



CERTIFICATION TEST REPORT

Report Number. : 13018918-E4V2

Applicant : APPLE, INC.
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

Model : A2296

FCC ID : BCG-E3501A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 15 SUBPART E

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REPORT REVISION HISTORY

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: APPLE, INC.
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

EUT DESCRIPTION: SMARTPHONE

MODEL: A2296

SERIAL NUMBER: FFMZW00APM7C, FFMZW06XPM62

DATE TESTED: AUGUST 27, 2019 – JANUARY 31, 2020

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 Part 15 Subpart E	Complies

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of the U.S. government.

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC CFR 47 Part 2, FCC CFR 47 Part 15, FCC KDB 662911 D01 v02r01, FCC KDB 789033 D02 v02r01, FCC KDB 644545 D03 v01, ANSI C63.10-2013, RSS-GEN Issue 5, and RSS-247 Issue 2.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, and 47658 Kato Road, Fremont, California, USA. Line conducted emissions are measured only at the 47173 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

47173 Benicia Street	47266 Benicia Street	47658 Kato Rd.
☐ Chamber A (IC:2324B-1)	☒ Chamber D (IC:22541-1)	☐ Chamber I (IC: 2324A-5)
☐ Chamber B (IC:2324B-2)	☒ Chamber E (IC:22541-2)	☐ Chamber J (IC: 2324A-6)
☐ Chamber C (IC:2324B-3)	☒ Chamber F (IC:22541-3)	☐ Chamber K (IC: 2324A-1)
	☒ Chamber G (IC:22541-4)	☐ Chamber L (IC: 2324A-3)
	☒ Chamber H (IC:22541-5)	☐ Chamber M (IC: 2324A-2)

The above test sites and facilities are covered under FCC Test Firm Registration # 208313. Chambers above are covered under Industry Canada company address and respective code.

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0

4. DECISION RULES AND MEASUREMENT UNCERTAINTY

4.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

4.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U _{LAB}
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.39 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.07 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.52 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	4.88 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.24 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.37 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.17 dB

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. EUT DESCRIPTION

EUT is a smartphone with multimedia functions (music, application support, and video), cellular GSM, GPRS, EGPRS, UMTS, LTE, TD-SCDMA, CDMA, IEEE 802.11a/b/g/n/ac/ax, Bluetooth, GPS and NFC. All models support at least one UICC based SIM. The second SIM, if present, is either UICC based pSIM (physical SIM) or e-SIM (electronic SIM). The device has a built-in inductive charging receiver. The rechargeable battery is also not user accessible

5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum conducted output power as follows:

5.2 GHz BAND (FCC)

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
5.2 GHz band, 1TX			
5180-5240	802.11a	Covered by 802.11n HT20 1TX	
5180-5240	802.11n HT20	20.61	115.08
5190-5230	802.11n HT40	20.64	115.88
5180-5240	802.11ac VHT20	Covered by 802.11n HT20 1TX	
5190-5230	802.11ac VHT40	Covered by 802.11n HT40 1TX	
5210	802.11ac VHT80	14.15	26.00
5180-5240	802.11ax HE20	20.64	115.88
5190-5230	802.11ax HE40	20.70	117.49
5210	802.11ax HE80	12.72	18.71
5.2 GHz band, 2TX			
5180-5240	802.11n HT20 CDD	20.44	110.66
5180-5240	802.11n HT20 SDM/STBC	Covered by 802.11n HT20 2TX CDD	
5190-5230	802.11n HT40 CDD	21.59	144.21
5190-5230	802.11n HT40 SDM/STBC	Covered by 802.11n HT40 2TX CDD	
5180-5240	802.11ac VHT20 SDM/STBC/CDD	Covered by 802.11n HT20 2TX CDD	
5190-5230	802.11ac VHT40 SDM/STBC/CDD	Covered by 802.11n HT40 2TX CDD	
5210	802.11ac VHT80 CDD	16.70	46.77
5210	802.11ac VHT80 SDM/STBC	Covered by 802.11ac VHT80 2TX CDD	
5180-5240	802.11ax HE20 OFDMA	20.45	110.92
5190-5230	802.11ax HE40 OFDMA	21.52	141.91
5210	802.11ax HE80 OFDMA	15.22	33.27

5.3 GHz BAND (FCC)

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
5.3 GHz band, 1TX			
5260 - 5320	802.11a	Covered by 802.11n HT20 1TX	
5260 - 5320	802.11n HT20	20.64	115.88
5270 - 5310	802.11n HT40	20.87	122.26
5260 - 5320	802.11ac VHT20	Covered by 802.11n HT20 1TX	
5270 - 5310	802.11ac VHT40	Covered by 802.11n HT40 1TX	
5290	802.11ac VHT80	14.66	29.24
5260 - 5320	802.11ax HE20	20.66	116.41
5270 - 5310	802.11ax HE40	20.65	116.14
5290	802.11ax HE80	13.22	20.99
5.3 GHz band, 2TX			
5260 - 5320	802.11n HT20 CDD	19.98	99.54
5260 - 5320	802.11n HT20 SDM/STBC	Covered by 802.11n HT20 2TX CDD	
5270 - 5310	802.11n HT40 CDD	21.27	133.97
5270 - 5310	802.11n HT40 SDM/STBC	Covered by 802.11n HT40 2TX CDD	
5260 - 5320	802.11ac VHT20 SDM/STBC/CDD	Covered by 802.11n HT20 2TX CDD	
5270 - 5310	802.11ac VHT40 SDM/STBC/CDD	Covered by 802.11n HT40 2TX CDD	
5290	802.11ac VHT80 CDD	17.17	52.12
5290	802.11ac VHT80 SDM/STBC	Covered by 802.11ac VHT80 2TX CDD	
5260 - 5320	802.11ax HE20 OFDMA	20.00	100.00
5270 - 5310	802.11ax HE40 OFDMA	21.30	134.90
5290	802.11ax HE80 OFDMA	15.59	36.22

5.6 GHz BAND (FCC)

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
5.6 GHz band, 1TX			
5500-5720	802.11a	Covered by 802.11n HT20 1TX	
5500-5720	802.11n HT20	20.59	114.55
5510-5710	802.11n HT40	20.80	120.23
5500-5720	802.11ac VHT20	Covered by 802.11n HT20 1TX	
5510-5710	802.11ac VHT40	Covered by 802.11n HT40 1TX	
5530-5690	802.11ac VHT80	20.68	116.95
5500-5720	802.11ax HE20	20.65	116.14
5510-5710	802.11ax HE40	20.86	121.90
5530-5690	802.11ax HE80	20.82	120.78
5.6 GHz band, 2TX			
5500-5720	802.11n HT20 CDD	20.23	105.44
5500-5720	802.11n HT20 SDM/STBC	Covered by 802.11n HT20 2TX CDD	
5510-5710	802.11n HT40 CDD	21.50	141.25
5510-5710	802.11n HT40 SDM/STBC	Covered by 802.11n HT40 2TX CDD	
5500-5720	802.11ac VHT20 SDM/STBC/CDD	Covered by 802.11n HT20 2TX CDD	
5510-5710	802.11ac VHT40 SDM/STBC/CDD	Covered by 802.11n HT40 2TX CDD	
5530-5690	802.11ac VHT80 CDD	21.46	139.96
5530-5690	802.11ac VHT80 SDM/STBC	Covered by 802.11ac VHT80 2TX CDD	
5500-5720	802.11ax HE20 OFDMA	20.20	104.71
5510-5710	802.11ax HE40 OFDMA	21.50	141.25
5530-5690	802.11ax HE80 OFDMA	21.50	141.25

5.8 GHz BAND (FCC)

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
5.8 GHz band, 1TX			
5745-5825	802.11a	Covered by 802.11n HT20 1TX	
5745-5825	802.11n HT20	20.81	120.50
5755-5795	802.11n HT40	20.79	119.95
5745-5825	802.11ac VHT20	Covered by 802.11n HT20 1TX	
5755-5795	802.11ac VHT40	Covered by 802.11n HT40 1TX	
5775	802.11ac VHT80	20.78	119.67
5745-5825	802.11ax HE20	20.85	121.62
5755-5795	802.11ax HE40	20.78	119.67
5775	802.11ax HE80	20.82	120.78
5.8 GHz band, 2TX			
5745-5825	802.11n HT20 CDD	22.36	172.19
5745-5825	802.11n HT20 SDM/STBC	Covered by 802.11n HT20 2TX CDD	
5755-5795	802.11n HT40 CDD	22.40	173.78
5755-5795	802.11n HT40 SDM/STBC	Covered by 802.11n HT40 2TX CDD	
5745-5825	802.11ac VHT20 STM/STBC/CDD	Covered by 802.11n HT20 2TX CDD	
5755-5795	802.11ac VHT40 STM/STBC/CDD	Covered by 802.11n HT40 2TX CDD	
5775	802.11ac VHT80 CDD	22.36	172.19
5775	802.11ac VHT80 SDM/STBC	Covered by 802.11ac VHT80 2TX CDD	
5745-5825	802.11ax HE20 OFDMA	22.46	176.20
5755-5795	802.11ax HE40 OFDMA	22.43	174.98
5775	802.11ax HE80 OFDMA	22.45	175.79

5.3. DESCRIPTION OF AVAILABLE ANTENNAS

Frequency Range	LAT 3	UAT 2
5180 - 5240	-3.60	-4.60
5260 – 5320	-1.20	-3.50
5500 - 5720	-0.10	-2.60
5745 - 5825	0.70	-2.60

5.4. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was WiFi FW Version: 18_20_71_1

5.5. WORST-CASE CONFIGURATION AND MODE

The fundamental of the EUT was investigated in three orthogonal orientations X, Y and Z on UAT 2 and LAT 3. It was determined that X (Flatbed) orientation was the worst-case orientation for UAT 2, LAT 3 and 2TX.

For radiated harmonics spurious below 1GHz, 1-18GHz L/M/H channels, 18-40GHz, and power line conducted emissions were performed with the EUT set at the 2TX CDD mode among the CDD/SDM modes with power setting equal or higher than SISO modes as worst-case scenario.

Radiated band edge, harmonic, and spurious emissions from 1GHz to 18GHz were performed with the EUT was set to transmit at highest power on Low/Middle/High channels.

Below 1GHz tests were performed with EUT connected to AC power adapter as the worst case; and for above 1GHz, the worst-case configuration reported was tested with EUT only. For AC line conducted emission, test was investigated with AC power adapter and with laptop. There were no emissions found below 30MHz within 20dB of the limit

The output power and psd for the 802.11 ax mode were investigated between all different tones, and we found that the highest tone had the highest output power and lowest tone had the highest PSD readings. Therefore, full testing was performed on both the highest and lowest tones.

For simultaneous transmission with the Bluetooth was investigated, no noticeable emission was found.

Investigated worst-case data rates as listed below were:

802.11n HT20mode: MCS0
802.11n HT40mode: MCS0
802.11ac VHT80 mode: MCS0
802.11ax HE20/HE40/HE80 FULL RU & RU26

There are two vendors of the WiFi/Bluetooth radio modules: variant 1 and variant 2. The Wi-Fi/Bluetooth radio modules have the same mechanical outline (e.g., the same package dimension and pin-out layout), use the same on-board antenna matching circuit, have an identical antenna structure, and are built and tested to conform to the same specifications and to operate within the same tolerances.

Baseline testing was performed on the two variants to determine the worst case on all conducted power and radiated emissions.

5.6. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
laptop	Apple	Macbook Pro	C02P41RZG086	FCC DoC
Laptop AC/DC adapter	Liteon Technology	PA-1450-BA1	B123	NA
EUT AC Adapter	Apple	A1385	D292365CDYADHLC3	NA

I/O CABLES

I/O Cable List						
Cable No	Port	# of identical ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	Antenna	1	SMA	Un-Shielded	0.2	To spectrum Analyzer
2	USB	1	USB	Shielded	1	N/A
3	AC	1	AC	Un-shielded	2	N/A

I/O CABLES (RADIATED ABOVE 1 GHZ)

I/O Cable List						
Cable No	Port	# of identical ports	Connector Type	Cable Type	Cable Length (m)	Remarks
NA						

I/O CABLES (BELOW 1GHz AND AC POWER LINE TEST WITH ADAPTER AND LAPTOP)

I/O Cable List						
Cable No	Port	# of identical	Connector Type	Cable Type	Cable Length (m)	Remarks
1	AC	1	AC	Un-shielded	2	N/A
2	USB	1	USB	Shielded	1	N/A

TEST SETUP

The EUT is insLAT 3led in a host laptop computer during the tests. Test software exercised the radio card.

6. MEASUREMENT METHOD

On Time and Duty Cycle: KDB 789033 D02 v02r01, Section B.

6 dB Emission BW: KDB 789033 D02 v02r01, Section C.2

26 dB Emission BW: KDB 789033 D02 v02r01, Section C.1

99% Occupied BW: KDB 789033 D02 v02r01, Section D.

Conducted Output Power: KDB 789033 D02 v02r01

Power Spectral Density: KDB 789033 D02 v02r01, Section F

Unwanted emissions in restricted bands: KDB 789033 D02 v02r01, Sections G.3, G.4, G.5, and G.6.

Unwanted emissions in non-restricted bands: KDB 789033 D02 v02r01, Sections G.3, G.4, and G.5.

AC Power Line Conducted Emissions: ANSI C63.10-2013, Section 6.2.

Radiated Spurious Emissions Below 30MHz: ANSI C63.10-2013 Section 6.4

7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST					
Description	Manufacturer	Model	ID Num	Cal Due	Last Cal
*Antenna, Broadband Hybrid, 30MHz to 2000MHz	Sunol Sciences Corp.	JB3	T407	05/11/2020	05/11/2019
Amplifier, 10KHz to 1GHz, 32dB	Sonoma	310N	T173	06/06/2020	06/06/2019
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	T119	03/22/2020	03/22/2019
Amplifier, 1 to 18GHz	Miteq	AFS42-00101800-25-S-42	T740	07/31/2020	08/31/2019
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	T136	06/14/2020	06/14/2019
Amplifier, 1 to 18GHz, 35dB	Amplical	AFS42-00101800-25-S-42	T1568	06/18/2020	06/18/2019
Antenna, Horn 1-18GHz	ETS Lindgren	3117	T712	02/26/2020	02/26/2019
Amplifier, 1 to 18GHz	Miteq	AFS42-00101800-25-S-42	138301	08/03/2020	08/03/2019
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	T863	05/30/2020	05/30/2019
*Amplifier, 1 to 18GHz, 35dB	Amplical	AFS42-00101800-25-S-42	T1567	01/26/2020	01/26/2019
*Spectrum Analyzer, PXA, 3Hz to 44GHz	Agilent (Keysight) Technologies	N9030A	T340	01/22/2020	01/22/2019
*Spectrum Analyzer, PXA, 3Hz to 44GHz	Agilent (Keysight) Technologies	N9030A	T908	01/24/2020	01/24/2019
*Spectrum Analyzer, PXA, 3Hz to 44GHz	Agilent (Keysight) Technologies	N9030A	T1466	01/23/2020	01/23/2019
*Spectrum Analyzer, PXA, 3Hz to 44GHz	Agilent (Keysight) Technologies	N9030A	T342	01/23/2020	01/23/2019
Spectrum Analyzer, PXA 3Hz to 44GHz	Keysight	N9030A-544	T1210	02/27/2020	02/27/2019
Antenna Horn, 18 to 26GHz	ARA	MWH-1826	T447	08/13/2020	08/13/2019
Antenna, Horn 26.5GHz to 40GHz	ARA	MWH-2640/B	T446	08/13/2020	08/13/2019
Pre-Amp 18-26GHz	Agilent Technology	8449B	T404	03/23/2020	03/23/2019
Amplifier, 26GHz to 40GHz	Miteq	TTA2640-35-HG	T1864	03/23/2020	03/23/2019
*Power Meter, P-series single channel	Keysight	N1912A	T1244	01/30/2020	01/30/2019
Power Sensor	Keysight	N1921A	T1224	02/22/2020	02/22/2019
Antenna, Active Loop 9KHz to 30MHz	EMCO	6502	T35	06/06/2020	06/06/2019

AC Line Conducted					
*EMI Test Receiver 9KHz-7GHz	Rohde & Schwarz	ESC17	T1436	02/14/2020	02/14/2019
*Power Cable, Line Conducted Emissions	UL	PG1	T861	10/19/2019	10/19/2018
*LISN for Conducted Emissions CISPR-16	Fischer	50/250-25-2-01	T1310	01/24/2020	01/24/2019
UL AUTOMATION SOFTWARE					
Radiated Software	UL	UL EMC	Ver 9.5, April 26, 2016		
Conducted Software	UL	UL EMC	Ver 5.4, October 13, 2016		
AC Line Conducted Software	UL	UL EMC	Ver 9.5, May 26, 2015		

*Testing is completed before equipment expiration date.

8. ANTENNA PORT TEST RESULTS

8.1. ON TIME AND DUTY CYCLE

LIMITS

None; for reporting purposes only.

PROCEDURE

KDB 558074 Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/B Minimum VBW (kHz)
802.11n HT20 1TX	1.920	1.941	0.989	98.92%	0.00	0.010
802.11n HT20 CDD	1.920	1.941	0.989	98.92%	0.00	0.010
802.11n HT40 1TX	0.942	0.962	0.979	97.92%	0.09	1.062
802.11n HT40 CDD	0.942	0.962	0.979	97.92%	0.09	1.062
802.11ac VHT80 1TX	0.459	0.481	0.954	95.43%	0.20	2.179
802.11ac VHT80 CDD	0.459	0.481	0.954	95.43%	0.20	2.179
802.11ax HE20 1Tx, 242-Tones	1.572	1.596	0.985	98.50%	0.00	0.010
802.11ax HE20 1Tx, 26-Tones	4.090	4.155	0.984	98.44%	0.00	0.010
802.11ax HE20 OFDMA, 242-Tones	1.574	1.594	0.987	98.75%	0.00	0.010
802.11ax HE20 OFDMA, 26-Tones	4.085	4.150	0.984	98.43%	0.00	0.010
802.11ax HE40 1TX, 484-Tones	1.542	1.568	0.983	98.34%	0.00	0.010
802.11ax HE40 1TX, 26-Tones	4.116	4.166	0.988	98.80%	0.00	0.010
802.11ax HE40 OFDMA, 484-Tones	1.556	1.580	0.985	98.48%	0.00	0.010
802.11ax HE40 OFDMA, 26-Tones	4.098	4.146	0.988	98.84%	0.00	0.010
802.11ax HE80 1TX, 996-Tones	1.472	1.494	0.985	98.53%	0.00	0.010
802.11ax HE80 1TX, 26-Tones	4.120	4.160	0.990	99.04%	0.00	0.010
802.11ax HE80 OFDMA, 996-Tones	1.473	1.494	0.986	98.59%	0.00	0.010
802.11ax HE80 OFDMA, 26-Tones	4.072	4.152	0.981	98.07%	0.00	0.010

DUTY CYCLE PLOTS





802.11ax HE20 1TX, 242-TONES



802.11ax HE20 1TX, 26-TONES



802.11ax HE20 OFDMA, 242-TONES



802.11ax HE20 OFDMA, 26-TONES



802.11ax HE40 1TX, 484-TONES



802.11ax HE40 1TX, 26-TONES



8.2. 26 dB BANDWIDTH

LIMITS

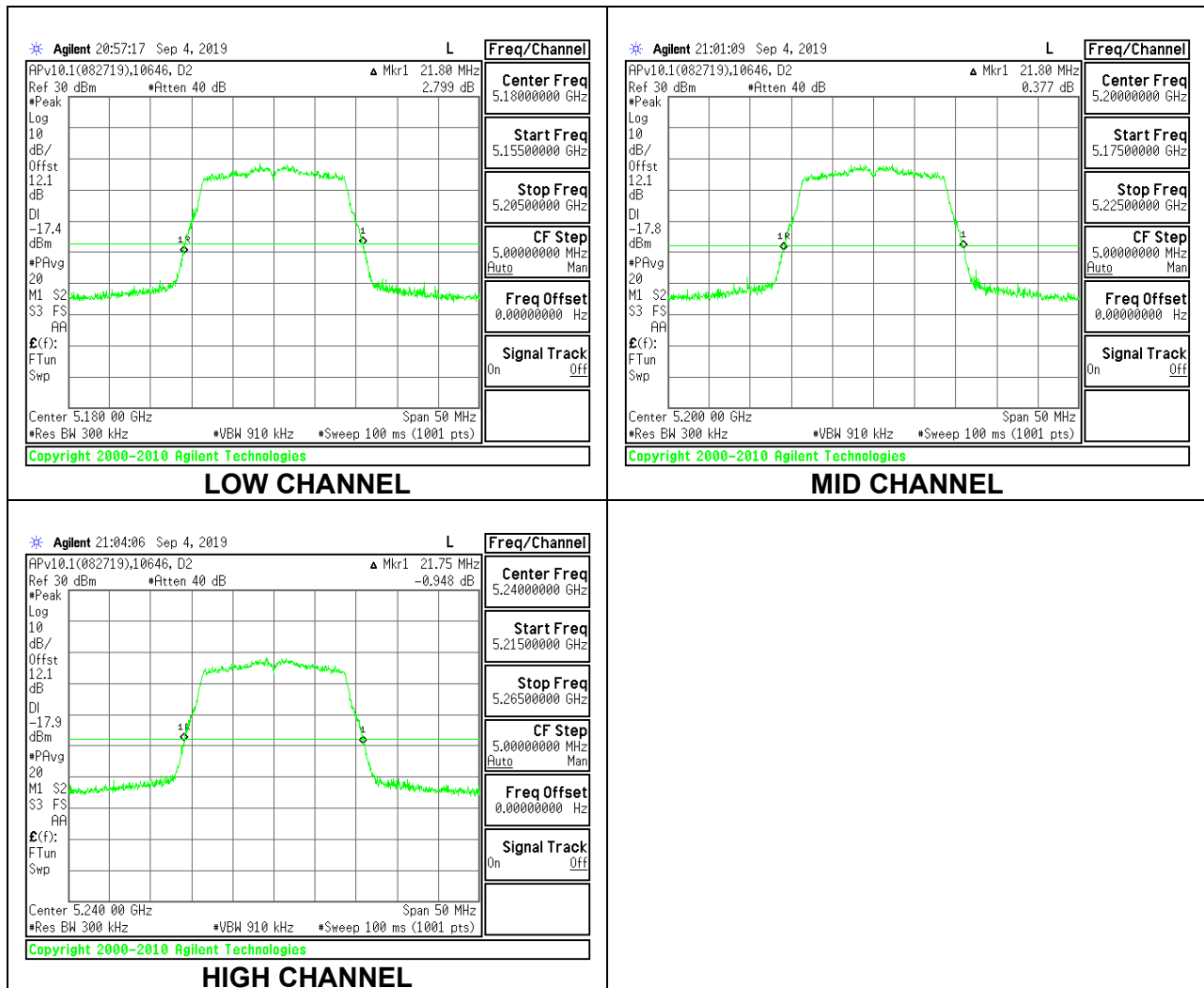
None; for reporting purposes only.

RESULTS

8.2.1. 802.11n HT20 MODE IN THE 5.2 GHz BAND

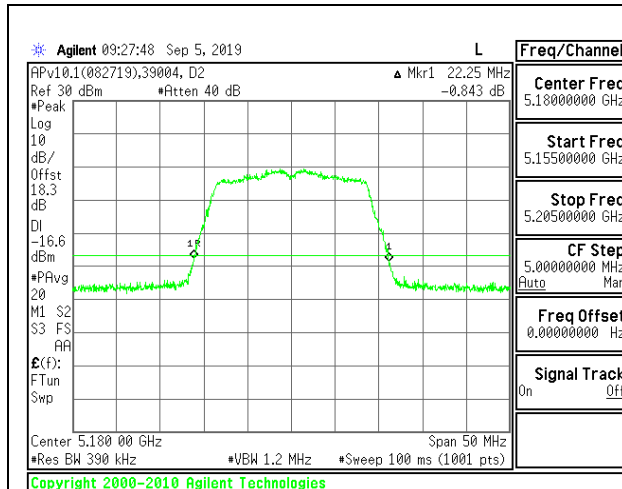
1TX UAT 2 MODE

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Low	5180	21.80
Mid	5200	21.80
High	5240	21.75

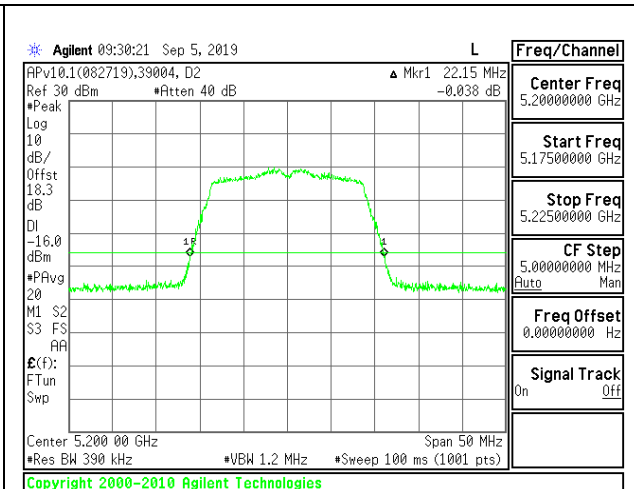


1TX LAT 3 MODE

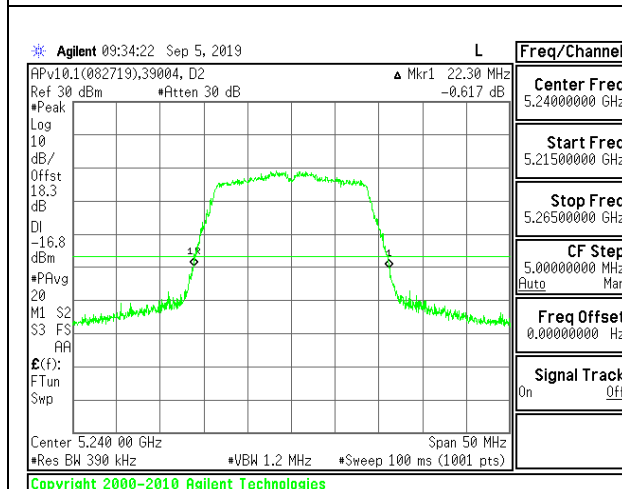
Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Low	5180	22.25
Mid	5200	22.15
High	5240	22.30



LOW CHANNEL



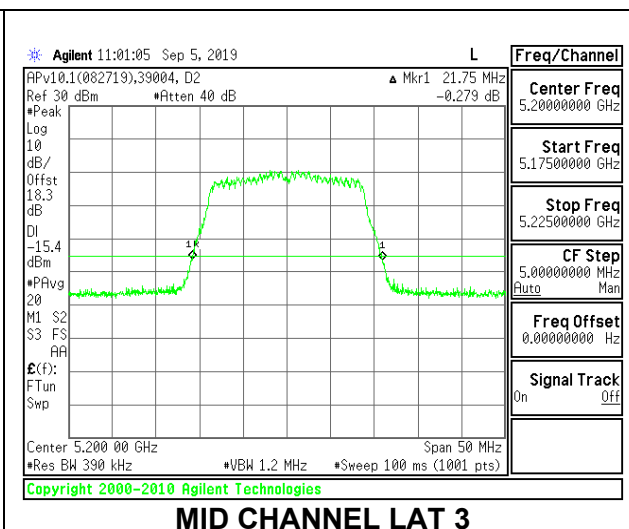
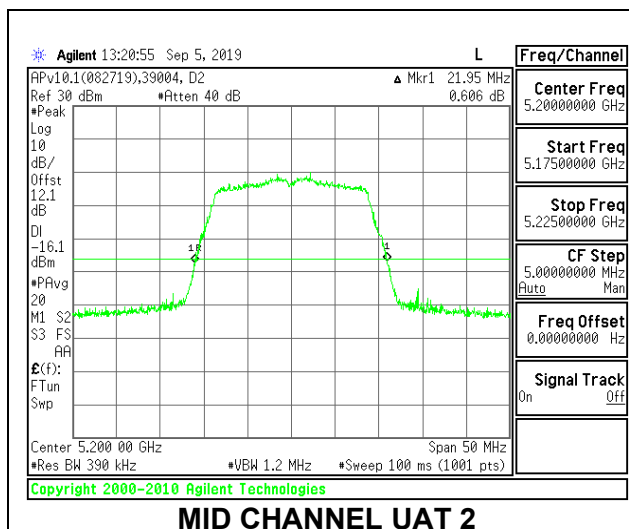
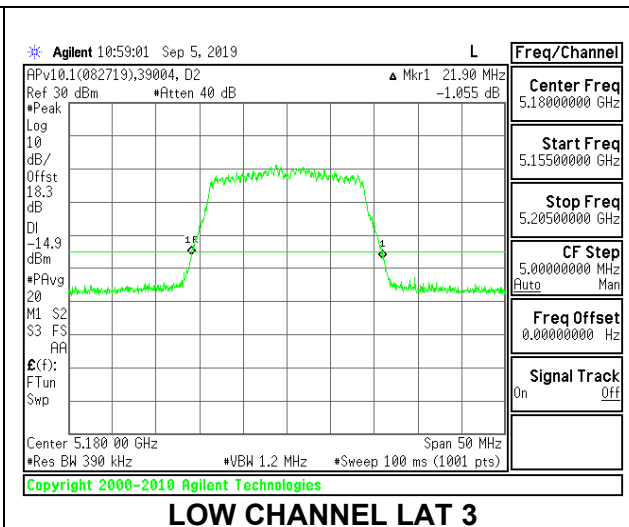
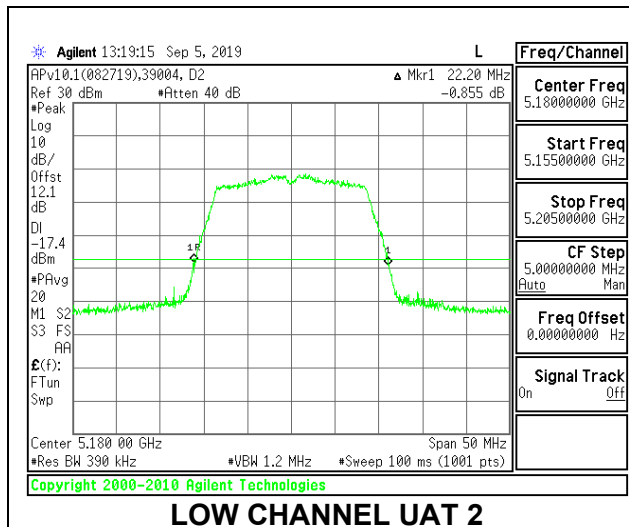
MID CHANNEL

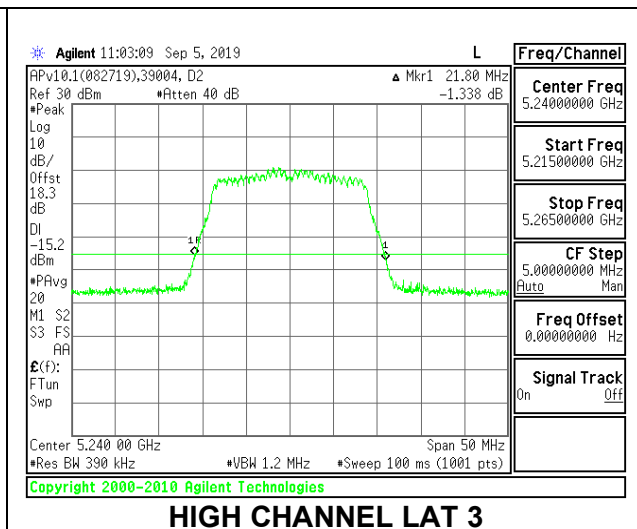
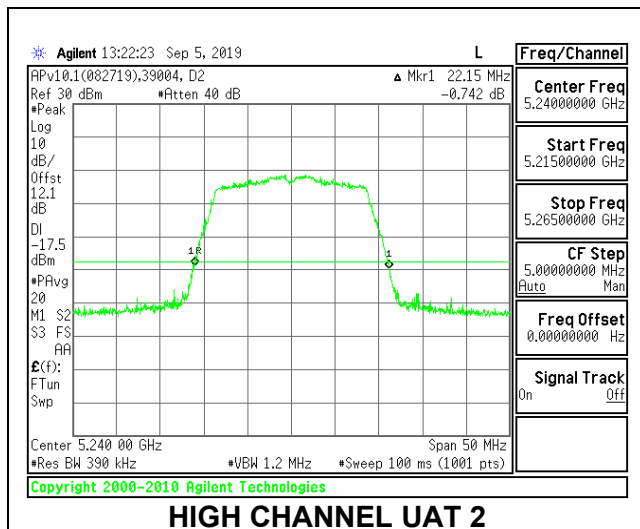


HIGH CHANNEL

2TX UAT 2 + LAT 3 CDD MODE

Channel	Frequency (MHz)	26 dB Bandwidth	
		UAT 2 (MHz)	LAT 3 (MHz)
Low	5180	22.20	21.90
Mid	5200	21.95	21.75
High	5240	22.15	21.80

