



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Band width	Test Chann el	PCC Test RB	SCC Test RB	Measured[d Bm]	EIRP [dBm]	Limit [dBm]	Verdict
CA_2C	LTE/T M1	20+5	LCH	1 # 0	0 # 0	22.65	21.21	33	PASS
				partial RBs # 0	0 # 0	21.75	20.31	33	PASS
				full RBs # 0	0 # 0	20.29	18.85	33	PASS
				full RBs # 0	full RBs # 0	19.9	18.46	33	PASS
			MCH	1 # 0	0 # 0	22.61	21.17	33	PASS
				partial RBs # 0	0 # 0	21.62	20.18	33	PASS
				full RBs # 0	0 # 0	20.22	18.78	33	PASS
				full RBs # 0	full RBs # 0	19.56	18.12	33	PASS
			HCH	1 # 0	0 # 0	22.42	20.98	33	PASS

Test Band(LTE)	Test Mode	Test Band width	Test Channel	PCC Test RB	SCC Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				partial RBs # 0	0 # 0	21.47	20.03	33	PASS
				full RBs # 0	0 # 0	20.1	18.66	33	PASS
				full RBs # 0	full RBs # 0	19.36	17.92	33	PASS
		20+20	LCH	1 # 0	0 # 0	22.73	21.29	33	PASS
				partial RBs # 0	0 # 0	22.88	21.44	33	PASS
				full RBs # 0	0 # 0	21.37	19.93	33	PASS
				full RBs # 0	full RBs # 0	19.11	17.67	33	PASS
			MCH	1 # 0	0 # 0	22.51	21.07	33	PASS
				partial RBs # 0	0 # 0	22.6	21.16	33	PASS
				full RBs # 0	0 # 0	21.29	19.85	33	PASS

Test Band(LTE)	Test Mode	Test Band width	Test Channel	PCC Test RB	SCC Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				full RBs # 0	full RBs # 0	19.23	17.79	33	PASS
			HCH	1 # 0	0 # 0	22.53	21.09	33	PASS
				partial RBs # 0	0 # 0	22.62	21.18	33	PASS
				full RBs # 0	0 # 0	21.19	19.75	33	PASS
				full RBs # 0	full RBs # 0	19.02	17.58	33	PASS
	LTE/T M2	20+5	LCH	1 # 0	0 # 0	22.52	21.08	33	PASS
				partial RBs # 0	0 # 0	20.8	19.36	33	PASS
				full RBs # 0	0 # 0	19.25	17.81	33	PASS
				full RBs # 0	full RBs # 0	18.59	17.15	33	PASS
			MCH	1 # 0	0 # 0	22.14	20.7	33	PASS
				partial	0 # 0	20.63	19.19	33	PASS

Test Band(LTE)	Test Mode	Test Band width	Test Channel	PCC Test RB	SCC Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RBs # 0					
				full RBs # 0	0 # 0	19.18	17.74	33	PASS
				full RBs # 0	full RBs # 0	18.41	16.97	33	PASS
			HCH	1 # 0	0 # 0	22.16	20.72	33	PASS
				partial RBs # 0	0 # 0	20.51	19.07	33	PASS
				full RBs # 0	0 # 0	19.08	17.64	33	PASS
				full RBs # 0	full RBs # 0	18.28	16.84	33	PASS
		20+20	LCH	1 # 0	0 # 0	22.56	21.12	33	PASS
				partial RBs # 0	0 # 0	21.69	20.25	33	PASS
				full RBs # 0	0 # 0	20.23	18.79	33	PASS

Test Band(LTE)	Test Mode	Test Band width	Test Channel	PCC Test RB	SCC Test RB	Measured[dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	full RBs # 0	full RBs # 0	18.17	16.73	33	PASS
				1 # 0	0 # 0	22.34	20.9	33	PASS
				partial RBs # 0	0 # 0	21.65	20.21	33	PASS
				full RBs # 0	0 # 0	20.25	18.81	33	PASS
				full RBs # 0	full RBs # 0	18.21	16.77	33	PASS
			HCH	1 # 0	0 # 0	22.15	20.71	33	PASS
				partial RBs # 0	0 # 0	21.7	20.26	33	PASS
				full RBs # 0	0 # 0	20.17	18.73	33	PASS
				full RBs # 0	full RBs # 0	18.24	16.8	33	PASS

Note1:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP = Signal Generator Level

Note2:

$$\text{SET Span} = 1.5 * \text{OBW}$$

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed 1MHz}$$

$$\text{SET VBW} \geq 3 * \text{RBW}$$

SET Sweep time = auto - couple.

Detector: RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	Limit [dBm]	Verdict
CA_2C	LTE/TM1	20+5	LCH	1 # 0	0 # 0	3.35	13	PASS
				partial RBs # 0	0 # 0	4.59	13	PASS
				full RBs # 0	0 # 0	6.26	13	PASS
				full RBs # 0	full RBs # 0	7.03	13	PASS
			MCH	1 # 0	0 # 0	4.05	13	PASS
				partial RBs # 0	0 # 0	4.82	13	PASS
				full RBs # 0	0 # 0	6.35	13	PASS
				full RBs # 0	full RBs # 0	7.10	13	PASS
			HCH	1 # 0	0 # 0	4.03	13	PASS
				partial RBs # 0	0 # 0	4.67	13	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	Limit [dBm]	Verdict
				0				
				full RBs # 0	0 # 0	5.72	13	PASS
				full RBs # 0	full RBs # 0	5.56	13	PASS
		20+20	LCH	1 # 0	0 # 0	3.56	13	PASS
				partial RBs # 0	0 # 0	3.74	13	PASS
				full RBs # 0	0 # 0	5.77	13	PASS
				full RBs # 0	full RBs # 0	6.75	13	PASS
			MCH	1 # 0	0 # 0	3.93	13	PASS
				partial RBs # 0	0 # 0	4.10	13	PASS
				full RBs # 0	0 # 0	6.06	13	PASS
				full RBs # 0	full RBs # 0	6.95	13	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	Limit [dBm]	Verdict
			HCH	1 # 0	0 # 0	3.73	13	PASS
				partial RBs # 0	0 # 0	4.32	13	PASS
				full RBs # 0	0 # 0	5.82	13	PASS
				full RBs # 0	full RBs # 0	6.58	13	PASS
	LTE/TM2	20+5	LCH	1 # 0	0 # 0	3.92	13	PASS
				partial RBs # 0	0 # 0	5.53	13	PASS
				full RBs # 0	0 # 0	7.30	13	PASS
				full RBs # 0	full RBs # 0	7.89	13	PASS
			MCH	1 # 0	0 # 0	4.51	13	PASS
				partial RBs # 0	0 # 0	5.71	13	PASS
				full RBs # 0	0 # 0	7.22	13	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	Limit [dBm]	Verdict
				full RBs # 0	full RBs # 0	7.86	13	PASS
				1 # 0	0 # 0	4.05	13	PASS
				partial RBs # 0	0 # 0	4.90	13	PASS
				full RBs # 0	0 # 0	6.08	13	PASS
				full RBs # 0	full RBs # 0	5.96	13	PASS
		20+20	HCH	1 # 0	0 # 0	4.10	13	PASS
				partial RBs # 0	0 # 0	4.68	13	PASS
				full RBs # 0	0 # 0	6.69	13	PASS
				full RBs # 0	full RBs # 0	7.45	13	PASS
			MCH	1 # 0	0 # 0	4.48	13	PASS
				partial RBs # 0	0 # 0	4.98	13	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	PCC Test RB	SCC Test RB	Measured [dBm]	Limit [dBm]	Verdict
				full RBs # 0	0 # 0	6.78	13	PASS
				full RBs # 0	full RBs # 0	7.70	13	PASS
			HCH	1 # 0	0 # 0	4.32	33	PASS
				partial RBs # 0	0 # 0	5.22	33	PASS
				full RBs # 0	0 # 0	6.75	33	PASS
				full RBs # 0	full RBs # 0	7.68	33	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

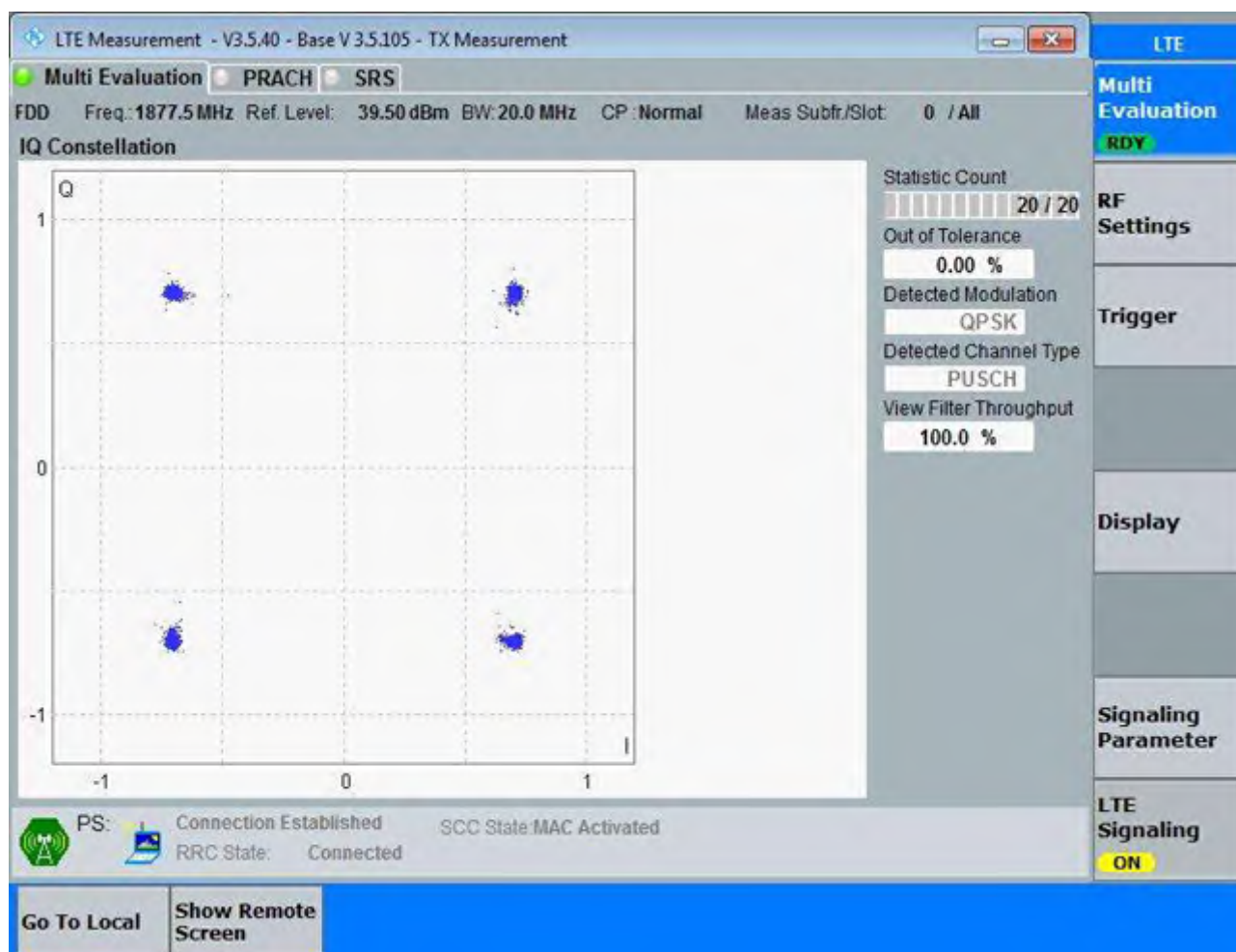
3.1.1 Test Band = CA_2C

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 20+5

3.1.1.1.1.1 Test Channel = MCH

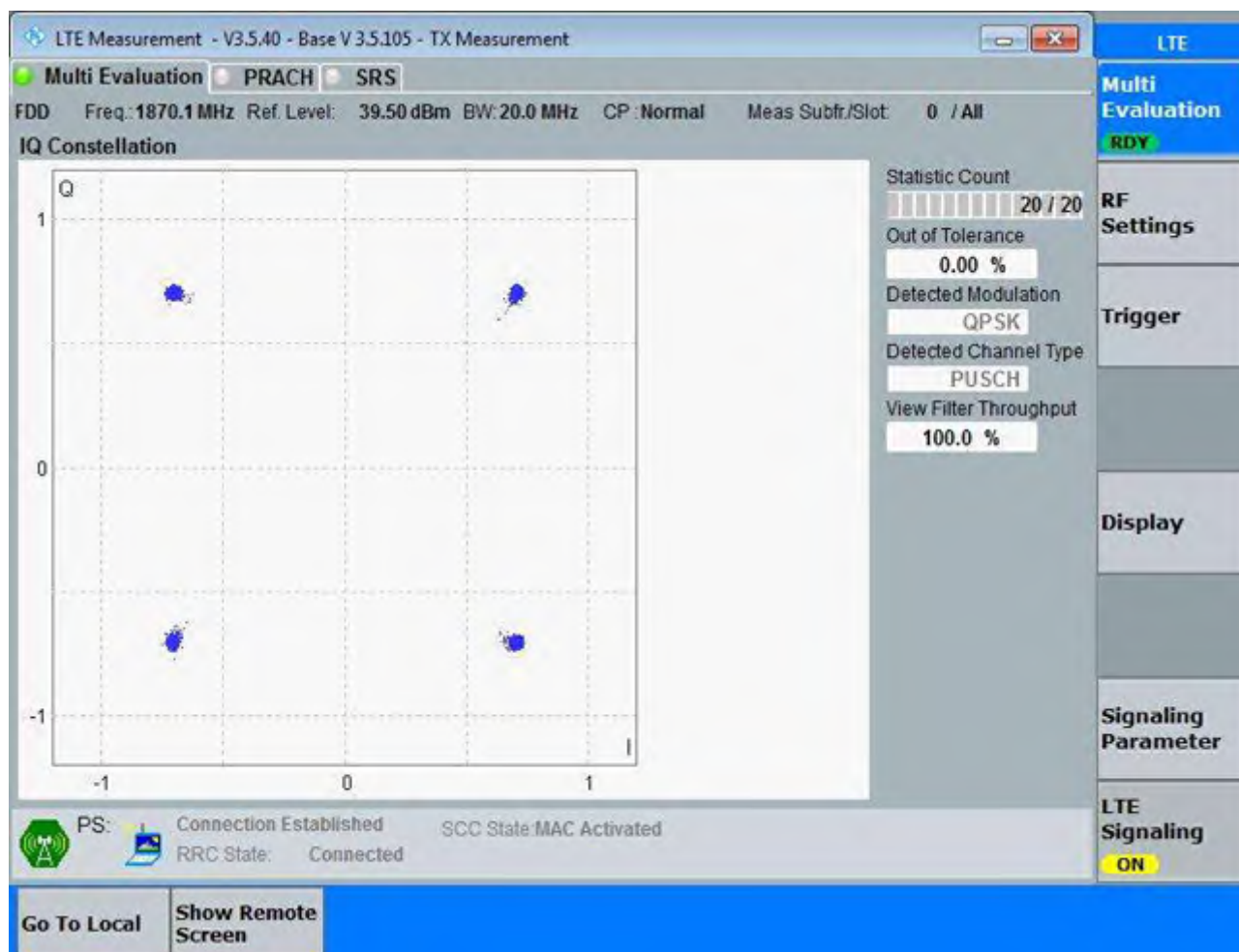
3.1.1.1.1.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



