FCC Test Report

Report No.:	RFBBQZ-WTW-P21060951
FCC ID:	PY321400546
Test Model:	WAX630E, WAX620E
Received Date:	May 05, 2021
Test Date:	Oct. 10 ~ Nov. 15, 2021
Issued Date:	Nov. 29, 2021
Applicant and Manufacturer:	NETGEAR, INC
Address:	350 East Plumeria Drive San Jose, CA 95134
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN
FCC Registration / Designation Number:	788550 / TW0003

Table of Contents

Release Control Record

Issue No.	Description	Date Issued
RFBBQZ-WTW-P21060951	Original release.	Nov. 29, 2021

1 Certificate of Conformity

Product:	Insight Managed WiFi 6E AXE7800 Tri-band Multi-Gig Access Point, Insight Managed WiFi 6E AXE5400 Tri-band Multi-Gig Access Point
Brand:	NETGEAR
Test Model:	WAX630E, WAX620E
Sample Status:	Engineering Sample
Applicant and Manufacturer:	NETGEAR, INC
Test Date:	Oct. 10 ~ Nov. 15, 2021
Standards:	47 CFR FCC Part 15, Subpart E (Section 15.407) ANSI C63.10:2013

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.

Prepared by : Celine Chou , **Date:** Nov. 29, 2021

Celine Chou / Senior Specialist

Approved by : Jeremy Lin , **Date:** Nov. 29, 2021

Jeremy Lin / Project Engineer

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
FCC Clause	Test Item	Result	Remarks
15.407(b)(9)	AC Power Conducted Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -1.21dB at 16.81800MHz.
15.407(b)(6) (9)	Radiated Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -0.6dB at 7125.00MHz.
15.407(b)(7)	In-Band Emission (Mask)	Pass	Meet the requirement of limit.
15.407(a)(5)	Max Average Transmit Power	Pass	Meet the requirement of limit.
15.407(a)(10)	Emission Bandwidth Measurement	Pass	Meet the requirement of limit.
15.407(a)(5)	Peak Power Spectral Density	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(a)(7) (8)	Dual Client- Proper Power Adjustment	N/A	Device associates with low power indoor AP only.
15.407(d)(5)	Operational restrictions for 6 GHz U-NII devices	Pass	Declaration by applicant
15.203	Antenna Requirement	Pass	Antenna connector is ipex(MHF 4L) not a standard connector.

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	Frequency	Expanded Uncertainty (k=2) (±)
Conducted Emissions at mains ports	150kHz ~ 30MHz	2.79 dB
Radiated Emissions up to 1 GHz	9kHz ~ 30MHz	3.04 dB
	30MHz ~ 200MHz	3.63 dB
	200MHz ~1000MHz	3.64 dB
Radiated Emissions above 1 GHz	1GHz ~ 18GHz	2.29 dB
	18GHz ~ 40GHz	2.29 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Insight Managed WiFi 6E AXE7800 Tri-band Multi-Gig Access Point, Insight Managed WiFi 6E AXE5400 Tri-band Multi-Gig Access Point
Brand	NETGEAR
Test Model	WAX630E, WAX620E
Model Difference	Refer to note
Sample Status	Engineering Sample
Power Supply Rating	12Vdc from adapter 54Vdc from POE
Modulation Type	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6Mbps 802.11n: up to 300Mbps 802.11ac: up to 1733.3Mbps 802.11ax: up to 2401.9Mbps
Operating Frequency	5955 ~ 6415MHz, 6435 ~ 6525MHz, 6525 ~ 6875MHz, 6875 ~ 7115MHz
Number of Channel	802.11a/ax (HE20): 59 802.11ax (HE40): 29 802.11ax (HE80): 14 802.11ax (HE160): 7
Output EIRP Power	Nss 1 5955 ~ 6415MHz: 25.93dBm / 391.742mW 6435 ~ 6525MHz: 24.50dBm / 281.838mW 6525 ~ 6875MHz: 24.51dBm / 282.488mW 6875 ~ 7115MHz: 24.87dBm / 306.902mW Nss 2 5955 ~ 6415MHz: 24.48dBm / 280.543mW 6435 ~ 6525MHz: 23.60dBm / 229.087mW 6525 ~ 6875MHz: 23.77dBm / 238.232mW 6875 ~ 7115MHz: 23.43dBm / 220.293mW
Antenna Type	Refer to note
Antenna Connector	Refer to note
Accessory Device	Refer to note
Cable Supplied	NA

Note:

1. The following models are provided to this EUT.

Brand	Model	Description
NETGEAR	WAX630E	2.4G & 6G support 2TX, 5G support 4TX
	WAX620E	2.4G & 5G & 6G support 2TX

* The model of the WAX630E was chosen for final test.

2. The EUT incorporates a MIMO function. Physically, the EUT provides 2 completed transmitters and 2 receivers.

Modulation Mode	TX Function	Beamforming Mode
802.11a	2TX (Nss 1)	Not Support
802.11ax (HE20)	2TX (Nss 1 / Nss 2)	Support
802.11ax (HE40)	2TX (Nss 1 / Nss 2)	Support
802.11ax (HE80)	2TX (Nss 1 / Nss 2)	Support
802.11ax (HE160)	2TX (Nss 1 / Nss 2)	Support

* For 802.11ax, Beamforming mode is the worst case for final tests after pretesting.

3. The EUT consumes power from the following adapters and POE.

Adapter 1	
Brand	NETGEAR
Model	AD2150F10
Input Power	100-120Vac, 50/60MHz, 1.0A Max.
Output Power	12Vdc, 3.5A
Power Line	1.8m power cable without core attached on adapter

Adapter 2	
Brand	NETGEAR
Model	2ABN042F
Input Power	100-240Vac, 50/60MHz, 1.3A Max.
Output Power	12Vdc, 3.5A
Power Line	1.85m power cable without core attached on adapter

* Adapter 1 was chosen for final test and presented in the test report.

POE (for support unit only)	
Brand	Fujjitsu Limited
Model	SJMPWJ1
Input Power	100Vac, 50/60Hz, 0.4A
Output Power	54Vdc, 0.8A

4. The Antenna information is listed as below.

No.	Type	Connector	Gain (dBi)			
			5955-6415MHz	6435-6525MHz	6525-6875MHz	6875-7115MHz
3	Dipole	ipex(MHF 4L)	2.87	2.25	2.35	1.58
6	Dipole	ipex(MHF 4L)	2.98	2.94	3.07	2.81

* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.2 Description of Test Modes

For 5925 ~ 6425MHz (U-NII-5 band)

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

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	5955 MHz	5	5975 MHz	9	5995 MHz	13	6015 MHz
17	6035 MHz	21	6055 MHz	25	6075 MHz	29	6095 MHz
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	6415 MHz

12 channels are provided for 802.11ax (HE40):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	5965 MHz	11	6005 MHz	19	6045 MHz	27	6085 MHz
35	6125 MHz	43	6165 MHz	51	6205 MHz	59	6245 MHz
67	6285 MHz	75	6325 MHz	83	6365 MHz	91	6405 MHz

6 channel is provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
7	5985 MHz	23	6065 MHz	39	6145 MHz	55	6225 MHz
71	6305 MHz	87	6385 MHz				

3 channels are provided for 802.11ax (HE160):

Channel	Frequency	Channel	Frequency	Channel	Frequency
15	6025 MHz	47	6185 MHz	79	6345 MHz

For 6425 ~ 6525MHz (U-NII-6 band)

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

2 channel are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
103	6465 MHz	*119	6545 MHz

1 channel is provided for 802.11ax (HE160):

Channel	Frequency
*111	6505 MHz

For 6525 ~ 6875MHz (U-NII-7 band)

18 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	*185	6875 MHz				

9 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
*187	6885 MHz						

4 channels are provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
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

For 6875 ~ 7125MHz (U-NII-8 band):

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

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
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	233	7115 MHz

5 channels are provided for 802.11ax (HE40):

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

2 channel is provided for 802.11ax (HE80):

Channel	Frequency	Channel	Frequency
199	6945 MHz	215	7025 MHz

1 channel is provided for 802.11ax (HE160):

Channel	Frequency
207	6985 MHz

Note: * mean this's straddle channel.

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable to						Description
	RE≥1G	RE<1G	IBE	PLC	CBP	APCM	
A	√	√	√	√	√	√	Powered by adpater
B	-	√	-	√	-	-	Powered by POE

Where **RE≥1G:** Radiated Emission above 1GHz **RE<1G:** Radiated Emission below 1GHz

PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement

IBE: In-Band Emission (MASK) **CBP:**Contention Based Protocol

Note:
1. The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on **X-plane**.
2. Radiated emission test (below 1GHz) and power line conducted emission test items chosen the worst maximum power.

Radiated Emission Measurement (Above 1GHz):

☒ 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.

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
A	802.11a	5955-6415	1 to 93	1, 33, 61, 93	OFDM	BPSK	6Mb/s
		6435-6525	97 to 113	97, 105, 113	OFDM	BPSK	6Mb/s
		6525-6855	117 to 185	117, 153, 181, 185	OFDM	BPSK	6Mb/s
		6875-7115	185 to 233	185, 213, 229, 233	OFDM	BPSK	6Mb/s
A	802.11ax (HE20)	5955-6415	1 to 93	1, 33, 61, 93	OFDMA	BPSK	MCS0
		6435-6525	97 to 113	97, 105, 113	OFDMA	BPSK	MCS0
		6525-6855	117 to 185	117, 153, 181, 185	OFDMA	BPSK	MCS0
		6875-7115	185 to 233	185, 213, 229, 233	OFDMA	BPSK	MCS0
A	802.11ax (HE40)	5955-6415	3 to 91	3, 35, 59, 91	OFDMA	BPSK	MCS0
		6435-6525	99 to 115	99, 107, 115	OFDMA	BPSK	MCS0
		6525-6855	115 to 187	115, 123, 155, 179, 187	OFDMA	BPSK	MCS0
		6875-7115	187 to 227	187, 211, 227	OFDMA	BPSK	MCS0
A	802.11ax (HE80)	5955-6415	7 to 87	7, 39, 55, 87	OFDMA	BPSK	MCS0
		6435-6525	103 to 119	103, 119	OFDMA	BPSK	MCS0
		6525-6855	119 to 183	119, 135, 151, 167, 183	OFDMA	BPSK	MCS0
		6875-7115	183 to 215	183, 199, 215	OFDMA	BPSK	MCS0
A	802.11ax (HE160)	5955-6415	15 to 79	15, 47, 79	OFDMA	BPSK	MCS0
		6435-6525	111	111	OFDMA	BPSK	MCS0
		6525-6855	143 to 175	143, 175	OFDMA	BPSK	MCS0
		6875-7115	207	207	OFDMA	BPSK	MCS0

Radiated Emission Measurement (Below 1GHz):

☒ 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.

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
A, B	802.11ax (HE160)	5955-6415	15 to 79	47	OFDMA	BPSK	MCS0
		6435-6525	111		OFDMA	BPSK	MCS0
		6525-6855	143 to 175		OFDMA	BPSK	MCS0
		6875-7115	207		OFDMA	BPSK	MCS0

In-Band Emission (MASK) Measurement:

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
A	802.11a	5955-6415	1 to 93	1, 33, 61, 93	OFDM	BPSK	6Mb/s
		6435-6525	97 to 113	97, 105, 113	OFDM	BPSK	6Mb/s
		6525-6855	117 to 185	117, 153, 181, 185	OFDM	BPSK	6Mb/s
		6875-7115	185 to 233	185, 213, 229, 233	OFDM	BPSK	6Mb/s
A	802.11ax (HE20)	5955-6415	1 to 93	1, 33, 61, 93	OFDMA	BPSK	MCS0
		6435-6525	97 to 113	97, 105, 113	OFDMA	BPSK	MCS0
		6525-6855	117 to 185	117, 153, 181, 185	OFDMA	BPSK	MCS0
		6875-7115	185 to 233	185, 213, 229, 233	OFDMA	BPSK	MCS0
A	802.11ax (HE40)	5955-6415	3 to 91	3, 35, 59, 91	OFDMA	BPSK	MCS0
		6435-6525	99 to 115	99, 107, 115	OFDMA	BPSK	MCS0
		6525-6855	115 to 187	115, 123, 155, 179, 187	OFDMA	BPSK	MCS0
		6875-7115	187 to 227	187, 211, 227	OFDMA	BPSK	MCS0
A	802.11ax (HE80)	5955-6415	7 to 87	7, 39, 55, 87	OFDMA	BPSK	MCS0
		6435-6525	103 to 119	103, 119	OFDMA	BPSK	MCS0
		6525-6855	119 to 183	183	OFDMA	BPSK	MCS0
		6875-7115	183 to 215	199, 215	OFDMA	BPSK	MCS0
A	802.11ax (HE160)	5955-6415	15 to 79	15, 47, 79	OFDMA	BPSK	MCS0
		6435-6525	111	111	OFDMA	BPSK	MCS0
		6525-6855	143 to 175	143, 175	OFDMA	BPSK	MCS0
		6875-7115	207	207	OFDMA	BPSK	MCS0

Power Line Conducted Emission Measurement:

☒ 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.

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
A, B	802.11ax (HE160)	5955-6415	15 to 79	47	OFDMA	BPSK	MCS0
		6435-6525	111		OFDMA	BPSK	MCS0
		6525-6855	143 to 175		OFDMA	BPSK	MCS0
		6875-7115	207		OFDMA	BPSK	MCS0

Antenna Port Conducted Measurement:

☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
☒ 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.

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
A	802.11a	5955-6415	1 to 93	1, 33, 61, 93	OFDM	BPSK	6Mb/s
		6435-6525	97 to 113	97, 105, 113	OFDM	BPSK	6Mb/s
		6525-6855	117 to 185	117, 153, 181, 185	OFDM	BPSK	6Mb/s
		6875-7115	185 to 233	185, 213, 229, 233	OFDM	BPSK	6Mb/s
A	802.11ax (HE20)	5955-6415	1 to 93	1, 33, 61, 93	OFDMA	BPSK	MCS0
		6435-6525	97 to 113	97, 105, 113	OFDMA	BPSK	MCS0
		6525-6855	117 to 185	117, 153, 181, 185	OFDMA	BPSK	MCS0
		6875-7115	185 to 233	185, 213, 229, 233	OFDMA	BPSK	MCS0
A	802.11ax (HE40)	5955-6415	3 to 91	3, 35, 59, 91	OFDMA	BPSK	MCS0
		6435-6525	99 to 115	99, 107, 115	OFDMA	BPSK	MCS0
		6525-6855	115 to 187	115, 123, 155, 179, 187	OFDMA	BPSK	MCS0
		6875-7115	187 to 227	187, 211, 227	OFDMA	BPSK	MCS0
A	802.11ax (HE80)	5955-6415	7 to 87	7, 39, 55, 87	OFDMA	BPSK	MCS0
		6435-6525	103 to 119	103, 119	OFDMA	BPSK	MCS0
		6525-6855	119 to 183	119, 135, 151, 167, 183	OFDMA	BPSK	MCS0
		6875-7115	183 to 215	183, 199, 215	OFDMA	BPSK	MCS0
A	802.11ax (HE160)	5955-6415	15 to 79	15, 47, 79	OFDMA	BPSK	MCS0
		6435-6525	111	111	OFDMA	BPSK	MCS0
		6525-6855	143 to 175	143, 175	OFDMA	BPSK	MCS0
		6875-7115	207	207	OFDMA	BPSK	MCS0

Contention Based Protocol Measurement:

☒ 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.

EUT Configure Mode	Mode	Frequency Band (MHz)	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Data Rate Parameter
A	802.11ax (HE20)	5955-6415	1 to 93	45	OFDMA	BPSK	MCS0
		6435-6525	97 to 113	97	OFDMA	BPSK	MCS0
		6525-6855	117 to 185	149	OFDMA	BPSK	MCS0
		6875-7115	185 to 233	209	OFDMA	BPSK	MCS0
A	802.11ax (HE160)	5955-6415	15 to 79	47	OFDMA	BPSK	MCS0
		6435-6525	111	111	OFDMA	BPSK	MCS0
		6525-6855	143 to 175	143	OFDMA	BPSK	MCS0
		6875-7115	207	207	OFDMA	BPSK	MCS0

Test Condition:

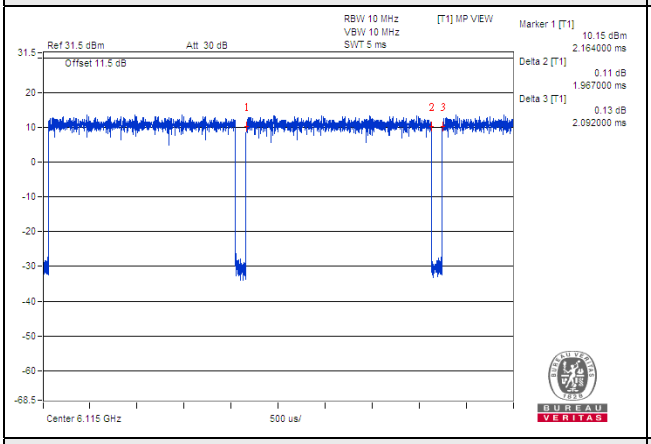
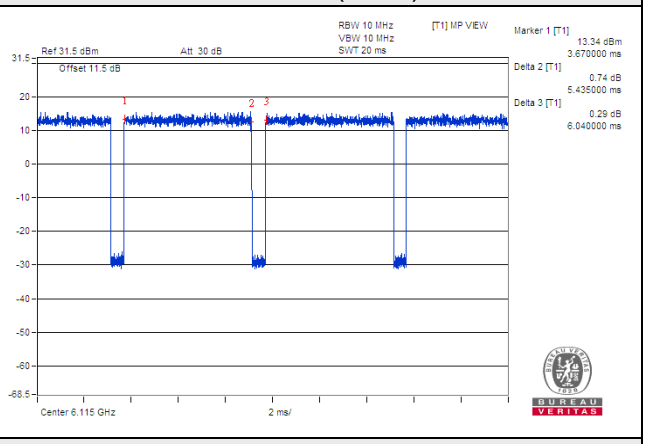
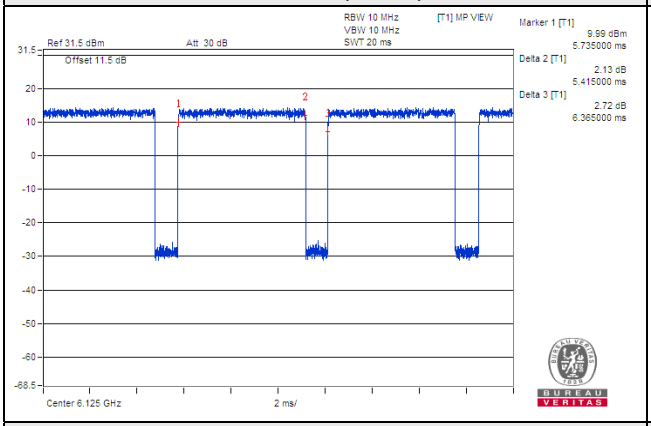
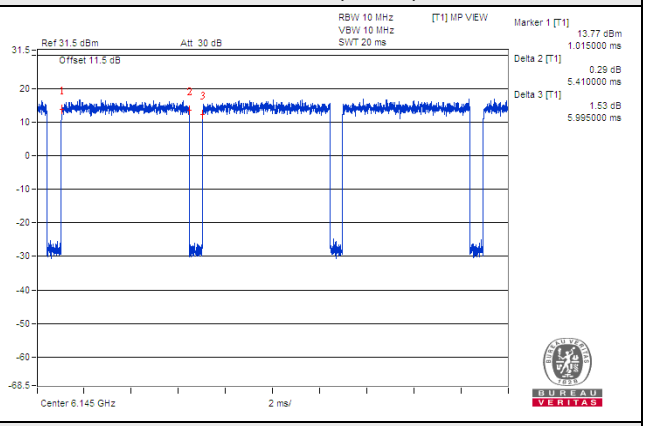
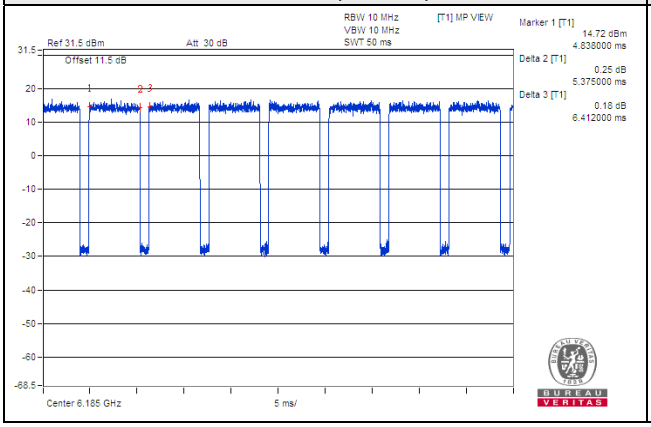
Applicable to	Environmental Conditions	Input Power	Tested by
RE≥1G	25 deg. C, 70% RH	120Vac, 60Hz	Luis Lee, Hans Wu
RE<1G	21 deg. C, 69% RH	120Vac, 60Hz	Rex Wang
	23 deg. C, 66% RH	54Vdc	Titan Hsu
PLC	25 deg. C, 70% RH	120Vac, 60Hz	Rex Wang
	23 deg. C, 66% RH	54Vdc	Titan Hsu
APCM	25 deg. C, 60% RH	120Vac, 60Hz	Jisyong Wang

3.3 Duty Cycle of Test Signal

Nss 1

Duty cycle of test signal is < 98%, duty factor is required.

802.11a: Duty cycle = 1.967/2.092 = 0.940, Duty factor = 10 * log (1/0.940) = 0.27
802.11ax (HE20): Duty cycle = 5.435/6.040 = 0.900, Duty factor = 10 * log (1/0.900) = 0.46
802.11ax (HE40): Duty cycle = 5.415/6.365 = 0.851, Duty factor = 10 * log (1/0.851) = 0.70
802.11ax (HE80): Duty cycle = 5.410/5.995 = 0.902, Duty factor = 10 * log (1/0.902) = 0.45
802.11ax (HE160): Duty cycle = 5.375/6.412 = 0.838, Duty factor = 10 * log (1/0.838) = 0.77

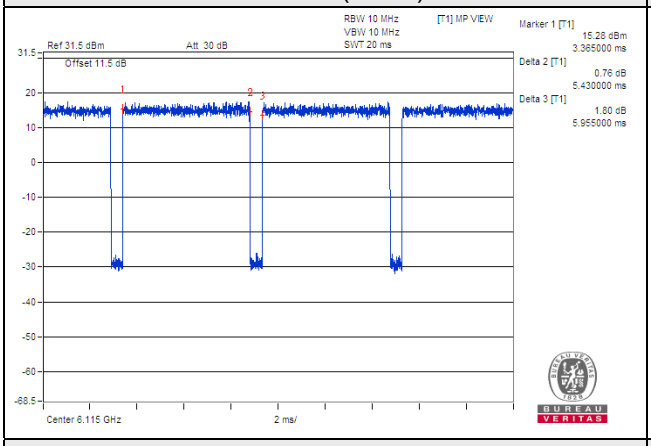
802.11a	802.11ax (HE20)
	
802.11ax (HE40)	802.11ax (HE80)
	
802.11ax (HE160)	
	

Nss 2

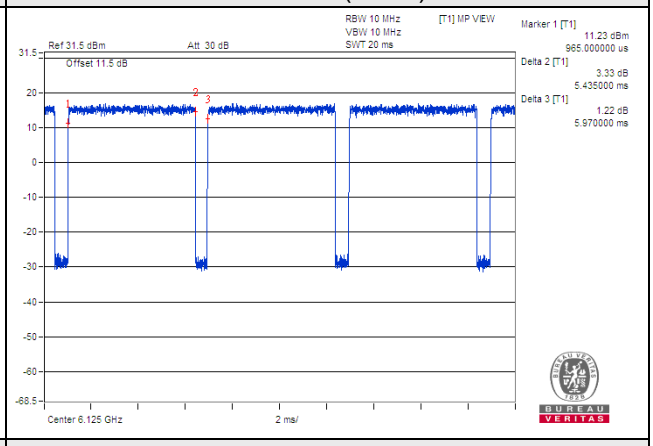
Duty cycle of test signal is < 98%, duty factor is required.

802.11ax (HE20): Duty cycle = 5.430/5.955 = 0.912, Duty factor = 10 * log (1/0.912) = 0.40
802.11ax (HE40): Duty cycle = 5.435/5.970 = 0.910, Duty factor = 10 * log (1/0.910) = 0.41
802.11ax (HE80): Duty cycle = 5.405/5.970 = 0.905, Duty factor = 10 * log (1/0.905) = 0.43
802.11ax (HE160): Duty cycle = 5.375/6.412 = 0.838, Duty factor = 10 * log (1/0.838) = 0.77

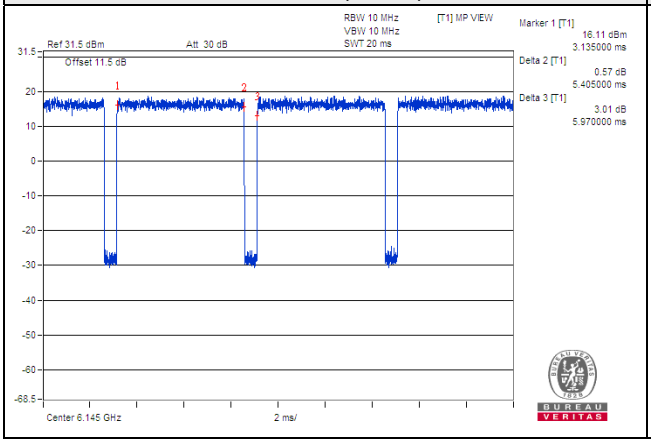
802.11ax (HE20)



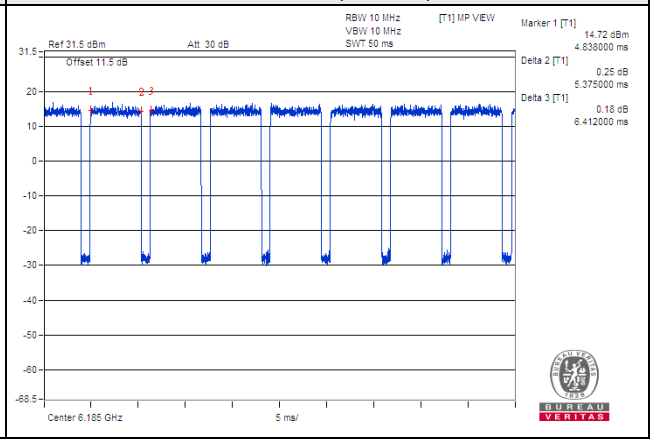
802.11ax (HE40)



802.11ax (HE80)



802.11ax (HE160)



3.4 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

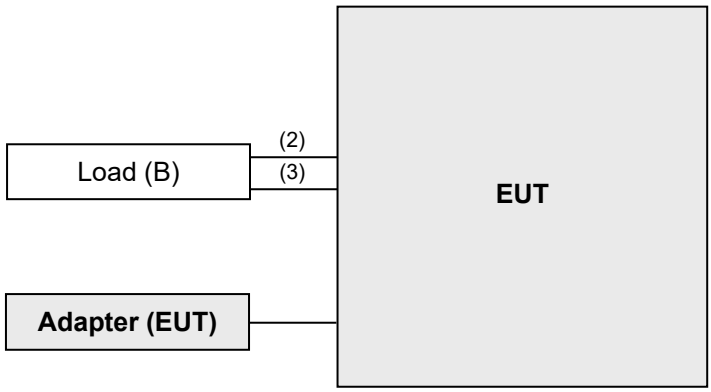
ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A.	Notebook	DELL	E5430	2RL3YW1	FCC DoC Approved	-
B.	Load	NA	NA	NA	FCC DoC Approved	-
C.	POE	Fujjitsu Limited	SJMPWJ1	NA	NA	Provided by manufacturer

Note: All power cords of the above support units are non-shielded (1.8m).

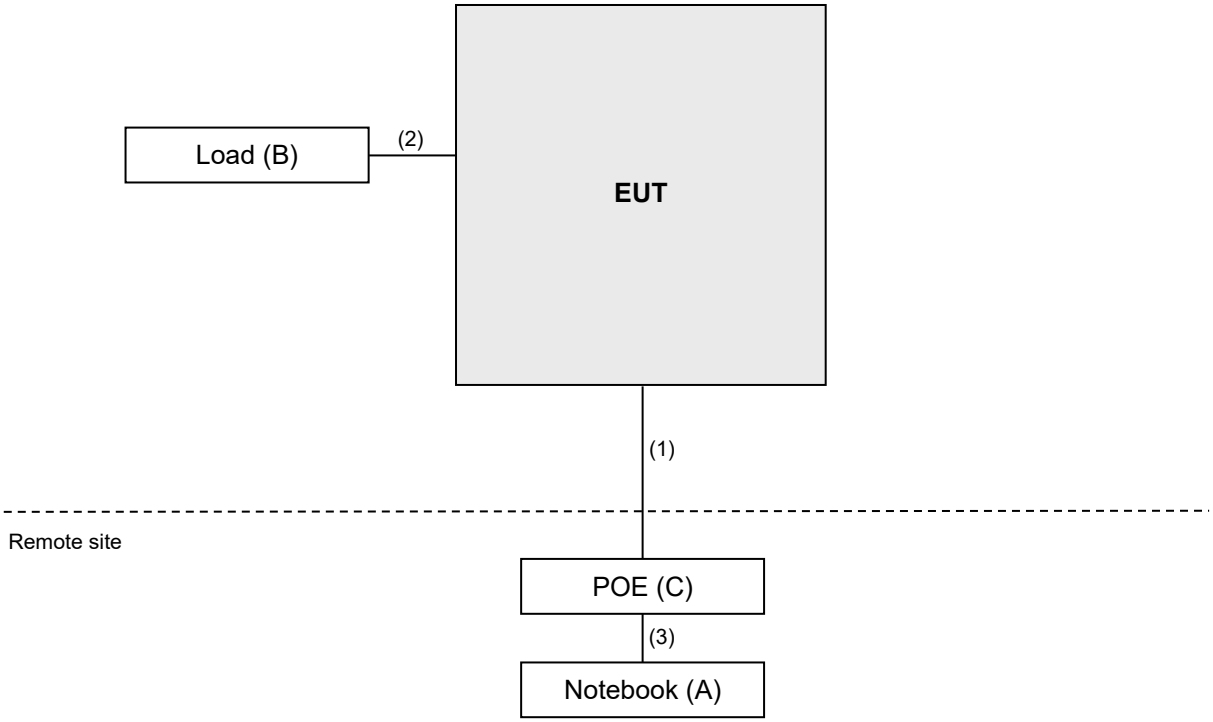
ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1.	LAN Cable	1	6	N	0	RJ45, Cat5e
2.	LAN Cable	1	1.5	N	0	RJ45, Cat5e
3.	LAN Cable	1	1.5	N	0	RJ45, Cat5e

3.4.1 Configuration of System under Test

Test Mode A



Test Mode B



3.5 General Description of Applied Standards and References

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards and references:

Test standard:
FCC Part 15, Subpart E (15.407)
ANSI C63.10:2013

All test items have been performed and recorded as per the above standards.

References Test Guidance:
KDB 987594 D02 EMC Measurement v01r01
KDB 789033 D02 General UNII Test Procedure New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01

All test items have been performed as a reference to the above KDB test guidance.

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

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

Note:

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 1000MHz, 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 20dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

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

4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESCI	100424	Dec. 31, 2020	Dec. 30, 2021
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100040	Sep. 15, 2021	Sep. 14, 2022
BILOG Antenna SCHWARZBECK	VULB9168	9168-155	Nov. 03, 2020	Nov. 02, 2021
			Nov. 01, 2021	Oct. 31, 2022
HORN Antenna SCHWARZBECK	BBHA 9120D	9120D-1170	Nov. 22, 2020	Nov. 21, 2021
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA9170241	Nov. 22, 2020	Nov. 21, 2021
Loop Antenna EMCI	EM-6879	269	Sep. 16, 2021	Sep. 15, 2022
Preamplifier Agilent (Below 1GHz)	8447D	2944A10631	Jun. 05, 2021	Jun. 04, 2022
Preamplifier KEYSIGHT (Above 1GHz)	83017A	MY53270295	Jun. 05, 2021	Jun. 04, 2022
RF Coaxial Cable WOKEN With 5dB PAD	8D-FB	Cable-CH4-01	Jul. 24, 2021	Jul. 23, 2022
RF Coaxial Cable EMCI	EMC102-KM-KM-3000	150929	Jul. 24, 2021	Jul. 23, 2022
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	Jul. 24, 2021	Jul. 23, 2022
RF signal cable HUBER+SUHNER	SUCOFLEX 104	MY 13380+295012/04	Jun. 05, 2021	Jun. 04, 2022
RF signal cable HUBER+SUHNER	SUCOFLEX 104	Cable-CH4-03 (250724)	Jun. 05, 2021	Jun. 04, 2022
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower inn-co GmbH	MA 4000	010303	NA	NA
Antenna Tower Controller BV ADT	AT100	AT93021703	NA	NA
Turn Table BV ADT	TT100	TT93021703	NA	NA
Turn Table Controller BV ADT	SC100	SC93021703	NA	NA
Peak Power Analyzer KEYSIGHT	8990B	MY51000485	Jan. 19, 2021	Jan. 18, 2022
Wideband Power Sensor KEYSIGHT	N1923A	MY58020002	Jan. 11, 2021	Jan. 10, 2022
Boresight Antenna Fixture	FBA-01	FBA-SIP01	NA	NA
Pre-amplifier (18GHz-40GHz) EMC	EMC184045B	980175	Sep. 04, 2021	Sep. 03, 2022

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Chamber 4.

4.1.3 Test Procedures

For Radiated emission below 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. 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.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) 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.

f. The test-receiver system was set to peak and average detect 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.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.

2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.

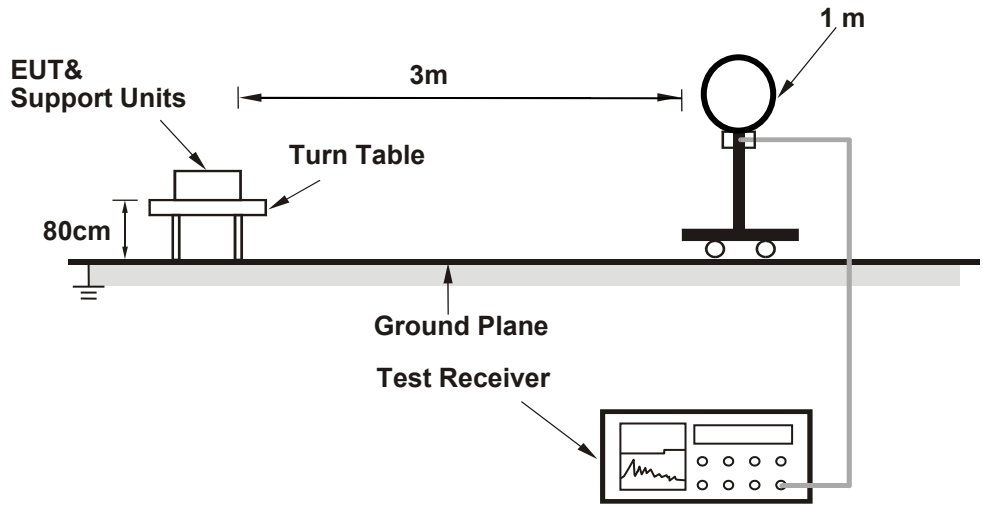
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
   Nss 1
   (802.11a: RBW = 1MHz, VBW = 1kHz; 802.11ax (HE20): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE40): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE80): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE160): RBW = 1MHz, VBW = 1kHz)
   Nss 2
   (802.11ax (HE20): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE40): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE80): RBW = 1MHz, VBW = 1kHz; 802.11ax (HE160): RBW = 1MHz, VBW = 1kHz)
4. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

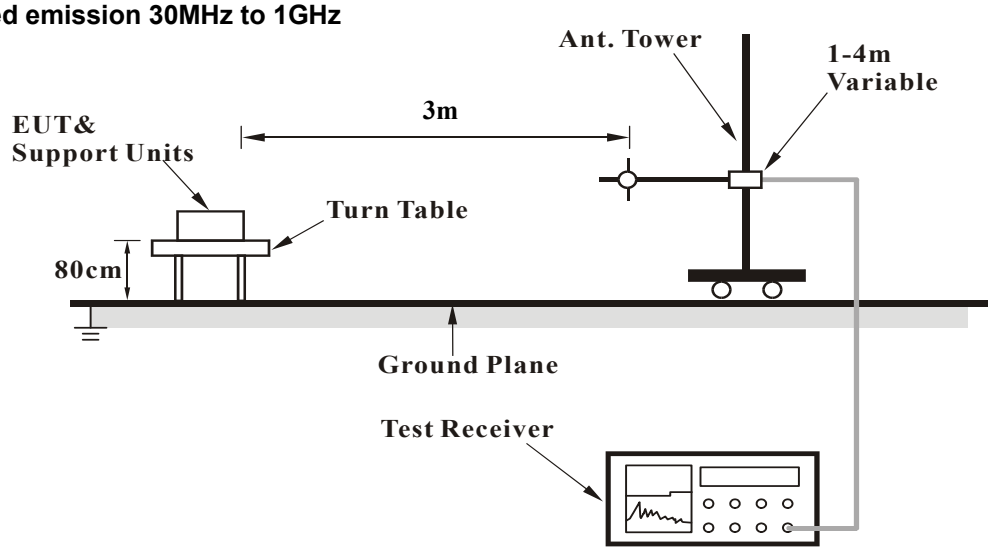
No deviation.

4.1.5 Test Setup

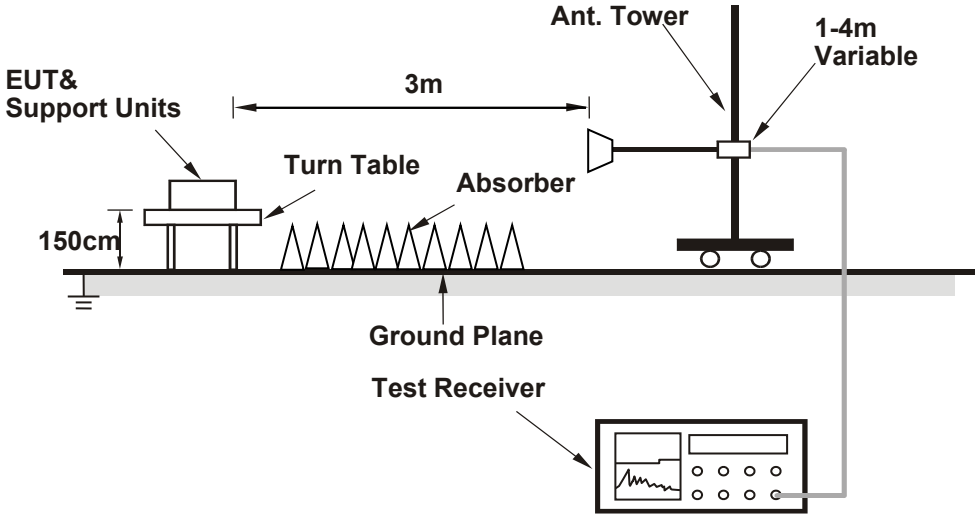
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



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

4.1.6 EUT Operating Conditions

a. Placed the EUT on the testing table.
b. Prepared a notebook to act as a communication partner and placed it outside of testing area.
c. The communication partner connected with EUT via a RJ45 cable and ran a test program (provided by manufacturer) to enable EUT under transmission condition continuously at specific channel frequency.
d. The communication partner sent data to EUT by command.

4.1.7 Test Results

Above 1GHz data:

Nss 1

RF Mode	TX 802.11a 6G	Channel	CH 1：5955 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	#5925.00	60.1 PK	88.2	-28.1	1.29 H	131	45.7	14.4
2	#5925.00	48.6 AV	68.2	-19.6	1.29 H	131	34.2	14.4
3	*5955.00	110.5 PK			1.29 H	131	66.2	44.3
4	*5955.00	101.4 AV			1.29 H	131	57.1	44.3
5	11910.00	61.2 PK	74.0	-12.8	2.41 H	165	38.3	22.9
6	11910.00	49.5 AV	54.0	-4.5	2.41 H	165	26.6	22.9
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	#5925.00	59.8 PK	88.2	-28.4	3.71 V	166	45.4	14.4
2	#5925.00	48.5 AV	68.2	-19.7	3.71 V	166	34.1	14.4
3	*5955.00	104.4 PK			3.71 V	166	60.1	44.3
4	*5955.00	95.2 AV			3.71 V	166	50.9	44.3
5	11910.00	61.1 PK	74.0	-12.9	1.42 V	210	38.2	22.9
6	11910.00	49.3 AV	54.0	-4.7	1.42 V	210	26.4	22.9

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 33：6115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*6115.00	110.5 PK			1.33 H	135	66.1	44.4
2	*6115.00	101.6 AV			1.33 H	135	57.2	44.4
3	12230.00	61.2 PK	74.0	-12.8	2.46 H	165	38.5	22.7
4	12230.00	49.6 AV	54.0	-4.4	2.46 H	165	26.9	22.7
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	*6115.00	104.7 PK			3.80 V	159	60.3	44.4
2	*6115.00	95.2 AV			3.80 V	159	50.8	44.4
3	12230.00	60.8 PK	74.0	-13.2	1.40 V	236	38.1	22.7
4	12230.00	49.0 AV	54.0	-5.0	1.40 V	236	26.3	22.7

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.

RF Mode	TX 802.11a 6G	Channel	CH 61：6255 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.0 PK			1.25 H	136	66.1	44.9
2	*6255.00	101.9 AV			1.25 H	136	57.0	44.9
3	12510.00	60.5 PK	74.0	-13.5	2.36 H	168	38.1	22.4
4	12510.00	49.2 AV	54.0	-4.8	2.36 H	168	26.8	22.4
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	105.2 PK			3.79 V	168	60.3	44.9
2	*6255.00	95.6 AV			3.79 V	168	50.7	44.9
3	12510.00	60.8 PK	74.0	-13.2	1.49 V	221	38.4	22.4
4	12510.00	48.9 AV	54.0	-5.1	1.49 V	221	26.5	22.4

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.

RF Mode	TX 802.11a 6G	Channel	CH 93：6415 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.4 PK			1.30 H	142	66.5	45.9
2	*6415.00	103.3 AV			1.30 H	142	57.4	45.9
3	#12830.00	61.5 PK	88.2	-26.7	2.31 H	189	38.4	23.1
4	#12830.00	49.9 AV	68.2	-18.3	2.31 H	189	26.8	23.1
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	106.2 PK			3.77 V	169	60.3	45.9
2	*6415.00	97.0 AV			3.77 V	169	51.1	45.9
3	#12830.00	61.1 PK	88.2	-27.1	1.52 V	233	38.0	23.1
4	#12830.00	49.6 AV	68.2	-18.6	1.52 V	233	26.5	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 97：6435 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.2 PK			1.52 H	133	64.2	46.0
2	*6435.00	99.6 AV			1.52 H	133	53.6	46.0
3	#12870.00	60.9 PK	88.2	-27.3	2.54 H	123	37.8	23.1
4	#12870.00	50.3 AV	68.2	-17.9	2.54 H	123	27.2	23.1
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	106.0 PK			3.60 V	163	60.0	46.0
2	*6435.00	94.9 AV			3.60 V	163	48.9	46.0
3	#12870.00	61.7 PK	88.2	-26.5	1.72 V	233	38.6	23.1
4	#12870.00	50.4 AV	68.2	-17.8	1.72 V	233	27.3	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 105：6475 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.7 PK			1.50 H	137	64.5	46.2
2	*6475.00	100.1 AV			1.50 H	137	53.9	46.2
3	#12950.00	61.2 PK	88.2	-27.0	2.61 H	117	38.1	23.1
4	#12950.00	50.6 AV	68.2	-17.6	2.61 H	117	27.5	23.1
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			3.62 V	165	59.9	46.2
2	*6475.00	94.9 AV			3.62 V	165	48.7	46.2
3	#12950.00	61.0 PK	88.2	-27.2	1.74 V	206	37.9	23.1
4	#12950.00	50.6 AV	68.2	-17.6	1.74 V	206	27.5	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 113：6515 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.2 PK			1.55 H	136	63.8	46.4
2	*6515.00	99.6 AV			1.55 H	136	53.2	46.4
3	#13030.00	60.8 PK	88.2	-27.4	2.60 H	138	37.5	23.3
4	#13030.00	50.9 AV	68.2	-17.3	2.60 H	138	27.6	23.3
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	106.8 PK			3.54 V	165	60.4	46.4
2	*6515.00	95.6 AV			3.54 V	165	49.2	46.4
3	#13030.00	60.9 PK	88.2	-27.3	1.83 V	228	37.6	23.3
4	#13030.00	50.7 AV	68.2	-17.5	1.83 V	228	27.4	23.3

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 117：6535 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	113.1 PK			1.33 H	128	66.6	46.5
2	*6535.00	104.0 AV			1.33 H	128	57.5	46.5
3	#13070.00	61.9 PK	88.2	-26.3	2.39 H	168	38.6	23.3
4	#13070.00	50.0 AV	68.2	-18.2	2.39 H	168	26.7	23.3
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	107.4 PK			3.81 V	165	60.9	46.5
2	*6535.00	97.2 AV			3.81 V	165	50.7	46.5
3	#13070.00	61.8 PK	88.2	-26.4	1.43 V	210	38.5	23.3
4	#13070.00	49.7 AV	68.2	-18.5	1.43 V	210	26.4	23.3

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 153：6715 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	113.5 PK			1.25 H	148	66.7	46.8
2	*6715.00	104.3 AV			1.25 H	148	57.5	46.8
3	#13430.00	63.1 PK	88.2	-25.1	2.55 H	47	38.7	24.4
4	#13430.00	50.9 AV	68.2	-17.3	2.55 H	47	26.5	24.4
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	107.6 PK			3.77 V	163	60.8	46.8
2	*6715.00	98.1 AV			3.77 V	163	51.3	46.8
3	#13430.00	62.8 PK	88.2	-25.4	1.55 V	243	38.4	24.4
4	#13430.00	50.6 AV	68.2	-17.6	1.55 V	243	26.2	24.4

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 181：6855 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	113.9 PK			1.29 H	144	66.9	47.0
2	*6855.00	104.4 AV			1.29 H	144	57.4	47.0
3	#13710.00	63.9 PK	88.2	-24.3	2.46 H	153	38.9	25.0
4	#13710.00	51.7 AV	68.2	-16.5	2.46 H	153	26.7	25.0
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	107.5 PK			3.88 V	169	60.5	47.0
2	*6855.00	98.4 AV			3.88 V	169	51.4	47.0
3	#13710.00	63.4 PK	88.2	-24.8	1.54 V	216	38.4	25.0
4	#13710.00	51.3 AV	68.2	-16.9	1.54 V	216	26.3	25.0

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 185：6875 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.4 PK			1.26 H	132	62.2	47.2
2	*6875.00	100.7 AV			1.26 H	132	53.5	47.2
3	#13750.00	63.9 PK	88.2	-24.3	1.41 H	128	38.9	25.0
4	#13750.00	51.7 AV	68.2	-16.5	1.41 H	128	26.7	25.0
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	106.6 PK			3.62 V	167	59.4	47.2
2	*6875.00	97.0 AV			3.62 V	167	49.8	47.2
3	#13750.00	63.3 PK	88.2	-24.9	1.79 V	234	38.3	25.0
4	#13750.00	51.4 AV	68.2	-16.8	1.79 V	234	26.4	25.0

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 213：7015 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.5 PK			1.28 H	139	62.4	48.1
2	*7015.00	101.3 AV			1.28 H	139	53.2	48.1
3	#14030.00	64.4 PK	88.2	-23.8	1.43 H	135	38.7	25.7
4	#14030.00	52.5 AV	68.2	-15.7	1.43 H	135	26.8	25.7
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	107.9 PK			3.68 V	169	59.8	48.1
2	*7015.00	97.7 AV			3.68 V	169	49.6	48.1
3	#14030.00	63.9 PK	88.2	-24.3	1.88 V	219	38.2	25.7
4	#14030.00	51.8 AV	68.2	-16.4	1.88 V	219	26.1	25.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 229：7095 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.9 PK			1.28 H	137	62.5	48.4
2	*7095.00	102.2 AV			1.28 H	137	53.8	48.4
3	#14190.00	64.9 PK	88.2	-23.3	1.34 H	120	38.8	26.1
4	#14190.00	53.0 AV	68.2	-15.2	1.34 H	120	26.9	26.1
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	107.6 PK			3.73 V	158	59.2	48.4
2	*7095.00	98.1 AV			3.73 V	158	49.7	48.4
3	#14190.00	64.3 PK	88.2	-23.9	1.77 V	246	38.2	26.1
4	#14190.00	52.4 AV	68.2	-15.8	1.77 V	246	26.3	26.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11a 6G	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*7115.00	109.0 PK			1.18 H	131	60.4	48.6
2	*7115.00	100.3 AV			1.18 H	131	51.7	48.6
3	#7125.00	81.5 PK	88.2	-6.7	1.18 H	131	63.4	18.1
4	#7125.00	65.7 AV	68.2	-2.5	1.18 H	131	47.6	18.1
5	#14230.00	65.1 PK	88.2	-23.1	1.55 H	127	38.9	26.2
6	#14230.00	52.8 AV	68.2	-15.4	1.55 H	127	26.6	26.2
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	*7115.00	104.7 PK			3.75 V	130	56.1	48.6
2	*7115.00	95.7 AV			3.75 V	130	47.1	48.6
3	#7125.00	73.1 PK	88.2	-15.1	3.75 V	130	55.0	18.1
4	#7125.00	62.5 AV	68.2	-5.7	3.75 V	130	44.4	18.1
5	#14230.00	65.0 PK	88.2	-23.2	1.82 V	233	38.8	26.2
6	#14230.00	52.9 AV	68.2	-15.3	1.82 V	233	26.7	26.2

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 1：5955 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	#5925.00	60.2 PK	88.2	-28.0	1.32 H	124	45.8	14.4
2	#5925.00	48.5 AV	68.2	-19.7	1.32 H	124	34.1	14.4
3	*5955.00	110.5 PK			1.32 H	124	66.2	44.3
4	*5955.00	100.7 AV			1.32 H	124	56.4	44.3
5	11910.00	61.3 PK	74.0	-12.7	2.44 H	169	38.4	22.9
6	11910.00	49.6 AV	54.0	-4.4	2.44 H	169	26.7	22.9
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	#5925.00	59.8 PK	88.2	-28.4	3.73 V	165	45.4	14.4
2	#5925.00	48.2 AV	68.2	-20.0	3.73 V	165	33.8	14.4
3	*5955.00	104.3 PK			3.73 V	165	60.0	44.3
4	*5955.00	94.5 AV			3.73 V	165	50.2	44.3
5	11910.00	61.1 PK	74.0	-12.9	1.47 V	201	38.2	22.9
6	11910.00	49.0 AV	54.0	-5.0	1.47 V	201	26.1	22.9

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 33：6115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*6115.00	110.8 PK			1.36 H	128	66.4	44.4
2	*6115.00	101.2 AV			1.36 H	128	56.8	44.4
3	12230.00	61.3 PK	74.0	-12.7	2.41 H	163	38.6	22.7
4	12230.00	49.5 AV	54.0	-4.5	2.41 H	163	26.8	22.7
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	*6115.00	104.6 PK			3.77 V	160	60.2	44.4
2	*6115.00	94.9 AV			3.77 V	160	50.5	44.4
3	12230.00	61.3 PK	74.0	-12.7	1.55 V	214	38.6	22.7
4	12230.00	49.0 AV	54.0	-5.0	1.55 V	214	26.3	22.7

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.

RF Mode	TX 802.11ax (HE20)	Channel	CH 61：6255 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.4 PK			1.36 H	170	66.5	44.9
2	*6255.00	101.5 AV			1.36 H	170	56.6	44.9
3	12510.00	60.9 PK	74.0	-13.1	2.49 H	182	38.5	22.4
4	12510.00	49.3 AV	54.0	-4.7	2.49 H	182	26.9	22.4
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	105.0 PK			3.77 V	162	60.1	44.9
2	*6255.00	95.3 AV			3.77 V	162	50.4	44.9
3	12510.00	60.6 PK	74.0	-13.4	1.55 V	204	38.2	22.4
4	12510.00	48.7 AV	54.0	-5.3	1.55 V	204	26.3	22.4

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.