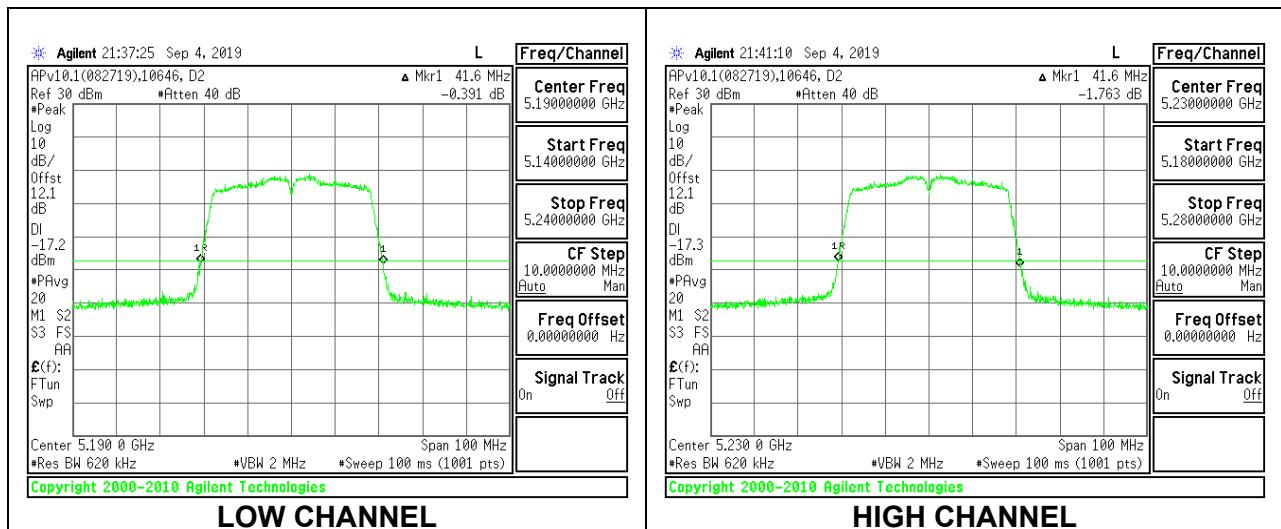




8.2.2. 802.11n HT40 MODE IN THE 5.2 GHz BAND

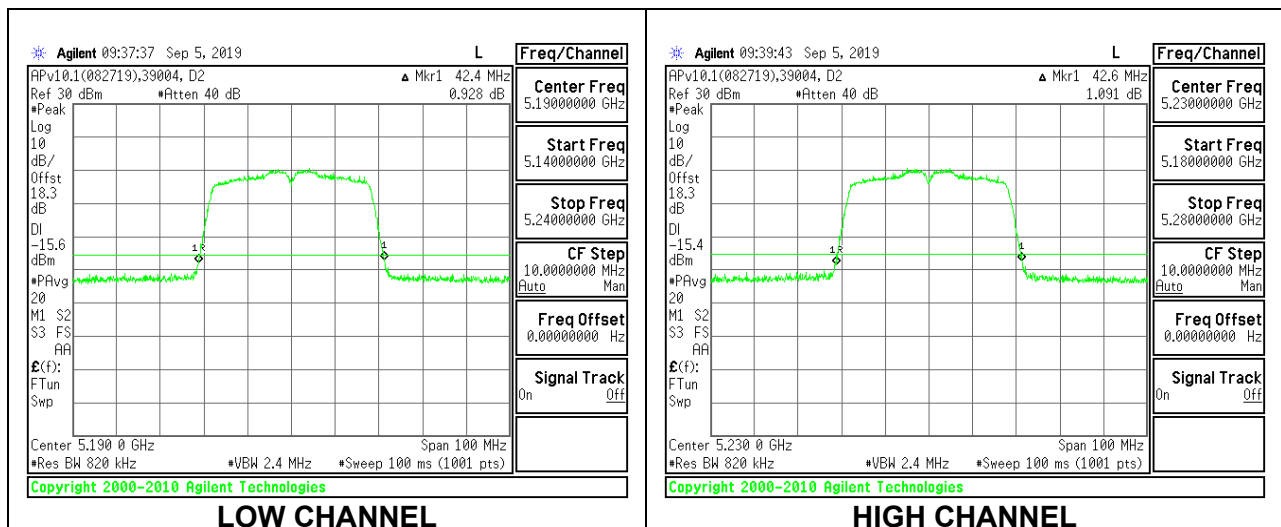
1TX UAT 2 MODE

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5190	41.60
High	5230	41.60



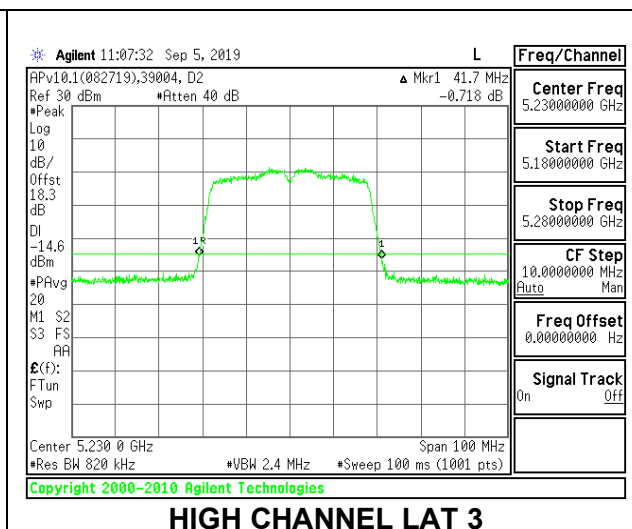
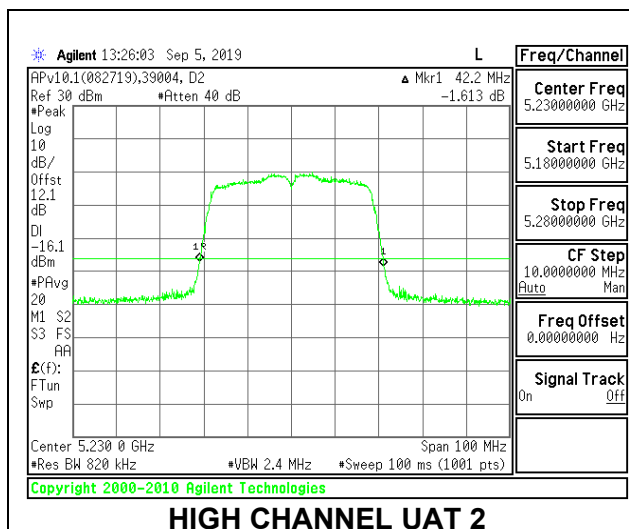
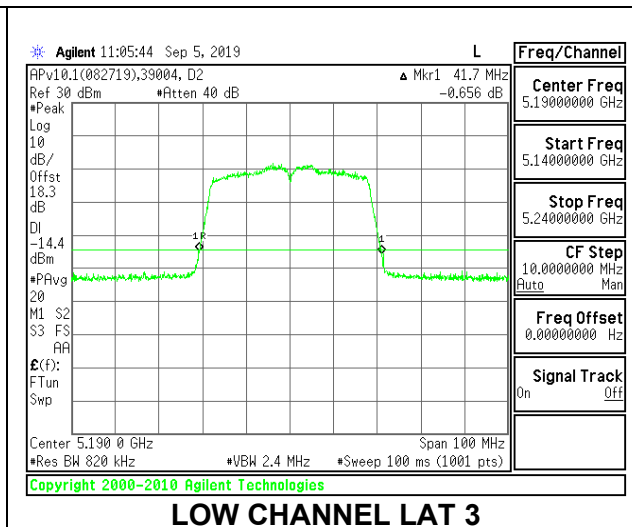
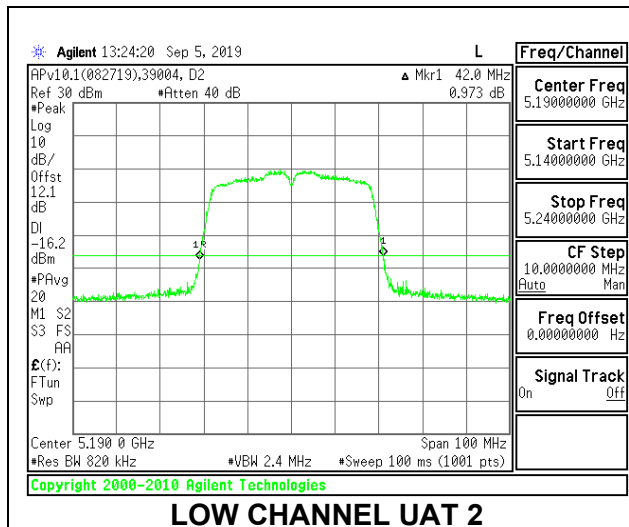
1TX LAT 3 MODE

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5190	42.40
High	5230	42.60



2TX UAT 2 + LAT 3 CDD MODE

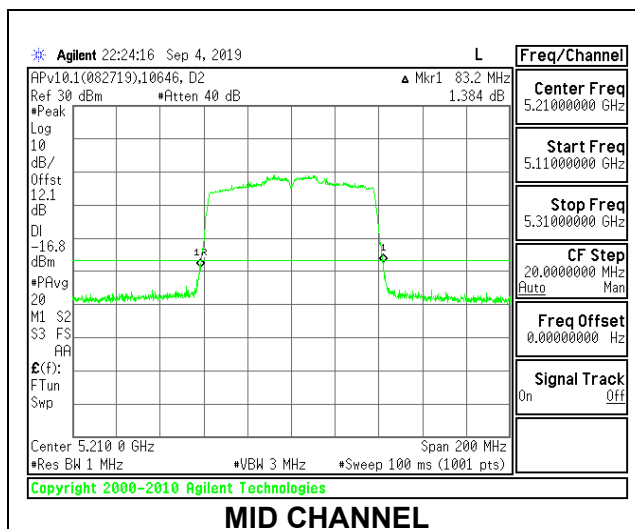
Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2 (MHz)	LAT 3 (MHz)
Low	5190	42.00	41.70
High	5230	42.20	41.70



8.2.3. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

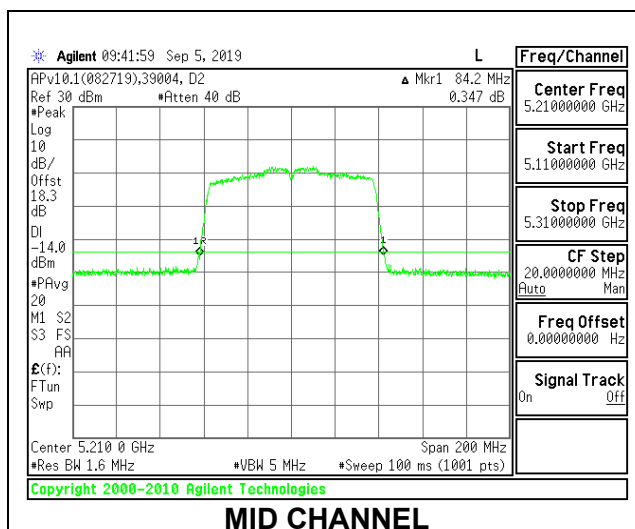
1TX UAT 2 MODE

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	83.20



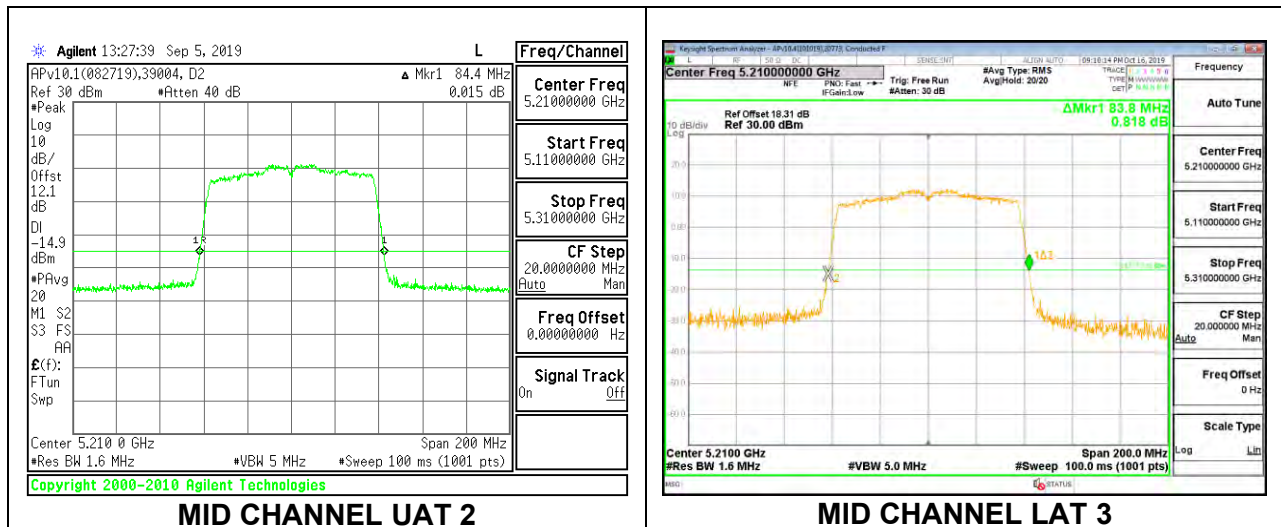
1TX LAT 3 MODE

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	84.20



2TX UAT 2 + LAT 3 CDD MODE

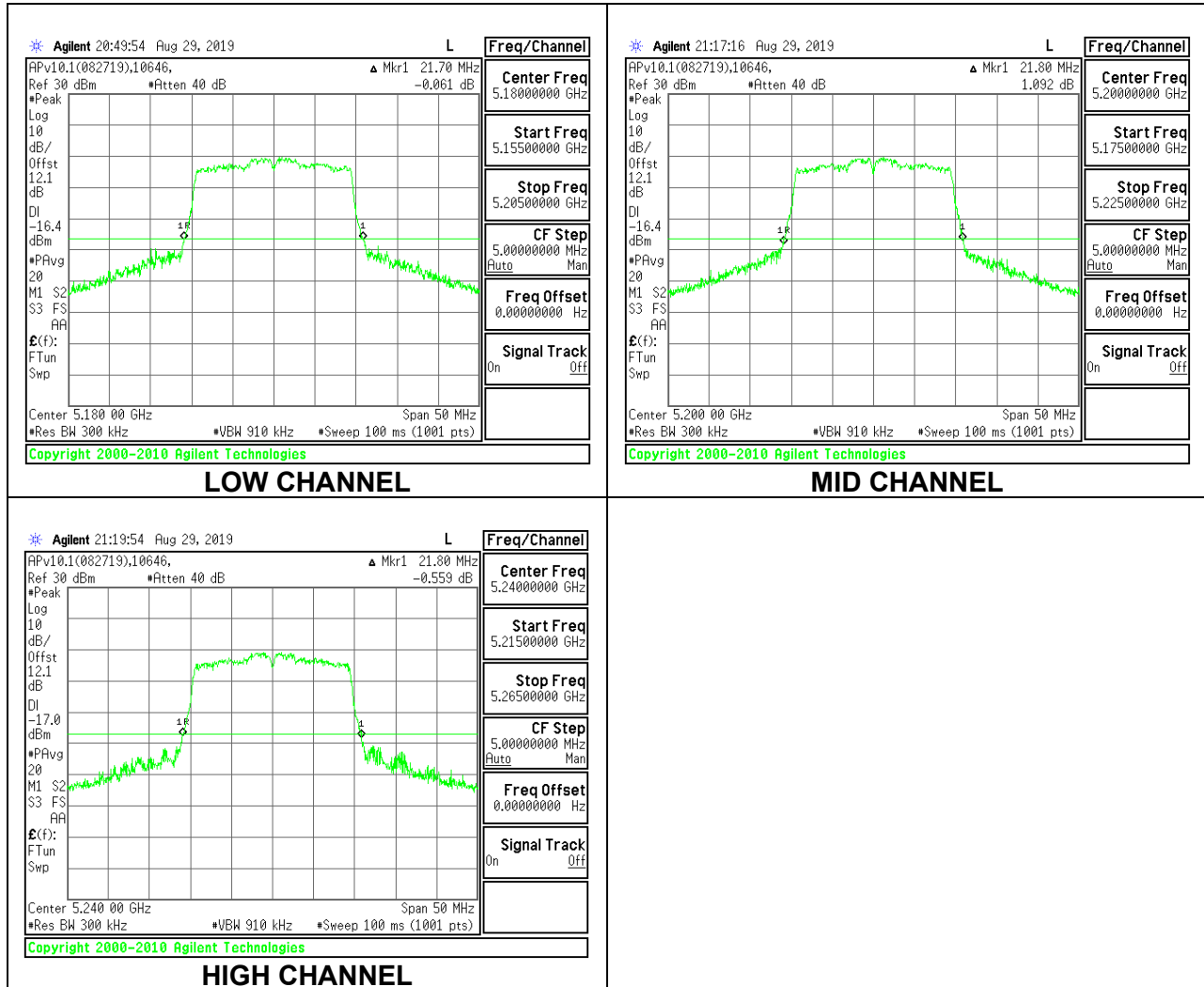
Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2 (MHz)	LAT 3 (MHz)
Mid	5210	84.40	83.80



8.2.4. 802.11ax HE20 MODE IN THE 5.2 GHz BAND

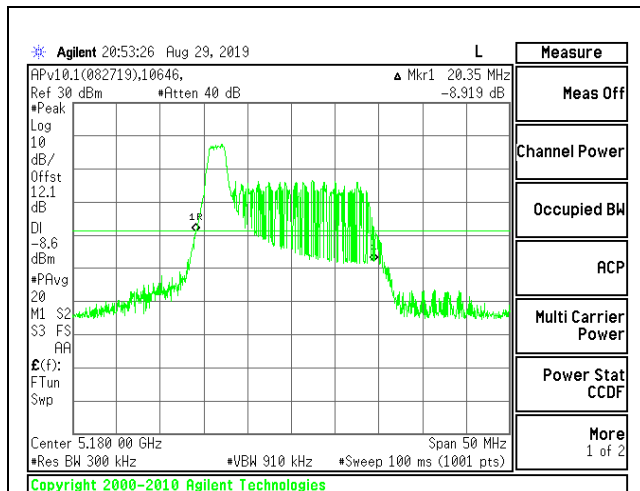
1TX UAT 2 MODE – 242-Tones, RU Index 61

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5180	21.70
Mid	5200	21.80
High	5240	21.80

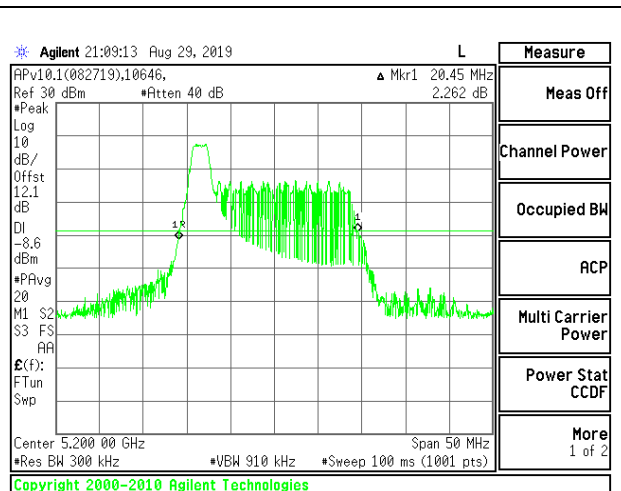


1TX UAT 2 MODE – 26-Tones, RU Index 0

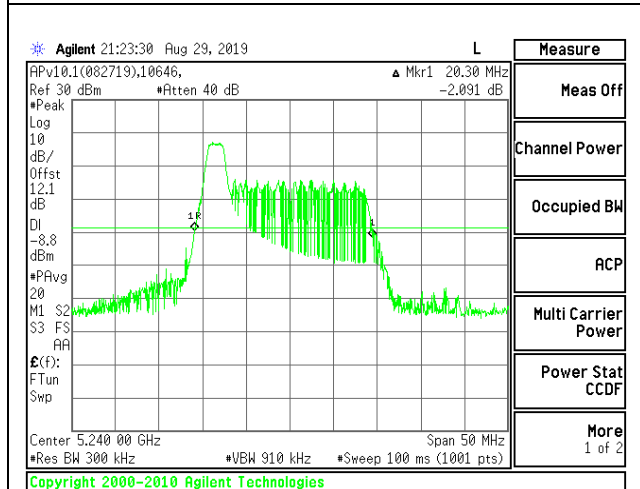
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5180	20.35
Mid	5200	20.45
High	5240	20.30



LOW CHANNEL



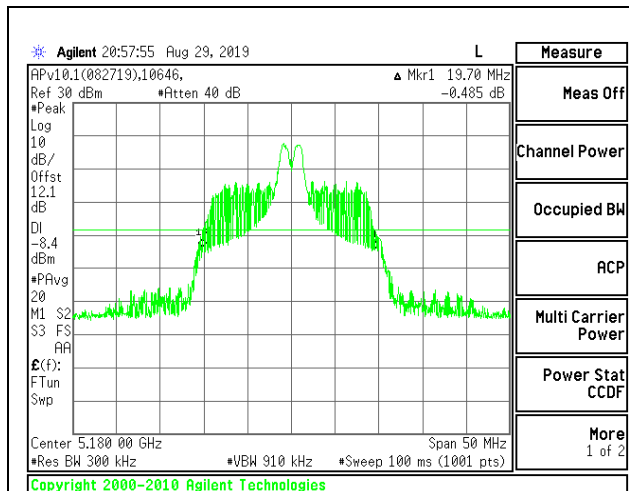
MID CHANNEL



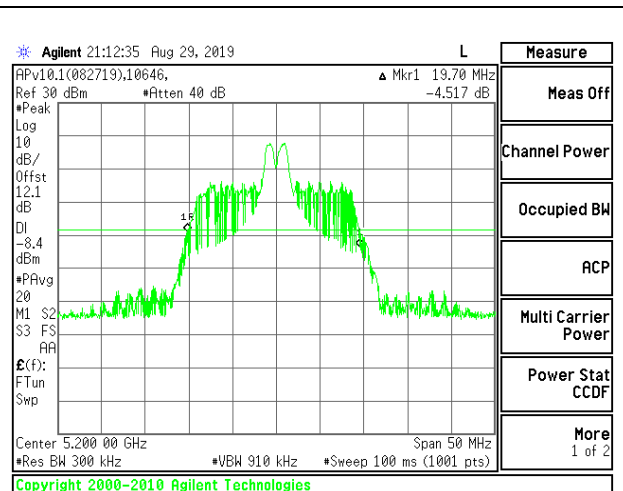
HIGH CHANNEL

1TX UAT 2 MODE – 26-Tones, RU Index 4

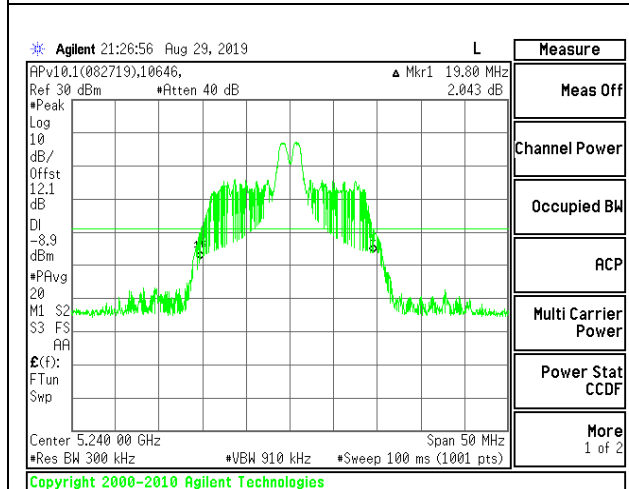
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5180	19.70
Mid	5200	19.70
High	5240	19.80



LOW CHANNEL



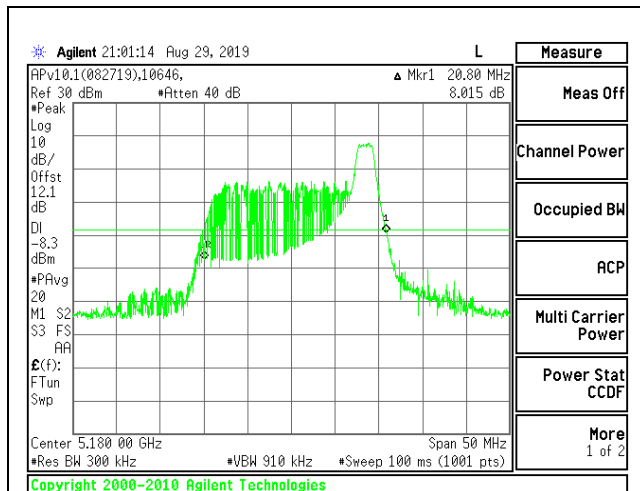
MID CHANNEL



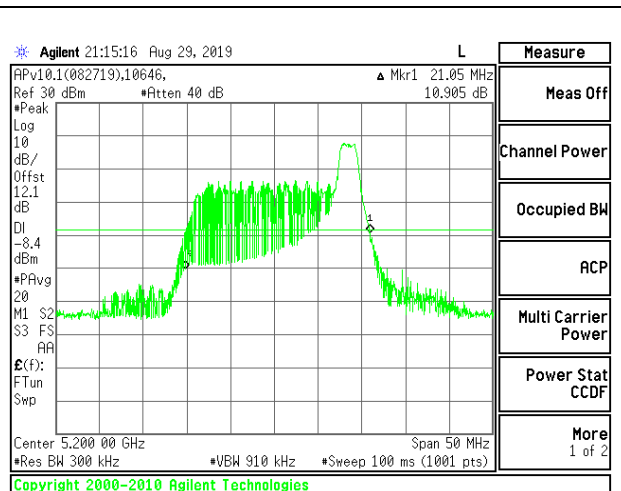
HIGH CHANNEL

1TX UAT 2 MODE – 26-Tones, RU Index 8

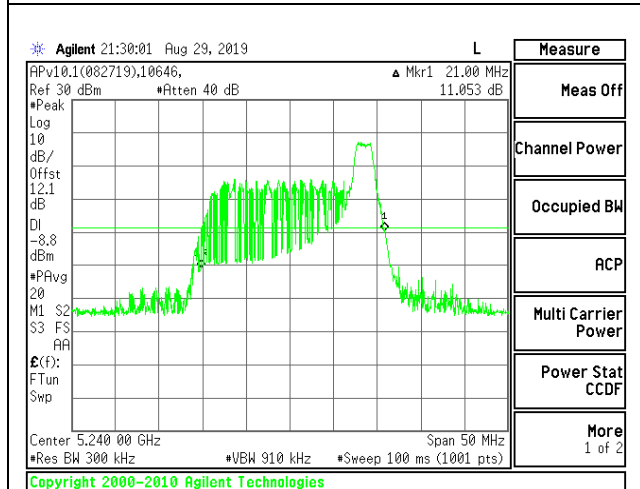
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5180	20.80
Mid	5200	21.05
High	5240	21.00



LOW CHANNEL



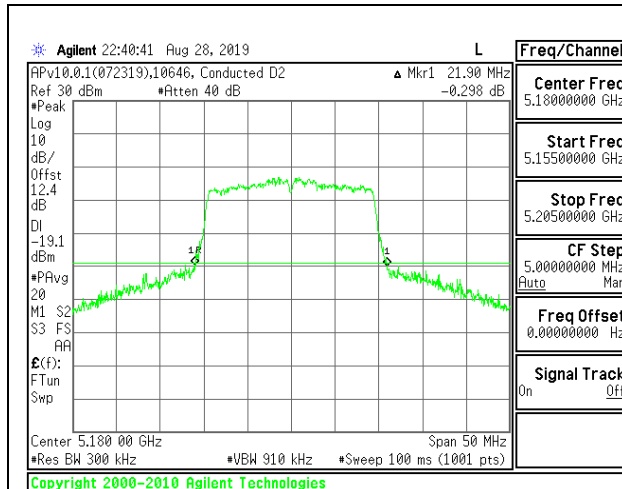
MID CHANNEL



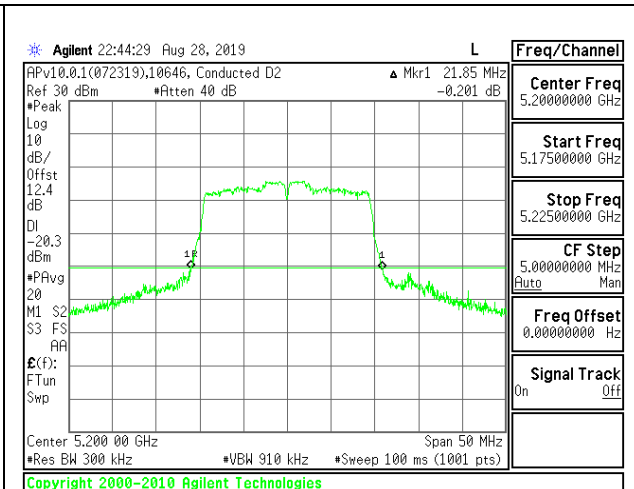
HIGH CHANNEL

1TX LAT 3 MODE – 242-Tones, RU Index 61

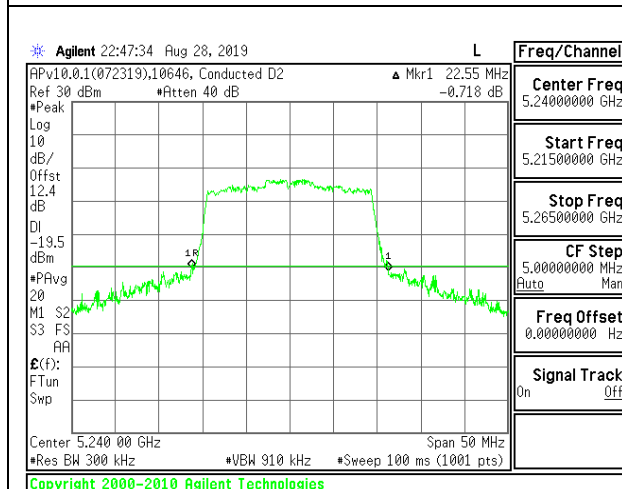
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5180	21.90
Mid	5200	21.85
High	5240	22.55



LOW CHANNEL



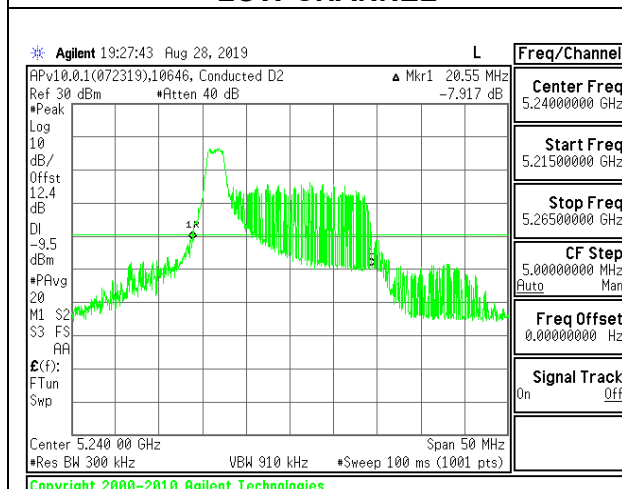
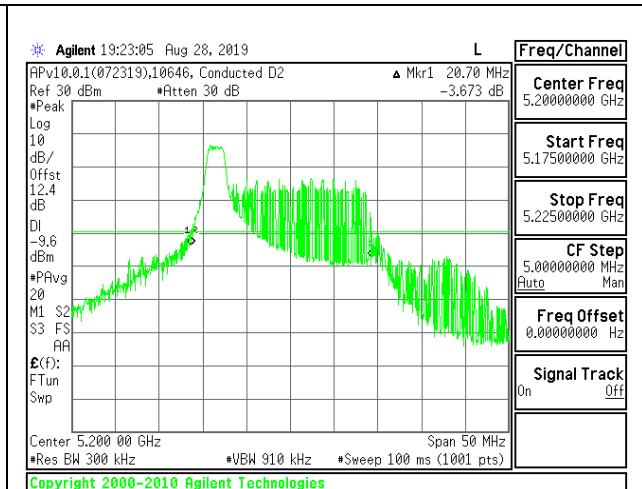
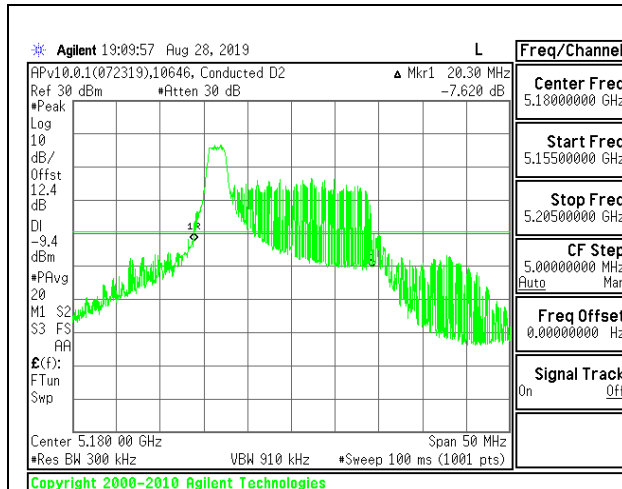
MID CHANNEL



HIGH CHANNEL

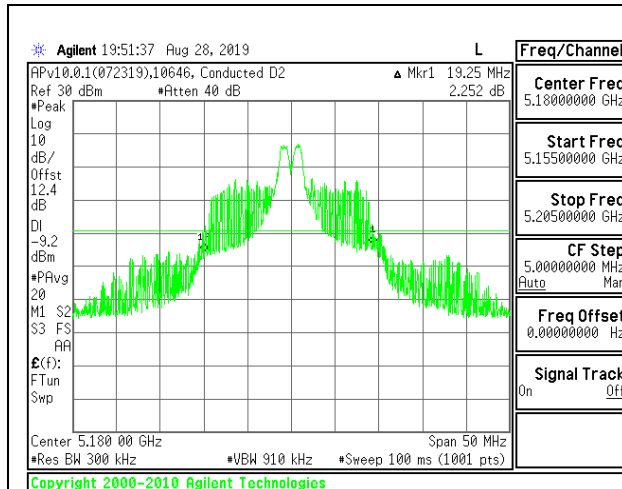
1TX LAT 3 MODE – 26-Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5180	20.30
Mid	5200	20.70
High	5240	20.55

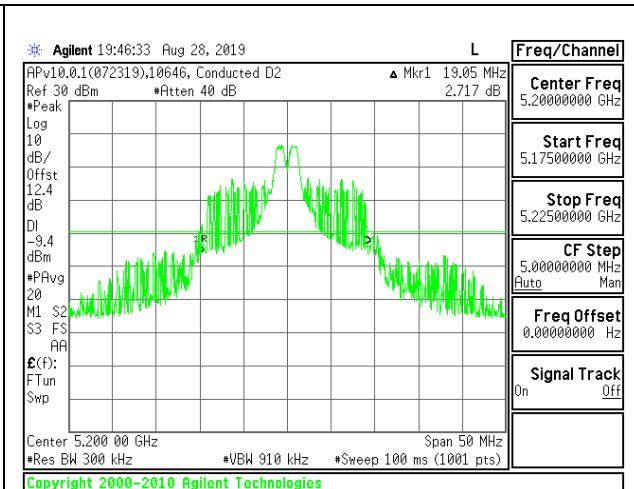


1TX LAT 3 MODE – 26-Tones, RU Index 4

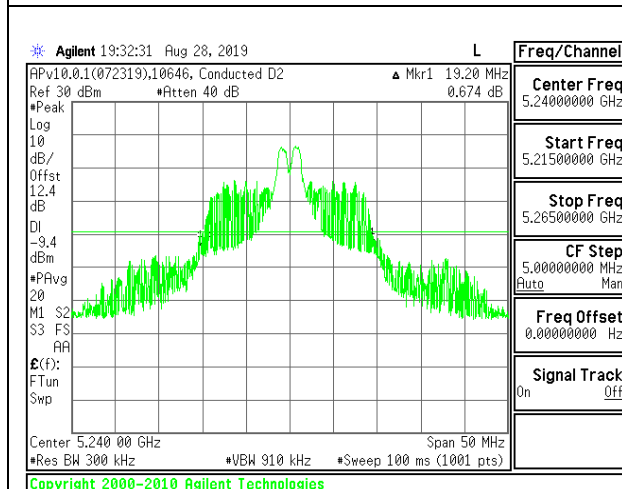
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5180	19.25
Mid	5200	19.05
High	5240	19.20



