TEST REPORT

CERTIFICATE OF CONFORMITY

Standard:	**47 CFR FCC Part 15, Subpart E (Section 15.407)**
Report No.:	RFBFBE-WTW-P22090890-2
FCC ID:	I88EX7710-B0
Product:	AX11000 WiFi 6E 10G Ethernet Gateway
Brand:	ZYXEL
Model No.:	EX7710-B0
Received Date:	2022/12/1
Test Date:	2022/12/16 ~ 2023/2/1
Issued Date:	2023/2/17
Applicant:	Zyxel Communications Corporation
Address:	No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, R.O.C
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
Lab Address:	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
Test Location (1):	E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan
FCC Registration / Designation Number:	723255 / TW2022
Test Location (2):	No.19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN
FCC Registration / Designation Number:	788550 / TW0003

Approved by: _____ , **Date:** 2023/2/17

May Chen / Manager

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Prepared by : Vivian Huang / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBFBE-WTW-P22090890-2	Original release.	2023/2/17

1 Certificate

Product:	AX11000 WiFi 6E 10G Ethernet Gateway
Brand:	ZYXEL
Test Model:	EX7710-B0
Sample Status:	Engineering sample
Applicant:	Zyxel Communications Corporation
Test Date:	2022/12/16 ~ 2023/2/1
Standard:	47 CFR FCC Part 15, Subpart E (Section 15.407)
Measurement procedure:	ANSI C63.10-2013 KDB 987594 D02 U-NII 6 GHz EMC Measurement v01v01 KDB 789033 D02 General UNII Test Procedure New Rules v02r01

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(a)(5)	RF Output Power	Pass	Meet the requirement of limit.
15.407(a)(5)	Power Spectral Density	Pass	Meet the requirement of limit.
15.407(a)(10)	Occupied Bandwidth	Pass	Meet the requirement of limit.
15.407(b)(9)	AC Power Conducted Emissions	Pass	Minimum passing margin is -16.65 dB at 23.58203 MHz
15.407(b)(9)	Unwanted Emissions below 1 GHz	Pass	Minimum passing margin is -3.3 dB at 499.99 MHz
15.407(b)(6) 15.407(b)(10)	Unwanted Emissions above 1 GHz	Pass	Minimum passing margin is -6.6 dB at 20175.00, 20835.00 MHz
15.407(b)(7)	In-Band Emission Mask	Pass	Meet the requirement of limit.
15.407(d)(6)	Contention-based Protocol	Pass	Meet the requirement of limit.
15.407(g)	Frequency Stability	Pass	Meet the requirement of limit.
15.407(d)	Operational restrictions for 6 GHz U-NII devices	Pass	Declaration by applicant.
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF) not a standard connector.
---	Emission Bandwidth	-	Reference only.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Specification	Expanded Uncertainty (k=2) (±)
AC Power Conducted Emissions	150 kHz ~ 30 MHz	1.9 dB
Unwanted Emissions below 1 GHz	9 kHz ~ 30 MHz	3.1 dB
	30 MHz ~ 1 GHz	5.1 dB
Unwanted Emissions above 1 GHz	1 GHz ~ 18 GHz	5.0 dB
	18 GHz ~ 40 GHz	5.3 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	AX11000 WiFi 6E 10G Ethernet Gateway
Brand	ZYXEL
Test Model	EX7710-B0
CPU Model No.	BCM4912
RF Chip Model No.	2.4G Chip Model: BCM6715 5G Chip Model: BCM6715 6G Chip Model: BCM6715
FW Version	V5.18(ACAK.0)b5_20221215
Status of EUT	Engineering sample
Power Supply Rating	12Vdc from power adapter
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM for OFDMA in 11ax mode
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: up to 54 Mbps 802.11ax: up to 4803.9 Mbps
Operating Frequency	6.115 GHz ~ 6.415 GHz 6.435 GHz ~ 6.525 GHz 6.535 GHz ~ 6.865 GHz 6.875 GHz ~ 7.095 GHz
Number of Channel	802.11a, 802.11ax (HE20): 50 802.11ax (HE40): 25 802.11ax (HE80): 12 802.11ax (HE160): 6
Output Power	**CDD Mode:** 6.115 GHz ~ 6.415 GHz : EIRP: 176.604 mW (22.47 dBm) 6.435 GHz ~ 6.525 GHz : EIRP: 180.717 mW (22.57 dBm) 6.535 GHz ~ 6.865 GHz : EIRP: 212.324 mW (23.27 dBm) 6.875 GHz ~ 7.095 GHz : EIRP: 180.717 mW (22.57 dBm) **Beamforming Mode:** 6.115 GHz ~ 6.415 GHz : EIRP: 299.916 mW (24.77 dBm) 6.435 GHz ~ 6.525 GHz : EIRP: 261.216 mW (24.17 dBm) 6.535 GHz ~ 6.865 GHz : EIRP: 207.491 mW (23.17 dBm) 6.875 GHz ~ 7.095 GHz : EIRP: 352.371 mW (25.47 dBm)
EUT Category	Indoor AP
Accessory Device	- AC Adapter x1, Brand: APD, Model: WA-42F12FU - Ethernet Cable x1 (1m, Unshielded)

Note:

1. The EUT power needs to be supplied from a power adapter, the information is as below table:

AC Adapter 1			
Brand	Model	Specification	The housing color
APD	WA-42F12FU	AC Input: 100-240Vac, 50/60Hz, 1.2A Max. DC Output: 12Vdc, 3.5A DC Output Cable: Unshielded, 1.5m, without core bonded Manufacturer: ASIAN POWER DEVICES INC.	Black / White

2. The EUT has three radios as following table:

Radio 1	Radio 2	Radio 3
WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz

3. Simultaneously transmission condition.

Condition	Technology		
1	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz
Note: The emission of the simultaneous operation has been evaluated and no non-compliance was found.			

4. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

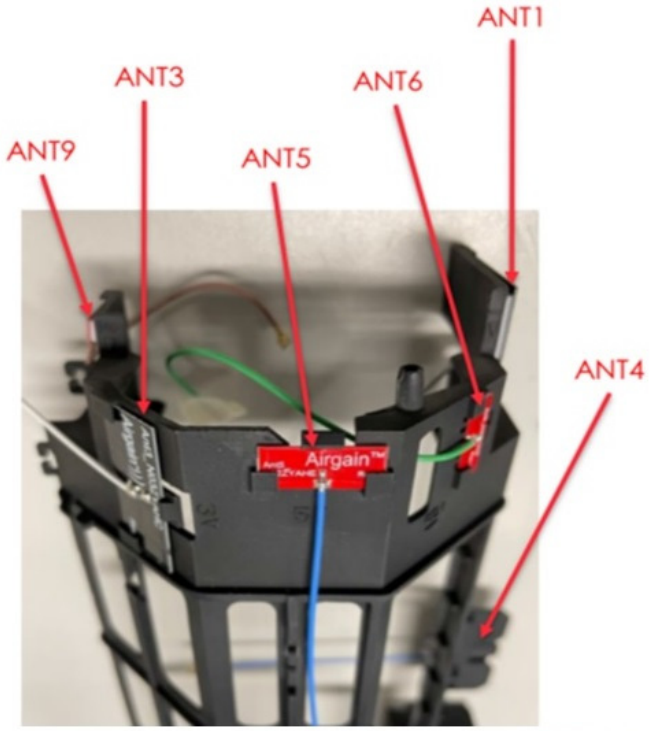
3.2 Antenna Description of EUT

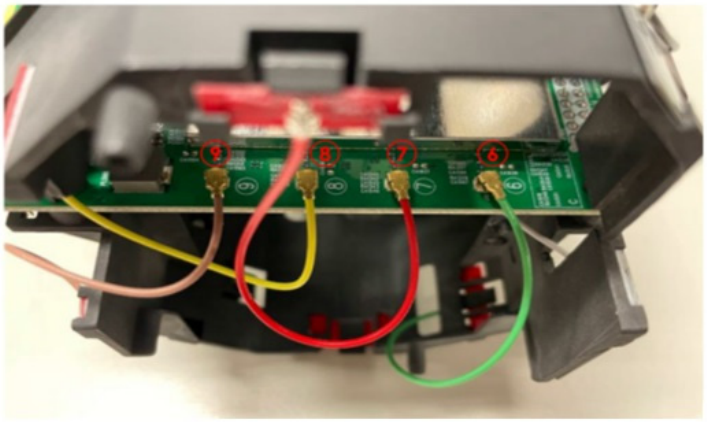
1. The antenna information is listed as below.

Antenna NO.	RF Chain NO.	Brand	Part Number	Antenna Net Gain(dBi)	Frequency range	Antenna Type	Connector Type	Cable Length
Ant1_Dual-band	2.4G Chain 2 5G Chain 2	Airgain	N03ZYAHA-PK1-G110U	3.8	2.4~2.4835GHz	Dipole	ipex(MHF)	110mm
				3.6	5.15~5.25GHz			
				4.1	5.25~5.35GHz			
				3.7	5.47~5.725GHz			
				4.2	5.725~5.85GHz			
Ant2_Dual-band	2.4G Chain 1 5G Chain 1	Airgain	N03ZYAHB-PK1-B135U	4.6	2.4~2.4835GHz	Dipole	ipex(MHF)	135mm
				5.3	5.15~5.25GHz			
				5.0	5.25~5.35GHz			
				4.9	5.47~5.725GHz			
				5.2	5.725~5.85GHz			
Ant3_Dual-band	2.4G Chain 0 5G Chain 0	Airgain	N03ZYAHC-PK1-W195U	3.4	2.4~2.4835GHz	Dipole	ipex(MHF)	195mm
				5.2	5.15~5.25GHz			
				5.3	5.25~5.35GHz			
				4.8	5.47~5.725GHz			
				4.2	5.725~5.85GHz			
Ant4	2.4G Chain 3	Airgain	N03ZYAHD-PK1-A90U	5.0	2.4~2.4835GHz	Dipole	ipex(MHF)	90mm
Ant5_5GHz	5G Chain 3	Airgain	N02ZYAHE-PK1-A105U	4.5	5.15~5.25GHz	Dipole	ipex(MHF)	105mm
				4.1	5.25~5.35GHz			
				4.3	5.47~5.725GHz			
				4.6	5.725~5.85GHz			
Ant6_6GHz	6G Chain 3	Airgain	N06ZYAHF-PK1-E100U	5.9	5.925~6.425GHz	Dipole	ipex(MHF)	100m
				5.9	6.425~6.525GHz			
				5.9	6.525~6.875GHz			
				4.8	6.875~7.125GHz			
Ant7_6GHz	6G Chain 2	Airgain	N06ZYAHG-PK1-R95U	5.6	5.925~6.425GHz	Dipole	ipex(MHF)	95mm
				5.5	6.425~6.525GHz			
				5.4	6.525~6.875GHz			
				5.7	6.875~7.125GHz			
Ant8_6GHz	6G Chain 1	Airgain	N06ZYAHH-PK1-Y75U	5.7	5.925~6.425GHz	Dipole	ipex(MHF)	75mm
				5.9	6.425~6.525GHz			
				6.0	6.525~6.875GHz			
				5.9	6.875~7.125GHz			
Ant9_6GHz	6G Chain 0	Airgain	N06ZYAHJ-PK1-P75U	4.7	5.925~6.425GHz	Dipole	ipex(MHF)	75mm
				3.7	6.425~6.525GHz			
				4.0	6.525~6.875GHz			
				4.0	6.875~7.125GHz			

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

* Antenna port location





2. The EUT incorporates a MIMO function:

6 GHz Band		
Modulation Mode	**TX & RX Configuration**	
802.11a	4TX	4RX
802.11ax (HE20)	4TX	4RX
802.11ax (HE40)	4TX	4RX
802.11ax (HE80)	4TX	4RX
802.11ax (HE160)	4TX	4RX

Note:
1. All of modulation mode support beamforming function except 802.11a modulation mode.
2. The EUT support Beamforming and CDD mode, therefore both mode were investigated and the worst case scenario was identified. The worst case data were presented in test report.

3.3 Channel List

U-NII-5:

16 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
33	6115 MHz	37	6135 MHz	41	6155 MHz	45	6175 MHz
49	6195 MHz	53	6215 MHz	57	6235 MHz	61	6255 MHz
65	6275 MHz	69	6295 MHz	73	6315 MHz	77	6335 MHz
81	6355 MHz	85	6375 MHz	89	6395 MHz	93	6415MHz

8 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
35	6125 MHz	43	6165 MHz	51	6205 MHz	59	6245 MHz
67	6285MHz	75	6325 MHz	83	6365 MHz	91	6405 MHz

4 channel is provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
39	6145 MHz	55	6225 MHz	71	6305 MHz	87	6385 MHz

2 channel is provided for 802.11ax (HE160):

Channel	Frequency	Channel	Frequency
47	6185 MHz	79	6345 MHz

U-NII-6:

5 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
97	6435 MHz	101	6455 MHz	105	6475 MHz	109	6495 MHz
113	6515 MHz						

3 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency
99	6445 MHz	107	6485 MHz	*115	6525 MHz

1 channels is provided for 802.11ax (HE80):

Channel	Frequency
103	6465 MHz

1 channel is provided for 802.11ax (HE160):

Channel	Frequency
*111	6505 MHz

U-NII-7:

17 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
117	6535 MHz	121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz	145	6675 MHz
149	6695 MHz	153	6715 MHz	157	6735 MHz	161	6755 MHz
165	6775 MHz	169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz						

8 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
123	6565 MHz	131	6605 MHz	139	6645 MHz	147	6685 MHz
155	6725 MHz	163	6765 MHz	171	6805 MHz	179	6845 MHz

5 channels are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
*119	6545 MHz	135	6625 MHz	151	6705 MHz	167	6785 MHz
*183	6865 MHz						

2 channels are provided for 802.11ax (HE160):

Channel	Frequency	Channel	Frequency
143	6665 MHz	175	*6825 MHz

U-NII-8:

12 channels are provided for 802.11a, 802.11ax (HE20):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
*185	6875 MHz	189	6895 MHz	193	6915 MHz	197	6935 MHz
201	6955 MHz	205	6975 MHz	209	6995 MHz	213	7015 MHz
217	7035 MHz	221	7055 MHz	225	7075 MHz	229	7095 MHz

6 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency
*187	6885 MHz	195	6925 MHz	203	6965 MHz
211	7005 MHz	219	7045 MHz	227	7085 MHz

2 channels is provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
199	6945 MHz	215	7025 MHz

1 channels are provided for 802.11ax (HE160):

Channel	Frequency
207	6985 MHz

Note: * mean these are straddle channels.

3.4 Power Setting

Power Setting								
Channel	802.11a CDD	802.11ax (HE20) CDD	Channel	802.11ax (HE40) CDD	Channel	802.11ax (HE80) CDD	Channel	802.11ax (HE160) CDD
33	33	31	35	42	39	52	47	60
61	33	31	59	39	55	52	79	61
93	36	33	91	40	87	52	111	62
97	32	29	99	38	103	52	143	61
105	32	29	107	39	119	56	175	62
113	35	29	115	39	135	53	207	62
117	36	30	123	40	151	54		
153	35	30	155	40	167	55		
181	35	33	179	40	183	53		
185	35	33	187	39	199	53		
213	29	27	211	39	215	53		
229	33	31	227	39				

Power Setting							
Channel	802.11ax (HE20) Beamforming	Channel	802.11ax (HE40) Beamforming	Channel	802.11ax (HE80) Beamforming	Channel	802.11ax (HE160) Beamforming
33	27	35	38	39	50	47	60
61	28	59	39	55	50	79	60
93	28	91	39	87	52	111	62
97	29	99	38	103	52	143	61
105	29	107	38	119	54	175	62
113	29	115	39	135	52	207	62
117	30	123	40	151	52		
153	30	155	40	167	55		
181	33	179	35	183	52		
185	33	187	38	199	52		
213	27	211	39	215	51		
229	27	227	35				

3.5 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

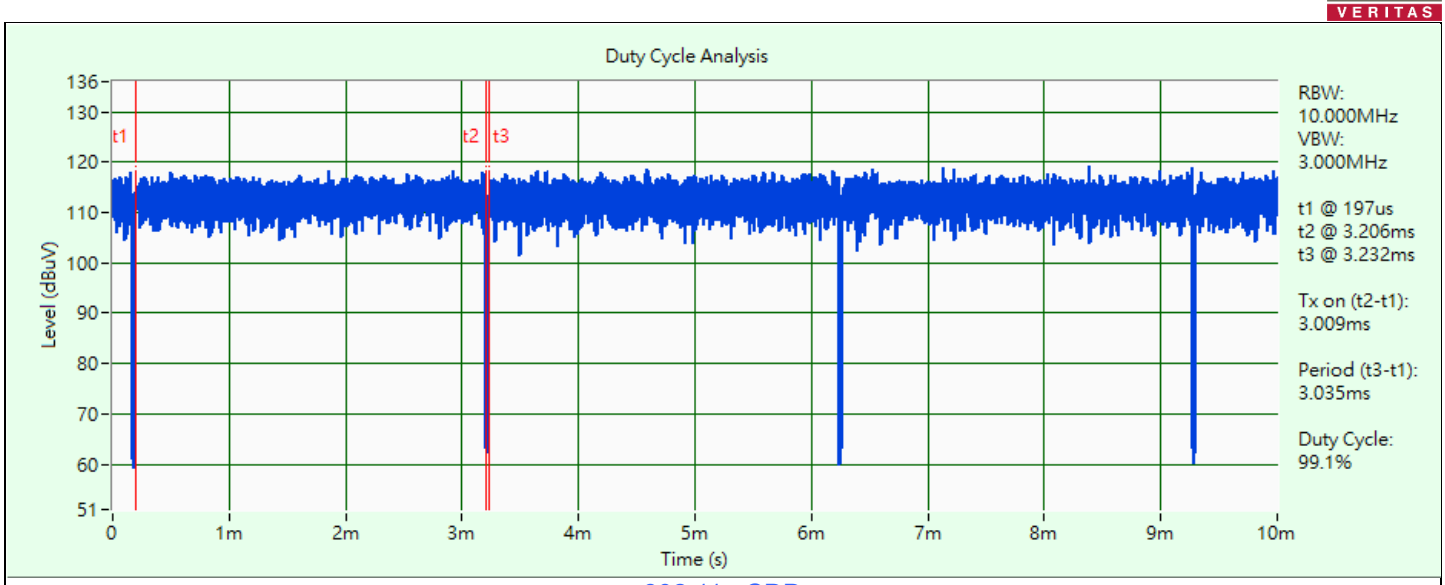
Following channel(s) was (were) selected for the final test as listed below:

Test Item	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter
RF Output Power / Power Spectral Density	802.11a	CDD	33, 61, 93, 97, 105, 113, 117, 153, 181, 185, 213, 229	BPSK	6Mb/s
	802.11ax (HE20)	CDD & Beamforming	33, 61, 93, 97, 105, 113, 117, 153, 181, 185, 213, 229	BPSK	MCS0
	802.11ax (HE40)	CDD & Beamforming	35, 59, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	802.11ax (HE80)	CDD & Beamforming	39, 55, 87, 103, 119, 135, 151, 167, 183, 199, 215	BPSK	MCS0
	802.11ax (HE160)	CDD & Beamforming	47, 79, 111, 143, 175, 207	BPSK	MCS0
Emission Bandwidth / In-Band Emission Mask / Occupied Bandwidth	802.11a	CDD	33, 61, 93, 97, 105, 113, 117, 153, 181, 185, 213, 229	BPSK	6Mb/s
	802.11ax (HE20)	CDD	33, 61, 93, 97, 105, 113, 117, 153, 181, 185, 213, 229	BPSK	MCS0
	802.11ax (HE40)	CDD	35, 59, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	802.11ax (HE80)	CDD	39, 55, 87, 103, 119, 135, 151, 167, 183, 199, 215	BPSK	MCS0
	802.11ax (HE160)	CDD	47, 79, 111, 143, 175, 207	BPSK	MCS0
Frequency Stability	802.11a	-	33	un-modulation	-
Contention-based Protocol	802.11ax (HE20)	CDD	45, 105, 149, 209	BPSK	MCS0
	802.11ax (HE160)	CDD	47, 111, 143, 207	BPSK	MCS0
AC Power Conducted Emissions	802.11ax (HE160)	CDD	207	BPSK	MCS0
Unwanted Emissions below 1 GHz	802.11ax (HE160)	CDD	207	BPSK	MCS0

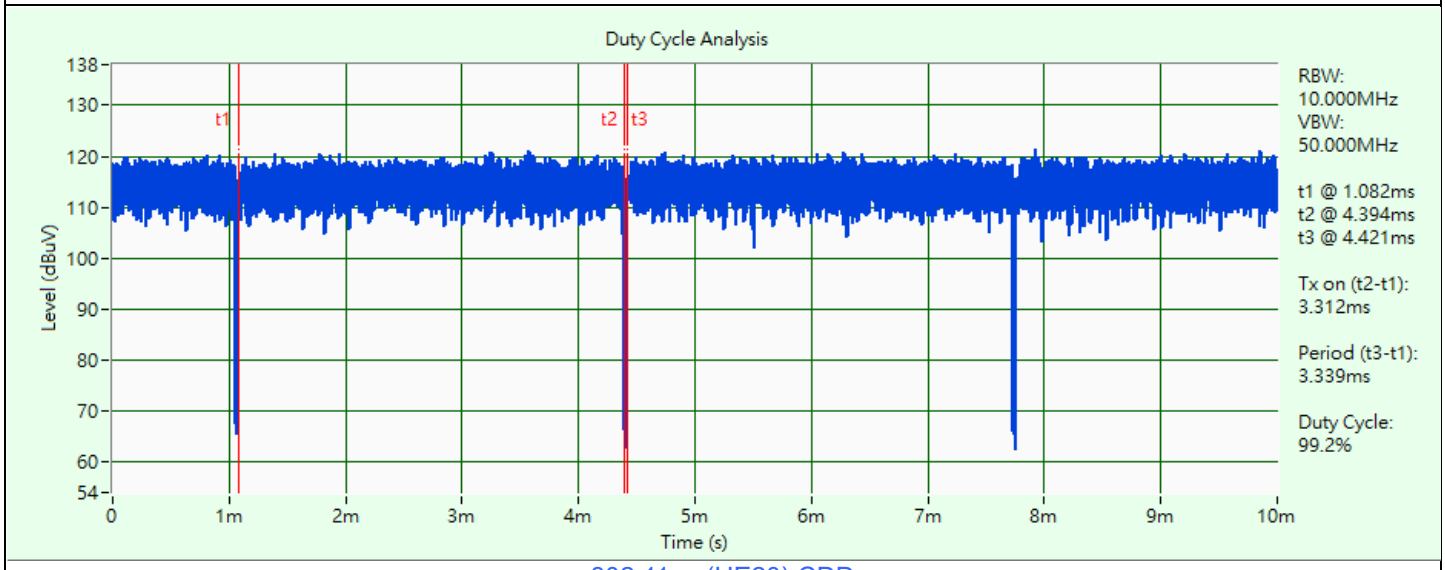
Test Item	Mode	Signal Mode	Tested Channel	Modulation	Data Rate Parameter
Unwanted Emissions above 1 GHz	802.11a	CDD	33, 61, 93, 97, 105, 113, 117, 153, 181, 185, 213, 229	BPSK	6Mb/s
	802.11ax (HE20)	CDD & Beamforming	33, 61, 93, 97, 105, 113, 117, 153, 181, 185, 213, 229	BPSK	MCS0
	802.11ax (HE40)	CDD & Beamforming	35, 59, 91, 99, 107, 115, 123, 155, 179, 187, 211, 227	BPSK	MCS0
	802.11ax (HE80)	CDD & Beamforming	39, 55, 87, 103, 119, 135, 151, 167, 183, 199, 215	BPSK	MCS0
	802.11ax (HE160)	CDD & Beamforming	47, 79, 111, 143, 175, 207	BPSK	MCS0
Note: Partial RU (resource unit) and channel puncturing/bandwidth reduction configurations are not supported.					

3.6 Duty Cycle of Test Signal

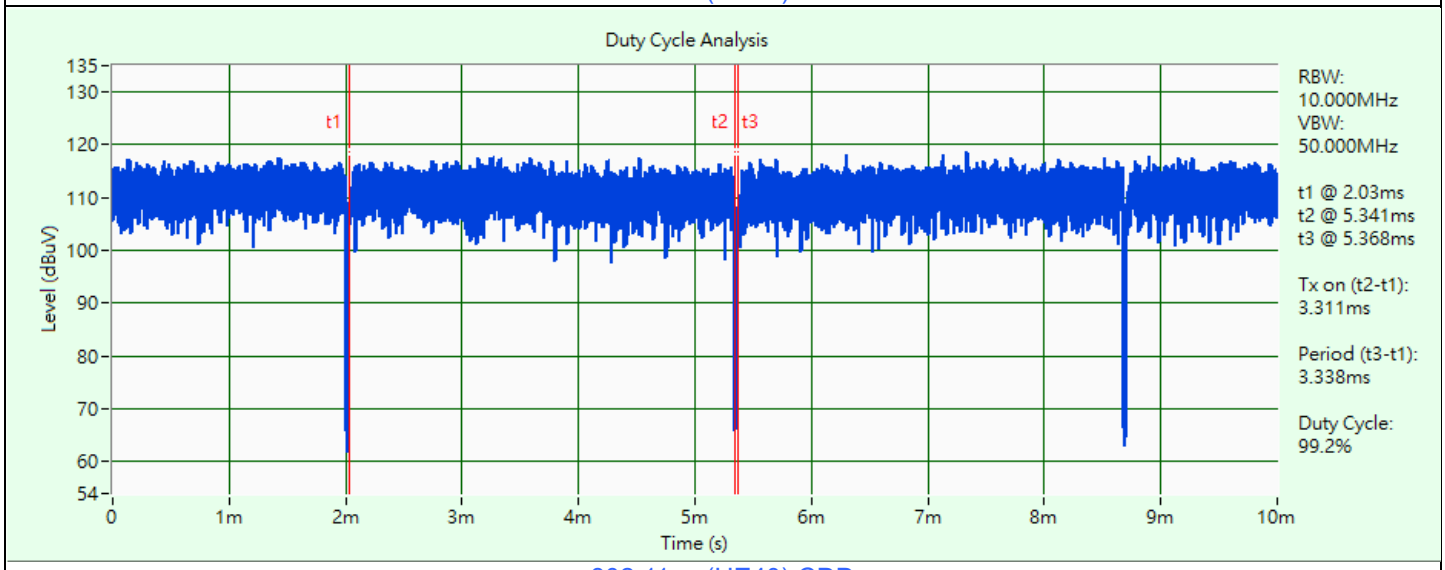
802.11a CDD: Duty cycle = 3.009 ms / 3.035 ms x 100% = 99.1%
802.11ax (HE20) CDD: Duty cycle = 3.312 ms / 3.339 ms x 100% = 99.2%
802.11ax (HE40) CDD: Duty cycle = 3.311 ms / 3.338 ms x 100% = 99.2%
802.11ax (HE80) CDD: Duty cycle = 3.167 ms / 3.193 ms x 100% = 99.2%
802.11ax (HE160) CDD: Duty cycle = 2.998 ms / 2.999 ms x 100% = 100.0%
802.11ax (HE20) Beamforming: Duty cycle = 98.03 ms / 100 ms x 100% = 98%
802.11ax (HE40) Beamforming: Duty cycle = 98.65 ms / 100 ms x 100% = 98.6%
802.11ax (HE80) Beamforming: Duty cycle = 97.975 ms / 100 ms x 100% = 98%
802.11ax (HE160) Beamforming: Duty cycle = 98.515 ms / 100 ms x 100% = 98.5%



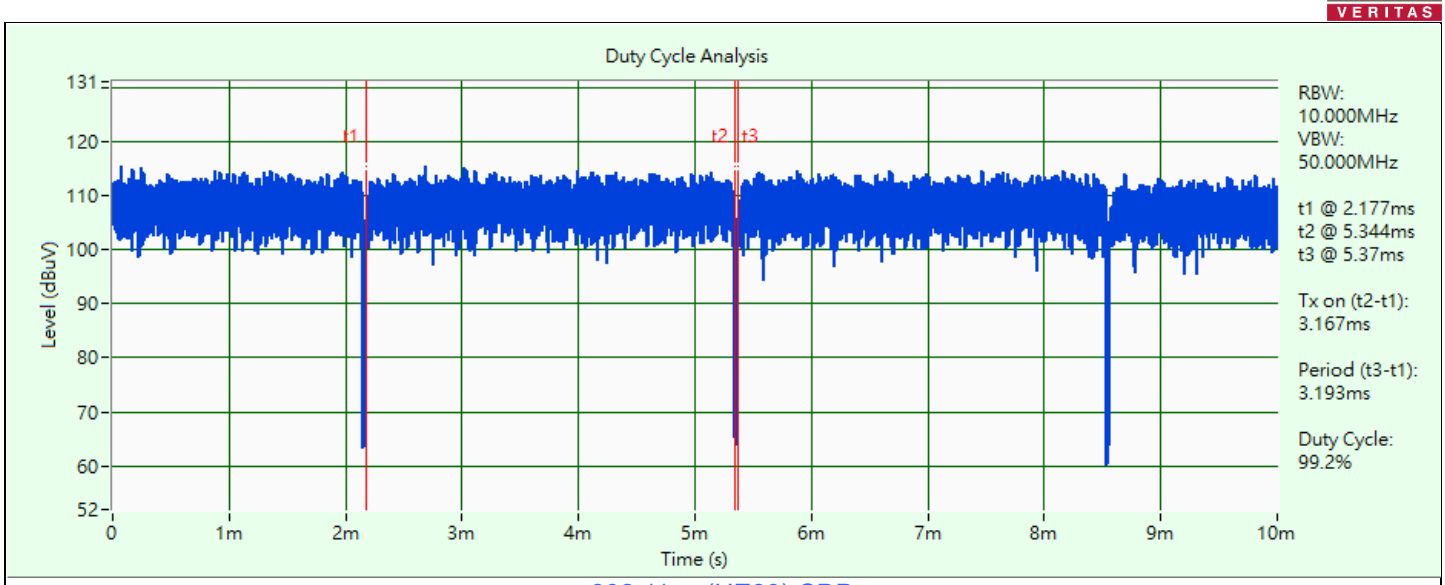
802.11a CDD



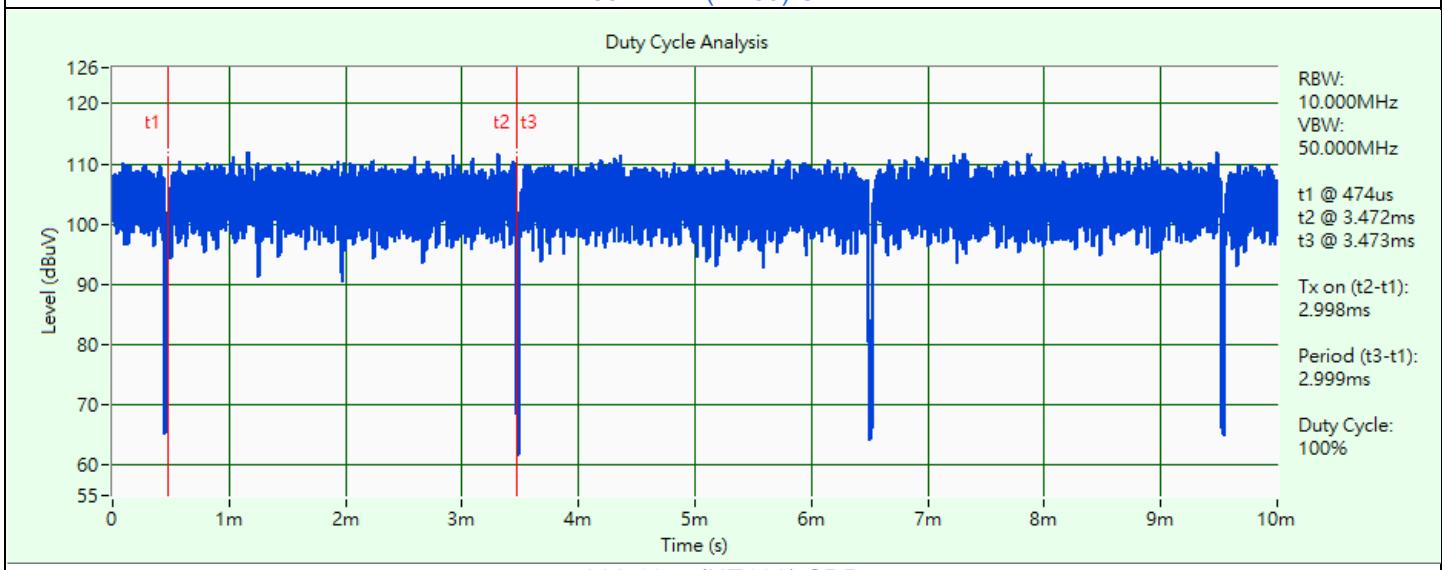
802.11ax (HE20) CDD



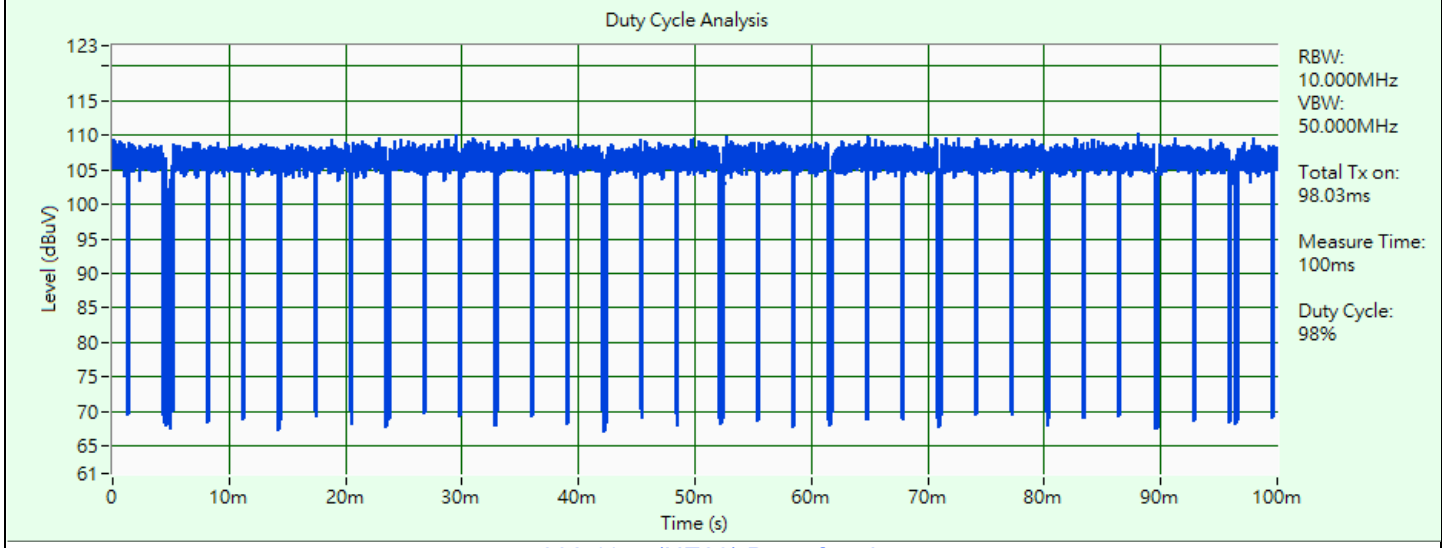
802.11ax (HE40) CDD



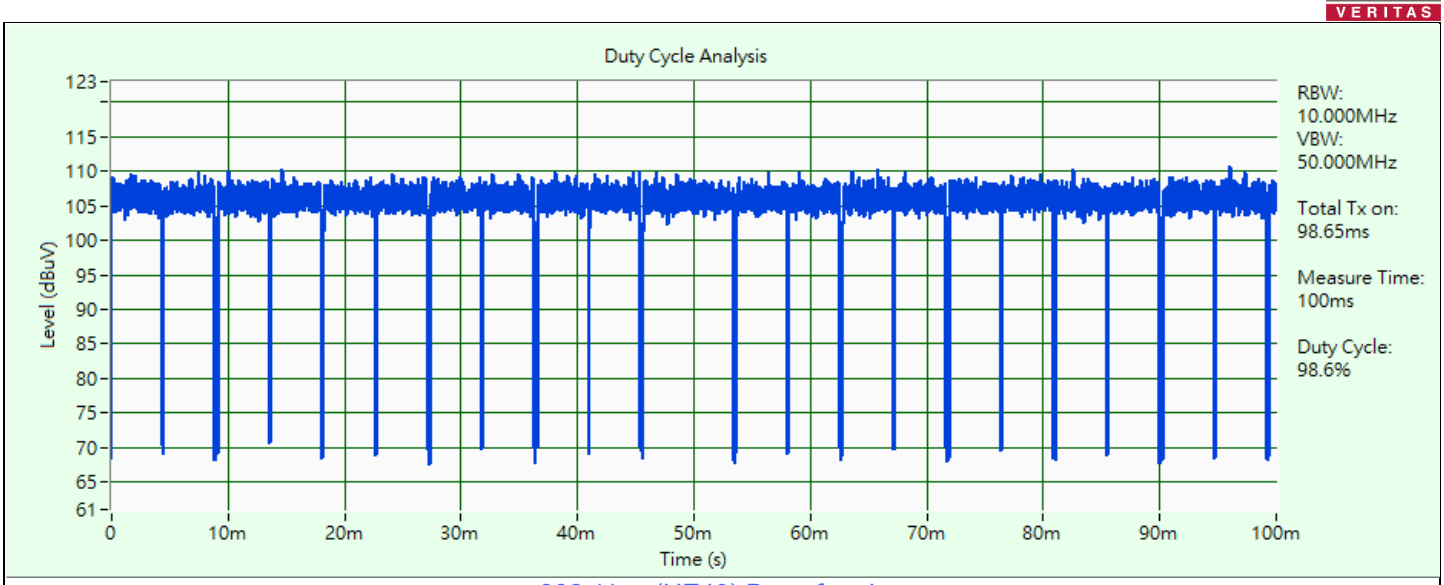
802.11ax (HE80) CDD



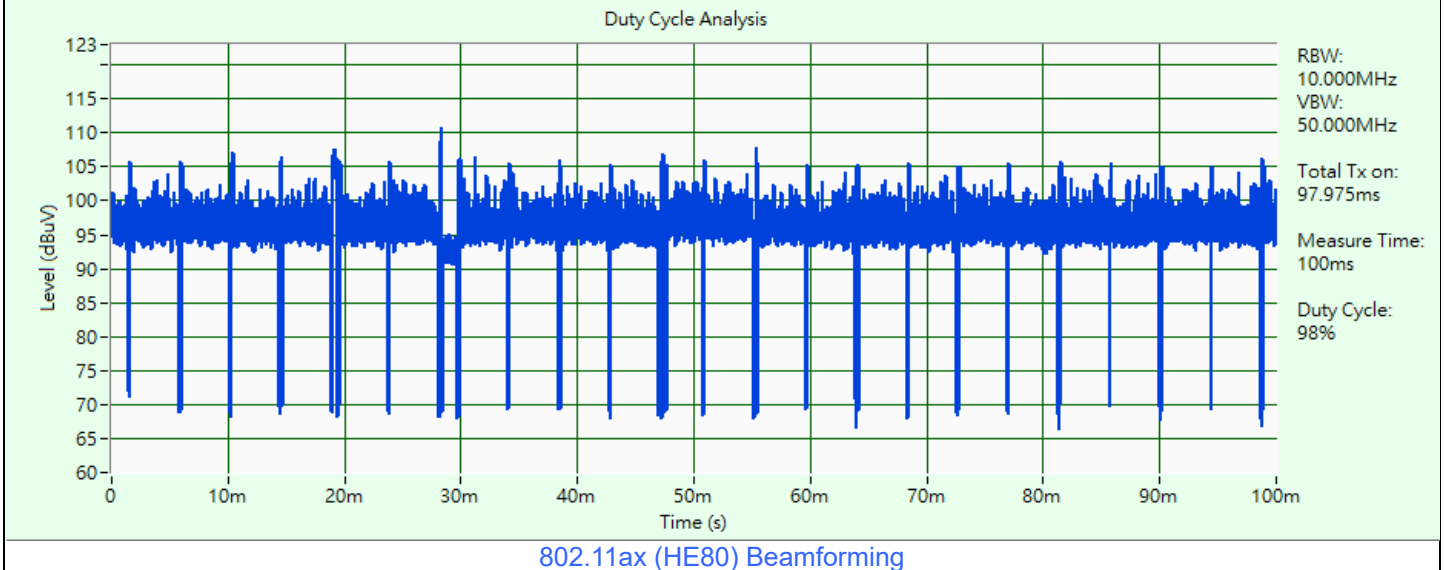
802.11ax (HE160) CDD



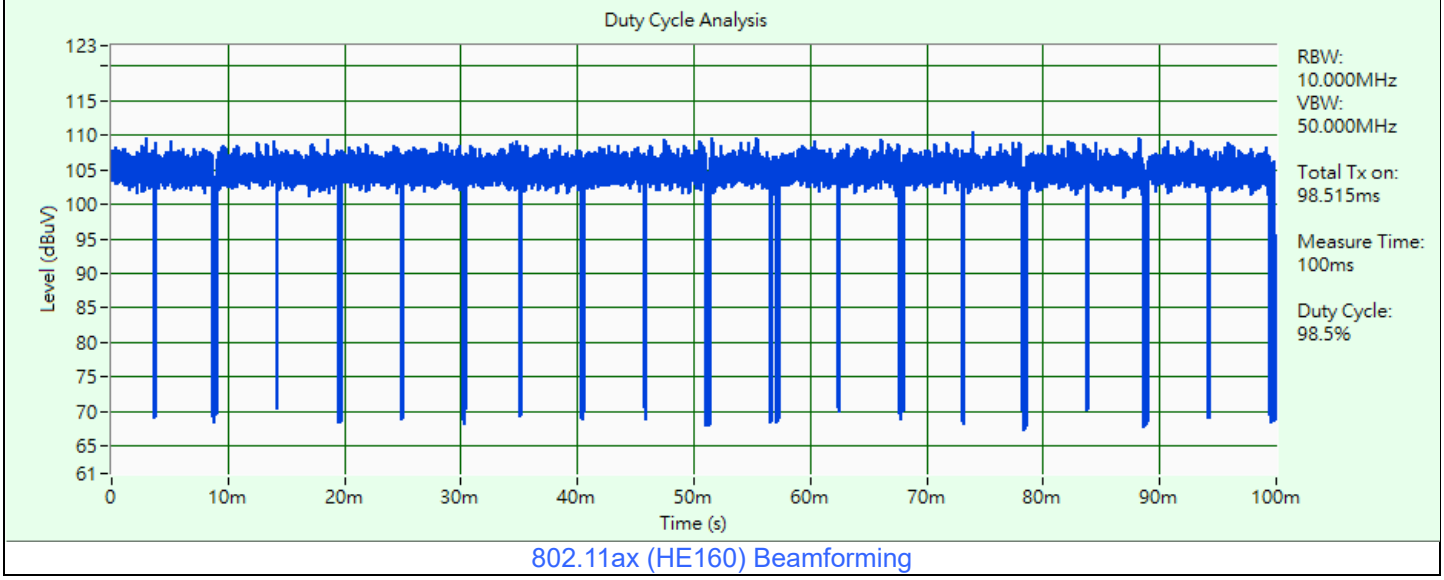
802.11ax (HE20) Beamforming



802.11ax (HE40) Beamforming



802.11ax (HE80) Beamforming

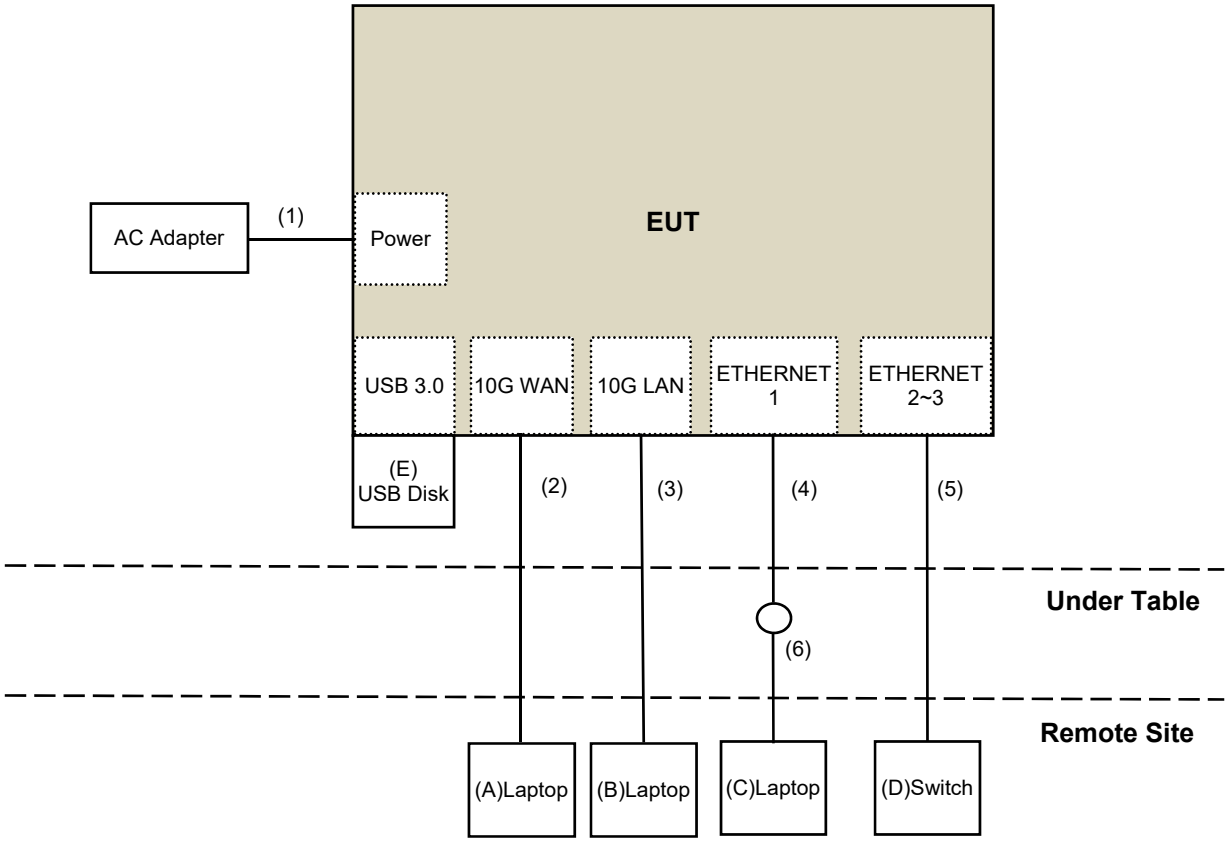


802.11ax (HE160) Beamforming

3.7 Test Program Used and Operation Descriptions

Controlling software (accessMTool_REL_3_2_1_3) has been activated to set the EUT under transmission condition continuously at specific channel frequency.

3.8 Connection Diagram of EUT and Peripheral Devices



3.9 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	Lenovo	20U5S01X00 L14	PF-28LKK7	N/A	Provided by Lab
B	Laptop	Lenovo	20U5S01X00 L14	PF-1ANPYA	N/A	Provided by Lab
C	Laptop	HP	TPN-Q186	5CD8212YYK	DoC	Provided by Lab
D	Switch	D-Link	DGS-1005D	DR8WC92000523	N/A	Provided by Lab
E	USB Disk	SanDink	BM181225896Z	N/A	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	DC Cable	1	1.5	No	0	Supplied by applicant
2	RJ-45 Cable	1	10	No	0	Provided by Lab
3	RJ-45 Cable	1	10	No	0	Provided by Lab
4	Ethernet Cable	1	1	No	0	Supplied by applicant
5	RJ-45 Cable	3	10	No	0	Provided by Lab
6	RJ-45 Cable	1	10	No	0	Provided by Lab

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 RF Output Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-2035	2022/11/13	2023/11/12
Pre_Amplifier EMCI	EMC12630SE	980385	2022/8/15	2023/8/14
RF Cable EMCI	EMC104-SM-SM-1300	210205	2022/5/10	2023/5/9
RF Coaxial Cable EMCI	EMC101G-KM-KM-10000	210708	2022/11/4	2023/11/3
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A
Spectrum Analyzer Keysight	N9020B	MY60112410	2022/3/13	2023/3/12
Test Receiver KEYSIGHT	N9038A	MY59050100	2022/6/20	2023/6/19

Notes:

1. The test was performed in 966 Chamber No. 6.
2. Tested Date: 2023/1/21

4.2 Power Spectral Density

Refer to section 4.1 to get information of the instruments.

4.3 Emission Bandwidth

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2022/4/5	2023/4/4
Software	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A
Spectrum Analyzer Keysight	N9020B	MY60112409	2022/3/11	2023/3/10

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2023/1/21

4.4 In-Band Emission Mask

Refer to section 4.3 to get information of the instruments.

4.5 Occupied Bandwidth

Refer to section 4.3 to get information of the instruments.

4.6 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
AC Power Source GOOD WILL	6905S	1991551	N/A	N/A
Attenuator WOKEN	MDCS18N-10	MDCS18N-10-01	2022/4/5	2023/4/4
Software	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A
Spectrum Analyzer Keysight	N9020B	MY60112409	2022/3/11	2023/3/10
Temperature & Humidity Chamber Giant Force	GTH-150-40-SP-AR	MAA0812-008	2022/12/26	2023/12/25
True RMS Clamp Meter Fluke	325	31130711WS	2022/6/9	2023/6/8

Notes:

1. The test was performed in Oven room 2.
2. Tested Date: 2023/1/21

4.7 Contention-based Protocol

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
N9030B - PXA Signal Analyzer KEYSIGHT	N9030B	MY57140938	2022/3/15	2023/3/14
MXA Signal Analyzer KEYSIGHT	N9020B	MY60110513	2022/12/26	2023/12/25
MXG Vector signal generator Agilent	N5182B	MY53050430	2022/11/29	2023/11/28
Combiner / Splitter (Model:ZN2PD-9G) Mini-Circuits	ZN2PD-9G	ZN2PD-9G	2022/6/9	2023/6/8
N5182BU KEYSIGHT	N5182BU	MY59360189	2022/11/29	2023/11/28
Splitters/Combiners Mini-Circuits	ZN2PD-9G	N/A	2022/9/2	2024/9/1

Notes:

1. The test was performed in HY - Adaptive.
2. Tested Date: 2023/2/1

4.8 AC Power Conducted Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
50 ohm terminal resistance	N/A	EMC-01	2022/9/27	2023/9/26
Fixed attenuator STI	STI02-2200-10	005	2022/8/24	2023/8/23
LISN R&S	ESH3-Z5	848773/004	2022/10/18	2023/10/17
RF Coaxial Cable JYEBO	5D-FB	COCCAB-001	2022/8/24	2023/8/23
Software BVADT	BVADT_Cond_V7.3.7.4	N/A	N/A	N/A
TEST RECEIVER R&S	ESCS 30	847124/029	2022/10/14	2023/10/13

Notes:

1. The test was performed in Conduction 1
2. Tested Date: 2023/1/3

4.9 Unwanted Emissions below 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Bilog Antenna Schwarzbeck	VULB 9168	9168-0942	2022/10/20	2023/10/19
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Fixed attenuator Mini-Circuits	UNAT-5+	PAD-ATT5-01	2022/12/28	2023/12/27
LOOP ANTENNA Electro-Metrics	EM-6879	264	2022/3/18	2023/3/17
Pre_Amplifier EMCI	EMC001340	980142	2022/6/2	2023/6/1
Pre_Amplifier(20M-3G) EMCI	EMC330N	980852	2022/3/28	2023/3/27
RF Coaxial Cable COMMATE/PEWC	8D	966-6-1	2022/4/25	2023/4/24
		966-6-2	2022/4/25	2023/4/24
		966-6-3	2022/4/25	2023/4/24
RF Coaxial Cable JYEBO	5D-FB	LOOPCAB-001	2022/1/6	2023/1/5
		LOOPCAB-002	2022/12/19	2023/12/18
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A
Spectrum Analyzer Keysight	N9020B	MY60112410	2022/3/13	2023/3/12
Test Receiver KEYSIGHT	N9038A	MY59050100	2022/6/20	2023/6/19

Notes:

1. The test was performed in 966 Chamber No. 6.
2. Tested Date: 2022/12/30

4.10 Unwanted Emissions above 1 GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Boresight Antenna Tower & Turn Table Max-Full	MF-7802BS	MF780208530	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-2035	2022/11/13	2023/11/12
	BBHA 9170	BBHA9170519	2022/11/13	2023/11/12
Pre_Amplifier EMCI	EMC12630SE	980385	2022/8/15	2023/8/14
	EMC184045SE	980387	2022/1/10	2023/1/9
			2022/12/28	2023/12/27
RF Cable EMCI	EMC104-SM-SM-1300	210205	2022/5/10	2023/5/9
RF Cable-Frequency range: 1-40GHz EMCI	EMC102-KM-KM-1200	160924	2022/1/10	2023/1/9
			2022/12/28	2023/12/27
RF Coaxial Cable EMCI	EMC-KM-KM-4000	200214	2022/3/8	2023/3/7
	EMC101G-KM-KM-10000	210708	2022/11/4	2023/11/3
Software	ADT_Radiated_V8.7.08	N/A	N/A	N/A
Spectrum Analyzer Keysight	N9020B	MY60112410	2022/3/13	2023/3/12
Test Receiver KEYSIGHT	N9038A	MY59050100	2022/6/20	2023/6/19

Notes:

1. The test was performed in 966 Chamber No. 6.
2. Tested Date: 2022/12/16 ~ 2023/1/31

5 Limits of Test Items

5.1 RF Output Power

Operation Band	EUT Category	Limit
		Max Average Power
U-NII-5 U-NII-6 U-NII-7 U-NII-8	Indoor AP	EIRP 30 dBm

5.2 Power Spectral Density

Operation Band	EUT Category	Limit
		Peak Power Density
U-NII-5 U-NII-6 U-NII-7 U-NII-8	Indoor AP	EIRP 5 dBm/MHz

5.3 Emission Bandwidth

The results are for reference only.

5.4 In-Band Emission Mask

Test Item	Frequencies (MHz)	(X) dBc*1
Emission Mask	At 1 MHz outside of channel edge	20
	At one channel bandwidth from the channel center*2	28
	At one- and one-half times the channel bandwidth away from channel center*3	40
	More than one- and one-half times the channel bandwidth	40

*1 : The power spectral density must be suppressed by “x” dB

*2 : At frequencies between one megahertz outside an unlicensed device’s channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression,

*3 : At frequencies between one and one- and one-half times an unlicensed device’s channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression.

5.5 Occupied Bandwidth

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 MHz.

5.6 Frequency Stability

The frequency of the carrier signal shall be maintained within band of operation.

5.7 Contention-based Protocol

Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm (The threshold is referenced to a 0 dBi antenna gain.) or lower. Additionally, indoor low-power devices must detect co-channel energy with 90% or greater certainty.

5.8 AC Power Conducted Emissions

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Notes:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

5.9 Unwanted Emissions below 1 GHz

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

5.10 Unwanted Emissions above 1 GHz

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
Above 960	500	3

Notes:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

Frequencies (MHz)	EIRP Limit	Equivalent Field Strength at 3 m
5925 MHz > F > 7125 MHz	Peak: -7 (dBm/MHz)	88.2 (dBuV/m)
	Average: -27 (dBm/MHz)	68.2 (dBuV/m)

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

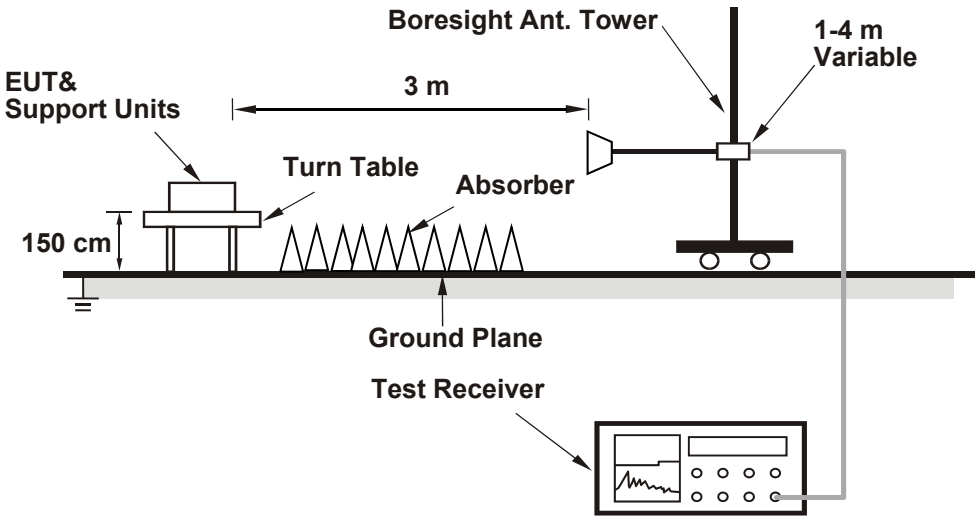
$$E = \frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts).

6 Test Arrangements

6.1 RF Output Power

6.1.1 Test Setup

Radiated Measurement Method



6.1.2 Test Procedure

Radiated Measurement Method

a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP level.
e. Follow ANSI C63.10 section 12.7.3, EIRP Value (dBm) = Field Strength Value (dBuV / m) + Correction Factor @ 3 m.
f. Correction Factor (dB) @ 3 m = 20log(D) – 104.77 = -95.23 dB; where D is the measurement distance @3 m.

Spectrum analyzer setting as below:
Method SA-1

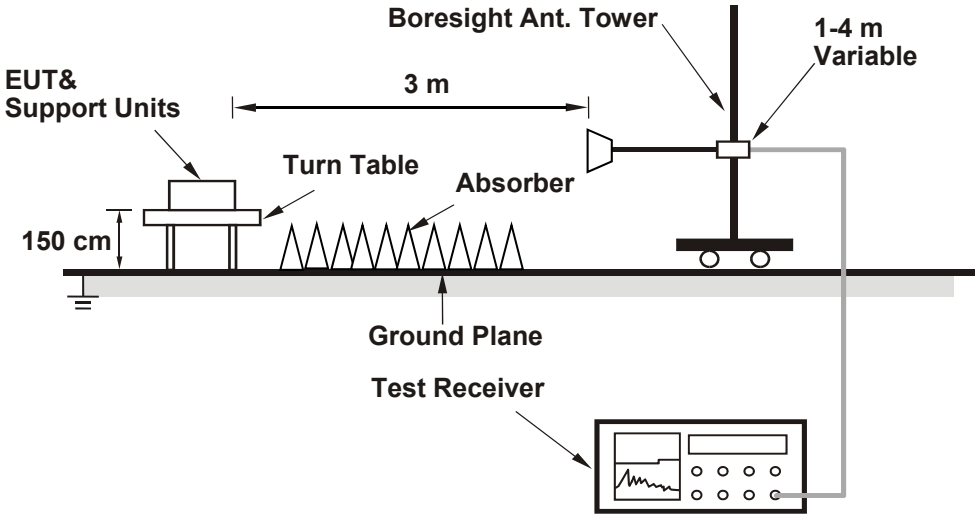
a. Set span to encompass the entire emission bandwidth (EBW) of the signal.
b. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
c. Sweep points ≥ [2 × span / RBW]. (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)
d. Sweep time = auto, trigger set to “free run”.
e. Trace average at least 100 traces in power averaging mode.
f. Record the max value

Note: When measuring power, use compute power by integrating the spectrum across the 26 dB EBW or 99% OBW of the signal using the instrument’s band power measurement function, with band limits set equal to the EBW or OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 26 dB EBW or 99% OBW of the spectrum.

6.2 Power Spectral Density

6.2.1 Test Setup

Radiated Measurement Method



6.2.2 Test Procedure

Radiated Measurement Method

a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP level.

e. Follow ANSI C63.10 section 12.7.3, EIRP Value (dBm) = Field Strength Value (dBuV/m) + Correction Factor @ 3 m.

f. Correction Factor (dB) @ 3 m = 20log(D) – 104.77; where D is the measurement distance @3 m = -95.23 dB

Spectrum analyzer setting as below:
Method SA-1

a. Set span to encompass the entire emission bandwidth (EBW) of the signal.

b. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS

c. Sweep points ≥ [2 × span / RBW]. (This gives bin-to-bin spacing ≤ RBW / 2, so that narrowband signals are not lost between frequency bins.)

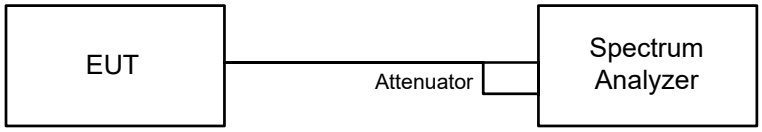
d. Sweep time = auto, trigger set to “free run”.

e. Trace average at least 100 traces in power averaging mode.

f. Record the max value

6.3 Emission Bandwidth

6.3.1 Test Setup

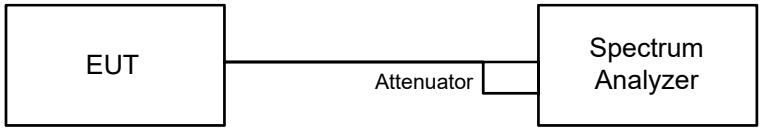


6.3.2 Test Procedure

a. Set RBW = approximately 1% of the emission bandwidth.
b. Set the VBW > RBW.
c. Detector = Peak.
d. Trace mode = max hold.
e. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

6.4 In-Band Emission Mask

6.4.1 Test Setup

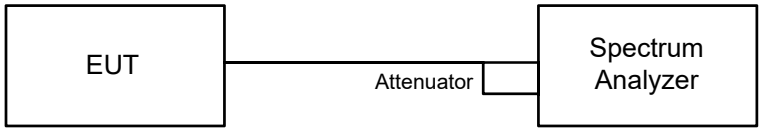


6.4.2 Test Procedure

a. Connect output of the antenna port to a spectrum analyzer and adjust appropriate attenuation.
b. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (Determine the channel edge.)
c. Measure the power spectral density (for emissions mask reference) using the following procedure:
    a) Set the span to encompass the entire 26 dB EBW of the signal.
    b) Set RBW = same RBW used for 26 dB EBW measurement.
    c) Set VBW ≥ [3 X RBW].
    d) Number of points in sweep ≥ [2 X span / RBW].
    e) Sweep time = auto.
    f) Detector = RMS (i.e., power averaging).
    g) Trace average at least 100 traces in power averaging (rms) mode.
    h) Use the peak search function on the instrument to find the peak of the spectrum.
a. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
    a) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
    b) Suppressed by 28 dB at one channel bandwidth from the channel center.
    c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
a. Adjust the span to encompass the entire mask as necessary and clear trace.
b. Trace average at least 100 traces in power averaging (rms) mode.
c. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

6.5 Occupied Bandwidth

6.5.1 Test Setup

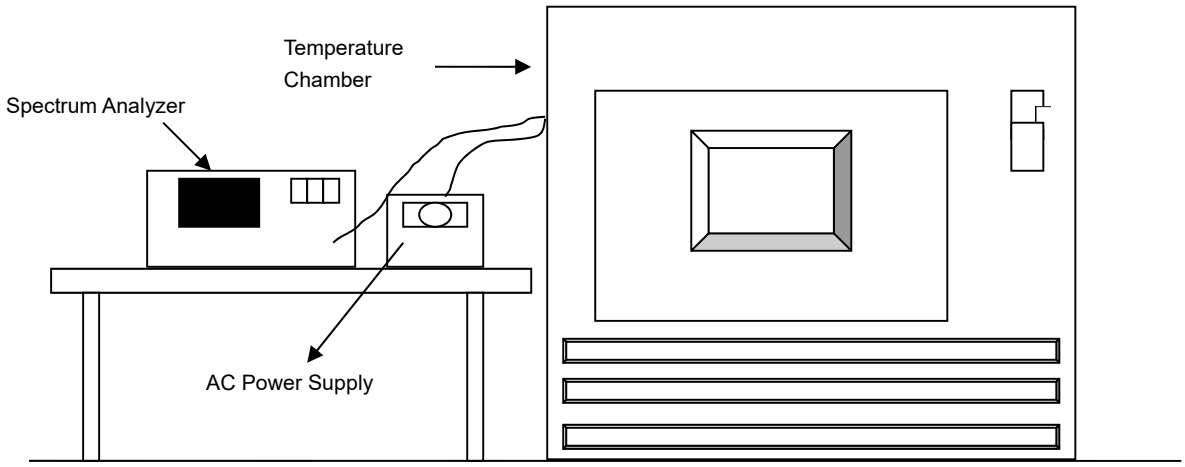


6.5.2 Test Procedure

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to Sampling. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean power of a given emission.

6.6 Frequency Stability

6.6.1 Test Setup

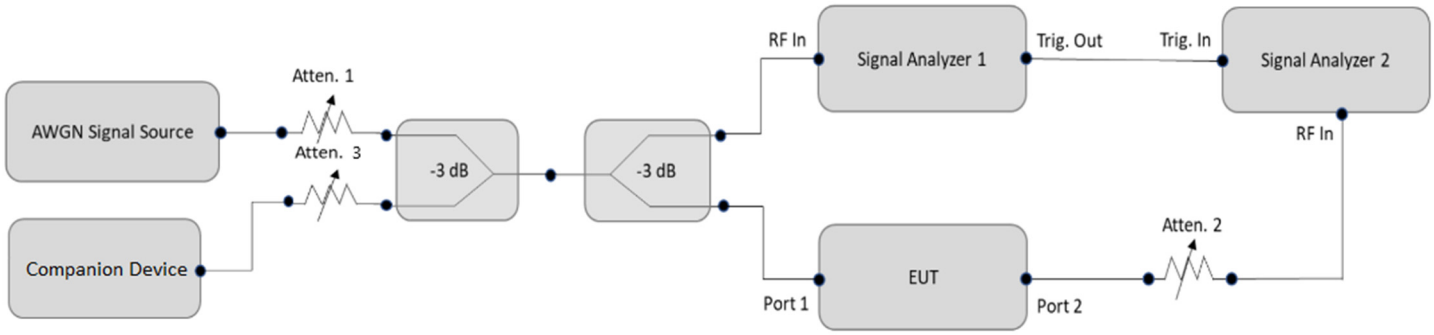


6.6.2 Test Procedure

a. The EUT was placed inside the environmental test chamber and powered by nominal AC voltage.
b. Turn the EUT on and couple its output to a spectrum analyzer.
c. Turn the EUT off and set the chamber to the highest temperature specified.
d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.
e. Repeat step (d) with the temperature chamber set to the next desired temperature until measurements down to the lowest specified temperature have been completed.
f. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

6.7 Contention-based Protocol

6.7.1 Test Setup



6.7.2 Test Procedure

a. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.

b. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters (set as following section 4.7.5 EUT operating condition).

c. Determine number of times detection threshold test as following table,

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leqq BW_{Inc}$	Once	Same as EUT transmission
$BW_{Inc} < BW_{EUT} \leqq 2xBW_{Inc}$	Once	Contained within BW_{EUT}
$2xBW_{Inc} < BW_{EUT} \leqq 4xBW_{Inc}$	Twice. (Incumbent transmission is contained within BW_{EUT})	Closely to the lower edge and upper edge of the EUT Channel
$BW_{EUT} > 4xBW_{Inc}$	Three times	Closely to the lower edge ,in the middle and upper edge of the EUT Channel

d. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use step c table to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.

e. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT.

f. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

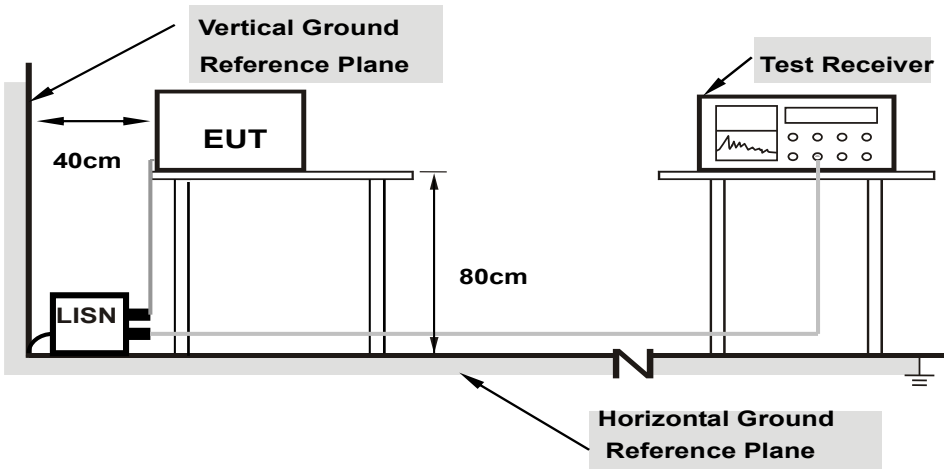
g. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.

h. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.

i. Refer to step c table to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step d, choose a different center frequency for the AWGN signal and repeat the process.

