



# 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
Band2	LTE/TM1	1.4	LCH	RB1#0	22.90	24.00	33	PASS
				RB1#3	23.09	24.19	33	PASS
				RB1#5	22.90	24.00	33	PASS
				RB3#0	22.98	24.08	33	PASS
				RB3#2	23.00	24.10	33	PASS
				RB3#3	23.00	24.10	33	PASS
				RB6#0	21.96	23.06	33	PASS
			MCH	RB1#0	22.77	23.87	33	PASS
				RB1#3	22.87	23.97	33	PASS
				RB1#5	22.78	23.88	33	PASS
				RB3#0	22.89	23.99	33	PASS
				RB3#2	22.91	24.01	33	PASS
				RB3#3	22.82	23.92	33	PASS
				RB6#0	21.85	22.95	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.63	23.73	33	PASS
				RB1#3	22.83	23.93	33	PASS
				RB1#5	22.66	23.76	33	PASS
				RB3#0	22.66	23.76	33	PASS
				RB3#2	22.77	23.87	33	PASS
				RB3#3	22.69	23.79	33	PASS
				RB6#0	21.71	22.81	33	PASS
		3	LCH	RB1#0	22.97	24.07	33	PASS
				RB1#7	23.10	24.20	33	PASS
				RB1#14	22.91	24.01	33	PASS
				RB8#0	21.98	23.08	33	PASS
				RB8#4	21.97	23.07	33	PASS
				RB8#7	21.93	23.03	33	PASS
				RB15#0	21.96	23.06	33	PASS
		MCH	RB1#0	22.91	24.01	33	PASS	
			RB1#7	23.03	24.13	33	PASS	
			RB1#14	22.85	23.95	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.86	22.96	33	PASS	
				RB8#4	21.89	22.99	33	PASS	
				RB8#7	21.85	22.95	33	PASS	
				RB15#0	21.85	22.95	33	PASS	
			HCH	RB1#0	22.70	23.80	33	PASS	
				RB1#7	22.86	23.96	33	PASS	
				RB1#14	22.72	23.82	33	PASS	
				RB8#0	21.71	22.81	33	PASS	
				RB8#4	21.72	22.82	33	PASS	
				RB8#7	21.71	22.81	33	PASS	
				RB15#0	21.65	22.75	33	PASS	
				5	LCH	RB1#0	22.88	23.98	33
			RB1#13			22.98	24.08	33	PASS
			RB1#24			22.86	23.96	33	PASS
		RB12#0	21.91			23.01	33	PASS	
		RB12#6	21.97			23.07	33	PASS	
		RB12#13	21.90			23.00	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB25#0	21.91	23.01	33	PASS		
			MCH	RB1#0	22.80	23.90	33	PASS		
				RB1#13	22.88	23.98	33	PASS		
				RB1#24	22.80	23.90	33	PASS		
				RB12#0	21.85	22.95	33	PASS		
				RB12#6	21.88	22.98	33	PASS		
				RB12#13	21.79	22.89	33	PASS		
				RB25#0	21.79	22.89	33	PASS		
			HCH	RB1#0	22.59	23.69	33	PASS		
				RB1#13	22.76	23.86	33	PASS		
				RB1#24	22.62	23.72	33	PASS		
				RB12#0	21.69	22.79	33	PASS		
				RB12#6	21.73	22.83	33	PASS		
				10	LCH	RB12#13	21.70	22.80	33	PASS
						RB25#0	21.73	22.83	33	PASS
				LCH	RB1#0	22.97	24.07	33	PASS	
					RB1#25	23.10	24.20	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.78	23.88	33	PASS
				RB25#0	21.94	23.04	33	PASS
				RB25#13	21.95	23.05	33	PASS
				RB25#25	21.92	23.02	33	PASS
				RB50#0	21.92	23.02	33	PASS
			MCH	RB1#0	22.86	23.96	33	PASS
				RB1#25	23.10	24.20	33	PASS
				RB1#49	22.82	23.92	33	PASS
				RB25#0	21.87	22.97	33	PASS
				RB25#13	21.92	23.02	33	PASS
				RB25#25	21.88	22.98	33	PASS
				RB50#0	21.85	22.95	33	PASS
			HCH	RB1#0	22.80	23.90	33	PASS
				RB1#25	22.90	24.00	33	PASS
				RB1#49	22.75	23.85	33	PASS
				RB25#0	21.78	22.88	33	PASS
				RB25#13	21.72	22.82	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	21.73	22.83	33	PASS
				RB50#0	21.72	22.82	33	PASS
		LCH	RB1#0	22.91	24.01	33	PASS	
			RB1#38	22.91	24.01	33	PASS	
			RB1#74	22.82	23.92	33	PASS	
			RB38#0	22.01	23.11	33	PASS	
			RB38#19	22.00	23.10	33	PASS	
			RB38#39	21.97	23.07	33	PASS	
			RB75#0	21.95	23.05	33	PASS	
			MCH	RB1#0	22.73	23.83	33	PASS
		RB1#38		22.87	23.97	33	PASS	
		RB1#74		22.73	23.83	33	PASS	
		RB38#0		21.95	23.05	33	PASS	
		RB38#19		21.92	23.02	33	PASS	
		RB38#39		21.88	22.98	33	PASS	
				RB75#0	21.93	23.03	33	PASS
HCH			RB1#0	22.67	23.77	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.78	23.88	33	PASS
				RB1#74	22.63	23.73	33	PASS
				RB38#0	21.91	23.01	33	PASS
				RB38#19	21.84	22.94	33	PASS
				RB38#39	21.75	22.85	33	PASS
				RB75#0	21.79	22.89	33	PASS
		20	LCH	RB1#0	22.65	23.75	33	PASS
				RB1#50	22.99	24.09	33	PASS
				RB1#99	22.64	23.74	33	PASS
				RB50#0	21.83	22.93	33	PASS
				RB50#25	21.88	22.98	33	PASS
				RB50#50	21.84	22.94	33	PASS
				RB100#0	21.85	22.95	33	PASS
				MCH	RB1#0	22.60	23.70	33
RB1#50	23.03	24.13	33		PASS			
RB1#99	22.60	23.70	33		PASS			
RB50#0	21.87	22.97	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.88	22.98	33	PASS
				RB50#50	21.82	22.92	33	PASS
				RB100#0	21.89	22.99	33	PASS
			HCH	RB1#0	22.52	23.62	33	PASS
				RB1#50	22.87	23.97	33	PASS
				RB1#99	22.49	23.59	33	PASS
				RB50#0	21.83	22.93	33	PASS
				RB50#25	21.79	22.89	33	PASS
				RB50#50	21.54	22.64	33	PASS
				RB100#0	21.71	22.81	33	PASS
				LCH	RB1#0	21.89	22.99	33
			RB1#3		22.08	23.18	33	PASS
			RB1#5		21.87	22.97	33	PASS
			RB3#0		22.14	23.24	33	PASS
			RB3#2		22.14	23.24	33	PASS
RB3#3	22.13	23.23	33		PASS			
RB6#0	21.13	22.23	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	22.09	23.19	33	PASS
				RB1#3	22.29	23.39	33	PASS
				RB1#5	22.11	23.21	33	PASS
				RB3#0	21.97	23.07	33	PASS
				RB3#2	21.96	23.06	33	PASS
				RB3#3	22.00	23.10	33	PASS
				RB6#0	20.74	21.84	33	PASS
			HCH	RB1#0	21.67	22.77	33	PASS
				RB1#3	21.83	22.93	33	PASS
				RB1#5	21.70	22.80	33	PASS
				RB3#0	21.64	22.74	33	PASS
				RB3#2	21.70	22.80	33	PASS
				RB3#3	21.72	22.82	33	PASS
				RB6#0	20.81	21.91	33	PASS
		3	LCH	RB1#0	21.82	22.92	33	PASS
				RB1#7	21.96	23.06	33	PASS
				RB1#14	21.78	22.88	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.08	22.18	33	PASS
				RB8#4	21.07	22.17	33	PASS
				RB8#7	21.04	22.14	33	PASS
				RB15#0	20.98	22.08	33	PASS
			MCH	RB1#0	21.83	22.93	33	PASS
				RB1#7	21.95	23.05	33	PASS
				RB1#14	21.77	22.87	33	PASS
				RB8#0	20.86	21.96	33	PASS
				RB8#4	20.92	22.02	33	PASS
				RB8#7	20.87	21.97	33	PASS
				RB15#0	20.80	21.90	33	PASS
			HCH	RB1#0	21.97	23.07	33	PASS
				RB1#7	22.14	23.24	33	PASS
				RB1#14	22.00	23.10	33	PASS
				RB8#0	20.74	21.84	33	PASS
				RB8#4	20.80	21.90	33	PASS
				RB8#7	20.74	21.84	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.68	21.78	33	PASS
		5	LCH	RB1#0	21.93	23.03	33	PASS
				RB1#13	22.03	23.13	33	PASS
				RB1#24	21.87	22.97	33	PASS
				RB12#0	20.94	22.04	33	PASS
				RB12#6	21.00	22.10	33	PASS
				RB12#13	20.96	22.06	33	PASS
				RB25#0	20.84	21.94	33	PASS
				MCH	RB1#0	22.22	23.32	33
			RB1#13		22.35	23.45	33	PASS
			RB1#24		22.28	23.38	33	PASS
			RB12#0		20.92	22.02	33	PASS
			RB12#6		21.00	22.10	33	PASS
			RB12#13		20.92	22.02	33	PASS
			RB25#0		20.88	21.98	33	PASS
			HCH	RB1#0	21.72	22.82	33	PASS
		RB1#13		21.84	22.94	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	21.76	22.86	33	PASS	
				RB12#0	20.73	21.83	33	PASS	
				RB12#6	20.76	21.86	33	PASS	
				RB12#13	20.76	21.86	33	PASS	
				RB25#0	20.70	21.80	33	PASS	
		10	LCH	RB1#0	22.22	23.32	33	PASS	
				RB1#25	22.39	23.49	33	PASS	
				RB1#49	22.19	23.29	33	PASS	
				RB25#0	20.95	22.05	33	PASS	
				RB25#13	20.97	22.07	33	PASS	
				RB25#25	20.94	22.04	33	PASS	
				RB50#0	20.93	22.03	33	PASS	
				MCH	RB1#0	21.74	22.84	33	PASS
					RB1#25	21.88	22.98	33	PASS
					RB1#49	21.78	22.88	33	PASS
RB25#0	20.93	22.03	33		PASS				
RB25#13	20.93	22.03	33		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.87	21.97	33	PASS
				RB50#0	20.82	21.92	33	PASS
			HCH	RB1#0	21.66	22.76	33	PASS
				RB1#25	21.86	22.96	33	PASS
				RB1#49	21.63	22.73	33	PASS
				RB25#0	20.85	21.95	33	PASS
				RB25#13	20.77	21.87	33	PASS
				RB25#25	20.79	21.89	33	PASS
				RB50#0	20.71	21.81	33	PASS
				15	LCH	RB1#0	22.21	23.31
		RB1#38	22.26			23.36	33	PASS
		RB1#74	22.08			23.18	33	PASS
		RB38#0	20.88			21.98	33	PASS
		RB38#19	20.94			22.04	33	PASS
		RB38#39	20.88			21.98	33	PASS
RB75#0	20.93	22.03	33			PASS		
MCH	RB1#0	22.05	23.15	33	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.15	23.25	33	PASS
				RB1#74	22.03	23.13	33	PASS
				RB38#0	20.89	21.99	33	PASS
				RB38#19	20.89	21.99	33	PASS
				RB38#39	20.84	21.94	33	PASS
				RB75#0	20.87	21.97	33	PASS
			HCH	RB1#0	21.58	22.68	33	PASS
				RB1#38	21.61	22.71	33	PASS
				RB1#74	21.50	22.60	33	PASS
				RB38#0	20.80	21.90	33	PASS
				RB38#19	20.74	21.84	33	PASS
				RB38#39	20.62	21.72	33	PASS
		20	LCH	RB1#0	22.00	23.10	33	PASS
				RB1#50	22.33	23.43	33	PASS
				RB1#99	21.92	23.02	33	PASS
				RB50#0	20.84	21.94	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.85	21.95	33	PASS
				RB50#50	20.87	21.97	33	PASS
				RB100#0	20.86	21.96	33	PASS
			MCH	RB1#0	21.92	23.02	33	PASS
				RB1#50	22.40	23.50	33	PASS
				RB1#99	22.00	23.10	33	PASS
				RB50#0	20.91	22.01	33	PASS
				RB50#25	20.83	21.93	33	PASS
				RB50#50	20.85	21.95	33	PASS
				RB100#0	20.88	21.98	33	PASS
			HCH	RB1#0	22.02	23.12	33	PASS
				RB1#50	22.35	23.45	33	PASS
				RB1#99	21.93	23.03	33	PASS
				RB50#0	20.79	21.89	33	PASS
				RB50#25	20.78	21.88	33	PASS
RB50#50	20.57	21.67		33	PASS			
RB100#0	20.70	21.80		33	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
Band2	LTE/TM1	1.4	LCH	RB1#0	3.80	13	PASS
				RB1#3	3.68	13	PASS
				RB1#5	3.84	13	PASS
				RB3#0	4.36	13	PASS
				RB3#2	4.19	13	PASS
				RB3#3	4.39	13	PASS
				RB6#0	5.56	13	PASS
			MCH	RB1#0	3.88	13	PASS
				RB1#3	3.84	13	PASS
				RB1#5	3.93	13	PASS
				RB3#0	3.89	13	PASS
				RB3#2	3.78	13	PASS
				RB3#3	3.92	13	PASS
				RB6#0	5.27	13	PASS
		HCH	RB1#0	3.98	13	PASS	
			RB1#3	3.81	13	PASS	
			RB1#5	3.84	13	PASS	
			RB3#0	4.09	13	PASS	
			RB3#2	3.85	13	PASS	
			RB3#3	4.03	13	PASS	
			RB6#0	5.70	13	PASS	
		3	LCH	RB1#0	3.77	13	PASS
				RB1#7	3.78	13	PASS
				RB1#14	3.95	13	PASS
				RB8#0	5.21	13	PASS
				RB8#4	5.21	13	PASS
				RB8#7	5.32	13	PASS
				RB15#0	5.07	13	PASS
MCH	RB1#0		3.62	13	PASS		
	RB1#7		3.63	13	PASS		
	RB1#14		3.79	13	PASS		
	RB8#0		5.17	13	PASS		
	RB8#4		5.14	13	PASS		
	RB8#7		5.21	13	PASS		
	RB15#0		5.90	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	HCH	RB1#0	3.73	13	PASS
				RB1#7	3.69	13	PASS
				RB1#14	3.65	13	PASS
				RB8#0	4.73	13	PASS
				RB8#4	4.71	13	PASS
				RB8#7	4.82	13	PASS
				RB15#0	5.47	13	PASS
			LCH	RB1#0	4.00	13	PASS
				RB1#13	4.07	13	PASS
				RB1#24	4.17	13	PASS
				RB12#0	5.12	13	PASS
				RB12#6	5.08	13	PASS
				RB12#13	5.35	13	PASS
				RB25#0	5.70	13	PASS
		MCH	RB1#0	3.89	13	PASS	
			RB1#13	3.92	13	PASS	
			RB1#24	4.15	13	PASS	
			RB12#0	5.05	13	PASS	
			RB12#6	4.89	13	PASS	
			RB12#13	5.14	13	PASS	
			RB25#0	5.60	13	PASS	
		HCH	RB1#0	4.10	13	PASS	
			RB1#13	3.96	13	PASS	
			RB1#24	3.98	13	PASS	
			RB12#0	4.95	13	PASS	
			RB12#6	4.72	13	PASS	
			RB12#13	4.93	13	PASS	
			RB25#0	5.29	13	PASS	
		10	LCH	RB1#0	3.83	13	PASS
				RB1#25	3.87	13	PASS
RB1#49	3.97			13	PASS		
RB25#0	5.48			13	PASS		
RB25#13	5.35			13	PASS		
RB25#25	5.53			13	PASS		
RB50#0	5.82			13	PASS		
RB1#0	3.80			13	PASS		
MCH	RB1#25		3.89	13	PASS		
	RB1#49		4.17	13	PASS		
	RB25#0		5.05	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.08	13	PASS
				RB25#25	5.27	13	PASS
				RB50#0	5.65	13	PASS
			HCH	RB1#0	3.51	13	PASS
				RB1#25	3.56	13	PASS
				RB1#49	3.60	13	PASS
				RB25#0	4.86	13	PASS
				RB25#13	4.88	13	PASS
				RB25#25	5.02	13	PASS
				RB50#0	5.50	13	PASS
			LCH	RB1#0	3.74	13	PASS
				RB1#38	3.78	13	PASS
		RB1#74		3.69	13	PASS	
		RB38#0		5.35	13	PASS	
		RB38#19		5.26	13	PASS	
		RB38#39		5.26	13	PASS	
		RB75#0		6.09	13	PASS	
		MCH	RB1#0	3.80	13	PASS	
			RB1#38	3.95	13	PASS	
			RB1#74	4.20	13	PASS	
			RB38#0	5.06	13	PASS	
			RB38#19	5.05	13	PASS	
			RB38#39	5.31	13	PASS	
			RB75#0	5.95	13	PASS	
		HCH	RB1#0	3.81	13	PASS	
			RB1#38	3.55	13	PASS	
			RB1#74	3.70	13	PASS	
			RB38#0	4.97	13	PASS	
			RB38#19	4.82	13	PASS	
			RB38#39	5.20	13	PASS	
			RB75#0	6.01	13	PASS	
		20	LCH	RB1#0	4.22	13	PASS
				RB1#50	4.06	13	PASS
RB1#99	3.96			13	PASS		
RB50#0	5.58			13	PASS		
RB50#25	5.42			13	PASS		
RB50#50	5.37			13	PASS		
RB100#0	5.79			13	PASS		
MCH	RB1#0		3.85	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#50	3.84	13	PASS			
				RB1#99	4.30	13	PASS			
				RB50#0	5.14	13	PASS			
				RB50#25	5.22	13	PASS			
				RB50#50	5.50	13	PASS			
				RB100#0	5.92	13	PASS			
			HCH	RB1#0	4.14	13	PASS			
				RB1#50	3.46	13	PASS			
				RB1#99	3.92	13	PASS			
				RB50#0	5.13	13	PASS			
				RB50#25	4.92	13	PASS			
				RB50#50	5.23	13	PASS			
					1.4	LCH	RB1#0	4.79	13	PASS
							RB1#3	4.78	13	PASS
	RB1#5	4.85					13	PASS		
	RB3#0	5.07					13	PASS		
	RB3#2	4.92					13	PASS		
	RB3#3	5.08					13	PASS		
	MCH	RB6#0				5.83	13	PASS		
		RB1#0				4.52	13	PASS		
		RB1#3				4.50	13	PASS		
		RB1#5				4.57	13	PASS		
		RB3#0				5.01	13	PASS		
		RB3#2				4.88	13	PASS		
	HCH	RB3#3				5.04	13	PASS		
		RB6#0				6.09	13	PASS		
		RB1#0	4.71	13	PASS					
		RB1#3	4.55	13	PASS					
		RB1#5	4.64	13	PASS					
		RB3#0	5.08	13	PASS					
		3	LCH	RB3#2	4.93	13	PASS			
				RB3#3	5.05	13	PASS			
				RB6#0	5.86	13	PASS			
				RB1#0	5.09	13	PASS			
				RB1#7	5.10	13	PASS			
				RB1#14	5.25	13	PASS			
				RB8#0	5.81	13	PASS			
				RB8#4	5.98	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	6.12	13	PASS
				RB15#0	6.47	13	PASS
			MCH	RB1#0	4.66	13	PASS
				RB1#7	4.65	13	PASS
				RB1#14	4.87	13	PASS
				RB8#0	5.67	13	PASS
				RB8#4	5.63	13	PASS
				RB8#7	5.79	13	PASS
			RB15#0	6.54	13	PASS	
			HCH	RB1#0	4.41	13	PASS
				RB1#7	4.36	13	PASS
				RB1#14	4.39	13	PASS
				RB8#0	5.79	13	PASS
				RB8#4	5.67	13	PASS
		RB8#7		5.87	13	PASS	
		RB15#0	5.97	13	PASS		
		5	LCH	RB1#0	4.90	13	PASS
				RB1#13	4.94	13	PASS
				RB1#24	5.08	13	PASS
				RB12#0	5.94	13	PASS
				RB12#6	5.84	13	PASS
				RB12#13	5.99	13	PASS
			RB25#0	7.02	13	PASS	
			MCH	RB1#0	4.03	13	PASS
				RB1#13	4.06	13	PASS
				RB1#24	4.23	13	PASS
				RB12#0	5.67	13	PASS
				RB12#6	5.59	13	PASS
				RB12#13	5.73	13	PASS
			RB25#0	6.48	13	PASS	
		HCH	RB1#0	4.78	13	PASS	
			RB1#13	4.68	13	PASS	
RB1#24	4.74		13	PASS			
RB12#0	5.80		13	PASS			
RB12#6	5.63		13	PASS			
RB12#13	5.79		13	PASS			
RB25#0	6.31	13	PASS				
10	LCH	RB1#0	4.88	13	PASS		
		RB1#25	4.92	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.01	13	PASS
				RB25#0	6.41	13	PASS
				RB25#13	6.35	13	PASS
				RB25#25	6.56	13	PASS
				RB50#0	6.48	13	PASS
			MCH	RB1#0	4.47	13	PASS
				RB1#25	4.47	13	PASS
				RB1#49	4.83	13	PASS
				RB25#0	5.91	13	PASS
				RB25#13	5.90	13	PASS
				RB25#25	6.08	13	PASS
			HCH	RB50#0	6.46	13	PASS
				RB1#0	4.81	13	PASS
				RB1#25	4.88	13	PASS
				RB1#49	4.95	13	PASS
		RB25#0		6.08	13	PASS	
		RB25#13		6.02	13	PASS	
		15	LCH	RB25#25	6.24	13	PASS
				RB50#0	6.36	13	PASS
				RB1#0	5.21	13	PASS
				RB1#38	5.30	13	PASS
				RB1#74	5.14	13	PASS
				RB38#0	6.46	13	PASS
			MCH	RB38#19	6.40	13	PASS
				RB38#39	6.44	13	PASS
				RB75#0	6.73	13	PASS
				RB1#0	4.46	13	PASS
				RB1#38	4.59	13	PASS
				RB1#74	4.84	13	PASS
			HCH	RB38#0	6.04	13	PASS
RB38#19	6.08			13	PASS		
RB38#39	6.36			13	PASS		
RB75#0	6.49	13		PASS			
RB1#0	5.12	13		PASS			
RB1#38	4.83	13		PASS			
			RB1#74	5.04	13	PASS	
			RB38#0	6.12	13	PASS	
			RB38#19	5.93	13	PASS	
			RB38#39	6.23	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	6.53	13	PASS
		20	LCH	RB1#0	4.26	13	PASS
				RB1#50	4.14	13	PASS
				RB1#99	4.09	13	PASS
				RB50#0	6.53	13	PASS
				RB50#25	6.35	13	PASS
				RB50#50	6.41	13	PASS
				RB100#0	6.48	13	PASS
			MCH	RB1#0	4.68	13	PASS
				RB1#50	4.62	13	PASS
				RB1#99	5.08	13	PASS
				RB50#0	6.01	13	PASS
				RB50#25	6.16	13	PASS
				RB50#50	6.42	13	PASS
				RB100#0	6.52	13	PASS
			HCH	RB1#0	5.44	13	PASS
				RB1#50	4.60	13	PASS
				RB1#99	5.16	13	PASS
				RB50#0	6.29	13	PASS
				RB50#25	5.90	13	PASS
				RB50#50	6.19	13	PASS
				RB100#0	6.56	13	PASS



## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

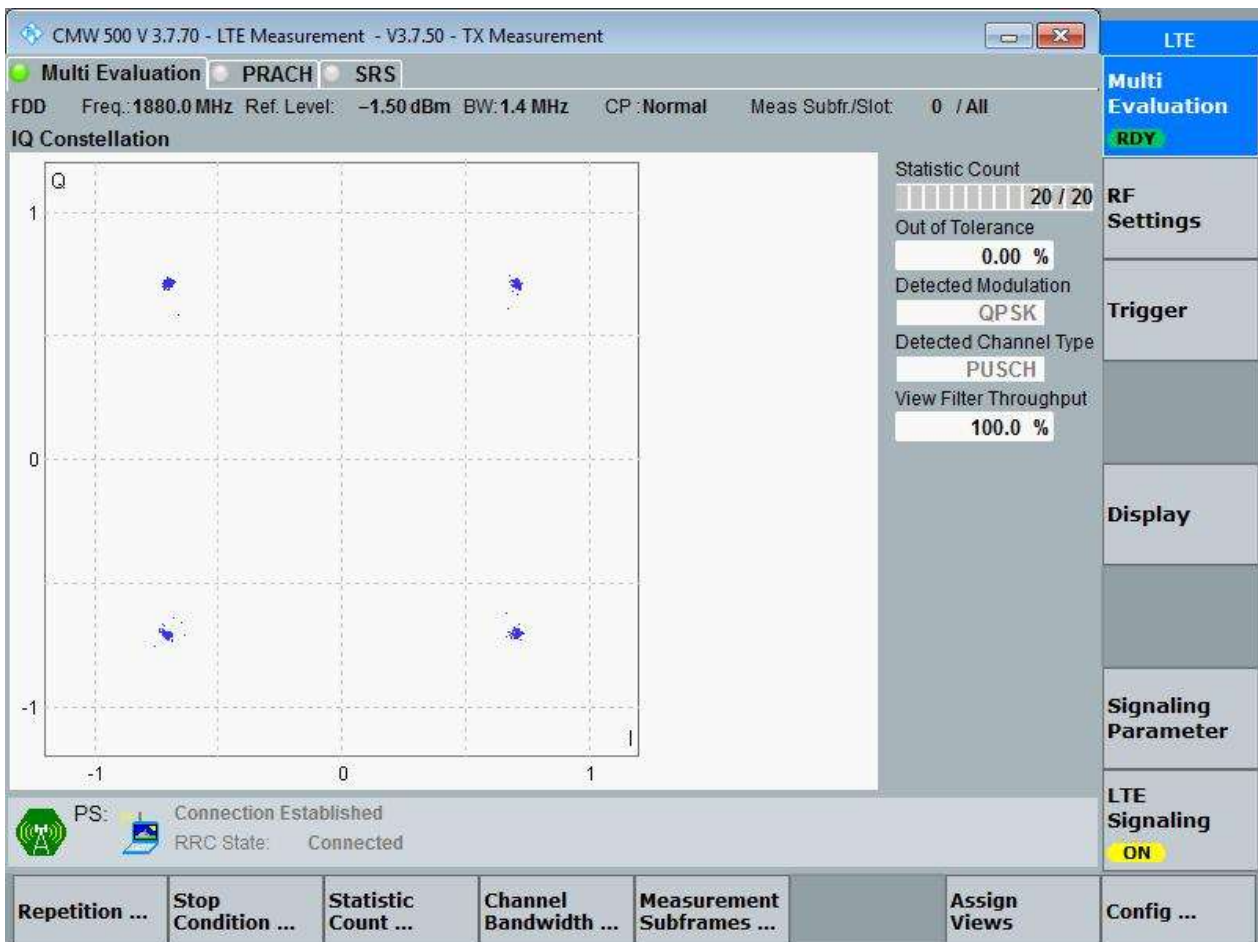
##### 3.1.1 Test Band = Band2

##### 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

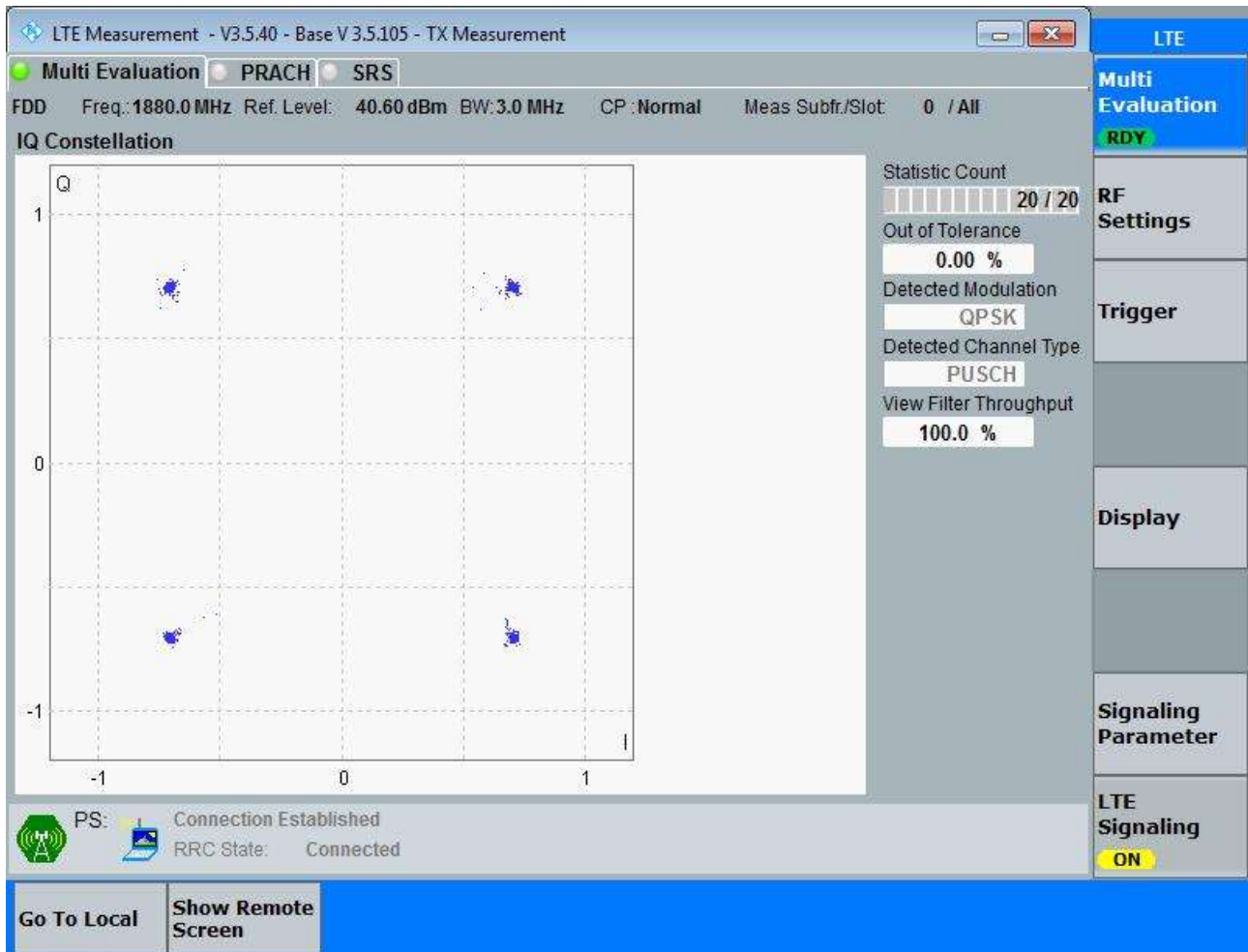
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

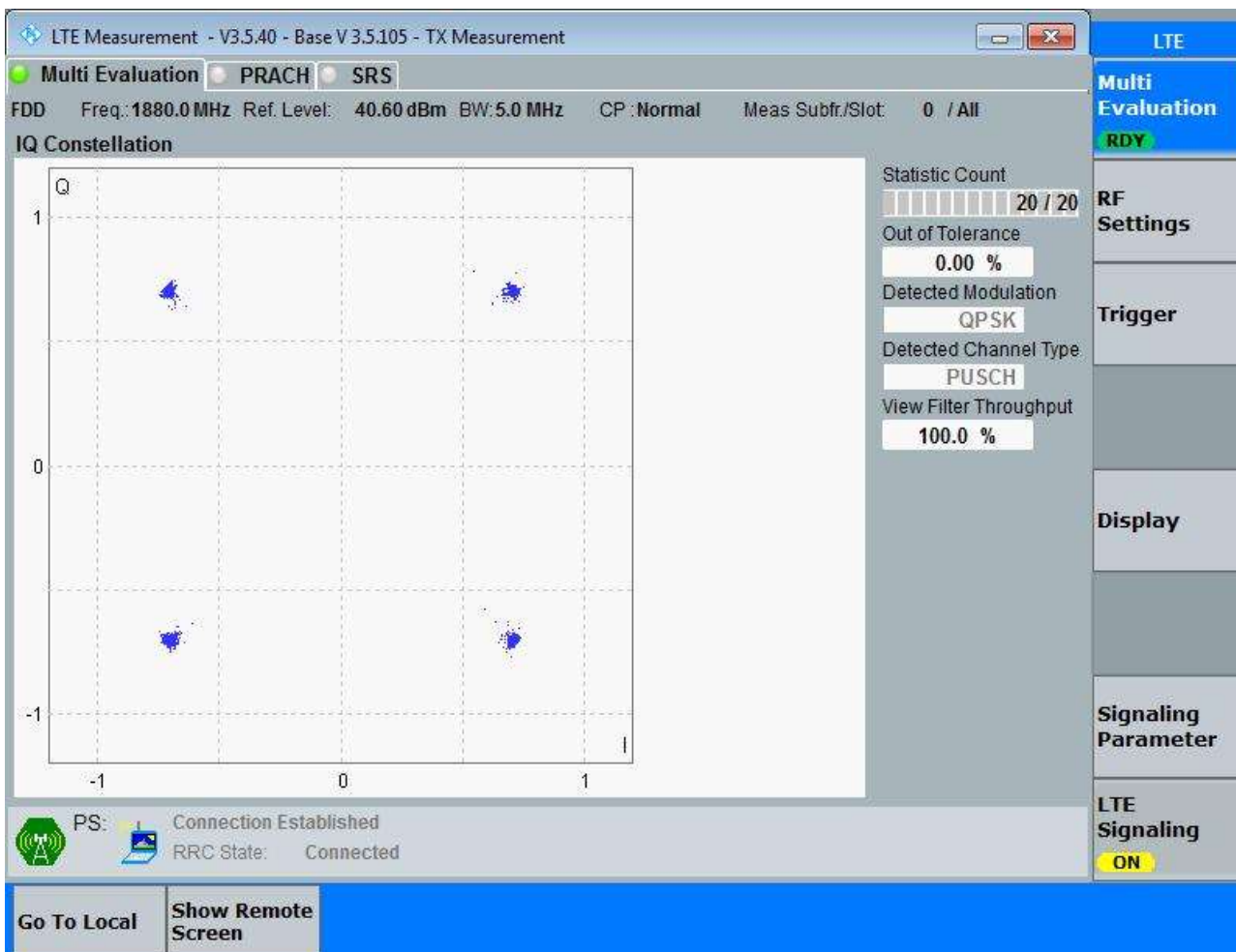
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

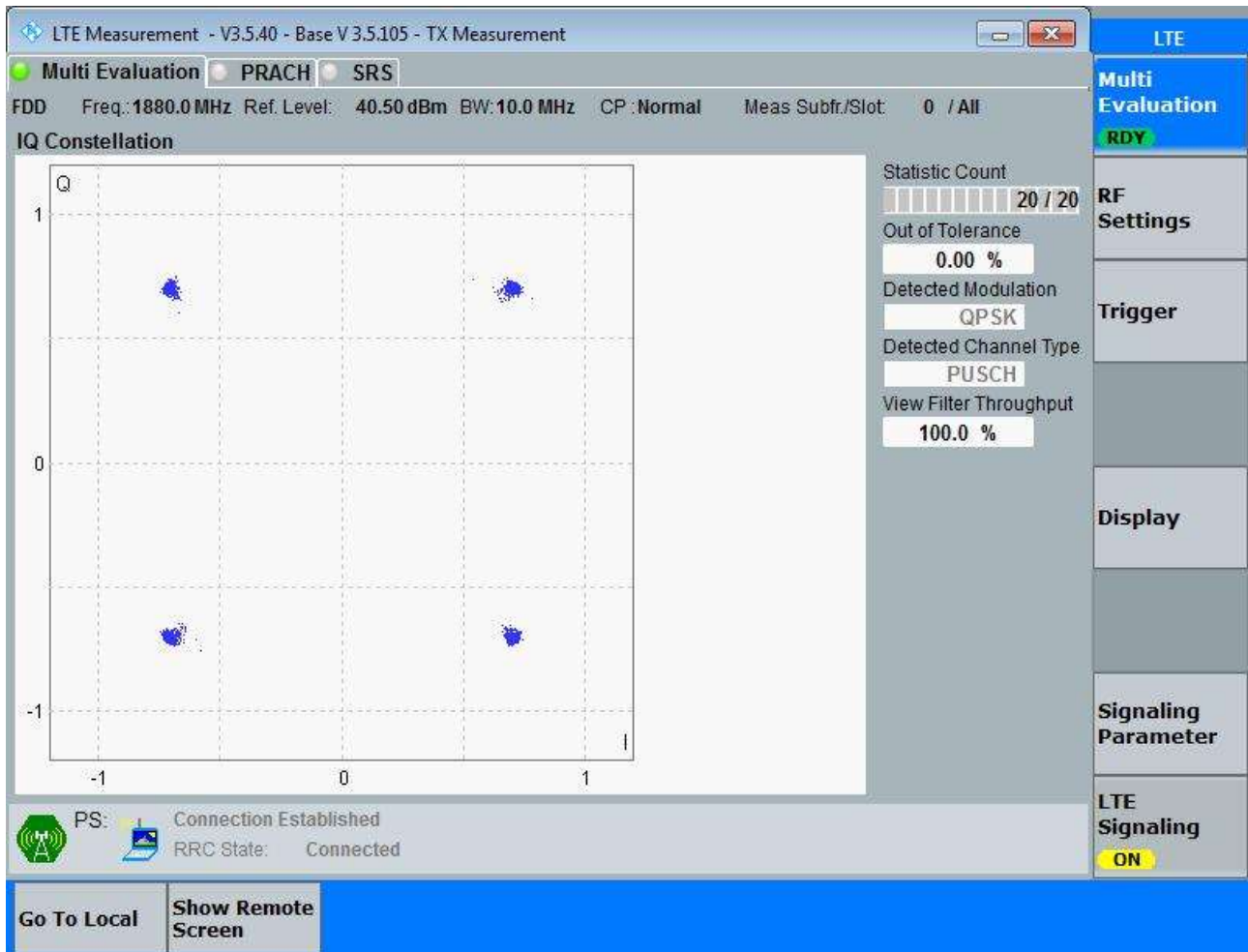
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

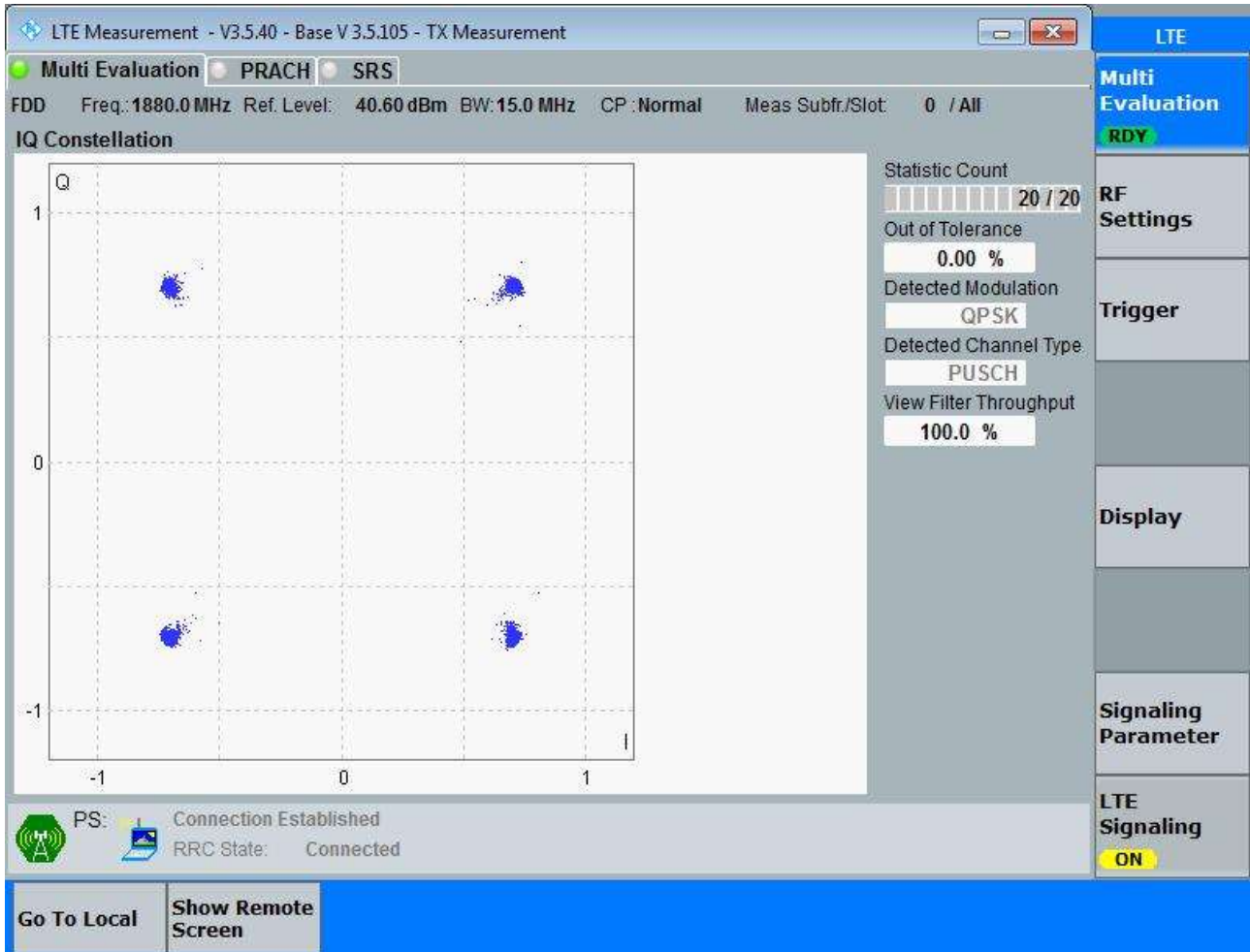
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

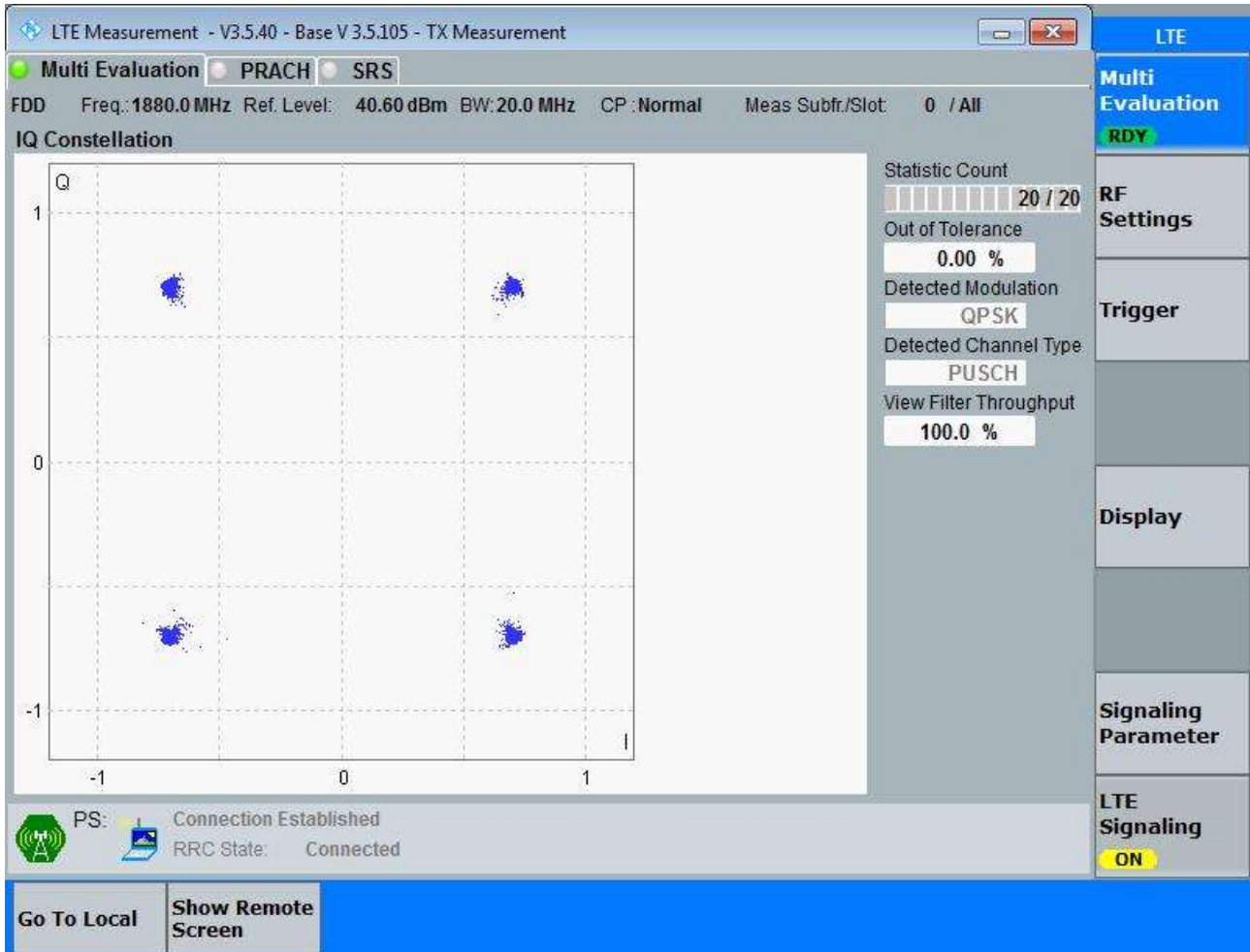
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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



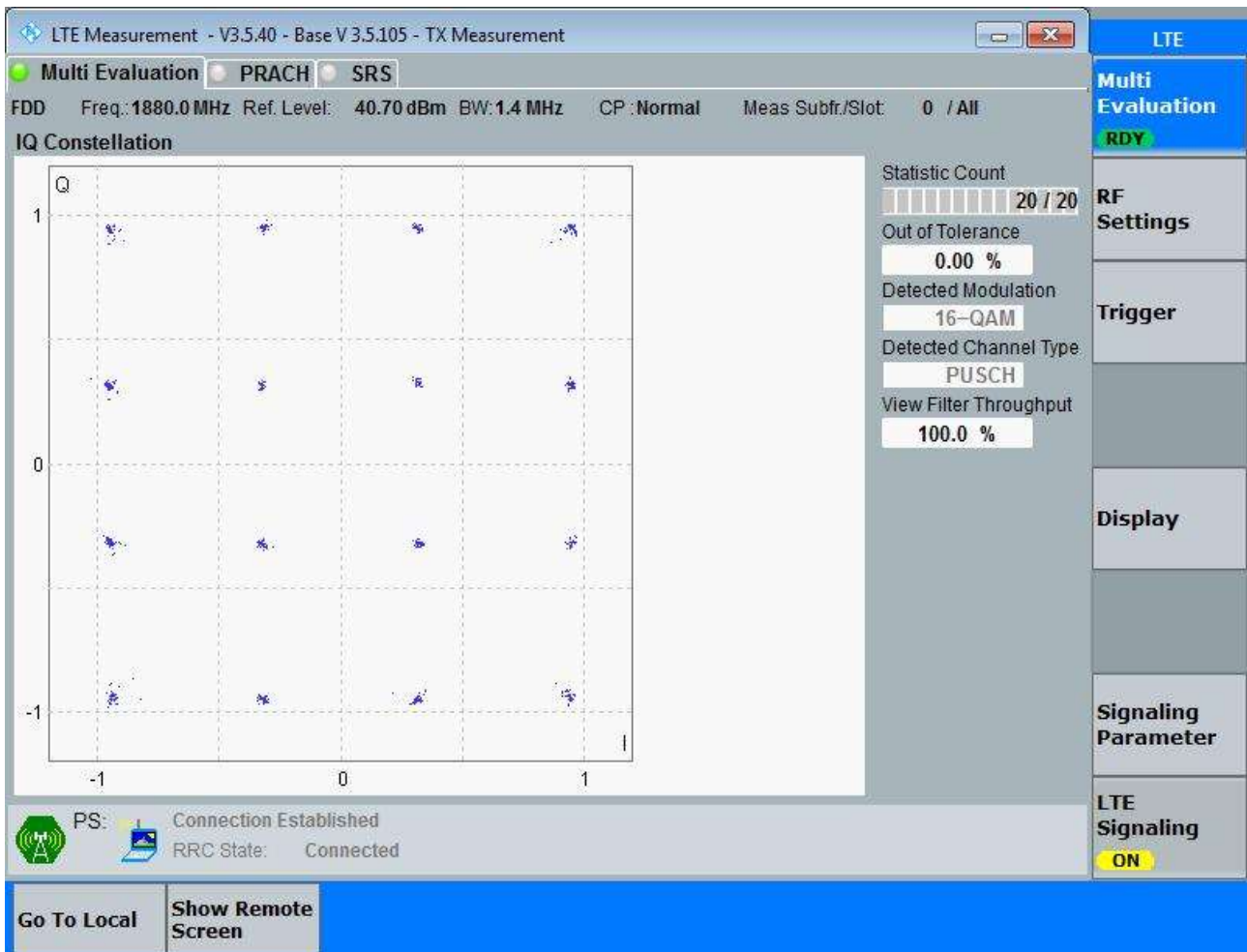


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

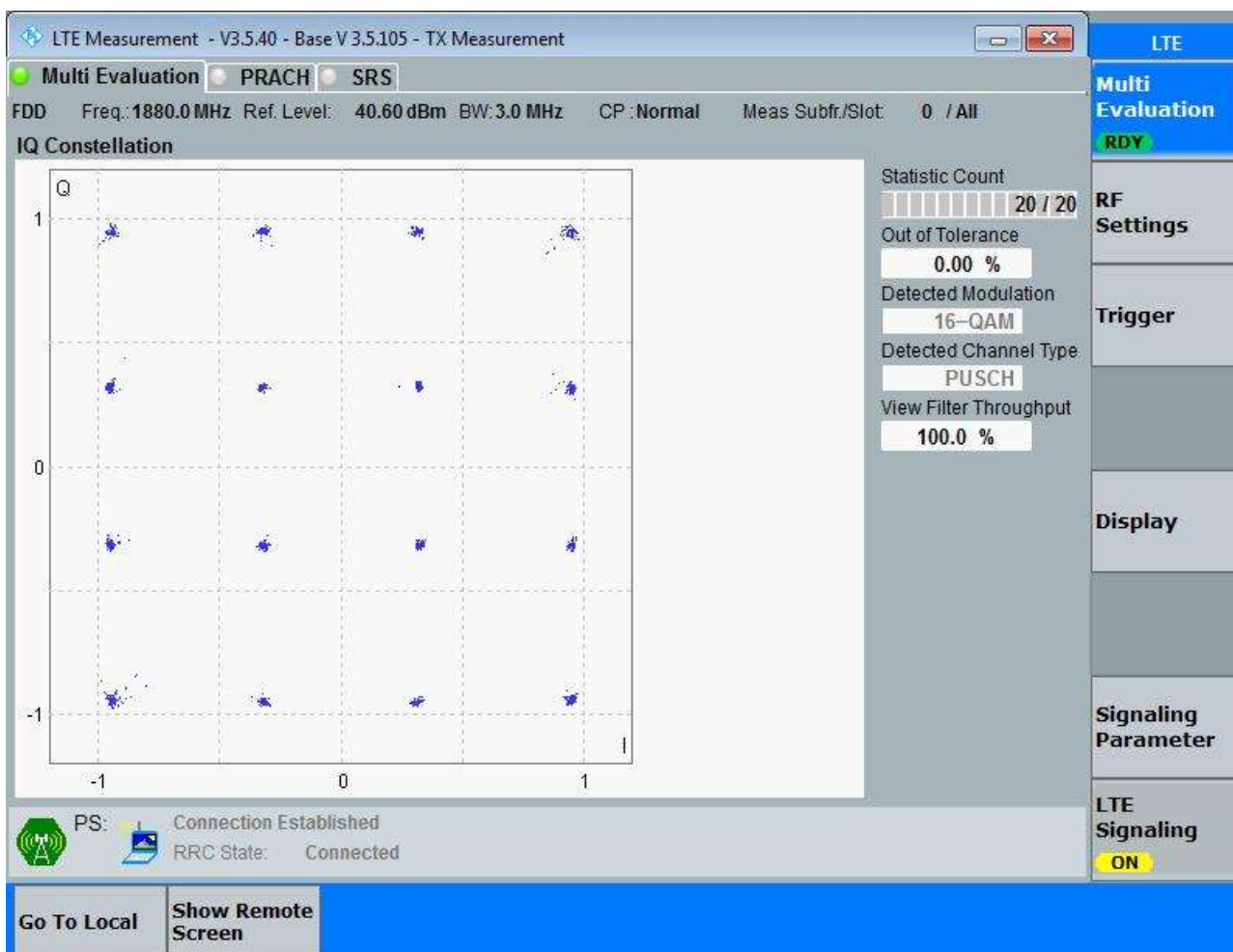
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 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