LOW CHANNEL



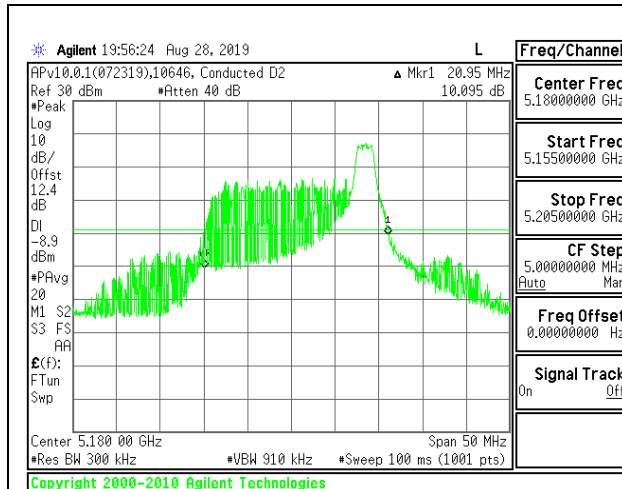
MID CHANNEL



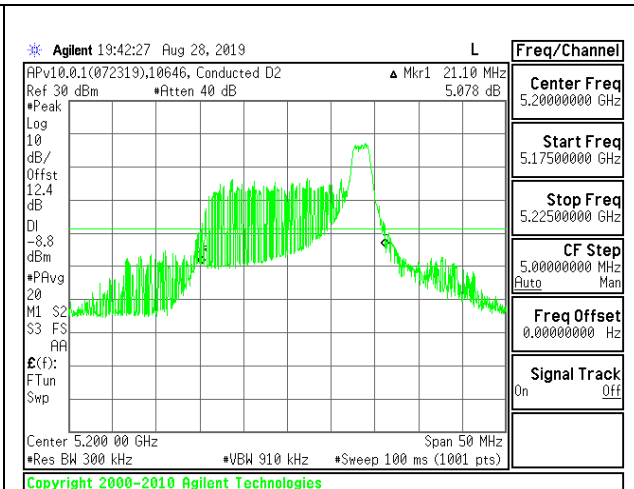
HIGH CHANNEL

1TX LAT 3 MODE – 26-Tones, RU Index 8

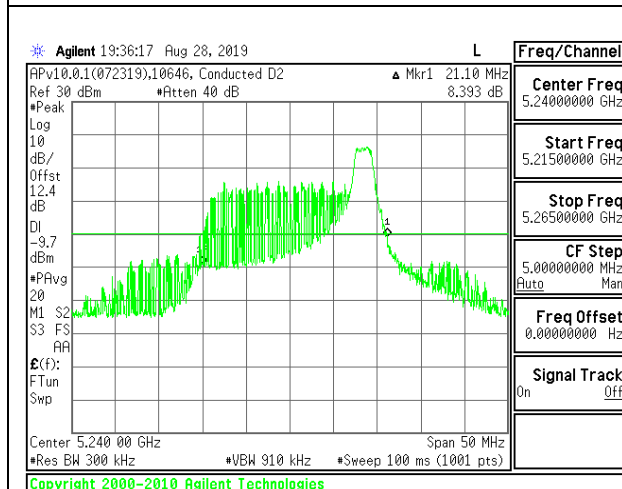
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5180	20.95
Mid	5200	21.10
High	5240	21.10



LOW CHANNEL



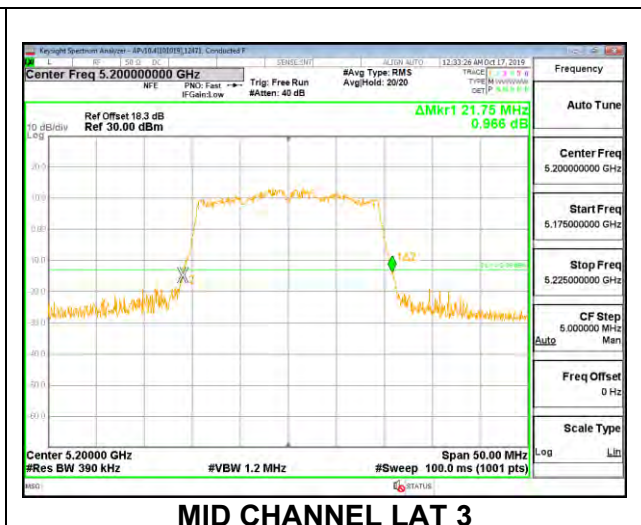
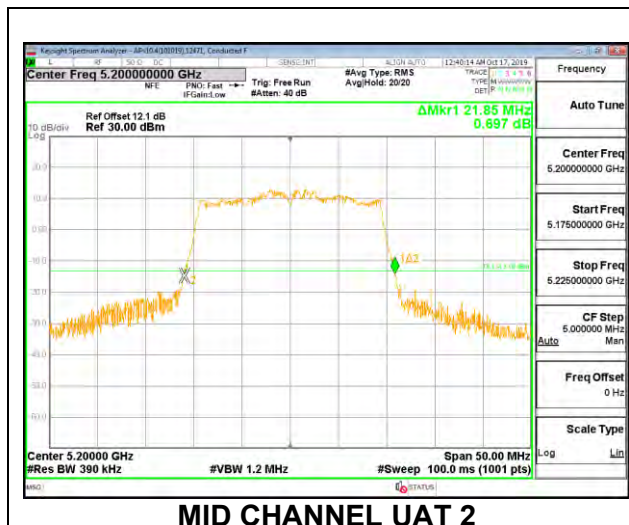
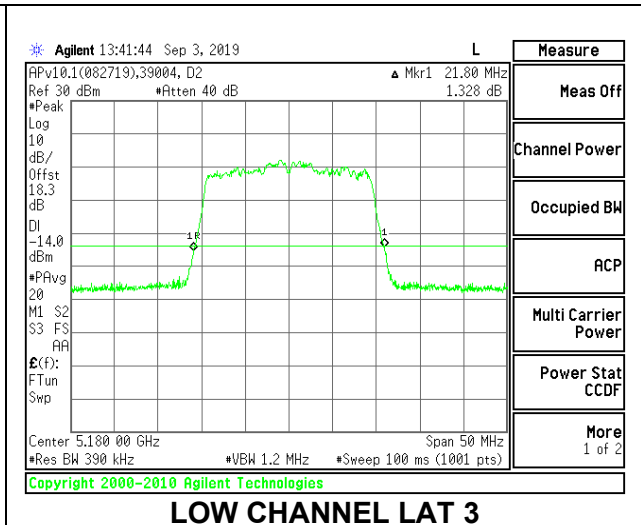
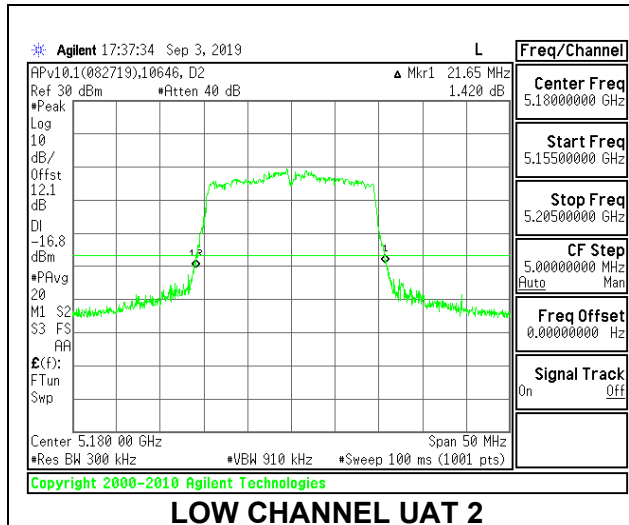
MID CHANNEL

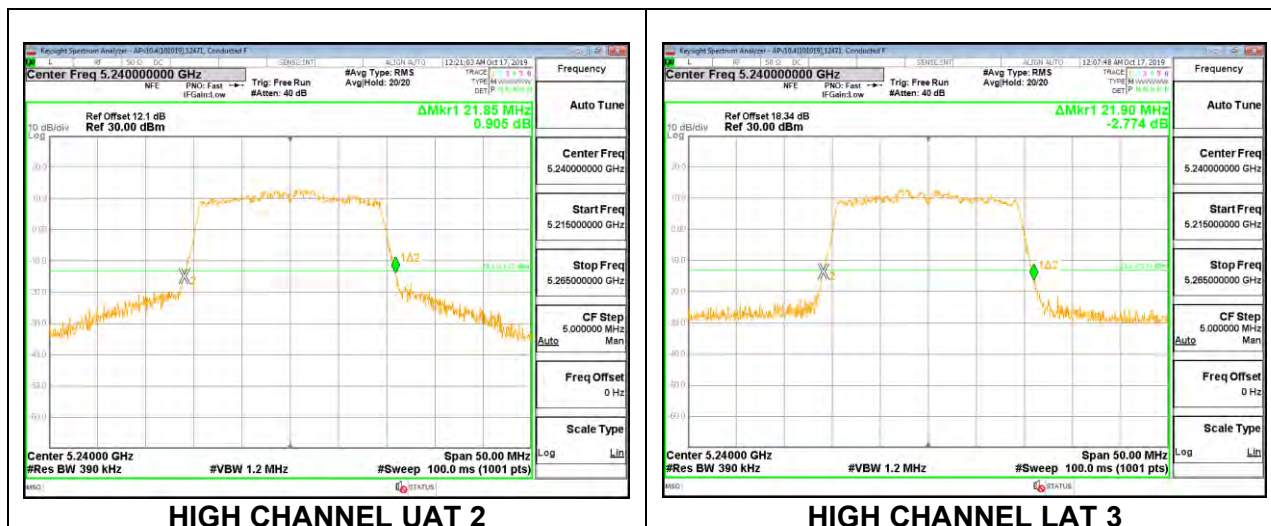


HIGH CHANNEL

2TX UAT 2 + LAT 3 OFDMA MODE – 242 Tones, RU Index 61

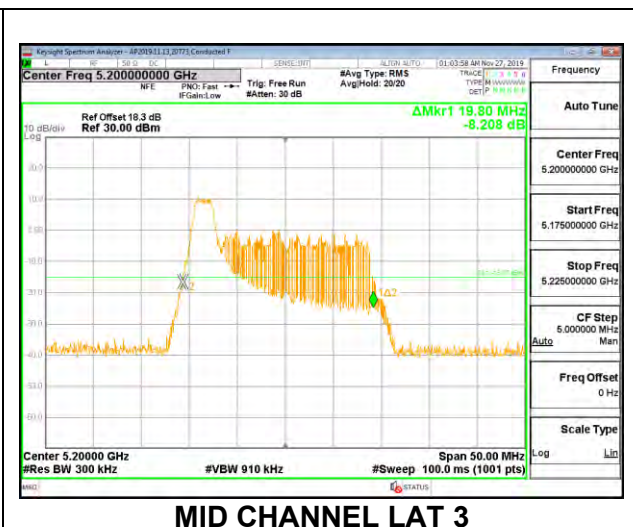
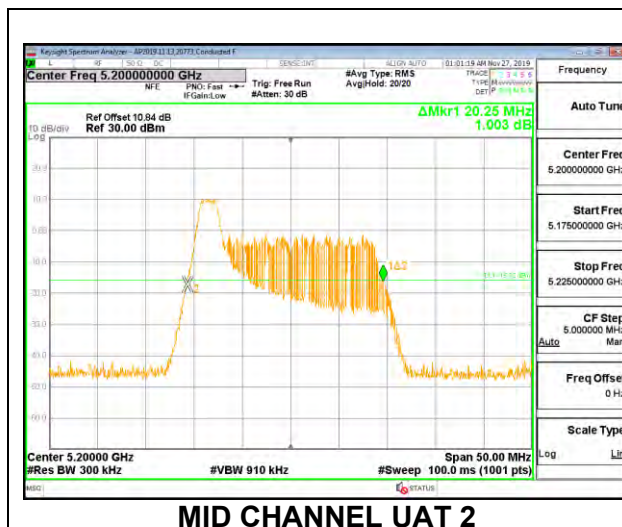
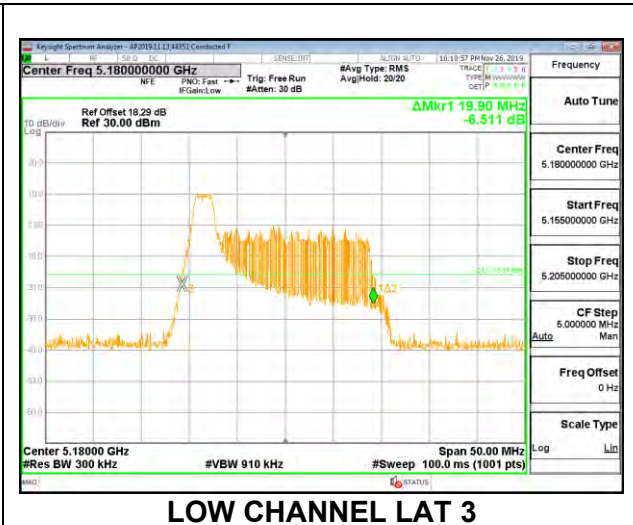
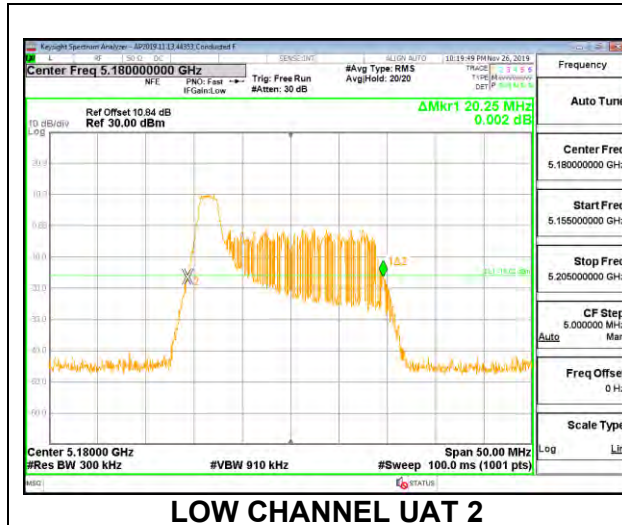
Channel	Frequency (MHz)	26 dB Bandwidth UAT 2 (MHz)	26 dB Bandwidth LAT 3 (MHz)
Low	5180	21.65	21.80
Mid	5200	21.85	21.75
High	5240	21.85	21.90

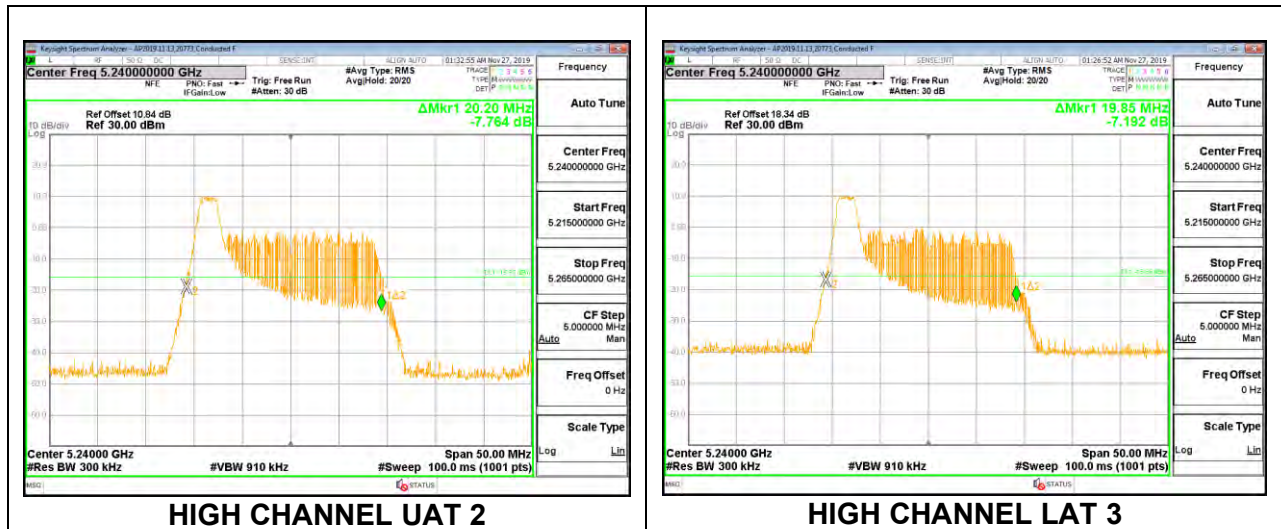




2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 0

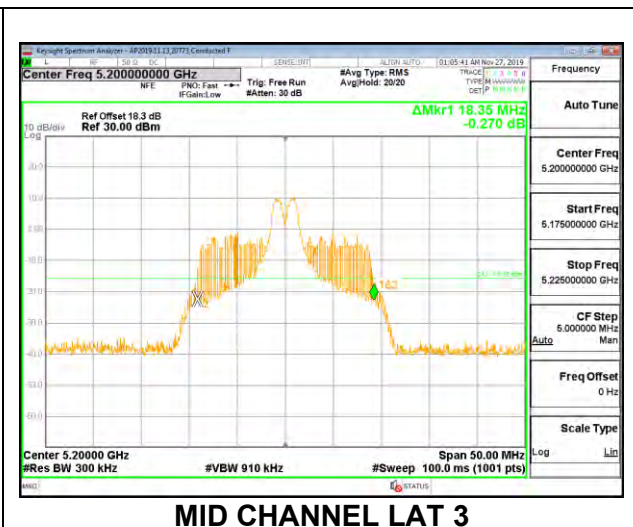
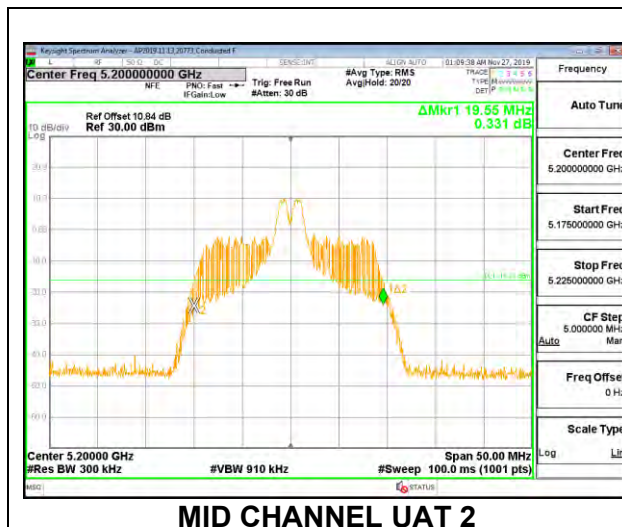
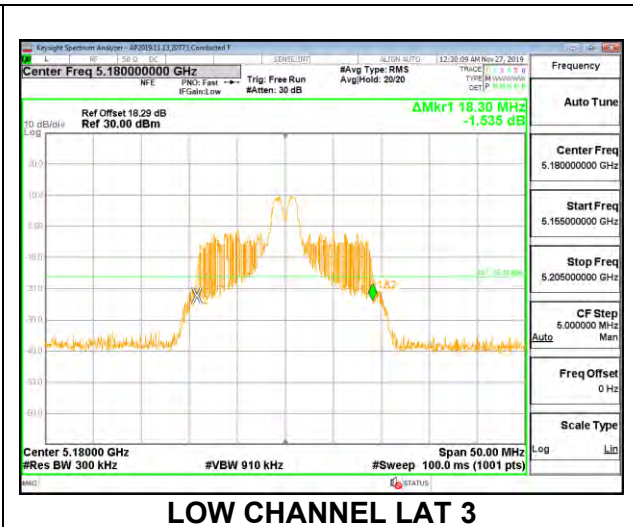
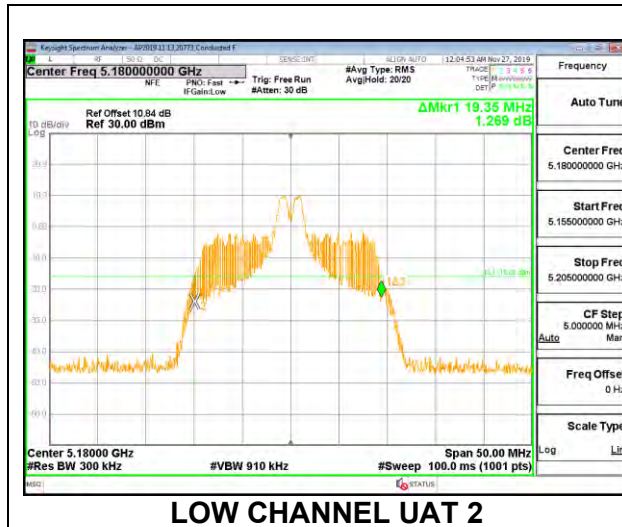
Channel	Frequency (MHz)	26 dB Bandwidth UAT 2 (MHz)	26 dB Bandwidth LAT 3 (MHz)
Low	5180	20.25	19.90
Mid	5200	20.25	19.80
High	5240	20.20	19.85

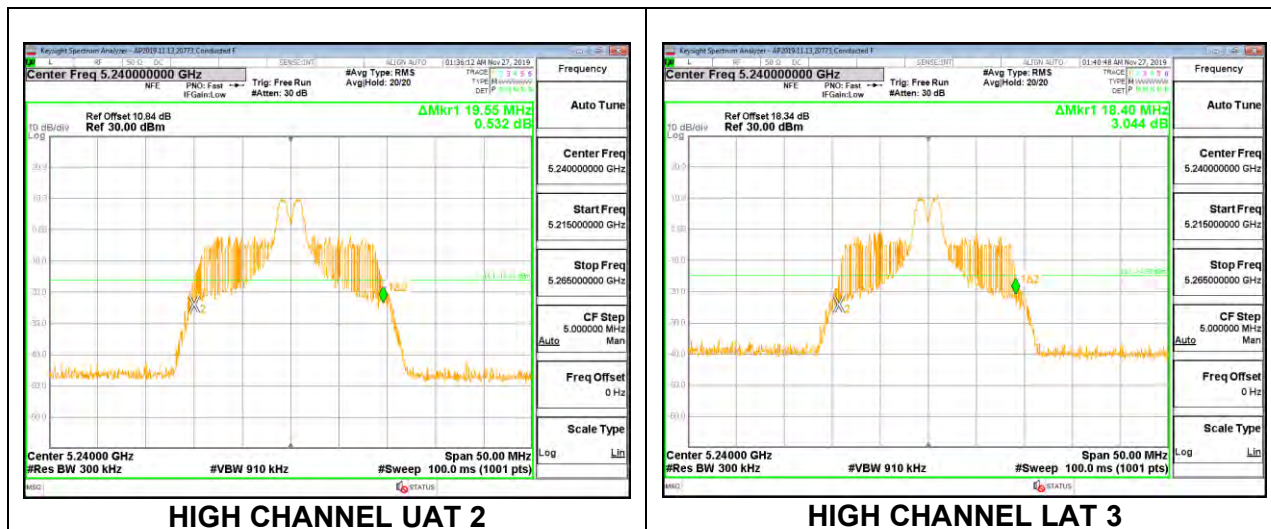




2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 4

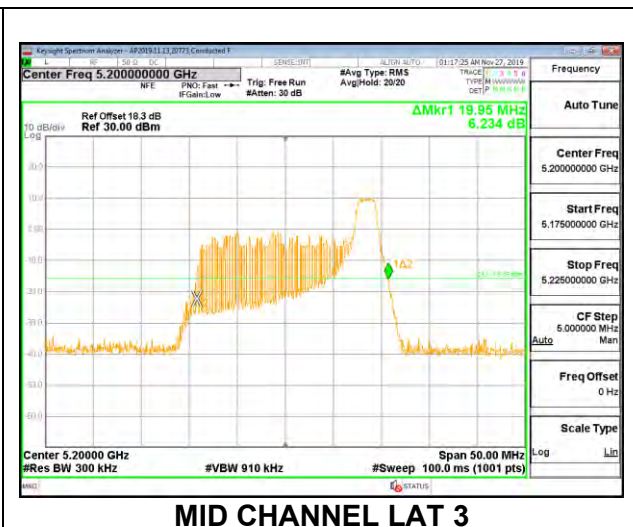
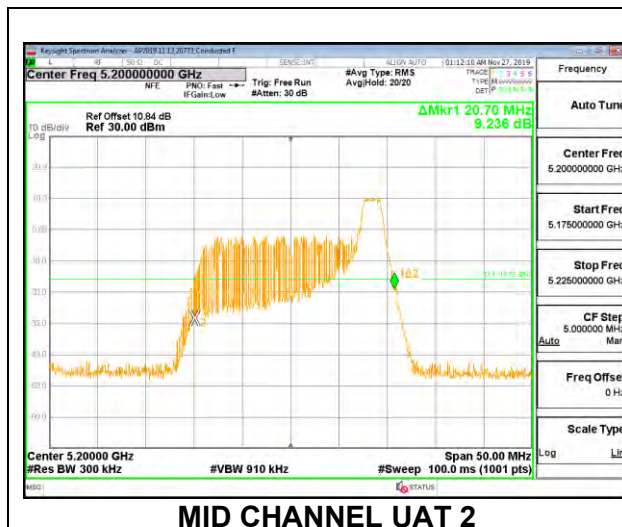
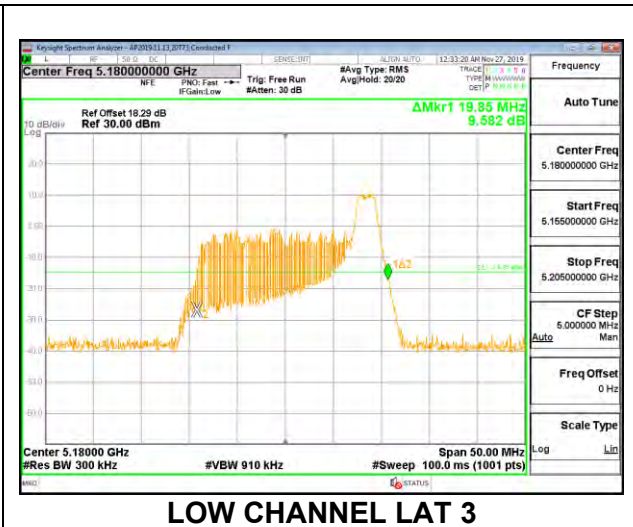
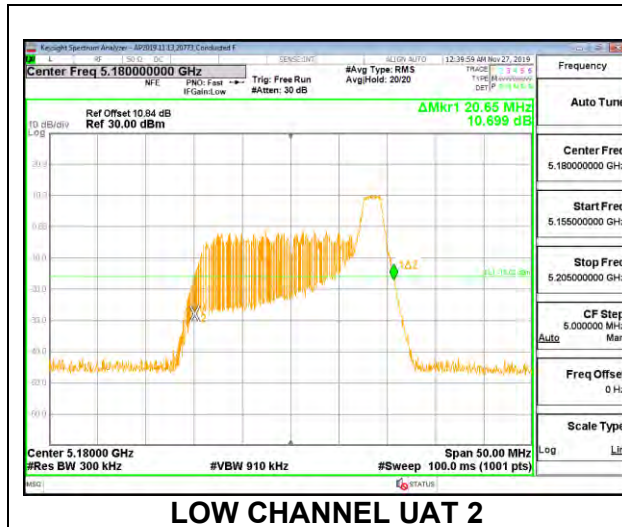
Channel	Frequency (MHz)	26 dB Bandwidth UAT 2 (MHz)	26 dB Bandwidth LAT 3 (MHz)
Low	5180	19.35	18.30
Mid	5200	19.55	18.35
High	5240	19.55	18.40

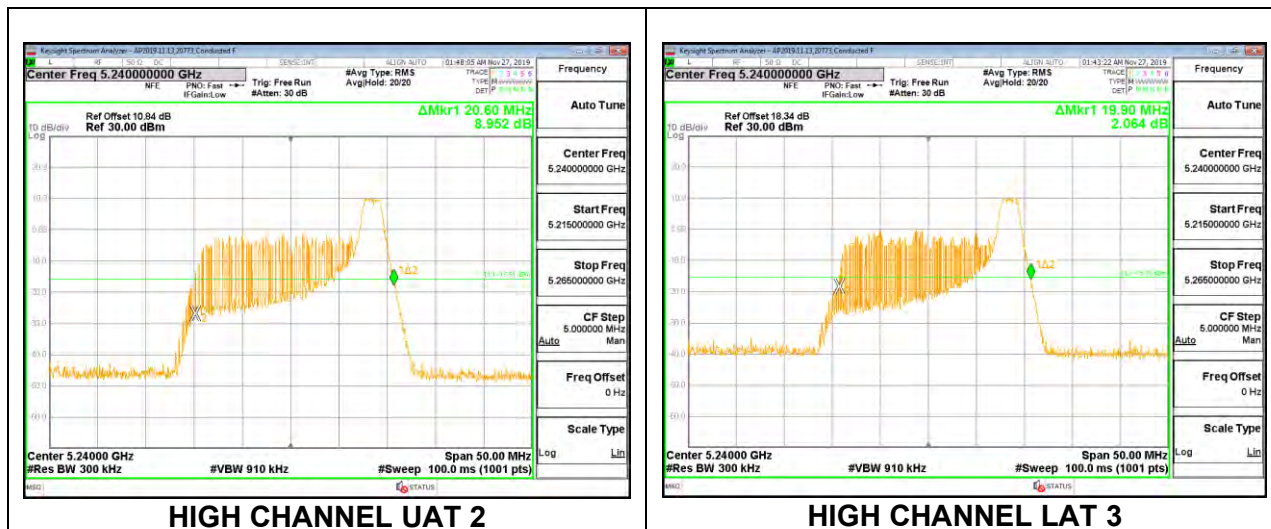




2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth UAT 2 (MHz)	26 dB Bandwidth LAT 3 (MHz)
Low	5180	20.65	19.85
Mid	5200	20.70	19.95
High	5240	20.60	19.90

