



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/TM 1	1.4	LCH	RB1#0	22.32	21.53	33	PASS
				RB1#3	22.09	21.30	33	PASS
				RB1#5	22.46	21.67	33	PASS
				RB3#0	22.41	21.62	33	PASS
				RB3#2	22.18	21.39	33	PASS
				RB3#3	22.49	21.70	33	PASS
				RB6#0	21.18	20.39	33	PASS
			MCH	RB1#0	22.67	21.88	33	PASS
				RB1#3	22.80	22.01	33	PASS
				RB1#5	22.58	21.79	33	PASS
				RB3#0	22.56	21.77	33	PASS
				RB3#2	22.23	21.44	33	PASS
				RB3#3	22.50	21.71	33	PASS
				RB6#0	21.51	20.72	33	PASS



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.34	21.55	33	PASS
				RB1#3	22.18	21.39	33	PASS
				RB1#5	22.21	21.42	33	PASS
				RB3#0	22.26	21.47	33	PASS
				RB3#2	22.42	21.63	33	PASS
				RB3#3	22.34	21.55	33	PASS
				RB6#0	21.33	20.54	33	PASS
		3	LCH	RB1#0	22.39	21.60	33	PASS
				RB1#7	22.32	21.53	33	PASS
				RB1#14	22.50	21.71	33	PASS
				RB8#0	21.12	20.33	33	PASS
				RB8#4	21.35	20.56	33	PASS
				RB8#7	21.47	20.68	33	PASS
				RB15#0	21.46	20.67	33	PASS
				MCH	RB1#0	22.50	21.71	33
RB1#7	22.02	21.23	33		PASS			
RB1#14	22.49	21.70	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB8#0	21.50	20.71	33	PASS	
				RB8#4	21.48	20.69	33	PASS	
				RB8#7	21.42	20.63	33	PASS	
				RB15#0	21.54	20.75	33	PASS	
			HCH	RB1#0	22.37	21.58	33	PASS	
				RB1#7	21.57	20.78	33	PASS	
				RB1#14	22.60	21.81	33	PASS	
				RB8#0	21.34	20.55	33	PASS	
				RB8#4	21.28	20.49	33	PASS	
				RB8#7	21.25	20.46	33	PASS	
				RB15#0	21.29	20.50	33	PASS	
				5	LCH	RB1#0	22.37	21.58	33
			RB1#13			22.36	21.57	33	PASS
			RB1#24			22.44	21.65	33	PASS
		RB12#0	21.36			20.57	33	PASS	
		RB12#6	21.52			20.73	33	PASS	
		RB12#1	21.45			20.66	33	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				3				
				RB25#0	21.47	20.68	33	PASS
			MCH	RB1#0	22.45	21.66	33	PASS
				RB1#13	22.59	21.80	33	PASS
				RB1#24	22.71	21.92	33	PASS
				RB12#0	21.66	20.87	33	PASS
				RB12#6	21.68	20.89	33	PASS
				RB12#13	21.68	20.89	33	PASS
				RB25#0	21.51	20.72	33	PASS
				HCH	RB1#0	22.60	21.81	33
			RB1#13		22.60	21.81	33	PASS
			RB1#24		22.54	21.75	33	PASS
			RB12#0		21.64	20.85	33	PASS
			RB12#6		21.58	20.79	33	PASS
			RB12#13		21.57	20.78	33	PASS
			RB25#0		21.56	20.77	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		10	LCH	RB1#0	22.36	21.57	33	PASS
				RB1#25	22.27	21.48	33	PASS
				RB1#49	22.48	21.69	33	PASS
				RB25#0	21.64	20.85	33	PASS
				RB25#13	21.31	20.52	33	PASS
				RB25#25	21.35	20.56	33	PASS
				RB50#0	21.31	20.52	33	PASS
			MCH	RB1#0	22.48	21.69	33	PASS
				RB1#25	22.29	21.50	33	PASS
				RB1#49	22.47	21.68	33	PASS
				RB25#0	21.33	20.54	33	PASS
				RB25#13	21.54	20.75	33	PASS
				RB25#25	21.53	20.74	33	PASS
HCH	RB50#0	21.49	20.70	33	PASS			
HCH	RB1#0	22.52	21.73	33	PASS			



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.40	21.61	33	PASS
				RB1#49	22.48	21.69	33	PASS
				RB25#0	21.61	20.82	33	PASS
				RB25#13	21.54	20.75	33	PASS
				RB25#25	21.51	20.72	33	PASS
				RB50#0	21.47	20.68	33	PASS
		15	LCH	RB1#0	22.39	21.60	33	PASS
				RB1#38	22.56	21.77	33	PASS
				RB1#74	22.53	21.74	33	PASS
				RB38#0	21.45	20.66	33	PASS
				RB38#19	21.61	20.82	33	PASS
				RB38#39	21.56	20.77	33	PASS
				RB75#0	21.64	20.85	33	PASS
				MCH	RB1#0	22.57	21.78	33
RB1#38	22.51	21.72	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB1#74	22.52	21.73	33	PASS		
				RB38#0	21.51	20.72	33	PASS		
				RB38#19	21.53	20.74	33	PASS		
				RB38#39	21.61	20.82	33	PASS		
				RB75#0	21.53	20.74	33	PASS		
			HCH	RB1#0	22.67	21.88	33	PASS		
				RB1#38	22.53	21.74	33	PASS		
				RB1#74	22.43	21.64	33	PASS		
				RB38#0	21.57	20.78	33	PASS		
				RB38#19	21.61	20.82	33	PASS		
		20	LCH		RB38#39	21.49	20.70	33	PASS	
					RB75#0	21.60	20.81	33	PASS	
					RB1#0	22.06	21.27	33	PASS	
						RB1#50	22.21	21.42	33	PASS
						RB1#99	22.35	21.56	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.63	20.84	33	PASS
				RB50#25	21.56	20.77	33	PASS
				RB50#50	21.56	20.77	33	PASS
				RB100#0	21.59	20.80	33	PASS
			MCH	RB1#0	22.32	21.53	33	PASS
				RB1#50	22.37	21.58	33	PASS
				RB1#99	22.29	21.50	33	PASS
				RB50#0	21.64	20.85	33	PASS
				RB50#25	21.49	20.70	33	PASS
				RB50#50	21.67	20.88	33	PASS
				RB100#0	21.54	20.75	33	PASS
			HCH	RB1#0	22.41	21.62	33	PASS
				RB1#50	22.41	21.62	33	PASS
				RB1#99	22.34	21.55	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict		
				RB50#0	21.68	20.89	33	PASS		
				RB50#25	21.64	20.85	33	PASS		
				RB50#50	21.52	20.73	33	PASS		
				RB100#0	21.56	20.77	33	PASS		
				RB1#0	21.38	20.59	33	PASS		
				RB1#3	21.28	20.49	33	PASS		
				RB1#5	21.68	20.89	33	PASS		
				RB3#0	21.38	20.59	33	PASS		
	LCH	LTE/TM2	1.4		RB3#2	21.13	20.34	33	PASS	
					RB3#3	21.12	20.33	33	PASS	
					RB6#0	20.36	19.57	33	PASS	
					MCH	RB1#0	21.62	20.83	33	PASS
						RB1#3	21.35	20.56	33	PASS
						RB1#5	21.61	20.82	33	PASS
						RB3#0	21.48	20.69	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB3#2	21.42	20.63	33	PASS
				RB3#3	21.62	20.83	33	PASS
				RB6#0	20.61	19.82	33	PASS
			HCH	RB1#0	21.94	21.15	33	PASS
				RB1#3	21.81	21.02	33	PASS
				RB1#5	21.96	21.17	33	PASS
				RB3#0	21.54	20.75	33	PASS
				RB3#2	21.46	20.67	33	PASS
				RB3#3	21.48	20.69	33	PASS
				RB6#0	20.36	19.57	33	PASS
				LCH	RB1#0	21.89	21.10	33
			RB1#7		21.11	20.32	33	PASS
			RB1#14		21.93	21.14	33	PASS
			RB8#0		20.52	19.73	33	PASS
			RB8#4		20.44	19.65	33	PASS
RB8#7	20.41	19.62	33		PASS			
RB15#0	20.40	19.61	33		PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.81	21.02	33	PASS
				RB1#7	21.21	20.42	33	PASS
				RB1#14	21.84	21.05	33	PASS
				RB8#0	20.42	19.63	33	PASS
				RB8#4	20.50	19.71	33	PASS
				RB8#7	20.37	19.58	33	PASS
				RB15#0	20.49	19.70	33	PASS
			HCH	RB1#0	21.65	20.86	33	PASS
				RB1#7	21.39	20.60	33	PASS
				RB1#14	21.72	20.93	33	PASS
				RB8#0	20.19	19.40	33	PASS
				RB8#4	20.55	19.76	33	PASS
				RB8#7	20.11	19.32	33	PASS
				RB15#0	20.13	19.34	33	PASS
			5	LCH	RB1#0	21.72	20.93	33
RB1#13	21.74	20.95			33	PASS		
RB1#24	21.80	21.01			33	PASS		



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#0	20.33	19.54	33	PASS
				RB12#6	20.46	19.67	33	PASS
				RB12#13	20.40	19.61	33	PASS
				RB25#0	20.40	19.61	33	PASS
			MCH	RB1#0	21.78	20.99	33	PASS
				RB1#13	21.70	20.91	33	PASS
				RB1#24	21.80	21.01	33	PASS
				RB12#0	20.61	19.82	33	PASS
				RB12#6	20.64	19.85	33	PASS
				RB12#13	20.67	19.88	33	PASS
				RB25#0	20.45	19.66	33	PASS
			HCH	RB1#0	22.04	21.25	33	PASS
				RB1#13	22.01	21.22	33	PASS
				RB1#24	21.91	21.12	33	PASS
				RB12#0	20.51	19.72	33	PASS
				RB12#6	20.67	19.88	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB12#13	20.47	19.68	33	PASS	
				RB25#0	20.50	19.71	33	PASS	
		10	LCH	RB1#0	21.68	20.89	33	PASS	
				RB1#25	21.52	20.73	33	PASS	
				RB1#49	21.85	21.06	33	PASS	
				RB25#0	20.58	19.79	33	PASS	
				RB25#13	20.25	19.46	33	PASS	
				RB25#25	20.27	19.48	33	PASS	
				RB50#0	20.23	19.44	33	PASS	
				MCH	RB1#0	21.73	20.94	33	PASS
					RB1#25	21.48	20.69	33	PASS
					RB1#49	21.59	20.80	33	PASS
		RB25#0	20.31		19.52	33	PASS		
		RB25#13	20.51		19.72	33	PASS		
RB25#2	20.46	19.67	33		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				5				
				RB50#0	20.40	19.61	33	PASS
			HCH	RB1#0	21.90	21.11	33	PASS
				RB1#25	21.21	20.42	33	PASS
				RB1#49	21.78	20.99	33	PASS
				RB25#0	20.58	19.79	33	PASS
				RB25#13	20.47	19.68	33	PASS
				RB25#25	20.43	19.64	33	PASS
				RB50#0	20.38	19.59	33	PASS
		15	LCH	RB1#0	21.70	20.91	33	PASS
				RB1#38	21.87	21.08	33	PASS
				RB1#74	21.90	21.11	33	PASS
				RB38#0	20.40	19.61	33	PASS
				RB38#19	20.55	19.76	33	PASS
				RB38#39	20.50	19.71	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB75#0	20.56	19.77	33	PASS
			MCH	RB1#0	21.69	20.90	33	PASS
				RB1#38	21.74	20.95	33	PASS
				RB1#74	21.71	20.92	33	PASS
				RB38#0	20.49	19.70	33	PASS
				RB38#19	20.46	19.67	33	PASS
				RB38#39	20.59	19.80	33	PASS
				RB75#0	20.46	19.67	33	PASS
				HCH	RB1#0	21.89	21.10	33
			RB1#38		21.79	21.00	33	PASS
			RB1#74		21.69	20.90	33	PASS
			RB38#0		20.58	19.79	33	PASS
			RB38#19		20.58	19.79	33	PASS
			RB38#39		20.50	19.71	33	PASS
			RB75#0		20.55	19.76	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		20	LCH	RB1#0	21.29	20.50	33	PASS
				RB1#50	21.31	20.52	33	PASS
				RB1#99	21.61	20.82	33	PASS
				RB50#0	20.55	19.76	33	PASS
				RB50#25	20.47	19.68	33	PASS
				RB50#50	20.47	19.68	33	PASS
				RB100#0	20.51	19.72	33	PASS
			MCH	RB1#0	21.55	20.76	33	PASS
				RB1#50	21.63	20.84	33	PASS
				RB1#99	21.54	20.75	33	PASS
				RB50#0	20.60	19.81	33	PASS
				RB50#25	20.43	19.64	33	PASS
				RB50#50	20.60	19.81	33	PASS
				RB100#0	20.47	19.68	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	21.66	20.87	33	PASS
				RB1#50	21.44	20.65	33	PASS
				RB1#99	21.58	20.79	33	PASS
				RB50#0	20.47	19.68	33	PASS
				RB50#25	20.54	19.75	33	PASS
				RB50#50	20.43	19.64	33	PASS
				RB100#0	20.50	19.71	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,

$$ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]$$

$$EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]$$

b, SGP = Signal Generator Level

Note2:

$$SET Span = 1.5 * OBW$$

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

$$SET VBW \geq 3 * RBW$$

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	5.39	13	PASS
				RB1#3	5.44	13	PASS
				RB1#5	5.23	13	PASS
				RB3#0	5.60	13	PASS
				RB3#2	5.51	13	PASS
				RB3#3	5.61	13	PASS
			RB6#0	6.03	13	PASS	
			MCH	RB1#0	4.89	13	PASS
				RB1#3	4.90	13	PASS
				RB1#5	5.36	13	PASS
				RB3#0	5.49	13	PASS
				RB3#2	5.46	13	PASS
		RB3#3		5.46	13	PASS	
		HCH	RB6#0	6.19	13	PASS	
			RB1#0	4.87	13	PASS	
			RB1#3	5.28	13	PASS	
			RB1#5	4.90	13	PASS	
			RB3#0	5.19	13	PASS	
			RB3#2	5.12	13	PASS	
		3	LCH	RB3#3	5.25	13	PASS
				RB6#0	5.96	13	PASS
				RB1#0	5.40	13	PASS
				RB1#7	5.36	13	PASS
				RB1#14	5.20	13	PASS
RB8#0	5.93			13	PASS		
MCH	RB8#4		5.85	13	PASS		
	RB8#7		5.89	13	PASS		
	RB15#0		6.02	13	PASS		
	RB1#0		4.68	13	PASS		
	RB1#7		5.11	13	PASS		
	RB1#14		4.98	13	PASS		
RB8#0	5.99	13	PASS				
RB8#4	6.03	13	PASS				
RB8#7	6.06	13	PASS				

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB15#0	6.23	13	PASS
				RB1#0	4.66	13	PASS
				RB1#7	5.35	13	PASS
				RB1#14	4.63	13	PASS
				RB8#0	5.82	13	PASS
				RB8#4	5.87	13	PASS
				RB8#7	5.82	13	PASS
				RB15#0	6.04	13	PASS
		5	LCH	RB1#0	4.96	13	PASS
				RB1#13	4.92	13	PASS
				RB1#24	5.00	13	PASS
				RB12#0	6.13	13	PASS
				RB12#6	5.81	13	PASS
				RB12#13	6.06	13	PASS
			RB25#0	6.11	13	PASS	
			MCH	RB1#0	5.13	13	PASS
				RB1#13	5.08	13	PASS
				RB1#24	5.17	13	PASS
				RB12#0	6.19	13	PASS
				RB12#6	6.07	13	PASS
				RB12#13	6.29	13	PASS
			RB25#0	6.32	13	PASS	
		HCH	RB1#0	4.65	13	PASS	
			RB1#13	4.49	13	PASS	
			RB1#24	4.53	13	PASS	
			RB12#0	5.84	13	PASS	
			RB12#6	5.92	13	PASS	
			RB12#13	5.89	13	PASS	
		RB25#0	6.18	13	PASS		
		10	LCH	RB1#0	5.32	13	PASS
RB1#25	5.41			13	PASS		
RB1#49	5.47			13	PASS		
RB25#0	6.45			13	PASS		
RB25#13	6.47			13	PASS		
RB25#25	6.45			13	PASS		
RB50#0	6.57		13	PASS			
MCH	RB1#0		5.10	13	PASS		
	RB1#25	5.27	13	PASS			
				RB1#49	5.27	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB25#0	6.12	13	PASS	
				RB25#13	6.03	13	PASS	
				RB25#25	6.25	13	PASS	
				RB50#0	6.34	13	PASS	
			HCH	RB1#0	4.67	13	PASS	
				RB1#25	4.82	13	PASS	
				RB1#49	4.63	13	PASS	
				RB25#0	5.85	13	PASS	
				RB25#13	5.89	13	PASS	
				RB25#25	5.95	13	PASS	
			RB50#0	6.16	13	PASS		
			15	LCH	RB1#0	5.43	13	PASS
					RB1#38	5.38	13	PASS
					RB1#74	5.48	13	PASS
		RB38#0			6.34	13	PASS	
		RB38#19			6.43	13	PASS	
		RB38#39			6.52	13	PASS	
		RB75#0		6.60	13	PASS		
		MCH		RB1#0	5.16	13	PASS	
				RB1#38	5.12	13	PASS	
				RB1#74	5.24	13	PASS	
				RB38#0	6.22	13	PASS	
				RB38#19	6.18	13	PASS	
			RB38#39	6.33	13	PASS		
		RB75#0	6.51	13	PASS			
		HCH	RB1#0	5.17	13	PASS		
			RB1#38	4.77	13	PASS		
			RB1#74	4.86	13	PASS		
			RB38#0	6.18	13	PASS		
			RB38#19	6.04	13	PASS		
RB38#39	6.12		13	PASS				
RB75#0	6.55		13	PASS				
20	LCH	RB1#0	5.09	13	PASS			
		RB1#50	5.37	13	PASS			
		RB1#99	5.27	13	PASS			
		RB50#0	6.35	13	PASS			
		RB50#25	6.48	13	PASS			
		RB50#50	6.51	13	PASS			
		RB100#0	6.77	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			MCH	RB1#0	5.23	13	PASS	
				RB1#50	5.25	13	PASS	
				RB1#99	5.22	13	PASS	
				RB50#0	6.33	13	PASS	
				RB50#25	6.30	13	PASS	
				RB50#50	6.35	13	PASS	
				RB100#0	6.41	13	PASS	
			HCH	RB1#0	4.98	13	PASS	
				RB1#50	4.89	13	PASS	
				RB1#99	4.77	13	PASS	
				RB50#0	6.35	13	PASS	
				RB50#25	6.18	13	PASS	
				RB50#50	6.25	13	PASS	
				RB100#0	6.57	13	PASS	
		LTE/TM2	1.4	LCH	RB1#0	6.08	13	PASS
					RB1#3	6.47	13	PASS
					RB1#5	5.65	13	PASS
					RB3#0	6.49	13	PASS
					RB3#2	6.45	13	PASS
					RB3#3	6.18	13	PASS
					RB6#0	6.67	13	PASS
				MCH	RB1#0	6.23	13	PASS
					RB1#3	6.39	13	PASS
					RB1#5	6.26	13	PASS
					RB3#0	6.47	13	PASS
					RB3#2	6.22	13	PASS
					RB3#3	6.82	13	PASS
					RB6#0	6.97	13	PASS
HCH	RB1#0	5.38	13	PASS				
	RB1#3	5.43	13	PASS				
	RB1#5	5.43	13	PASS				
	RB3#0	6.82	13	PASS				
	RB3#2	6.50	13	PASS				
	RB3#3	6.47	13	PASS				
	RB6#0	7.31	13	PASS				
		3	LCH	RB1#0	5.30	13	PASS	
				RB1#7	5.92	13	PASS	
				RB1#14	6.04	13	PASS	
				RB8#0	6.94	13	PASS	

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
				RB8#4	6.92	13	PASS	
				RB8#7	7.04	13	PASS	
				RB15#0	6.91	13	PASS	
			MCH	RB1#0	5.85	13	PASS	
				RB1#7	6.37	13	PASS	
				RB1#14	5.66	13	PASS	
				RB8#0	6.70	13	PASS	
				RB8#4	6.69	13	PASS	
				RB8#7	6.68	13	PASS	
			HCH	RB15#0	6.78	13	PASS	
				RB1#0	5.71	13	PASS	
				RB1#7	5.78	13	PASS	
				RB1#14	5.67	13	PASS	
			5	LCH	RB8#0	6.95	13	PASS
					RB8#4	6.97	13	PASS
		RB8#7			7.01	13	PASS	
		RB15#0			7.05	13	PASS	
		RB1#0			5.68	13	PASS	
		RB1#13			5.62	13	PASS	
		MCH		RB1#24	5.78	13	PASS	
				RB12#0	6.75	13	PASS	
				RB12#6	6.87	13	PASS	
				RB12#13	6.93	13	PASS	
				RB25#0	7.06	13	PASS	
				RB1#0	5.89	13	PASS	
		HCH		RB1#13	5.92	13	PASS	
				RB1#24	6.04	13	PASS	
			RB12#0	7.12	13	PASS		
			RB12#6	7.20	13	PASS		
			RB12#13	6.89	13	PASS		
RB25#0	6.79		13	PASS				
RB1#0	5.61		13	PASS				
10	LCH	RB1#13	5.44	13	PASS			
		RB1#24	5.47	13	PASS			
		RB12#0	6.85	13	PASS			
		RB12#6	6.90	13	PASS			
		RB12#13	6.87	13	PASS			
		RB25#0	7.10	13	PASS			
		RB1#0	5.79	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#25	5.87	13	PASS
				RB1#49	6.01	13	PASS
				RB25#0	7.26	13	PASS
				RB25#13	7.27	13	PASS
				RB25#25	7.33	13	PASS
				RB50#0	7.16	13	PASS
			MCH	RB1#0	6.40	13	PASS
				RB1#25	6.35	13	PASS
				RB1#49	6.50	13	PASS
				RB25#0	7.00	13	PASS
				RB25#13	6.99	13	PASS
				RB25#25	6.93	13	PASS
			HCH	RB50#0	7.30	13	PASS
				RB1#0	5.83	13	PASS
				RB1#25	6.08	13	PASS
				RB1#49	5.84	13	PASS
				RB25#0	7.08	13	PASS
				RB25#13	7.03	13	PASS
		15	LCH	RB25#25	7.07	13	PASS
				RB50#0	7.16	13	PASS
				RB1#0	5.62	13	PASS
				RB1#38	5.58	13	PASS
				RB1#74	5.83	13	PASS
				RB38#0	7.41	13	PASS
			MCH	RB38#19	7.41	13	PASS
				RB38#39	7.58	13	PASS
				RB75#0	7.42	13	PASS
				RB1#0	6.16	13	PASS
				RB1#38	6.36	13	PASS
				RB1#74	6.21	13	PASS
HCH	RB38#0	7.30	13	PASS			
	RB38#19	7.21	13	PASS			
	RB38#39	7.35	13	PASS			
	RB75#0	7.65	13	PASS			
	RB38#19	7.06	13	PASS			
			HCH	RB1#0	5.85	13	PASS
			HCH	RB1#38	5.71	13	PASS
			HCH	RB1#74	5.73	13	PASS
			HCH	RB38#0	7.27	13	PASS
			HCH	RB38#19	7.06	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB38#39	7.14	13	PASS
				RB75#0	7.48	13	PASS
		20	LCH	RB1#0	5.93	13	PASS
				RB1#50	6.17	13	PASS
				RB1#99	6.08	13	PASS
				RB50#0	7.28	13	PASS
				RB50#25	7.43	13	PASS
				RB50#50	7.48	13	PASS
				RB100#0	7.43	13	PASS
				MCH	RB1#0	5.76	13
			RB1#50		5.71	13	PASS
			RB1#99		5.65	13	PASS
			RB50#0		7.37	13	PASS
			RB50#25		7.45	13	PASS
			RB50#50		7.43	13	PASS
			HCH	RB100#0	7.40	13	PASS
		RB1#0		6.00	13	PASS	
		RB1#50		5.93	13	PASS	
		RB1#99		5.82	13	PASS	
		RB50#0		7.28	13	PASS	
		RB50#25		7.17	13	PASS	
RB50#50	7.28	13		PASS			
RB100#0	7.46	13	PASS				

