

TEST REPORT

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Applicant : Microsoft Corporation
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REPORT REVISION HISTORY

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V2	2024-12-20	Editorial revisions. Added additional notes for test reduction justification. Added gain calculations. Due to image resolution issue, replaced all plots in the report.	B. Kiewra
V3	2025-01-08	Revised MIMO gain calculation notes in section 6.4 and 9.2	B. Kiewra
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V5	2025-02-14	Added note to beginning of section 9.3	B. Kiewra
V6	2025-02-28	Revised note to beginning of section 9.3 Added LPI 26dB BW to section 9.3 Added LPI 320MHz 99% OBW to section 9.4	B. Kiewra

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: Microsoft Corporation
1 Microsoft Way
Redmond, WA 98052-8300, USA

EUT DESCRIPTION Radio Module

MODEL: HWB-Q93

SERIAL NUMBER: 6-19, 6-25, 6-28, 14

SAMPLE RECEIPT DATE: 2023-06-20

DATE TESTED: 2024-08-01 to 2025-02-27

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
47 CFR Part 15 Subpart E	Refer to section 2
ISED RSS-248 Issue 2	Refer to section 2
ISED RSS-GEN Issue 5+A1+A2	Refer to section 2

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

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

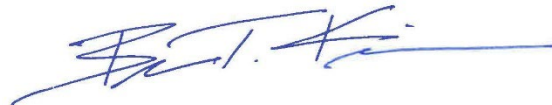
This document may not be altered or revised in any way unless done so by UL LLC and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL LLC will constitute fraud and shall nullify the document.

Approved & Released
For UL LLC By:

Prepared By:



Michael Antola
Staff Engineer
Consumer, Medical and IT Segment
UL LLC



Brian Kiewra
Project Engineer
Consumer, Medical and IT Segment
UL LLC

2. TEST RESULT SUMMARY

FCC Clause	ISED Clause	Requirement	Result	Comment
See Comment		Duty Cycle	Reporting purposes only	ANSI C63.10 Section 12.2
See Comment	RSS-248 4.4	99% BW	Reporting purposes only	ANSI C63.10 Section 6.9.3
§15.407 (a) (10)	NA	26dB BW	Compliant	None
§15.407 (a) (7)	RSS-248 4.5.5	Output Power e.i.r.p.	Compliant	Client device operating under the control of SP AP
§15.407 (a) (8)	RSS-248 4.5.3	Output Power e.i.r.p.	Compliant	Indoor Client.
§15.407 (a) (7)	RSS-248 4.5.5	Power Spectral Density	Compliant	Client device operating under the control of SP AP
§15.407 (a) (8)	RSS-248 4.5.3	Power Spectral Density	Compliant	Indoor Client.
§15.407 (b) (5)	RSS-248 4.6.2 (a)	Emissions outside 5.925-7.125 GHz band	Compliant	None
§15.407 (b) (6)	RSS-248 4.6.2 (b)	Emissions within 5.925-7.125 GHz Band(Emissions Mask)	Compliant	None
§15.407 (d) (6)	RSS-248 4.7	Contention-based protocol	Not Tested	See Separate Report
§15.205, §15.209	RSS-GEN 8.9, 8.10	Radiated Spurious Emissions	Compliant	None
§15.207	RSS-Gen 8.8	AC Mains Conducted Emissions	See Comment	AC Mains emissions testing was not performed since the EUT is a radio module

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with;

- FCC 47 CFR Part 2
- FCC 47 CFR Part 15
- FCC KDB 662911 D01 v02r01
- FCC KDB 789033 D02 v02r01
- ANSI C63.10-2020
- RSS-GEN Issue 5 + A1/2
- RSS-248 Issue 3
- FCC KDB 987594 D01 v03
- FCC KDB 987594 D02 v03

4. FACILITIES AND ACCREDITATION

UL LLC is accredited by A2LA, certification # 0751.06, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☐	Building: 12 Laboratory Dr RTP, NC 27709, U.S.A	US0067	2180C	825374
☒	Building: 2800 Perimeter Park Dr. Suite B Morrisville, NC 27560, U.S.A		27265	

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

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

5.2. DECISION RULES

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

5.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	U _{Lab}
Radio Frequency (Spectrum Analyzer)	141.2 Hz
Occupied Channel Bandwidth	1.22%
RF output power, conducted	1.3 dB (PK) 0.45 dB (AV)
Power Spectral Density, conducted	2.47 dB
Unwanted Emissions, conducted	1.94 dB
All emissions, radiated	6.01 dB
Mains Conducted Emissions (0.150-30MHz) - LISN	3.40 dB
Temperature	0.57°C
Humidity	3.39%
DC Supply voltages	1.70%

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

RADIATED EMISSIONS

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)
 $36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} = 28.9 \text{ dBuV/m}$

MAINS CONDUCTED EMISSIONS

Where relevant, the following sample calculation is provided:

Final Voltage (dBuV) = Measured Voltage (dBuV) + Cable Loss (dB) + Limiter Factor (dB) + LISN Insertion Loss.
 $36.5 \text{ dBuV} + 0 \text{ dB} + 10.1 \text{ dB} + 0 \text{ dB} = 46.6 \text{ dBuV}$

OUTPUT POWER (EIRP)

Conducted Power + Ant Gain= EIRP:

6. EQUIPMENT UNDER TEST

6.1. EUT DESCRIPTION

The EUT is a Radio Module with BT, BLE, 2.4GHz WLAN, 5GHz WLAN, and 6GHz WLAN. This report covers full testing on the 6GHz WLAN radio.

6.2. EUT DEVICE CLASS

EUT is of the following device class:

	U-NII Bands of Operation			
	5	6	7	8
Dual Client (6CD) LPI	☒	☒	☒	☒
Dual Client (6CD) SP	☒	☒ (IC)	☒	☐

6.3. MAXIMUM E.I.R.P

The transmitter has a maximum e.i.r.p. output power as follows:

U-NII 5 (5.925-6.425 GHz) BAND

Frequency Range (MHz)	Mode	e.i.r.p. (dBm)	e.i.r.p (mW)
SP			
5955-6415	802.11a	25.49	354.00
	802.11be EHT20 OFDMA, 26T	17.24	52.97
	802.11be EHT20 OFDMA, 52T	20.41	109.90
	802.11be EHT20 OFDMA, 52T+26T	20.37	108.89
	802.11be EHT20 OFDMA, 106T	23.11	204.64
	802.11be EHT20 OFDMA, 106T+26T	23.09	203.70
	802.11be EHT20 OFDMA, 242T	25.55	358.92
5965-6405	802.11be EHT40 OFDMA, 484T	28.93	781.63
5985-6385	802.11be EHT80 OFDMA, 484T+242T (C)	28.85	767.36
	802.11be EHT80 OFDMA, 484T+242T (NC)	29.15	822.24
	802.11be EHT80 OFDMA, 242T+484T (NC)	28.72	744.73
	802.11be EHT80 OFDMA, 996T	28.95	785.24
6025-6345	802.11be EHT160 OFDMA, 996T+484T (C)	28.49	706.32
	802.11be EHT160 OFDMA, 996T+484T (NC)	28.62	727.78
	802.11be EHT160 OFDMA, 484T+996T (NC)	28.66	734.51
	802.11be EHT160 OFDMA, 996T+484T+242T (C)	29.40	870.96
	802.11be EHT160 OFDMA, 996T+484T+242T (NC)	29.41	872.97
	802.11be EHT160 OFDMA, 996T+242T+484T (NC)	29.45	881.05
	802.11be EHT160 OFDMA, 996T+242T+484T (NC2)	29.43	877.00
	802.11be EHT160 OFDMA, 242T+484T+996T(NC)	29.31	853.10
	802.11be EHT160 OFDMA, 484T+242T+996T(NC)	29.35	860.99
	802.11be EHT160 OFDMA, 484T+242T+996T(NC2)	29.42	874.98
	802.11be EHT160 OFDMA, 2x996T	28.78	755.09
6105-6265	802.11be EHT320 OFDMA, 2x996T+484T (C)	28.77	753.36
	802.11be EHT320 OFDMA, 2x996T+484T (NC)	28.77	753.36
	802.11be EHT320 OFDMA, 484T+2x996T (NC)	28.78	755.09
	802.11be EHT320 OFDMA, 996T+484T+996T (NC)	28.89	774.46
	802.11be EHT320 OFDMA, 996T+484T+996T (NC2)	28.82	762.08
	802.11be EHT320 OFDMA, 3x996T(C)	28.67	736.21
	802.11be EHT320 OFDMA, 3x996T(NC)	28.70	741.31
	802.11be EHT320 OFDMA, 3x996T(NC2)	28.62	727.78
	802.11be EHT320 OFDMA, 3x996T+484T(C)	28.83	763.84
	802.11be EHT320 OFDMA, 3x996T+484T(NC)	28.83	763.84
	802.11be EHT320 OFDMA, 484T+3x996T(NC)	28.93	781.63
	802.11be EHT320 OFDMA, 996T+484T+2x996T (NC)	28.76	751.62
	802.11be EHT320 OFDMA, 996T+484T+2x996T (NC2)	28.90	776.25
	802.11be EHT320 OFDMA, 2x996T+484T+996T (NC)	28.61	726.11
	802.11be EHT320 OFDMA, 2x996T+484T+996T (NC2)	28.77	753.36
	802.11be EHT320 OFDMA, 4x996T	28.79	756.83

Frequency Range (MHz)	Mode	e.i.r.p. (dBm)	e.i.r.p. (mW)
LPI			
5955-6415	802.11a	7.54	5.68
	802.11be EHT20 OFDMA, 26T	-0.20	0.95
	802.11be EHT20 OFDMA, 52T	2.82	1.91
	802.11be EHT20 OFDMA, 52T+26T	2.74	1.88
	802.11be EHT20 OFDMA, 106T	5.37	3.44
	802.11be EHT20 OFDMA, 106T+26T	5.33	3.41
5965-6405	802.11be EHT20 OFDMA, 242T	10.07	10.16
5985-6385	802.11be EHT40 OFDMA, 484T	11.81	15.17
	802.11be EHT80 OFDMA, 484T+242T (C)	12.15	16.41
	802.11be EHT80 OFDMA, 484T+242T (NC)	12.22	16.67
	802.11be EHT80 OFDMA, 242T+484T (NC)	12.24	16.75
	802.11be EHT80 OFDMA, 996T	15.12	32.51
6025-6345	802.11be EHT160 OFDMA, 996T+484T (C)	15.29	33.81
	802.11be EHT160 OFDMA, 996T+484T (NC)	15.59	36.22
	802.11be EHT160 OFDMA, 484T+996T (NC)	15.81	38.11
	802.11be EHT160 OFDMA, 996T+484T+242T (C)	14.06	25.47
	802.11be EHT160 OFDMA, 996T+484T+242T (NC)	14.21	26.36
	802.11be EHT160 OFDMA, 996T+242T+484T (NC)	14.20	26.30
	802.11be EHT160 OFDMA, 996T+242T+484T (NC2)	14.08	25.59
	802.11be EHT160 OFDMA, 242T+484T+996T(NC)	14.20	26.30
	802.11be EHT160 OFDMA, 484T+242T+996T(NC)	14.21	26.36
	802.11be EHT160 OFDMA, 484T+242T+996T(NC2)	14.10	25.70
6105-6265	802.11be EHT160 OFDMA, 2x996T	17.33	54.08
	802.11be EHT320 OFDMA, 2x996T+484T (C)	17.69	58.75
	802.11be EHT320 OFDMA, 2x996T+484T (NC)	17.41	55.08
	802.11be EHT320 OFDMA, 484T+2x996T (NC)	17.59	57.41
	802.11be EHT320 OFDMA, 996T+484T+996T (NC)	17.62	57.81
	802.11be EHT320 OFDMA, 996T+484T+996T (NC2)	17.73	59.29
	802.11be EHT320 OFDMA, 3x996T(C)	17.41	55.08
	802.11be EHT320 OFDMA, 3x996T(NC)	17.45	55.59
	802.11be EHT320 OFDMA, 3x996T(NC2)	17.46	55.72
	802.11be EHT320 OFDMA, 3x996T+484T(C)	17.58	57.28
	802.11be EHT320 OFDMA, 3x996T+484T(NC)	17.49	56.10
	802.11be EHT320 OFDMA, 484T+3x996T(NC)	17.55	56.89
	802.11be EHT320 OFDMA, 996T+484T+2x996T (NC)	17.53	56.62
	802.11be EHT320 OFDMA, 996T+484T+2x996T (NC2)	17.55	56.89
	802.11be EHT320 OFDMA, 2x996T+484T+996T (NC)	17.58	57.28
	802.11be EHT320 OFDMA, 2x996T+484T+996T (NC2)	17.62	57.81
	802.11be EHT320 OFDMA, 4x996T	20.31	107.40