6.8 AC Power Conducted Emissions

6.8.1 Test Setup



Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.8.2 Test Procedure

a. The EUT was placed on a 0.8 meter to the top of table and placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50 uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

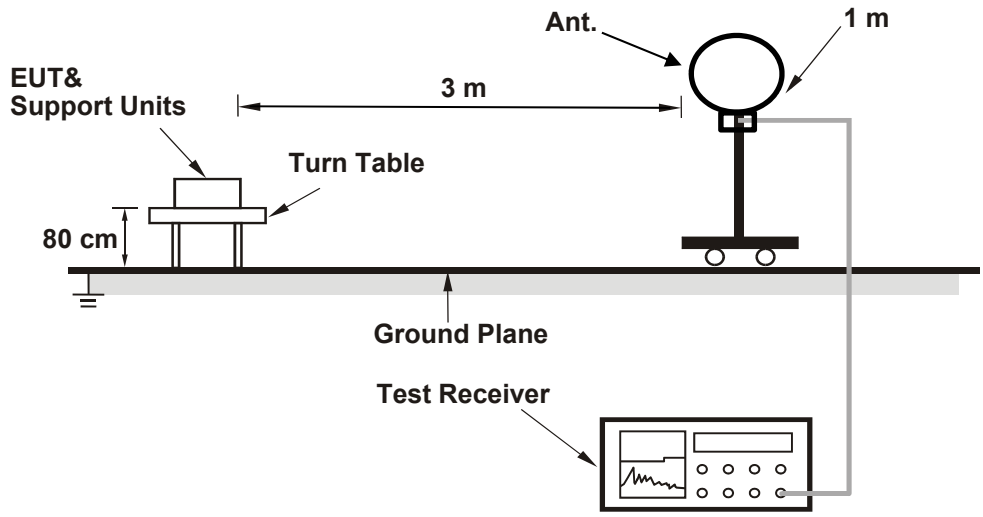
c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz-30 MHz.

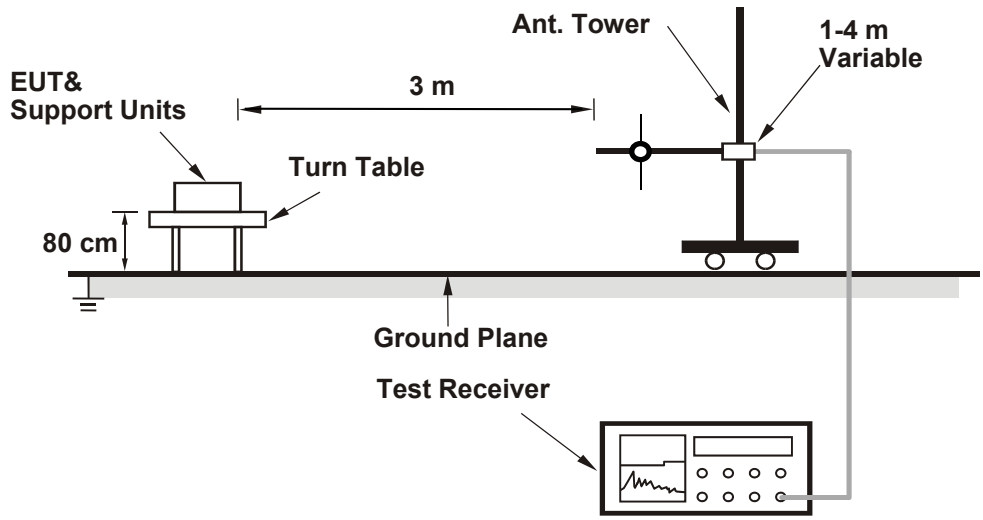
6.9 Unwanted Emissions below 1 GHz

6.9.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.9.2 Test Procedure

For Radiated emission below 30 MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode, except for the frequency band (9 kHz to 90 kHz and 110 kHz to 490 kHz) set to average detect function and peak detect function.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 200 Hz at frequency below 150 kHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz or 10 kHz at frequency (150 kHz to 30 MHz).
3. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated emission above 30 MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

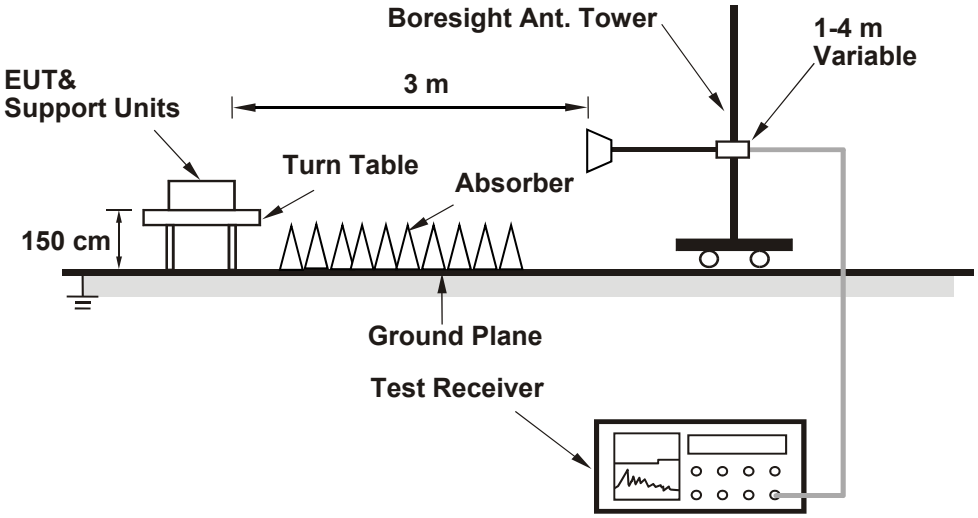
e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Notes:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

6.10 Unwanted Emissions above 1 GHz

6.10.1Test Setup



For the actual test configuration, please refer to the attached file (Test Setup Photo).

6.10.2Test Procedure

a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Notes:

1. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) and Average detection (AV) at frequency above 1 GHz.
2. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10 Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1 GHz.
3. All modes of operation were investigated and the worst-case emissions are reported.

7 Test Results of Test Item

7.1 RF Output Power

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a CDD

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
33	6115	108.40	-95.23	20.749	13.17	30	Pass
61	6255	108.70	-95.23	22.233	13.47	30	Pass
93	6415	108.30	-95.23	20.277	13.07	30	Pass
97	6435	108.30	-95.23	20.277	13.07	30	Pass
105	6475	107.70	-95.23	17.66	12.47	30	Pass
113	6515	107.70	-95.23	17.66	12.47	30	Pass
117	6535	107.60	-95.23	17.258	12.37	30	Pass
153	6715	108.70	-95.23	22.233	13.47	30	Pass
181	6855	109.70	-95.23	27.99	14.47	30	Pass
185	6875	109.90	-95.23	29.309	14.67	30	Pass
213	7015	108.40	-95.23	20.749	13.17	30	Pass
229	7095	109.10	-95.23	24.378	13.87	30	Pass

802.11ax (HE20) CDD

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
33	6115	108.80	-95.23	22.751	13.57	30	Pass
61	6255	109.00	-95.23	23.823	13.77	30	Pass
93	6415	108.70	-95.23	22.233	13.47	30	Pass
97	6435	108.70	-95.23	22.233	13.47	30	Pass
105	6475	108.10	-95.23	19.364	12.87	30	Pass
113	6515	108.40	-95.23	20.749	13.17	30	Pass
117	6535	108.50	-95.23	21.232	13.27	30	Pass
153	6715	109.60	-95.23	27.353	14.37	30	Pass
181	6855	108.70	-95.23	22.233	13.47	30	Pass
185	6875	108.70	-95.23	22.233	13.47	30	Pass
213	7015	108.60	-95.23	21.727	13.37	30	Pass
229	7095	109.80	-95.23	28.642	14.57	30	Pass

802.11ax (HE40) CDD

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
35	6125	112.40	-95.23	52.119	17.17	30	Pass
59	6245	111.60	-95.23	43.351	16.37	30	Pass
91	6405	112.30	-95.23	50.933	17.07	30	Pass
99	6445	111.90	-95.23	46.452	16.67	30	Pass
107	6485	111.90	-95.23	46.452	16.67	30	Pass
115	6525	111.90	-95.23	46.452	16.67	30	Pass
123	6565	112.20	-95.23	49.774	16.97	30	Pass
155	6725	111.30	-95.23	40.458	16.07	30	Pass
179	6845	112.10	-95.23	48.641	16.87	30	Pass
187	6885	111.60	-95.23	43.351	16.37	30	Pass
211	7005	112.00	-95.23	47.534	16.77	30	Pass
227	7085	111.30	-95.23	40.458	16.07	30	Pass

802.11ax (HE80) CDD

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
39	6145	115.10	-95.23	97.051	19.87	30	Pass
55	6225	115.30	-95.23	101.625	20.07	30	Pass
87	6385	115.40	-95.23	103.992	20.17	30	Pass
103	6465	115.30	-95.23	101.625	20.07	30	Pass
119	6545	115.40	-95.23	103.992	20.17	30	Pass
135	6625	115.20	-95.23	99.312	19.97	30	Pass
151	6705	115.20	-95.23	99.312	19.97	30	Pass
167	6785	115.00	-95.23	94.842	19.77	30	Pass
183	6865	116.00	-95.23	119.399	20.77	30	Pass
199	6945	115.90	-95.23	116.681	20.67	30	Pass
215	7025	116.40	-95.23	130.918	21.17	30	Pass

802.11ax (HE160) CDD

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
47	6185	117.70	-95.23	176.604	22.47	30	Pass
79	6345	117.40	-95.23	164.816	22.17	30	Pass
111	6505	117.80	-95.23	180.717	22.57	30	Pass
143	6665	118.20	-95.23	198.153	22.97	30	Pass
175	6825	118.50	-95.23	212.324	23.27	30	Pass
207	6985	117.80	-95.23	180.717	22.57	30	Pass

802.11ax (HE20) Beamforming

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
33	6115	111.80	-95.23	45.394	16.57	30	Pass
61	6255	110.20	-95.23	31.405	14.97	30	Pass
93	6415	108.80	-95.23	22.751	13.57	30	Pass
97	6435	110.90	-95.23	36.898	15.67	30	Pass
105	6475	110.90	-95.23	36.898	15.67	30	Pass
113	6515	109.90	-95.23	29.309	14.67	30	Pass
117	6535	109.20	-95.23	24.946	13.97	30	Pass
153	6715	109.40	-95.23	26.122	14.17	30	Pass
181	6855	109.70	-95.23	27.99	14.47	30	Pass
185	6875	108.00	-95.23	18.923	12.77	30	Pass
213	7015	110.40	-95.23	32.885	15.17	30	Pass
229	7095	108.80	-95.23	22.751	13.57	30	Pass

802.11ax (HE40) Beamforming

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
35	6125	113.80	-95.23	71.945	18.57	30	Pass
59	6245	115.20	-95.23	99.312	19.97	30	Pass
91	6405	113.80	-95.23	71.945	18.57	30	Pass
99	6445	114.30	-95.23	80.724	19.07	30	Pass
107	6485	112.50	-95.23	53.333	17.27	30	Pass
115	6525	114.00	-95.23	75.336	18.77	30	Pass
123	6565	112.90	-95.23	58.479	17.67	30	Pass
155	6725	114.00	-95.23	75.336	18.77	30	Pass
179	6845	112.90	-95.23	58.479	17.67	30	Pass
187	6885	113.00	-95.23	59.841	17.77	30	Pass
211	7005	114.50	-95.23	84.528	19.27	30	Pass
227	7085	111.40	-95.23	41.4	16.17	30	Pass

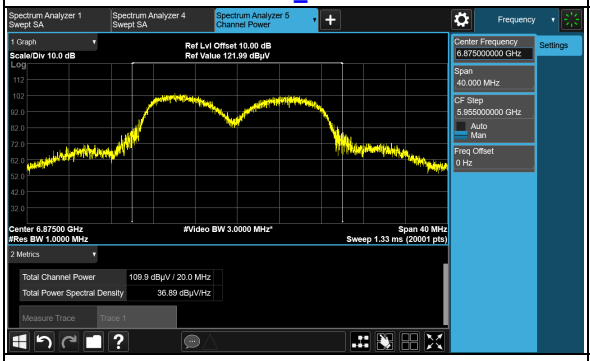
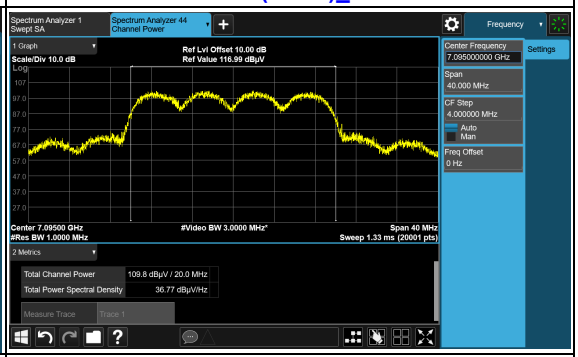
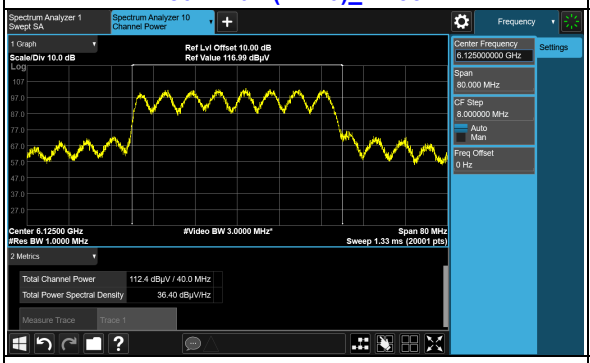
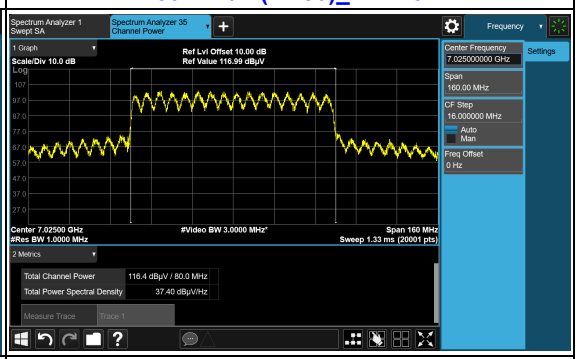
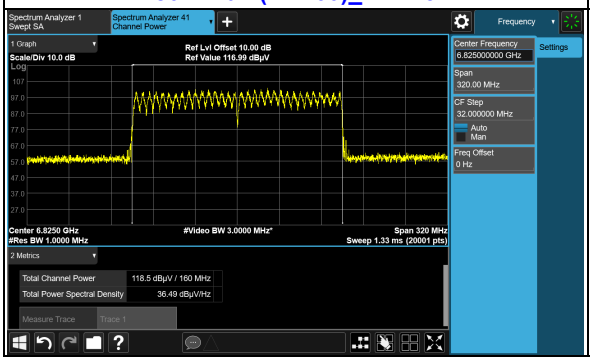
802.11ax (HE80) Beamforming

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
39	6145	116.80	-95.23	143.549	21.57	30	Pass
55	6225	118.30	-95.23	202.768	23.07	30	Pass
87	6385	116.90	-95.23	146.893	21.67	30	Pass
103	6465	117.30	-95.23	161.065	22.07	30	Pass
119	6545	115.60	-95.23	108.893	20.37	30	Pass
135	6625	116.20	-95.23	125.026	20.97	30	Pass
151	6705	117.10	-95.23	153.815	21.87	30	Pass
167	6785	115.20	-95.23	99.312	19.97	30	Pass
183	6865	117.00	-95.23	150.314	21.77	30	Pass
199	6945	117.80	-95.23	180.717	22.57	30	Pass
215	7025	117.40	-95.23	164.816	22.17	30	Pass

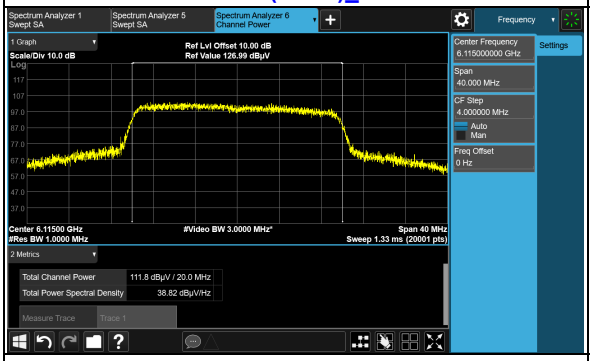
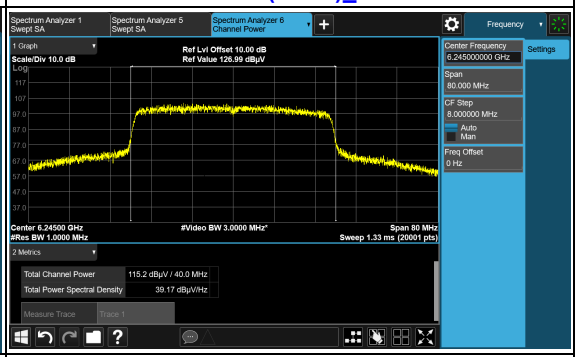
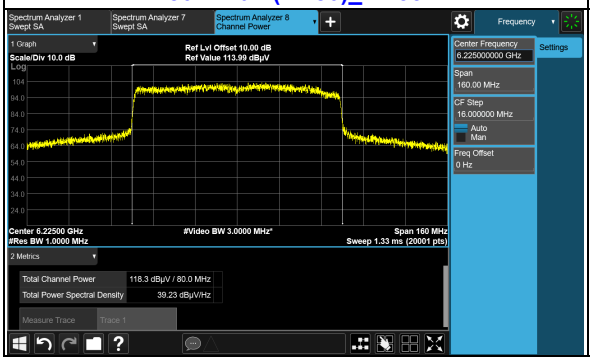
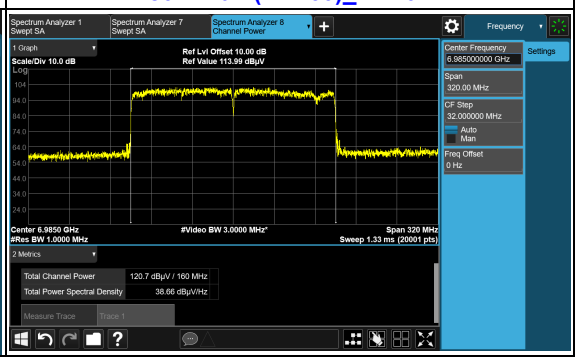
802.11ax (HE160) Beamforming

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Test Result
47	6185	120.00	-95.23	299.916	24.77	30	Pass
79	6345	119.30	-95.23	255.27	24.07	30	Pass
111	6505	119.40	-95.23	261.216	24.17	30	Pass
143	6665	118.40	-95.23	207.491	23.17	30	Pass
175	6825	117.80	-95.23	180.717	22.57	30	Pass
207	6985	120.70	-95.23	352.371	25.47	30	Pass

CDD

Spectrum Plot of Worst Value	
802.11a_CH185	802.11ax (HE20)_CH229
	
802.11ax (HE40)_CH35	802.11ax (HE80)_CH215
	
802.11ax (HE160)_CH175	
	

Beamforming

Spectrum Plot of Worst Value	
802.11ax (HE20)_ CH33	802.11ax (HE40)_CH59
	
802.11ax (HE80)_CH55	802.11ax (HE160)_CH207
	

7.2 Power Spectral Density

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a CDD

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
33	6115	100.19	-95.23	4.96	5	Pass
61	6255	100.16	-95.23	4.93	5	Pass
93	6415	100.22	-95.23	4.99	5	Pass
97	6435	100.14	-95.23	4.91	5	Pass
105	6475	100.04	-95.23	4.81	5	Pass
113	6515	100.07	-95.23	4.84	5	Pass
117	6535	100.18	-95.23	4.95	5	Pass
153	6715	100.13	-95.23	4.90	5	Pass
181	6855	100.17	-95.23	4.94	5	Pass
185	6875	100.19	-95.23	4.96	5	Pass
213	7015	100.15	-95.23	4.91	5	Pass
229	7095	100.18	-95.23	4.95	5	Pass

802.11ax (HE20) CDD

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
33	6115	100.13	-95.23	4.90	5	Pass
61	6255	100.05	-95.23	4.82	5	Pass
93	6415	100.06	-95.23	4.83	5	Pass
97	6435	100.19	-95.23	4.96	5	Pass
105	6475	100.13	-95.23	4.90	5	Pass
113	6515	100.11	-95.23	4.88	5	Pass
117	6535	100.12	-95.23	4.89	5	Pass
153	6715	100.11	-95.23	4.88	5	Pass
181	6855	100.18	-95.23	4.95	5	Pass
185	6875	100.19	-95.23	4.96	5	Pass
213	7015	100.16	-95.23	4.93	5	Pass
229	7095	100.11	-95.23	4.88	5	Pass

802.11ax (HE40) CDD

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
35	6125	100.18	-95.23	4.95	5	Pass
59	6245	100.00	-95.23	4.77	5	Pass
91	6405	100.19	-95.23	4.96	5	Pass
99	6445	100.20	-95.23	4.97	5	Pass
107	6485	100.11	-95.23	4.88	5	Pass
115	6525	100.04	-95.23	4.81	5	Pass
123	6565	100.12	-95.23	4.89	5	Pass
155	6725	100.20	-95.23	4.97	5	Pass
179	6845	100.21	-95.23	4.97	5	Pass
187	6885	100.18	-95.23	4.95	5	Pass
211	7005	100.19	-95.23	4.96	5	Pass
227	7085	100.18	-95.23	4.95	5	Pass

802.11ax (HE80) CDD

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
39	6145	100.16	-95.23	4.93	5	Pass
55	6225	100.14	-95.23	4.91	5	Pass
87	6385	100.12	-95.23	4.89	5	Pass
103	6465	100.15	-95.23	4.92	5	Pass
119	6545	100.21	-95.23	4.98	5	Pass
135	6625	100.18	-95.23	4.95	5	Pass
151	6705	100.15	-95.23	4.92	5	Pass
167	6785	100.18	-95.23	4.95	5	Pass
183	6865	100.19	-95.23	4.96	5	Pass
199	6945	100.20	-95.23	4.96	5	Pass
215	7025	100.21	-95.23	4.98	5	Pass

802.11ax (HE160) CDD

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
47	6185	100.15	-95.23	4.92	5	Pass
79	6345	100.15	-95.23	4.92	5	Pass
111	6505	100.14	-95.23	4.91	5	Pass
143	6665	100.19	-95.23	4.96	5	Pass
175	6825	100.21	-95.23	4.98	5	Pass
207	6985	100.19	-95.23	4.96	5	Pass

802.11ax (HE20) Beamforming

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
33	6115	100.18	-95.23	4.95	5	Pass
61	6255	100.16	-95.23	4.93	5	Pass
93	6415	100.21	-95.23	4.98	5	Pass
97	6435	100.17	-95.23	4.94	5	Pass
105	6475	100.11	-95.23	4.88	5	Pass
113	6515	100.11	-95.23	4.88	5	Pass
117	6535	100.08	-95.23	4.85	5	Pass
153	6715	100.09	-95.23	4.86	5	Pass
181	6855	100.09	-95.23	4.86	5	Pass
185	6875	100.19	-95.23	4.96	5	Pass
213	7015	100.21	-95.23	4.98	5	Pass
229	7095	100.17	-95.23	4.94	5	Pass

802.11ax (HE40) Beamforming

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
35	6125	100.16	-95.23	4.93	5	Pass
59	6245	100.21	-95.23	4.98	5	Pass
91	6405	100.01	-95.23	4.78	5	Pass
99	6445	100.20	-95.23	4.97	5	Pass
107	6485	100.22	-95.23	4.99	5	Pass
115	6525	100.19	-95.23	4.96	5	Pass
123	6565	100.03	-95.23	4.80	5	Pass
155	6725	100.14	-95.23	4.91	5	Pass
179	6845	100.20	-95.23	4.96	5	Pass
187	6885	100.04	-95.23	4.81	5	Pass
211	7005	100.20	-95.23	4.96	5	Pass
227	7085	100.14	-95.23	4.91	5	Pass

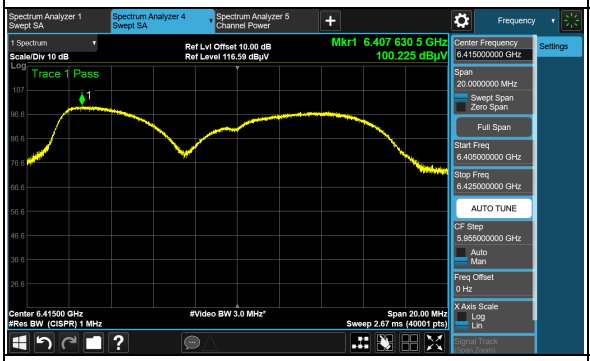
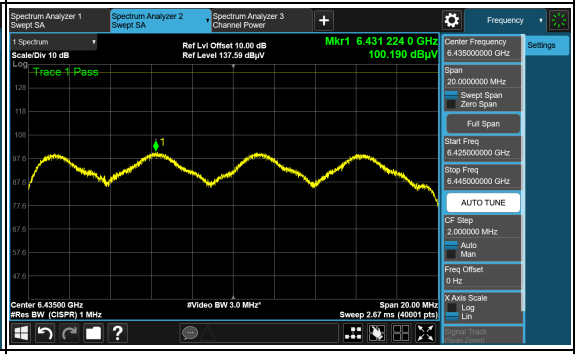
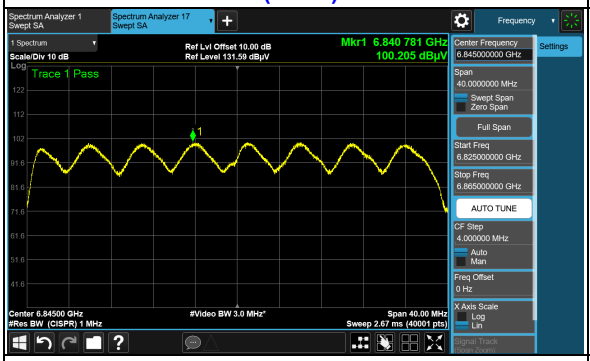
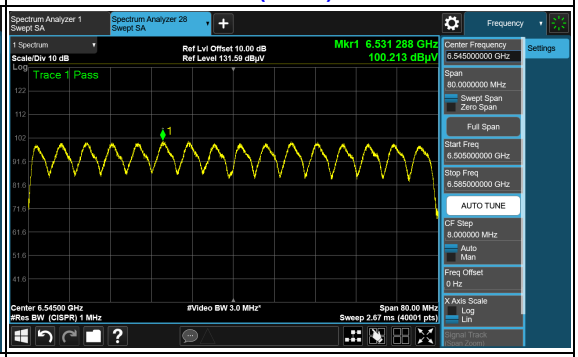
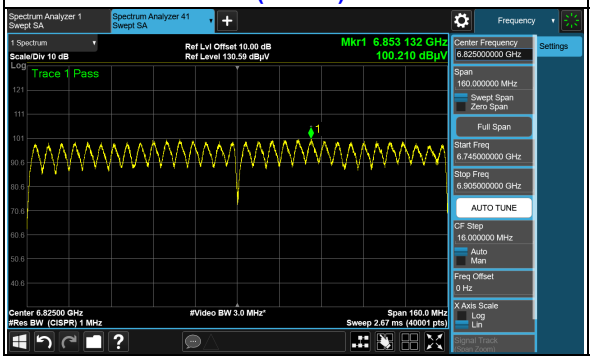
802.11ax (HE80) Beamforming

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
39	6145	100.05	-95.23	4.82	5	Pass
55	6225	100.06	-95.23	4.83	5	Pass
87	6385	100.05	-95.23	4.82	5	Pass
103	6465	100.18	-95.23	4.95	5	Pass
119	6545	100.01	-95.23	4.78	5	Pass
135	6625	100.20	-95.23	4.97	5	Pass
151	6705	100.13	-95.23	4.90	5	Pass
167	6785	100.13	-95.23	4.90	5	Pass
183	6865	100.21	-95.23	4.98	5	Pass
199	6945	100.08	-95.23	4.85	5	Pass
215	7025	100.21	-95.23	4.98	5	Pass

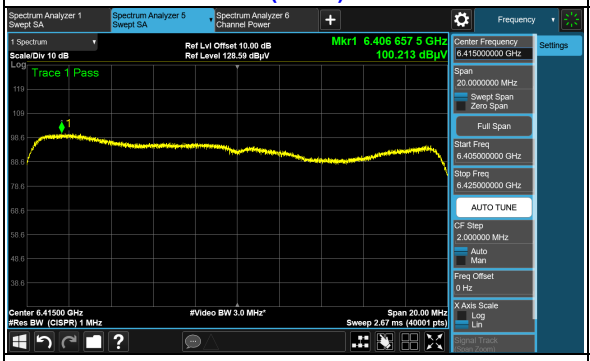
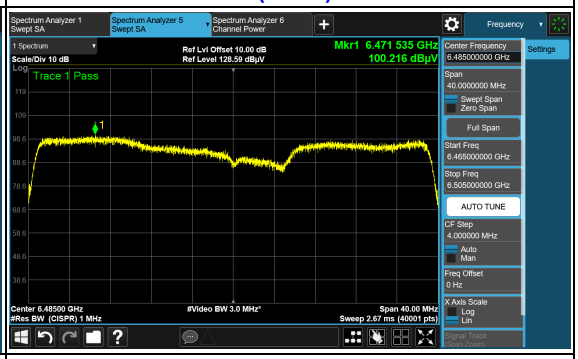
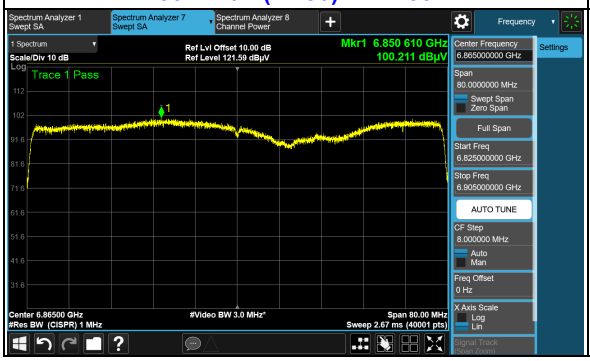
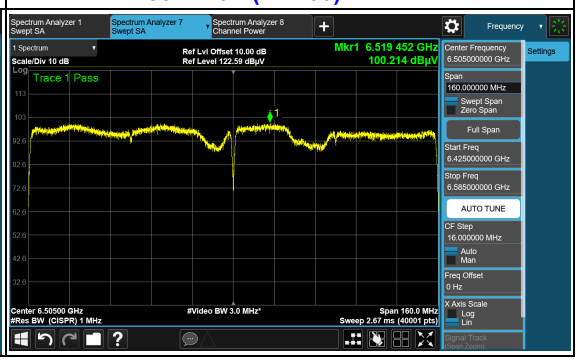
802.11ax (HE160) Beamforming

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
47	6185	100.18	-95.23	4.95	5	Pass
79	6345	100.20	-95.23	4.97	5	Pass
111	6505	100.21	-95.23	4.98	5	Pass
143	6665	100.08	-95.23	4.85	5	Pass
175	6825	100.16	-95.23	4.93	5	Pass
207	6985	100.05	-95.23	4.82	5	Pass

CDD

Spectrum Plot of Worst Value	
802.11a / CH93	**802.11ax (HE20) / CH97**
	
802.11ax (HE40) / CH179	**802.11ax (HE80) / CH119**
	
802.11ax (HE160) / CH175	
	

Beamforming

Spectrum Plot of Worst Value	
802.11ax (HE20) / CH93	**802.11ax (HE40) / CH107**
	
802.11ax (HE80) / CH183	**802.11ax (HE160) / CH111**
	

7.3 Emission Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
33	6115	21.97	24.02	24.10	22.98
61	6255	22.46	23.72	23.81	25.10
93	6415	23.04	25.43	25.62	22.39
97	6435	24.00	22.50	22.40	25.47
105	6475	23.01	23.11	22.27	23.23
113	6515	23.10	23.18	22.59	23.01
117	6535	25.16	23.76	22.32	23.51
153	6715	24.31	24.54	25.05	24.62
181	6855	23.53	26.64	25.76	25.17
185	6875	24.88	24.57	24.66	24.68
213	7015	25.13	21.95	22.72	22.25
229	7095	23.23	23.25	22.77	22.11

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
33	6115	21.96	24.83	23.91	24.53
61	6255	23.16	24.14	26.16	28.99
93	6415	24.32	22.05	25.76	29.78
97	6435	23.38	22.18	23.91	23.49
105	6475	22.38	22.44	25.48	23.19
113	6515	22.58	25.48	22.33	22.61
117	6535	24.02	25.25	23.50	23.23
153	6715	25.49	24.07	25.27	23.58
181	6855	28.21	24.77	22.99	24.96
185	6875	25.98	25.59	24.35	25.17
213	7015	23.85	23.01	25.03	21.74
229	7095	25.91	22.14	22.30	24.11

802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
35	6125	43.98	45.34	42.75	43.71
59	6245	46.24	46.96	46.43	47.68
91	6405	45.85	44.86	44.41	44.09
99	6445	43.00	43.40	49.84	42.84
107	6485	44.33	42.66	43.98	45.48
115	6525	47.15	46.37	43.86	45.76
123	6565	43.36	42.94	45.30	47.43
155	6725	50.11	44.45	45.32	43.71
179	6845	45.84	43.08	49.61	46.67
187	6885	45.56	43.80	48.55	51.28
211	7005	43.06	47.91	43.56	44.34
227	7085	42.66	55.81	41.75	50.67

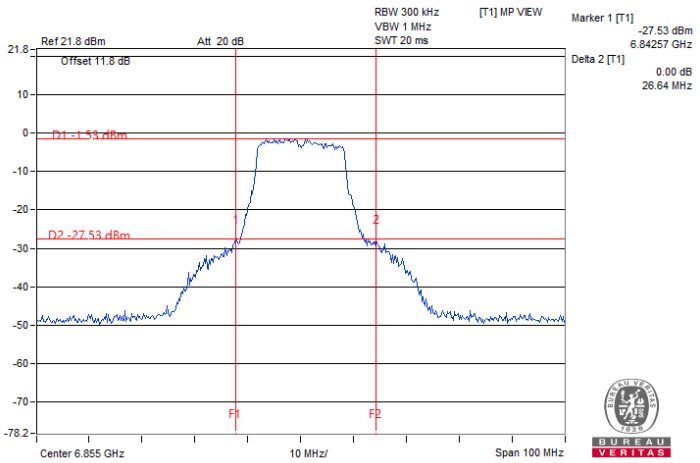
802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
39	6145	84.35	84.54	84.34	84.35
55	6225	84.55	85.13	84.73	85.68
87	6385	85.49	83.17	83.46	84.91
103	6465	83.52	83.60	84.32	85.48
119	6545	84.72	83.40	86.18	84.24
135	6625	85.81	85.46	84.56	83.64
151	6705	83.26	84.08	85.67	83.98
167	6785	85.94	84.25	84.20	95.17
183	6865	85.00	83.42	84.24	84.32
199	6945	83.71	83.36	84.07	84.36
215	7025	85.53	83.36	92.52	83.10

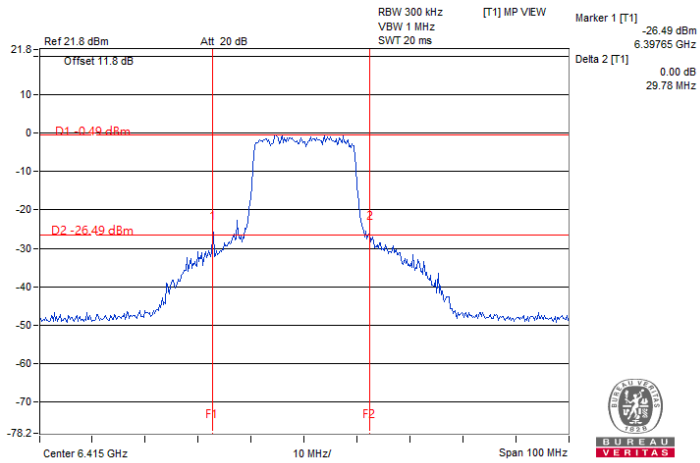
802.11ax (HE160)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
47	6185	168.82	181.54	169.26	167.71
79	6345	168.67	168.56	169.12	168.64
111	6505	168.95	168.76	168.46	168.63
143	6665	168.74	168.69	168.60	168.03
175	6825	168.24	167.10	167.58	168.51
207	6985	168.74	168.73	167.61	168.20

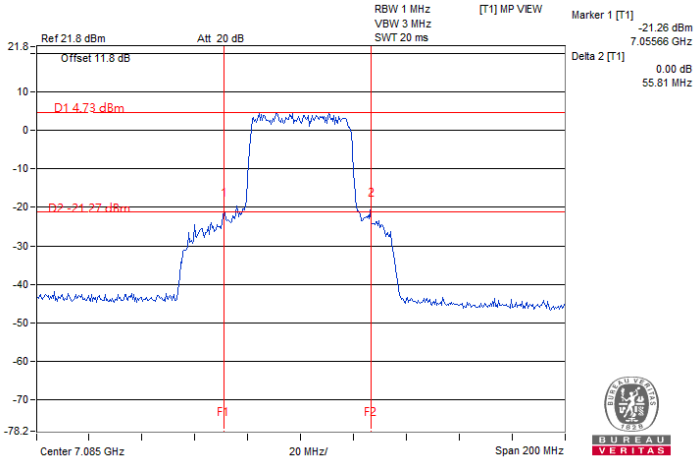
Spectrum Plot of Maximum Value



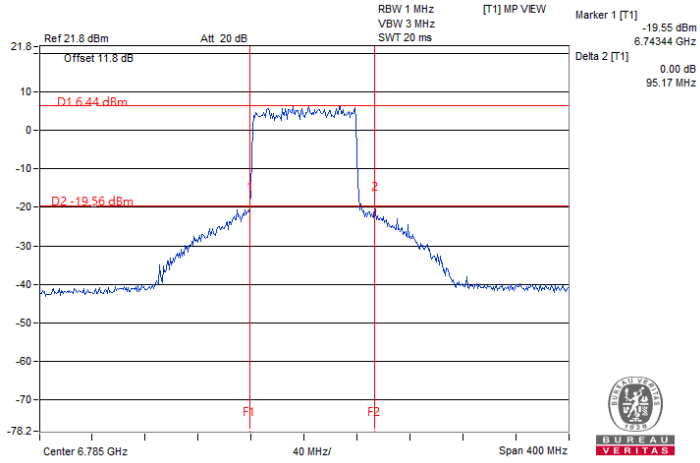
802.11a / Chain 1 : CH 181



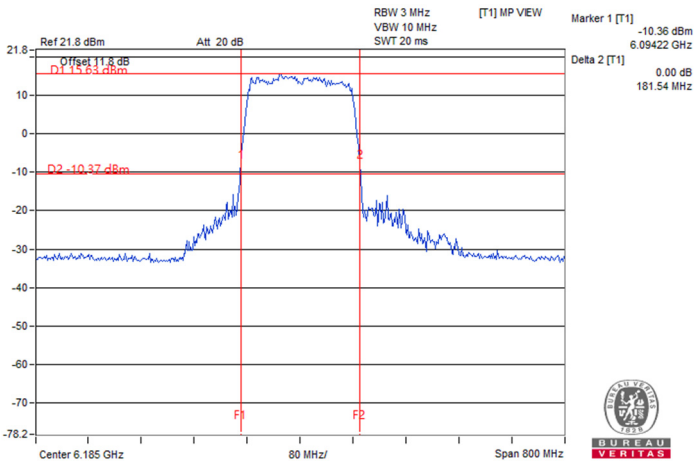
802.11ax (HE20) / Chain 3 : CH 93



802.11ax (HE40) / Chain 1 : CH 227



802.11ax (HE80) / Chain 3 : CH 167

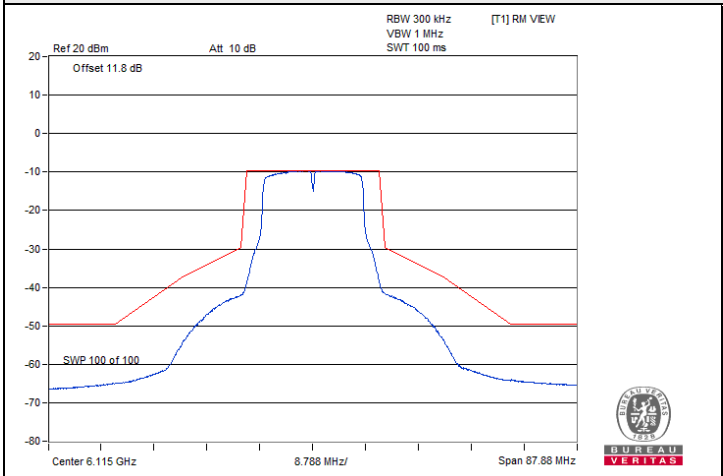
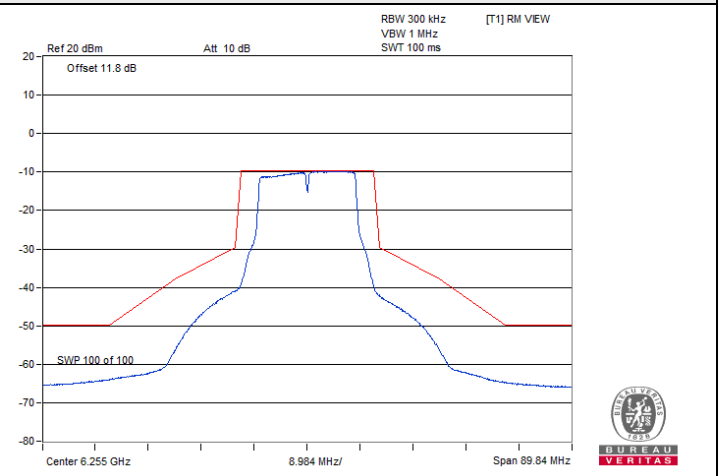
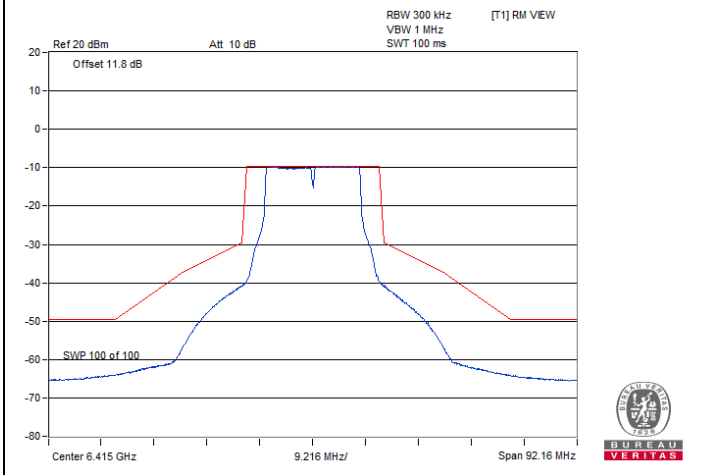
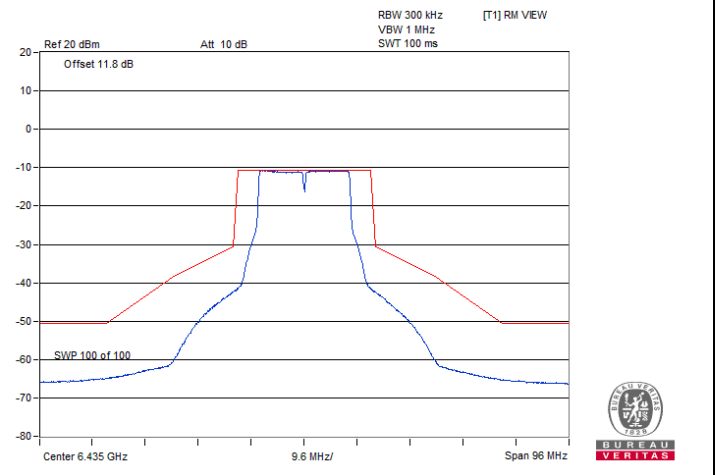
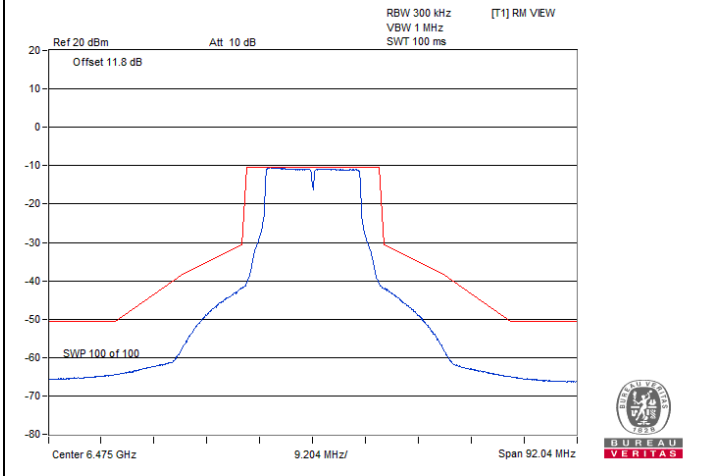
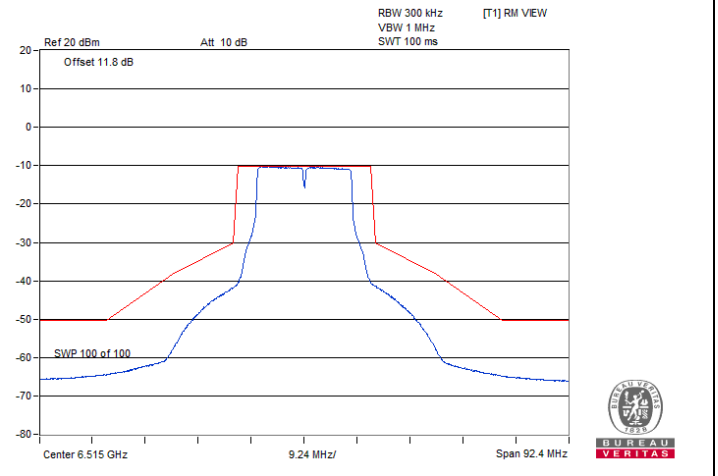


