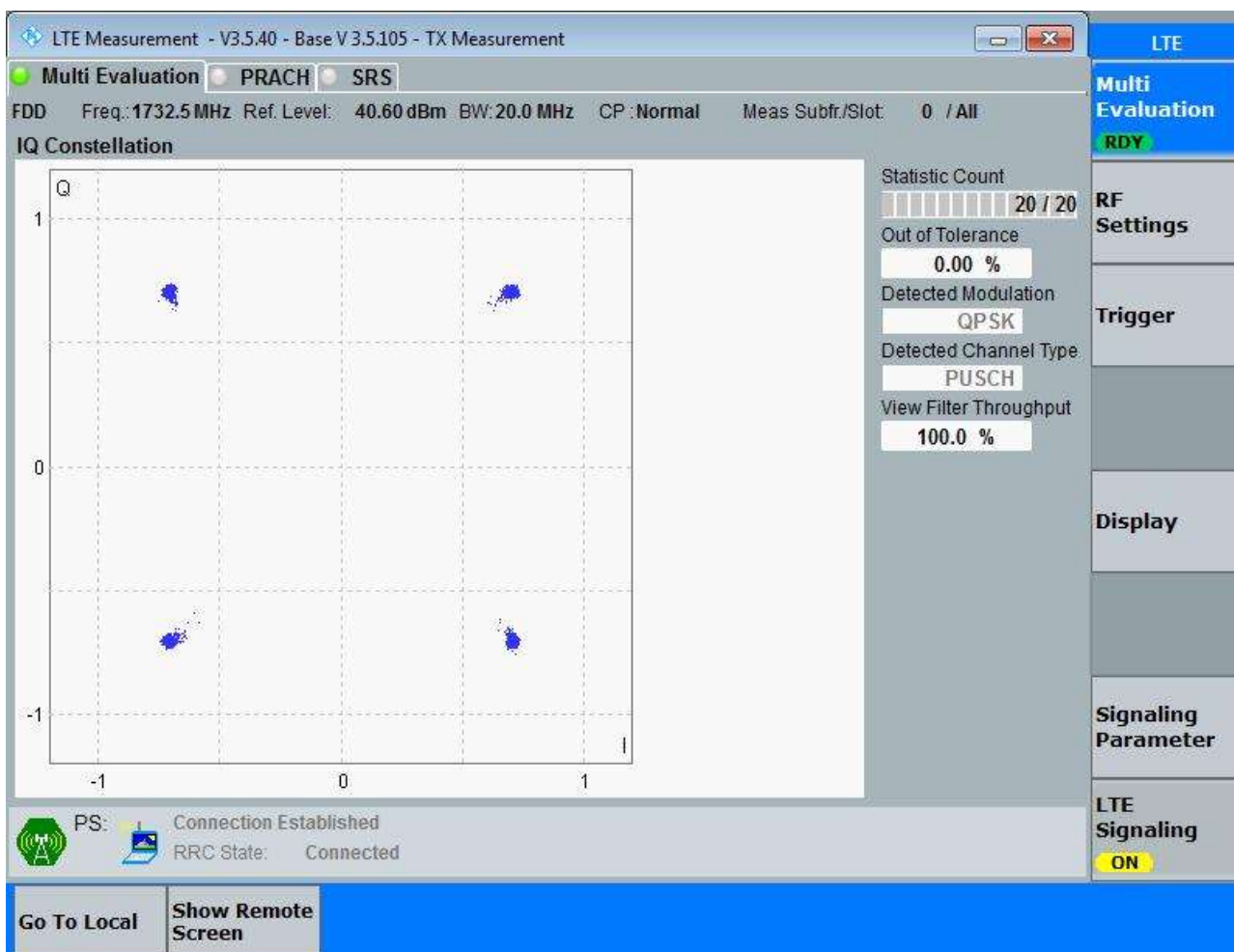
3.1.1.1.5.1.1 Test RB = RB75#0



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

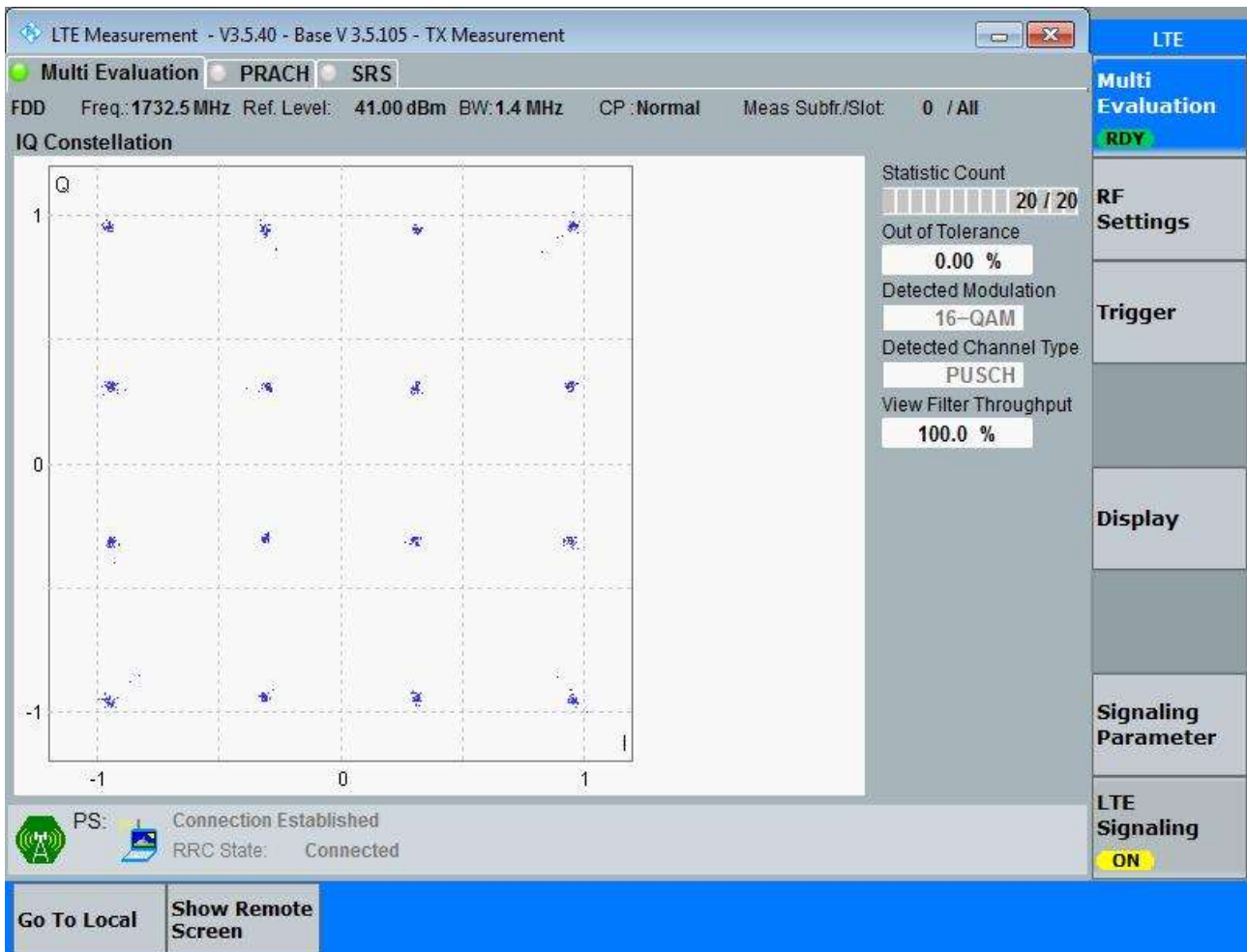


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

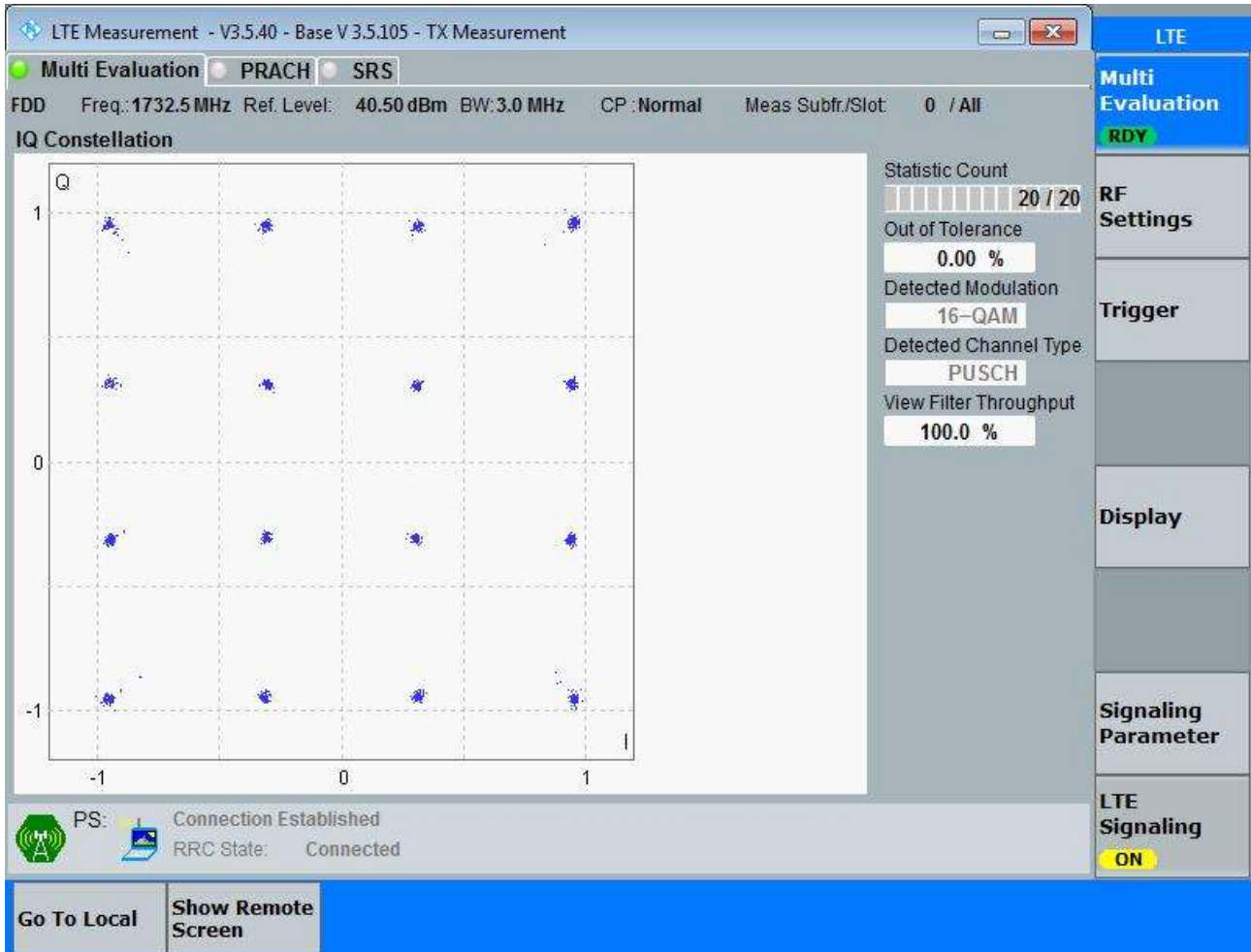
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

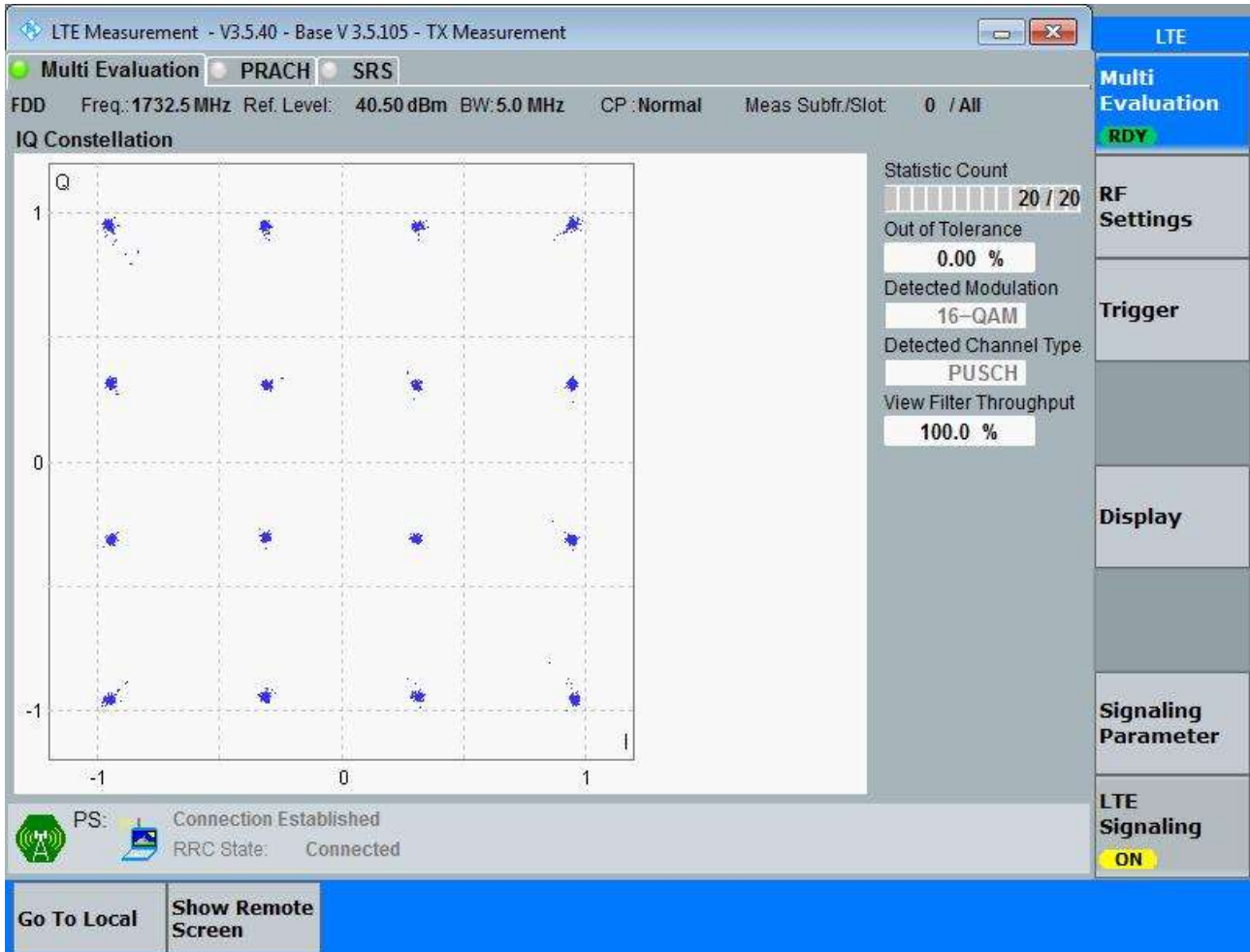
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

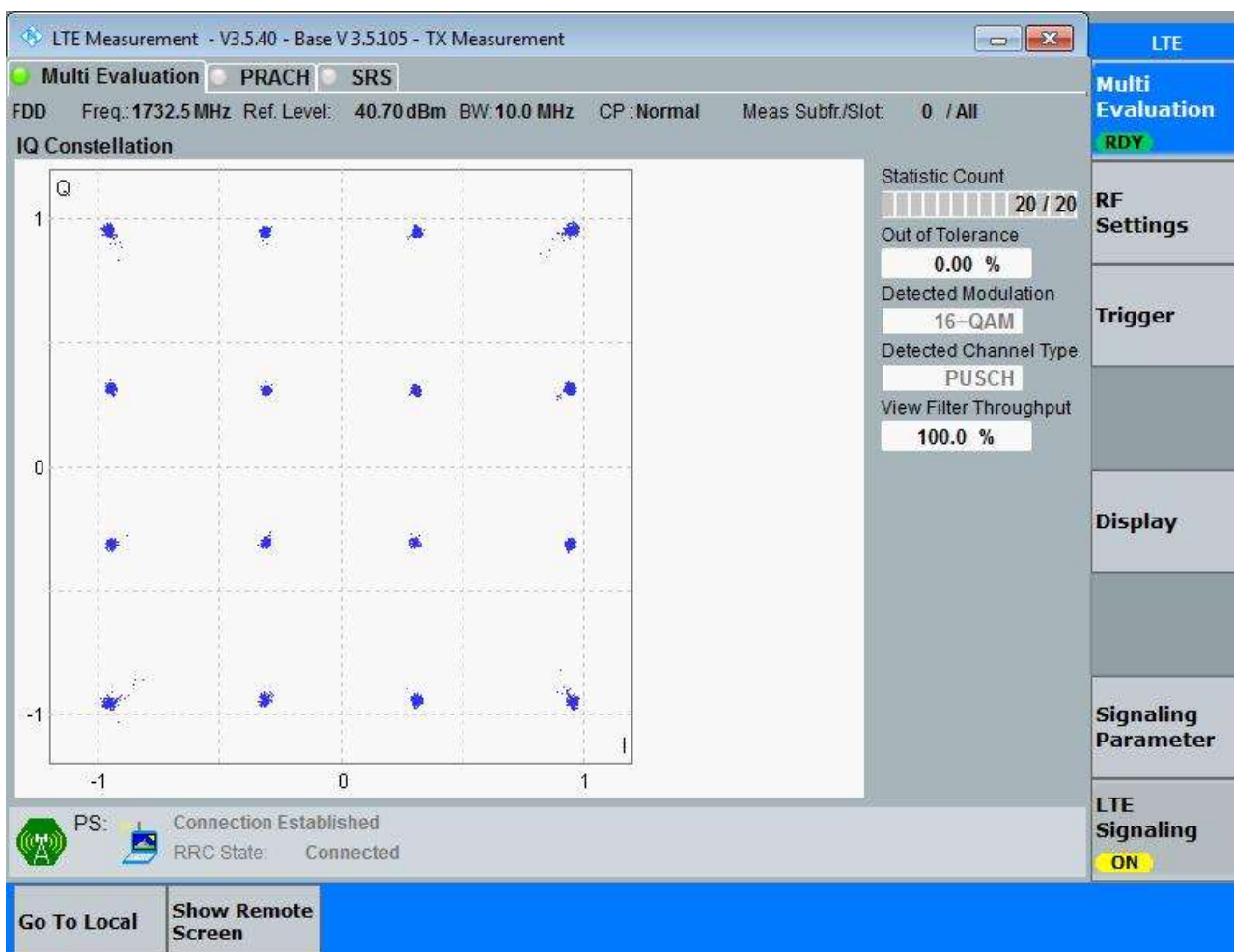
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