U-NII-6 (6.425-6.525 GHz) BAND

Frequency Range (MHz)	Mode	e.i.r.p. (dBm)	e.i.r.p. (mW)
LPI			
6435-6515	802.11a	7.31	5.38
	802.11be EHT20 OFDMA, 26T	0.14	1.03
	802.11be EHT20 OFDMA, 52T	2.06	1.61
	802.11be EHT20 OFDMA, 52T+26T	1.98	1.58
	802.11be EHT20 OFDMA, 106T	4.56	2.86
	802.11be EHT20 OFDMA, 106T+26T	4.53	2.84
6445-6485	802.11be EHT20 OFDMA, 242T	6.90	4.90
6445-6485	802.11be EHT40 OFDMA, 484T	11.08	12.82
6465-6545	802.11be EHT80 OFDMA, 484T+242T (C) Low	11.12	12.94
	802.11be EHT80 OFDMA, 484T+242T (C) Punctured 0x8	10.17	10.40
	802.11be EHT80 OFDMA, 484T+242T (C) High	11.13	12.97
	802.11be EHT80 OFDMA, 484T+242T (C) Punctured 0x1	10.21	10.50
	802.11be EHT80 OFDMA, 242T+484T (NC)	10.96	12.47
	802.11be EHT80 OFDMA, 242T+484T (NC) Punctured 0x2	10.19	10.45
	802.11be EHT80 OFDMA, 484T+242T (NC)	10.97	12.50
	802.11be EHT80 OFDMA, 484T+242T (NC) Punctured 0x4	10.12	10.28
6505	802.11be EHT80 OFDMA, 996T	14.33	27.10
	802.11be EHT160 OFDMA, 996T+484T (C) Low	14.48	28.05
	802.11be EHT160 OFDMA, 996T+484T (C) Punctured 0xC0	13.34	21.58
	802.11be EHT160 OFDMA, 996T+484T (C) High	14.54	28.44
	802.11be EHT160 OFDMA, 996T+484T (C) Punctured 0x03	13.21	20.94
	802.11be EHT160 OFDMA, 996T+484T (NC)	14.50	28.18
	802.11be EHT160 OFDMA, 996T+484T (NC2)	13.27	21.23
	802.11be EHT160 OFDMA, 484T+996T (NC)	14.61	28.91
	802.11be EHT160 OFDMA, 484T+996T (NC) Punctured 0x0C	13.22	20.99
	802.11be EHT160 OFDMA, 996T+484T+242T (C) Punctured 0x80	14.08	25.59
	802.11be EHT160 OFDMA, 996T+484T+242T (C) Punctured 0x01	14.12	25.82
	802.11be EHT160 OFDMA, 996T+484T+242T (NC)	14.01	25.18
	802.11be EHT160 OFDMA, 996T+242T+484T (NC)	13.99	25.06
	802.11be EHT160 OFDMA, 996T+242T+484T (NC2)	14.01	25.18
	802.11be EHT160 OFDMA, 242T+484T+996T(NC)	14.02	25.23
	802.11be EHT160 OFDMA, 484T+242T+996T(NC)	14.09	25.64
6425-6585	802.11be EHT160 OFDMA, 484T+242T+996T(NC2)	14.08	25.59
	802.11be EHT160 OFDMA, 2x996T	17.38	54.70
	802.11be EHT320 OFDMA, 2x996T+484T (C) MRU6	17.54	56.75
	802.11be EHT320 OFDMA, 2x996T+484T (C) MRU1	17.07	50.93
	802.11be EHT320 OFDMA, 2x996T+484T (C) MRU7	17.33	54.08
	802.11be EHT320 OFDMA, 2x996T+484T (C) MRU12	17.18	52.24
	802.11be EHT320 OFDMA, 2x996T+484T (NC) MRU5	17.53	56.62
	802.11be EHT320 OFDMA, 2x996T+484T (NC) MRU11	17.11	51.40
	802.11be EHT320 OFDMA, 484T+2x996T (NC)	17.47	55.85
	802.11be EHT320 OFDMA, 484T+2x996T (NC2)	17.16	52.00
	802.11be EHT320 OFDMA, 996T+484T+996T (NC) Low	17.53	56.62
	802.11be EHT320 OFDMA, 996T+484T+996T (NC) High	17.04	50.58
	802.11be EHT320 OFDMA, 996T+484T+996T (NC2) Low	17.50	56.23
	802.11be EHT320 OFDMA, 996T+484T+996T (NC2) High	17.10	51.29
	802.11be EHT320 OFDMA, 3x996T(C) Low	17.36	54.45
	802.11be EHT320 OFDMA, 3x996T(C) High	17.36	54.45
	802.11be EHT320 OFDMA, 3x996T(NC)	17.34	54.20
	802.11be EHT320 OFDMA, 3x996T(NC2)	17.38	54.70
	802.11be EHT320 OFDMA, 3x996T+484T(C) Low	17.47	55.85
	802.11be EHT320 OFDMA, 3x996T+484T(C) High	17.43	55.34
	802.11be EHT320 OFDMA, 3x996T+484T(NC)	17.49	56.10
	802.11be EHT320 OFDMA, 484T+3x996T(NC)	17.46	55.72
	802.11be EHT320 OFDMA, 996T+484T+2x996T (NC)	17.41	55.08
	802.11be EHT320 OFDMA, 996T+484T+2x996T (NC2)	17.43	55.34
	802.11be EHT320 OFDMA, 2x996T+484T+996T (NC)	17.45	55.59
	802.11be EHT320 OFDMA, 2x996T+484T+996T (NC2)	17.42	55.21
	802.11be EHT320 OFDMA, 4x996T	20.12	102.80

U-NII-7 (6.525-6.875 GHz) BAND

Frequency Range (MHz)	Mode	e.i.r.p. (dBm)	e.i.r.p. (mW)
SP			
6535-6855	802.11a	25.93	391.74
	802.11be EHT20 OFDMA, 26T	18.12	64.86
	802.11be EHT20 OFDMA, 52T	21.04	127.06
	802.11be EHT20 OFDMA, 52T+26T	21.07	127.94
	802.11be EHT20 OFDMA, 106T	23.99	250.61
	802.11be EHT20 OFDMA, 106T+26T	24.04	253.51
6565-6845	802.11be EHT20 OFDMA, 242T	25.80	380.19
6625-6785	802.11be EHT40 OFDMA, 484T	29.14	820.35
	802.11be EHT80 OFDMA, 484T+242T (C) Low	28.85	767.36
	802.11be EHT80 OFDMA, 484T+242T (C) Punctured 0x8	26.56	452.90
	802.11be EHT80 OFDMA, 484T+242T (C) High	29.08	809.10
	802.11be EHT80 OFDMA, 484T+242T (C) Punctured 0x1	24.73	297.17
	802.11be EHT80 OFDMA, 484T+242T (NC)	28.93	781.63
	802.11be EHT80 OFDMA, 242T+484T (NC)	29.06	805.38
	802.11be EHT80 OFDMA, 996T	28.79	756.83
	802.11be EHT160 OFDMA, 996T+484T (C) Low	28.41	693.43
	802.11be EHT160 OFDMA, 996T+484T (C) High	28.44	698.23
6665	802.11be EHT160 OFDMA, 996T+484T (NC)	28.39	690.24
	802.11be EHT160 OFDMA, 484T+996T (NC)	28.39	690.24
	802.11be EHT160 OFDMA, 242T+484T+996T(NC)	27.80	602.56
	802.11be EHT160 OFDMA, 484T+242T+996T(NC)	27.83	606.74
	802.11be EHT160 OFDMA, 484T+242T+996T(NC2)	27.78	599.79
	802.11be EHT160 OFDMA, 996T+484T+242T (C) Low	27.84	608.14
	802.11be EHT160 OFDMA, 996T+484T+242T (C) High	27.78	599.79
	802.11be EHT160 OFDMA, 996T+484T+242T (NC)	27.77	598.41
	802.11be EHT160 OFDMA, 996T+242T+484T (NC)	27.91	618.02
	802.11be EHT160 OFDMA, 996T+242T+484T (NC2)	27.76	597.04
	802.11be EHT160 OFDMA, 2x996T	28.35	683.91

Frequency Range (MHz)	Mode	e.i.r.p. (dBm)	e.i.r.p. (mW)
LPI			
6535-6855	802.11a	8.16	6.55
	802.11be EHT20 OFDMA, 26T	0.59	1.15
	802.11be EHT20 OFDMA, 52T	3.43	2.20
	802.11be EHT20 OFDMA, 52T+26T	3.31	2.14
	802.11be EHT20 OFDMA, 106T	5.81	3.81
	802.11be EHT20 OFDMA, 106T+26T	5.89	3.88
6565-6845	802.11be EHT20 OFDMA, 242T	7.74	5.94
6625-6785	802.11be EHT40 OFDMA, 484T	12.51	17.82
	802.11be EHT80 OFDMA, 484T+242T (C) Low	12.39	17.34
	802.11be EHT80 OFDMA, 484T+242T (C) Punctured 0x8	9.96	9.91
	802.11be EHT80 OFDMA, 484T+242T (C) High	12.37	17.26
	802.11be EHT80 OFDMA, 484T+242T (C) Punctured 0x1	9.95	9.89
	802.11be EHT80 OFDMA, 484T+242T (NC)	12.37	17.26
6665	802.11be EHT80 OFDMA, 242T+484T (NC)	12.40	17.38
	802.11be EHT80 OFDMA, 996T	14.50	28.18
	802.11be EHT160 OFDMA, 996T+484T (C) Low	14.60	28.84
	802.11be EHT160 OFDMA, 996T+484T (C) High	14.49	28.12
	802.11be EHT160 OFDMA, 996T+484T (NC)	14.59	28.77
	802.11be EHT160 OFDMA, 484T+996T (NC)	14.53	28.38
	802.11be EHT160 OFDMA, 242T+484T+996T(NC)	13.89	24.49
	802.11be EHT160 OFDMA, 484T+242T+996T(NC)	13.91	24.60
	802.11be EHT160 OFDMA, 484T+242T+996T(NC2)	13.90	24.55
	802.11be EHT160 OFDMA, 996T+484T+242T (C) Low	13.97	24.95
	802.11be EHT160 OFDMA, 996T+484T+242T (C) High	13.88	24.43
	802.11be EHT160 OFDMA, 996T+484T+242T (NC)	13.96	24.89
6665	802.11be EHT160 OFDMA, 996T+242T+484T (NC)	14.00	25.12
	802.11be EHT160 OFDMA, 996T+242T+484T (NC2)	13.96	24.89
6665	802.11be EHT160 OFDMA, 2x996T	17.38	54.70

U-NII 8 (6.875-7.125 GHz) BAND

Frequency Range (MHz)	Mode	e.i.r.p. (dBm)	e.i.r.p. (mW)
LPI			
6875-7115	802.11a	7.31	5.38
	802.11be EHT20 OFDMA, 26T	0.63	1.16
	802.11be EHT20 OFDMA, 52T	2.28	1.69
	802.11be EHT20 OFDMA, 52T+26T	2.26	1.68
	802.11be EHT20 OFDMA, 106T	4.60	2.88
	802.11be EHT20 OFDMA, 106T+26T	5.07	3.21
	802.11be EHT20 OFDMA, 242T	6.74	4.72
6885-7085	802.11be EHT40 OFDMA, 484T	11.26	13.37
6865-7025	802.11be EHT80 OFDMA, 484T+242T (C)	11.31	13.52
	802.11be EHT80 OFDMA, 484T+242T (NC)	11.19	13.15
	802.11be EHT80 OFDMA, 242T+484T (NC)	11.20	13.18
	802.11be EHT80 OFDMA, 996T	15.30	33.88
6825-6985	802.11be EHT160 OFDMA, 996T+484T (C)	15.48	35.32
	802.11be EHT160 OFDMA, 996T+484T (NC)	15.51	35.56
	802.11be EHT160 OFDMA, 484T+996T (NC)	15.46	35.16
	802.11be EHT160 OFDMA, 996T+484T+242T (C)	14.99	31.55
	802.11be EHT160 OFDMA, 996T+484T+242T (NC)	15.03	31.84
	802.11be EHT160 OFDMA, 996T+242T+484T (NC)	15.01	31.70
	802.11be EHT160 OFDMA, 996T+242T+484T (NC2)	15.02	31.77
	802.11be EHT160 OFDMA, 242T+484T+996T(NC)	14.96	31.33
	802.11be EHT160 OFDMA, 484T+242T+996T(NC)	14.96	31.33
	802.11be EHT160 OFDMA, 484T+242T+996T(NC2)	15.03	31.84
	802.11be EHT160 OFDMA, 2x996T	18.25	66.83
6745-6905	802.11be EHT320 OFDMA, 2x996T+484T (C)	18.36	68.55
	802.11be EHT320 OFDMA, 2x996T+484T (NC)	16.63	46.03
	802.11be EHT320 OFDMA, 484T+2x996T (NC)	18.37	68.71
	802.11be EHT320 OFDMA, 996T+484T+996T (NC)	18.31	67.76
	802.11be EHT320 OFDMA, 996T+484T+996T (NC2)	18.39	69.02
	802.11be EHT320 OFDMA, 3x996T(C)	18.18	65.77
	802.11be EHT320 OFDMA, 3x996T(NC)	18.18	65.77
	802.11be EHT320 OFDMA, 3x996T(NC2)	18.20	66.07
	802.11be EHT320 OFDMA, 3x996T+484T(C)	18.23	66.53
	802.11be EHT320 OFDMA, 3x996T+484T(NC)	18.29	67.45
	802.11be EHT320 OFDMA, 484T+3x996T(NC)	18.33	68.08
	802.11be EHT320 OFDMA, 996T+484T+2x996T (NC)	18.30	67.61
	802.11be EHT320 OFDMA, 996T+484T+2x996T (NC2)	18.26	66.99
	802.11be EHT320 OFDMA, 2x996T+484T+996T (NC)	18.27	67.14
	802.11be EHT320 OFDMA, 2x996T+484T+996T (NC2)	18.30	67.61
	802.11be EHT320 OFDMA, 4x996T	21.15	130.32

6.4. DESCRIPTION OF AVAILABLE ANTENNAS

The antenna(s) gain and type, as provided by the manufacturer' are as follows:

Frequency Range (MHz)	Maximum Gain Chain 0 (dBi)	Maximum Gain Chain 1 (dBi)	MIMO Uncorrelated Gain (dBi)	MIMO Correlated Gain (dBi)	Type
5925-7125 (low gain)	5.2	5.2	5.2	8.21	PIFA
5925-7125 (mid gain)	7.3	7.3	7.3	10.31	PIFA
5925-6525 UNII 5/6 (high gain)	8.6	8.6	8.6	11.61	PIFA
6525-7125 UNII 7/8 (high gain)	8.2	8.2	8.2	11.21	PIFA

Antenna gains for MIMO operations are calculated using the formulae from KDB 662911 D01 Multiple Transmitter Output v02r01 section F. As the two antennas have the same gain equations 2)a)(i) and 2)a)(ii) for correlated and uncorrelated transmissions respectively are used.

