

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
Band4	LTE/TM1	1.4	LCH	RB1#0	23.29	22.69	30	PASS
				RB1#3	23.30	22.70	30	PASS
				RB1#5	23.28	22.68	30	PASS
				RB3#0	23.29	22.69	30	PASS
				RB3#2	23.32	22.72	30	PASS
				RB3#3	23.29	22.69	30	PASS
				RB6#0	22.36	21.76	30	PASS
			MCH	RB1#0	23.29	22.69	30	PASS
				RB1#3	23.43	22.83	30	PASS
				RB1#5	23.31	22.71	30	PASS
				RB3#0	23.27	22.67	30	PASS
				RB3#2	23.27	22.67	30	PASS
				RB3#3	23.30	22.70	30	PASS
				RB6#0	22.41	21.81	30	PASS
HCH	RB1#0	23.20	22.60	30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#3	23.24	22.64	30	PASS	
				RB1#5	23.22	22.62	30	PASS	
				RB3#0	23.26	22.66	30	PASS	
				RB3#2	23.24	22.64	30	PASS	
				RB3#3	23.21	22.61	30	PASS	
				RB6#0	22.32	21.72	30	PASS	
		3	LCH	RB1#0	23.40	22.80	30	PASS	
				RB1#7	23.36	22.76	30	PASS	
				RB1#14	23.35	22.75	30	PASS	
				RB8#0	22.46	21.86	30	PASS	
				RB8#4	22.43	21.83	30	PASS	
				RB8#7	22.43	21.83	30	PASS	
				RB15#0	22.43	21.83	30	PASS	
				MCH	RB1#0	23.35	22.75	30	PASS
					RB1#7	23.29	22.69	30	PASS
					RB1#14	23.36	22.76	30	PASS
RB8#0	22.46	21.86	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#4	22.52	21.92	30	PASS
				RB8#7	22.46	21.86	30	PASS
				RB15#0	22.46	21.86	30	PASS
			HCH	RB1#0	23.32	22.72	30	PASS
				RB1#7	23.20	22.60	30	PASS
				RB1#14	23.28	22.68	30	PASS
				RB8#0	22.37	21.77	30	PASS
				RB8#4	22.42	21.82	30	PASS
				RB8#7	22.42	21.82	30	PASS
				RB15#0	22.41	21.81	30	PASS
			LCH	RB1#0	23.43	22.83	30	PASS
				RB1#13	23.39	22.79	30	PASS
				RB1#24	23.38	22.78	30	PASS
				RB12#0	22.48	21.88	30	PASS
				RB12#6	22.48	21.88	30	PASS
RB12#13	22.43	21.83		30	PASS			
RB25#0	22.51	21.91		30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	23.40	22.80	30	PASS
				RB1#13	23.46	22.86	30	PASS
				RB1#24	23.39	22.79	30	PASS
				RB12#0	22.46	21.86	30	PASS
				RB12#6	22.46	21.86	30	PASS
				RB12#13	22.50	21.90	30	PASS
				RB25#0	22.48	21.88	30	PASS
			HCH	RB1#0	23.36	22.76	30	PASS
				RB1#13	23.35	22.75	30	PASS
				RB1#24	23.32	22.72	30	PASS
				RB12#0	22.49	21.89	30	PASS
				RB12#6	22.49	21.89	30	PASS
				RB12#13	22.45	21.85	30	PASS
				RB25#0	22.45	21.85	30	PASS
		10	LCH	RB1#0	23.40	22.80	30	PASS
RB1#25	23.32	22.72		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	22.50	21.90	30	PASS
				RB25#13	22.50	21.90	30	PASS
				RB25#25	22.45	21.85	30	PASS
				RB50#0	22.50	21.90	30	PASS
			MCH	RB1#0	23.40	22.80	30	PASS
				RB1#25	23.38	22.78	30	PASS
				RB1#49	23.35	22.75	30	PASS
				RB25#0	22.48	21.88	30	PASS
				RB25#13	22.47	21.87	30	PASS
				RB25#25	22.44	21.84	30	PASS
				RB50#0	22.50	21.90	30	PASS
			HCH	RB1#0	23.33	22.73	30	PASS
				RB1#25	23.29	22.69	30	PASS
				RB1#49	23.27	22.67	30	PASS
				RB25#0	22.48	21.88	30	PASS
				RB25#13	22.48	21.88	30	PASS
				RB25#25	22.44	21.84	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	22.51	21.91	30	PASS
		15	LCH	RB1#0	23.26	22.66	30	PASS
				RB1#38	23.25	22.65	30	PASS
				RB1#74	23.28	22.68	30	PASS
				RB38#0	22.38	21.78	30	PASS
				RB38#19	22.38	21.78	30	PASS
				RB38#39	22.36	21.76	30	PASS
				RB75#0	22.33	21.73	30	PASS
				MCH	RB1#0	23.22	22.62	30
			RB1#38		23.29	22.69	30	PASS
			RB1#74		23.23	22.63	30	PASS
			RB38#0		22.33	21.73	30	PASS
			RB38#19		22.33	21.73	30	PASS
			RB38#39		22.33	21.73	30	PASS
			RB75#0		22.29	21.69	30	PASS
			HCH	RB1#0	23.29	22.69	30	PASS
		RB1#38		23.21	22.61	30	PASS	

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB1#74	23.20	22.60	30	PASS	
				RB38#0	22.35	21.75	30	PASS	
				RB38#19	22.34	21.74	30	PASS	
				RB38#39	22.28	21.68	30	PASS	
				RB75#0	22.31	21.71	30	PASS	
		20	LCH	RB1#0	23.29	22.69	30	PASS	
				RB1#50	23.23	22.63	30	PASS	
				RB1#99	23.31	22.71	30	PASS	
				RB50#0	22.34	21.74	30	PASS	
				RB50#25	22.41	21.81	30	PASS	
				RB50#50	22.36	21.76	30	PASS	
				RB100#0	22.37	21.77	30	PASS	
				MCH	RB1#0	23.29	22.69	30	PASS
					RB1#50	23.26	22.66	30	PASS
					RB1#99	23.26	22.66	30	PASS
RB50#0	22.34	21.74	30		PASS				
RB50#25	22.32	21.72	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	22.35	21.75	30	PASS
				RB100#0	22.33	21.73	30	PASS
			HCH	RB1#0	23.31	22.71	30	PASS
				RB1#50	23.16	22.56	30	PASS
				RB1#99	23.19	22.59	30	PASS
				RB50#0	22.38	21.78	30	PASS
				RB50#25	22.36	21.76	30	PASS
				RB50#50	22.34	21.74	30	PASS
				RB100#0	22.36	21.76	30	PASS
			LCH	RB1#0	22.53	21.93	30	PASS
				RB1#3	22.62	22.02	30	PASS
				RB1#5	22.53	21.93	30	PASS
				RB3#0	22.44	21.84	30	PASS
				RB3#2	22.45	21.85	30	PASS
				RB3#3	22.42	21.82	30	PASS
RB6#0	21.56	20.96		30	PASS			
MCH	RB1#0	22.37	21.77	30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#3	22.50	21.90	30	PASS
				RB1#5	22.43	21.83	30	PASS
				RB3#0	22.57	21.97	30	PASS
				RB3#2	22.68	22.08	30	PASS
				RB3#3	22.57	21.97	30	PASS
				RB6#0	21.58	20.98	30	PASS
			HCH	RB1#0	22.72	22.12	30	PASS
				RB1#3	22.93	22.33	30	PASS
				RB1#5	22.63	22.03	30	PASS
				RB3#0	22.47	21.87	30	PASS
				RB3#2	22.47	21.87	30	PASS
				RB3#3	22.49	21.89	30	PASS
		3	LCH	RB1#0	22.79	22.19	30	PASS
				RB1#7	22.77	22.17	30	PASS
				RB1#14	22.83	22.23	30	PASS
				RB8#0	21.48	20.88	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#4	21.53	20.93	30	PASS
				RB8#7	21.46	20.86	30	PASS
				RB15#0	21.48	20.88	30	PASS
			MCH	RB1#0	22.25	21.65	30	PASS
				RB1#7	22.30	21.70	30	PASS
				RB1#14	22.33	21.73	30	PASS
				RB8#0	21.53	20.93	30	PASS
				RB8#4	21.68	21.08	30	PASS
				RB8#7	21.63	21.03	30	PASS
				RB15#0	21.48	20.88	30	PASS
			HCH	RB1#0	22.43	21.83	30	PASS
				RB1#7	22.39	21.79	30	PASS
				RB1#14	22.25	21.65	30	PASS
				RB8#0	21.42	20.82	30	PASS
				RB8#4	21.48	20.88	30	PASS
RB8#7	21.39	20.79		30	PASS			
RB15#0	21.38	20.78		30	PASS			

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
		5	LCH	RB1#0	23.00	22.40	30	PASS
				RB1#13	23.03	22.43	30	PASS
				RB1#24	23.01	22.41	30	PASS
				RB12#0	21.65	21.05	30	PASS
				RB12#6	21.65	21.05	30	PASS
				RB12#13	21.64	21.04	30	PASS
				RB25#0	21.60	21.00	30	PASS
			MCH	RB1#0	22.64	22.04	30	PASS
				RB1#13	22.64	22.04	30	PASS
				RB1#24	22.63	22.03	30	PASS
				RB12#0	21.50	20.90	30	PASS
				RB12#6	21.59	20.99	30	PASS
				RB12#13	21.61	21.01	30	PASS
				RB25#0	21.50	20.90	30	PASS
			HCH	RB1#0	22.54	21.94	30	PASS
				RB1#13	22.52	21.92	30	PASS
				RB1#24	22.55	21.95	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict	
				RB12#0	21.55	20.95	30	PASS	
				RB12#6	21.53	20.93	30	PASS	
				RB12#13	21.56	20.96	30	PASS	
				RB25#0	21.42	20.82	30	PASS	
		10	LCH	RB1#0	22.83	22.23	30	PASS	
				RB1#25	22.77	22.17	30	PASS	
				RB1#49	22.90	22.30	30	PASS	
				RB25#0	21.58	20.98	30	PASS	
				RB25#13	21.52	20.92	30	PASS	
				RB25#25	21.53	20.93	30	PASS	
				RB50#0	21.51	20.91	30	PASS	
				MCH	RB1#0	22.50	21.90	30	PASS
					RB1#25	22.49	21.89	30	PASS
					RB1#49	22.46	21.86	30	PASS
RB25#0	21.51	20.91	30		PASS				
RB25#13	21.52	20.92	30		PASS				
RB25#25	21.49	20.89	30		PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB50#0	21.46	20.86	30	PASS
				RB1#0	22.45	21.85	30	PASS
				RB1#25	22.27	21.67	30	PASS
				RB1#49	22.34	21.74	30	PASS
				RB25#0	21.56	20.96	30	PASS
				RB25#13	21.59	20.99	30	PASS
				RB25#25	21.56	20.96	30	PASS
				RB50#0	21.54	20.94	30	PASS
		15	LCH	RB1#0	22.73	22.13	30	PASS
				RB1#38	22.59	21.99	30	PASS
				RB1#74	22.68	22.08	30	PASS
				RB38#0	21.44	20.84	30	PASS
				RB38#19	21.44	20.84	30	PASS
				RB38#39	21.45	20.85	30	PASS
				RB75#0	21.41	20.81	30	PASS
	MCH	RB1#0	22.29	21.69	30	PASS		
		RB1#38	22.30	21.70	30	PASS		

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#74	22.24	21.64	30	PASS
				RB38#0	21.33	20.73	30	PASS
				RB38#19	21.36	20.76	30	PASS
				RB38#39	21.33	20.73	30	PASS
				RB75#0	21.34	20.74	30	PASS
			HCH	RB1#0	22.78	22.18	30	PASS
				RB1#38	22.65	22.05	30	PASS
				RB1#74	22.74	22.14	30	PASS
				RB38#0	21.34	20.74	30	PASS
				RB38#19	21.32	20.72	30	PASS
		20	LCH	RB38#39	21.26	20.66	30	PASS
				RB75#0	21.31	20.71	30	PASS
				RB1#0	22.79	22.19	30	PASS
				RB1#50	22.85	22.25	30	PASS
				RB1#99	22.73	22.13	30	PASS
				RB50#0	21.36	20.76	30	PASS
				RB50#25	21.43	20.83	30	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#50	21.39	20.79	30	PASS
				RB100#0	21.42	20.82	30	PASS
			MCH	RB1#0	22.89	22.29	30	PASS
				RB1#50	22.85	22.25	30	PASS
				RB1#99	22.84	22.24	30	PASS
				RB50#0	21.36	20.76	30	PASS
				RB50#25	21.40	20.80	30	PASS
				RB50#50	21.32	20.72	30	PASS
				RB100#0	21.38	20.78	30	PASS
				HCH	RB1#0	22.73	22.13	30
			RB1#50		22.67	22.07	30	PASS
			RB1#99		22.62	22.02	30	PASS
			RB50#0		21.36	20.76	30	PASS
			RB50#25		21.34	20.74	30	PASS
			RB50#50		21.29	20.69	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
Band4	LTE/TM1	1.4	LCH	RB1#0	3.65	13	PASS
				RB1#3	3.43	13	PASS
				RB1#5	3.68	13	PASS
				RB3#0	3.80	13	PASS
				RB3#2	3.75	13	PASS
				RB3#3	3.79	13	PASS
			RB6#0	5.34	13	PASS	
			MCH	RB1#0	3.64	13	PASS
				RB1#3	3.44	13	PASS
				RB1#5	3.61	13	PASS
				RB3#0	3.99	13	PASS
				RB3#2	3.91	13	PASS
				RB3#3	3.97	13	PASS
			RB6#0	5.14	13	PASS	
			HCH	RB1#0	3.53	13	PASS
				RB1#3	3.34	13	PASS
				RB1#5	3.62	13	PASS
				RB3#0	3.78	13	PASS
		RB3#2		3.75	13	PASS	
		RB3#3		3.74	13	PASS	
		RB6#0	5.09	13	PASS		
		3	LCH	RB1#0	3.35	13	PASS
				RB1#7	3.31	13	PASS
				RB1#14	3.35	13	PASS
				RB8#0	4.63	13	PASS
				RB8#4	4.60	13	PASS
				RB8#7	4.64	13	PASS
			RB15#0	5.31	13	PASS	
			MCH	RB1#0	3.42	13	PASS
				RB1#7	3.39	13	PASS
RB1#14	3.47			13	PASS		
RB8#0	4.81			13	PASS		
RB8#4	4.71			13	PASS		
RB8#7	4.83	13		PASS			
RB15#0	5.08	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
				RB1#7	3.32	13	PASS
				RB1#14	3.34	13	PASS
				RB8#0	4.79	13	PASS
				RB8#4	4.71	13	PASS
				RB8#7	4.81	13	PASS
				RB15#0	5.40	13	PASS
		5	LCH	RB1#0	3.37	13	PASS
				RB1#13	3.27	13	PASS
				RB1#24	3.30	13	PASS
				RB12#0	4.71	13	PASS
				RB12#6	4.60	13	PASS
				RB12#13	4.68	13	PASS
			RB25#0	5.73	13	PASS	
			MCH	RB1#0	3.47	13	PASS
				RB1#13	3.35	13	PASS
				RB1#24	3.50	13	PASS
				RB12#0	4.85	13	PASS
				RB12#6	4.81	13	PASS
				RB12#13	4.83	13	PASS
			HCH	RB25#0	4.94	13	PASS
				RB1#0	3.39	13	PASS
				RB1#13	3.29	13	PASS
				RB1#24	3.39	13	PASS
				RB12#0	4.78	13	PASS
		RB12#6		4.66	13	PASS	
		10	LCH	RB12#13	4.74	13	PASS
				RB25#0	5.10	13	PASS
				RB1#0	3.30	13	PASS
				RB1#25	3.29	13	PASS
				RB1#49	3.33	13	PASS
RB25#0	4.71			13	PASS		
MCH	RB25#13		4.74	13	PASS		
	RB25#25		4.76	13	PASS		
	RB50#0		5.27	13	PASS		
	RB1#0		3.41	13	PASS		
	RB1#25		3.40	13	PASS		
	RB1#49		3.46	13	PASS		
				RB25#0	4.85	13	PASS
				RB25#13	4.81	13	PASS
				RB25#25	4.93	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			HCH	RB50#0	5.61	13	PASS	
				RB1#0	3.40	13	PASS	
				RB1#25	3.35	13	PASS	
				RB1#49	3.34	13	PASS	
				RB25#0	4.86	13	PASS	
				RB25#13	4.82	13	PASS	
				RB25#25	4.79	13	PASS	
				RB50#0	5.83	13	PASS	
		15	LCH		RB1#0	3.37	13	PASS
					RB1#38	3.34	13	PASS
					RB1#74	3.40	13	PASS
					RB38#0	4.71	13	PASS
					RB38#19	4.67	13	PASS
					RB38#39	4.80	13	PASS
					RB75#0	5.73	13	PASS
					MCH		RB1#0	3.39
			RB1#38	3.44			13	PASS
			RB1#74	3.45			13	PASS
			RB38#0	4.83			13	PASS
			RB38#19	4.89			13	PASS
			RB38#39	5.03			13	PASS
			RB75#0	6.07			13	PASS
			HCH				RB1#0	3.41
					RB1#38	3.40	13	PASS
		RB1#74			3.33	13	PASS	
		RB38#0			4.89	13	PASS	
		RB38#19			4.91	13	PASS	
		RB38#39			4.84	13	PASS	
		RB75#0			5.98	13	PASS	
		20			LCH		RB1#0	3.34
			RB1#50	3.31			13	PASS
			RB1#99	3.36			13	PASS
			RB50#0	4.77			13	PASS
			RB50#25	4.76			13	PASS
			RB50#50	4.91			13	PASS
			RB100#0	5.97			13	PASS
MCH			RB1#0	3.33			13	PASS
			RB1#50	3.43	13	PASS		
			RB1#99	3.42	13	PASS		
			RB50#0	4.88	13	PASS		

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#25	4.99	13	PASS
				RB50#50	5.01	13	PASS
				RB100#0	6.13	13	PASS
			HCH	RB1#0	3.42	13	PASS
				RB1#50	3.42	13	PASS
				RB1#99	3.38	13	PASS
				RB50#0	4.97	13	PASS
				RB50#25	4.94	13	PASS
				RB50#50	4.98	13	PASS
				RB100#0	5.94	13	PASS
	LCH	RB1#0	5.14	13	PASS		
		RB1#3	5.01	13	PASS		
		RB1#5	5.16	13	PASS		
		RB3#0	5.23	13	PASS		
		RB3#2	5.17	13	PASS		
		RB3#3	5.25	13	PASS		
		RB6#0	5.83	13	PASS		
		MCH	RB1#0	5.32	13	PASS	
			RB1#3	5.21	13	PASS	
			RB1#5	5.31	13	PASS	
			RB3#0	5.32	13	PASS	
			RB3#2	5.19	13	PASS	
			RB3#3	5.29	13	PASS	
	HCH	RB6#0	5.74	13	PASS		
		RB1#0	4.86	13	PASS		
		RB1#3	4.73	13	PASS		
		RB1#5	4.79	13	PASS		
		RB3#0	5.13	13	PASS		
		RB3#2	5.11	13	PASS		
		RB3#3	5.16	13	PASS		
	3	LCH	RB1#0	4.71	13	PASS	
			RB1#7	4.72	13	PASS	
			RB1#14	4.71	13	PASS	
RB8#0			5.63	13	PASS		
RB8#4			5.52	13	PASS		
RB8#7			5.63	13	PASS		
RB15#0			6.00	13	PASS		
MCH		RB1#0	5.30	13	PASS		
		RB1#7	5.29	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	5.70	13	PASS	
				RB8#4	5.58	13	PASS	
				RB8#7	5.62	13	PASS	
				RB15#0	6.34	13	PASS	
			HCH	RB1#0	5.06	13	PASS	
				RB1#7	5.06	13	PASS	
				RB1#14	5.14	13	PASS	
				RB8#0	5.55	13	PASS	
				RB8#4	5.52	13	PASS	
				RB8#7	5.54	13	PASS	
				RB15#0	6.02	13	PASS	
				LCH	RB1#0	4.54	13	PASS
					RB1#13	4.43	13	PASS
					RB1#24	4.44	13	PASS
		RB12#0			5.50	13	PASS	
		RB12#6			5.41	13	PASS	
		RB12#13			5.56	13	PASS	
		RB25#0	6.43		13	PASS		
		MCH	RB1#0	5.02	13	PASS		
			RB1#13	5.01	13	PASS		
			RB1#24	5.08	13	PASS		
			RB12#0	5.63	13	PASS		
			RB12#6	5.53	13	PASS		
			RB12#13	5.68	13	PASS		
			RB25#0	6.09	13	PASS		
		HCH	RB1#0	5.01	13	PASS		
			RB1#13	4.92	13	PASS		
			RB1#24	4.99	13	PASS		
			RB12#0	5.61	13	PASS		
			RB12#6	5.56	13	PASS		
			RB12#13	5.61	13	PASS		
			RB25#0	6.33	13	PASS		
10	LCH	RB1#0	4.65	13	PASS			
		RB1#25	4.66	13	PASS			
		RB1#49	4.68	13	PASS			
		RB25#0	5.60	13	PASS			
		RB25#13	5.56	13	PASS			
		RB25#25	5.59	13	PASS			
		RB50#0	6.29	13	PASS			

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict	
			MCH	RB1#0	5.26	13	PASS	
				RB1#25	5.28	13	PASS	
				RB1#49	5.32	13	PASS	
				RB25#0	5.86	13	PASS	
				RB25#13	5.79	13	PASS	
				RB25#25	5.97	13	PASS	
				RB50#0	6.41	13	PASS	
			HCH	RB1#0	5.19	13	PASS	
				RB1#25	5.10	13	PASS	
				RB1#49	5.12	13	PASS	
				RB25#0	5.72	13	PASS	
				RB25#13	5.61	13	PASS	
				RB25#25	5.69	13	PASS	
				RB50#0	6.57	13	PASS	
		15	LCH		RB1#0	4.77	13	PASS
					RB1#38	4.70	13	PASS
					RB1#74	4.82	13	PASS
					RB38#0	5.75	13	PASS
					RB38#19	5.73	13	PASS
					RB38#39	5.80	13	PASS
					RB75#0	6.71	13	PASS
			MCH	RB1#0	5.24	13	PASS	
				RB1#38	5.32	13	PASS	
				RB1#74	5.36	13	PASS	
				RB38#0	5.92	13	PASS	
				RB38#19	5.95	13	PASS	
				RB38#39	6.03	13	PASS	
				RB75#0	6.91	13	PASS	
		HCH	RB1#0	4.89	13	PASS		
			RB1#38	4.84	13	PASS		
			RB1#74	4.75	13	PASS		
			RB38#0	5.96	13	PASS		
			RB38#19	5.87	13	PASS		
			RB38#39	5.93	13	PASS		
			RB75#0	6.78	13	PASS		
		20	LCH		RB1#0	4.69	13	PASS
					RB1#50	4.66	13	PASS
					RB1#99	4.78	13	PASS
					RB50#0	5.73	13	PASS
					RB50#25	5.72	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#50	5.88	13	PASS
				RB100#0	6.78	13	PASS
			MCH	RB1#0	4.53	13	PASS
				RB1#50	4.68	13	PASS
				RB1#99	4.71	13	PASS
				RB50#0	5.85	13	PASS
				RB50#25	5.85	13	PASS
				RB50#50	5.95	13	PASS
				RB100#0	6.96	13	PASS
				HCH	RB1#0	4.96	13
			RB1#50		4.93	13	PASS
			RB1#99		4.76	13	PASS
			RB50#0		5.94	13	PASS
			RB50#25		5.93	13	PASS
			RB50#50		5.96	13	PASS
			RB100#0		6.65	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