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

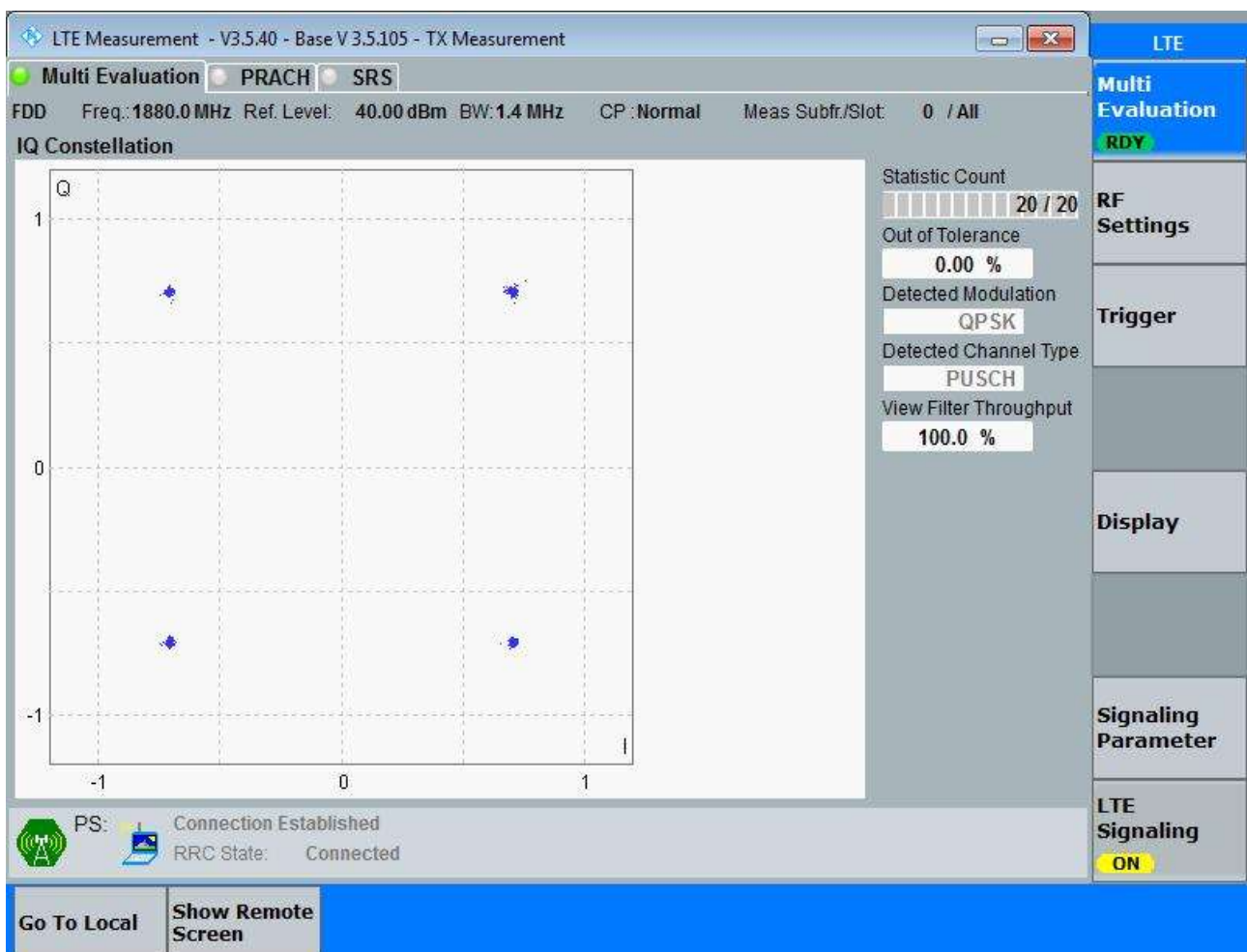
3.1.1 Test Band = Band2

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1 Test Channel = MCH

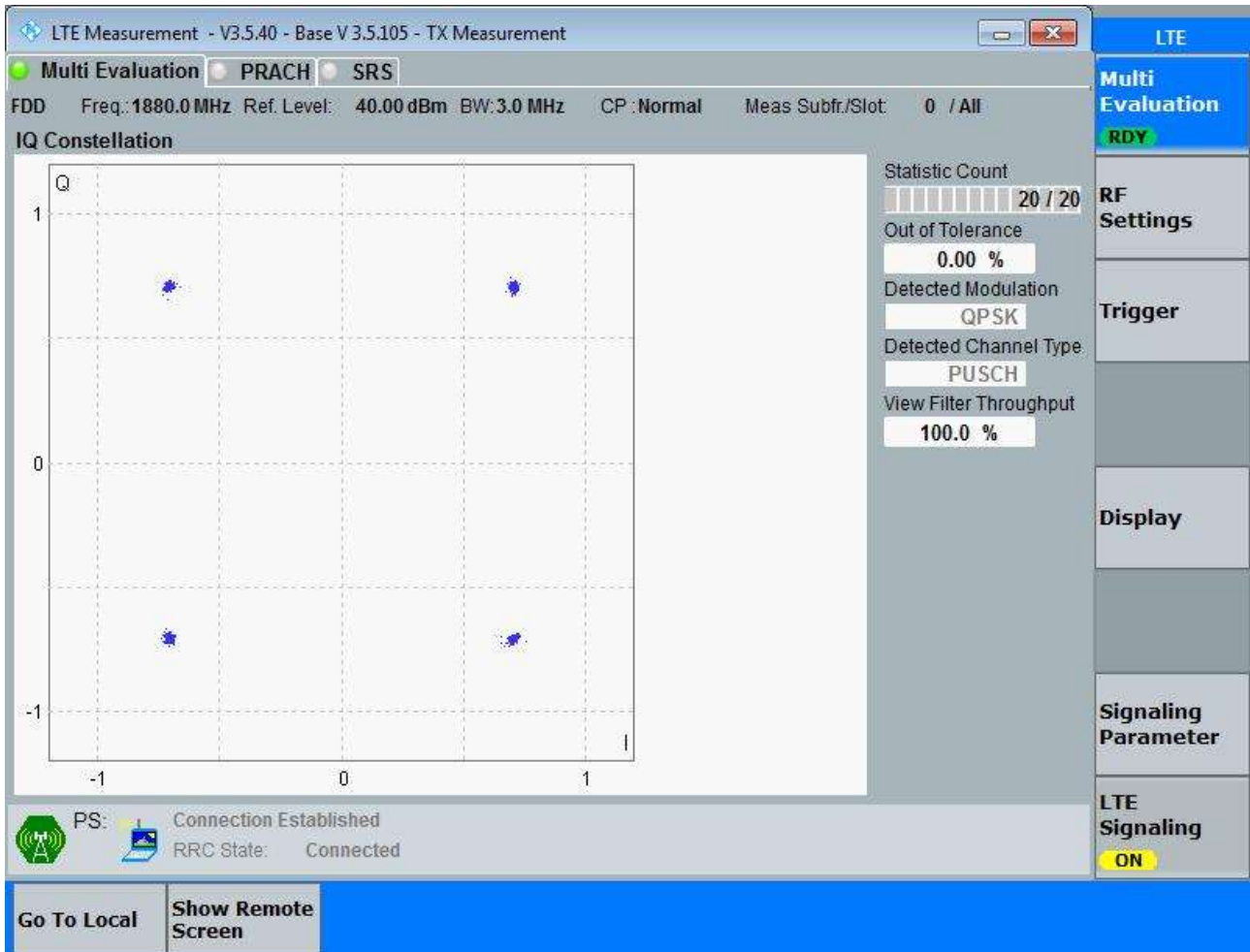
3.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

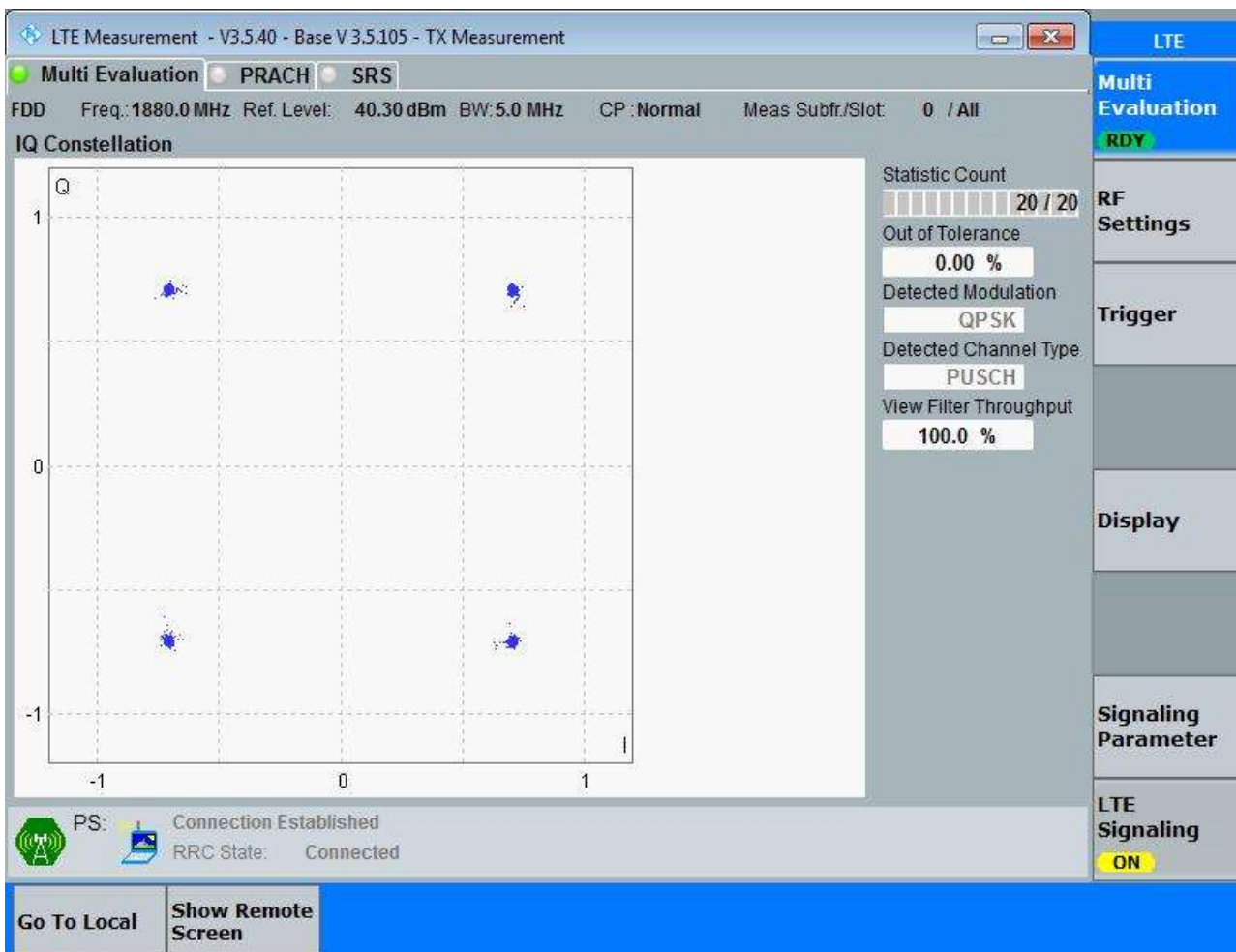
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

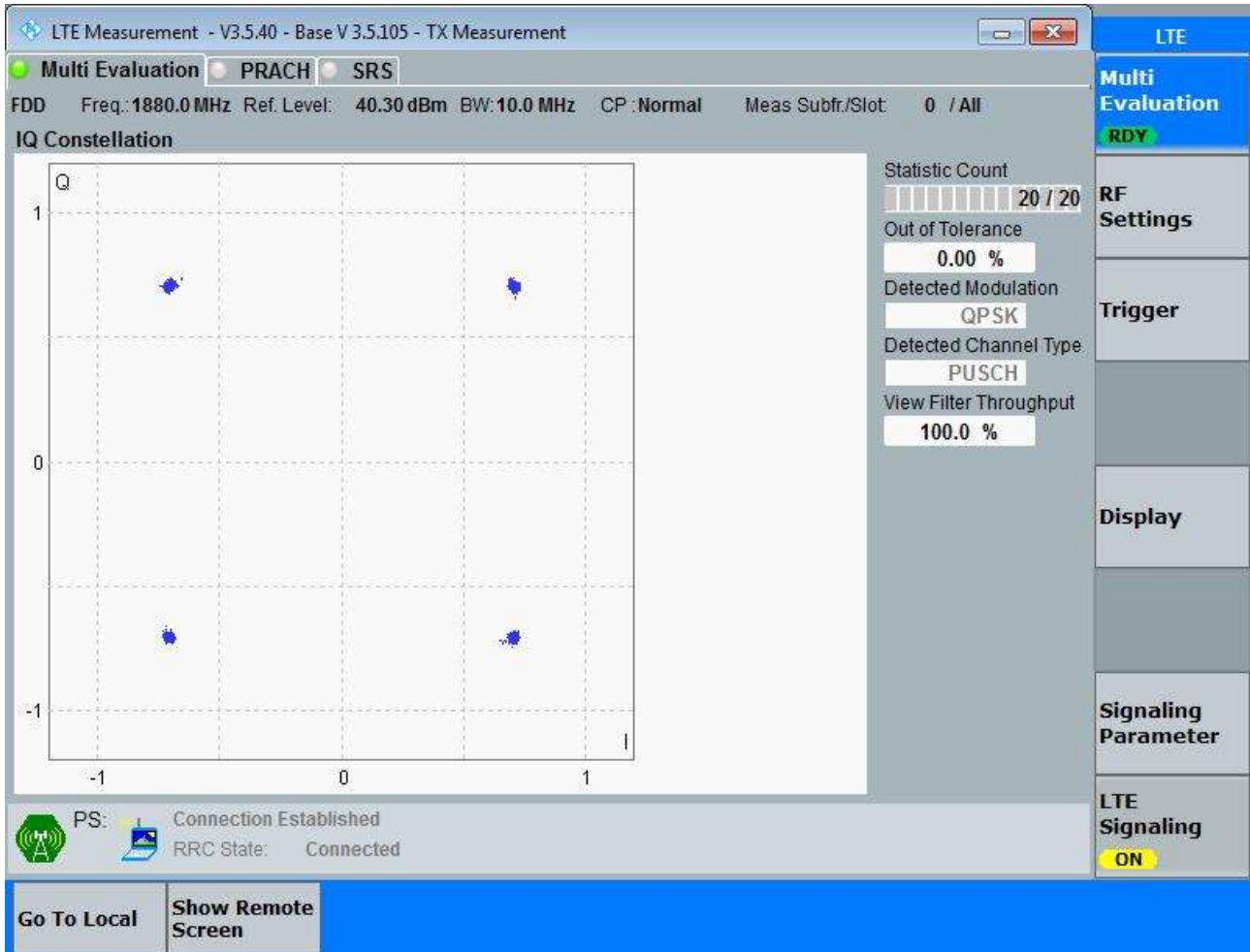
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

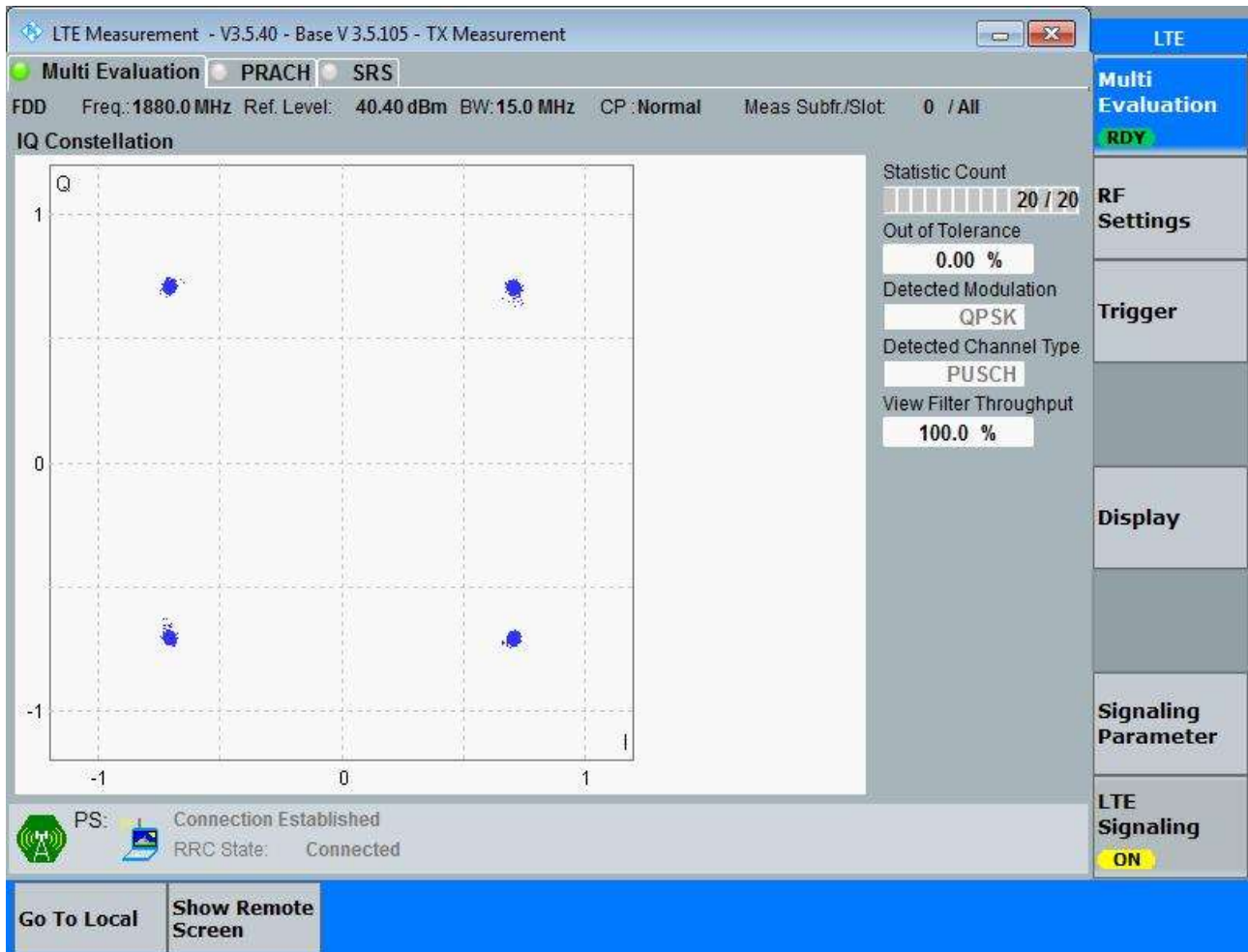
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

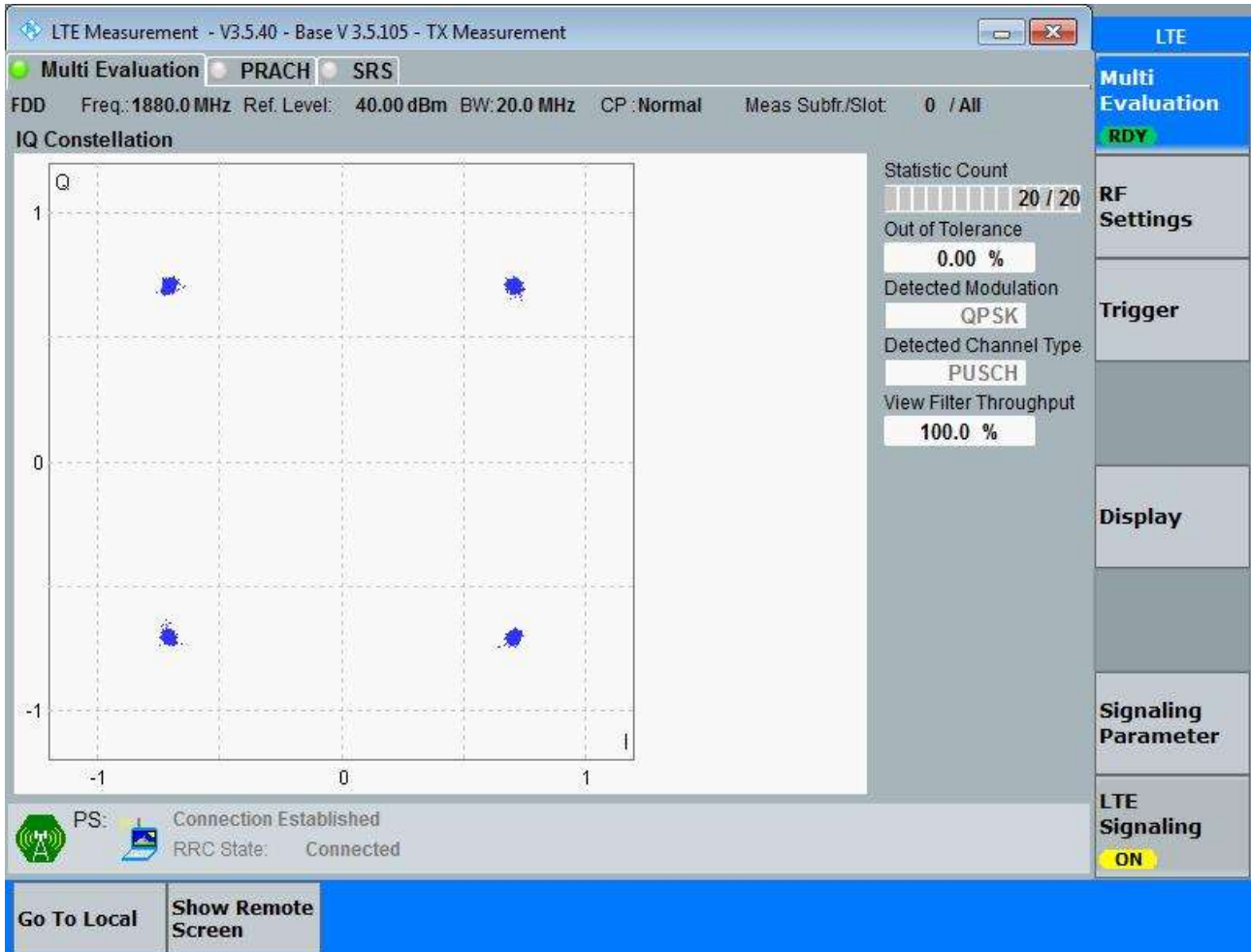
3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0

