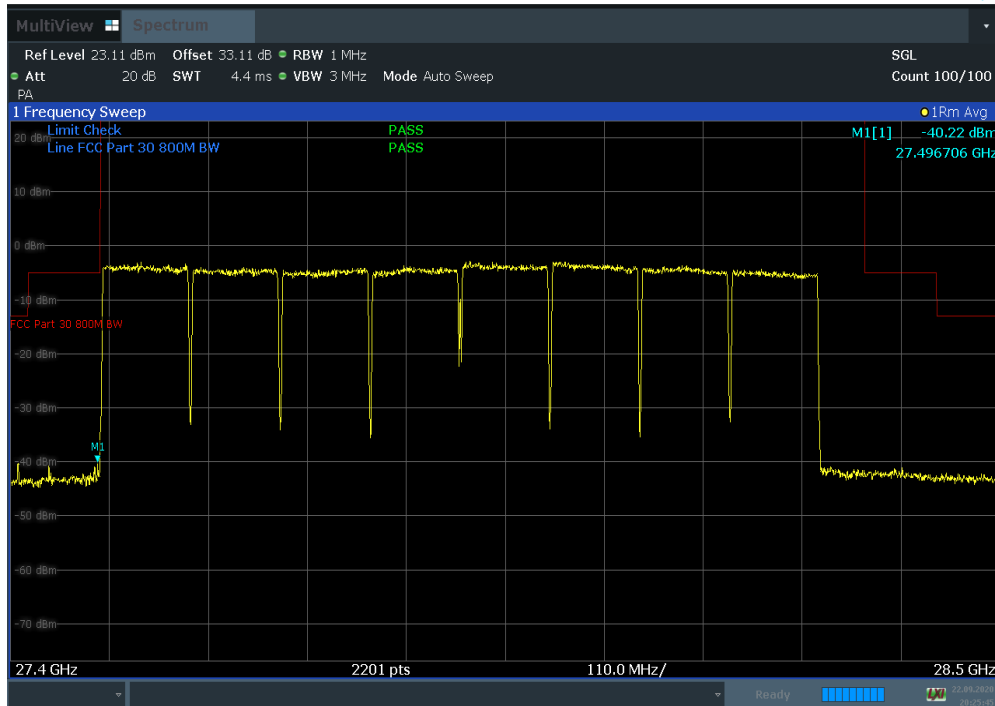
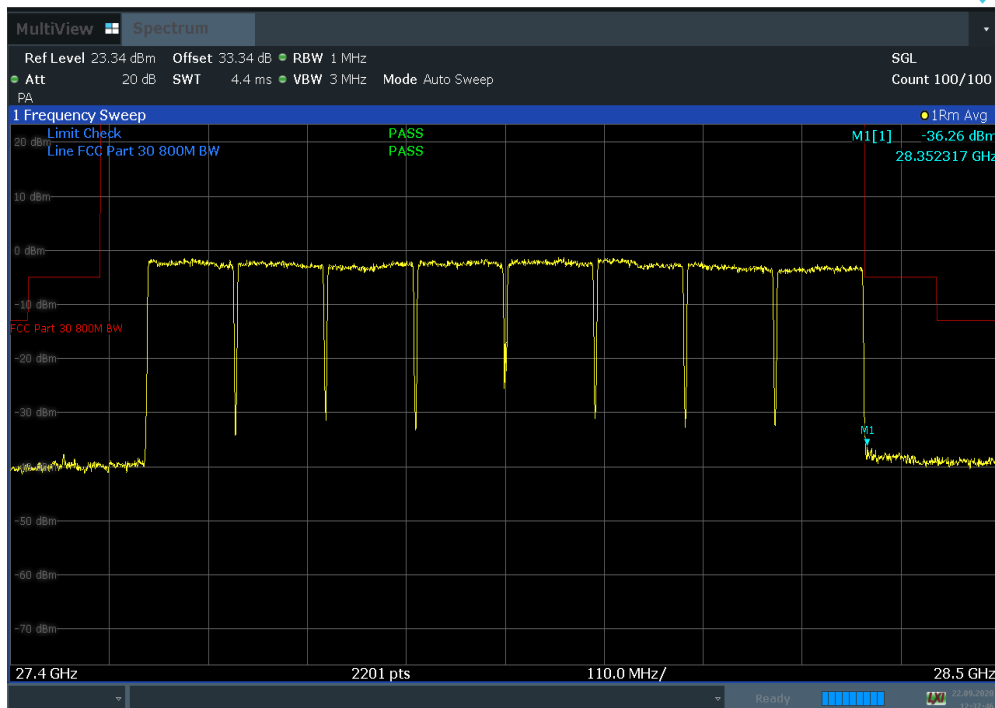


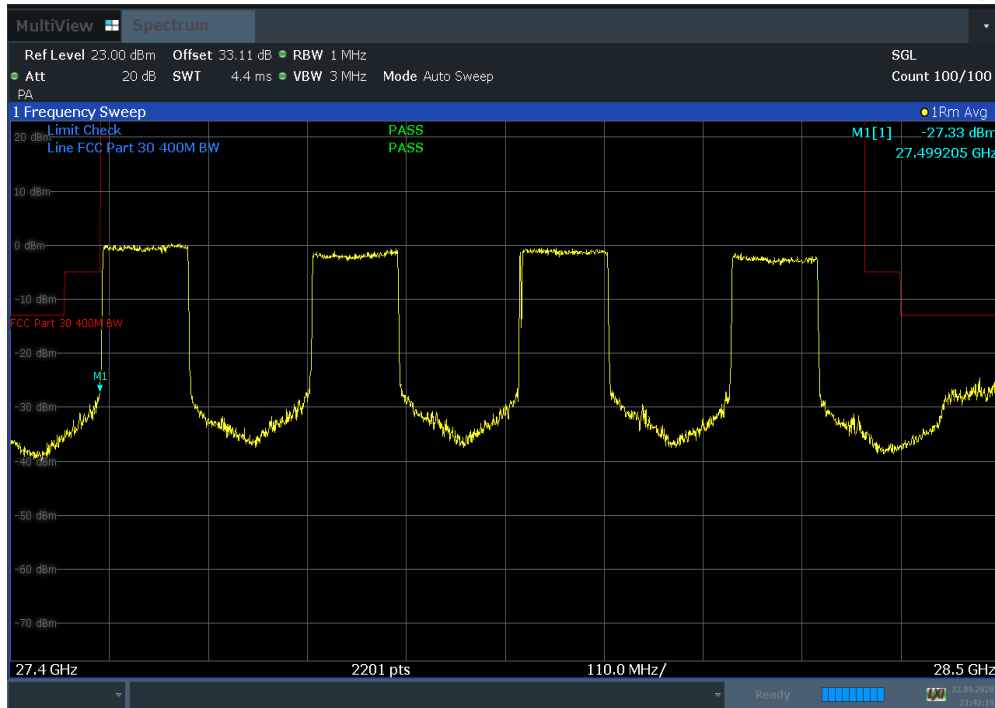


Plot 7-761. Band Edge (Ant D 100 MHz BW 8CC CC QPSK Low)

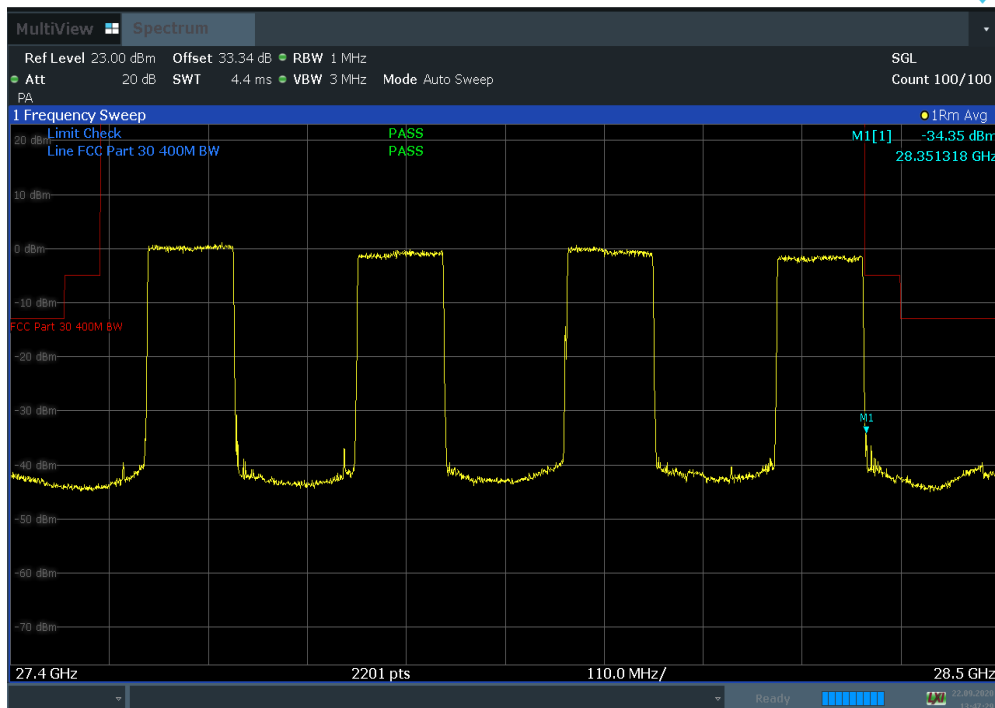


Plot 7-762. Band Edge (Ant D 100 MHz BW 8CC CC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 448 of 469

