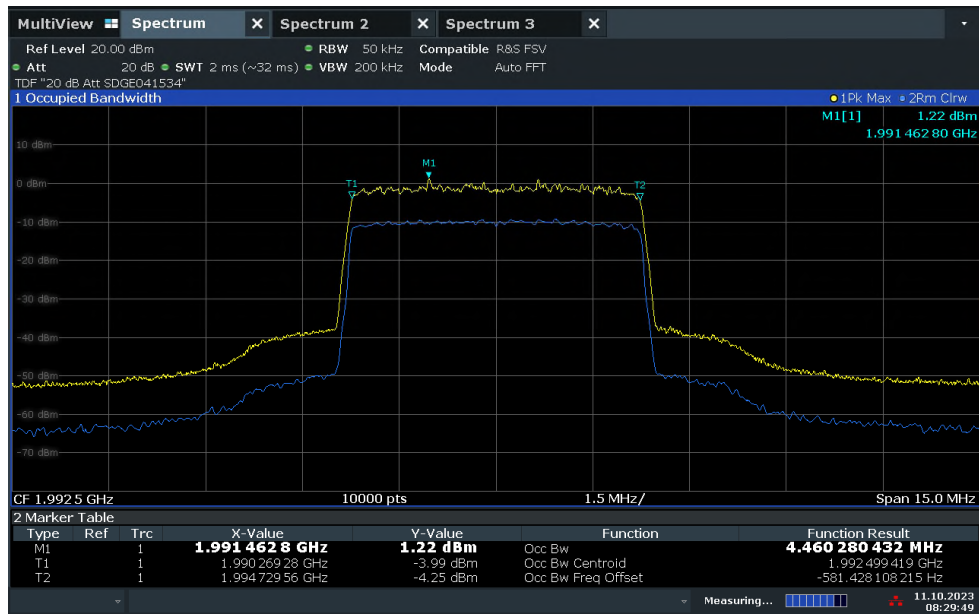


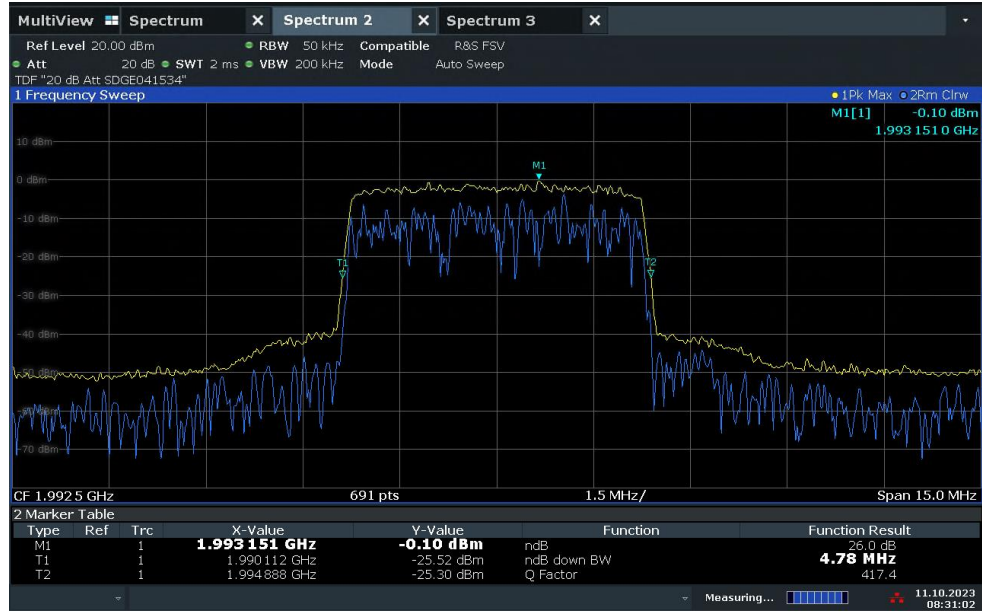
FCC ID: YETG43-BBBE
IC No.: 9298A-G43BBBE**LTE Band 13 Uplink (10 MHz BW) / Mid Channel 782.0 MHz / 26dB BW**

11:34:13 20.07.2023

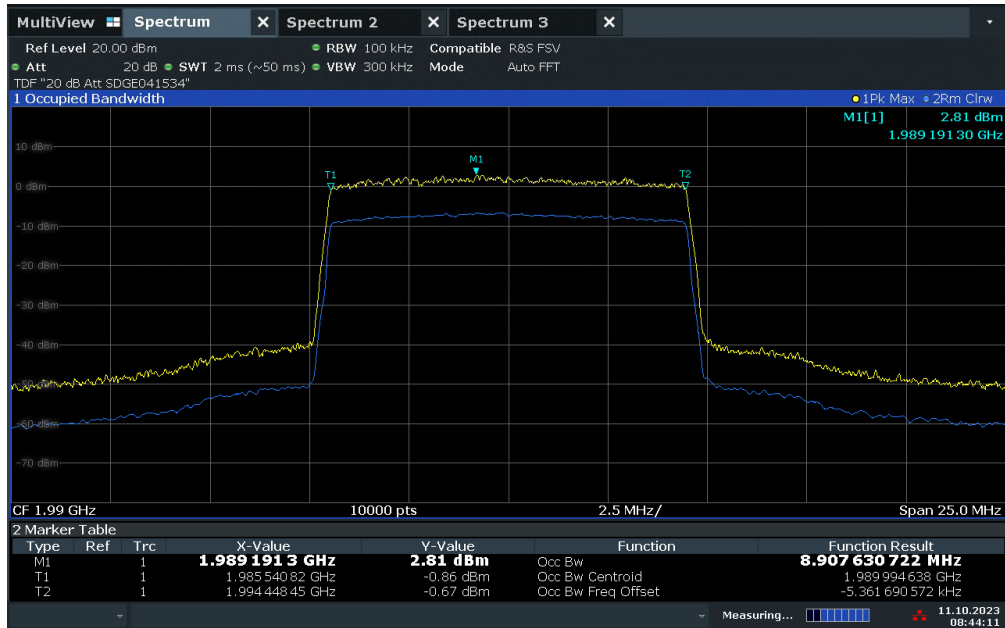
LTE Band 25 Downlink 5 MHz BW High Channel 99% OBW