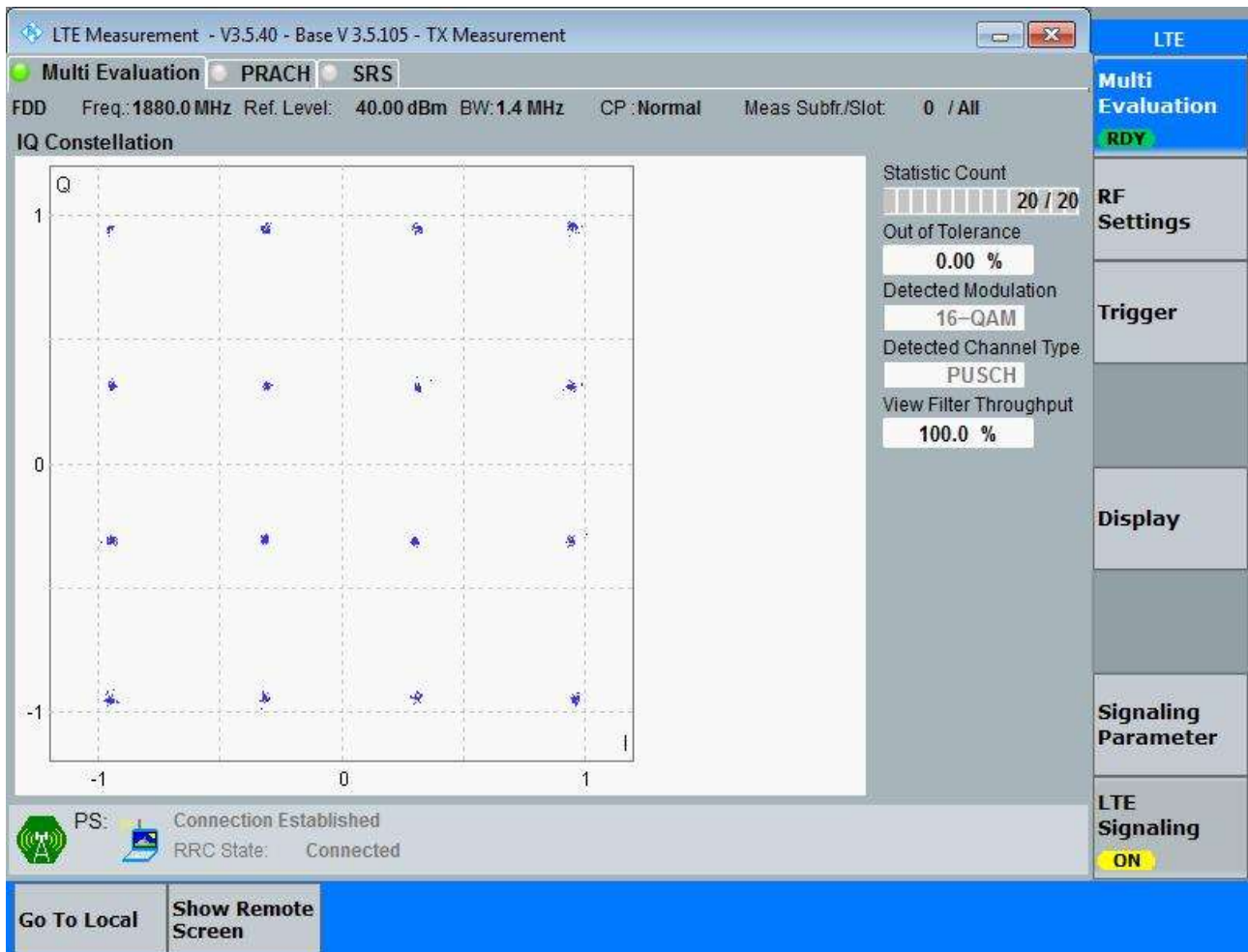


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

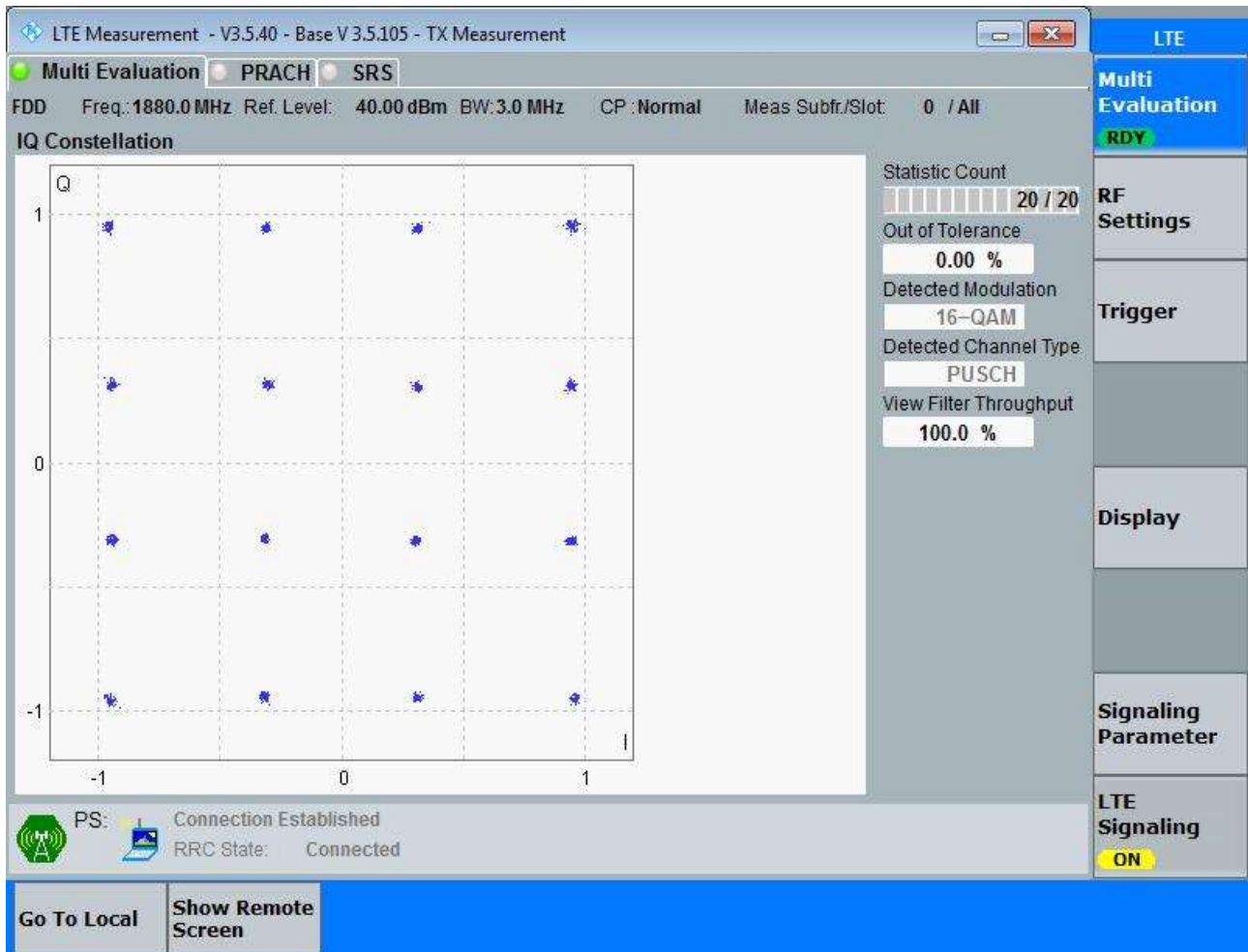
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

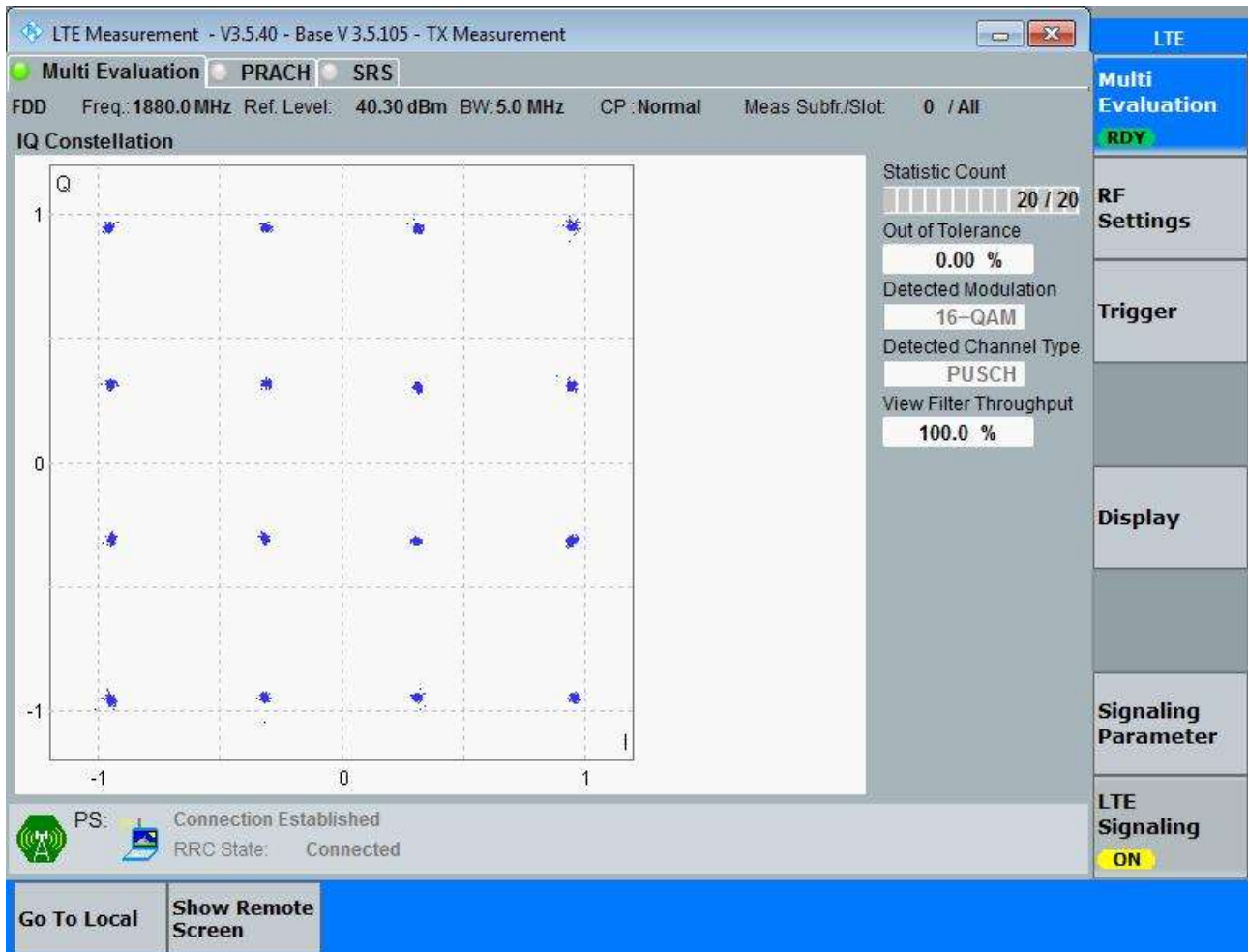
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

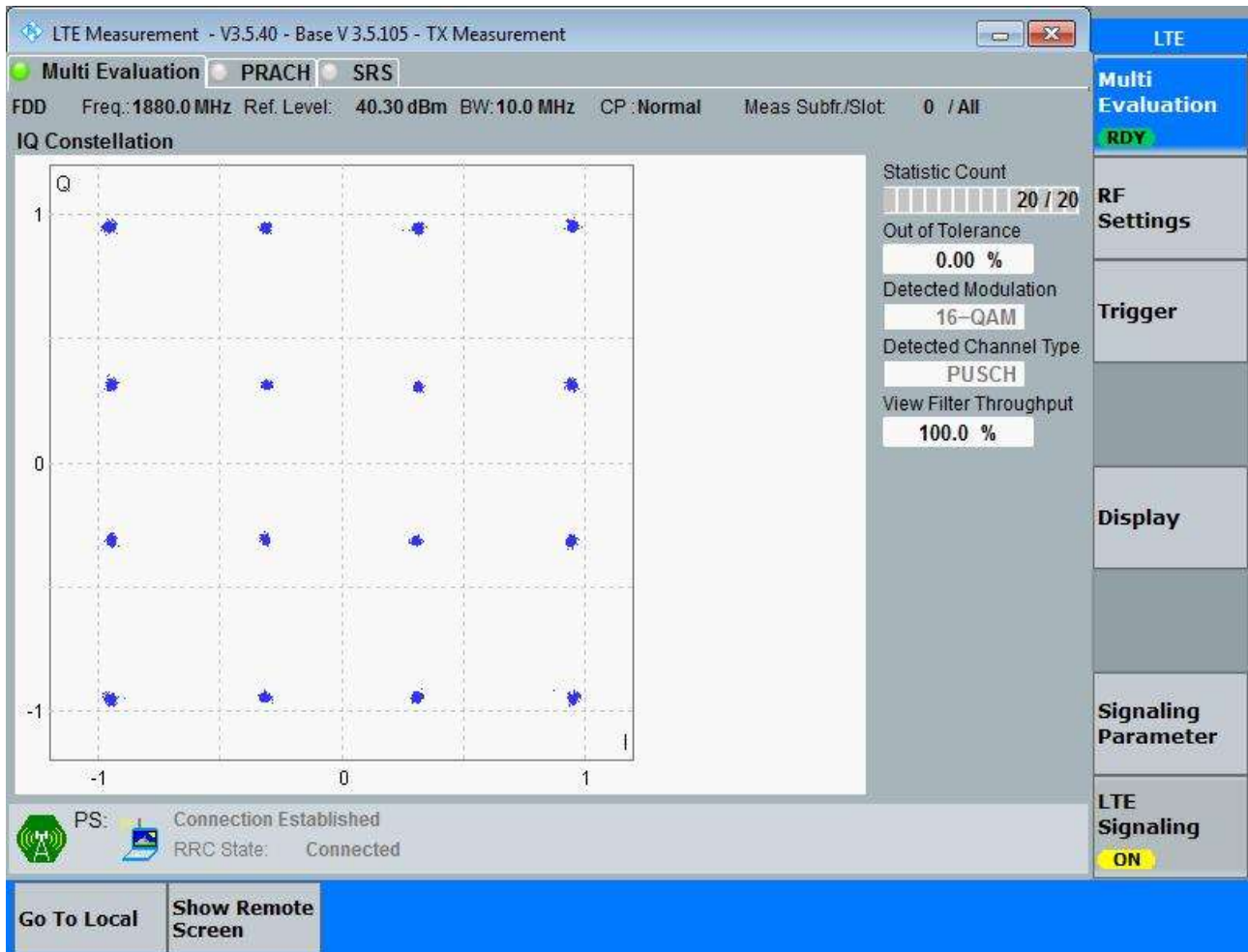
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

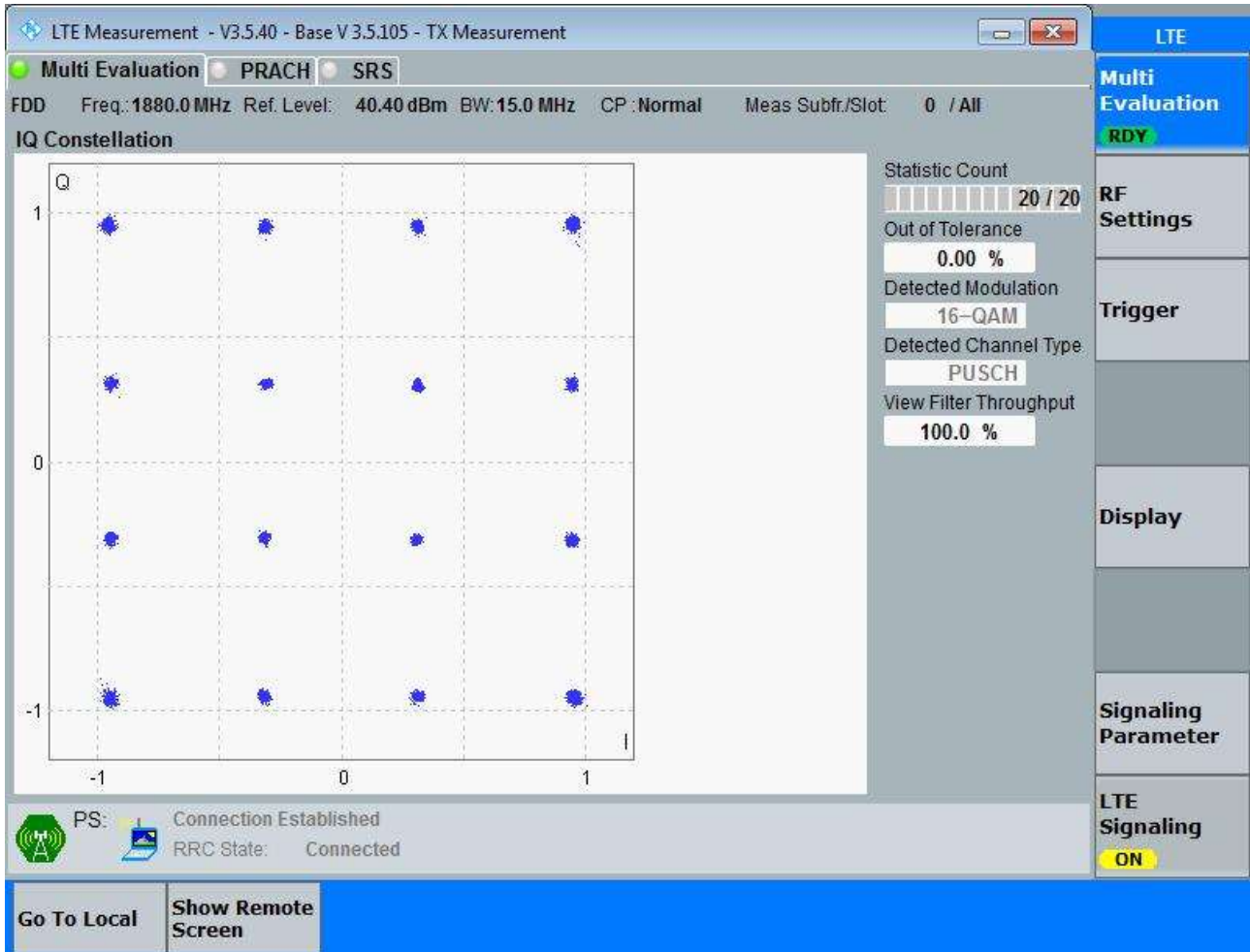
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

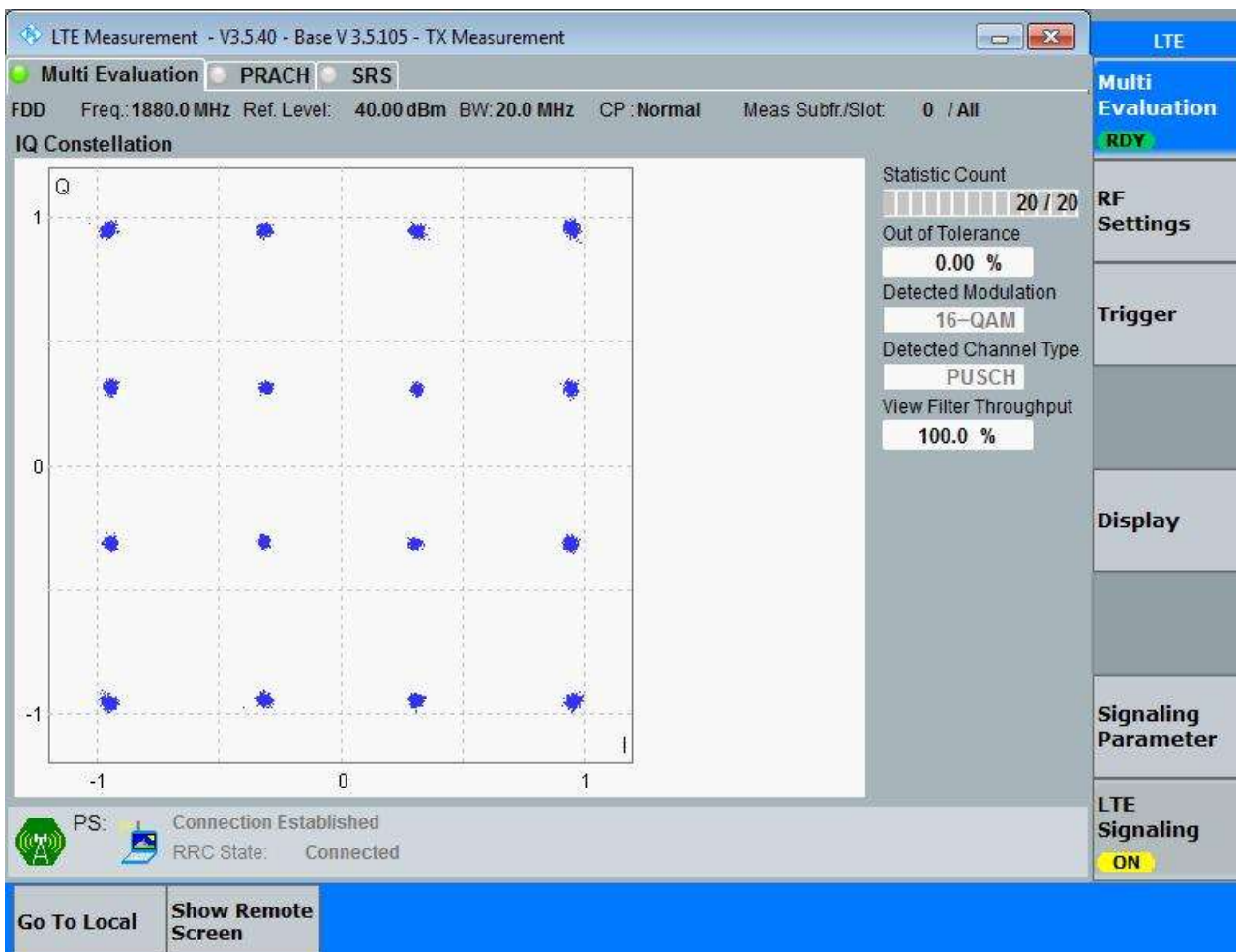
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band2	LTE/TM1	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.98	Pass
			MCH	RB15#0	2.71	2.98	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.51	4.91	Pass
			MCH	RB25#0	4.52	4.95	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	9.00	9.92	Pass
			MCH	RB50#0	9.01	9.88	Pass
			HCH	RB50#0	9.02	9.89	Pass
		15	LCH	RB75#0	13.51	14.95	Pass
			MCH	RB75#0	13.49	14.85	Pass
			HCH	RB75#0	13.54	14.96	Pass
		20	LCH	RB100#0	18.01	19.77	Pass
			MCH	RB100#0	17.99	19.75	Pass
			HCH	RB100#0	18.04	19.75	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	2.97	Pass
			MCH	RB15#0	2.71	2.97	Pass
			HCH	RB15#0	2.71	2.97	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.52	4.95	Pass
10		LCH	RB50#0	8.99	9.89	Pass	
		MCH	RB50#0	9.00	9.85	Pass	
		HCH	RB50#0	9.02	9.89	Pass	
15		LCH	RB75#0	13.53	14.90	Pass	
		MCH	RB75#0	13.52	14.94	Pass	
		HCH	RB75#0	13.52	15.02	Pass	
20		LCH	RB100#0	18.02	19.76	Pass	



Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			MCH	RB100#0	18.00	19.83	Pass
			HCH	RB100#0	18.05	19.80	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



