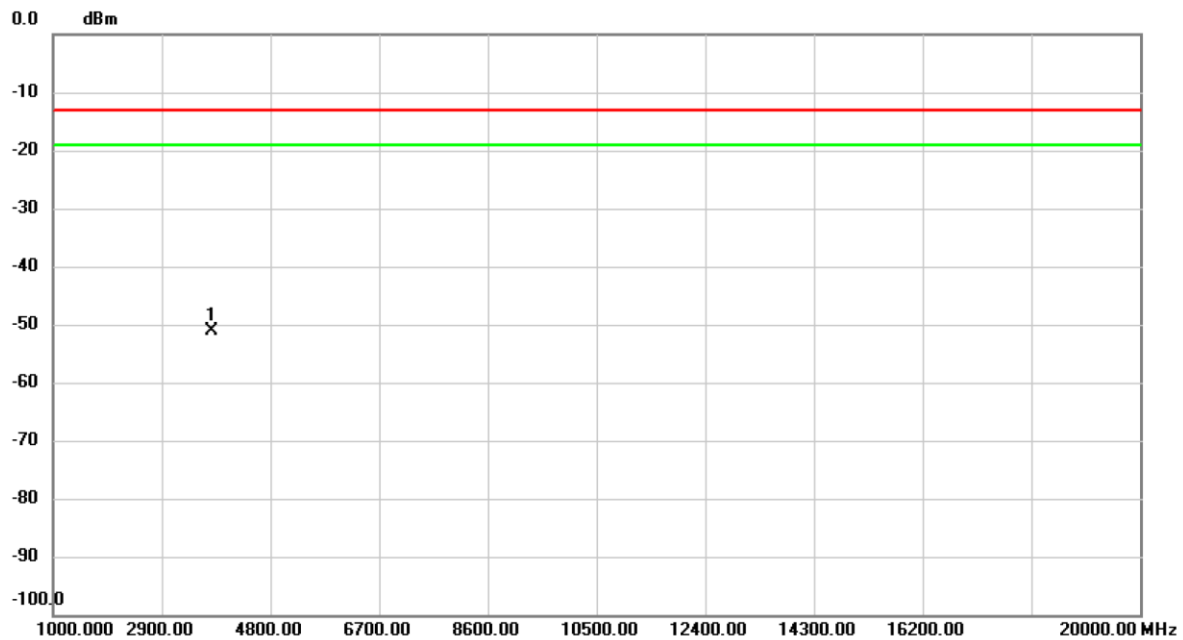


APPENDIX E - RADIATED SPURIOUS EMISSIONS (ABOVE 1000MHZ)

Test Mode	WCDMA Band II	Test Date	2020/5/21
Test Channel	CH9800	Polarization	Vertical



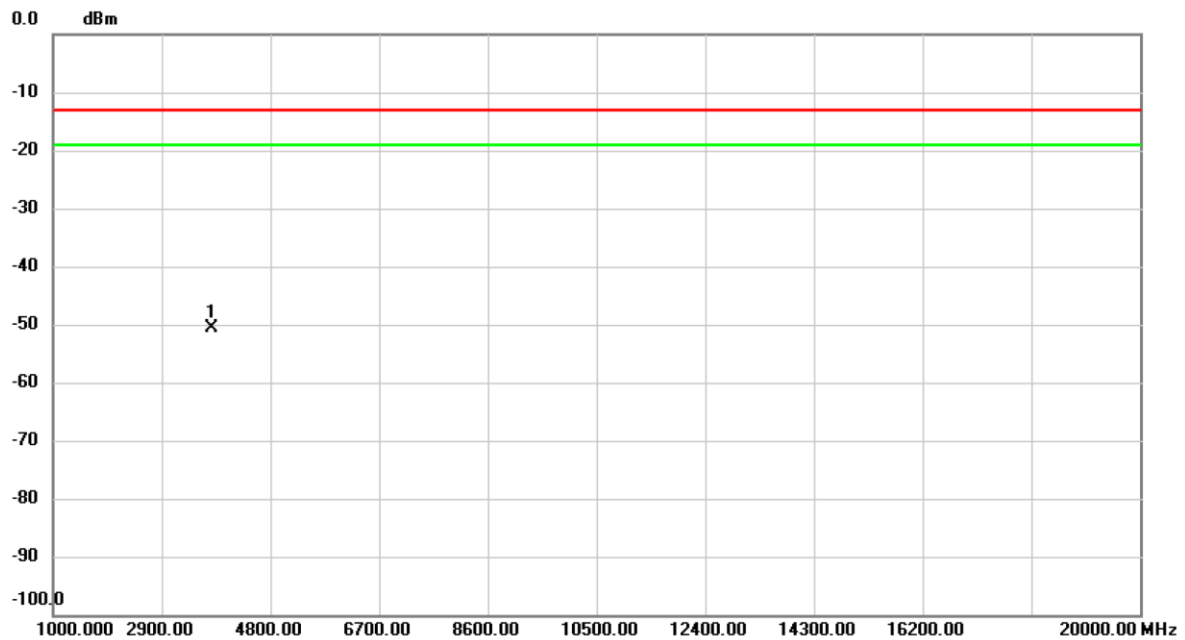
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3761.350	-51.13	-0.08	-51.21	-13.00	-38.21	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	WCDMA Band II	Test Date	2020/5/21
Test Channel	CH9800	Polarization	Horizontal