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IC No.: 9298A-G43BBBE

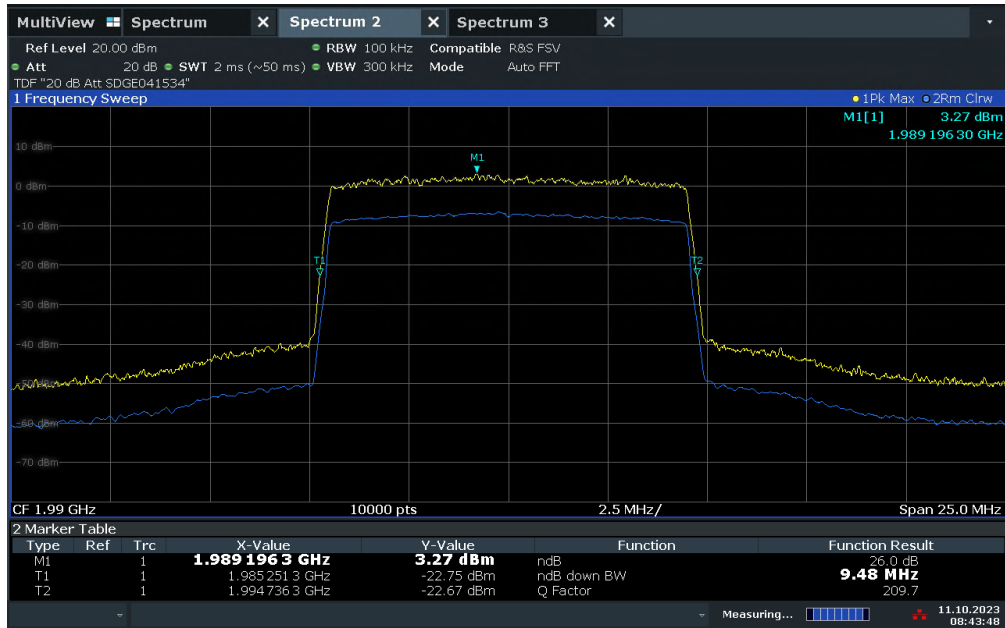
LTE Band 25 Downlink 5 MHz BW High Channel -26dB BW

08:31:02 11.10.2023

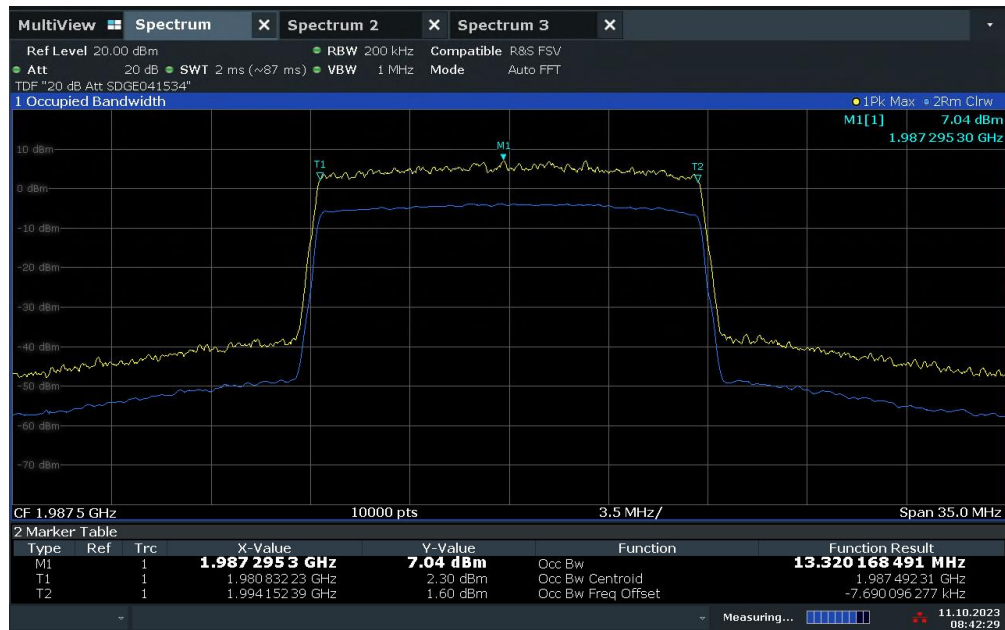
LTE Band 25 Downlink 10 MHz BW High Channel 99% OBW

