



# 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	22.25	20.81	33	PASS
				RB1#3	22.10	20.66	33	PASS
				RB1#5	22.35	20.91	33	PASS
				RB3#0	22.08	20.64	33	PASS
				RB3#2	21.97	20.53	33	PASS
				RB3#3	22.23	20.79	33	PASS
				RB6#0	21.23	19.79	33	PASS
			MCH	RB1#0	21.99	20.55	33	PASS
				RB1#3	22.12	20.68	33	PASS
				RB1#5	22.25	20.81	33	PASS
				RB3#0	22.02	20.58	33	PASS
				RB3#2	22.01	20.57	33	PASS
				RB3#3	22.00	20.56	33	PASS
				RB6#0	20.99	19.55	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
			HCH	RB1#0	22.09	20.65	33	PASS	
				RB1#3	22.17	20.73	33	PASS	
				RB1#5	22.04	20.60	33	PASS	
				RB3#0	21.90	20.46	33	PASS	
				RB3#2	21.97	20.53	33	PASS	
				RB3#3	21.88	20.44	33	PASS	
				RB6#0	21.04	19.60	33	PASS	
		3	LCH	RB1#0	22.08	20.64	33	PASS	
				RB1#7	21.93	20.49	33	PASS	
				RB1#14	22.25	20.81	33	PASS	
				RB8#0	21.11	19.67	33	PASS	
				RB8#4	21.09	19.65	33	PASS	
				RB8#7	21.01	19.57	33	PASS	
				RB15#0	21.17	19.73	33	PASS	
				MCH	RB1#0	21.80	20.36	33	PASS
					RB1#7	21.84	20.40	33	PASS
		RB1#14	22.06		20.62	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.00	19.56	33	PASS	
				RB8#4	21.11	19.67	33	PASS	
				RB8#7	20.90	19.46	33	PASS	
				RB15#0	20.84	19.40	33	PASS	
				HCH	RB1#0	22.25	20.81	33	PASS
					RB1#7	21.92	20.48	33	PASS
					RB1#14	22.08	20.64	33	PASS
					RB8#0	20.95	19.51	33	PASS
		RB8#4	20.93		19.49	33	PASS		
		RB8#7	21.13		19.69	33	PASS		
		RB15#0	21.08	19.64	33	PASS			
		5	LCH	RB1#0	22.17	20.73	33	PASS	
				RB1#13	22.06	20.62	33	PASS	
				RB1#24	22.18	20.74	33	PASS	
				RB12#0	20.95	19.51	33	PASS	
				RB12#6	21.00	19.56	33	PASS	
				RB12#13	21.06	19.62	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.97	19.53	33	PASS
			MCH	RB1#0	22.05	20.61	33	PASS
				RB1#13	21.99	20.55	33	PASS
				RB1#24	22.21	20.77	33	PASS
				RB12#0	21.06	19.62	33	PASS
				RB12#6	21.10	19.66	33	PASS
				RB12#13	21.12	19.68	33	PASS
				RB25#0	21.09	19.65	33	PASS
				HCH	RB1#0	21.91	20.47	33
			RB1#13		22.13	20.69	33	PASS
			RB1#24		22.04	20.60	33	PASS
			RB12#0		21.06	19.62	33	PASS
			RB12#6		21.02	19.58	33	PASS
			RB12#13		21.02	19.58	33	PASS
			RB25#0		21.03	19.59	33	PASS
		10	LCH	RB1#0	22.16	20.72	33	PASS
				RB1#25	22.03	20.59	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.21	20.77	33	PASS
				RB25#0	21.06	19.62	33	PASS
				RB25#13	21.09	19.65	33	PASS
				RB25#25	21.26	19.82	33	PASS
				RB50#0	21.15	19.71	33	PASS
			MCH	RB1#0	22.13	20.69	33	PASS
				RB1#25	22.02	20.58	33	PASS
				RB1#49	22.11	20.67	33	PASS
				RB25#0	21.09	19.65	33	PASS
				RB25#13	21.10	19.66	33	PASS
				RB25#25	20.98	19.54	33	PASS
				RB50#0	21.06	19.62	33	PASS
			HCH	RB1#0	21.84	20.40	33	PASS
				RB1#25	22.02	20.58	33	PASS
				RB1#49	22.17	20.73	33	PASS
				RB25#0	20.76	19.32	33	PASS
				RB25#13	20.86	19.42	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.85	19.41	33	PASS
				RB50#0	20.97	19.53	33	PASS
		15	LCH	RB1#0	22.20	20.76	33	PASS
				RB1#38	22.13	20.69	33	PASS
				RB1#74	22.30	20.86	33	PASS
				RB38#0	21.11	19.67	33	PASS
				RB38#19	21.16	19.72	33	PASS
				RB38#39	21.24	19.80	33	PASS
				RB75#0	21.16	19.72	33	PASS
				MCH	RB1#0	21.97	20.53	33
			RB1#38		21.93	20.49	33	PASS
			RB1#74		21.94	20.50	33	PASS
			RB38#0		21.08	19.64	33	PASS
			RB38#19		21.14	19.70	33	PASS
			HCH	RB38#39	21.00	19.56	33	PASS
RB75#0	21.11	19.67		33	PASS			
			HCH	RB1#0	21.73	20.29	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	22.05	20.61	33	PASS
				RB1#74	21.84	20.40	33	PASS
				RB38#0	20.76	19.32	33	PASS
				RB38#19	20.83	19.39	33	PASS
				RB38#39	21.18	19.74	33	PASS
				RB75#0	21.01	19.57	33	PASS
		20	LCH	RB1#0	22.27	20.83	33	PASS
				RB1#50	22.10	20.66	33	PASS
				RB1#99	22.38	20.94	33	PASS
				RB50#0	21.10	19.66	33	PASS
				RB50#25	21.15	19.71	33	PASS
				RB50#50	21.10	19.66	33	PASS
				RB100#0	21.10	19.66	33	PASS
				MCH	RB1#0	22.25	20.81	33
		RB1#50	21.99		20.55	33	PASS	
		RB1#99	22.12		20.68	33	PASS	
RB50#0	21.02	19.58	33		PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	21.05	19.61	33	PASS
				RB50#50	21.00	19.56	33	PASS
				RB100#0	21.05	19.61	33	PASS
			HCH	RB1#0	21.91	20.47	33	PASS
				RB1#50	21.85	20.41	33	PASS
				RB1#99	22.07	20.63	33	PASS
				RB50#0	20.75	19.31	33	PASS
				RB50#25	20.83	19.39	33	PASS
				RB50#50	20.91	19.47	33	PASS
				RB100#0	20.82	19.38	33	PASS
			LCH	RB1#0	21.27	19.83	33	PASS
				RB1#3	21.14	19.70	33	PASS
				RB1#5	21.22	19.78	33	PASS
				RB3#0	21.04	19.60	33	PASS
				RB3#2	21.02	19.58	33	PASS
RB3#3	21.30	19.86		33	PASS			
RB6#0	20.07	18.63		33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.23	19.79	33	PASS
				RB1#3	21.06	19.62	33	PASS
				RB1#5	21.21	19.77	33	PASS
				RB3#0	21.01	19.57	33	PASS
				RB3#2	20.99	19.55	33	PASS
				RB3#3	21.15	19.71	33	PASS
			RB6#0	20.11	18.67	33	PASS	
			HCH	RB1#0	21.10	19.66	33	PASS
				RB1#3	21.10	19.66	33	PASS
				RB1#5	21.10	19.66	33	PASS
				RB3#0	21.14	19.70	33	PASS
				RB3#2	21.02	19.58	33	PASS
		RB3#3		21.17	19.73	33	PASS	
		3	LCH	RB1#0	21.35	19.91	33	PASS
				RB1#7	21.16	19.72	33	PASS
				RB1#14	21.42	19.98	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	20.04	18.60	33	PASS
				RB8#4	20.02	18.58	33	PASS
				RB8#7	20.06	18.62	33	PASS
				RB15#0	20.12	18.68	33	PASS
			MCH	RB1#0	21.41	19.97	33	PASS
				RB1#7	21.04	19.60	33	PASS
				RB1#14	21.28	19.84	33	PASS
				RB8#0	20.05	18.61	33	PASS
				RB8#4	19.89	18.45	33	PASS
				RB8#7	19.89	18.45	33	PASS
				RB15#0	19.77	18.33	33	PASS
			HCH	RB1#0	21.50	20.06	33	PASS
				RB1#7	20.97	19.53	33	PASS
				RB1#14	21.08	19.64	33	PASS
				RB8#0	19.89	18.45	33	PASS
				RB8#4	20.01	18.57	33	PASS
				RB8#7	19.99	18.55	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	20.05	18.61	33	PASS
		5	LCH	RB1#0	21.32	19.88	33	PASS
				RB1#13	21.36	19.92	33	PASS
				RB1#24	21.20	19.76	33	PASS
				RB12#0	20.06	18.62	33	PASS
				RB12#6	20.09	18.65	33	PASS
				RB12#13	20.10	18.66	33	PASS
				RB25#0	19.96	18.52	33	PASS
				MCH	RB1#0	21.02	19.58	33
			RB1#13		21.11	19.67	33	PASS
			RB1#24		21.24	19.80	33	PASS
			RB12#0		20.08	18.64	33	PASS
			RB12#6		19.99	18.55	33	PASS
			RB12#13		20.13	18.69	33	PASS
			HCH	RB25#0	19.99	18.55	33	PASS
				RB1#0	21.28	19.84	33	PASS
				RB1#13	21.26	19.82	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#24	21.39	19.95	33	PASS	
				RB12#0	20.03	18.59	33	PASS	
				RB12#6	20.09	18.65	33	PASS	
				RB12#13	20.12	18.68	33	PASS	
				RB25#0	20.05	18.61	33	PASS	
				LCH	RB1#0	21.34	19.90	33	PASS
					RB1#25	21.32	19.88	33	PASS
					RB1#49	21.42	19.98	33	PASS
					RB25#0	20.03	18.59	33	PASS
					RB25#13	20.05	18.61	33	PASS
		RB25#25	20.00		18.56	33	PASS		
		RB50#0	20.07		18.63	33	PASS		
		MCH	RB1#0		21.33	19.89	33	PASS	
			RB1#25		21.33	19.89	33	PASS	
			RB1#49		21.34	19.90	33	PASS	
			RB25#0	19.95	18.51	33	PASS		
			RB25#13	20.05	18.61	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.06	18.62	33	PASS
				RB50#0	19.99	18.55	33	PASS
			HCH	RB1#0	21.06	19.62	33	PASS
				RB1#25	21.17	19.73	33	PASS
				RB1#49	21.21	19.77	33	PASS
				RB25#0	19.67	18.23	33	PASS
				RB25#13	19.82	18.38	33	PASS
				RB25#25	19.85	18.41	33	PASS
				RB50#0	19.96	18.52	33	PASS
				15	LCH	RB1#0	21.50	20.06
		RB1#38	21.50			20.06	33	PASS
		RB1#74	21.66			20.22	33	PASS
		RB38#0	20.11			18.67	33	PASS
		RB38#19	20.09			18.65	33	PASS
		RB38#39	20.02			18.58	33	PASS
		RB75#0	20.15			18.71	33	PASS
		MCH	RB1#0	21.31	19.87	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.28	19.84	33	PASS
				RB1#74	21.23	19.79	33	PASS
				RB38#0	20.07	18.63	33	PASS
				RB38#19	20.08	18.64	33	PASS
				RB38#39	19.99	18.55	33	PASS
				RB75#0	20.07	18.63	33	PASS
			HCH	RB1#0	21.03	19.59	33	PASS
				RB1#38	21.21	19.77	33	PASS
				RB1#74	21.20	19.76	33	PASS
				RB38#0	19.65	18.21	33	PASS
				RB38#19	19.71	18.27	33	PASS
				RB38#39	19.84	18.40	33	PASS
		20	LCH	RB1#0	21.52	20.08	33	PASS
				RB1#50	21.16	19.72	33	PASS
				RB1#99	21.50	20.06	33	PASS
				RB50#0	20.06	18.62	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.11	18.67	33	PASS
				RB50#50	20.05	18.61	33	PASS
				RB100#0	20.03	18.59	33	PASS
			MCH	RB1#0	21.41	19.97	33	PASS
				RB1#50	21.25	19.81	33	PASS
				RB1#99	21.36	19.92	33	PASS
				RB50#0	20.04	18.60	33	PASS
				RB50#25	20.04	18.60	33	PASS
				RB50#50	19.99	18.55	33	PASS
				RB100#0	20.01	18.57	33	PASS
			HCH	RB1#0	21.34	19.90	33	PASS
				RB1#50	21.01	19.57	33	PASS
				RB1#99	21.48	20.04	33	PASS
				RB50#0	19.73	18.29	33	PASS
				RB50#25	19.80	18.36	33	PASS
RB50#50	19.91	18.47		33	PASS			
RB100#0	19.78	18.34		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:

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

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
Band2	LTE/TM1	1.4	LCH	RB1#0	3.47	13	PASS
				RB1#3	3.53	13	PASS
				RB1#5	3.77	13	PASS
				RB3#0	4.31	13	PASS
				RB3#2	4.29	13	PASS
				RB3#3	4.33	13	PASS
				RB6#0	5.10	13	PASS
			MCH	RB1#0	4.10	13	PASS
				RB1#3	4.07	13	PASS
				RB1#5	4.02	13	PASS
				RB3#0	4.53	13	PASS
				RB3#2	4.48	13	PASS
				RB3#3	4.50	13	PASS
				RB6#0	5.24	13	PASS
		HCH	RB1#0	3.35	13	PASS	
			RB1#3	3.45	13	PASS	
			RB1#5	3.30	13	PASS	
			RB3#0	4.11	13	PASS	
			RB3#2	3.75	13	PASS	
			RB3#3	3.71	13	PASS	
			RB6#0	5.17	13	PASS	
		3	LCH	RB1#0	3.89	13	PASS
				RB1#7	4.03	13	PASS
				RB1#14	3.68	13	PASS
				RB8#0	5.02	13	PASS
				RB8#4	4.96	13	PASS
				RB8#7	5.12	13	PASS
				RB15#0	5.41	13	PASS
MCH	RB1#0		4.02	13	PASS		
	RB1#7		4.35	13	PASS		
	RB1#14		3.82	13	PASS		
	RB8#0		5.24	13	PASS		
	RB8#4		5.19	13	PASS		
	RB8#7		5.20	13	PASS		
	RB15#0		5.55	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	HCH	RB1#0	3.44	13	PASS
				RB1#7	3.62	13	PASS
				RB1#14	3.14	13	PASS
				RB8#0	4.79	13	PASS
				RB8#4	4.79	13	PASS
				RB8#7	4.95	13	PASS
				RB15#0	5.26	13	PASS
			LCH	RB1#0	3.62	13	PASS
				RB1#13	3.67	13	PASS
				RB1#24	3.70	13	PASS
				RB12#0	5.14	13	PASS
				RB12#6	5.05	13	PASS
				RB12#13	5.13	13	PASS
				RB25#0	5.59	13	PASS
		MCH	RB1#0	4.16	13	PASS	
			RB1#13	4.04	13	PASS	
			RB1#24	4.04	13	PASS	
			RB12#0	5.33	13	PASS	
			RB12#6	5.30	13	PASS	
			RB12#13	5.06	13	PASS	
			RB25#0	5.75	13	PASS	
		HCH	RB1#0	3.72	13	PASS	
			RB1#13	3.52	13	PASS	
			RB1#24	3.38	13	PASS	
			RB12#0	4.97	13	PASS	
			RB12#6	4.65	13	PASS	
			RB12#13	5.14	13	PASS	
			RB25#0	5.26	13	PASS	
		10	LCH	RB1#0	3.62	13	PASS
				RB1#25	3.77	13	PASS
RB1#49	4.18			13	PASS		
RB25#0	5.06			13	PASS		
RB25#13	5.08			13	PASS		
RB25#25	5.32			13	PASS		
RB50#0	5.69			13	PASS		
MCH	RB1#0		4.12	13	PASS		
	RB1#25		4.04	13	PASS		
	RB1#49		3.97	13	PASS		
	RB25#0		5.30	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	5.21	13	PASS
				RB25#25	5.35	13	PASS
				RB50#0	5.69	13	PASS
			HCH	RB1#0	4.08	13	PASS
				RB1#25	3.56	13	PASS
				RB1#49	3.27	13	PASS
				RB25#0	5.20	13	PASS
				RB25#13	5.01	13	PASS
				RB25#25	4.92	13	PASS
				RB50#0	5.75	13	PASS
			LCH	RB1#0	3.78	13	PASS
				RB1#38	3.97	13	PASS
		RB1#74		4.17	13	PASS	
		RB38#0		5.27	13	PASS	
		RB38#19		5.19	13	PASS	
		RB38#39		5.44	13	PASS	
		RB75#0		5.83	13	PASS	
		MCH	RB1#0	4.04	13	PASS	
			RB1#38	3.88	13	PASS	
			RB1#74	3.96	13	PASS	
			RB38#0	5.32	13	PASS	
			RB38#19	5.22	13	PASS	
			RB38#39	5.28	13	PASS	
			RB75#0	5.88	13	PASS	
		HCH	RB1#0	4.40	13	PASS	
			RB1#38	4.32	13	PASS	
			RB1#74	3.70	13	PASS	
			RB38#0	5.24	13	PASS	
			RB38#19	5.08	13	PASS	
			RB38#39	5.19	13	PASS	
			RB75#0	5.70	13	PASS	
		20	LCH	RB1#0	3.88	13	PASS
				RB1#50	3.91	13	PASS
RB1#99	4.11			13	PASS		
RB50#0	5.37			13	PASS		
RB50#25	5.31			13	PASS		
RB50#50	5.48			13	PASS		
RB100#0	5.80			13	PASS		
MCH	RB1#0		4.13	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict			
				RB1#50	4.13	13	PASS			
				RB1#99	4.04	13	PASS			
				RB50#0	5.41	13	PASS			
				RB50#25	5.26	13	PASS			
				RB50#50	5.34	13	PASS			
				RB100#0	5.93	13	PASS			
			HCH	RB1#0	3.87	13	PASS			
				RB1#50	4.19	13	PASS			
				RB1#99	3.52	13	PASS			
				RB50#0	5.34	13	PASS			
				RB50#25	5.63	13	PASS			
				RB50#50	5.18	13	PASS			
					1.4	LCH	RB1#0	4.70	13	PASS
							RB1#3	4.96	13	PASS
	RB1#5	4.83					13	PASS		
	RB3#0	5.13					13	PASS		
	RB3#2	4.91					13	PASS		
	RB3#3	5.12					13	PASS		
	MCH	RB6#0				6.30	13	PASS		
		RB1#0				4.51	13	PASS		
		RB1#3				4.87	13	PASS		
		RB1#5				4.83	13	PASS		
		RB3#0				5.53	13	PASS		
		RB3#2				5.70	13	PASS		
	HCH	RB3#3				5.55	13	PASS		
		RB6#0				6.43	13	PASS		
		RB1#0	4.20	13	PASS					
		RB1#3	4.56	13	PASS					
		RB1#5	4.49	13	PASS					
		RB3#0	4.87	13	PASS					
			3	LCH	RB3#2	4.89	13	PASS		
					RB3#3	4.86	13	PASS		
RB6#0					5.99	13	PASS			
RB1#0					3.92	13	PASS			
RB1#7					4.21	13	PASS			
				RB1#14	4.38	13	PASS			
				RB8#0	6.04	13	PASS			
				RB8#4	5.94	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#7	6.01	13	PASS	
				RB15#0	6.37	13	PASS	
			MCH	RB1#0	4.83	13	PASS	
				RB1#7	5.00	13	PASS	
				RB1#14	4.93	13	PASS	
				RB8#0	6.07	13	PASS	
				RB8#4	6.03	13	PASS	
				RB8#7	6.01	13	PASS	
				RB15#0	6.39	13	PASS	
			HCH	RB1#0	4.70	13	PASS	
				RB1#7	4.38	13	PASS	
				RB1#14	4.47	13	PASS	
				RB8#0	5.86	13	PASS	
				RB8#4	5.58	13	PASS	
				RB8#7	5.82	13	PASS	
		5	LCH		RB1#0	4.34	13	PASS
					RB1#13	4.48	13	PASS
					RB1#24	4.34	13	PASS
					RB12#0	6.16	13	PASS
					RB12#6	5.89	13	PASS
					RB12#13	6.14	13	PASS
					RB25#0	6.51	13	PASS
			MCH	RB1#0	5.10	13	PASS	
				RB1#13	5.07	13	PASS	
				RB1#24	5.01	13	PASS	
				RB12#0	6.40	13	PASS	
				RB12#6	6.00	13	PASS	
				RB12#13	6.36	13	PASS	
				RB25#0	6.48	13	PASS	
			HCH	RB1#0	4.44	13	PASS	
RB1#13	4.20	13		PASS				
RB1#24	4.11	13		PASS				
RB12#0	5.47	13		PASS				
RB12#6	5.44	13		PASS				
RB12#13	5.59	13		PASS				
RB25#0	6.03	13		PASS				
10	LCH	RB1#0	4.61	13	PASS			
		RB1#25	4.53	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	4.81	13	PASS
				RB25#0	6.07	13	PASS
				RB25#13	6.06	13	PASS
				RB25#25	6.29	13	PASS
				RB50#0	6.52	13	PASS
			MCH	RB1#0	4.86	13	PASS
				RB1#25	4.81	13	PASS
				RB1#49	4.72	13	PASS
				RB25#0	6.36	13	PASS
				RB25#13	6.27	13	PASS
				RB25#25	6.29	13	PASS
			HCH	RB50#0	6.53	13	PASS
				RB1#0	4.84	13	PASS
				RB1#25	4.73	13	PASS
				RB1#49	4.55	13	PASS
				RB25#0	6.04	13	PASS
				RB25#13	5.87	13	PASS
			15	LCH	RB25#25	5.83	13
		RB50#0			6.88	13	PASS
		RB1#0			4.72	13	PASS
		RB1#38			4.83	13	PASS
		RB1#74			5.09	13	PASS
		RB38#0			6.15	13	PASS
		RB38#19			6.15	13	PASS
		MCH		RB38#39	6.39	13	PASS
				RB75#0	6.95	13	PASS
				RB1#0	5.02	13	PASS
				RB1#38	5.06	13	PASS
				RB1#74	5.00	13	PASS
				RB38#0	6.39	13	PASS
				RB38#19	6.34	13	PASS
		HCH		RB38#39	6.36	13	PASS
			RB75#0	6.75	13	PASS	
RB1#0	5.01		13	PASS			
RB1#38	4.52		13	PASS			
RB1#74	4.44		13	PASS			
RB38#0	6.22		13	PASS			
				RB38#19	6.01	13	PASS
				RB38#39	6.10	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	6.52	13	PASS
		20	LCH	RB1#0	4.51	13	PASS
				RB1#50	4.80	13	PASS
				RB1#99	4.90	13	PASS
				RB50#0	6.26	13	PASS
				RB50#25	6.22	13	PASS
				RB50#50	6.42	13	PASS
				RB100#0	6.82	13	PASS
			MCH	RB1#0	4.86	13	PASS
				RB1#50	4.77	13	PASS
				RB1#99	4.90	13	PASS
				RB50#0	6.45	13	PASS
				RB50#25	6.30	13	PASS
				RB50#50	6.42	13	PASS
				RB100#0	6.75	13	PASS
			HCH	RB1#0	4.55	13	PASS
				RB1#50	4.94	13	PASS
				RB1#99	4.25	13	PASS
				RB50#0	6.20	13	PASS
				RB50#25	6.49	13	PASS
				RB50#50	6.13	13	PASS
				RB100#0	6.63	13	PASS

## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

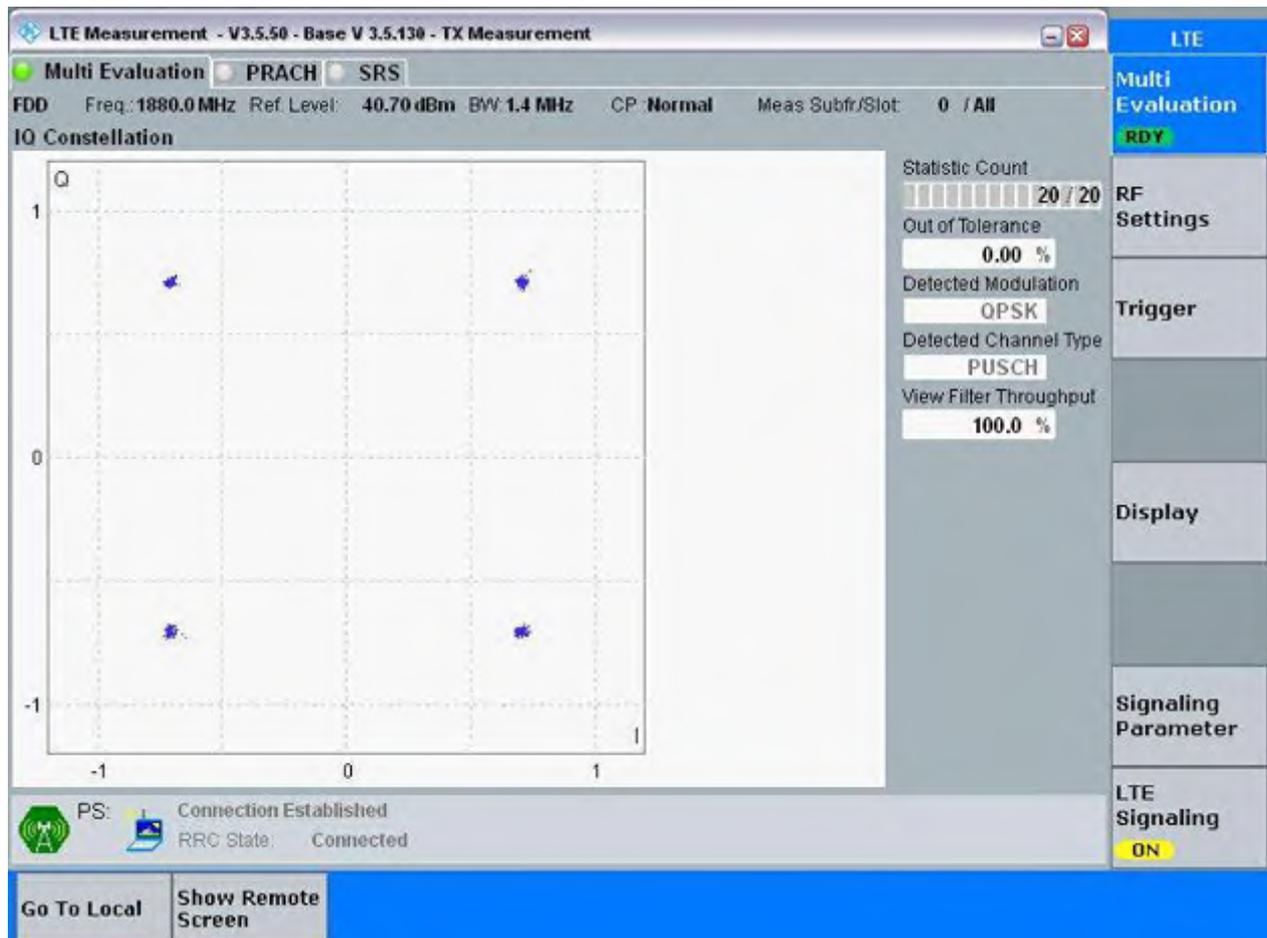
##### 3.1.1 Test Band = Band2

##### 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

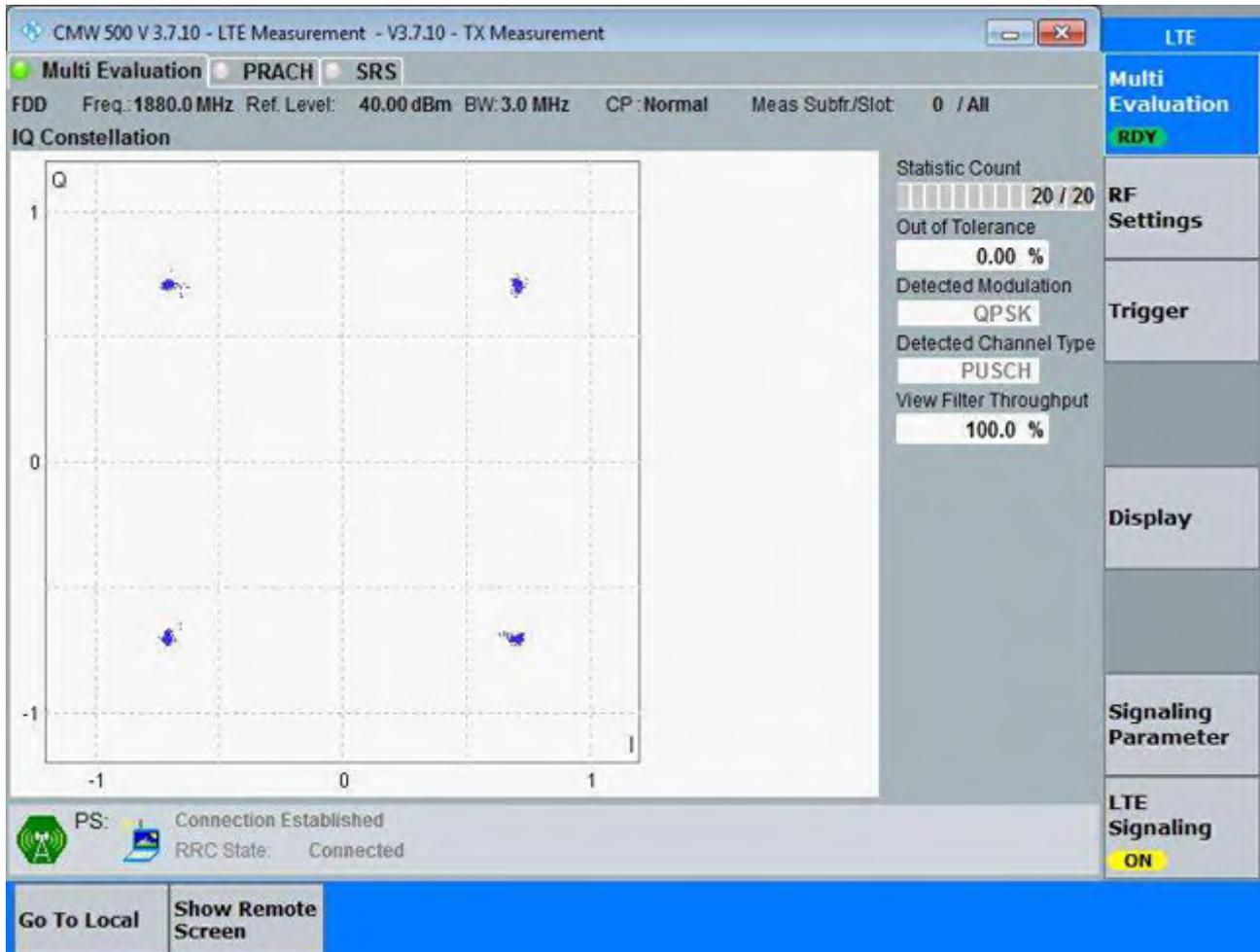
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

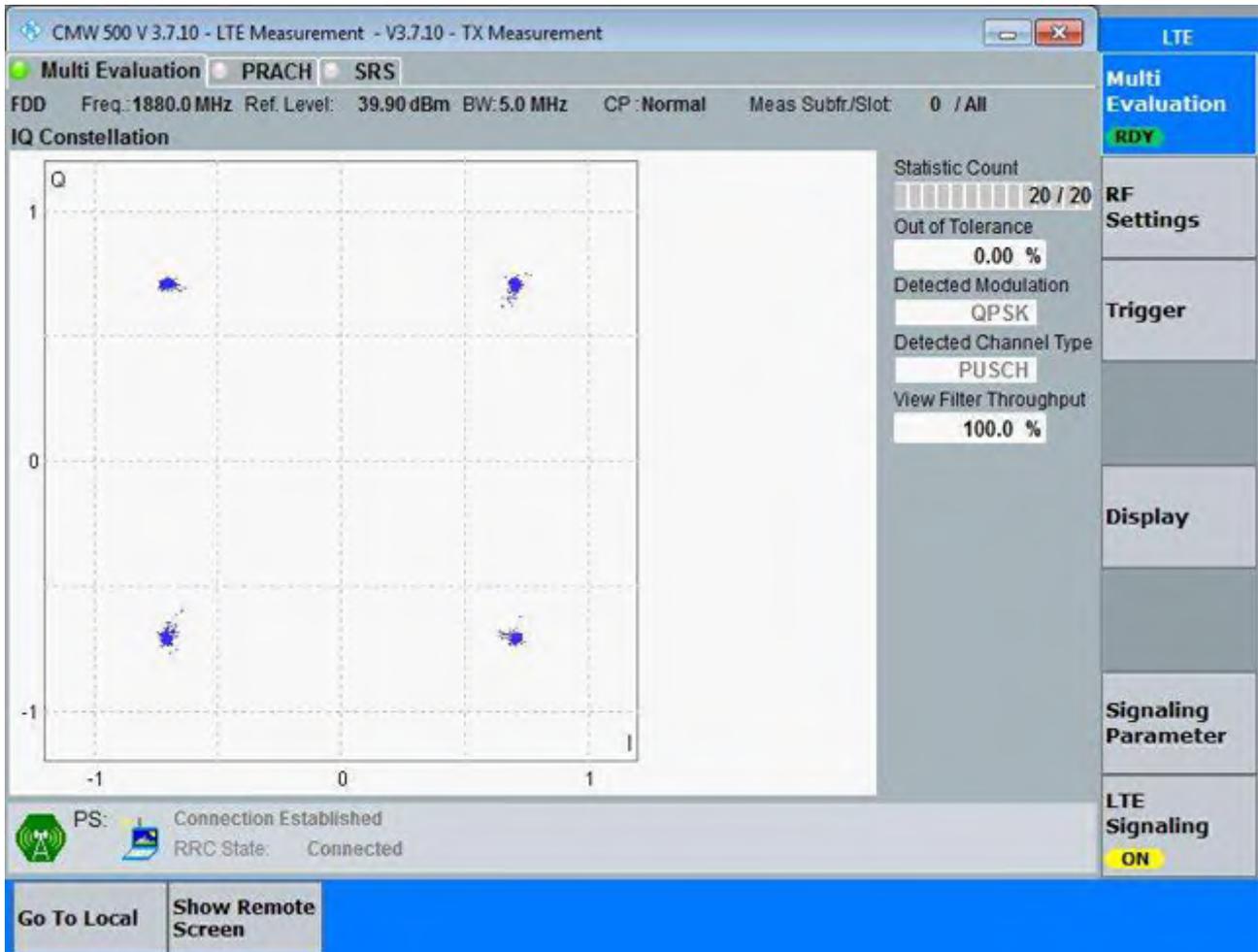
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

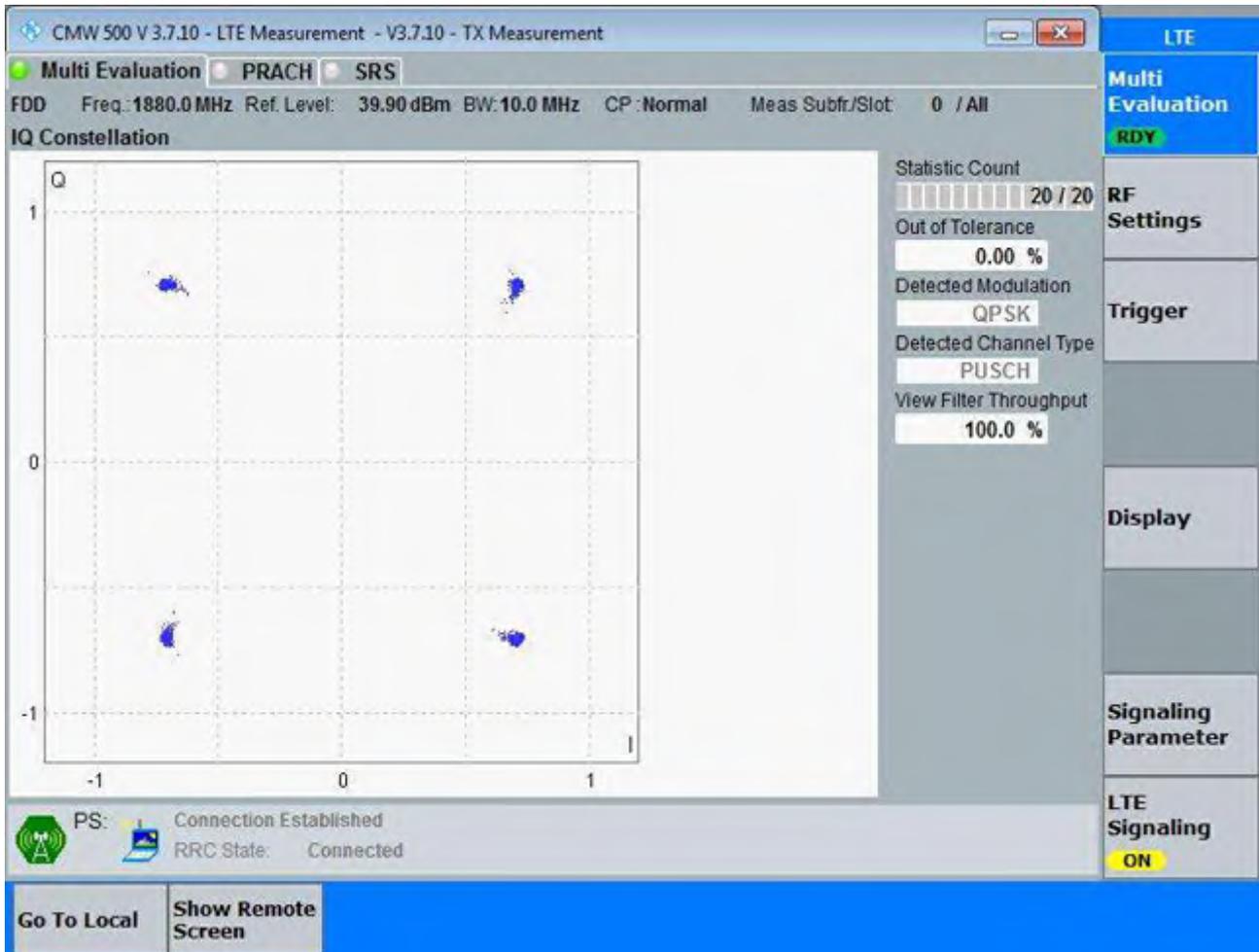
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