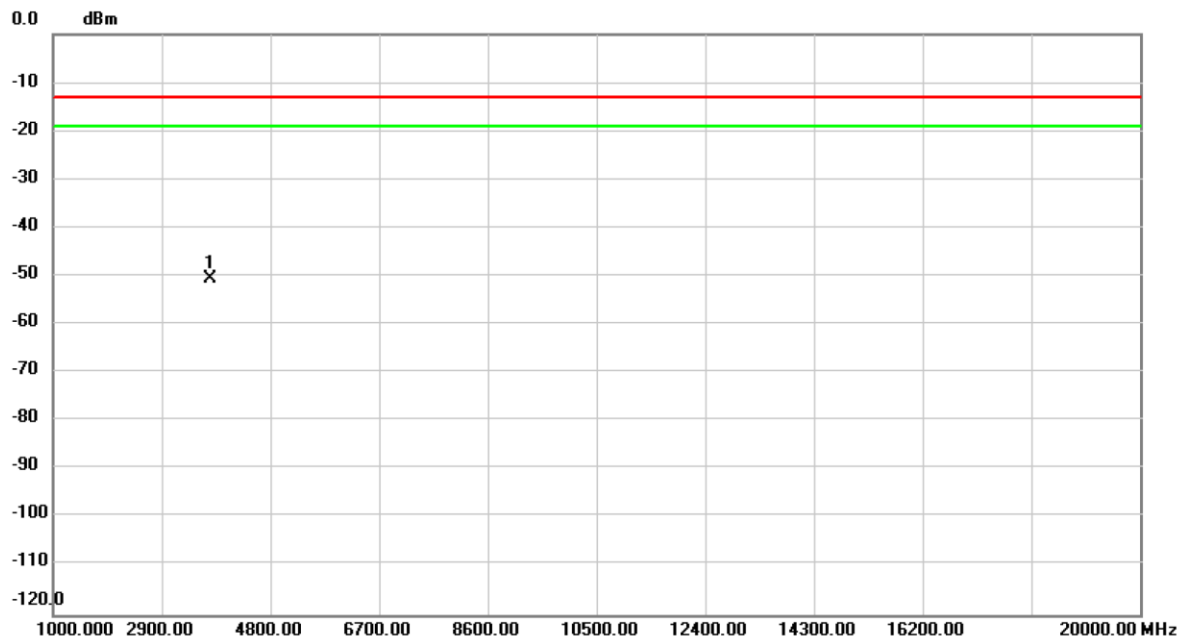
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	3762.370	-50.59	-0.04	-50.63	-13.00	-37.63	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 2	Test Date	2020/5/20
Test Channel	CH18900	Polarization	Vertical



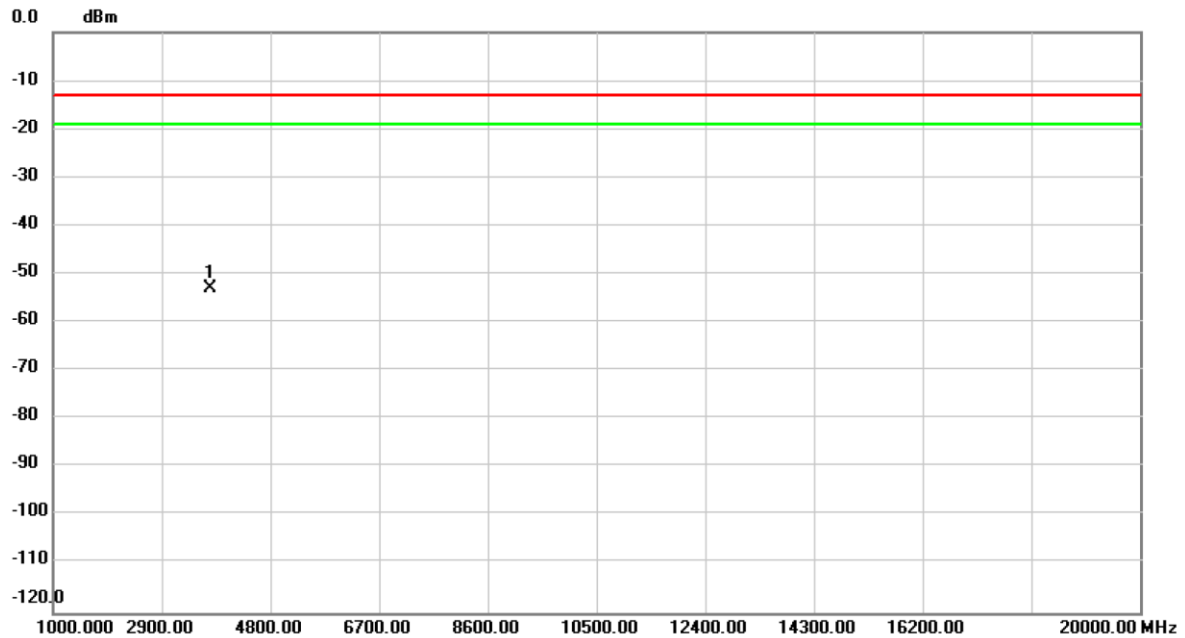
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3742.250	-50.36	-0.06	-50.42	-13.00	-37.42	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 2	Test Date	2020/5/20
Test Channel	CH18900	Polarization	Horizontal



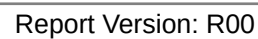
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3742.495	-52.79	-0.23	-53.02	-13.00	-40.02	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

