CERTIFICATION TEST REPORT

Report Number. : 4790541040-E7V4

Applicant	:	SAMSUNG ELECTRONICS CO., LTD. 129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 16677, KOREA
Model	:	SM-S916B/DS, SM-S916B
FCC ID	:	A3LSMS916B
EUT Description	:	GSM/WCDMA/LTE/5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax, NFC, WPT and UWB
Test Standard(s)	:	FCC 47 CFR PART 15 SUBPART E 6 GHz LOW POWER DUAL CLIENT (6CD)

Date Of Issue:
2022-11-22

Prepared by:
UL Korea, Ltd.
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Suwon Test Site: UL Korea, Ltd. Suwon Laboratory
218 Maeyeong-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16675, Korea
TEL: (031) 337-9902
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IAS ACCREDITED
Testing Laboratory
TL-637

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2022-10-27	Initial issue	SunGeun Lee
V2	2022-11-08	Updated to address TCB's question	SunGeun Lee
V3	2022-11-10	Updated to address TCB's question	SunGeun Lee
V4	2022-11-22	Updated to address PAG Comment	SunGeun Lee

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME:	SAMSUNG ELECTRONICS CO., LTD.
EUT DESCRIPTION:	GSM/WCDMA/LTE/5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax, NFC WPT and UWB
MODEL NUMBER:	SM-S916B/DS, SM-S916B
SERIAL NUMBER:	R3CT8056G5X, R3CT8056GMW (CONDUCTED); R3CT90EXXSA, R3CT90EXV6, R3CT90BMQGP (RADIATED);
DATE TESTED:	2022-09-06 ~ 2022-11-22;

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

UL Korea, Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Korea, Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Korea, Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Korea, Ltd. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by IAS, any agency of the Federal Government, or any agency of any government.

Approved & Released For
UL Korea, Ltd. By:

Seokhwan Hong
Suwon Lab Engineer
UL Korea, Ltd.

Tested By:

Sungeun Lee
Suwon Lab Engineer
UL Korea, Ltd.

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with following methods.

1. FCC CFR 47 Part 2.
2. FCC CFR 47 Part 15.
3. KDB 789033 D02 General UNII Test Procedures New Rules v02r01
4. KDB 987594 D02 U-NII 6 GHz EMC Measurement v01v01
5. KDB 662911 D01 v02r01
6. ANSI C63.10-2013.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea. Line conducted emissions are measured only at the 218 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

218 Maeyeong-ro
☒ Chamber 1(3m semi-anechoic chamber)
☒ Chamber 2(3m semi-anechoic chamber)
☒ Chamber 3(3m semi-anechoic chamber)
☐ Chamber 4(3m Full-anechoic chamber)
☐ Chamber 5(3m Full-anechoic chamber)

UL Korea, Ltd. is accredited by IAS, Laboratory Code TL-637. The full scope of accreditation can be viewed at https://www.iasonline.org/wp-content/uploads/2017/05/TL-637-cert-New.pdf.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)
36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

Corrected Reading (dBuV) = Meter Reading (dBuV) + External Cable (dB) + Cableloss (dB)
46.62 dBuV + 9.8 dB + 0.1 dB = 56.52 dBuV

4.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	3.02 dB
Radiated Disturbance, 30 MHz to 1 GHz	4.05 dB
Radiated Disturbance, 1 GHz to 18 GHz	5.78 dB
Radiated Disturbance, 18 GHz to 40 GHz	5.58 dB

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

4.4. DECISION RULE

Decision rule for statement(s) of conformity is based on Procedure 2, Clause 4.4.3 in IEC Guide 115:2007.

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5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a GSM/WCDMA/LTE/5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax, NFC, WPT, and UWB.
This test report addresses the 6CD operational mode.

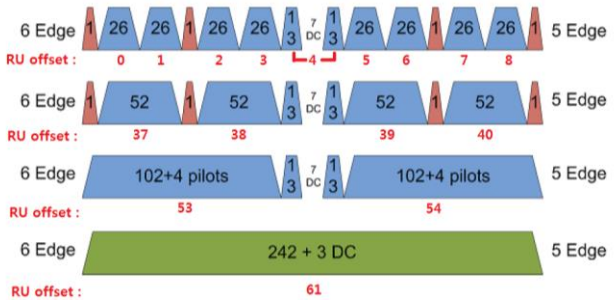
WiFi operating mode

Frequency rage	Mode	ANT1	ANT2
6GHz (5955 MHz ~ 7115 MHz)	802.11a SISO	TX/RX	TX/RX
	802.11a MIMO	TX/RX	TX/RX
	802.11ax SISO	TX/RX	TX/RX
	802.11ax MIMO	TX/RX	TX/RX

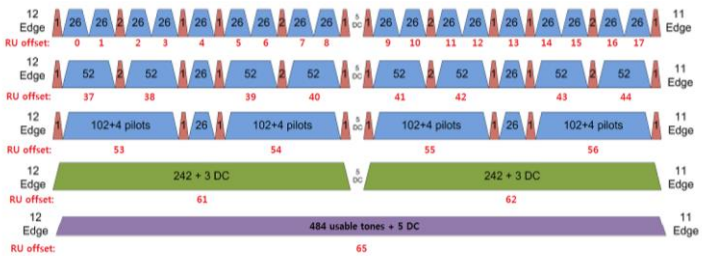
Simultaneous TX Condition

Please refer to the report '4790541040-E6 FCC Report UNII(a,n,ac,ax) WLAN'
6E Tx power is lower than 5GHz. Therefore, 5GHz set for final test.

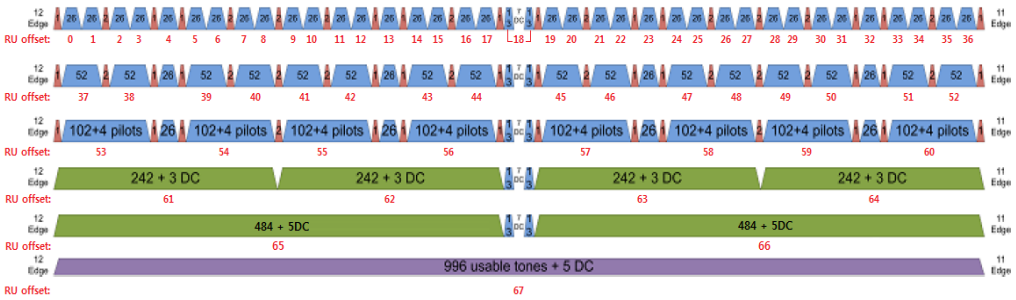
802.11ax RU allocations



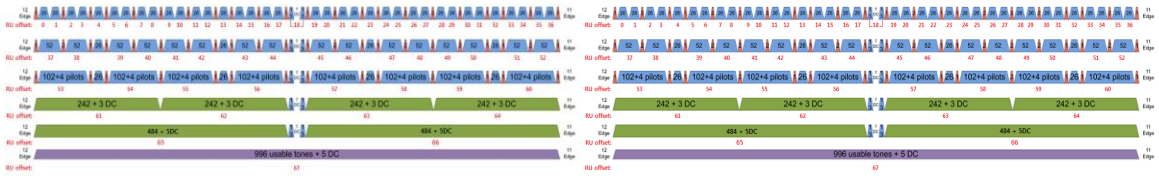
- HE 20 Mode -



- HE 40 Mode -



- HE 80 Mode -



- HE 160 Mode -

Test RU offset for tones in each modes

Mode	Tones	RU offset
HE20	26T	0
		4
		8
	52T	37
		38
		40
	106T	53
		54
	242T / SU Note 1	61 / -
HE40	26T	0
		9
		17
	52T	37
		41
		44
	106T	53
		54
		56
	242T	61
		62
	484T / SU Note 1	63 / -
HE80 / HE160 Note2	26T	0
		18
		36
	52T	37
		45
		52
	106T	53
		57
		60
	242T	61
		62
		64
	484T	65
		66
	996T / SU Note1	67 / -

Note 1: Full RU(Resource Unit) 242T mode and SU(Single Unit) mode have no difference in physical waveform. This report has been reported the SU mode with highest output power in MIMO.
Note 2: HE160 = HE80(Lower) + HE80(Upper)

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MAXIMUM OUTPUT POWER

The transmitter has a maximum total conducted average output power as follows:

Band	Frequency Range [MHz]	Mode	Output Power [dBm]	Output Power [mW]	Eirp [dBm]	Eirp [mW]
UNII-5 note1	5955 – 6415	802.11a MIMO note2	14.25	26.61	15.30	33.88
		802.11ax(HE20) MIMO note3	14.54	28.44	12.61	18.24
		802.11ax(HE40) MIMO note3	14.49	28.12	12.56	18.03
		802.11ax(HE80) MIMO note3	14.75	29.85	12.82	19.14
		802.11ax(HE160) MIMO note3	14.70	29.51	12.77	18.92
UNII-6	6435 – 6515	802.11a MIMO note2	10.58	11.43	10.48	11.17
		802.11ax(HE20) MIMO note3	10.44	11.07	7.34	5.42
		802.11ax(HE40) MIMO note3	11.52	14.19	8.42	6.95
		802.11ax(HE80) MIMO note3	11.43	13.90	8.33	6.81
		802.11ax(HE160) MIMO note3	11.29	13.46	8.19	6.59
UNII-7 note1	6535 – 6875	802.11a MIMO note2	14.24	26.55	12.95	19.72
		802.11ax(HE20) MIMO note3	14.54	28.44	10.36	10.86
		802.11ax(HE40) MIMO note3	14.61	28.91	10.43	11.04
		802.11ax(HE80) MIMO note3	14.08	25.59	9.90	9.77
		802.11ax(HE160) MIMO note3	14.37	27.35	10.19	10.45
UNII-8	6895 - 7115	802.11a MIMO note2	10.49	11.19	7.38	5.47
		802.11ax(HE20) MIMO note3	10.52	11.27	4.40	2.75
		802.11ax(HE40) MIMO note3	11.28	13.43	5.16	3.28
		802.11ax(HE80) MIMO note3	11.57	14.35	5.45	3.51
		802.11ax(HE160) MIMO note3	11.19	13.15	5.07	3.21

Note1: Standard Power supported.
Note2: Correlated Chains
Note3: Uncorrelated Chains

5.2. DESCRIPTION OF AVAILABLE ANTENNAS

An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

The internal antenna was Permanently attached.
Therefore this E.U.T Complies with the requirement of §15.203.

The radio utilizes a internal antenna, with a maximum gain of:

Frequency Band [MHz]	ANT1 Gain [dBi]	ANT2 Gain [dBi]	Correlated Chains Directional Gain [dBi]	Uncorrelated Chains Directional Gain [dBi]	Minimum Gain for CBP [dBi]
UNII 5 5925 – 6425	-1.28	-2.69	1.05	-1.93	-9.42
UNII 6 6425 – 6525	-2.82	-3.41	-0.10	-3.10	-11.46
UNII 7 6525 – 6875	-2.96	-5.89	-1.29	-4.18	-14.69
UNII 8 6875 - 7125	-5.90	-6.35	-3.11	-6.12	-13.40

"Wi-Fi 1" and "Wi-Fi 2" as indicated in antenna specification are written as ANT 1 and ANT 2 in this report.
Directional gain for the MIMO operations is determined using KDB 662911 D01 Multiple Transmitter Output section F (2)(d)(1) for *Unequal antenna gains, with equal transmit powers*. The gain is calculated using the formula for correlated transmissions across the two transmit antennas.
Correlated Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}]$ dBi.
Uncorrelated Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10}) / N_{ANT}]$ dBi.
Sample calculation for this device with $N_{ANT} = 2$
Correlated Directional gain = $10 \log[(10^{-5.93/20} + 10^{-5.17/20})^2 / 2] = -2.53$ dBi
Uncorrelated Directional gain = $10 \log[(10^{-5.93/10} + 10^{-5.17/10}) / 2] = -5.53$ dBi

5.3. WORST-CASE CONFIGURATION AND MODE

Radiated emission below 1GHz and power line conducted emission were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario.

Radiated emission above 1GHz was performed with the EUT set to transmit low/mid/high channels.

For MIMO, the fundamental of the EUT was investigated in three orthogonal orientations X, Y and Z it was determined that Y orientation was worst-case orientation; therefore, radiated testing was reported with the EUT in Y orientation.

- Worst case condition

ANT1	ANT2	ANT ALL
Axis	Axis	Axis
Y	Y	Y

Based on the baseline scan, the worst-case data rates were:

802.11a mode: 6 Mbps 2Tx	802.11ax HE20 mode: MCS0 2Tx
	802.11ax HE40 mode: MCS0 2Tx
	802.11ax HE80 mode: MCS0 2Tx

Radiation test for 802.11a & ax HE20 & HE40 & HE80 were evaluated at MIMO mode.

Note : All radiated and power line conducted tests were performed connected with charger for evaluation of worst case mode.

Worst-case selection criteria for 802.11ax test items :

- For the 26dB Bandwidth, it was tested at the SU Mode for each bandwidth. (Worst case)

Note : All radiated and power line conducted tests were performed connected with charger for evaluation of worst case mode.

Test case configuration for 802.11a, 802.11ax HE20 & 40 & 80 (SU) modes :

Mode	Band	Dual Client Power		Indoor Client Power	
		802.11a	802.11ax (SU)	802.11a	802.11ax (SU)
6GHz (20 MHz)	UNII-5	14	14	8	8
	UNII-6	-	-	10	10
	UNII-7	14	14	10	10
	UNII-8	-	-	10	10
6GHz (40 MHz)	UNII-5	-	14		11
	UNII-6	-	-		11
	UNII-7	-	14		11
	UNII-8	-	-		11
6GHz (80 MHz)	UNII-5	-	13		11
	UNII-6	-	-		11
	UNII-7	-	13		11
	UNII-8	-	-		11
6GHz (160 MHz)	UNII-5	-	13		11
	UNII-6	-	-		11
	UNII-7	-	13		11
	UNII-8	-	-		11

Band-Edge & Spurious Emission
Spurious Emission
Spot Check

Note. SISO mode is not supported.

Test case configuration for 802.11ax HE20 & 40 & 80 & 160 (RU) modes :

Band	Mode	Freq.	Tone	RU offset	Test Case MIMO
UNII-5	HE20	5955	26 T	0	
				4	
				8	
		6175		0	
				4	
				8	
		6415		0	-
				4	-
				8	O
	HE80	6385	26T	0	O
				18	-
				36	-
	HE160	6185	26T	0 L	O
				0 U	-
				36 U	-
UNII-6	HE20	6435	26 T	0	-
				4	-
				8	O
		6475		0	
				4	
				8	O
		6515		0	
				4	
				8	
UNII-7	HE20	6535	26 T	0	-
				4	O
				8	-
		6695		0	
				4	
				8	
		6875		0	
				4	
				8	
	HE40	6565	26 T	0	O
				9	-
				17	-
UNII-8	HE20	6895	26 T	0	
				4	
				8	
		6995		0	O
				4	-
				8	-
		7115		0	
				4	
				8	

Note1. Radiated spurious test was performed on 26T with worst power density.
Note2. Spot-check test was performed in HE40, HE80, HE160 modes. Because lower than power density of HE20.

5.4. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID**
Charger	SAMSUNG	EP-TA800	R37N9BV0382HM3	N/A
Data Cable	SAMSUNG	EP-DN980BBE	N/A	N/A

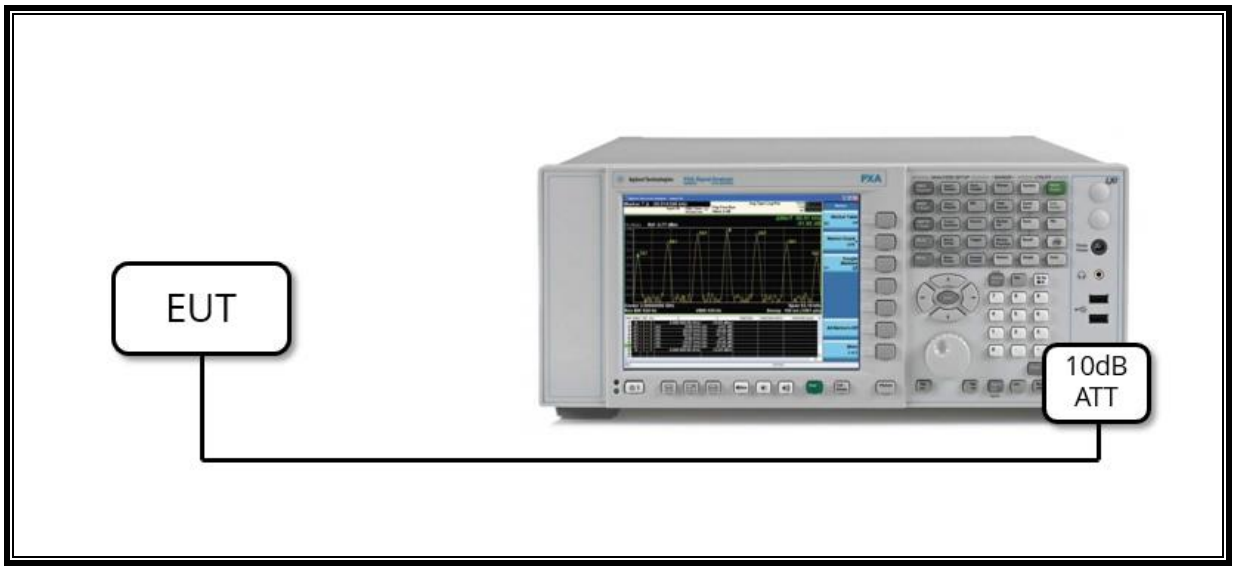
I/O CABLE

I/O Cable List						
Cable No.	**Port**	**# of identical ports**	**Connector Type**	**Cable Type**	**Cable Length (m)**	**Remarks**
1	DC Power	1	C Type	Shielded	1.0 m	N/A

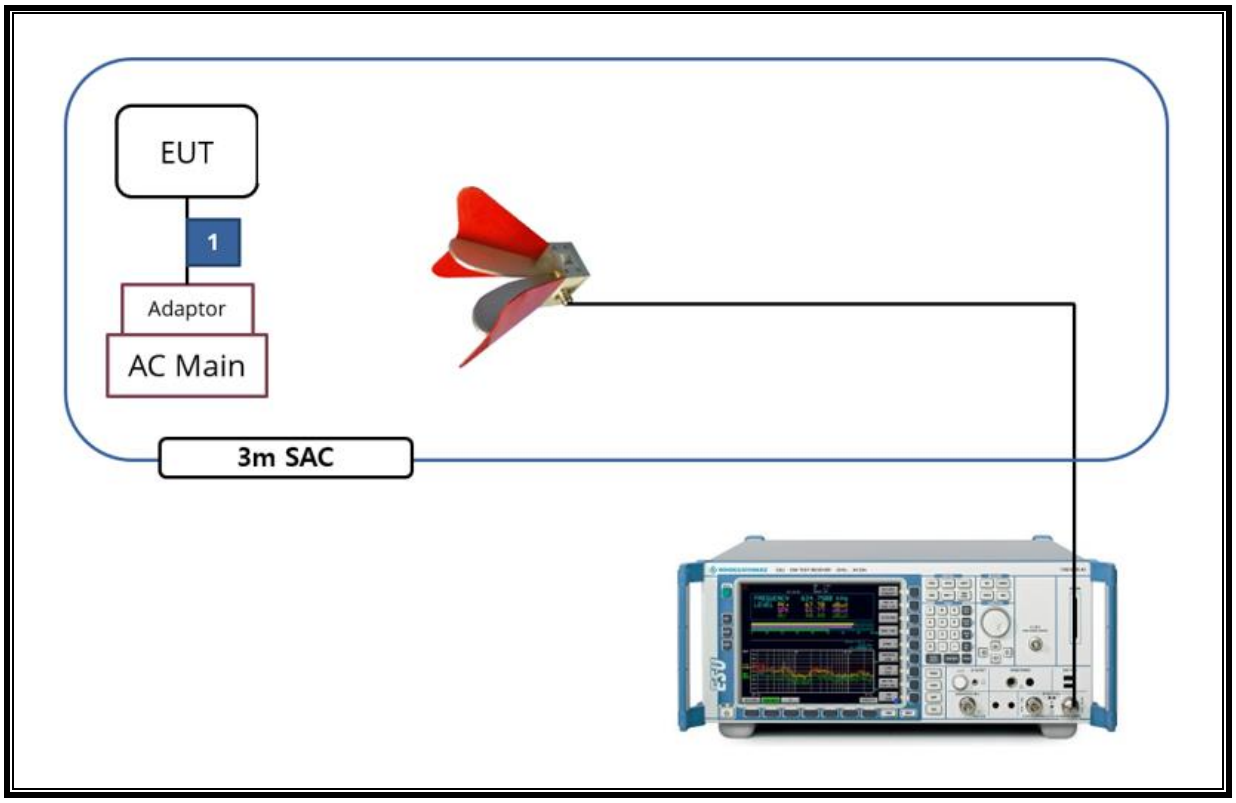
TEST SETUP

The EUT is a stand-alone unit during the tests.
Test software exercised the EUT to enable NII mode.