3.1.1.1.2 Test Bandwidth = 20+20

3.1.1.1.2.1 Test Channel = MCH

3.1.1.1.2.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs

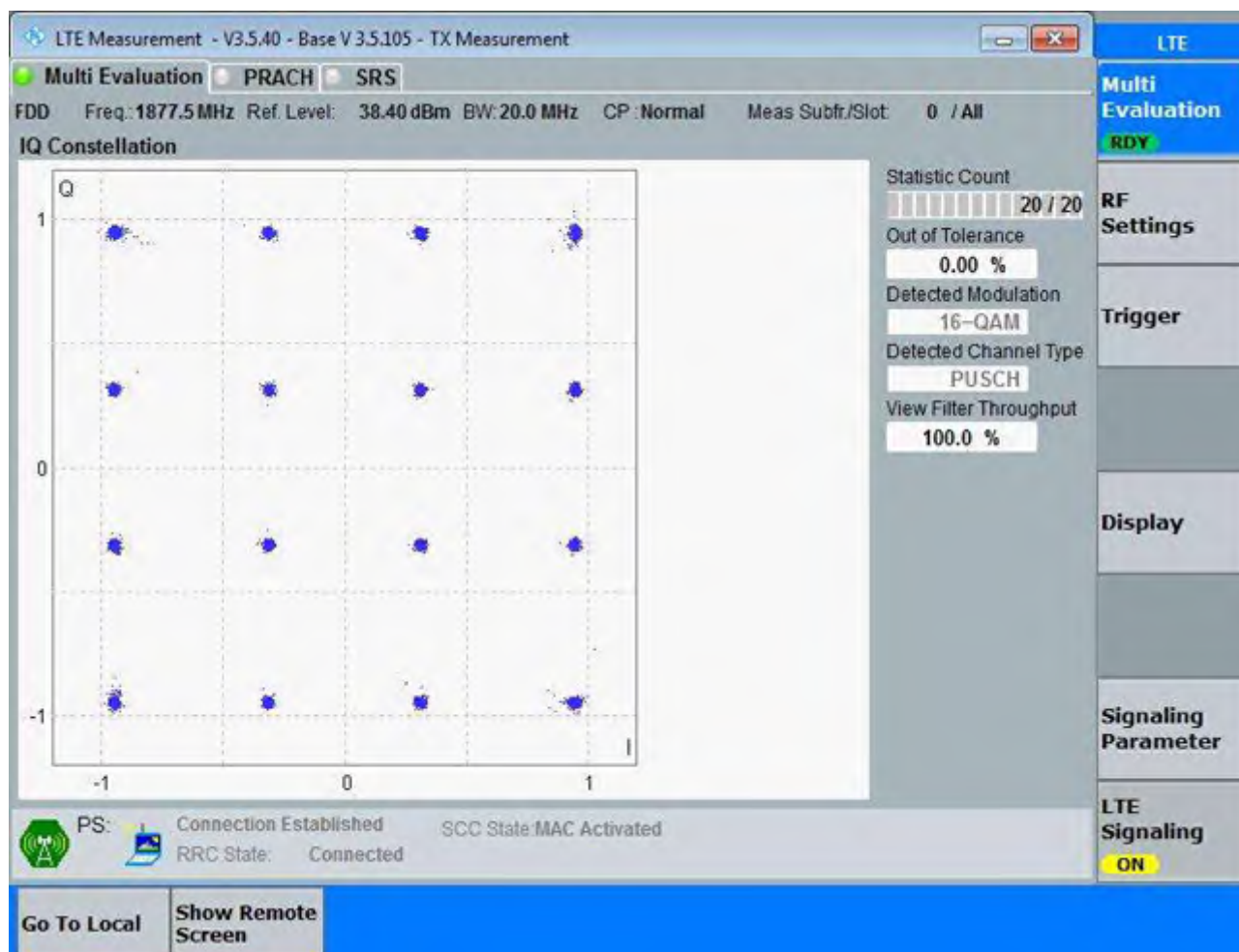


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 20+5

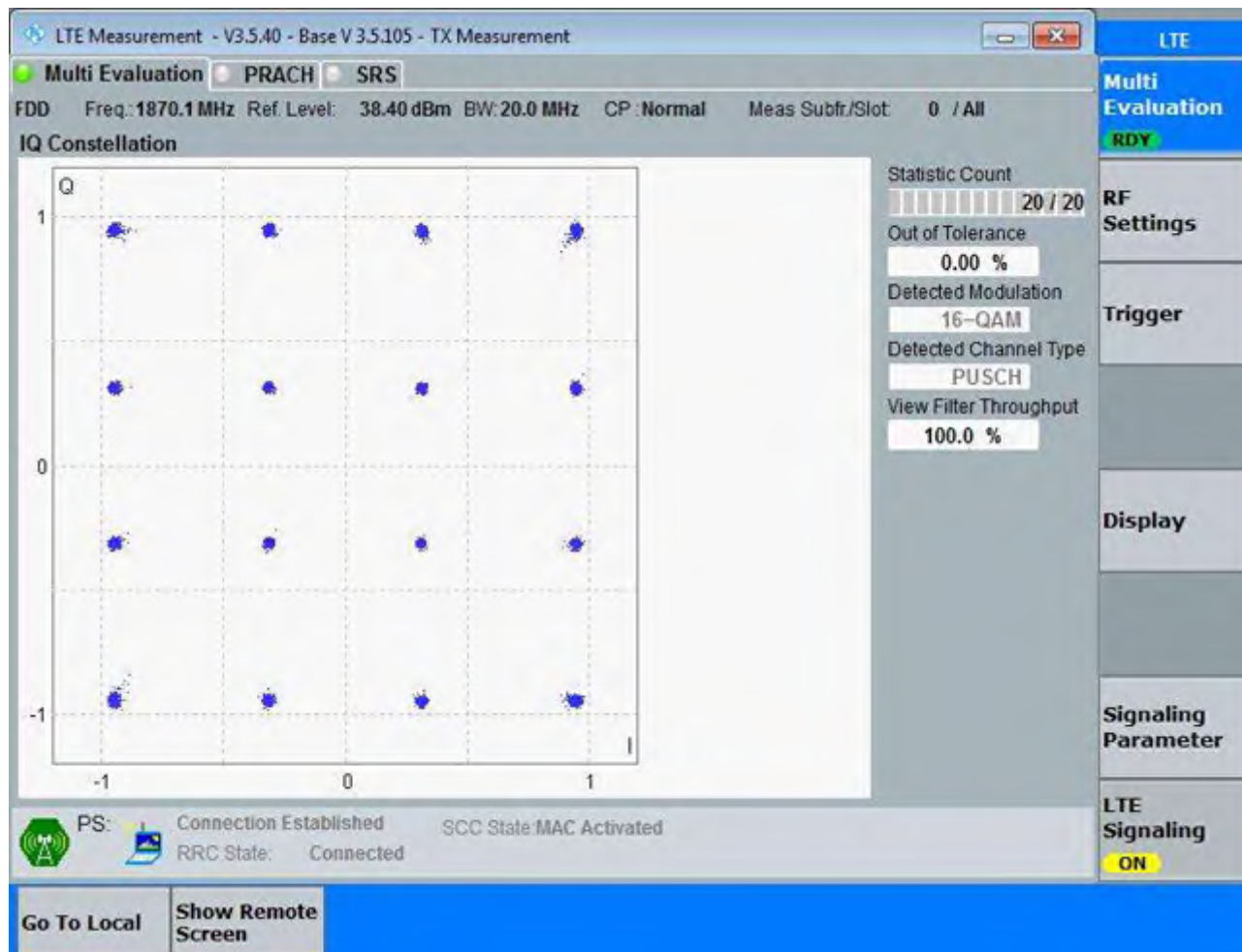
3.1.1.2.1.1 Test Channel = MCH

3.1.1.2.1.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



3.1.1.2.2 Test Bandwidth = 20+20

3.1.1.2.2.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4Appendix_D: Bandwidth

Part I - Test Results

Test Band(LTE)	Test Mode	Test Band width	Test Channel	PCC Test RB	SCC Test RB	Occupied Band width [MHz]	Emission Band width [MHz]	Verdict
CA_2C	LTE/TM1	20+5	LCH	full RBs # 0	full RBs # 0	23.54	25.48	PASS
			MCH	full RBs # 0	full RBs # 0	23.45	25.47	PASS
			HCH	full RBs # 0	full RBs # 0	23.52	25.62	PASS
		20+20	LCH	full RBs # 0	full RBs # 0	38.52	41.36	PASS
			MCH	full RBs # 0	full RBs # 0	38.39	41.41	PASS
			HCH	full RBs # 0	full RBs # 0	38.37	41.40	PASS
	LTE/TM2	20+5	LCH	full RBs # 0	full RBs # 0	23.57	25.42	PASS
			MCH	full RBs # 0	full RBs # 0	23.44	25.31	PASS
			HCH	full RBs # 0	full RBs # 0	23.47	25.47	PASS
		20+20	LCH	full RBs # 0	full RBs # 0	38.50	41.42	PASS
			MCH	full RBs # 0	full RBs # 0	38.43	41.49	PASS
			HCH	full RBs # 0	full RBs # 0	38.35	41.33	PASS

Part II - Test Plots

4.1 For LTE

4.1.1 Test Band = CA_2C

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 20+5

4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.2 Test Bandwidth = 20+20

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1 Test Mode = LTE/TM2

4.1.1.1.1 Test Bandwidth = 20+5

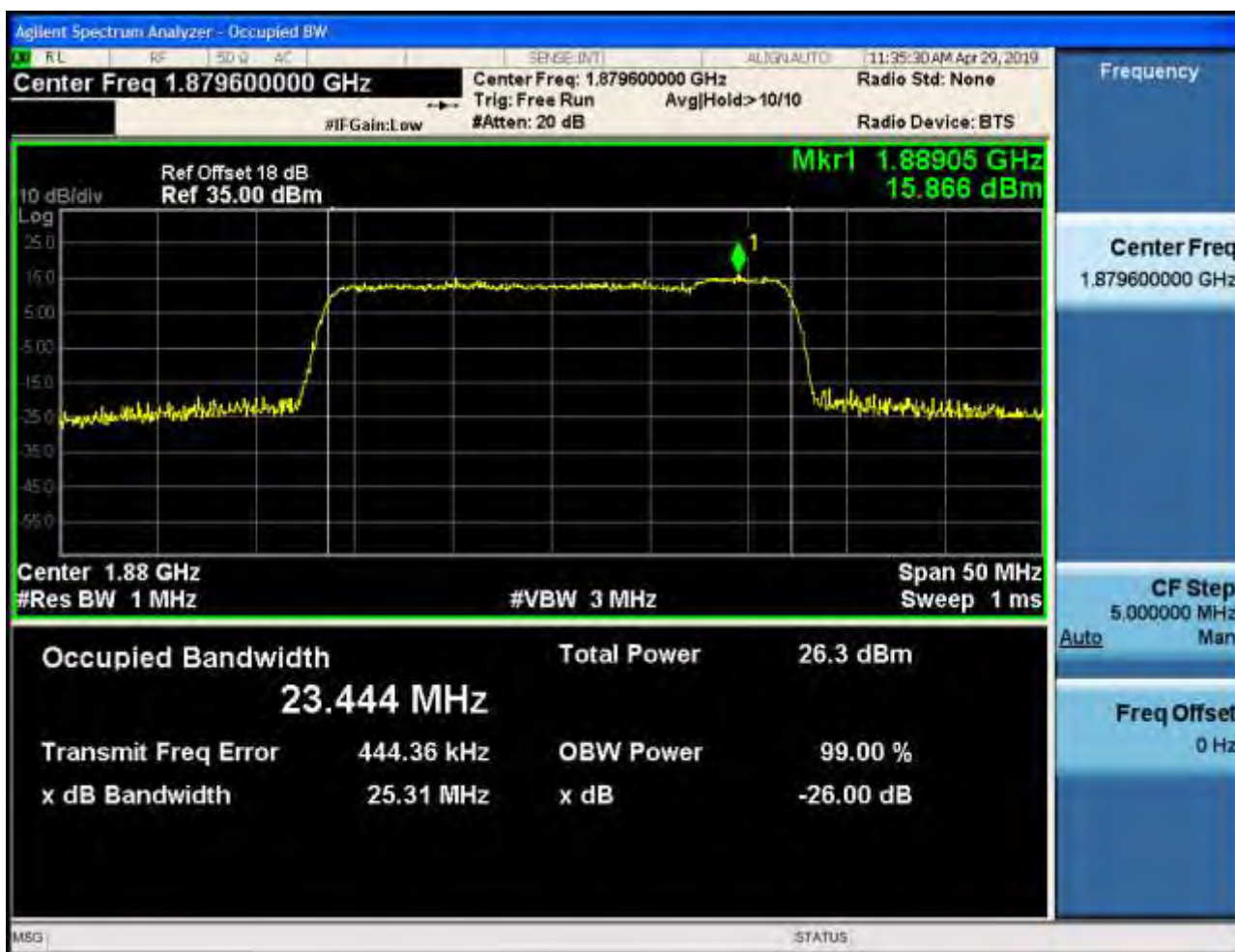
4.1.1.1.1.1 Test Channel = LCH

4.1.1.1.1.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.1.2 Test Channel = MCH

