



# 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	22.15	19.95	33	PASS
				RB1#3	21.74	19.54	33	PASS
				RB1#5	22.24	20.04	33	PASS
				RB3#0	22.02	19.82	33	PASS
				RB3#2	21.73	19.53	33	PASS
				RB3#3	22.06	19.86	33	PASS
				RB6#0	20.94	18.74	33	PASS
			MCH	RB1#0	22.11	19.91	33	PASS
				RB1#3	22.22	20.02	33	PASS
				RB1#5	22.05	19.85	33	PASS
				RB3#0	21.86	19.66	33	PASS
				RB3#2	21.89	19.69	33	PASS
				RB3#3	21.84	19.64	33	PASS
				RB6#0	20.91	18.71	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
			HCH	RB1#0	22.03	19.83	33	PASS	
				RB1#3	22.20	20.00	33	PASS	
				RB1#5	22.05	19.85	33	PASS	
				RB3#0	21.90	19.70	33	PASS	
				RB3#2	21.77	19.57	33	PASS	
				RB3#3	21.92	19.72	33	PASS	
				RB6#0	20.86	18.66	33	PASS	
		3	LCH	RB1#0	22.08	19.88	33	PASS	
				RB1#7	22.31	20.11	33	PASS	
				RB1#14	22.14	19.94	33	PASS	
				RB8#0	21.03	18.83	33	PASS	
				RB8#4	21.13	18.93	33	PASS	
				RB8#7	20.97	18.77	33	PASS	
				RB15#0	21.03	18.83	33	PASS	
				MCH	RB1#0	22.08	19.88	33	PASS
					RB1#7	21.57	19.37	33	PASS
		RB1#14	22.00		19.80	33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	21.00	18.80	33	PASS
				RB8#4	21.02	18.82	33	PASS
				RB8#7	20.94	18.74	33	PASS
				RB15#0	21.06	18.86	33	PASS
			HCH	RB1#0	22.10	19.90	33	PASS
				RB1#7	22.01	19.81	33	PASS
				RB1#14	22.06	19.86	33	PASS
				RB8#0	20.78	18.58	33	PASS
			RB8#4	20.68	18.48	33	PASS	
			RB8#7	20.70	18.50	33	PASS	
			RB15#0	20.87	18.67	33	PASS	
			5	LCH	RB1#0	22.20	20.00	33
		RB1#13			22.21	20.01	33	PASS
		RB1#24			22.18	19.98	33	PASS
		RB12#0			21.05	18.85	33	PASS
		RB12#6			20.97	18.77	33	PASS
		RB12#13			20.99	18.79	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.99	18.79	33	PASS
			MCH	RB1#0	21.94	19.74	33	PASS
				RB1#13	21.94	19.74	33	PASS
				RB1#24	21.95	19.75	33	PASS
				RB12#0	21.09	18.89	33	PASS
				RB12#6	21.03	18.83	33	PASS
				RB12#13	21.13	18.93	33	PASS
				RB25#0	21.00	18.80	33	PASS
				HCH	RB1#0	21.77	19.57	33
			RB1#13		21.83	19.63	33	PASS
			RB1#24		21.78	19.58	33	PASS
			RB12#0		20.80	18.60	33	PASS
			RB12#6		20.68	18.48	33	PASS
			RB12#13		20.87	18.67	33	PASS
			RB25#0		20.77	18.57	33	PASS
		10	LCH	RB1#0	22.12	19.92	33	PASS
				RB1#25	21.81	19.61	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#49	22.09	19.89	33	PASS
				RB25#0	20.98	18.78	33	PASS
				RB25#13	21.01	18.81	33	PASS
				RB25#25	20.95	18.75	33	PASS
				RB50#0	20.94	18.74	33	PASS
			MCH	RB1#0	21.96	19.76	33	PASS
				RB1#25	21.92	19.72	33	PASS
				RB1#49	21.97	19.77	33	PASS
				RB25#0	21.00	18.80	33	PASS
				RB25#13	21.04	18.84	33	PASS
				RB25#25	21.03	18.83	33	PASS
				RB50#0	21.04	18.84	33	PASS
			HCH	RB1#0	21.86	19.66	33	PASS
				RB1#25	21.56	19.36	33	PASS
				RB1#49	21.75	19.55	33	PASS
				RB25#0	20.75	18.55	33	PASS
				RB25#13	20.71	18.51	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.67	18.47	33	PASS
				RB50#0	20.70	18.50	33	PASS
		15	LCH	RB1#0	22.15	19.95	33	PASS
				RB1#38	22.14	19.94	33	PASS
				RB1#74	21.99	19.79	33	PASS
				RB38#0	20.92	18.72	33	PASS
				RB38#19	21.04	18.84	33	PASS
				RB38#39	21.03	18.83	33	PASS
				RB75#0	20.95	18.75	33	PASS
				MCH	RB1#0	21.90	19.70	33
			RB1#38		21.96	19.76	33	PASS
			RB1#74		21.88	19.68	33	PASS
			RB38#0		21.00	18.80	33	PASS
			RB38#19		20.97	18.77	33	PASS
			RB38#39		21.06	18.86	33	PASS
			RB75#0		20.94	18.74	33	PASS
			HCH	RB1#0	21.95	19.75	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.82	19.62	33	PASS
				RB1#74	21.69	19.49	33	PASS
				RB38#0	20.91	18.71	33	PASS
				RB38#19	20.78	18.58	33	PASS
				RB38#39	20.80	18.60	33	PASS
				RB75#0	20.76	18.56	33	PASS
		20	LCH	RB1#0	21.89	19.69	33	PASS
				RB1#50	21.87	19.67	33	PASS
				RB1#99	22.06	19.86	33	PASS
				RB50#0	21.03	18.83	33	PASS
				RB50#25	21.12	18.92	33	PASS
				RB50#50	21.07	18.87	33	PASS
				RB100#0	21.10	18.90	33	PASS
				MCH	RB1#0	21.84	19.64	33
		RB1#50	21.75		19.55	33	PASS	
		RB1#99	22.05		19.85	33	PASS	
RB50#0	21.03	18.83	33		PASS			





Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.97	18.77	33	PASS
				RB50#50	21.06	18.86	33	PASS
				RB100#0	21.00	18.80	33	PASS
			HCH	RB1#0	21.91	19.71	33	PASS
				RB1#50	21.47	19.27	33	PASS
				RB1#99	21.82	19.62	33	PASS
				RB50#0	21.07	18.87	33	PASS
				RB50#25	20.87	18.67	33	PASS
				RB50#50	20.73	18.53	33	PASS
				RB100#0	20.87	18.67	33	PASS
			LCH	RB1#0	21.12	18.92	33	PASS
				RB1#3	20.74	18.54	33	PASS
				RB1#5	21.29	19.09	33	PASS
				RB3#0	21.01	18.81	33	PASS
				RB3#2	20.93	18.73	33	PASS
RB3#3	20.95	18.75		33	PASS			
RB6#0	19.91	17.71		33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.25	19.05	33	PASS
				RB1#3	21.04	18.84	33	PASS
				RB1#5	21.29	19.09	33	PASS
				RB3#0	20.99	18.79	33	PASS
				RB3#2	20.88	18.68	33	PASS
				RB3#3	20.94	18.74	33	PASS
				RB6#0	19.93	17.73	33	PASS
			HCH	RB1#0	21.30	19.10	33	PASS
				RB1#3	21.39	19.19	33	PASS
				RB1#5	21.68	19.48	33	PASS
				RB3#0	21.15	18.95	33	PASS
				RB3#2	20.91	18.71	33	PASS
				RB3#3	21.06	18.86	33	PASS
				RB6#0	20.01	17.81	33	PASS
		3	LCH	RB1#0	21.27	19.07	33	PASS
				RB1#7	20.57	18.37	33	PASS
				RB1#14	21.34	19.14	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#0	19.99	17.79	33	PASS
				RB8#4	20.08	17.88	33	PASS
				RB8#7	19.94	17.74	33	PASS
				RB15#0	19.98	17.78	33	PASS
			MCH	RB1#0	21.36	19.16	33	PASS
				RB1#7	19.61	17.41	33	PASS
				RB1#14	21.19	18.99	33	PASS
				RB8#0	20.07	17.87	33	PASS
				RB8#4	19.86	17.66	33	PASS
				RB8#7	19.85	17.65	33	PASS
				RB15#0	20.02	17.82	33	PASS
			HCH	RB1#0	20.84	18.64	33	PASS
				RB1#7	20.33	18.13	33	PASS
				RB1#14	21.17	18.97	33	PASS
				RB8#0	19.76	17.56	33	PASS
				RB8#4	19.76	17.56	33	PASS
				RB8#7	19.81	17.61	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB15#0	19.80	17.60	33	PASS
		5	LCH	RB1#0	21.27	19.07	33	PASS
				RB1#13	21.24	19.04	33	PASS
				RB1#24	21.19	18.99	33	PASS
				RB12#0	19.97	17.77	33	PASS
				RB12#6	19.99	17.79	33	PASS
				RB12#13	19.98	17.78	33	PASS
				RB25#0	19.93	17.73	33	PASS
				MCH	RB1#0	21.47	19.27	33
			RB1#13		21.47	19.27	33	PASS
			RB1#24		21.46	19.26	33	PASS
			RB12#0		20.15	17.95	33	PASS
			RB12#6		20.00	17.80	33	PASS
			RB12#13		20.09	17.89	33	PASS
			RB25#0		19.95	17.75	33	PASS
			HCH	RB1#0	21.13	18.93	33	PASS
		RB1#13		21.11	18.91	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#24	21.17	18.97	33	PASS
				RB12#0	19.79	17.59	33	PASS
				RB12#6	19.68	17.48	33	PASS
				RB12#13	19.90	17.70	33	PASS
				RB25#0	19.62	17.42	33	PASS
		10	LCH	RB1#0	21.21	19.01	33	PASS
				RB1#25	20.99	18.79	33	PASS
				RB1#49	21.23	19.03	33	PASS
				RB25#0	19.98	17.78	33	PASS
				RB25#13	20.03	17.83	33	PASS
				RB25#25	20.05	17.85	33	PASS
				RB50#0	20.01	17.81	33	PASS
		MCH	RB1#0	21.29	19.09	33	PASS	
			RB1#25	21.16	18.96	33	PASS	
			RB1#49	21.23	19.03	33	PASS	
			RB25#0	19.92	17.72	33	PASS	
			RB25#13	19.96	17.76	33	PASS	



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#25	19.98	17.78	33	PASS
				RB50#0	19.98	17.78	33	PASS
			HCH	RB1#0	21.07	18.87	33	PASS
				RB1#25	20.84	18.64	33	PASS
				RB1#49	21.01	18.81	33	PASS
				RB25#0	19.72	17.52	33	PASS
				RB25#13	19.69	17.49	33	PASS
				RB25#25	19.72	17.52	33	PASS
				RB50#0	19.65	17.45	33	PASS
				15	LCH	RB1#0	21.12	18.92
		RB1#38	21.41			19.21	33	PASS
		RB1#74	21.11			18.91	33	PASS
		RB38#0	20.06			17.86	33	PASS
		RB38#19	20.10			17.90	33	PASS
		RB38#39	20.06			17.86	33	PASS
RB75#0	20.00	17.80	33			PASS		
MCH	RB1#0	21.06	18.86	33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#38	21.17	18.97	33	PASS
				RB1#74	21.04	18.84	33	PASS
				RB38#0	19.96	17.76	33	PASS
				RB38#19	19.98	17.78	33	PASS
				RB38#39	20.01	17.81	33	PASS
				RB75#0	19.94	17.74	33	PASS
			HCH	RB1#0	21.17	18.97	33	PASS
				RB1#38	21.04	18.84	33	PASS
				RB1#74	20.95	18.75	33	PASS
				RB38#0	19.92	17.72	33	PASS
				RB38#19	19.77	17.57	33	PASS
				RB38#39	19.73	17.53	33	PASS
		20	LCH	RB1#0	21.18	18.98	33	PASS
				RB1#50	21.06	18.86	33	PASS
				RB1#99	21.40	19.20	33	PASS
				RB50#0	19.99	17.79	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#25	20.01	17.81	33	PASS
				RB50#50	20.00	17.80	33	PASS
				RB100#0	20.01	17.81	33	PASS
			MCH	RB1#0	21.25	19.05	33	PASS
				RB1#50	21.23	19.03	33	PASS
				RB1#99	21.44	19.24	33	PASS
				RB50#0	19.95	17.75	33	PASS
				RB50#25	19.92	17.72	33	PASS
				RB50#50	19.98	17.78	33	PASS
				RB100#0	20.01	17.81	33	PASS
			HCH	RB1#0	21.05	18.85	33	PASS
				RB1#50	20.64	18.44	33	PASS
				RB1#99	20.95	18.75	33	PASS
				RB50#0	20.01	17.81	33	PASS
				RB50#25	19.83	17.63	33	PASS
RB50#50	19.71	17.51		33	PASS			
RB100#0	19.83	17.63		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	4.40	13	PASS
				RB1#3	4.51	13	PASS
				RB1#5	4.50	13	PASS
				RB3#0	4.99	13	PASS
				RB3#2	4.92	13	PASS
				RB3#3	4.94	13	PASS
				RB6#0	5.58	13	PASS
			MCH	RB1#0	4.18	13	PASS
				RB1#3	4.33	13	PASS
				RB1#5	4.10	13	PASS
				RB3#0	4.77	13	PASS
				RB3#2	4.68	13	PASS
				RB3#3	4.86	13	PASS
				RB6#0	5.75	13	PASS
		HCH	RB1#0	3.93	13	PASS	
			RB1#3	3.87	13	PASS	
			RB1#5	3.60	13	PASS	
			RB3#0	3.92	13	PASS	
			RB3#2	4.03	13	PASS	
			RB3#3	3.82	13	PASS	
			RB6#0	5.21	13	PASS	
		3	LCH	RB1#0	4.50	13	PASS
				RB1#7	4.44	13	PASS
				RB1#14	4.64	13	PASS
				RB8#0	5.48	13	PASS
				RB8#4	5.38	13	PASS
				RB8#7	5.47	13	PASS
				RB15#0	5.42	13	PASS
MCH	RB1#0		4.48	13	PASS		
	RB1#7		4.09	13	PASS		
	RB1#14		4.34	13	PASS		
	RB8#0		5.51	13	PASS		
	RB8#4		5.42	13	PASS		
	RB8#7		5.52	13	PASS		
	RB15#0		5.77	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5	HCH	RB1#0	4.07	13	PASS
				RB1#7	3.88	13	PASS
				RB1#14	3.52	13	PASS
				RB8#0	5.14	13	PASS
				RB8#4	4.90	13	PASS
				RB8#7	4.96	13	PASS
				RB15#0	5.39	13	PASS
			LCH	RB1#0	4.39	13	PASS
				RB1#13	4.39	13	PASS
				RB1#24	4.46	13	PASS
				RB12#0	5.49	13	PASS
				RB12#6	5.48	13	PASS
				RB12#13	5.59	13	PASS
				RB25#0	5.88	13	PASS
		MCH	RB1#0	4.41	13	PASS	
			RB1#13	4.36	13	PASS	
			RB1#24	4.34	13	PASS	
			RB12#0	5.54	13	PASS	
			RB12#6	5.71	13	PASS	
			RB12#13	5.57	13	PASS	
			RB25#0	5.65	13	PASS	
		HCH	RB1#0	4.17	13	PASS	
			RB1#13	3.71	13	PASS	
			RB1#24	3.44	13	PASS	
			RB12#0	5.08	13	PASS	
			RB12#6	5.00	13	PASS	
			RB12#13	5.04	13	PASS	
			RB25#0	5.57	13	PASS	
		10	LCH	RB1#0	4.44	13	PASS
				RB1#25	4.63	13	PASS
RB1#49	4.52			13	PASS		
RB25#0	5.59			13	PASS		
RB25#13	5.55			13	PASS		
RB25#25	5.60			13	PASS		
RB50#0	5.90			13	PASS		
MCH	RB1#0		4.27	13	PASS		
	RB1#25		4.38	13	PASS		
	RB1#49		4.15	13	PASS		
	RB25#0		5.69	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#13	5.51	13	PASS	
				RB25#25	5.63	13	PASS	
				RB50#0	5.81	13	PASS	
			HCH	RB1#0	4.36	13	PASS	
				RB1#25	4.19	13	PASS	
				RB1#49	3.69	13	PASS	
				RB25#0	5.39	13	PASS	
				RB25#13	5.24	13	PASS	
				RB25#25	5.18	13	PASS	
				RB50#0	5.80	13	PASS	
				LCH	RB1#0	4.51	13	PASS
					RB1#38	4.46	13	PASS
		RB1#74	4.60		13	PASS		
		RB38#0	5.75		13	PASS		
		RB38#19	5.70		13	PASS		
		RB38#39	5.88		13	PASS		
		RB75#0	6.25		13	PASS		
		MCH	RB1#0	4.57	13	PASS		
			RB1#38	4.34	13	PASS		
			RB1#74	4.34	13	PASS		
			RB38#0	5.69	13	PASS		
			RB38#19	5.51	13	PASS		
			RB38#39	5.61	13	PASS		
			RB75#0	6.12	13	PASS		
		HCH	RB1#0	4.19	13	PASS		
			RB1#38	4.31	13	PASS		
			RB1#74	3.79	13	PASS		
			RB38#0	5.60	13	PASS		
			RB38#19	5.51	13	PASS		
			RB38#39	5.52	13	PASS		
			RB75#0	6.08	13	PASS		
		20	LCH	RB1#0	4.53	13	PASS	
				RB1#50	4.77	13	PASS	
RB1#99	4.50			13	PASS			
RB50#0	5.75			13	PASS			
RB50#25	5.68			13	PASS			
RB50#50	5.76			13	PASS			
RB100#0	6.29			13	PASS			
MCH	RB1#0		4.41	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#50	4.35	13	PASS
				RB1#99	4.09	13	PASS
				RB50#0	5.75	13	PASS
				RB50#25	5.61	13	PASS
				RB50#50	5.55	13	PASS
				RB100#0	5.93	13	PASS
			HCH	RB1#0	4.18	13	PASS
				RB1#50	4.26	13	PASS
				RB1#99	3.88	13	PASS
				RB50#0	5.50	13	PASS
				RB50#25	5.51	13	PASS
				RB50#50	5.63	13	PASS
			LCH	RB100#0	6.06	13	PASS
				RB1#0	5.30	13	PASS
	RB1#3	5.43		13	PASS		
	RB1#5	5.29		13	PASS		
	RB3#0	5.73		13	PASS		
	RB3#2	5.58		13	PASS		
	RB3#3	5.77		13	PASS		
	RB6#0	6.40		13	PASS		
	MCH	RB1#0		5.33	13	PASS	
		RB1#3		5.78	13	PASS	
		RB1#5		5.33	13	PASS	
		RB3#0		5.55	13	PASS	
		RB3#2		5.71	13	PASS	
		RB3#3		5.44	13	PASS	
	HCH	RB6#0		6.36	13	PASS	
		RB1#0		4.31	13	PASS	
		RB1#3		4.46	13	PASS	
		RB1#5		4.27	13	PASS	
		RB3#0	5.20	13	PASS		
		RB3#2	5.30	13	PASS		
LCH	RB3#3	4.84	13	PASS			
	RB6#0	6.18	13	PASS			
	RB1#0	5.19	13	PASS			
	RB1#7	5.39	13	PASS			
	RB1#14	5.28	13	PASS			
3	RB8#0	6.43	13	PASS			
	RB8#4	6.41	13	PASS			