SETUP DIAGRAM FOR TESTS (CONDUCTED TEST SETUP)



SETUP DIAGRAM FOR TESTS (RADIATED TEST SETUP)



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6. TEST AND MEASUREMENT EQUIPMENT

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

Test Equipment List				
Description	**Manufacturer**	**Model**	**S/N**	**Cal Due**
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	750	2024-08-15
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	749	2024-08-15
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	845	2024-08-15
Antenna, Horn, 18 GHz	ETS	3115	00167211	2024-08-04
Antenna, Horn, 18 GHz	ETS	3115	00161451	2024-08-21
Antenna, Horn, 18 GHz	ETS	3117	00168724	2024-08-04
Antenna, Horn, 18 GHz	ETS	3117	00168717	2024-08-21
Antenna, Horn, 18 GHz	ETS	3117	00218957	2023-01-15
Antenna, Horn, 40 GHz	ETS	3116C	00166155	2024-08-02
Antenna, Horn, 40 GHz	ETS	3116C	00168645	2023-10-13
Preamplifier	ETS	3116C-PA	00168841	2023-08-04
Preamplifier, 1000 MHz	Sonoma	310N	341282	2023-08-02
Preamplifier, 1000 MHz	Sonoma	310N	351741	2023-08-02
Preamplifier, 1000 MHz	Sonoma	310N	370599	2023-08-02
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1876511	2023-08-02
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1896138	2023-08-01
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	2029169	2023-08-01
Spectrum Analyzer, 44 GHz	Agilent / HP	N9030A	MY54170614	2023-08-03
Spectrum Analyzer, 44 GHz	Agilent / HP	N9030A	MY54490312	2023-08-01
Spectrum Analyzer, 44 GHz	KEYSIGHT	N9030B	MY60070693	2023-01-18
Spectrum Analyzer, 44 GHz	KEYSIGHT	N9040B	MY60080268	2023-01-19
Average Power Sensor	Agilent / HP	U2000	MY54270007	2023-08-03
Average Power Sensor	Agilent / HP	U2000	MY54260010	2023-08-03
Attenuator	PASTERNACK	PE7087-10	A001	2023-08-03
Attenuator	PASTERNACK	PE7087-10	A008	2023-08-03
Attenuator	PASTERNACK	PE7004-10	2	2023-08-01
Attenuator	PASTERNACK	PE7087-10	A009	2023-08-03
EMI Test Receive, 40 GHz	R&S	ESU40	100439	2023-08-02
EMI Test Receive, 40 GHz	R&S	ESU40	100457	2023-07-29
EMI Test Receive, 3 GHz	R&S	ESR3	101832	2023-08-01
Notch Filter	Micro-Tronics	BRM50702-02	G037	2023-08-01
Notch Filter	Micro-Tronics	BRM50716-2	006	2023-08-01
Low Pass Filter 5GHz	Micro-Tronics	LPS17541	009	2023-08-02
Low Pass Filter 5GHz	Micro-Tronics	LPS17541	015	2023-08-01
Low Pass Filter 5GHz	Micro-Tronics	LPS17541	020	2023-08-01
High Pass Filter 3GHz	Micro-Tronics	HPM17543	010	2023-08-02
High Pass Filter 3GHz	Micro-Tronics	HPM17543	015	2023-08-02
High Pass Filter 3GHz	Micro-Tronics	HPM17543	020	2023-08-01
High Pass Filter 7.2 GHz	Micro-Tronics	HPM50107	G061	2023-01-07
High Pass Filter 7.2 GHz	Micro-Tronics	HPM50107	G062	2023-01-07
High Pass Filter 7.2 GHz	Micro-Tronics	HPM50107	G063	2023-01-07
LISN	R&S	ENV-216	101837	2023-08-04
Antenna, Loop, 9kHz-30MHz	R&S	HFH2-Z2	100418	2023-10-06
Termination	WEINSCHEL	M1406A	T09	2023-08-03
Attenuator	WEINSCHEL	WA76-30-21	A015	2023-08-03
Vector SG	R&S	SMW200A	110251	2023-08-04

UL Software			
Description	**Manufacturer**	**Model**	**Version**
Radiated software	UL	UL EMC	Ver 9.5
AC Line Conducted software	UL	UL EMC	Ver 9.5

7. SUMMARY TABLE

FCC Part Section	Test Description	Test Limit	Test Condition	Test Result
15.407(a)(10)	26dB Bandwidth	The maximum transmitter channel bandwidth for U-NII device in the 5.925 – 7.125 GHz band is 320 MHz	Condcuted	PASS
2.1046 15.407(a)(1)	TX Cond. Power	N/A		PASS
15.407(a)(8)	Maximum Power Spectral Density	< 17dBm/Mhz e.i.r.p for 6CD < -1dBm/MHz e.i.r.p for 6XD		PASS
15.407(a)(8)	Maximum Radiated Output Power	< 30 dBm over the frequency band of operation for 6CD < 24 dBm over the frequency band of operation for 6XD		PASS
15.407(b)(7)	In-band Emissions	EUT must meet the limits detailed in 15.407(b)(7)		PASS
15.407(d)(6)	Contention Based Protocol	EUT must detect AWGN signal with 90% (or better) certainty		PASS
15.407(b)(9)	AC Power Line conducted emissions	< FCC 15.207 lmits		PASS
15.407(b)(6)	Undesirable Emissions	< -27 dBm/MHz e.i.r.p outside of the 5.925 – 7.125 GHz Band	Radiated	PASS
15.205 15.209	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Emissions in restricted bands must meet the radiated limits detailed in 15.209		PASS

8. MEASUREMENT METHODS

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

26dB Emission BW : KDB 789033 D02 v02r01, Section II.C / KDB 987594 D02

99% Occupied BW : KDB 789033 D02 v02r01, Section II.D / KDB 987594 D02

Conducted Output Power : KDB 789033 D02 v02r01, Section II.E.3.b(Method PM-G) / KDB 987594 D02

Power Spectral Density : KDB 789033 D02 v02r01, Section II.F / KDB 987594 D02

In-Band Emissions : KDB 987594 D02

Unwanted emissions in restricted bands : KDB 789033 D02 v02r01, Section II.G.3 – II.G.6.

Unwanted emissions in non-restricted bands : KDB 789033 D02 v02r01, Section II.G.3 – II.G.6.

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

UL Korea, Ltd. Suwon Laboratory FORM ID: FCC_15E(04)
218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433

9. REFERENCE MEASUREMENTS RESULTS

9.1. ON TIME AND DUTY CYCLE RESULTS

Mode	On Time [ms]	Period [ms]	Duty Cycle X [Linear]	Duty Cycle X [%]	Duty Cycle Correction Factor[dB]
802.11a MIMO	2.823	2.927	0.964	96.447	0.16

Mode	ANT.	Tone	On Time [ms]	Period [ms]	Duty Cycle X [Linear]	Duty Cycle X [%]	Duty Cycle Correction Factor[dB]
802.11ax HE20	MIMO	26T	2.596	2.614	0.99	99.31	0.00
		52T	2.590	2.608	0.99	99.31	0.00
		106T	2.436	2.454	0.99	99.27	0.00
		SU	5.444	5.462	1.00	99.67	0.00
802.11ax HE40	MIMO	26T	2.562	2.620	0.98	97.79	0.00
		52T	2.554	2.606	0.98	98.00	0.00
		106T	2.386	2.456	0.97	97.15	0.13
		242T	2.368	2.414	0.98	98.09	0.00
		SU	5.436	5.474	0.99	99.31	0.00
802.11ax HE80	MIMO	26T	2.594	2.612	0.99	99.31	0.00
		52T	2.590	2.608	0.99	99.31	0.00
		106T	2.418	2.460	0.98	98.29	0.00
		242T	2.386	2.406	0.99	99.17	0.00
		484T	2.380	2.398	0.99	99.25	0.00
		SU	5.444	5.470	1.00	99.52	0.00
802.11ax HE160	MIMO	26T	2.558	2.610	0.98	98.01	0.00
		52T	2.560	2.608	0.98	98.16	0.00
		106T	2.400	2.446	0.98	98.12	0.00
		242T	2.356	2.404	0.98	98.00	0.00
		484T	2.378	2.400	0.99	99.08	0.00
		996T	2.418	2.436	0.99	99.26	0.00
		SU	5.438	5.464	1.00	99.52	0.00

Note. If the duty cycle is over 98%, compensation is not included in average measurement.

LIMITS

None; for reporting purposes only.

PROCEDURE

KDB 789033 D02 v02r01 Zero-Span Spectrum Analyzer Method.

UL Korea, Ltd. Suwon Laboratory FORM ID: FCC_15E(04)
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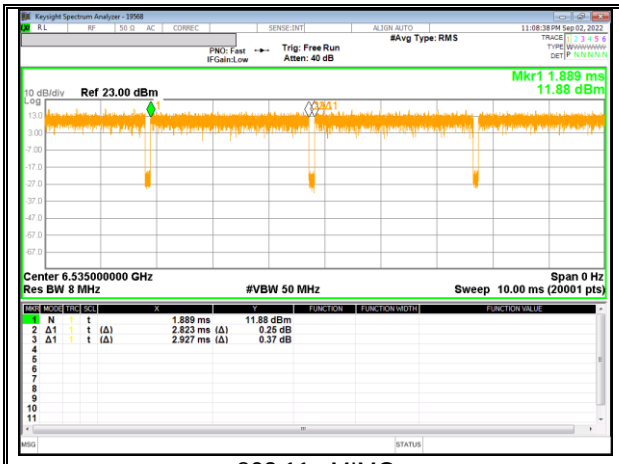
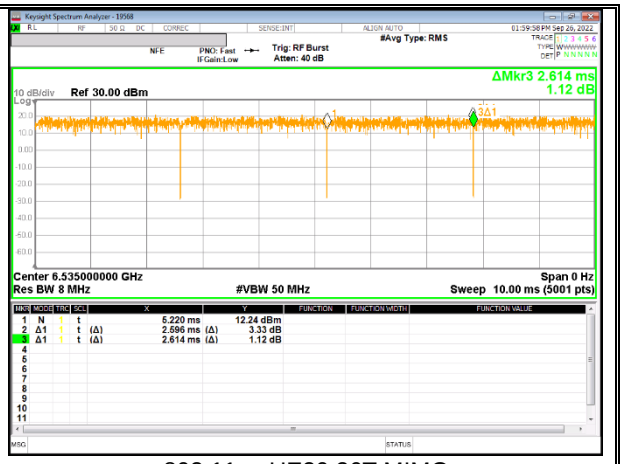
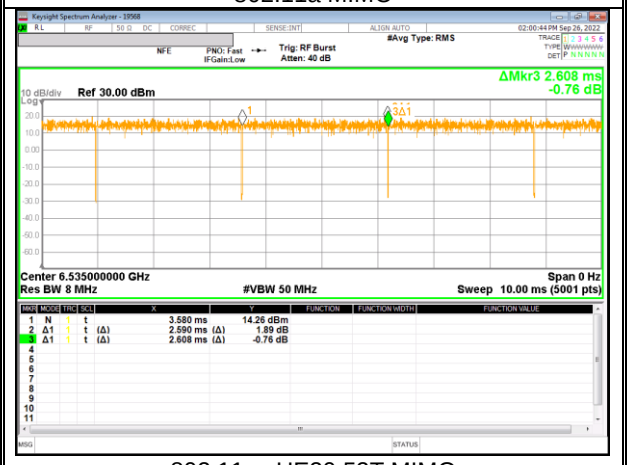
9.2. DUTY CYCLE PLOTS



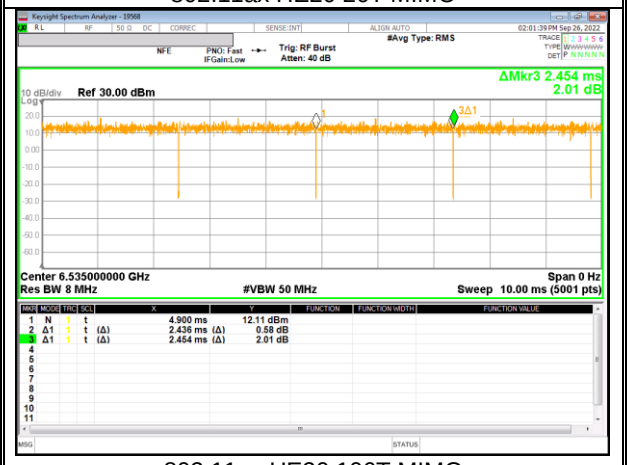
802.11a MIMO



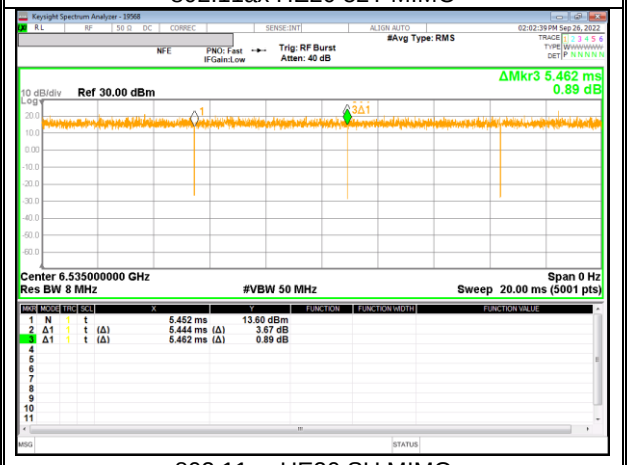
802.11ax HE20 26T MIMO



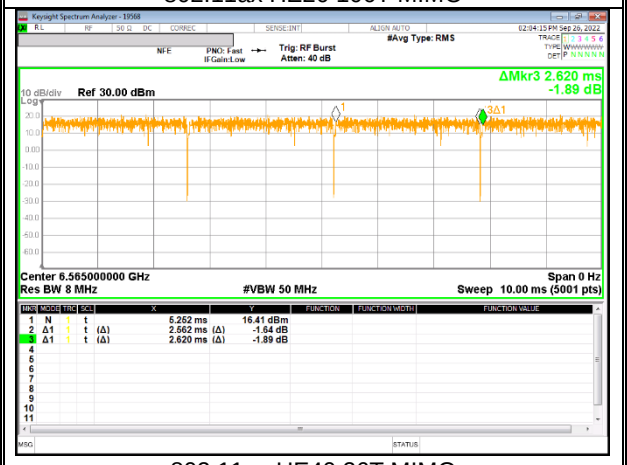
802.11ax HE20 52T MIMO



802.11ax HE20 106T MIMO

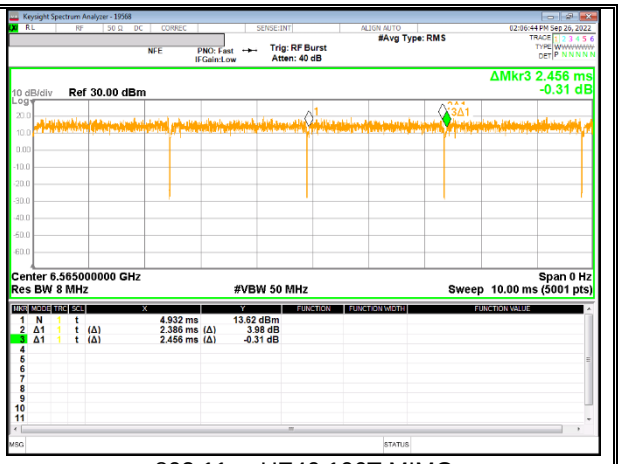


802.11ax HE20 SU MIMO



802.11ax HE40 26T MIMO

802.11ax HE40 52T MIMO



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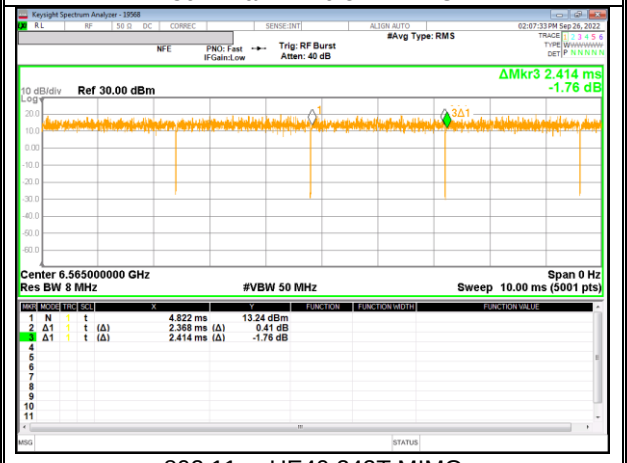
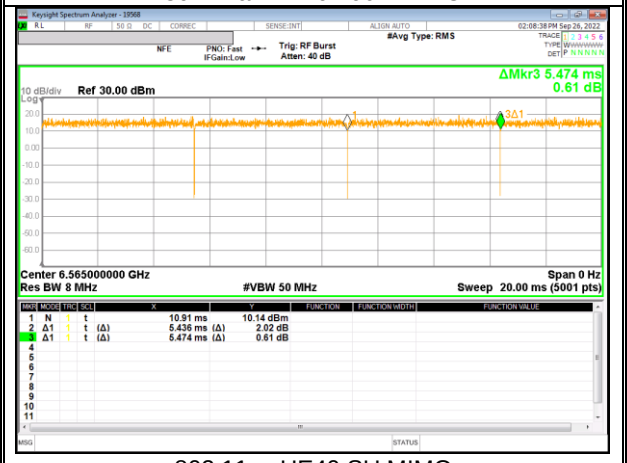


802.11ax HE40 242T MIMO



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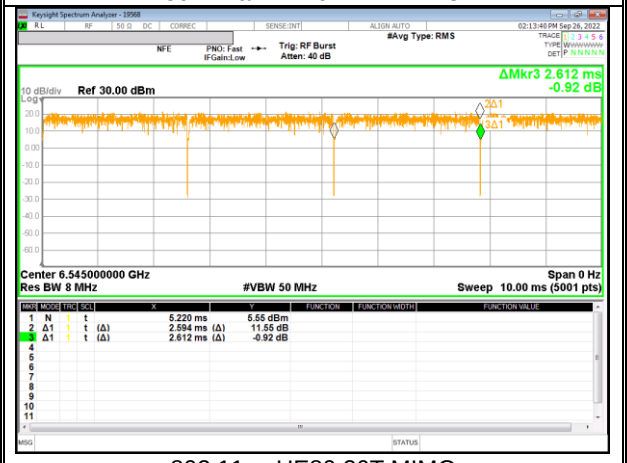
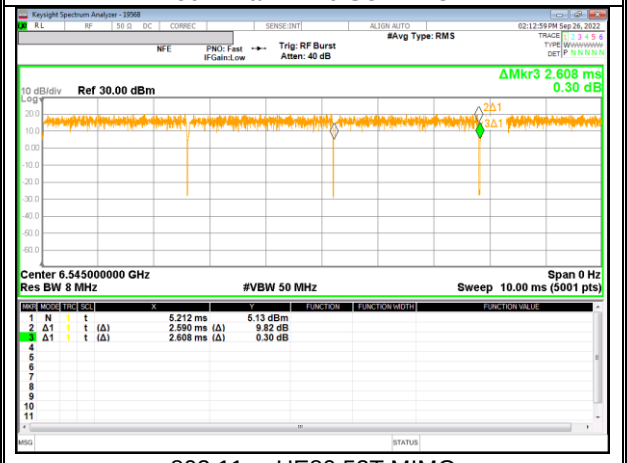