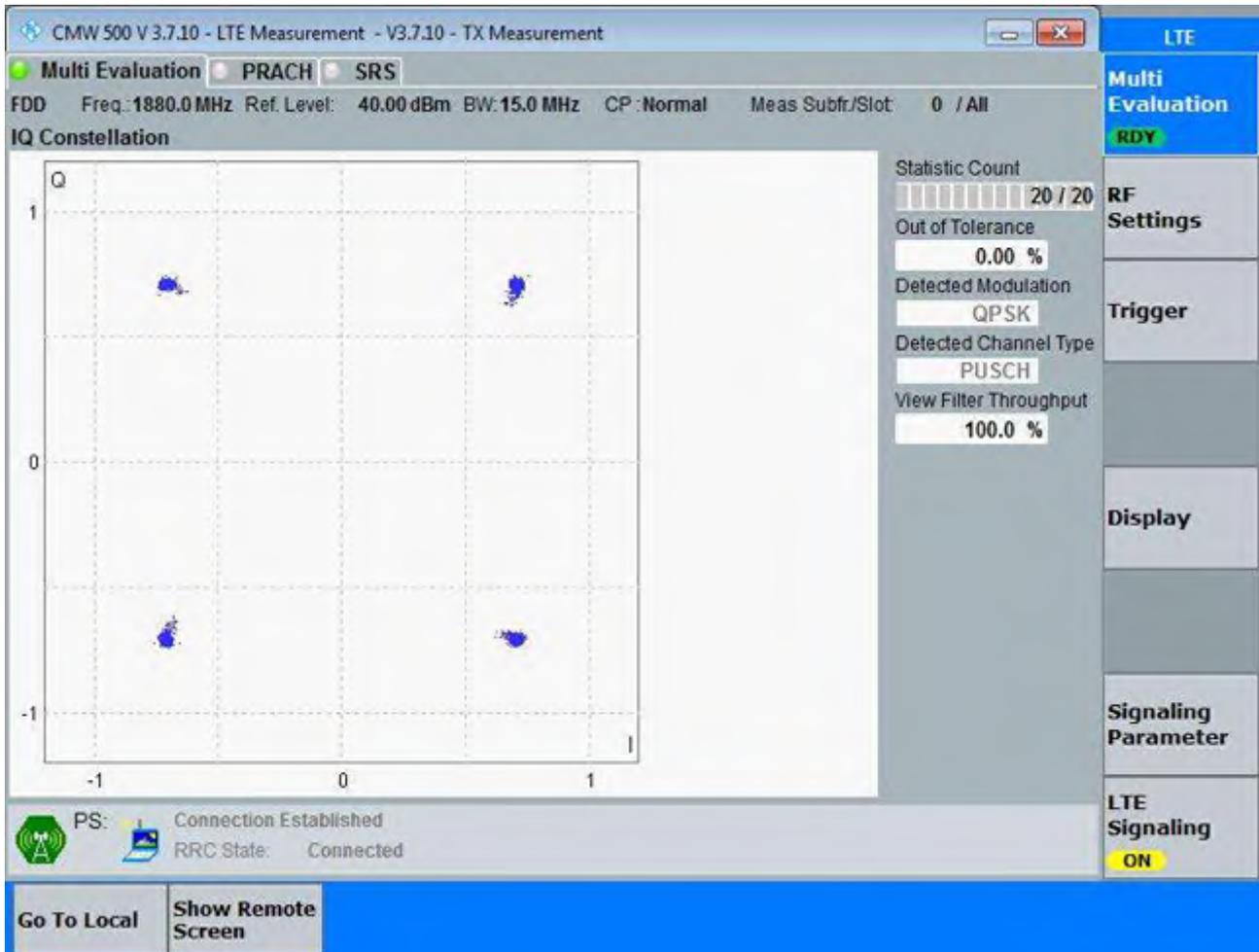
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

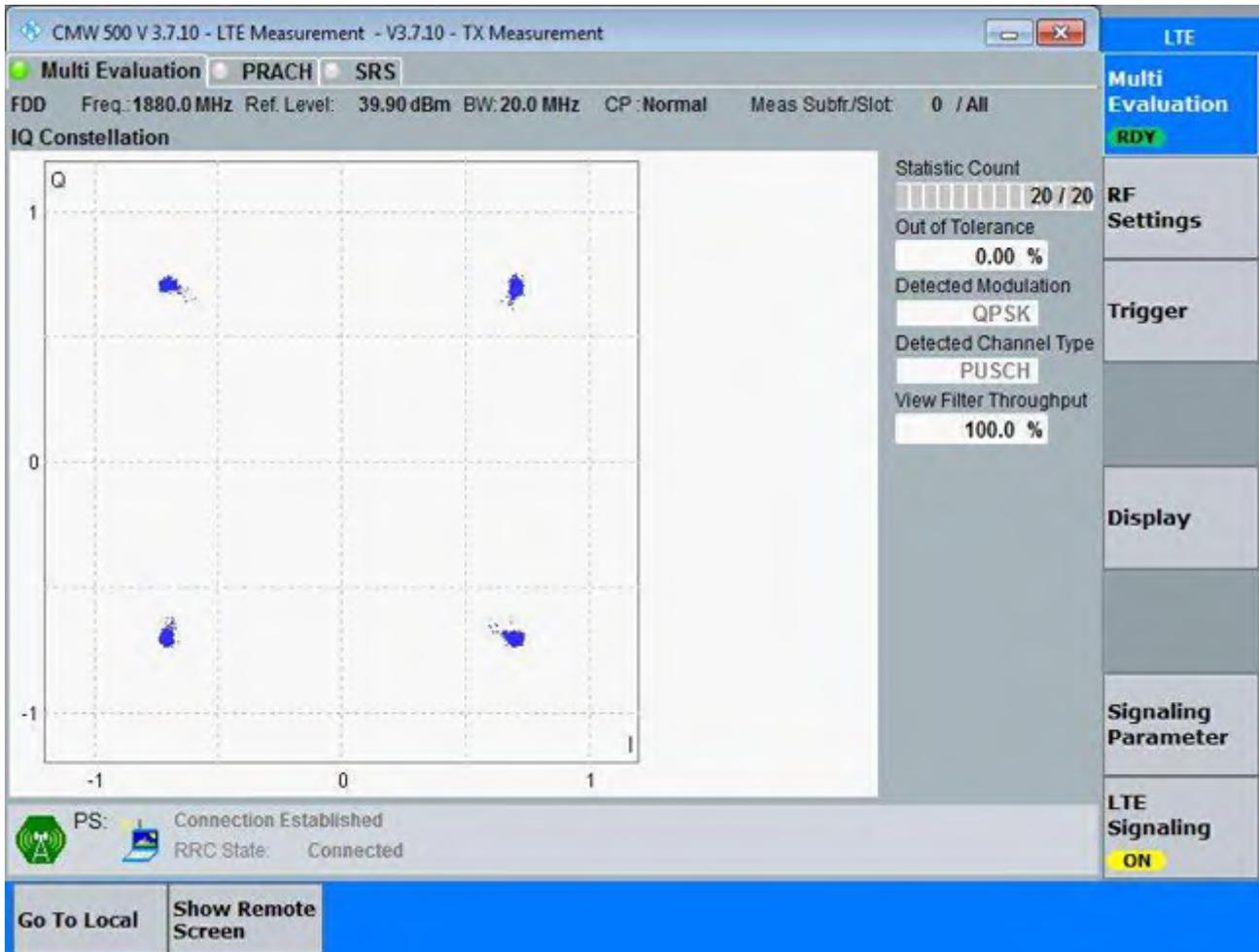
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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

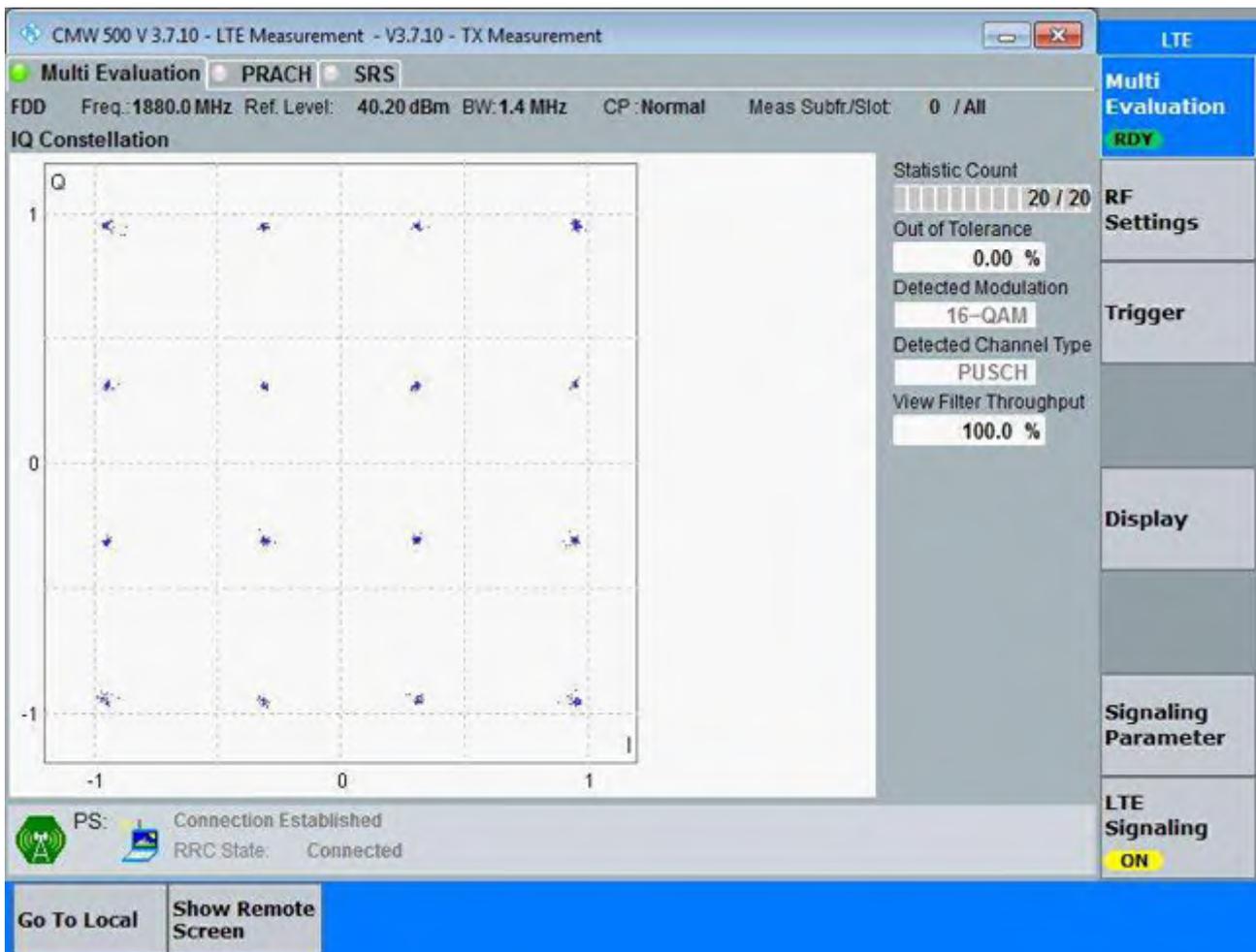


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

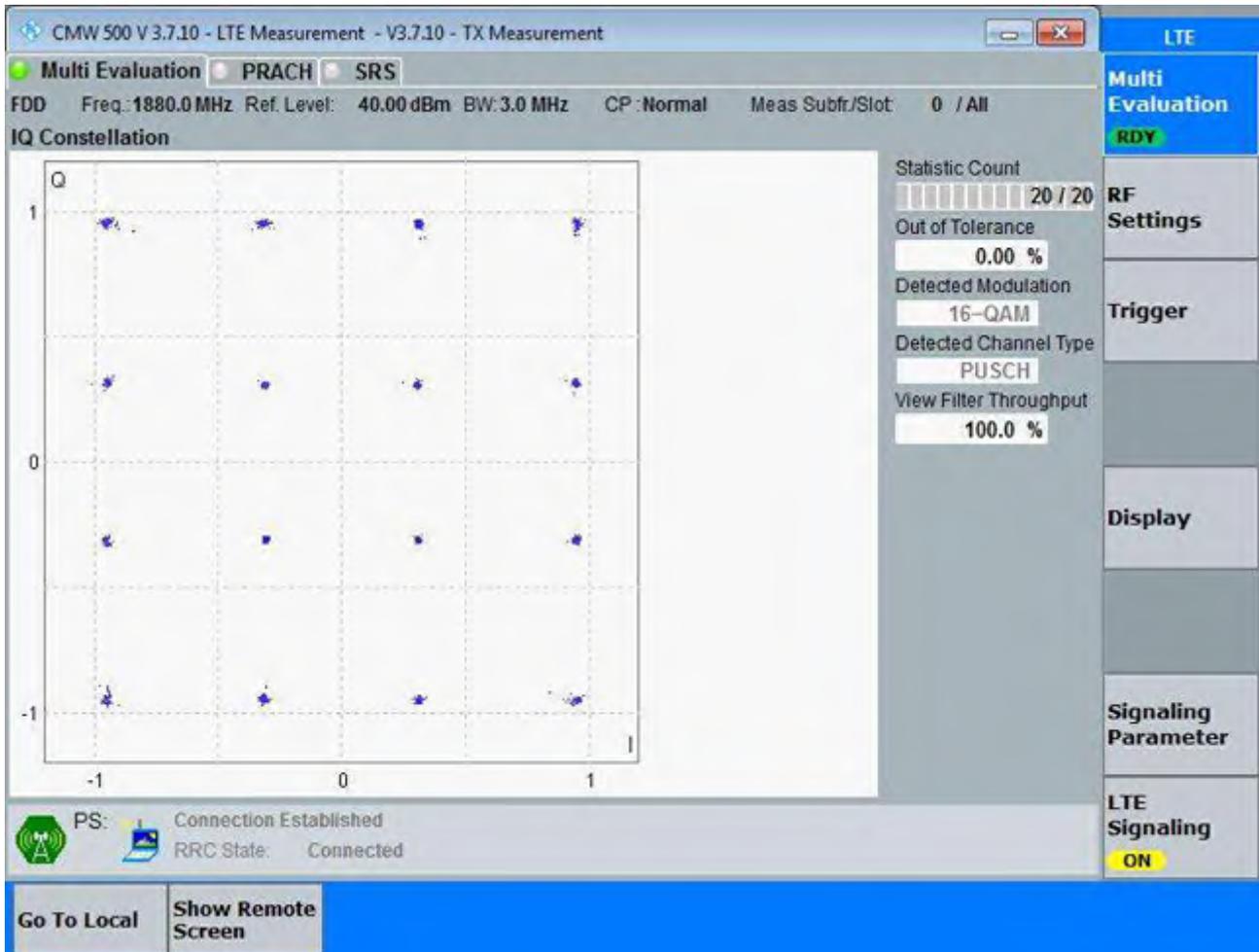
###### 3.1.1.2.1.1.1 Test RB = RB6#0



### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

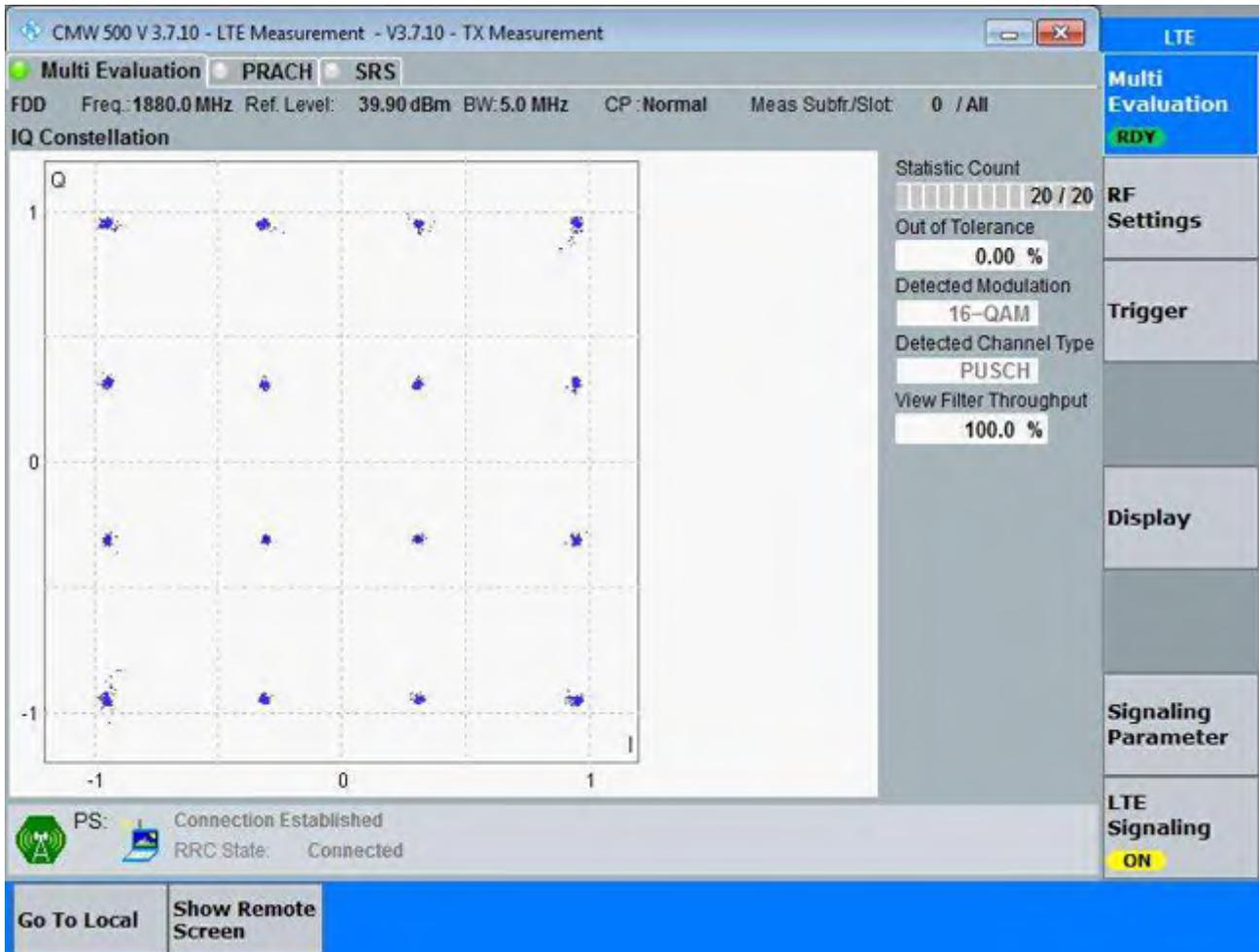
##### 3.1.1.2.2.1.1 Test RB = RB15#0



### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

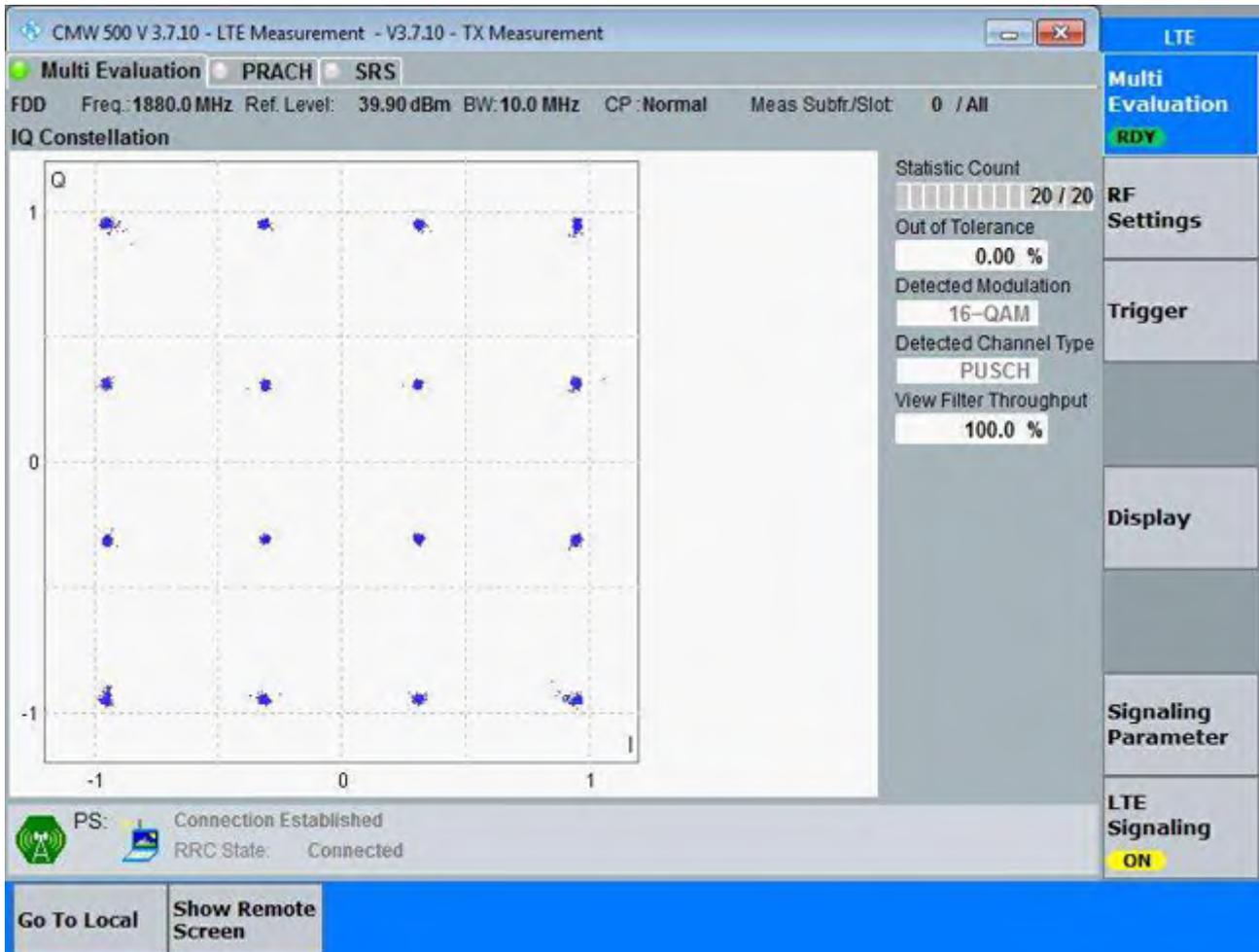
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