RF Mode	TX 802.11ax (HE20)	Channel	CH 93：6415 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.4 PK			1.36 H	169	66.5	45.9
2	*6415.00	102.5 AV			1.36 H	169	56.6	45.9
3	#12830.00	61.9 PK	88.2	-26.3	2.41 H	162	38.8	23.1
4	#12830.00	50.0 AV	68.2	-18.2	2.41 H	162	26.9	23.1
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	106.2 PK			3.69 V	160	60.3	45.9
2	*6415.00	96.5 AV			3.69 V	160	50.6	45.9
3	#12830.00	61.5 PK	88.2	-26.7	1.55 V	203	38.4	23.1
4	#12830.00	49.6 AV	68.2	-18.6	1.55 V	203	26.5	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 97：6435 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.5 PK			1.51 H	137	63.5	46.0
2	*6435.00	100.4 AV			1.51 H	137	54.4	46.0
3	#12870.00	61.4 PK	88.2	-26.8	2.36 H	115	38.3	23.1
4	#12870.00	50.9 AV	68.2	-17.3	2.36 H	115	27.8	23.1
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	106.0 PK			3.62 V	160	60.0	46.0
2	*6435.00	96.5 AV			3.62 V	160	50.5	46.0
3	#12870.00	61.0 PK	88.2	-27.2	1.68 V	243	37.9	23.1
4	#12870.00	50.5 AV	68.2	-17.7	1.68 V	243	27.4	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 105：6475 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.4 PK			1.49 H	132	64.2	46.2
2	*6475.00	100.7 AV			1.49 H	132	54.5	46.2
3	#12950.00	61.6 PK	88.2	-26.6	2.25 H	123	38.5	23.1
4	#12950.00	51.1 AV	68.2	-17.1	2.25 H	123	28.0	23.1
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	106.0 PK			3.56 V	161	59.8	46.2
2	*6475.00	96.5 AV			3.56 V	161	50.3	46.2
3	#12950.00	60.6 PK	88.2	-27.6	1.78 V	252	37.5	23.1
4	#12950.00	50.3 AV	68.2	-17.9	1.78 V	252	27.2	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 113：6515 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.3 PK			1.50 H	134	63.9	46.4
2	*6515.00	100.6 AV			1.50 H	134	54.2	46.4
3	#13030.00	61.7 PK	88.2	-26.5	2.13 H	117	38.4	23.3
4	#13030.00	51.5 AV	68.2	-16.7	2.13 H	117	28.2	23.3
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	106.5 PK			3.57 V	163	60.1	46.4
2	*6515.00	96.1 AV			3.57 V	163	49.7	46.4
3	#13030.00	61.0 PK	88.2	-27.2	1.89 V	240	37.7	23.3
4	#13030.00	50.8 AV	68.2	-17.4	1.89 V	240	27.5	23.3

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 117：6535 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.2 PK			1.33 H	129	65.7	46.5
2	*6535.00	102.4 AV			1.33 H	129	55.9	46.5
3	#13070.00	61.9 PK	88.2	-26.3	2.49 H	166	38.6	23.3
4	#13070.00	49.8 AV	68.2	-18.4	2.49 H	166	26.5	23.3
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	106.7 PK			3.77 V	172	60.2	46.5
2	*6535.00	96.9 AV			3.77 V	172	50.4	46.5
3	#13070.00	61.5 PK	88.2	-26.7	1.55 V	213	38.2	23.3
4	#13070.00	49.7 AV	68.2	-18.5	1.55 V	213	26.4	23.3

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 153：6715 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.9 PK			1.38 H	122	66.1	46.8
2	*6715.00	103.4 AV			1.38 H	122	56.6	46.8
3	#13430.00	63.3 PK	88.2	-24.9	2.48 H	166	38.9	24.4
4	#13430.00	51.1 AV	68.2	-17.1	2.48 H	166	26.7	24.4
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	107.3 PK			3.69 V	186	60.5	46.8
2	*6715.00	97.1 AV			3.69 V	186	50.3	46.8
3	#13430.00	62.8 PK	88.2	-25.4	1.56 V	230	38.4	24.4
4	#13430.00	50.6 AV	68.2	-17.6	1.56 V	230	26.2	24.4

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 181：6855 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.8 PK			1.41 H	128	65.8	47.0
2	*6855.00	102.7 AV			1.41 H	128	55.7	47.0
3	#13710.00	63.8 PK	88.2	-24.4	2.48 H	152	38.8	25.0
4	#13710.00	51.6 AV	68.2	-16.6	2.48 H	152	26.6	25.0
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	106.7 PK			3.69 V	167	59.7	47.0
2	*6855.00	96.9 AV			3.69 V	167	49.9	47.0
3	#13710.00	63.4 PK	88.2	-24.8	1.42 V	227	38.4	25.0
4	#13710.00	51.3 AV	68.2	-16.9	1.42 V	227	26.3	25.0

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 185：6875 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.0 PK			1.18 H	131	62.8	47.2
2	*6875.00	100.3 AV			1.18 H	131	53.1	47.2
3	#13750.00	64.1 PK	88.2	-24.1	1.43 H	125	39.1	25.0
4	#13750.00	51.7 AV	68.2	-16.5	1.43 H	125	26.7	25.0
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	105.7 PK			3.77 V	129	58.5	47.2
2	*6875.00	96.4 AV			3.77 V	129	49.2	47.2
3	#13750.00	63.6 PK	88.2	-24.6	1.76 V	210	38.6	25.0
4	#13750.00	51.5 AV	68.2	-16.7	1.76 V	210	26.5	25.0

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 213：7015 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.8 PK			1.20 H	138	62.7	48.1
2	*7015.00	101.3 AV			1.20 H	138	53.2	48.1
3	#14030.00	64.4 PK	88.2	-23.8	2.46 H	142	38.7	25.7
4	#14030.00	52.2 AV	68.2	-16.0	2.46 H	142	26.5	25.7
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	106.5 PK			3.74 V	134	58.4	48.1
2	*7015.00	97.2 AV			3.74 V	134	49.1	48.1
3	#14030.00	64.1 PK	88.2	-24.1	1.40 V	234	38.4	25.7
4	#14030.00	51.9 AV	68.2	-16.3	1.40 V	234	26.2	25.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 229：7095 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.1 PK			1.24 H	140	62.7	48.4
2	*7095.00	101.6 AV			1.24 H	140	53.2	48.4
3	#14190.00	64.8 PK	88.2	-23.4	2.49 H	127	38.7	26.1
4	#14190.00	53.0 AV	68.2	-15.2	2.49 H	127	26.9	26.1
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			3.78 V	125	58.2	48.4
2	*7095.00	97.8 AV			3.78 V	125	49.4	48.4
3	#14190.00	64.5 PK	88.2	-23.7	1.74 V	209	38.4	26.1
4	#14190.00	52.4 AV	68.2	-15.8	1.74 V	209	26.3	26.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*7115.00	104.2 PK			1.18 H	133	55.6	48.6
2	*7115.00	93.9 AV			1.18 H	133	45.3	48.6
3	#7125.00	75.9 PK	88.2	-12.3	1.18 H	133	57.8	18.1
4	**#7125.00**	**67.6 AV**	**68.2**	**-0.6**	**1.18 H**	**133**	**49.5**	**18.1**
5	#14230.00	64.9 PK	88.2	-23.3	2.41 H	128	38.7	26.2
6	#14230.00	53.0 AV	68.2	-15.2	2.41 H	128	26.8	26.2
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	*7115.00	100.7 PK			3.72 V	136	52.1	48.6
2	*7115.00	90.6 AV			3.72 V	136	42.0	48.6
3	#7125.00	71.7 PK	88.2	-16.5	3.72 V	136	53.6	18.1
4	#7125.00	63.3 AV	68.2	-4.9	3.72 V	136	45.2	18.1
5	#14230.00	64.8 PK	88.2	-23.4	1.68 V	223	38.6	26.2
6	#14230.00	52.6 AV	68.2	-15.6	1.68 V	223	26.4	26.2

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 3：5965 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	#5925.00	60.9 PK	88.2	-27.3	1.49 H	157	46.5	14.4
2	#5925.00	48.7 AV	68.2	-19.5	1.49 H	157	34.3	14.4
3	*5965.00	107.8 PK			1.49 H	157	63.5	44.3
4	*5965.00	98.5 AV			1.49 H	157	54.2	44.3
5	11930.00	61.3 PK	74.0	-12.7	2.46 H	166	38.4	22.9
6	11930.00	49.7 AV	54.0	-4.3	2.46 H	166	26.8	22.9
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	#5925.00	60.8 PK	88.2	-27.4	3.70 V	159	46.4	14.4
2	#5925.00	48.6 AV	68.2	-19.6	3.70 V	159	34.2	14.4
3	*5965.00	102.1 PK			3.70 V	159	57.8	44.3
4	*5965.00	92.9 AV			3.70 V	159	48.6	44.3
5	11930.00	61.1 PK	74.0	-12.9	1.64 V	220	38.2	22.9
6	11930.00	49.5 AV	54.0	-4.5	1.64 V	220	26.6	22.9

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 35：6125 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*6125.00	108.0 PK			1.50 H	152	63.6	44.4
2	*6125.00	98.8 AV			1.50 H	152	54.4	44.4
3	12250.00	61.2 PK	74.0	-12.8	2.41 H	168	38.5	22.7
4	12250.00	49.6 AV	54.0	-4.4	2.41 H	168	26.9	22.7
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	*6125.00	102.3 PK			3.72 V	161	57.9	44.4
2	*6125.00	93.3 AV			3.72 V	161	48.9	44.4
3	12250.00	61.0 PK	74.0	-13.0	1.68 V	206	38.3	22.7
4	12250.00	49.4 AV	54.0	-4.6	1.68 V	206	26.7	22.7

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.

RF Mode	TX 802.11ax (HE40)	Channel	CH 59：6245 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	108.5 PK			1.46 H	158	63.6	44.9
2	*6245.00	99.3 AV			1.46 H	158	54.4	44.9
3	12490.00	60.9 PK	74.0	-13.1	2.53 H	169	38.5	22.4
4	12490.00	49.1 AV	54.0	-4.9	2.53 H	169	26.7	22.4
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	102.5 PK			3.75 V	163	57.6	44.9
2	*6245.00	93.4 AV			3.75 V	163	48.5	44.9
3	12490.00	60.7 PK	74.0	-13.3	1.69 V	214	38.3	22.4
4	12490.00	49.1 AV	54.0	-4.9	1.69 V	214	26.7	22.4

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.

RF Mode	TX 802.11ax (HE40)	Channel	CH 91：6405 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.6 PK			1.53 H	160	63.8	45.8
2	*6405.00	100.2 AV			1.53 H	160	54.4	45.8
3	#12810.00	61.7 PK	88.2	-26.5	2.45 H	169	38.6	23.1
4	#12810.00	49.9 AV	68.2	-18.3	2.45 H	169	26.8	23.1
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	103.4 PK			3.64 V	159	57.6	45.8
2	*6405.00	94.3 AV			3.64 V	159	48.5	45.8
3	#12810.00	61.2 PK	88.2	-27.0	1.63 V	217	38.1	23.1
4	#12810.00	49.4 AV	68.2	-18.8	1.63 V	217	26.3	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 99：6445 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.7 PK			1.53 H	136	65.7	46.0
2	*6445.00	100.3 AV			1.53 H	136	54.3	46.0
3	#12890.00	61.2 PK	88.2	-27.0	2.32 H	120	38.1	23.1
4	#12890.00	50.7 AV	68.2	-17.5	2.32 H	120	27.6	23.1
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	105.6 PK			3.52 V	158	59.6	46.0
2	*6445.00	95.2 AV			3.52 V	158	49.2	46.0
3	#12890.00	60.2 PK	88.2	-28.0	1.65 V	247	37.1	23.1
4	#12890.00	49.8 AV	68.2	-18.4	1.65 V	247	26.7	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 107：6485 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.4 PK			1.50 H	132	65.2	46.2
2	*6485.00	99.8 AV			1.50 H	132	53.6	46.2
3	#12970.00	60.4 PK	88.2	-27.8	2.24 H	106	37.2	23.2
4	#12970.00	50.2 AV	68.2	-18.0	2.24 H	106	27.0	23.2
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	105.7 PK			3.55 V	161	59.5	46.2
2	*6485.00	95.0 AV			3.55 V	161	48.8	46.2
3	#12970.00	60.6 PK	88.2	-27.6	1.78 V	219	37.4	23.2
4	#12970.00	50.4 AV	68.2	-17.8	1.78 V	219	27.2	23.2

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 115：6525 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.6 PK			1.42 H	135	66.1	46.5
2	*6525.00	101.2 AV			1.42 H	135	54.7	46.5
3	#13050.00	60.9 PK	88.2	-27.3	2.22 H	128	37.6	23.3
4	#13050.00	50.6 AV	68.2	-17.6	2.22 H	128	27.3	23.3
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	106.2 PK			3.42 V	164	59.7	46.5
2	*6525.00	95.6 AV			3.42 V	164	49.1	46.5
3	#13050.00	60.7 PK	88.2	-27.5	1.58 V	250	37.4	23.3
4	#13050.00	50.3 AV	68.2	-17.9	1.58 V	250	27.0	23.3

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 123：6565 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.3 PK			1.42 H	159	62.7	46.6
2	*6565.00	100.2 AV			1.42 H	159	53.6	46.6
3	#13130.00	62.2 PK	88.2	-26.0	2.41 H	195	38.7	23.5
4	#13130.00	50.4 AV	68.2	-17.8	2.41 H	195	26.9	23.5
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	103.7 PK			3.66 V	158	57.1	46.6
2	*6565.00	94.8 AV			3.66 V	158	48.2	46.6
3	#13130.00	61.9 PK	88.2	-26.3	1.62 V	241	38.4	23.5
4	#13130.00	49.8 AV	68.2	-18.4	1.62 V	241	26.3	23.5

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 155：6725 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.8 PK			1.46 H	152	63.0	46.8
2	*6725.00	100.2 AV			1.46 H	152	53.4	46.8
3	#13450.00	63.1 PK	88.2	-25.1	2.44 H	159	38.7	24.4
4	#13450.00	51.0 AV	68.2	-17.2	2.44 H	159	26.6	24.4
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	104.4 PK			3.77 V	169	57.6	46.8
2	*6725.00	95.2 AV			3.77 V	169	48.4	46.8
3	#13450.00	62.8 PK	88.2	-25.4	1.79 V	241	38.4	24.4
4	#13450.00	50.7 AV	68.2	-17.5	1.79 V	241	26.3	24.4

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 179：6845 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.0 PK			1.50 H	147	63.0	47.0
2	*6845.00	100.8 AV			1.50 H	147	53.8	47.0
3	#13690.00	63.6 PK	88.2	-24.6	2.41 H	169	38.7	24.9
4	#13690.00	51.5 AV	68.2	-16.7	2.41 H	169	26.6	24.9
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	104.2 PK			3.71 V	163	57.2	47.0
2	*6845.00	95.1 AV			3.71 V	163	48.1	47.0
3	#13690.00	63.3 PK	88.2	-24.9	1.67 V	211	38.4	24.9
4	#13690.00	51.1 AV	68.2	-17.1	1.67 V	211	26.2	24.9

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 187：6885 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.2 PK			1.49 H	133	61.9	47.3
2	*6885.00	100.2 AV			1.49 H	133	52.9	47.3
3	#13770.00	63.8 PK	88.2	-24.4	2.36 H	142	38.7	25.1
4	#13770.00	52.0 AV	68.2	-16.2	2.36 H	142	26.9	25.1
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	104.8 PK			3.74 V	128	57.5	47.3
2	*6885.00	95.9 AV			3.74 V	128	48.6	47.3
3	#13770.00	63.5 PK	88.2	-24.7	1.29 V	230	38.4	25.1
4	#13770.00	51.3 AV	68.2	-16.9	1.29 V	230	26.2	25.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 211：7005 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.9 PK			1.46 H	137	61.8	48.1
2	*7005.00	100.7 AV			1.46 H	137	52.6	48.1
3	#14010.00	64.6 PK	88.2	-23.6	2.41 H	115	38.9	25.7
4	#14010.00	52.4 AV	68.2	-15.8	2.41 H	115	26.7	25.7
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	105.5 PK			3.88 V	124	57.4	48.1
2	*7005.00	97.0 AV			3.88 V	124	48.9	48.1
3	#14010.00	64.1 PK	88.2	-24.1	1.43 V	217	38.4	25.7
4	#14010.00	51.8 AV	68.2	-16.4	1.43 V	217	26.1	25.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 227：7085 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.5 PK			1.36 H	131	63.1	48.4
2	*7085.00	101.3 AV			1.36 H	131	52.9	48.4
3	#7125.00	65.7 PK	88.2	-22.5	1.36 H	131	47.6	18.1
4	#7125.00	54.1 AV	68.2	-14.1	1.36 H	131	36.0	18.1
5	#14170.00	64.8 PK	88.2	-23.4	2.41 H	128	38.7	26.1
6	#14170.00	52.6 AV	68.2	-15.6	2.41 H	128	26.5	26.1
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	107.7 PK			3.78 V	129	59.3	48.4
2	*7085.00	97.1 AV			3.78 V	129	48.7	48.4
3	#7125.00	65.6 PK	88.2	-22.6	3.78 V	129	47.5	18.1
4	#7125.00	54.0 AV	68.2	-14.2	3.78 V	129	35.9	18.1
5	#14170.00	64.4 PK	88.2	-23.8	1.33 V	210	38.3	26.1
6	#14170.00	52.3 AV	68.2	-15.9	1.33 V	210	26.2	26.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 7：5985 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	#5925.00	61.0 PK	88.2	-27.2	1.46 H	139	46.6	14.4
2	#5925.00	48.9 AV	68.2	-19.3	1.46 H	139	34.5	14.4
3	*5985.00	110.1 PK			1.46 H	139	65.8	44.3
4	*5985.00	100.0 AV			1.46 H	139	55.7	44.3
5	11970.00	61.5 PK	74.0	-12.5	2.51 H	163	38.6	22.9
6	11970.00	49.7 AV	54.0	-4.3	2.51 H	163	26.8	22.9
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	#5925.00	59.7 PK	88.2	-28.5	3.66 V	161	45.3	14.4
2	#5925.00	48.8 AV	68.2	-19.4	3.66 V	161	34.4	14.4
3	*5985.00	104.2 PK			3.66 V	161	59.9	44.3
4	*5985.00	94.1 AV			3.66 V	161	49.8	44.3
5	11970.00	61.4 PK	74.0	-12.6	1.69 V	223	38.5	22.9
6	11970.00	49.6 AV	54.0	-4.4	1.69 V	223	26.7	22.9

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 39：6145 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*6145.00	110.2 PK			1.44 H	142	65.7	44.5
2	*6145.00	100.1 AV			1.44 H	142	55.6	44.5
3	12290.00	61.0 PK	74.0	-13.0	2.34 H	188	38.5	22.5
4	12290.00	49.4 AV	54.0	-4.6	2.34 H	188	26.9	22.5
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	*6145.00	104.1 PK			3.72 V	169	59.6	44.5
2	*6145.00	94.0 AV			3.72 V	169	49.5	44.5
3	12290.00	60.9 PK	74.0	-13.1	1.70 V	235	38.4	22.5
4	12290.00	49.0 AV	54.0	-5.0	1.70 V	235	26.5	22.5

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.

RF Mode	TX 802.11ax (HE80)	Channel	CH 55：6225 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.2 PK			1.48 H	133	65.4	44.8
2	*6225.00	100.1 AV			1.48 H	133	55.3	44.8
3	12450.00	61.1 PK	74.0	-12.9	2.41 H	168	38.7	22.4
4	12450.00	49.3 AV	54.0	-4.7	2.41 H	168	26.9	22.4
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	104.6 PK			3.69 V	172	59.8	44.8
2	*6225.00	94.4 AV			3.69 V	172	49.6	44.8
3	12450.00	60.7 PK	74.0	-13.3	1.74 V	219	38.3	22.4
4	12450.00	48.9 AV	54.0	-5.1	1.74 V	219	26.5	22.4

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.

RF Mode	TX 802.11ax (HE80)	Channel	CH 87：6385 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.1 PK			1.42 H	133	66.4	45.7
2	*6385.00	101.8 AV			1.42 H	133	56.1	45.7
3	#12770.00	61.7 PK	88.2	-26.5	2.59 H	142	38.7	23.0
4	#12770.00	49.6 AV	68.2	-18.6	2.59 H	142	26.6	23.0
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	106.2 PK			3.74 V	163	60.5	45.7
2	*6385.00	96.1 AV			3.74 V	163	50.4	45.7
3	#12770.00	61.2 PK	88.2	-27.0	1.96 V	228	38.2	23.0
4	#12770.00	49.3 AV	68.2	-18.9	1.96 V	228	26.3	23.0

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 103：6465 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.2 PK			1.54 H	136	63.1	46.1
2	*6465.00	99.5 AV			1.54 H	136	53.4	46.1
3	#12930.00	60.9 PK	88.2	-27.3	2.25 H	134	37.8	23.1
4	#12930.00	50.6 AV	68.2	-17.6	2.25 H	134	27.5	23.1
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	105.4 PK			3.44 V	159	59.3	46.1
2	*6465.00	95.8 AV			3.44 V	159	49.7	46.1
3	#12930.00	60.6 PK	88.2	-27.6	1.62 V	251	37.5	23.1
4	#12930.00	50.2 AV	68.2	-18.0	1.62 V	251	27.1	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 119：6545 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.4 PK			1.52 H	135	63.8	46.6
2	*6545.00	100.3 AV			1.52 H	135	53.7	46.6
3	#12930.00	61.1 PK	88.2	-27.1	2.17 H	129	38.0	23.1
4	#12930.00	50.8 AV	68.2	-17.4	2.17 H	129	27.7	23.1
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	106.4 PK			3.45 V	161	59.8	46.6
2	*6545.00	96.8 AV			3.45 V	161	50.2	46.6
3	#12930.00	60.9 PK	88.2	-27.3	1.66 V	254	37.8	23.1
4	#12930.00	50.4 AV	68.2	-17.8	1.66 V	254	27.3	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 135：6625 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.8 PK			1.49 H	134	65.2	46.6
2	*6625.00	101.7 AV			1.49 H	134	55.1	46.6
3	13250.00	62.3 PK	74.0	-11.7	2.49 H	166	38.7	23.6
4	13250.00	50.1 AV	54.0	-3.9	2.49 H	166	26.5	23.6
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	105.9 PK			3.62 V	167	59.3	46.6
2	*6625.00	95.8 AV			3.62 V	167	49.2	46.6
3	13250.00	62.0 PK	74.0	-12.0	1.77 V	230	38.4	23.6
4	13250.00	49.9 AV	54.0	-4.1	1.77 V	230	26.3	23.6

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.

RF Mode	TX 802.11ax (HE80)	Channel	CH 151：6705 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.0 PK			1.49 H	142	65.2	46.8
2	*6705.00	102.1 AV			1.49 H	142	55.3	46.8
3	#13410.00	63.1 PK	88.2	-25.1	2.41 H	166	38.7	24.4
4	#13410.00	50.9 AV	68.2	-17.3	2.41 H	166	26.5	24.4
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	106.2 PK			3.72 V	160	59.4	46.8
2	*6705.00	96.1 AV			3.72 V	160	49.3	46.8
3	#13410.00	62.8 PK	88.2	-25.4	1.63 V	217	38.4	24.4
4	#13410.00	50.7 AV	68.2	-17.5	1.63 V	217	26.3	24.4

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 167：6785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.9 PK			1.47 H	133	65.0	46.9
2	*6785.00	102.0 AV			1.47 H	133	55.1	46.9
3	#13570.00	63.3 PK	88.2	-24.9	2.27 H	168	38.7	24.6
4	#13570.00	51.4 AV	68.2	-16.8	2.27 H	168	26.8	24.6
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	106.1 PK			3.60 V	158	59.2	46.9
2	*6785.00	96.2 AV			3.60 V	158	49.3	46.9
3	#13570.00	63.0 PK	88.2	-25.2	1.85 V	219	38.4	24.6
4	#13570.00	51.0 AV	68.2	-17.2	1.85 V	219	26.4	24.6

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 183：6865 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.8 PK			1.48 H	136	65.7	47.1
2	*6865.00	102.7 AV			1.48 H	136	55.6	47.1
3	#13730.00	63.9 PK	88.2	-24.3	2.48 H	165	38.9	25.0
4	#13730.00	51.7 AV	68.2	-16.5	2.48 H	165	26.7	25.0
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	106.5 PK			3.68 V	161	59.4	47.1
2	*6865.00	96.7 AV			3.68 V	161	49.6	47.1
3	#13730.00	63.4 PK	88.2	-24.8	1.72 V	241	38.4	25.0
4	#13730.00	51.3 AV	68.2	-16.9	1.72 V	241	26.3	25.0

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 199：6945 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.6 PK			1.45 H	133	63.7	47.9
2	*6945.00	101.2 AV			1.45 H	133	53.3	47.9
3	#13890.00	63.9 PK	88.2	-24.3	2.36 H	122	38.7	25.2
4	#13890.00	51.7 AV	68.2	-16.5	2.36 H	122	26.5	25.2
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	107.5 PK			3.79 V	134	59.6	47.9
2	*6945.00	97.1 AV			3.79 V	134	49.2	47.9
3	#13890.00	63.8 PK	88.2	-24.4	1.33 V	217	38.6	25.2
4	#13890.00	51.6 AV	68.2	-16.6	1.33 V	217	26.4	25.2

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 215：7025 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.8 PK			1.45 H	133	61.7	48.1
2	*7025.00	100.9 AV			1.45 H	133	52.8	48.1
3	#7125.00	65.4 PK	88.2	-22.8	1.45 H	133	47.3	18.1
4	#7125.00	53.9 AV	68.2	-14.3	1.45 H	133	35.8	18.1
5	#14050.00	64.4 PK	88.2	-23.8	2.41 H	136	38.7	25.7
6	#14050.00	52.2 AV	68.2	-16.0	2.41 H	136	26.5	25.7
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	105.6 PK			3.77 V	129	57.5	48.1
2	*7025.00	97.0 AV			3.77 V	129	48.9	48.1
3	#7125.00	65.3 PK	88.2	-22.9	3.77 V	129	47.2	18.1
4	#7125.00	53.7 AV	68.2	-14.5	3.77 V	129	35.6	18.1
5	#14050.00	64.1 PK	88.2	-24.1	1.36 V	241	38.4	25.7
6	#14050.00	52.2 AV	68.2	-16.0	1.36 V	241	26.5	25.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 15：6025 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	#5922.00	67.5 PK	88.2	-20.7	1.26 H	140	53.1	14.4
2	#5922.00	53.9 AV	68.2	-14.3	1.26 H	140	39.5	14.4
3	*6025.00	113.3 PK			1.26 H	140	69.0	44.3
4	*6025.00	102.0 AV			1.26 H	140	57.7	44.3
5	12050.00	61.5 PK	74.0	-12.5	2.55 H	156	38.8	22.7
6	12050.00	49.6 AV	54.0	-4.4	2.55 H	156	26.9	22.7
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	#5922.00	64.4 PK	88.2	-23.8	3.63 V	166	50.0	14.4
2	#5922.00	52.1 AV	68.2	-16.1	3.63 V	166	37.7	14.4
3	*6025.00	107.7 PK			3.63 V	166	63.4	44.3
4	*6025.00	98.1 AV			3.63 V	166	53.8	44.3
5	12050.00	61.1 PK	74.0	-12.9	1.77 V	241	38.4	22.7
6	12050.00	49.2 AV	54.0	-4.8	1.77 V	241	26.5	22.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*6185.00	113.9 PK			1.29 H	144	69.2	44.7
2	*6185.00	102.5 AV			1.29 H	144	57.8	44.7
3	12370.00	61.1 PK	74.0	-12.9	2.49 H	158	38.7	22.4
4	12370.00	49.2 AV	54.0	-4.8	2.49 H	158	26.8	22.4
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	*6185.00	108.2 PK			3.67 V	169	63.5	44.7
2	*6185.00	98.4 AV			3.67 V	169	53.7	44.7
3	12370.00	61.0 PK	74.0	-13.0	1.82 V	248	38.6	22.4
4	12370.00	48.8 AV	54.0	-5.2	1.82 V	248	26.4	22.4

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.

RF Mode	TX 802.11ax (HE160)	Channel	CH 79：6345 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.6 PK			1.28 H	146	69.2	45.4
2	*6345.00	103.3 AV			1.28 H	146	57.9	45.4
3	12690.00	61.6 PK	74.0	-12.4	2.49 H	152	38.9	22.7
4	12690.00	49.5 AV	54.0	-4.5	2.49 H	152	26.8	22.7
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	108.5 PK			3.60 V	178	63.1	45.4
2	*6345.00	99.0 AV			3.60 V	178	53.6	45.4
3	12690.00	60.9 PK	74.0	-13.1	1.62 V	238	38.2	22.7
4	12690.00	49.0 AV	54.0	-5.0	1.62 V	238	26.3	22.7

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.

RF Mode	TX 802.11ax (HE160)	Channel	CH 111：6505 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.3 PK			1.50 H	137	63.0	46.3
2	*6505.00	100.4 AV			1.50 H	137	54.1	46.3
3	#13010.00	61.4 PK	88.2	-26.8	2.32 H	124	38.2	23.2
4	#13010.00	51.3 AV	68.2	-16.9	2.32 H	124	28.1	23.2
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	105.3 PK			3.48 V	156	59.0	46.3
2	*6505.00	96.1 AV			3.48 V	156	49.8	46.3
3	#13010.00	61.3 PK	88.2	-26.9	1.62 V	243	38.1	23.2
4	#13010.00	50.7 AV	68.2	-17.5	1.62 V	243	27.5	23.2

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 143：6665 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.9 PK			1.28 H	144	68.2	46.7
2	*6665.00	104.1 AV			1.28 H	144	57.4	46.7
3	13330.00	62.8 PK	74.0	-11.2	2.49 H	155	38.9	23.9
4	13330.00	50.6 AV	54.0	-3.4	2.49 H	155	26.7	23.9
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	109.5 PK			3.68 V	169	62.8	46.7
2	*6665.00	100.1 AV			3.68 V	169	53.4	46.7
3	13330.00	62.1 PK	74.0	-11.9	1.84 V	233	38.2	23.9
4	13330.00	50.0 AV	54.0	-4.0	1.84 V	233	26.1	23.9

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.

RF Mode	TX 802.11ax (HE160)	Channel	CH 175：6825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	115.2 PK			1.29 H	140	68.3	46.9
2	*6825.00	104.1 AV			1.29 H	140	57.2	46.9
3	#13650.00	63.5 PK	88.2	-24.7	2.37 H	155	38.8	24.7
4	#13650.00	51.6 AV	68.2	-16.6	2.37 H	155	26.9	24.7
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	109.9 PK			3.58 V	159	63.0	46.9
2	*6825.00	100.0 AV			3.58 V	159	53.1	46.9
3	#13650.00	62.9 PK	88.2	-25.3	1.86 V	232	38.2	24.7
4	#13650.00	51.1 AV	68.2	-17.1	1.86 V	232	26.4	24.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 207：6985 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.1 PK			1.23 H	133	63.1	48.0
2	*6985.00	101.6 AV			1.23 H	133	53.6	48.0
3	#7125.00	65.5 PK	88.2	-22.7	1.23 H	133	47.4	18.1
4	#7125.00	54.8 AV	68.2	-13.4	1.23 H	133	36.7	18.1
5	#13970.00	64.4 PK	88.2	-23.8	2.16 H	124	38.8	25.6
6	#13970.00	52.5 AV	68.2	-15.7	2.16 H	124	26.9	25.6
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	*6985.00	107.3 PK			3.77 V	128	59.3	48.0
2	*6985.00	97.5 AV			3.77 V	128	49.5	48.0
3	#7125.00	65.3 PK	88.2	-22.9	3.77 V	128	47.2	18.1
4	#7125.00	54.6 AV	68.2	-13.6	3.77 V	128	36.5	18.1
5	#13970.00	64.2 PK	88.2	-24.0	1.17 V	218	38.6	25.6
6	#13970.00	51.9 AV	68.2	-16.3	1.17 V	218	26.3	25.6

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.
6. " # ": The radiated frequency is out of the restricted band.

Nss 2

RF Mode	TX 802.11ax (HE20)	Channel	CH 1：5955 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	#5925.00	60.9 PK	88.2	-27.3	1.61 H	129	46.5	14.4
2	#5925.00	48.6 AV	68.2	-19.6	1.61 H	129	34.2	14.4
3	*5955.00	111.4 PK			1.61 H	129	67.1	44.3
4	*5955.00	102.0 AV			1.61 H	129	57.7	44.3
5	11910.00	61.4 PK	74.0	-12.6	2.46 H	158	38.5	22.9
6	11910.00	49.6 AV	54.0	-4.4	2.46 H	158	26.7	22.9
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	#5925.00	60.2 PK	88.2	-28.0	3.58 V	169	45.8	14.4
2	#5925.00	48.5 AV	68.2	-19.7	3.58 V	169	34.1	14.4
3	*5955.00	106.6 PK			3.58 V	169	62.3	44.3
4	*5955.00	97.1 AV			3.58 V	169	52.8	44.3
5	11910.00	61.3 PK	74.0	-12.7	1.78 V	245	38.4	22.9
6	11910.00	49.4 AV	54.0	-4.6	1.78 V	245	26.5	22.9

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 33：6115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*6115.00	111.4 PK			1.58 H	133	67.0	44.4
2	*6115.00	102.3 AV			1.58 H	133	57.9	44.4
3	12230.00	61.1 PK	74.0	-12.9	2.42 H	160	38.4	22.7
4	12230.00	49.6 AV	54.0	-4.4	2.42 H	160	26.9	22.7
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	*6115.00	106.5 PK			3.54 V	172	62.1	44.4
2	*6115.00	97.2 AV			3.54 V	172	52.8	44.4
3	12230.00	60.8 PK	74.0	-13.2	1.82 V	243	38.1	22.7
4	12230.00	49.0 AV	54.0	-5.0	1.82 V	243	26.3	22.7

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.

RF Mode	TX 802.11ax (HE20)	Channel	CH 61：6255 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.2 PK			1.62 H	130	67.3	44.9
2	*6255.00	102.6 AV			1.62 H	130	57.7	44.9
3	12510.00	61.0 PK	74.0	-13.0	2.45 H	152	38.6	22.4
4	12510.00	49.2 AV	54.0	-4.8	2.45 H	152	26.8	22.4
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	107.4 PK			3.55 V	162	62.5	44.9
2	*6255.00	97.8 AV			3.55 V	162	52.9	44.9
3	12510.00	60.5 PK	74.0	-13.5	1.82 V	241	38.1	22.4
4	12510.00	48.8 AV	54.0	-5.2	1.82 V	241	26.4	22.4

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.

RF Mode	TX 802.11ax (HE20)	Channel	CH 93：6415 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.8 PK			1.60 H	127	66.9	45.9
2	*6415.00	103.4 AV			1.60 H	127	57.5	45.9
3	#12830.00	61.8 PK	88.2	-26.4	2.50 H	149	38.7	23.1
4	#12830.00	50.0 AV	68.2	-18.2	2.50 H	149	26.9	23.1
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	108.4 PK			3.56 V	172	62.5	45.9
2	*6415.00	98.6 AV			3.56 V	172	52.7	45.9
3	#12830.00	61.3 PK	88.2	-26.9	1.62 V	248	38.2	23.1
4	#12830.00	49.5 AV	68.2	-18.7	1.62 V	248	26.4	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 97：6435 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.6 PK			1.26 H	132	65.6	46.0
2	*6435.00	100.3 AV			1.26 H	132	54.3	46.0
3	#12870.00	61.3 PK	88.2	-26.9	2.52 H	138	38.2	23.1
4	#12870.00	50.6 AV	68.2	-17.6	2.52 H	138	27.5	23.1
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	106.3 PK			3.58 V	154	60.3	46.0
2	*6435.00	96.4 AV			3.58 V	154	50.4	46.0
3	#12870.00	61.4 PK	88.2	-26.8	1.70 V	234	38.3	23.1
4	#12870.00	50.6 AV	68.2	-17.6	1.70 V	234	27.5	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 105：6475 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.4 PK			1.30 H	134	65.2	46.2
2	*6475.00	100.2 AV			1.30 H	134	54.0	46.2
3	#12950.00	60.7 PK	88.2	-27.5	2.48 H	140	37.6	23.1
4	#12950.00	50.1 AV	68.2	-18.1	2.48 H	140	27.0	23.1
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	106.3 PK			3.61 V	158	60.1	46.2
2	*6475.00	96.4 AV			3.61 V	158	50.2	46.2
3	#12950.00	61.5 PK	88.2	-26.7	1.63 V	228	38.4	23.1
4	#12950.00	50.7 AV	68.2	-17.5	1.63 V	228	27.6	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 113：6515 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.3 PK			1.25 H	130	64.9	46.4
2	*6515.00	100.2 AV			1.25 H	130	53.8	46.4
3	#13030.00	61.1 PK	88.2	-27.1	2.46 H	153	37.8	23.3
4	#13030.00	50.5 AV	68.2	-17.7	2.46 H	153	27.2	23.3
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	106.8 PK			3.62 V	149	60.4	46.4
2	*6515.00	96.9 AV			3.62 V	149	50.5	46.4
3	#13030.00	61.5 PK	88.2	-26.7	1.61 V	234	38.2	23.3
4	#13030.00	50.7 AV	68.2	-17.5	1.61 V	234	27.4	23.3

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 117：6535 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	113.3 PK			1.58 H	133	66.8	46.5
2	*6535.00	103.9 AV			1.58 H	133	57.4	46.5
3	#13070.00	62.0 PK	88.2	-26.2	2.55 H	143	38.7	23.3
4	#13070.00	50.2 AV	68.2	-18.0	2.55 H	143	26.9	23.3
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	108.2 PK			3.52 V	170	61.7	46.5
2	*6535.00	98.8 AV			3.52 V	170	52.3	46.5
3	#13070.00	61.7 PK	88.2	-26.5	1.88 V	242	38.4	23.3
4	#13070.00	49.6 AV	68.2	-18.6	1.88 V	242	26.3	23.3

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 153：6715 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	113.4 PK			1.48 H	127	66.6	46.8
2	*6715.00	104.1 AV			1.48 H	127	57.3	46.8
3	#13430.00	63.1 PK	88.2	-25.1	2.25 H	142	38.7	24.4
4	#13430.00	51.3 AV	68.2	-16.9	2.25 H	142	26.9	24.4
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	108.8 PK			3.55 V	162	62.0	46.8
2	*6715.00	99.2 AV			3.55 V	162	52.4	46.8
3	#13430.00	62.6 PK	88.2	-25.6	1.74 V	239	38.2	24.4
4	#13430.00	50.5 AV	68.2	-17.7	1.74 V	239	26.1	24.4

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 181：6855 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	113.9 PK			1.66 H	130	66.9	47.0
2	*6855.00	104.0 AV			1.66 H	130	57.0	47.0
3	#13710.00	63.7 PK	88.2	-24.5	2.23 H	148	38.7	25.0
4	#13710.00	51.5 AV	68.2	-16.7	2.23 H	148	26.5	25.0
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	108.5 PK			3.69 V	166	61.5	47.0
2	*6855.00	99.4 AV			3.69 V	166	52.4	47.0
3	#13710.00	63.5 PK	88.2	-24.7	1.42 V	239	38.5	25.0
4	#13710.00	51.3 AV	68.2	-16.9	1.42 V	239	26.3	25.0

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 185：6875 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.0 PK			1.03 H	131	61.8	47.2
2	*6875.00	98.7 AV			1.03 H	131	51.5	47.2
3	#13750.00	63.5 PK	88.2	-24.7	2.24 H	159	38.5	25.0
4	#13750.00	52.8 AV	68.2	-15.4	2.24 H	159	27.8	25.0
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	106.9 PK			3.71 V	96	59.7	47.2
2	*6875.00	96.7 AV			3.71 V	96	49.5	47.2
3	#13750.00	63.2 PK	88.2	-25.0	1.85 V	246	38.2	25.0
4	#13750.00	52.2 AV	68.2	-16.0	1.85 V	246	27.2	25.0

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 213：7015 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.4 PK			1.00 H	124	62.3	48.1
2	*7015.00	100.0 AV			1.00 H	124	51.9	48.1
3	#14030.00	63.9 PK	88.2	-24.3	2.41 H	145	38.2	25.7
4	#14030.00	52.8 AV	68.2	-15.4	2.41 H	145	27.1	25.7
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	107.9 PK			3.68 V	100	59.8	48.1
2	*7015.00	97.8 AV			3.68 V	100	49.7	48.1
3	#14030.00	64.3 PK	88.2	-23.9	1.72 V	238	38.6	25.7
4	#14030.00	52.6 AV	68.2	-15.6	1.72 V	238	26.9	25.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 229：7095 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.9 PK			1.01 H	124	61.5	48.4
2	*7095.00	99.7 AV			1.01 H	124	51.3	48.4
3	#14190.00	63.7 PK	88.2	-24.5	2.42 H	149	37.6	26.1
4	#14190.00	53.4 AV	68.2	-14.8	2.42 H	149	27.3	26.1
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	107.7 PK			3.70 V	95	59.3	48.4
2	*7095.00	97.0 AV			3.70 V	95	48.6	48.4
3	#14190.00	64.3 PK	88.2	-23.9	1.70 V	223	38.2	26.1
4	#14190.00	53.0 AV	68.2	-15.2	1.70 V	223	26.9	26.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE20)	Channel	CH 233：7115 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*7115.00	99.6 PK			1.00 H	128	51.0	48.6
2	*7115.00	89.8 AV			1.00 H	128	41.2	48.6
3	#7125.00	78.7 PK	88.2	-9.5	1.00 H	128	60.6	18.1
4	#7125.00	61.8 AV	68.2	-6.4	1.00 H	128	43.7	18.1
5	#14230.00	63.7 PK	88.2	-24.5	2.45 H	132	37.5	26.2
6	#14230.00	53.6 AV	68.2	-14.6	2.45 H	132	27.4	26.2
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	*7115.00	97.9 PK			3.23 V	94	49.3	48.6
2	*7115.00	87.8 AV			3.23 V	94	39.2	48.6
3	#7125.00	74.4 PK	88.2	-13.8	3.23 V	94	56.3	18.1
4	#7125.00	57.9 AV	68.2	-10.3	3.23 V	94	39.8	18.1
5	#14230.00	63.4 PK	88.2	-24.8	1.72 V	255	37.2	26.2
6	#14230.00	53.0 AV	68.2	-15.2	1.72 V	255	26.8	26.2

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 3：5965 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	#5925.00	60.5 PK	88.2	-27.7	1.59 H	128	46.1	14.4
2	#5925.00	48.9 AV	68.2	-19.3	1.59 H	128	34.5	14.4
3	*5965.00	111.5 PK			1.59 H	128	67.2	44.3
4	*5965.00	101.7 AV			1.59 H	128	57.4	44.3
5	11930.00	61.8 PK	74.0	-12.2	2.41 H	155	38.9	22.9
6	11930.00	49.8 AV	54.0	-4.2	2.41 H	155	26.9	22.9
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	#5925.00	60.0 PK	88.2	-28.2	3.58 V	164	45.6	14.4
2	#5925.00	48.6 AV	68.2	-19.6	3.58 V	164	34.2	14.4
3	*5965.00	107.8 PK			3.58 V	164	63.5	44.3
4	*5965.00	97.9 AV			3.58 V	164	53.6	44.3
5	11930.00	61.4 PK	74.0	-12.6	1.63 V	238	38.5	22.9
6	11930.00	49.3 AV	54.0	-4.7	1.63 V	238	26.4	22.9

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 35：6125 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*6125.00	111.7 PK			1.57 H	125	67.3	44.4
2	*6125.00	101.6 AV			1.57 H	125	57.2	44.4
3	12250.00	61.4 PK	74.0	-12.6	2.38 H	149	38.7	22.7
4	12250.00	49.5 AV	54.0	-4.5	2.38 H	149	26.8	22.7
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	*6125.00	108.0 PK			1.69 V	245	63.6	44.4
2	*6125.00	98.2 AV			1.69 V	245	53.8	44.4
3	12250.00	61.3 PK	74.0	-12.7	1.58 V	225	38.6	22.7
4	12250.00	49.4 AV	54.0	-4.6	1.58 V	225	26.7	22.7

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.

RF Mode	TX 802.11ax (HE40)	Channel	CH 59：6245 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.0 PK			1.57 H	133	67.1	44.9
2	*6245.00	102.2 AV			1.57 H	133	57.3	44.9
3	12490.00	61.1 PK	74.0	-12.9	2.44 H	158	38.7	22.4
4	12490.00	49.3 AV	54.0	-4.7	2.44 H	158	26.9	22.4
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	108.6 PK			3.57 V	169	63.7	44.9
2	*6245.00	98.5 AV			3.57 V	169	53.6	44.9
3	12490.00	61.0 PK	74.0	-13.0	1.70 V	241	38.6	22.4
4	12490.00	48.7 AV	54.0	-5.3	1.70 V	241	26.3	22.4

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.

RF Mode	TX 802.11ax (HE40)	Channel	CH 91：6405 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	113.2 PK			1.52 H	134	67.4	45.8
2	*6405.00	103.4 AV			1.52 H	134	57.6	45.8
3	#12810.00	61.8 PK	88.2	-26.4	2.39 H	158	38.7	23.1
4	#12810.00	49.9 AV	68.2	-18.3	2.39 H	158	26.8	23.1
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	109.2 PK			3.55 V	170	63.4	45.8
2	*6405.00	99.6 AV			3.55 V	170	53.8	45.8
3	#12810.00	61.6 PK	88.2	-26.6	1.62 V	241	38.5	23.1
4	#12810.00	49.6 AV	68.2	-18.6	1.62 V	241	26.5	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 99：6445 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.6 PK			1.21 H	132	64.6	46.0
2	*6445.00	100.7 AV			1.21 H	132	54.7	46.0
3	#12890.00	60.6 PK	88.2	-27.6	2.55 H	141	37.5	23.1
4	#12890.00	50.4 AV	68.2	-17.8	2.55 H	141	27.3	23.1
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	106.0 PK			3.50 V	163	60.0	46.0
2	*6445.00	96.0 AV			3.50 V	163	50.0	46.0
3	#12890.00	61.3 PK	88.2	-26.9	1.62 V	231	38.2	23.1
4	#12890.00	51.2 AV	68.2	-17.0	1.62 V	231	28.1	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 107：6485 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.6 PK			1.22 H	129	64.4	46.2
2	*6485.00	100.7 AV			1.22 H	129	54.5	46.2
3	#12970.00	60.7 PK	88.2	-27.5	2.14 H	128	37.5	23.2
4	#12970.00	50.5 AV	68.2	-17.7	2.14 H	128	27.3	23.2
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	106.5 PK			3.84 V	165	60.3	46.2
2	*6485.00	96.4 AV			3.84 V	165	50.2	46.2
3	#12970.00	61.8 PK	88.2	-26.4	1.64 V	207	38.6	23.2
4	#12970.00	51.1 AV	68.2	-17.1	1.64 V	207	27.9	23.2

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 115：6525 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.2 PK			1.24 H	128	64.7	46.5
2	*6525.00	101.0 AV			1.24 H	128	54.5	46.5
3	#13050.00	61.2 PK	88.2	-27.0	2.57 H	132	37.9	23.3
4	#13050.00	50.7 AV	68.2	-17.5	2.57 H	132	27.4	23.3
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	106.2 PK			3.76 V	160	59.7	46.5
2	*6525.00	96.4 AV			3.76 V	160	49.9	46.5
3	#13050.00	60.9 PK	88.2	-27.3	1.73 V	212	37.6	23.3
4	#13050.00	50.6 AV	68.2	-17.6	1.73 V	212	27.3	23.3

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 123：6565 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	113.6 PK			1.55 H	129	67.0	46.6
2	*6565.00	103.9 AV			1.55 H	129	57.3	46.6
3	#13130.00	62.2 PK	88.2	-26.0	2.31 H	152	38.7	23.5
4	#13130.00	50.4 AV	68.2	-17.8	2.31 H	152	26.9	23.5
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	109.8 PK			3.59 V	166	63.2	46.6
2	*6565.00	100.0 AV			3.59 V	166	53.4	46.6
3	#13130.00	61.7 PK	88.2	-26.5	1.80 V	231	38.2	23.5
4	#13130.00	49.9 AV	68.2	-18.3	1.80 V	231	26.4	23.5

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 155：6725 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.2 PK			1.60 H	135	67.4	46.8
2	*6725.00	104.6 AV			1.60 H	135	57.8	46.8
3	#13450.00	63.1 PK	88.2	-25.1	2.10 H	142	38.7	24.4
4	#13450.00	51.2 AV	68.2	-17.0	2.10 H	142	26.8	24.4
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	110.0 PK			3.68 V	162	63.2	46.8
2	*6725.00	100.5 AV			3.68 V	162	53.7	46.8
3	#13450.00	62.8 PK	88.2	-25.4	1.76 V	234	38.4	24.4
4	#13450.00	50.5 AV	68.2	-17.7	1.76 V	234	26.1	24.4

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 179：6845 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.1 PK			1.58 H	128	67.1	47.0
2	*6845.00	104.2 AV			1.58 H	128	57.2	47.0
3	#13690.00	63.6 PK	88.2	-24.6	2.29 H	152	38.7	24.9
4	#13690.00	51.7 AV	68.2	-16.5	2.29 H	152	26.8	24.9
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	110.1 PK			3.74 V	168	63.1	47.0
2	*6845.00	100.4 AV			3.74 V	168	53.4	47.0
3	#13690.00	63.2 PK	88.2	-25.0	1.71 V	240	38.3	24.9
4	#13690.00	51.3 AV	68.2	-16.9	1.71 V	240	26.4	24.9

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 187：6885 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.9 PK			1.12 H	125	62.6	47.3
2	*6885.00	98.7 AV			1.12 H	125	51.4	47.3
3	#13770.00	63.6 PK	88.2	-24.6	2.20 H	144	38.5	25.1
4	#13770.00	52.4 AV	68.2	-15.8	2.20 H	144	27.3	25.1
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	108.7 PK			3.63 V	87	61.4	47.3
2	*6885.00	96.9 AV			3.63 V	87	49.6	47.3
3	#13770.00	63.0 PK	88.2	-25.2	1.83 V	238	37.9	25.1
4	#13770.00	52.1 AV	68.2	-16.1	1.83 V	238	27.0	25.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 211：7005 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.6 PK			1.14 H	128	62.5	48.1
2	*7005.00	99.8 AV			1.14 H	128	51.7	48.1
3	#14010.00	63.9 PK	88.2	-24.3	2.27 H	150	38.2	25.7
4	#14010.00	52.8 AV	68.2	-15.4	2.27 H	150	27.1	25.7
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	109.8 PK			3.60 V	92	61.7	48.1
2	*7005.00	98.6 AV			3.60 V	92	50.5	48.1
3	#14010.00	63.3 PK	88.2	-24.9	1.63 V	251	37.6	25.7
4	#14010.00	52.6 AV	68.2	-15.6	1.63 V	251	26.9	25.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE40)	Channel	CH 227：7085 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	111.2 PK			1.10 H	129	62.8	48.4
2	*7085.00	100.4 AV			1.10 H	129	52.0	48.4
3	#7125.00	65.2 PK	88.2	-23.0	1.10 H	129	47.1	18.1
4	#7125.00	53.6 AV	68.2	-14.6	1.10 H	129	35.5	18.1
5	#14170.00	64.3 PK	88.2	-23.9	2.09 H	128	38.2	26.1
6	#14170.00	53.6 AV	68.2	-14.6	2.09 H	128	27.5	26.1
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	109.9 PK			3.60 V	90	61.5	48.4
2	*7085.00	98.6 AV			3.60 V	90	50.2	48.4
3	#7125.00	64.9 PK	88.2	-23.3	3.60 V	90	46.8	18.1
4	#7125.00	53.9 AV	68.2	-14.3	3.60 V	90	35.8	18.1
5	#14170.00	64.7 PK	88.2	-23.5	1.69 V	241	38.6	26.1
6	#14170.00	53.9 AV	68.2	-14.3	1.69 V	241	27.8	26.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 7：5985 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	#5925.00	61.3 PK	88.2	-26.9	1.11 H	127	46.9	14.4
2	#5925.00	49.2 AV	68.2	-19.0	1.11 H	127	34.8	14.4
3	*5985.00	111.8 PK			1.11 H	127	67.5	44.3
4	*5985.00	101.9 AV			1.11 H	127	57.6	44.3
5	11970.00	61.7 PK	74.0	-12.3	2.38 H	149	38.8	22.9
6	11970.00	49.6 AV	54.0	-4.4	2.38 H	149	26.7	22.9
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	#5925.00	61.0 PK	88.2	-27.2	3.60 V	168	46.6	14.4
2	#5925.00	49.0 AV	68.2	-19.2	3.60 V	168	34.6	14.4
3	*5985.00	107.5 PK			3.60 V	168	63.2	44.3
4	*5985.00	97.9 AV			3.60 V	168	53.6	44.3
5	11970.00	61.6 PK	74.0	-12.4	1.77 V	245	38.7	22.9
6	11970.00	49.4 AV	54.0	-4.6	1.77 V	245	26.5	22.9

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 39：6145 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*6145.00	112.1 PK			1.33 H	125	67.6	44.5
2	*6145.00	101.9 AV			1.33 H	125	57.4	44.5
3	12290.00	61.4 PK	74.0	-12.6	2.47 H	145	38.9	22.5
4	12290.00	49.2 AV	54.0	-4.8	2.47 H	145	26.7	22.5
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	*6145.00	107.6 PK			3.57 V	167	63.1	44.5
2	*6145.00	97.7 AV			3.57 V	167	53.2	44.5
3	12290.00	61.1 PK	74.0	-12.9	1.79 V	243	38.6	22.5
4	12290.00	48.9 AV	54.0	-5.1	1.79 V	243	26.4	22.5

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.