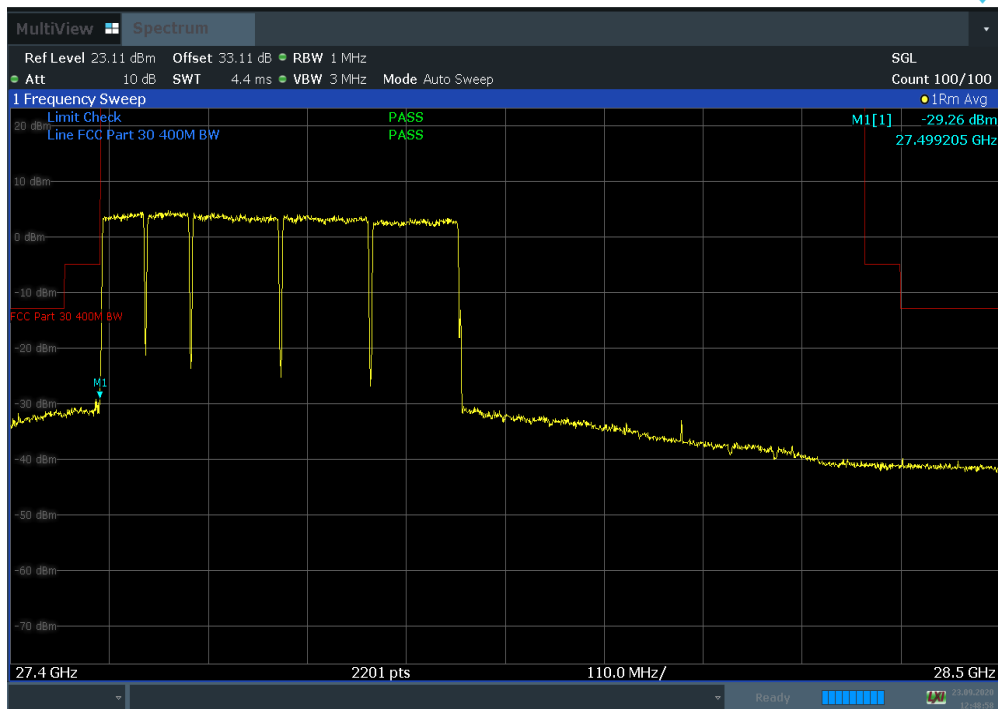


Plot 7-763 Band Edge (Ant D 100 MHz BW 4CC NC QPSK Low)

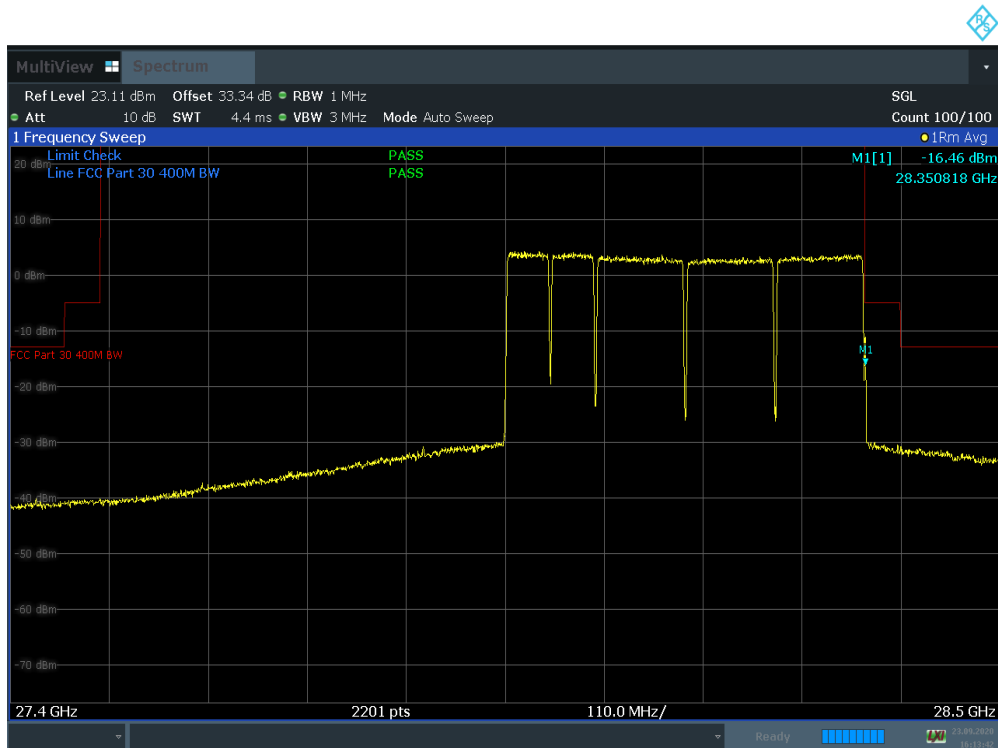


Plot 7-764. Band Edge (Ant D 100 MHz BW 4CC NC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 449 of 469

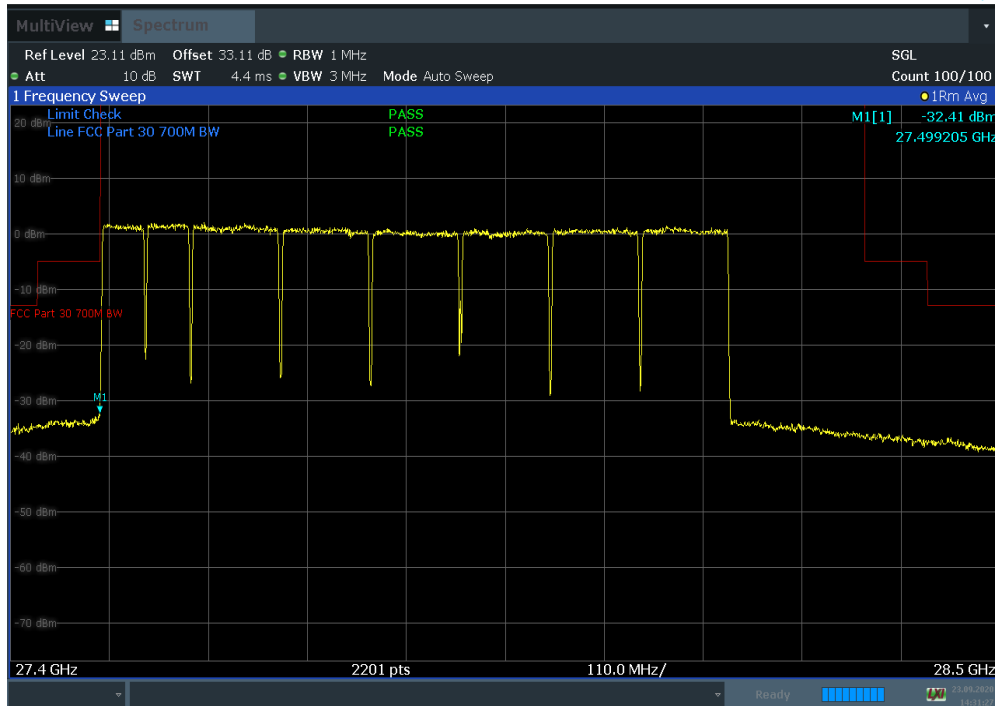


Plot 7-765 Band Edge (Ant D 50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low)

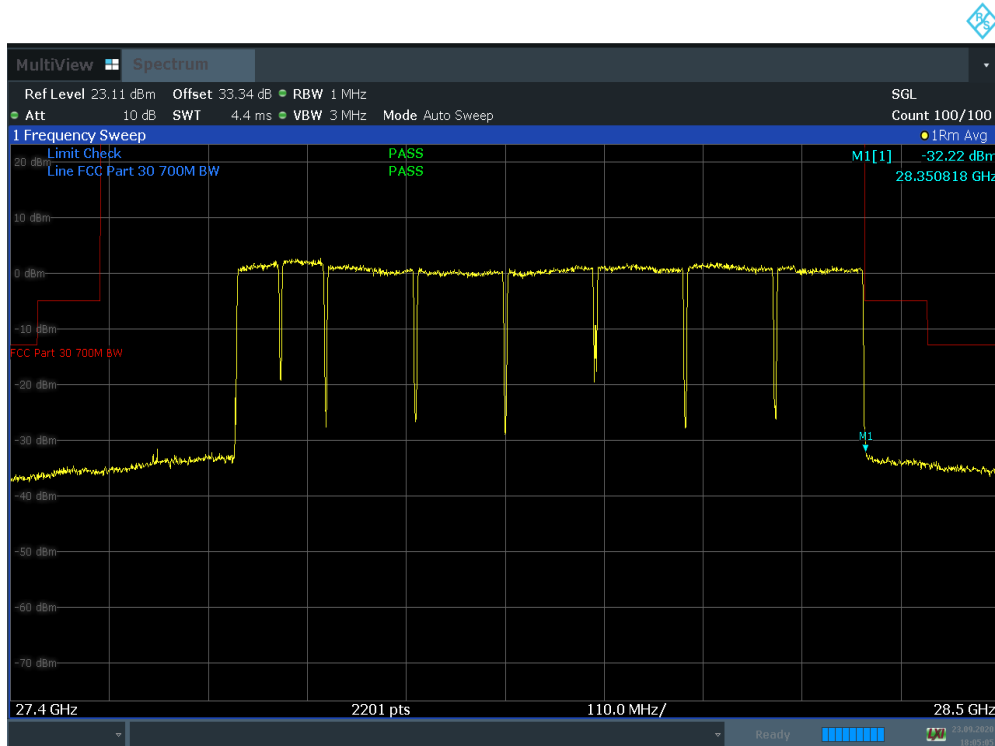


Plot 7-766. Band Edge (Ant D 50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 450 of 469

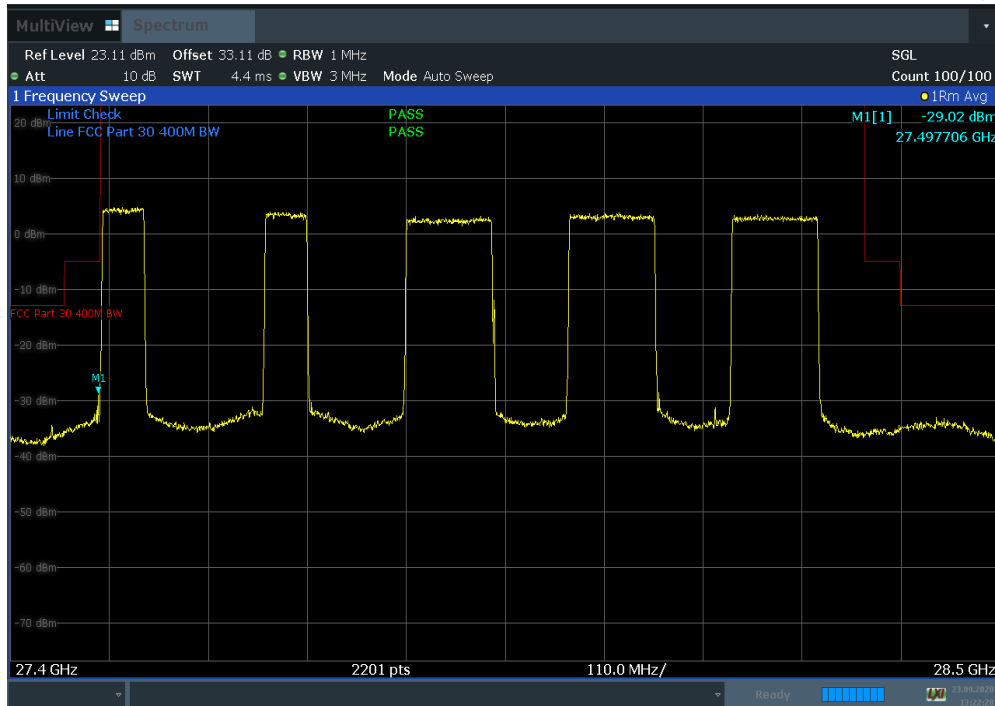


Plot 7-767. Band Edge (Ant D 50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low)