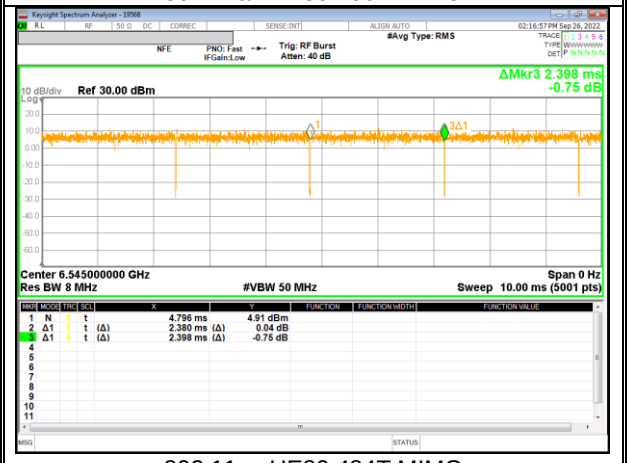
802.11ax HE80 26T MIMO



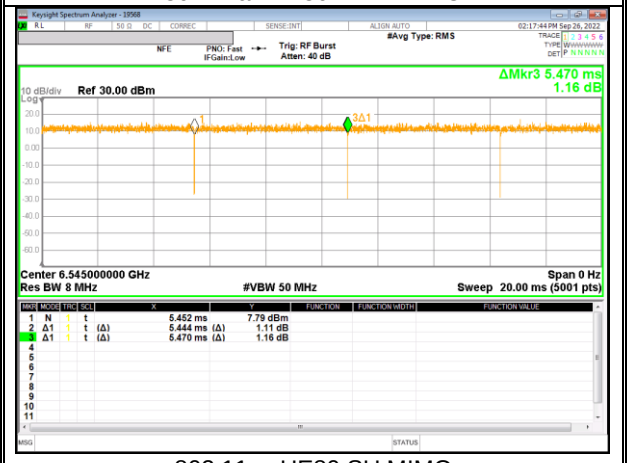
802.11ax HE80 52T MIMO

802.11ax HE80 106T MIMO

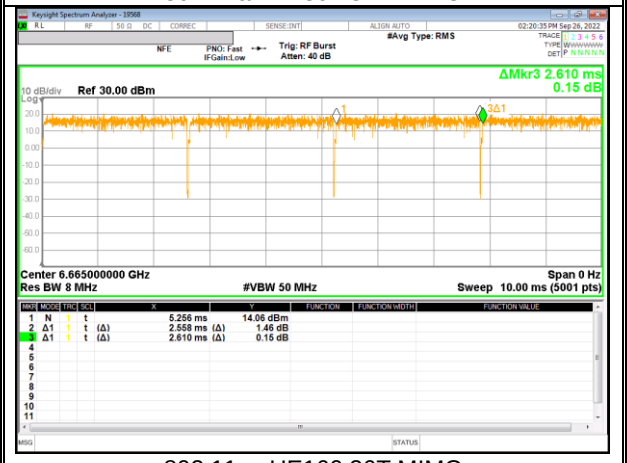
802.11ax HE80 242T MIMO



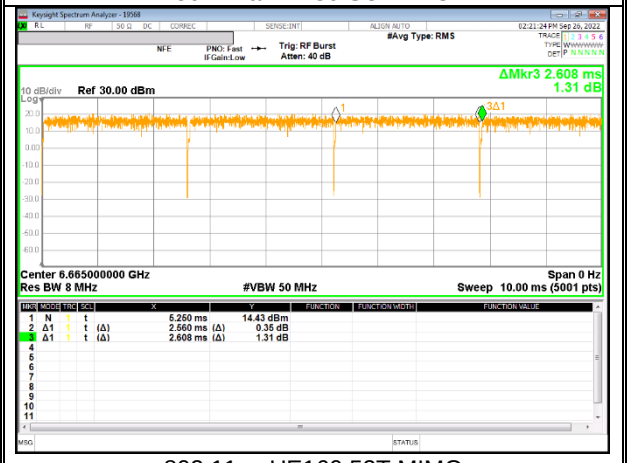
802.11ax HE80 484T MIMO



802.11ax HE80 SU MIMO

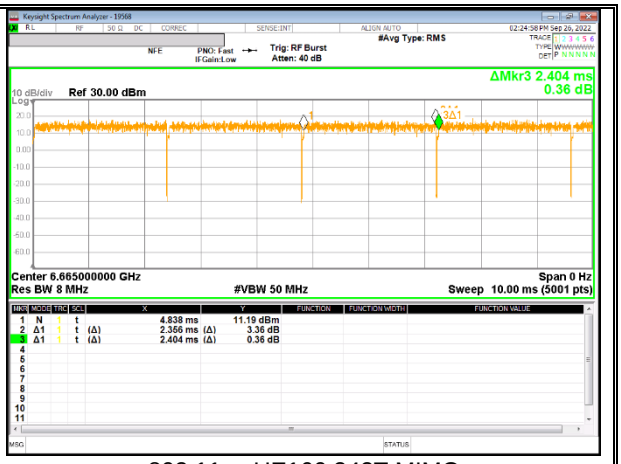


802.11ax HE160 26T MIMO

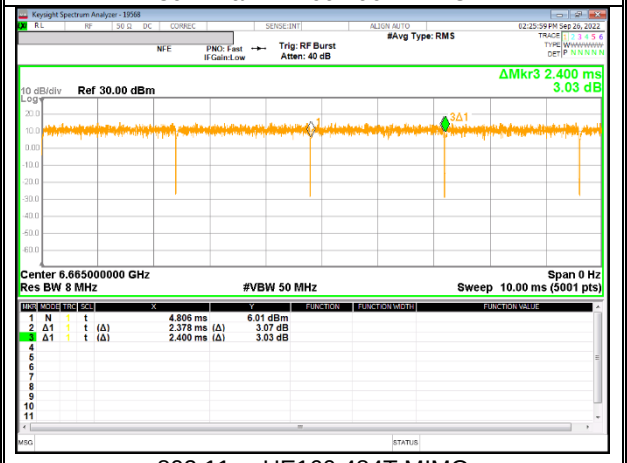


802.11ax HE160 52T MIMO

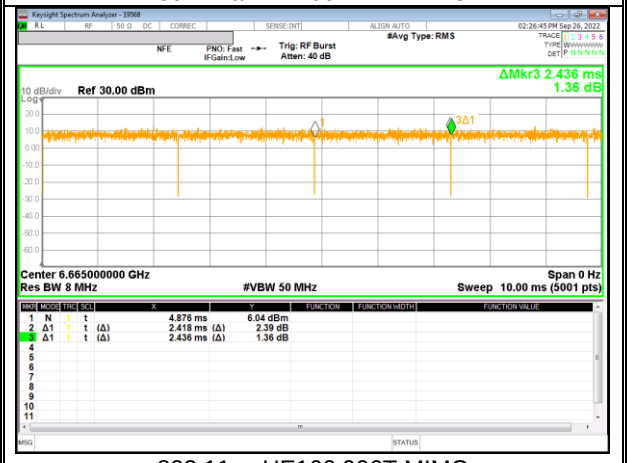
802.11ax HE160 106T MIMO



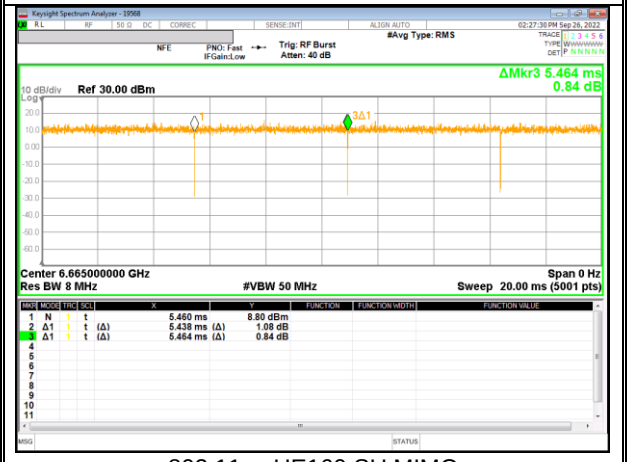
802.11ax HE160 242T MIMO



802.11ax HE160 484T MIMO



802.11ax HE160 996T MIMO



802.11ax HE160 SU MIMO

9.3. 26 dB BANDWIDTH

LIMITS

FCC §15.407 (a) (10)
The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

TEST PROCEDURE

Reference to 789033 D02 General UNII Test Procedures New Rules v02r01: The transmitter output is connected to a spectrum analyzer with the RBW set to approximately 1% of EBW, the VBW > RBW, peak detector and max hold.

RESULTS

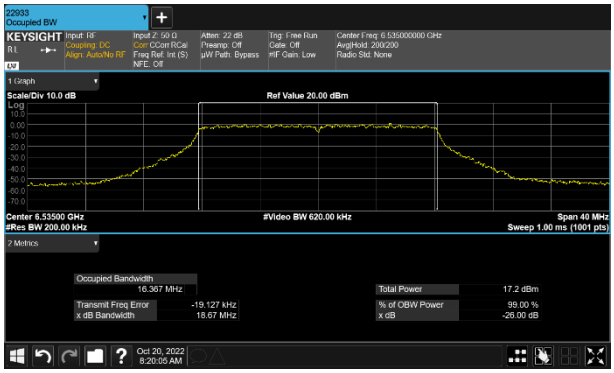
- Please refer to the next page

Note. As a result of 99% bandwidth test, the bandwidth not interfere each band.

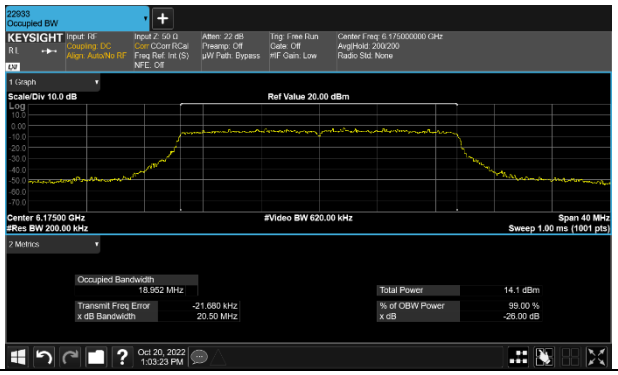
WORST CASE TEST PLOTS

- Please refer to the next page

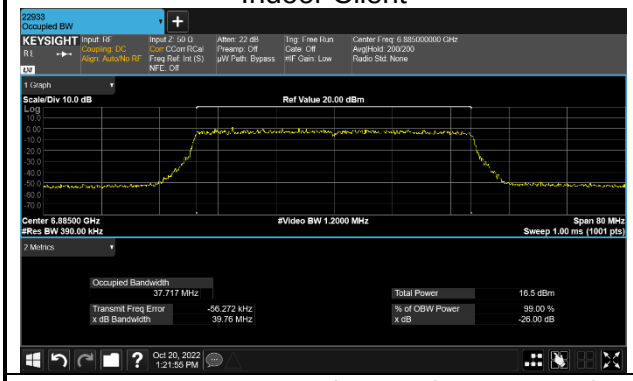
802.11a / ANT2 / 6535 MHz / Dual Client



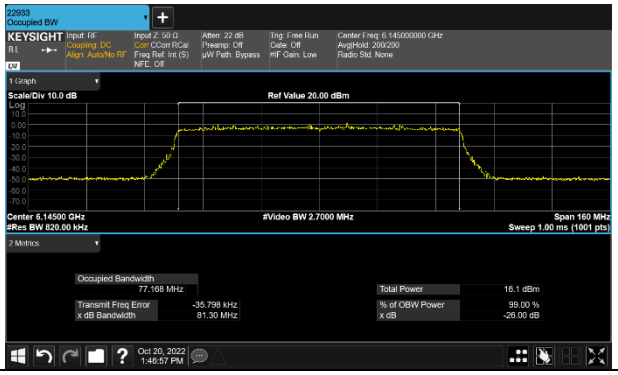
802.11ax HE20 SU / ANT1 / 6175 MHz / Indoor Client



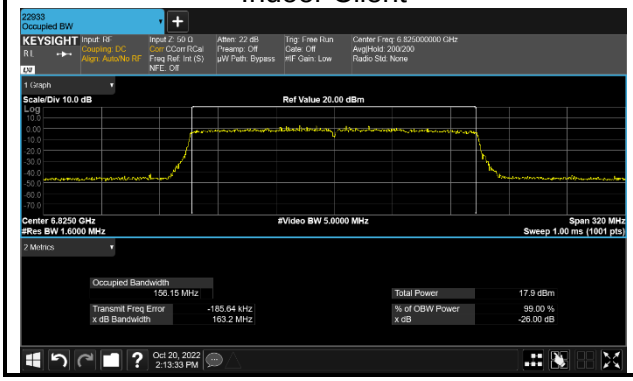
802.11ax HE40 SU / ANT2 / 6885 MHz / Indoor Client



802.11ax HE80 SU / ANT2 / 6145 MHz / Indoor Client



802.11ax HE160 SU / ANT2 / 6825 MHz / Indoor Client



9.3.1. 802.11a

Band	Ch.	Center Freq. [MHz]	26 dB BW [MHz]				Worst	99% BW [MHz]			
			Dual Client		Indoor Client			Dual Client		Indoor Client	
			ANT1	ANT2	ANT1	ANT2		ANT1	ANT2	ANT1	ANT2
UNII-5	1	5955	18.71	19.04	18.81	19.18	18.71	16.363	16.388	16.359	16.388
	45	6175	18.81	19.08	18.97	19.15		16.342	16.369	16.360	16.373
	93	6415	18.99	19.04	19.08	19.05		16.360	16.374	16.361	16.357
UNII-6	97	6435			18.84	18.93	18.84			16.369	16.373
	105	6475			18.86	19.25				16.360	16.378
	113	6515			18.86	18.85				16.361	16.362
UNII-7	117	6535	18.87	18.67	19.01	18.95	**18.67**	16.360	16.367	16.379	16.376
	149	6695	19.14	18.98	18.93	19.04		16.354	16.377	16.357	16.384
	181	6855	19.05	19.24				16.376	16.390		
	185	6875			18.87	19.28				16.370	16.376
UNII-8	189	6895			18.98	18.77	18.77			16.348	16.378
	209	6995			18.82	18.98				16.358	16.375
	233	7115			19.05	19.13				16.366	16.385

9.3.2. 802.11ax HE20

Band	Ch.	Center Freq. [MHz]	26 dB BW [MHz]				Worst	99% BW [MHz]			
			Dual Client		Indoor Client			Dual Client		Indoor Client	
			ANT1	ANT2	ANT1	ANT2		ANT1	ANT2	ANT1	ANT2
UNII-5	1	5955	21.02	20.76	20.79	20.59	**20.50**	18.904	18.906	18.942	18.947
	45	6175	21.15	21.04	20.50	20.83		18.978	18.926	18.952	18.946
	93	6415	21.03	20.67	20.93	20.74		18.953	18.941	18.922	18.971
UNII-6	97	6435			20.99	20.72	20.72			18.937	18.935
	105	6475			20.89	20.87				18.943	18.949
	113	6515			20.98	21.00				18.924	18.946
UNII-7	117	6535	20.89	20.81	20.71	20.82	20.57	18.922	18.914	18.928	18.947
	149	6695	21.14	20.57	20.83	20.89		18.937	18.932	18.904	18.921
	181	6855	20.97	20.94				18.943	18.924		
	185	6875			21.03	20.78				18.920	18.952
UNII-8	189	6895			21.00	20.51	20.51			18.912	18.955
	209	6995			20.72	20.75				18.905	18.920
	233	7115			20.97	21.29				18.935	18.947

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9.3.3. 802.11ax HE40

Band	Ch.	Center Freq. [MHz]	26 dB BW [MHz]				Worst	99% BW [MHz]			
			Dual Client		Indoor Client			Dual Client		Indoor Client	
			ANT1	ANT2	ANT1	ANT2		ANT1	ANT2	ANT1	ANT2
UNII-5	3	5965	40.43	40.22	39.97	40.15	39.84	37.712	37.754	37.720	37.811
	43	6165	40.28	40.20	39.89	40.52		37.748	37.715	37.831	37.690
	91	6405	40.16	40.42	40.25	39.84		37.661	37.743	37.766	37.802
UNII-6	99	6445			40.30	40.31	40.13			37.761	37.758
	115	6525			40.13	40.18				37.719	37.682
UNII-7	123	6565	40.27	40.13	40.46	40.07	40.00	37.725	37.739	37.769	37.761
	147	6685	40.16	40.13	40.18	40.44		37.785	37.723	37.708	37.770
	179	6845	40.61	40.26	40.12	40.00		37.766	37.755	37.744	37.711
UNII-8	187	6885			40.22	39.76	**39.76**			37.714	37.717
	203	6965			40.51	40.21				37.704	37.699
	227	7085			40.38	40.35				37.841	37.717

9.3.4. 802.11ax HE80

Band	Ch.	Center Freq. [MHz]	26 dB BW [MHz]				Worst	99% BW [MHz]			
			Dual Client		Indoor Client			Dual Client		Indoor Client	
			ANT1	ANT2	ANT1	ANT2		ANT1	ANT2	ANT1	ANT2
UNII-5	7	5985	82.60	81.82	82.21	81.96	**81.30**	77.277	77.065	77.240	77.092
	39	6145	81.98	81.55	82.32	81.30		77.143	77.131	77.166	77.168
	87	6385	81.49	81.91	82.17	82.37		77.179	77.222	77.063	77.142
UNII-6	103	6465			81.71	81.35	81.35			77.229	77.269
UNII-7	119	6545			81.93	82.19	81.45			77.319	77.243
	151	6705	82.20	81.45	82.09	81.89		77.231	77.122	77.127	77.061
	183	6865			82.10	81.62				77.242	77.143
UNII-8	199	6945			82.85	81.41	81.41			77.129	77.172
	215	7025			82.51	81.97				77.225	77.356

9.3.5. 802.11ax HE160

Band	Ch.	Center Freq. [MHz]	26 dB BW [MHz]				Worst	99% BW [MHz]			
			Dual Client		Indoor Client			Dual Client		Indoor Client	
			ANT1	ANT2	ANT1	ANT2		ANT1	ANT2	ANT1	ANT2
UNII-5	15	6025	164.9	165.1	164.4	164.5	164.0	155.97	156.22	156.10	156.07
	47	6185	165.8	164.2	165.0	164.0		156.25	156.06	156.03	156.10
	79	6345	164.4	164.1	164.0	164.7		156.04	155.93	155.77	156.26
UNII-6	111	6505			164.9	163.3	163.3			156.06	156.27
UNII-7	143	6665	163.7	164.0	165.4	164.3	**163.2**	155.90	155.84	156.00	156.05
	175	6825			164.8	163.2				156.02	156.15
UNII-8	207	6985			164.5	164.3	164.3			156.04	156.00

10. ANTENNA PORT TEST RESULTS

10.1. OUTPUT POWER AND PPSD

LIMITS

FCC §15.407 (a) (8)

For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed −1 dBm e.i.r.p. in any 1megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

TEST PROCEDURE

KDB 789033 Method PM is used for output power.

KDB 789033 Method SA-2 is used for only power of straddle Ch. and PPSD. RBW set to 1MHz, the VBW >= 3 x RBW, RMS detector and trace averaging. Band power function used for power and peak marker value of the spectrum is used for PSD.

DIRECTIONAL ANTENNA GAIN

For OUTPUT POWER and PSD: The TX chains are correlated and the antenna gains are unequal among the chains. The directional gain is:

Frequency Band [MHz]	ANT1 Gain [dBi]	ANT2 Gain [dBi]	Correlated Chains Directional Gain [dBi]	Uncorrelated Chains Directional Gain [dBi]
UNII 5 5925 – 6425	-1.28	-2.69	1.05	-1.93
UNII 6 6425 – 6525	-2.82	-3.41	-0.10	-3.10
UNII 7 6525 – 6875	-2.96	-5.89	-1.29	-4.18
UNII 8 6875 - 7125	-5.90	-6.35	-3.11	-6.12

10.1.1. 802.11a MODE

Output Power Results

- 6CD

Band	Channel	Freq. [MHz]	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
			ANT1	ANT2	MIMO			
UNII-5	1	5955	11.99	10.34	14.25	1.05	15.30	30.00
	45	6175	11.98	9.45	13.91	1.05	14.96	
	93	6415	11.50	10.70	14.13	1.05	15.18	
UNII-7	117	6535	11.28	11.17	14.24	-1.29	12.95	
	149	6695	11.08	10.47	13.80	-1.29	12.51	
	181	6855	11.37	10.07	13.78	-1.29	12.49	

-6XD

Band	Channel	Freq. [MHz]	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
			ANT1	ANT2	MIMO			
UNII-5	1	5955	5.83	4.16	8.09	1.05	9.14	24.00
	45	6175	5.71	3.80	7.87	1.05	8.92	
	93	6415	5.28	4.87	8.09	1.05	9.14	
UNII-6	97	6435	7.52	7.58	10.56	-0.10	10.46	
	105	6475	7.61	7.53	10.58	-0.10	10.48	
	113	6515	7.56	7.49	10.54	-0.10	10.44	
UNII-7	117	6535	7.57	7.51	10.55	-1.29	9.26	
	149	6695	7.44	7.00	10.24	-1.29	8.95	
	185	6875	7.73	7.19	10.48	-1.29	9.19	
UNII-8	189	6895	7.53	7.21	10.38	-3.11	7.27	
	209	6995	7.98	6.91	10.49	-3.11	7.38	
	233	7115	7.75	6.84	10.33	-3.11	7.22	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

PSD Results

- 6CD

Band	Channel	Freq. [MHz]	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
			ANT1	ANT2	MIMO				
UNII-5	1	5955	-0.192	-2.477	1.824	0.16	1.05	3.034	17.00
	45	6175	-0.188	-2.470	1.829	0.16	1.05	3.039	
	93	**6415**	**1.015**	**-1.019**	**3.126**	**0.16**	**1.05**	**4.336**	
UNII-7	117	6535	1.351	-0.804	3.416	0.16	-1.29	2.286	
	149	6695	0.628	-1.237	2.805	0.16	-1.29	1.675	
	181	6855	1.342	-0.652	3.469	0.16	-1.29	2.339	

- 6XD

Band	Channel	Freq. [MHz]	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
			ANT1	ANT2	MIMO				
UNII-5	1	5955	-6.131	-8.548	-4.163	0.16	1.05	-2.953	-1.00
	45	6175	-6.439	-9.087	-4.554	0.16	1.05	-3.344	
	93	6415	-6.254	-7.783	-3.941	0.16	1.05	-2.731	
UNII-6	**97**	**6435**	**-4.819**	**-5.061**	**-1.928**	**0.16**	**-0.10**	**-1.868**	
	105	6475	-5.259	-5.156	-2.197	0.16	-0.10	-2.137	
	113	6515	-4.878	-5.289	-2.068	0.16	-0.10	-2.008	
UNII-7	117	6535	-5.365	-5.394	-2.369	0.16	-1.29	-3.499	
	149	6695	-5.492	-6.287	-2.861	0.16	-1.29	-3.991	
	185	6875	-4.873	-5.541	-2.184	0.16	-1.29	-3.314	
UNII-8	189	6895	-4.903	-5.919	-2.371	0.16	-3.11	-5.321	
	209	6995	-3.469	-6.355	-1.666	0.16	-3.11	-4.616	
	233	7115	-1.388	-3.833	0.570	0.16	-3.11	-2.380	

Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain

10.1.2. 802.11ax HE20 MODE

Output Power Results

- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-5	1	5955	26T	0	9.50	9.09	12.31	-1.93	10.38	30.00
				4	9.71	9.13	12.44	-1.93	10.51	
				8	9.58	9.20	12.40	-1.93	10.47	
			52T	37	11.54	10.80	14.20	-1.93	12.27	
				38	11.82	11.14	14.50	-1.93	12.57	
				40	11.56	10.76	14.19	-1.93	12.26	
			106T	53	11.98	10.75	14.42	-1.93	12.49	
				54	11.97	10.73	14.40	-1.93	12.47	
			SU	-	11.75	10.21	14.06	-1.93	12.13	
	45	6175	26T	0	9.70	8.25	12.05	-1.93	10.12	
				4	9.58	8.26	11.98	-1.93	10.05	
				8	9.98	8.69	12.39	-1.93	10.46	
			52T	37	11.69	10.00	13.94	-1.93	12.01	
				38	11.99	10.07	14.15	-1.93	12.22	
				40	11.65	10.00	13.91	-1.93	11.98	
			106T	53	12.33	9.78	14.25	-1.93	12.32	
				54	12.28	9.77	14.21	-1.93	12.28	
			SU	-	11.99	9.52	13.94	-1.93	12.01	
	93	6415	26T	0	9.62	9.05	12.35	-1.93	10.42	
				4	9.45	9.12	12.30	-1.93	10.37	
				8	9.85	9.57	12.72	-1.93	10.79	
			52T	37	11.63	11.42	14.54	-1.93	12.61	
				38	11.34	11.18	14.27	-1.93	12.34	
				40	11.51	11.42	14.48	-1.93	12.55	
			106T	53	11.66	11.13	14.41	-1.93	12.48	
				54	11.56	11.14	14.37	-1.93	12.44	
			SU	-	11.30	10.60	13.97	-1.93	12.04	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-5	1	5955	26T	0	-1.94	-2.23	0.93	-1.93	-1.00	24.00
				4	-2.42	-2.66	0.47	-1.93	-1.46	
				8	-2.05	-2.20	0.89	-1.93	-1.04	
			52T	37	1.05	0.85	3.96	-1.93	2.03	
				38	0.81	0.61	3.72	-1.93	1.79	
				40	0.99	0.88	3.95	-1.93	2.02	
			106T	53	4.61	2.78	6.80	-1.93	4.87	
				54	4.64	2.70	6.79	-1.93	4.86	
			SU	-	5.98	4.35	8.25	-1.93	6.32	
	45	6175	26T	0	-1.13	-3.23	0.96	-1.93	-0.97	
				4	-1.58	-3.69	0.50	-1.93	-1.43	
				8	-1.13	-3.23	0.96	-1.93	-0.97	
			52T	37	1.80	-0.32	3.88	-1.93	1.95	
				38	1.50	-0.56	3.60	-1.93	1.67	
				40	1.72	-0.36	3.81	-1.93	1.88	
			106T	53	4.76	2.24	6.69	-1.93	4.76	
				54	4.67	2.24	6.63	-1.93	4.70	
			SU	-	5.99	3.48	7.92	-1.93	5.99	
	93	6415	26T	0	-2.37	-1.76	0.96	-1.93	-0.97	
				4	-2.76	-2.23	0.52	-1.93	-1.41	
				8	-2.27	-1.82	0.97	-1.93	-0.96	
			52T	37	1.32	0.35	3.87	-1.93	1.94	
				38	1.01	0.07	3.58	-1.93	1.65	
				40	1.15	0.31	3.76	-1.93	1.83	
			106T	53	4.21	3.39	6.83	-1.93	4.90	
				54	4.05	3.35	6.72	-1.93	4.79	
			SU	-	5.87	5.05	8.49	-1.93	6.56	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-6	97	6435	26T	0	-1.17	-1.79	1.54	-3.10	-1.56	24.00
				4	-1.58	-2.26	1.10	-3.10	-2.00	
				8	-1.08	-1.83	1.57	-3.10	-1.53	
			52T	37	1.30	0.85	4.09	-3.10	0.99	
				38	1.37	0.62	4.02	-3.10	0.92	
				40	1.62	0.82	4.25	-3.10	1.15	
			106T	53	4.90	4.63	7.78	-3.10	4.68	
				54	4.83	4.66	7.76	-3.10	4.66	
			SU	-	6.68	7.44	10.09	-3.10	6.99	
	105	6475	26T	0	-1.16	-3.24	0.93	-3.10	-2.17	
				4	-1.59	-3.73	0.48	-3.10	-2.62	
				8	-1.06	-3.30	0.97	-3.10	-2.13	
			52T	37	1.69	0.12	3.99	-3.10	0.89	
				38	1.97	0.40	4.27	-3.10	1.17	
				40	1.57	0.07	3.89	-3.10	0.79	
			106T	53	4.55	3.13	6.91	-3.10	3.81	
				54	4.44	3.12	6.84	-3.10	3.74	
			SU	-	7.00	7.82	10.44	-3.10	7.34	
	113	6515	26T	0	-1.50	-4.03	0.43	-3.10	-2.67	
				4	-1.41	-4.07	0.47	-3.10	-2.63	
				8	-1.33	-4.20	0.48	-3.10	-2.62	
			52T	37	1.83	0.48	4.22	-3.10	1.12	
				38	1.60	0.24	3.98	-3.10	0.88	
				40	1.65	0.44	4.10	-3.10	1.00	
			106T	53	4.55	3.45	7.05	-3.10	3.95	
				54	4.44	3.41	6.97	-3.10	3.87	
			SU	-	6.82	7.56	10.22	-3.10	7.12	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-7	117	6535	26T	0	9.39	9.80	12.61	-4.18	8.43	30.00
				4	9.55	9.80	12.69	-4.18	8.51	
				8	9.24	9.74	12.51	-4.18	8.33	
			52T	37	11.44	11.61	14.54	-4.18	10.36	
				38	11.16	11.36	14.27	-4.18	10.09	
				40	11.27	11.54	14.42	-4.18	10.24	
			106T	53	11.52	11.53	14.54	-4.18	10.36	
				54	11.42	11.53	14.49	-4.18	10.31	
			SU	-	11.15	11.02	14.10	-4.18	9.92	
	149	6695	26T	0	9.62	9.58	12.61	-4.18	8.43	
				4	9.07	9.12	12.11	-4.18	7.93	
				8	9.53	9.58	12.57	-4.18	8.39	
			52T	37	11.64	11.40	14.53	-4.18	10.35	
				38	11.37	11.18	14.29	-4.18	10.11	
				40	11.56	11.40	14.49	-4.18	10.31	
			106T	53	11.12	11.10	14.12	-4.18	9.94	
				54	11.05	11.10	14.09	-4.18	9.91	
			SU	-	10.80	10.57	13.70	-4.18	9.52	
	181	6855	26T	0	9.78	8.45	12.18	-4.18	8.00	
				4	9.67	8.36	12.07	-4.18	7.89	
				8	9.56	8.31	11.99	-4.18	7.81	
			52T	37	11.63	10.14	13.96	-4.18	9.78	
				38	11.77	10.39	14.14	-4.18	9.96	
				40	11.40	10.00	13.77	-4.18	9.59	
			106T	53	11.54	10.08	13.88	-4.18	9.70	
				54	11.41	10.02	13.78	-4.18	9.60	
			SU	-	11.67	10.01	13.93	-4.18	9.75	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

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- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-7	117	6535	26T	0	-1.24	-2.22	1.31	-4.18	-2.87	24.00
				4	-1.63	-2.73	0.87	-4.18	-3.31	
				8	-1.11	-2.37	1.32	-4.18	-2.86	
			52T	37	1.54	0.99	4.28	-4.18	0.10	
				38	1.27	0.75	4.03	-4.18	-0.15	
				40	1.42	0.93	4.19	-4.18	0.01	
			106T	53	4.92	4.37	7.66	-4.18	3.48	
				54	4.83	4.27	7.57	-4.18	3.39	
			SU	-	7.32	7.86	10.61	-4.18	6.43	
	149	6695	26T	0	-2.50	-2.11	0.71	-4.18	-3.47	
				4	-2.35	-2.00	0.84	-4.18	-3.34	
				8	-2.44	-2.07	0.76	-4.18	-3.42	
			52T	37	1.25	0.97	4.12	-4.18	-0.06	
				38	1.50	1.24	4.38	-4.18	0.20	
				40	1.65	1.44	4.56	-4.18	0.38	
			106T	53	4.58	4.26	7.43	-4.18	3.25	
				54	4.53	4.26	7.41	-4.18	3.23	
			SU	-	7.61	7.44	10.54	-4.18	6.36	
	185	6875	26T	0	-2.81	-1.42	0.95	-4.18	-3.23	
				4	-2.85	-1.46	0.91	-4.18	-3.27	
				8	-2.42	-1.07	1.32	-4.18	-2.86	
			52T	37	1.58	0.85	4.24	-4.18	0.06	
				38	1.35	0.57	3.99	-4.18	-0.19	
				40	1.57	0.71	4.17	-4.18	-0.01	
			106T	53	4.42	3.84	7.15	-4.18	2.97	
				54	4.41	3.78	7.12	-4.18	2.94	
			SU	-	7.83	7.31	10.59	-4.18	6.41	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-8	189	6895	26T	0	-2.27	-1.83	0.97	-6.12	-5.15	24.00
				4	-2.78	-2.37	0.44	-6.12	-5.68	
				8	-2.32	-2.03	0.84	-6.12	-5.28	
			52T	37	1.70	0.31	4.07	-6.12	-2.05	
				38	1.42	0.02	3.79	-6.12	-2.33	
				40	1.67	0.15	3.99	-6.12	-2.13	
			106T	53	4.35	3.28	6.86	-6.12	0.74	
				54	4.34	3.20	6.82	-6.12	0.70	
			SU	-	7.76	7.24	10.52	-6.12	4.40	
	209	6995	26T	0	-1.14	-2.13	1.40	-6.12	-4.72	
				4	-1.58	-2.71	0.90	-6.12	-5.22	
				8	-1.12	-2.31	1.34	-6.12	-4.78	
			52T	37	1.65	-1.20	3.47	-6.12	-2.65	
				38	1.43	-1.48	3.22	-6.12	-2.90	
				40	1.68	-1.40	3.42	-6.12	-2.70	
			106T	53	4.51	1.78	6.37	-6.12	0.25	
				54	4.55	1.63	6.34	-6.12	0.22	
			SU	-	7.63	5.43	9.68	-6.12	3.56	
	233	7115	26T	0	-1.12	-2.93	1.08	-6.12	-5.04	
				4	-1.14	-2.98	1.05	-6.12	-5.07	
				8	-1.21	-3.08	0.97	-6.12	-5.15	
			52T	37	1.86	-1.50	3.51	-6.12	-2.61	
				38	1.61	-1.80	3.24	-6.12	-2.88	
				40	1.80	-1.71	3.40	-6.12	-2.72	
			106T	53	4.67	1.46	6.37	-6.12	0.25	
				54	4.63	1.34	6.30	-6.12	0.18	
			SU	-	7.99	5.42	9.90	-6.12	3.78	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

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PSD Results
- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	1	5955	26T	0	6.902	5.049	9.084	-	-1.93	7.154	17.00
				4	5.507	3.235	7.528	-	-1.93	5.598	
				8	6.849	4.558	8.863	-	-1.93	6.933	
			SU	-	-0.321	-2.710	1.657	-	-1.93	-0.273	
	45	6175	26T	0	6.592	4.335	8.619	-	-1.93	6.689	
				4	5.259	3.047	7.303	-	-1.93	5.373	
				8	7.084	4.620	9.035	-	-1.93	7.105	
			SU	-	0.046	-3.162	1.742	-	-1.93	-0.188	
	93	**6415**	**26T**	0	7.825	5.736	9.915	-	-1.93	7.985	
				4	6.626	4.925	8.869	-	-1.93	6.939	
				8	**8.471**	**6.247**	**10.510**	**-**	**-1.93**	**8.580**	
			SU	-	0.669	-1.283	2.812	-	-1.93	0.882	
UNII-7	117	6535	26T	0	8.411	6.235	10.468	-	-4.18	6.288	
				4	7.252	5.007	9.283	-	-4.18	5.103	
				8	8.123	6.307	10.320	-	-4.18	6.140	
			SU	-	0.980	-1.304	2.997	-	-4.18	-1.183	
	149	6695	26T	0	7.833	6.714	10.320	-	-4.18	6.140	
				4	6.310	5.091	8.753	-	-4.18	4.573	
				8	7.904	6.541	10.286	-	-4.18	6.106	
			SU	-	0.209	-1.540	2.432	-	-4.18	-1.748	
	181	6855	26T	0	7.170	6.348	9.789	-	-4.18	5.609	
				4	6.049	5.396	8.745	-	-4.18	4.565	
				8	6.618	6.120	9.386	-	-4.18	5.206	
			SU	-	0.139	-0.983	2.624	-	-4.18	-1.556	

* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain

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- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	1	5955	26T	0	-4.550	-6.189	-2.282	-	-1.28	-3.562	-1.00
				4	-5.472	-7.707	-3.437	-	-1.28	-4.717	
				8	-4.487	-6.160	-2.233	-	-1.28	-3.513	
			SU	-	-5.497	-8.033	-3.572	-	-1.28	-4.852	
	45	6175	26T	0	-4.367	-6.437	-2.270	-	-1.28	-3.550	
				4	-5.412	-8.029	-3.516	-	-1.28	-4.796	
				8	-4.249	-6.553	-2.240	-	-1.28	-3.520	
			SU	-	-5.280	-8.116	-3.460	-	-1.28	-4.740	
	93	**6415**	**26T**	0	-3.606	-5.139	-1.295	-	-1.28	-2.575	
				4	-4.395	-6.680	-2.379	-	-1.28	-3.659	
				8	**-3.422**	**-4.968**	**-1.116**	**-**	**-1.28**	**-2.396**	
			SU	-	-3.776	-5.899	-1.699	-	-1.28	-2.979	
UNII-6	97	6435	26T	0	-2.474	-4.767	-0.461	-	-2.82	-3.281	
				4	-3.717	-6.346	-1.825	-	-2.82	-4.645	
				8	-2.363	-4.757	-0.387	-	-2.82	-3.207	
			SU	-	-3.568	-4.641	-1.061	-	-2.82	-3.881	
	105	6475	26T	0	-2.311	-6.482	-0.904	-	-2.82	-3.724	
				4	-4.212	-7.786	-2.631	-	-2.82	-5.451	
				8	-2.417	-6.917	-1.098	-	-2.82	-3.918	
			SU	-	-3.228	-4.543	-0.826	-	-2.82	-3.646	
	113	6515	26T	0	-2.421	-7.141	-1.159	-	-2.82	-3.979	
				4	-3.931	-8.795	-2.705	-	-2.82	-5.525	
				8	-2.218	-7.437	-1.076	-	-2.82	-3.896	
			SU	-	-2.991	-4.773	-0.781	-	-2.82	-3.601	
UNII-7	117	6535	26T	0	-2.530	-5.513	-0.760	-	-2.96	-3.720	
				4	-4.251	-7.412	-2.540	-	-2.96	-5.500	
				8	-2.712	-5.811	-0.980	-	-2.96	-3.940	
			SU	-	-2.791	-4.382	-0.504	-	-2.96	-3.464	
	149	6695	26T	0	-4.127	-4.631	-1.361	-	-2.96	-4.321	
				4	-5.369	-6.198	-2.753	-	-2.96	-5.713	
				8	-3.847	-4.769	-1.273	-	-2.96	-4.233	
			SU	-	-2.533	-4.377	-0.348	-	-2.96	-3.308	
	185	6875	26T	0	-4.271	-4.076	-1.162	-	-2.96	-4.122	
				4	-5.683	-5.635	-2.649	-	-2.96	-5.609	
				8	-4.569	-4.275	-1.409	-	-2.96	-4.369	
			SU	-	-3.307	-4.675	-0.927	-	-2.96	-3.887	
UNII-8	189	6895	26T	0	-5.057	-5.320	-2.176	-	-5.90	-8.076	
				4	-6.752	-6.775	-3.753	-	-5.90	-9.653	
				8	-5.351	-5.224	-2.277	-	-5.90	-8.177	
			SU	-	-4.358	-5.222	-1.758	-	-5.90	-7.658	
	209	6995	26T	0	-5.054	-5.431	-2.228	-	-5.90	-8.128	
				4	-6.712	-7.011	-3.849	-	-5.90	-9.749	
				8	-4.884	-5.546	-2.192	-	-5.90	-8.092	
			SU	-	-5.223	-6.815	-2.936	-	-5.90	-8.836	
	233	7115	26T	0	-5.921	-7.003	-3.418	-	-5.90	-9.318	
				4	-6.514	-8.338	-4.321	-	-5.90	-10.221	
				8	-5.706	-6.828	-3.221	-	-5.90	-9.121	
			SU	-	-4.854	-7.155	-2.844	-	-5.90	-8.744	

* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain

10.1.3. 802.11ax HE40 MODE

Output Power Results
- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-5	3	5965	26T	0	9.78	8.75	12.31	-1.28	11.03	30.00
				9	9.60	8.40	12.05	-1.28	10.77	
				17	9.86	8.54	12.26	-1.28	10.98	
			52T	37	11.84	10.76	14.34	-1.28	13.06	
				41	11.75	10.42	14.15	-1.28	12.87	
				44	11.95	10.54	14.31	-1.28	13.03	
			106T	53	11.98	10.92	14.49	-1.28	13.21	
				54	11.86	10.71	14.33	-1.28	13.05	
				56	11.98	10.78	14.43	-1.28	13.15	
			242T	61	11.83	10.78	14.35	-1.28	13.07	
				62	11.92	10.67	14.35	-1.28	13.07	
			SU	-	11.65	10.45	14.10	-1.28	12.82	
	43	6165	26T	0	9.61	7.27	11.61	-1.28	10.33	
				9	9.33	6.86	11.28	-1.28	10.00	
				17	9.51	7.00	11.44	-1.28	10.16	
			52T	37	11.99	9.03	13.77	-1.28	12.49	
				41	11.79	8.66	13.51	-1.28	12.23	
				44	11.94	8.80	13.66	-1.28	12.38	
			106T	53	11.94	9.62	13.94	-1.28	12.66	
				54	10.80	9.34	13.14	-1.28	11.86	
				56	11.90	9.52	13.88	-1.28	12.60	
			242T	61	11.80	9.40	13.77	-1.28	12.49	
				62	11.76	9.35	13.73	-1.28	12.45	
			SU	-	11.99	10.01	14.12	-1.28	12.84	
	91	6405	26T	0	9.66	8.23	12.01	-1.28	10.73	
				9	9.28	8.01	11.70	-1.28	10.42	
				17	9.41	8.22	11.87	-1.28	10.59	
			52T	37	11.56	10.24	13.96	-1.28	12.68	
				41	11.16	10.04	13.65	-1.28	12.37	
				44	11.24	10.24	13.78	-1.28	12.50	
			106T	53	11.27	10.75	14.03	-1.28	12.75	
				54	11.06	10.60	13.85	-1.28	12.57	
				56	11.08	10.75	13.93	-1.28	12.65	
			242T	61	11.13	10.62	13.89	-1.28	12.61	
				62	11.02	10.70	13.87	-1.28	12.59	
			SU	-	11.45	11.23	14.35	-1.28	13.07	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

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- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-5	3	5965	26T	0	-1.57	-2.33	1.077	-1.28	-0.20	24.00
				9	-1.88	-2.61	0.781	-1.28	-0.50	
				17	-1.67	-2.33	1.023	-1.28	-0.26	
			52T	37	1.32	0.53	3.953	-1.28	2.67	
				41	1.01	0.31	3.684	-1.28	2.40	
				44	1.15	0.50	3.847	-1.28	2.57	
			106T	53	4.61	2.52	6.700	-1.28	5.42	
				54	4.90	2.60	6.911	-1.28	5.63	
				56	4.98	2.64	6.976	-1.28	5.70	
			242T	61	7.74	6.80	10.306	-1.28	9.03	
				62	7.80	6.70	10.295	-1.28	9.02	
			SU	-	8.58	7.46	11.066	-1.28	9.79	
	43	6165	26T	0	-0.53	-3.26	1.326	-1.28	0.05	
				9	-0.82	-3.36	1.103	-1.28	-0.18	
				17	-0.65	-2.96	1.357	-1.28	0.08	
			52T	37	2.33	-0.52	4.145	-1.28	2.87	
				41	1.99	-0.57	3.906	-1.28	2.63	
				44	1.98	-0.23	4.024	-1.28	2.74	
			106T	53	5.30	1.39	6.781	-1.28	5.50	
				54	5.11	1.22	6.597	-1.28	5.32	
				56	5.15	1.36	6.666	-1.28	5.39	
			242T	61	7.65	6.02	9.921	-1.28	8.64	
				62	7.59	6.01	9.882	-1.28	8.60	
			SU	-	8.64	6.85	10.847	-1.28	9.57	
	91	6405	26T	0	-1.40	-1.49	1.566	-1.28	0.29	
				9	-1.57	-1.84	1.307	-1.28	0.03	
				17	-1.32	-1.67	1.519	-1.28	0.24	
			52T	37	1.58	1.93	4.769	-1.28	3.49	
				41	1.39	1.61	4.512	-1.28	3.23	
				44	1.65	1.74	4.706	-1.28	3.43	
			106T	53	4.25	3.85	7.065	-1.28	5.79	
				54	4.01	3.67	6.854	-1.28	5.57	
				56	3.98	3.76	6.882	-1.28	5.60	
			242T	61	6.90	6.67	9.797	-1.28	8.52	
				62	6.80	6.56	9.692	-1.28	8.41	
			SU	-	8.50	7.70	11.129	-1.28	9.85	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-6	99	6445	26T	0	-1.08	-1.94	1.52	-3.10	-1.58	24.00
				9	-1.27	-2.25	1.28	-3.10	-1.82	
				17	-1.45	-2.59	1.03	-3.10	-2.07	
			52T	37	1.75	0.80	4.31	-3.10	1.21	
				41	1.84	1.09	4.49	-3.10	1.39	
				44	1.92	1.29	4.63	-3.10	1.53	
			106T	53	4.92	4.30	7.63	-3.10	4.53	
				54	4.65	4.18	7.43	-3.10	4.33	
				56	4.65	4.31	7.49	-3.10	4.39	
			242T	61	7.50	7.60	10.56	-3.10	7.46	
				62	7.33	7.59	10.47	-3.10	7.37	
			SU	-	8.46	8.55	11.52	-3.10	8.42	
	115	6525	26T	0	-1.56	-4.23	0.32	-3.10	-2.78	
				9	-1.12	-4.16	0.63	-3.10	-2.47	
				17	-1.39	-4.60	0.31	-3.10	-2.79	
			52T	37	1.97	-0.01	4.10	-3.10	1.00	
				41	1.60	-0.26	3.78	-3.10	0.68	
				44	1.63	-0.10	3.86	-3.10	0.76	
			106T	53	4.85	2.81	6.96	-3.10	3.86	
				54	4.57	2.80	6.78	-3.10	3.68	
				56	4.56	2.91	6.82	-3.10	3.72	
			242T	61	7.28	7.24	10.27	-3.10	7.17	
				62	7.11	7.20	10.17	-3.10	7.07	
			SU	-	8.66	8.21	11.45	-3.10	8.35	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

