

# 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
Band66	LTE/TM1	1.4	LCH	RB1#0	23.35	22.75	30	PASS
				RB1#3	23.36	22.76	30	PASS
				RB1#5	23.31	22.71	30	PASS
				RB3#0	23.37	22.77	30	PASS
				RB3#2	23.44	22.84	30	PASS
				RB3#3	23.37	22.77	30	PASS
				RB6#0	22.49	21.89	30	PASS
			MCH	RB1#0	21.64	21.04	30	PASS
				RB1#3	23.43	22.83	30	PASS
				RB1#5	23.28	22.68	30	PASS
				RB3#0	23.28	22.68	30	PASS
				RB3#2	23.32	22.72	30	PASS
				RB3#3	23.29	22.69	30	PASS
				RB6#0	22.41	21.81	30	PASS
HCH	RB1#0	23.38	22.78	30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#3	23.49	22.89	30	PASS	
				RB1#5	23.38	22.78	30	PASS	
				RB3#0	23.32	22.72	30	PASS	
				RB3#2	23.42	22.82	30	PASS	
				RB3#3	23.41	22.81	30	PASS	
				RB6#0	22.45	21.85	30	PASS	
		3	LCH	RB1#0	23.46	22.86	30	PASS	
				RB1#7	23.43	22.83	30	PASS	
				RB1#14	23.43	22.83	30	PASS	
				RB8#0	22.53	21.93	30	PASS	
				RB8#4	22.52	21.92	30	PASS	
				RB8#7	22.52	21.92	30	PASS	
				RB15#0	22.50	21.90	30	PASS	
				MCH	RB1#0	23.34	22.74	30	PASS
					RB1#7	23.27	22.67	30	PASS
					RB1#14	23.32	22.72	30	PASS
RB8#0	22.49	21.89	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#4	22.50	21.90	30	PASS
				RB8#7	22.45	21.85	30	PASS
				RB15#0	22.50	21.90	30	PASS
			HCH	RB1#0	23.48	22.88	30	PASS
				RB1#7	23.45	22.85	30	PASS
				RB1#14	23.52	22.92	30	PASS
				RB8#0	22.54	21.94	30	PASS
				RB8#4	22.58	21.98	30	PASS
				RB8#7	22.54	21.94	30	PASS
		5	LCH	RB15#0	22.58	21.98	30	PASS
				RB1#0	23.46	22.86	30	PASS
				RB1#13	23.47	22.87	30	PASS
				RB1#24	23.43	22.83	30	PASS
				RB12#0	22.54	21.94	30	PASS
				RB12#6	22.60	22.00	30	PASS
RB12#13	22.56	21.96	30	PASS				
RB25#0	22.58	21.98	30	PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	23.41	22.81	30	PASS
				RB1#13	23.38	22.78	30	PASS
				RB1#24	23.36	22.76	30	PASS
				RB12#0	22.40	21.80	30	PASS
				RB12#6	22.53	21.93	30	PASS
				RB12#13	22.51	21.91	30	PASS
				RB25#0	22.54	21.94	30	PASS
			HCH	RB1#0	23.52	22.92	30	PASS
				RB1#13	23.54	22.94	30	PASS
				RB1#24	23.48	22.88	30	PASS
				RB12#0	22.64	22.04	30	PASS
				RB12#6	22.65	22.05	30	PASS
				RB12#13	22.64	22.04	30	PASS
				RB25#0	22.62	22.02	30	PASS
		10	LCH	RB1#0	23.36	22.76	30	PASS
RB1#25	23.34	22.74		30	PASS			
RB1#49	23.30	22.70		30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#0	22.59	21.99	30	PASS
				RB25#13	22.56	21.96	30	PASS
				RB25#25	22.55	21.95	30	PASS
				RB50#0	22.55	21.95	30	PASS
			MCH	RB1#0	23.38	22.78	30	PASS
				RB1#25	23.33	22.73	30	PASS
				RB1#49	23.31	22.71	30	PASS
				RB25#0	22.44	21.84	30	PASS
				RB25#13	22.55	21.95	30	PASS
				RB25#25	22.52	21.92	30	PASS
				RB50#0	22.56	21.96	30	PASS
			HCH	RB1#0	23.45	22.85	30	PASS
				RB1#25	23.45	22.85	30	PASS
				RB1#49	23.39	22.79	30	PASS
				RB25#0	22.54	21.94	30	PASS
				RB25#13	22.53	21.93	30	PASS
				RB25#25	22.59	21.99	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	22.54	21.94	30	PASS
		15	LCH	RB1#0	23.25	22.65	30	PASS
				RB1#38	23.24	22.64	30	PASS
				RB1#74	23.28	22.68	30	PASS
				RB38#0	22.37	21.77	30	PASS
				RB38#19	22.39	21.79	30	PASS
				RB38#39	22.43	21.83	30	PASS
				RB75#0	22.40	21.80	30	PASS
			MCH	RB1#0	23.20	22.60	30	PASS
				RB1#38	23.28	22.68	30	PASS
				RB1#74	23.22	22.62	30	PASS
				RB38#0	22.31	21.71	30	PASS
				RB38#19	22.39	21.79	30	PASS
				RB38#39	22.37	21.77	30	PASS
				RB75#0	22.36	21.76	30	PASS
			HCH	RB1#0	23.45	22.85	30	PASS
				RB1#38	23.39	22.79	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#74	23.36	22.76	30	PASS	
				RB38#0	22.41	21.81	30	PASS	
				RB38#19	22.41	21.81	30	PASS	
				RB38#39	22.50	21.90	30	PASS	
				RB75#0	22.40	21.80	30	PASS	
		20	LCH	RB1#0	23.33	22.73	30	PASS	
				RB1#50	23.30	22.70	30	PASS	
				RB1#99	23.33	22.73	30	PASS	
				RB50#0	22.42	21.82	30	PASS	
				RB50#25	22.40	21.80	30	PASS	
				RB50#50	22.39	21.79	30	PASS	
				RB100#0	22.40	21.80	30	PASS	
				MCH	RB1#0	23.25	22.65	30	PASS
					RB1#50	23.25	22.65	30	PASS
					RB1#99	23.26	22.66	30	PASS
RB50#0	22.30	21.70	30		PASS				
RB50#25	22.37	21.77	30		PASS				



Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	22.38	21.78	30	PASS
				RB100#0	22.39	21.79	30	PASS
			HCH	RB1#0	23.34	22.74	30	PASS
				RB1#50	23.32	22.72	30	PASS
				RB1#99	23.31	22.71	30	PASS
				RB50#0	22.38	21.78	30	PASS
				RB50#25	22.41	21.81	30	PASS
				RB50#50	22.47	21.87	30	PASS
				RB100#0	22.38	21.78	30	PASS
				LCH	RB1#0	22.88	22.28	30
			RB1#3		22.86	22.26	30	PASS
			RB1#5		22.85	22.25	30	PASS
			RB3#0		22.63	22.03	30	PASS
			RB3#2		22.65	22.05	30	PASS
			RB3#3		22.62	22.02	30	PASS
RB6#0	21.30	20.70	30		PASS			
MCH	RB1#0	22.47	21.87	30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#3	22.62	22.02	30	PASS
				RB1#5	22.52	21.92	30	PASS
				RB3#0	22.38	21.78	30	PASS
				RB3#2	22.47	21.87	30	PASS
				RB3#3	22.44	21.84	30	PASS
				RB6#0	21.56	20.96	30	PASS
			HCH	RB1#0	22.43	21.83	30	PASS
				RB1#3	22.50	21.90	30	PASS
				RB1#5	22.37	21.77	30	PASS
				RB3#0	22.64	22.04	30	PASS
				RB3#2	22.67	22.07	30	PASS
				RB3#3	22.64	22.04	30	PASS
		3	LCH	RB1#0	22.95	22.35	30	PASS
				RB1#7	22.85	22.25	30	PASS
				RB1#14	22.80	22.20	30	PASS
				RB8#0	21.54	20.94	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#4	21.64	21.04	30	PASS
				RB8#7	21.54	20.94	30	PASS
				RB15#0	21.61	21.01	30	PASS
			MCH	RB1#0	22.29	21.69	30	PASS
				RB1#7	22.33	21.73	30	PASS
				RB1#14	22.48	21.88	30	PASS
				RB8#0	21.60	21.00	30	PASS
				RB8#4	21.61	21.01	30	PASS
				RB8#7	21.62	21.02	30	PASS
				RB15#0	21.48	20.88	30	PASS
			HCH	RB1#0	22.53	21.93	30	PASS
				RB1#7	22.84	22.24	30	PASS
				RB1#14	22.70	22.10	30	PASS
				RB8#0	21.63	21.03	30	PASS
				RB8#4	21.64	21.04	30	PASS
				RB8#7	21.56	20.96	30	PASS
				RB15#0	21.59	20.99	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB1#0	22.99	22.39	30	PASS
				RB1#13	23.08	22.48	30	PASS
				RB1#24	22.99	22.39	30	PASS
				RB12#0	21.68	21.08	30	PASS
				RB12#6	21.75	21.15	30	PASS
				RB12#13	21.74	21.14	30	PASS
				RB25#0	21.60	21.00	30	PASS
			MCH	RB1#0	22.58	21.98	30	PASS
				RB1#13	22.69	22.09	30	PASS
				RB1#24	22.60	22.00	30	PASS
				RB12#0	21.52	20.92	30	PASS
				RB12#6	21.63	21.03	30	PASS
				RB12#13	21.56	20.96	30	PASS
				RB25#0	21.58	20.98	30	PASS
			HCH	RB1#0	22.69	22.09	30	PASS
				RB1#13	22.64	22.04	30	PASS
				RB1#24	22.69	22.09	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB12#0	21.62	21.02	30	PASS	
				RB12#6	21.65	21.05	30	PASS	
				RB12#13	21.72	21.12	30	PASS	
				RB25#0	21.62	21.02	30	PASS	
		10	LCH	RB1#0	22.85	22.25	30	PASS	
				RB1#25	22.83	22.23	30	PASS	
				RB1#49	22.85	22.25	30	PASS	
				RB25#0	21.60	21.00	30	PASS	
				RB25#13	21.64	21.04	30	PASS	
				RB25#25	21.58	20.98	30	PASS	
				RB50#0	21.57	20.97	30	PASS	
				MCH	RB1#0	22.50	21.90	30	PASS
					RB1#25	22.43	21.83	30	PASS
					RB1#49	22.31	21.71	30	PASS
RB25#0	21.51	20.91	30		PASS				
RB25#13	21.58	20.98	30		PASS				
RB25#25	21.54	20.94	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
			HCH	RB50#0	21.53	20.93	30	PASS	
				RB1#0	22.57	21.97	30	PASS	
				RB1#25	22.59	21.99	30	PASS	
				RB1#49	22.46	21.86	30	PASS	
				RB25#0	21.65	21.05	30	PASS	
				RB25#13	21.66	21.06	30	PASS	
				RB25#25	21.69	21.09	30	PASS	
				RB50#0	21.52	20.92	30	PASS	
				15	LCH	RB1#0	22.74	22.14	30
		RB1#38	22.74			22.14	30	PASS	
		RB1#74	22.67			22.07	30	PASS	
		RB38#0	21.43			20.83	30	PASS	
		RB38#19	21.45			20.85	30	PASS	
		RB38#39	21.49			20.89	30	PASS	
		RB75#0	21.43			20.83	30	PASS	
		MCH	RB1#0			22.23	21.63	30	PASS
			RB1#38			22.31	21.71	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#74	22.25	21.65	30	PASS
				RB38#0	21.31	20.71	30	PASS
				RB38#19	21.38	20.78	30	PASS
				RB38#39	21.37	20.77	30	PASS
				RB75#0	21.39	20.79	30	PASS
			HCH	RB1#0	22.84	22.24	30	PASS
				RB1#38	22.87	22.27	30	PASS
				RB1#74	22.83	22.23	30	PASS
				RB38#0	21.40	20.80	30	PASS
				RB38#19	21.40	20.80	30	PASS
		20	LCH	RB38#39	21.46	20.86	30	PASS
				RB75#0	21.42	20.82	30	PASS
				RB1#0	22.84	22.24	30	PASS
				RB1#50	22.82	22.22	30	PASS
				RB1#99	22.87	22.27	30	PASS
				RB50#0	21.44	20.84	30	PASS
				RB50#25	21.42	20.82	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	21.40	20.80	30	PASS
				RB100#0	21.42	20.82	30	PASS
			MCH	RB1#0	22.86	22.26	30	PASS
				RB1#50	22.85	22.25	30	PASS
				RB1#99	22.89	22.29	30	PASS
				RB50#0	21.35	20.75	30	PASS
				RB50#25	21.42	20.82	30	PASS
				RB50#50	21.41	20.81	30	PASS
				RB100#0	21.39	20.79	30	PASS
				HCH	RB1#0	22.79	22.19	30
			RB1#50		22.79	22.19	30	PASS
			RB1#99		22.75	22.15	30	PASS
			RB50#0		21.39	20.79	30	PASS
			RB50#25		21.39	20.79	30	PASS
			RB50#50		21.42	20.82	30	PASS
			RB100#0		21.40	20.80	30	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,



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
Band66	LTE/TM 1	1.4	LCH	RB1#0	3.60	13	PASS
				RB1#3	3.44	13	PASS
				RB1#5	3.69	13	PASS
				RB3#0	3.81	13	PASS
				RB3#2	3.78	13	PASS
				RB3#3	3.80	13	PASS
			RB6#0	5.35	13	PASS	
			MCH	RB1#0	3.66	13	PASS
				RB1#3	3.45	13	PASS
				RB1#5	3.62	13	PASS
				RB3#0	3.99	13	PASS
				RB3#2	3.88	13	PASS
				RB3#3	4.01	13	PASS
			RB6#0	5.15	13	PASS	
			HCH	RB1#0	3.52	13	PASS
				RB1#3	3.31	13	PASS
				RB1#5	3.55	13	PASS
				RB3#0	3.73	13	PASS
		RB3#2		3.63	13	PASS	
		RB3#3		3.67	13	PASS	
		RB6#0	4.86	13	PASS		
		3	LCH	RB1#0	3.32	13	PASS
				RB1#7	3.31	13	PASS
				RB1#14	3.36	13	PASS
				RB8#0	4.63	13	PASS
				RB8#4	4.60	13	PASS
				RB8#7	4.64	13	PASS
			RB15#0	5.34	13	PASS	
			MCH	RB1#0	3.45	13	PASS
				RB1#7	3.41	13	PASS
RB1#14	3.45			13	PASS		
RB8#0	4.93			13	PASS		
RB8#4	4.84			13	PASS		
RB8#7	4.93	13		PASS			
RB15#0	5.22	13	PASS				
HCH	RB1#0	3.34	13	PASS			

Test Band (For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		5		RB1#7	3.29	13	PASS
				RB1#14	3.28	13	PASS
				RB8#0	4.79	13	PASS
				RB8#4	4.65	13	PASS
				RB8#7	4.72	13	PASS
				RB15#0	5.25	13	PASS
		5	LCH	RB1#0	3.30	13	PASS
				RB1#13	3.23	13	PASS
				RB1#24	3.30	13	PASS
				RB12#0	4.64	13	PASS
				RB12#6	4.52	13	PASS
				RB12#13	4.60	13	PASS
			RB25#0	5.67	13	PASS	
			MCH	RB1#0	3.51	13	PASS
				RB1#13	3.37	13	PASS
				RB1#24	3.47	13	PASS
				RB12#0	4.86	13	PASS
				RB12#6	4.70	13	PASS
				RB12#13	4.81	13	PASS
			HCH	RB25#0	5.46	13	PASS
				RB1#0	3.39	13	PASS
				RB1#13	3.28	13	PASS
				RB1#24	3.33	13	PASS
				RB12#0	4.72	13	PASS
		RB12#6		4.58	13	PASS	
		10	LCH	RB12#13	4.65	13	PASS
				RB25#0	5.38	13	PASS
				RB1#0	3.31	13	PASS
				RB1#25	3.29	13	PASS
				RB1#49	3.34	13	PASS
RB25#0	4.70			13	PASS		
MCH	RB25#13		4.75	13	PASS		
	RB25#25		4.71	13	PASS		
	RB50#0		5.16	13	PASS		
	RB1#0		3.46	13	PASS		
	RB1#25		3.41	13	PASS		
	RB1#49		3.40	13	PASS		
				RB25#0	4.93	13	PASS
				RB25#13	4.86	13	PASS
				RB25#25	4.84	13	PASS

Test Band (For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		15	HCH	RB50#0	5.22	13	PASS
				RB1#0	3.33	13	PASS
				RB1#25	3.34	13	PASS
				RB1#49	3.29	13	PASS
				RB25#0	4.82	13	PASS
				RB25#13	4.78	13	PASS
				RB25#25	4.77	13	PASS
				RB50#0	5.16	13	PASS
		15	LCH	RB1#0	3.38	13	PASS
				RB1#38	3.33	13	PASS
				RB1#74	3.35	13	PASS
				RB38#0	4.75	13	PASS
				RB38#19	4.73	13	PASS
				RB38#39	4.82	13	PASS
				RB75#0	5.84	13	PASS
			MCH	RB1#0	3.46	13	PASS
				RB1#38	3.47	13	PASS
				RB1#74	3.38	13	PASS
				RB38#0	4.93	13	PASS
				RB38#19	4.87	13	PASS
				RB38#39	4.96	13	PASS
				RB75#0	6.10	13	PASS
		HCH	RB1#0	3.25	13	PASS	
			RB1#38	3.35	13	PASS	
			RB1#74	3.31	13	PASS	
			RB38#0	4.79	13	PASS	
			RB38#19	4.79	13	PASS	
			RB38#39	4.82	13	PASS	
			RB75#0	5.80	13	PASS	
		20	LCH	RB1#0	3.35	13	PASS
				RB1#50	3.32	13	PASS
				RB1#99	3.35	13	PASS
RB50#0	4.78			13	PASS		
RB50#25	4.77			13	PASS		
RB50#50	4.82			13	PASS		
RB100#0	5.66			13	PASS		
MCH	RB1#0		3.42	13	PASS		
	RB1#50		3.45	13	PASS		
	RB1#99		3.33	13	PASS		
			RB50#0	4.99	13	PASS	

Test Band (For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	4.97	13	PASS
				RB50#50	4.95	13	PASS
				RB100#0	5.86	13	PASS
			HCH	RB1#0	3.29	13	PASS
				RB1#50	3.38	13	PASS
				RB1#99	3.36	13	PASS
				RB50#0	4.79	13	PASS
				RB50#25	4.90	13	PASS
				RB50#50	4.91	13	PASS
				RB100#0	5.34	13	PASS
	LCH	RB1#0	5.15	13	PASS		
		RB1#3	5.03	13	PASS		
		RB1#5	5.14	13	PASS		
		RB3#0	5.21	13	PASS		
		RB3#2	5.21	13	PASS		
		RB3#3	5.22	13	PASS		
		RB6#0	5.80	13	PASS		
		MCH	RB1#0	5.35	13	PASS	
			RB1#3	5.23	13	PASS	
			RB1#5	5.34	13	PASS	
			RB3#0	5.36	13	PASS	
			RB3#2	5.26	13	PASS	
			RB3#3	5.35	13	PASS	
	HCH	RB6#0	5.77	13	PASS		
		RB1#0	4.77	13	PASS		
		RB1#3	4.52	13	PASS		
		RB1#5	4.66	13	PASS		
		RB3#0	4.95	13	PASS		
		RB3#2	4.97	13	PASS		
		RB3#3	4.97	13	PASS		
	3	LCH	RB1#0	4.73	13	PASS	
			RB1#7	4.72	13	PASS	
			RB1#14	4.66	13	PASS	
RB8#0			5.61	13	PASS		
RB8#4			5.51	13	PASS		
RB8#7			5.62	13	PASS		
RB15#0			6.03	13	PASS		
MCH		RB1#0	5.37	13	PASS		
		RB1#7	5.31	13	PASS		

Test Band (For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	5.38	13	PASS
				RB8#0	5.58	13	PASS
				RB8#4	5.48	13	PASS
				RB8#7	5.55	13	PASS
				RB15#0	6.05	13	PASS
			HCH	RB1#0	5.09	13	PASS
				RB1#7	5.00	13	PASS
				RB1#14	4.97	13	PASS
				RB8#0	5.52	13	PASS
				RB8#4	5.42	13	PASS
				RB8#7	5.49	13	PASS
			LCH	RB15#0	6.00	13	PASS
				RB1#0	4.48	13	PASS
				RB1#13	4.40	13	PASS
				RB1#24	4.45	13	PASS
		RB12#0		5.45	13	PASS	
		RB12#6		5.35	13	PASS	
		RB12#13		5.50	13	PASS	
		MCH	RB25#0	6.36	13	PASS	
			RB1#0	5.10	13	PASS	
			RB1#13	5.01	13	PASS	
			RB1#24	5.05	13	PASS	
			RB12#0	5.74	13	PASS	
			RB12#6	5.66	13	PASS	
			RB12#13	5.73	13	PASS	
		HCH	RB25#0	6.43	13	PASS	
			RB1#0	4.99	13	PASS	
			RB1#13	4.91	13	PASS	
			RB1#24	4.87	13	PASS	
			RB12#0	5.61	13	PASS	
			RB12#6	5.48	13	PASS	
			RB12#13	5.62	13	PASS	
		10	LCH	RB25#0	6.24	13	PASS
RB1#0	4.68			13	PASS		
RB1#25	4.65			13	PASS		
RB1#49	4.70			13	PASS		
RB25#0	5.58			13	PASS		
RB25#13	5.56			13	PASS		
RB25#25	5.62			13	PASS		
RB50#0	5.95	13	PASS				