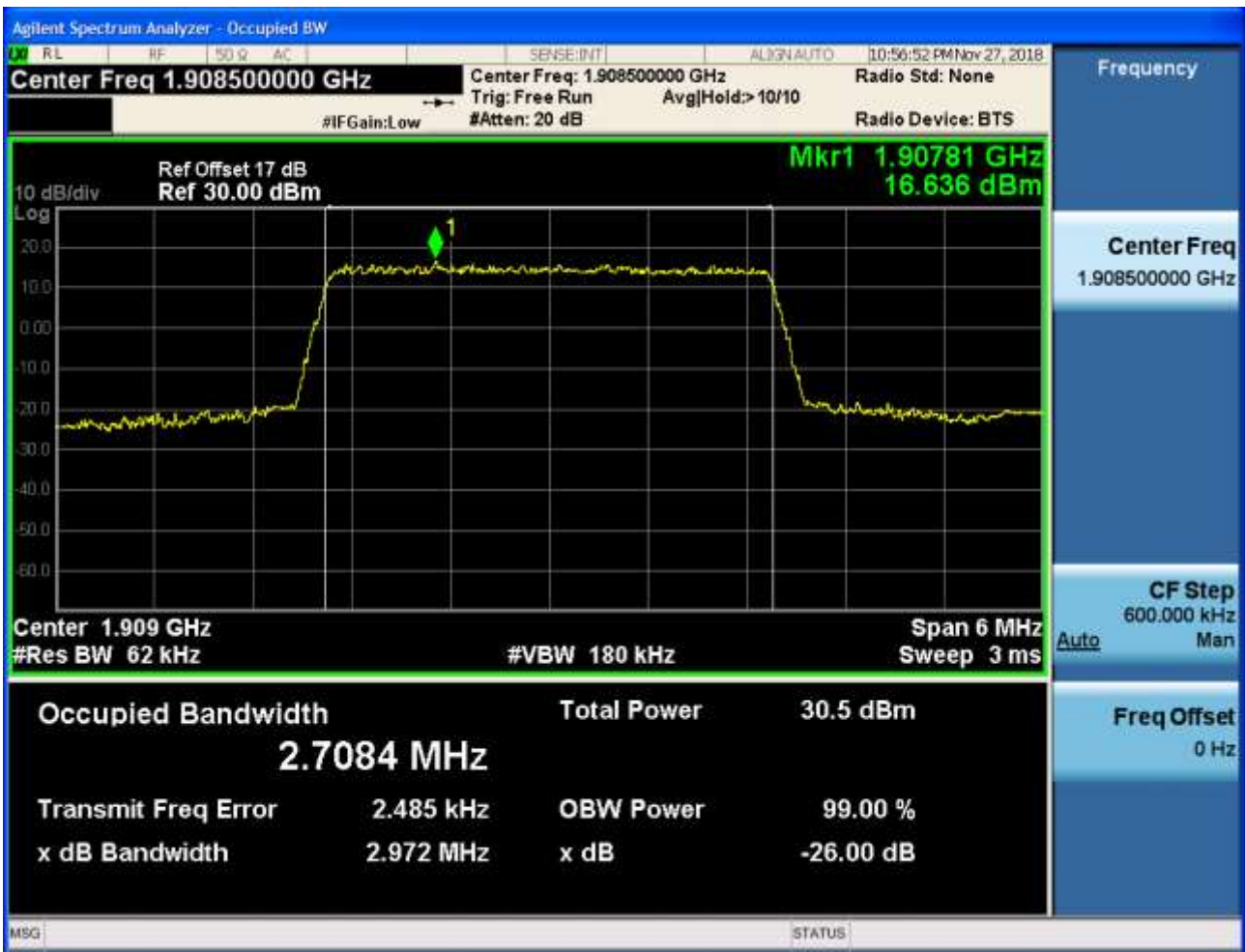
4.1.1.1.2.2 Test Channel = MCH

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



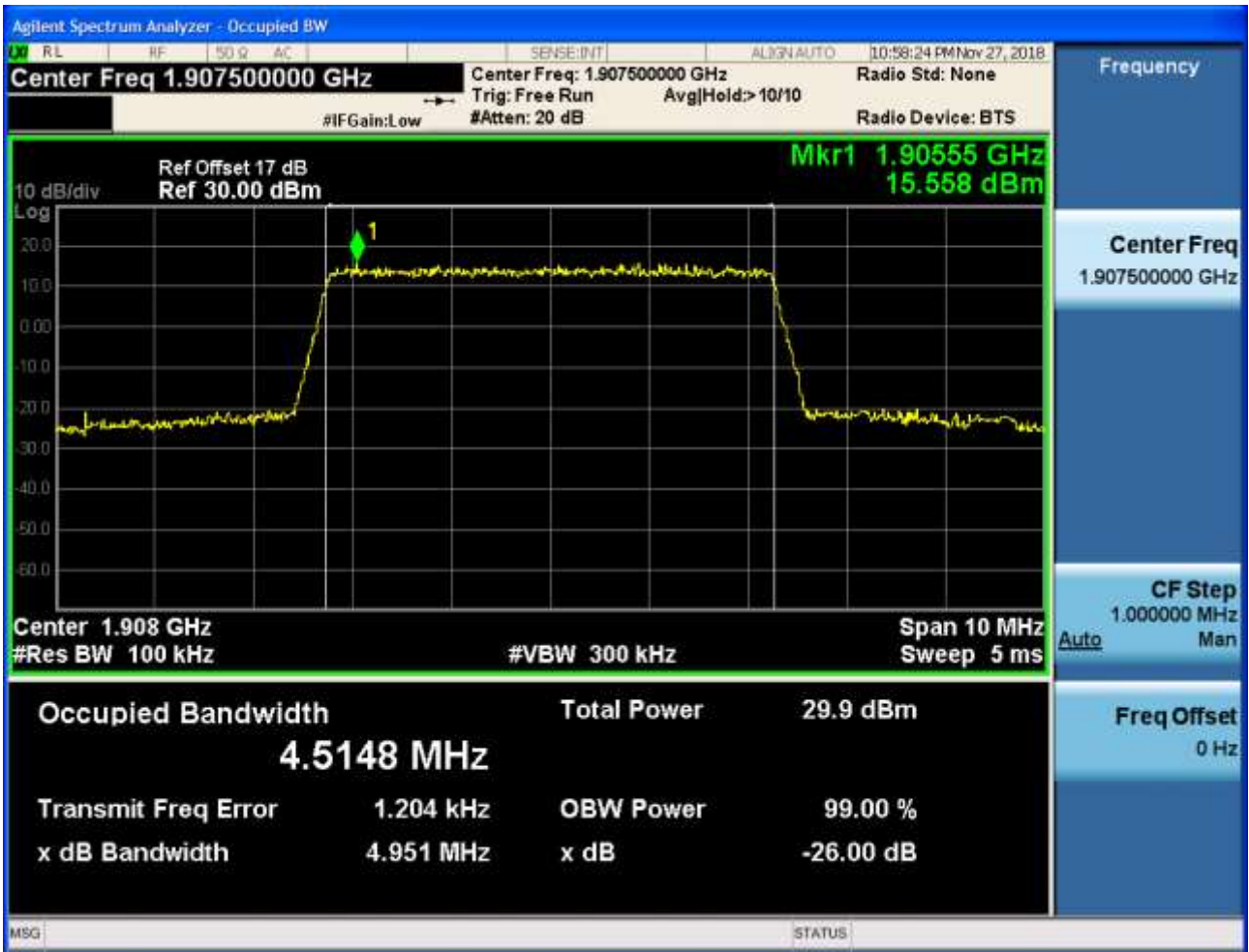
4.1.1.1.3.2 Test Channel = MCH

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

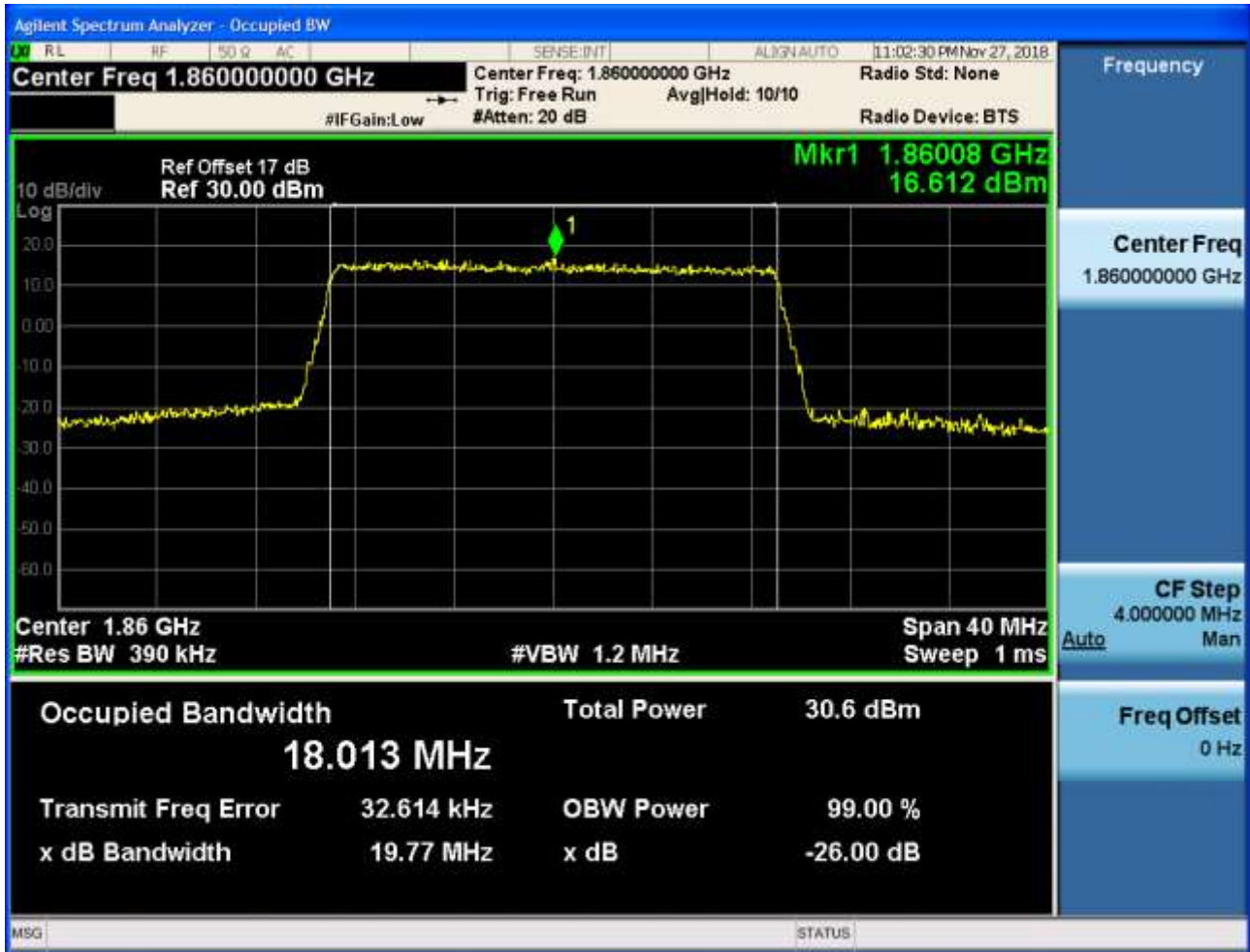
4.1.1.1.5.3.1 Test RB = RB75#0



4.1.1.1.6 Test Bandwidth = 20

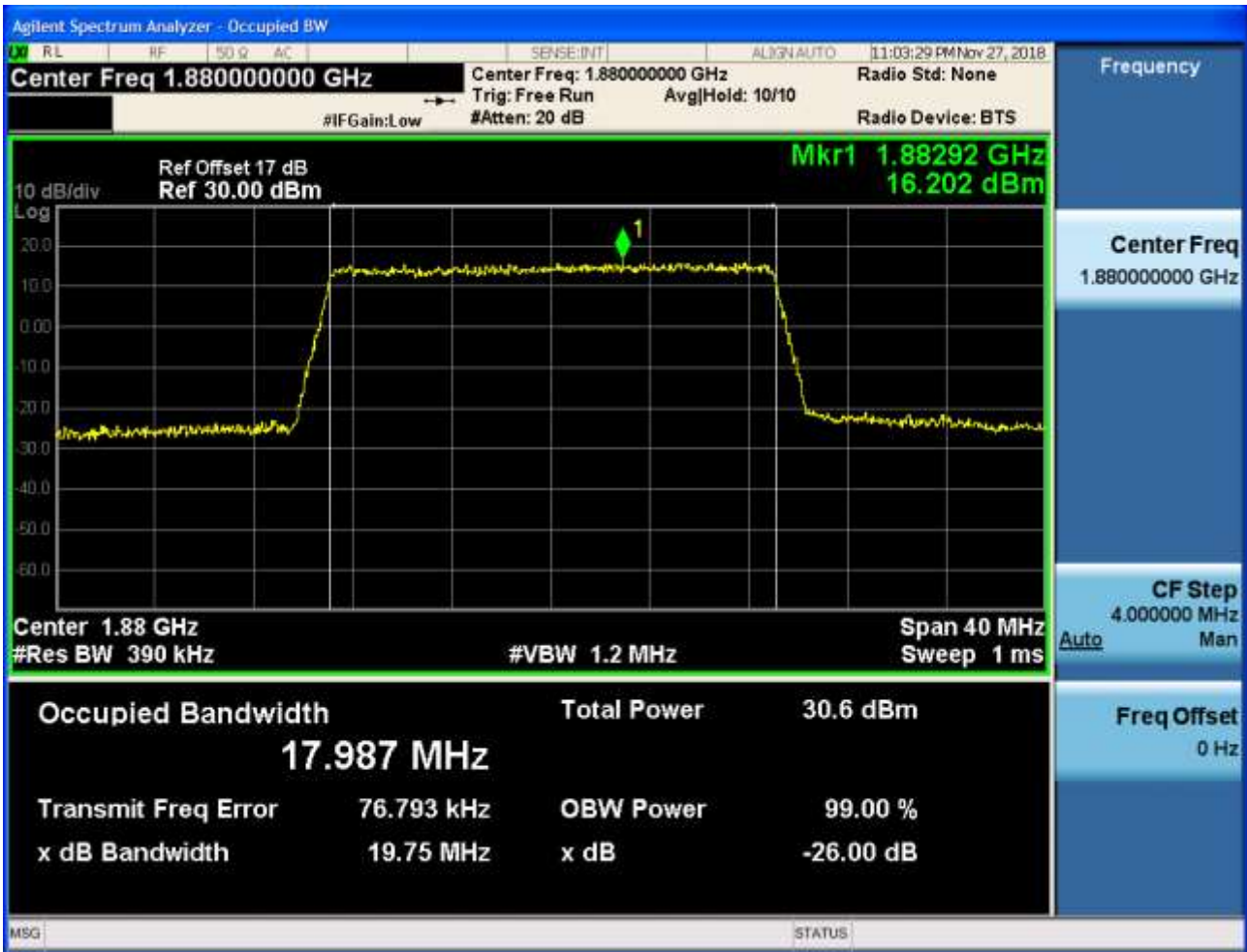
4.1.1.1.6.1 Test Channel = LCH

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

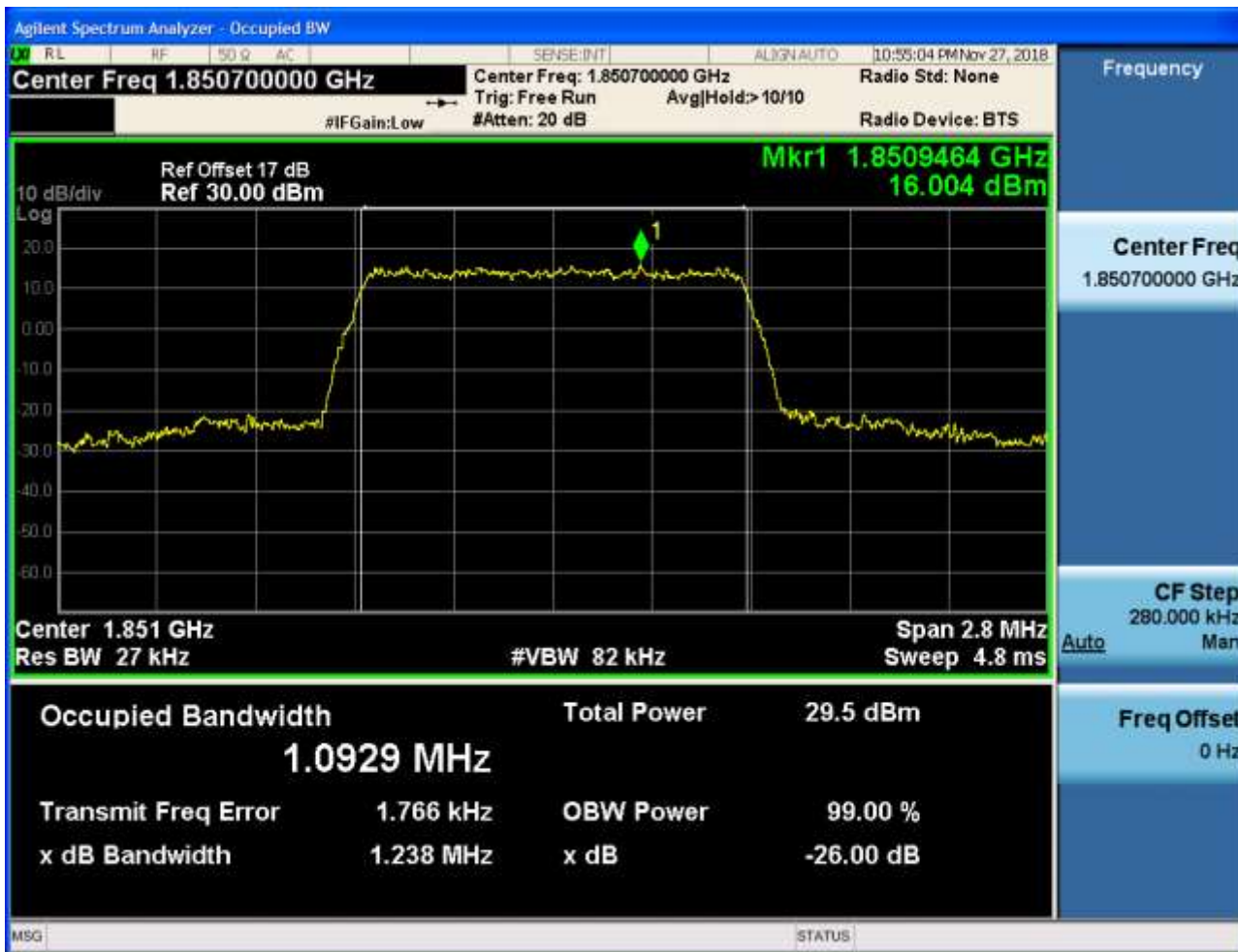


4.1.1.2 Test Mode = LTE/TM2

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

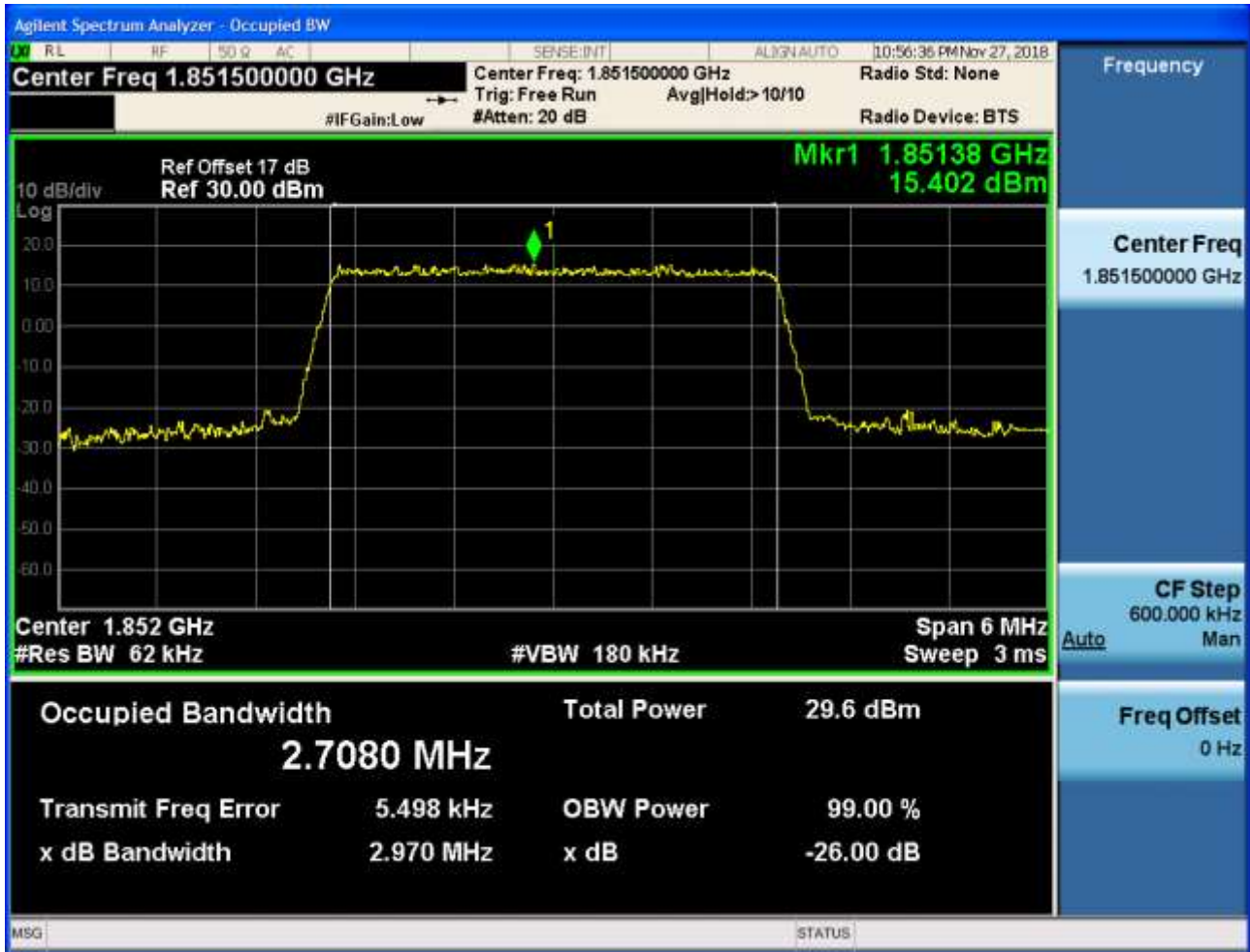
4.1.1.2.1.3.1 Test RB = RB6#0



4.1.1.2.2 Test Bandwidth = 3

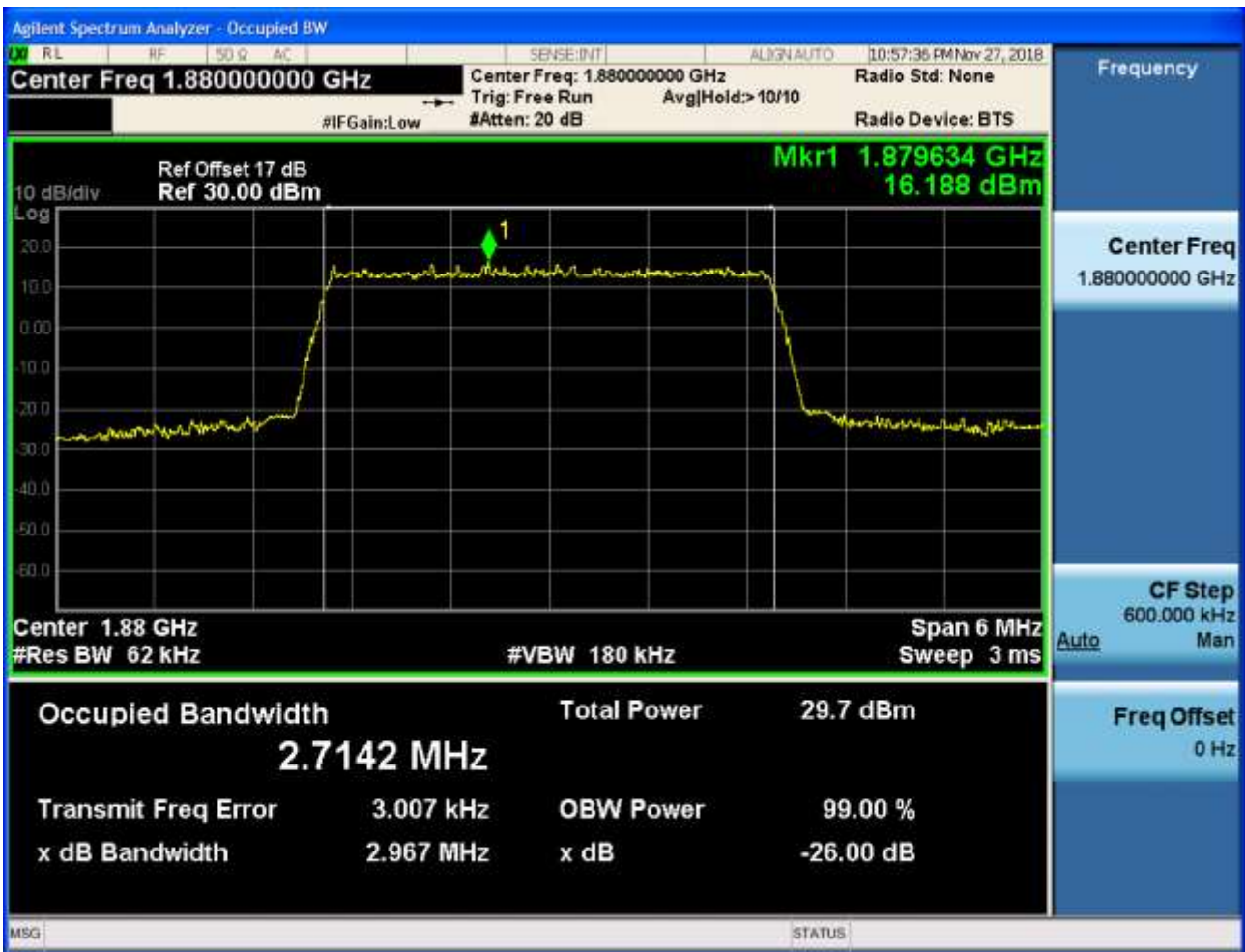
4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB15#0