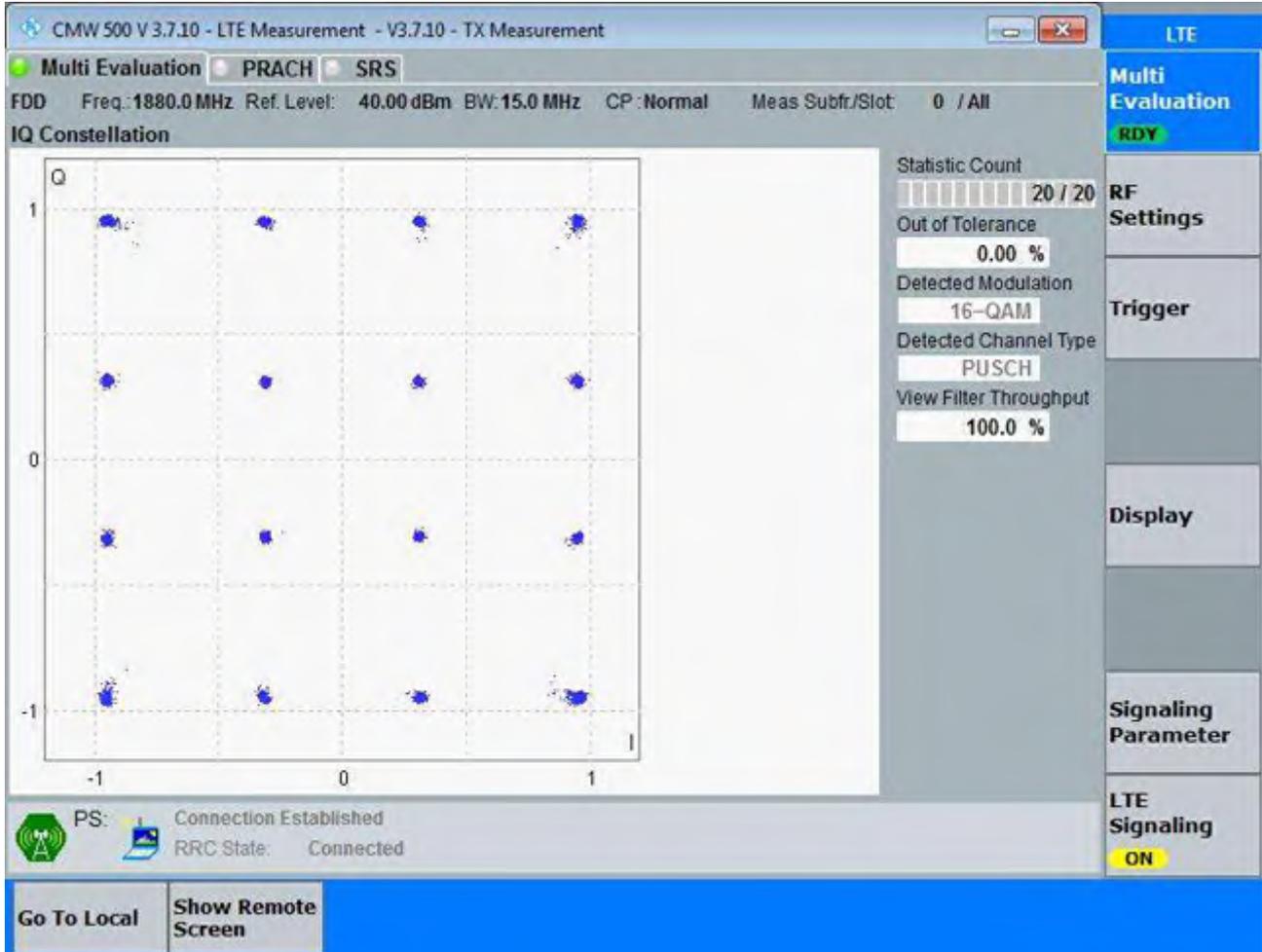
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

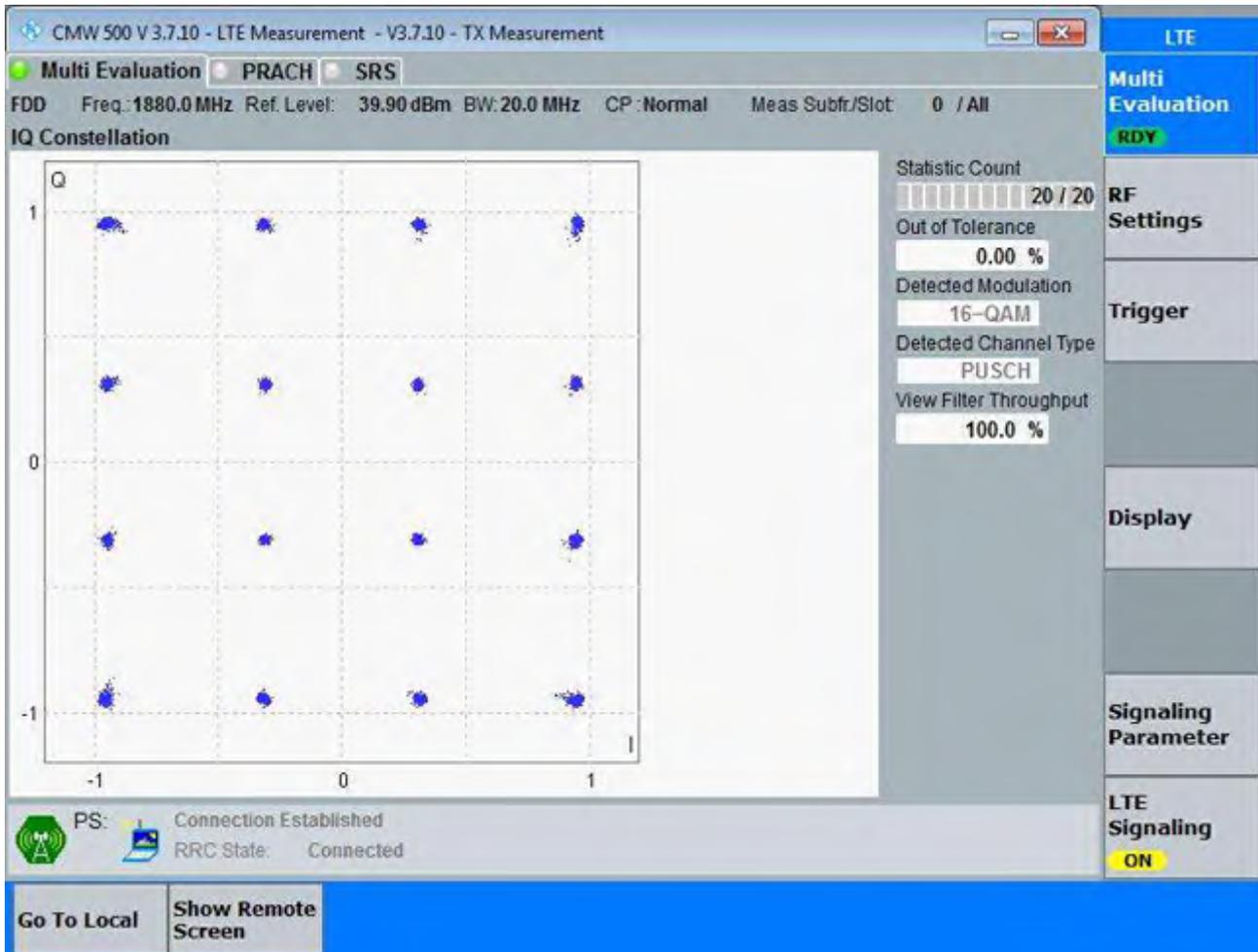
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	3.00	Pass
			MCH	RB15#0	2.70	2.98	Pass
			HCH	RB15#0	2.71	2.98	Pass
		5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.51	4.97	Pass
			HCH	RB25#0	4.51	4.97	Pass
		10	LCH	RB50#0	9.00	9.85	Pass
			MCH	RB50#0	9.00	9.89	Pass
			HCH	RB50#0	9.01	9.84	Pass
		15	LCH	RB75#0	13.54	15.01	Pass
			MCH	RB75#0	13.49	14.88	Pass
			HCH	RB75#0	13.52	14.97	Pass
		20	LCH	RB100#0	18.02	19.82	Pass
			MCH	RB100#0	17.99	19.74	Pass
			HCH	RB100#0	18.04	19.86	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.72	2.97	Pass
			MCH	RB15#0	2.71	2.99	Pass
			HCH	RB15#0	2.71	3.01	Pass
		5	LCH	RB25#0	4.51	4.99	Pass
			MCH	RB25#0	4.52	4.97	Pass
			HCH	RB25#0	4.50	4.97	Pass
10		LCH	RB50#0	9.01	9.88	Pass	
		MCH	RB50#0	9.00	9.86	Pass	
		HCH	RB50#0	9.00	9.84	Pass	
15		LCH	RB75#0	13.56	14.93	Pass	
		MCH	RB75#0	13.48	14.96	Pass	
		HCH	RB75#0	13.49	15.02	Pass	
20		LCH	RB100#0	18.01	19.74	Pass	
		MCH	RB100#0	17.97	19.71	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	18.06	19.78	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**