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB8#7	6.36	13	PASS
				RB15#0	6.51	13	PASS
			MCH	RB1#0	5.36	13	PASS
				RB1#7	5.54	13	PASS
				RB1#14	5.30	13	PASS
				RB8#0	6.15	13	PASS
				RB8#4	6.07	13	PASS
				RB8#7	6.07	13	PASS
			RB15#0	6.62	13	PASS	
			HCH	RB1#0	4.65	13	PASS
				RB1#7	4.66	13	PASS
				RB1#14	4.17	13	PASS
				RB8#0	5.94	13	PASS
				RB8#4	5.69	13	PASS
		RB8#7		5.77	13	PASS	
		RB15#0	6.30	13	PASS		
		5	LCH	RB1#0	5.47	13	PASS
				RB1#13	5.43	13	PASS
				RB1#24	5.50	13	PASS
				RB12#0	6.50	13	PASS
				RB12#6	6.57	13	PASS
				RB12#13	6.54	13	PASS
			RB25#0	6.77	13	PASS	
			MCH	RB1#0	4.98	13	PASS
				RB1#13	4.88	13	PASS
				RB1#24	4.91	13	PASS
				RB12#0	6.41	13	PASS
				RB12#6	6.28	13	PASS
				RB12#13	6.15	13	PASS
			RB25#0	6.96	13	PASS	
HCH	RB1#0		4.45	13	PASS		
	RB1#13		4.19	13	PASS		
	RB1#24	3.98	13	PASS			
	RB12#0	5.94	13	PASS			
	RB12#6	5.84	13	PASS			
	RB12#13	5.72	13	PASS			
RB25#0	6.49	13	PASS				
10	LCH	RB1#0	5.34	13	PASS		
		RB1#25	5.19	13	PASS		



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#49	5.25	13	PASS
				RB25#0	6.45	13	PASS
				RB25#13	6.44	13	PASS
				RB25#25	6.61	13	PASS
				RB50#0	6.88	13	PASS
			MCH	RB1#0	5.28	13	PASS
				RB1#25	5.16	13	PASS
				RB1#49	5.21	13	PASS
				RB25#0	6.51	13	PASS
				RB25#13	6.36	13	PASS
				RB25#25	6.40	13	PASS
			HCH	RB50#0	6.82	13	PASS
				RB1#0	4.94	13	PASS
				RB1#25	5.09	13	PASS
				RB1#49	4.40	13	PASS
		RB25#0		6.51	13	PASS	
		RB25#13		6.32	13	PASS	
		15	LCH	RB25#25	6.20	13	PASS
				RB50#0	6.59	13	PASS
				RB1#0	5.33	13	PASS
				RB1#38	5.16	13	PASS
				RB1#74	5.24	13	PASS
				RB38#0	6.77	13	PASS
			MCH	RB38#19	6.58	13	PASS
				RB38#39	6.80	13	PASS
				RB75#0	6.93	13	PASS
				RB1#0	5.53	13	PASS
				RB1#38	5.40	13	PASS
				RB1#74	5.27	13	PASS
			HCH	RB38#0	6.49	13	PASS
RB38#19	6.36			13	PASS		
RB38#39	6.41			13	PASS		
RB75#0	6.86	13		PASS			
RB1#0	4.81	13		PASS			
RB1#38	4.81	13		PASS			
				RB1#74	4.60	13	PASS
				RB38#0	6.49	13	PASS
				RB38#19	6.32	13	PASS
				RB38#39	6.30	13	PASS



Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB75#0	6.74	13	PASS
		20	LCH	RB1#0	5.15	13	PASS
				RB1#50	5.24	13	PASS
				RB1#99	5.04	13	PASS
				RB50#0	6.53	13	PASS
				RB50#25	6.47	13	PASS
				RB50#50	6.56	13	PASS
				RB100#0	7.03	13	PASS
				MCH	RB1#0	5.28	13
			RB1#50		5.08	13	PASS
			RB1#99		4.97	13	PASS
			RB50#0		6.72	13	PASS
			RB50#25		6.56	13	PASS
			RB50#50		6.57	13	PASS
			RB100#0		6.84	13	PASS
			HCH	RB1#0	4.81	13	PASS
				RB1#50	4.99	13	PASS
				RB1#99	4.42	13	PASS
				RB50#0	6.38	13	PASS
				RB50#25	6.29	13	PASS
				RB50#50	6.40	13	PASS
				RB100#0	6.89	13	PASS



## 3Appendix\_C: Modulation Characteristics

### Part I - Test Plots

#### 3.1 For LTE

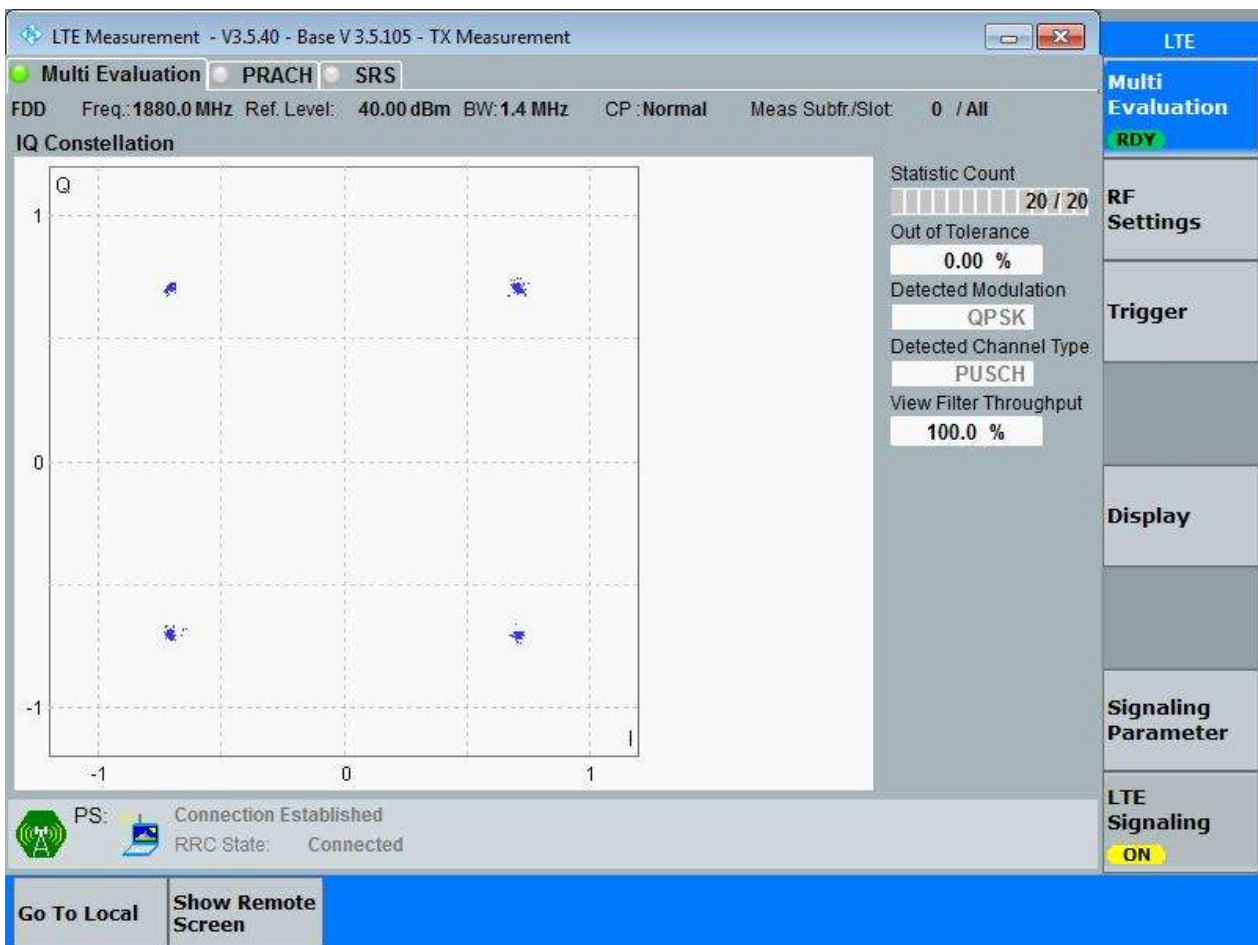
##### 3.1.1 Test Band = BAND2

##### 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

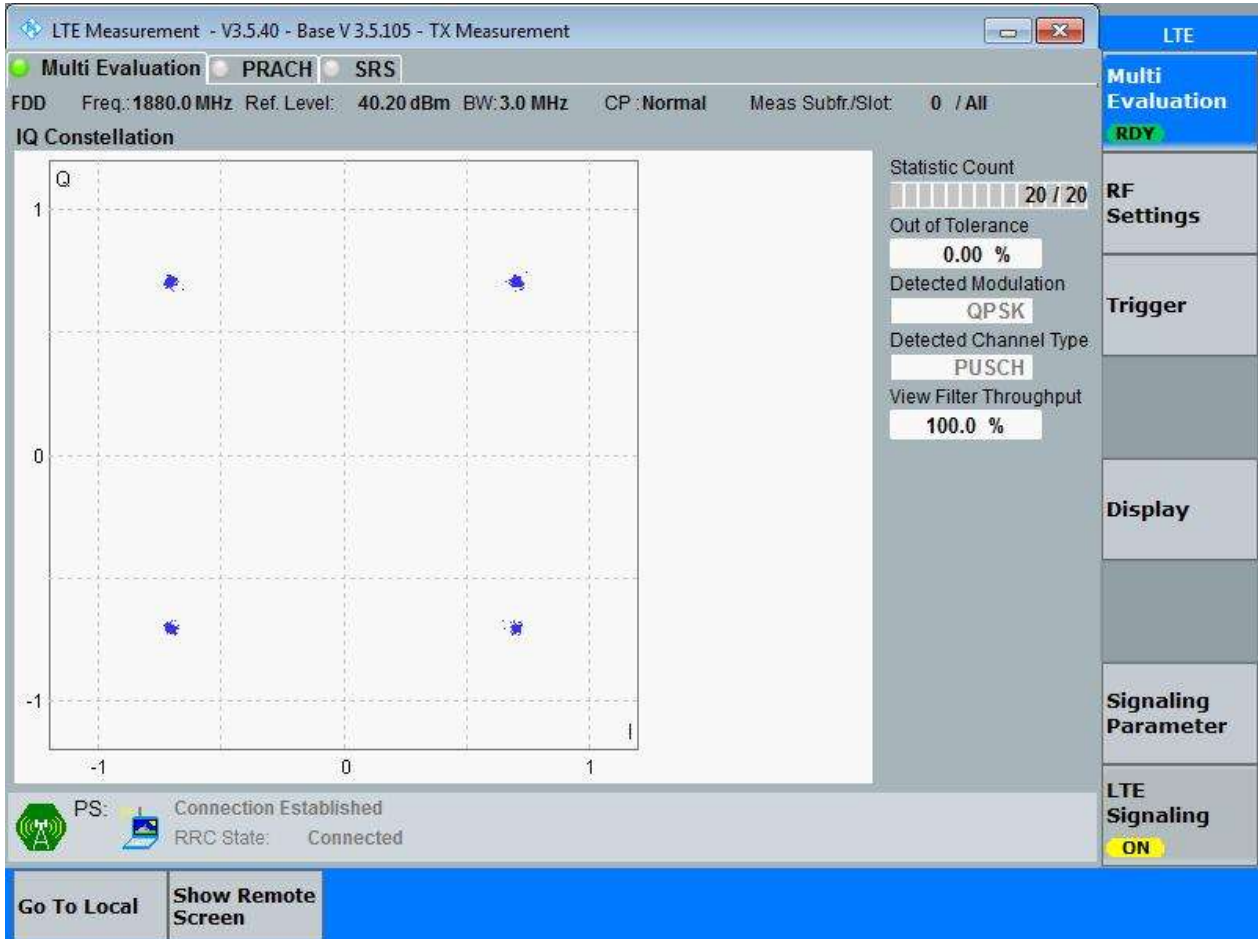
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 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