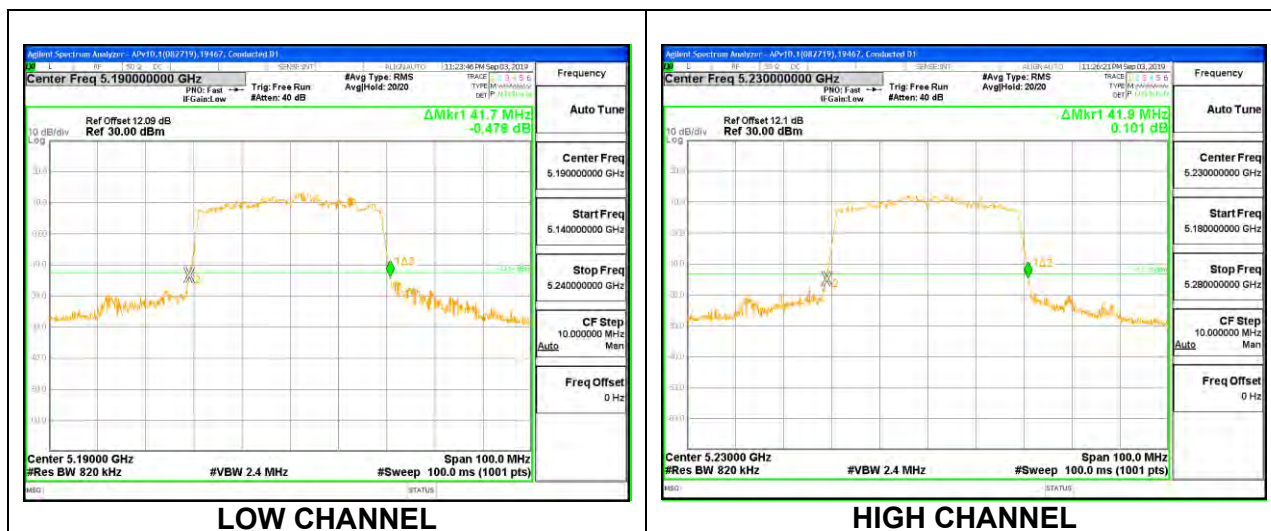




8.2.5. 802.11ax HE40 MODE IN THE 5.2 GHz BAND

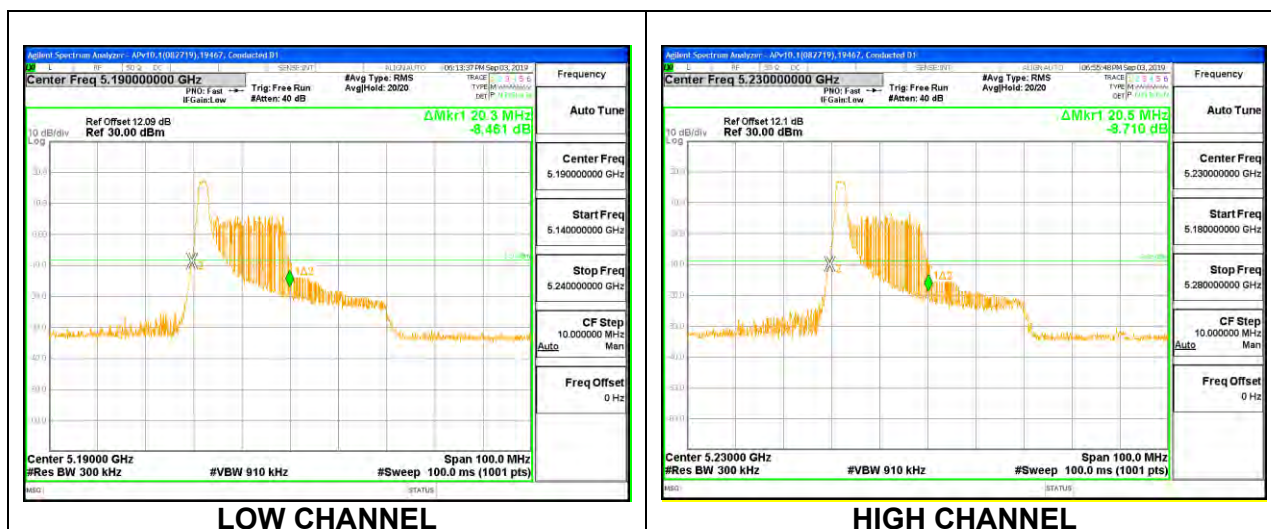
1TX UAT 2 MODE – 484 Tones, RU Index 65

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5190	41.70
High	5230	41.90



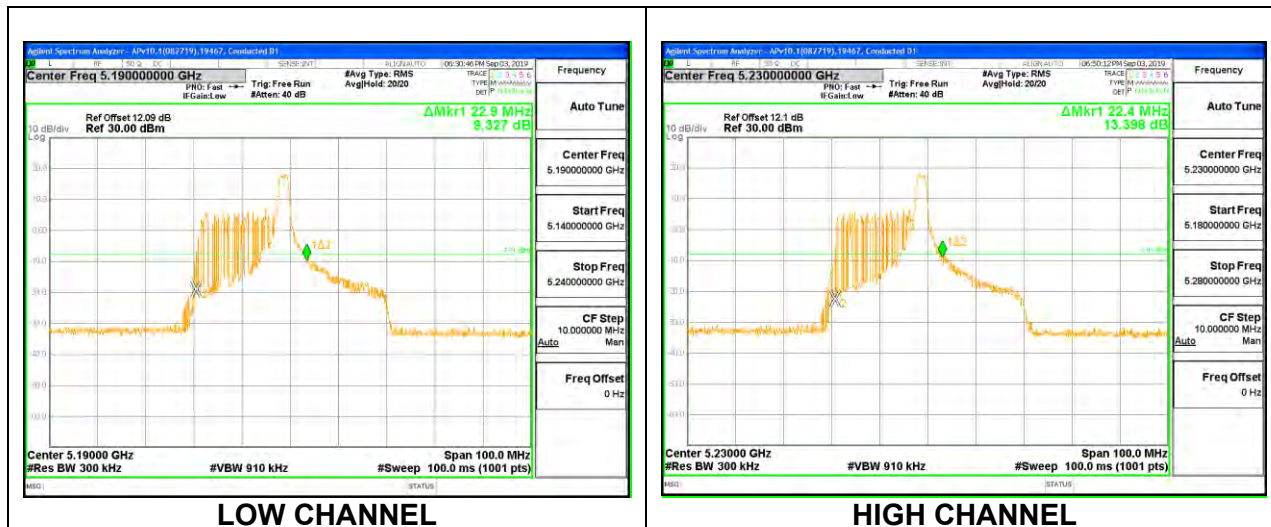
1TX UAT 2 MODE – 26 Tones, RU Index 0

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5190	20.30
High	5230	20.50



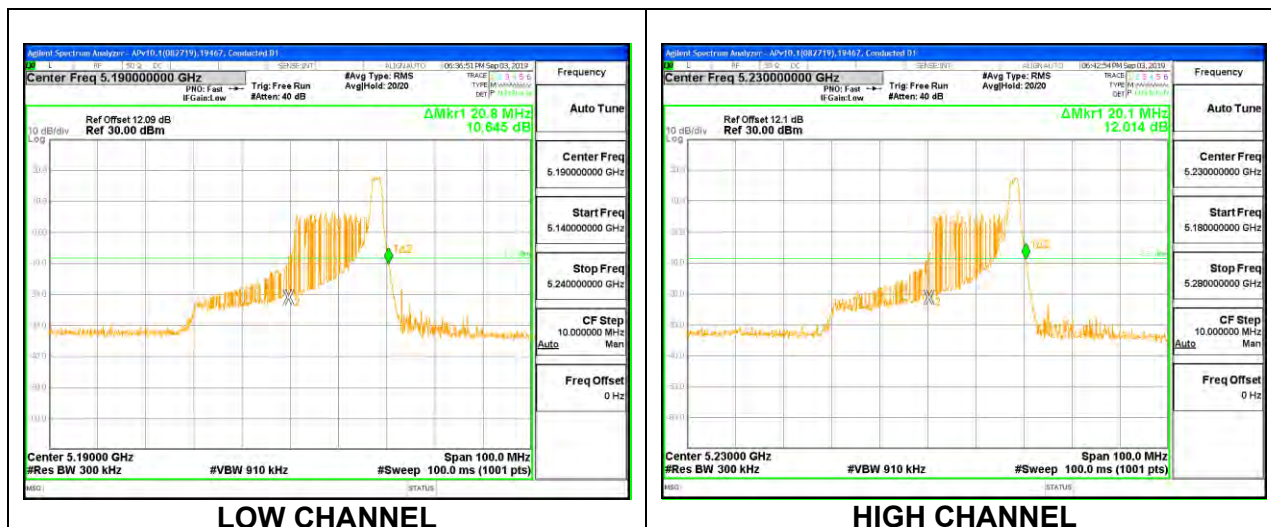
1TX UAT 2 MODE – 26 Tones, RU Index 8

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5190	22.90
High	5230	22.40



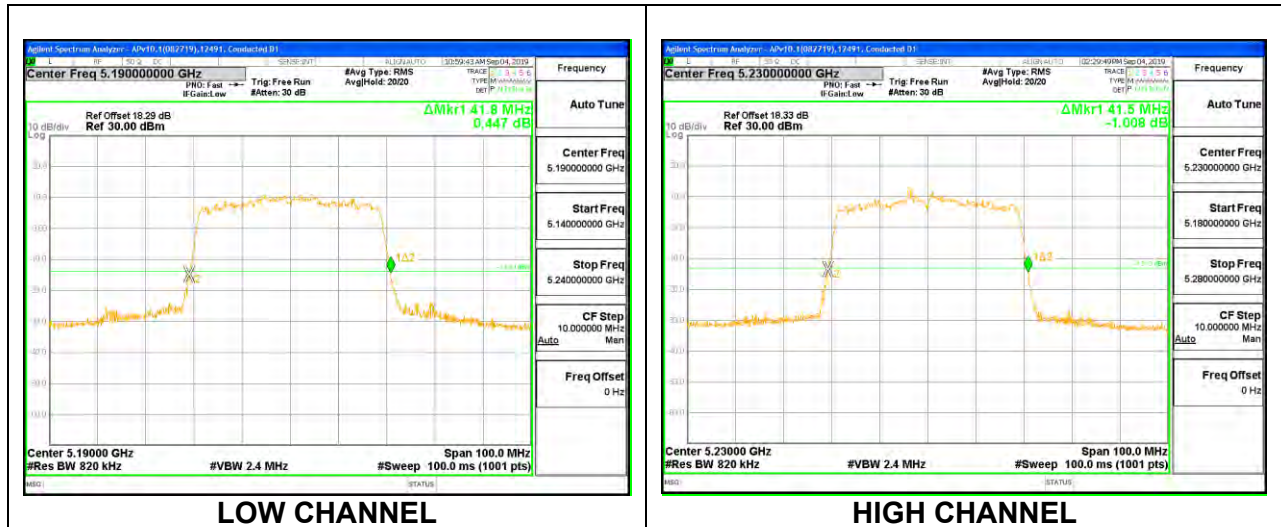
1TX UAT 2 MODE – 26 Tones, RU Index 17

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5190	20.80
High	5230	20.10



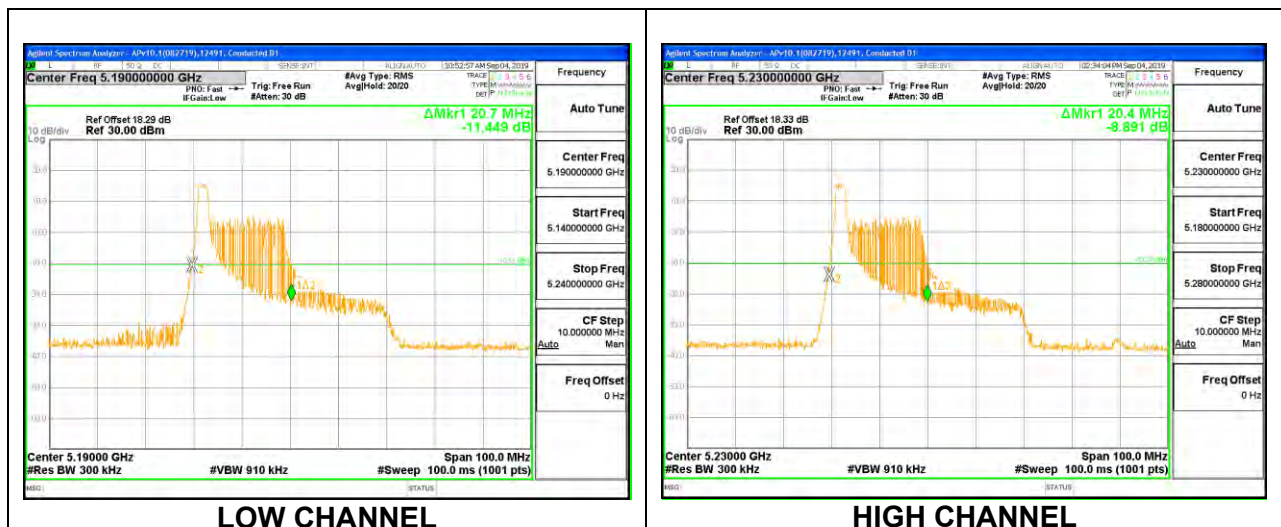
1TX LAT 3 MODE – 484 Tones, RU Index 65

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5190	41.80
High	5230	41.80



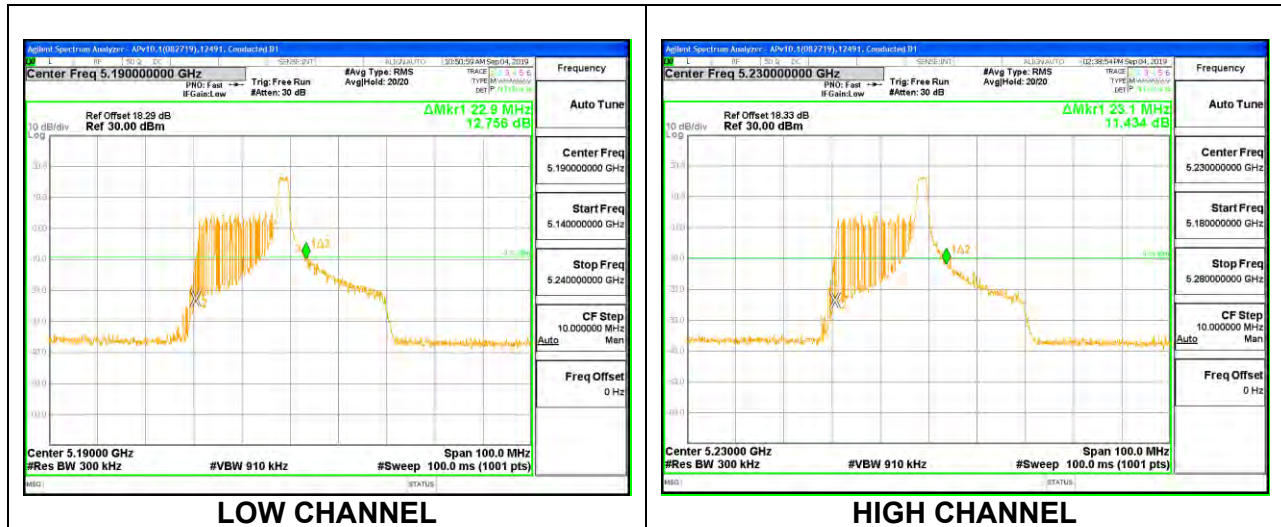
1TX LAT 3 MODE – 26 Tones, RU Index 0

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5190	22.30
High	5230	22.00



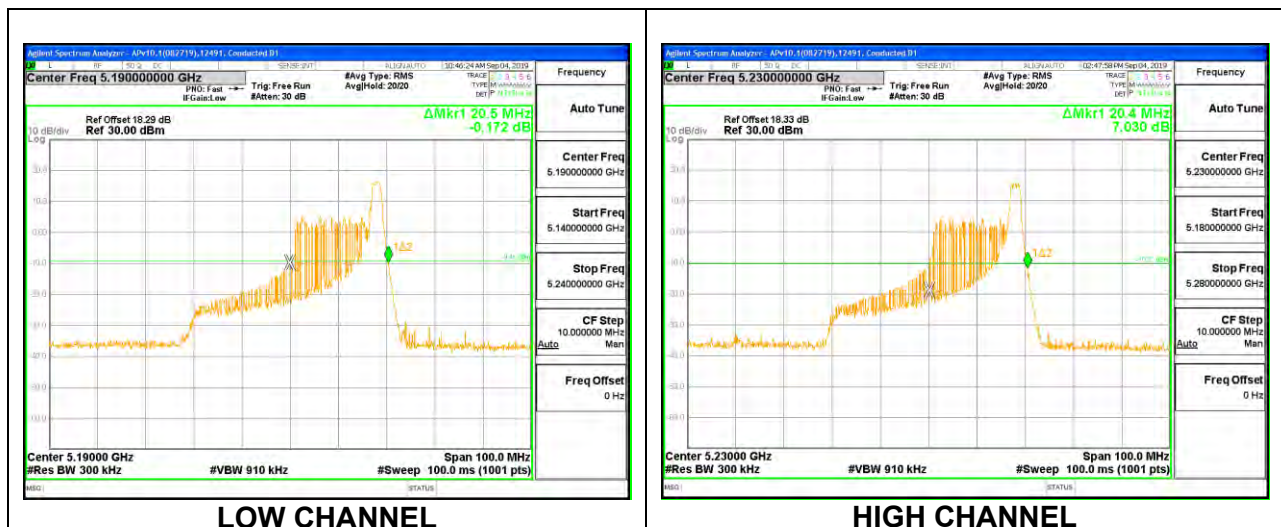
1TX LAT 3 MODE – 26 Tones, RU Index 8

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5190	22.90
High	5230	23.10



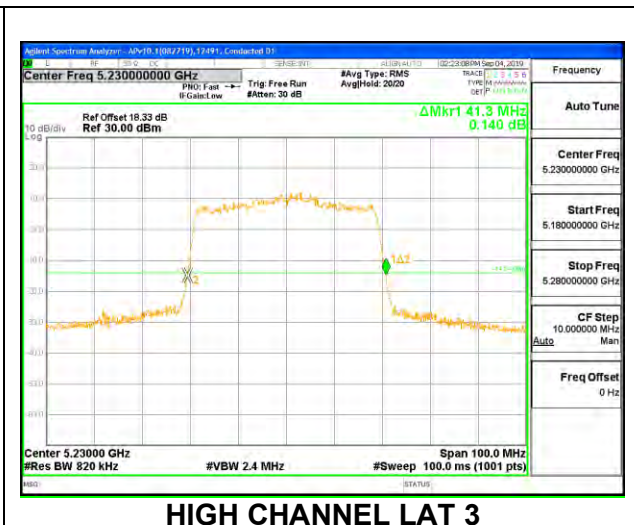
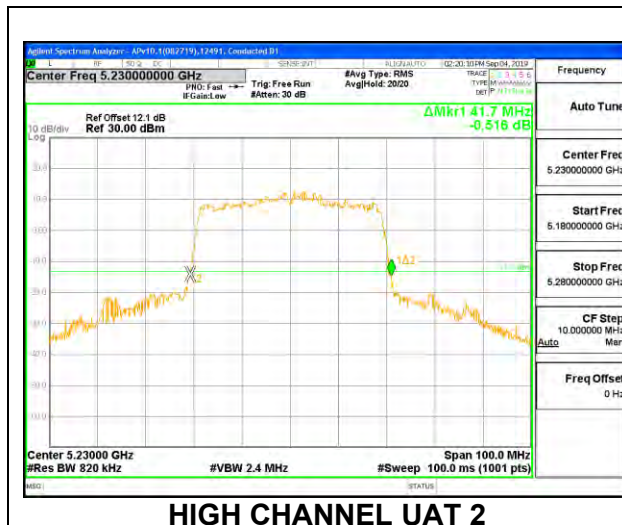
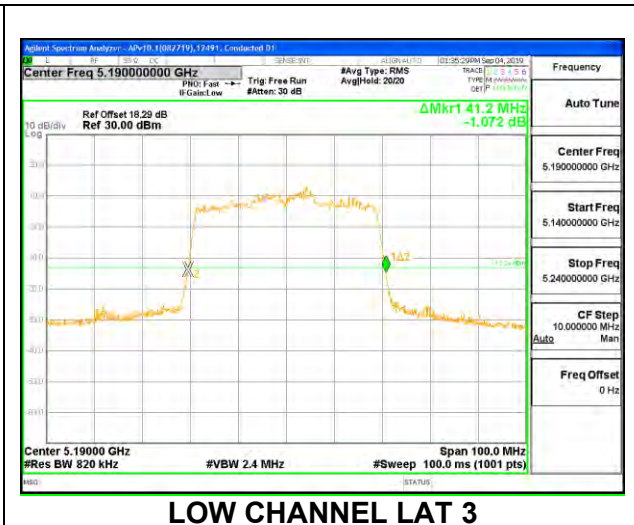
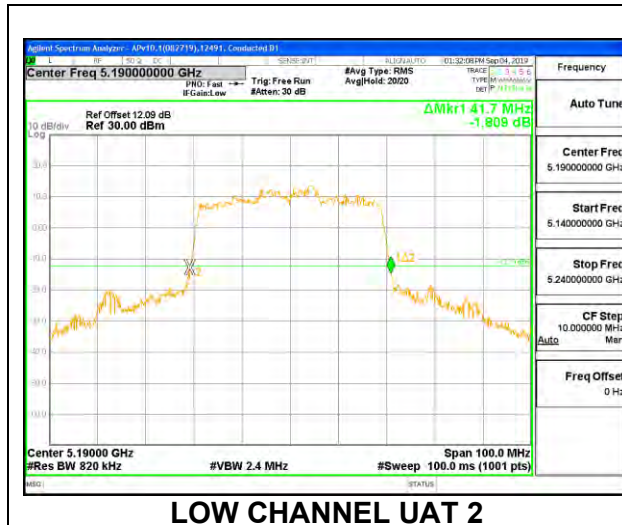
1TX LAT 3 MODE – 26 Tones, RU Index 17

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5190	20.50
High	5230	20.40



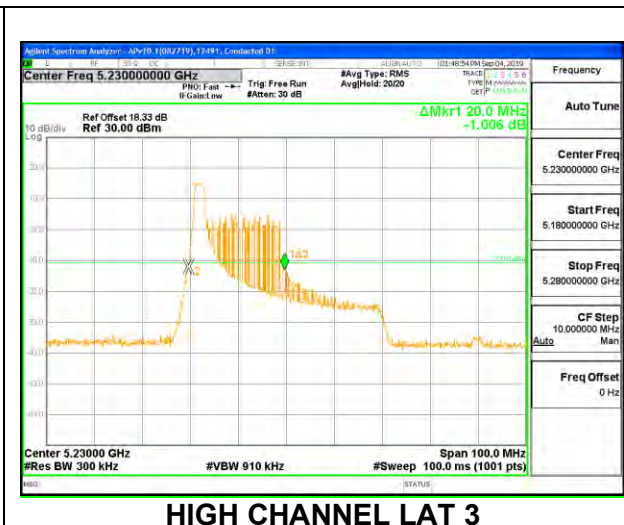
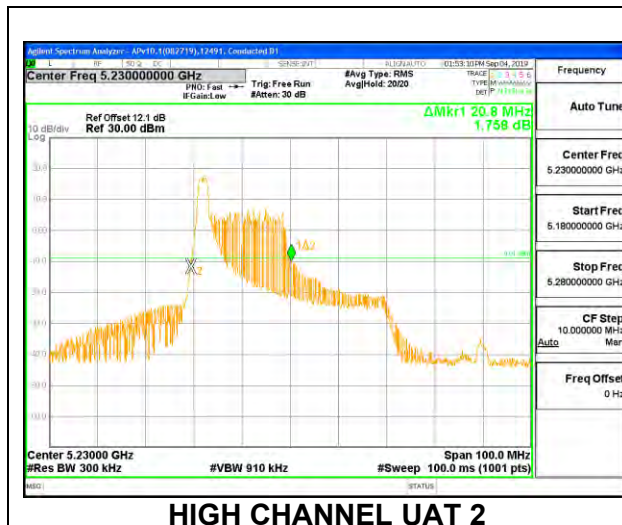
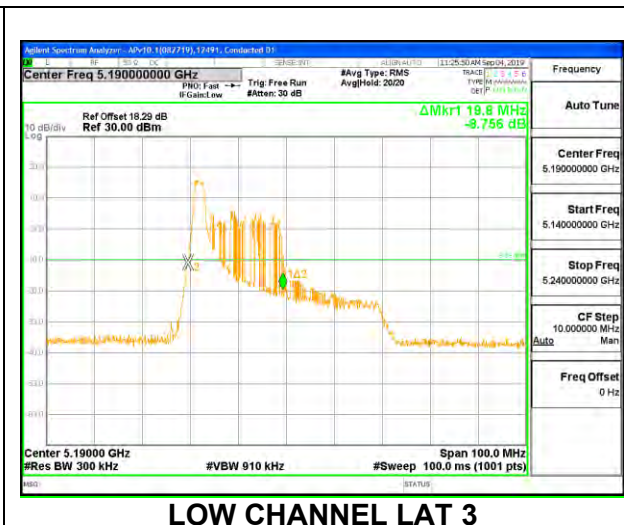
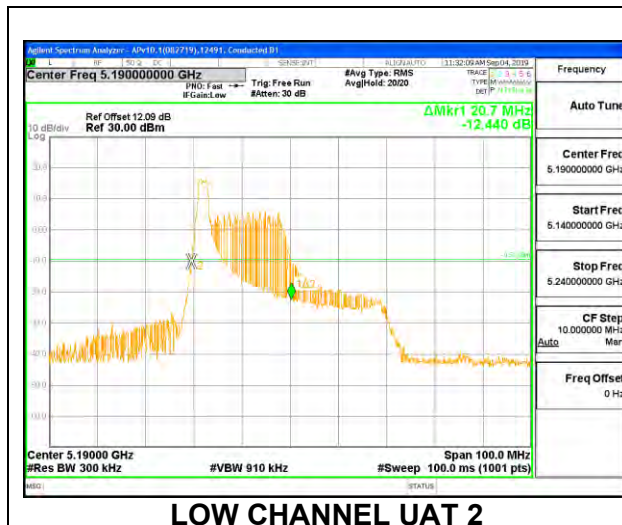
2TX UAT 2 + LAT 3 OFDMA MODE – 484 Tones, RU Index 65

Channel	Frequency (MHz)	26 dB Bandwidth UAT 2 (MHz)	26 dB Bandwidth LAT 3 (MHz)
Low	5190	41.70	41.20
High	5230	41.70	41.30



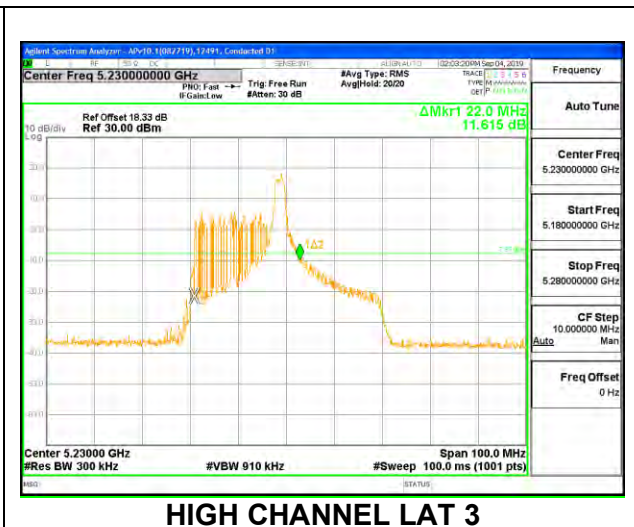
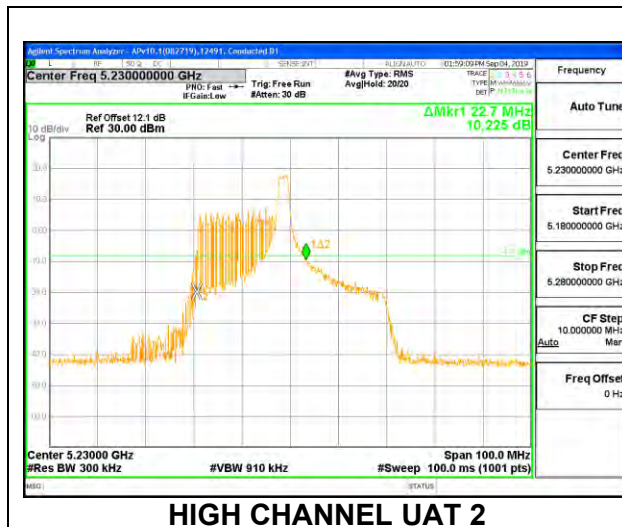
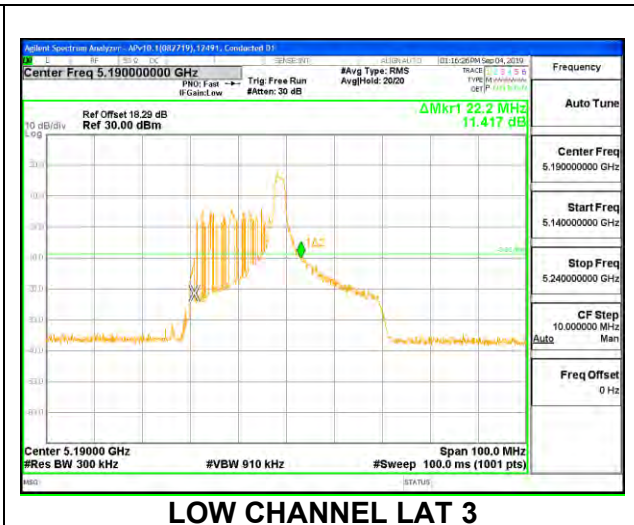
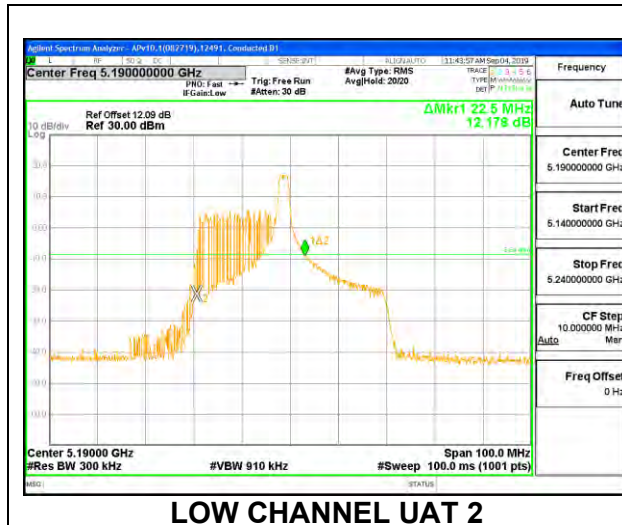
2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth	26 dB Bandwidth
		UAT 2 (MHz)	LAT 3 (MHz)
Low	5190	20.70	19.80
High	5230	20.80	20.00



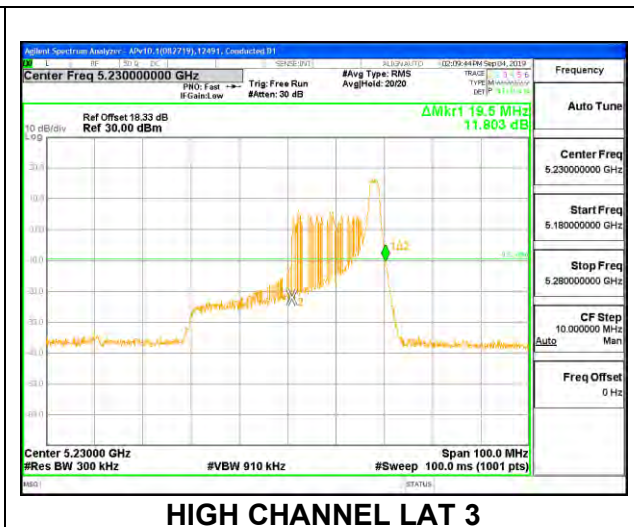
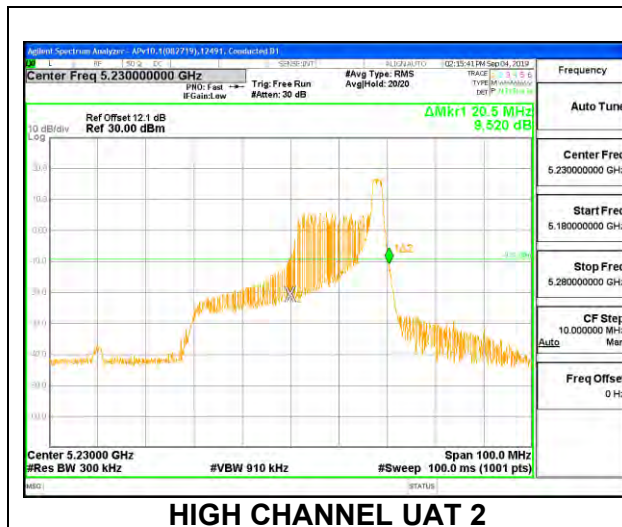
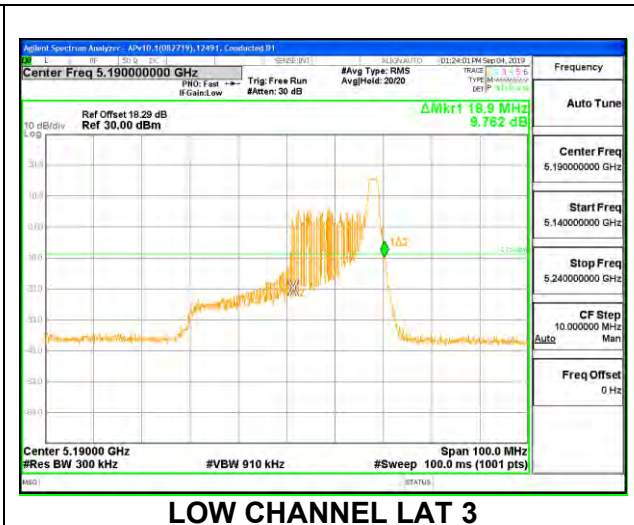
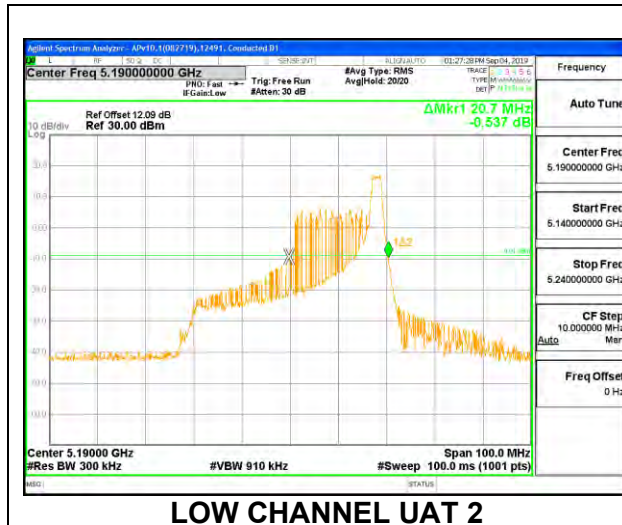
2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth	26 dB Bandwidth
		UAT 2 (MHz)	LAT 3 (MHz)
Low	5190	22.50	22.20
High	5230	22.70	22.00



2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 17

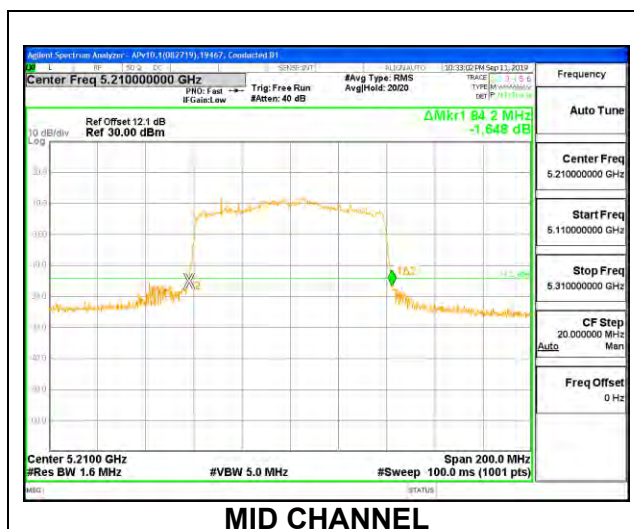
Channel	Frequency (MHz)	26 dB Bandwidth	26 dB Bandwidth
		UAT 2 (MHz)	LAT 3 (MHz)
Low	5190	20.70	18.90
High	5230	20.50	19.50