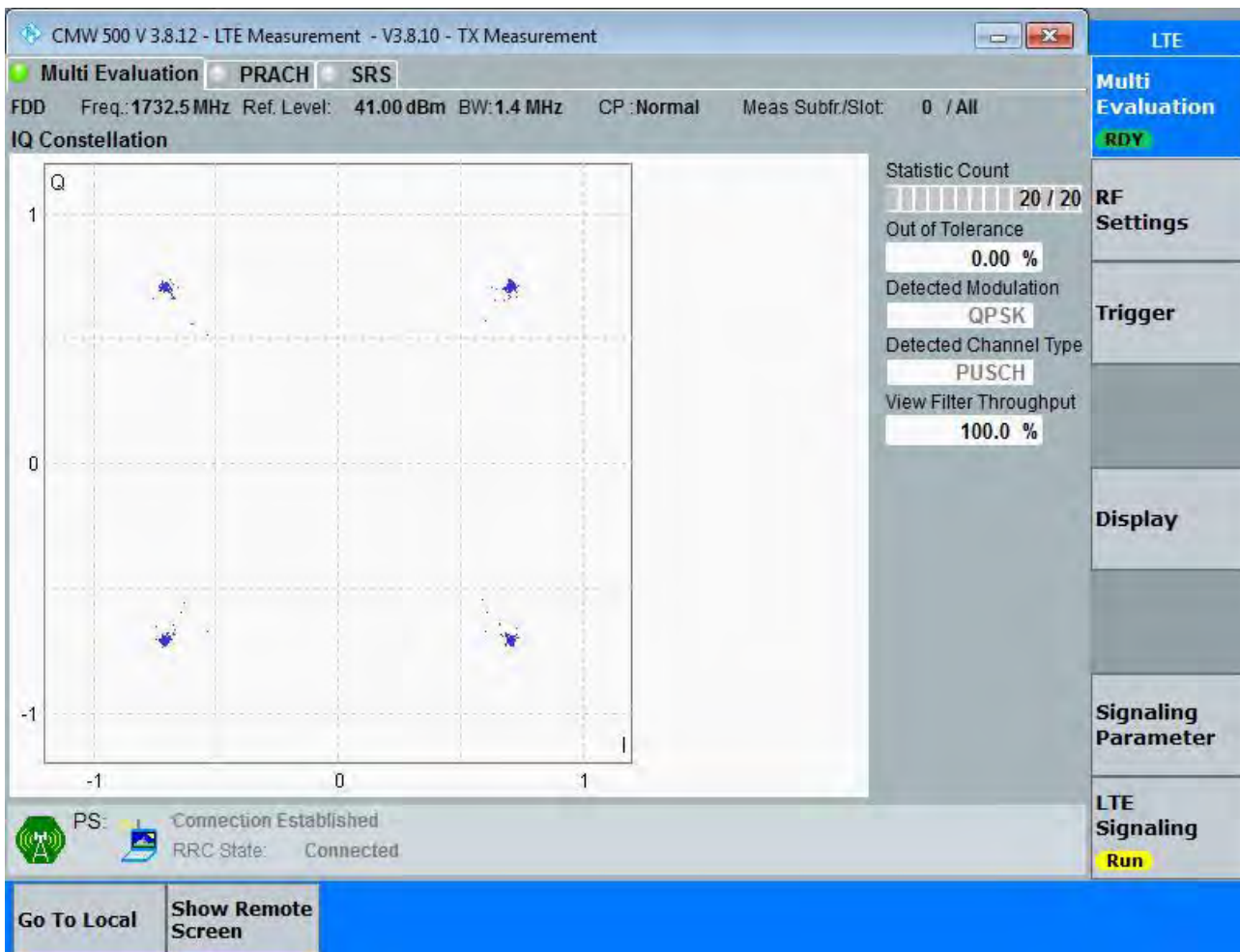
3.1.1 Test Band = Band4

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

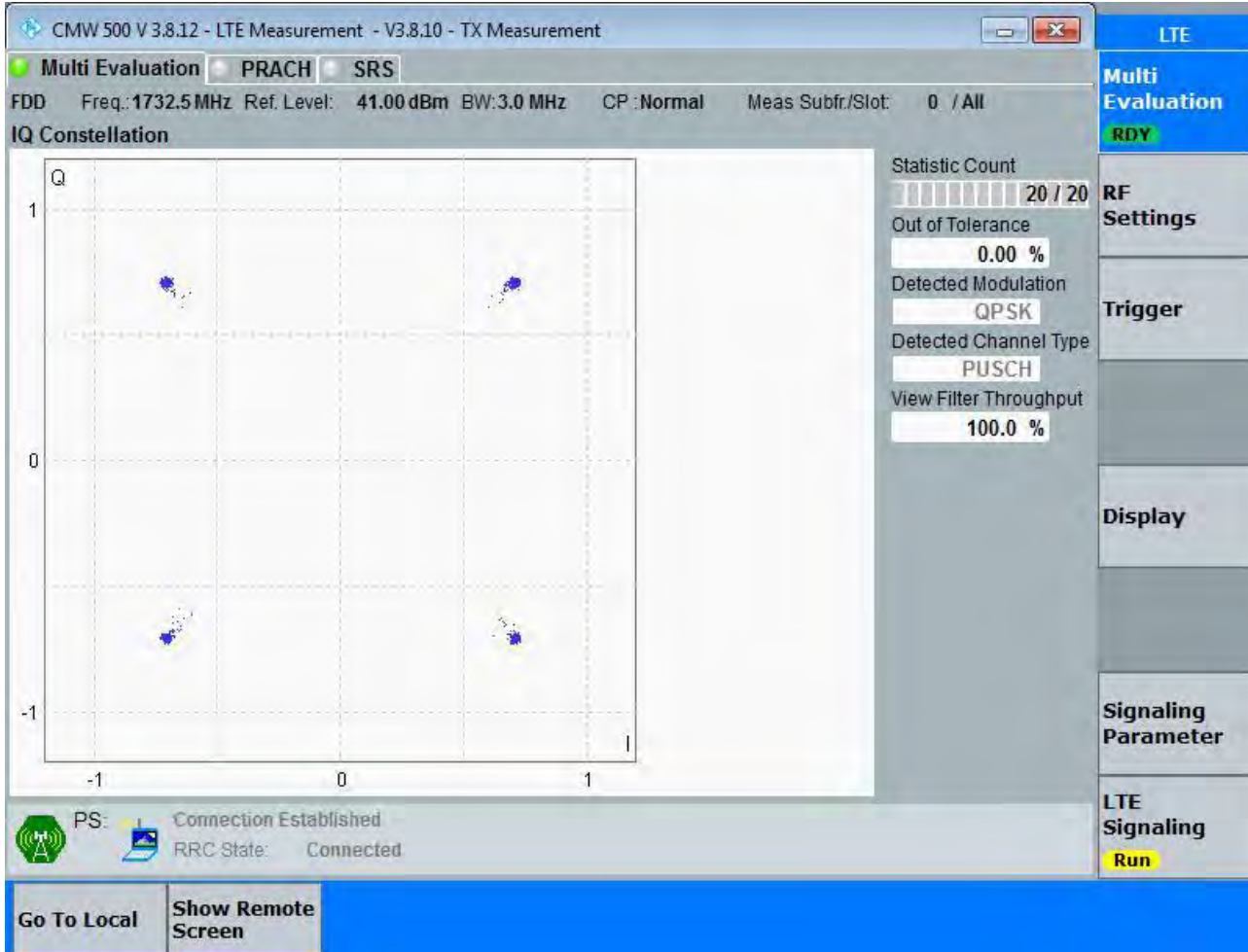
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

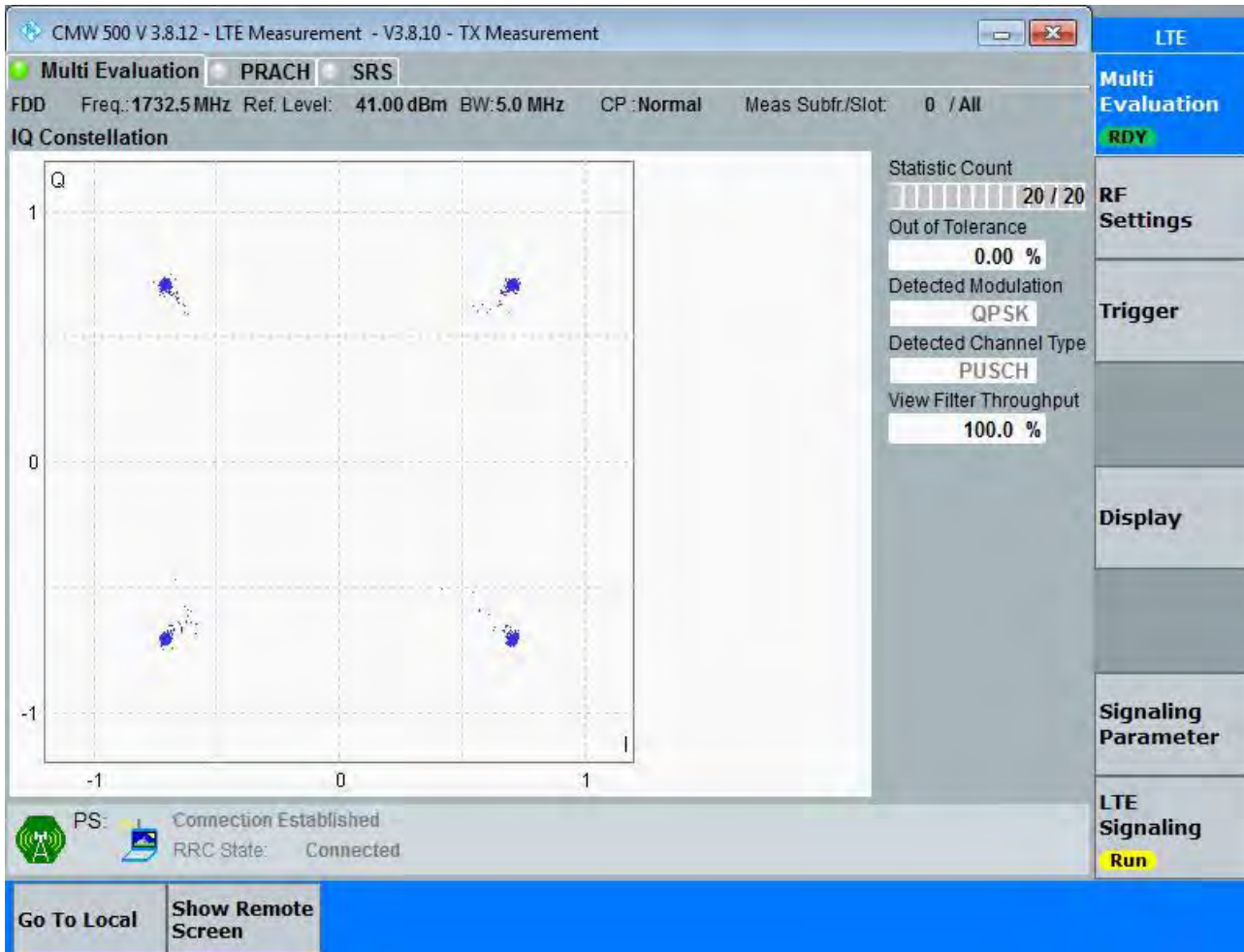
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

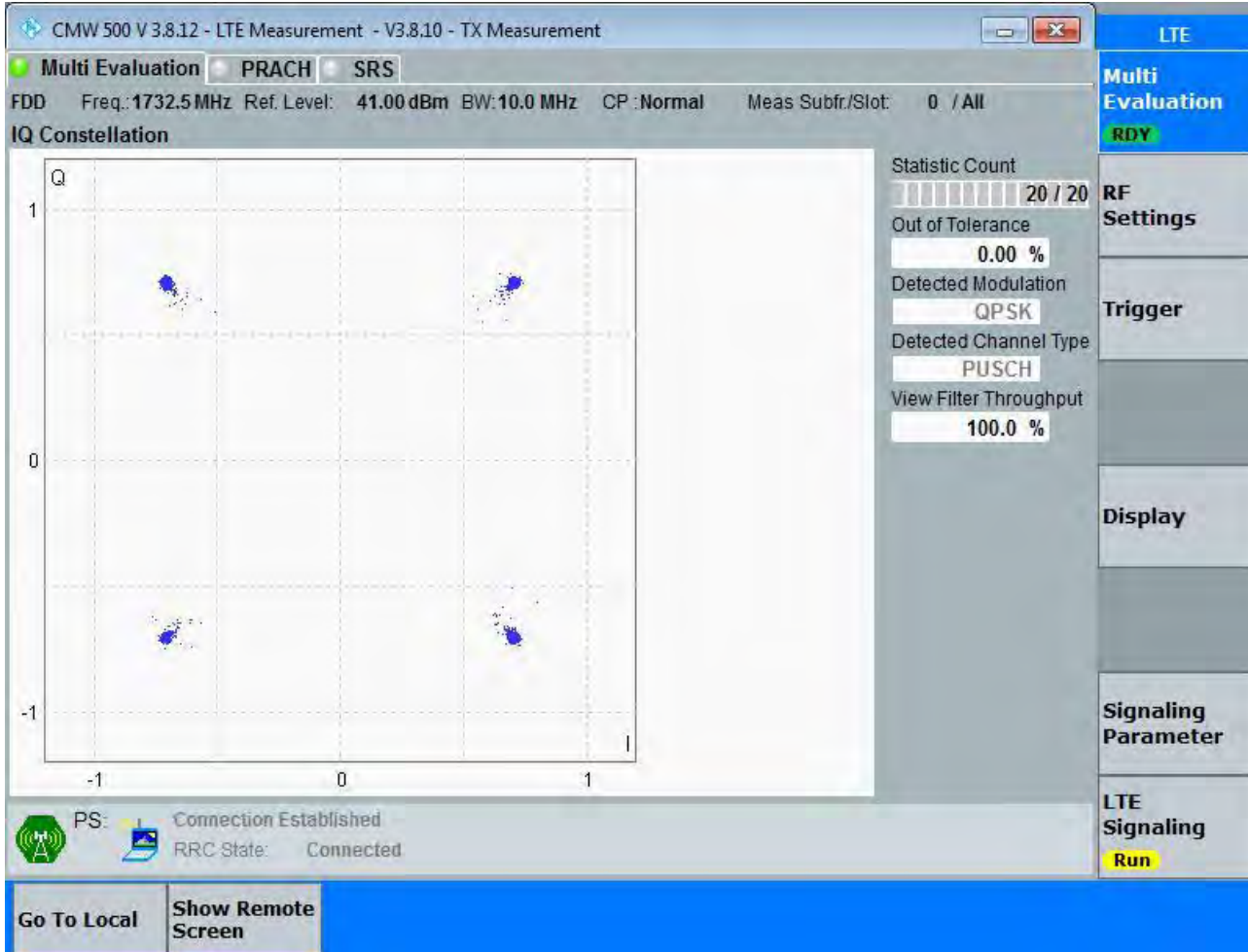
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

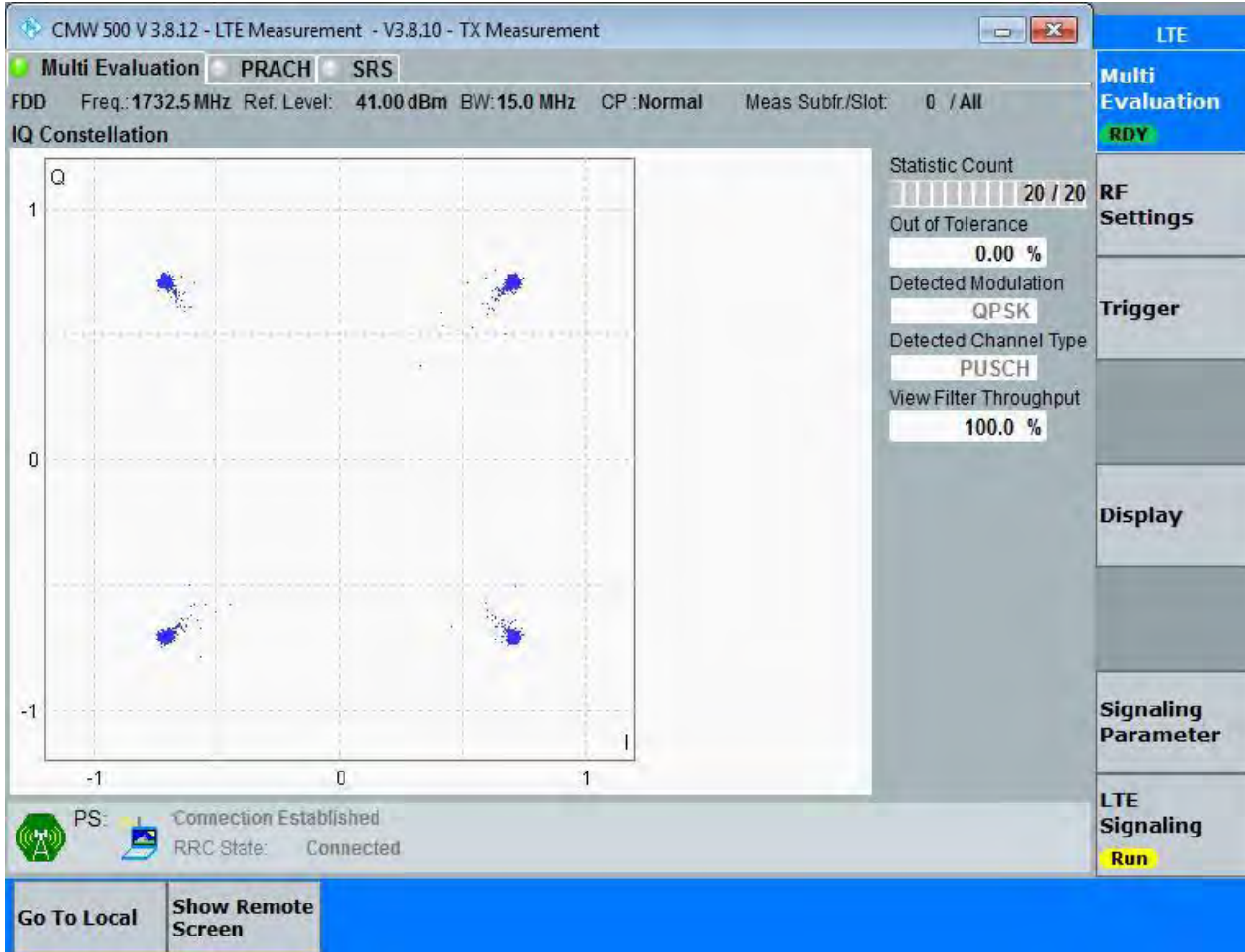
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