Correlated directional gain = $G_{ANT} + 10 \log(N_{ANT})$ dBi, where $N_{ANT} = 2$ for a 2x2 MIMO device

Uncorrelated directional gain = G_{ANT}

6.5. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was 10.0.22621.1.

The test utility software used during testing was Qualcomm Radio Control Toolkit Version 4.0.118.1.

6.6. WORST-CASE CONFIGURATION AND MODE

Radiated emissions below 1GHz and above 18GHz were performed with the EUT set to transmit at the channel with highest output power as worst-case scenario as no spurs seen on preliminary scans.

Radiated emissions between 1GHz and 18GHz were performed with the EUT set to transmit at the highest power on low and high channels on all modes for bandedge and low, middle and high channels on modes with worst-case power/PSD for harmonics and spurious.

The EUT was investigated in three orientations, the X-axis, the Y-axis and the Z-axis. The X-axis was found to be worst-case orientation. Therefore, all final radiated testing was performed with the EUT in the X-axis orientation.

All testing performed in 2Tx mode (NSS=1), where power per chain is equivalent to the 1Tx power on each chain. Based on preliminary testing, this allows 2Tx testing to cover all 1Tx testing.

Worst-case data rates as provided by the client were:

802.11a mode: 6 Mbps

802.11be EHT20mode: MCS0 (Nss = 1)

802.11be EHT40mode: MCS0 (Nss = 1)

802.11be EHT80mode: MCS0 (Nss = 1)

802.11be EHT160mode: MCS0 (Nss = 1)

802.11be EHT320mode: MCS0 (Nss = 1)

Based on power settings, 802.11be modes were determined by the following:

- 802.11be EHT20 26T, 52T, 106T, and 242T modes tested.
- 802.11be EHT40 484T mode tested. 26T, 52T, 106T, and 242T modes are covered by the EHT 20MHz modes.
- 802.11be EHT80 996T mode tested. 26T, 52T, 106T, 242T, and 484T modes are covered by the EHT20 EHT40 modes.

- 802.11be EHT160 2x996T mode tested. 26T, 52T, 106T, 242T, 484T, and 996T modes are covered by the EHT 20MHz, 40MHz, and 80MHz modes.
- 802.11be EHT320 4x996T mode tested. 26T, 52T, 106T, 242T, 484T, 996T and 2x996T modes are covered by the EHT 20MHz, 40MHz, 80MHz and 160MHz modes.

Preliminary Investigation scans were completed to compare Full RU Tone modes and Single User Tone modes. It was found that Full RU Tone modes were worst case over Single User in every instance. Therefore, only full tone was testing as it is representative of SU worst case

Except for power, PSD, and Emission Mask, Bands UNII 5 and 7 were tested in standard power mode and UNII 6 and 8 were tested in Low Power Indoor mode.

For power/PSD, the MRU configuration is worst-case over Puncture configuration so only the MRU data is reported.

PSD performed on all modes for LPI, however, for SP only 20MHz bandwidth modes performed to cover 40MHz, 80MHz, and 160MHz bandwidths. This is based on 20MHz power measurements being equivalent or higher than the higher bandwidths.

In case of In-band emission mask, UNII-5/7, preliminary testing determined that worst case was the standard power, test was performed on standard power modes.

Conducted output power, PSD, and restricted bandedge testing run using low, mid, and high gains. Emission mask run using low and high gains with all other testing run using low gain as these result in worst-case scenarios based on conducted output power.

Radiated testing run using low gain power settings with high gain antenna.

UNII 6 SP will be covered by UNII5/7. Treating UNII 5/6/7 as one band. Low/High UNII5 and High UNII7 as low/mid/high for band in SP mode.

6.7. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
NUC	Intel	NUC13ANH	BTAN322009FE	N/A
NUC	Intel	NUC13ANH	BTAN325006VF	N/A
NUC	Intel	NUC13ANH	BTAN331003QS	N/A
NUC	Intel	NUC13ANH	BTAN331002VK	N/A
Intel NUC Charger	Chicony Power Technology	A17-120P2A	0432-05LT1002333012523	N/A
Intel NUC Charger	Chicony Power Technology	A17-120P2A	0432-05LT1002333012523	N/A
Intel NUC Charger	Chicony Power Technology	A17-120P2A	0432-05LT1002333012752	N/A

I/O CABLES

I/O Cable List						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	PCI-E	1	PCI-E	Unshielded	<3	Connects EUT to NUC
2	DC Mains	1	Barrel	Unshielded	<3	Connects NUC to DC Adaptor

SETUP DIAGRAM

Please refer to R15374786-EP2 for setup diagrams

7. MEASUREMENT METHOD

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

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

99% BW: KDB 789033 D02 v02r01, Section D

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

Power Spectral Density (PSD): KDB 789033 D02 v02r01, Section F

Spurious emissions within 5.925-7.125 GHz Band (Emissions Mask): KDB 987594 D02 EMC Measurement Section II-J

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

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

AC Power Line Conducted Emissions: ANSI C63.10-2020, Section 6.2.

Radiated Spurious Emissions Below 30MHz: ANSI C63.10-2020 Section 6.4

8. TEST AND MEASUREMENT EQUIPMENT

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

Note: All equipment within calibration at time of use.

Test Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 1)

Equipment ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
0.009-30MHz					
65682	Active Loop Antenna	ETS-Lindgren	6502	2023-10-03	2024-10-31
30-1000 MHz					
90629	Hybrid Broadband Antenna	Sunol Sciences Corp.	JB3	2024-01-30	2026-01-30
1-18 GHz					
135143	Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz	ETS Lindgren	3117	2024-02-07	2026-02-07
18-40 GHz					
204704	Horn Antenna, 18-26.5GHz	Com-Power	AH-826	2023-07-20	2025-07-20
204705	Horn Antenna, 26-40GHz	Com-Power	AH-640	2023-07-20	2025-07-20
Gain-Loss Chains					
91974	Gain-loss string: 0.009-30MHz	Various	Various	2024-05-08	2025-05-08
91976	Gain-loss string: 25-1000MHz	Various	Various	2024-05-08	2025-05-08
91979	Gain-loss string: 1-18GHz	Various	Various	2024-05-08	2025-05-08
135999	Gain-loss string: 18-40GHz	Various	Various	2024-05-08	2025-05-08
Receiver & Software					
197954	Spectrum Analyzer	Rohde & Schwarz	ESW44	2024-03-05	2025-03-05
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		
Additional Equipment used					
241205	Environmental Meter	Fisher Scientific	15-077-963	2023-09-05	2025-09-05
216159 (HPF019)	7GHz high-pass filter, 2W, Fhigh =18GHz	Micro-Tronics	HPM50107	2024-03-01	2025-03-01

Test Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 4)

Equipment ID	Description	Manufacturer/Brand	Model Number	Last Cal.	Next Cal.
1-18 GHz					
89509	Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz	ETS Lindgren	3117	2023-05-23	2025-05-23
Gain-Loss Chains					
207640	Gain-loss string: 1-18GHz	Various	Various	2024-05-22	2025-05-22
Receiver & Software					
197955	Spectrum Analyzer	Rohde & Schwarz	ESW44	2024-04-16	2025-04-16
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		
Additional Equipment used					
241204	Environmental Meter	Fisher Scientific	15-077-963	2023-09-05	2025-09-05
216159 (HPF019)	7GHz high-pass filter, 2W, Fhigh =18GHz	Micro-Tronics	HPM50107	2024-03-01	2025-03-01

Test Equipment Used - Wireless Conducted Measurement Equipment

Equipment ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
90416	Spectrum Analyzer	Keysight Technologies	N9030A	2024-09-23	2025-09-23
90411	Spectrum Analyzer	Keysight Technologies	N9030A	2024-08-01	2025-08-01
179892	Environmental Meter	Fisher Scientific	15-077-963	2024-07-26	2025-07-31
SOFTEMI	Antenna Port Software	UL	Version 2022.8.16	NA	NA
Power Software	Boonton Power Analyzer	Boonton	Version 3.0.13.0	NA	NA
90410	Spectrum Analyzer	Keysight Technologies	N9030A	2024-06-14	2025-06-14
214284	Spectrum Analyzer	Rohde & Schwarz	FSW	2024-02-04	2025-02-04
206459	Spectrum Analyzer	Rohde & Schwarz	FSW	2023-11-15	2024-11-15
76023	Temp/Humid Chamber	Cincinnati Sub-Zero	ZPH-8-3.5-SCT/AC	2024-01-12	2025-01-12
248881	Environmental Meter	Control Company	06-662-4	2024-04-10	2026-04-10
SOFTEMI	Antenna Port Software	UL	Version 2022.8.16	NA	NA
Power Software	Boonton Power Analyzer	Boonton	Version 3.0.13.0	NA	NA
211056	Real-Time Peak Power Sensor 50MHz to 8GHz	Boonton	RTP5000	2024-08-01	2025-08-01
211055	Real-Time Peak Power Sensor 50MHz to 8GHz	Boonton	RTP5000	2024-07-31	2025-07-31
250458	Average Power Sensor, 10MHz to 18GHz	Boonton	RTP4018-S/1	2024-06-27	2025-06-27

Equipment ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
250459	Average Power Sensor, 10MHz to 18GHz	Boonton	RTP4018-S/1	2024-06-27	2025-06-27
250460	Average Power Sensor, 10MHz to 18GHz	Boonton	RTP4018-S/1	2024-06-27	2025-06-27
250462	Average Power Sensor, 10MHz to 18GHz	Boonton	RTP4018-S/1	2024-06-27	2025-06-27
245262	Conducted Switch Box	UL	CSB	2024-02-20	2025-02-20
226559	SMA Coaxial 10dB Attenuator 25MHz-18GHz	CentricRF	C18S2-10	2024-02-29	2025-02-28
226561	SMA Coaxial 10dB Attenuator 25MHz-18GHz	CentricRF	C18S2-10	2024-02-29	2025-02-28
226562	SMA Coaxial 10dB Attenuator 25MHz-18GHz	CentricRF	C18S2-10	2024-04-11	2025-04-11
226563	SMA Coaxial 10dB Attenuator 25MHz-18GHz	CentricRF	C18S2-10	2024-02-29	2025-02-28
CBL091	Micro-Coax UTiFLEX Cable Assembly, Low Loss,40Ghz	Carlisle Interconnect Technologies	UFA147A-2-0360-200200	2024-03-01	2025-03-01
CBL092	Micro-Coax UTiFLEX Cable Assembly, Low Loss,40Ghz	Carlisle Interconnect Technologies	UFA147A-2-0360-200200	2024-03-01	2025-03-01
CBL093	Micro-Coax UTiFLEX Cable Assembly, Low Loss,40Ghz	Carlisle Interconnect Technologies	UFA147A-2-0360-200200	2024-03-01	2025-03-01

Note: All equipment within calibration at time of use.

9. ANTENNA PORT TEST RESULTS

9.1. ON TIME AND DUTY CYCLE

LIMITS

None; for reporting purposes only.