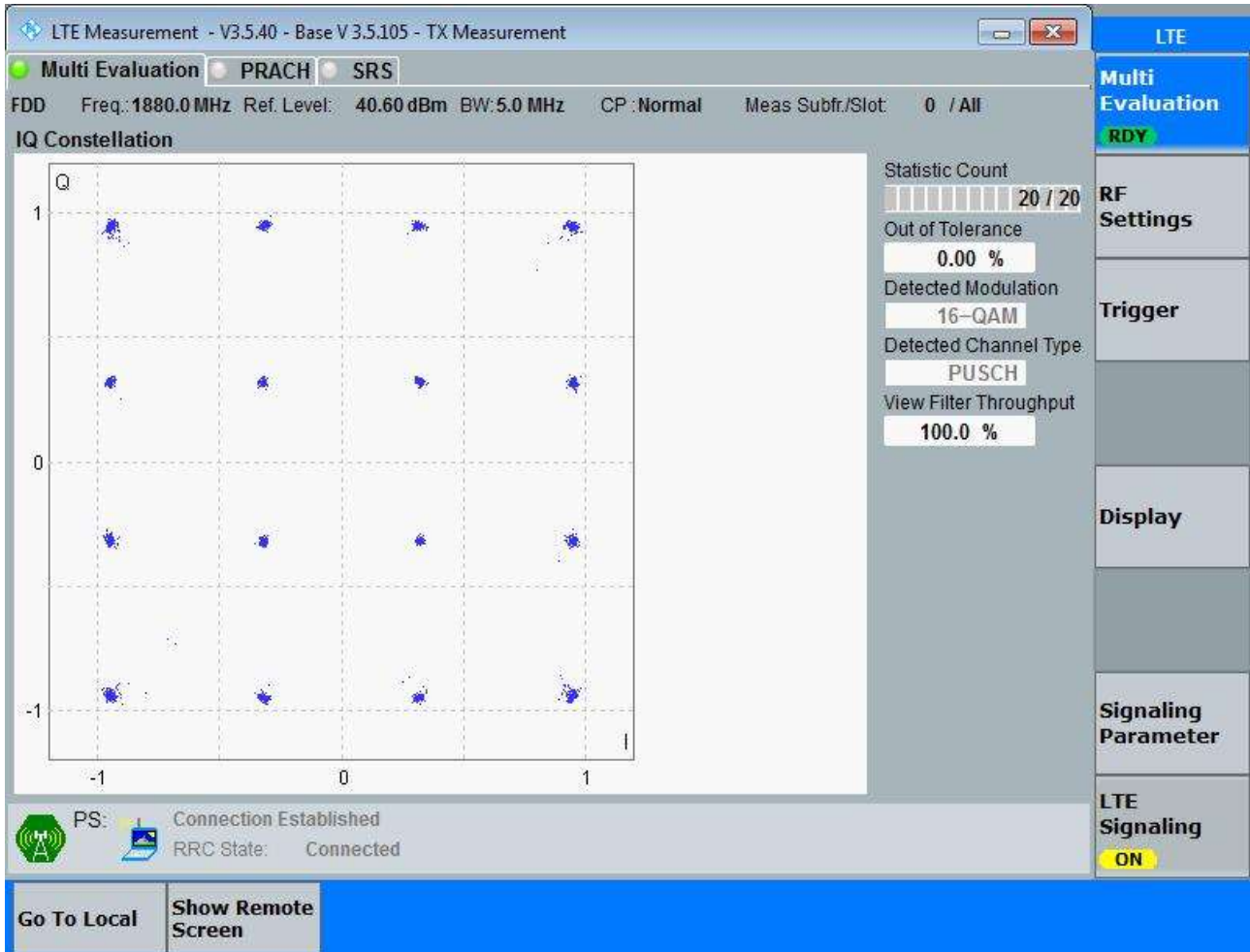




### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

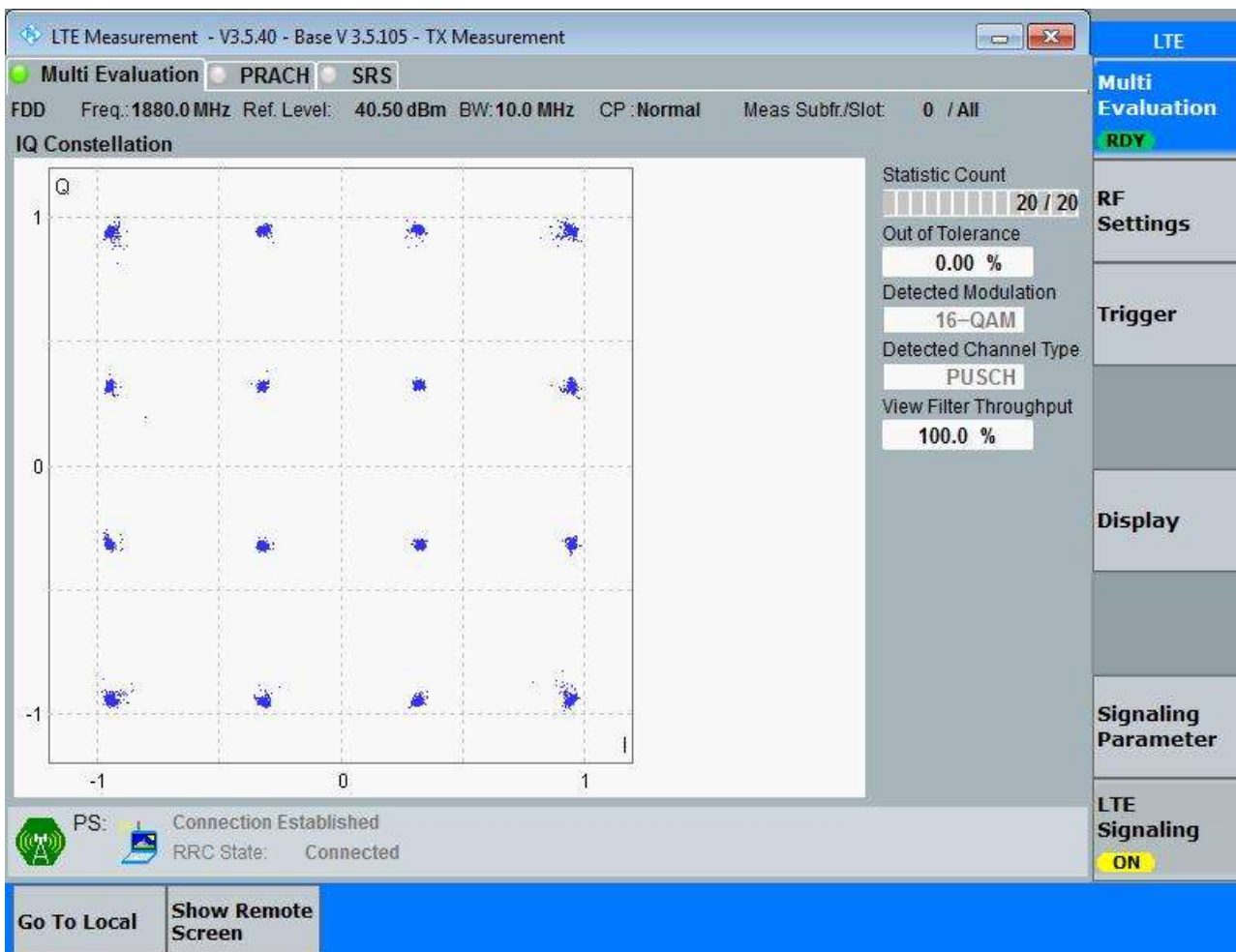
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

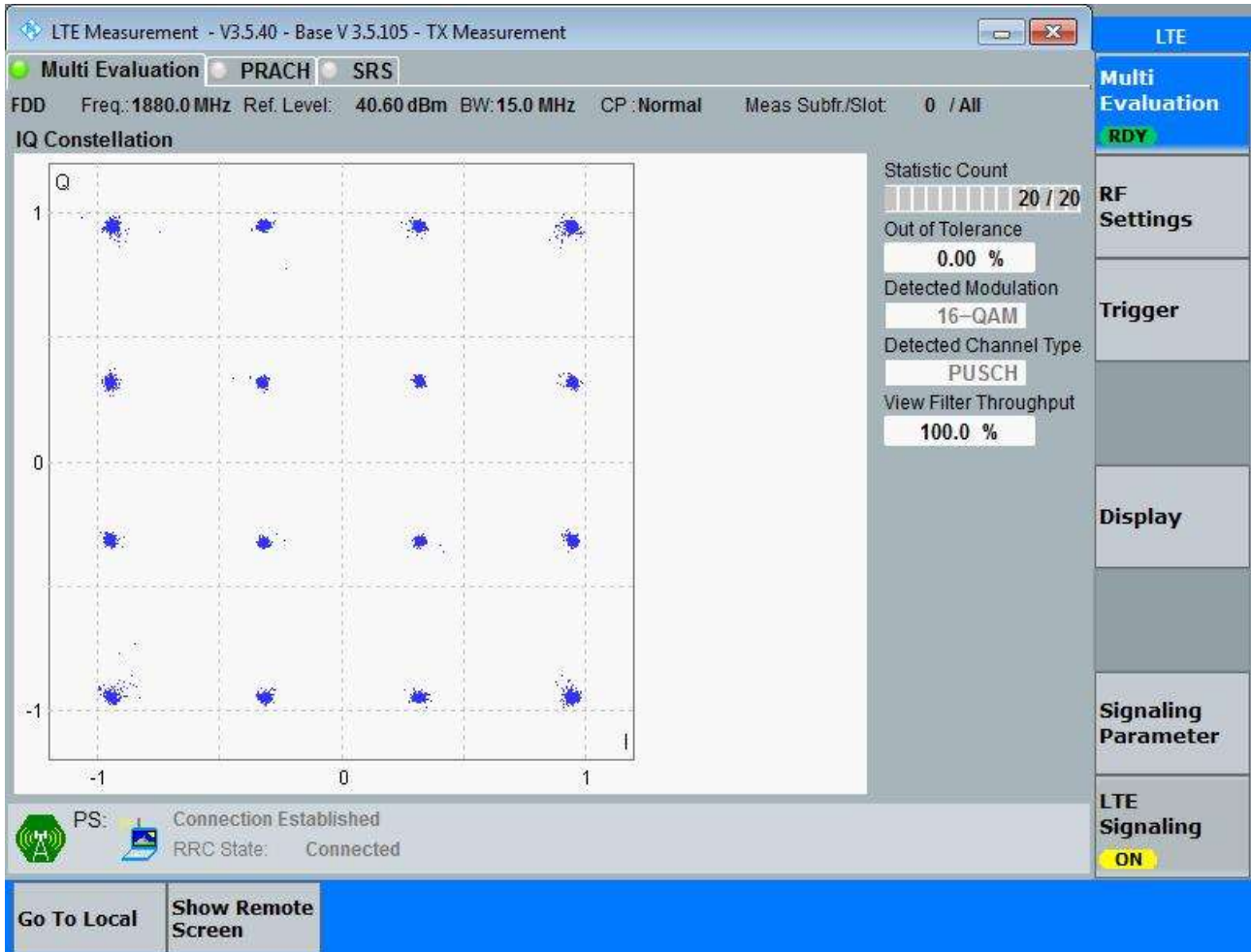
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

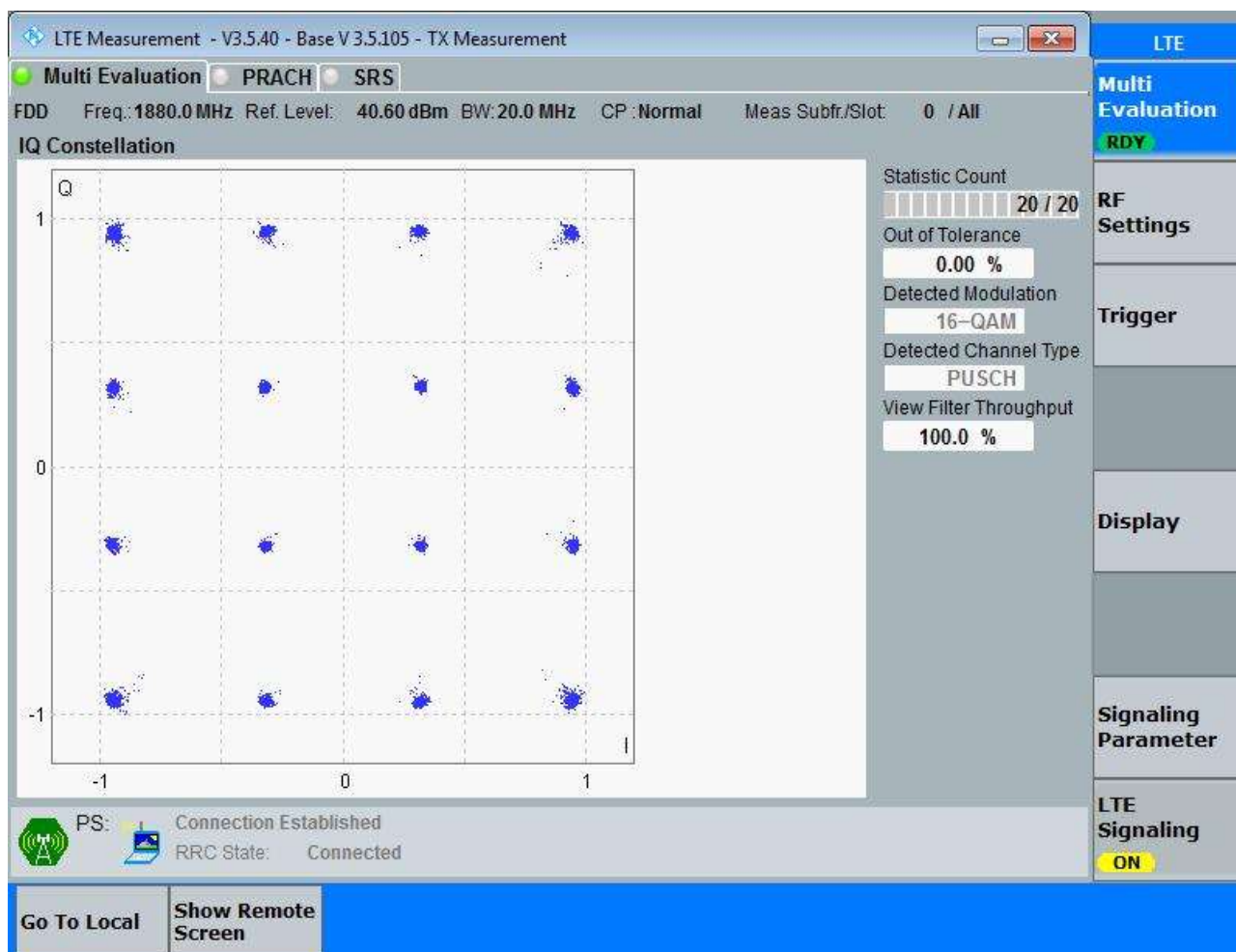
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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
Band2	LTE/TM1	1.4	LCH	RB6#0	1.10	1.27	Pass
			MCH	RB6#0	1.10	1.31	Pass
			HCH	RB6#0	1.09	1.32	Pass
		3	LCH	RB15#0	2.69	2.92	Pass
			MCH	RB15#0	2.69	2.93	Pass
			HCH	RB15#0	2.70	2.93	Pass
		5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.92	Pass
			HCH	RB25#0	4.53	5.15	Pass
		10	LCH	RB50#0	8.98	9.74	Pass
			MCH	RB50#0	9.01	9.75	Pass
			HCH	RB50#0	8.99	9.83	Pass
		15	LCH	RB75#0	13.47	14.53	Pass
			MCH	RB75#0	13.47	14.51	Pass
			HCH	RB75#0	13.45	14.61	Pass
		20	LCH	RB100#0	17.94	19.20	Pass
			MCH	RB100#0	17.95	19.23	Pass
			HCH	RB100#0	17.98	19.17	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.29	Pass
			MCH	RB6#0	1.09	1.27	Pass
			HCH	RB6#0	1.09	1.29	Pass
		3	LCH	RB15#0	2.69	2.91	Pass
			MCH	RB15#0	2.69	2.92	Pass
			HCH	RB15#0	2.69	2.93	Pass
		5	LCH	RB25#0	4.49	4.89	Pass
			MCH	RB25#0	4.49	4.90	Pass
			HCH	RB25#0	4.50	4.94	Pass
		10	LCH	RB50#0	9.00	9.73	Pass
			MCH	RB50#0	8.97	9.78	Pass
			HCH	RB50#0	8.99	9.76	Pass
15		LCH	RB75#0	13.43	14.54	Pass	
		MCH	RB75#0	13.46	14.59	Pass	
		HCH	RB75#0	13.48	14.45	Pass	
20		LCH	RB100#0	17.94	19.31	Pass	
		MCH	RB100#0	17.97	19.39	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	17.94	19.24	Pass

Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = Band2

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

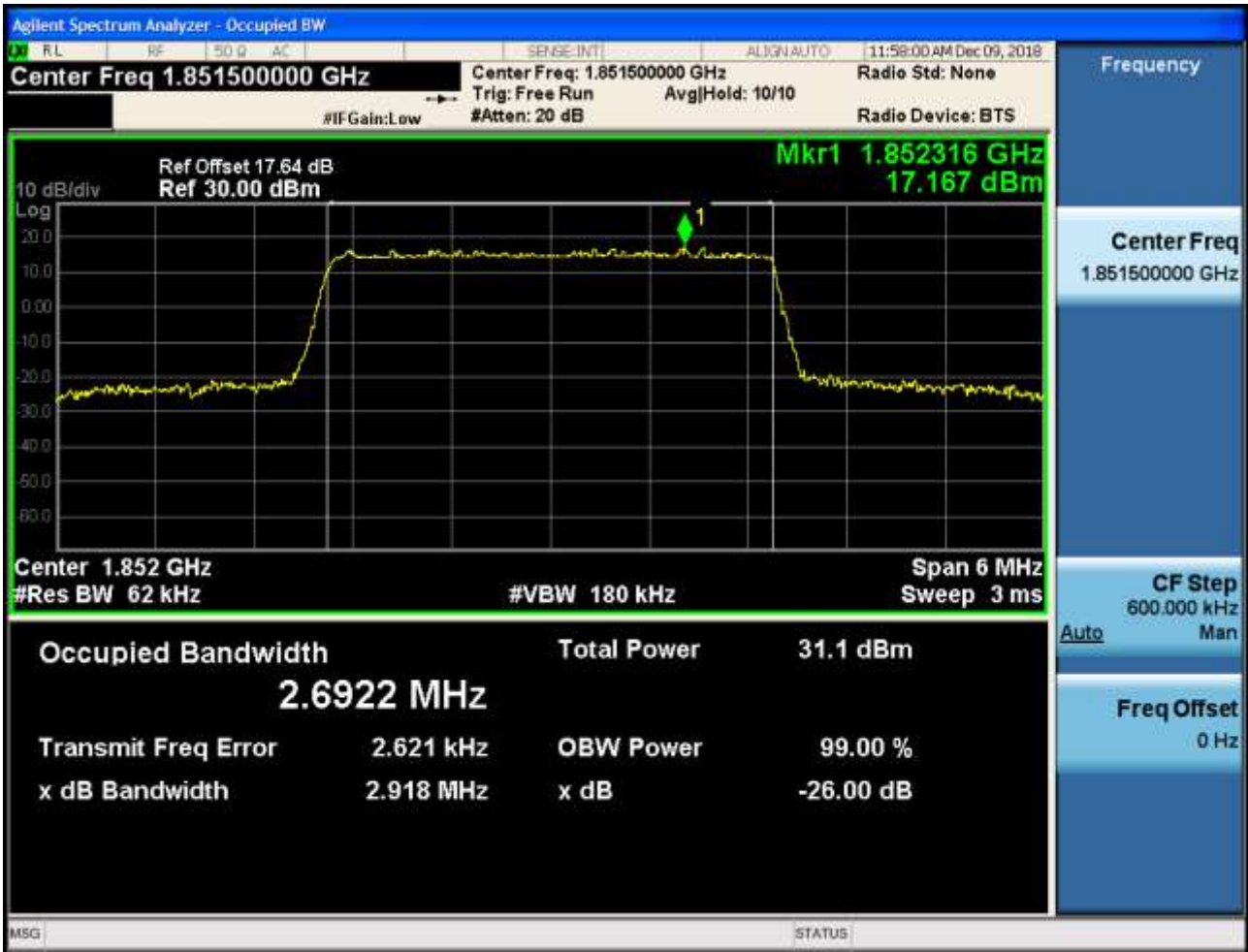
4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

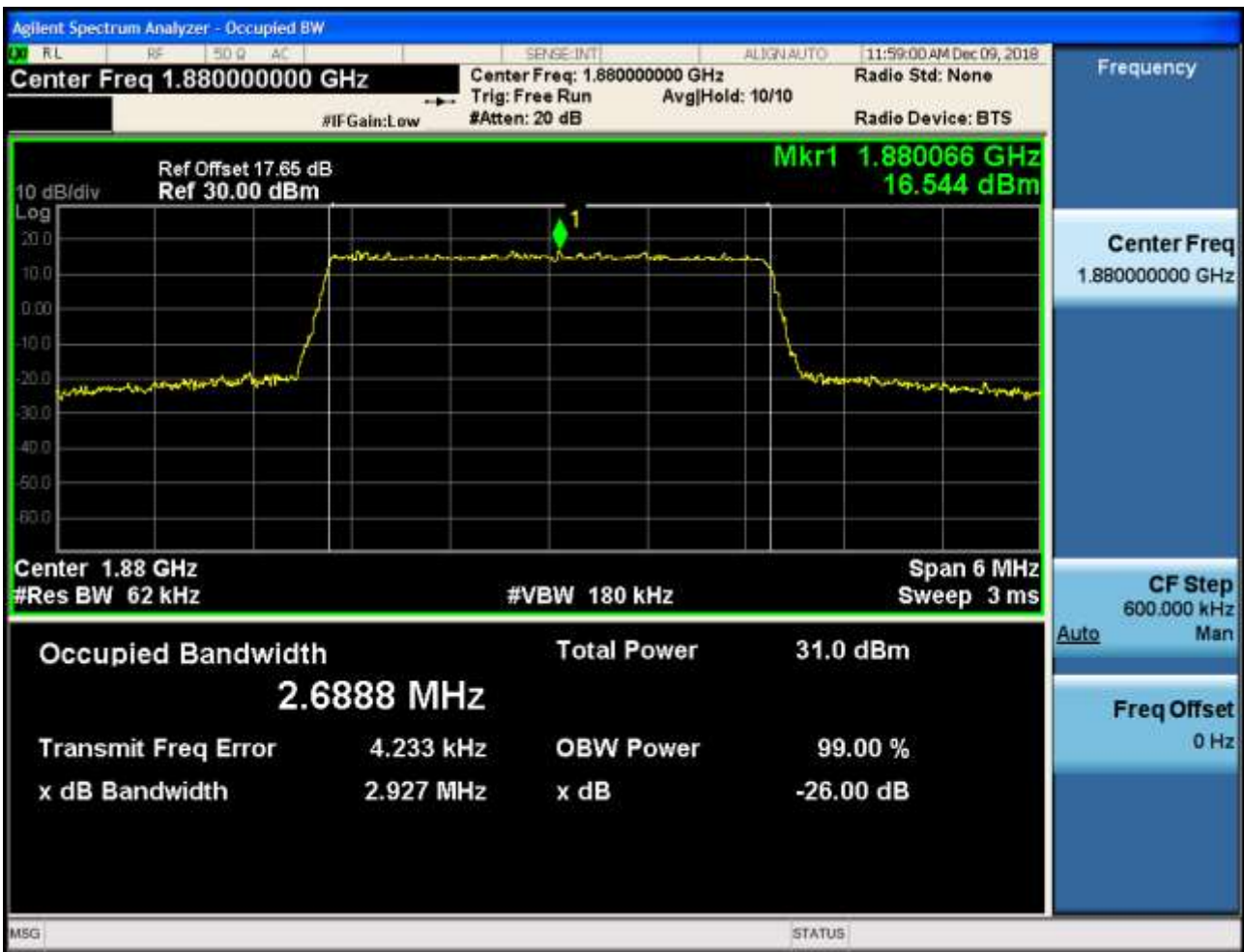
4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0