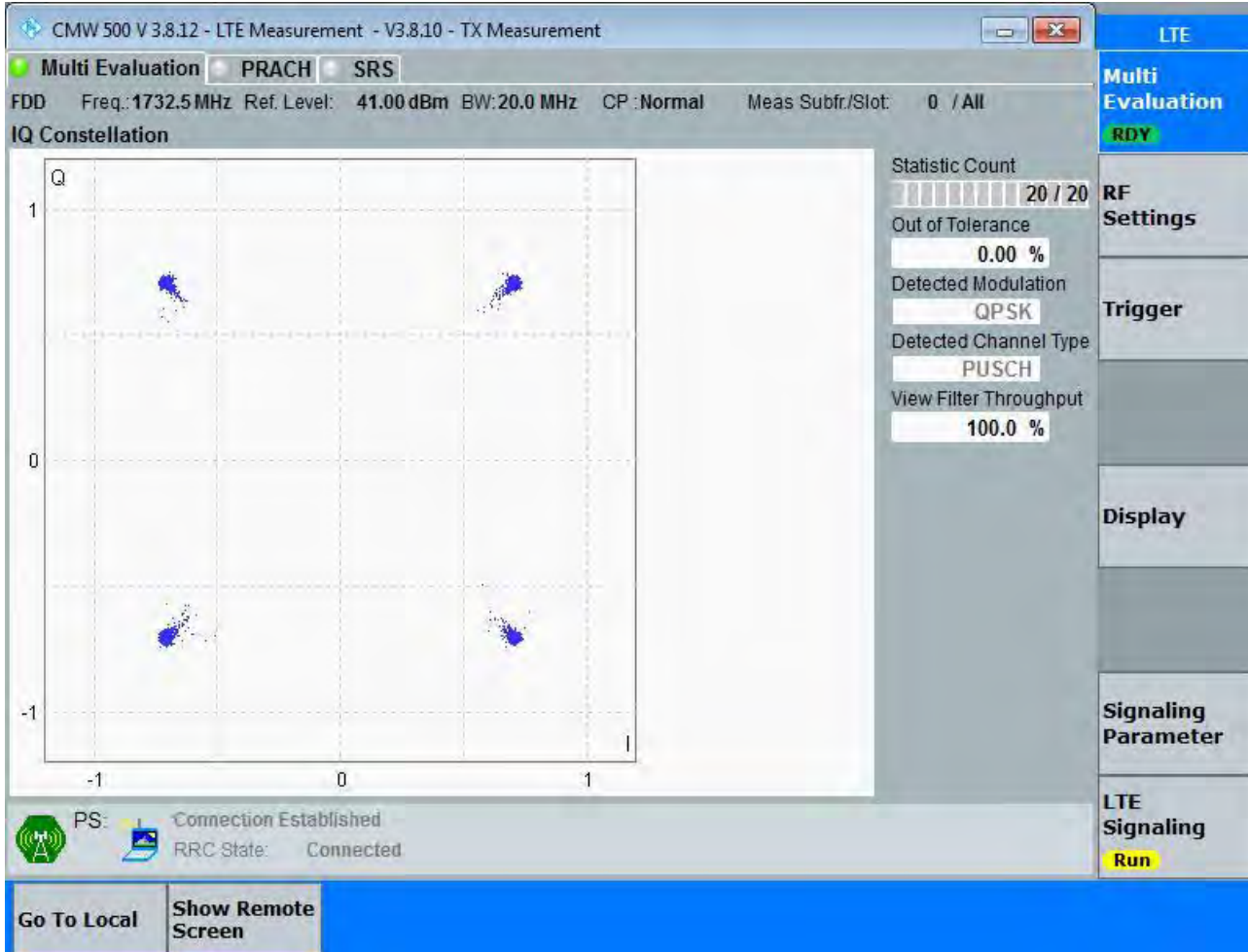
3.1.1.1.5.1.1 Test RB = RB75#0



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

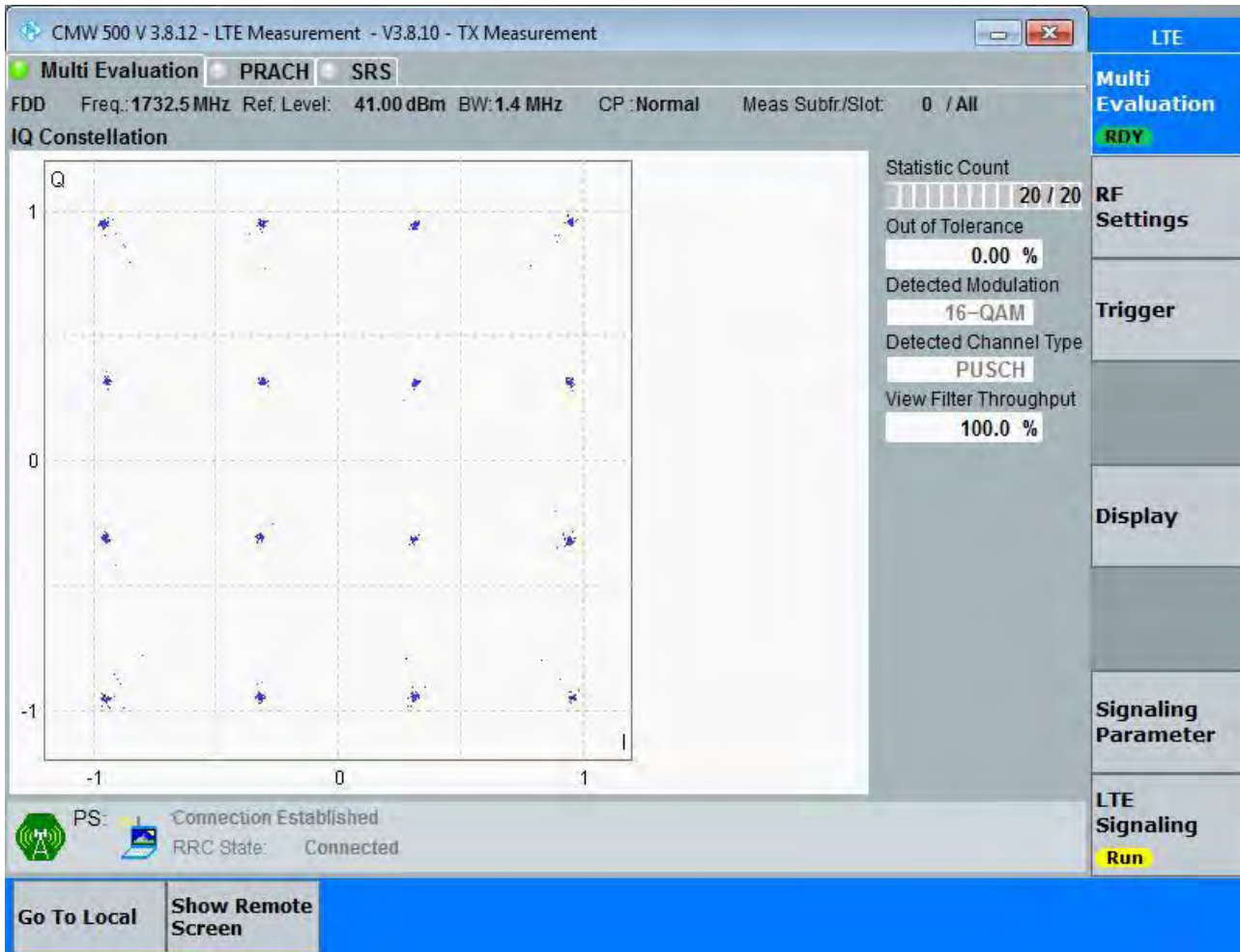


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

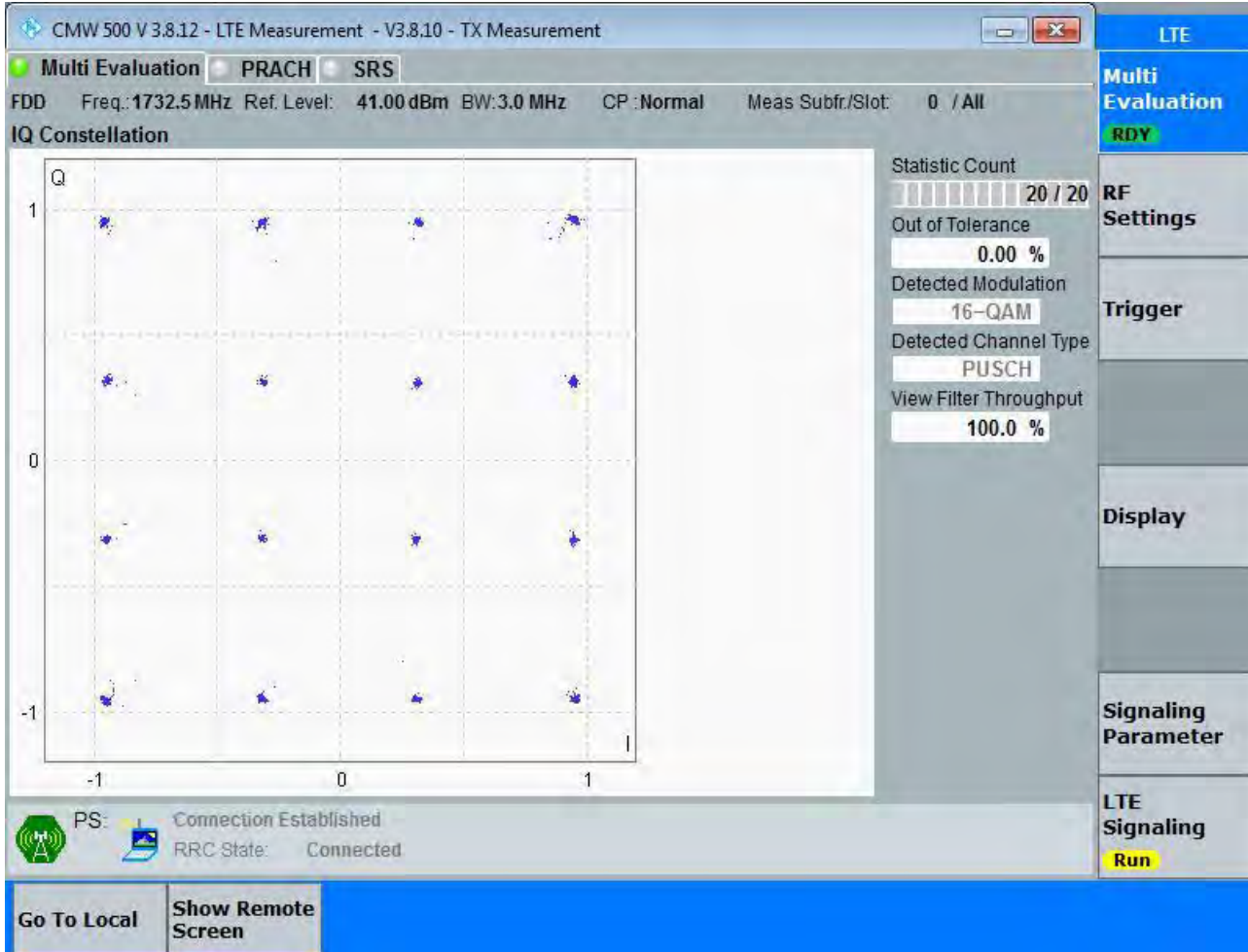
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.1.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

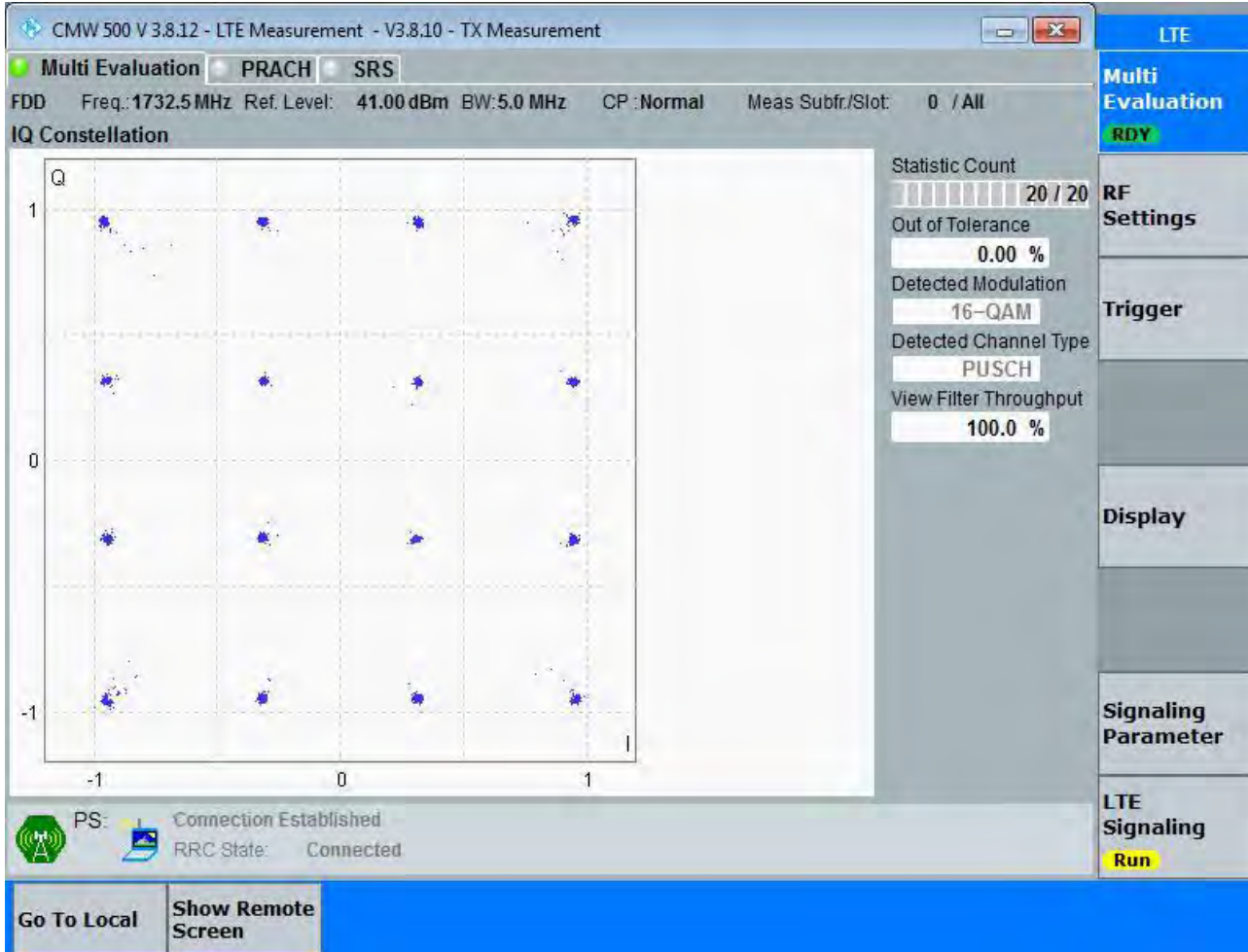
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

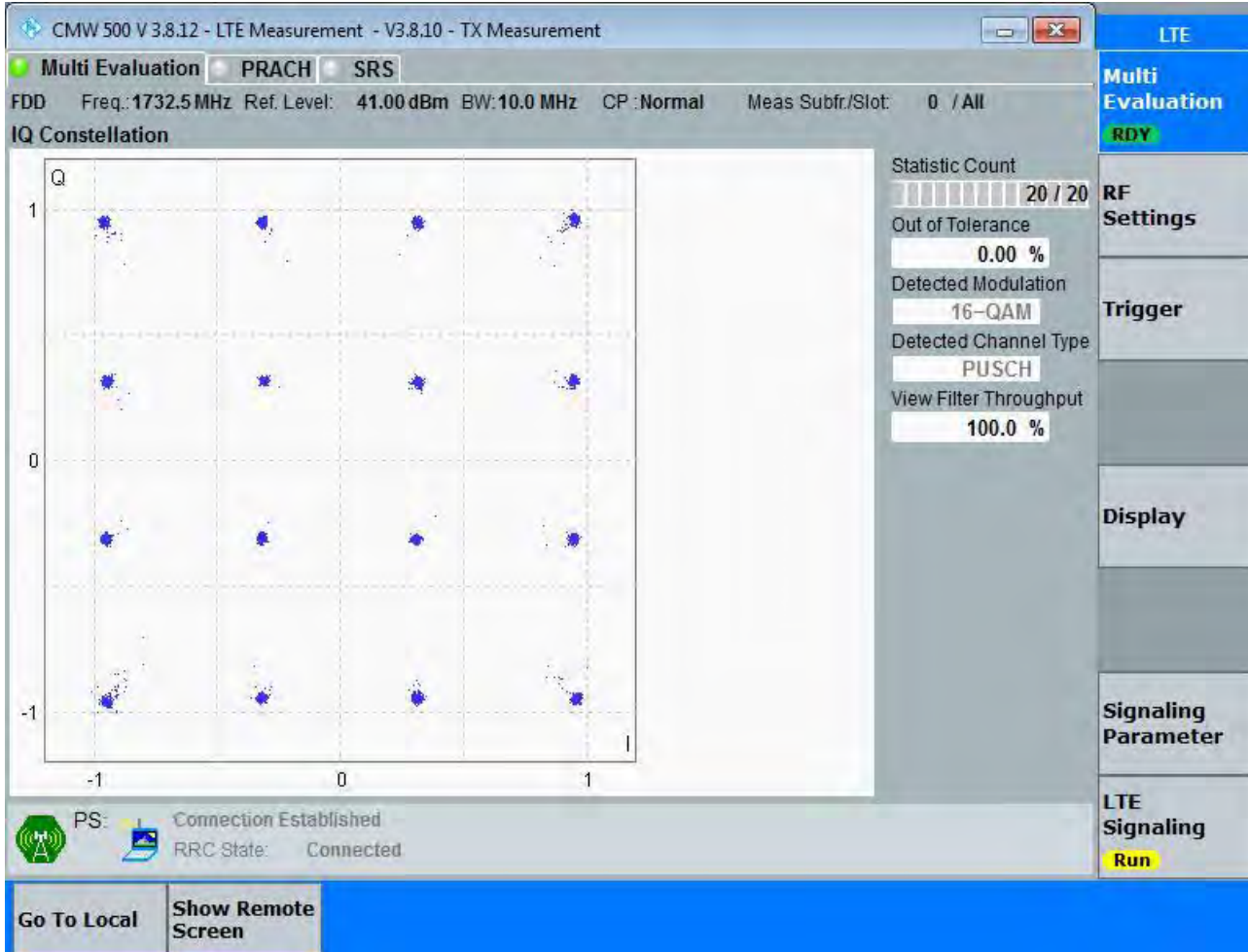
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

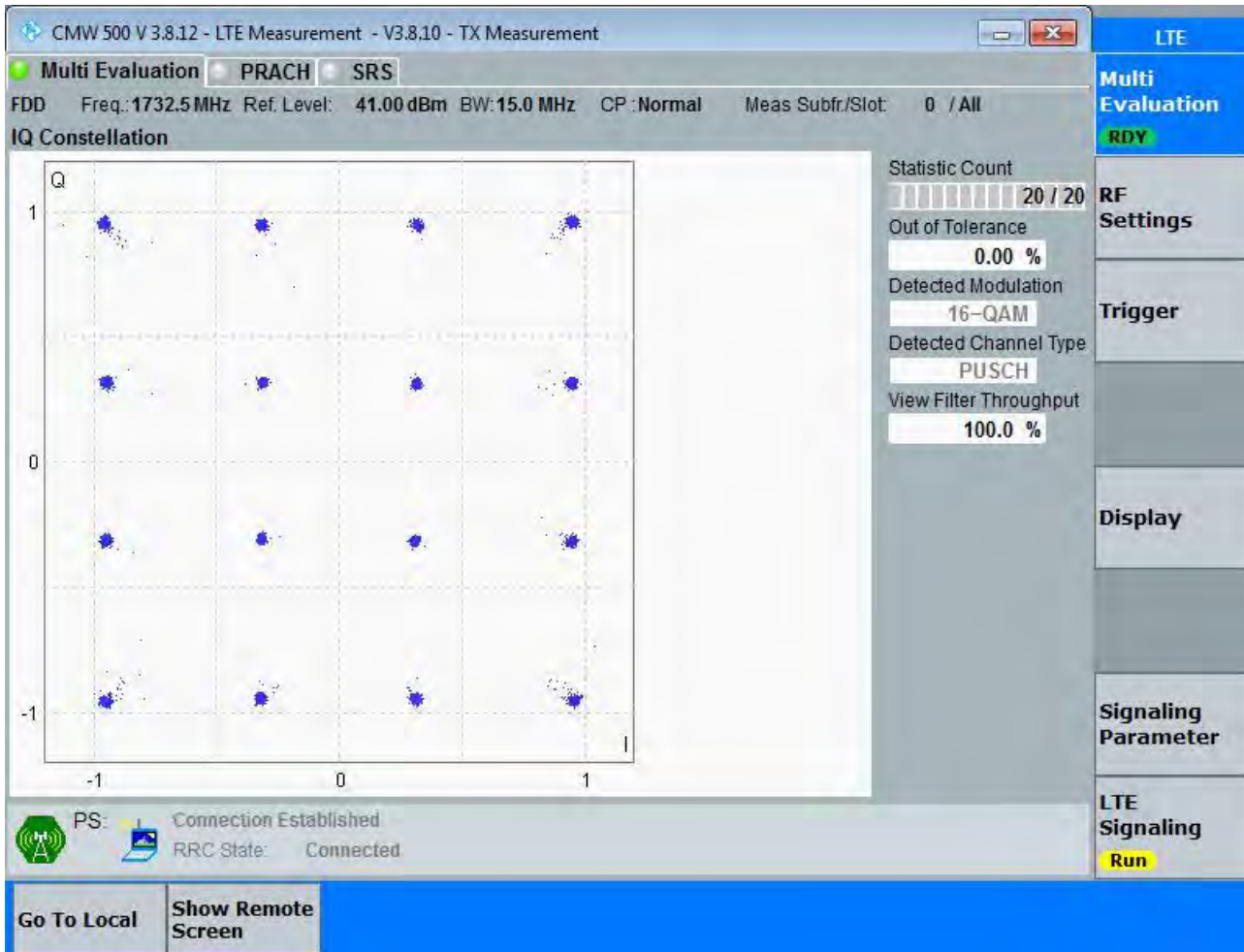
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

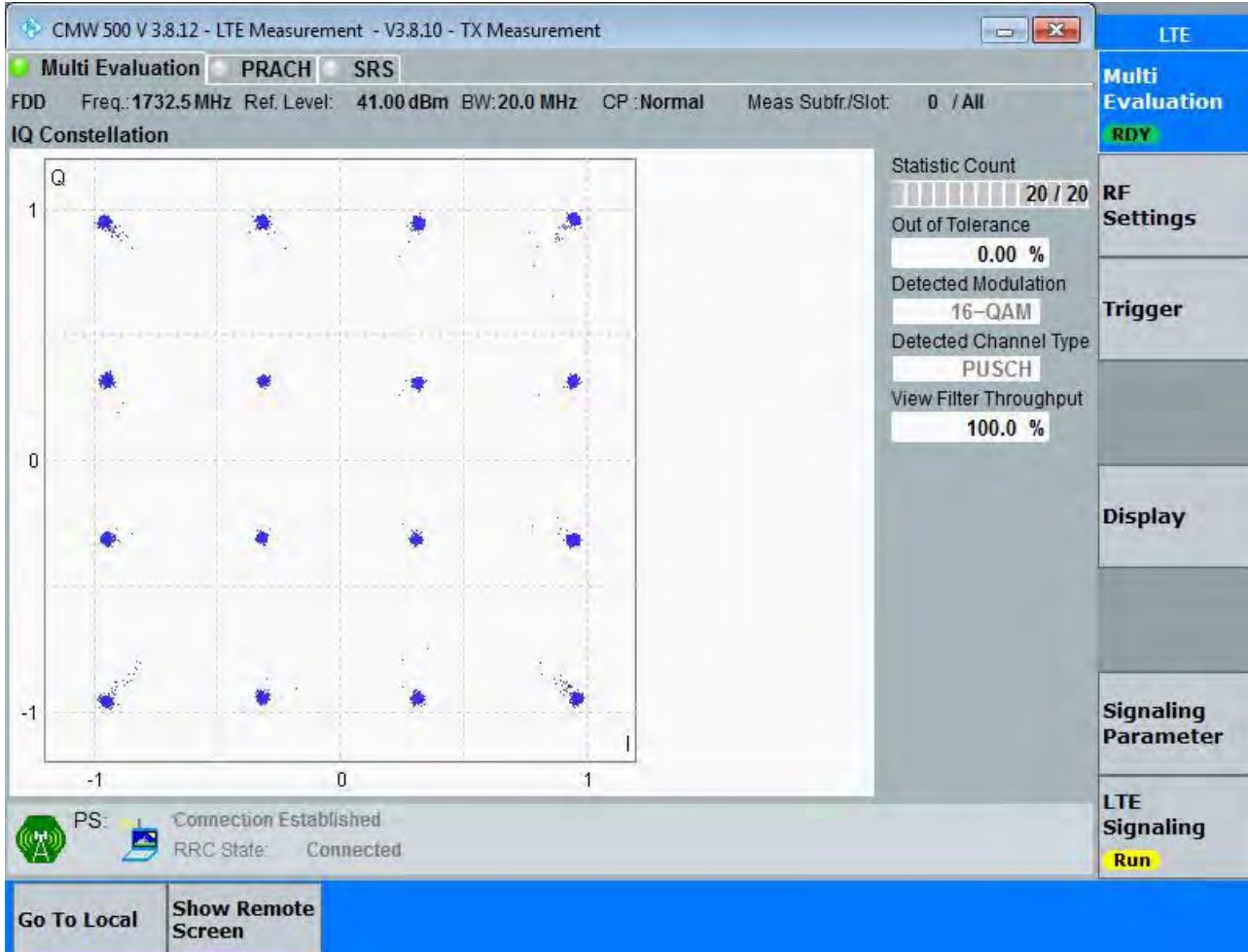
3.1.1.2.5.1.1 Test RB = RB75#0



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
Band4	LTE/TM1	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.09	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.71	3.00	Pass
			MCH	RB15#0	2.71	3.04	Pass
			HCH	RB15#0	2.70	3.01	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.51	5.00	Pass
			HCH	RB25#0	4.51	4.95	Pass
		10	LCH	RB50#0	8.97	9.77	Pass
			MCH	RB50#0	8.99	9.90	Pass
			HCH	RB50#0	9.01	9.92	Pass
		15	LCH	RB75#0	13.45	14.66	Pass
			MCH	RB75#0	13.48	14.71	Pass
			HCH	RB75#0	13.48	14.67	Pass
		20	LCH	RB100#0	17.95	19.40	Pass
			MCH	RB100#0	17.98	19.53	Pass
			HCH	RB100#0	17.95	19.57	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.24	Pass
			MCH	RB6#0	1.10	1.24	Pass
			HCH	RB6#0	1.09	1.24	Pass
		3	LCH	RB15#0	2.70	3.01	Pass
			MCH	RB15#0	2.71	3.03	Pass
			HCH	RB15#0	2.70	3.03	Pass
		5	LCH	RB25#0	4.51	4.97	Pass
			MCH	RB25#0	4.52	5.01	Pass
			HCH	RB25#0	4.50	4.95	Pass
		10	LCH	RB50#0	8.96	9.85	Pass
			MCH	RB50#0	9.00	9.86	Pass
			HCH	RB50#0	9.01	9.85	Pass
15	LCH	RB75#0	13.48	14.68	Pass		
	MCH	RB75#0	13.50	14.66	Pass		
	HCH	RB75#0	13.48	14.66	Pass		
20	LCH	RB100#0	17.94	19.46	Pass		
	MCH	RB100#0	17.97	19.48	Pass		

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
			HCH	RB100#0	17.97	19.49	Pass

Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = Band4

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

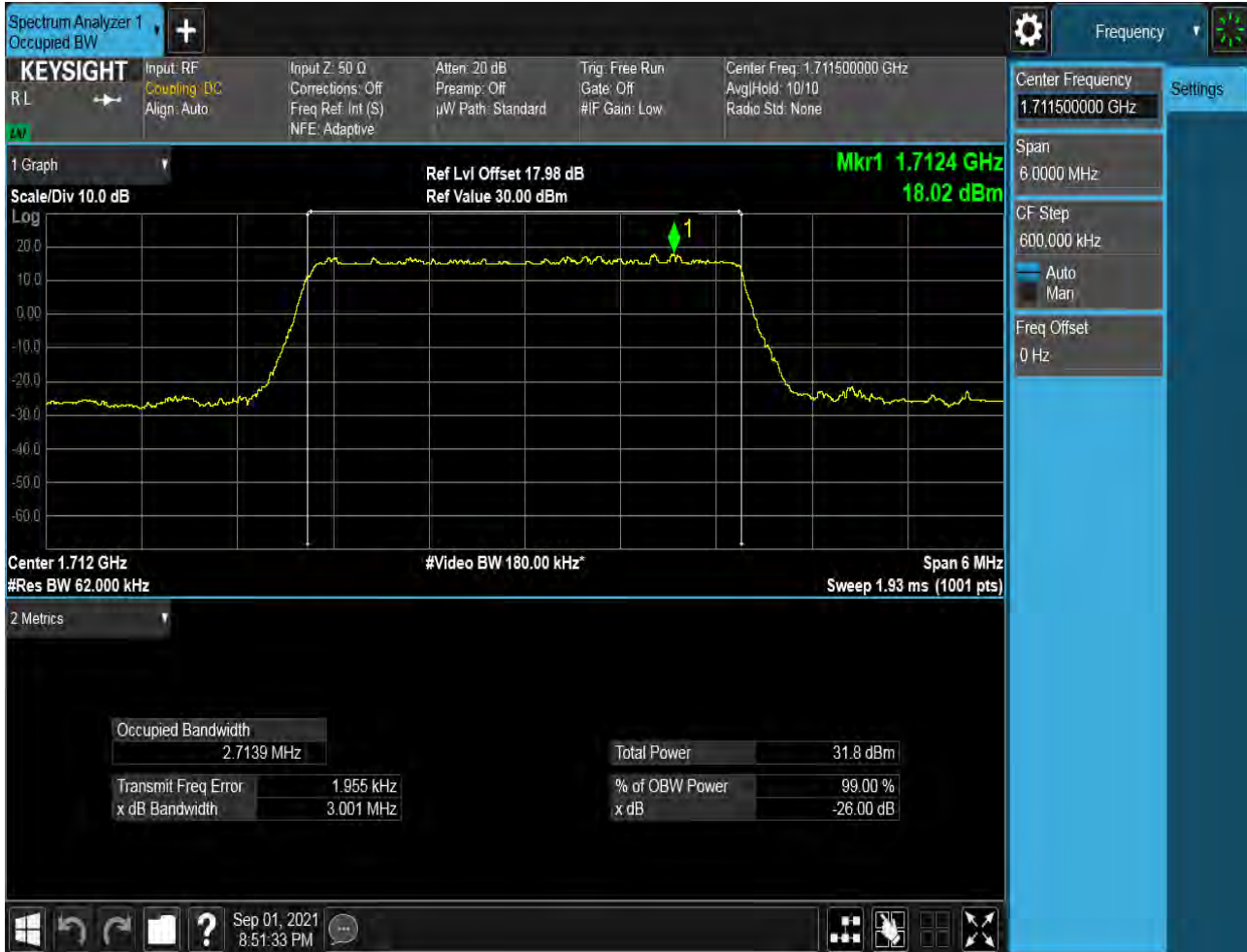
4.1.1.1.1.3.1 Test RB = RB6#0



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



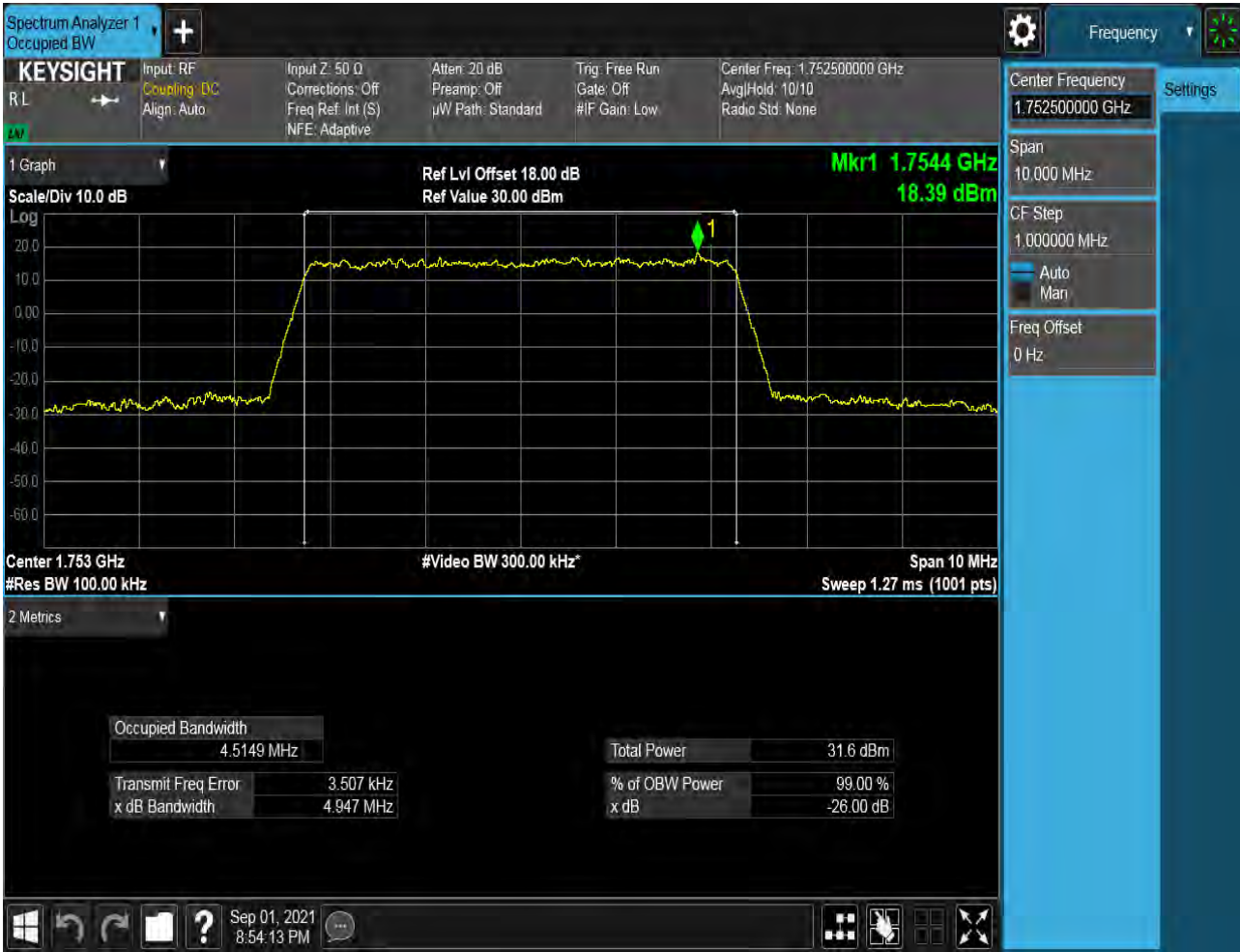
4.1.1.1.3.2 Test Channel = MCH

4.1.1.1.3.2.1 Test RB = RB25#0



4.1.1.1.3.3 Test Channel = HCH

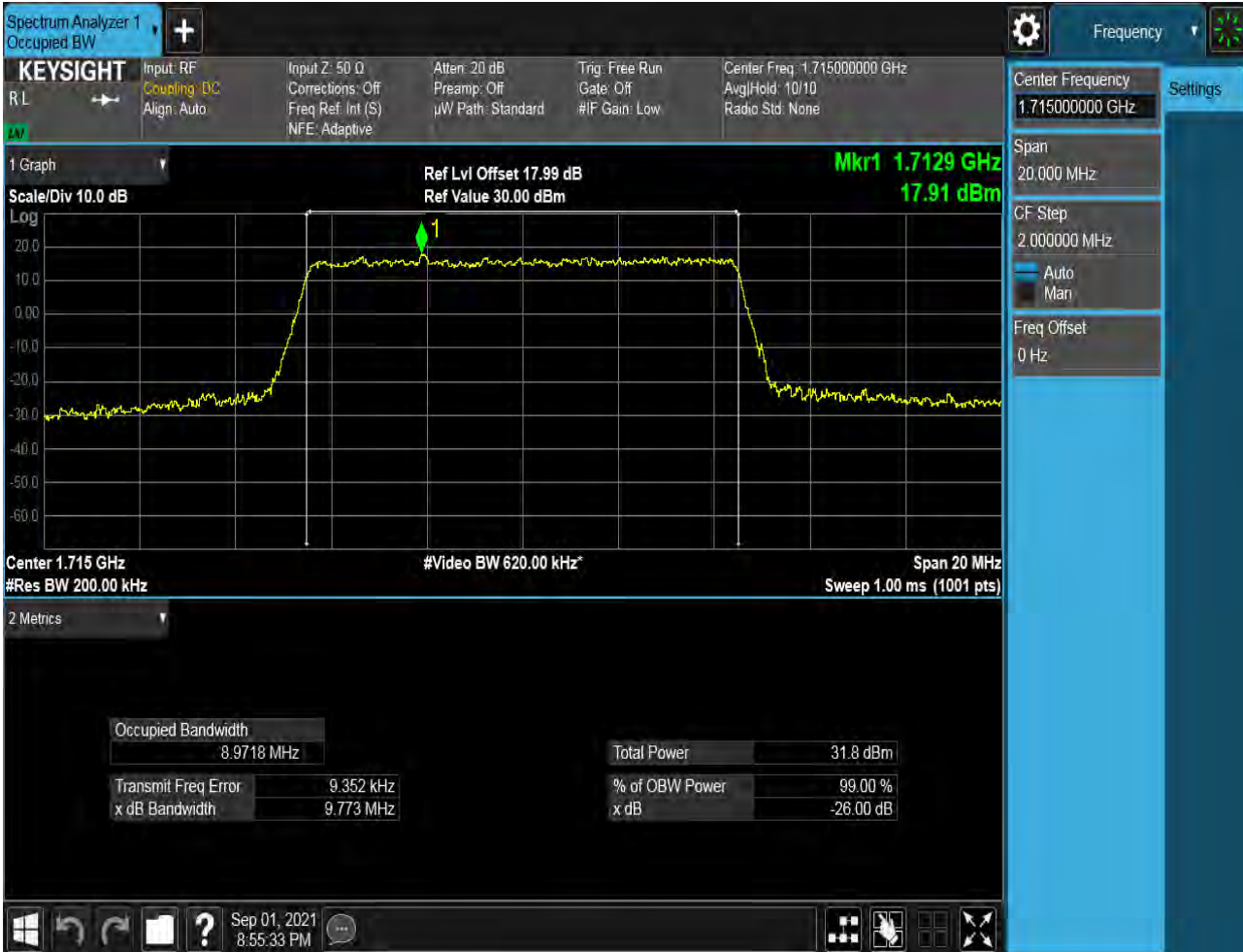
4.1.1.1.3.3.1 Test RB = RB25#0



4.1.1.1.4 Test Bandwidth = 10

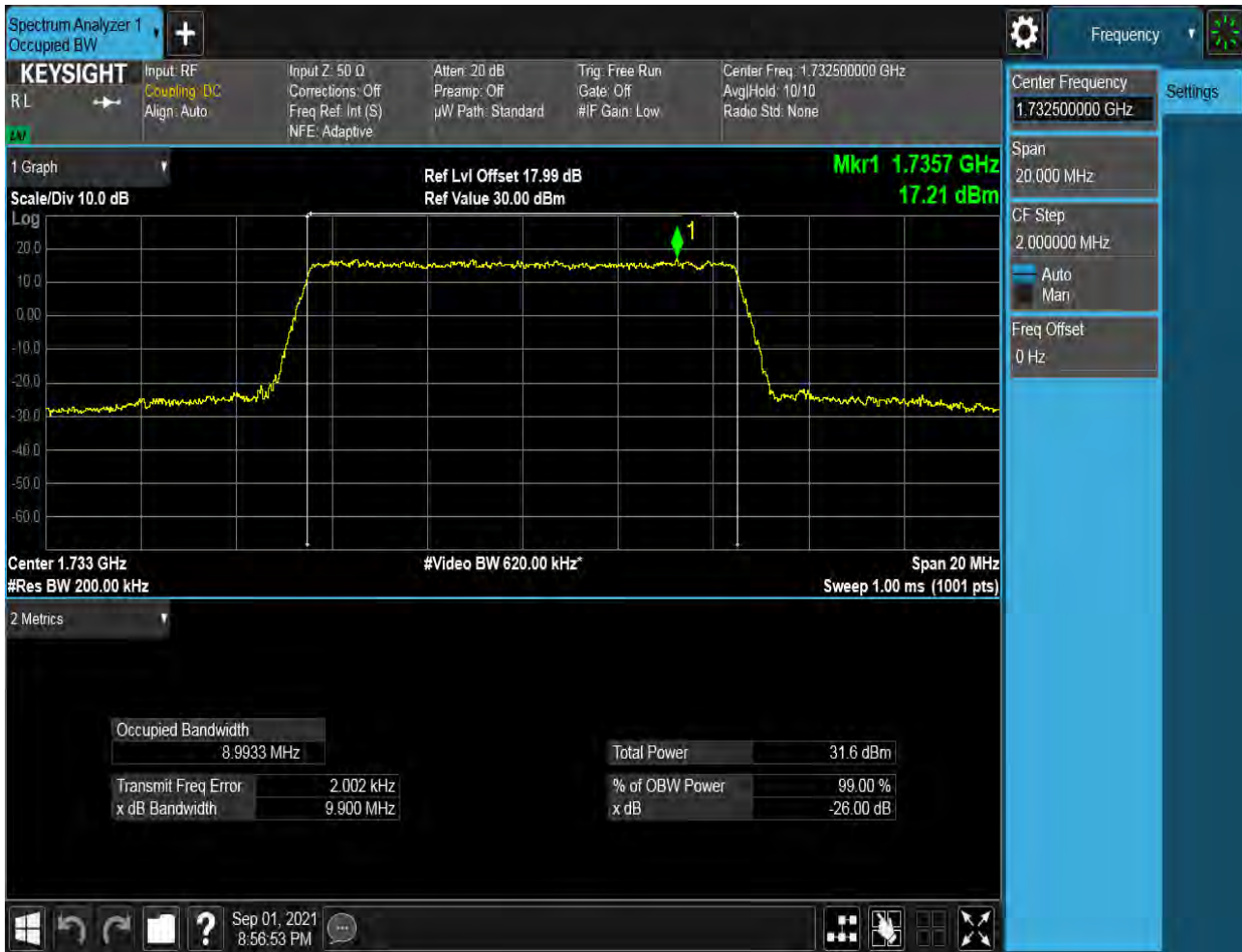
4.1.1.1.4.1 Test Channel = LCH

4.1.1.1.4.1.1 Test RB = RB50#0



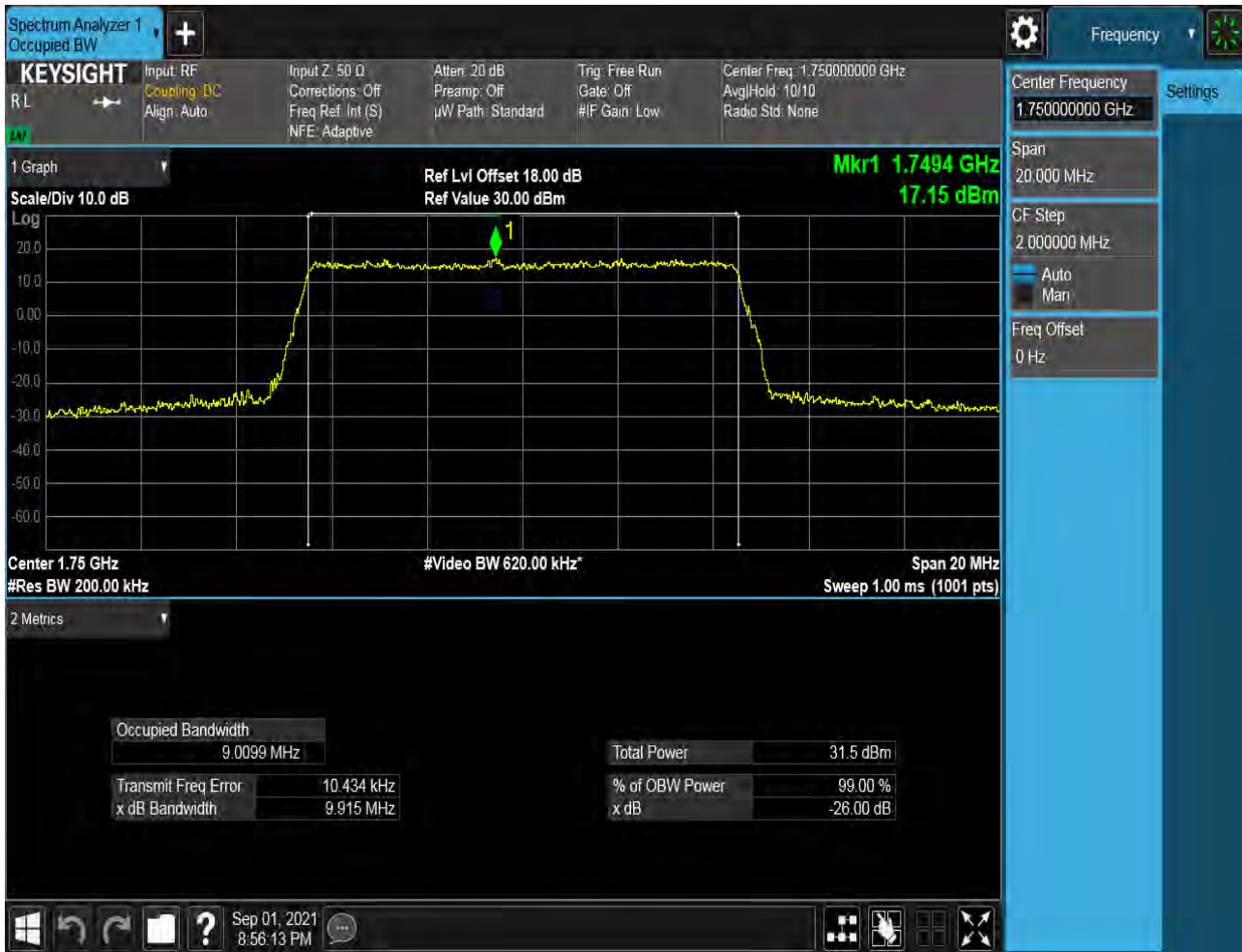
4.1.1.1.4.2 Test Channel = MCH

4.1.1.1.4.2.1 Test RB = RB50#0



4.1.1.1.4.3 Test Channel = HCH

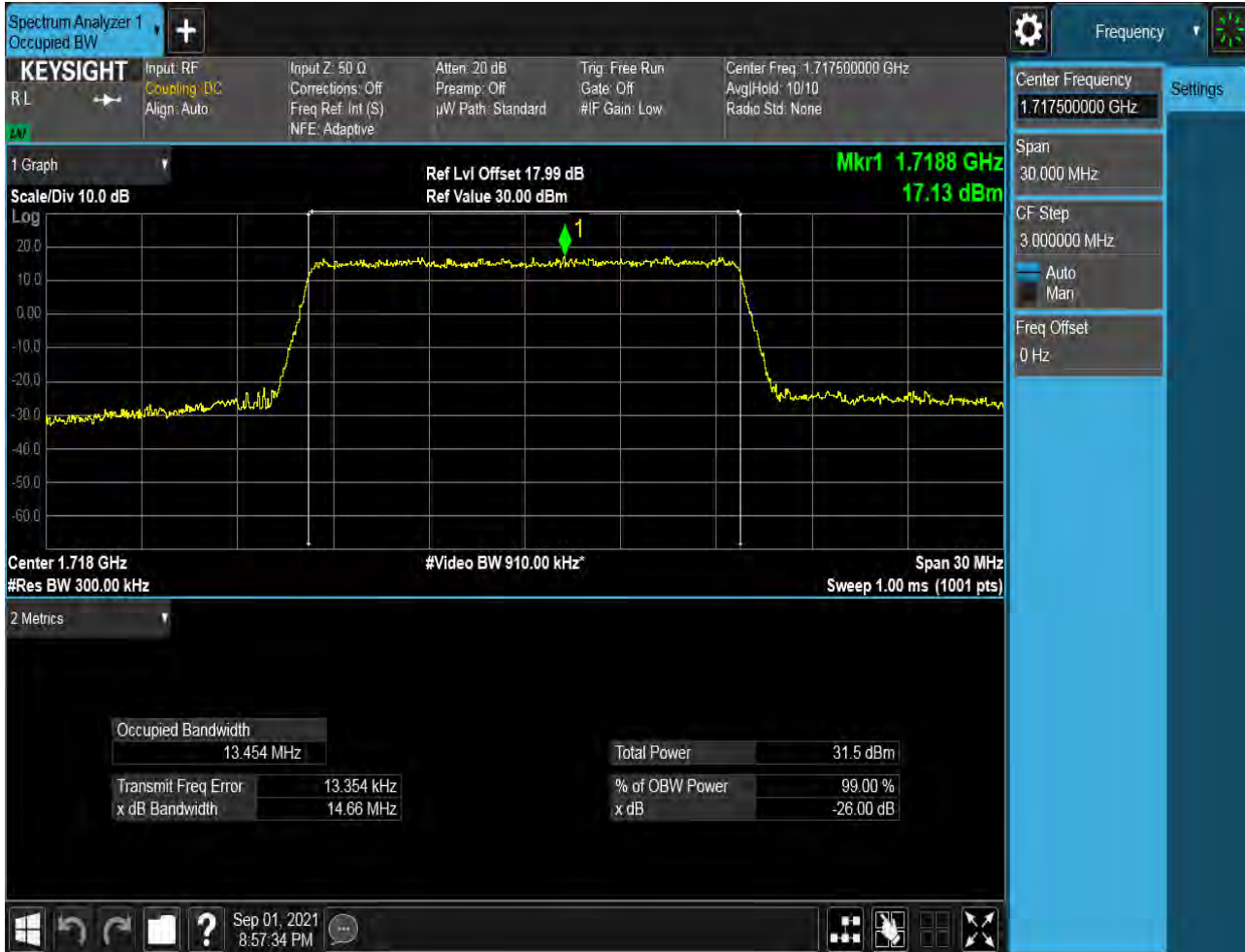
4.1.1.1.4.3.1 Test RB = RB50#0