APPENDIX F - BAND EDGE



LTE Band 2_1.4M Spectrum Plot

1RB#0

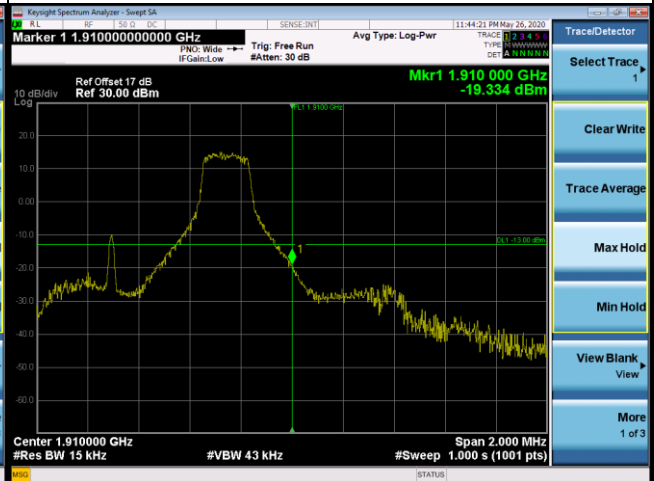
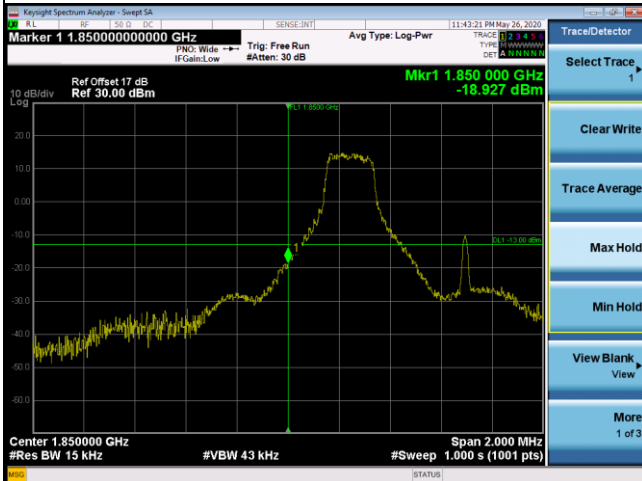
1RB#5

Channel

18607

Channel

19193



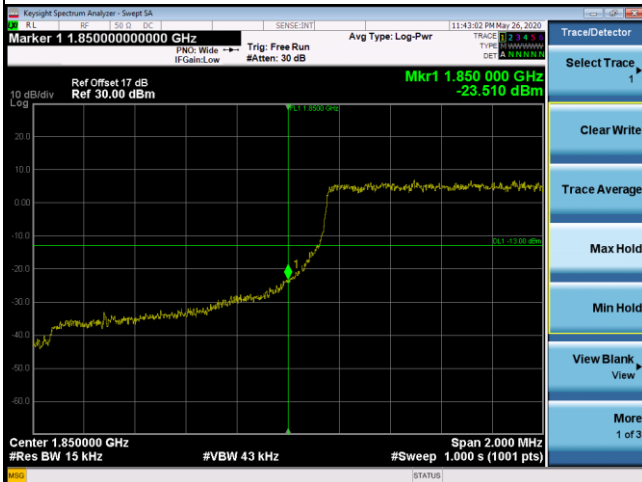
6RB#0

Channel

18607

Channel

19193



LTE Band 2_3M Spectrum Plot

1RB#0

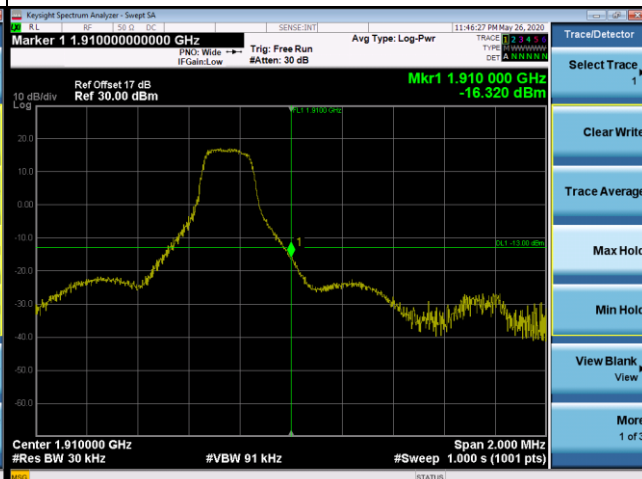
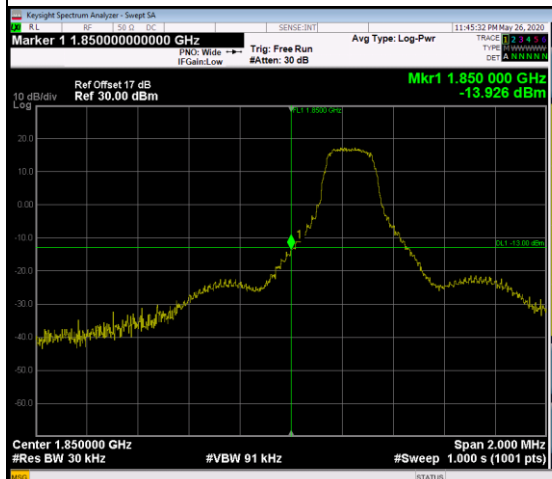
1RB#14

