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]	ERP [dBm]	Limit [dBm]	Verdict
BAND17	LTE/TM1	5	LCH	RB1#0	22.68	17.63	34.7	PASS
				RB1#13	22.81	17.76	34.7	PASS
				RB1#24	22.76	17.71	34.7	PASS
				RB12#0	21.72	16.67	34.7	PASS
				RB12#6	21.67	16.62	34.7	PASS
				RB12#13	21.66	16.61	34.7	PASS
				RB25#0	21.61	16.56	34.7	PASS
			MCH	RB1#0	22.69	17.64	34.7	PASS
				RB1#13	22.81	17.76	34.7	PASS
				RB1#24	22.74	17.69	34.7	PASS
				RB12#0	21.68	16.63	34.7	PASS
				RB12#6	21.69	16.64	34.7	PASS
				RB12#13	21.80	16.75	34.7	PASS
				RB25#0	21.70	16.65	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.60	17.55	34.7	PASS
				RB1#13	22.72	17.67	34.7	PASS
				RB1#24	22.67	17.62	34.7	PASS
				RB12#0	21.80	16.75	34.7	PASS
				RB12#6	21.84	16.79	34.7	PASS
				RB12#13	21.66	16.61	34.7	PASS
				RB25#0	21.74	16.69	34.7	PASS
		10	LCH	RB1#0	22.61	17.56	34.7	PASS
				RB1#25	22.50	17.45	34.7	PASS
				RB1#49	22.68	17.63	34.7	PASS
				RB25#0	21.66	16.61	34.7	PASS
				RB25#13	21.67	16.62	34.7	PASS
				RB25#25	21.63	16.58	34.7	PASS
				RB50#0	21.62	16.57	34.7	PASS
			MCH	RB1#0	22.59	17.54	34.7	PASS
				RB1#25	22.79	17.74	34.7	PASS
				RB1#49	22.75	17.70	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	21.64	16.59	34.7	PASS
				RB25#13	21.67	16.62	34.7	PASS
				RB25#25	21.70	16.65	34.7	PASS
				RB50#0	21.60	16.55	34.7	PASS
			HCH	RB1#0	22.60	17.55	34.7	PASS
				RB1#25	22.41	17.36	34.7	PASS
				RB1#49	22.77	17.72	34.7	PASS
				RB25#0	21.67	16.62	34.7	PASS
				RB25#13	21.65	16.60	34.7	PASS
				RB25#25	21.64	16.59	34.7	PASS
				RB50#0	21.67	16.62	34.7	PASS
	LTE/TM2	5	LCH	RB1#0	21.88	16.83	34.7	PASS
				RB1#13	21.94	16.89	34.7	PASS
				RB1#24	21.92	16.87	34.7	PASS
				RB12#0	20.84	15.79	34.7	PASS
				RB12#6	20.92	15.87	34.7	PASS
				RB12#13	20.81	15.76	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#0	20.68	15.63	34.7	PASS
			MCH	RB1#0	21.90	16.85	34.7	PASS
				RB1#13	22.06	17.01	34.7	PASS
				RB1#24	22.01	16.96	34.7	PASS
				RB12#0	20.72	15.67	34.7	PASS
				RB12#6	20.72	15.67	34.7	PASS
				RB12#13	20.77	15.72	34.7	PASS
				RB25#0	20.68	15.63	34.7	PASS
			HCH	RB1#0	22.06	17.01	34.7	PASS
				RB1#13	22.12	17.07	34.7	PASS
				RB1#24	21.98	16.93	34.7	PASS
				RB12#0	20.80	15.75	34.7	PASS
				RB12#6	20.80	15.75	34.7	PASS
				RB12#13	20.74	15.69	34.7	PASS
				RB25#0	20.67	15.62	34.7	PASS
		10	LCH	RB1#0	21.82	16.77	34.7	PASS
				RB1#25	21.69	16.64	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB1#49	21.83	16.78	34.7	PASS
				RB25#0	20.56	15.51	34.7	PASS
				RB25#13	20.59	15.54	34.7	PASS
				RB25#25	20.54	15.49	34.7	PASS
				RB50#0	20.58	15.53	34.7	PASS
			MCH	RB1#0	21.62	16.57	34.7	PASS
				RB1#25	21.69	16.64	34.7	PASS
				RB1#49	21.77	16.72	34.7	PASS
				RB25#0	20.53	15.48	34.7	PASS
				RB25#13	20.61	15.56	34.7	PASS
				RB25#25	20.72	15.67	34.7	PASS
				RB50#0	20.62	15.57	34.7	PASS
			HCH	RB1#0	21.85	16.80	34.7	PASS
				RB1#25	21.70	16.65	34.7	PASS
				RB1#49	21.91	16.86	34.7	PASS
				RB25#0	20.72	15.67	34.7	PASS
				RB25#13	20.59	15.54	34.7	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured[dBm]	ERP [dBm]	Limit [dBm]	Verdict
				RB25#25	20.60	15.55	34.7	PASS
				RB50#0	20.70	15.65	34.7	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 >= 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
BAND17	LTE/TM1	5	LCH	RB1#0	4.86	13	PASS
				RB1#13	5.02	13	PASS
				RB1#24	4.95	13	PASS
				RB12#0	5.76	13	PASS
				RB12#6	5.86	13	PASS
				RB12#13	5.87	13	PASS
				RB25#0	6.30	13	PASS
			MCH	RB1#0	4.91	13	PASS
				RB1#13	4.69	13	PASS
				RB1#24	4.51	13	PASS
				RB12#0	5.83	13	PASS
				RB12#6	5.80	13	PASS
				RB12#13	6.06	13	PASS
				RB25#0	6.17	13	PASS
			HCH	RB1#0	4.57	13	PASS
				RB1#13	4.34	13	PASS
				RB1#24	4.35	13	PASS
				RB12#0	5.61	13	PASS
				RB12#6	5.36	13	PASS
				RB12#13	5.63	13	PASS
				RB25#0	5.88	13	PASS
		10	LCH	RB1#0	4.75	13	PASS
				RB1#25	4.94	13	PASS
				RB1#49	4.51	13	PASS
				RB25#0	6.08	13	PASS
				RB25#13	6.02	13	PASS
				RB25#25	5.90	13	PASS
				RB50#0	6.20	13	PASS
			MCH	RB1#0	4.78	13	PASS
				RB1#25	4.70	13	PASS
				RB1#49	4.32	13	PASS
				RB25#0	6.15	13	PASS
				RB25#13	6.04	13	PASS
				RB25#25	5.92	13	PASS
				RB50#0	6.23	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
			HCH	RB1#0	4.84	13	PASS
				RB1#25	4.69	13	PASS
				RB1#49	4.22	13	PASS
				RB25#0	6.29	13	PASS
				RB25#13	6.04	13	PASS
				RB25#25	5.90	13	PASS
				RB50#0	6.06	13	PASS
	LTE/TM2	5	LCH	RB1#0	5.89	13	PASS
				RB1#13	6.00	13	PASS
				RB1#24	5.97	13	PASS
				RB12#0	6.83	13	PASS
				RB12#6	6.84	13	PASS
				RB12#13	6.87	13	PASS
				RB25#0	6.83	13	PASS
			MCH	RB1#0	5.92	13	PASS
				RB1#13	5.70	13	PASS
				RB1#24	5.36	13	PASS
				RB12#0	6.83	13	PASS
				RB12#6	6.77	13	PASS
				RB12#13	6.61	13	PASS
				RB25#0	6.86	13	PASS
			HCH	RB1#0	5.10	13	PASS
				RB1#13	4.87	13	PASS
				RB1#24	4.86	13	PASS
				RB12#0	6.50	13	PASS
				RB12#6	6.34	13	PASS
				RB12#13	6.46	13	PASS
				RB25#0	6.52	13	PASS
		10	LCH	RB1#0	5.56	13	PASS
				RB1#25	5.70	13	PASS
				RB1#49	5.23	13	PASS
				RB25#0	7.04	13	PASS
				RB25#13	7.02	13	PASS
				RB25#25	6.88	13	PASS
				RB50#0	7.00	13	PASS
			MCH	RB1#0	5.99	13	PASS
				RB1#25	5.83	13	PASS
				RB1#49	5.30	13	PASS
				RB25#0	7.10	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB25#13	6.93	13	PASS
				RB25#25	6.83	13	PASS
				RB50#0	7.14	13	PASS
			HCH	RB1#0	5.39	13	PASS
				RB1#25	5.11	13	PASS
				RB1#49	4.75	13	PASS
				RB25#0	7.05	13	PASS
				RB25#13	6.85	13	PASS
				RB25#25	6.80	13	PASS
				RB50#0	7.05	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

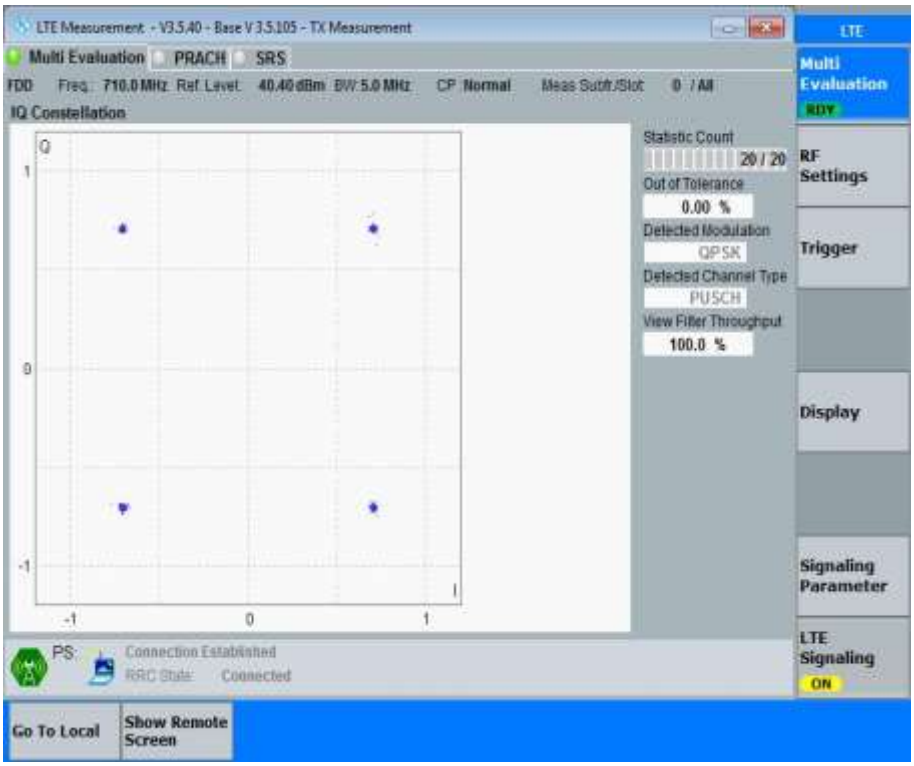
3.1.1 Test Band = BAND17

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 5

3.1.1.1.1.1 Test Channel = MCH

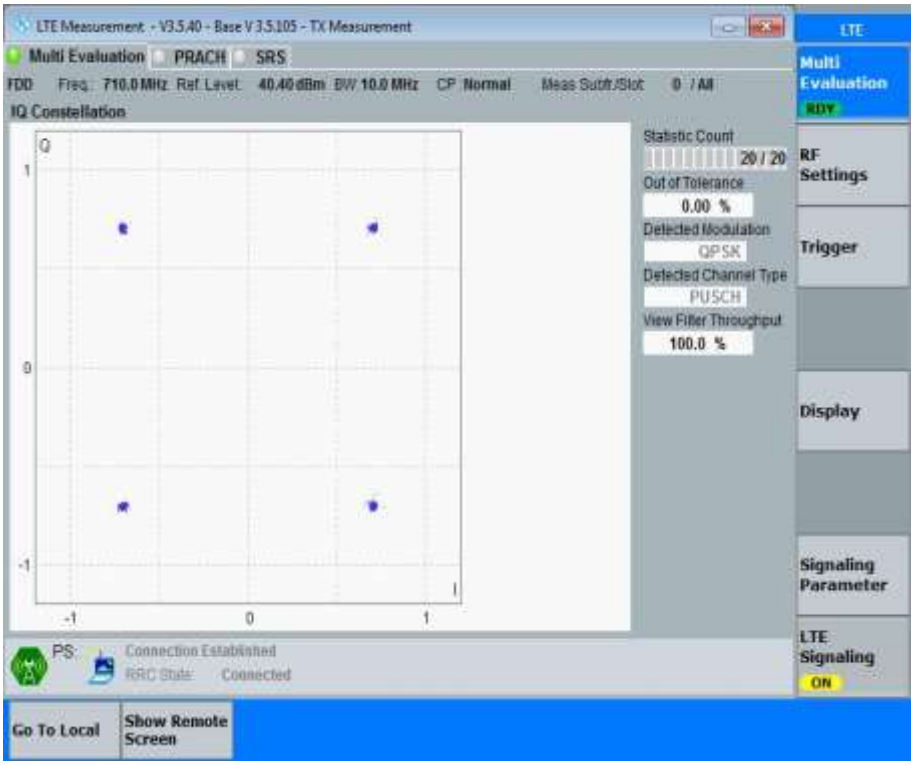
3.1.1.1.1.1.1 Test RB = RB25#0



3.1.1.1.2 Test Bandwidth = 10

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 Test RB = RB50#0

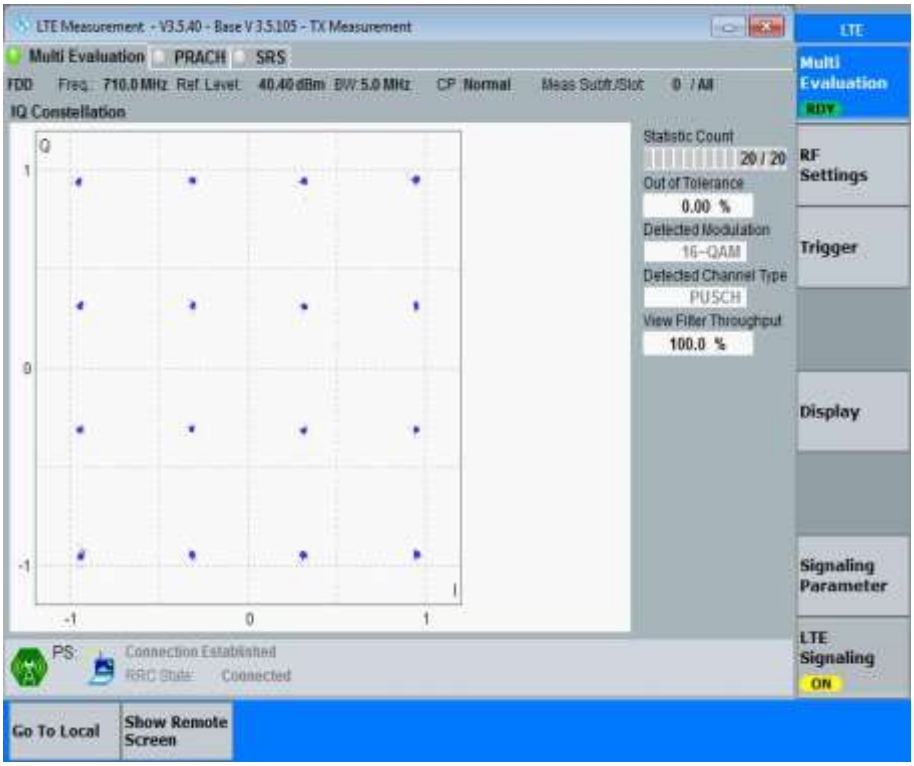


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 5

3.1.1.2.1.1 Test Channel = MCH

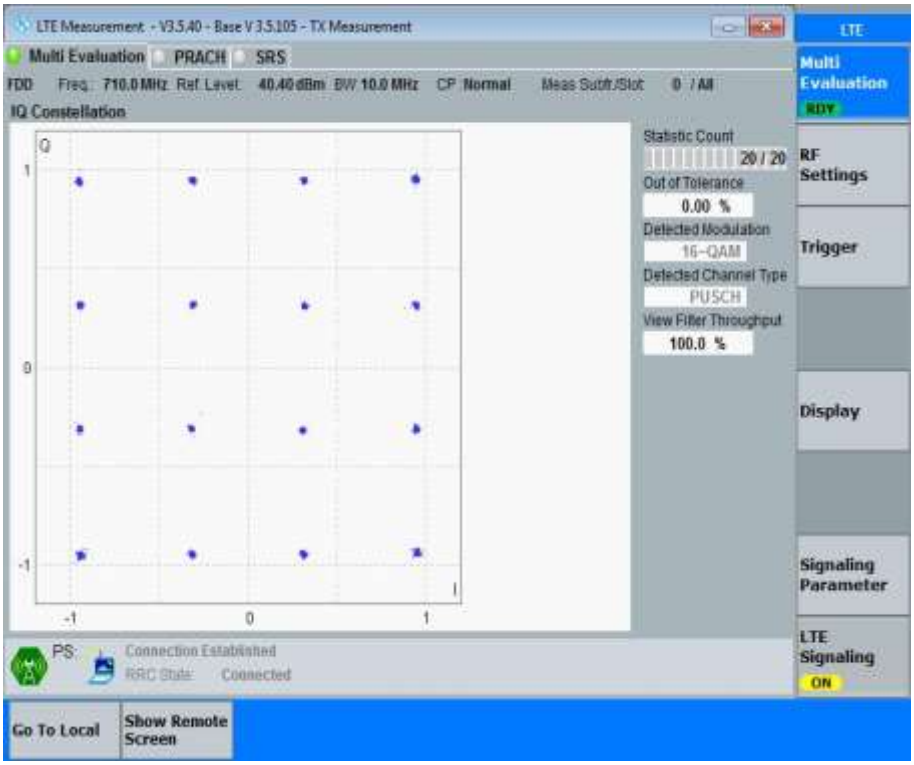
3.1.1.2.1.1.1 Test RB = RB25#0



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



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND17	LTE/TM 1	5	LCH	RB25#0	4.52	4.96	Pass
			MCH	RB25#0	4.52	5.02	Pass
			HCH	RB25#0	4.51	4.94	Pass
		10	LCH	RB50#0	9.00	9.88	Pass
			MCH	RB50#0	8.98	9.85	Pass
			HCH	RB50#0	8.98	9.95	Pass
	LTE/TM 2	5	LCH	RB25#0	4.52	4.95	Pass
			MCH	RB25#0	4.51	4.96	Pass
			HCH	RB25#0	4.51	4.96	Pass
		10	LCH	RB50#0	8.99	9.88	Pass
			MCH	RB50#0	9.00	9.85	Pass
			HCH	RB50#0	8.98	9.88	Pass