08:44:12 11.10.2023

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IC No.: 9298A-G43BBBE

LTE Band 25 Downlink 10 MHz BW High Channel -26dB BW

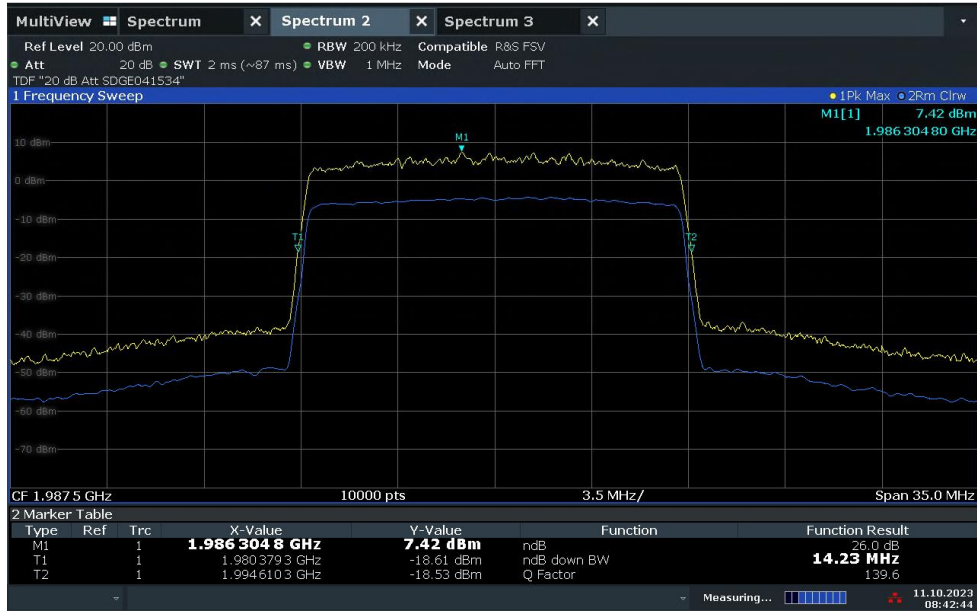
08:43:49 11.10.2023

LTE Band 25 Downlink 15 MHz BW High Channel 99% OBW

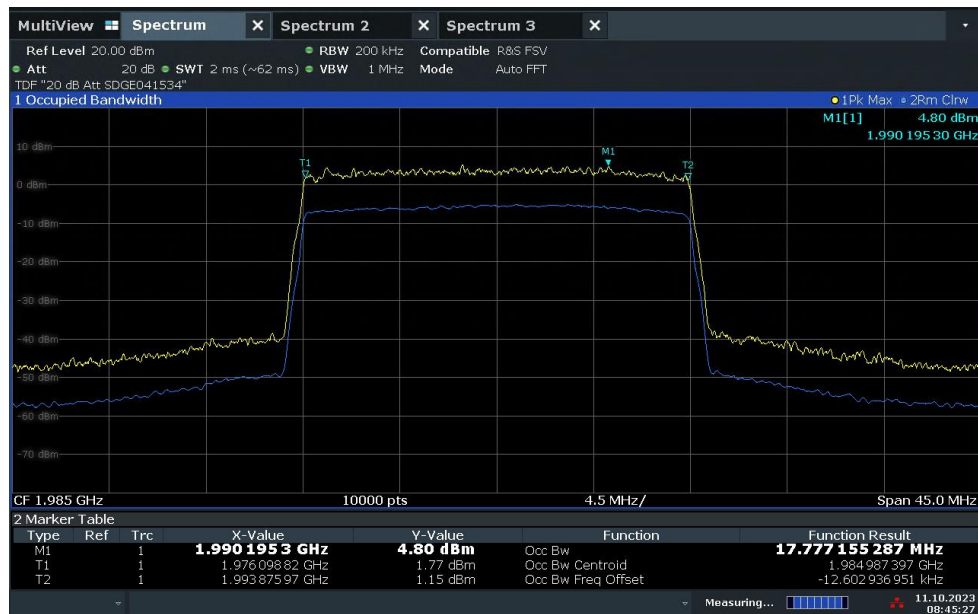
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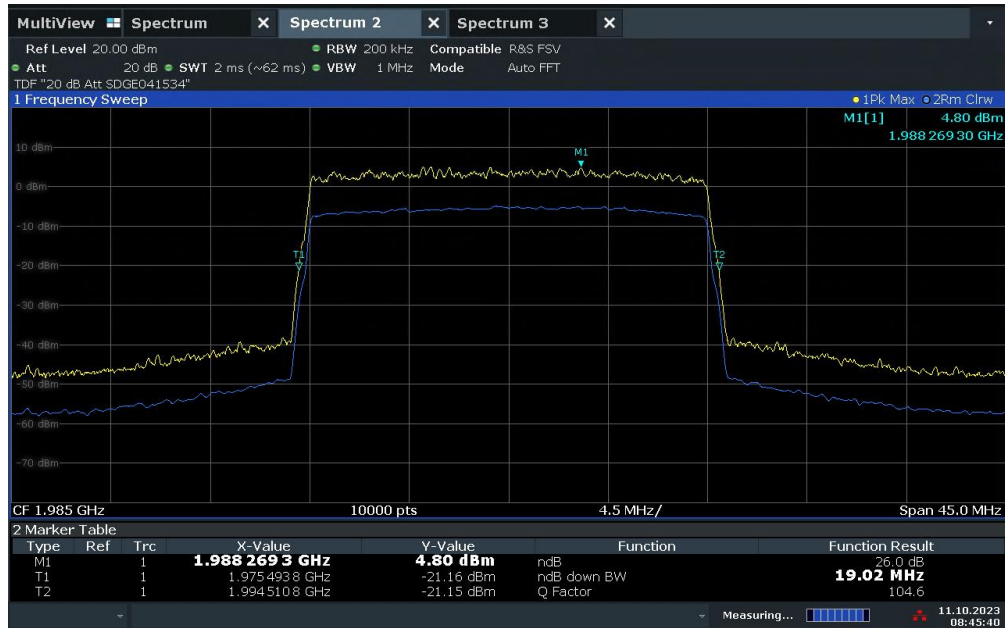
LTE Band 25 Downlink 15MHz BW High Channel -26dB BW

08:42:45 11.10.2023

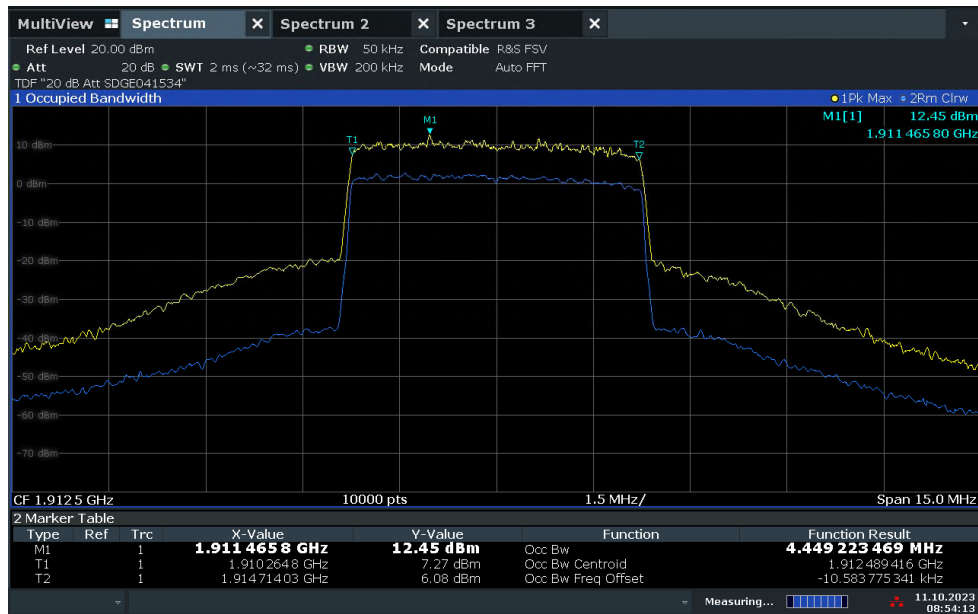
LTE Band 25 Downlink 20 MHz BW High Channel 99% OBW