Channel

18615

Channel

19185



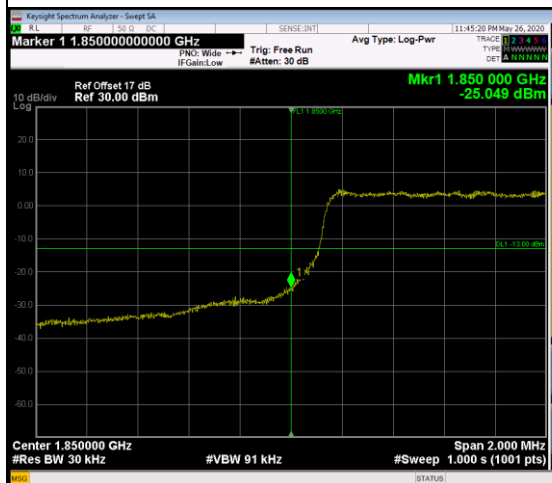
15RB#0

Channel

18615

Channel

19185



LTE Band 2_5M Spectrum Plot

1RB#0

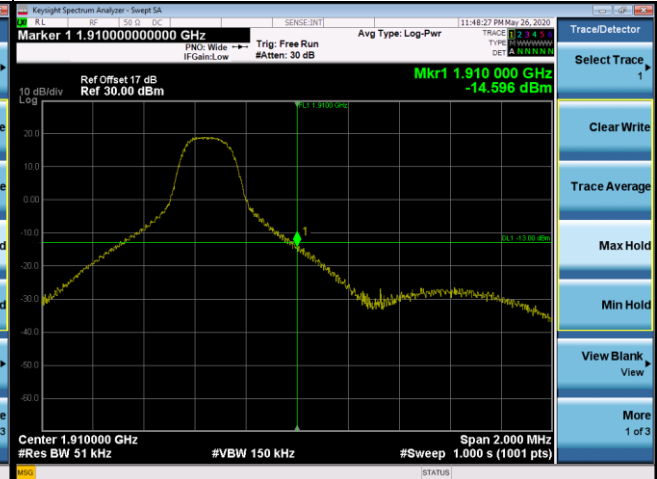
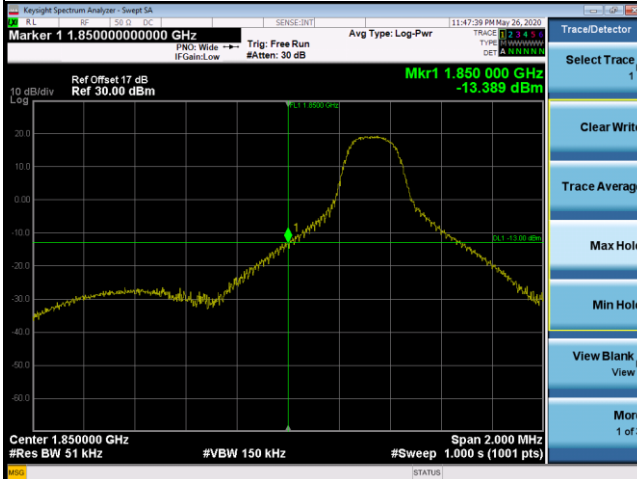
1RB#24

Channel

18625

Channel

19175



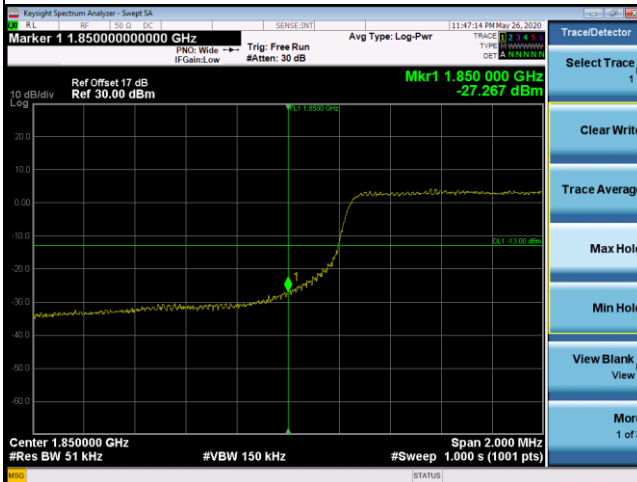
25RB#0

Channel

18625

Channel

19175



LTE Band 2_10M Spectrum Plot

1RB#0

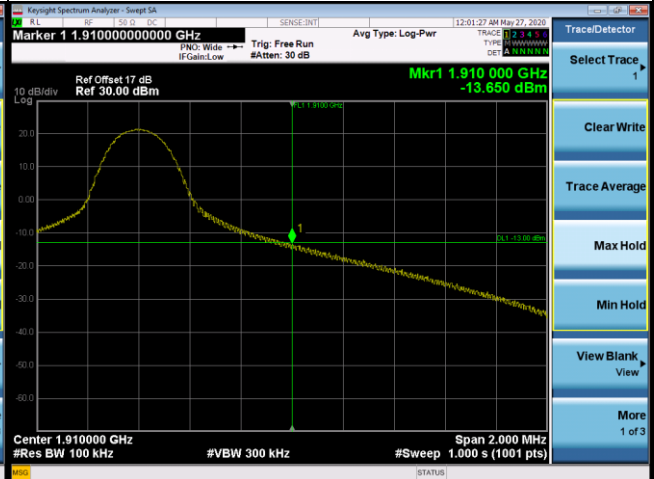
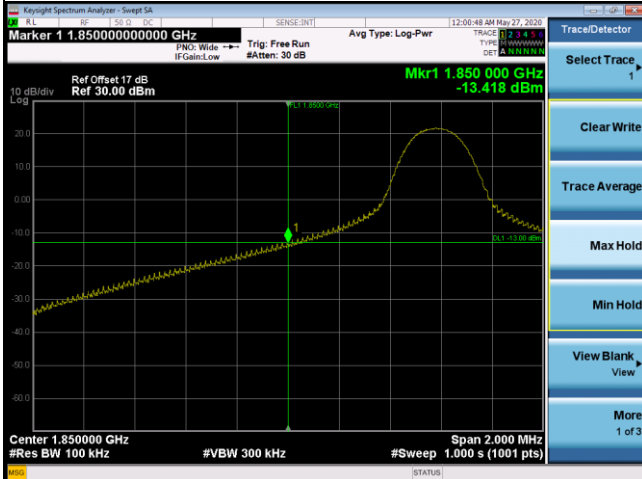
1RB#49