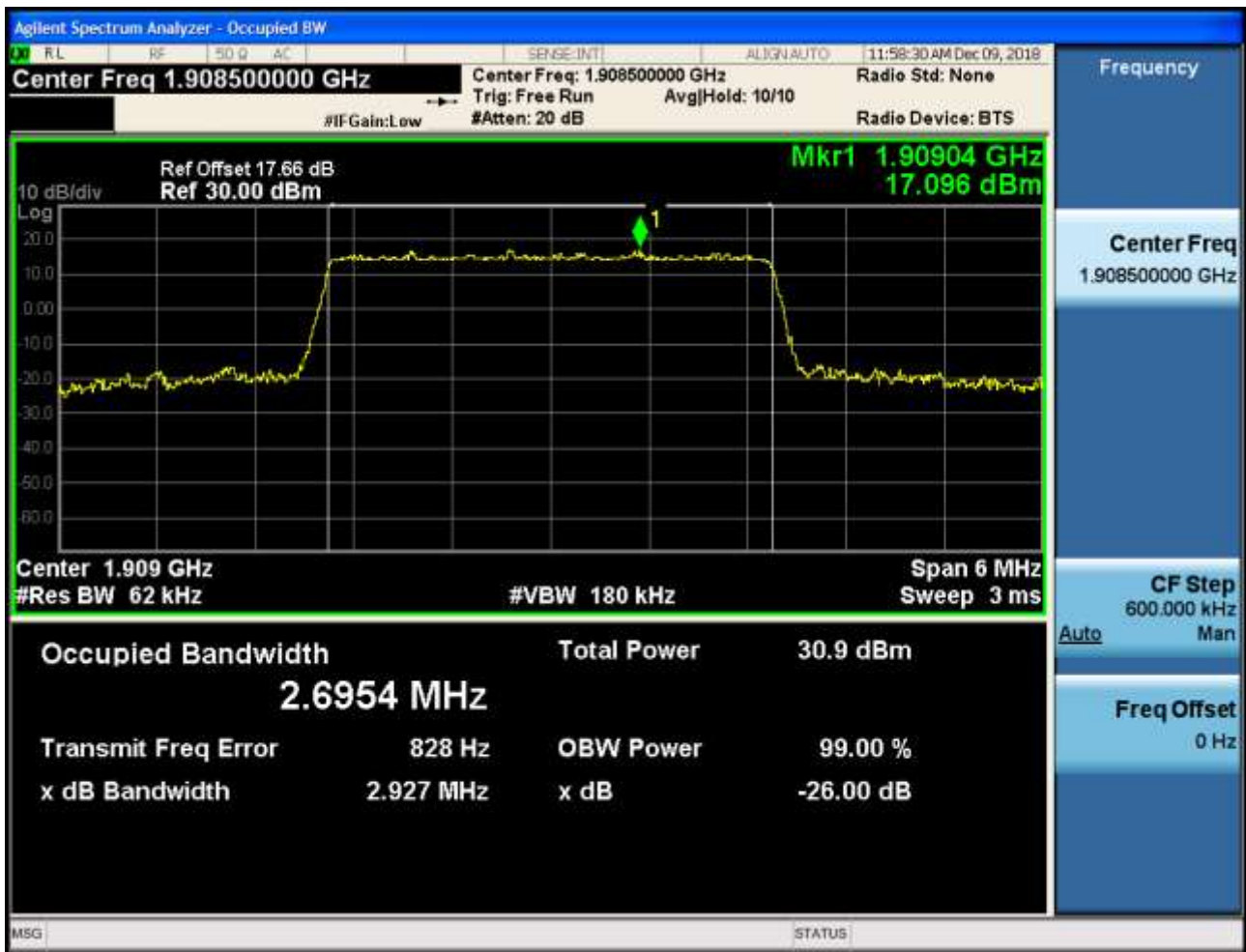
4.1.1.1.2.2 Test Channel = MCH

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

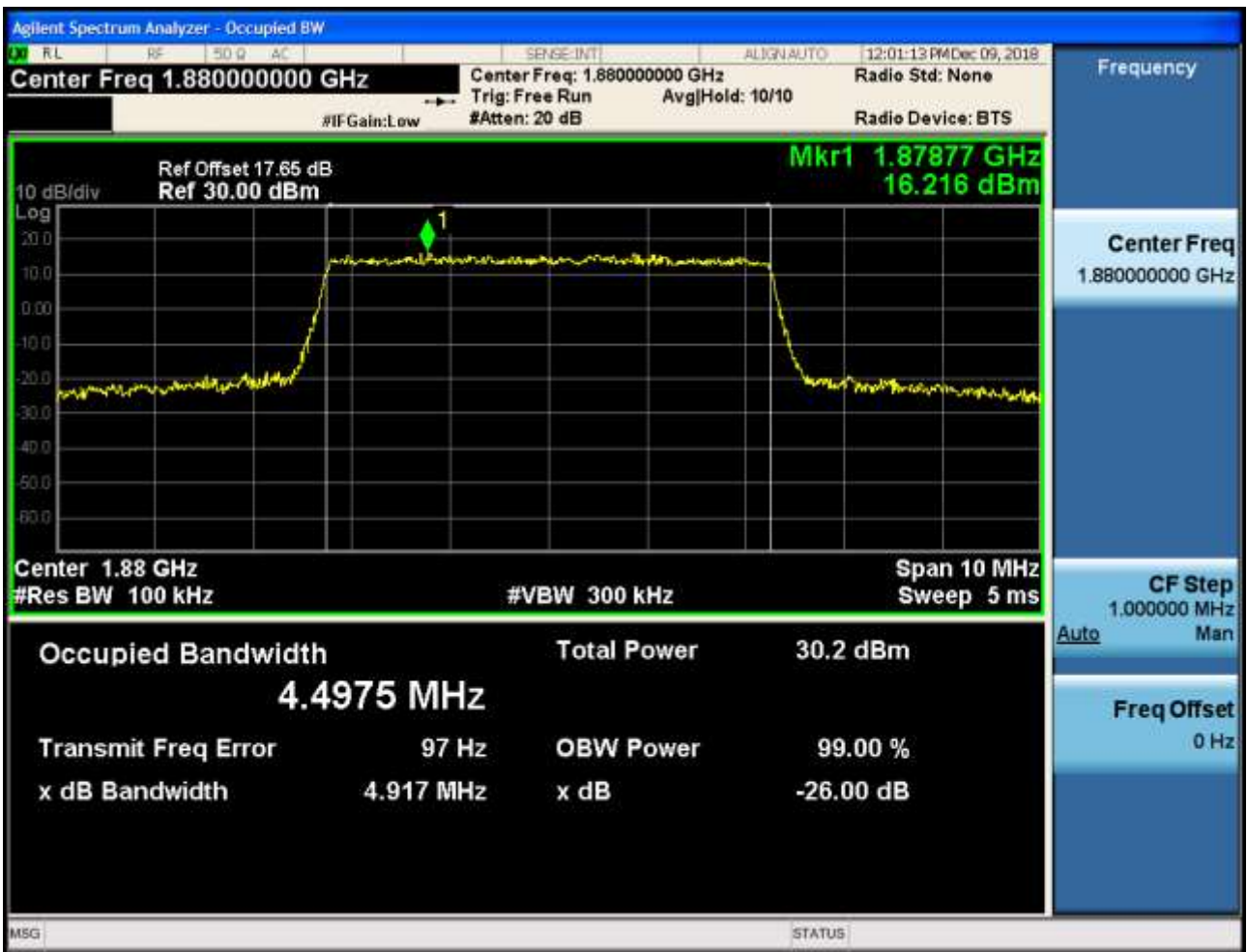
4.1.1.1.3.1.1 Test RB = RB25#0





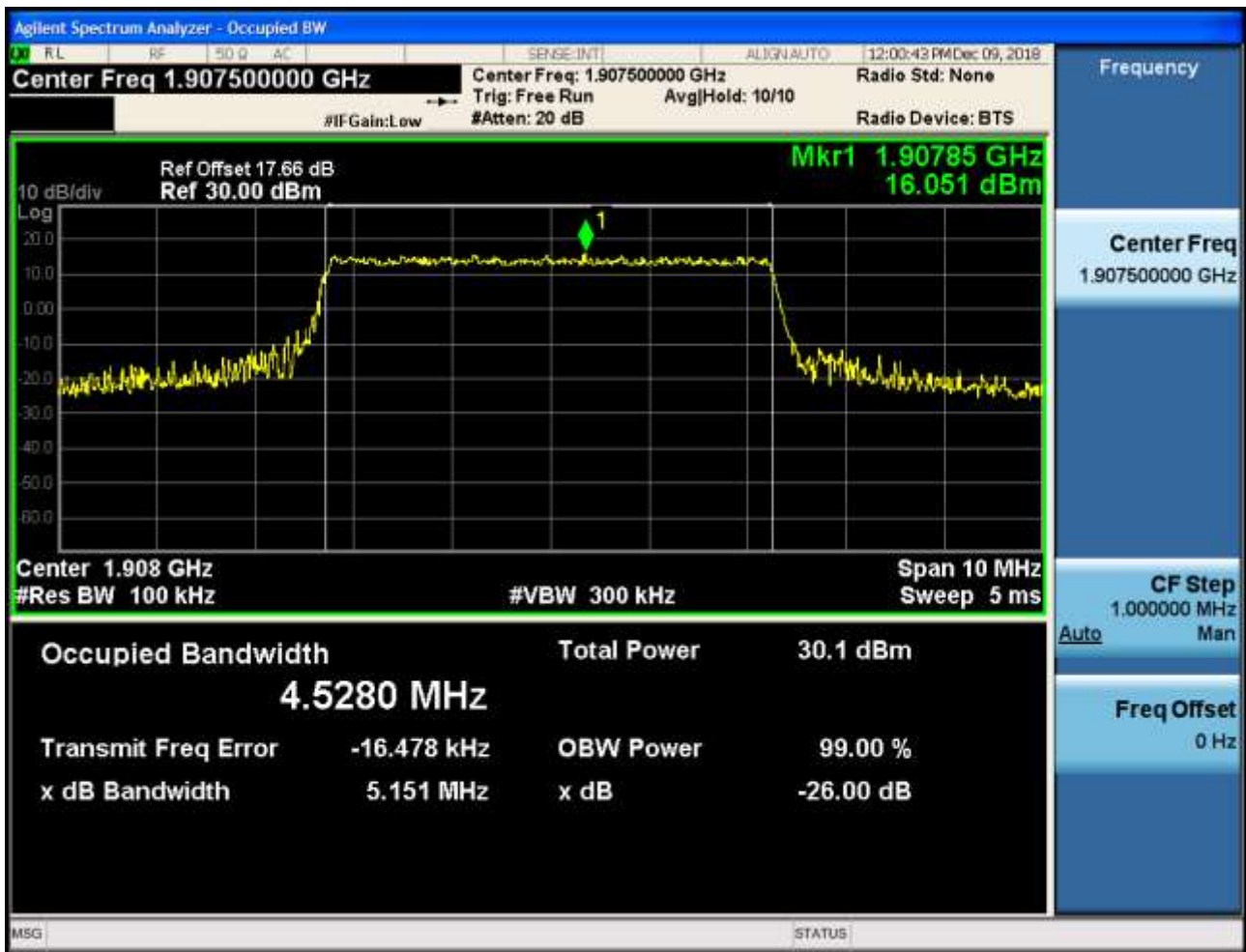
4.1.1.1.3.2 Test Channel = MCH

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

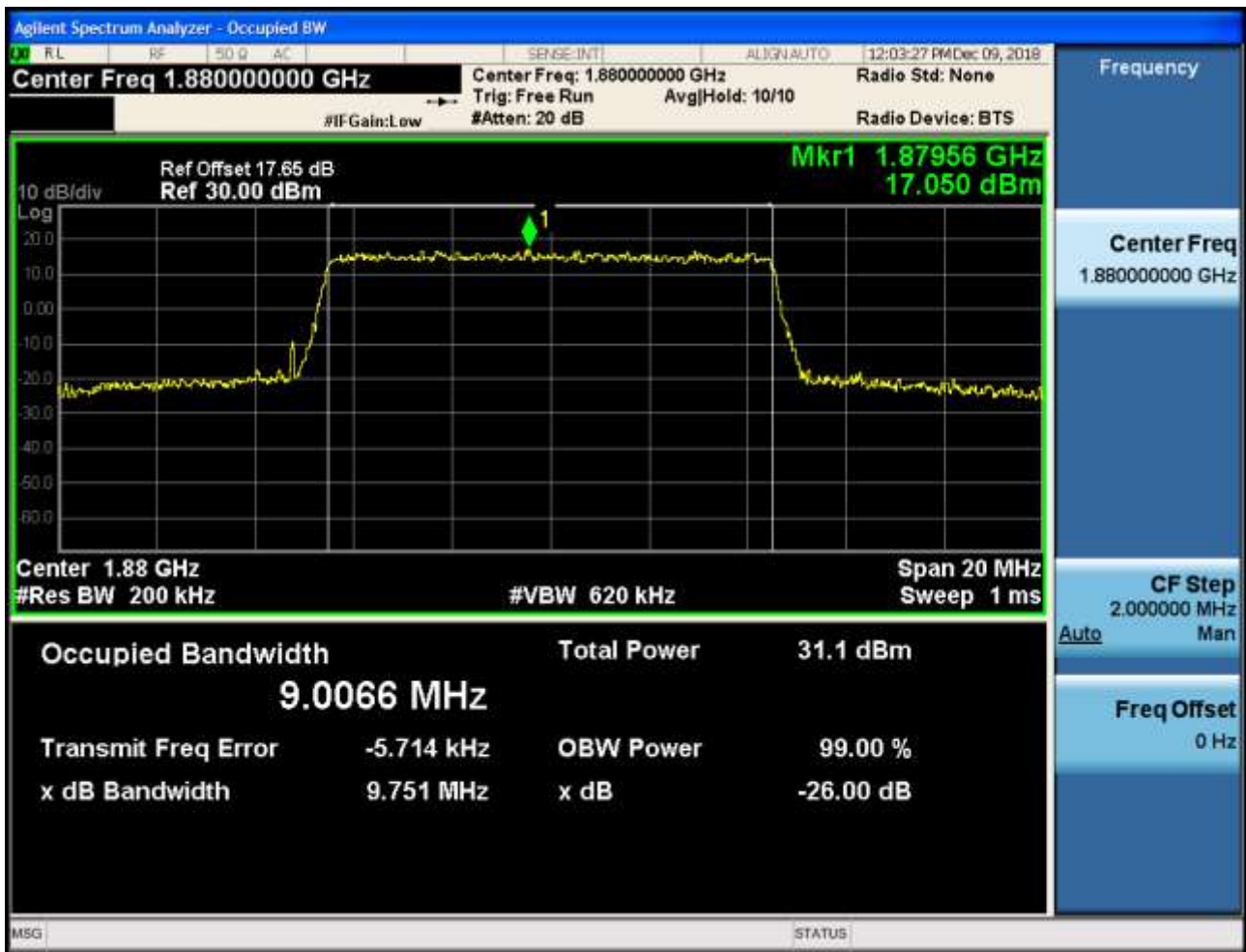
4.1.1.1.4.1.1 Test RB = RB50#0





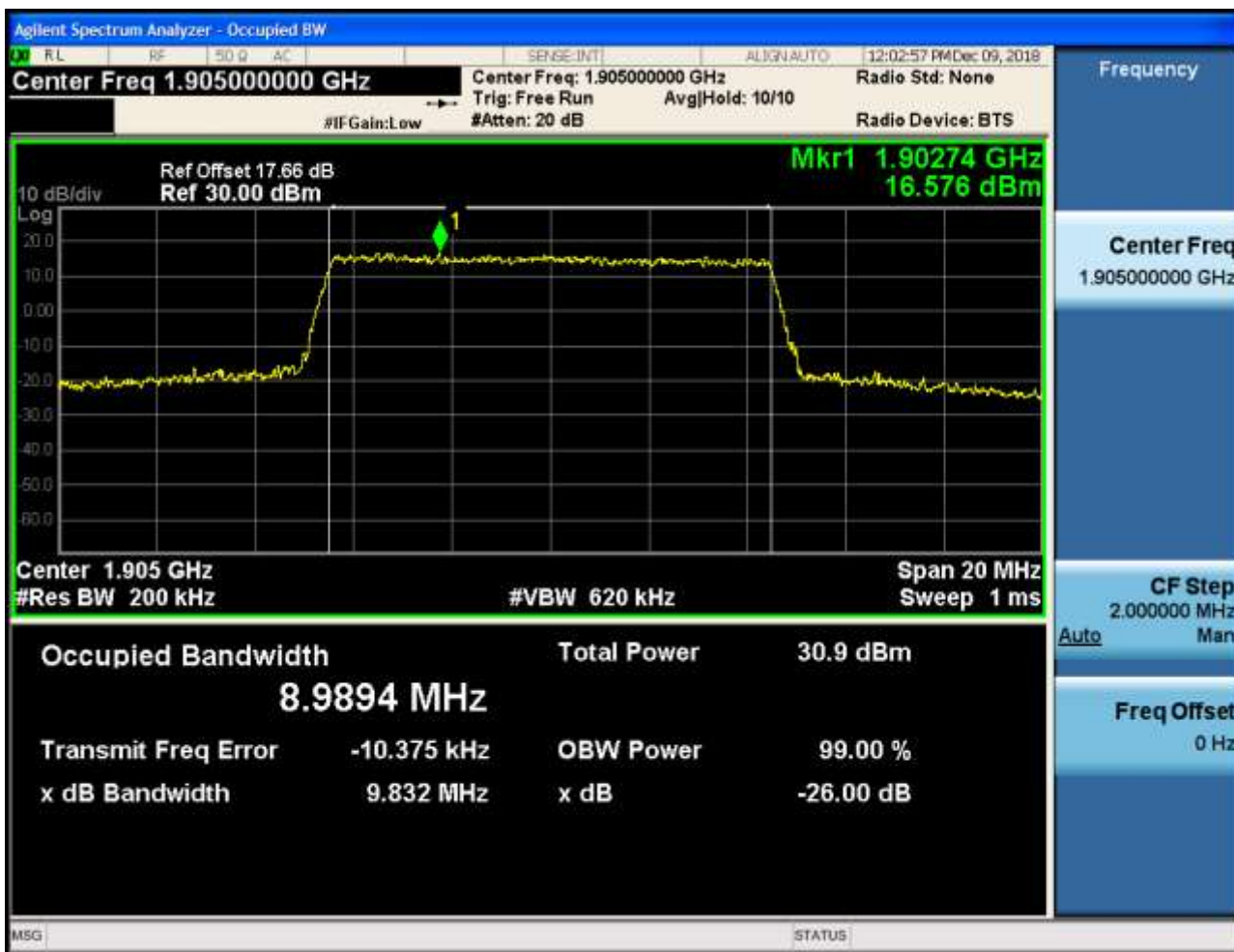
## 4.1.1.1.4.2 Test Channel = MCH

## 4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

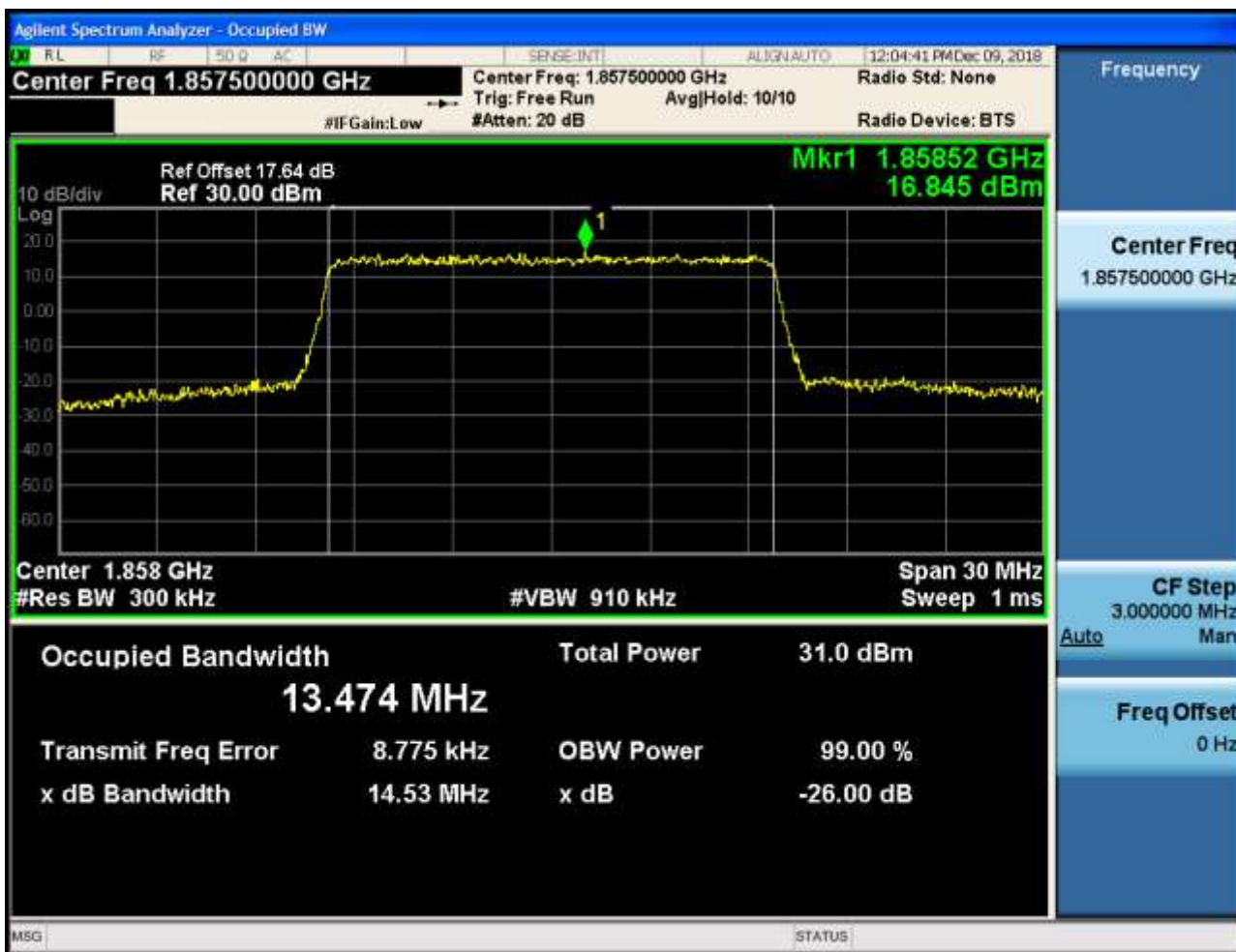
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