RF Mode	TX 802.11ax (HE80)	Channel	CH 55：6225 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	112.4 PK			1.19 H	124	67.6	44.8
2	*6225.00	102.6 AV			1.19 H	124	57.8	44.8
3	12450.00	61.1 PK	74.0	-12.9	2.43 H	148	38.7	22.4
4	12450.00	49.3 AV	54.0	-4.7	2.43 H	148	26.9	22.4
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	108.1 PK			3.62 V	174	63.3	44.8
2	*6225.00	98.6 AV			3.62 V	174	53.8	44.8
3	12450.00	61.0 PK	74.0	-13.0	1.82 V	237	38.6	22.4
4	12450.00	49.1 AV	54.0	-4.9	1.82 V	237	26.7	22.4

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.

RF Mode	TX 802.11ax (HE80)	Channel	CH 87：6385 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	113.3 PK			1.17 H	130	67.6	45.7
2	*6385.00	103.2 AV			1.17 H	130	57.5	45.7
3	#12770.00	61.9 PK	88.2	-26.3	2.46 H	142	38.9	23.0
4	#12770.00	49.8 AV	68.2	-18.4	2.46 H	142	26.8	23.0
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	109.1 PK			3.56 V	163	63.4	45.7
2	*6385.00	99.3 AV			3.56 V	163	53.6	45.7
3	#12770.00	61.5 PK	88.2	-26.7	1.72 V	238	38.5	23.0
4	#12770.00	49.4 AV	68.2	-18.8	1.72 V	238	26.4	23.0

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 103：6465 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.1 PK			1.22 H	136	64.0	46.1
2	*6465.00	100.3 AV			1.22 H	136	54.2	46.1
3	#12930.00	61.5 PK	88.2	-26.7	2.55 H	146	38.4	23.1
4	#12930.00	51.1 AV	68.2	-17.1	2.55 H	146	28.0	23.1
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	105.4 PK			3.84 V	165	59.3	46.1
2	*6465.00	95.1 AV			3.84 V	165	49.0	46.1
3	#12930.00	61.0 PK	88.2	-27.2	1.58 V	215	37.9	23.1
4	#12930.00	51.0 AV	68.2	-17.2	1.58 V	215	27.9	23.1

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 119：6545 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.3 PK			1.24 H	125	63.7	46.6
2	*6545.00	100.5 AV			1.24 H	125	53.9	46.6
3	#13090.00	61.3 PK	88.2	-26.9	2.52 H	123	38.0	23.3
4	#13090.00	50.6 AV	68.2	-17.6	2.52 H	123	27.3	23.3
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	105.6 PK			3.82 V	163	59.0	46.6
2	*6545.00	95.2 AV			3.82 V	163	48.6	46.6
3	#13090.00	60.9 PK	88.2	-27.3	1.66 V	242	37.6	23.3
4	#13090.00	50.8 AV	68.2	-17.4	1.66 V	242	27.5	23.3

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 135：6625 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.1 PK			1.26 H	128	67.5	46.6
2	*6625.00	104.4 AV			1.26 H	128	57.8	46.6
3	13250.00	62.5 PK	74.0	-11.5	2.14 H	155	38.9	23.6
4	13250.00	50.4 AV	54.0	-3.6	2.14 H	155	26.8	23.6
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	110.0 PK			3.58 V	162	63.4	46.6
2	*6625.00	100.3 AV			3.58 V	162	53.7	46.6
3	13250.00	62.1 PK	74.0	-11.9	1.82 V	231	38.5	23.6
4	13250.00	50.0 AV	54.0	-4.0	1.82 V	231	26.4	23.6

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.

RF Mode	TX 802.11ax (HE80)	Channel	CH 151：6705 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.2 PK			1.10 H	129	67.4	46.8
2	*6705.00	104.1 AV			1.10 H	129	57.3	46.8
3	#13410.00	63.2 PK	88.2	-25.0	2.40 H	142	38.8	24.4
4	#13410.00	51.3 AV	68.2	-16.9	2.40 H	142	26.9	24.4
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	110.2 PK			3.70 V	165	63.4	46.8
2	*6705.00	100.6 AV			3.70 V	165	53.8	46.8
3	#13410.00	63.0 PK	88.2	-25.2	1.68 V	227	38.6	24.4
4	#13410.00	50.7 AV	68.2	-17.5	1.68 V	227	26.3	24.4

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 167：6785 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.1 PK			1.18 H	134	67.2	46.9
2	*6785.00	104.5 AV			1.18 H	134	57.6	46.9
3	#13570.00	63.2 PK	88.2	-25.0	2.28 H	140	38.6	24.6
4	#13570.00	51.1 AV	68.2	-17.1	2.28 H	140	26.5	24.6
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	110.4 PK			3.55 V	162	63.5	46.9
2	*6785.00	100.3 AV			3.55 V	162	53.4	46.9
3	#13570.00	63.0 PK	88.2	-25.2	1.76 V	244	38.4	24.6
4	#13570.00	51.0 AV	68.2	-17.2	1.76 V	244	26.4	24.6

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 183：6865 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.3 PK			1.16 H	128	67.2	47.1
2	*6865.00	104.7 AV			1.16 H	128	57.6	47.1
3	#13730.00	63.7 PK	88.2	-24.5	2.44 H	143	38.7	25.0
4	#13730.00	51.8 AV	68.2	-16.4	2.44 H	143	26.8	25.0
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	110.5 PK			3.69 V	167	63.4	47.1
2	*6865.00	100.8 AV			3.69 V	167	53.7	47.1
3	#13730.00	63.4 PK	88.2	-24.8	1.83 V	224	38.4	25.0
4	#13730.00	51.3 AV	68.2	-16.9	1.83 V	224	26.3	25.0

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 199：6945 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	108.6 PK			1.08 H	129	60.7	47.9
2	*6945.00	99.1 AV			1.08 H	129	51.2	47.9
3	#13890.00	63.6 PK	88.2	-24.6	2.00 H	138	38.4	25.2
4	#13890.00	52.8 AV	68.2	-15.4	2.00 H	138	27.6	25.2
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	107.3 PK			3.64 V	91	59.4	47.9
2	*6945.00	97.7 AV			3.64 V	91	49.8	47.9
3	#13890.00	63.2 PK	88.2	-25.0	1.82 V	251	38.0	25.2
4	#13890.00	52.5 AV	68.2	-15.7	1.82 V	251	27.3	25.2

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE80)	Channel	CH 215：7025 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	108.9 PK			1.12 H	130	60.8	48.1
2	*7025.00	99.0 AV			1.12 H	130	50.9	48.1
3	#7125.00	65.1 PK	88.2	-23.1	1.12 H	130	47.0	18.1
4	#7125.00	53.8 AV	68.2	-14.4	1.12 H	130	35.7	18.1
5	#14050.00	64.6 PK	88.2	-23.6	2.41 H	141	38.9	25.7
6	#14050.00	53.0 AV	68.2	-15.2	2.41 H	141	27.3	25.7
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	107.0 PK			3.66 V	93	58.9	48.1
2	*7025.00	97.6 AV			3.66 V	93	49.5	48.1
3	#7125.00	65.5 PK	88.2	-22.7	3.66 V	93	47.4	18.1
4	#7125.00	53.8 AV	68.2	-14.4	3.66 V	93	35.7	18.1
5	#14050.00	63.9 PK	88.2	-24.3	1.82 V	230	38.2	25.7
6	#14050.00	53.0 AV	68.2	-15.2	1.82 V	230	27.3	25.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 15：6025 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	#5922.00	70.4 PK	88.2	-17.8	1.43 H	129	56.0	14.4
2	#5922.00	57.8 AV	68.2	-10.4	1.43 H	129	43.4	14.4
3	*6025.00	113.0 PK			1.43 H	129	68.7	44.3
4	*6025.00	102.2 AV			1.43 H	129	57.9	44.3
5	12050.00	61.5 PK	74.0	-12.5	2.28 H	146	38.8	22.7
6	12050.00	49.6 AV	54.0	-4.4	2.28 H	146	26.9	22.7
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	#5922.00	68.1 PK	88.2	-20.1	3.58 V	166	53.7	14.4
2	#5922.00	55.6 AV	68.2	-12.6	3.58 V	166	41.2	14.4
3	*6025.00	108.5 PK			3.58 V	166	64.2	44.3
4	*6025.00	97.7 AV			3.58 V	166	53.4	44.3
5	12050.00	61.6 PK	74.0	-12.4	1.82 V	241	38.9	22.7
6	12050.00	49.1 AV	54.0	-4.9	1.82 V	241	26.4	22.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	*6185.00	113.5 PK			1.42 H	136	68.8	44.7
2	*6185.00	102.3 AV			1.42 H	136	57.6	44.7
3	12370.00	61.0 PK	74.0	-13.0	2.41 H	153	38.6	22.4
4	12370.00	49.1 AV	54.0	-4.9	2.41 H	153	26.7	22.4
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	*6185.00	108.8 PK			3.52 V	169	64.1	44.7
2	*6185.00	98.3 AV			3.52 V	169	53.6	44.7
3	12370.00	61.0 PK	74.0	-13.0	1.92 V	237	38.6	22.4
4	12370.00	48.9 AV	54.0	-5.1	1.92 V	237	26.5	22.4

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.

RF Mode	TX 802.11ax (HE160)	Channel	CH 79：6345 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.2 PK			1.44 H	129	68.8	45.4
2	*6345.00	103.0 AV			1.44 H	129	57.6	45.4
3	12690.00	61.3 PK	74.0	-12.7	2.46 H	132	38.6	22.7
4	12690.00	49.4 AV	54.0	-4.6	2.46 H	132	26.7	22.7
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	109.8 PK			3.59 V	168	64.4	45.4
2	*6345.00	99.0 AV			3.59 V	168	53.6	45.4
3	12690.00	61.1 PK	74.0	-12.9	1.69 V	234	38.4	22.7
4	12690.00	49.0 AV	54.0	-5.0	1.69 V	234	26.3	22.7

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.

RF Mode	TX 802.11ax (HE160)	Channel	CH 111：6505 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	110.0 PK			1.15 H	135	63.7	46.3
2	*6505.00	99.8 AV			1.15 H	135	53.5	46.3
3	#13010.00	61.9 PK	88.2	-26.3	2.54 H	132	38.7	23.2
4	#13010.00	51.7 AV	68.2	-16.5	2.54 H	132	28.5	23.2
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	106.3 PK			3.69 V	165	60.0	46.3
2	*6505.00	95.1 AV			3.69 V	165	48.8	46.3
3	#13010.00	61.8 PK	88.2	-26.4	1.62 V	228	38.6	23.2
4	#13010.00	51.6 AV	68.2	-16.6	1.62 V	228	28.4	23.2

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 143：6665 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.9 PK			1.44 H	128	68.2	46.7
2	*6665.00	104.1 AV			1.44 H	128	57.4	46.7
3	13330.00	62.7 PK	74.0	-11.3	2.41 H	141	38.8	23.9
4	13330.00	50.8 AV	54.0	-3.2	2.41 H	141	26.9	23.9
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	110.7 PK			3.59 V	162	64.0	46.7
2	*6665.00	99.8 AV			3.59 V	162	53.1	46.7
3	13330.00	62.4 PK	74.0	-11.6	1.88 V	242	38.5	23.9
4	13330.00	50.3 AV	54.0	-3.7	1.88 V	242	26.4	23.9

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.

RF Mode	TX 802.11ax (HE160)	Channel	CH 175：6825 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	114.9 PK			1.40 H	136	68.0	46.9
2	*6825.00	104.2 AV			1.40 H	136	57.3	46.9
3	#13650.00	63.3 PK	88.2	-24.9	2.14 H	148	38.6	24.7
4	#13650.00	51.5 AV	68.2	-16.7	2.14 H	148	26.8	24.7
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	110.6 PK			3.73 V	169	63.7	46.9
2	*6825.00	99.8 AV			3.73 V	169	52.9	46.9
3	#13650.00	63.1 PK	88.2	-25.1	1.73 V	234	38.4	24.7
4	#13650.00	51.2 AV	68.2	-17.0	1.73 V	234	26.5	24.7

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.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	TX 802.11ax (HE160)	Channel	CH 207：6985 MHz
Frequency Range	1GHz ~ 40GHz	Detector Function	Peak (PK) Average (AV)

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	109.9 PK			1.32 H	129	61.9	48.0
2	*6985.00	100.1 AV			1.32 H	129	52.1	48.0
3	#7125.00	65.4 PK	88.2	-22.8	1.32 H	129	47.3	18.1
4	#7125.00	54.2 AV	68.2	-14.0	1.32 H	129	36.1	18.1
5	#13970.00	63.6 PK	88.2	-24.6	2.45 H	136	38.0	25.6
6	#13970.00	52.6 AV	68.2	-15.6	2.45 H	136	27.0	25.6
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	*6985.00	108.2 PK			3.66 V	98	60.2	48.0
2	*6985.00	97.5 AV			3.66 V	98	49.5	48.0
3	#7125.00	65.6 PK	88.2	-22.6	3.66 V	98	47.5	18.1
4	#7125.00	54.0 AV	68.2	-14.2	3.66 V	98	35.9	18.1
5	#13970.00	63.8 PK	88.2	-24.4	1.78 V	250	38.2	25.6
6	#13970.00	52.6 AV	68.2	-15.6	1.78 V	250	27.0	25.6

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.
6. " # ": The radiated frequency is out of the restricted band.

Below 1GHz Worst-Case Data:

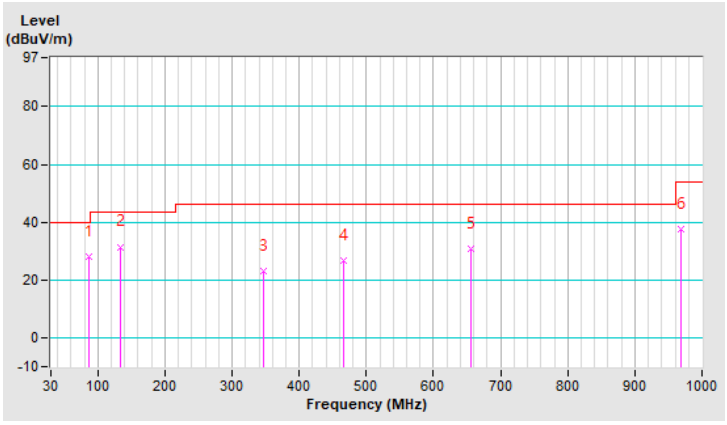
Nss 1

RF Mode	TX 802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	30MHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
Test Mode	A		

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	86.26	27.9 QP	40.0	-12.1	1.25 H	319	42.5	-14.6
2	133.79	31.5 QP	43.5	-12.0	1.00 H	3	41.2	-9.7
3	346.22	23.1 QP	46.0	-22.9	1.50 H	350	29.0	-5.9
4	465.53	26.6 QP	46.0	-19.4	1.00 H	338	29.6	-3.0
5	656.62	30.6 QP	46.0	-15.4	1.25 H	336	30.1	0.5
6	967.99	37.7 QP	54.0	-16.3	1.00 H	15	31.1	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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

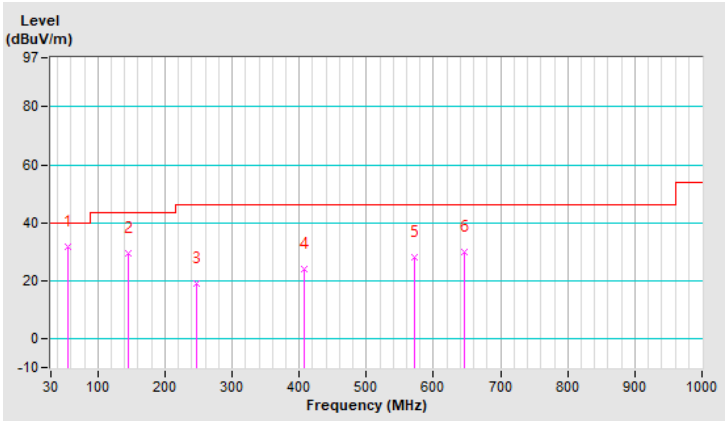


RF Mode	TX 802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	30MHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
Test Mode	A		

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	56.19	31.6 QP	40.0	-8.4	1.50 V	352	40.7	-9.1
2	144.46	29.5 QP	43.5	-14.0	1.00 V	15	38.4	-8.9
3	246.31	18.9 QP	46.0	-27.1	1.25 V	13	27.8	-8.9
4	408.30	24.2 QP	46.0	-21.8	1.25 V	13	28.8	-4.6
5	571.26	28.1 QP	46.0	-17.9	1.00 V	15	29.1	-1.0
6	646.92	29.9 QP	46.0	-16.1	2.00 V	356	29.3	0.6

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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

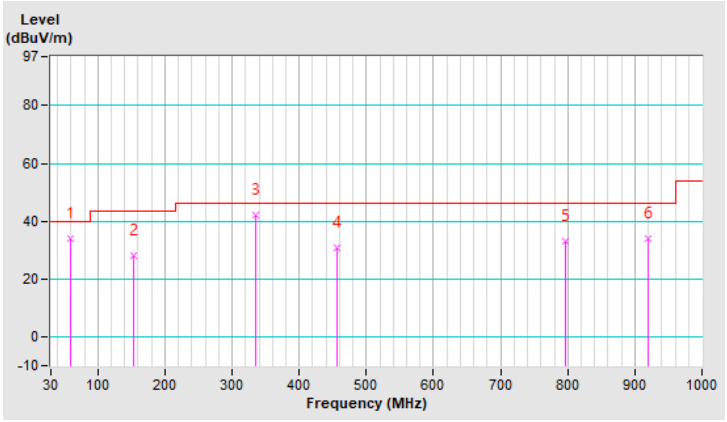


RF Mode	TX 802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	30MHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
Test Mode	B		

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	59.10	34.1 QP	40.0	-5.9	1.49 H	289	43.0	-8.9
2	153.19	27.9 QP	43.5	-15.6	1.49 H	111	36.7	-8.8
3	335.55	42.3 QP	46.0	-3.7	1.00 H	5	49.2	-6.9
4	455.83	30.7 QP	46.0	-15.3	1.49 H	21	35.3	-4.6
5	797.27	33.2 QP	46.0	-12.8	1.00 H	136	30.8	2.4
6	919.49	33.8 QP	46.0	-12.2	1.49 H	177	28.9	4.9

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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

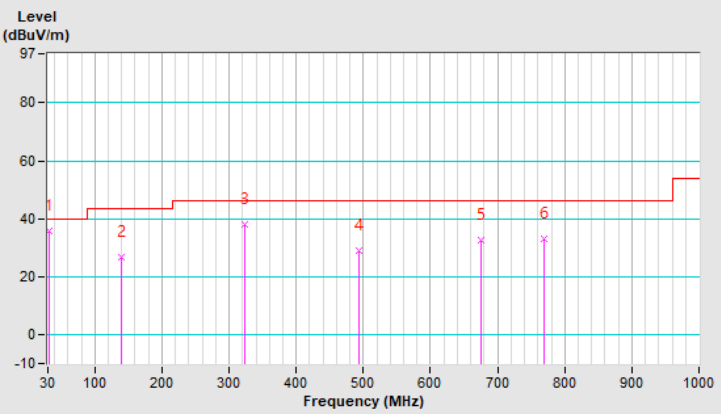


RF Mode	TX 802.11ax (HE160)	Channel	CH 47：6185 MHz
Frequency Range	30MHz ~ 1GHz	Detector Function	Quasi-Peak (QP)
Test Mode	B		

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	32.91	35.7 QP	40.0	-4.3	1.00 V	266	45.9	-10.2
2	139.61	26.9 QP	43.5	-16.6	1.00 V	198	36.2	-9.3
3	322.94	37.9 QP	46.0	-8.1	1.00 V	203	44.9	-7.0
4	493.66	28.8 QP	46.0	-17.2	1.00 V	14	32.9	-4.1
5	675.05	32.8 QP	46.0	-13.2	1.50 V	23	33.4	-0.6
6	769.14	33.0 QP	46.0	-13.0	1.50 V	9	31.0	2.0

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. The other emission levels were very low against the limit of frequency range 30MHz ~ 1000MHz.
4. Margin value = Emission Level – Limit value.
5. The emission levels were very low against the limit of frequency range 9kHz ~ 30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



4.2 In-Band Emission (Mask) Measurement

4.2.1 Limits of In-Band Emission (Mask) Measurement

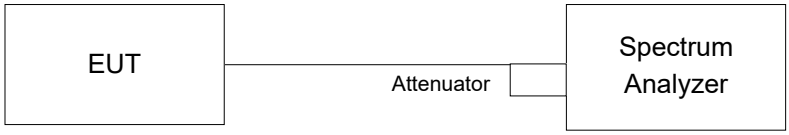
Test Item	Frequencies (MHz)	(X) dBc*1
Emission Mask	At 1 MHz outside of channel edge	20
	At one channel bandwidth from the channel center*2	28
	At one- and one-half times the channel bandwidth away from channel center*3	40
	More than one- and one-half times the channel bandwidth	40

*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.

4.2.2 Test Setup



4.2.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.2.4 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.

d. 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.

e. Adjust the span to encompass the entire mask as necessary and clear trace.

f. Trace average at least 100 traces in power averaging (rms) mode.

g. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

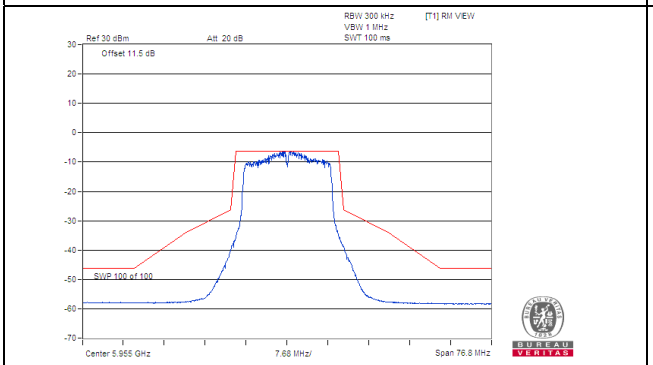
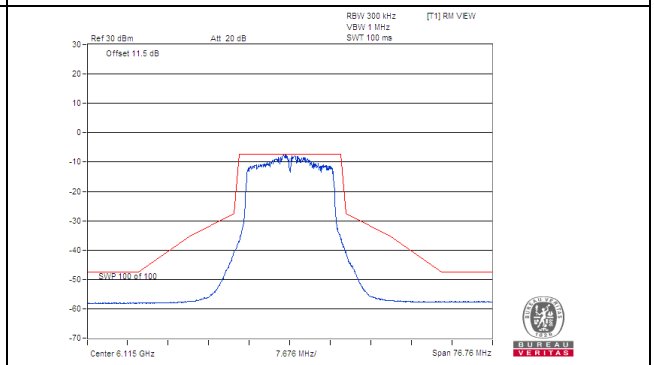
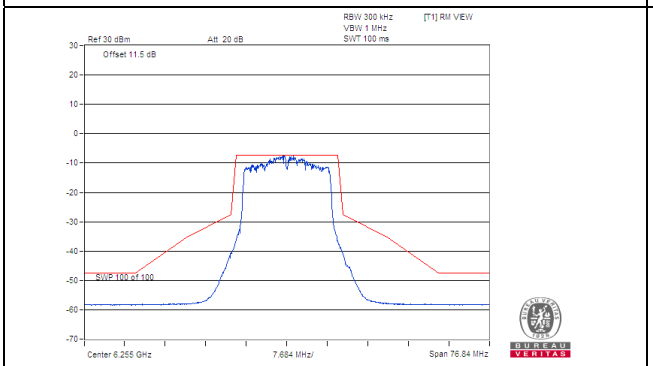
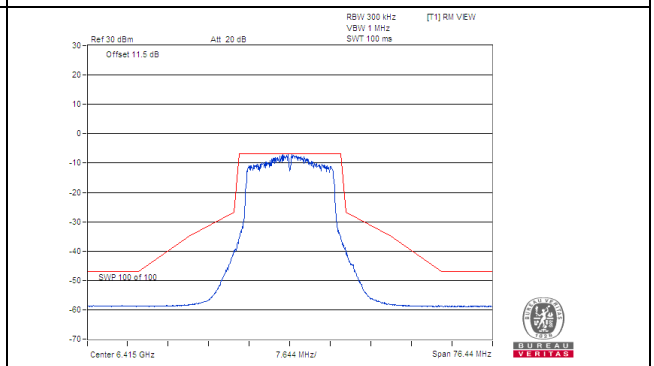
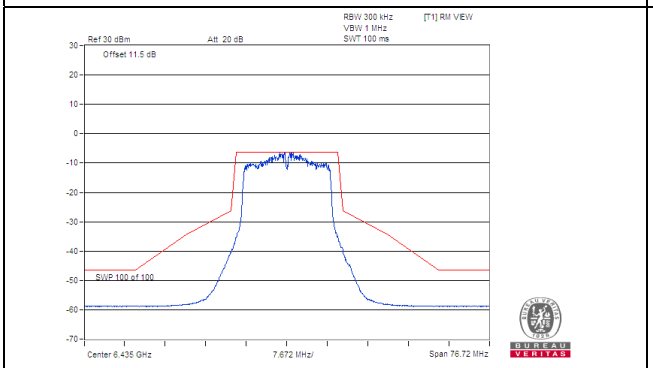
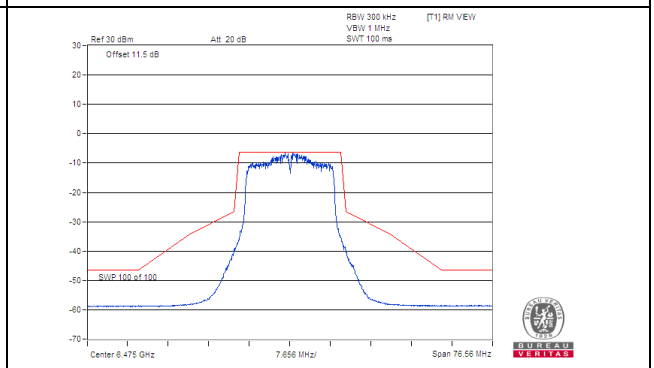
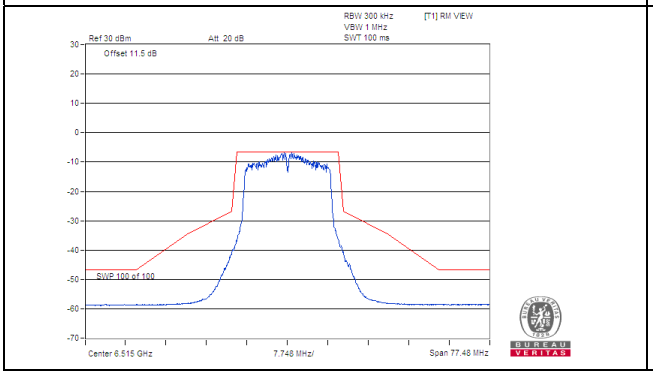
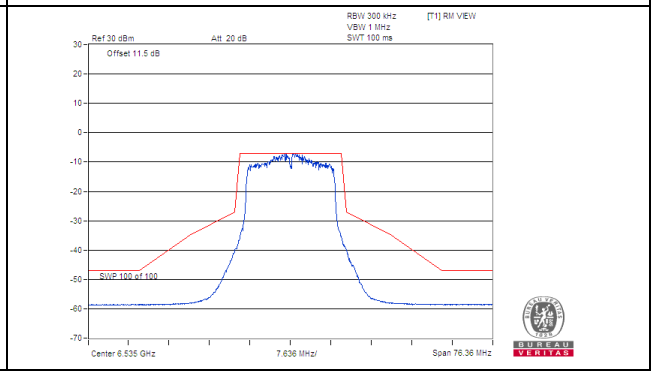
4.2.5 EUT Operating Condition

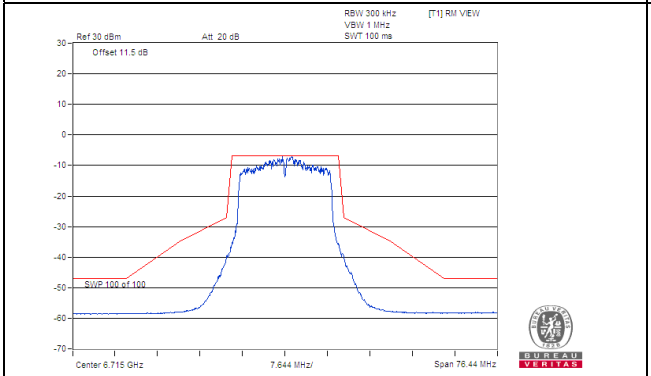
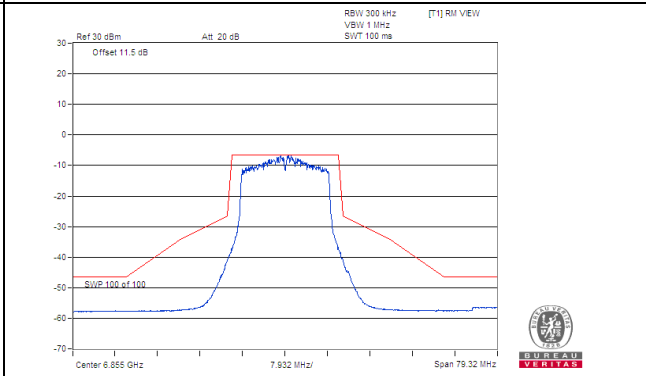
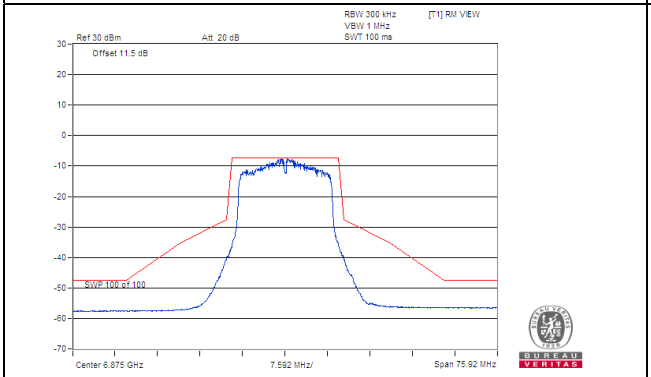
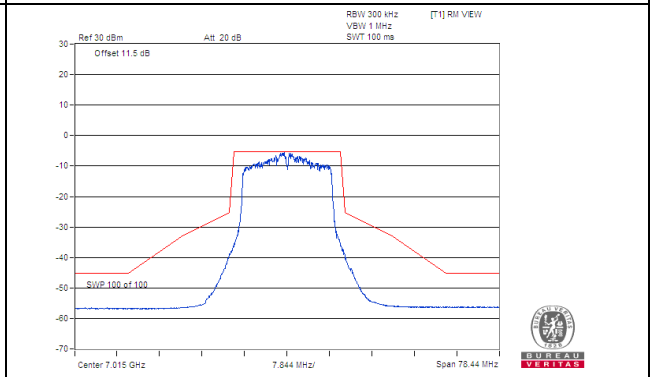
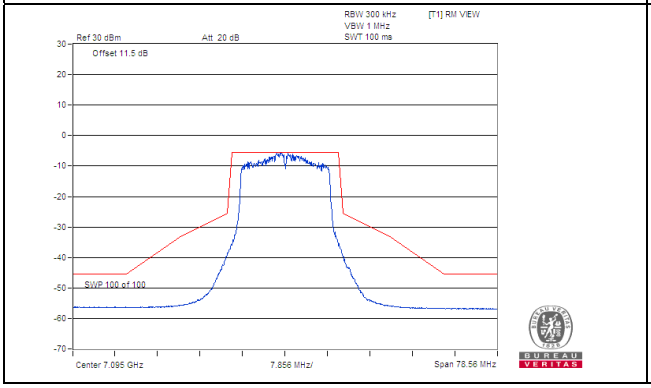
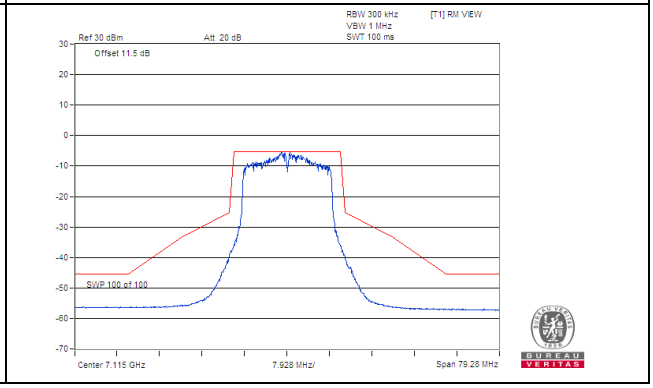
The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.2.6 Test Results

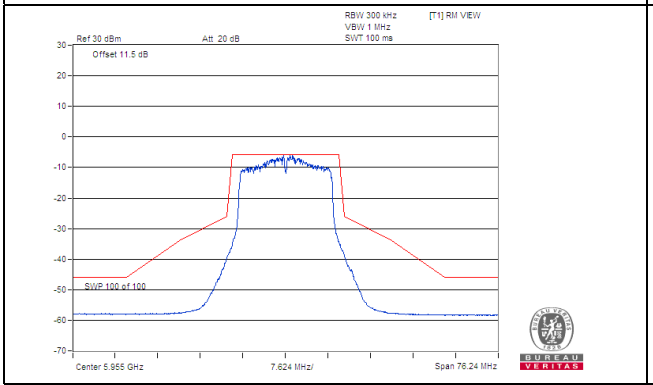
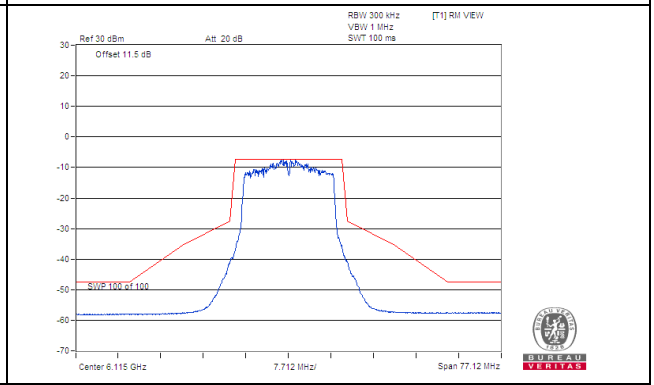
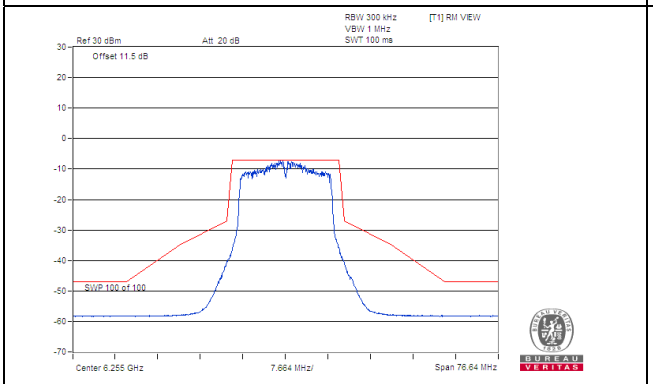
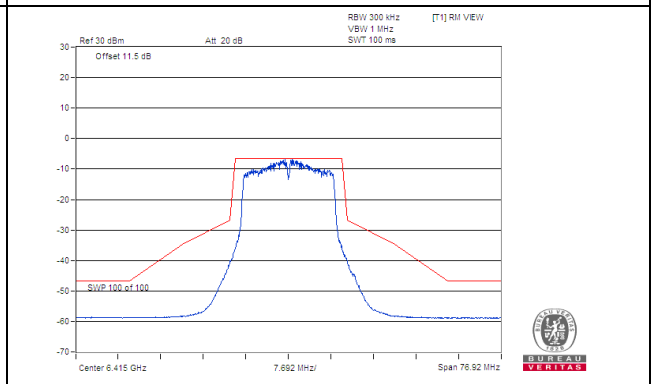
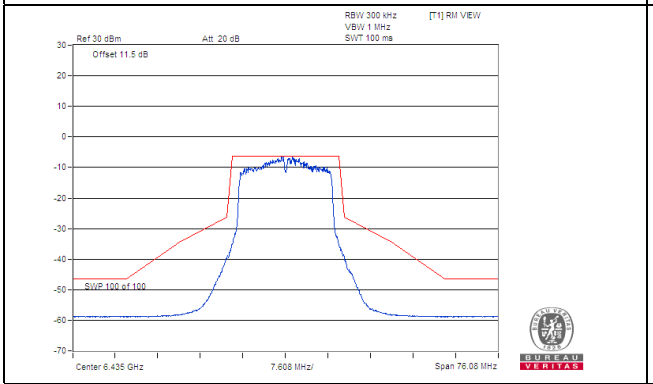
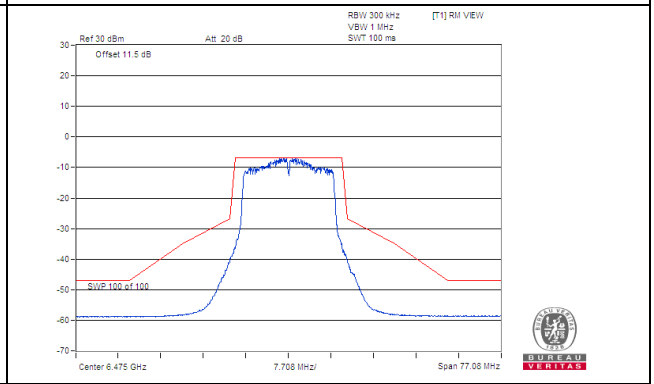
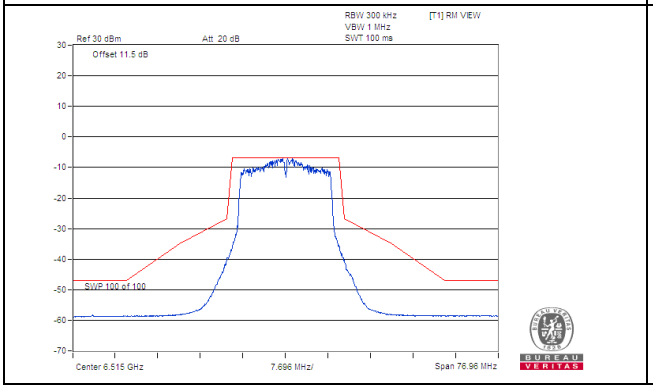
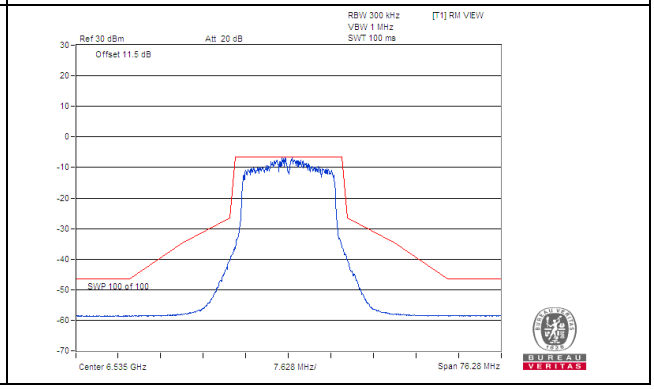
Nss 1

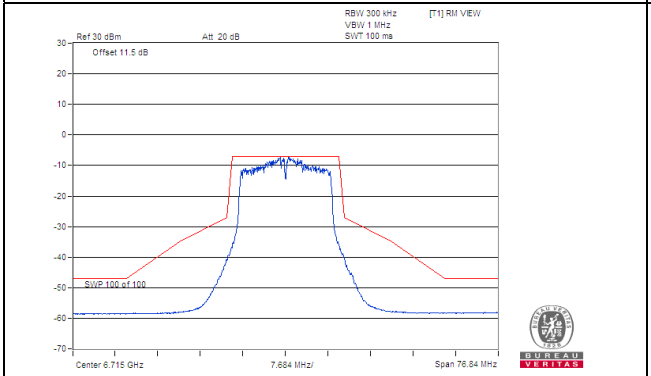
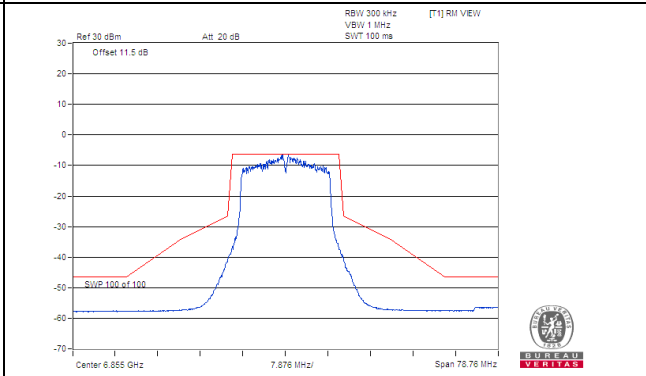
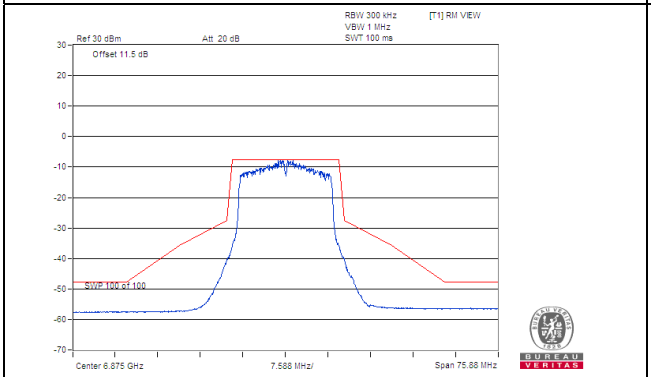
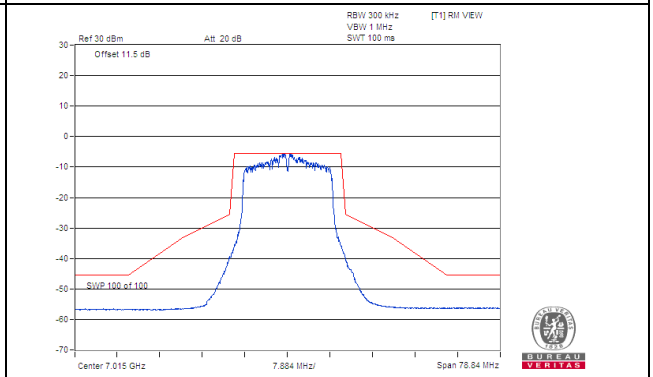
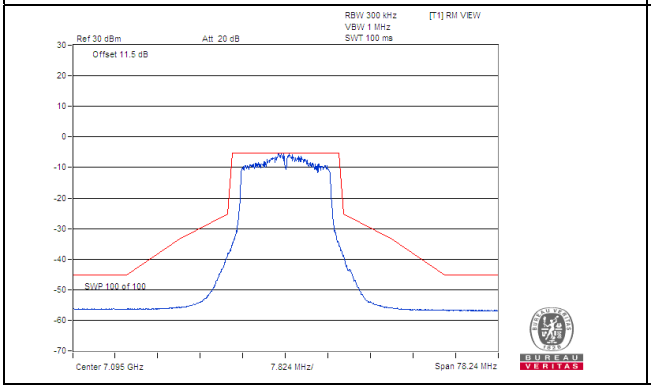
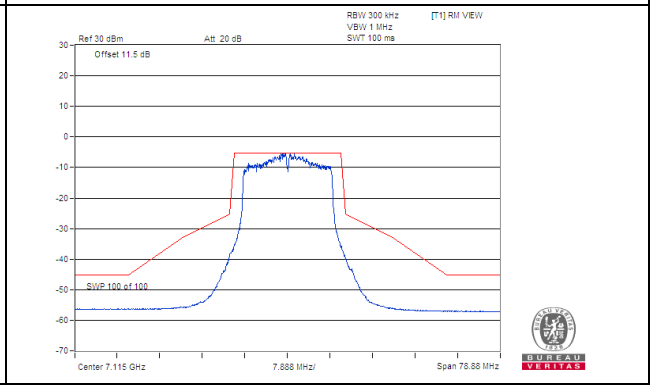
802.11a_Chain 0

Spectrum Plot	
CH 1	CH 33
	
CH 61	CH 93
	
CH 97	CH 105
	
CH 113	CH 117
	

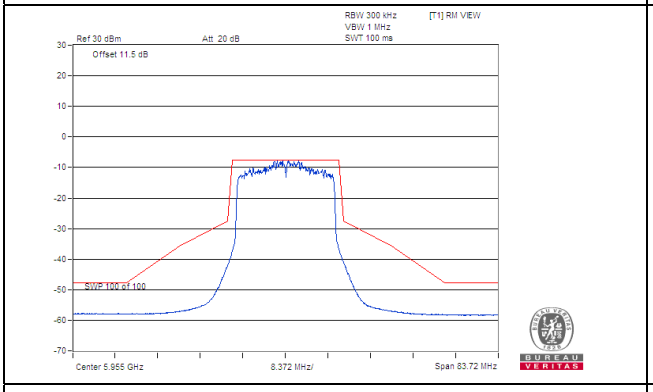
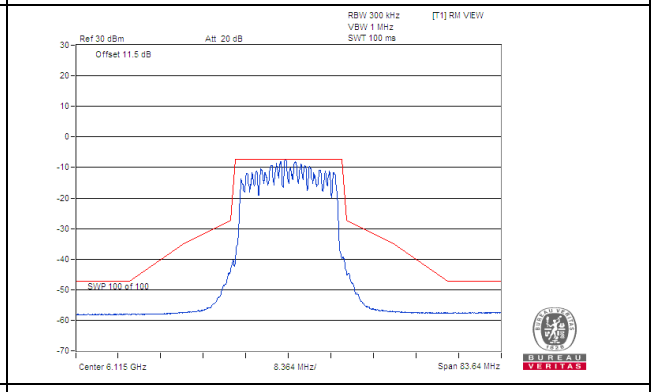
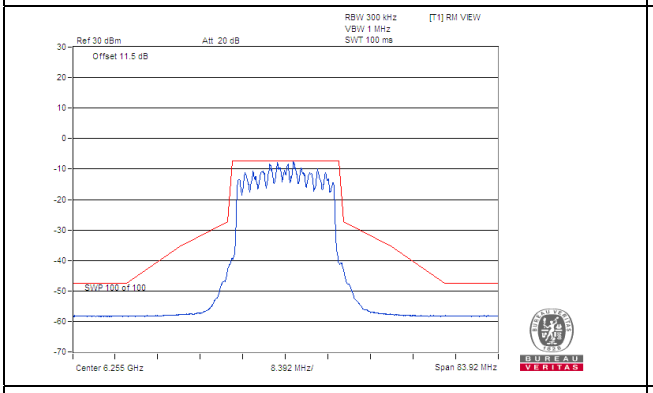
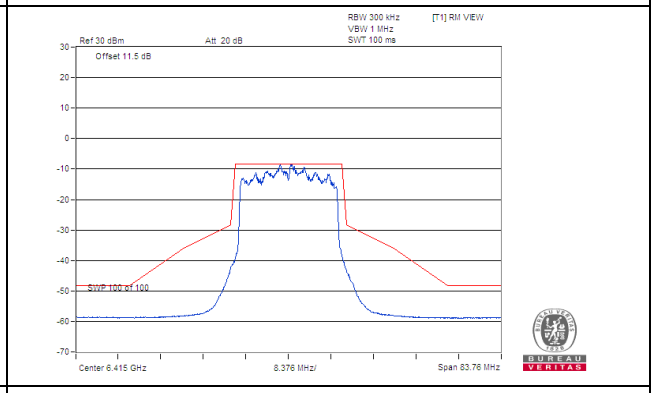
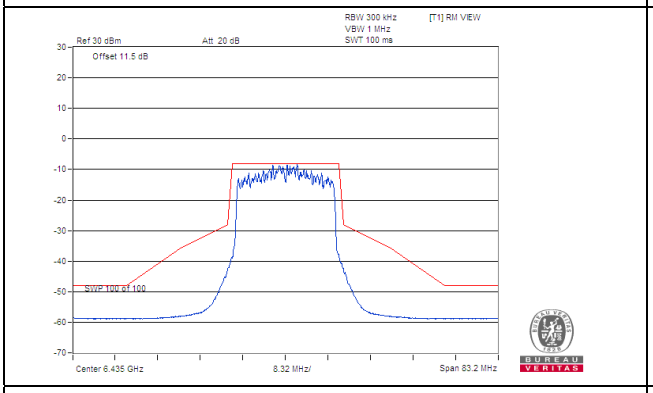
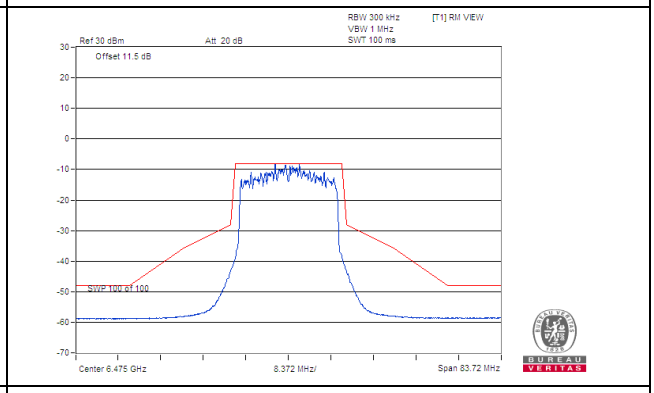
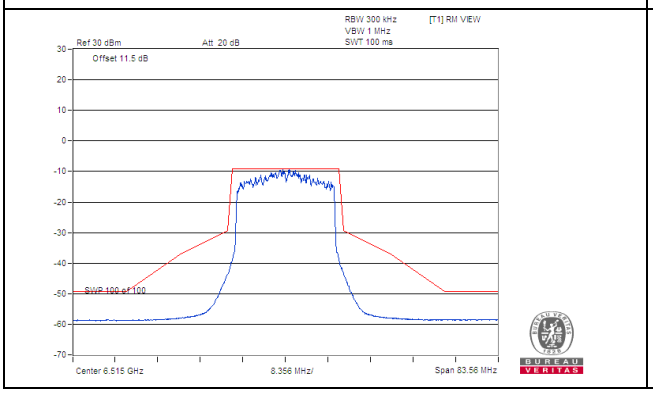
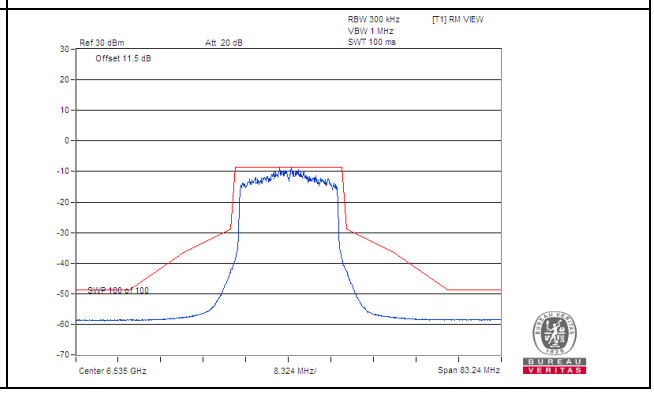
Spectrum Plot	
CH 153	CH 181
	