Part II - Test Plots

4.1 For LTE

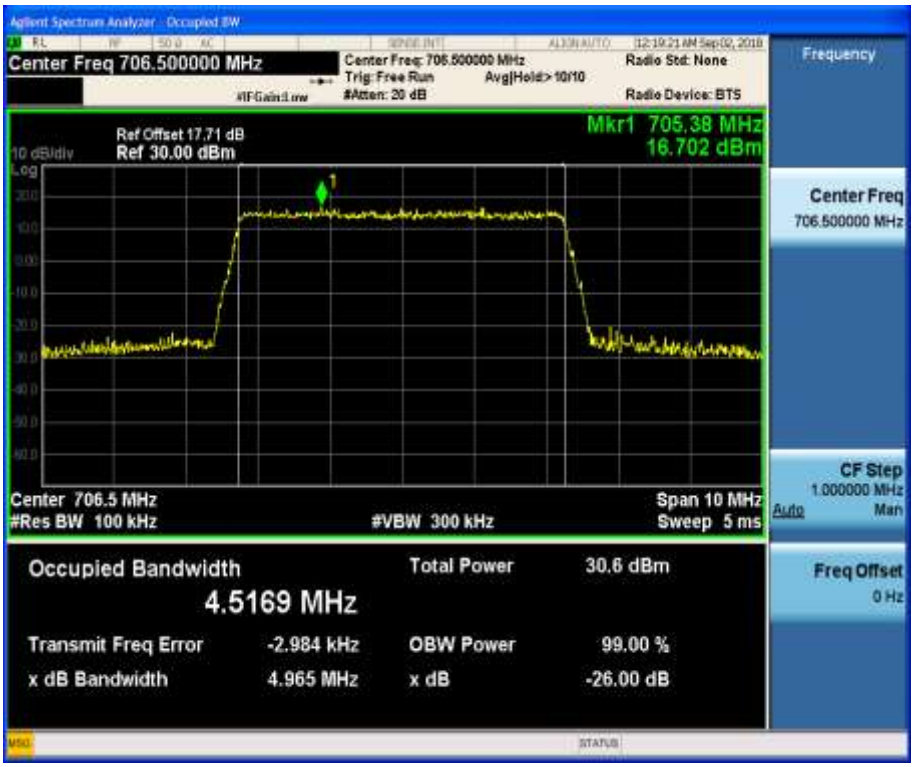
4.1.1 Test Band = BAND17

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1Test Bandwidth = 5

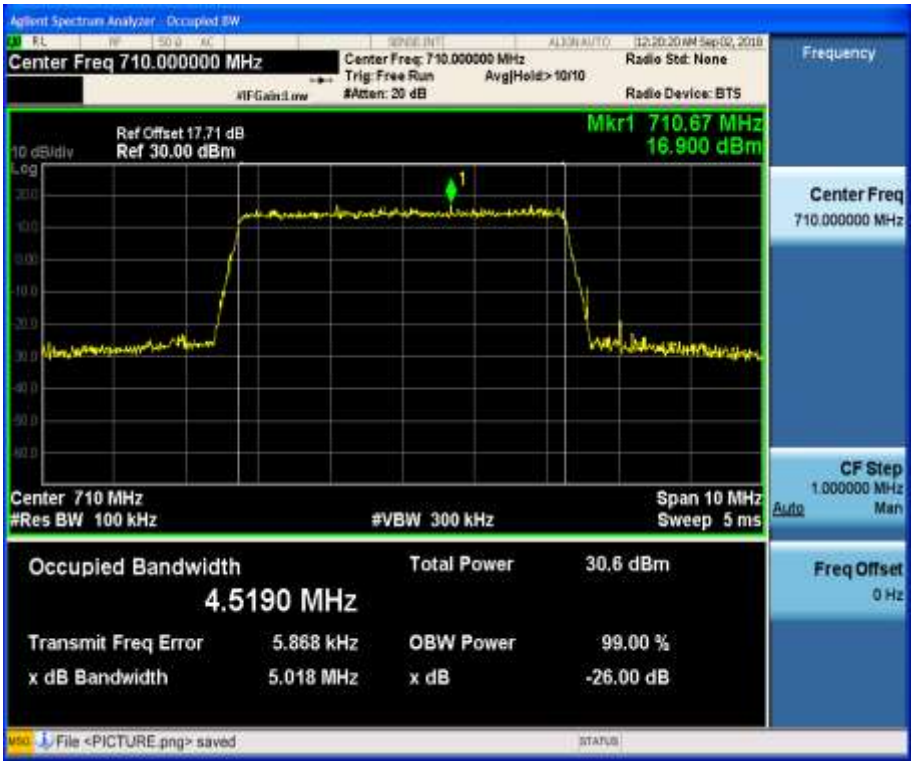
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 Test RB = RB25#0



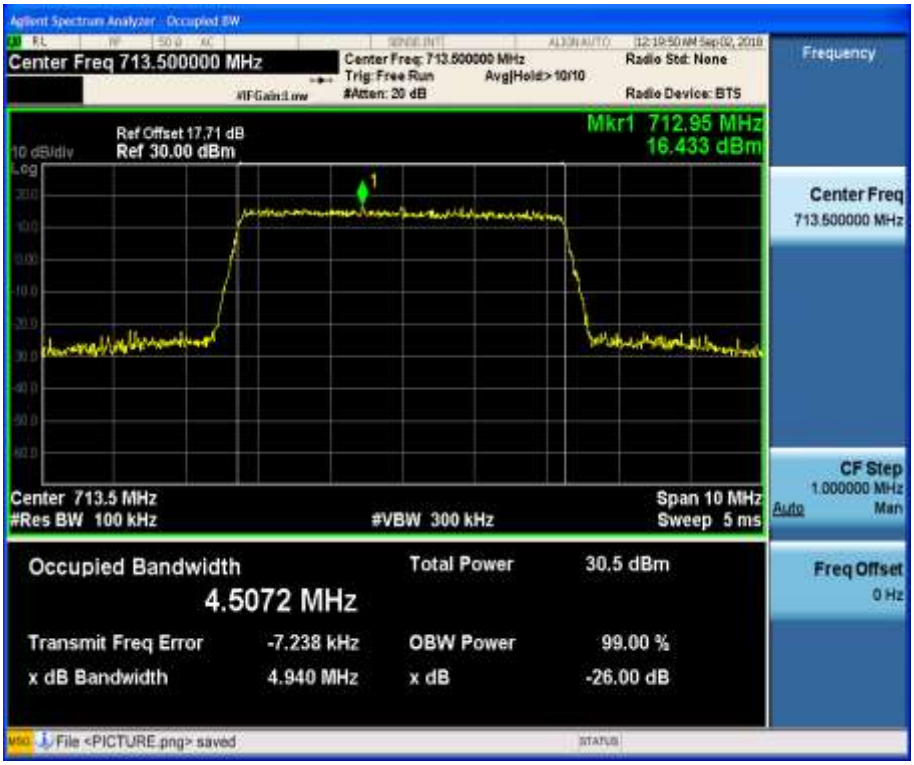
4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 Test RB = RB25#0