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



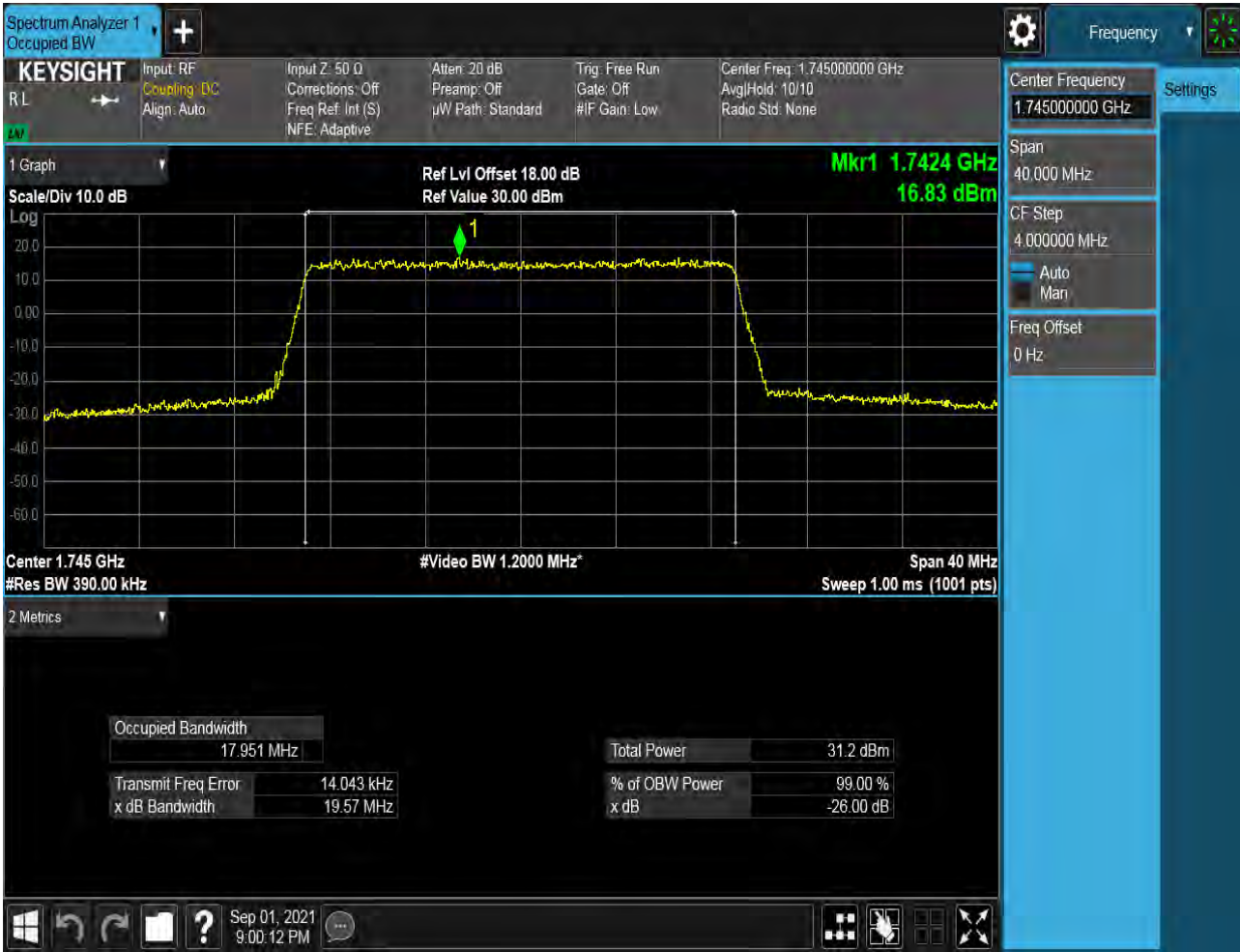
4.1.1.1.6.2 Test Channel = MCH

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

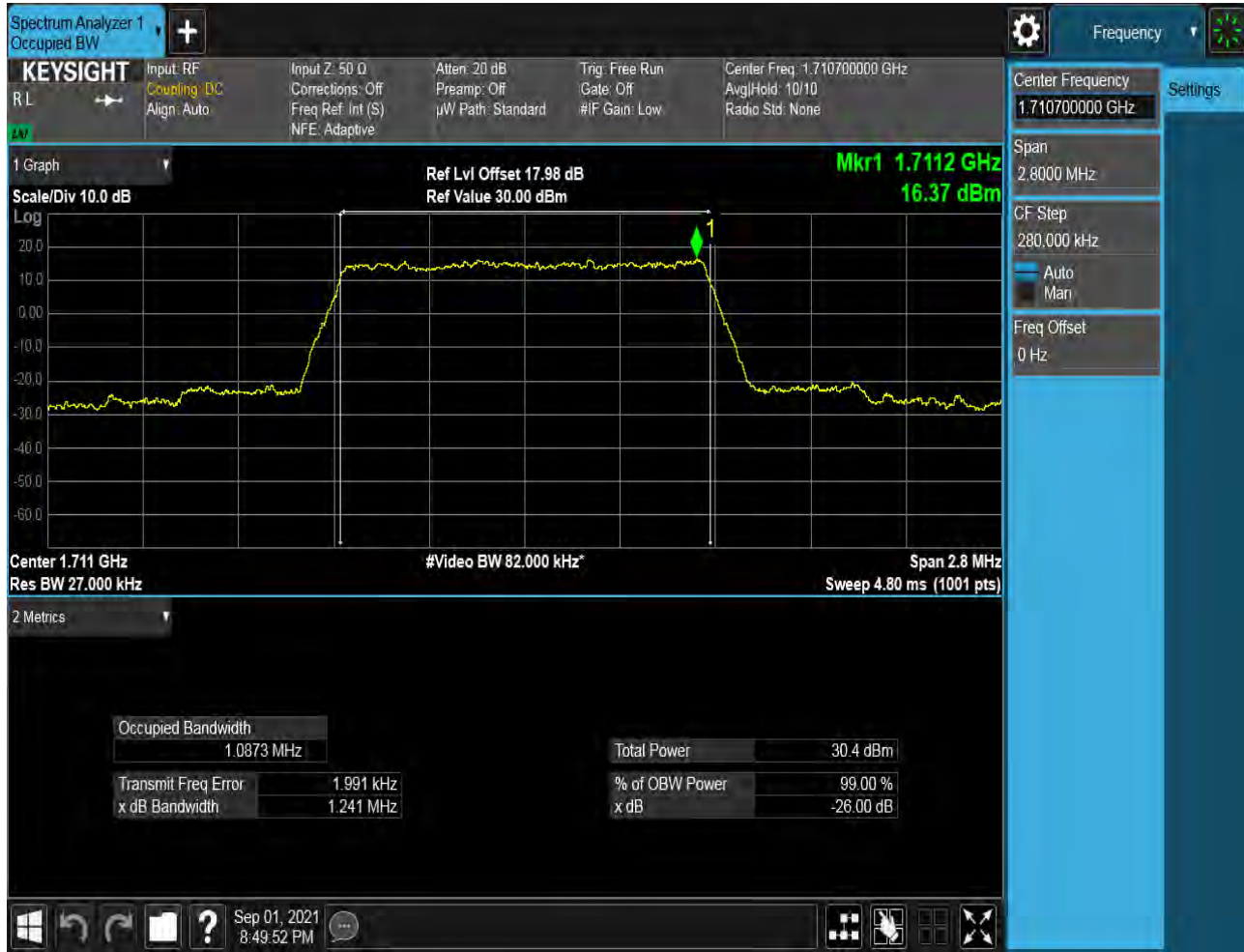


4.1.1.2 Test Mode = LTE/TM2

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

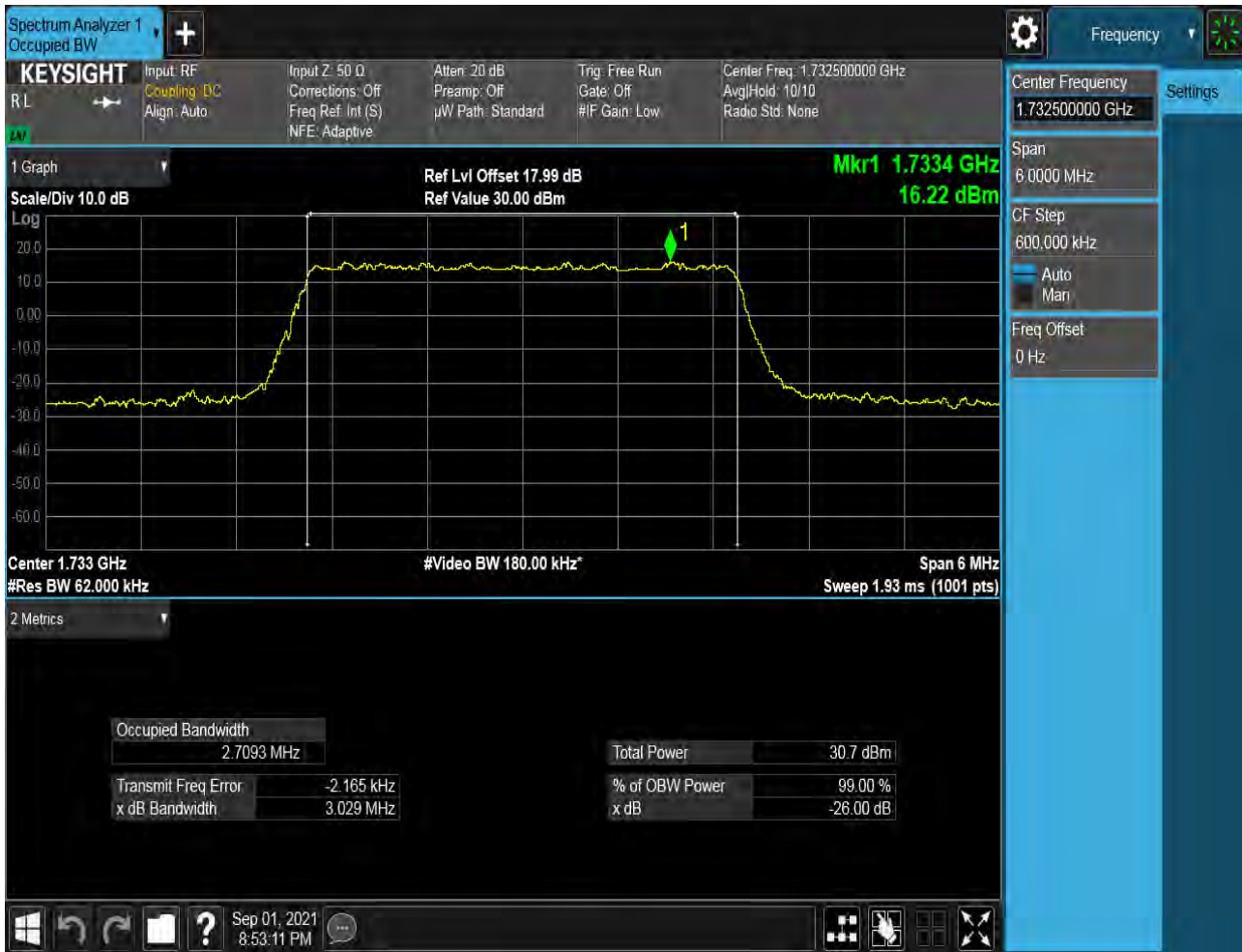
4.1.1.2.2.1 Test Channel = LCH

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

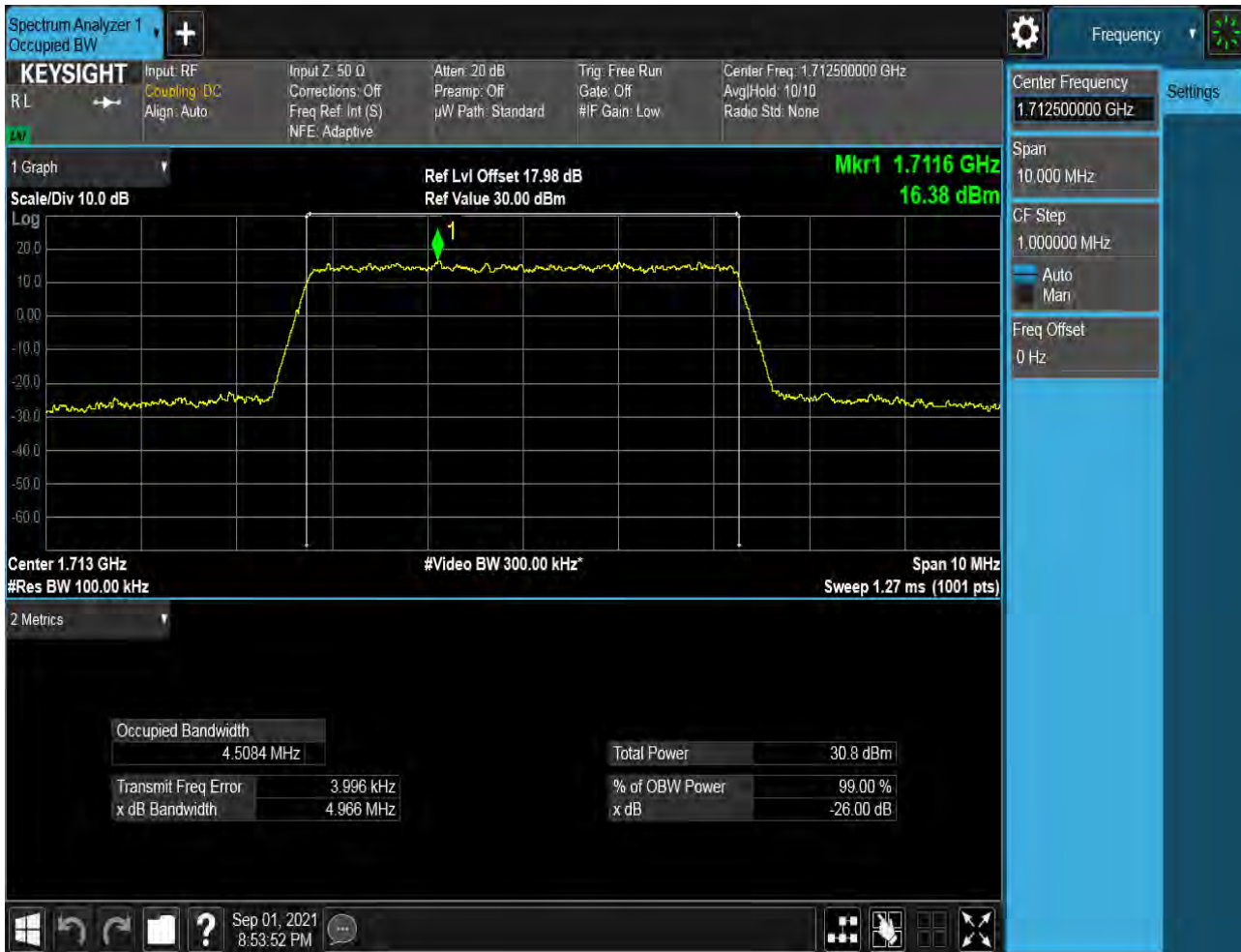
4.1.1.2.2.3.1 Test RB = RB15#0



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

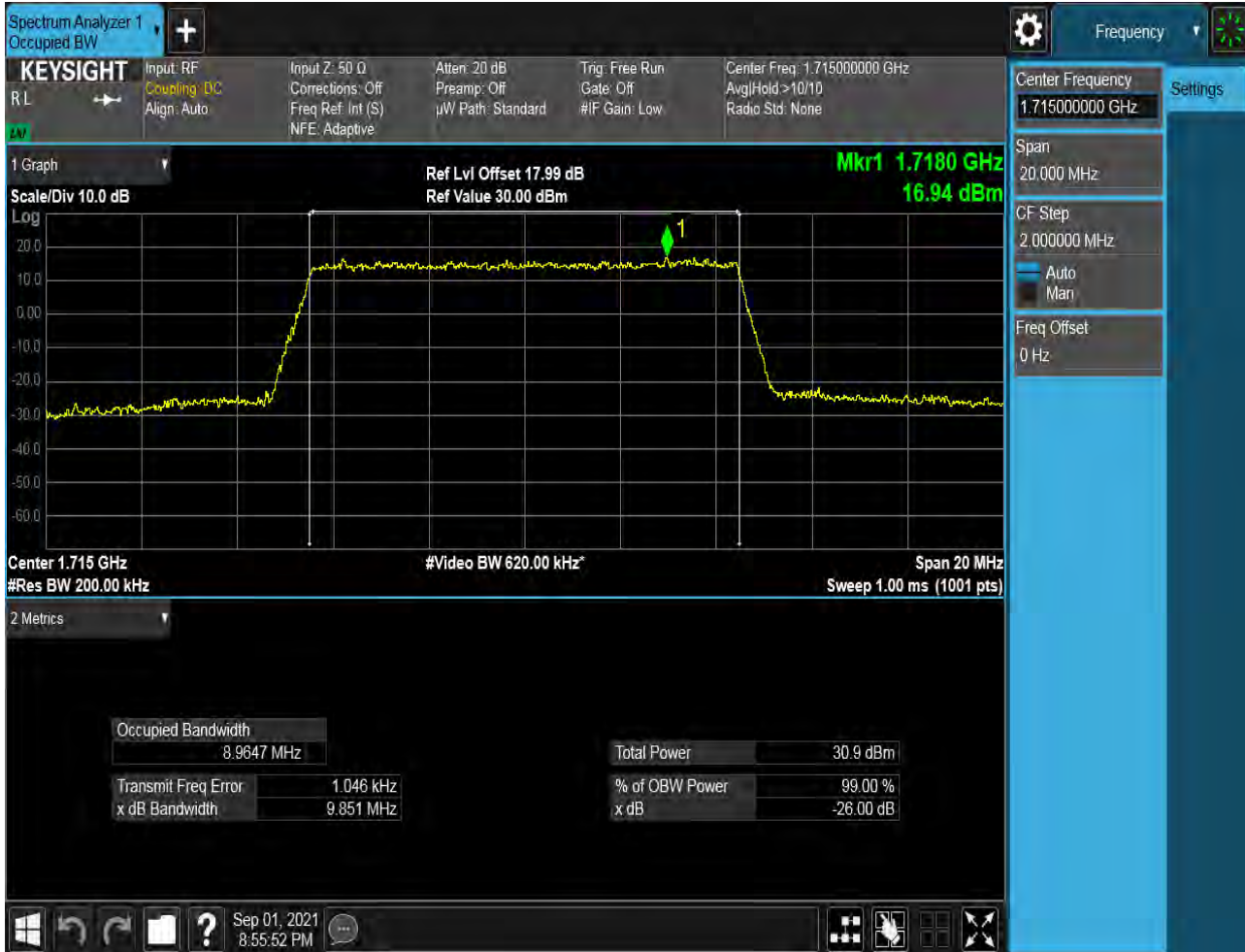
4.1.1.2.3.3.1 Test RB = RB25#0



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

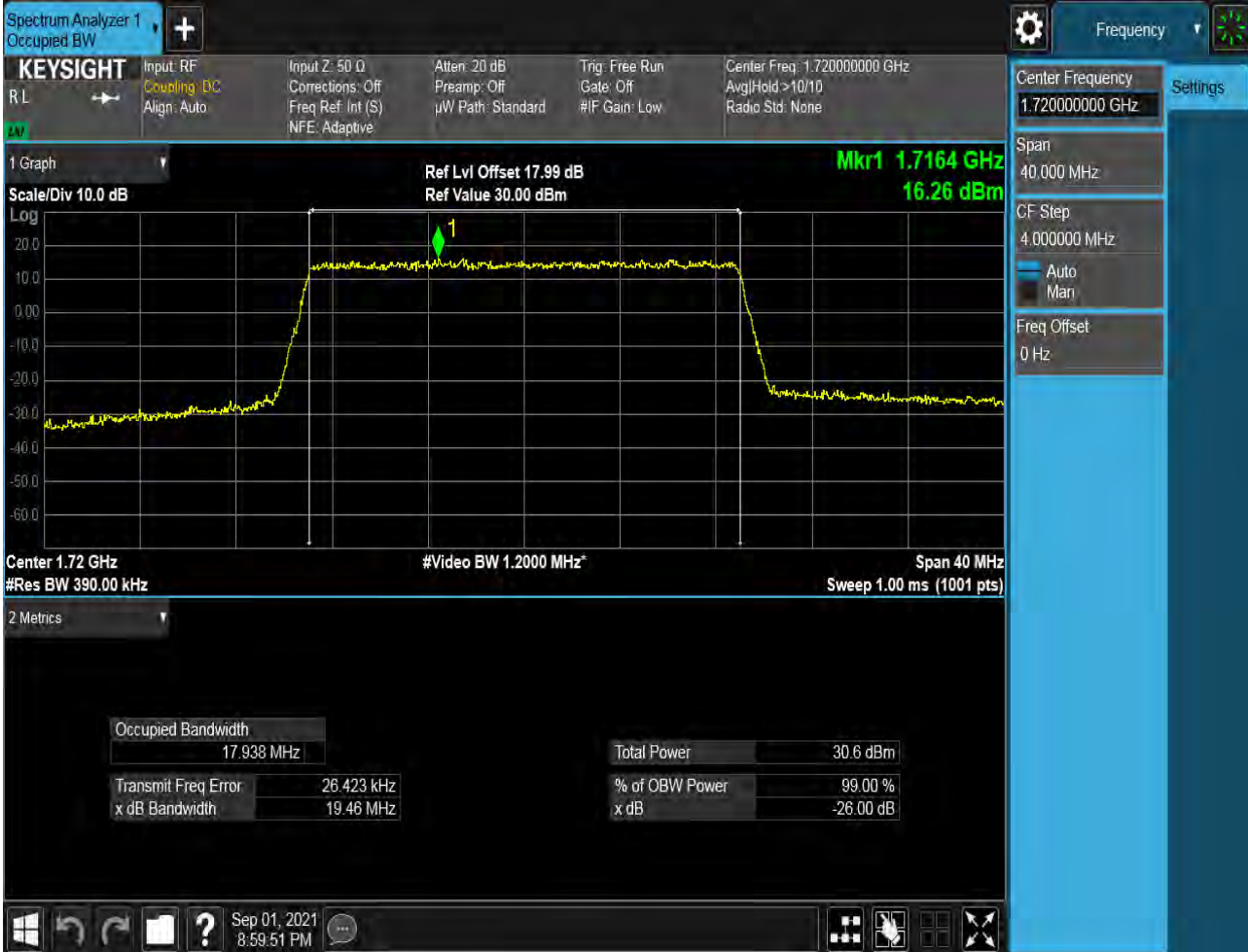
4.1.1.2.5.3.1 Test RB = RB75#0



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 = Band4

