

CERTIFICATION TEST REPORT

Report Number. : 4790976580-E9V2

Applicant : SAMSUNG ELECTRONICS CO., LTD.
129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI,
GYEONGGI-DO, 16677, KOREA

Model : SC-51E, SCG25

FCC ID : A3LSMS921JPN

EUT Description : GSM/WCDMA/LTE 5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax,
NFC and WPT

Test Standard(s) : FCC 47 CFR PART 15 SUBPART E
6 GHZ LOW POWER DUAL CLIENT (6CD)

Date Of Issue:

2024-01-31

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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V1	2024-01-24	Initial issue	Jaejin Lee
V2	2024-01-31	Updated to address TCB's question	Jaejin 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 and WPT

MODEL NUMBER: SC-51E, SCG25

SERIAL NUMBER: R3CW90BXLKA, R3CW90BXLGJ (CONDUCTED, Original);
R3CW90BXLCD, R3CW90BXLFV (RADIATED, Original);
R3CWB0FGX5Z, R3CWB0FGXEX (RADIATED, Spot-check);

DATE TESTED: 2023-08-28 ~ 2023-10-27 (Original);
2023-12-12 ~ 2024-01-24 (Spot-check);

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
47 CFR 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.

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Tested By:



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1.1. INTRODUCTION OF TEST DATA REUSE

This report referenced from the FCC ID: A3LSMS921U 6CD WLAN(FCC CFR 47 Part 15E). And the applicant takes full responsibility that the test data as referenced in this report represent compliance for this FCC ID.

1.2. DIFFERENCE

The A3LSMS921JPN model shares the same enclosure and circuit board except WWAN bands as A3LSMS921U. The WLAN antennas and surrounding circuitry and layout are identical between these two units.

After confirming through preliminary radiated emissions that the performance of the A3LSMS921JPN remains representative of A3LSMS921U. The test data of A3LSMS921U being submitted for this application to cover WLAN features.

1.3. SPOT CHECK VERIFICATION DATA

(Worst case of the radiated band-edge and radiated spurious emissions)

Band	Test Item	Mode	Frequency	Test Limit	Original model		Spot check model		Deviation	Remark
					SM-S921U Results		SC-51E Results			
					FCC ID : A3LSMS921U		FCC ID : A3LSMS921JPN			
NII-5	Band-edge	802.11a_5955 MIMO	5955 MHz	68.00 dBuV/m	44.09 dBuV/m	45.65 dBuV/m	45.65 dBuV/m	1.56 dB		
	Spurious	802.11a_5955 MIMO	14887 MHz	68.20 dBuV/m	53.46 dBuV/m	53.38 dBuV/m	53.38 dBuV/m	-0.08 dB		
NII-6	Spurious	802.11a_6515 MIMO	13030 MHz	68.20 dBuV/m	54.00 dBuV/m	52.56 dBuV/m	52.56 dBuV/m	-1.44 dB		
NII-7	Spurious	802.11a_6695 MIMO	13390 MHz	54.00 dBuV/m	41.84 dBuV/m	39.84 dBuV/m	39.84 dBuV/m	-2.00 dB		
NII-8	Band-edge	802.11a_7115 MIMO	7115 MHz	68.00 dBuV/m	61.60 dBuV/m	59.23 dBuV/m	59.23 dBuV/m	-2.37 dB		
	Spurious	802.11a_6895 MIMO	13790 MHz	68.20 dBuV/m	55.97 dBuV/m	51.75 dBuV/m	51.75 dBuV/m	-4.22 dB		
NII-5 (11ax)	Band-edge	802.11ax_HE80_5985_SU MIMO	5985 MHz	68.00 dBuV/m	52.35 dBuV/m	52.33 dBuV/m	52.33 dBuV/m	-0.02 dB		
	Spurious	802.11ax_HE20_6415_52T_RU37 MIMO	12830 MHz	68.20 dBuV/m	57.53 dBuV/m	52.27 dBuV/m	52.27 dBuV/m	-5.26 dB		
NII-6 (11ax)	Spurious	802.11ax_HE20_6475_106T_RU53 MIMO	12950 MHz	68.20 dBuV/m	54.27 dBuV/m	51.89 dBuV/m	51.89 dBuV/m	-2.38 dB		
NII-7 (11ax)	Spurious	802.11ax_HE20_6695_52T_RU37 MIMO	16738 MHz	68.20 dBuV/m	56.08 dBuV/m	56.56 dBuV/m	56.56 dBuV/m	0.48 dB		
NII-8 (11ax)	Band-edge	802.11ax_HE20_7115_SU MIMO	7115 MHz	68.00 dBuV/m	59.46 dBuV/m	58.13 dBuV/m	58.13 dBuV/m	-1.33 dB		
	Spurious	802.11ax_HE20_6895_106T_RU54 MIMO	17238 MHz	68.20 dBuV/m	57.86 dBuV/m	57.44 dBuV/m	57.44 dBuV/m	-0.42 dB		

Comparison of two models, upper deviation is within 3 dB range and all test results are under FCC Technical Limits.

1.4. REFERENCE DETAIL

Reference application that contains the reused reference data in the individual test reports:

Equipment Class	Reference FCC ID (Parent)	Application Type	Reference Test report number	Exhibit Type	Variant Test Report Number	Data Re-used
DTS	A3LSMS921U	Original Grant	4790976523-E7 (802.11b/g/n/ax)	Test Report	4790976580-E5 (802.11b/g/n/ax)	All
NII	A3LSMS921U	Original Grant	4790976523-E10 (802.11a/n/ac/ax)	Test Report	4790976580-E8 (802.11a/n/ac/ax)	Partial (Note)
6CD	A3LSMS921U	Original Grant	4790976523-E11 (802.11a/ax)	Test Report	4790976580-E9 (802.11a/ax)	All

Note. At the customer's request, the target power was reduced at some points, so only those points were retested and the rest were spot-checked. Please refer to the NII report for related information.

2. TEST METHODOLOGY

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

1. FCC 47 CFR Part 2.
2. FCC 47 CFR Part 15.
3. KDB 789033 D02 General UNII Test Procedures New Rules v02r01
4. KDB 987594 D02 U-NII 6 GHz EMC Measurement v02v01
5. KDB 662911 D01 v02r01
6. KDB 484596 D01 Referencing Test Data v02r02
7. 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	
<input checked="" type="checkbox"/>	Chamber 1(3m semi-anechoic chamber)
<input checked="" type="checkbox"/>	Chamber 2(3m semi-anechoic chamber)
<input checked="" type="checkbox"/>	Chamber 3(3m semi-anechoic chamber)
<input type="checkbox"/>	Chamber 4(3m Full-anechoic chamber)
<input type="checkbox"/>	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:

$$\begin{aligned} \text{Field Strength (dBuV/m)} &= \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \\ &\text{Cable Loss (dB)} - \text{Preamp Gain (dB)} \\ 36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} &= 28.9 \text{ dBuV/m} \end{aligned}$$

$$\begin{aligned} \text{AC Corrected Reading (dBuV)} &= \text{Measured Voltage (dBuV)} + \text{Extension Cord} \\ &\text{Loss (dB)} + \text{Cable Loss (dB)} \\ 44.72 \text{ dBuV} &= 34.72 \text{ dBuV} + 9.9 \text{ dB} + 0.1 \text{ dB} \end{aligned}$$

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	2.80 dB
Radiated Disturbance, 9 kHz to 30 MHz	1.69 dB
Radiated Disturbance, 30 MHz to 1 GHz	3.92 dB
Radiated Disturbance, 1 GHz to 18 GHz	5.06 dB
Radiated Disturbance, Above 18 GHz	6.02 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 115:2021.

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 and WPT. This test report addresses the DTS (WLAN) operational mode.

Representative model	Difference	Derivative model
		SCG25
SC-51E	Hardware	Same as SC-51E
	Software	Different UI

The model SC-51E was used for final testing and is representative of the test results in this report.

WiFi operating mode

Frequency range	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

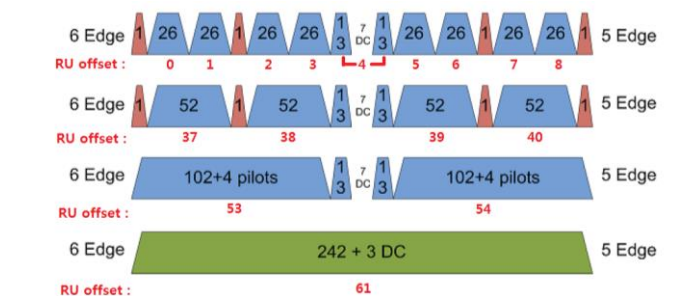
Simultaneous TX Condition

Simultaneous Tx Condition - RSDB

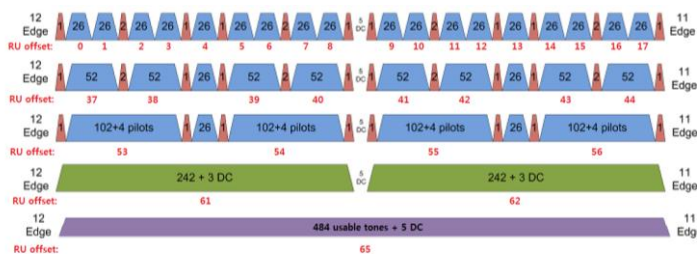
Mode	# of TX	5GHz WLAN		2.4GHz WLAN		Test Case
		ANT1	ANT2	ANT1	ANT2	
2.4GHz MIMO + 5GHz MIMO	4	○	○	○	○	○
2.4GHz MIMO + 6GHz MIMO	4	○	○	○	○	○

Note. Simultaneous transmission with the Bluetooth and Wi-Fi were investigated, and no noticeable emission was found.

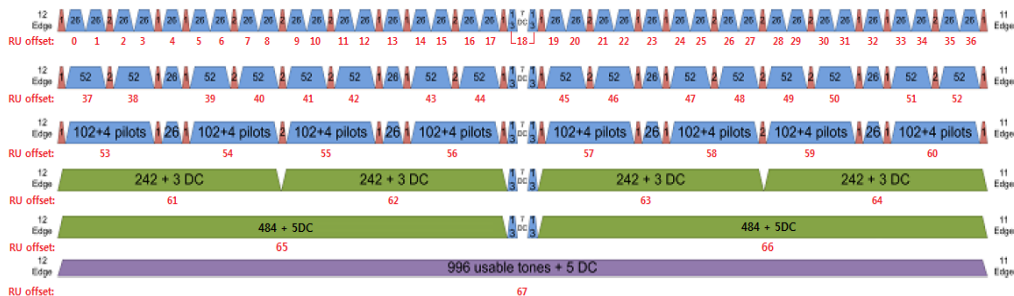
802.11ax RU allocations



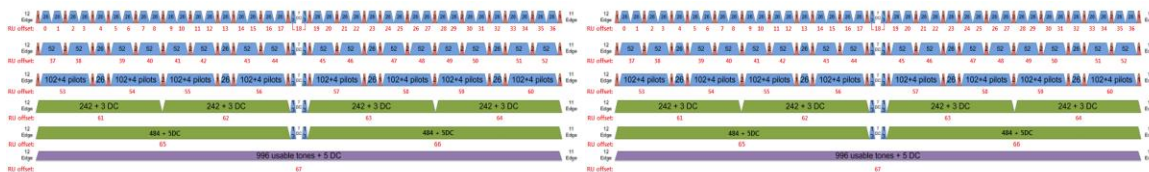
- HE 20 Mode -



- 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) 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)

MAXIMUM OUTPUT POWER

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

- Standard Power client mode(SP)

Band	Frequency Range [MHz]	Mode	Output Power [dBm]	Output Power [mW]	e.i.r.p [dBm]	e.i.r.p [mW]
UNII-5	5955 – 6415	802.11a MIMO	18.66	73.45	16.28	42.46
		802.11ax(HE20) MIMO	18.59	72.28	16.21	41.78
		802.11ax(HE40) MIMO	18.32	67.92	15.94	39.26
		802.11ax(HE80) MIMO	18.32	67.92	15.94	39.26
		802.11ax(HE160) MIMO	16.89	48.87	14.51	28.25
UNII-7	6535 – 6875	802.11a MIMO	18.41	69.34	13.72	23.55
		802.11ax(HE20) MIMO	18.15	65.31	13.46	22.18
		802.11ax(HE40) MIMO	18.19	65.92	13.50	22.39
		802.11ax(HE80) MIMO	18.08	64.27	13.39	21.83
		802.11ax(HE160) MIMO	16.51	44.77	11.82	15.21

- Low Power client mode(LP)

Band	Frequency Range [MHz]	Mode	Output Power [dBm]	Output Power [mW]	e.i.r.p [dBm]	e.i.r.p [mW]
UNII-5	5955 – 6415	802.11a MIMO	11.77	15.03	9.39	8.69
		802.11ax(HE20) MIMO	12.18	16.52	9.80	9.55
		802.11ax(HE40) MIMO	14.49	28.12	12.11	16.26
		802.11ax(HE80) MIMO	16.24	42.07	13.86	24.32
		802.11ax(HE160) MIMO	16.64	46.13	14.26	26.67
UNII-6	6435 – 6515	802.11a MIMO	12.28	16.90	8.25	6.68
		802.11ax(HE20) MIMO	12.06	16.07	8.03	6.35
		802.11ax(HE40) MIMO	14.30	26.92	10.27	10.64
		802.11ax(HE80) MIMO	15.95	39.36	11.92	15.56
		802.11ax(HE160) MIMO	16.33	42.95	12.30	16.98
UNII-7	6535 – 6875	802.11a MIMO	12.37	17.26	7.68	5.86
		802.11ax(HE20) MIMO	12.54	17.95	7.85	6.10
		802.11ax(HE40) MIMO	14.16	26.06	9.47	8.85
		802.11ax(HE80) MIMO	16.00	39.81	11.31	13.52
		802.11ax(HE160) MIMO	16.56	45.29	11.87	15.38
UNII-8	6895 - 7115	802.11a MIMO	12.19	16.56	7.71	5.90
		802.11ax(HE20) MIMO	12.04	16.00	7.56	5.70
		802.11ax(HE40) MIMO	14.28	26.79	9.80	9.55
		802.11ax(HE80) MIMO	15.90	38.90	11.42	13.87
		802.11ax(HE160) MIMO	16.29	42.56	11.81	15.17

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]
UNII 5 5925 – 6425	-4.25	-6.70	-2.38
UNII 6 6425 – 6525	-6.01	-8.21	-4.03
UNII 7 6525 – 6875	-7.22	-8.21	-4.69
UNII 8 6875 - 7125	-7.53	-7.45	-4.48

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 = $10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dBi.

Sample calculation for this device with $N_{ANT} = 2$

Correlated Directional gain = $10 \log[(10^{-7.52/20} + 10^{-5.51/20})^2 / 2] = -3.45$ dBi

“Wi-Fi1” and “Wi-Fi2” as indicated in antenna specification are written as ANT1 and ANT2 in this report.

5.3. WORST-CASE CONFIGURATION AND MODE

This device supports dual client mode: standard power client mode (SP) in UNII-5 & UNII-7, and low power indoor client mode (LP) in UNII-5 to UNII-8.

For radiated test, UNII-5 & UNII-7 were done against SP mode and UNII-6 & UNII-8 were tested with LP mode. The fundamentals of the EUT were investigated in three orthogonal orientations X, Y and Z on 2TX MIMO mode. It was determined that Y orientation was the worst-case orientation for 2TX MIMO mode.

Both SISO and MIMO have been investigated and confirmed MIMO was the worst case set for radiated band edge and spurious emission tests.

Radiated and power line conducted tests were performed with EUT connected to AC power adapter as the worst-case configuration. Radiated harmonics spurious 1~18 GHz Low/Mid/High channels, 18-40GHz were performed with the EUT set at the 2TX MIMO 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.

For Radiated spurious test, 802.11a 2TX mode has equal or higher output power and PSD results than other modes and therefore, it was set for full test. Spot-check was performed in 802.11ax 2TX RU modes.

For Radiated band-edge test, 802.11a 2TX, 802.11ax 2TX SU mode were fully tested except 802.11ax 2TX partial RU modes. 802.11ax SU mode resulted in radiated band-edge test is worse than partial RU modes; therefore, only SU mode was reported.

For output power and PSD tests, 802.11ax mode were investigated among all different tones and following RU tones were set for final test:

Output power test:

HE20/HE40/HE80/HE160 were tested with SU mode and all partial RU tones except full RU as it has same or low power level and same physical waveform as SU mode.

PSD/In band emission tests:

SP client was tested with SU mode and RU 26Tones for HE20/HE40/HE80/160 modes;
LP client was tested with SU mode and RU 242Tones for HE40/HE80/HE160 modes;
SU mode and RU 106Tones were set for HE20 mode.

Simultaneous transmission with Bluetooth and Wi-Fi were investigated, and no noticeable emission was found.