Test Band (For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		15	MCH	RB1#0	5.32	13	PASS
				RB1#25	5.32	13	PASS
				RB1#49	5.23	13	PASS
				RB25#0	6.03	13	PASS
				RB25#13	5.87	13	PASS
				RB25#25	5.95	13	PASS
				RB50#0	6.18	13	PASS
			HCH	RB1#0	5.04	13	PASS
				RB1#25	5.11	13	PASS
				RB1#49	5.04	13	PASS
				RB25#0	5.70	13	PASS
				RB25#13	5.64	13	PASS
				RB25#25	5.66	13	PASS
				RB50#0	6.07	13	PASS
		20	LCH	RB1#0	4.78	13	PASS
				RB1#38	4.70	13	PASS
				RB1#74	4.82	13	PASS
				RB38#0	5.74	13	PASS
				RB38#19	5.61	13	PASS
				RB38#39	5.79	13	PASS
				RB75#0	6.53	13	PASS
			MCH	RB1#0	5.38	13	PASS
				RB1#38	5.35	13	PASS
				RB1#74	5.25	13	PASS
				RB38#0	6.02	13	PASS
				RB38#19	5.96	13	PASS
				RB38#39	5.97	13	PASS
				RB75#0	6.92	13	PASS
		HCH	RB1#0	4.64	13	PASS	
			RB1#38	4.73	13	PASS	
			RB1#74	4.84	13	PASS	
			RB38#0	5.82	13	PASS	
			RB38#19	5.81	13	PASS	
			RB38#39	5.90	13	PASS	
			RB75#0	6.65	13	PASS	
		LCH	RB1#0	4.69	13	PASS	
			RB1#50	4.66	13	PASS	
			RB1#99	4.78	13	PASS	
			RB50#0	5.72	13	PASS	
			RB50#25	5.76	13	PASS	

Test Band (For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#50	5.82	13	PASS
				RB100#0	6.30	13	PASS
			MCH	RB1#0	4.70	13	PASS
				RB1#50	4.68	13	PASS
				RB1#99	4.56	13	PASS
				RB50#0	5.97	13	PASS
				RB50#25	5.84	13	PASS
				RB50#50	5.90	13	PASS
				RB100#0	6.56	13	PASS
				HCH	RB1#0	4.60	13
			RB1#50		4.69	13	PASS
			RB1#99		4.70	13	PASS
			RB50#0		5.74	13	PASS
			RB50#25		5.84	13	PASS
			RB50#50		5.93	13	PASS
			RB100#0		6.09	13	PASS