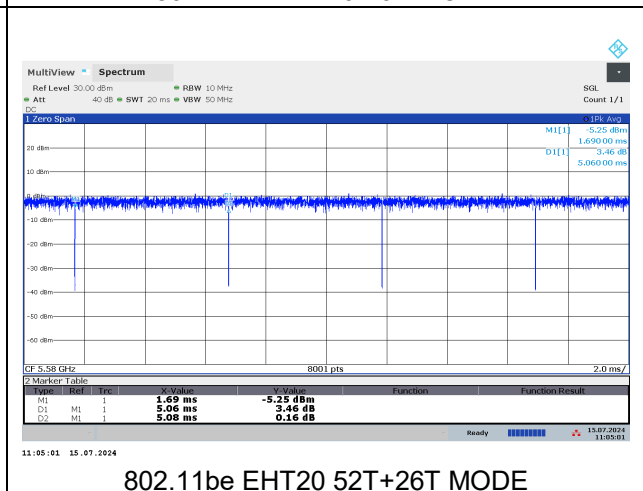
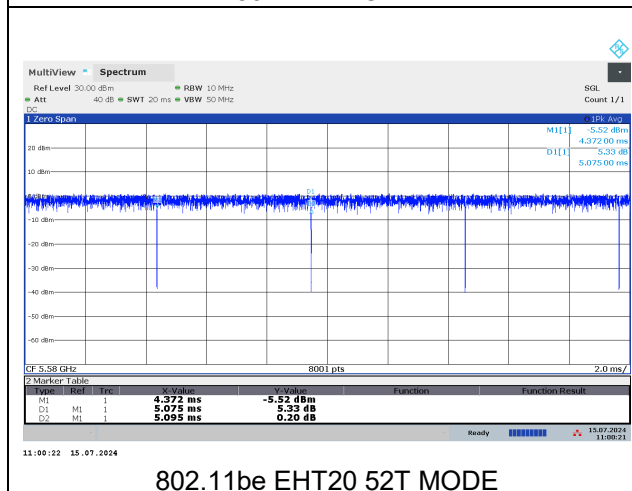
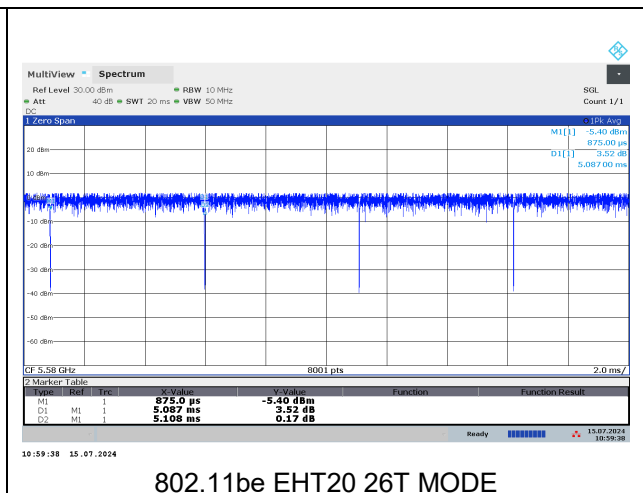
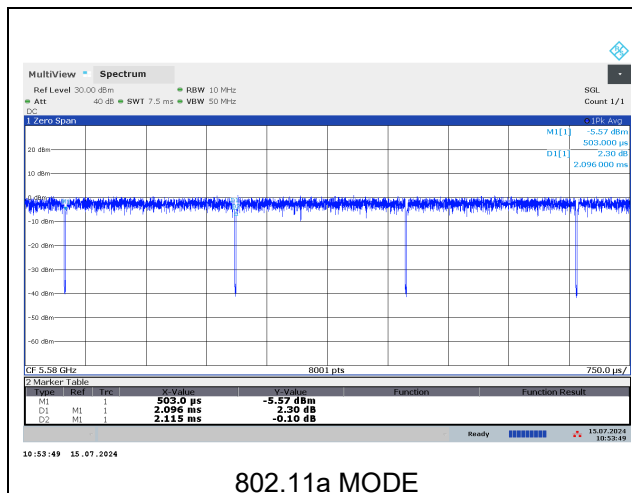
TEST PROCEDURE

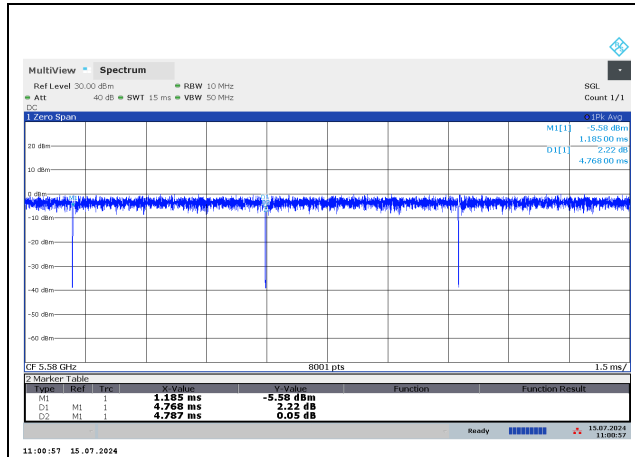
KDB 789033 Zero-Span Spectrum Analyzer Method.

RESULTS

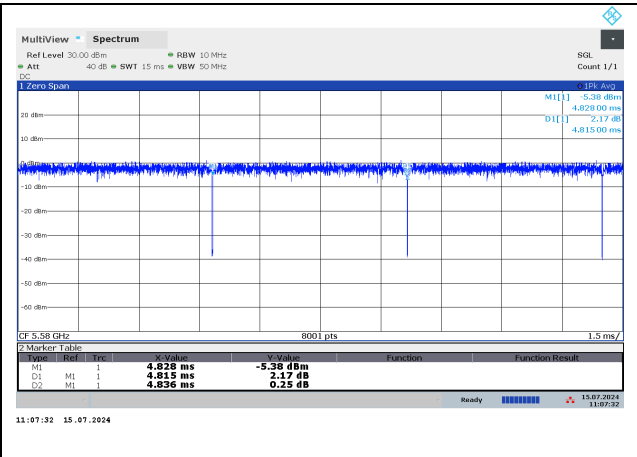
Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Voltage AV Duty Cycle Correction Factor (dB)	RMS AV Duty Cycle Correction Factor (dB)
802.11a CDD	2.096	2.115	0.991	99.10	0.00	0.00
802.11be EHT20 26T	5.087	5.108	0.996	99.59	0.00	0.00
802.11be EHT20 52T	5.075	5.095	0.996	99.61	0.00	0.00
802.11be EHT20 52T+26T	5.06	5.08	0.996	99.61	0.00	0.00
802.11be EHT20 106T	4.768	4.787	0.996	99.60	0.00	0.00
802.11be EHT20 106T+26T	4.815	4.836	0.996	99.57	0.00	0.00
802.11be EHT20 242T	4.667	4.685	0.996	99.62	0.00	0.00
802.11be EHT40 484T	1.261	1.279	0.986	98.59	0.00	0.00
802.11be EHT80 484T+242T (C)	1.235	1.254	0.985	98.48	0.00	0.00
802.11be EHT80 242T+484T (N)	1.235	1.254	0.985	98.48	0.00	0.00
802.11be EHT80 484T+242T (N)	1.235	1.254	0.985	98.48	0.00	0.00
802.11be EHT80 996T	0.907	0.926	0.979	97.95	0.18	0.09
802.11be EHT160 996T+484T (C)	0.927	0.946	0.980	97.99	0.18	0.09
802.11be EHT160 484T+996T (N)	0.927	0.946	0.980	97.99	0.18	0.09
802.11be EHT160 996T+484T (N)	0.927	0.946	0.980	97.99	0.18	0.09
802.11be EHT160 996T+484T+242T (C)	4.541	4.561	0.996	99.56	0.00	0.00
802.11be EHT160 242T+484T+996T (N)	4.541	4.561	0.996	99.56	0.00	0.00
802.11be EHT160 484T+242T+996T (N)	4.541	4.561	0.996	99.56	0.00	0.00
802.11be EHT160 484T+242T+996T (N2)	4.541	4.561	0.996	99.56	0.00	0.00
802.11be EHT160 996T+242T+484T (N)	4.541	4.561	0.996	99.56	0.00	0.00
802.11be EHT160 996T+242T+484T (N2)	4.541	4.561	0.996	99.56	0.00	0.00
802.11be EHT160 996T+484T+242T (N)	4.541	4.561	0.996	99.56	0.00	0.00
802.11be EHT160 2*996T	1.244	1.262	0.986	98.57	0.00	0.00

Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Voltage AV Duty Cycle Correction Factor (dB)	RMS AV Duty Cycle Correction Factor (dB)
802.11be EHT320 2*996T+484T (C)	0.577	0.597	0.968	96.78	0.28	0.14
802.11be EHT320 2*996T+484T (N)	0.577	0.597	0.968	96.78	0.28	0.14
802.11be EHT320 484T+2*996T (N)	0.577	0.597	0.968	96.78	0.28	0.14
802.11be EHT320 996T+484T+996T (N)	0.578	0.596	0.969	96.93	0.27	0.14
802.11be EHT320 996T+484T+996T (N2)	0.578	0.596	0.969	96.93	0.27	0.14
802.11be EHT320 3*996T (C)	0.488	0.506	0.964	96.44	0.31	0.16
802.11be EHT320 3*996T (N)	0.488	0.506	0.964	96.44	0.31	0.16
802.11be EHT320 3*996T (N2)	0.488	0.506	0.964	96.44	0.31	0.16
802.11be EHT320 3*996T+484T (C)	0.429	0.449	0.957	95.65	0.39	0.19
802.11be EHT320 3*996T+484T (N)	0.429	0.449	0.957	95.65	0.39	0.19
802.11be EHT320 484T+3*996T (N)	0.429	0.449	0.957	95.65	0.39	0.19
802.11be EHT320 996T+484T+2*996T (N)	0.430	0.449	0.958	95.82	0.37	0.19
802.11be EHT320 996T+484T+2*996T (N2)	0.430	0.449	0.958	95.82	0.37	0.19
802.11be EHT320 2*996T+484T+996T (N)	0.430	0.449	0.958	95.82	0.37	0.19
802.11be EHT320 2*996T+484T+996T (N2)	0.430	0.449	0.958	95.82	0.37	0.19
802.11be EHT320 4*996T	5.455	5.505	0.991	99.09	0.00	0.00