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

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
802.11ax HE160 mode: MCS0 2Tx

5.4. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Charger	SAMSUNG	EP-TA800	R37W61WENTASEA	N/A
Data Cable	SAMSUNG	EP-DN980	GH39-02117A	N/A

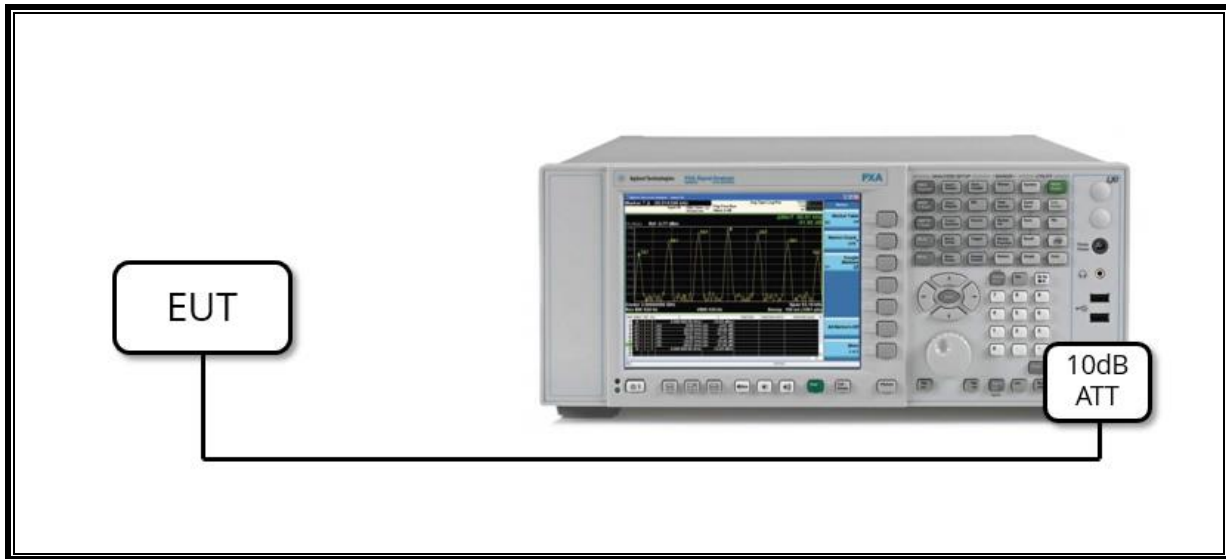
I/O CABLE

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

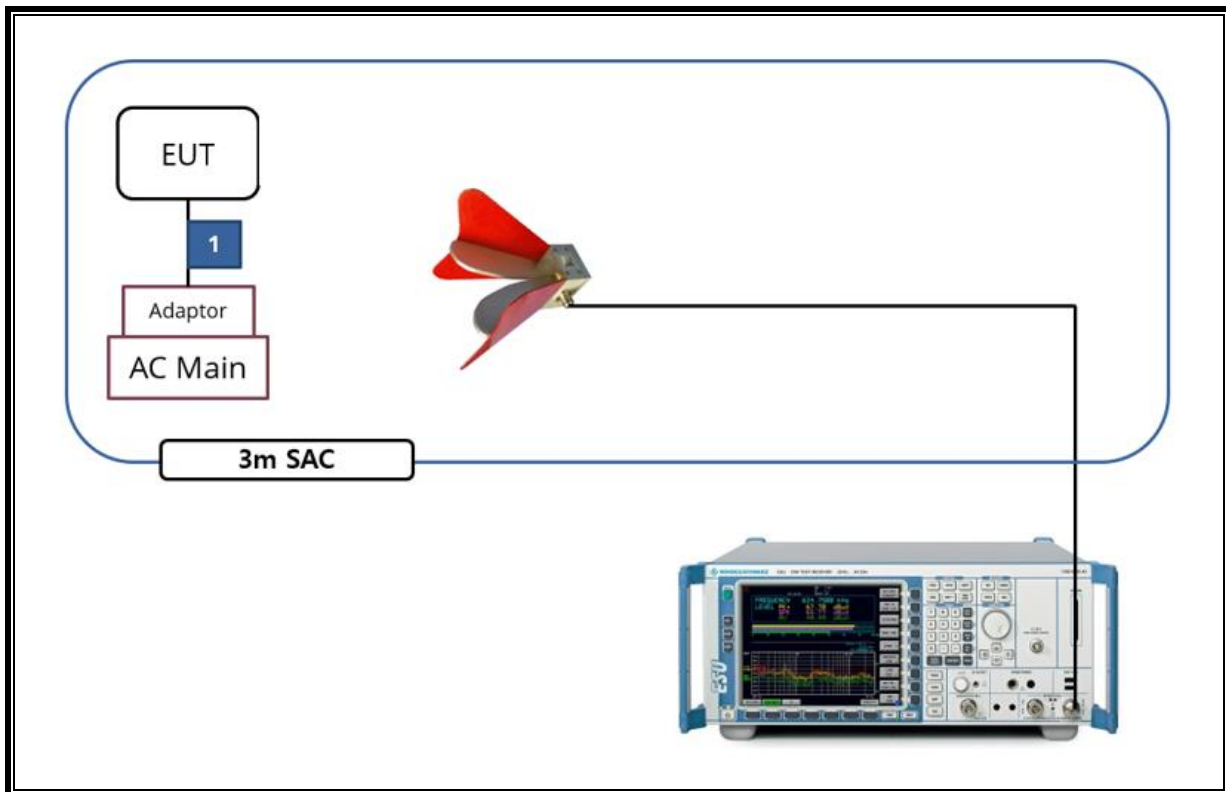
TEST SETUP

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

SETUP DIAGRAM FOR TESTS (CONDUCTED TEST SETUP)



SETUP DIAGRAM FOR TESTS (RADIATED TEST SETUP)



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	749	2024-08-15
Antenna, Horn, 18 GHz	ETS	3117	00168724	2024-08-04
Antenna, Horn, 18 GHz	ETS	3117	00168717	2024-08-21
Antenna, Horn, 40 GHz	ETS	3116C	00166155	2024-08-02
Preamplifier	ETS	3115-PA	00167475	2024-07-25
Preamplifier	ETS	3116C-PA	00168841	2024-07-25
Preamplifier, 1000 MHz	Sonoma	310N	341282	2024-07-24
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1896138	2024-07-25
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	2029169	2024-07-24
Spectrum Analyzer, 44 GHz	Agilent / HP	N9030A	MY54170614	2024-07-25
Spectrum Analyzer, 44 GHz	Agilent / HP	N9030A	MY54490312	2024-07-24
Spectrum Analyzer, 44 GHz	KEYSIGHT	N9040B	MY60080268	2025-01-03
Average Power Sensor	Agilent / HP	U2000	MY54270007	2024-07-23
Average Power Sensor	Agilent / HP	U2000	MY54260010	2024-07-24
Attenuator	PASTERNAK	PE7087-10	A001	2024-07-23
Attenuator	PASTERNAK	PE7087-10	A008	2024-07-27
Attenuator	PASTERNAK	PE7004-10	2	2024-07-23
Attenuator	PASTERNAK	PE7087-10	A009	2024-07-24
EMI Test Receive, 40 GHz	R&S	ESU40	100439	2024-07-23
EMI Test Receive, 40 GHz	R&S	ESU40	100457	2024-07-24
EMI Test Receive, 3 GHz	R&S	ESR3	101832	2024-07-23
Notch Filter	Micro-Tronics	BRM50702-02	G037	2024-07-24
Notch Filter	Micro-Tronics	BRM50716-2	006	2024-07-24
Low Pass Filter 5GHz	Micro-Tronics	LPS17541	020	2024-07-24
High Pass Filter 3GHz	Micro-Tronics	HPM17543	020	2024-07-24
High Pass Filter 7.2 GHz	Micro-Tronics	HPM50107	G063	2024-07-24
LISN	R&S	ENV-216	101836	2024-07-23
Antenna, Loop, 9kHz-30MHz	R&S	HFH2-Z2	100418	2025-09-06
Termination	WEINSCHL	M1406A	T09	2024-07-23
Attenuator	WEINSCHL	WA76-30-21	A015	2024-07-24
Vector SG	R&S	SMW200A	110251	2024-08-26
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	Conducted	Complies
2.1046 15.407(a)(1)	TX Cond. Power	N/A		Complies
15.407(a)(8)	Maximum Power Spectral Density	< -1dBm/MHz e.i.r.p		Complies
15.407(a)(8)	Maximum Radiated Output Power	< 24 dBm over the frequency band of operation		Complies
15.407(b)(7)	In-band Emissions	EUT must meet the limits detailed in 15.407(b)(7)		Complies
15.407(d)(6)	Contention Based Protocol	EUT must detect AWGN signal with 90% (or better) certainty		Complies
15.407(b)(9)	AC Power Line conducted emissions	< FCC 15.207 limits		Complies
15.407(b)(6)	Undesirable Emissions	< -27 dBm/MHz e.i.r.p outside of the 5.925 – 7.125 GHz Band	Radiated	Complies
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		Complies

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.a (Method PM) /
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.

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	2.828	2.927	0.97	96.62	0.15

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	2.597	2.615	0.99	99.31	0.00
		106T	1.437	1.455	0.99	98.76	0.00
		SU	5.452	5.472	1.00	99.63	0.00
802.11ax HE40	MIMO	26T	2.595	2.614	0.99	99.27	0.00
		242T	0.676	0.693	0.97	97.49	0.11
		SU	5.451	5.470	1.00	99.65	0.00
802.11ax HE80	MIMO	26T	2.596	2.614	0.99	99.31	0.00
		242T	0.676	0.694	0.97	97.48	0.11
		SU	5.451	5.470	1.00	99.65	0.00
802.11ax HE160	MIMO	26T	2.596	2.615	0.99	99.27	0.00
		242T	0.676	0.694	0.97	97.43	0.11
		SU	5.451	5.471	1.00	99.63	0.00

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

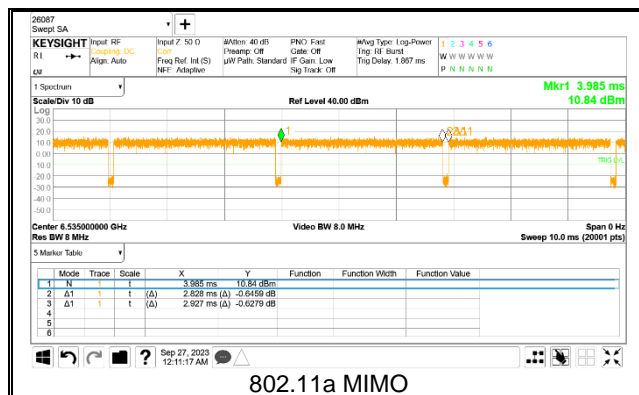
LIMITS

None; for reporting purposes only.

PROCEDURE

KDB 789033 D02 v02r01 Zero-Span Spectrum Analyzer Method.

DUTY CYCLE PLOTS



9.2. 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.

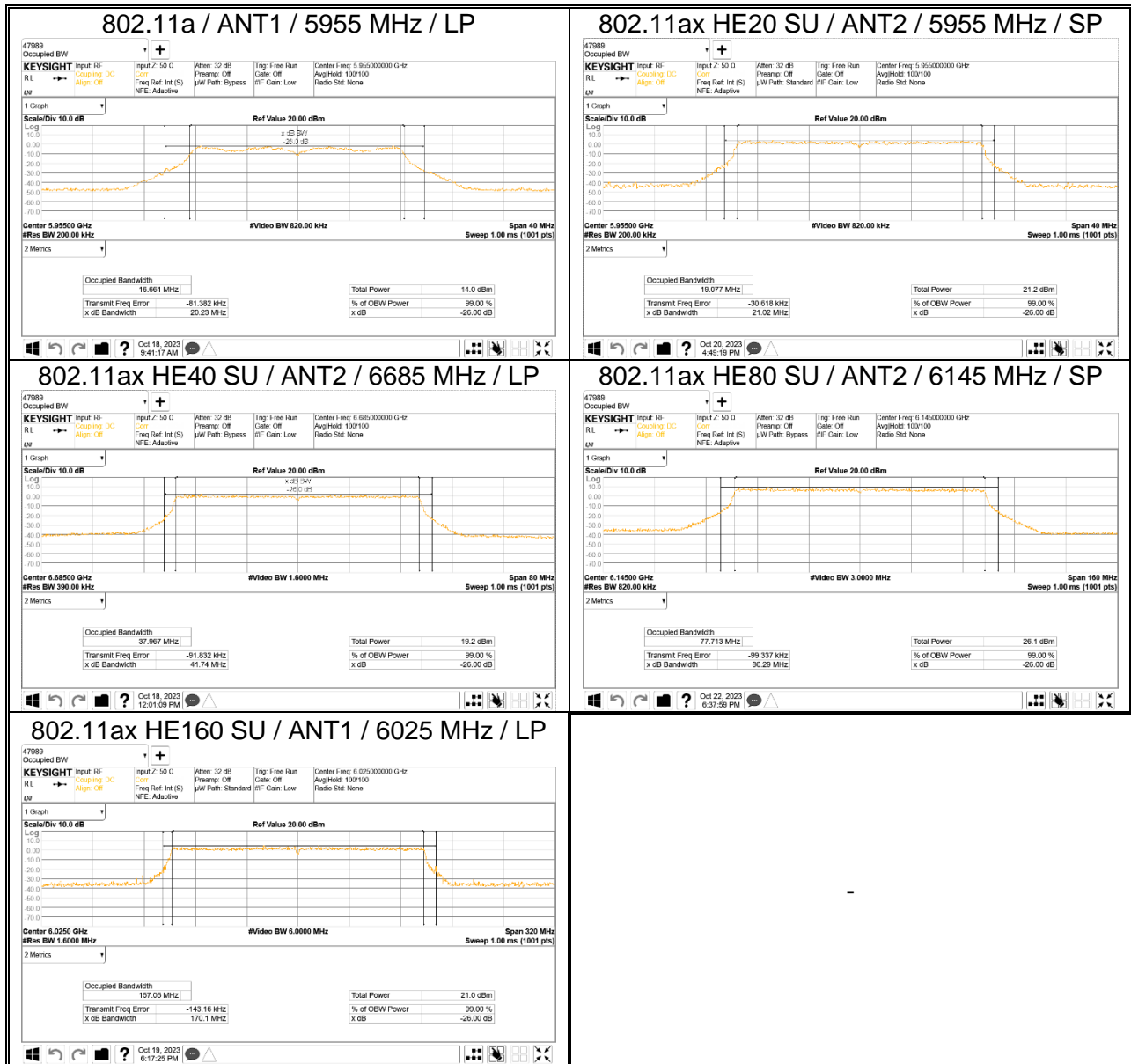
RESULTS

- 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



9.2.1. 802.11a

Band	Ch.	Center Freq. [MHz]	26 dB BW [MHz]				Worst	99% BW [MHz]			
			SP		LP			SP		LP	
			ANT1	ANT2	ANT1	ANT2		ANT1	ANT2	ANT1	ANT2
UNII-5	1	5955	21.10	21.47	20.23	21.29	20.23	17.813	17.708	16.661	16.589
	45	6175	21.29	21.04	20.39	21.20		17.896	19.069	16.657	16.587
	93	6415	20.76	21.32	20.56	21.16		17.651	17.692	16.618	16.609
UNII-6	97	6435			20.61	21.16	20.58			16.578	16.580
	105	6475			20.58	21.23				16.565	16.579
	113	6515			20.63	21.14				16.547	16.592
UNII-7	117	6535	20.69	21.25	20.65	21.12	20.65	17.660	17.691	16.562	16.581
	149	6695	20.80	21.18	20.78	21.14		17.544	17.699	16.512	16.593
	181	6855	24.25	21.23				17.694	17.707		
	185	6875			20.86	21.26				16.498	16.592
UNII-8	189	6895			20.83	21.19	20.83			16.495	16.606
	209	6995			21.01	21.15				16.535	16.593
	233	7115			21.01	21.09				16.558	16.593

9.2.2. 802.11ax HE20

Band	Ch.	Center Freq. [MHz]	26 dB BW [MHz]				Worst	99% BW [MHz]			
			SP		LP			SP		LP	
			ANT1	ANT2	ANT1	ANT2		ANT1	ANT2	ANT1	ANT2
UNII-5	1	5955	21.32	21.02	21.65	21.63	21.02	19.052	19.077	19.011	19.085
	45	6175	21.51	21.52	21.45	21.46		19.048	19.049	19.026	19.051
	93	6415	21.31	21.47	21.37	21.41		19.048	19.030	19.046	19.047
UNII-6	97	6435			21.67	21.60	21.27			19.043	19.076
	105	6475			21.59	21.57				19.018	19.042
	113	6515			21.44	21.27				19.067	19.053
UNII-7	117	6535	21.34	21.79	21.44	21.85	21.33	19.058	19.057	19.048	19.102
	149	6695	21.33	21.46	21.47	21.50		19.039	19.039	19.052	19.043
	181	6855	23.20	21.47				19.135	19.078		
	185	6875			21.50	21.98				19.051	19.045
UNII-8	189	6895			21.55	21.70	21.28			19.013	19.061
	209	6995			21.36	21.93				19.028	19.071
	233	7115			21.54	21.28				19.045	19.080

9.2.3. 802.11ax HE40

Band	Ch.	Center Freq. [MHz]	26 dB BW [MHz]				Worst	99% BW [MHz]			
			SP		LP			SP		LP	
			ANT1	ANT2	ANT1	ANT2		ANT1	ANT2	ANT1	ANT2
UNII-5	3	5965	42.07	42.02	42.21	41.87	41.84	37.988	37.992	38.012	37.978
	43	6165	42.70	42.13	42.43	41.90		37.957	37.970	37.974	37.971
	91	6405	42.24	42.19	42.10	41.84		37.960	37.961	37.982	37.966
UNII-6	99	6445			42.09	42.02	41.96			37.910	37.935
	115	6525			41.96	42.14				37.970	37.933
UNII-7	123	6565	42.33	42.68	42.76	42.12	41.74	37.963	37.957	37.923	37.954
	147	6685	42.34	42.03	41.81	41.74		37.991	37.965	37.973	37.967
	179	6845	48.86	41.99	42.29	42.06		38.123	37.956	37.972	37.997
UNII-8	187	6885			42.47	42.02	41.76			37.965	38.009
	203	6965			42.48	41.76				37.965	37.958
	227	7085			41.86	41.87				37.943	37.945

9.2.4. 802.11ax HE80

Band	Ch.	Center Freq. [MHz]	26 dB BW [MHz]				Worst	99% BW [MHz]			
			SP		LP			SP		LP	
			ANT1	ANT2	ANT1	ANT2		ANT1	ANT2	ANT1	ANT2
UNII-5	7	5985	87.93	87.56	88.75	87.60	86.29	77.846	77.809	77.889	77.786
	39	6145	89.09	86.29	86.88	87.62		77.925	77.713	77.758	77.736
	87	6385	88.60	86.95	87.89	87.14		77.847	77.769	77.808	77.756
UNII-6	103	6465			89.87	87.33	87.33			77.861	77.787
UNII-7	119	6545			89.16	87.81	86.89			77.777	77.766
	135	6625	90.37	87.29				77.965	77.691		
	151	6705	87.73	88.10	87.34	87.82		77.862	77.775	77.783	77.759
	167	6785	89.68	87.17				77.943	77.801		
	183	6865			88.54	86.89				77.915	77.724
UNII-8	199	6945			88.16	87.52	86.98			77.797	77.707
	215	7025			88.02	86.98				77.793	77.746

9.2.5. 802.11ax HE160

Band	Ch.	Center Freq. [MHz]	26 dB BW [MHz]				Worst	99% BW [MHz]			
			SP		LP			SP		LP	
			ANT1	ANT2	ANT1	ANT2		ANT1	ANT2	ANT1	ANT2
UNII-5	15	6025	173.0	171.7	170.1	171.9	170.1	157.30	157.25	157.05	157.00
	47	6185	174.2	171.5	173.7	170.9		157.32	157.16	157.41	156.99
	79	6345	173.1	172.7	174.2	173.2		157.09	156.94	157.21	157.01
UNII-6	111	6505			174.5	171.8	171.8			157.24	157.05
UNII-7	143	6665	175.1	172.9	173.2	172.8	172.6	157.11	157.09	157.12	157.10
	175	6825			174.2	172.6				157.41	157.26
UNII-8	207	6985			174.3	171.3	171.3			157.44	157.04

10. ANTENNA PORT TEST RESULTS

10.1. OUTPUT POWER AND PPSD

LIMITS

FCC §15.407 (a) (7) and (8)

For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

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 PPSD. RBW set to 1MHz, the VBW $\geq 3 \times$ RBW, RMS detector and trace averaging. 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]
UNII 5 5925 – 6425	-4.25	-6.70	-2.38
UNII 6 6425 – 6525	-6.01	-8.21	-4.03
UNII 7 6525 – 6875	-7.22	-8.21	-4.69
UNII 8 6875 - 7125	-7.53	-7.45	-4.48

10.1.1. 802.11a MODE

Output Power Results

- SP

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	15.22	14.79	18.02	-2.38	15.64	30.00
	45	6175	15.55	15.41	18.49	-2.38	16.11	
	93	6415	15.60	15.69	18.66	-2.38	16.28	
UNII-7	117	6535	15.70	15.07	18.41	-4.69	13.72	
	149	6695	15.62	15.08	18.37	-4.69	13.68	
	181	6855	15.49	15.28	18.40	-4.69	13.71	