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IC No.: 9298A-G43BBBE

LTE Band 25 Downlink 20 MHz BW High Channel -26dB BW

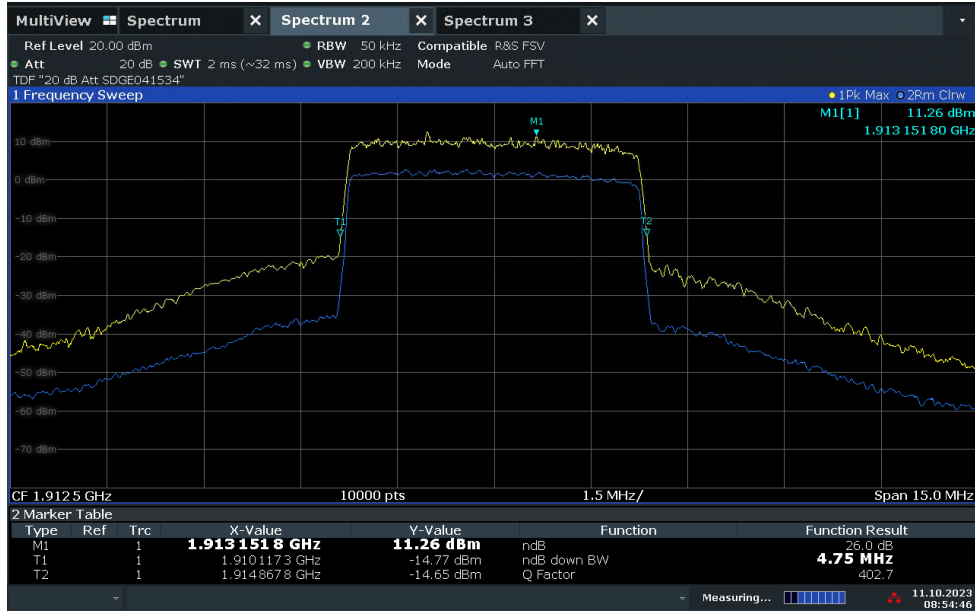
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LTE Band 25 Uplink 5 MHz BW High Channel 99% OBW

08:54:13 11.10.2023

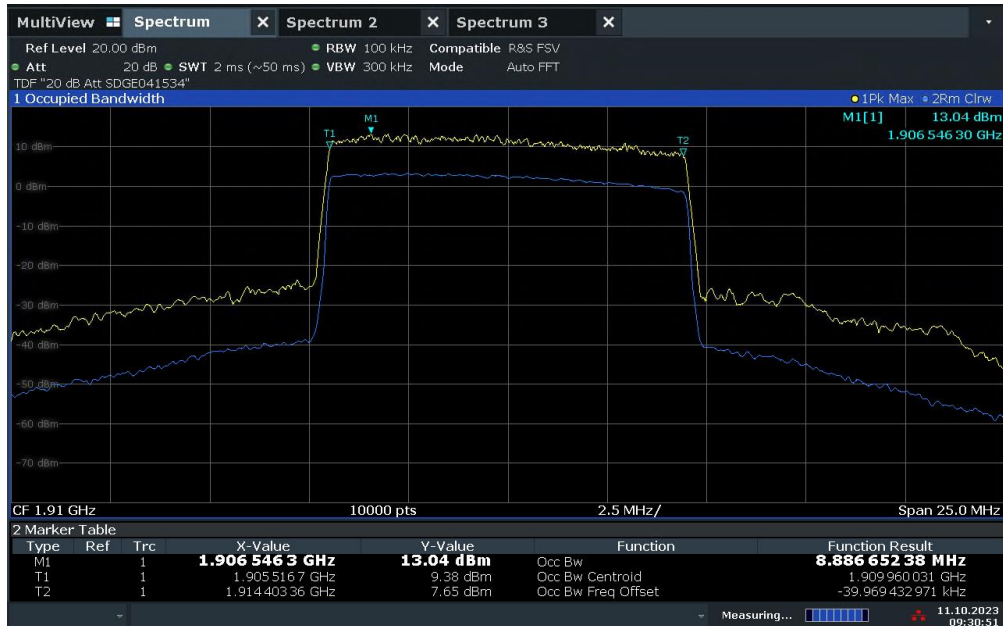
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IC No.: 9298A-G43BBBE