4.1.1.1.2 Test Channel = MCH

4.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0



4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

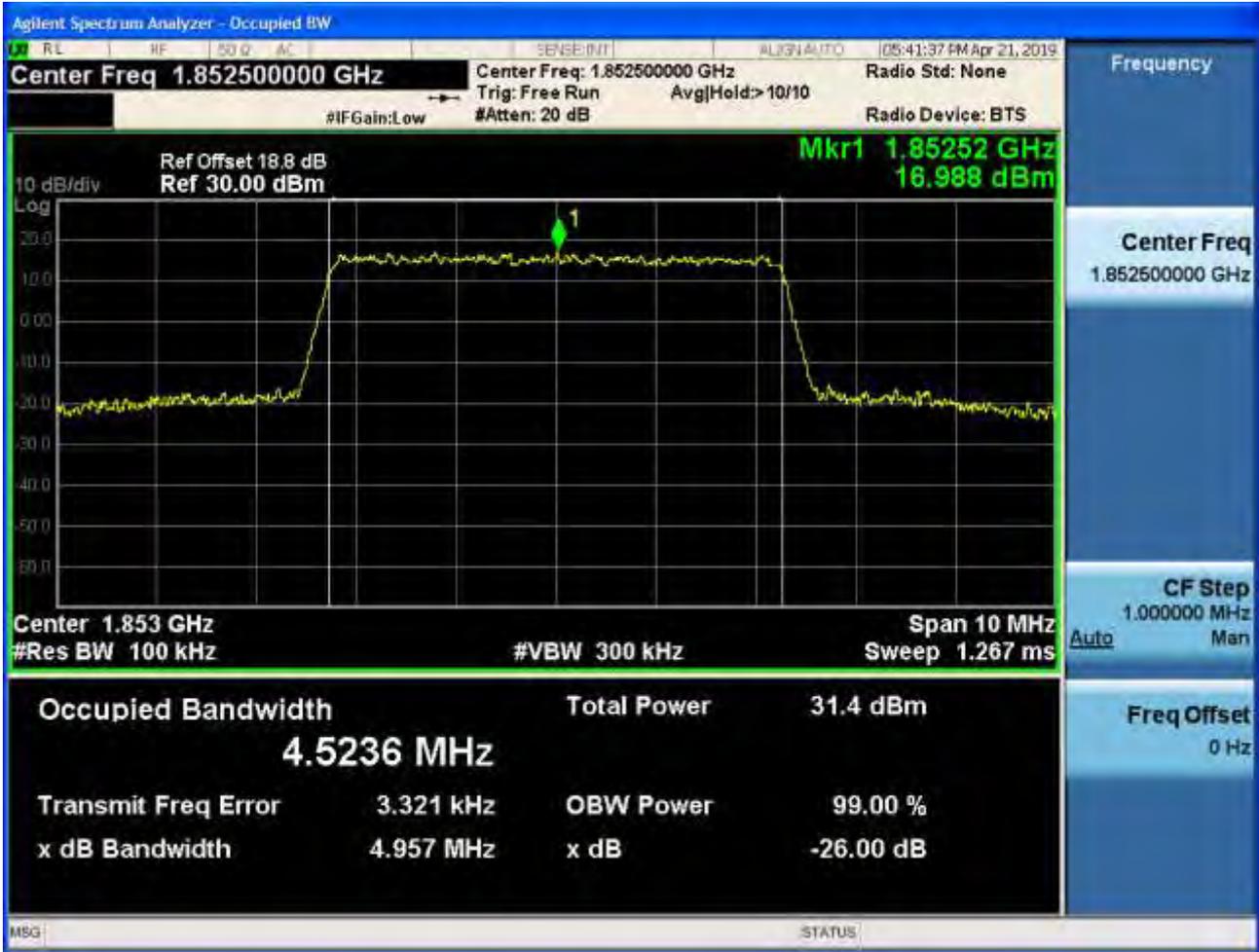
4.1.1.1.2.3.1 Test RB = RB15#0



4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0





4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

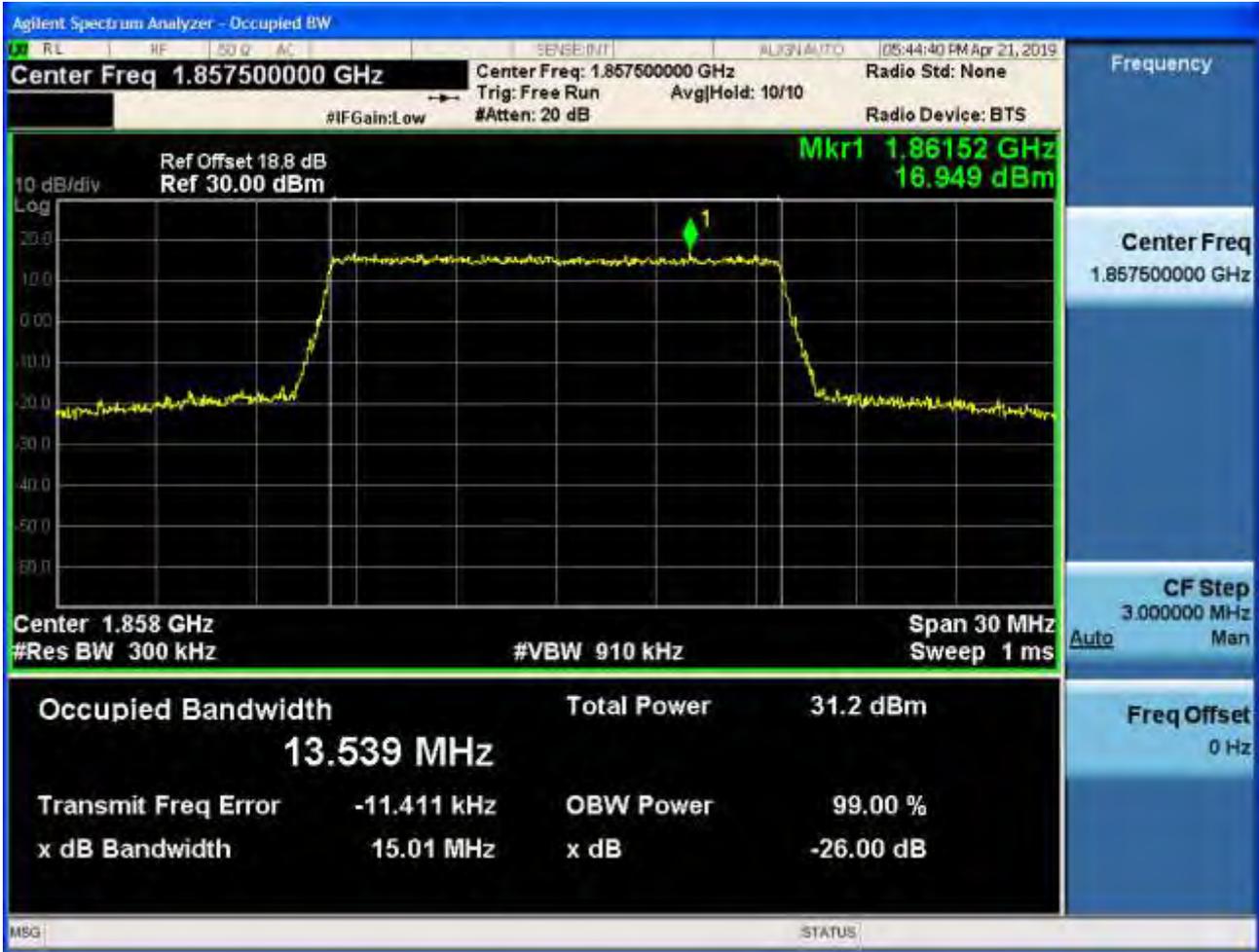
4.1.1.1.4.3.1 Test RB = RB50#0



4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0





4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0





4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB6#0





### 4.1.1.2.1.2 Test Channel = MCH

#### 4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

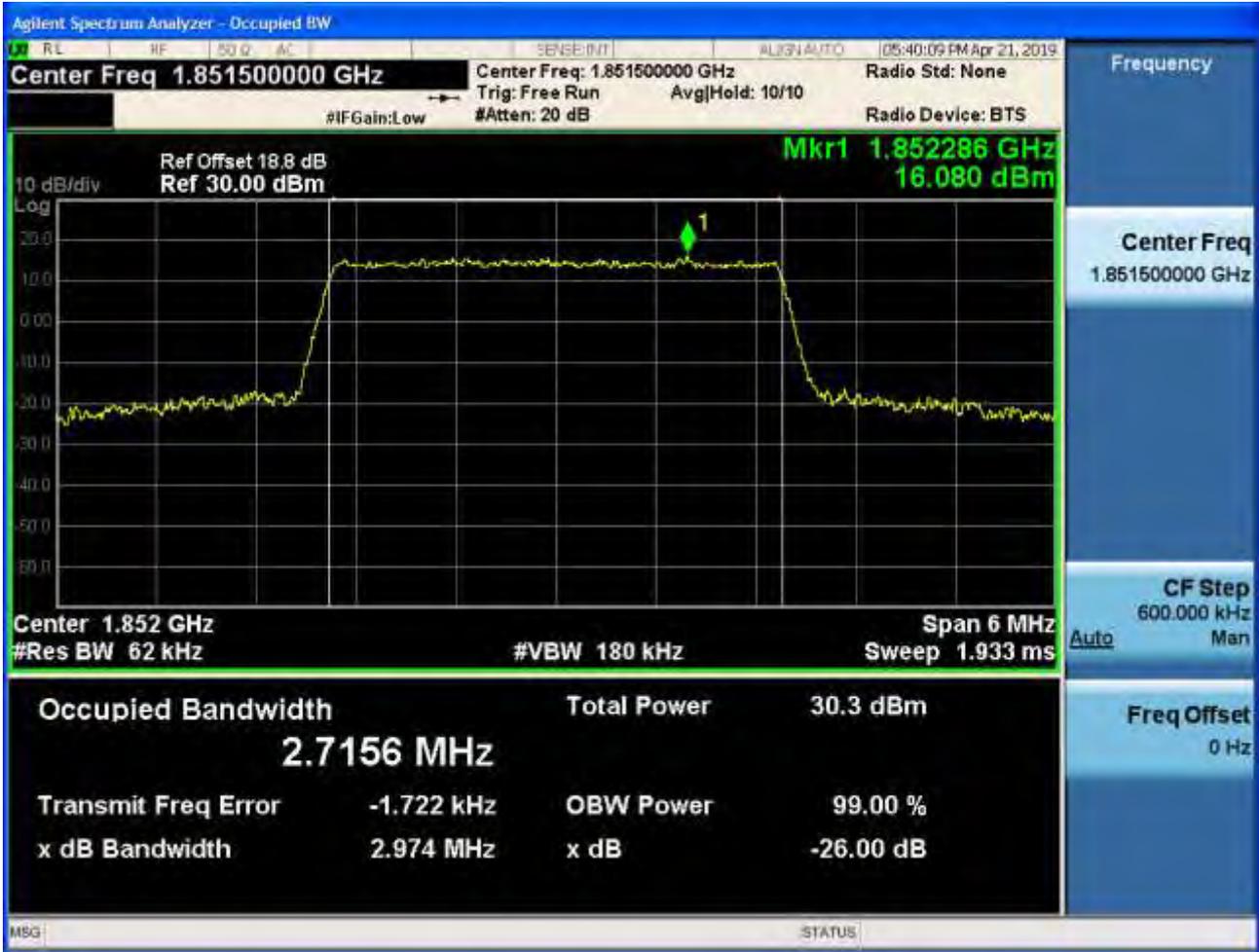




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB15#0





4.1.1.2.2.3 Test Channel = HCH

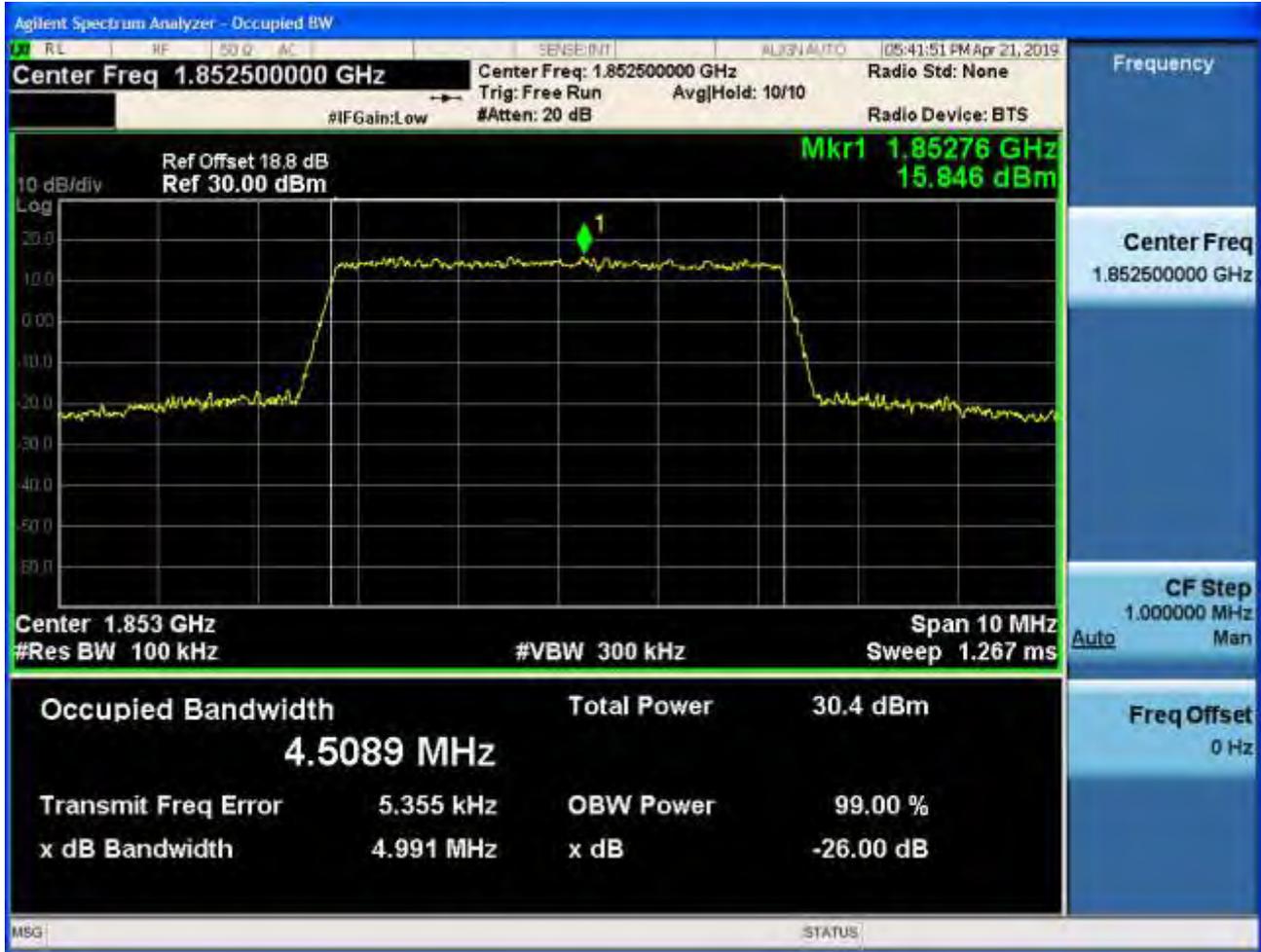
4.1.1.2.2.3.1 Test RB = RB15#0



4.1.1.2.3 Test Bandwidth = 5

4.1.1.2.3.1 Test Channel = LCH

4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

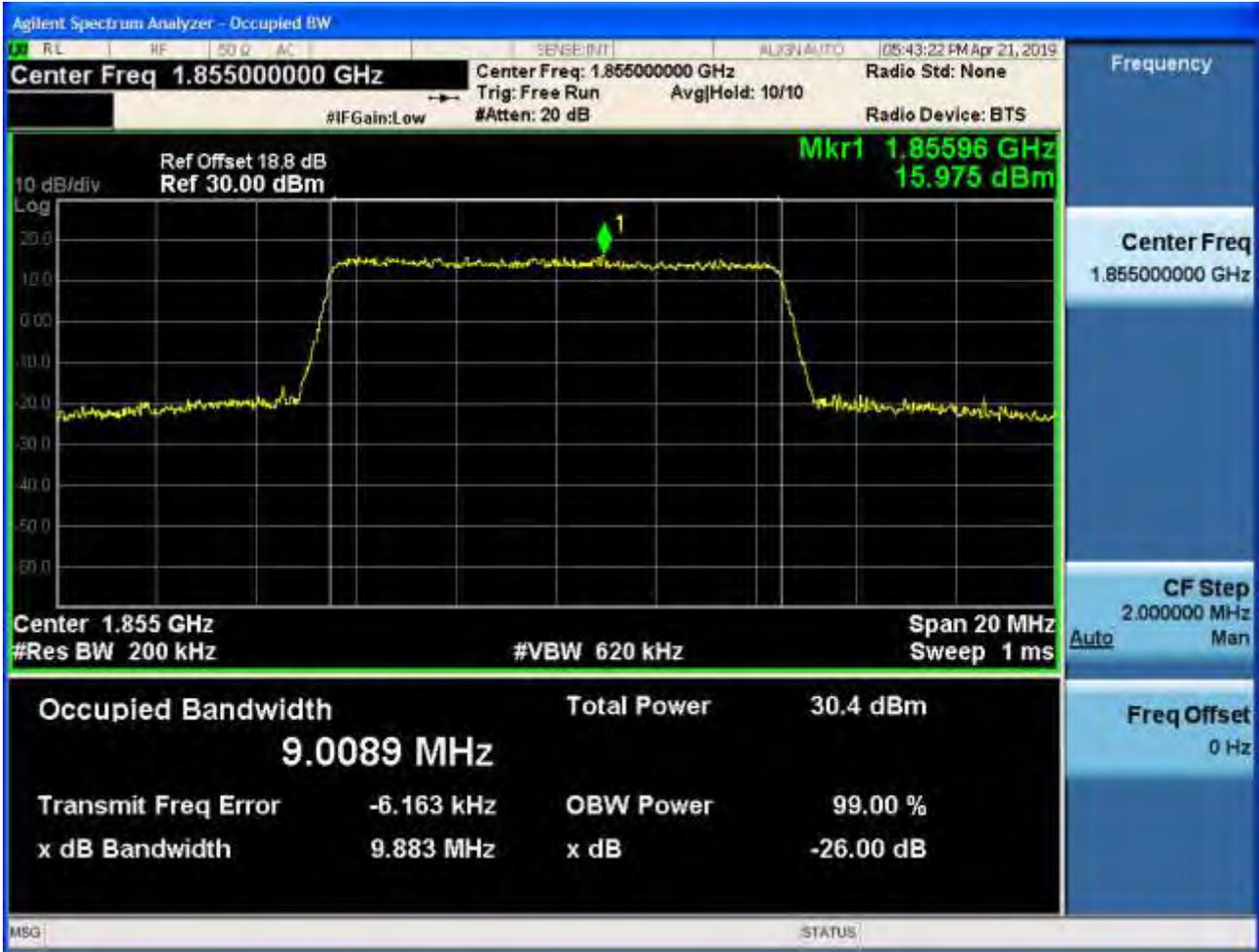
4.1.1.2.3.3.1 Test RB = RB25#0



4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0



4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

4.1.1.2.5.1.1 Test RB = RB75#0



4.1.1.2.5.2 Test Channel = MCH

4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

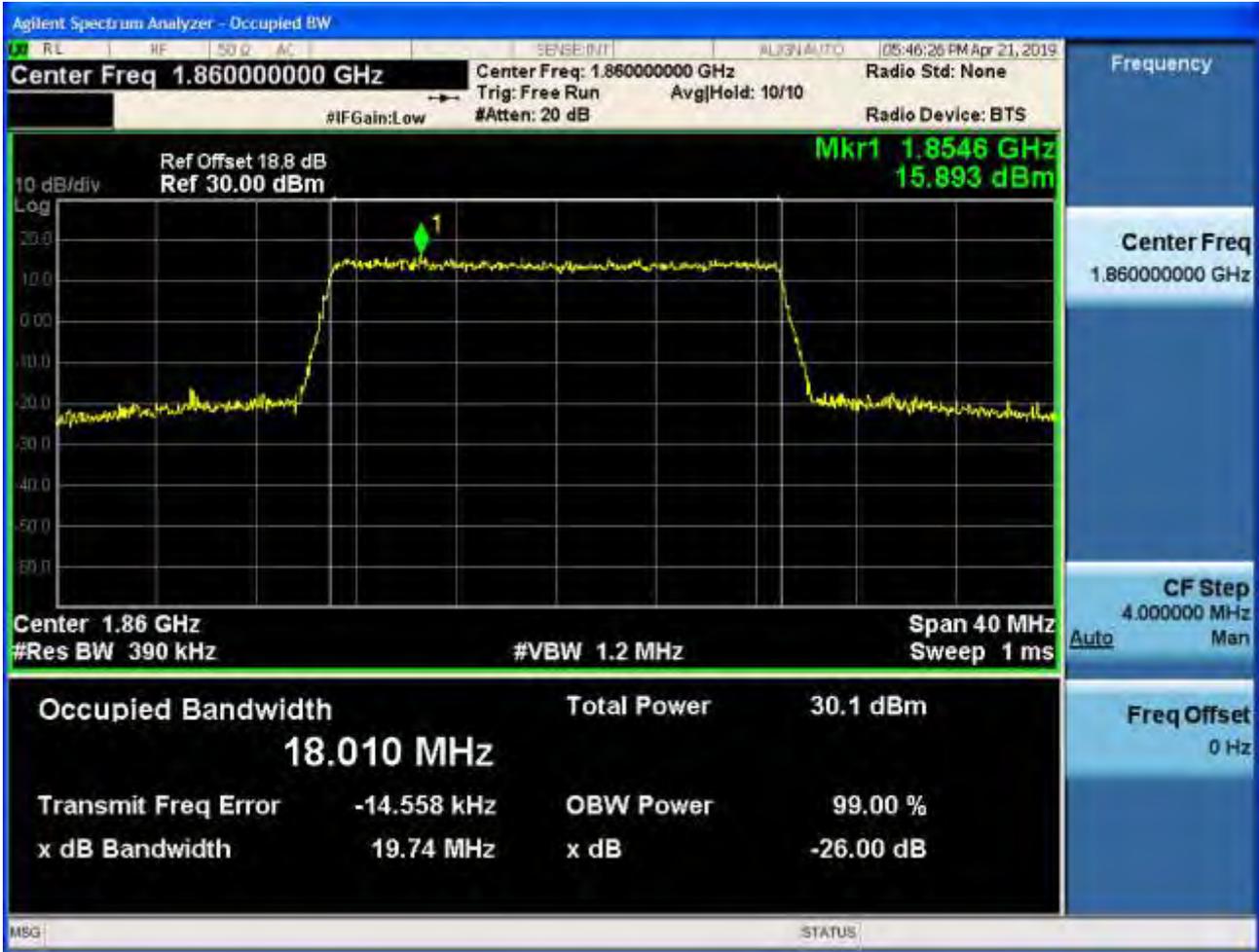
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.1 For LTE

##### 5.1.1 Test Band = 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



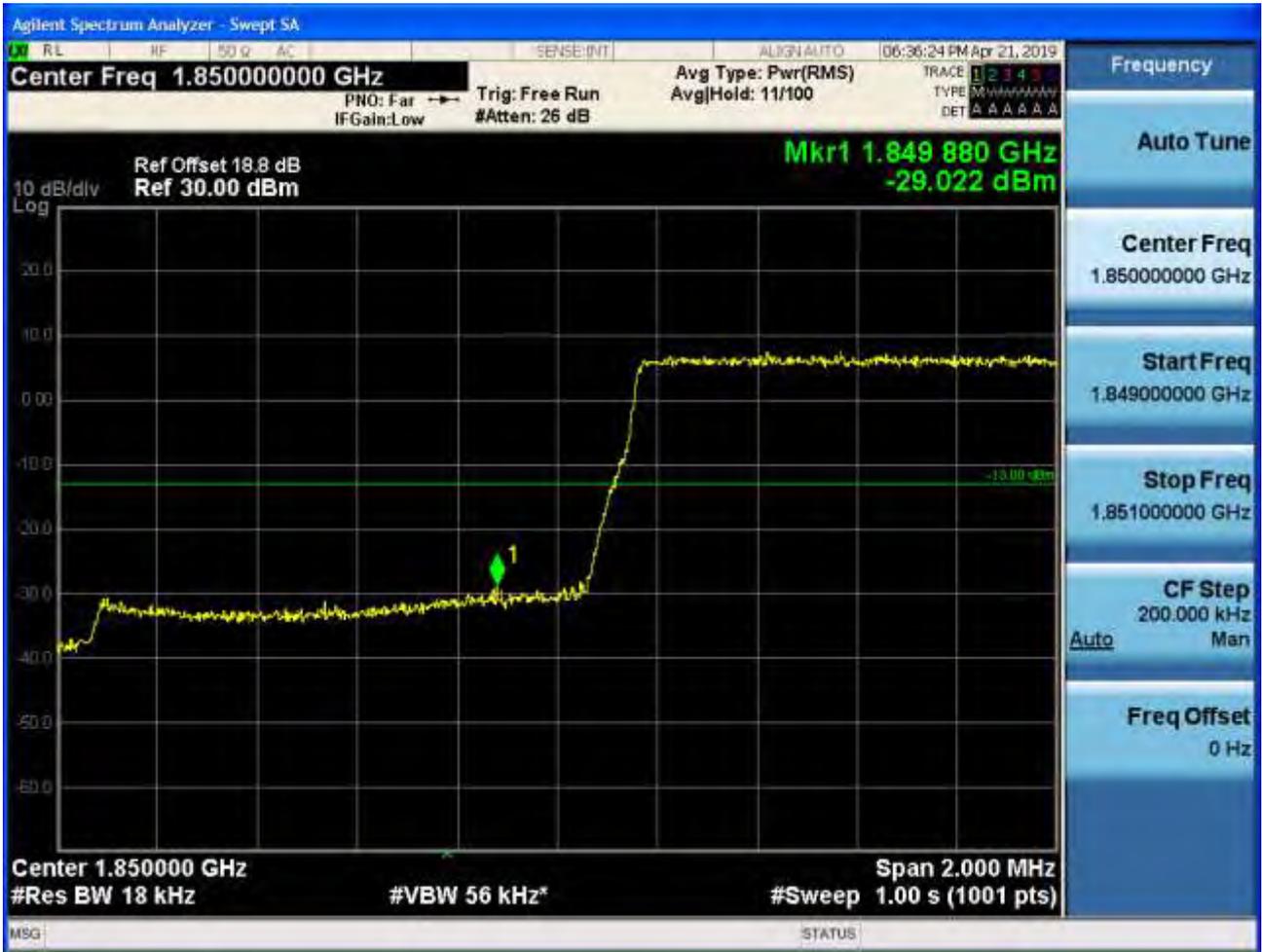


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





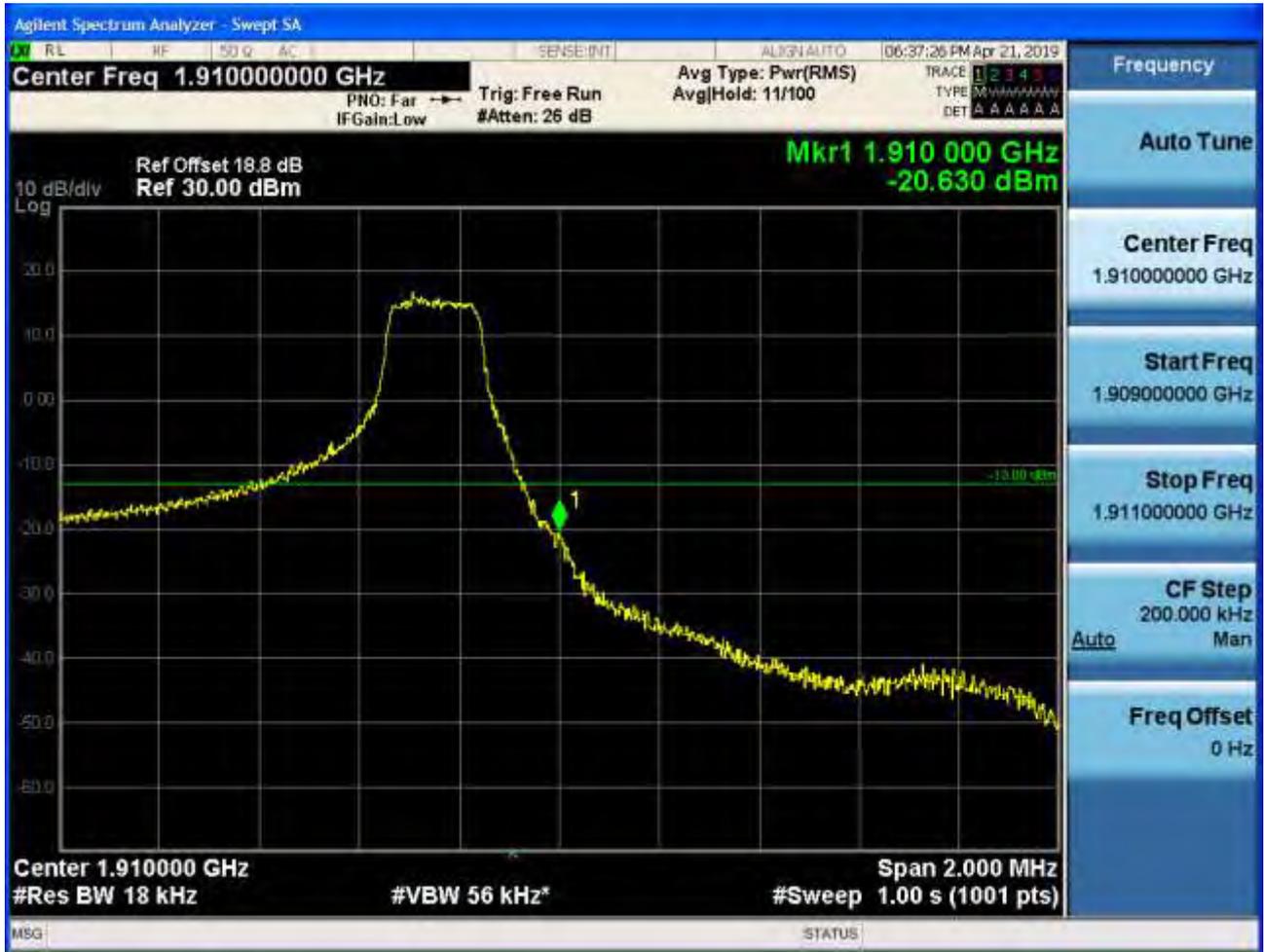
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