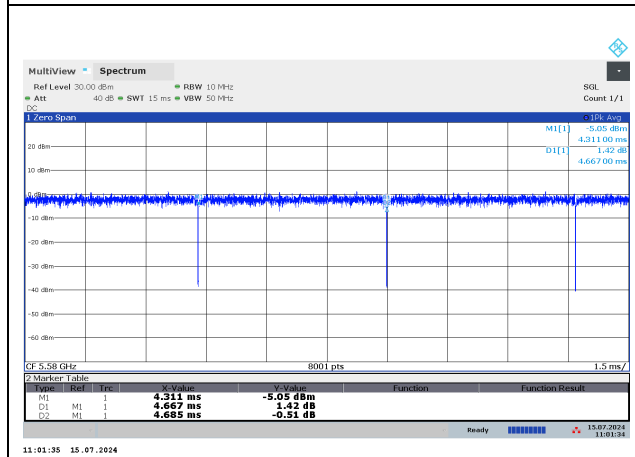




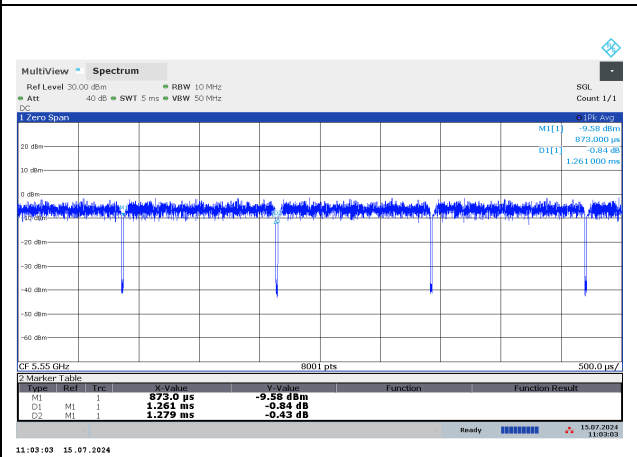
802.11be EHT20 106T MODE



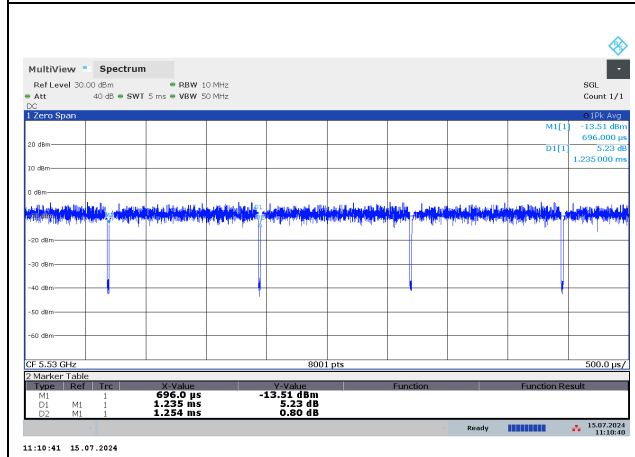
802.11be EHT20 106T+26T MODE



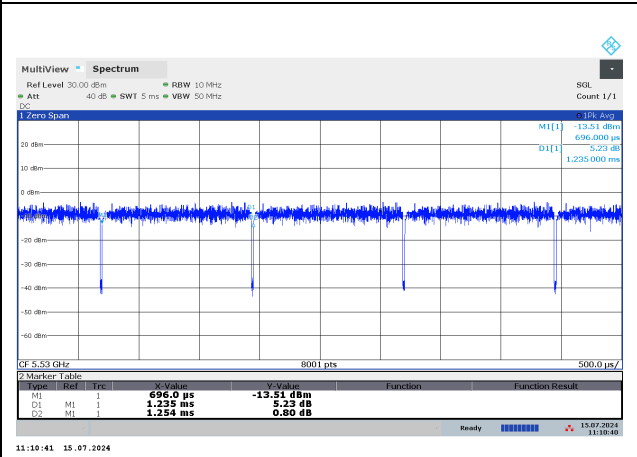
802.11be EHT20 242T MODE



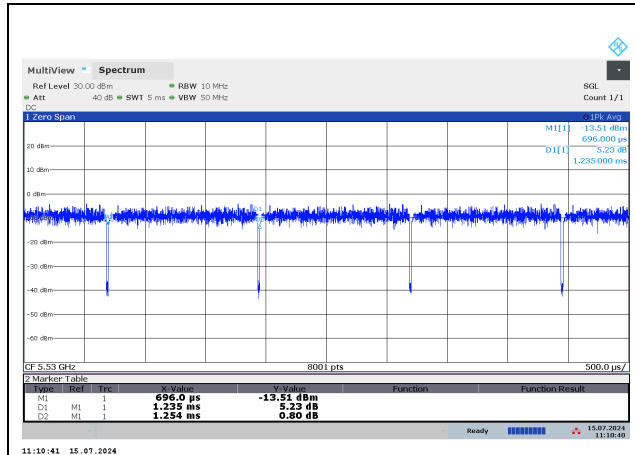
802.11be EHT40 484T MODE



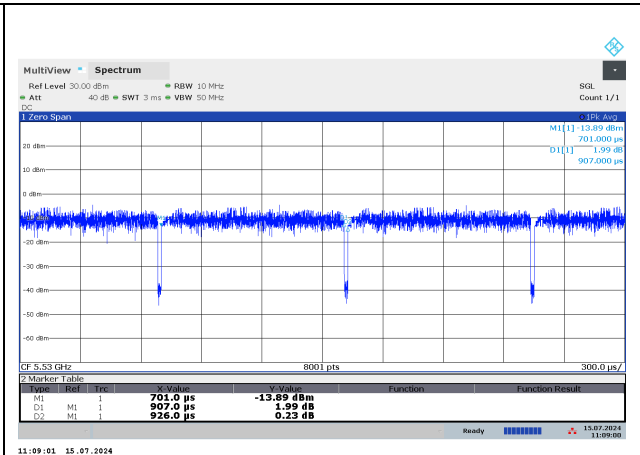
802.11be EHT80 484T+242T (C) MODE



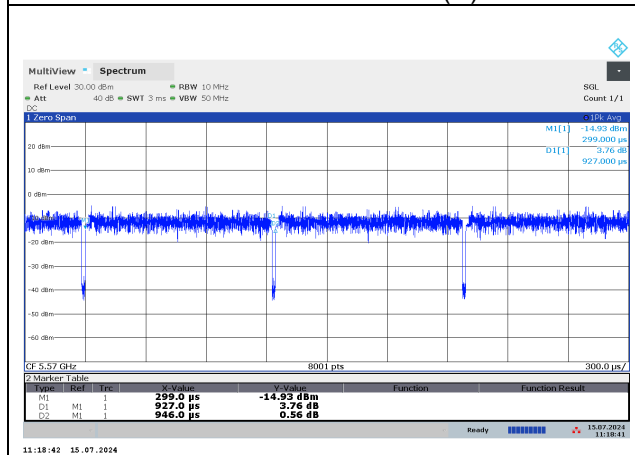
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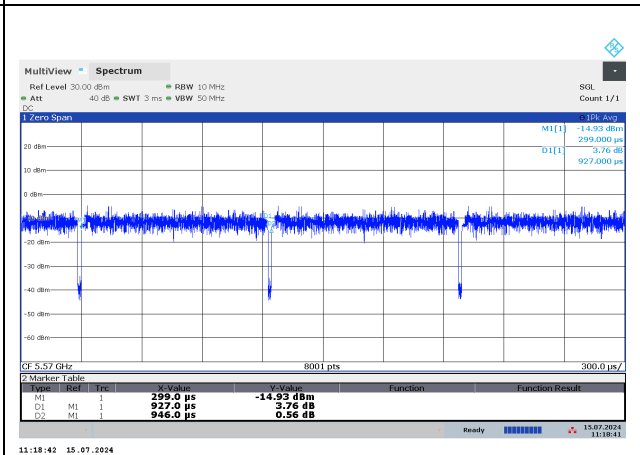
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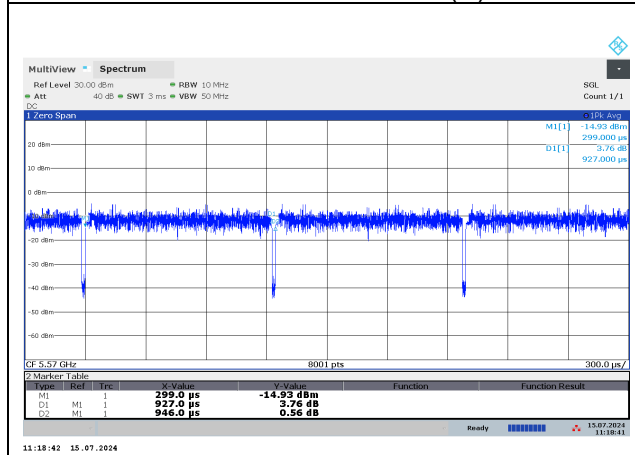
802.11be EHT80 996T MODE



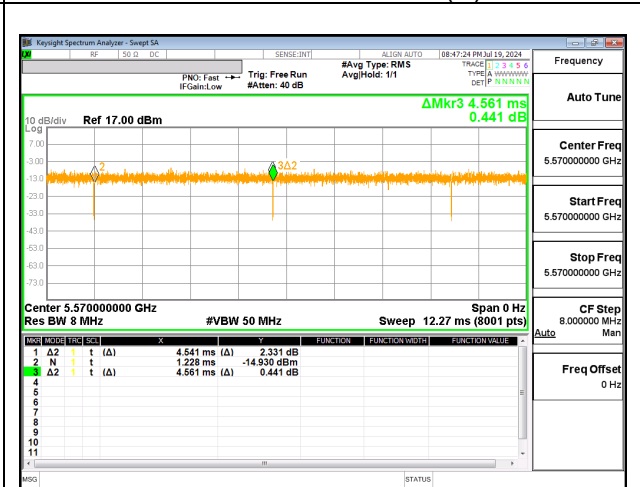
802.11be EHT160 996T+484T (C) MODE



802.11be EHT160 484T+996T (N) MODE

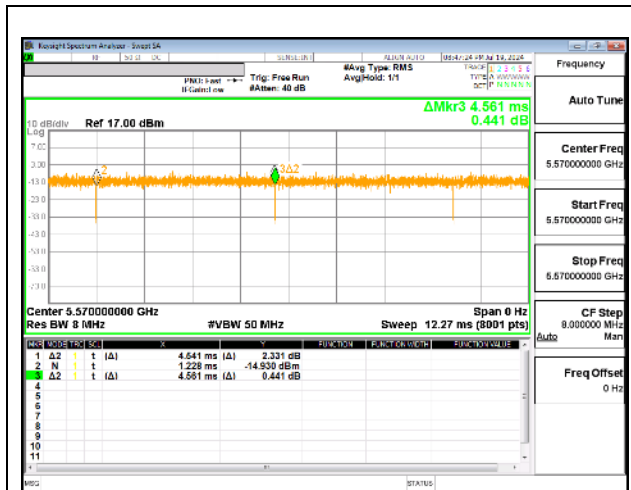


802.11be EHT160 996T+484T (N) MODE

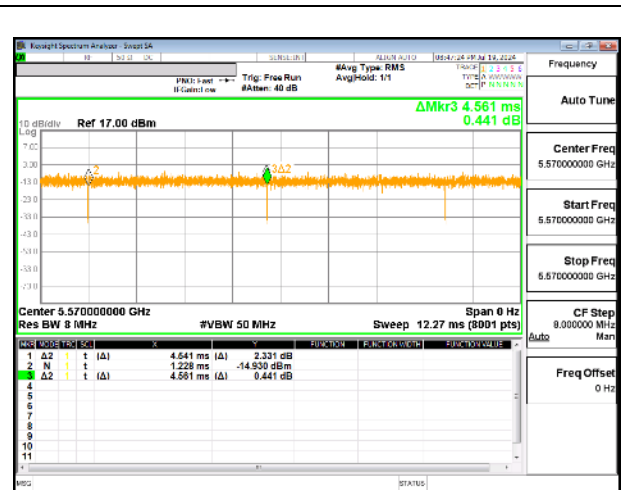


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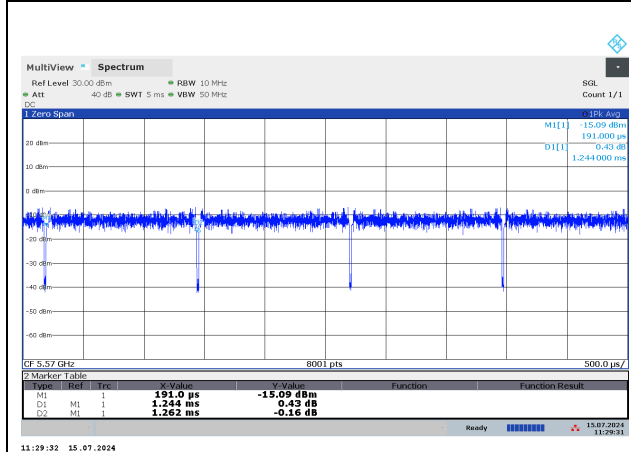




802.11be EHT160 996T+242T+484T (N2) MODE



802.11be EHT160 996T+484T+242T (N) MODE



802.11be EHT160 2*996T (N) MODE

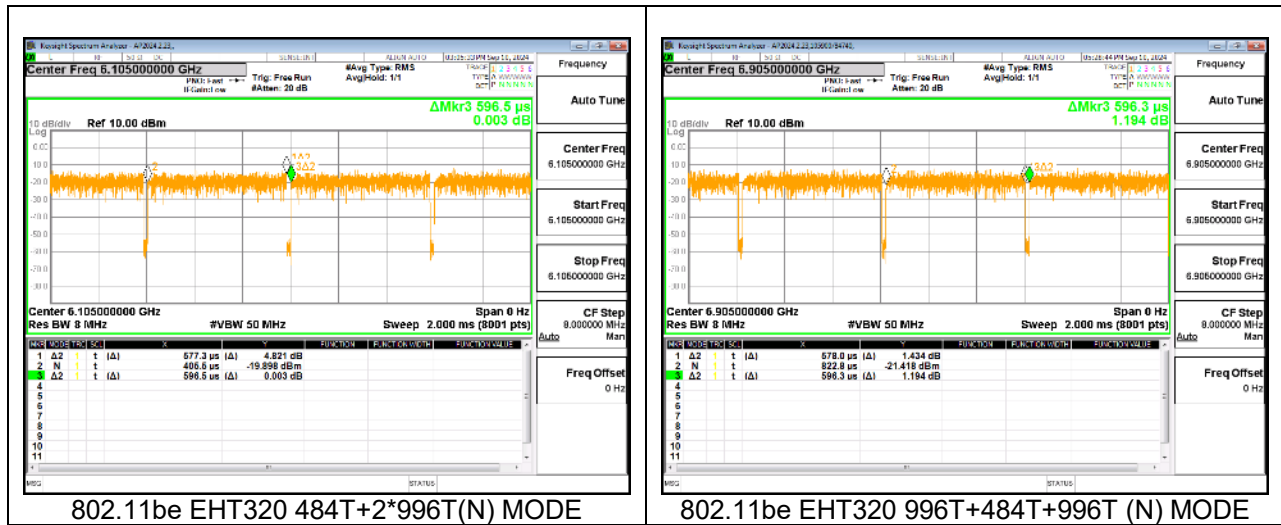
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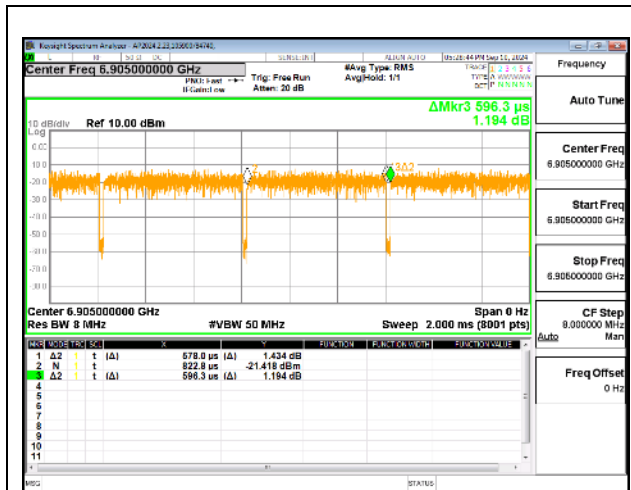