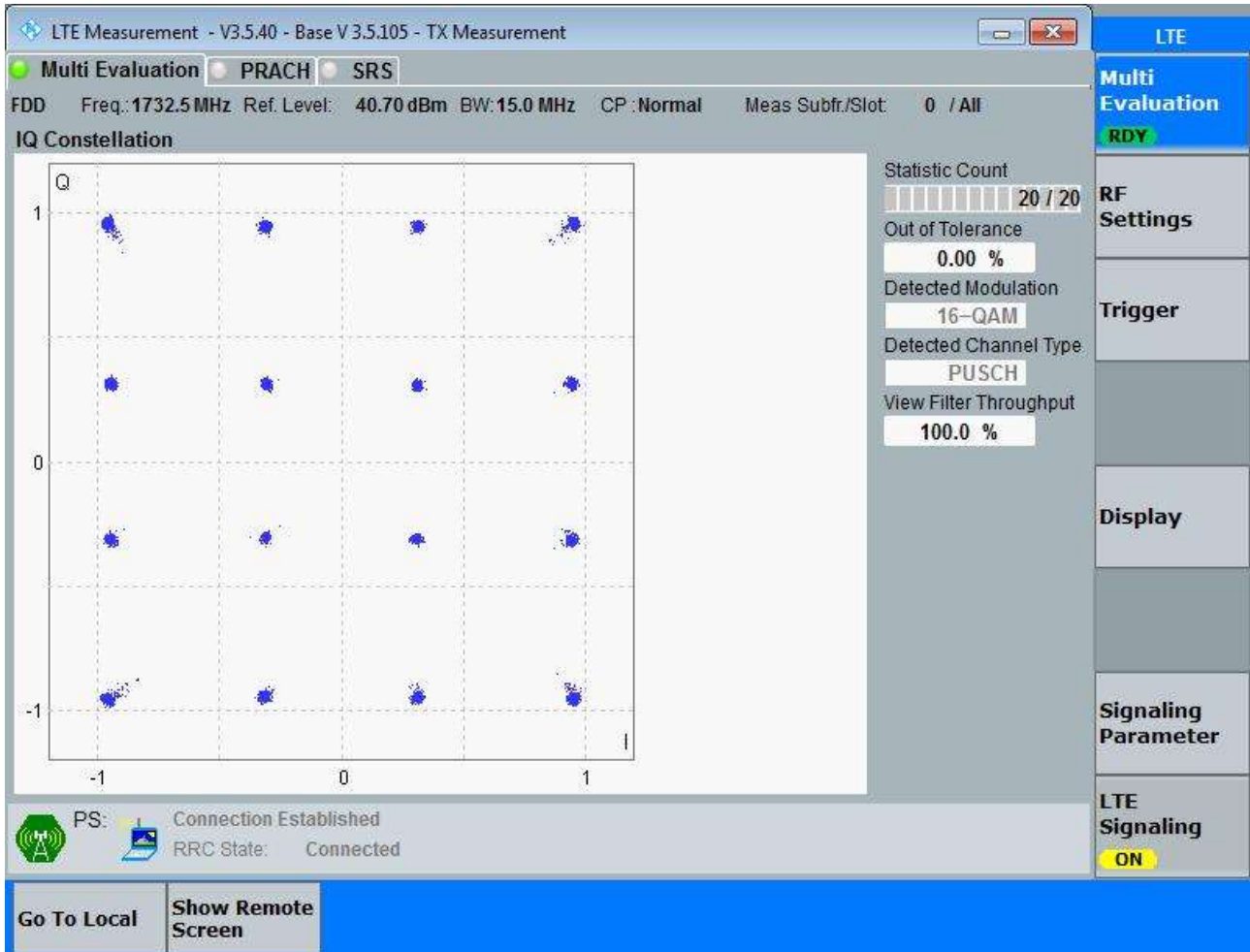
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

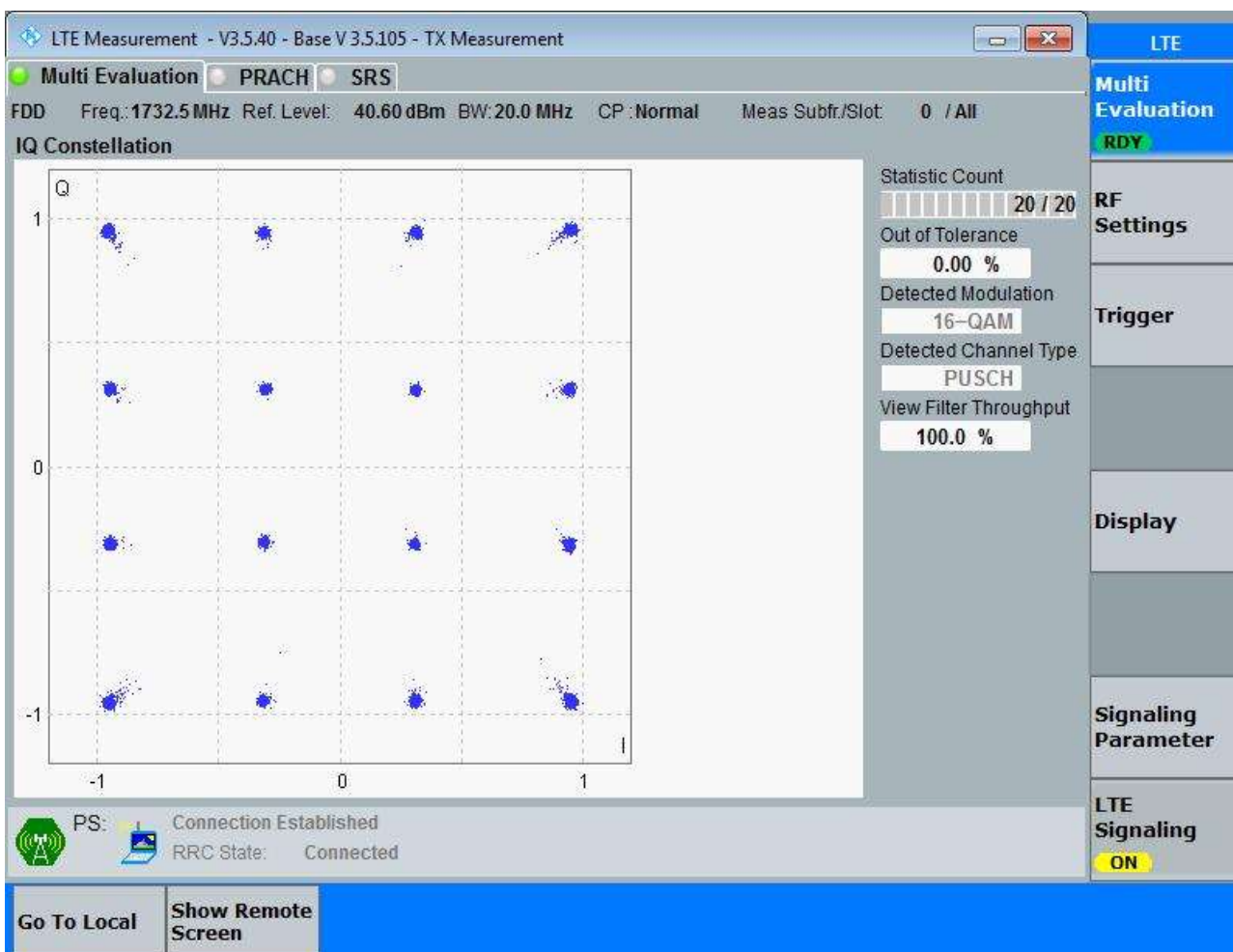
3.1.1.2.5.1.1 Test RB = RB75#0



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	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.97	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.51	4.95	Pass
			MCH	RB25#0	4.51	4.95	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	8.98	9.85	Pass
			MCH	RB50#0	8.98	9.86	Pass
			HCH	RB50#0	8.99	9.92	Pass
		15	LCH	RB75#0	13.47	14.97	Pass
			MCH	RB75#0	13.47	14.94	Pass
			HCH	RB75#0	13.48	14.81	Pass
		20	LCH	RB100#0	17.97	19.59	Pass
			MCH	RB100#0	18.00	19.69	Pass
			HCH	RB100#0	18.00	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	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.72	2.99	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.51	4.94	Pass
			HCH	RB25#0	4.52	4.93	Pass
		10	LCH	RB50#0	8.99	9.88	Pass
			MCH	RB50#0	9.01	9.86	Pass
			HCH	RB50#0	9.00	9.96	Pass
15	LCH	RB75#0	13.47	14.89	Pass		
	MCH	RB75#0	13.51	14.79	Pass		
	HCH	RB75#0	13.49	14.88	Pass		
20	LCH	RB100#0	17.96	19.65	Pass		



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	18.02	19.72	Pass
			HCH	RB100#0	17.98	19.67	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

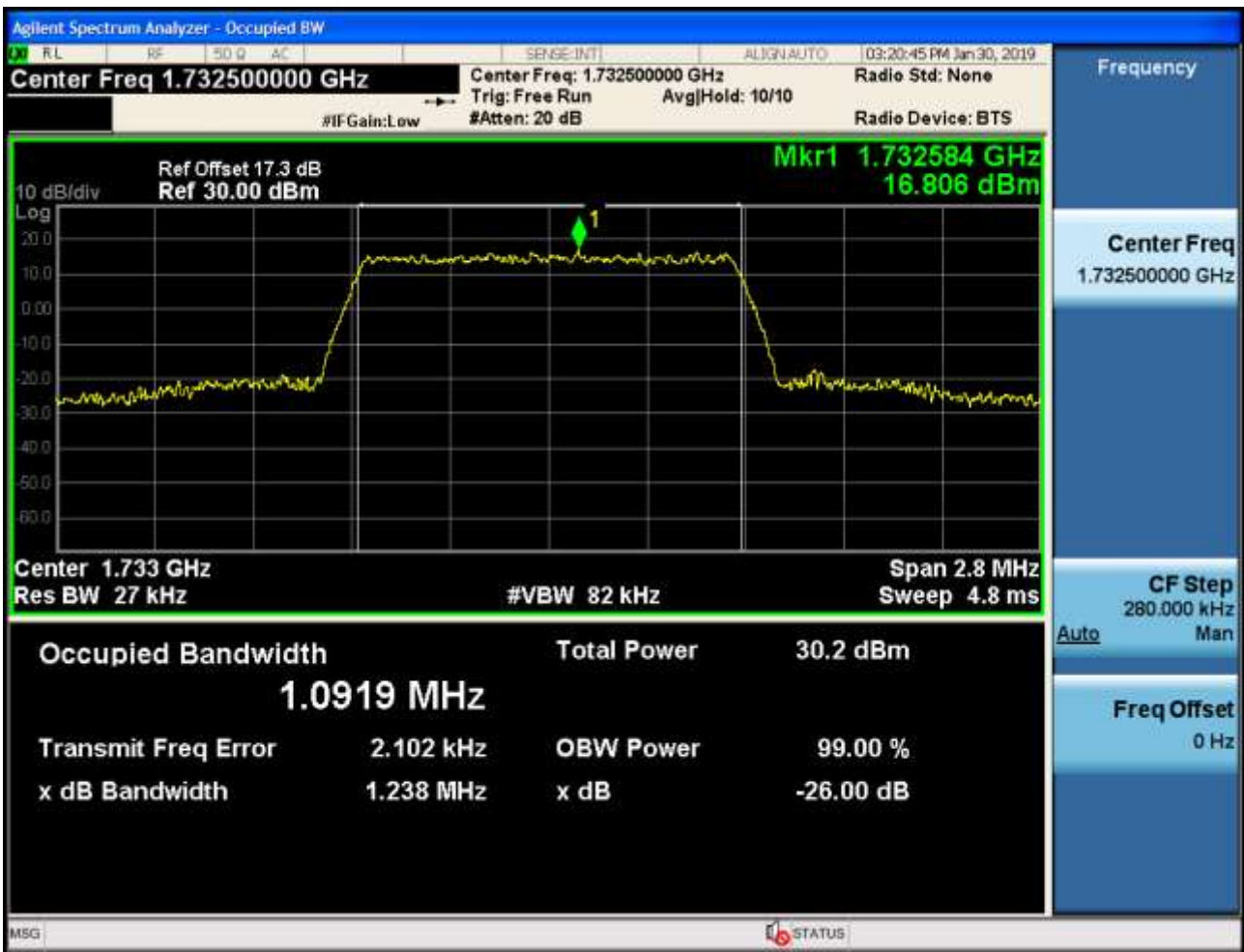
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB6#0



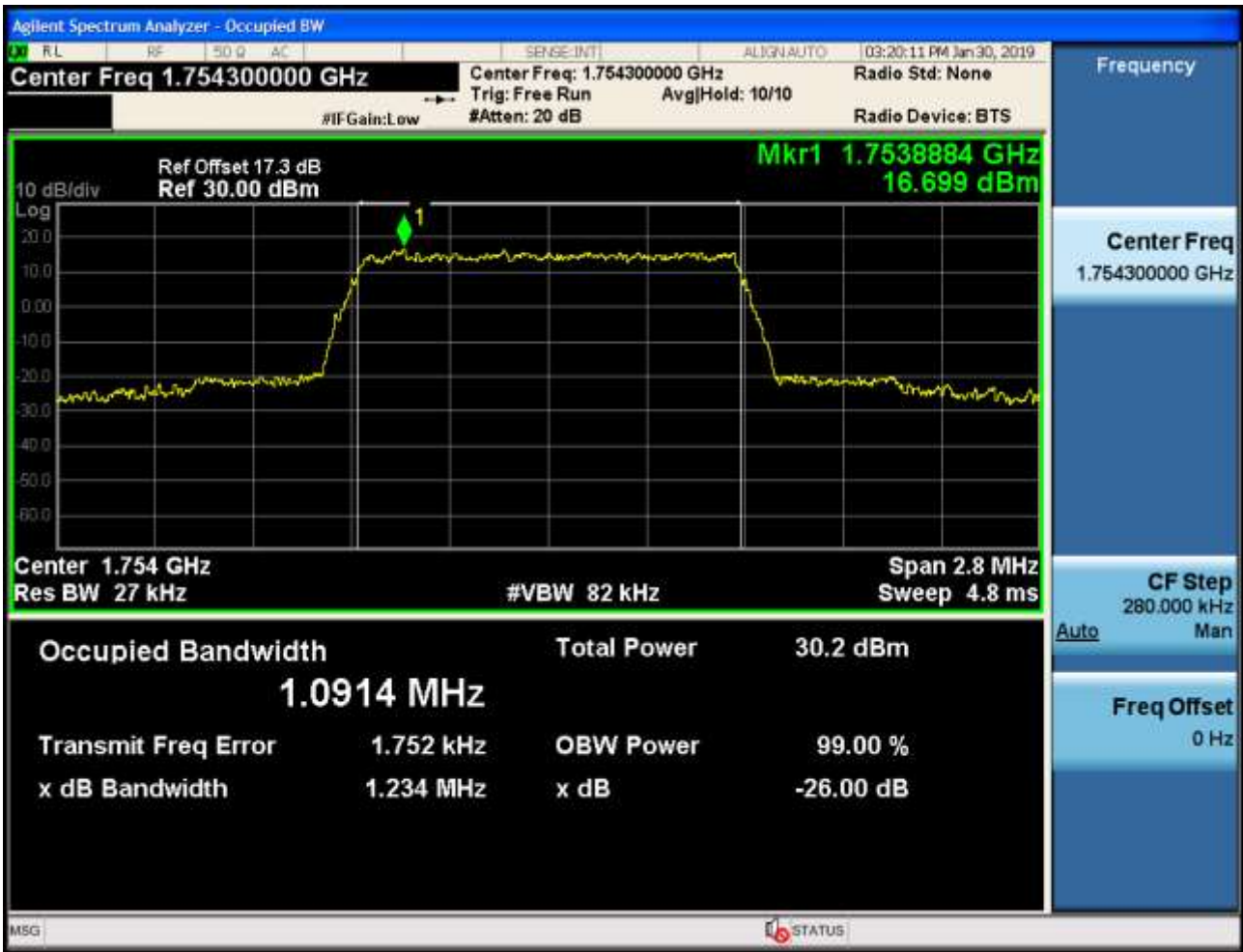
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB6#0



4.1.1.1.1.3 Test Channel = HCH

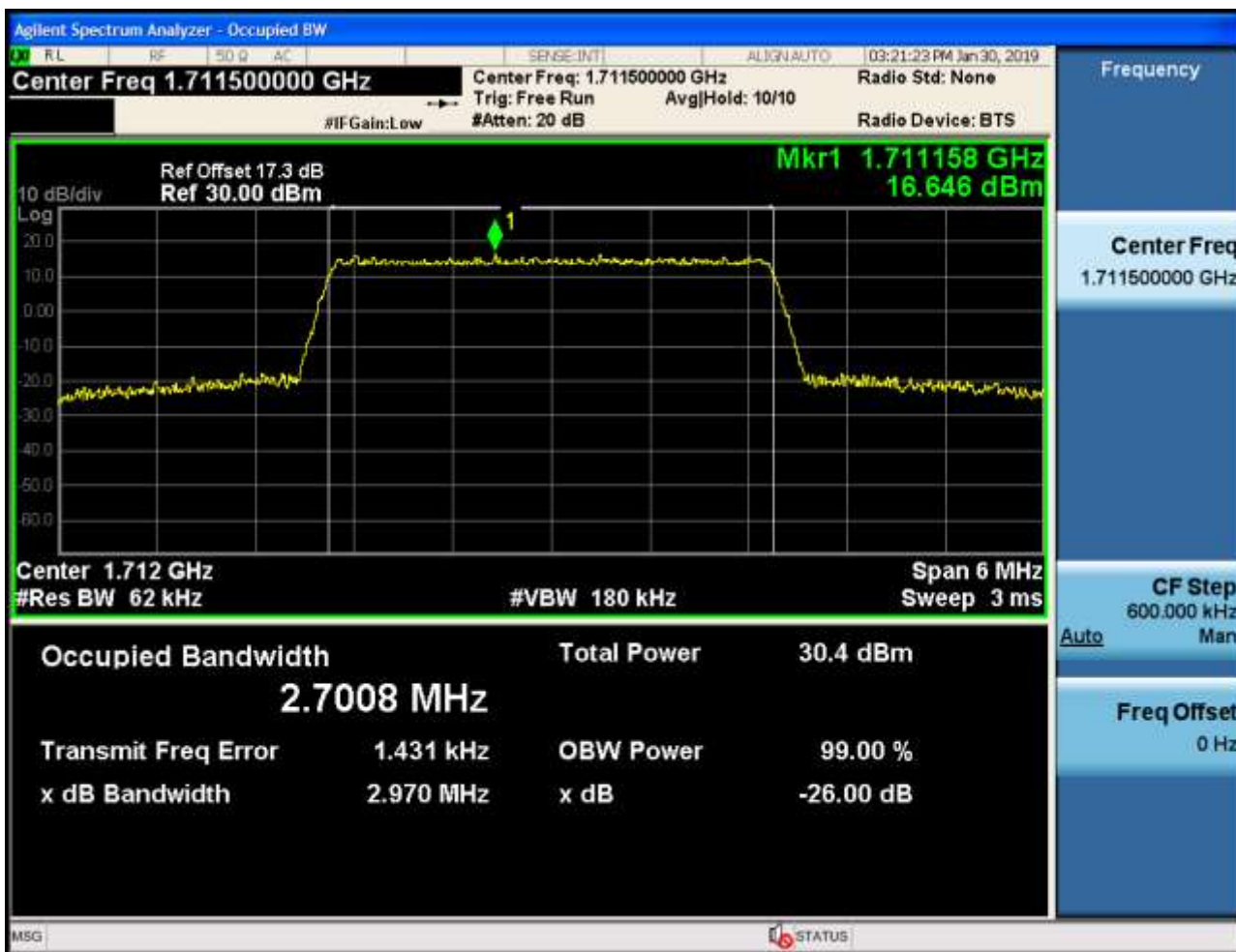
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