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- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-7	123	6565	26T	0	9.68	9.83	12.77	-4.18	8.59	30.00
				9	9.22	9.47	12.36	-4.18	8.18	
				17	9.30	9.66	12.49	-4.18	8.31	
			52T	37	11.19	11.47	14.34	-4.18	10.16	
				41	10.78	11.16	13.98	-4.18	9.80	
				44	10.83	11.31	14.09	-4.18	9.91	
			106T	53	10.86	10.94	13.91	-4.18	9.73	
				54	11.02	11.32	14.18	-4.18	10.00	
				56	10.95	11.40	14.19	-4.18	10.01	
			242T	61	11.08	11.36	14.23	-4.18	10.05	
				62	10.85	11.31	14.10	-4.18	9.92	
			SU	-	10.70	11.03	13.88	-4.18	9.70	
	147	6685	26T	0	8.94	8.85	11.91	-4.18	7.73	
				9	9.09	9.11	12.11	-4.18	7.93	
				17	9.26	9.34	12.31	-4.18	8.13	
			52T	37	11.78	11.42	14.61	-4.18	10.43	
				41	11.43	11.24	14.35	-4.18	10.17	
				44	11.56	11.42	14.50	-4.18	10.32	
			106T	53	11.31	11.16	14.25	-4.18	10.07	
				54	11.05	11.01	14.04	-4.18	9.86	
				56	11.08	11.11	14.11	-4.18	9.93	
			242T	61	11.15	11.03	14.10	-4.18	9.92	
				62	11.02	11.03	14.04	-4.18	9.86	
			SU	-	11.25	11.28	14.28	-4.18	10.10	
	179	6845	26T	0	9.49	9.16	12.34	-4.18	8.16	
				9	9.68	9.17	12.44	-4.18	8.26	
				17	9.89	9.31	12.62	-4.18	8.44	
			52T	37	11.60	11.16	14.40	-4.18	10.22	
				41	11.33	10.82	14.09	-4.18	9.91	
				44	11.50	10.90	14.22	-4.18	10.04	
			106T	53	11.87	11.20	14.56	-4.18	10.38	
				54	11.65	10.98	14.34	-4.18	10.16	
				56	11.75	10.95	14.38	-4.18	10.20	
			242T	61	11.73	11.03	14.40	-4.18	10.22	
				62	11.66	10.87	14.29	-4.18	10.11	
			SU	-	11.40	11.70	14.56	-4.18	10.38	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-7	123	6565	26T	0	-1.17	-2.60	1.18	-4.18	-3.00	24.00
				9	-1.34	-3.05	0.90	-4.18	-3.28	
				17	-1.00	-2.97	1.14	-4.18	-3.04	
			52T	37	1.47	1.02	4.26	-4.18	0.08	
				41	1.58	1.23	4.42	-4.18	0.24	
				44	1.71	1.42	4.58	-4.18	0.40	
			106T	53	4.80	4.32	7.58	-4.18	3.40	
				54	4.53	4.11	7.34	-4.18	3.16	
				56	4.51	4.17	7.35	-4.18	3.17	
			242T	61	7.15	7.92	10.56	-4.18	6.38	
				62	6.97	7.86	10.45	-4.18	6.27	
			SU	-	8.42	8.92	11.69	-4.18	7.51	
	147	6685	26T	0	-2.46	-2.70	0.43	-4.18	-3.75	
				9	-2.69	-2.95	0.19	-4.18	-3.99	
				17	-2.45	-2.72	0.43	-4.18	-3.75	
			52T	37	1.64	1.45	4.56	-4.18	0.38	
				41	1.26	1.22	4.25	-4.18	0.07	
				44	1.38	1.43	4.42	-4.18	0.24	
			106T	53	4.41	4.22	7.33	-4.18	3.15	
				54	4.21	4.06	7.15	-4.18	2.97	
				56	4.25	4.24	7.26	-4.18	3.08	
			242T	61	7.51	7.51	10.52	-4.18	6.34	
				62	7.38	7.48	10.44	-4.18	6.26	
			SU	-	8.41	8.46	11.45	-4.18	7.27	
	179	6845	26T	0	-2.50	-1.00	1.32	-4.18	-2.86	
				9	-2.91	-1.36	0.94	-4.18	-3.24	
				17	-2.72	-1.22	1.10	-4.18	-3.08	
			52T	37	1.16	1.41	4.30	-4.18	0.12	
				41	1.36	1.55	4.47	-4.18	0.29	
				44	1.53	1.66	4.61	-4.18	0.43	
			106T	53	4.49	4.67	7.59	-4.18	3.41	
				54	4.27	4.45	7.37	-4.18	3.19	
				56	4.34	4.46	7.41	-4.18	3.23	
			242T	61	7.02	7.05	10.05	-4.18	5.87	
				62	7.49	7.32	10.42	-4.18	6.24	
			SU	-	8.61	8.25	11.44	-4.18	7.26	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-8	187	6885	26T	0	-2.62	-1.08	1.23	-6.12	-4.89	24.00
				9	-2.96	-1.52	0.83	-6.12	-5.29	
				17	-2.82	-1.43	0.94	-6.12	-5.18	
			52T	37	1.56	1.00	4.30	-6.12	-1.82	
				41	1.80	1.12	4.48	-6.12	-1.64	
				44	1.99	1.19	4.62	-6.12	-1.50	
			106T	53	4.85	4.27	7.58	-6.12	1.46	
				54	4.65	4.03	7.36	-6.12	1.24	
				56	4.77	4.00	7.41	-6.12	1.29	
			242T	61	7.82	7.79	10.82	-6.12	4.70	
				62	7.74	7.61	10.69	-6.12	4.57	
			SU	-	8.37	8.17	11.28	-6.12	5.16	
	203	6965	26T	0	-1.49	-1.98	1.28	-6.12	-4.84	
				9	-1.73	-2.37	0.97	-6.12	-5.15	
				17	-1.47	-2.25	1.17	-6.12	-4.95	
			52T	37	1.55	-0.56	3.63	-6.12	-2.49	
				41	1.34	-1.01	3.33	-6.12	-2.79	
				44	1.57	-1.00	3.48	-6.12	-2.64	
			106T	53	4.91	2.93	7.04	-6.12	0.92	
				54	4.79	2.65	6.86	-6.12	0.74	
				56	4.95	2.53	6.92	-6.12	0.80	
			242T	61	7.30	6.85	10.09	-6.12	3.97	
				62	7.35	6.59	10.00	-6.12	3.88	
			SU	-	8.62	7.68	11.19	-6.12	5.07	
	227	7085	26T	0	-1.35	-2.99	0.92	-6.12	-5.20	
				9	-1.16	-2.85	1.09	-6.12	-5.03	
				17	-0.92	-2.72	1.28	-6.12	-4.84	
			52T	37	1.66	-1.73	3.30	-6.12	-2.82	
				41	1.90	-1.76	3.45	-6.12	-2.67	
				44	1.59	-2.19	3.11	-6.12	-3.01	
			106T	53	4.46	1.24	6.15	-6.12	0.03	
				54	4.84	1.43	6.47	-6.12	0.35	
				56	4.95	1.34	6.52	-6.12	0.40	
			242T	61	7.95	6.22	10.18	-6.12	4.06	
				62	7.89	5.96	10.04	-6.12	3.92	
			SU	-	8.83	7.03	11.03	-6.12	4.91	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

PSD Results
- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	3	5965	26T	0	4.599	1.285	6.261	-	-1.93	4.331	17.00
				9	4.442	4.660	7.563	-	-1.93	5.633	
				17	4.542	5.035	7.806	-	-1.93	5.876	
			SU	-	-5.977	-5.853	-2.904	-	-1.93	-4.834	
	43	6165	26T	0	3.611	3.176	6.409	-	-1.93	4.479	
				9	2.789	3.332	6.079	-	-1.93	4.149	
				17	3.463	3.503	6.493	-	-1.93	4.563	
			SU	-	-7.346	-7.068	-4.194	-	-1.93	-6.124	
	91	**6405**	**26T**	0	5.711	3.954	7.931	-	-1.93	6.001	
				9	5.317	4.210	7.809	-	-1.93	5.879	
				17	**6.193**	**4.747**	**8.540**	**-**	**-1.93**	**6.610**	
			SU	-	-3.716	-6.036	-1.713	-	-1.93	-3.643	
UNII-7	123	6565	26T	0	5.989	4.407	8.280	-	-4.18	4.100	
				9	5.855	5.019	8.467	-	-4.18	4.287	
				17	5.840	4.371	8.178	-	-4.18	3.998	
			SU	-	-4.752	-5.857	-2.259	-	-4.18	-6.439	
	147	6685	26T	0	3.938	2.723	6.383	-	-4.18	2.203	
				9	4.169	2.692	6.503	-	-4.18	2.323	
				17	4.968	3.512	7.311	-	-4.18	3.131	
			SU	-	-5.092	-6.623	-2.780	-	-4.18	-6.960	
	179	6845	26T	0	4.349	2.395	6.491	-	-4.18	2.311	
				9	4.588	2.672	6.745	-	-4.18	2.565	
				17	4.499	3.682	7.120	-	-4.18	2.940	
			SU	-	-5.774	-7.175	-3.408	-	-4.18	-7.588	

* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain

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- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	**3**	**5965**	**26T**	0	-3.778	-6.379	-1.876	-	-1.93	-3.806	-1.00
				9	-4.270	-6.393	-2.193	-	-1.93	-4.123	
				17	**-3.863**	**-5.939**	**-1.768**	**-**	**-1.93**	**-3.698**	
			SU	-	-5.814	-7.191	-3.438	-	-1.93	-5.368	
	43	6165	26T	0	-4.521	-7.964	-2.900	-	-1.93	-4.830	
				9	-4.270	-7.792	-2.673	-	-1.93	-4.603	
				17	-4.131	-7.327	-2.431	-	-1.93	-4.361	
			SU	-	-6.719	-8.293	-4.425	-	-1.93	-6.355	
	91	6405	26T	0	-4.132	-6.298	-2.071	-	-1.93	-4.001	
				9	-4.098	-6.537	-2.138	-	-1.93	-4.068	
				17	-3.755	-6.186	-1.792	-	-1.93	-3.722	
			SU	-	-5.498	-7.830	-3.499	-	-1.93	-5.429	
UNII-6	99	6445	26T	0	-4.008	-6.613	-2.108	-	-3.10	-5.208	
				9	-4.130	-6.719	-2.224	-	-3.10	-5.324	
				17	-4.061	-6.894	-2.240	-	-3.10	-5.340	
			SU	-	-5.793	-6.771	-3.244	-	-3.10	-6.344	
	115	6525	26T	0	-4.599	-8.501	-3.115	-	-3.10	-6.215	
				9	-4.349	-8.932	-3.052	-	-3.10	-6.152	
				17	-4.025	-9.295	-2.895	-	-3.10	-5.995	
			SU	-	-5.137	-7.156	-3.020	-	-3.10	-6.120	
UNII-7	123	6565	26T	0	-4.296	-7.027	-2.440	-	-4.18	-6.620	
				9	-4.200	-7.475	-2.526	-	-4.18	-6.706	
				17	-4.030	-8.014	-2.570	-	-4.18	-6.750	
			SU	-	-5.663	-7.435	-3.449	-	-4.18	-7.629	
	147	6685	26T	0	-5.974	-8.710	-4.120	-	-4.18	-8.300	
				9	-6.005	-8.910	-4.209	-	-4.18	-8.389	
				17	-5.484	-7.864	-3.503	-	-4.18	-7.683	
			SU	-	-6.224	-8.674	-4.268	-	-4.18	-8.448	
	179	6845	26T	0	-6.177	-6.834	-3.483	-	-4.18	-7.663	
				9	-5.492	-7.036	-3.185	-	-4.18	-7.365	
				17	-5.765	-6.982	-3.321	-	-4.18	-7.501	
			SU	-	-6.163	-9.175	-4.403	-	-4.18	-8.583	
UNII-8	187	6885	26T	0	-6.033	-5.558	-2.779	-	-6.12	-8.899	
				9	-6.462	-5.923	-3.174	-	-6.12	-9.294	
				17	-6.307	-5.383	-2.810	-	-6.12	-8.930	
			SU	-	-6.700	-7.490	-4.067	-	-6.12	-10.187	
	203	6965	26T	0	-5.145	-5.596	-2.354	-	-6.12	-8.474	
				9	-5.887	-6.063	-2.964	-	-6.12	-9.084	
				17	-5.098	-5.589	-2.326	-	-6.12	-8.446	
			SU	-	-7.095	-7.594	-4.327	-	-6.12	-10.447	
	227	7085	26T	0	-6.378	-8.375	-4.252	-	-6.12	-10.372	
				9	-6.188	-8.733	-4.266	-	-6.12	-10.386	
				17	-5.795	-7.486	-3.548	-	-6.12	-9.668	
			SU	-	-7.391	-9.289	-5.227	-	-6.12	-11.347	

* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain

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10.1.4. 802.11ax HE80 MODE

Output Power Results

- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-5	7	5985	26T	0	9.70	8.44	12.13	-1.93	10.20	30.00
				18	9.56	8.12	11.91	-1.93	9.98	
				36	9.90	8.28	12.18	-1.93	10.25	
			52T	37	11.87	10.33	14.18	-1.93	12.25	
				45	11.82	9.96	14.00	-1.93	12.07	
				52	11.99	10.14	14.17	-1.93	12.24	
			106T	53	11.72	10.85	14.32	-1.93	12.39	
				57	11.66	10.45	14.11	-1.93	12.18	
				60	11.95	10.52	14.30	-1.93	12.37	
			242T	61	11.70	11.78	14.75	-1.93	12.82	
				62	11.65	10.59	14.16	-1.93	12.23	
				64	11.91	10.52	14.28	-1.93	12.35	
			484T	65	11.63	10.67	14.19	-1.93	12.26	
				66	11.74	10.50	14.17	-1.93	12.24	
			SU	-	10.51	9.49	13.04	-1.93	11.11	
	39	6145	26T	0	9.90	7.74	11.96	-1.93	10.03	
				18	9.70	7.60	11.79	-1.93	9.86	
				36	9.88	7.77	11.96	-1.93	10.03	
			52T	37	11.98	9.62	13.97	-1.93	12.04	
				45	11.85	9.42	13.81	-1.93	11.88	
				52	11.98	9.68	13.99	-1.93	12.06	
			106T	53	11.91	9.46	13.87	-1.93	11.94	
				57	11.72	9.00	13.58	-1.93	11.65	
				60	11.85	9.03	13.68	-1.93	11.75	
			242T	61	11.91	9.39	13.84	-1.93	11.91	
				62	11.77	9.12	13.65	-1.93	11.72	
				64	11.84	9.02	13.67	-1.93	11.74	
			484T	65	11.78	9.28	13.72	-1.93	11.79	
				66	11.75	9.04	13.61	-1.93	11.68	
			SU	-	10.89	8.54	12.88	-1.93	10.95	
	87	6385	26T	0	9.77	8.98	12.40	-1.93	10.47	
				18	9.22	8.64	11.95	-1.93	10.02	
				36	9.15	8.78	11.98	-1.93	10.05	
			52T	37	11.37	11.08	14.24	-1.93	12.31	
				45	10.80	10.75	13.79	-1.93	11.86	
				52	10.76	10.86	13.82	-1.93	11.89	
			106T	53	11.37	10.46	13.95	-1.93	12.02	
				57	10.87	10.33	13.62	-1.93	11.69	
				60	10.86	10.54	13.71	-1.93	11.78	
			242T	61	10.85	10.46	13.67	-1.93	11.74	
				62	11.03	10.34	13.71	-1.93	11.78	
				64	10.86	10.50	13.69	-1.93	11.76	
			484T	65	11.10	10.39	13.77	-1.93	11.84	
				66	10.82	10.43	13.64	-1.93	11.71	
			SU	-	10.38	9.92	13.17	-1.93	11.24	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-5	7	5985	26T	0	-1.48	-2.21	1.18	-1.93	-0.75	24.00
				18	-1.90	-2.53	0.81	-1.93	-1.12	
				36	-1.68	-2.20	1.08	-1.93	-0.85	
			52T	37	2.33	0.04	4.34	-1.93	2.41	
				45	2.20	-0.46	4.08	-1.93	2.15	
				52	2.40	-0.35	4.25	-1.93	2.32	
			106T	53	4.99	2.85	7.06	-1.93	5.13	
				57	4.96	2.41	6.88	-1.93	4.95	
				60	5.22	2.50	7.08	-1.93	5.15	
			242T	61	7.36	6.48	9.95	-1.93	8.02	
				62	7.30	6.23	9.81	-1.93	7.88	
				64	7.44	6.17	9.86	-1.93	7.93	
			484T	65	8.23	7.27	10.79	-1.93	8.86	
				66	8.35	7.08	10.77	-1.93	8.84	
			SU	-	8.74	7.62	11.23	-1.93	9.30	
	39	6145	26T	0	-0.23	-3.38	1.48	-1.93	-0.45	
				18	-0.64	-3.42	1.20	-1.93	-0.73	
				36	-0.52	-2.86	1.48	-1.93	-0.45	
			52T	37	2.51	-0.73	4.20	-1.93	2.27	
				45	2.08	-0.67	3.93	-1.93	2.00	
				52	2.26	-0.20	4.21	-1.93	2.28	
			106T	53	4.91	0.97	6.38	-1.93	4.45	
				57	4.72	0.68	6.16	-1.93	4.23	
				60	4.80	0.88	6.28	-1.93	4.35	
			242T	61	7.91	5.90	10.03	-1.93	8.10	
				62	7.72	5.75	9.86	-1.93	7.93	
				64	7.80	5.84	9.94	-1.93	8.01	
			484T	65	8.73	6.57	10.79	-1.93	8.86	
				66	8.64	6.58	10.74	-1.93	8.81	
			SU	-	8.98	7.01	11.12	-1.93	9.19	
	87	6385	26T	0	-1.34	-1.22	1.73	-1.93	-0.20	
				18	-1.55	-1.62	1.43	-1.93	-0.50	
				36	-1.18	-1.53	1.66	-1.93	-0.27	
			52T	37	1.17	1.56	4.38	-1.93	2.45	
				45	0.98	1.24	4.12	-1.93	2.19	
				52	1.26	1.29	4.29	-1.93	2.36	
			106T	53	4.05	3.56	6.82	-1.93	4.89	
				57	4.04	3.70	6.88	-1.93	4.95	
				60	4.03	3.82	6.94	-1.93	5.01	
			242T	61	7.28	6.84	10.08	-1.93	8.15	
				62	7.02	6.64	9.84	-1.93	7.91	
				64	6.84	6.62	9.74	-1.93	7.81	
			484T	65	8.10	7.58	10.86	-1.93	8.93	
				66	7.76	7.47	10.63	-1.93	8.70	
			SU	-	8.74	7.84	11.32	-1.93	9.39	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-6	103	6465	26T	0	-1.34	-1.63	1.53	-3.10	-1.57	24.00
				18	-1.52	-2.21	1.16	-3.10	-1.94	
				36	-1.10	-2.28	1.36	-3.10	-1.74	
			52T	37	1.98	1.63	4.82	-3.10	1.72	
				45	1.80	1.06	4.46	-3.10	1.36	
				52	1.99	1.00	4.53	-3.10	1.43	
			106T	53	4.65	4.42	7.55	-3.10	4.45	
				57	4.09	4.11	7.11	-3.10	4.01	
				60	4.01	4.20	7.12	-3.10	4.02	
			242T	61	6.50	7.36	9.96	-3.10	6.86	
				62	6.71	7.60	10.19	-3.10	7.09	
				64	6.52	7.63	10.12	-3.10	7.02	
			484T	65	7.75	8.55	11.18	-3.10	8.08	
				66	7.40	8.42	10.95	-3.10	7.85	
			SU	-	7.90	8.88	11.43	-3.10	8.33	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-7	151	6705	26T	0	8.30	8.57	11.45	-4.18	7.27	30.00
				18	8.30	8.74	11.54	-4.18	7.36	
				36	8.34	8.93	11.66	-4.18	7.48	
			52T	37	11.11	11.02	14.08	-4.18	9.90	
				45	10.55	10.76	13.67	-4.18	9.49	
				52	10.56	10.90	13.74	-4.18	9.56	
			106T	53	11.14	10.91	14.04	-4.18	9.86	
				57	10.63	10.65	13.65	-4.18	9.47	
				60	10.65	10.76	13.72	-4.18	9.54	
			242T	61	11.08	10.85	13.98	-4.18	9.80	
				62	10.79	10.72	13.77	-4.18	9.59	
				64	10.63	10.74	13.70	-4.18	9.52	
			484T	65	10.88	10.78	13.84	-4.18	9.66	
				66	10.58	10.71	13.66	-4.18	9.48	
			SU	-	10.55	10.69	13.63	-4.18	9.45	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-7	119	6545	26T	0	-1.20	-3.65	0.76	-4.18	-3.42	24.00
				18	-0.81	-3.65	1.01	-4.18	-3.17	
				36	-0.36	-3.74	1.28	-4.18	-2.90	
			52T	37	1.99	0.71	4.41	-4.18	0.23	
				45	1.36	0.42	3.93	-4.18	-0.25	
				52	1.26	0.52	3.92	-4.18	-0.26	
			106T	53	4.76	3.68	7.26	-4.18	3.08	
				57	4.25	3.35	6.83	-4.18	2.65	
				60	4.05	3.47	6.78	-4.18	2.60	
			242T	61	6.80	7.61	10.23	-4.18	6.05	
				62	6.48	7.47	10.01	-4.18	5.83	
				64	6.18	7.50	9.90	-4.18	5.72	
			484T	65	7.55	8.35	10.98	-4.18	6.80	
				66	7.15	8.25	10.75	-4.18	6.57	
			SU	-	7.75	8.66	11.24	-4.18	7.06	
	151	6705	26T	0	-2.13	-2.01	0.94	-4.18	-3.24	
				18	-2.32	-2.37	0.67	-4.18	-3.51	
				36	-2.08	-2.14	0.90	-4.18	-3.28	
			52T	37	1.12	1.20	4.17	-4.18	-0.01	
				45	0.60	0.94	3.78	-4.18	-0.40	
				52	0.60	1.11	3.87	-4.18	-0.31	
			106T	53	3.93	4.04	7.00	-4.18	2.82	
				57	3.42	3.96	6.71	-4.18	2.53	
				60	3.40	3.93	6.68	-4.18	2.50	
			242T	61	7.06	7.23	10.16	-4.18	5.98	
				62	6.77	7.10	9.95	-4.18	5.77	
				64	6.61	7.14	9.89	-4.18	5.71	
			484T	65	7.65	7.95	10.81	-4.18	6.63	
				66	7.34	7.88	10.63	-4.18	6.45	
			SU	-	7.62	8.28	10.97	-4.18	6.79	
	183	6865	26T	0	-3.31	-1.40	0.76	-4.18	-3.42	
				18	-3.23	-1.28	0.86	-4.18	-3.32	
				36	-3.21	-1.20	0.92	-4.18	-3.26	
			52T	37	-0.70	1.23	3.38	-4.18	-0.80	
				45	0.68	0.70	3.70	-4.18	-0.48	
				52	0.81	0.64	3.74	-4.18	-0.44	
			106T	53	3.95	3.98	6.98	-4.18	2.80	
				57	3.52	3.69	6.62	-4.18	2.44	
				60	3.70	3.64	6.68	-4.18	2.50	
			242T	61	7.02	7.44	10.25	-4.18	6.07	
				62	6.80	7.21	10.02	-4.18	5.84	
				64	6.84	7.00	9.93	-4.18	5.75	
			484T	65	7.90	8.19	11.06	-4.18	6.88	
				66	7.77	7.86	10.83	-4.18	6.65	
			SU	-	7.60	7.96	10.79	-4.18	6.61	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-8	199	6945	26T	0	-2.57	-1.49	1.01	-6.12	-5.11	24.00
				18	-2.51	-1.46	1.06	-6.12	-5.06	
				36	-2.34	-1.50	1.11	-6.12	-5.01	
			52T	37	1.76	1.25	4.52	-6.12	-1.60	
				45	1.49	0.64	4.10	-6.12	-2.02	
				52	1.77	0.54	4.21	-6.12	-1.91	
			106T	53	4.33	4.06	7.21	-6.12	1.09	
				57	4.15	3.64	6.91	-6.12	0.79	
				60	4.40	3.55	7.01	-6.12	0.89	
			242T	61	6.69	7.74	10.26	-6.12	4.14	
				62	6.55	7.43	10.02	-6.12	3.90	
				64	6.70	7.15	9.94	-6.12	3.82	
			484T	65	7.35	8.60	11.03	-6.12	4.91	
				66	7.34	8.21	10.81	-6.12	4.69	
			SU	-	7.65	8.88	11.32	-6.12	5.20	
	215	7025	26T	0	-1.68	-2.42	0.98	-6.12	-5.14	
				18	-1.46	-2.60	1.02	-6.12	-5.10	
				36	-1.17	-2.70	1.14	-6.12	-4.98	
			52T	37	1.98	-0.34	3.98	-6.12	-2.14	
				45	1.95	-0.99	3.73	-6.12	-2.39	
				52	1.99	-1.16	3.70	-6.12	-2.42	
			106T	53	4.78	2.64	6.85	-6.12	0.73	
				57	4.66	2.05	6.56	-6.12	0.44	
				60	4.94	1.83	6.67	-6.12	0.55	
			242T	61	6.76	6.97	9.88	-6.12	3.76	
				62	6.70	6.65	9.69	-6.12	3.57	
				64	6.85	6.34	9.61	-6.12	3.49	
			484T	65	8.55	8.00	11.29	-6.12	5.17	
				66	8.64	7.57	11.15	-6.12	5.03	
			SU	-	8.90	8.20	11.57	-6.12	5.45	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain

PSD Results
- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	7	5985	26T	0	4.558	4.534	7.556	-	-1.93	5.626	17.00
				18	3.688	3.119	6.423	-	-1.93	4.493	
				36	5.501	4.995	8.266	-	-1.93	6.336	
			SU	-	-8.766	-9.532	-6.122	-	-1.93	-8.052	
	39	6145	26T	0	3.587	3.237	6.426	-	-1.93	4.496	
				18	2.177	1.576	4.897	-	-1.93	2.967	
				36	5.888	3.297	7.793	-	-1.93	5.863	
			SU	-	-7.268	-10.371	-5.538	-	-1.93	-7.468	
	87	**6385**	**26T**	0	6.208	3.472	8.062	-	-1.93	6.132	
				18	4.720	2.199	6.650	-	-1.93	4.720	
				36	**7.020**	**3.676**	**8.673**	**-**	**-1.93**	**6.743**	
			SU	-	-7.279	-9.918	-5.391	-	-1.93	-7.321	
UNII-7	151	6705	26T	0	5.728	2.546	7.432	-	-4.18	3.252	
				18	5.516	2.305	7.211	-	-4.18	3.031	
				36	6.335	4.490	8.520	-	-4.18	4.340	
			SU	-	-6.433	-8.944	-4.499	-	-4.18	-8.679	

* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain

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- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	7	5985	26T	0	-4.511	-5.137	-1.802	-	-1.93	-3.732	-1.00
				18	-6.300	-6.492	-3.385	-	-1.93	-5.315	
				36	-4.378	-4.693	-1.522	-	-1.93	-3.452	
			SU	-	-8.787	-10.168	-6.413	-	-1.93	-8.343	
	39	6145	26T	0	-4.324	-7.752	-2.698	-	-1.93	-4.628	
				18	-5.687	-8.208	-3.757	-	-1.93	-5.687	
				36	-4.002	-6.254	-1.973	-	-1.93	-3.903	
			SU	-	-9.513	-11.356	-7.327	-	-1.93	-9.257	
	87	**6385**	**26T**	0	-4.240	-5.246	-1.704	-	-1.93	-3.634	
				18	-5.224	-6.696	-2.888	-	-1.93	-4.818	
				36	**-3.005**	**-4.707**	**-0.763**	**-**	**-1.93**	**-2.693**	
			SU	-	-8.218	-10.680	-6.267	-	-1.93	-8.197	
UNII-6	103	6465	26T	0	-3.583	-5.666	-1.490	-	-3.10	-4.590	
				18	-4.313	-6.698	-2.333	-	-3.10	-5.433	
				36	-2.306	-5.840	-0.713	-	-3.10	-3.813	
			SU	-	-8.431	-9.930	-6.106	-	-3.10	-9.206	
UNII-7	119	6545	26T	0	-3.165	-7.189	-1.716	-	-4.18	-5.896	
				18	-3.548	-8.360	-2.309	-	-4.18	-6.489	
				36	-2.351	-6.952	-1.058	-	-4.18	-5.238	
			SU	-	-9.217	-10.470	-6.788	-	-4.18	-10.968	
	151	6705	26T	0	-5.013	-6.010	-2.473	-	-4.18	-6.653	
				18	-5.936	-7.411	-3.601	-	-4.18	-7.781	
				36	-4.524	-5.459	-1.956	-	-4.18	-6.136	
			SU	-	-9.442	-10.761	-7.041	-	-4.18	-11.221	
	183	6865	26T	0	-6.154	-4.617	-2.308	-	-4.18	-6.488	
				18	-7.392	-6.122	-3.700	-	-4.18	-7.880	
				36	-6.181	-4.410	-2.196	-	-4.18	-6.376	
			SU	-	-10.117	-11.743	-7.844	-	-4.18	-12.024	
UNII-8	199	6945	26T	0	-5.987	-5.504	-2.728	-	-6.12	-8.848	
				18	-7.323	-5.961	-3.579	-	-6.12	-9.699	
				36	-5.743	-4.708	-2.184	-	-6.12	-8.304	
			SU	-	-10.364	-10.728	-7.532	-	-6.12	-13.652	
	215	7025	26T	0	-5.420	-5.954	-2.668	-	-6.12	-8.788	
				18	-6.598	-6.740	-3.658	-	-6.12	-9.778	
				36	-5.547	-6.068	-2.789	-	-6.12	-8.909	
			SU	-	-9.821	-11.676	-7.640	-	-6.12	-13.760	

* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain

10.1.5. 802.11ax HE160 MODE

Output Power Results

- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-5	15	6025	26T	0L	9.05	8.30	11.70	-1.93	9.77	30.00
				0U	9.38	7.69	11.63	-1.93	9.70	
				36U	9.87	7.90	12.01	-1.93	10.08	
			52T	37L	11.01	10.25	13.66	-1.93	11.73	
				37U	11.31	9.60	13.55	-1.93	11.62	
				52U	11.77	9.75	13.89	-1.93	11.96	
			106T	53L	11.46	11.05	14.27	-1.93	12.34	
				53U	11.77	10.53	14.20	-1.93	12.27	
				60U	11.58	9.89	13.83	-1.93	11.90	
			242T	61L	11.56	11.10	14.35	-1.93	12.42	
				61U	11.83	10.59	14.26	-1.93	12.33	
				64U	11.83	9.97	14.01	-1.93	12.08	
			484T	65L	11.51	11.03	14.29	-1.93	12.36	
				66L	11.57	10.71	14.17	-1.93	12.24	
				66U	11.69	11.69	14.70	-1.93	12.77	
			996T	67L	10.45	9.87	13.18	-1.93	11.25	
				67U	10.95	9.47	13.28	-1.93	11.35	
			SU	-	10.72	9.82	13.30	-1.93	11.37	
	47	6185	26T	0L	9.99	8.32	12.25	-1.93	10.32	
				0U	9.78	8.07	12.02	-1.93	10.09	
				36U	9.54	8.28	11.97	-1.93	10.04	
			52T	37L	12.33	10.27	14.43	-1.93	12.50	
				37U	11.95	9.98	14.09	-1.93	12.16	
				52U	11.75	10.18	14.05	-1.93	12.12	
			106T	53L	11.61	9.58	13.72	-1.93	11.79	
				53U	11.22	8.90	13.22	-1.93	11.29	
				60U	11.28	9.10	13.34	-1.93	11.41	
			242T	61L	11.68	9.59	13.77	-1.93	11.84	
				61U	11.23	8.91	13.23	-1.93	11.30	
				64U	11.33	9.20	13.40	-1.93	11.47	
			484T	65L	11.55	9.48	13.65	-1.93	11.72	
				66L	11.30	9.02	13.32	-1.93	11.39	
				66U	11.25	9.11	13.32	-1.93	11.39	
			996T	67L	10.76	8.90	12.94	-1.93	11.01	
				67U	10.55	8.66	12.72	-1.93	10.79	
			SU	-	10.75	8.90	12.93	-1.93	11.00	
	79	6345	26T	0L	8.97	8.74	11.87	-1.93	9.94	
				0U	8.80	8.68	11.75	-1.93	9.82	
				36U	8.48	8.64	11.57	-1.93	9.64	
			52T	37L	11.94	11.25	14.62	-1.93	12.69	
				37U	11.12	10.74	13.94	-1.93	12.01	
				52U	10.77	10.79	13.79	-1.93	11.86	
			106T	53L	11.77	10.54	14.21	-1.93	12.28	
				53U	11.45	11.02	14.25	-1.93	12.32	
				60U	11.28	11.37	14.34	-1.93	12.41	
			242T	61L	11.79	10.59	14.24	-1.93	12.31	
				61U	11.45	11.04	14.26	-1.93	12.33	
				64U	11.33	11.36	14.36	-1.93	12.43	
			484T	65L	11.60	10.52	14.10	-1.93	12.17	
				66L	11.08	10.38	13.75	-1.93	11.82	
				66U	11.28	11.29	14.30	-1.93	12.37	
			996T	67L	11.28	10.36	13.85	-1.93	11.92	
				67U	11.25	11.14	14.21	-1.93	12.28	
			SU	-	10.49	10.35	13.43	-1.93	11.50	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain
* HE160 = HE80L + HE80U

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-5	15	6025	26T	0L	-1.16	-1.70	1.59	-1.93	-0.34	23.00
				0U	-1.69	-1.79	1.27	-1.93	-0.66	
				36U	-1.60	-1.12	1.66	-1.93	-0.27	
			52T	37L	1.52	1.14	4.34	-1.93	2.41	
				37U	1.06	0.98	4.03	-1.93	2.10	
				52U	1.13	1.65	4.41	-1.93	2.48	
			106T	53L	4.88	3.73	7.35	-1.93	5.42	
				53U	4.60	2.53	6.70	-1.93	4.77	
				60U	4.99	2.70	7.00	-1.93	5.07	
			242T	61L	6.91	6.62	9.78	-1.93	7.85	
				61U	7.13	5.99	9.61	-1.93	7.68	
				64U	7.57	6.23	9.96	-1.93	8.03	
			484T	65L	7.86	7.32	10.61	-1.93	8.68	
				66L	7.93	6.88	10.45	-1.93	8.52	
				66U	8.44	6.94	10.76	-1.93	8.83	
			996T	67L	7.80	7.08	10.47	-1.93	8.54	
				67U	8.17	6.81	10.55	-1.93	8.62	
			SU	-	8.01	7.12	10.60	-1.93	8.67	
	47	6185	26T	0L	-0.85	-3.03	1.21	-1.93	-0.72	
				0U	-1.26	-2.71	1.09	-1.93	-0.84	
				36U	-1.26	-1.83	1.47	-1.93	-0.46	
			52T	37L	1.72	-0.49	3.76	-1.93	1.83	
				37U	1.30	-0.19	3.63	-1.93	1.70	
				52U	1.25	0.68	3.98	-1.93	2.05	
			106T	53L	4.64	2.16	6.58	-1.93	4.65	
				53U	4.30	1.85	6.26	-1.93	4.33	
				60U	4.65	2.63	6.77	-1.93	4.84	
			242T	61L	7.67	6.17	9.99	-1.93	8.06	
				61U	7.66	6.25	10.02	-1.93	8.09	
				64U	7.59	6.60	10.13	-1.93	8.20	
			484T	65L	8.53	6.96	10.83	-1.93	8.90	
				66L	8.61	7.16	10.96	-1.93	9.03	
				66U	8.40	7.30	10.90	-1.93	8.97	
			996T	67L	8.70	7.20	11.02	-1.93	9.09	
				67U	8.40	7.17	10.84	-1.93	8.91	
			SU	-	8.38	7.18	10.83	-1.93	8.90	
	79	6345	26T	0L	-1.01	-2.61	1.27	-1.93	-0.66	
				0U	-1.35	-2.63	1.07	-1.93	-0.86	
				36U	-0.96	-2.64	1.29	-1.93	-0.64	
			52T	37L	2.13	0.60	4.44	-1.93	2.51	
				37U	1.75	0.53	4.19	-1.93	2.26	
				52U	2.10	0.56	4.41	-1.93	2.48	
			106T	53L	4.74	2.30	6.70	-1.93	4.77	
				53U	4.98	2.77	7.02	-1.93	5.09	
				60U	4.70	2.84	6.88	-1.93	4.95	
			242T	61L	7.15	6.86	10.02	-1.93	8.09	
				61U	6.75	6.74	9.76	-1.93	7.83	
				64U	6.60	6.85	9.74	-1.93	7.81	
			484T	65L	8.37	8.12	11.26	-1.93	9.33	
				66L	7.85	7.77	10.82	-1.93	8.89	
				66U	7.46	7.70	10.59	-1.93	8.66	
			996T	67L	8.06	7.91	11.00	-1.93	9.07	
				67U	7.76	7.70	10.74	-1.93	8.81	
			SU	-	7.74	7.98	10.87	-1.93	8.94	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain
* HE160 = HE80L + HE80U

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-6	111	6505	26T	0L	-1.61	-2.72	0.88	-3.10	-2.22	24.00
				0U	-1.41	-3.50	0.68	-3.10	-2.42	
				36U	-0.67	-3.76	1.06	-3.10	-2.04	
			52T	37L	1.97	-0.29	4.00	-3.10	0.90	
				37U	1.06	-0.65	3.30	-3.10	0.20	
				52U	1.67	0.57	4.17	-3.10	1.07	
			106T	53L	4.74	2.76	6.87	-3.10	3.77	
				53U	4.30	2.78	6.62	-3.10	3.52	
				60U	3.83	3.06	6.47	-3.10	3.37	
			242T	61L	7.24	7.06	10.16	-3.10	7.06	
				61U	6.81	7.05	9.94	-3.10	6.84	
				64U	6.46	7.34	9.93	-3.10	6.83	
			484T	65L	7.65	7.38	10.53	-3.10	7.43	
				66L	7.52	7.56	10.55	-3.10	7.45	
				66U	7.40	8.21	10.83	-3.10	7.73	
			996T	67L	8.24	8.12	11.19	-3.10	8.09	
				67U	7.43	8.05	10.76	-3.10	7.66	
			SU	-	8.33	8.22	11.29	-3.10	8.19	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain
* HE160 = HE80L + HE80U

- 6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-7	143	6665	26T	0L	9.20	8.15	11.72	-4.18	7.54	30.00
				0U	9.27	8.88	12.09	-4.18	7.91	
				36U	9.04	9.27	12.17	-4.18	7.99	
			52T	37L	11.35	10.16	13.81	-4.18	9.63	
				37U	11.50	10.98	14.26	-4.18	10.08	
				52U	11.27	11.34	14.32	-4.18	10.14	
			106T	53L	11.48	10.70	14.12	-4.18	9.94	
				53U	11.44	11.28	14.37	-4.18	10.19	
				60U	11.30	11.27	14.30	-4.18	10.12	
			242T	61L	11.46	10.75	14.13	-4.18	9.95	
				61U	11.42	11.27	14.36	-4.18	10.18	
				64U	11.32	11.31	14.33	-4.18	10.15	
			484T	65L	11.22	10.64	13.95	-4.18	9.77	
				66L	11.09	10.93	14.02	-4.18	9.84	
				66U	11.25	11.29	14.28	-4.18	10.10	
			996T	67L	11.40	11.07	14.25	-4.18	10.07	
				67U	11.26	11.22	14.25	-4.18	10.07	
			SU	-	9.92	10.12	13.03	-4.18	8.85	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain
* HE160 = HE80L + HE80U

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- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-7	143	6665	26T	0L	-2.58	-1.49	1.01	-4.18	-3.17	23.00
				0U	-2.61	-2.15	0.64	-4.18	-3.54	
				36U	-2.67	-1.99	0.69	-4.18	-3.49	
			52T	37L	1.36	0.58	4.00	-4.18	-0.18	
				37U	0.32	1.38	3.89	-4.18	-0.29	
				52U	0.13	0.82	3.50	-4.18	-0.68	
			106T	53L	4.55	4.14	7.36	-4.18	3.18	
				53U	3.62	3.88	6.76	-4.18	2.58	
				60U	3.45	4.14	6.82	-4.18	2.64	
			242T	61L	7.22	6.38	9.83	-4.18	5.65	
				61U	6.66	6.62	9.65	-4.18	5.47	
				64U	6.61	6.95	9.79	-4.18	5.61	
			484T	65L	8.43	7.70	11.09	-4.18	6.91	
				66L	7.85	7.48	10.68	-4.18	6.50	
				66U	7.47	7.79	10.64	-4.18	6.46	
			996T	67L	8.07	7.55	10.83	-4.18	6.65	
				67U	7.42	7.57	10.51	-4.18	6.33	
			SU	-	7.80	7.78	10.80	-4.18	6.62	
	175	6825	26T	0L	-2.95	-0.72	1.32	-4.18	-2.86	
				0U	-3.58	-0.89	0.98	-4.18	-3.20	
				36U	-3.78	-0.74	1.01	-4.18	-3.17	
			52T	37L	0.66	1.42	4.07	-4.18	-0.11	
				37U	0.23	1.36	3.84	-4.18	-0.34	
				52U	0.17	1.60	3.95	-4.18	-0.23	
			106T	53L	3.68	4.25	6.98	-4.18	2.80	
				53U	3.18	4.17	6.71	-4.18	2.53	
				60U	3.24	4.40	6.87	-4.18	2.69	
			242T	61L	7.33	6.83	10.10	-4.18	5.92	
				61U	6.81	6.72	9.78	-4.18	5.60	
				64U	6.93	6.93	9.94	-4.18	5.76	
			484T	65L	8.15	7.78	10.98	-4.18	6.80	
				66L	7.80	7.65	10.74	-4.18	6.56	
				66U	7.68	7.87	10.79	-4.18	6.61	
			996T	67L	7.93	7.67	10.81	-4.18	6.63	
				67U	7.65	7.71	10.69	-4.18	6.51	
			SU	-	7.75	7.94	10.86	-4.18	6.68	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain
* HE160 = HE80L + HE80U