### 3Appendix\_C: Modulation Characteristics

#### Part I - Test Plots

##### 3.1 For LTE

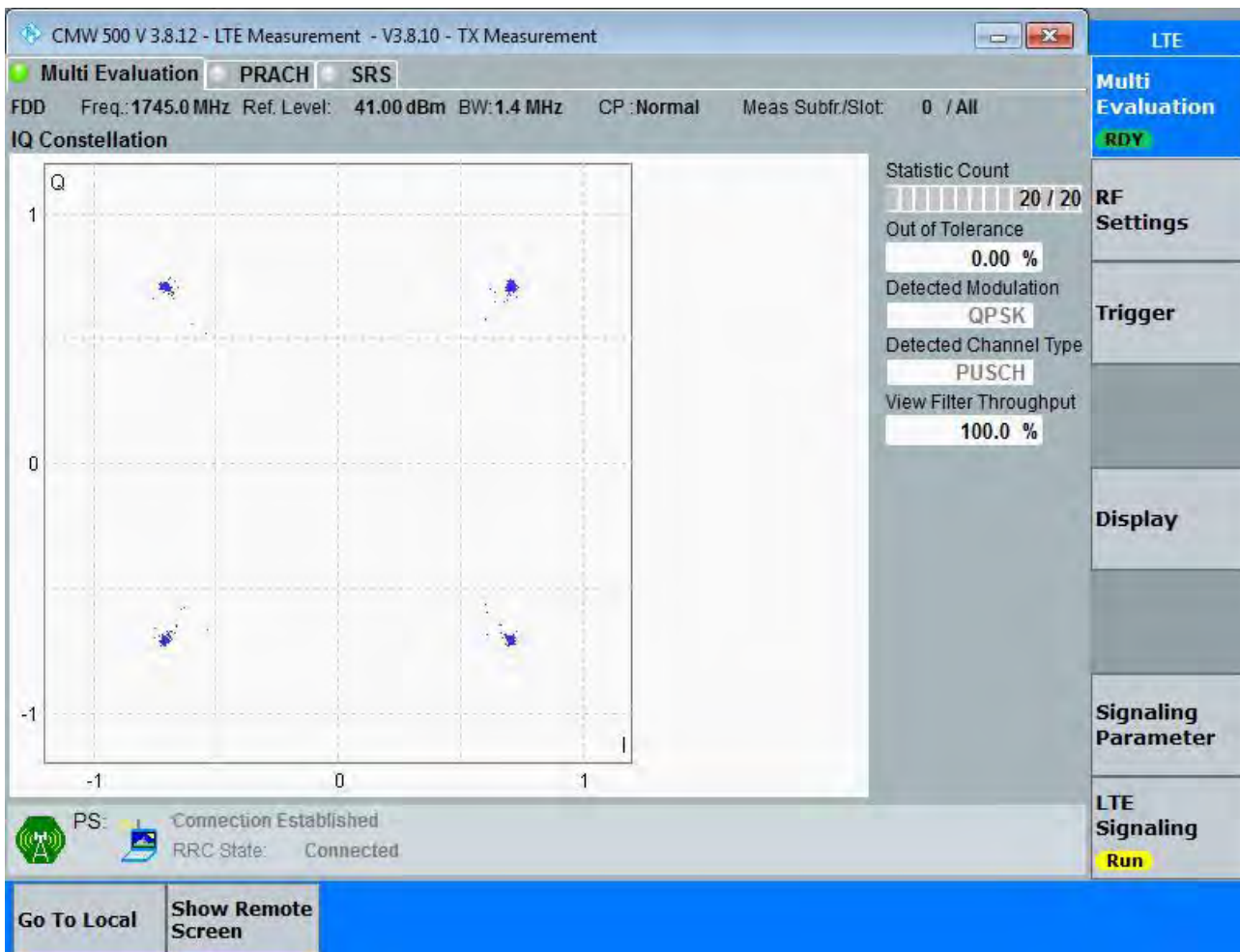
##### 3.1.1 Test Band = Band66

##### 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

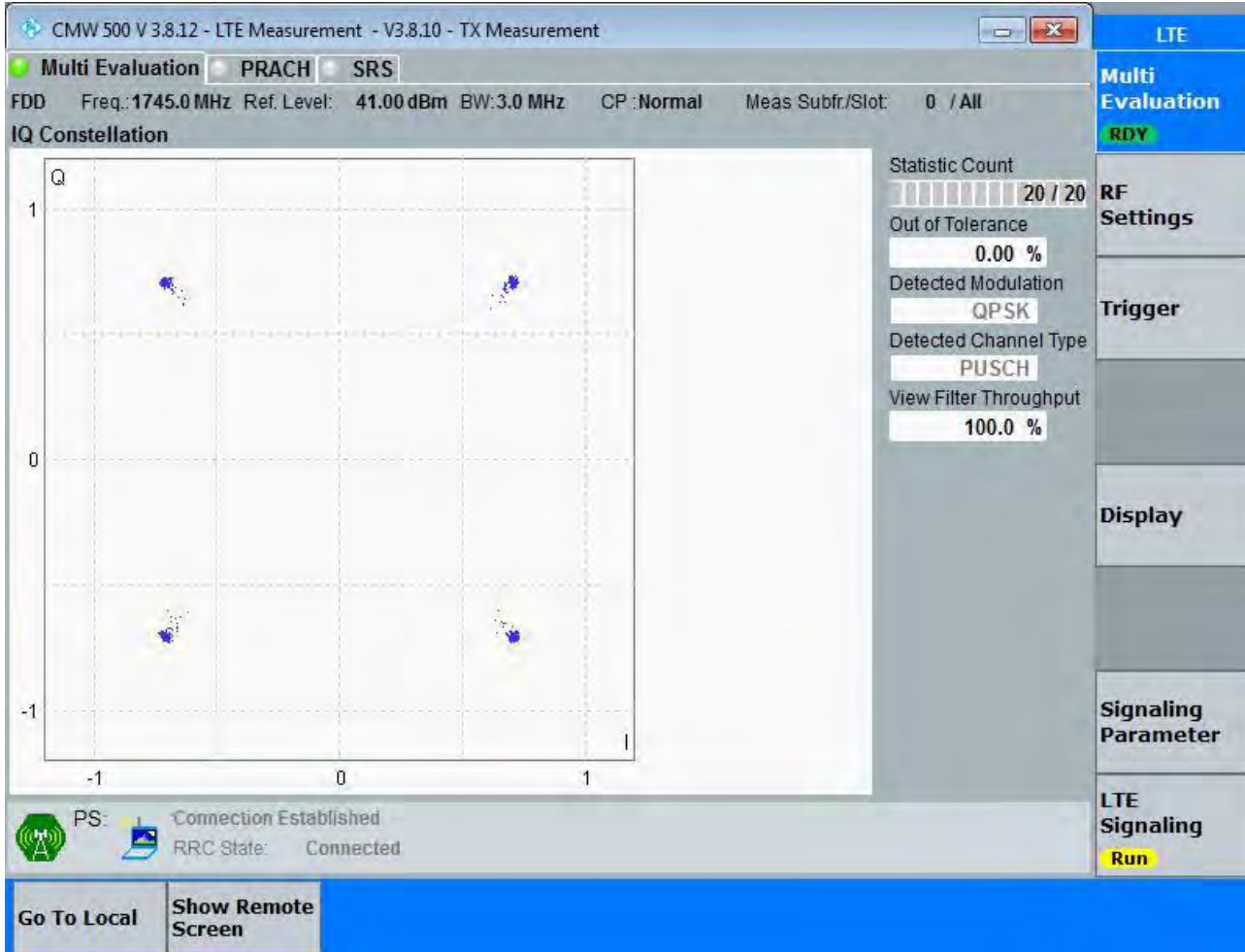
##### 3.1.1.1.1.1.1 Test RB = RB6#0



### 3.1.1.1.2 Test Bandwidth = 3

#### 3.1.1.1.2.1 Test Channel = MCH

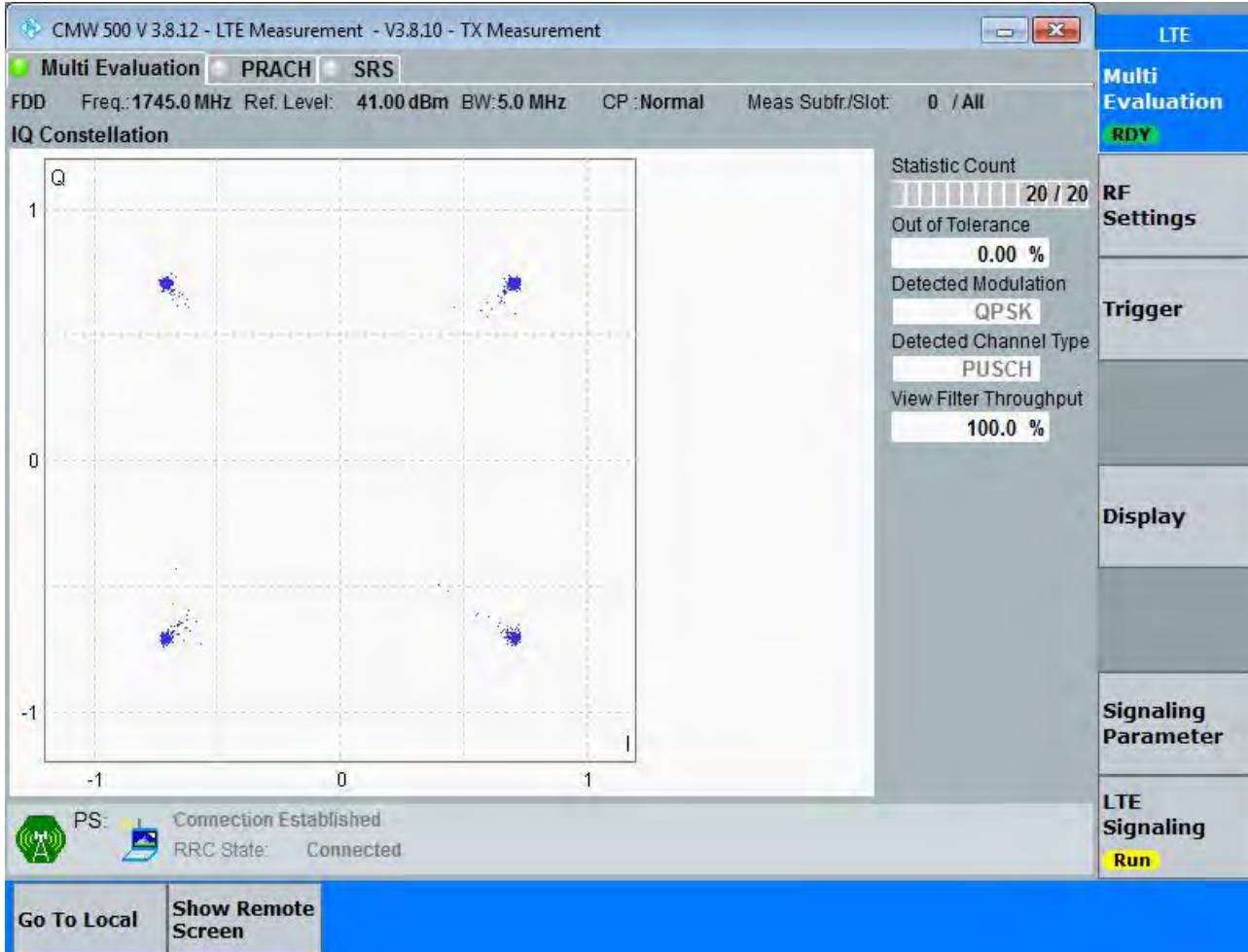
##### 3.1.1.1.2.1.1 Test RB = RB15#0



### 3.1.1.1.3 Test Bandwidth = 5

#### 3.1.1.1.3.1 Test Channel = MCH

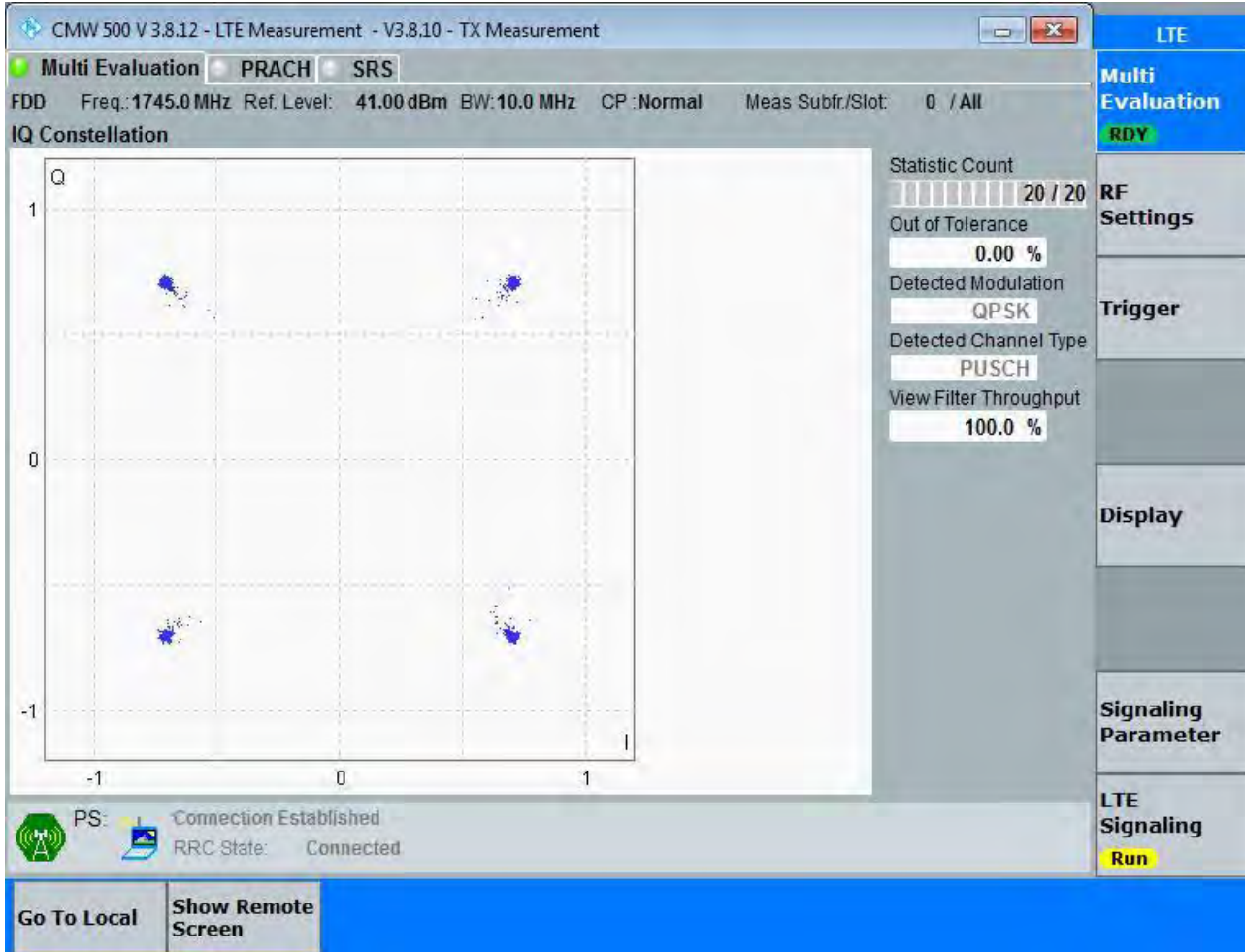
##### 3.1.1.1.3.1.1 Test RB = RB25#0



### 3.1.1.1.4 Test Bandwidth = 10

#### 3.1.1.1.4.1 Test Channel = MCH

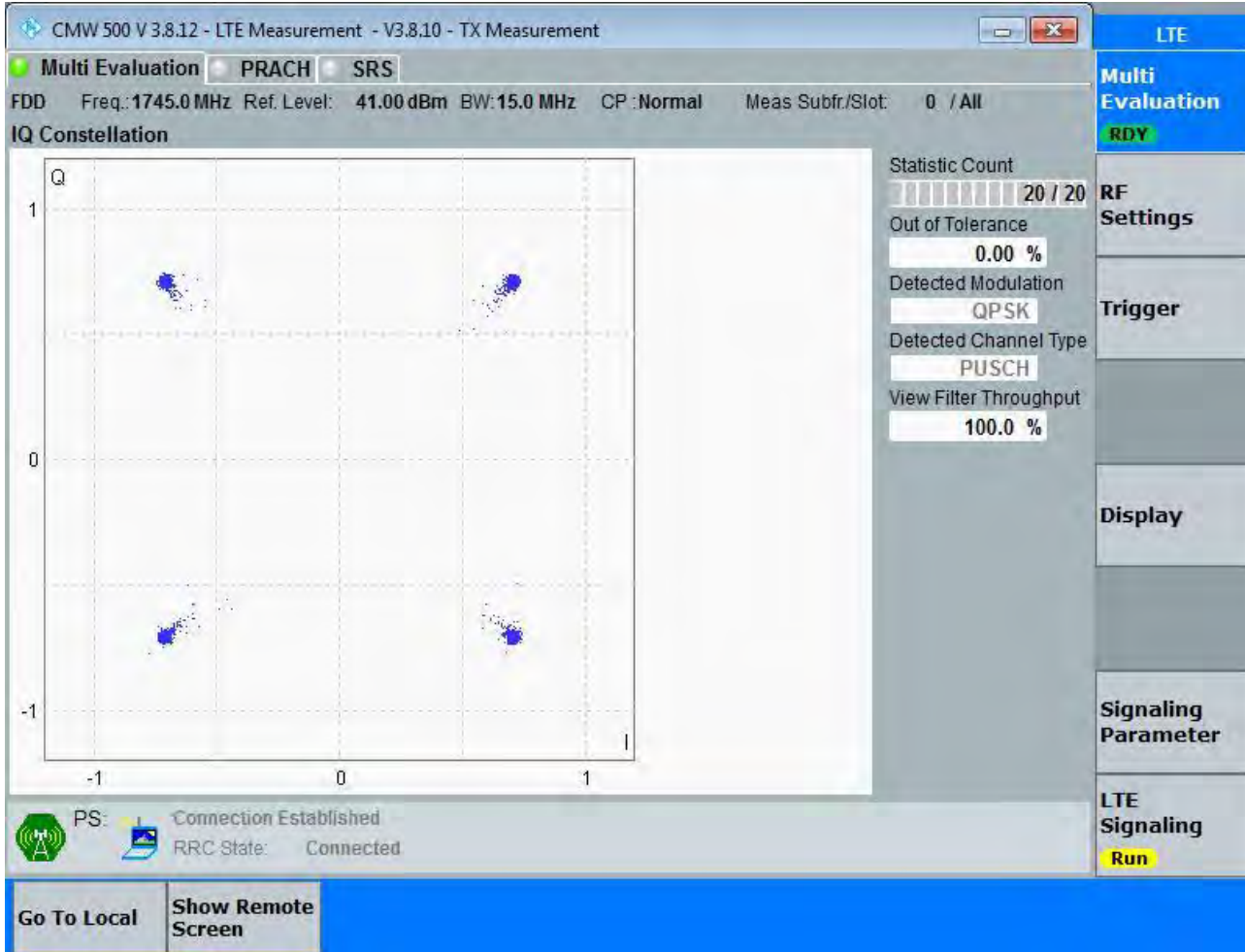
##### 3.1.1.1.4.1.1 Test RB = RB50#0



### 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

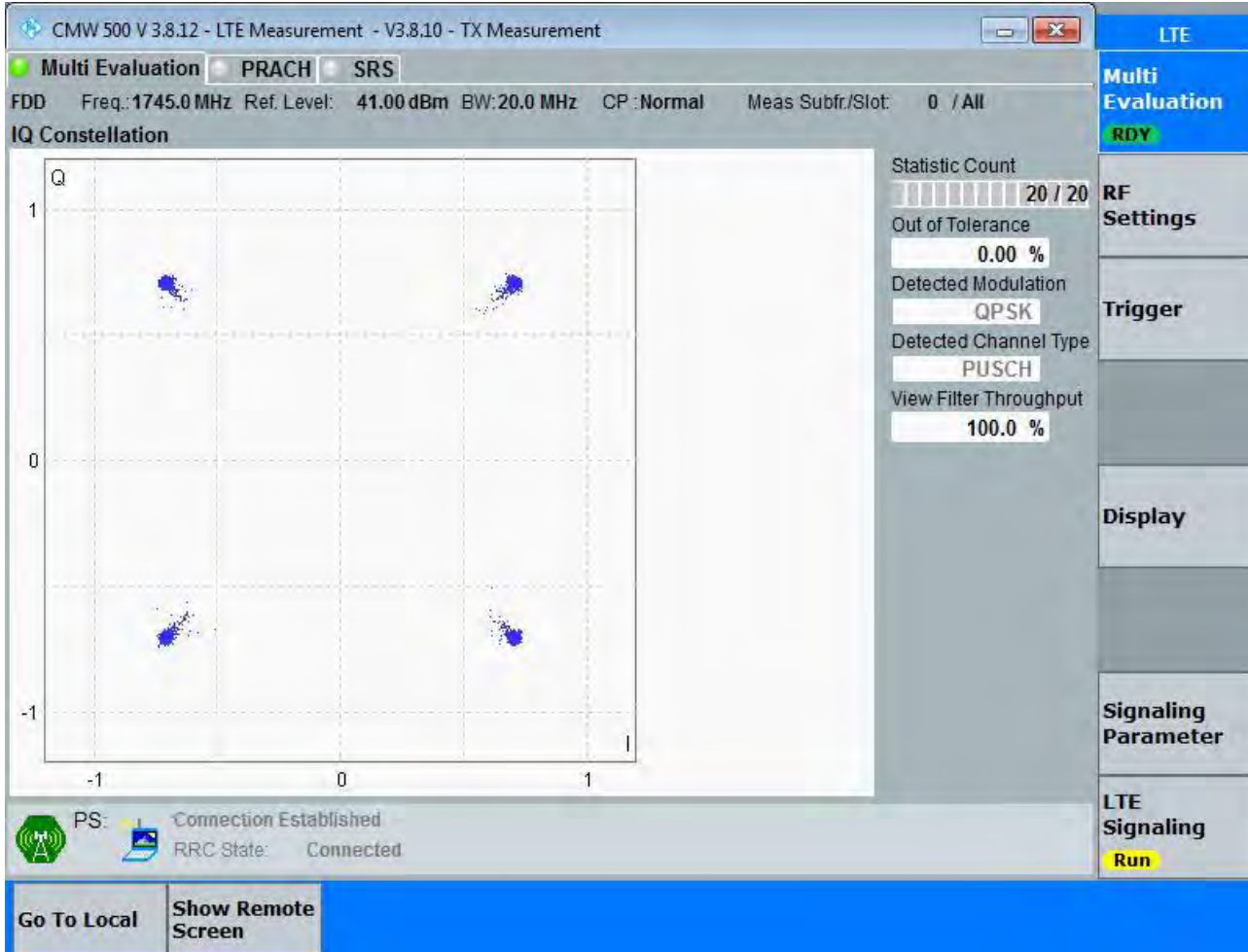




### 3.1.1.1.6 Test Bandwidth = 20

#### 3.1.1.1.6.1 Test Channel = MCH

##### 3.1.1.1.6.1.1 Test RB = RB100#0

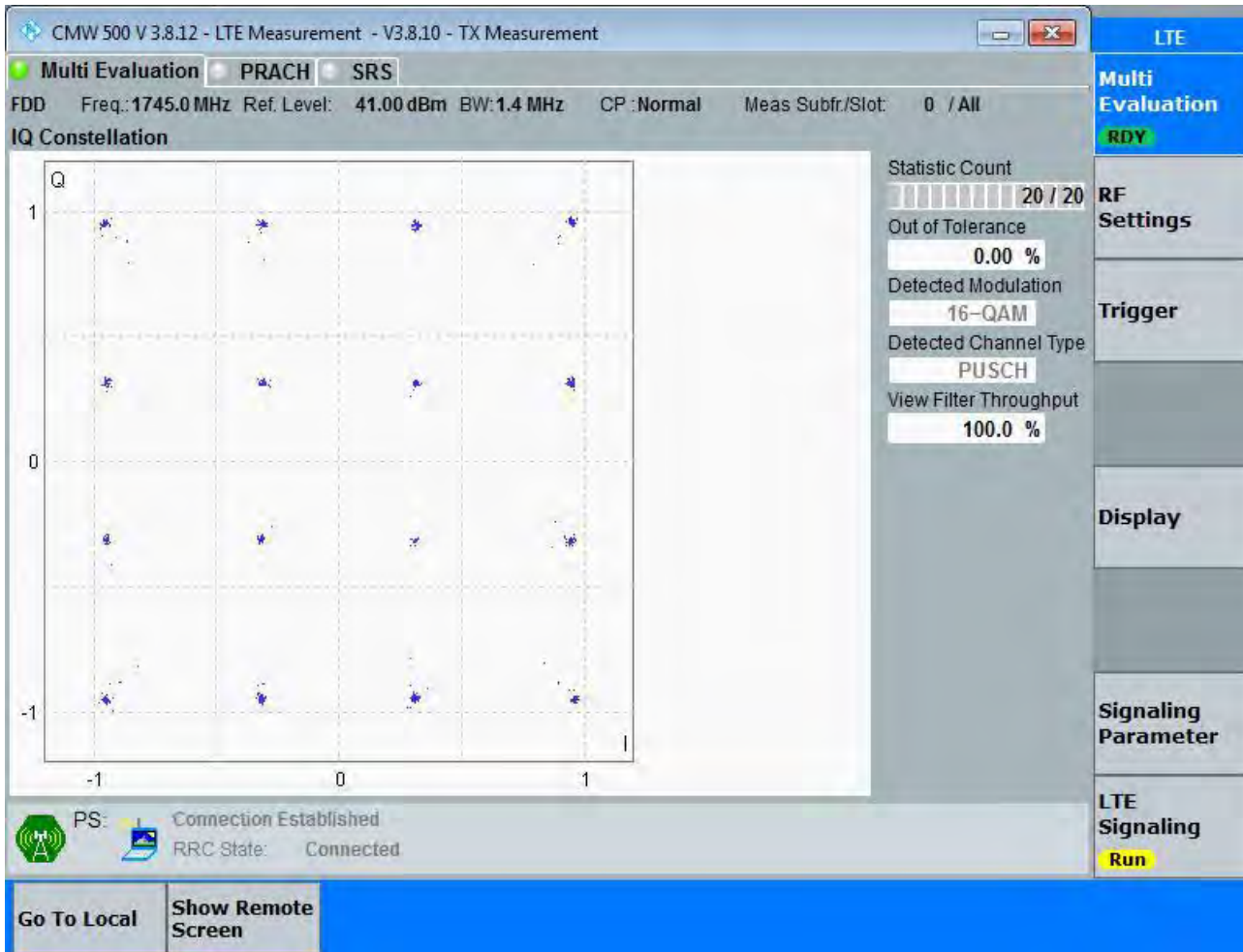


### 3.1.1.2 Test Mode = LTE/TM2

#### 3.1.1.2.1 Test Bandwidth = 1.4

##### 3.1.1.2.1.1 Test Channel = MCH

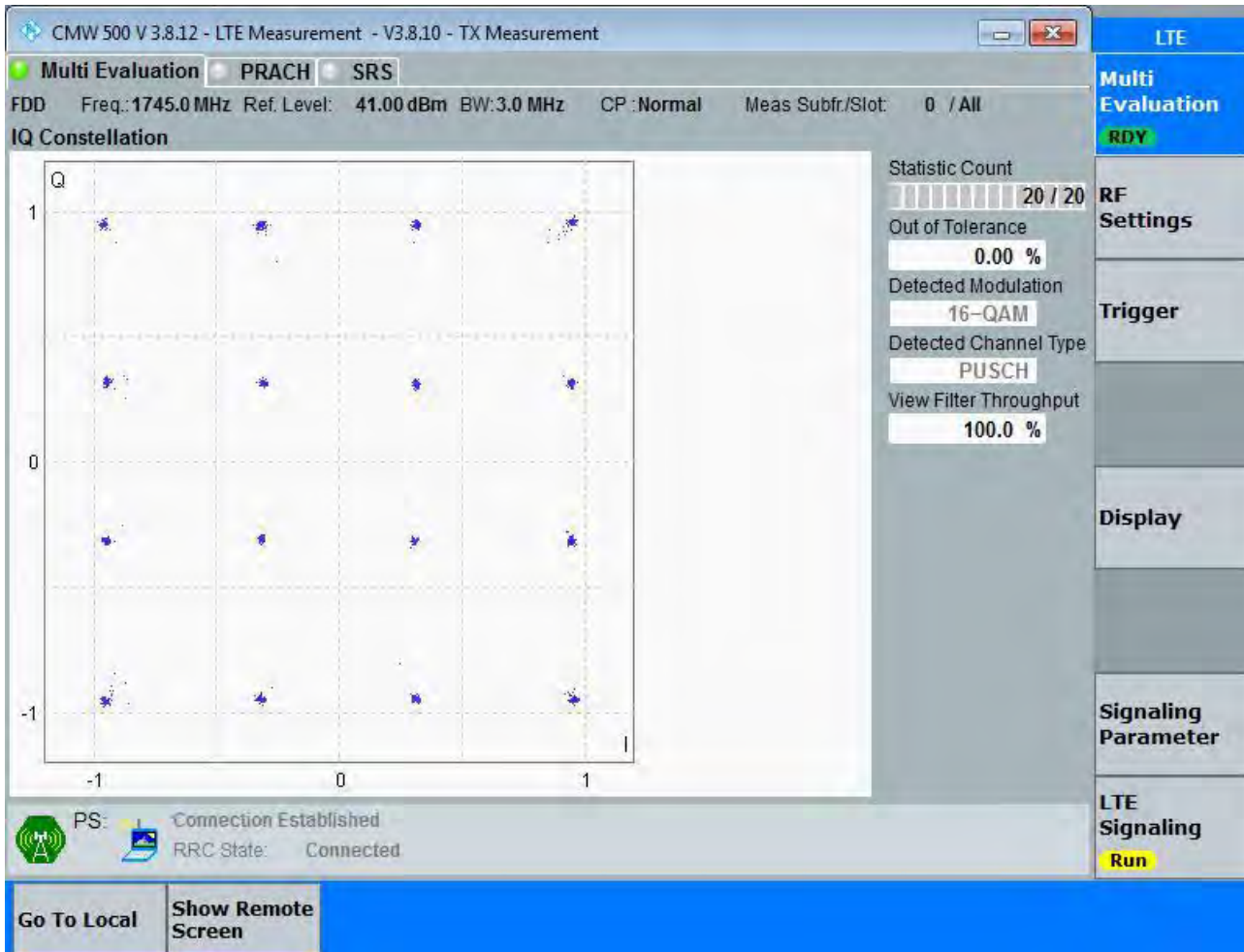
##### 3.1.1.2.1.1.1 Test RB = RB6#0



### 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

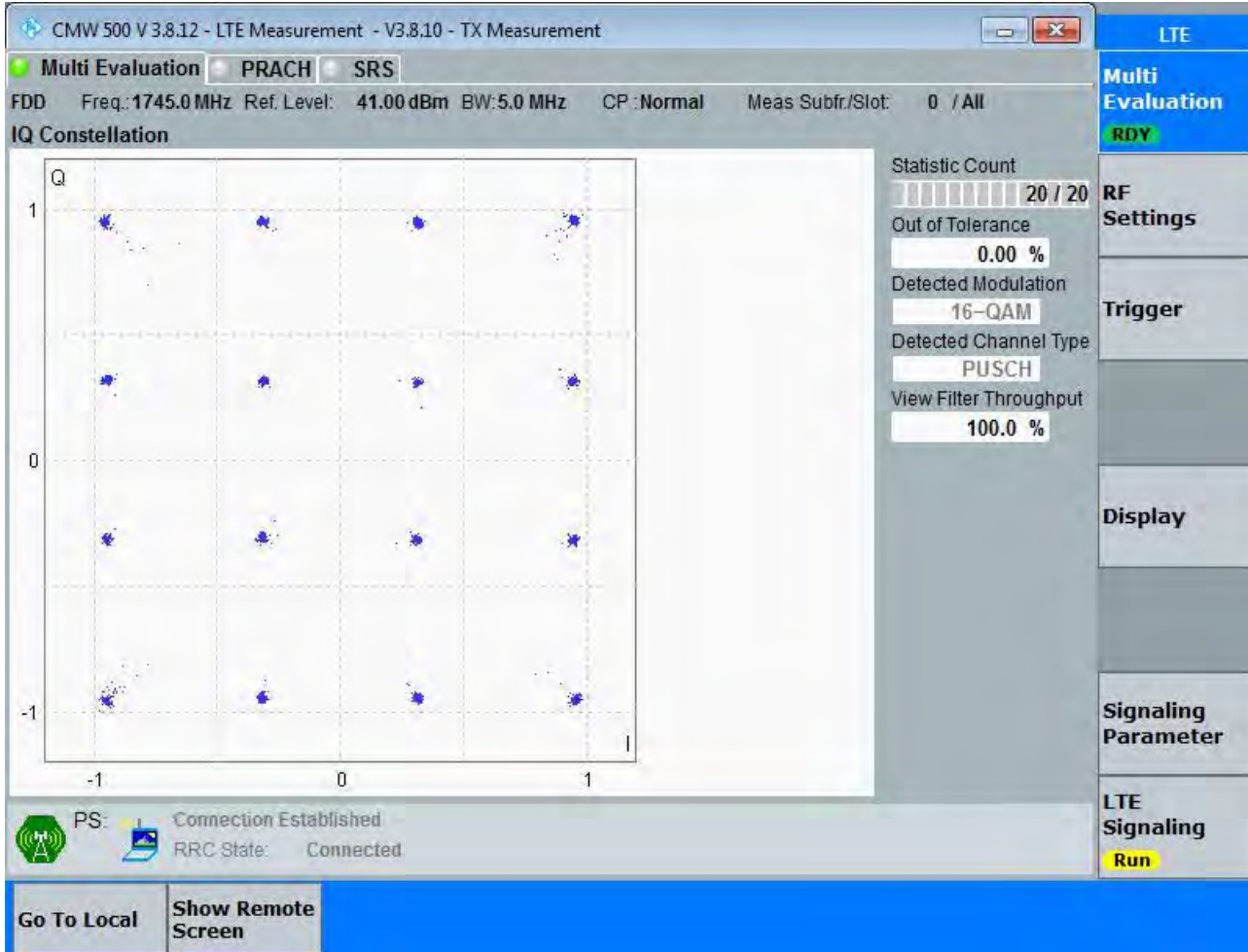




### 3.1.1.2.3 Test Bandwidth = 5

#### 3.1.1.2.3.1 Test Channel = MCH

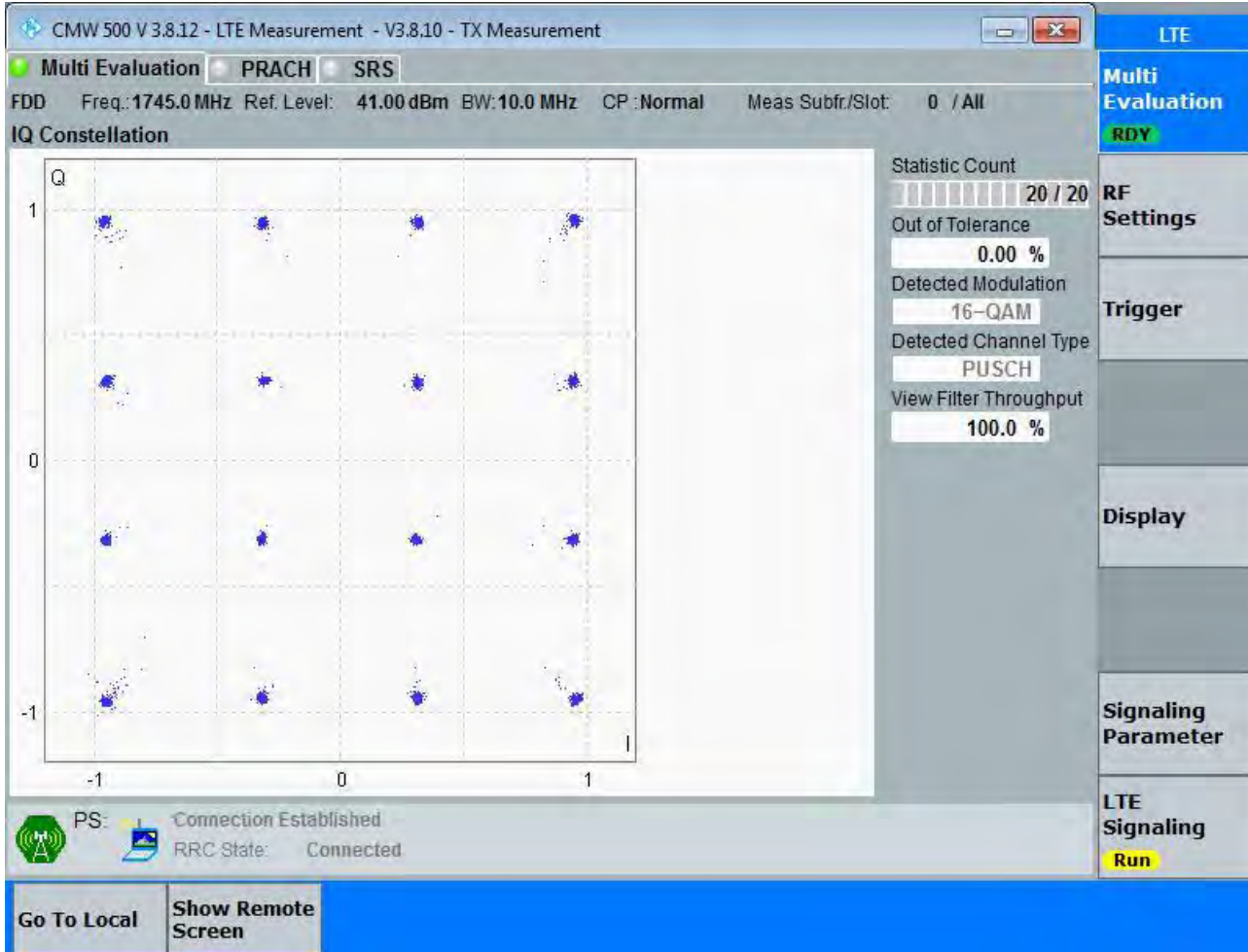