CH 185	CH 213
	
CH 229	CH 233
	

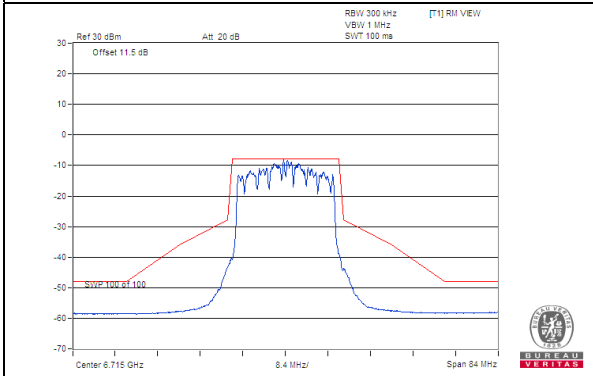
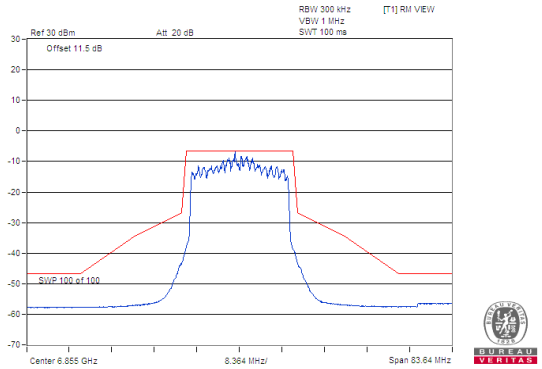
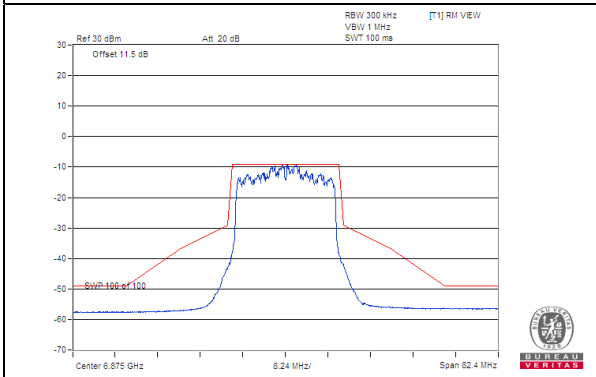
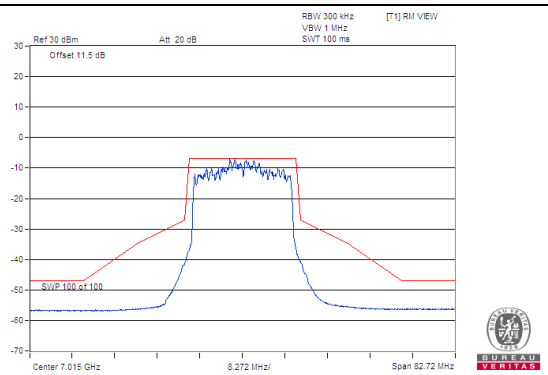
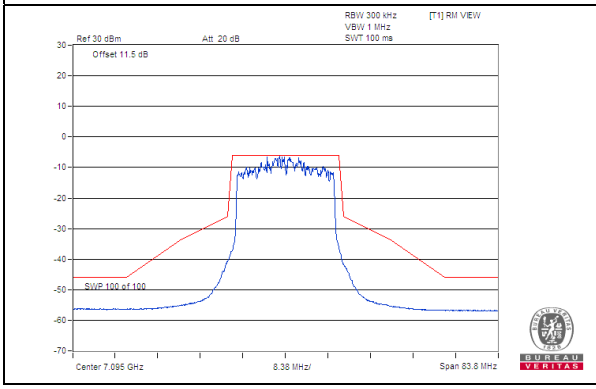
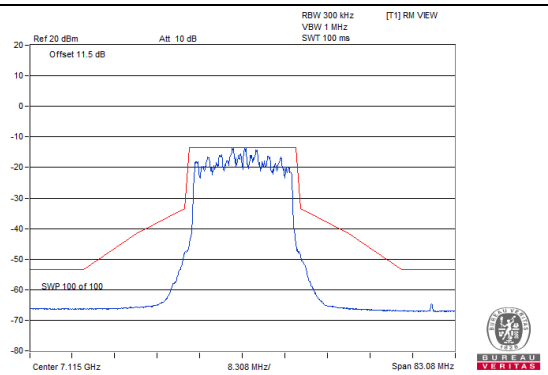
802.11a_Chain 1

Spectrum Plot	
CH 1	CH 33
	
CH 61	CH 93
	
CH 97	CH 105
	
CH 113	CH 117
	

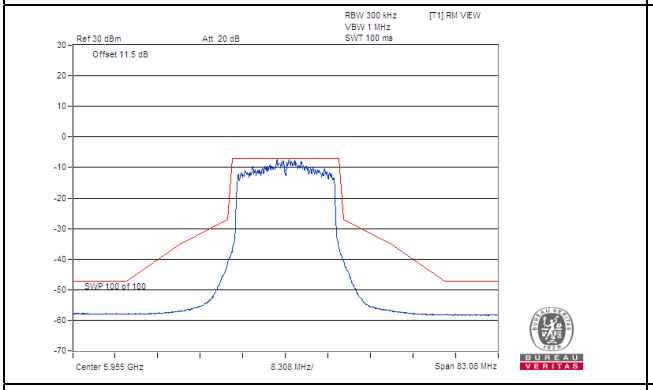
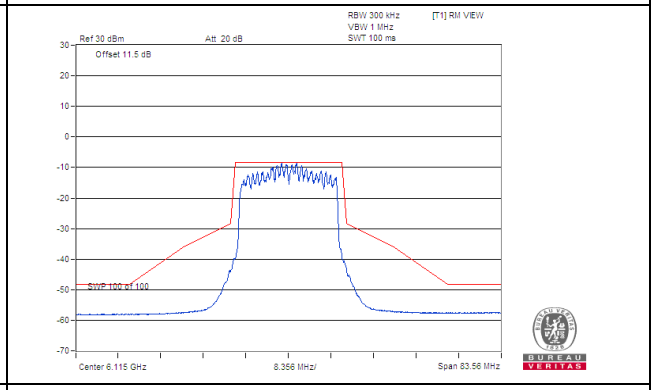
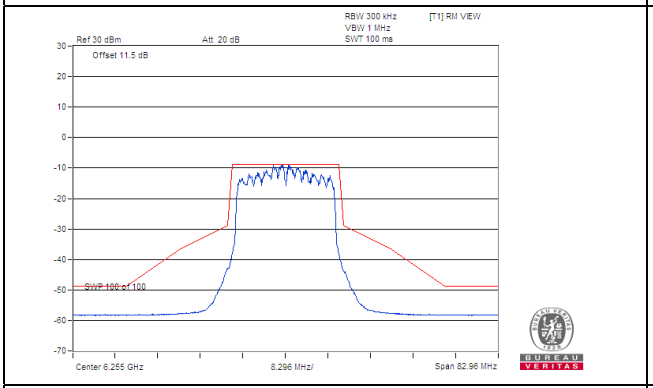
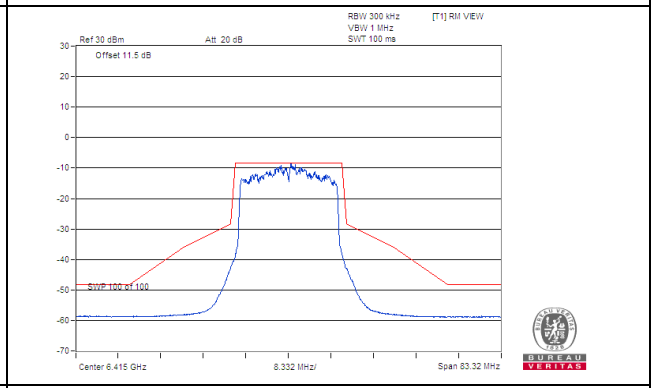
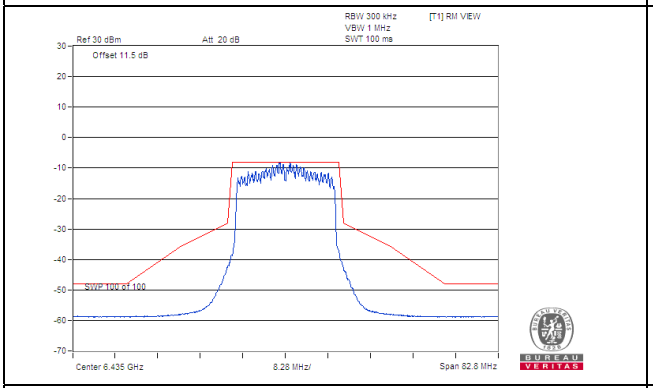
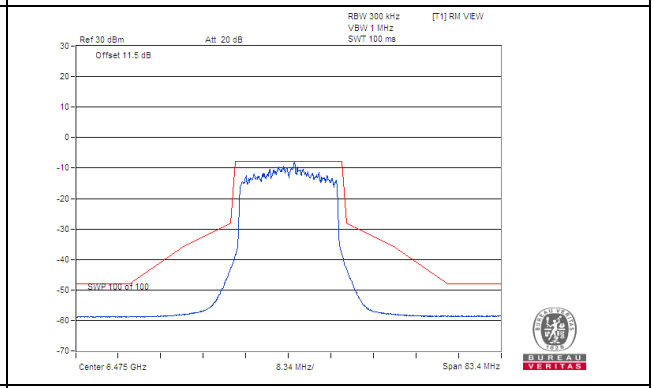
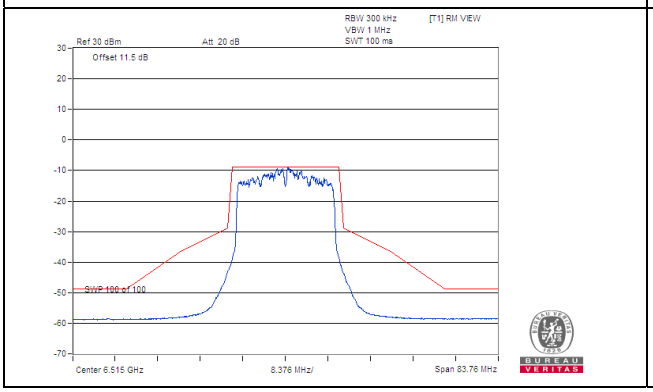
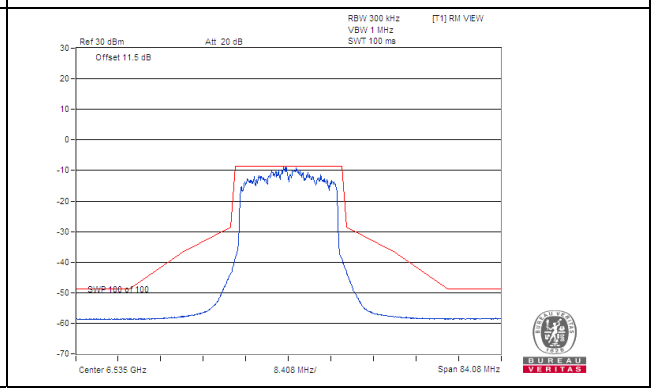
Spectrum Plot	
CH 153	CH 181
	
CH 185	CH 213
	
CH 229	CH 233
	

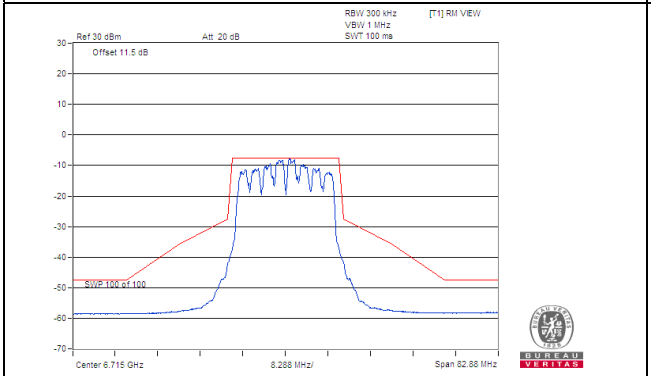
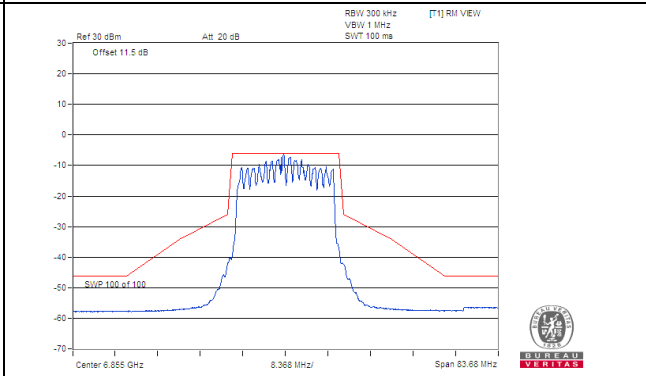
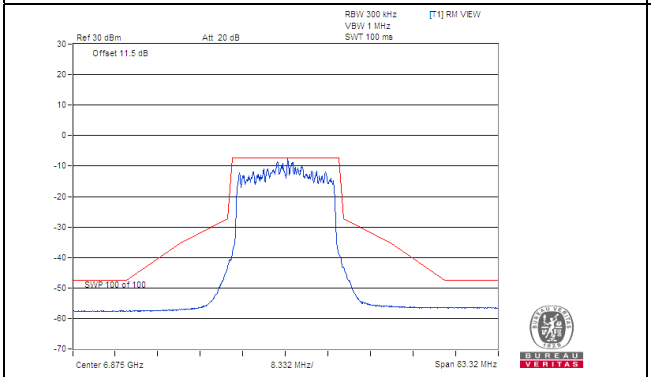
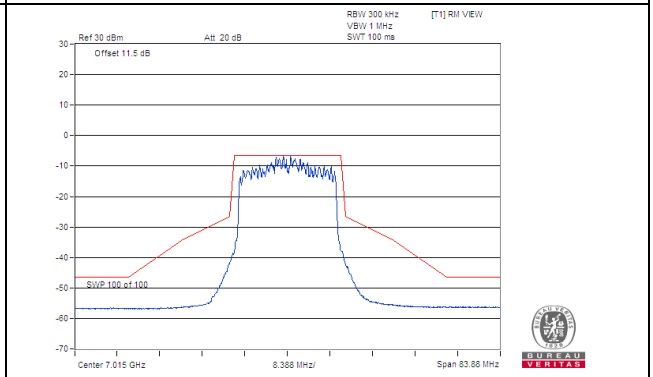
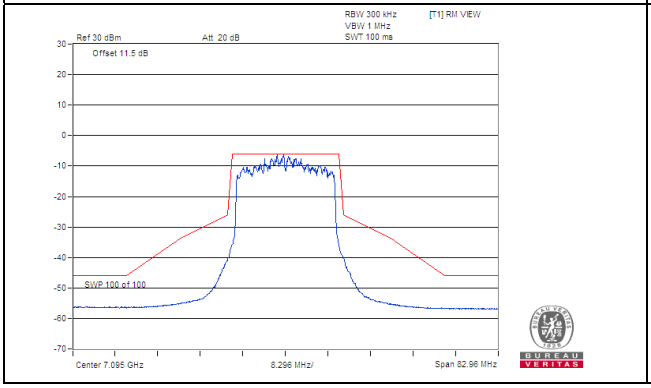
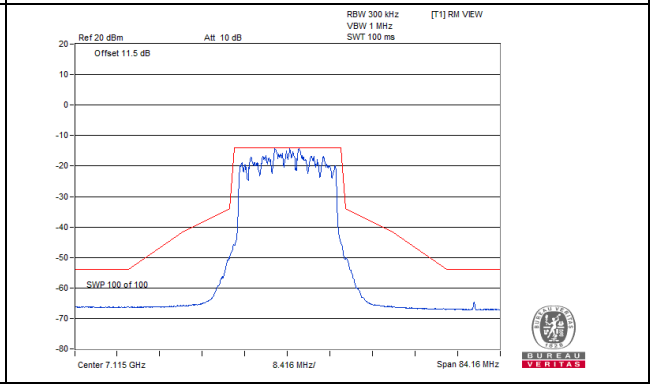
802.11ax (HE20)_Chain 0

Spectrum Plot	
CH 1	CH 33
	
CH 61	CH 93
	
CH 97	CH 105
	
CH 113	CH 117
	

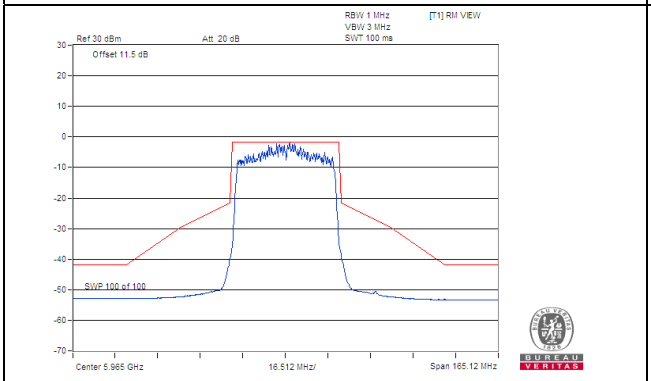
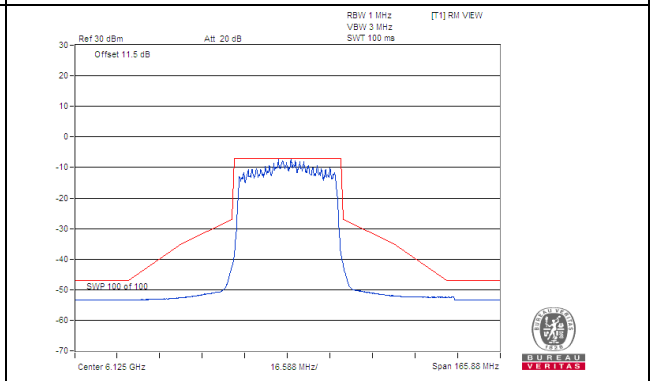
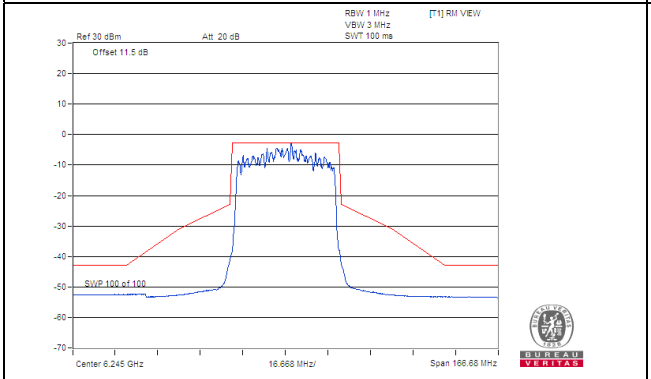
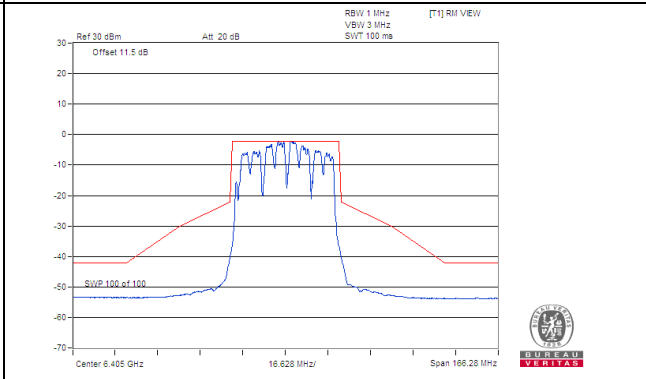
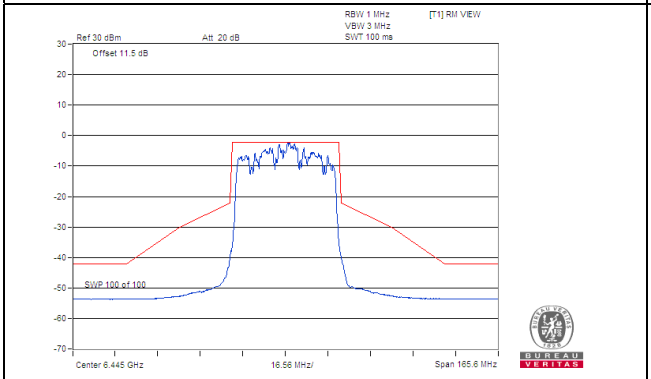
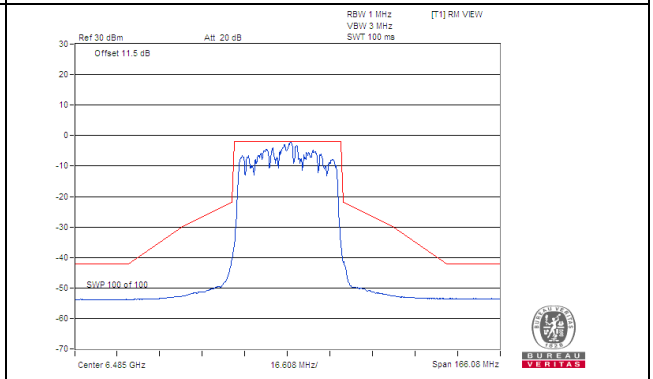
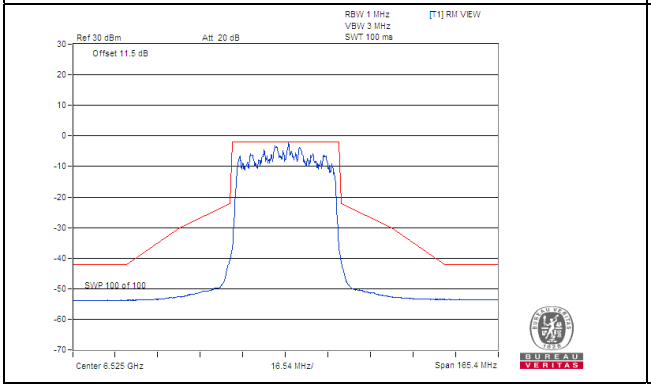
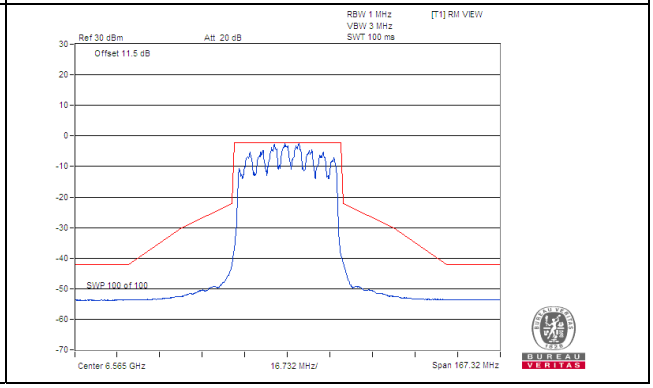
Spectrum Plot	
CH 153	CH 181
	
CH 185	CH 213
	
CH 229	CH 233
	

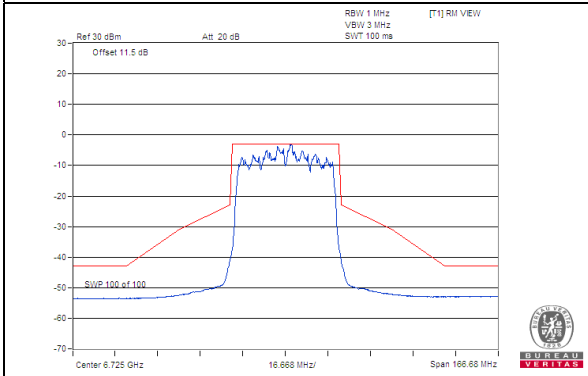
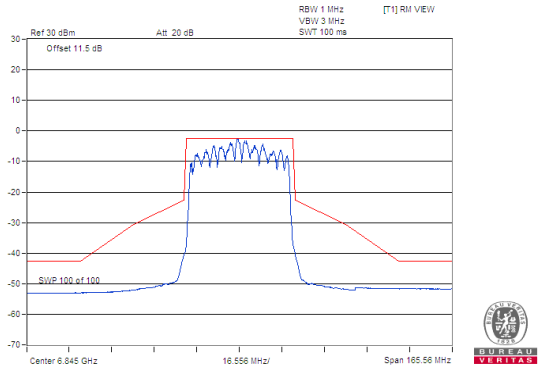
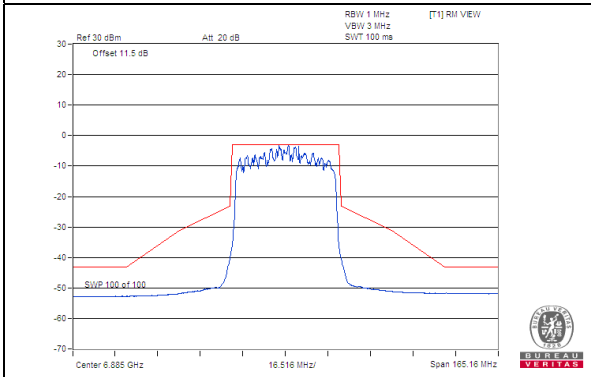
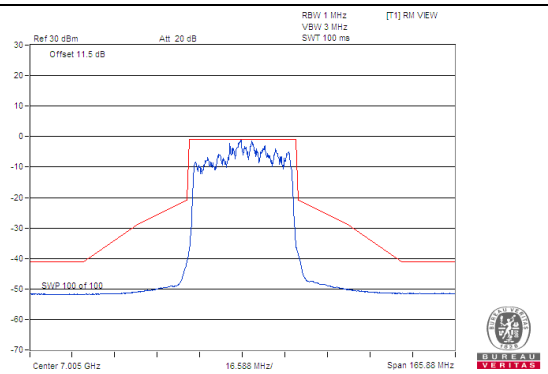
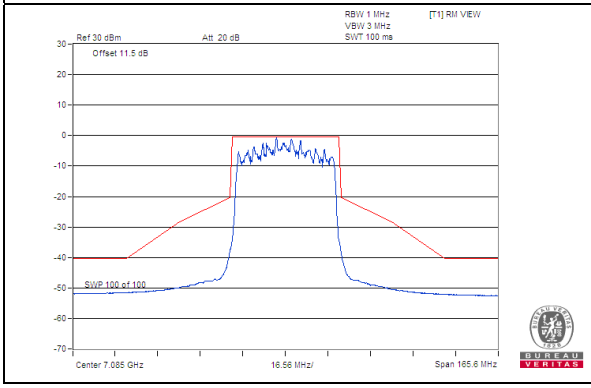
802.11ax (HE20)_Chain 1

Spectrum Plot	
CH 1	CH 33
	
CH 61	CH 93
	
CH 97	CH 105
	
CH 113	CH 117
	

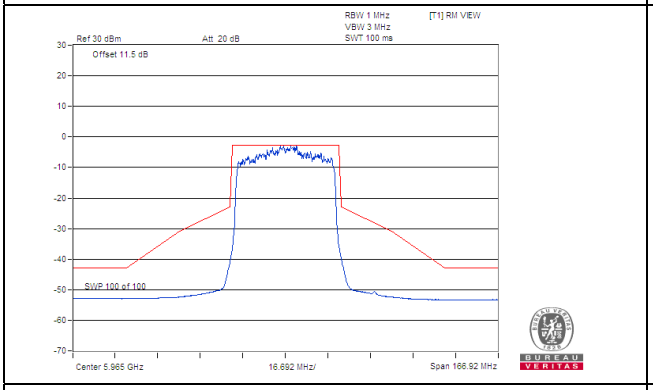
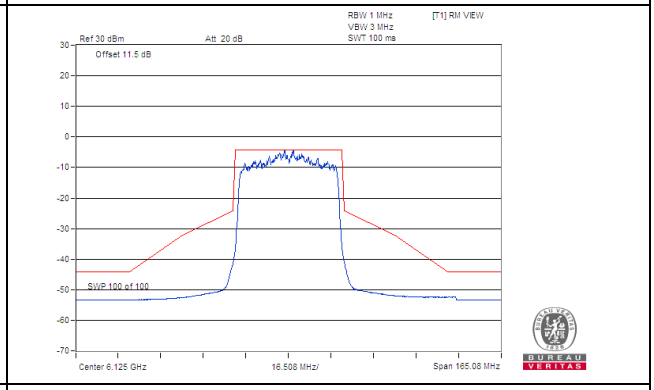
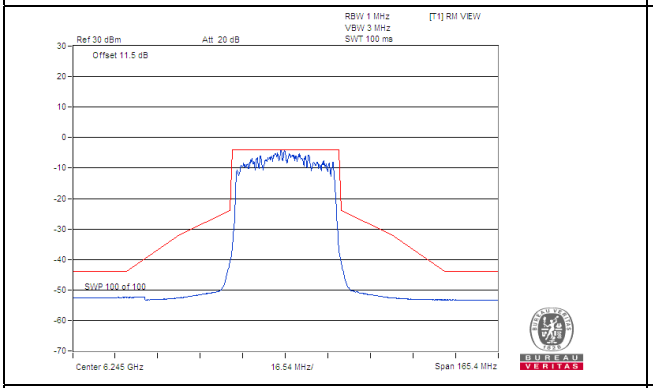
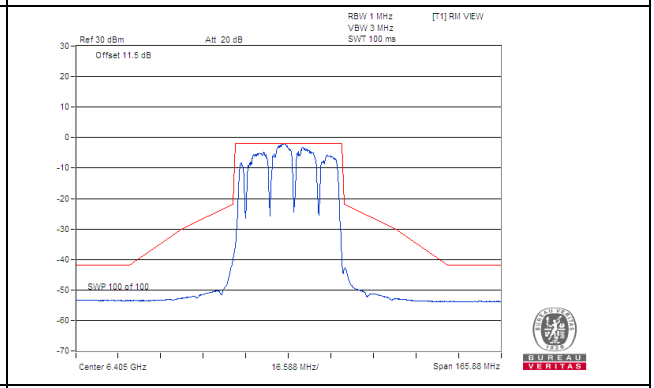
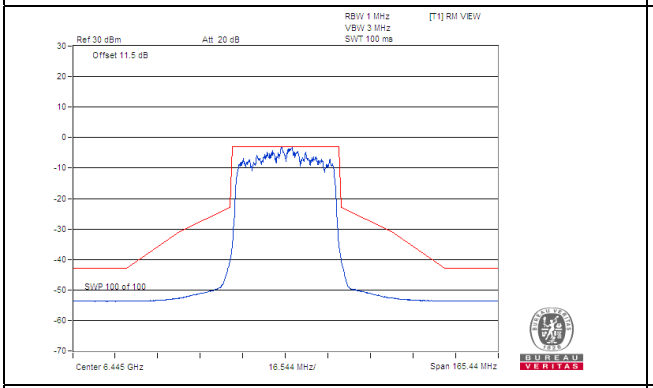
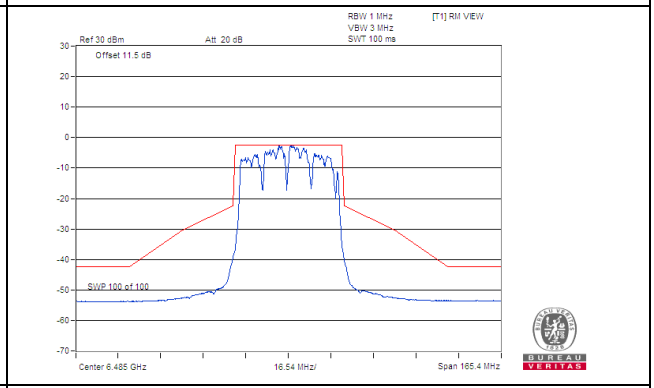
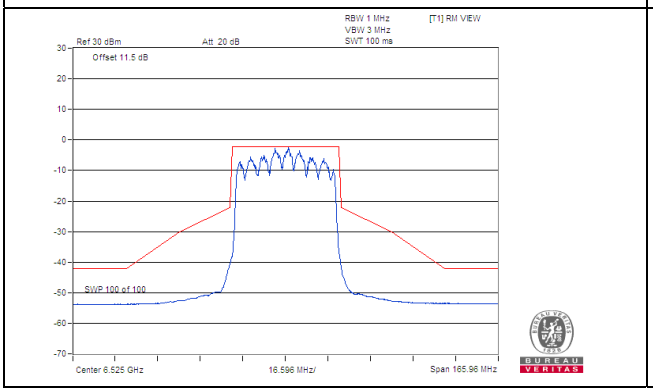
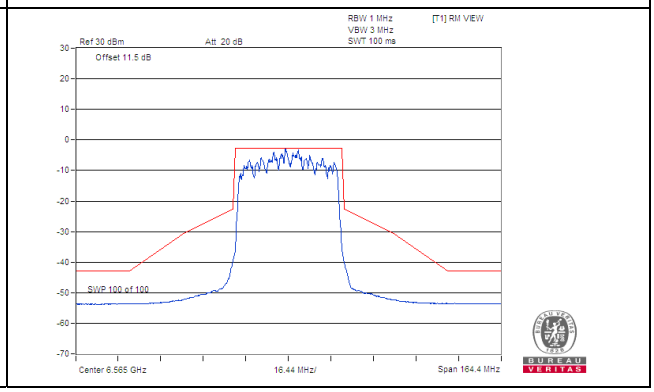
Spectrum Plot	
CH 153	CH 181
	
CH 185	CH 213
	
CH 229	CH 233
	

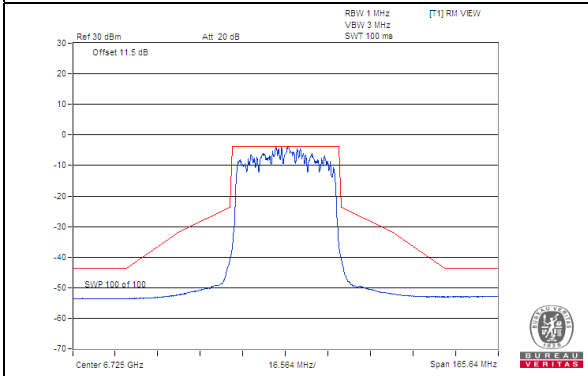
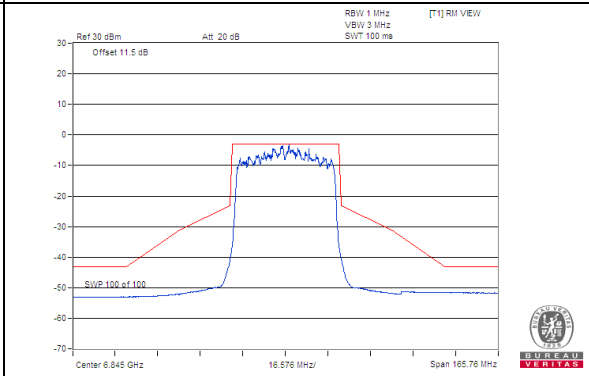
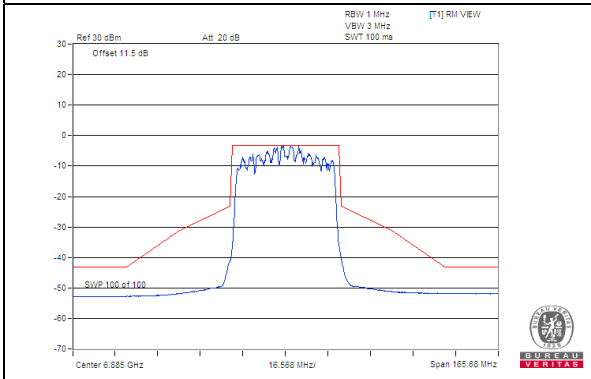
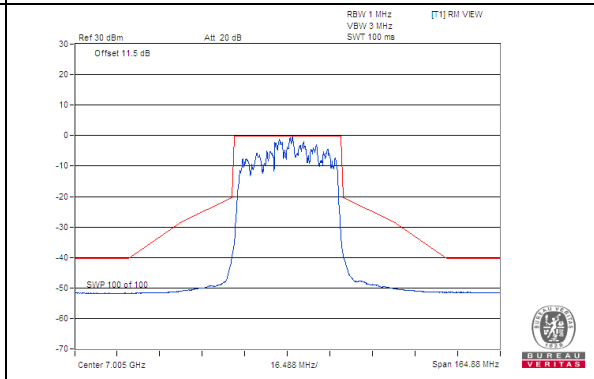
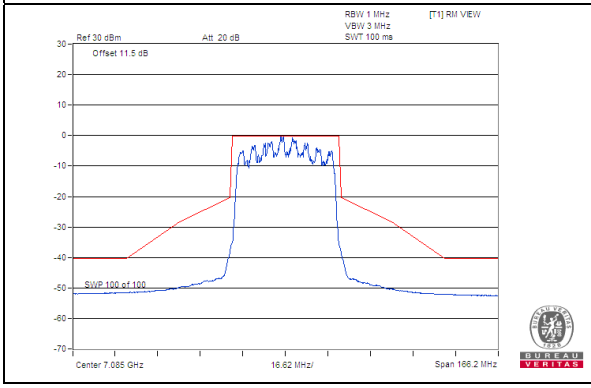
802.11ax (HE40)_Chain 0

Spectrum Plot	
CH 3	CH 35
	
CH 59	CH 91
	
CH 99	CH 107
	
CH 115	CH 123
	

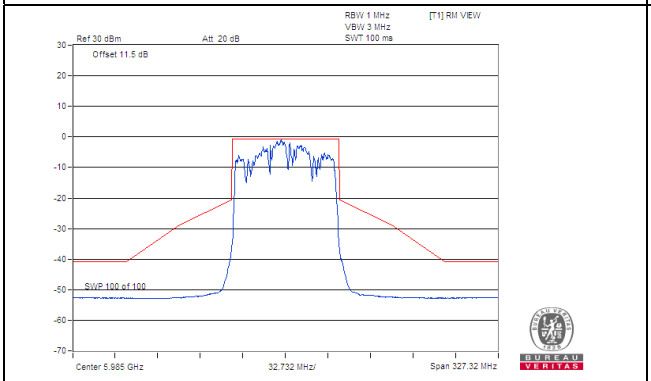
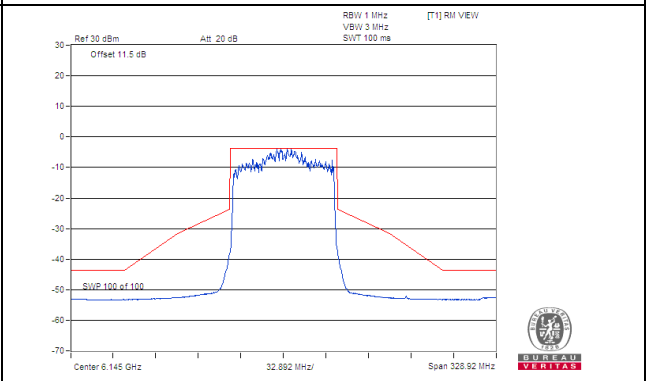
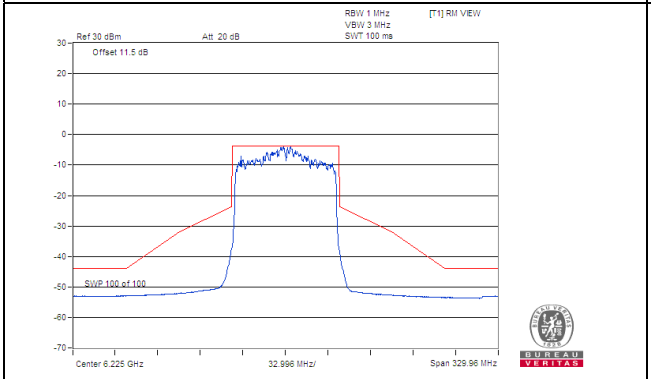
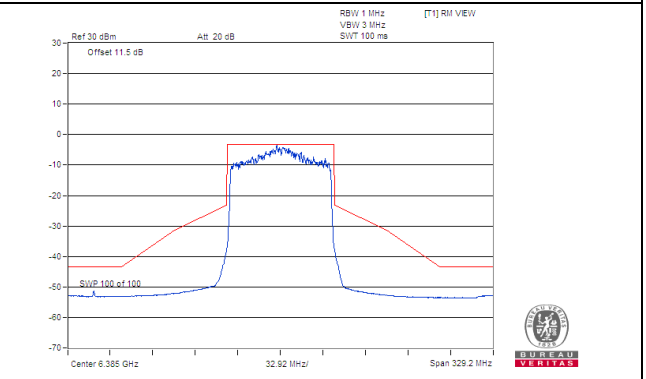
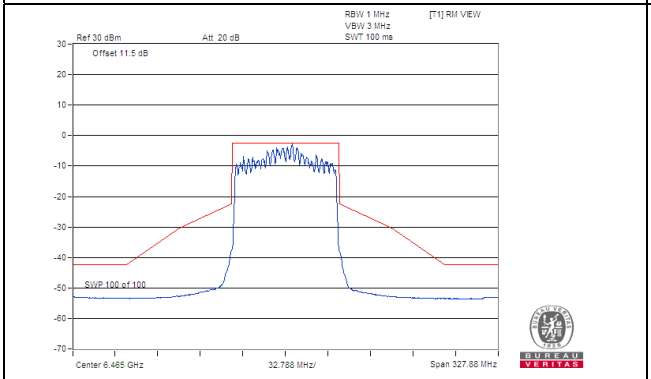
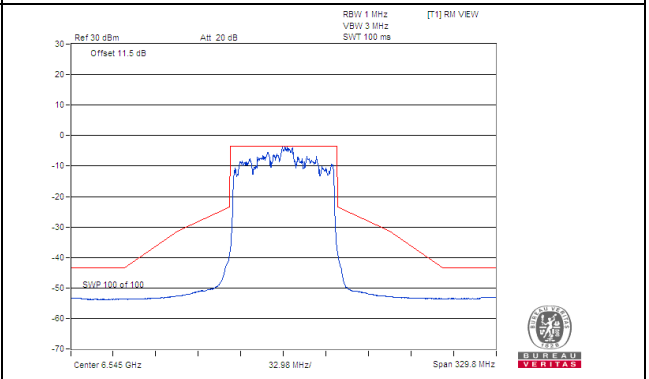
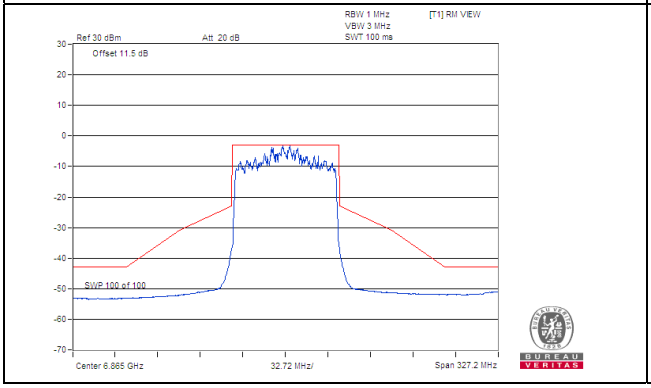
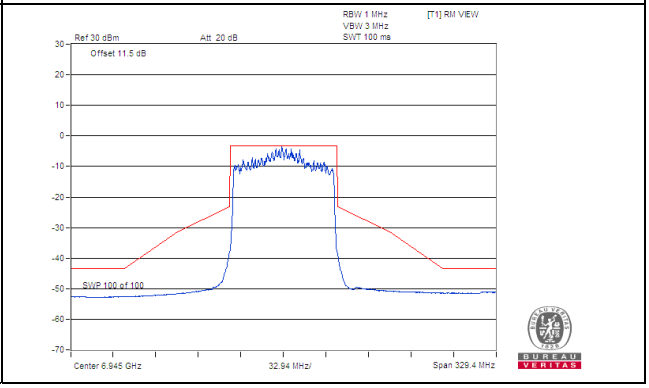
Spectrum Plot	
CH 155	CH 179
	
CH 187	CH 211
	
CH 227	
	

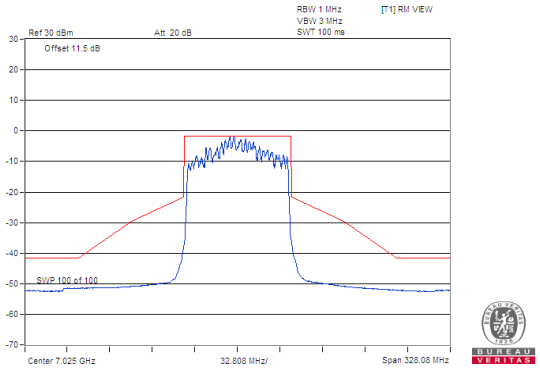
802.11ax (HE40)_Chain 1

Spectrum Plot	
CH 3	CH 35
	
CH 59	CH 91
	
CH 99	CH 107
	
CH 115	CH 123
	

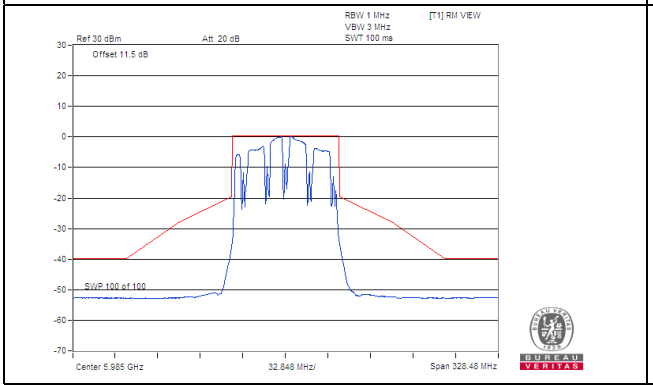
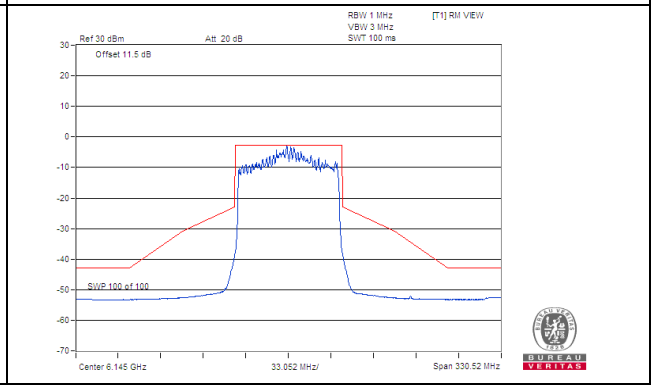
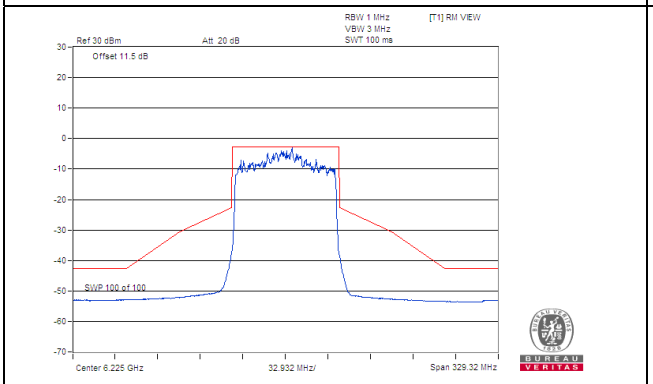
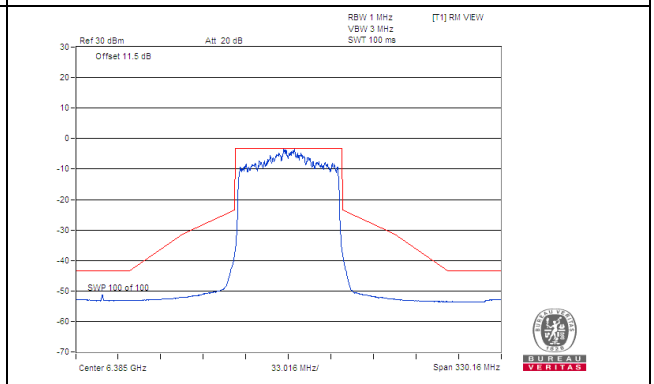
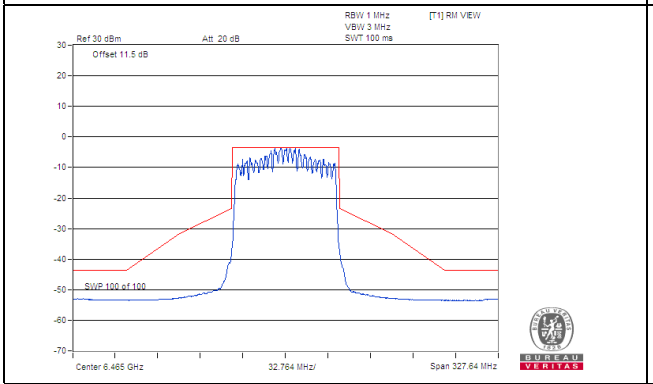
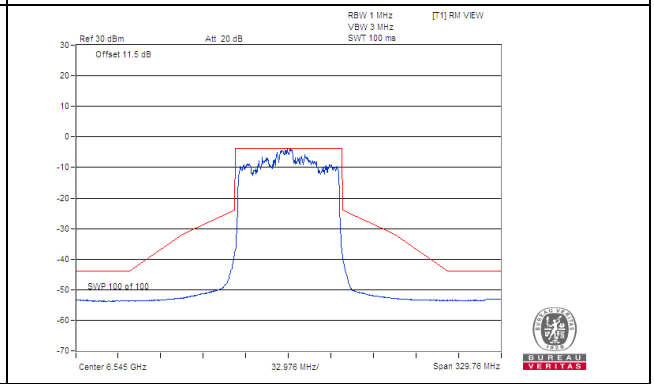
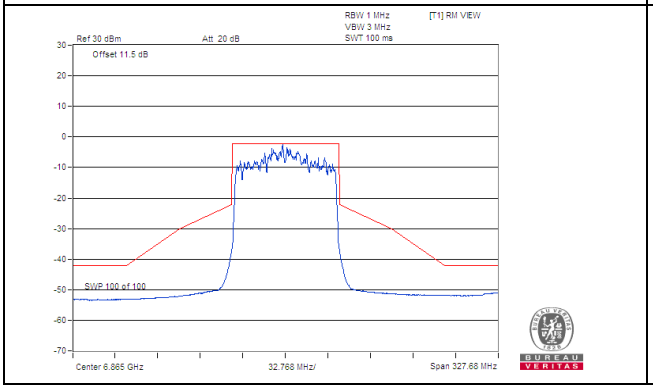
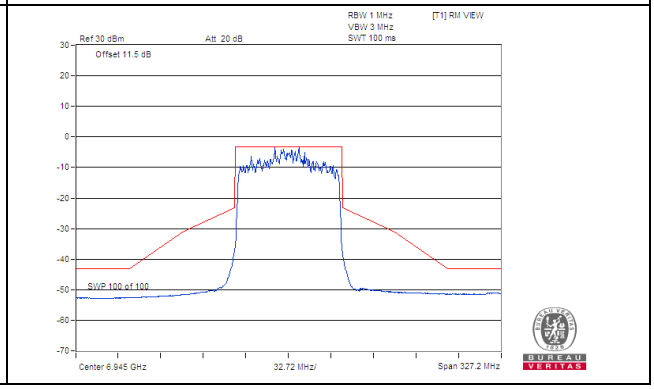
Spectrum Plot	
CH 155	CH 179
	