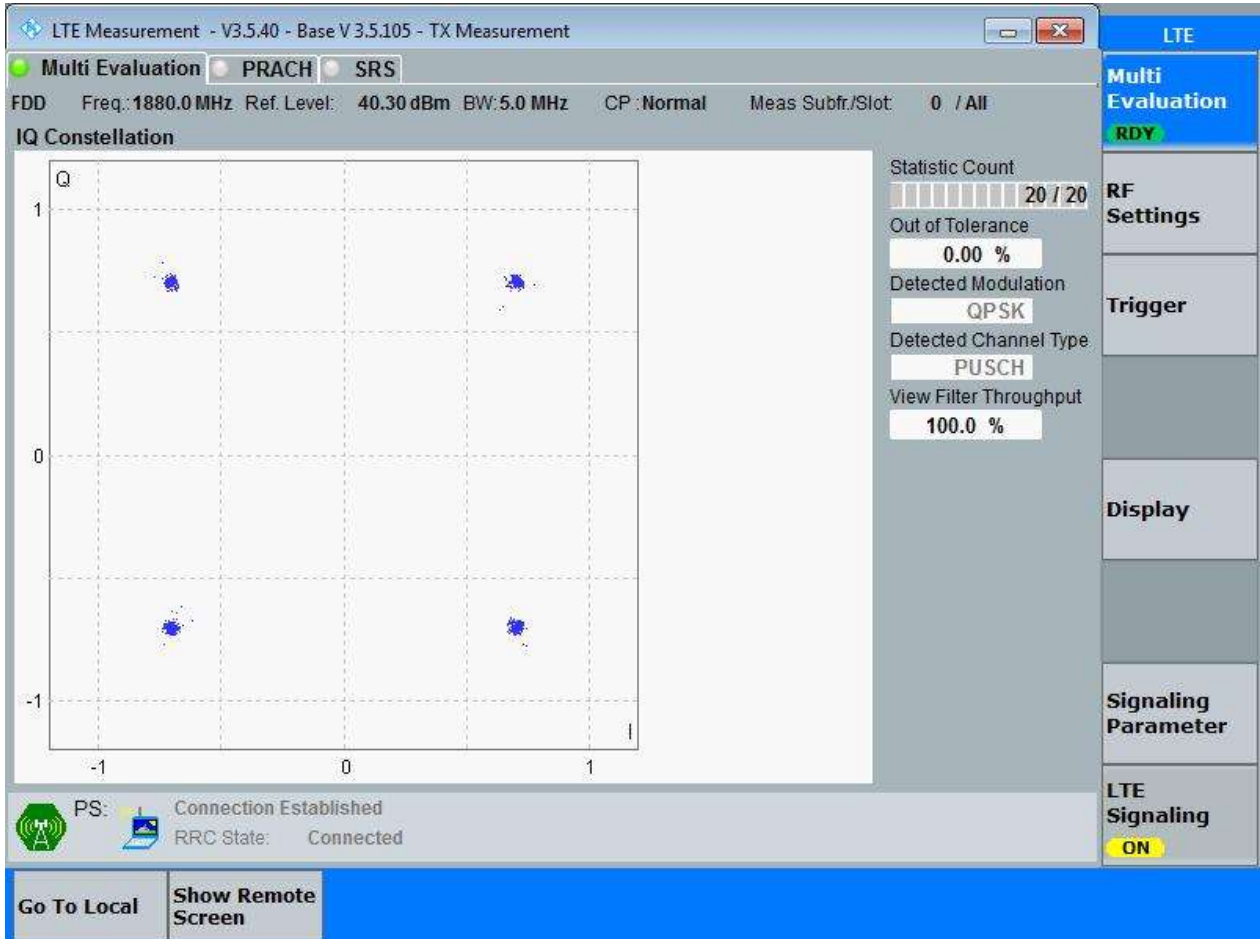




### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

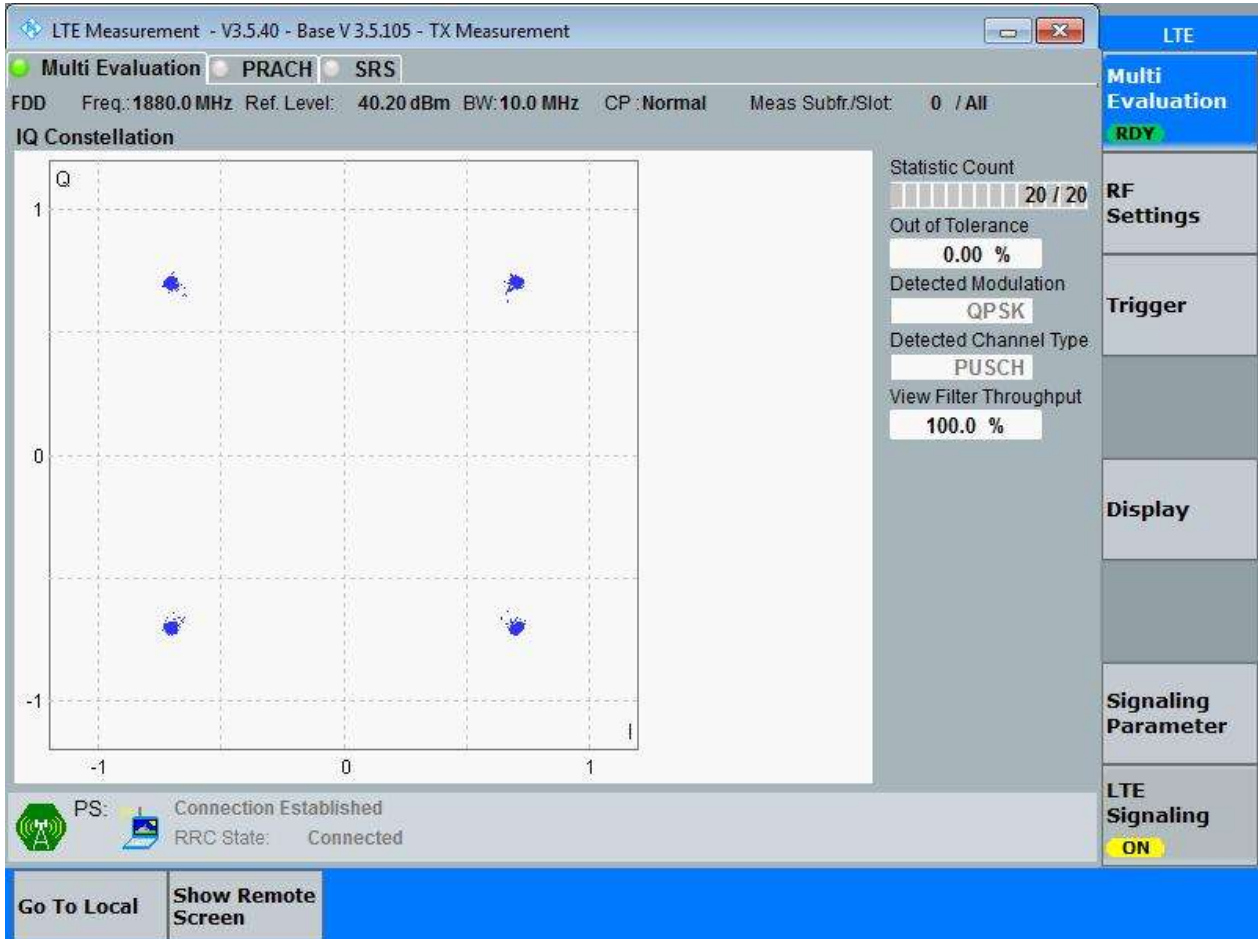
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

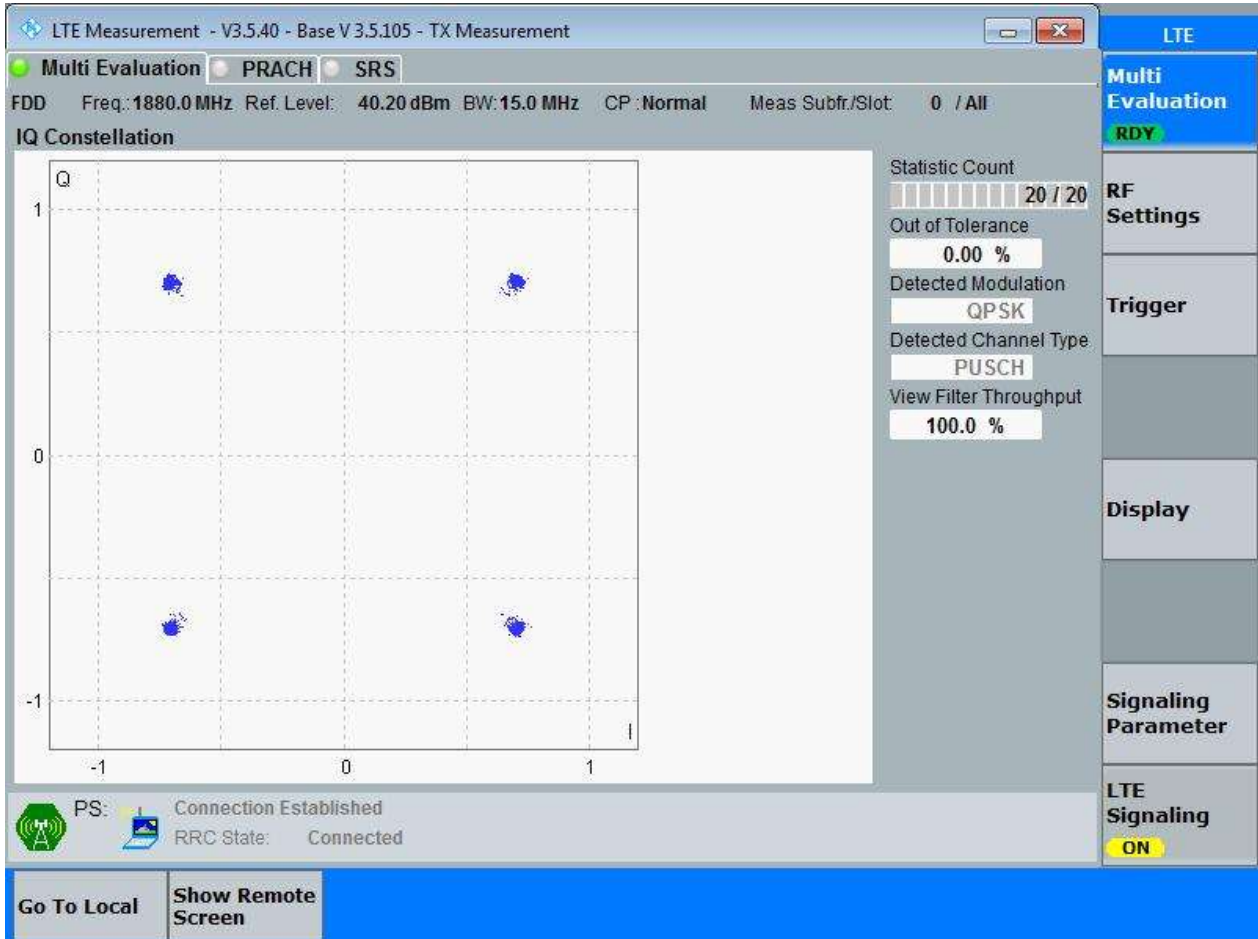
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 3.1.1.1.5 Test Bandwidth = 15