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB25#0



4.1.1.1.2 Test Bandwidth = 10

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 Test RB = RB50#0

4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 Test RB = RB50#0

4.1.1.1.2.3 Test Channel = HCH

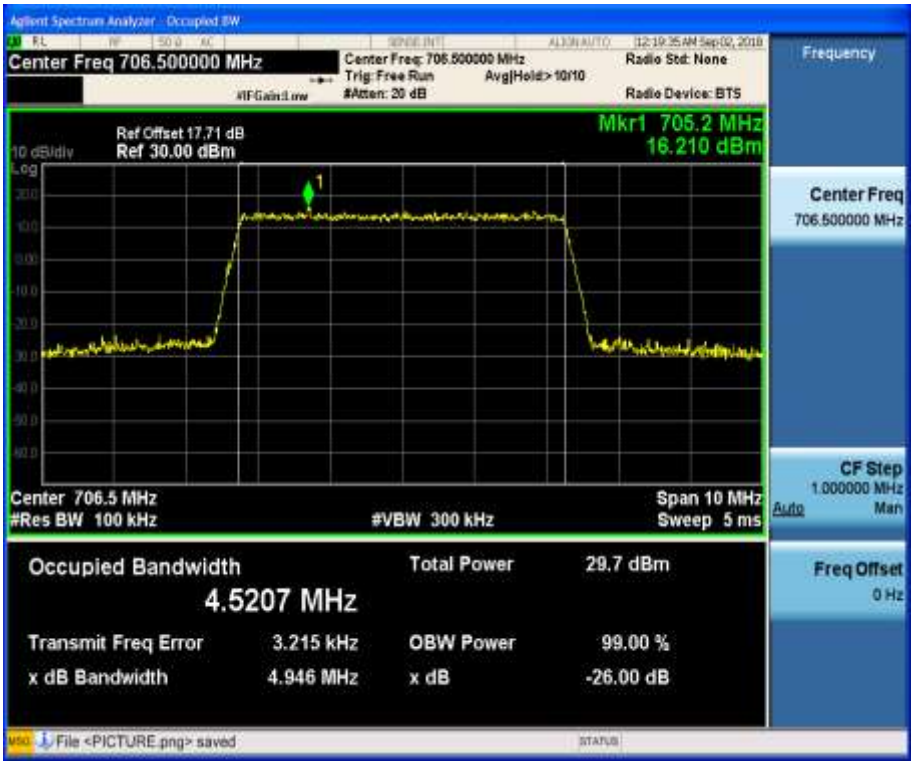
4.1.1.1.2.3.1 Test RB = RB50#0

4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 5

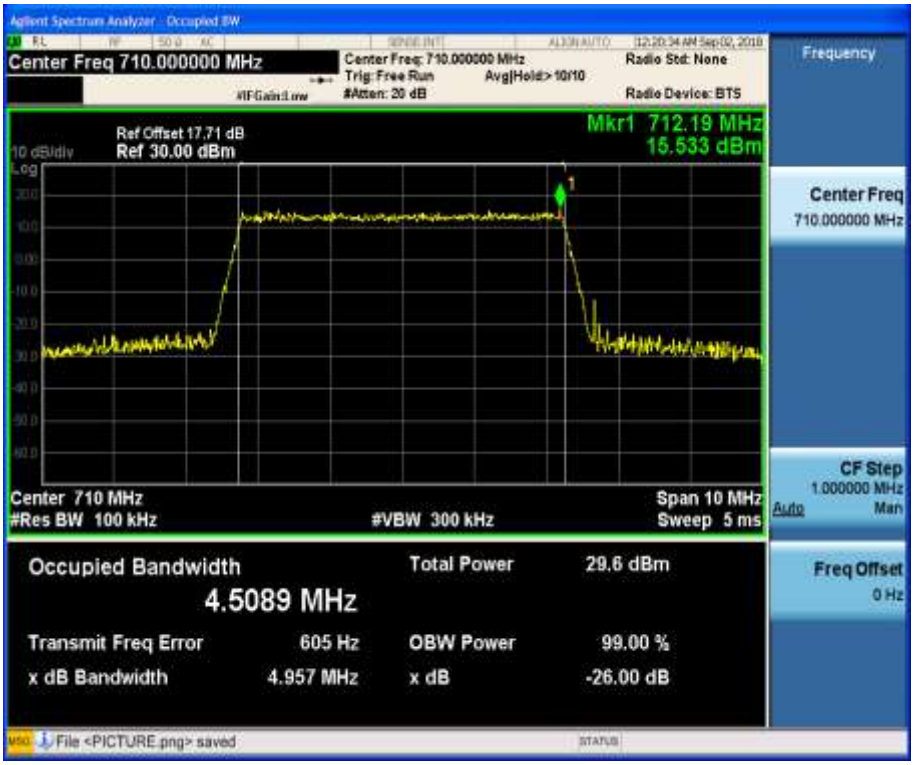
4.1.1.2.1.1 Test Channel = LCH

4.1.1.2.1.1.1 Test RB = RB25#0



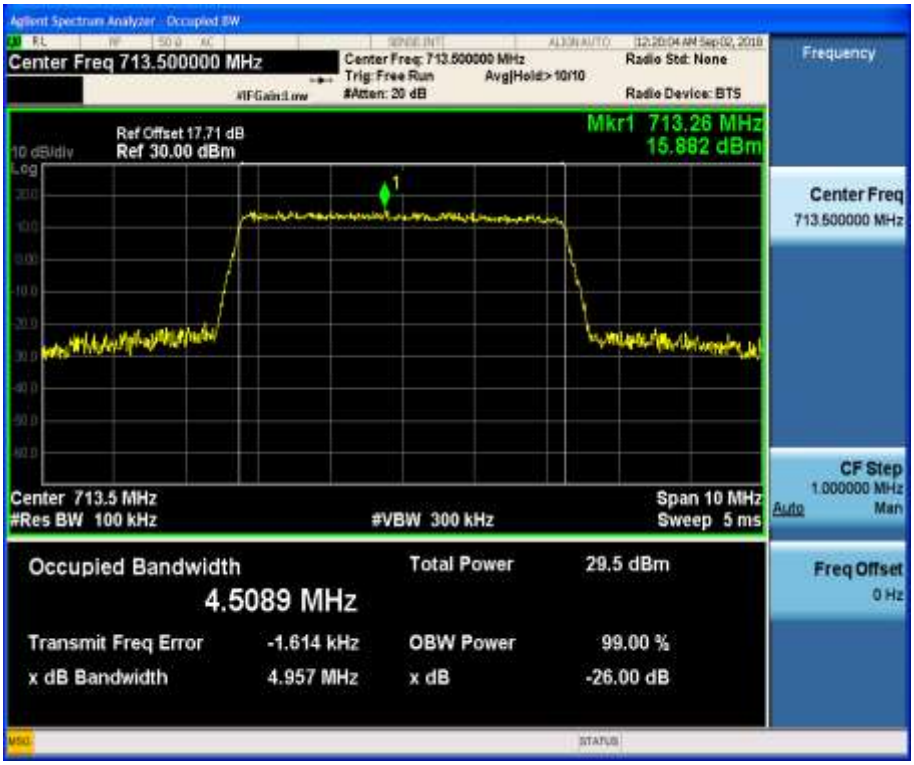
4.1.1.2.1.2 Test Channel = MCH

4.1.1.2.1.2.1 Test RB = RB25#0



4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB25#0



4.1.1.2.2 Test Bandwidth = 10

4.1.1.2.2.1 Test Channel = LCH

4.1.1.2.2.1.1 Test RB = RB50#0

4.1.1.2.2.2 Test Channel = MCH

4.1.1.2.2.2.1 Test RB = RB50#0

4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB50#0

5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

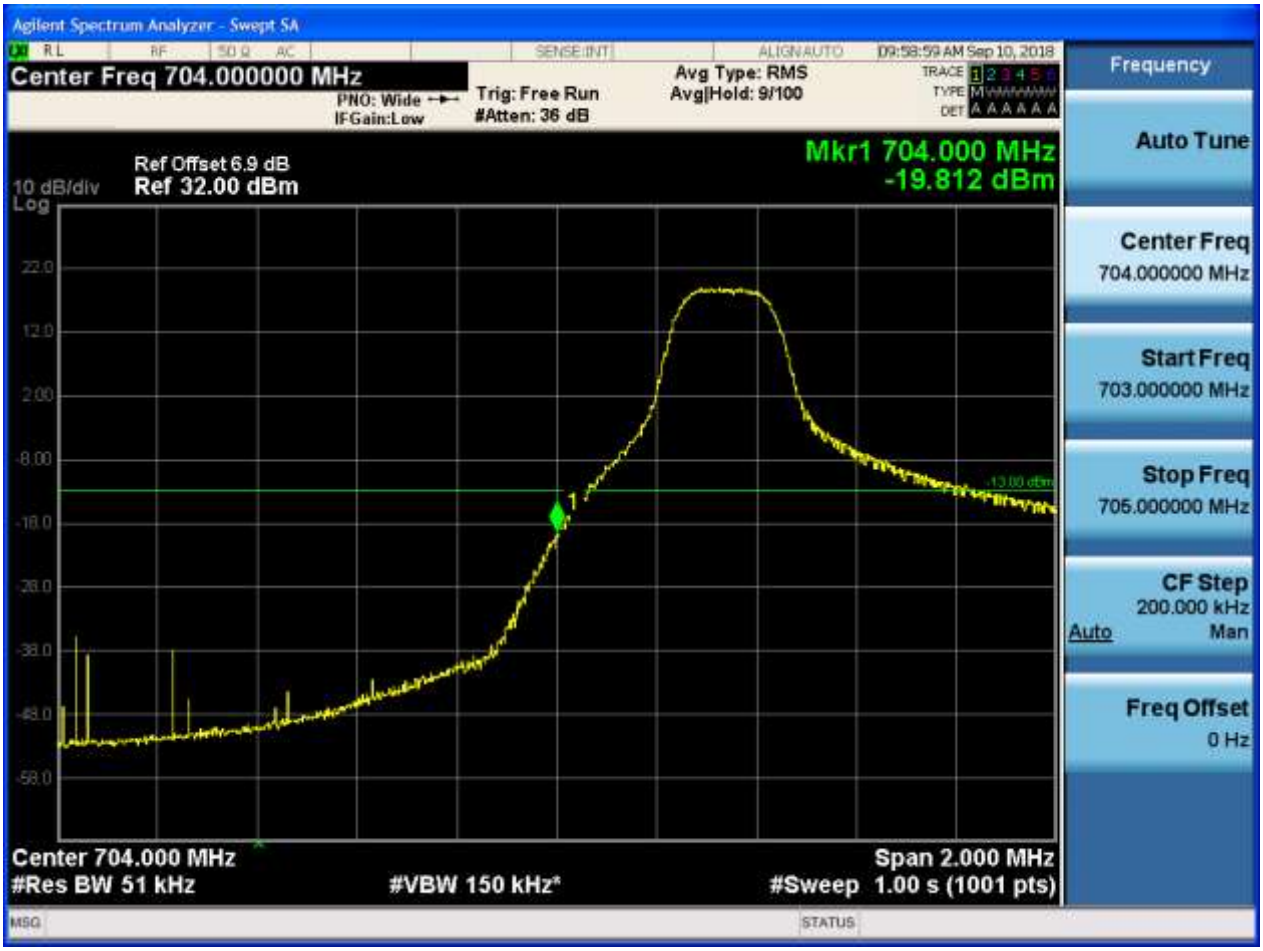
5.1.1 Test Band = BAND17

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 5

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



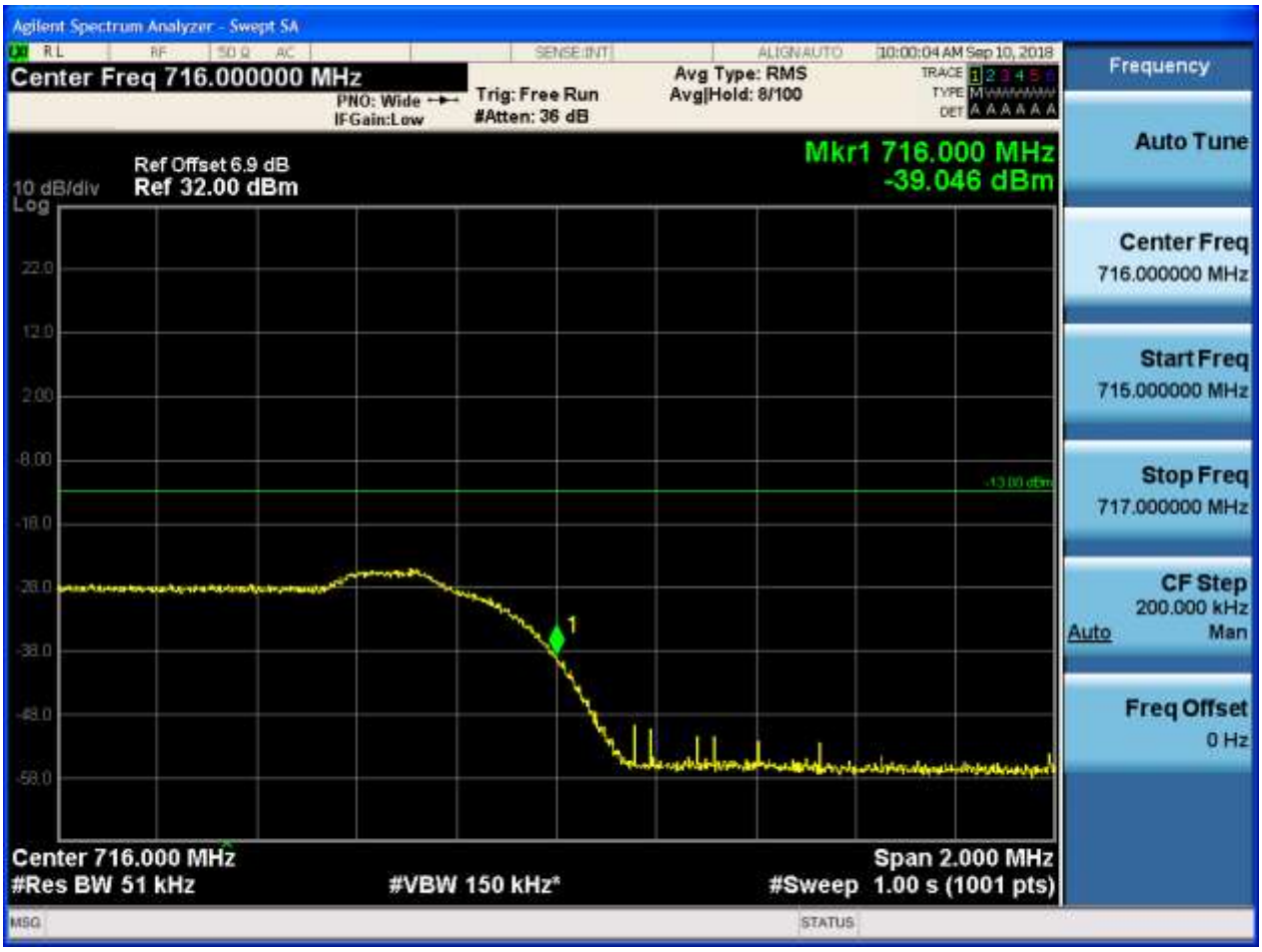
5.1.1.1.1.1.2 Test RB = RB1#24

5.1.1.1.1.1.3 Test RB = RB12#6

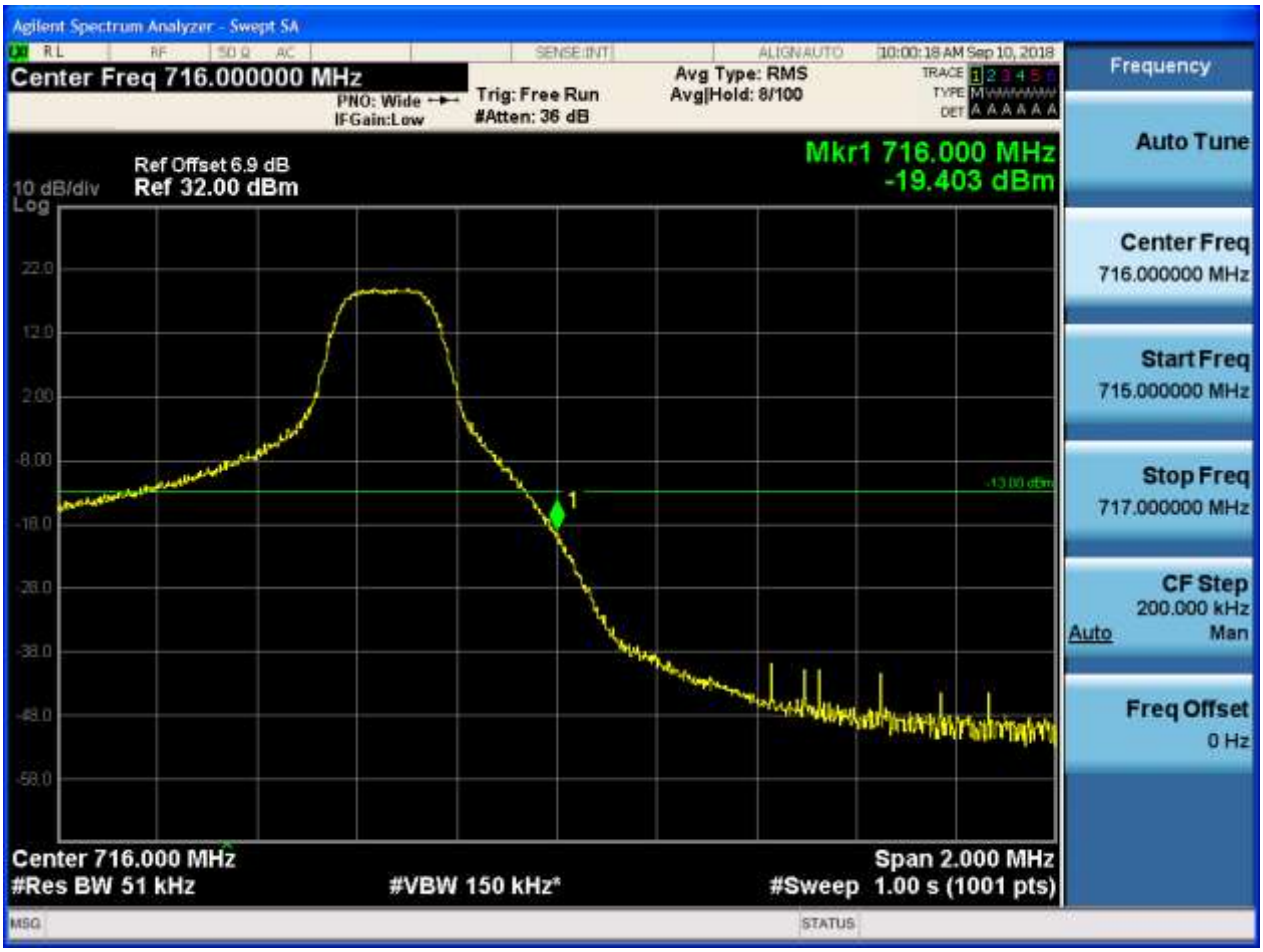
5.1.1.1.1.1.4 Test RB = RB25#0

5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0



5.1.1.1.1.2.2 Test RB = RB1#24



5.1.1.1.1.2.3 Test RB = RB12#6

5.1.1.1.1.2.4 Test RB = RB25#0

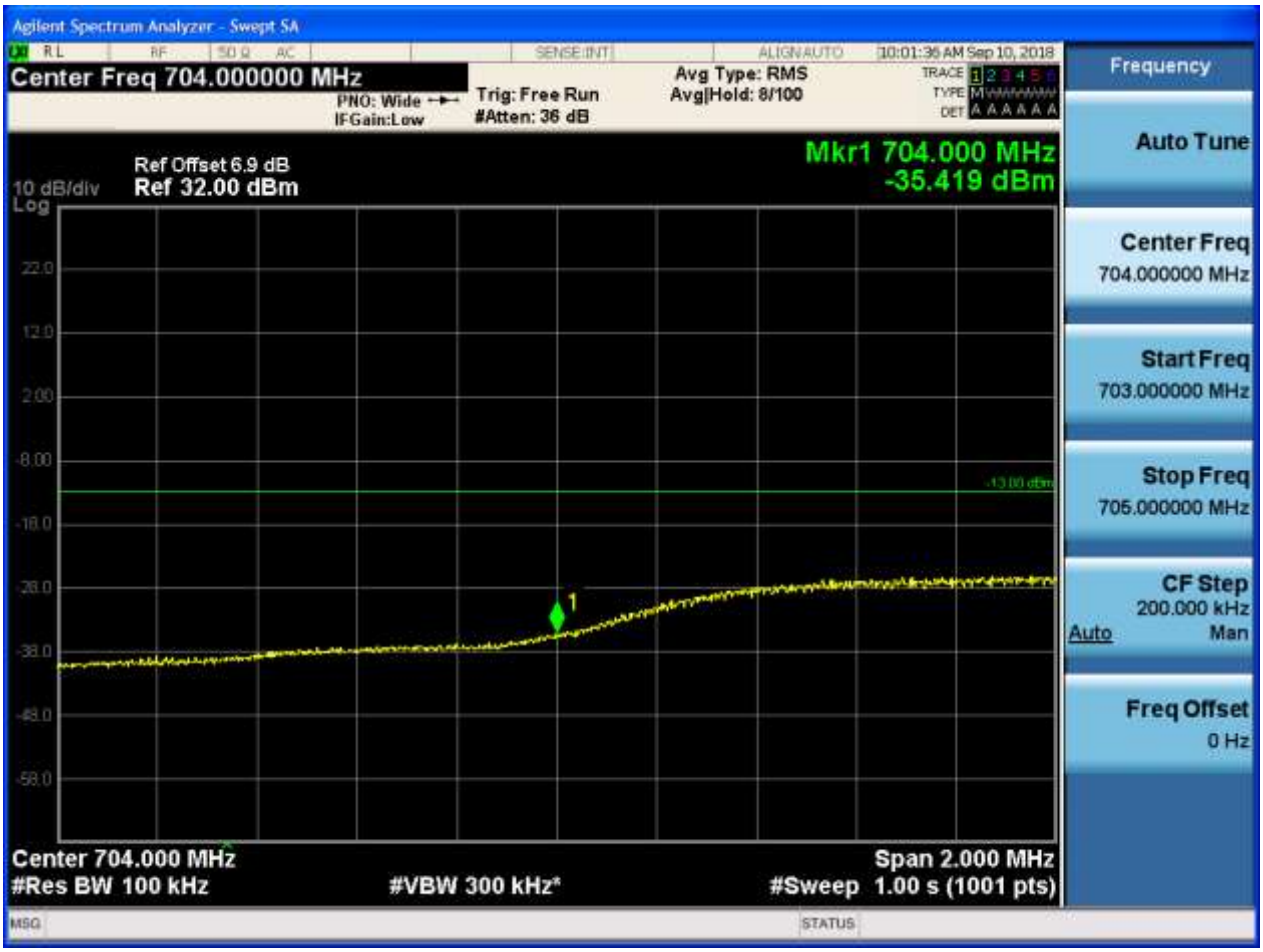
5.1.1.1.2 Test Bandwidth = 10

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#49

5.1.1.1.2.1.3 Test RB = RB25#13

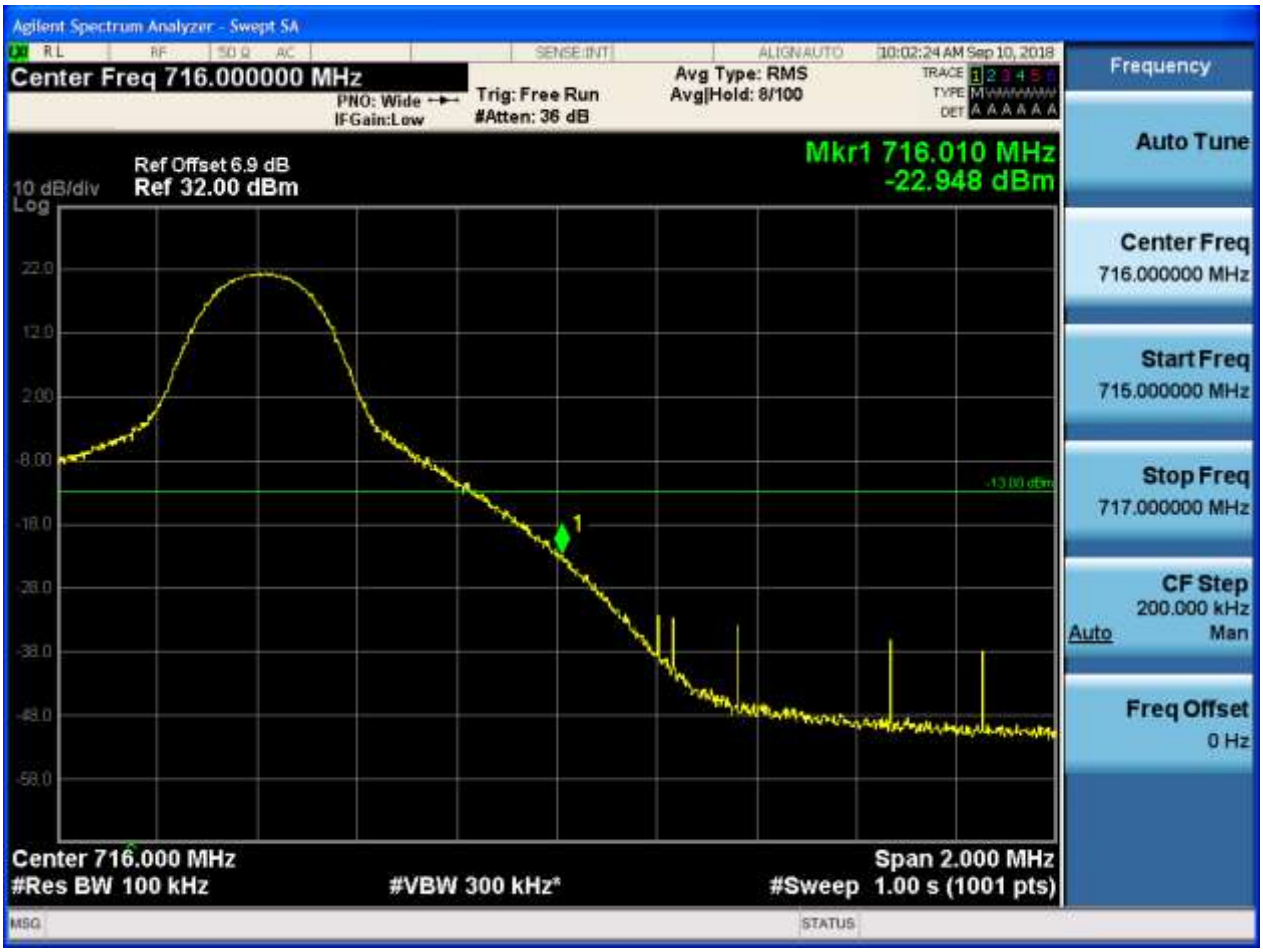


5.1.1.1.2.1.4 Test RB = RB50#0

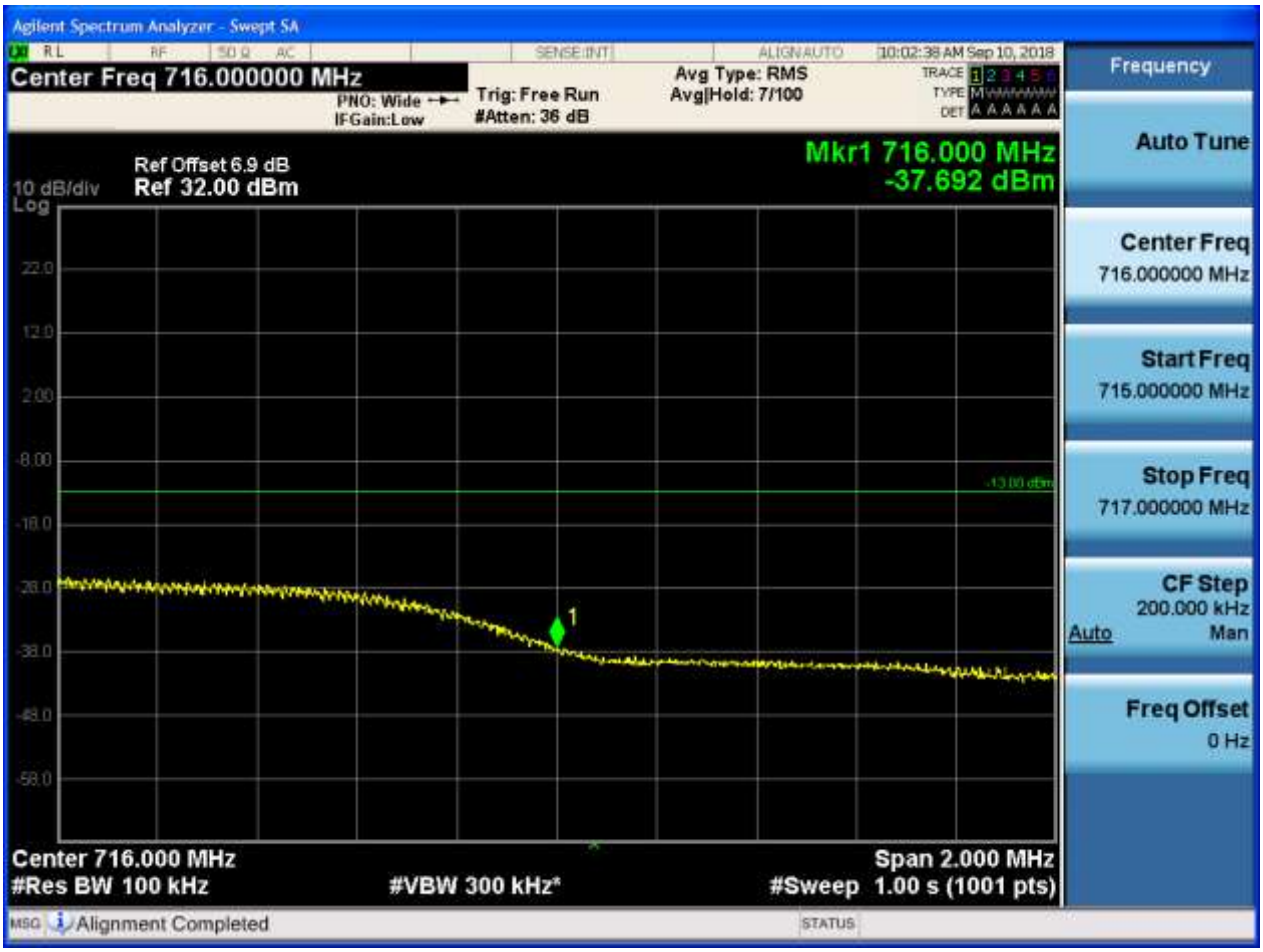
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0