Channel

18650

Channel

19150



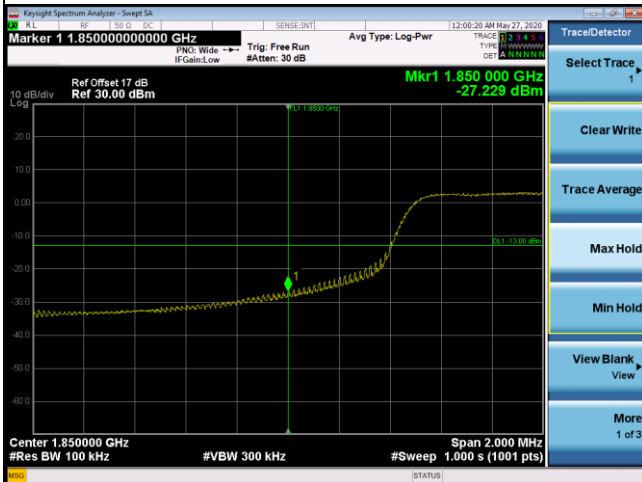
50RB#0

Channel

18650

Channel

19150



LTE Band 2_15M Spectrum Plot

1RB#0

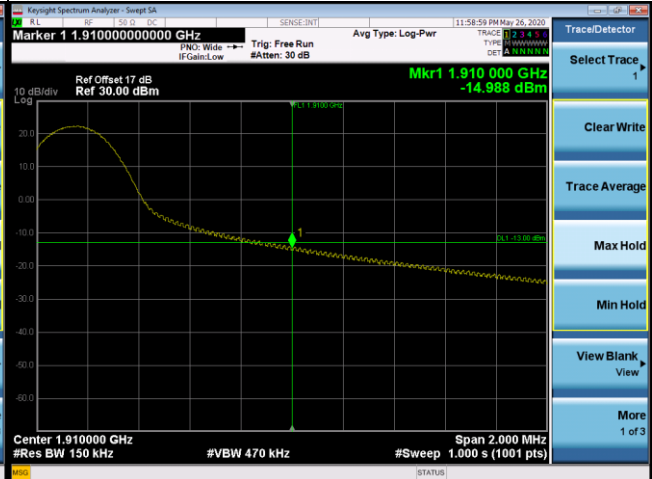
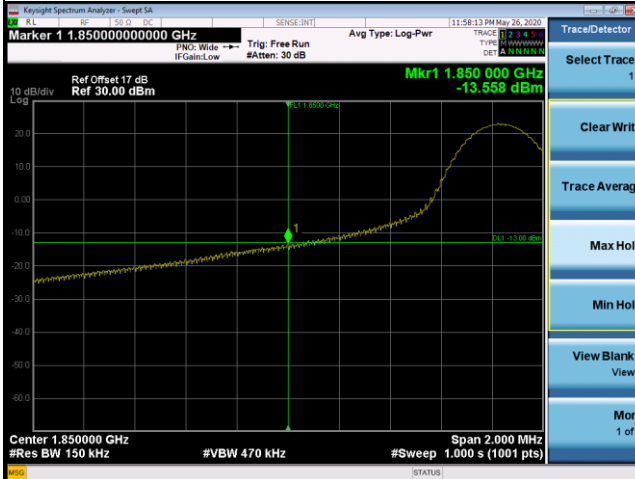
1RB#74