8.2.6. 802.11ax HE80 MODE IN THE 5.2 GHz BAND

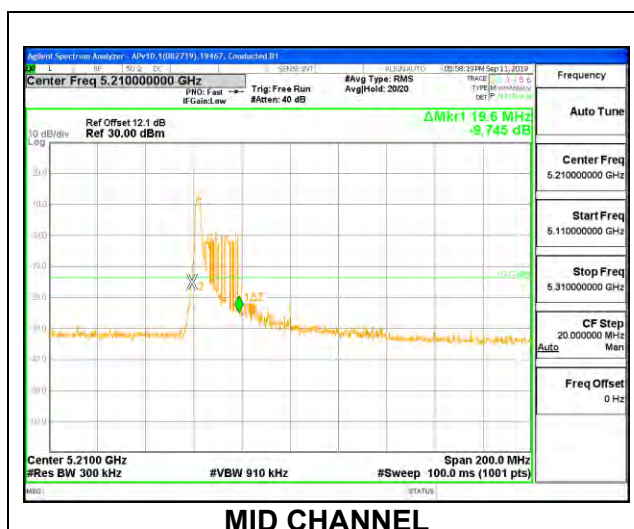
1TX UAT 2 MODE – 996 Tones, RU Index 67

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	84.20



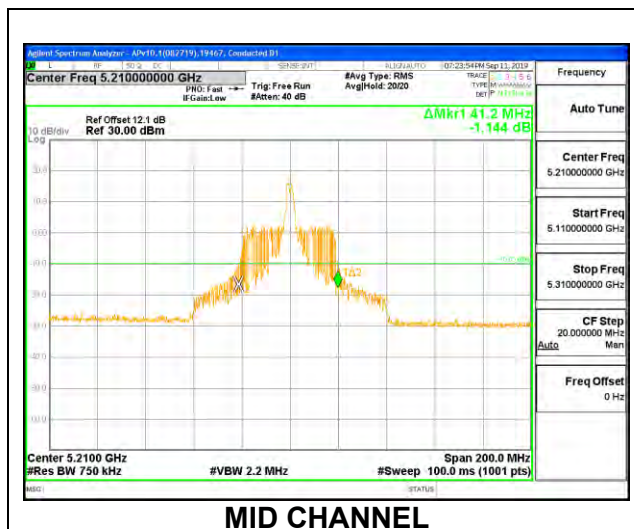
1TX UAT 2 MODE – 26 Tones, RU Index 0

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	19.60



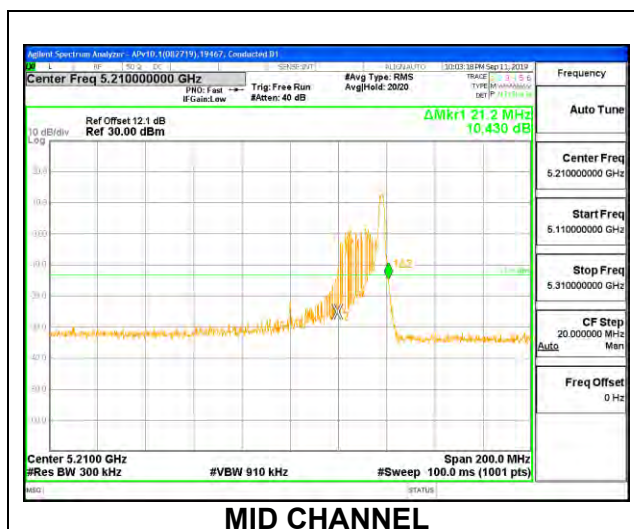
1TX UAT 2 MODE – 26 Tones, RU Index 18

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	41.20



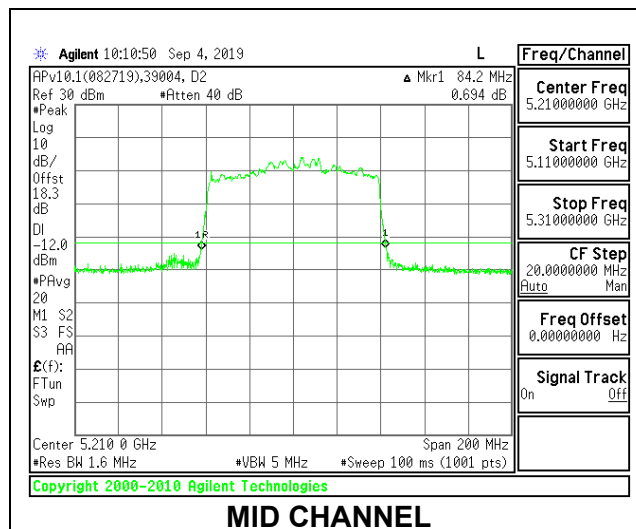
1TX UAT 2 MODE – 26 Tones, RU Index 36

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	21.20



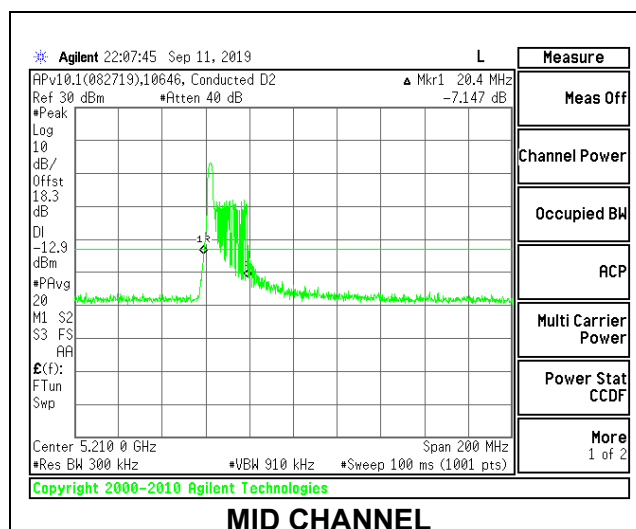
1TX LAT 3 MODE – 996 Tones, RU Index 67

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	84.20



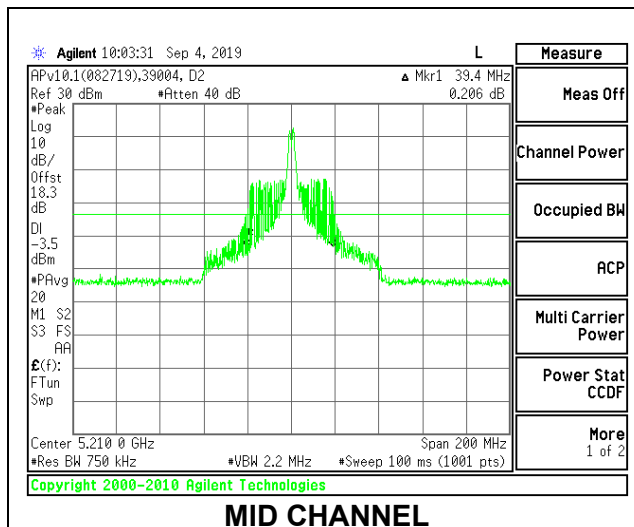
1TX LAT 3 MODE – 26 Tones, RU Index 0

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	20.80



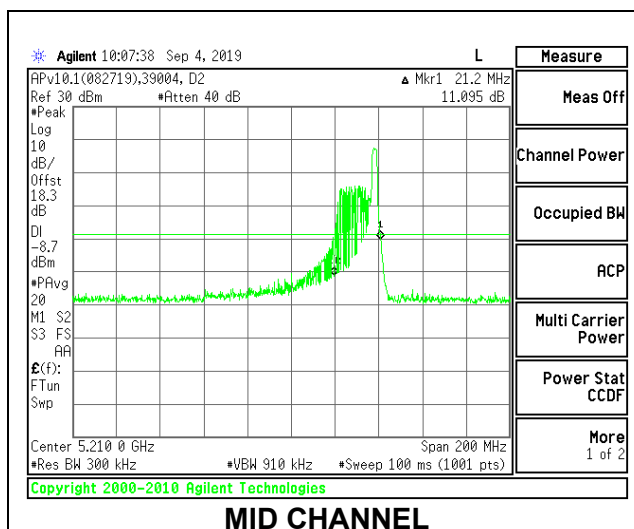
1TX LAT 3 MODE – 26 Tones, RU Index 18

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	39.40



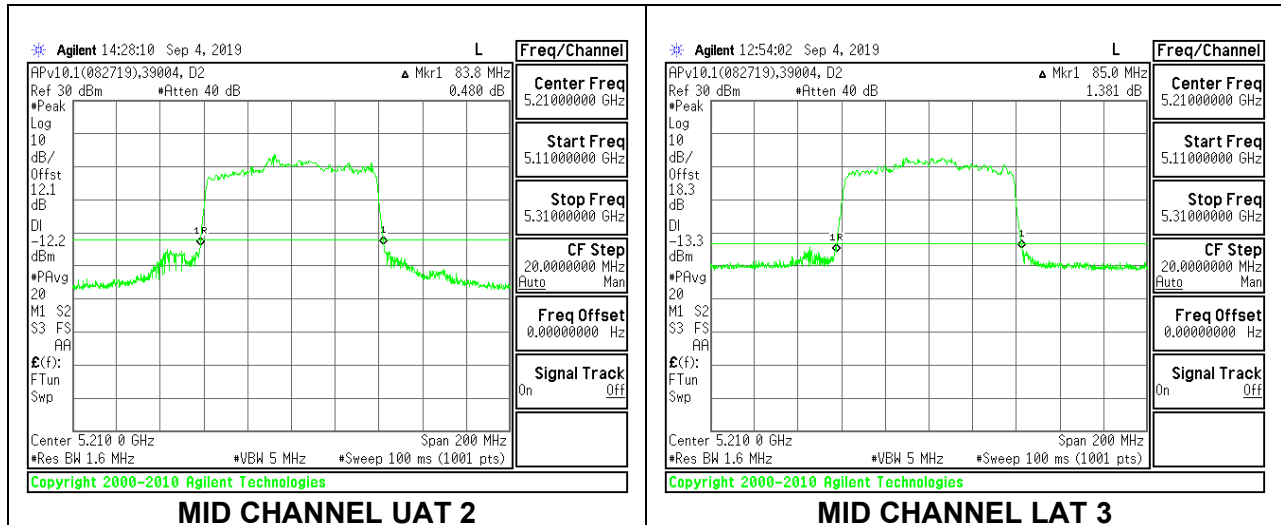
1TX LAT 3 MODE – 26 Tones, RU Index 36

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	21.20



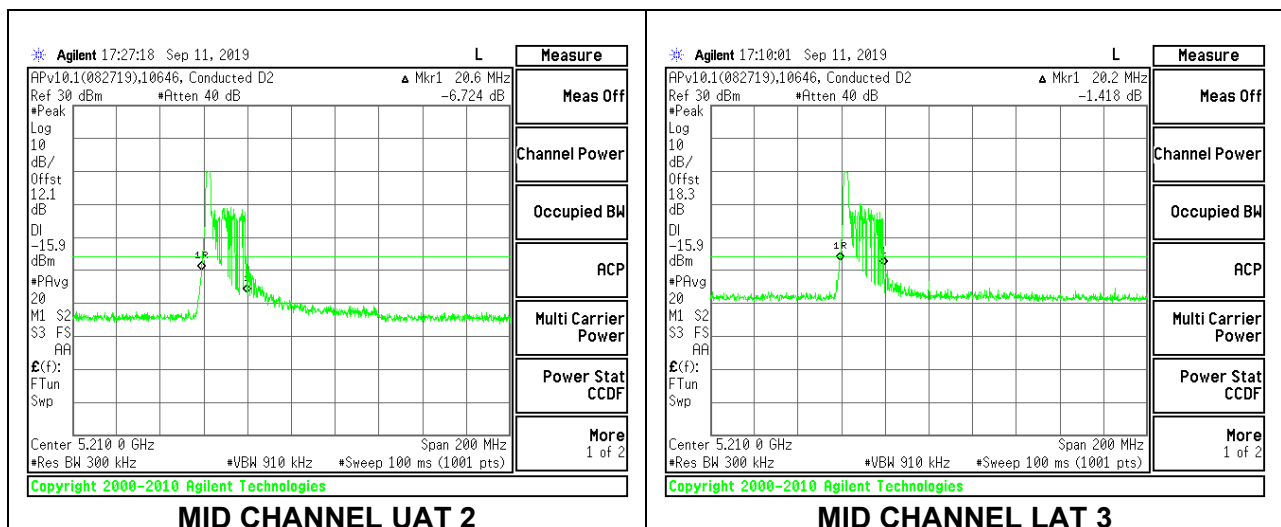
2TX UAT 2 + LAT 3 OFDMA MODE – 996 Tones, RU 67

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2	LAT 3
		(MHz)	(MHz)
Mid	5210	83.80	85.00



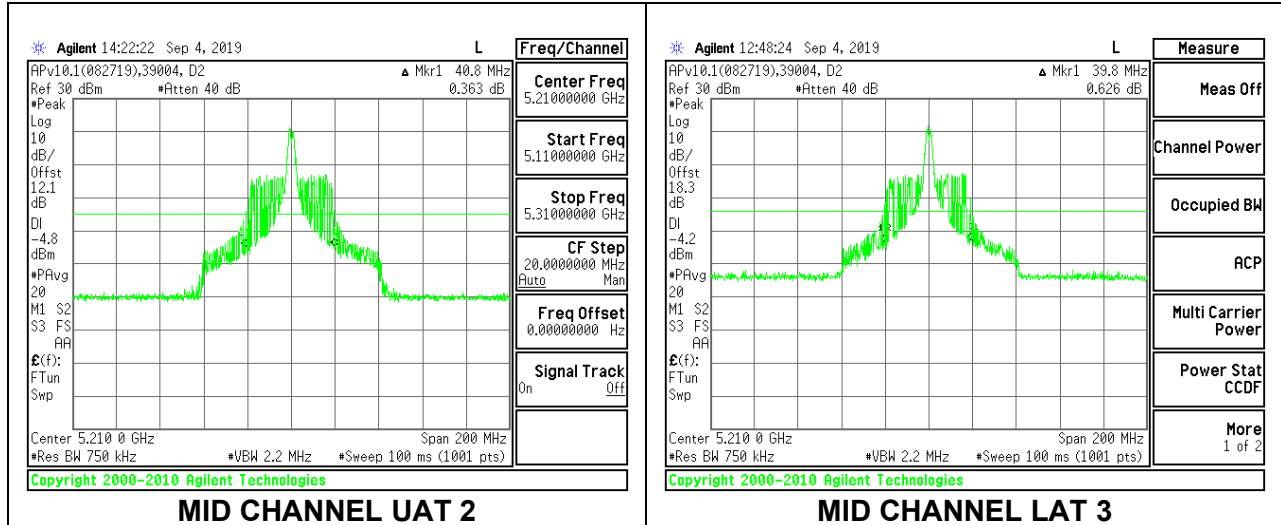
2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU 0

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2	LAT 3
		(MHz)	(MHz)
Mid	5210	20.60	20.20



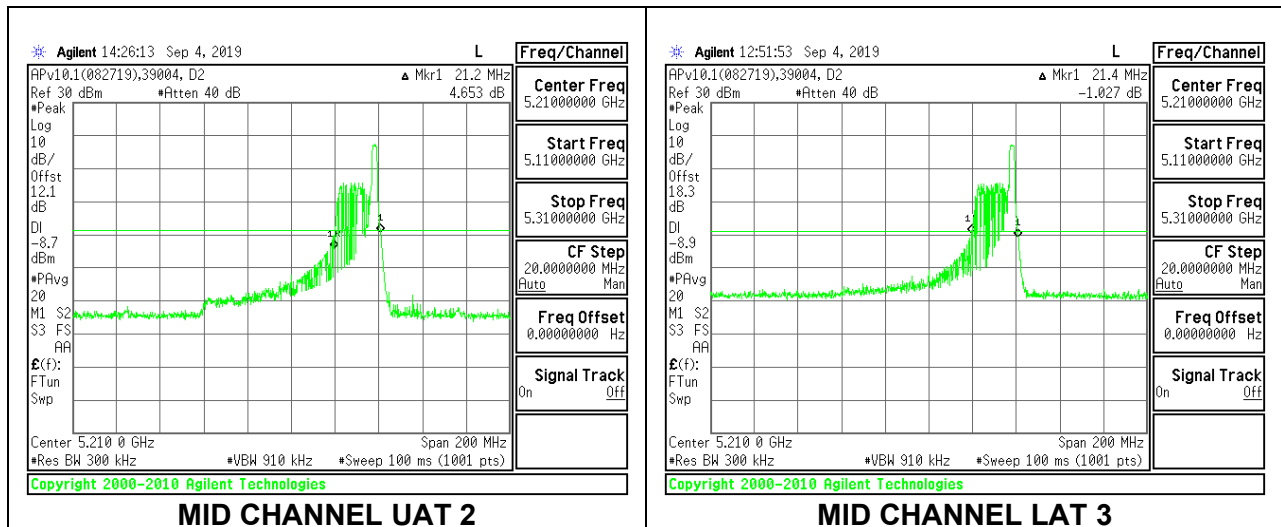
2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU 18

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2	LAT 3
		(MHz)	(MHz)
Mid	5210	40.80	39.80



2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU 36

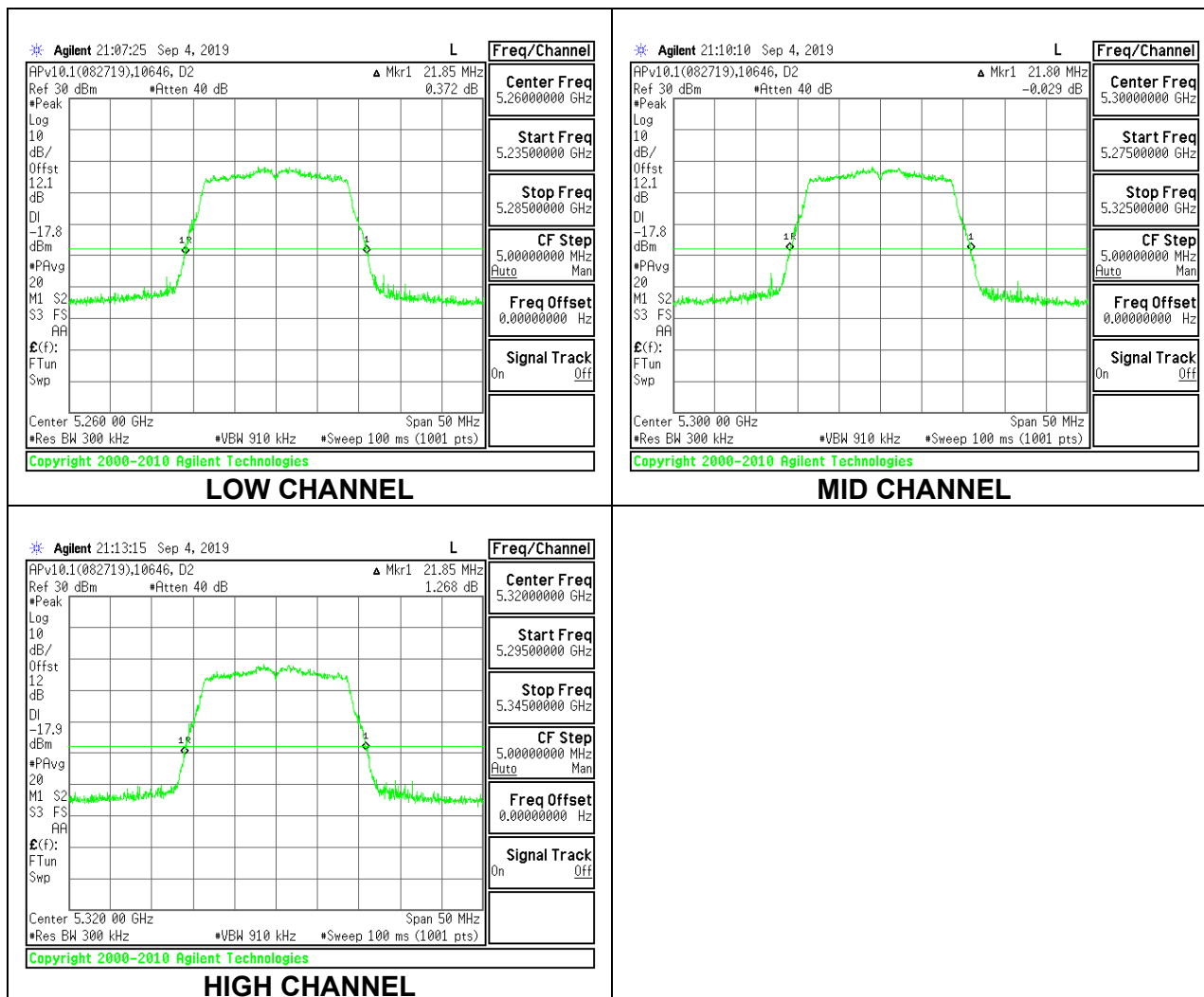
Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2	LAT 3
		(MHz)	(MHz)
Mid	5210	21.20	21.40



8.2.7. 802.11n HT20 MODE IN THE 5.3 GHz BAND

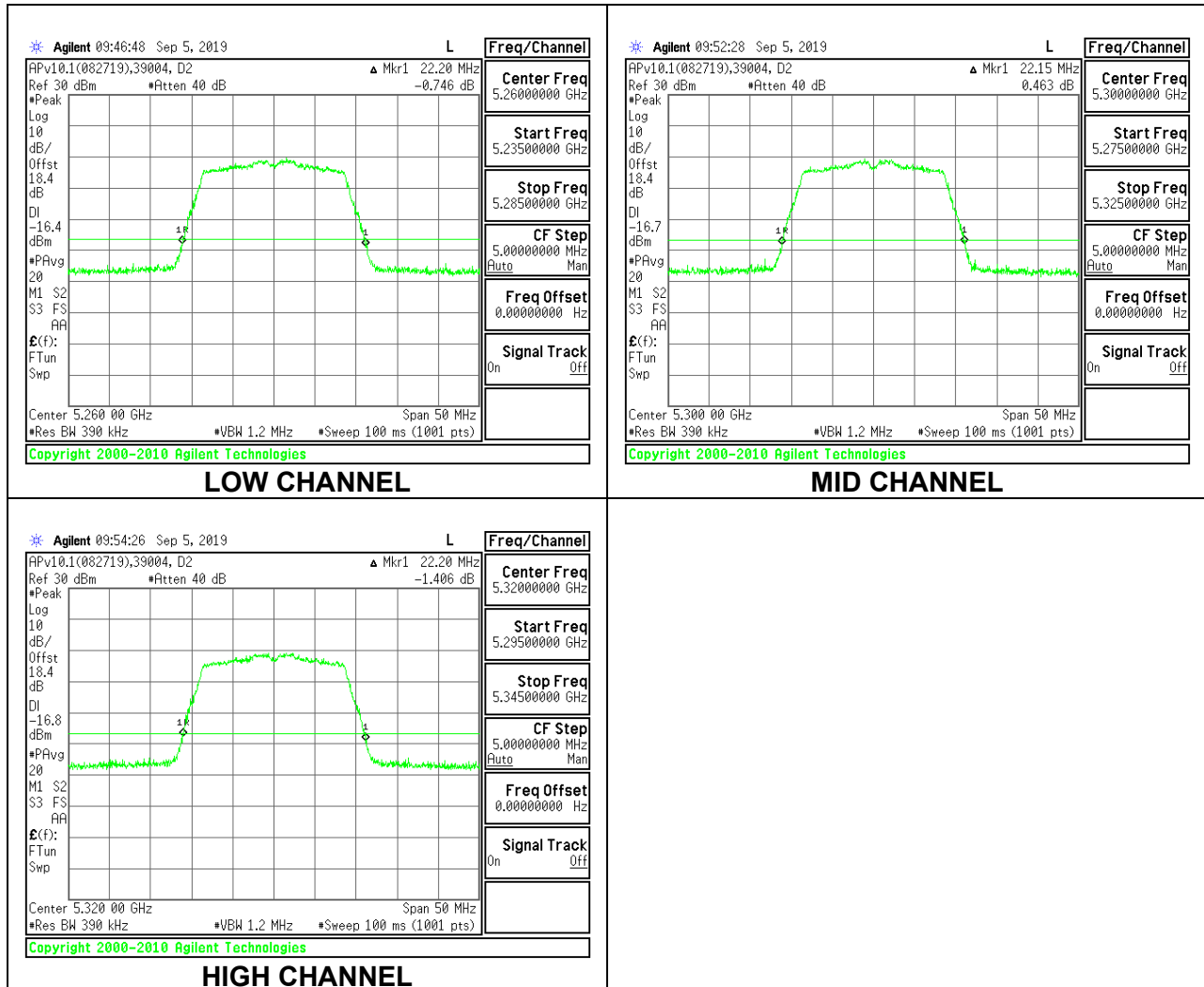
1TX UAT 2 MODE

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5260	21.85
Mid	5300	21.80
High	5320	21.85



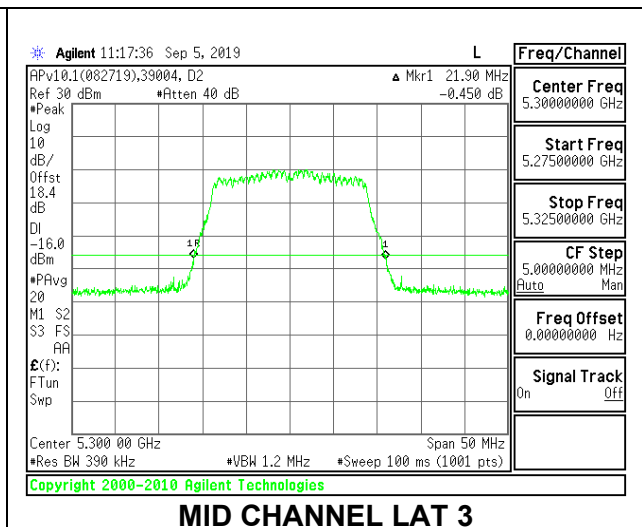
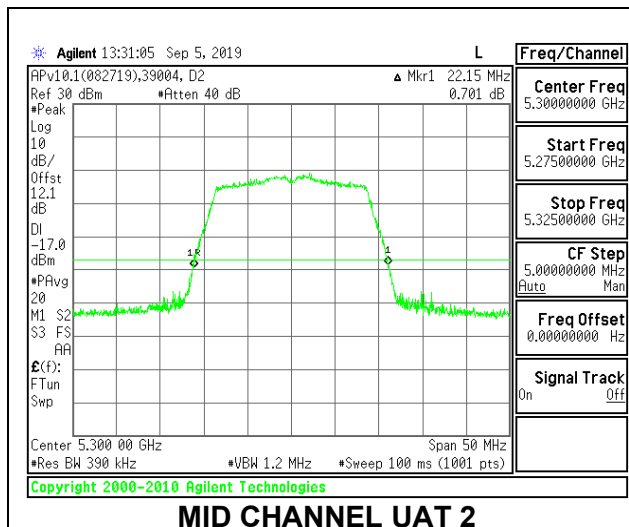
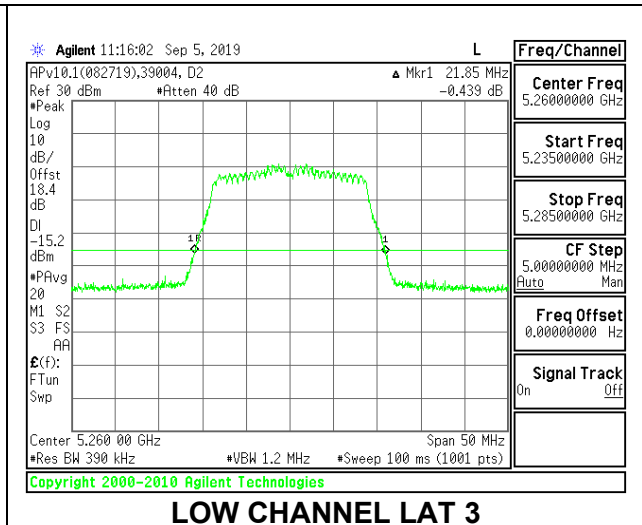
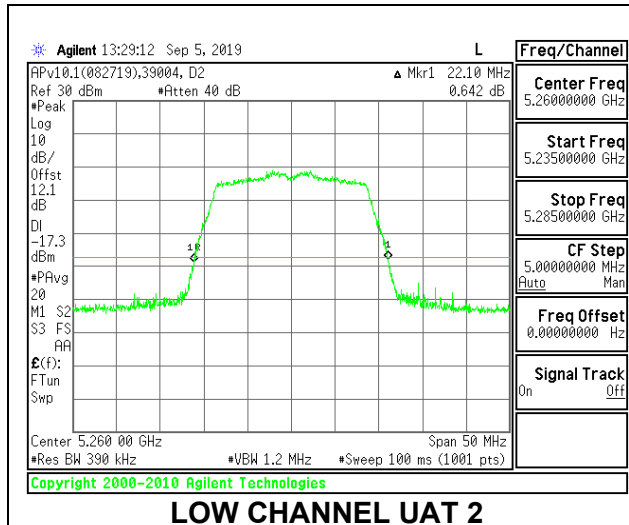
1TX LAT 3 MODE

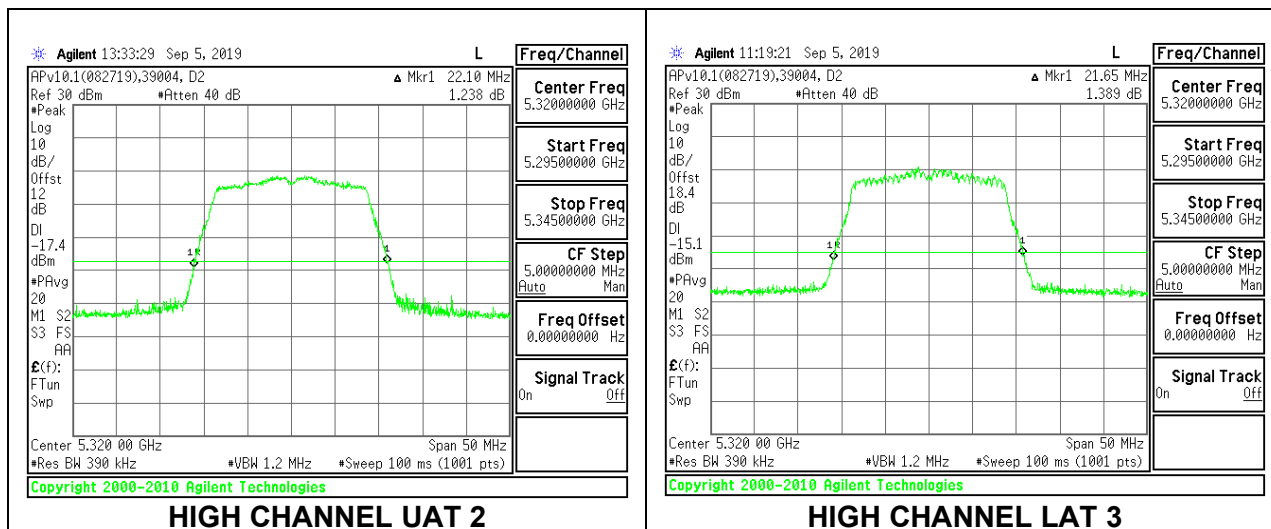
Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Low	5260	22.20
Mid	5300	22.15
High	5320	22.20



2TX UAT 2 + LAT 3 CDD MODE

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2 (MHz)	LAT 3 (MHz)
Low	5260	22.10	21.85
Mid	5300	22.15	21.90
High	5320	22.10	21.65

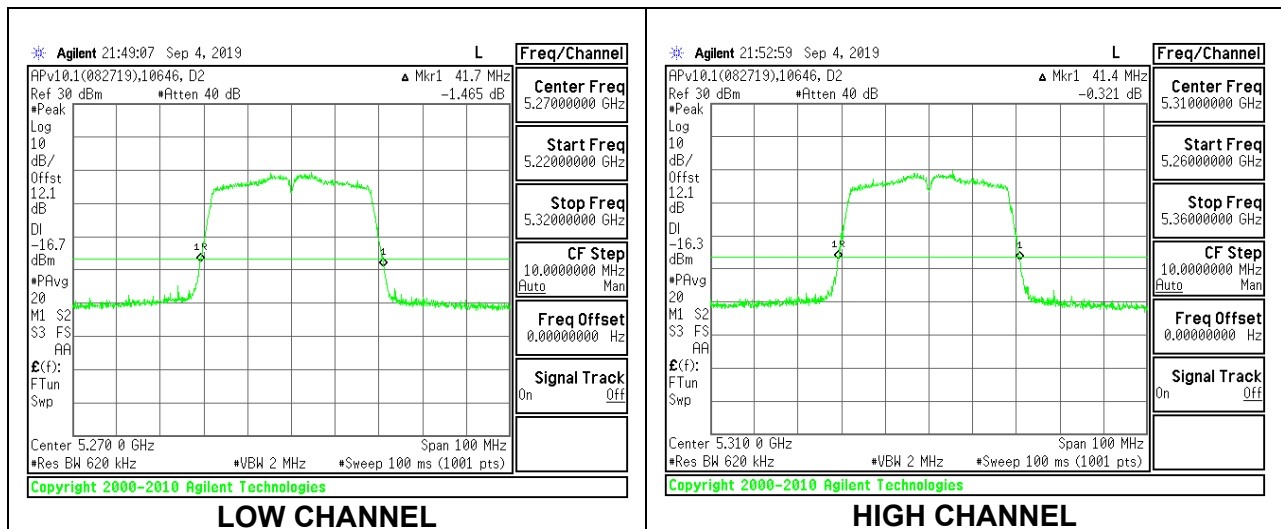




8.2.8. 802.11n HT40 MODE IN THE 5.3 GHz BAND

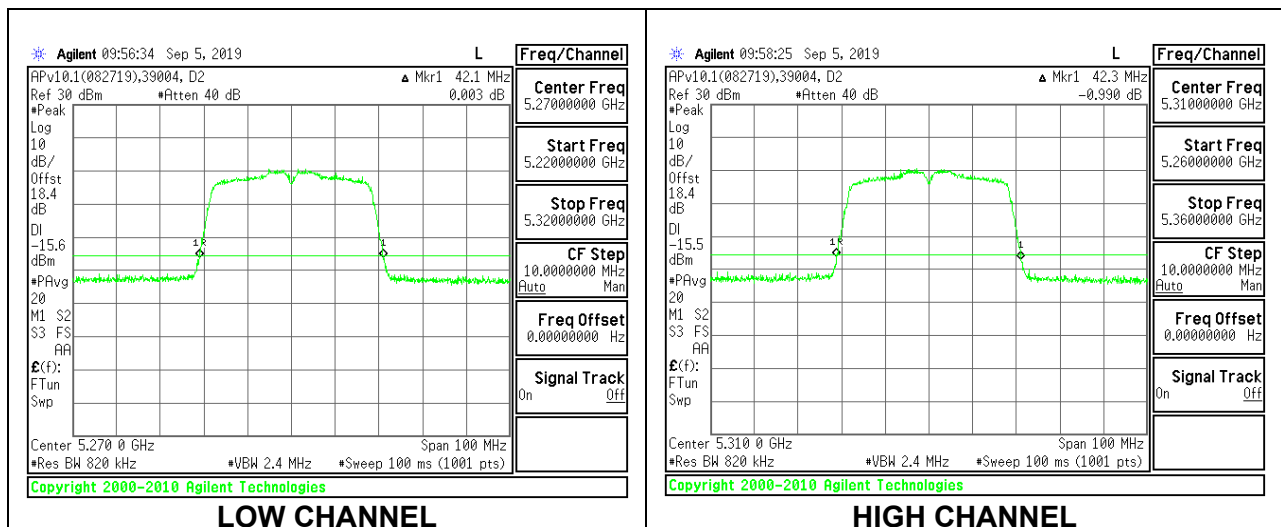
1TX UAT 2 MODE

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5270	41.70
High	5310	41.40



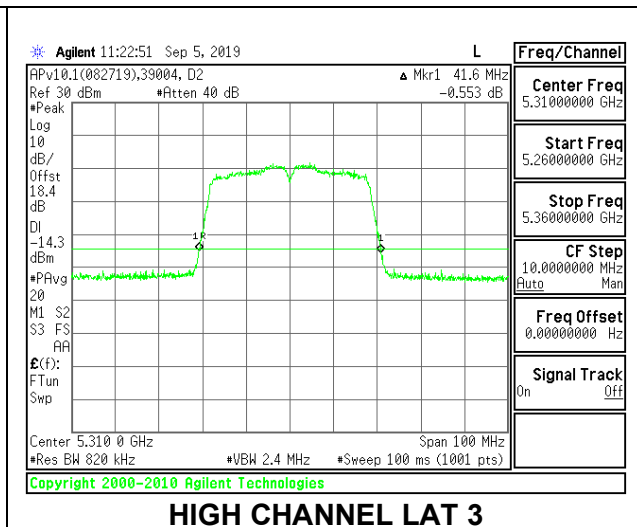
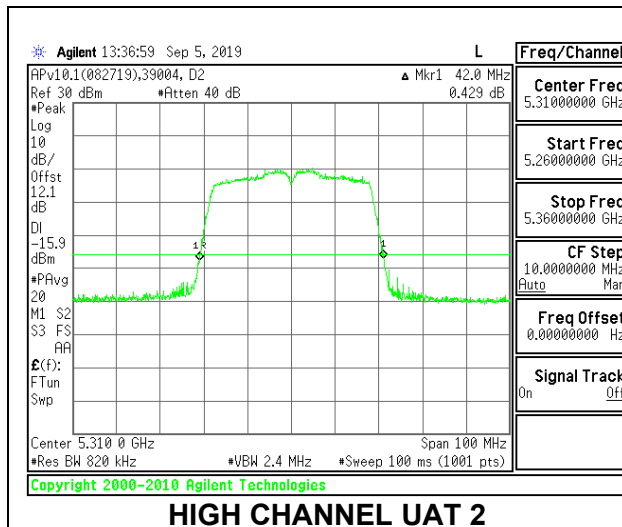
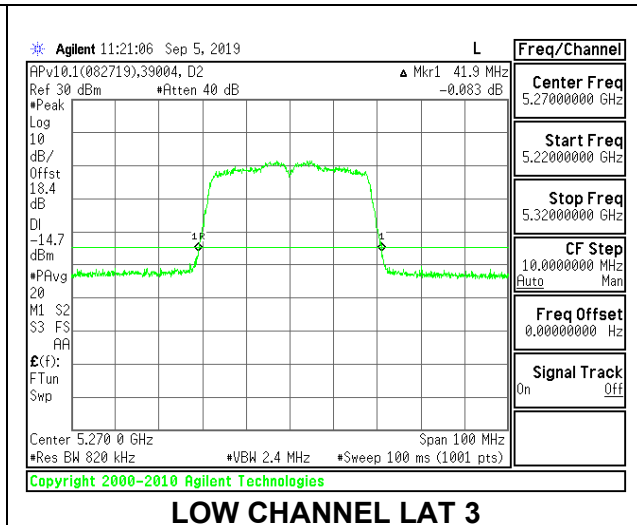
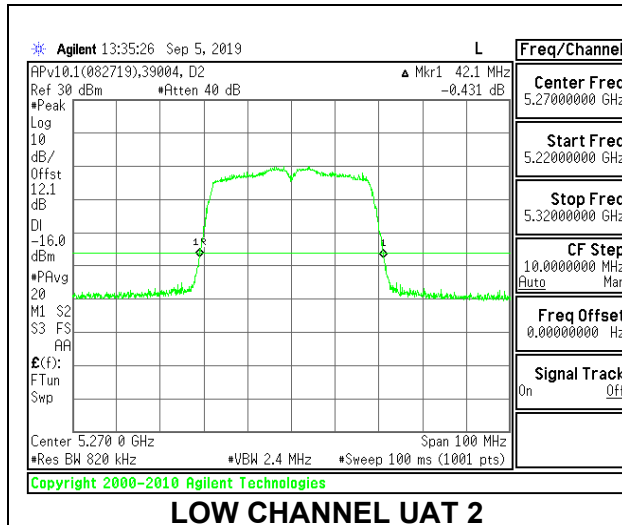
1TX LAT 3 MODE