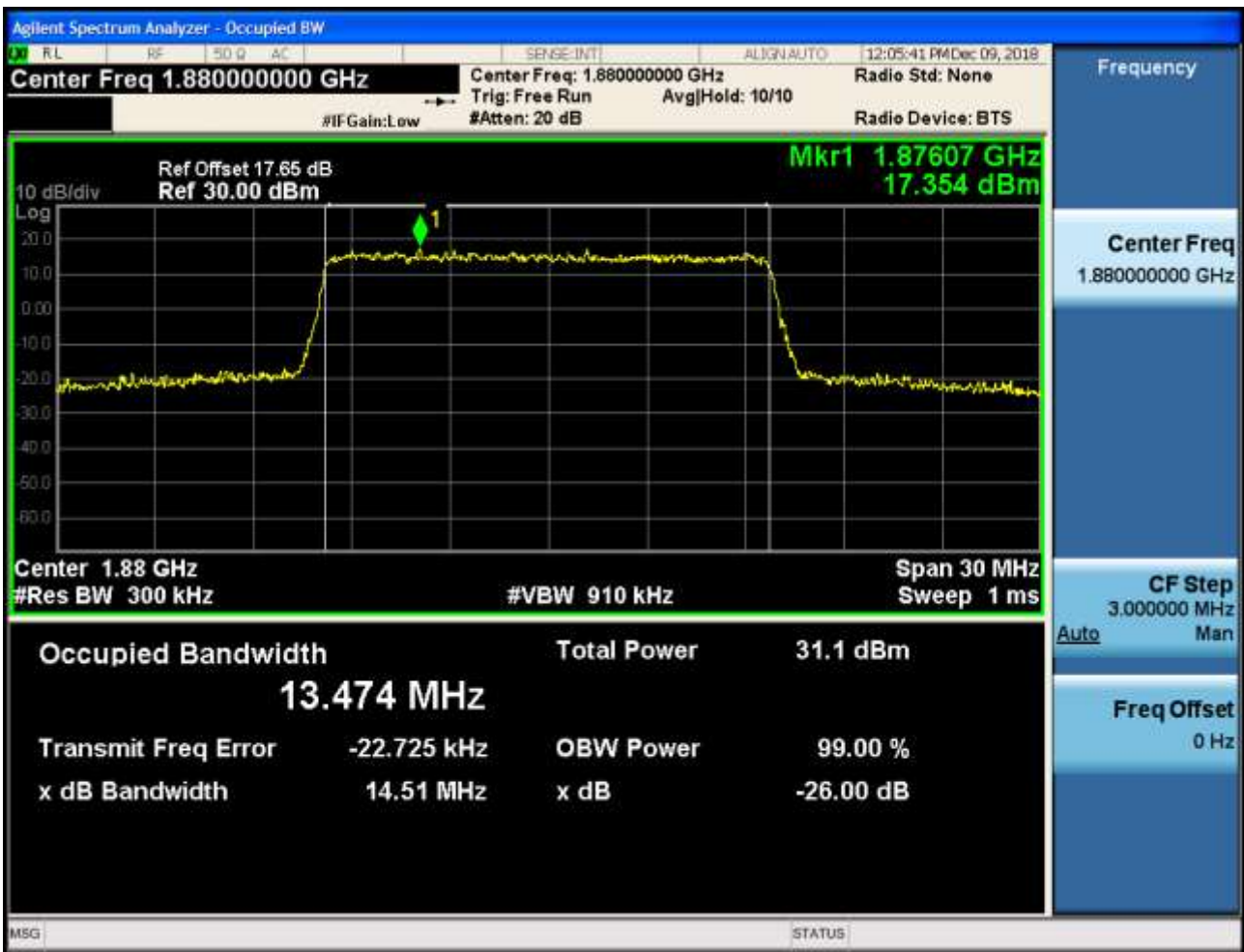
4.1.1.1.5.1 Test Channel = LCH

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

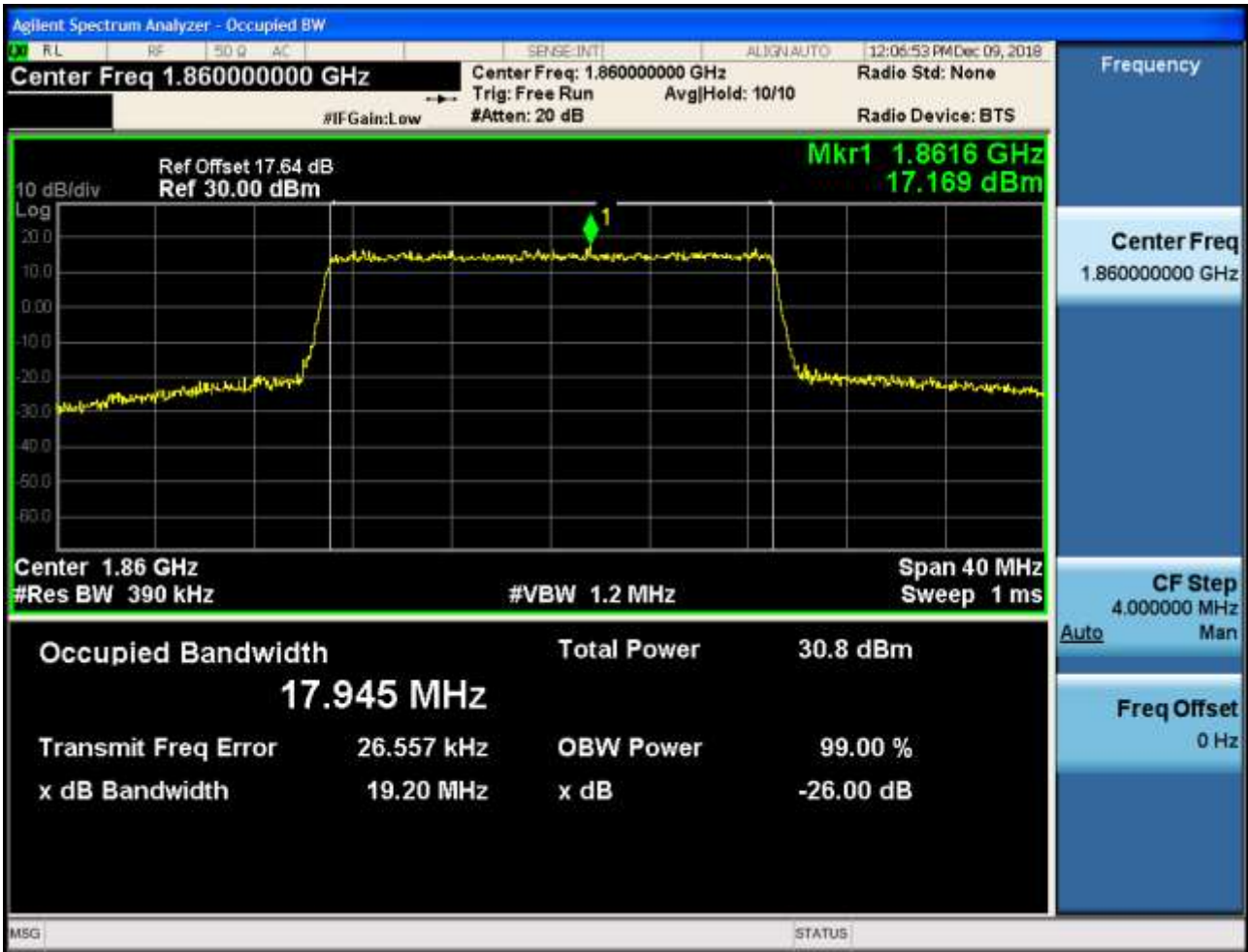




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0



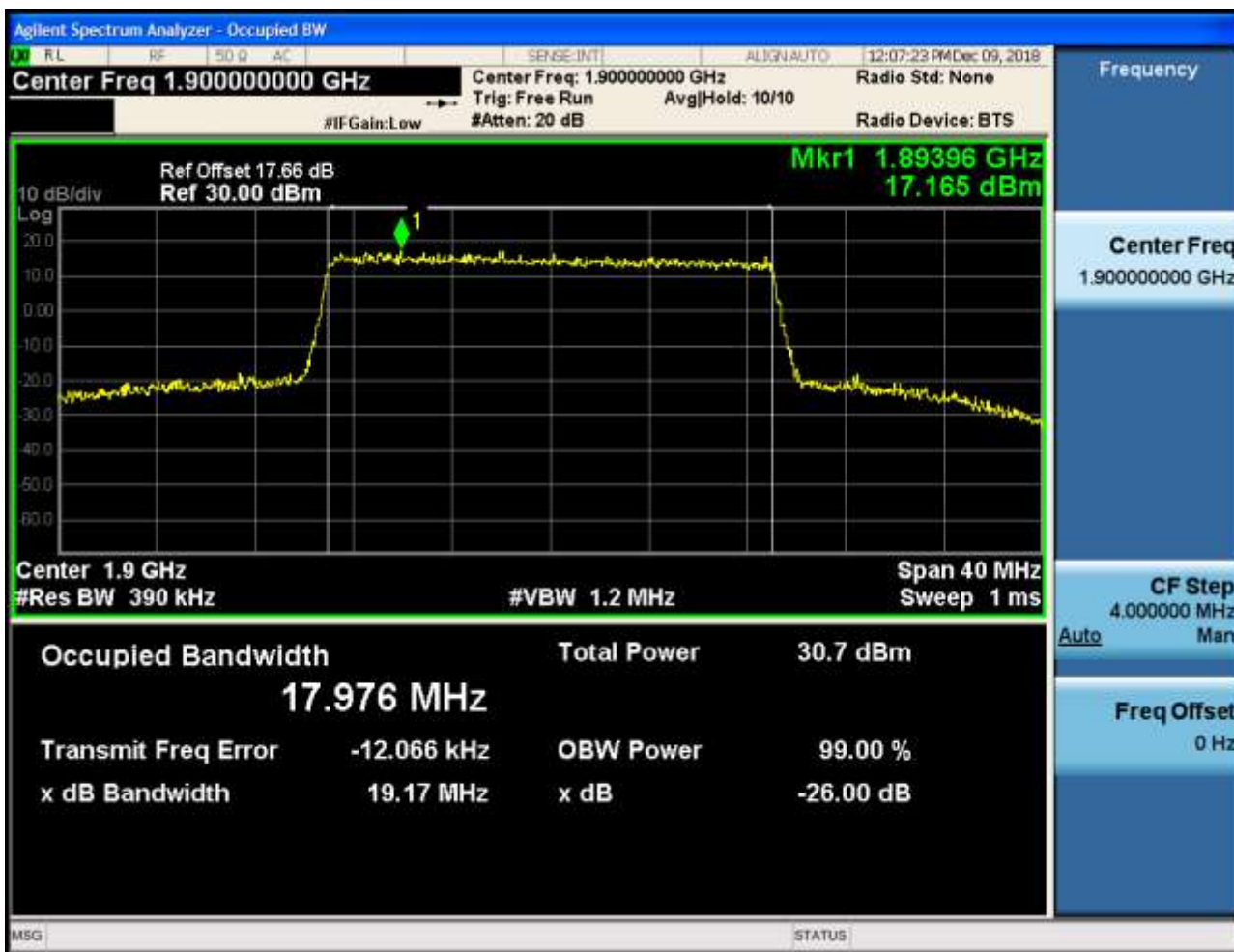
4.1.1.1.6.2 Test Channel = MCH

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

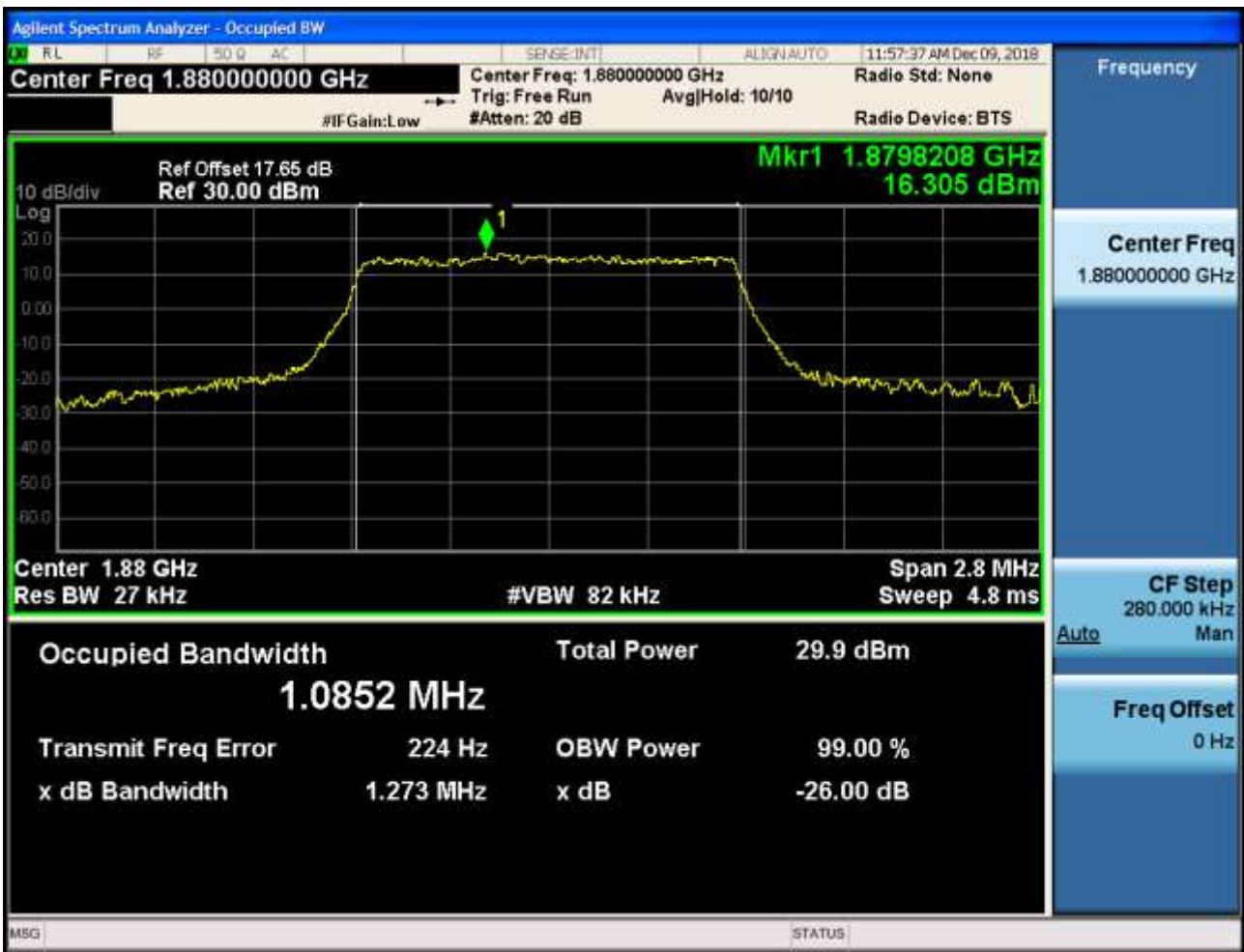
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0



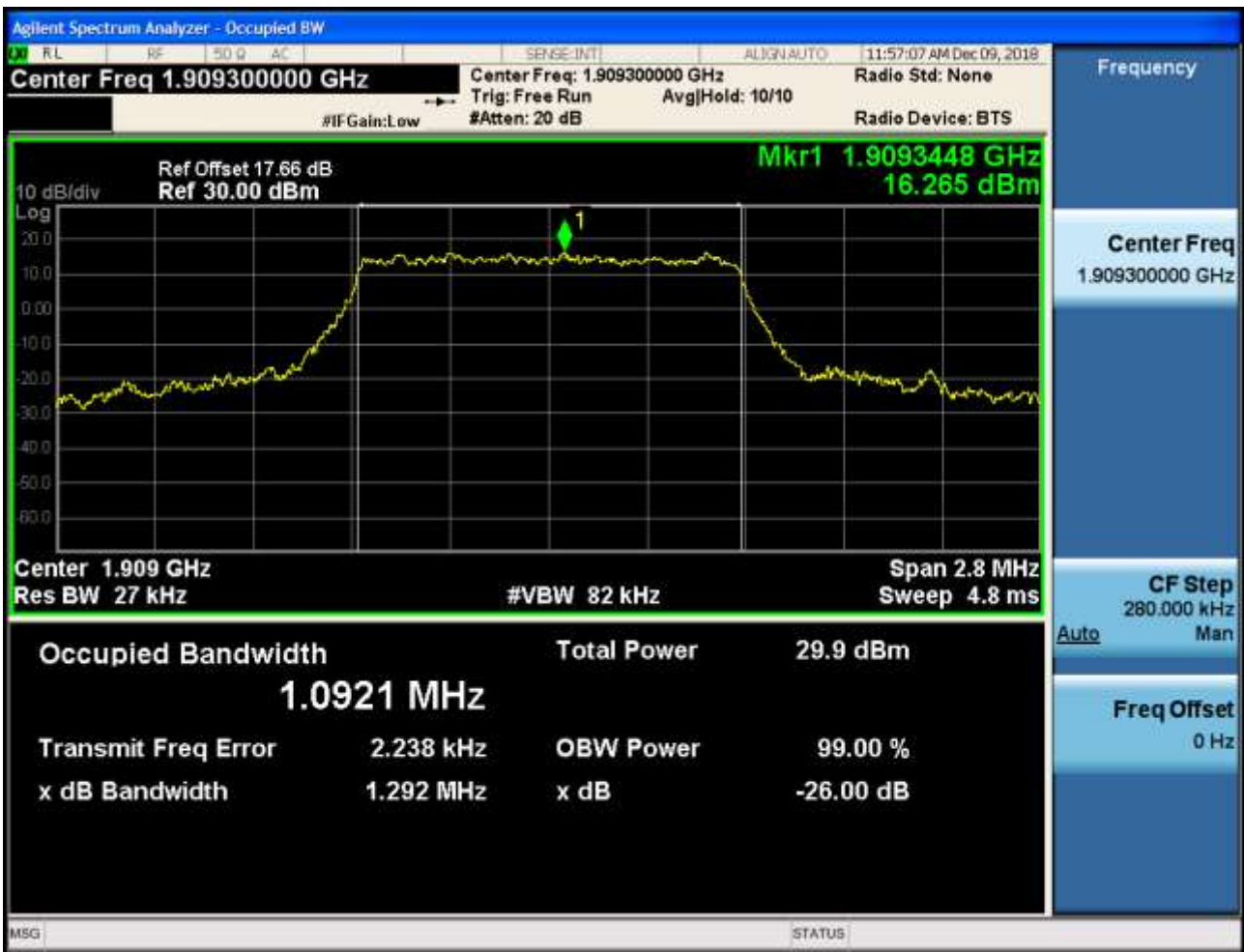
4.1.1.2.1.2 Test Channel = MCH

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

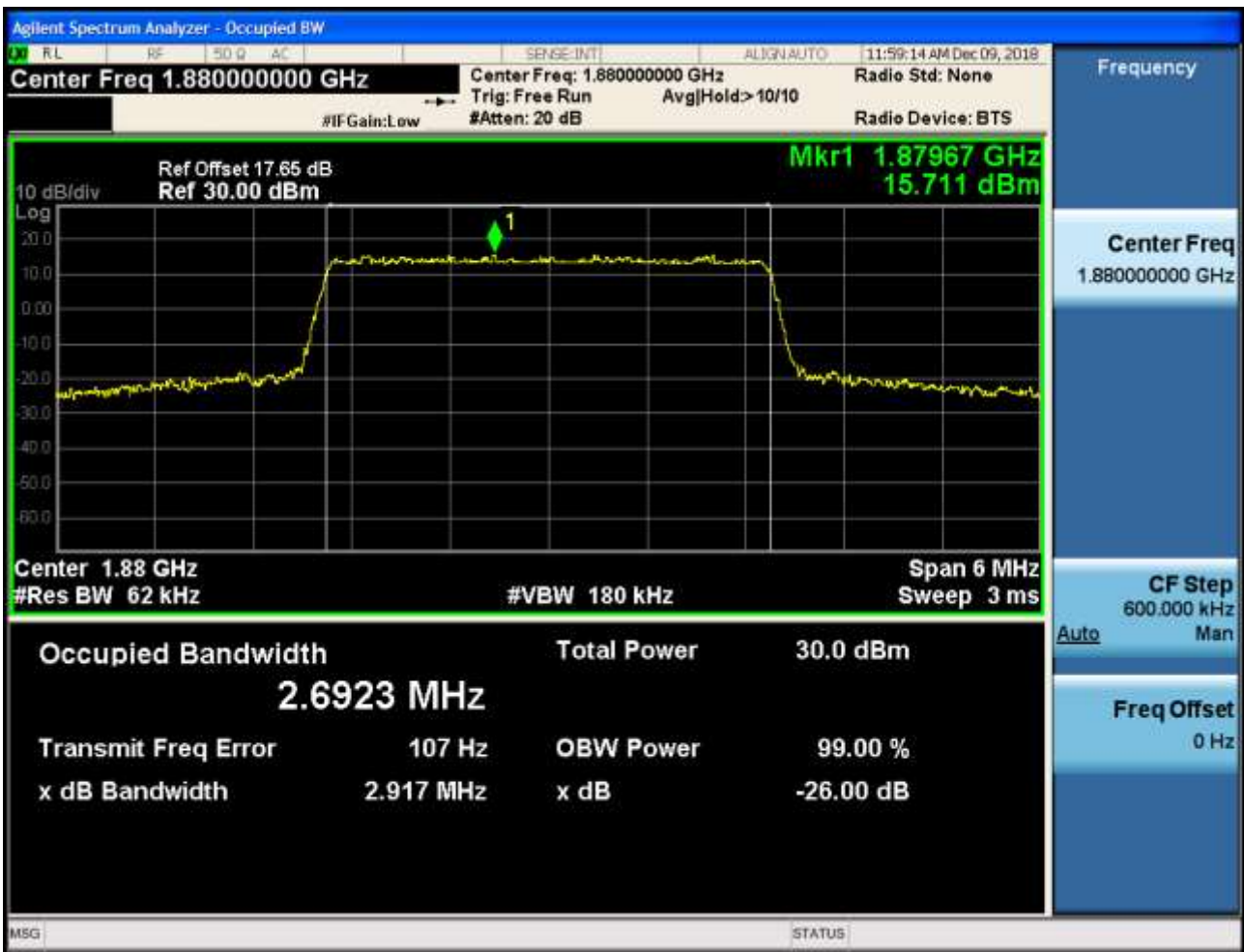
4.1.1.2.2.1 Test Channel = LCH

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

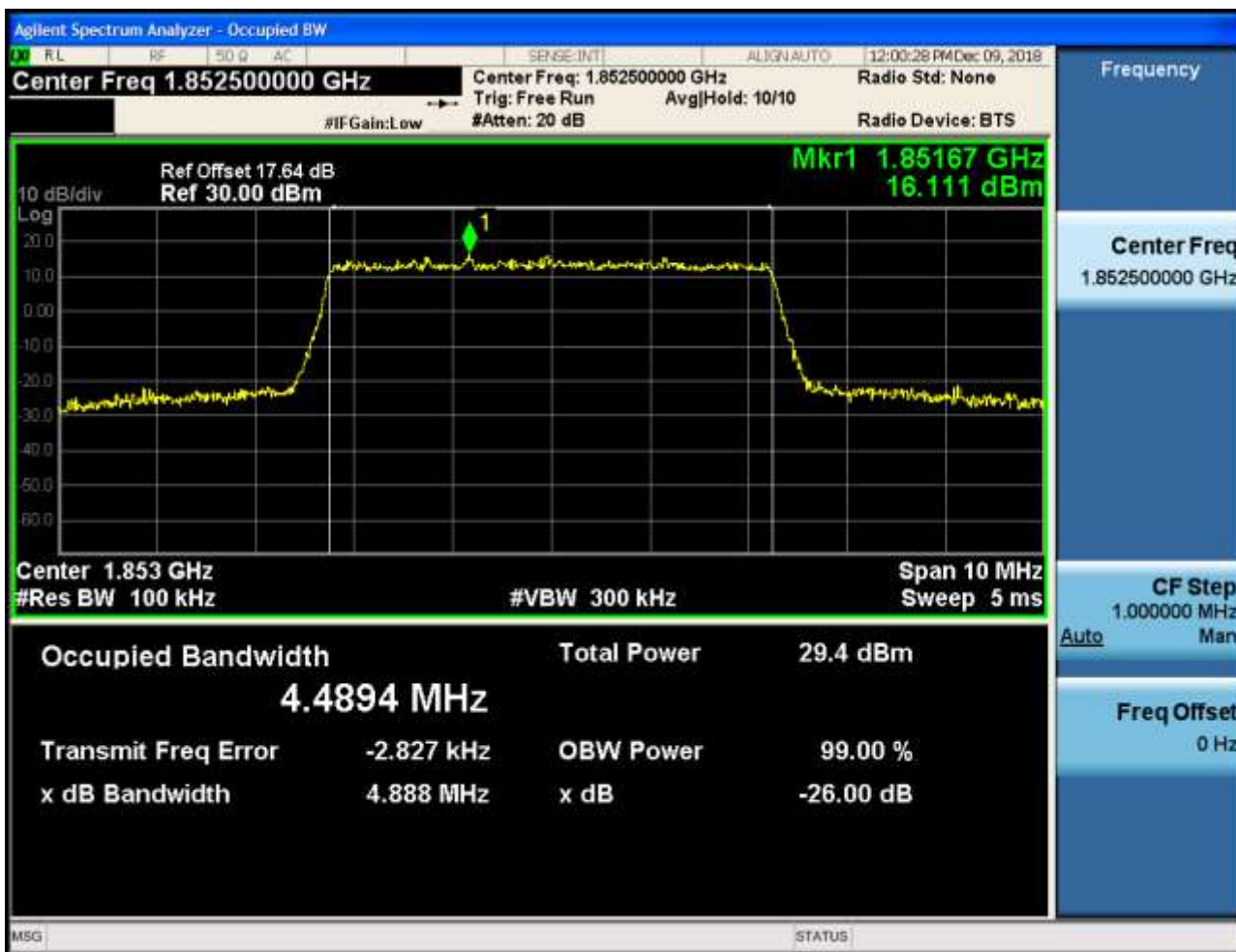




4.1.1.2.3 Test Bandwidth = 5

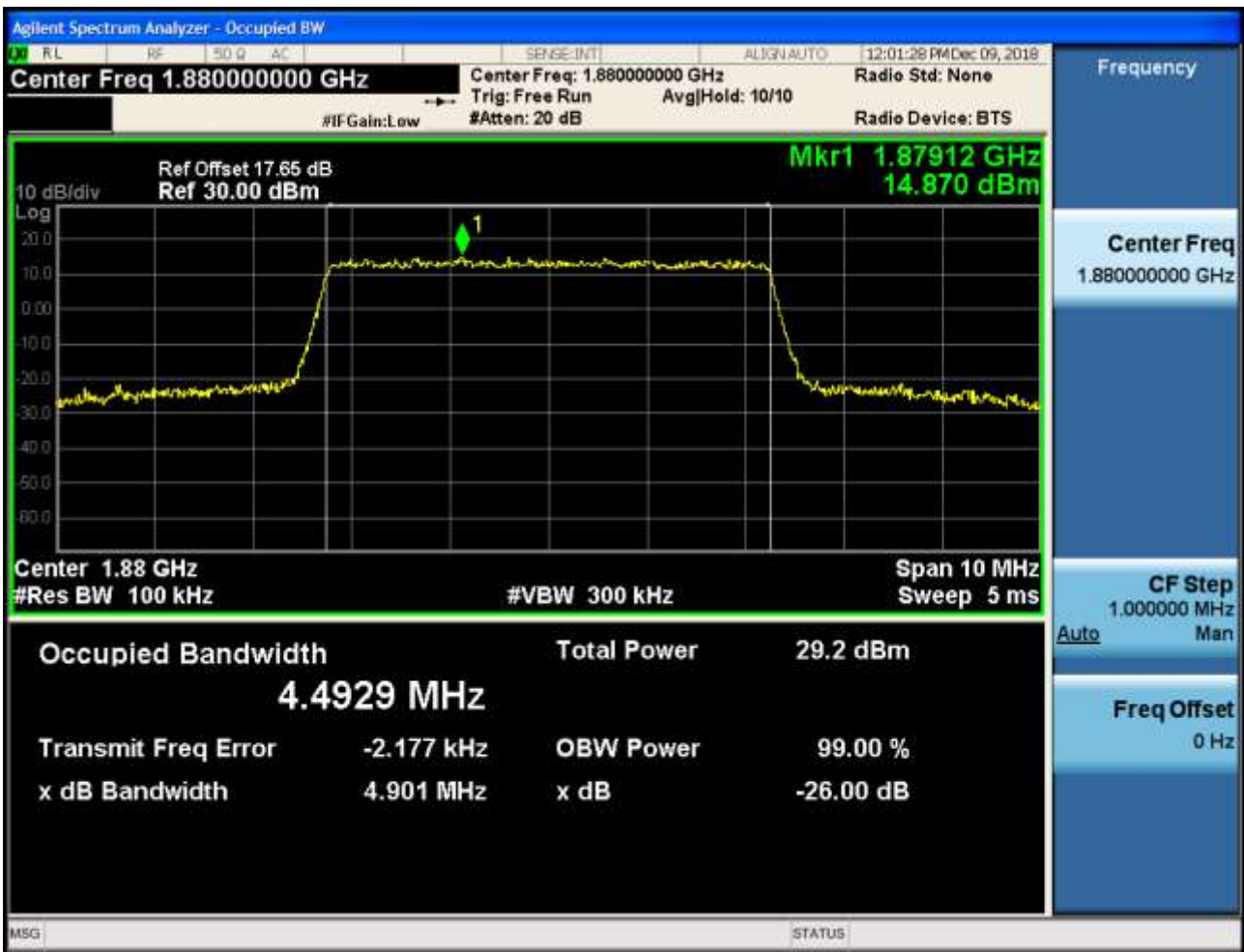
4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0