802.11ax (HE160) / Chain 1 : CH 47

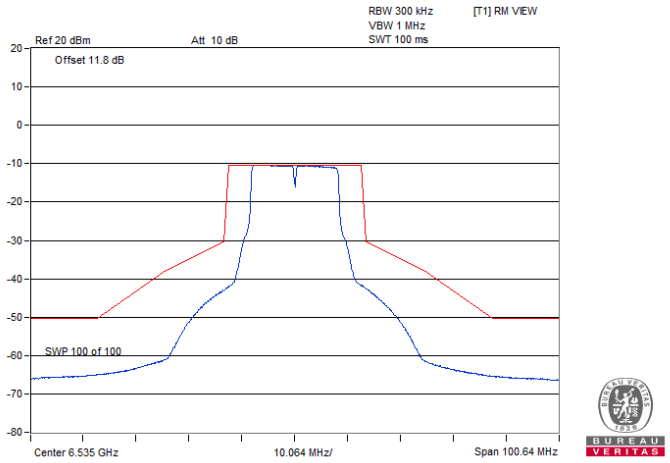
7.4 In-Band Emission Mask

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

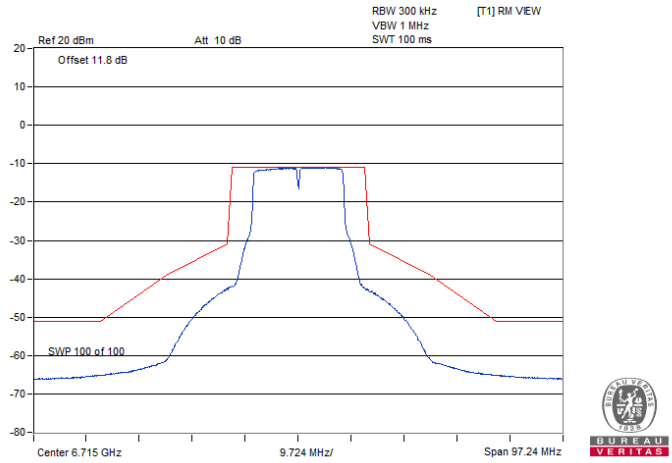
802.11a

Spectrum Plot	
	
802.11a / Chain 0 : CH 33	802.11a / Chain 0 : CH 61
	
802.11a / Chain 0 : CH 93	802.11a / Chain 0 : CH 97
	
802.11a / Chain 0 : CH 105	802.11a / Chain 0 : CH 113

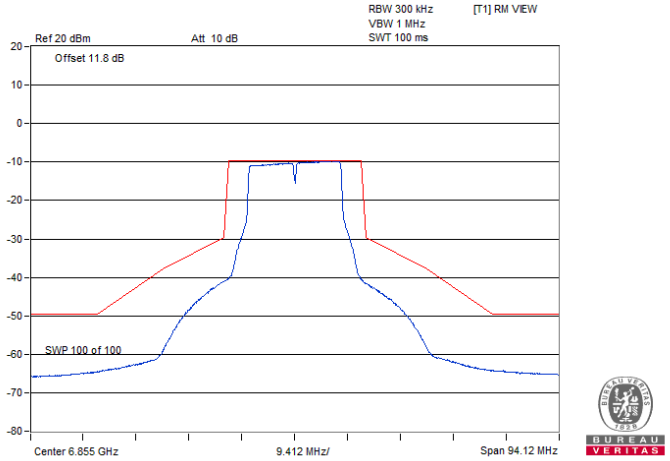
Spectrum Plot



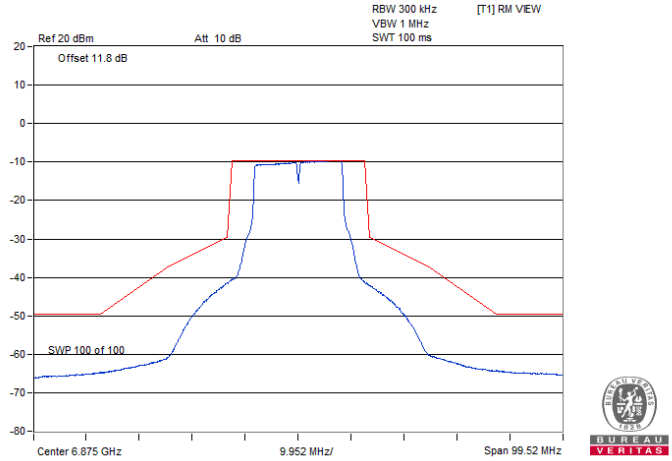
802.11a / Chain 0 : CH 117



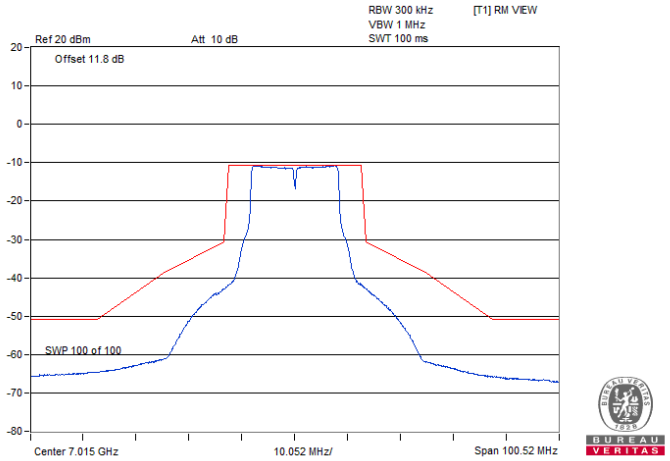
802.11a / Chain 0 : CH 153



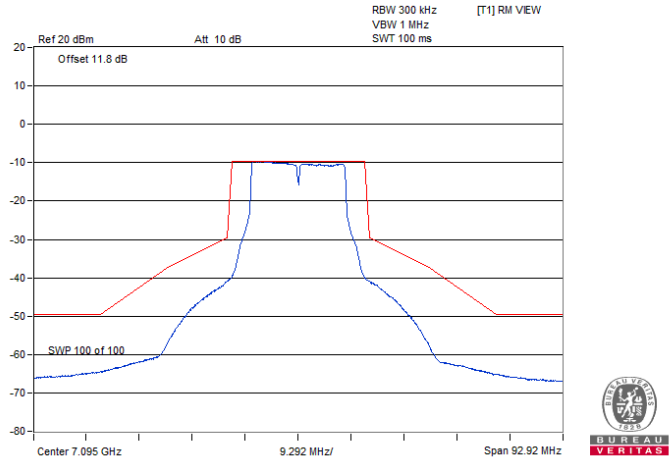
802.11a / Chain 0 : CH 181



802.11a / Chain 0 : CH 185

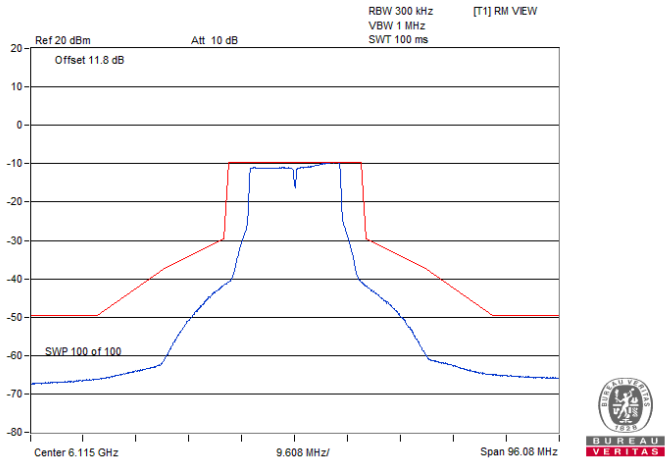


802.11a / Chain 0 : CH 213

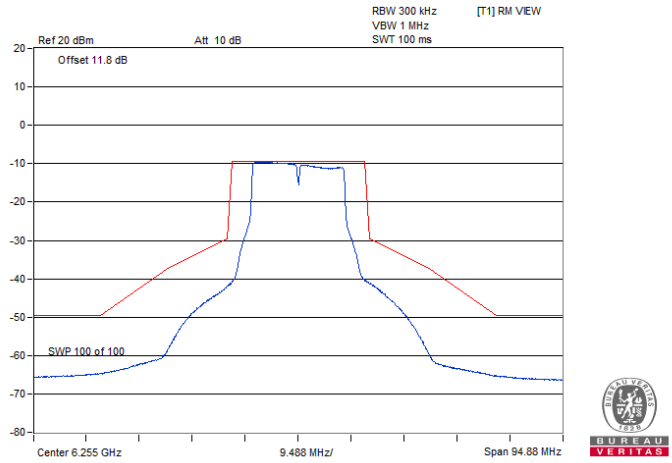


802.11a / Chain 0 : CH 229

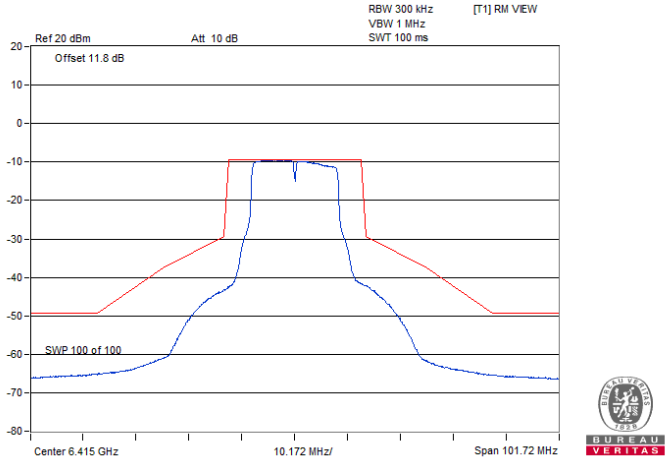
Spectrum Plot



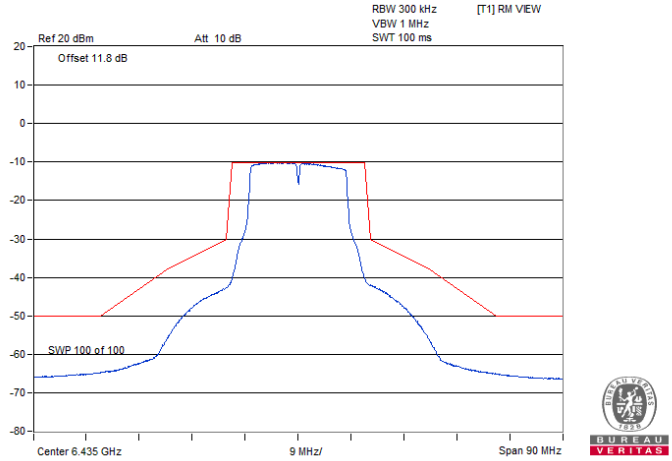
802.11a / Chain 1 : CH 33



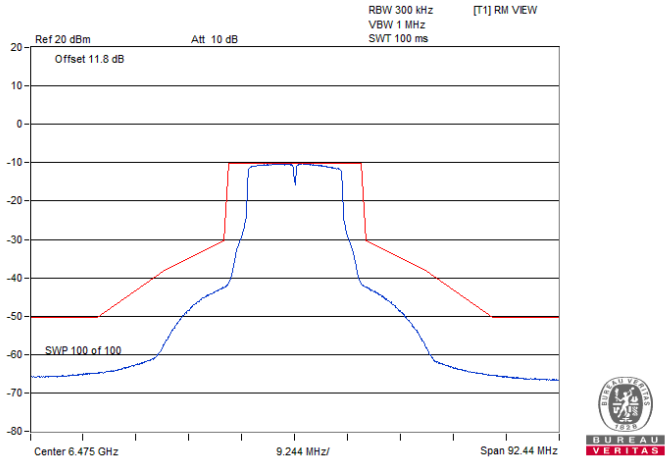
802.11a / Chain 1 : CH 61



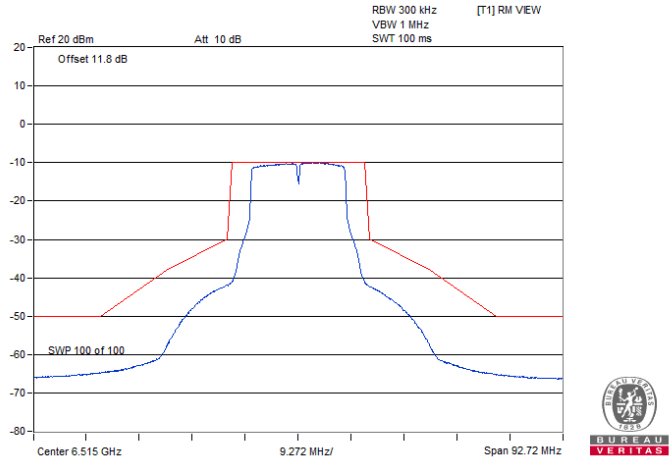
802.11a / Chain 1 : CH 93



802.11a / Chain 1 : CH 97

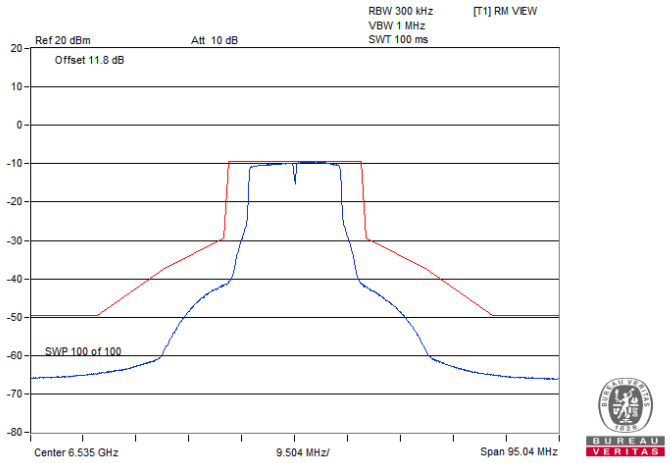


802.11a / Chain 1 : CH 105

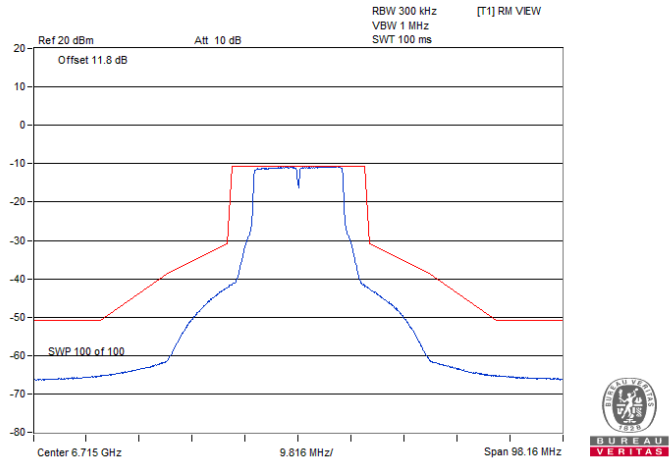


802.11a / Chain 1 : CH 113

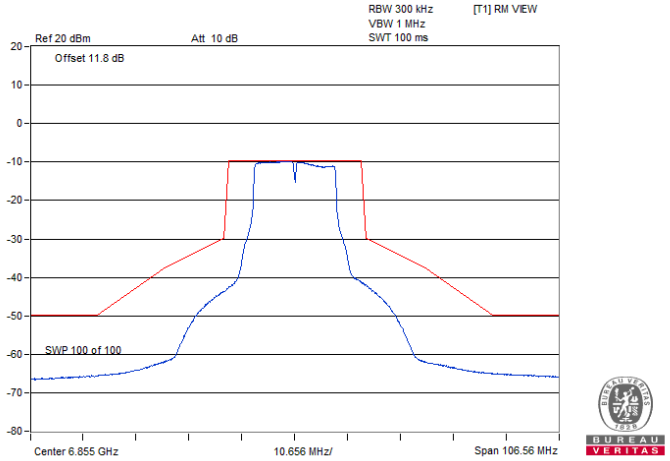
Spectrum Plot



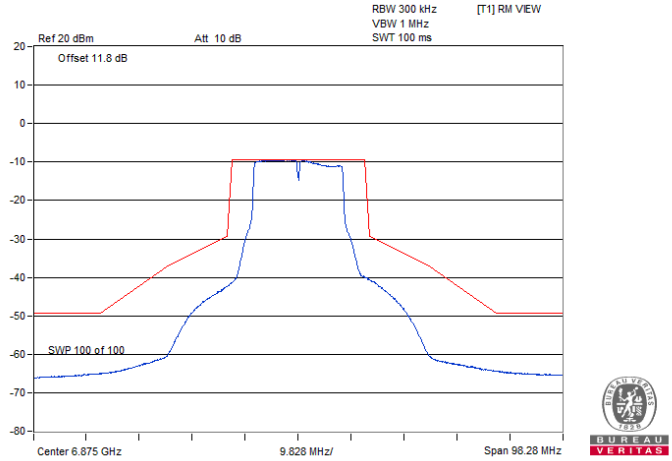
802.11a / Chain 1 : CH 117



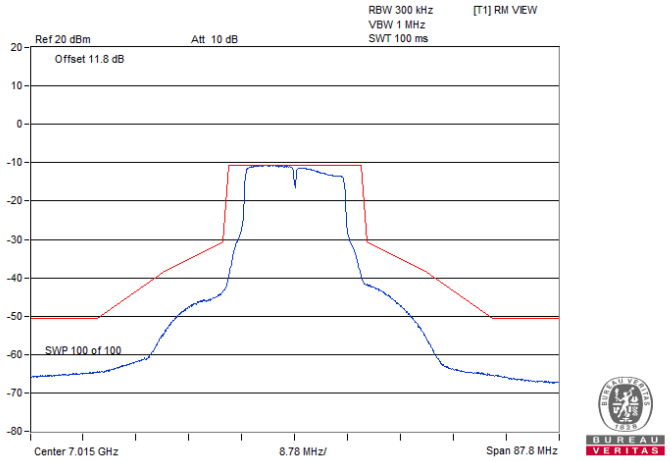
802.11a / Chain 1 : CH 153



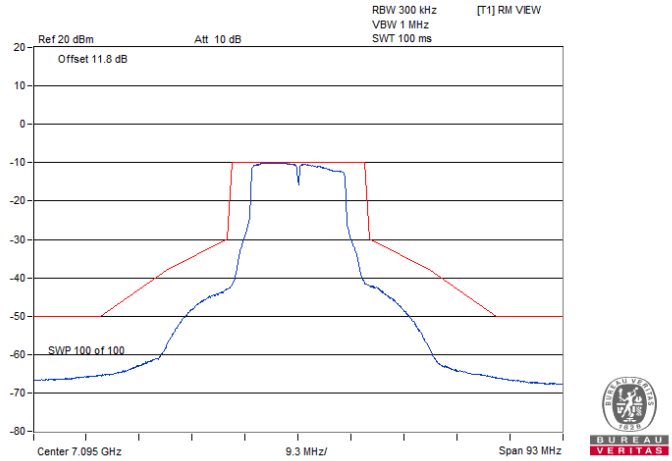
802.11a / Chain 1 : CH 181



802.11a / Chain 1 : CH 185

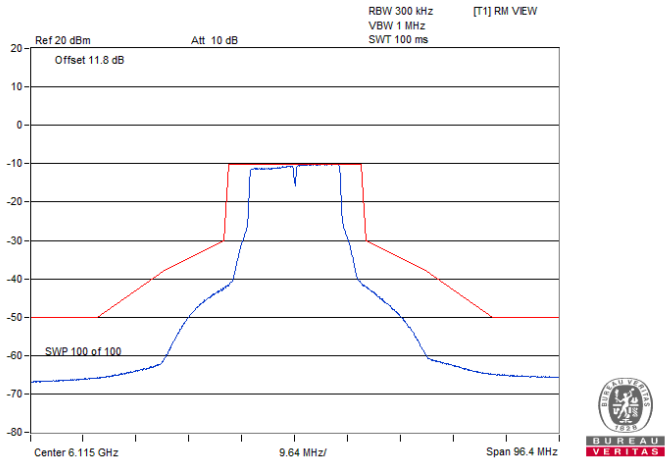


802.11a / Chain 1 : CH 213

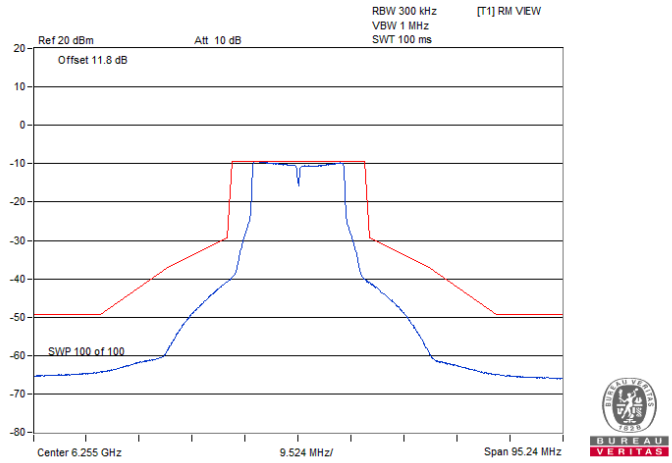


802.11a / Chain 1 : CH 229

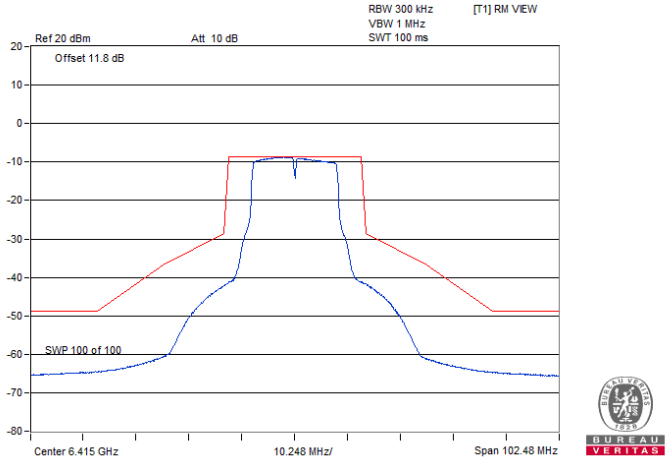
Spectrum Plot



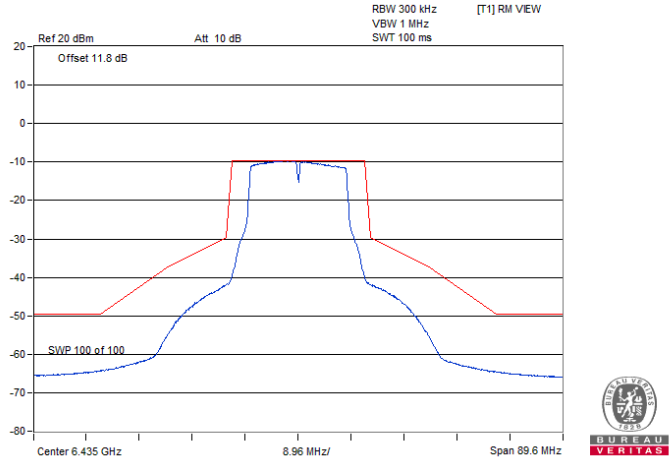
802.11a / Chain 2 : CH 33



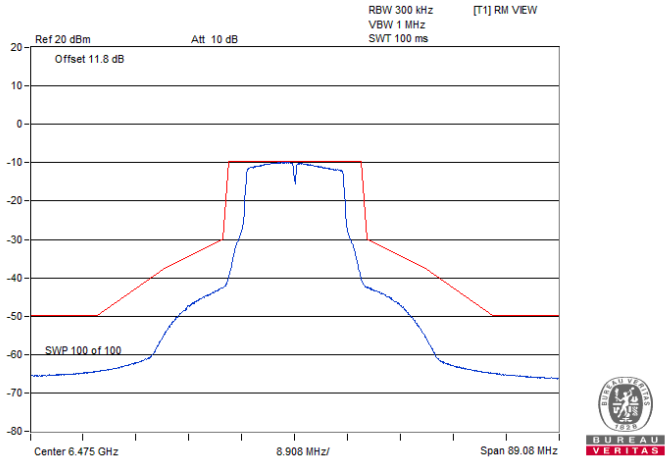
802.11a / Chain 2 : CH 61



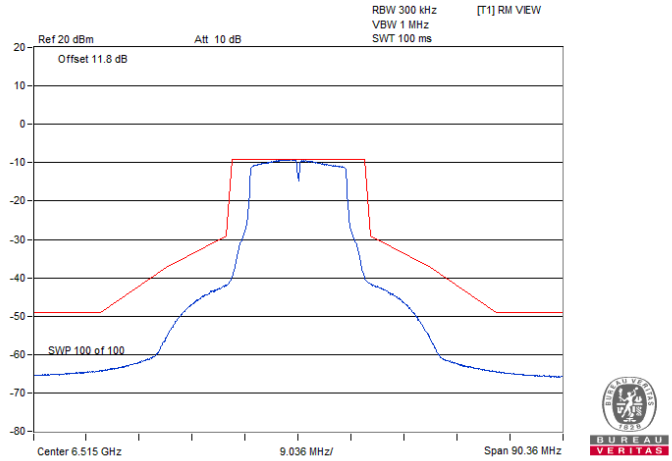
802.11a / Chain 2 : CH 93



802.11a / Chain 2 : CH 97

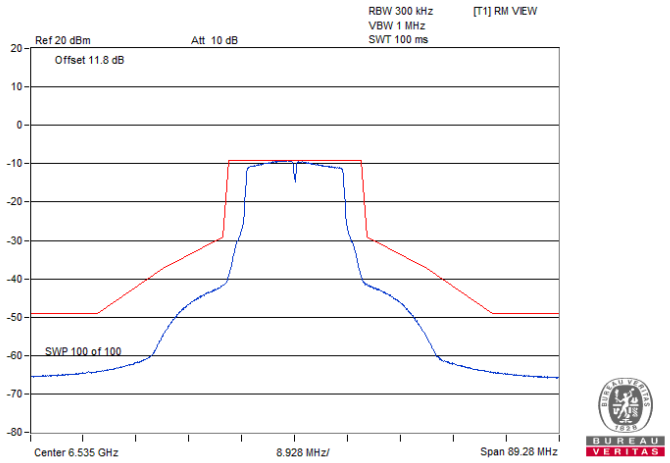


802.11a / Chain 2 : CH 105

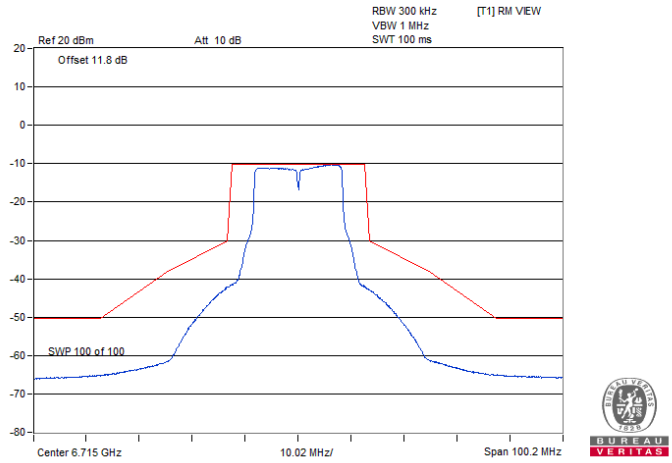


802.11a / Chain 2 : CH 113

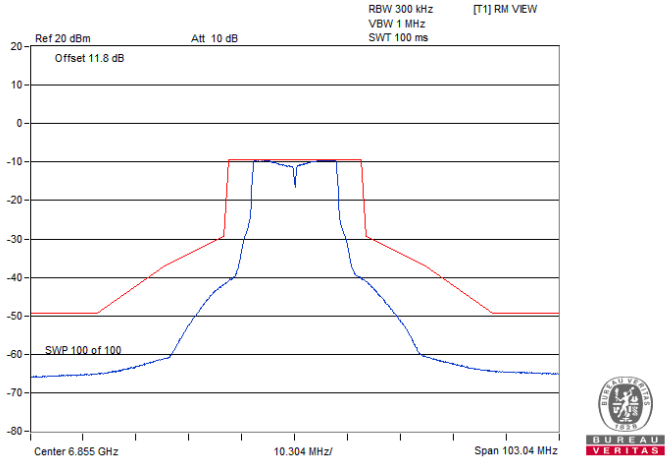
Spectrum Plot



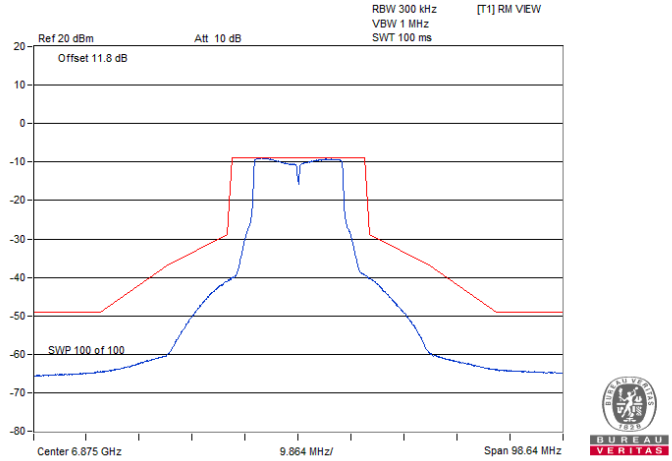
802.11a / Chain 2 : CH 117



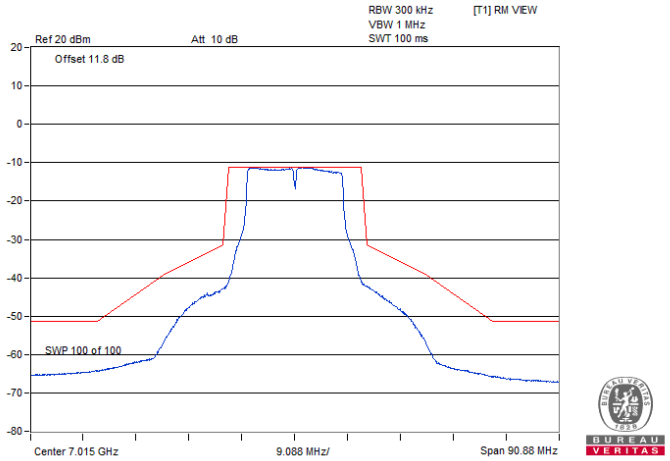
802.11a / Chain 2 : CH 153



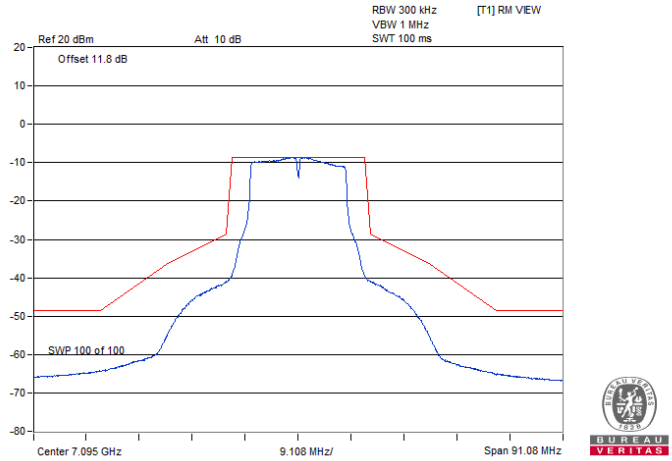
802.11a / Chain 2 : CH 181



802.11a / Chain 2 : CH 185

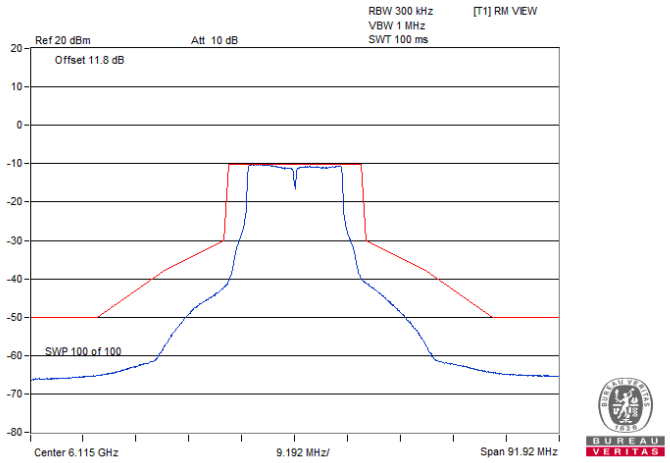


802.11a / Chain 2 : CH 213

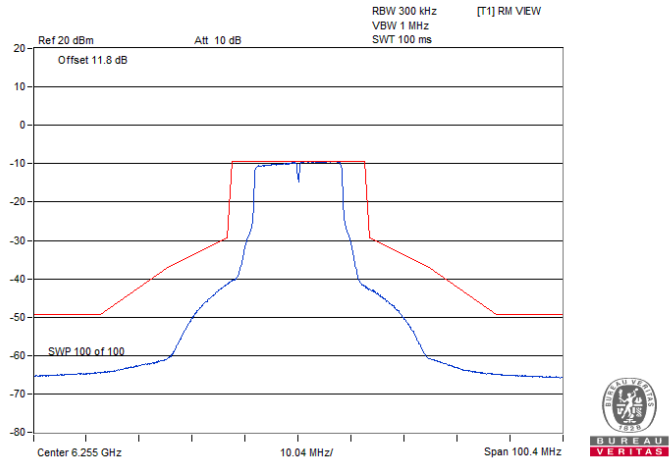


802.11a / Chain 2 : CH 229

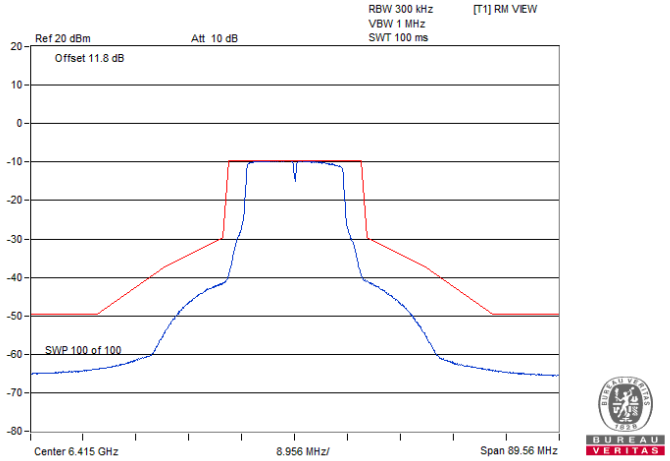
Spectrum Plot



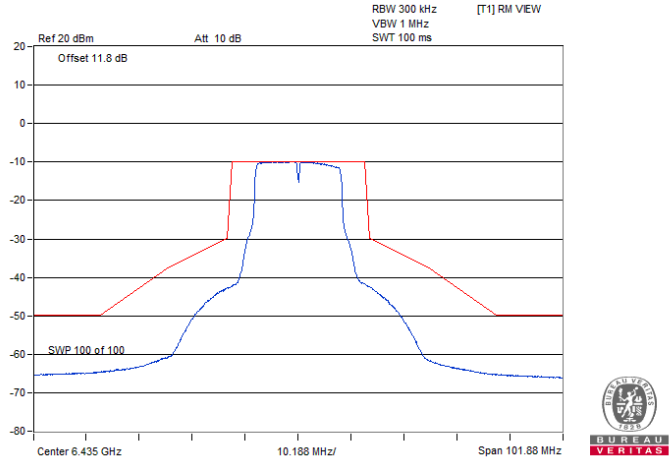
802.11a / Chain 3 : CH 33



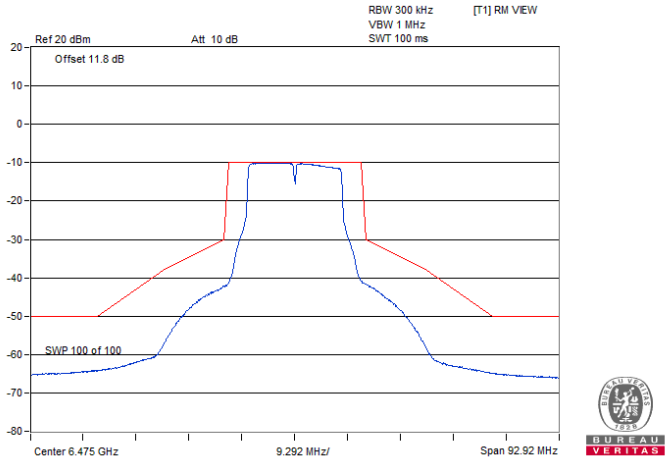
802.11a / Chain 3 : CH 61



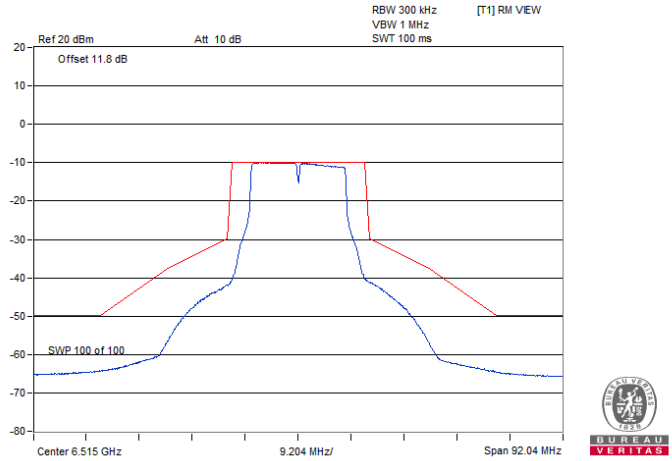
802.11a / Chain 3 : CH 93



802.11a / Chain 3 : CH 97

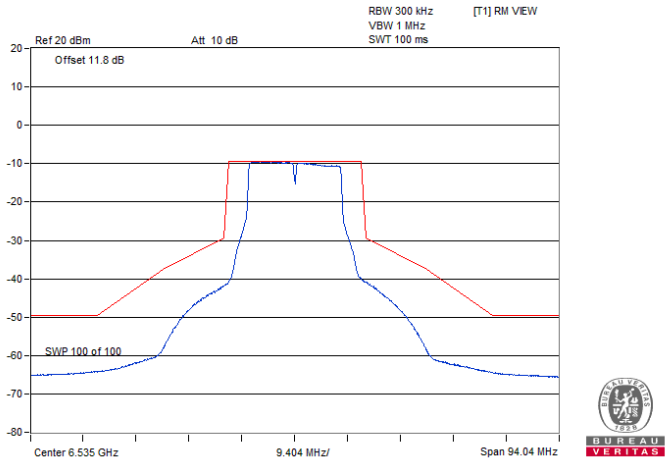


802.11a / Chain 3 : CH 105

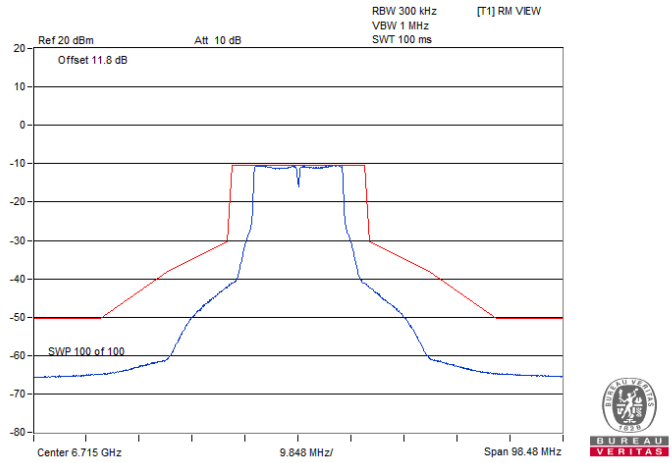


802.11a / Chain 3 : CH 113

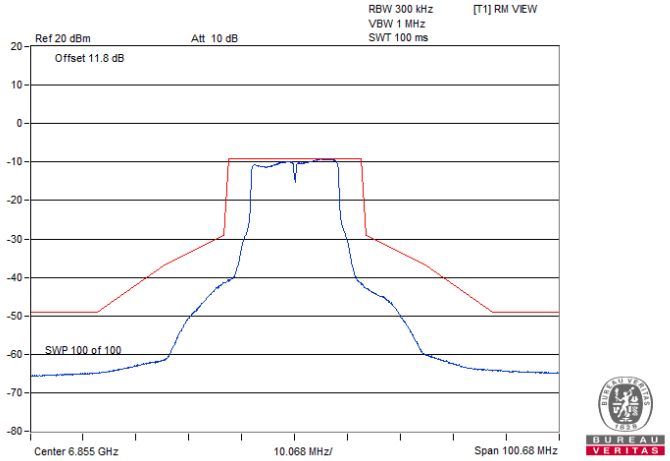
Spectrum Plot



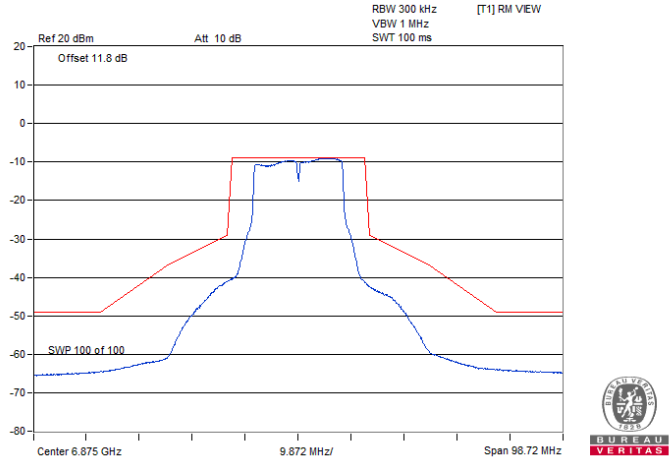
802.11a / Chain 3 : CH 117



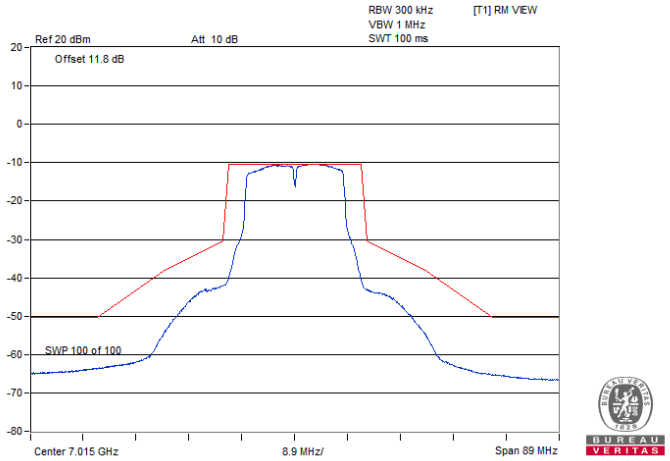
802.11a / Chain 3 : CH 153



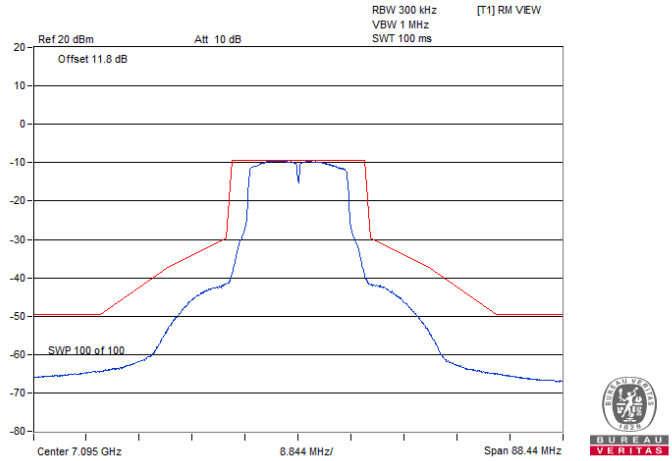
802.11a / Chain 3 : CH 181



802.11a / Chain 3 : CH 185

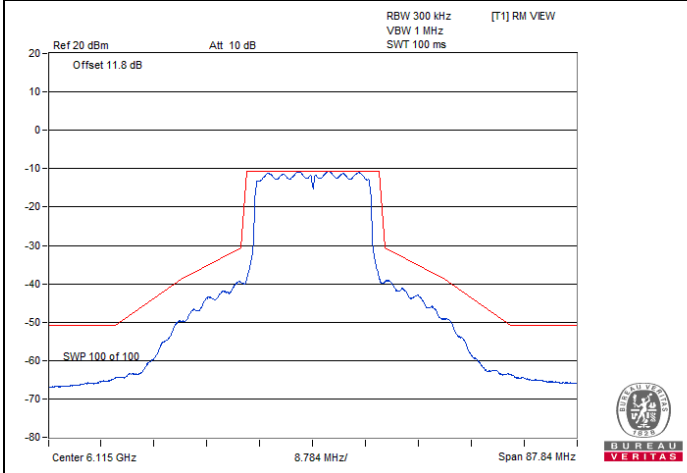
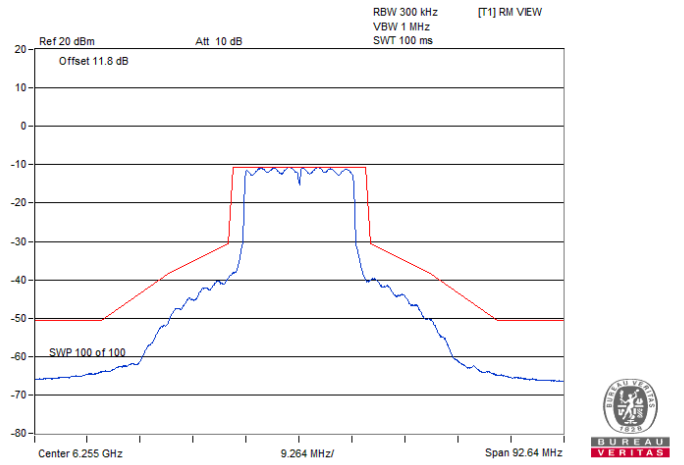
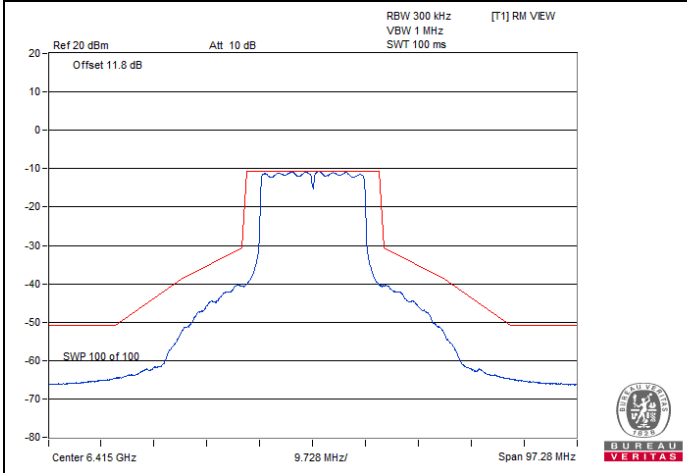
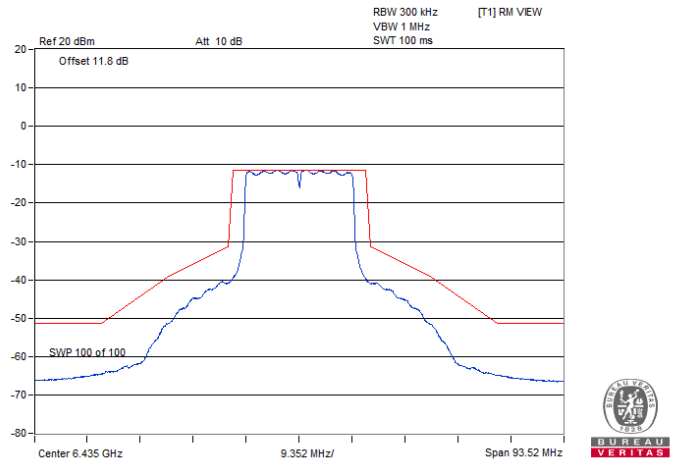
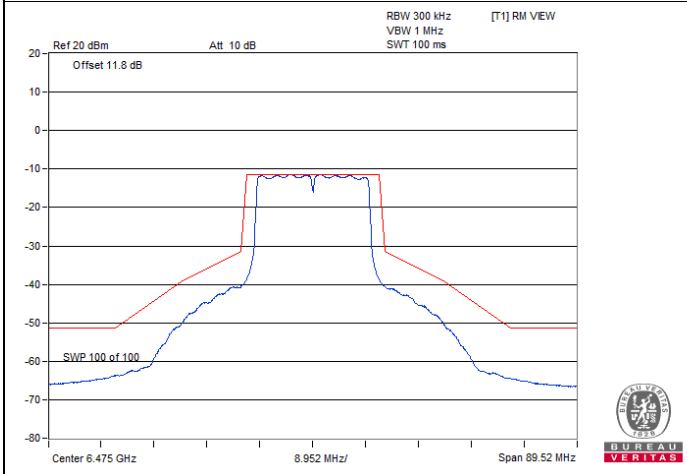
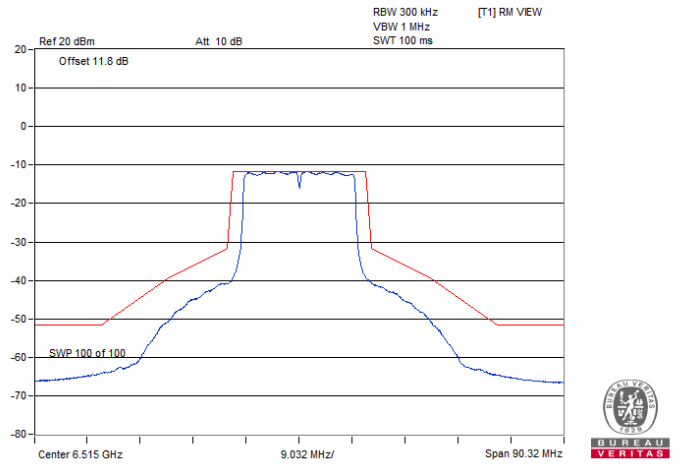


802.11a / Chain 3 : CH 213

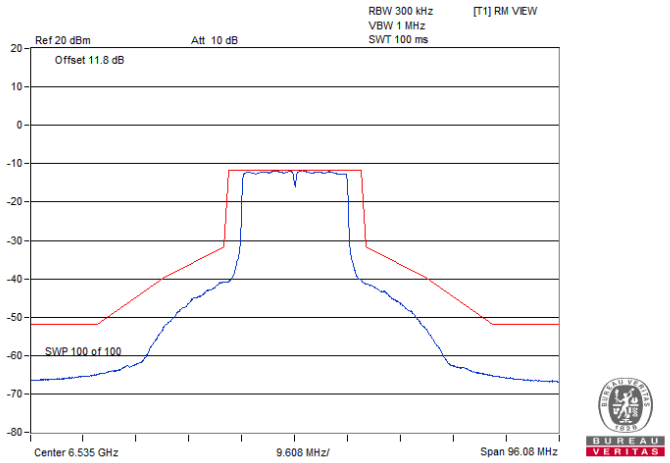


802.11a / Chain 3 : CH 229

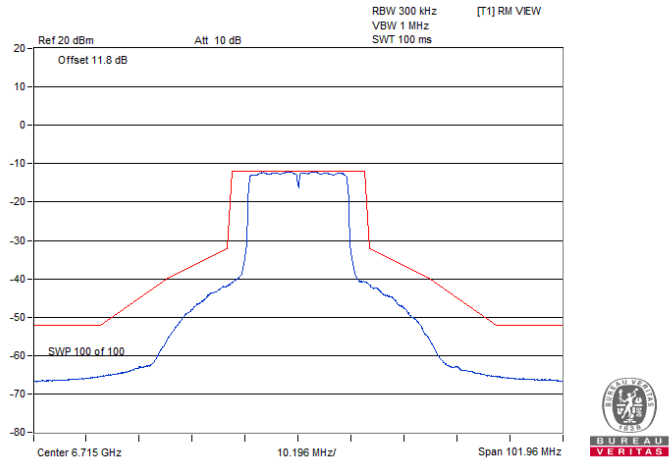
802.11ax (HE20)

Spectrum Plot	
	
802.11ax (HE20) / Chain 0 : CH 33	802.11ax (HE20) / Chain 0 : CH 61
	
802.11ax (HE20) / Chain 0 : CH 93	802.11ax (HE20) / Chain 0 : CH 97
	
802.11ax (HE20) / Chain 0 : CH 105	802.11ax (HE20) / Chain 0 : CH 113

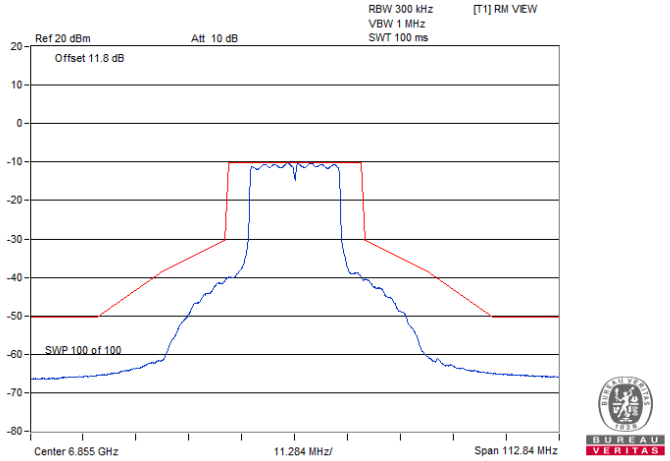
Spectrum Plot



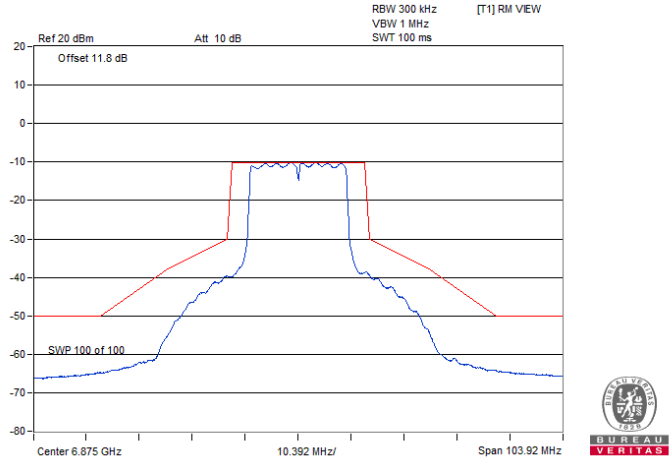
802.11ax (HE20) / Chain 0 : CH 117



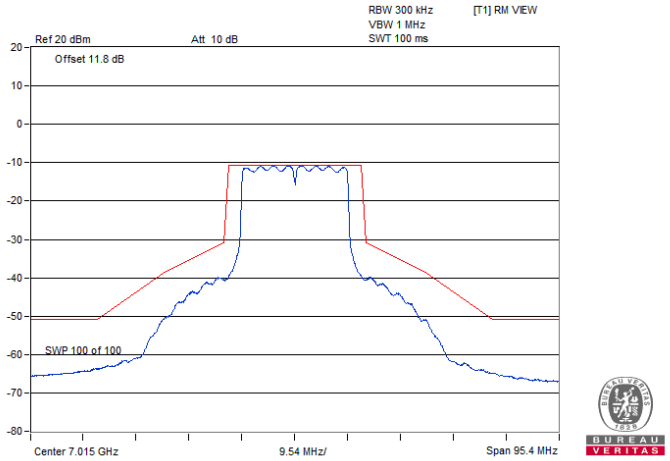
802.11ax (HE20) / Chain 0 : CH 153



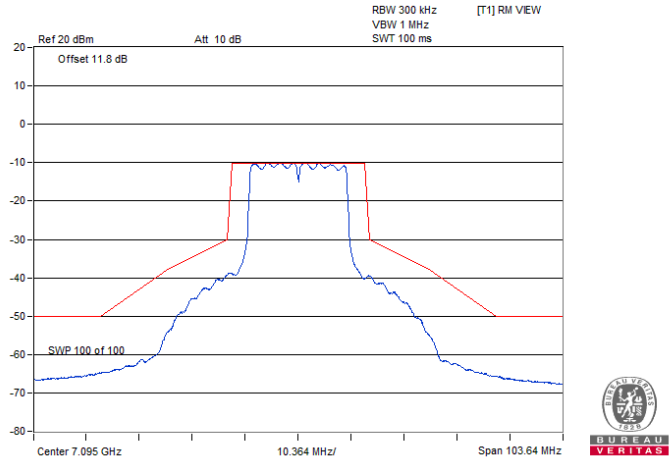
802.11ax (HE20) / Chain 0 : CH 181



802.11ax (HE20) / Chain 0 : CH 185

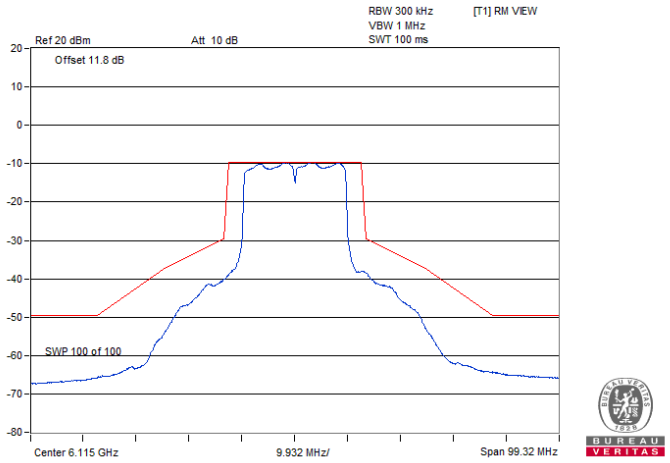


802.11ax (HE20) / Chain 0 : CH 213

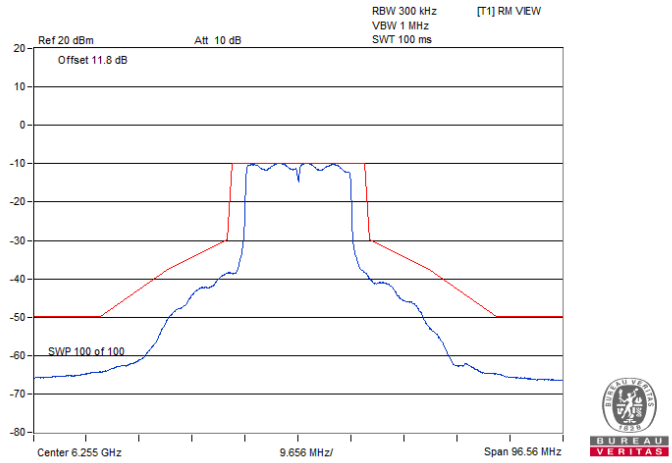


802.11ax (HE20) / Chain 0 : CH 229

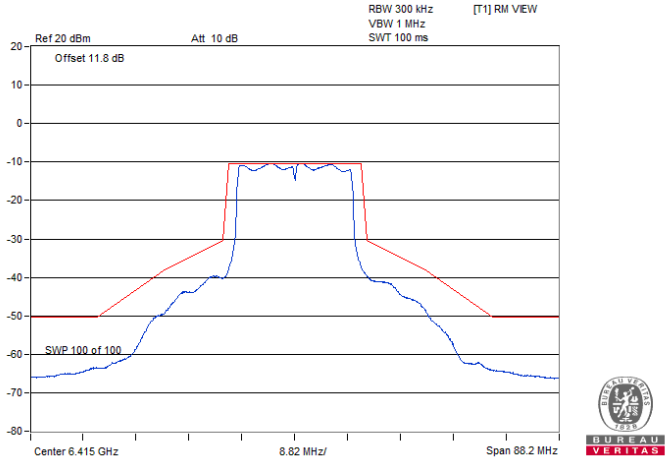
Spectrum Plot



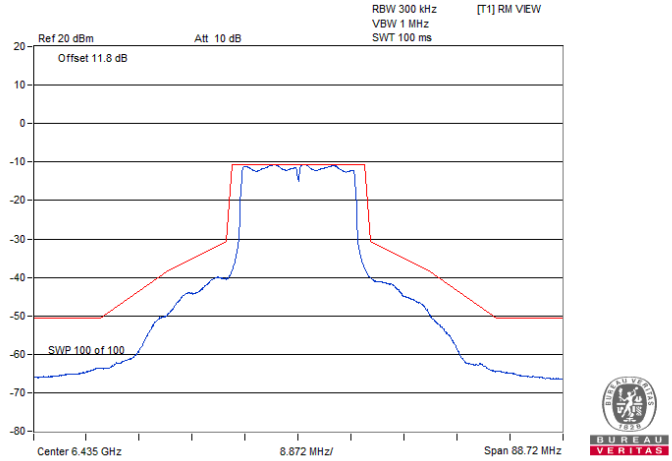
802.11ax (HE20) / Chain 1 : CH 33



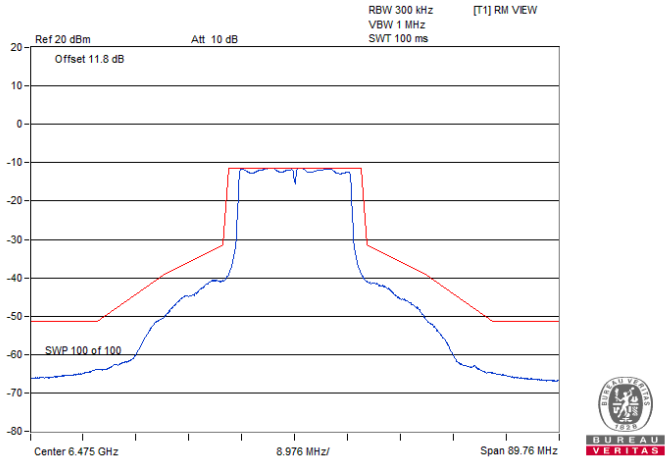
802.11ax (HE20) / Chain 1 : CH 61



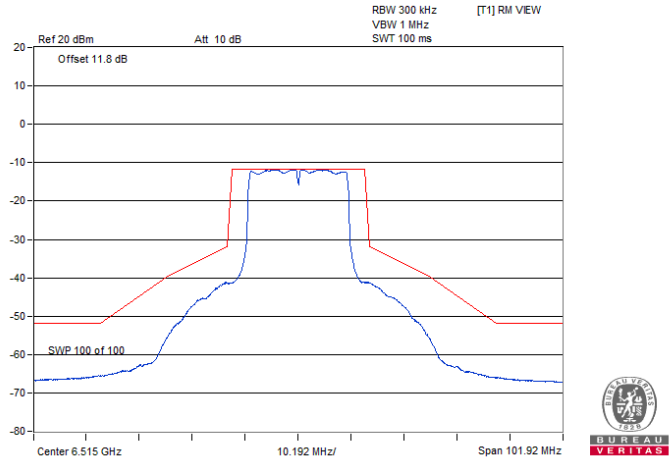
802.11ax (HE20) / Chain 1 : CH 93



802.11ax (HE20) / Chain 1 : CH 97

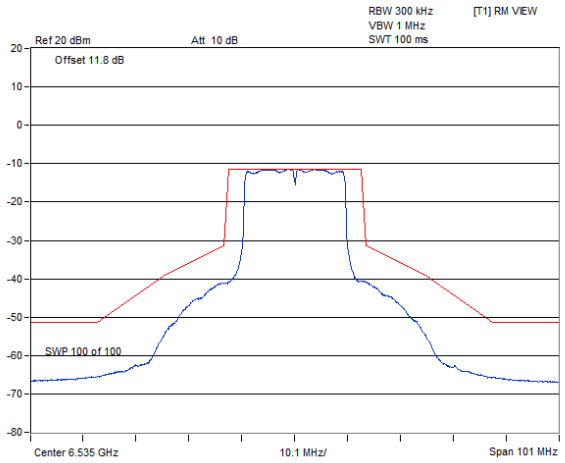


802.11ax (HE20) / Chain 1 : CH 105

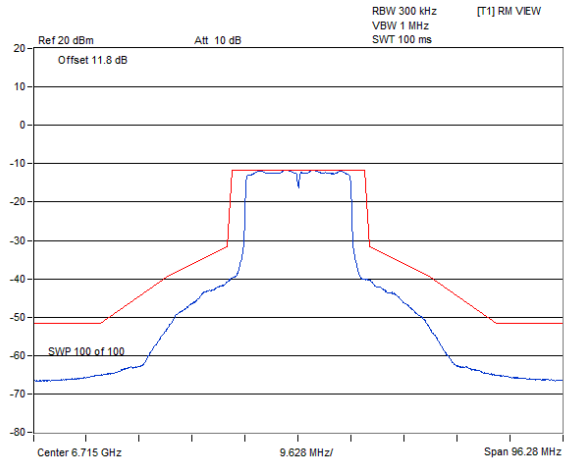


802.11ax (HE20) / Chain 1 : CH 113

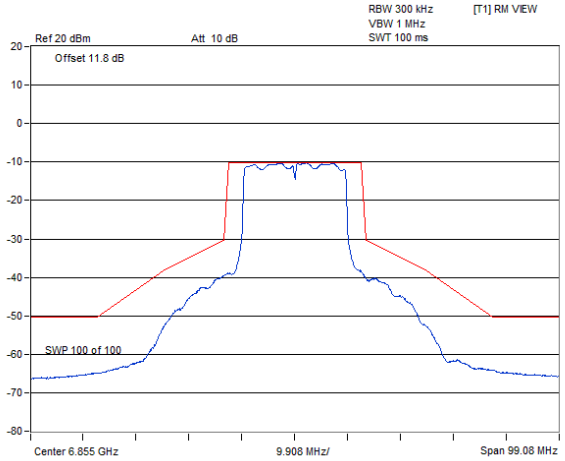
Spectrum Plot



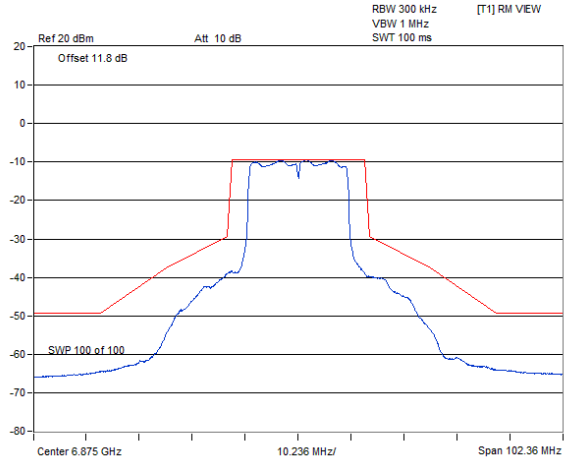
802.11ax (HE20) / Chain 1 : CH 117



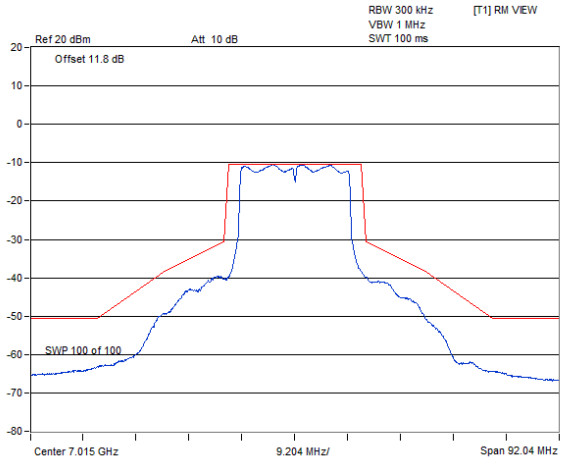
802.11ax (HE20) / Chain 1 : CH 153



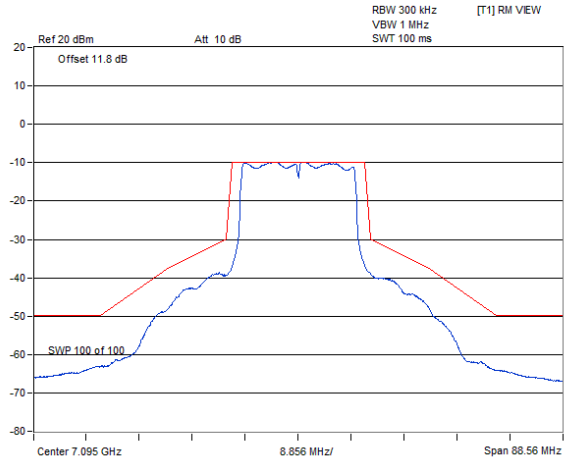
802.11ax (HE20) / Chain 1 : CH 181



802.11ax (HE20) / Chain 1 : CH 185

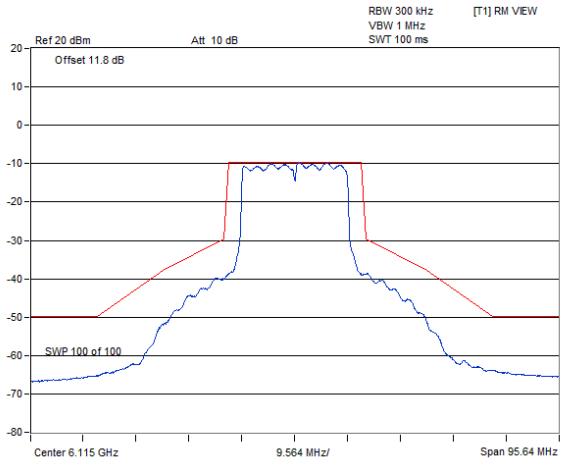


802.11ax (HE20) / Chain 1 : CH 213

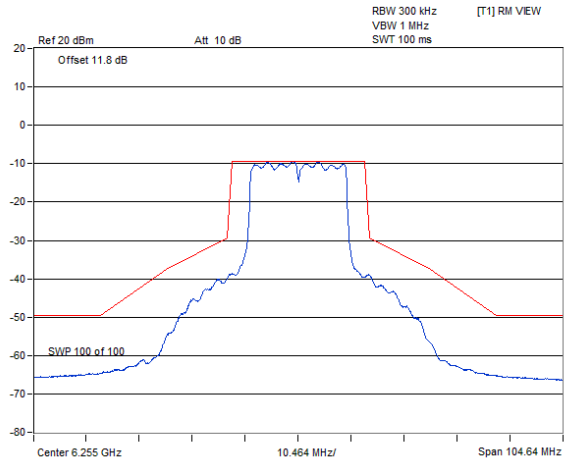


802.11ax (HE20) / Chain 1 : CH 229

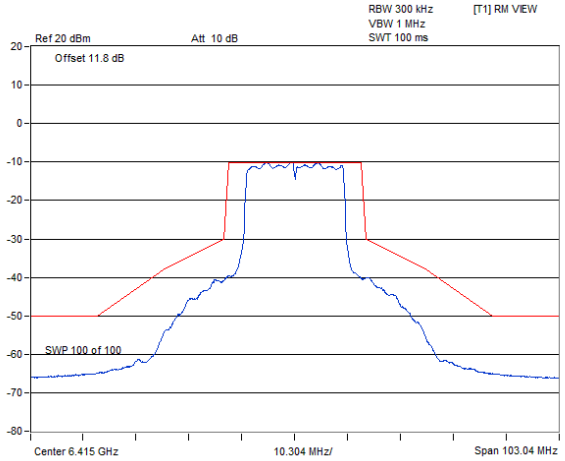
Spectrum Plot



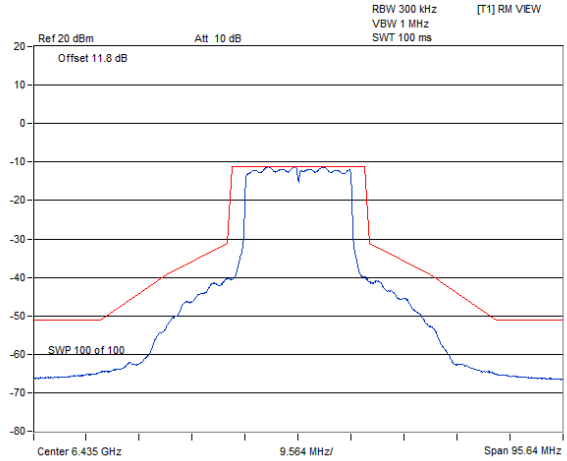
802.11ax (HE20) / Chain 2 : CH 33



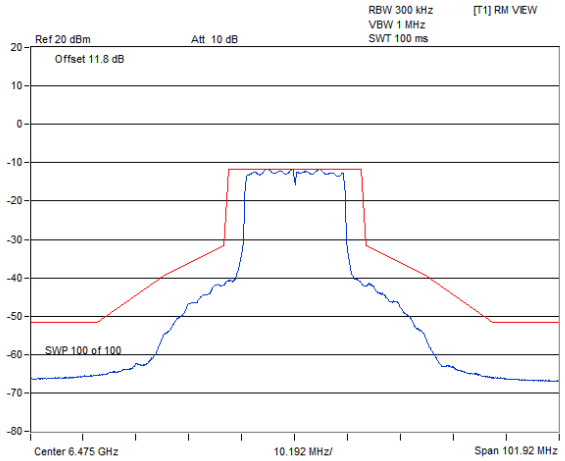
802.11ax (HE20) / Chain 2 : CH 61



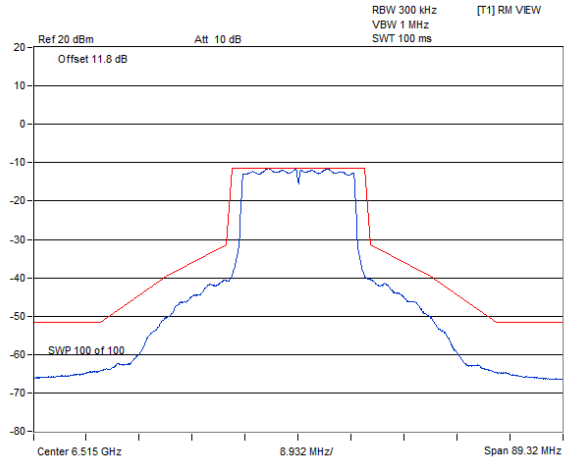
802.11ax (HE20) / Chain 2 : CH 93



802.11ax (HE20) / Chain 2 : CH 97

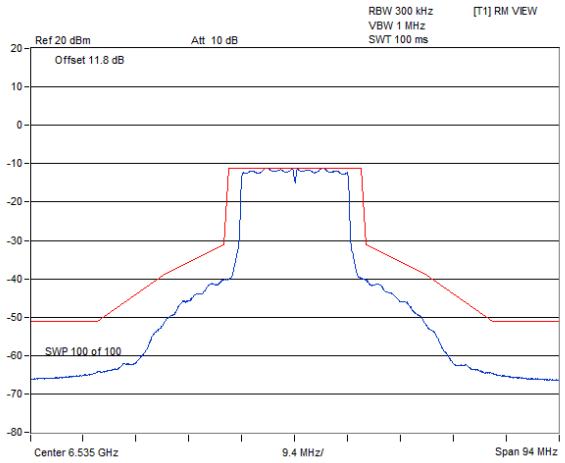


802.11ax (HE20) / Chain 2 : CH 105

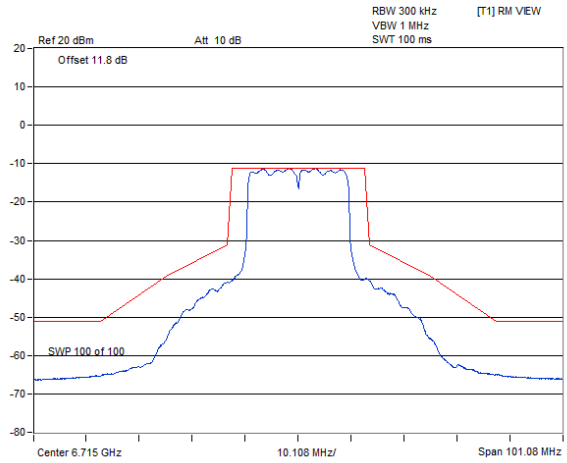


802.11ax (HE20) / Chain 2 : CH 113

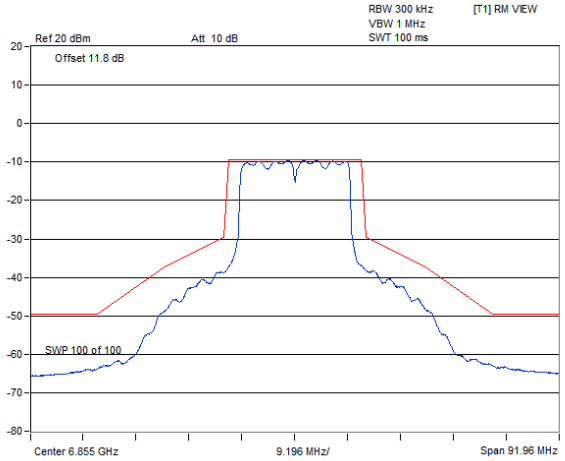
Spectrum Plot



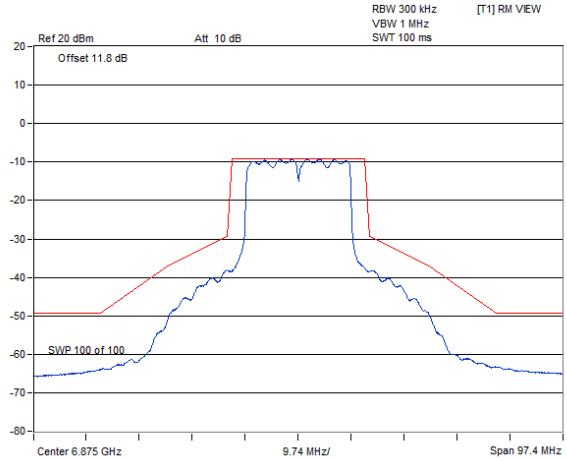
802.11ax (HE20) / Chain 2 : CH 117



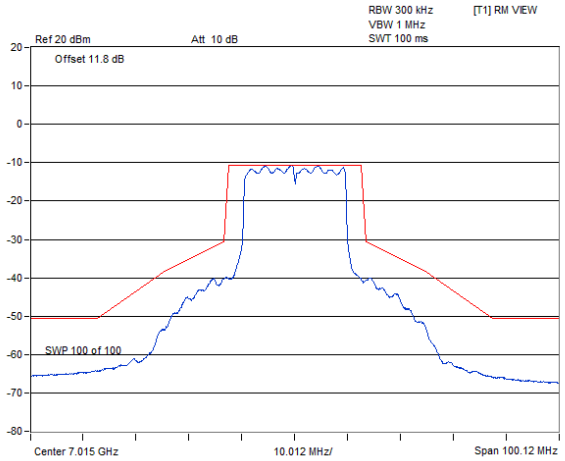
802.11ax (HE20) / Chain 2 : CH 153



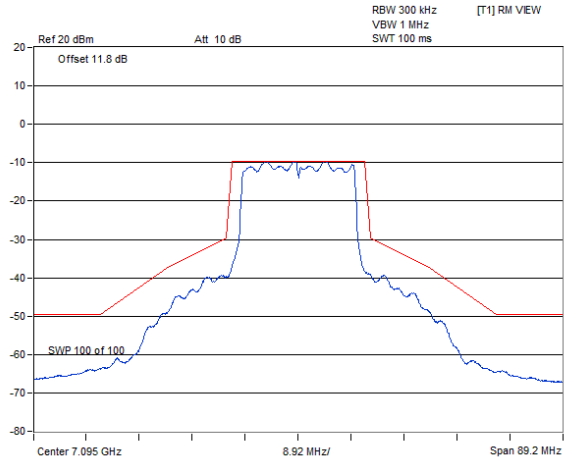
802.11ax (HE20) / Chain 2 : CH 181



802.11ax (HE20) / Chain 2 : CH 185

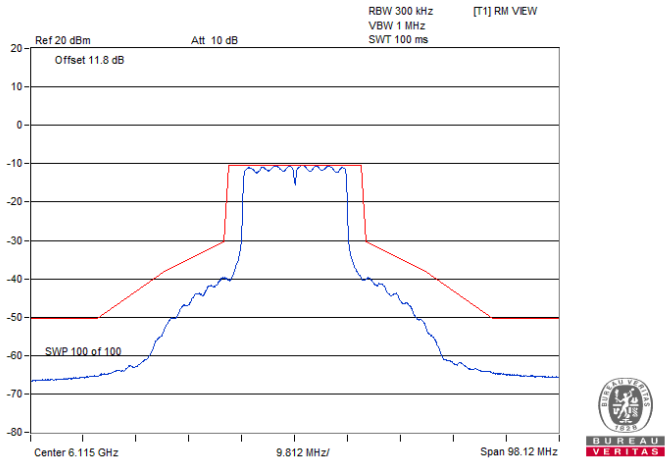


802.11ax (HE20) / Chain 2 : CH 213

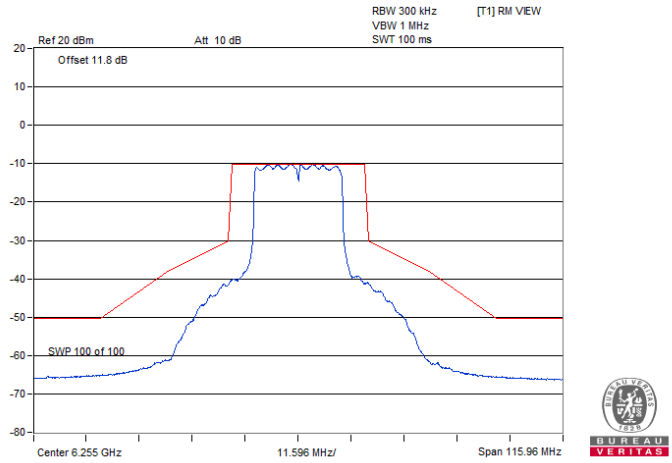


802.11ax (HE20) / Chain 2 : CH 229

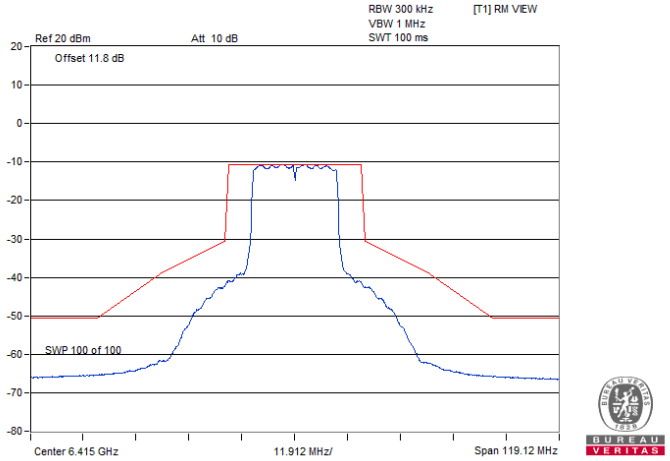
Spectrum Plot



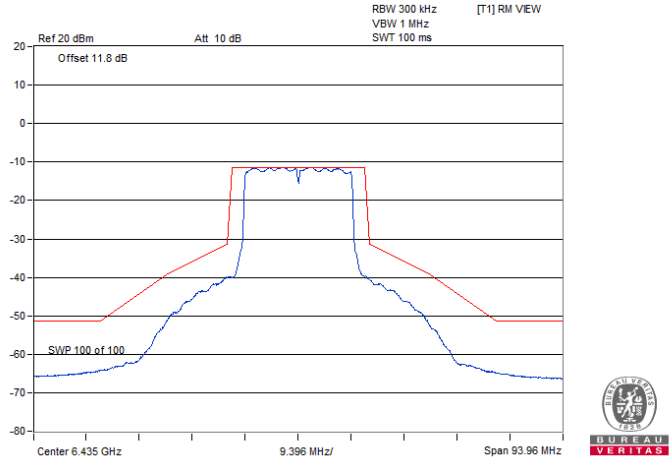
802.11ax (HE20) / Chain 3 : CH 33



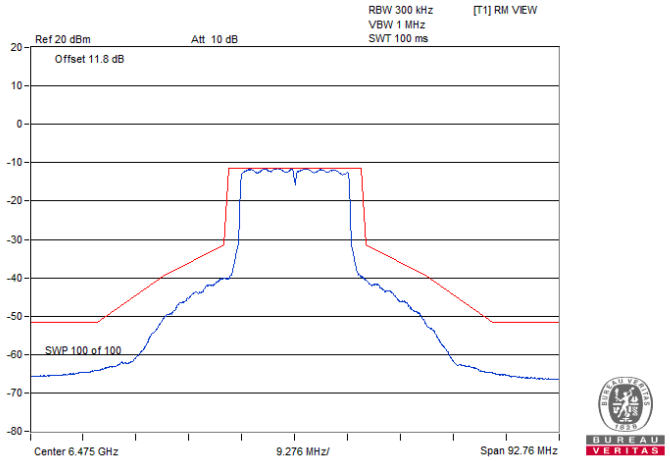
802.11ax (HE20) / Chain 3 : CH 61



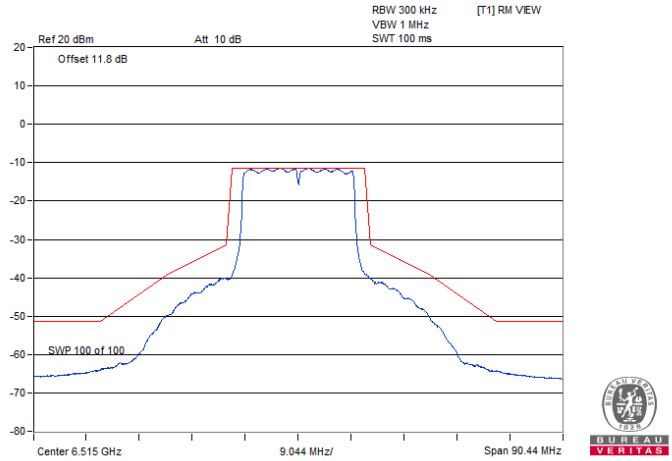
802.11ax (HE20) / Chain 3 : CH 93



802.11ax (HE20) / Chain 3 : CH 97

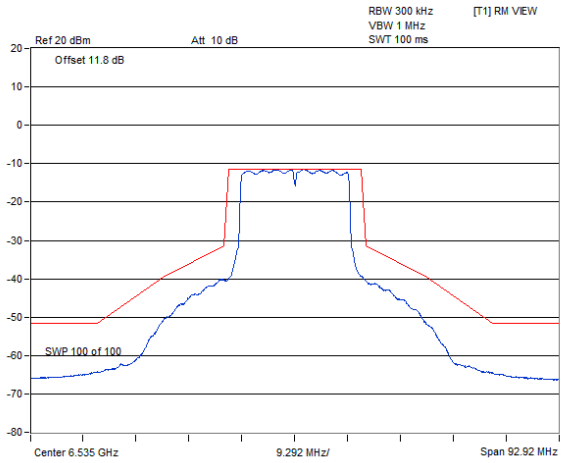


802.11ax (HE20) / Chain 3 : CH 105

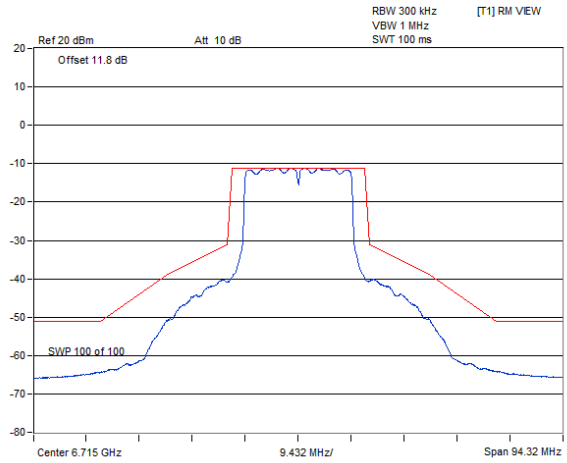


802.11ax (HE20) / Chain 3 : CH 113

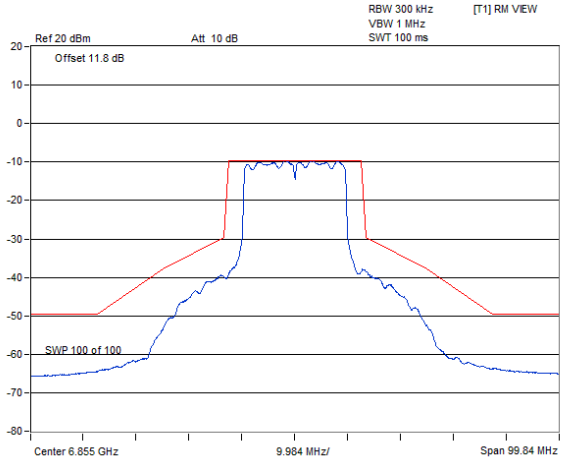
Spectrum Plot



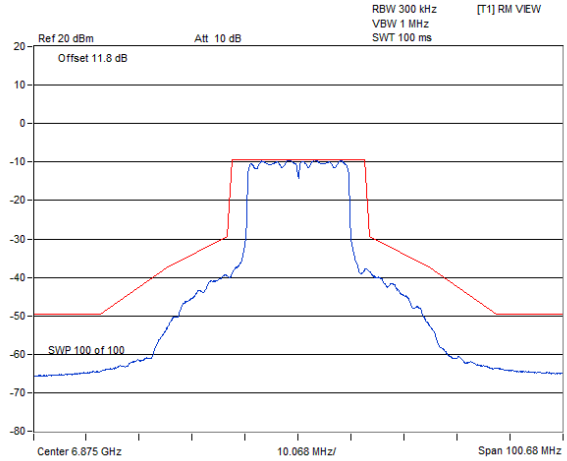
802.11ax (HE20) / Chain 3 : CH 117



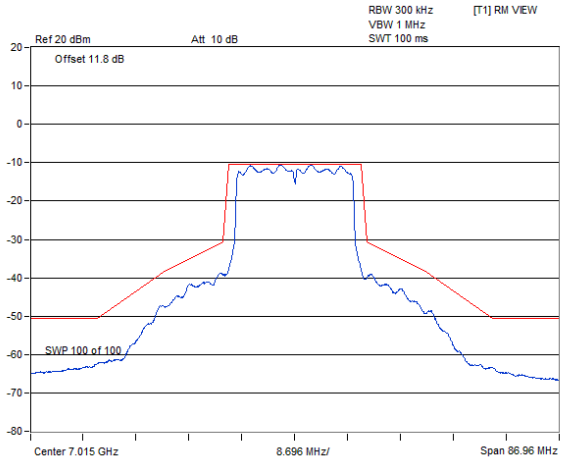
802.11ax (HE20) / Chain 3 : CH 153



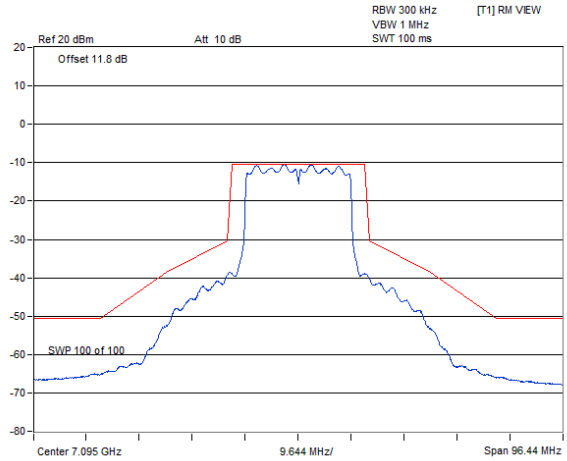
802.11ax (HE20) / Chain 3 : CH 181



802.11ax (HE20) / Chain 3 : CH 185

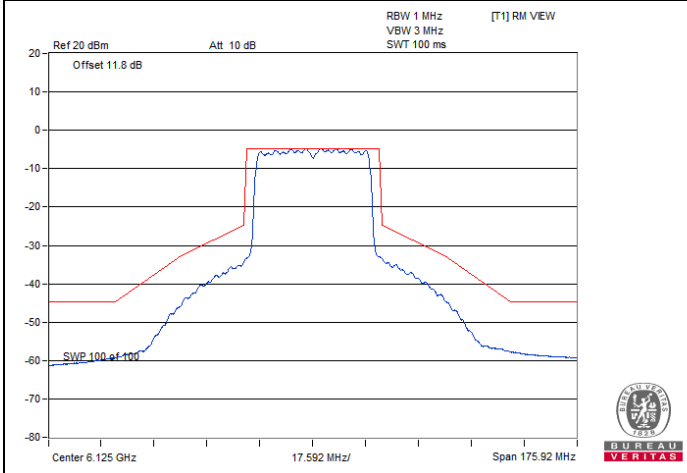
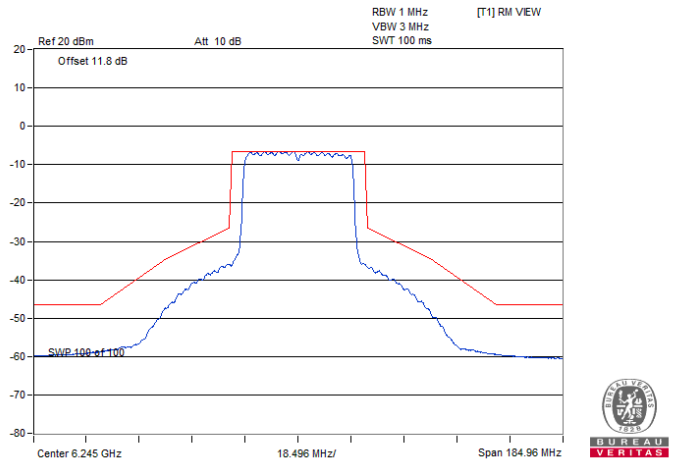
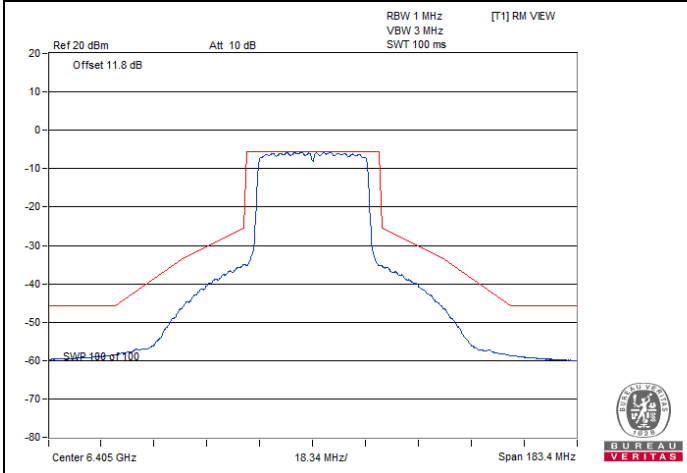
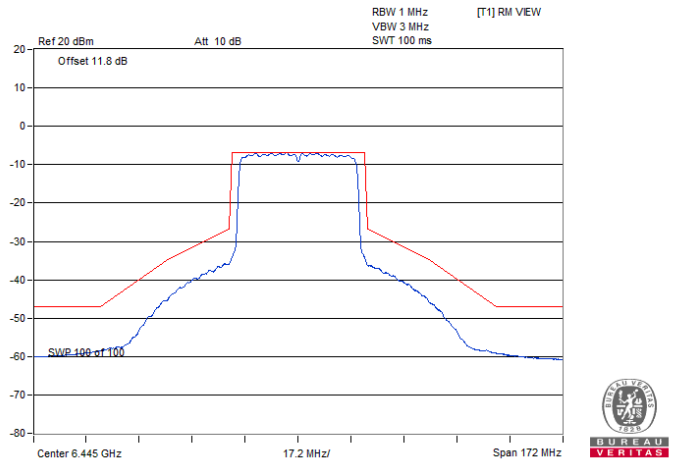
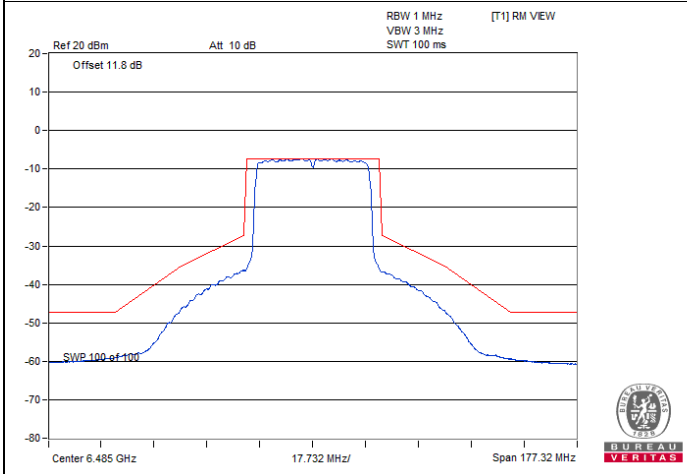
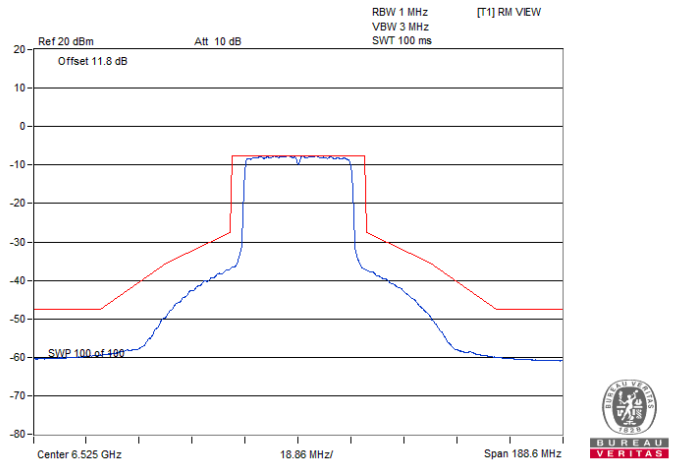