Channel

18675

Channel

19125



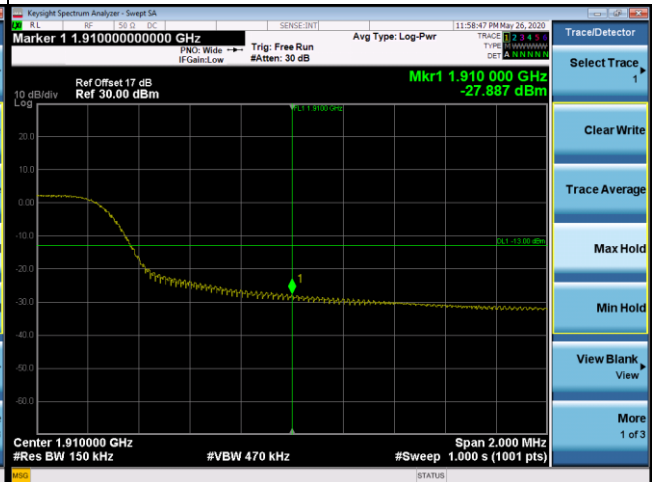
75RB#0

Channel

18675

Channel

19125



LTE Band 2_20M Spectrum Plot

1RB#0

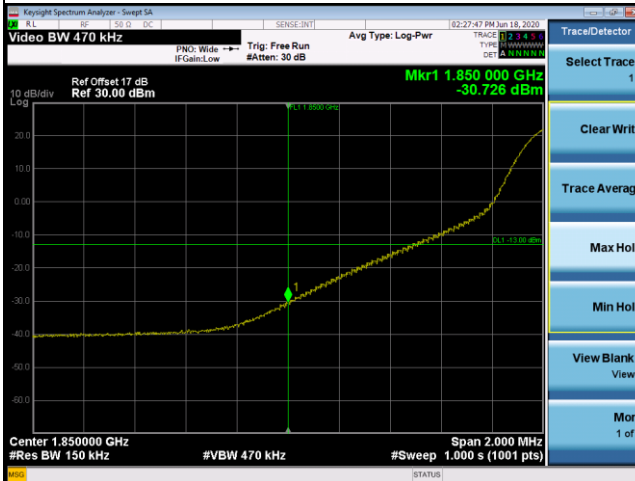
1RB#99

Channel

18700

Channel

19100



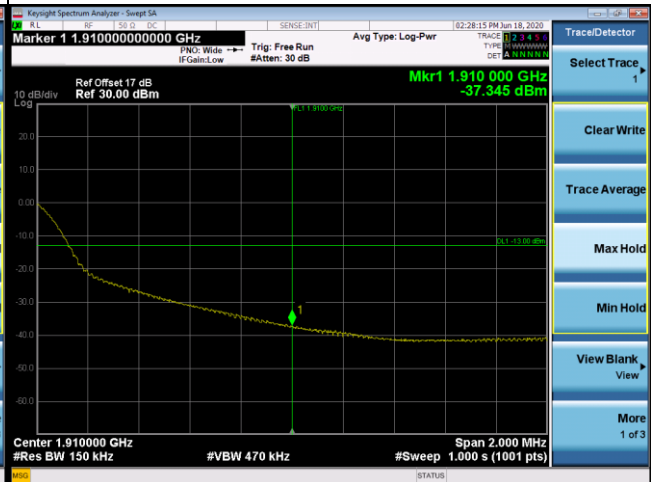
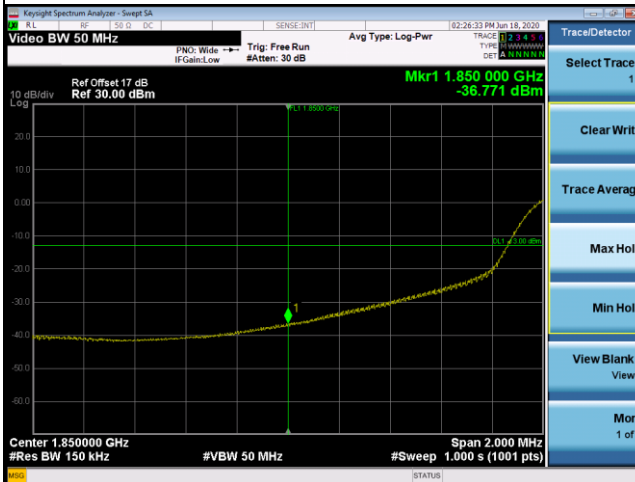
100RB#0