#### 3.1.1.1.5.1 Test Channel = MCH

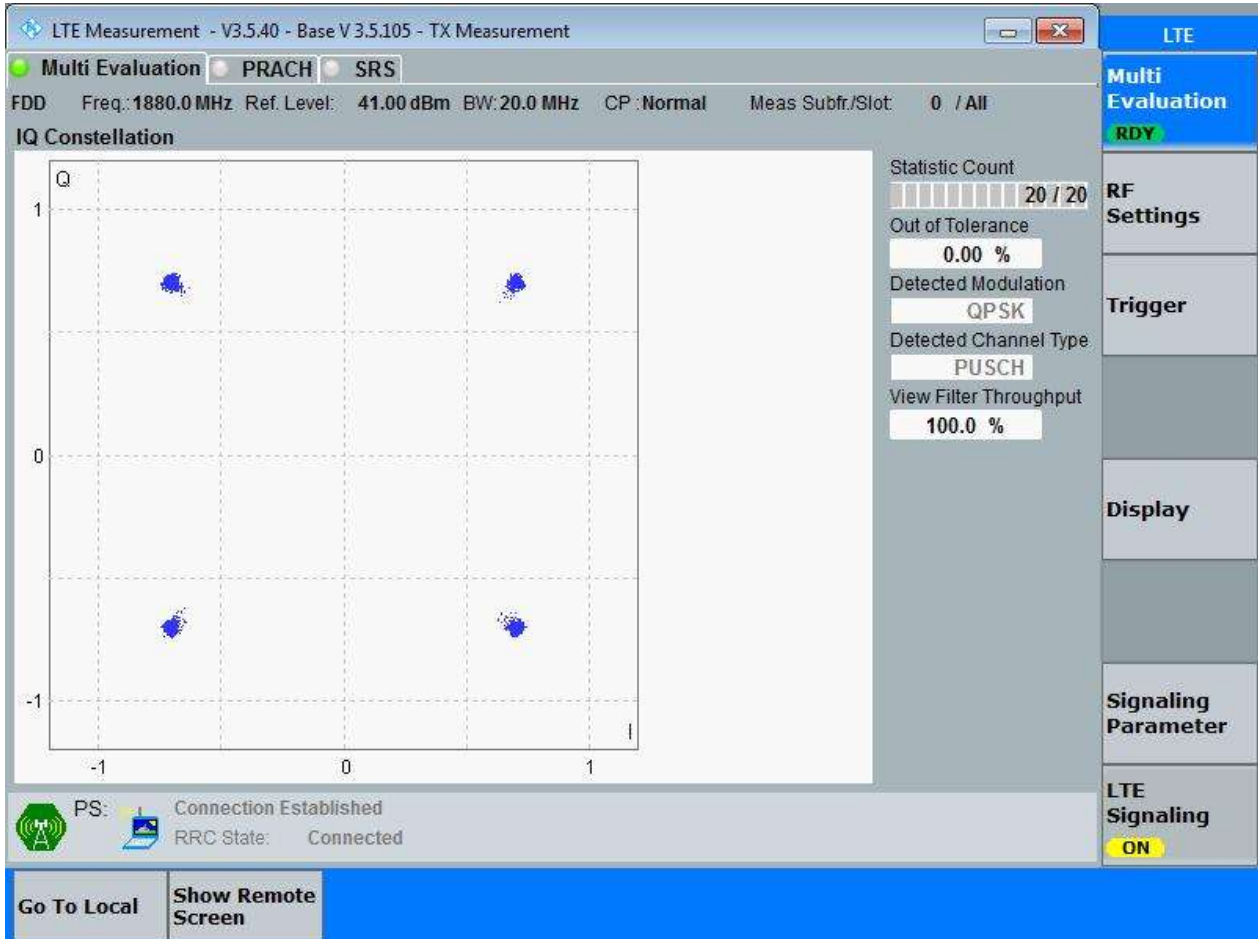
##### 3.1.1.1.5.1.1 Test RB = RB75#0



### 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



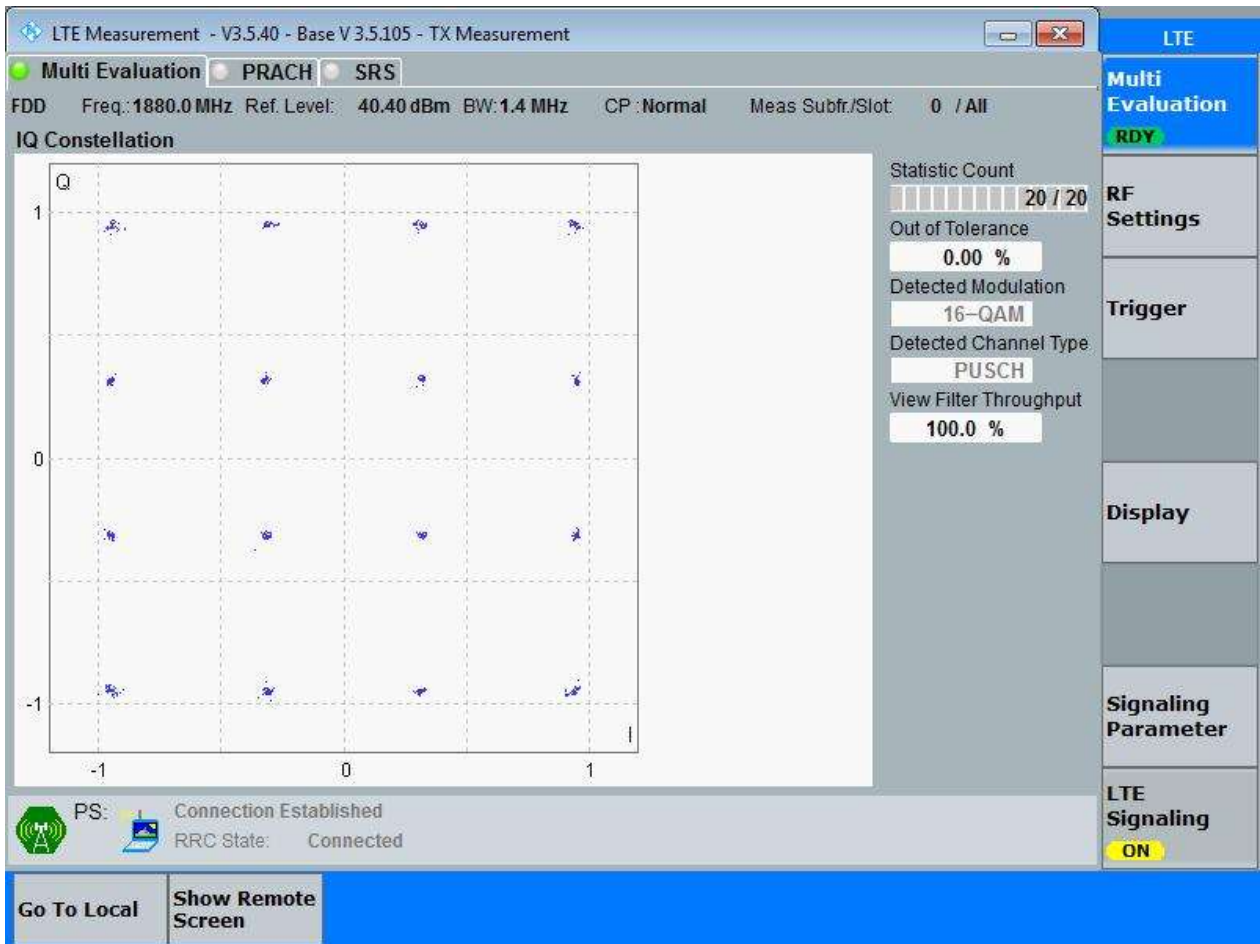


### 3.1.1.2 Test Mode = LTE/TM2

#### 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

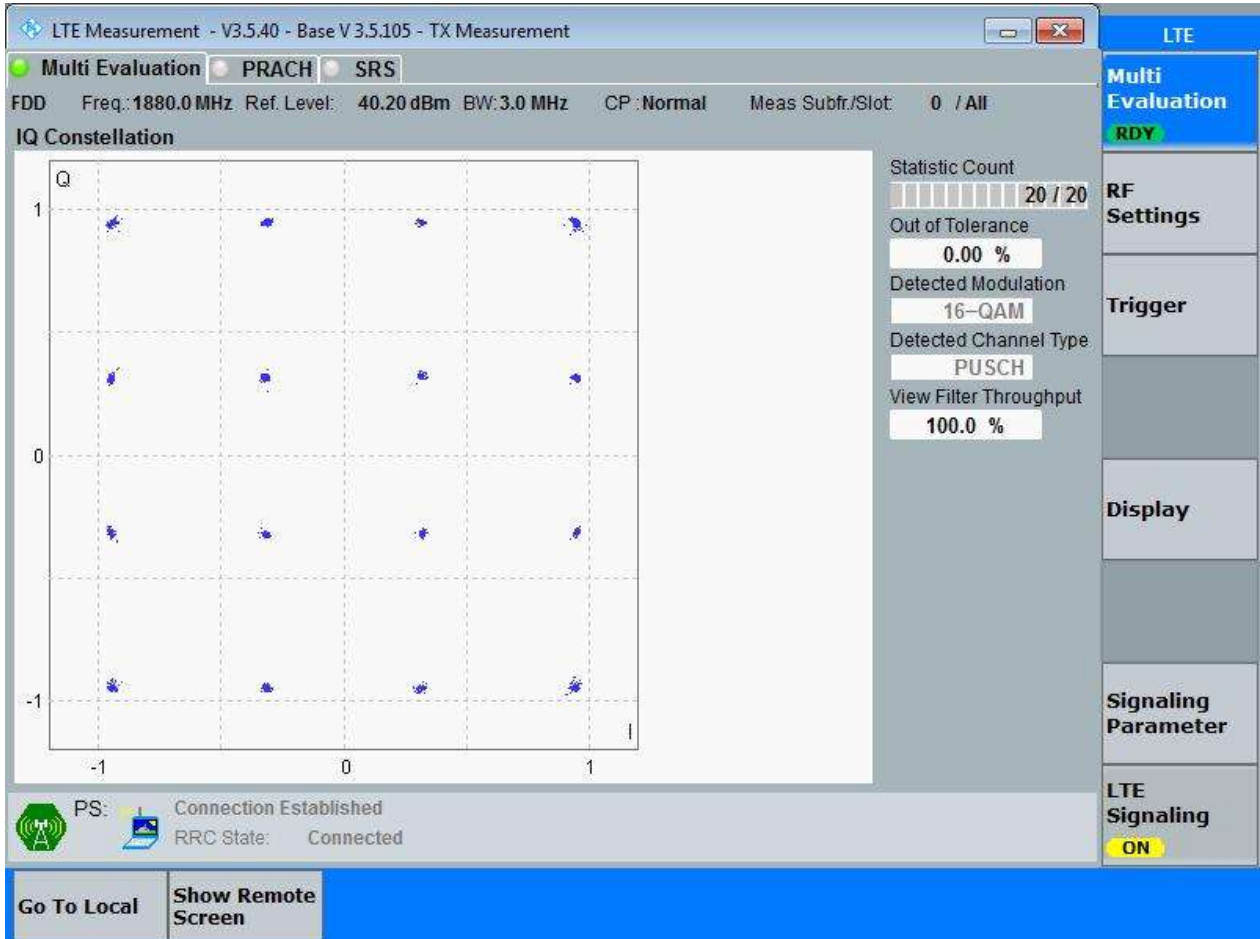




### 3.1.1.2.2 Test Bandwidth = 3

#### 3.1.1.2.2.1 Test Channel = MCH

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

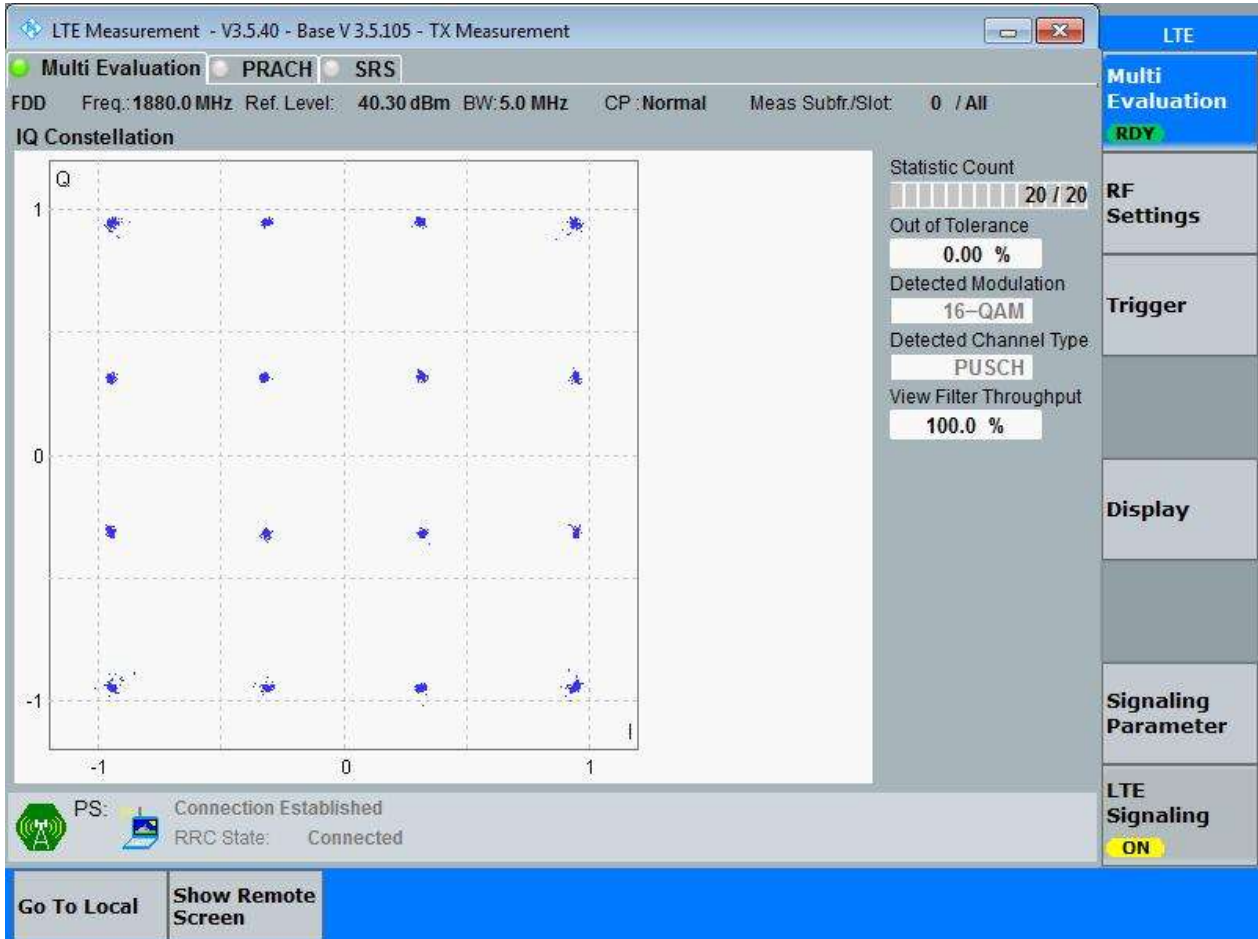




### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

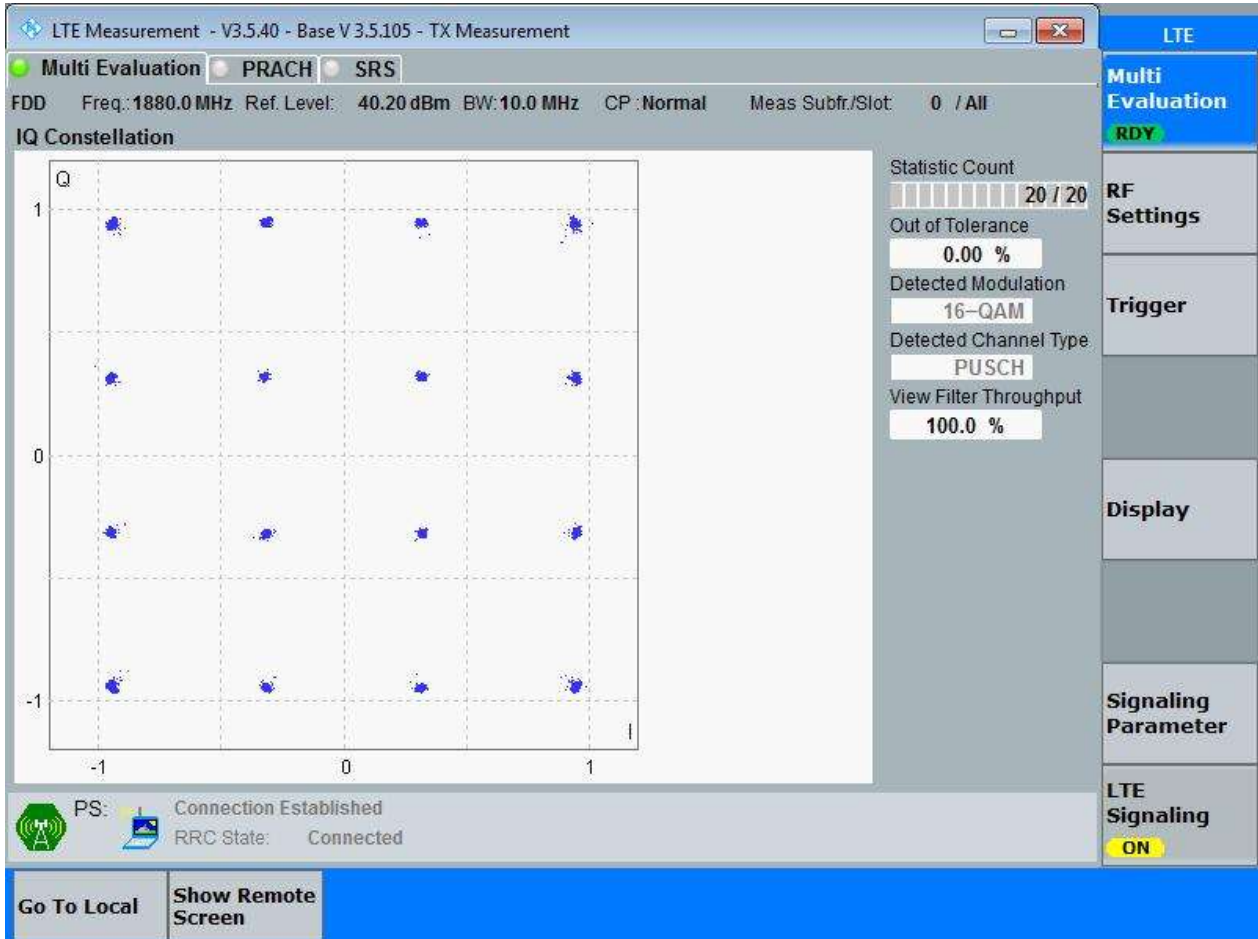
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 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