5.1.1.1.2.2.2 Test RB = RB1#49



5.1.1.1.2.2.3 Test RB = RB25#13



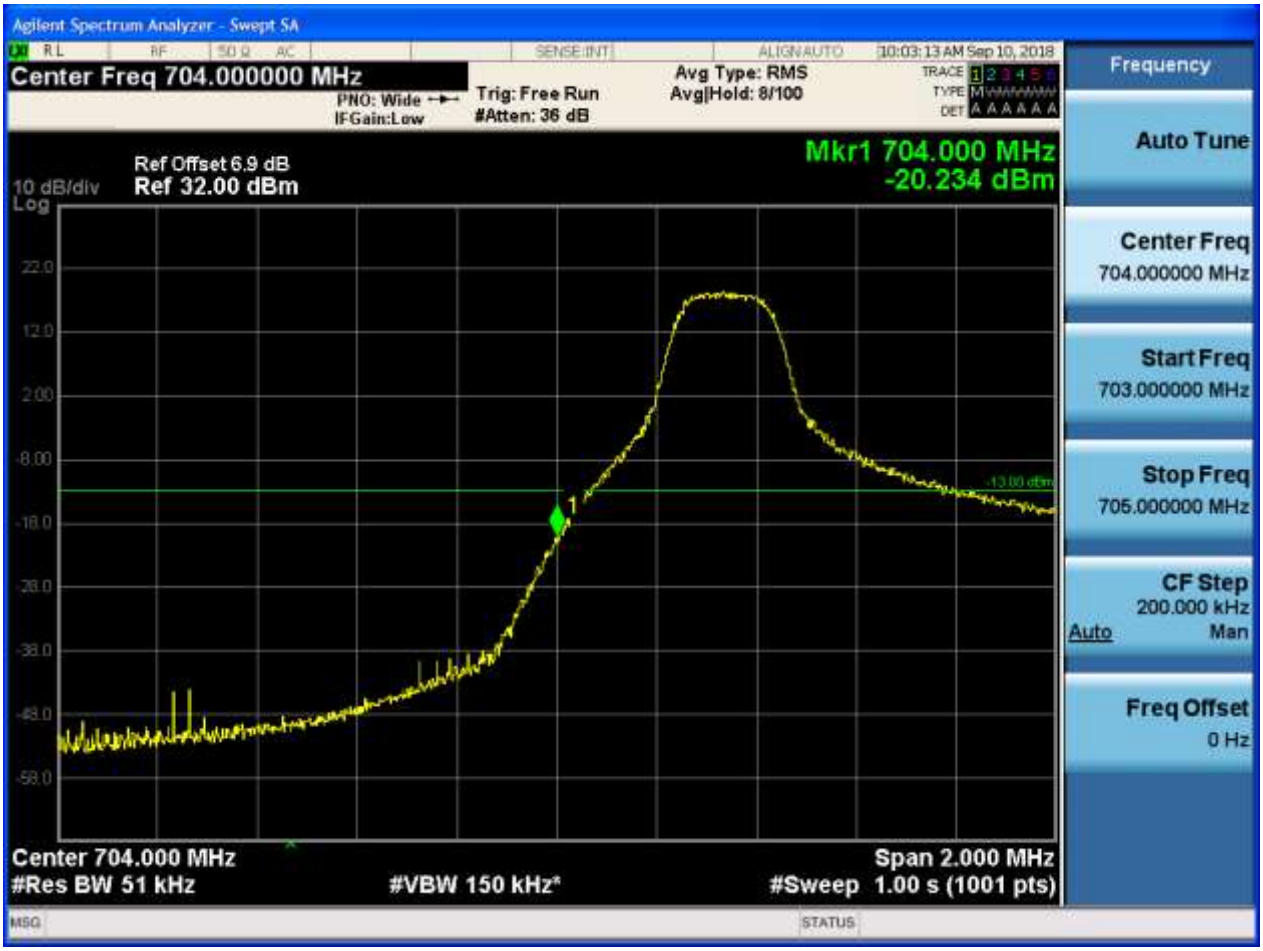
5.1.1.1.2.2.4 Test RB = RB50#0

5.1.1.2 Test Mode = LTE/TM2

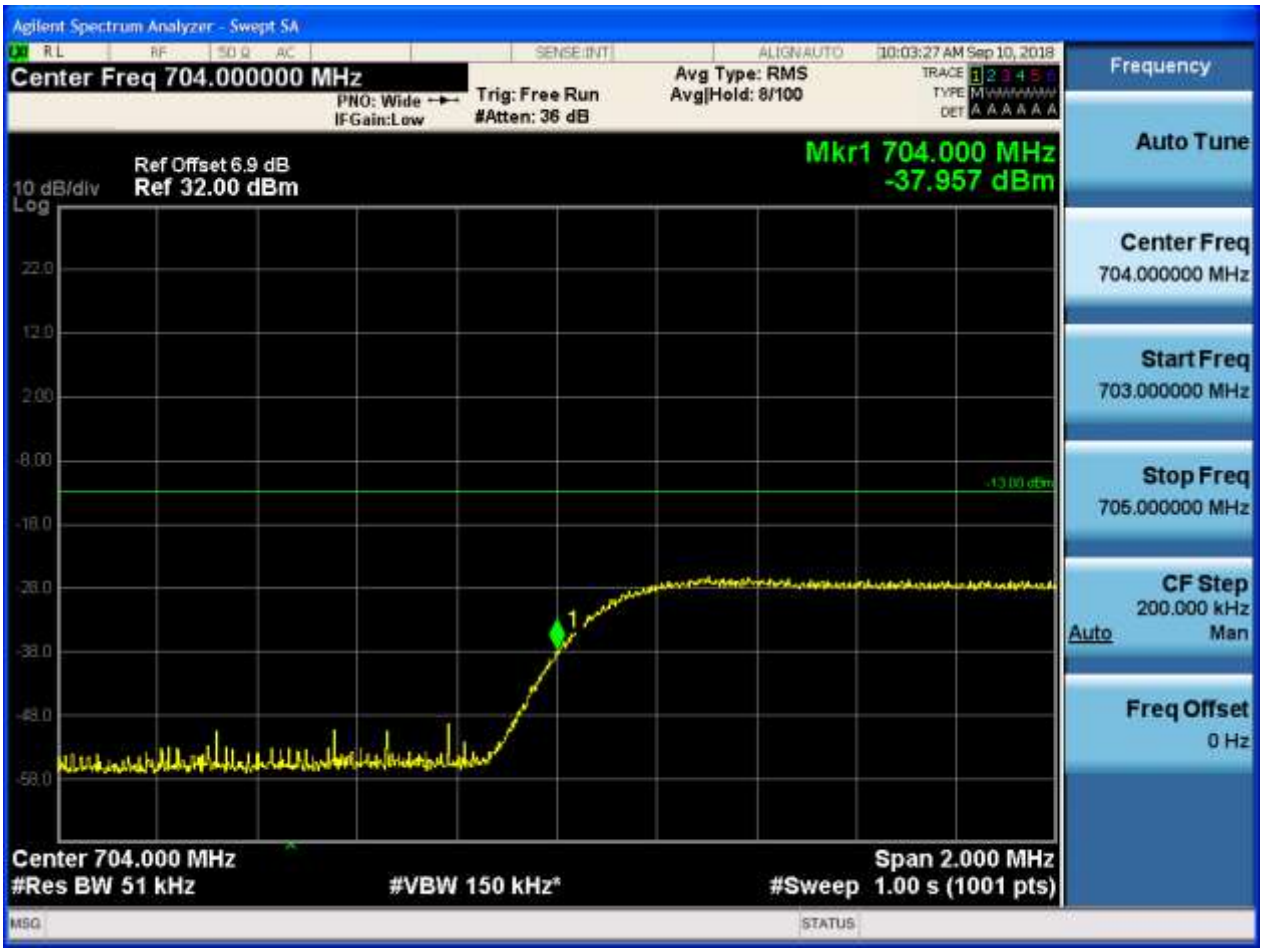
5.1.1.2.1 Test Bandwidth = 5

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#24

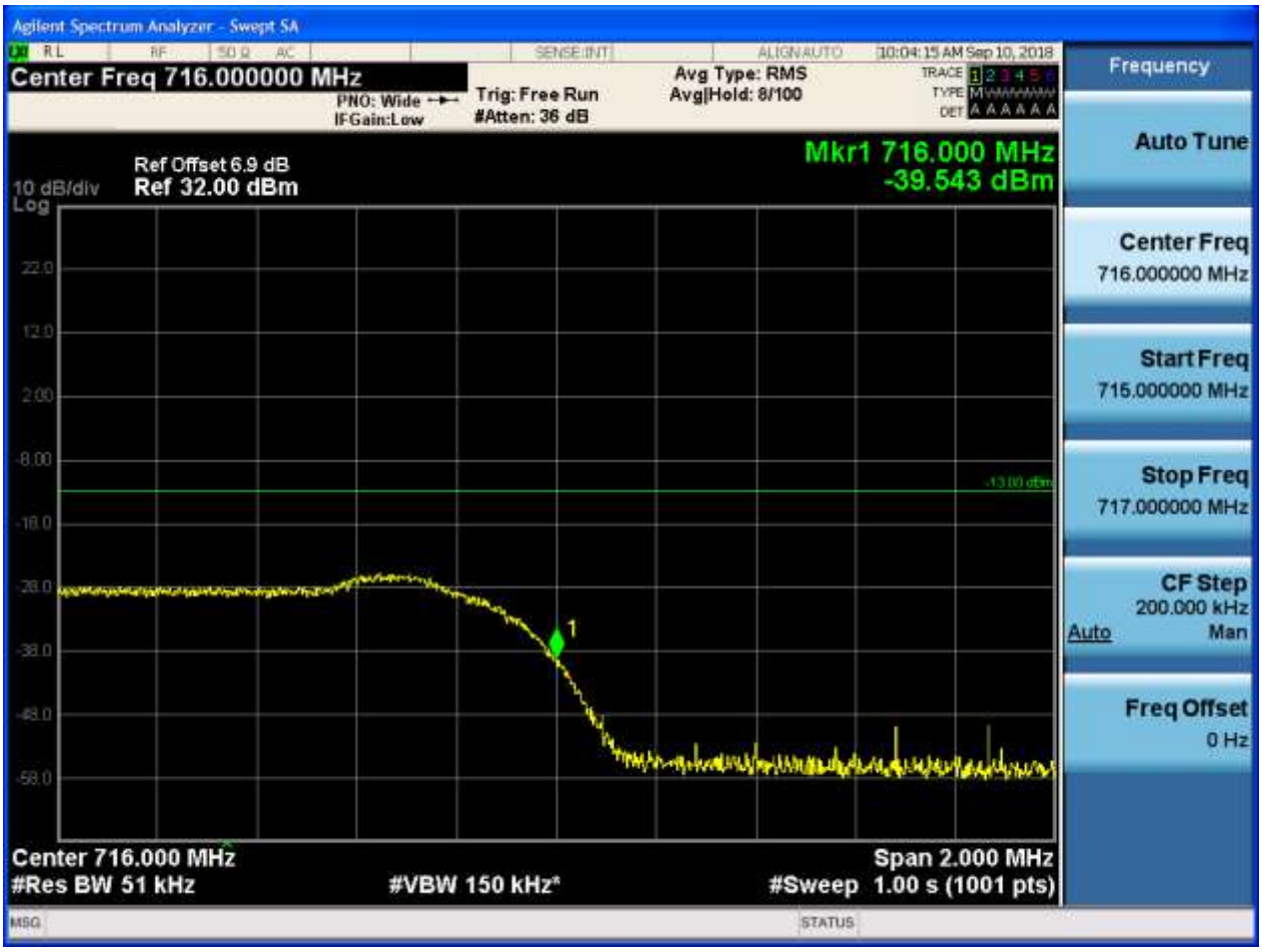


5.1.1.2.1.1.3 Test RB = RB12#6

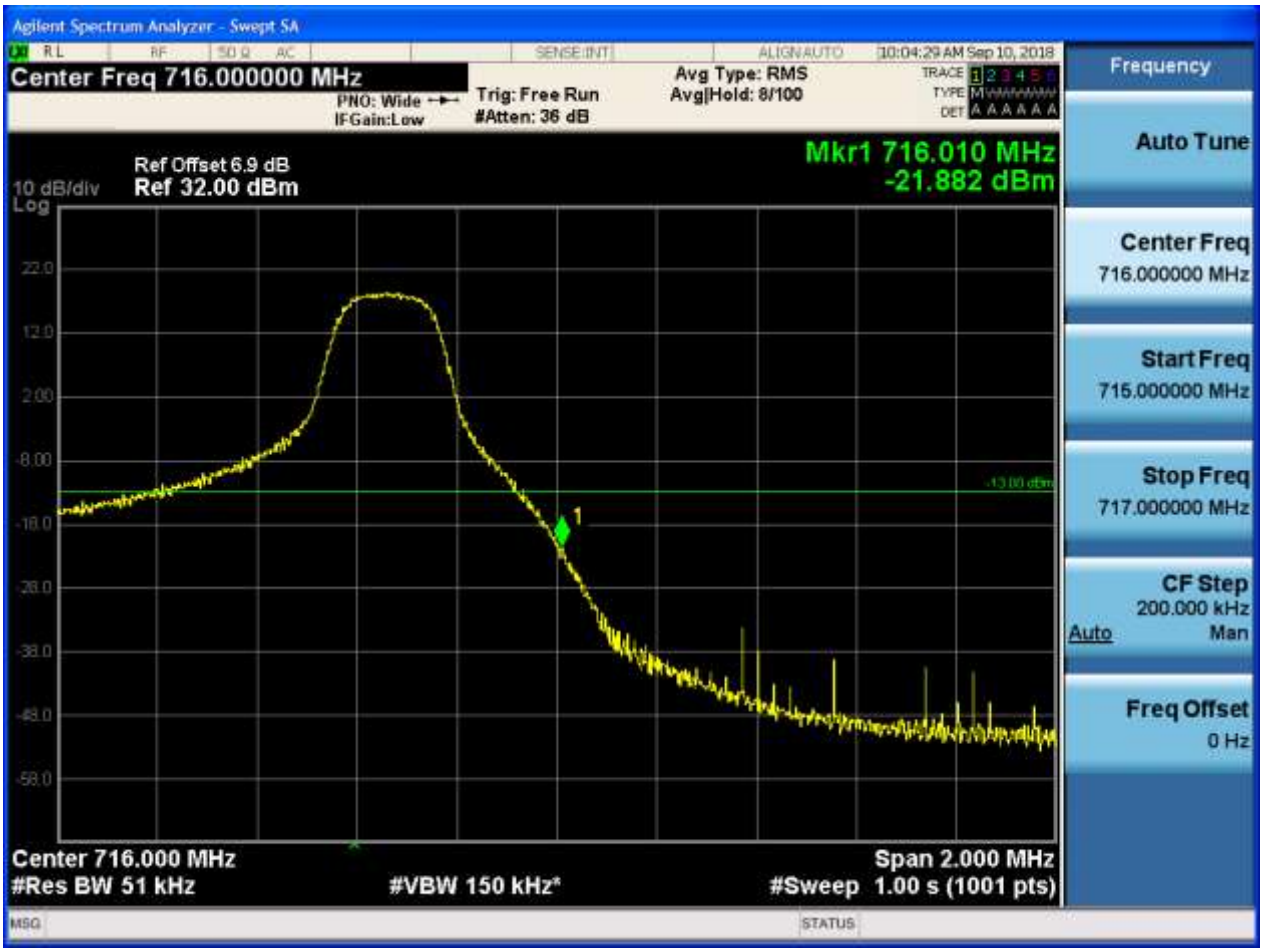
5.1.1.2.1.1.4 Test RB = RB25#0

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#24



5.1.1.2.1.2.3 Test RB = RB12#6

5.1.1.2.1.2.4 Test RB = RB25#0

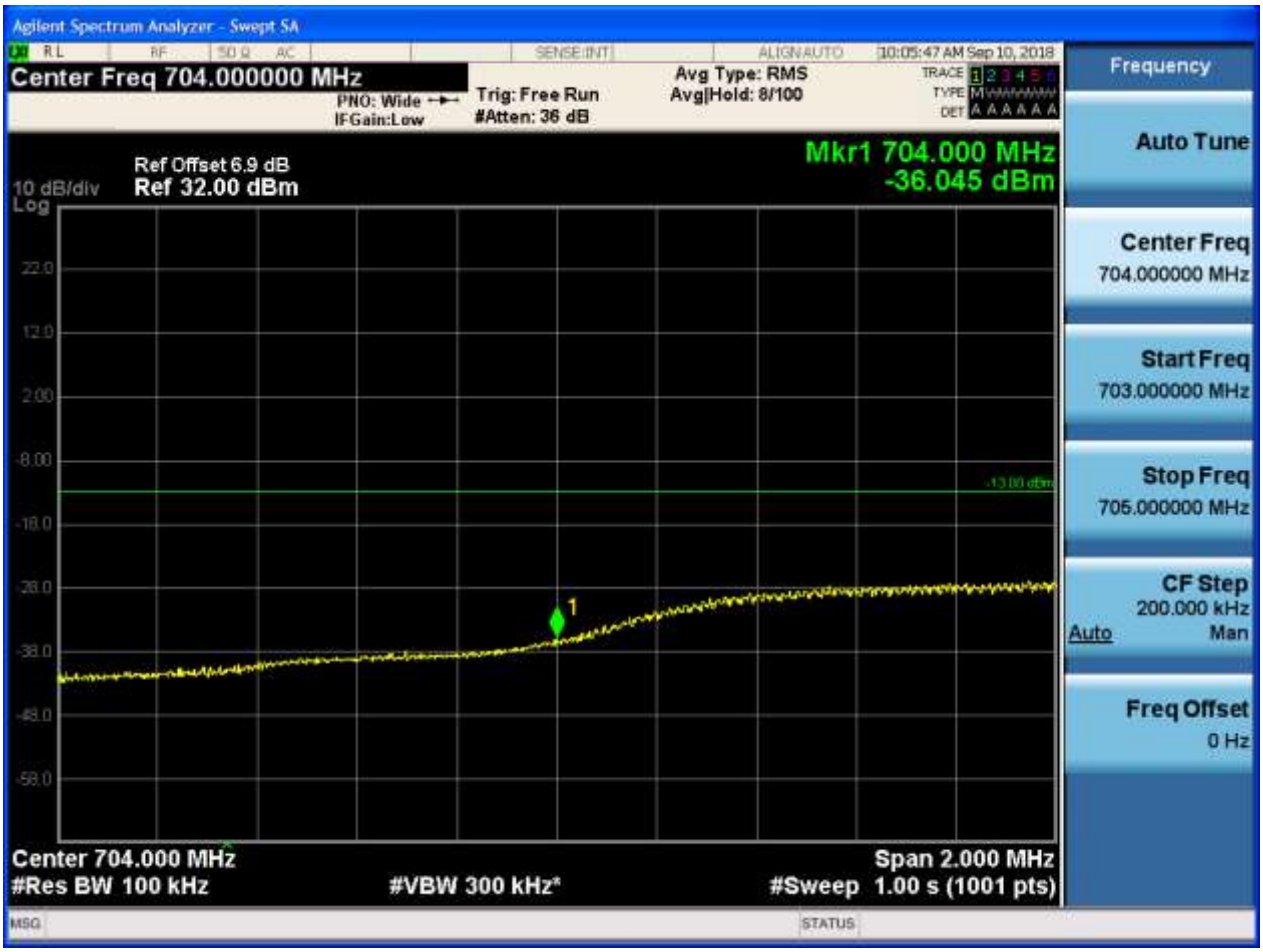
5.1.1.2.2 Test Bandwidth = 10

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#49

5.1.1.2.2.1.3 Test RB = RB25#13

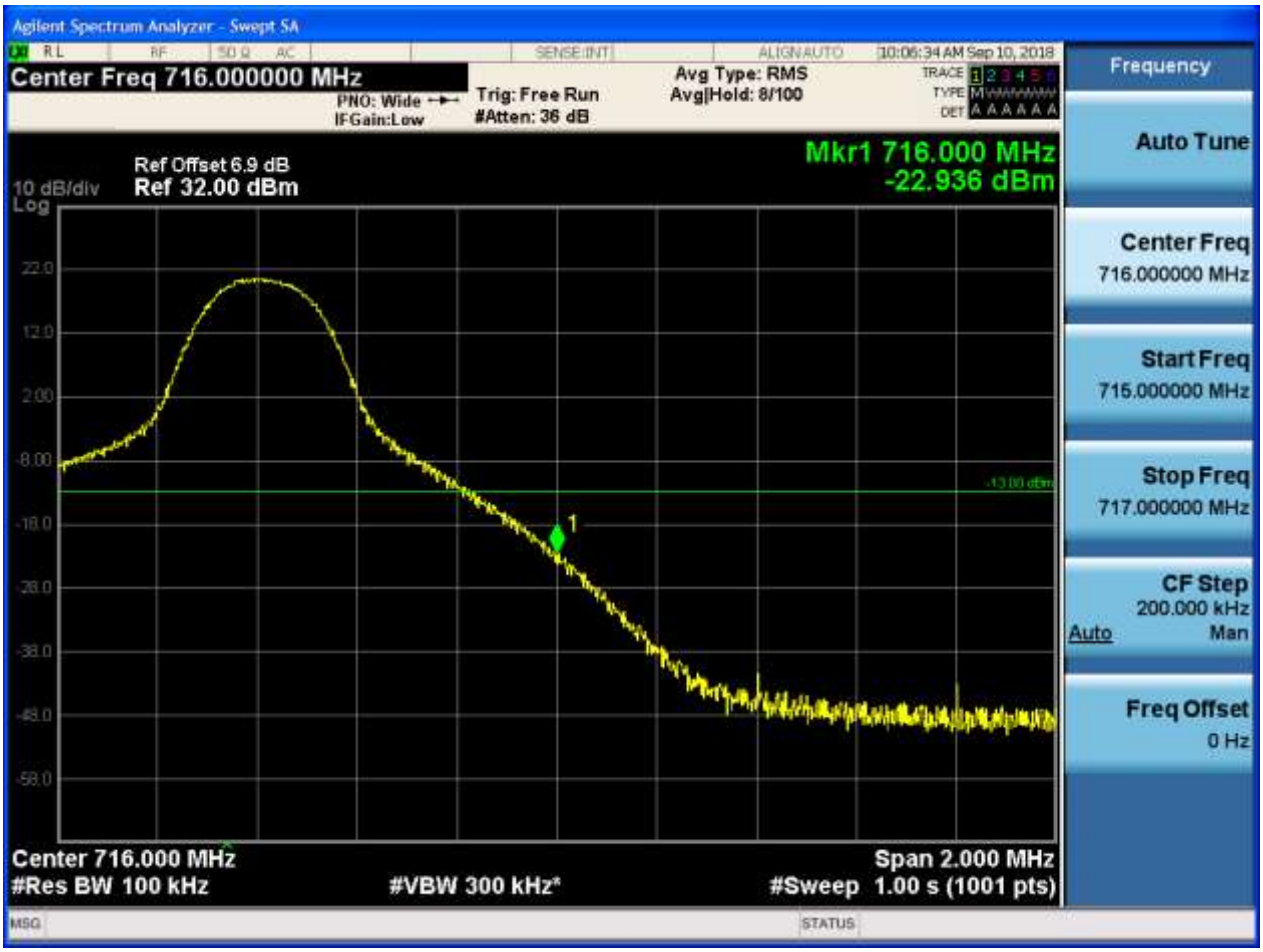