Channel

18700

Channel

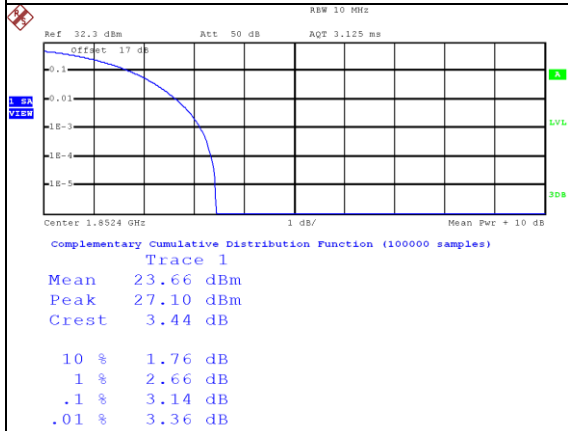
19100



APPENDIX G - PEAK TO AVERAGE RATIO

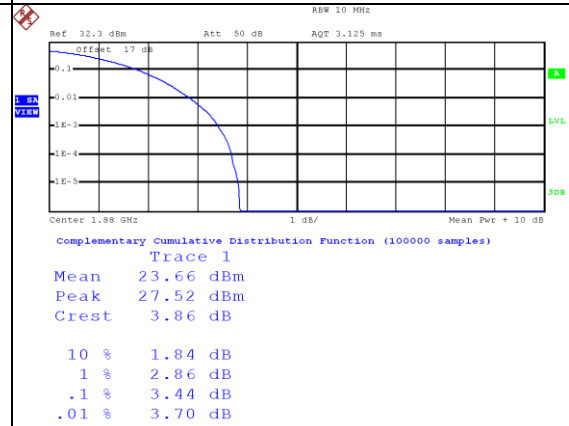
WCDMA Band II_WCDMA Spectrum Plot

9262



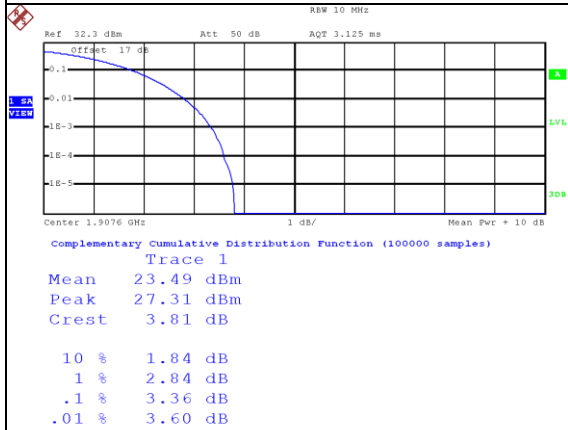
Date: 27.MAY.2020 20:40:04

9400



Date: 27.MAY.2020 20:37:43

9538



Date: 27.MAY.2020 20:38:50

LTE Band 2_1.4M Spectrum Plot



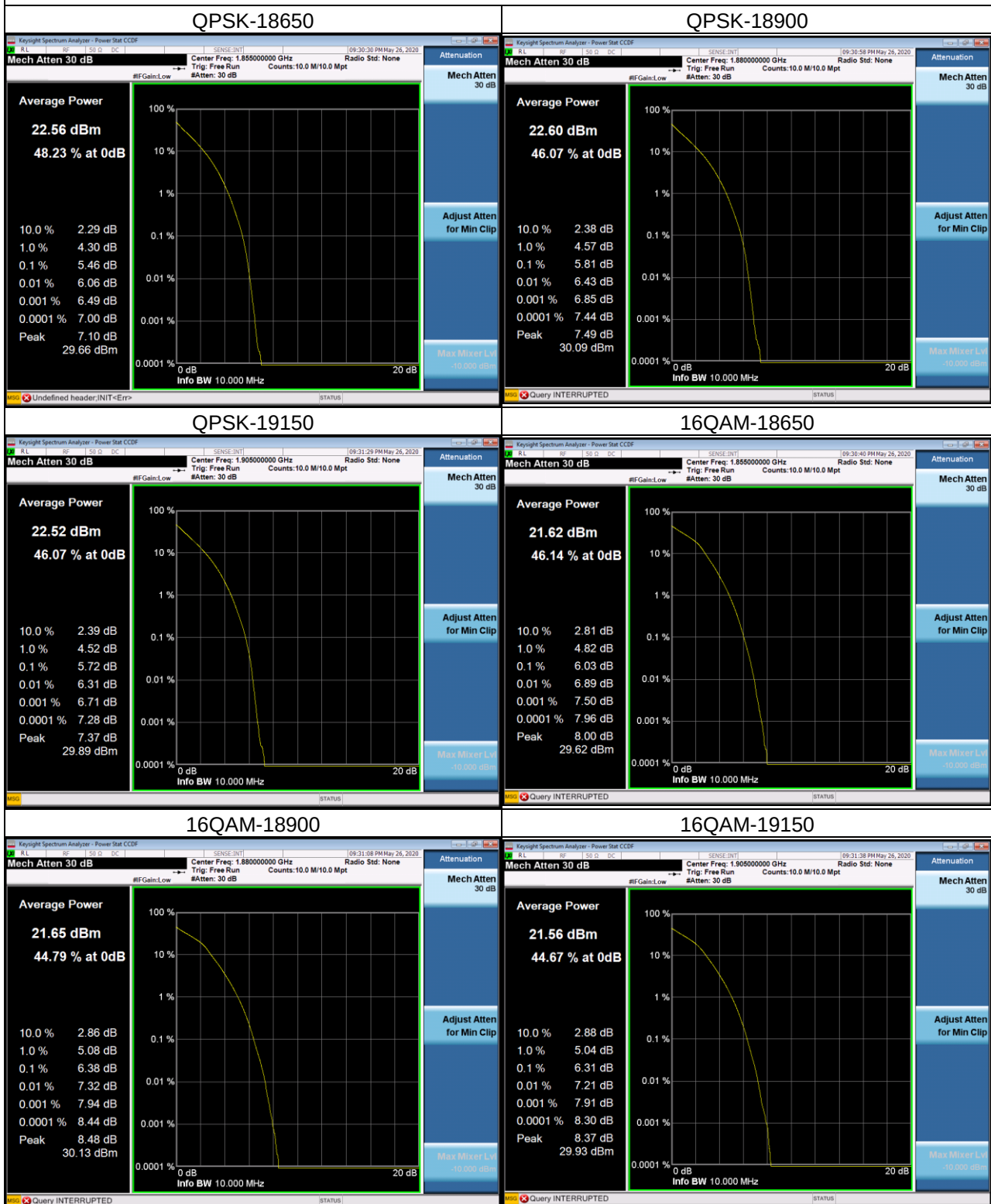
LTE Band 2_3M Spectrum Plot



LTE Band 2_5M Spectrum Plot



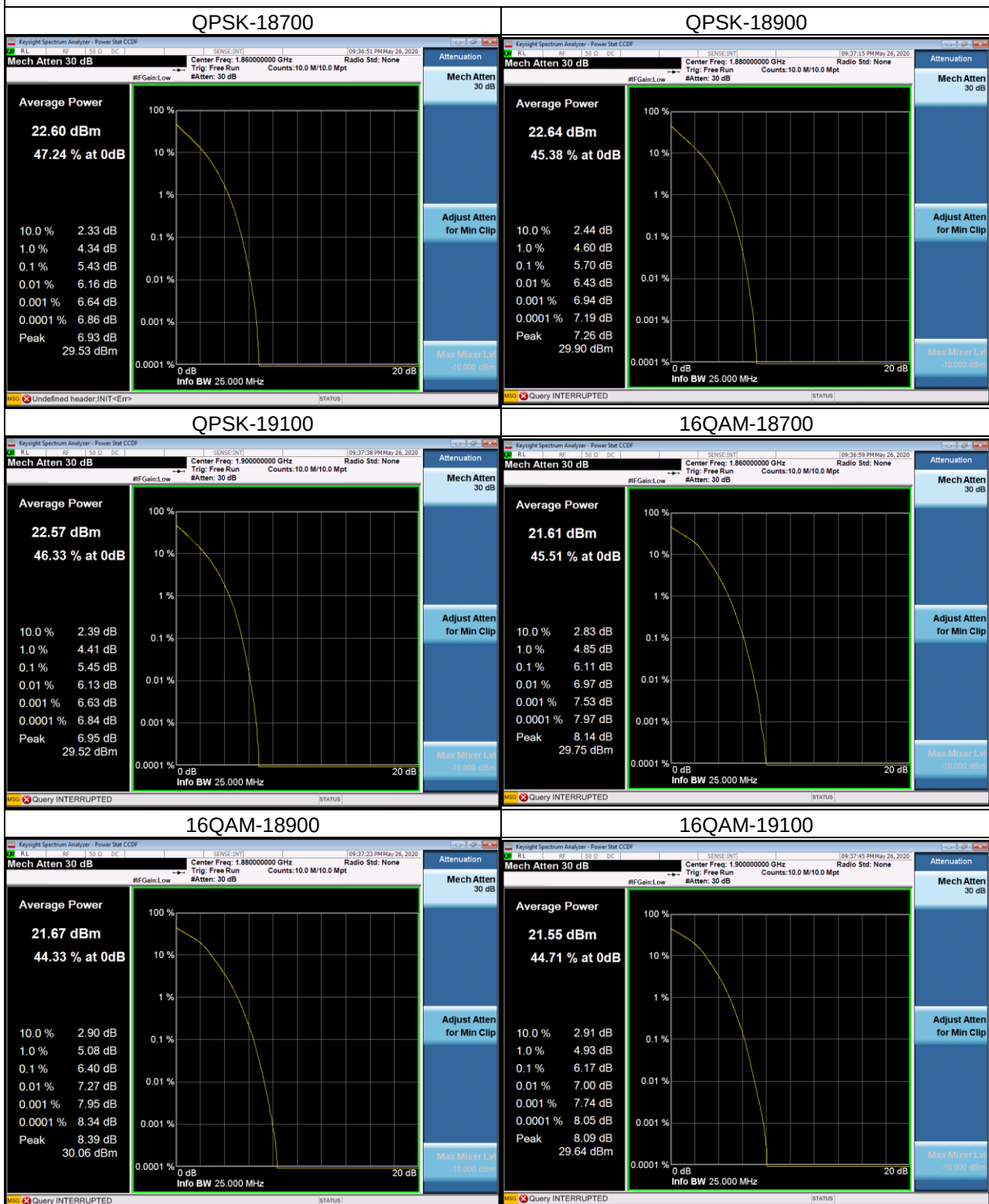
LTE Band 2_10M Spectrum Plot



LTE Band 2_15M Spectrum Plot



LTE Band 2_20M Spectrum Plot



APPENDIX H - FREQUENCY STABILITY

Test Mode	WCDMA Band II_CH9400
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	-0.0029	±2.5
-30	-0.0004	
-20	-0.0023	
-10	-0.0010	
0	0.0071	
10	-0.0046	
20	0.0032	
30	0.0002	
40	0.0020	
50	0.0074	
60	0.0062	
70	-0.0078	
80	-0.0071	
90	0.0078	
100	-0.0058	
105	-0.0083	
Max. Deviation (ppm)	-0.0083	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	-0.0008	±2.5
Normal Voltage	0.0028	
Low Voltage	0.0049	
Max. Deviation (ppm)	0.0049	

Test Mode	LTE Band 2_CH18900_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	-0.0076	±2.5
-30	0.0060	
-20	-0.0088	
-10	0.0078	
0	-0.0048	
10	0.0040	
20	0.0077	
30	0.0076	
40	-0.0036	
50	-0.0030	
60	0.0062	
70	-0.0049	
80	-0.0001	
90	0.0034	
100	0.0014	
105	-0.0062	
Max. Deviation (ppm)	-0.0088	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	0.0039	±2.5
Normal Voltage	-0.0033	
Low Voltage	-0.0058	
Max. Deviation (ppm)	-0.0058	

Test Mode	LTE Band 2_CH18900_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0039	±2.5
-30	0.0089	
-20	0.0002	
-10	0.0034	
0	-0.0008	
10	0.0068	
20	0.0071	
30	-0.0031	
40	-0.0043	
50	0.0029	
60	-0.0029	
70	0.0089	
80	0.0045	
90	-0.0045	
100	0.0089	
105	-0.0089	
Max. Deviation (ppm)	-0.0089	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	0.0079	±2.5