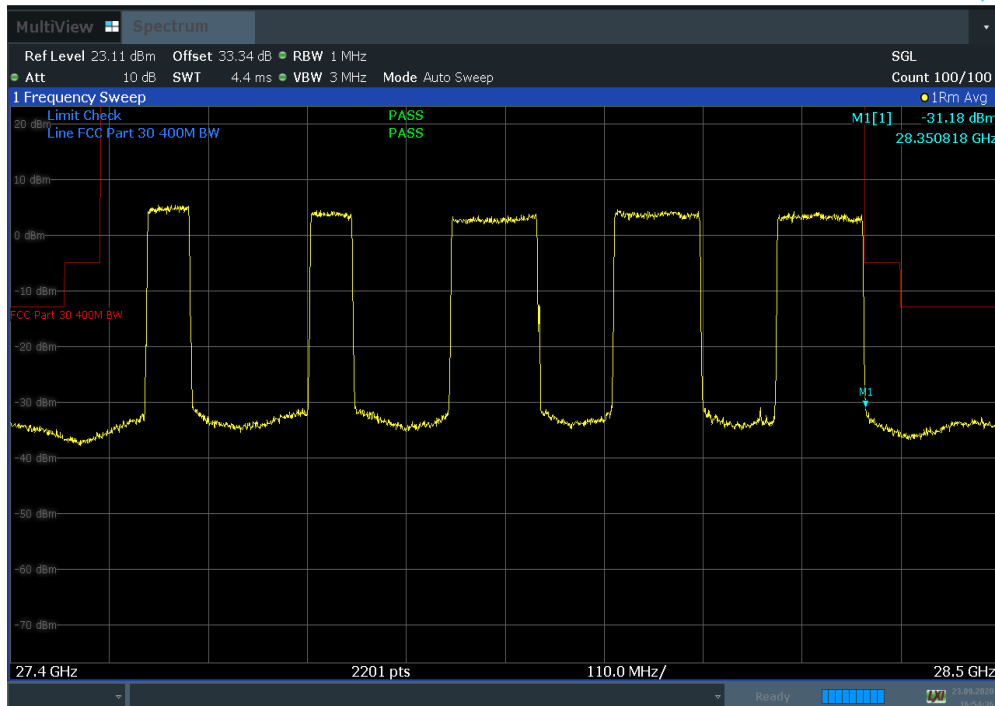


Plot 7-768. Band Edge (Ant D 50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 451 of 469

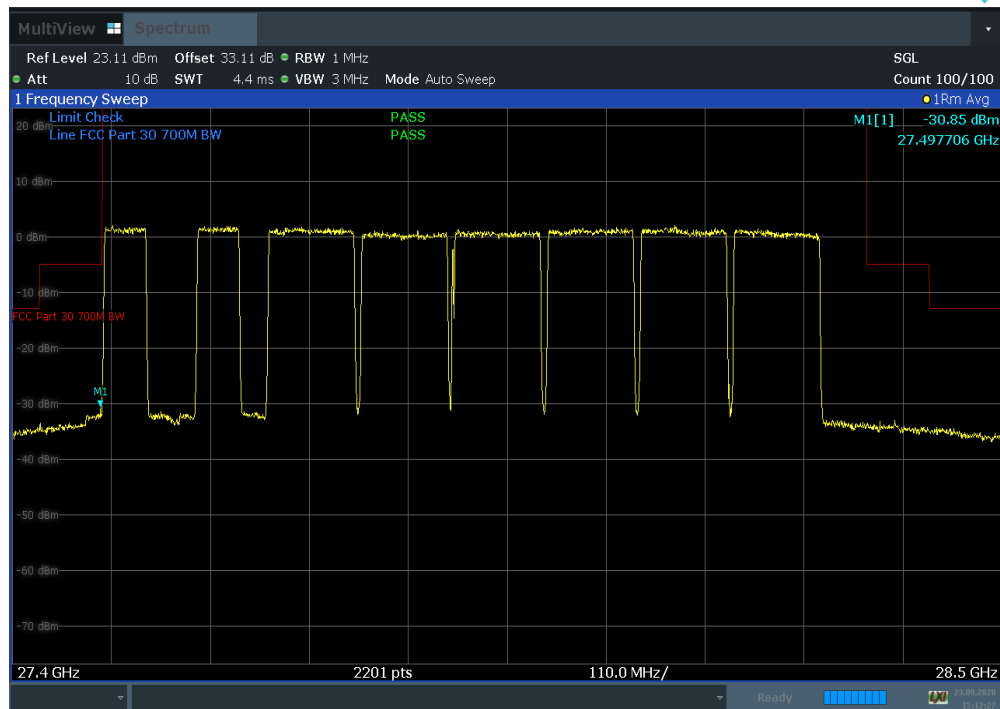


Plot 7-769 Band Edge (Ant D 50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low)

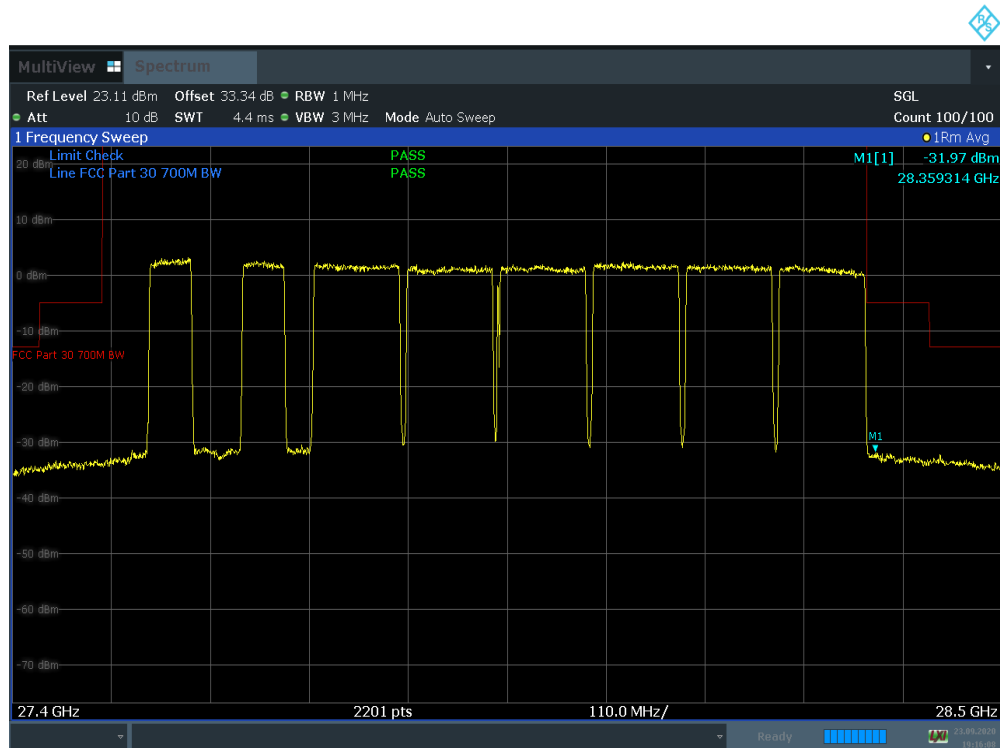


Plot 7-770. Band Edge (Ant D 50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 452 of 469



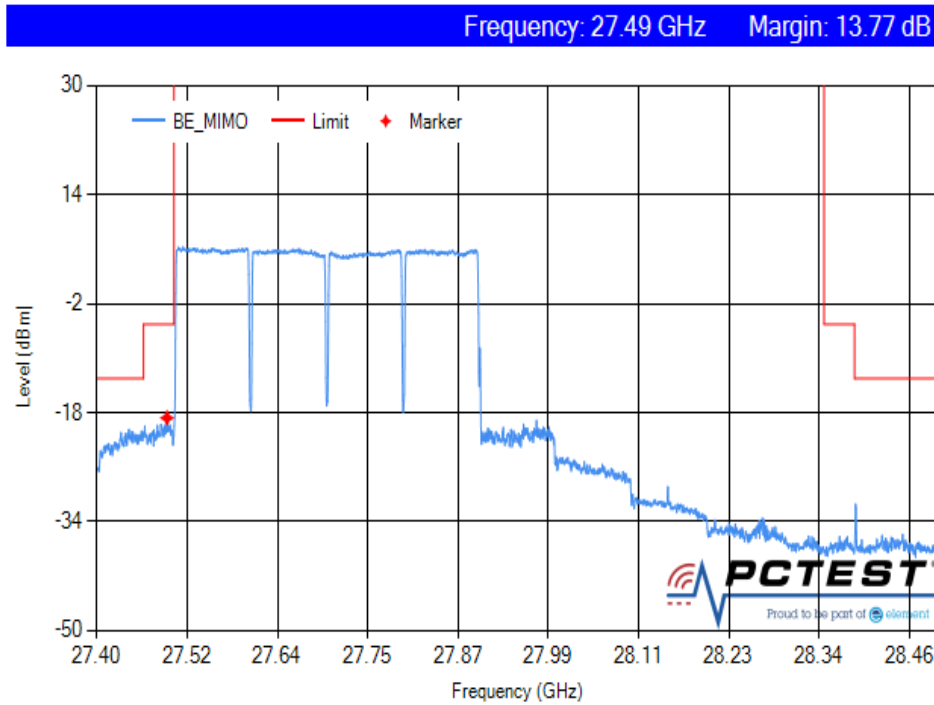
Plot 7-771. Band Edge (Ant D 50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low)