4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.1 Test RB = RB15#0



4.1.1.2.2.3 Test Channel = HCH

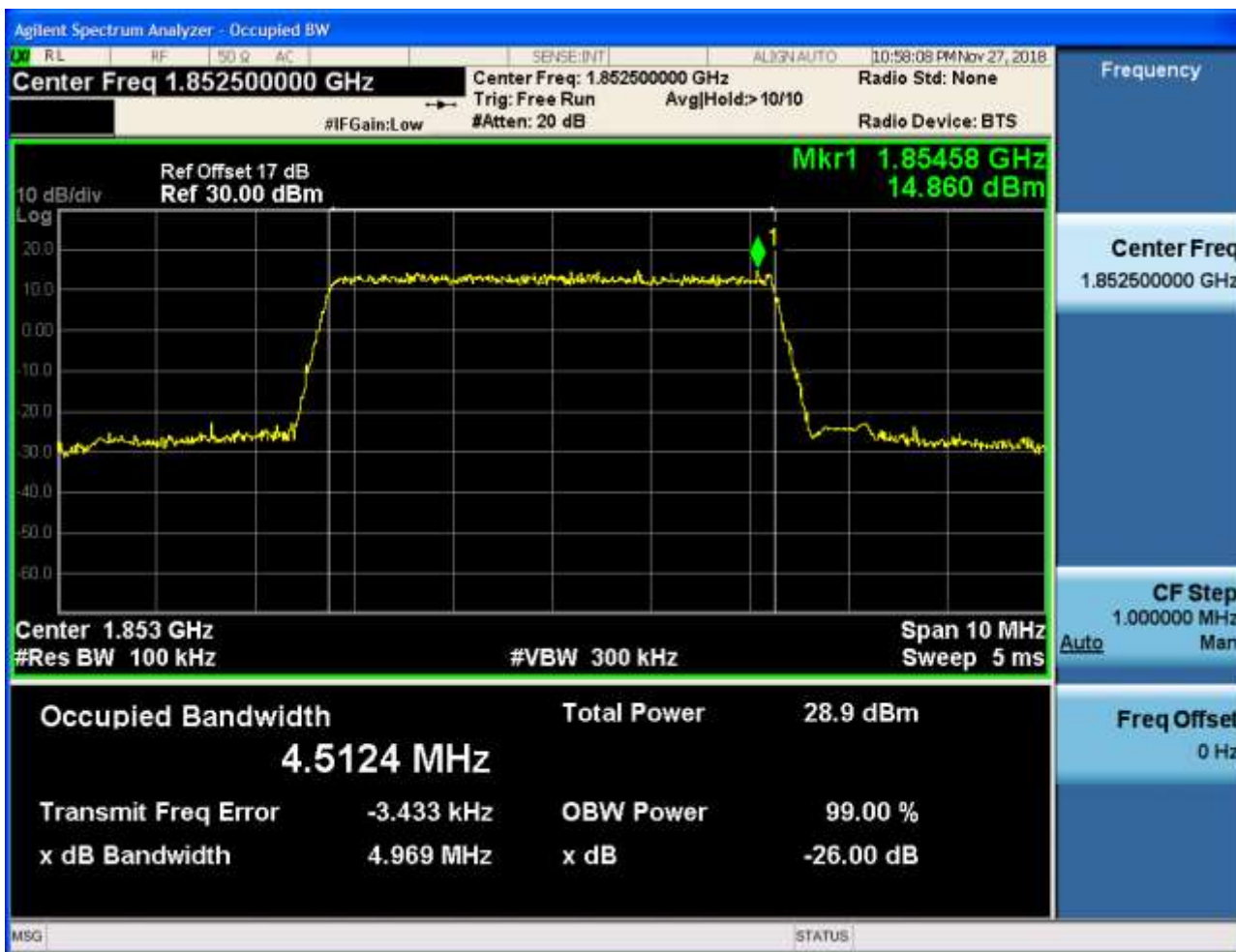
4.1.1.2.2.3.1 Test RB = RB15#0



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

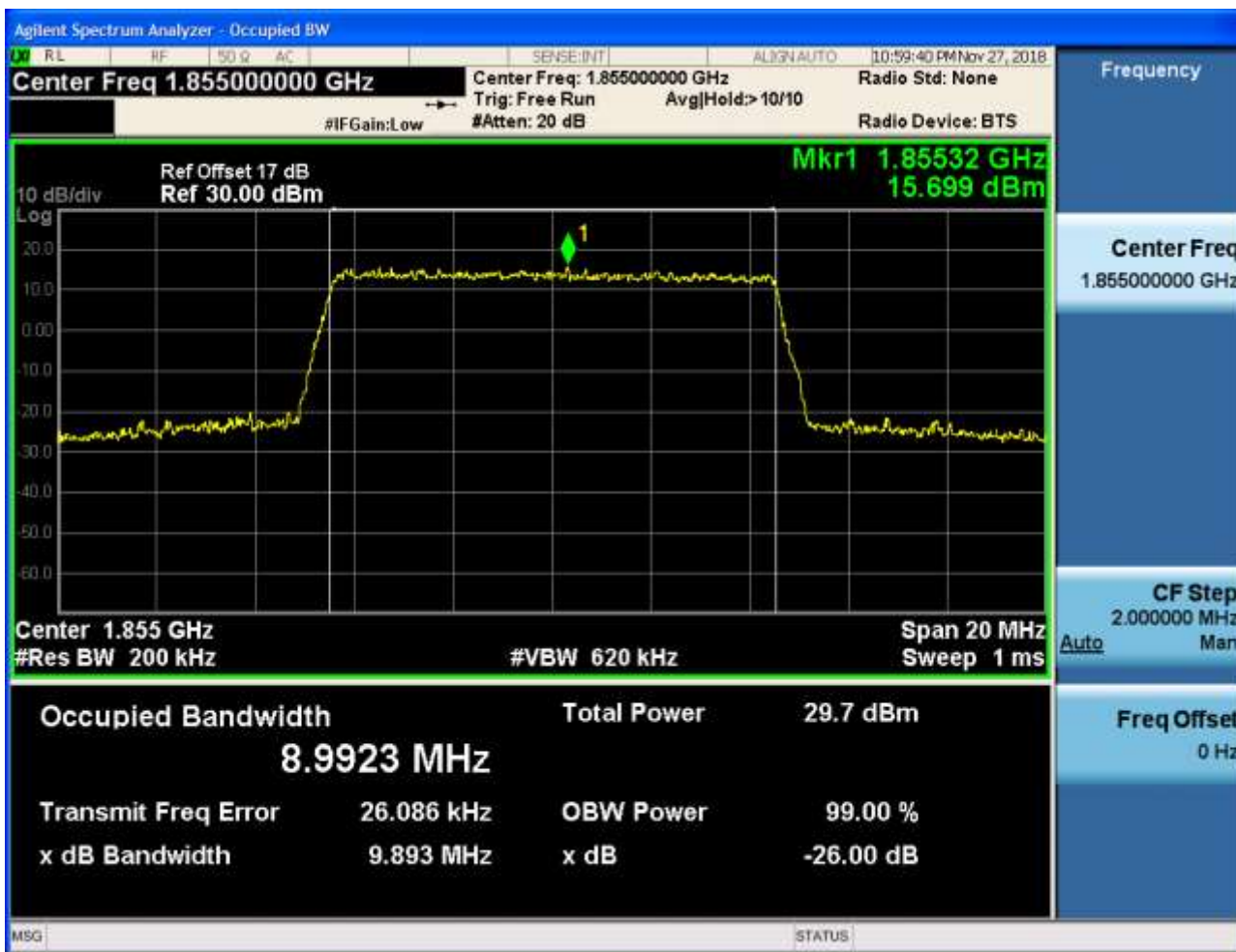
4.1.1.2.3.3.1 Test RB = RB25#0



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

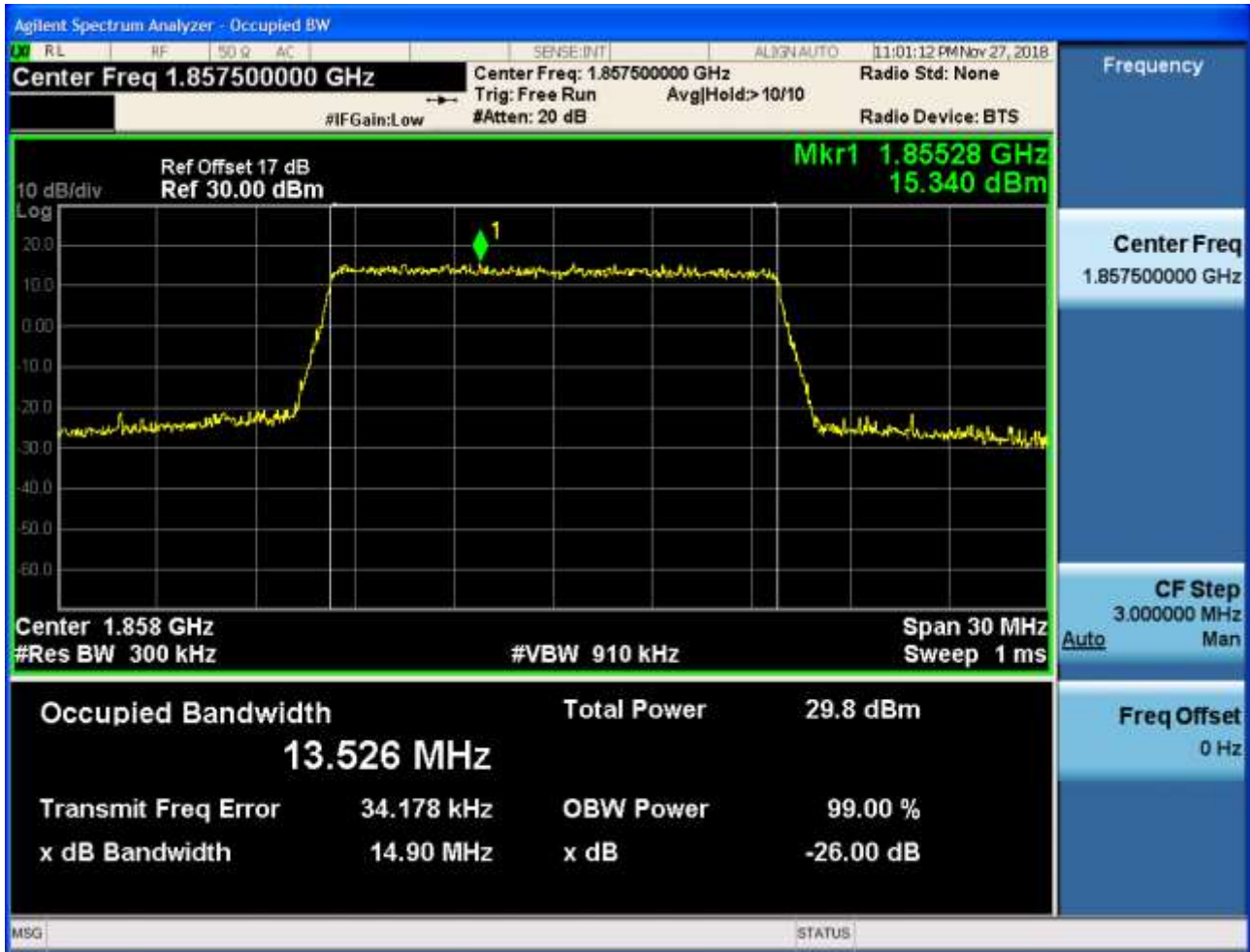
4.1.1.2.4.3.1 Test RB = RB50#0



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

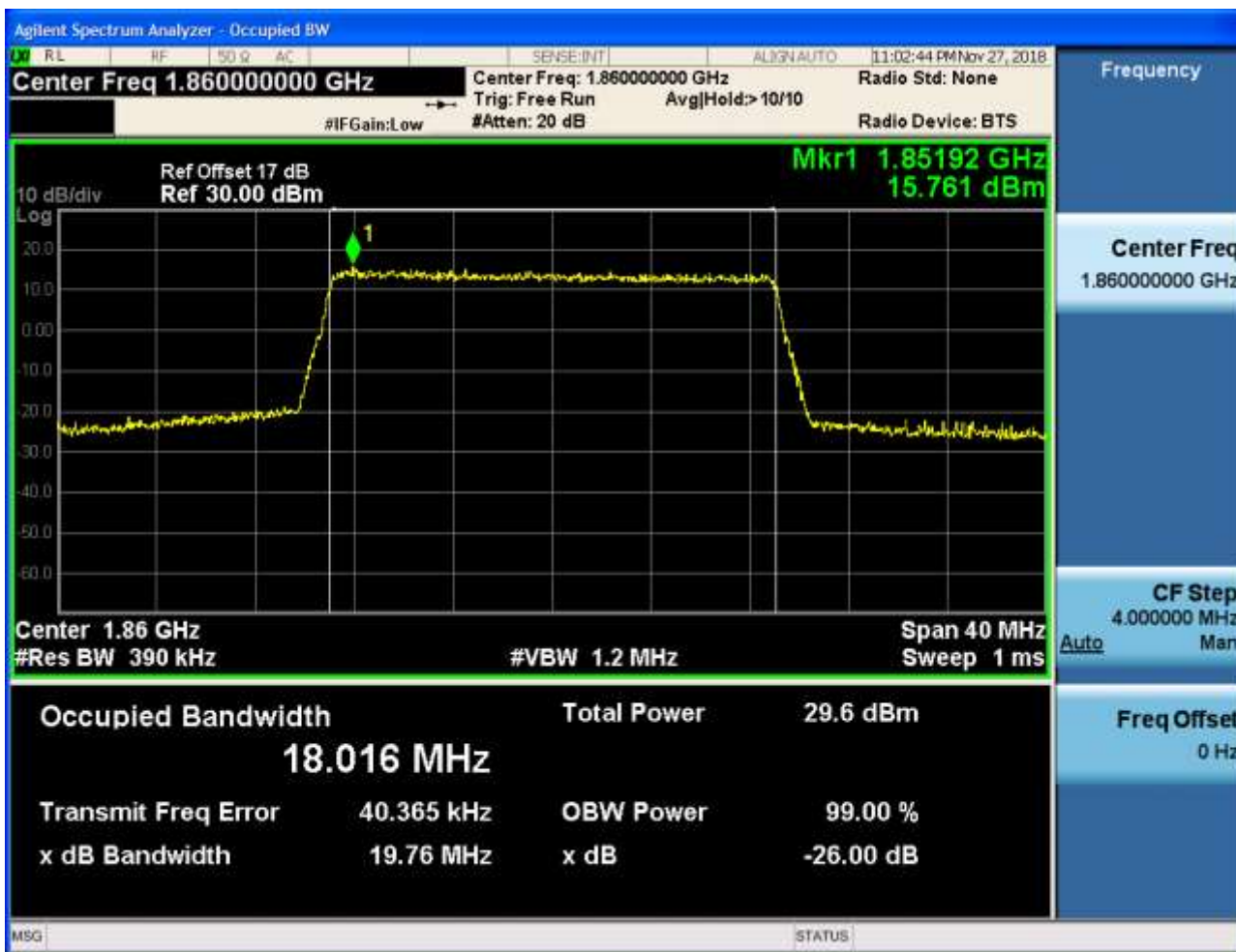
4.1.1.2.5.3.1 Test RB = RB75#0



4.1.1.2.6 Test Bandwidth = 20

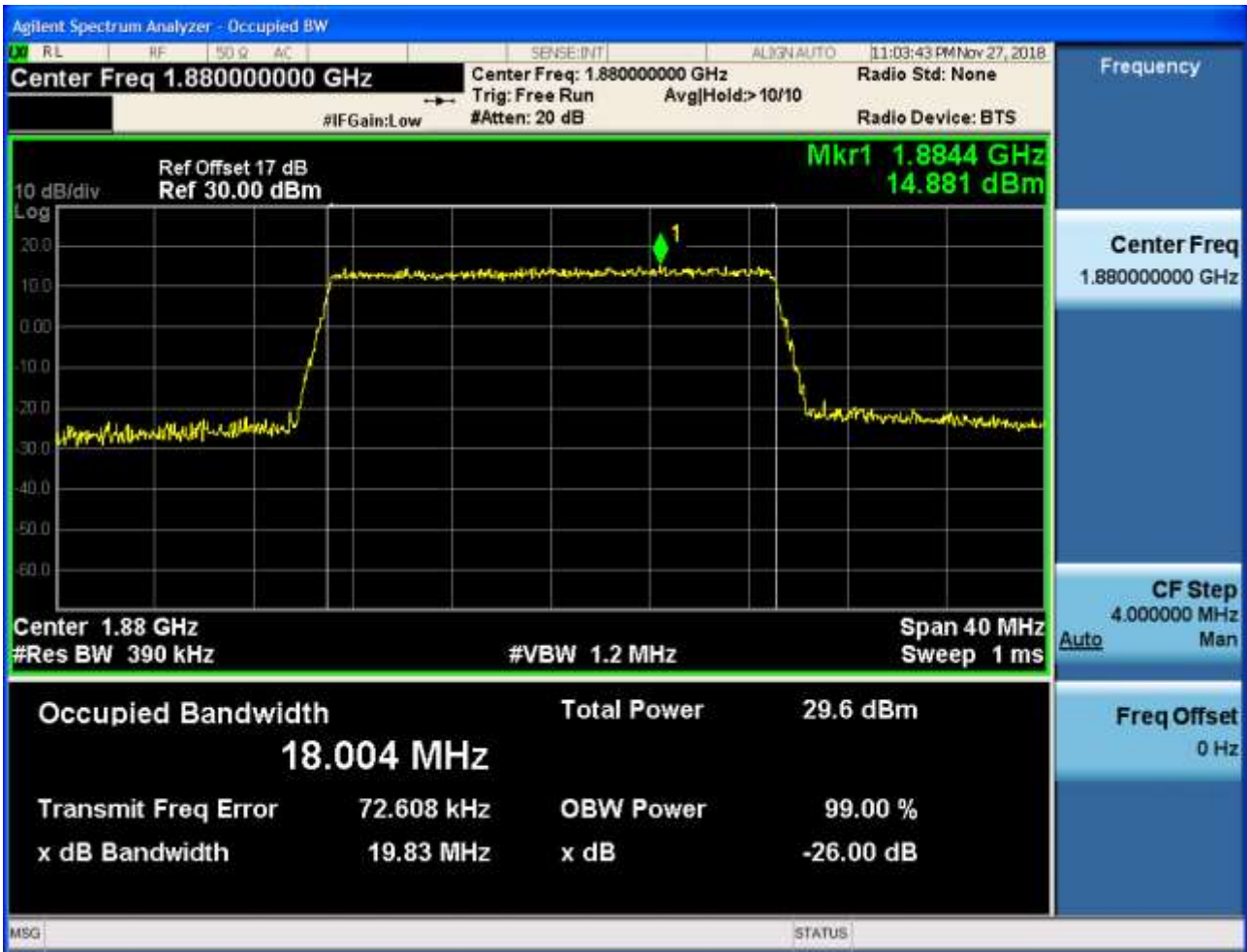
4.1.1.2.6.1 Test Channel = LCH

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

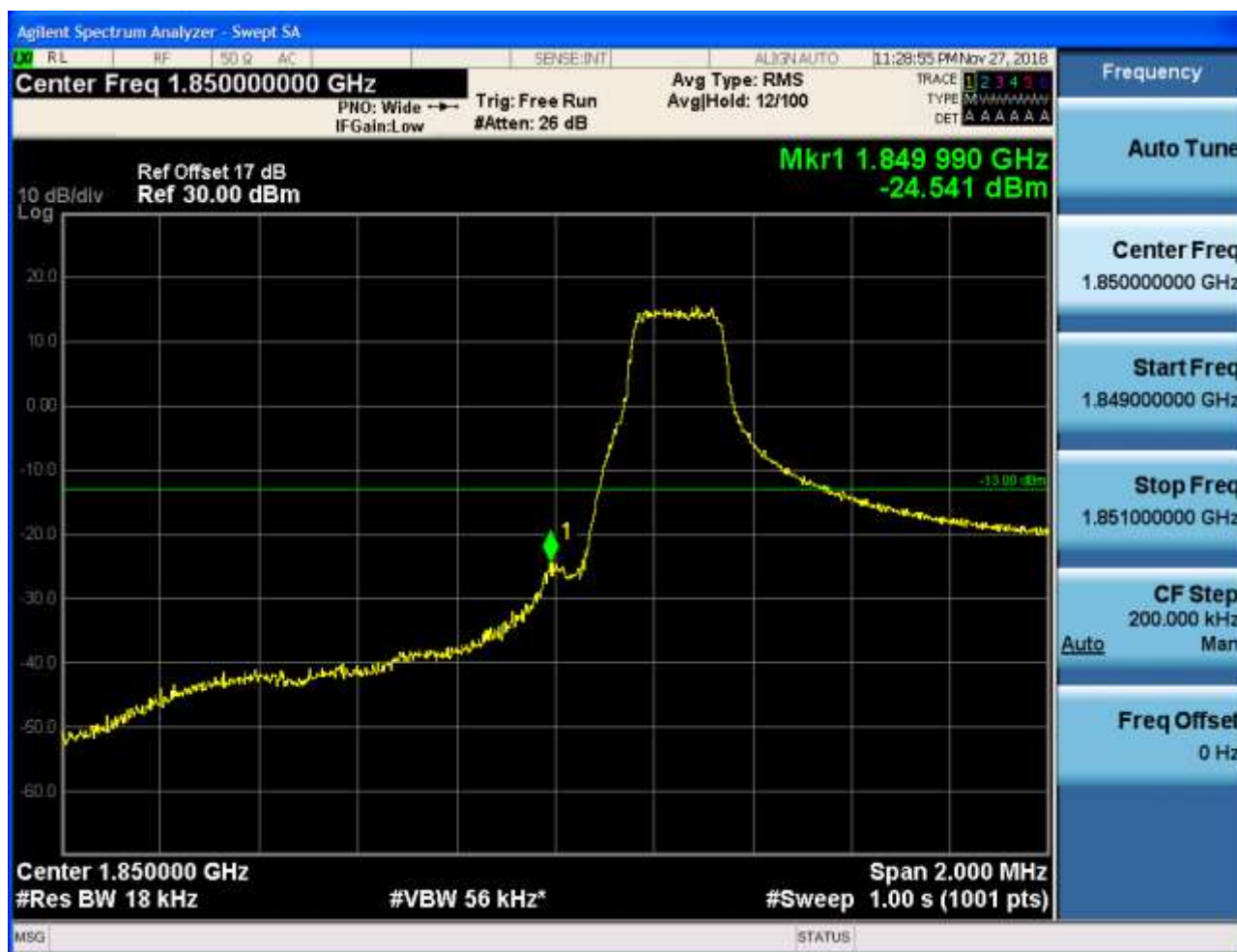
5.1.1 Test Band = Band2

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



5.1.1.1.1.4 Test RB = RB6#0



5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



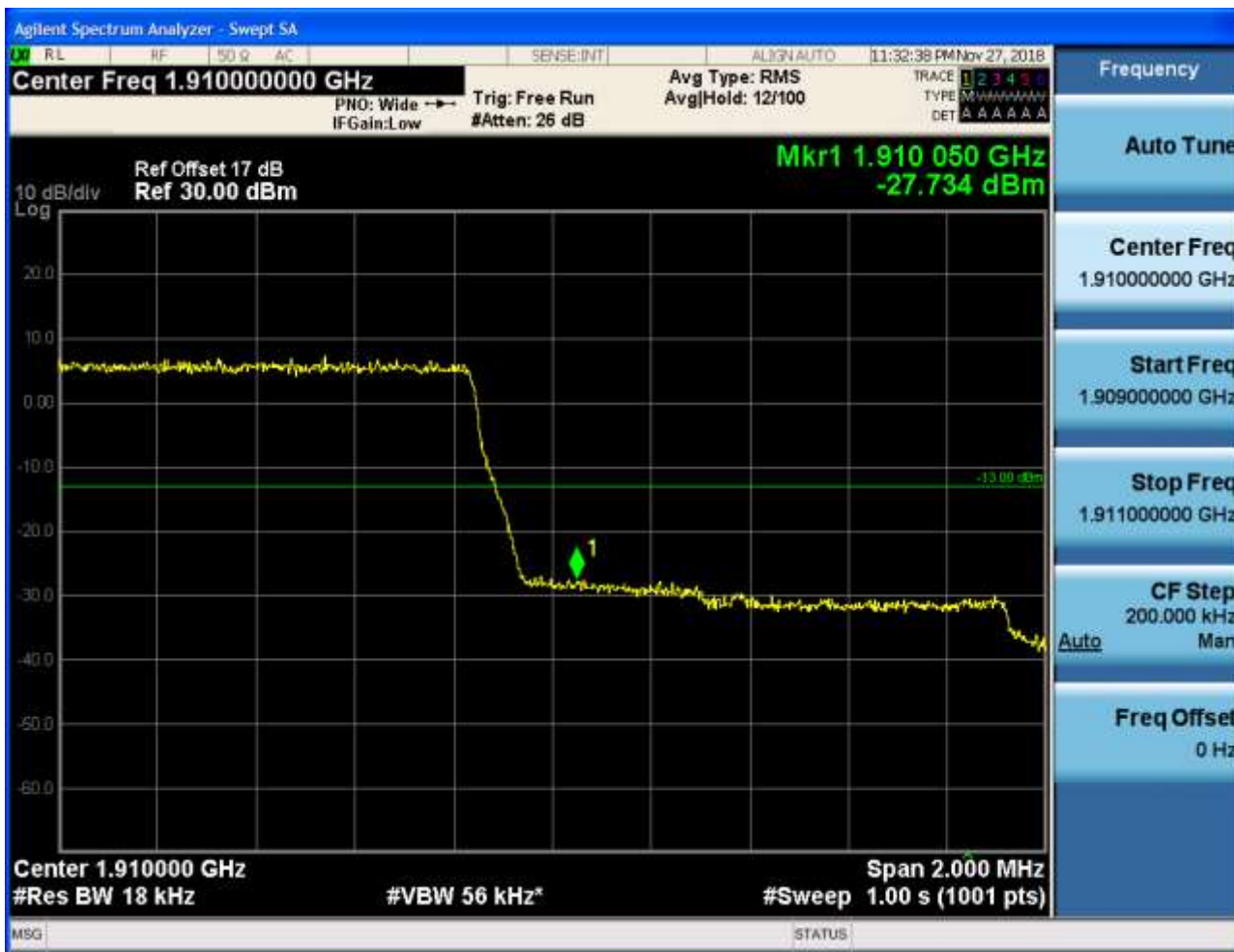
5.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.1.2.3 Test RB = RB3#2