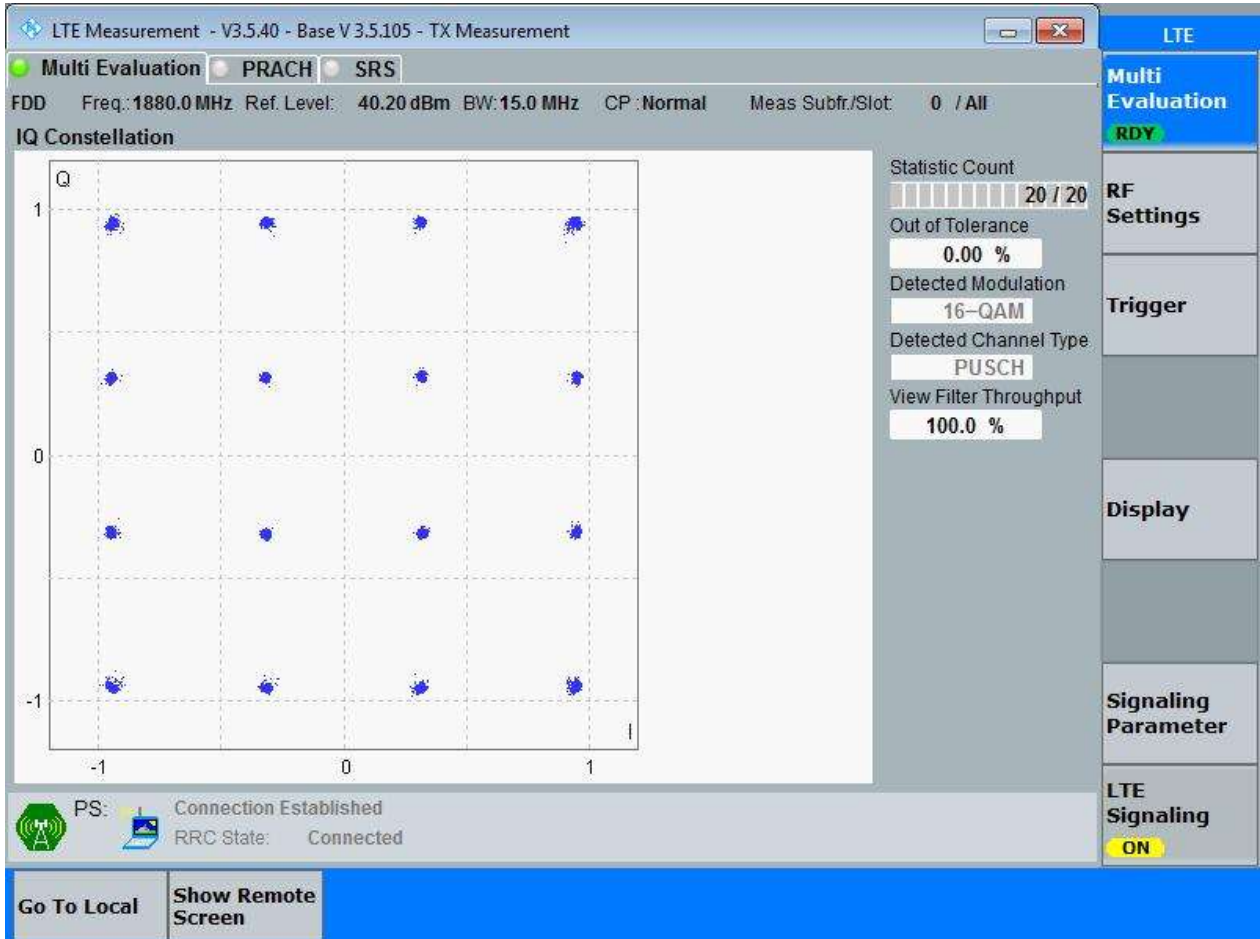




### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

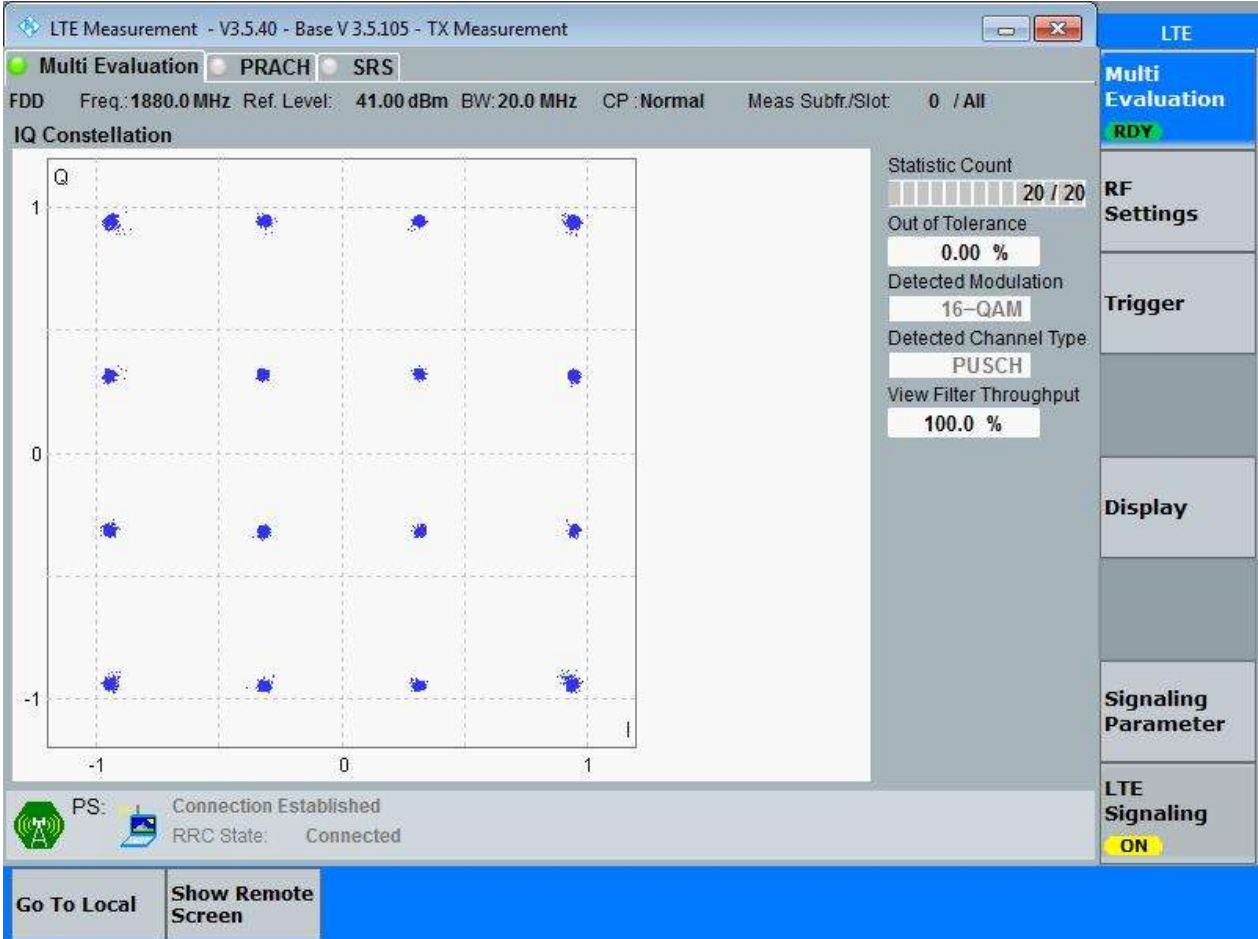
##### 3.1.1.2.5.1.1 Test RB = RB75#0



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	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.70	2.98	Pass
		5	LCH	RB25#0	4.52	4.95	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.52	4.95	Pass
		10	LCH	RB50#0	8.98	9.95	Pass
			MCH	RB50#0	8.99	9.87	Pass
			HCH	RB50#0	9.02	9.90	Pass
		15	LCH	RB75#0	13.51	14.98	Pass
			MCH	RB75#0	13.51	14.93	Pass
			HCH	RB75#0	13.53	15.09	Pass
		20	LCH	RB100#0	17.98	19.65	Pass
			MCH	RB100#0	18.02	19.79	Pass
			HCH	RB100#0	18.06	19.68	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.70	2.97	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.51	4.95	Pass
			MCH	RB25#0	4.52	4.95	Pass
			HCH	RB25#0	4.52	4.96	Pass
		10	LCH	RB50#0	9.00	9.88	Pass
			MCH	RB50#0	8.98	9.86	Pass
			HCH	RB50#0	9.01	9.85	Pass
15		LCH	RB75#0	13.48	14.86	Pass	
		MCH	RB75#0	13.53	14.94	Pass	
		HCH	RB75#0	13.51	14.92	Pass	
20		LCH	RB100#0	18.02	19.76	Pass	
		MCH	RB100#0	18.00	19.74	Pass	

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	18.02	19.73	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

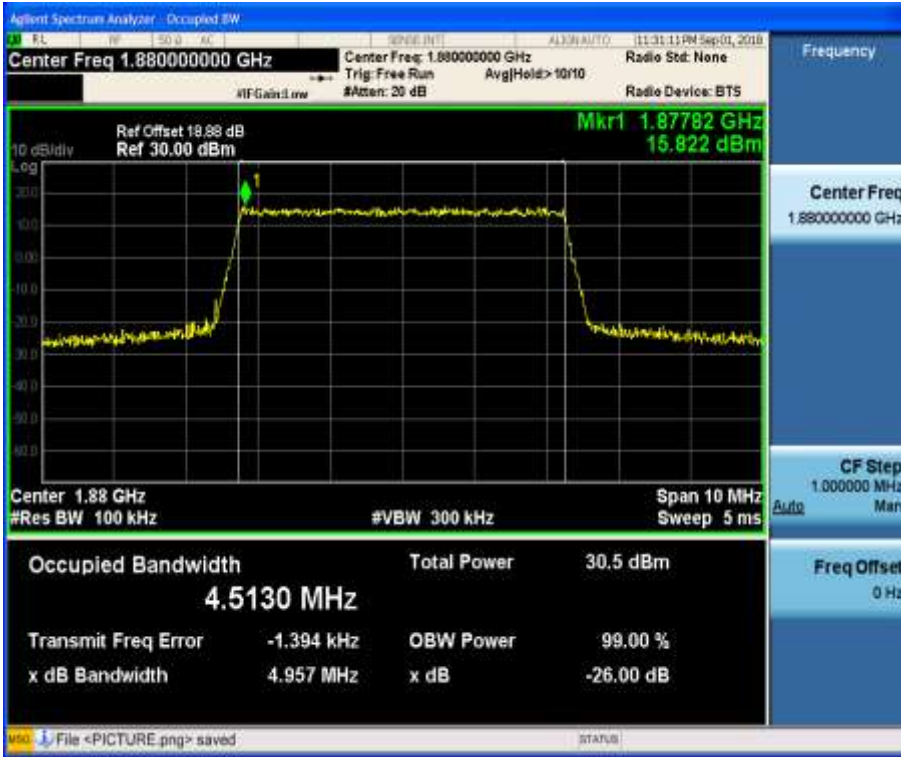
4.1.1.1.3.1 Test Channel = LCH

4.1.1.1.3.1.1 Test RB = RB25#0



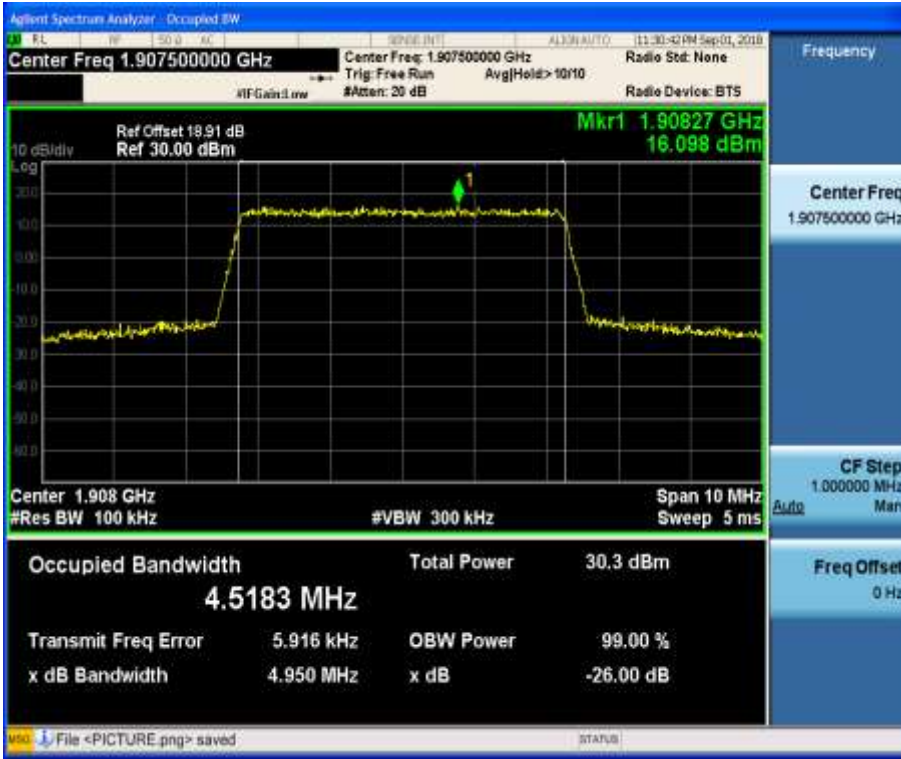
4.1.1.1.3.2 Test Channel = MCH

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



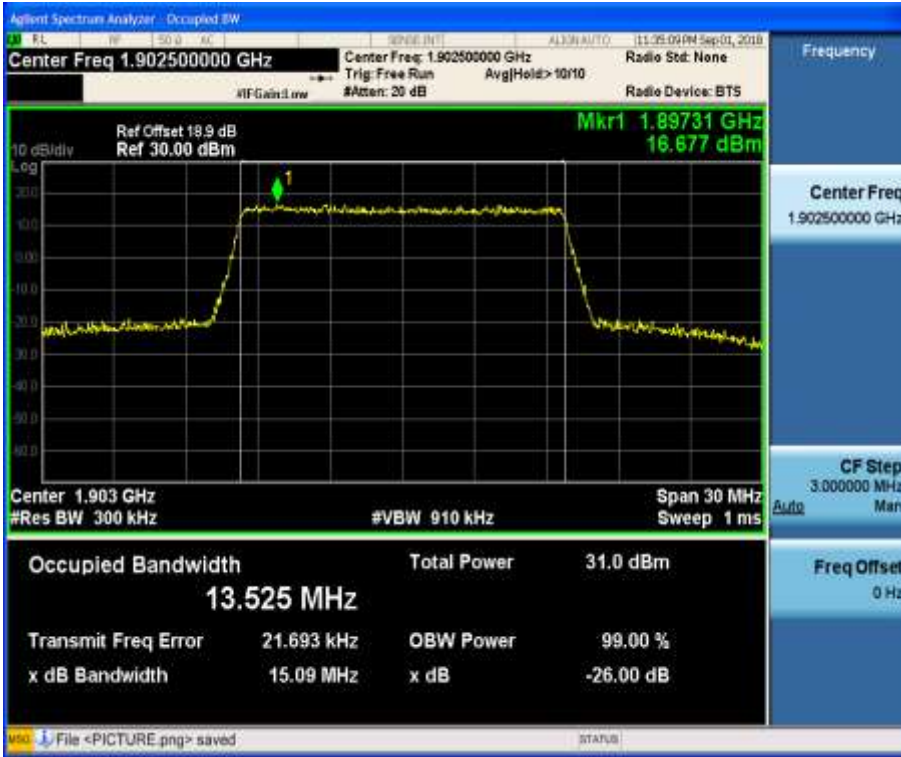
4.1.1.1.5.2 Test Channel = MCH

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

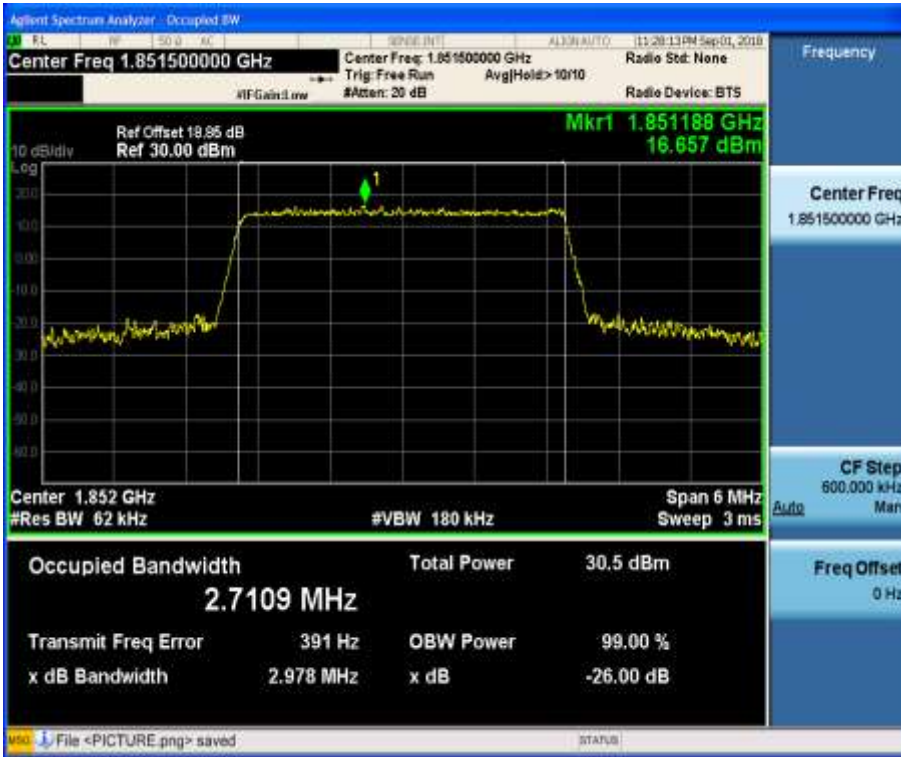
4.1.1.2.1.3.1 Test RB = RB6#0



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





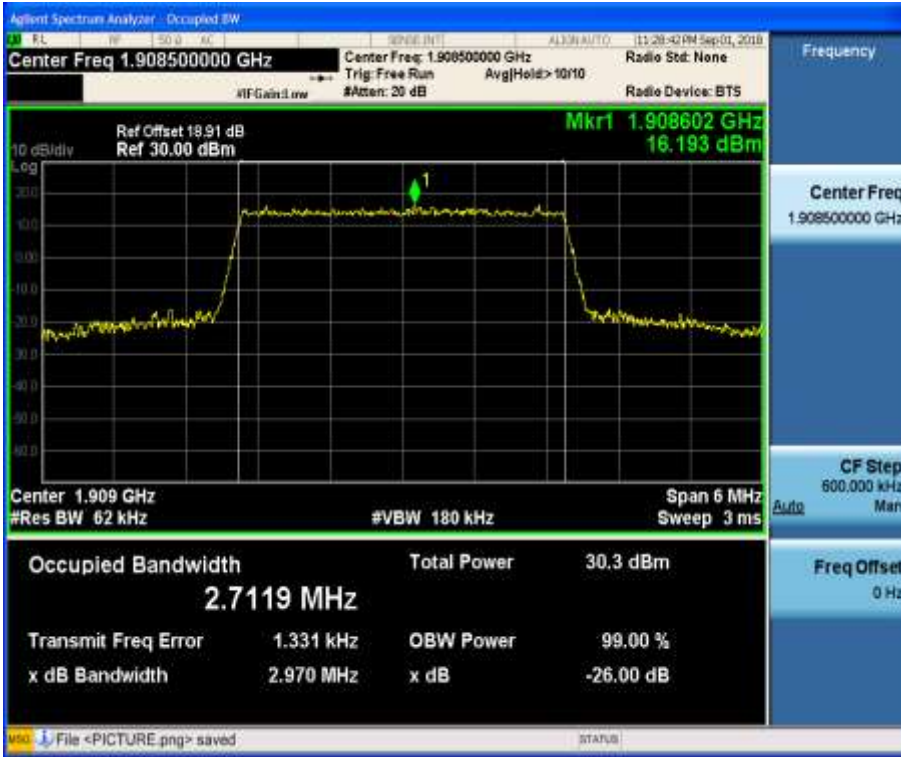
4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