LTE Band 25 Uplink 5 MHz BW High Channel -26dB BW



08:54:46 11.10.2023

LTE Band 25 Uplink 10 MHz BW High Channel 99% OBW



09:30:51 11.10.2023

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IC No.: 9298A-G43BBBE

LTE Band 25 Uplink 10 MHz BW High Channel -26dB BW



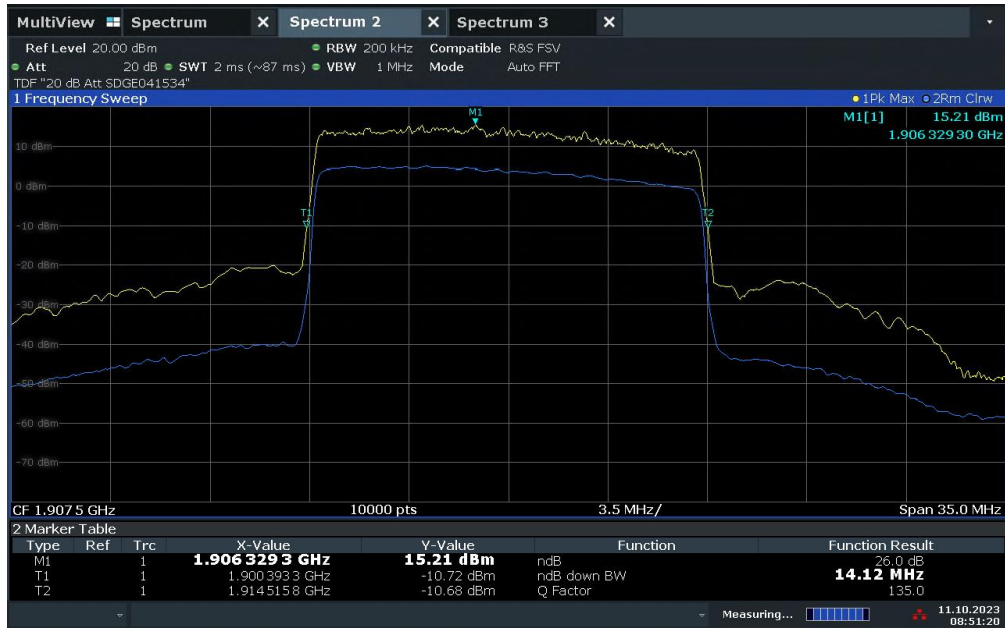
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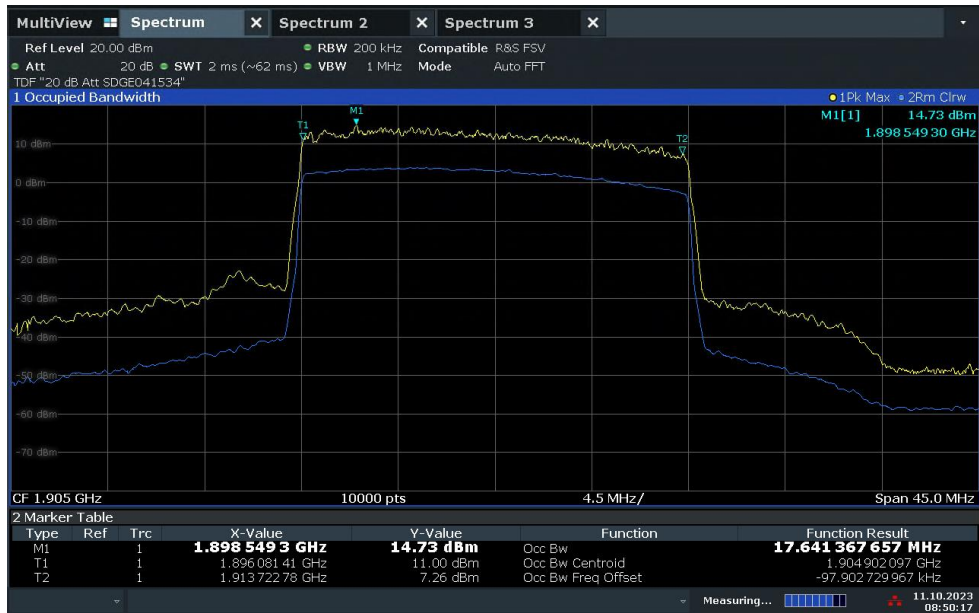


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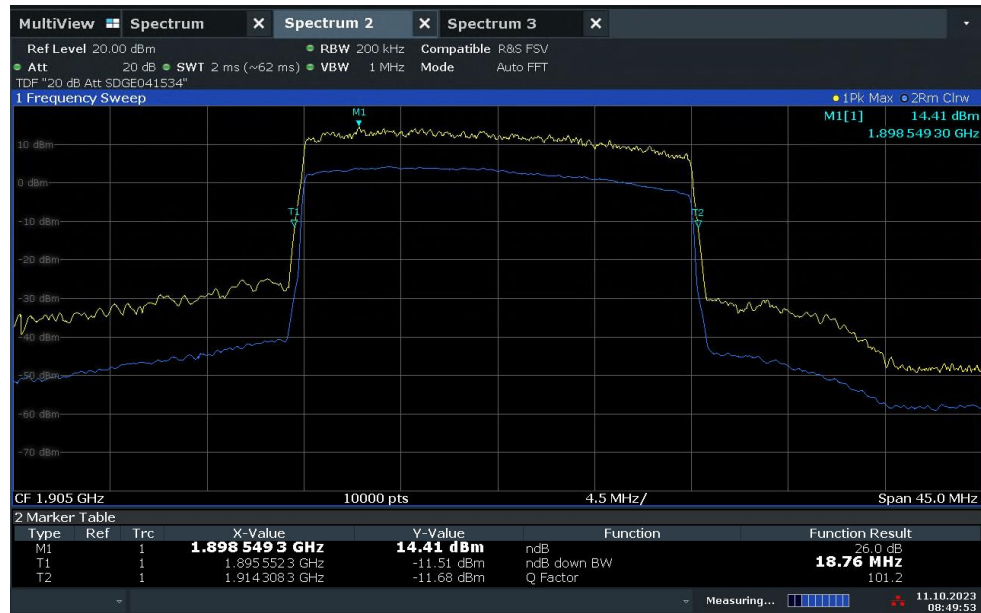
LTE Band 25 Uplink 15 MHz BW High Channel -26dB BW

08:51:21 11.10.2023

LTE Band 25 Uplink 20 MHz BW High Channel 99% OBW

08:50:18 11.10.2023

FCC ID: YETG43-BBBE
IC No.: 9298A-G43BBBE

LTE Band 25 Uplink 20 MHz BW High Channel -26dB BW

08:49:53 11.10.2023

FCC ID: YETG43-BBBE
IC No.: 9298A-G43BBBE

2.11 Oscillation Detection

2.11.1 Specification Reference

FCC 47 CFR Part 20. Clause 20.21(e)(9)(ii)(A)
KDB935210 D04, Clause 7.11

2.11.2 Standard Applicable

FCC 47 CFR Part 20. Clause 20.21(e)(9)(ii)(A) Anti-Oscillation:

Consumer boosters must be able to detect and mitigate (i.e., by automatic gain reduction or shut down), any oscillations in uplink and downlink bands. Oscillation detection and mitigation must occur automatically within 0.3 seconds in the uplink band and within 1 second in the downlink band. In cases where oscillation is detected, the booster must continue mitigation for at least one minute before restarting. After five such restarts, the booster must not resume operation until manually reset.