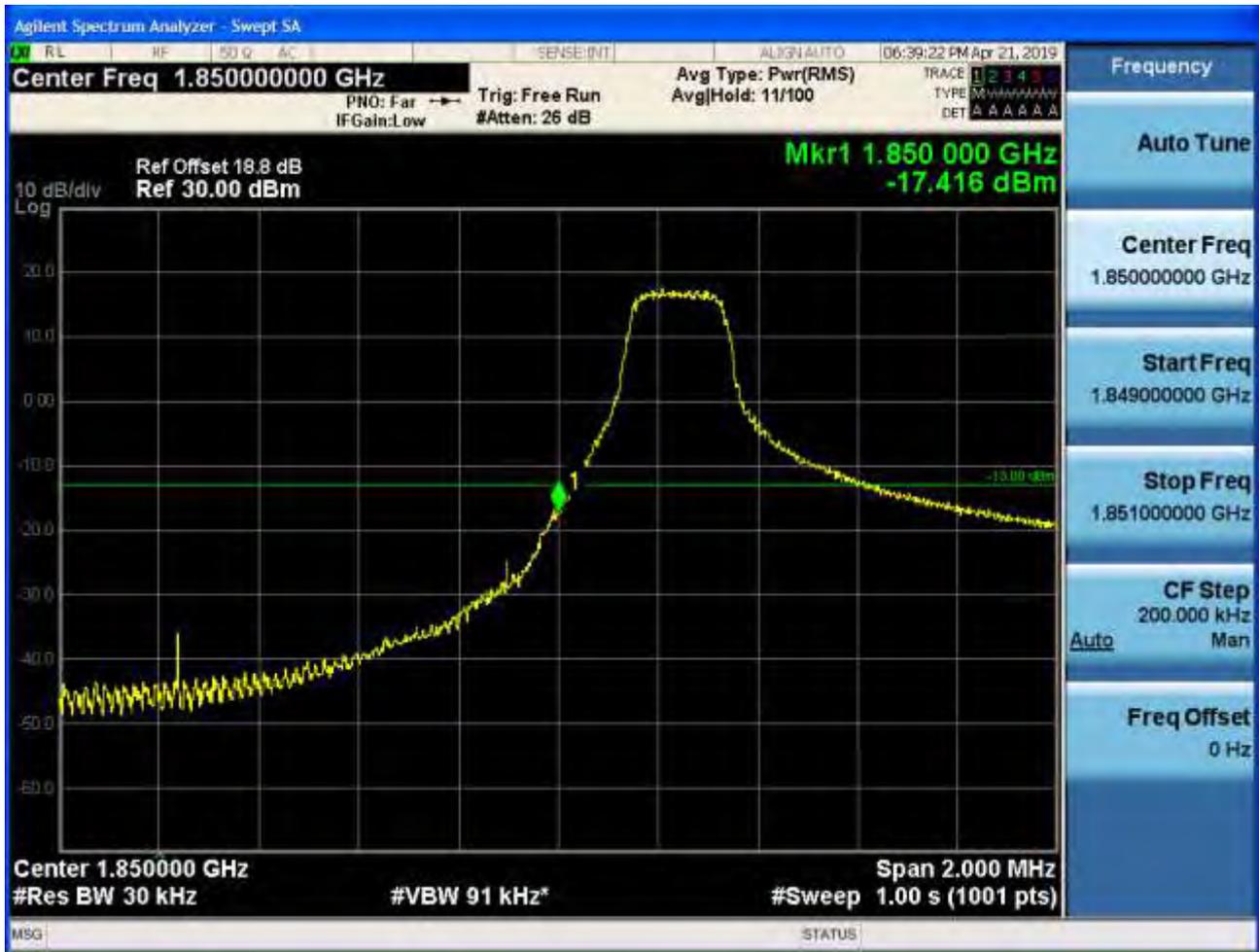
5.1.1.1.2.4 Test RB = RB6#0



### 5.1.1.1.2 Test Bandwidth = 3

#### 5.1.1.1.2.1 Test Channel = LCH

##### 5.1.1.1.2.1.1 Test RB = RB1#0





5.1.1.1.2.1.2 Test RB = RB1#14



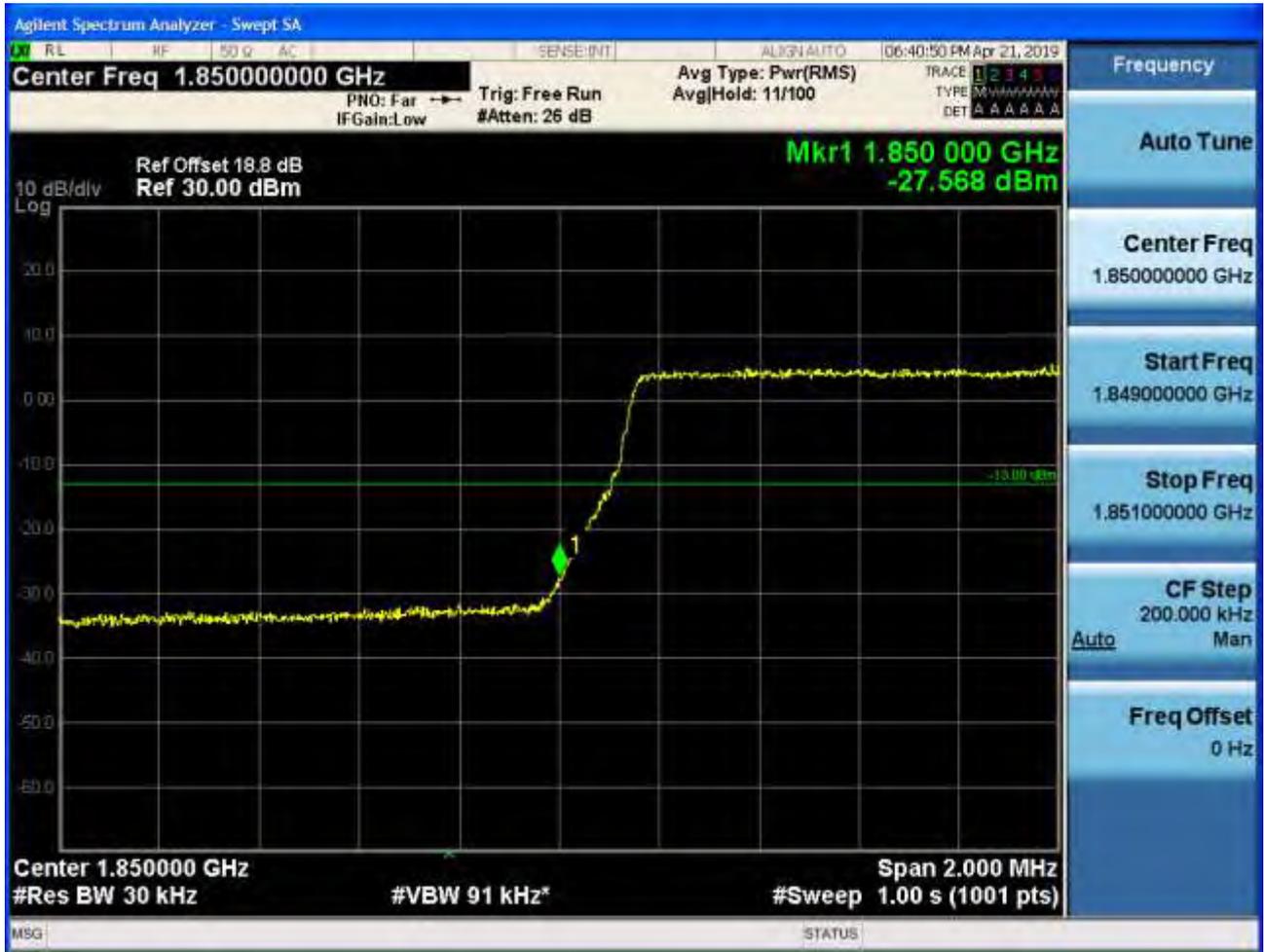


5.1.1.1.2.1.3 Test RB = RB#4





5.1.1.1.2.1.4 Test RB = RB15#0







5.1.1.1.2.2.2 Test RB = RB1#14



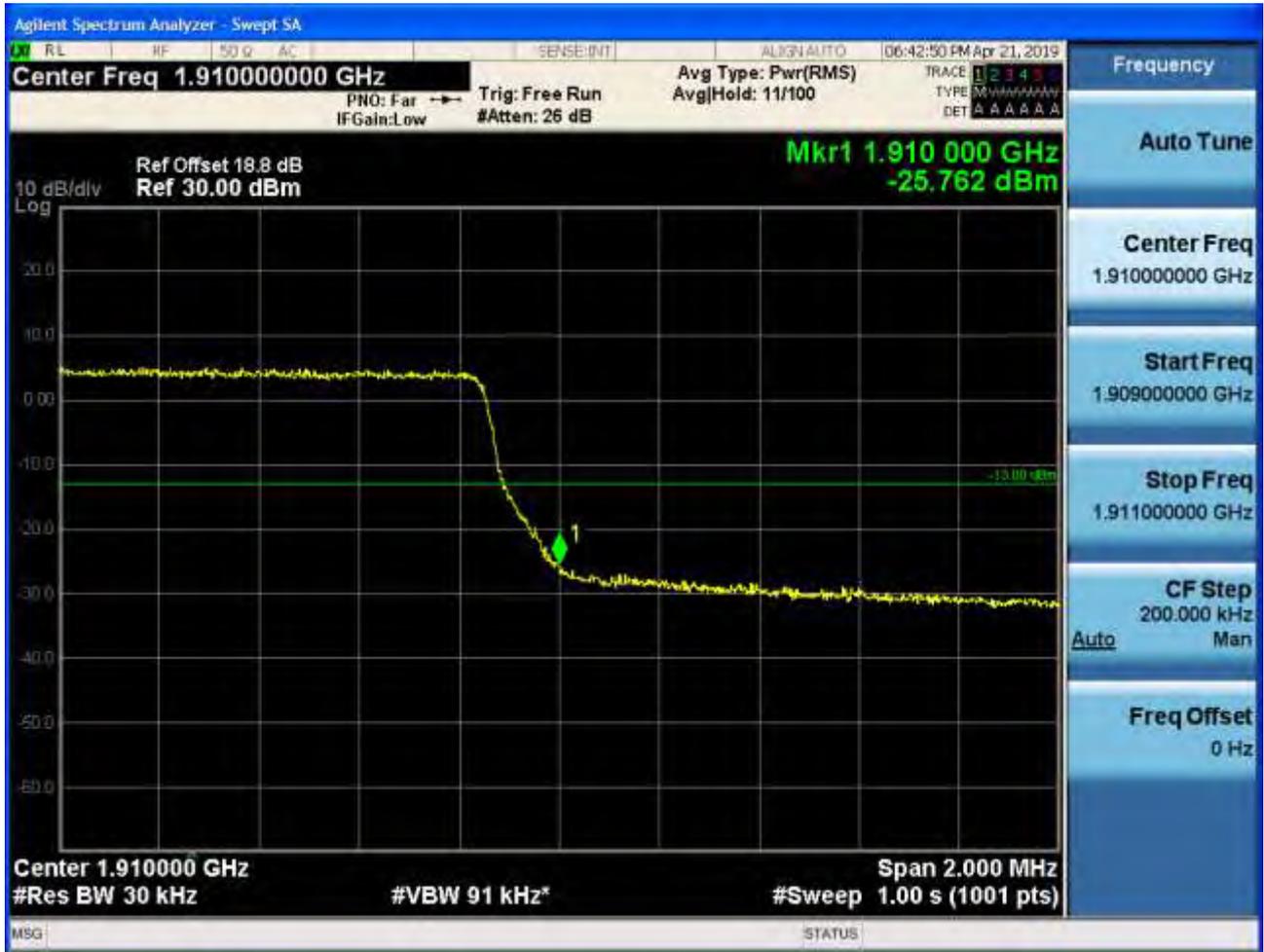


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0



### 5.1.1.1.3 Test Bandwidth = 5

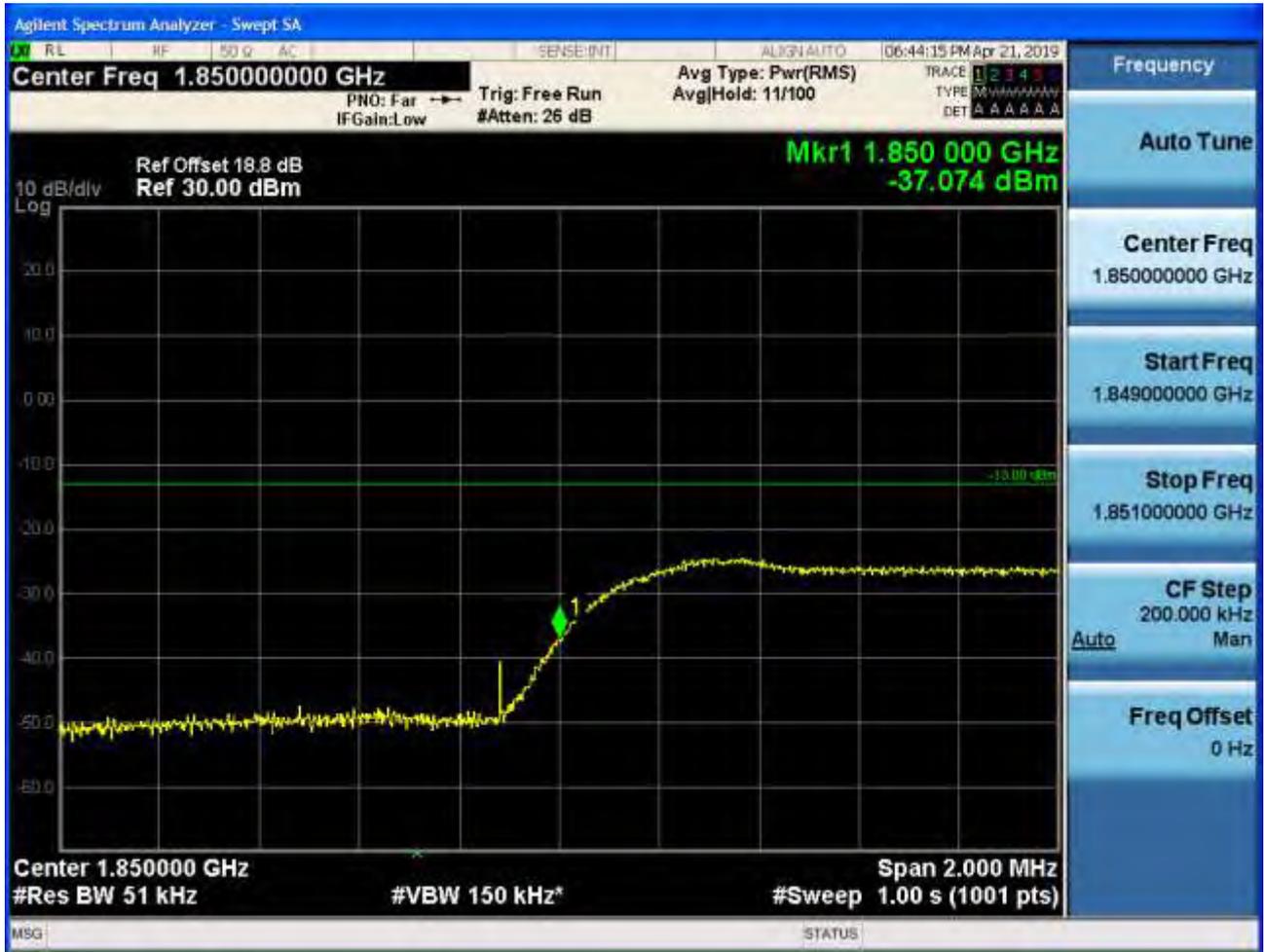
#### 5.1.1.1.3.1 Test Channel = LCH

##### 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







5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