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5270	42.10
High	5310	42.30



2TX UAT 2 + LAT 3 CDD MODE

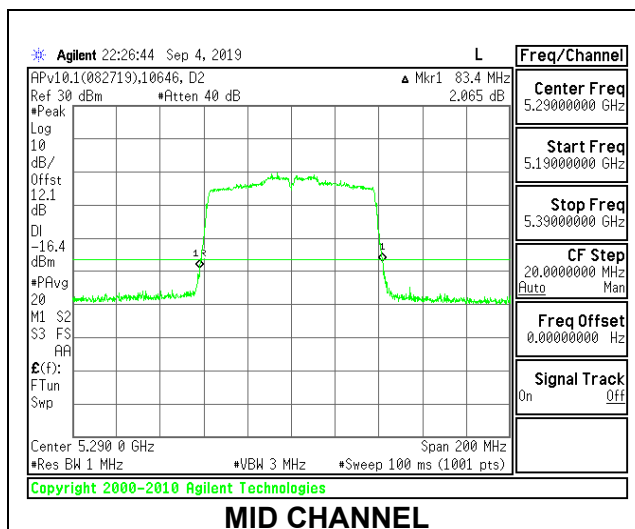
Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2	LAT 3
		(MHz)	(MHz)
Low	5270	42.10	41.90
High	5310	42.00	41.60



8.2.9. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

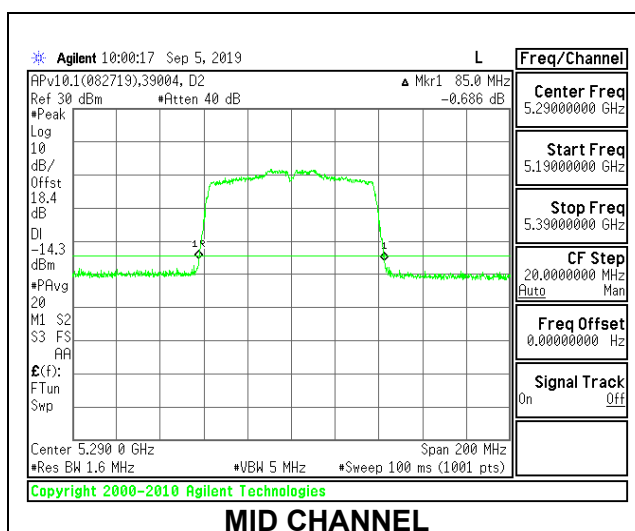
1TX UAT 2 MODE

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5290	83.40



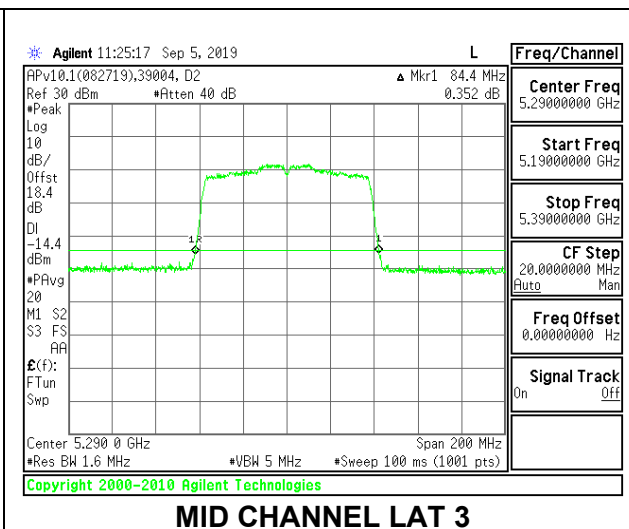
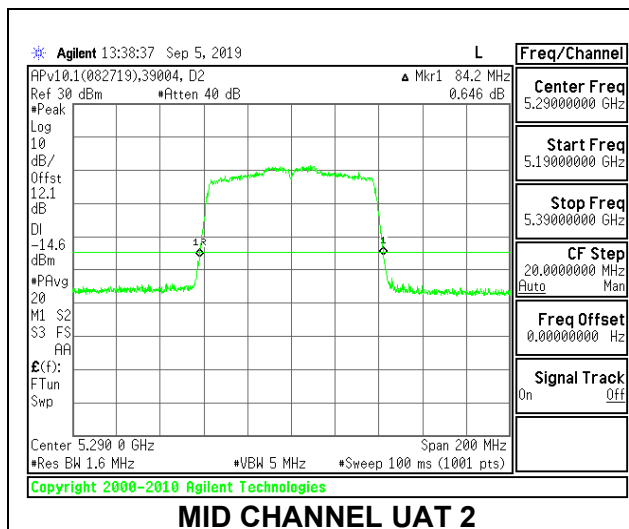
1TX LAT 3 MODE

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5290	85.00



2TX UAT 2 + LAT 3 CDD MODE

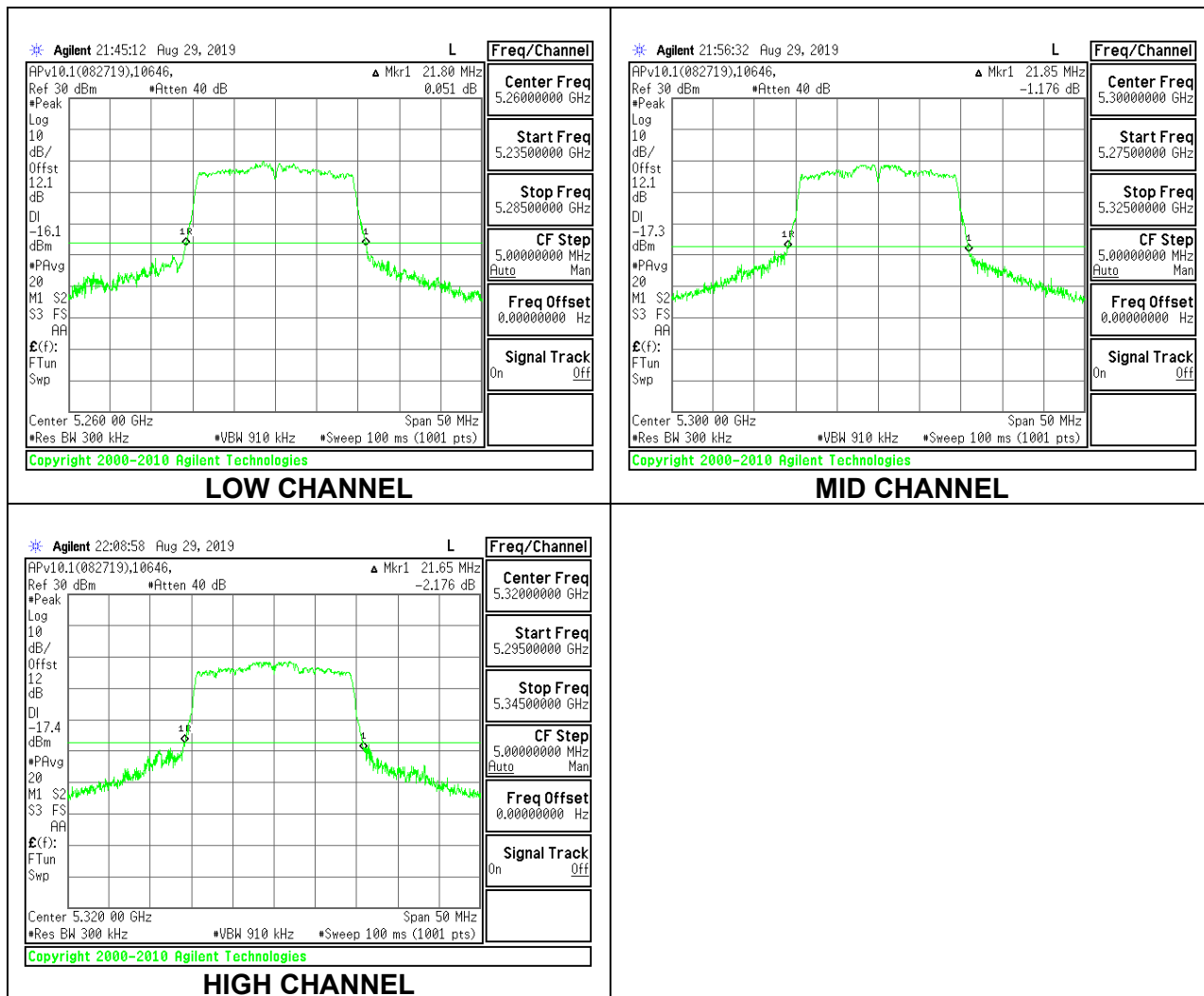
Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2 (MHz)	LAT 3 (MHz)
Mid	5290	84.20	84.40



8.2.10. 802.11ax HE20 MODE IN THE 5.3 GHZ BAND

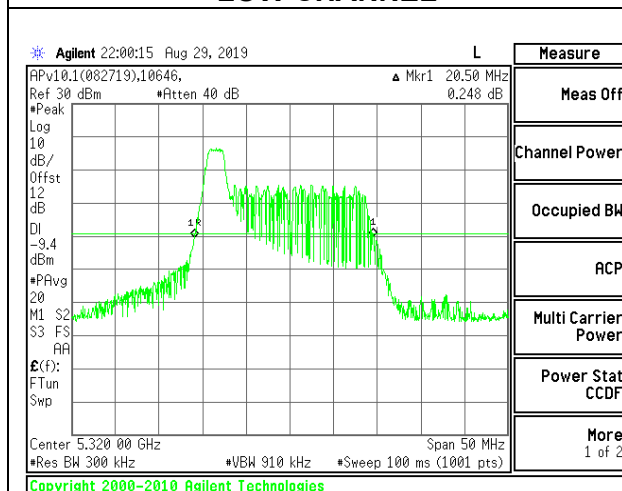
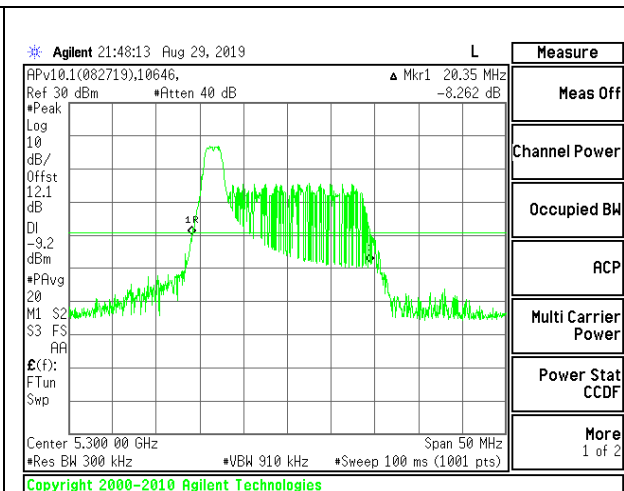
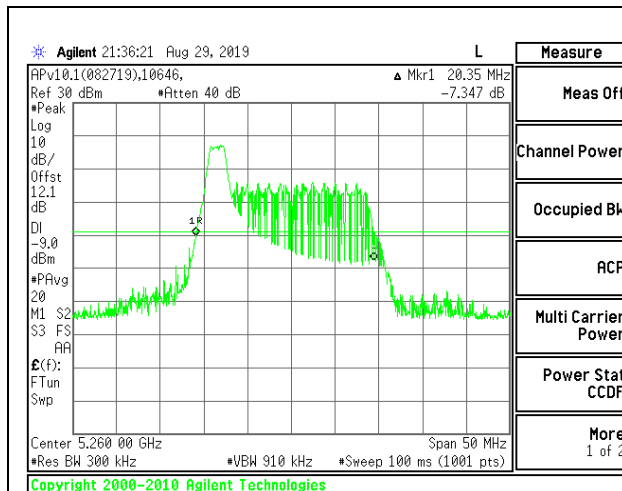
1TX UAT 2 MODE – 242 Tones, RU Index 61

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5260	21.80
Mid	5300	21.85
High	5320	21.65



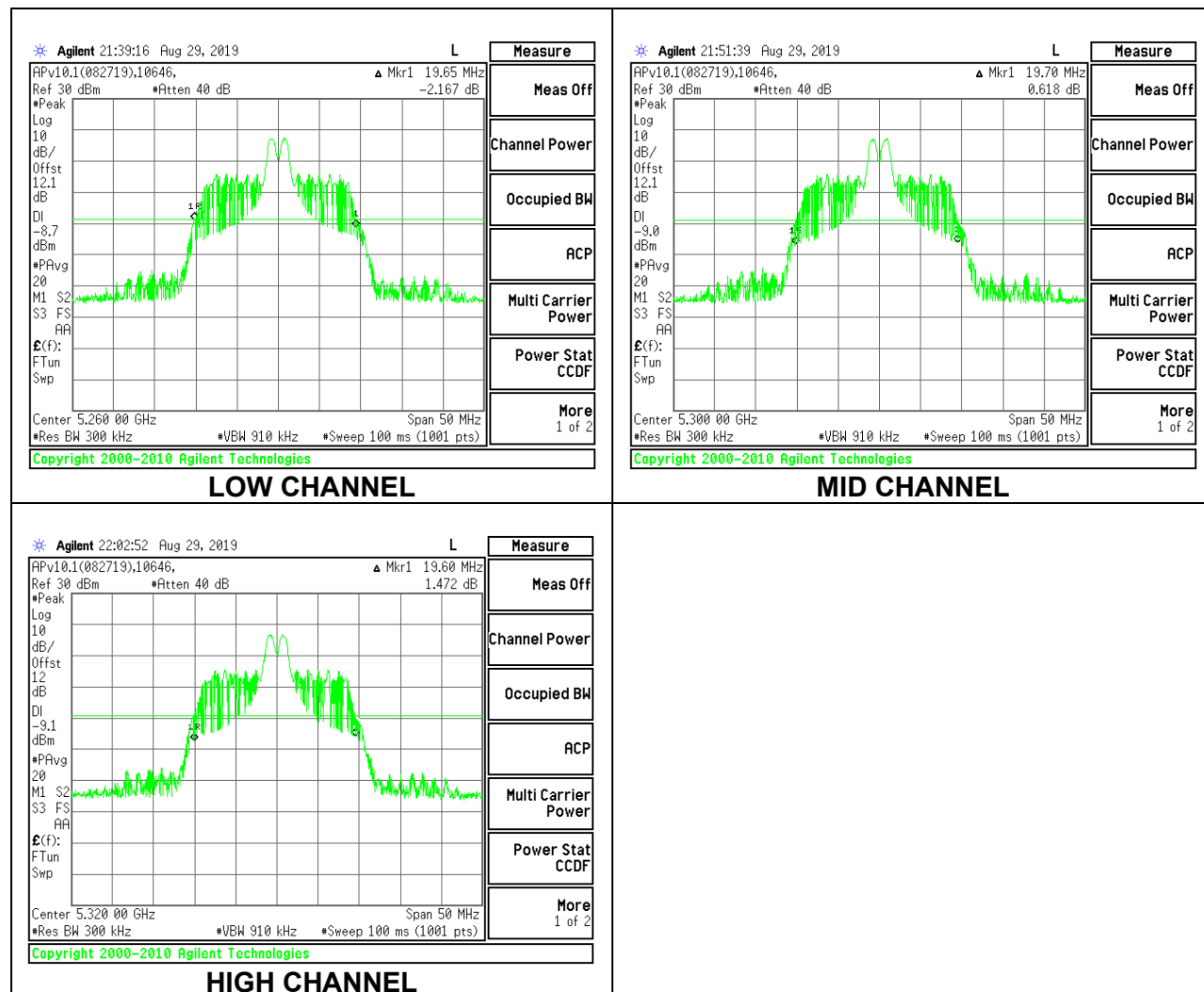
1TX UAT 2 MODE – 26 Tones, RU Index 0

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5260	20.35
Mid	5300	20.35
High	5320	20.50



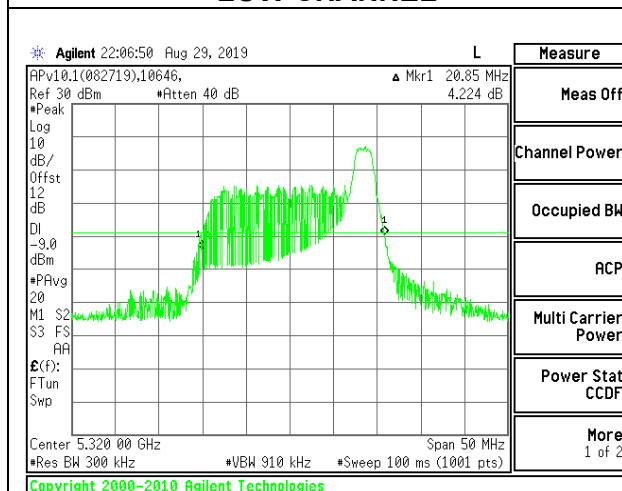
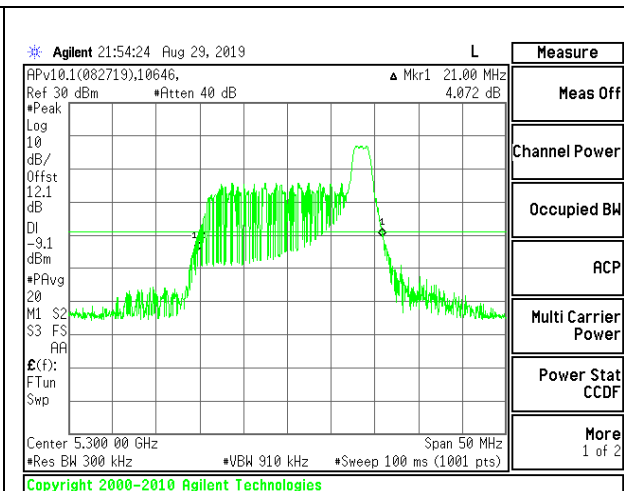
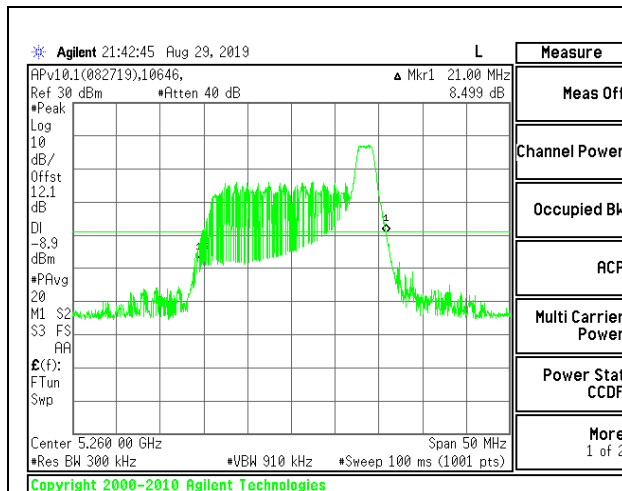
1TX UAT 2 MODE – 26 Tones, RU Index 4

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5260	19.65
Mid	5300	19.70
High	5320	19.60



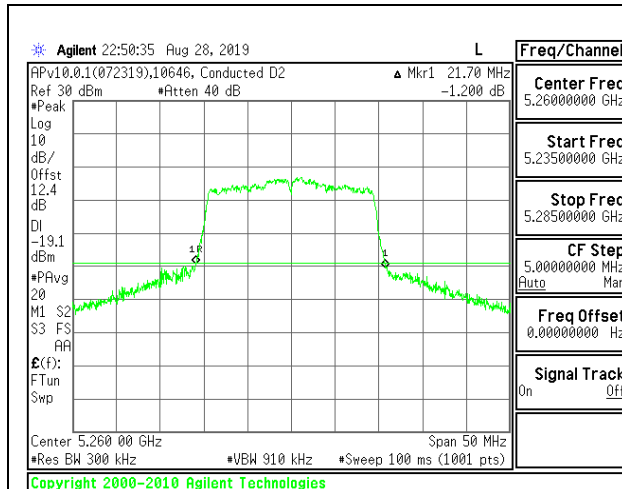
1TX UAT 2 MODE – 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5260	21.00
Mid	5300	21.00
High	5320	20.85

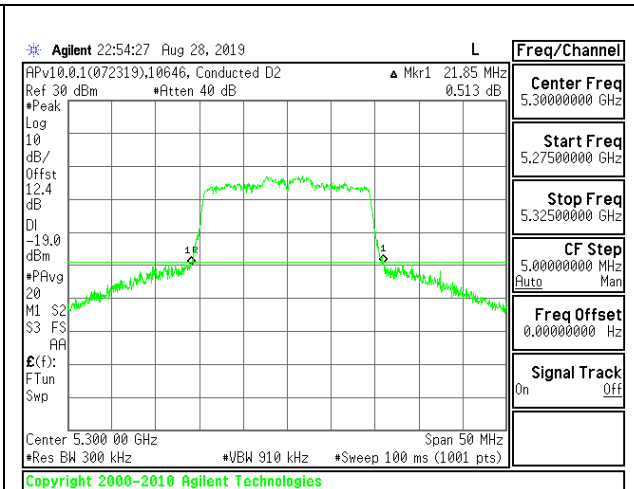


1TX LAT 3 MODE – 242 Tones, RU Index 61

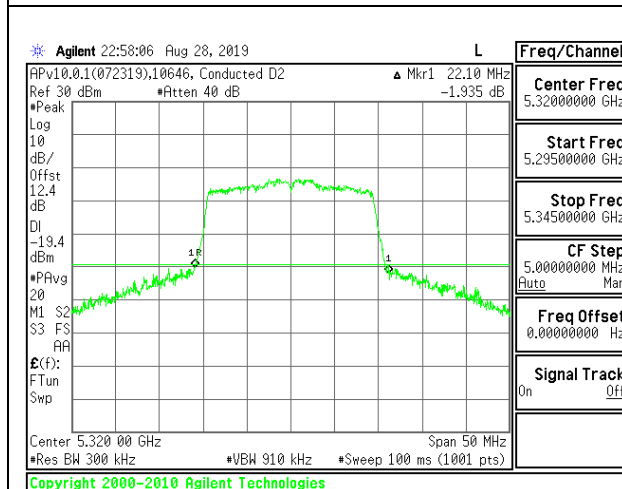
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5260	21.70
Mid	5300	21.85
High	5320	22.10



LOW CHANNEL



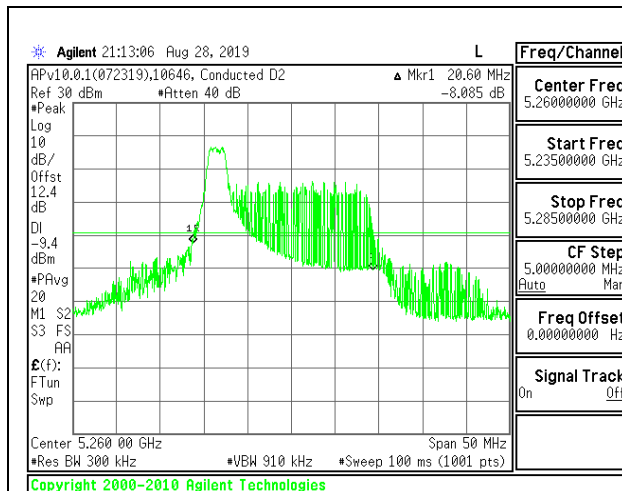
MID CHANNEL



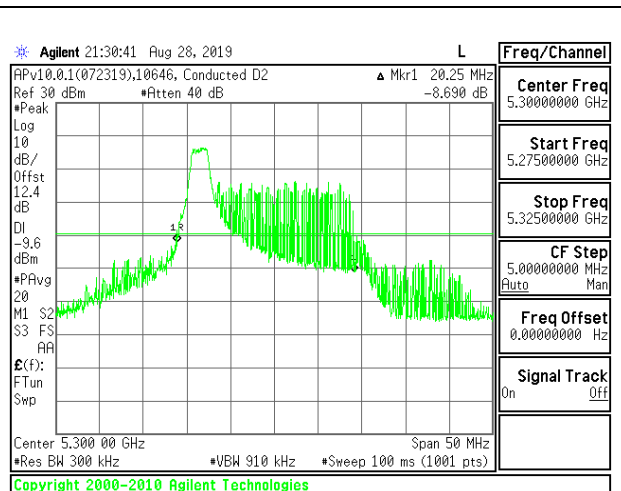
HIGH CHANNEL

1TX LAT 3 MODE – 26 Tones, RU Index 0

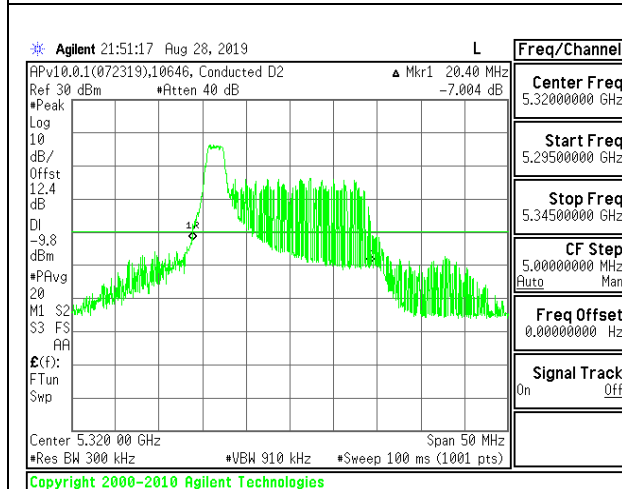
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5260	20.60
Mid	5300	20.25
High	5320	20.40



LOW CHANNEL



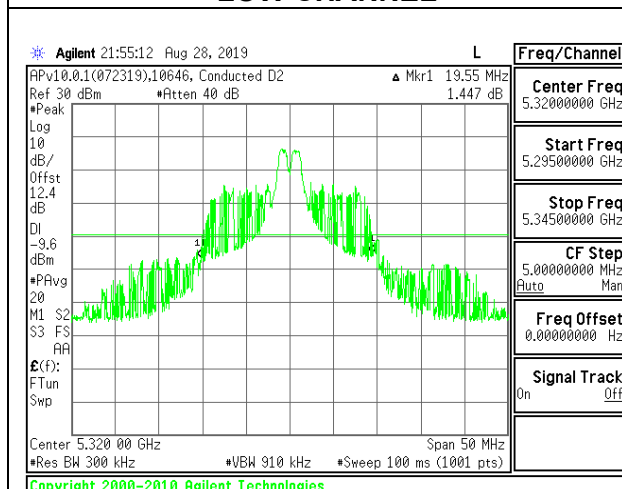
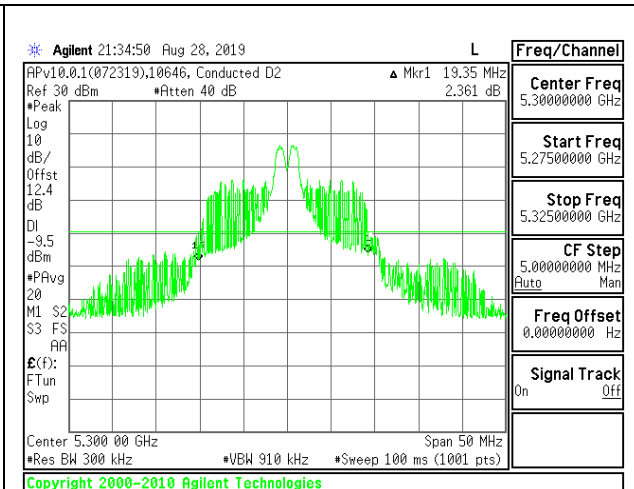
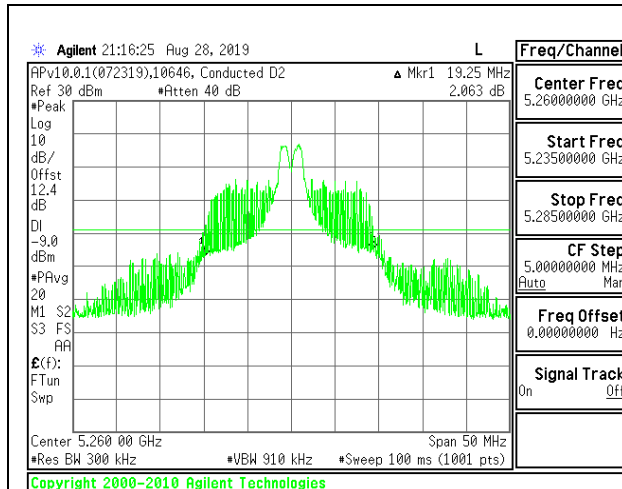
MID CHANNEL



HIGH CHANNEL

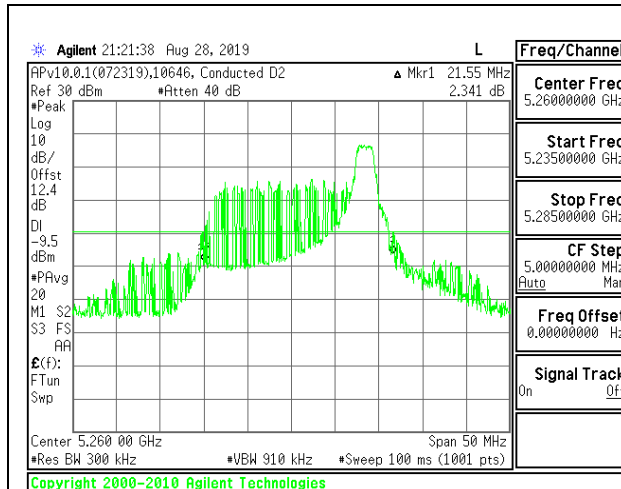
1TX LAT 3 MODE – 26 Tones, RU Index 4

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
Low	5260	19.25
Mid	5300	19.35
High	5320	19.55

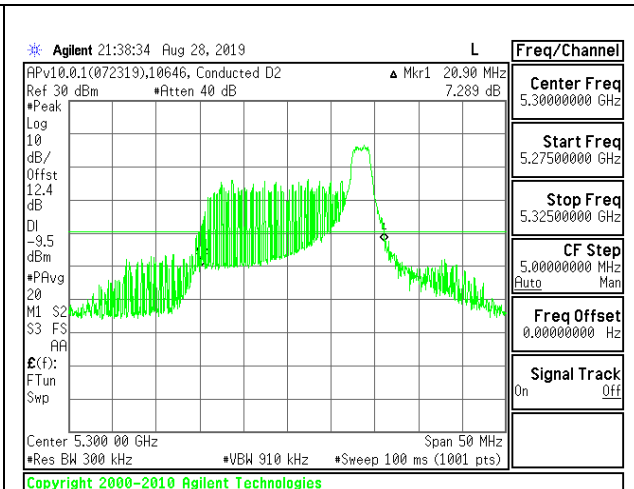


1TX LAT 3 MODE – 26 Tones, RU Index 8

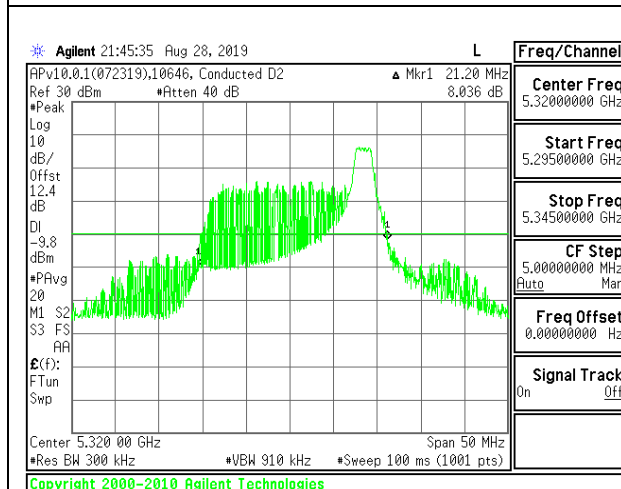
Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Low	5260	21.55
Mid	5300	20.90
High	5320	21.20



LOW CHANNEL



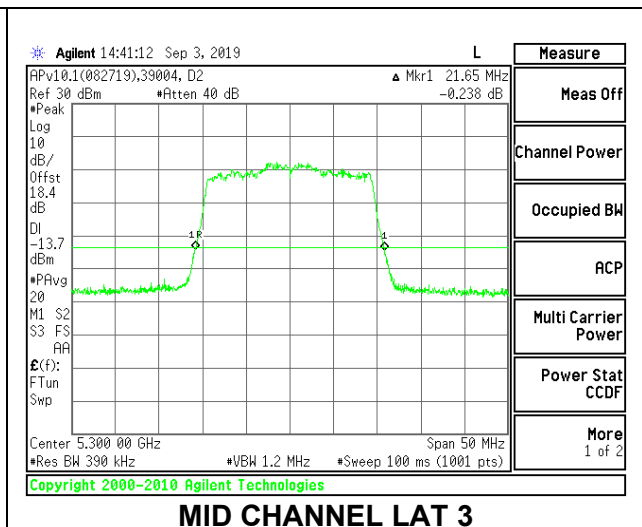
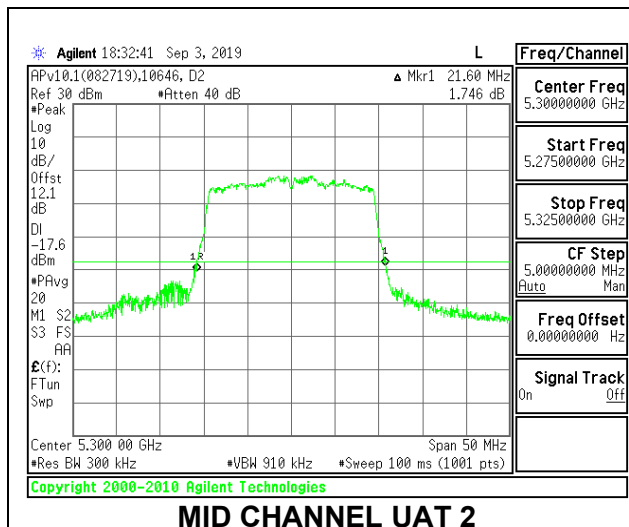
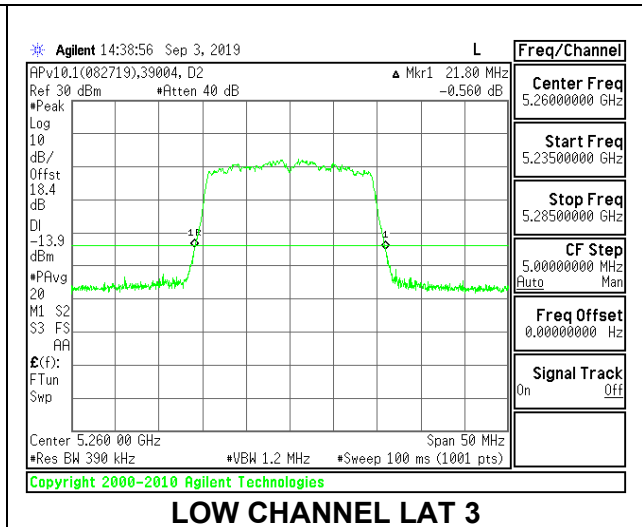
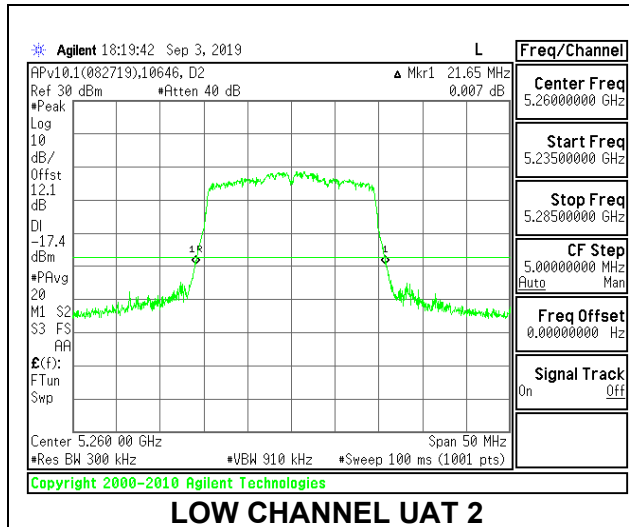
MID CHANNEL