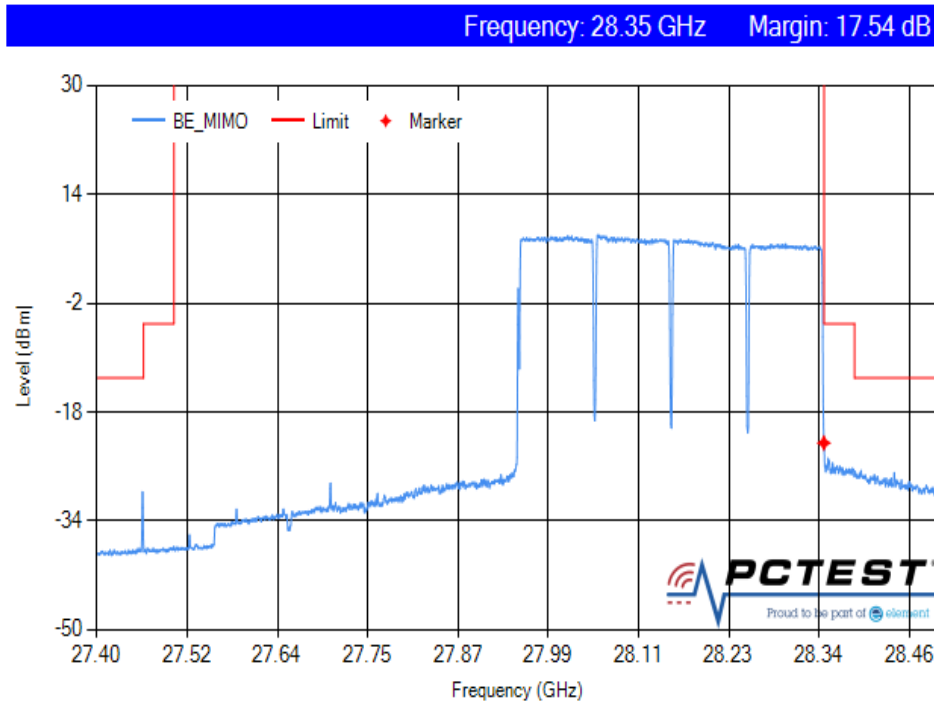
Plot 7-772. Band Edge (Ant D 50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 453 of 469

7.6.6 MIMO Band Edge Maximized on Antenna A/B/C/D

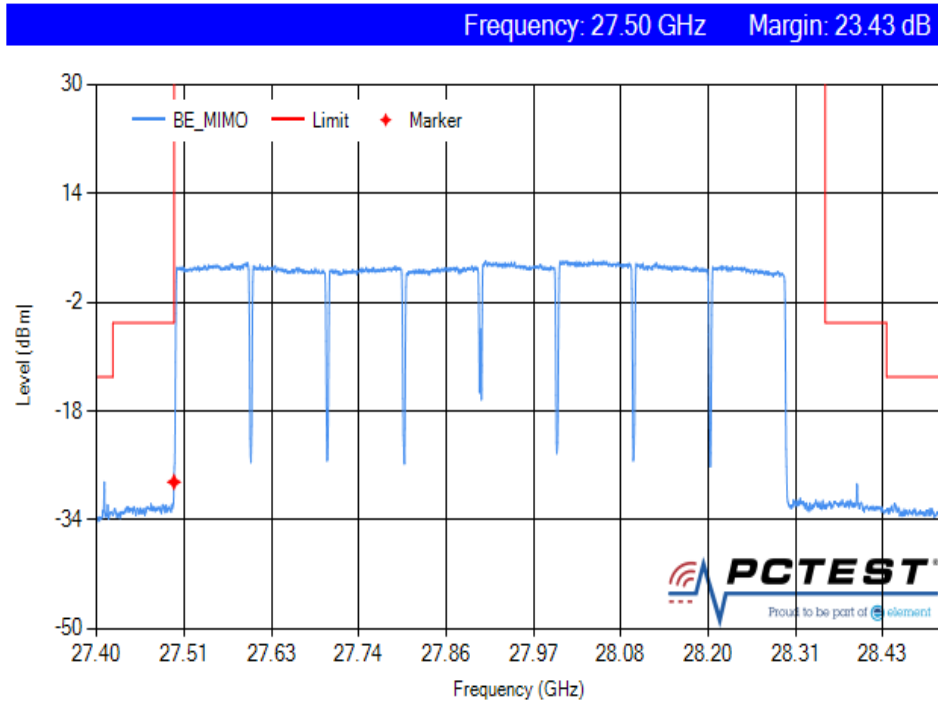


Plot 7-773 Band Edge (MIMO 100 MHz BW 4CC CC QPSK Low)

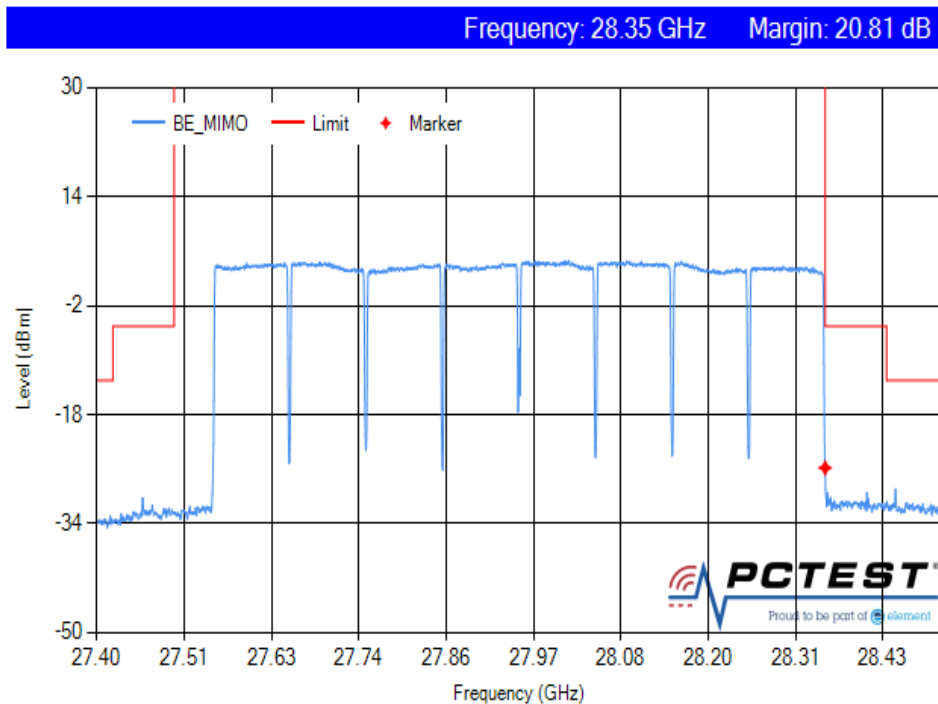


Plot 7-774. Band Edge (MIMO 100 MHz BW 4CC CC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 454 of 469

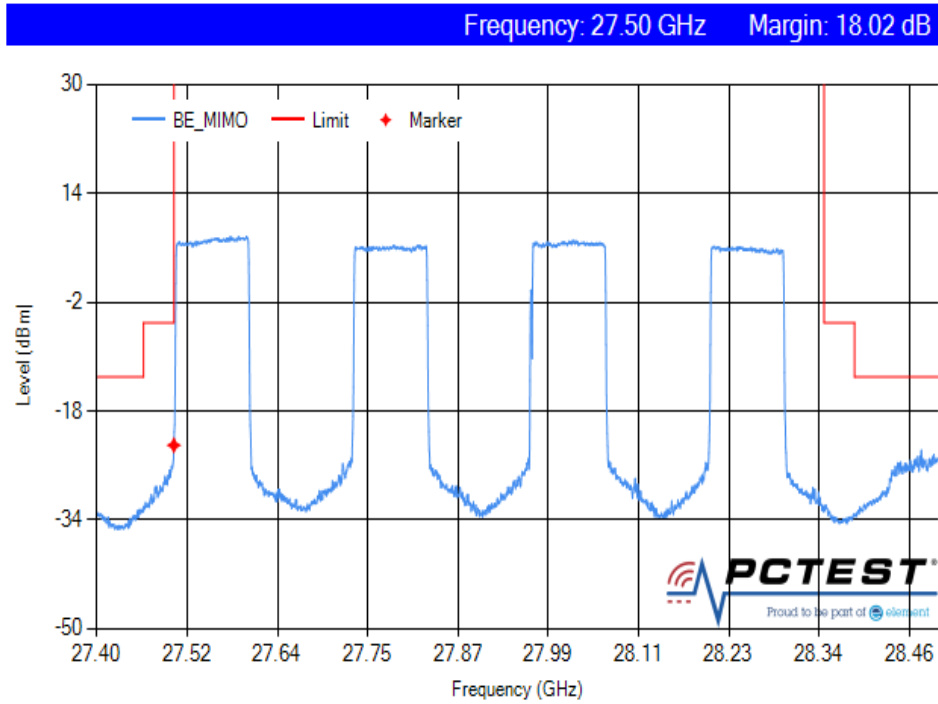


Plot 7-775. Band Edge (MIMO 100 MHz BW 8CC CC QPSK Low)

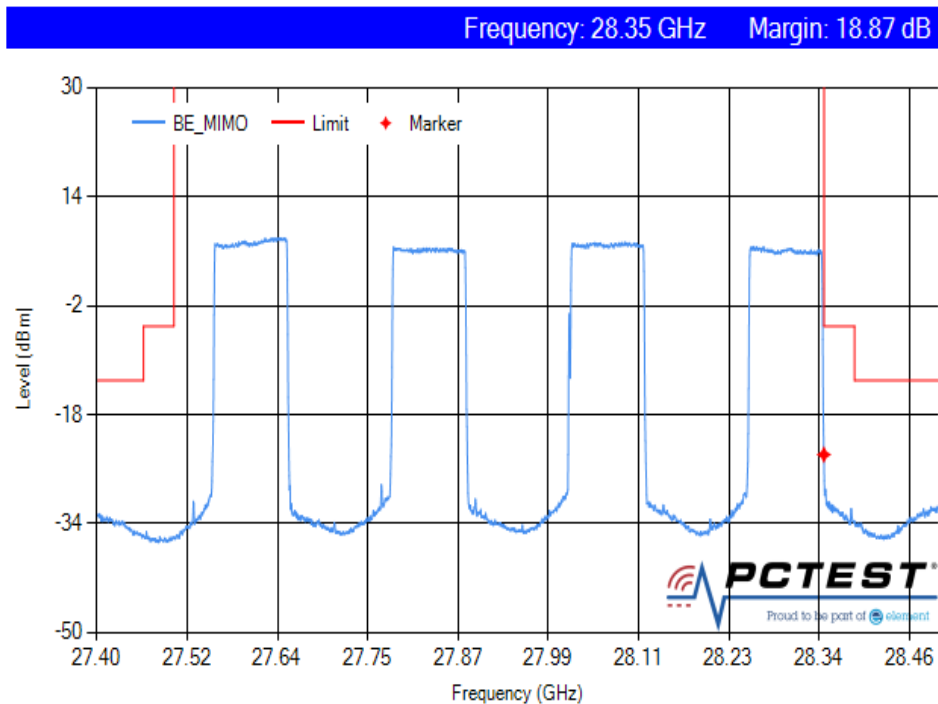


Plot 7-776. Band Edge (MIMO 100 MHz BW 8CC CC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 455 of 469