802.11be EHT320 2*996T+484T (C) MODE



802.11be EHT320 2*996T+484T (N) MODE

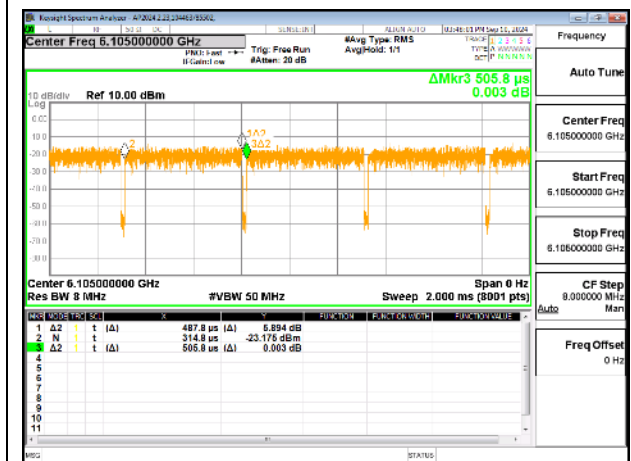




802.11be EHT320 996T+484T+996T (N2) MODE



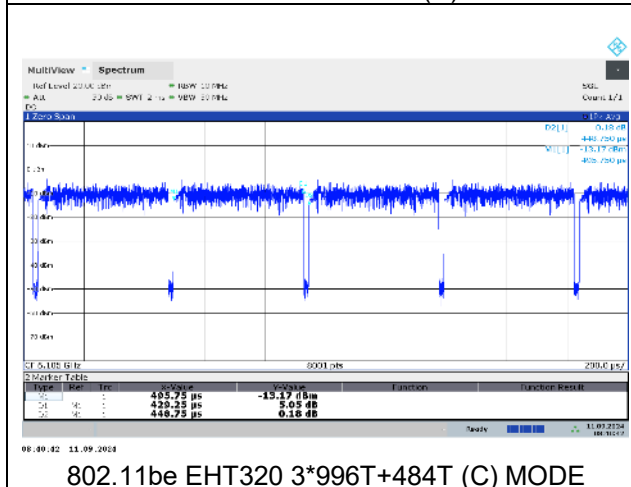
802.11be EHT320 3*996T (C) MODE



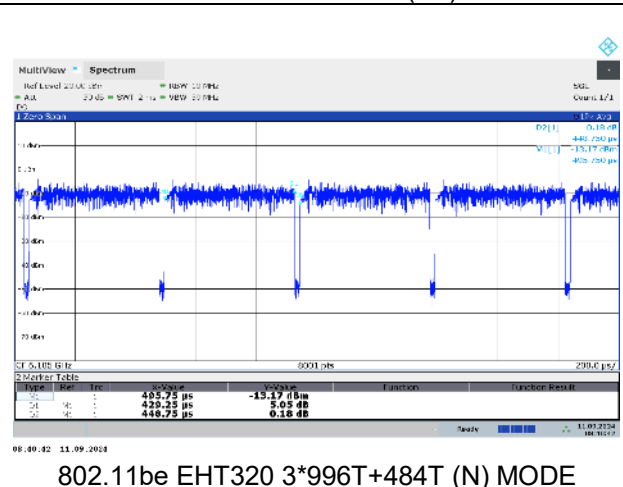
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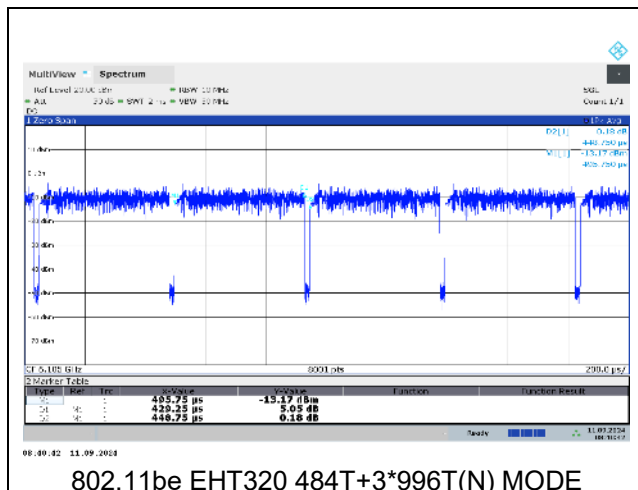
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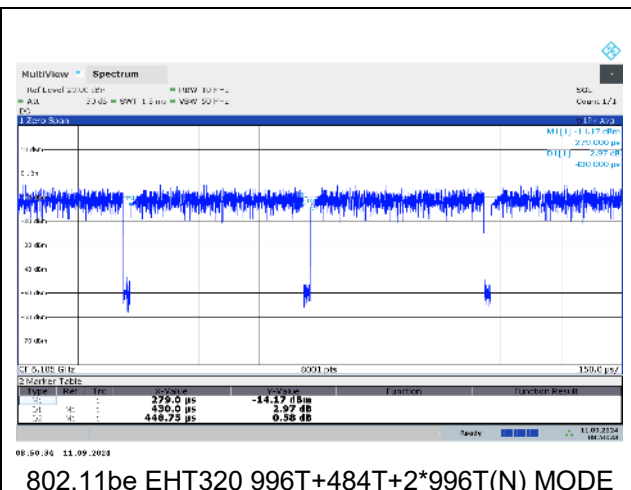
802.11be EHT320 3*996T+484T (C) MODE



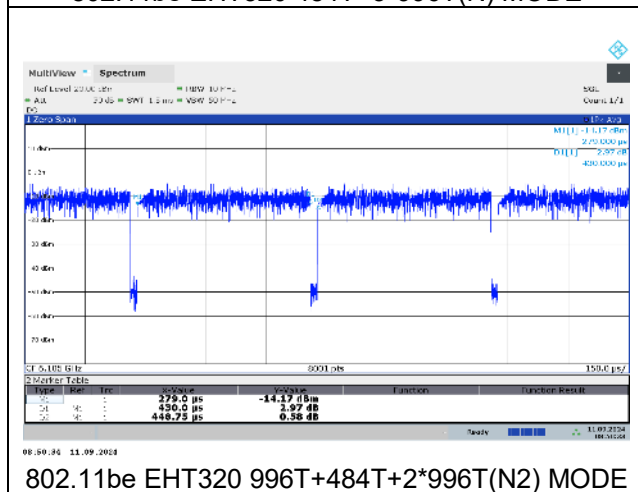
802.11be EHT320 3*996T+484T (N) MODE



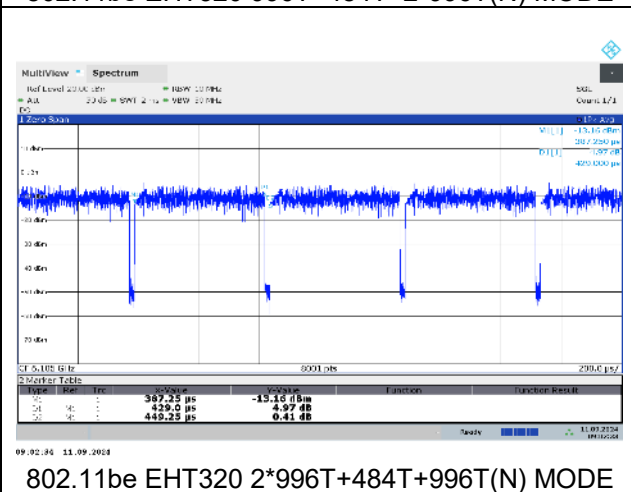
802.11be EHT320 484T+3*996T(N) MODE



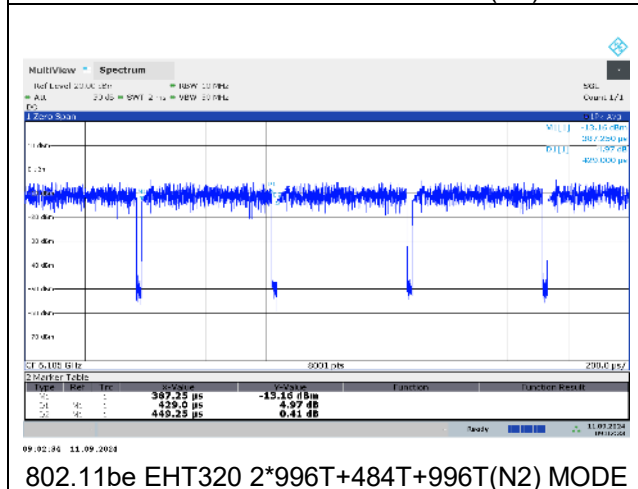
802.11be EHT320 996T+484T+2*996T(N) MODE



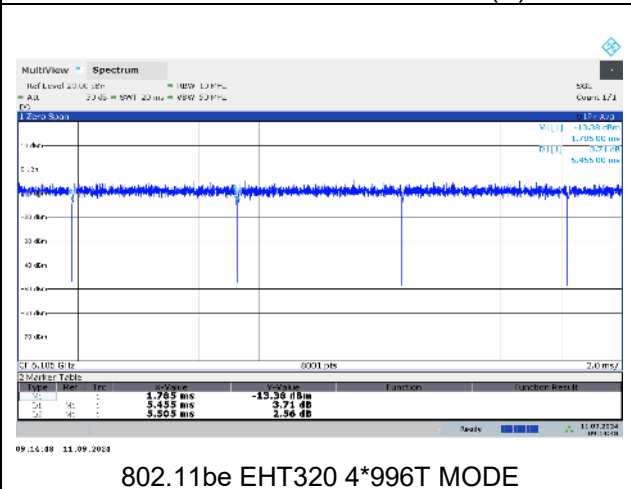
802.11be EHT320 996T+484T+2*996T(N2) MODE



802.11be EHT320 2*996T+484T+996T(N) MODE



802.11be EHT320 2*996T+484T+996T(N2) MODE



802.11be EHT320 4*996T MODE

9.2. OUTPUT POWER AND PSD

LIMITS

FCC §15.407 (7) (8)
RSS-248 4.5.3 and 4.5.5

Band 5.925-7.125 GHz

(7) 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.

(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 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

4.5.3 Power limits for low-power client devices

The following limits shall apply to low-power client devices:

- the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz and
- the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm

4.5.5 Power limits for standard client devices

The following limits shall apply to standard client devices:

- the maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz
- the maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 30 dBm and
- the maximum power limits shall remain at least 6 dB below the power levels authorized for the associated standard-power access point

TEST PROCEDURE

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.3.b (Method PM-G).

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section F

The power output was measured on the EUT antenna port using SMA cable with 10dB attenuator connected to a power meter via wideband average power sensor. Gated average output power was read directly from power meter. For PSD, EUT was connected to a spectrum analyzer for measurement.

DIRECTIONAL ANTENNA GAIN

Since $NSS=1$ and $N_{ant} < 4$, Tx chains are uncorrelated for power and correlated for PSD.
The directional gains are as follows:

Frequency Range (MHz)	Maximum Gain Chain 0 (dBi)	Maximum Gain Chain 1 (dBi)	MIMO Uncorrelated Gain (dBi)	MIMO Correlated Gain (dBi)
5925-7125 (low gain)	5.2	5.2	5.2	8.21
5925-7125 (mid gain)	7.3	7.3	7.3	10.31
5925-6525 UNII 5/6 (high gain)	8.6	8.6	8.6	11.61
6525-7125 UNII 7/8 (high gain)	8.2	8.2	8.2	11.21

Antenna gains for MIMO operations are calculated using the formulae from KDB 662911 D01 Multiple Transmitter Output v02r01 section F. As the two antennas have the same gain equations 2)a)(i) and 2)a)(ii) for correlated and uncorrelated transmissions respectively are used.

Correlated directional gain = $G_{ANT} + 10 \log(N_{ANT})$ dBi, where $N_{ANT} = 2$ for a 2x2 MIMO device

Uncorrelated directional gain = G_{ANT}

Note: for channels occupying 2 bands, worst-case gain was used.