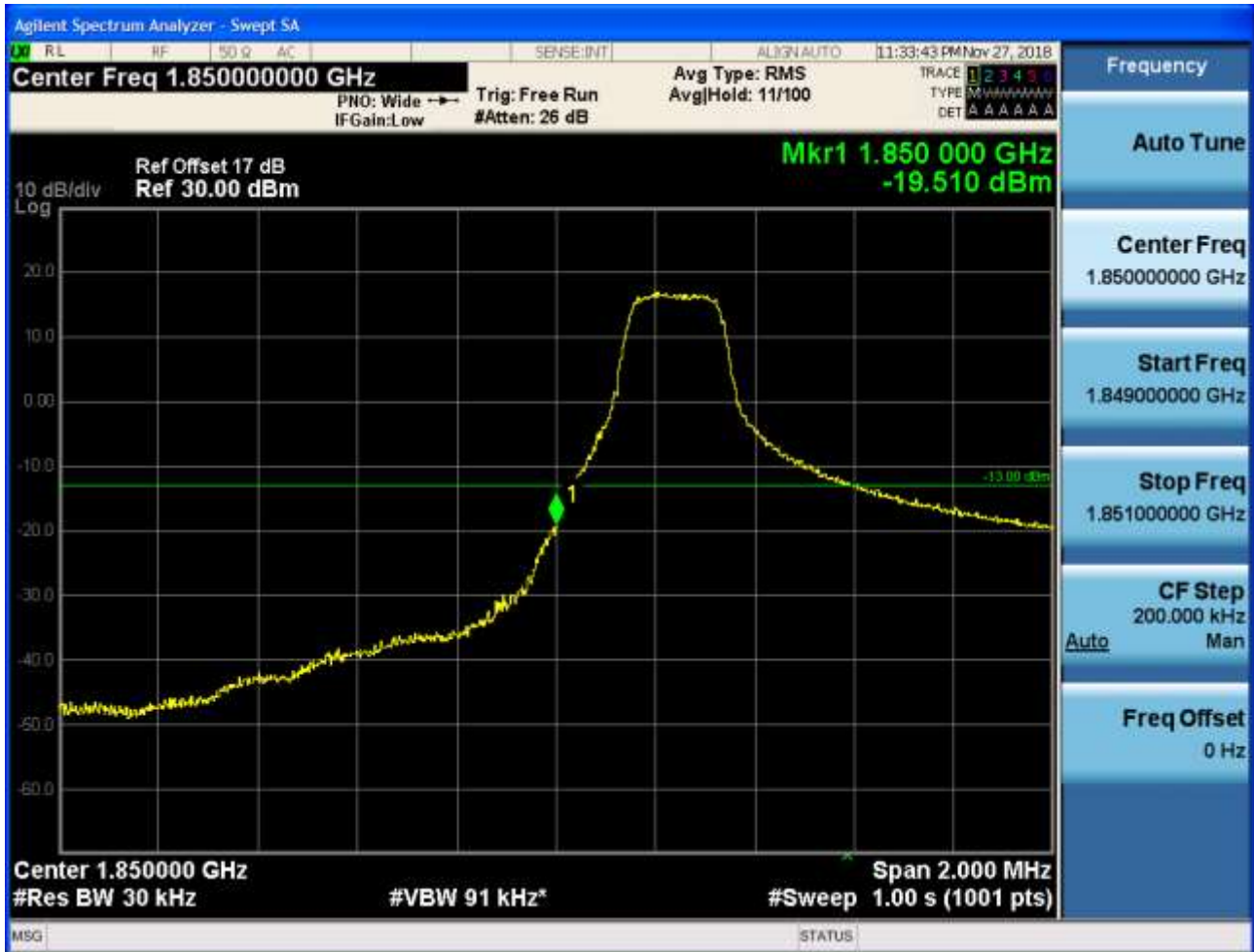
5.1.1.1.2.4 Test RB = RB6#0



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



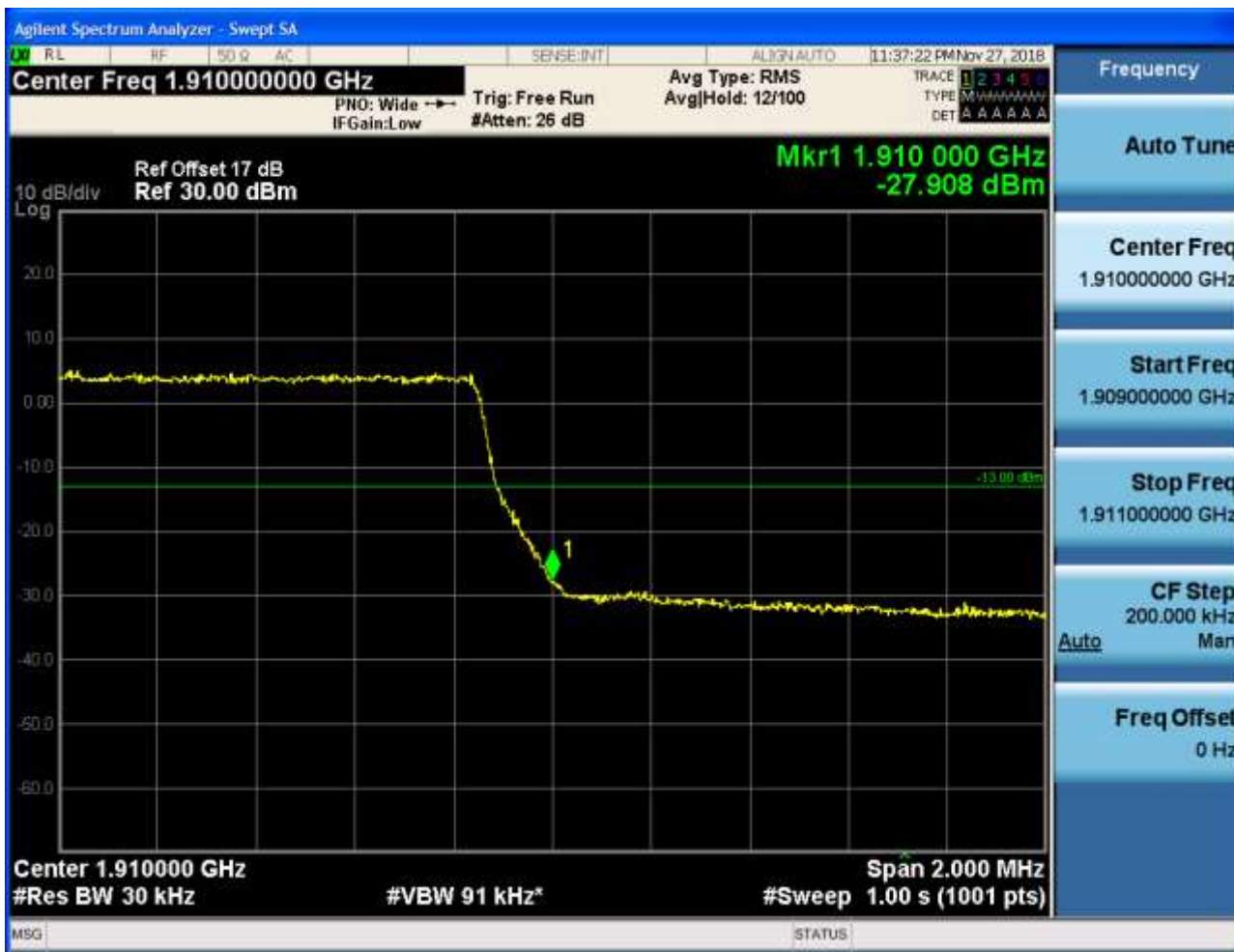
5.1.1.1.2.2.2 Test RB = RB1#14



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



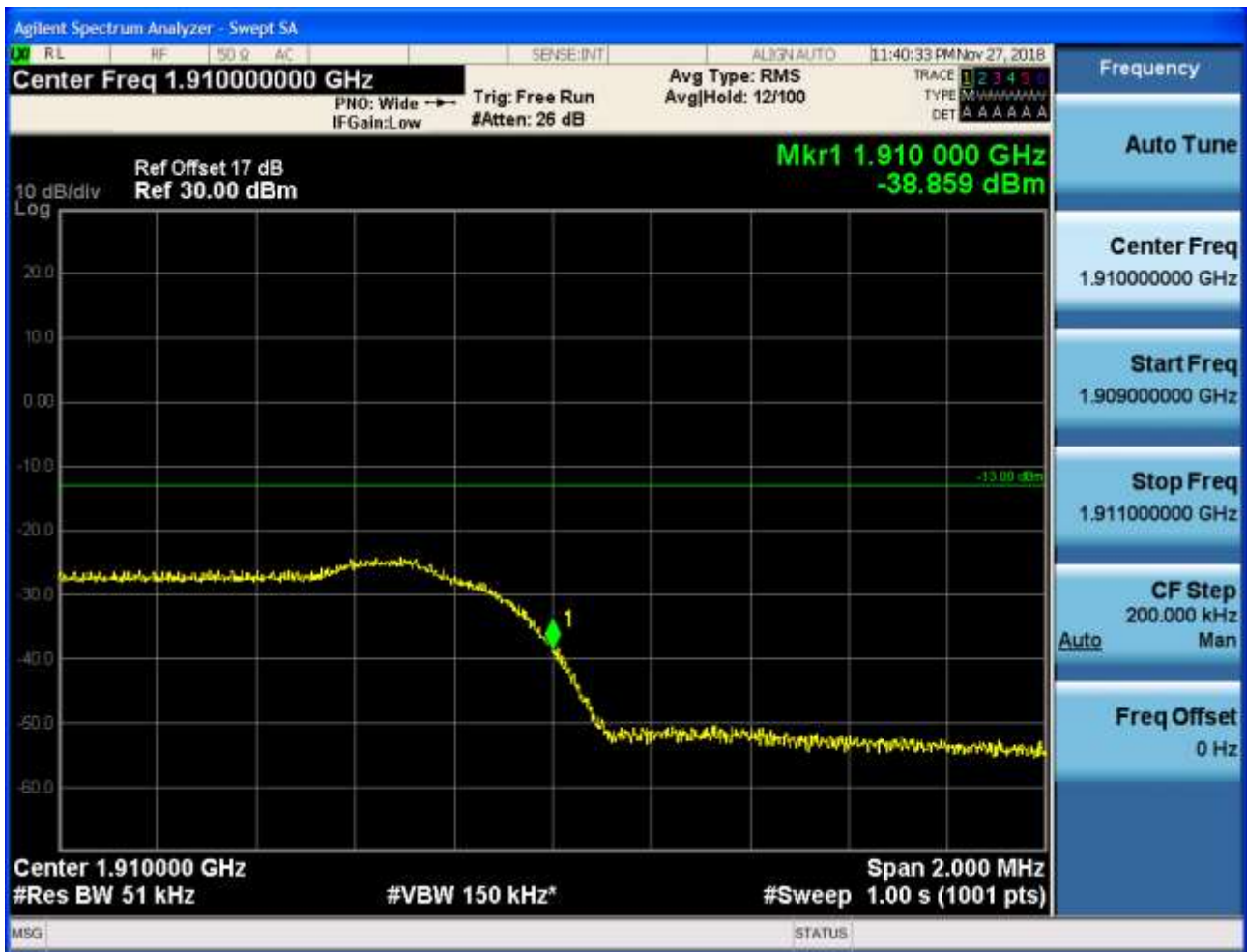


5.1.1.1.3.1.4 Test RB = RB25#0



5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



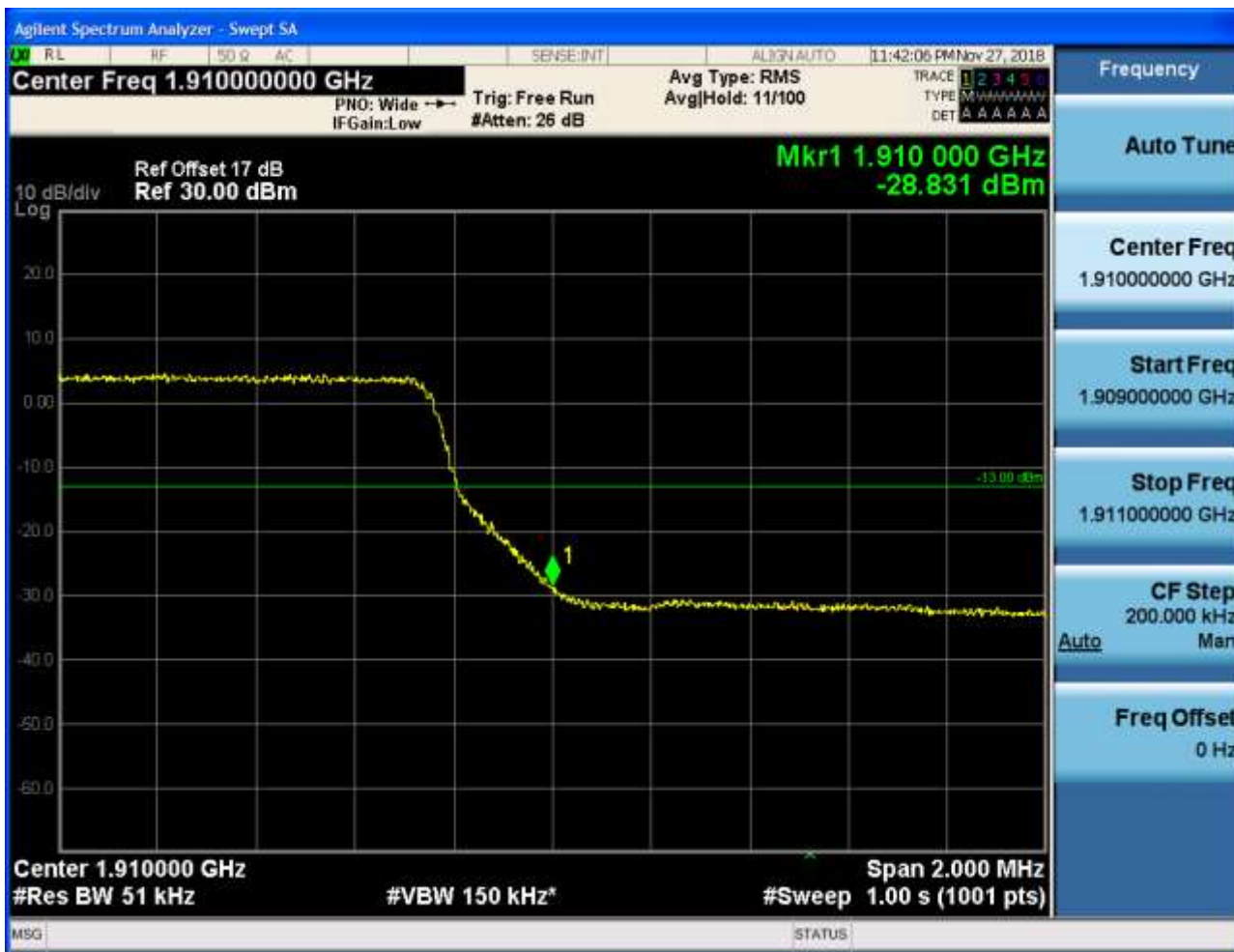
5.1.1.1.3.2.2 Test RB = RB1#24



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



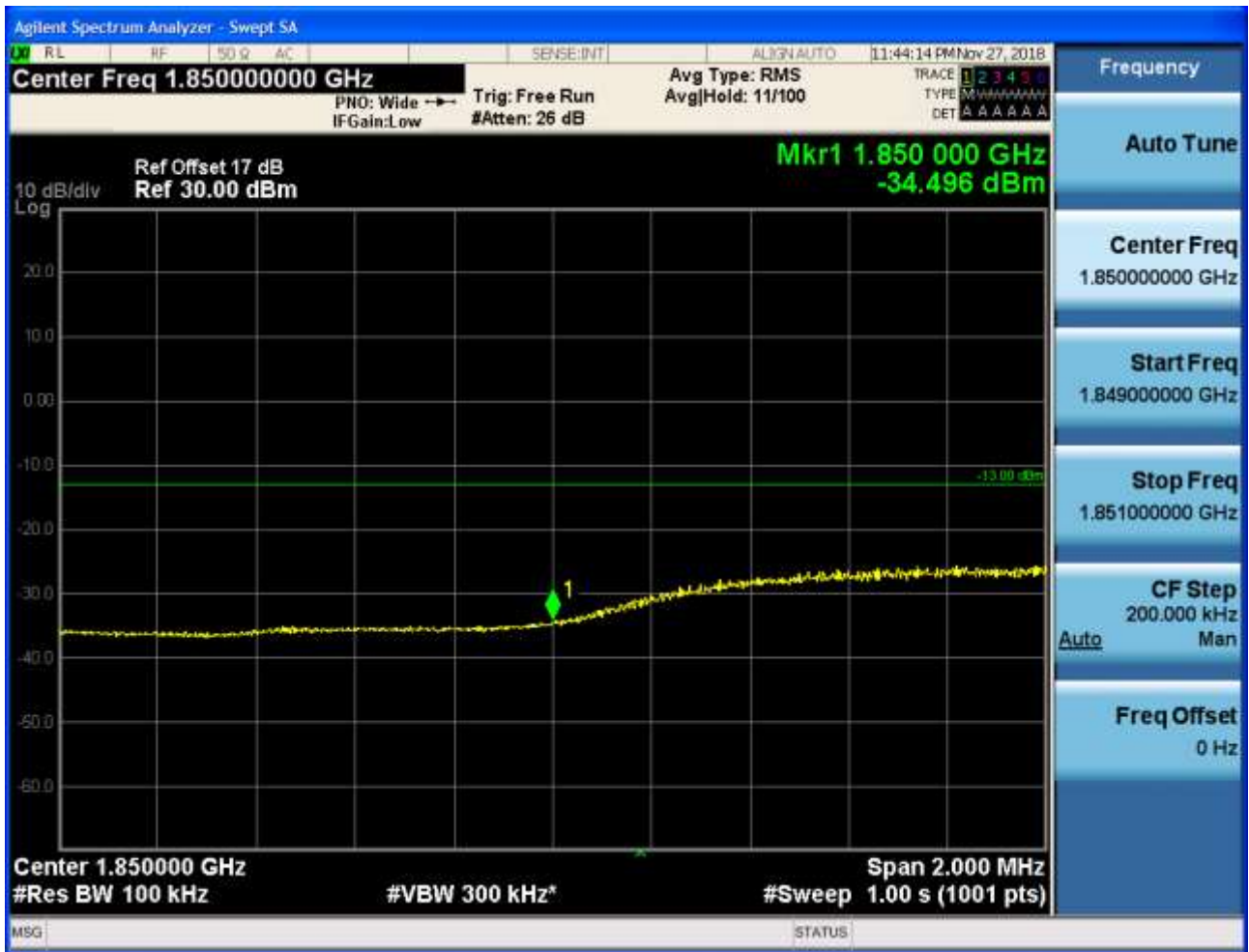


5.1.1.1.4.1.2 Test RB = RB1#49





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

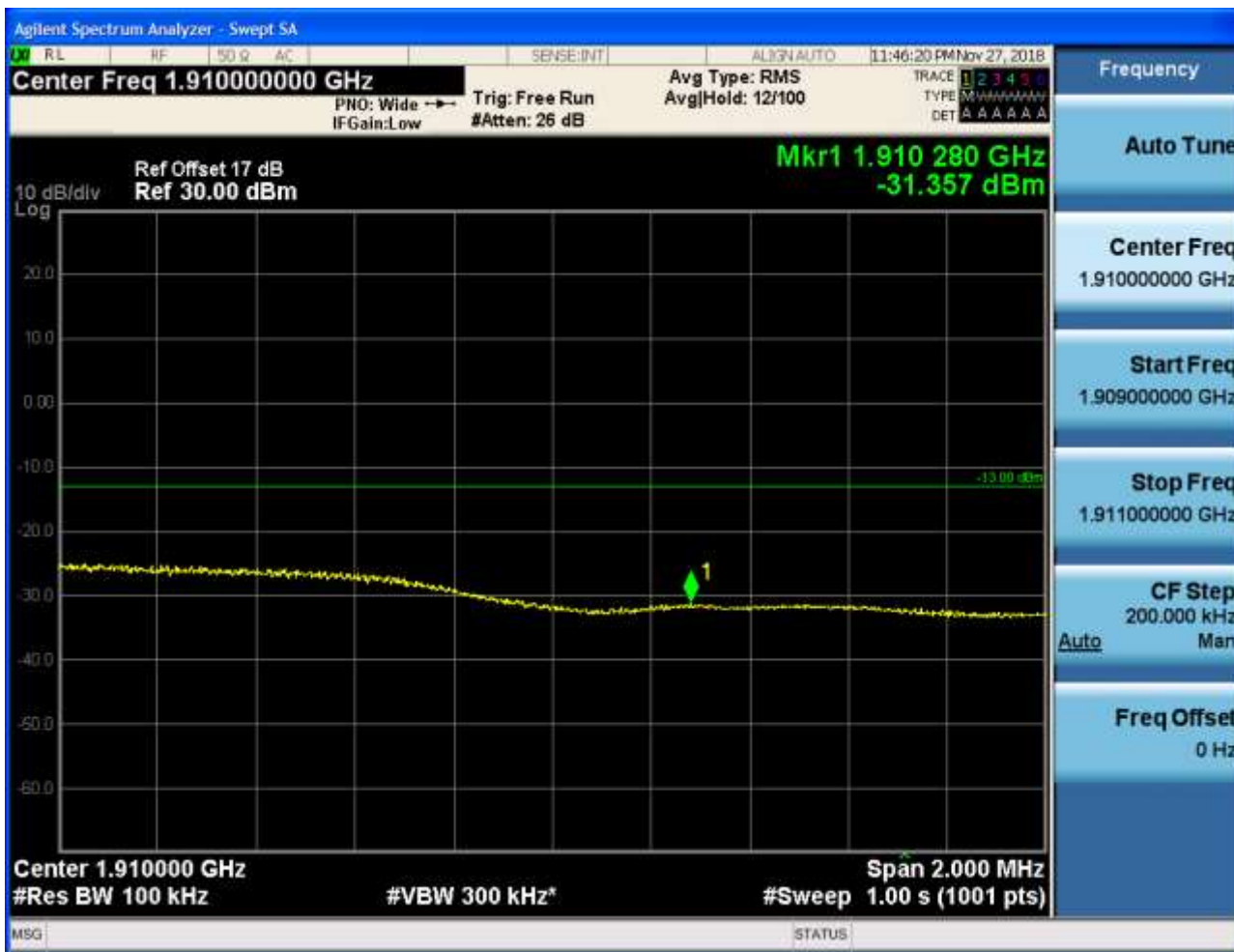
5.1.1.1.4.2.1 Test RB = RB1#0