4.1.1.1.1.2.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.2 Test Bandwidth = 20+20

4.1.1.1.2.1 Test Channel = LCH

4.1.1.1.2.1.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.2.2 Test Channel = MCH

4.1.1.1.2.2.1 PCC Test RB = full RBs & SCC Test RB = full RBs



4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 PCC Test RB = full RBs & SCC Test RB = full RBs



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

5.1.1 Test Band = CA_2C

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 20+5

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0



5.1.1.1.1.2 PCC Test RB = partial RBs # 0 & SCC Test RB = 0



5.1.1.1.1.3 PCC Test RB = full RBs & SCC Test RB = 0

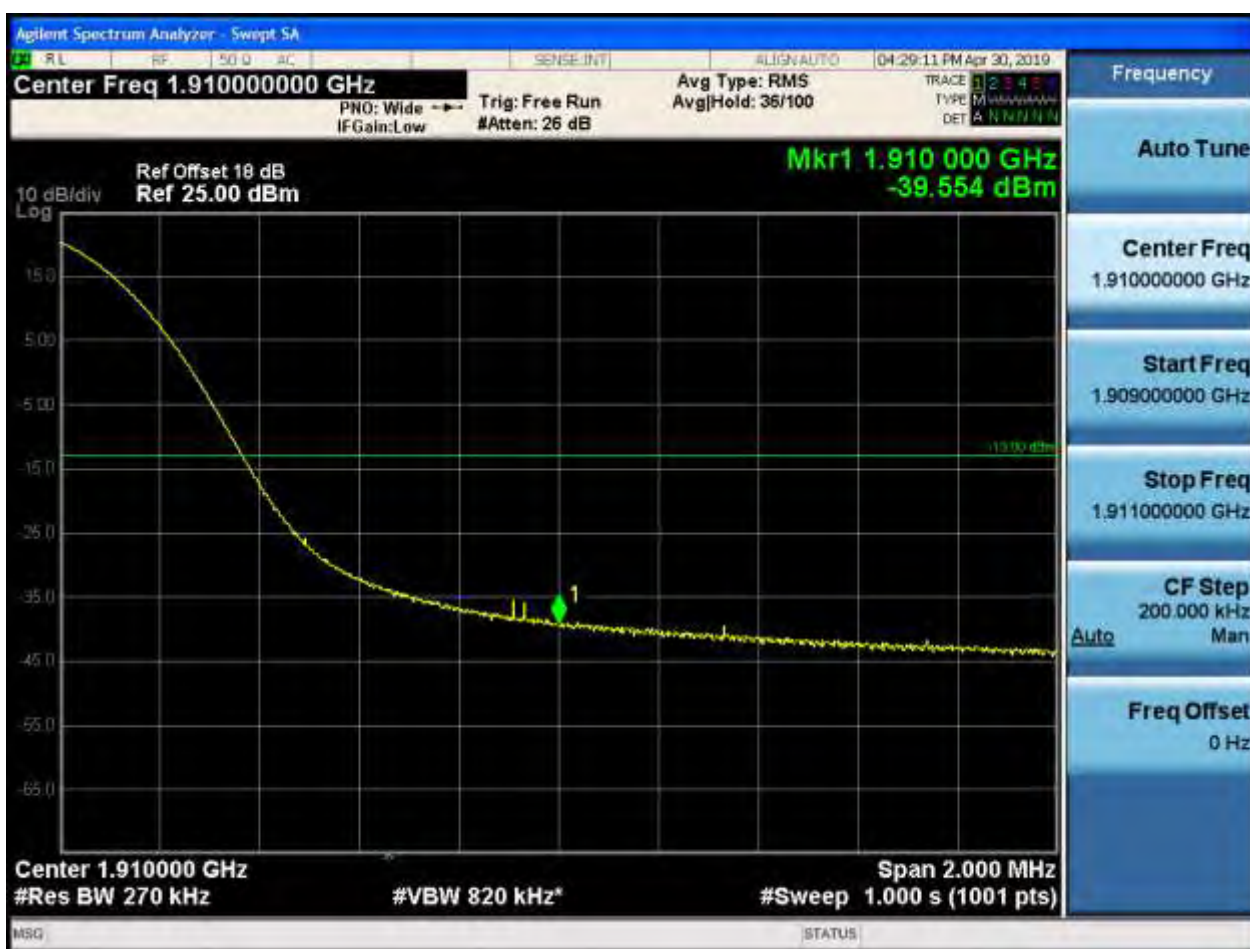


5.1.1.1.1.4 PCC Test RB = full RBs & SCC Test RB = full RBs



5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 PCC Test RB = 0 & SCC Test RB = 1 # max



5.1.1.1.1.2.2 PCC Test RB = 0 & SCC Test RB = partial RBs # max



5.1.1.1.1.2.3 PCC Test RB = 0 & SCC Test RB = full RBs



5.1.1.1.2.4 PCC Test RB = full RBs & SCC Test RB = full RBs



5.1.1.1.2 Test Bandwidth = 20+20

5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0



5.1.1.1.2.1.2 PCC Test RB = partial RBs # 0 & SCC Test RB = 0



5.1.1.1.2.1.3 PCC Test RB = full RBs & SCC Test RB = 0



5.1.1.1.2.1.4 PCC Test RB = full RBs & SCC Test RB = full RBs



5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 PCC Test RB = 0 & SCC Test RB = 1 # max



5.1.1.1.2.2.2 PCC Test RB = 0 & SCC Test RB = partial RBs # max



5.1.1.1.2.2.3 PCC Test RB = 0 & SCC Test RB = full RBs



5.1.1.1.2.2.4 PCC Test RB = full RBs & SCC Test RB = full RBs



5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 20+5

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0



5.1.1.2.1.1.2 PCC Test RB = partial RBs # 0 & SCC Test RB = 0



5.1.1.2.1.1.3 PCC Test RB = full RBs & SCC Test RB = 0

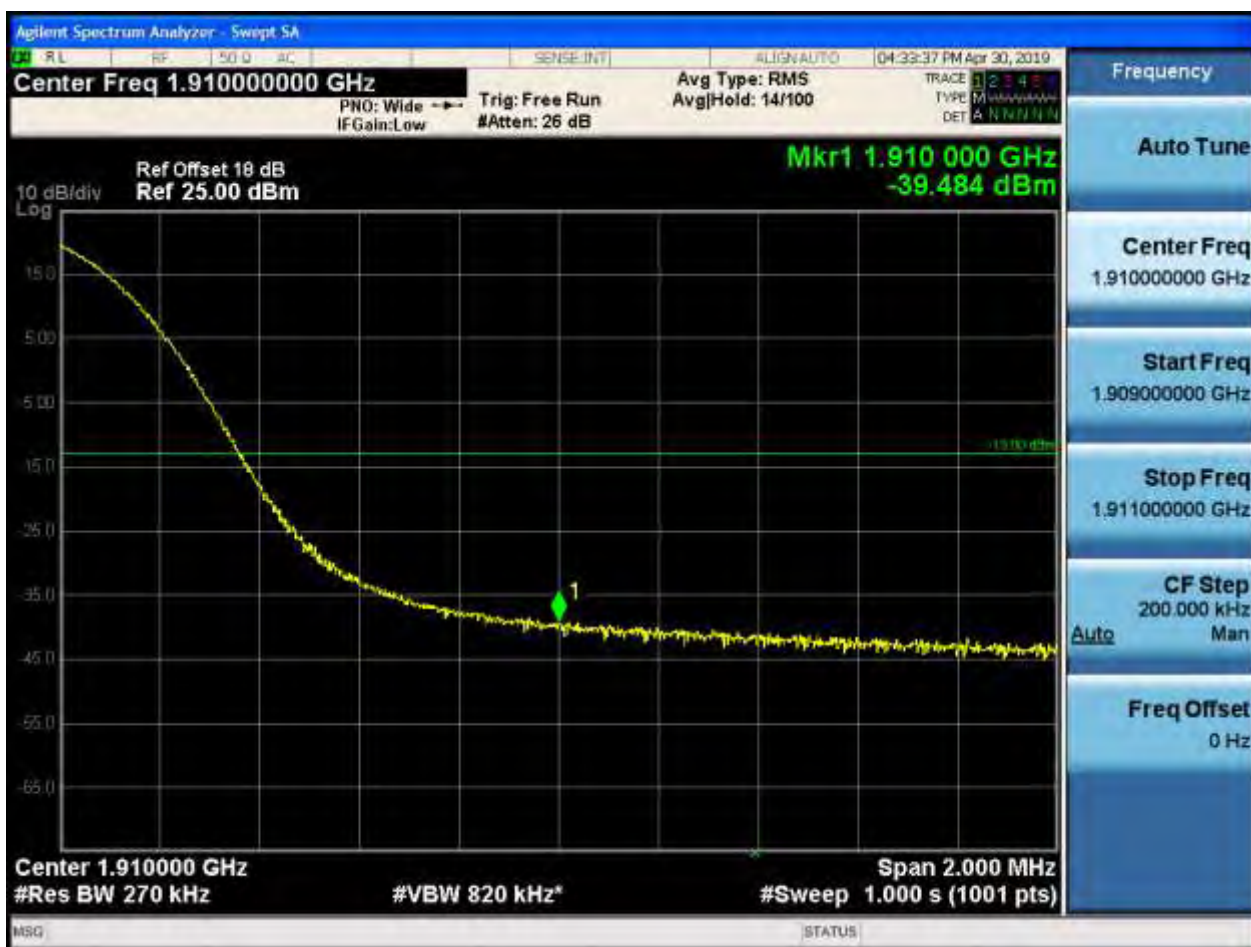


5.1.1.2.1.1.4 PCC Test RB = full RBs & SCC Test RB = full RBs



5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 PCC Test RB = 0 & SCC Test RB = 1 # max



5.1.1.2.1.2.2 PCC Test RB = 0 & SCC Test RB = partial RBs # max



5.1.1.2.1.2.3 PCC Test RB = 0 & SCC Test RB = full RBs



5.1.1.2.1.2.4 PCC Test RB = full RBs & SCC Test RB = full RBs



5.1.1.2.2 Test Bandwidth = 20+20

5.1.1.2.2.1 Test Channel = LCH

5.1.1.2.2.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0



5.1.1.2.2.1.2 PCC Test RB = partial RBs # 0 & SCC Test RB = 0



5.1.1.2.2.1.3 PCC Test RB = full RBs & SCC Test RB = 0

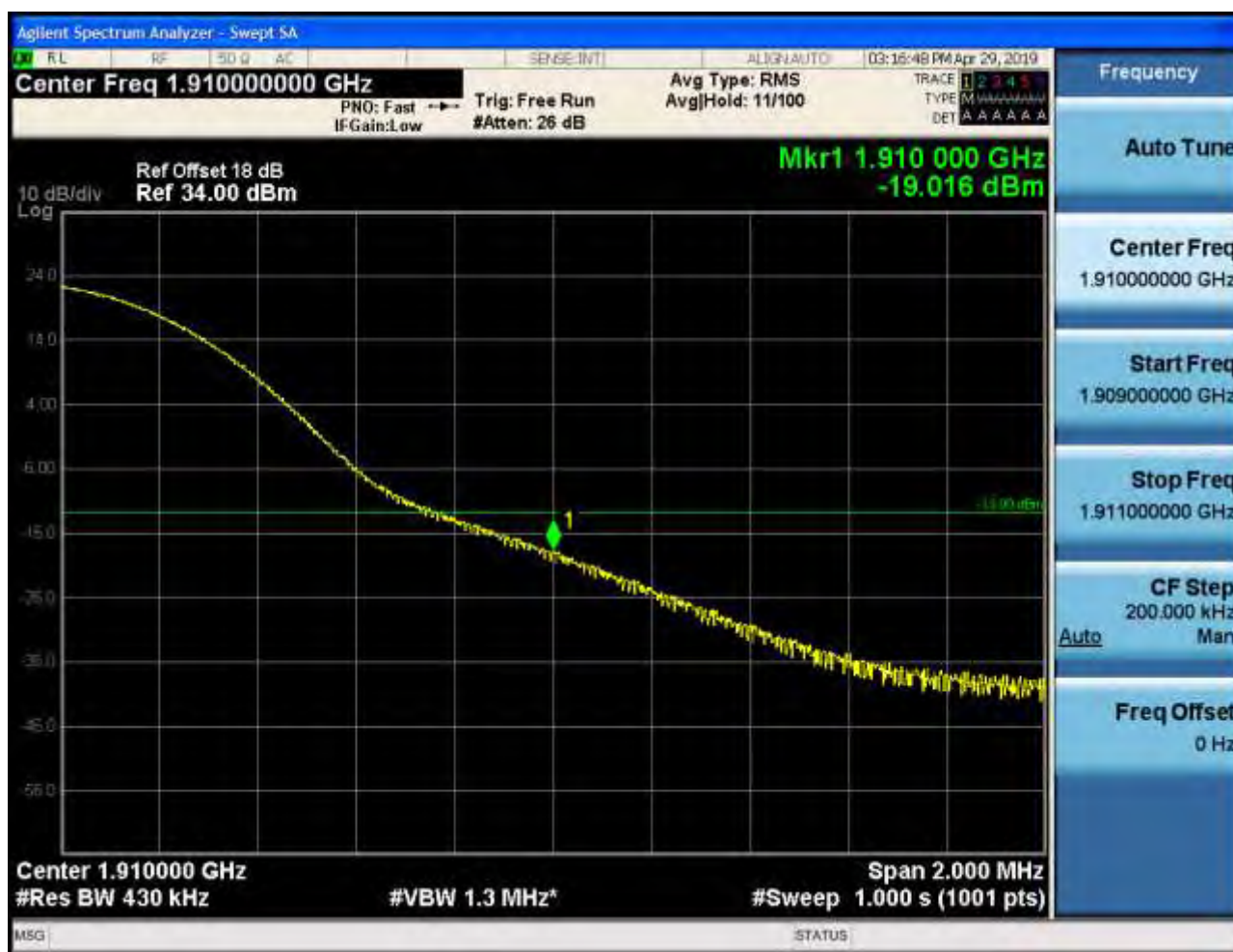


5.1.1.2.2.1.4 PCC Test RB = full RBs & SCC Test RB = full RBs



5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 PCC Test RB = 0 & SCC Test RB = 1 # max