9.2.1. 802.11a MODE 2TX IN THE UNII-5 BAND (LOW GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE – STANDARD POWER

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-19

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	30.00	17.00
Mid	6175	5.20	8.21	30.00	17.00
High	6415	5.20	8.21	30.00	17.00

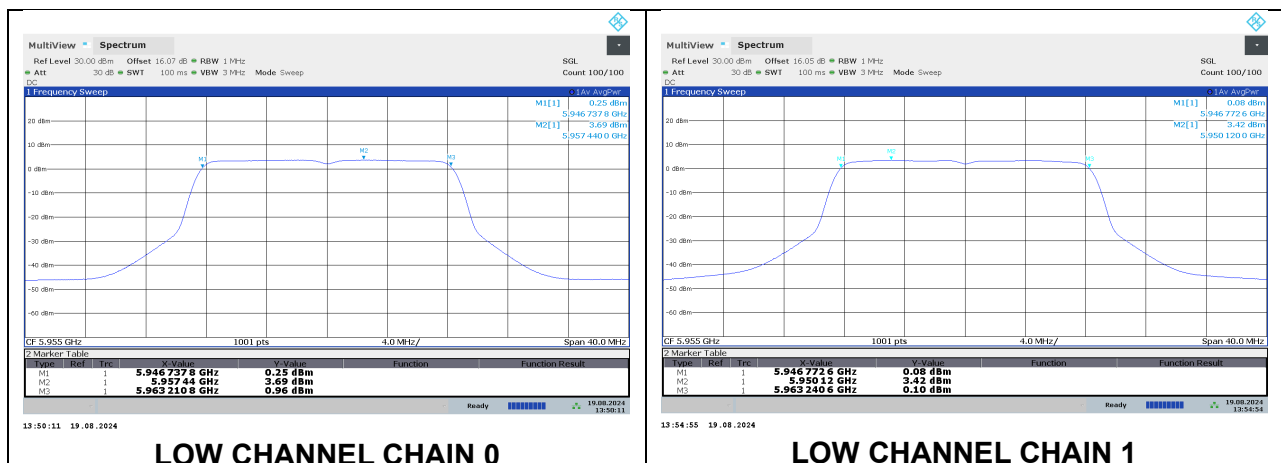
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	16.78	16.74	24.97	30.00	-5.03
Mid	6175	16.74	16.33	24.75	30.00	-5.25
High	6415	16.59	16.59	24.80	30.00	-5.20

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	3.69	3.42	14.78	17.00	-2.22
Mid	6175	3.64	3.41	14.75	17.00	-2.25
High	6415	3.46	3.13	14.52	17.00	-2.48



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE – LOW POWER INDOOR

Test Engineer:	85502, 33499/84740
Test Date:	2024/08/20

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	24.00	-1.00
Mid	6175	5.20	8.21	24.00	-1.00
High	6415	5.20	8.21	24.00	-1.00

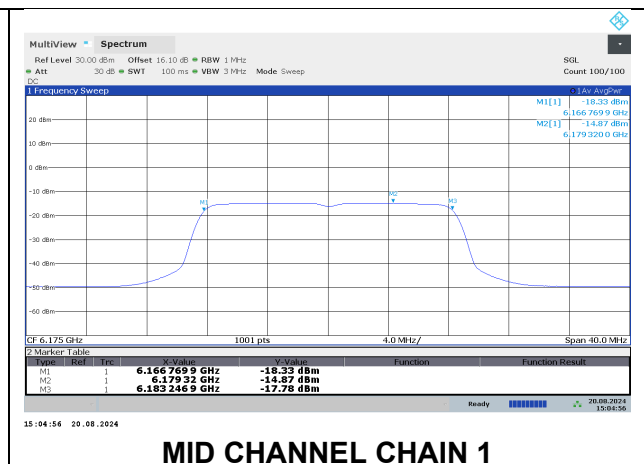
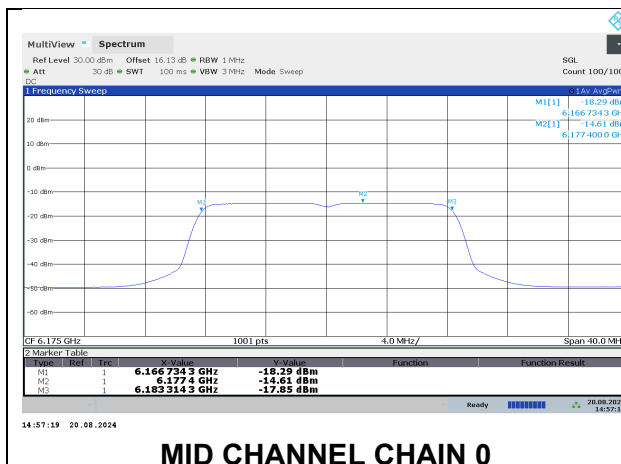
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-0.88	-1.80	6.89	24.00	-17.11
Mid	6175	-0.62	-1.91	6.99	24.00	-17.01
High	6415	-0.60	-1.12	7.36	24.00	-16.64

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-15.02	-15.39	-3.98	-1.00	-2.98
Mid	6175	-14.61	-14.87	-3.52	-1.00	-2.52
High	6415	-15.22	-14.96	-3.87	-1.00	-2.87



9.2.2. 802.11be EHT20 MODE 2TX IN THE UNII-5 BAND (LOW GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T – STANDARD POWER

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-19

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	30.00	17.00
Mid	6175	5.20	8.21	30.00	17.00
High	6415	5.20	8.21	30.00	17.00

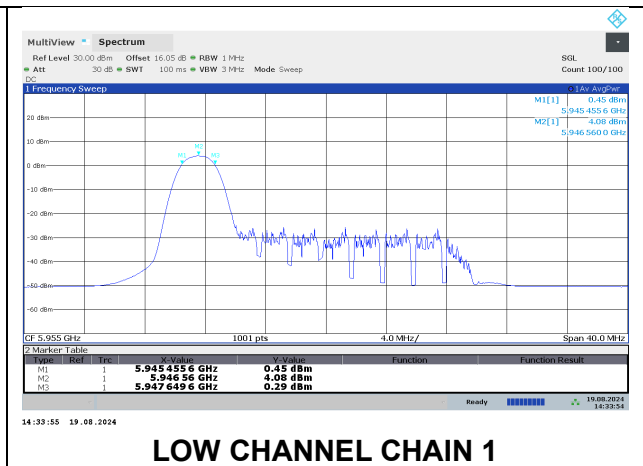
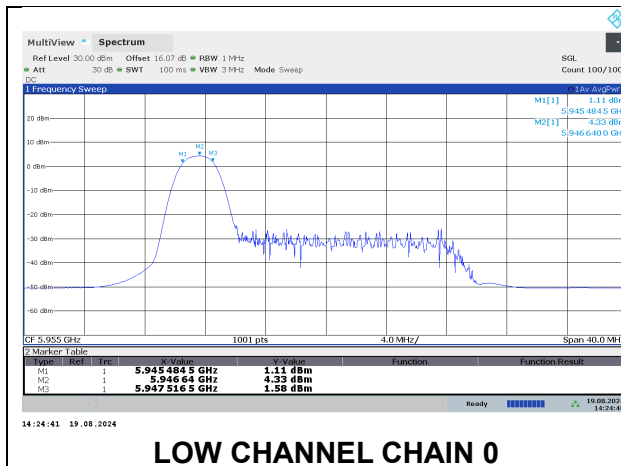
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	8.64	8.50	16.78	30.00	-13.22
Mid	6175	8.84	8.41	16.84	30.00	-13.16
High	6415	8.53	8.20	16.58	30.00	-13.42

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	4.33	4.08	15.43	17.00	-1.57
Mid	6175	3.71	3.80	14.98	17.00	-2.02
High	6415	4.30	3.44	15.11	17.00	-1.89



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T – LOW POWER INDOOR

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-20

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	24.00	-1.00
Mid	6175	5.20	8.21	24.00	-1.00
High	6415	5.20	8.21	24.00	-1.00

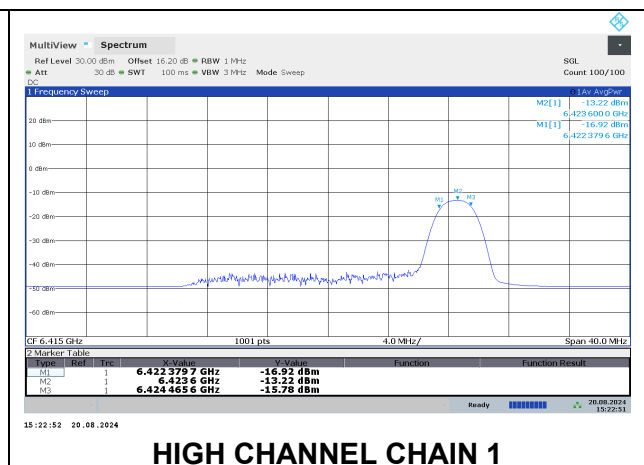
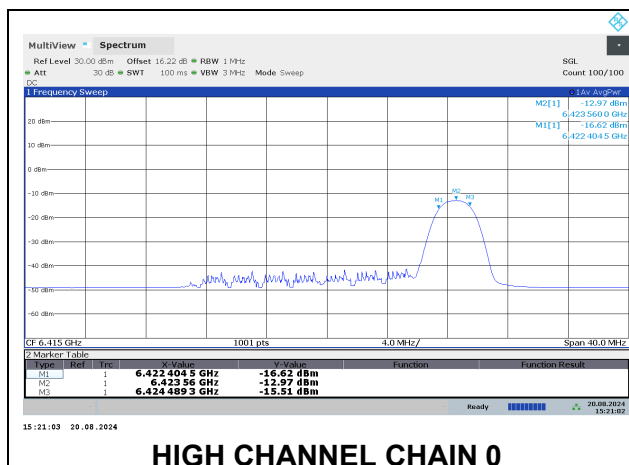
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-8.52	-9.67	-0.85	24.00	-24.85
Mid	6175	-8.75	-9.75	-1.01	24.00	-25.01
High	6415	-8.64	-9.43	-0.81	24.00	-24.81

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-14.02	-14.41	-2.99	-1.00	-1.99
Mid	6175	-15.15	-15.04	-3.87	-1.00	-2.87
High	6415	-12.97	-13.22	-1.87	-1.00	-0.87



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T – STANDARD POWER

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-20

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	30.00	17.00
Mid	6175	5.20	8.21	30.00	17.00
High	6415	5.20	8.21	30.00	17.00

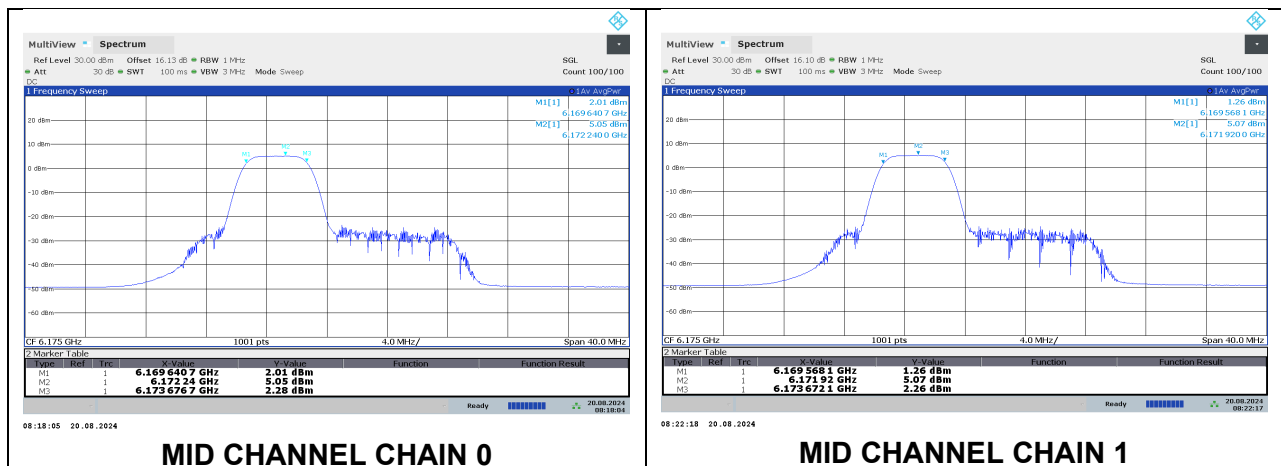
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	11.91	11.94	20.14	30.00	-9.86
Mid	6175	11.58	11.56	19.78	30.00	-10.22
High	6415	11.75	11.48	19.83	30.00	-10.17

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	4.84	4.62	15.95	17.00	-1.05
Mid	6175	5.05	5.07	16.28	17.00	-0.72
High	6415	4.53	3.89	15.44	17.00	-1.56



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T – LOW POWER INDOOR

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-20

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	24.00	-1.00
Mid	6175	5.20	8.21	24.00	-1.00
High	6415	5.20	8.21	24.00	-1.00

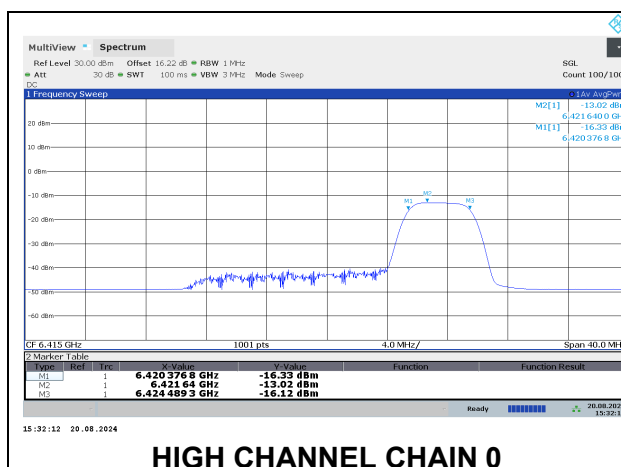
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