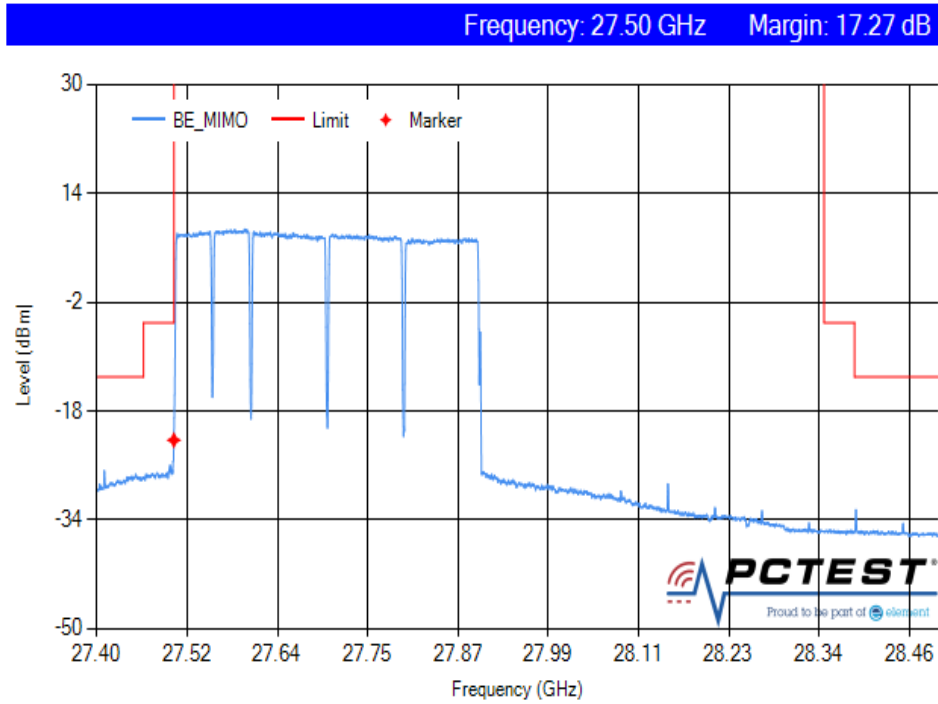


Plot 7-777 Band Edge (MIMO 100 MHz BW 4CC NC QPSK Low)

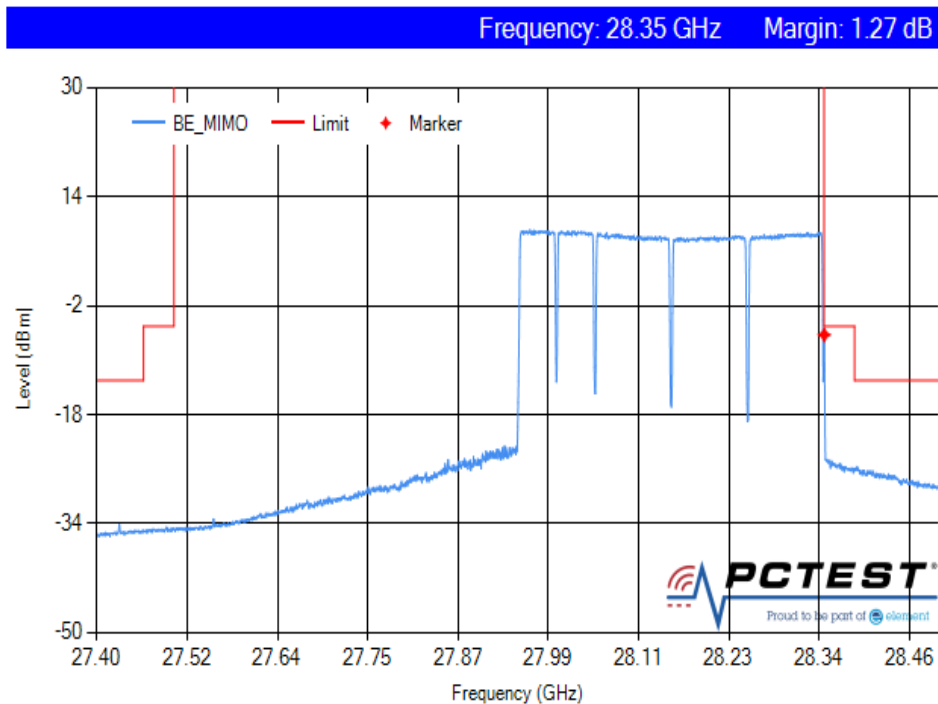


Plot 7-778. Band Edge (MIMO 100 MHz BW 4CC NC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 456 of 469

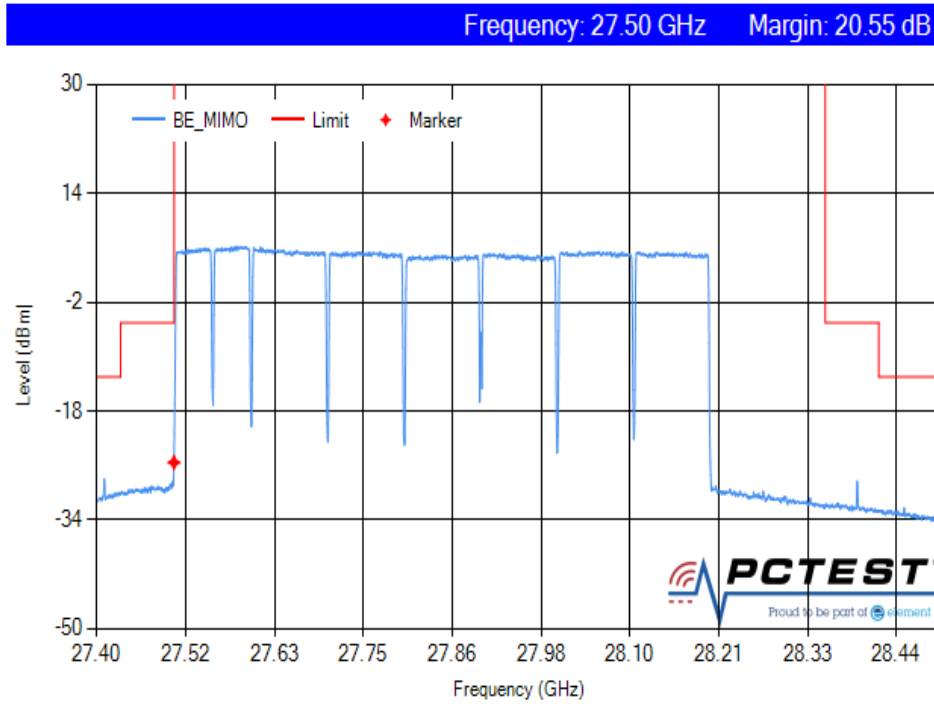


Plot 7-779 Band Edge (MIMO 50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low)

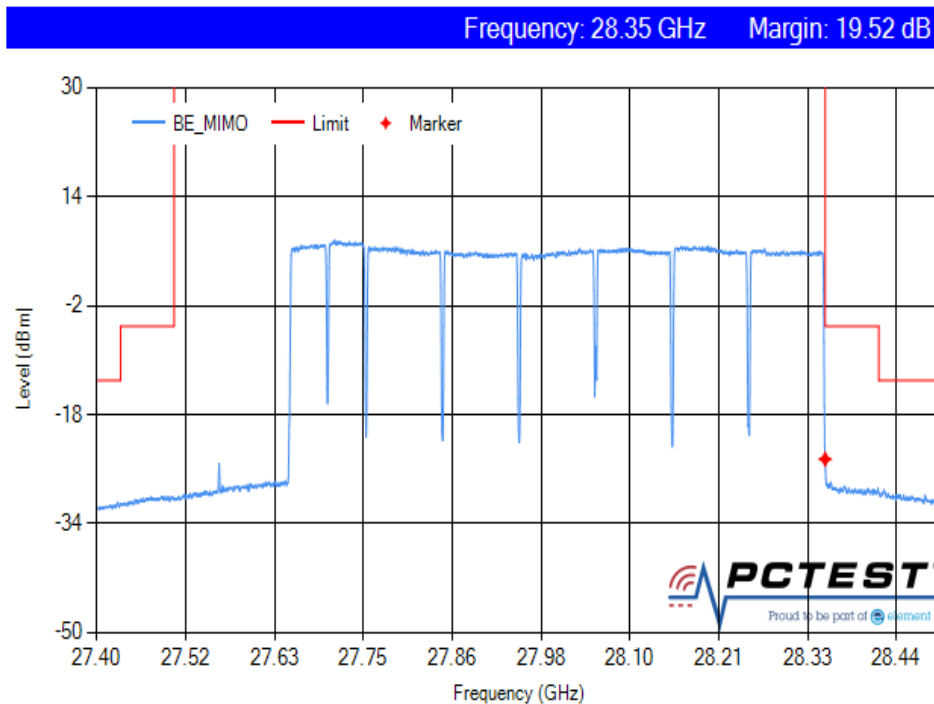


Plot 7-780. Band Edge (MIMO 50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 457 of 469

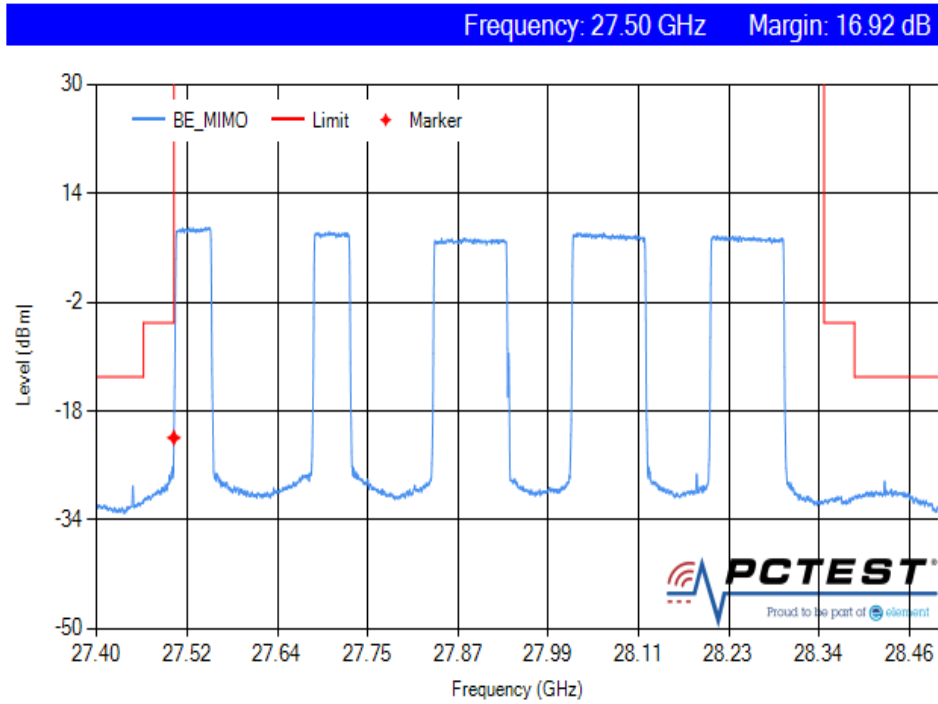


Plot 7-781. Band Edge (MIMO 50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low)