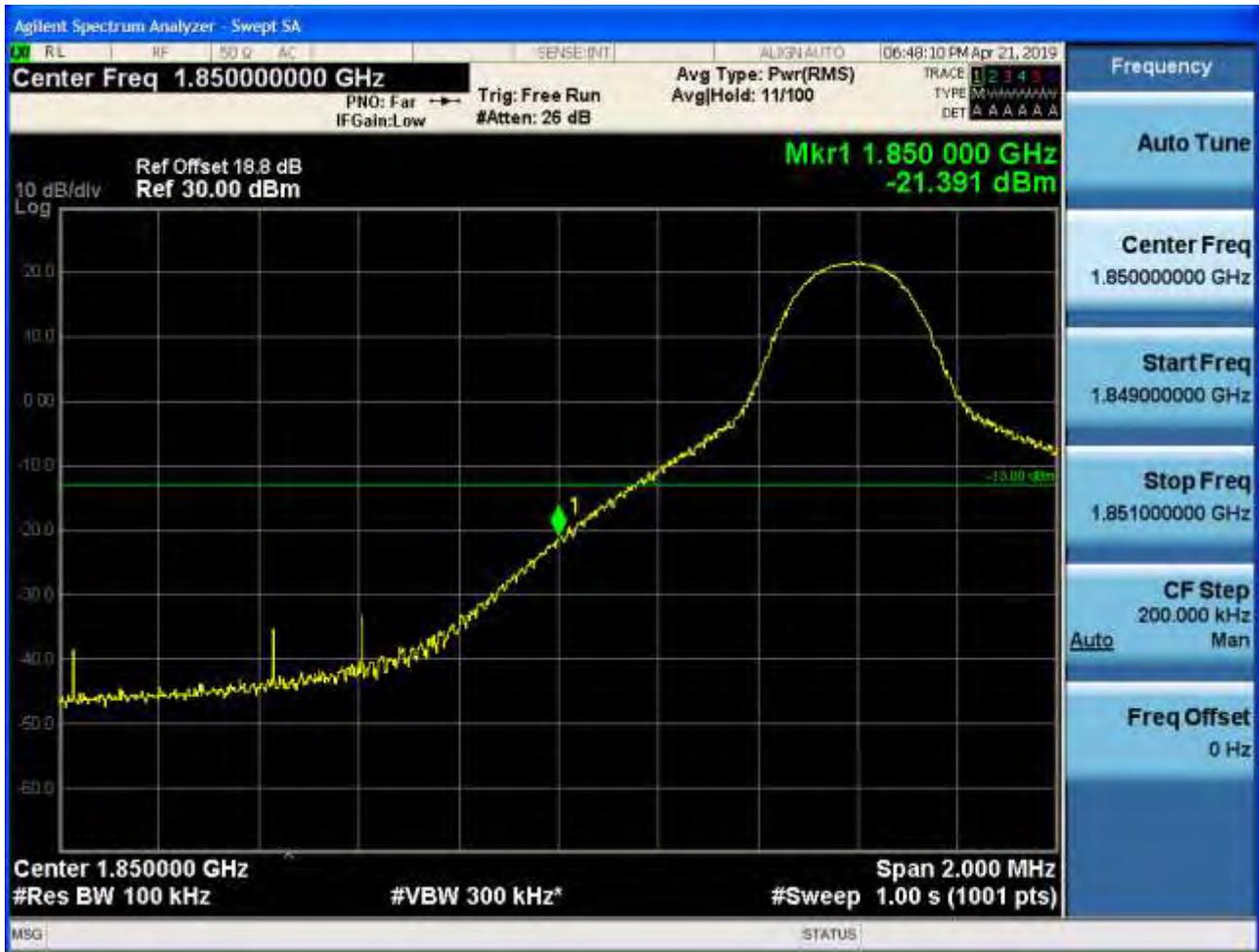
5.1.1.1.3.2.4 Test RB = RB25#0



### 5.1.1.1.4 Test Bandwidth = 10

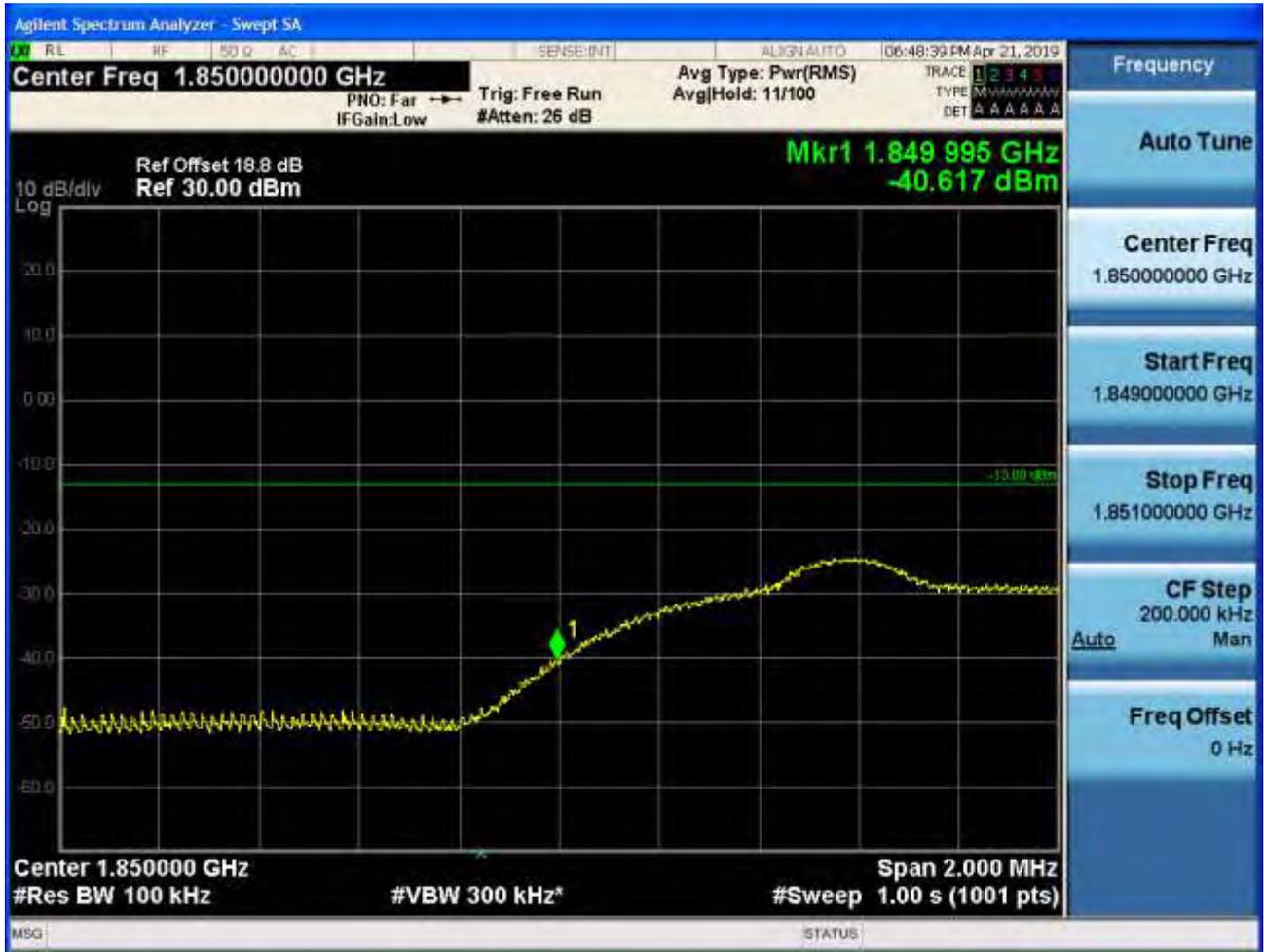
#### 5.1.1.1.4.1 Test Channel = LCH

##### 5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49







5.1.1.1.4.1.4 Test RB = RB50#0





### 5.1.1.1.4.2 Test Channel = HCH

#### 5.1.1.1.4.2.1 Test RB = RB1#0



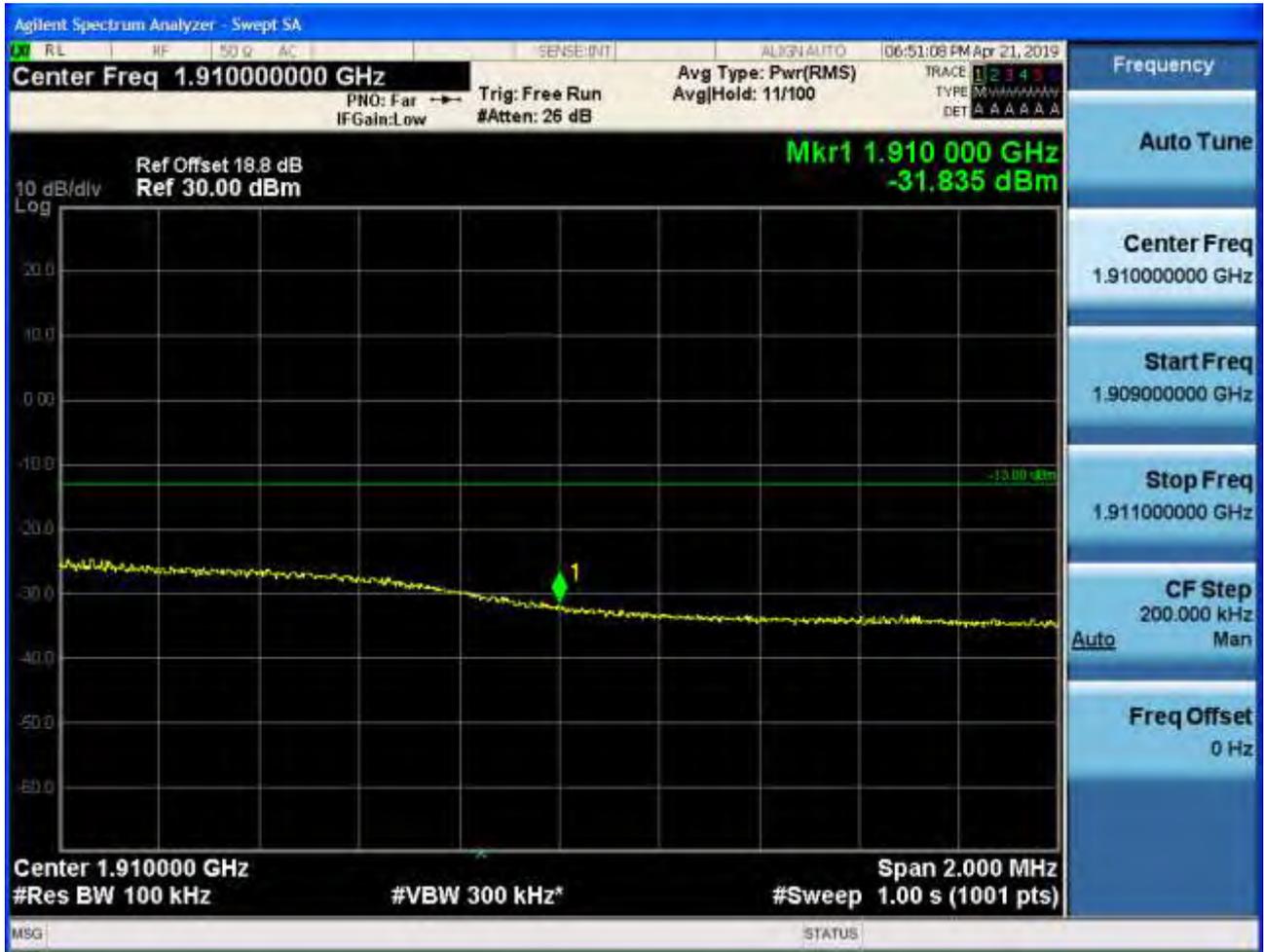


5.1.1.1.4.2.2 Test RB = RB1#49





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



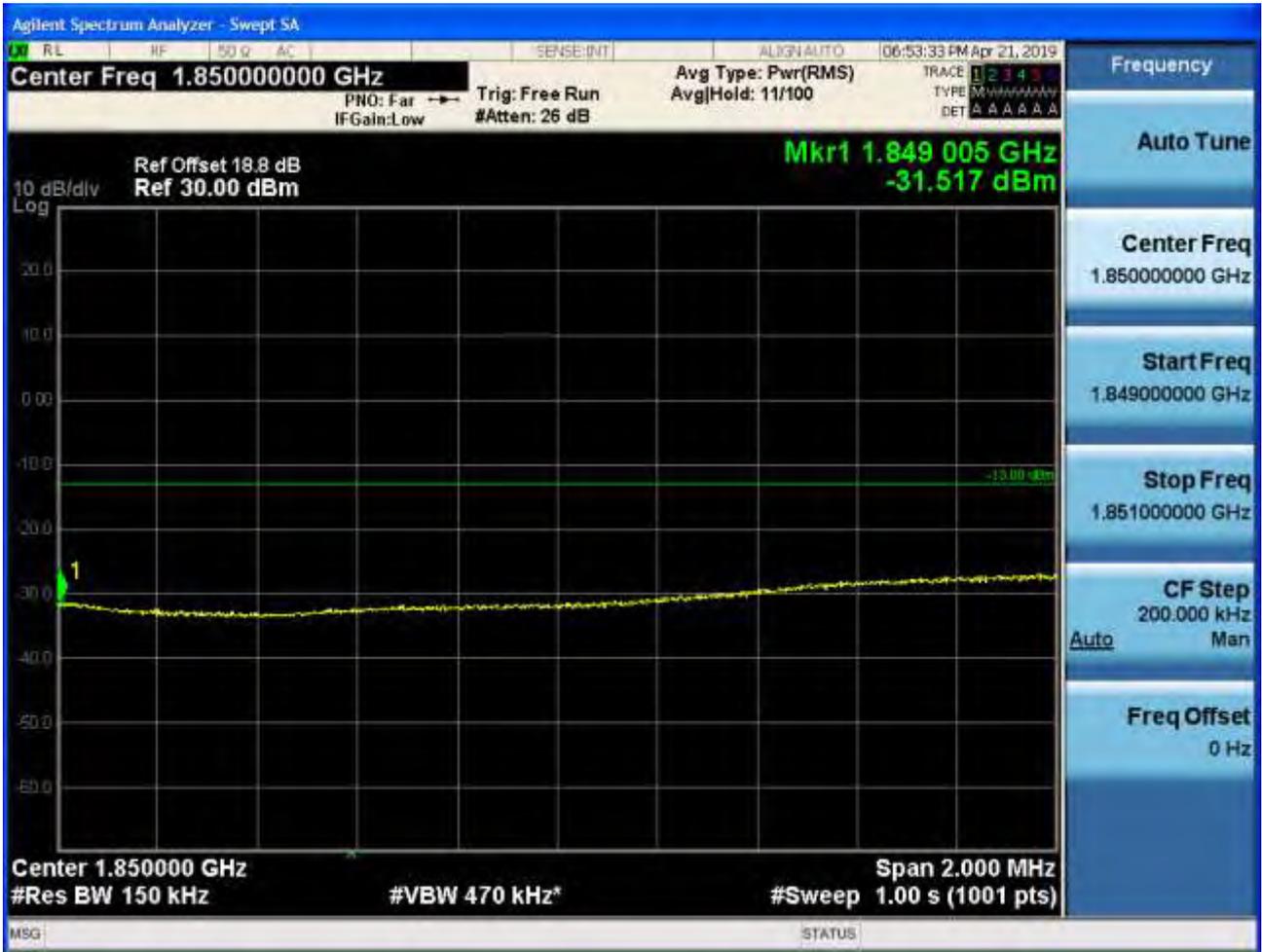


5.1.1.1.5.1.2 Test RB = RB1#74





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



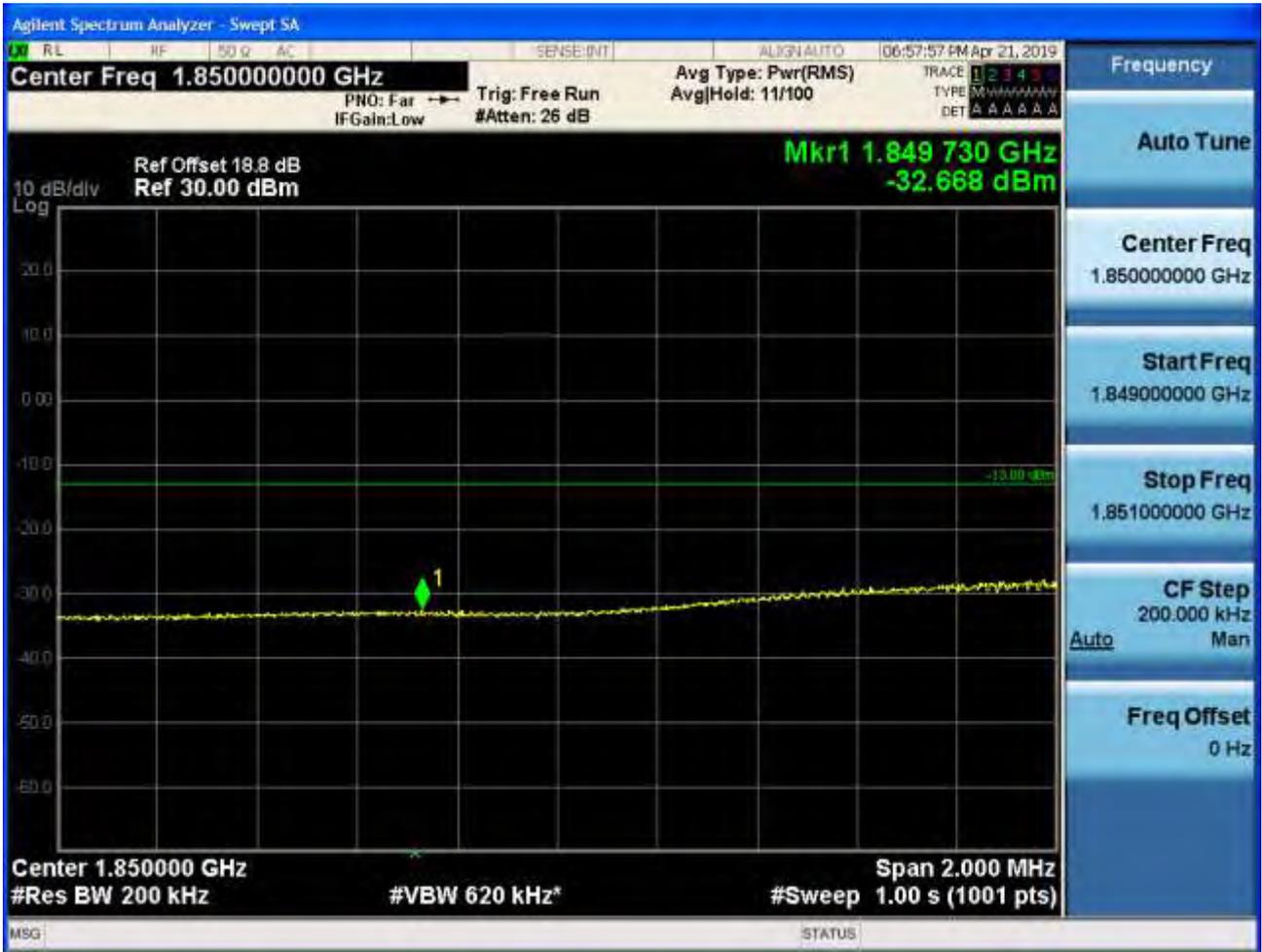


5.1.1.1.6.1.2 Test RB = RB1#99





5.1.1.1.6.1.3 Test RB = RB50#25