- LP

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	8.57	8.41	11.50	-2.38	9.12	24.00
	45	6175	8.53	8.57	11.56	-2.38	9.18	
	93	6415	8.82	8.69	11.77	-2.38	9.39	
UNII-6	97	6435	9.57	8.93	12.27	-4.03	8.24	
	105	6475	9.44	8.78	12.13	-4.03	8.10	
	113	6515	9.75	8.74	12.28	-4.03	8.25	
UNII-7	117	6535	9.68	8.76	12.25	-4.69	7.56	
	149	6695	9.68	9.02	12.37	-4.69	7.68	
	185	6875	9.75	7.95	11.95	-4.69	7.26	
UNII-8	189	6895	9.65	7.98	11.91	-4.48	7.43	
	209	6995	9.68	7.72	11.82	-4.48	7.34	
	233	7115	9.69	8.60	12.19	-4.48	7.71	

* 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
- SP

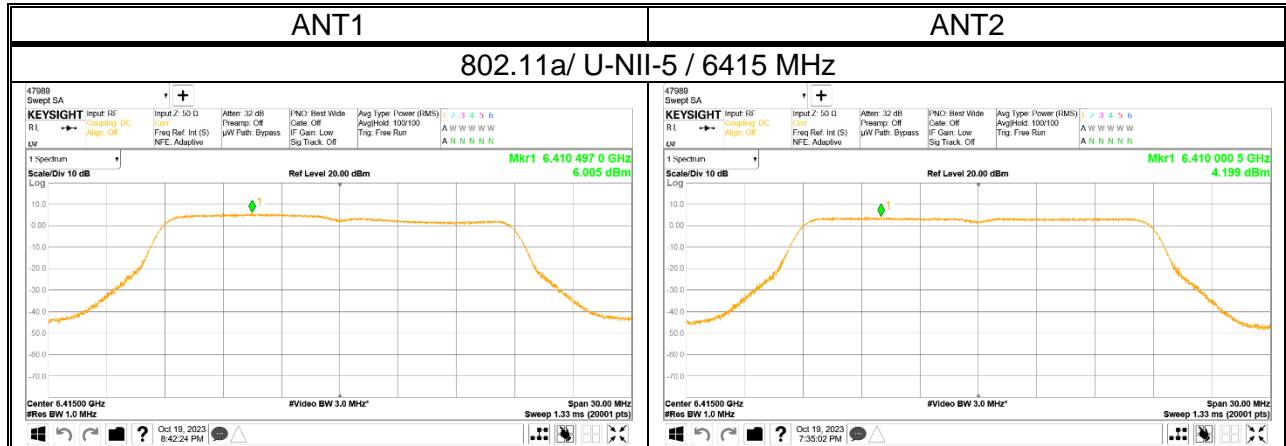
Band	Channel	Freq. [MHz]	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
			ANT1	ANT2	MIMO				
UNII-5	1	5955	4.738	4.031	7.409	0.15	-2.38	5.179	17.00
	45	6175	4.060	4.501	7.296	0.15	-2.38	5.066	
	93	6415	6.005	4.199	8.206	0.15	-2.38	5.976	
UNII-7	117	6535	6.006	3.311	7.875	0.15	-4.69	3.335	
	149	6695	6.155	3.443	8.018	0.15	-4.69	3.478	
	181	6855	5.167	3.889	7.585	0.15	-4.69	3.045	

- LP

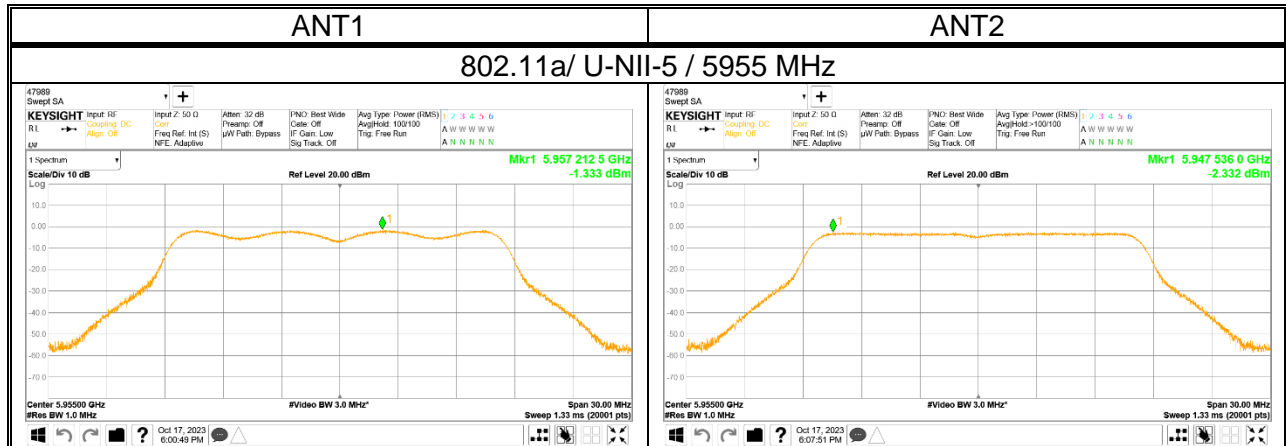
Band	Channel	Freq. [MHz]	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
			ANT1	ANT2	MIMO				
UNII-5	1	5955	-1.333	-2.332	1.206	0.15	-2.38	-1.024	-1.00
	45	6175	-1.599	-2.695	0.898	0.15	-2.38	-1.332	
	93	6415	-1.057	-2.788	1.173	0.15	-2.38	-1.057	
UNII-6	97	6435	-1.155	-2.167	1.379	0.15	-4.03	-2.501	
	105	6475	-1.038	-2.126	1.462	0.15	-4.03	-2.418	
	113	6515	-0.778	-2.505	1.454	0.15	-4.03	-2.426	
UNII-7	117	6535	-0.646	-2.336	1.601	0.15	-4.69	-2.939	
	149	6695	-0.269	-2.219	1.875	0.15	-4.69	-2.665	
	185	6875	0.415	-1.263	2.667	0.15	-4.69	-1.873	
UNII-8	189	6895	0.234	-1.167	2.600	0.15	-4.48	-1.730	
	209	6995	-0.186	-1.522	2.207	0.15	-4.48	-2.123	
	233	7115	-0.882	-1.193	1.976	0.15	-4.48	-2.354	

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

PPSD PLOTS (WORST CASE)
- SP



- LP



10.1.2. 802.11ax HE20 MODE

Output Power Results
 - SP

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	10.40	10.32	13.37	-2.38	10.99	30.00
				4	10.01	9.85	12.94	-2.38	10.56	
				8	10.45	10.11	13.29	-2.38	10.91	
			52T	37	10.33	10.32	13.34	-2.38	10.96	
				38	10.07	10.01	13.05	-2.38	10.67	
				40	10.36	10.18	13.28	-2.38	10.90	
			106T	53	10.19	10.12	13.17	-2.38	10.79	
				54	10.22	10.04	13.14	-2.38	10.76	
			SU	-	15.12	14.99	18.07	-2.38	15.69	
	45	6175	26T	0	10.85	10.35	13.62	-2.38	11.24	
				4	10.44	9.89	13.18	-2.38	10.80	
				8	10.82	10.23	13.55	-2.38	11.17	
			52T	37	10.75	10.28	13.53	-2.38	11.15	
				38	10.53	10.04	13.30	-2.38	10.92	
				40	10.80	10.11	13.48	-2.38	11.10	
			106T	53	10.57	10.01	13.31	-2.38	10.93	
				54	10.70	10.00	13.37	-2.38	10.99	
			SU	-	15.43	15.36	18.41	-2.38	16.03	
	93	6415	26T	0	10.98	10.95	13.98	-2.38	11.60	
				4	10.52	10.45	13.50	-2.38	11.12	
				8	10.95	10.76	13.87	-2.38	11.49	
			52T	37	10.90	10.88	13.90	-2.38	11.52	
				38	10.68	10.65	13.68	-2.38	11.30	
				40	10.82	10.73	13.79	-2.38	11.41	
			106T	53	10.70	10.69	13.71	-2.38	11.33	
				54	10.80	10.65	13.74	-2.38	11.36	
			SU	-	15.60	15.55	18.59	-2.38	16.21	

* 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

- LP

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	-2.37	-3.06	0.31	-2.38	-2.07	24.00
				4	-2.95	-3.52	-0.22	-2.38	-2.60	
				8	-2.55	-3.20	0.15	-2.38	-2.23	
			52T	37	1.77	2.57	5.20	-2.38	2.82	
				38	1.50	2.30	4.93	-2.38	2.55	
				40	1.81	2.42	5.14	-2.38	2.76	
			106T	53	5.20	5.07	8.15	-2.38	5.77	
				54	5.28	4.98	8.14	-2.38	5.76	
			SU	-	8.65	8.87	11.77	-2.38	9.39	
	45	6175	26T	0	-2.16	-2.90	0.50	-2.38	-1.88	
				4	-2.71	-3.27	0.03	-2.38	-2.35	
				8	-2.28	-2.84	0.46	-2.38	-1.92	
			52T	37	2.74	2.22	5.50	-2.38	3.12	
				38	2.50	1.98	5.26	-2.38	2.88	
				40	2.70	2.09	5.42	-2.38	3.04	
			106T	53	5.55	5.63	8.60	-2.38	6.22	
				54	5.63	5.55	8.60	-2.38	6.22	
			SU	-	9.54	8.77	12.18	-2.38	9.80	
	93	6415	26T	0	-2.15	-3.55	0.22	-2.38	-2.16	
				4	-2.59	-4.14	-0.29	-2.38	-2.67	
				8	-2.24	-3.85	0.04	-2.38	-2.34	
			52T	37	1.85	1.99	4.93	-2.38	2.55	
				38	2.15	2.09	5.13	-2.38	2.75	
				40	2.30	2.14	5.23	-2.38	2.85	
			106T	53	5.09	5.12	8.12	-2.38	5.74	
				54	5.18	4.98	8.09	-2.38	5.71	
			SU	-	9.05	8.75	11.91	-2.38	9.53	

* 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

- LP

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	-2.37	-3.82	-0.02	-4.03	-4.05	24.00
				4	-2.35	-3.72	0.03	-4.03	-4.00	
				8	-2.40	-3.98	-0.11	-4.03	-4.14	
			52T	37	2.77	2.48	5.64	-4.03	1.61	
				38	2.61	2.22	5.43	-4.03	1.40	
				40	2.72	2.32	5.53	-4.03	1.50	
			106T	53	5.86	5.26	8.58	-4.03	4.55	
				54	5.90	5.19	8.57	-4.03	4.54	
			SU	-	9.05	8.96	12.02	-4.03	7.99	
	105	6475	26T	0	-2.58	-3.87	-0.17	-4.03	-4.20	
				4	-2.40	-3.80	-0.03	-4.03	-4.06	
				8	-2.02	-3.57	0.28	-4.03	-3.75	
			52T	37	2.80	2.37	5.60	-4.03	1.57	
				38	2.60	2.06	5.35	-4.03	1.32	
				40	2.72	2.15	5.45	-4.03	1.42	
			106T	53	5.88	5.42	8.67	-4.03	4.64	
				54	5.86	5.30	8.60	-4.03	4.57	
			SU	-	8.96	8.70	11.84	-4.03	7.81	
	113	6515	26T	0	-2.02	-3.81	0.19	-4.03	-3.84	
				4	-2.40	-4.01	-0.12	-4.03	-4.15	
				8	-2.01	-3.90	0.16	-4.03	-3.87	
			52T	37	2.89	2.20	5.57	-4.03	1.54	
				38	2.70	1.91	5.33	-4.03	1.30	
				40	2.78	2.08	5.45	-4.03	1.42	
			106T	53	5.80	5.25	8.54	-4.03	4.51	
				54	5.92	5.15	8.56	-4.03	4.53	
			SU	-	9.40	8.67	12.06	-4.03	8.03	

* 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

- SP

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	10.47	9.97	13.24	-4.69	8.55	30.00
				4	9.95	9.45	12.72	-4.69	8.03	
				8	10.30	9.80	13.07	-4.69	8.38	
			52T	37	10.40	9.85	13.14	-4.69	8.45	
				38	10.17	9.58	12.90	-4.69	8.21	
				40	10.28	9.76	13.04	-4.69	8.35	
			106T	53	10.18	9.68	12.95	-4.69	8.26	
				54	10.15	9.63	12.91	-4.69	8.22	
			SU	-	15.35	14.76	18.08	-4.69	13.39	
	149	6695	26T	0	10.59	10.17	13.40	-4.69	8.71	
				4	10.03	9.81	12.93	-4.69	8.24	
				8	10.42	10.13	13.29	-4.69	8.60	
			52T	37	10.50	10.17	13.35	-4.69	8.66	
				38	10.31	9.94	13.14	-4.69	8.45	
				40	10.36	10.10	13.24	-4.69	8.55	
			106T	53	10.32	10.01	13.18	-4.69	8.49	
				54	10.28	9.96	13.13	-4.69	8.44	
			SU	-	15.18	15.02	18.11	-4.69	13.42	
	181	6855	26T	0	10.62	9.50	13.11	-4.69	8.42	
				4	10.11	9.10	12.64	-4.69	7.95	
				8	10.52	9.47	13.04	-4.69	8.35	
			52T	37	10.53	9.39	13.01	-4.69	8.32	
				38	10.36	9.20	12.83	-4.69	8.14	
				40	10.48	9.46	13.01	-4.69	8.32	
106T			53	10.42	9.25	12.88	-4.69	8.19		
			54	10.31	9.28	12.84	-4.69	8.15		
SU			-	15.42	14.85	18.15	-4.69	13.46		

* 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

- LP

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	-2.26	-4.02	-0.04	-4.69	-4.73	24.00
				4	-2.20	-4.12	-0.04	-4.69	-4.73	
				8	-2.16	-4.25	-0.07	-4.69	-4.76	
			52T	37	2.81	2.04	5.45	-4.69	0.76	
				38	2.58	1.73	5.19	-4.69	0.50	
				40	2.70	1.90	5.33	-4.69	0.64	
			106T	53	5.96	5.25	8.63	-4.69	3.94	
				54	5.93	5.18	8.58	-4.69	3.89	
			SU	-	9.70	9.36	12.54	-4.69	7.85	
	149	6695	26T	0	-2.33	-3.67	0.06	-4.69	-4.63	
				4	-2.36	-3.68	0.04	-4.69	-4.65	
				8	-2.07	-3.18	0.42	-4.69	-4.27	
			52T	37	2.39	2.20	5.31	-4.69	0.62	
				38	2.15	1.98	5.08	-4.69	0.39	
				40	2.16	2.15	5.17	-4.69	0.48	
			106T	53	5.49	5.44	8.48	-4.69	3.79	
				54	5.43	5.42	8.44	-4.69	3.75	
			SU	-	8.93	8.87	11.91	-4.69	7.22	
	185	6875	26T	0	-2.57	-2.85	0.30	-4.69	-4.39	
				4	-3.08	-3.15	-0.10	-4.69	-4.79	
				8	-2.70	-2.68	0.32	-4.69	-4.37	
			52T	37	2.55	1.65	5.13	-4.69	0.44	
				38	2.88	1.96	5.45	-4.69	0.76	
				40	2.50	1.70	5.13	-4.69	0.44	
106T			53	5.50	4.80	8.17	-4.69	3.48		
			54	5.51	4.82	8.19	-4.69	3.50		
SU			-	9.39	8.58	12.01	-4.69	7.32		

* 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

- LP

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	-2.75	-2.62	0.33	-4.48	-4.15	24.00
				4	-3.22	-2.95	-0.07	-4.48	-4.55	
				8	-2.82	-2.45	0.38	-4.48	-4.10	
			52T	37	2.41	1.66	5.06	-4.48	0.58	
				38	2.75	2.05	5.42	-4.48	0.94	
				40	2.93	2.40	5.68	-4.48	1.20	
			106T	53	5.98	5.31	8.67	-4.48	4.19	
				54	5.96	5.38	8.69	-4.48	4.21	
			SU	-	9.25	8.70	11.99	-4.48	7.51	
	209	6995	26T	0	-2.97	-2.61	0.22	-4.48	-4.26	
				4	-3.44	-2.94	-0.17	-4.48	-4.65	
				8	-2.98	-2.45	0.30	-4.48	-4.18	
			52T	37	2.35	1.33	4.88	-4.48	0.40	
				38	2.68	1.72	5.24	-4.48	0.76	
				40	2.92	2.11	5.54	-4.48	1.06	
			106T	53	5.90	5.18	8.57	-4.48	4.09	
				54	5.93	5.34	8.66	-4.48	4.18	
			SU	-	9.35	8.69	12.04	-4.48	7.56	
	233	7115	26T	0	-2.33	-2.74	0.48	-4.48	-4.00	
				4	-2.73	-3.20	0.05	-4.48	-4.43	
				8	-2.28	-2.82	0.47	-4.48	-4.01	
			52T	37	2.76	2.11	5.46	-4.48	0.98	
				38	2.53	1.86	5.22	-4.48	0.74	
				40	2.71	2.13	5.44	-4.48	0.96	
106T			53	5.65	5.39	8.53	-4.48	4.05		
			54	5.62	5.40	8.52	-4.48	4.04		
SU			-	8.94	8.66	11.81	-4.48	7.33		

* 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

PSD Results
- SP

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	8.214	8.702	11.475	-	-2.38	9.095	17.00
				4	6.617	6.660	9.649	-	-2.38	7.269	
				8	7.956	7.963	10.970	-	-2.38	8.590	
			SU	-	4.451	4.151	7.314	-	-2.38	4.934	
	45	6175	26T	0	8.406	8.024	11.229	-	-2.38	8.849	
				4	6.929	6.671	9.812	-	-2.38	7.432	
				8	8.483	8.147	11.329	-	-2.38	8.949	
			SU	-	4.169	4.410	7.301	-	-2.38	4.921	
	93	6415	26T	0	9.063	8.546	11.822	-	-2.38	9.442	
				4	7.350	7.147	10.260	-	-2.38	7.880	
				8	8.776	8.476	11.639	-	-2.38	9.259	
			SU	-	4.480	4.269	7.386	-	-2.38	5.006	
UNII-7	117	6535	26T	0	8.258	7.451	10.884	-	-4.69	6.194	
				4	6.803	6.027	9.443	-	-4.69	4.753	
				8	8.218	7.453	10.863	-	-4.69	6.173	
			SU	-	4.222	3.054	6.687	-	-4.69	1.997	
	149	6695	26T	0	8.509	7.562	11.072	-	-4.69	6.382	
				4	7.052	6.175	9.646	-	-4.69	4.956	
				8	8.169	7.650	10.928	-	-4.69	6.238	
			SU	-	4.200	3.408	6.832	-	-4.69	2.142	
	181	6855	26T	0	8.381	7.321	10.894	-	-4.69	6.204	
				4	6.385	5.882	9.151	-	-4.69	4.461	
				8	8.077	7.418	10.770	-	-4.69	6.080	
			SU	-	3.684	3.141	6.431	-	-4.69	1.741	