##### 3.1.1.2.3.1.1 Test RB = RB25#0



### 3.1.1.2.4 Test Bandwidth = 10

#### 3.1.1.2.4.1 Test Channel = MCH

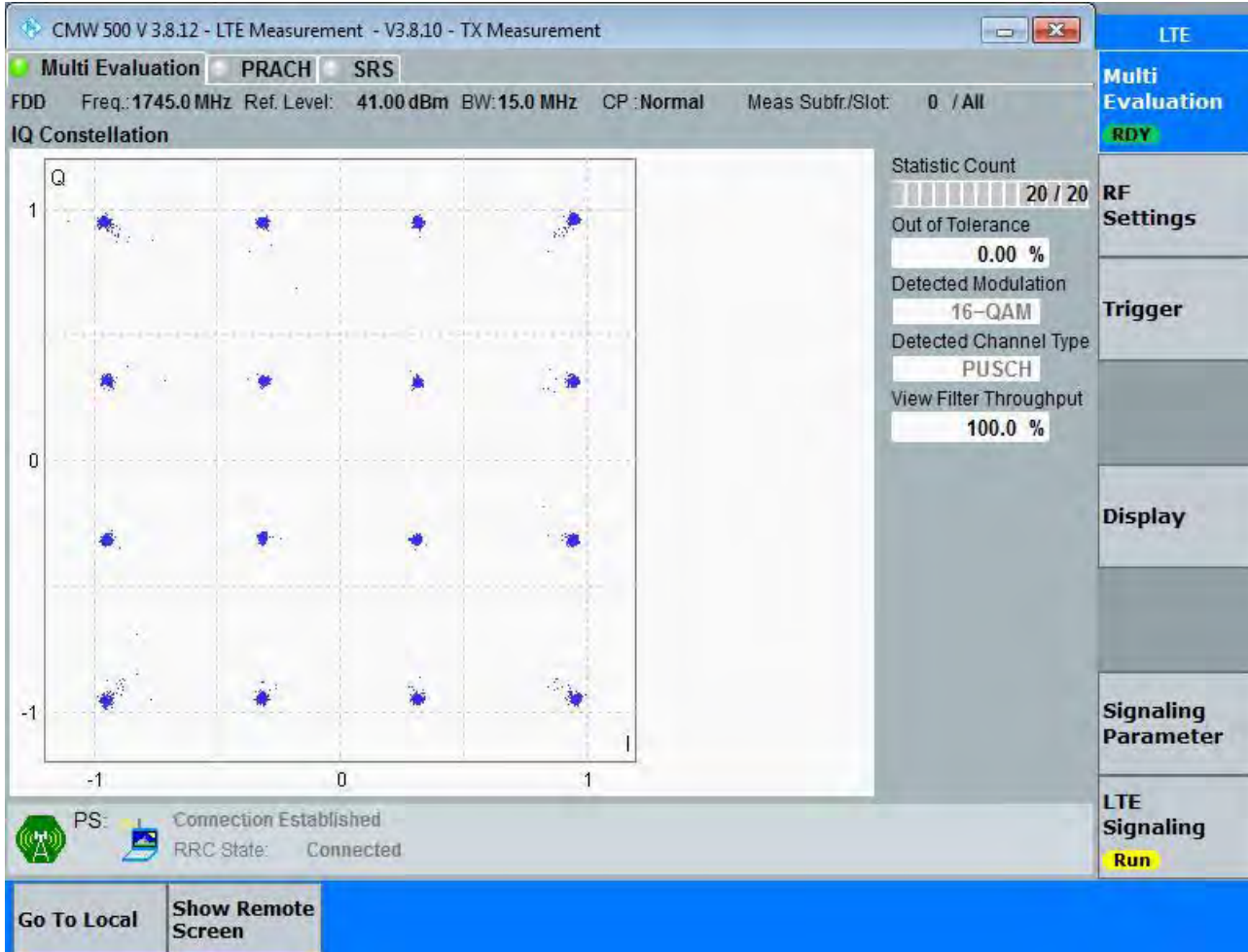
##### 3.1.1.2.4.1.1 Test RB = RB50#0



### 3.1.1.2.5 Test Bandwidth = 15

#### 3.1.1.2.5.1 Test Channel = MCH

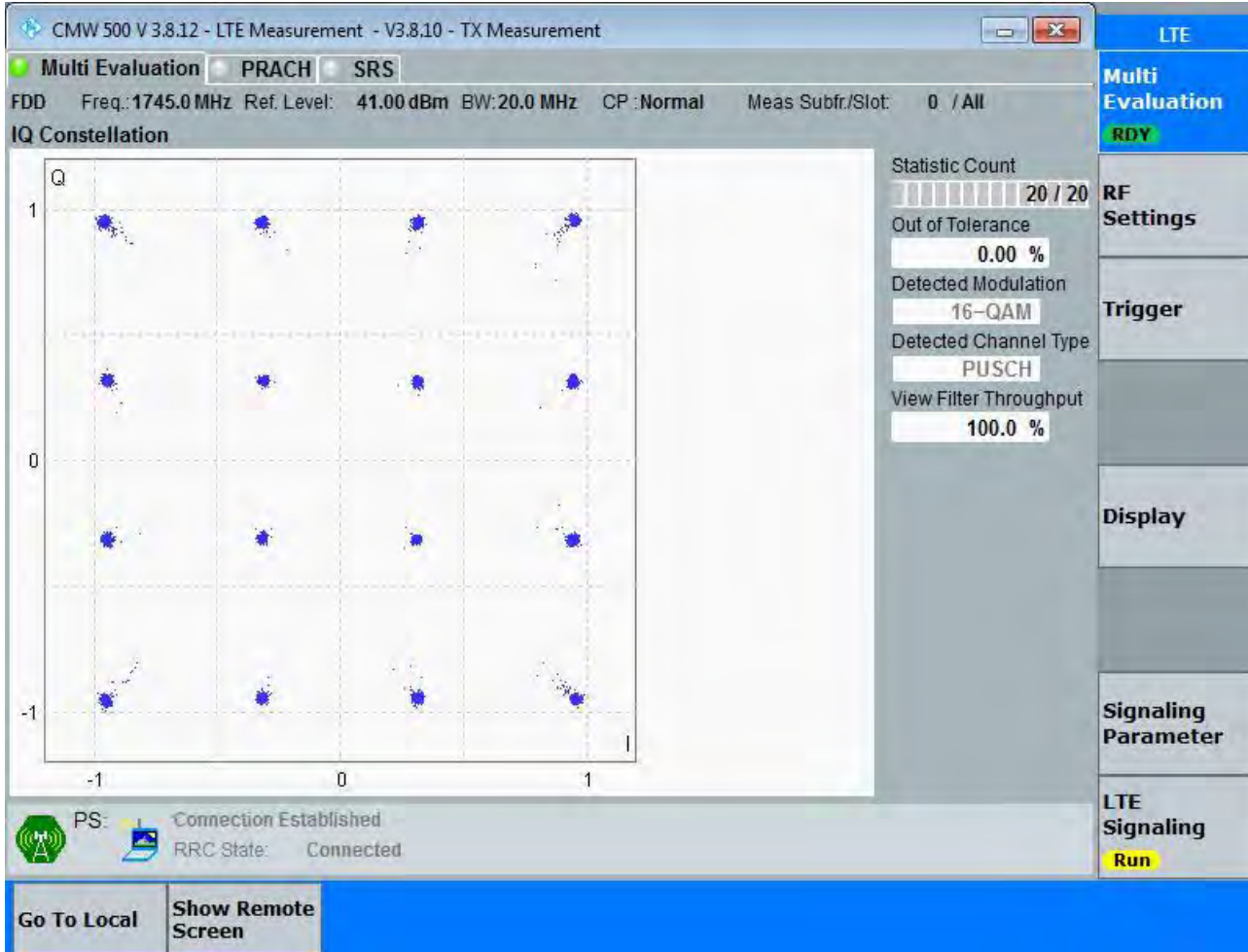
##### 3.1.1.2.5.1.1 Test RB = RB75#0



### 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
Band66	LTE/TM1	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.10	1.24	Pass
		3	LCH	RB15#0	2.71	3.01	Pass
			MCH	RB15#0	2.70	3.03	Pass
			HCH	RB15#0	2.71	3.01	Pass
		5	LCH	RB25#0	4.51	4.98	Pass
			MCH	RB25#0	4.54	5.01	Pass
			HCH	RB25#0	4.52	4.95	Pass
		10	LCH	RB50#0	8.98	9.83	Pass
			MCH	RB50#0	9.01	9.85	Pass
			HCH	RB50#0	9.03	9.86	Pass
	15	LCH	RB75#0	13.44	14.59	Pass	
		MCH	RB75#0	13.50	14.71	Pass	
		HCH	RB75#0	13.48	14.73	Pass	
	20	LCH	RB100#0	17.94	19.40	Pass	
		MCH	RB100#0	17.98	19.52	Pass	
		HCH	RB100#0	17.95	19.41	Pass	
	LTE/TM2	1.4	LCH	RB6#0	1.10	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	3.02	Pass
			MCH	RB15#0	2.70	3.03	Pass
			HCH	RB15#0	2.70	3.03	Pass
5		LCH	RB25#0	4.51	4.96	Pass	
		MCH	RB25#0	4.52	4.98	Pass	
		HCH	RB25#0	4.50	4.95	Pass	
10		LCH	RB50#0	8.97	9.81	Pass	
		MCH	RB50#0	9.01	9.83	Pass	
		HCH	RB50#0	9.00	9.85	Pass	
15	LCH	RB75#0	13.47	14.65	Pass		
	MCH	RB75#0	13.50	14.67	Pass		
	HCH	RB75#0	13.47	14.71	Pass		
20	LCH	RB100#0	17.92	18.75	Pass		
	MCH	RB100#0	17.96	19.43	Pass		