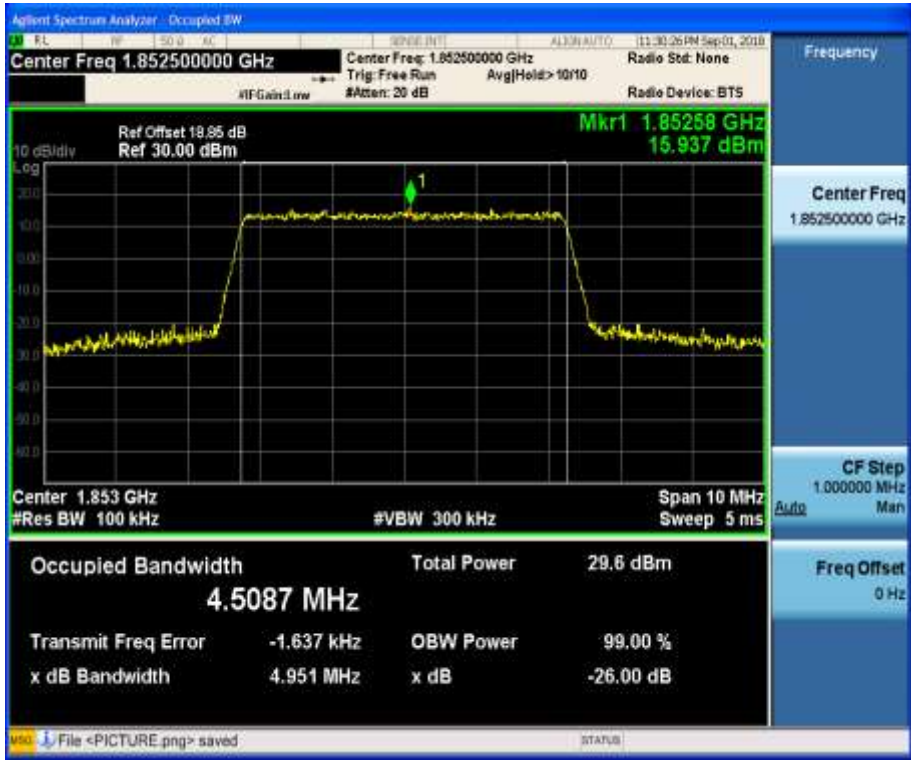
4.1.1.2.2.3.1 Test RB = RB15#0



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

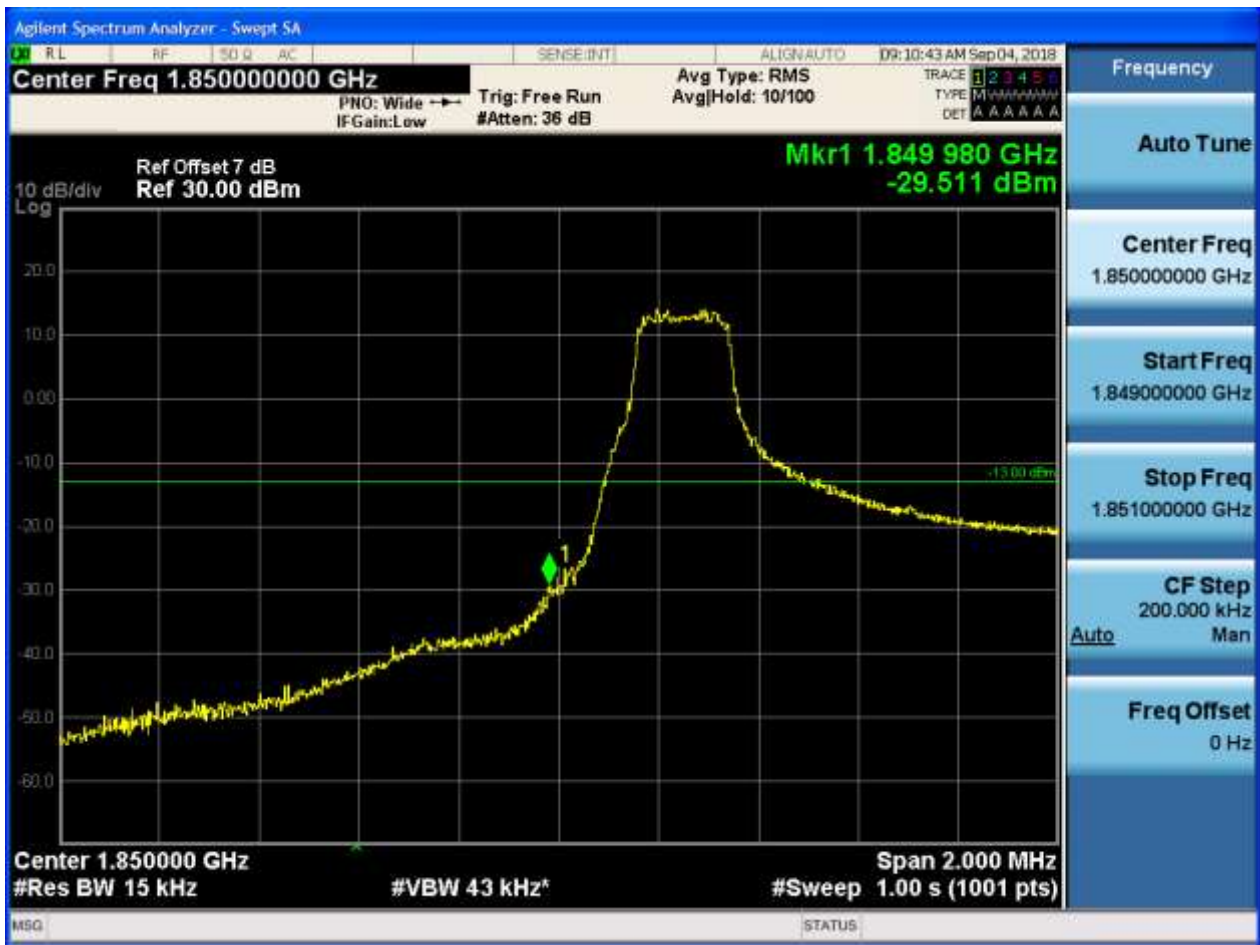
##### 5.1.1 Test Band = BAND2

##### 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





1.1.1.1.1.2 Test RB = RB1#5



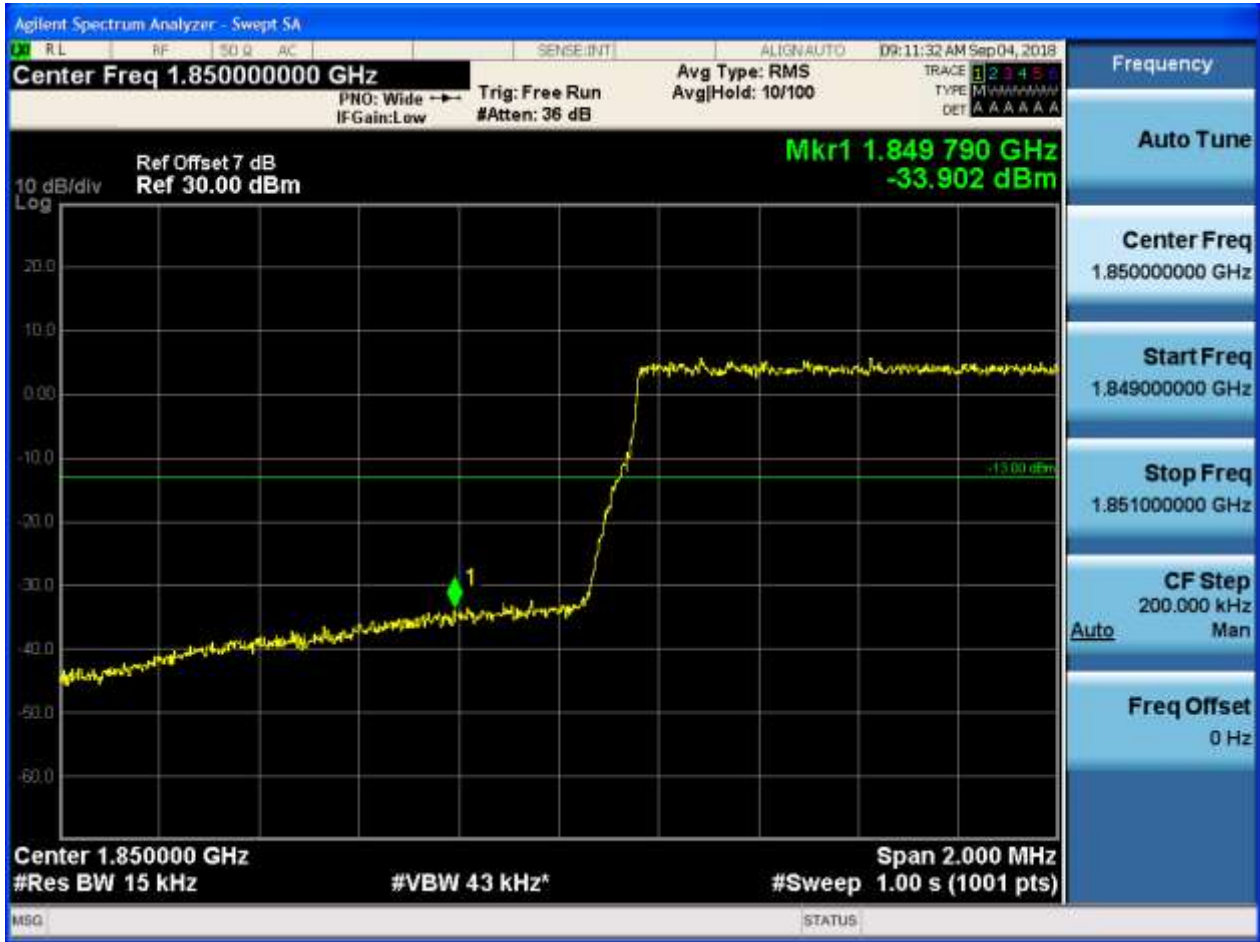


1.1.1.1.1.3 Test RB = RB3#2





1.1.1.1.1.4 Test RB = RB#0





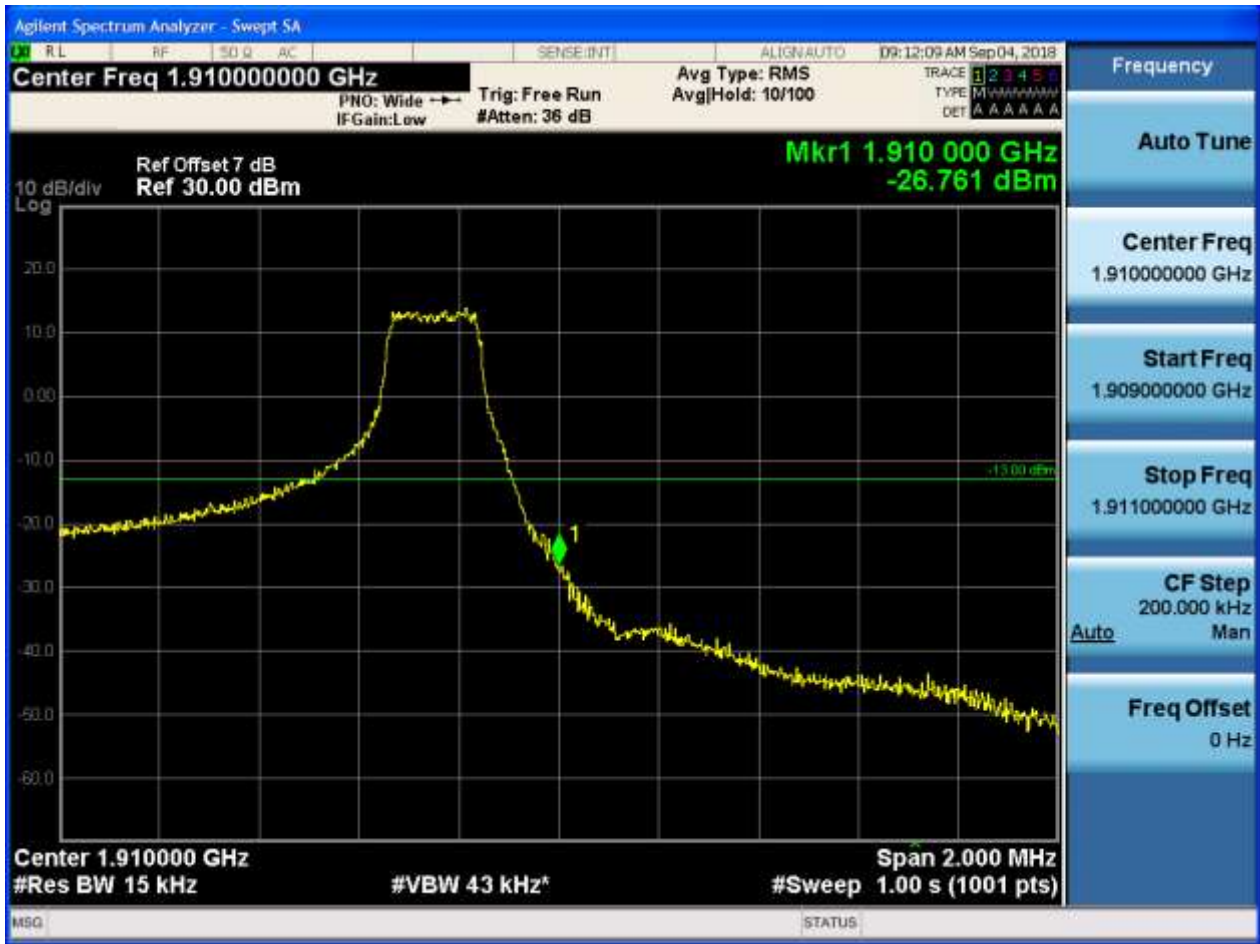
1.1.1.1.1.2 Test Channel = HCH

1.1.1.1.1.2.1 Test RB = RB1#0





1.1.1.1.2.2 Test RB = RB1#5







1.1.1.1.2.3 Test RB = RB3#2





1.1.1.1.1.2.4 Test RB = RB#0





1.1.1.1.2 Test Bandwidth = 3

1.1.1.1.2.1 Test Channel = LCH

1.1.1.1.2.1.1 Test RB = RB1#0





1.1.1.1.2.1.2 Test RB = RB1#14





1.1.1.1.2.1.3 Test RB = RB#4





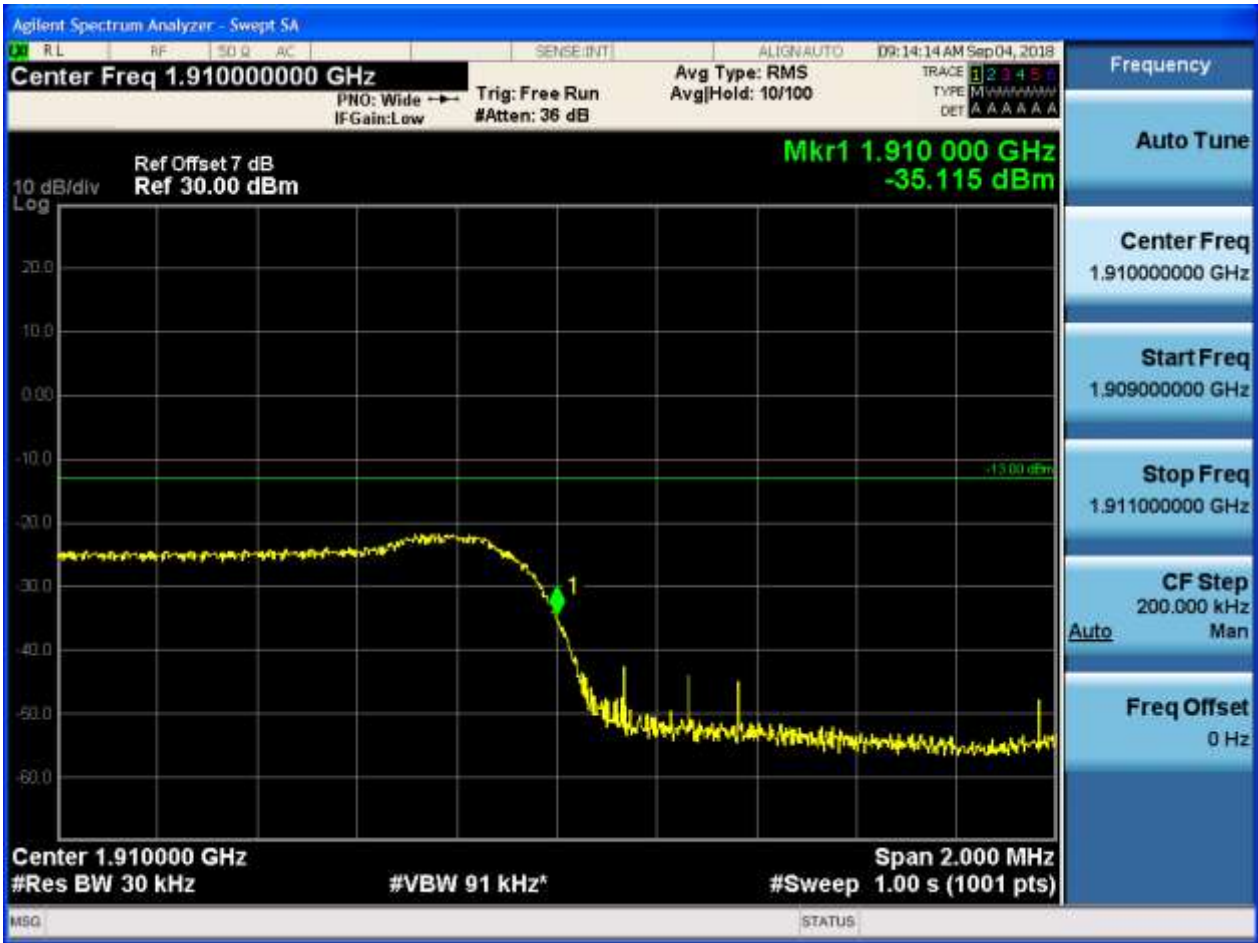
1.1.1.1.2.1.4 Test RB = RB15#0





1.1.1.1.2.2 Test Channel = HCH

1.1.1.1.2.2.1 Test RB = RB1#0





1.1.1.1.2.2.2 Test RB = RB1#14







1.1.1.1.2.2.3 Test RB = RB#4





1.1.1.1.2.2.4 Test RB = RB15#0





1.1.1.1.3 Test Bandwidth = 5

1.1.1.1.3.1 Test Channel = LCH

1.1.1.1.3.1.1 Test RB = RB1#0





1.1.1.1.3.1.2 Test RB = RB1#24





1.1.1.1.3.1.3 Test RB = RB12#6





1.1.1.1.3.1.4 Test RB = RB25#0





1.1.1.1.3.2 Test Channel = HCH

1.1.1.1.3.2.1 Test RB = RB1#0





1.1.1.1.3.2.2 Test RB = RB1#24







1.1.1.1.3.2.3 Test RB = RB12#6





1.1.1.1.3.2.4 Test RB = RB25#0