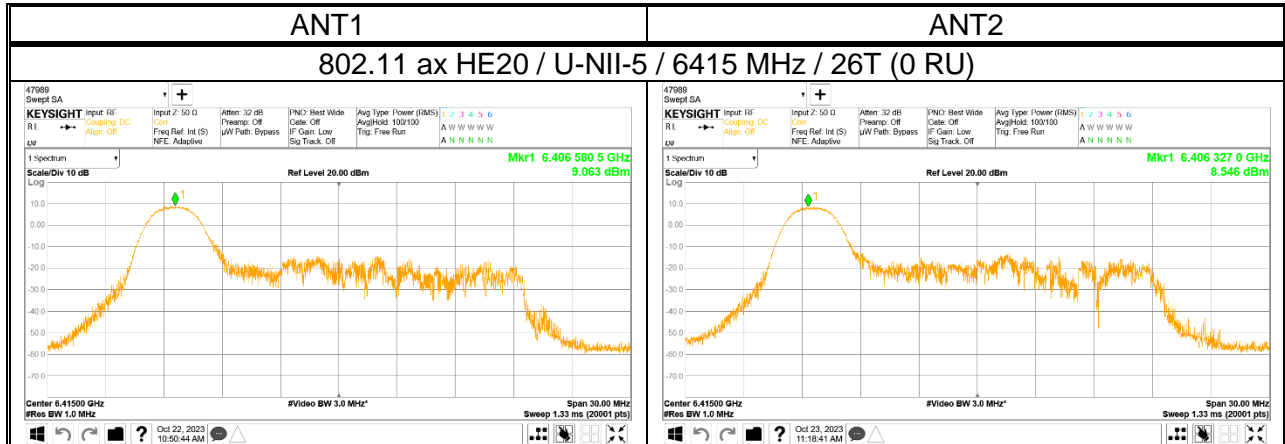
* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain

- LP

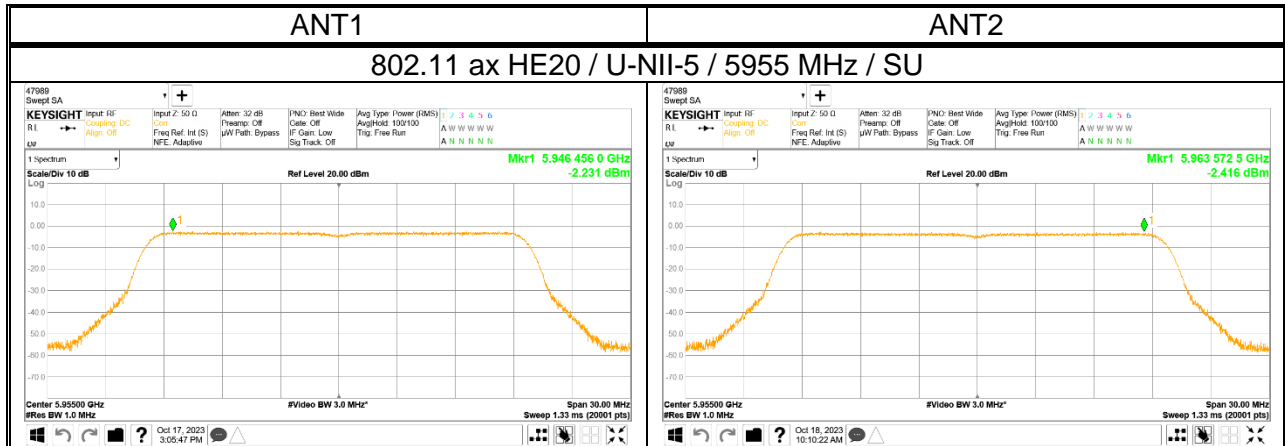
Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	1	5955	106T	53	-2.161	-2.812	0.536	-	-2.38	-1.844	-1.00
				54	-2.209	-3.107	0.375	-	-2.38	-2.005	
			SU	-	-2.231	-2.416	0.688	-	-2.38	-1.692	
	45	6175	106T	53	-2.912	-2.796	0.157	-	-2.38	-2.223	
				54	-2.943	-2.883	0.097	-	-2.38	-2.283	
			SU	-	-2.433	-2.755	0.419	-	-2.38	-1.961	
	93	6415	106T	53	-2.901	-3.172	-0.024	-	-2.38	-2.404	
				54	-2.699	-3.372	-0.012	-	-2.38	-2.392	
			SU	-	-2.356	-3.126	0.286	-	-2.38	-2.094	
UNII-6	97	6435	106T	53	-2.270	-3.148	0.323	-	-4.03	-3.707	
				54	-2.035	-3.347	0.369	-	-4.03	-3.661	
	SU	-	-2.351	-2.768	0.456	-	-4.03	-3.574			
	105	6475	106T	53	-2.002	-2.821	0.618	-	-4.03	-3.412	
				54	-1.874	-3.098	0.567	-	-4.03	-3.463	
	SU	-	-2.476	-3.068	0.248	-	-4.03	-3.782			
	113	6515	106T	53	-2.003	-3.054	0.514	-	-4.03	-3.516	
				54	-2.012	-3.106	0.486	-	-4.03	-3.544	
	SU	-	-2.101	-3.119	0.430	-	-4.03	-3.600			
UNII-7	117	6535	106T	53	-2.353	-3.596	0.080	-	-4.69	-4.610	
				54	-2.139	-3.981	0.047	-	-4.69	-4.643	
			SU	-	-1.952	-3.098	0.523	-	-4.69	-4.167	
	149	6695	106T	53	-2.416	-4.063	-0.152	-	-4.69	-4.842	
				54	-2.547	-2.695	0.390	-	-4.69	-4.300	
			SU	-	-2.564	-3.835	-0.143	-	-4.69	-4.833	
	185	6875	106T	53	-1.782	-3.478	0.463	-	-4.69	-4.227	
				54	-1.813	-3.482	0.442	-	-4.69	-4.248	
	SU	-	-1.417	-3.285	0.759	-	-4.69	-3.931			
UNII-8	189	6895	106T	53	-1.293	-3.154	0.886	-	-4.48	-3.594	
				54	-1.261	-3.079	0.935	-	-4.48	-3.545	
	SU	-	-1.672	-2.715	0.848	-	-4.48	-3.632			
	209	6995	106T	53	-1.855	-3.363	0.466	-	-4.48	-4.014	
				54	-1.989	-3.382	0.380	-	-4.48	-4.100	
	SU	-	-1.956	-3.427	0.381	-	-4.48	-4.099			
	233	7115	106T	53	-2.295	-3.171	0.299	-	-4.48	-4.181	
				54	-2.381	-3.155	0.260	-	-4.48	-4.220	
	SU	-	-2.548	-3.309	0.098	-	-4.48	-4.382			

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

PPSD PLOTS (WORST CASE)
- SP



- LP



10.1.3. 802.11ax HE40 MODE

Output Power Results
- SP

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	10.39	10.34	13.38	-2.38	11.00	30.00
				9	10.23	10.10	13.18	-2.38	10.80	
				17	10.50	10.17	13.35	-2.38	10.97	
			52T	37	10.38	10.33	13.37	-2.38	10.99	
				41	10.19	10.08	13.15	-2.38	10.77	
				44	10.43	10.22	13.34	-2.38	10.96	
			106T	53	10.40	10.29	13.36	-2.38	10.98	
				54	10.20	10.09	13.16	-2.38	10.78	
				56	10.44	10.19	13.33	-2.38	10.95	
	242T	61	15.10	14.76	17.94	-2.38	15.56			
		62	15.08	14.72	17.91	-2.38	15.53			
	SU	-	15.25	14.76	18.02	-2.38	15.64			
	43	6165	26T	0	10.69	10.02	13.38	-2.38	11.00	
				9	10.58	9.93	13.28	-2.38	10.90	
				17	10.68	9.96	13.35	-2.38	10.97	
			52T	37	10.70	10.18	13.46	-2.38	11.08	
				41	10.51	9.99	13.27	-2.38	10.89	
				44	10.65	10.05	13.37	-2.38	10.99	
			106T	53	10.68	10.10	13.41	-2.38	11.03	
				54	10.55	9.85	13.22	-2.38	10.84	
				56	10.70	10.03	13.39	-2.38	11.01	
	242T	61	15.16	15.06	18.12	-2.38	15.74			
		62	15.13	15.04	18.10	-2.38	15.72			
	SU	-	15.23	15.02	18.14	-2.38	15.76			
	91	6405	26T	0	9.73	10.43	13.10	-2.38	10.72	
				9	9.52	10.02	12.79	-2.38	10.41	
				17	9.65	10.04	12.86	-2.38	10.48	
52T			37	9.70	10.43	13.09	-2.38	10.71		
			41	9.48	10.02	12.77	-2.38	10.39		
			44	9.62	10.11	12.88	-2.38	10.50		
106T			53	9.65	10.35	13.02	-2.38	10.64		
			54	9.49	10.12	12.83	-2.38	10.45		
			56	9.60	10.03	12.83	-2.38	10.45		
242T	61	14.63	15.01	17.83	-2.38	15.45				
	62	14.64	14.78	17.72	-2.38	15.34				
SU	-	15.17	15.44	18.32	-2.38	15.94				

* 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

- LP

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	-2.41	-3.35	0.16	-2.38	-2.22	24.00
				9	-2.65	-3.64	-0.11	-2.38	-2.49	
				17	-2.52	-3.55	0.01	-2.38	-2.37	
			52T	37	1.86	2.27	5.08	-2.38	2.70	
				41	1.65	1.93	4.80	-2.38	2.42	
				44	1.85	1.98	4.93	-2.38	2.55	
			106T	53	5.90	5.20	8.57	-2.38	6.19	
				54	5.68	4.98	8.35	-2.38	5.97	
				56	5.90	5.02	8.49	-2.38	6.11	
			242T	61	9.50	9.28	12.40	-2.38	10.02	
				62	9.48	9.12	12.31	-2.38	9.93	
			SU	-	11.37	11.40	14.40	-2.38	12.02	
	43	6165	26T	0	-2.05	-3.02	0.50	-2.38	-1.88	
				9	-2.31	-3.15	0.30	-2.38	-2.08	
				17	-2.17	-2.92	0.48	-2.38	-1.90	
			52T	37	2.94	2.24	5.61	-2.38	3.23	
				41	2.63	2.09	5.38	-2.38	3.00	
				44	2.80	2.09	5.47	-2.38	3.09	
			106T	53	5.79	5.83	8.82	-2.38	6.44	
				54	5.72	5.46	8.60	-2.38	6.22	
				56	5.88	5.60	8.75	-2.38	6.37	
			242T	61	9.36	9.29	12.34	-2.38	9.96	
				62	9.32	9.30	12.32	-2.38	9.94	
			SU	-	11.90	11.01	14.49	-2.38	12.11	
	91	6405	26T	0	-2.25	-3.67	0.11	-2.38	-2.27	
				9	-2.50	-3.90	-0.13	-2.38	-2.51	
				17	-2.25	-3.98	-0.02	-2.38	-2.40	
			52T	37	2.40	2.75	5.59	-2.38	3.21	
				41	2.19	2.32	5.27	-2.38	2.89	
				44	2.36	2.37	5.38	-2.38	3.00	
106T			53	4.96	5.09	8.04	-2.38	5.66		
			54	4.80	4.88	7.85	-2.38	5.47		
			56	4.92	4.83	7.89	-2.38	5.51		
242T			61	8.89	8.99	11.95	-2.38	9.57		
			62	8.83	8.77	11.81	-2.38	9.43		
SU			-	10.81	10.92	13.88	-2.38	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

- LP

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	-2.02	-3.42	0.35	-4.03	-3.68	24.00
				9	-2.15	-3.80	0.11	-4.03	-3.92	
				17	-2.04	-3.81	0.17	-4.03	-3.86	
			52T	37	2.63	2.26	5.46	-4.03	1.43	
				41	2.40	1.84	5.14	-4.03	1.11	
				44	2.52	1.88	5.22	-4.03	1.19	
			106T	53	5.89	5.19	8.56	-4.03	4.53	
				54	5.73	4.94	8.36	-4.03	4.33	
				56	5.81	4.88	8.38	-4.03	4.35	
			242T	61	9.47	9.14	12.32	-4.03	8.29	
				62	9.41	8.91	12.18	-4.03	8.15	
			SU	-	11.49	10.96	14.24	-4.03	10.21	
	115	6525	26T	0	-2.23	-3.79	0.07	-4.03	-3.96	
				9	-2.36	-3.98	-0.08	-4.03	-4.11	
				17	-2.16	-3.80	0.11	-4.03	-3.92	
			52T	37	2.86	2.23	5.57	-4.03	1.54	
				41	2.65	1.81	5.26	-4.03	1.23	
				44	2.70	1.92	5.34	-4.03	1.31	
			106T	53	5.45	4.46	7.99	-4.03	3.96	
				54	5.30	4.21	7.80	-4.03	3.77	
				56	5.39	4.26	7.87	-4.03	3.84	
			242T	61	9.76	9.11	12.46	-4.03	8.43	
				62	9.74	8.90	12.35	-4.03	8.32	
			SU	-	11.64	10.90	14.30	-4.03	10.27	

* 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

- SP

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	10.38	9.98	13.19	-4.69	8.50	30.00
				9	10.12	9.62	12.89	-4.69	8.20	
				17	10.18	9.68	12.95	-4.69	8.26	
			52T	37	10.29	9.96	13.14	-4.69	8.45	
				41	10.11	9.60	12.87	-4.69	8.18	
				44	10.19	9.71	12.97	-4.69	8.28	
			106T	53	10.28	9.92	13.11	-4.69	8.42	
				54	10.10	9.70	12.91	-4.69	8.22	
				56	10.15	9.67	12.93	-4.69	8.24	
			242T	61	15.33	15.01	18.18	-4.69	13.49	
				62	15.30	14.83	18.08	-4.69	13.39	
			SU	-	15.35	15.01	18.19	-4.69	13.50	
	147	6685	26T	0	10.34	9.73	13.06	-4.69	8.37	
				9	10.05	9.50	12.79	-4.69	8.10	
				17	10.06	9.62	12.86	-4.69	8.17	
			52T	37	10.24	9.66	12.97	-4.69	8.28	
				41	9.94	9.44	12.71	-4.69	8.02	
				44	9.99	9.60	12.81	-4.69	8.12	
			106T	53	10.14	9.55	12.87	-4.69	8.18	
				54	9.95	9.40	12.69	-4.69	8.00	
				56	9.90	9.51	12.72	-4.69	8.03	
			242T	61	15.13	14.78	17.97	-4.69	13.28	
				62	14.99	14.88	17.95	-4.69	13.26	
			SU	-	15.20	14.89	18.06	-4.69	13.37	
	179	6845	26T	0	10.48	9.81	13.17	-4.69	8.48	
				9	10.14	9.80	12.98	-4.69	8.29	
				17	10.40	10.11	13.27	-4.69	8.58	
			52T	37	10.42	9.86	13.16	-4.69	8.47	
				41	10.13	9.83	12.99	-4.69	8.30	
				44	10.31	10.12	13.23	-4.69	8.54	
106T			53	10.38	9.81	13.11	-4.69	8.42		
			54	10.20	9.78	13.01	-4.69	8.32		
			56	10.24	10.03	13.15	-4.69	8.46		
242T			61	15.11	15.09	18.11	-4.69	13.42		
			62	15.10	15.23	18.18	-4.69	13.49		
SU			-	15.11	14.51	17.83	-4.69	13.14		

* 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

- LP

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	-2.12	-3.90	0.09	-4.69	-4.60	24.00
				9	-2.30	-4.06	-0.08	-4.69	-4.77	
				17	-2.10	-3.85	0.12	-4.69	-4.57	
			52T	37	2.95	2.38	5.68	-4.69	0.99	
				41	2.75	2.08	5.44	-4.69	0.75	
				44	2.78	2.24	5.53	-4.69	0.84	
			106T	53	5.51	5.16	8.35	-4.69	3.66	
				54	5.38	4.96	8.19	-4.69	3.50	
				56	5.40	5.05	8.24	-4.69	3.55	
			242T	61	9.38	8.76	12.09	-4.69	7.40	
				62	9.36	8.64	12.03	-4.69	7.34	
			SU	-	11.26	10.73	14.01	-4.69	9.32	
	147	6685	26T	0	-2.11	-3.53	0.25	-4.69	-4.44	
				9	-2.50	-3.55	0.02	-4.69	-4.67	
				17	-2.56	-3.23	0.13	-4.69	-4.56	
			52T	37	2.80	2.27	5.55	-4.69	0.86	
				41	2.51	2.05	5.30	-4.69	0.61	
				44	2.53	2.20	5.38	-4.69	0.69	
			106T	53	5.56	5.17	8.38	-4.69	3.69	
				54	5.38	4.98	8.19	-4.69	3.50	
				56	5.36	5.07	8.23	-4.69	3.54	
			242T	61	9.14	8.82	11.99	-4.69	7.30	
				62	9.08	8.75	11.93	-4.69	7.24	
			SU	-	11.09	10.63	13.88	-4.69	9.19	
	179	6845	26T	0	-2.15	-3.30	0.32	-4.69	-4.37	
				9	-2.46	-3.36	0.12	-4.69	-4.57	
				17	-2.42	-3.03	0.30	-4.69	-4.39	
			52T	37	2.93	1.63	5.34	-4.69	0.65	
				41	2.60	1.45	5.07	-4.69	0.38	
				44	2.80	1.70	5.30	-4.69	0.61	
106T			53	5.47	4.44	8.00	-4.69	3.31		
			54	5.32	4.29	7.85	-4.69	3.16		
			56	5.28	4.51	7.92	-4.69	3.23		
242T			61	9.62	8.40	12.06	-4.69	7.37		
			62	9.48	8.38	11.98	-4.69	7.29		
SU			-	11.63	10.61	14.16	-4.69	9.47		

* 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

- LP

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	-2.59	-3.05	0.20	-4.48	-4.28	24.00
				9	-2.84	-2.99	0.10	-4.48	-4.38	
				17	-2.71	-2.73	0.29	-4.48	-4.19	
			52T	37	2.37	1.24	4.85	-4.48	0.37	
				41	2.06	1.11	4.62	-4.48	0.14	
				44	2.30	1.49	4.92	-4.48	0.44	
			106T	53	5.50	4.60	8.08	-4.48	3.60	
				54	5.36	4.51	7.97	-4.48	3.49	
				56	5.34	4.74	8.06	-4.48	3.58	
			242T	61	9.55	8.65	12.13	-4.48	7.65	
				62	9.49	8.78	12.16	-4.48	7.68	
			SU	-	11.63	10.88	14.28	-4.48	9.80	
	203	6965	26T	0	-2.50	-2.57	0.48	-4.48	-4.00	
				9	-2.71	-2.52	0.40	-4.48	-4.08	
				17	-2.50	-2.23	0.65	-4.48	-3.83	
			52T	37	2.50	1.22	4.92	-4.48	0.44	
				41	2.25	1.20	4.77	-4.48	0.29	
				44	2.48	1.60	5.07	-4.48	0.59	
			106T	53	5.29	4.61	7.97	-4.48	3.49	
				54	5.08	4.57	7.84	-4.48	3.36	
				56	5.19	4.91	8.06	-4.48	3.58	
			242T	61	9.48	8.68	12.11	-4.48	7.63	
				62	9.42	8.84	12.15	-4.48	7.67	
			SU	-	11.44	10.92	14.20	-4.48	9.72	
	227	7085	26T	0	-2.22	-2.92	0.45	-4.48	-4.03	
				9	-2.41	-3.00	0.32	-4.48	-4.16	
				17	-2.18	-2.84	0.51	-4.48	-3.97	
			52T	37	2.70	1.80	5.28	-4.48	0.80	
				41	2.38	1.70	5.06	-4.48	0.58	
				44	2.52	1.98	5.27	-4.48	0.79	
106T			53	5.44	5.13	8.30	-4.48	3.82		
			54	5.26	5.02	8.15	-4.48	3.67		
			56	5.28	5.24	8.27	-4.48	3.79		
242T			61	9.14	8.89	12.03	-4.48	7.55		
			62	9.05	8.92	12.00	-4.48	7.52		
SU			-	11.25	10.86	14.07	-4.48	9.59		