4.1.1.2.3.2 Test Channel = MCH

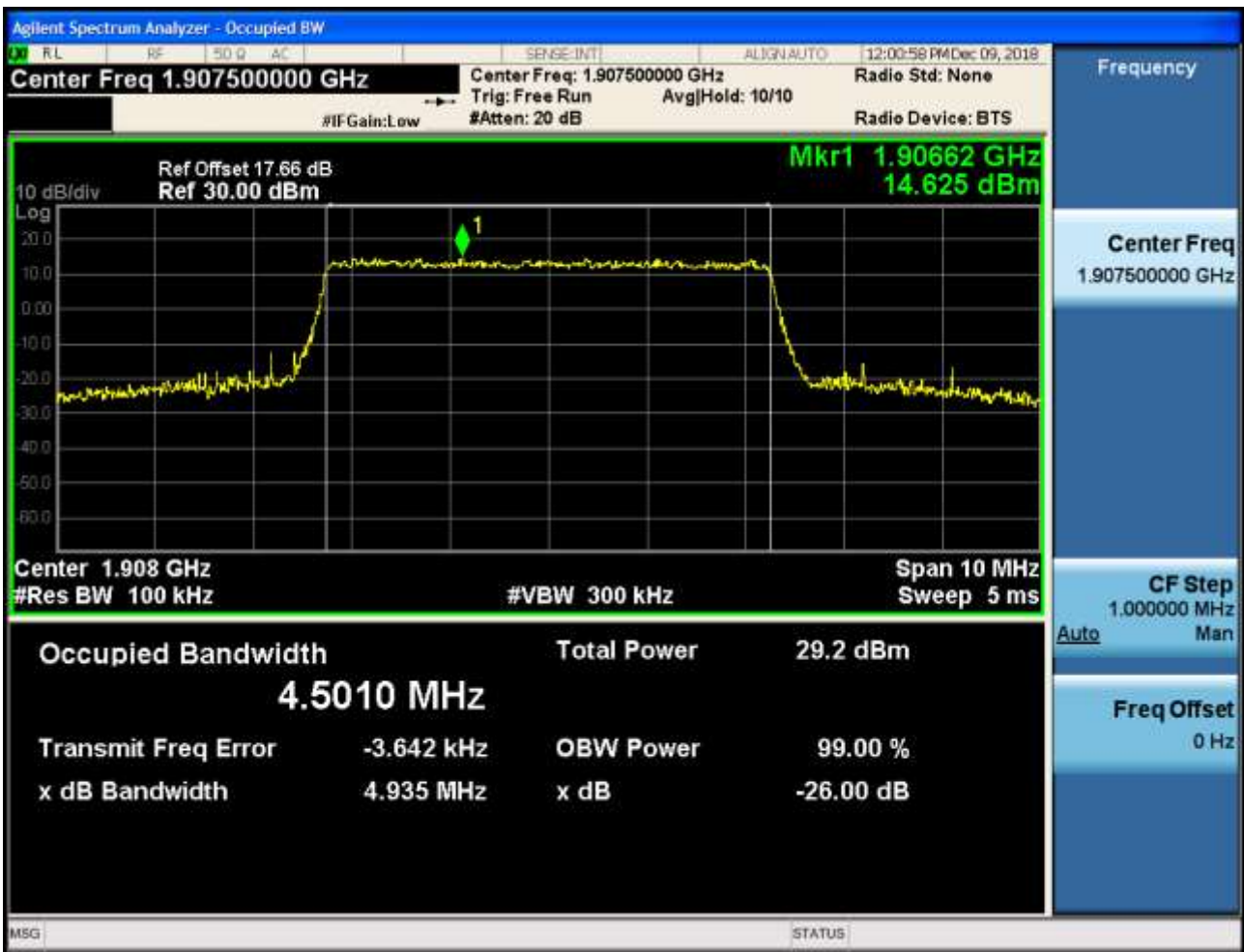
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

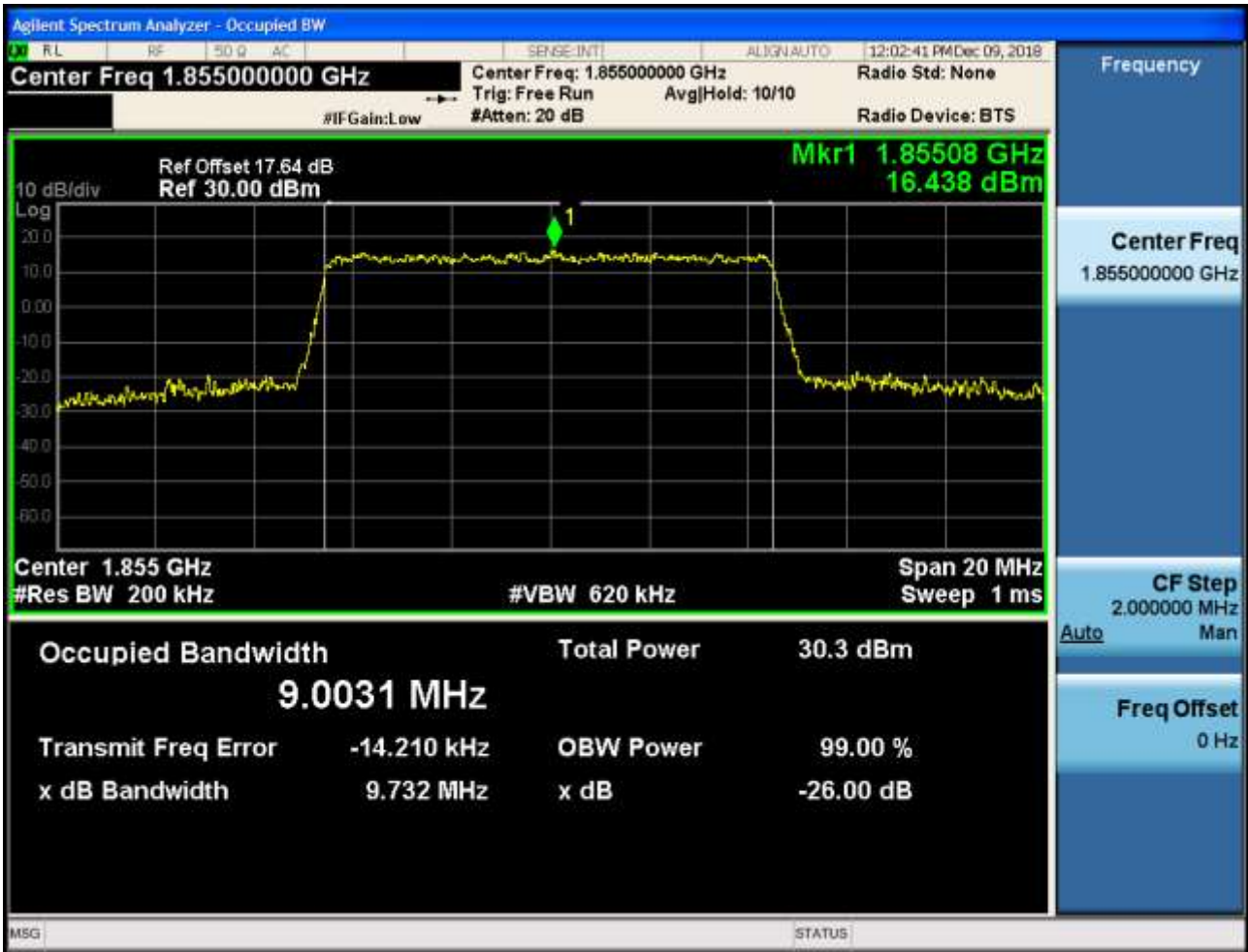
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

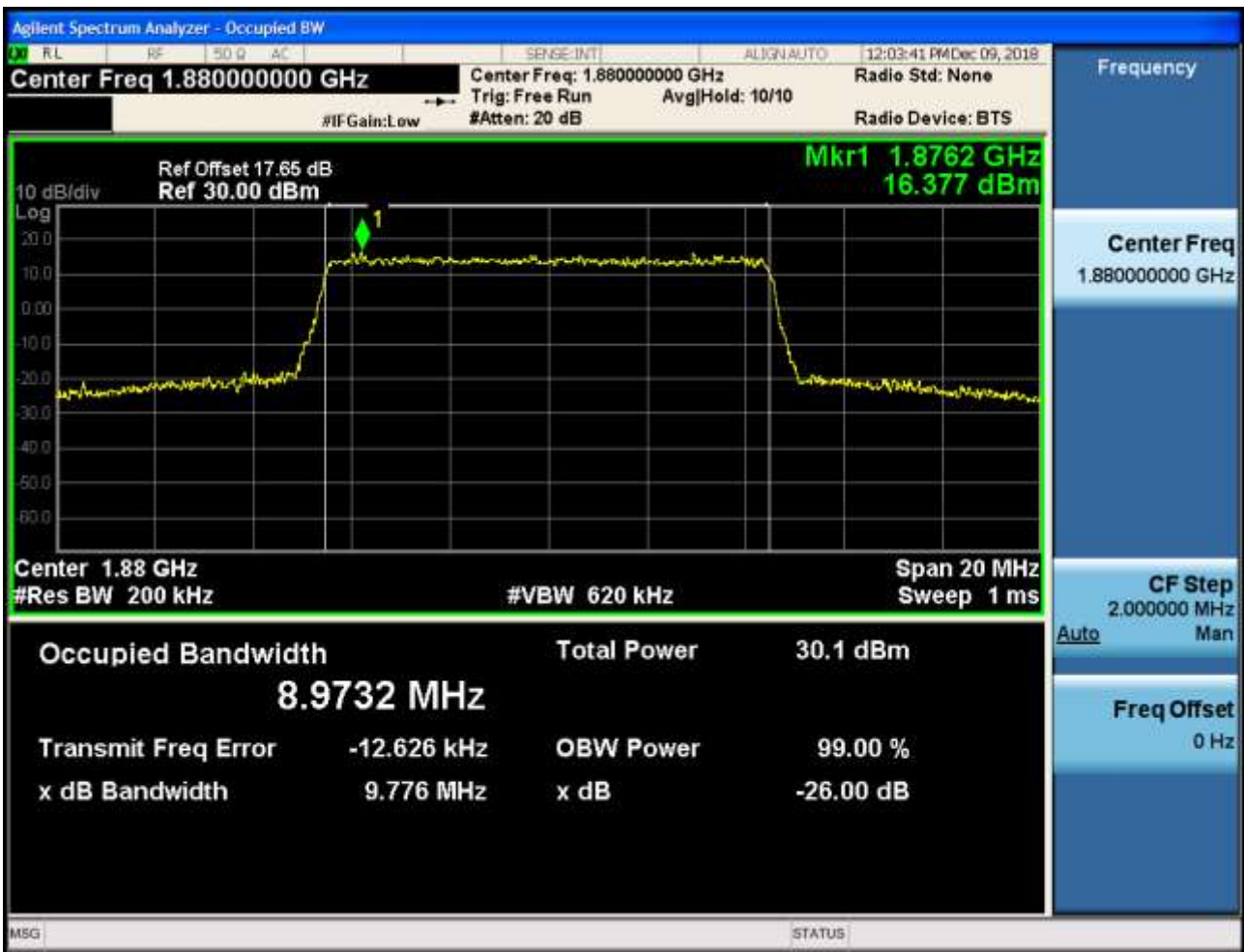
4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0



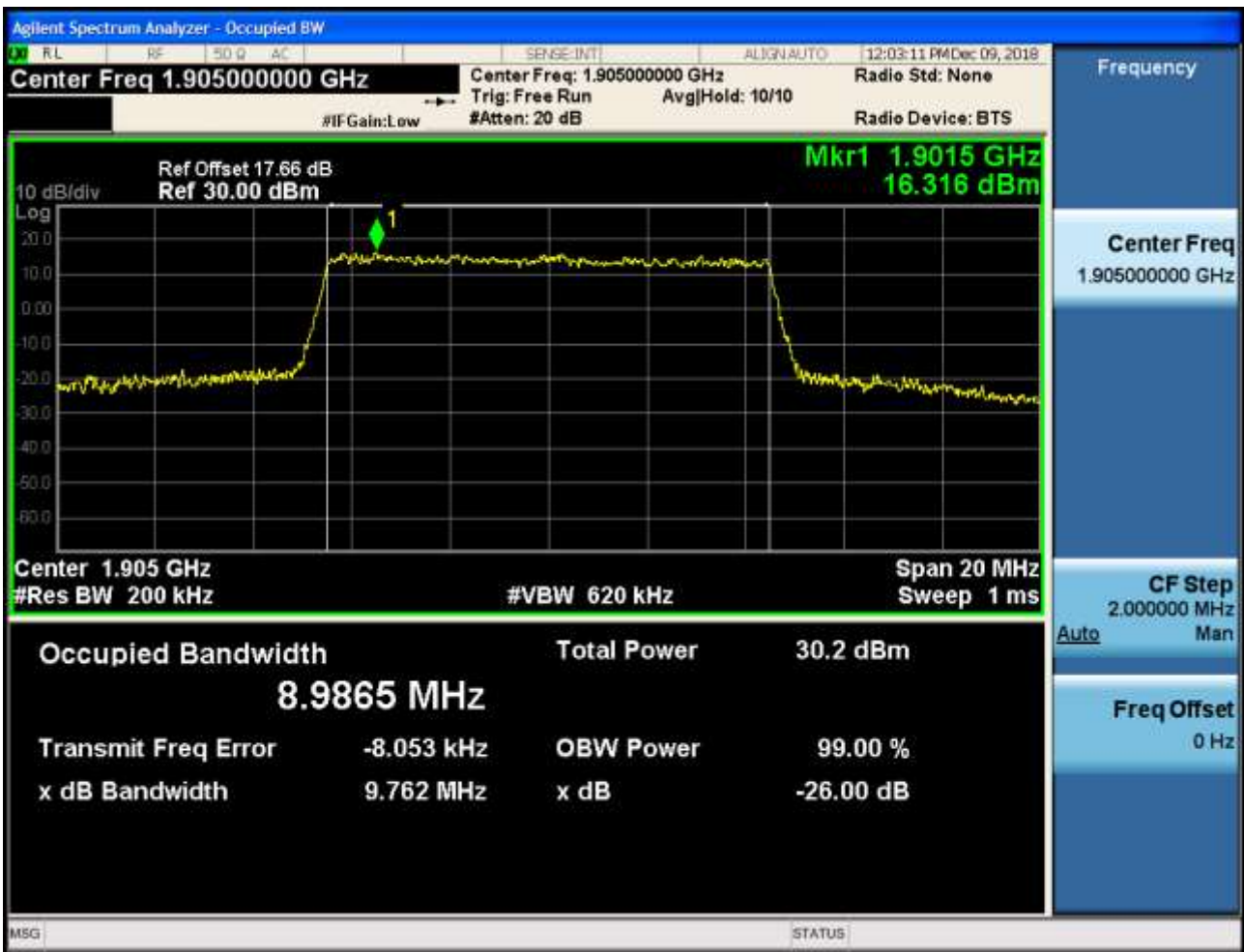
4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0