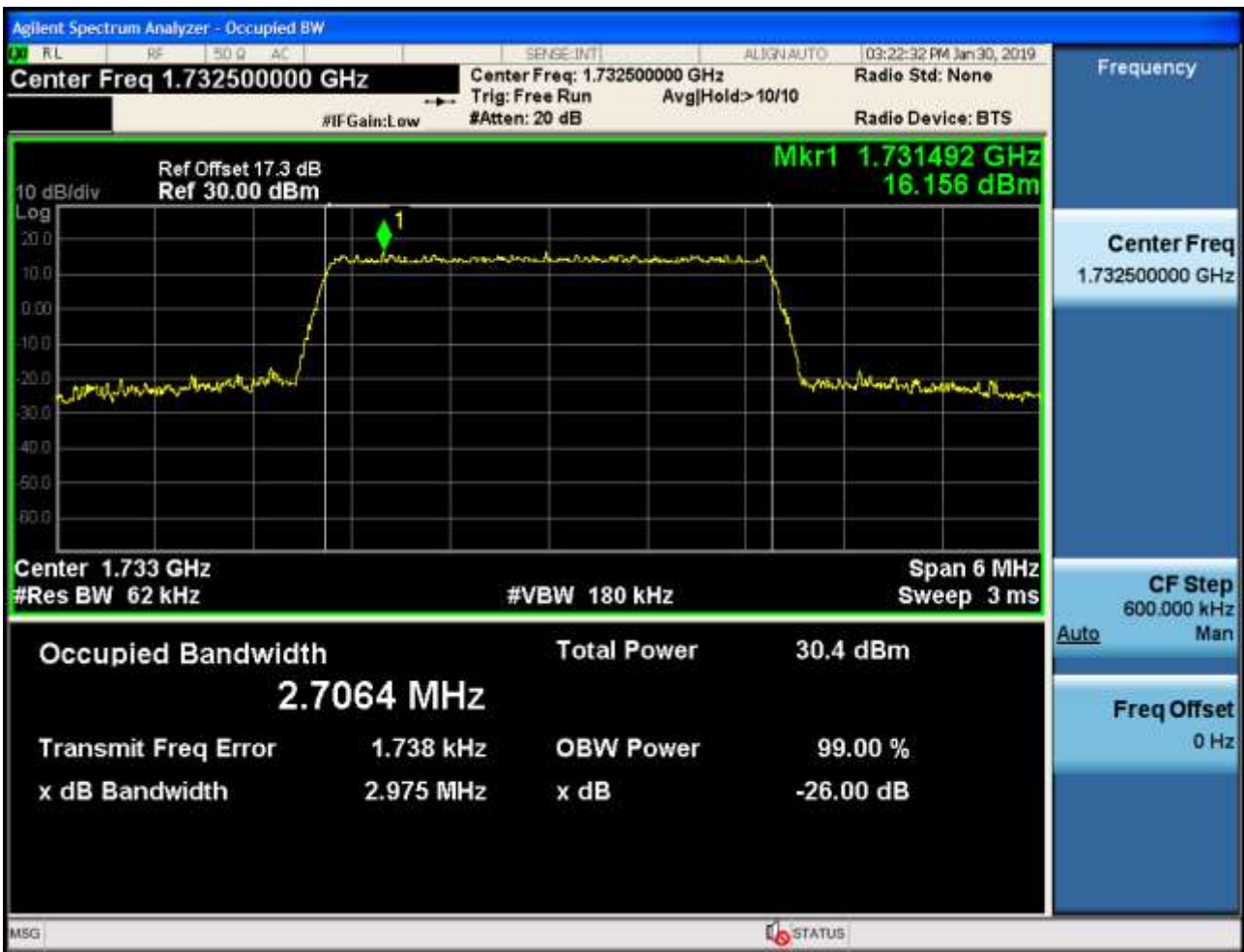
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



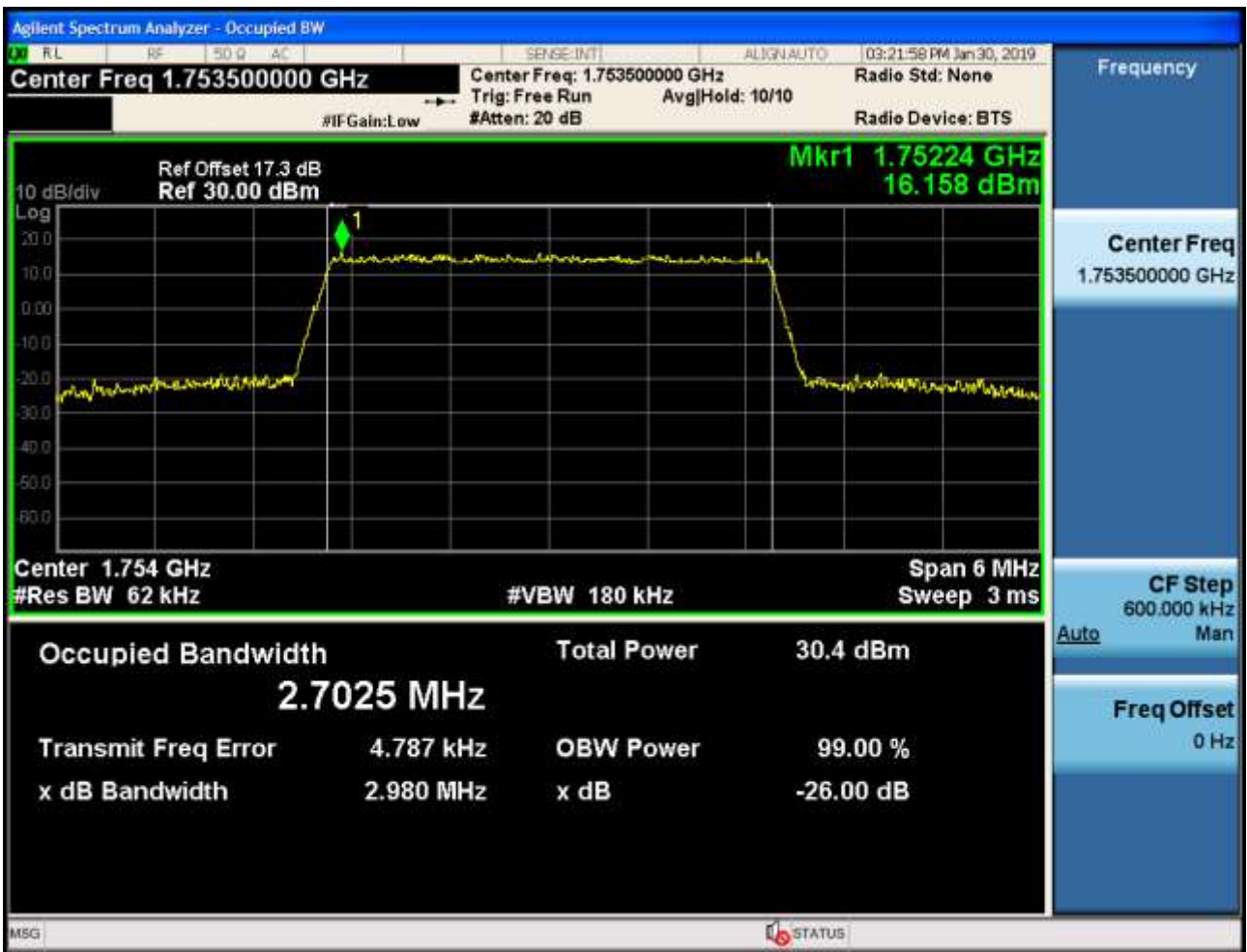
4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0



4.1.1.1.2.3 Test Channel = HCH

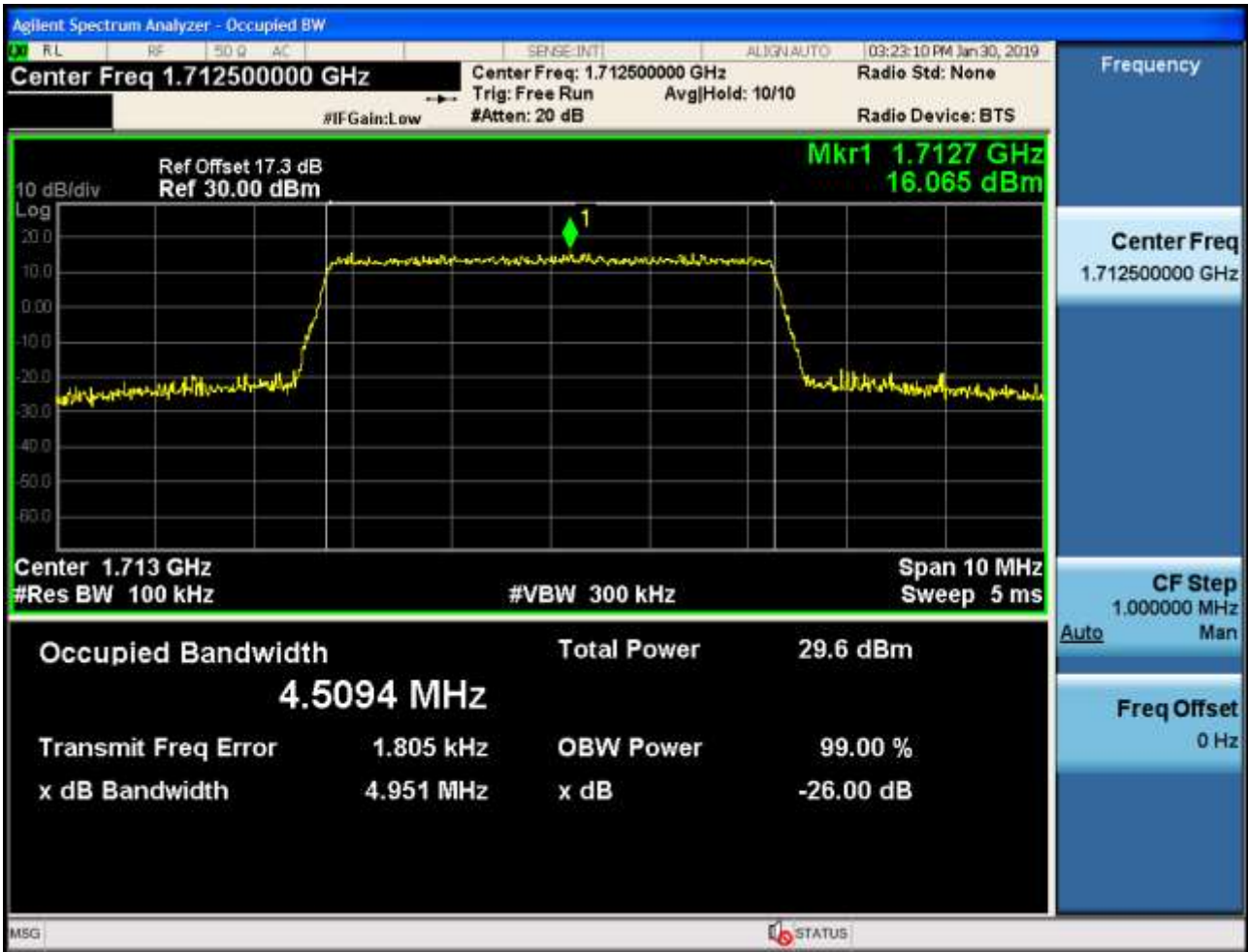
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

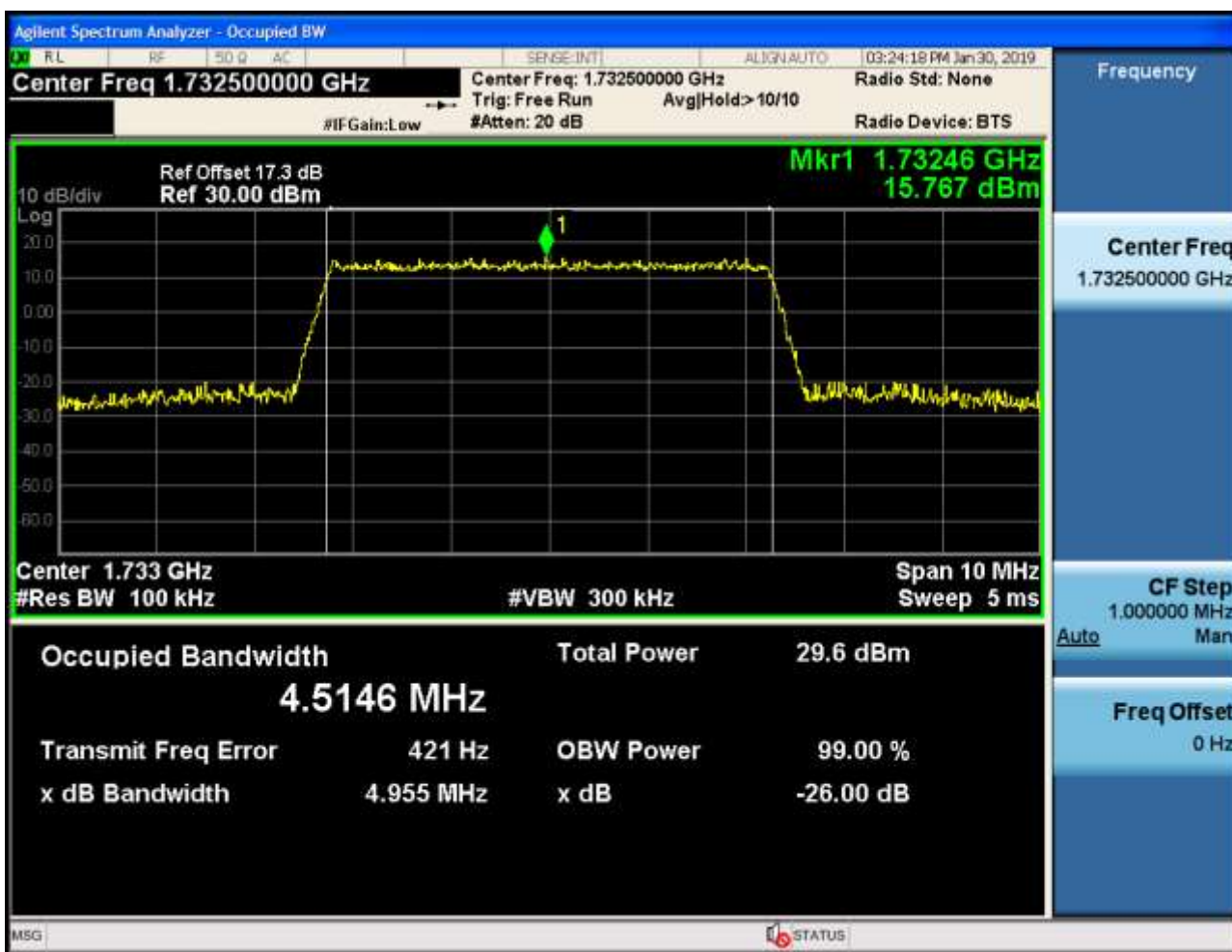
4.1.1.1.3.1 Test Channel = LCH

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

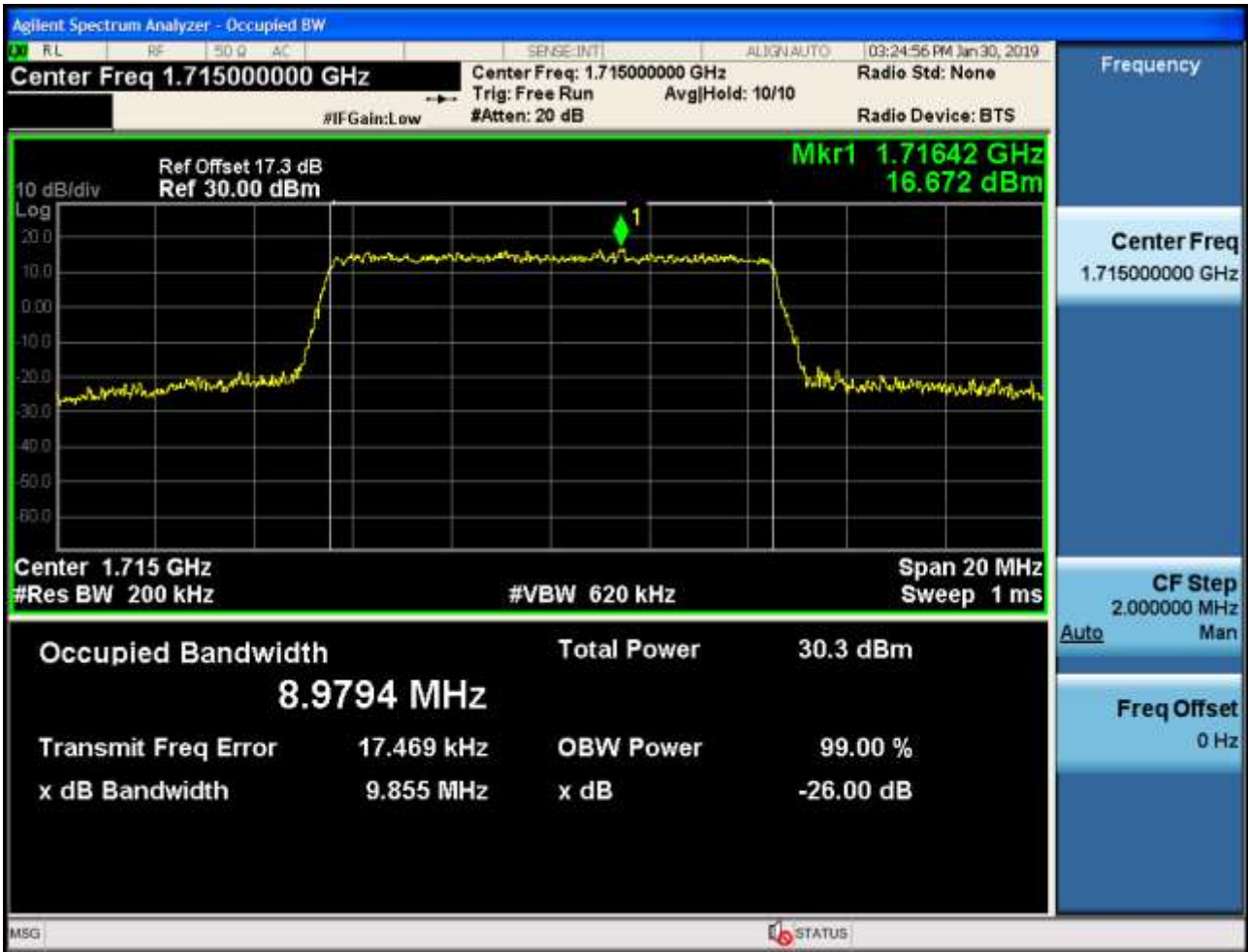
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