* 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
- SP

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	8.317	8.714	11.530	-	-2.38	9.150	17.00
				9	8.214	8.357	11.296	-	-2.38	8.916	
				17	8.515	8.261	11.400	-	-2.38	9.020	
			SU	-	1.149	0.885	4.029	-	-2.38	1.649	
	43	6165	26T	0	8.396	7.941	11.185	-	-2.38	8.805	
				9	8.148	7.676	10.929	-	-2.38	8.549	
				17	8.168	7.832	11.014	-	-2.38	8.634	
	SU	-	1.173	1.032	4.113	-	-2.38	1.733			
	91	6405	26T	0	7.960	8.110	11.046	-	-2.38	8.666	
				9	7.811	7.739	10.785	-	-2.38	8.405	
				17	8.174	7.619	10.916	-	-2.38	8.536	
			SU	-	1.454	1.247	4.362	-	-2.38	1.982	
UNII-7	123	6565	26T	0	8.562	7.677	11.152	-	-4.69	6.462	
				9	8.318	7.648	11.006	-	-4.69	6.316	
				17	8.521	7.252	10.943	-	-4.69	6.253	
			SU	-	1.511	0.564	4.074	-	-4.69	-0.616	
	147	6685	26T	0	8.044	7.548	10.813	-	-4.69	6.123	
				9	8.343	7.547	10.974	-	-4.69	6.284	
				17	8.020	7.451	10.755	-	-4.69	6.065	
			SU	-	1.394	0.801	4.118	-	-4.69	-0.572	
	179	6845	26T	0	7.526	7.241	10.396	-	-4.69	5.706	
				9	7.669	7.135	10.421	-	-4.69	5.731	
				17	7.861	7.498	10.694	-	-4.69	6.004	
			SU	-	-0.594	-0.168	2.635	-	-4.69	-2.055	

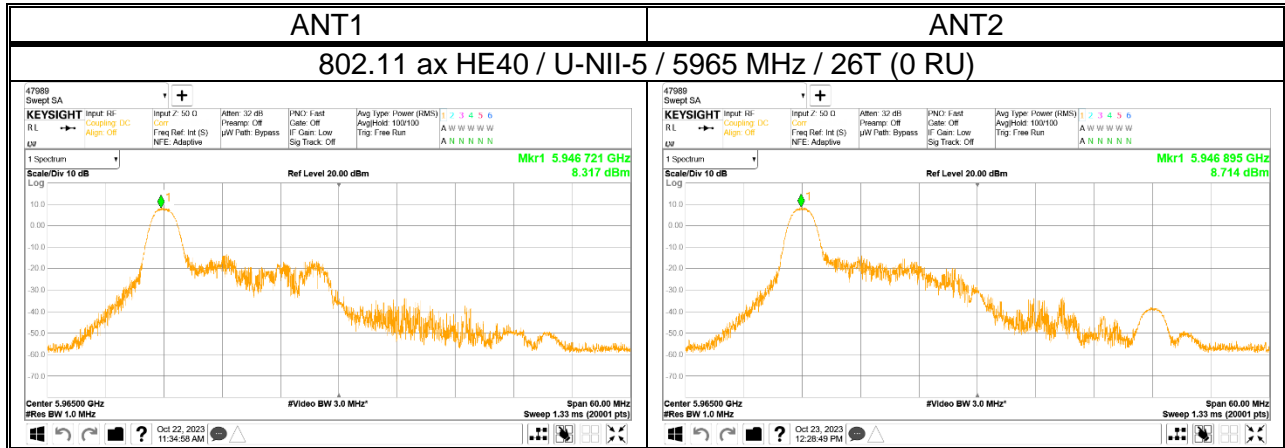
* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain

- LP

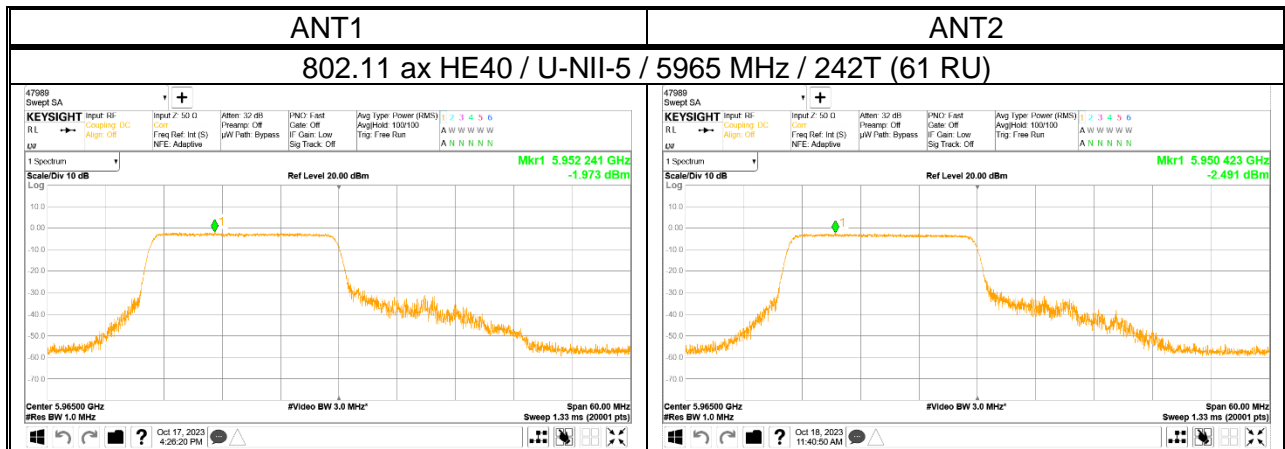
Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	3	5965	242T	61	-1.973	-2.491	0.786	0.11	-2.38	-1.484	-1.00
				62	-1.910	-2.611	0.764	0.11	-2.38	-1.506	
			SU	-	-3.080	-3.220	-0.139	-	-2.38	-2.519	
	43	6165	242T	61	-2.498	-2.849	0.340	0.11	-2.38	-1.930	
				62	-2.789	-3.019	0.108	0.11	-2.38	-2.162	
			SU	-	-3.383	-3.462	-0.412	-	-2.38	-2.792	
	91	6405	242T	61	-2.975	-3.220	-0.085	0.11	-2.38	-2.355	
				62	-2.781	-3.251	0.001	0.11	-2.38	-2.269	
			SU	-	-4.072	-4.154	-1.103	-	-2.38	-3.483	
UNII-6	99	6445	242T	61	-2.288	-2.651	0.545	0.11	-4.03	-3.375	
				62	-2.188	-3.255	0.321	0.11	-4.03	-3.599	
			SU	-	-3.153	-4.070	-0.577	-	-4.03	-4.607	
	115	6525	242T	61	-1.884	-3.175	0.529	0.11	-4.03	-3.391	
				62	-1.818	-3.202	0.555	0.11	-4.03	-3.365	
			SU	-	-2.966	-4.259	-0.554	-	-4.03	-4.584	
UNII-7	123	6565	242T	61	-2.070	-3.317	0.361	0.11	-4.69	-4.219	
				62	-2.222	-3.728	0.100	0.11	-4.69	-4.480	
			SU	-	-3.275	-4.176	-0.692	-	-4.69	-5.382	
	147	6685	242T	61	-2.299	-3.539	0.135	0.11	-4.69	-4.445	
				62	-2.247	-3.542	0.164	0.11	-4.69	-4.416	
			SU	-	-3.287	-4.813	-0.973	-	-4.69	-5.663	
	179	6845	242T	61	-1.206	-3.028	0.988	0.11	-4.69	-3.592	
				62	-1.101	-2.956	1.080	0.11	-4.69	-3.500	
			SU	-	-2.182	-3.647	0.157	-	-4.69	-4.533	
UNII-8	187	6885	242T	61	-1.199	-2.767	1.098	0.11	-4.48	-3.272	
				62	-1.550	-2.453	1.032	0.11	-4.48	-3.338	
			SU	-	-2.117	-3.385	0.305	-	-4.48	-4.175	
	203	6965	242T	61	-1.481	-2.631	0.992	0.11	-4.48	-3.378	
				62	-2.022	-2.415	0.796	0.11	-4.48	-3.574	
			SU	-	-2.693	-3.683	-0.150	-	-4.48	-4.630	
	227	7085	242T	61	-2.465	-2.950	0.310	0.11	-4.48	-4.060	
				62	-2.748	-2.740	0.266	0.11	-4.48	-4.104	
			SU	-	-3.578	-4.017	-0.782	-	-4.48	-5.262	

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

- SP



- LP



10.1.4. 802.11ax HE80 MODE

Output Power Results
- SP

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	10.39	10.38	13.40	-2.38	11.02	30.00
				18	10.32	10.25	13.30	-2.38	10.92	
				36	10.21	10.13	13.18	-2.38	10.80	
			52T	37	10.54	10.51	13.54	-2.38	11.16	
				45	10.43	10.39	13.42	-2.38	11.04	
				52	10.31	10.29	13.31	-2.38	10.93	
			106T	53	10.50	10.42	13.47	-2.38	11.09	
				57	10.33	10.30	13.33	-2.38	10.95	
				60	10.32	10.21	13.28	-2.38	10.90	
			242T	61	15.43	15.18	18.32	-2.38	15.94	
				62	15.25	14.98	18.13	-2.38	15.75	
				64	15.25	15.01	18.14	-2.38	15.76	
	484T	65	15.22	15.01	18.13	-2.38	15.75			
		66	15.16	14.90	18.04	-2.38	15.66			
	SU	-	15.06	14.77	17.93	-2.38	15.55			
	39	6145	26T	0	9.90	10.35	13.14	-2.38	10.76	
				18	9.92	10.29	13.12	-2.38	10.74	
				36	9.90	10.21	13.07	-2.38	10.69	
			52T	37	10.05	10.42	13.25	-2.38	10.87	
				45	10.03	10.44	13.25	-2.38	10.87	
				52	9.96	10.37	13.18	-2.38	10.80	
			106T	53	10.06	10.34	13.21	-2.38	10.83	
				57	9.99	10.36	13.19	-2.38	10.81	
				60	9.98	10.31	13.16	-2.38	10.78	
			242T	61	14.88	15.59	18.26	-2.38	15.88	
				62	14.80	15.57	18.21	-2.38	15.83	
				64	14.70	15.59	18.18	-2.38	15.80	
	484T	65	14.79	15.56	18.20	-2.38	15.82			
		66	14.77	15.60	18.22	-2.38	15.84			
	SU	-	14.65	15.39	18.05	-2.38	15.67			
	87	6385	26T	0	10.36	10.90	13.65	-2.38	11.27	
				18	10.23	10.43	13.34	-2.38	10.96	
				36	10.20	9.97	13.10	-2.38	10.72	
			52T	37	10.06	10.78	13.45	-2.38	11.07	
				45	9.96	10.31	13.15	-2.38	10.77	
				52	9.90	9.87	12.90	-2.38	10.52	
106T			53	9.96	10.66	13.33	-2.38	10.95		
			57	9.92	10.17	13.06	-2.38	10.68		
			60	9.90	9.86	12.89	-2.38	10.51		
242T			61	14.78	15.36	18.09	-2.38	15.71		
			62	14.73	15.16	17.96	-2.38	15.58		
			64	14.75	14.64	17.71	-2.38	15.33		
484T	65	14.73	15.18	17.97	-2.38	15.59				
	66	14.76	14.70	17.74	-2.38	15.36				
SU	-	14.60	14.80	17.71	-2.38	15.33				

* 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

- LP

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	-2.64	-3.59	-0.08	-2.38	-2.46	24.00
				18	-2.90	-3.75	-0.29	-2.38	-2.67	
				36	-3.02	-3.68	-0.33	-2.38	-2.71	
			52T	37	1.94	2.25	5.11	-2.38	2.73	
				45	1.99	2.13	5.07	-2.38	2.69	
				52	2.05	2.06	5.07	-2.38	2.69	
			106T	53	5.42	4.79	8.13	-2.38	5.75	
				57	5.43	4.68	8.08	-2.38	5.70	
				60	5.55	4.60	8.11	-2.38	5.73	
			242T	61	9.06	9.10	12.09	-2.38	9.71	
				62	9.09	9.04	12.08	-2.38	9.70	
				64	9.22	8.96	12.10	-2.38	9.72	
			484T	65	10.99	10.98	14.00	-2.38	11.62	
				66	11.11	10.90	14.02	-2.38	11.64	
	SU	-	13.02	12.70	15.87	-2.38	13.49			
	39	6145	26T	0	-2.56	-3.37	0.06	-2.38	-2.32	
				18	-2.65	-3.11	0.14	-2.38	-2.24	
				36	-2.55	-2.74	0.37	-2.38	-2.01	
			52T	37	2.48	2.01	5.26	-2.38	2.88	
				45	2.56	2.02	5.31	-2.38	2.93	
				52	2.50	1.93	5.23	-2.38	2.85	
			106T	53	5.38	5.47	8.44	-2.38	6.06	
				57	5.49	5.47	8.49	-2.38	6.11	
				60	5.52	5.43	8.49	-2.38	6.11	
			242T	61	9.58	8.96	12.29	-2.38	9.91	
				62	9.68	9.00	12.36	-2.38	9.98	
				64	9.61	9.01	12.33	-2.38	9.95	
484T			65	11.47	10.79	14.15	-2.38	11.77		
			66	11.55	10.82	14.21	-2.38	11.83		
SU	-	13.25	13.21	16.24	-2.38	13.86				
87	6385	26T	0	-2.03	-2.97	0.54	-2.38	-1.84		
			18	-2.40	-3.40	0.14	-2.38	-2.24		
			36	-2.34	-3.72	0.03	-2.38	-2.35		
		52T	37	2.20	2.78	5.51	-2.38	3.13		
			45	2.00	2.38	5.20	-2.38	2.82		
			52	1.97	2.08	5.04	-2.38	2.66		
		106T	53	5.20	5.58	8.40	-2.38	6.02		
			57	5.06	5.24	8.16	-2.38	5.78		
			60	4.99	4.96	7.99	-2.38	5.61		
		242T	61	9.11	9.62	12.38	-2.38	10.00		
			62	8.97	9.42	12.21	-2.38	9.83		
			64	8.96	9.06	12.02	-2.38	9.64		
		484T	65	11.02	11.43	14.24	-2.38	11.86		
			66	10.98	11.03	14.02	-2.38	11.64		
SU	-	12.86	13.11	16.00	-2.38	13.62				

* 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

- LP

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	-2.57	-3.69	-0.08	-4.03	-4.11	24.00
				18	-2.75	-4.10	-0.36	-4.03	-4.39	
				36	-2.60	-4.42	-0.41	-4.03	-4.44	
			52T	37	2.35	2.49	5.43	-4.03	1.40	
				45	2.24	2.00	5.13	-4.03	1.10	
				52	2.20	1.62	4.93	-4.03	0.90	
			106T	53	5.57	5.37	8.48	-4.03	4.45	
				57	5.54	4.91	8.25	-4.03	4.22	
				60	5.41	4.64	8.05	-4.03	4.02	
			242T	61	9.25	9.53	12.40	-4.03	8.37	
				62	9.10	9.28	12.20	-4.03	8.17	
				64	9.09	8.84	11.98	-4.03	7.95	
			484T	65	11.17	11.13	14.16	-4.03	10.13	
				66	11.10	10.63	13.88	-4.03	9.85	
			SU	-	13.02	12.86	15.95	-4.03	11.92	

* 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

- SP

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	135	6625	26T	0	10.64	9.85	13.27	-4.69	8.58	30.00
				18	10.39	9.58	13.01	-4.69	8.32	
				36	10.28	9.43	12.89	-4.69	8.20	
			52T	37	10.75	9.95	13.38	-4.69	8.69	
				45	10.61	9.68	13.18	-4.69	8.49	
				52	10.43	9.54	13.02	-4.69	8.33	
			106T	53	10.64	9.87	13.28	-4.69	8.59	
				57	10.58	9.60	13.13	-4.69	8.44	
				60	10.34	9.52	12.96	-4.69	8.27	
			242T	61	15.41	14.58	18.03	-4.69	13.34	
				62	15.26	14.46	17.89	-4.69	13.20	
				64	15.06	14.32	17.72	-4.69	13.03	
	484T	65	15.24	14.46	17.88	-4.69	13.19			
		66	15.07	14.30	17.71	-4.69	13.02			
	SU	-	15.41	14.70	18.08	-4.69	13.39			
	151	6705	26T	0	10.76	9.42	13.15	-4.69	8.46	
				18	10.46	9.31	12.93	-4.69	8.24	
				36	10.32	9.33	12.86	-4.69	8.17	
			52T	37	10.77	9.53	13.20	-4.69	8.51	
				45	10.65	9.45	13.10	-4.69	8.41	
				52	10.46	9.49	13.01	-4.69	8.32	
			106T	53	10.67	9.42	13.10	-4.69	8.41	
				57	10.60	9.39	13.05	-4.69	8.36	
				60	10.33	9.40	12.90	-4.69	8.21	
			242T	61	15.41	14.40	17.94	-4.69	13.25	
				62	15.31	14.41	17.89	-4.69	13.20	
				64	15.15	14.45	17.82	-4.69	13.13	
	484T	65	15.32	14.38	17.89	-4.69	13.20			
		66	15.10	14.37	17.76	-4.69	13.07			
	SU	-	15.11	14.20	17.69	-4.69	13.00			
	167	6785	26T	0	10.76	9.48	13.18	-4.69	8.49	
				18	10.52	9.54	13.07	-4.69	8.38	
				36	10.41	9.71	13.08	-4.69	8.39	
			52T	37	10.85	9.60	13.28	-4.69	8.59	
				45	10.62	9.72	13.20	-4.69	8.51	
				52	10.60	9.88	13.27	-4.69	8.58	
106T			53	10.74	9.50	13.17	-4.69	8.48		
			57	10.62	9.65	13.17	-4.69	8.48		
			60	10.45	9.80	13.15	-4.69	8.46		
242T			61	15.41	14.36	17.93	-4.69	13.24		
			62	15.42	14.48	17.99	-4.69	13.30		
			64	15.23	14.65	17.96	-4.69	13.27		
484T	65	15.38	14.41	17.93	-4.69	13.24				
	66	15.18	14.60	17.91	-4.69	13.22				
SU	-	14.82	14.32	17.59	-4.69	12.90				