2.11.3 Equipment Under Test and Modification State

Serial No: 560311000026 / Test Configuration A, B, C and D

2.11.4 Date of Test/Initial of test personnel who performed the test.

September 11, 2023/MARG

2.11.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.11.6 Environmental Conditions

Test performed at TÜV SÜD America Inc. Rancho Bernardo facility.

Ambient Temperature	25.8°C
Relative Humidity	53.3%
ATM Pressure	99.0kPa

2.11.7 Additional Observations

- This is conducted Test.
- The test procedure is per Section 7.11 of KDB935210 (D04 Provider Specific Booster Measurements v02r03). Appropriate offset (line losses) applied.
- The EUT operated in Normal Mode when testing Oscillation Mitigation Time. Setup the EUT according to Figure 10 and 11 of Section 7.11 of KDB935210 for Normal Mode.
- The EUT operated in Test Mode when testing Re-Try event. Setup the EUT according to Figure 12 of Section 7.11 of KDB935210 for Test Mode.
- Evaluations are conducted at Donnor and Server Ports.
- Signal: 5MHz LTE.



FCC ID: YETG43-BBBE
IC No.: 9298A-G43BBBE

2.11.8 Test Results Summary

Band	Signal Path	Frequency (MHz)	Mitigation Time (Sec)	Limit (Sec)	Margin (Sec)
LTE Band 2 Downlink	Server Port	1960	0.725	1	0.275
LTE Band 2 Uplink	Donnor Port	1880	0.021	0.3	0.279
LTE Band 4 Downlink	Server Port	2132.5	0.710	1	0.29
LTE Band 4 Uplink	Donnor Port	1732.5	0.043	0.3	0.257
LTE Band 5 Downlink	Server Port	881.5	0.826	1	0.174
LTE Band 5 Uplink	Donnor Port	836.5	0.014	0.3	0.286
LTE Band 12 Downlink	Server Port	737.5	0.630	1	0.37
LTE Band 12 Uplink	Donnor Port	707.5	0.014	0.3	0.286
LTE Band 13 Downlink	Server Port	751.0	0.695	1	0.305
LTE Band 13 Uplink	Donnor Port	782.0	0.130	0.3	0.17
LTE Band 25 Downlink	Server Port	1962.5	0.710	1	0.29
LTE Band 25 Uplink	Donnor Port	1882.5	0.021	0.3	0.279

Band	Signal Path	Frequency (MHz)	Re-try Event	Limit Event	Margin (Sec)
LTE Band 2 Downlink	Server Port	1960	0	5	5
LTE Band 2 Uplink	Donnor Port	1880	0	5	5
LTE Band 4 Downlink	Server Port	2132.5	0	5	5
LTE Band 4 Uplink	Donnor Port	1732.5	0	5	5
LTE Band 5 Downlink	Server Port	881.5	0	5	5
LTE Band 5 Uplink	Donnor Port	836.5	0	5	5
LTE Band 12 Downlink	Server Port	737.5	0	5	5
LTE Band 12 Uplink	Donnor Port	707.5	0	5	5
LTE Band 13 Downlink	Server Port	751.0	0	5	5
LTE Band 13 Uplink	Donnor Port	782.0	0	5	5
LTE Band 25 Downlink	Server Port	1962.5	0	5	5
LTE Band 25 Uplink	Donnor Port	1882.5	0	5	5



FCC ID: YETG43-BBBE
IC No.: 9298A-G43BBBE

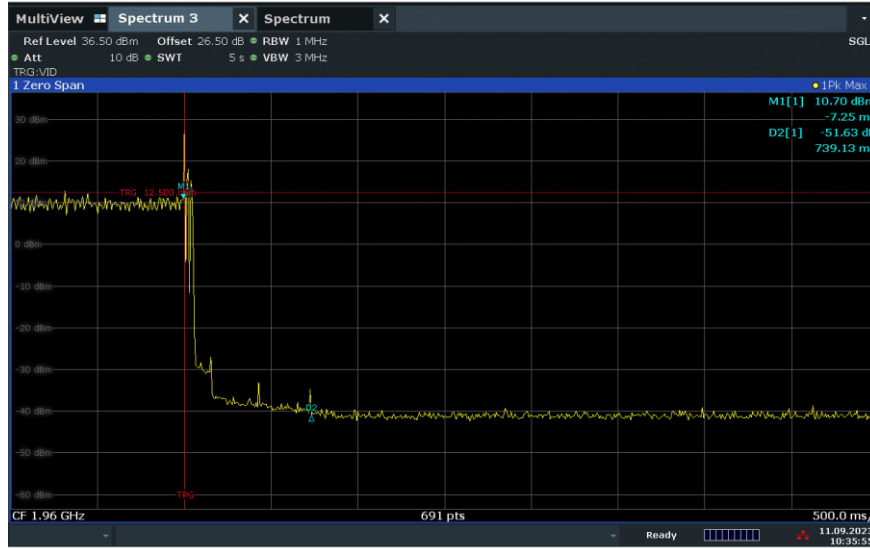
Band	Signal Path	Frequency (MHz)	Level	Peak Oscillation Level	Level
LTE Band 2 Downlink	Server Port	1960	-82.5	< 2dB	12
LTE Band 2 Uplink	Donnor Port	1880	-77.5	< 2dB	12
LTE Band 4 Downlink	Server Port	2132.5	-82.5	< 2dB	12
LTE Band 4 Uplink	Donnor Port	1732.5	-77.3	< 2dB	12
LTE Band 5 Downlink	Server Port	881.5	-82.4	< 2dB	12
LTE Band 5 Uplink	Donnor Port	836.5	-75.8	< 2dB	12
LTE Band 12 Downlink	Server Port	737.5	-82.2	< 2dB	12
LTE Band 12 Uplink	Donnor Port	707.5	-75.6	< 2dB	12
LTE Band 13 Downlink	Server Port	751.0	-82.3	< 2dB	12
LTE Band 13 Uplink	Donnor Port	782.0	-75.5	< 2dB	12
LTE Band 25 Downlink	Server Port	1962.5	-82.5	< 2dB	12
LTE Band 25 Uplink	Donnor Port	1882.5	-77.5	< 2dB	12