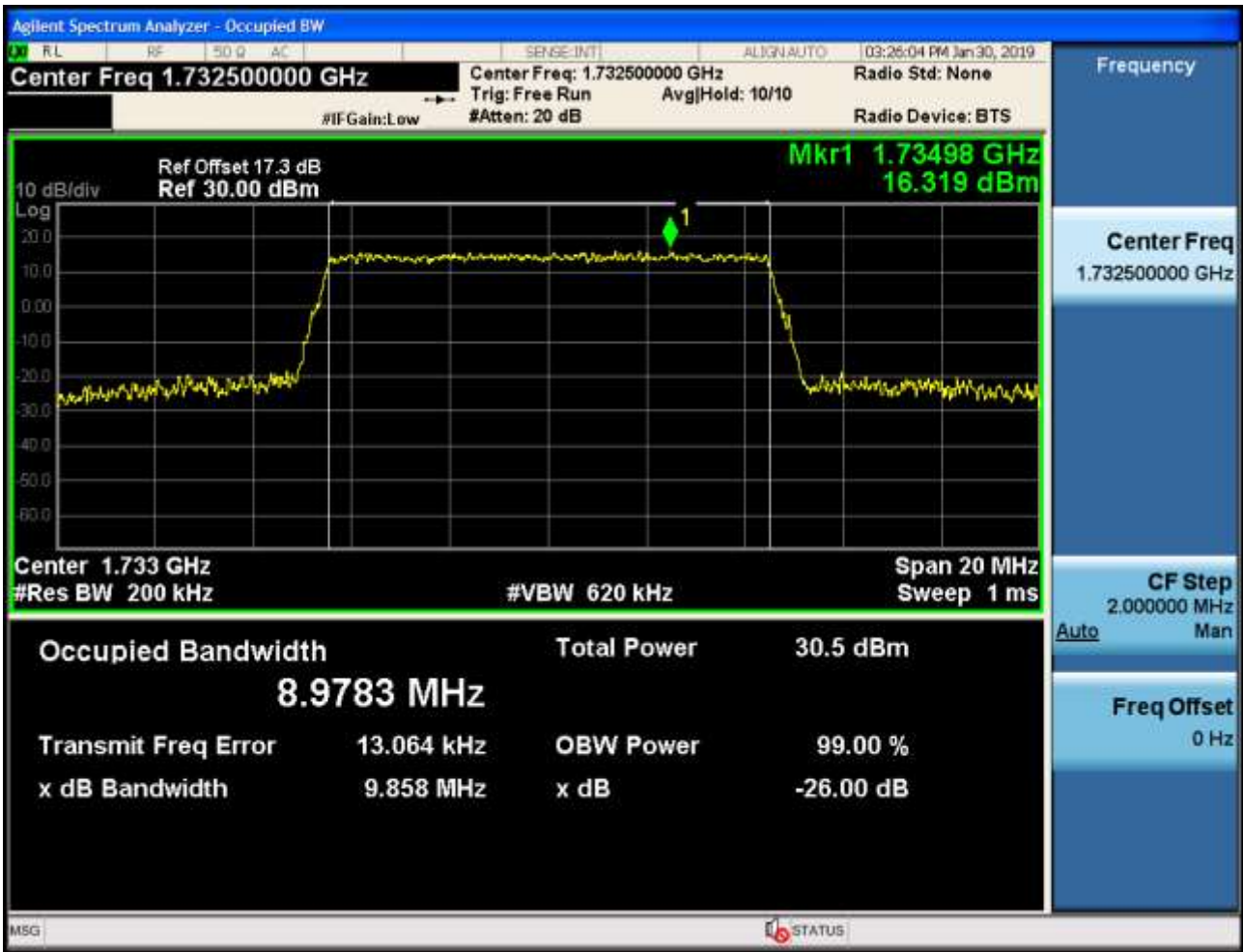
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



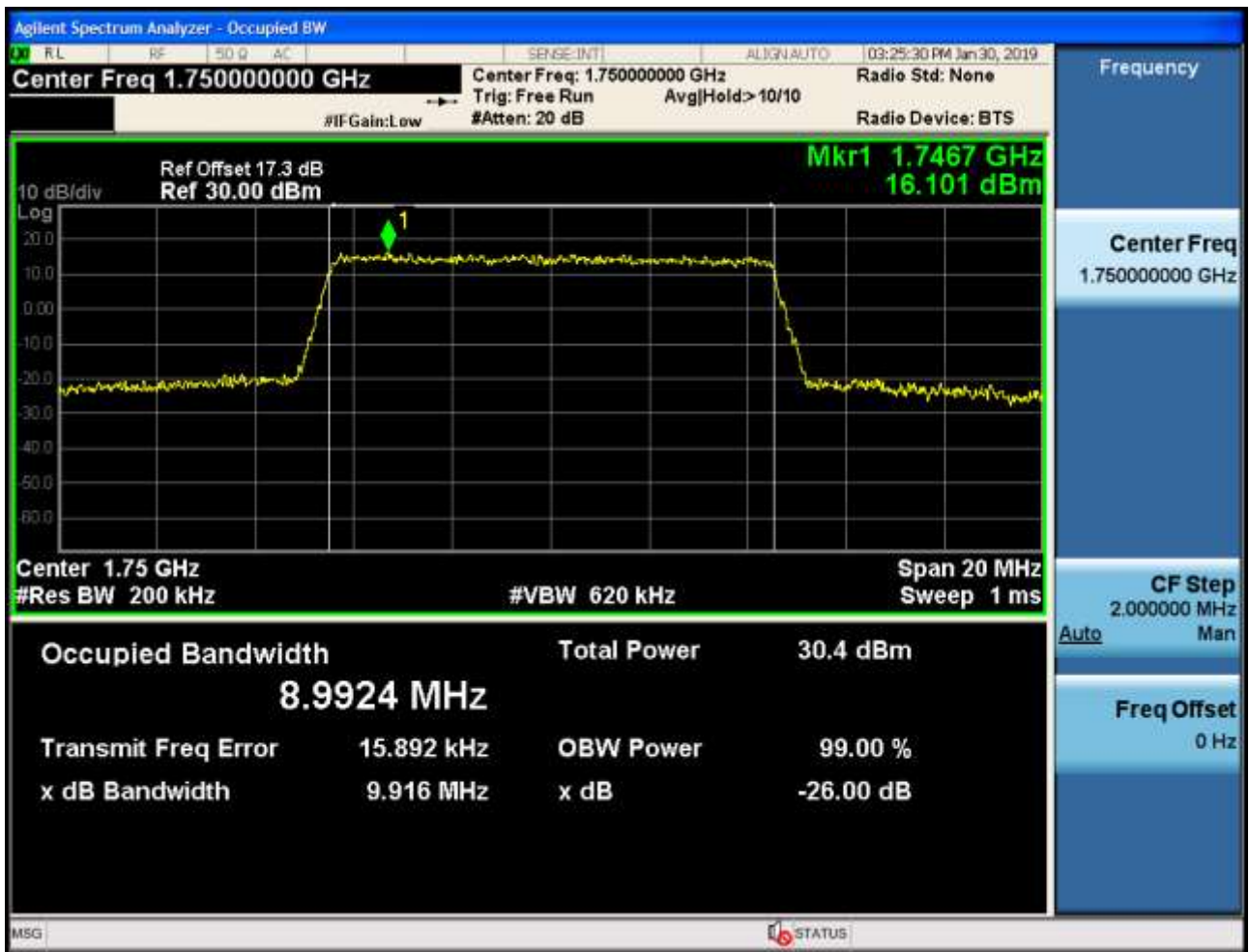
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

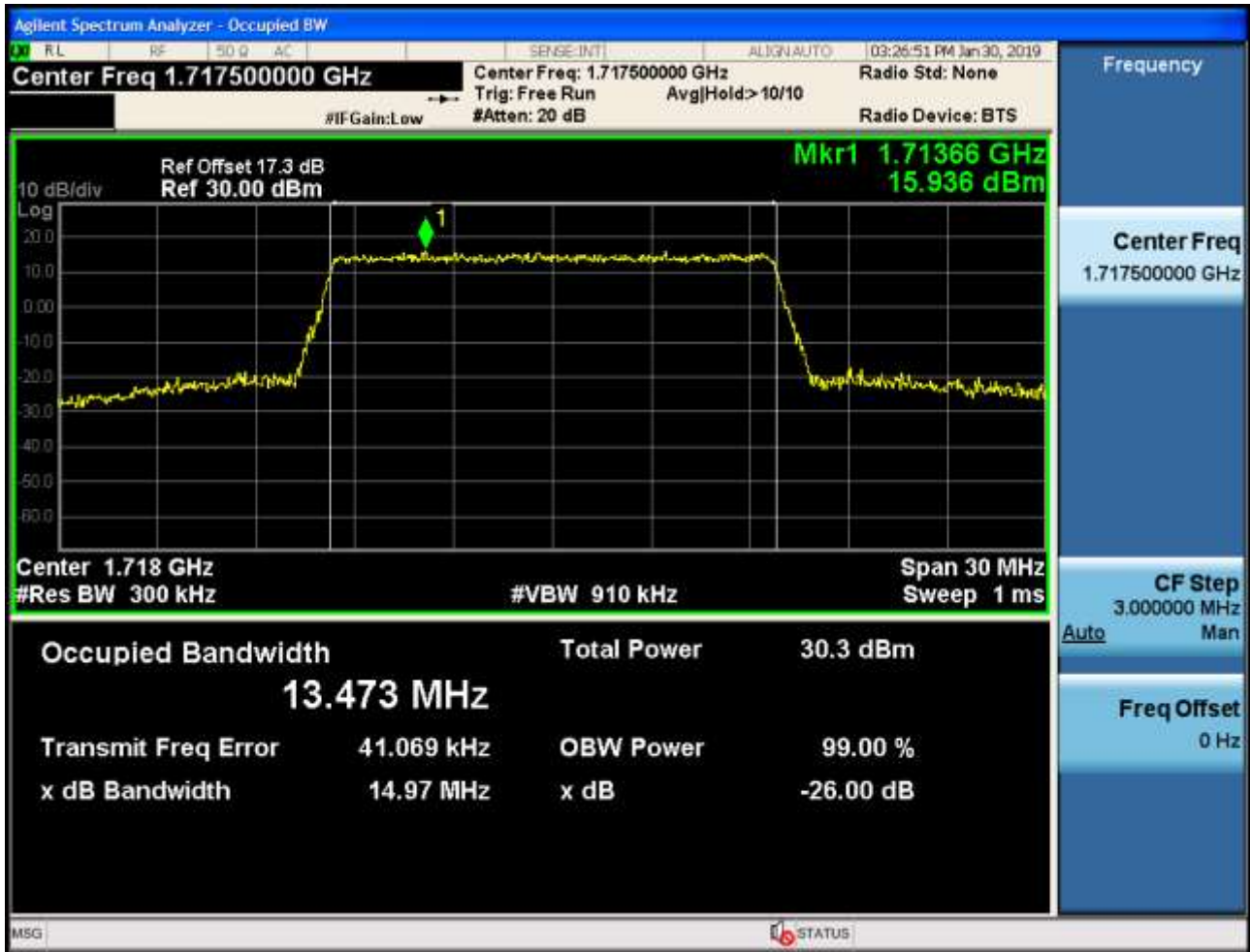
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

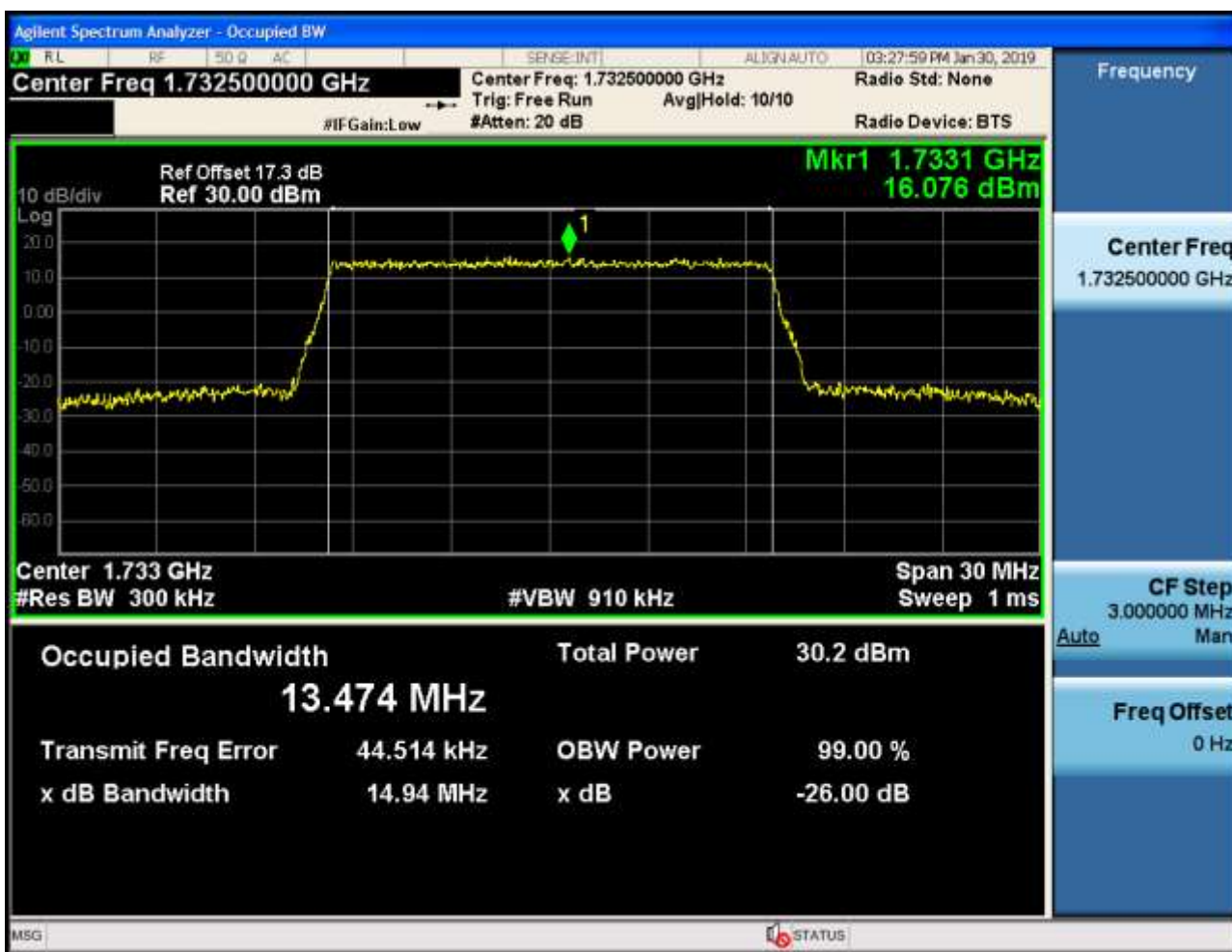
4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0



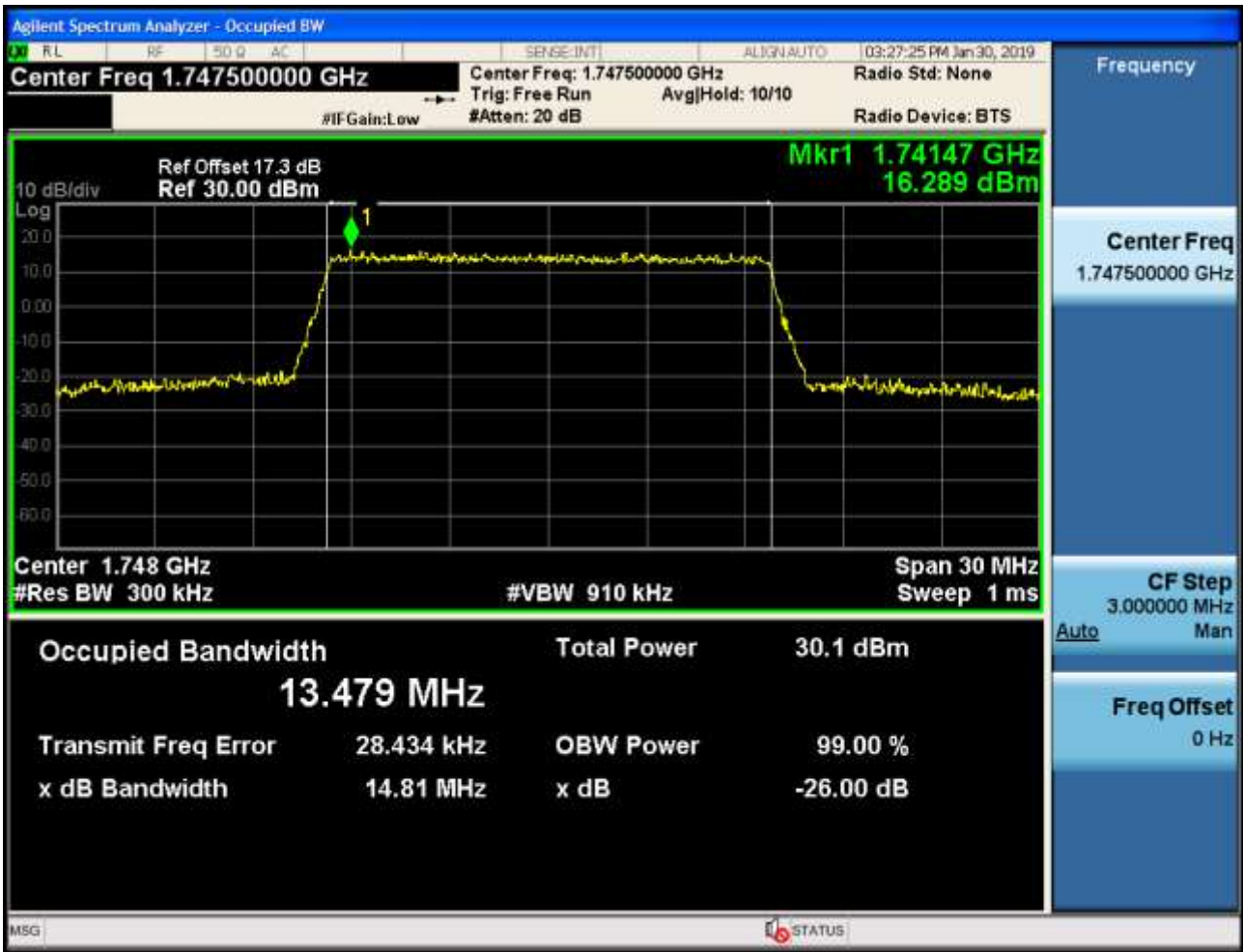
4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0