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	17.96	19.46	Pass



Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = Band66

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

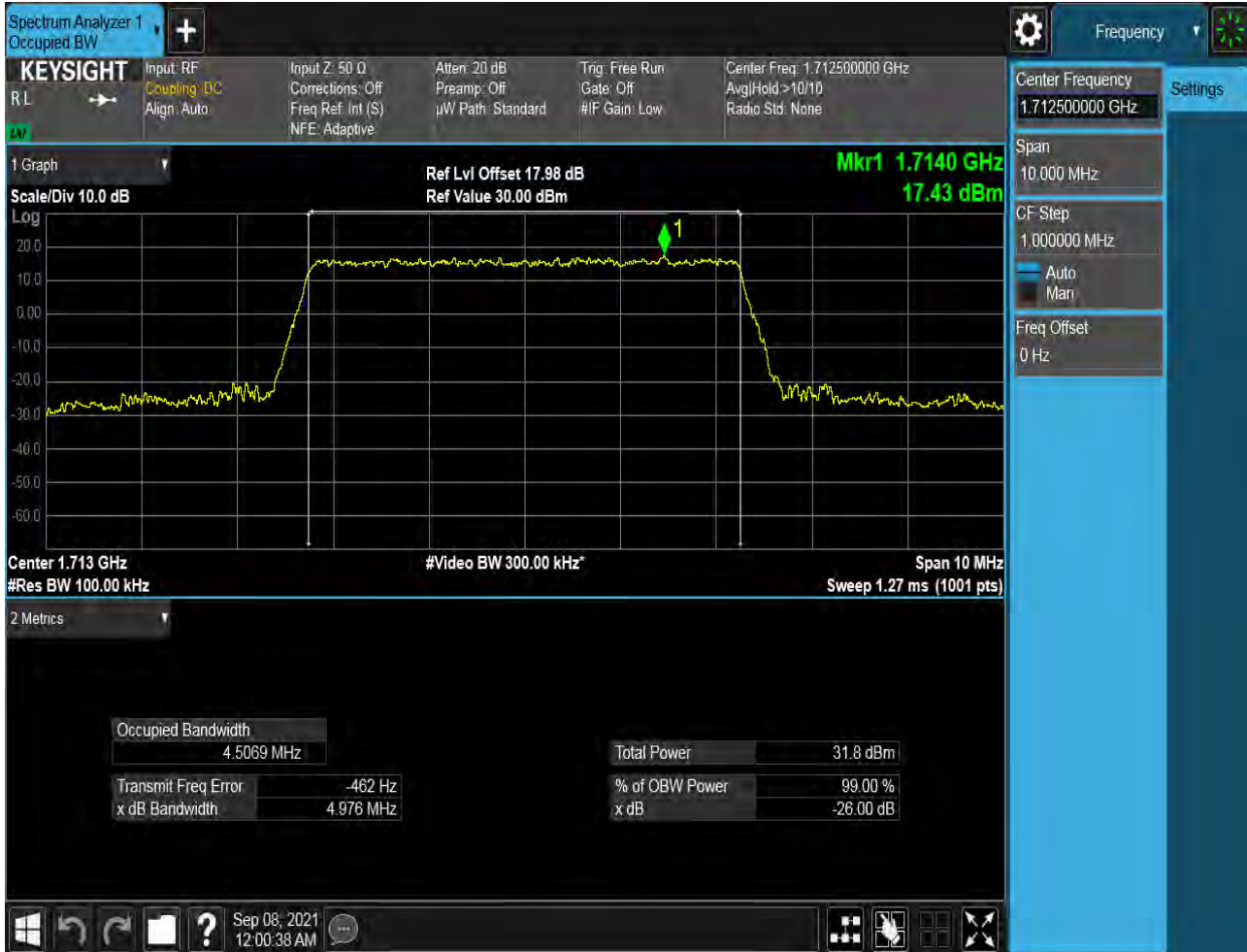




4.1.1.1.3 Test Bandwidth = 5

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





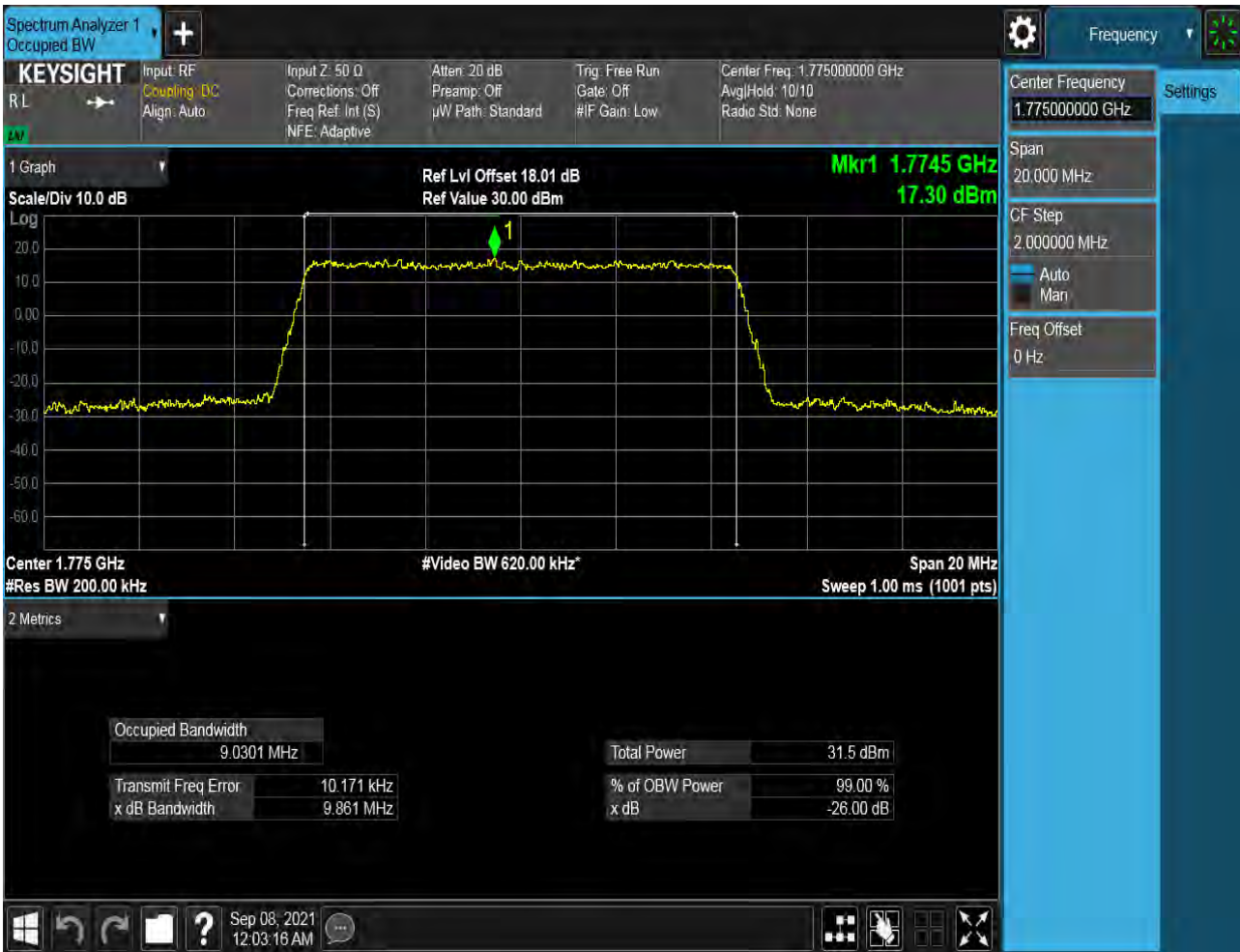
## 4.1.1.1.4.2 Test Channel = MCH

## 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

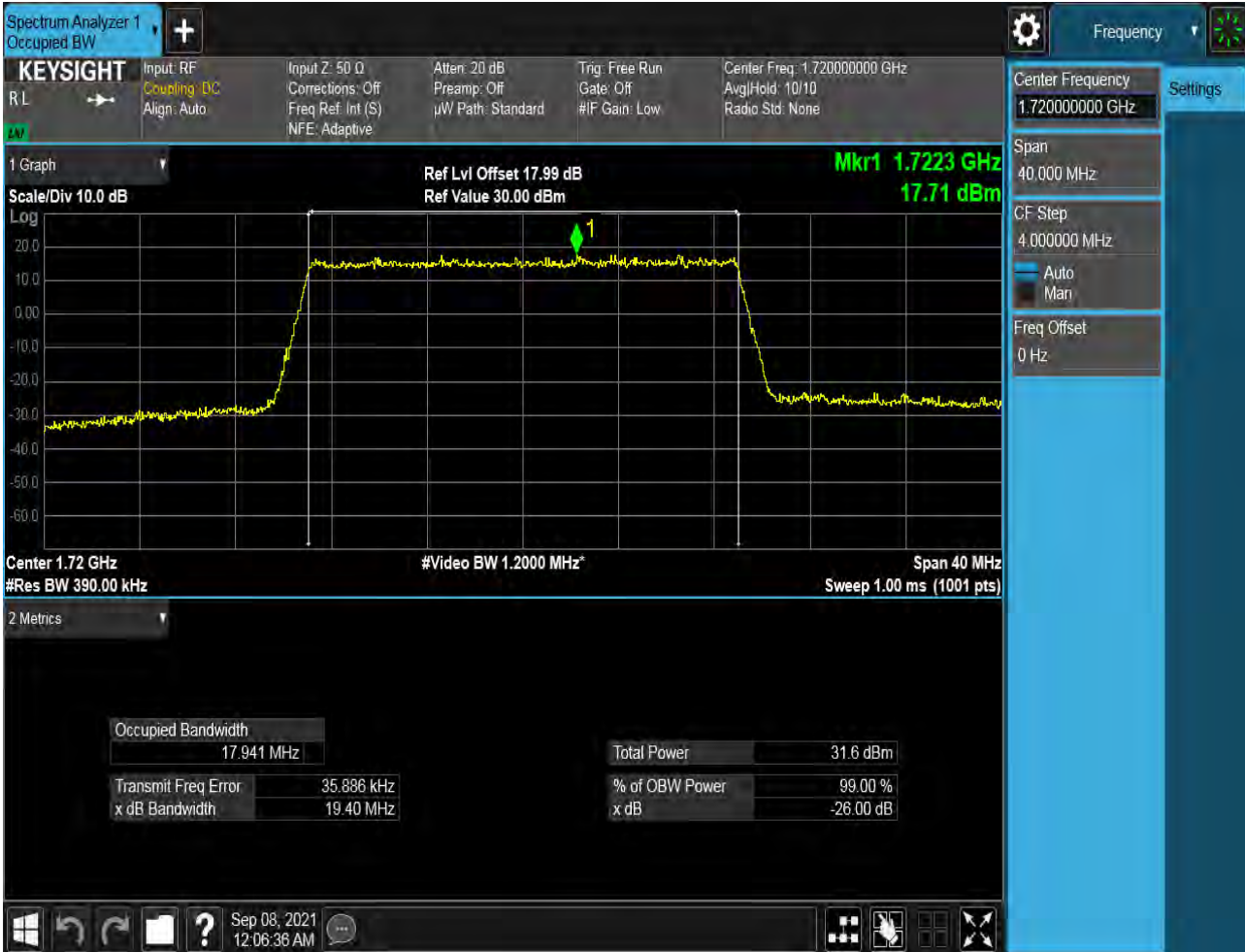
##### 4.1.1.1.5.3.1 Test RB = RB75#0



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

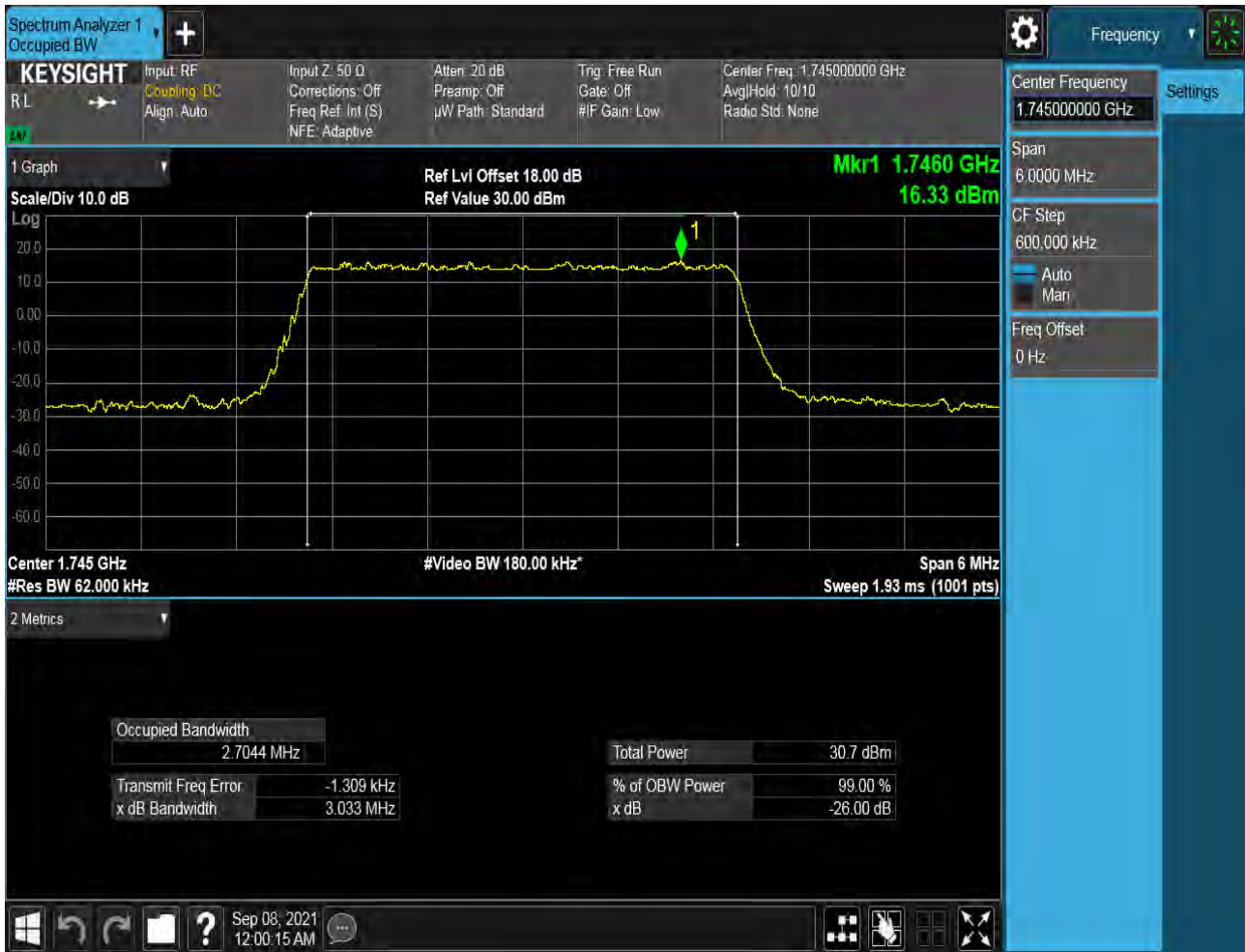
4.1.1.2.2.1.1 Test RB = RB15#0





## 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

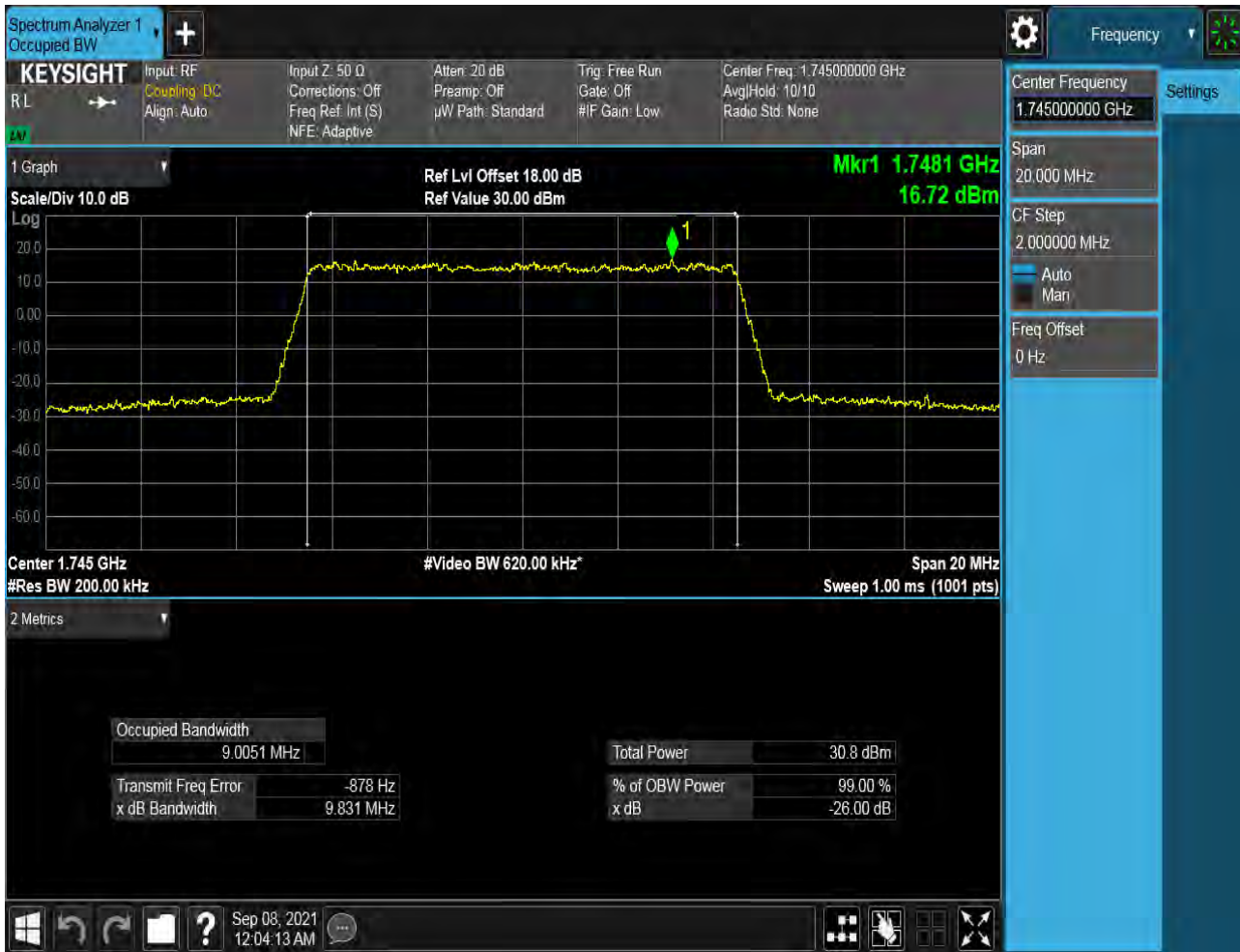
4.1.1.2.4.1 Test Channel = LCH

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 = Band66

##### 5.1.1.1 Test Mode = LTE/TM1

##### 5.1.1.1.1 Test Bandwidth = 1.4

##### 5.1.1.1.1.1 Test Channel = LCH

##### 5.1.1.1.1.1.1 Test RB = RB1#0





## 5.1.1.1.1.2 Test RB = RB1#5



## 5.1.1.1.1.3 Test RB = RB3#2





## 5.1.1.1.1.4 Test RB = RB6#0



## 5.1.1.1.1.2 Test Channel = HCH

## 5.1.1.1.1.2.1 Test RB = RB1#0



## 5.1.1.1.2.2 Test RB = RB1#5

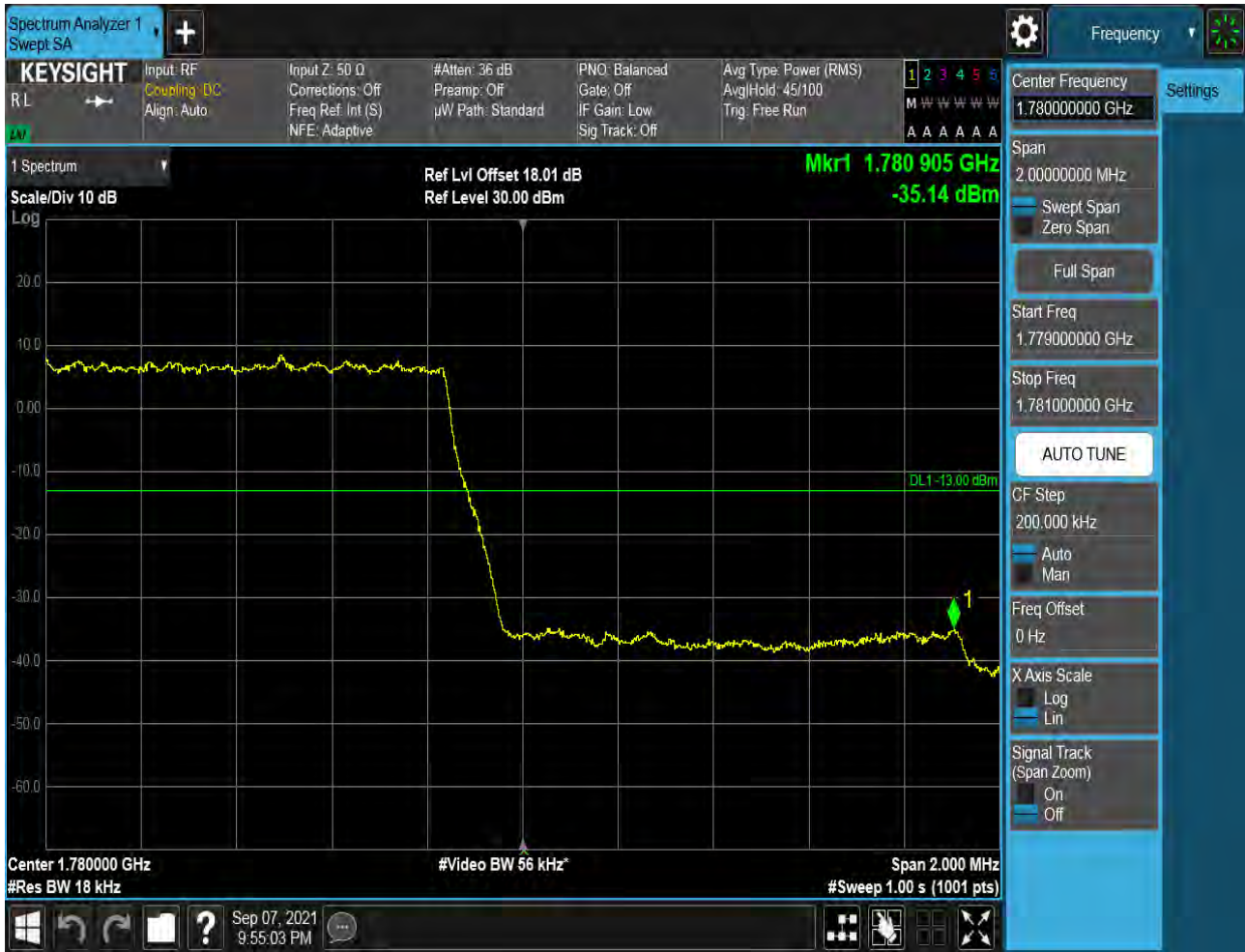