4.1.1.2.4.3 Test Channel = HCH

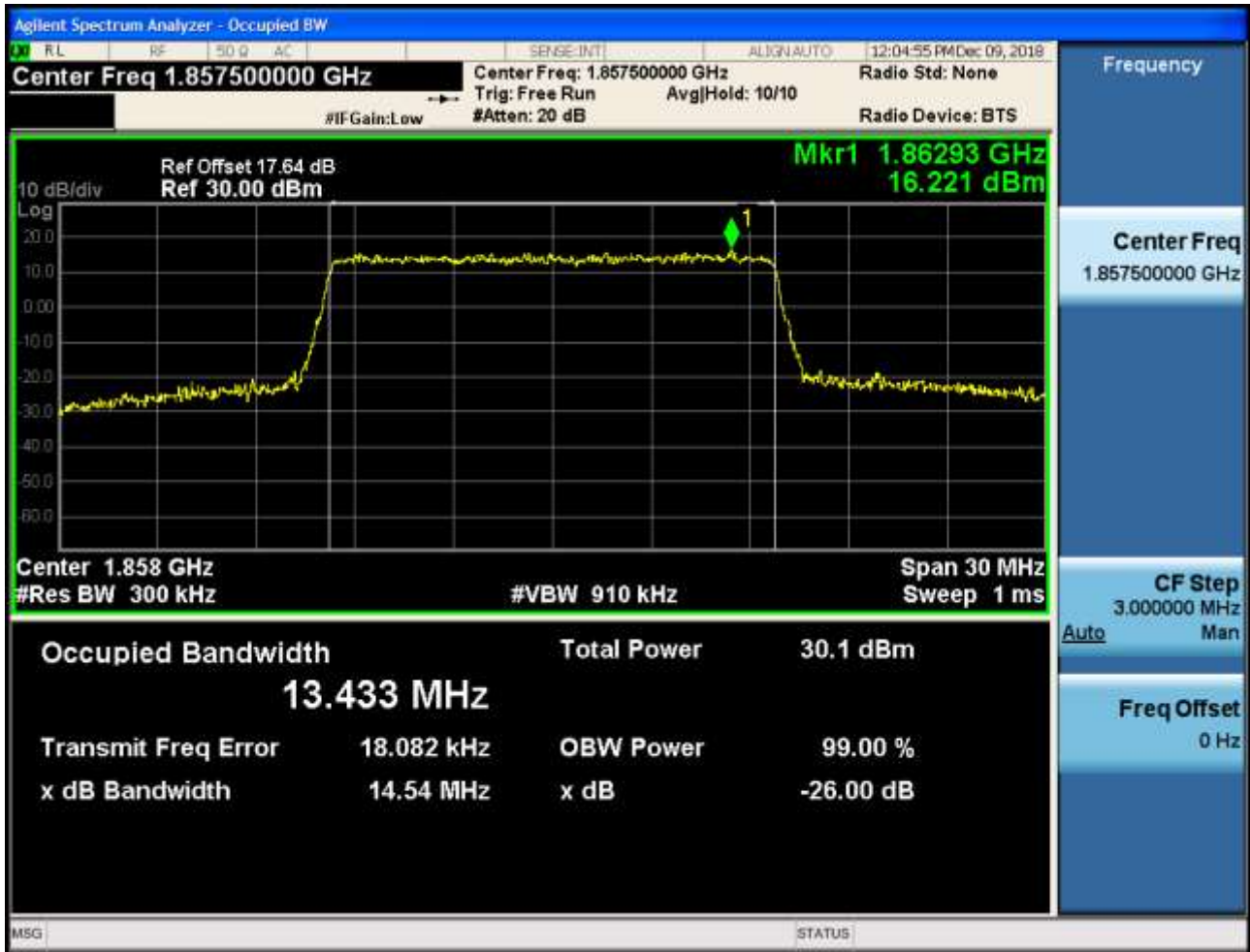
4.1.1.2.4.3.1 Test RB = RB50#0



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





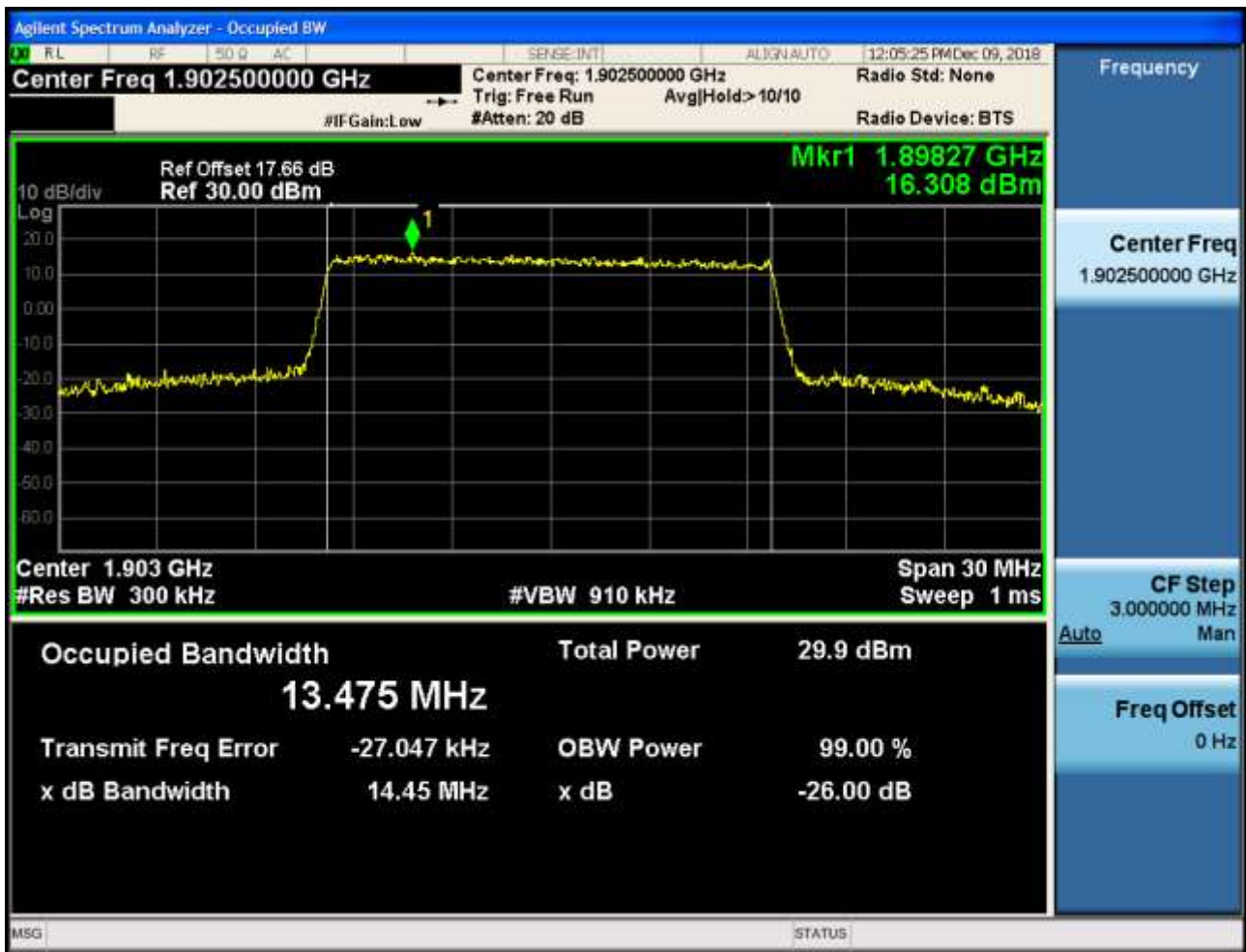
4.1.1.2.5.2 Test Channel = MCH

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

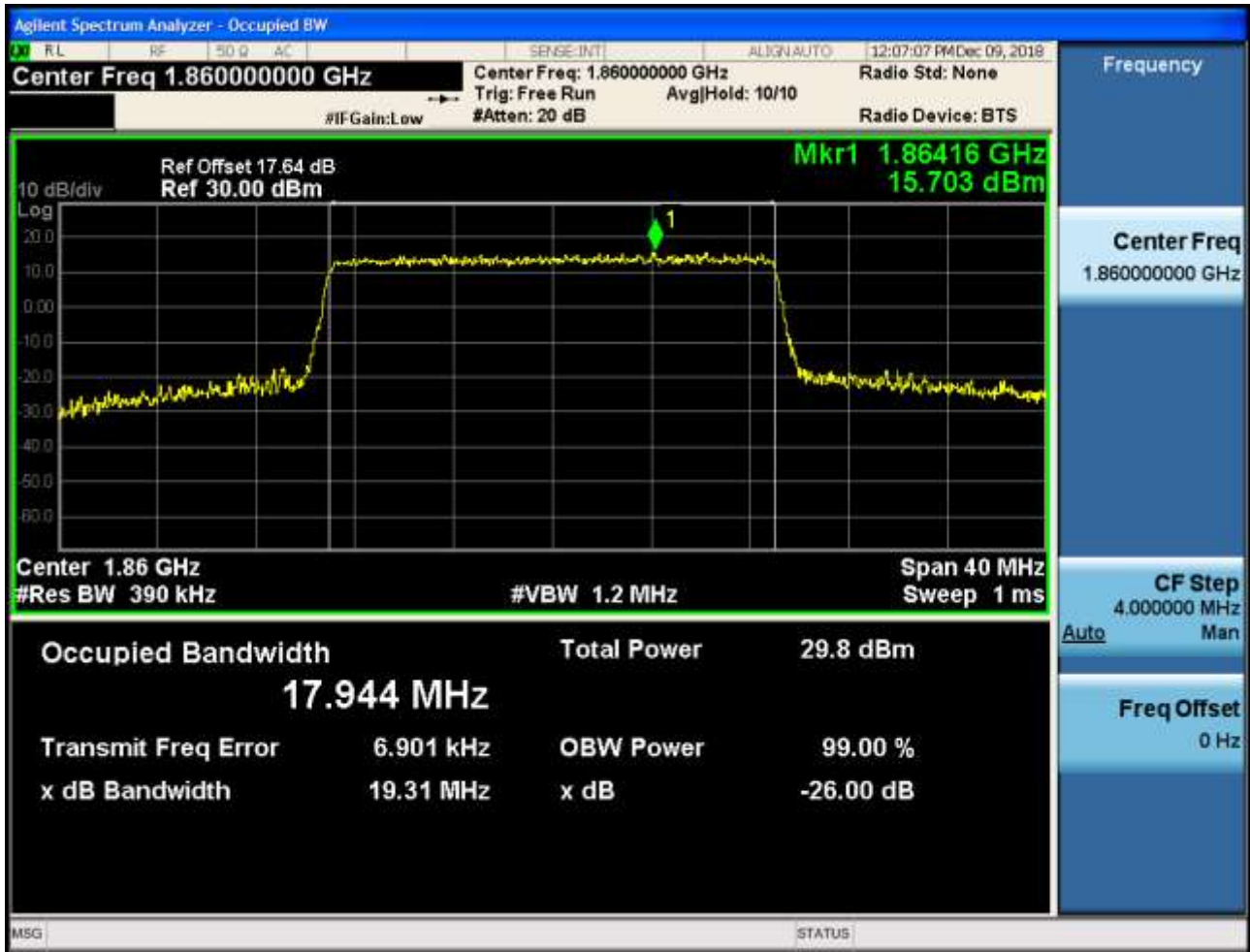




4.1.1.2.6 Test Bandwidth = 20

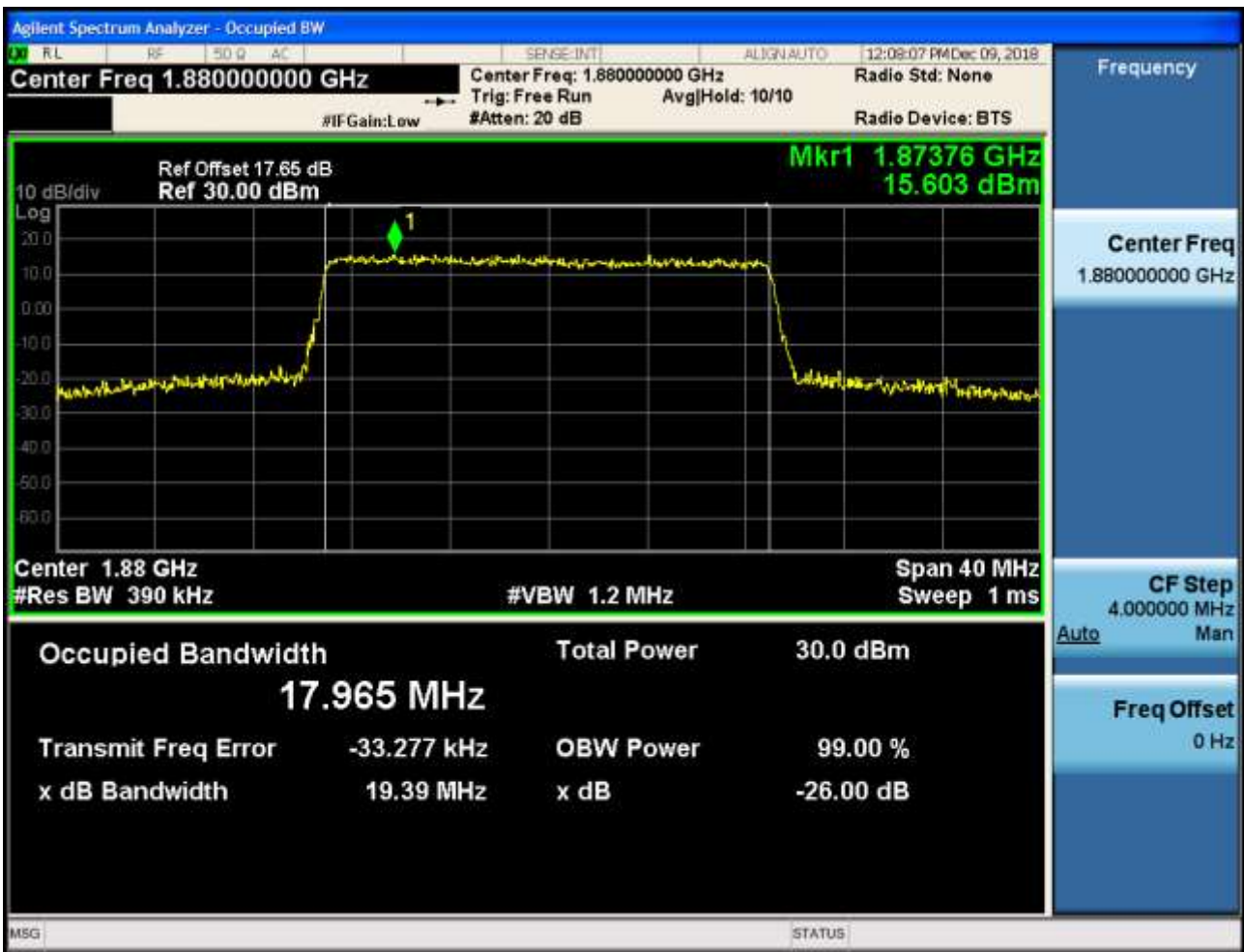
4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0