4.1.1.1.5.3 Test Channel = HCH

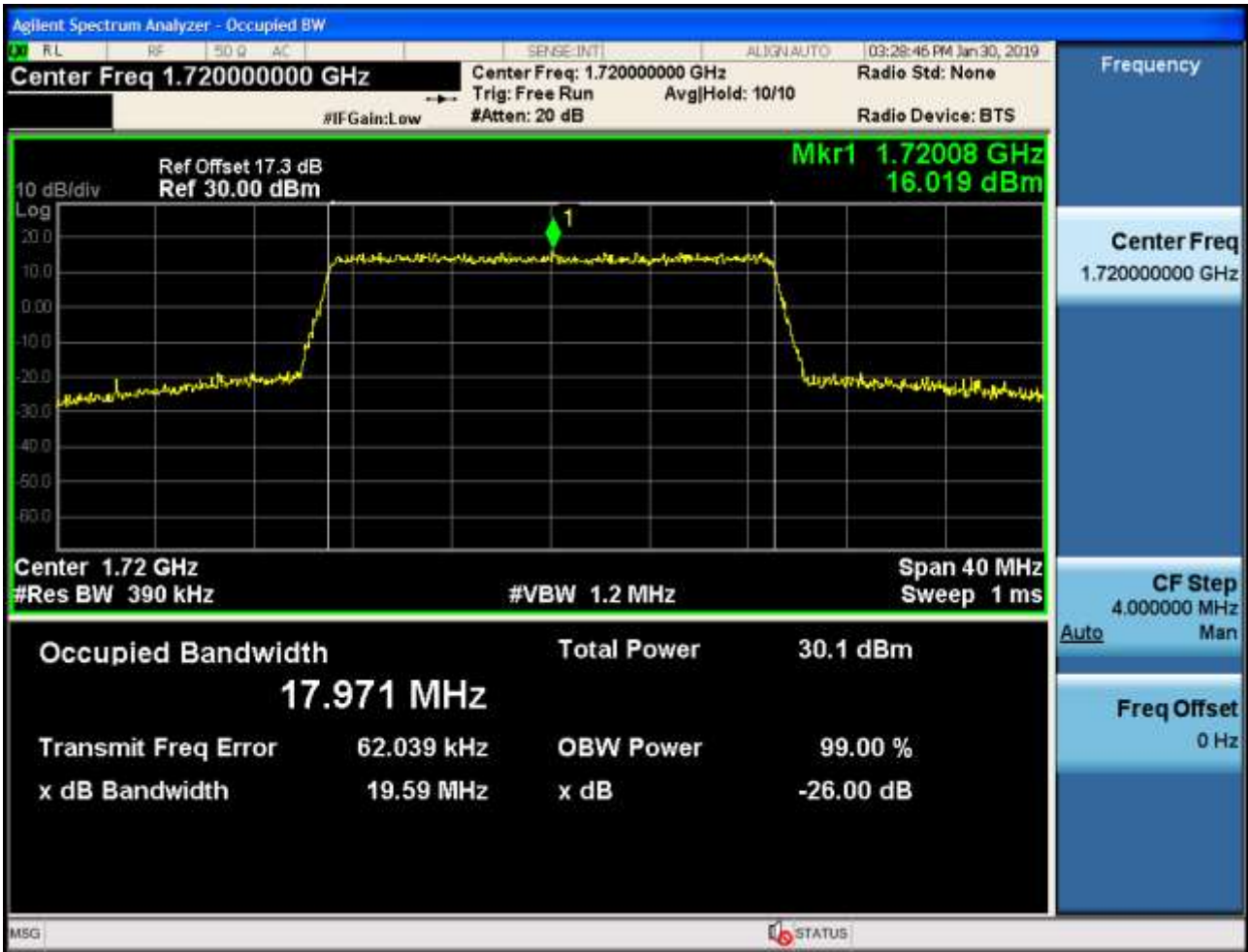
4.1.1.1.5.3.1 Test RB = RB75#0



4.1.1.1.6 Test Bandwidth = 20

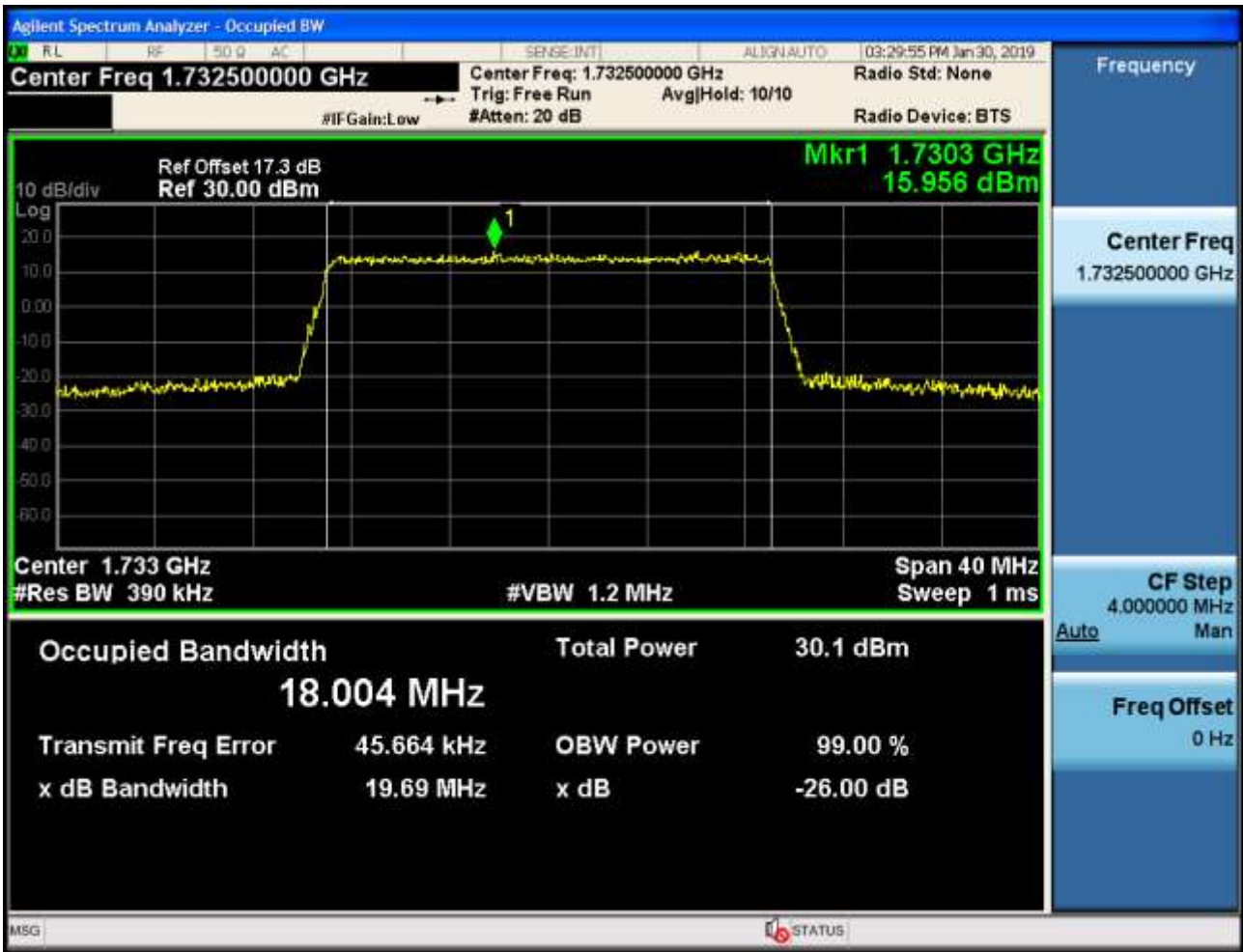
4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



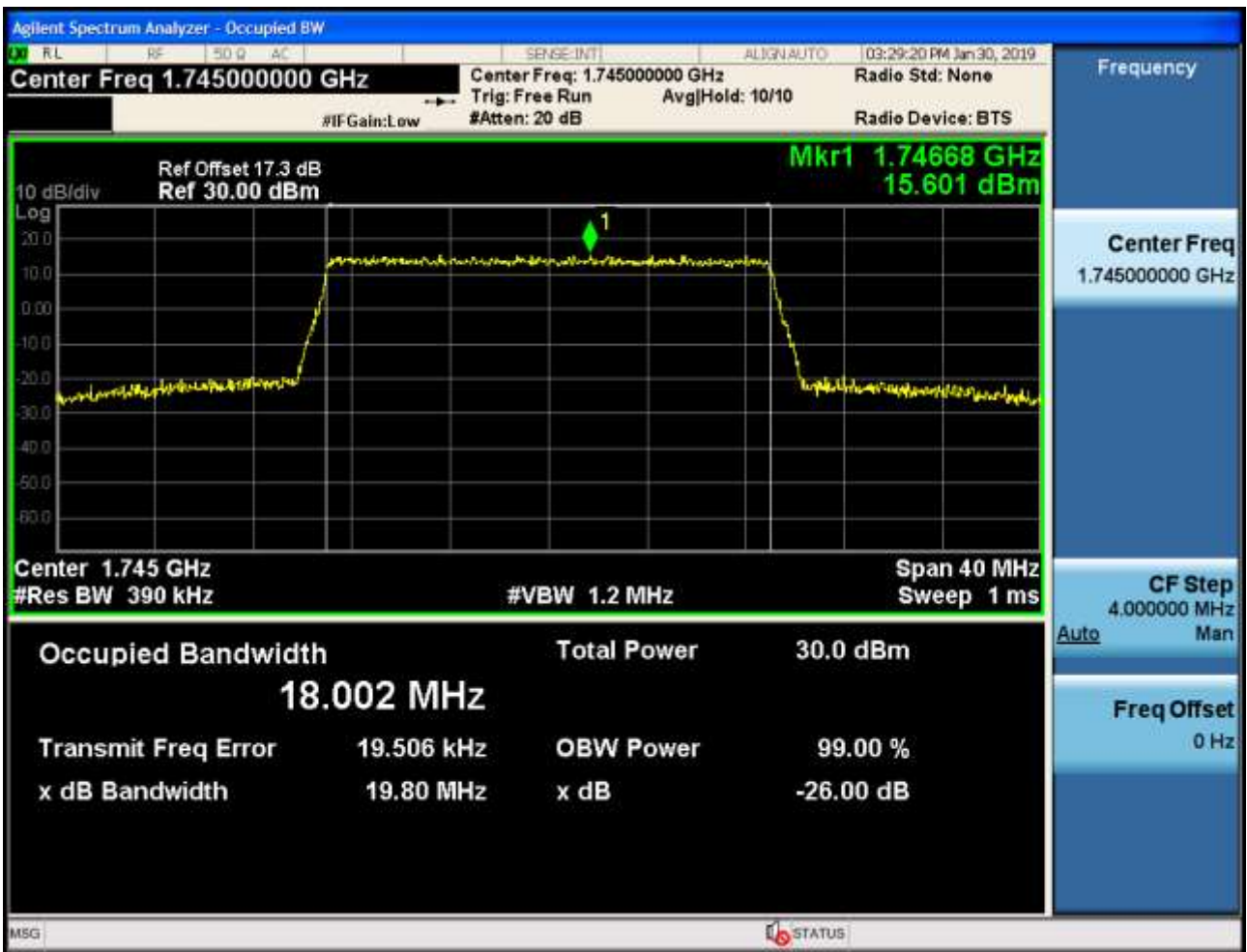
4.1.1.1.6.2 Test Channel = MCH

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



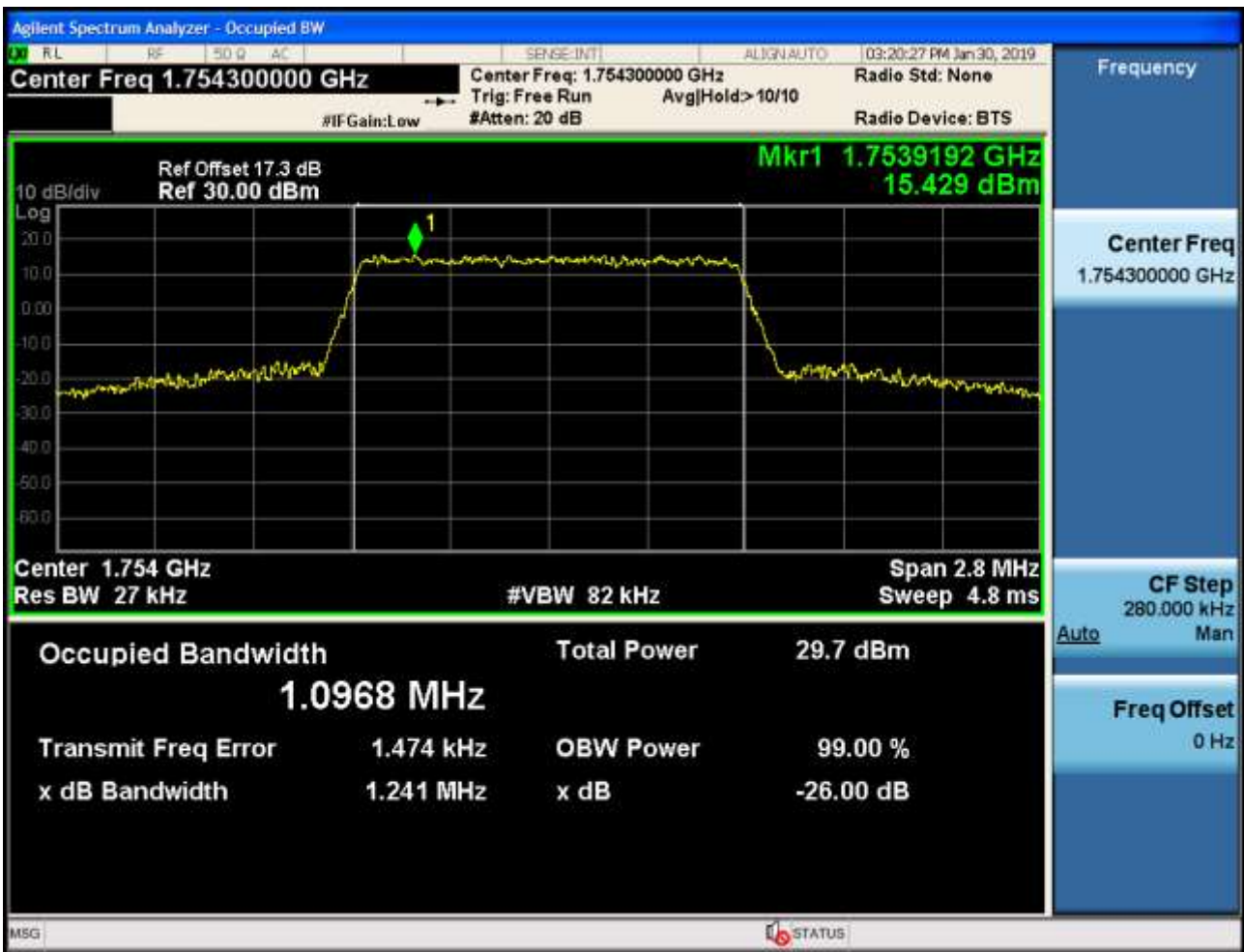
4.1.1.2.1.2 Test Channel = MCH

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

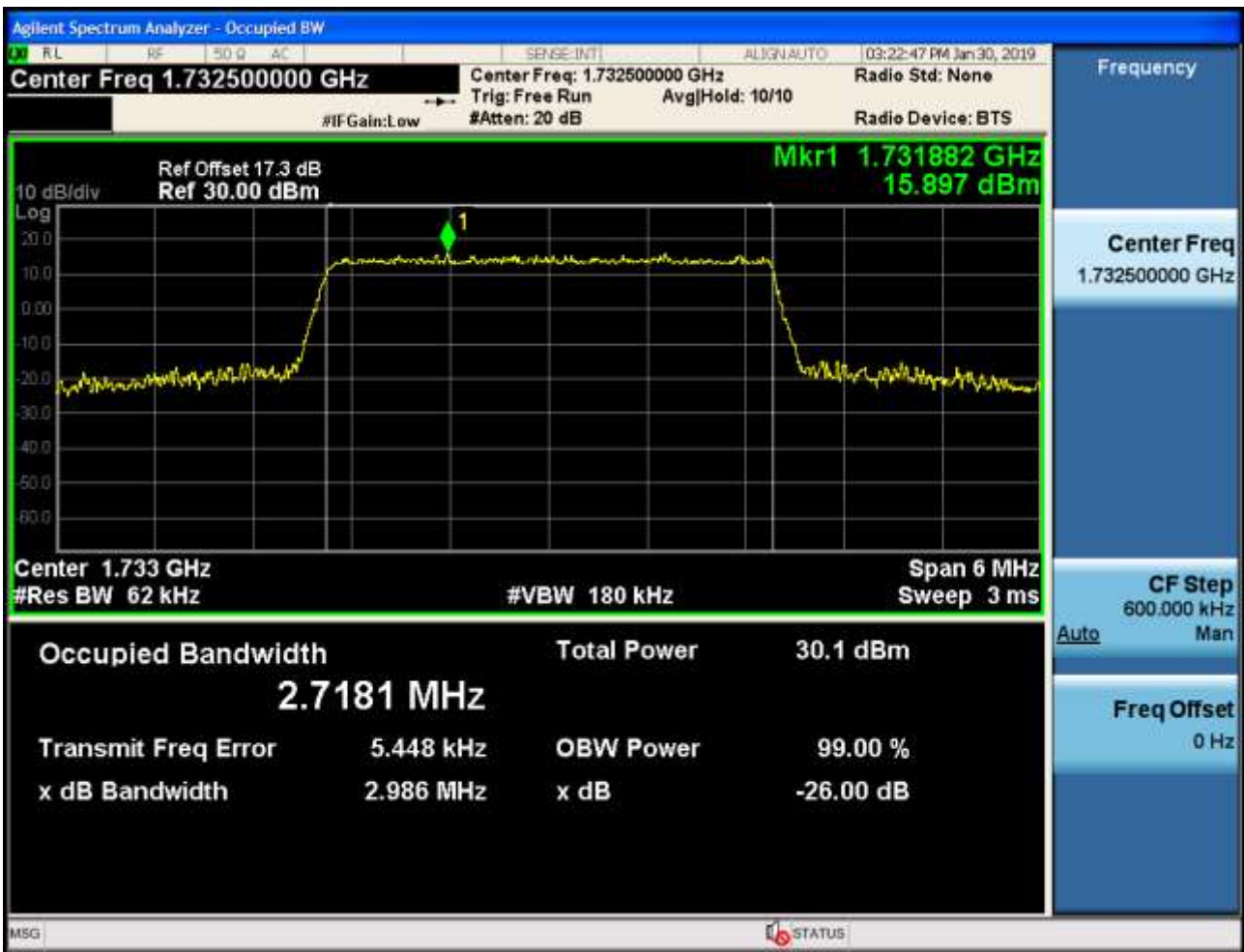
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