CH 187	CH 211
	
CH 227	
	

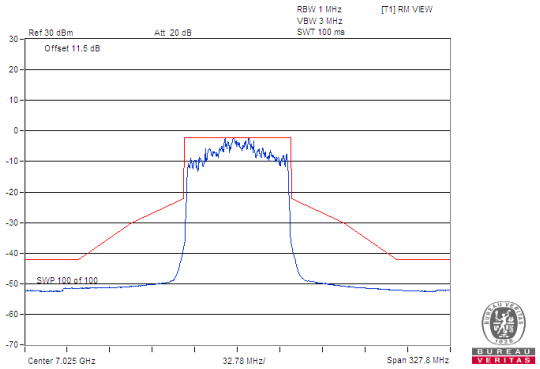
802.11ax (HE80)_Chain 0

Spectrum Plot	
CH 7	CH 39
	
CH 55	CH 87
	
CH 103	CH 119
	
CH 183	CH 199
	

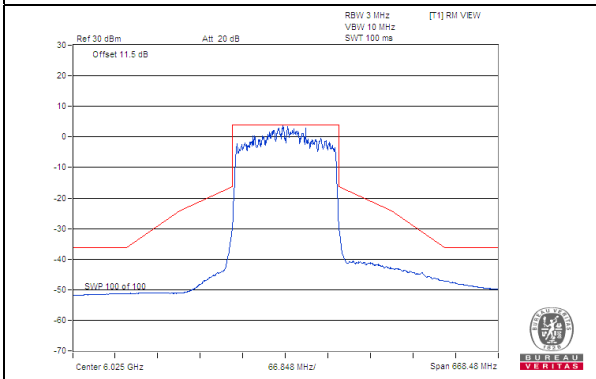
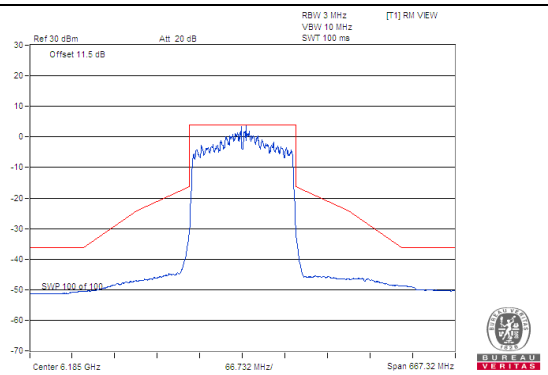
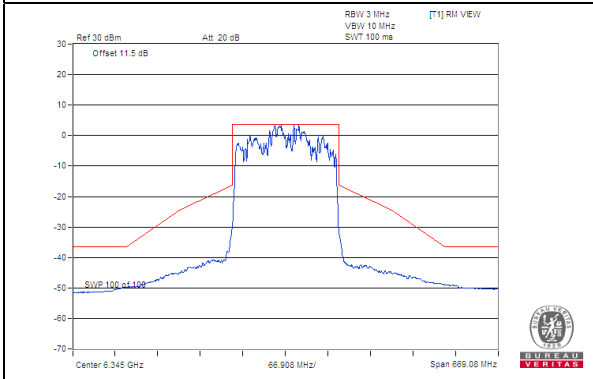
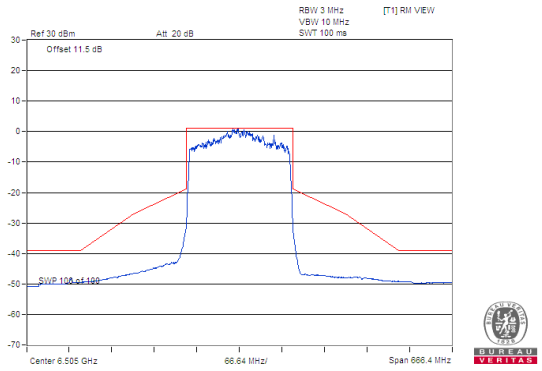
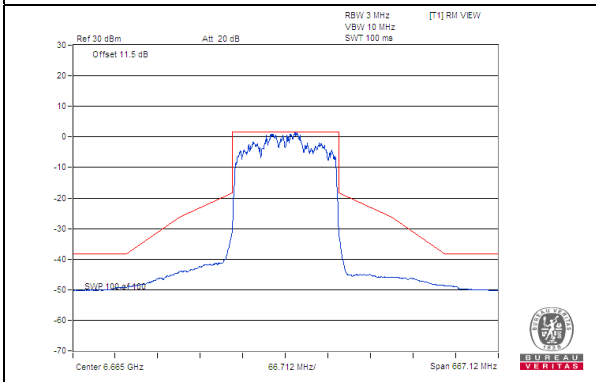
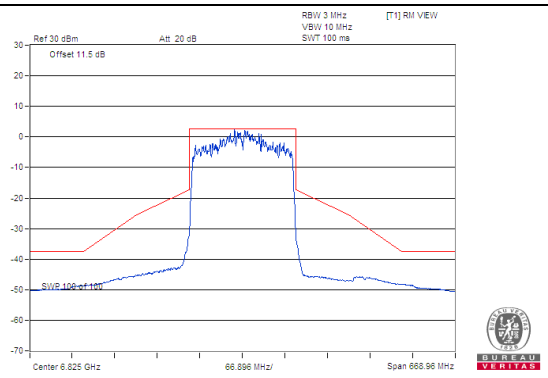
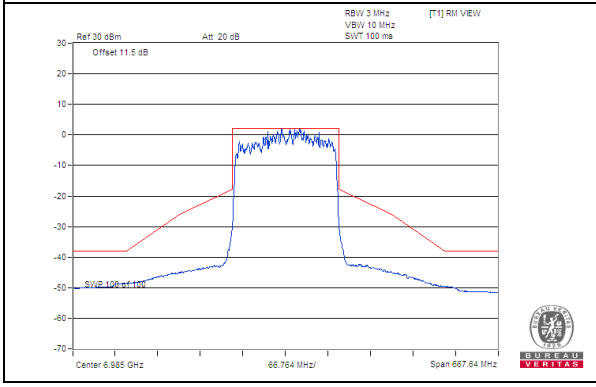
Spectrum Plot	
CH 215	
	

802.11ax (HE80)_Chain 1

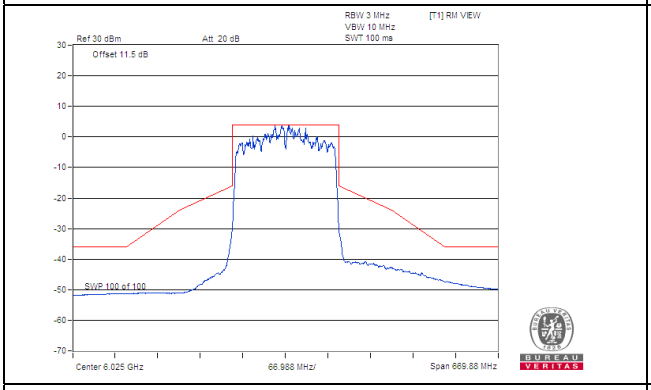
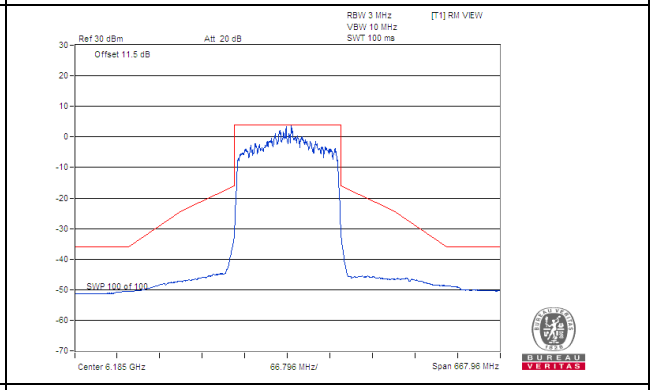
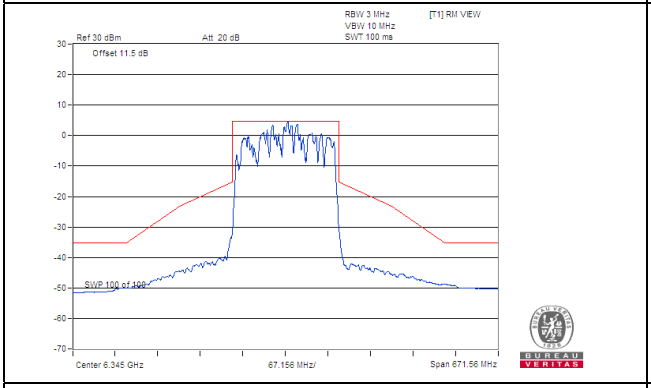
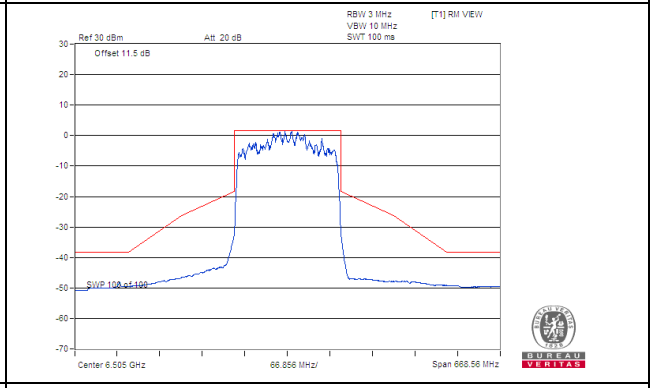
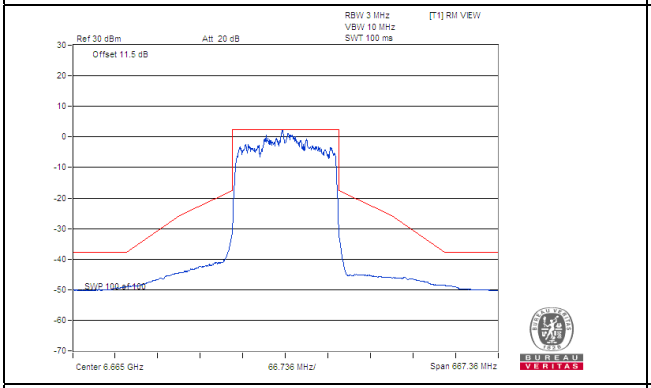
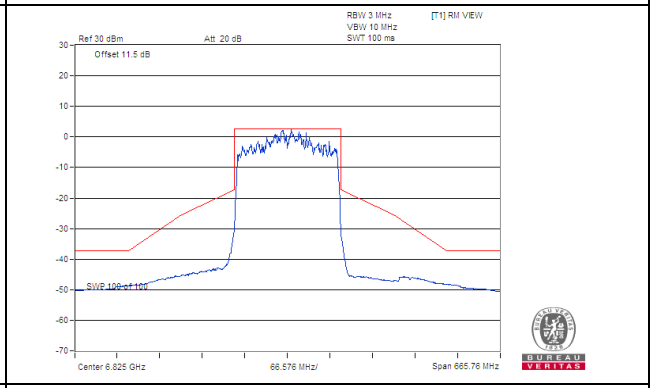
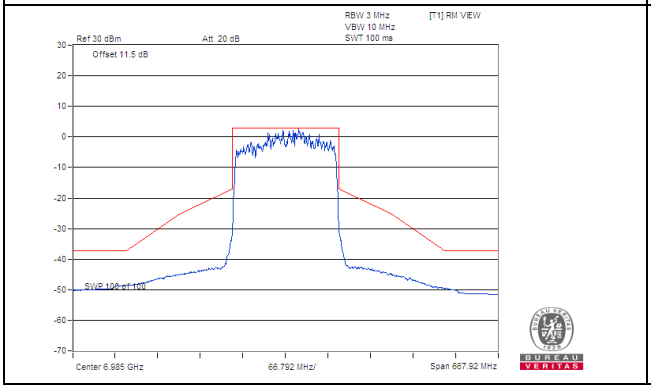
Spectrum Plot	
CH 7	CH 39
	
CH 55	CH 87
	
CH 103	CH 119
	
CH 183	CH 199
	

Spectrum Plot	
CH 215	
	

802.11ax (HE160)_Chain 0

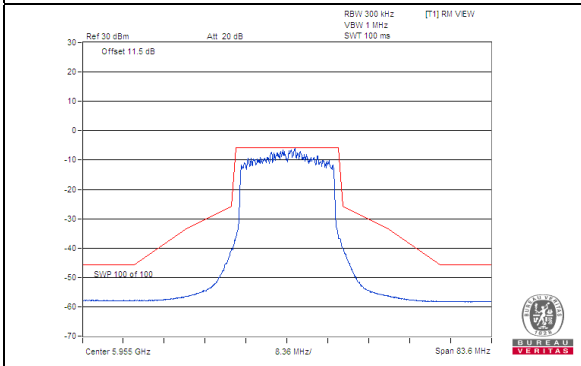
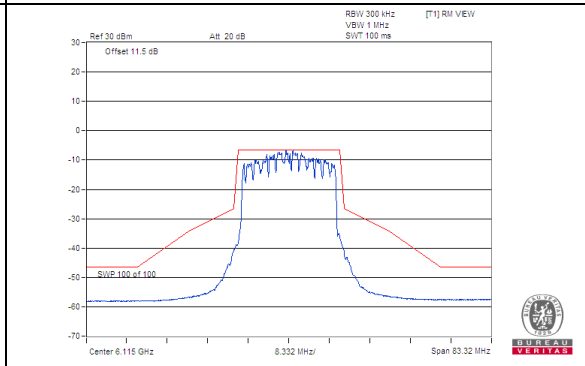
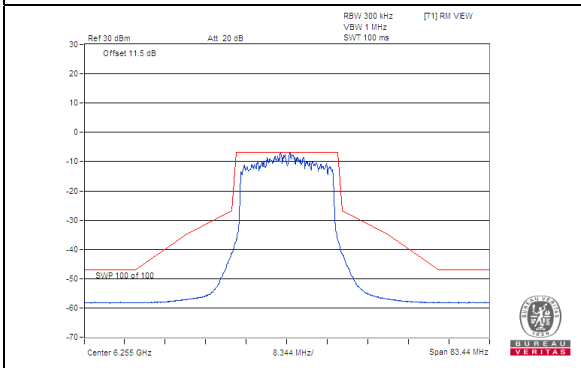
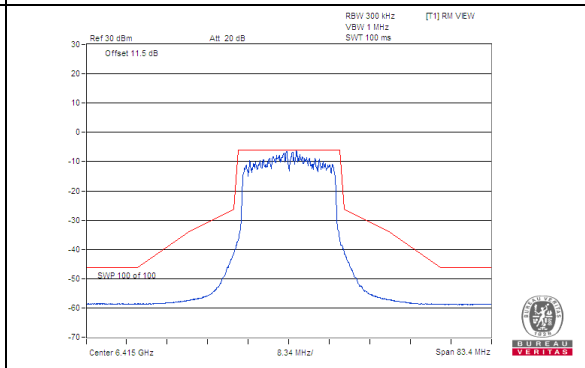
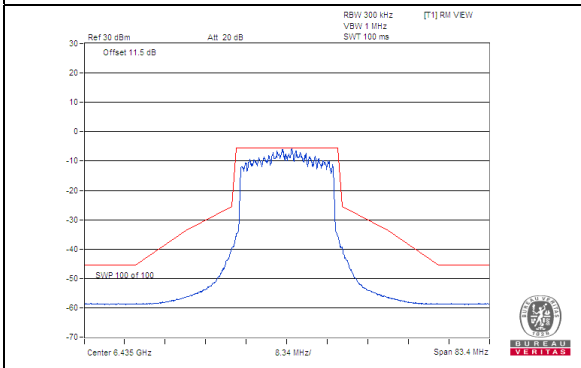
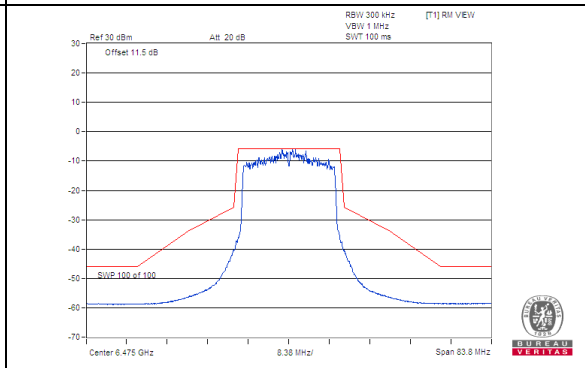
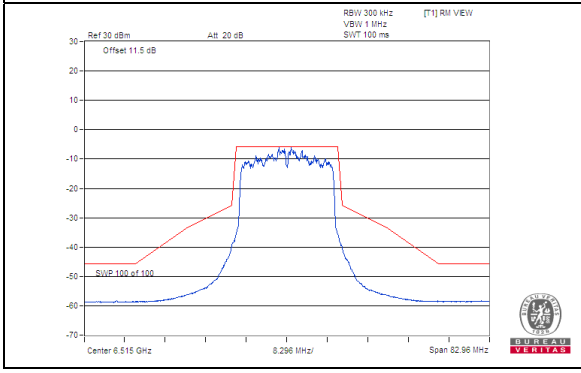
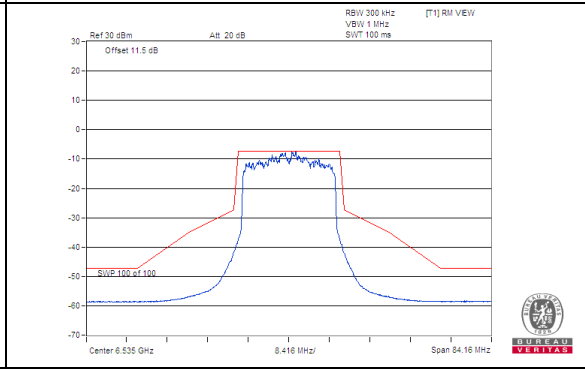
Spectrum Plot	
CH 15	CH 47
	
CH 79	CH 111
	
CH 143	CH 175
	
CH 207	
	

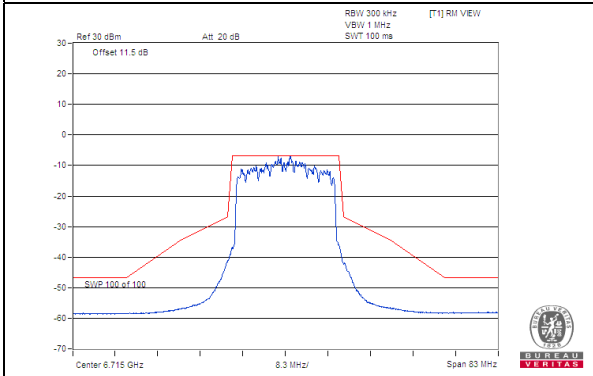
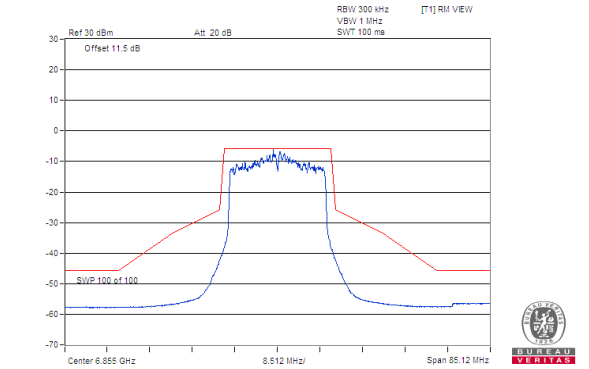
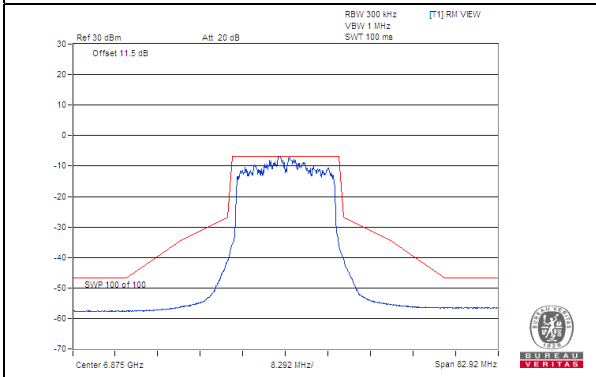
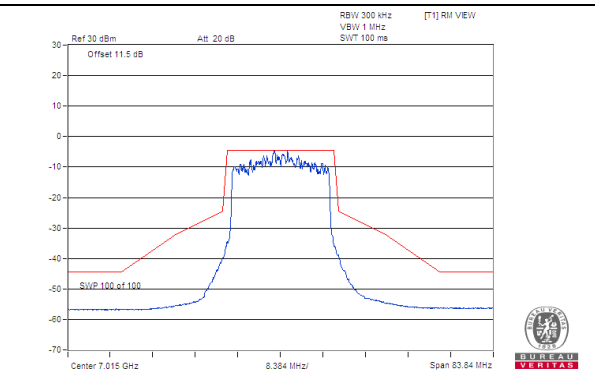
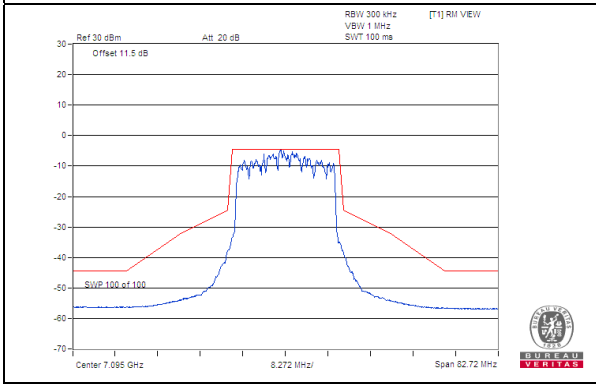
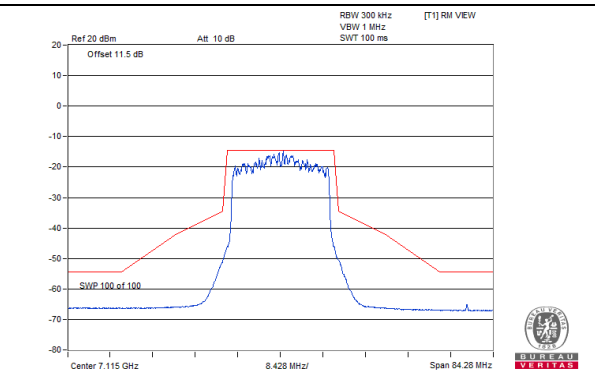
802.11ax (HE160)_Chain 1

Spectrum Plot	
CH 15	CH 47
	
CH 79	CH 111
	
CH 143	CH 175
	
CH 207	
	

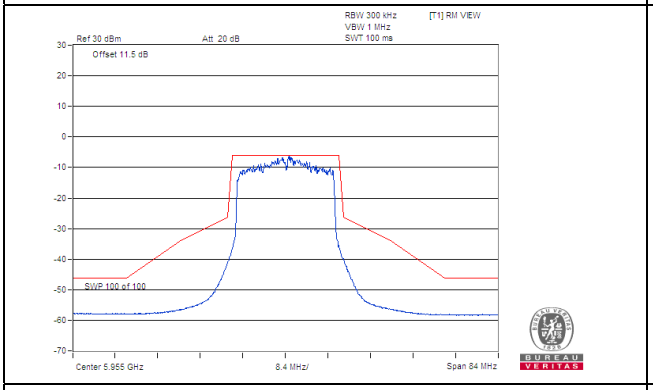
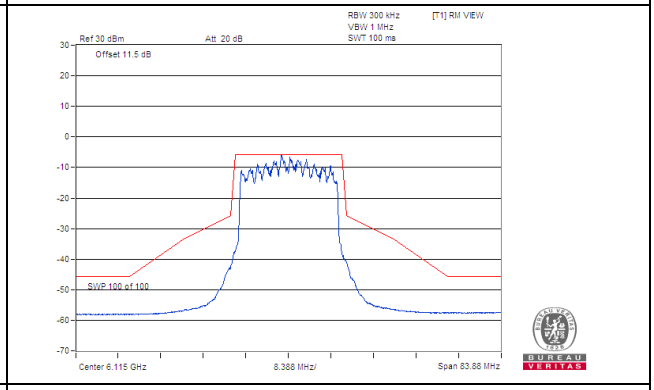
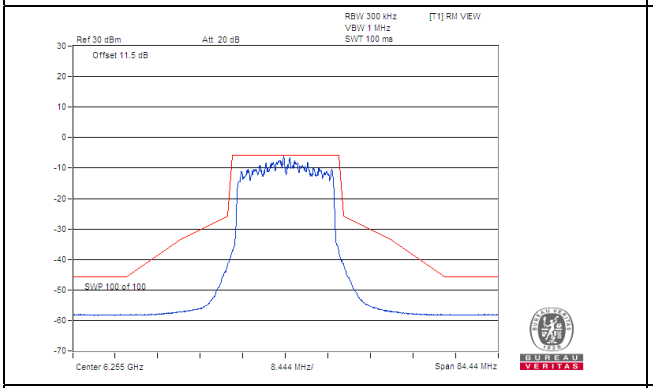
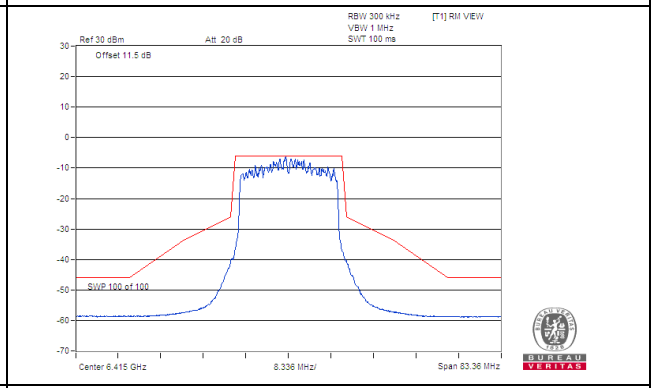
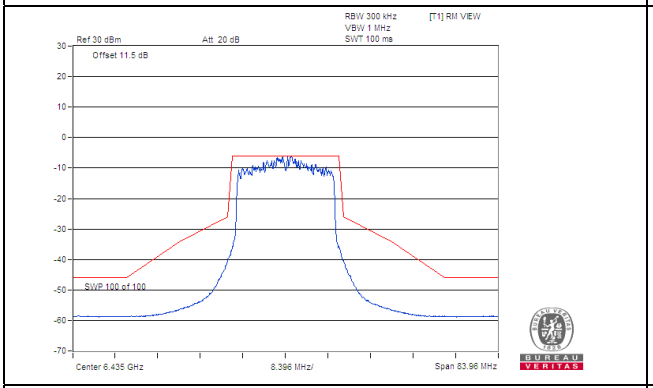
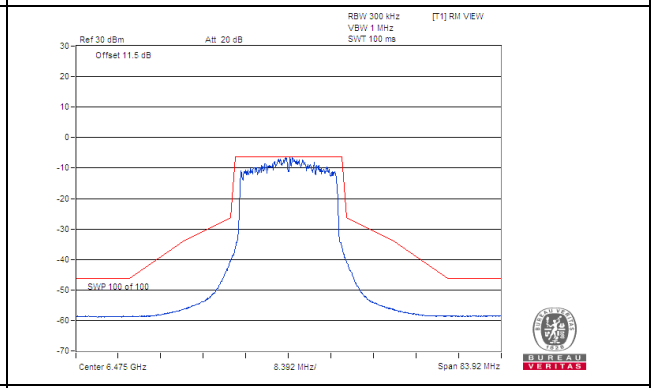
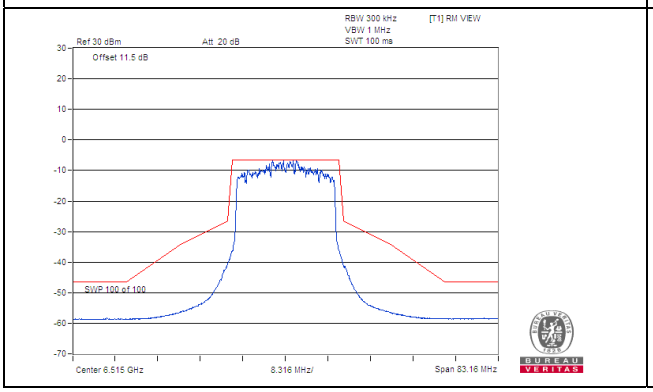
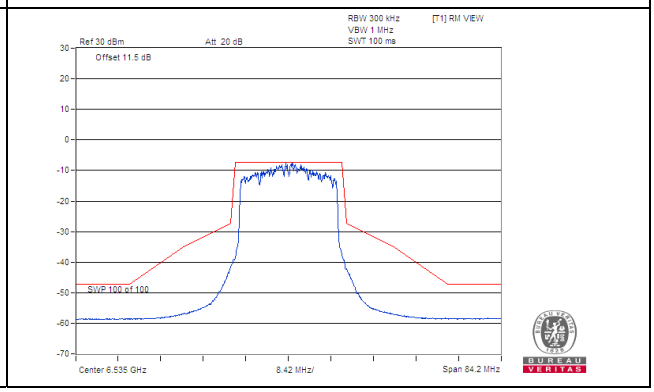
Nss 2

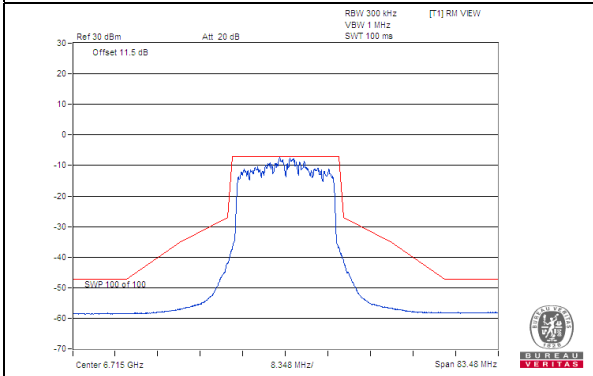
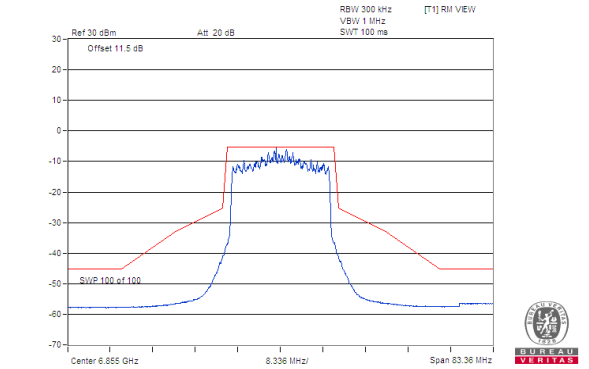
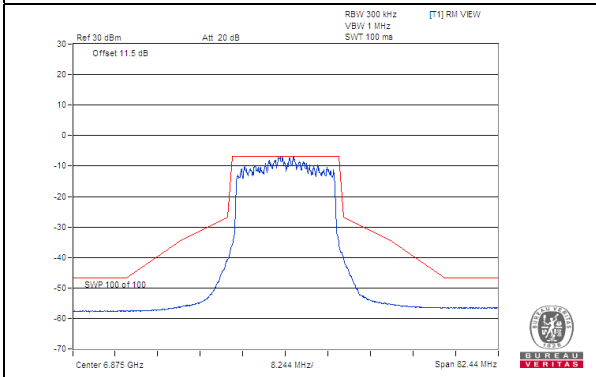
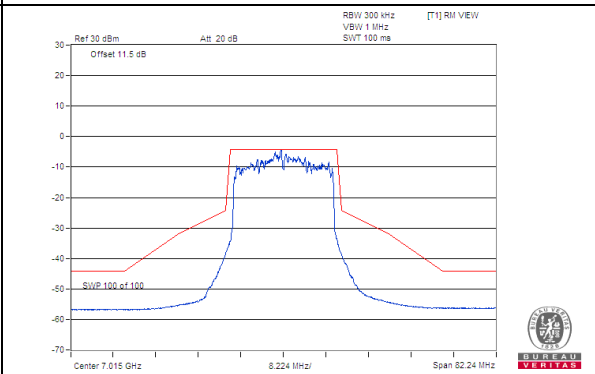
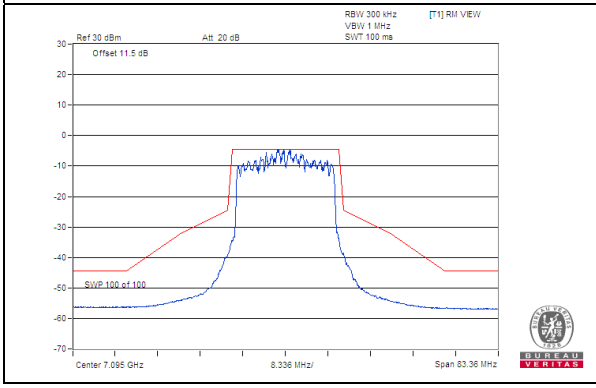
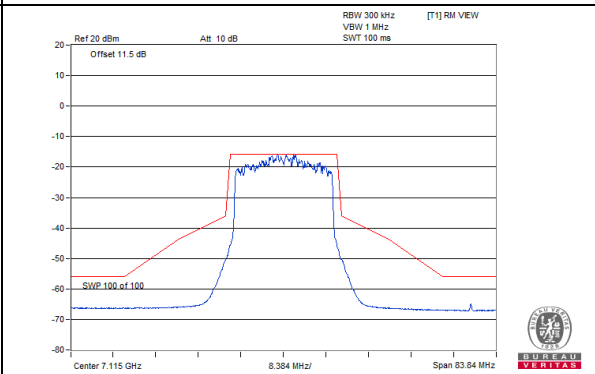
802.11ax (HE20)_Chain 0

Spectrum Plot	
CH 1	CH 33
	
CH 61	CH 93
	
CH 97	CH 105
	
CH 113	CH 117
	

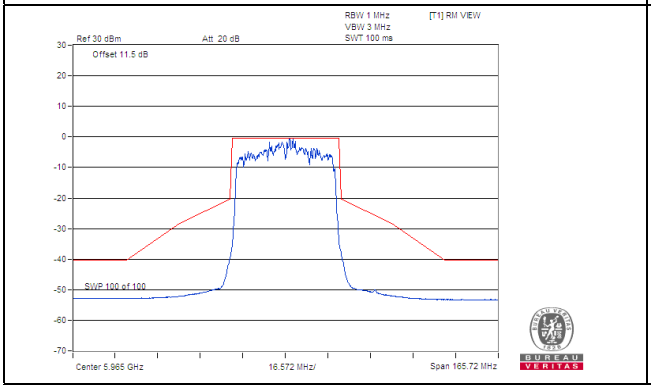
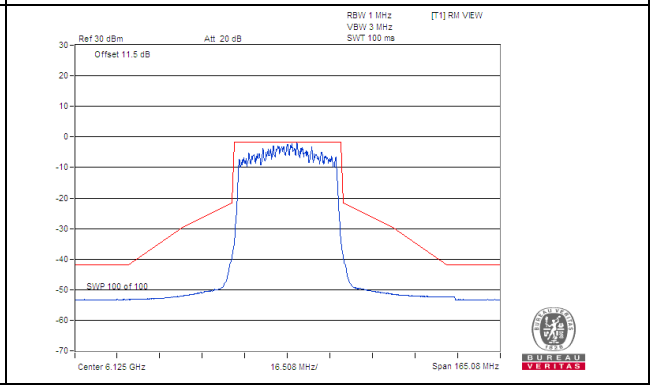
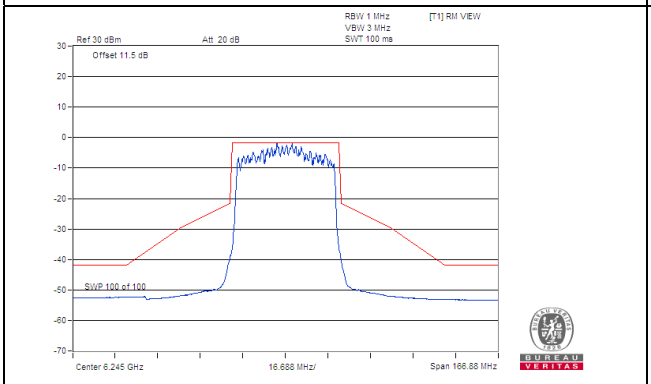
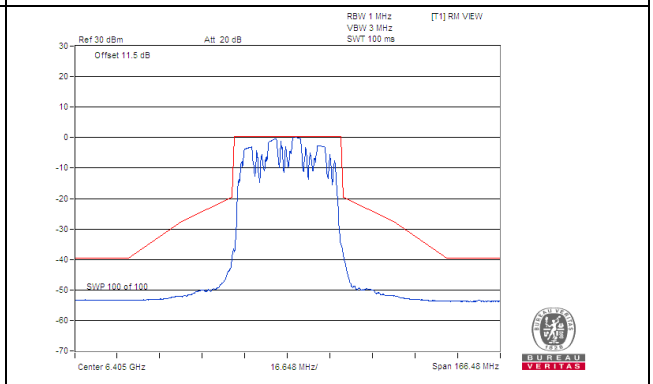
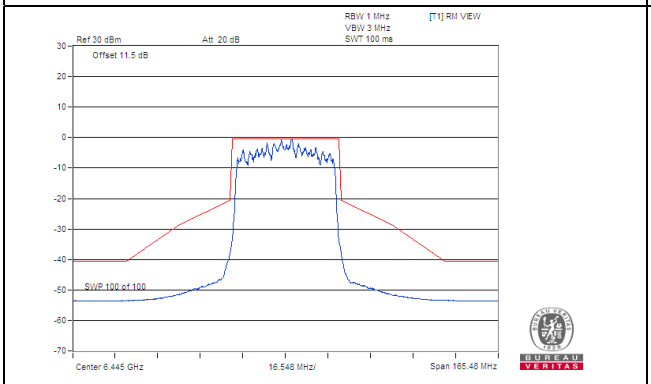
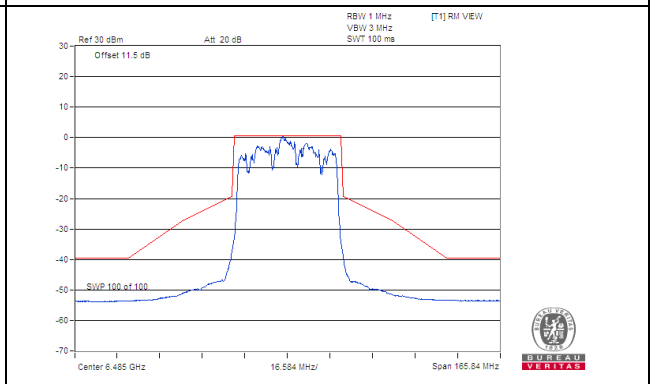
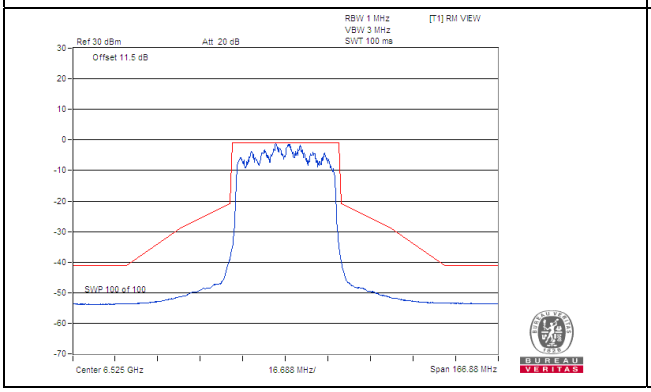
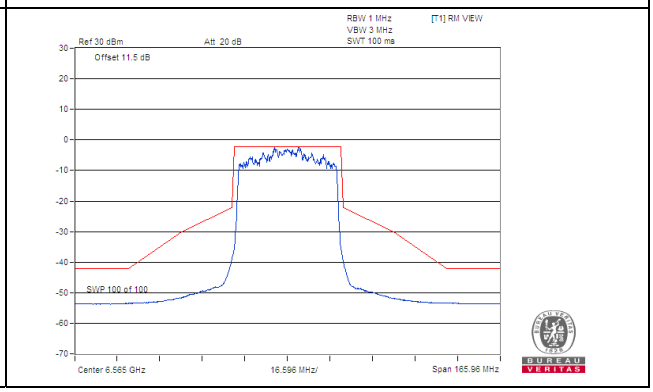
Spectrum Plot	
CH 153	CH 181
	
CH 185	CH 213
	
CH 229	CH 233
	

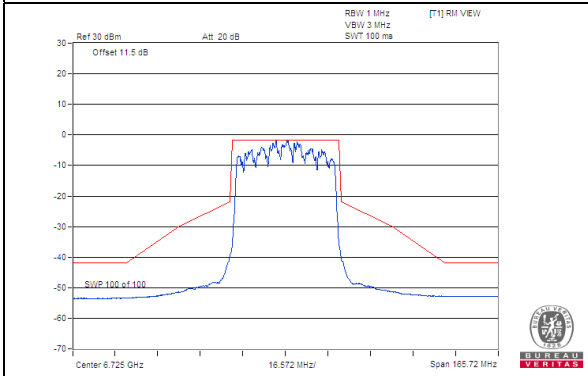
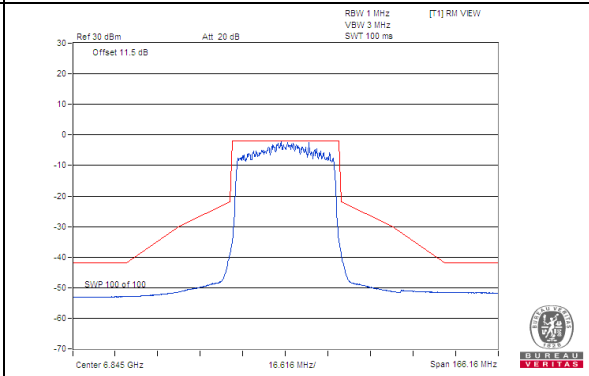
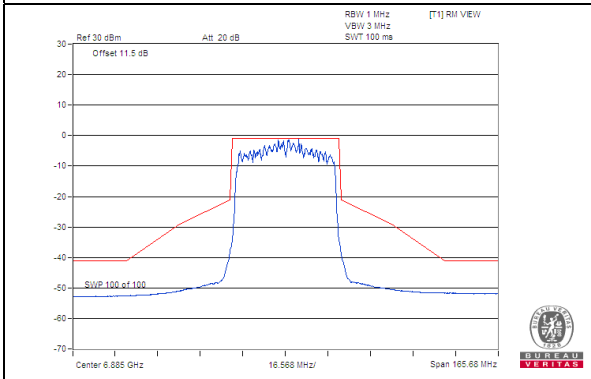
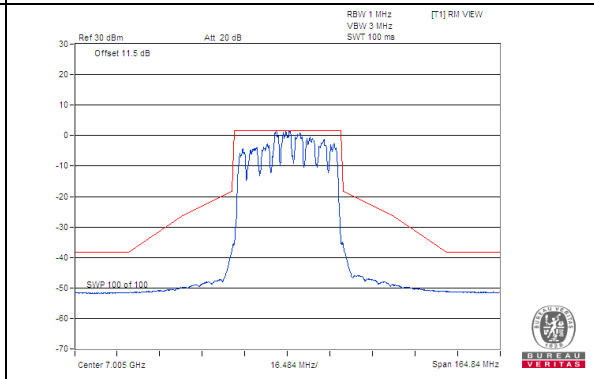
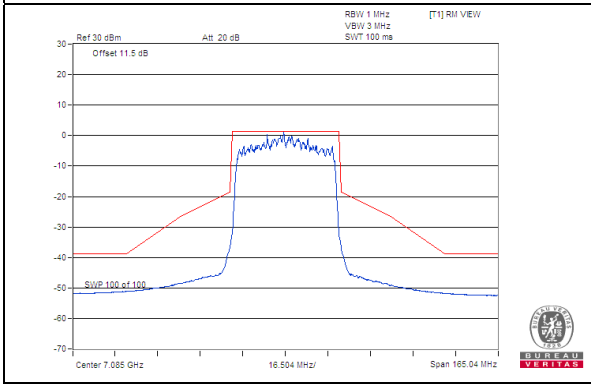
802.11ax (HE20)_Chain 1

Spectrum Plot	
CH 1	CH 33
	
CH 61	CH 93
	
CH 97	CH 105
	
CH 113	CH 117
	

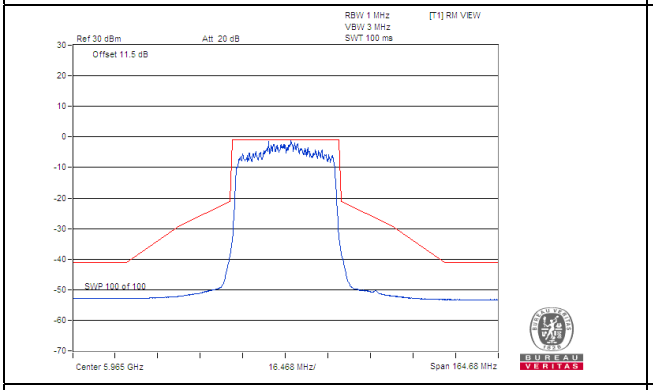
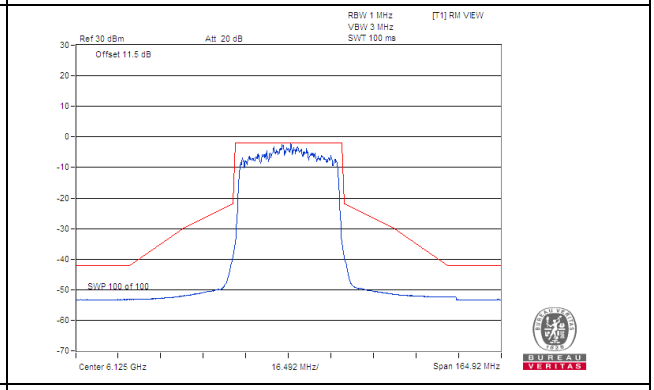
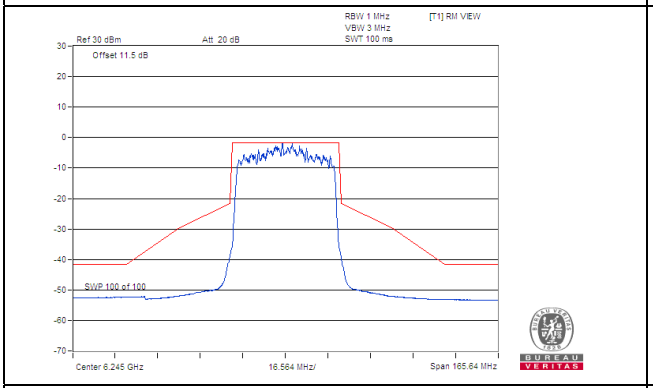
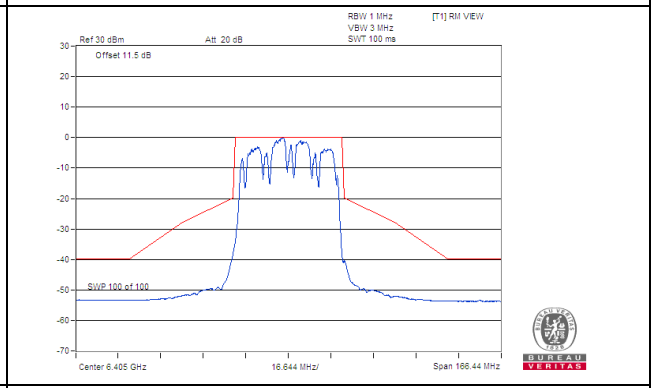
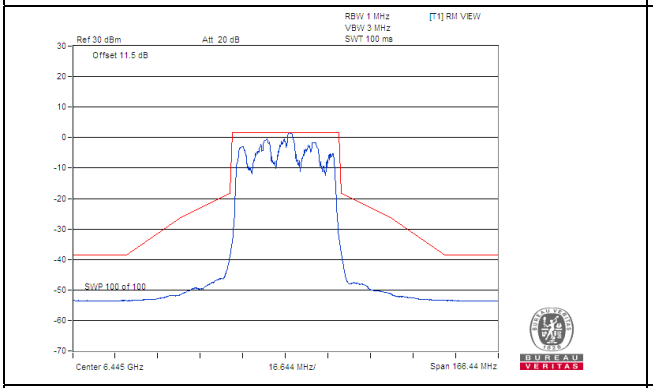
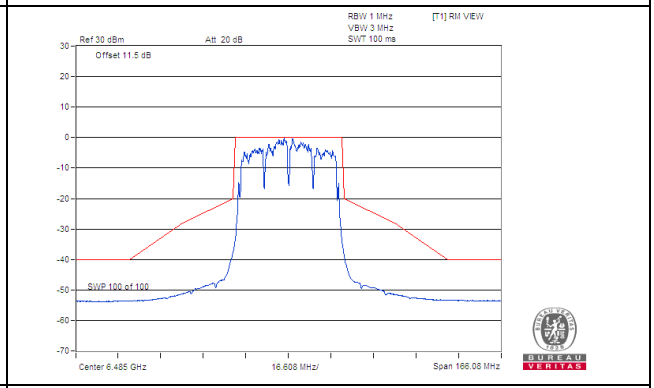
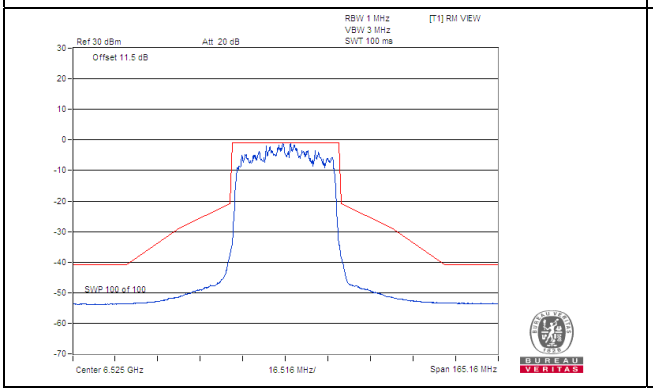
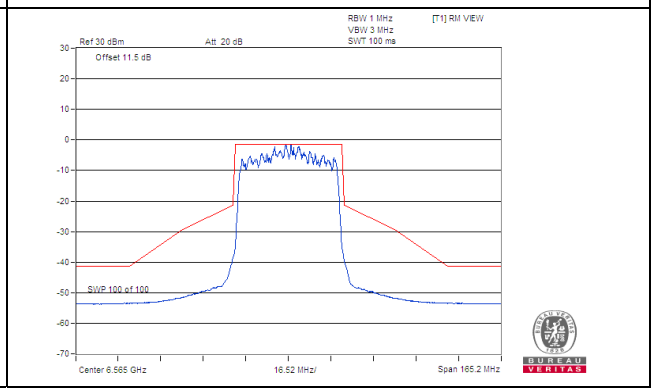
Spectrum Plot	
CH 153	CH 181
	