* 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

- LP

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	-2.76	-4.12	-0.38	-4.69	-5.07	24.00
				18	-2.72	-4.32	-0.44	-4.69	-5.13	
				36	-2.62	-4.30	-0.37	-4.69	-5.06	
			52T	37	2.65	2.41	5.54	-4.69	0.85	
				45	2.62	1.98	5.32	-4.69	0.63	
				52	2.44	1.75	5.12	-4.69	0.43	
			106T	53	5.90	5.23	8.59	-4.69	3.90	
				57	5.89	4.74	8.36	-4.69	3.67	
				60	5.76	4.52	8.19	-4.69	3.50	
			242T	61	9.69	9.36	12.54	-4.69	7.85	
				62	9.64	9.15	12.41	-4.69	7.72	
				64	9.55	8.69	12.15	-4.69	7.46	
	484T	65	11.39	11.03	14.22	-4.69	9.53			
		66	11.31	10.64	14.00	-4.69	9.31			
	SU	-	13.33	12.63	16.00	-4.69	11.31			
	151	6705	26T	0	-2.06	-3.56	0.26	-4.69	-4.43	
				18	-2.60	-3.29	0.08	-4.69	-4.61	
				36	-3.01	-2.79	0.11	-4.69	-4.58	
			52T	37	2.90	1.78	5.39	-4.69	0.70	
				45	2.62	1.71	5.20	-4.69	0.51	
				52	2.36	1.80	5.10	-4.69	0.41	
			106T	53	5.89	5.10	8.52	-4.69	3.83	
				57	5.70	5.03	8.39	-4.69	3.70	
				60	5.38	5.10	8.25	-4.69	3.56	
			242T	61	9.69	8.93	12.34	-4.69	7.65	
				62	9.54	8.94	12.26	-4.69	7.57	
				64	9.22	8.90	12.07	-4.69	7.38	
	484T	65	11.54	10.63	14.12	-4.69	9.43			
		66	11.24	10.69	13.98	-4.69	9.29			
	SU	-	13.20	12.68	15.96	-4.69	11.27			
	183	6865	26T	0	-2.43	-3.06	0.28	-4.69	-4.41	
				18	-2.80	-2.62	0.30	-4.69	-4.39	
				36	-2.90	-2.17	0.49	-4.69	-4.20	
			52T	37	2.65	1.68	5.20	-4.69	0.51	
				45	2.42	1.88	5.17	-4.69	0.48	
				52	2.40	2.19	5.31	-4.69	0.62	
106T			53	5.60	4.90	8.27	-4.69	3.58		
			57	5.49	5.13	8.32	-4.69	3.63		
			60	5.36	5.38	8.38	-4.69	3.69		
242T			61	9.27	8.41	11.87	-4.69	7.18		
			62	9.22	8.53	11.90	-4.69	7.21		
			64	9.08	8.82	11.96	-4.69	7.27		
484T	65	11.32	10.82	14.09	-4.69	9.40				
	66	11.13	11.06	14.11	-4.69	9.42				
SU	-	13.14	12.65	15.91	-4.69	11.22				

* 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

- LP

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	-2.60	-2.45	0.49	-4.48	-3.99	24.00
				18	-2.71	-2.20	0.56	-4.48	-3.92	
				36	-2.60	-2.02	0.71	-4.48	-3.77	
			52T	37	2.51	1.92	5.24	-4.48	0.76	
				45	2.40	2.15	5.29	-4.48	0.81	
				52	2.46	2.39	5.44	-4.48	0.96	
			106T	53	5.23	5.18	8.22	-4.48	3.74	
				57	5.18	5.43	8.32	-4.48	3.84	
				60	5.16	5.62	8.41	-4.48	3.93	
			242T	61	9.06	8.71	11.90	-4.48	7.42	
				62	9.10	8.89	12.01	-4.48	7.53	
				64	8.99	9.03	12.02	-4.48	7.54	
	484T	65	11.19	10.99	14.10	-4.48	9.62			
		66	11.07	11.24	14.17	-4.48	9.69			
	SU	-	12.85	12.93	15.90	-4.48	11.42			
	215	7025	26T	0	-2.58	-2.89	0.28	-4.48	-4.20	
				18	-2.60	-2.80	0.31	-4.48	-4.17	
				36	-2.55	-2.62	0.43	-4.48	-4.05	
			52T	37	2.54	1.64	5.12	-4.48	0.64	
				45	2.40	1.77	5.11	-4.48	0.63	
				52	2.30	1.88	5.11	-4.48	0.63	
			106T	53	5.60	4.96	8.30	-4.48	3.82	
				57	5.50	5.08	8.31	-4.48	3.83	
				60	5.34	5.19	8.28	-4.48	3.80	
242T			61	9.38	8.84	12.13	-4.48	7.65		
			62	9.34	8.89	12.13	-4.48	7.65		
			64	9.14	8.99	12.08	-4.48	7.60		
484T	65	11.35	10.66	14.03	-4.48	9.55				
	66	11.15	10.77	13.97	-4.48	9.49				
SU	-	13.00	12.65	15.84	-4.48	11.36				

* 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
- SP

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	7.626	8.803	11.265	-	-2.38	8.885	17.00
				18	6.582	7.710	10.193	-	-2.38	7.813	
				36	7.818	8.693	11.288	-	-2.38	8.908	
			SU	-	-2.666	-1.633	0.891	-	-2.38	-1.489	
	39	6145	26T	0	7.959	9.023	11.534	-	-2.38	9.154	
				18	6.328	7.446	9.933	-	-2.38	7.553	
				36	7.874	8.963	11.463	-	-2.38	9.083	
	SU	-	-2.646	-1.309	1.084	-	-2.38	-1.296			
	87	6385	26T	0	8.385	9.012	11.720	-	-2.38	9.340	
				18	6.987	7.745	10.393	-	-2.38	8.013	
				36	8.265	8.131	11.209	-	-2.38	8.829	
			SU	-	-2.504	-1.808	0.868	-	-2.38	-1.512	
UNII-7	135	6625	26T	0	8.839	8.067	11.480	-	-4.69	6.790	
				18	7.574	6.843	10.234	-	-4.69	5.544	
				36	8.484	7.983	11.251	-	-4.69	6.561	
			SU	-	-1.558	-2.108	1.186	-	-4.69	-3.504	
	151	6705	26T	0	8.024	7.959	11.002	-	-4.69	6.312	
				18	6.493	6.505	9.509	-	-4.69	4.819	
				36	7.203	7.562	10.397	-	-4.69	5.707	
			SU	-	-2.591	-2.668	0.381	-	-4.69	-4.309	
	167	6785	26T	0	8.664	8.115	11.408	-	-4.69	6.718	
				18	6.828	6.422	9.640	-	-4.69	4.950	
				36	7.759	7.489	10.636	-	-4.69	5.946	
			SU	-	-2.702	-2.686	0.316	-	-4.69	-4.374	

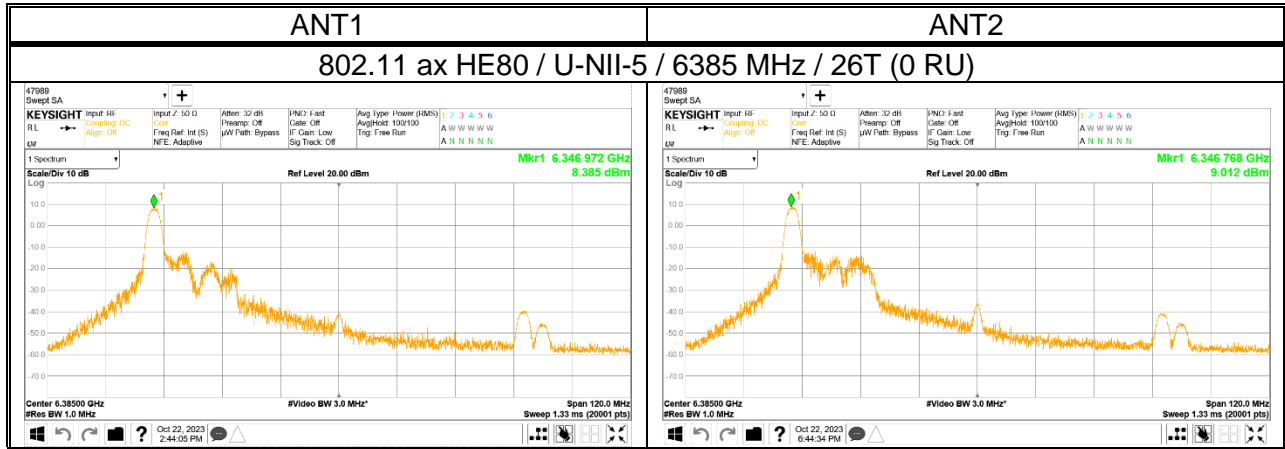
* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain

- LP

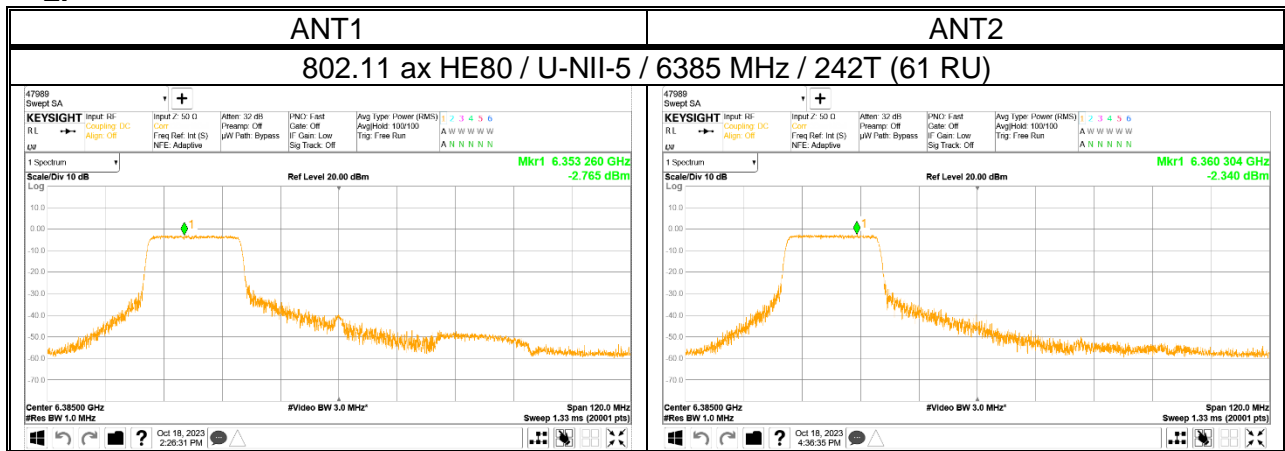
Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	7	5985	242T	61	-3.499	-2.022	0.312	0.11	-2.38	-1.958	-1.00
				62	-3.694	-2.249	0.099	0.11	-2.38	-2.171	
				64	-4.010	-2.471	-0.162	0.11	-2.38	-2.432	
			SU	-	-5.731	-4.618	-2.129	-	-2.38	-4.509	
	39	6145	242T	61	-4.221	-2.606	-0.329	0.11	-2.38	-2.599	
				62	-4.214	-2.399	-0.202	0.11	-2.38	-2.472	
				64	-3.865	-2.932	-0.363	0.11	-2.38	-2.633	
			SU	-	-5.931	-4.362	-2.066	-	-2.38	-4.446	
	87	6385	242T	61	-2.765	-2.340	0.463	0.11	-2.38	-1.807	
				62	-2.453	-2.726	0.423	0.11	-2.38	-1.847	
				64	-2.688	-3.078	0.132	0.11	-2.38	-2.138	
			SU	-	-4.589	-4.942	-1.752	-	-2.38	-4.132	
UNII-6	103	6465	242T	61	-2.400	-2.670	0.477	0.11	-4.03	-3.443	
				62	-2.234	-3.058	0.384	0.11	-4.03	-3.536	
				64	-2.324	-3.389	0.186	0.11	-4.03	-3.734	
			SU	-	-4.476	-5.343	-1.878	-	-4.03	-5.908	
UNII-7	119	6545	242T	61	-1.776	-2.768	0.767	0.11	-4.69	-3.813	
				62	-1.762	-3.090	0.635	0.11	-4.69	-3.945	
				64	-1.936	-3.504	0.361	0.11	-4.69	-4.219	
			SU	-	-3.880	-5.479	-1.596	-	-4.69	-6.286	
	151	6705	242T	61	-2.459	-3.178	0.207	0.11	-4.69	-4.373	
				62	-2.450	-3.145	0.227	0.11	-4.69	-4.353	
				64	-2.881	-3.053	0.044	0.11	-4.69	-4.536	
			SU	-	-4.500	-5.241	-1.844	-	-4.69	-6.534	
	183	6865	242T	61	-2.607	-3.379	0.034	0.11	-4.69	-4.546	
				62	-2.530	-3.348	0.091	0.11	-4.69	-4.489	
				64	-2.769	-2.945	0.154	0.11	-4.69	-4.426	
			SU	-	-4.757	-5.118	-1.923	-	-4.69	-6.613	
UNII-8	199	6945	242T	61	-2.706	-3.263	0.035	0.11	-4.48	-4.335	
				62	-2.555	-3.179	0.154	0.11	-4.48	-4.216	
				64	-2.757	-2.809	0.227	0.11	-4.48	-4.143	
			SU	-	-4.845	-4.912	-1.868	-	-4.48	-6.348	
	215	7025	242T	61	-2.548	-3.163	0.166	0.11	-4.48	-4.204	
				62	-2.472	-3.202	0.189	0.11	-4.48	-4.181	
				64	-2.864	-2.956	0.101	0.11	-4.48	-4.269	
			SU	-	-4.554	-4.863	-1.695	-	-4.48	-6.175	

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

- SP



- LP



10.1.5. 802.11ax HE160 MODE

**Output Power Results
 - SP**

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	9.73	10.29	13.03	-2.38	10.65	30.00
				0U	10.04	10.29	13.18	-2.38	10.80	
				36U	10.22	10.09	13.17	-2.38	10.79	
			52T	37L	9.83	10.31	13.09	-2.38	10.71	
				37U	10.08	10.29	13.20	-2.38	10.82	
				52U	10.26	10.13	13.21	-2.38	10.83	
			106T	53L	9.98	10.43	13.22	-2.38	10.84	
				53U	10.21	10.42	13.33	-2.38	10.95	
				60U	10.47	10.31	13.40	-2.38	11.02	
			242T	61L	13.01	13.22	16.13	-2.38	13.75	
				61U	13.11	13.10	16.12	-2.38	13.74	
				64U	13.28	13.09	16.20	-2.38	13.82	
	484T	65L	13.17	13.18	16.19	-2.38	13.81			
		66L	13.07	13.04	16.07	-2.38	13.69			
		66U	13.30	13.11	16.22	-2.38	13.84			
	996T	67L	13.06	13.02	16.05	-2.38	13.67			
		67U	13.19	13.11	16.16	-2.38	13.78			
	SU	-	13.60	14.14	16.89	-2.38	14.51			
	47	6185	26T	0L	10.68	10.24	13.48	-2.38	11.10	
				0U	10.93	10.38	13.67	-2.38	11.29	
				36U	10.64	10.14	13.41	-2.38	11.03	
			52T	37L	10.71	10.26	13.50	-2.38	11.12	
				37U	10.90	10.37	13.65	-2.38	11.27	
				52U	10.62	10.16	13.41	-2.38	11.03	
			106T	53L	10.83	10.33	13.60	-2.38	11.22	
				53U	10.53	9.92	13.25	-2.38	10.87	
				60U	10.37	9.73	13.07	-2.38	10.69	
			242T	61L	13.03	12.98	16.02	-2.38	13.64	
				61U	13.04	13.07	16.07	-2.38	13.69	
				64U	12.89	13.02	15.97	-2.38	13.59	
	484T	65L	13.05	12.96	16.02	-2.38	13.64			
		66L	13.03	12.94	16.00	-2.38	13.62			
		66U	12.98	12.90	15.95	-2.38	13.57			
	996T	67L	13.06	12.86	15.97	-2.38	13.59			
		67U	13.10	12.88	16.00	-2.38	13.62			
	SU	-	13.68	13.69	16.70	-2.38	14.32			
79	6345	26T	0L	10.06	10.15	13.12	-2.38	10.74		
			0U	9.70	9.82	12.77	-2.38	10.39		
			36U	9.85	9.64	12.76	-2.38	10.38		
		52T	37L	10.68	10.77	13.74	-2.38	11.36		
			37U	10.20	10.40	13.31	-2.38	10.93		
			52U	9.90	9.70	12.81	-2.38	10.43		
		106T	53L	10.80	10.86	13.84	-2.38	11.46		
			53U	10.30	10.48	13.40	-2.38	11.02		
			60U	10.06	9.79	12.94	-2.38	10.56		
		242T	61L	13.35	13.44	16.41	-2.38	14.03		
			61U	12.94	13.12	16.04	-2.38	13.66		
			64U	12.78	12.63	15.72	-2.38	13.34		
484T	65L	13.34	13.45	16.41	-2.38	14.03				
	66L	13.06	13.19	16.14	-2.38	13.76				
	66U	12.81	12.51	15.67	-2.38	13.29				
996T	67L	13.08	13.15	16.13	-2.38	13.75				
	67U	12.99	12.85	15.93	-2.38	13.55				
SU	-	13.73	13.53	16.64	-2.38	14.26				

* 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
 * HE160 = HE80L + HE80U

- LP

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	-2.50	-3.57	0.01	-2.38	-2.37	24.00
				0U	-2.15	-3.35	0.30	-2.38	-2.08	
				36U	-2.46	-3.35	0.13	-2.38	-2.25	
			52T	37L	1.50	2.45	5.01	-2.38	2.63	
				37U	1.81	2.46	5.16	-2.38	2.78	
				52U	1.94	2.24	5.10	-2.38	2.72	
			106T	53L	5.24	5.58	8.42	-2.38	6.04	
				53U	5.48	5.42	8.46	-2.38	6.08	
				60U	5.65	5.26	8.47	-2.38	6.09	
			242T	61L	8.88	9.40	12.16	-2.38	9.78	
				61U	9.06	9.16	12.12	-2.38	9.74	
				64U	9.25	9.16	12.22	-2.38	9.84	
	484T	65L	10.80	11.28	14.06	-2.38	11.68			
		66L	10.90	11.10	14.01	-2.38	11.63			
		66U	11.15	10.98	14.08	-2.38	11.70			
	996T	67L	13.09	13.33	16.22	-2.38	13.84			
		67U	13.28	13.19	16.25	-2.38	13.87			
		SU	-	13.20	13.54	16.38	-2.38	14.00		
	47	6185	26T	0L	-2.04	-3.61	0.26	-2.38	-2.12	
				0U	-2.25	-3.02	0.39	-2.38	-1.99	
				36U	-2.88	-2.80	0.17	-2.38	-2.21	
			52T	37L	2.05	1.67	4.87	-2.38	2.49	
				37U	2.25	1.86	5.07	-2.38	2.69	
				52U	2.05	1.70	4.89	-2.38	2.51	
			106T	53L	5.01	5.19	8.11	-2.38	5.73	
				53U	5.30	5.28	8.30	-2.38	5.92	
				60U	5.11	5.13	8.13	-2.38	5.75	
			242T	61L	9.14	9.35	12.26	-2.38	9.88	
				61U	9.31	9.37	12.35	-2.38	9.97	
				64U	9.25	9.28	12.28	-2.38	9.90	
	484T	65L	11.02	10.91	13.98	-2.38	11.60			
		66L	11.07	10.91	14.00	-2.38	11.62			
		66U	11.05	10.86	13.97	-2.38	11.59			
	996T	67L	13.08	12.94	16.02	-2.38	13.64			
		67U	13.14	12.93	16.05	-2.38	13.67			
		SU	-	13.67	13.33	16.51	-2.38	14.13		
79	6345	26T	0L	-2.37	-2.93	0.37	-2.38	-2.01		
			0U	-2.90	-2.94	0.09	-2.38	-2.29		
			36U	-3.58	-4.02	-0.78	-2.38	-3.16		
		52T	37L	2.62	2.74	5.69	-2.38	3.31		
			37U	2.22	2.39	5.32	-2.38	2.94		
			52U	1.80	1.53	4.68	-2.38	2.30		
		106T	53L	5.68	5.71	8.71	-2.38	6.33		
			53U	5.18	5.34	8.27	-2.38	5.89		
			60U	4.90	5.60	8.27	-2.38	5.89		
		242T	61L	9.64	9.67	12.67	-2.38	10.29		
			61U	9.06	9.20	12.14	-2.38	9.76		
			64U	8.94	8.70	11.83	-2.38	9.45		
484T	65L	11.40	11.43	14.43	-2.38	12.05				
	66L	11.08	11.22	14.16	-2.38	11.78				
	66U	10.72	10.51	13.63	-2.38	11.25				
996T	67L	13.38	13.30	16.35	-2.38	13.97				
	67U	12.88	12.72	15.81	-2.38	13.43				
	SU	-	13.74	13.51	16.64	-2.38	14.26			