Normal Voltage	0.0052	
Low Voltage	0.0007	
Max. Deviation (ppm)	0.0079	

Test Mode	LTE Band 2_CH18900_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0038	±2.5
-30	0.0044	
-20	0.0052	
-10	0.0004	
0	0.0075	
10	-0.0010	
20	-0.0076	
30	0.0017	
40	-0.0010	
50	0.0023	
60	0.0015	
70	-0.0034	
80	-0.0026	
90	0.0072	
100	0.0004	
105	0.0041	
Max. Deviation (ppm)	-0.0076	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	-0.0057	±2.5
Normal Voltage	-0.0061	
Low Voltage	0.0069	
Max. Deviation (ppm)	0.0069	

Test Mode	LTE Band 2_CH18900_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	0.0089	±2.5
-30	0.0069	
-20	-0.0007	
-10	-0.0050	
0	-0.0052	
10	0.0055	
20	0.0071	
30	0.0033	
40	-0.0078	
50	0.0007	
60	0.0061	
70	0.0045	
80	0.0007	
90	0.0013	
100	-0.0026	
105	-0.0021	
Max. Deviation (ppm)	0.0089	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	0.0065	±2.5
Normal Voltage	-0.0083	
Low Voltage	-0.0088	
Max. Deviation (ppm)	-0.0088	

Test Mode	LTE Band 2_CH18900_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	-0.0068	±2.5
-30	0.0046	
-20	0.0068	
-10	0.0033	
0	-0.0029	
10	0.0013	
20	0.0036	
30	-0.0002	
40	0.0003	
50	0.0060	
60	-0.0037	
70	0.0029	
80	0.0044	
90	0.0048	
100	0.0023	
105	0.0007	
Max. Deviation (ppm)	-0.0068	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	-0.0089	±2.5
Normal Voltage	0.0074	
Low Voltage	0.0039	
Max. Deviation (ppm)	-0.0089	

Test Mode	LTE Band 2_CH18900_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (ppm)	Limit(ppm)
-40	-0.0016	±2.5
-30	-0.0023	
-20	-0.0004	
-10	-0.0018	
0	-0.0050	
10	0.0072	
20	0.0050	
30	-0.0061	
40	0.0042	
50	0.0047	
60	0.0081	
70	-0.0014	
80	0.0077	
90	-0.0041	
100	0.0015	
105	-0.0018	
Max. Deviation (ppm)	0.0081	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (ppm)	Limit(ppm)
High Voltage	-0.0081	±2.5
Normal Voltage	-0.0085	
Low Voltage	-0.0056	
Max. Deviation (ppm)	-0.0085	

End of Test Report