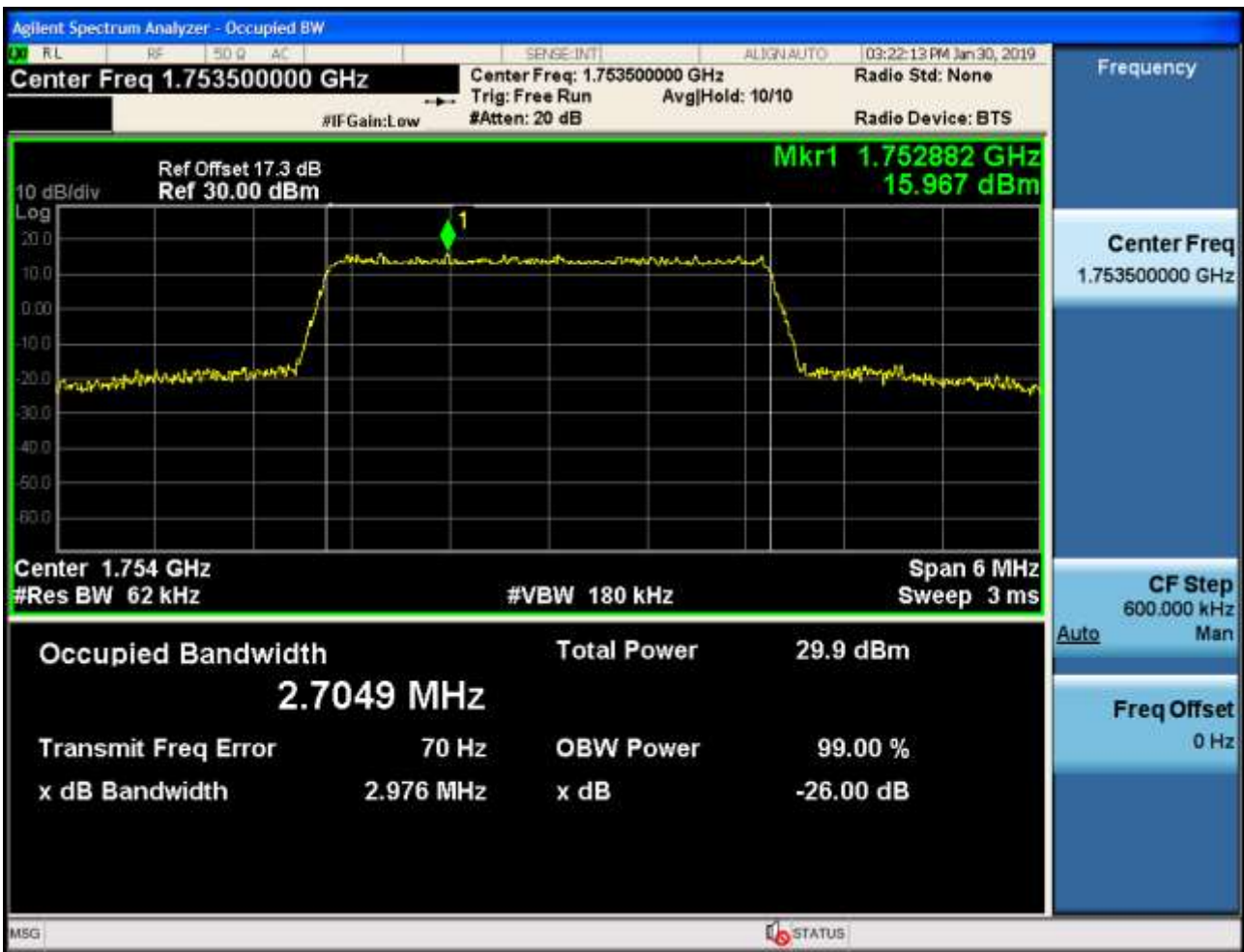
4.1.1.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

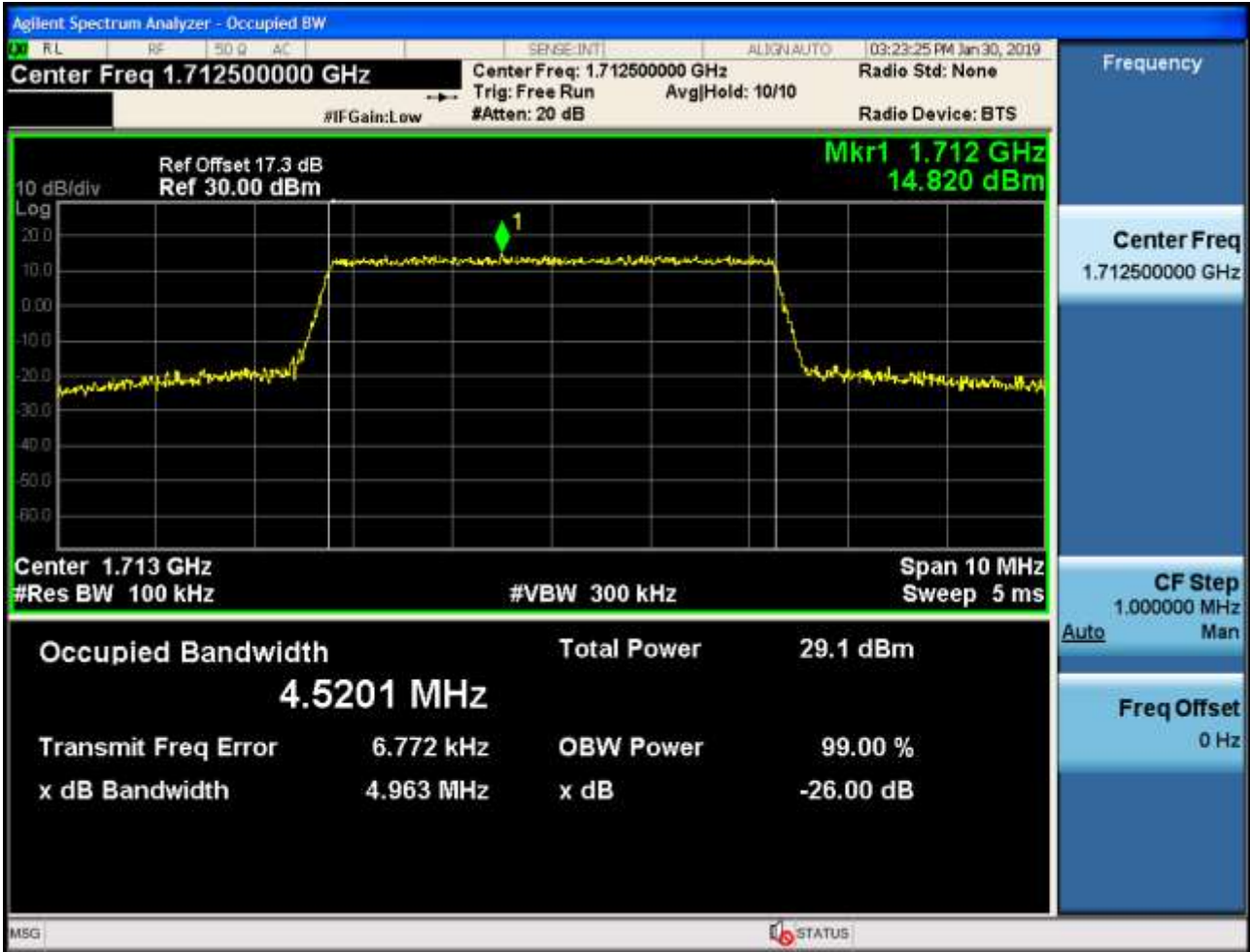
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

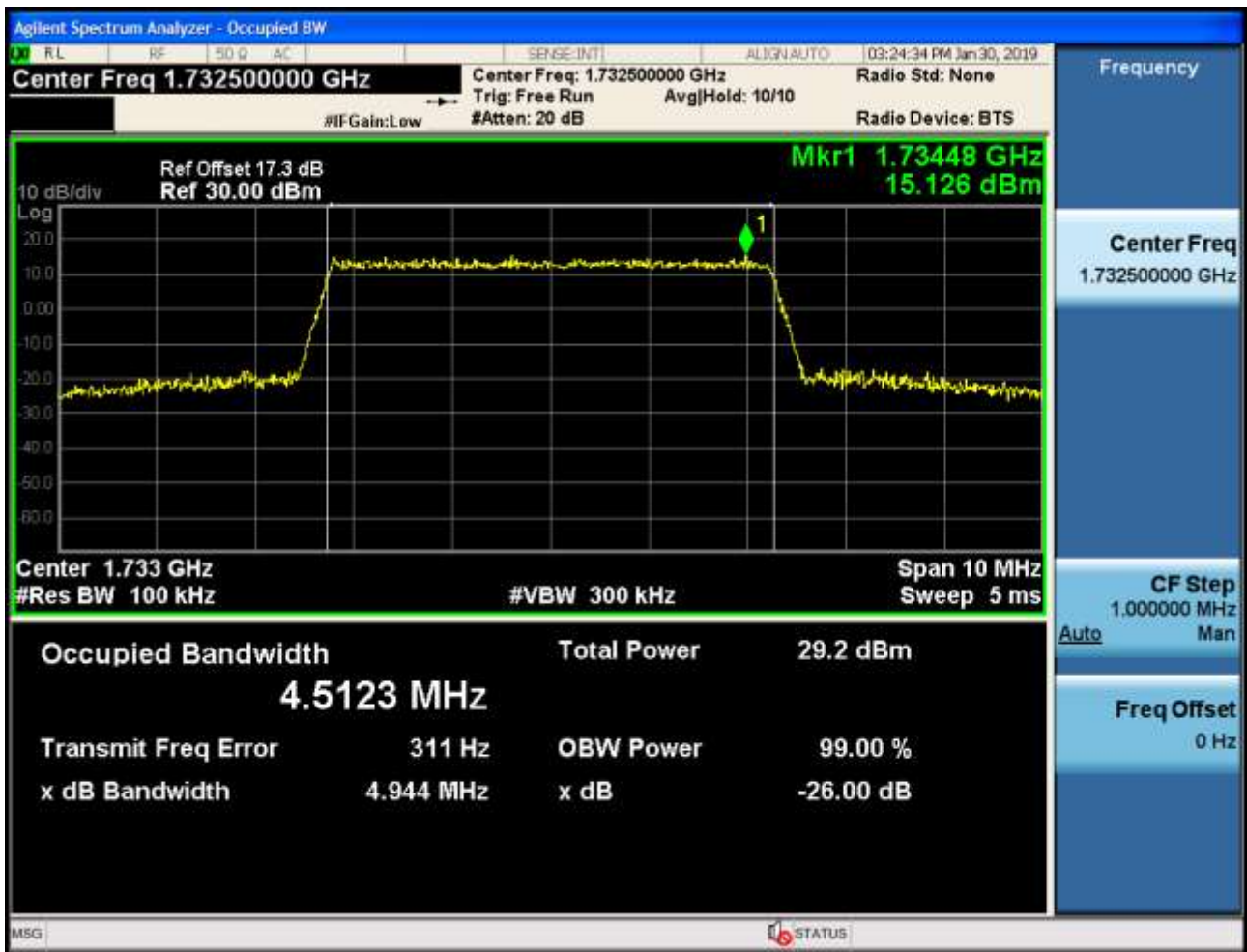
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



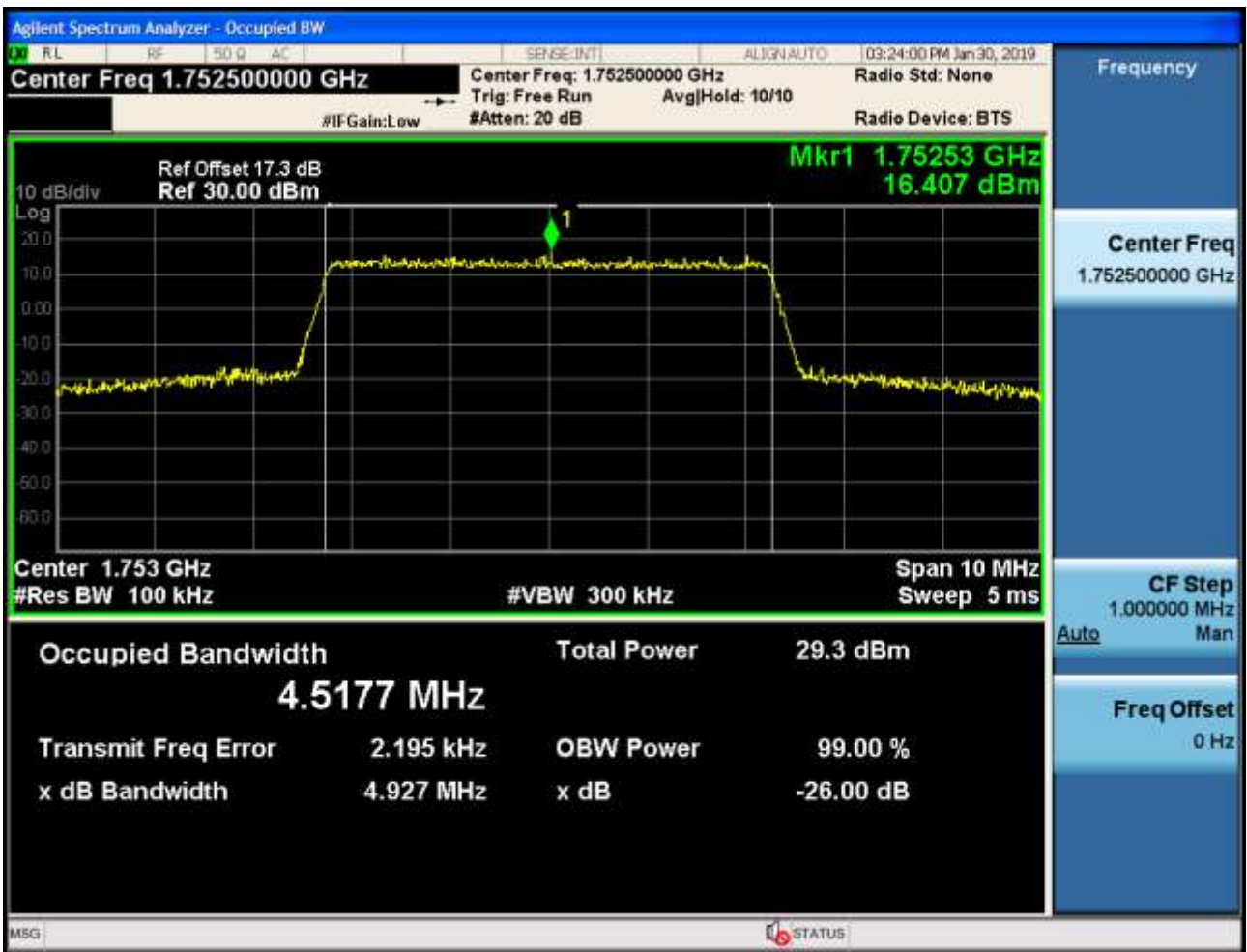
4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0