802.11ax (HE20) / Chain 3 : CH 213

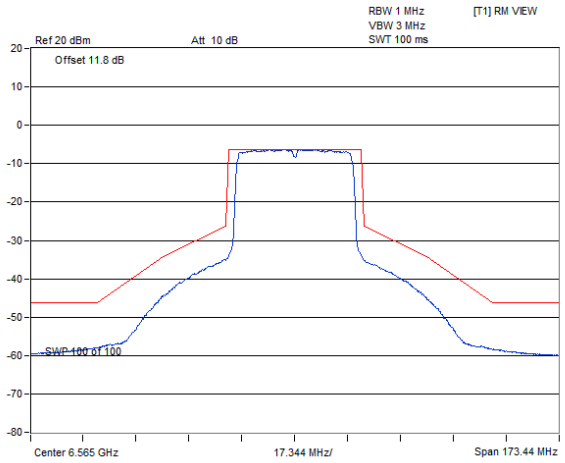


802.11ax (HE20) / Chain 3 : CH 229

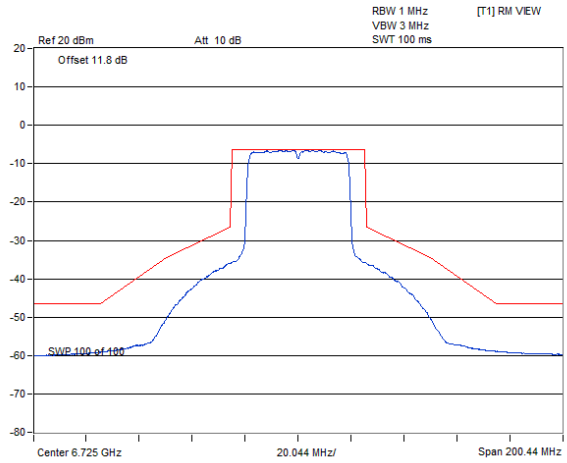
802.11ax (HE40)

Spectrum Plot	
	
802.11ax (HE40) / Chain 0 : CH 35	802.11ax (HE40) / Chain 0 : CH 59
	
802.11ax (HE40) / Chain 0 : CH 91	802.11ax (HE40) / Chain 0 : CH 99
	
802.11ax (HE40) / Chain 0 : CH 107	802.11ax (HE40) / Chain 0 : CH 115

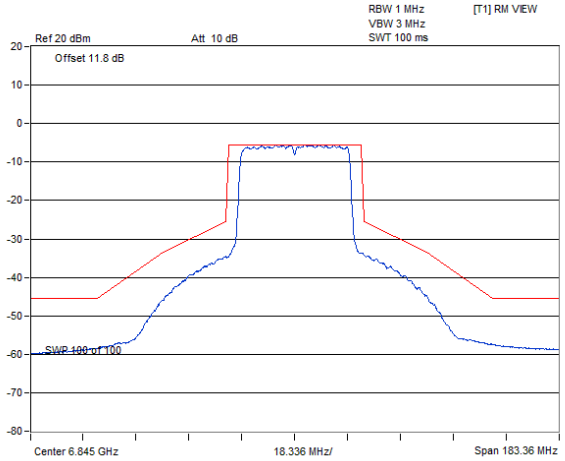
Spectrum Plot



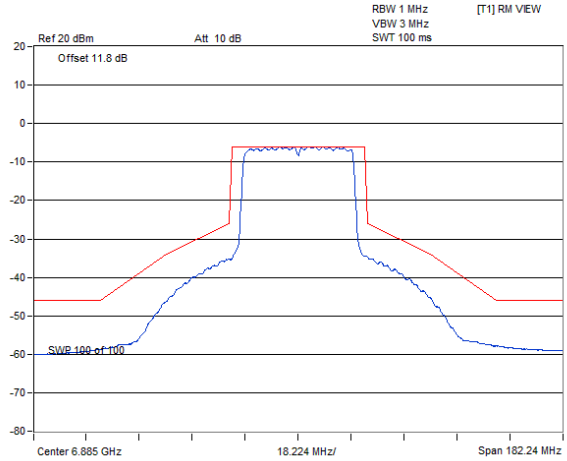
802.11ax (HE40) / Chain 0 : CH 123



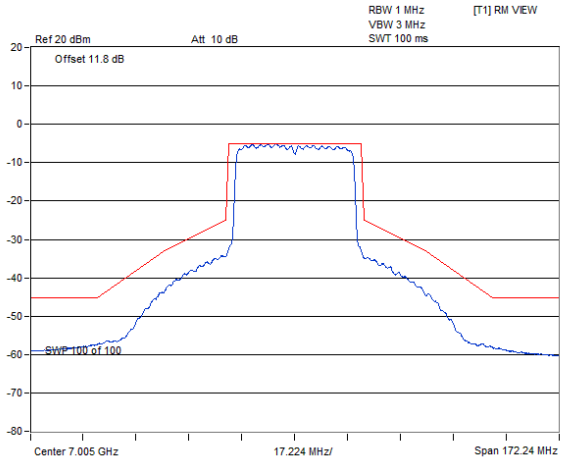
802.11ax (HE40) / Chain 0 : CH 155



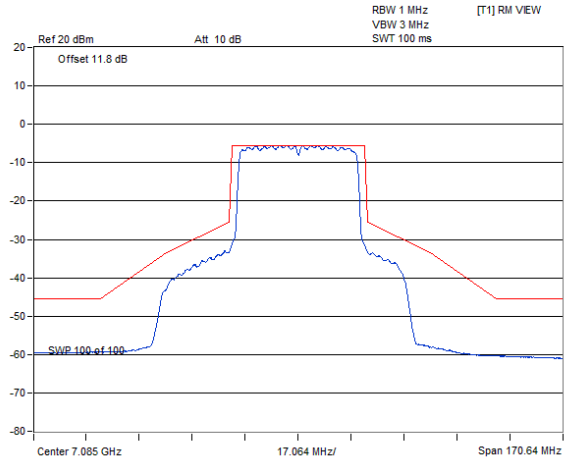
802.11ax (HE40) / Chain 0 : CH 179



802.11ax (HE40) / Chain 0 : CH 187

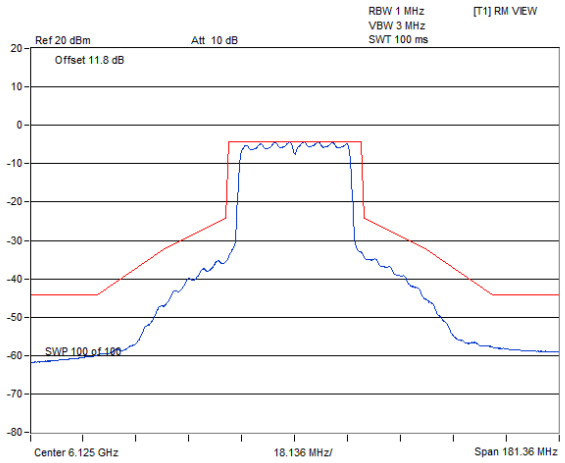


802.11ax (HE40) / Chain 0 : CH 211

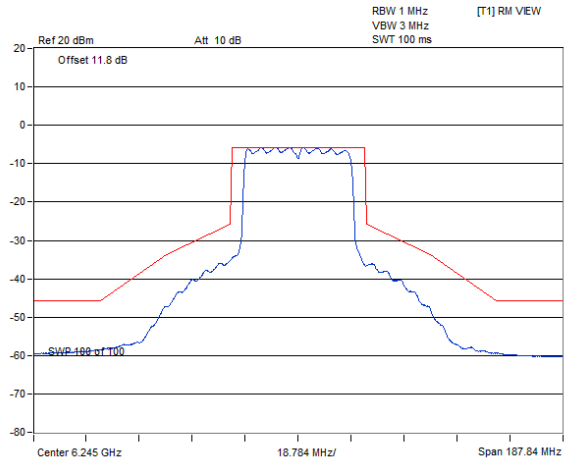


802.11ax (HE40) / Chain 0 : CH 227

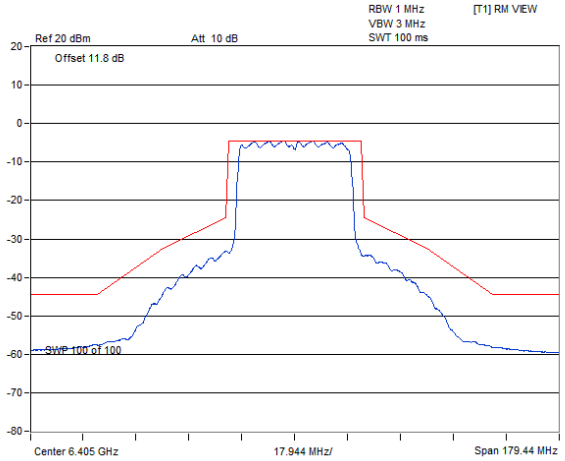
Spectrum Plot



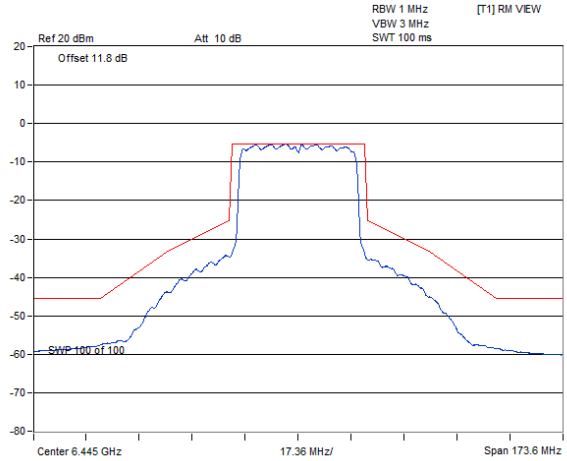
802.11ax (HE40) / Chain 1 : CH 35



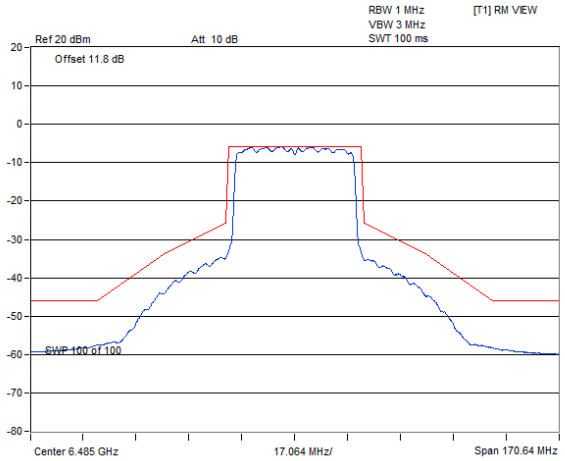
802.11ax (HE40) / Chain 1 : CH 59



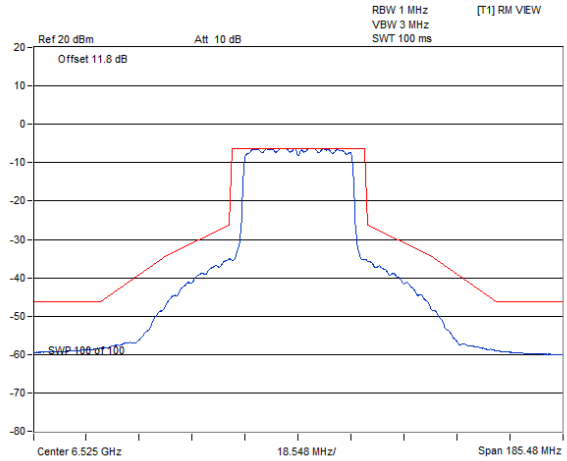
802.11ax (HE40) / Chain 1 : CH 91



802.11ax (HE40) / Chain 1 : CH 99

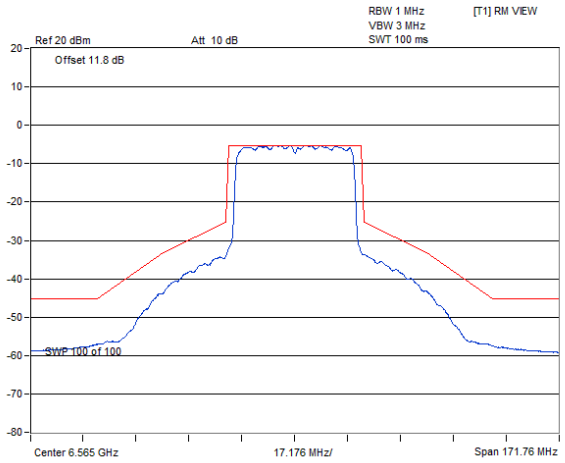


802.11ax (HE40) / Chain 1 : CH 107

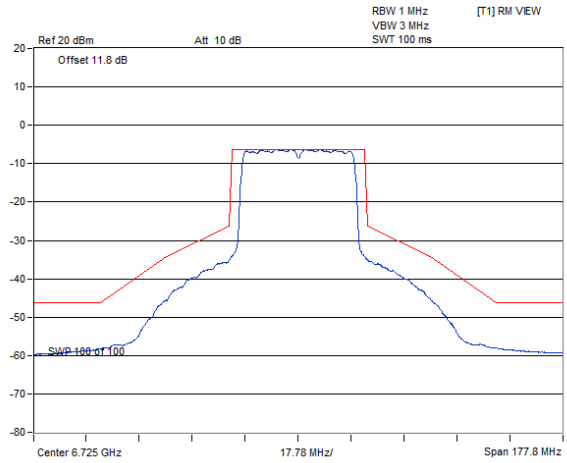


802.11ax (HE40) / Chain 1 : CH 115

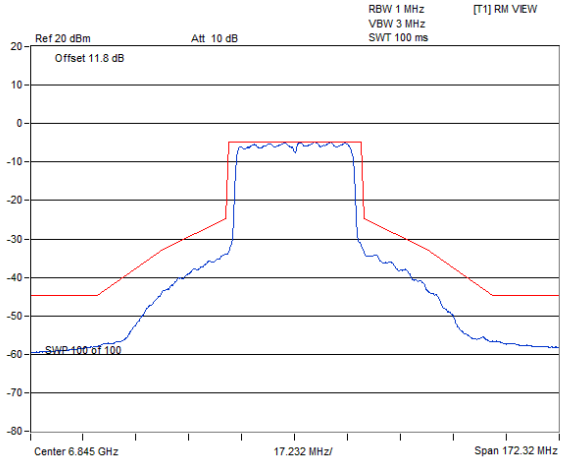
Spectrum Plot



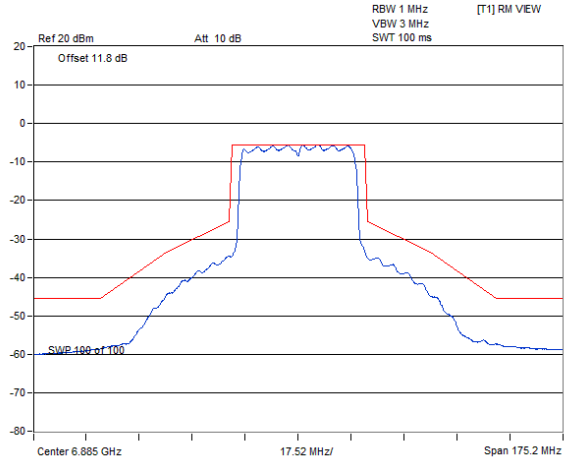
802.11ax (HE40) / Chain 1 : CH 123



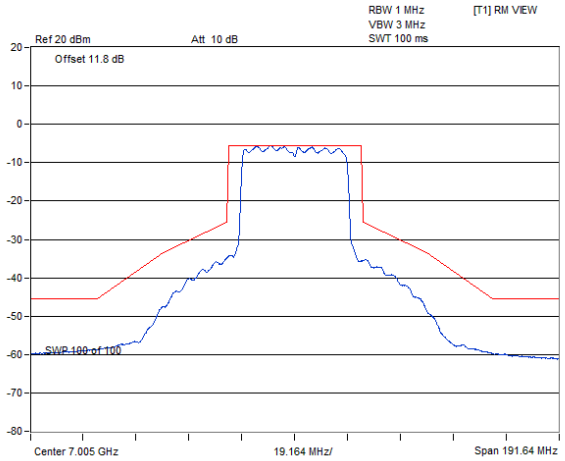
802.11ax (HE40) / Chain 1 : CH 155



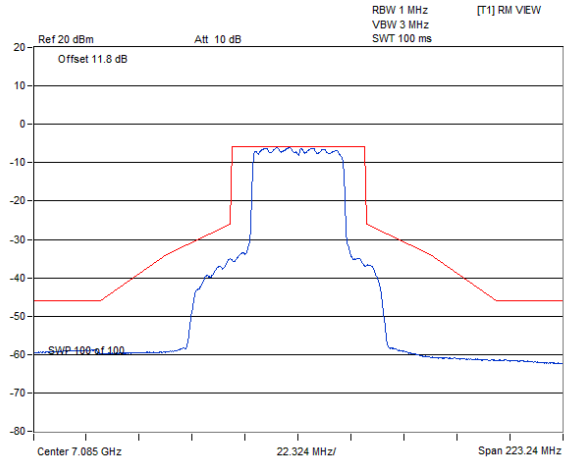
802.11ax (HE40) / Chain 1 : CH 179



802.11ax (HE40) / Chain 1 : CH 187

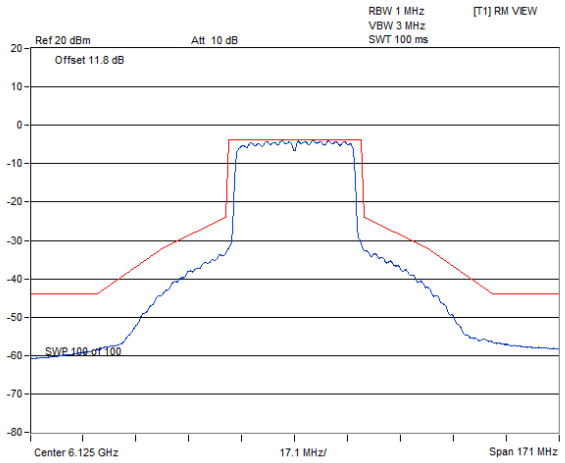


802.11ax (HE40) / Chain 1 : CH 211

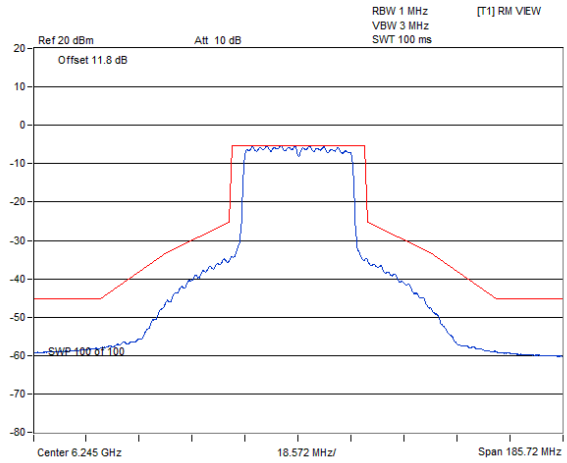


802.11ax (HE40) / Chain 1 : CH 227

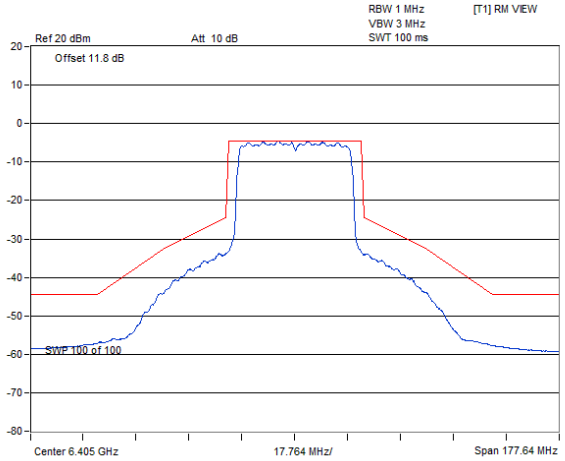
Spectrum Plot



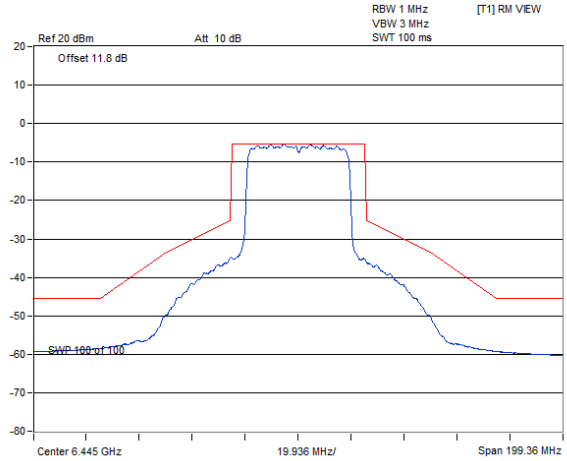
802.11ax (HE40) / Chain 2 : CH 35



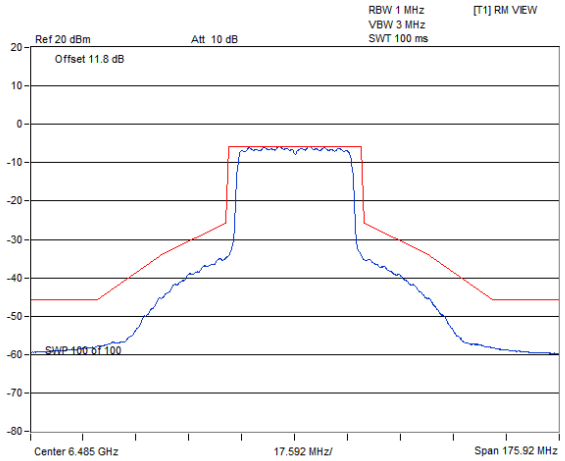
802.11ax (HE40) / Chain 2 : CH 59



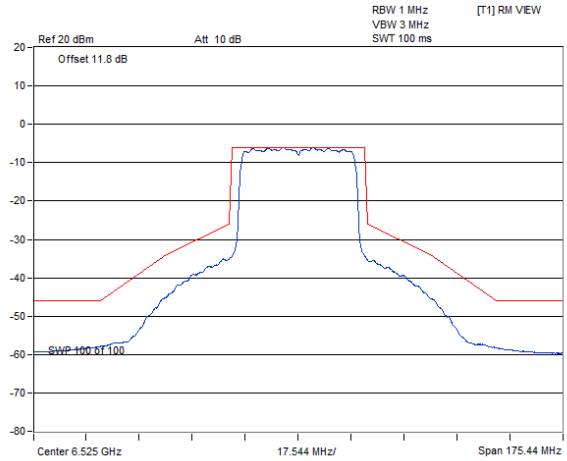
802.11ax (HE40) / Chain 2 : CH 91



802.11ax (HE40) / Chain 2 : CH 99

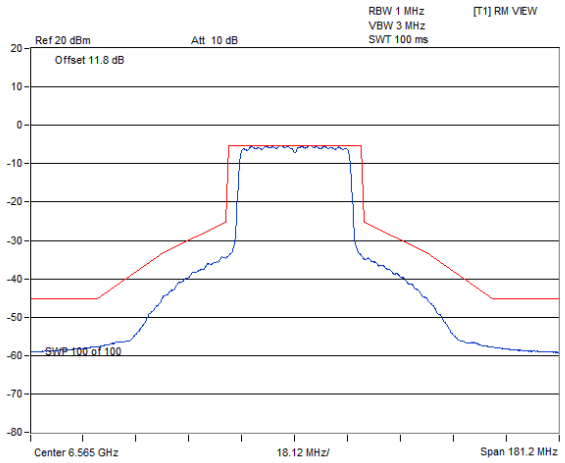


802.11ax (HE40) / Chain 2 : CH 107

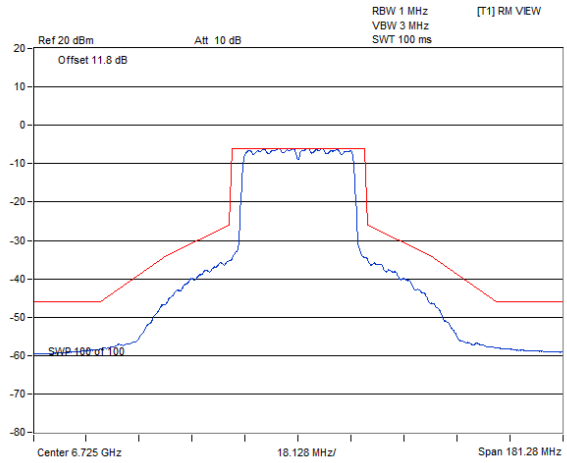


802.11ax (HE40) / Chain 2 : CH 115

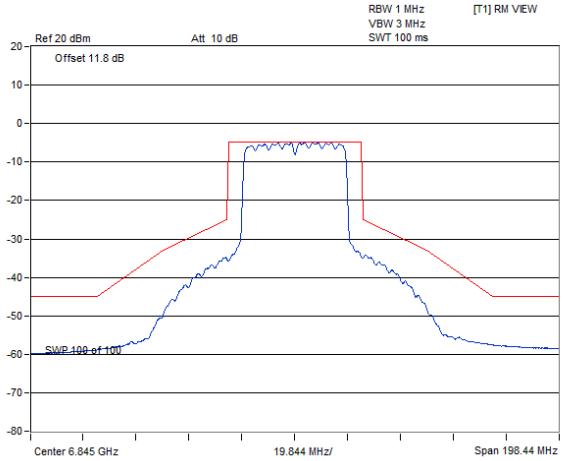
Spectrum Plot



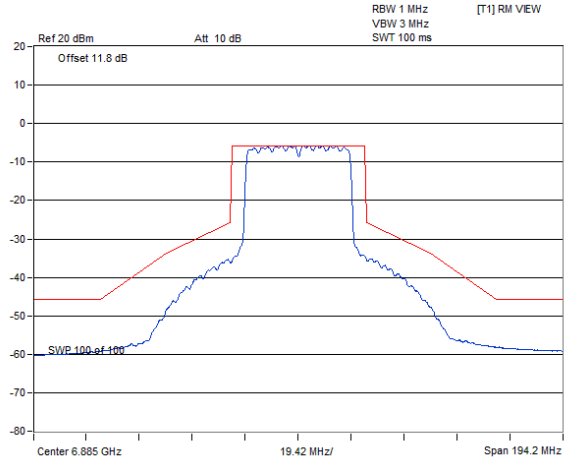
802.11ax (HE40) / Chain 2 : CH 123



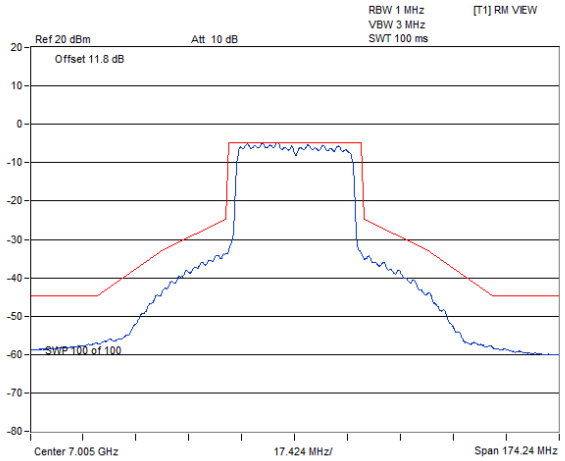
802.11ax (HE40) / Chain 2 : CH 155



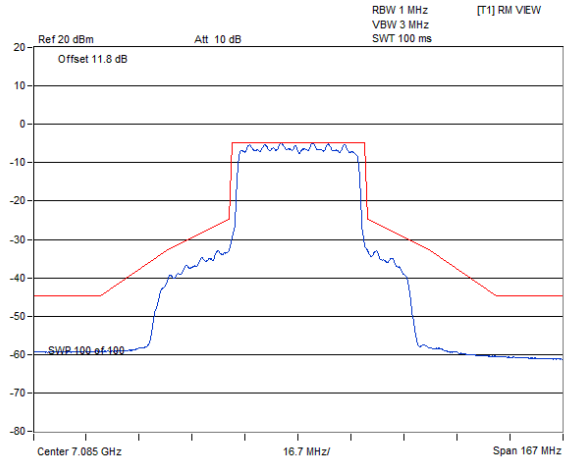
802.11ax (HE40) / Chain 2 : CH 179



802.11ax (HE40) / Chain 2 : CH 187

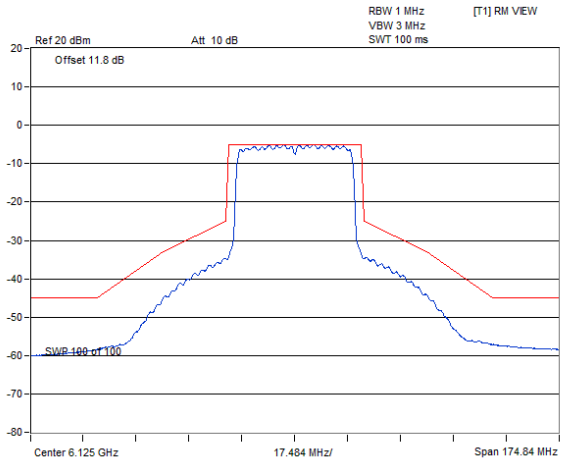


802.11ax (HE40) / Chain 2 : CH 211

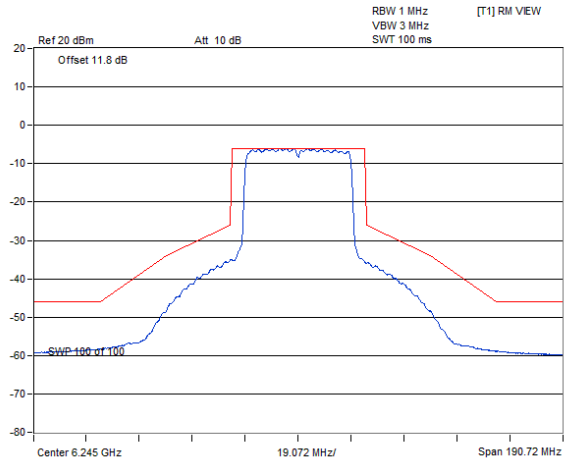


802.11ax (HE40) / Chain 2 : CH 227

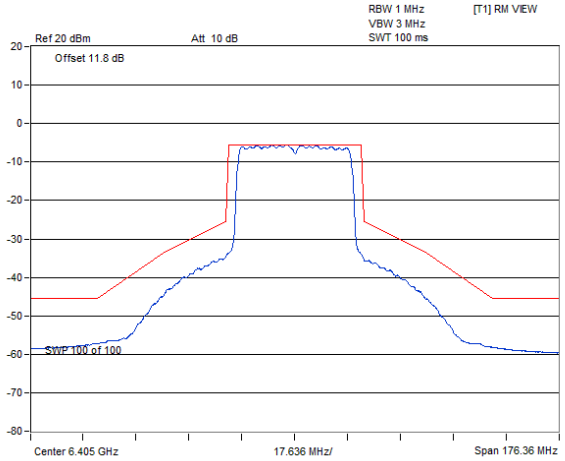
Spectrum Plot



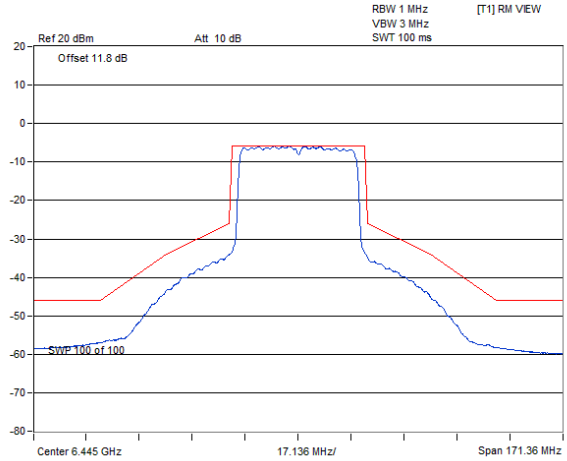
802.11ax (HE40) / Chain 3 : CH 35



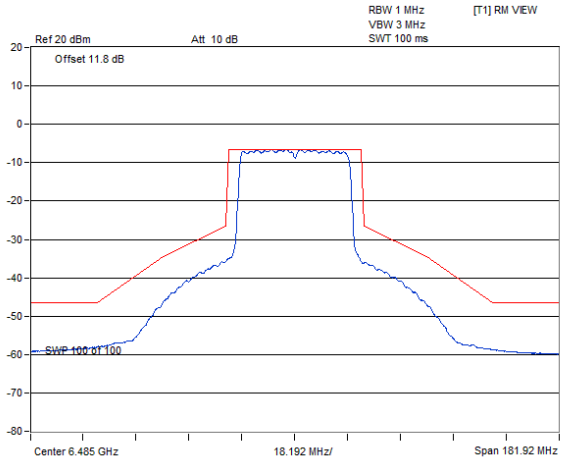
802.11ax (HE40) / Chain 3 : CH 59



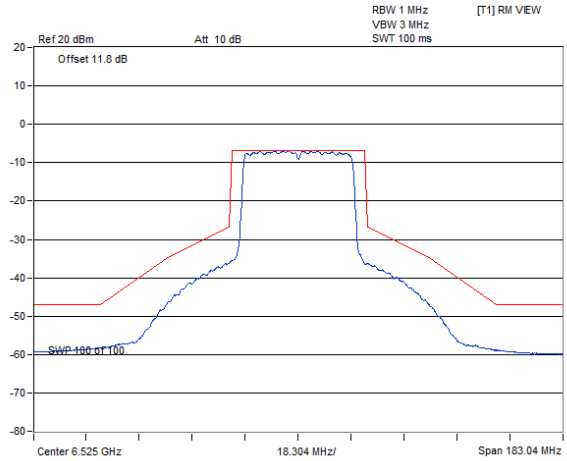
802.11ax (HE40) / Chain 3 : CH 91



802.11ax (HE40) / Chain 3 : CH 99

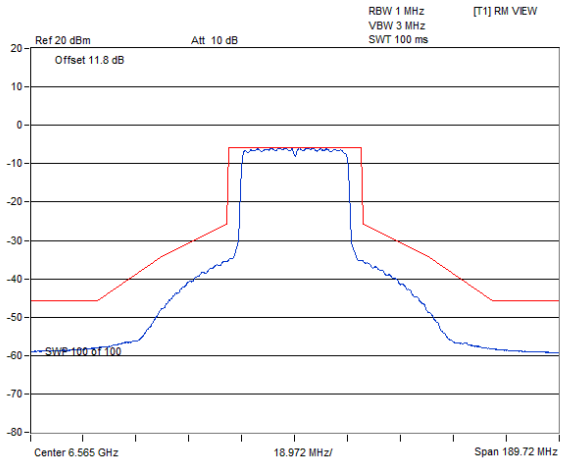


802.11ax (HE40) / Chain 3 : CH 107

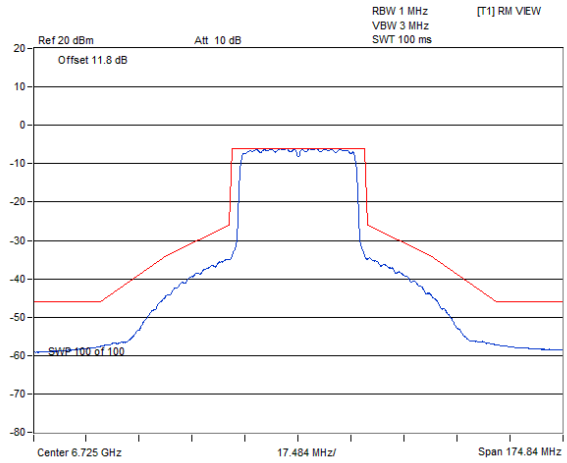


802.11ax (HE40) / Chain 3 : CH 115

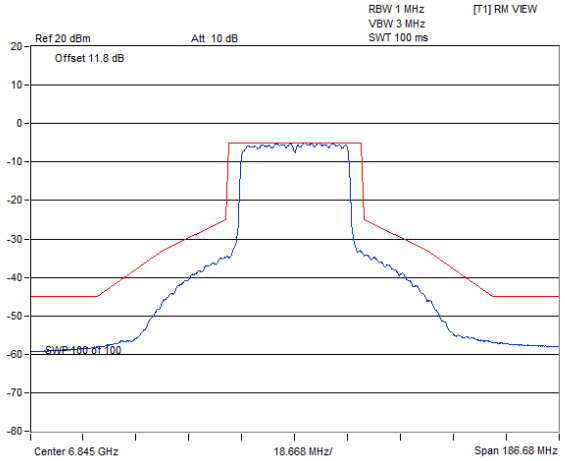
Spectrum Plot



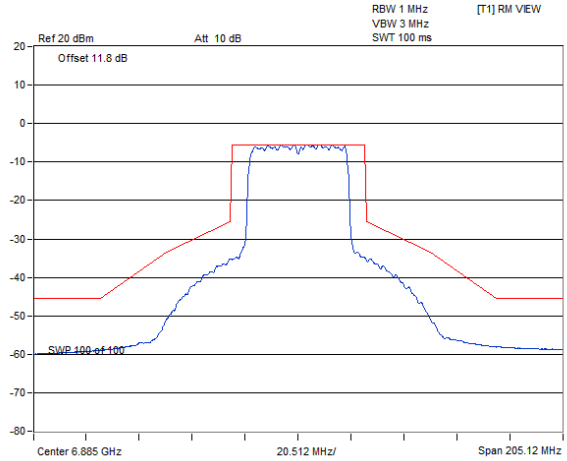
802.11ax (HE40) / Chain 3 : CH 123



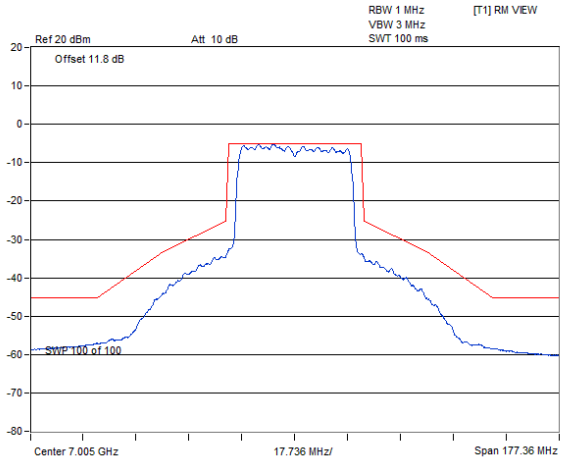
802.11ax (HE40) / Chain 3 : CH 155



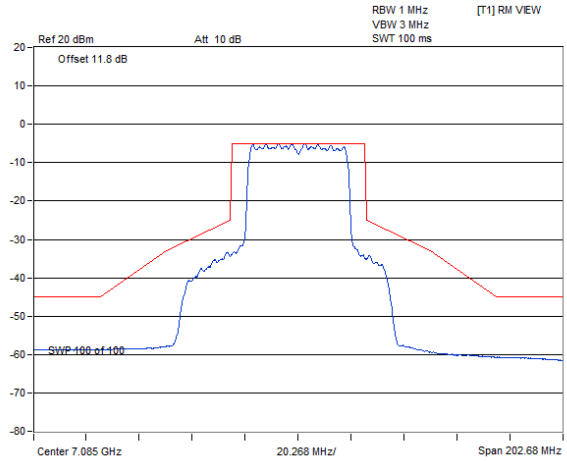
802.11ax (HE40) / Chain 3 : CH 179



802.11ax (HE40) / Chain 3 : CH 187

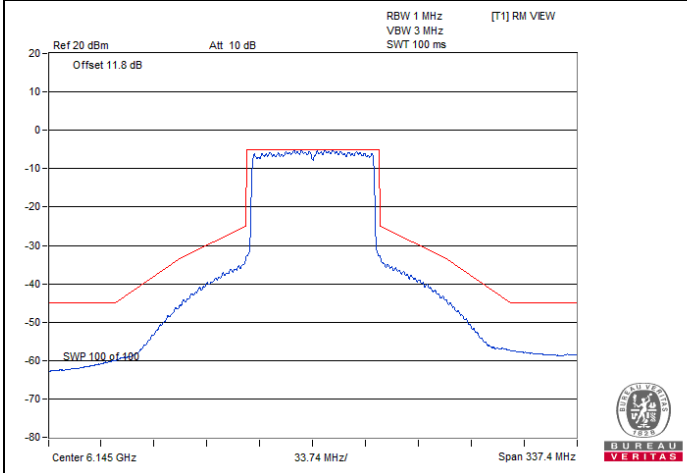
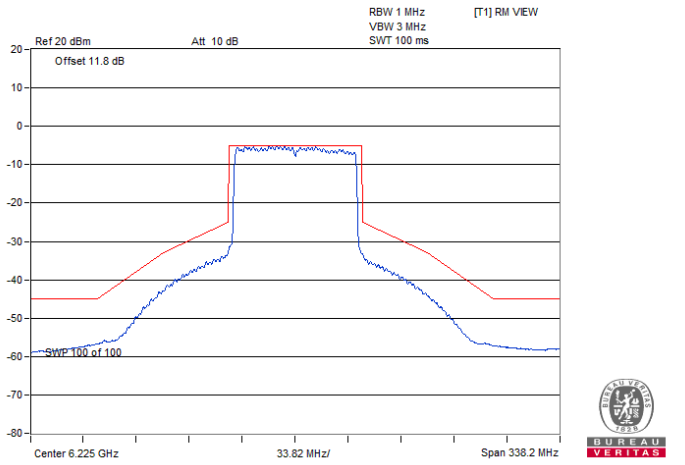
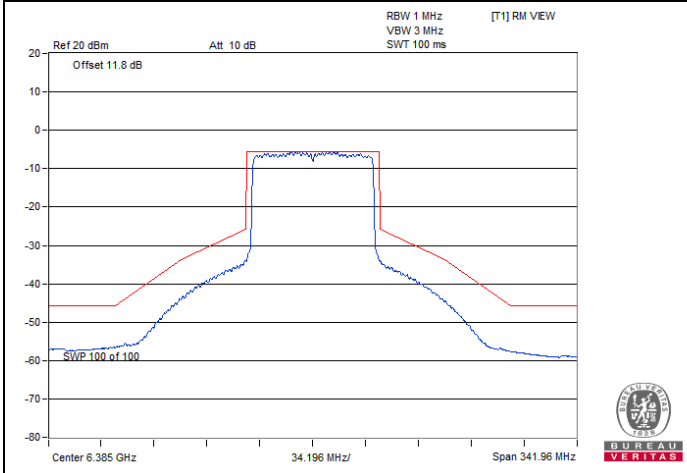
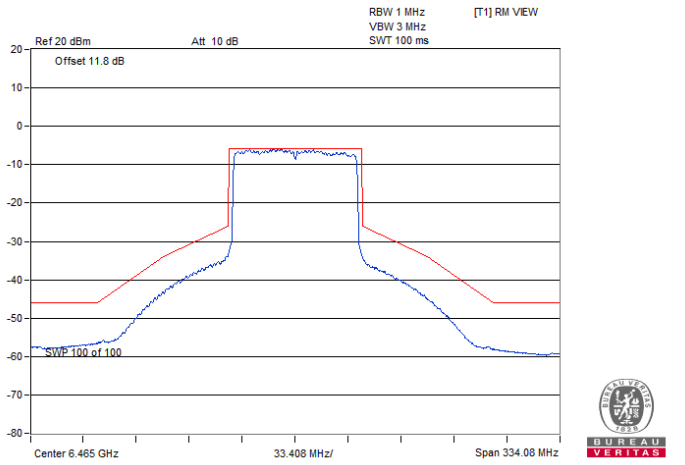
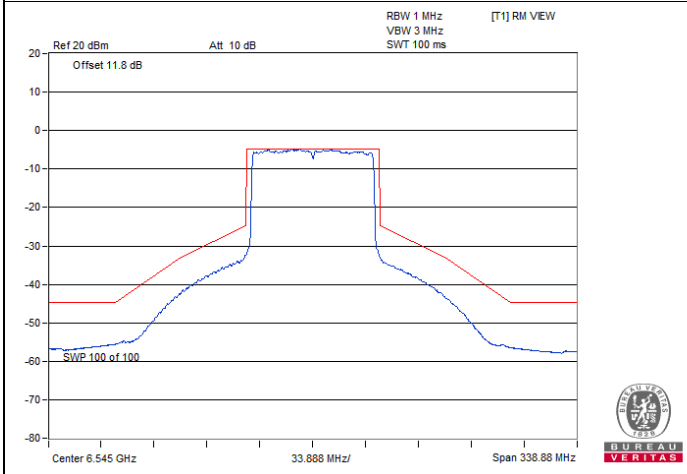
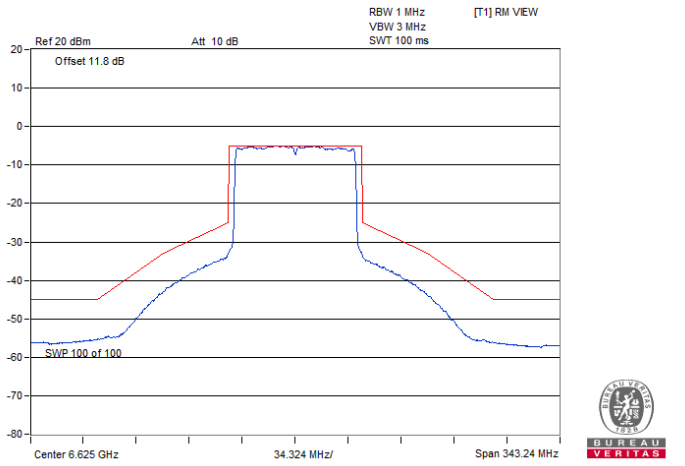


802.11ax (HE40) / Chain 3 : CH 211

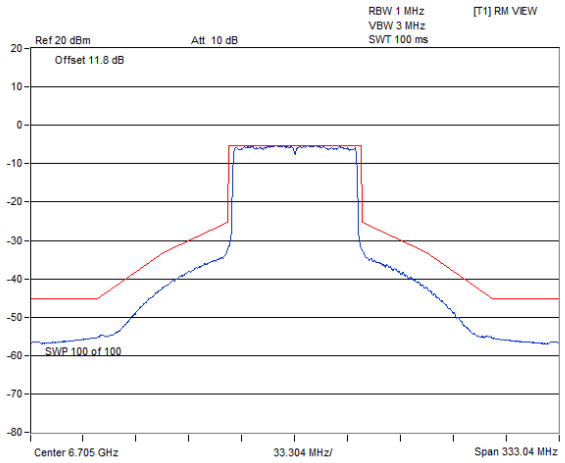


802.11ax (HE40) / Chain 3 : CH 227

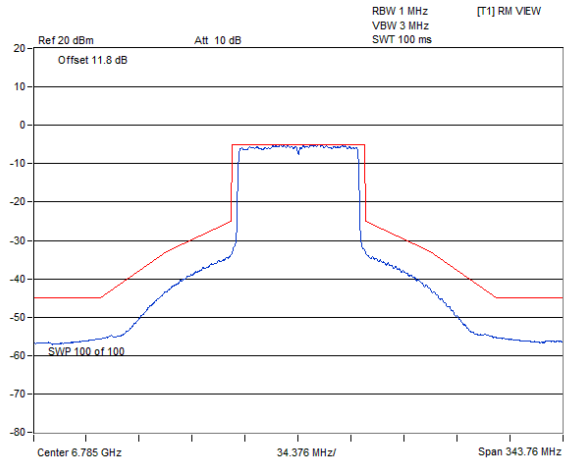
802.11ax (HE80)