## 5.1.1.1.1.2.3 Test RB = RB3#2





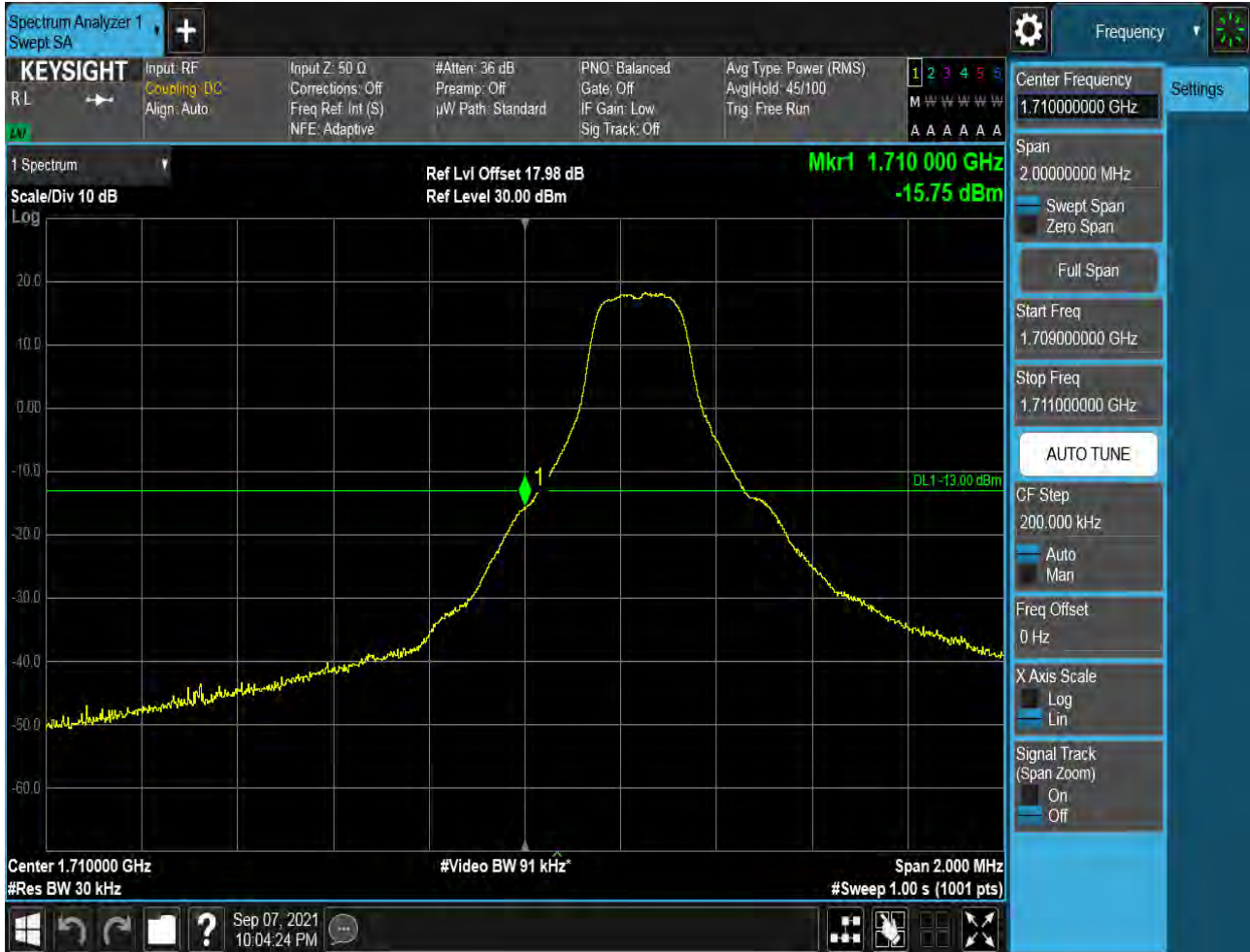
## 5.1.1.1.2.4 Test RB = RB6#0



### 5.1.1.1.2 Test Bandwidth = 3

#### 5.1.1.1.2.1 Test Channel = LCH

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





## 5.1.1.1.2.1.2 Test RB = RB1#14



## 5.1.1.1.2.1.3 Test RB = RB8#4

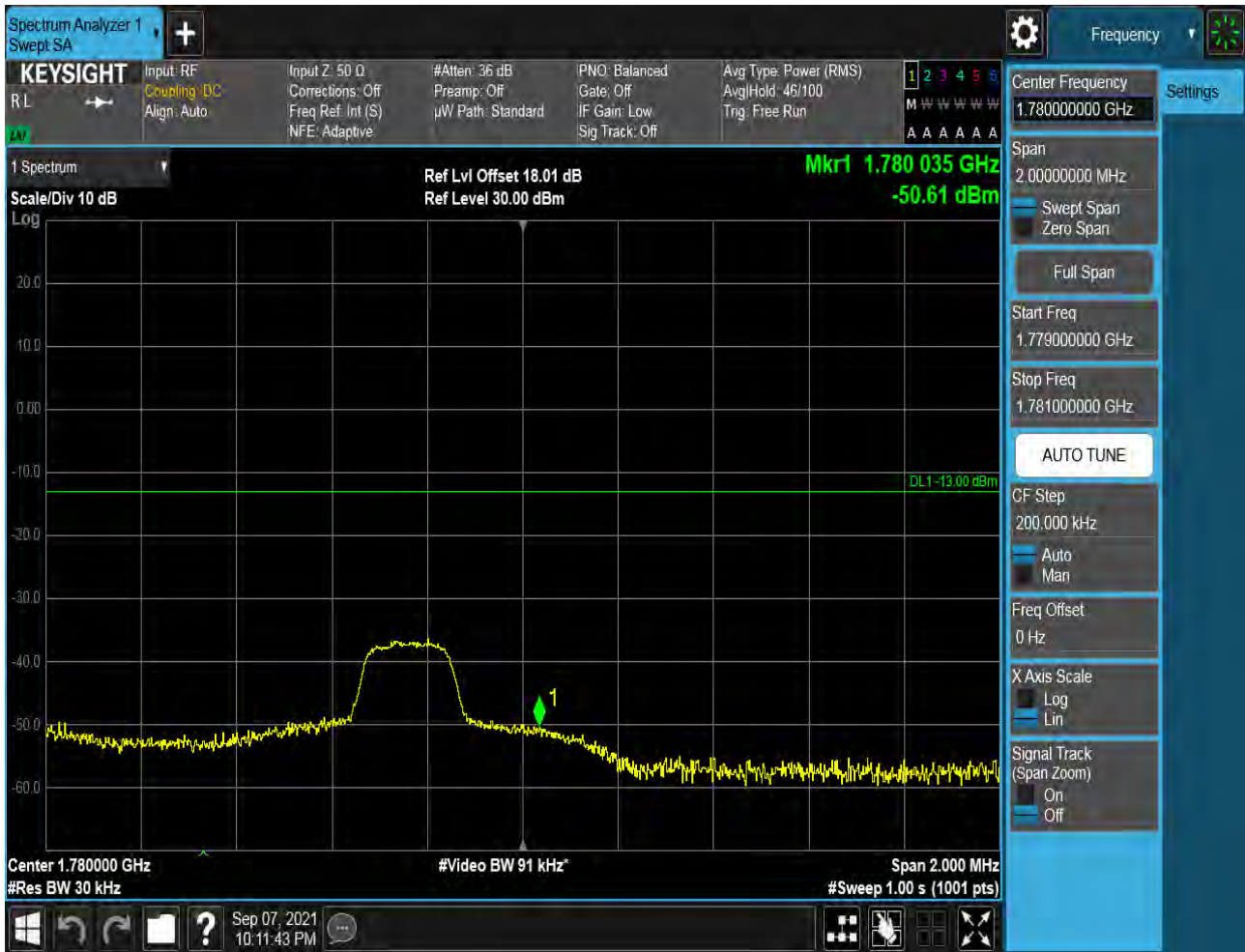


## 5.1.1.1.2.1.4 Test RB = RB15#0



## 5.1.1.1.2.2 Test Channel = HCH

## 5.1.1.1.2.2.1 Test RB = RB1#0







## 5.1.1.1.2.2.3 Test RB = RB#4





## 5.1.1.1.2.2.4 Test RB = RB15#0





## 5.1.1.1.3.1.2 Test RB = RB1#24



## 5.1.1.1.3.1.3 Test RB = RB12#6



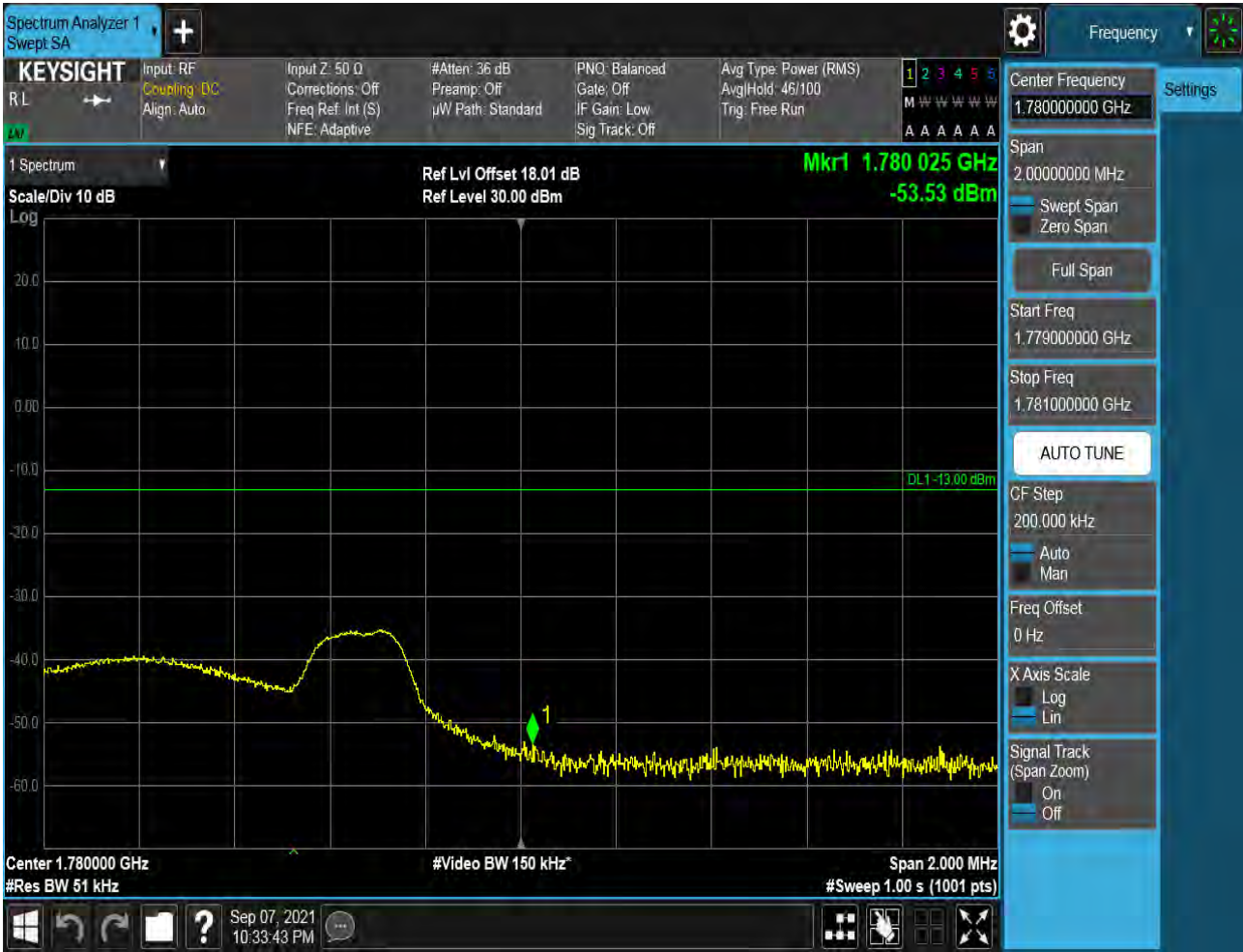


## 5.1.1.1.3.1.4 Test RB = RB25#0



## 5.1.1.1.3.2 Test Channel = HCH

## 5.1.1.1.3.2.1 Test RB = RB1#0





## 5.1.1.1.3.2.2 Test RB = RB1#24



## 5.1.1.1.3.2.3 Test RB = RB12#6



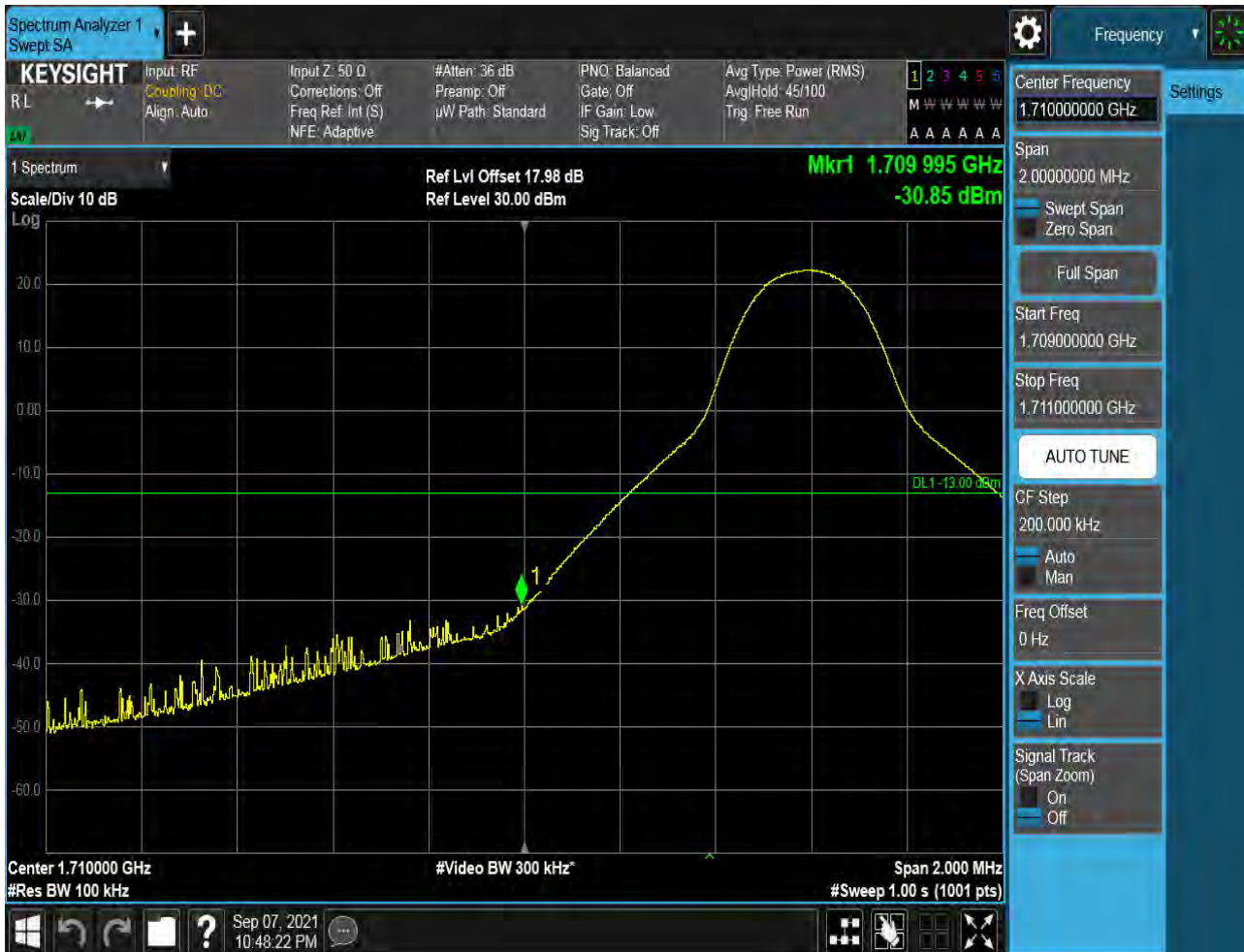
## 5.1.1.1.3.2.4 Test RB = RB25#0



### 5.1.1.1.4 Test Bandwidth = 10

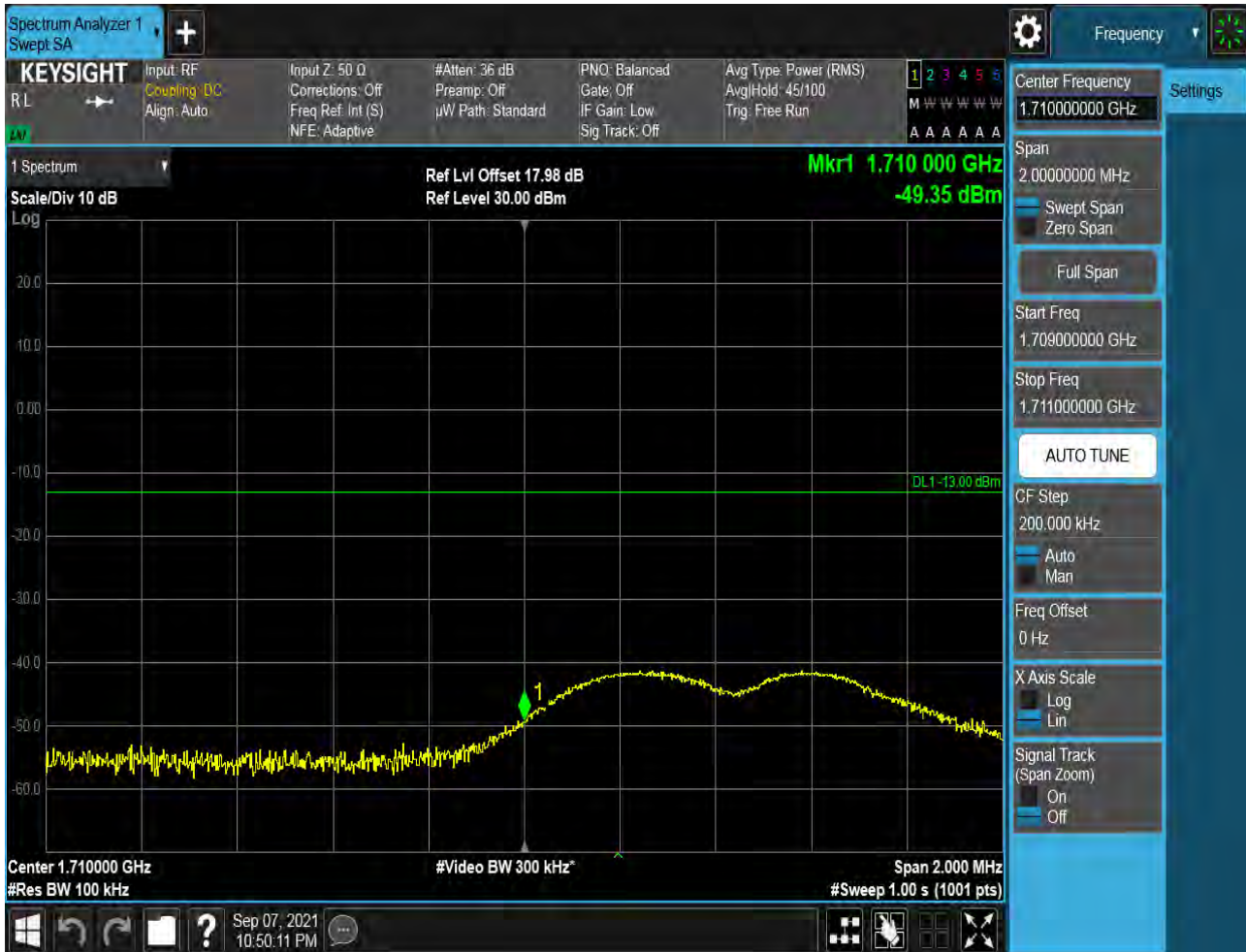
#### 5.1.1.1.4.1 Test Channel = LCH

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



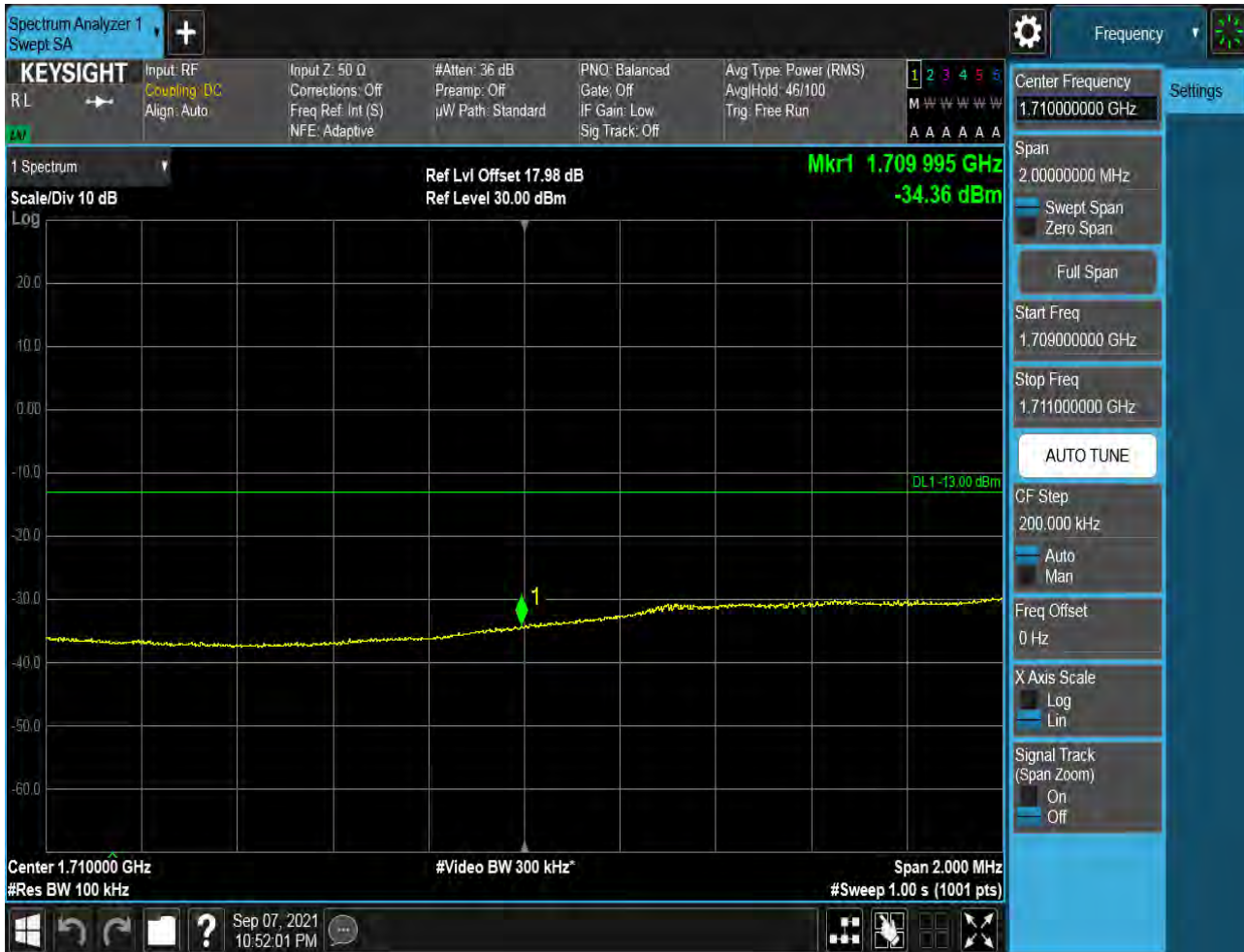


## 5.1.1.1.4.1.2 Test RB = RB1#49





## 5.1.1.1.4.1.3 Test RB = RB25#13

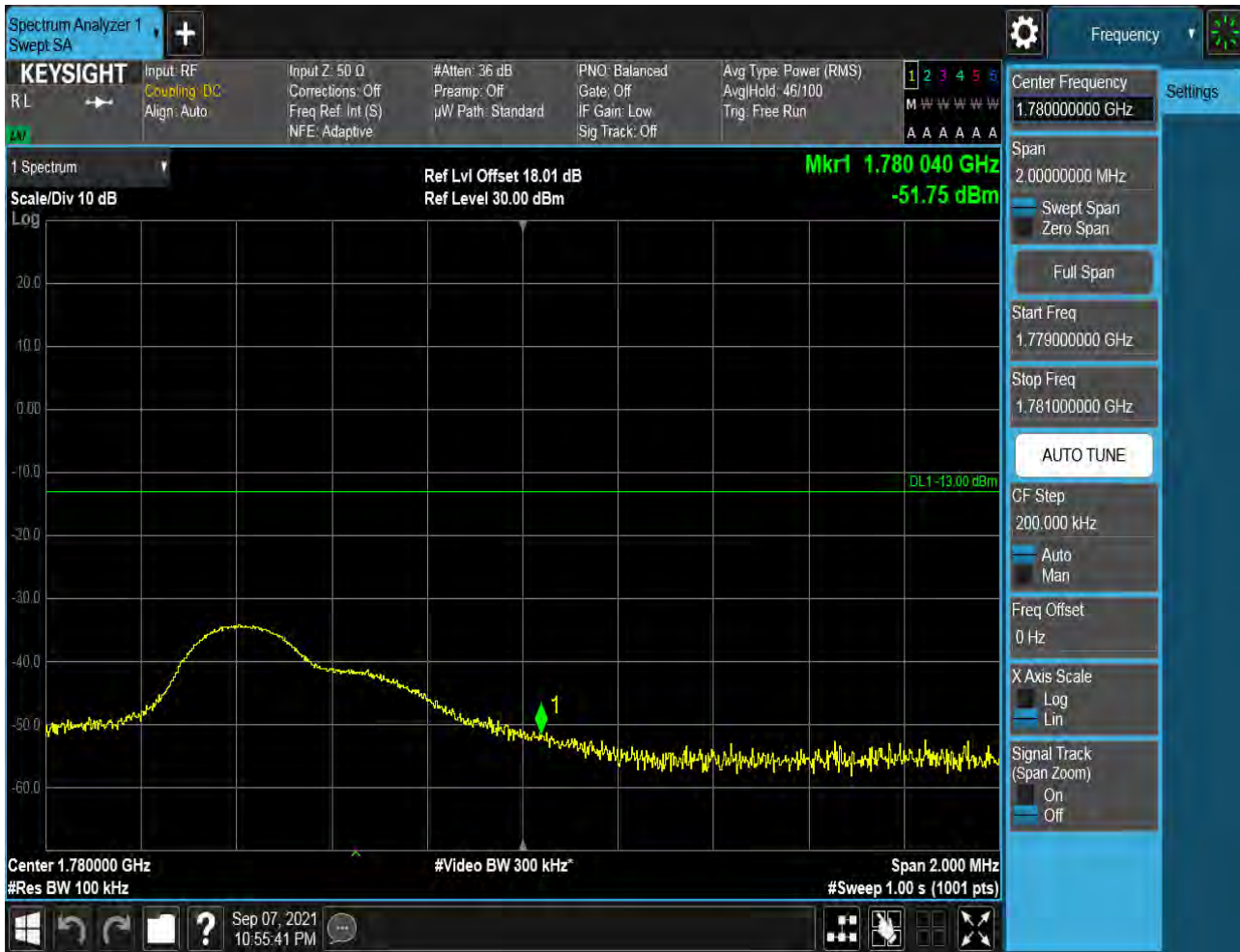


## 5.1.1.1.4.1.4 Test RB = RB50#0

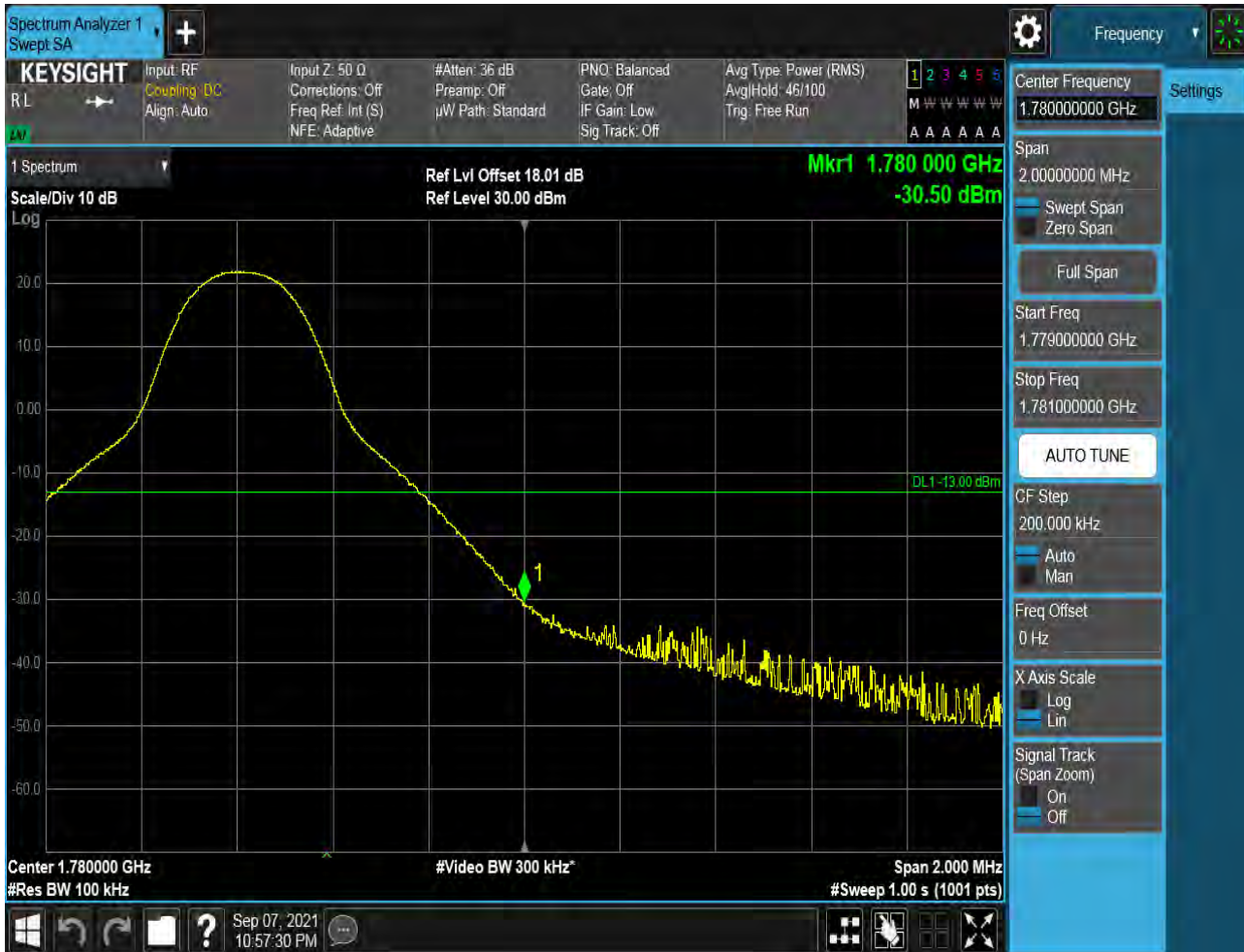