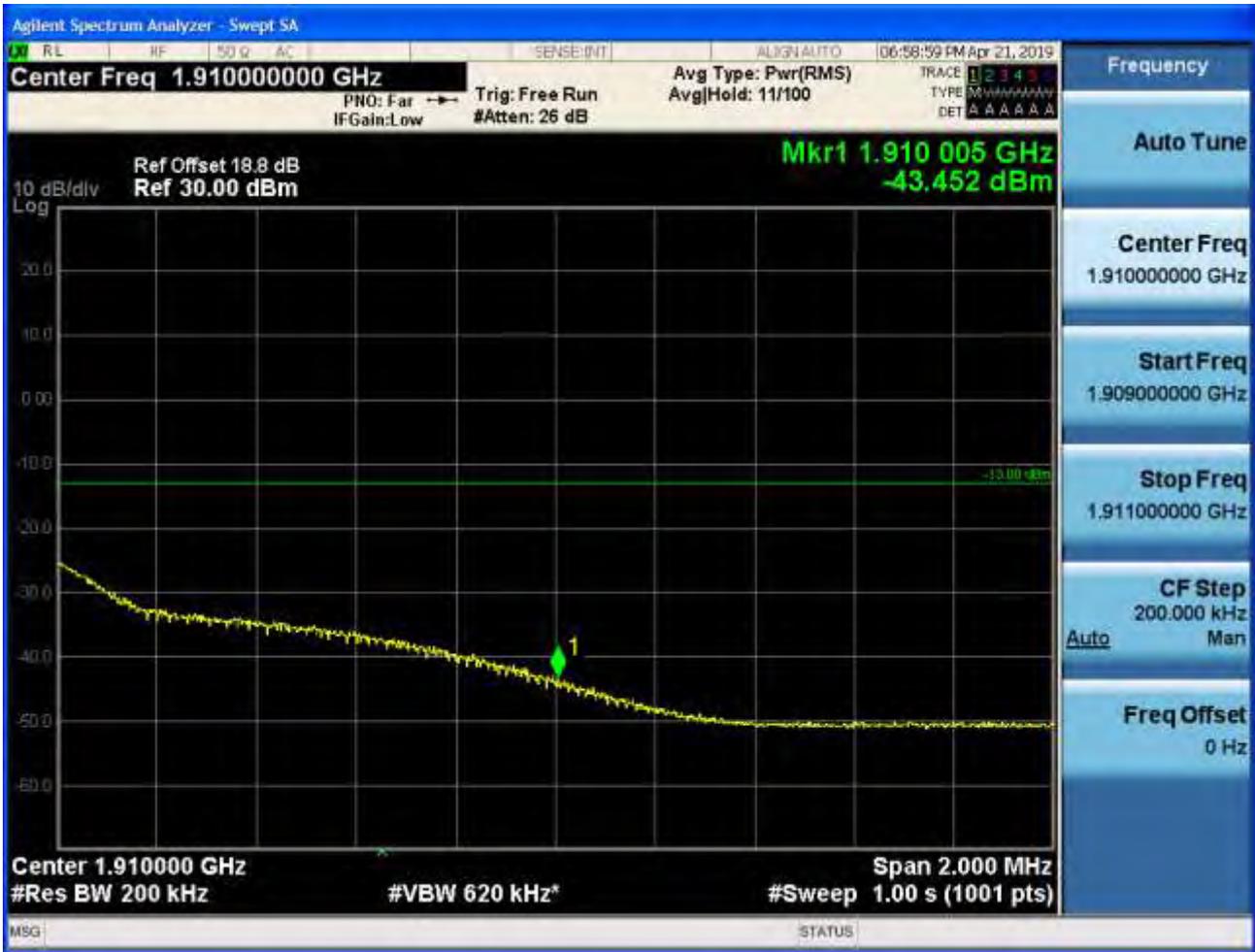
5.1.1.1.6.1.4 Test RB = RB100#0





5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0



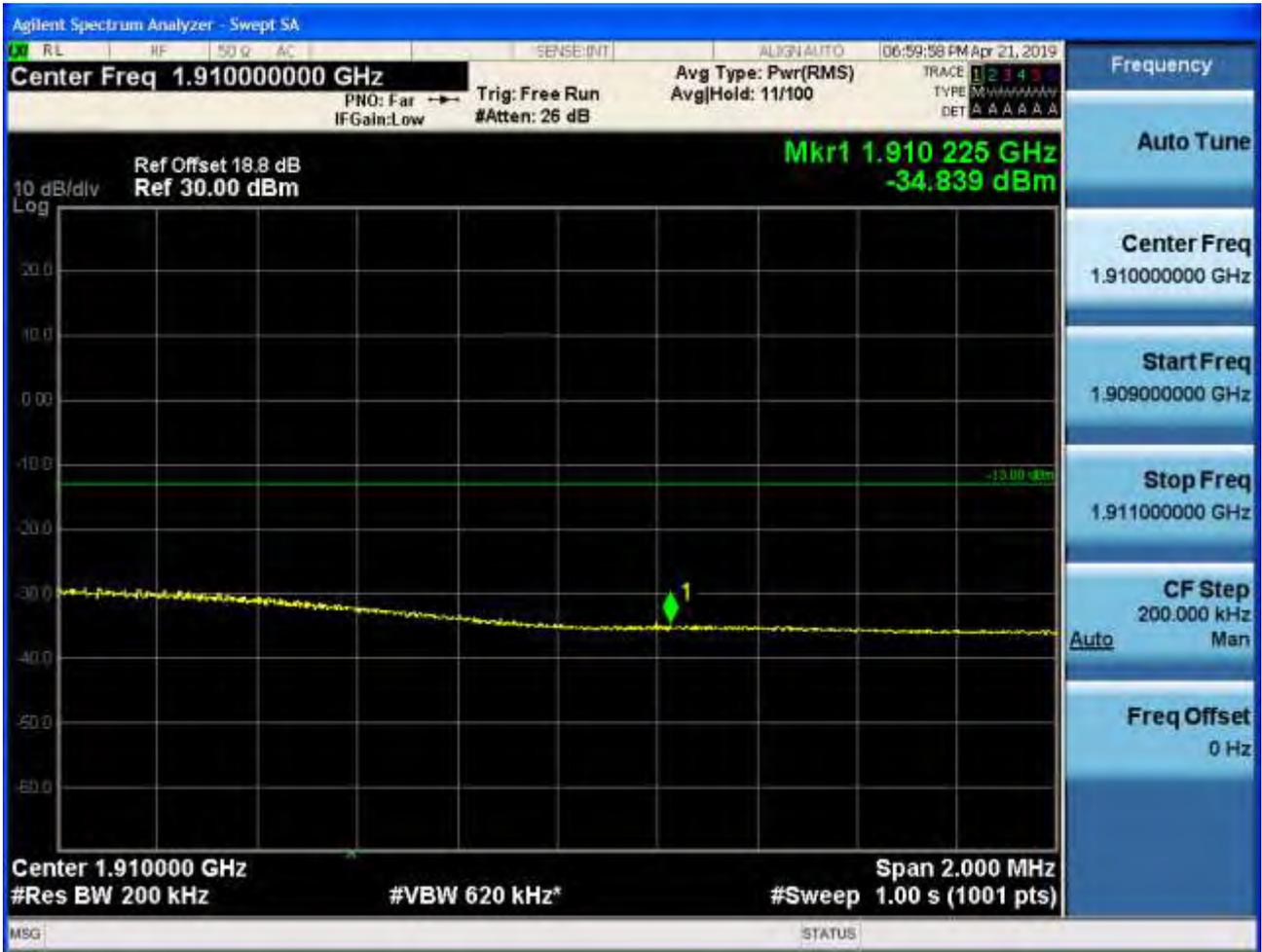


5.1.1.1.6.2.2 Test RB = RB1#99



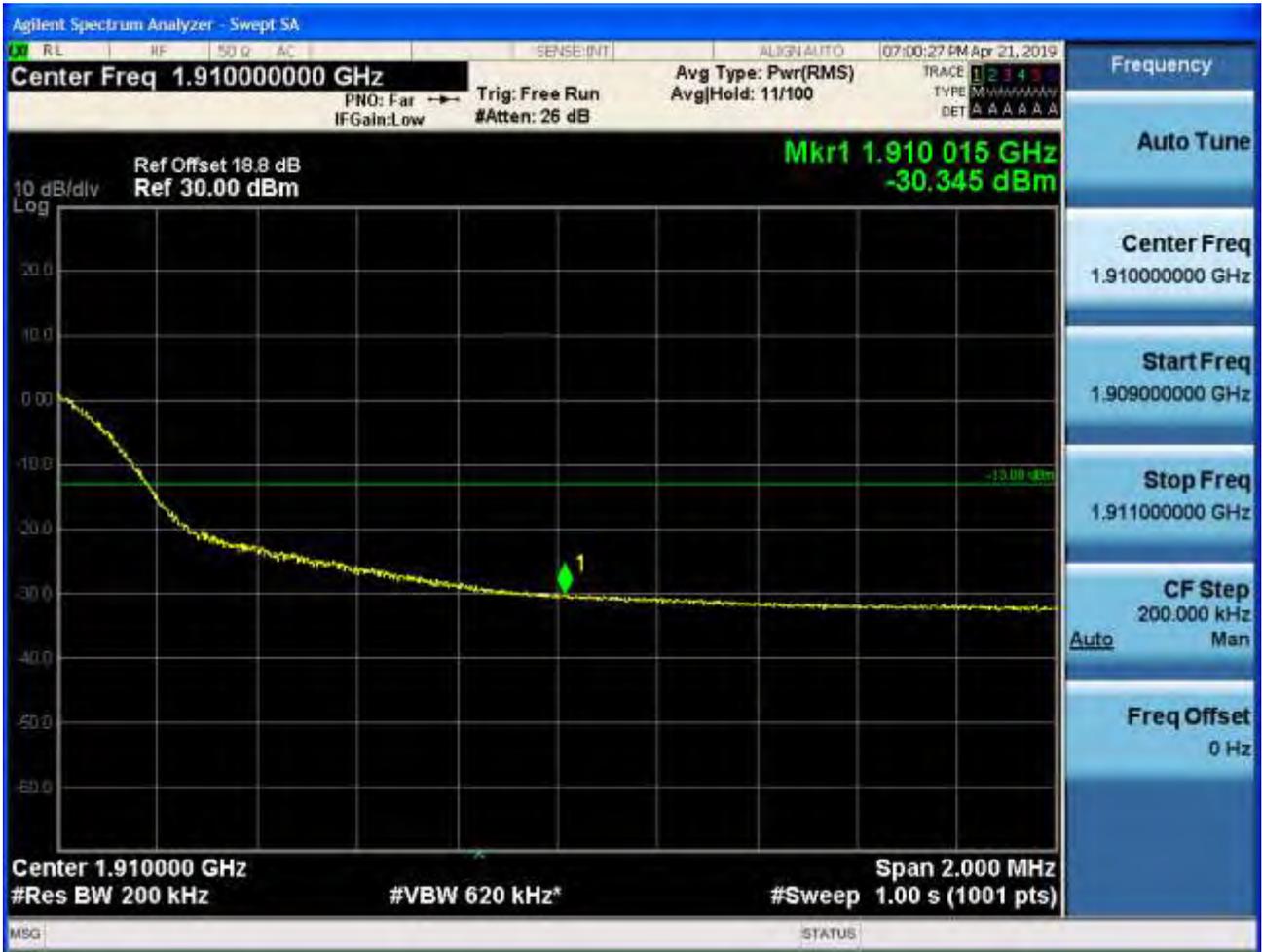


5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



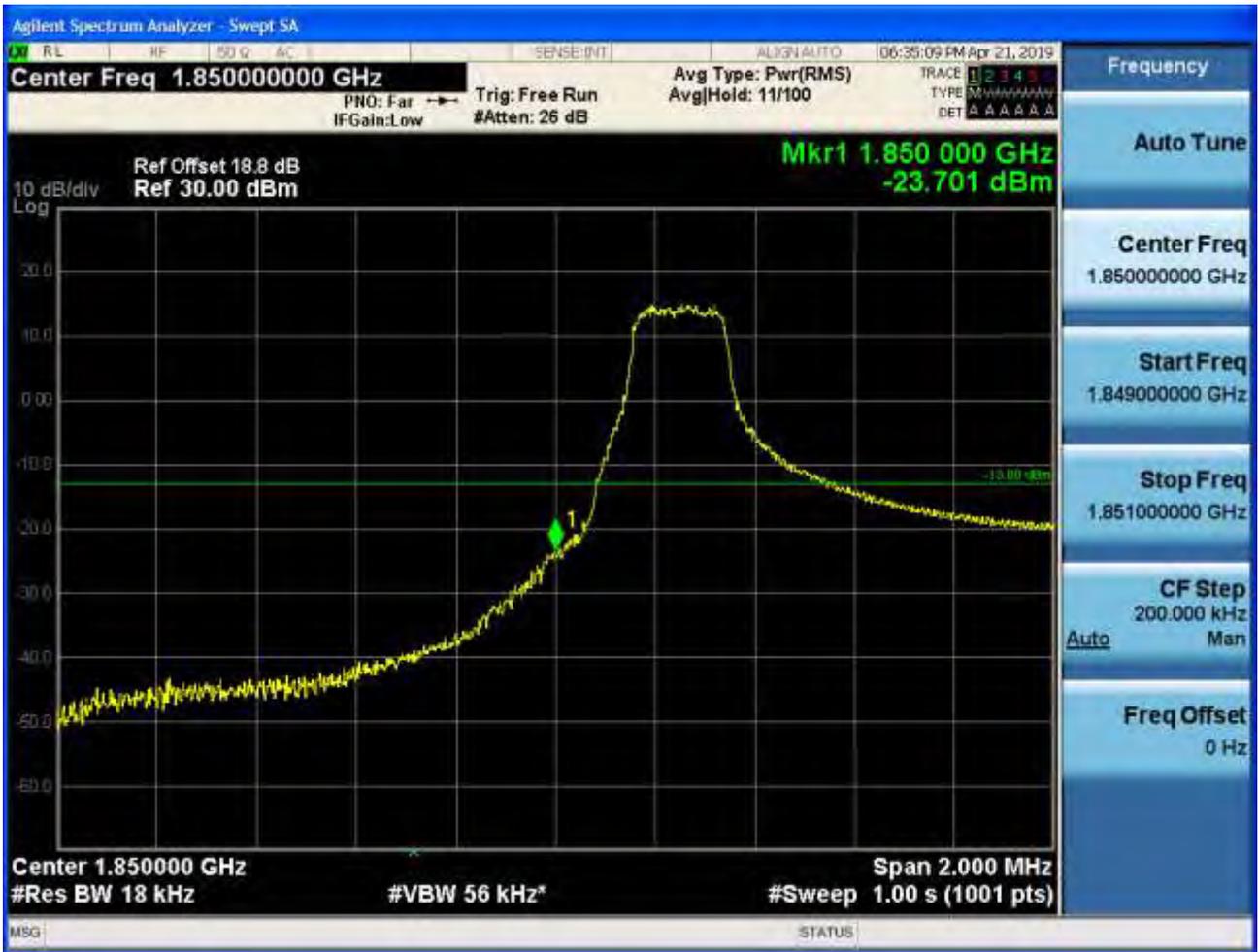


5.1.1.2 Test Mode = LTE/TM2

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



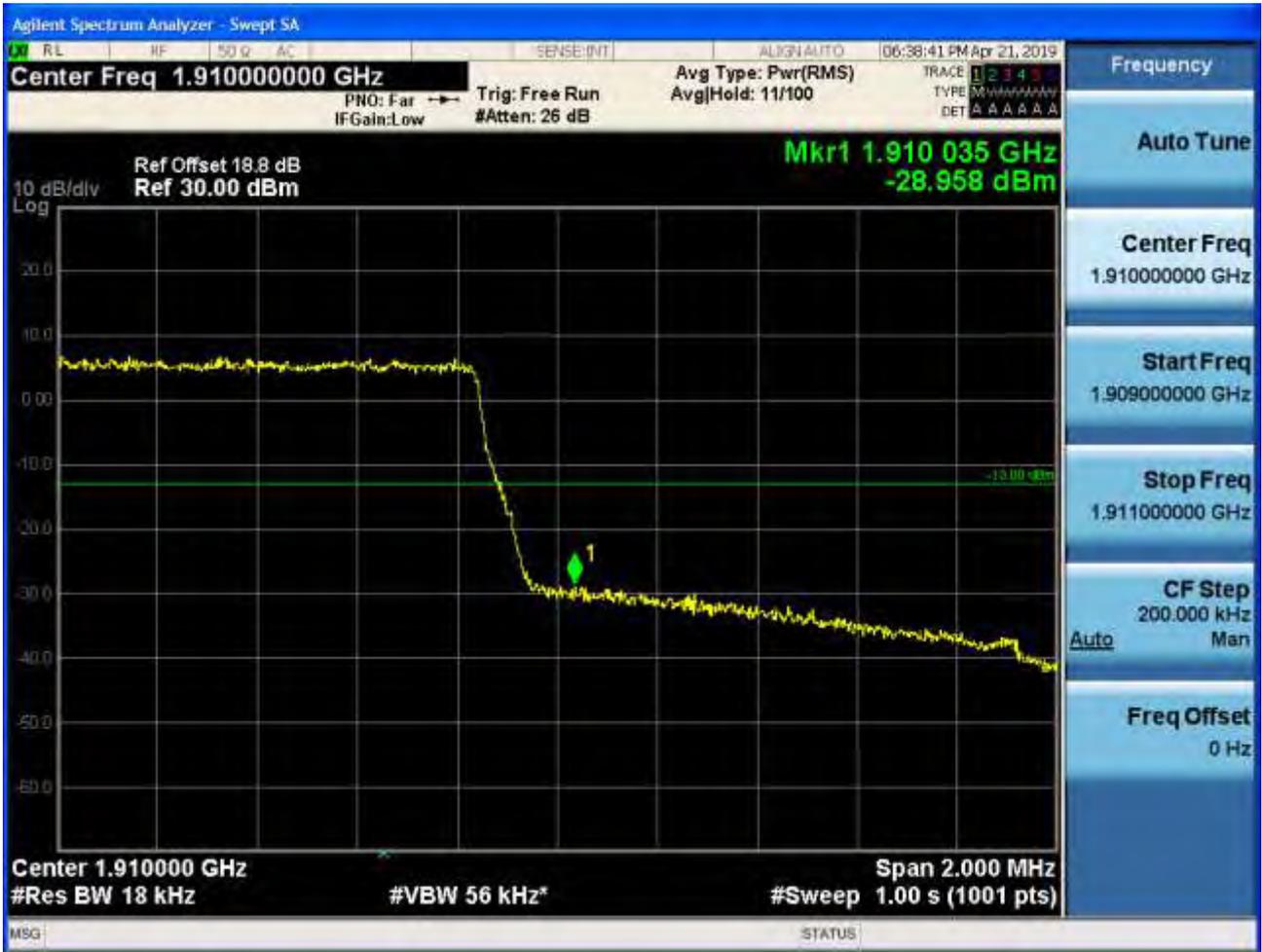


5.1.1.2.1.2.3 Test RB = RB3#2





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



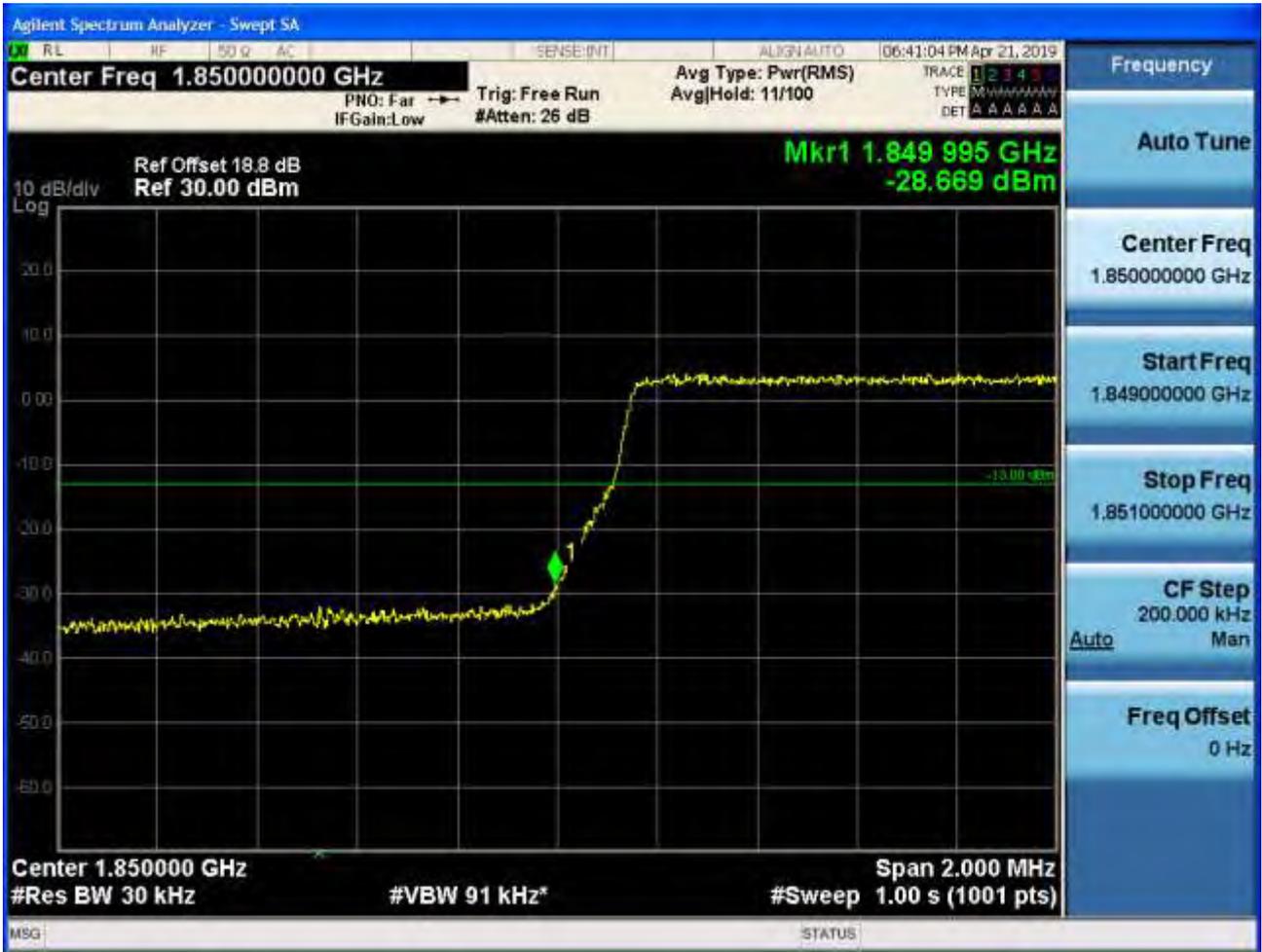


5.1.1.2.2.1.3 Test RB = RB8#4





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