5.1.1.2.2.2 PCC Test RB = 0 & SCC Test RB = partial RBs # max



5.1.1.2.2.3 PCC Test RB = 0 & SCC Test RB = full RBs



5.1.1.2.2.4 PCC Test RB = full RBs & SCC Test RB = full RBs



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 = CA_2C

6.1.1.1 Test Mode = LTE/TM1

6.1.1.1.1 Test Bandwidth = 20+5

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0







6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 PCC Test RB = 1 # 0 & SCC Test RB = 0







6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 PCC Test RB = 1 # 0 & SCC Test RB = 0





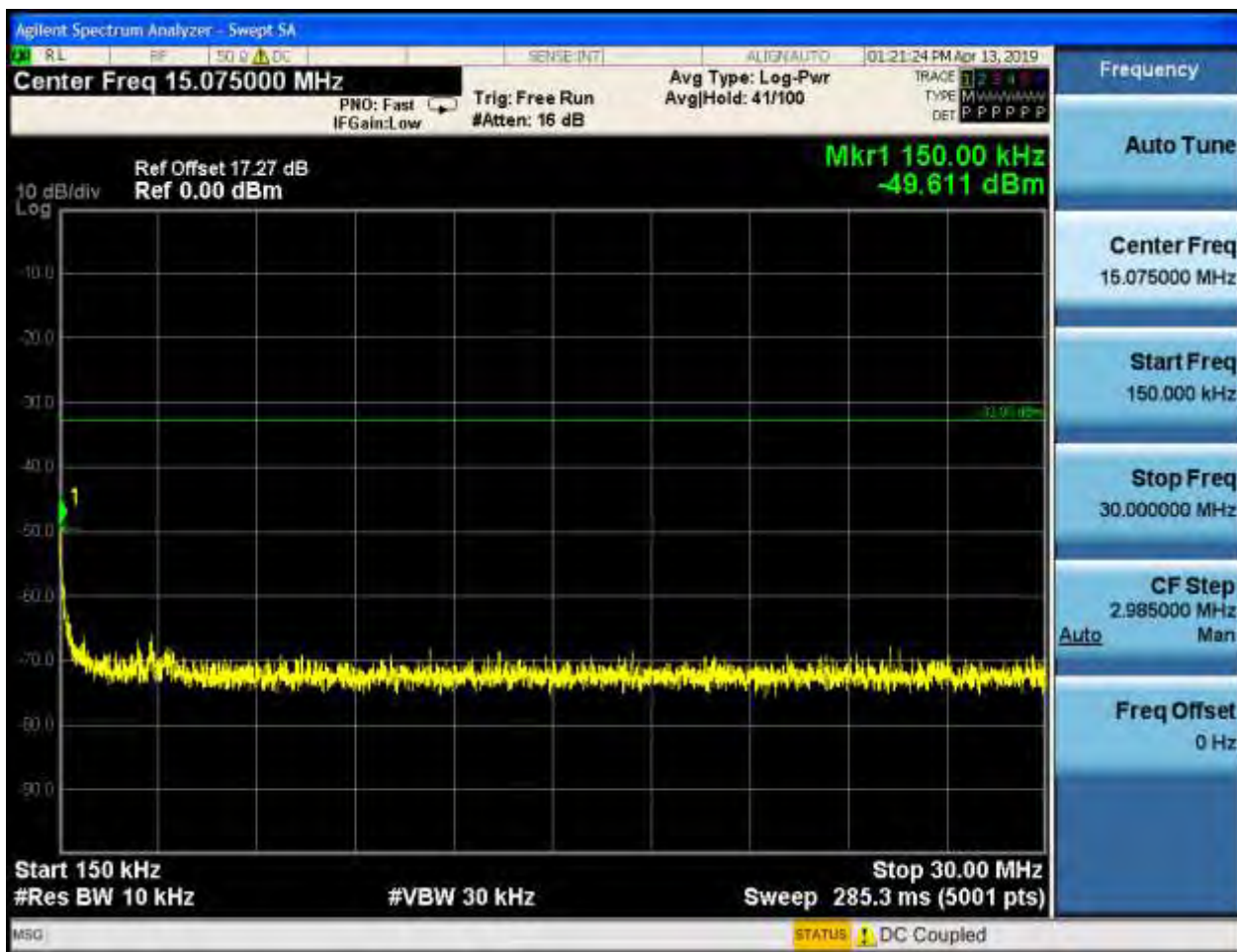


6.2.1.1.2 Test Bandwidth = 20+20

6.2.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0

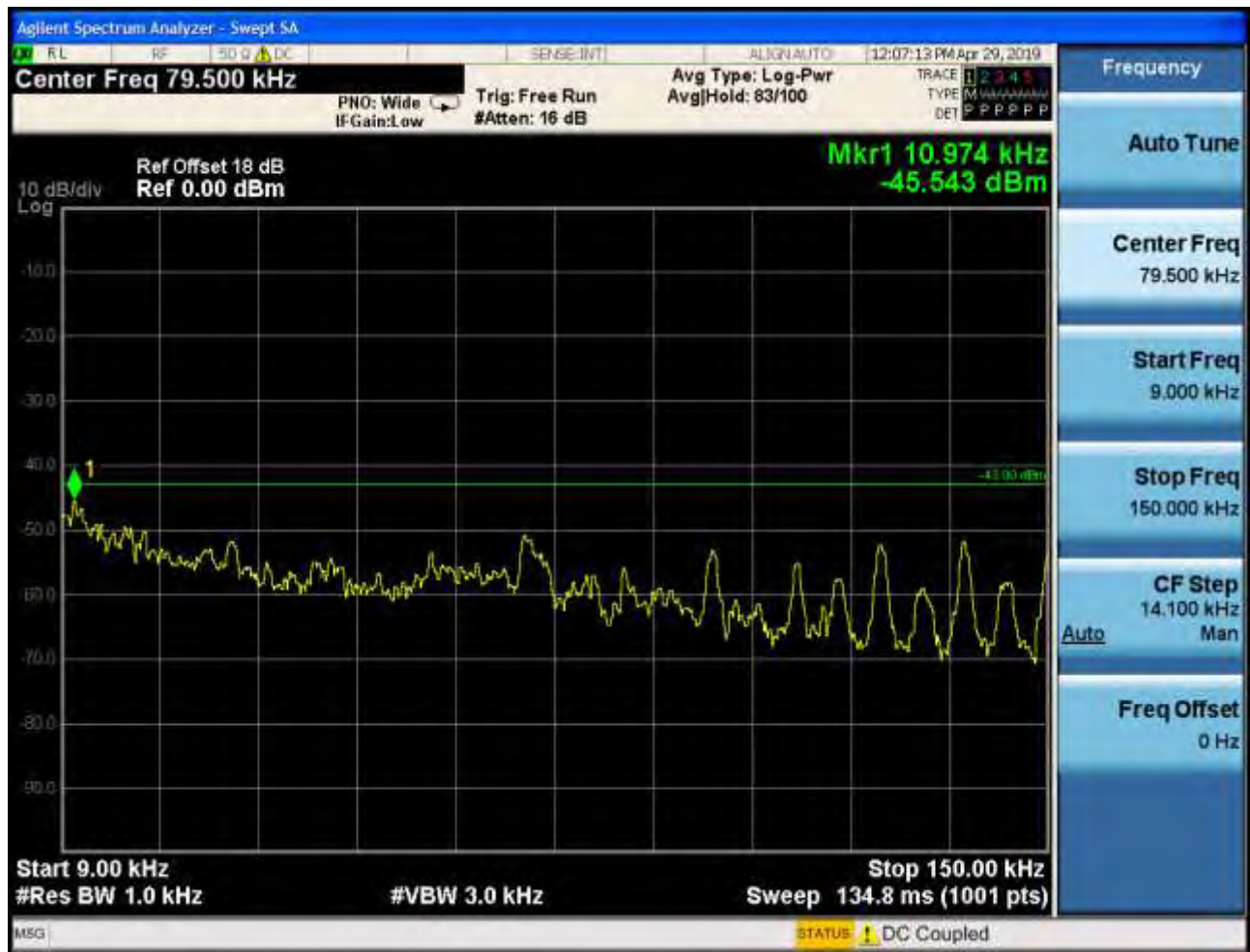






6.2.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 PCC Test RB = 1 # 0 & SCC Test RB = 0







6.2.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 PCC Test RB = 1 # 0 & SCC Test RB = 0







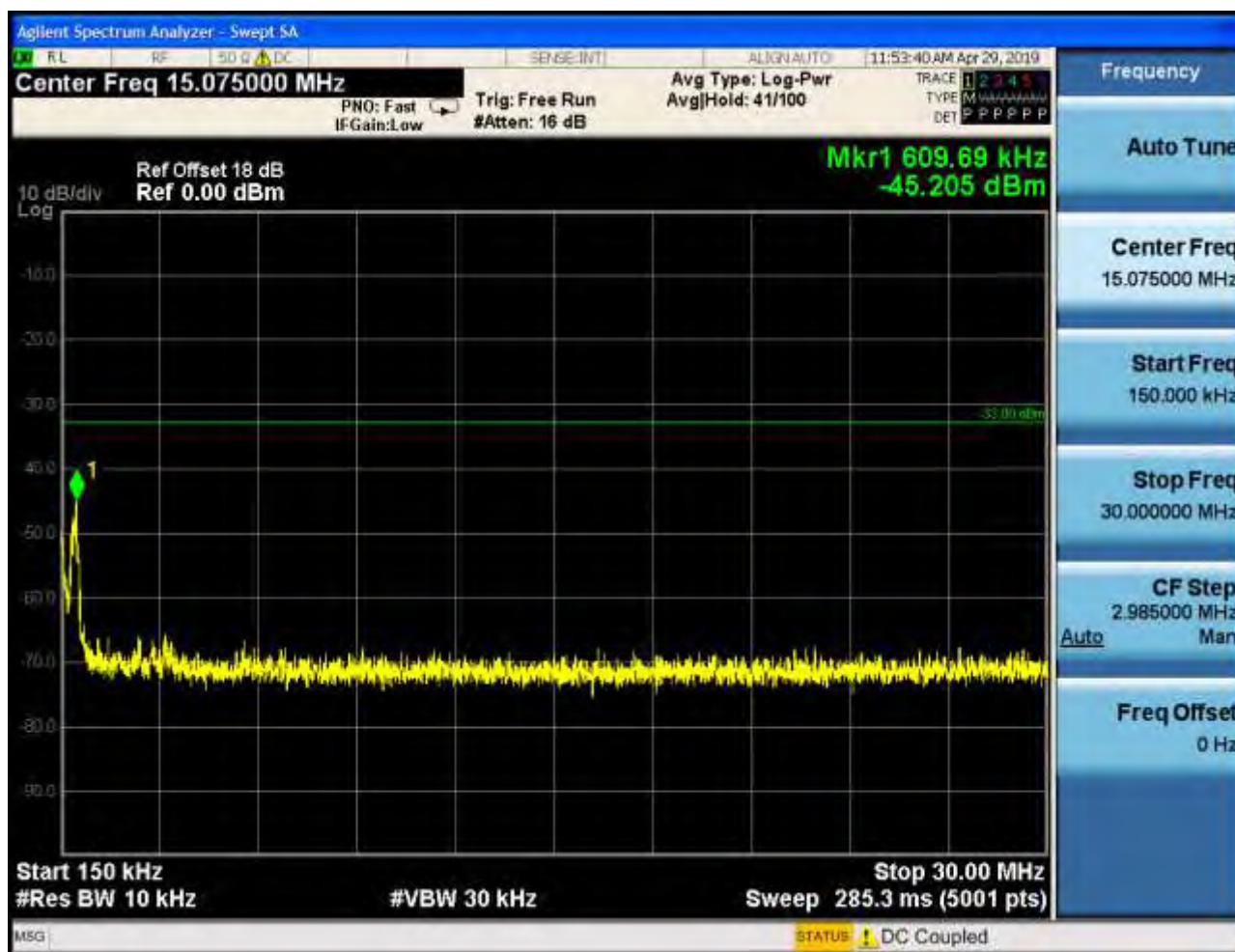
6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 20+5