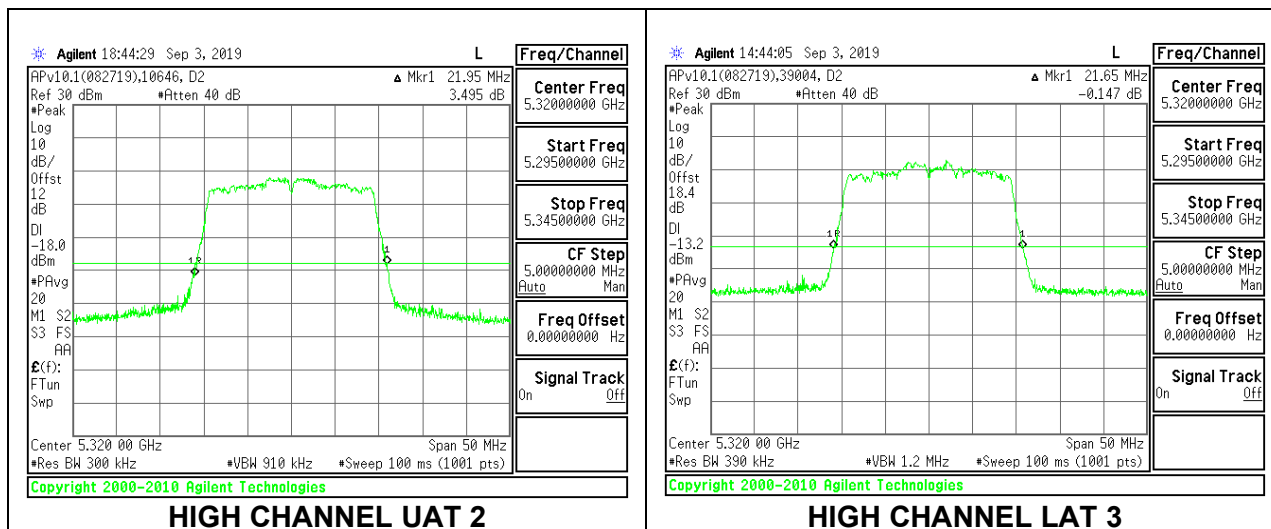


HIGH CHANNEL

2TX UAT 2 + LAT 3 OFDMA MODE – 242 Tones, RU Index 61

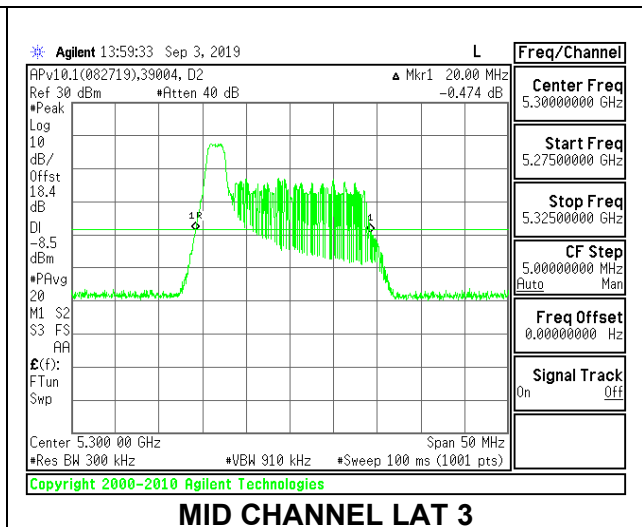
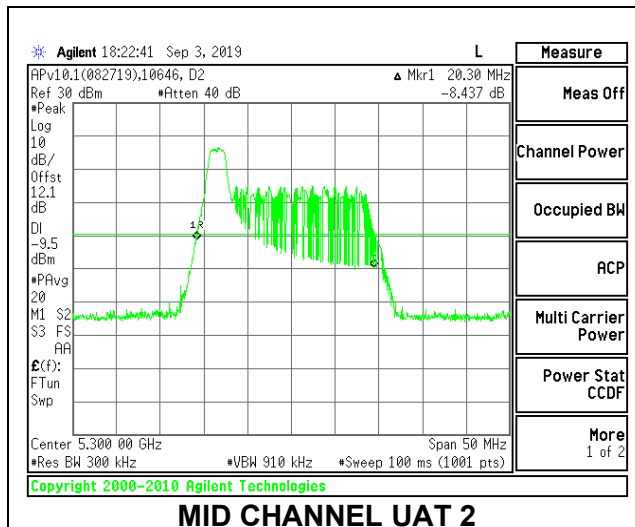
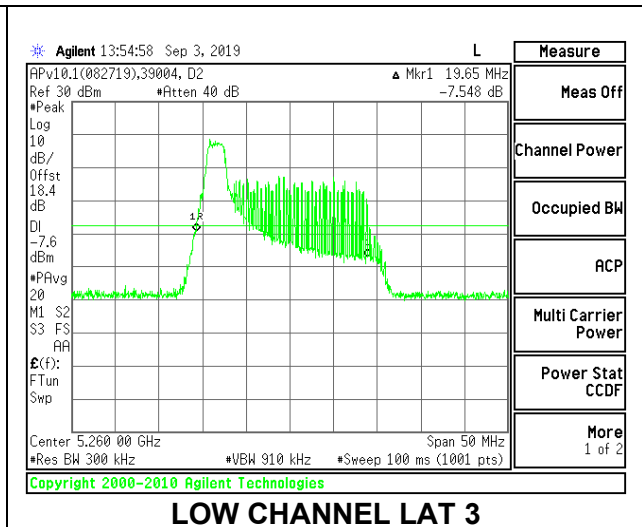
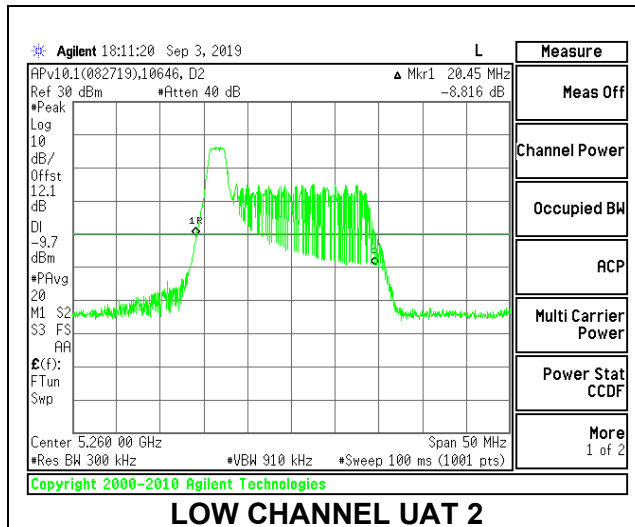
Channel	Frequency (MHz)	26 dB Bandwidth UAT 2 (MHz)	26 dB Bandwidth LAT 3 (MHz)
Low	5260	21.65	21.80
Mid	5300	21.60	21.65
High	5320	21.95	21.65

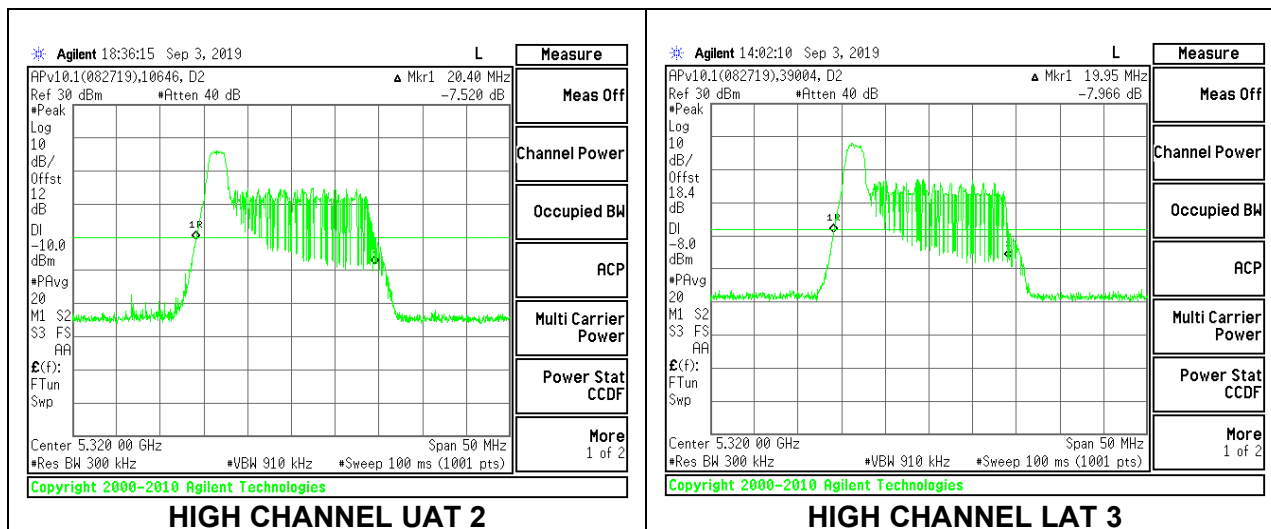




2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 0

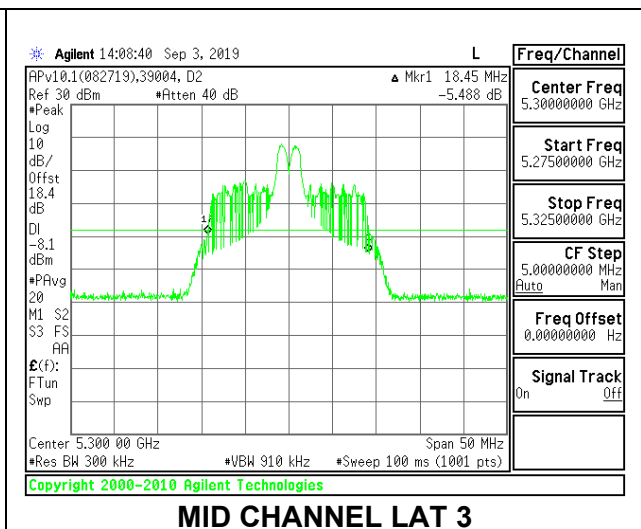
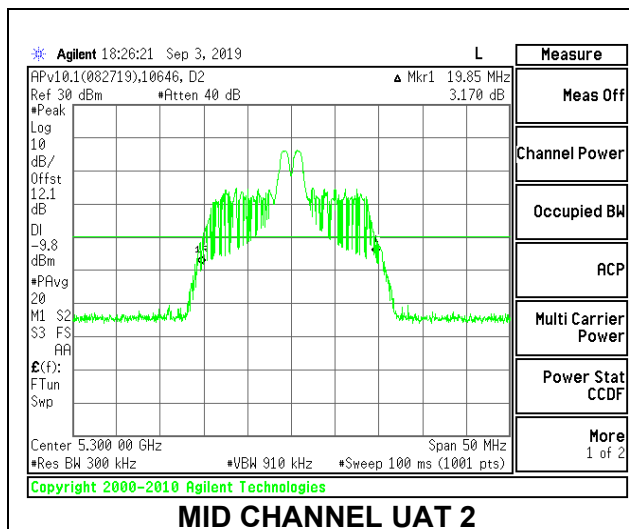
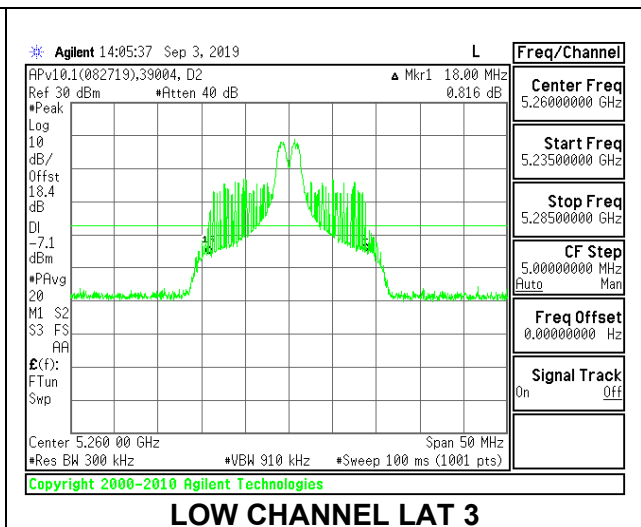
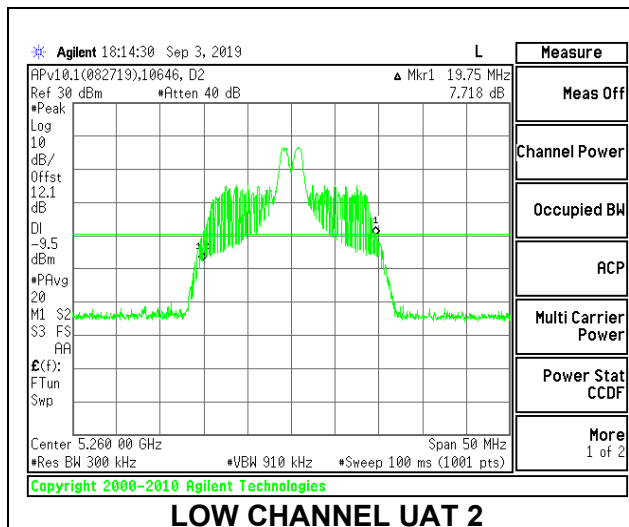
Channel	Frequency (MHz)	26 dB Bandwidth UAT 2 (MHz)	26 dB Bandwidth LAT 3 (MHz)
Low	5260	20.45	19.65
Mid	5300	20.30	20.00
High	5320	20.40	19.95

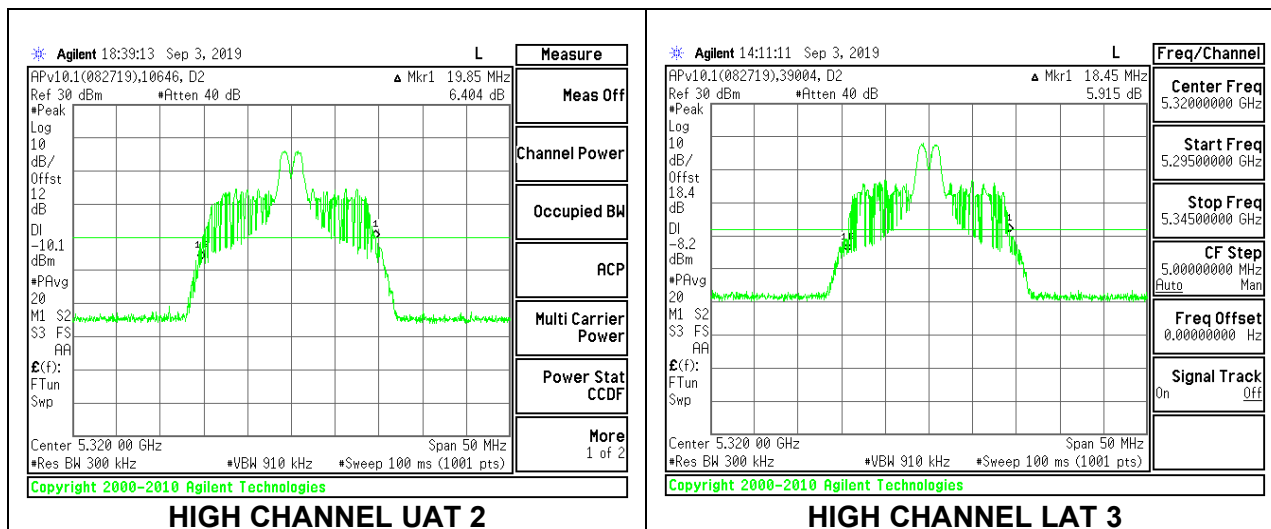




2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 4

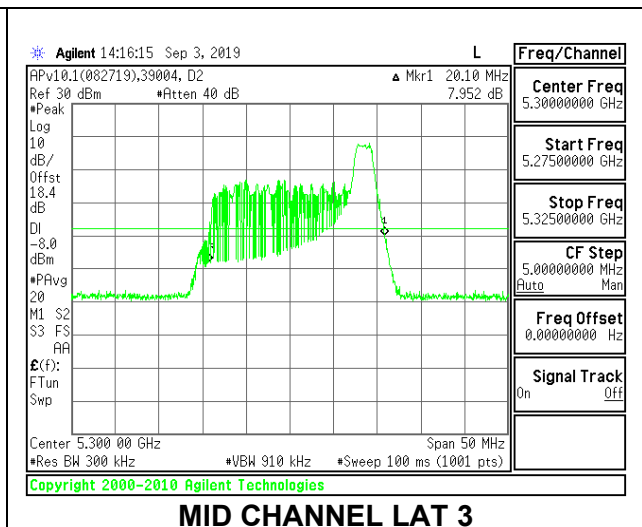
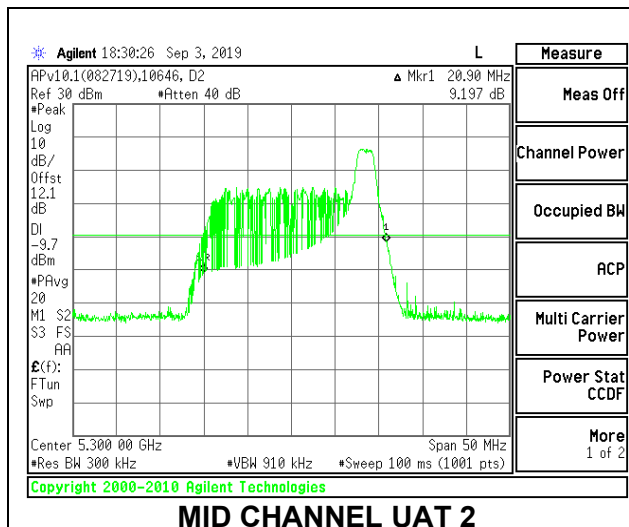
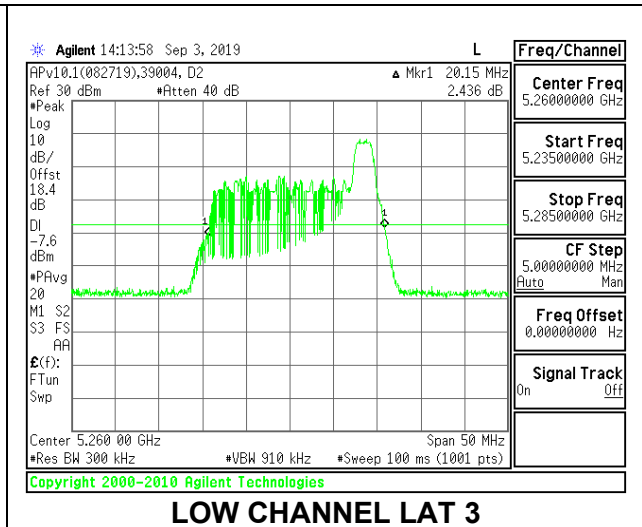
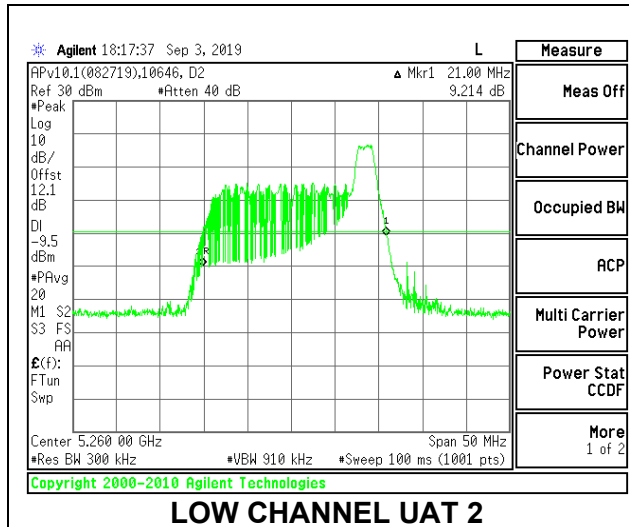
Channel	Frequency (MHz)	26 dB Bandwidth UAT 2 (MHz)	26 dB Bandwidth LAT 3 (MHz)
Low	5260	19.75	18.00
Mid	5300	19.85	18.45
High	5320	19.85	18.45

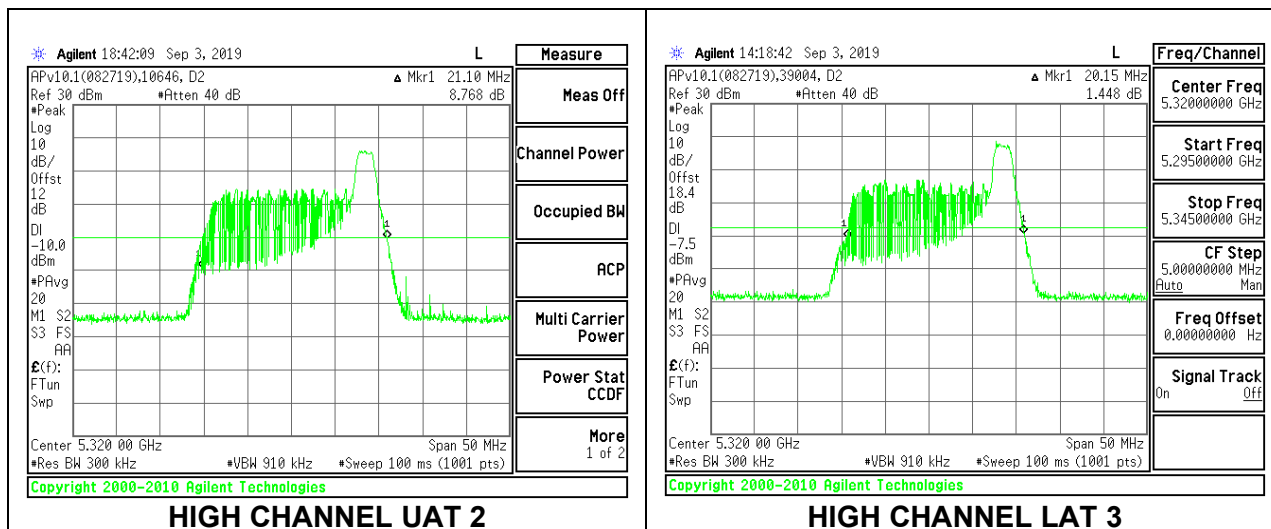




2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 8

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2 (MHz)	LAT 3 (MHz)
Low	5260	21.00	20.15
Mid	5300	20.90	20.10
High	5320	21.10	20.15