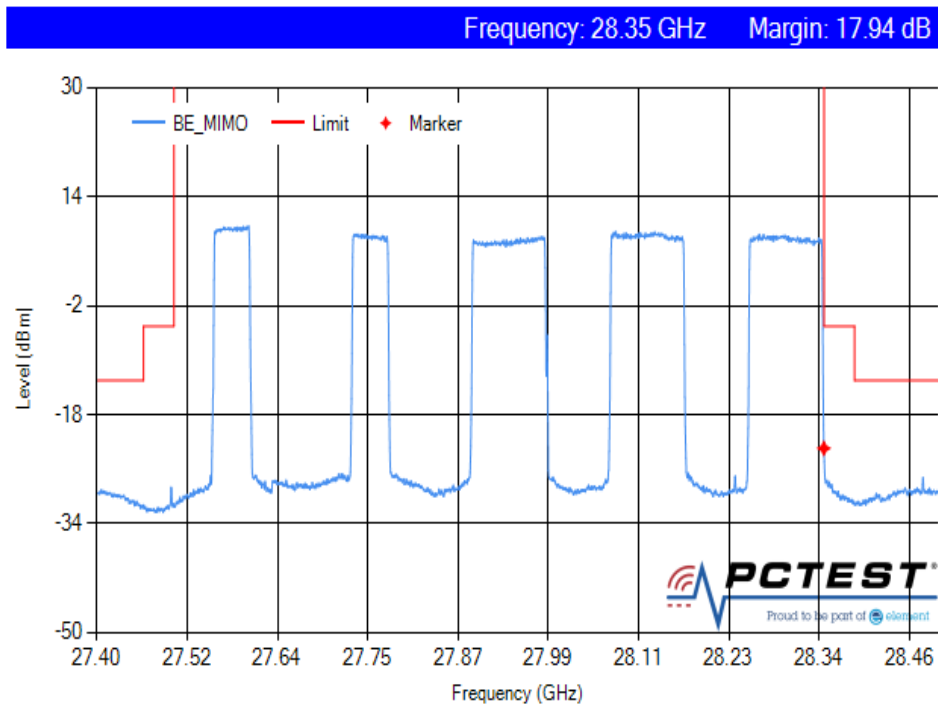


Plot 7-782. Band Edge (MIMO 50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 458 of 469

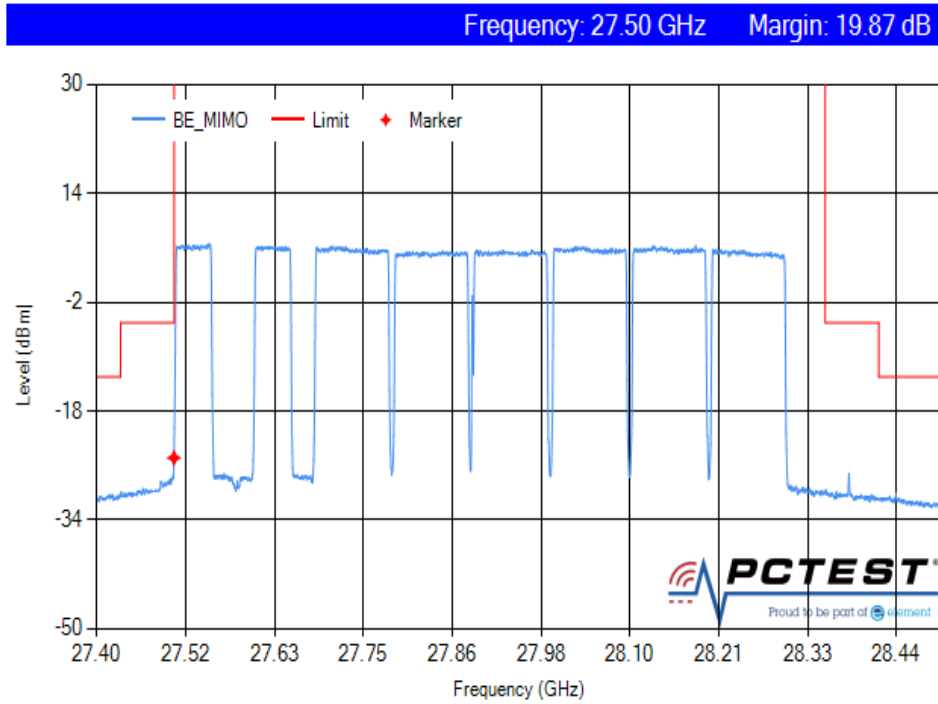


Plot 7-783 Band Edge (MIMO 50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low)

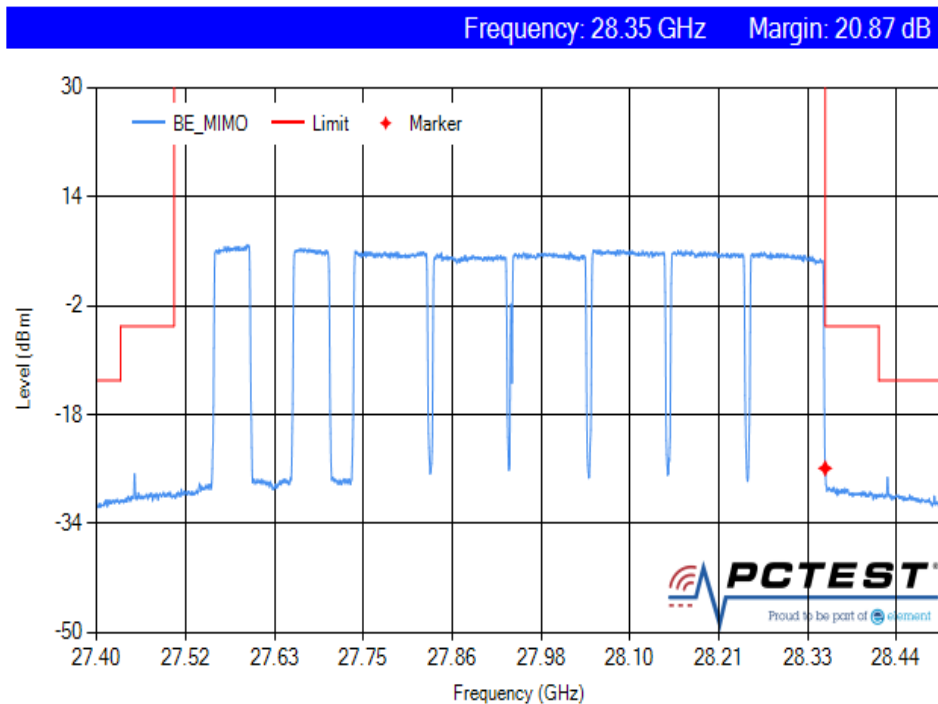


Plot 7-784. Band Edge (MIMO 50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 459 of 469



Plot 7-785. Band Edge (MIMO 50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low)



Plot 7-786. Band Edge (MIMO 50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 460 of 469

7.7 Frequency Stability / Temperature Variation

§2.1055

Test Overview and Limit

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26-2015. The frequency stability of the transmitter is measured by:

- Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- Primary Supply Voltage:** The primary supply voltage is varied from 85 % to 115 % of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

Test Procedure Used

ANSI C63.26-2015 Section 5.6
KDB 842590 D01 v01r01 Section 4.5

Test Settings

- The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
- The equipment is turned on in a “standby” condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
- Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one hour is provided to allow stabilization of the equipment at each temperature level.

Test Setup

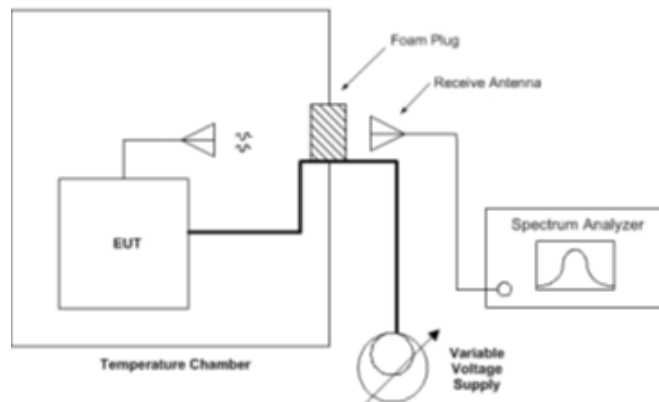


Figure 7-1. Test Instrument & Measurement Setup

The EUT was measured using horn antenna connected to a spectrum analyzer. The EUT was placed inside an environmental chamber.

Test Notes

The Frequency Deviation column in the table below is the amount of deviation measured from the center frequency of the Reference measurement (first row).