6.2.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0







6.2.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 PCC Test RB = 1 # 0 & SCC Test RB = 0







6.2.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 PCC Test RB = 1 # 0 & SCC Test RB = 0





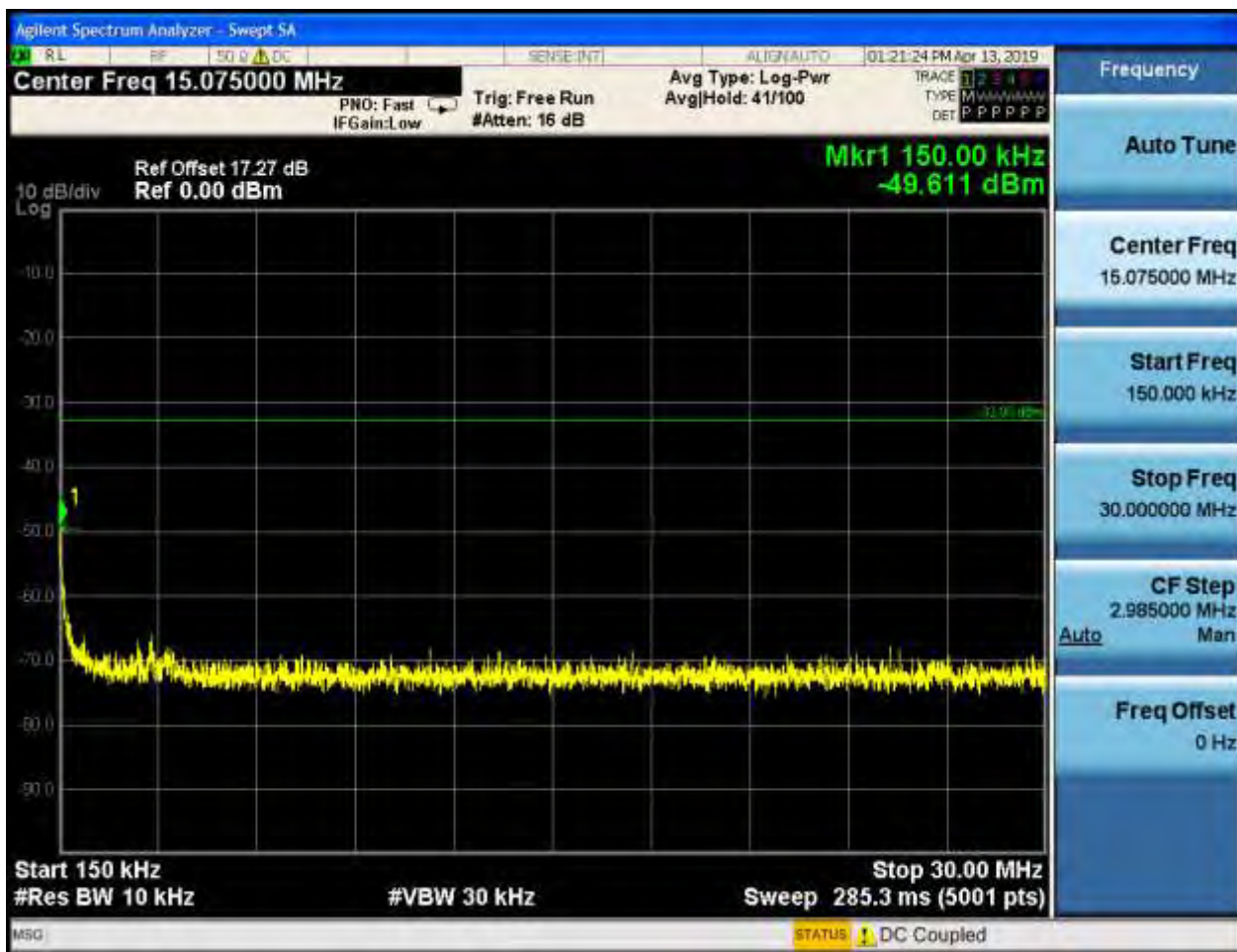


6.2.1.2.2 Test Bandwidth = 20+20

6.2.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 PCC Test RB = 1 # 0 & SCC Test RB = 0







6.2.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 PCC Test RB = 1 # 0 & SCC Test RB = 0







6.2.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 PCC Test RB = 1 # 0 & SCC Test RB = 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

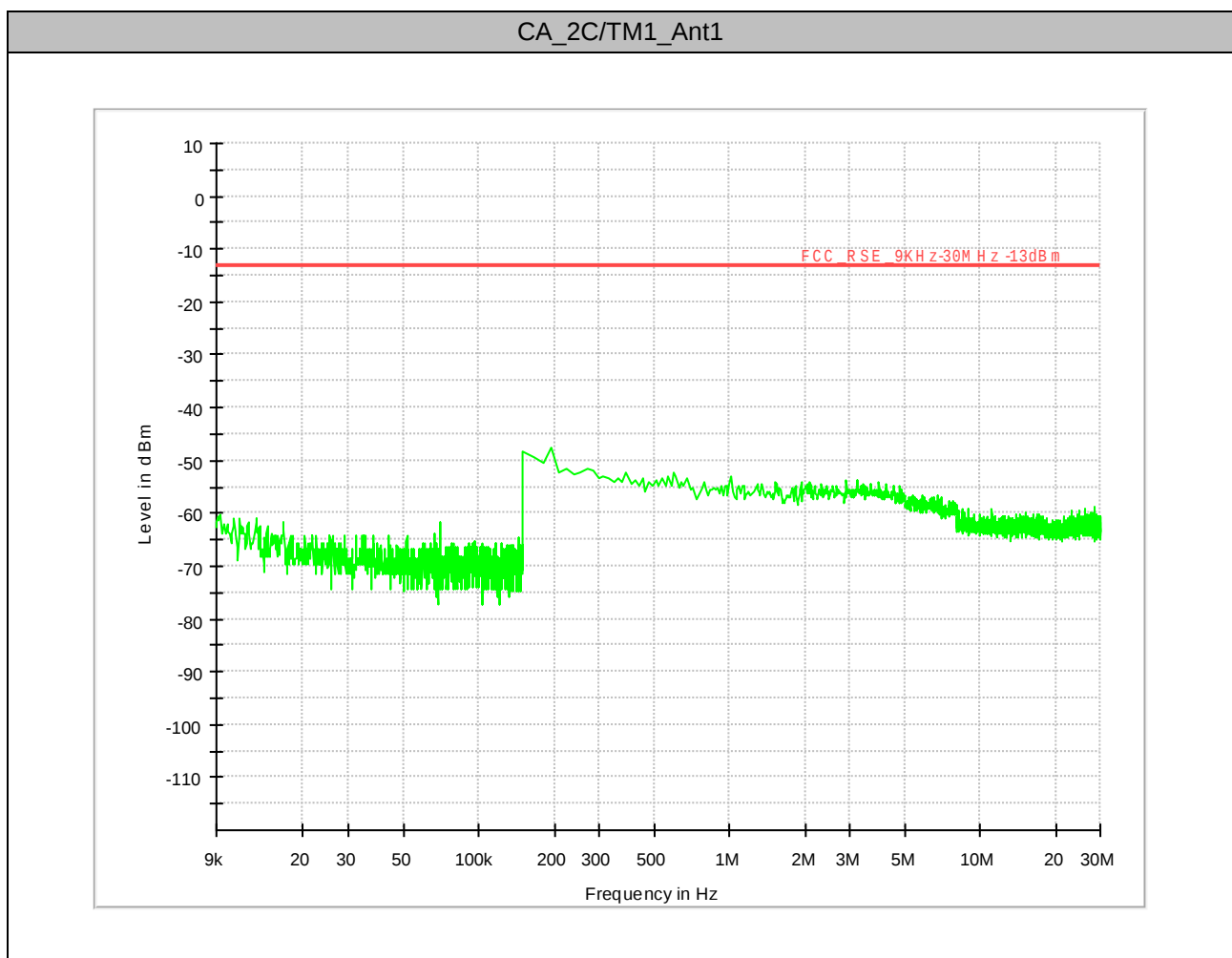
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