FCC ID: YETG43-BBBE
IC No.: 9298A-G43BBBE

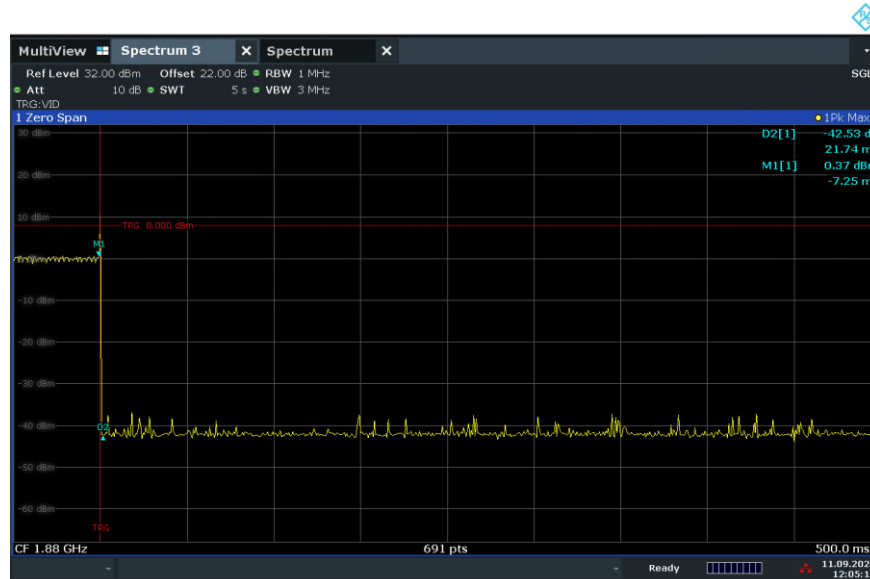
2.11.9 Test Results Plots

Mitigation Time - LTE Band 2 Downlink 5MHz Bandwidth Mid Channel - Server Port.



10:35:56 11.09.2023

Mitigation Time - LTE Band 2 Uplink 5MHz Bandwidth Mid Channel – Donnor Port.

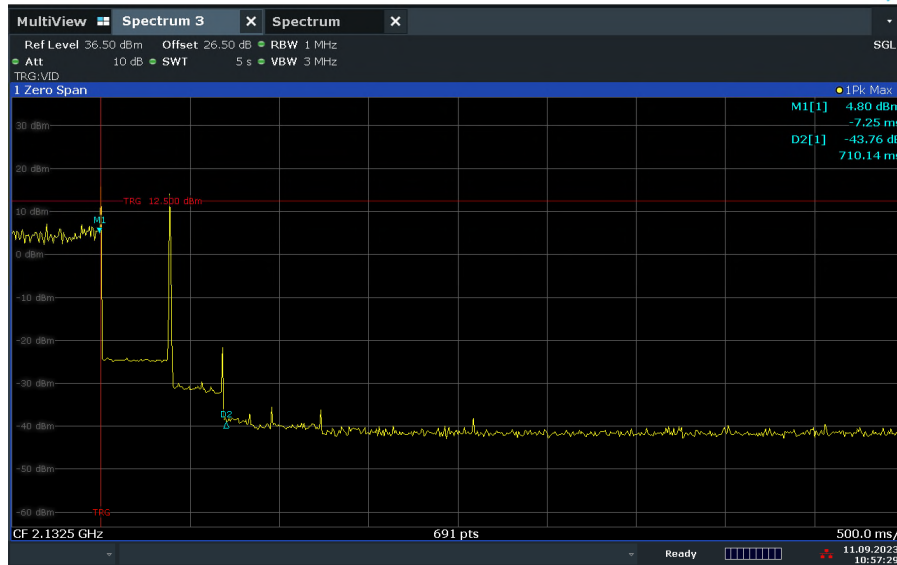


12:05:17 11.09.2023

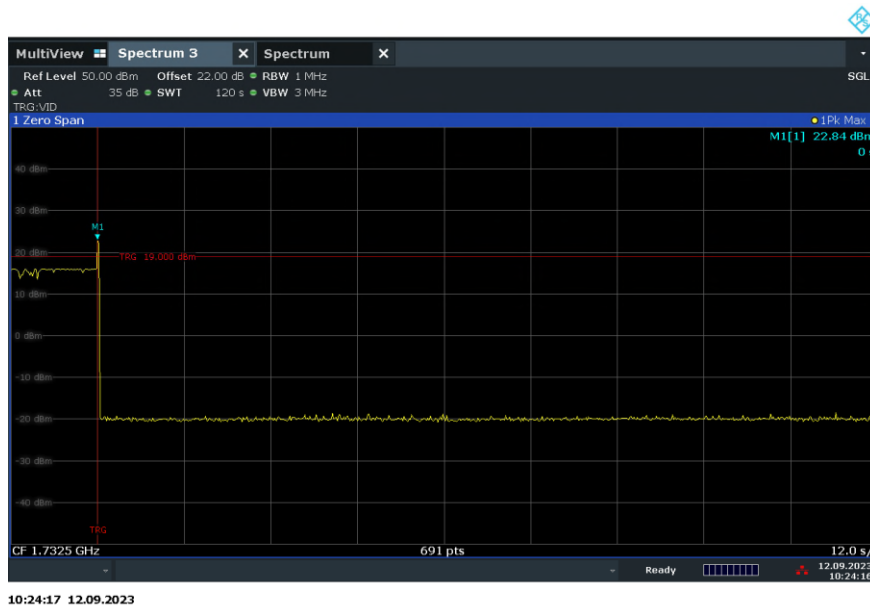


FCC ID: YETG43-BBBE
IC No.: 9298A-G43BBBE

Mitigation Time - LTE Band 4 Downlink 5MHz Bandwidth Mid Channel – Server Port.