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 461 of 469

Frequency Stability Measurements

§2.1055

OPERATING FREQUENCY : 2,792,502,000 Hz

REFERENCE VOLTAGE : -48 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	FREQUENCY (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	-48.00	+ 20 (Ref)	2,792,504,673	0	0.0000000
100 %		- 30	2,792,504,600	-46	-0.0000016
100 %		- 20	2,792,504,597	-49	-0.0000017
100 %		- 10	2,792,504,628	-17	-0.0000006
100 %		0	2,792,504,568	-78	-0.0000028
100 %		+ 10	2,792,504,622	-23	-0.0000008
100 %		+ 20	2,792,504,654	8	0.0000003
100 %		+ 30	2,792,504,657	11	0.0000004
100 %		+ 40	2,792,504,602	-44	-0.0000016
100 %		+ 50	2,792,504,578	-67	-0.0000024
85 %	-40.80	+ 20	2,792,504,646	0	0.0000000
115 %	-55.20	+ 20	2,792,504,658	13	0.0000005

Table 7-23. Frequency Stability Data

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

FCC ID: A3LAT1K04-B10		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 462 of 469

Frequency Stability Measurements

§2.1055

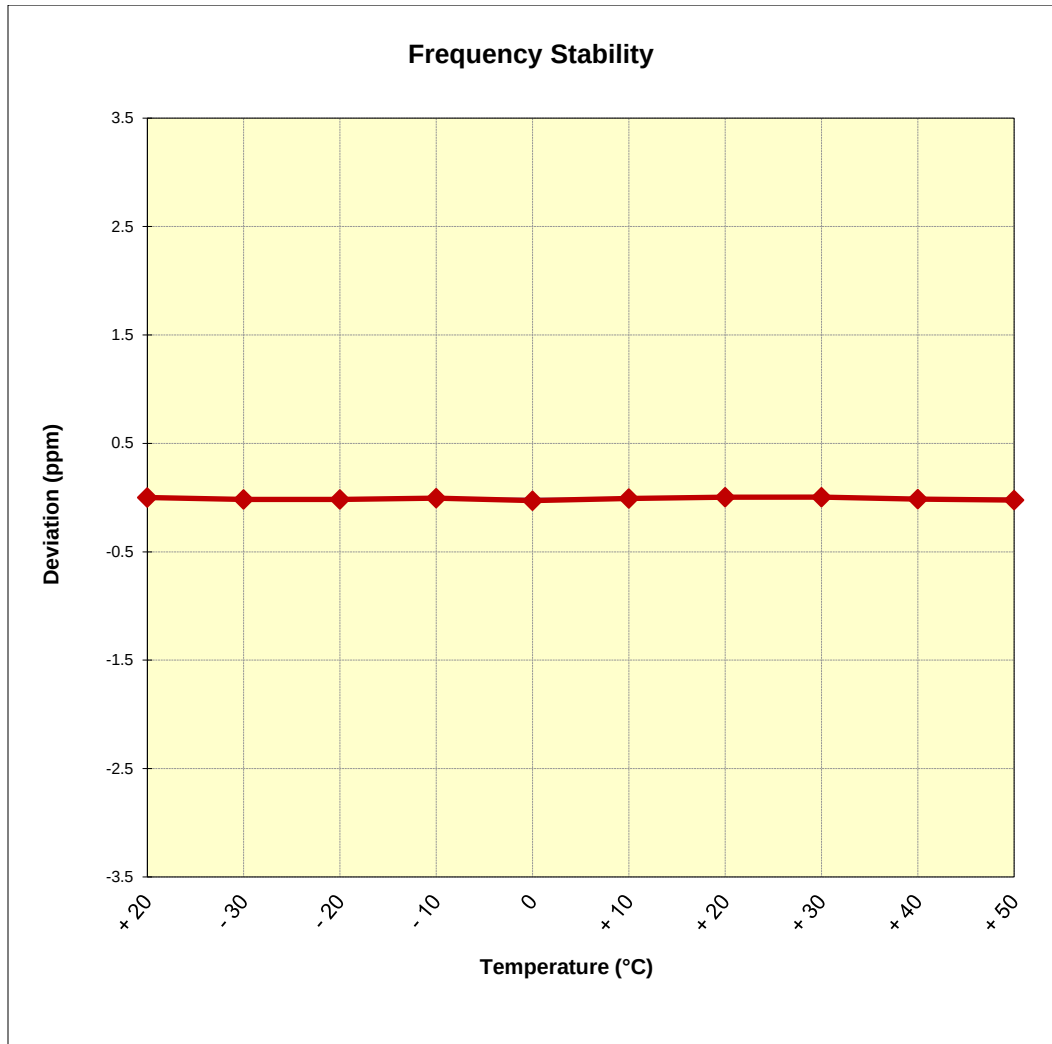


Figure 7-2. Frequency Stability Graph

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2-A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 463 of 469

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung 5G Access Unit Model: AT1K04-B10** complies with all the requirements of Part 30.

FCC ID: A3LAT1K04-B10	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 464 of 469

9.0 APPENDIX A

9.1 HARMONIC MIXER Verification Certificate



교정 성적서

CALIBRATION CERTIFICATE

경기도 여천시 마장면 서이천로 578번길 74
TEL : 031-645-6900, FAX : 031-645-6969



성적서발급번호(Certificate No) : IC-2020-16953
교정번호(Calibration No) : C-2020-020404

페이지(page) : 1 of 3

- 의뢰자 (Client)**
 - 기관명 (Name) : 피씨테스트코리아 주식회사
 - 주소 (Address) : 경기도 용인시 기흥구 흥덕1로 13, 피136, 피137호(영덕동, 흥덕 IT 벨리)
- 측정기 (Calibration Subject)**
 - 기기명 (Description) : HARMONIC MIXER
 - 제조회사 및 형식 (Manufacturer and Model Name) : ROHDE & SCHWARZ / FS-Z60
 - 기기번호 (Serial Number) : 100981
- 교정일자 (Date of Calibration)** : 2020.03.13
- 교정환경 (Environment)**
 - 온도(Temperature) : (22.4 ± 0.4) °C
 - 습도(Humidity) : (46 ± 4) % R.H.
 - 교정장소 (Location) : 고정표준실(Permanent Calibration Lab)
(주소: 경기도 여천시 마장면 서이천로 578번길 74)
- 측정표준의 소급성 (Traceability)**
 - Field code : 40641(RF SPECTRUM ANALYZER)
 - 교정방법 및 소급성 서술 (Calibration method and/or brief description)
상기 기기는 고주파 스펙트럼 분석기의 고정절차(HCT-CS-125-40641)에 따라 국가측정표준기관으로부터 측정의 소급성이 확보된 아래의 표준장비를 이용하여 교정 되었음.
 - 교정에 사용한 표준장비 명세 (List of used standards/specifications)

기기명 (Description)	제조회사 및 형식 (Manufacturer and Model Name)	기기번호 (Serial Number)	차기교정예정일자 (The due date of next Calibration)	교정기관 (Calibration laboratory)
EXG ANALOG SIGNAL GENERATOR	KEYSIGHT N5173B	MY53270544	2020/10/02	(주)에이치시티
EPM SERIES POWER METER	AGILENT E4419B	GB42420565	2020/11/02	(주)에이치시티
POWER SENSOR	AGILENT 8487A	MY41092450	2021/01/15	Keysight Technologies
POWER SENSOR	KEYSIGHT V8486A	MY56330017	2020/12/30	Keysight Technologies
WR-19 MULTIPLIER SOURCE MODULE	OML S19MS-A	160516-1	2020/09/09	(주)에이치시티

- 교정결과 (Calibration result)** : 교정결과 참조 (Refer to attachment)
- 측정불확도 (Measurement uncertainty)** : 교정결과 참조 (Refer to attachment)
신뢰수준 약 95 %, k = 2 (Confidence level about 95 %, k = 2)

확 인 (affirmation)	작성자 (Measurements performed by) 성명 (Name) 박민지	승인자 (Approved by) 직위 (Title) 기술책임자(Technical Cal. Manager) (명)	(인)
	(인)	성명 (Name) 이승찬	(인)

위 성적서는 국제시험기관인정협력체(International Laboratory Accreditation Cooperation) 상호인정협정(Mutual Recognition Arrangement)에 서명한 한국인정기구(KOLAS)로부터 공인 받은 분야의 교정결과입니다.

2020. 03. 16

한국인정기구 인칭
Accredited by KOLAS, Republic of KOREA

(주)에이치시티 대표이사
President, HCT Co., Ltd.

※ 이 성적서는 측정기의 정밀정확도에 영향을 미치는 요소(과부하, 온도, 습도 등)의 급격한 변화가 발생한 경우에는 무효가 됩니다.
 ※ 고객진흥사이트(<http://www.callab.co.kr>)에서 성적서의 진위여부 확인이 가능합니다.
 ※ 성적서의 원본은 상단에 HCT로고그램이 들어간 워터마크 방지 용지에 인쇄되어 발급되며, 원본 복사시에는 복사본이라는 표시가 처리됩니다.

F-02P-02-008 (Rev.02)

FCC ID: A3LAT1K04-B10		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 465 of 469



교정 성적서 CALIBRATION CERTIFICATE



성적서발급번호(Certificate No) : IC-2019-72539
교정번호(Calibration No) : C-2019-084261

페이지(page) : 1 of 3

- 1. 의뢰자 (Client)**
 - 기관명 (Name) : 피씨테스트코리아 주식회사
 - 주소 (Address) : 경기도 용인시 기흥구 흥덕1로 13, 피136, 피137호(영덕동, 흥덕 IT 벨리)
- 2. 측정기 (Calibration Subject)** ◇ 등록번호 : 369548
 - 기기명 (Description) : HARMONIC MIXER
 - 제작회사 및 형식 (Manufacturer and Model Name) : ROHDE & SCHWARZ / FS-Z90
 - 기기번호 (Serial Number) : 101860
- 3. 교정일자 (Date of Calibration)** : 2019.10.23

- 4. 교정환경 (Environment)**
 - 온도(Temperature) : (22.5 ± 0.3) °C - 습도(Humidity) : (45 ± 3) % R.H.
 - 교정장소 (Location) : 고정표준실(Permanent Calibration Lab)

- 5. 측정표준의 소급성 (Traceability)** ◇Field code : 40641(RF SPECTRUM ANALYZER)

교정방법 및 소급성 서술 (Calibration method and/or brief description)

상기 기기는 고주파 스펙트럼 분석기의 교정절차(HCT-CS-125-40641)에 따라 국가측정표준기관으로부터 측정의 소급성이 확보된 아래의 표준장비를 이용하여 교정 되었음.

교정에 사용한 표준장비 명세 (List of used standards/specifications)

기기명 (Description)	제작회사 및 형식 (Manufacturer and Model Name)	기기번호 (Serial Number)	차기교정예정일자 (The due date of next Calibration)	교정기관 (Calibration laboratory)
EXG ANALOG SIGNAL GENERATOR	KEYSIGHT N5173B	MY53270544	2020/10/02	(주)에이치시티
EPM SERIES POWER METER	AGILENT E4419B	GB42420565	2019/11/01	(주)에이치시티
POWER SENSOR	KEYSIGHT V8486A	MY56330017	2019/12/27	Keysight Technologies
POWER SENSOR	KEYSIGHT W8486A	MY56370005	2019/12/27	Keysight Technologies
WR-12 MULTIPLIER SOURCE MODULE	OML S12MS-A	160419-1	2020/09/09	(주)에이치시티

- 6. 교정결과 (Calibration result)** : 교정결과 참조 (Refer to attachment)

- 7. 측정불확도 (Measurement uncertainty)** : 교정결과 참조 (Refer to attachment)

신뢰수준 약 95 %, k = 2 (Confidence level about 95 %, k = 2)

확인 (affirmation)	작성자 (Measurements performed by)	승인자 (Approved by)
	성명 (Name) 박민지	직위 (Title) 기술책임자(Technical Cal. Manager) (명) 성명 (Name) 이승찬

위 성적서는 국제시험기관인정협력체(International Laboratory Accreditation Cooperation) 상호인정협정(Mutual Recognition Arrangement)에 서명한 한국인정기구(KOLAS)로부터 공인 받은 분야의 교정결과입니다.