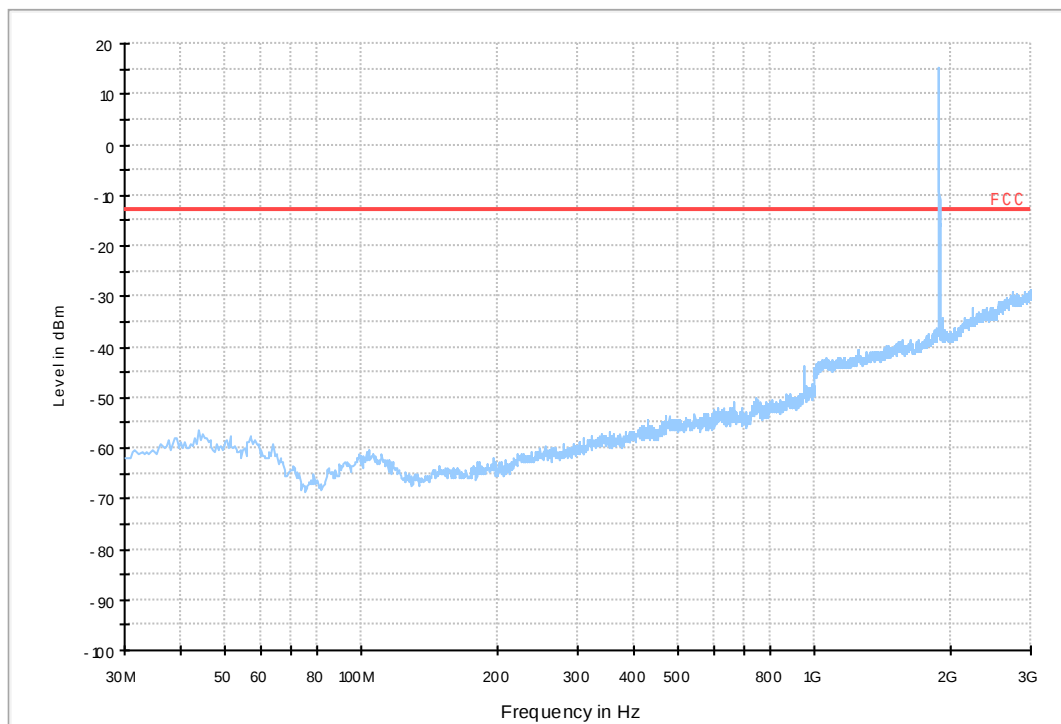
7.1 For LTE

7.1.1 Test Band = CA_2C

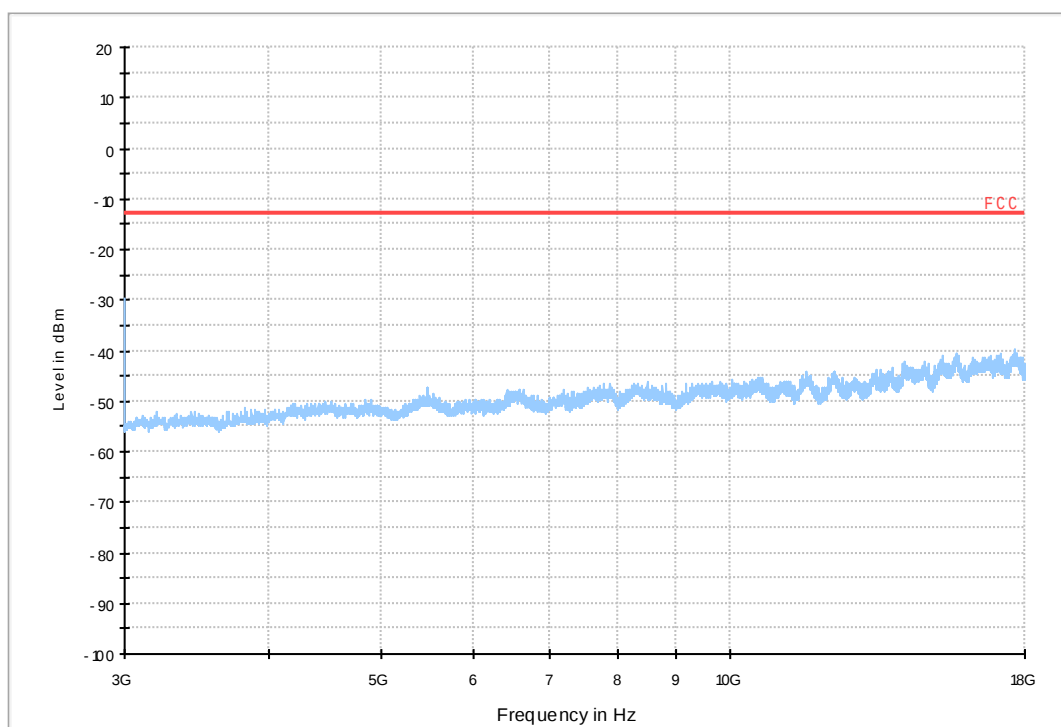
7.1.1.1 Test Bandwidth = 20+5



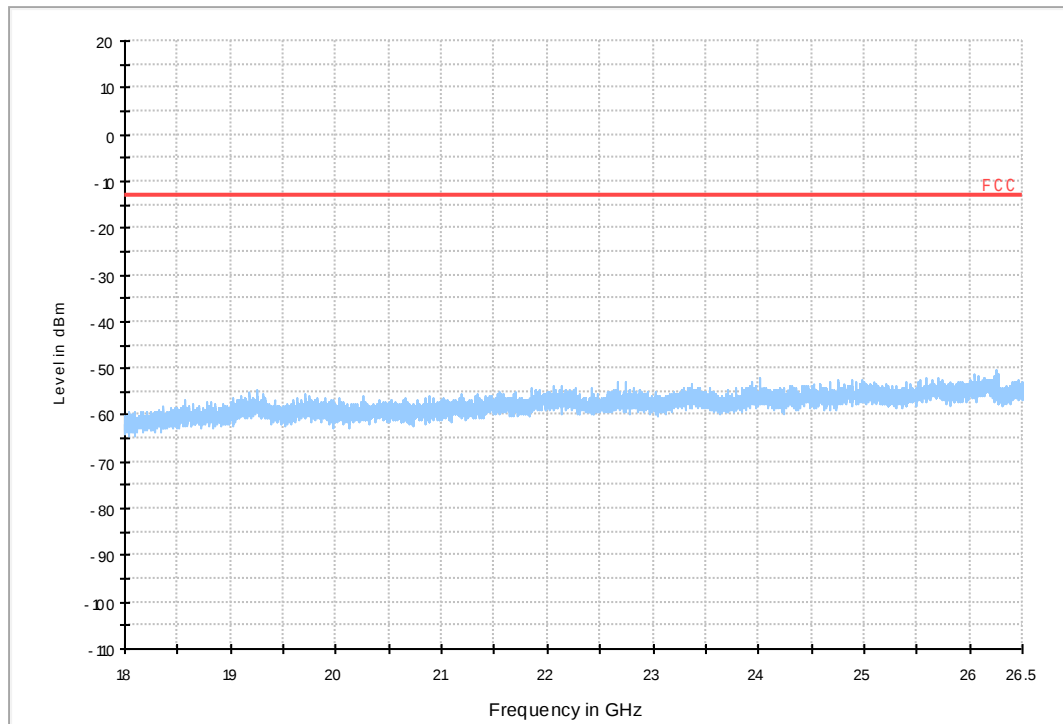
LTE FDD R SE-TX-DIRECTOR ABOVE 1.5G_L



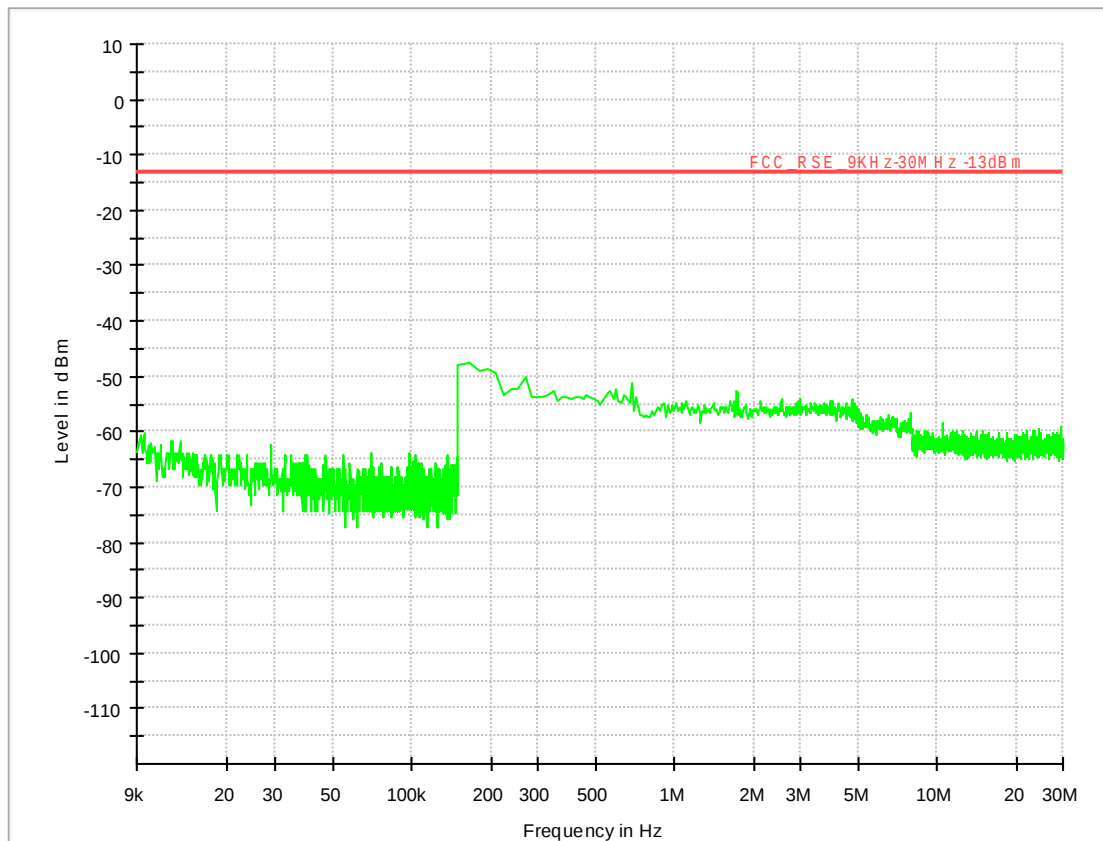
LTE FDD R SE-TX-DIRECTOR ABOVE 1.5G_H



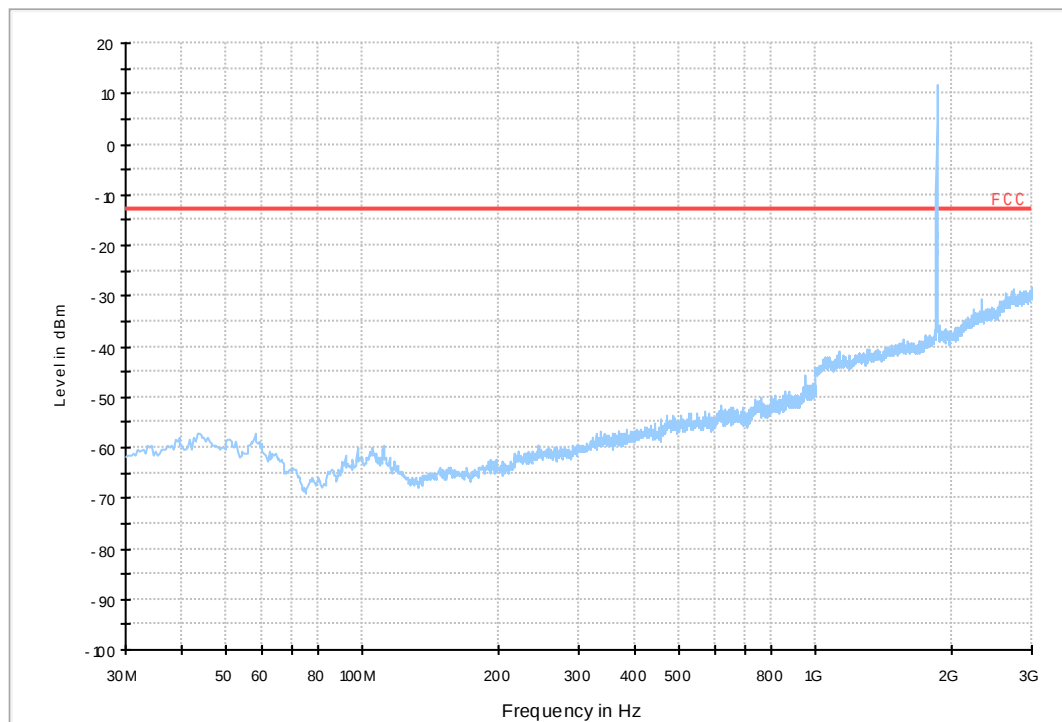
FCC 18-26.5G



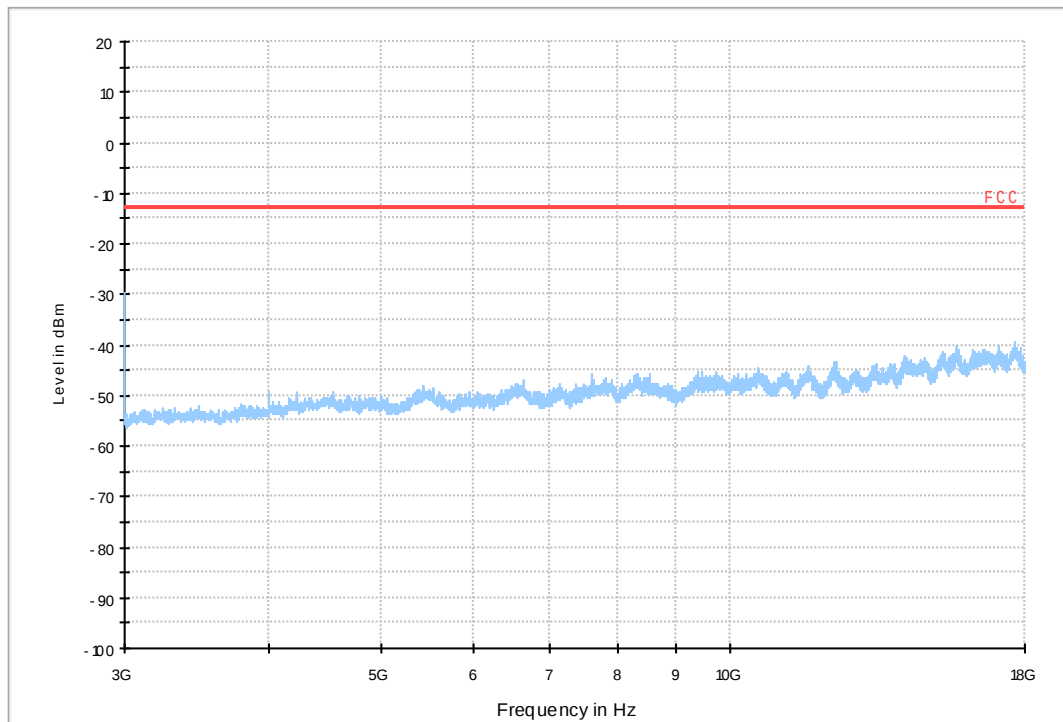
CA_2C/TM1_Ant2



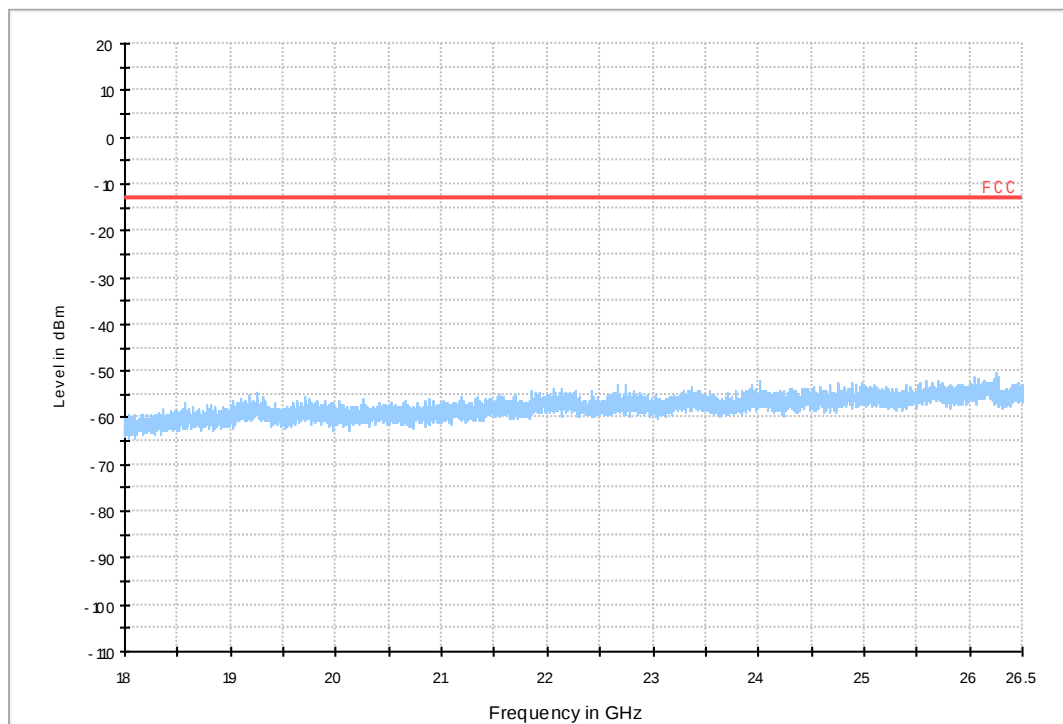
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