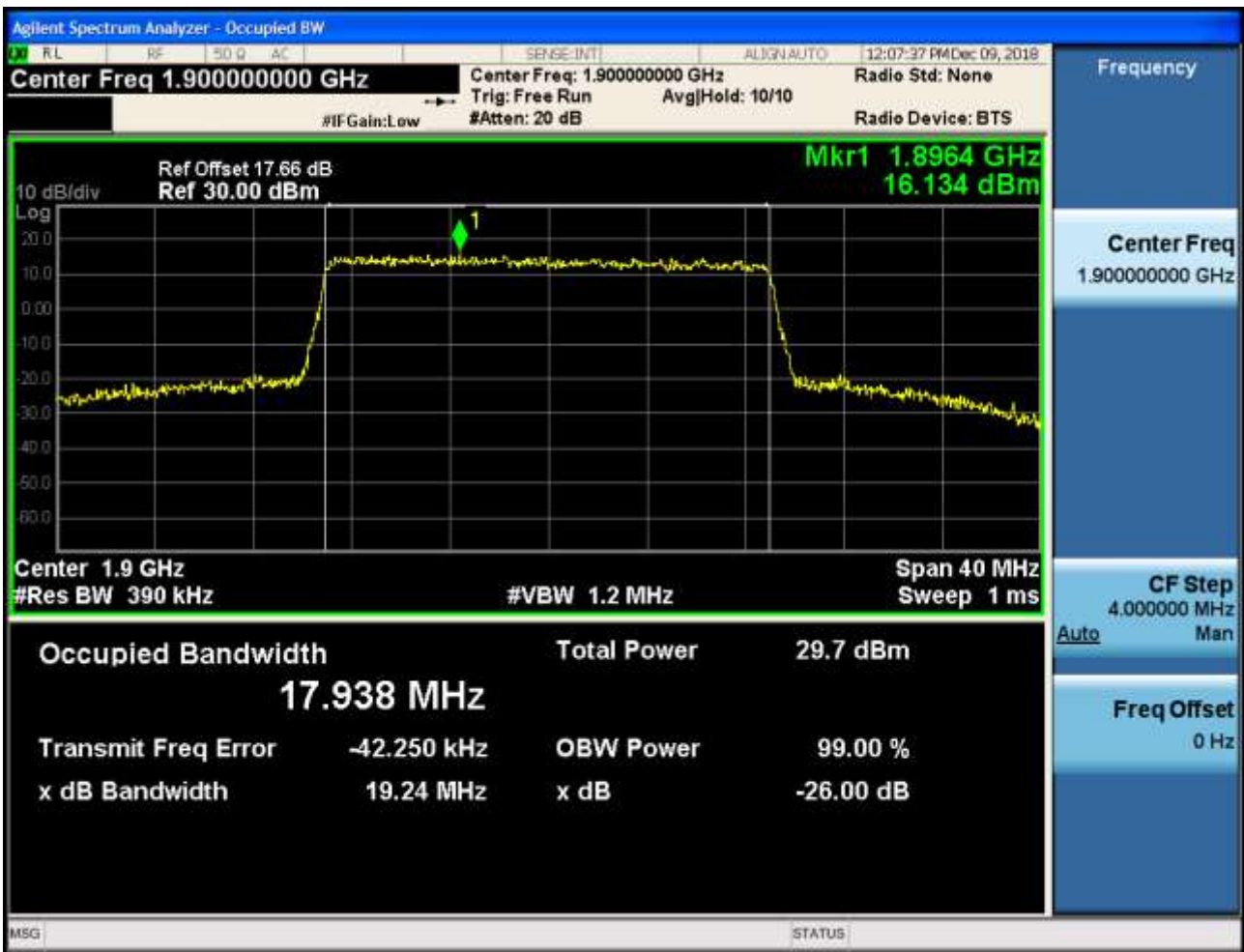
4.1.1.2.6.2 Test Channel = MCH

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

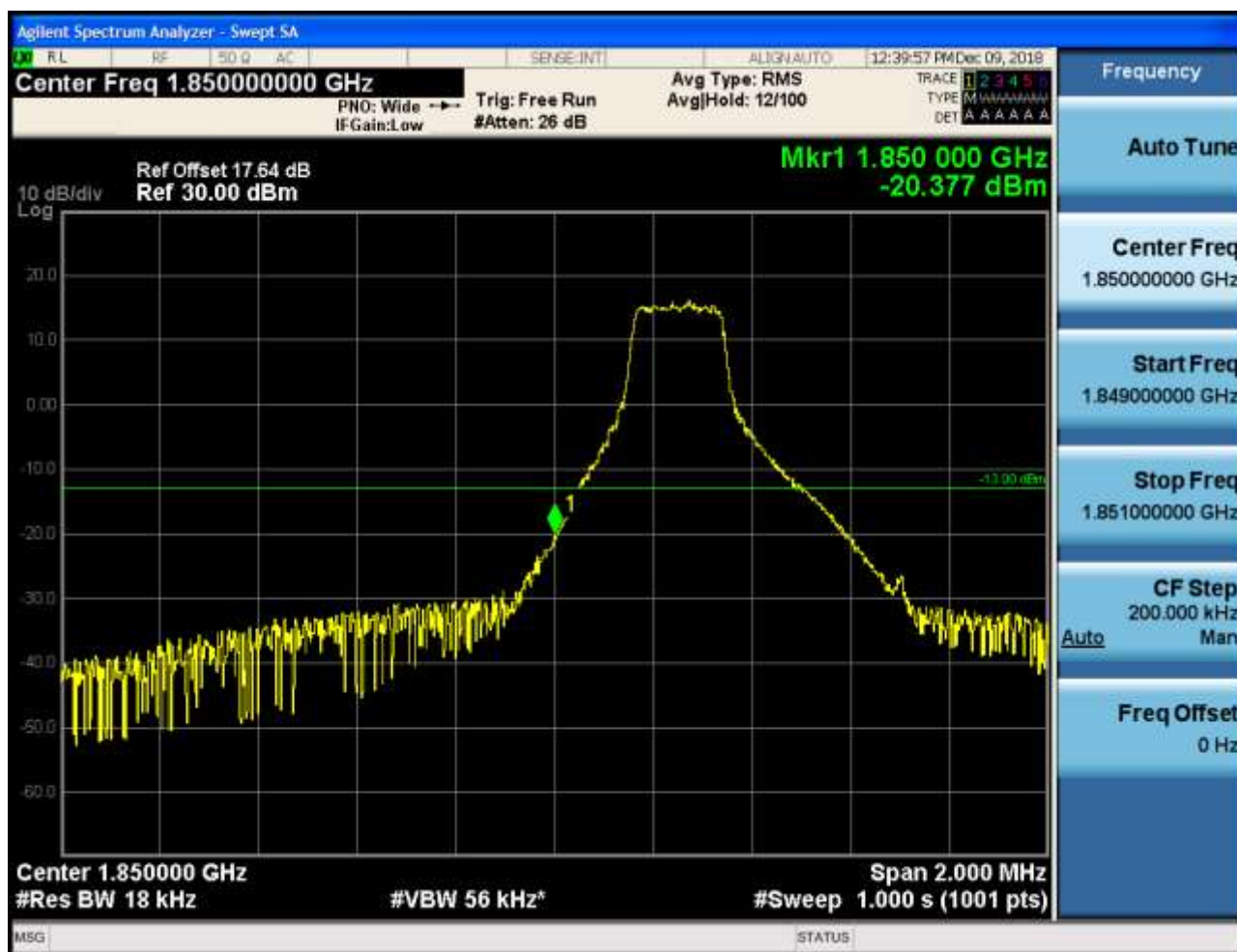
##### 5.1.1 Test Band = Band2

##### 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



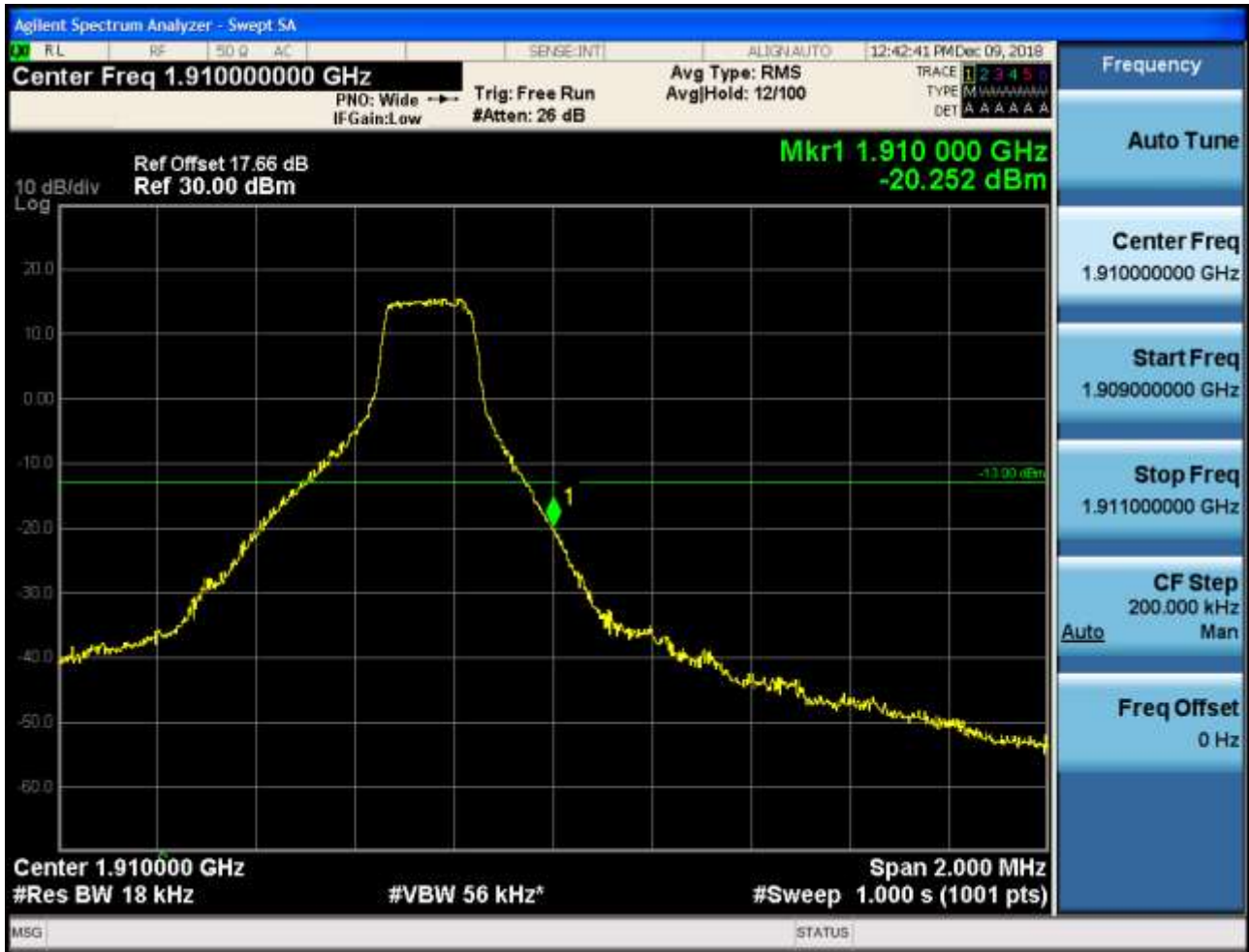


## 5.1.1.1.1.2 Test Channel = HCH

## 5.1.1.1.1.2.1 Test RB = RB1#0



## 5.1.1.1.2.2 Test RB = RB1#5



## 5.1.1.1.1.2.3 Test RB = RB3#2



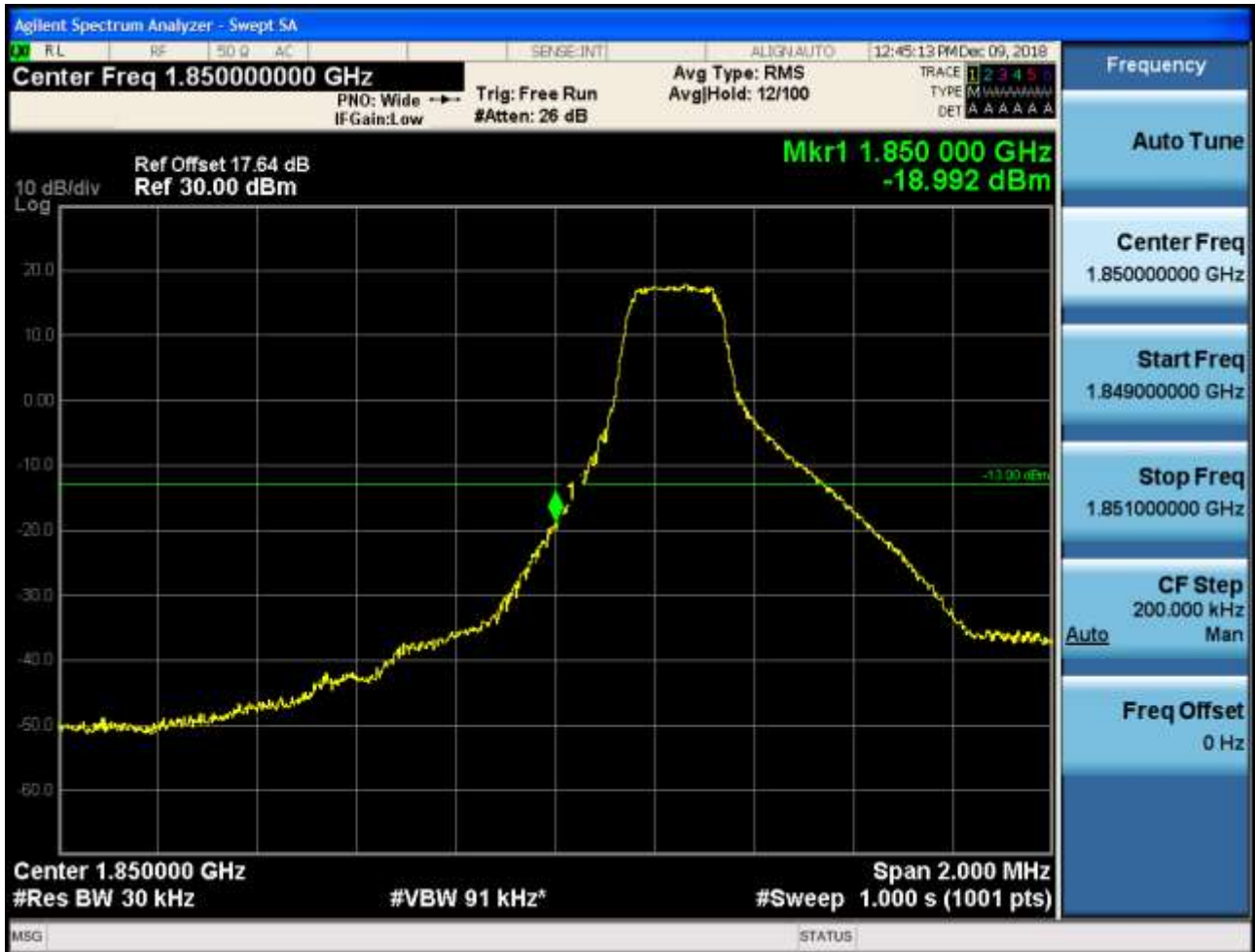
5.1.1.1.2.4 Test RB = RB6#0



## 5.1.1.1.2 Test Bandwidth = 3

## 5.1.1.1.2.1 Test Channel = LCH

## 5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14







5.1.1.1.2.1.3 Test RB = RB8#4





## 5.1.1.1.2.1.4 Test RB = RB15#0

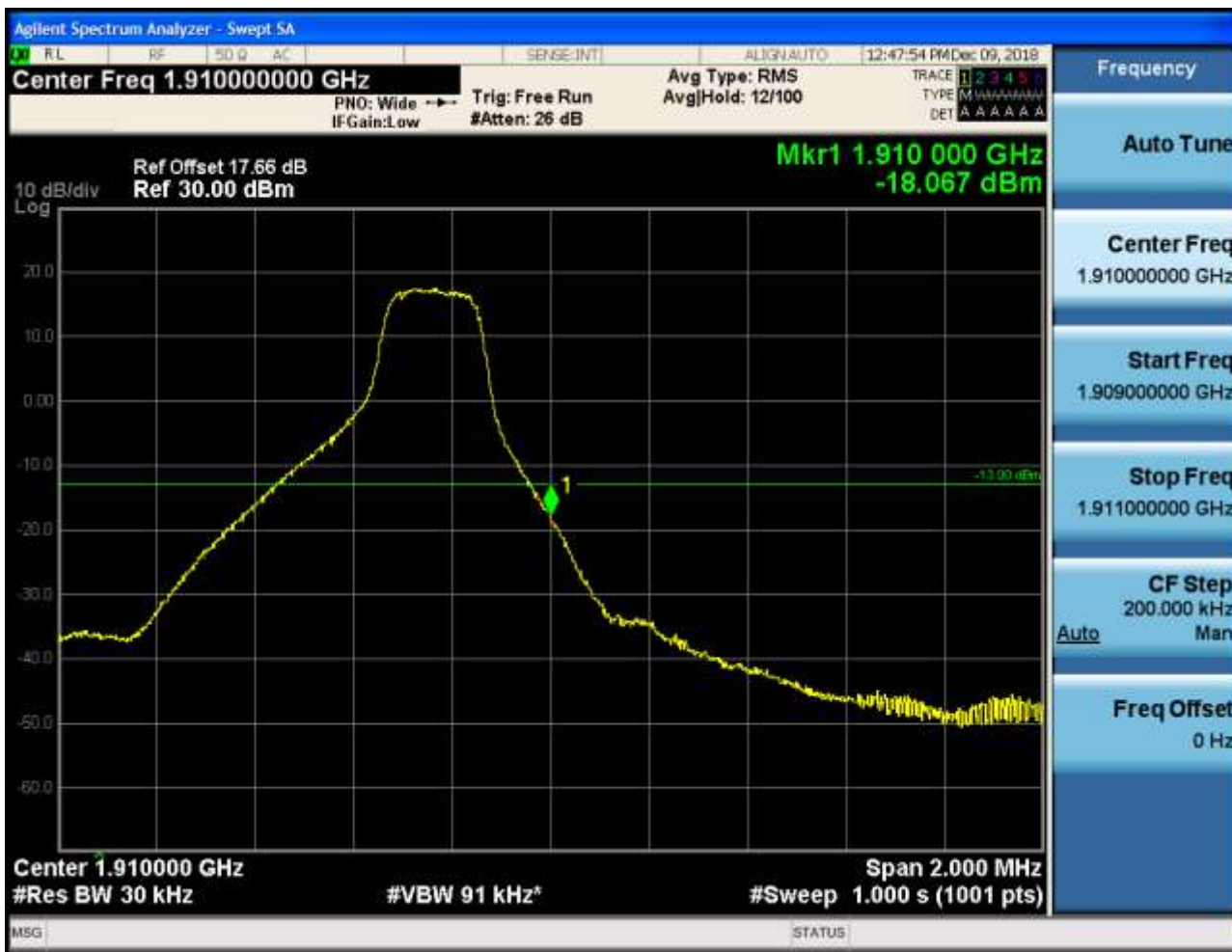


## 5.1.1.1.2.2 Test Channel = HCH

## 5.1.1.1.2.2.1 Test RB = RB1#0



## 5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4



## 5.1.1.1.2.2.4 Test RB = RB15#0



## 5.1.1.1.3 Test Bandwidth = 5

## 5.1.1.1.3.1 Test Channel = LCH

## 5.1.1.1.3.1.1 Test RB = RB1#0





## 5.1.1.1.3.1.2 Test RB = RB1#24







5.1.1.1.3.1.3 Test RB = RB12#6



## 5.1.1.1.3.1.4 Test RB = RB25#0



## 5.1.1.1.3.2 Test Channel = HCH

## 5.1.1.1.3.2.1 Test RB = RB1#0



## 5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6



## 5.1.1.1.3.2.4 Test RB = RB25#0





## 5.1.1.1.4 Test Bandwidth = 10

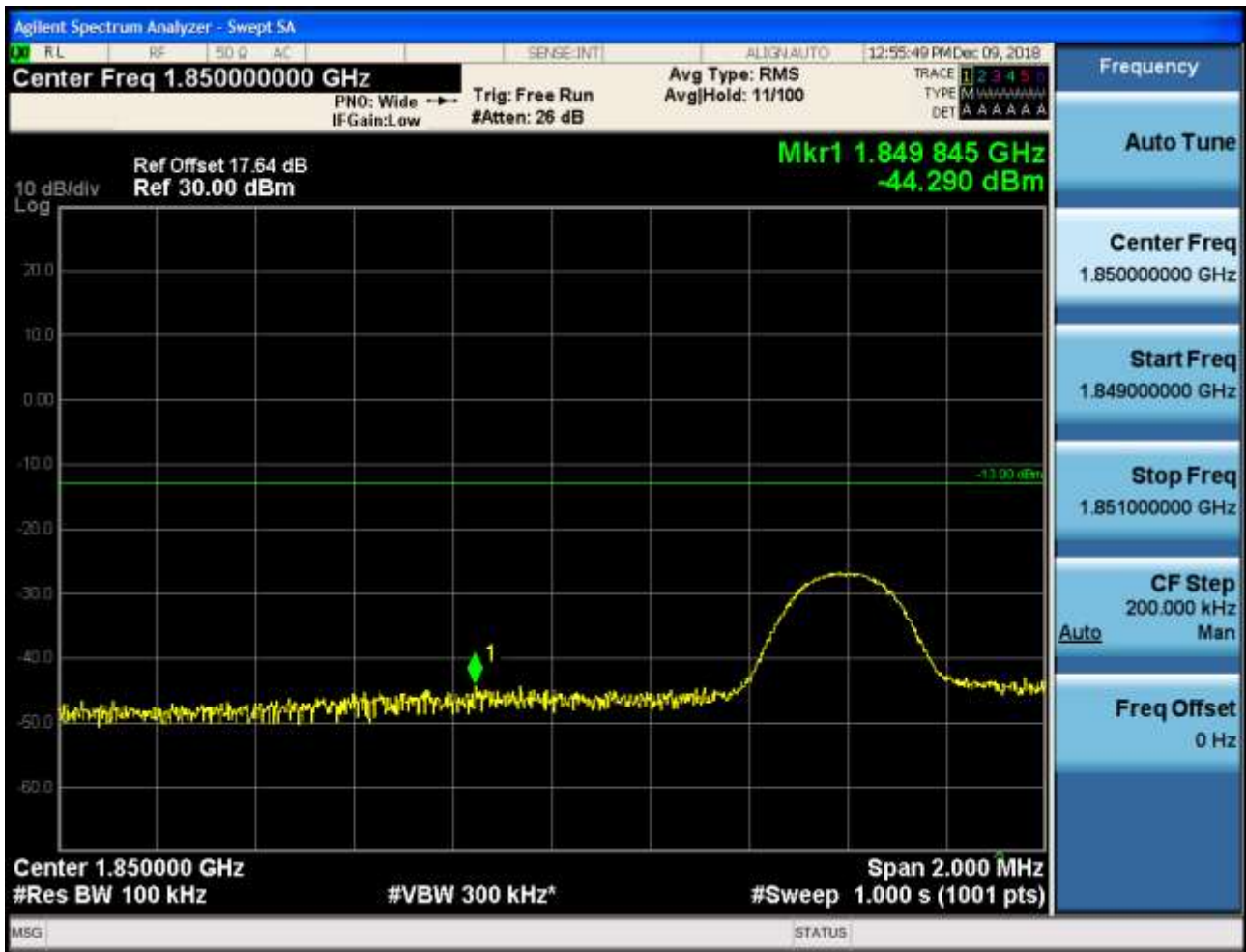
## 5.1.1.1.4.1 Test Channel = LCH

## 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



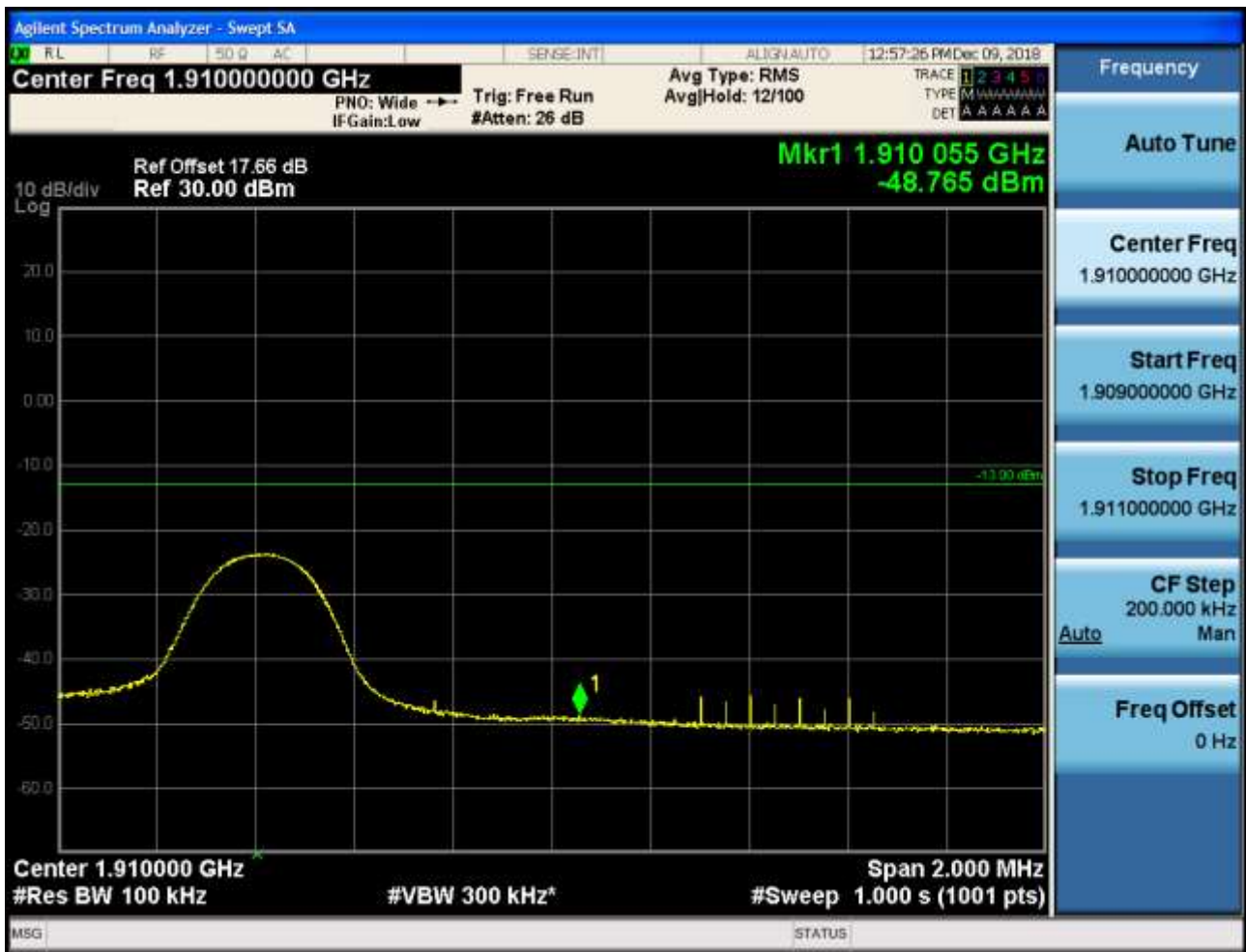


5.1.1.1.4.1.4 Test RB = RB50#0



## 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

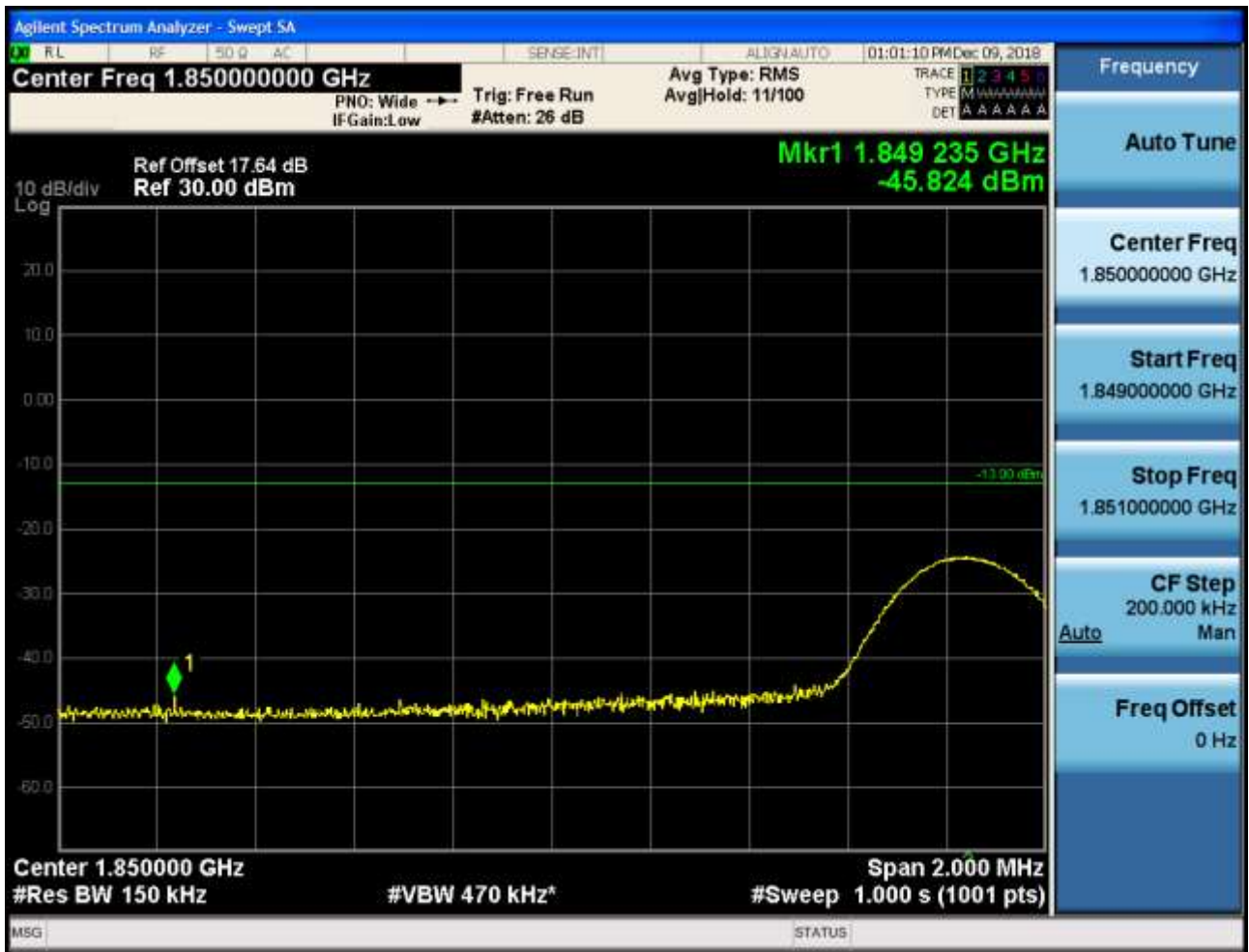
## 5.1.1.1.5.1 Test Channel = LCH

## 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

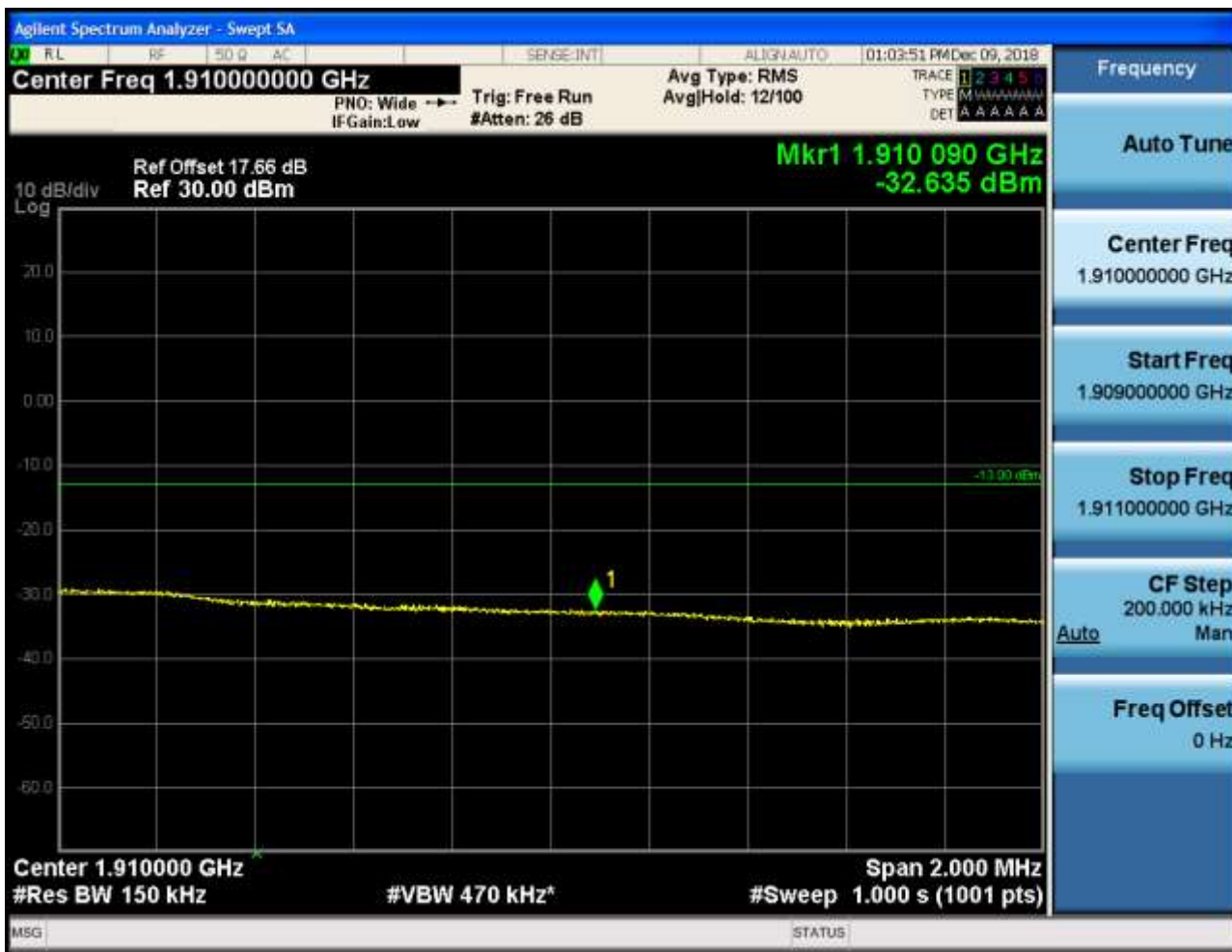


## 5.1.1.1.5.2.2 Test RB = RB1#74





## 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

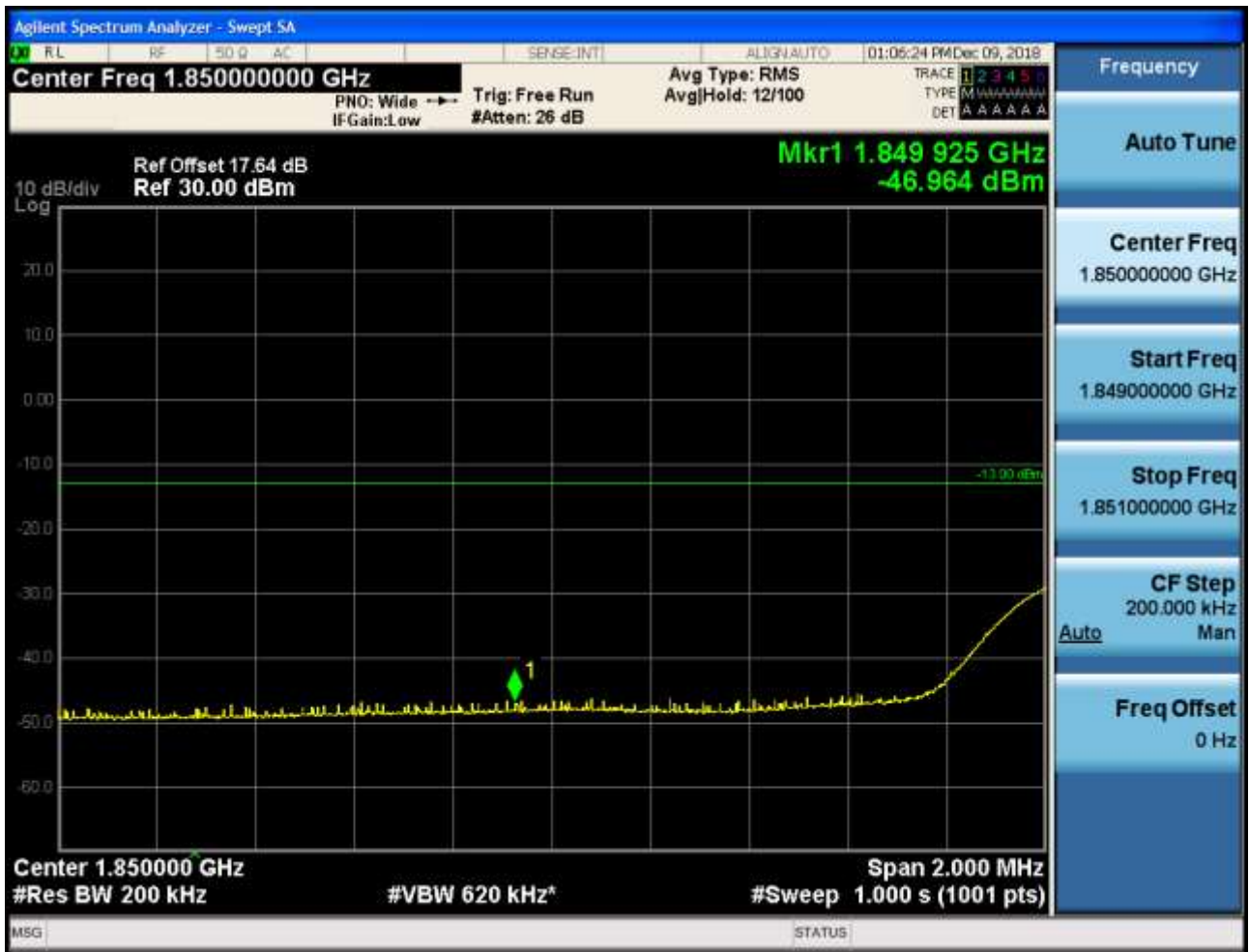
## 5.1.1.1.6.1 Test Channel = LCH

## 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

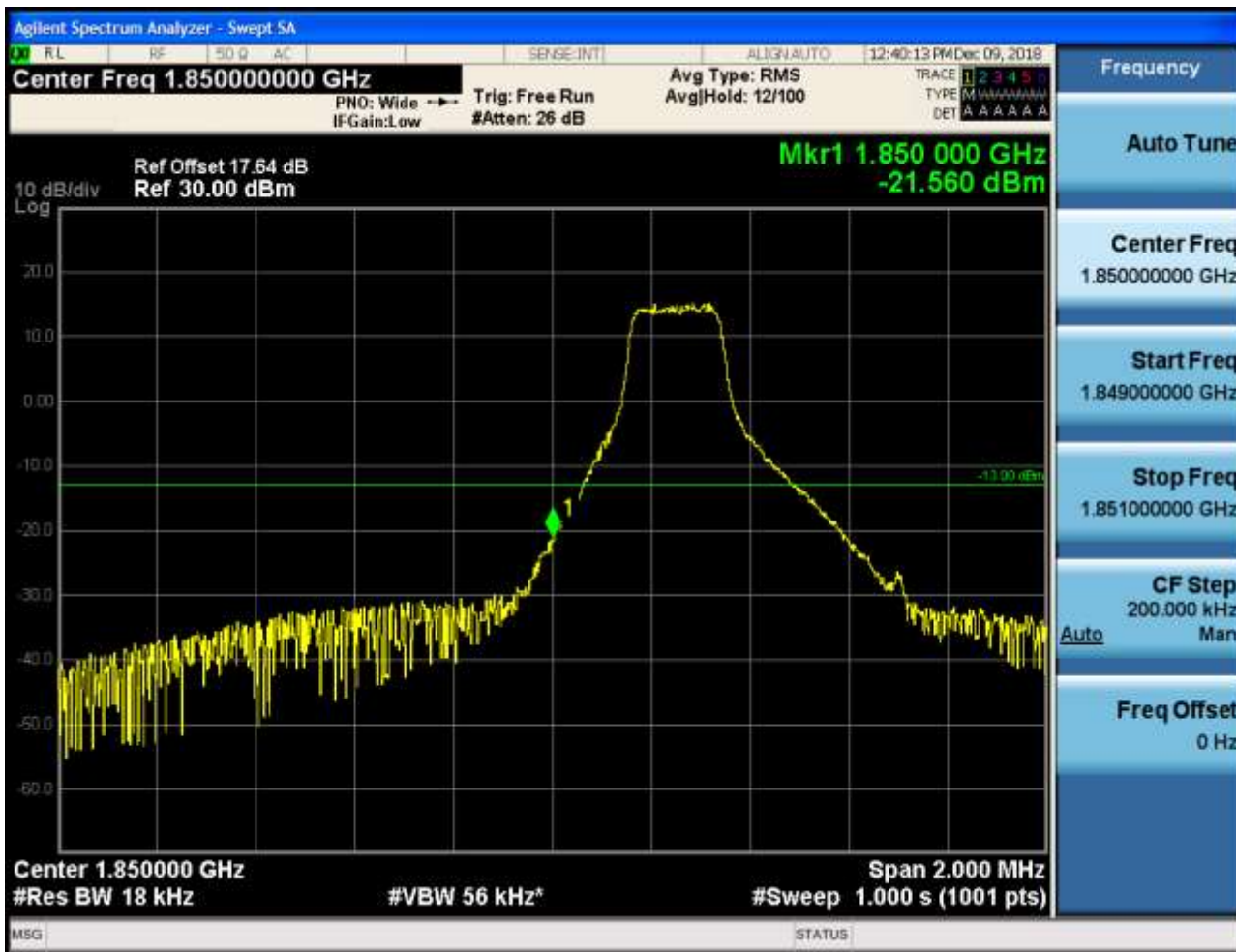


## 5.1.1.2 Test Mode = LTE/TM2

## 5.1.1.2.1 Test Bandwidth = 1.4

## 5.1.1.2.1.1 Test Channel = LCH

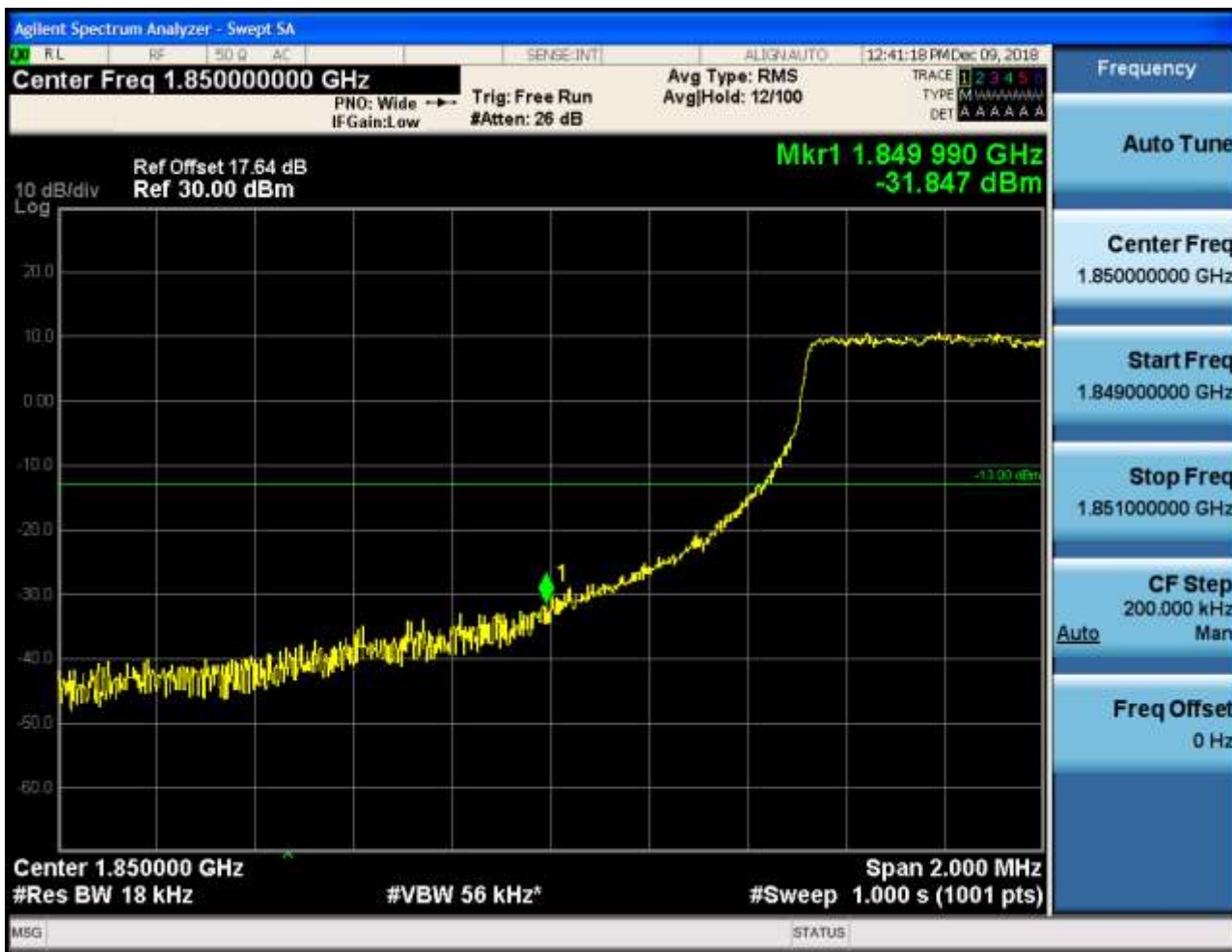
## 5.1.1.2.1.1.1 Test RB = RB1#0



## 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