- 6XD

Band	Channel	Freq. [MHz]	Tones	RU offset	Average Power [dBm]			Direct. Gain [dBi]	Corr'd e.i.r.p [dBm]	Max e.i.r.p Limit [dBm]
					ANT1	ANT2	MIMO			
UNII-8	207	6985	26T	0L	-2.01	-1.27	1.39	-6.12	-4.73	24.00
				0U	-2.42	-1.86	0.88	-6.12	-5.24	
				36U	-2.05	-2.18	0.90	-6.12	-5.22	
			52T	37L	1.85	1.30	4.59	-6.12	-1.53	
				37U	1.70	0.70	4.24	-6.12	-1.88	
				52U	1.99	0.04	4.13	-6.12	-1.99	
			106T	53L	4.63	4.15	7.41	-6.12	1.29	
				53U	4.40	3.68	7.07	-6.12	0.95	
				60U	4.80	3.41	7.17	-6.12	1.05	
			242T	61L	7.53	6.22	9.93	-6.12	3.81	
				61U	7.30	5.63	9.56	-6.12	3.44	
				64U	7.68	5.37	9.69	-6.12	3.57	
			484T	65L	8.58	7.03	10.88	-6.12	4.76	
				66L	8.36	6.61	10.58	-6.12	4.46	
				66U	8.70	6.27	10.66	-6.12	4.54	
			996T	67L	8.43	6.78	10.69	-6.12	4.57	
				67U	8.50	6.27	10.54	-6.12	4.42	
			SU	-	8.94	7.25	11.19	-6.12	5.07	

* Calculation of Output Power : Average Power = Meas Power + Duty CF[dB]
Corr'd e.i.r.p = Ant1 Average Power + Ant2 Average Power + Directional Gain
* HE160 = HE80L + HE80U

PSD Results

-6CD

Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	15	6025	26T	0L	7.338	4.454	9.141	-	-1.93	7.211	17.00
				0U	7.360	4.219	9.078	-	-1.93	7.148	
				36U	7.580	4.031	9.169	-	-1.93	7.239	
			SU	-	-9.266	-12.144	-7.461	-	-1.93	-9.391	
	47	**6185**	**26T**	0L	7.146	4.437	9.010	-	-1.93	7.080	
				0U	6.915	3.917	8.680	-	-1.93	6.750	
				36U	**7.344**	**5.033**	**9.351**	**-**	**-1.93**	**7.421**	
			SU	-	-9.989	-12.436	-8.032	-	-1.93	-9.962	
	79	6345	26T	0L	6.832	4.888	8.978	-	-1.93	7.048	
				0U	6.722	4.731	8.850	-	-1.93	6.920	
				36U	7.253	5.016	9.287	-	-1.93	7.357	
			SU	-	-9.394	-10.854	-7.053	-	-1.93	-8.983	
UNII-7	143	6665	26T	0L	8.258	5.462	10.092	-	-4.18	5.912	
				0U	7.112	5.768	9.502	-	-4.18	5.322	
				36U	8.211	6.127	10.303	-	-4.18	6.123	
			SU	-	-8.847	-11.679	-7.026	-	-4.18	-11.206	

* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain
* HE160 = HE80L + HE80U

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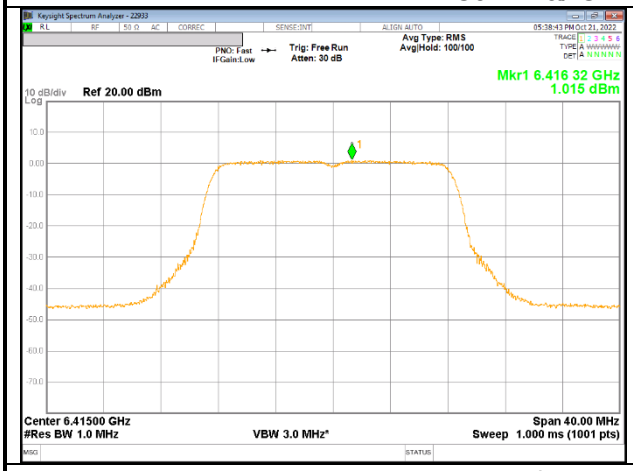
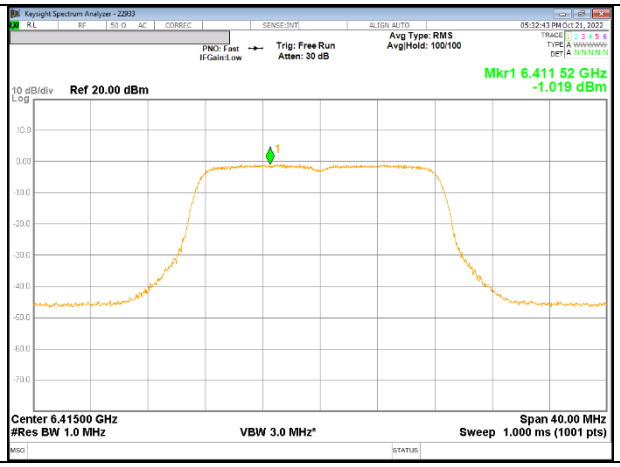
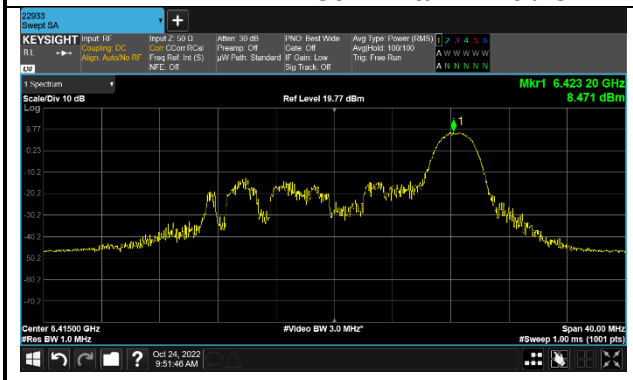
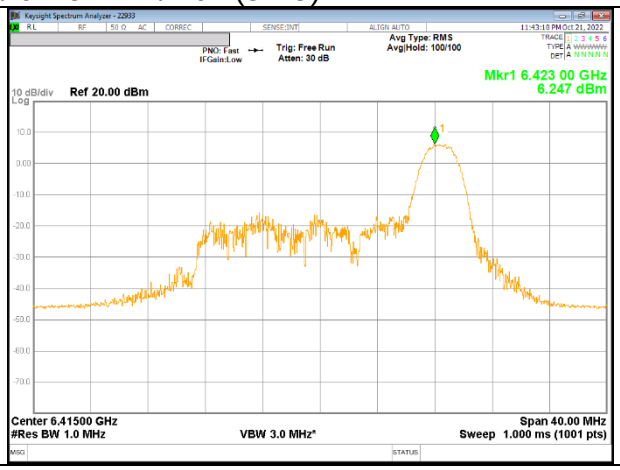
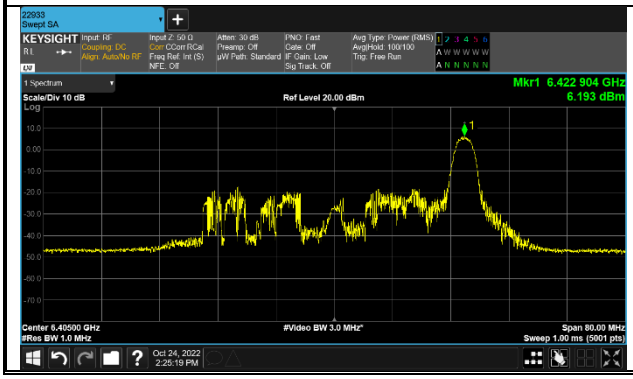
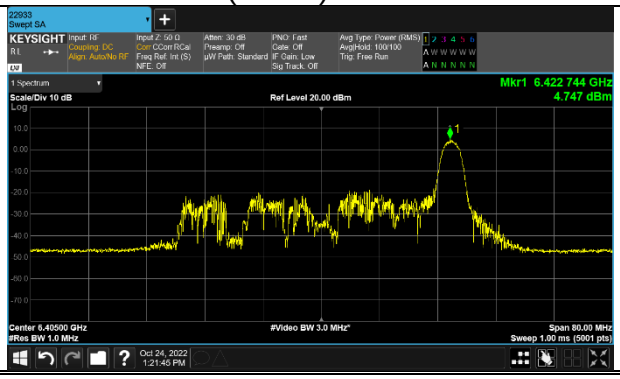
-6XD

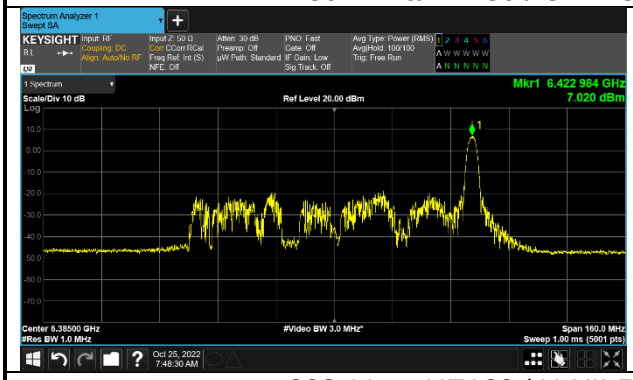
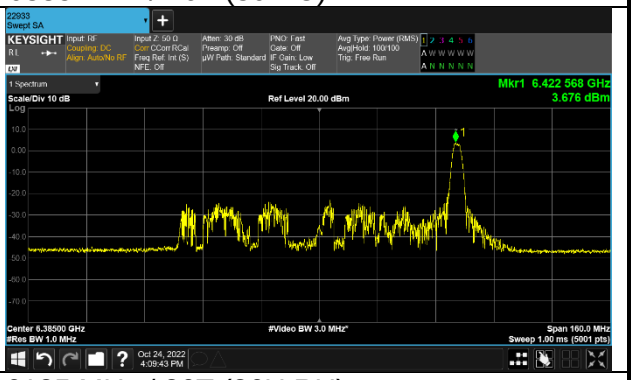
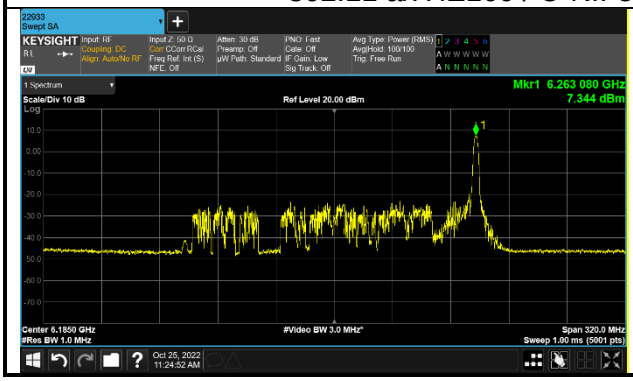
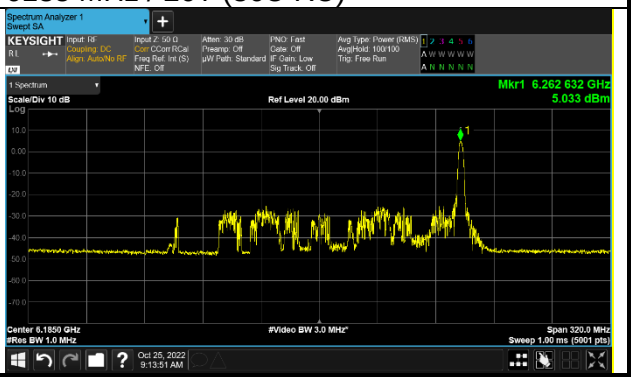
Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	15	6025	26T	0L	-2.856	-5.308	-0.901	-	-1.93	-2.831	-1.00
				0U	-3.415	-4.584	-0.950	-	-1.93	-2.880	
				36U	-4.621	-4.288	-1.441	-	-1.93	-3.371	
			SU	-	-11.306	-13.784	-9.360	-	-1.93	-11.290	
	47	6185	26T	0L	-3.337	-6.649	-1.674	-	-1.93	-3.604	
				0U	-4.020	-5.948	-1.868	-	-1.93	-3.798	
				36U	-3.605	-5.731	-1.529	-	-1.93	-3.459	
			SU	-	-11.442	-14.049	-9.542	-	-1.93	-11.472	
	79	**6345**	**26T**	0L	-3.397	-6.038	-1.509	-	-1.93	-3.439	
				0U	-2.767	-6.614	-1.267	-	-1.93	-3.197	
				36U	**-2.374**	**-5.404**	**-0.620**	**-**	**-1.93**	**-2.550**	
			SU	-	-11.383	-12.925	-9.076	-	-1.93	-11.006	
UNII-6	111	6505	26T	0L	-2.969	-5.969	-1.205	-	-3.10	-4.305	
				0U	-1.919	-6.529	-0.629	-	-3.10	-3.729	
				36U	-1.527	-7.266	-0.500	-	-3.10	-3.600	
			SU	-	-6.882	-9.439	-4.965	-	-3.10	-8.065	
UNII-7	143	6665	26T	0L	-3.438	-5.101	-1.180	-	-4.18	-5.36	
				0U	-3.581	-4.834	-1.152	-	-4.18	-5.33	
				36U	-3.353	-5.637	-1.336	-	-4.18	-5.52	
			SU	-	-10.139	-13.053	-8.346	-	-4.18	-12.53	
	175	6825	26T	0L	-3.865	-4.096	-0.969	-	-4.18	-5.15	
				0U	-4.193	-4.605	-1.384	-	-4.18	-5.56	
				36U	-4.816	-4.383	-1.584	-	-4.18	-5.76	
			SU	-	-10.451	-13.084	-8.561	-	-4.18	-12.74	
UNII-8	207	6985	26T	0L	-2.610	-4.522	-0.451	-	-6.12	-6.57	
				0U	-3.660	-5.345	-1.411	-	-6.12	-7.53	
				36U	-4.938	-5.500	-2.200	-	-6.12	-8.32	
			SU	-	-10.211	-13.558	-8.559	-	-6.12	-14.68	

* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain
* HE160 = HE80L + HE80U

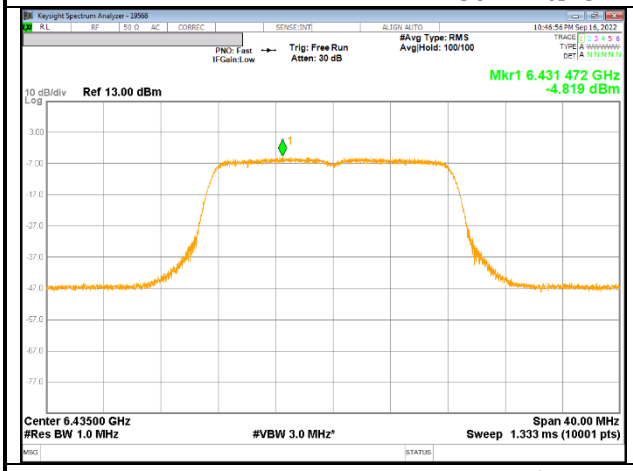
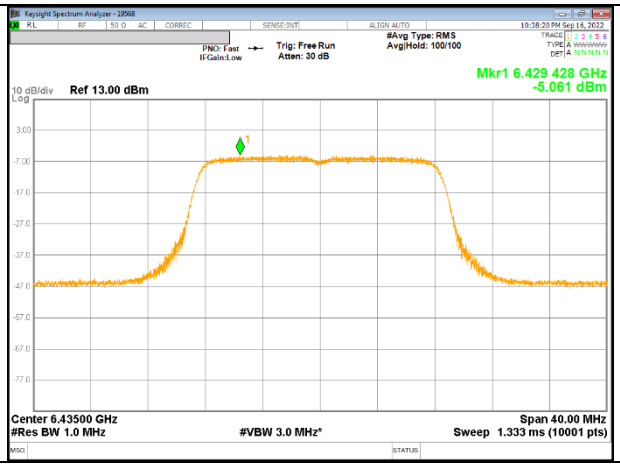
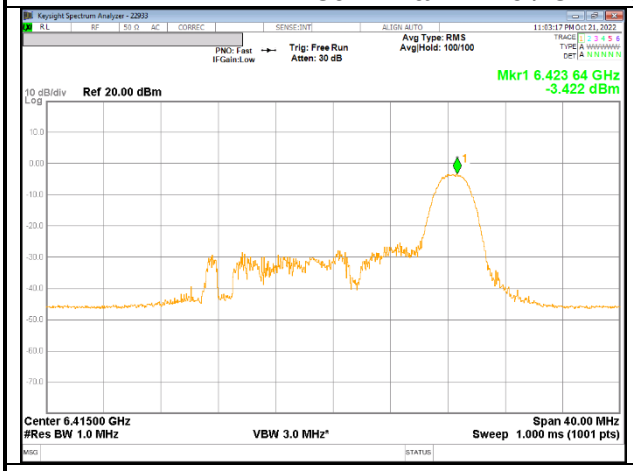
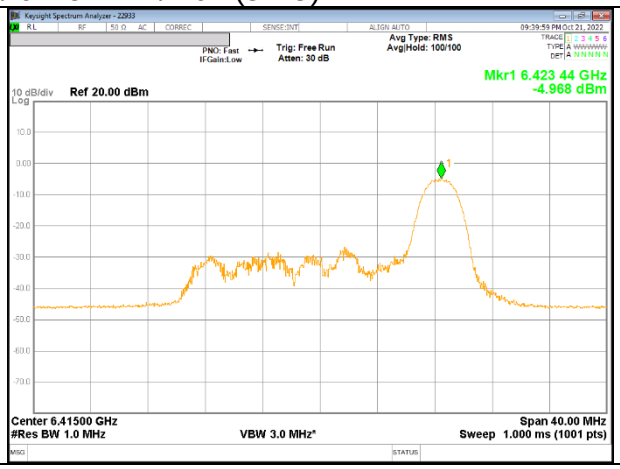
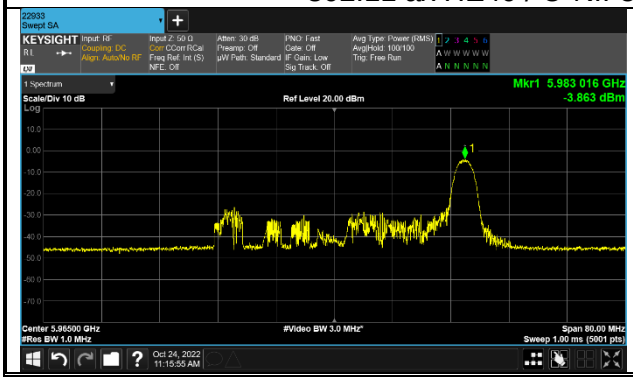
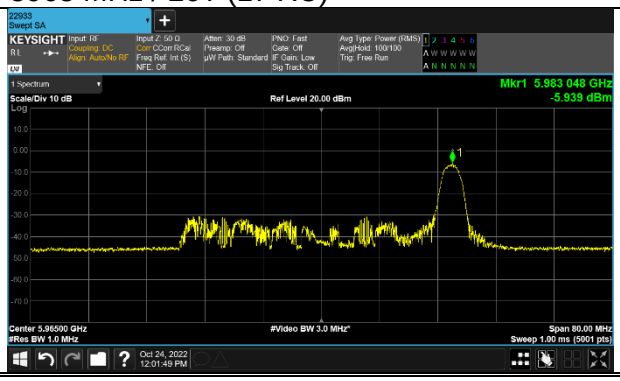
10.1.6. PPSD PLOTS (WORST CASE)