CH 185	CH 213
	
CH 229	CH 233
	

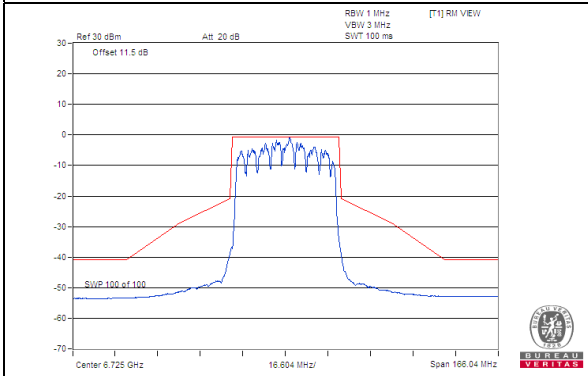
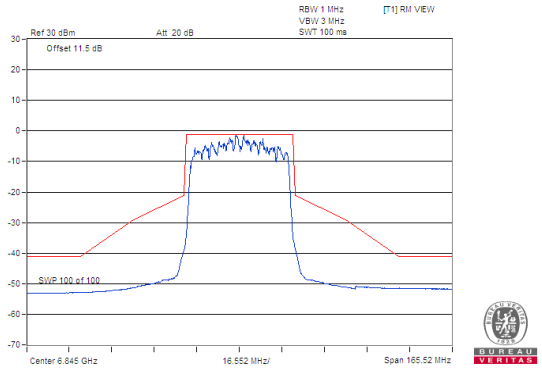
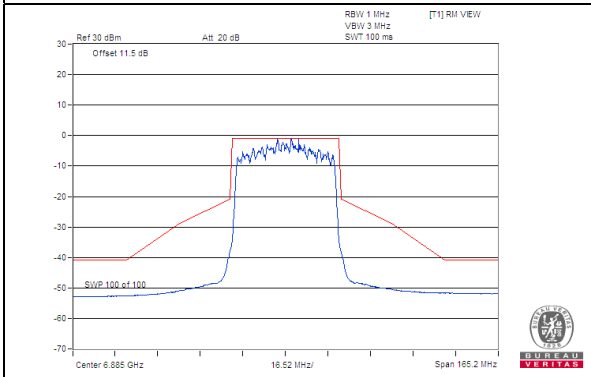
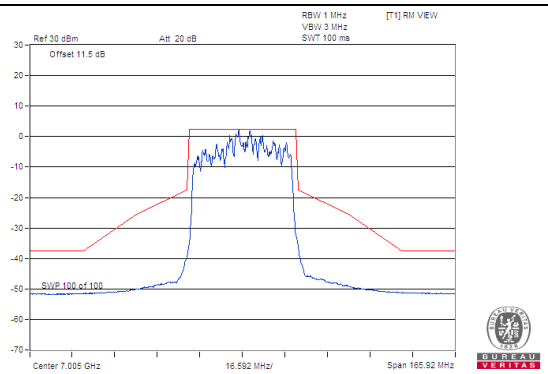
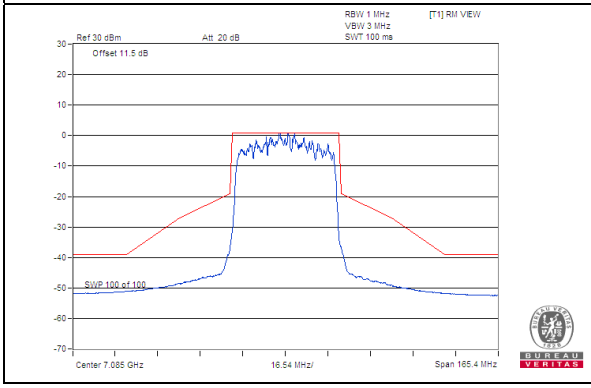
802.11ax (HE40)_Chain 0

Spectrum Plot	
CH 3	CH 35
	
CH 59	CH 91
	
CH 99	CH 107
	
CH 115	CH 123
	

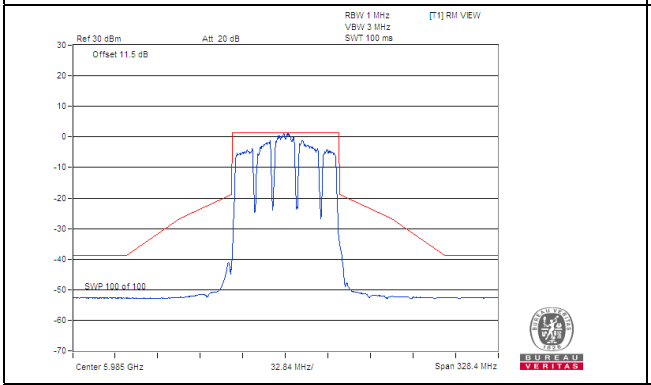
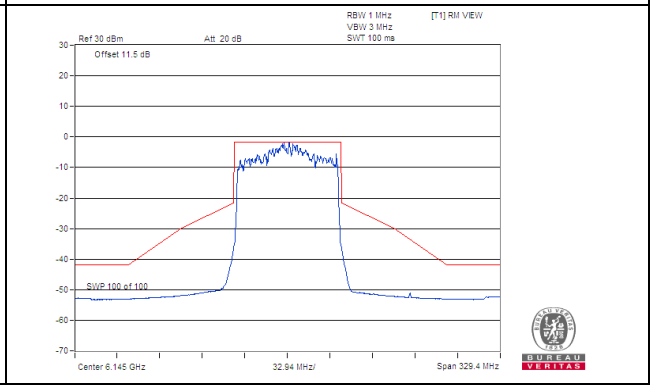
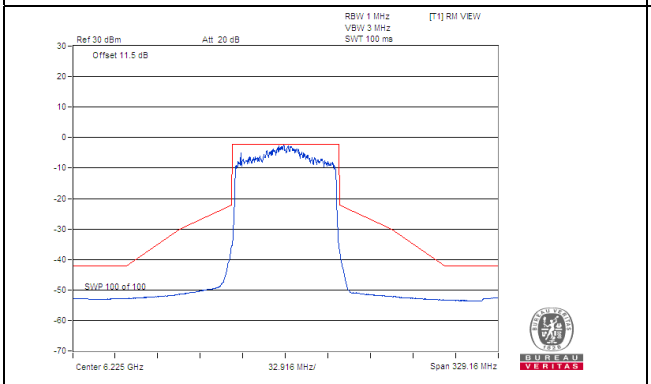
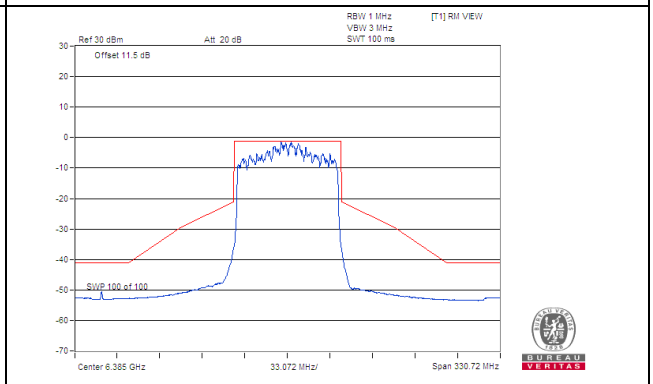
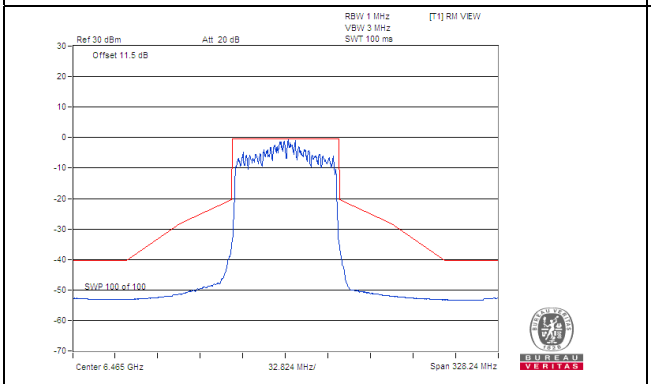
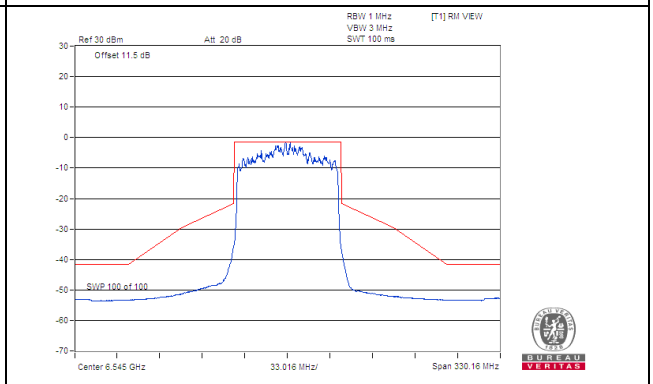
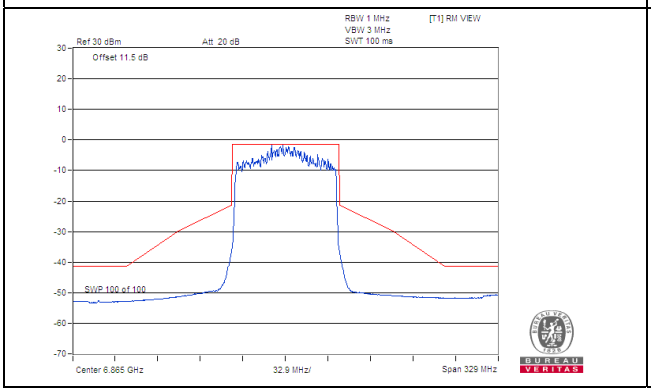
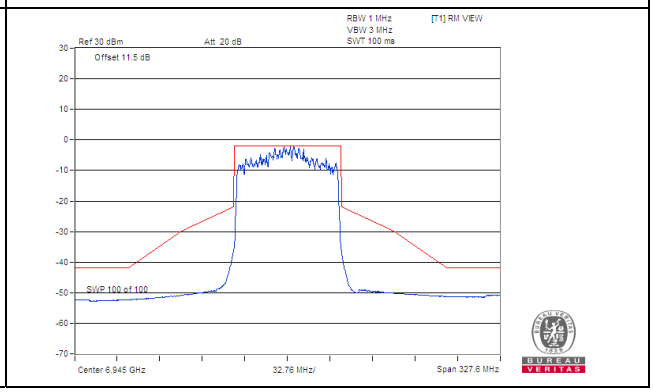
Spectrum Plot	
CH 155	CH 179
	
CH 187	CH 211
	
CH 227	
	

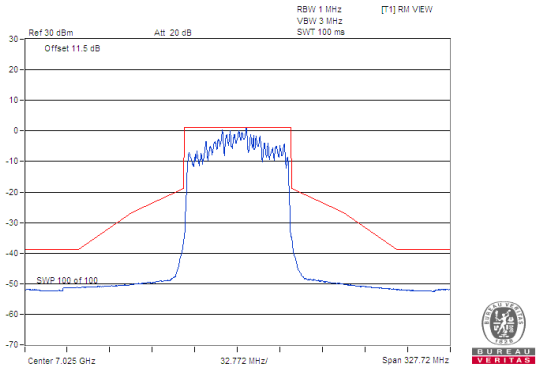
802.11ax (HE40)_Chain 1

Spectrum Plot	
CH 3	CH 35
	
CH 59	CH 91
	
CH 99	CH 107
	
CH 115	CH 123
	

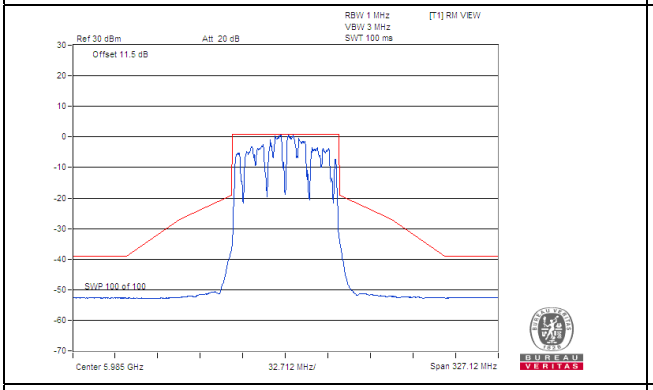
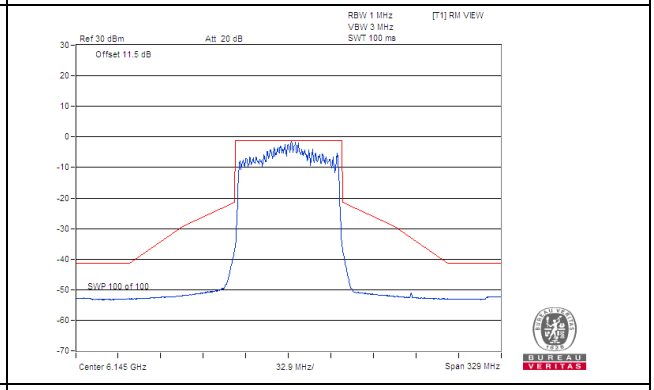
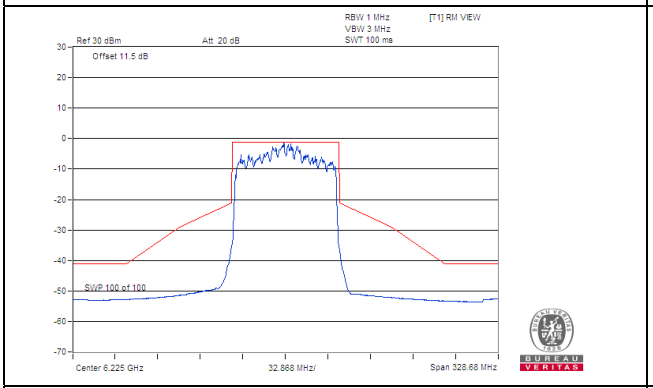
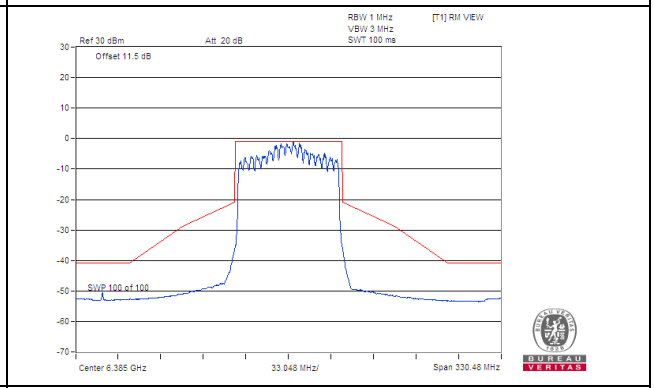
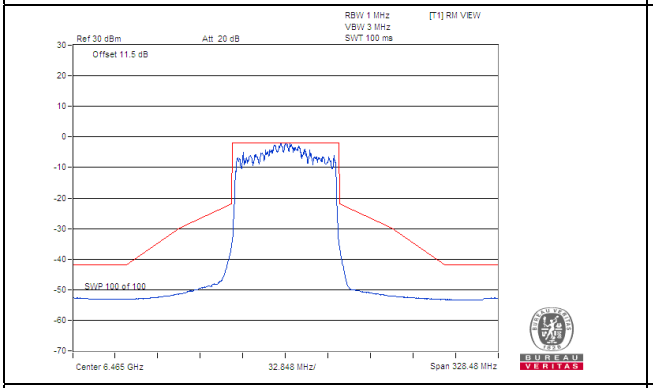
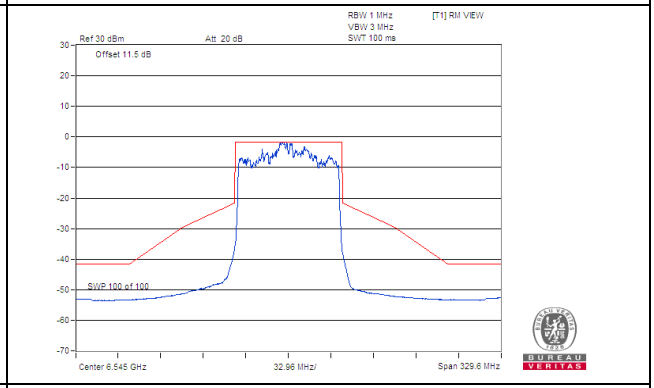
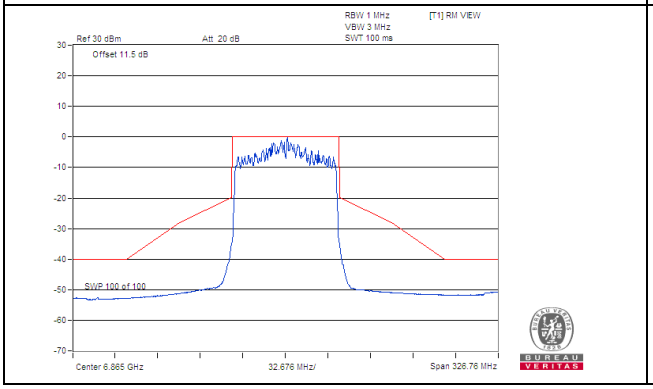
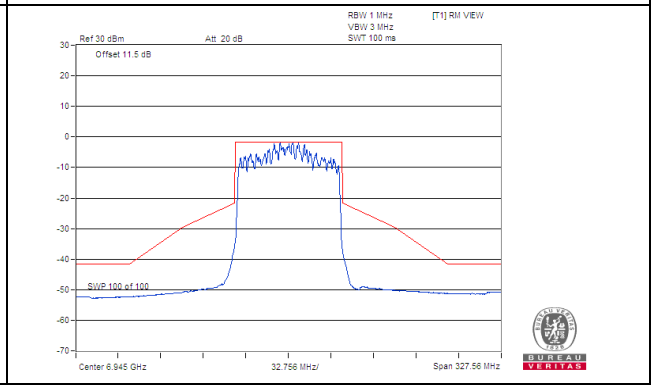
Spectrum Plot	
CH 155	CH 179
	
CH 187	CH 211
	
CH 227	
	

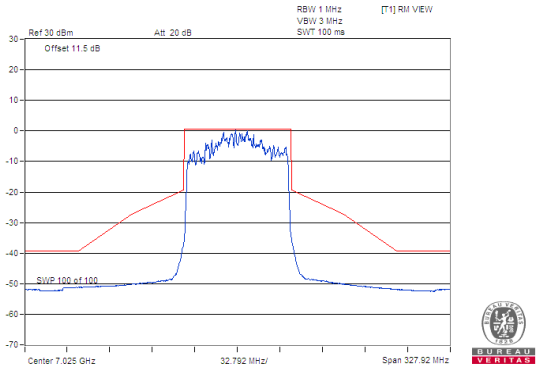
802.11ax (HE80)_Chain 0

Spectrum Plot	
CH 7	CH 39
	
CH 55	CH 87
	
CH 103	CH 119
	
CH 183	CH 199
	

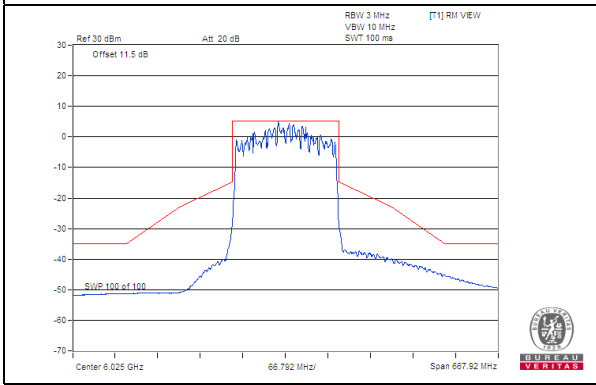
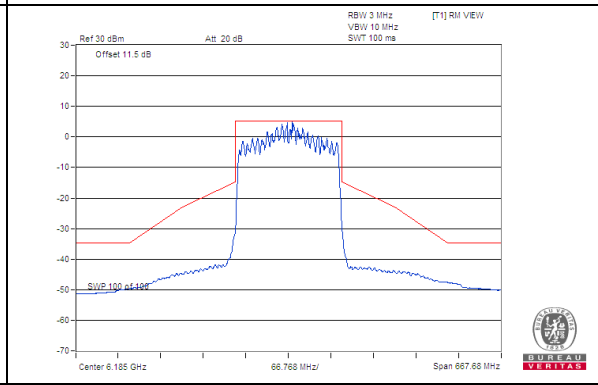
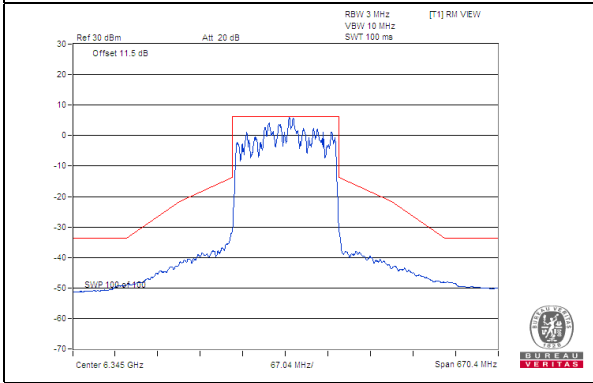
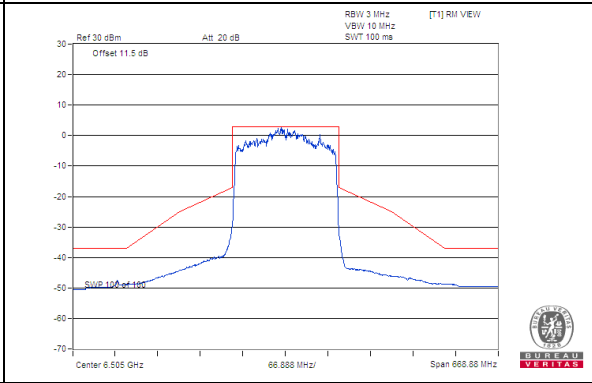
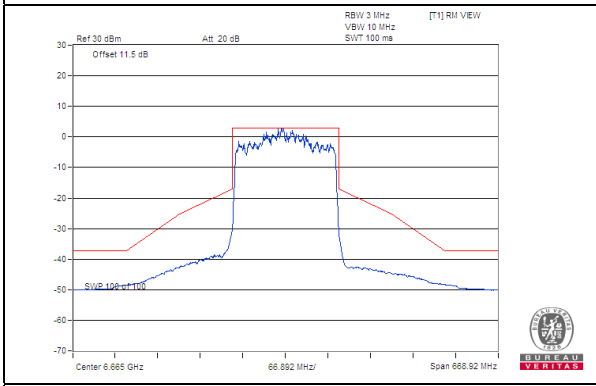
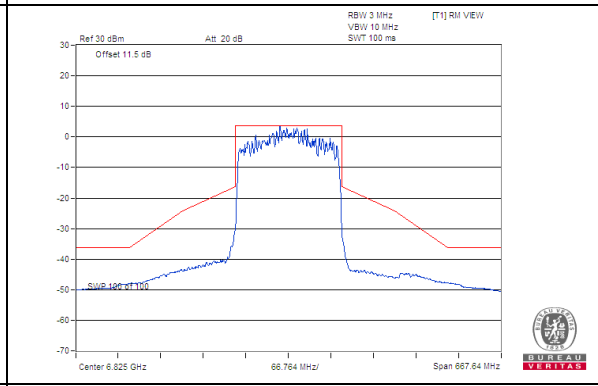
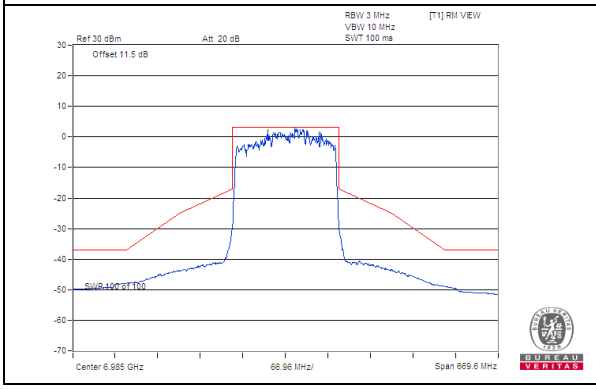
Spectrum Plot	
CH 215	
	

802.11ax (HE80)_Chain 1

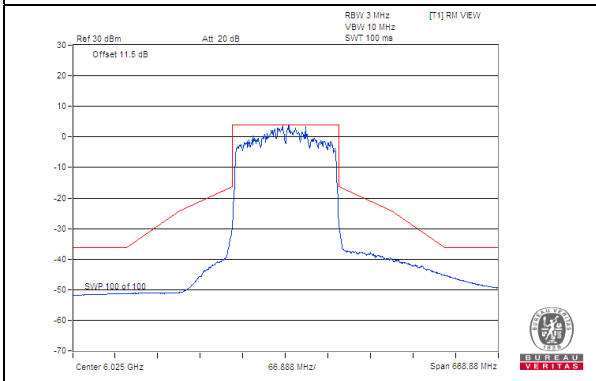
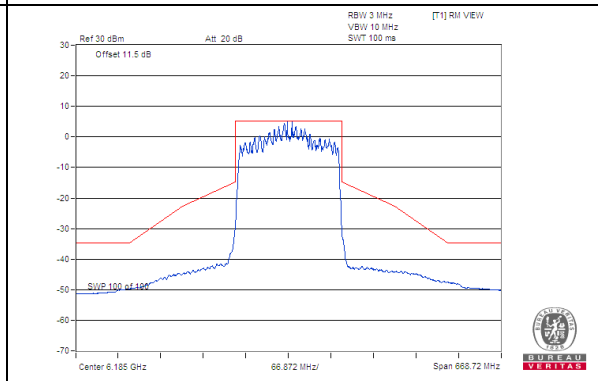
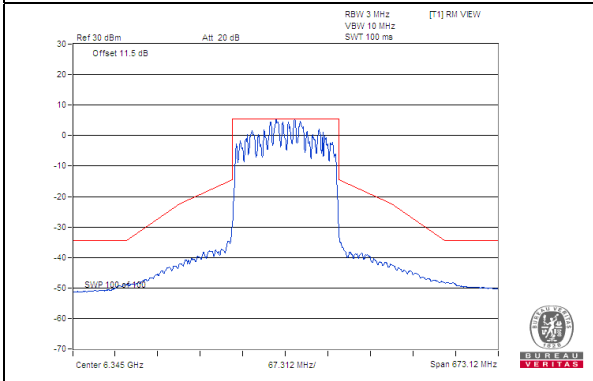
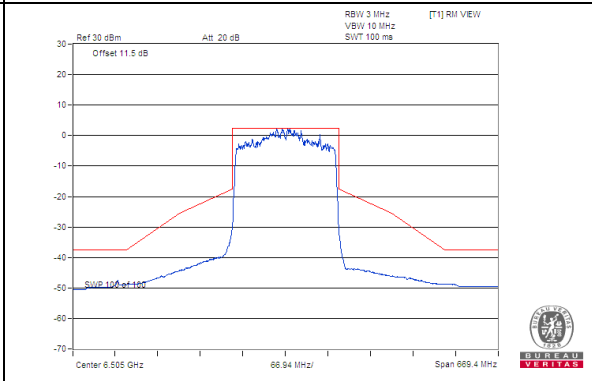
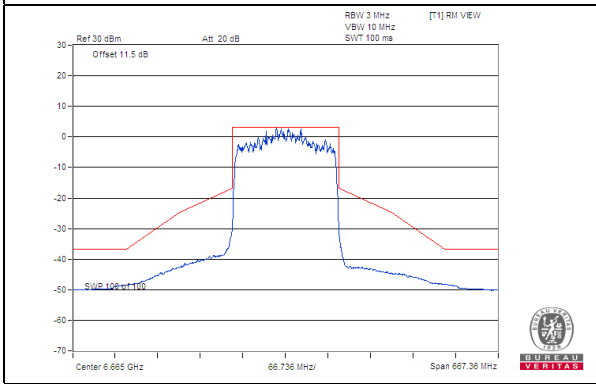
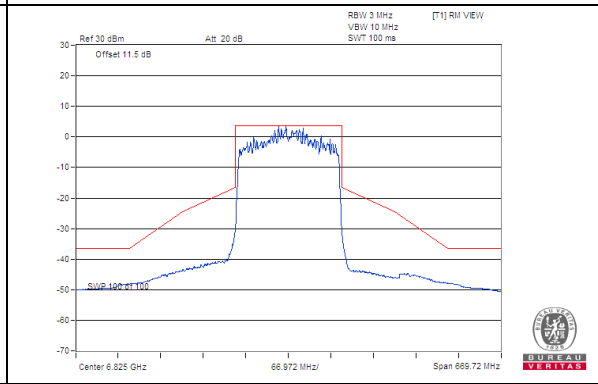
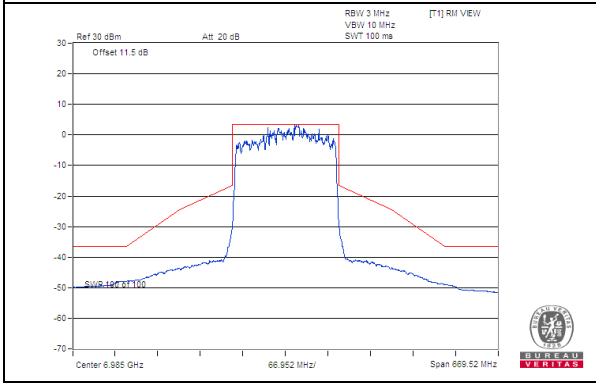
Spectrum Plot	
CH 7	CH 39
	
CH 55	CH 87
	
CH 103	CH 119
	
CH 183	CH 199
	

Spectrum Plot	
CH 215	
	

802.11ax (HE160)_Chain 0

Spectrum Plot	
CH 15	CH 47
	
CH 79	CH 111
	
CH 143	CH 175
	
CH 207	
	

802.11ax (HE160)_Chain 1

Spectrum Plot	
CH 15	CH 47
	
CH 79	CH 111
	
CH 143	CH 175
	
CH 207	
	

4.3 Conducted Emission Measurement

4.3.1 Limits of Conducted Emission Measurement

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

Note: 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 0.50MHz.

4.3.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Test Receiver ROHDE & SCHWARZ	ESR3	102412	Jan. 29, 2021	Jan. 28, 2022
RF signal cable (with 10dB PAD) Woken	5D-FB	Cable-cond2-01	Sep. 04, 2021	Sep. 03, 2022
LISN ROHDE & SCHWARZ (EUT)	ESH2-Z5	100100	Jan. 28, 2021	Jan. 27, 2022
LISN ROHDE & SCHWARZ (Peripheral)	ESH3-Z5	100312	Sep. 17, 2021	Sep. 16, 2022
Software ADT	BV ADT_Cond_ V7.3.7.4	NA	NA	NA

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HwaYa Shielded Room 2 (Conduction 2).
3. The VCCI Site Registration No. is C-12047.

4.3.3 Test Procedures

a. The EUT was 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/ 50uH of coupling impedance for the measuring instrument.

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

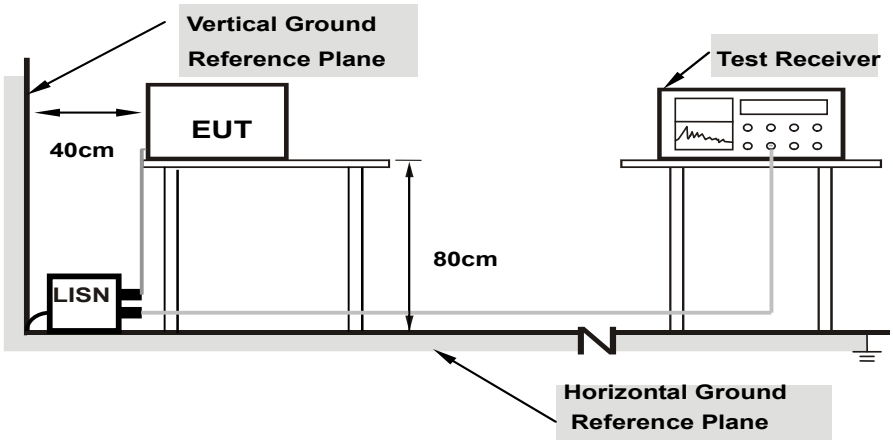
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

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

4.3.4 Deviation from Test Standard

No deviation.

4.3.5 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).

4.3.6 EUT Operating Conditions

Same as 4.1.6.

4.3.7 Test Results

Worst-case data:

Nss 1

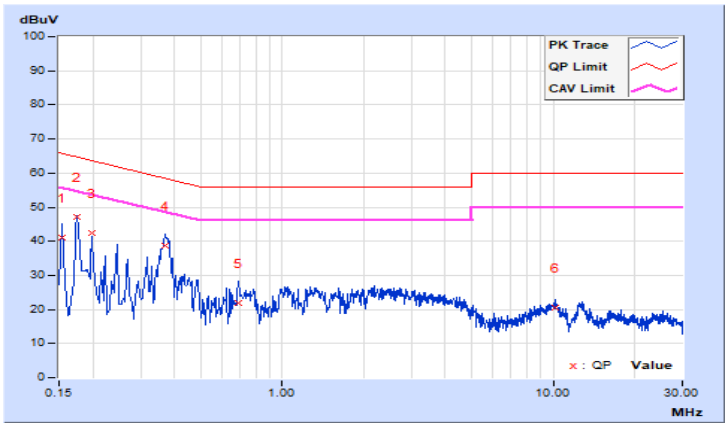
802.11ax (HE160)

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
Test Mode	A		

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15400	10.12	30.81	22.96	40.93	33.08	65.78	55.78	-24.85	-22.70
2	0.17400	10.13	36.87	19.27	47.00	29.40	64.77	54.77	-17.77	-25.37
3	0.19800	10.15	32.26	13.52	42.41	23.67	63.69	53.69	-21.28	-30.02
4	0.37000	10.21	28.56	21.22	38.77	31.43	58.50	48.50	-19.73	-17.07
5	0.69000	10.25	11.74	5.13	21.99	15.38	56.00	46.00	-34.01	-30.62
6	10.19400	10.50	9.91	5.65	20.41	16.15	60.00	50.00	-39.59	-33.85

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.

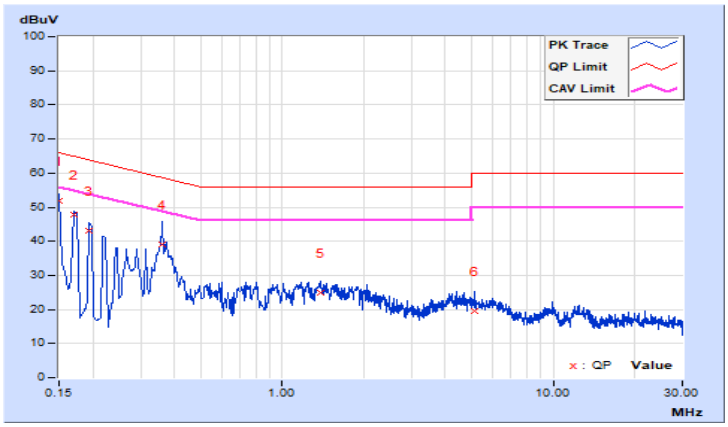


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
Test Mode	A		

No	Freq.	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	**0.15000**	**10.14**	**41.81**	**24.19**	**51.95**	**34.33**	**66.00**	**56.00**	**-14.05**	**-21.67**
2	0.17000	10.15	37.67	21.25	47.82	31.40	64.96	54.96	-17.14	-23.56
3	0.19400	10.17	32.99	16.61	43.16	26.78	63.86	53.86	-20.70	-27.08
4	0.36161	10.23	28.75	21.51	38.98	31.74	58.69	48.69	-19.71	-16.95
5	1.39000	10.31	14.49	7.66	24.80	17.97	56.00	46.00	-31.20	-28.03
6	5.11800	10.44	9.17	3.76	19.61	14.20	60.00	50.00	-40.39	-35.80

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.

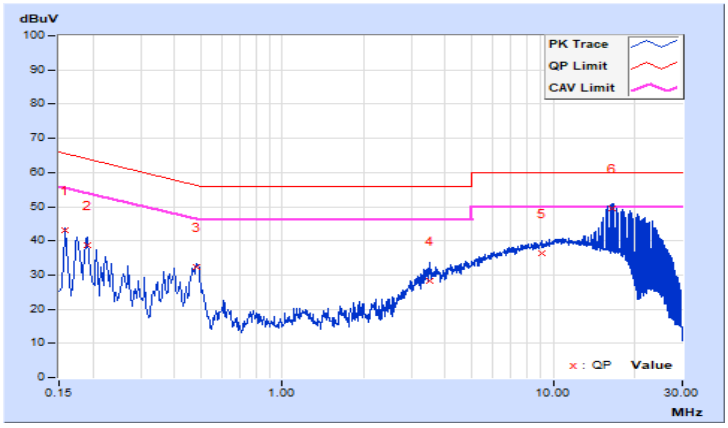


Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
Test Mode	B		

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15800	10.11	33.12	17.42	43.23	27.53	65.57	55.57	-22.34	-28.04
2	0.19000	10.13	28.70	15.23	38.83	25.36	64.04	54.04	-25.21	-28.68
3	0.48190	10.14	22.14	17.08	32.28	27.22	56.31	46.31	-24.03	-19.09
4	3.49800	10.23	18.08	10.26	28.31	20.49	56.00	46.00	-27.69	-25.51
5	9.09000	10.32	26.00	20.60	36.32	30.92	60.00	50.00	-23.68	-19.08
6	16.51800	10.42	39.16	38.13	49.58	48.55	60.00	50.00	-10.42	-1.45

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.

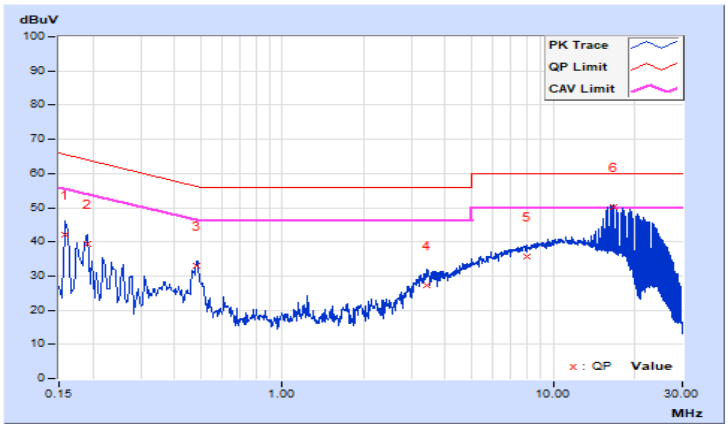


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
Test Mode	B		

No	Freq.	Corr. Factor	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
	[MHz]	(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15800	10.12	31.99	17.23	42.11	27.35	65.57	55.57	-23.46	-28.22
2	0.19000	10.13	29.35	15.22	39.48	25.35	64.04	54.04	-24.56	-28.69
3	0.48572	10.15	22.79	18.33	32.94	28.48	56.24	46.24	-23.30	-17.76
4	3.41800	10.26	17.03	10.75	27.29	21.01	56.00	46.00	-28.71	-24.99
5	8.05000	10.37	25.40	19.97	35.77	30.34	60.00	50.00	-24.23	-19.66
6	**16.81800**	**10.59**	**39.44**	**38.20**	**50.03**	**48.79**	**60.00**	**50.00**	**-9.97**	**-1.21**

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.



4.4 Transmit Power Measurement

4.4.1 Limits of Transmit Power Measurement

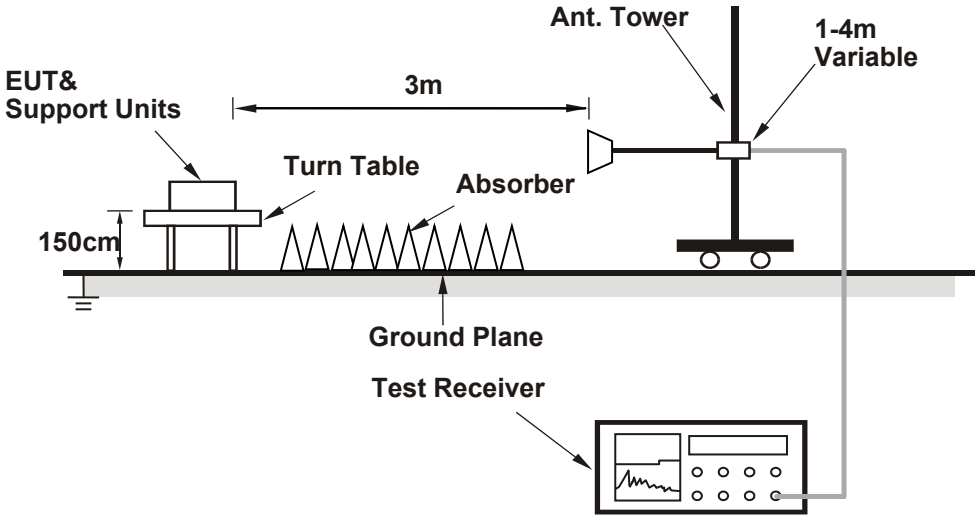
Operation Band	EUT Category	Limit
		Max Average Power
U-NII-5 U-NII-6 U-NII-7 U-NII-8	Low Power - Indoor AP (Master)	EIRP 30 dBm

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = 10 log(N_{ANT}/N_{SS}) dB.

4.4.2 Test Setup



4.4.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.4 Test 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. 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 63.10 and KDB 412172 D01 v01r01, EIRP Value (dBm) = Field Strength Value (dBμV/m) + Correction Factor @ 3m.

f. Correction Factor (dB) @ 3m = 20log(D) − 104.7; where D is the measurement distance @3m = -95.15dB

Note: Spectrum analyzer setting as below:

Method SA-1

1. Set span to encompass the entire 99% occupied bandwidth of the signal.
2. Set RBW =1MHz.
3. Set the VBW ≥ 3 x RBW.
4. Number of points in sweep ≥ 2 Span / RBW.
5. Sweep time = auto.
6. Set trigger to free run (duty cycle ≥ 98 percent) ; Set video trigger (duty cycle < 98 percent)
7. Detector = RMS.
8. Trace average at least 100 traces in power averaging mode
9. Compute power by integrating the spectrum across the 99% occupied bandwidth of the signal.

4.4.5 Deviation from Test Standard

No deviation.

4.4.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.4.7 Test Result

Nss 1

802.11a

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	109.88	95.15	29.717	14.73	30.00	Pass
33	6115	109.93	95.15	30.061	14.78	30.00	Pass
61	6255	110.25	95.15	32.359	15.10	30.00	Pass
93	6415	110.27	95.15	32.509	15.12	30.00	Pass
97	6435	109.15	95.15	25.119	14.00	30.00	Pass
105	6475	109.67	95.15	28.314	14.52	30.00	Pass
113	6515	109.59	95.15	27.797	14.44	30.00	Pass
117	6535	109.69	95.15	28.445	14.54	30.00	Pass
153	6715	108.74	95.15	22.856	13.59	30.00	Pass
181	6855	109.41	95.15	26.669	14.26	30.00	Pass
185	6875	108.42	95.15	21.232	13.27	30.00	Pass
213	7015	109.44	95.15	26.853	14.29	30.00	Pass
229	7095	108.03	95.15	19.409	12.88	30.00	Pass
233	7115	109.43	95.15	26.792	14.28	30.00	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	111.42	95.15	42.364	16.27	30.00	Pass
33	6115	111.49	95.15	43.053	16.34	30.00	Pass
61	6255	111.37	95.15	41.879	16.22	30.00	Pass
93	6415	111.40	95.15	42.170	16.25	30.00	Pass
97	6435	110.50	95.15	34.277	15.35	30.00	Pass
105	6475	110.66	95.15	35.563	15.51	30.00	Pass
113	6515	110.70	95.15	35.892	15.55	30.00	Pass
117	6535	110.51	95.15	34.356	15.36	30.00	Pass
153	6715	110.69	95.15	35.810	15.54	30.00	Pass
181	6855	110.65	95.15	35.481	15.50	30.00	Pass
185	6875	110.96	95.15	38.107	15.81	30.00	Pass
213	7015	111.08	95.15	39.174	15.93	30.00	Pass
229	7095	110.97	95.15	38.194	15.82	30.00	Pass
233	7115	95.08	95.15	0.984	-0.07	30.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	114.09	95.15	78.343	18.94	30.00	Pass
35	6125	114.14	95.15	79.250	18.99	30.00	Pass
59	6245	114.25	95.15	81.283	19.10	30.00	Pass
91	6405	114.51	95.15	86.298	19.36	30.00	Pass
99	6445	113.11	95.15	62.517	17.96	30.00	Pass
107	6485	113.43	95.15	67.298	18.28	30.00	Pass
115	6525	113.31	95.15	65.464	18.16	30.00	Pass
123	6565	113.55	95.15	69.183	18.40	30.00	Pass
155	6725	113.56	95.15	69.343	18.41	30.00	Pass
179	6845	113.36	95.15	66.222	18.21	30.00	Pass
187	6885	113.13	95.15	62.806	17.98	30.00	Pass
211	7005	113.76	95.15	72.611	18.61	30.00	Pass
227	7085	113.56	95.15	69.343	18.41	30.00	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	117.18	95.15	159.588	22.03	30.00	Pass
39	6145	117.21	95.15	160.694	22.06	30.00	Pass
55	6225	117.36	95.15	166.341	22.21	30.00	Pass
87	6385	116.73	95.15	143.880	21.58	30.00	Pass
103	6465	115.90	95.15	118.850	20.75	30.00	Pass
119	6545	115.91	95.15	119.124	20.76	30.00	Pass
135	6625	116.08	95.15	123.880	20.93	30.00	Pass
151	6705	115.84	95.15	117.220	20.69	30.00	Pass
167	6785	116.14	95.15	125.603	20.99	30.00	Pass
183	6865	115.70	95.15	113.501	20.55	30.00	Pass
199	6945	116.56	95.15	138.357	21.41	30.00	Pass
215	7025	116.29	95.15	130.017	21.14	30.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	121.04	95.15	388.150	25.89	30.00	Pass
47	6185	121.08	95.15	**391.742**	25.93	30.00	Pass
79	6345	120.85	95.15	371.535	25.70	30.00	Pass
111	6505	119.65	95.15	**281.838**	24.50	30.00	Pass
143	6665	119.66	95.15	**282.488**	24.51	30.00	Pass
175	6825	119.60	95.15	278.612	24.45	30.00	Pass
207	6985	120.02	95.15	**306.902**	24.87	30.00	Pass

Nss 2

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
1	5955	110.84	95.15	37.068	15.69	30.00	Pass
33	6115	110.85	95.15	37.154	15.70	30.00	Pass
61	6255	110.92	95.15	37.757	15.77	30.00	Pass
93	6415	111.05	95.15	38.905	15.90	30.00	Pass
97	6435	110.26	95.15	32.434	15.11	30.00	Pass
105	6475	110.33	95.15	32.961	15.18	30.00	Pass
113	6515	110.54	95.15	34.594	15.39	30.00	Pass
117	6535	110.12	95.15	31.405	14.97	30.00	Pass
153	6715	110.30	95.15	32.734	15.15	30.00	Pass
181	6855	110.28	95.15	32.584	15.13	30.00	Pass
185	6875	110.24	95.15	32.285	15.09	30.00	Pass
213	7015	110.42	95.15	33.651	15.27	30.00	Pass
229	7095	110.24	95.15	32.285	15.09	30.00	Pass
233	7115	92.93	95.15	0.600	-2.22	30.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
3	5965	113.02	95.15	61.235	17.87	30.00	Pass
35	6125	113.02	95.15	61.235	17.87	30.00	Pass
59	6245	113.20	95.15	63.826	18.05	30.00	Pass
91	6405	113.30	95.15	65.313	18.15	30.00	Pass
99	6445	112.96	95.15	60.395	17.81	30.00	Pass
107	6485	113.02	95.15	61.235	17.87	30.00	Pass
115	6525	112.94	95.15	60.117	17.79	30.00	Pass
123	6565	112.61	95.15	55.719	17.46	30.00	Pass
155	6725	112.70	95.15	56.885	17.55	30.00	Pass
179	6845	112.59	95.15	55.463	17.44	30.00	Pass
187	6885	112.29	95.15	51.761	17.14	30.00	Pass
211	7005	112.47	95.15	53.951	17.32	30.00	Pass
227	7085	112.30	95.15	51.880	17.15	30.00	Pass

802.11ax (HE80)

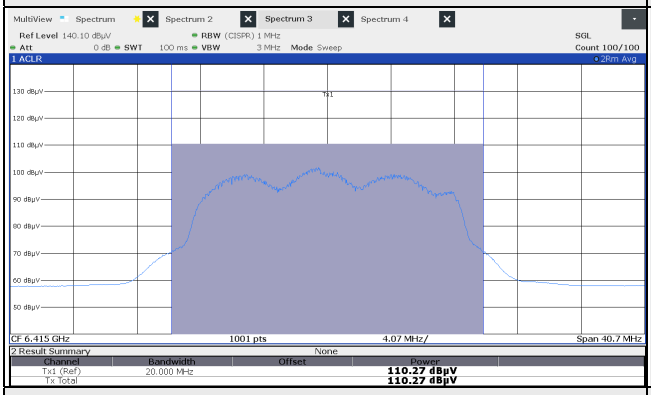
Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
7	5985	116.37	95.15	132.434	21.22	30.00	Pass
39	6145	116.39	95.15	133.045	21.24	30.00	Pass
55	6225	116.29	95.15	130.017	21.14	30.00	Pass
87	6385	116.49	95.15	136.144	21.34	30.00	Pass
103	6465	115.73	95.15	114.288	20.58	30.00	Pass
119	6545	115.79	95.15	115.878	20.64	30.00	Pass
135	6625	115.52	95.15	108.893	20.37	30.00	Pass
151	6705	115.46	95.15	107.399	20.31	30.00	Pass
167	6785	115.56	95.15	109.901	20.41	30.00	Pass
183	6865	115.53	95.15	109.144	20.38	30.00	Pass
199	6945	115.46	95.15	107.399	20.31	30.00	Pass
215	7025	115.76	95.15	115.080	20.61	30.00	Pass

802.11ax (HE160)

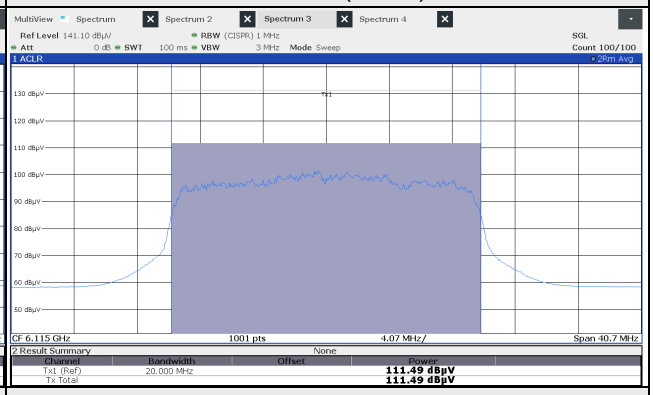
Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)	Pass / Fail
15	6025	119.61	95.15	279.254	24.46	30.00	Pass
47	6185	119.63	95.15	**280.543**	24.48	30.00	Pass
79	6345	119.49	95.15	271.644	24.34	30.00	Pass
111	6505	118.75	95.15	**229.087**	23.60	30.00	Pass
143	6665	118.92	95.15	**238.232**	23.77	30.00	Pass
175	6825	118.92	95.15	**238.232**	23.77	30.00	Pass
207	6985	118.58	95.15	**220.293**	23.43	30.00	Pass

Spectrum Plot of Worst Value

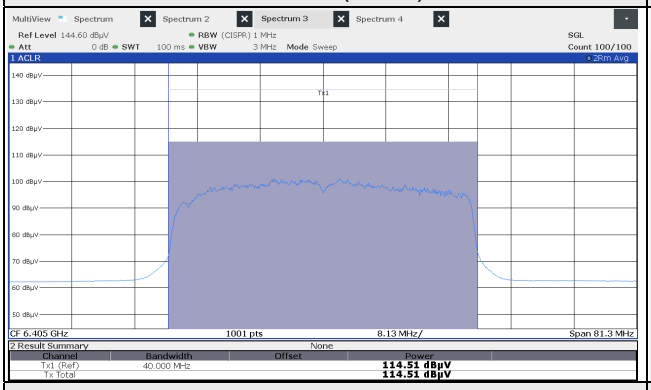
802.11a



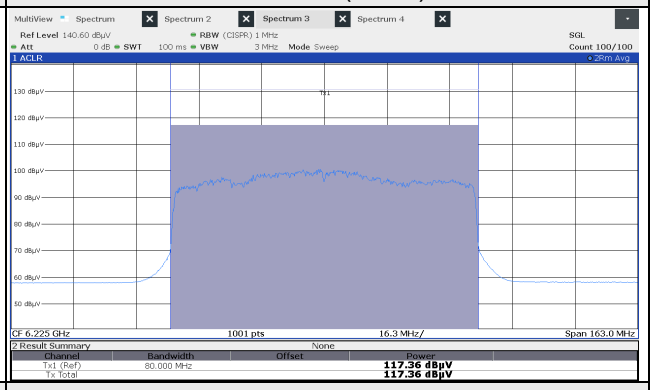
802.11ax (HE20)



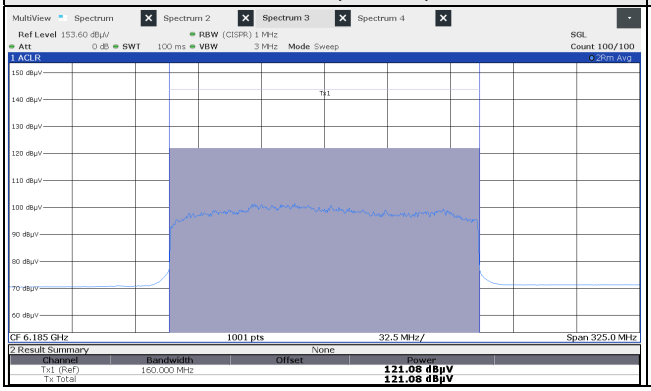
802.11ax (HE40)



802.11ax (HE80)

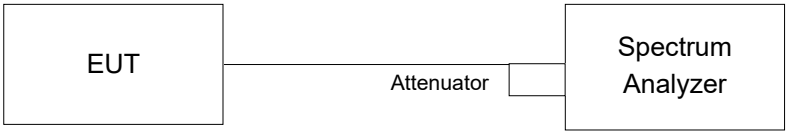


802.11ax (HE160)



4.5 Emission Bandwidth Measurement

4.5.1 Test Setup



4.5.2 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.3 Test Procedure

For 99% Occupied Bandwidth

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.