## 1.1.1.1.4 Test Bandwidth = 10

## 1.1.1.1.4.1 Test Channel = LCH

## 1.1.1.1.4.1.1 Test RB = RB1#0





1.1.1.1.4.1.2 Test RB = RB1#49





1.1.1.1.4.1.3 Test RB = RB25#13





1.1.1.1.4.1.4 Test RB = RB50#0





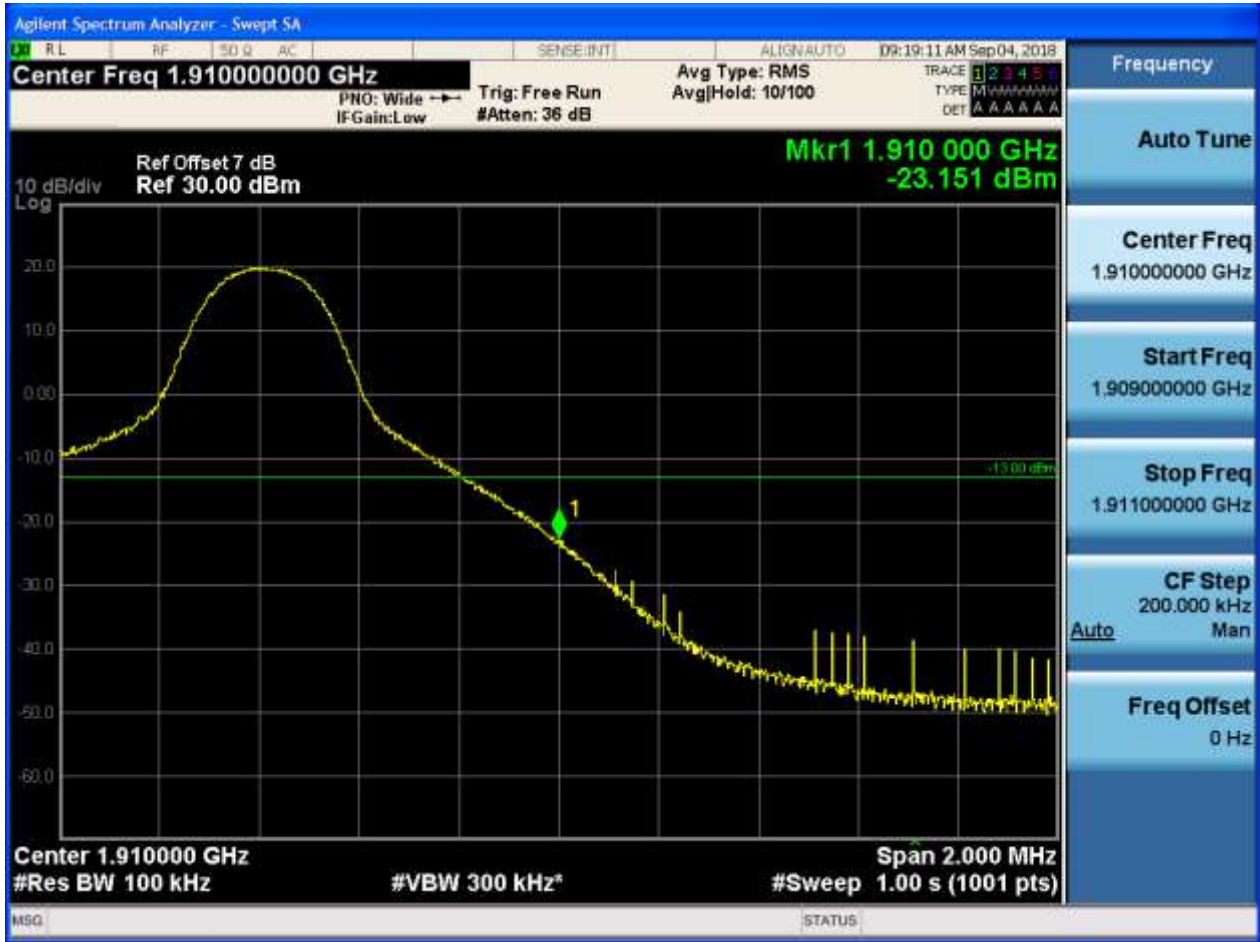
1.1.1.1.4.2 Test Channel = HCH

1.1.1.1.4.2.1 Test RB = RB1#0





1.1.1.1.4.2.2 Test RB = RB1#49







1.1.1.1.4.2.3 Test RB = RB25#13





1.1.1.1.4.2.4 Test RB = RB50#0



## 1.1.1.1.5 Test Bandwidth = 15

## 1.1.1.1.5.1 Test Channel = LCH

## 1.1.1.1.5.1.1 Test RB = RB1#0





1.1.1.1.5.1.2 Test RB = RB1#74





1.1.1.1.5.1.3 Test RB = RB38#19





1.1.1.1.5.1.4 Test RB = RB75#0





1.1.1.1.5.2 Test Channel = HCH

1.1.1.1.5.2.1 Test RB = RB1#0





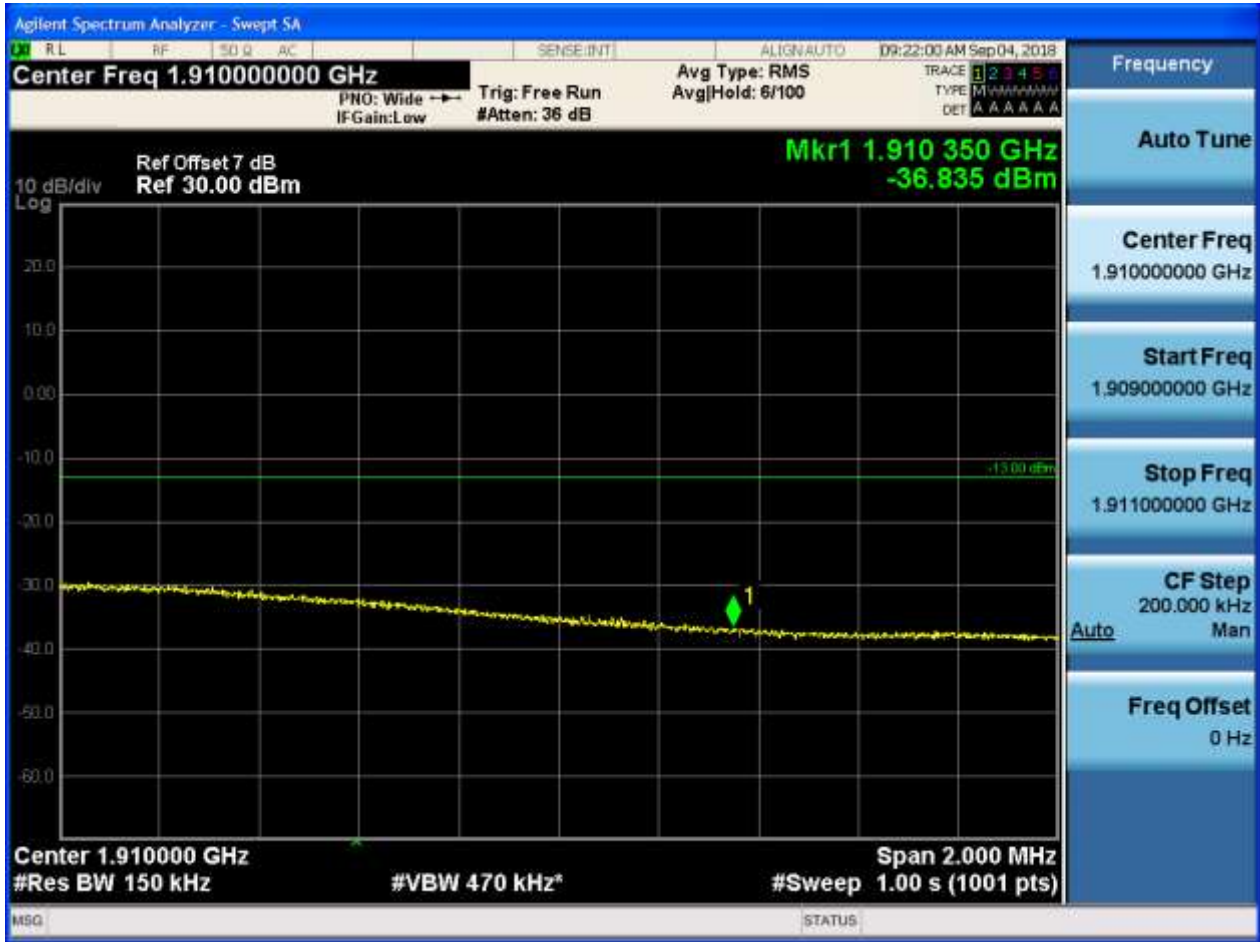
1.1.1.1.5.2.2 Test RB = RB1#74







1.1.1.1.5.2.3 Test RB = RB38#19





1.1.1.1.5.2.4 Test RB = RB75#0

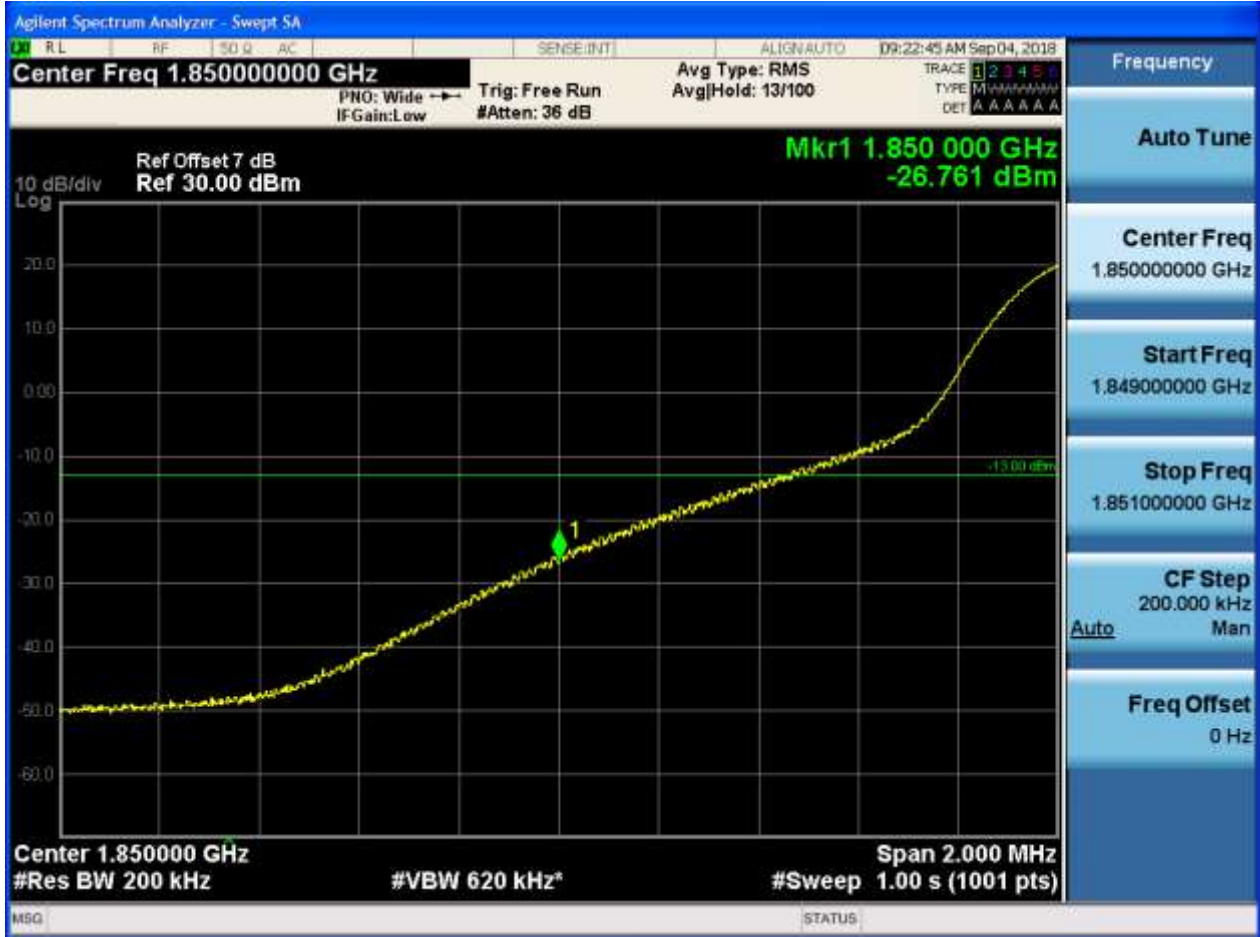




1.1.1.1.6 Test Bandwidth = 20

1.1.1.1.6.1 Test Channel = LCH

1.1.1.1.6.1.1 Test RB = RB1#0





1.1.1.1.6.1.2 Test RB = RB1#99





1.1.1.1.6.1.3 Test RB = RB50#25





1.1.1.1.6.1.4 Test RB = RB100#0





1.1.1.1.6.2 Test Channel = HCH

1.1.1.1.6.2.1 Test RB = RB1#0





1.1.1.1.6.2.2 Test RB = RB1#99







1.1.1.1.6.2.3 Test RB = RB50#25





1.1.1.1.6.2.4 Test RB = RB100#0





1.1.1.2 Test Mode = LTE/TM2

1.1.1.2.1 Test Bandwidth = 1.4

1.1.1.2.1.1 Test Channel = LCH

1.1.1.2.1.1.1 Test RB = RB1#0





1.1.1.2.1.1.2 Test RB = RB1#5