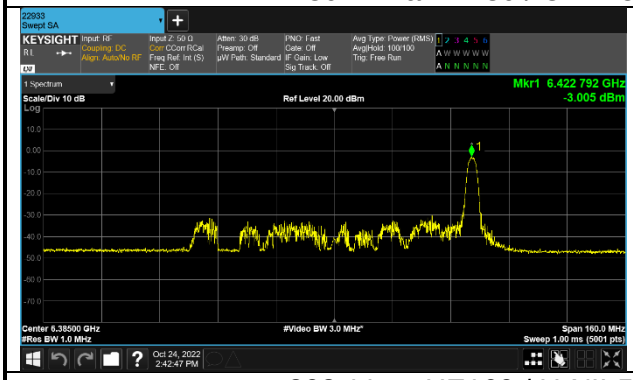
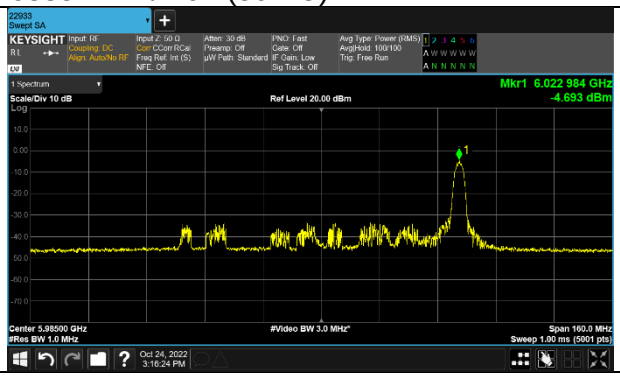
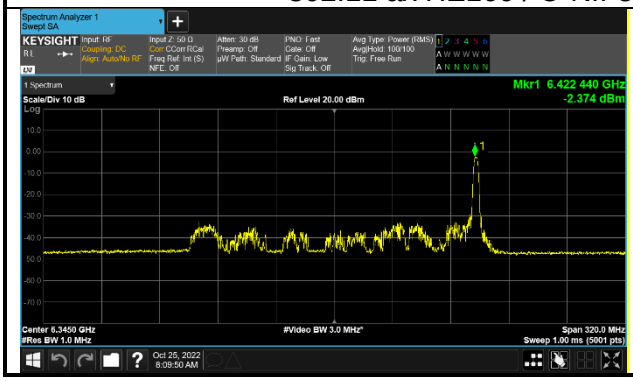
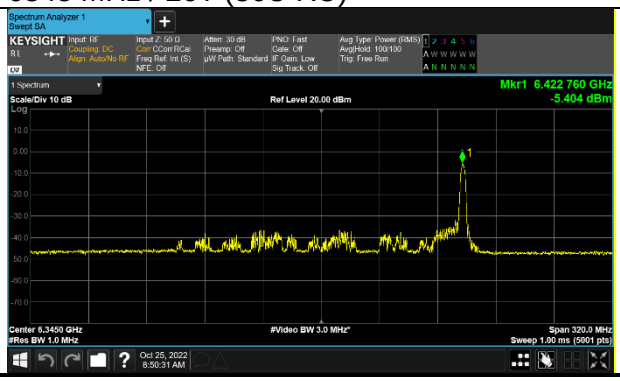
UNII-5 & 6 & 7 & 8
- 6CD (Dual Client)

ANT1	ANT2
802.11a/ U-NII-5 / 6415 MHz	
	
802.11 ax HE20 / U-NII-5 / 6415 MHz / 26T (8 RU)	
	
802.11 ax HE40 / U-NII-5 / 6405 MHz / 26T (17 RU)	
	

ANT1	ANT2
802.11 ax HE80 / U-NII-5 / 6385 MHz / 26T (36 RU)	
	
802.11 ax HE160 / U-NII-5 / 6185 MHz / 26T (36U RU)	
	

- 6XD (Indoor Client)

ANT1	ANT2
802.11a/ U-NII-6 / 6435 MHz	
	
802.11 ax HE20 / U-NII-5 / 6415 MHz / 26T (8 RU)	
	
802.11 ax HE40 / U-NII-5 / 5965 MHz / 26T (17 RU)	
	

ANT1	ANT2
802.11 ax HE80 / U-NII-5 / 6385 MHz / 26T (36 RU)	
	
802.11 ax HE160 / U-NII-5 / 6345 MHz / 26T (36U RU)	
	

10.2. IN-BAND EMISSIONS

LIMITS

FCC §15.407 (b) (7)

For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. 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, and 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. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

TEST PROCEDURE

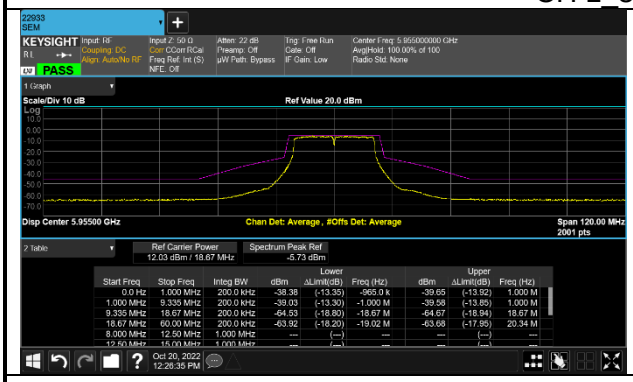
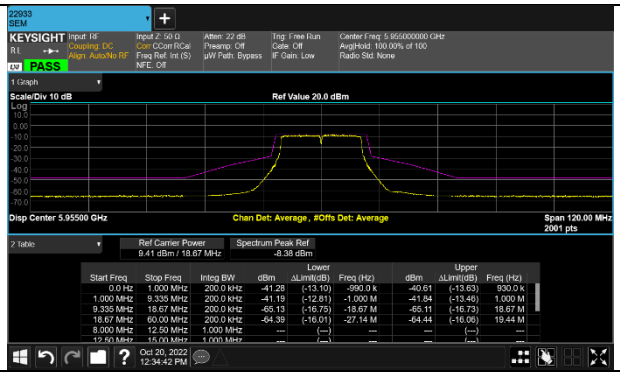
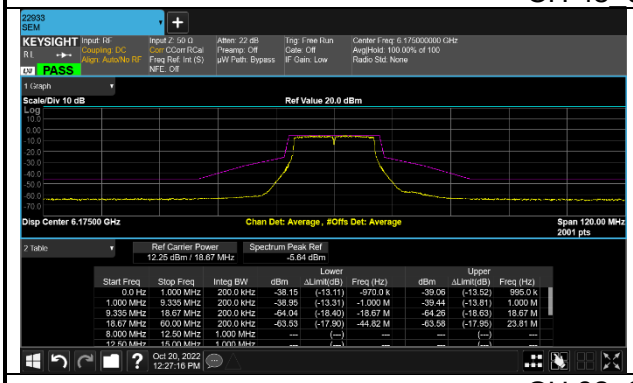
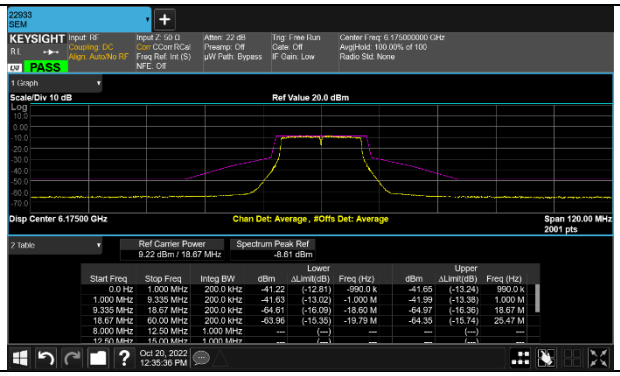
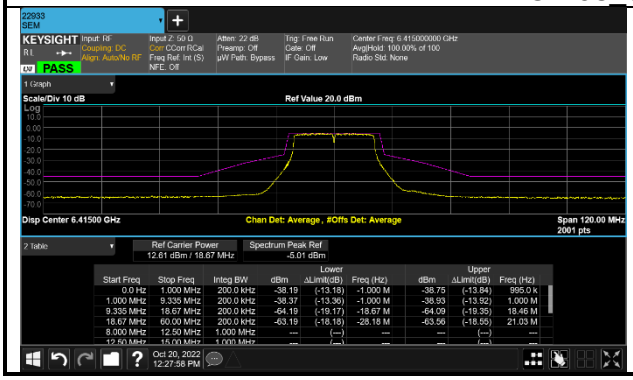
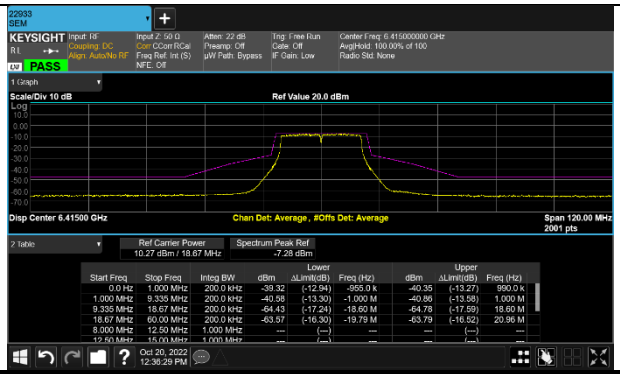
KDB 987594 D02

1. Connect output of antenna port to a spectrum analyzer, with appropriate attenuation, as to not damage the instrumentation.
2. Test reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Measure the 26dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013.
4. Measure the PSD (which will be used 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 $\geq$ 3 X RBW
   d) Number of points in sweep $\geq$ [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.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. 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.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

10.2.1. 802.11 a MODE

- 6CD

802.11 a / UNII-5

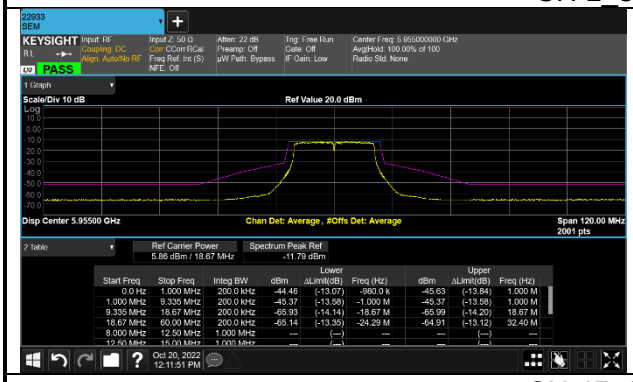
ANT1	ANT2
CH 1_5955 MHz	
	
CH 45_6175 MHz	
	
CH 93_6415 MHz	
	

- 6XD

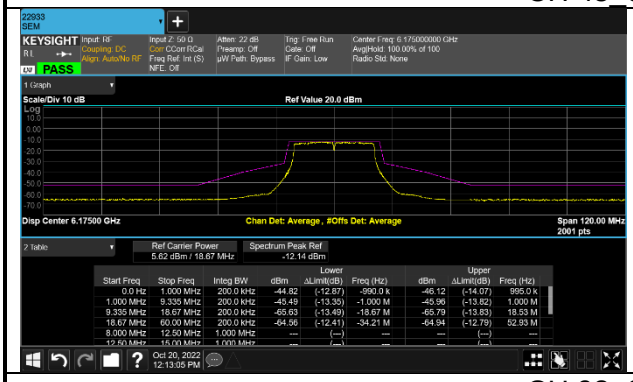
802.11 a / UNII-5

ANT1

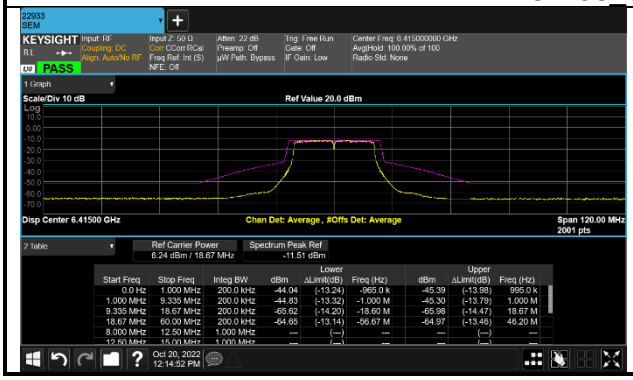
CH 1_5955 MHz



CH 45_6175 MHz



CH 93_6415 MHz



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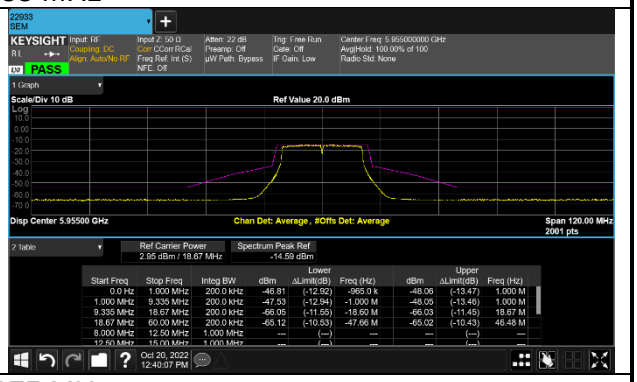
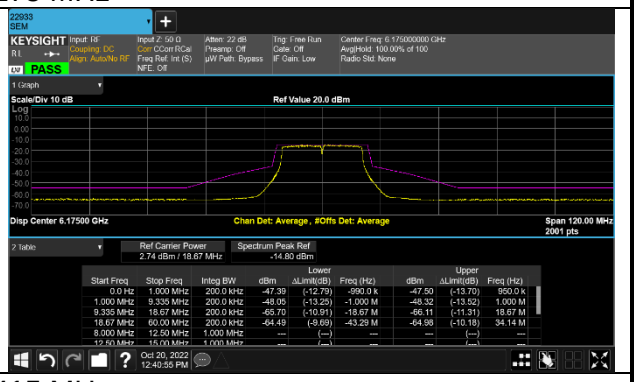
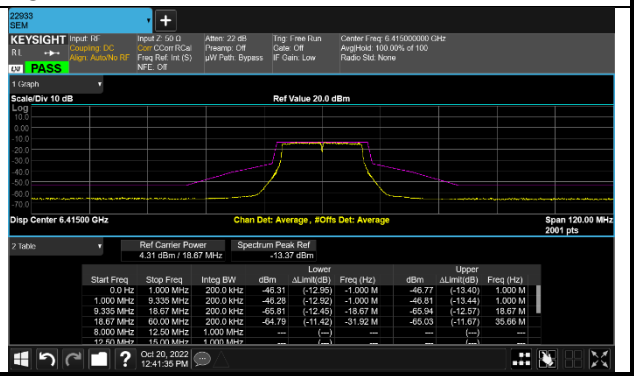




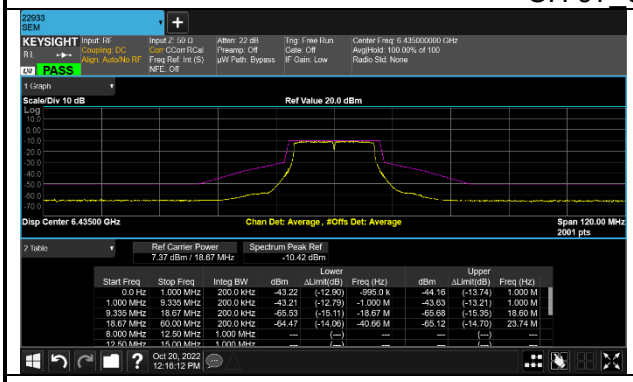


- 6XD

802.11 a / UNII-6

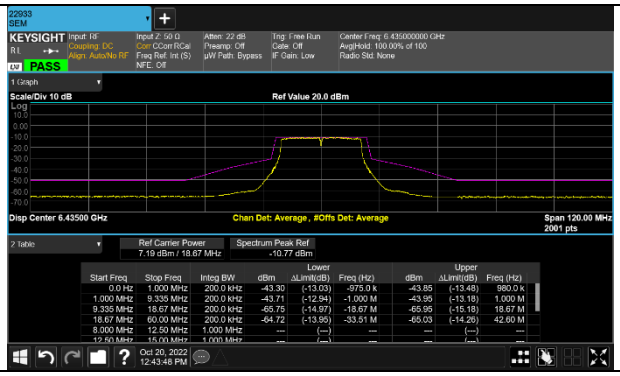
ANT1

CH 97_6435 MHz

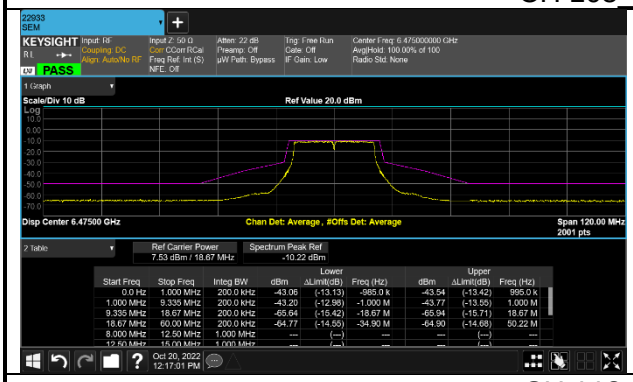


ANT2

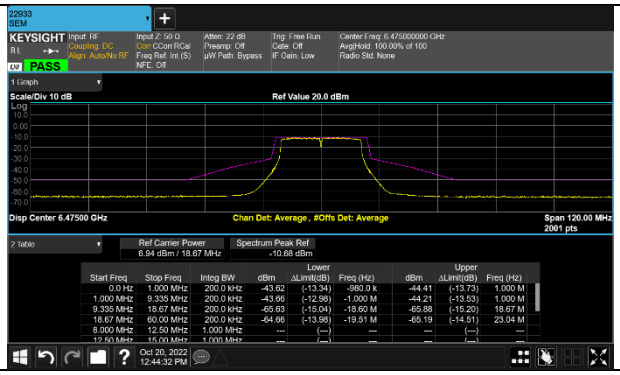
CH 97_6435 MHz



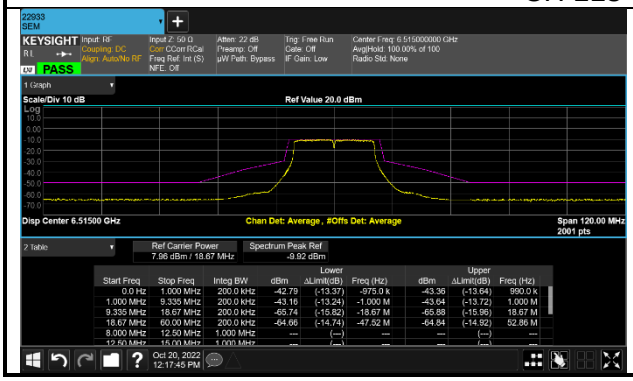
CH 105_6475 MHz



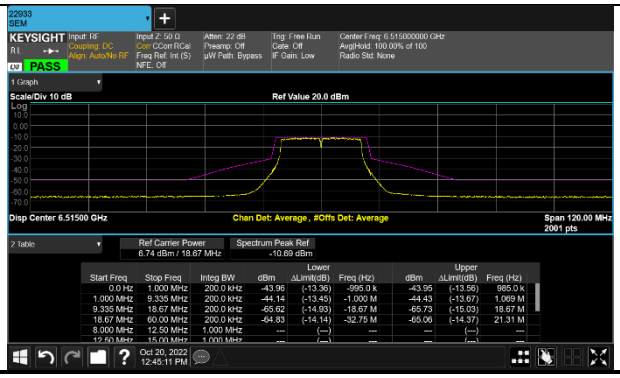
CH 105_6475 MHz



CH 113_6515 MHz



CH 113_6515 MHz

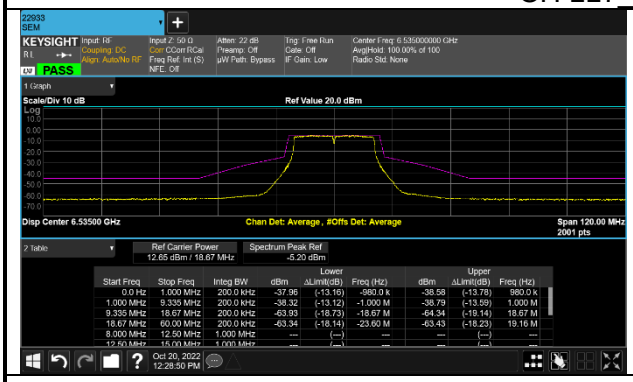


- 6CD

802.11 a / UNII-7

ANT1

CH 117_6535 MHz



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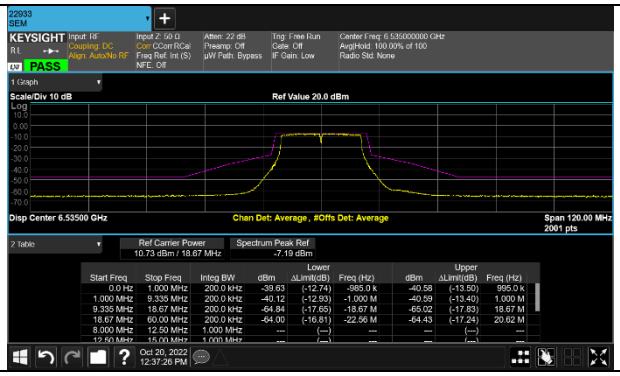
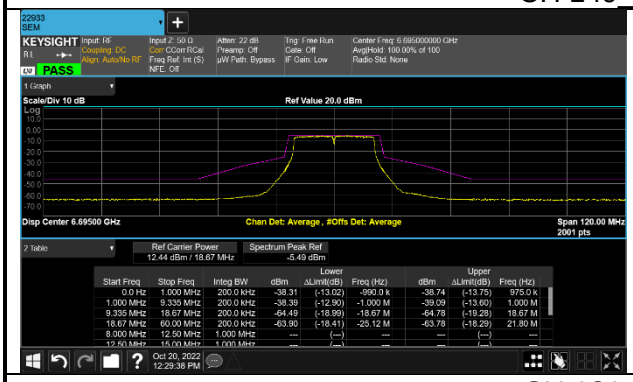
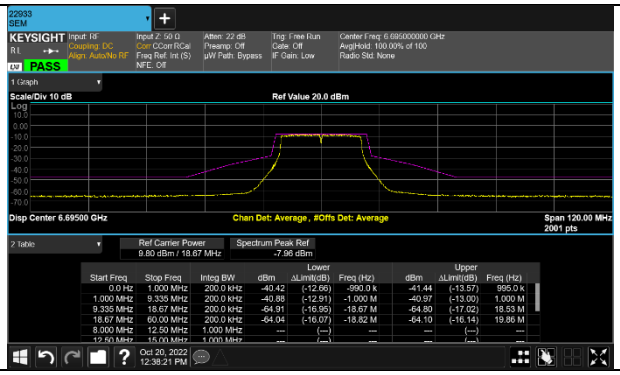


CH 149_6695 MHz





CH 181 6855 MHz