4.1.1.2.3.3 Test Channel = HCH

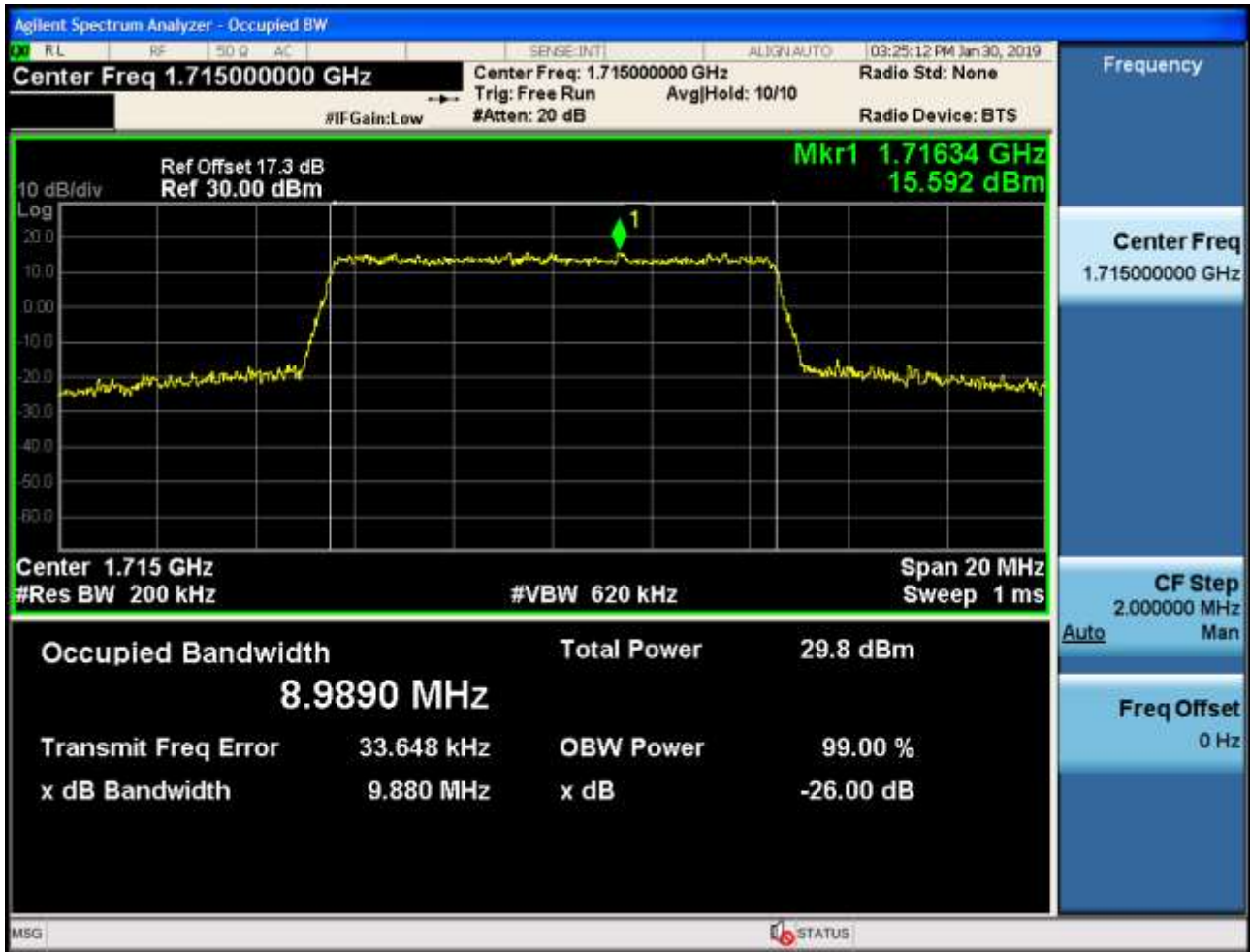
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

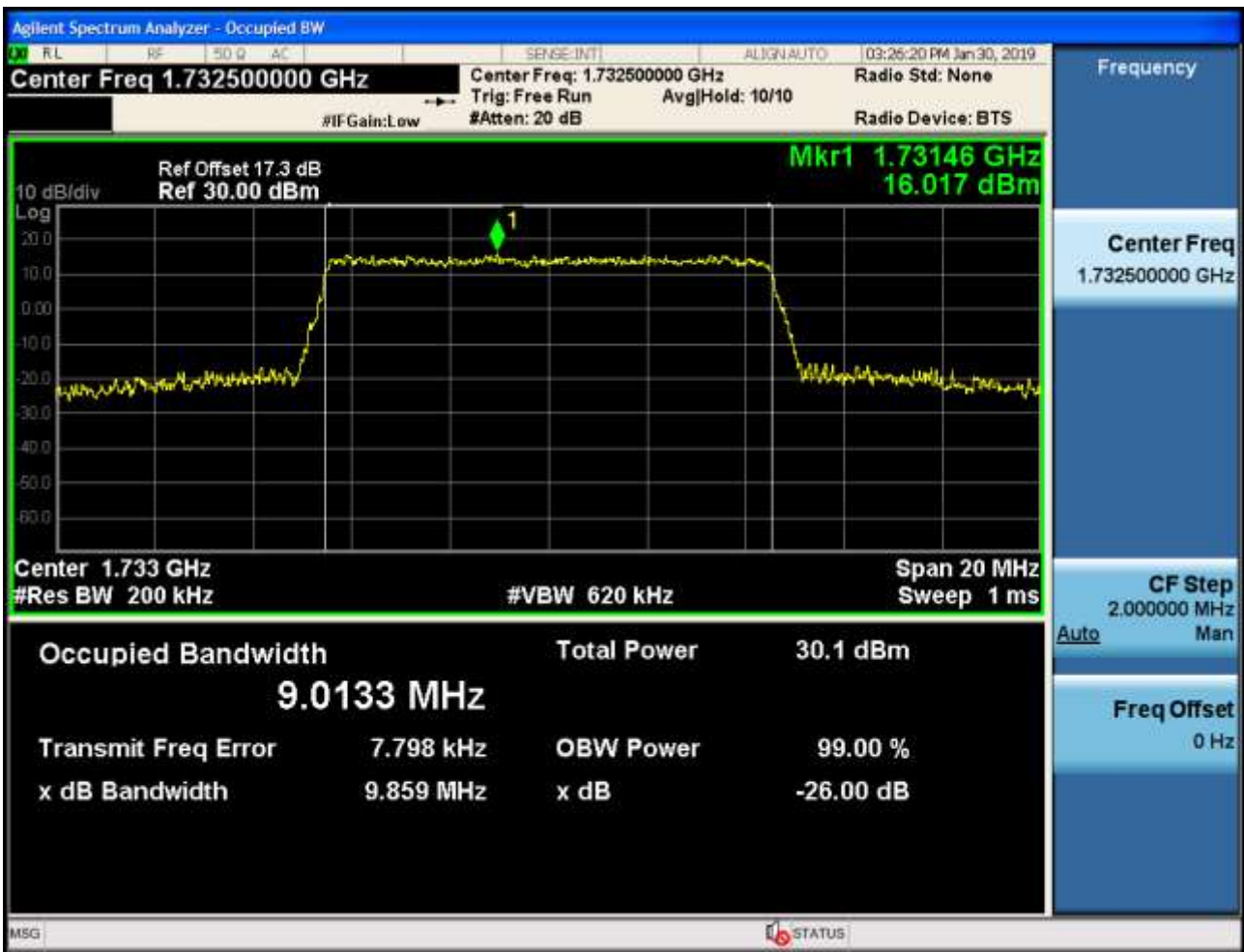
4.1.1.2.4.1 Test Channel = LCH

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

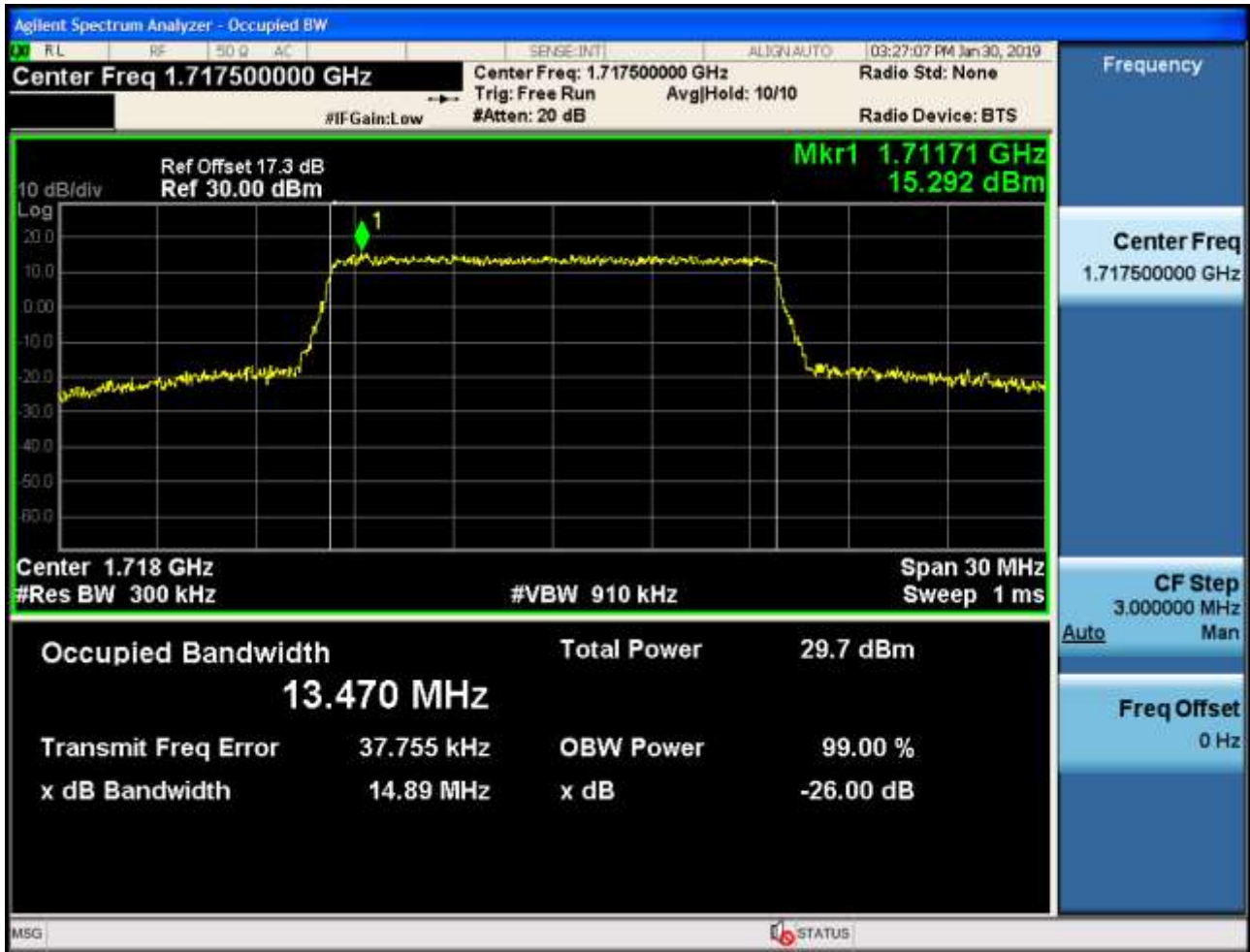
4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

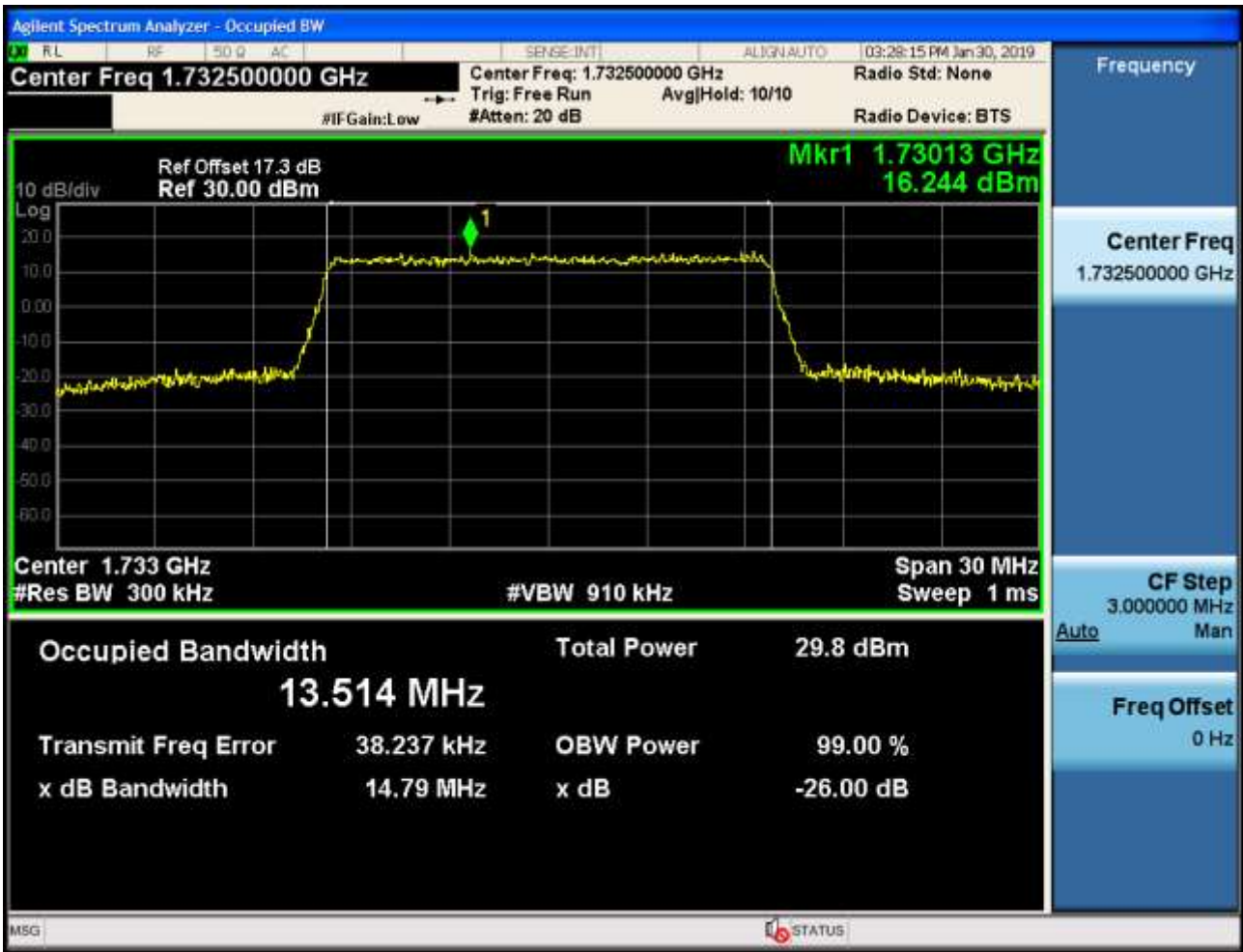
4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



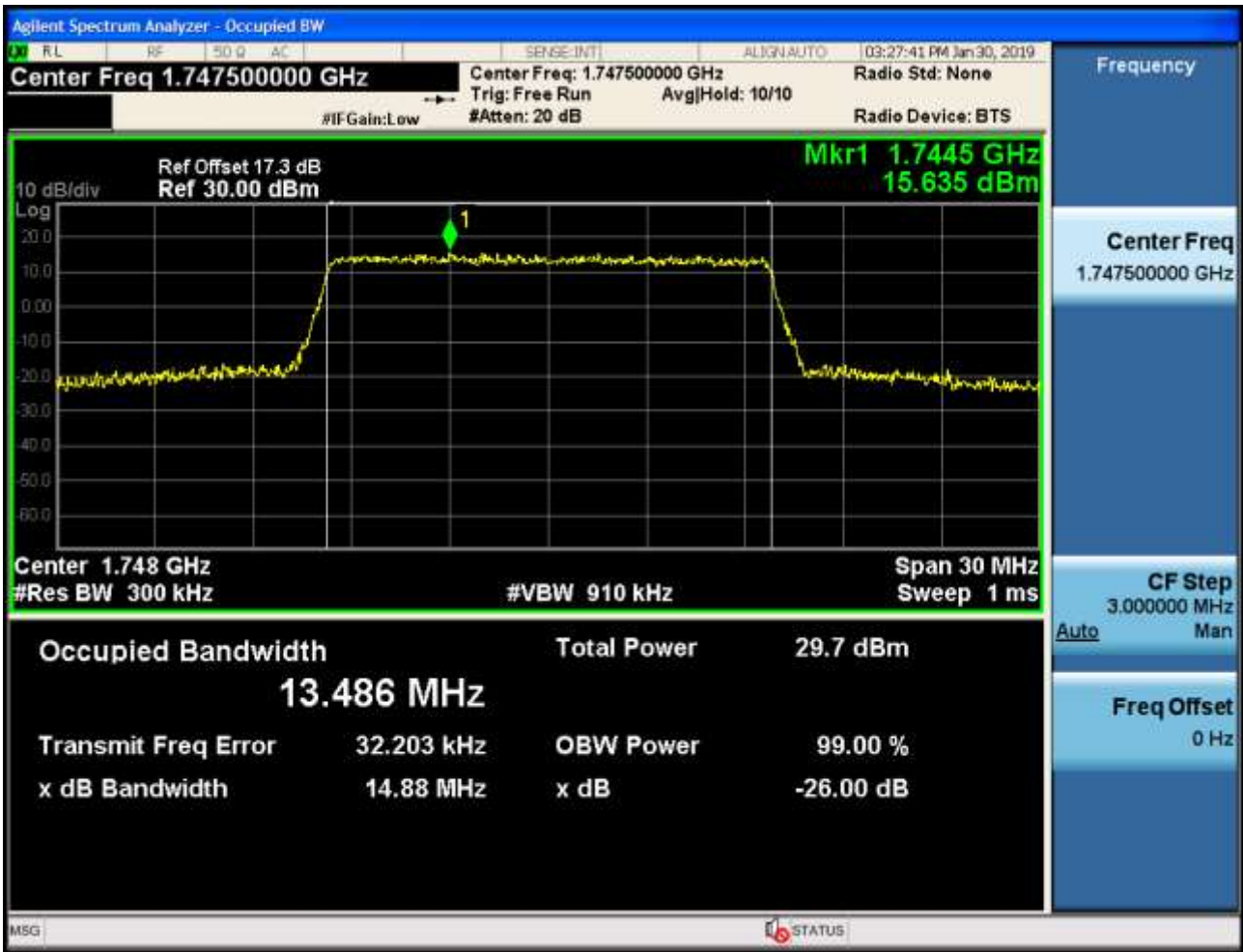
4.1.1.2.5.2 Test Channel = MCH

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

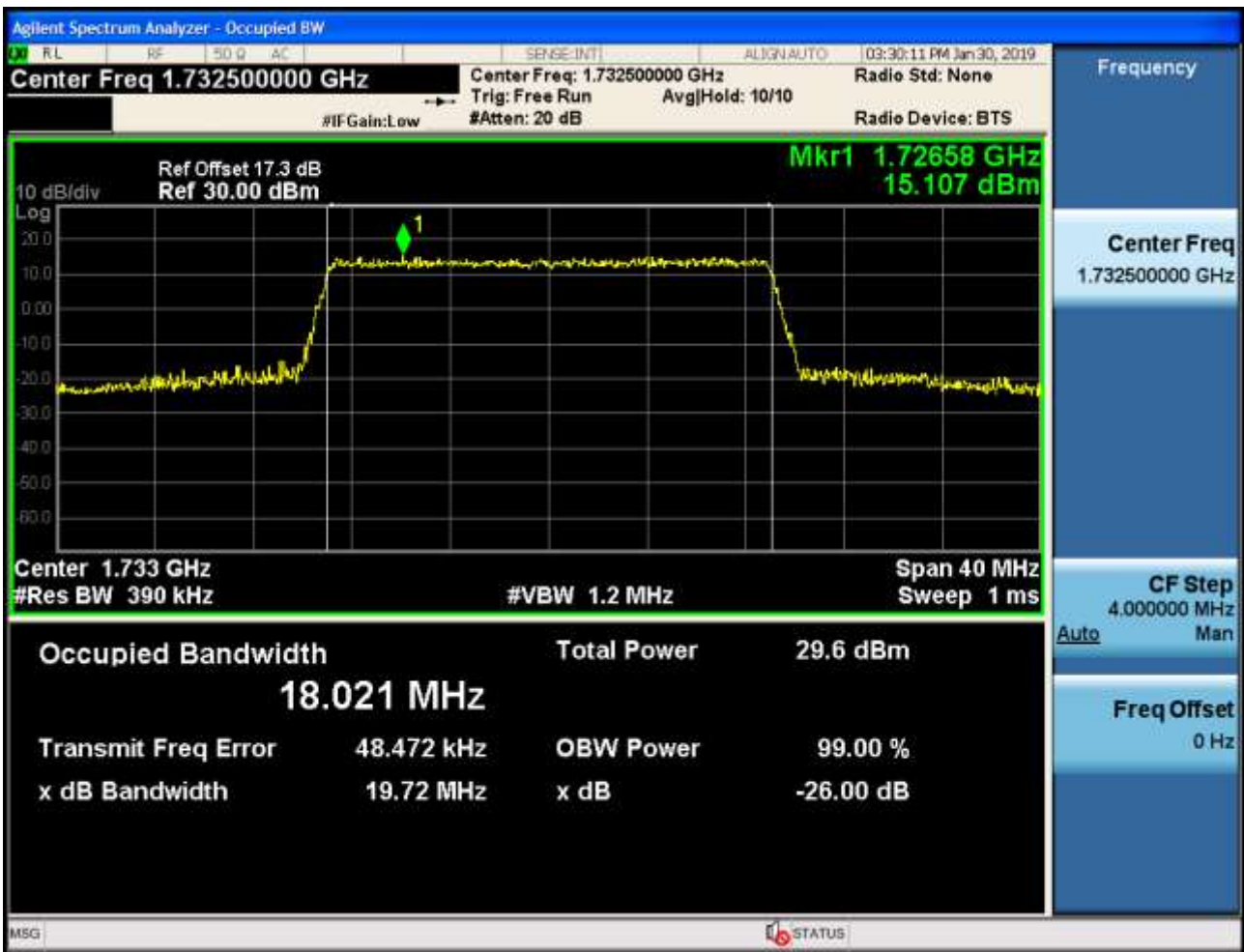
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