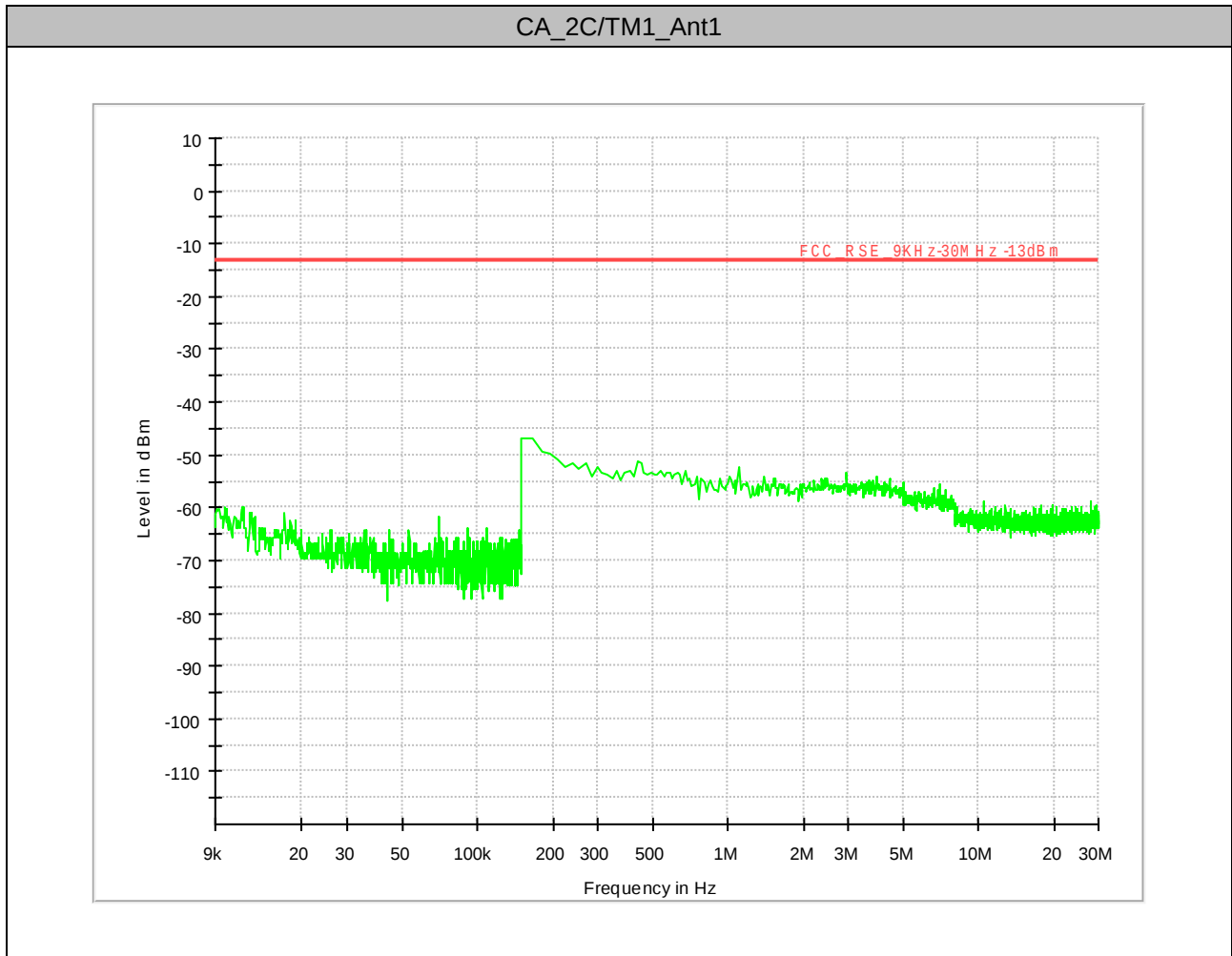
LTE FDD R SE-TX-DIRECT OR ABOVE 1.5G_H



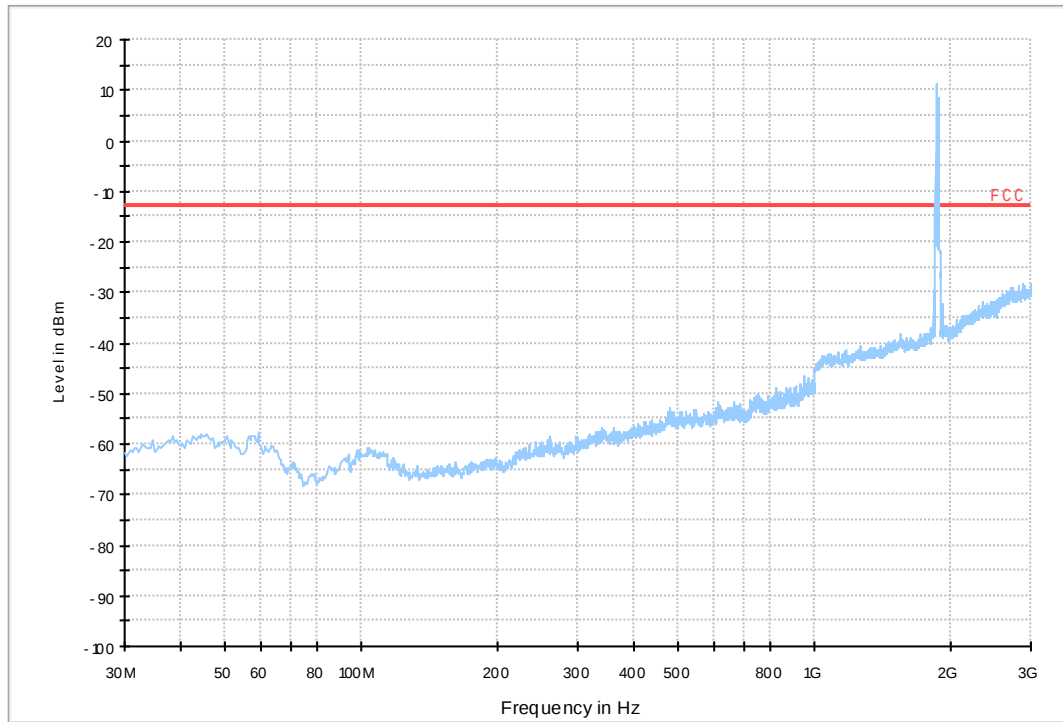
FCC 18-26.5G



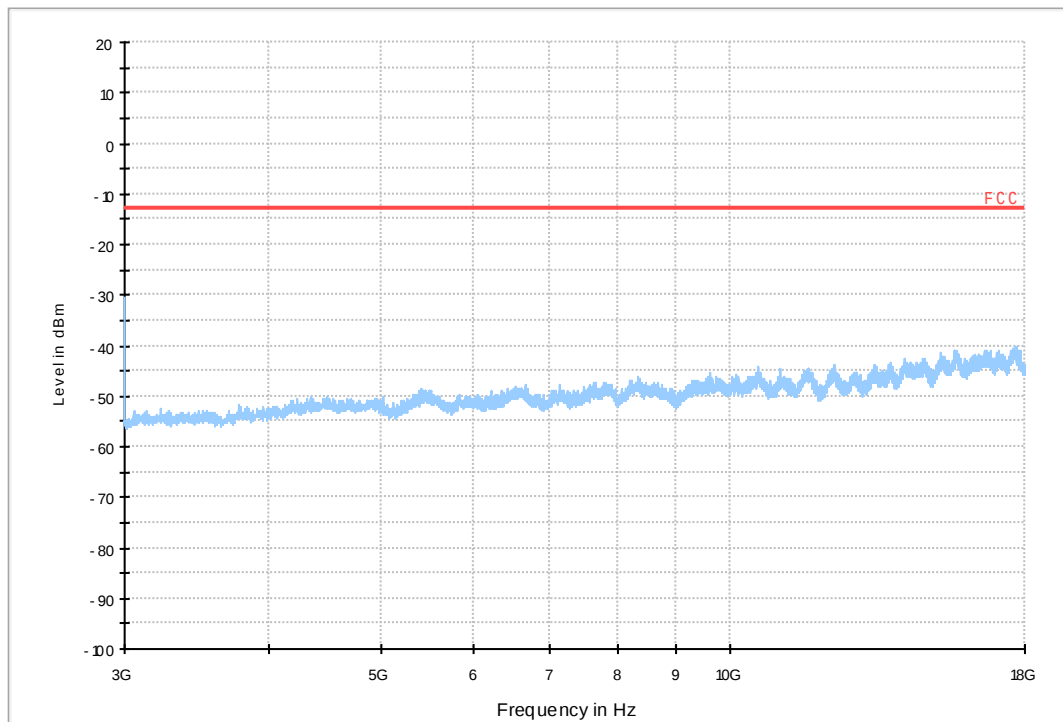
7.1.1.2 Test Bandwidth = 20+20



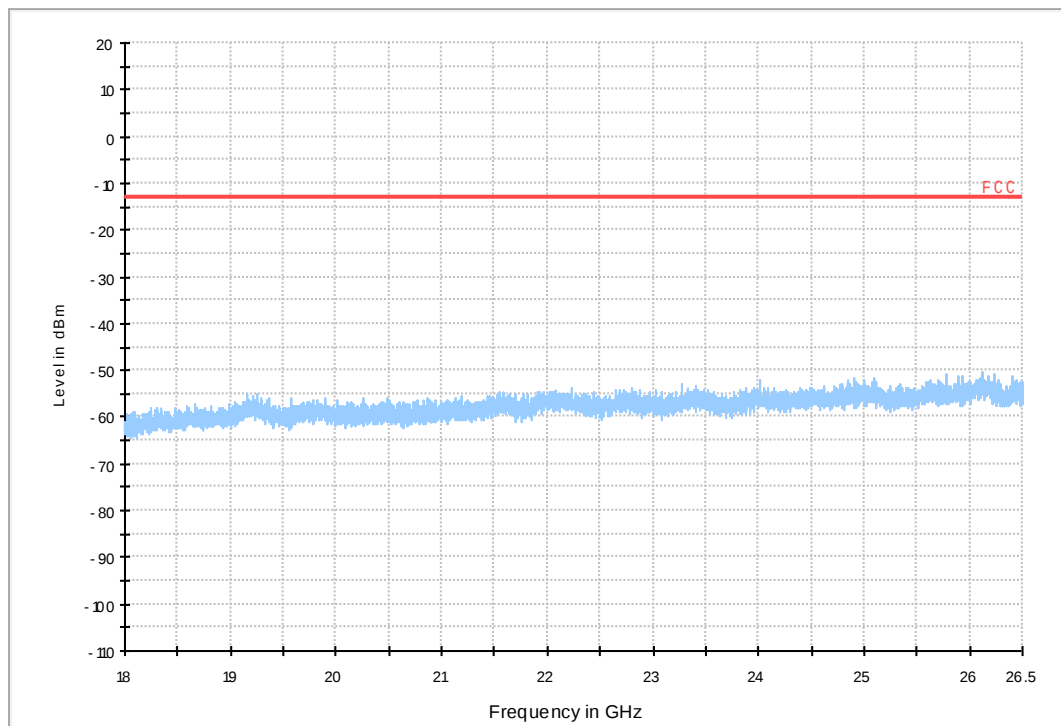
LTE FDD R SE-TX-DIRECTOR ABOVE 1.5G_L



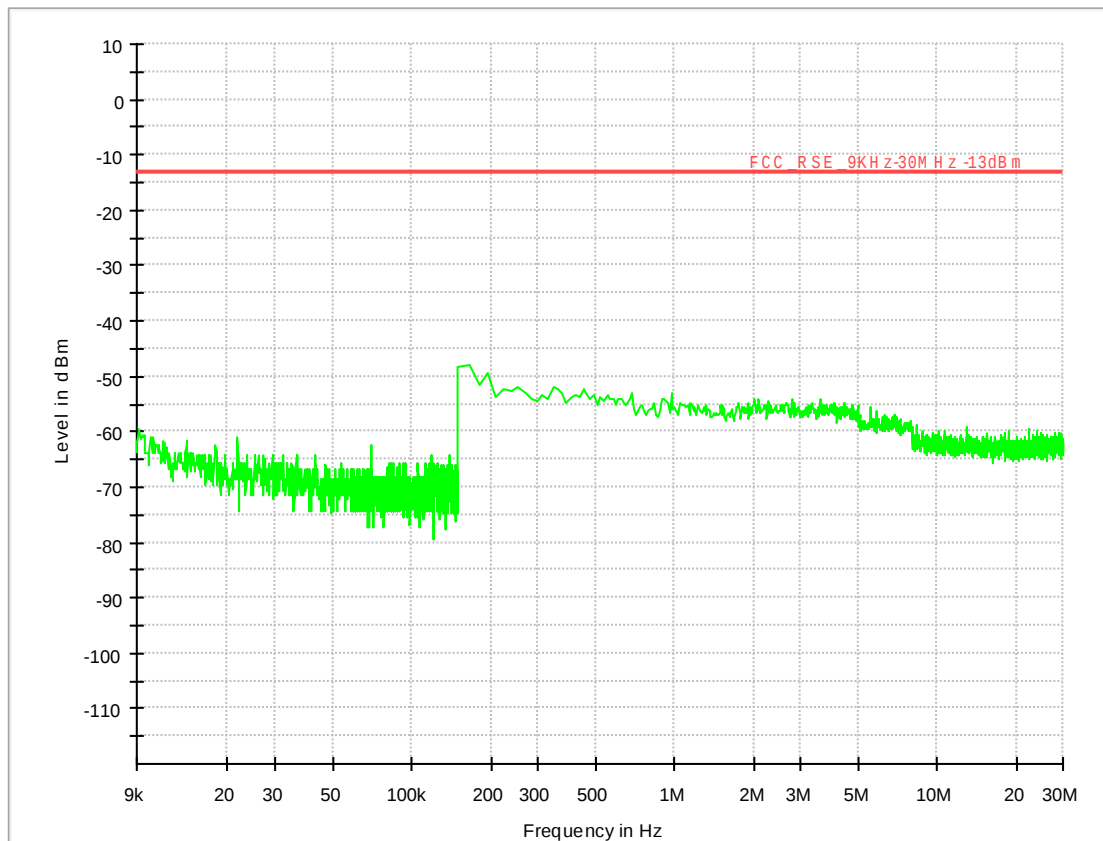
LTE FDD R SE-TX-DIRECTOR ABOVE 1.5G_H



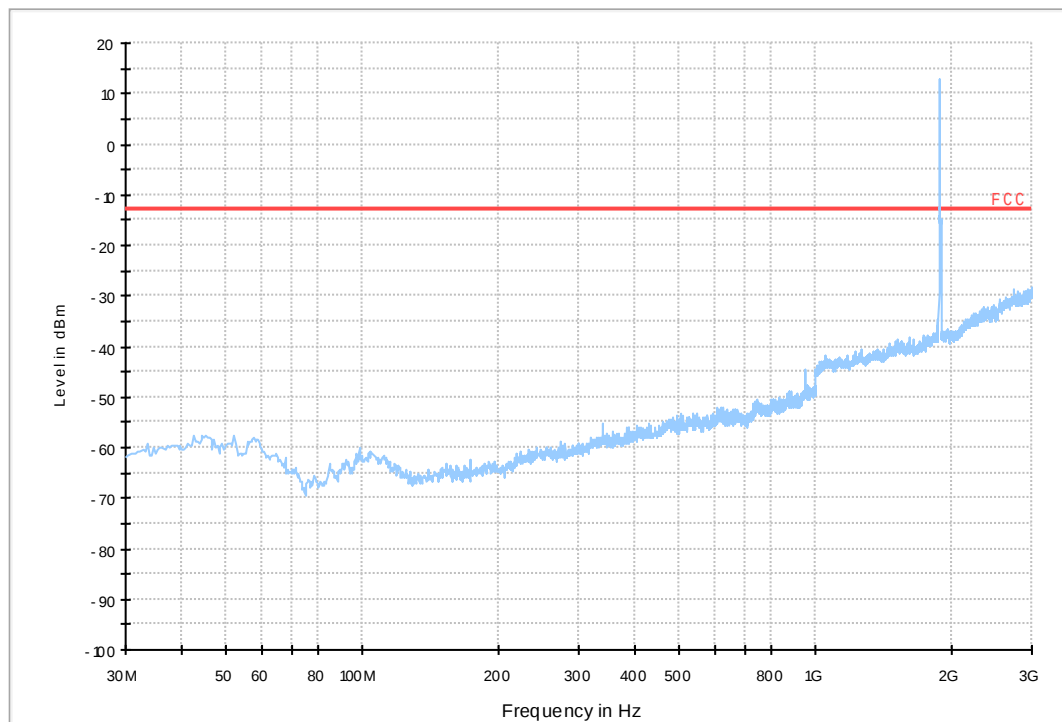
FCC 18-26.5G



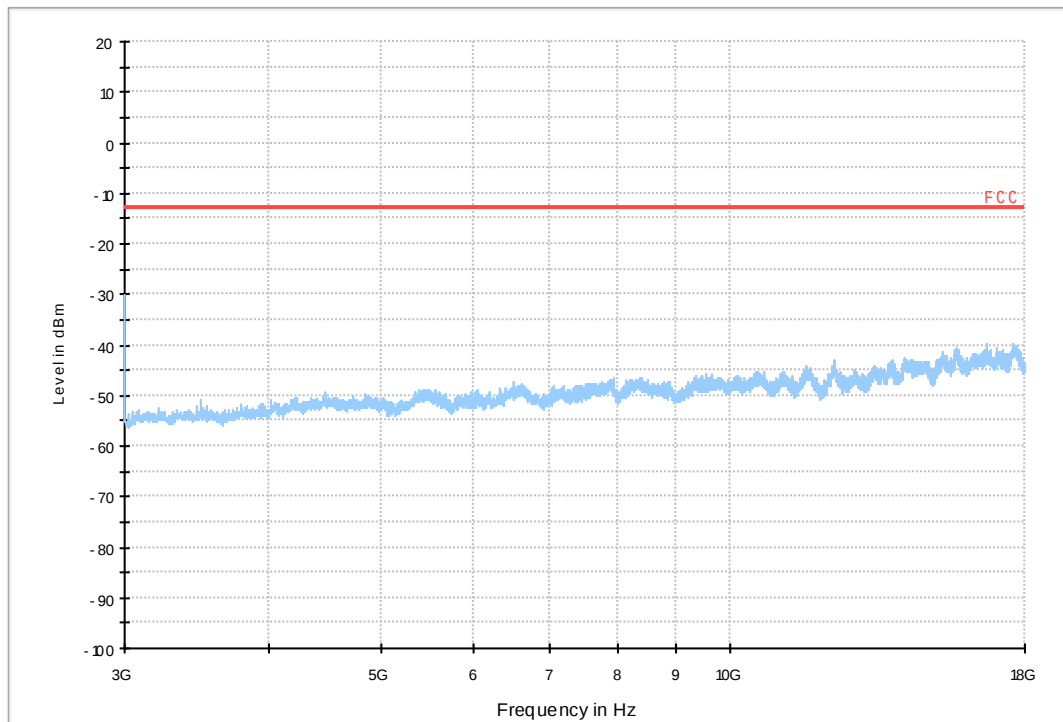
CA_2C/TM1_Ant2



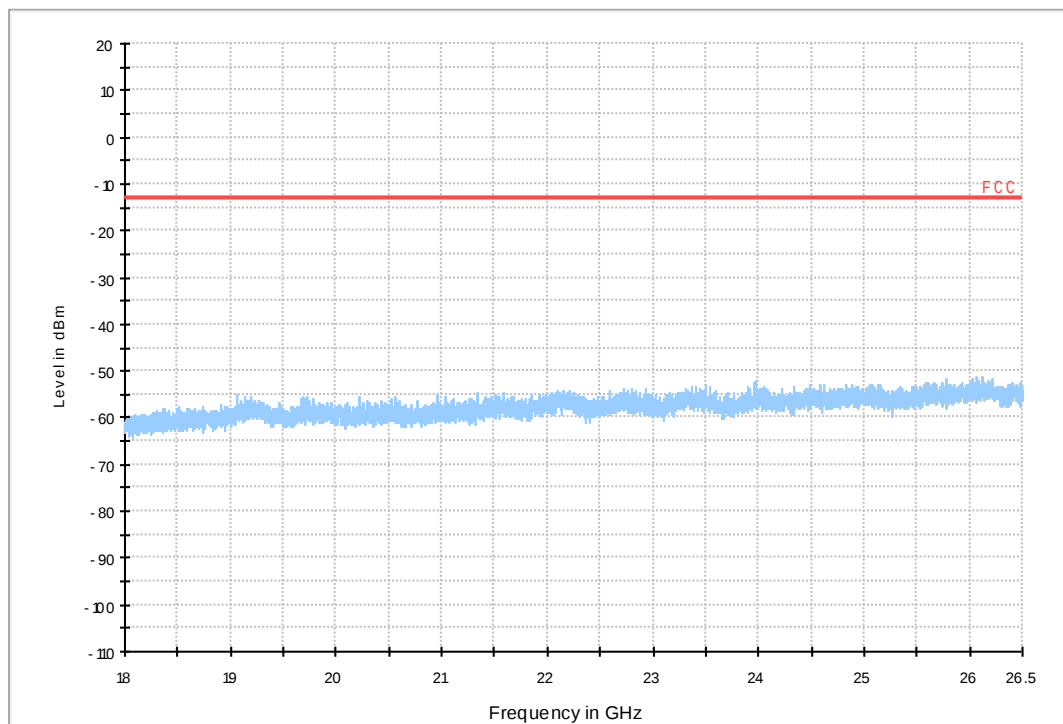
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



LTE FDD R SE-TX-DIRECTOR ABOVE 1.5G_H



FCC 18-26.5G



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
CA_2C	LTE/TM1	20+5	LCH	TN	VL	-13.15000	-0.00707	PASS
					VN	-18.78000	-0.01010	PASS
					VH	-15.25000	-0.00820	PASS
			MCH	TN	VL	-2.53000	-0.00135	PASS
					VN	-16.79000	-0.00894	PASS
					VH	-4.85000	-0.00258	PASS
			HCH	TN	VL	-8.45000	-0.00446	PASS
					VN	-8.68000	-0.00458	PASS
					VH	10.34000	0.00546	PASS
		20+20	LCH	TN	VL	-9.16000	-0.00492	PASS
					VN	24.29000	0.01306	PASS
					VH	-11.03000	-0.00593	PASS
			MCH	TN	VL	4.13000	0.00221	PASS
					VN	-26.64000	-0.01425	PASS
					VH	-4.06000	-0.00217	PASS
			HCH	TN	VL	81.20000	0.04319	PASS
					VN	4.66000	0.00248	PASS
					VH	35.05000	0.01864	PASS
	LTE/TM2	20+5	LCH	TN	VL	-0.90000	-0.00048	PASS
					VN	-17.12000	-0.00920	PASS
					VH	-10.37000	-0.00558	PASS
			MCH	TN	VL	-1.89000	-0.00101	PASS
					VN	-8.85000	-0.00471	PASS
					VH	-4.28000	-0.00228	PASS
			HCH	TN	VL	-1.70000	-0.00090	PASS
					VN	-5.51000	-0.00291	PASS
					VH	-2.46000	-0.00130	PASS
		20+20	LCH	TN	VL	-5.25000	-0.00282	PASS
					VN	20.70000	0.01113	PASS
					VH	-11.77000	-0.00633	PASS
			MCH	TN	VL	-18.94000	-0.01013	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-10.33000	-0.00552	PASS
					VH	-12.82000	-0.00686	PASS
			HCH	TN	VL	0.26000	0.00014	PASS
					VN	5.51000	0.00293	PASS
					VH	66.99000	0.03563	PASS

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CA_2C	LTE/TM1	20+5	LCH	VN	-30	-16.82000	-0.00904	PASS
					-20	-19.45000	-0.01046	PASS
					-10	-20.47000	-0.01101	PASS
					0	-21.54000	-0.01158	PASS
					10	-20.50000	-0.01102	PASS
					20	-18.78000	-0.01010	PASS
					30	-13.07000	-0.00703	PASS
					40	-22.33000	-0.01201	PASS
					50	-22.20000	-0.01194	PASS
			MCH	VN	-30	-17.51000	-0.00933	PASS
					-20	-13.03000	-0.00694	PASS
					-10	-10.64000	-0.00567	PASS
					0	-237.25000	-0.12636	PASS
					10	-18.74000	-0.00998	PASS
					20	-16.79000	-0.00894	PASS
					30	-14.72000	-0.00784	PASS
					40	-12.40000	-0.00660	PASS
					50	-12.82000	-0.00683	PASS
			HCH	VN	-30	-11.01000	-0.00581	PASS
					-20	-6.54000	-0.00345	PASS
					-10	-7.20000	-0.00380	PASS
					0	-7.64000	-0.00403	PASS
					10	-11.97000	-0.00632	PASS
					20	-8.68000	-0.00458	PASS
					30	-9.34000	-0.00493	PASS