Spectrum Plot	
	
802.11ax (HE80) / Chain 0 : CH 39	802.11ax (HE80) / Chain 0 : CH 55
	
802.11ax (HE80) / Chain 0 : CH 87	802.11ax (HE80) / Chain 0 : CH 103
	
802.11ax (HE80) / Chain 0 : CH 119	802.11ax (HE80) / Chain 0 : CH 135

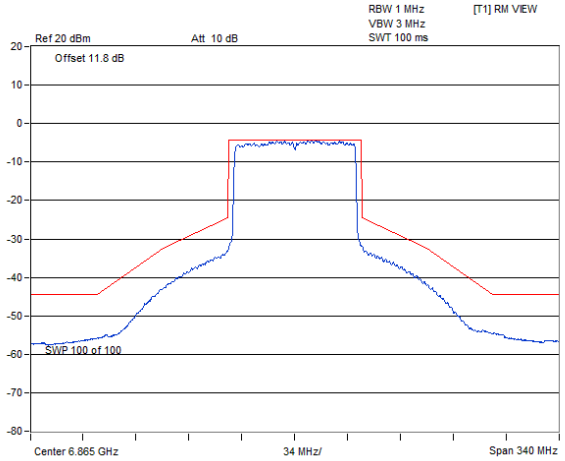
Spectrum Plot



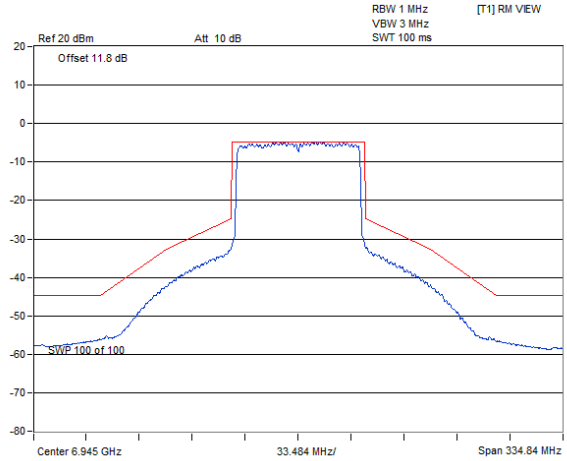
802.11ax (HE80) / Chain 0 : CH 151



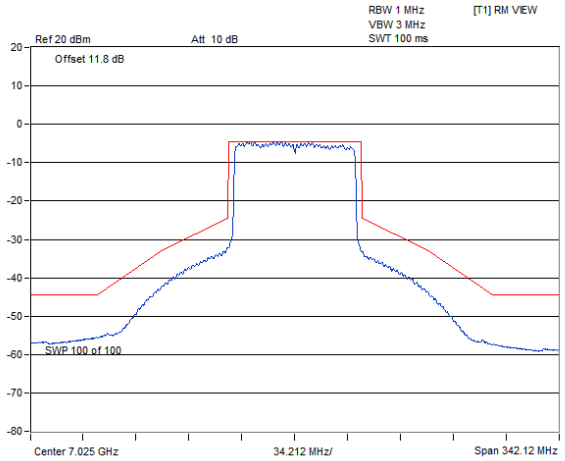
802.11ax (HE80) / Chain 0 : CH 167



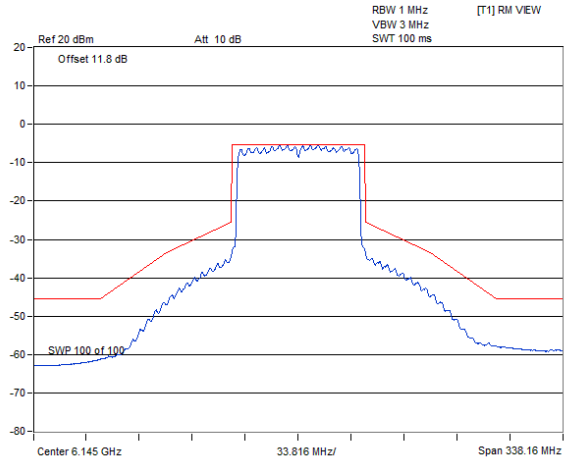
802.11ax (HE80) / Chain 0 : CH 183



802.11ax (HE80) / Chain 0 : CH 199

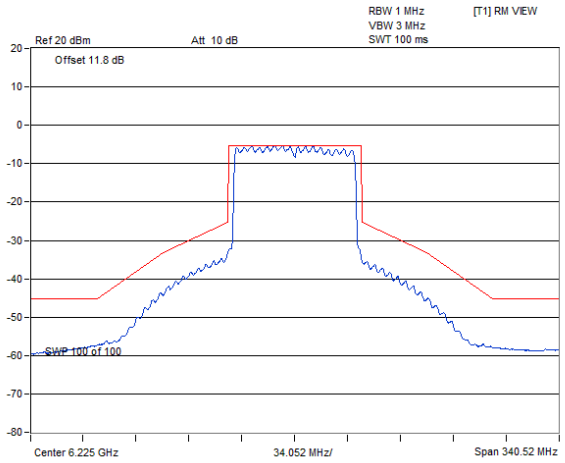


802.11ax (HE80) / Chain 0 : CH 215

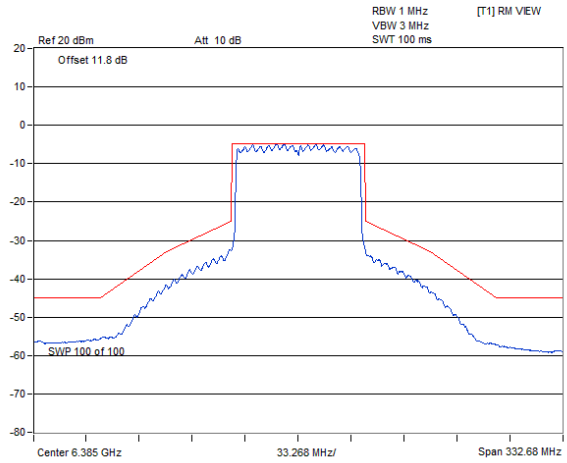


802.11ax (HE80) / Chain 1 : CH 39

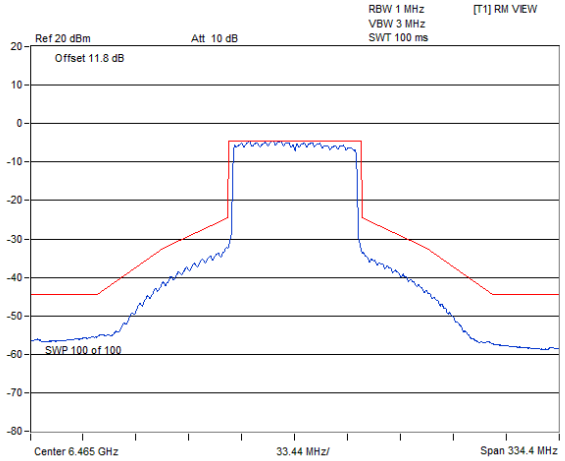
Spectrum Plot



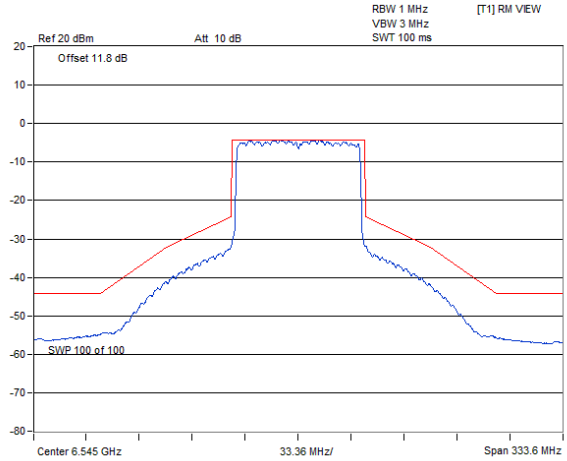
802.11ax (HE80) / Chain 1 : CH 55



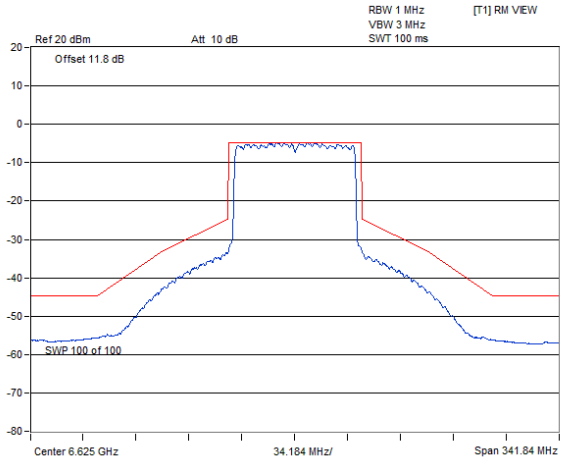
802.11ax (HE80) / Chain 1 : CH 87



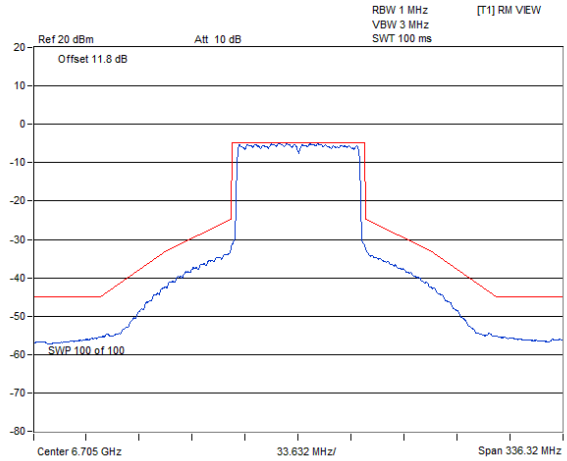
802.11ax (HE80) / Chain 1 : CH 103



802.11ax (HE80) / Chain 1 : CH 119

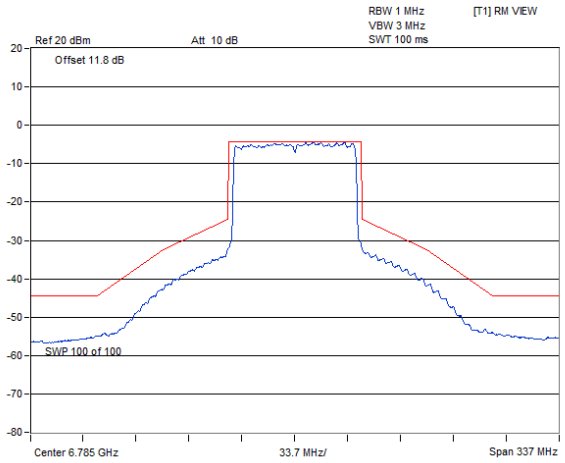


802.11ax (HE80) / Chain 1 : CH 135

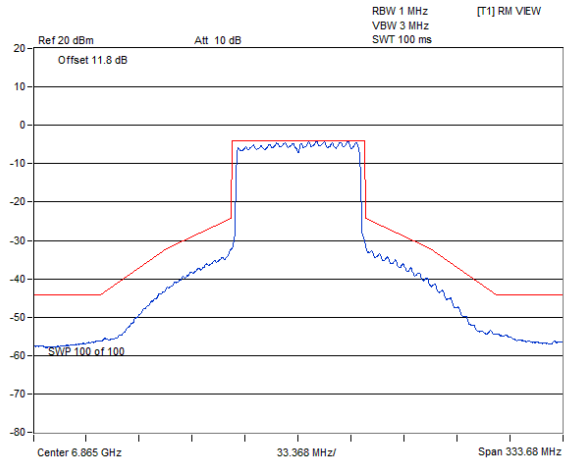


802.11ax (HE80) / Chain 1 : CH 151

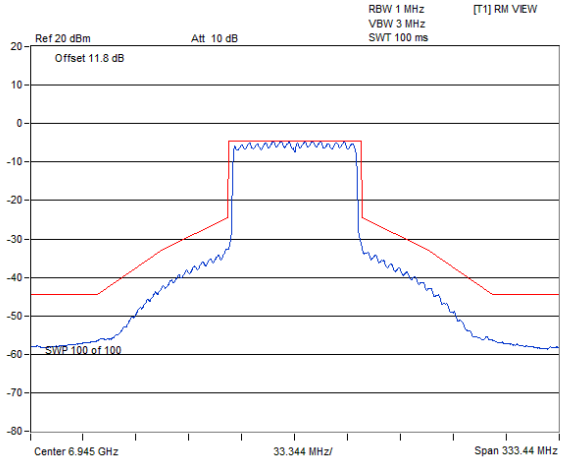
Spectrum Plot



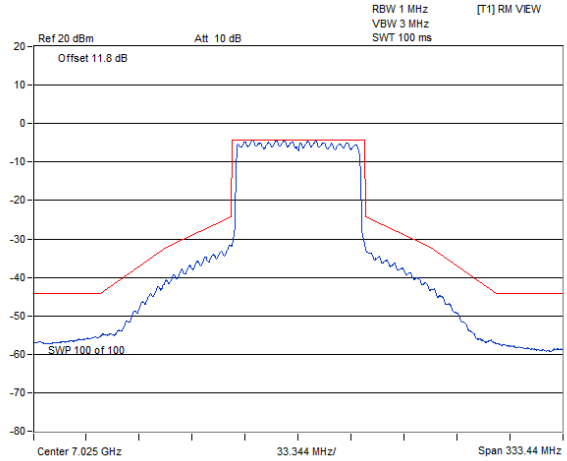
802.11ax (HE80) / Chain 1 : CH 167



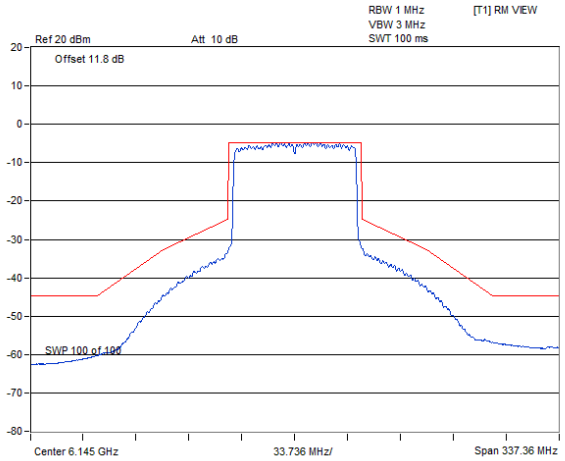
802.11ax (HE80) / Chain 1 : CH 183



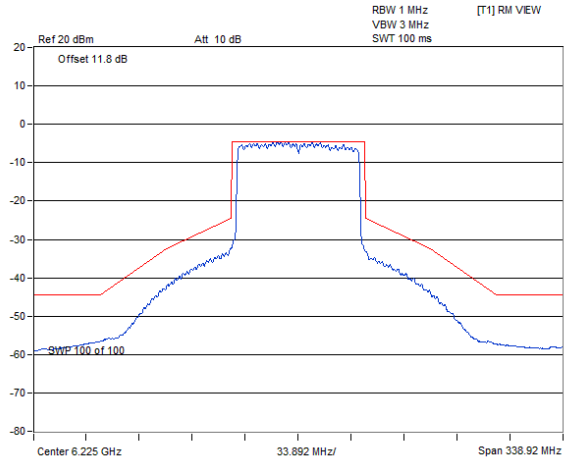
802.11ax (HE80) / Chain 1 : CH 199



802.11ax (HE80) / Chain 1 : CH 215

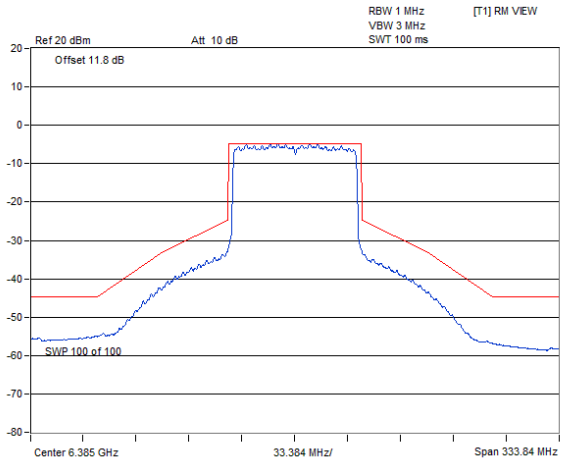


802.11ax (HE80) / Chain 2 : CH 39

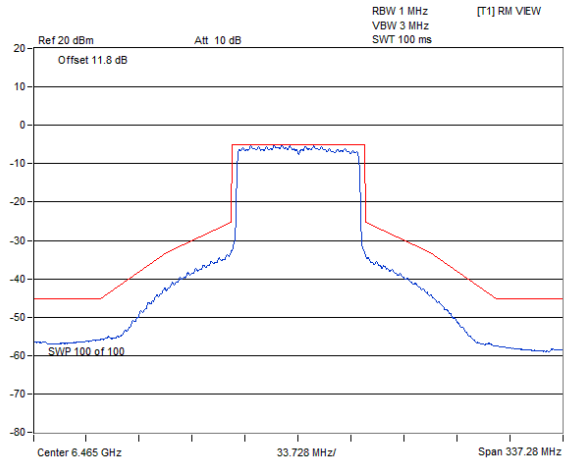


802.11ax (HE80) / Chain 2 : CH 55

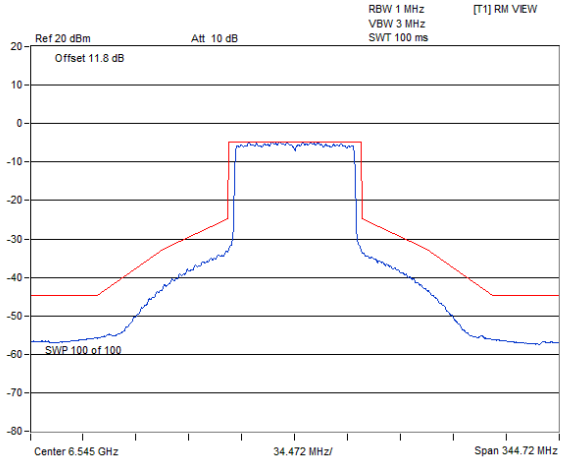
Spectrum Plot



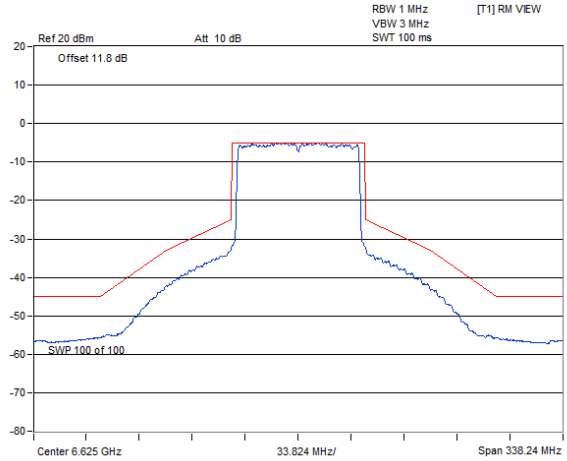
802.11ax (HE80) / Chain 2 : CH 87



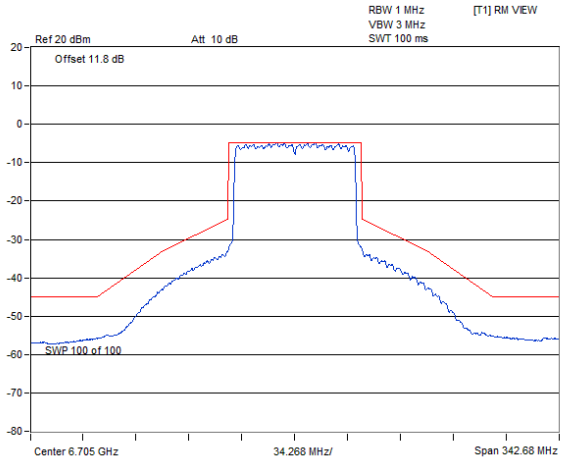
802.11ax (HE80) / Chain 2 : CH 103



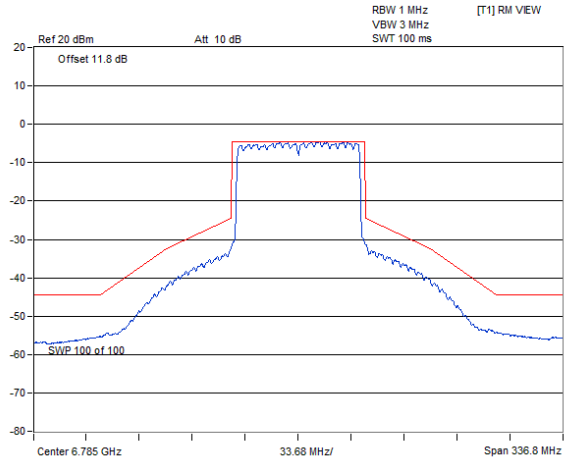
802.11ax (HE80) / Chain 2 : CH 119



802.11ax (HE80) / Chain 2 : CH 135

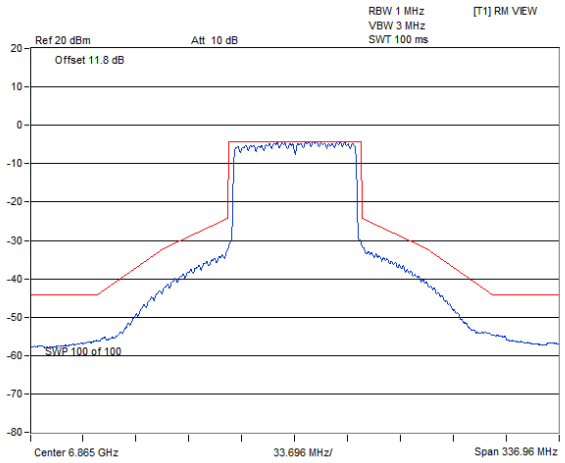


802.11ax (HE80) / Chain 2 : CH 151

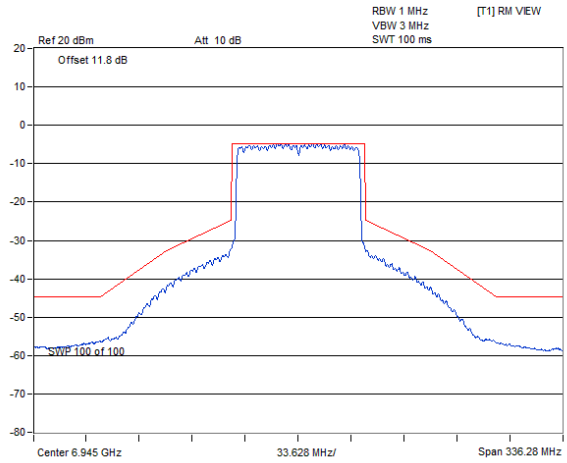


802.11ax (HE80) / Chain 2 : CH 167

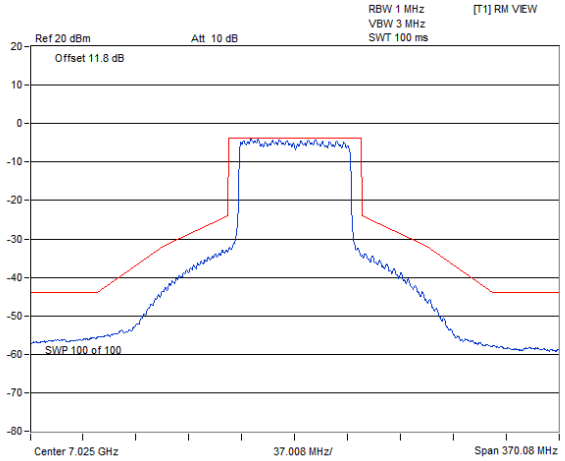
Spectrum Plot



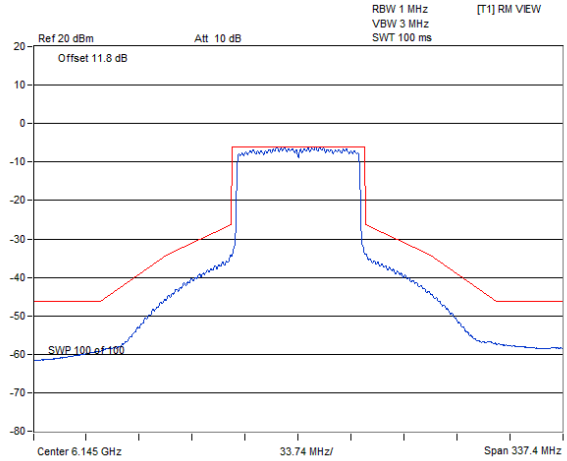
802.11ax (HE80) / Chain 2 : CH 183



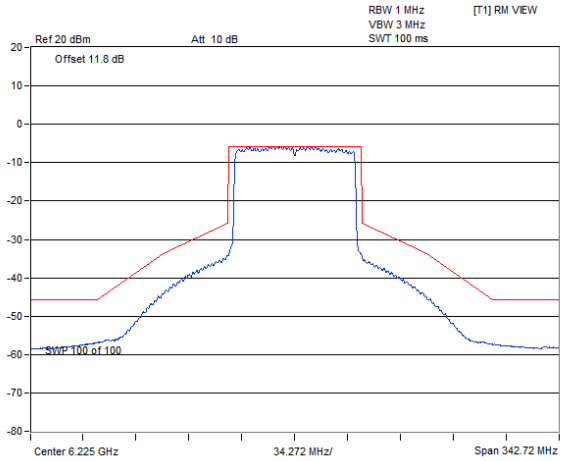
802.11ax (HE80) / Chain 2 : CH 199



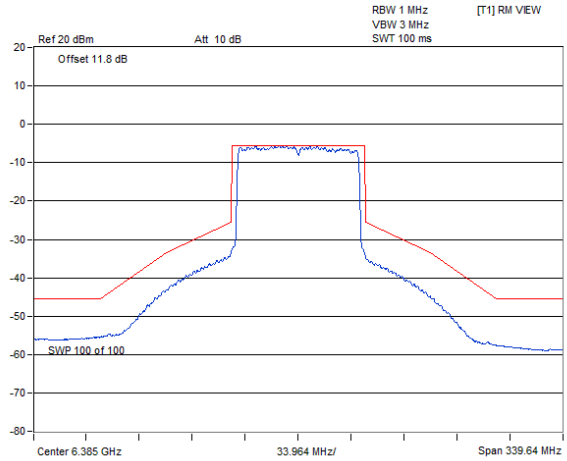
802.11ax (HE80) / Chain 2 : CH 215



802.11ax (HE80) / Chain 3 : CH 39

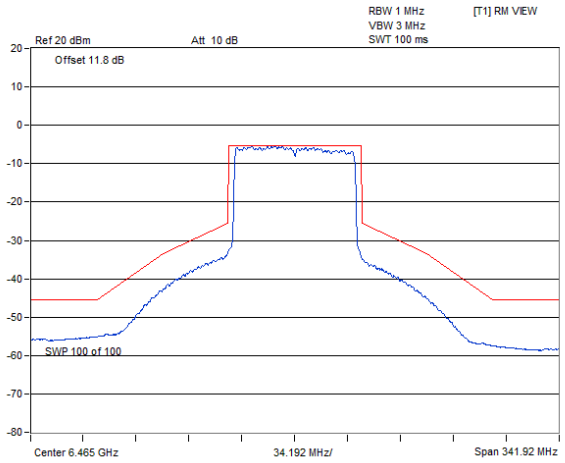


802.11ax (HE80) / Chain 3 : CH 55

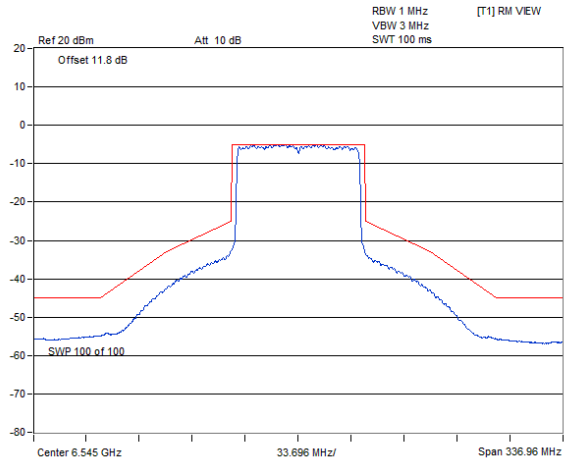


802.11ax (HE80) / Chain 3 : CH 87

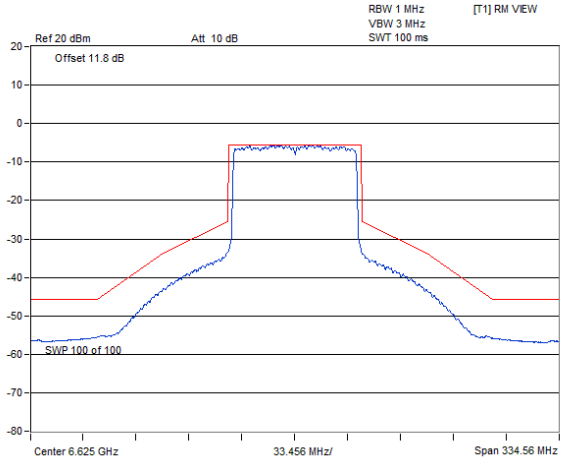
Spectrum Plot



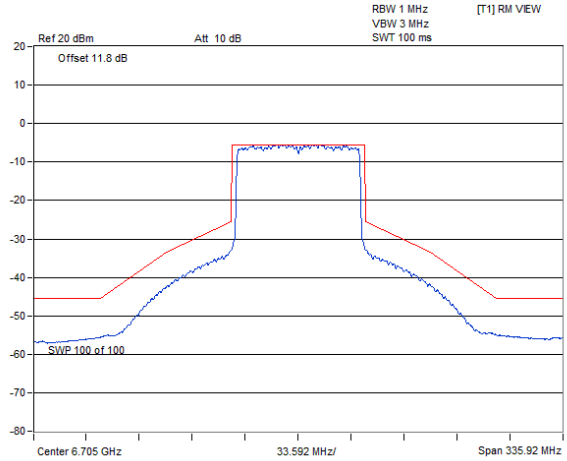
802.11ax (HE80) / Chain 3 : CH 103



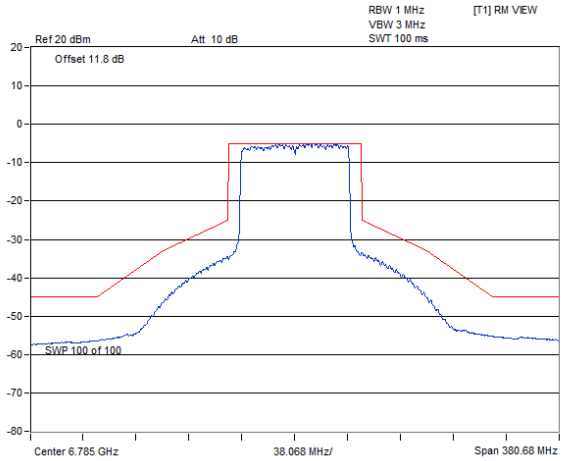
802.11ax (HE80) / Chain 3 : CH 119



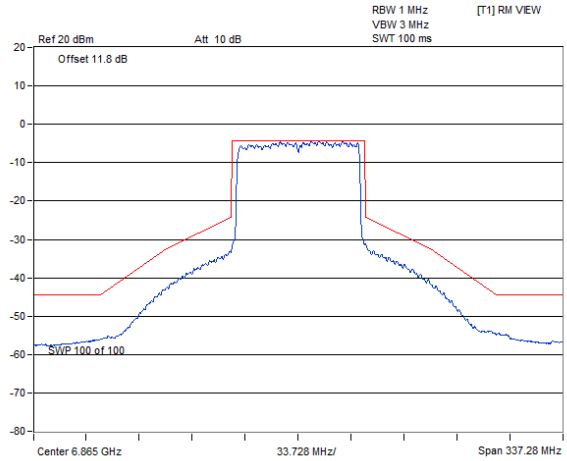
802.11ax (HE80) / Chain 3 : CH 135



802.11ax (HE80) / Chain 3 : CH 151

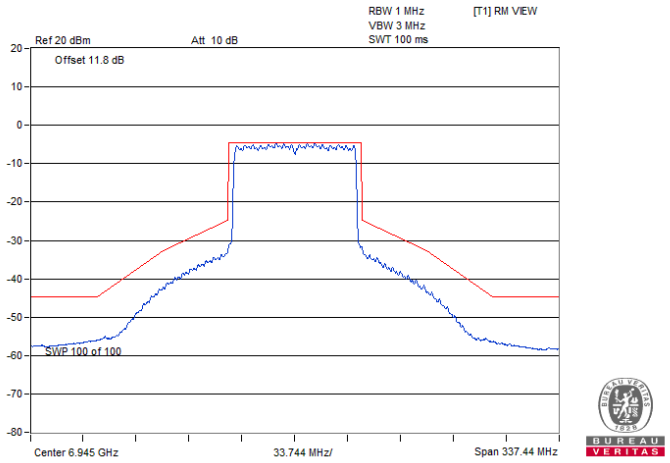


802.11ax (HE80) / Chain 3 : CH 167

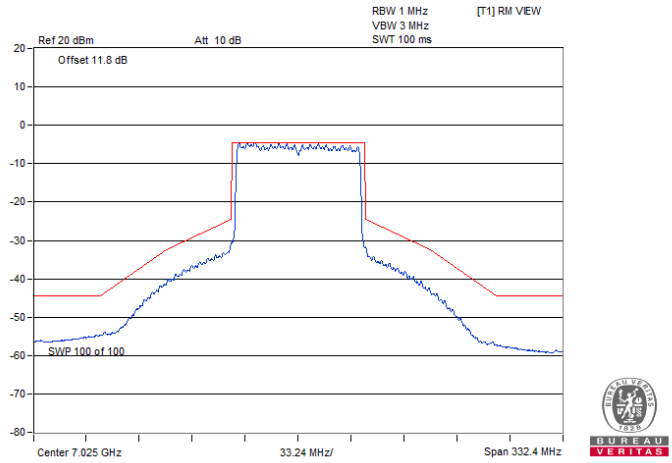


802.11ax (HE80) / Chain 3 : CH 183

Spectrum Plot

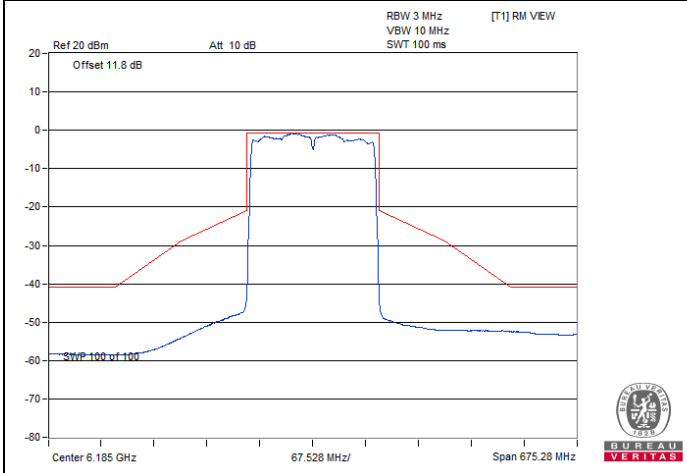
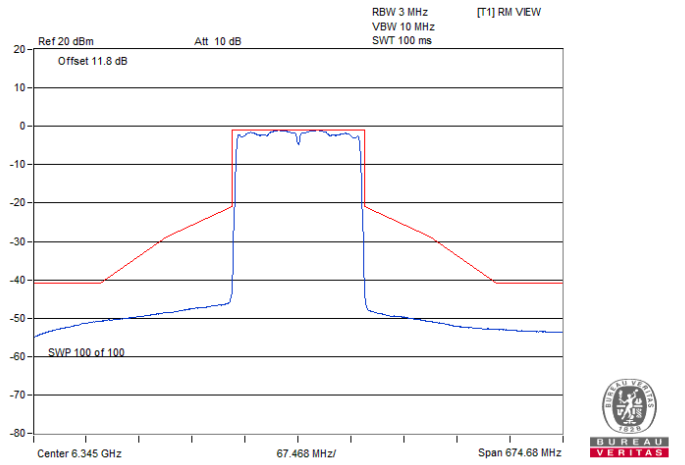
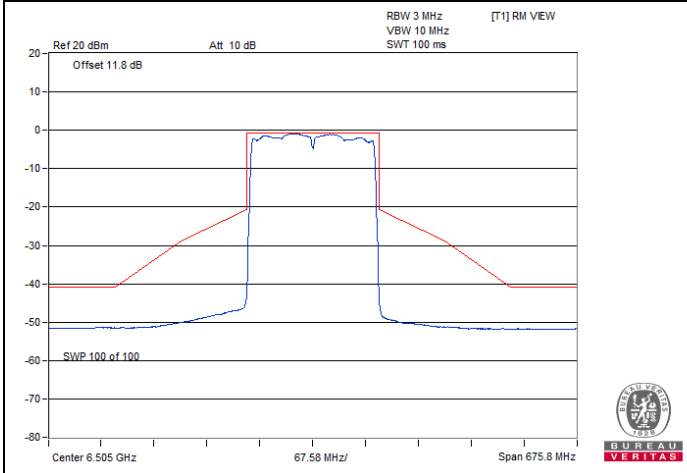
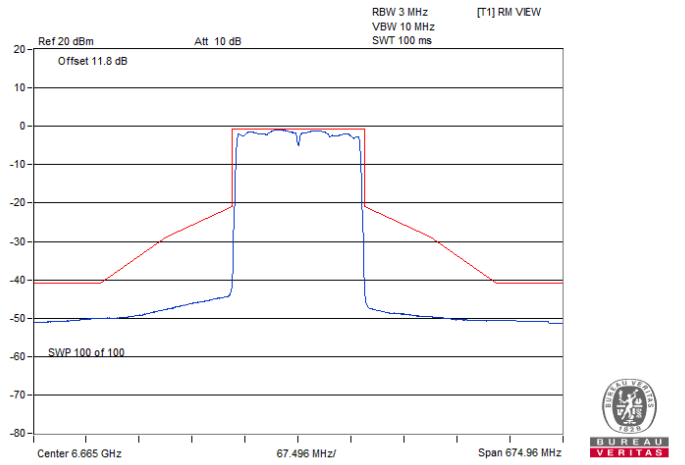
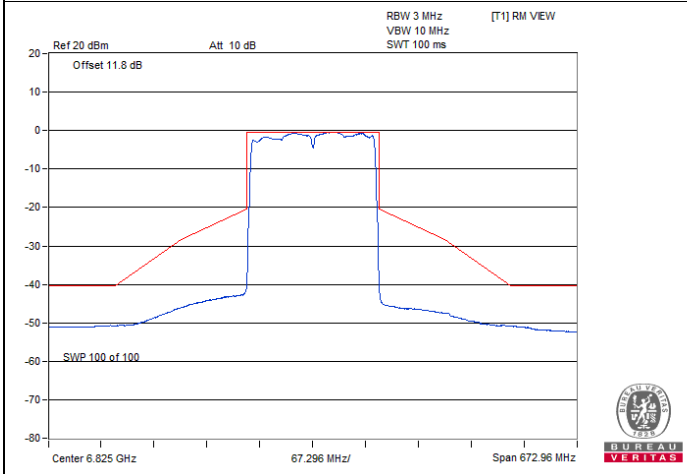
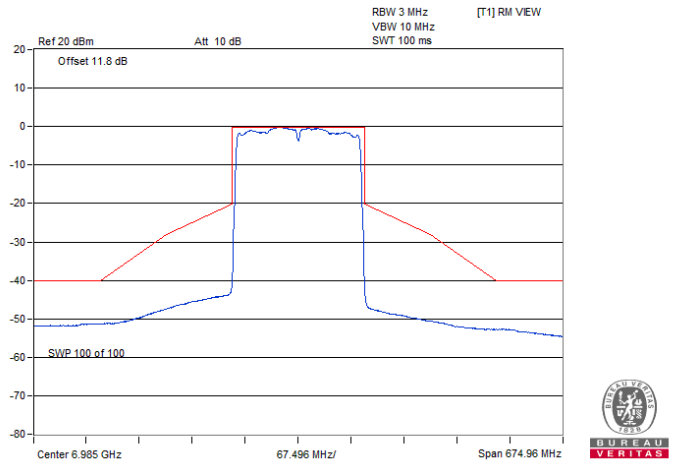


802.11ax (HE80) / Chain 3 : CH 199

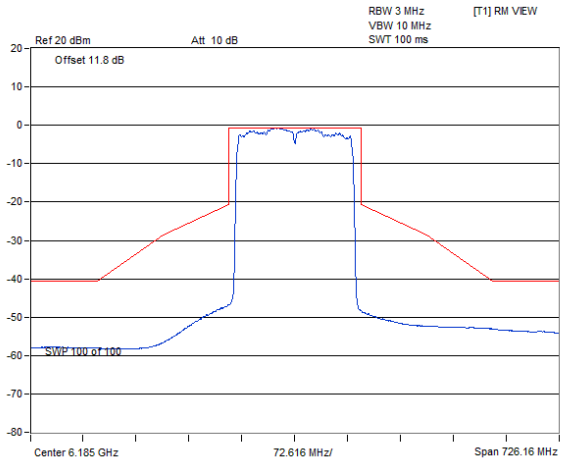


802.11ax (HE80) / Chain 3 : CH 215

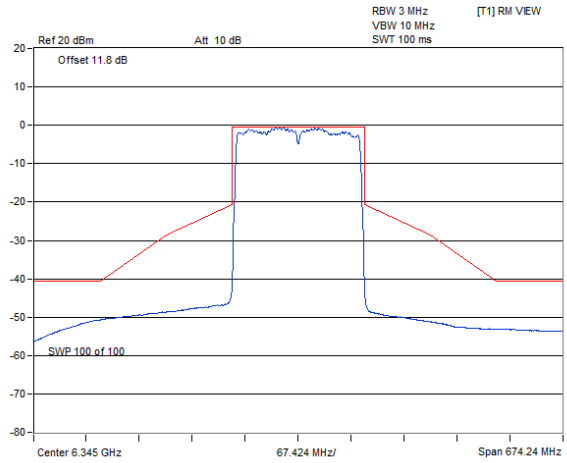
802.11ax (HE160)

Spectrum Plot	
	
802.11ax (HE160) / Chain 0 : CH 47	802.11ax (HE160) / Chain 0 : CH 79
	
802.11ax (HE160) / Chain 0 : CH 111	802.11ax (HE160) / Chain 0 : CH 143
	
802.11ax (HE160) / Chain 0 : CH 175	802.11ax (HE160) / Chain 0 : CH 207

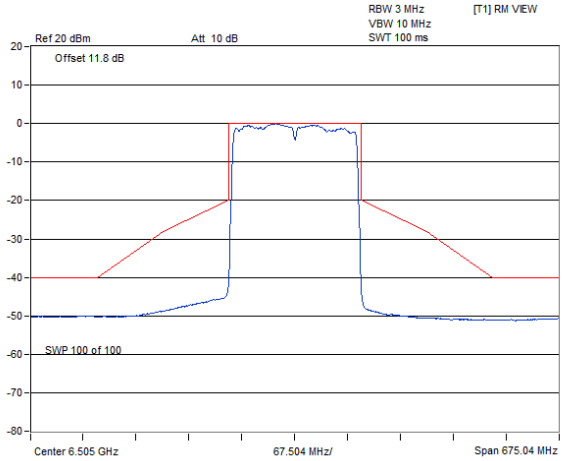
Spectrum Plot



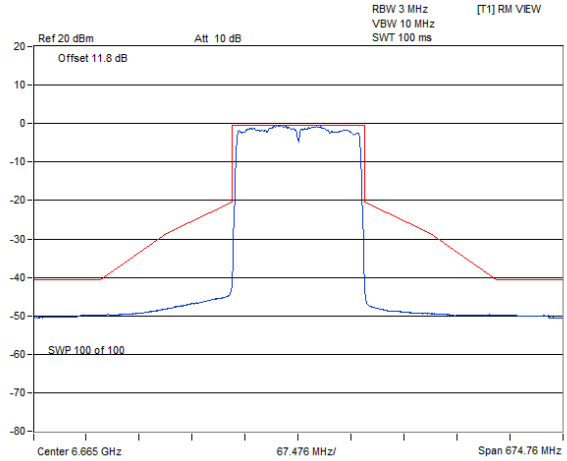
802.11ax (HE160) / Chain 1 : CH 47



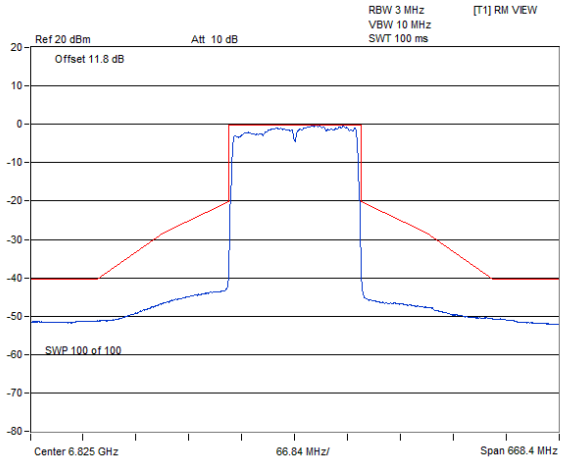
802.11ax (HE160) / Chain 1 : CH 79



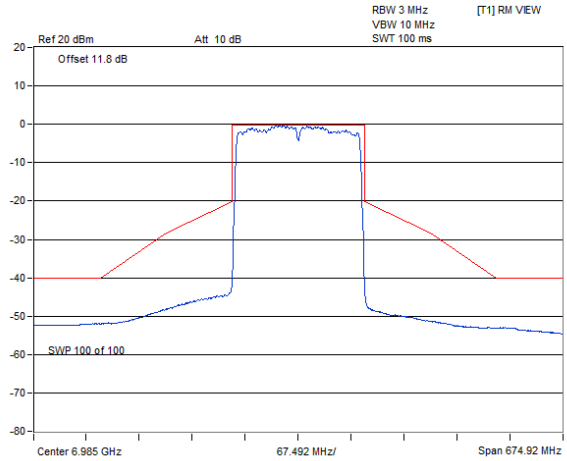
802.11ax (HE160) / Chain 1 : CH 111



802.11ax (HE160) / Chain 1 : CH 143

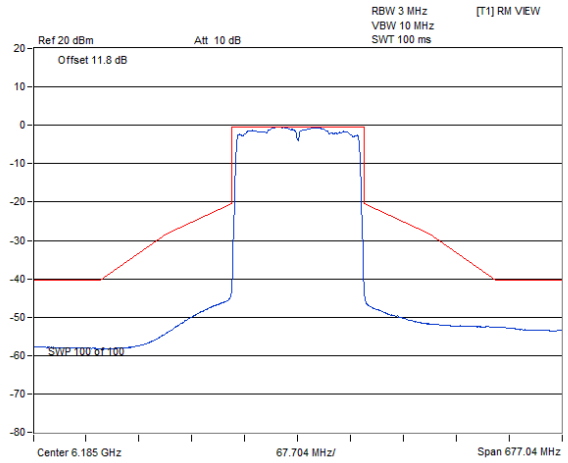


802.11ax (HE160) / Chain 1 : CH 175

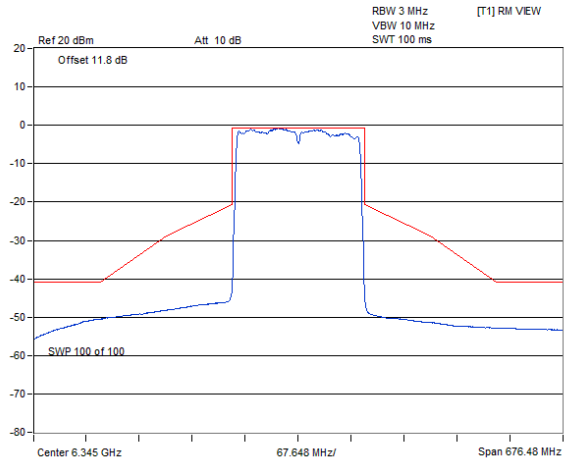


802.11ax (HE160) / Chain 1 : CH 207

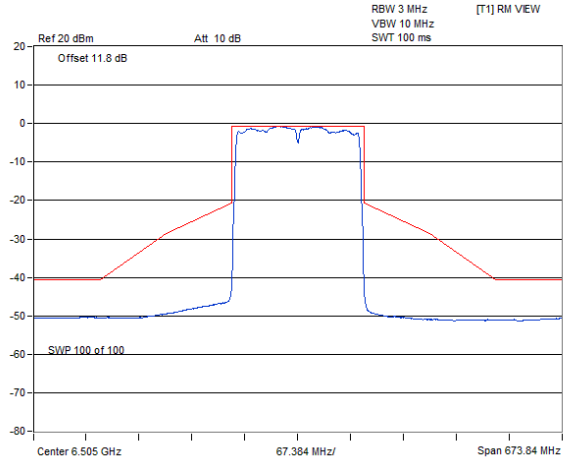
Spectrum Plot



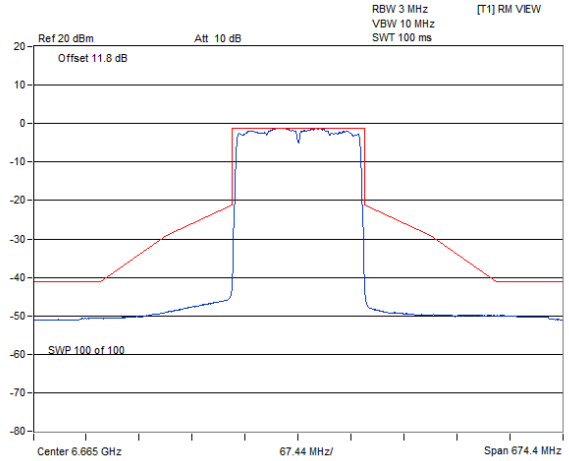
802.11ax (HE160) / Chain 2 : CH 47



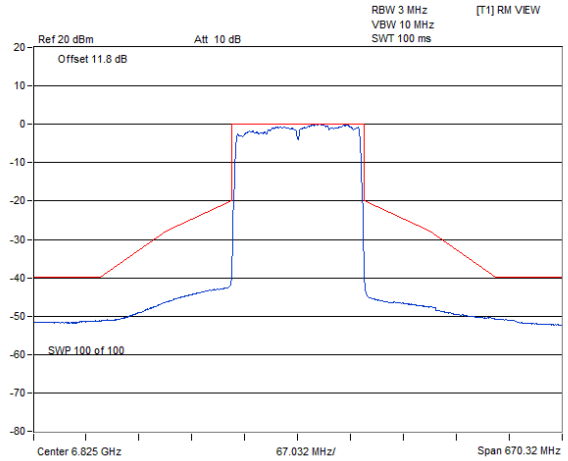
802.11ax (HE160) / Chain 2 : CH 79



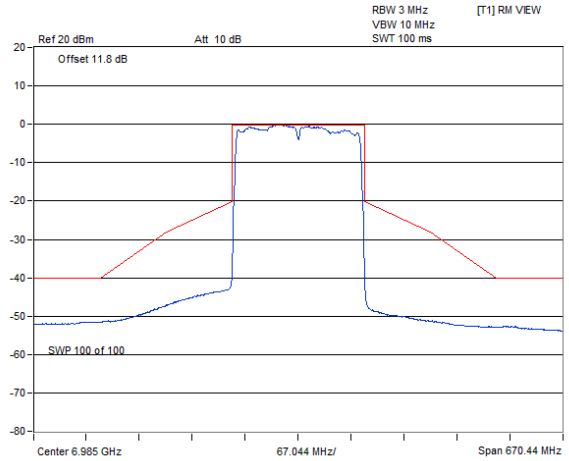
802.11ax (HE160) / Chain 2 : CH 111



802.11ax (HE160) / Chain 2 : CH 143

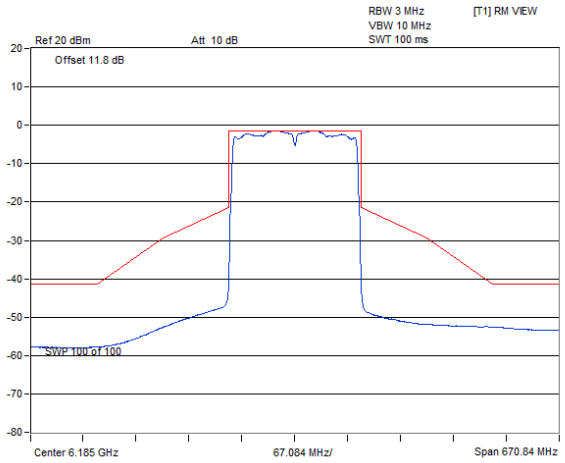


802.11ax (HE160) / Chain 2 : CH 175

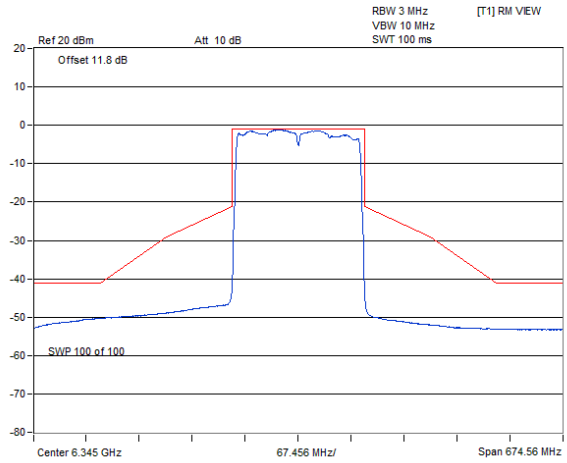


802.11ax (HE160) / Chain 2 : CH 207

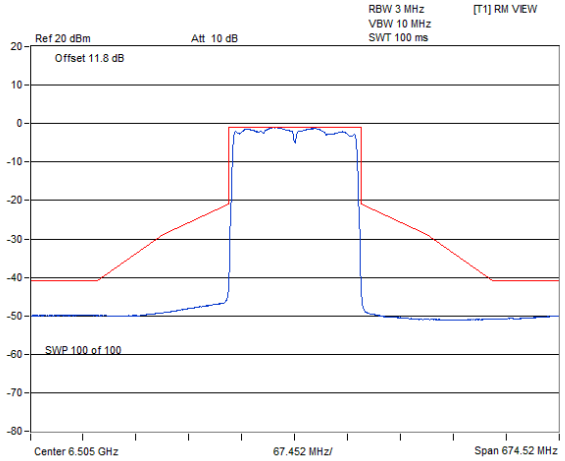
Spectrum Plot



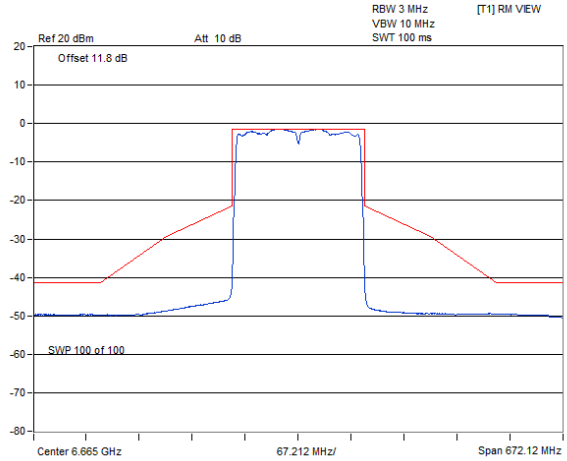
802.11ax (HE160) / Chain 3 : CH 47



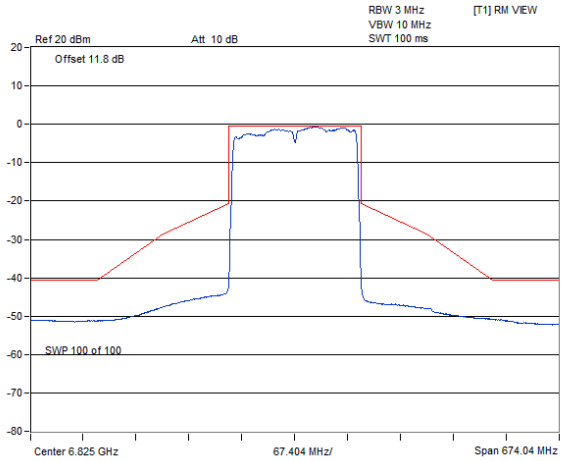
802.11ax (HE160) / Chain 3 : CH 79



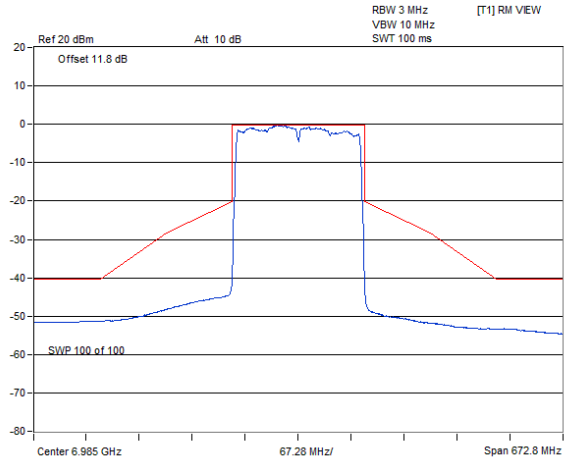
802.11ax (HE160) / Chain 3 : CH 111



802.11ax (HE160) / Chain 3 : CH 143



802.11ax (HE160) / Chain 3 : CH 175



802.11ax (HE160) / Chain 3 : CH 207

7.5 Occupied Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
33	6115	17.28	17.52	17.40	17.52	320	Pass
61	6255	17.40	17.40	17.64	17.28	320	Pass
93	6415	17.40	17.16	17.16	17.28	320	Pass
97	6435	17.40	17.28	17.16	17.28	320	Pass
105	6475	17.40	17.16	17.16	17.16	320	Pass
113	6515	17.40	17.28	17.04	17.28	320	Pass
117	6535	17.52	17.28	17.04	17.40	320	Pass
153	6715	17.28	17.52	17.40	17.40	320	Pass
181	6855	17.40	17.16	17.64	17.28	320	Pass
185	6875	17.28	17.28	17.52	17.28	320	Pass
213	7015	17.28	17.04	17.16	17.04	320	Pass
229	7095	17.52	17.16	17.16	17.04	320	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
33	6115	19.20	19.32	19.32	19.20	320	Pass
61	6255	19.32	19.32	19.20	19.32	320	Pass
93	6415	19.44	19.32	19.20	19.32	320	Pass
97	6435	19.20	19.32	19.44	19.20	320	Pass
105	6475	19.32	19.32	19.32	19.32	320	Pass
113	6515	19.32	19.32	19.32	19.44	320	Pass
117	6535	19.20	19.32	19.32	19.20	320	Pass
153	6715	19.20	19.32	19.32	19.32	320	Pass
181	6855	19.32	19.32	19.20	19.20	320	Pass
185	6875	19.20	19.32	19.20	19.20	320	Pass
213	7015	19.20	19.32	19.20	19.08	320	Pass
229	7095	19.32	19.20	19.32	19.20	320	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
35	6125	38.16	38.40	38.40	38.40	320	Pass
59	6245	38.16	38.16	38.16	38.40	320	Pass
91	6405	38.40	38.16	38.40	38.16	320	Pass
99	6445	38.16	38.16	38.16	38.16	320	Pass
107	6485	38.40	38.40	38.40	38.16	320	Pass
115	6525	38.16	38.16	37.92	38.40	320	Pass
123	6565	38.16	38.16	38.16	38.40	320	Pass
155	6725	38.40	37.92	38.40	38.40	320	Pass
179	6845	38.40	38.16	38.40	38.40	320	Pass
187	6885	38.16	38.16	38.40	38.40	320	Pass
211	7005	38.16	38.16	38.40	38.16	320	Pass
227	7085	38.16	38.16	38.16	38.16	320	Pass

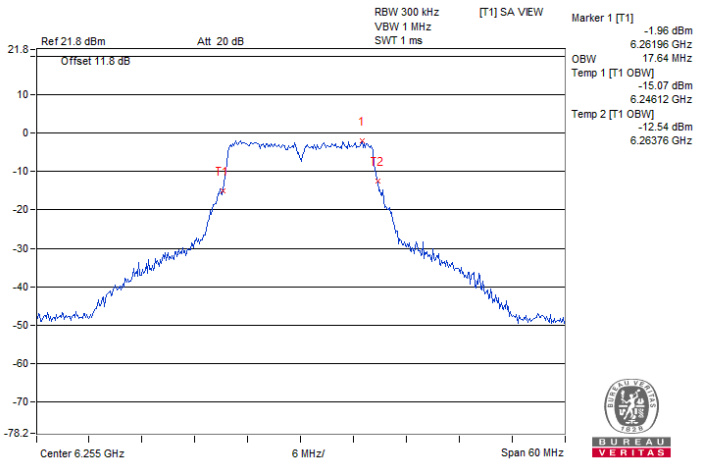
802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
39	6145	77.76	76.80	77.76	77.76	320	Pass
55	6225	77.28	77.28	77.76	77.28	320	Pass
87	6385	77.76	77.28	77.76	77.28	320	Pass
103	6465	77.28	77.76	77.28	77.28	320	Pass
119	6545	77.28	77.76	77.76	77.76	320	Pass
135	6625	77.76	77.28	77.76	77.76	320	Pass
151	6705	77.76	77.76	77.28	77.76	320	Pass
167	6785	77.76	77.76	77.76	77.76	320	Pass
183	6865	77.76	77.76	77.76	77.76	320	Pass
199	6945	77.28	78.24	77.76	77.28	320	Pass
215	7025	77.76	77.76	77.28	77.76	320	Pass

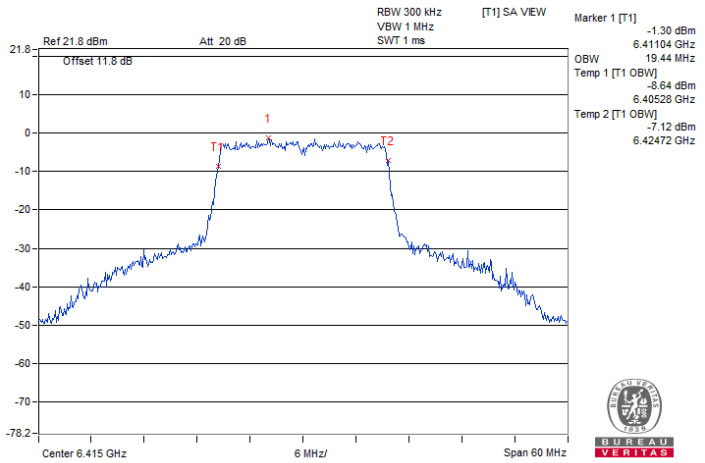
802.11ax (HE160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)				Maximum Limit (MHz)	Test Result
		Chain 0	Chain 1	Chain 2	Chain 3		
47	6185	156.48	156.48	157.44	156.48	320	Pass
79	6345	156.48	156.48	156.48	156.48	320	Pass
111	6505	156.48	157.44	156.48	156.48	320	Pass
143	6665	156.48	157.44	157.44	157.44	320	Pass
175	6825	156.48	156.48	156.48	156.48	320	Pass
207	6985	157.44	154.56	155.52	157.44	320	Pass

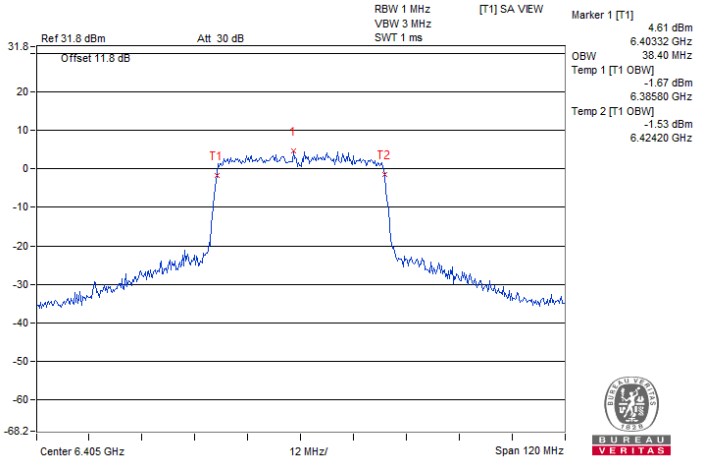
Spectrum Plot of Maximum Value



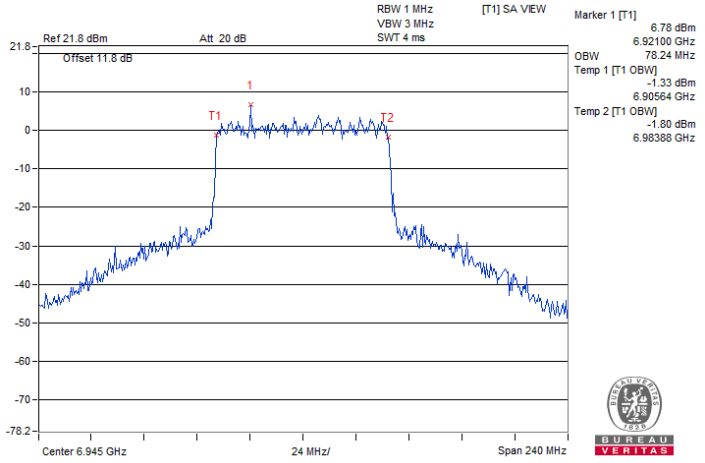
802.11a / Chain 2 : CH 61



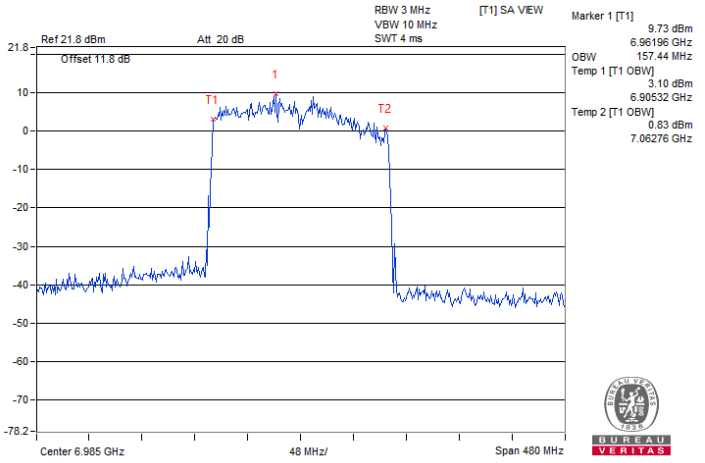
802.11ax (HE20) / Chain 0 : CH 93



802.11ax (HE40) / Chain 0 : CH 91



802.11ax (HE80) / Chain 1 : CH 199



802.11ax (HE160) / Chain 0 : CH 207

7.6 Frequency Stability

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Katina Lu

802.11a

Frequency Stability Versus Temperature									
Operating Frequency: 6115 MHz									
Temp. (℃)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
40	120	6114.996	Pass	6114.9946	Pass	6114.997	Pass	6114.9959	Pass
30	120	6114.98	Pass	6114.9812	Pass	6114.9792	Pass	6114.9791	Pass
20	120	6114.9749	Pass	6114.972	Pass	6114.9746	Pass	6114.9761	Pass
10	120	6114.9882	Pass	6114.9841	Pass	6114.9837	Pass	6114.9842	Pass
0	120	6115.0158	Pass	6115.0155	Pass	6115.0147	Pass	6115.0169	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 6115 MHz									
Temp. (℃)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
20	138	6115.0004	Pass	6115.0015	Pass	6115.0016	Pass	6115.0014	Pass
	120	6114.9882	Pass	6114.9841	Pass	6114.9837	Pass	6114.9842	Pass
	102	6114.9967	Pass	6114.9959	Pass	6114.9967	Pass	6114.9942	Pass

7.7 Contention-based Protocol (Subcontract Item)

Environmental Conditions:	25°C, 60% RH	Tested By:	Matthew Yang

For Companion Device

Companion Device Information			
Product	**Brand**	**Model No.**	**Software/Firmware Version**
Wifi6e module	INTEL	AX211	22.160.3.2

For U-NII-5

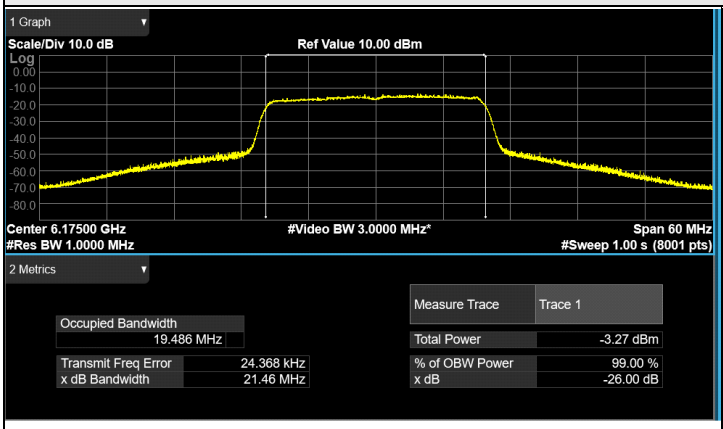
Contention Based Protocol Measurement										
Operation Mode	**Channel Bandwidth (MHz)**	**Channel Number**	**Channel Freq. (MHz)**	**Injected Signal (AWGN)**		**Antenna Gain (dBi)**	**Path Loss (dB) (Note 2)**	**Adjusted Power (dBm)**	**Detection Limit**	**EUT TX Status**
				Freq. (MHz)	**Power (dBm)**					
802.11ax	20	45	6175	6175	-60	4.7	0	-64.7	-62	OFF
					-74	4.7	0	-78.7	-62	Minimal
					-77.3	4.7	0	-82	-62	ON
	160	47	6185	6110	-59	4.7	0	-63.7	-62	OFF
					-62	4.7	0	-66.7	-62	Minimal
					-77.3	4.7	0	-82	-62	ON
				6185	-59	4.7	0	-63.7	-62	OFF
					-68	4.7	0	-72.7	-62	Minimal
					-77.3	4.7	0	-82	-62	ON
				6260	-60	4.7	0	-64.7	-62	OFF
					-63	4.7	0	-67.7	-62	Minimal
					-77.3	4.7	0	-82	-62	ON

Notes:

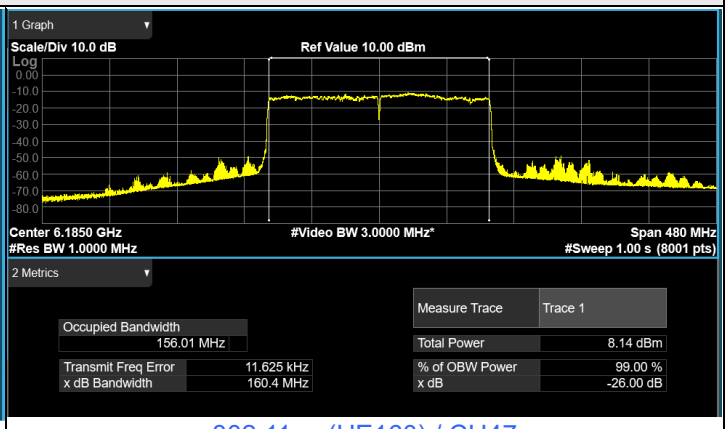
1. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
2. Antenna gain values include all the applicable path losses.
3. After evaluation, only the Chain 0 was chosen for test and presented in the test report.

Contention Based Protocol Detection Probability															
Operation Mode	**Channel Bandwidth (MHz)**	**AWGN Signal Freq. (MHz)**	**#01**	**#02**	**#03**	**#04**	**#05**	**#06**	**#07**	**#08**	**#09**	**#10**	**Detection Probability**	**Detection Limit**	**Test Result**
802.11ax	20	6175	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6110	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6185	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6260	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

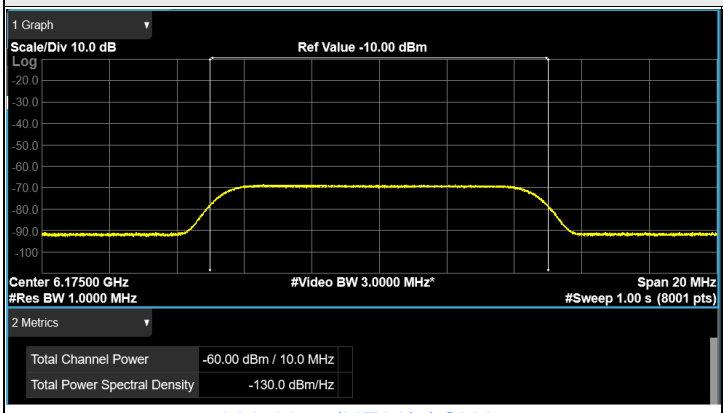


802.11ax (HE20) / CH45

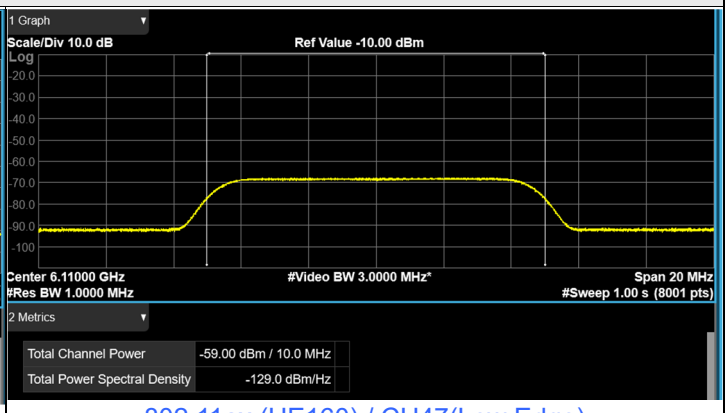


802.11ax (HE160) / CH47

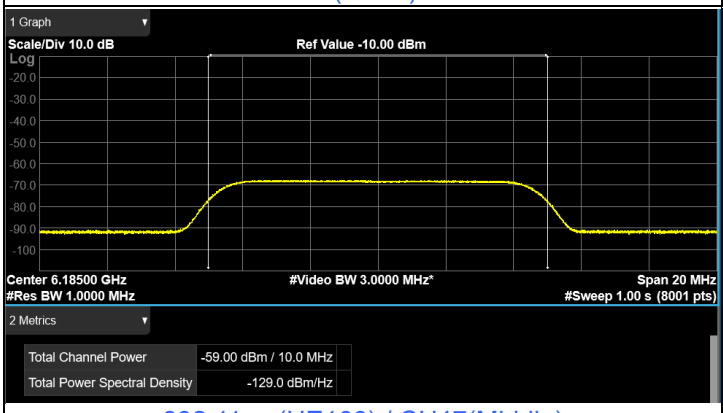
Plots of Injected signal (AWGN) level



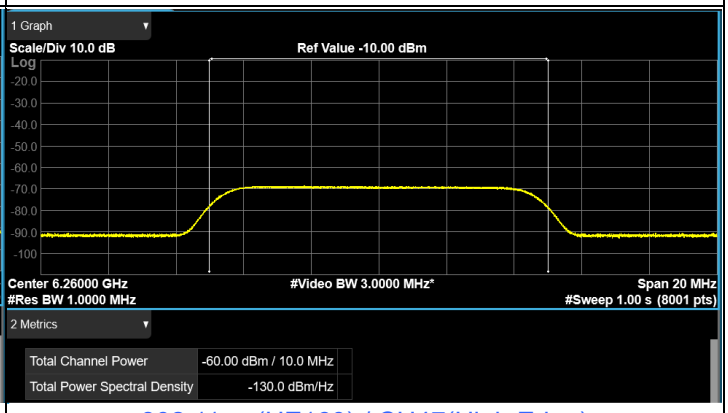
802.11ax (HE20) / CH45



802.11ax (HE160) / CH47(Low Edge)

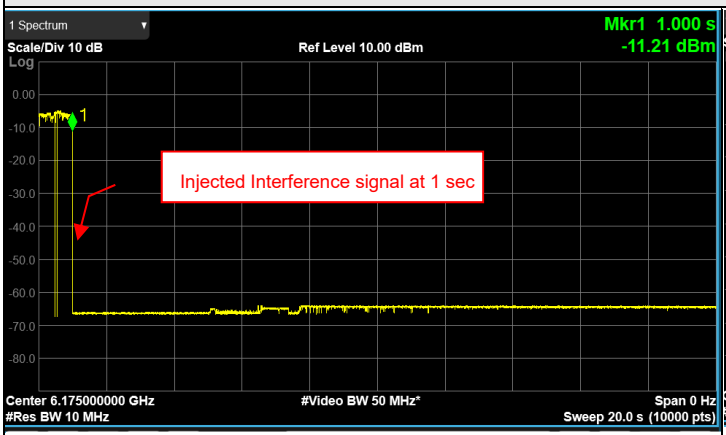


802.11ax (HE160) / CH47(Middle)

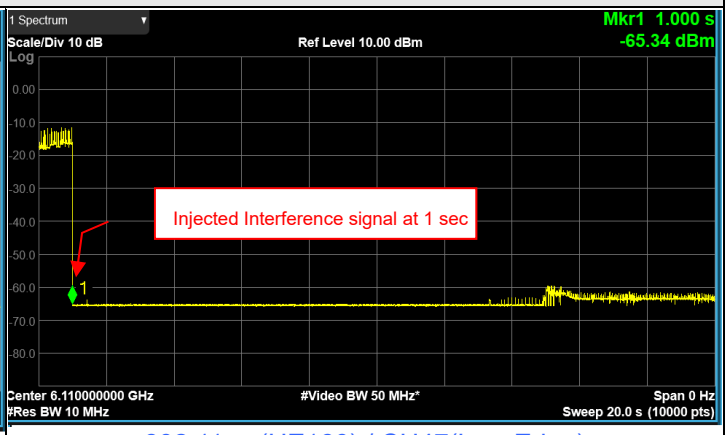


802.11ax (HE160) / CH47(High Edge)

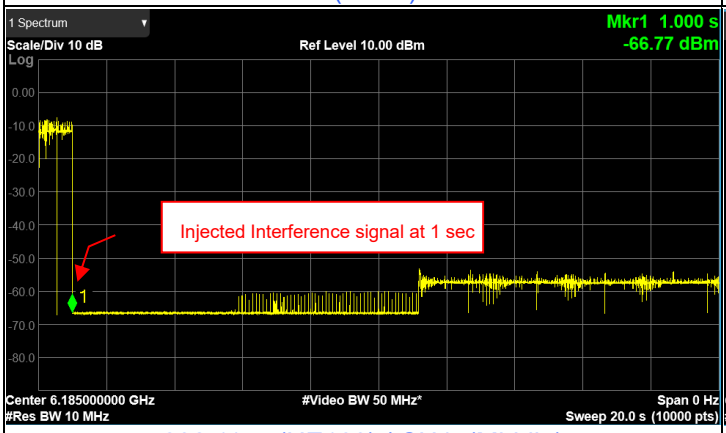
Plots of EUT ceased transmission in the time domain



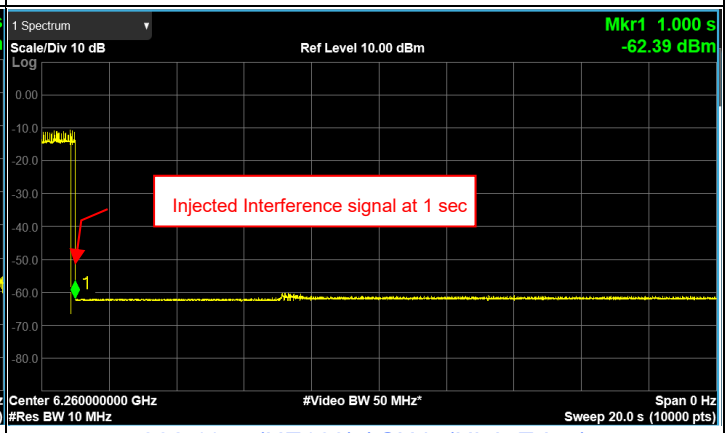
802.11ax (HE20) / CH45



802.11ax (HE160) / CH47(Low Edge)



802.11ax (HE160) / CH47(Middle)



802.11ax (HE160) / CH47(High Edge)

For U-NII-6

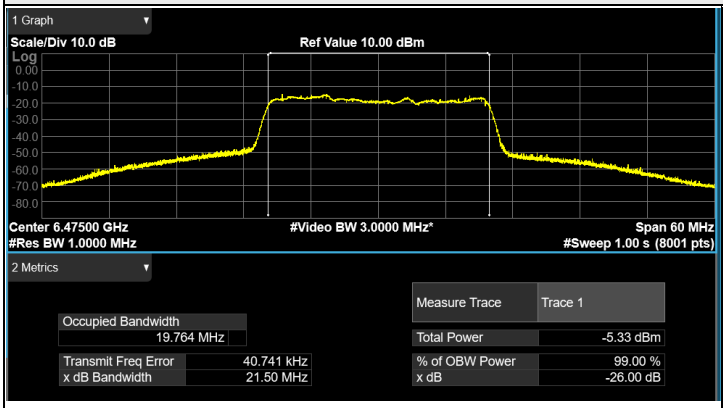
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 2)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	105	6475	6475	-60	3.7	0	-63.7	-62	OFF
					-74	3.7	0	-77.7	-62	Minimal
					-78.3	3.7	0	-82	-62	ON
	160	111	6505	6430	-59	3.7	0	-62.7	-62	OFF
					-62	3.7	0	-65.7	-62	Minimal
					-78.3	3.7	0	-82	-62	ON
				6505	-59	3.7	0	-62.7	-62	OFF
					-68	3.7	0	-71.7	-62	Minimal
					-78.3	3.7	0	-82	-62	ON
				6580	-60	3.7	0	-63.7	-62	OFF
					-63	3.7	0	-66.7	-62	Minimal
					-78.3	3.7	0	-82	-62	ON

Notes:

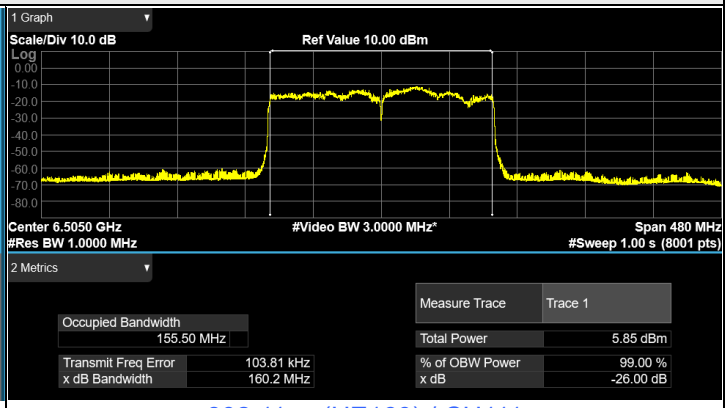
1. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
2. Antenna gain values include all the applicable path losses.
3. After evaluation, only the Chain 0 was chosen for test and presented in the test report.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6475	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6430	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6505	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6580	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

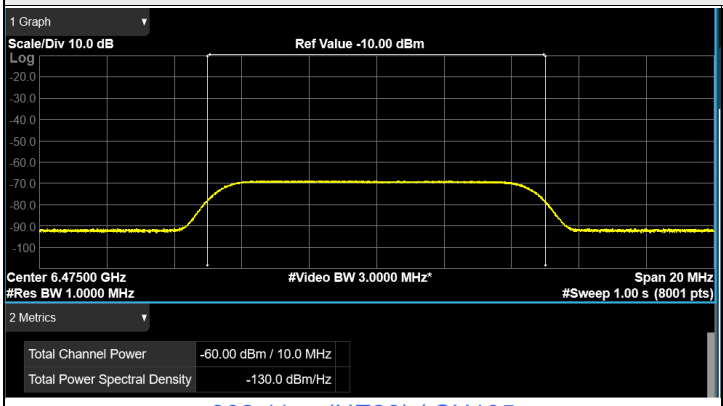


802.11ax (HE20) / CH105

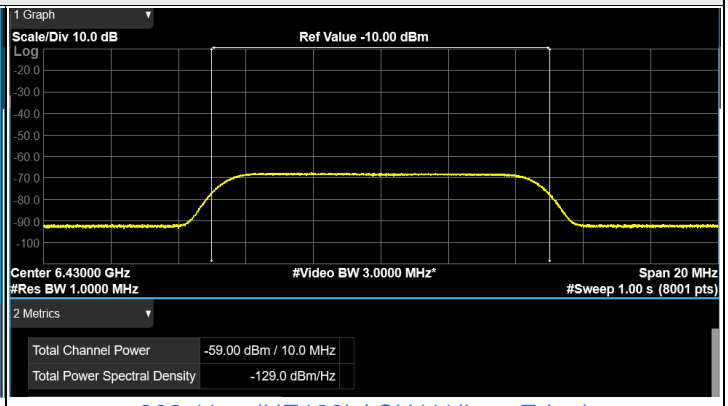


802.11ax (HE160) / CH111

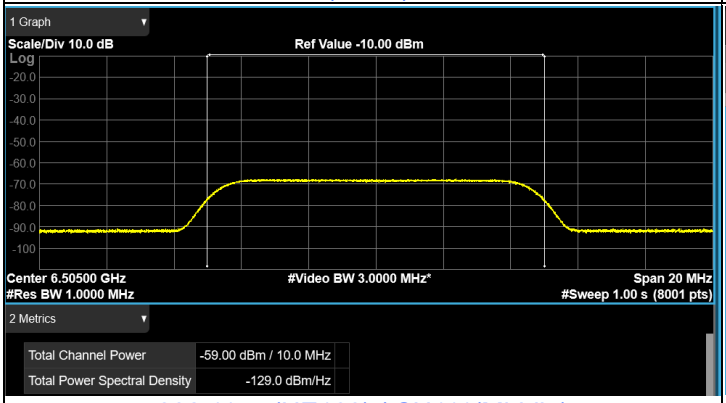
Plots of Injected signal (AWGN) level



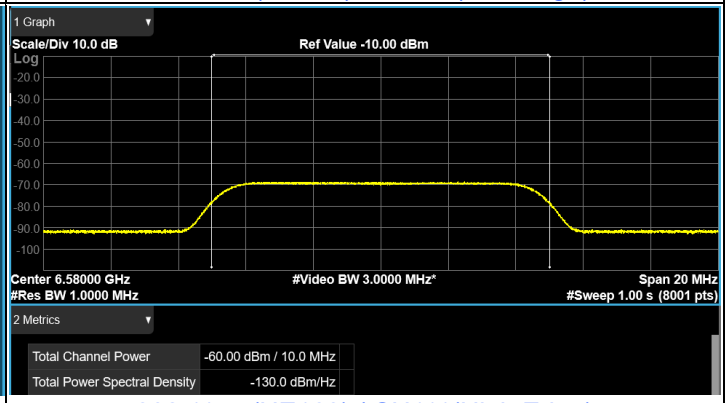
802.11ax (HE20) / CH105



802.11ax (HE160) / CH111(Low Edge)

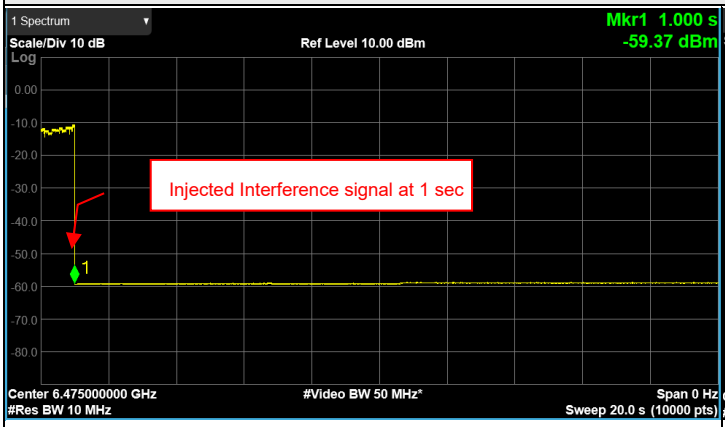


802.11ax (HE160) / CH111(Middle)

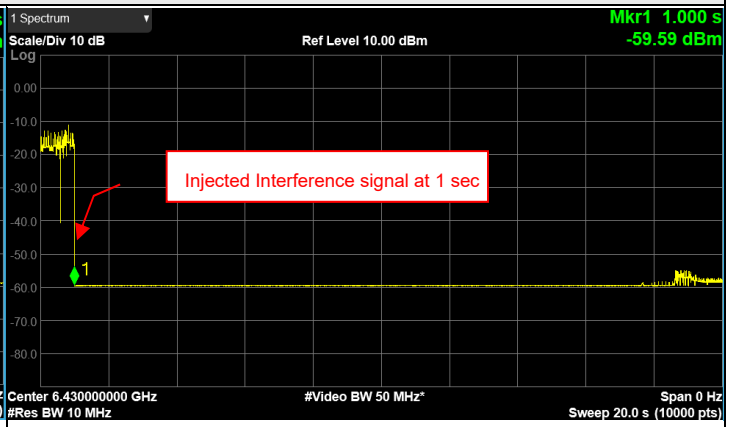


802.11ax (HE160) / CH111(High Edge)

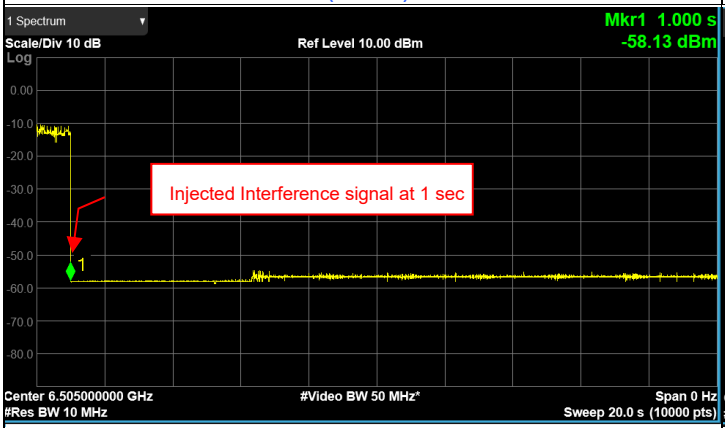
Plots of EUT ceased transmission in the time domain



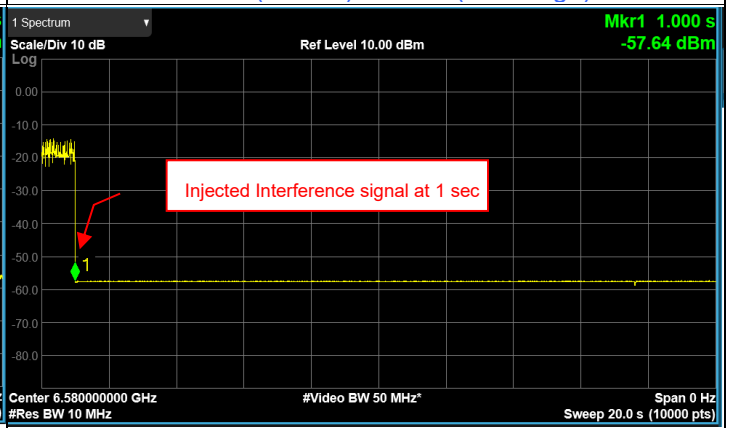
802.11ax (HE20) / CH105



802.11ax (HE160) / CH111(Low Edge)



802.11ax (HE160) / CH111(Middle)



802.11ax (HE160) / CH111(High Edge)

For U-NII-7

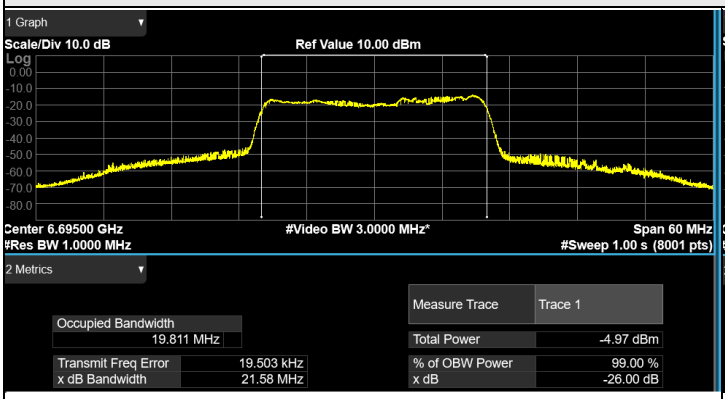
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 2)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	149	6695	6695	-60	4	0	-64	-62	OFF
					-62	4	0	-66	-62	Minimal
					-78	4	0	-82	-62	ON
	160	143	6665	6590	-59	4	0	-63	-62	OFF
					-62	4	0	-66	-62	Minimal
					-78	4	0	-82	-62	ON
				6665	-58	4	0	-62	-62	OFF
					-66	4	0	-70	-62	Minimal
					-78	4	0	-82	-62	ON
				6740	-58	4	0	-62	-62	OFF
					-61	4	0	-65	-62	Minimal
					-78	4	0	-82	-62	ON

Notes:

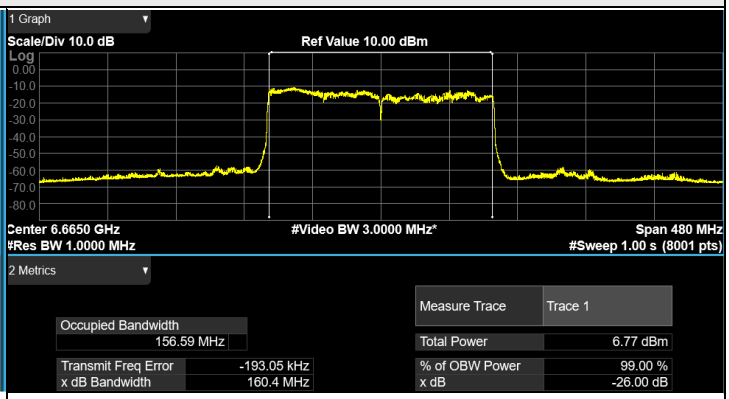
1. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
2. Antenna gain values include all the applicable path losses.
3. After evaluation, only the Chain 0 was chosen for test and presented in the test report.