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



5.1.1.1.1.2 Test RB = RB1#5



5.1.1.1.1.3 Test RB = RB3#2



5.1.1.1.1.4 Test RB = RB6#0



5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.2.2 Test RB = RB1#5



5.1.1.1.1.2.3 Test RB = RB3#2



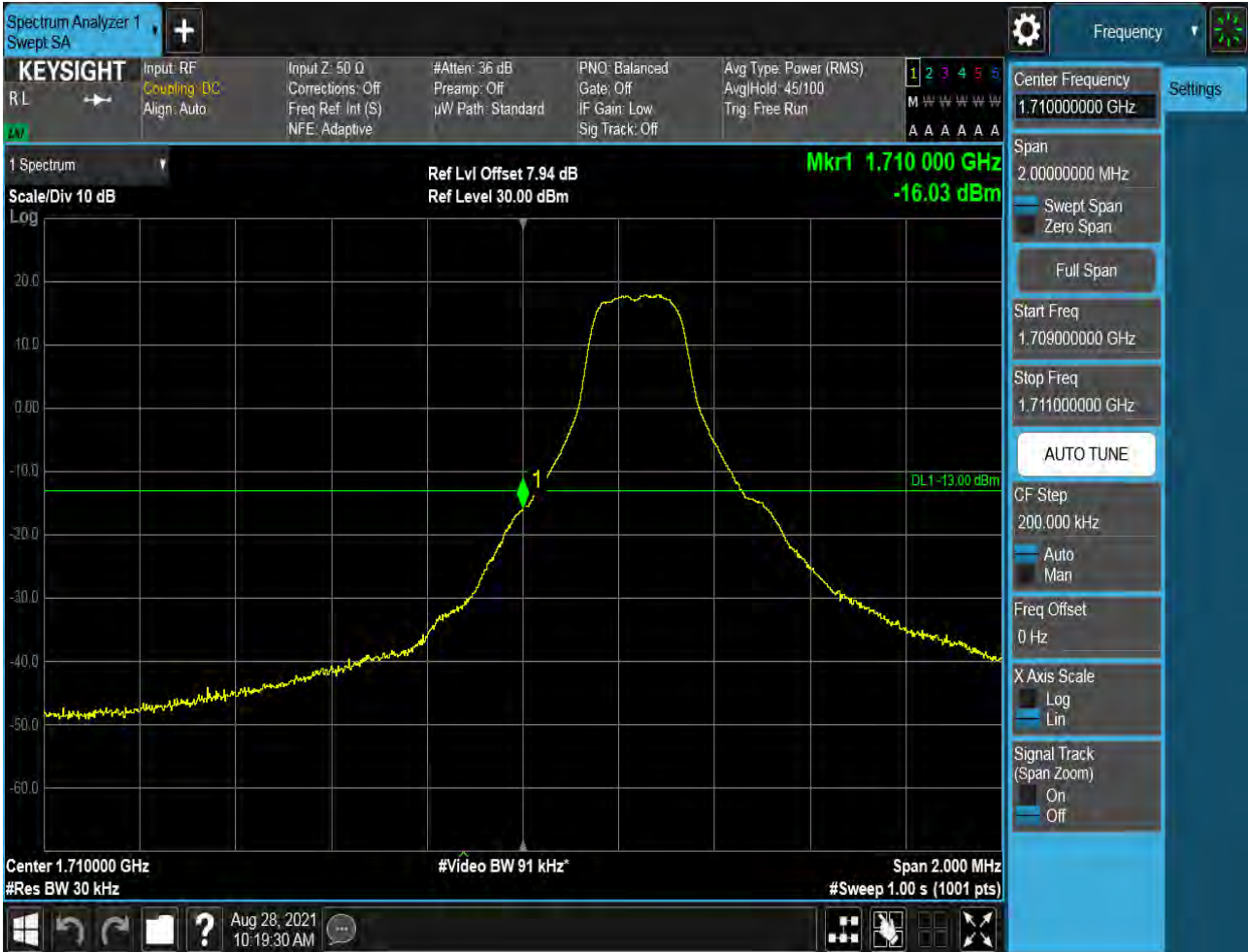
5.1.1.1.2.4 Test RB = RB6#0



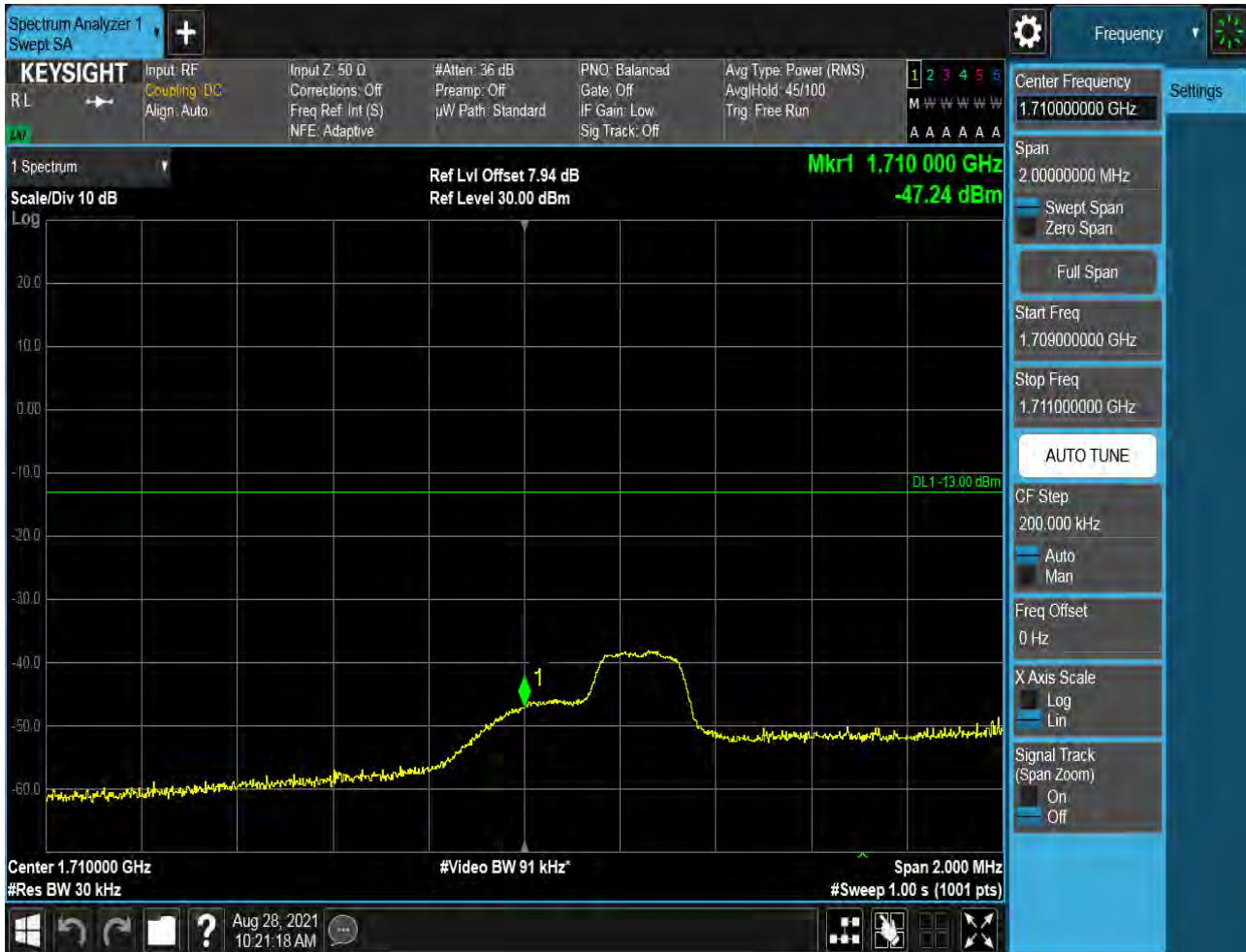
5.1.1.1.2 Test Bandwidth = 3

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



5.1.1.1.2.1.2 Test RB = RB1#14



5.1.1.1.2.1.3 Test RB = RB8#4

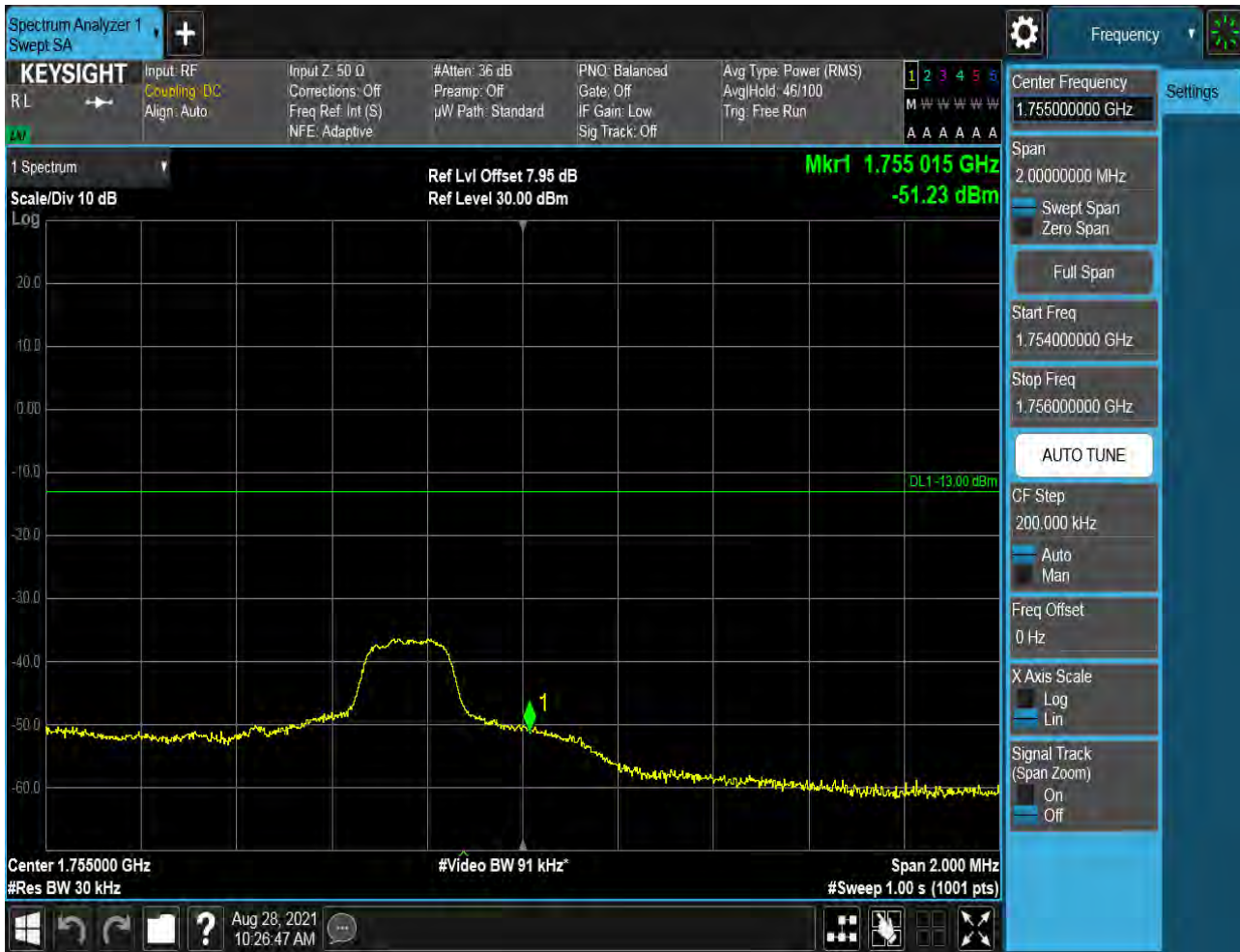


5.1.1.1.2.1.4 Test RB = RB15#0

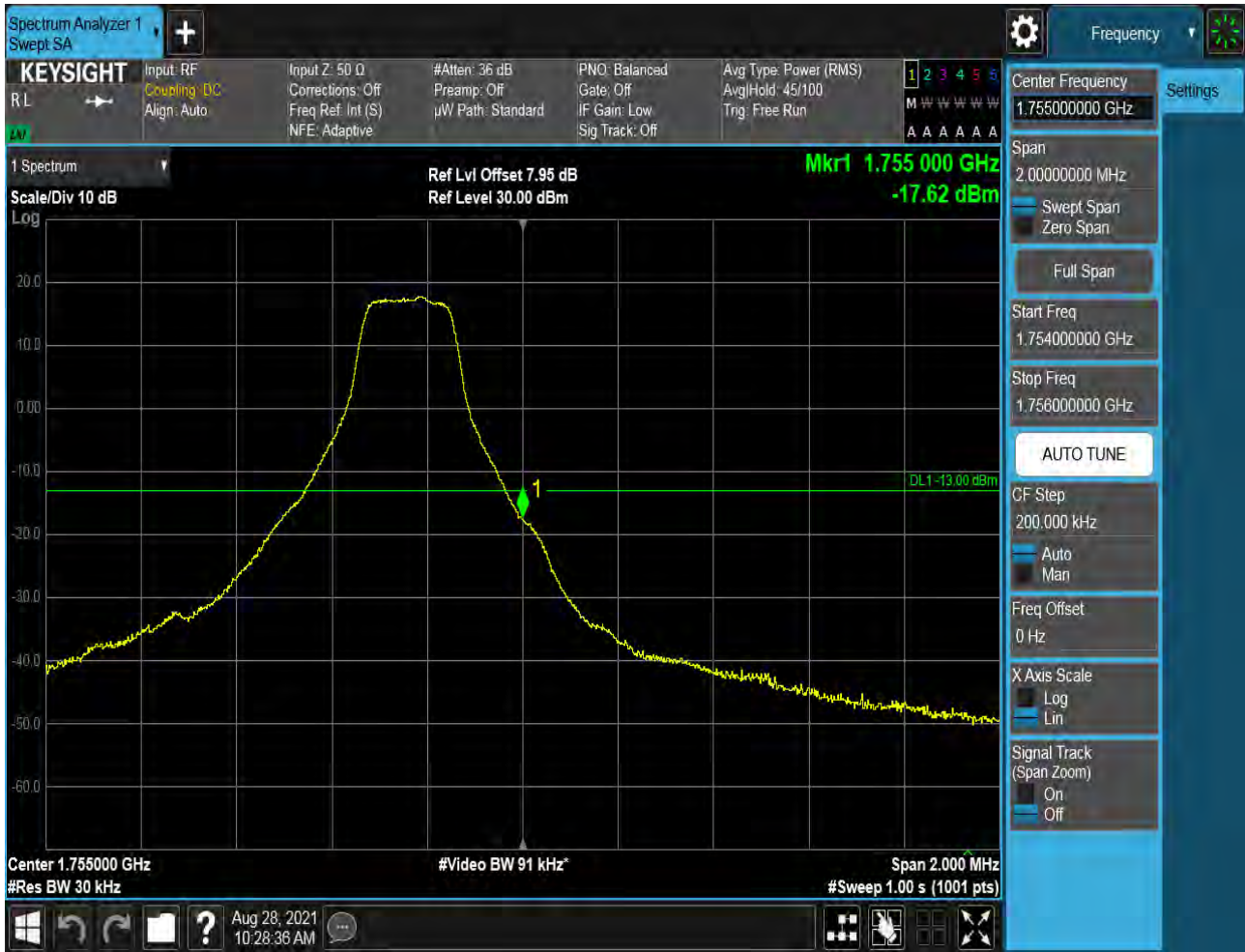


5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



5.1.1.1.2.2.2 Test RB = RB1#14



5.1.1.1.2.2.3 Test RB = RB8#4



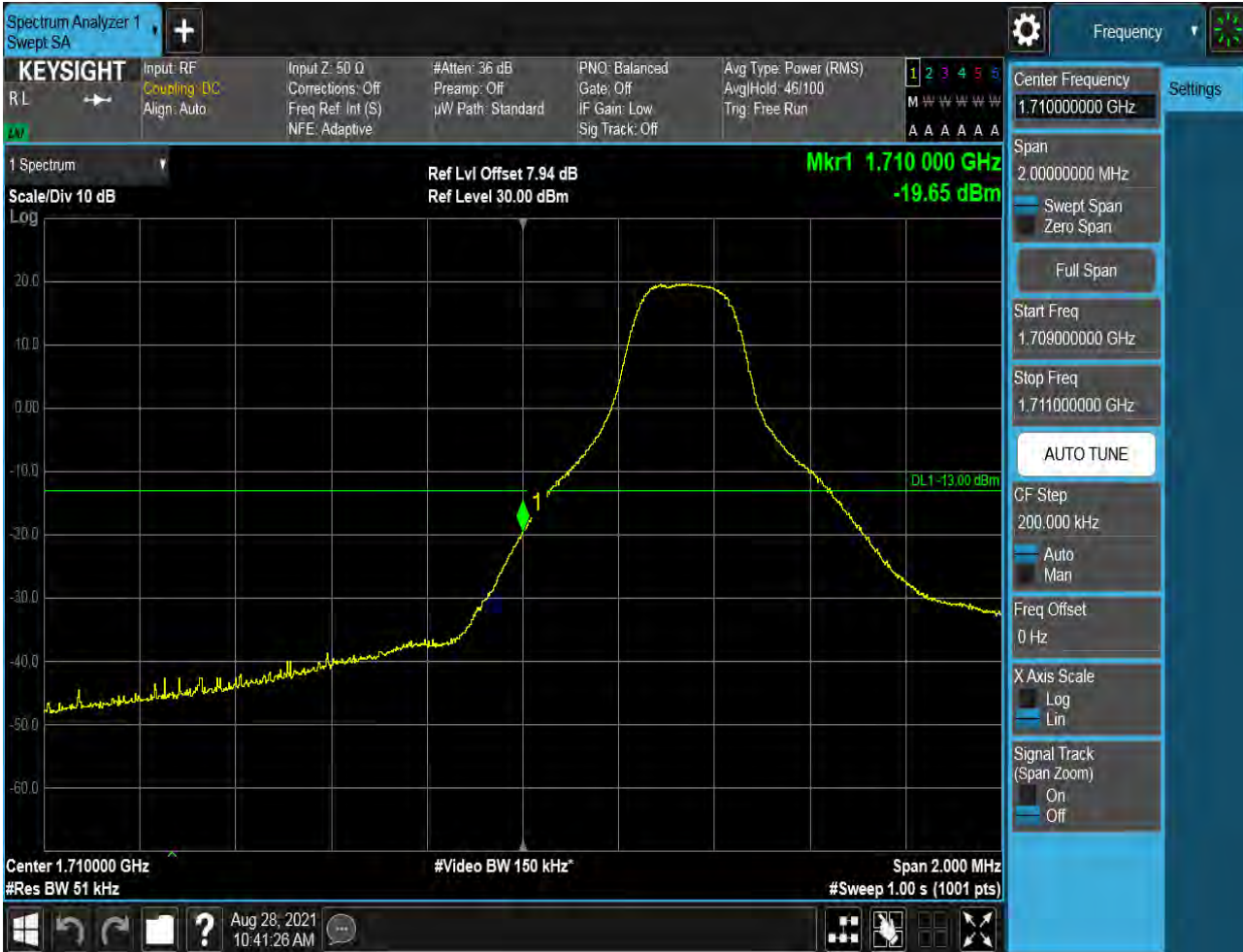
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