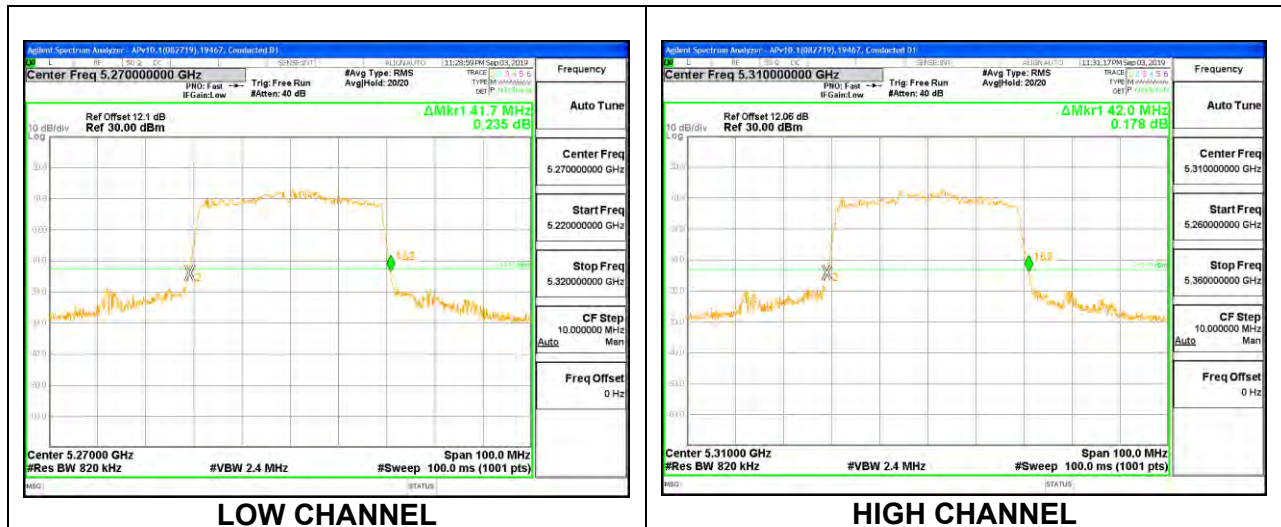




8.2.11. 802.11ax HE40 MODE IN THE 5.3 GHz BAND

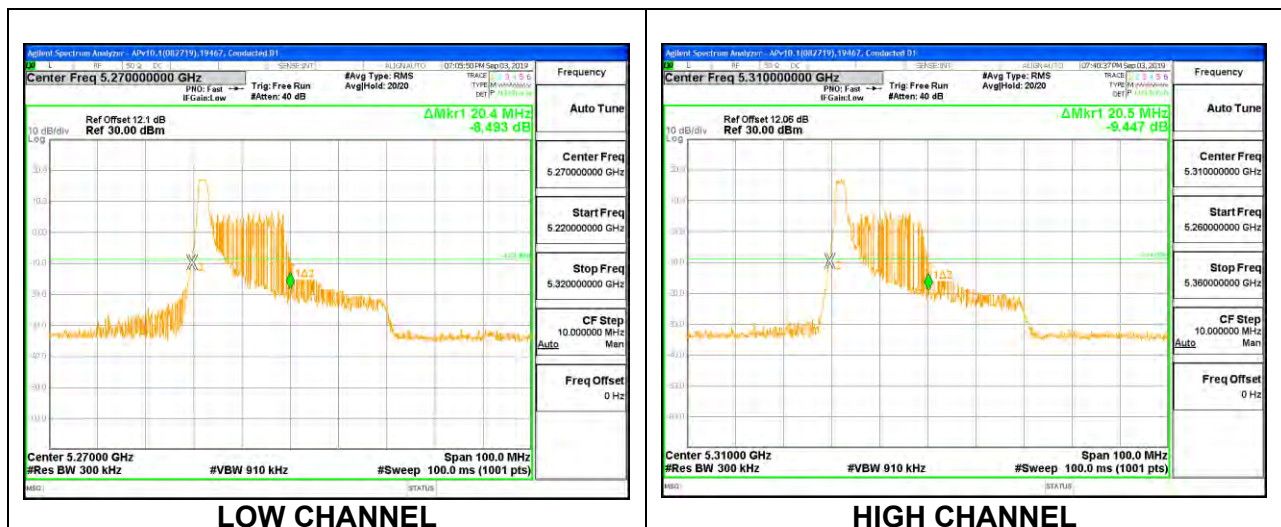
1TX UAT 2 MODE – 484 Tones, RU Index 65

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5270	41.70
High	5310	42.00



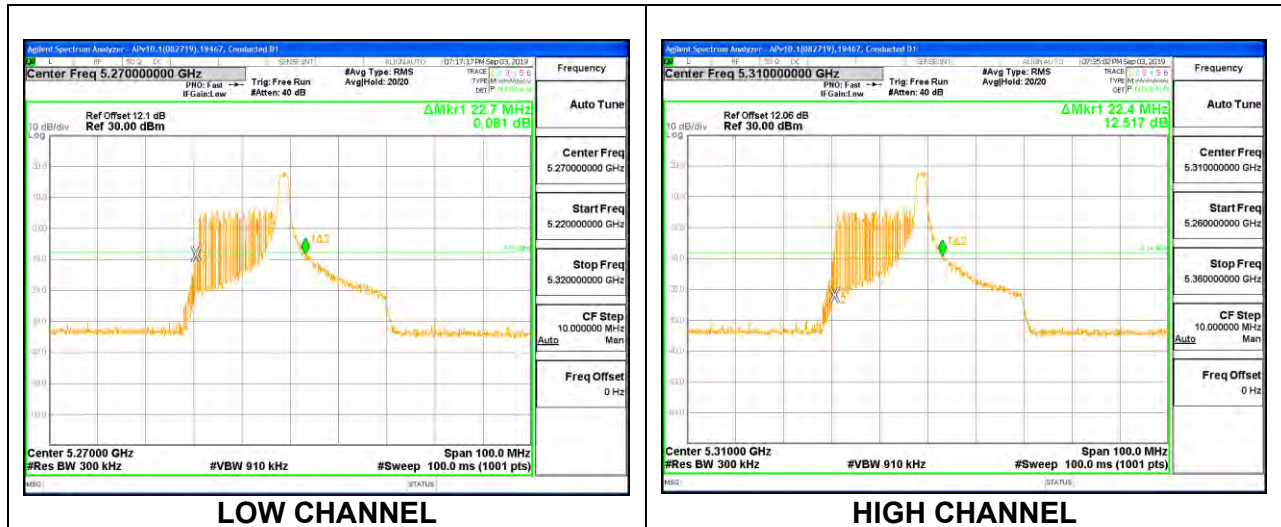
1TX UAT 2 MODE – 26 Tones, RU Index 0

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5270	20.40
High	5310	20.50



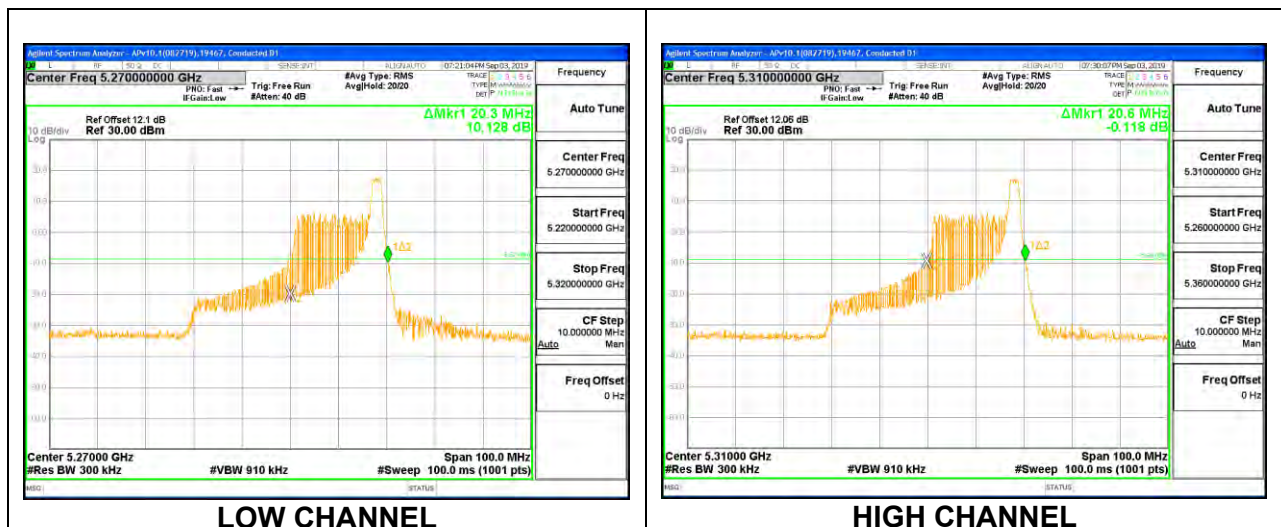
1TX UAT 2 MODE – 26 Tones, RU Index 8

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5270	22.70
High	5310	22.40



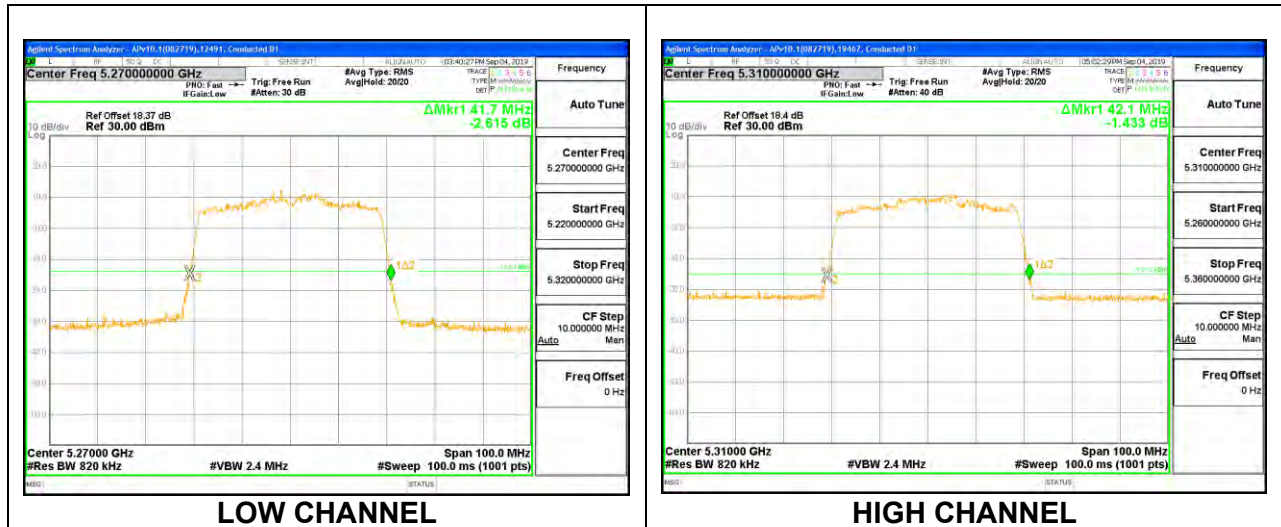
1TX UAT 2 MODE – 26 Tones, RU Index 17

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5270	20.30
High	5310	20.60



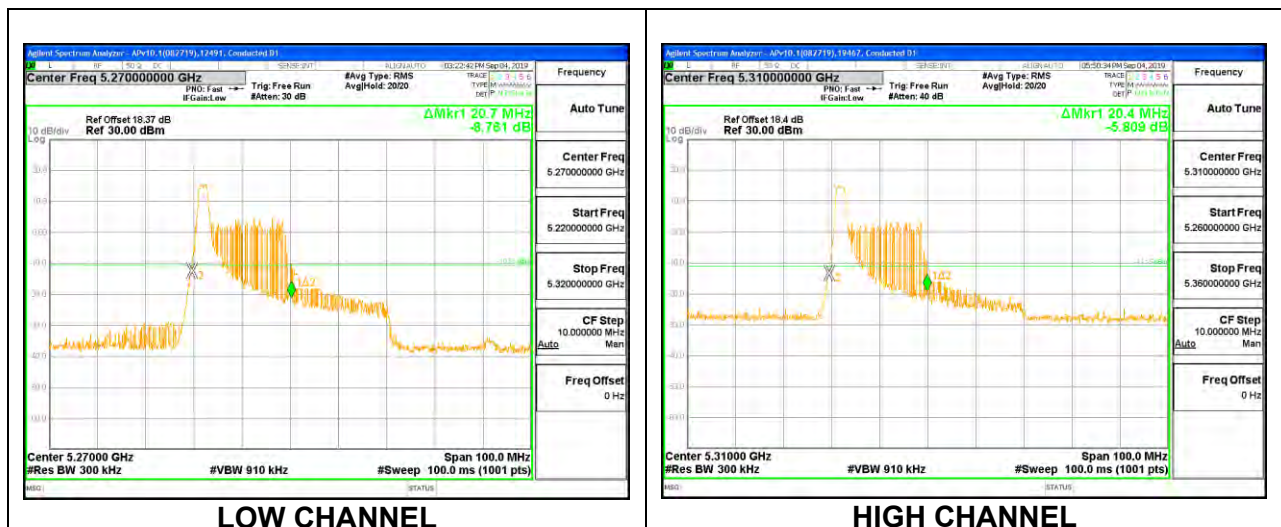
1TX LAT 3 MODE – 484 Tones, RU Index 65

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5270	41.70
High	5310	42.10



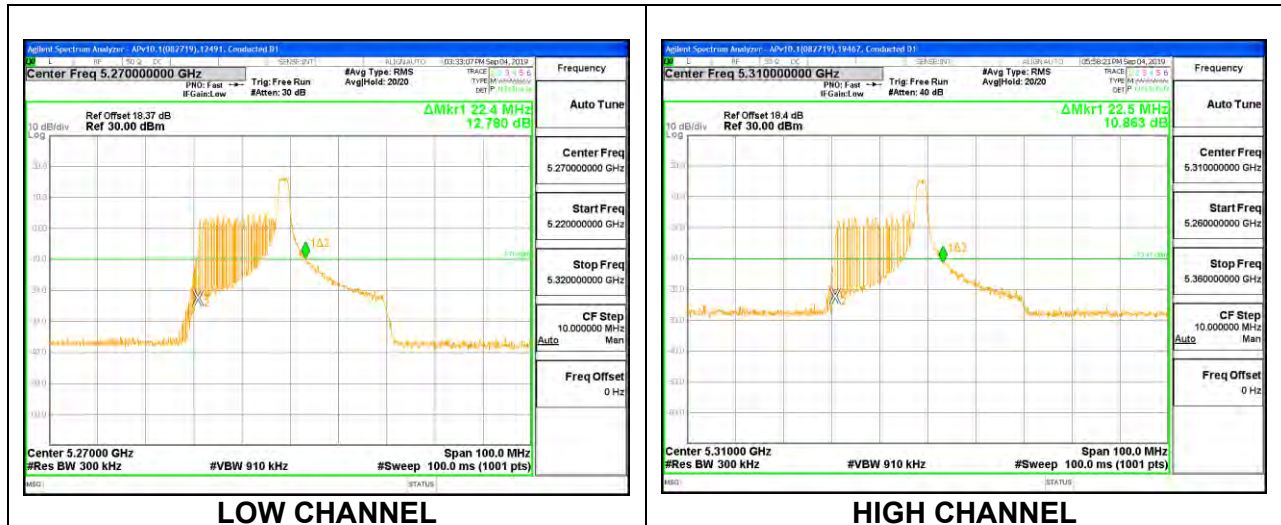
1TX LAT 3 MODE – 26 Tones, RU Index 0

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5270	20.70
High	5310	20.40



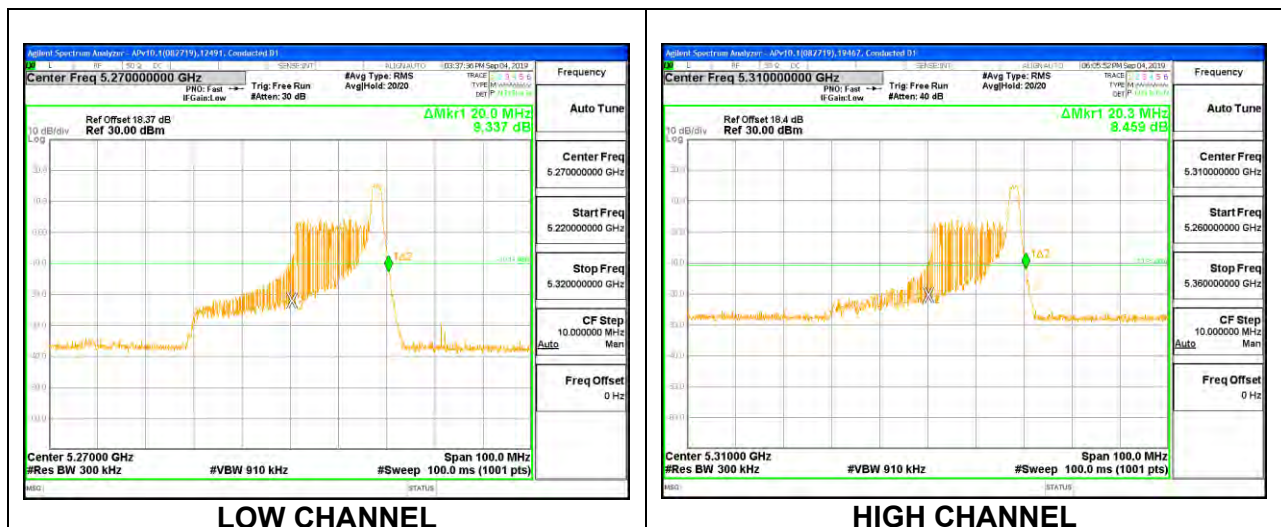
1TX LAT 3 MODE – 26 Tones, RU Index 8

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5270	22.40
High	5310	22.50



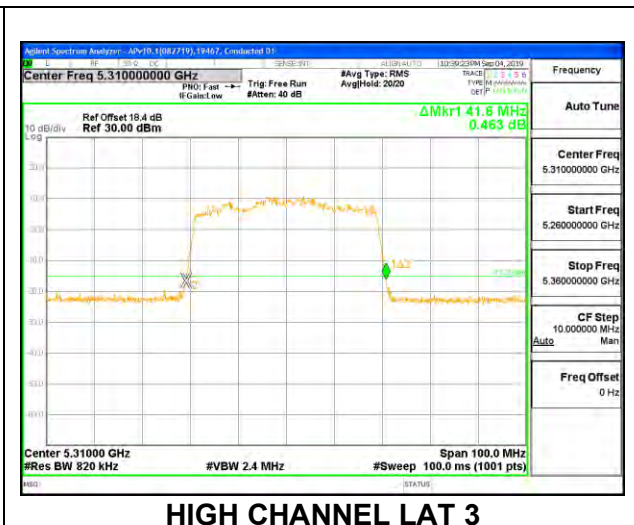
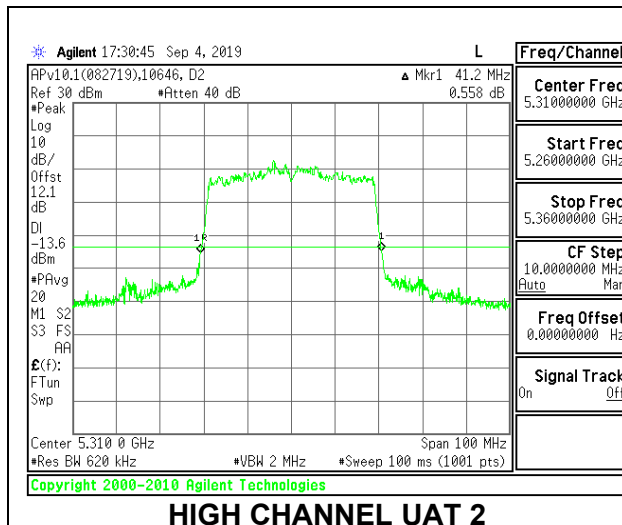
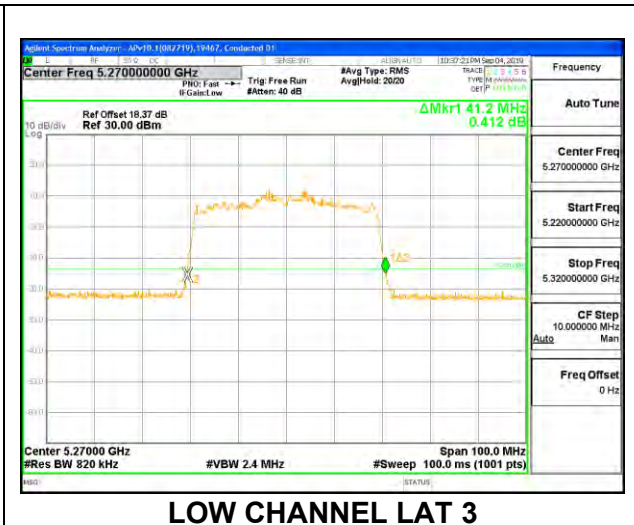
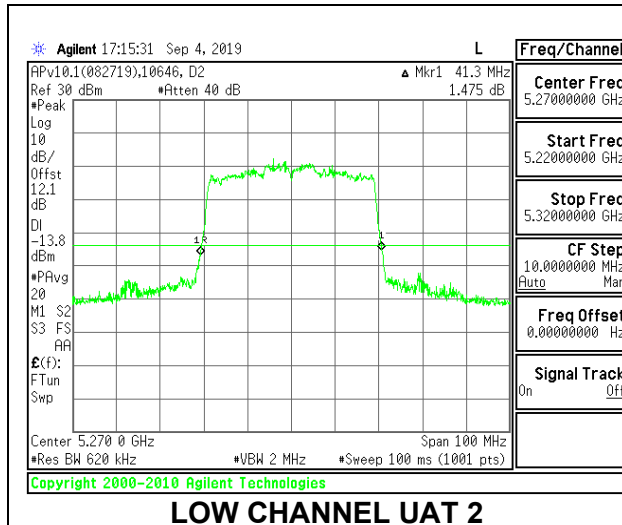
1TX LAT 3 MODE – 26 Tones, RU Index 17

Channel	Frequency	26dB Bandwidth
	(MHz)	(MHz)
Low	5270	20.00
High	5310	20.30



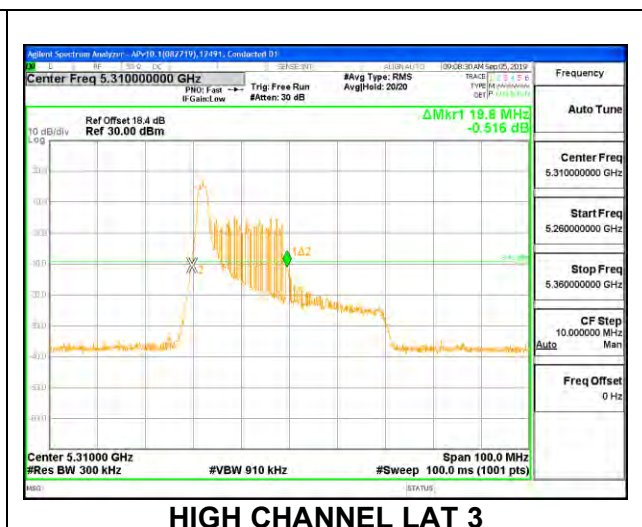
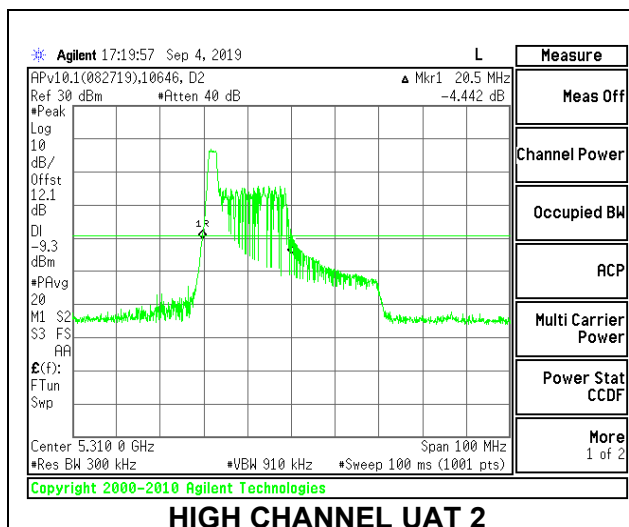
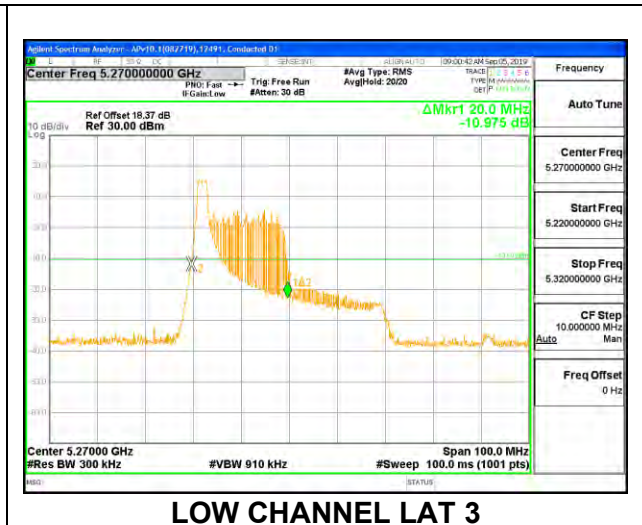
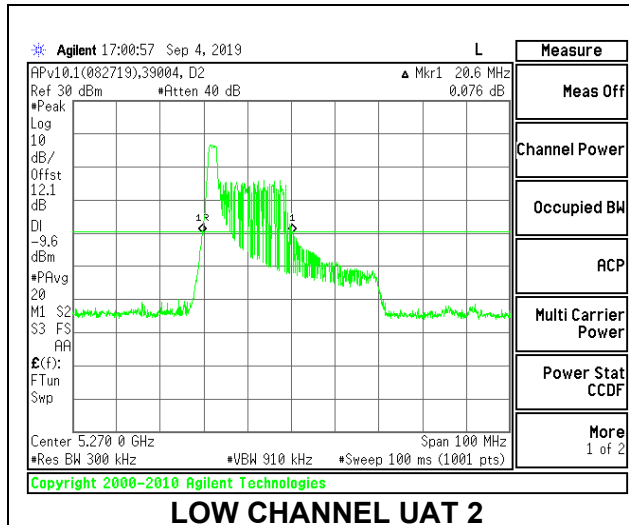
2TX UAT 2 + LAT 3 OFDMA MODE – 484 Tones, RU Index 65

Channel	Frequency (MHz)	26 dB Bandwidth	26 dB Bandwidth
		UAT 2 (MHz)	LAT 3 (MHz)
Low	5270	41.30	41.20
High	5310	41.20	41.60



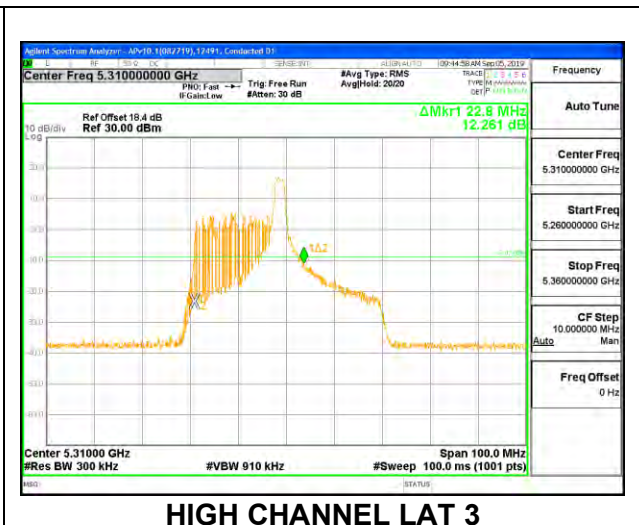
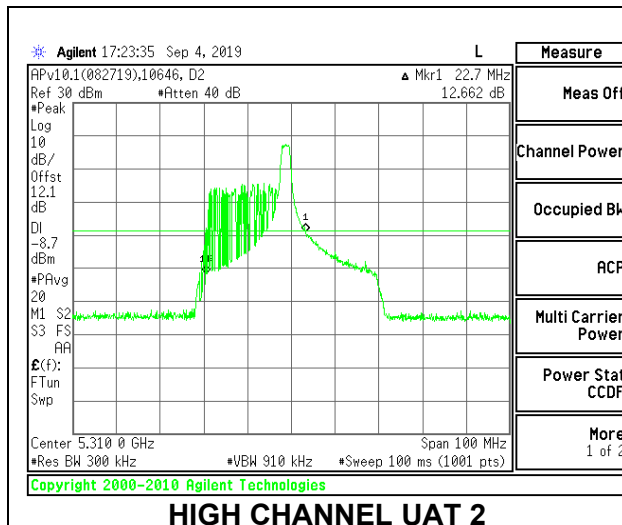
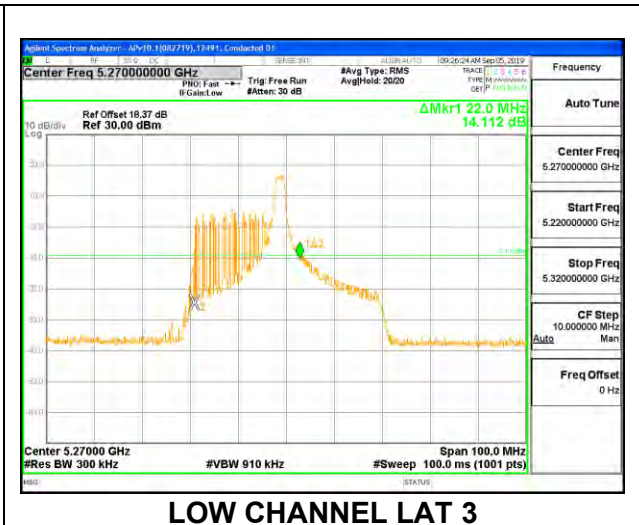
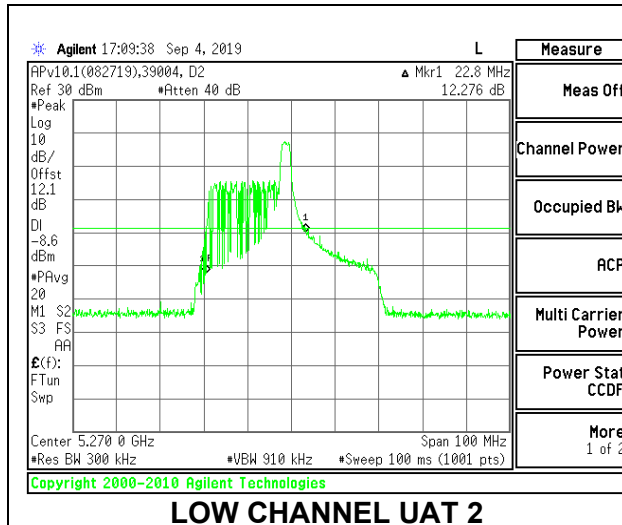
2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 0

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2	LAT 3
		(MHz)	(MHz)
Low	5270	20.60	20.00
High	5310	20.50	19.80



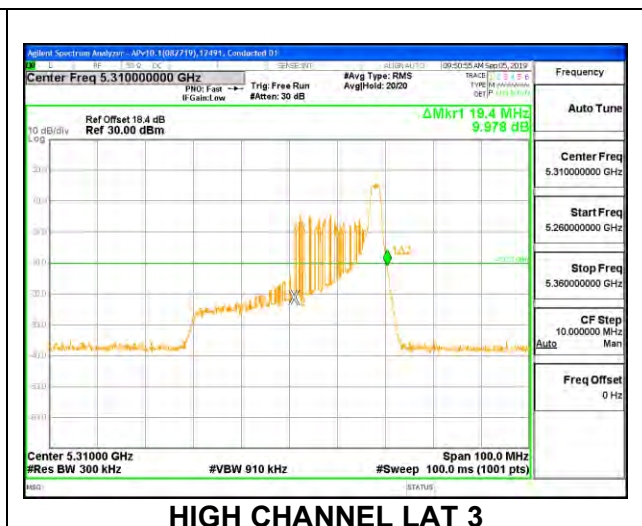
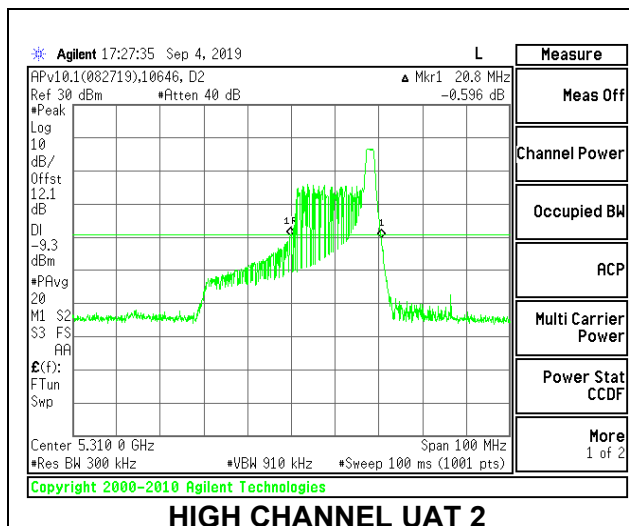
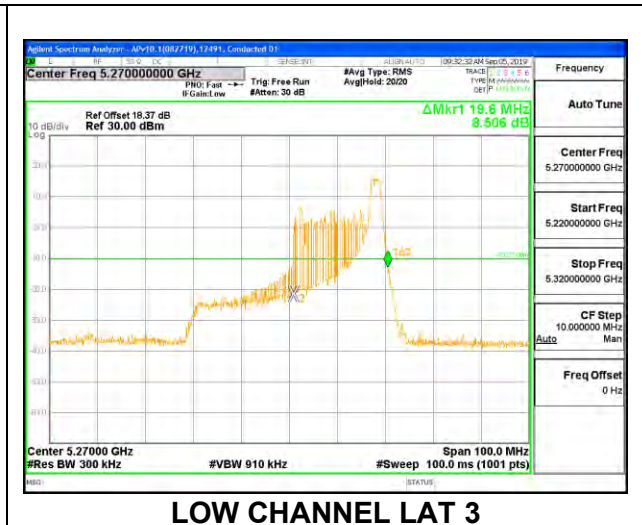
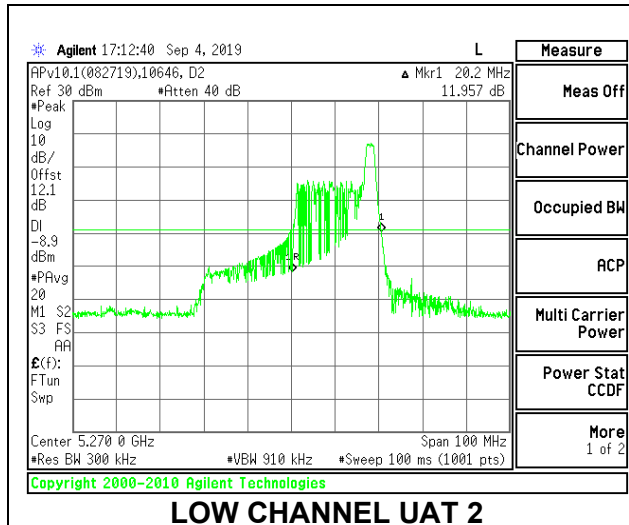
2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 8

Channel	Frequency (MHz)	26 dB Bandwidth	26 dB Bandwidth
		UAT 2 (MHz)	LAT 3 (MHz)
Low	5270	22.80	22.00
High	5310	22.70	22.80



2TX UAT 2 + LAT 3 OFDMA MODE – 26 Tones, RU Index 17

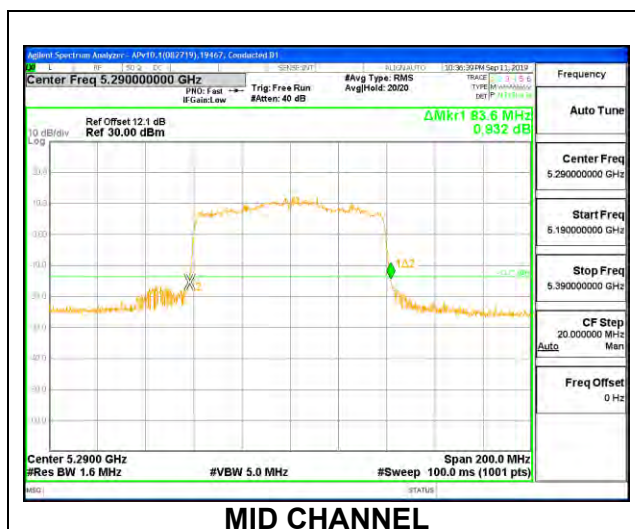
Channel	Frequency (MHz)	26 dB Bandwidth	26 dB Bandwidth
		UAT 2 (MHz)	LAT 3 (MHz)
Low	5270	20.20	19.60
High	5310	20.80	19.40



8.2.12. 802.11ax HE80 MODE IN THE 5.3 GHz BAND

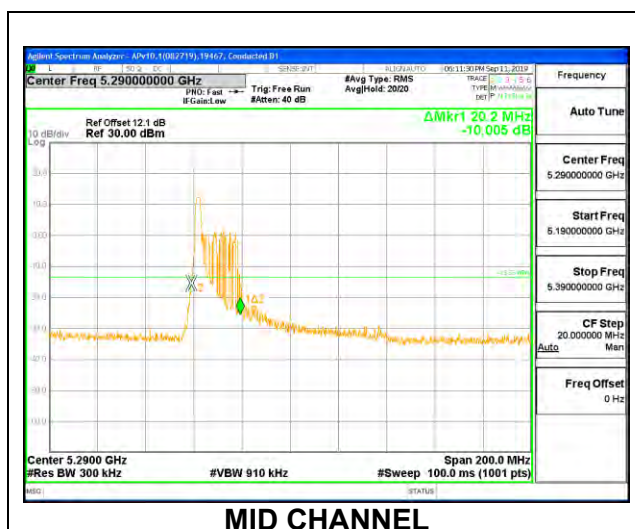
1TX UAT 2 MODE – 996 Tones, RU Index 67

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5210	83.60



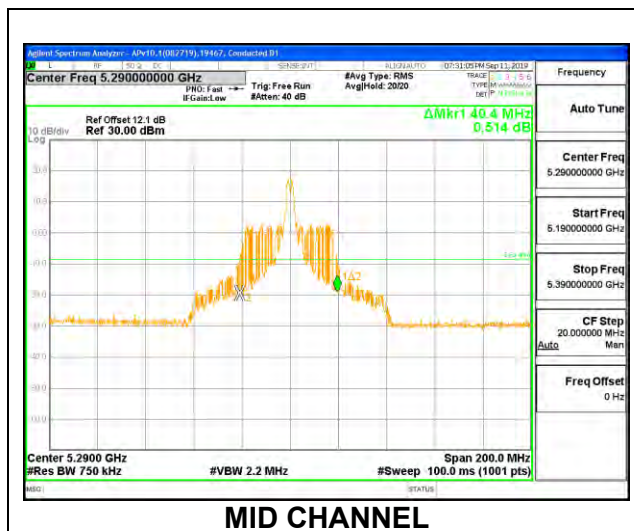
1TX UAT 2 MODE – 26 Tones, RU Index 0

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5290	20.20



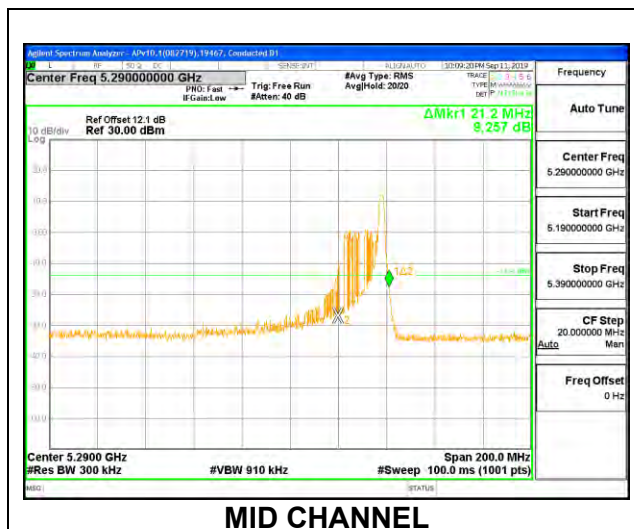
1TX UAT 2 MODE – 26 Tones, RU Index 18

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5290	40.40



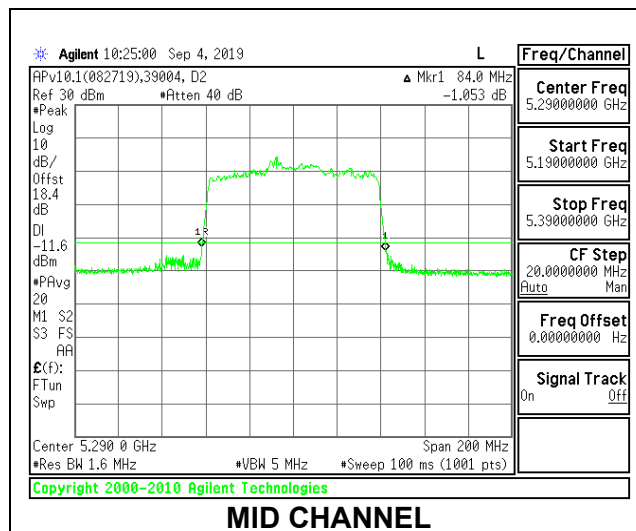
1TX UAT 2 MODE – 26 Tones, RU Index 36

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5290	21.20



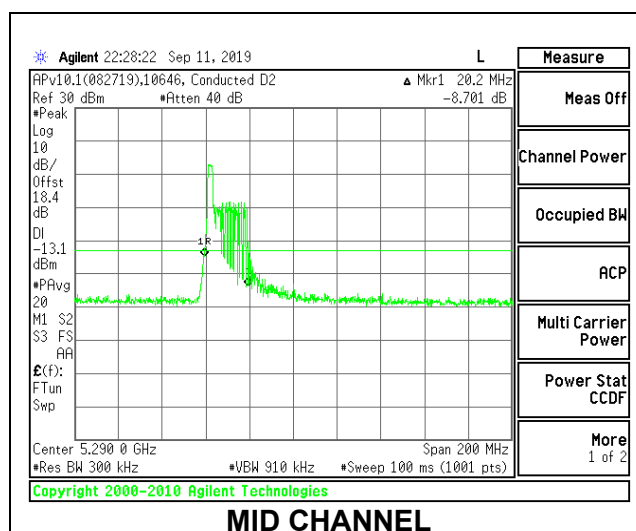
1TX LAT 3 MODE – 996 Tones, RU Index 67

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5290	84.00



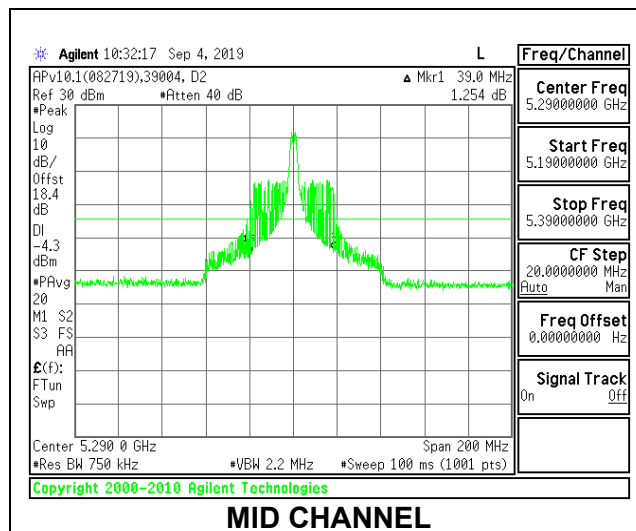
1TX LAT 3 MODE – 26 Tones, RU Index 0

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5290	20.20



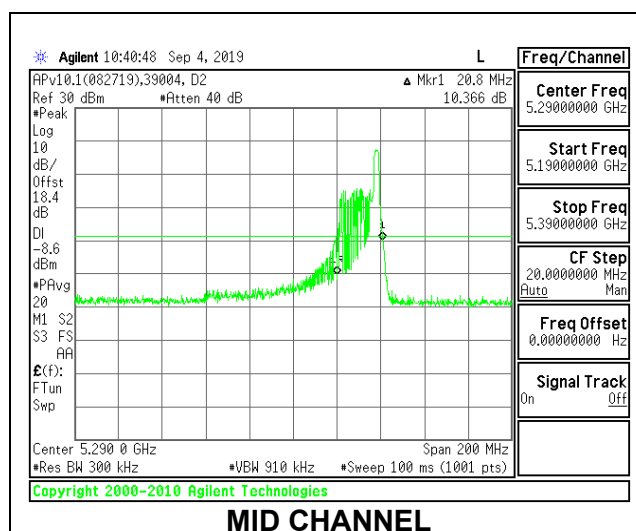
1TX LAT 3 MODE – 26 Tones, RU Index 18

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5290	39.00



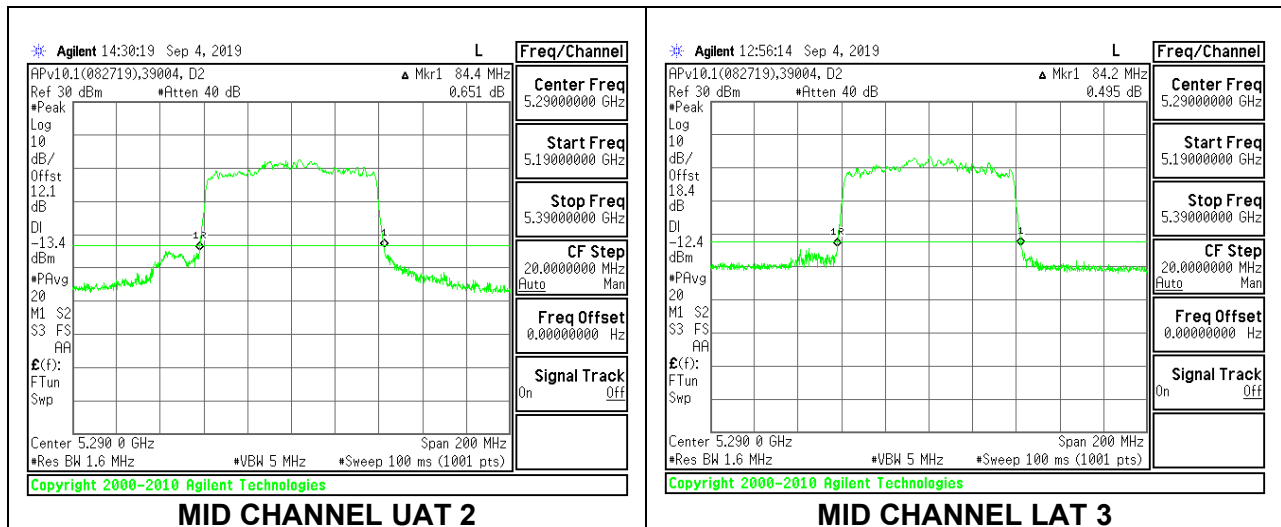
1TX LAT 3 MODE – 26 Tones, RU Index 36

Channel	Frequency	26 dB Bandwidth
	(MHz)	(MHz)
Mid	5290	20.80



2TX UAT 2 + LAT 3 CDD MODE – 996 Tones, RU Index 67

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2	LAT 3
		(MHz)	(MHz)
Mid	5290	84.40	84.20



2TX UAT 2 + LAT 3 CDD MODE – 26 Tones, RU Index 0

Channel	Frequency	26 dB Bandwidth	26 dB Bandwidth
	(MHz)	UAT 2	LAT 3
		(MHz)	(MHz)
Mid	5290	20.20	20.00