For 26dB Bandwidth

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%.

4.5.4 Test Result

99% Occupied Bandwidth

Nss 1

802.11a

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
1	5955	16.26	16.26	320
33	6115	16.34	16.34	320
61	6255	16.32	16.32	320
93	6415	16.32	16.32	320
97	6435	16.34	16.34	320
105	6475	16.32	16.32	320
113	6515	16.32	16.32	320
117	6535	16.34	16.34	320
153	6715	16.32	16.32	320
181	6855	16.32	16.32	320
185	6875	16.26	16.34	320
213	7015	16.32	16.32	320
229	7095	16.26	16.26	320
233	7115	16.32	16.32	320

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
1	5955	18.78	18.87	320
33	6115	18.78	18.78	320
61	6255	18.84	18.84	320
93	6415	18.84	18.72	320
97	6435	18.78	18.78	320
105	6475	18.84	18.84	320
113	6515	18.84	18.84	320
117	6535	18.78	18.87	320
153	6715	18.84	18.84	320
181	6855	18.84	18.84	320
185	6875	18.78	18.78	320
213	7015	18.84	18.84	320
229	7095	18.87	18.78	320
233	7115	18.84	18.84	320

802.11ax (HE40)

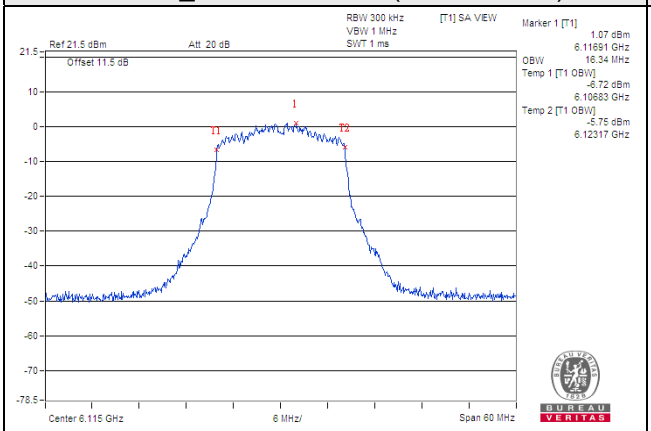
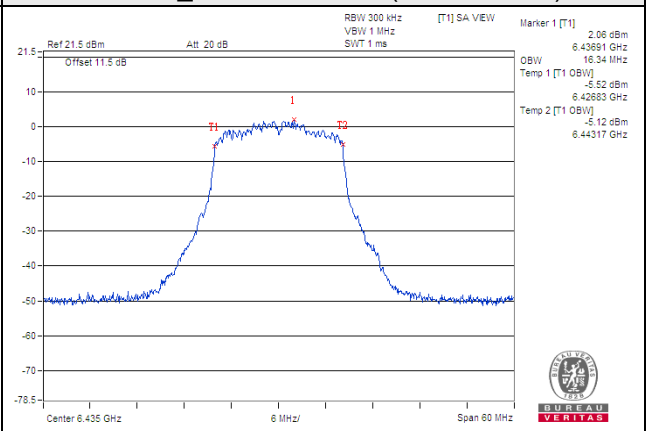
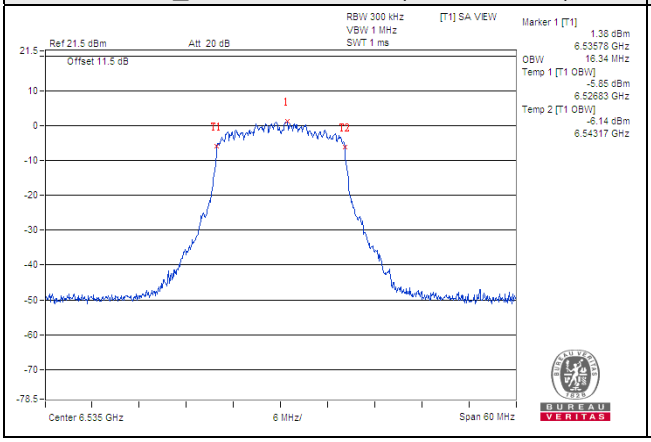
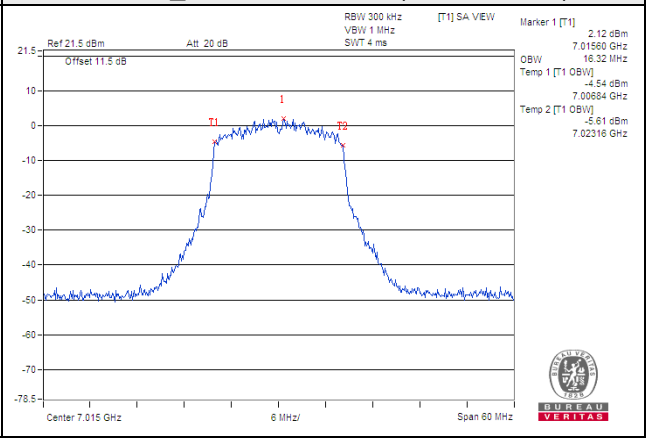
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
3	5965	38.09	38.26	320
35	6125	38.26	38.09	320
59	6245	37.68	37.44	320
91	6405	37.44	37.44	320
99	6445	38.26	37.92	320
107	6485	37.68	37.44	320
115	6525	37.68	37.44	320
123	6565	38.09	37.92	320
155	6725	37.68	37.68	320
179	6845	37.68	37.68	320
187	6885	38.26	38.26	320
211	7005	37.44	37.44	320
227	7085	37.68	37.68	320

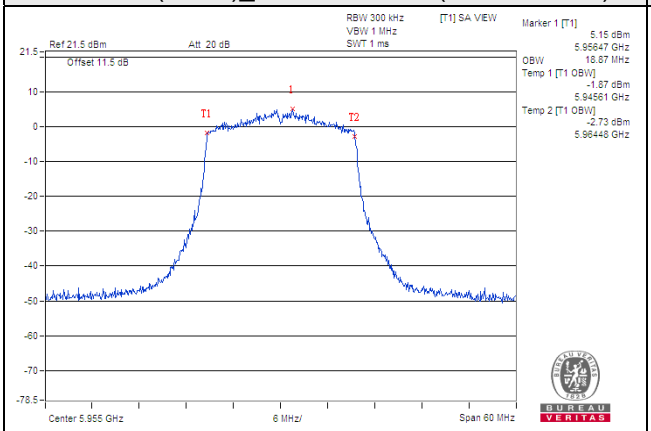
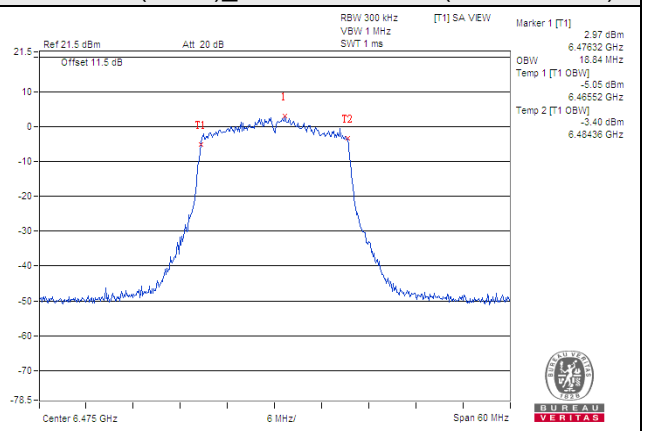
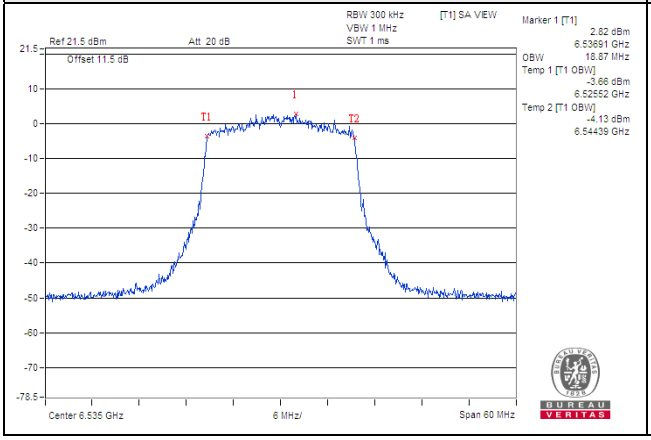
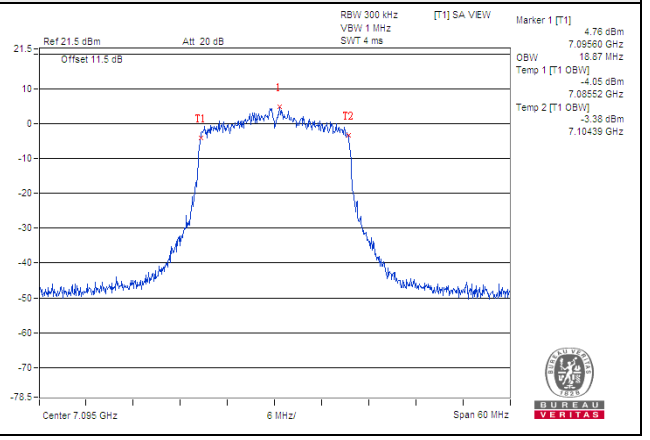
802.11ax (HE80)

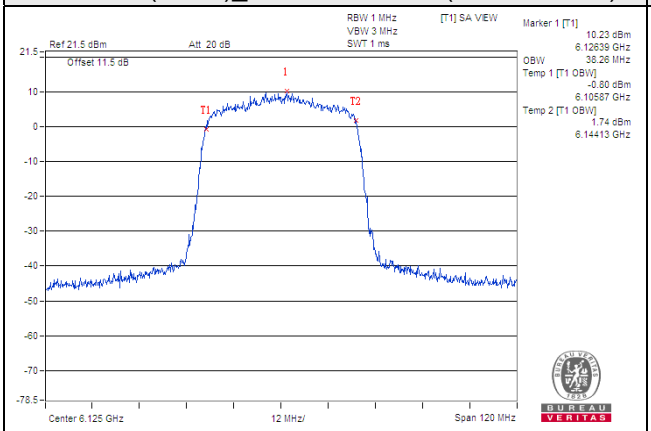
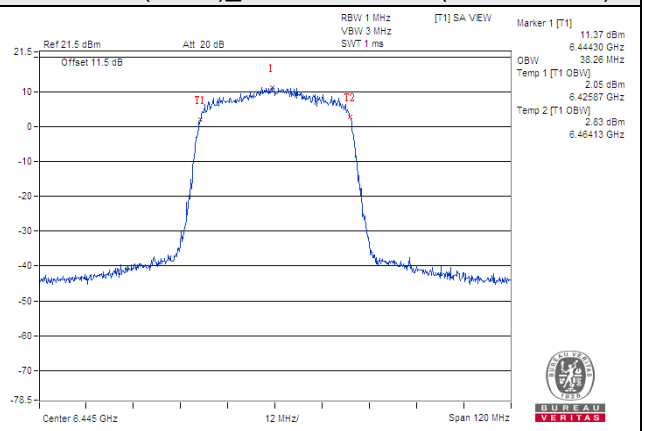
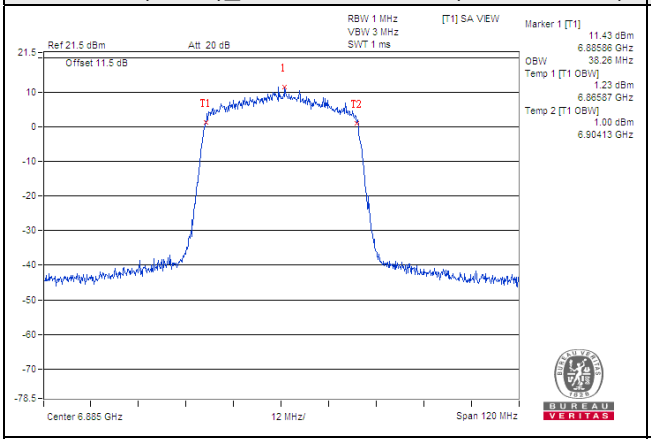
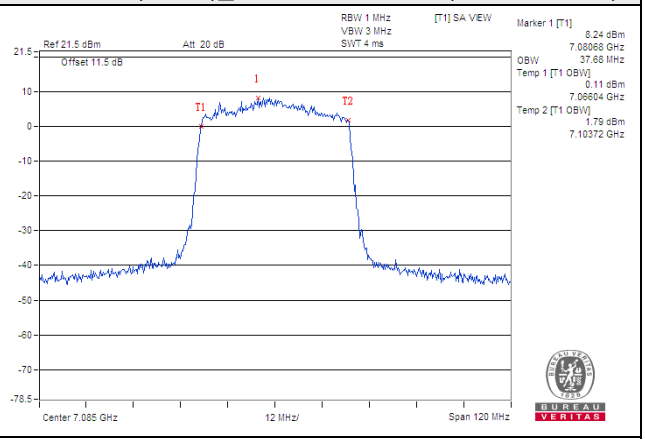
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
7	5985	77.22	77.22	320
39	6145	77.22	77.92	320
55	6225	76.32	76.32	320
87	6385	76.80	76.80	320
103	6465	77.22	76.52	320
119	6545	76.80	76.80	320
135	6625	77.57	76.52	320
151	6705	77.22	77.57	320
167	6785	77.22	77.57	320
183	6865	76.52	76.52	320
199	6945	77.56	77.22	320
215	7025	76.32	76.32	320

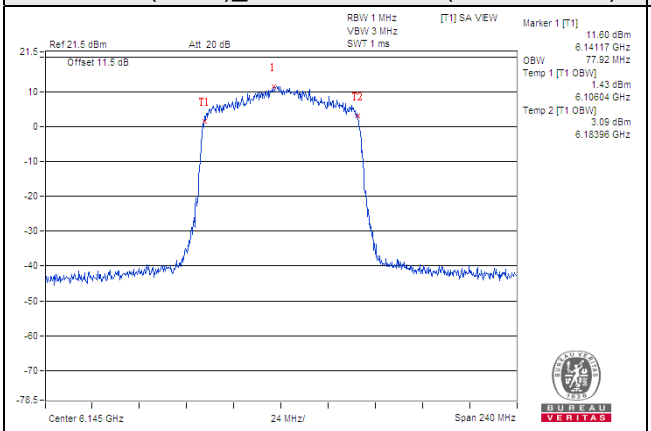
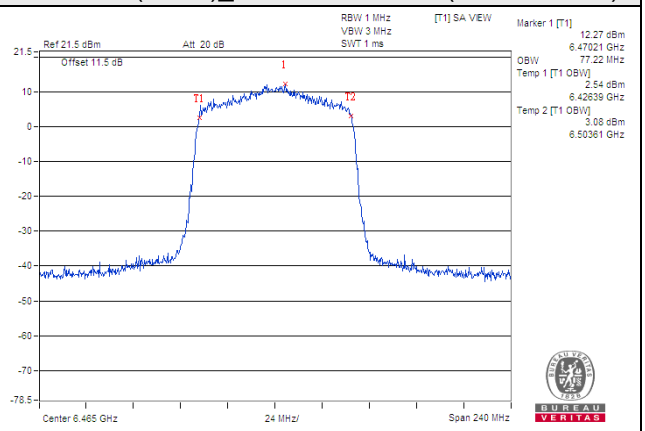
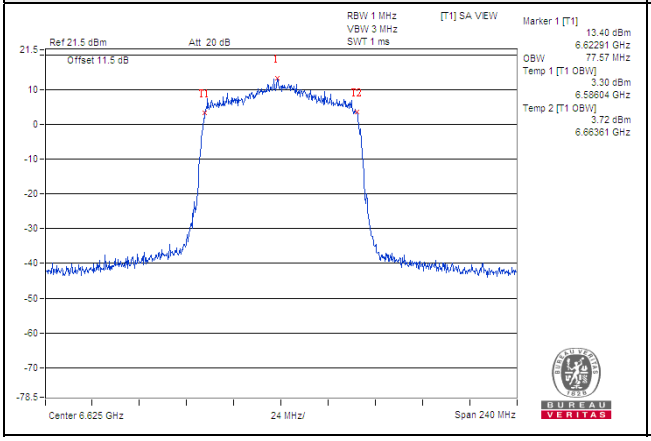
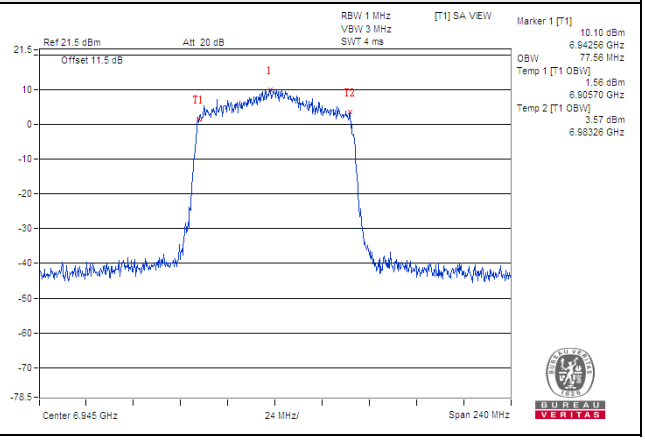
802.11ax (HE160)

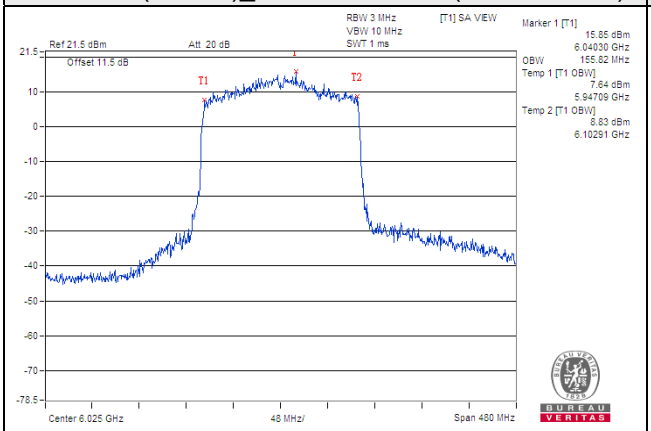
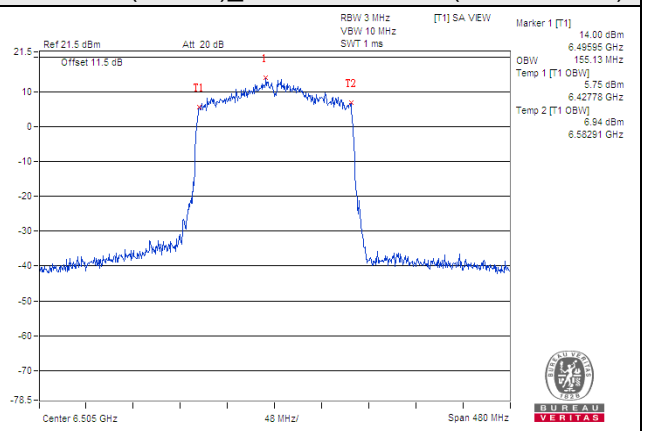
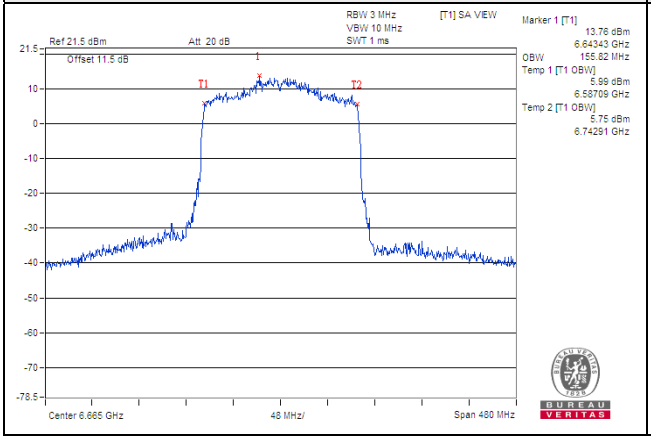
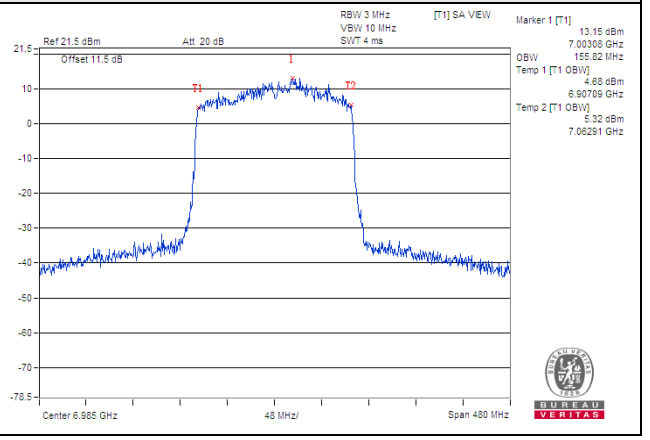
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
15	6025	154.44	155.82	320
47	6185	155.13	155.82	320
79	6345	155.52	155.52	320
111	6505	154.44	155.13	320
143	6665	155.13	155.82	320
175	6825	155.52	155.52	320
207	6985	155.82	155.13	320

Spectrum Plot of Max. Value	
802.11a_Chain 0 / CH 33 (U-NII-5 Band)	802.11a_Chain 0 / CH 97 (U-NII-6 Band)
	
802.11a_Chain 0 / CH 117 (U-NII-7 Band)	802.11a_Chain 1 / CH 213 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE20)_Chain 1 / CH 1 (U-NII-5 Band)	802.11ax (HE20)_Chain 0 / CH105 (U-NII-6 Band)
	
802.11ax (HE20)_Chain 1 / CH 117 (U-NII-7 Band)	802.11ax (HE20)_Chain 0 / CH 229 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE40)_Chain 0 / CH 35 (U-NII-5 Band)	802.11ax (HE40)_Chain 0 / CH 99 (U-NII-6 Band)
	
802.11ax (HE40)_Chain 0 / CH 187 (U-NII-7 Band)	802.11ax (HE40)_Chain 0 / CH 227 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE80)_Chain 1 / CH 39 (U-NII-5 Band)	802.11ax (HE80)_Chain 0 / CH 103 (U-NII-6 Band)
	
802.11ax (HE80)_Chain 0 / CH135 (U-NII-7 Band)	802.11ax (HE80)_Chain 0 / CH 199 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE160)_Chain 1 / CH 15 (U-NII-5 Band)	802.11ax (HE160)_Chain 1 / CH 111 (U-NII-6 Band)
	
802.11ax (HE160)_Chain 1 / CH143 (U-NII-7 Band)	802.11ax (HE160)_Chain 0 / CH 207 (U-NII-8 Band)
	

Nss 2

802.11ax (HE20)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
1	5955	18.87	18.78	320
33	6115	18.78	18.78	320
61	6255	18.84	18.84	320
93	6415	18.96	18.84	320
97	6435	18.78	18.78	320
105	6475	18.84	18.84	320
113	6515	18.84	18.84	320
117	6535	18.78	18.78	320
153	6715	18.84	18.84	320
181	6855	18.84	18.84	320
185	6875	18.78	18.78	320
213	7015	18.78	18.87	320
229	7095	18.84	18.84	320
233	7115	18.84	18.84	320

802.11ax (HE40)

Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
3	5965	38.09	38.26	320
35	6125	38.09	38.26	320
59	6245	37.68	37.68	320
91	6405	37.68	37.44	320
99	6445	37.74	38.26	320
107	6485	37.68	37.92	320
115	6525	37.44	37.68	320
123	6565	37.56	38.26	320
155	6725	37.68	37.68	320
179	6845	37.44	37.68	320
187	6885	38.26	38.26	320
211	7005	37.44	37.44	320
227	7085	37.68	37.68	320

802.11ax (HE80)

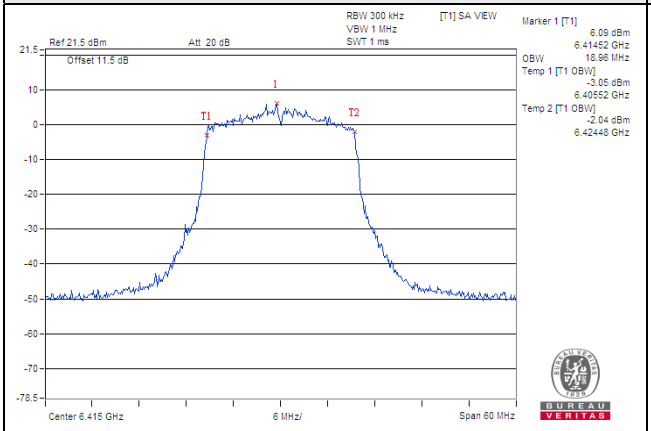
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
7	5985	77.22	77.22	320
39	6145	77.22	77.22	320
55	6225	76.32	76.80	320
87	6385	76.80	76.32	320
103	6465	77.22	77.22	320
119	6545	76.80	76.80	320
135	6625	76.52	77.22	320
151	6705	77.22	76.52	320
167	6785	77.22	77.22	320
183	6865	76.52	76.52	320
199	6945	77.57	76.52	320
215	7025	76.32	76.32	320

802.11ax (HE160)

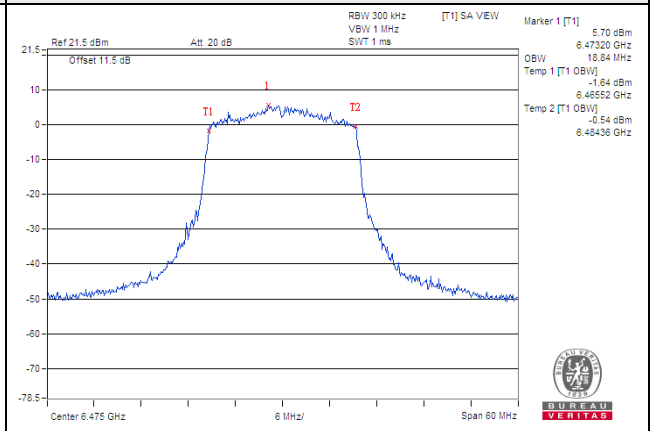
Chan.	Freq. (MHz)	Occupied Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
15	6025	155.13	155.13	320
47	6185	154.44	155.13	320
79	6345	154.56	155.52	320
111	6505	155.13	154.44	320
143	6665	155.13	155.13	320
175	6825	154.56	154.56	320
207	6985	155.13	155.82	320

Spectrum Plot of Max. Value

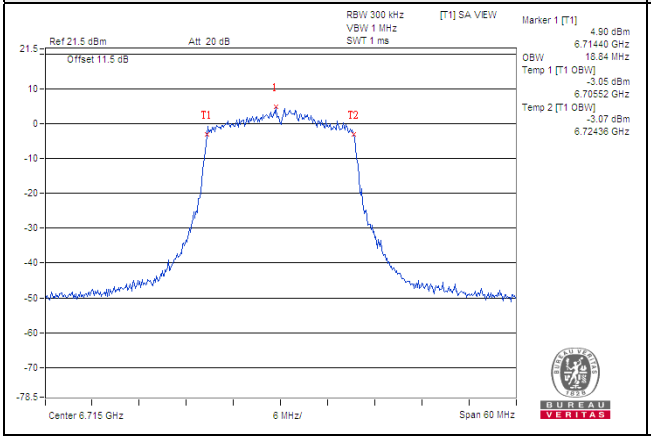
802.11ax (HE20)_Chain 0 / CH 93 (U-NII-5 Band)



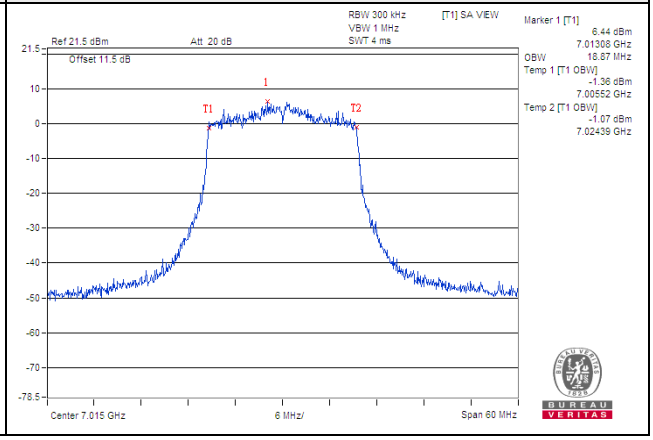
802.11ax (HE20)_Chain 0 / CH 105 (U-NII-6 Band)

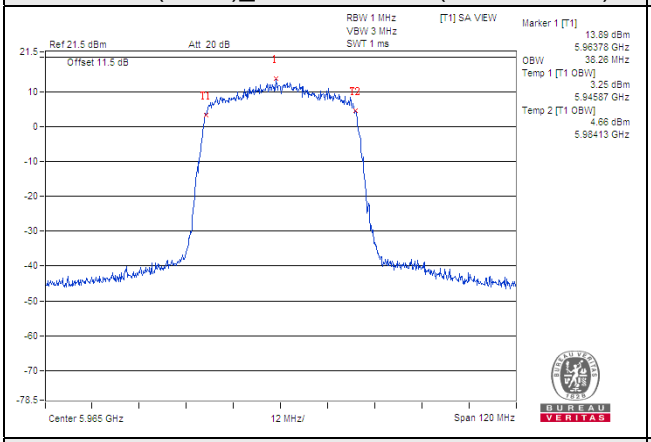
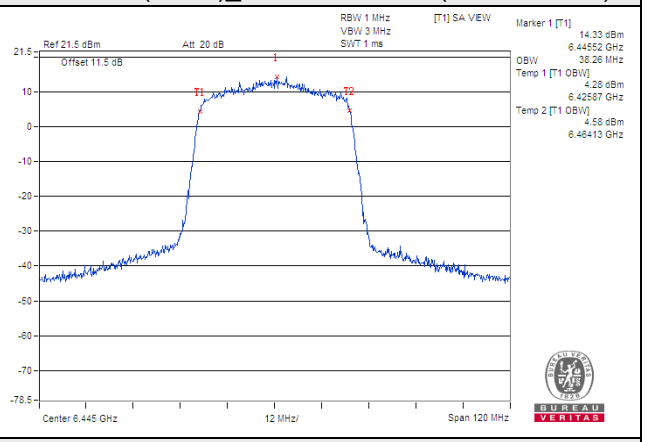
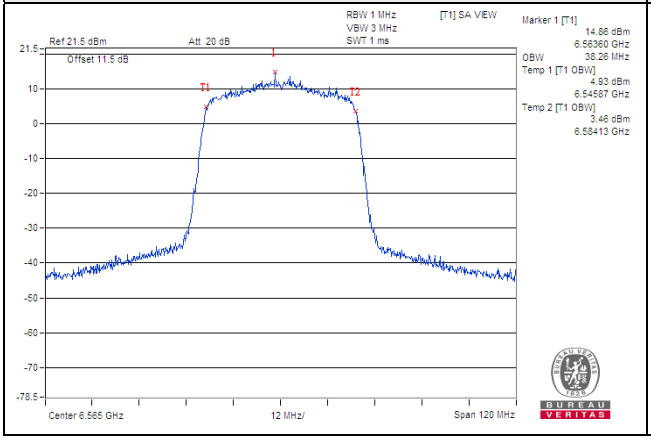
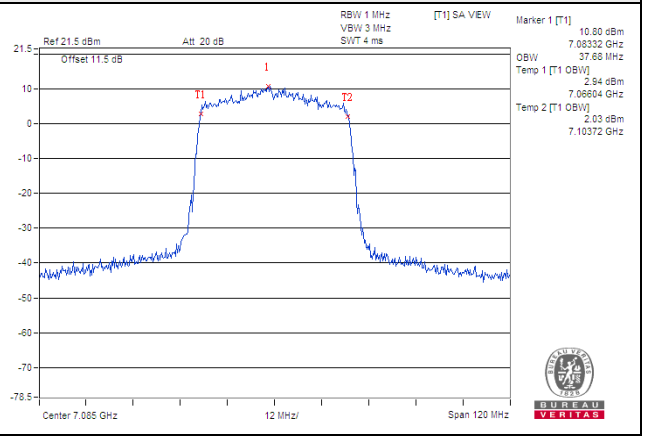


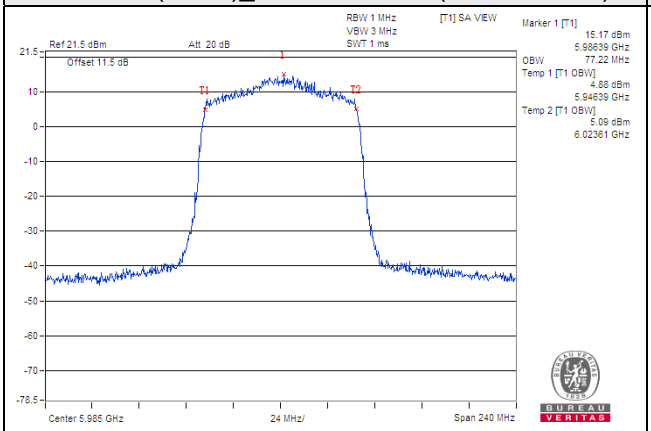
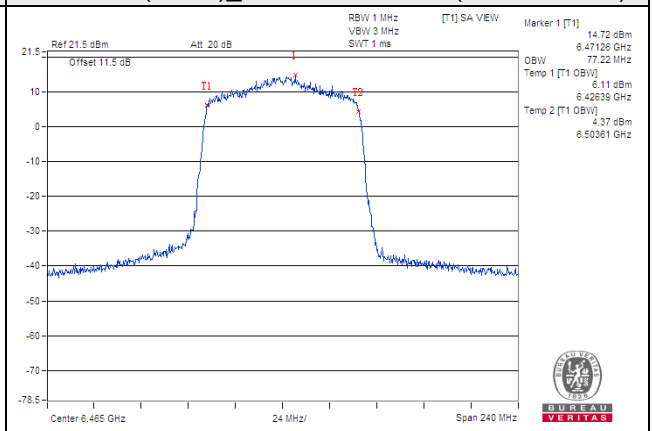
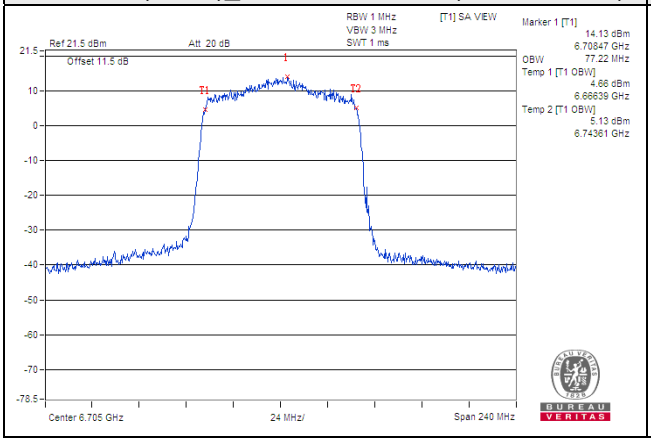
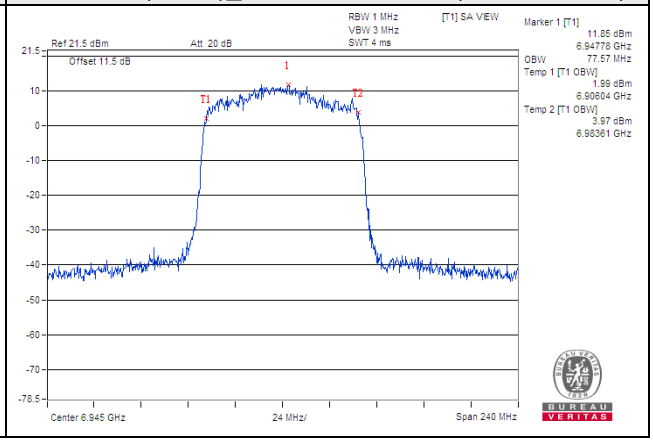
802.11ax (HE20)_Chain 0 / CH 153 (U-NII-7 Band)

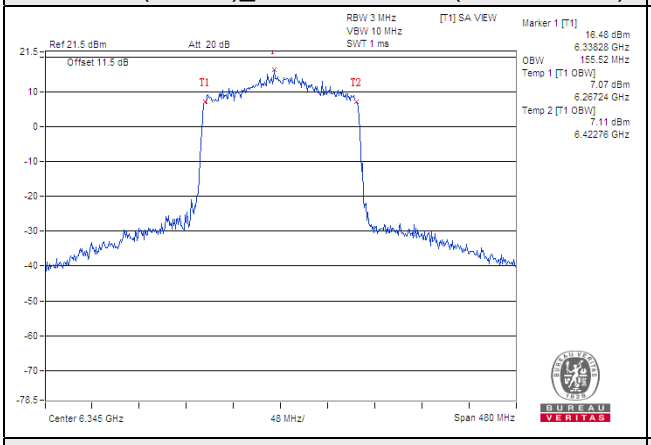
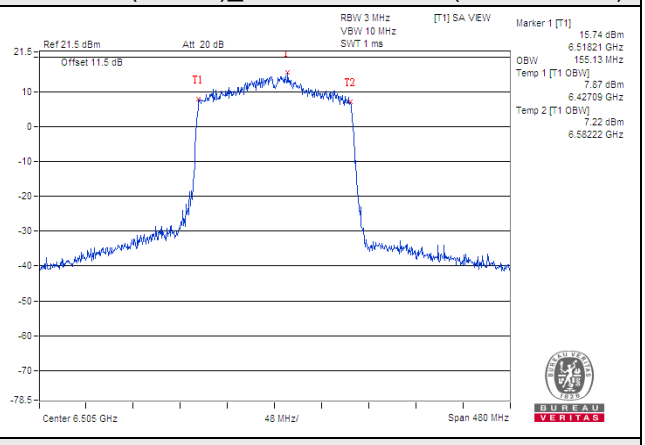
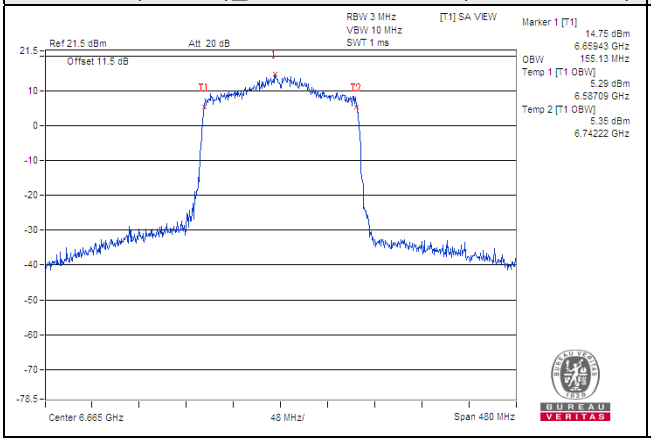
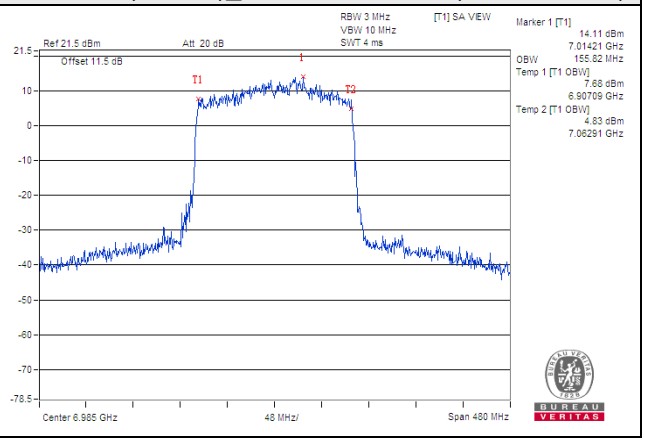


802.11ax (HE20)_Chain 1 / CH 213 (U-NII-8 Band)



Spectrum Plot of Max. Value	
802.11ax (HE40)_Chain 1 / CH 3 (U-NII-5 Band)	802.11ax (HE40)_Chain 1 / CH 99 (U-NII-6 Band)
	
802.11ax (HE40)_Chain 1 / CH 123 (U-NII-7 Band)	802.11ax (HE40)_Chain 1 / CH 227 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE80)_Chain 0 / CH 7 (U-NII-5 Band)	802.11ax (HE80)_Chain 0 / CH 103 (U-NII-6 Band)
	
802.11ax (HE80)_Chain 0 / CH 151 (U-NII-7 Band)	802.11ax (HE80)_Chain 0 / CH 199 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE160)_Chain 1 / CH 79 (U-NII-5 Band)	802.11ax (HE160)_Chain 0 / CH 111 (U-NII-6 Band)
	
802.11ax (HE160)_Chain 0 / CH 143 (U-NII-7 Band)	802.11ax (HE160)_Chain 1 / CH 207 (U-NII-8 Band)
	

26dB Bandwidth

Nss 1

802.11a

Chan.	Freq. (MHz)	26dB Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
1	5955	19.20	19.06	320
33	6115	19.19	19.28	320
61	6255	19.21	19.16	320
93	6415	19.11	19.23	320
97	6435	19.18	19.02	320
105	6475	19.14	19.27	320
113	6515	19.37	19.24	320
117	6535	19.09	19.07	320
153	6715	19.11	19.21	320
181	6855	19.83	19.69	320
185	6875	18.98	18.97	320
213	7015	19.61	19.71	320
229	7095	19.64	19.56	320
233	7115	19.82	19.72	320

802.11ax (HE20)

Chan.	Freq. (MHz)	26dB Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
1	5955	20.93	20.77	320
33	6115	20.91	20.89	320
61	6255	20.98	20.74	320
93	6415	20.94	20.83	320
97	6435	20.80	20.70	320
105	6475	20.93	20.85	320
113	6515	20.89	20.94	320
117	6535	20.81	21.02	320
153	6715	21.00	20.72	320
181	6855	20.91	20.92	320
185	6875	20.60	20.83	320
213	7015	20.68	20.97	320
229	7095	20.95	20.74	320
233	7115	21.14	21.04	320

802.11ax (HE40)

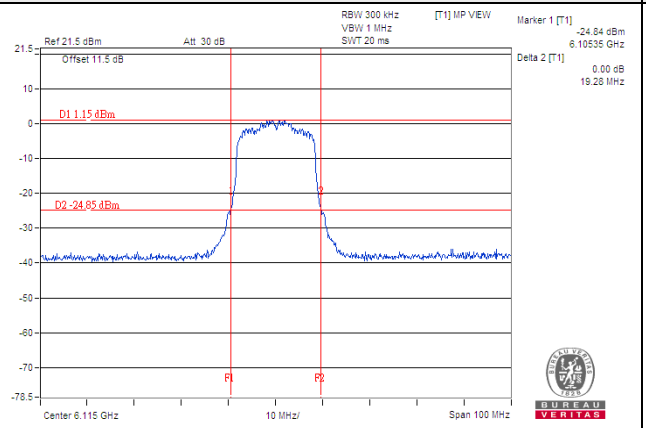
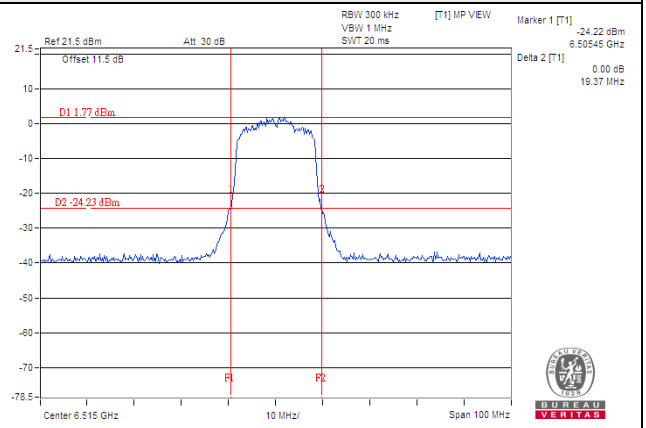
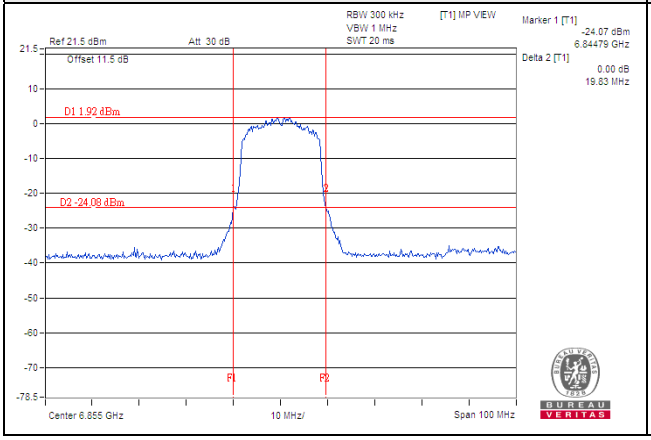
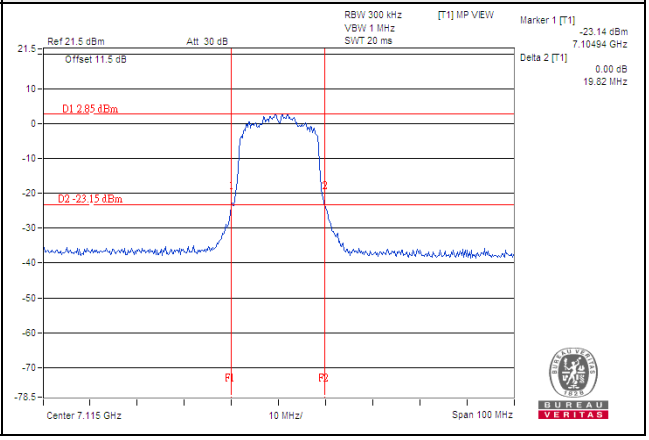
Chan.	Freq. (MHz)	26dB Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
3	5965	41.28	41.73	320
35	6125	41.47	41.27	320
59	6245	41.67	41.35	320
91	6405	41.57	41.47	320
99	6445	41.40	41.36	320
107	6485	41.52	41.35	320
115	6525	41.35	41.49	320
123	6565	41.83	41.10	320
155	6725	41.67	41.41	320
179	6845	41.39	41.44	320
187	6885	41.29	41.42	320
211	7005	41.47	41.22	320
227	7085	41.40	41.55	320

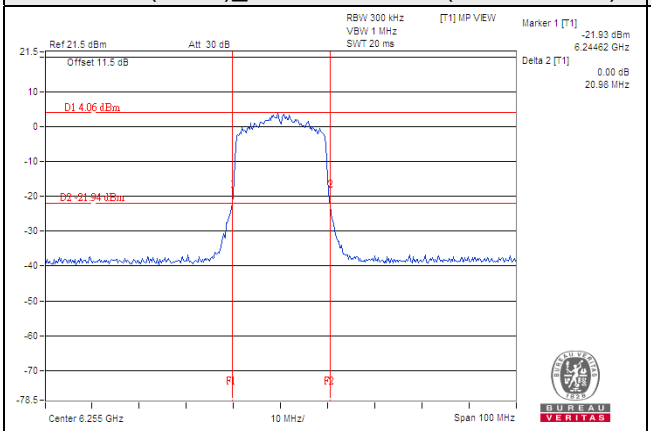
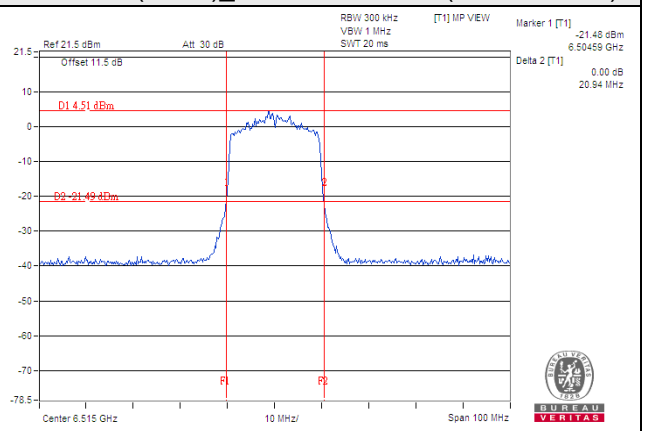
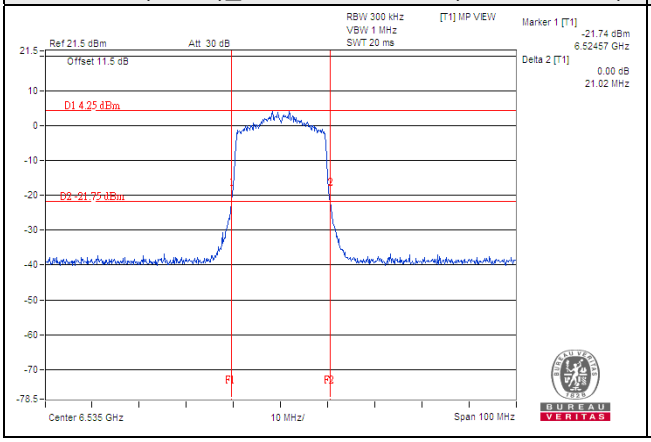
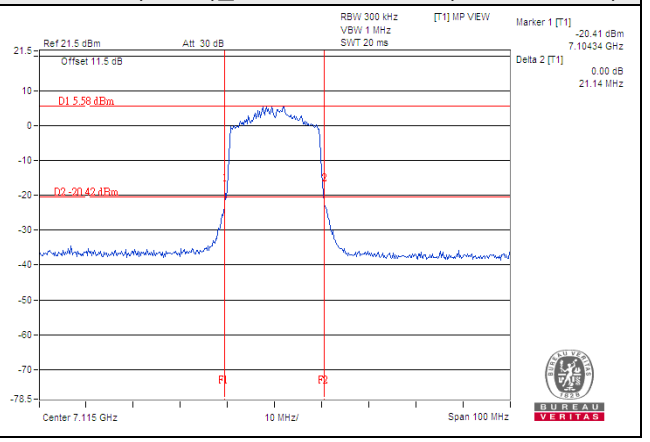
802.11ax (HE80)