					40	-17.48000	-0.00922	PASS
					50	-9.90000	-0.00522	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		20+20	LCH	VN	-30	-21.77000	-0.01170	PASS
					-20	-32.57000	-0.01751	PASS
					-10	-21.17000	-0.01138	PASS
					0	-37.01000	-0.01990	PASS
					10	23.53000	0.01265	PASS
					20	24.29000	0.01306	PASS
					30	-16.78000	-0.00902	PASS
					40	-35.13000	-0.01889	PASS
					50	-14.55000	-0.00782	PASS
			MCH	VN	-30	86.70000	0.04636	PASS
					-20	-37.92000	-0.02028	PASS
					-10	-5.28000	-0.00282	PASS
					0	-27.67000	-0.01480	PASS
					10	-34.10000	-0.01823	PASS
					20	-26.64000	-0.01425	PASS
					30	-10.76000	-0.00575	PASS
					40	-5.66000	-0.00303	PASS
					50	-13.25000	-0.00709	PASS
			HCH	VN	-30	-1.60000	-0.00085	PASS
					-20	-15.52000	-0.00830	PASS
					-10	-1.70000	-0.00090	PASS
					0	-16.62000	-0.00884	PASS
					10	-14.63000	-0.00778	PASS
					20	4.66000	0.00248	PASS
					30	-0.16000	-0.00009	PASS
					40	-10.86000	-0.00578	PASS
					50	-13.65000	-0.00726	PASS
	LTE/TM2	20+5	LCH	VN	-30	-15.54000	-0.00835	PASS
					-20	-16.42000	-0.00883	PASS
					-10	-16.57000	-0.00891	PASS
					0	32.29000	0.01736	PASS
					10	-0.99000	-0.00053	PASS
					20	-17.12000	-0.00920	PASS
					30	-23.83000	-0.01281	PASS
					40	-19.60000	-0.01054	PASS
					50	-18.28000	-0.00983	PASS
			MCH	VN	-30	-9.31000	-0.00496	PASS
					-20	-9.31000	-0.00496	PASS
					-10	-8.51000	-0.00453	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-9.51000	-0.00507	PASS
					10	-15.74000	-0.00838	PASS
					20	-8.85000	-0.00471	PASS
					30	-10.16000	-0.00541	PASS
					40	-10.66000	-0.00568	PASS
					50	-7.58000	-0.00404	PASS
			HCH	VN	-30	-11.54000	-0.00609	PASS
					-20	-12.82000	-0.00677	PASS
					-10	-5.32000	-0.00281	PASS
					0	-6.38000	-0.00337	PASS
					10	-13.36000	-0.00705	PASS
					20	-5.51000	-0.00291	PASS
					30	-6.71000	-0.00354	PASS
					40	-14.03000	-0.00740	PASS
					50	-2.86000	-0.00151	PASS
		20+20	LCH	VN	-30	-15.85000	-0.00852	PASS
					-20	-10.93000	-0.00588	PASS
					-10	-24.55000	-0.01320	PASS
					0	-27.02000	-0.01453	PASS
					10	-2.22000	-0.00119	PASS
					20	20.70000	0.01113	PASS
					30	-21.14000	-0.01137	PASS
					40	-28.47000	-0.01531	PASS
					50	-24.88000	-0.01338	PASS
			MCH	VN	-30	-10.43000	-0.00558	PASS
					-20	-42.92000	-0.02295	PASS
					-10	3.79000	0.00203	PASS
					0	-27.19000	-0.01454	PASS
					10	12.55000	0.00671	PASS
					20	-10.33000	-0.00552	PASS
					30	-27.87000	-0.01490	PASS
					40	-13.56000	-0.00725	PASS
					50	-6.39000	-0.00342	PASS
			HCH	VN	-30	-17.57000	-0.00934	PASS
					-20	88.71000	0.04718	PASS
					-10	7.14000	0.00380	PASS
					0	-7.02000	-0.00373	PASS
					10	-10.80000	-0.00574	PASS
					20	5.51000	0.00293	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-14.33000	-0.00762	PASS
					40	-12.56000	-0.00668	PASS
					50	-9.44000	-0.00502	PASS

END