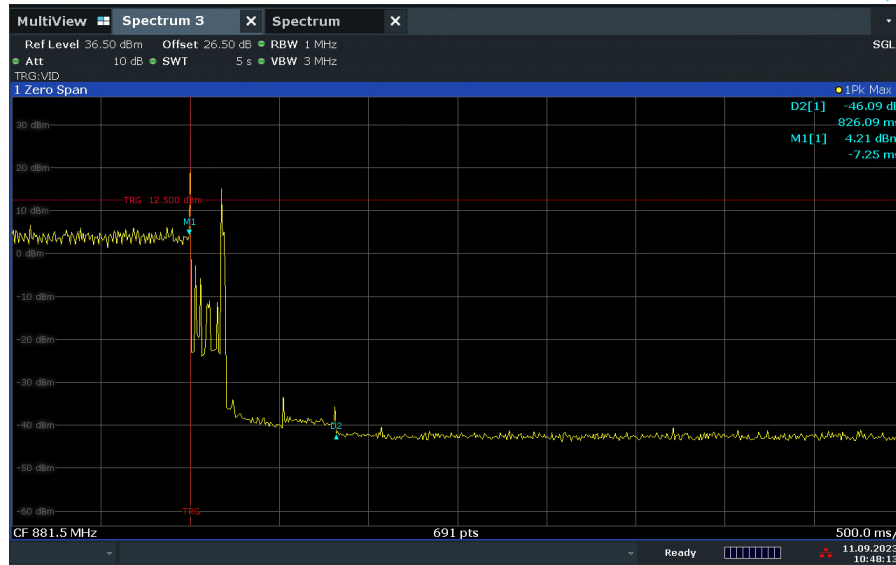
Mitigation Time - LTE Band 4 Uplink 5MHz Bandwidth Mid Channel – Donnor Port.



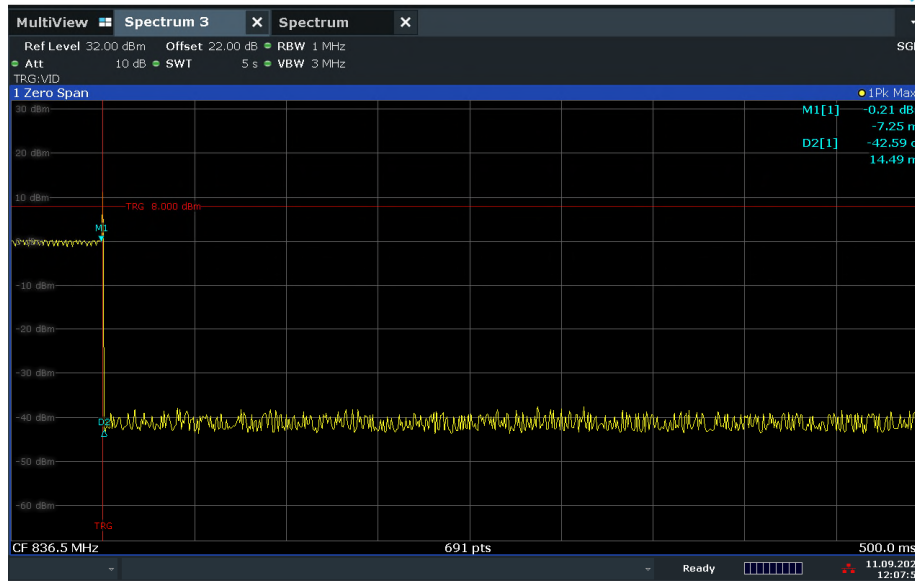


FCC ID: YETG43-BBBE
IC No.: 9298A-G43BBBE

Mitigation Time - LTE Band 5 Downlink 5MHz Bandwidth Mid Channel – Server Port.



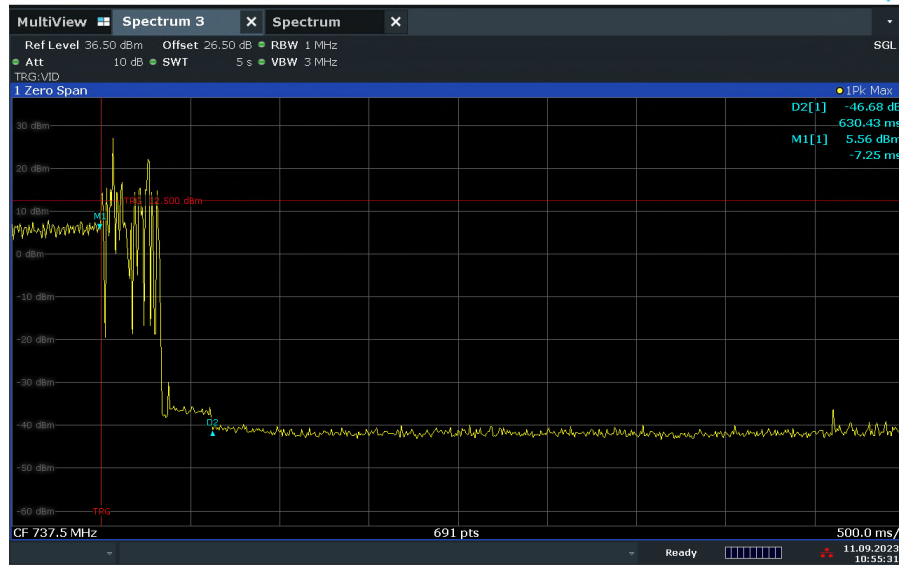
Mitigation Time - LTE Band 5 Uplink 5MHz Bandwidth Mid Channel – Donnor Port.





FCC ID: YETG43-BBBE
IC No.: 9298A-G43BBBE

Mitigation Time - LTE Band 12 Downlink 5MHz Bandwidth Mid Channel – Server Port.



Mitigation Time - LTE Band 12 Uplink 5MHz Bandwidth Mid Channel – Donnor Port.