* 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
 * HE160 = HE80L + HE80U

- LP

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	-2.99	-3.89	-0.41	-4.03	-4.44	24.00
				0U	-2.84	-4.20	-0.46	-4.03	-4.49	
				36U	-2.60	-4.40	-0.40	-4.03	-4.43	
			52T	37L	2.50	2.95	5.74	-4.03	1.71	
				37U	2.51	2.00	5.27	-4.03	1.24	
				52U	2.30	1.20	4.80	-4.03	0.77	
			106T	53L	5.85	5.73	8.80	-4.03	4.77	
				53U	5.75	4.79	8.31	-4.03	4.28	
				60U	5.53	4.06	7.87	-4.03	3.84	
			242T	61L	9.62	9.90	12.77	-4.03	8.74	
				61U	9.46	8.90	12.20	-4.03	8.17	
				64U	9.38	8.30	11.88	-4.03	7.85	
			484T	65L	11.38	11.50	14.45	-4.03	10.42	
				66L	11.32	11.01	14.18	-4.03	10.15	
				66U	11.26	10.14	13.75	-4.03	9.72	
			996T	67L	13.44	13.17	16.32	-4.03	12.29	
				67U	13.31	12.25	15.82	-4.03	11.79	
			SU	-	13.55	13.08	16.33	-4.03	12.30	

* 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

- SP

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	10.80	10.62	13.72	-4.69	9.03	30.00
				0U	10.52	10.29	13.42	-4.69	8.73	
				36U	9.90	10.19	13.06	-4.69	8.37	
			52T	37L	10.80	10.63	13.73	-4.69	9.04	
				37U	10.55	10.33	13.45	-4.69	8.76	
				52U	9.99	10.26	13.14	-4.69	8.45	
			106T	53L	10.88	10.70	13.80	-4.69	9.11	
				53U	10.57	10.38	13.49	-4.69	8.80	
				60U	10.03	10.31	13.18	-4.69	8.49	
			242T	61L	13.56	13.35	16.47	-4.69	11.78	
				61U	13.28	13.15	16.23	-4.69	11.54	
				64U	12.85	13.19	16.03	-4.69	11.34	
			484T	65L	13.51	13.27	16.40	-4.69	11.71	
				66L	13.29	13.04	16.18	-4.69	11.49	
				66U	12.93	12.99	15.97	-4.69	11.28	
			996T	67L	13.44	13.14	16.30	-4.69	11.61	
				67U	12.95	13.07	16.02	-4.69	11.33	
			SU	-	13.66	13.33	16.51	-4.69	11.82	

* 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

- LP

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	-2.16	-4.48	-0.16	-4.69	-4.85	23.00
				0U	-2.19	-3.98	0.02	-4.69	-4.67	
				36U	-3.31	-3.82	-0.55	-4.69	-5.24	
			52T	37L	2.55	2.18	5.38	-4.69	0.69	
				37U	2.40	1.84	5.14	-4.69	0.45	
				52U	1.89	1.74	4.83	-4.69	0.14	
			106T	53L	5.76	5.33	8.56	-4.69	3.87	
				53U	5.52	4.96	8.26	-4.69	3.57	
				60U	4.97	4.93	7.96	-4.69	3.27	
			242T	61L	9.46	8.94	12.22	-4.69	7.53	
				61U	9.20	8.50	11.87	-4.69	7.18	
				64U	8.80	8.51	11.67	-4.69	6.98	
			484T	65L	11.32	10.92	14.13	-4.69	9.44	
				66L	11.23	10.72	13.99	-4.69	9.30	
				66U	11.00	10.60	13.81	-4.69	9.12	
			996T	67L	13.39	12.74	16.09	-4.69	11.40	
				67U	13.02	12.58	15.82	-4.69	11.13	
			SU	-	13.72	13.37	16.56	-4.69	11.87	
	175	6825	26T	0L	-2.25	-4.02	-0.04	-4.69	-4.73	
				0U	-2.90	-2.45	0.34	-4.69	-4.35	
				36U	-3.88	-2.02	0.16	-4.69	-4.53	
			52T	37L	2.84	1.21	5.11	-4.69	0.42	
				37U	2.28	1.62	4.97	-4.69	0.28	
				52U	1.76	2.03	4.91	-4.69	0.22	
			106T	53L	5.99	4.55	8.34	-4.69	3.65	
				53U	5.40	4.90	8.17	-4.69	3.48	
				60U	4.90	5.30	8.11	-4.69	3.42	
			242T	61L	9.62	7.93	11.87	-4.69	7.18	
				61U	9.02	8.21	11.64	-4.69	6.95	
				64U	8.65	8.60	11.64	-4.69	6.95	
			484T	65L	11.59	10.36	14.03	-4.69	9.34	
				66L	11.24	10.50	13.90	-4.69	9.21	
				66U	10.70	10.91	13.82	-4.69	9.13	
			996T	67L	13.30	12.39	15.88	-4.69	11.19	
				67U	12.76	12.77	15.78	-4.69	11.09	
			SU	-	13.52	12.95	16.25	-4.69	11.56	

* 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
 * HE160 = HE80L + HE80U

- LP

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	-2.66	-3.12	0.13	-4.48	-4.35	24.00
				0U	-2.95	-2.31	0.39	-4.48	-4.09	
				36U	-3.05	-2.39	0.30	-4.48	-4.18	
			52T	37L	2.50	1.12	4.87	-4.48	0.39	
				37U	2.40	1.75	5.10	-4.48	0.62	
				52U	2.16	1.90	5.04	-4.48	0.56	
			106T	53L	5.60	4.54	8.11	-4.48	3.63	
				53U	5.42	5.03	8.24	-4.48	3.76	
				60U	5.20	5.21	8.22	-4.48	3.74	
			242T	61L	9.30	8.35	11.86	-4.48	7.38	
				61U	9.10	8.80	11.96	-4.48	7.48	
				64U	9.01	8.96	12.00	-4.48	7.52	
			484T	65L	11.25	10.24	13.78	-4.48	9.30	
				66L	11.15	10.43	13.82	-4.48	9.34	
				66U	10.93	10.75	13.85	-4.48	9.37	
			996T	67L	13.10	12.42	15.78	-4.48	11.30	
				67U	12.90	12.71	15.82	-4.48	11.34	
			SU	-	13.64	12.89	16.29	-4.48	11.81	

* 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
- SP

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	7.182	8.589	10.953	-	-2.38	8.573	17.00
				0U	7.359	8.510	10.983	-	-2.38	8.603	
				36U	7.844	8.079	10.973	-	-2.38	8.593	
			SU	-	-6.580	-6.201	-3.376	-	-2.38	-5.756	
	47	6185	26T	0L	7.971	8.341	11.170	-	-2.38	8.790	
				0U	7.910	8.178	11.056	-	-2.38	8.676	
				36U	8.155	7.724	10.955	-	-2.38	8.575	
	SU	-	-7.206	-6.437	-3.794	-	-2.38	-6.174			
	79	6345	26T	0L	7.279	7.771	10.542	-	-2.38	8.162	
				0U	7.463	7.528	10.506	-	-2.38	8.126	
				36U	6.857	6.938	9.908	-	-2.38	7.528	
			SU	-	-6.119	-5.971	-3.034	-	-2.38	-5.414	
UNII-7	143	6665	26T	0L	8.150	8.158	11.164	-	-4.69	6.474	
				0U	8.590	7.966	11.299	-	-4.69	6.609	
				36U	7.597	7.753	10.686	-	-4.69	5.996	
			SU	-	-6.515	-7.160	-3.815	-	-4.69	-8.505	

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

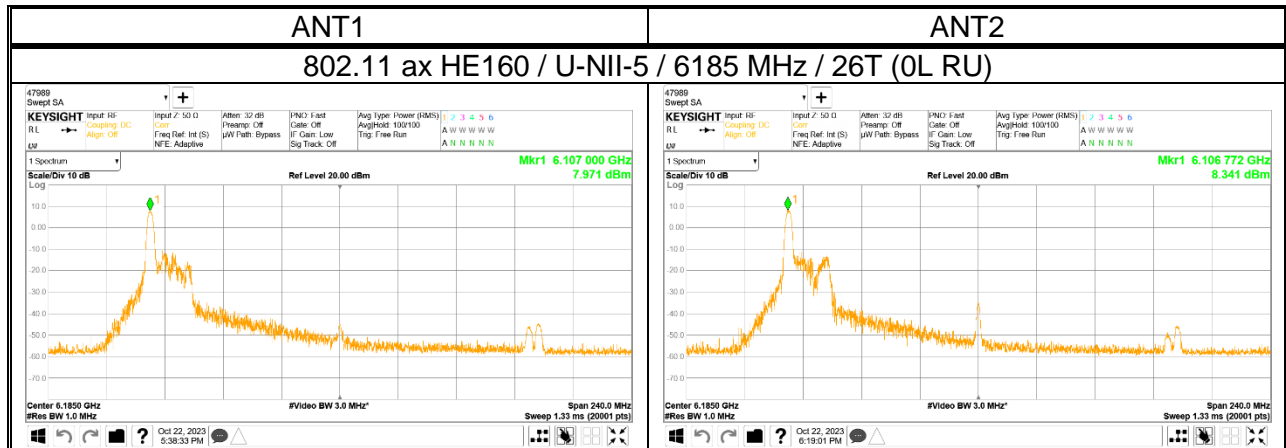
* HE160 = HE80L + HE80U

- LP

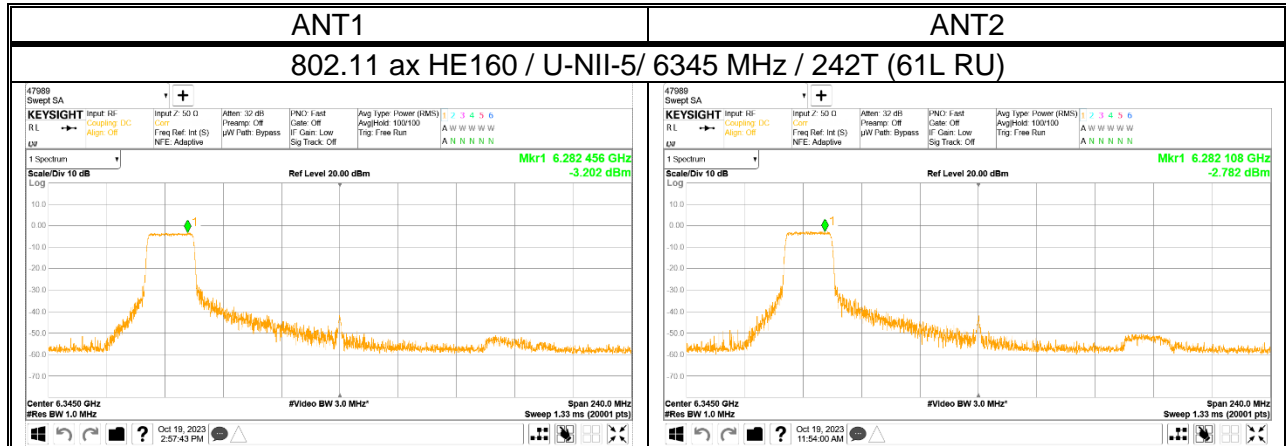
Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	15	6025	242T	61L	-4.085	-2.558	-0.244	0.11	-2.38	-2.514	-1.00
				61U	-4.381	-2.648	-0.418	0.11	-2.38	-2.688	
				64U	-4.105	-2.636	-0.298	0.11	-2.38	-2.568	
			SU	-	-8.440	-6.439	-4.315	-	-2.38	-6.695	
	47	6185	242T	61L	-3.863	-2.406	-0.063	0.11	-2.38	-2.333	
				61U	-4.090	-2.785	-0.378	0.11	-2.38	-2.648	
				64U	-3.861	-3.026	-0.413	0.11	-2.38	-2.683	
			SU	-	-8.012	-6.456	-4.154	-	-2.38	-6.534	
	79	6345	242T	61L	-3.202	-2.782	0.023	0.11	-2.38	-2.247	
				61U	-3.195	-3.220	-0.197	0.11	-2.38	-2.467	
				64U	-2.809	-3.759	-0.248	0.11	-2.38	-2.518	
			SU	-	-7.282	-6.353	-3.782	-	-2.38	-6.162	
UNII-6	111	6505	242T	61L	-2.278	-2.708	0.523	0.11	-4.03	-3.397	
				61U	-2.356	-3.191	0.257	0.11	-4.03	-3.663	
				64U	-2.708	-4.160	-0.363	0.11	-4.03	-4.283	
			SU	-	-6.804	-7.686	-4.212	-	-4.03	-8.242	
UNII-7	143	6665	242T	61L	-2.478	-3.547	0.031	0.11	-4.69	-4.549	
				61U	-3.176	-3.594	-0.370	0.11	-4.69	-4.950	
				64U	-3.582	-3.946	-0.750	0.11	-4.69	-5.330	
			SU	-	-6.872	-7.532	-4.179	-	-4.69	-8.869	
	175	6825	242T	61L	-2.761	-4.660	-0.597	0.11	-4.69	-5.177	
				61U	-3.347	-3.848	-0.580	0.11	-4.69	-5.160	
				64U	-3.566	-3.668	-0.606	0.11	-4.69	-5.186	
			SU	-	-6.790	-7.287	-4.021	-	-4.69	-8.711	
UNII-8	207	6985	242T	61L	-2.520	-3.666	-0.045	0.11	-4.48	-4.415	
				61U	-2.759	-3.252	0.012	0.11	-4.48	-4.358	
				64U	-2.974	-2.942	0.052	0.11	-4.48	-4.318	
			SU	-	-6.942	-6.825	-3.873	-	-4.48	-8.353	

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

PPSD PLOTS (WORST CASE)
- SP



- LP



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.