5.1.1.2.2.1.4 Test RB = RB50#0

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#49



5.1.1.2.2.3 Test RB = RB25#13

5.1.1.2.2.4 Test RB = RB50#0

6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

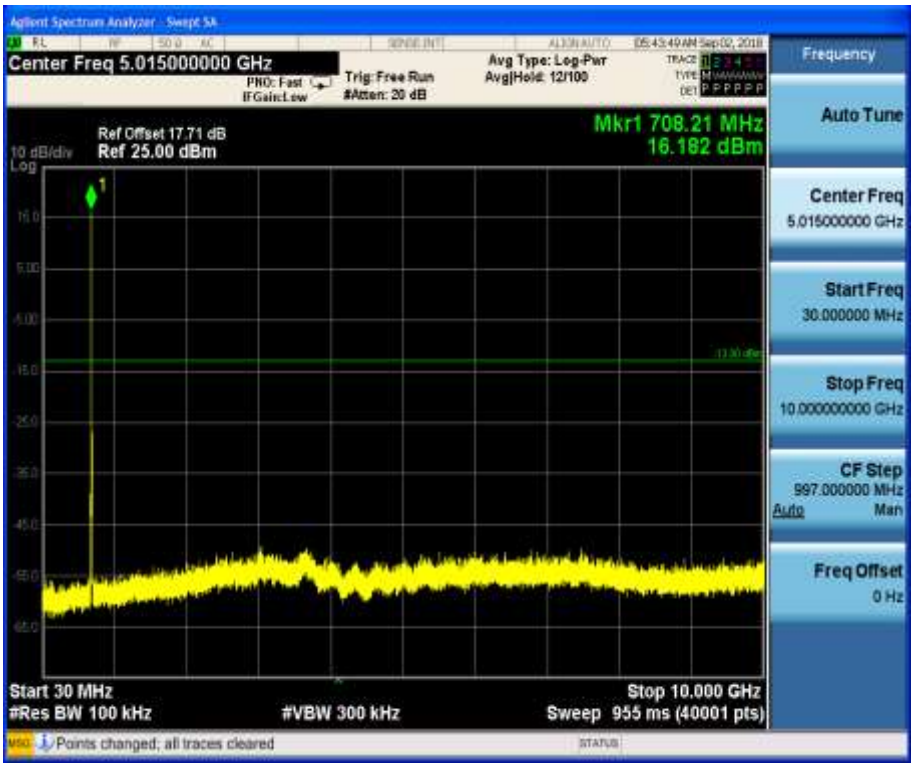
6.1.1 Test Band = BAND17

6.1.1.1 Test Mode = LTE/TM1

6.2.1.1.1 Test Bandwidth = 5

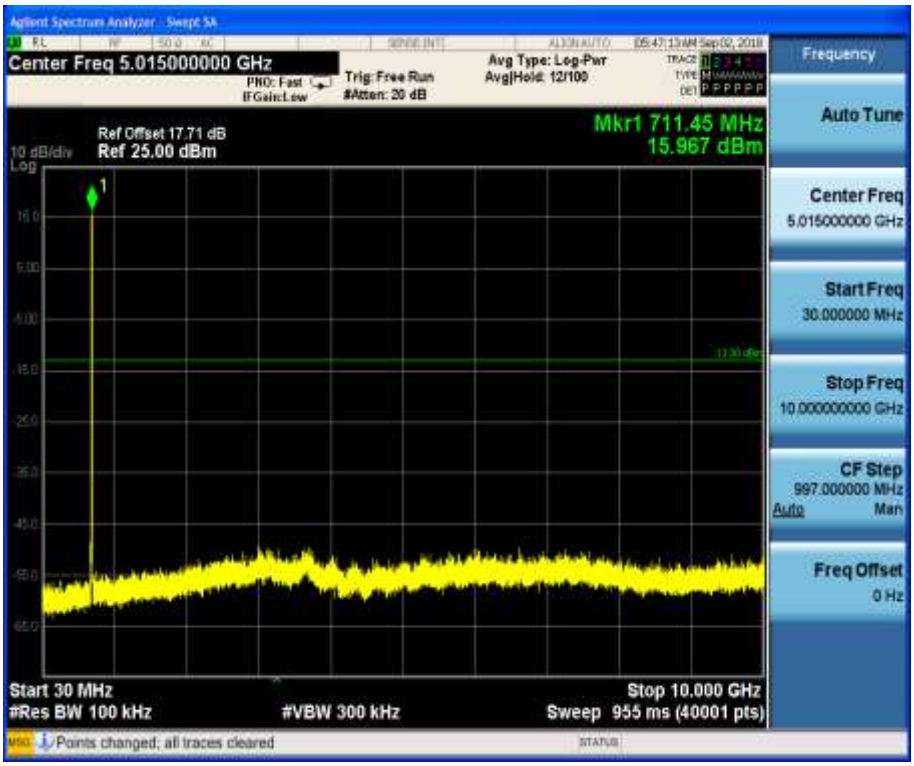
6.2.1.1.1.1 Test Channel = LCH

6.2.1.1.1.1.1 Test RB = RB1#0



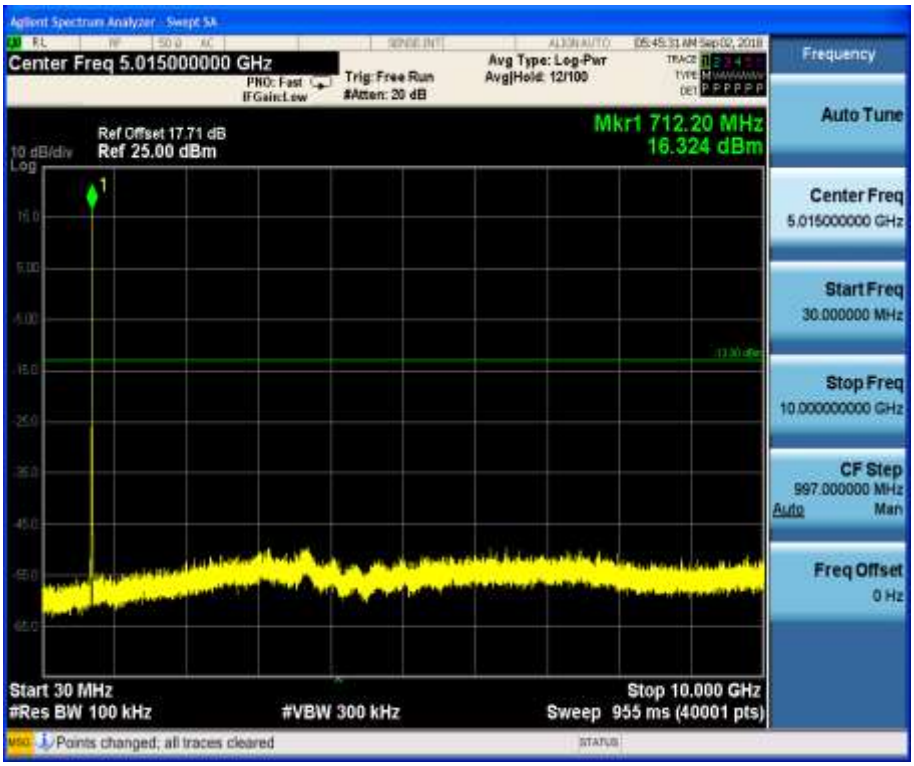
6.2.1.1.1.2 Test Channel = MCH

6.2.1.1.1.2.1 Test RB = RB1#0



6.2.1.1.1.3 Test Channel = HCH

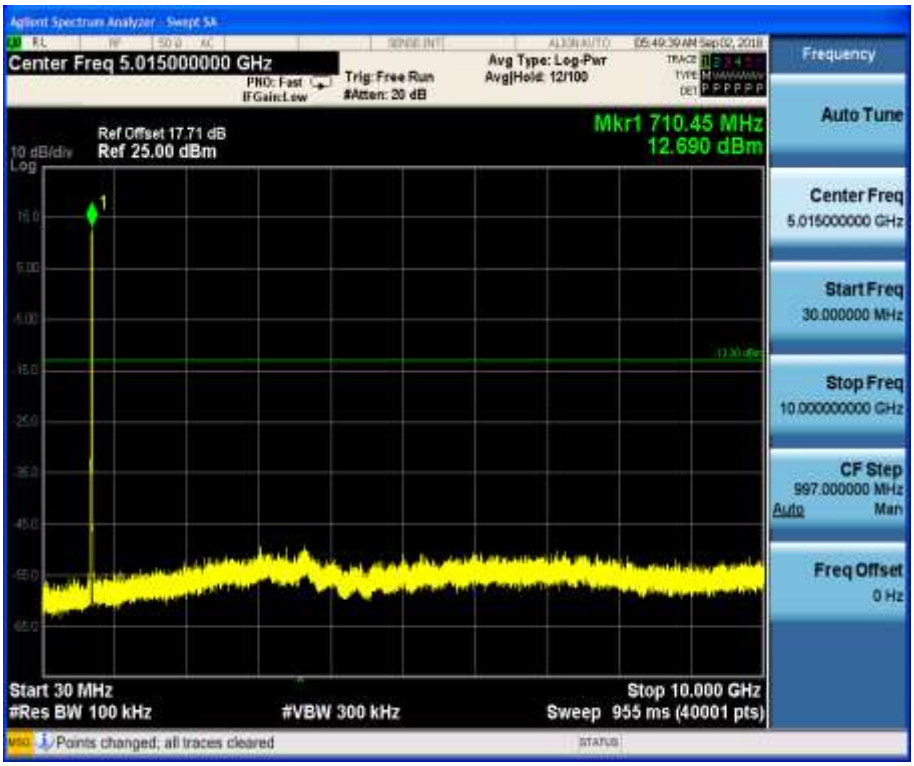
6.2.1.1.1.3.1 Test RB = RB1#0



6.2.1.1.2 Test Bandwidth = 10

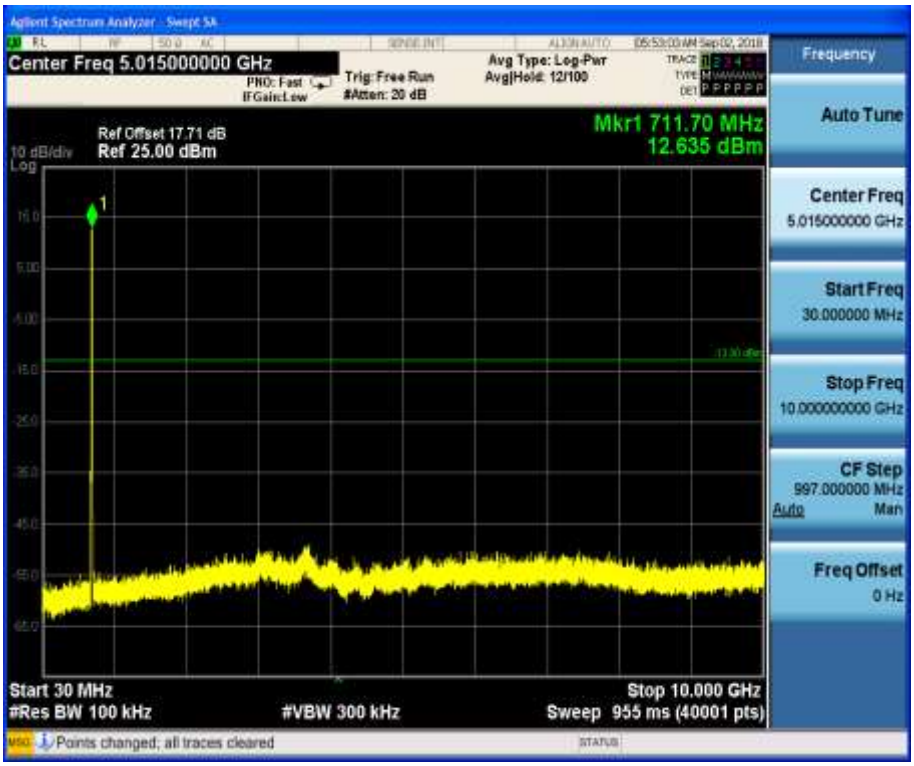
6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0