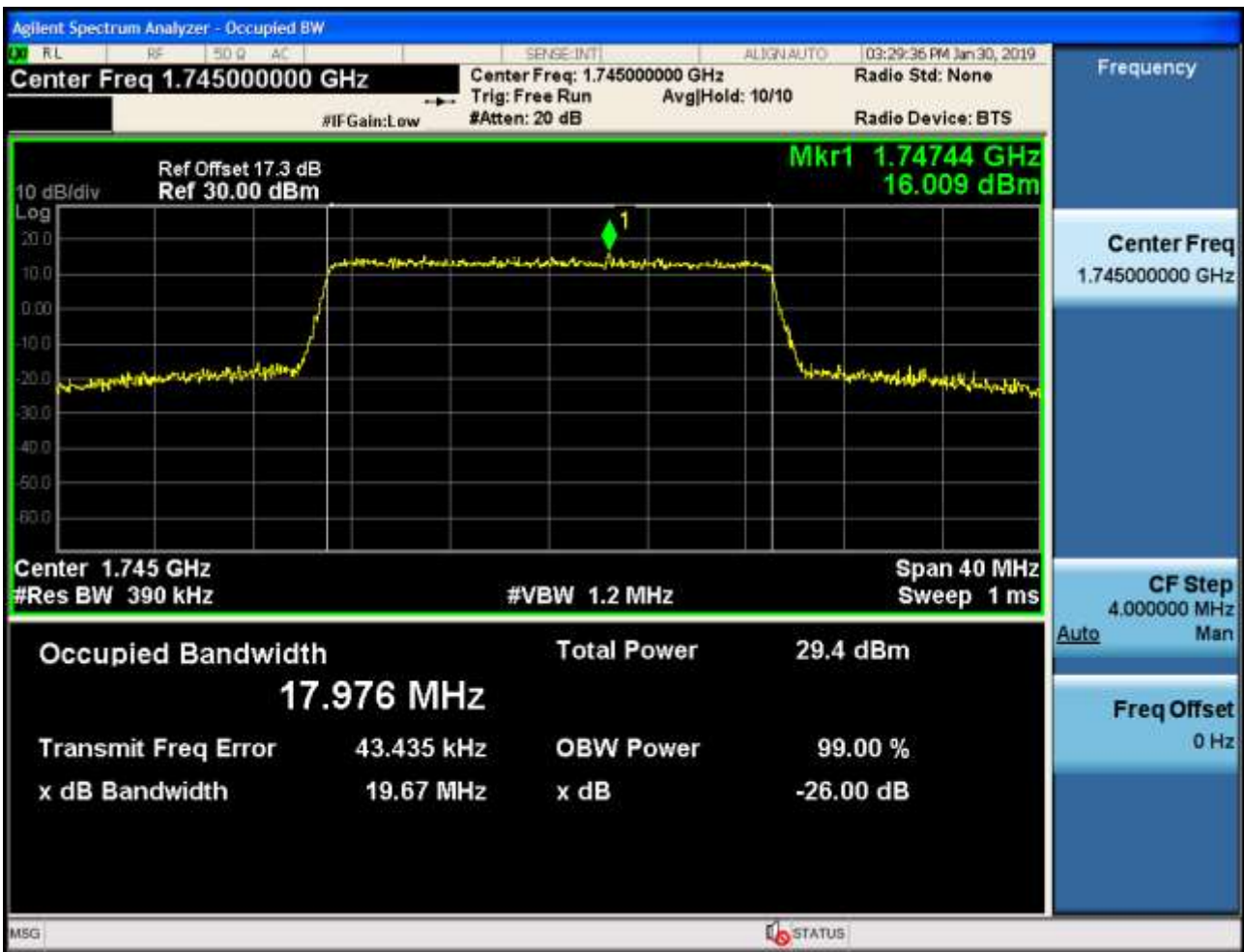
4.1.1.2.6.2 Test Channel = MCH

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



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





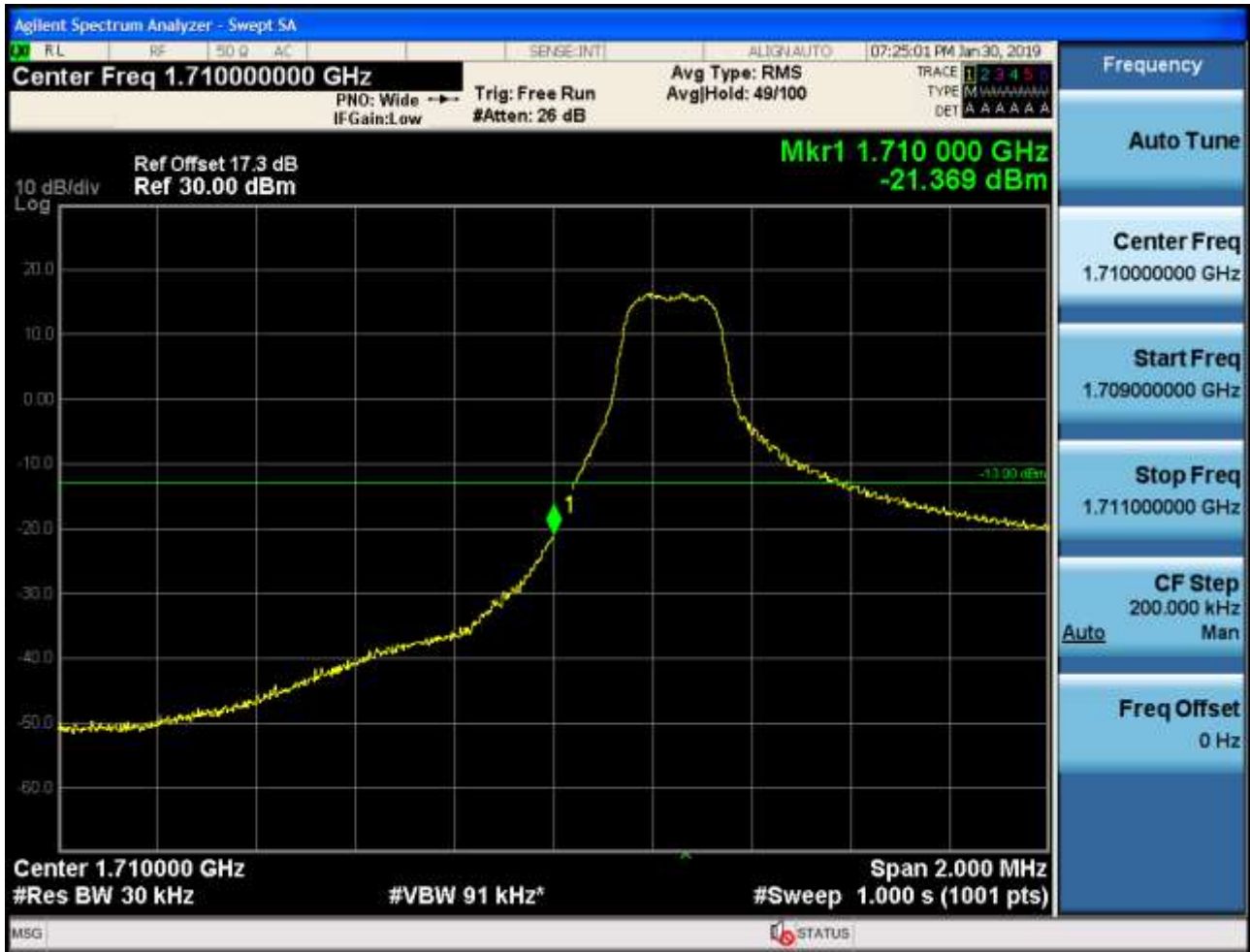
5.1.1.1.1.2.4 Test RB = RB6#0



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





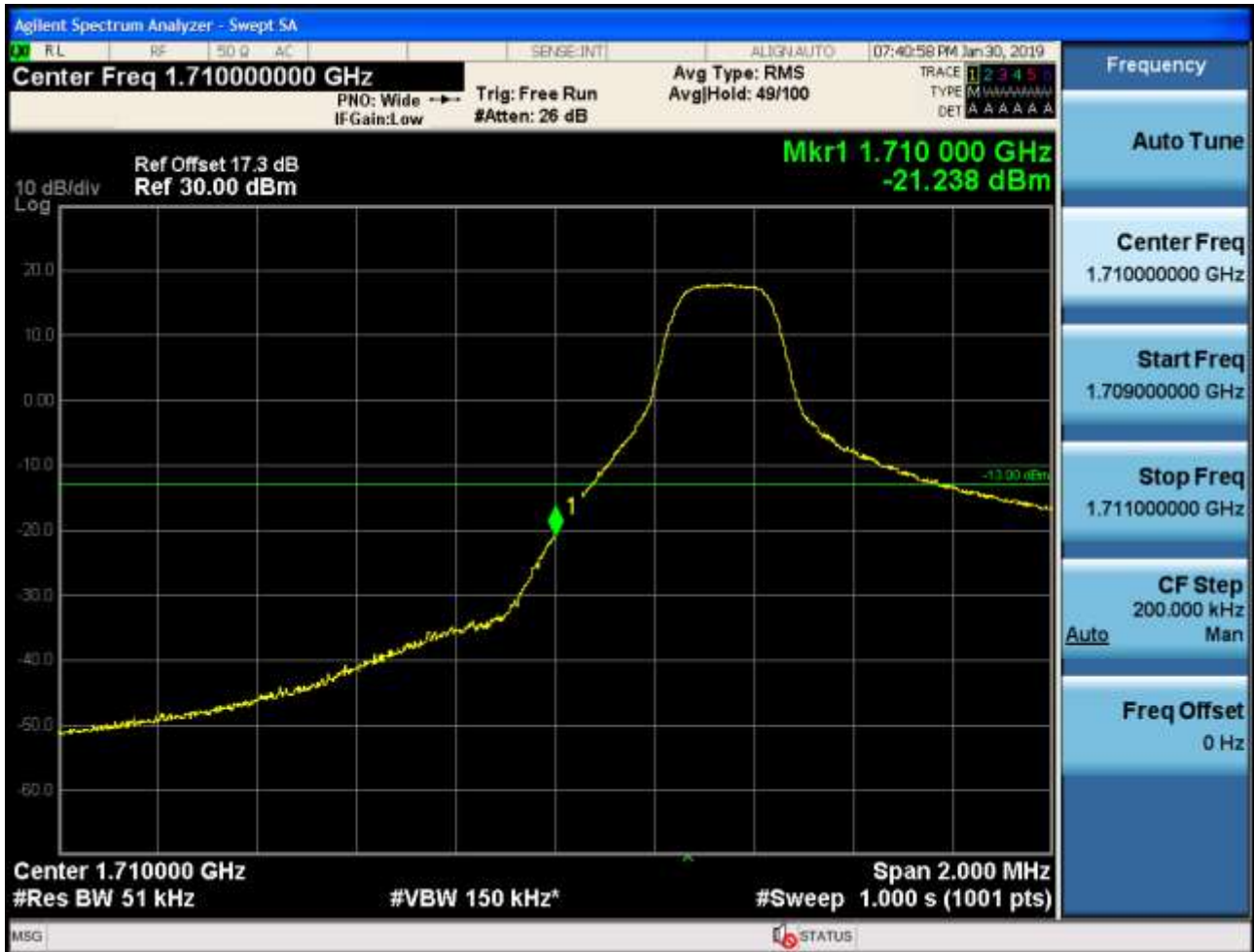
5.1.1.1.2.2.4 Test RB = RB15#0



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



5.1.1.1.4.2.2 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 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



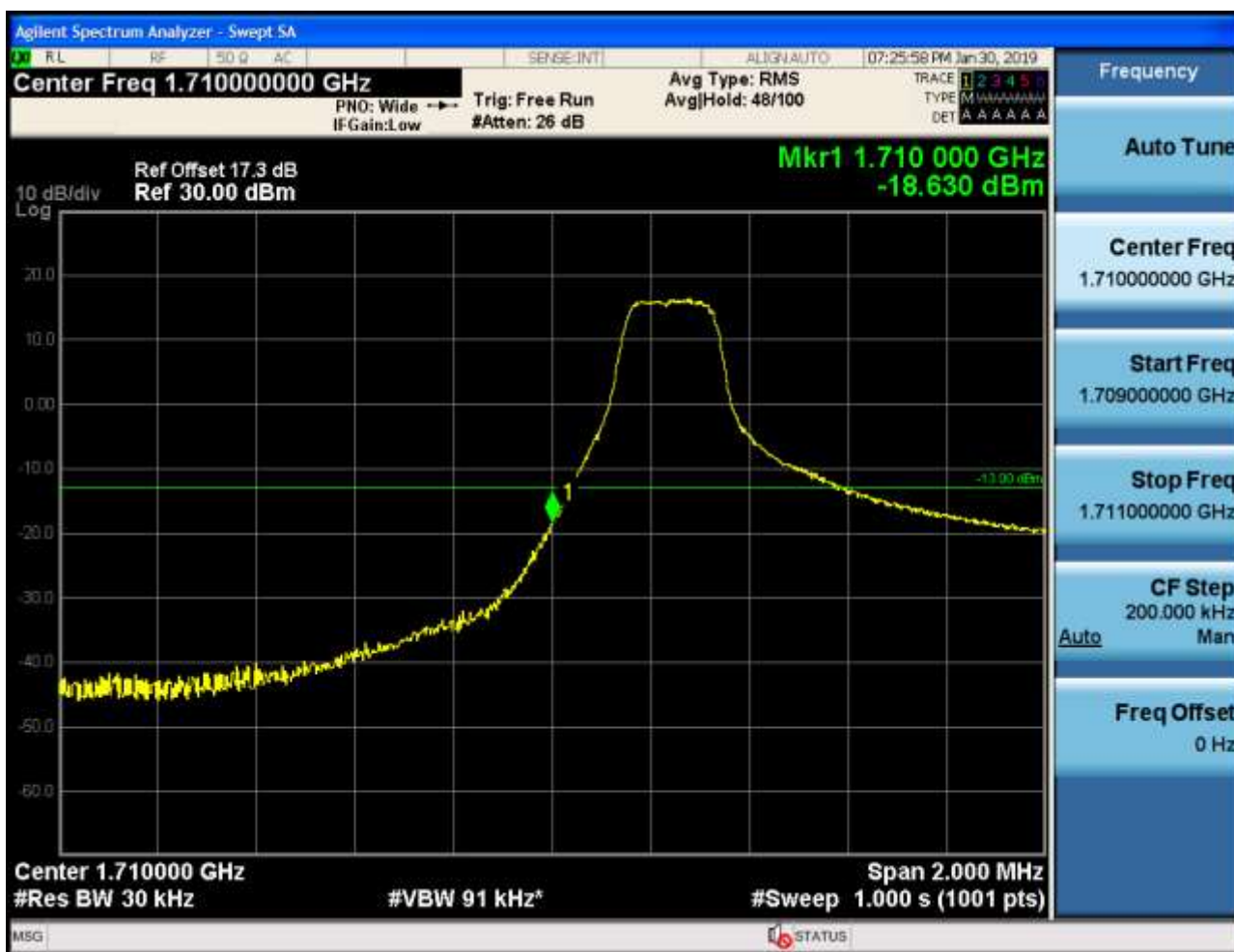
5.1.1.2.1.2.4 Test RB = RB6#0



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



5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



5.1.1.2.2.2 Test RB = RB1#14



5.1.1.2.2.3 Test RB = RB8#4



5.1.1.2.2.4 Test RB = RB15#0



5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0



5.1.1.2.3.1.2 Test RB = RB1#24





5.1.1.2.3.1.3 Test RB = RB12#6





5.1.1.2.3.1.4 Test RB = RB25#0



5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



5.1.1.2.3.2.2 Test RB = RB1#24





5.1.1.2.3.2.3 Test RB = RB12#6



5.1.1.2.3.2.4 Test RB = RB25#0



5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0



5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13



5.1.1.2.4.1.4 Test RB = RB50#0



5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0