Contention Based Protocol Detection Probability														
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6695	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6590	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6665	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6740	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

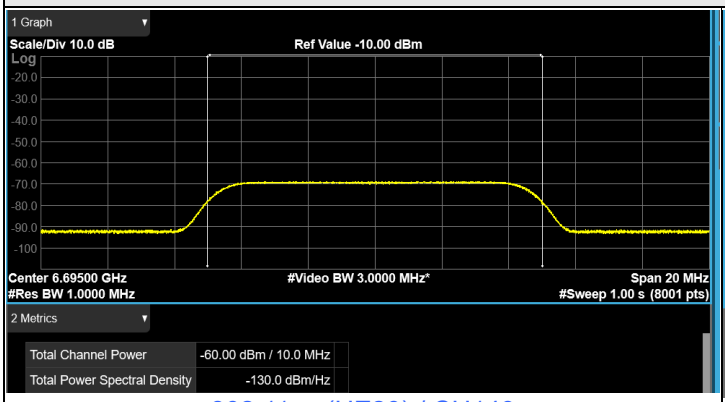


802.11ax (HE20) / CH149

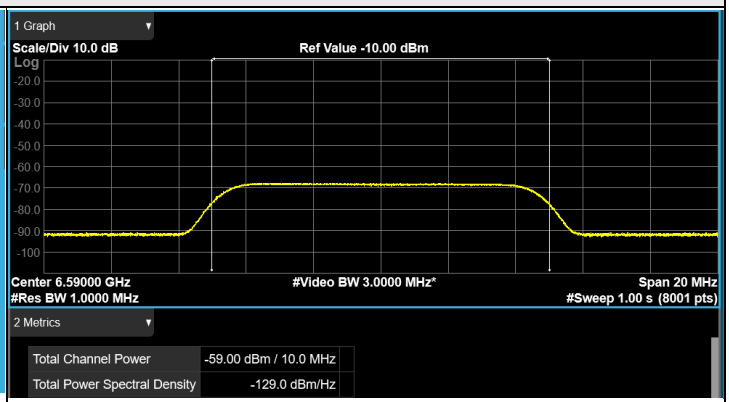


802.11ax (HE160) / CH143

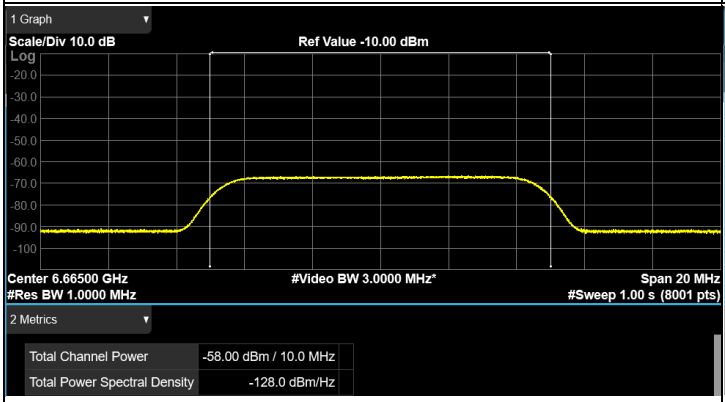
Plots of Injected signal (AWGN) level



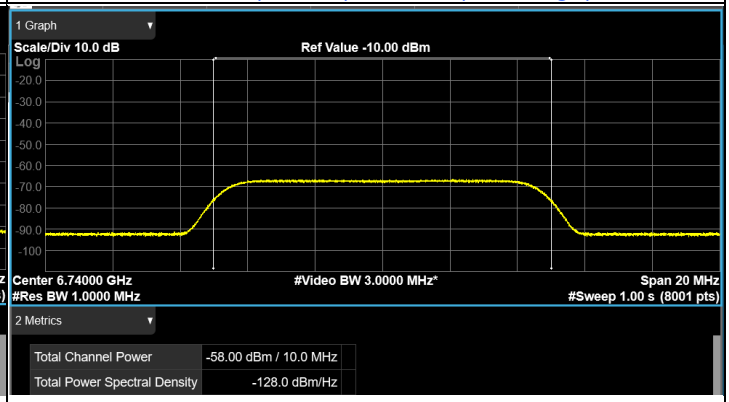
802.11ax (HE20) / CH149



802.11ax (HE160) / CH143(Low Edge)

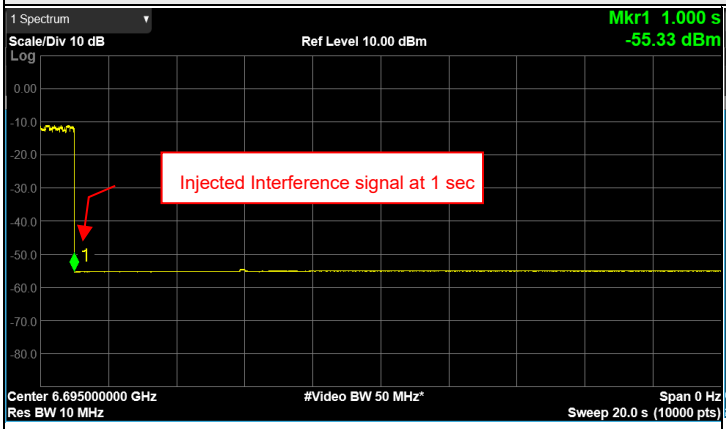


802.11ax (HE160) / CH143(Middle)

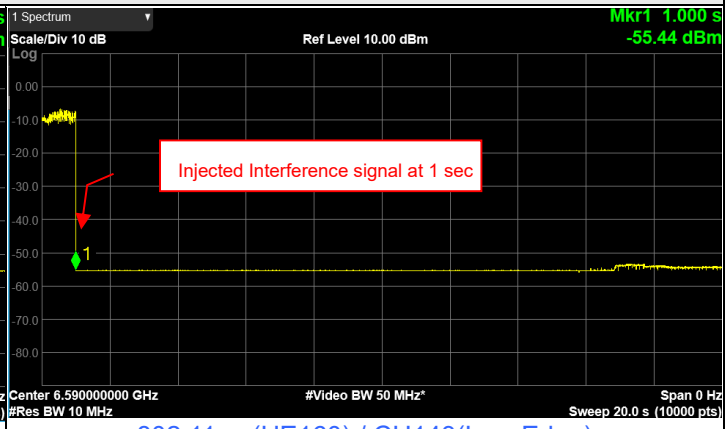


802.11ax (HE160) / CH143(High Edge)

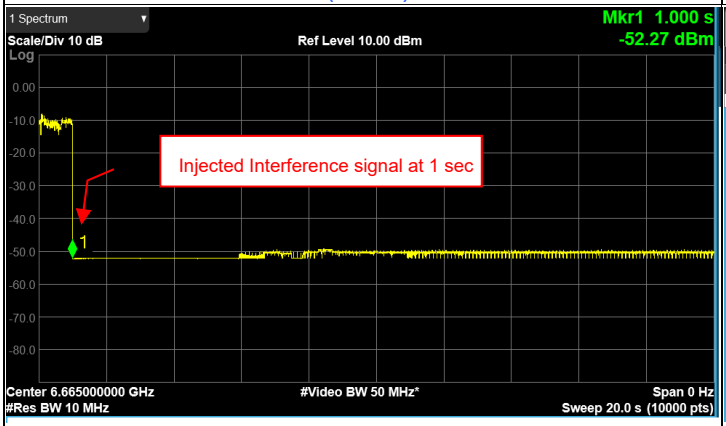
Plots of EUT ceased transmission in the time domain



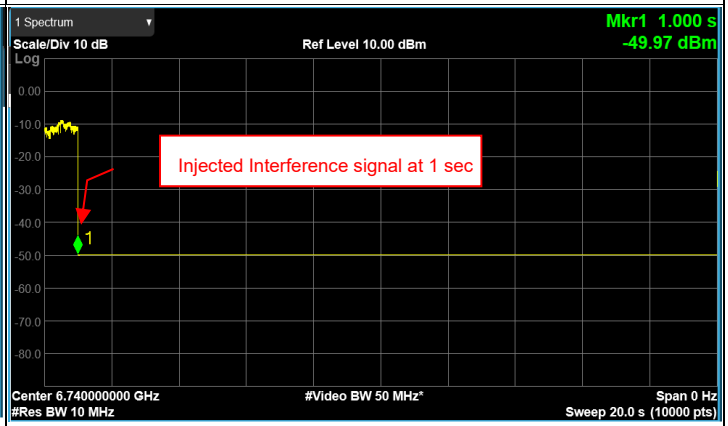
802.11ax (HE20) / CH149



802.11ax (HE160) / CH143(Low Edge)



802.11ax (HE160) / CH143(Middle)



802.11ax (HE160) / CH143(High Edge)

For U-NII-8

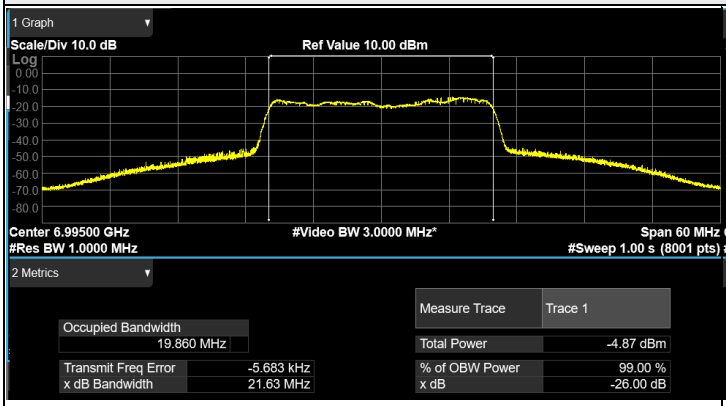
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 2)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	209	6995	6995	-62	4	0	-66	-62	OFF
					-74	4	0	-78	-62	Minimal
					-78	4	0	-82	-62	ON
	160	207	6985	6910	-61	4	0	-65	-62	OFF
					-64	4	0	-68	-62	Minimal
					-78	4	0	-82	-62	ON
				6985	-62	4	0	-66	-62	OFF
					-74	4	0	-78	-62	Minimal
					-78	4	0	-82	-62	ON
				7060	-62	4	0	-66	-62	OFF
					-65	4	0	-69	-62	Minimal
					-78	4	0	-82	-62	ON

Notes:

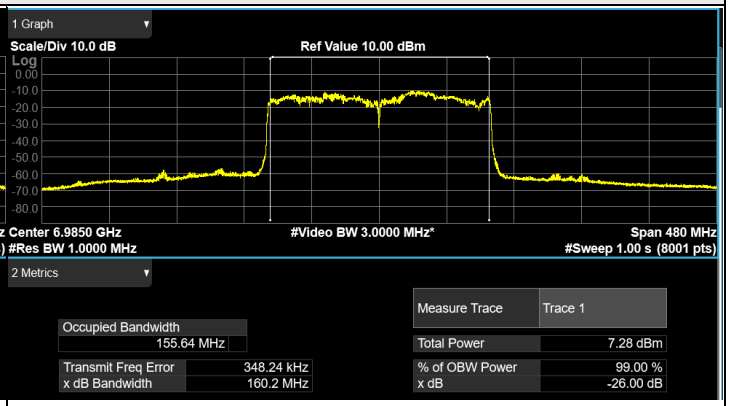
1. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
2. Antenna gain values include all the applicable path losses.
3. After evaluation, only the Chain 0 was chosen for test and presented in the test report.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6995	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6910	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6985	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		7060	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

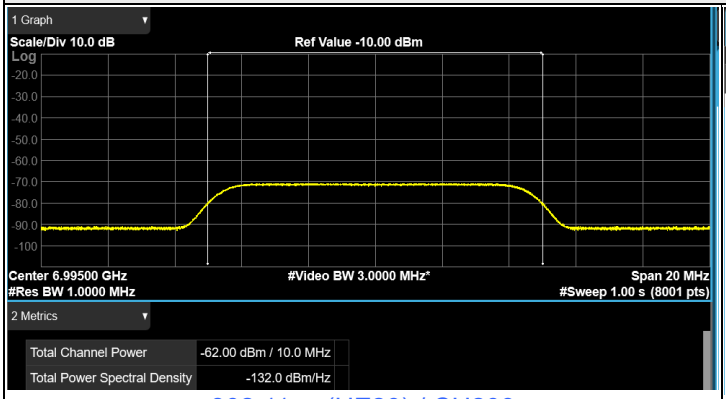


802.11ax (HE20) / CH209

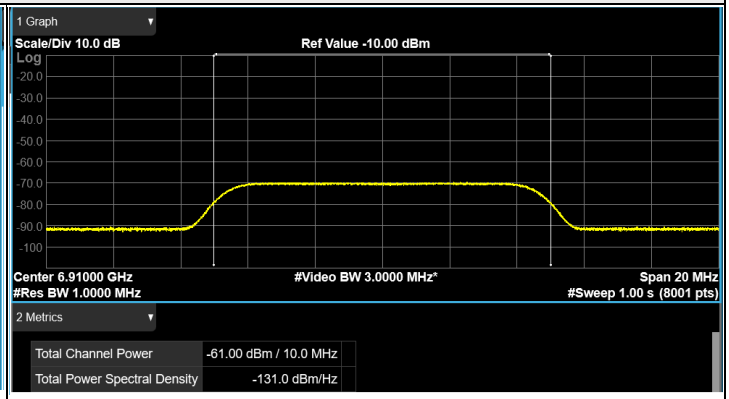


802.11ax (HE160) / CH207

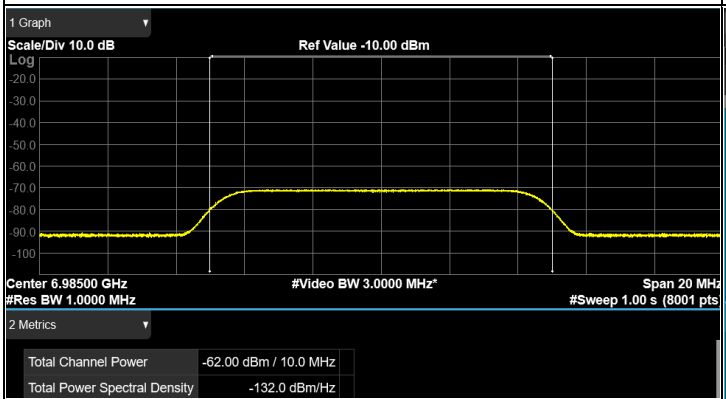
Plots of Injected signal (AWGN) level



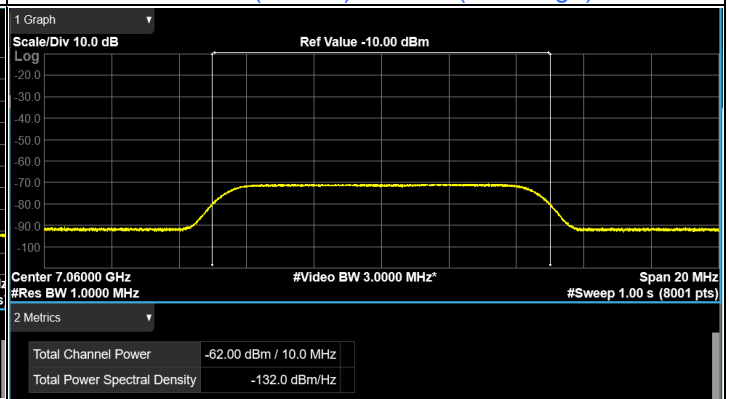
802.11ax (HE20) / CH209



802.11ax (HE160) / CH207(Low Edge)

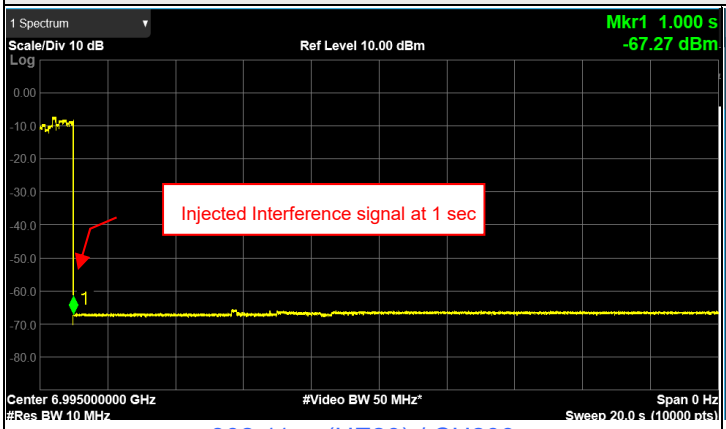


802.11ax (HE160) / CH207(Middle)

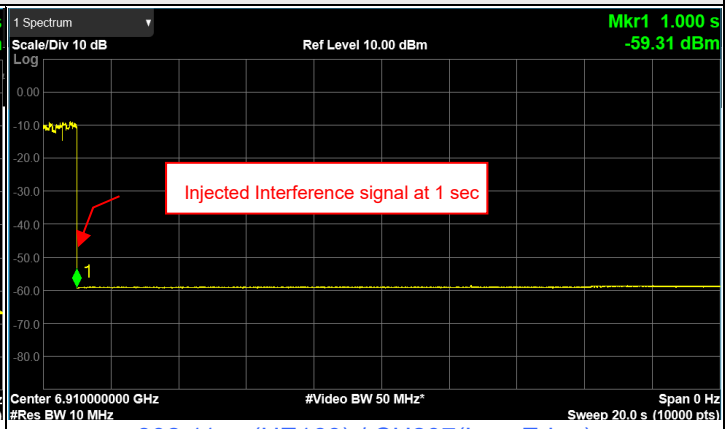


802.11ax (HE160) / CH207(High Edge)

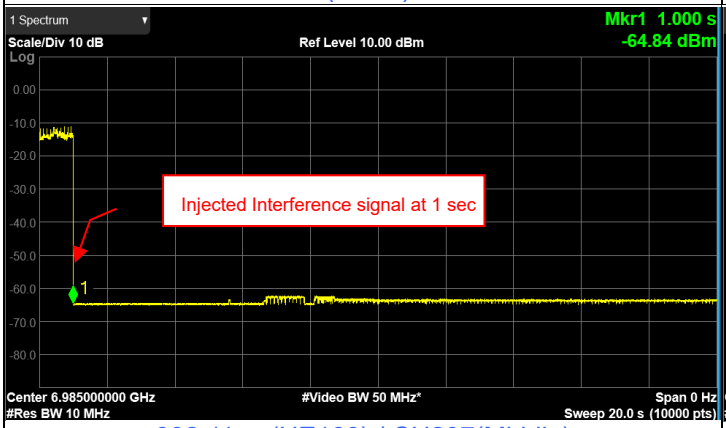
Plots of EUT ceased transmission in the time domain



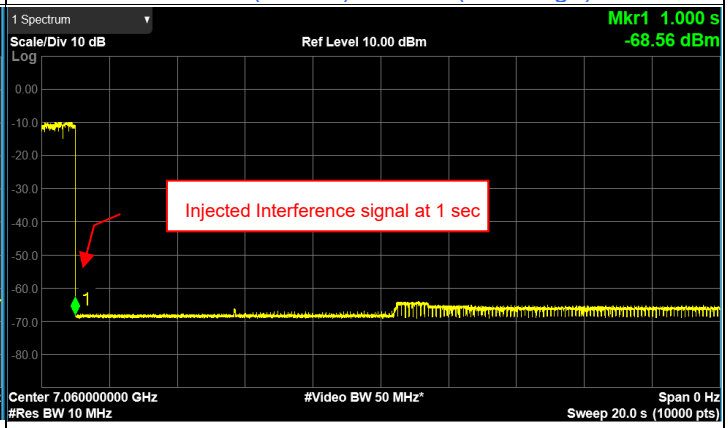
802.11ax (HE20) / CH209



802.11ax (HE160) / CH207(Low Edge)



802.11ax (HE160) / CH207(Middle)



802.11ax (HE160) / CH207(High Edge)

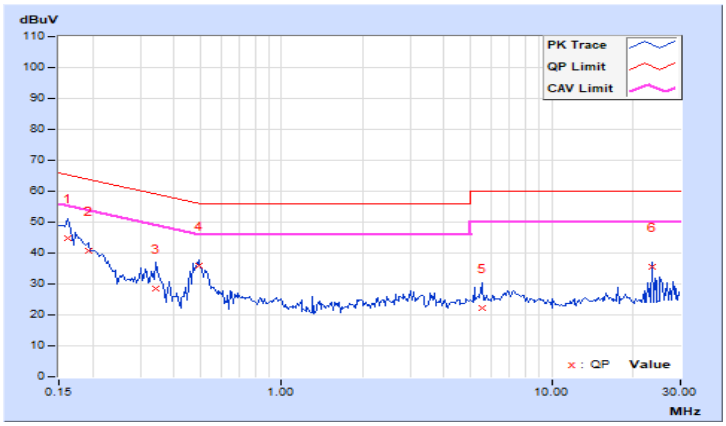
7.8 AC Power Conducted Emissions

RF Mode	802.11ax (HE160)	**Channel**	CH 207：6985 MHz
Frequency Range	150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 68% RH
Tested By	Sampson Chen		

Phase Of Power : Line (L)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	0.16172	9.95	34.97	18.23	44.92	28.18	65.38	55.38	-20.46	-27.20
2	0.19297	9.96	30.69	14.71	40.65	24.67	63.91	53.91	-23.26	-29.24
3	0.34141	9.96	18.64	5.90	28.60	15.86	59.17	49.17	-30.57	-33.31
4	0.49375	9.97	25.85	15.86	35.82	25.83	56.10	46.10	-20.28	-20.27
5	5.50391	10.30	11.80	5.30	22.10	15.60	60.00	50.00	-37.90	-34.40
6	23.58594	11.26	24.12	18.12	35.38	29.38	60.00	50.00	-24.62	-20.62

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

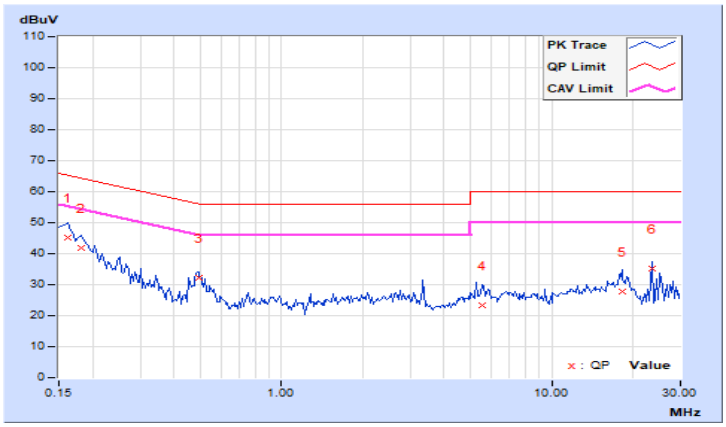


RF Mode	802.11ax (HE160)	**Channel**	CH 207：6985 MHz
Frequency Range	150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 68% RH
Tested By	Sampson Chen		

Phase Of Power : Neutral (N)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	0.16172	9.95	35.25	18.24	45.20	28.19	65.38	55.38	-20.18	-27.19
2	0.18125	9.96	31.93	14.93	41.89	24.89	64.43	54.43	-22.54	-29.54
3	0.49375	9.97	22.21	12.63	32.18	22.60	56.10	46.10	-23.92	-23.50
4	5.55469	10.27	13.14	6.45	23.41	16.72	60.00	50.00	-36.59	-33.28
5	18.19922	10.90	16.90	11.28	27.80	22.18	60.00	50.00	-32.20	-27.82
6	**23.58203**	**11.00**	**24.35**	**22.35**	**35.35**	**33.35**	**60.00**	**50.00**	**-24.65**	**-16.65**

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



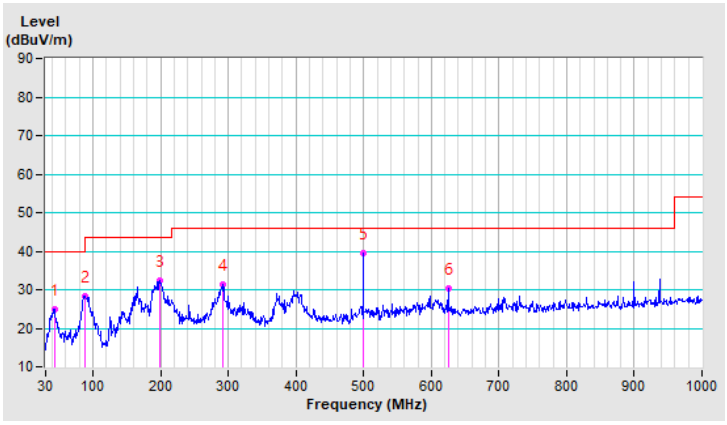
7.9 Unwanted Emissions below 1 GHz

RF Mode	802.11ax (HE160)	**Channel**	CH 207：6985 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 68% RH
Tested By	Nick		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	43.82	25.0 QP	40.0	-15.0	3.00 H	105	37.7	-12.7
2	87.43	28.4 QP	40.0	-11.6	3.00 H	296	46.8	-18.4
3	198.40	32.3 QP	43.5	-11.2	1.00 H	118	48.4	-16.1
4	291.04	31.3 QP	46.0	-14.7	1.00 H	360	43.7	-12.4
5	499.99	39.5 QP	46.0	-6.5	1.50 H	190	46.9	-7.4
6	624.98	30.4 QP	46.0	-15.6	3.00 H	1	35.1	-4.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

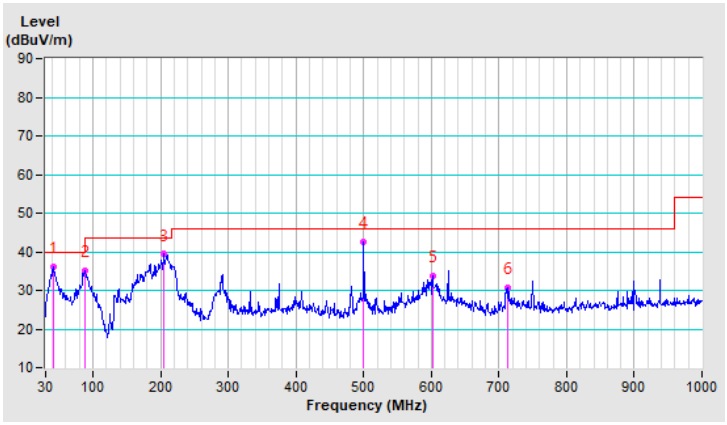


RF Mode	802.11ax (HE160)	**Channel**	CH 207：6985 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 68% RH
Tested By	Nick		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	40.86	36.2 QP	40.0	-3.8	1.00 V	146	48.9	-12.7
2	87.52	35.2 QP	40.0	-4.8	1.00 V	196	53.6	-18.4
3	204.61	39.4 QP	43.5	-4.1	1.50 V	360	55.6	-16.2
4	**499.99**	**42.7 QP**	**46.0**	**-3.3**	**1.00 V**	**235**	**50.1**	**-7.4**
5	601.55	33.8 QP	46.0	-12.2	1.50 V	202	38.6	-4.8
6	713.50	30.8 QP	46.0	-15.2	1.50 V	241	34.2	-3.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



7.10 Unwanted Emissions above 1 GHz

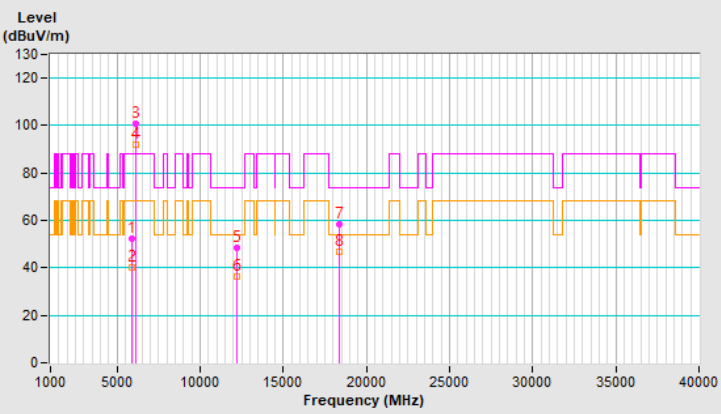
CDD Mode

RF Mode	802.11a	Channel	CH 33：6115 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5918.00	52.1 PK	88.2	-36.1	2.46 H	147	46.6	5.5
2	#5918.00	40.3 AV	68.2	-27.9	2.46 H	147	34.8	5.5
3	*6115.00	100.8 PK			2.46 H	147	95.0	5.8
4	*6115.00	91.9 AV			2.46 H	147	86.1	5.8
5	12230.00	48.3 PK	74.0	-25.7	1.72 H	176	33.7	14.6
6	12230.00	36.4 AV	54.0	-17.6	1.72 H	176	21.8	14.6
7	18345.00	58.6 PK	74.0	-15.4	2.53 H	143	65.2	-6.6
8	18345.00	46.6 AV	54.0	-7.4	2.53 H	143	53.2	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

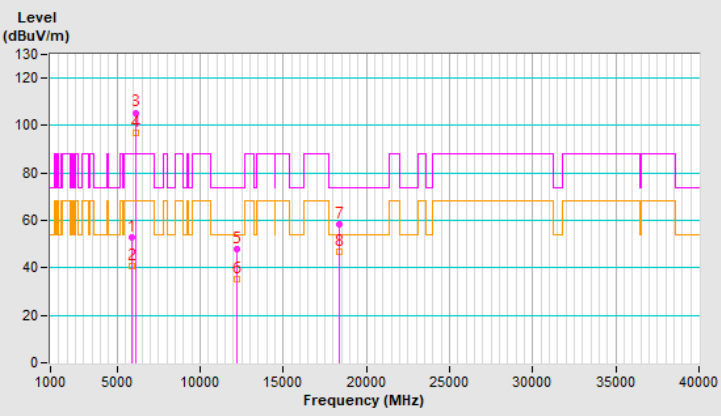


RF Mode	802.11a	Channel	CH 33：6115 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5918.00	53.0 PK	88.2	-35.2	1.99 V	99	47.5	5.5
2	#5918.00	40.6 AV	68.2	-27.6	1.99 V	99	35.1	5.5
3	*6115.00	105.5 PK			1.99 V	99	99.7	5.8
4	*6115.00	96.8 AV			1.99 V	99	91.0	5.8
5	12230.00	47.8 PK	74.0	-26.2	2.38 V	160	33.2	14.6
6	12230.00	35.3 AV	54.0	-18.7	2.38 V	160	20.7	14.6
7	18345.00	58.5 PK	74.0	-15.5	1.54 V	225	65.1	-6.6
8	18345.00	46.9 AV	54.0	-7.1	1.54 V	225	53.5	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

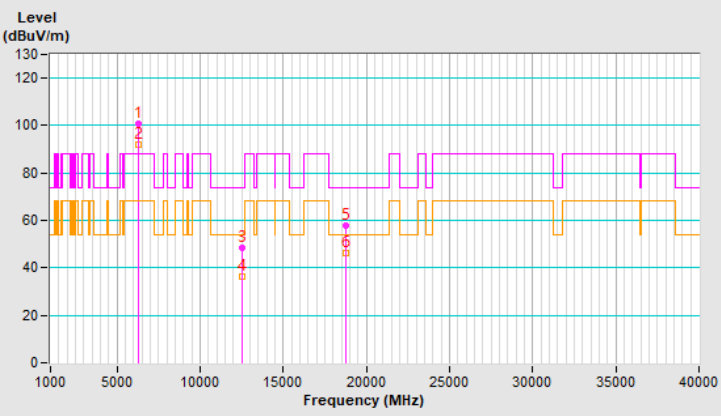


RF Mode	802.11a	Channel	CH 61：6255 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6255.00	101.0 PK			2.52 H	143	94.7	6.3
2	*6255.00	92.2 AV			2.52 H	143	85.9	6.3
3	12510.00	48.4 PK	74.0	-25.6	1.76 H	166	34.7	13.7
4	12510.00	36.2 AV	54.0	-17.8	1.76 H	166	22.5	13.7
5	18765.00	57.9 PK	74.0	-16.1	2.50 H	152	64.6	-6.7
6	18765.00	46.2 AV	54.0	-7.8	2.50 H	152	52.9	-6.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

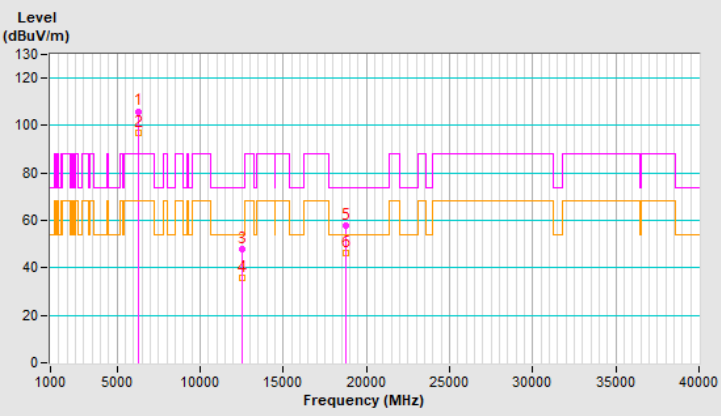


RF Mode	802.11a	Channel	CH 61：6255 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6255.00	106.0 PK			1.99 V	99	99.7	6.3
2	*6255.00	96.9 AV			1.99 V	99	90.6	6.3
3	12510.00	48.0 PK	74.0	-26.0	2.27 V	153	34.3	13.7
4	12510.00	35.6 AV	54.0	-18.4	2.27 V	153	21.9	13.7
5	18765.00	57.8 PK	74.0	-16.2	1.50 V	219	64.5	-6.7
6	18765.00	46.3 AV	54.0	-7.7	1.50 V	219	53.0	-6.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

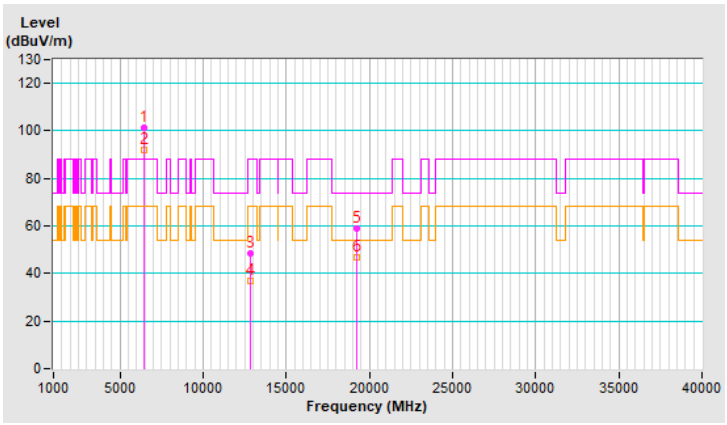


RF Mode	802.11a	Channel	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	101.3 PK			2.52 H	136	94.3	7.0
2	*6415.00	92.1 AV			2.52 H	136	85.1	7.0
3	#12830.00	48.5 PK	88.2	-39.7	1.69 H	174	33.6	14.9
4	#12830.00	36.7 AV	68.2	-31.5	1.69 H	174	21.8	14.9
5	19245.00	58.8 PK	74.0	-15.2	2.48 H	137	65.2	-6.4
6	19245.00	46.8 AV	54.0	-7.2	2.48 H	137	53.2	-6.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

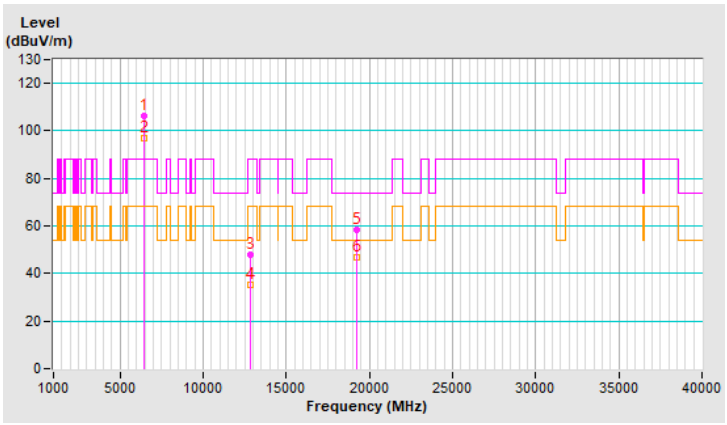


RF Mode	802.11a	Channel	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	106.5 PK			2.35 V	101	99.5	7.0
2	*6415.00	97.0 AV			2.35 V	101	90.0	7.0
3	#12830.00	48.1 PK	88.2	-40.1	2.36 V	154	33.2	14.9
4	#12830.00	35.4 AV	68.2	-32.8	2.36 V	154	20.5	14.9
5	19245.00	58.5 PK	74.0	-15.5	1.58 V	209	64.9	-6.4
6	19245.00	46.6 AV	54.0	-7.4	1.58 V	209	53.0	-6.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

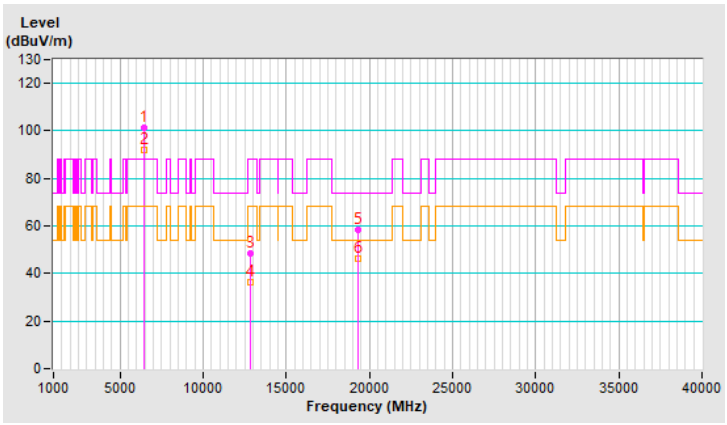


RF Mode	802.11a	Channel	CH 97：6435 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6435.00	101.2 PK			2.41 H	135	94.0	7.2
2	*6435.00	92.2 AV			2.41 H	135	85.0	7.2
3	#12870.00	48.4 PK	88.2	-39.8	1.68 H	176	33.4	15.0
4	#12870.00	36.4 AV	68.2	-31.8	1.68 H	176	21.4	15.0
5	19305.00	58.4 PK	74.0	-15.6	2.57 H	152	65.0	-6.6
6	19305.00	46.3 AV	54.0	-7.7	2.57 H	152	52.9	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

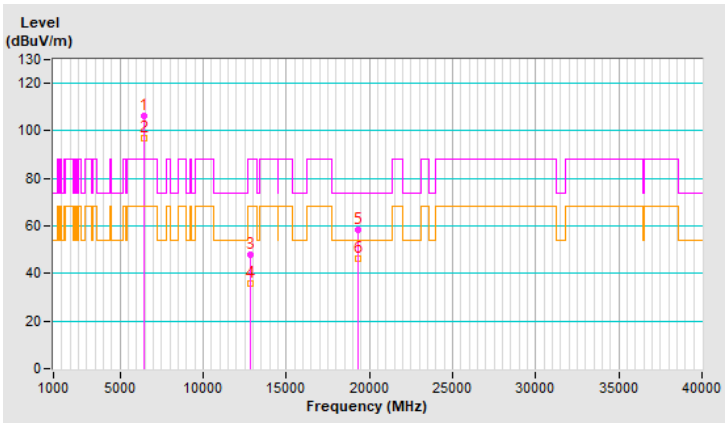


RF Mode	802.11a	Channel	CH 97：6435 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6435.00	106.2 PK			2.43 V	102	99.0	7.2
2	*6435.00	96.9 AV			2.43 V	102	89.7	7.2
3	#12870.00	48.0 PK	88.2	-40.2	2.30 V	161	33.0	15.0
4	#12870.00	35.6 AV	68.2	-32.6	2.30 V	161	20.6	15.0
5	19305.00	58.3 PK	74.0	-15.7	1.50 V	226	64.9	-6.6
6	19305.00	46.4 AV	54.0	-7.6	1.50 V	226	53.0	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

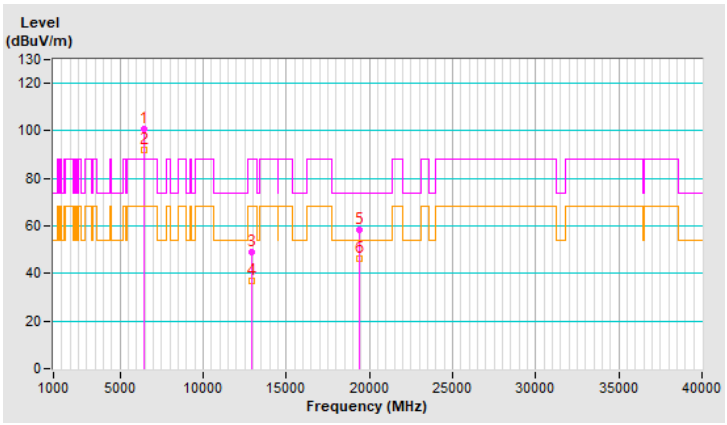


RF Mode	802.11a	Channel	CH 105：6475 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6475.00	100.9 PK			2.50 H	161	93.4	7.5
2	*6475.00	92.1 AV			2.50 H	161	84.6	7.5
3	#12950.00	48.9 PK	88.2	-39.3	1.73 H	187	33.9	15.0
4	#12950.00	36.8 AV	68.2	-31.4	1.73 H	187	21.8	15.0
5	19425.00	58.3 PK	74.0	-15.7	2.51 H	129	64.7	-6.4
6	19425.00	46.5 AV	54.0	-7.5	2.51 H	129	52.9	-6.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

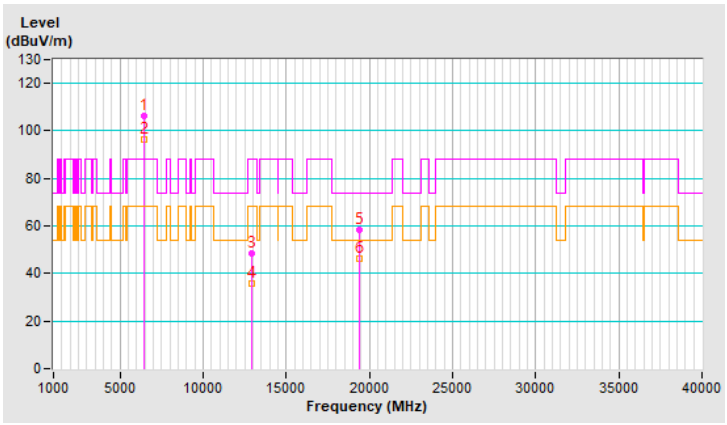


RF Mode	802.11a	Channel	CH 105：6475 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6475.00	106.1 PK			2.38 V	100	98.6	7.5
2	*6475.00	96.6 AV			2.38 V	100	89.1	7.5
3	#12950.00	48.2 PK	88.2	-40.0	2.36 V	156	33.2	15.0
4	#12950.00	35.6 AV	68.2	-32.6	2.36 V	156	20.6	15.0
5	19425.00	58.2 PK	74.0	-15.8	1.60 V	221	64.6	-6.4
6	19425.00	46.2 AV	54.0	-7.8	1.60 V	221	52.6	-6.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

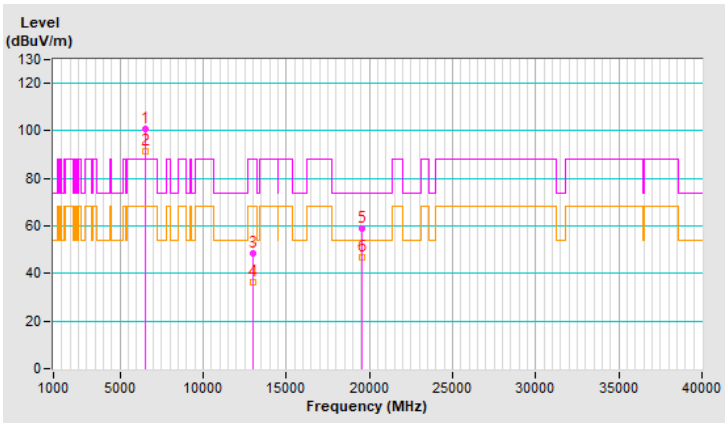


RF Mode	802.11a	Channel	CH 113：6515 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6515.00	100.6 PK			2.48 H	158	92.8	7.8
2	*6515.00	91.6 AV			2.48 H	158	83.8	7.8
3	#13030.00	48.2 PK	88.2	-40.0	1.67 H	176	33.1	15.1
4	#13030.00	36.4 AV	68.2	-31.8	1.67 H	176	21.3	15.1
5	19545.00	58.7 PK	74.0	-15.3	2.48 H	152	64.9	-6.2
6	19545.00	46.6 AV	54.0	-7.4	2.48 H	152	52.8	-6.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

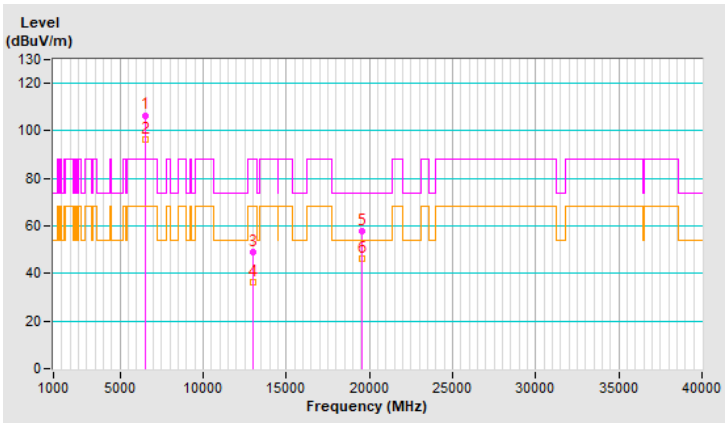


RF Mode	802.11a	Channel	CH 113：6515 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6515.00	106.6 PK			2.41 V	100	98.8	7.8
2	*6515.00	96.6 AV			2.41 V	100	88.8	7.8
3	#13030.00	48.9 PK	88.2	-39.3	2.35 V	151	33.8	15.1
4	#13030.00	36.1 AV	68.2	-32.1	2.35 V	151	21.0	15.1
5	19545.00	58.0 PK	74.0	-16.0	1.55 V	224	64.2	-6.2
6	19545.00	46.2 AV	54.0	-7.8	1.55 V	224	52.4	-6.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

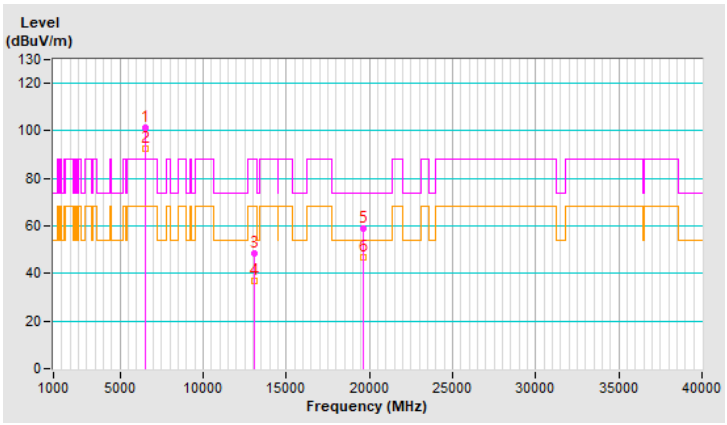


RF Mode	802.11a	Channel	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6535.00	101.2 PK			2.46 H	153	93.3	7.9
2	*6535.00	92.3 AV			2.46 H	153	84.4	7.9
3	#13070.00	48.4 PK	88.2	-39.8	1.78 H	181	33.3	15.1
4	#13070.00	36.7 AV	68.2	-31.5	1.78 H	181	21.6	15.1
5	19605.00	59.0 PK	74.0	-15.0	2.51 H	133	65.0	-6.0
6	19605.00	47.0 AV	54.0	-7.0	2.51 H	133	53.0	-6.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

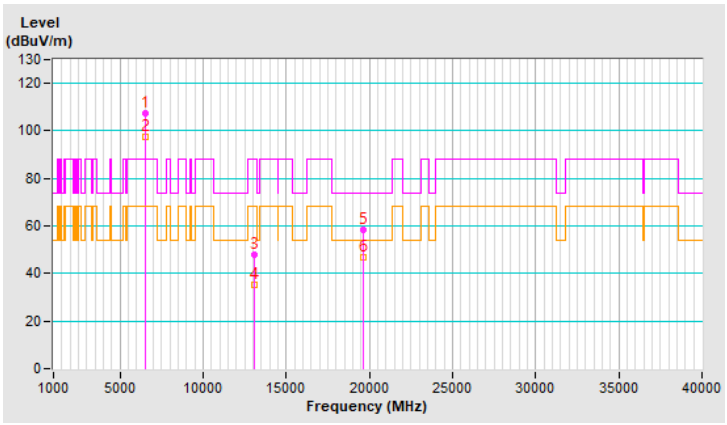


RF Mode	802.11a	Channel	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6535.00	107.2 PK			2.42 V	235	99.3	7.9
2	*6535.00	97.2 AV			2.42 V	235	89.3	7.9
3	#13070.00	48.0 PK	88.2	-40.2	2.28 V	140	32.9	15.1
4	#13070.00	35.3 AV	68.2	-32.9	2.28 V	140	20.2	15.1
5	19605.00	58.5 PK	74.0	-15.5	1.52 V	202	64.5	-6.0
6	19605.00	46.6 AV	54.0	-7.4	1.52 V	202	52.6	-6.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

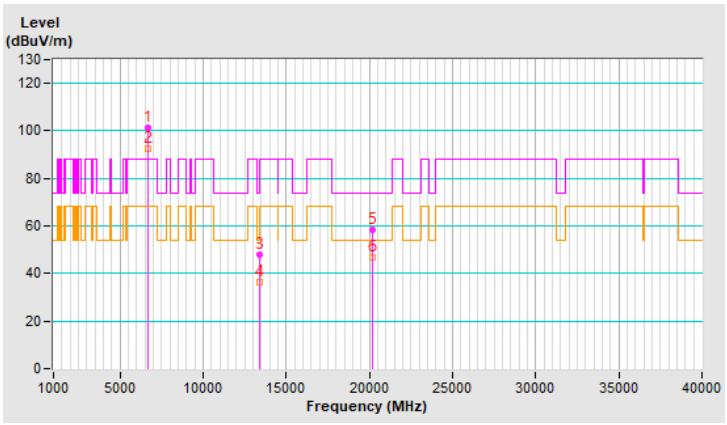


RF Mode	802.11a	Channel	CH 153：6715 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6715.00	101.2 PK			2.42 H	154	93.3	7.9
2	*6715.00	92.4 AV			2.42 H	154	84.5	7.9
3	#13430.00	48.1 PK	88.2	-40.1	1.75 H	192	31.9	16.2
4	#13430.00	36.1 AV	68.2	-32.1	1.75 H	192	19.9	16.2
5	20145.00	58.6 PK	74.0	-15.4	2.55 H	143	64.0	-5.4
6	20145.00	46.9 AV	54.0	-7.1	2.55 H	143	52.3	-5.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

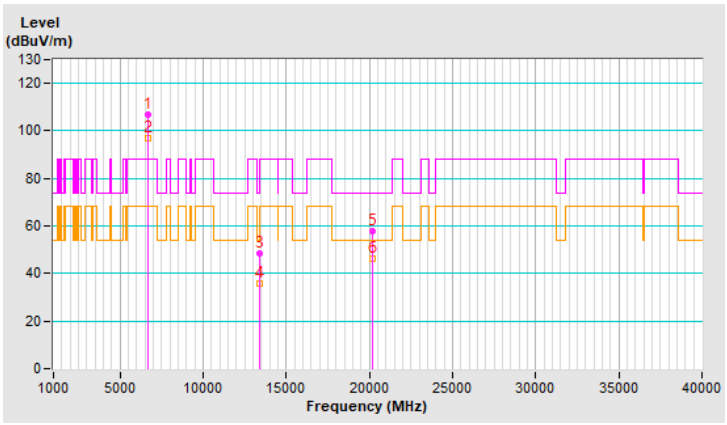


RF Mode	802.11a	Channel	CH 153：6715 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6715.00	106.7 PK			2.43 V	102	98.8	7.9
2	*6715.00	97.0 AV			2.43 V	102	89.1	7.9
3	#13430.00	48.4 PK	88.2	-39.8	2.35 V	147	32.2	16.2
4	#13430.00	35.6 AV	68.2	-32.6	2.35 V	147	19.4	16.2
5	20145.00	57.7 PK	74.0	-16.3	1.59 V	220	63.1	-5.4
6	20145.00	46.1 AV	54.0	-7.9	1.59 V	220	51.5	-5.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

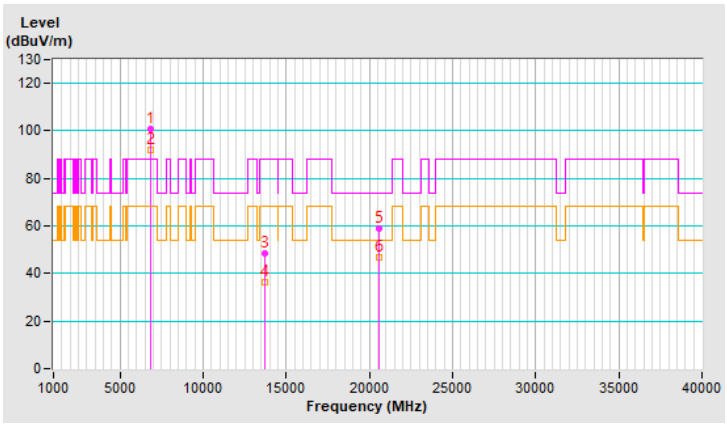


RF Mode	802.11a	Channel	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	100.9 PK			2.50 H	152	92.6	8.3
2	*6855.00	91.8 AV			2.50 H	152	83.5	8.3
3	#13710.00	48.4 PK	88.2	-39.8	1.75 H	172	32.0	16.4
4	#13710.00	36.5 AV	68.2	-31.7	1.75 H	172	20.1	16.4
5	20565.00	59.1 PK	74.0	-14.9	2.48 H	158	63.9	-4.8
6	20565.00	47.0 AV	54.0	-7.0	2.48 H	158	51.8	-4.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

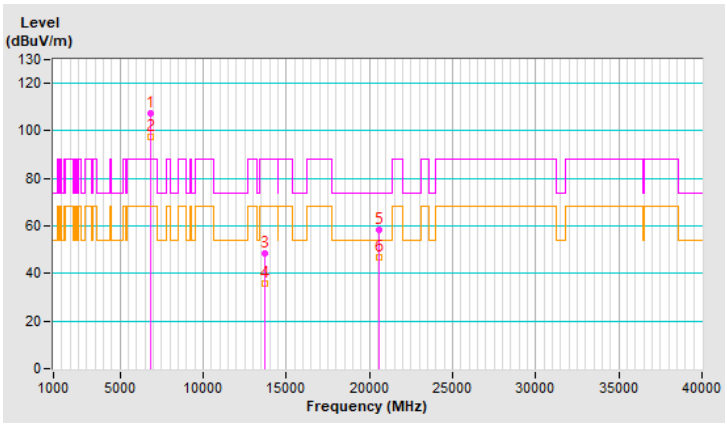


RF Mode	802.11a	Channel	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	107.2 PK			2.29 V	101	98.9	8.3
2	*6855.00	97.3 AV			2.29 V	101	89.0	8.3
3	#13710.00	48.2 PK	88.2	-40.0	2.26 V	149	31.8	16.4
4	#13710.00	35.6 AV	68.2	-32.6	2.26 V	149	19.2	16.4
5	20565.00	58.4 PK	74.0	-15.6	1.52 V	220	63.2	-4.8
6	20565.00	46.7 AV	54.0	-7.3	1.52 V	220	51.5	-4.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

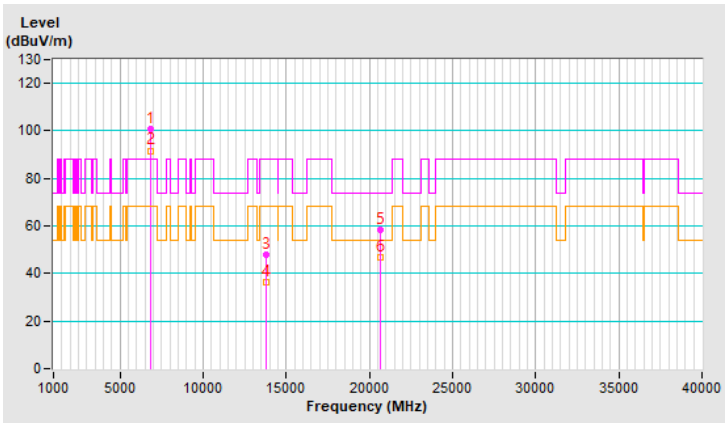


RF Mode	802.11a	Channel	CH 185：6875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	100.9 PK			2.46 H	141	92.4	8.5
2	*6875.00	91.7 AV			2.46 H	141	83.2	8.5
3	#13750.00	47.8 PK	88.2	-40.4	1.68 H	175	31.1	16.7
4	#13750.00	36.2 AV	68.2	-32.0	1.68 H	175	19.5	16.7
5	20625.00	58.6 PK	74.0	-15.4	2.58 H	127	63.3	-4.7
6	20625.00	46.7 AV	54.0	-7.3	2.58 H	127	51.4	-4.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

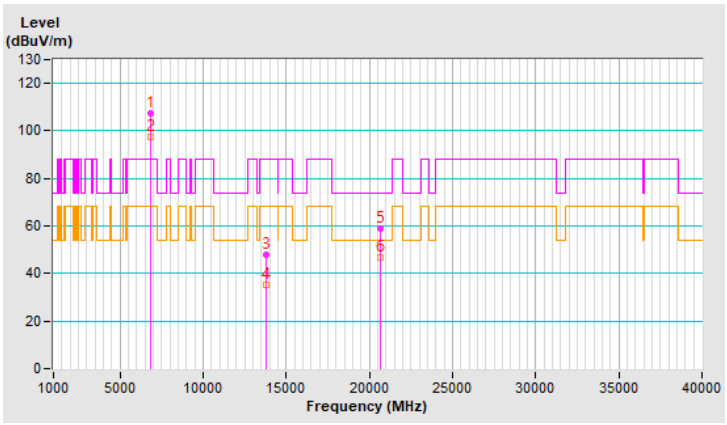


RF Mode	802.11a	Channel	CH 185：6875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	107.2 PK			2.30 V	100	98.7	8.5
2	*6875.00	97.3 AV			2.30 V	100	88.8	8.5
3	#13750.00	48.0 PK	88.2	-40.2	2.35 V	130	31.3	16.7
4	#13750.00	35.4 AV	68.2	-32.8	2.35 V	130	18.7	16.7
5	20625.00	58.7 PK	74.0	-15.3	1.55 V	206	63.4	-4.7
6	20625.00	46.9 AV	54.0	-7.1	1.55 V	206	51.6	-4.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