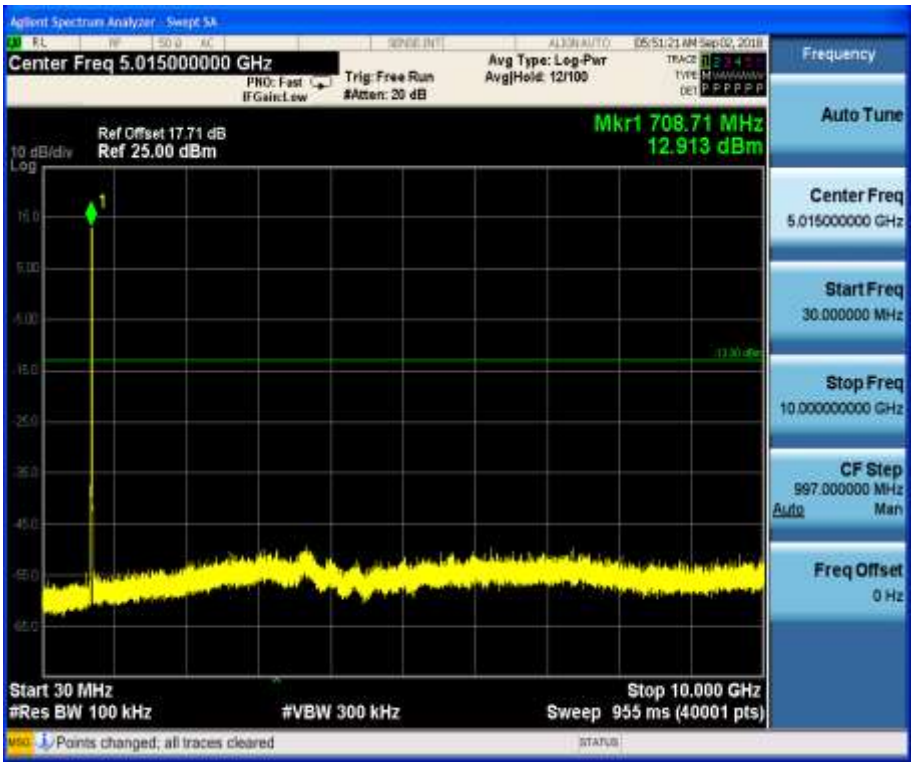
6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0



6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0

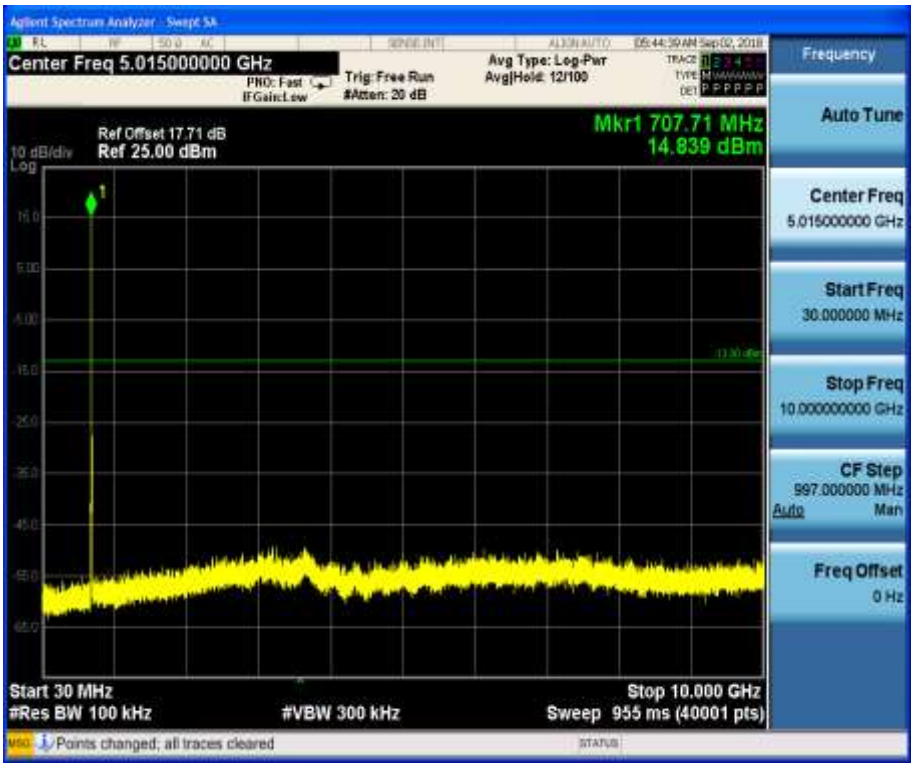


6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1Test Bandwidth = 5

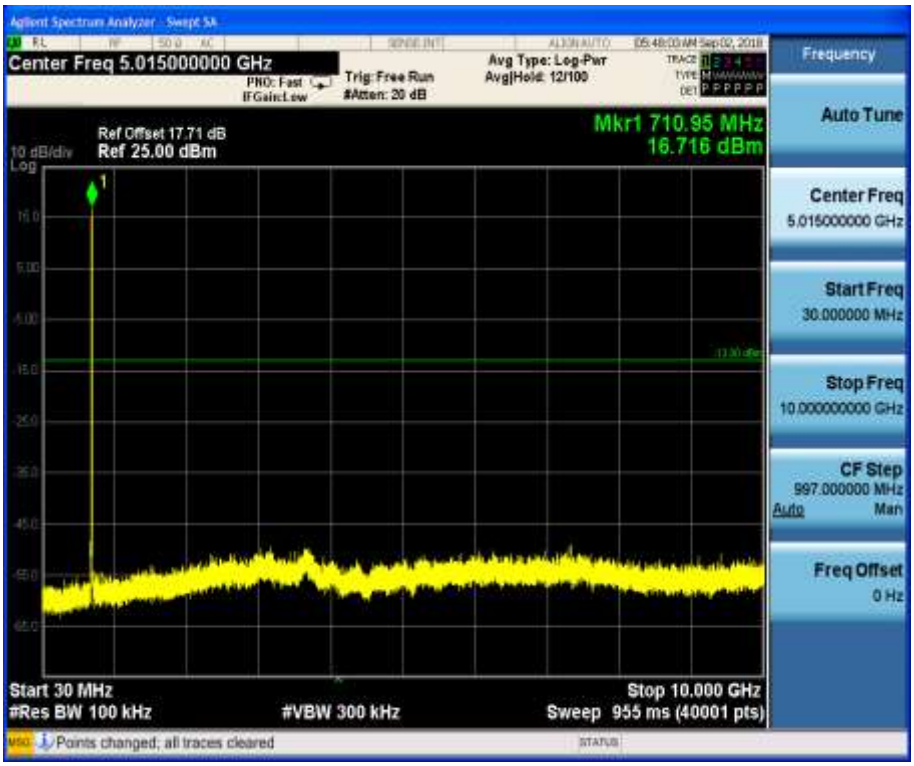
6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



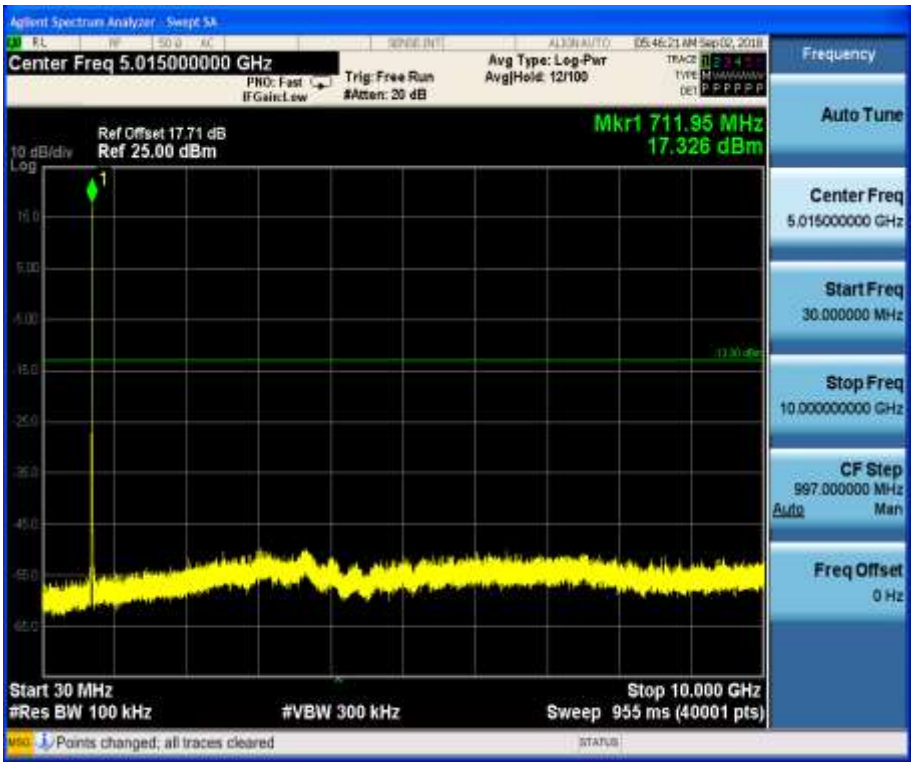
6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0



6.2.1.2.1.3 Test Channel = HCH

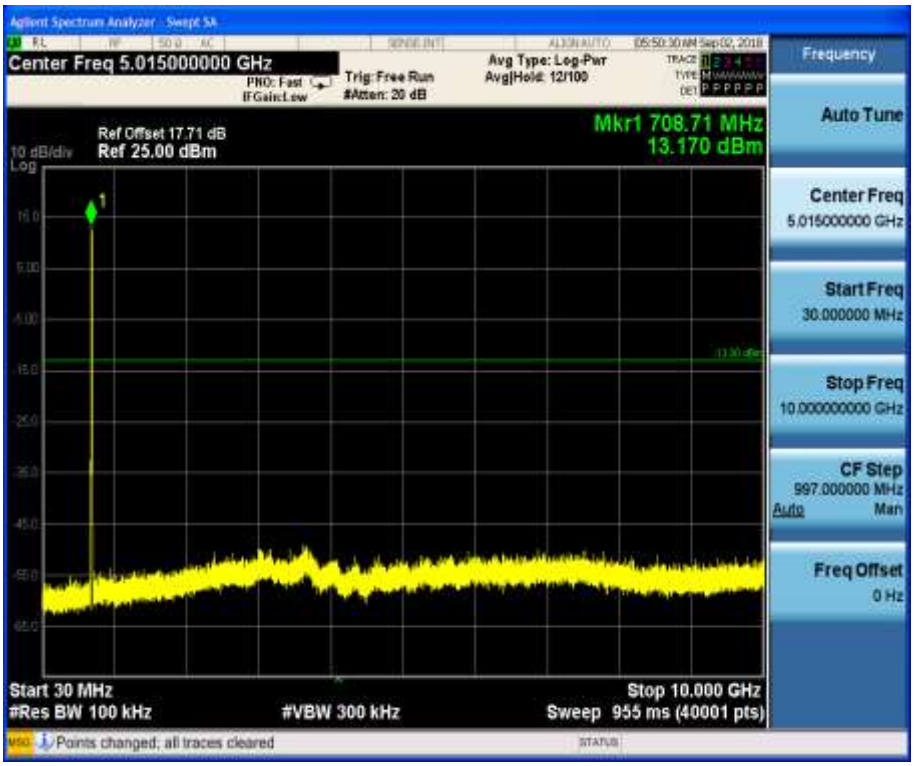
6.2.1.2.1.3.1 Test RB = RB1#0



6.2.1.2.2 Test Bandwidth = 10

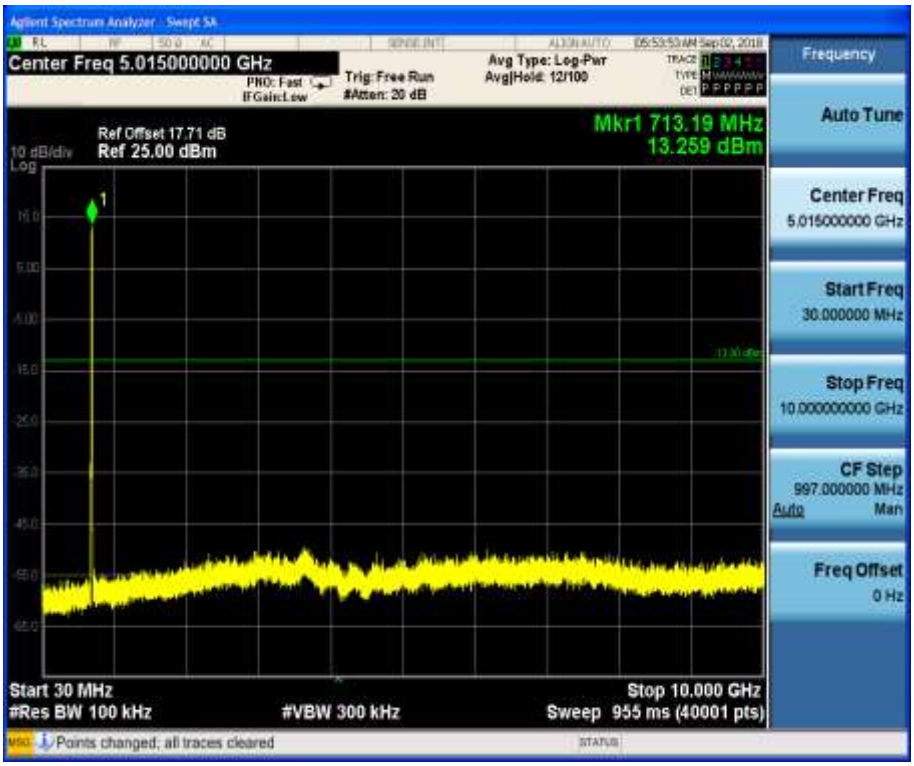
6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



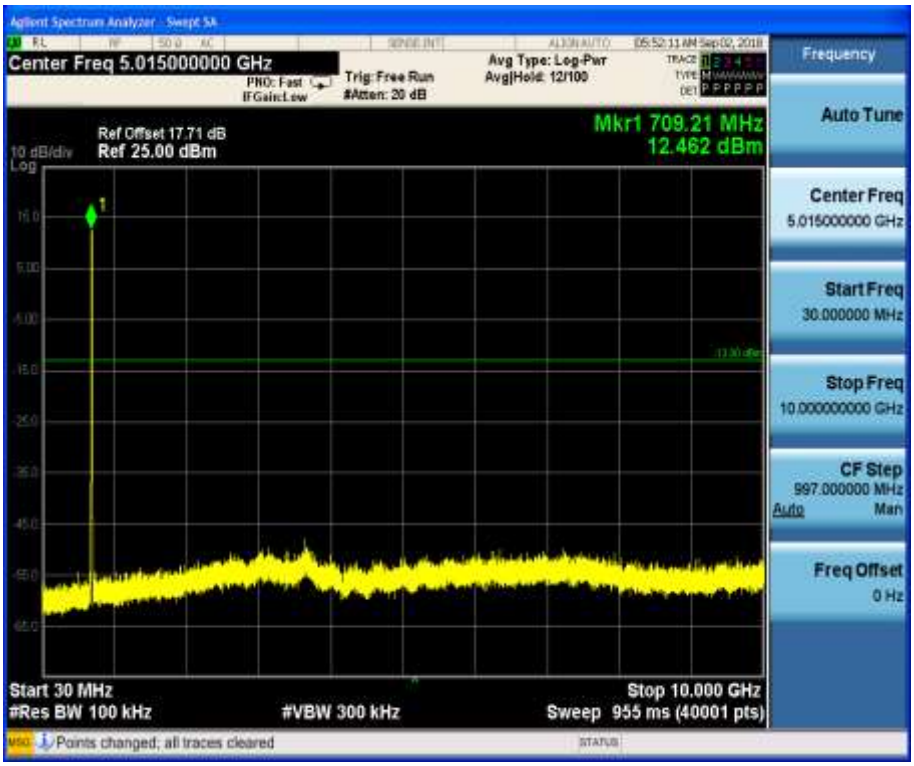
6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0



6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0



7Appendix_G: Field Strength of Spurious Radiation

Note:We tested all modes, but the data presented below is the worst case.

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

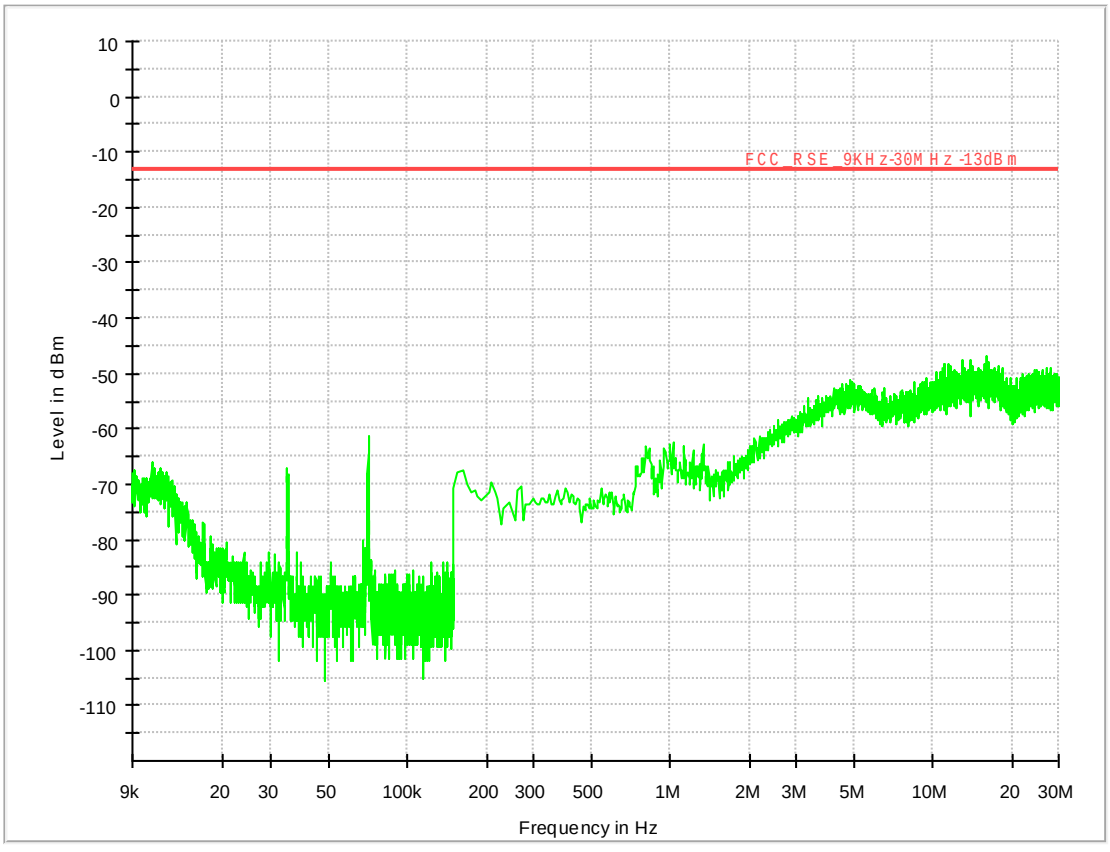
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