2019. 10. 23

한국인정기구 인정
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주에이치시티 대표이사
President, HCT Co., Ltd.



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※ 고객진흥사이드(http://www.callab.co.kr)에서 성적서의 정위여부 확인이 가능합니다.

※ 성적서의 원본은 상단에 HCT로고영상이 들어간 위변조 방지 용지에 인쇄되어 발급되며, 원본 복사시에는 복사본이라는 표시가 처리됩니다.

F-02P-02-008 (Rev.02)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 466 of 469



교정 성적서 CALIBRATION CERTIFICATE

경기도 아현시 마장면 서이천로 578번길 74
TEL : 031-645-6900, FAX : 031-645-6989



성적서발급번호(Certificate No) : IC-2020-16950

교 정 번 호(Calibration No) : C-2020-020401

페이지(page) : 1 of 3

1. 의뢰자 (Client)

- 기관명 (Name) : 피씨테스트코리아 주식회사
- 주소 (Address) : 경기도 용인시 기흥구 흥덕1로 13, 피136, 피137호(영덕동, 흥덕 IT 밸리)

2. 측정기 (Calibration Subject)

◇ 등록번호 : 380381

- 기기명 (Description) : HARMONIC MIXER
- 제작회사 및 형식 (Manufacturer and Model Name) : ROHDE & SCHWARZ / FS-Z140
- 기기번호 (Serial Number) : 101135

3. 교정일자 (Date of Calibration) : 2020.03.13

4. 교정환경 (Environment)

- 온도(Temperature) : (22.4 ± 0.4) °C 습도(Humidity) : (46 ± 4) % R.H.
- 교정장소 (Location) : 고정표준실(Permanent Calibration Lab)
(주소: 경기도 아현시 마장면 서이천로 578번길 74)

5. 측정표준의 소급성 (Traceability) ◇Field code : 40641(RF SPECTRUM ANALYZER)

교정방법 및 소급성 서술 (Calibration method and/or brief description)

상기 기기는 고주파 스펙트럼 분석기의 고정절차(HCT-CS-125-40641)에 따라 국가측정표준기관으로부터 측정의 소급성이 확보된 아래의 표준장비를 이용하여 교정 되었음.

교정에 사용한 표준장비 명세 (List of used standards/specifications)

기기명 (Description)	제작회사 및 형식 (Manufacturer and Model Name)	기기번호 (Serial Number)	차기교정예정일자 (The due date of next Calibration)	교정기관 (Calibration laboratory)
EXG ANALOG SIGNAL GENERATOR	KEYSIGHT N5173B	MY53270544	2020/10/02	(주)에이치시티
EPM SERIES POWER METER	AGILENT E4419B	GB42420565	2020/11/02	(주)에이치시티
POWER SENSOR	KEYSIGHT W8486A	MY56370005	2020/12/30	Keysight Technologies
WR-08 MULTIPLIER SOURCE MODULE	OML S08MS-A	164019-1	2020/09/09	(주)에이치시티

6. 교정결과 (Calibration result)

: 교정결과 참조 (Refer to attachment)

7. 측정불확도 (Measurement uncertainty)

: 교정결과 참조 (Refer to attachment)

신뢰수준 약 95 %, $k = 2$ (Confidence level about 95 %, $k = 2$)

확 인 (affirmation)	작성자 (Measurements performed by)	승인자 (Approved by)
	성명 (Name) 박민지	직위 (Title) 기술책임자(Technical Cal. Manager) (3)
		성명 (Name) 이승찬

위 성적서는 국제시험기관인정협력체(International Laboratory Accreditation Cooperation) 상호인정협정(Mutual Recognition Arrangement)에 서명한 한국인정기구(KOLAS)로부터 공인 받은 분야의 교정결과입니다.

2020. 03. 16

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(주)에이치시티 대표이사
President, HCT Co., Ltd.



(※ 이 성적서는 측정기의 정밀정확도에 영향을 미치는 요소(과부하, 온도, 습도 등)의 급격한 변화가 발생한 경우에는 무효가 됩니다.)

(※ 고객전용사이트(http://www.callab.co.kr)에서 성적서의 진위여부 확인이 가능합니다.)

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F-02P-02-008 (Rev.02)

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10.0 APPENDIX B

10.1 Introduction (KDB 484596 Section 3 a)

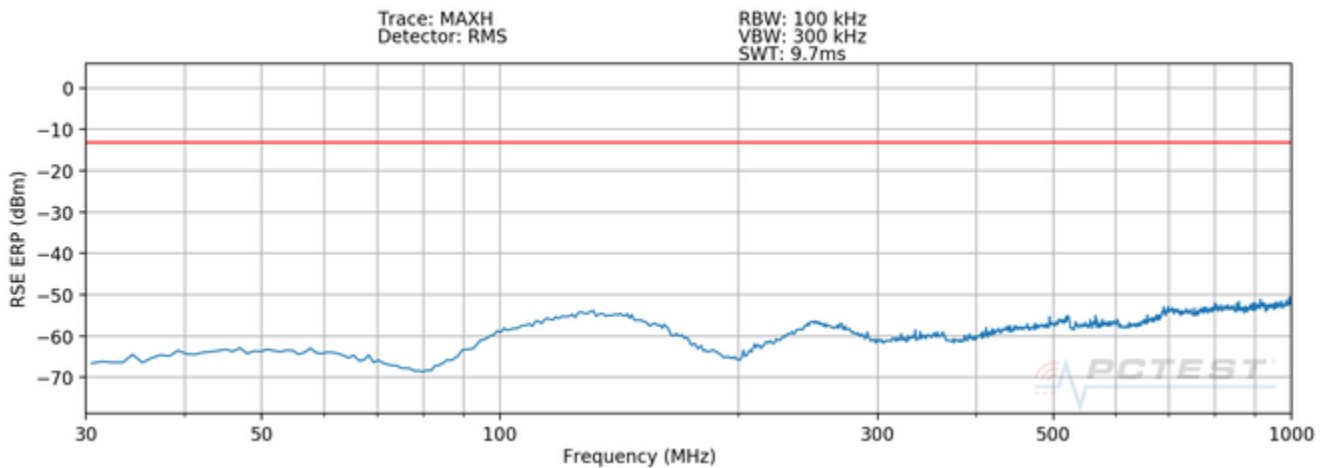
The applicant takes full responsibility that the test data as referenced FCC ID: A3LAT1K04-B00 represents compliance for FCC ID: A3LAT1K04-B10.

10.2 Explain the Differences (KDB 484596 Section 3 b)

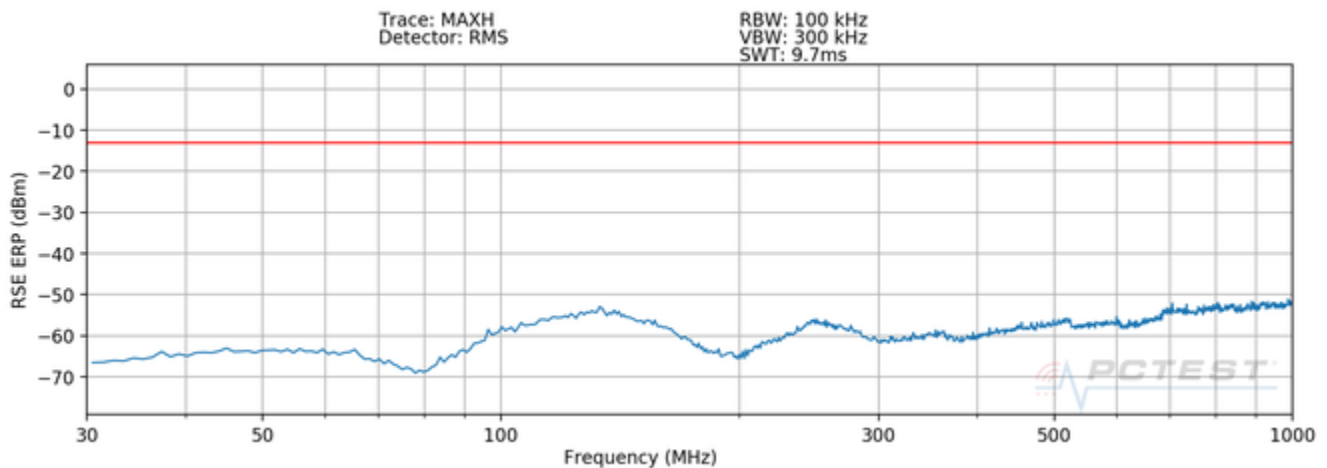
FCC ID A3LAT1K04-B00 is powered by AC voltage source. For A3LAT1K04-B10 is powered by DC voltage source which is only different power supply condition that no affect to RF parameters because other components are identical except for power supply.

10.3 Spot Check Verification Data (KDB 484596 Section 3 c)

Spot check verification is adopted to below 1GHz Radiated emission test case which only affect to emission changing due to power supply difference. However, there is no emission detected. Thus, FCC ID A3LAT1K04-B00 and FCC ID A3LAT1K04-B10 test result can be identical because both are using same RF components.



Plot 10-1. A3LAT1K04-B10 Radiated Spurious Plot 30 MHz-1 GHz (8CC QPSK Mid Ch. Ant. Pol. H)



Plot 10-2. A3LAT1K04-B10 Radiated Spurious Plot 30 MHz-1 GHz (8CC QPSK Mid Ch. Ant. Pol. V)

FCC ID: A3LAT1K04-B10	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
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10.4 Reference Section (KDB 484596 Section 3 d)

A matrix has been provided the source data for rule part, frequency range, and emission designator as required by KDB 484596:

Rule Part	Frequency Range(MHz)	Emission Designator	Source Data FCC ID	Exhibit Name(s)
30	27500 - 28350	46M6G7D 46M5W7D 95M0G7D 94M5W7D 94M7W7D 95M5MG7D 95M5MW7D 786MG7D 787MW7D 786MW7D	A3LAT1K04-B00	12. FCC RF Test Report 13. MPE Test Report

FCC ID: A3LAT1K04-B10		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 8K20090901-02-R2.A3L	Test Dates: 09/10/2020-10/08/2020	EUT Type: 5G Access Unit		Page 469 of 469