5.1.1.1.3.1.2 Test RB = RB1#24



5.1.1.1.3.1.3 Test RB = RB12#6

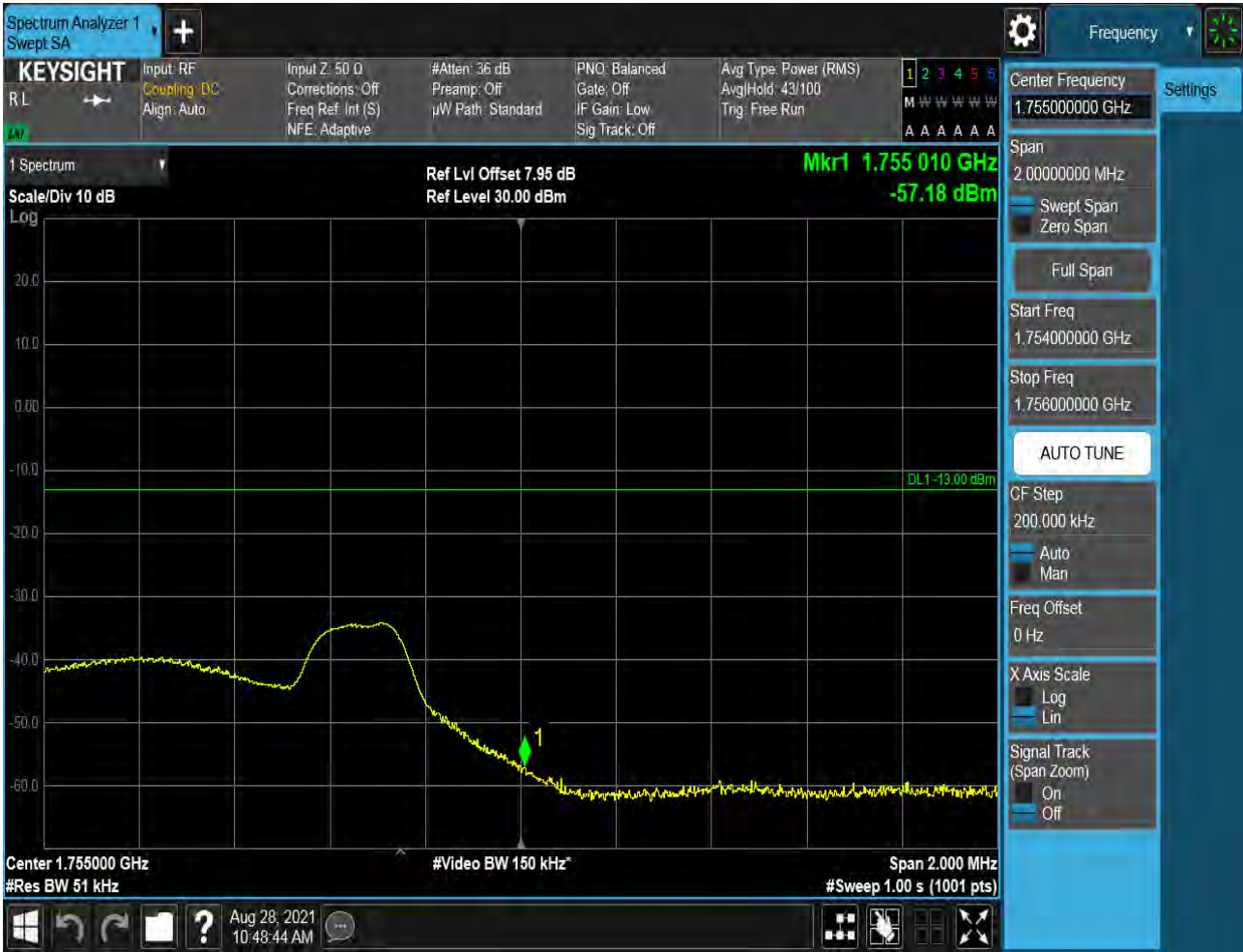


5.1.1.1.3.1.4 Test RB = RB25#0



5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0



5.1.1.1.3.2.2 Test RB = RB1#24



5.1.1.1.3.2.3 Test RB = RB12#6



5.1.1.1.3.2.4 Test RB = RB25#0



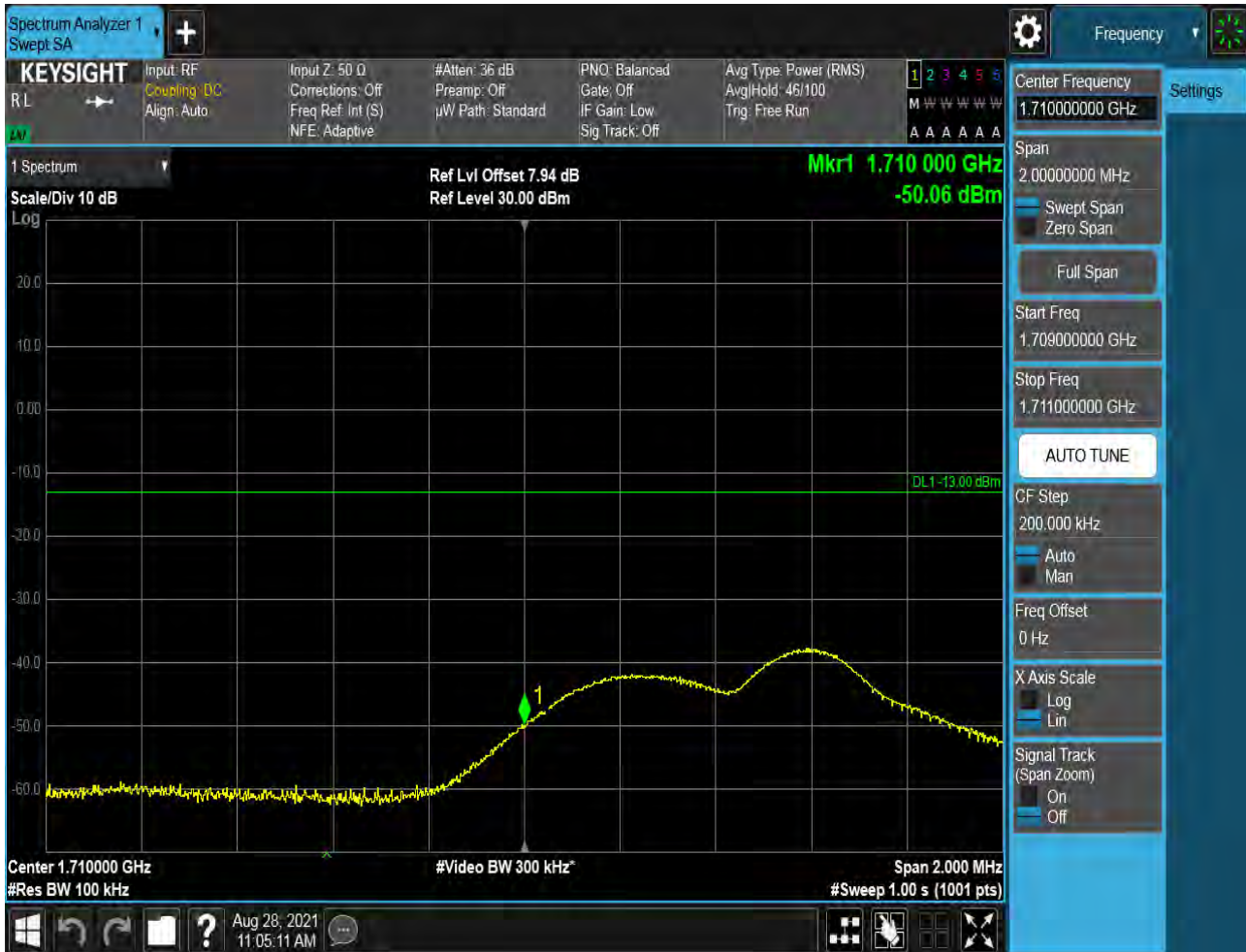
5.1.1.1.4 Test Bandwidth = 10

5.1.1.1.4.1 Test Channel = LCH

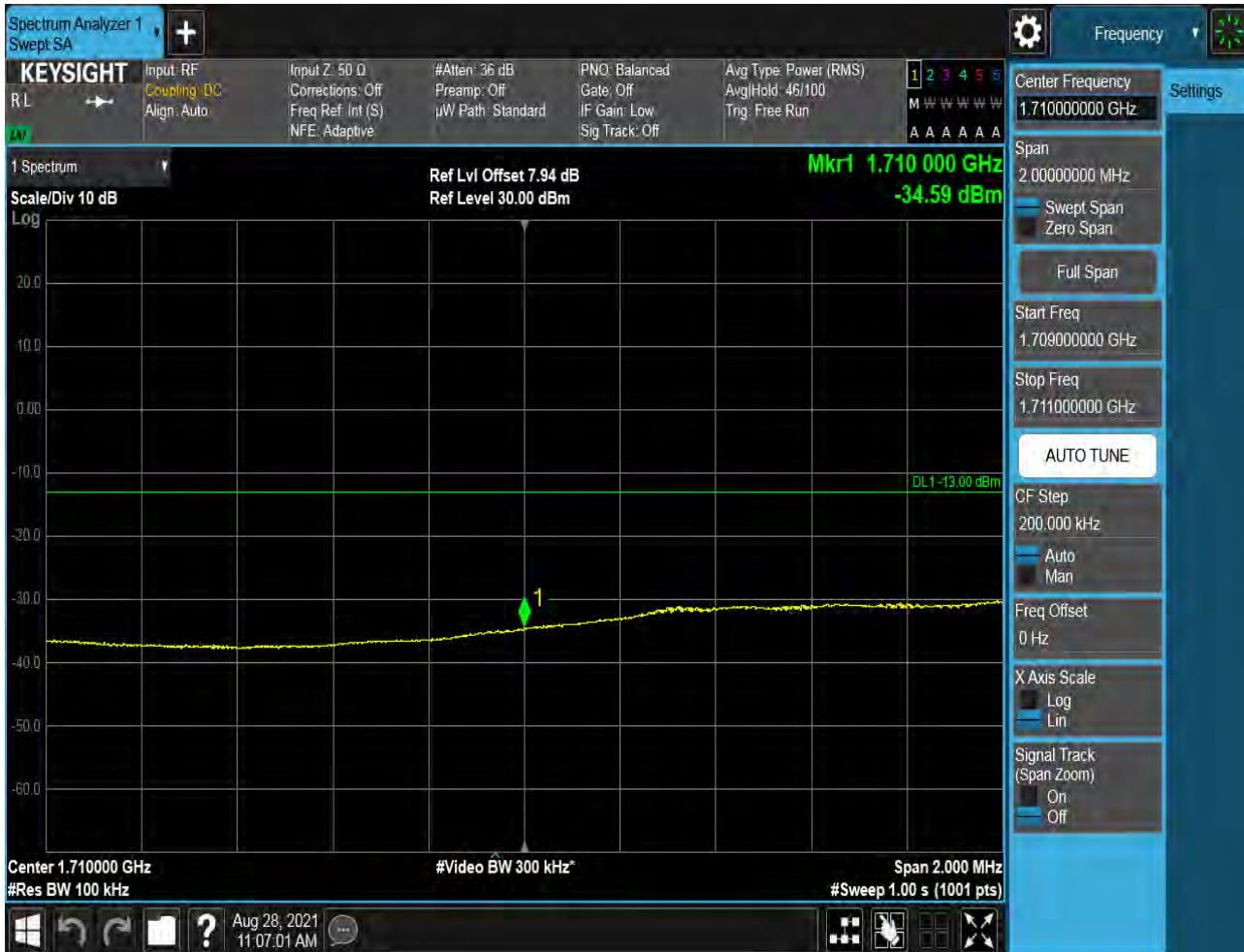
5.1.1.1.4.1.1 Test RB = RB1#0



5.1.1.1.4.1.2 Test RB = RB1#49



5.1.1.1.4.1.3 Test RB = RB25#13



5.1.1.1.4.1.4 Test RB = RB50#0



5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0



5.1.1.1.4.2.2 Test RB = RB1#49



5.1.1.1.4.2.3 Test RB = RB25#13



5.1.1.1.4.2.4 Test RB = RB50#0



5.1.1.1.5 Test Bandwidth = 15

5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



5.1.1.1.5.1.2 Test RB = RB1#74



5.1.1.1.5.1.3 Test RB = RB38#19

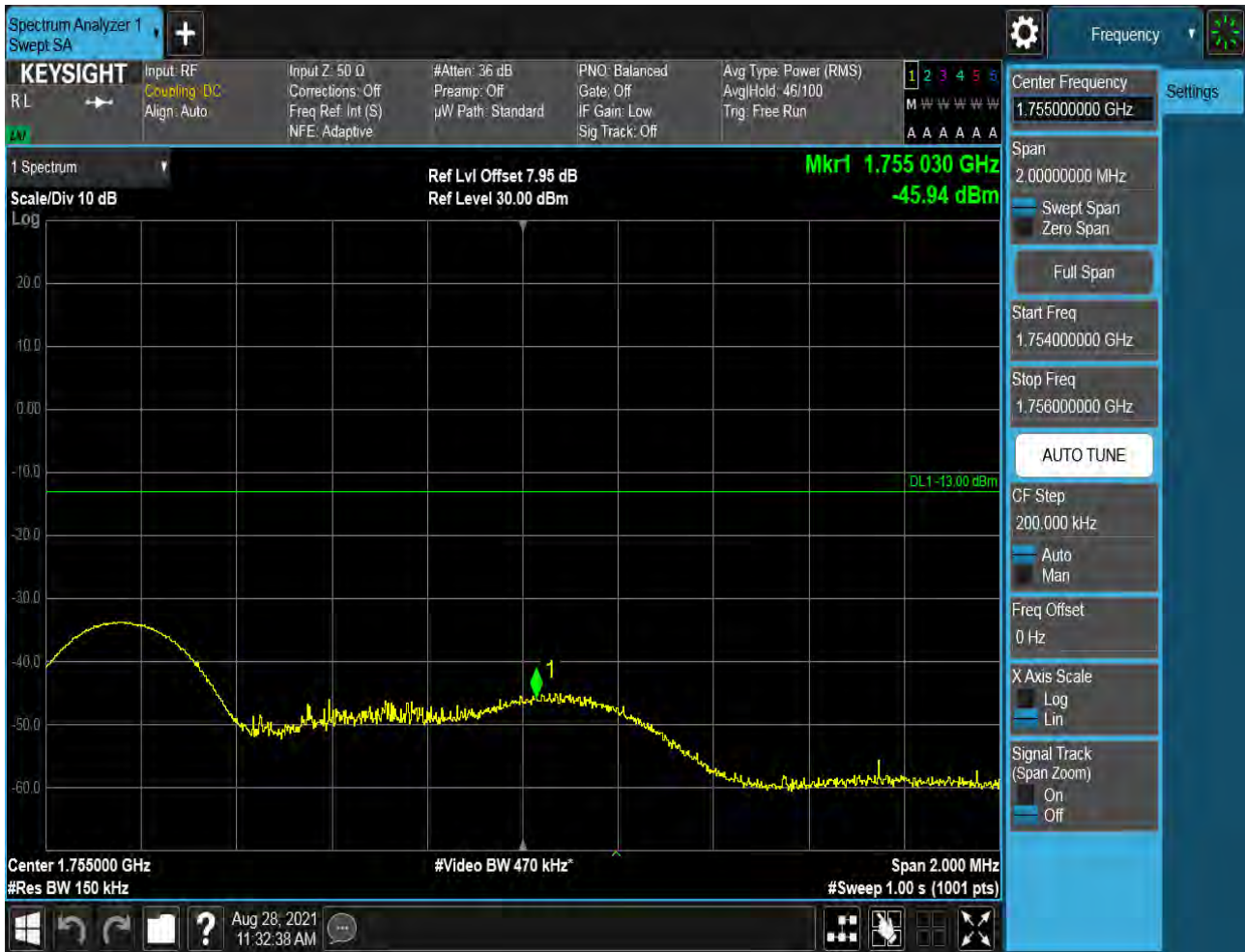


5.1.1.1.5.1.4 Test RB = RB75#0



5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0



5.1.1.1.5.2.2 Test RB = RB1#74



5.1.1.1.5.2.3 Test RB = RB38#19



5.1.1.1.5.2.4 Test RB = RB75#0



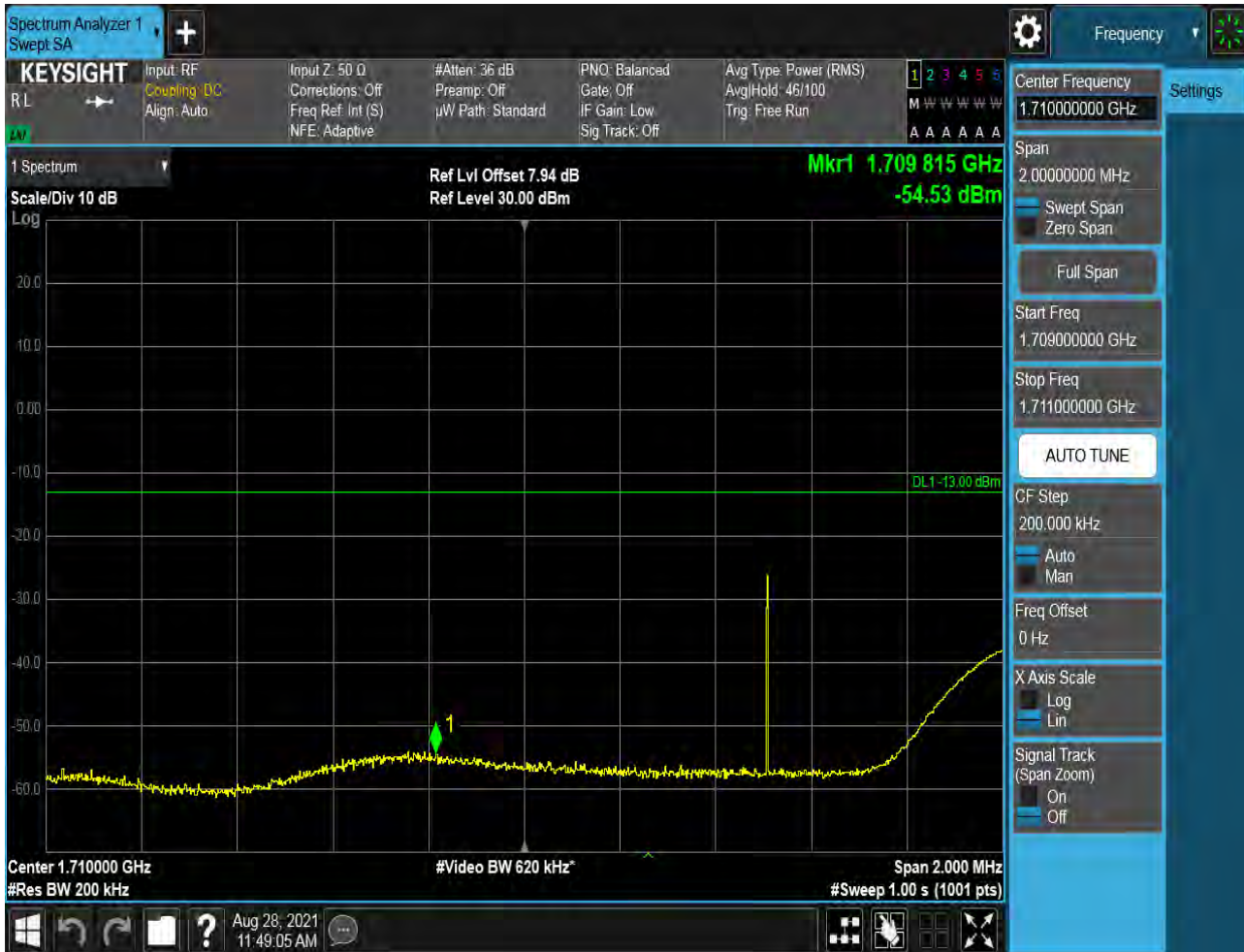
5.1.1.1.6 Test Bandwidth = 20

5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



5.1.1.1.6.1.2 Test RB = RB1#99



5.1.1.1.6.1.3 Test RB = RB50#25



5.1.1.1.6.1.4 Test RB = RB100#0



5.1.1.1.6.2 Test Channel = HCH

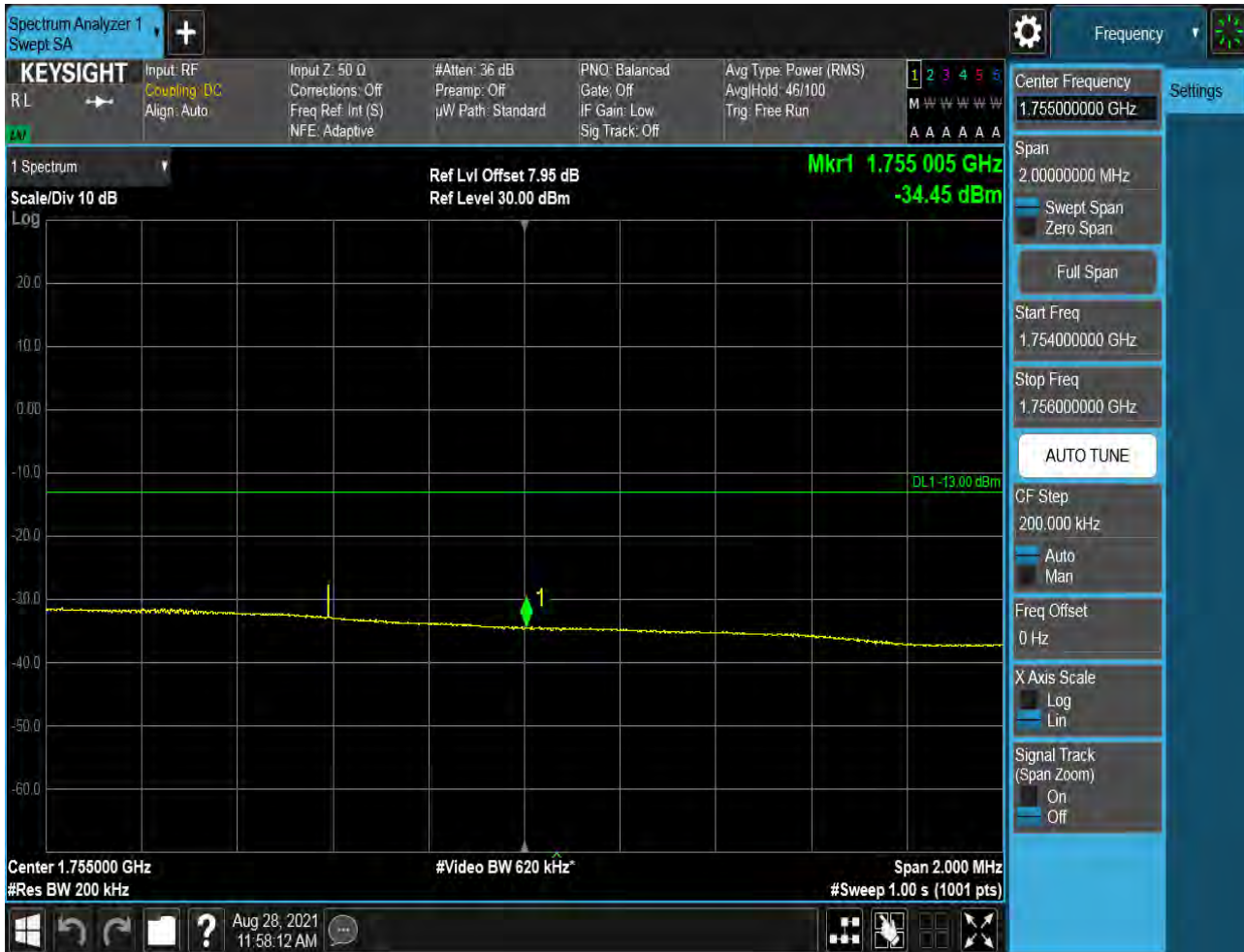
5.1.1.1.6.2.1 Test RB = RB1#0



5.1.1.1.6.2.2 Test RB = RB1#99