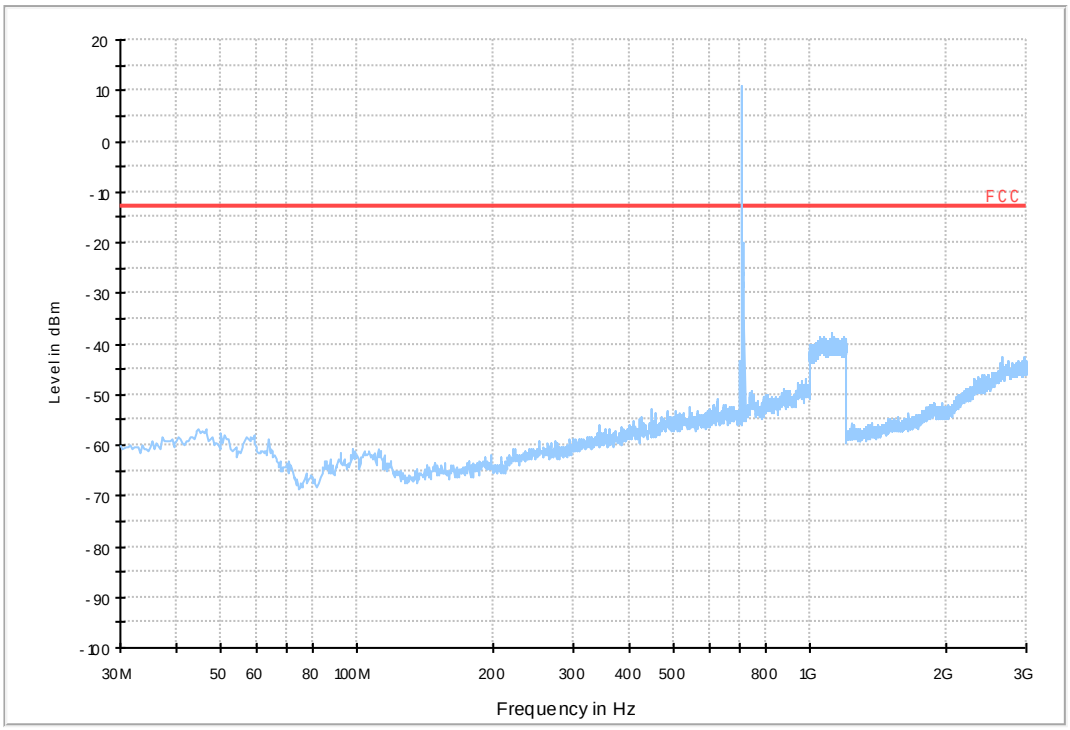
7.1 For LTE

7.1.1 Test Band = BAND17_ANT1

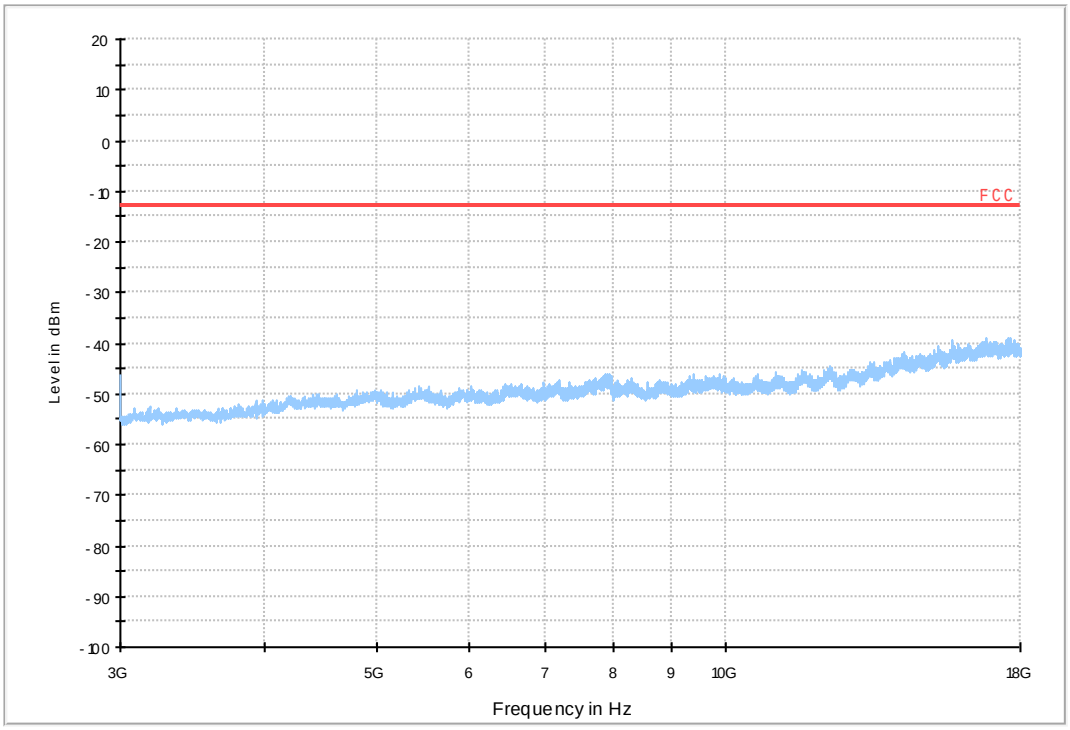
7.1.1.1 Test Bandwidth = 5



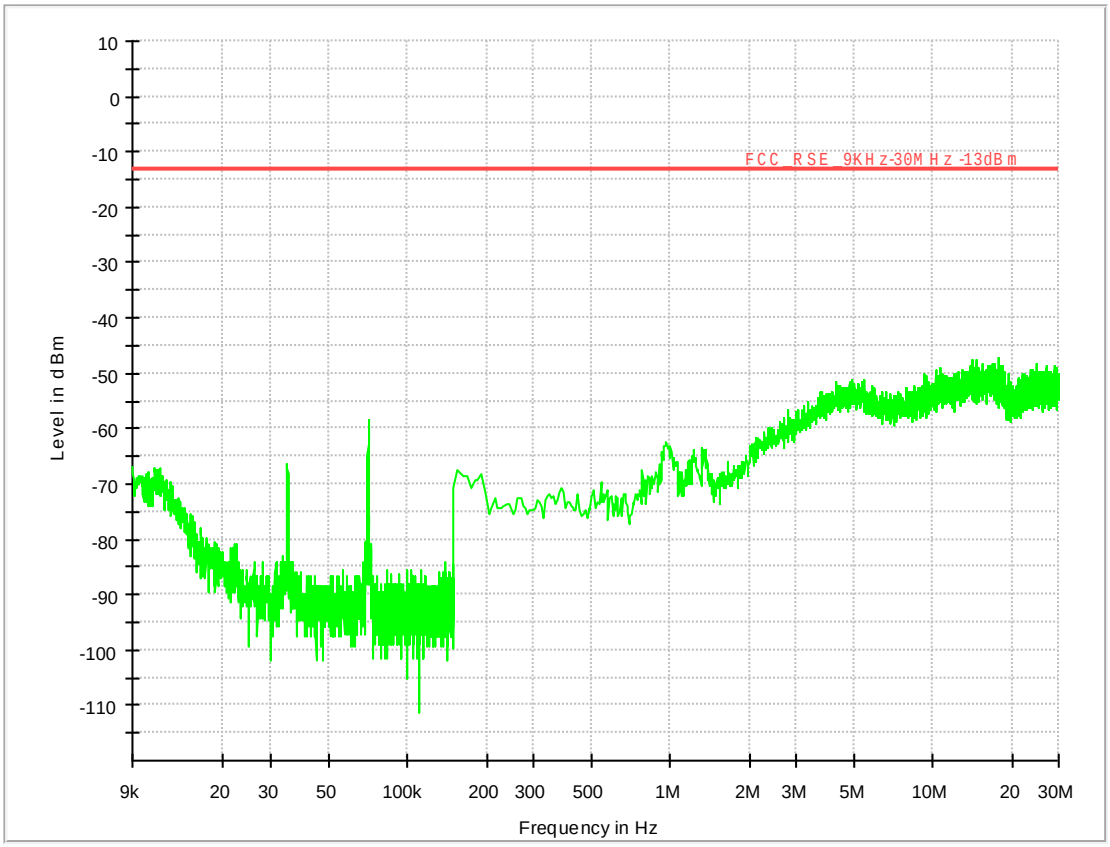
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



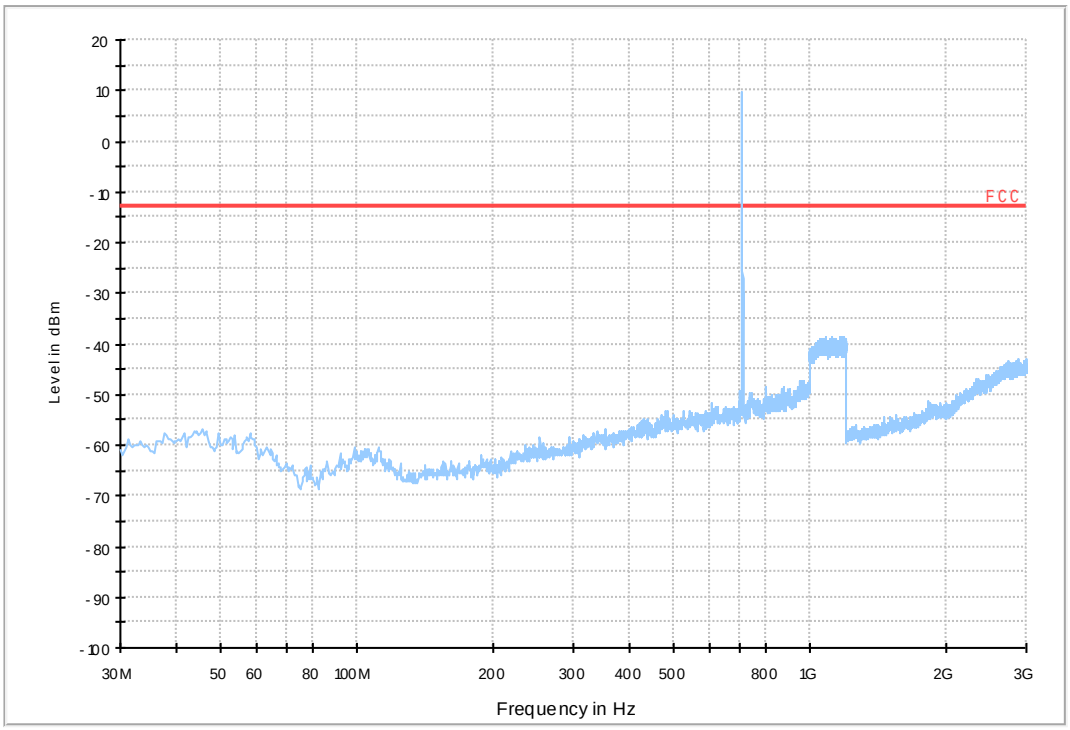
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