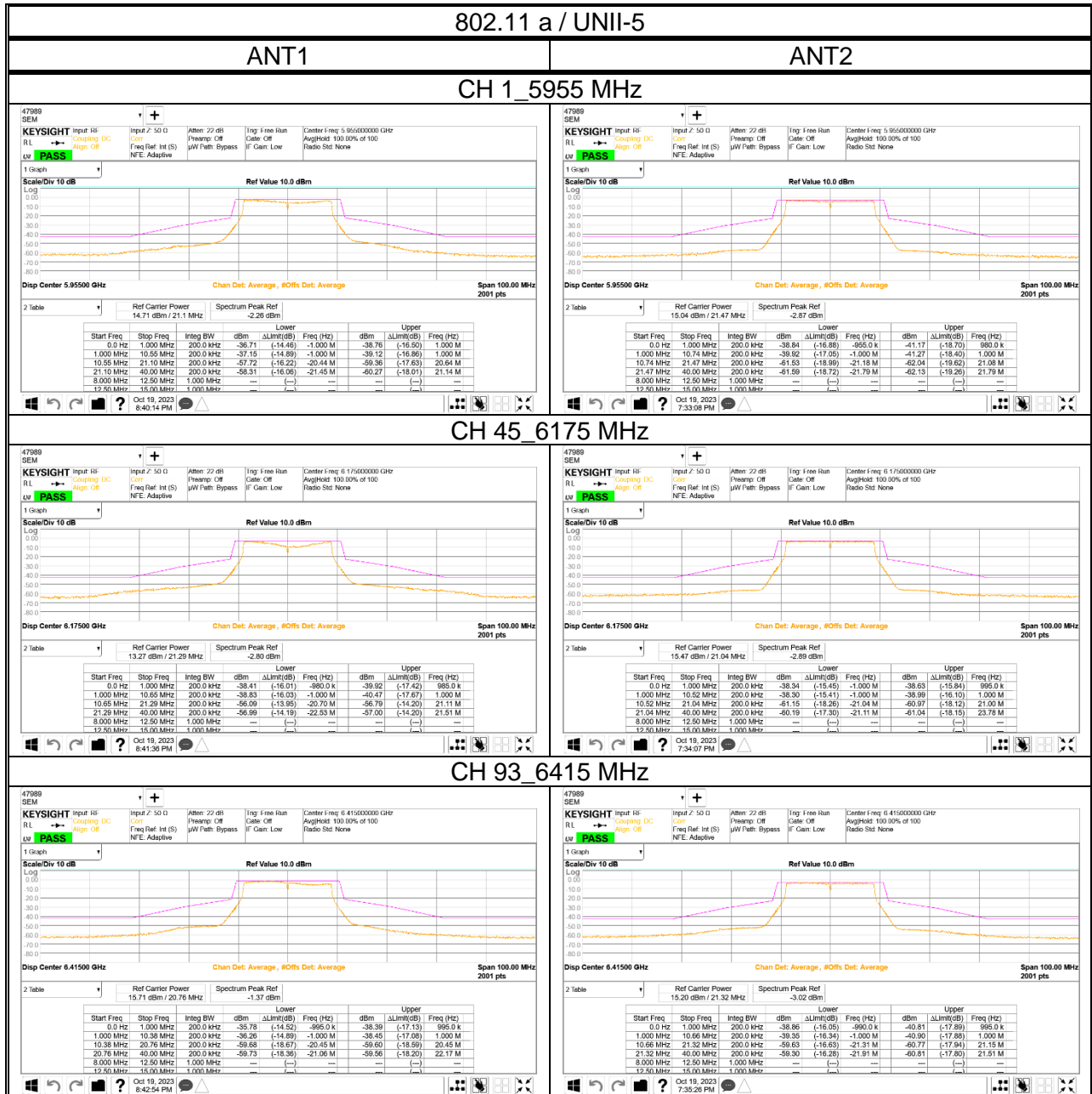
TEST PROCEDURE

KDB 987594 D02

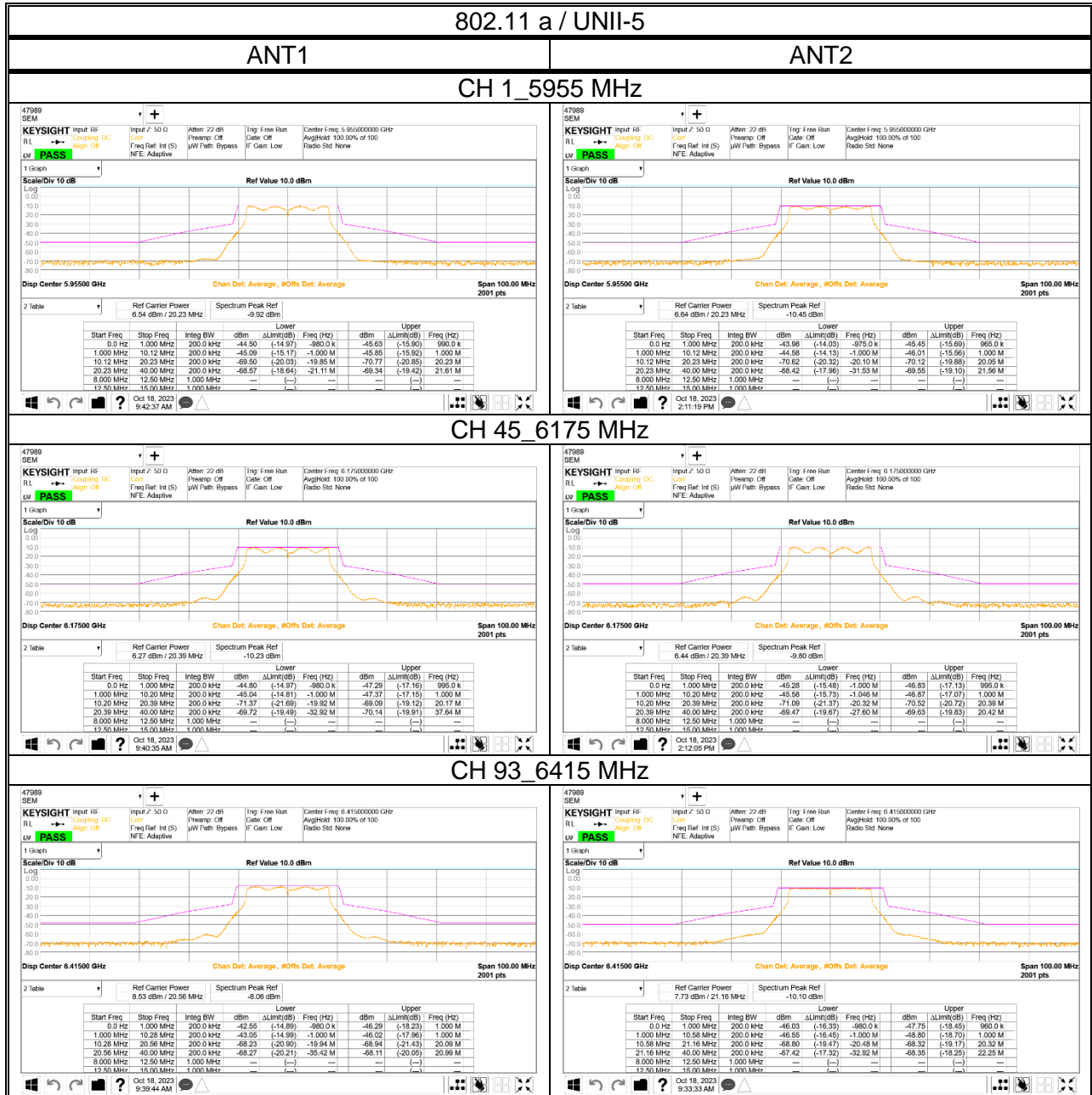
1. Connect output of antenna port to a spectrum analyzer, with appropriate attenuation, as to not damage the instrumentation.
2. Test reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Measure the 26dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013.
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 $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - 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

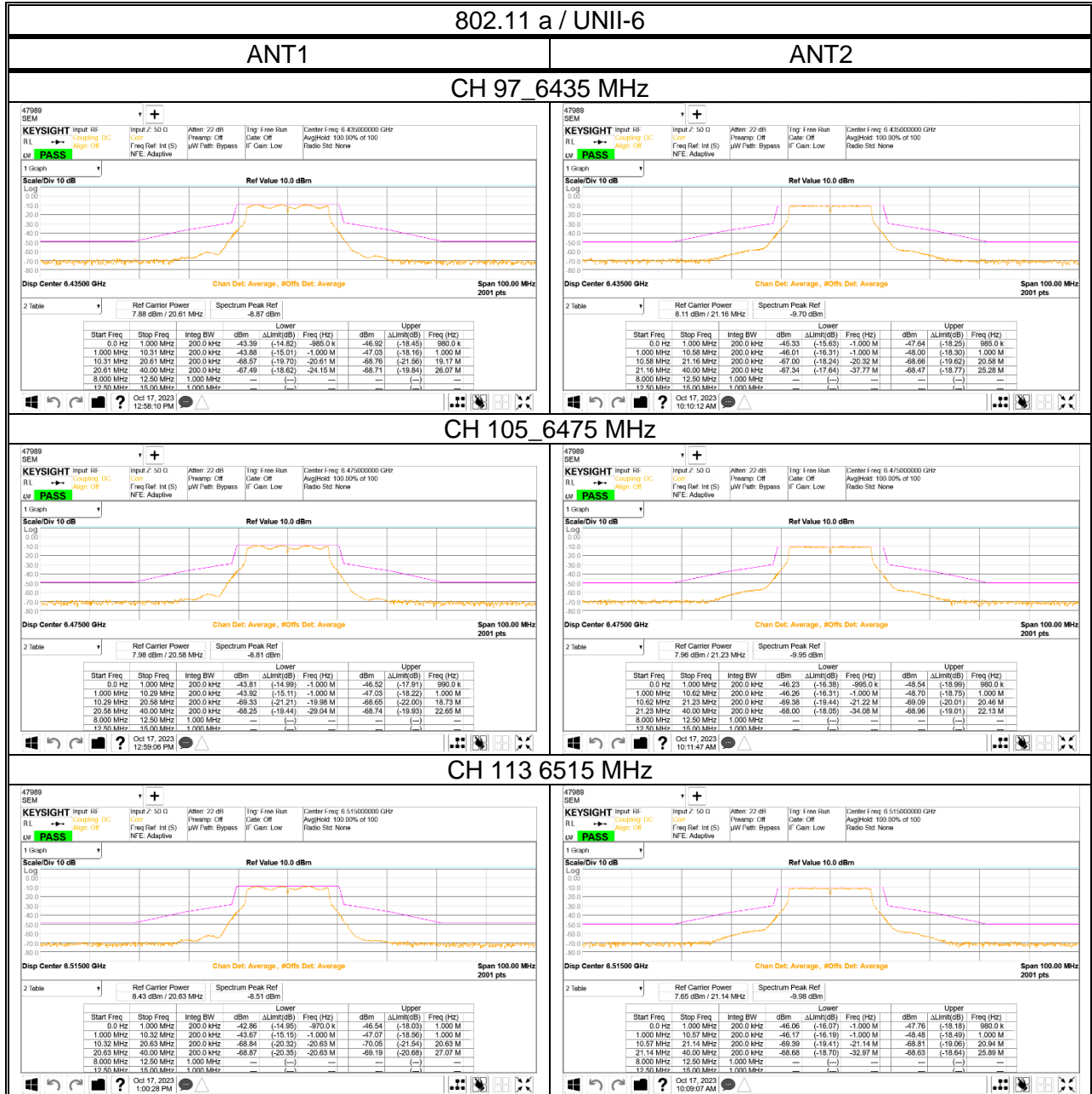
- SP



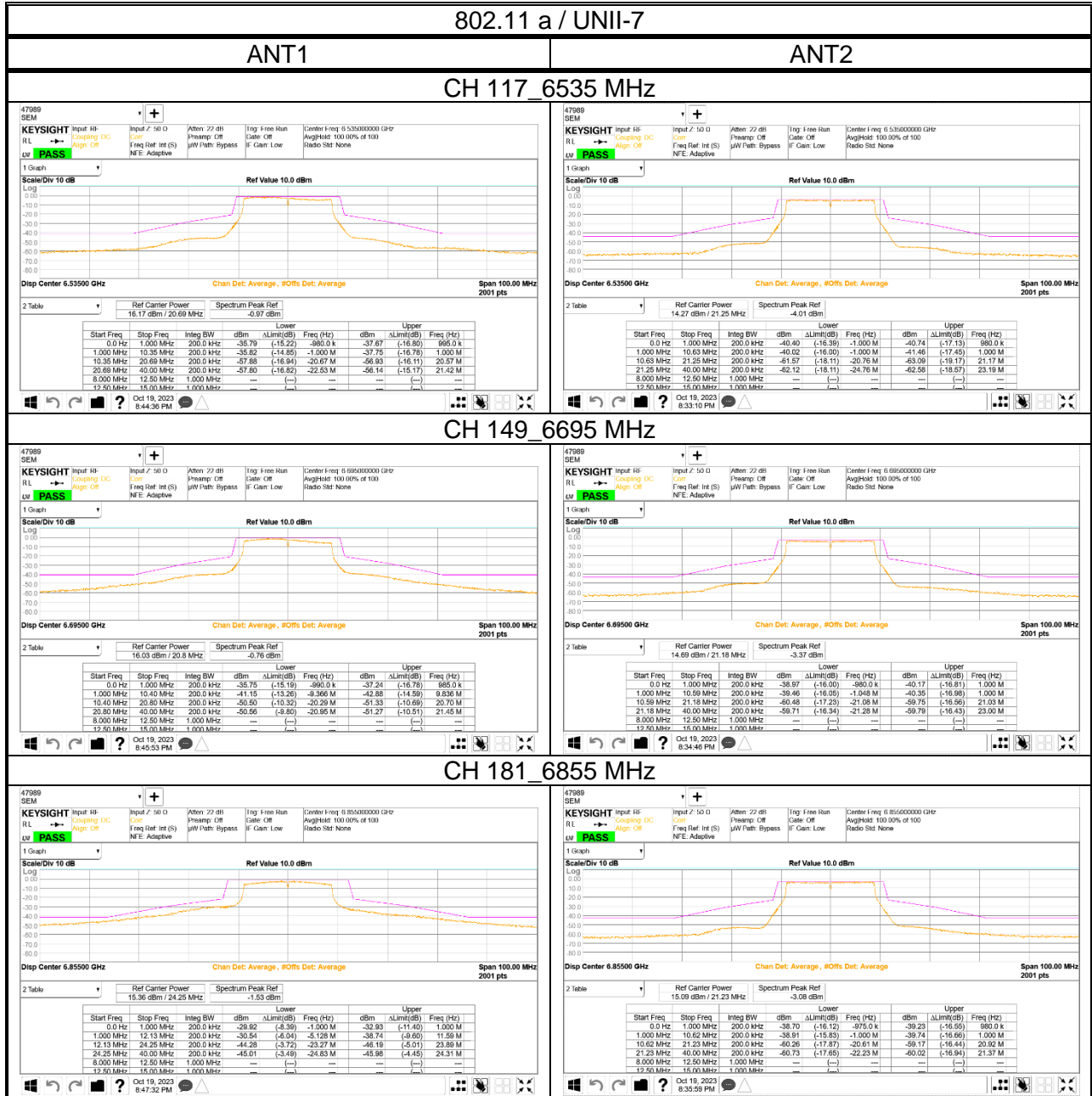
- LP



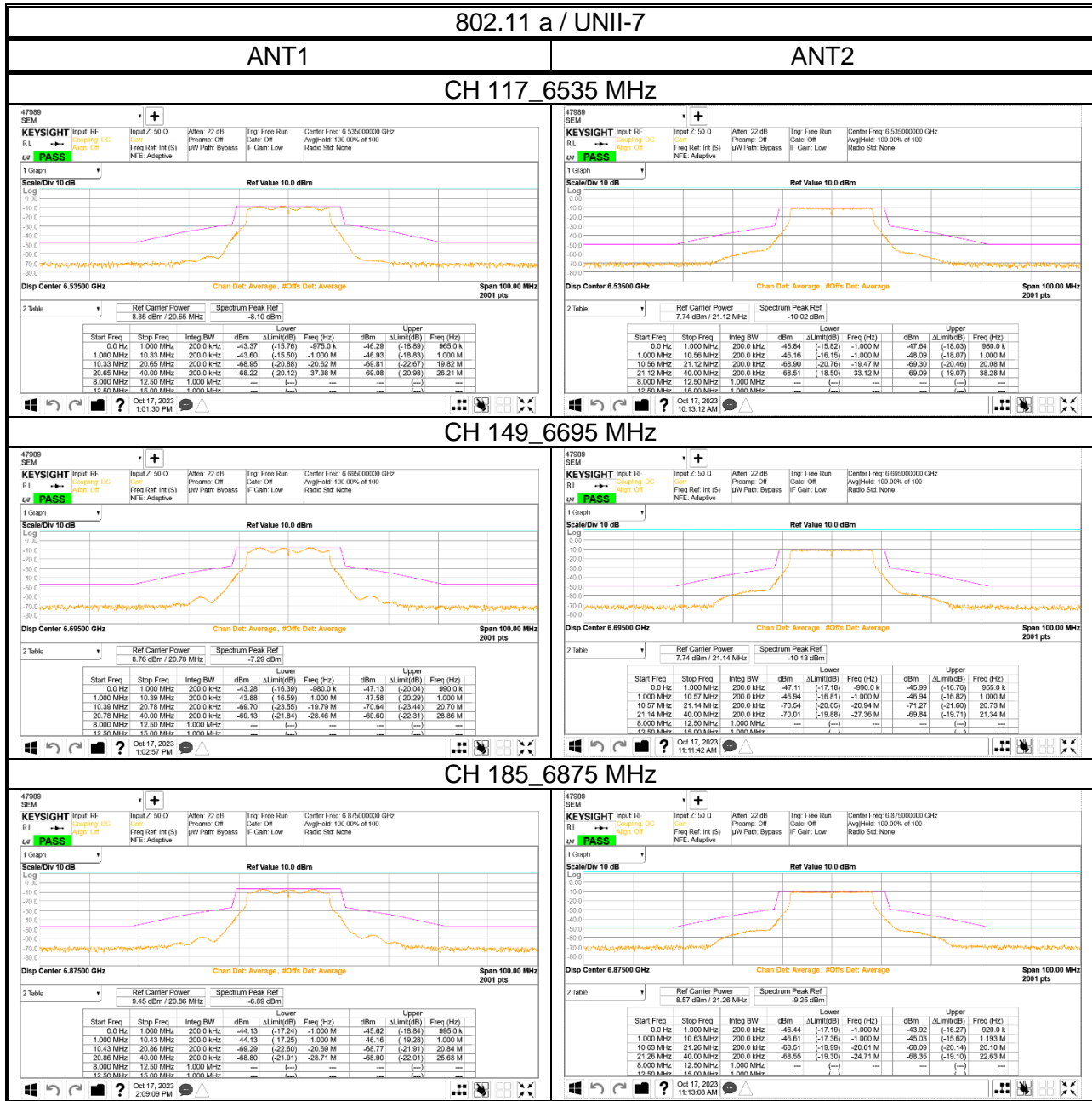
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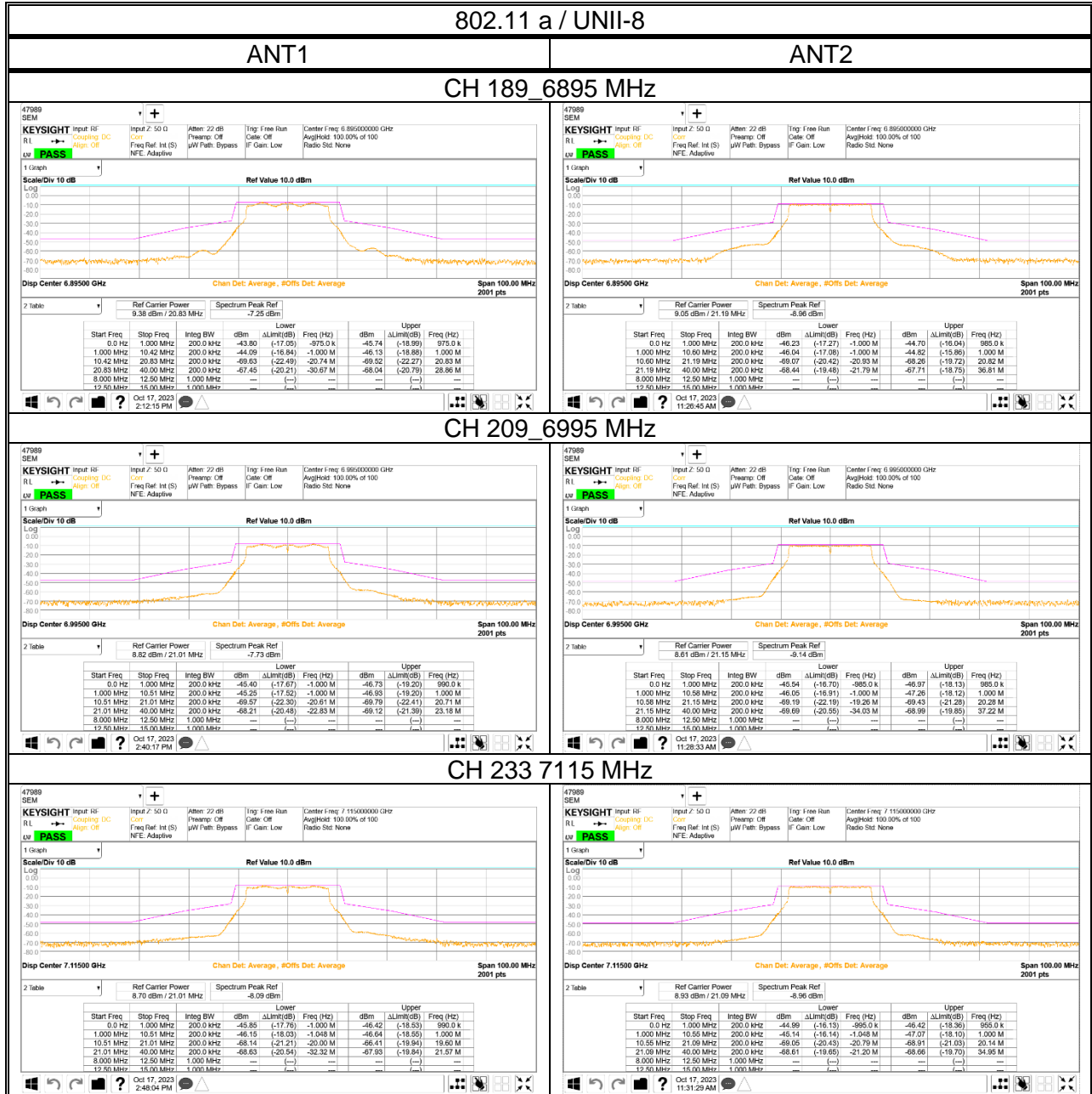
- SP



- LP



- LP



10.2.2. 802.11 ax HE20 MODE

- SP