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

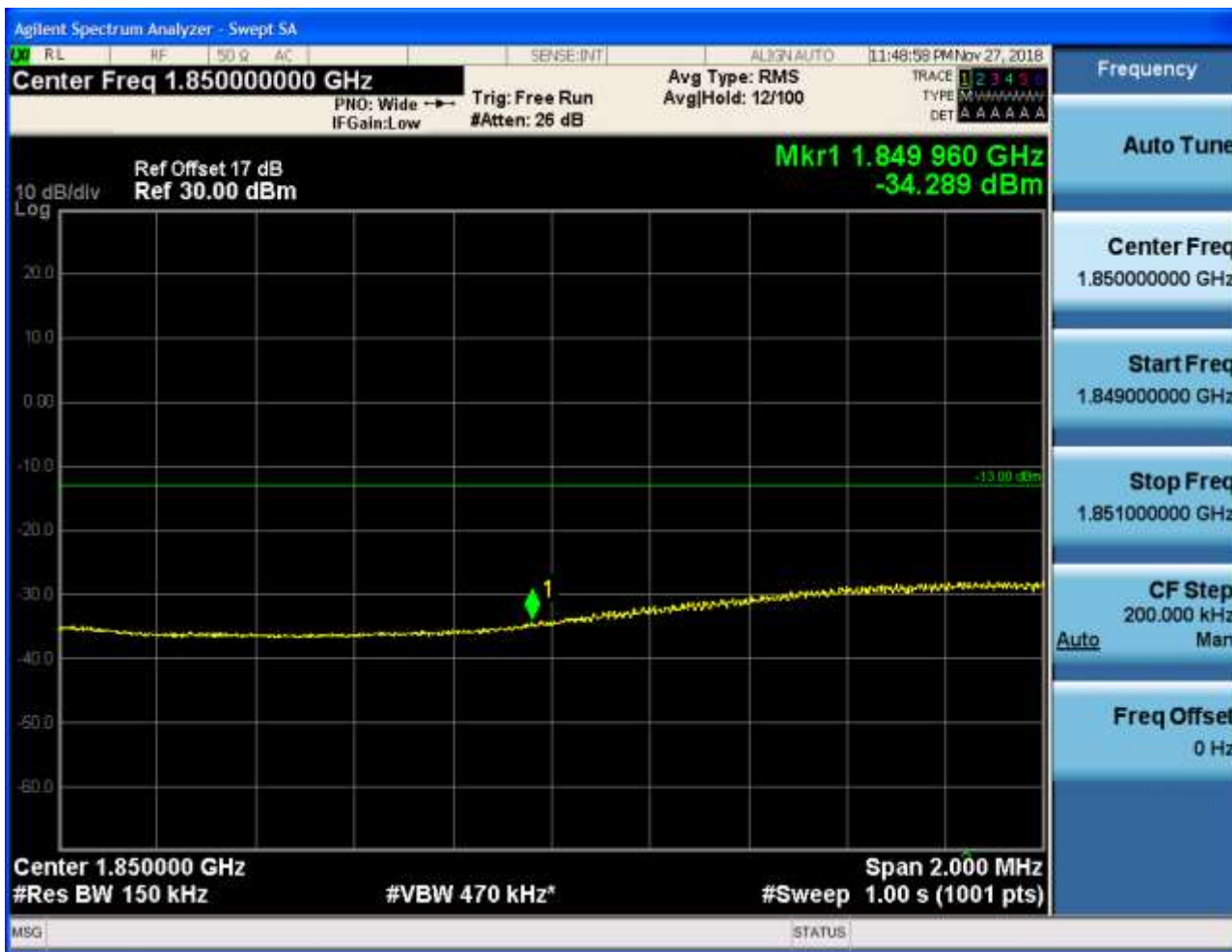


5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19



5.1.1.1.5.2 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

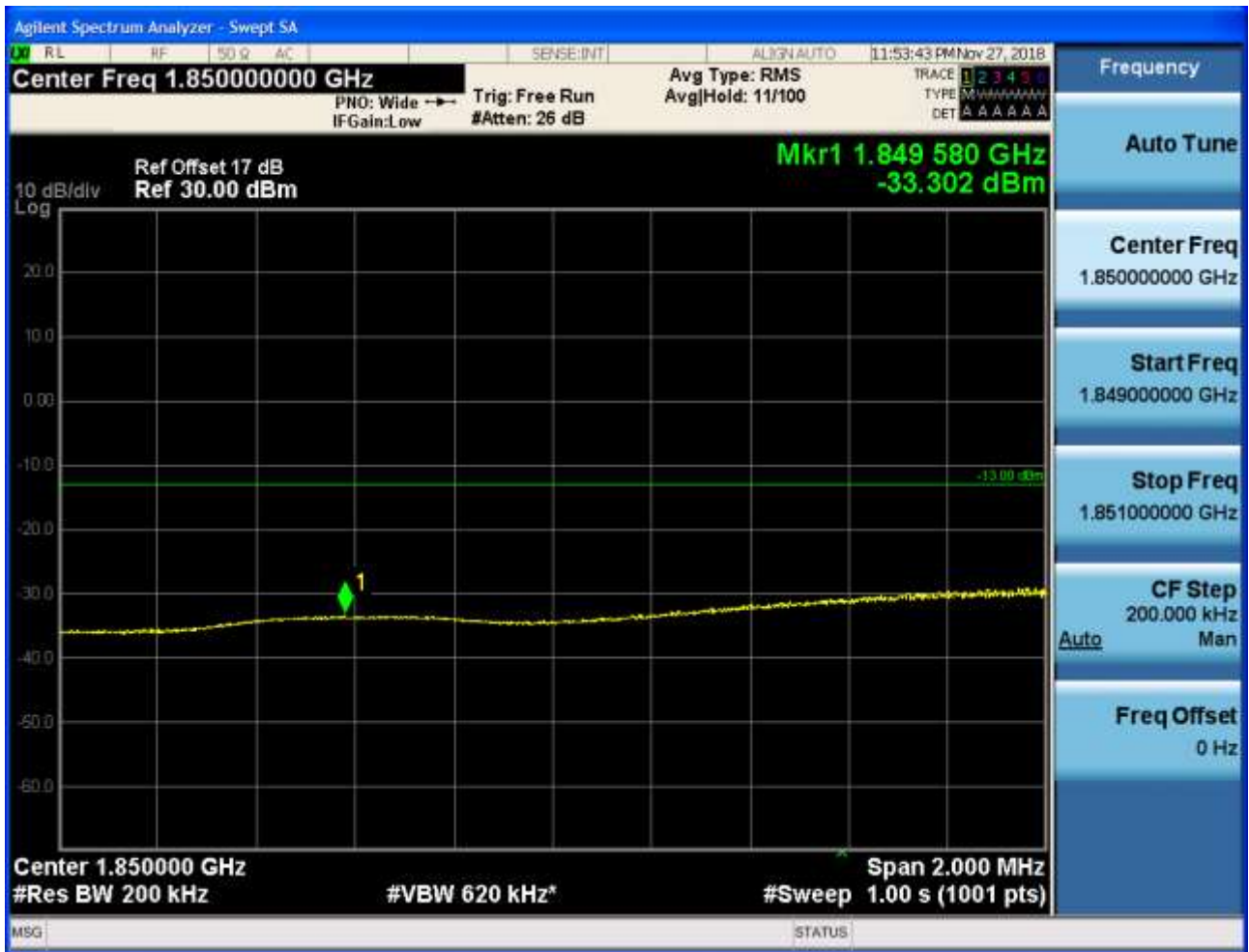


5.1.1.1.6.1.2 Test RB = RB1#99



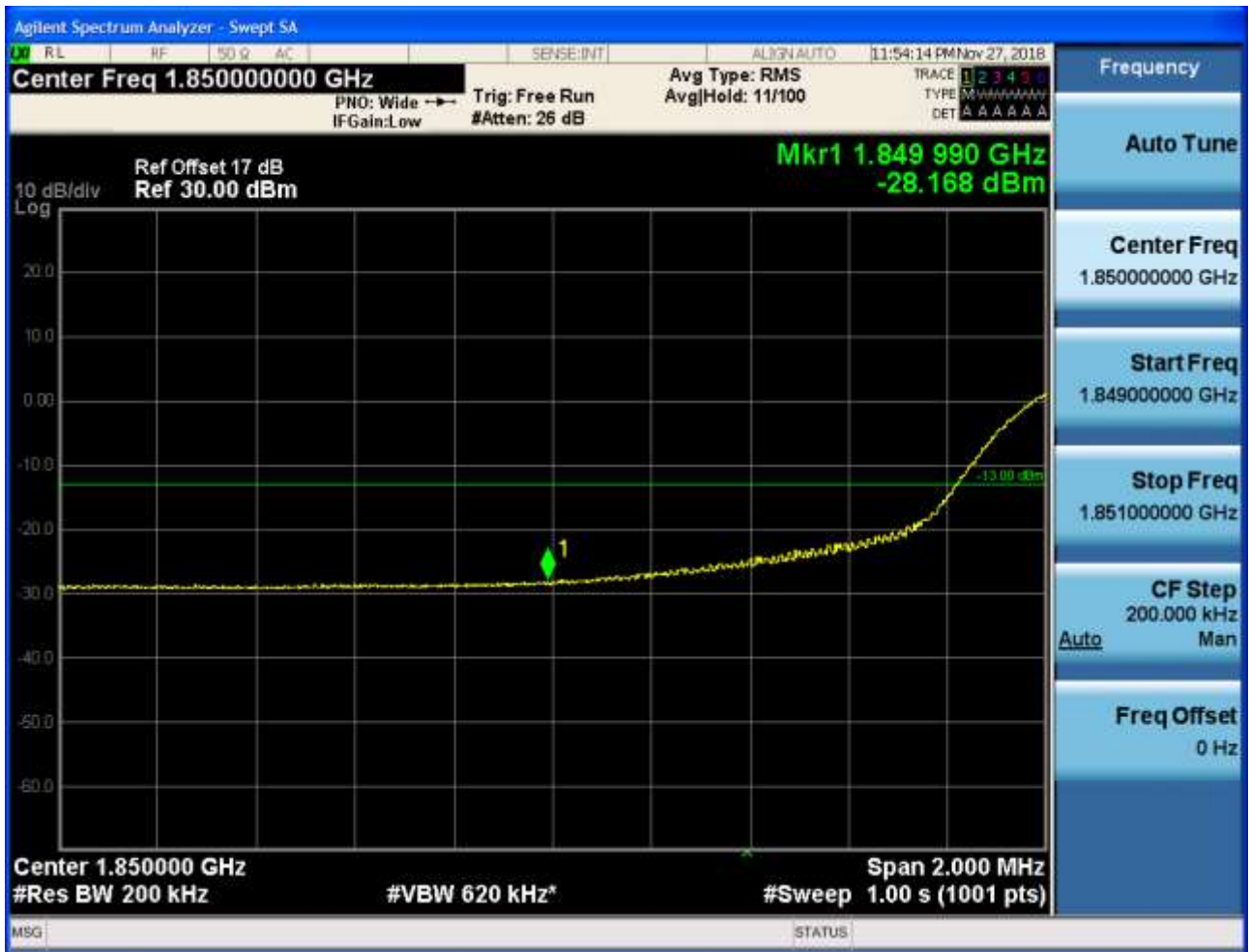


5.1.1.1.6.1.3 Test RB = RB50#25



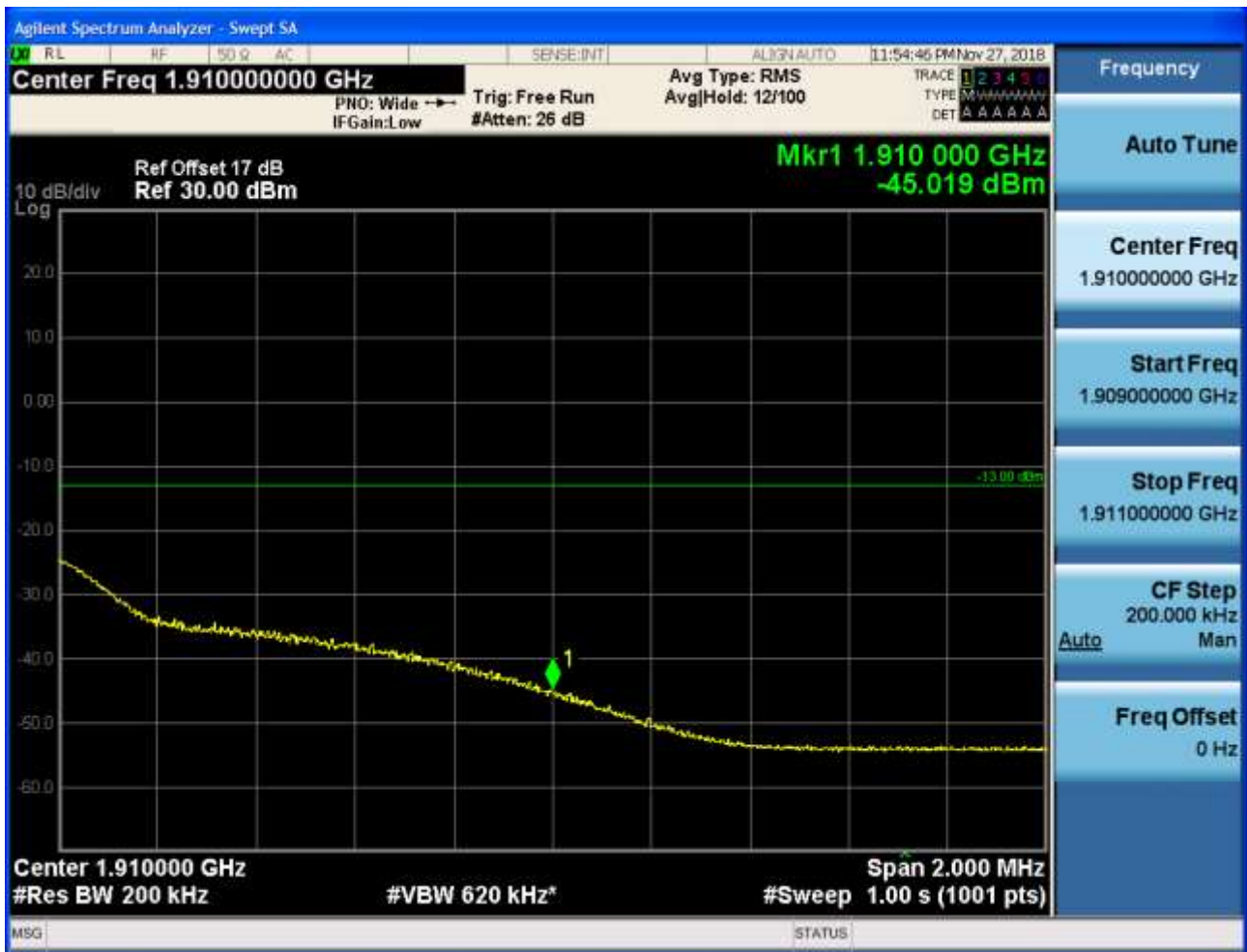


5.1.1.1.6.1.4 Test RB = RB100#0

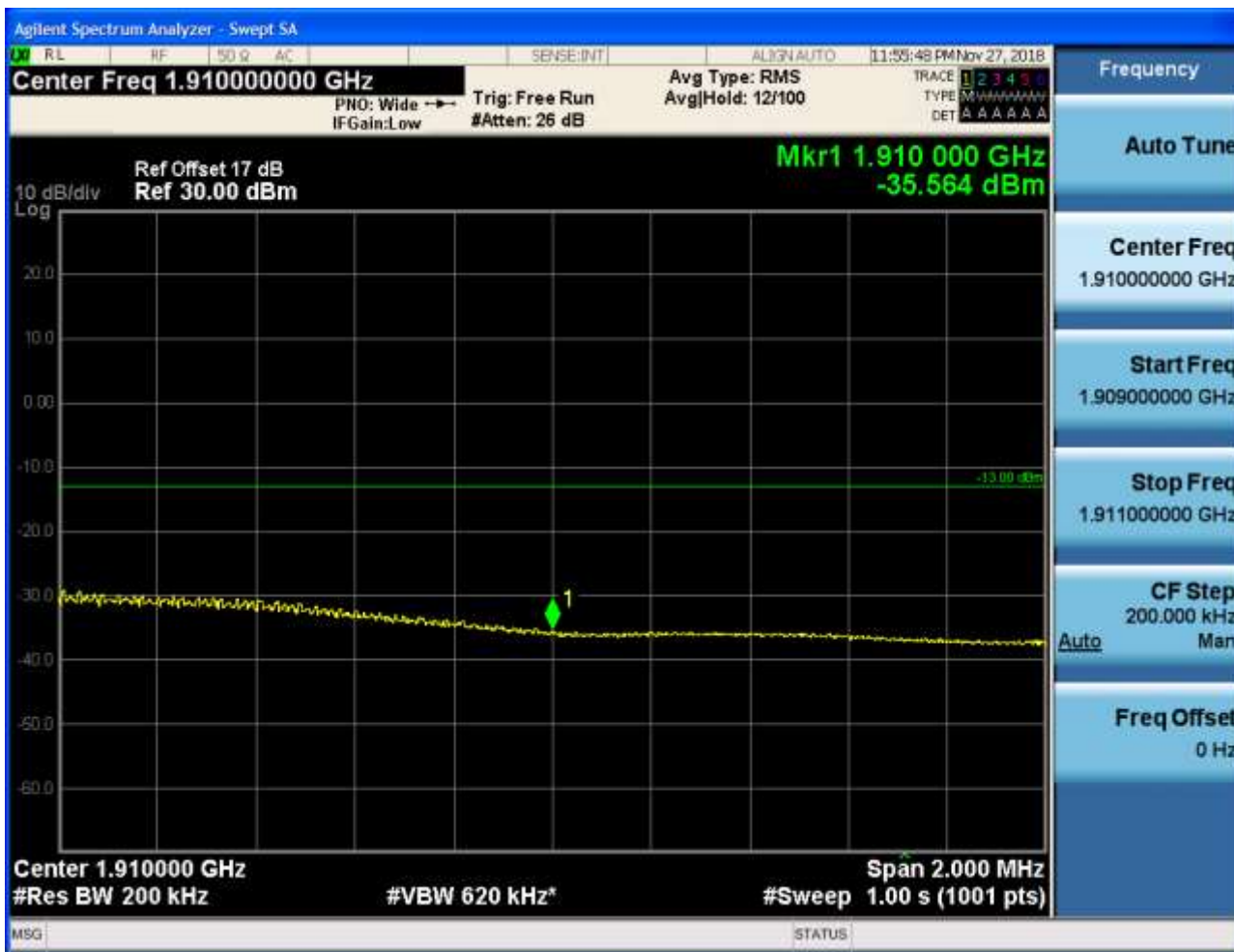


5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0



5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



5.1.1.2 Test Mode = LTE/TM2

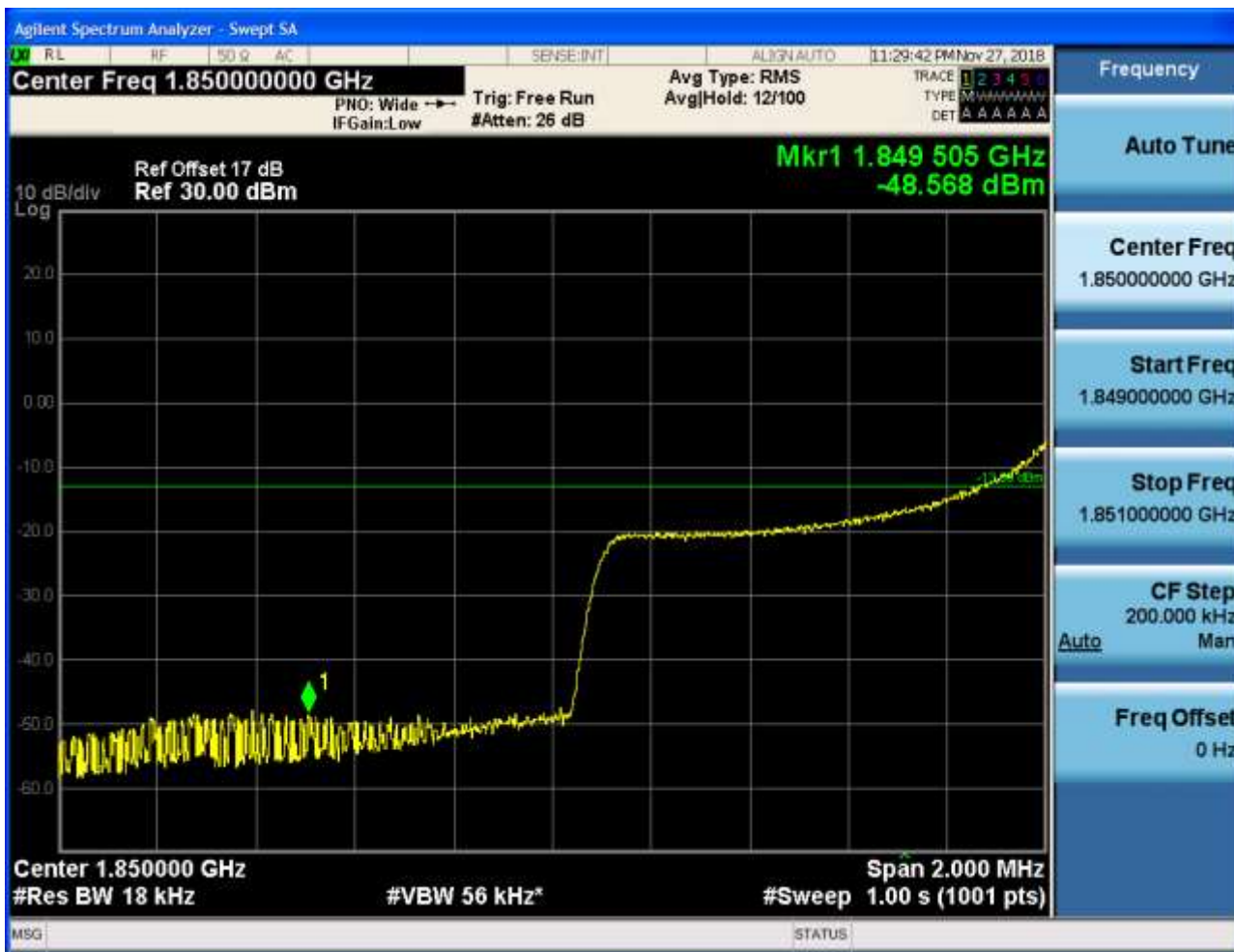
5.1.1.2.1 Test Bandwidth = 1.4