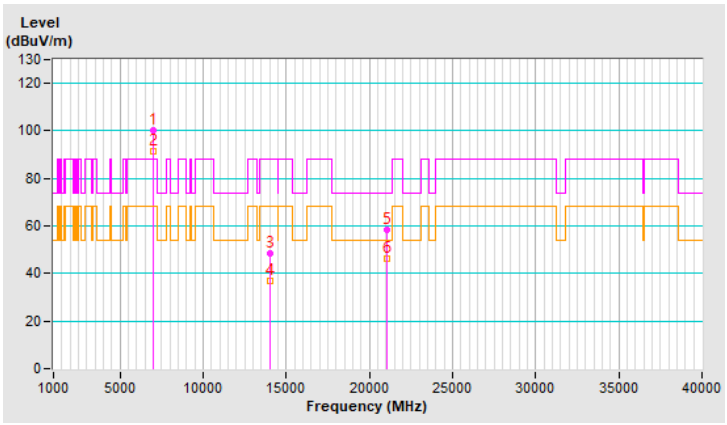


RF Mode	802.11a	Channel	CH 213：7015 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7015.00	100.3 PK			2.50 H	144	90.8	9.5
2	*7015.00	91.6 AV			2.50 H	144	82.1	9.5
3	#14030.00	48.6 PK	88.2	-39.6	1.74 H	187	30.9	17.7
4	#14030.00	36.9 AV	68.2	-31.3	1.74 H	187	19.2	17.7
5	21045.00	58.5 PK	74.0	-15.5	2.48 H	157	62.7	-4.2
6	21045.00	46.5 AV	54.0	-7.5	2.48 H	157	50.7	-4.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

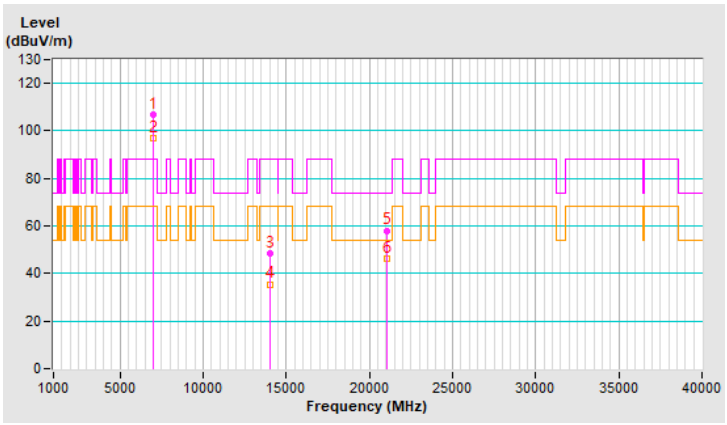


RF Mode	802.11a	Channel	CH 213：7015 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7015.00	107.0 PK			2.30 V	79	97.5	9.5
2	*7015.00	96.9 AV			2.30 V	79	87.4	9.5
3	#14030.00	48.2 PK	88.2	-40.0	2.36 V	156	30.5	17.7
4	#14030.00	35.5 AV	68.2	-32.7	2.36 V	156	17.8	17.7
5	21045.00	58.1 PK	74.0	-15.9	1.51 V	226	62.3	-4.2
6	21045.00	46.4 AV	54.0	-7.6	1.51 V	226	50.6	-4.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

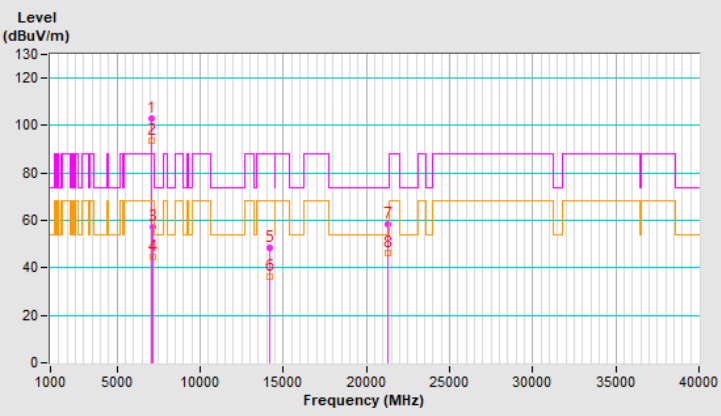


RF Mode	802.11a	Channel	CH 229：7095 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7095.00	102.8 PK			1.55 H	116	93.2	9.6
2	*7095.00	93.8 AV			1.55 H	116	84.2	9.6
3	#7179.64	57.1 PK	88.2	-31.1	1.55 H	116	47.0	10.1
4	#7179.64	44.8 AV	68.2	-23.4	1.55 H	116	34.7	10.1
5	#14190.00	48.2 PK	88.2	-40.0	1.78 H	161	30.2	18.0
6	#14190.00	36.4 AV	68.2	-31.8	1.78 H	161	18.4	18.0
7	21285.00	58.3 PK	74.0	-15.7	2.55 H	131	62.4	-4.1
8	21285.00	46.1 AV	54.0	-7.9	2.55 H	131	50.2	-4.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

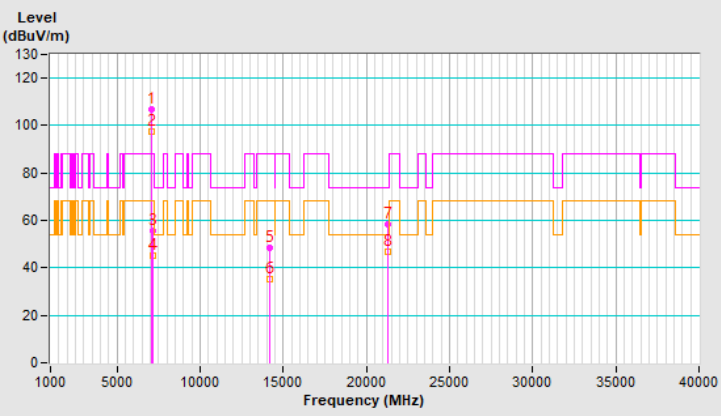


RF Mode	802.11a	Channel	CH 229：7095 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7095.00	106.6 PK			2.31 V	98	97.0	9.6
2	*7095.00	97.4 AV			2.31 V	98	87.8	9.6
3	#7180.34	55.7 PK	88.2	-32.5	2.31 V	98	45.6	10.1
4	#7180.34	45.1 AV	68.2	-23.1	2.31 V	98	35.0	10.1
5	#14190.00	48.2 PK	88.2	-40.0	2.28 V	150	30.2	18.0
6	#14190.00	35.4 AV	68.2	-32.8	2.28 V	150	17.4	18.0
7	21285.00	58.4 PK	74.0	-15.6	1.56 V	220	62.5	-4.1
8	21285.00	46.7 AV	54.0	-7.3	1.56 V	220	50.8	-4.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

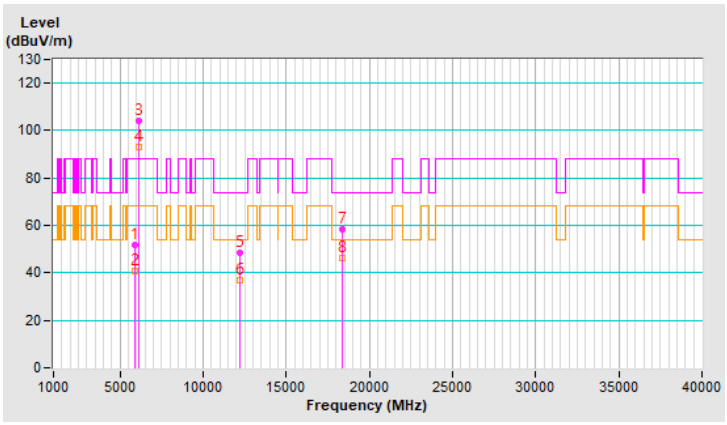


RF Mode	802.11ax (HE20)	Channel	CH 33：6115 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5924.72	51.9 PK	88.2	-36.3	2.53 H	136	46.4	5.5
2	#5924.72	40.5 AV	68.2	-27.7	2.53 H	136	35.0	5.5
3	*6115.00	104.2 PK			2.53 H	136	98.4	5.8
4	*6115.00	93.0 AV			2.53 H	136	87.2	5.8
5	12230.00	48.5 PK	74.0	-25.5	1.66 H	166	33.9	14.6
6	12230.00	36.7 AV	54.0	-17.3	1.66 H	166	22.1	14.6
7	18345.00	58.3 PK	74.0	-15.7	2.51 H	138	64.9	-6.6
8	18345.00	46.5 AV	54.0	-7.5	2.51 H	138	53.1	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

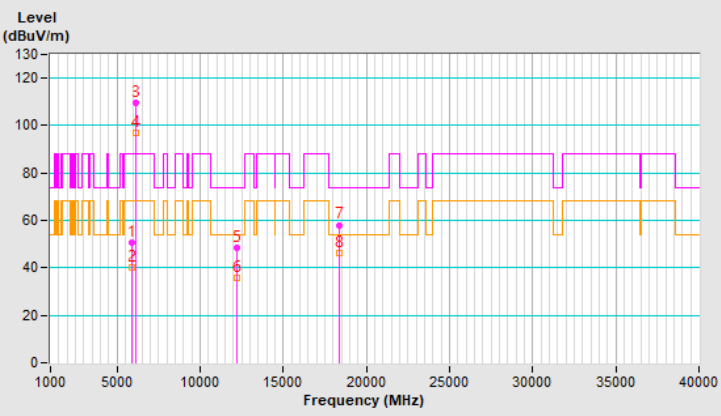


RF Mode	802.11ax (HE20)	Channel	CH 33：6115 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5924.00	50.5 PK	88.2	-37.7	2.07 V	96	45.0	5.5
2	#5924.00	40.4 AV	68.2	-27.8	2.07 V	96	34.9	5.5
3	*6115.00	109.6 PK			2.07 V	96	103.8	5.8
4	*6115.00	96.9 AV			2.07 V	96	91.1	5.8
5	12230.00	48.6 PK	74.0	-25.4	2.36 V	157	34.0	14.6
6	12230.00	35.8 AV	54.0	-18.2	2.36 V	157	21.2	14.6
7	18345.00	58.1 PK	74.0	-15.9	1.52 V	203	64.7	-6.6
8	18345.00	46.5 AV	54.0	-7.5	1.52 V	203	53.1	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

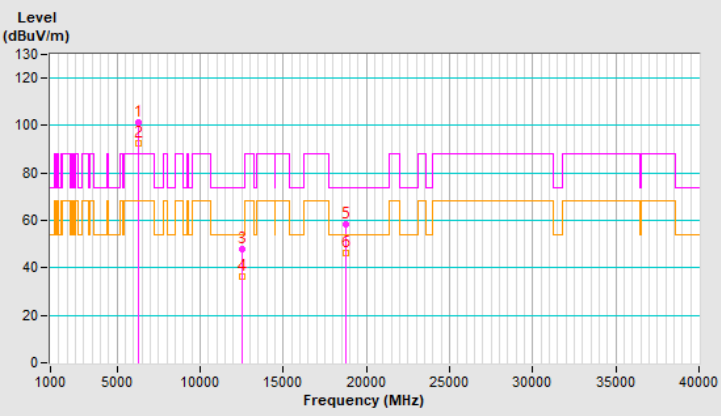


RF Mode	802.11ax (HE20)	Channel	CH 61：6255 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6255.00	101.3 PK			2.43 H	160	95.0	6.3
2	*6255.00	92.3 AV			2.43 H	160	86.0	6.3
3	12510.00	47.9 PK	74.0	-26.1	1.74 H	168	34.2	13.7
4	12510.00	36.1 AV	54.0	-17.9	1.74 H	168	22.4	13.7
5	18765.00	58.5 PK	74.0	-15.5	2.50 H	143	65.2	-6.7
6	18765.00	46.3 AV	54.0	-7.7	2.50 H	143	53.0	-6.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

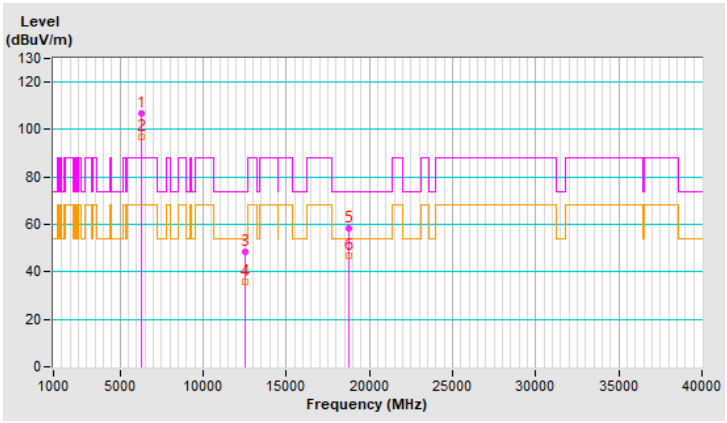


RF Mode	802.11ax (HE20)	Channel	CH 61：6255 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6255.00	107.0 PK			1.99 V	98	100.7	6.3
2	*6255.00	97.1 AV			1.99 V	98	90.8	6.3
3	12510.00	48.5 PK	74.0	-25.5	2.34 V	147	34.8	13.7
4	12510.00	35.7 AV	54.0	-18.3	2.34 V	147	22.0	13.7
5	18765.00	58.5 PK	74.0	-15.5	1.54 V	200	65.2	-6.7
6	18765.00	46.8 AV	54.0	-7.2	1.54 V	200	53.5	-6.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

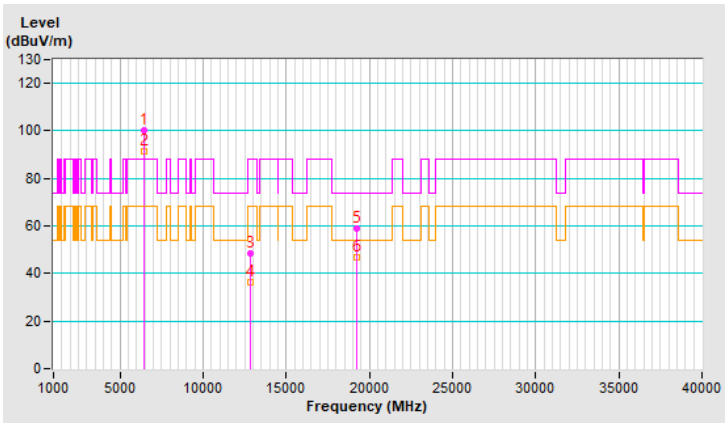


RF Mode	802.11ax (HE20)	Channel	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	100.2 PK			2.46 H	141	93.2	7.0
2	*6415.00	91.4 AV			2.46 H	141	84.4	7.0
3	#12830.00	48.5 PK	88.2	-39.7	1.74 H	183	33.6	14.9
4	#12830.00	36.5 AV	68.2	-31.7	1.74 H	183	21.6	14.9
5	19245.00	59.0 PK	74.0	-15.0	2.56 H	140	65.4	-6.4
6	19245.00	46.8 AV	54.0	-7.2	2.56 H	140	53.2	-6.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

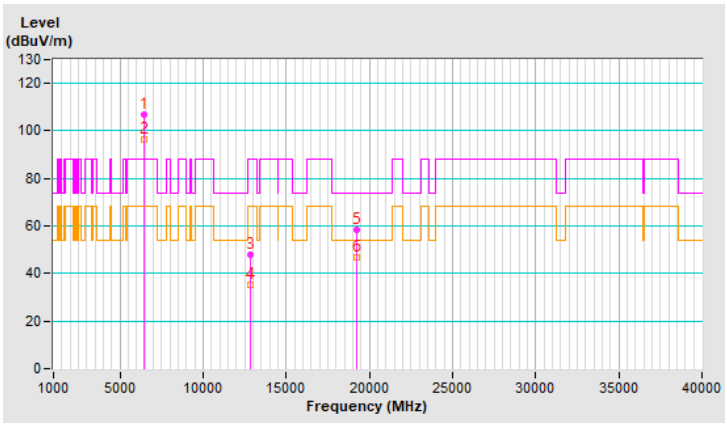


RF Mode	802.11ax (HE20)	Channel	CH 93：6415 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6415.00	106.7 PK			1.66 V	99	99.7	7.0
2	*6415.00	96.5 AV			1.66 V	99	89.5	7.0
3	#12830.00	48.0 PK	88.2	-40.2	2.33 V	139	33.1	14.9
4	#12830.00	35.4 AV	68.2	-32.8	2.33 V	139	20.5	14.9
5	19245.00	58.6 PK	74.0	-15.4	1.59 V	211	65.0	-6.4
6	19245.00	46.6 AV	54.0	-7.4	1.59 V	211	53.0	-6.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

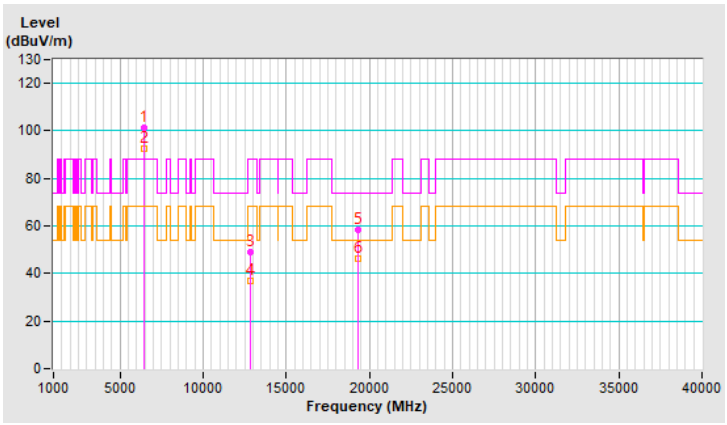


RF Mode	802.11ax (HE20)	Channel	CH 97：6435 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6435.00	101.3 PK			2.47 H	150	94.1	7.2
2	*6435.00	92.4 AV			2.47 H	150	85.2	7.2
3	#12870.00	48.9 PK	88.2	-39.3	1.68 H	169	33.9	15.0
4	#12870.00	36.9 AV	68.2	-31.3	1.68 H	169	21.9	15.0
5	19305.00	58.4 PK	74.0	-15.6	2.53 H	137	65.0	-6.6
6	19305.00	46.2 AV	54.0	-7.8	2.53 H	137	52.8	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

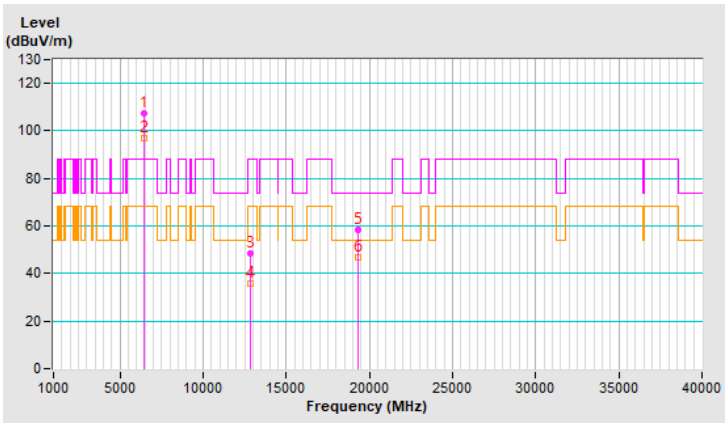


RF Mode	802.11ax (HE20)	Channel	CH 97：6435 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6435.00	107.2 PK			1.97 V	97	100.0	7.2
2	*6435.00	96.8 AV			1.97 V	97	89.6	7.2
3	#12870.00	48.4 PK	88.2	-39.8	2.37 V	140	33.4	15.0
4	#12870.00	35.8 AV	68.2	-32.4	2.37 V	140	20.8	15.0
5	19305.00	58.6 PK	74.0	-15.4	1.50 V	217	65.2	-6.6
6	19305.00	46.7 AV	54.0	-7.3	1.50 V	217	53.3	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

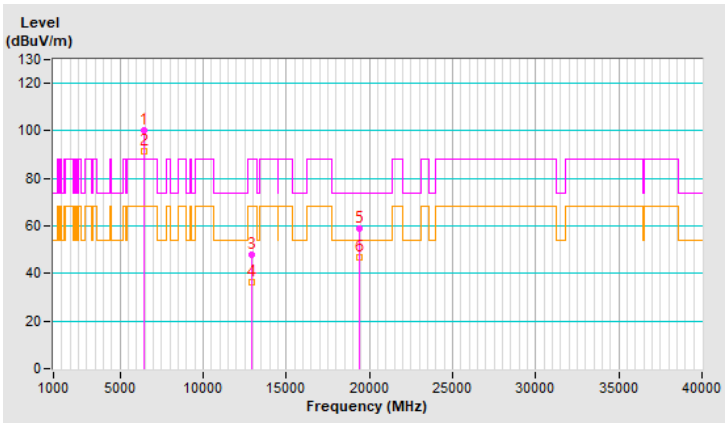


RF Mode	802.11ax (HE20)	Channel	CH 105：6475 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6475.00	100.2 PK			2.41 H	134	92.7	7.5
2	*6475.00	91.6 AV			2.41 H	134	84.1	7.5
3	#12950.00	48.1 PK	88.2	-40.1	1.75 H	169	33.1	15.0
4	#12950.00	36.3 AV	68.2	-31.9	1.75 H	169	21.3	15.0
5	19425.00	58.9 PK	74.0	-15.1	2.58 H	130	65.3	-6.4
6	19425.00	46.7 AV	54.0	-7.3	2.58 H	130	53.1	-6.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

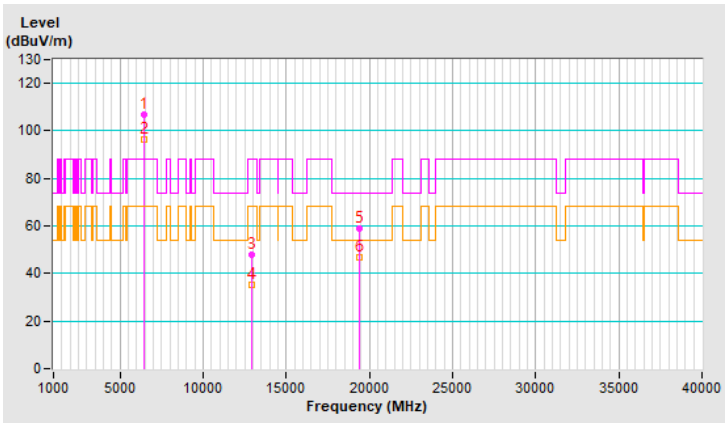


RF Mode	802.11ax (HE20)	Channel	CH 105：6475 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6475.00	106.8 PK			1.60 V	94	99.3	7.5
2	*6475.00	96.6 AV			1.60 V	94	89.1	7.5
3	#12950.00	47.9 PK	88.2	-40.3	2.33 V	158	32.9	15.0
4	#12950.00	35.4 AV	68.2	-32.8	2.33 V	158	20.4	15.0
5	19425.00	58.8 PK	74.0	-15.2	1.58 V	211	65.2	-6.4
6	19425.00	46.9 AV	54.0	-7.1	1.58 V	211	53.3	-6.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

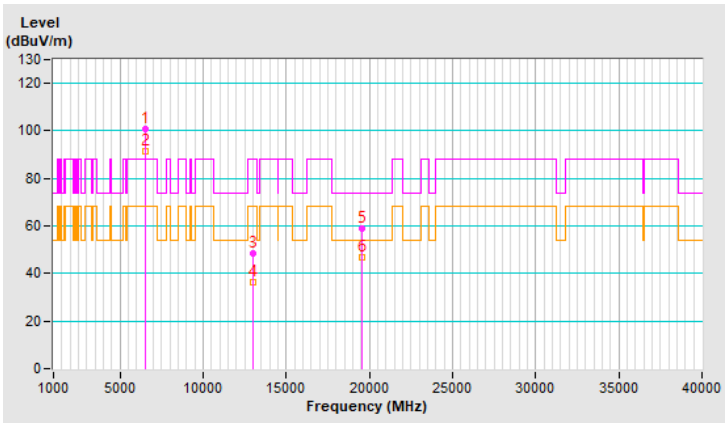


RF Mode	802.11ax (HE20)	Channel	CH 113：6515 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6515.00	100.6 PK			2.44 H	136	92.8	7.8
2	*6515.00	91.6 AV			2.44 H	136	83.8	7.8
3	#13030.00	48.2 PK	88.2	-40.0	1.66 H	190	33.1	15.1
4	#13030.00	36.3 AV	68.2	-31.9	1.66 H	190	21.2	15.1
5	19545.00	58.8 PK	74.0	-15.2	2.48 H	157	65.0	-6.2
6	19545.00	46.9 AV	54.0	-7.1	2.48 H	157	53.1	-6.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

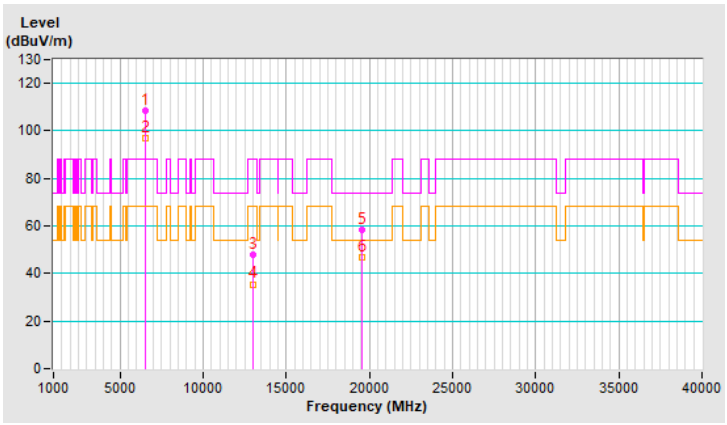


RF Mode	802.11ax (HE20)	Channel	CH 113：6515 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6515.00	108.3 PK			1.63 V	95	100.5	7.8
2	*6515.00	96.8 AV			1.63 V	95	89.0	7.8
3	#13030.00	48.1 PK	88.2	-40.1	2.29 V	152	33.0	15.1
4	#13030.00	35.5 AV	68.2	-32.7	2.29 V	152	20.4	15.1
5	19545.00	58.3 PK	74.0	-15.7	1.49 V	214	64.5	-6.2
6	19545.00	46.7 AV	54.0	-7.3	1.49 V	214	52.9	-6.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

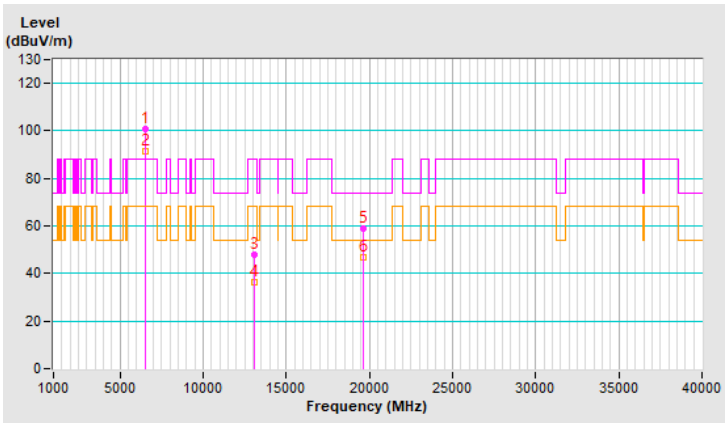


RF Mode	802.11ax (HE20)	Channel	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6535.00	100.6 PK			2.42 H	157	92.7	7.9
2	*6535.00	91.5 AV			2.42 H	157	83.6	7.9
3	#13070.00	48.1 PK	88.2	-40.1	1.77 H	172	33.0	15.1
4	#13070.00	36.3 AV	68.2	-31.9	1.77 H	172	21.2	15.1
5	19605.00	58.9 PK	74.0	-15.1	2.54 H	129	64.9	-6.0
6	19605.00	46.8 AV	54.0	-7.2	2.54 H	129	52.8	-6.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

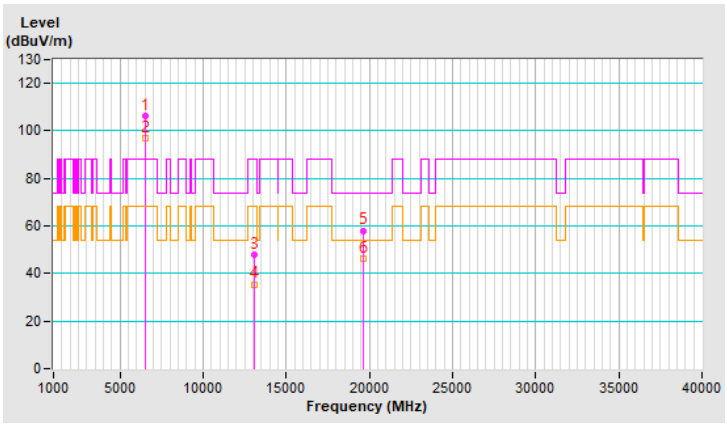


RF Mode	802.11ax (HE20)	Channel	CH 117：6535 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6535.00	106.4 PK			1.57 V	94	98.5	7.9
2	*6535.00	96.9 AV			1.57 V	94	89.0	7.9
3	#13070.00	48.1 PK	88.2	-40.1	2.28 V	142	33.0	15.1
4	#13070.00	35.5 AV	68.2	-32.7	2.28 V	142	20.4	15.1
5	19605.00	58.1 PK	74.0	-15.9	1.59 V	221	64.1	-6.0
6	19605.00	46.2 AV	54.0	-7.8	1.59 V	221	52.2	-6.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

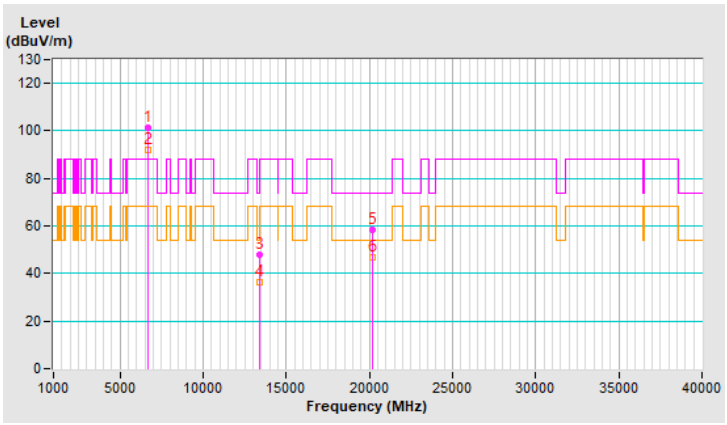


RF Mode	802.11ax (HE20)	Channel	CH 153：6715 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6715.00	101.2 PK			2.48 H	159	93.3	7.9
2	*6715.00	92.2 AV			2.48 H	159	84.3	7.9
3	#13430.00	48.0 PK	88.2	-40.2	1.72 H	176	31.8	16.2
4	#13430.00	36.1 AV	68.2	-32.1	1.72 H	176	19.9	16.2
5	20145.00	58.4 PK	74.0	-15.6	2.52 H	145	63.8	-5.4
6	20145.00	46.6 AV	54.0	-7.4	2.52 H	145	52.0	-5.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

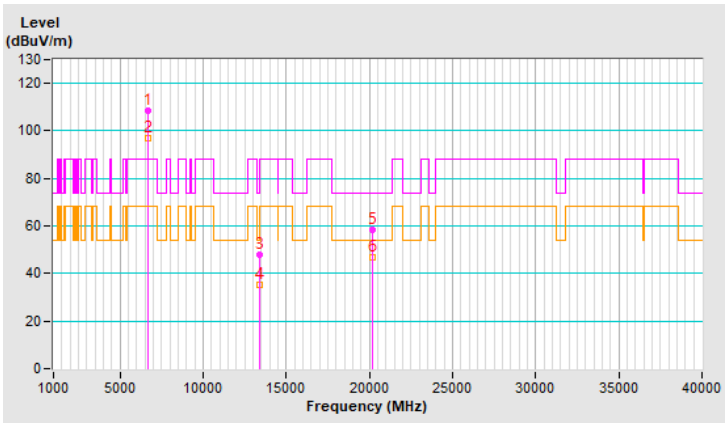


RF Mode	802.11ax (HE20)	Channel	CH 153：6715 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6715.00	108.3 PK			1.57 V	102	100.4	7.9
2	*6715.00	97.0 AV			1.57 V	102	89.1	7.9
3	#13430.00	47.8 PK	88.2	-40.4	2.30 V	159	31.6	16.2
4	#13430.00	35.2 AV	68.2	-33.0	2.30 V	159	19.0	16.2
5	20145.00	58.5 PK	74.0	-15.5	1.57 V	199	63.9	-5.4
6	20145.00	46.9 AV	54.0	-7.1	1.57 V	199	52.3	-5.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

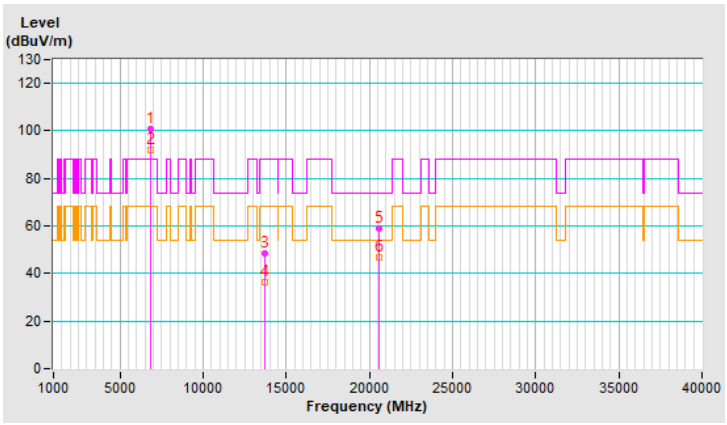


RF Mode	802.11ax (HE20)	Channel	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	100.8 PK			2.43 H	162	92.5	8.3
2	*6855.00	92.0 AV			2.43 H	162	83.7	8.3
3	#13710.00	48.4 PK	88.2	-39.8	1.74 H	171	32.0	16.4
4	#13710.00	36.5 AV	68.2	-31.7	1.74 H	171	20.1	16.4
5	20565.00	59.1 PK	74.0	-14.9	2.55 H	132	63.9	-4.8
6	20565.00	46.9 AV	54.0	-7.1	2.55 H	132	51.7	-4.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

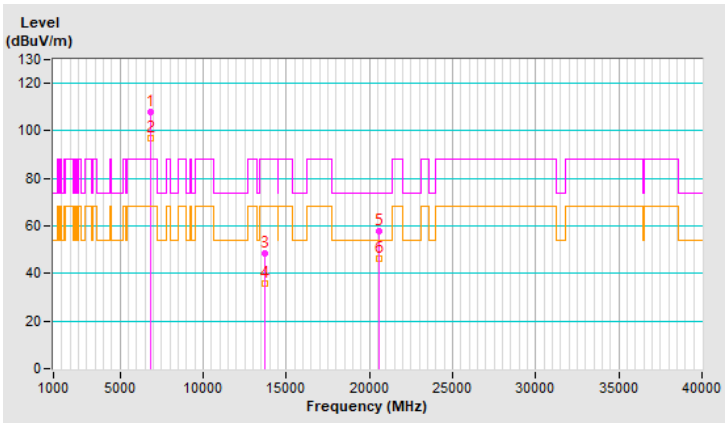


RF Mode	802.11ax (HE20)	Channel	CH 181：6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6855.00	108.0 PK			1.60 V	92	99.7	8.3
2	*6855.00	96.7 AV			1.60 V	92	88.4	8.3
3	#13710.00	48.5 PK	88.2	-39.7	2.26 V	142	32.1	16.4
4	#13710.00	35.6 AV	68.2	-32.6	2.26 V	142	19.2	16.4
5	20565.00	57.7 PK	74.0	-16.3	1.54 V	204	62.5	-4.8
6	20565.00	46.2 AV	54.0	-7.8	1.54 V	204	51.0	-4.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

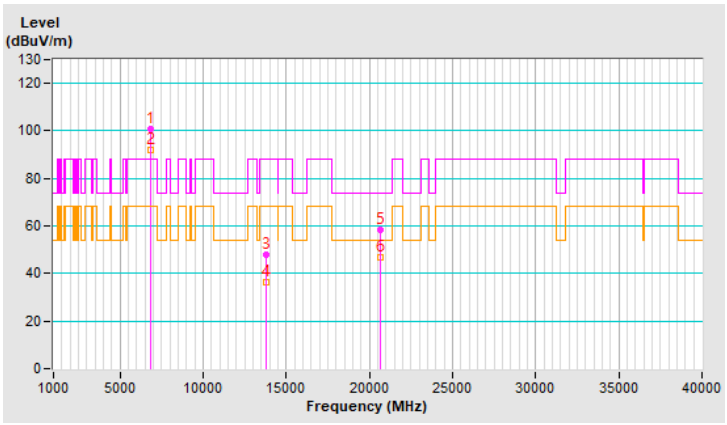


RF Mode	802.11ax (HE20)	Channel	CH 185：6875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	100.8 PK			2.40 H	151	92.3	8.5
2	*6875.00	91.9 AV			2.40 H	151	83.4	8.5
3	#13750.00	47.7 PK	88.2	-40.5	1.68 H	182	31.0	16.7
4	#13750.00	36.1 AV	68.2	-32.1	1.68 H	182	19.4	16.7
5	20625.00	58.5 PK	74.0	-15.5	2.54 H	133	63.2	-4.7
6	20625.00	46.7 AV	54.0	-7.3	2.54 H	133	51.4	-4.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

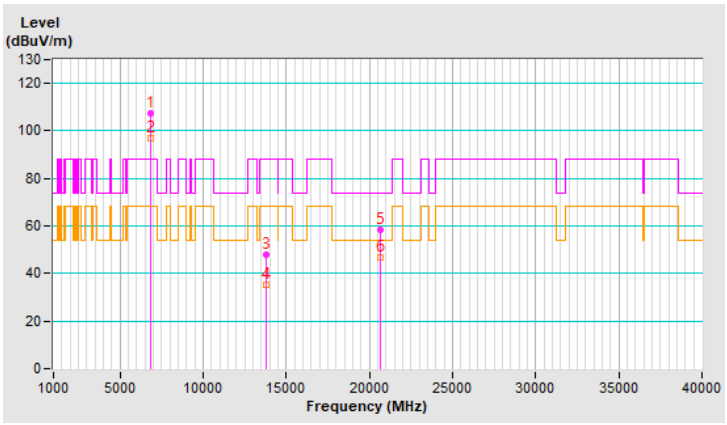


RF Mode	802.11ax (HE20)	Channel	CH 185：6875 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6875.00	107.3 PK			1.64 V	90	98.8	8.5
2	*6875.00	96.9 AV			1.64 V	90	88.4	8.5
3	#13750.00	47.8 PK	88.2	-40.4	2.37 V	132	31.1	16.7
4	#13750.00	35.2 AV	68.2	-33.0	2.37 V	132	18.5	16.7
5	20625.00	58.4 PK	74.0	-15.6	1.60 V	227	63.1	-4.7
6	20625.00	46.7 AV	54.0	-7.3	1.60 V	227	51.4	-4.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

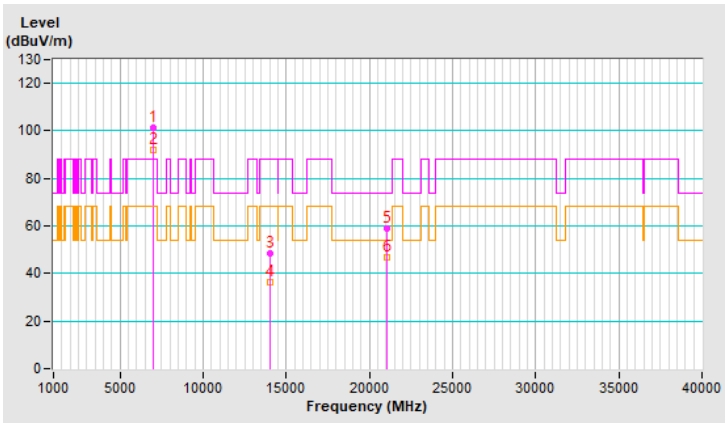


RF Mode	802.11ax (HE20)	Channel	CH 213：7015 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7015.00	101.1 PK			2.41 H	154	91.6	9.5
2	*7015.00	92.1 AV			2.41 H	154	82.6	9.5
3	#14030.00	48.5 PK	88.2	-39.7	1.71 H	171	30.8	17.7
4	#14030.00	36.4 AV	68.2	-31.8	1.71 H	171	18.7	17.7
5	21045.00	58.8 PK	74.0	-15.2	2.48 H	134	63.0	-4.2
6	21045.00	47.0 AV	54.0	-7.0	2.48 H	134	51.2	-4.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

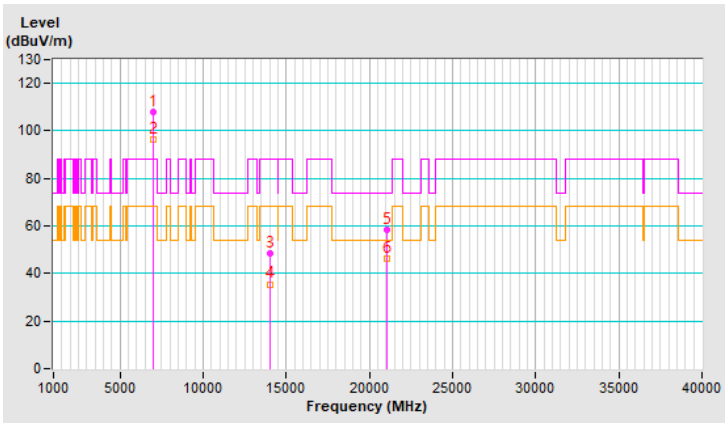


RF Mode	802.11ax (HE20)	Channel	CH 213：7015 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7015.00	108.1 PK			1.50 V	93	98.6	9.5
2	*7015.00	96.5 AV			1.50 V	93	87.0	9.5
3	#14030.00	48.3 PK	88.2	-39.9	2.28 V	149	30.6	17.7
4	#14030.00	35.5 AV	68.2	-32.7	2.28 V	149	17.8	17.7
5	21045.00	58.5 PK	74.0	-15.5	1.56 V	199	62.7	-4.2
6	21045.00	46.5 AV	54.0	-7.5	1.56 V	199	50.7	-4.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

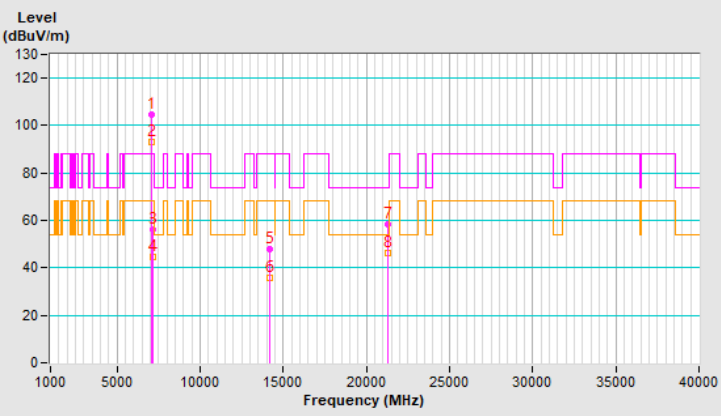


RF Mode	802.11ax (HE20)	Channel	CH 229：7095 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7095.00	104.8 PK			1.74 H	102	95.2	9.6
2	*7095.00	93.2 AV			1.74 H	102	83.6	9.6
3	#7130.00	56.0 PK	88.2	-32.2	1.74 H	102	46.0	10.0
4	#7130.00	44.6 AV	68.2	-23.6	1.74 H	102	34.6	10.0
5	#14190.00	47.9 PK	88.2	-40.3	1.75 H	162	29.9	18.0
6	#14190.00	35.9 AV	68.2	-32.3	1.75 H	162	17.9	18.0
7	21285.00	58.2 PK	74.0	-15.8	2.58 H	147	62.3	-4.1
8	21285.00	46.2 AV	54.0	-7.8	2.58 H	147	50.3	-4.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

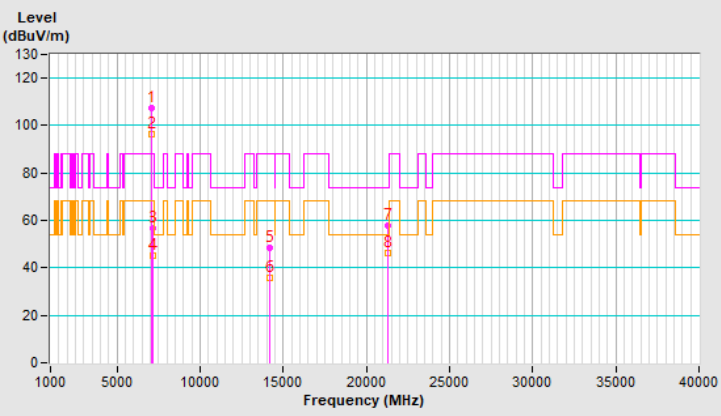


RF Mode	802.11ax (HE20)	Channel	CH 229：7095 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7095.00	107.5 PK			1.58 V	98	97.9	9.6
2	*7095.00	96.5 AV			1.58 V	98	86.9	9.6
3	#7132.00	56.9 PK	88.2	-31.3	1.58 V	98	46.9	10.0
4	#7132.00	45.2 AV	68.2	-23.0	1.58 V	98	35.2	10.0
5	#14190.00	48.4 PK	88.2	-39.8	2.29 V	160	30.4	18.0
6	#14190.00	35.8 AV	68.2	-32.4	2.29 V	160	17.8	18.0
7	21285.00	57.9 PK	74.0	-16.1	1.53 V	213	62.0	-4.1
8	21285.00	46.2 AV	54.0	-7.8	1.53 V	213	50.3	-4.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

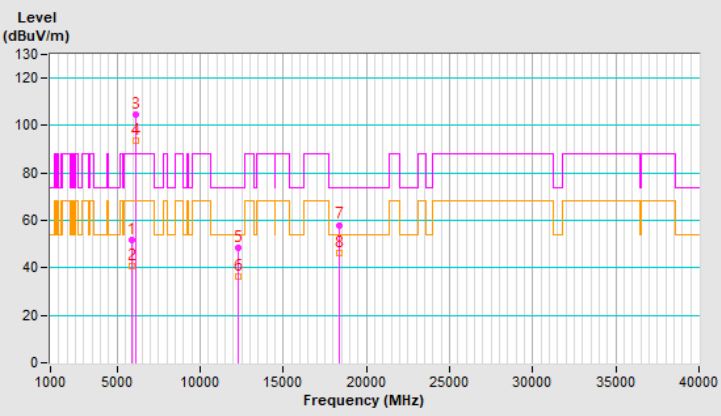


RF Mode	802.11ax (HE40)	Channel	CH 35：6125 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5912.00	52.0 PK	88.2	-36.2	2.75 H	126	46.5	5.5
2	#5912.00	40.5 AV	68.2	-27.7	2.75 H	126	35.0	5.5
3	*6125.00	104.5 PK			2.75 H	126	98.6	5.9
4	*6125.00	93.4 AV			2.75 H	126	87.5	5.9
5	12250.00	48.2 PK	74.0	-25.8	1.67 H	176	33.6	14.6
6	12250.00	36.3 AV	54.0	-17.7	1.67 H	176	21.7	14.6
7	18375.00	58.1 PK	74.0	-15.9	2.49 H	140	64.9	-6.8
8	18375.00	46.2 AV	54.0	-7.8	2.49 H	140	53.0	-6.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

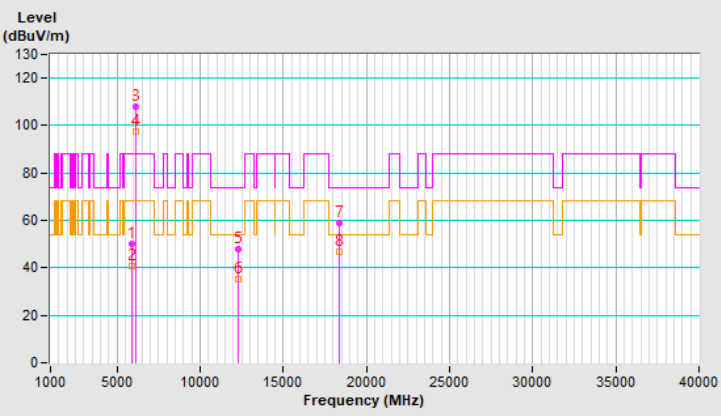


RF Mode	802.11ax (HE40)	Channel	CH 35：6125 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5912.00	50.1 PK	88.2	-38.1	2.04 V	96	44.6	5.5
2	#5912.00	40.5 AV	68.2	-27.7	2.04 V	96	35.0	5.5
3	*6125.00	107.8 PK			2.04 V	96	101.9	5.9
4	*6125.00	97.4 AV			2.04 V	96	91.5	5.9
5	12250.00	48.1 PK	74.0	-25.9	2.31 V	142	33.5	14.6
6	12250.00	35.4 AV	54.0	-18.6	2.31 V	142	20.8	14.6
7	18375.00	58.7 PK	74.0	-15.3	1.59 V	218	65.5	-6.8
8	18375.00	46.8 AV	54.0	-7.2	1.59 V	218	53.6	-6.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

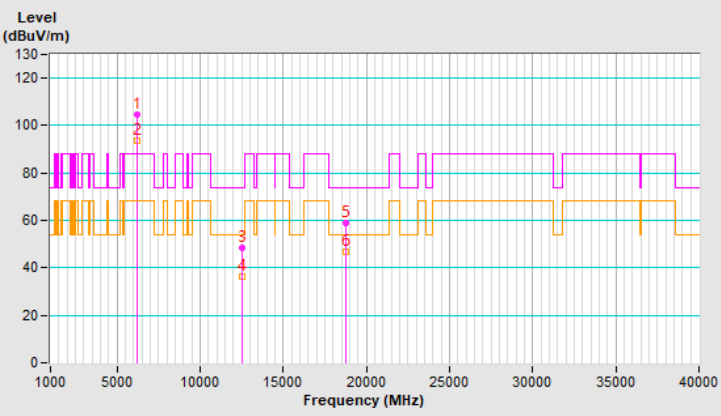


RF Mode	802.11ax (HE40)	Channel	CH 59：6245 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6245.00	104.6 PK			2.80 H	132	98.4	6.2
2	*6245.00	93.6 AV			2.80 H	132	87.4	6.2
3	12490.00	48.2 PK	74.0	-25.8	1.72 H	176	34.5	13.7
4	12490.00	36.1 AV	54.0	-17.9	1.72 H	176	22.4	13.7
5	18735.00	58.8 PK	74.0	-15.2	2.52 H	127	65.4	-6.6
6	18735.00	46.6 AV	54.0	-7.4	2.52 H	127	53.2	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

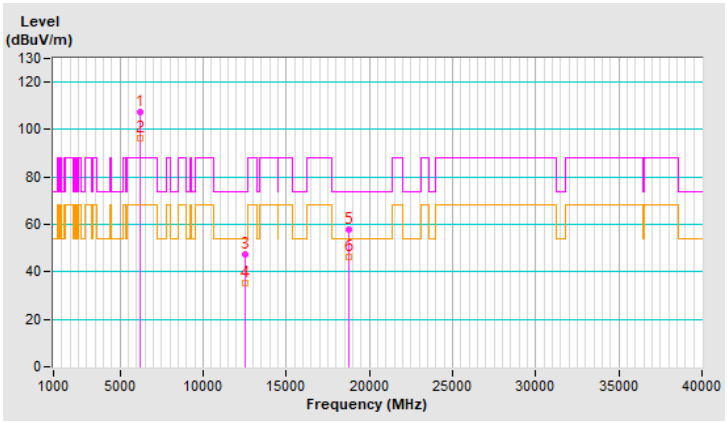


RF Mode	802.11ax (HE40)	Channel	CH 59：6245 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6245.00	107.6 PK			1.97 V	95	101.4	6.2
2	*6245.00	96.5 AV			1.97 V	95	90.3	6.2
3	12490.00	47.6 PK	74.0	-26.4	2.37 V	159	33.9	13.7
4	12490.00	35.2 AV	54.0	-18.8	2.37 V	159	21.5	13.7
5	18735.00	57.8 PK	74.0	-16.2	1.49 V	224	64.4	-6.6
6	18735.00	46.3 AV	54.0	-7.7	1.49 V	224	52.9	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

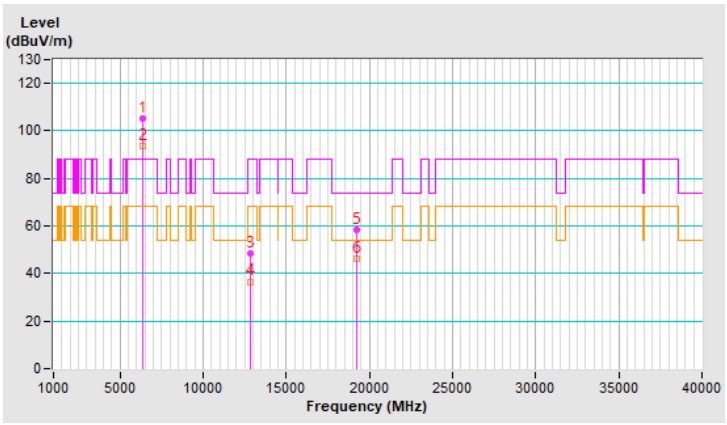


RF Mode	802.11ax (HE40)	Channel	CH 91：6405 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6405.00	105.0 PK			2.75 H	140	98.1	6.9
2	*6405.00	93.7 AV			2.75 H	140	86.8	6.9
3	#12810.00	48.2 PK	88.2	-40.0	1.69 H	183	33.3	14.9
4	#12810.00	36.6 AV	68.2	-31.6	1.69 H	183	21.7	14.9
5	19215.00	58.2 PK	74.0	-15.8	2.55 H	141	64.5	-6.3
6	19215.00	46.3 AV	54.0	-7.7	2.55 H	141	52.6	-6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

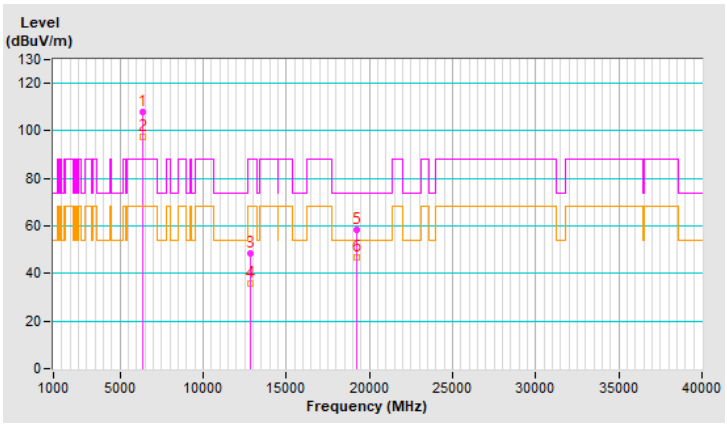


RF Mode	802.11ax (HE40)	Channel	CH 91：6405 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6405.00	108.1 PK			1.52 V	97	101.2	6.9
2	*6405.00	97.3 AV			1.52 V	97	90.4	6.9
3	#12810.00	48.2 PK	88.2	-40.0	2.28 V	146	33.3	14.9
4	#12810.00	35.7 AV	68.2	-32.5	2.28 V	146	20.8	14.9
5	19215.00	58.4 PK	74.0	-15.6	1.59 V	216	64.7	-6.3
6	19215.00	46.7 AV	54.0	-7.3	1.59 V	216	53.0	-6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

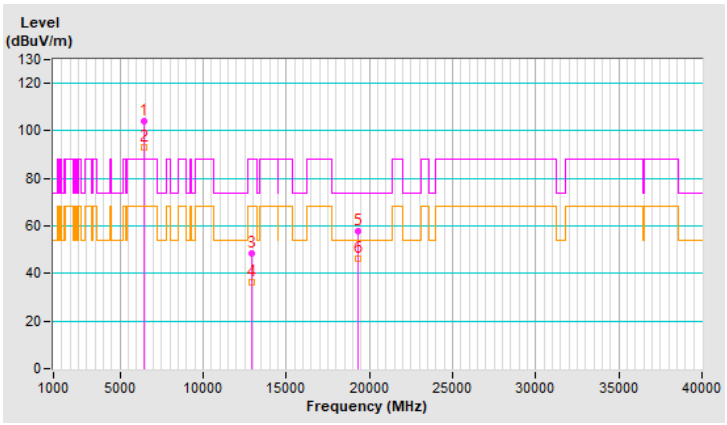


RF Mode	802.11ax (HE40)	Channel	CH 99：6445 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6445.00	104.3 PK			2.74 H	111	97.0	7.3
2	*6445.00	93.1 AV			2.74 H	111	85.8	7.3
3	#12890.00	48.2 PK	88.2	-40.0	1.75 H	161	33.1	15.1
4	#12890.00	36.2 AV	68.2	-32.0	1.75 H	161	21.1	15.1
5	19335.00	58.0 PK	74.0	-16.0	2.52 H	144	64.6	-6.6
6	19335.00	46.2 AV	54.0	-7.8	2.52 H	144	52.8	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

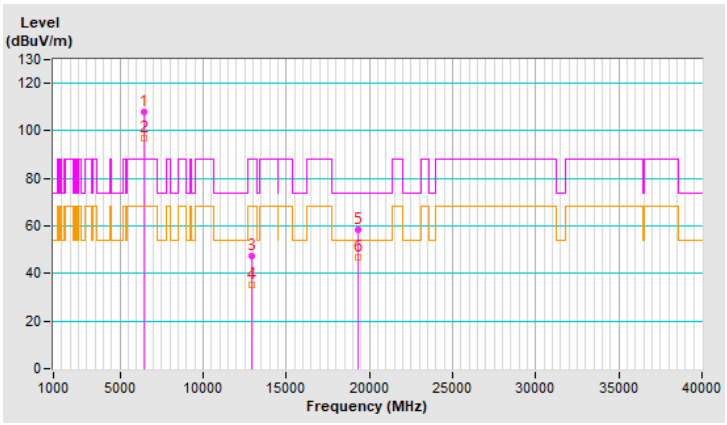


RF Mode	802.11ax (HE40)	Channel	CH 99：6445 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6445.00	108.1 PK			1.99 V	96	100.8	7.3
2	*6445.00	97.0 AV			1.99 V	96	89.7	7.3
3	#12890.00	47.6 PK	88.2	-40.6	2.28 V	134	32.5	15.1
4	#12890.00	35.3 AV	68.2	-32.9	2.28 V	134	20.2	15.1
5	19335.00	58.4 PK	74.0	-15.6	1.57 V	203	65.0	-6.6
6	19335.00	46.6 AV	54.0	-7.4	1.57 V	203	53.2	-6.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

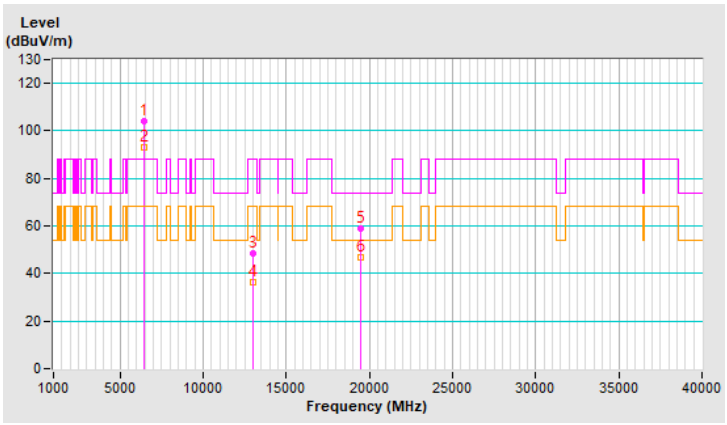


RF Mode	802.11ax (HE40)	Channel	CH 107：6485 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6485.00	104.1 PK			2.70 H	133	96.5	7.6
2	*6485.00	93.0 AV			2.70 H	133	85.4	7.6
3	#12970.00	48.3 PK	88.2	-39.9	1.75 H	181	33.3	15.0
4	#12970.00	36.4 AV	68.2	-31.8	1.75 H	181	21.4	15.0
5	19455.00	58.7 PK	74.0	-15.3	2.52 H	155	65.0	-6.3
6	19455.00	46.9 AV	54.0	-7.1	2.52 H	155	53.2	-6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

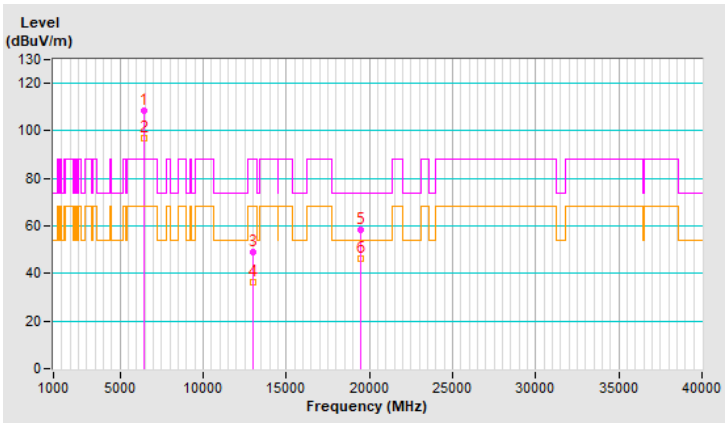


RF Mode	802.11ax (HE40)	Channel	CH 107：6485 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6485.00	108.3 PK			4.00 V	97	100.7	7.6
2	*6485.00	96.7 AV			4.00 V	97	89.1	7.6
3	#12970.00	48.9 PK	88.2	-39.3	2.30 V	137	33.9	15.0
4	#12970.00	36.1 AV	68.2	-32.1	2.30 V	137	21.1	15.0
5	19455.00	58.2 PK	74.0	-15.8	1.51 V	221	64.5	-6.3
6	19455.00	46.5 AV	54.0	-7.5	1.51 V	221	52.8	-6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

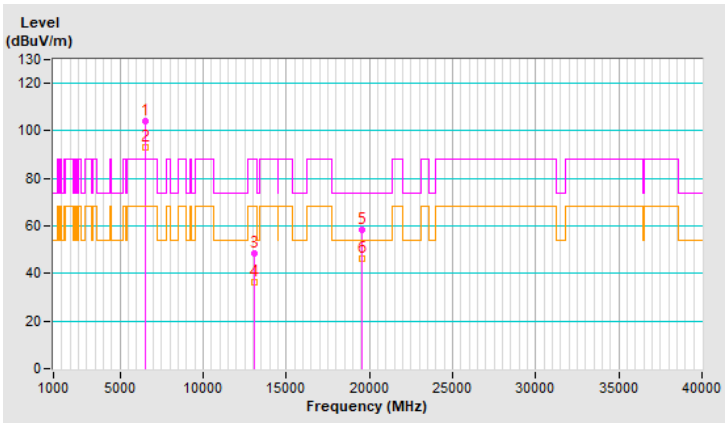


RF Mode	802.11ax (HE40)	Channel	CH 115：6525 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6525.00	103.9 PK			2.73 H	127	96.1	7.8
2	*6525.00	93.0 AV			2.73 H	127	85.2	7.8
3	#13050.00	48.4 PK	88.2	-39.8	1.68 H	188	33.3	15.1
4	#13050.00	36.5 AV	68.2	-31.7	1.68 H	188	21.4	15.1
5	19575.00	58.2 PK	74.0	-15.8	2.59 H	156	64.3	-6.1
6	19575.00	46.1 AV	54.0	-7.9	2.59 H	156	52.2	-6.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

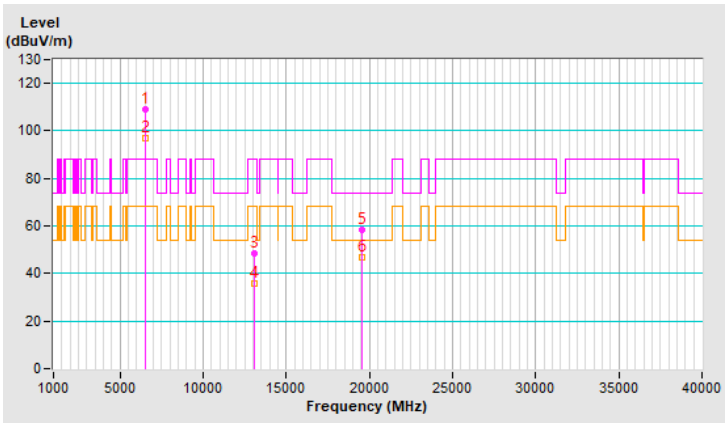


RF Mode	802.11ax (HE40)	Channel	CH 115：6525 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6525.00	108.9 PK			1.64 V	95	101.1	7.8
2	*6525.00	96.9 AV			1.64 V	95	89.1	7.8
3	#13050.00	48.4 PK	88.2	-39.8	2.30 V	140	33.3	15.1
4	#13050.00	36.0 AV	68.2	-32.2	2.30 V	140	20.9	15.1
5	19575.00	58.3 PK	74.0	-15.7	1.49 V	201	64.4	-6.1
6	19575.00	46.8 AV	54.0	-7.2	1.49 V	201	52.9	-6.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

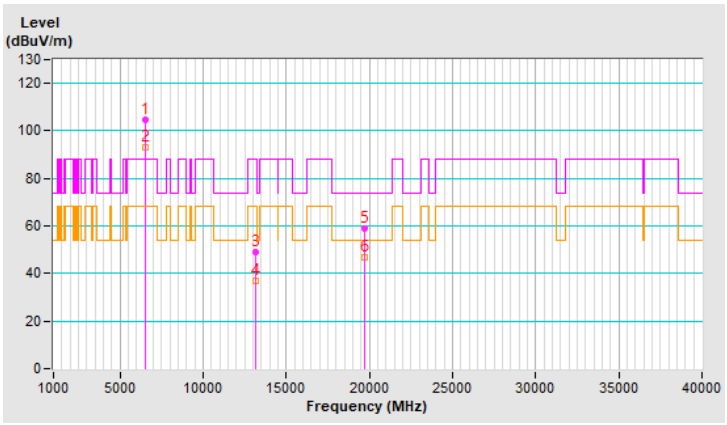


RF Mode	802.11ax (HE40)	Channel	CH 123：6565 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6565.00	104.4 PK			2.78 H	128	96.3	8.1
2	*6565.00	93.3 AV			2.78 H	128	85.2	8.1
3	#13130.00	48.9 PK	88.2	-39.3	1.74 H	186	33.6	15.3
4	#13130.00	36.9 AV	68.2	-31.3	1.74 H	186	21.6	15.3
5	19695.00	58.7 PK	74.0	-15.3	2.51 H	151	64.7	-6.0
6	19695.00	46.9 AV	54.0	-7.1	2.51 H	151	52.9	-6.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

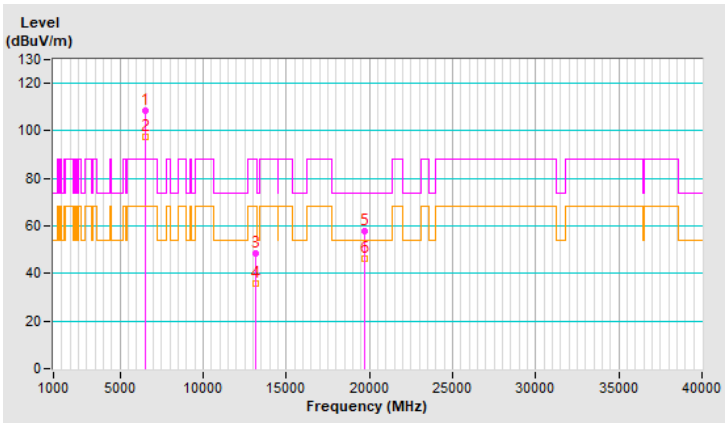


RF Mode	802.11ax (HE40)	Channel	CH 123：6565 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6565.00	108.5 PK			1.67 V	93	100.4	8.1
2	*6565.00	97.2 AV			1.67 V	93	89.1	8.1
3	#13130.00	48.4 PK	88.2	-39.8	2.34 V	157	33.1	15.3
4	#13130.00	35.9 AV	68.2	-32.3	2.34 V	157	20.6	15.3
5	19695.00	57.8 PK	74.0	-16.2	1.57 V	201	63.8	-6.0
6	19695.00	46.3 AV	54.0	-7.7	1.57 V	201	52.3	-6.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