## 5.1.1.1.4.2 Test Channel = HCH

## 5.1.1.1.4.2.1 Test RB = RB1#0



## 5.1.1.1.4.2.2 Test RB = RB1#49





## 5.1.1.1.4.2.3 Test RB = RB25#13





## 5.1.1.1.4.2.4 Test RB = RB50#0



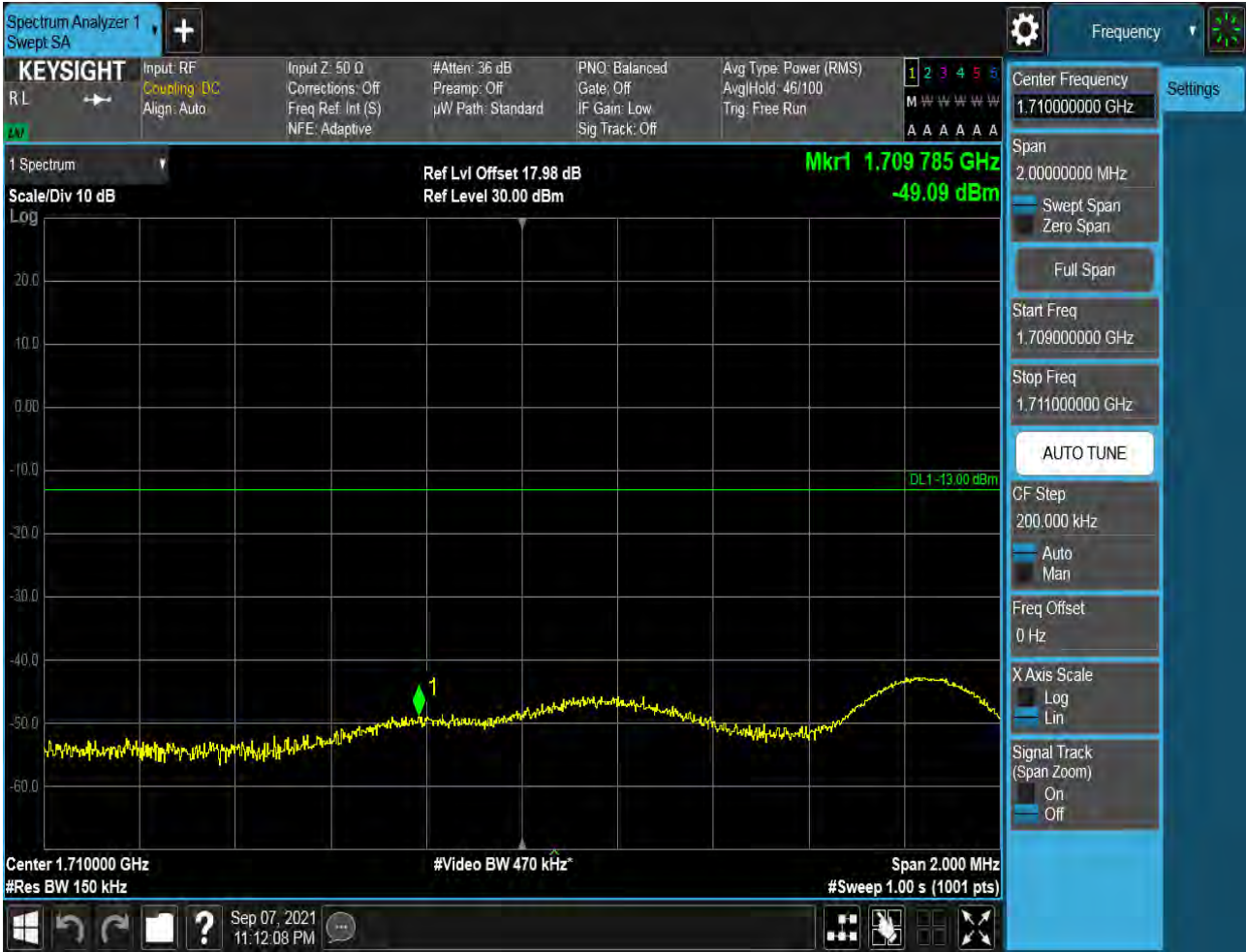
## 5.1.1.1.5 Test Bandwidth = 15

## 5.1.1.1.5.1 Test Channel = LCH

## 5.1.1.1.5.1.1 Test RB = RB1#0



## 5.1.1.1.5.1.2 Test RB = RB1#74



## 5.1.1.1.5.1.3 Test RB = RB38#19





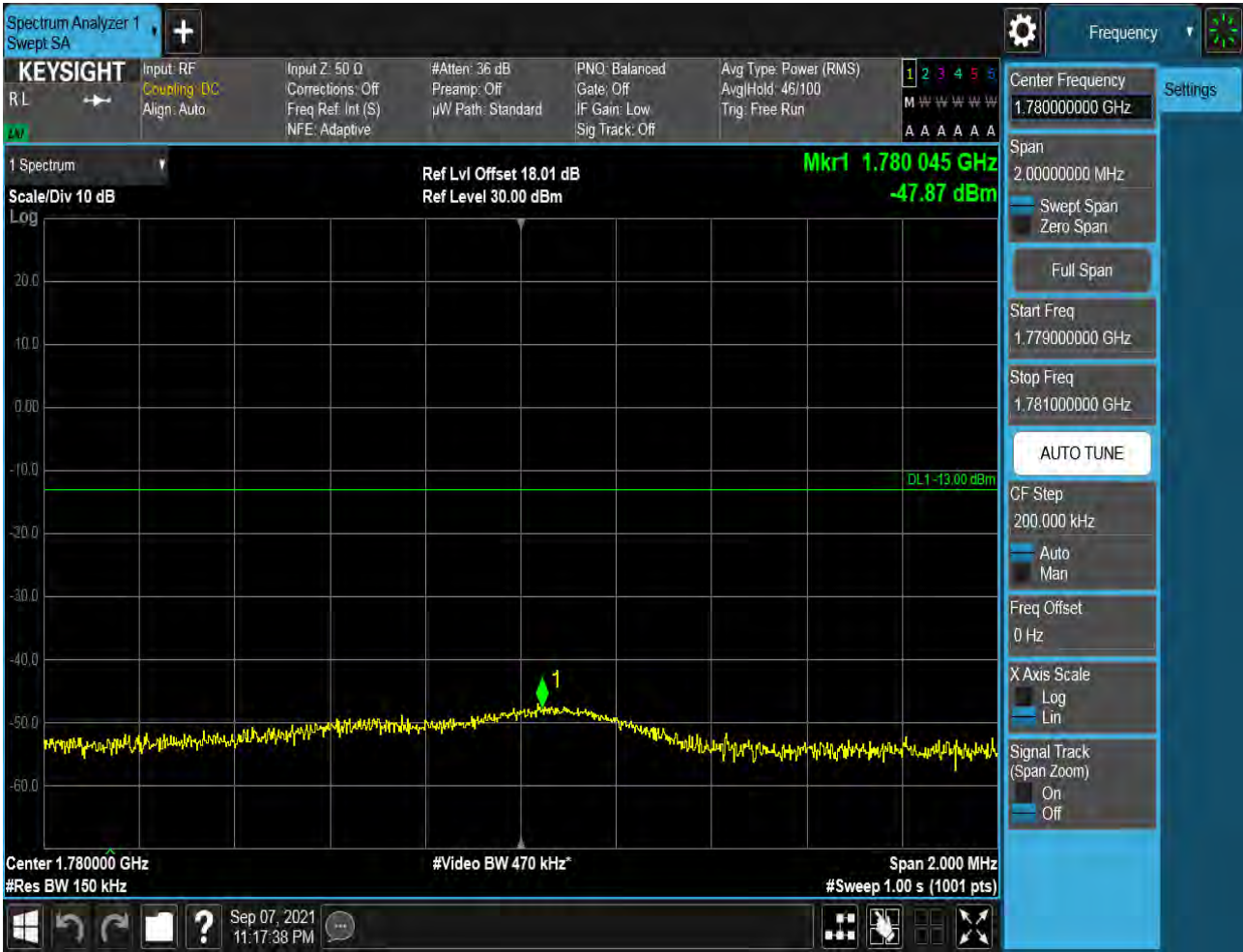
## 5.1.1.1.5.1.4 Test RB = RB75#0





## 5.1.1.1.5.2 Test Channel = HCH

## 5.1.1.1.5.2.1 Test RB = RB1#0



## 5.1.1.1.5.2.2 Test RB = RB1#74



## 5.1.1.1.5.2.3 Test RB = RB38#19







## 5.1.1.1.6 Test Bandwidth = 20

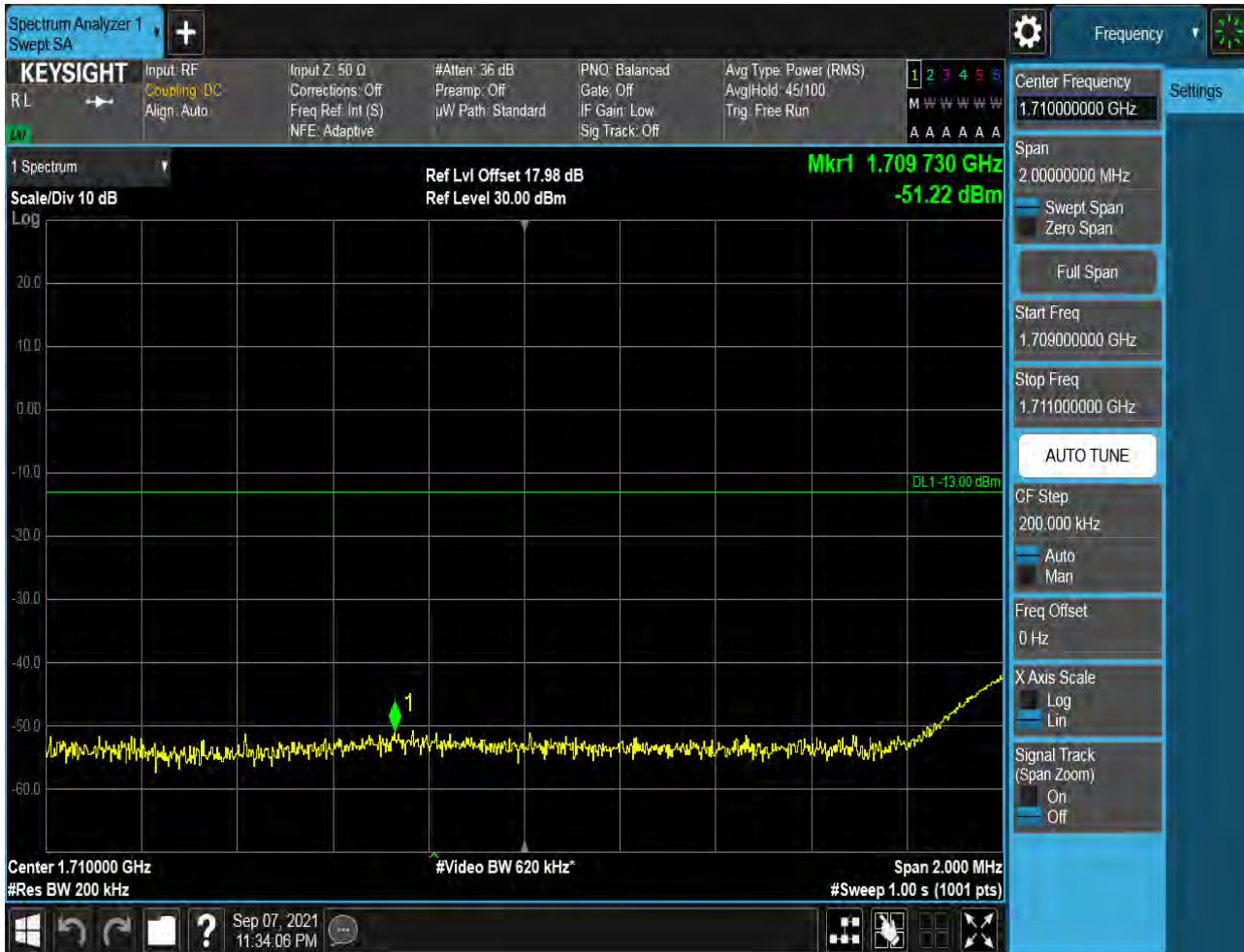
## 5.1.1.1.6.1 Test Channel = LCH

## 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

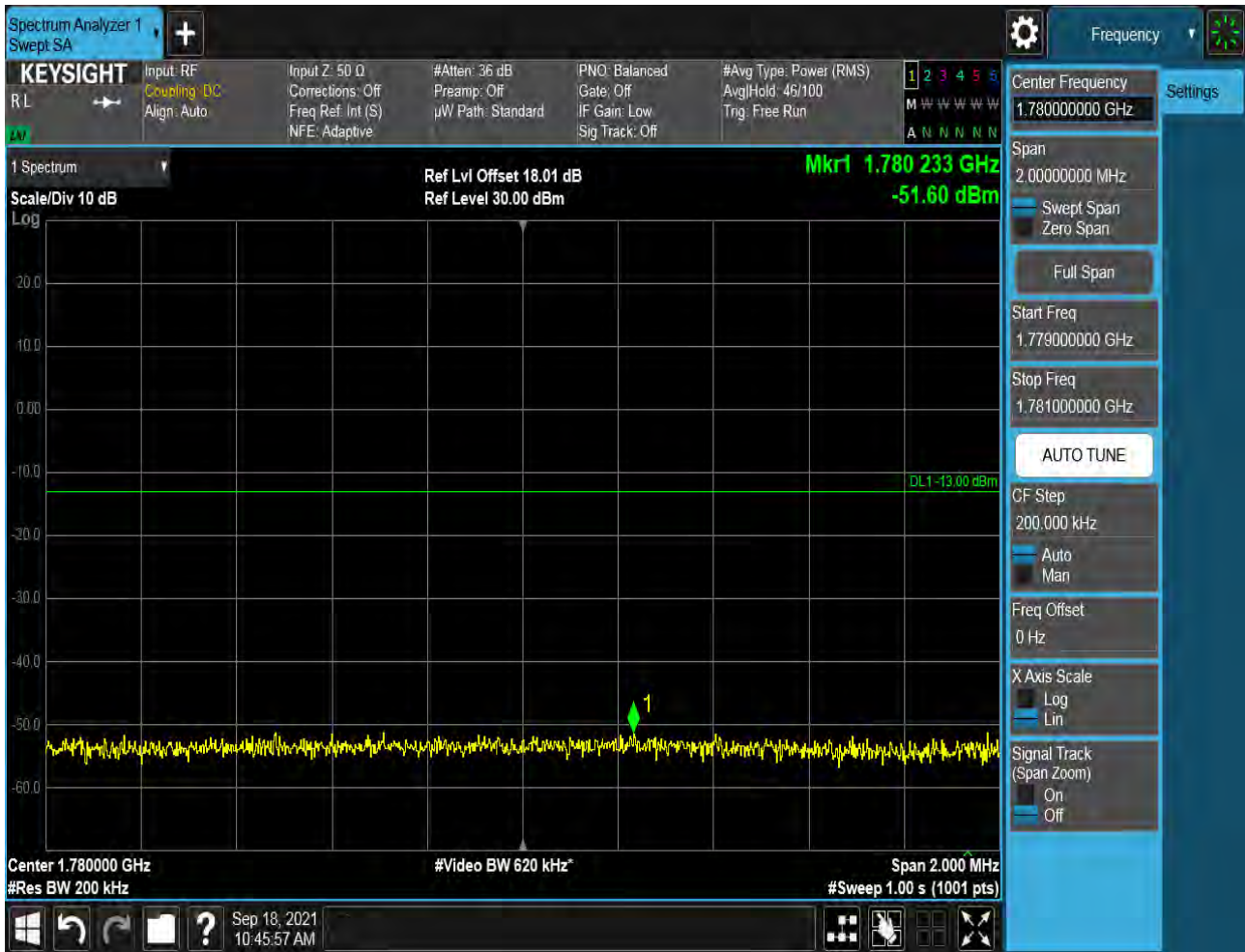


## 5.1.1.1.6.1.4 Test RB = RB100#0



## 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

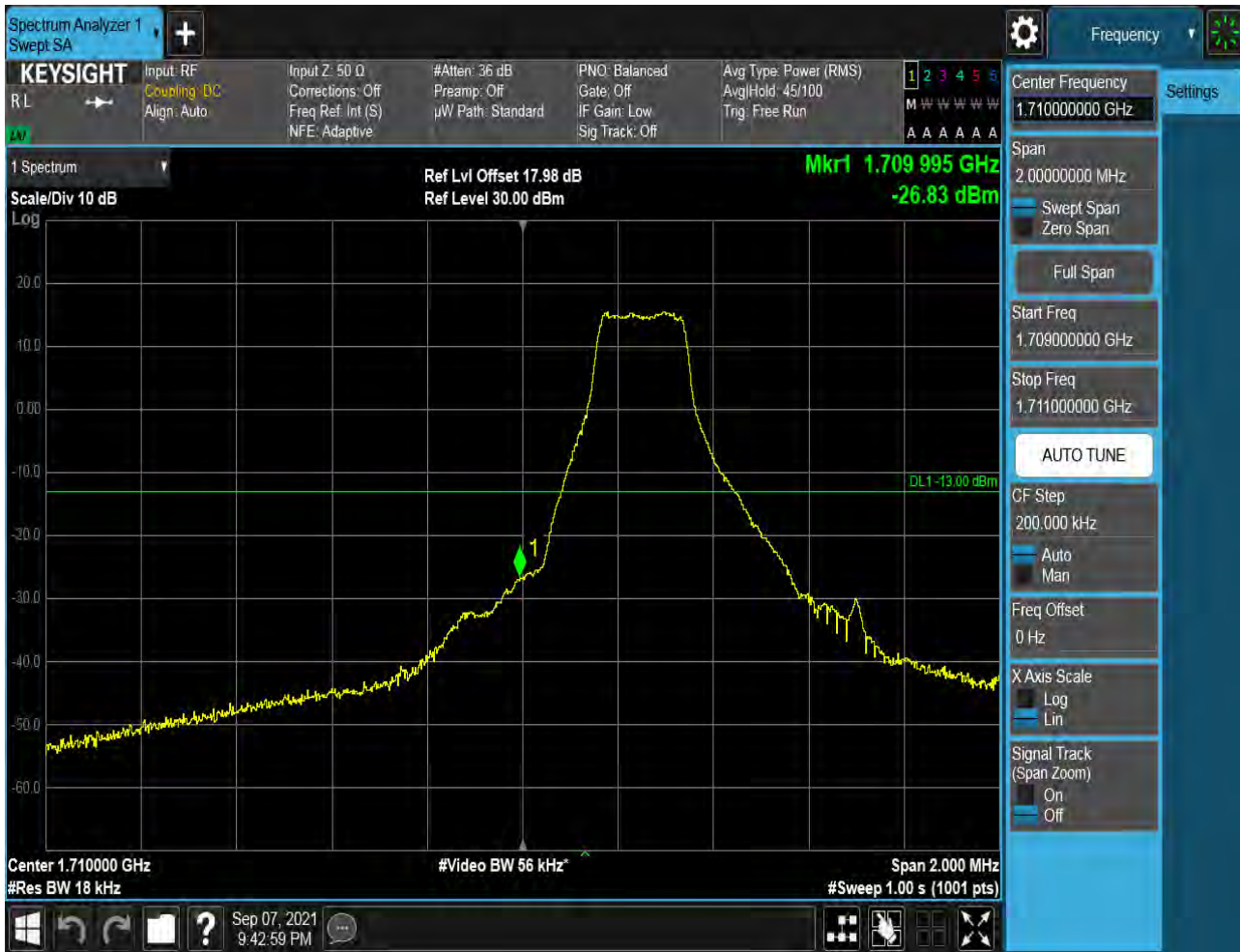


### 5.1.1.2 Test Mode = LTE/TM2

#### 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





## 5.1.1.2.1.2.3 Test RB = RB3#2





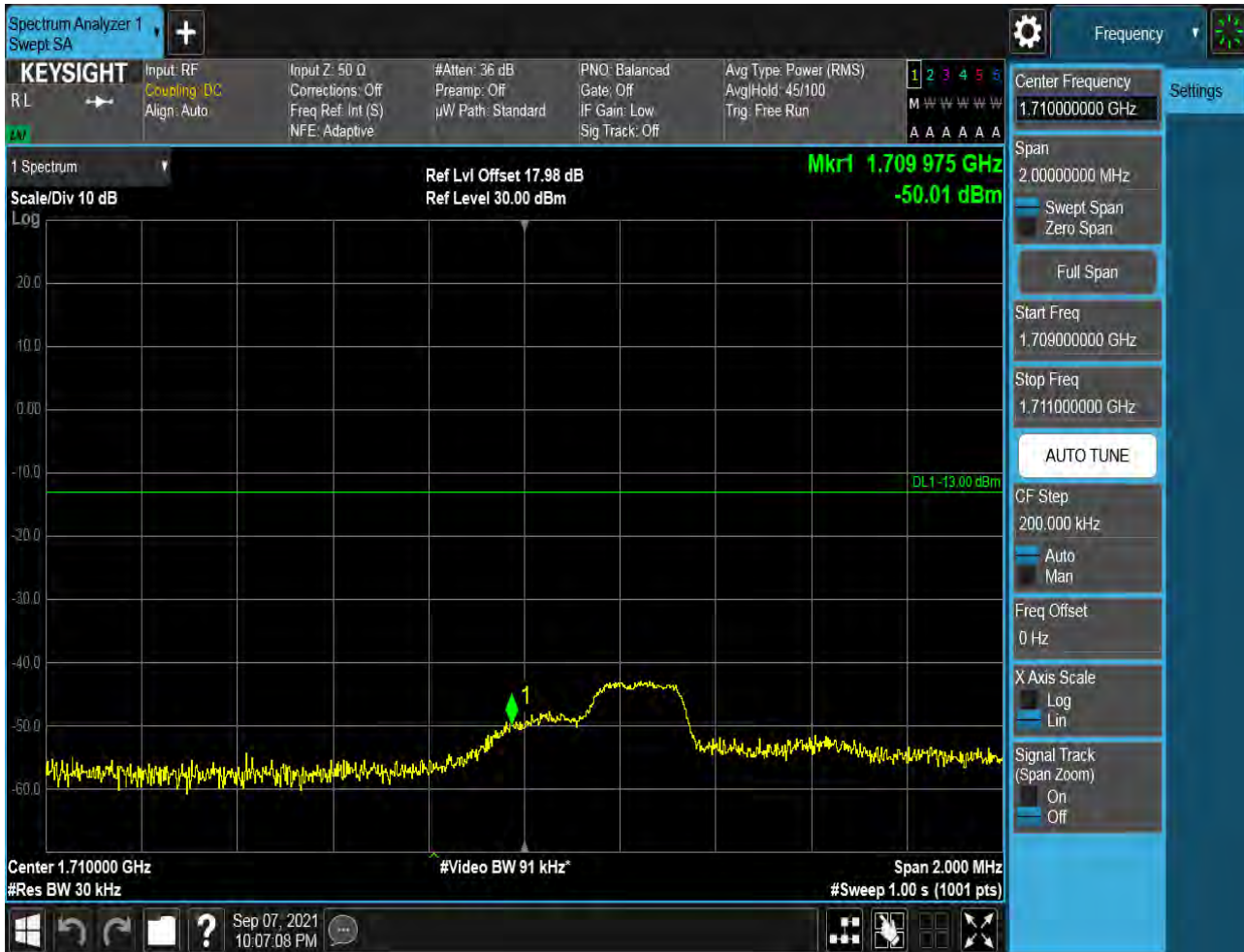
## 5.1.1.2.1.2.4 Test RB = RB6#0







## 5.1.1.2.2.1.2 Test RB = RB1#14



## 5.1.1.2.2.1.3 Test RB = RB8#4



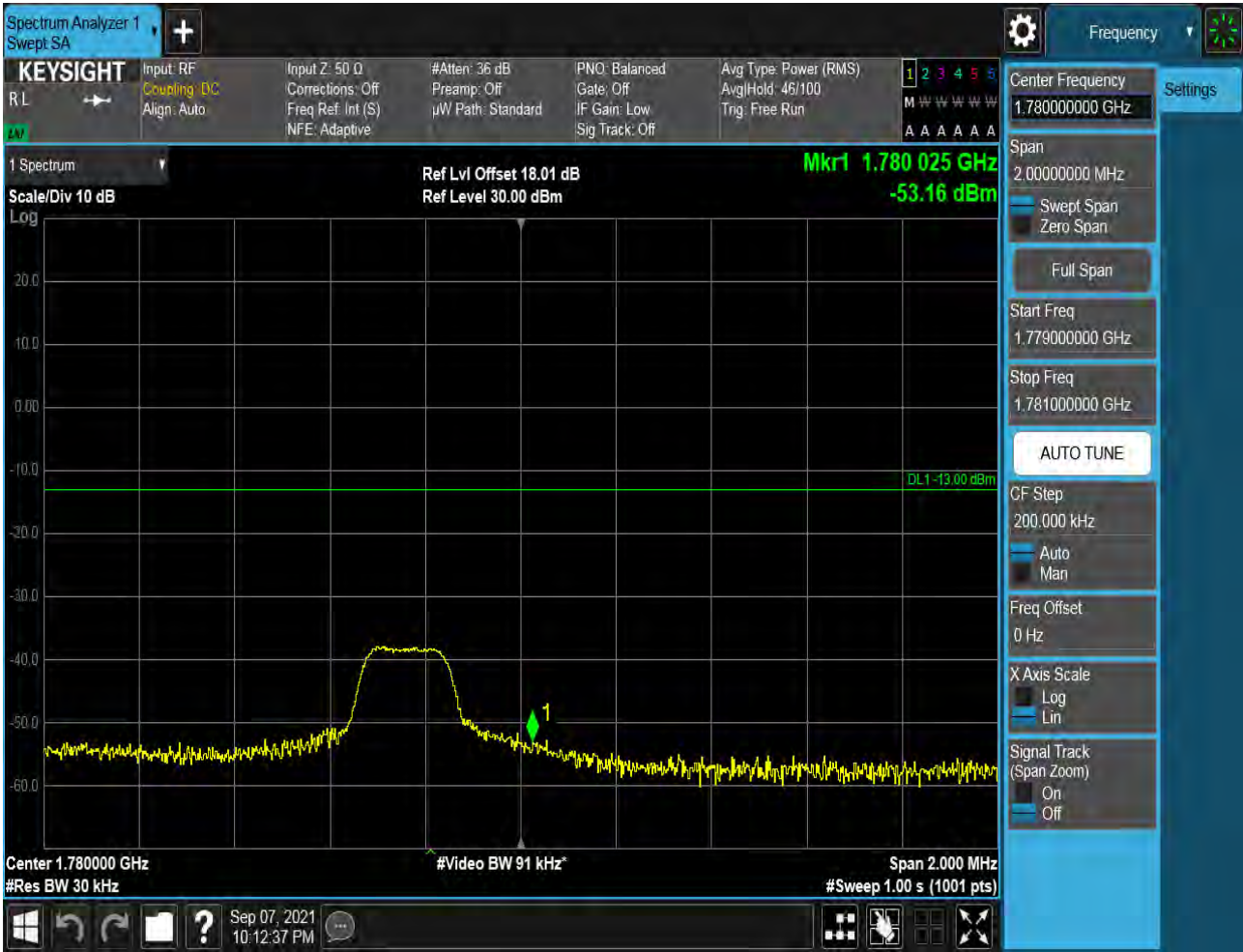