1.1.1.2.1.1.3 Test RB = RB3#2





1.1.1.2.1.1.4 Test RB = RB6#0





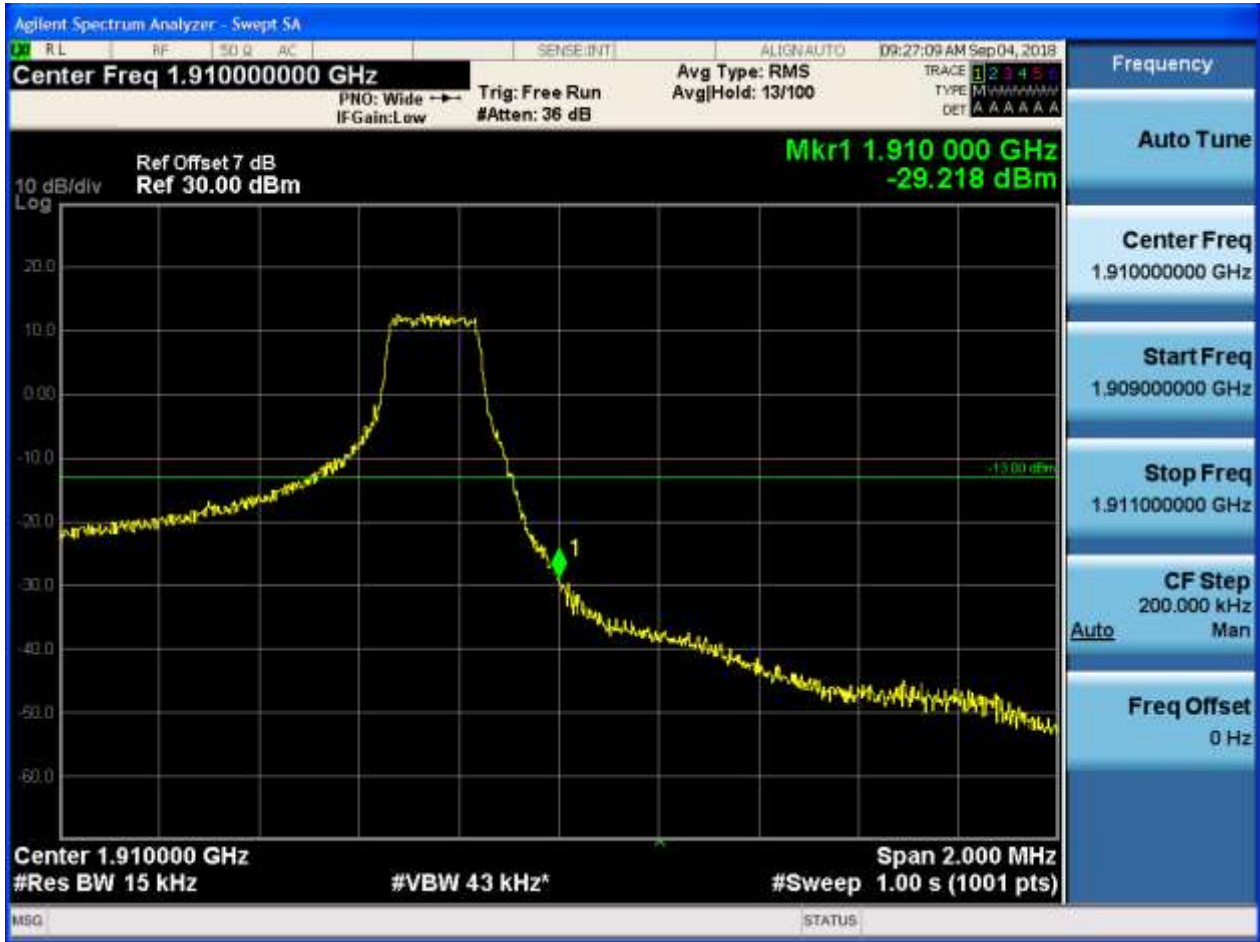
1.1.1.2.1.2 Test Channel = HCH

1.1.1.2.1.2.1 Test RB = RB1#0





1.1.1.2.1.2.2 Test RB = RB1#5







1.1.1.2.1.2.3 Test RB = RB3#2





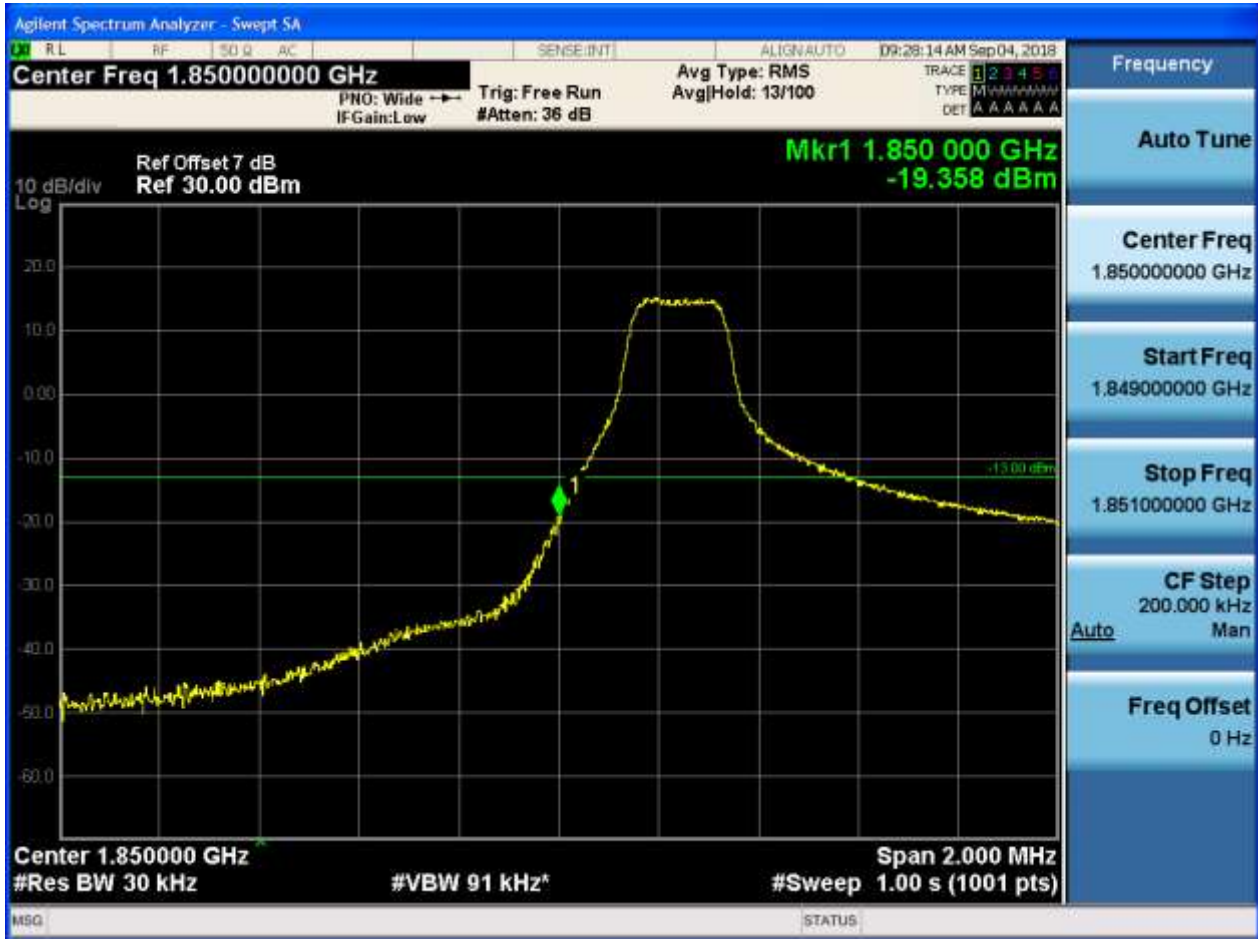
1.1.1.2.1.2.4 Test RB = RB#0



## 1.1.1.2.2 Test Bandwidth = 3

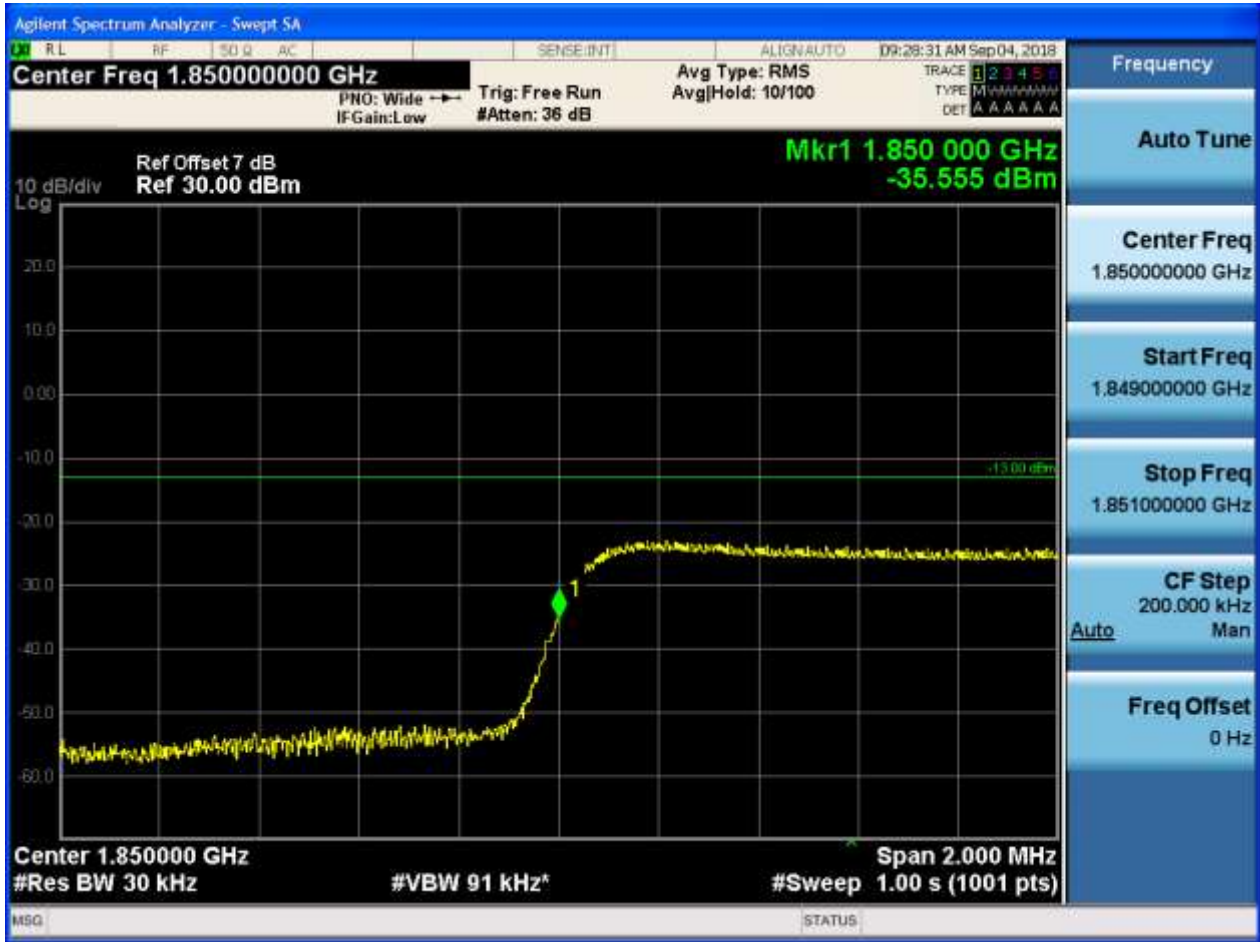
## 1.1.1.2.2.1 Test Channel = LCH

## 1.1.1.2.2.1.1 Test RB = RB1#0





1.1.1.2.2.1.2 Test RB = RB1#14





1.1.1.2.2.1.3 Test RB = RB#4





1.1.1.2.2.1.4 Test RB = RB15#0





1.1.1.2.2.2 Test Channel = HCH

1.1.1.2.2.2.1 Test RB = RB1#0





1.1.1.2.2.2.2 Test RB = RB1#14







1.1.1.2.2.2.3 Test RB = RB#4





1.1.1.2.2.4 Test RB = RB15#0





1.1.1.2.3 Test Bandwidth = 5

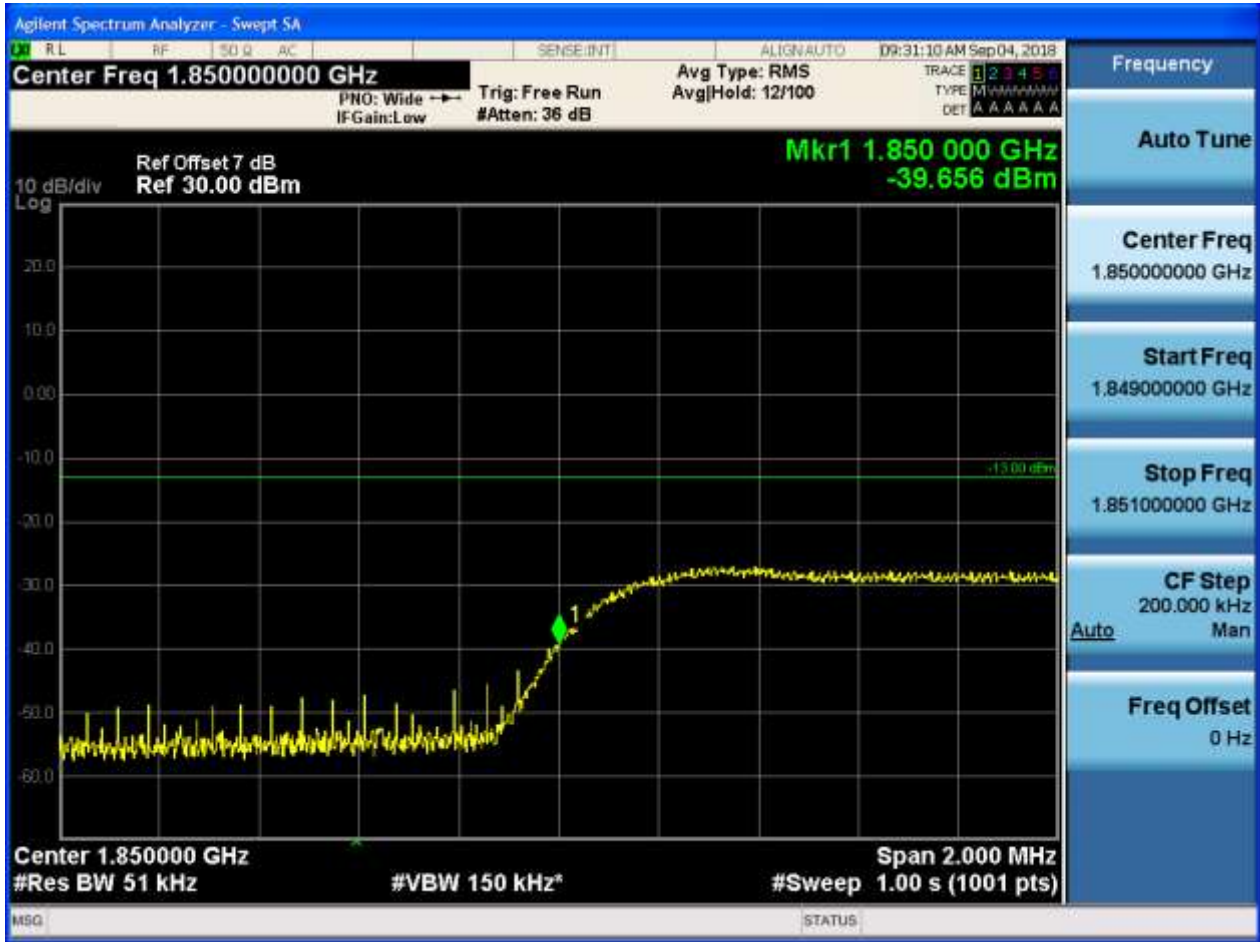
1.1.1.2.3.1 Test Channel = LCH

1.1.1.2.3.1.1 Test RB = RB1#0





1.1.1.2.3.1.2 Test RB = RB1#24





1.1.1.2.3.1.3 Test RB = RB12#6





1.1.1.2.3.1.4 Test RB = RB25#0





1.1.1.2.3.2 Test Channel = HCH

1.1.1.2.3.2.1 Test RB = RB1#0





1.1.1.2.3.2.2 Test RB = RB1#24







1.1.1.2.3.2.3 Test RB = RB12#6





1.1.1.2.3.2.4 Test RB = RB25#0







1.1.1.2.4.1.2 Test RB = RB1#49





1.1.1.2.4.1.3 Test RB = RB25#13





1.1.1.2.4.1.4 Test RB = RB50#0



1.1.1.2.4.2 Test Channel = HCH

1.1.1.2.4.2.1 Test RB = RB1#0





1.1.1.2.4.2.2 Test RB = RB1#49







1.1.1.2.4.2.3 Test RB = RB25#13





1.1.1.2.4.2.4 Test RB = RB50#0