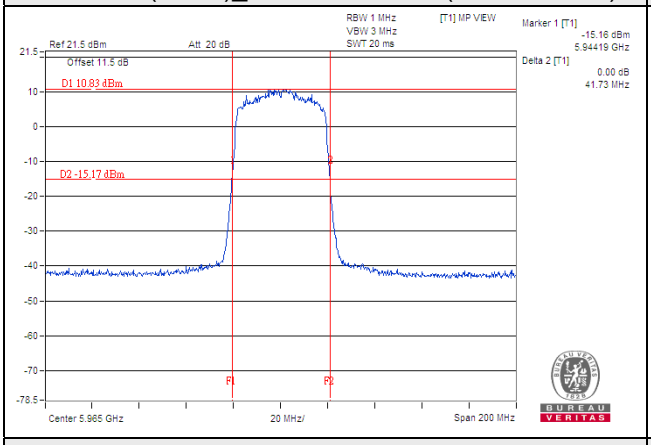
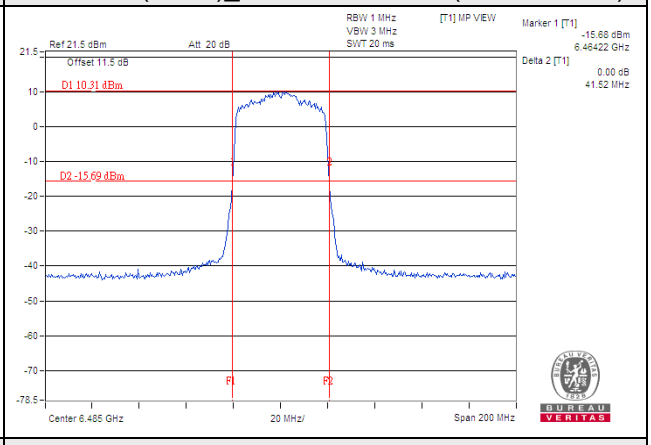
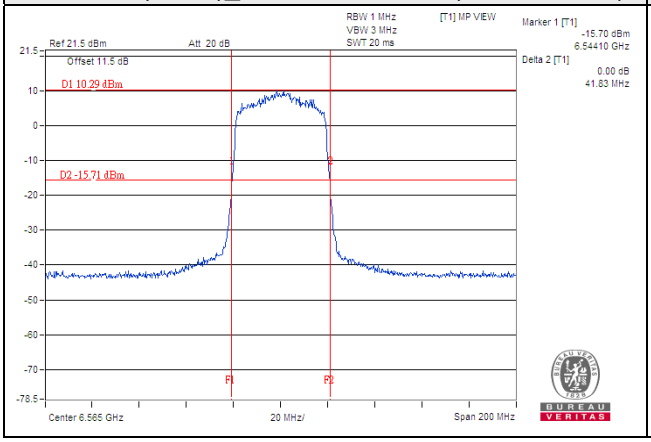
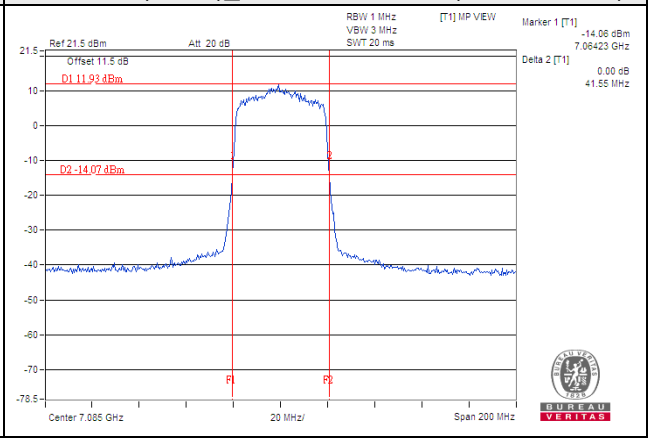
Chan.	Freq. (MHz)	26dB Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
7	5985	81.83	82.12	320
39	6145	82.23	82.63	320
55	6225	82.49	82.33	320
87	6385	82.30	82.54	320
103	6465	81.97	81.91	320
119	6545	82.45	82.44	320
135	6625	82.33	82.52	320
151	6705	82.04	82.10	320
167	6785	82.14	82.14	320
183	6865	81.80	81.92	320
199	6945	82.35	81.80	320
215	7025	82.02	81.95	320

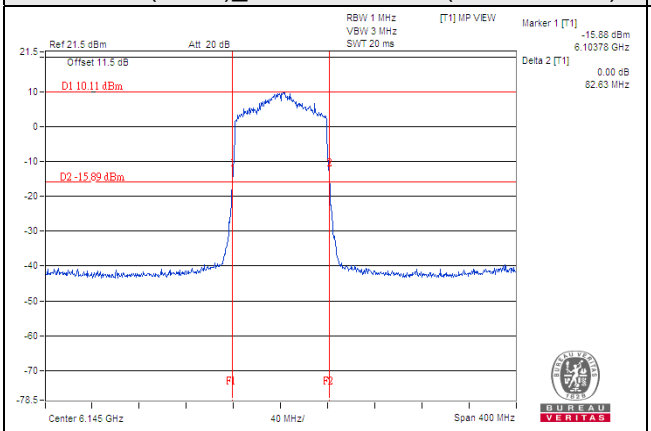
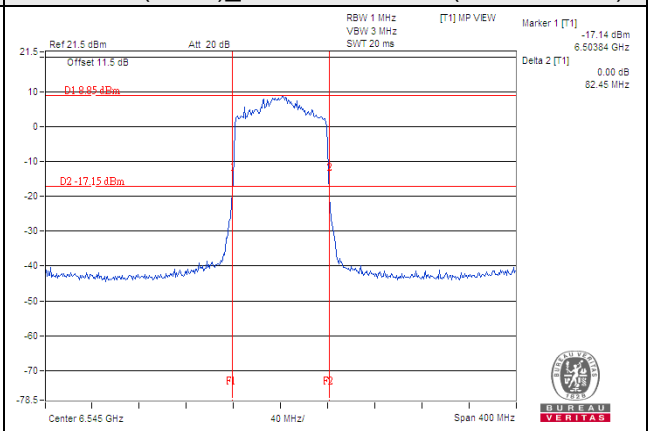
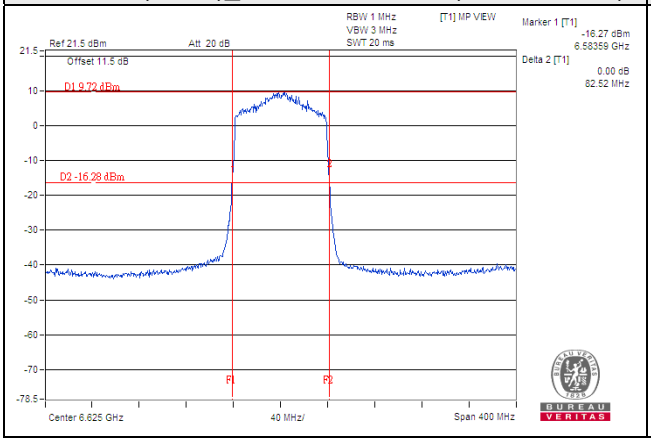
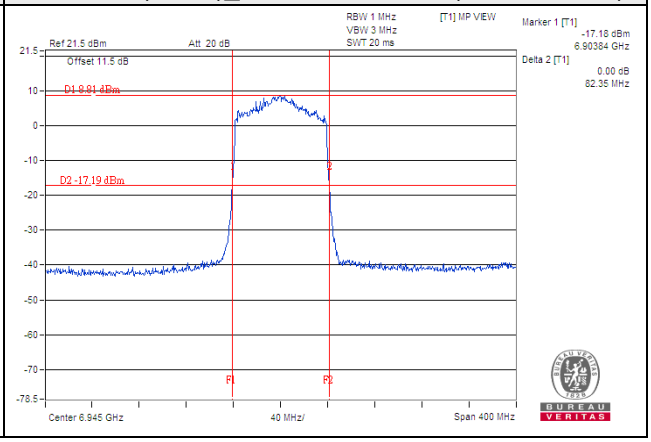
802.11ax (HE160)

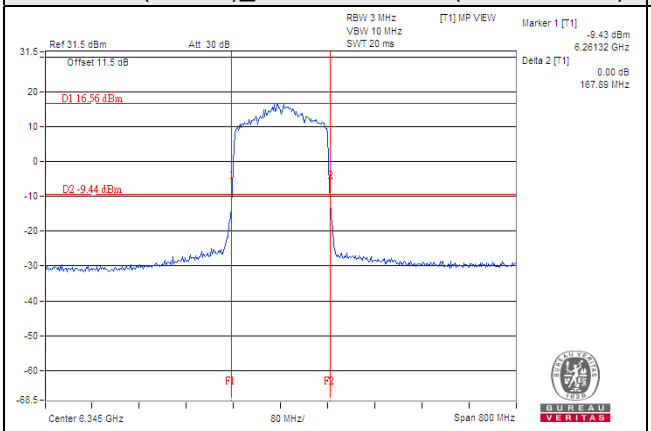
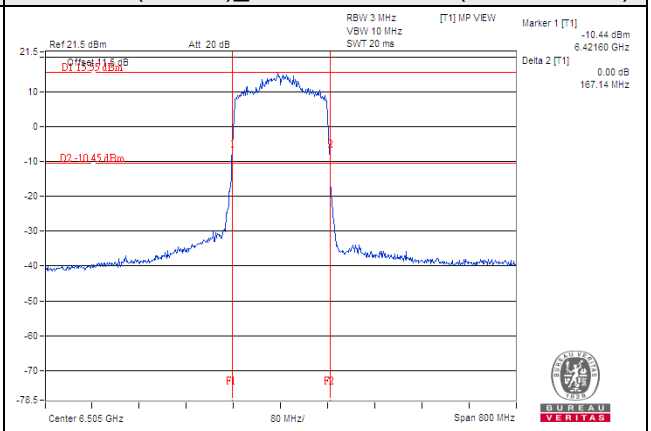
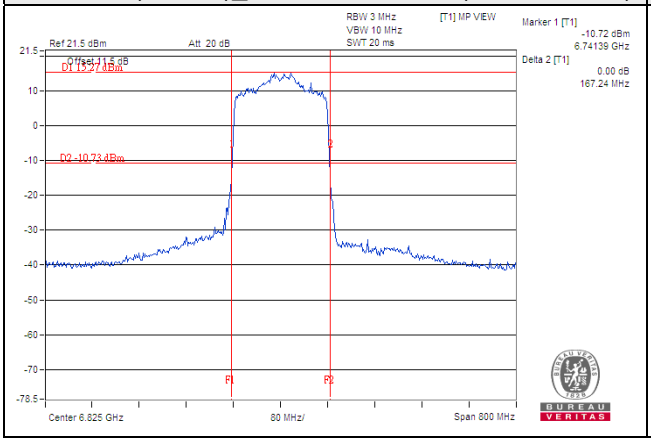
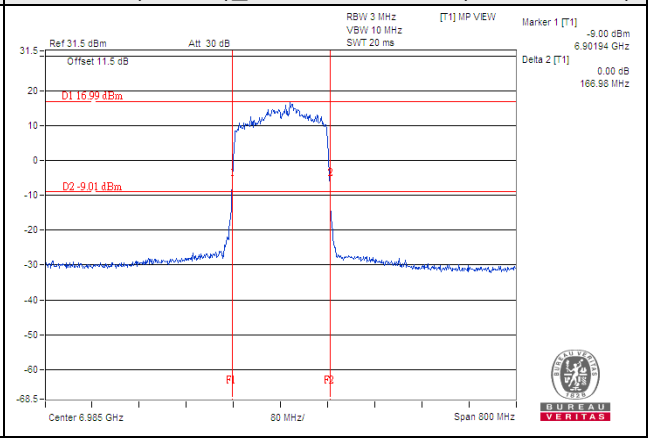
Chan.	Freq. (MHz)	26dB Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
15	6025	167.12	167.47	320
47	6185	166.83	166.99	320
79	6345	167.27	167.89	320
111	6505	166.60	167.14	320
143	6665	166.78	166.84	320
175	6825	167.24	166.44	320
207	6985	166.91	166.98	320

Spectrum Plot of Max. Value	
802.11a_Chain 1 / CH 33 (U-NII-5 Band)	802.11a_Chain 0 / CH 113 (U-NII-6 Band)
	
802.11a_Chain 0 / CH 181 (U-NII-7 Band)	802.11a_Chain 0 / CH 233 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE20)_Chain 0 / CH 61 (U-NII-5 Band)	802.11ax (HE20)_Chain 1 / CH 113 (U-NII-6 Band)
	
802.11ax (HE20)_Chain 1 / CH 117 (U-NII-7 Band)	802.11ax (HE20)_Chain 0 / CH 233 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE40)_Chain 1 / CH 91 (U-NII-5 Band)	802.11ax (HE40)_Chain 0 / CH 107 (U-NII-6 Band)
	
802.11ax (HE40)_Chain 0 / CH 123 (U-NII-7 Band)	802.11ax (HE40)_Chain 1 / CH 227 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE80)_Chain 1 / CH 39 (U-NII-5 Band)	802.11ax (HE80)_Chain 0 / CH 119 (U-NII-6 Band)
	
802.11ax (HE80)_Chain 1 / CH 135 (U-NII-7 Band)	802.11ax (HE80)_Chain 0 / CH 199 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE160)_Chain 1 / CH 79 (U-NII-5 Band)	802.11ax (HE160)_Chain 1 / CH 111 (U-NII-6 Band)
	
802.11ax (HE160)_Chain 0 / CH 175 (U-NII-7 Band)	802.11ax (HE160)_Chain 1 / CH 207 (U-NII-8 Band)
	

Nss 2

802.11ax (HE20)

Chan.	Freq. (MHz)	26dB Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
1	5955	20.90	21.00	320
33	6115	20.83	20.97	320
61	6255	20.86	21.11	320
93	6415	20.85	20.84	320
97	6435	20.85	20.99	320
105	6475	20.95	20.98	320
113	6515	20.74	20.79	320
117	6535	21.04	21.05	320
153	6715	20.75	20.87	320
181	6855	21.28	20.84	320
185	6875	20.73	20.61	320
213	7015	20.96	20.56	320
229	7095	20.68	20.84	320
233	7115	20.80	21.10	320

802.11ax (HE40)

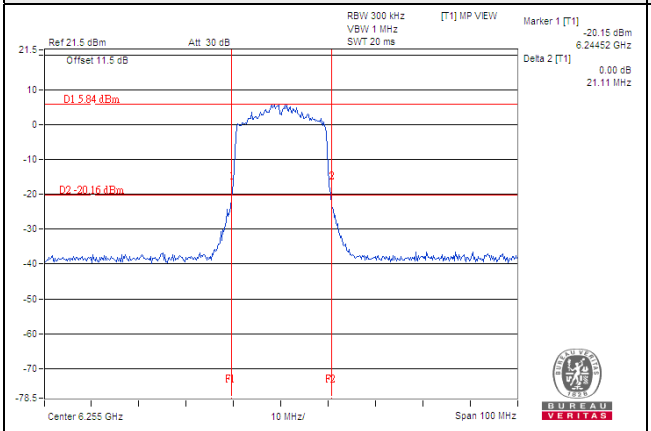
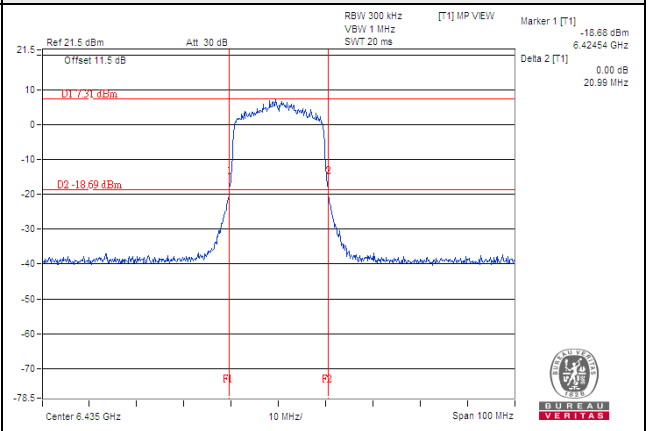
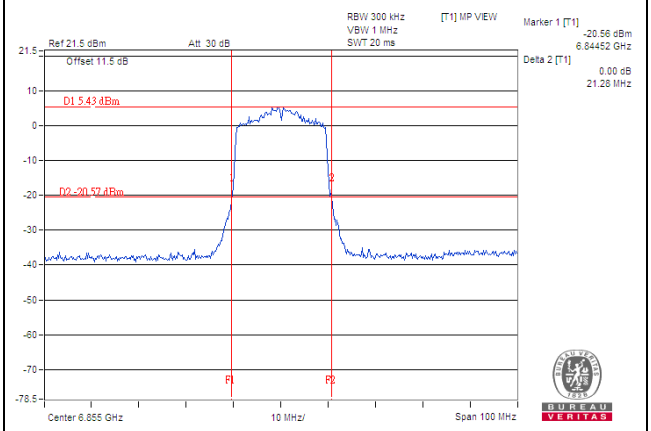
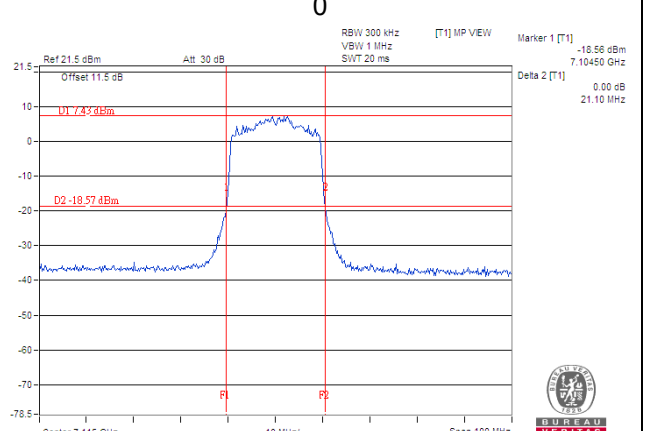
Chan.	Freq. (MHz)	26dB Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
3	5965	41.43	41.17	320
35	6125	41.27	41.23	320
59	6245	41.72	41.41	320
91	6405	41.62	41.61	320
99	6445	41.37	41.61	320
107	6485	41.46	41.52	320
115	6525	41.72	41.29	320
123	6565	41.49	41.30	320
155	6725	41.43	41.51	320
179	6845	41.54	41.38	320
187	6885	41.42	41.30	320
211	7005	41.21	41.48	320
227	7085	41.26	41.35	320

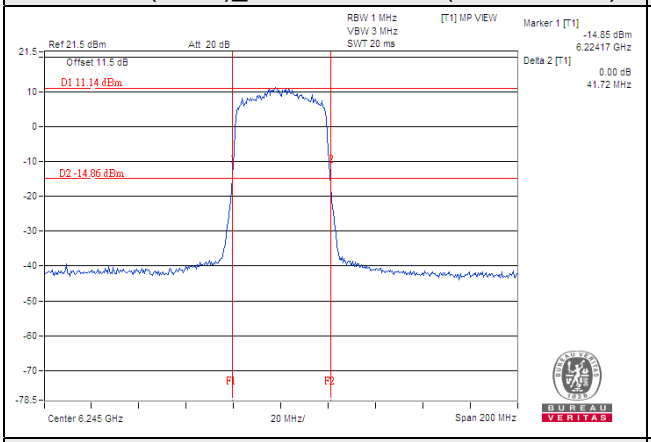
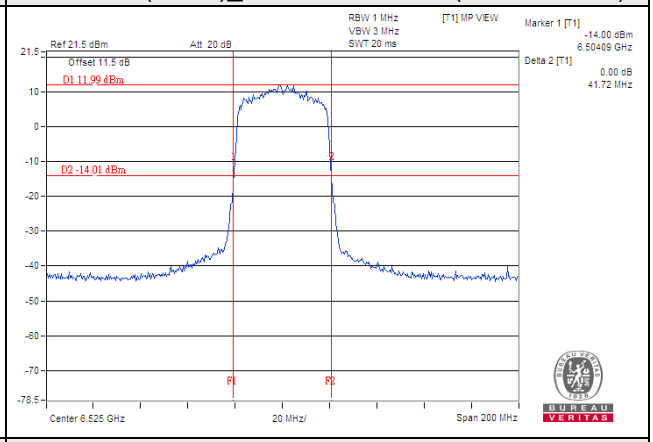
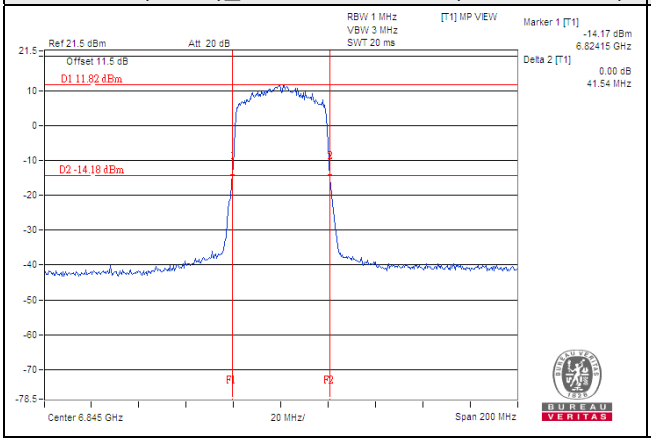
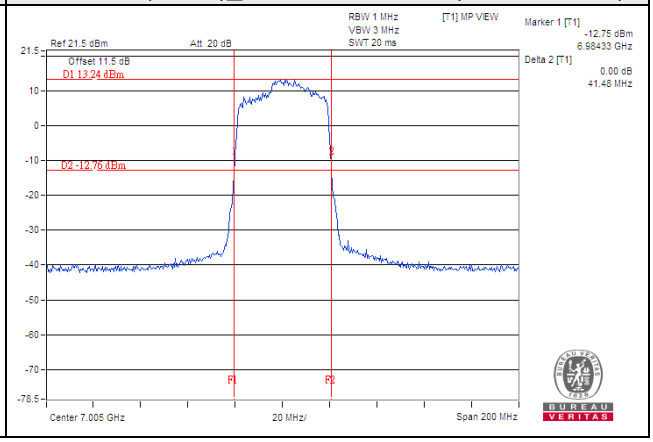
802.11ax (HE80)

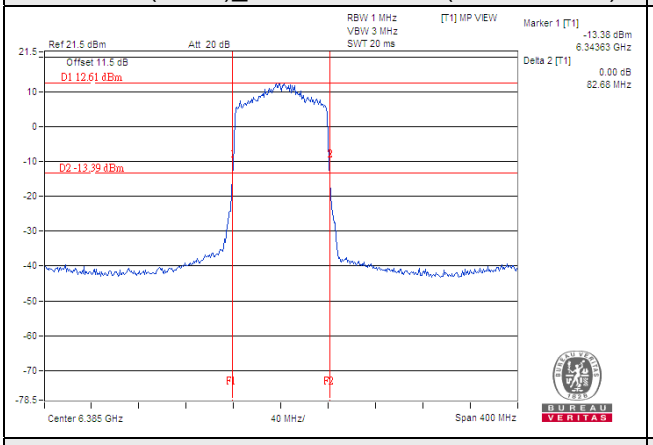
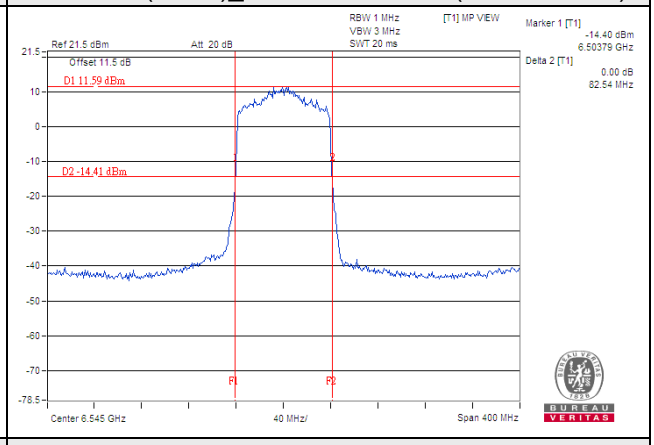
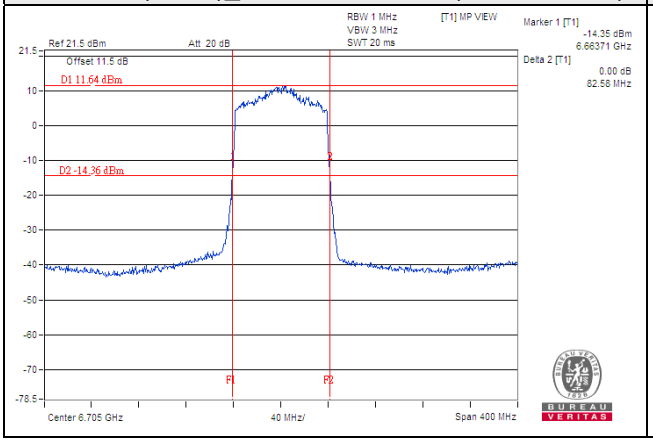
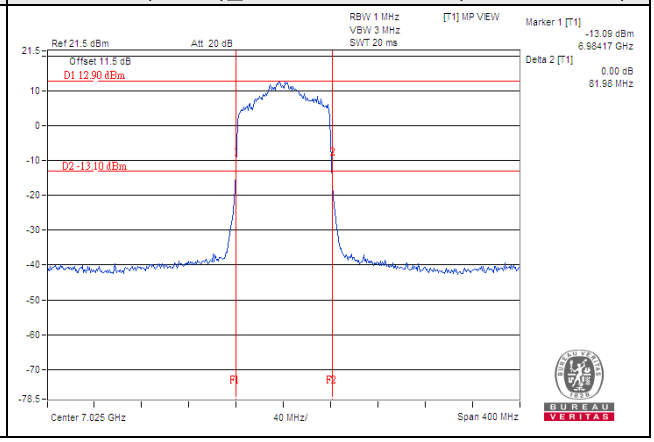
Chan.	Freq. (MHz)	26dB Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
7	5985	82.10	81.78	320
39	6145	82.35	82.25	320
55	6225	82.29	82.17	320
87	6385	82.68	82.62	320
103	6465	82.06	82.12	320
119	6545	82.54	82.40	320
135	6625	81.94	82.02	320
151	6705	82.58	82.39	320
167	6785	82.16	82.12	320
183	6865	82.25	81.69	320
199	6945	81.90	81.89	320
215	7025	81.93	81.98	320

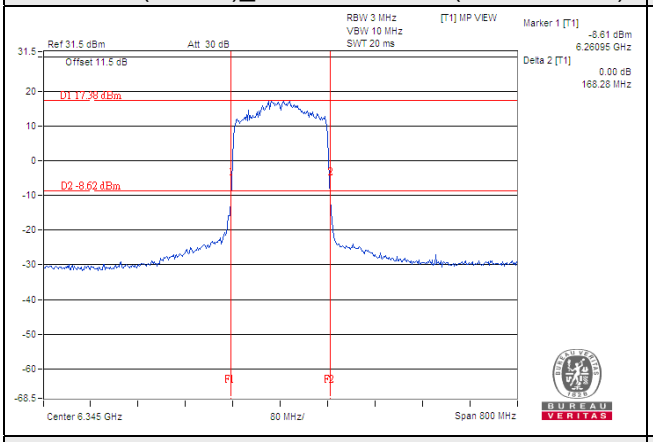
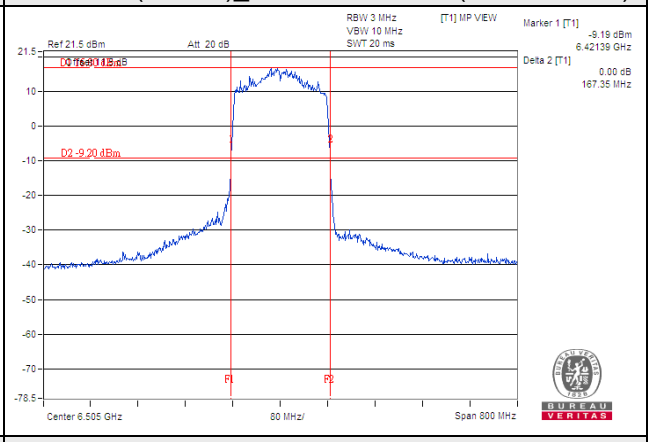
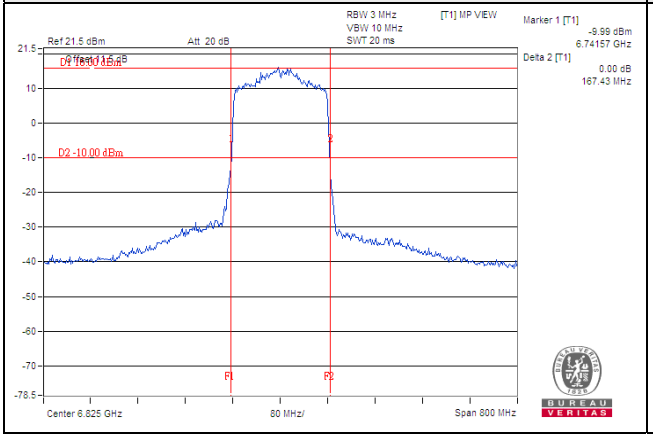
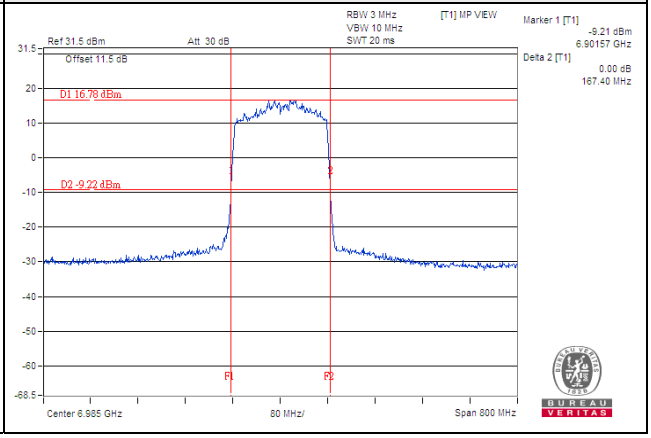
802.11ax (HE160)

Chan.	Freq. (MHz)	26dB Bandwidth (MHz)		
		Chain 0	Chain 1	Limit (MHz)
15	6025	166.98	167.22	320
47	6185	166.92	167.18	320
79	6345	167.60	168.28	320
111	6505	167.22	167.35	320
143	6665	167.23	166.84	320
175	6825	166.91	167.43	320
207	6985	167.40	167.38	320

Spectrum Plot of Max. Value	
802.11ax (HE20)_Chain 1 / CH 61 (U-NII-5 Band)	802.11ax (HE20)_Chain 1 / CH 97 (U-NII-6 Band)
	
802.11ax (HE20)_Chain 0 / CH181 (U-NII-7 Band)	802.11ax (HE20)_Chain 1 / CH 233 (U-NII-8 Band)
	0 

Spectrum Plot of Max. Value	
802.11ax (HE40)_Chain 0 / CH 59 (U-NII-5 Band)	802.11ax (HE40)_Chain 0 / CH 115 (U-NII-6 Band)
	
802.11ax (HE40)_Chain 0 / CH 179 (U-NII-7 Band)	802.11ax (HE40)_Chain 1 / CH 211 (U-NII-8 Band)
	

Spectrum Plot of Max. Value	
802.11ax (HE80)_Chain 0 / CH 87 (U-NII-5 Band)	802.11ax (HE80)_Chain 0 / CH 119 (U-NII-6 Band)
	
802.11ax (HE80)_Chain 1 / CH 151 (U-NII-7 Band)	802.11ax (HE80)_Chain 1 / CH 215 (U-NII-8 Band)
	

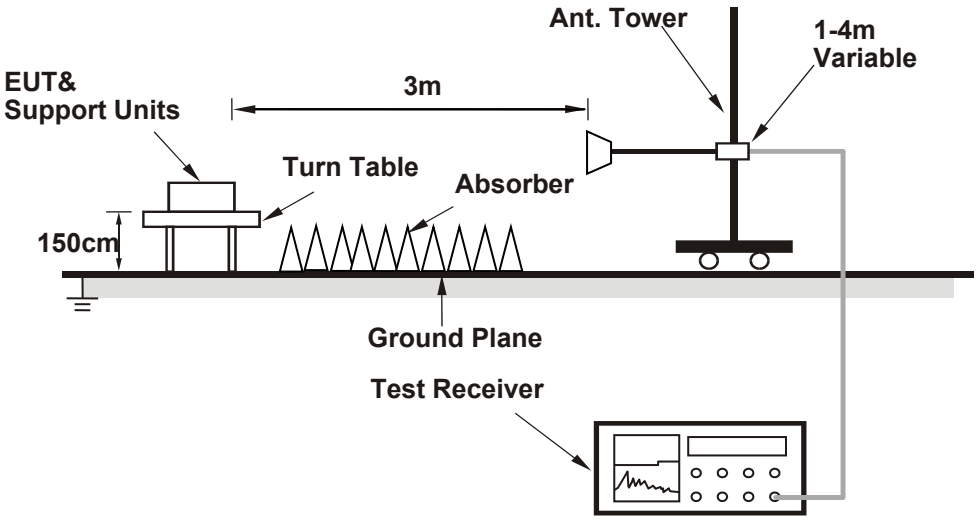
Spectrum Plot of Max. Value	
802.11ax (HE160)_Chain 1 / CH 79 (U-NII-5 Band)	802.11ax (HE160)_Chain 1 / CH 111 (U-NII-6 Band)
	
802.11ax (HE160)_Chain 1 / CH 175 (U-NII-7 Band)	802.11ax (HE160)_Chain 1 / CH 207 (U-NII-8 Band)
	

4.6 Peak Power Spectral Density Measurement

4.6.1 Limits of Peak Power Spectral Density Measurement

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

4.6.2 Test Setup



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedures

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 63.10 and KDB 412172 D01 v01r01, EIRP Value (dBm) = Field Strength Value (dBμV/m) + Correction Factor @ 3m.

f. Correction Factor (dB) @ 3m = 20log(D) − 104.7; where D is the measurement distance @3m=-95.15dB

Note: Spectrum analyzer setting as below:

Method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
3. Sweep time = auto, trigger set to “free run” (duty cycle ≥ 98 percent) ; Set video trigger (duty cycle < 98 percent).
4. Trace average at least 100 traces in power averaging mode.
5. Record the max value

4.6.5 Deviation from Test Standard

No deviation.

4.6.6 EUT Operating Conditions

Same as 4.3.6.

4.6.7 Test Results

Nss 1

802.11a

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	100.06	95.15	4.91	5.00	Pass
33	6115	100.10	95.15	4.95	5.00	Pass
61	6255	100.09	95.15	4.94	5.00	Pass
93	6415	100.08	95.15	4.93	5.00	Pass
97	6435	99.77	95.15	4.62	5.00	Pass
105	6475	99.97	95.15	4.82	5.00	Pass
113	6515	99.95	95.15	4.80	5.00	Pass
117	6535	100.12	95.15	4.97	5.00	Pass
153	6715	99.77	95.15	4.62	5.00	Pass
181	6855	100.06	95.15	4.91	5.00	Pass
185	6875	99.84	95.15	4.69	5.00	Pass
213	7015	99.88	95.15	4.73	5.00	Pass
229	7095	99.89	95.15	4.74	5.00	Pass
233	7115	99.92	95.15	4.77	5.00	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	99.68	95.15	4.53	5.00	Pass
33	6115	99.72	95.15	4.57	5.00	Pass
61	6255	100.06	95.15	4.91	5.00	Pass
93	6415	100.02	95.15	4.87	5.00	Pass
97	6435	99.77	95.15	4.62	5.00	Pass
105	6475	99.91	95.15	4.76	5.00	Pass
113	6515	99.96	95.15	4.81	5.00	Pass
117	6535	99.78	95.15	4.63	5.00	Pass
153	6715	99.92	95.15	4.77	5.00	Pass
181	6855	100.11	95.15	4.96	5.00	Pass
185	6875	99.75	95.15	4.60	5.00	Pass
213	7015	99.77	95.15	4.62	5.00	Pass
229	7095	100.01	95.15	4.86	5.00	Pass
233	7115	82.95	95.15	-12.20	5.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	99.96	95.15	4.81	5.00	Pass
35	6125	100.11	95.15	4.96	5.00	Pass
59	6245	99.72	95.15	4.57	5.00	Pass
91	6405	99.76	95.15	4.61	5.00	Pass
99	6445	99.71	95.15	4.56	5.00	Pass
107	6485	99.78	95.15	4.63	5.00	Pass
115	6525	100.05	95.15	4.90	5.00	Pass
123	6565	100.13	95.15	4.98	5.00	Pass
155	6725	100.07	95.15	4.92	5.00	Pass
179	6845	99.67	95.15	4.52	5.00	Pass
187	6885	99.78	95.15	4.63	5.00	Pass
211	7005	99.74	95.15	4.59	5.00	Pass
227	7085	99.84	95.15	4.69	5.00	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	99.98	95.15	4.83	5.00	Pass
39	6145	100.01	95.15	4.86	5.00	Pass
55	6225	99.81	95.15	4.66	5.00	Pass
87	6385	99.72	95.15	4.57	5.00	Pass
103	6465	99.76	95.15	4.61	5.00	Pass
119	6545	99.77	95.15	4.62	5.00	Pass
135	6625	99.98	95.15	4.83	5.00	Pass
151	6705	99.77	95.15	4.62	5.00	Pass
167	6785	99.75	95.15	4.60	5.00	Pass
183	6865	100.01	95.15	4.86	5.00	Pass
199	6945	100.05	95.15	4.90	5.00	Pass
215	7025	99.81	95.15	4.66	5.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	99.92	95.15	4.77	5.00	Pass
47	6185	99.95	95.15	4.80	5.00	Pass
79	6345	100.11	95.15	4.96	5.00	Pass
111	6505	100.02	95.15	4.87	5.00	Pass
143	6665	99.91	95.15	4.76	5.00	Pass
175	6825	100.09	95.15	4.94	5.00	Pass
207	6985	99.98	95.15	4.83	5.00	Pass

Nss 2

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
1	5955	100.08	95.15	4.93	5.00	Pass
33	6115	100.12	95.15	4.97	5.00	Pass
61	6255	100.09	95.15	4.94	5.00	Pass
93	6415	100.14	95.15	4.99	5.00	Pass
97	6435	100.06	95.15	4.91	5.00	Pass
105	6475	100.11	95.15	4.96	5.00	Pass
113	6515	100.02	95.15	4.87	5.00	Pass
117	6535	100.06	95.15	4.91	5.00	Pass
153	6715	99.88	95.15	4.73	5.00	Pass
181	6855	100.12	95.15	4.97	5.00	Pass
185	6875	100.03	95.15	4.88	5.00	Pass
213	7015	99.97	95.15	4.82	5.00	Pass
229	7095	100.05	95.15	4.90	5.00	Pass
233	7115	83.11	95.15	-12.04	5.00	Pass

802.11ax (HE40)

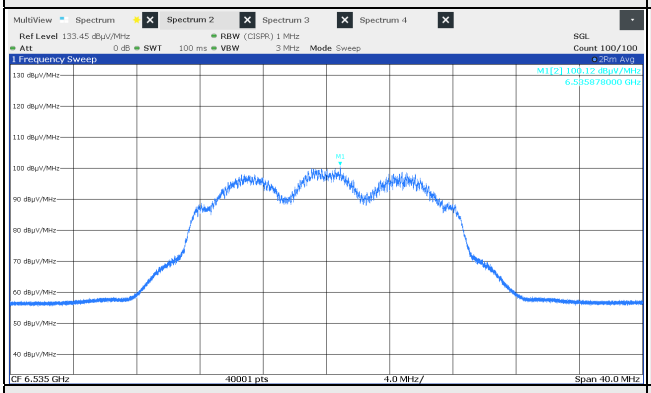
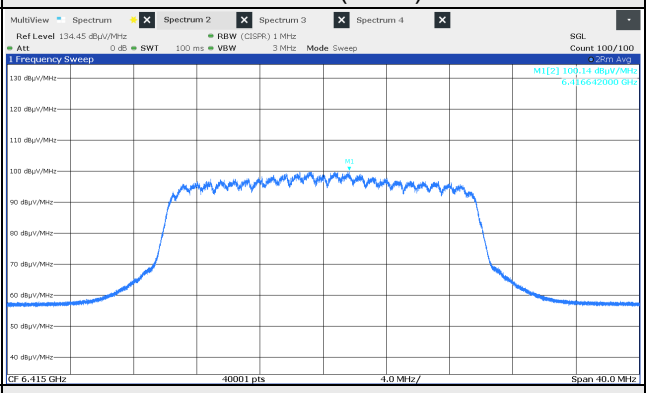
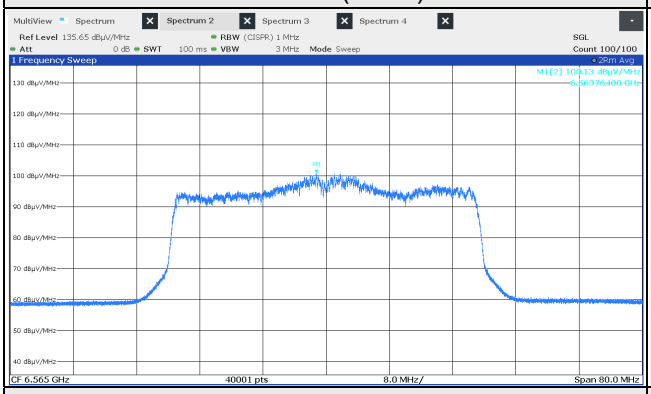
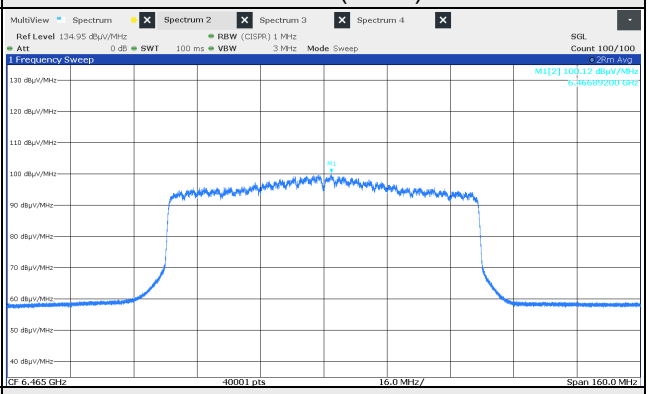
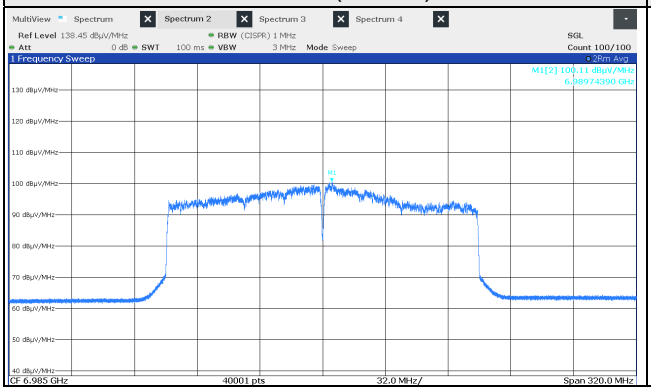
Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
3	5965	99.73	95.15	4.58	5.00	Pass
35	6125	99.75	95.15	4.60	5.00	Pass
59	6245	100.08	95.15	4.93	5.00	Pass
91	6405	100.06	95.15	4.91	5.00	Pass
99	6445	100.09	95.15	4.94	5.00	Pass
107	6485	100.03	95.15	4.88	5.00	Pass
115	6525	100.01	95.15	4.86	5.00	Pass
123	6565	100.01	95.15	4.86	5.00	Pass
155	6725	100.07	95.15	4.92	5.00	Pass
179	6845	100.05	95.15	4.90	5.00	Pass
187	6885	100.11	95.15	4.96	5.00	Pass
211	7005	100.02	95.15	4.87	5.00	Pass
227	7085	100.01	95.15	4.86	5.00	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
7	5985	99.90	95.15	4.75	5.00	Pass
39	6145	99.91	95.15	4.76	5.00	Pass
55	6225	99.88	95.15	4.73	5.00	Pass
87	6385	99.95	95.15	4.80	5.00	Pass
103	6465	100.12	95.15	4.97	5.00	Pass
119	6545	100.05	95.15	4.90	5.00	Pass
135	6625	100.02	95.15	4.87	5.00	Pass
151	6705	99.99	95.15	4.84	5.00	Pass
167	6785	100.11	95.15	4.96	5.00	Pass
183	6865	100.05	95.15	4.90	5.00	Pass
199	6945	99.97	95.15	4.82	5.00	Pass
215	7025	99.91	95.15	4.76	5.00	Pass

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	Field Strength (dBuV/m)	Correction Factor (dB)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Pass / Fail
15	6025	99.94	95.15	4.79	5.00	Pass
47	6185	99.96	95.15	4.81	5.00	Pass
79	6345	99.88	95.15	4.73	5.00	Pass
111	6505	100.06	95.15	4.91	5.00	Pass
143	6665	100.09	95.15	4.94	5.00	Pass
175	6825	100.03	95.15	4.88	5.00	Pass
207	6985	100.11	95.15	4.96	5.00	Pass

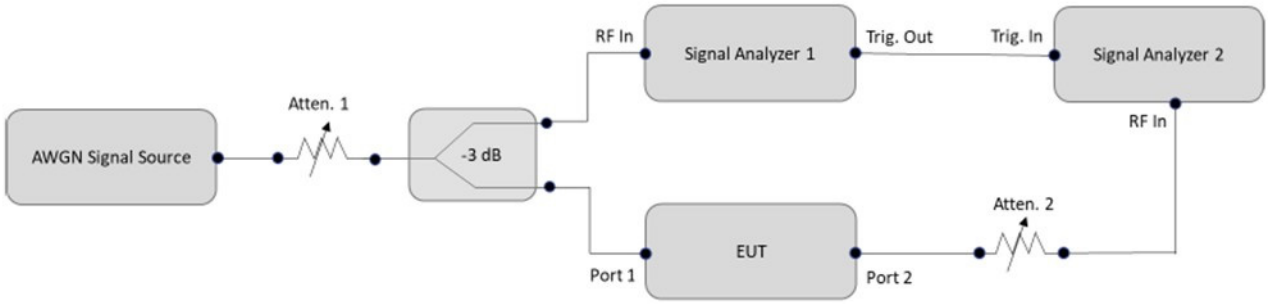
Spectrum Plot of Worst Value	
802.11a	802.11ax (HE20)
	
802.11ax (HE40)	802.11ax (HE80)
	
802.11ax (HE160)	
	

4.7 Contention Based Protocol Measurement

4.7.1 Limits of Contention Based Protocol Measurement

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.

4.7.2 Test Setup



4.7.3 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer R&S	FSW8	101497	Nov. 10, 2020	Nov. 09, 2021
Spectrum Analyzer R&S	FSV40	101516	Mar. 08, 2021	Mar. 07, 2022
MXG X-Series RF Vector Signal Generator Agilent	N5182B	MY59100182	Apr. 22, 2021	Apr. 21, 2022
N5182BU KEYSIGHT	N5182BX07	MY59360203	Dec. 10, 2020	Dec. 09, 2021
Power Splitter/combiner Mini-Circuits	ZFRSC-123-S+	F698501347_01	Jan. 27, 2021	Jan. 26, 2022

Note: 1. The test was performed in Femtocell room.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.7.4 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.

4.7.5 EUT Operating Condition

Set the EUT to transmit with a constant duty cycle and relative operating parameters which including power level, operating frequency,modulation and bandwidth.

4.7.6 Test Results

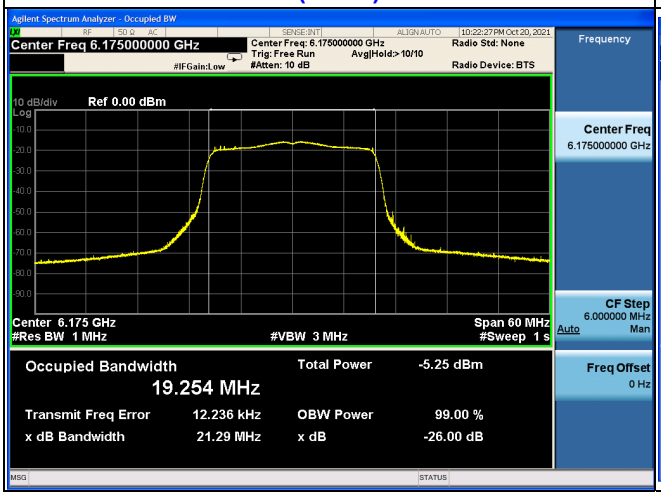
Band	Channel	Channel Freq [MHz]	Channel BW [MHz]	Incumbent Freq [MHz]	Detection Power Level [dBm]	Detection Limit [dBm]
UNII Band 5	45	6175	20	6175	-69.03	-62.00
	47	6185	160	6110	-62.02	-62.00
				6185	-62.01	-62.00
				6260	-62.04	-62.00
UNII Band 6	97	6435	20	6435	-68.03	-62.00
	111	6505	160	6430	-64.01	-62.00
				6505	-62.01	-62.00
				6580	-62.02	-62.00
UNII Band 7	149	6695	20	6695	-68.03	-62.00
	143	6665	160	6590	-62.03	-62.00
				6665	-62.01	-62.00
				6740	-62.04	-62.00
UNII Band 8	209	6995	20	6995	-68.03	-62.00
	207	6985	160	6910	-62.01	-62.00
				6985	-62.02	-62.00
				7060	-62.01	-62.00

CBP Detection (1 = Detection, Blank = No Detection)															
Band	Channel	Channel Freq [MHz]	Channel BW [MHz]	Incumbent Freq [MHz]	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
UNII Band 5	45	6175	20	6175	1	1	1	1	1	1	1	1	1	1	100
	47	6185	160	6110	1	1	1	1	1	1	1	1	1	1	100
				6185	1	1	1	1	1	1	1	1	1	1	100
				6260	1	1	1	1	1	1	1	1	1	1	100
UNII Band 6	97	6435	20	6435	1	1	1	1	1	1	1	1	1	1	100
	111	6505	160	6430	1	1	1	1	1	1	1	1	1	1	100
				6505	1	1	1	1	1	1	1	1	1	1	100
				6580	1	1	1	1	1	1	1	1	1	1	100
UNII Band 7	149	6695	20	6695	1	1	1	1	1	1	1	1	1	1	100
	143	6665	160	6590	1	1	1	1	1	1	1	1	1	1	100
				6665	1	1	1	1	1	1	1	1	1	1	100
				6740	1	1	1	1	1	1	1	1	1	1	100
UNII Band 8	209	6995	20	6995	1	1	1	1	1	1	1	1	1	1	100
	207	6985	160	6910	1	1	1	1	1	1	1	1	1	1	100
				6985	1	1	1	1	1	1	1	1	1	1	100
				7060	1	1	1	1	1	1	1	1	1	1	100

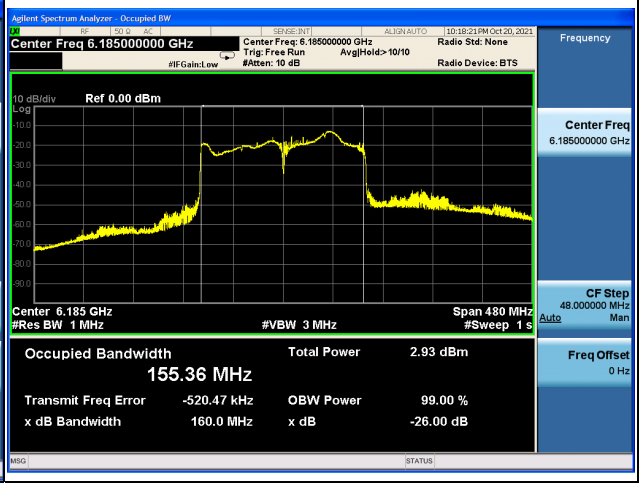
For U-NII-5 band

Plots of EUT Tx waveform

802.11ax (HE20) / CH 45



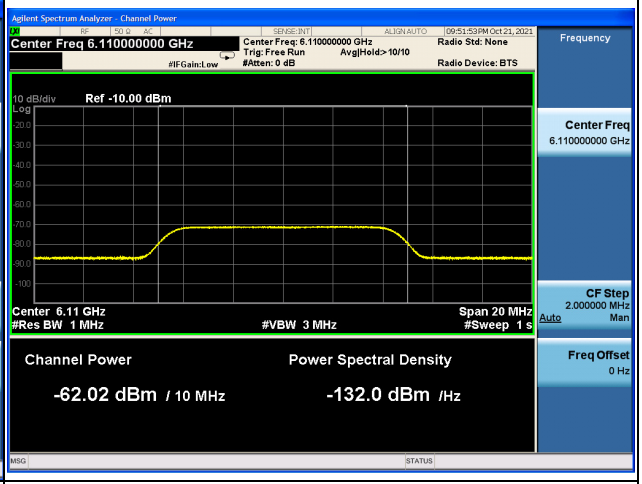
802.11ax (HE160) / CH 47



Plots of Incumbent signal (AWGN) Level

802.11ax (HE20) / CH 45

802.11ax (HE160) / CH 47 (Low Edge)



802.11ax (HE160) / CH 47 (Middle)

802.11ax (HE160) / CH 47 (High Edge)