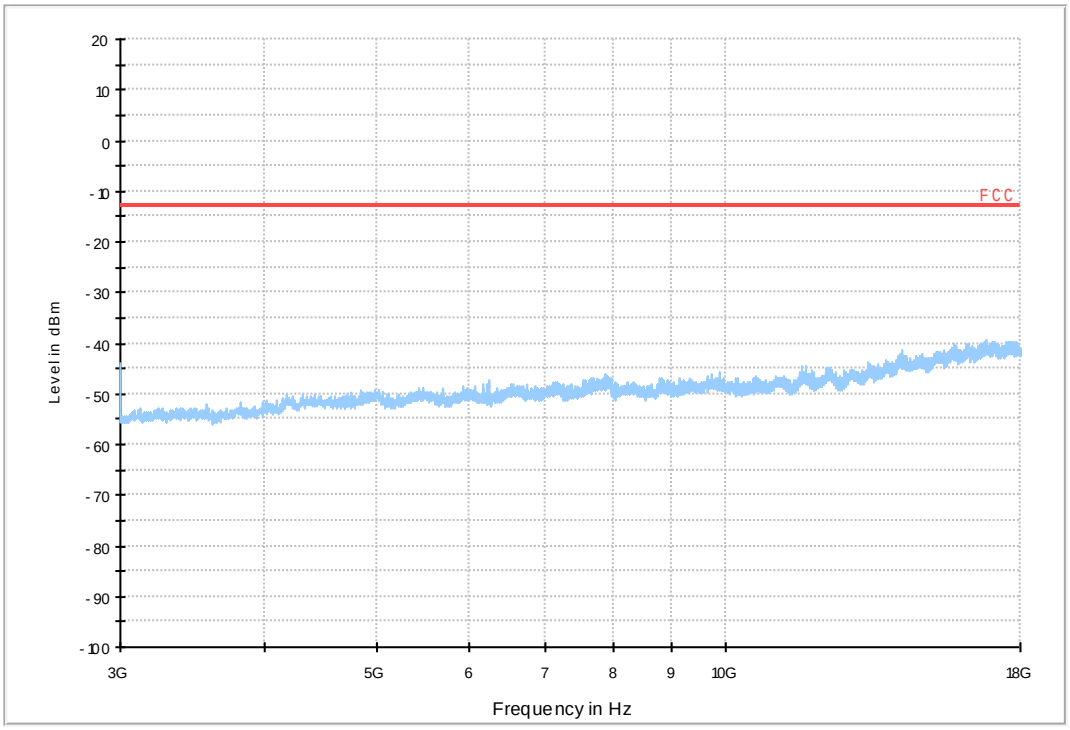
7.1.1.2 Test Bandwidth = 10



LTE FDD RSE-TX-DIRECTOR BELOW 1G_L

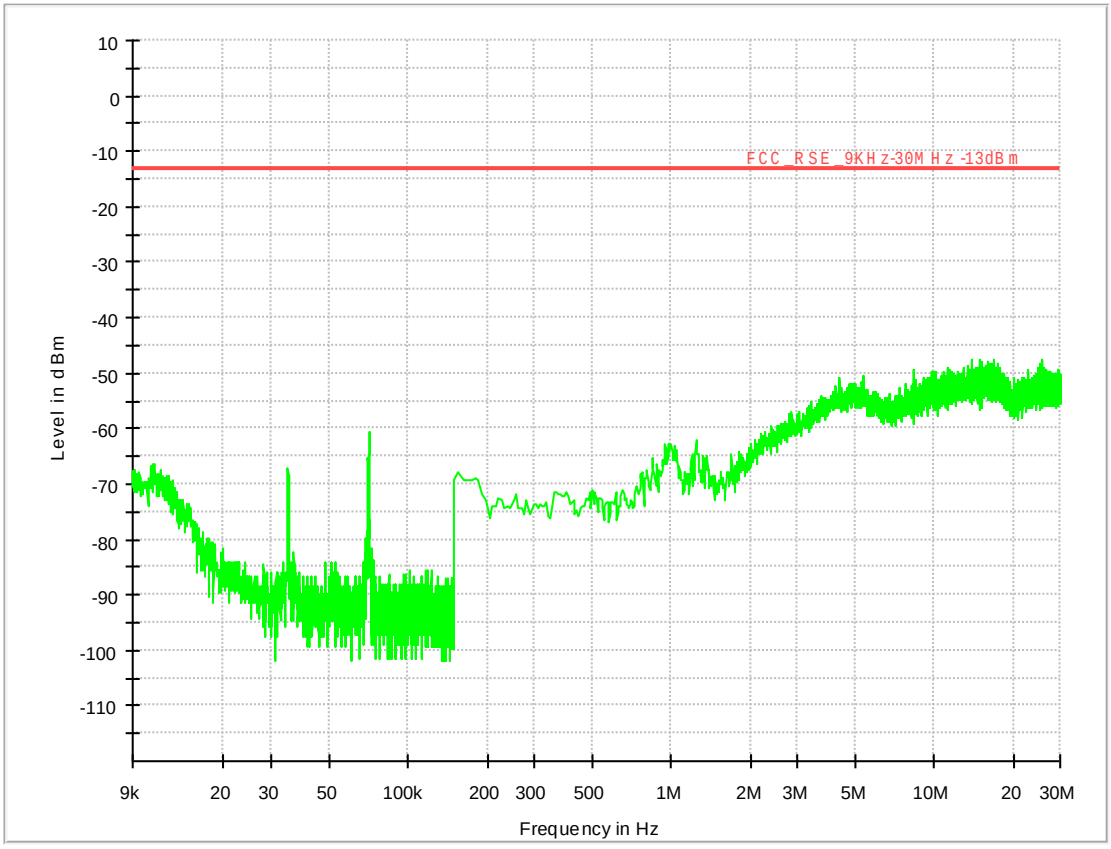


LTE FDD RSE-TX-DIRECTOR BELOW 1G_H

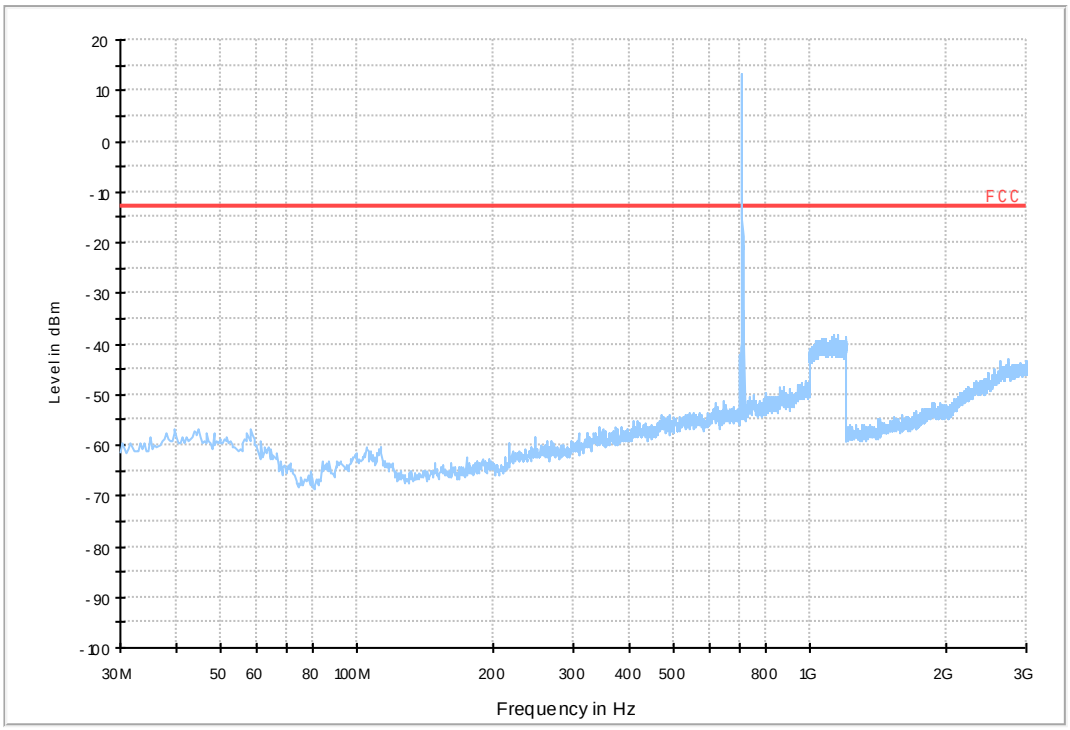


7.1.2 Test Band = BAND17_ANT2

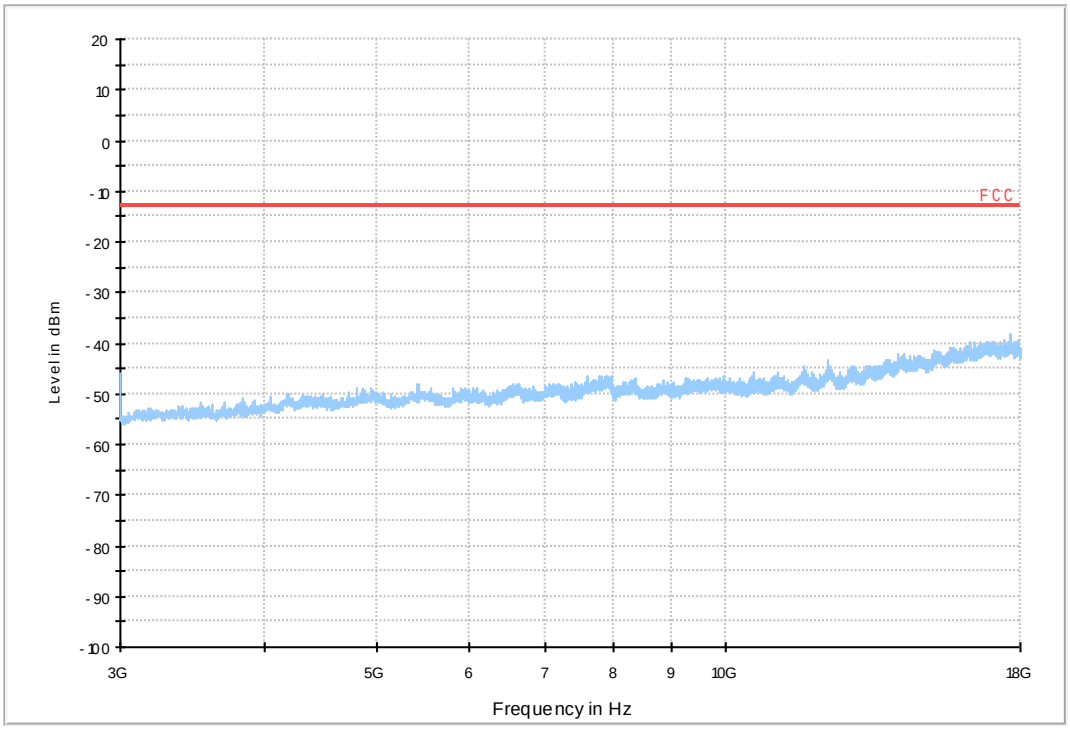
7.1.2.1 Test Bandwidth = 5



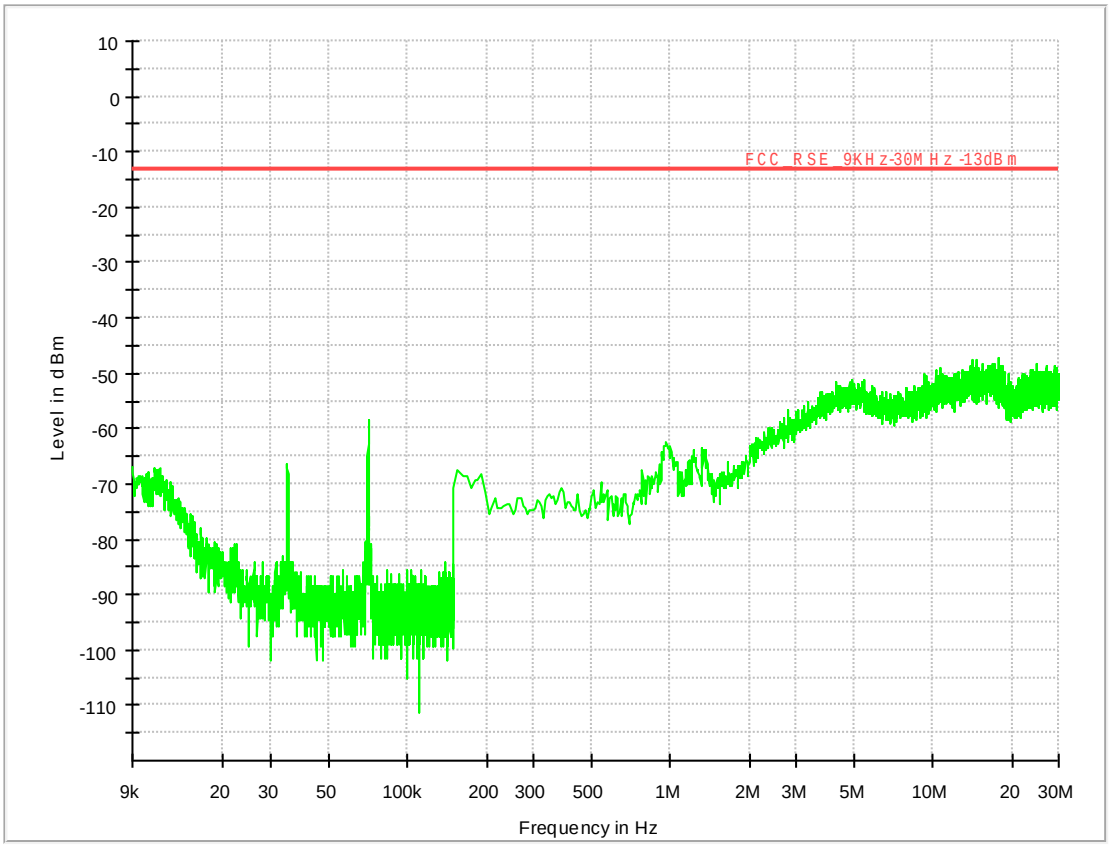
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



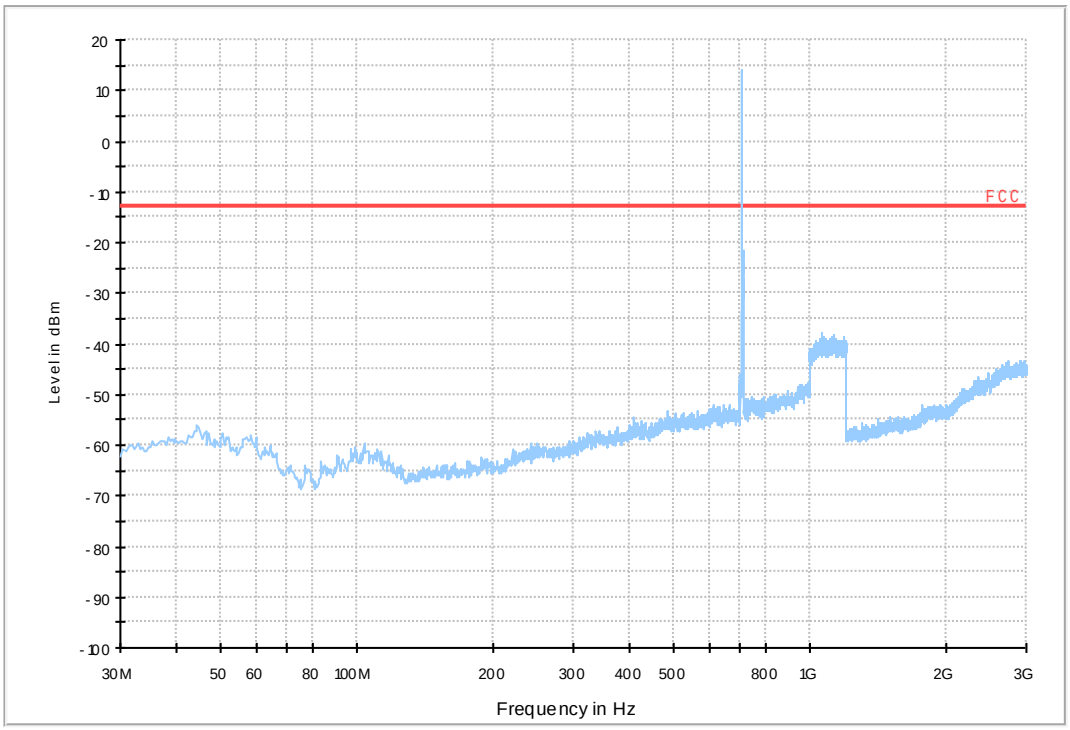
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



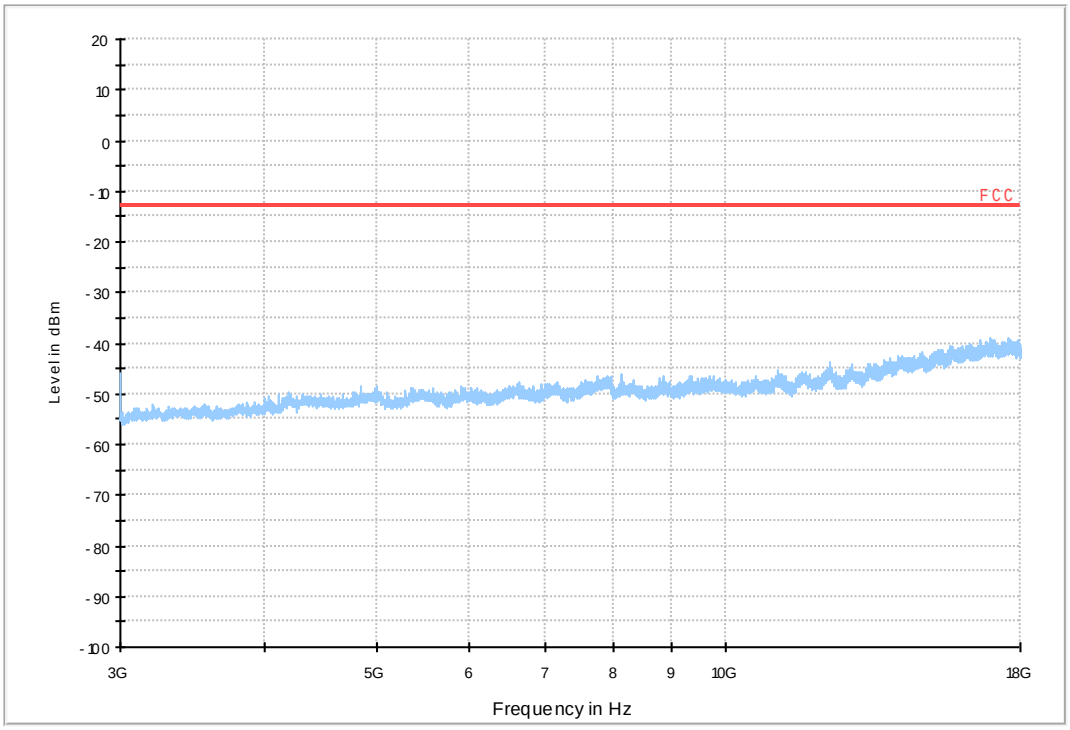
7.1.2.2 Test Bandwidth = 10



LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND17	LTE/TM1	5	LCH	TN	VL	5.96523	0.00844	PASS
					VN	-2.97546	-0.00421	PASS
					VH	-3.31879	-0.00470	PASS
			MCH	TN	VL	1.13010	0.00159	PASS
					VN	3.08990	0.00435	PASS
					VH	0.28610	0.00040	PASS
			HCH	TN	VL	4.60625	0.00646	PASS
					VN	-3.76225	-0.00527	PASS
					VH	1.57356	0.00221	PASS
		10	LCH	TN	VL	1.91688	0.00270	PASS
					VN	0.60081	0.00085	PASS
					VH	-1.18732	-0.00167	PASS
			MCH	TN	VL	-0.77248	-0.00109	PASS
					VN	-0.92983	-0.00131	PASS
					VH	0.50068	0.00071	PASS
			HCH	TN	VL	-3.04699	-0.00429	PASS
					VN	-0.10014	-0.00014	PASS
					VH	0.74387	0.00105	PASS
	LTE/TM2	5	LCH	TN	VL	1.54495	0.00219	PASS
					VN	-1.94550	-0.00275	PASS
					VH	-3.44753	-0.00488	PASS
			MCH	TN	VL	-1.55926	-0.00220	PASS
					VN	0.07153	0.00010	PASS
					VH	-2.81811	-0.00397	PASS
			HCH	TN	VL	-0.05722	-0.00008	PASS
					VN	2.57492	0.00361	PASS
					VH	-3.01838	-0.00423	PASS
		10	LCH	TN	VL	0.41485	0.00059	PASS
					VN	2.37465	0.00335	PASS
					VH	1.33038	0.00188	PASS
			MCH	TN	VL	3.87669	0.00546	PASS
					VN	2.17438	0.00306	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-1.57356	-0.00222	PASS
			HCH	TN	VL	2.57492	0.00362	PASS
					VN	-1.07288	-0.00151	PASS
					VH	-1.01566	-0.00143	PASS

8.1.2Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND17	LTE/TM1	5	LCH	VN	-30	7.33852	0.01039	PASS
					-20	-2.76089	-0.00391	PASS
					-10	1.01566	0.00144	PASS
					0	0.78678	0.00111	PASS
					10	-0.21458	-0.00030	PASS
					20	-2.97546	-0.00421	PASS
					30	4.04835	0.00573	PASS
					40	-9.99928	-0.01415	PASS
					50	-1.78814	-0.00253	PASS
			MCH	VN	-30	1.70231	0.00240	PASS
					-20	-2.17438	-0.00306	PASS
					-10	-0.91553	-0.00129	PASS
					0	1.38760	0.00195	PASS
					10	-7.96795	-0.01122	PASS
					20	3.08990	0.00435	PASS
					30	1.35899	0.00191	PASS
					40	-4.94957	-0.00697	PASS
					50	0.45776	0.00064	PASS
			HCH	VN	-30	4.14848	0.00581	PASS
					-20	1.50204	0.00211	PASS
					-10	1.48773	0.00209	PASS
					0	0.41485	0.00058	PASS
					10	-2.51770	-0.00353	PASS
					20	-3.76225	-0.00527	PASS
					30	-1.67370	-0.00235	PASS
					40	0.70095	0.00098	PASS
					50	0.71526	0.00100	PASS
		10	LCH	VN	-30	-2.16007	-0.00305	PASS
					-20	-1.21593	-0.00171	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-4.06265	-0.00573	PASS
					0	0.54359	0.00077	PASS
					10	3.67641	0.00519	PASS
					20	0.60081	0.00085	PASS
					30	-2.58923	-0.00365	PASS
					40	4.10557	0.00579	PASS
					50	-0.30041	-0.00042	PASS
			MCH	VN	-30	2.83241	0.00399	PASS
					-20	-1.48773	-0.00210	PASS
					-10	-0.40054	-0.00056	PASS
					0	-0.67234	-0.00095	PASS
					10	0.20027	0.00028	PASS
					20	-0.92983	-0.00131	PASS
					30	0.32902	0.00046	PASS
					40	-0.97275	-0.00137	PASS
					50	0.74387	0.00105	PASS
			HCH	VN	-30	-1.47343	-0.00207	PASS
					-20	-0.22888	-0.00032	PASS
					-10	1.31607	0.00185	PASS
					0	-1.23024	-0.00173	PASS
					10	0.28610	0.00040	PASS
					20	-0.10014	-0.00014	PASS
					30	0.55790	0.00078	PASS
					40	-0.71526	-0.00101	PASS
					50	-0.31471	-0.00044	PASS
	LTE/TM2	5	LCH	VN	-30	-0.88692	-0.00126	PASS
					-20	2.78950	0.00395	PASS
					-10	1.97411	0.00279	PASS
					0	-1.57356	-0.00223	PASS
					10	0.98705	0.00140	PASS
					20	-1.94550	-0.00275	PASS
					30	-3.37601	-0.00478	PASS
					40	0.98705	0.00140	PASS
					50	-2.00272	-0.00283	PASS
			MCH	VN	-30	1.30177	0.00183	PASS
					-20	2.81811	0.00397	PASS
					-10	2.37465	0.00334	PASS
					0	4.60625	0.00649	PASS
					10	-1.94550	-0.00274	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	0.07153	0.00010	PASS
					30	-0.88692	-0.00125	PASS
					40	1.60217	0.00226	PASS
					50	0.77248	0.00109	PASS
			HCH	VN	-30	-0.58651	-0.00082	PASS
					-20	4.26292	0.00597	PASS
					-10	1.35899	0.00190	PASS
					0	-6.16550	-0.00864	PASS
					10	1.37329	0.00192	PASS
					20	2.57492	0.00361	PASS
					30	2.43187	0.00341	PASS
					40	0.55790	0.00078	PASS
					50	0.07153	0.00010	PASS
		10	LCH	VN	-30	-2.43187	-0.00343	PASS
					-20	1.85966	0.00262	PASS
					-10	1.00136	0.00141	PASS
					0	-0.38624	-0.00054	PASS
					10	0.10014	0.00014	PASS
					20	2.37465	0.00335	PASS
					30	2.56062	0.00361	PASS
					40	0.44346	0.00063	PASS
					50	-1.23024	-0.00174	PASS
			MCH	VN	-30	2.16007	0.00304	PASS
					-20	0.57220	0.00081	PASS
					-10	-0.01431	-0.00002	PASS
					0	1.25885	0.00177	PASS
					10	-4.32015	-0.00608	PASS
					20	2.17438	0.00306	PASS
					30	-1.24455	-0.00175	PASS
					40	1.91688	0.00270	PASS
					50	1.61648	0.00228	PASS
			HCH	VN	-30	-5.06401	-0.00712	PASS
					-20	1.44482	0.00203	PASS
					-10	-0.05722	-0.00008	PASS
					0	2.66075	0.00374	PASS
					10	-1.70231	-0.00239	PASS
					20	-1.07288	-0.00151	PASS
					30	1.54495	0.00217	PASS
					40	0.57220	0.00080	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-1.88827	-0.00266	PASS

END