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



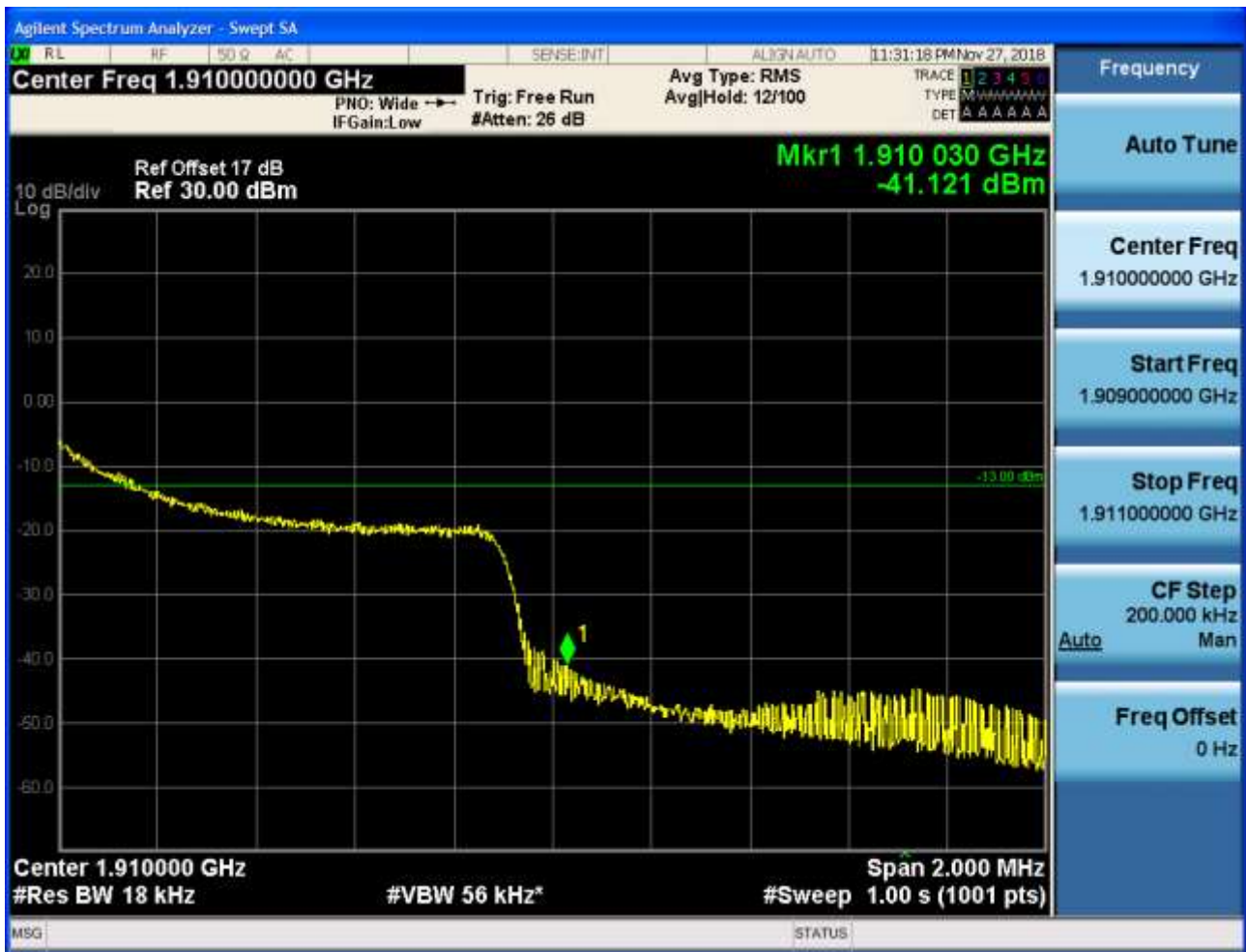


5.1.1.2.1.1.4 Test RB = RB6#0

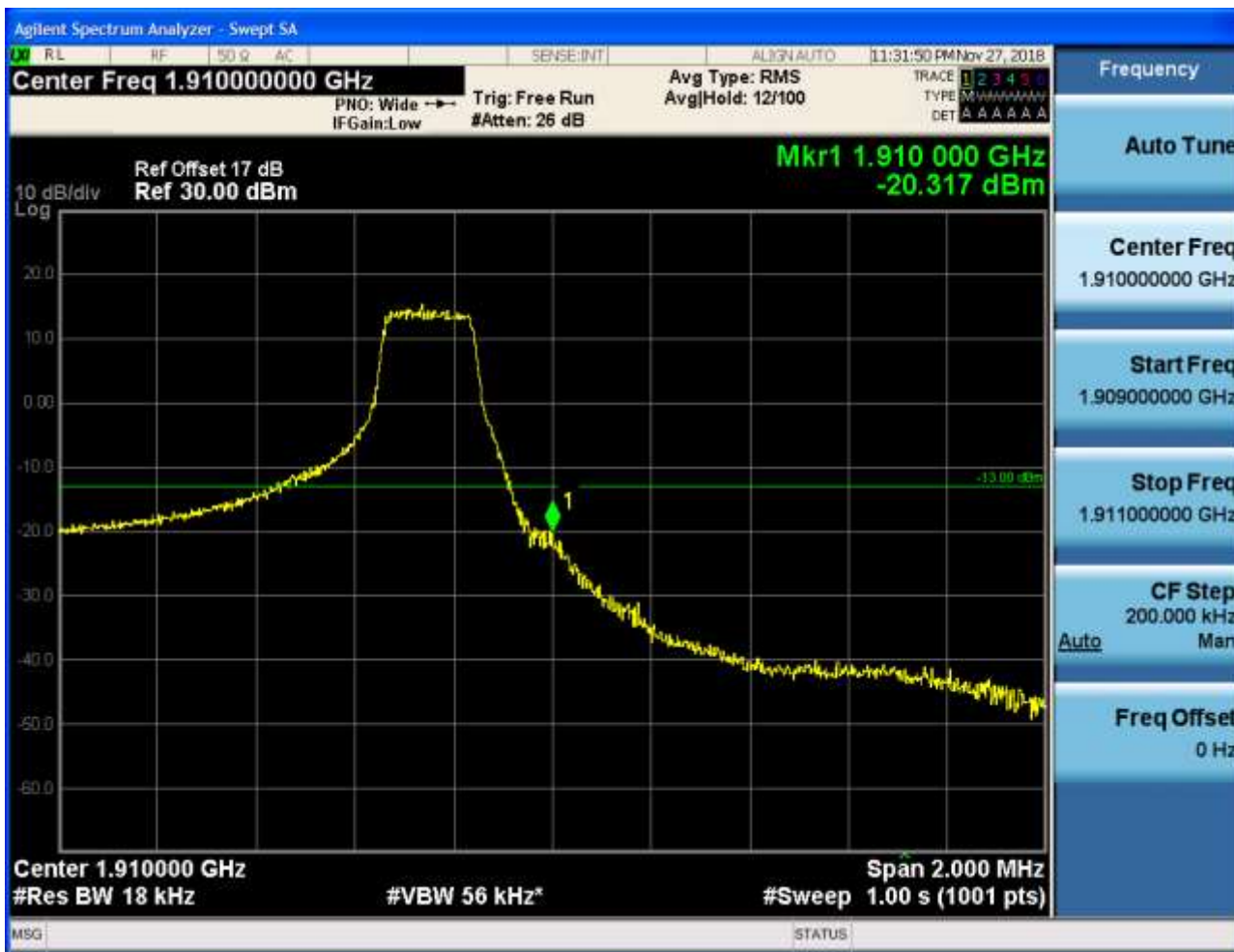


5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



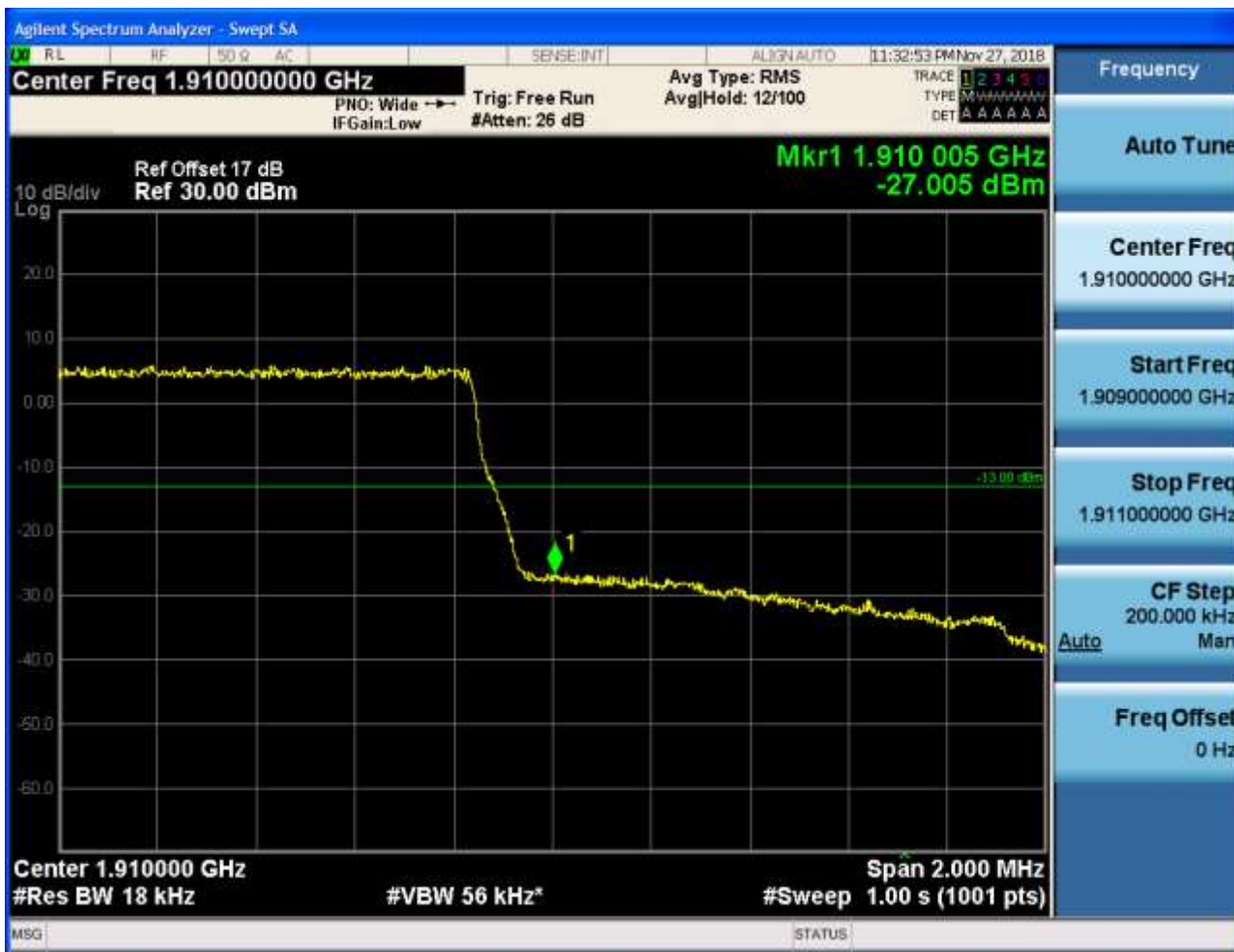
5.1.1.2.1.2.2 Test RB = RB1#5



5.1.1.2.1.2.3 Test RB = RB3#2



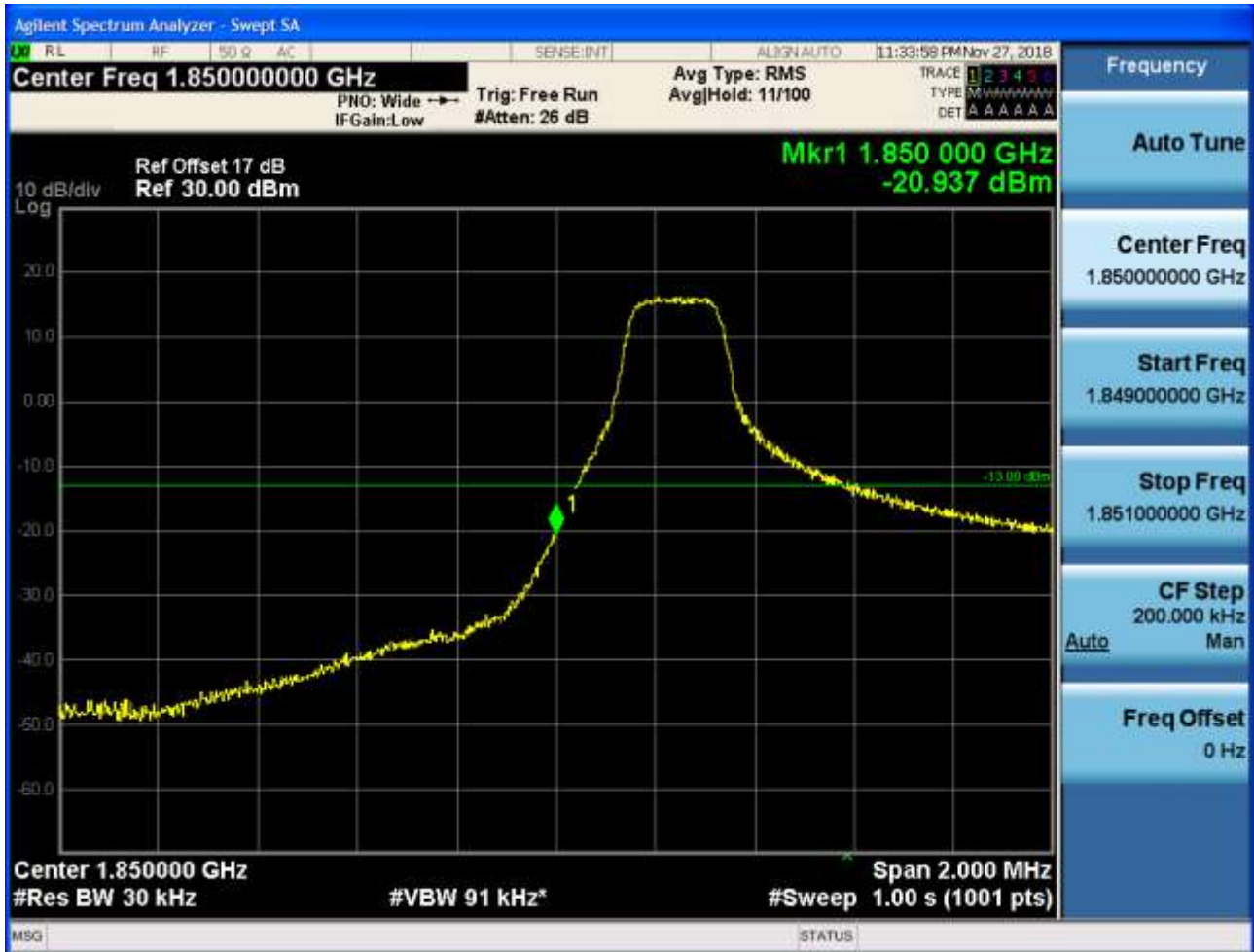
5.1.1.2.1.2.4 Test RB = RB6#0



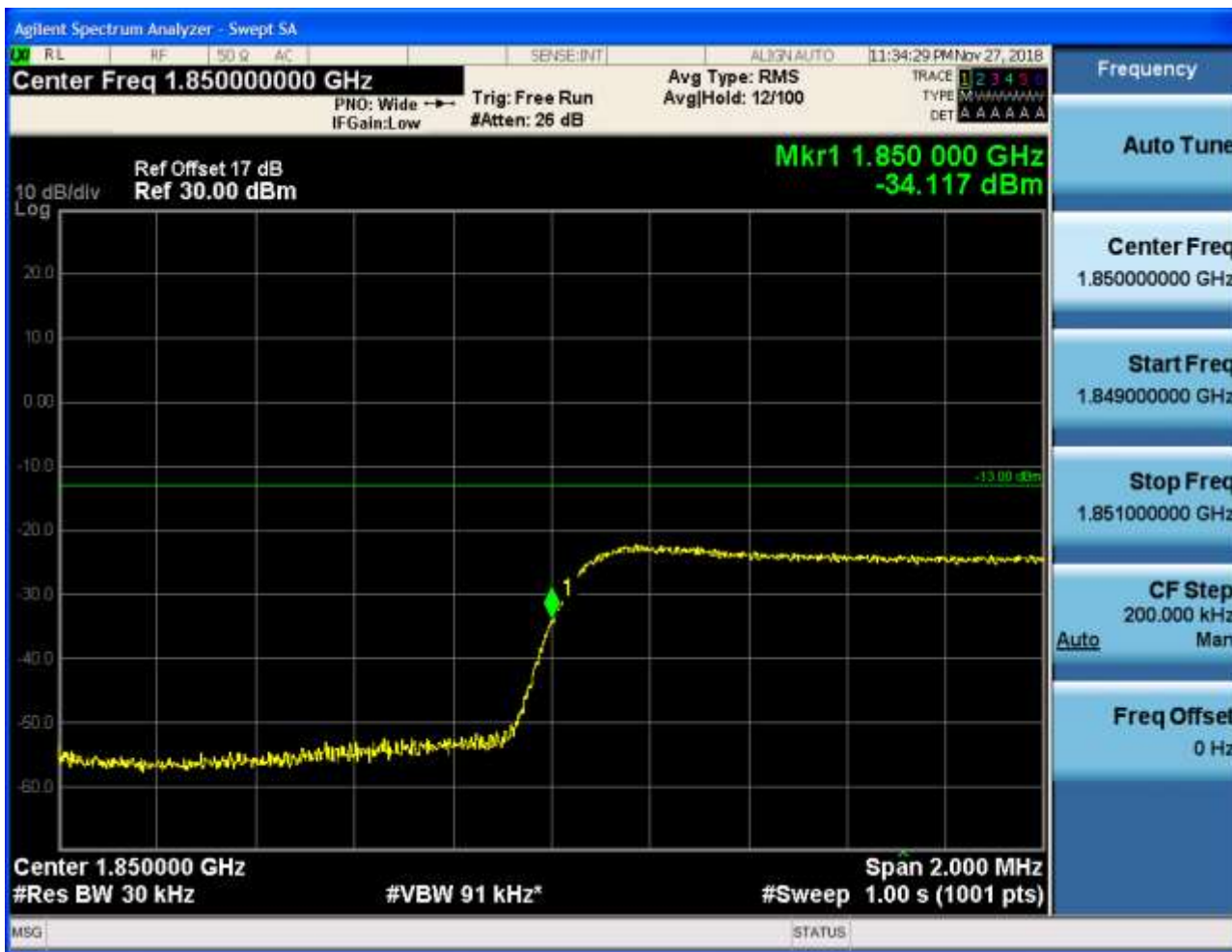
5.1.1.2.2 Test Bandwidth = 3

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

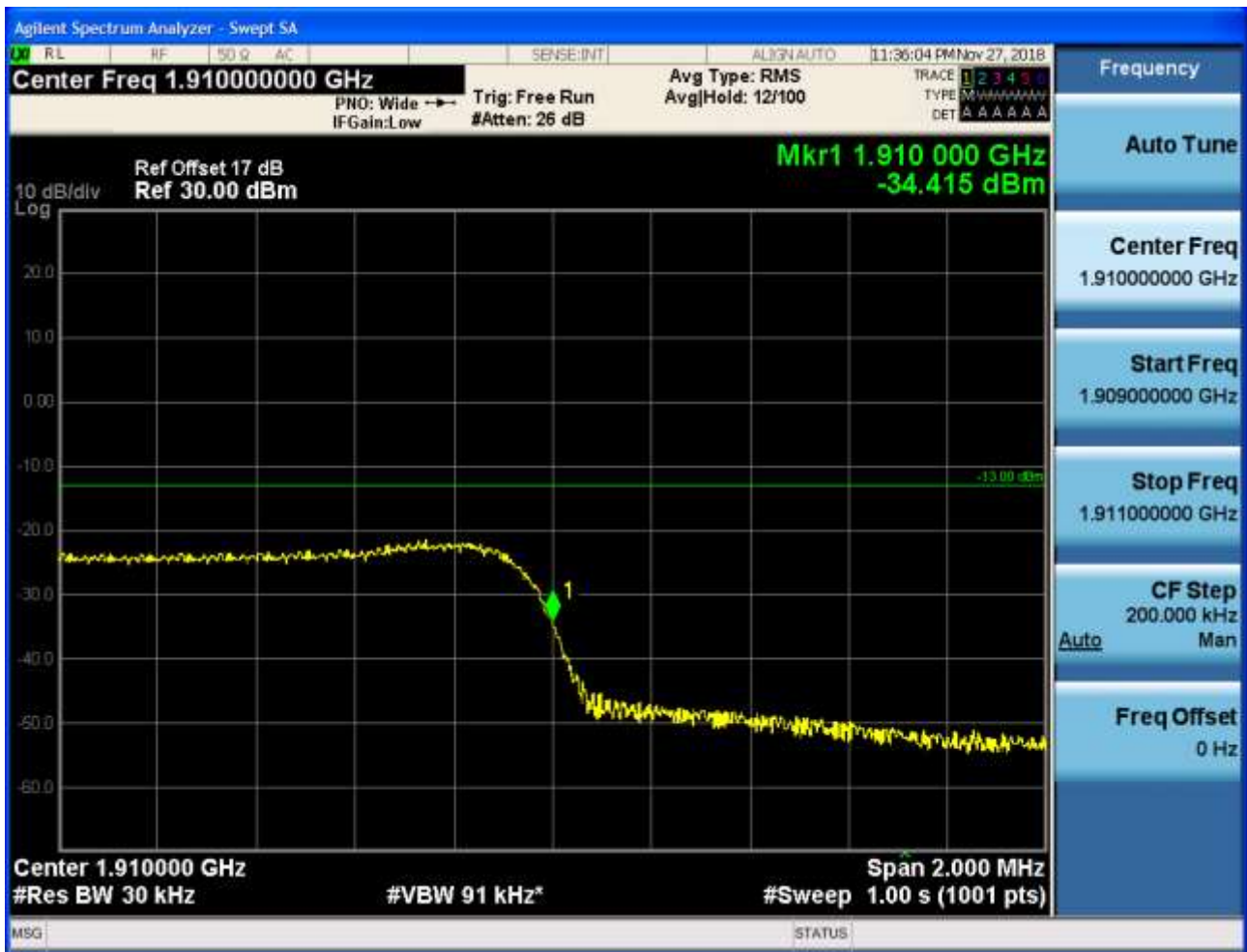


5.1.1.2.2.1.4 Test RB = RB15#0



5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB = RB1#0



5.1.1.2.2.3 Test RB = RB8#4