## 5.1.1.2.2.1.4 Test RB = RB15#0





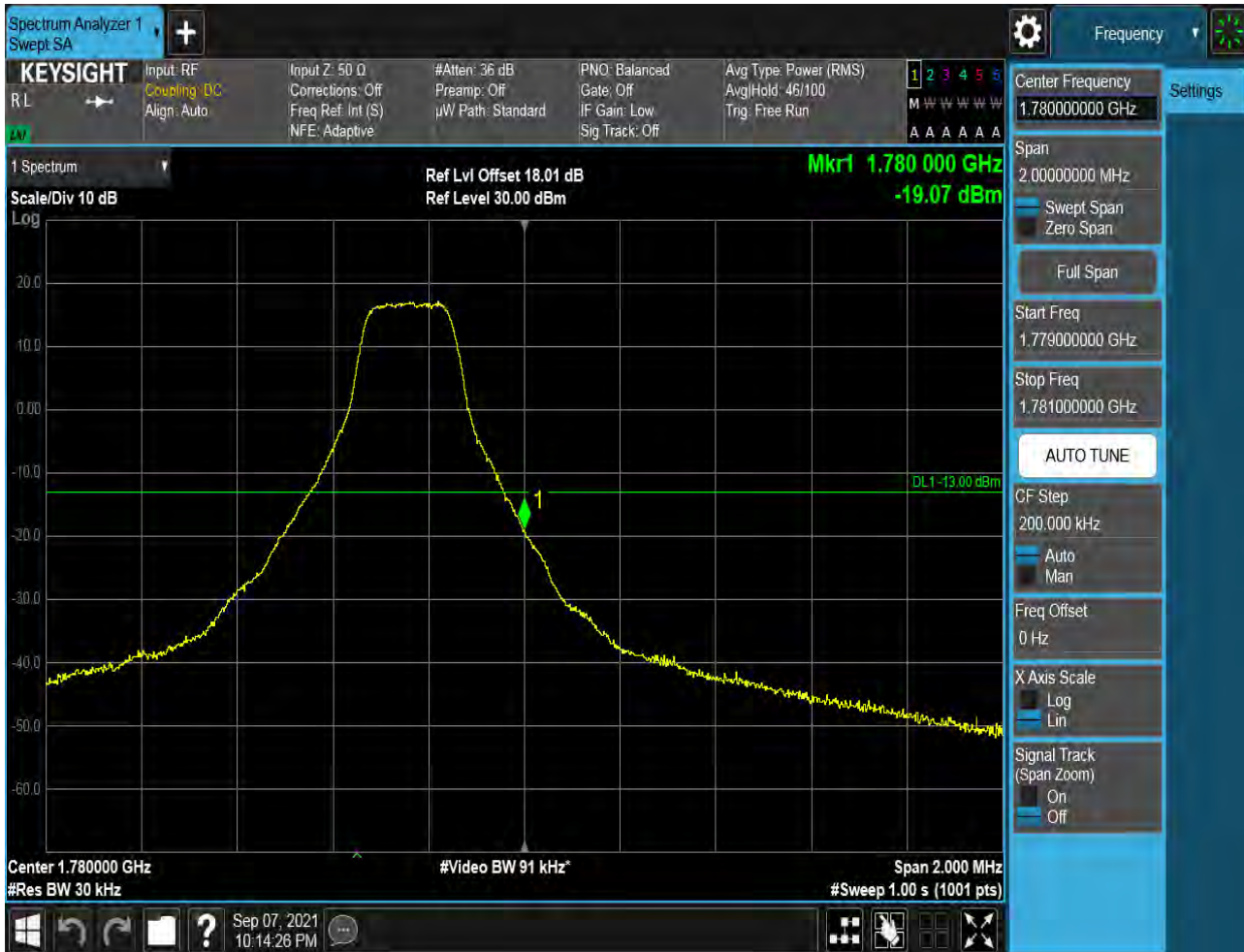
## 5.1.1.2.2.2 Test Channel = HCH

## 5.1.1.2.2.2.1 Test RB = RB1#0





## 5.1.1.2.2.2 Test RB = RB1#14



## 5.1.1.2.2.3 Test RB = RB8#4



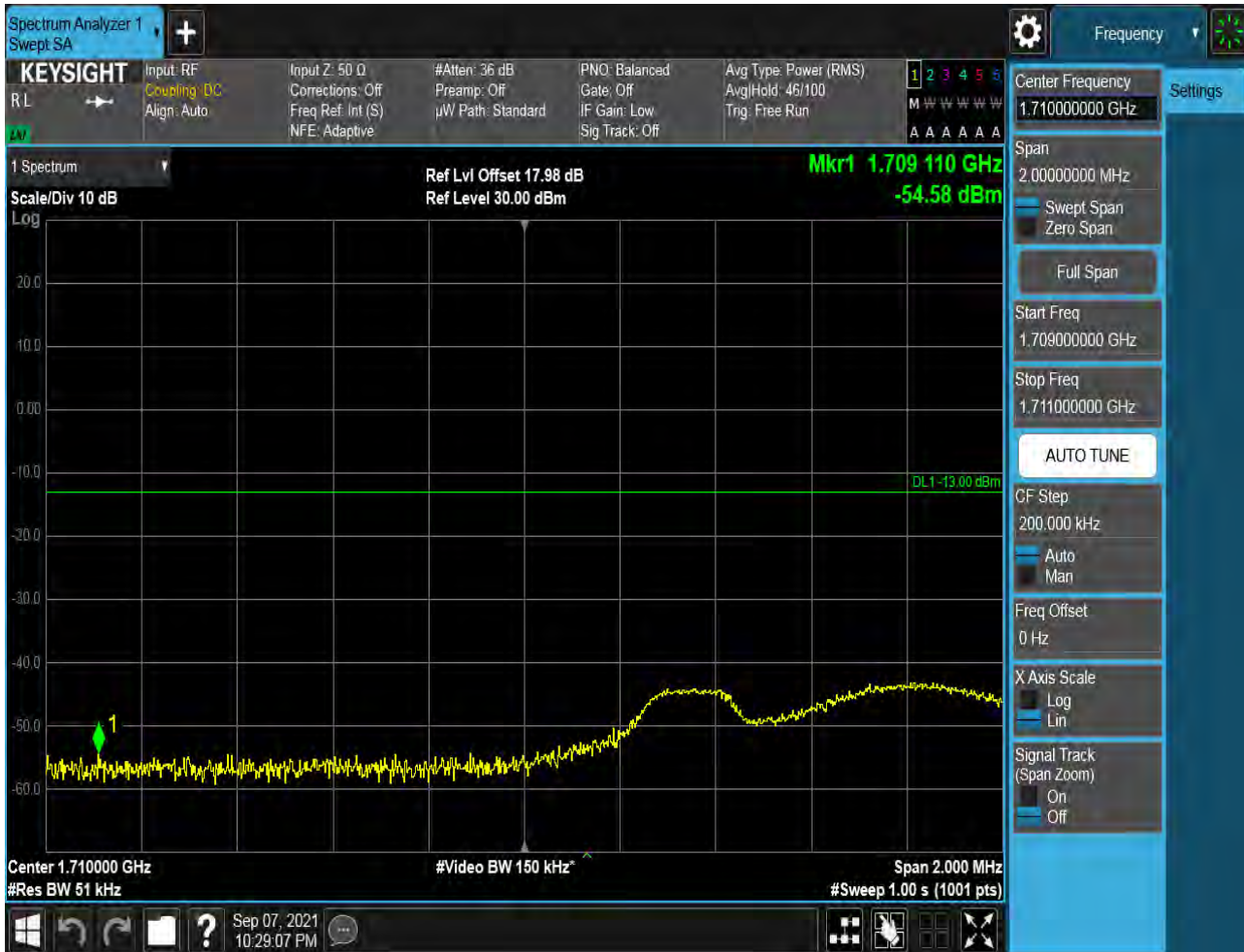
## 5.1.1.2.2.4 Test RB = RB15#0







## 5.1.1.2.3.1.2 Test RB = RB1#24





## 5.1.1.2.3.1.3 Test RB = RB12#6

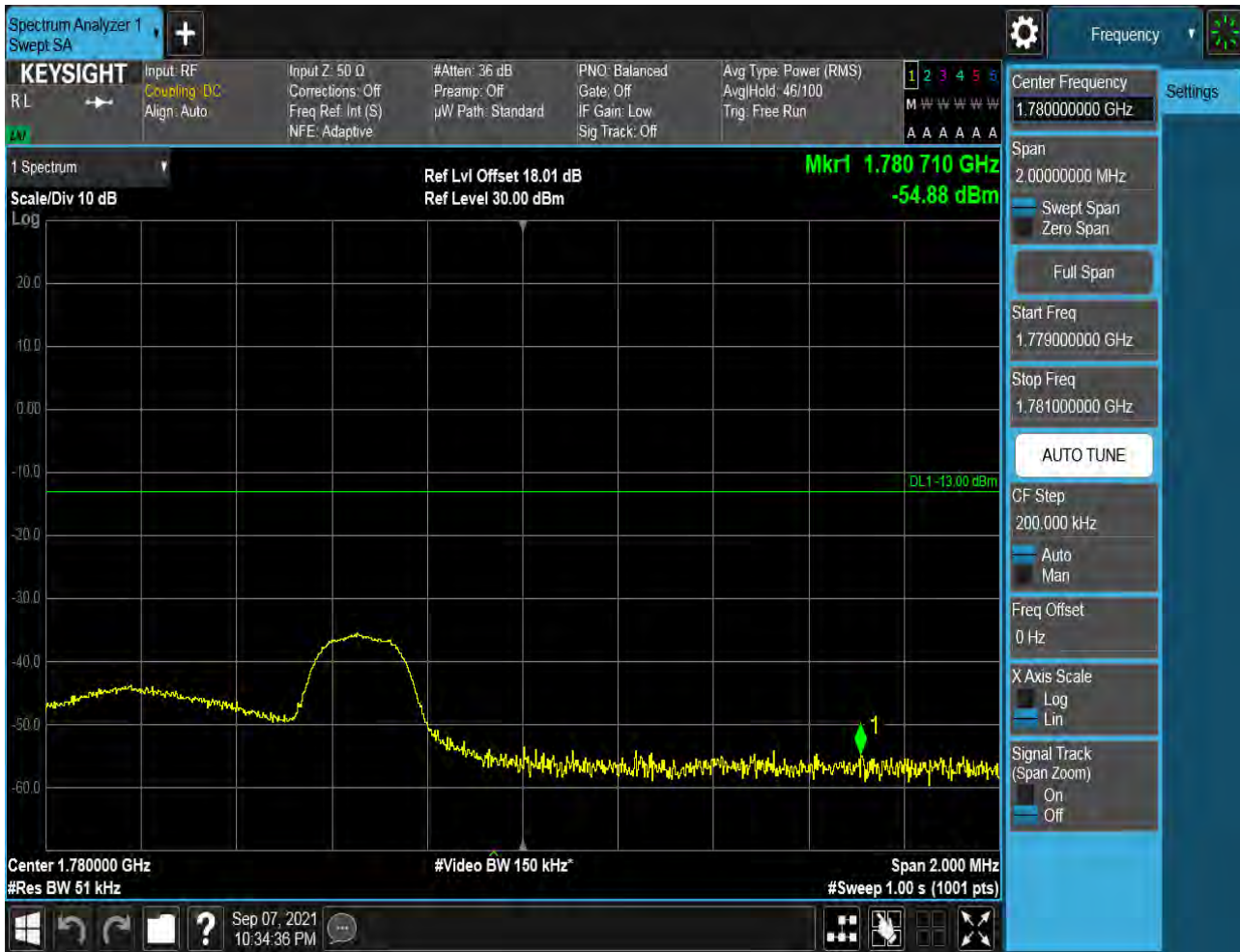


## 5.1.1.2.3.1.4 Test RB = RB25#0



### 5.1.1.2.3.2 Test Channel = HCH

#### 5.1.1.2.3.2.1 Test RB = RB1#0







## 5.1.1.2.3.2.3 Test RB = RB12#6





## 5.1.1.2.3.2.4 Test RB = RB25#0



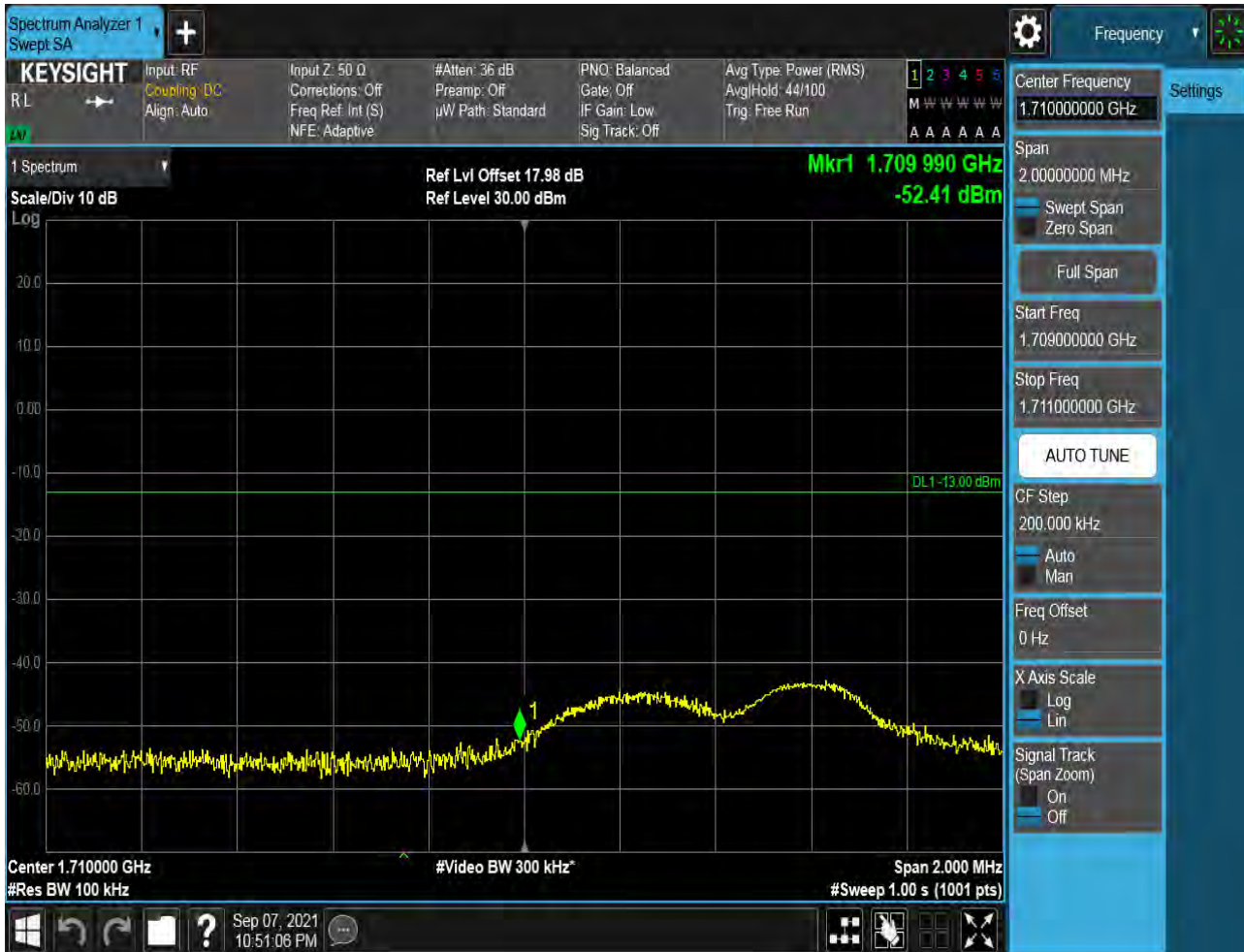
### 5.1.1.2.4 Test Bandwidth = 10

#### 5.1.1.2.4.1 Test Channel = LCH

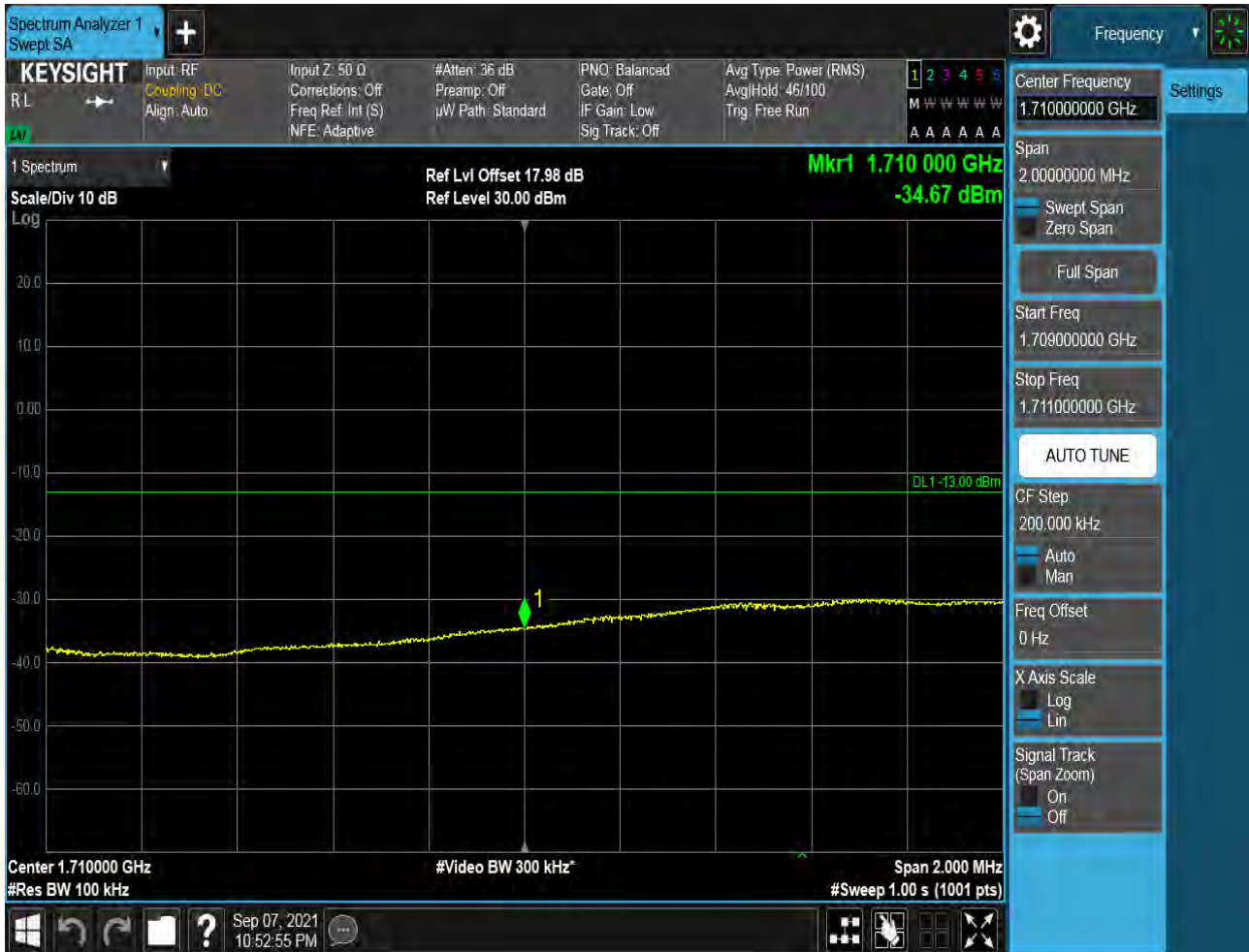
##### 5.1.1.2.4.1.1 Test RB = RB1#0



## 5.1.1.2.4.1.2 Test RB = RB1#49



## 5.1.1.2.4.1.3 Test RB = RB25#13





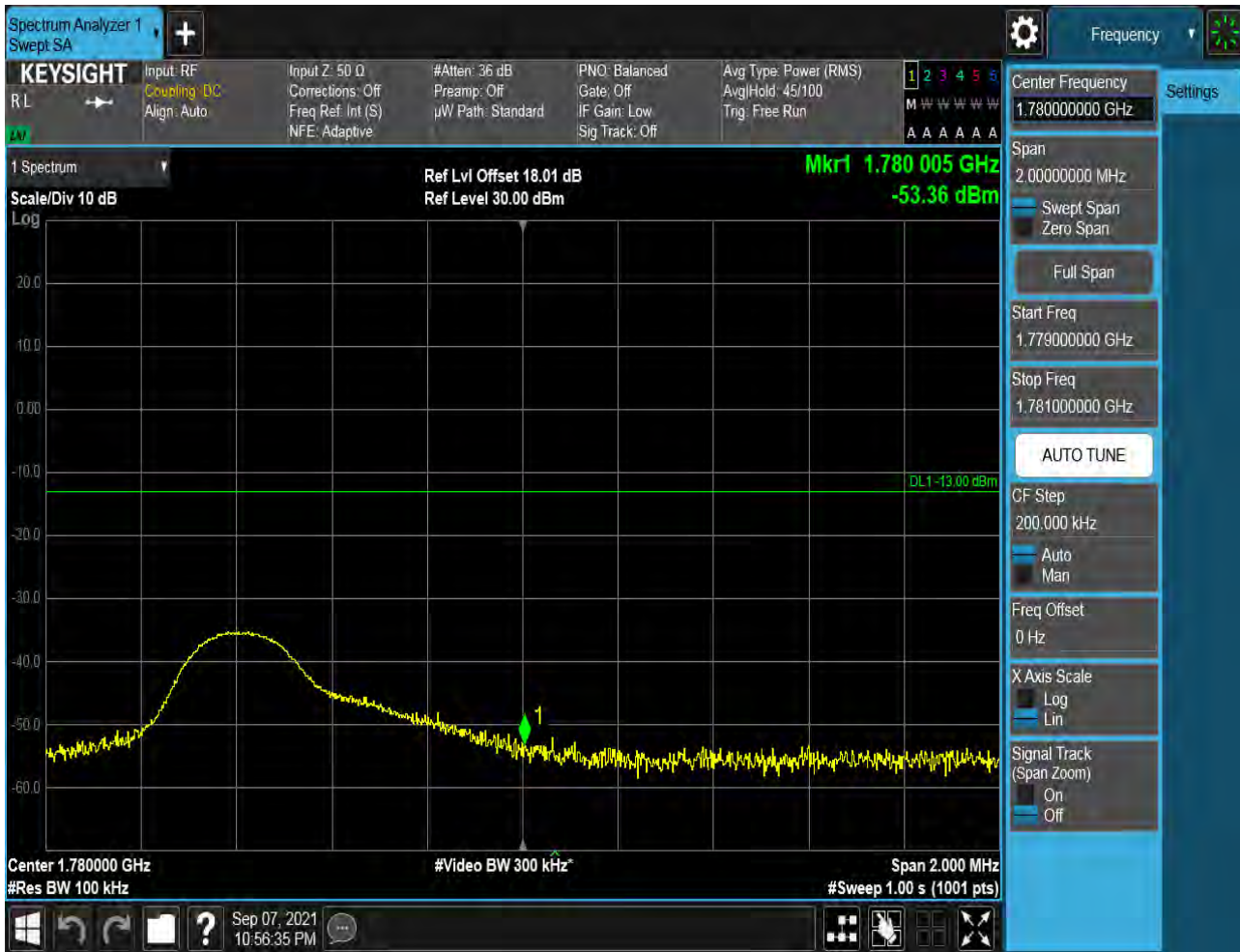
## 5.1.1.2.4.1.4 Test RB = RB50#0





## 5.1.1.2.4.2 Test Channel = HCH

## 5.1.1.2.4.2.1 Test RB = RB1#0



## 5.1.1.2.4.2.2 Test RB = RB1#49



## 5.1.1.2.4.2.3 Test RB = RB25#13



## 5.1.1.2.4.2.4 Test RB = RB50#0





### 5.1.1.2.5 Test Bandwidth = 15

#### 5.1.1.2.5.1 Test Channel = LCH

##### 5.1.1.2.5.1.1 Test RB = RB1#0