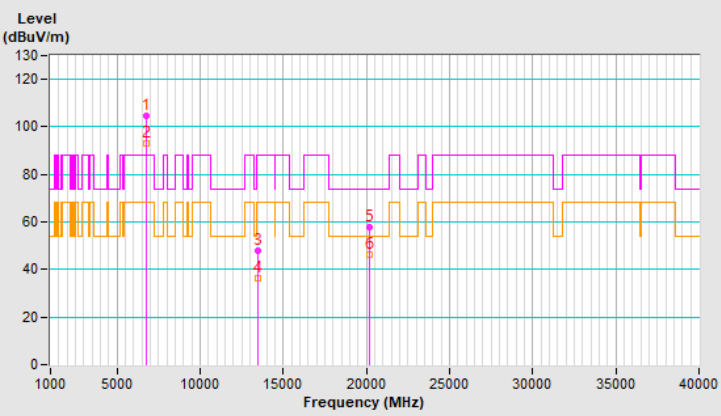


RF Mode	802.11ax (HE40)	Channel	CH 155：6725 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6725.00	104.4 PK			2.76 H	119	96.5	7.9
2	*6725.00	93.3 AV			2.76 H	119	85.4	7.9
3	#13450.00	47.9 PK	88.2	-40.3	1.75 H	174	31.7	16.2
4	#13450.00	36.1 AV	68.2	-32.1	1.75 H	174	19.9	16.2
5	20175.00	58.0 PK	74.0	-16.0	2.49 H	139	63.5	-5.5
6	20175.00	46.1 AV	54.0	-7.9	2.49 H	139	51.6	-5.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

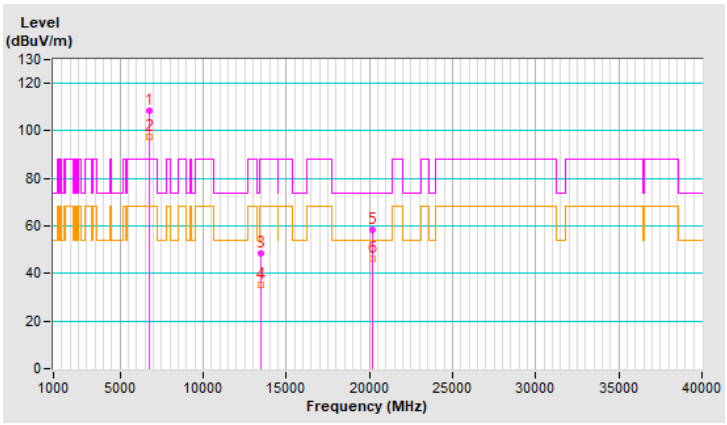


RF Mode	802.11ax (HE40)	Channel	CH 155：6725 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6725.00	108.3 PK			1.58 V	103	100.4	7.9
2	*6725.00	97.4 AV			1.58 V	103	89.5	7.9
3	#13450.00	48.2 PK	88.2	-40.0	2.34 V	146	32.0	16.2
4	#13450.00	35.4 AV	68.2	-32.8	2.34 V	146	19.2	16.2
5	20175.00	58.2 PK	74.0	-15.8	1.49 V	228	63.7	-5.5
6	20175.00	46.5 AV	54.0	-7.5	1.49 V	228	52.0	-5.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

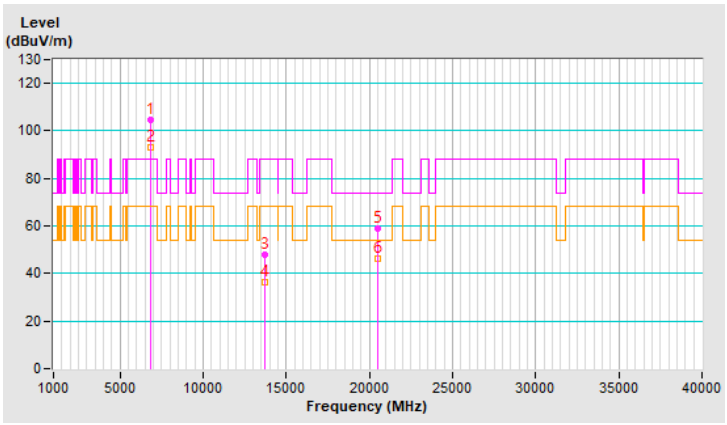


RF Mode	802.11ax (HE40)	Channel	CH 179：6845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6845.00	104.4 PK			2.70 H	135	96.1	8.3
2	*6845.00	93.2 AV			2.70 H	135	84.9	8.3
3	#13690.00	47.9 PK	88.2	-40.3	1.71 H	189	31.5	16.4
4	#13690.00	36.2 AV	68.2	-32.0	1.71 H	189	19.8	16.4
5	20535.00	58.7 PK	74.0	-15.3	2.52 H	157	63.5	-4.8
6	20535.00	46.5 AV	54.0	-7.5	2.52 H	157	51.3	-4.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

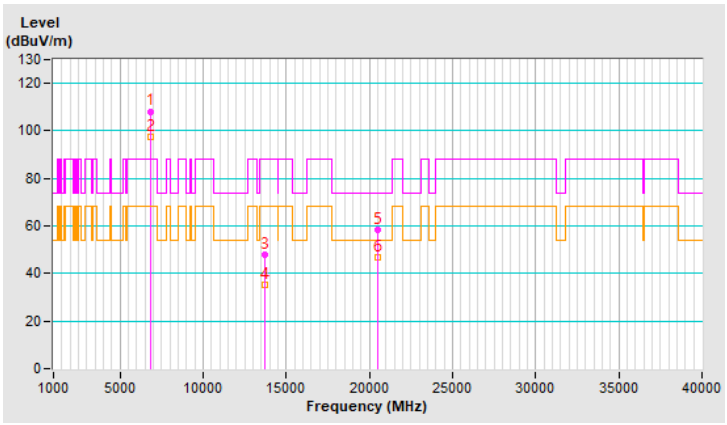


RF Mode	802.11ax (HE40)	Channel	CH 179：6845 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6845.00	108.2 PK			1.67 V	91	99.9	8.3
2	*6845.00	97.4 AV			1.67 V	91	89.1	8.3
3	#13690.00	48.1 PK	88.2	-40.1	2.36 V	153	31.7	16.4
4	#13690.00	35.3 AV	68.2	-32.9	2.36 V	153	18.9	16.4
5	20535.00	58.2 PK	74.0	-15.8	1.55 V	209	63.0	-4.8
6	20535.00	46.6 AV	54.0	-7.4	1.55 V	209	51.4	-4.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

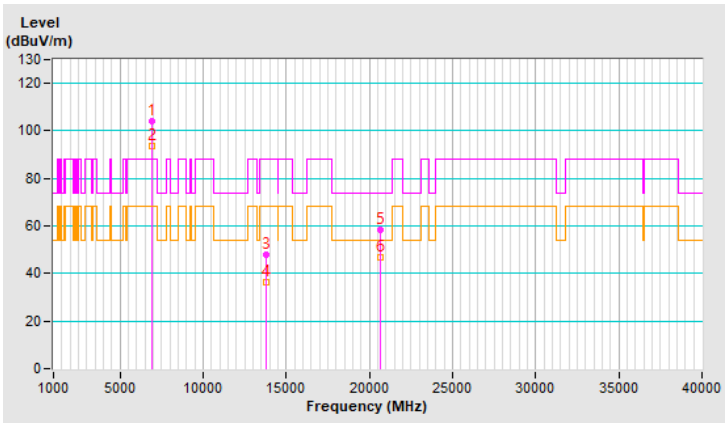


RF Mode	802.11ax (HE40)	Channel	CH 187：6885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6885.00	104.3 PK			2.72 H	126	95.8	8.5
2	*6885.00	93.4 AV			2.72 H	126	84.9	8.5
3	#13770.00	48.0 PK	88.2	-40.2	1.71 H	176	31.1	16.9
4	#13770.00	36.2 AV	68.2	-32.0	1.71 H	176	19.3	16.9
5	20655.00	58.5 PK	74.0	-15.5	2.55 H	138	63.2	-4.7
6	20655.00	46.8 AV	54.0	-7.2	2.55 H	138	51.5	-4.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

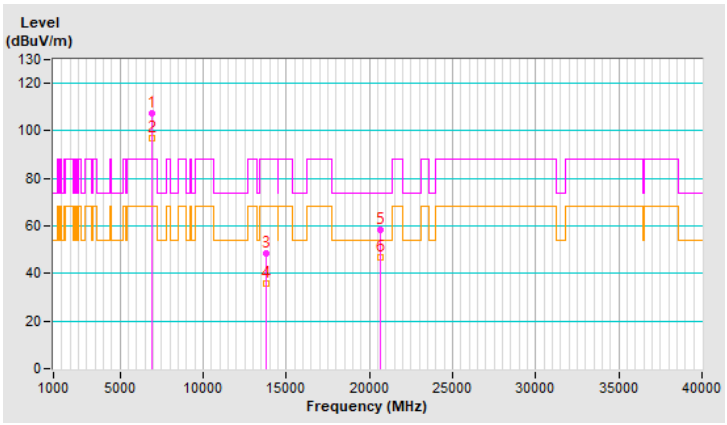


RF Mode	802.11ax (HE40)	Channel	CH 187：6885 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6885.00	107.4 PK			1.61 V	90	98.9	8.5
2	*6885.00	96.8 AV			1.61 V	90	88.3	8.5
3	#13770.00	48.5 PK	88.2	-39.7	2.26 V	142	31.6	16.9
4	#13770.00	35.7 AV	68.2	-32.5	2.26 V	142	18.8	16.9
5	20655.00	58.5 PK	74.0	-15.5	1.54 V	226	63.2	-4.7
6	20655.00	46.9 AV	54.0	-7.1	1.54 V	226	51.6	-4.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

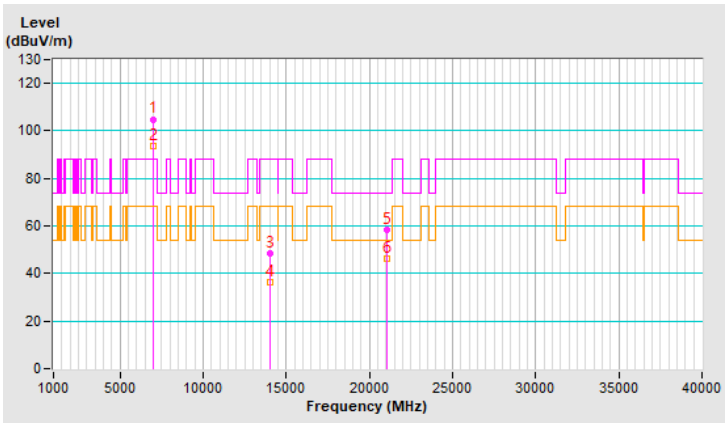


RF Mode	802.11ax (HE40)	Channel	CH 211：7005 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7005.00	104.9 PK			2.79 H	137	95.4	9.5
2	*7005.00	93.8 AV			2.79 H	137	84.3	9.5
3	#14010.00	48.6 PK	88.2	-39.6	1.76 H	161	31.0	17.6
4	#14010.00	36.5 AV	68.2	-31.7	1.76 H	161	18.9	17.6
5	21015.00	58.2 PK	74.0	-15.8	2.54 H	144	62.4	-4.2
6	21015.00	46.4 AV	54.0	-7.6	2.54 H	144	50.6	-4.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

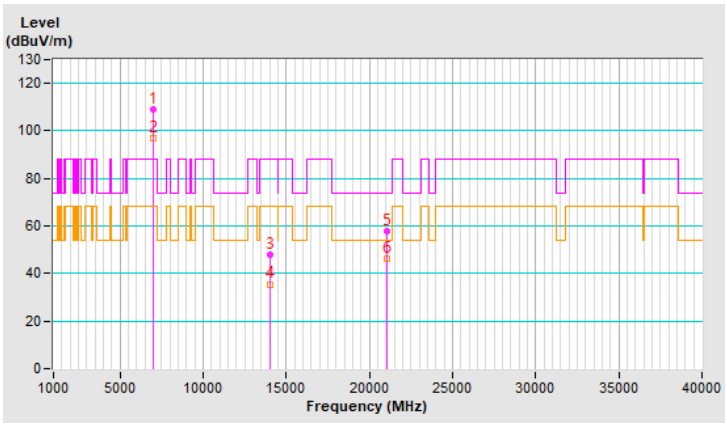


RF Mode	802.11ax (HE40)	Channel	CH 211：7005 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7005.00	108.9 PK			1.50 V	92	99.4	9.5
2	*7005.00	97.0 AV			1.50 V	92	87.5	9.5
3	#14010.00	47.8 PK	88.2	-40.4	2.32 V	132	30.2	17.6
4	#14010.00	35.5 AV	68.2	-32.7	2.32 V	132	17.9	17.6
5	21015.00	57.7 PK	74.0	-16.3	1.54 V	226	61.9	-4.2
6	21015.00	46.1 AV	54.0	-7.9	1.54 V	226	50.3	-4.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

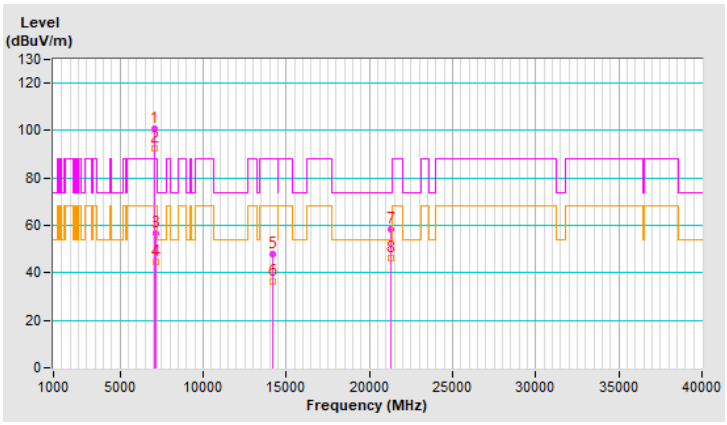


RF Mode	802.11ax (HE40)	Channel	CH 227：7085 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7085.00	100.9 PK			2.00 H	86	91.3	9.6
2	*7085.00	92.3 AV			2.00 H	86	82.7	9.6
3	#7125.00	56.5 PK	88.2	-31.7	2.00 H	86	46.6	9.9
4	#7125.00	44.6 AV	68.2	-23.6	2.00 H	86	34.7	9.9
5	#14170.00	48.0 PK	88.2	-40.2	1.69 H	161	30.0	18.0
6	#14170.00	36.2 AV	68.2	-32.0	1.69 H	161	18.2	18.0
7	21255.00	58.6 PK	74.0	-15.4	2.53 H	128	62.9	-4.3
8	21255.00	46.3 AV	54.0	-7.7	2.53 H	128	50.6	-4.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

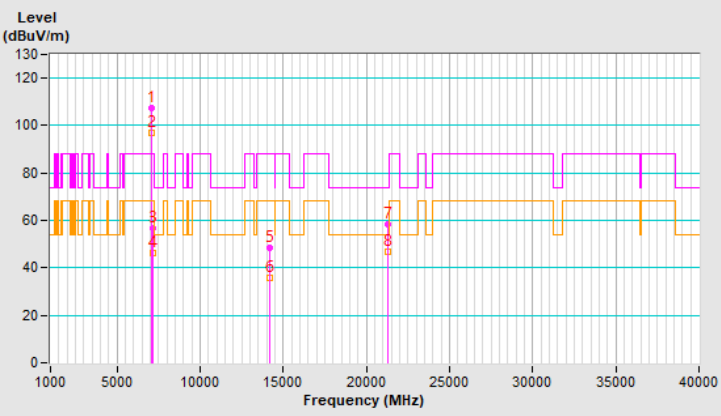


RF Mode	802.11ax (HE40)	Channel	CH 227：7085 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7085.00	107.3 PK			1.50 V	91	97.7	9.6
2	*7085.00	96.8 AV			1.50 V	91	87.2	9.6
3	#7125.00	56.8 PK	88.2	-31.4	1.50 V	91	46.9	9.9
4	#7125.00	46.1 AV	68.2	-22.1	1.50 V	91	36.2	9.9
5	#14170.00	48.7 PK	88.2	-39.5	2.26 V	159	30.7	18.0
6	#14170.00	36.0 AV	68.2	-32.2	2.26 V	159	18.0	18.0
7	21255.00	58.5 PK	74.0	-15.5	1.59 V	219	62.8	-4.3
8	21255.00	47.0 AV	54.0	-7.0	1.59 V	219	51.3	-4.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

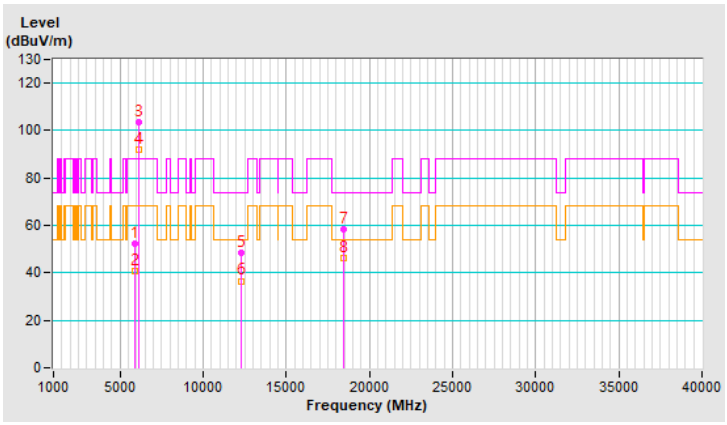


RF Mode	802.11ax (HE80)	Channel	CH 39：6145 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5920.65	52.4 PK	88.2	-35.8	2.56 H	131	46.9	5.5
2	#5920.65	40.6 AV	68.2	-27.6	2.56 H	131	35.1	5.5
3	*6145.00	103.7 PK			2.56 H	131	97.8	5.9
4	*6145.00	92.1 AV			2.56 H	131	86.2	5.9
5	12290.00	48.5 PK	74.0	-25.5	1.66 H	190	34.1	14.4
6	12290.00	36.6 AV	54.0	-17.4	1.66 H	190	22.2	14.4
7	18435.00	58.3 PK	74.0	-15.7	2.56 H	147	65.0	-6.7
8	18435.00	46.2 AV	54.0	-7.8	2.56 H	147	52.9	-6.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

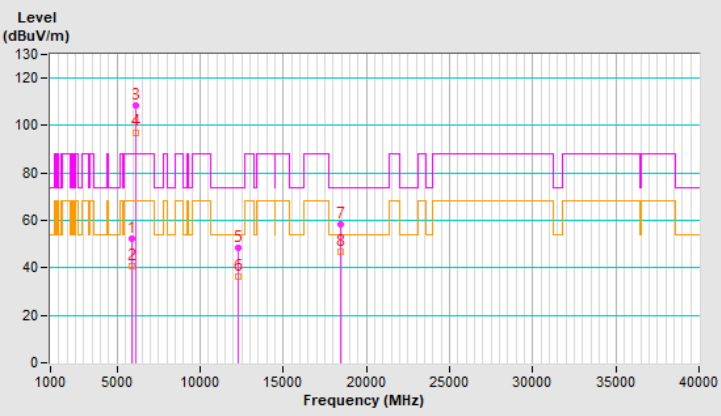


RF Mode	802.11ax (HE80)	Channel	CH 39：6145 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5920.65	52.5 PK	88.2	-35.7	2.06 V	96	47.0	5.5
2	#5920.65	40.7 AV	68.2	-27.5	2.06 V	96	35.2	5.5
3	*6145.00	108.3 PK			2.06 V	96	102.4	5.9
4	*6145.00	97.2 AV			2.06 V	96	91.3	5.9
5	12290.00	48.7 PK	74.0	-25.3	2.27 V	150	34.3	14.4
6	12290.00	36.1 AV	54.0	-17.9	2.27 V	150	21.7	14.4
7	18435.00	58.6 PK	74.0	-15.4	1.58 V	210	65.3	-6.7
8	18435.00	46.9 AV	54.0	-7.1	1.58 V	210	53.6	-6.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

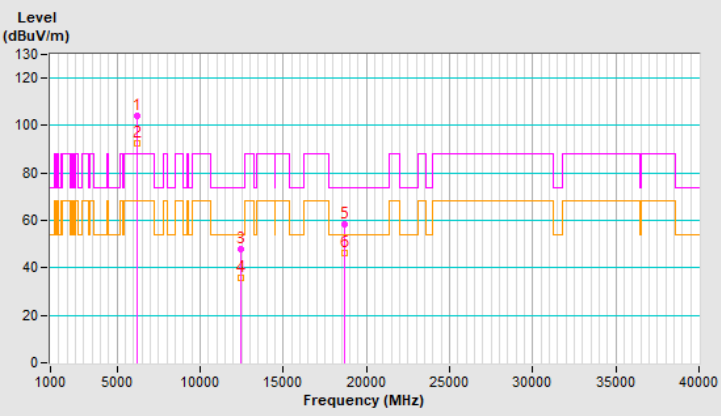


RF Mode	802.11ax (HE80)	Channel	CH 55：6225 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6225.00	103.9 PK			2.57 H	119	97.7	6.2
2	*6225.00	92.5 AV			2.57 H	119	86.3	6.2
3	12450.00	47.9 PK	74.0	-26.1	1.71 H	163	34.2	13.7
4	12450.00	36.0 AV	54.0	-18.0	1.71 H	163	22.3	13.7
5	18675.00	58.4 PK	74.0	-15.6	2.50 H	154	64.9	-6.5
6	18675.00	46.3 AV	54.0	-7.7	2.50 H	154	52.8	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

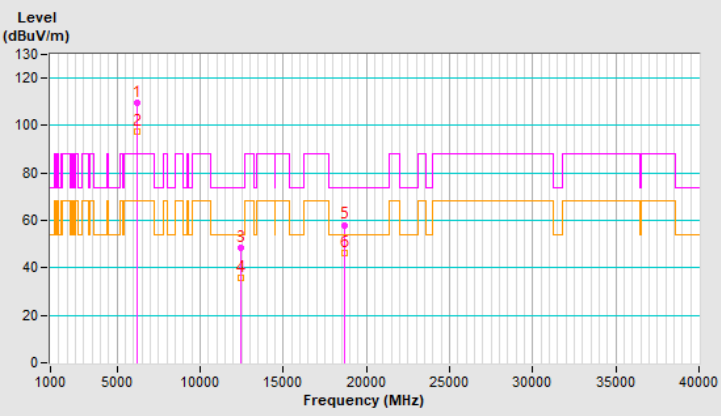


RF Mode	802.11ax (HE80)	Channel	CH 55：6225 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6225.00	109.5 PK			2.00 V	95	103.3	6.2
2	*6225.00	97.5 AV			2.00 V	95	91.3	6.2
3	12450.00	48.3 PK	74.0	-25.7	2.35 V	130	34.6	13.7
4	12450.00	35.9 AV	54.0	-18.1	2.35 V	130	22.2	13.7
5	18675.00	58.1 PK	74.0	-15.9	1.52 V	206	64.6	-6.5
6	18675.00	46.3 AV	54.0	-7.7	1.52 V	206	52.8	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

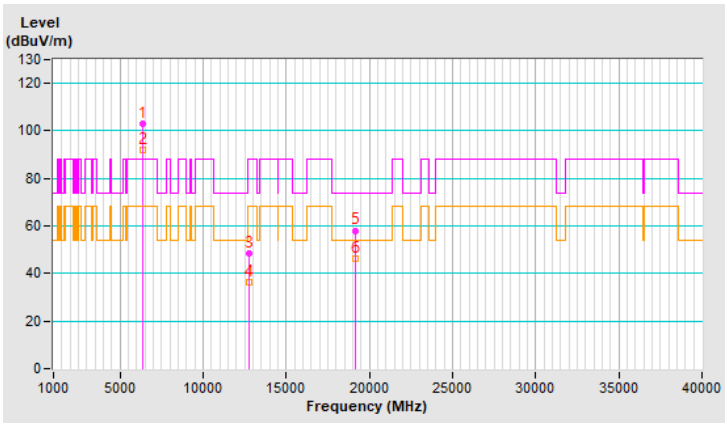


RF Mode	802.11ax (HE80)	Channel	CH 87：6385 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6385.00	103.1 PK			2.53 H	124	96.3	6.8
2	*6385.00	91.8 AV			2.53 H	124	85.0	6.8
3	#12770.00	48.3 PK	88.2	-39.9	1.70 H	166	33.6	14.7
4	#12770.00	36.3 AV	68.2	-31.9	1.70 H	166	21.6	14.7
5	19155.00	58.1 PK	74.0	-15.9	2.52 H	130	64.4	-6.3
6	19155.00	46.2 AV	54.0	-7.8	2.52 H	130	52.5	-6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

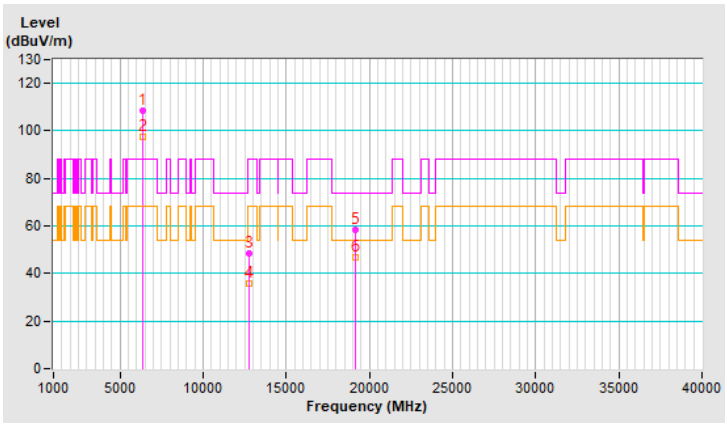


RF Mode	802.11ax (HE80)	Channel	CH 87：6385 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6385.00	108.7 PK			1.65 V	95	101.9	6.8
2	*6385.00	97.3 AV			1.65 V	95	90.5	6.8
3	#12770.00	48.3 PK	88.2	-39.9	2.34 V	134	33.6	14.7
4	#12770.00	35.7 AV	68.2	-32.5	2.34 V	134	21.0	14.7
5	19155.00	58.3 PK	74.0	-15.7	1.51 V	213	64.6	-6.3
6	19155.00	46.8 AV	54.0	-7.2	1.51 V	213	53.1	-6.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

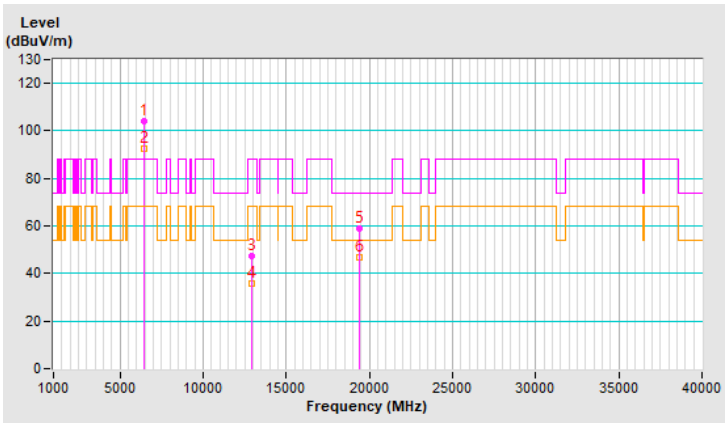


RF Mode	802.11ax (HE80)	Channel	CH 103：6465 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6465.00	103.9 PK			2.57 H	123	96.4	7.5
2	*6465.00	92.4 AV			2.57 H	123	84.9	7.5
3	#12930.00	47.5 PK	88.2	-40.7	1.72 H	173	32.4	15.1
4	#12930.00	35.9 AV	68.2	-32.3	1.72 H	173	20.8	15.1
5	19395.00	58.8 PK	74.0	-15.2	2.48 H	155	65.3	-6.5
6	19395.00	46.9 AV	54.0	-7.1	2.48 H	155	53.4	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

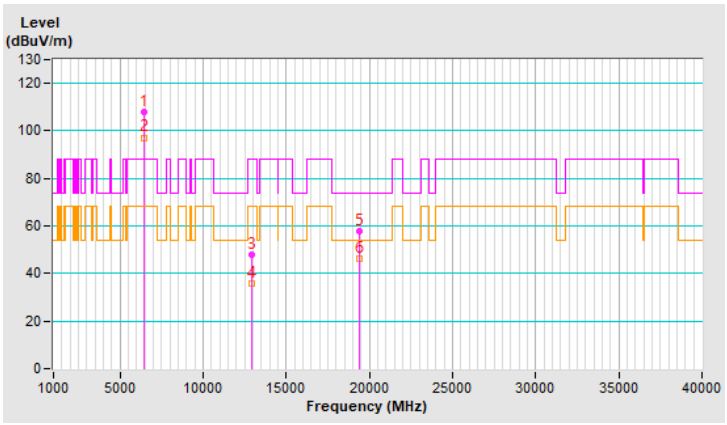


RF Mode	802.11ax (HE80)	Channel	CH 103：6465 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6465.00	107.8 PK			1.96 V	97	100.3	7.5
2	*6465.00	97.2 AV			1.96 V	97	89.7	7.5
3	#12930.00	48.1 PK	88.2	-40.1	2.35 V	145	33.0	15.1
4	#12930.00	35.6 AV	68.2	-32.6	2.35 V	145	20.5	15.1
5	19395.00	57.7 PK	74.0	-16.3	1.55 V	209	64.2	-6.5
6	19395.00	46.2 AV	54.0	-7.8	1.55 V	209	52.7	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

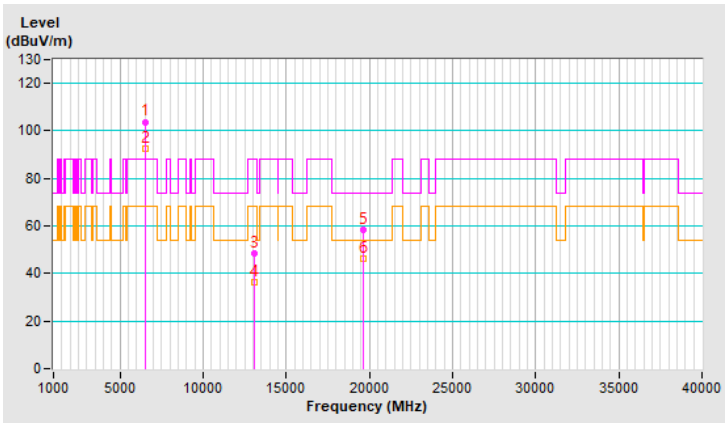


RF Mode	802.11ax (HE80)	Channel	CH 119：6545 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6545.00	103.8 PK			2.51 H	124	95.8	8.0
2	*6545.00	92.5 AV			2.51 H	124	84.5	8.0
3	#13090.00	48.3 PK	88.2	-39.9	1.75 H	171	33.2	15.1
4	#13090.00	36.5 AV	68.2	-31.7	1.75 H	171	21.4	15.1
5	19635.00	58.4 PK	74.0	-15.6	2.58 H	129	64.4	-6.0
6	19635.00	46.3 AV	54.0	-7.7	2.58 H	129	52.3	-6.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

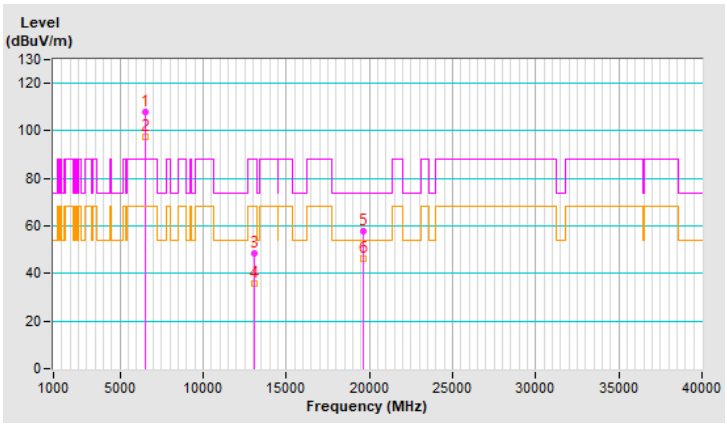


RF Mode	802.11ax (HE80)	Channel	CH 119：6545 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6545.00	107.7 PK			2.00 V	97	99.7	8.0
2	*6545.00	97.4 AV			2.00 V	97	89.4	8.0
3	#13090.00	48.2 PK	88.2	-40.0	2.35 V	142	33.1	15.1
4	#13090.00	35.7 AV	68.2	-32.5	2.35 V	142	20.6	15.1
5	19635.00	57.8 PK	74.0	-16.2	1.59 V	221	63.8	-6.0
6	19635.00	46.1 AV	54.0	-7.9	1.59 V	221	52.1	-6.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

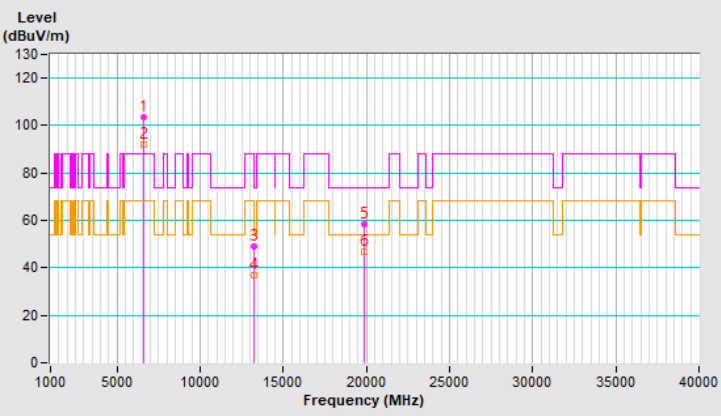


RF Mode	802.11ax (HE80)	Channel	CH 135：6625 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6625.00	103.7 PK			2.52 H	129	95.7	8.0
2	*6625.00	92.0 AV			2.52 H	129	84.0	8.0
3	13250.00	49.0 PK	74.0	-25.0	1.68 H	175	33.4	15.6
4	13250.00	36.8 AV	54.0	-17.2	1.68 H	175	21.2	15.6
5	19875.00	58.6 PK	74.0	-15.4	2.53 H	130	64.5	-5.9
6	19875.00	46.8 AV	54.0	-7.2	2.53 H	130	52.7	-5.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

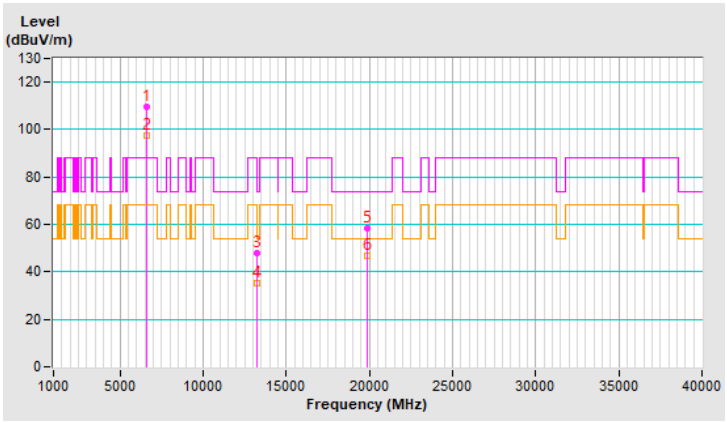


RF Mode	802.11ax (HE80)	Channel	CH 135：6625 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6625.00	109.8 PK			1.58 V	94	101.8	8.0
2	*6625.00	97.4 AV			1.58 V	94	89.4	8.0
3	13250.00	47.8 PK	74.0	-26.2	2.37 V	158	32.2	15.6
4	13250.00	35.4 AV	54.0	-18.6	2.37 V	158	19.8	15.6
5	19875.00	58.5 PK	74.0	-15.5	1.50 V	223	64.4	-5.9
6	19875.00	46.8 AV	54.0	-7.2	1.50 V	223	52.7	-5.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

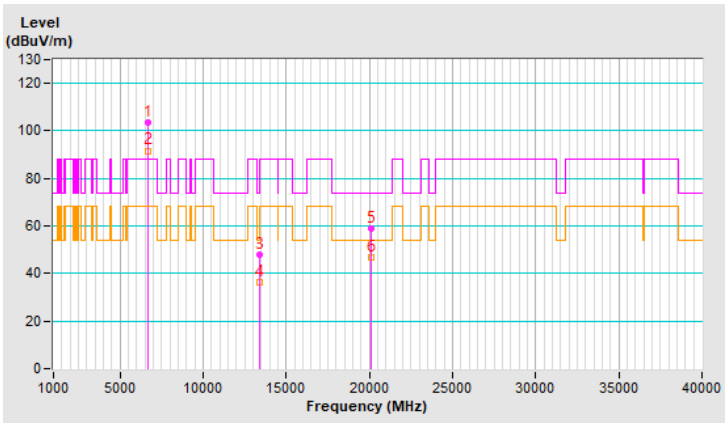


RF Mode	802.11ax (HE80)	Channel	CH 151：6705 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6705.00	103.3 PK			2.53 H	127	95.4	7.9
2	*6705.00	91.7 AV			2.53 H	127	83.8	7.9
3	#13410.00	48.0 PK	88.2	-40.2	1.66 H	184	31.9	16.1
4	#13410.00	36.2 AV	68.2	-32.0	1.66 H	184	20.1	16.1
5	20115.00	58.8 PK	74.0	-15.2	2.54 H	132	64.2	-5.4
6	20115.00	46.6 AV	54.0	-7.4	2.54 H	132	52.0	-5.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

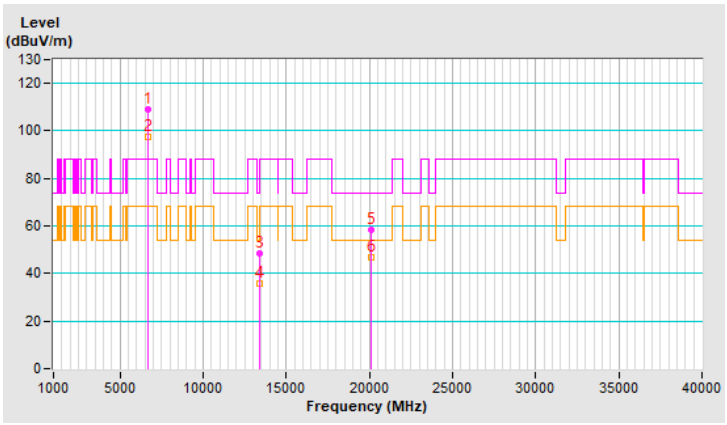


RF Mode	802.11ax (HE80)	Channel	CH 151：6705 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6705.00	108.8 PK			1.96 V	93	100.9	7.9
2	*6705.00	97.3 AV			1.96 V	93	89.4	7.9
3	#13410.00	48.3 PK	88.2	-39.9	2.37 V	132	32.2	16.1
4	#13410.00	35.6 AV	68.2	-32.6	2.37 V	132	19.5	16.1
5	20115.00	58.6 PK	74.0	-15.4	1.56 V	204	64.0	-5.4
6	20115.00	46.9 AV	54.0	-7.1	1.56 V	204	52.3	-5.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

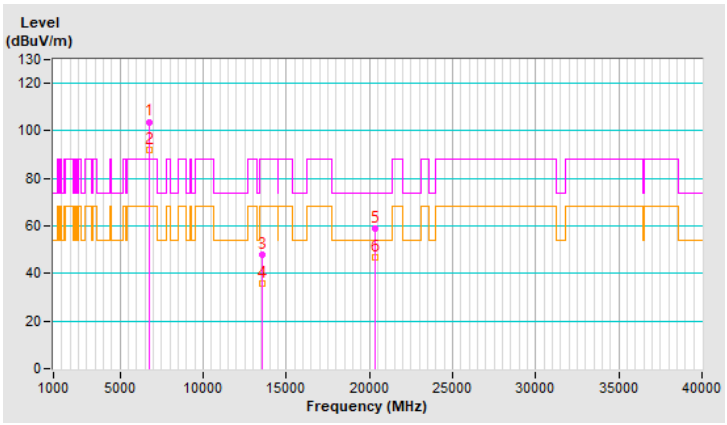


RF Mode	802.11ax (HE80)	Channel	CH 167：6785 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6785.00	103.8 PK			2.60 H	134	95.8	8.0
2	*6785.00	91.9 AV			2.60 H	134	83.9	8.0
3	#13570.00	48.0 PK	88.2	-40.2	1.73 H	162	31.5	16.5
4	#13570.00	36.0 AV	68.2	-32.2	1.73 H	162	19.5	16.5
5	20355.00	58.9 PK	74.0	-15.1	2.56 H	156	64.2	-5.3
6	20355.00	46.9 AV	54.0	-7.1	2.56 H	156	52.2	-5.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

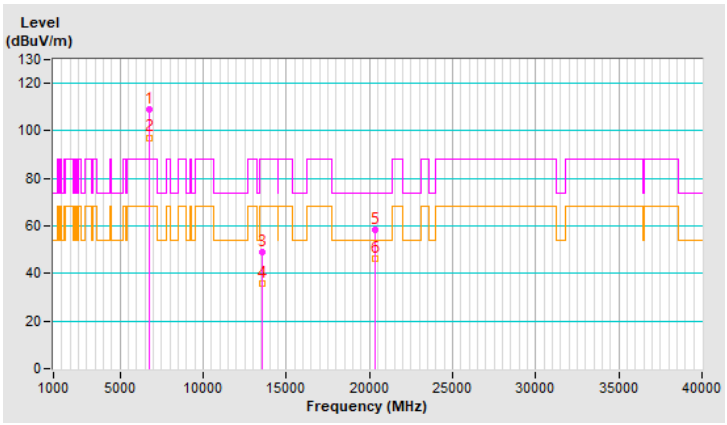


RF Mode	802.11ax (HE80)	**Channel**	CH 167：6785 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6785.00	108.8 PK			2.00 V	94	100.8	8.0
2	*6785.00	97.2 AV			2.00 V	94	89.2	8.0
3	#13570.00	48.8 PK	88.2	-39.4	2.34 V	129	32.3	16.5
4	#13570.00	36.0 AV	68.2	-32.2	2.34 V	129	19.5	16.5
5	20355.00	58.2 PK	74.0	-15.8	1.53 V	227	63.5	-5.3
6	20355.00	46.4 AV	54.0	-7.6	1.53 V	227	51.7	-5.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

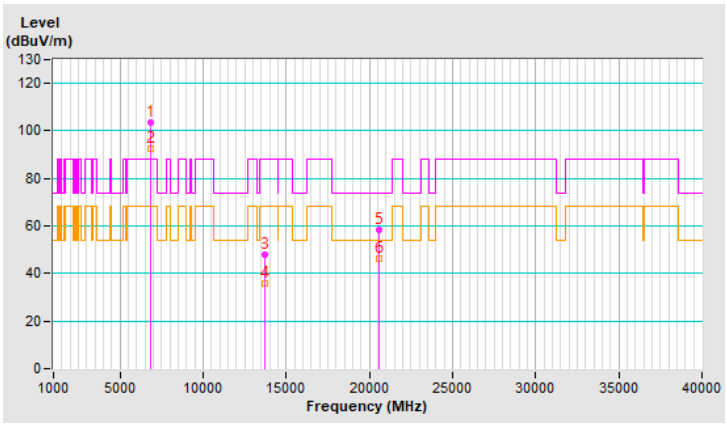


RF Mode	802.11ax (HE80)	Channel	CH 183：6865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6865.00	103.7 PK			2.54 H	117	95.3	8.4
2	*6865.00	92.3 AV			2.54 H	117	83.9	8.4
3	#13730.00	48.0 PK	88.2	-40.2	1.72 H	172	31.4	16.6
4	#13730.00	36.0 AV	68.2	-32.2	1.72 H	172	19.4	16.6
5	20595.00	58.3 PK	74.0	-15.7	2.55 H	151	63.1	-4.8
6	20595.00	46.5 AV	54.0	-7.5	2.55 H	151	51.3	-4.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

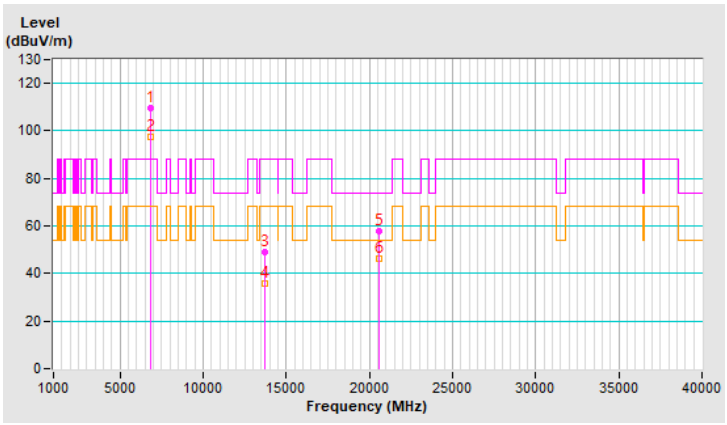


RF Mode	802.11ax (HE80)	Channel	CH 183：6865 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6865.00	109.5 PK			1.99 V	94	101.1	8.4
2	*6865.00	97.4 AV			1.99 V	94	89.0	8.4
3	#13730.00	48.8 PK	88.2	-39.4	2.37 V	143	32.2	16.6
4	#13730.00	35.9 AV	68.2	-32.3	2.37 V	143	19.3	16.6
5	20595.00	57.9 PK	74.0	-16.1	1.58 V	200	62.7	-4.8
6	20595.00	46.3 AV	54.0	-7.7	1.58 V	200	51.1	-4.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

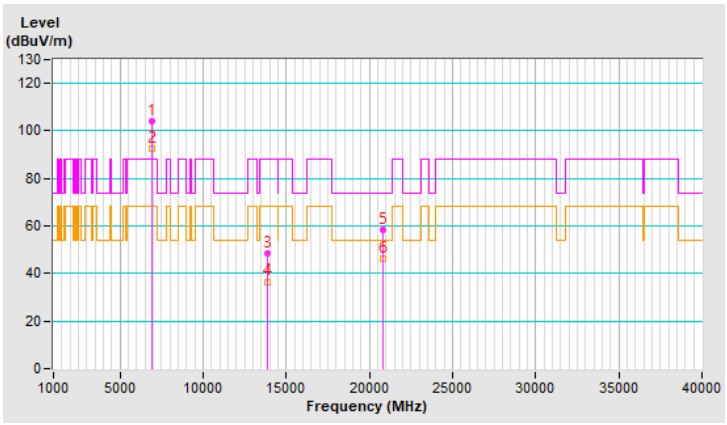


RF Mode	802.11ax (HE80)	Channel	CH 199：6945 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6945.00	104.0 PK			2.50 H	139	95.0	9.0
2	*6945.00	92.5 AV			2.50 H	139	83.5	9.0
3	#13890.00	48.4 PK	88.2	-39.8	1.77 H	163	31.3	17.1
4	#13890.00	36.6 AV	68.2	-31.6	1.77 H	163	19.5	17.1
5	20835.00	58.3 PK	74.0	-15.7	2.58 H	139	62.9	-4.6
6	20835.00	46.2 AV	54.0	-7.8	2.58 H	139	50.8	-4.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

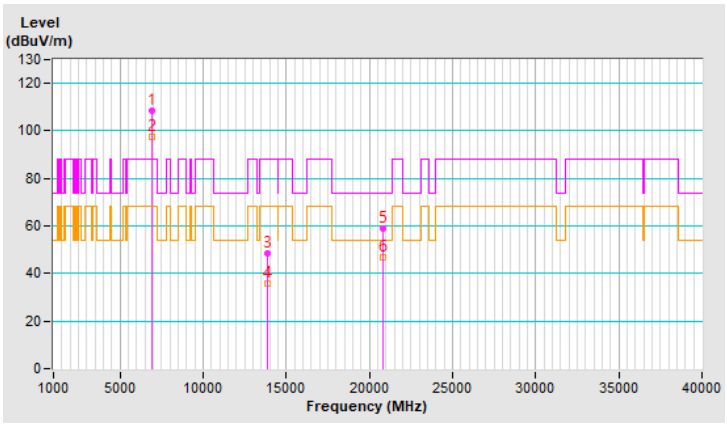


RF Mode	802.11ax (HE80)	Channel	CH 199：6945 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6945.00	108.4 PK			2.01 V	94	99.4	9.0
2	*6945.00	97.2 AV			2.01 V	94	88.2	9.0
3	#13890.00	48.6 PK	88.2	-39.6	2.30 V	135	31.5	17.1
4	#13890.00	35.8 AV	68.2	-32.4	2.30 V	135	18.7	17.1
5	20835.00	58.7 PK	74.0	-15.3	1.60 V	208	63.3	-4.6
6	20835.00	46.8 AV	54.0	-7.2	1.60 V	208	51.4	-4.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

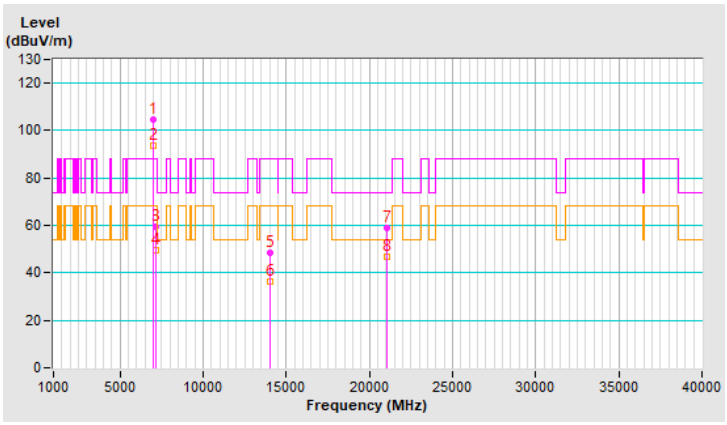


RF Mode	802.11ax (HE80)	Channel	CH 215：7025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7025.00	104.7 PK			2.00 H	90	95.2	9.5
2	*7025.00	93.4 AV			2.00 H	90	83.9	9.5
3	#7125.00	59.5 PK	88.2	-28.7	2.00 H	90	49.6	9.9
4	#7125.00	49.5 AV	68.2	-18.7	2.00 H	90	39.6	9.9
5	#14050.00	48.3 PK	88.2	-39.9	1.72 H	171	30.6	17.7
6	#14050.00	36.4 AV	68.2	-31.8	1.72 H	171	18.7	17.7
7	21075.00	59.1 PK	74.0	-14.9	2.51 H	130	63.3	-4.2
8	21075.00	47.0 AV	54.0	-7.0	2.51 H	130	51.2	-4.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

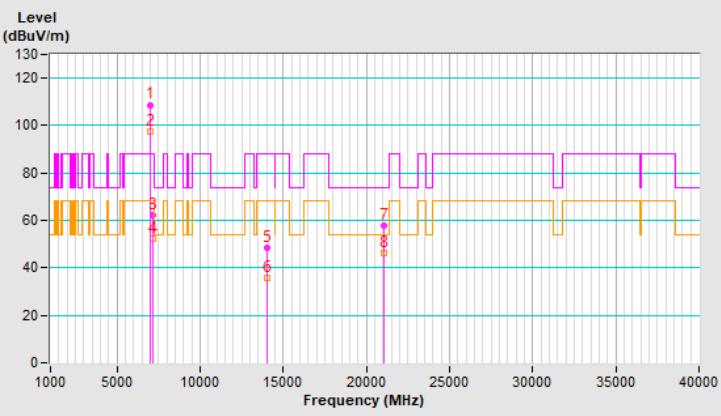


RF Mode	802.11ax (HE80)	Channel	CH 215：7025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*7025.00	108.8 PK			1.92 V	93	99.3	9.5
2	*7025.00	97.7 AV			1.92 V	93	88.2	9.5
3	#7125.00	62.2 PK	88.2	-26.0	1.92 V	93	52.3	9.9
4	#7125.00	52.1 AV	68.2	-16.1	1.92 V	93	42.2	9.9
5	#14050.00	48.5 PK	88.2	-39.7	2.37 V	145	30.8	17.7
6	#14050.00	35.8 AV	68.2	-32.4	2.37 V	145	18.1	17.7
7	21075.00	57.8 PK	74.0	-16.2	1.54 V	204	62.0	-4.2
8	21075.00	46.2 AV	54.0	-7.8	1.54 V	204	50.4	-4.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

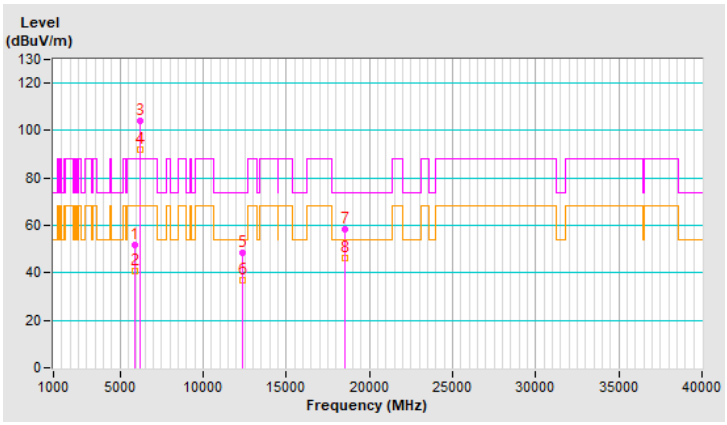


RF Mode	802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5920.00	52.0 PK	88.2	-36.2	1.88 H	35	46.5	5.5
2	#5920.00	40.5 AV	68.2	-27.7	1.88 H	35	35.0	5.5
3	*6185.00	104.0 PK			1.88 H	35	98.0	6.0
4	*6185.00	91.9 AV			1.88 H	35	85.9	6.0
5	12370.00	48.5 PK	74.0	-25.5	1.66 H	187	34.5	14.0
6	12370.00	36.8 AV	54.0	-17.2	1.66 H	187	22.8	14.0
7	18555.00	58.6 PK	74.0	-15.4	2.48 H	139	65.1	-6.5
8	18555.00	46.5 AV	54.0	-7.5	2.48 H	139	53.0	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

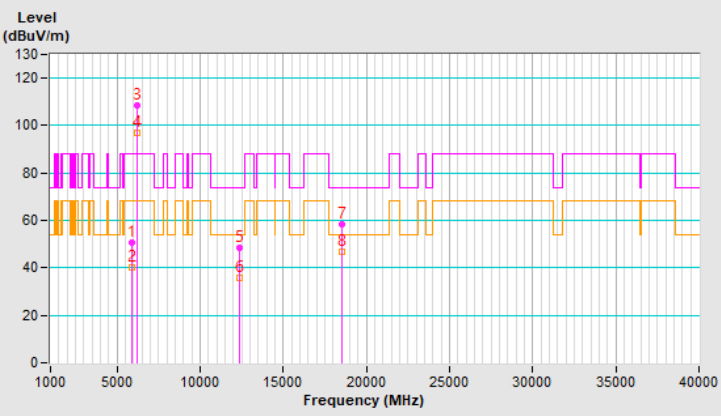


RF Mode	802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5920.00	50.7 PK	88.2	-37.5	1.99 V	94	45.2	5.5
2	#5920.00	40.4 AV	68.2	-27.8	1.99 V	94	34.9	5.5
3	*6185.00	108.7 PK			1.99 V	94	102.7	6.0
4	*6185.00	96.8 AV			1.99 V	94	90.8	6.0
5	12370.00	48.6 PK	74.0	-25.4	2.35 V	134	34.6	14.0
6	12370.00	35.9 AV	54.0	-18.1	2.35 V	134	21.9	14.0
7	18555.00	58.6 PK	74.0	-15.4	1.59 V	211	65.1	-6.5
8	18555.00	46.6 AV	54.0	-7.4	1.59 V	211	53.1	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

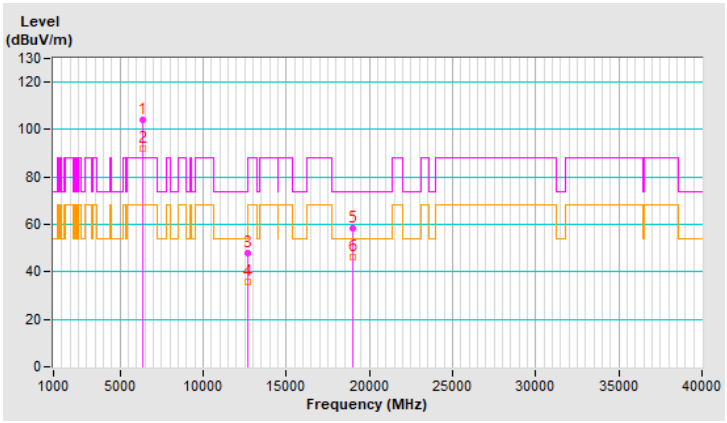


RF Mode	802.11ax (HE160)	**Channel**	CH 79：6345 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6345.00	104.1 PK			1.86 H	24	97.4	6.7
2	*6345.00	91.8 AV			1.86 H	24	85.1	6.7
3	12690.00	48.1 PK	74.0	-25.9	1.67 H	173	33.8	14.3
4	12690.00	36.0 AV	54.0	-18.0	1.67 H	173	21.7	14.3
5	19035.00	58.2 PK	74.0	-15.8	2.55 H	127	64.7	-6.5
6	19035.00	46.2 AV	54.0	-7.8	2.55 H	127	52.7	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

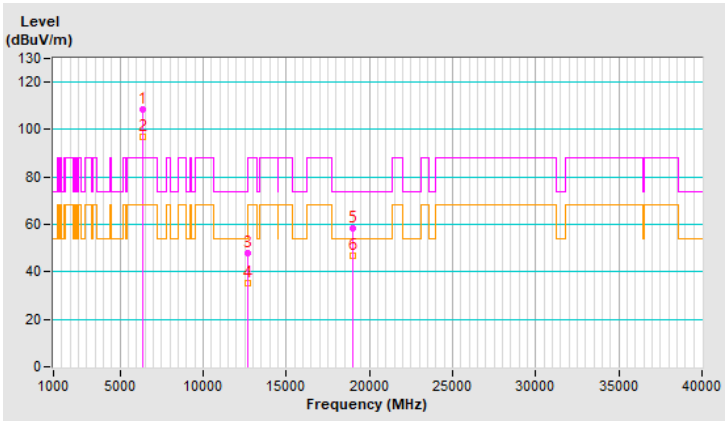


RF Mode	802.11ax (HE160)	Channel	CH 79：6345 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6345.00	108.6 PK			1.93 V	96	101.9	6.7
2	*6345.00	97.1 AV			1.93 V	96	90.4	6.7
3	12690.00	47.7 PK	74.0	-26.3	2.34 V	152	33.4	14.3
4	12690.00	35.2 AV	54.0	-18.8	2.34 V	152	20.9	14.3
5	19035.00	58.2 PK	74.0	-15.8	1.60 V	201	64.7	-6.5
6	19035.00	46.7 AV	54.0	-7.3	1.60 V	201	53.2	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

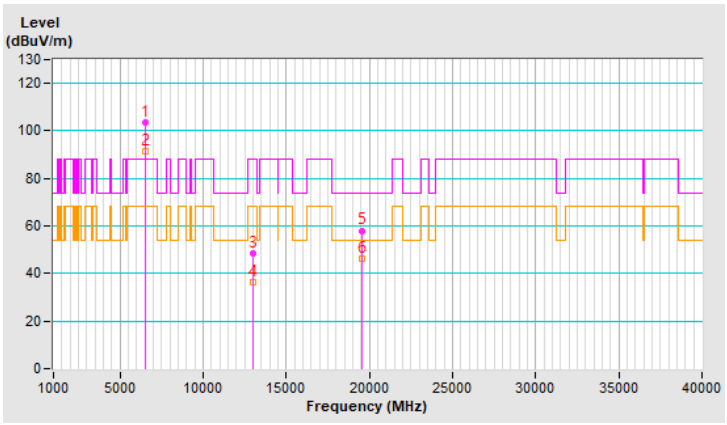


RF Mode	802.11ax (HE160)	Channel	CH 111：6505 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6505.00	103.6 PK			1.86 H	33	95.9	7.7
2	*6505.00	91.4 AV			1.86 H	33	83.7	7.7
3	#13010.00	48.2 PK	88.2	-40.0	1.74 H	179	33.2	15.0
4	#13010.00	36.4 AV	68.2	-31.8	1.74 H	179	21.4	15.0
5	19515.00	58.1 PK	74.0	-15.9	2.48 H	154	64.3	-6.2
6	19515.00	46.2 AV	54.0	-7.8	2.48 H	154	52.4	-6.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

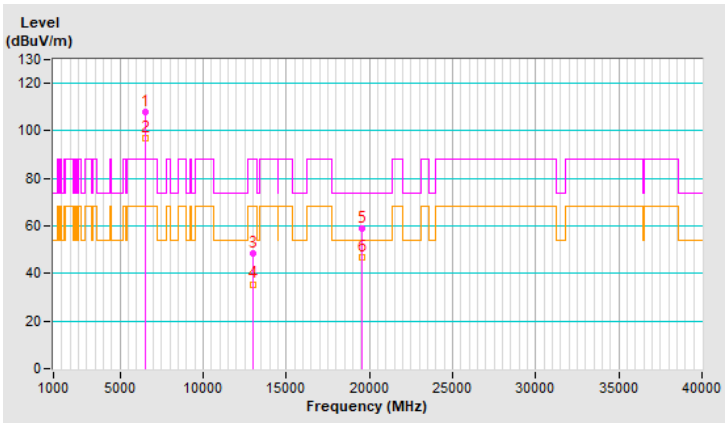


RF Mode	802.11ax (HE160)	Channel	CH 111：6505 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6505.00	108.1 PK			1.64 V	94	100.4	7.7
2	*6505.00	97.1 AV			1.64 V	94	89.4	7.7
3	#13010.00	48.2 PK	88.2	-40.0	2.35 V	152	33.2	15.0
4	#13010.00	35.5 AV	68.2	-32.7	2.35 V	152	20.5	15.0
5	19515.00	58.7 PK	74.0	-15.3	1.57 V	209	64.9	-6.2
6	19515.00	46.9 AV	54.0	-7.1	1.57 V	209	53.1	-6.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

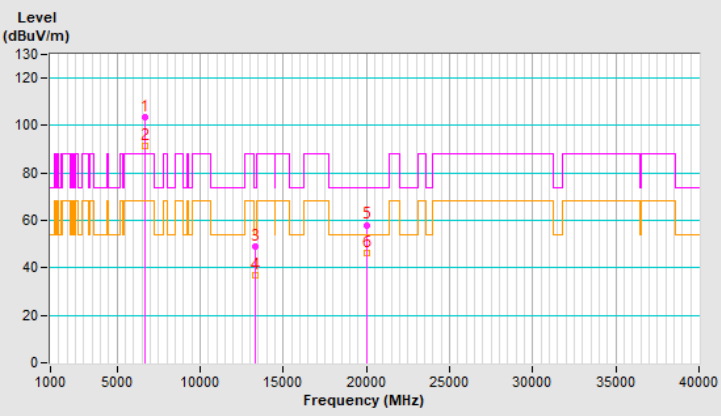


RF Mode	802.11ax (HE160)	Channel	CH 143：6665 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6665.00	103.7 PK			1.87 H	25	95.7	8.0
2	*6665.00	91.5 AV			1.87 H	25	83.5	8.0
3	13330.00	48.9 PK	74.0	-25.1	1.68 H	171	33.0	15.9
4	13330.00	36.8 AV	54.0	-17.2	1.68 H	171	20.9	15.9
5	19995.00	58.1 PK	74.0	-15.9	2.48 H	146	63.7	-5.6
6	19995.00	46.4 AV	54.0	-7.6	2.48 H	146	52.0	-5.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

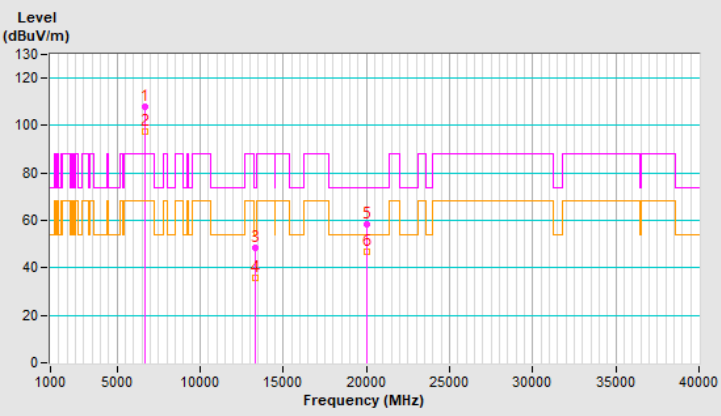


RF Mode	802.11ax (HE160)	**Channel**	CH 143：6665 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	*6665.00	107.8 PK			1.65 V	105	99.8	8.0
2	*6665.00	97.4 AV			1.65 V	105	89.4	8.0
3	13330.00	48.6 PK	74.0	-25.4	2.33 V	154	32.7	15.9
4	13330.00	35.8 AV	54.0	-18.2	2.33 V	154	19.9	15.9
5	19995.00	58.4 PK	74.0	-15.6	1.56 V	202	64.0	-5.6
6	19995.00	46.8 AV	54.0	-7.2	1.56 V	202	52.4	-5.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

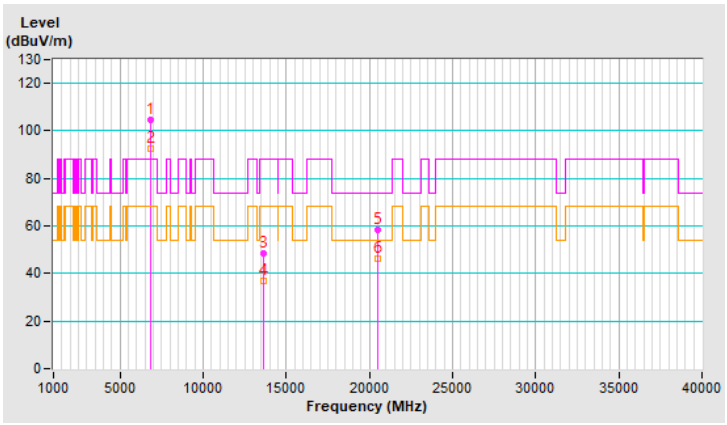


RF Mode	802.11ax (HE160)	Channel	CH 175：6825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6825.00	104.5 PK			1.90 H	48	96.3	8.2
2	*6825.00	92.3 AV			1.90 H	48	84.1	8.2
3	#13650.00	48.6 PK	88.2	-39.6	1.71 H	172	32.2	16.4
4	#13650.00	36.7 AV	68.2	-31.5	1.71 H	172	20.3	16.4
5	20475.00	58.4 PK	74.0	-15.6	2.52 H	140	63.2	-4.8
6	20475.00	46.5 AV	54.0	-7.5	2.52 H	140	51.3	-4.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

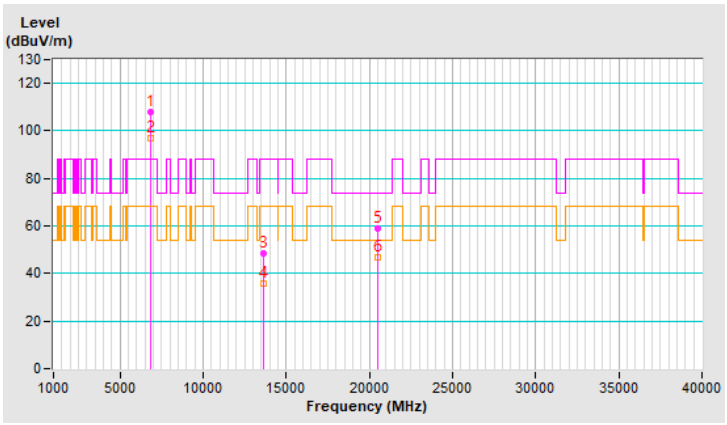


RF Mode	802.11ax (HE160)	Channel	CH 175：6825 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6825.00	108.1 PK			1.58 V	103	99.9	8.2
2	*6825.00	97.1 AV			1.58 V	103	88.9	8.2
3	#13650.00	48.4 PK	88.2	-39.8	2.26 V	130	32.0	16.4
4	#13650.00	35.7 AV	68.2	-32.5	2.26 V	130	19.3	16.4
5	20475.00	58.9 PK	74.0	-15.1	1.58 V	199	63.7	-4.8
6	20475.00	47.0 AV	54.0	-7.0	1.58 V	199	51.8	-4.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.



RF Mode	802.11ax (HE160)	Channel	CH 207：6985 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 10 Hz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 72% RH
Tested By	Sampson Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*6985.00	104.3 PK			2.44 H	146	94.9	9.4
2	*6985.00	93.5 AV			2.44 H	146	84.1	9.4
3	#7130.57	56.1 PK	88.2	-32.1	2.44 H	146	46.1	10.0
4	#7130.57	45.5 AV	68.2	-22.7	2.44 H	146	35.5	10.0
5	#13970.00	48.7 PK	88.2	-39.5	1.71 H	181	31.3	17.4
6	#13970.00	36.5 AV	68.2	-31.7	1.71 H	181	19.1	17.4
7	20955.00	58.4 PK	74.0	-15.6	2.49 H	155	62.7	-4.3
8	20955.00	46.5 AV	54.0	-7.5	2.49 H	155	50.8	-4.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.