5.1.1.1.6.2.3 Test RB = RB50#25



5.1.1.1.6.2.4 Test RB = RB100#0

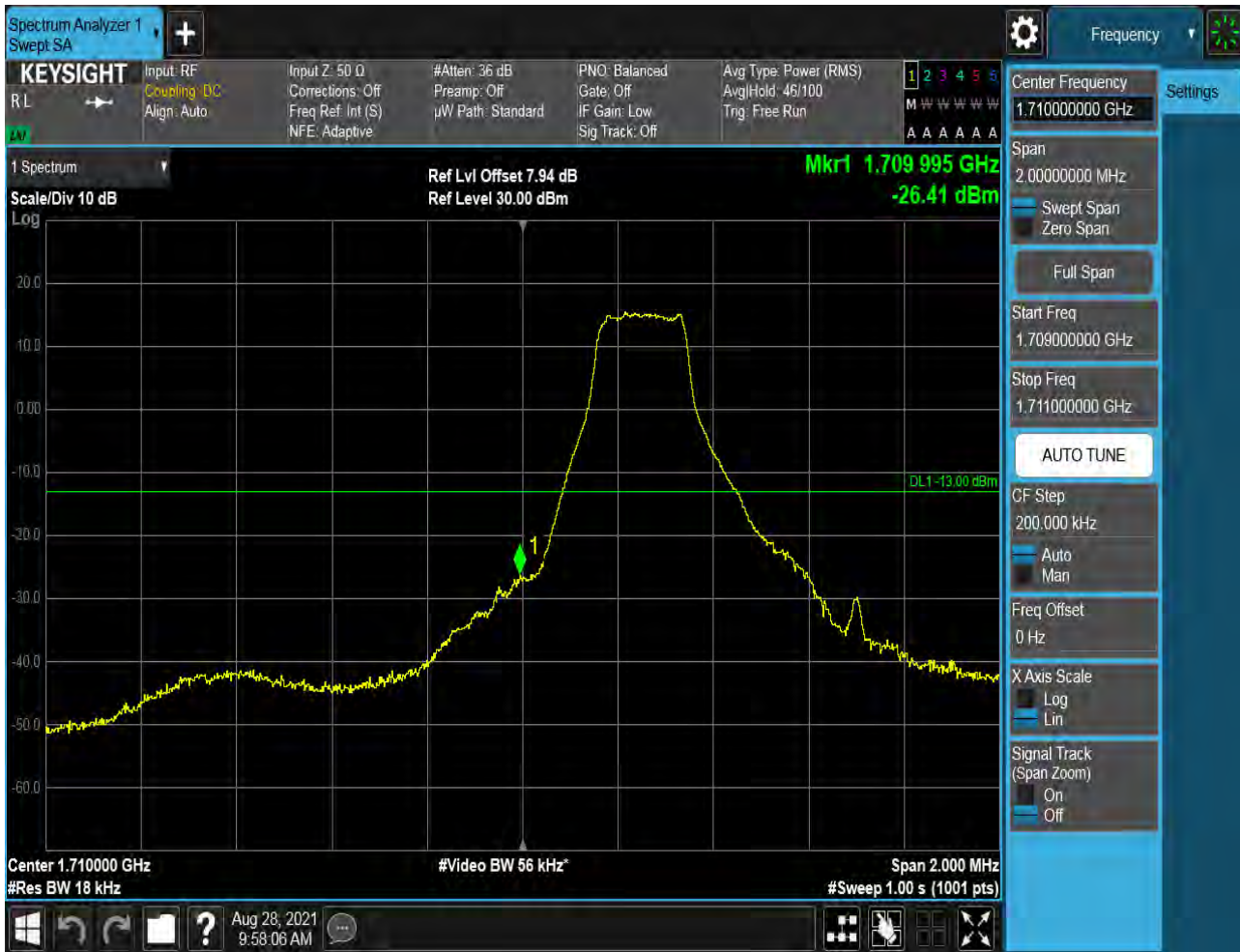


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0



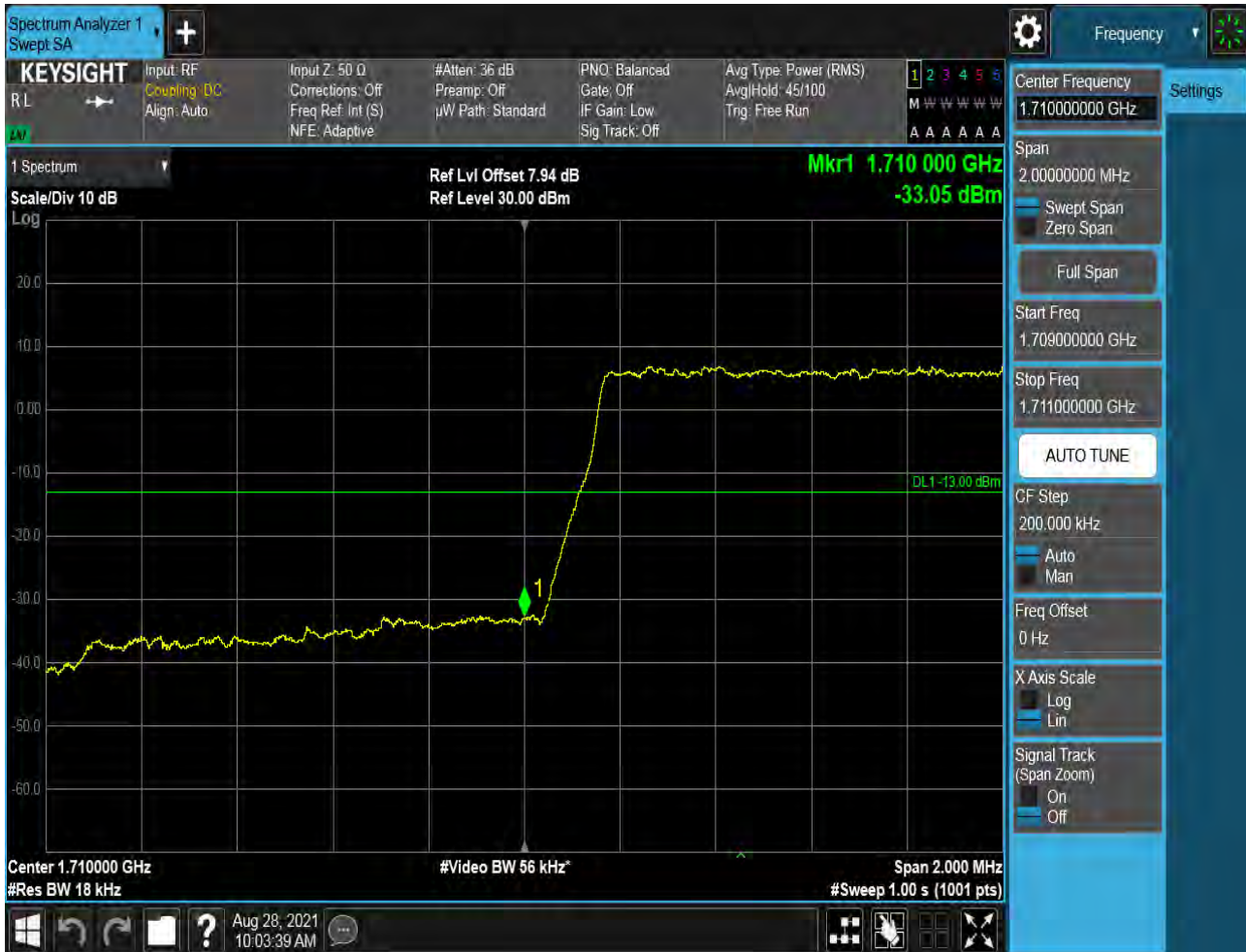
5.1.1.2.1.1.2 Test RB = RB1#5



5.1.1.2.1.1.3 Test RB = RB3#2



5.1.1.2.1.1.4 Test RB = RB6#0

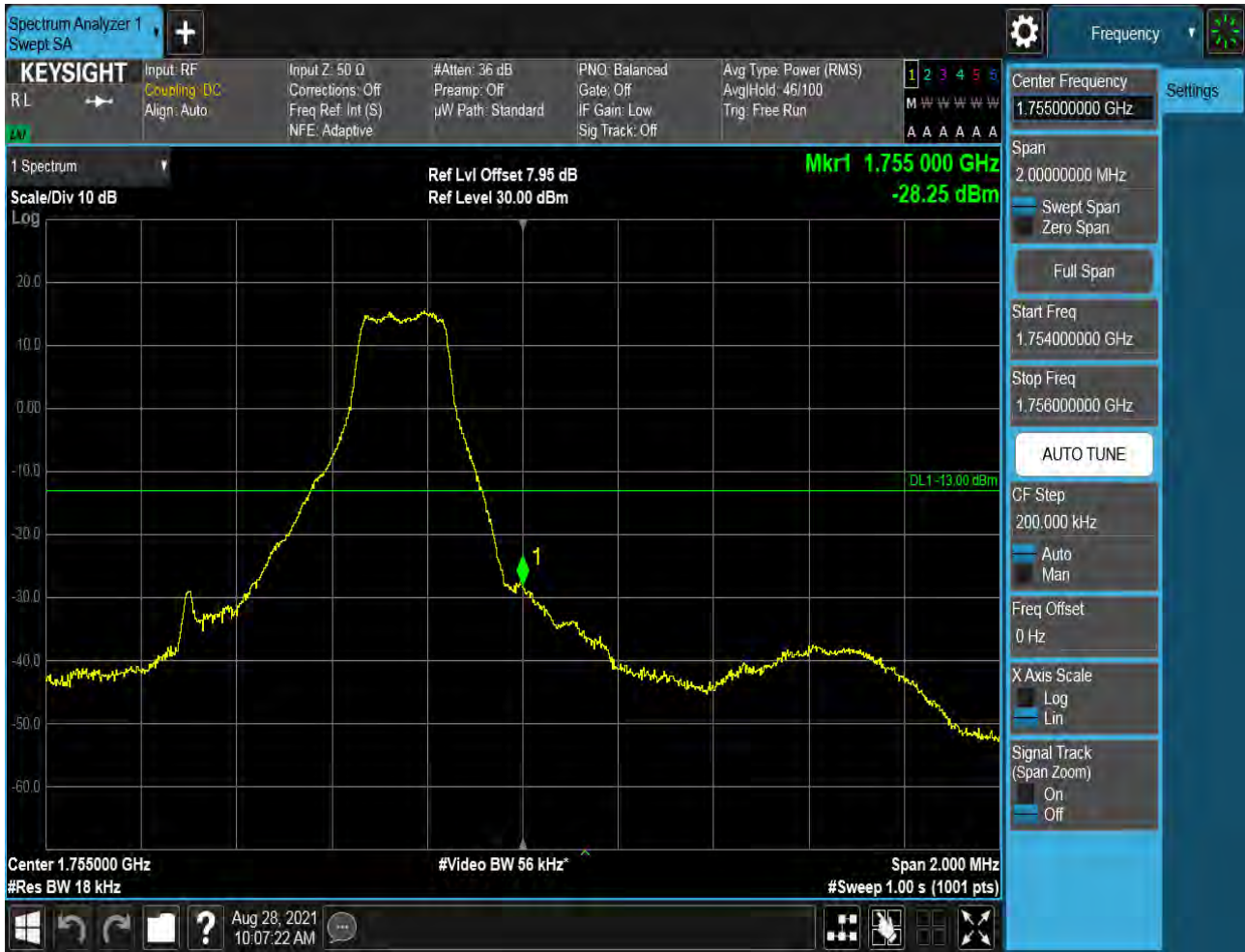


5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0



5.1.1.2.1.2.2 Test RB = RB1#5



5.1.1.2.1.2.3 Test RB = RB3#2



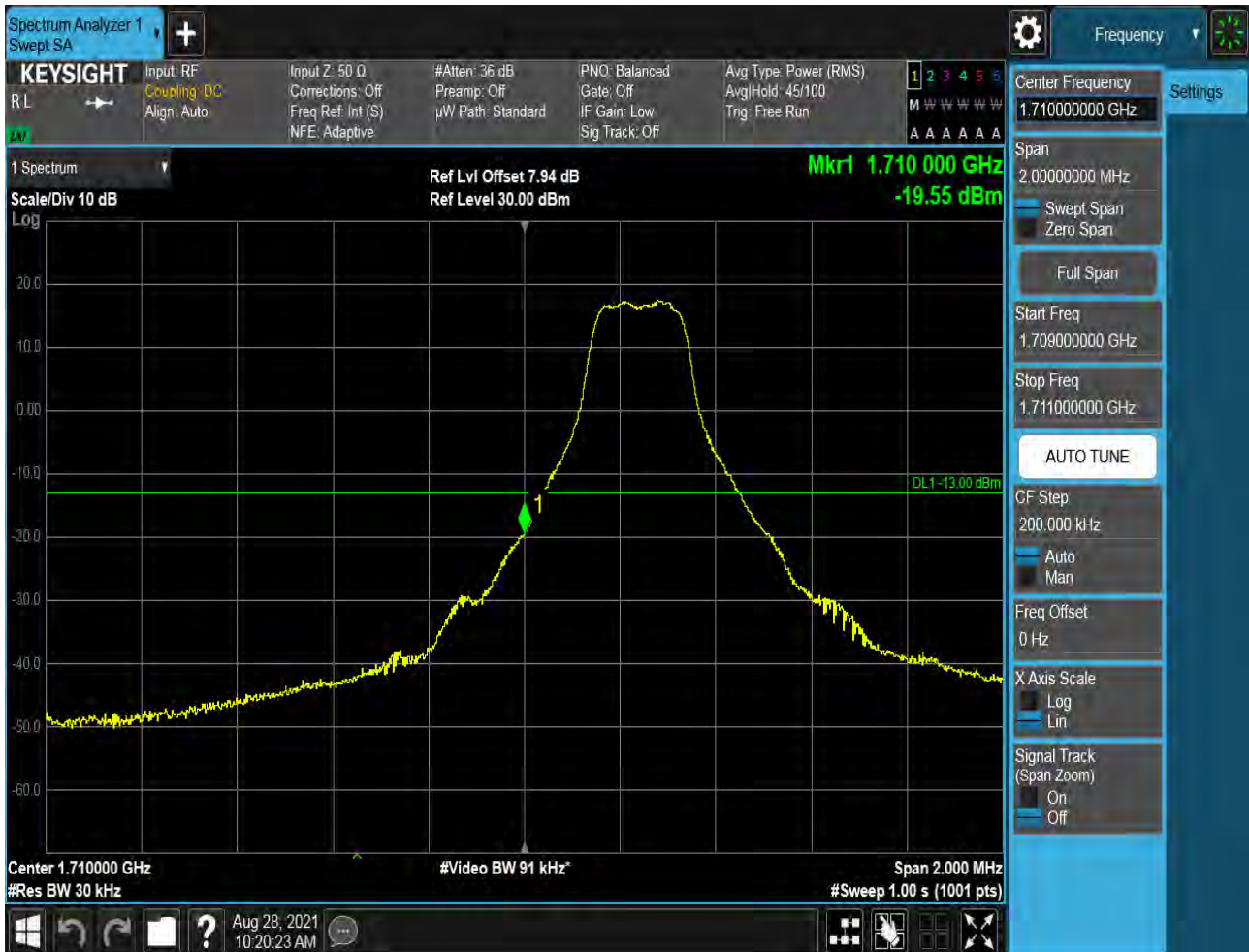
5.1.1.2.1.2.4 Test RB = RB6#0



5.1.1.2.2 Test Bandwidth = 3

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 Test RB = RB1#0



5.1.1.2.2.1.2 Test RB = RB1#14



5.1.1.2.2.1.3 Test RB = RB8#4

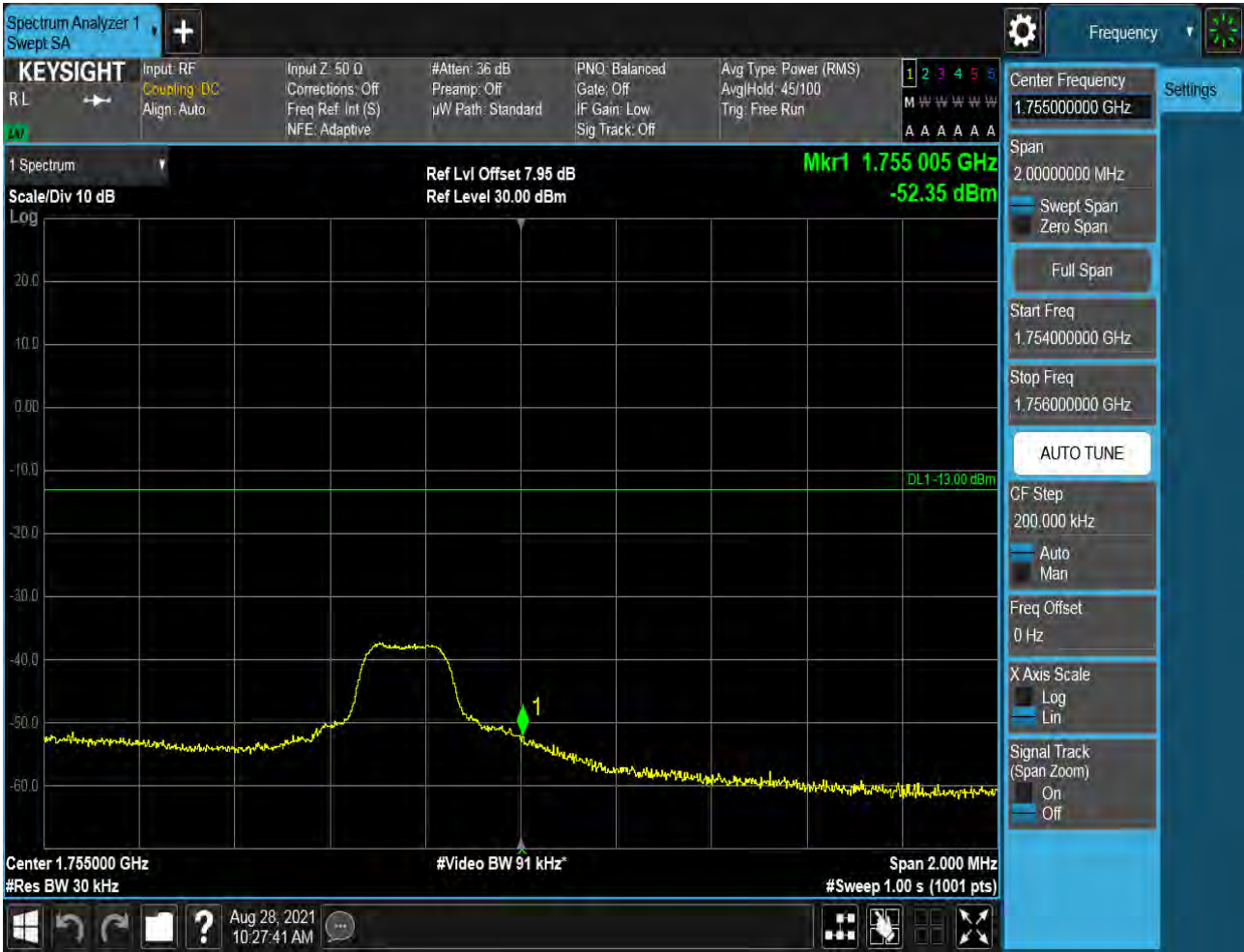


5.1.1.2.2.1.4 Test RB = RB15#0

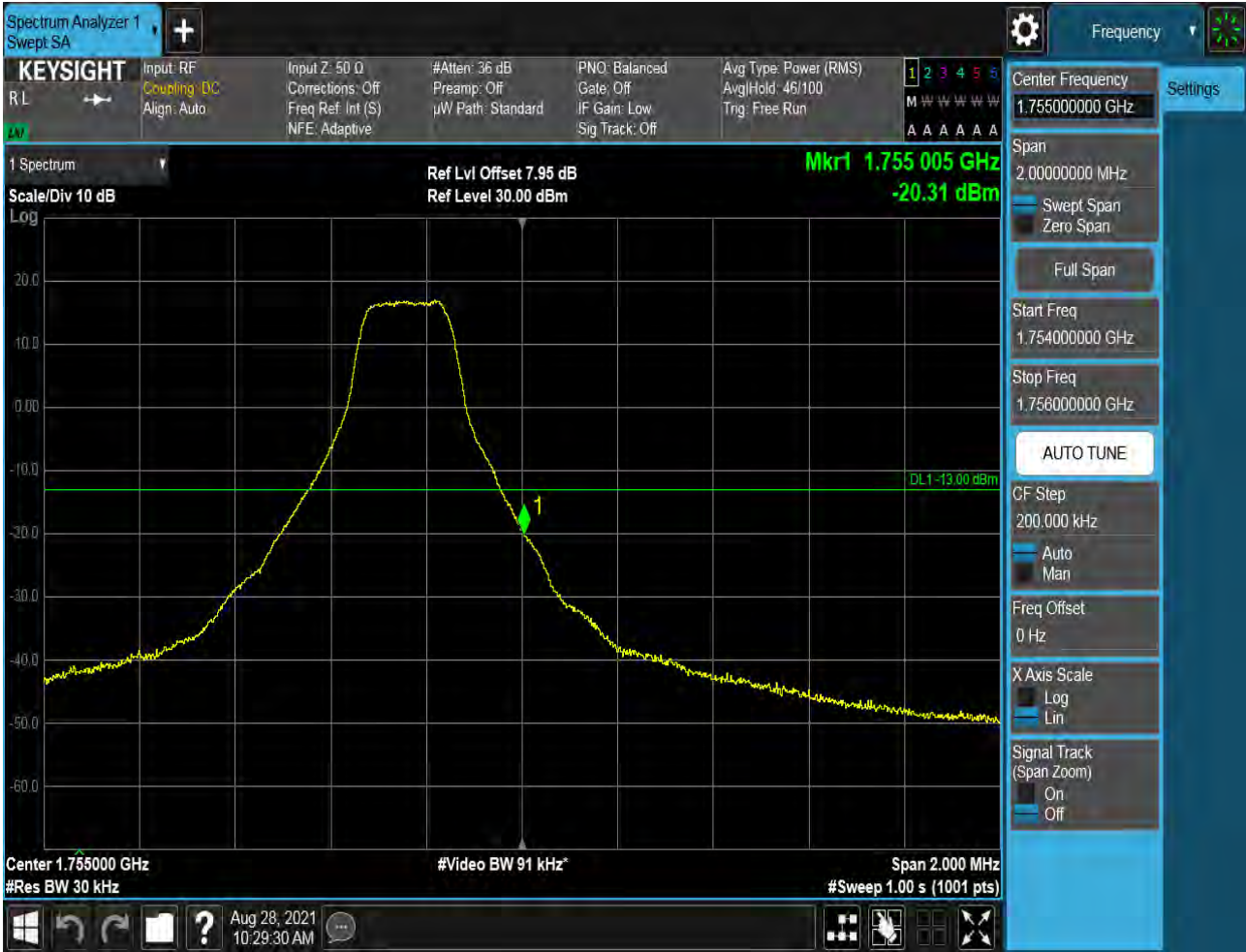


5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



5.1.1.2.2.2 Test RB = RB1#14



5.1.1.2.2.2.3 Test RB = RB8#4



5.1.1.2.2.4 Test RB = RB15#0



5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0



5.1.1.2.3.1.2 Test RB = RB1#24



5.1.1.2.3.1.3 Test RB = RB12#6

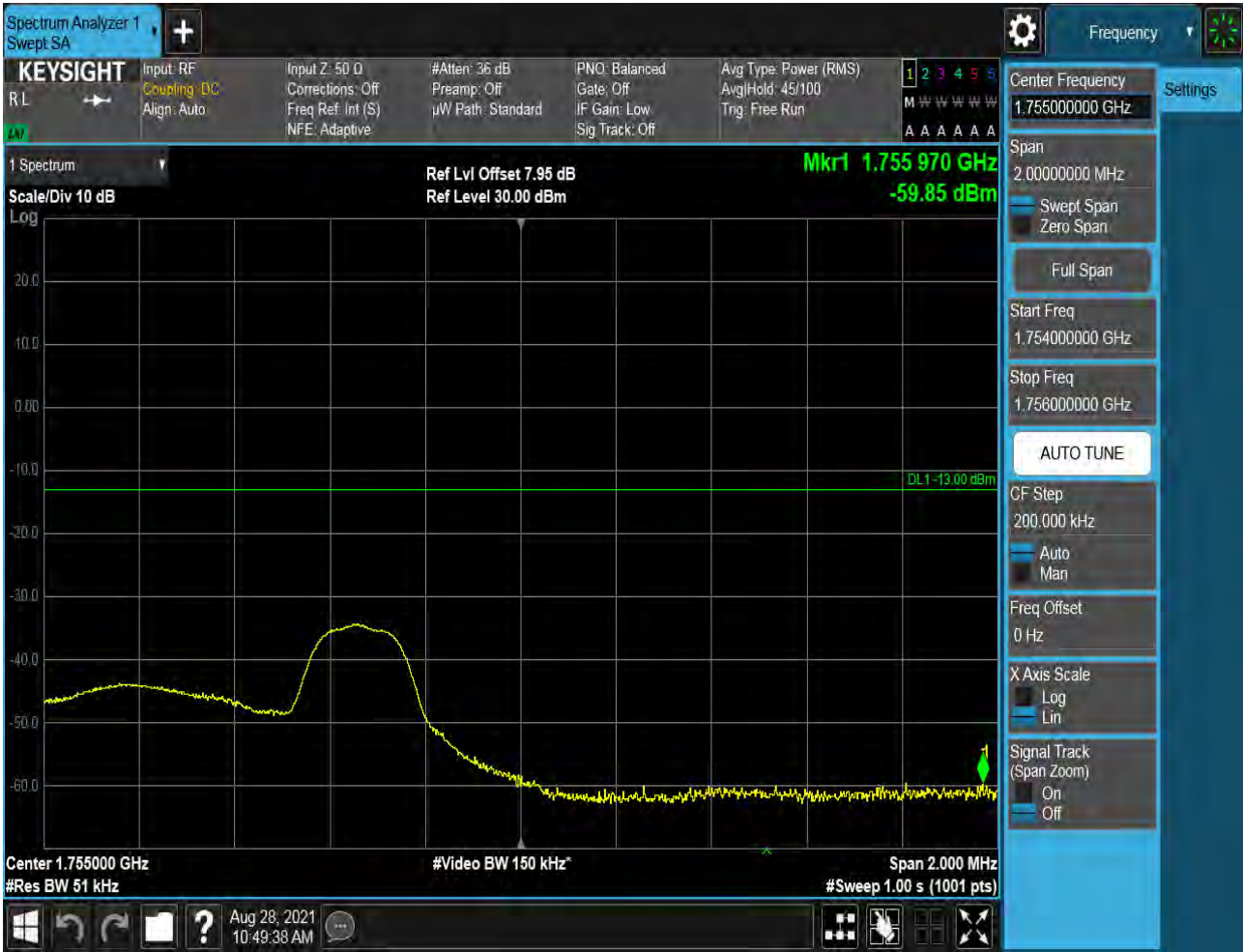


5.1.1.2.3.1.4 Test RB = RB25#0



5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0



5.1.1.2.3.2.2 Test RB = RB1#24



5.1.1.2.3.2.3 Test RB = RB12#6



5.1.1.2.3.2.4 Test RB = RB25#0



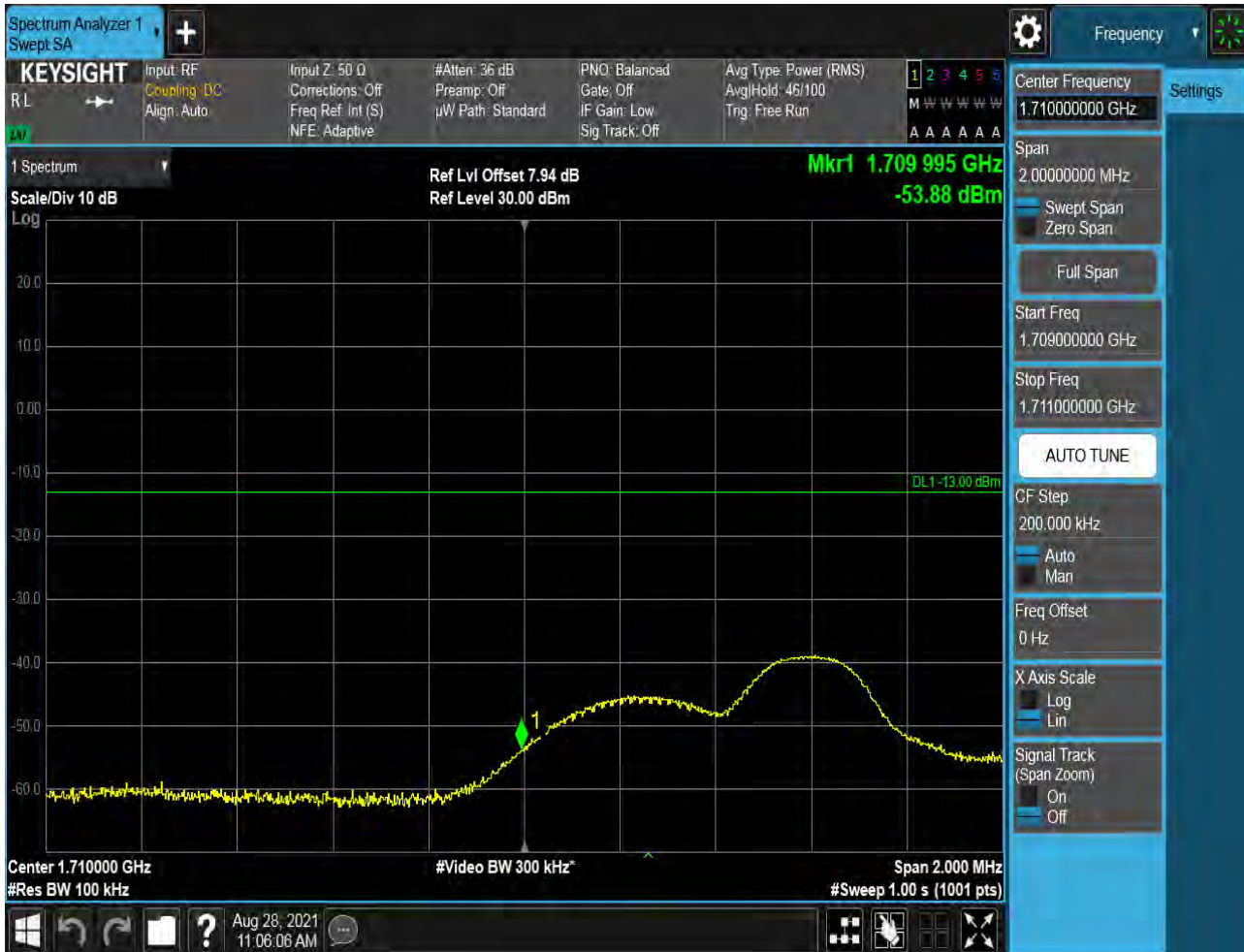
5.1.1.2.4 Test Bandwidth = 10

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



5.1.1.2.5.1.2 Test RB = RB1#74