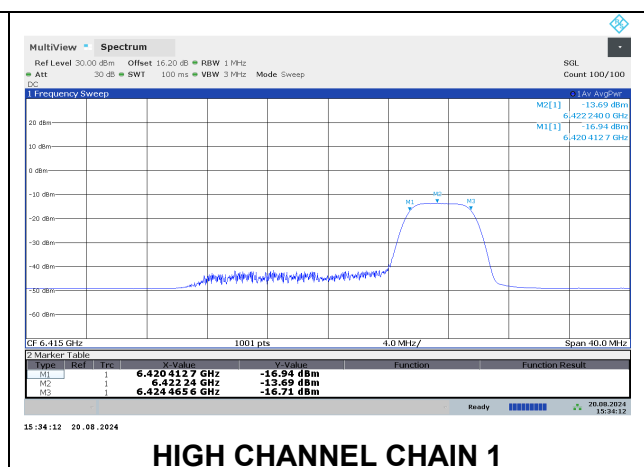
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-5.83	-6.94	1.86	24.00	-22.14
Mid	6175	-5.64	-6.82	2.02	24.00	-21.98
High	6415	-5.71	-6.71	2.03	24.00	-21.97

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-14.06	-14.38	-3.00	-1.00	-2.00
Mid	6175	-13.43	-13.67	-2.33	-1.00	-1.33
High	6415	-13.02	-13.69	-2.12	-1.00	-1.12



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T+26T – STANDARD POWER

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	30.00	17.00
Mid	6175	5.20	8.21	30.00	17.00
High	6415	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	11.62	11.90	19.97	30.00	-10.03
Mid	6175	11.54	11.45	19.71	30.00	-10.29
High	6415	11.50	11.22	19.57	30.00	-10.43

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T+26T – LOW POWER INDOOR

Test Engineer:	105900/8470
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	24.00	-1.00
Mid	6175	5.20	8.21	24.00	-1.00
High	6415	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-5.51	-6.51	2.23	24.00	-21.77
Mid	6175	-5.53	-6.77	2.10	24.00	-21.90
High	6415	-6.15	-6.86	1.72	24.00	-22.28

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T – STANDARD POWER

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-20

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	30.00	17.00
Mid	6175	5.20	8.21	30.00	17.00
High	6415	5.20	8.21	30.00	17.00

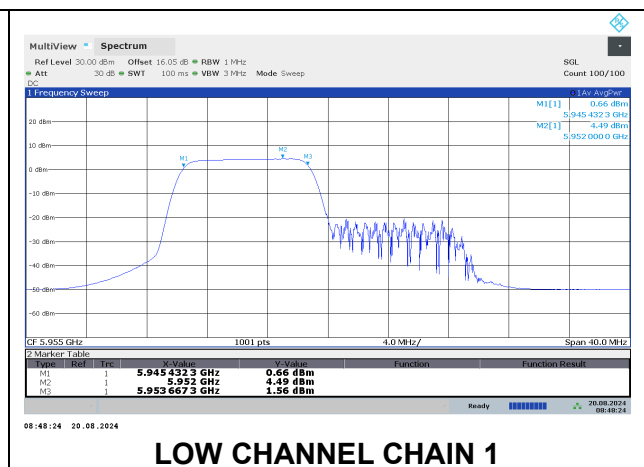
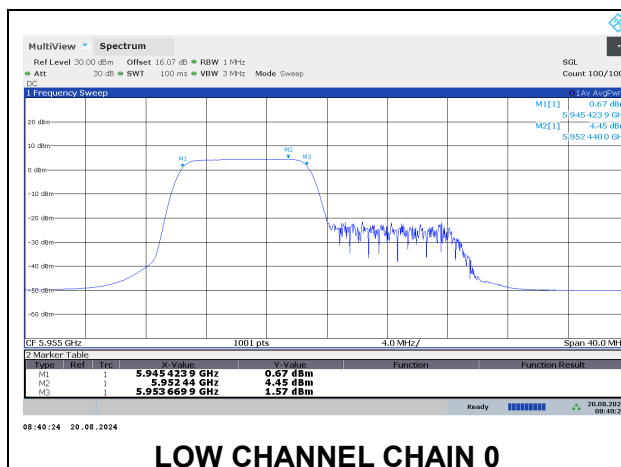
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	14.63	14.82	22.94	30.00	-7.06
Mid	6175	14.98	14.81	23.11	30.00	-6.89
High	6415	14.91	14.68	23.01	30.00	-6.99

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	4.45	4.49	15.69	17.00	-1.31
Mid	6175	4.40	4.42	15.63	17.00	-1.37
High	6415	4.17	3.58	15.11	17.00	-1.89



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T – LOW POWER INDOOR

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-20

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	24.00	-1.00
Mid	6175	5.20	8.21	24.00	-1.00
High	6415	5.20	8.21	24.00	-1.00

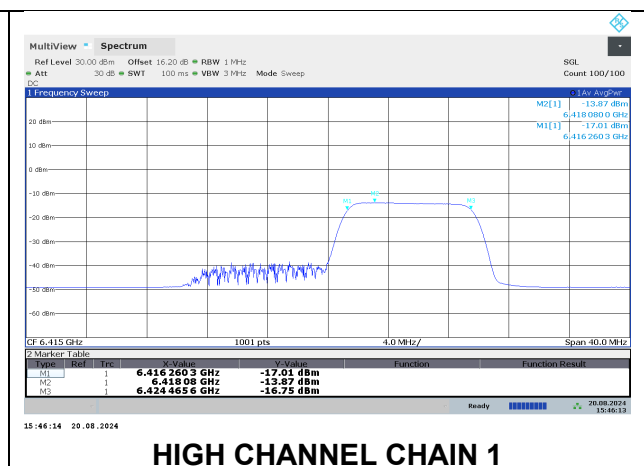
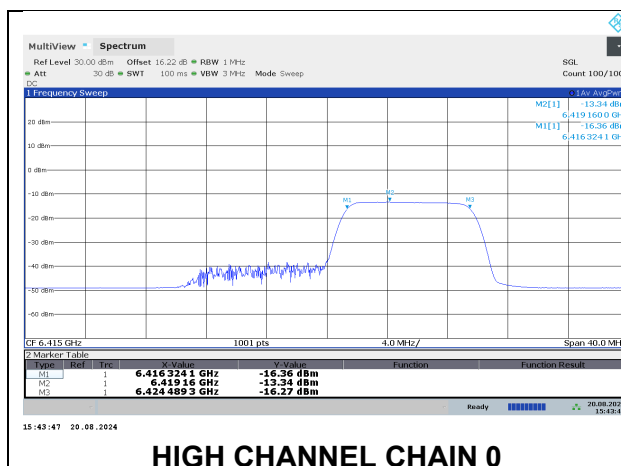
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-3.19	-4.05	4.61	24.00	-19.39
Mid	6175	-3.21	-4.12	4.57	24.00	-19.43
High	6415	-3.14	-3.74	4.78	24.00	-19.22

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-14.46	-14.68	-3.35	-1.00	-2.35
Mid	6175	-14.03	-14.20	-2.89	-1.00	-1.89
High	6415	-13.34	-13.87	-2.38	-1.00	-1.38



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T+26T – STANDARD POWER

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	30.00	17.00
Mid	6175	5.20	8.21	30.00	17.00
High	6415	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	14.62	14.87	22.96	30.00	-7.04
Mid	6175	14.48	14.33	22.62	30.00	-7.38
High	6415	14.90	14.85	23.09	30.00	-6.91

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T+26T – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	24.00	-1.00
Mid	6175	5.20	8.21	24.00	-1.00
High	6415	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-3.17	-4.02	4.64	24.00	-19.36
Mid	6175	-3.15	-4.09	4.62	24.00	-19.38
High	6415	-3.14	-3.69	4.80	24.00	-19.20

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T – STANDARD POWER

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-20

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	30.00	17.00
Mid	6175	5.20	8.21	30.00	17.00
High	6415	5.20	8.21	30.00	17.00

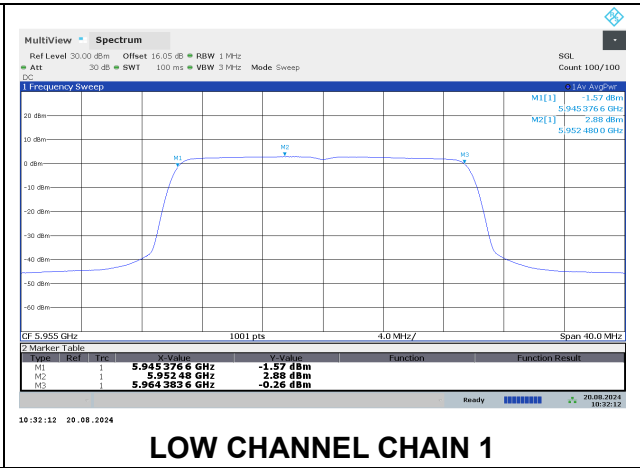
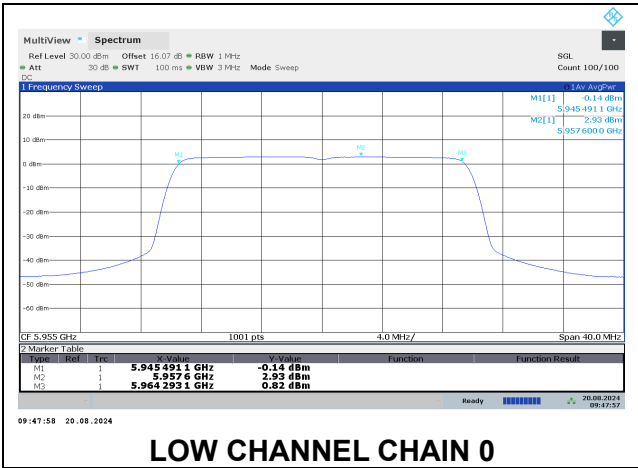
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	16.65	16.70	24.89	30.00	-5.11
Mid	6175	16.55	16.08	24.53	30.00	-5.47
High	6415	17.00	16.98	25.20	30.00	-4.80

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	2.93	2.88	14.13	17.00	-2.87
Mid	6175	2.93	2.85	14.11	17.00	-2.89
High	6415	2.72	2.46	13.81	17.00	-3.19



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T – LOW POWER INDOOR

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-20

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	5.20	8.21	24.00	-1.00
Mid	6175	5.20	8.21	24.00	-1.00
High	6415	5.20	8.21	24.00	-1.00

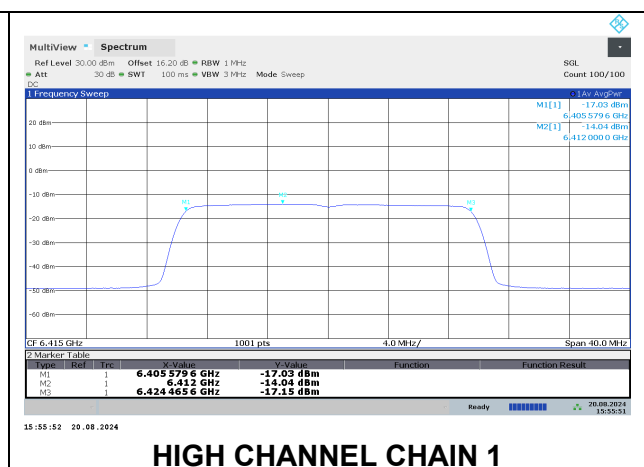
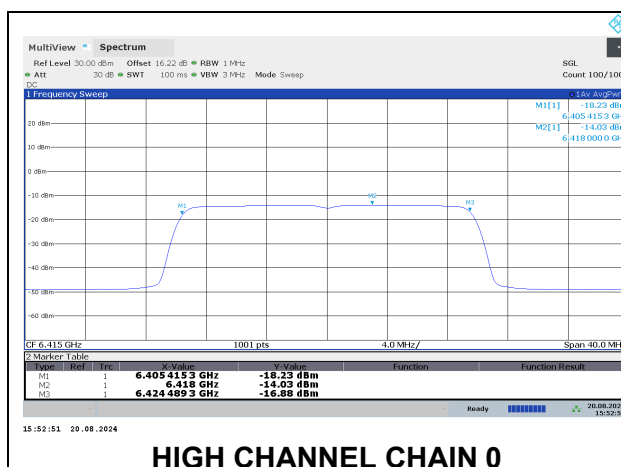
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	0.47	0.29	8.59	24.00	-15.41
Mid	6175	-0.15	0.21	8.24	24.00	-15.76
High	6415	0.79	0.75	8.98	24.00	-15.02

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-15.11	-15.27	-3.97	-1.00	-2.97
Mid	6175	-14.54	-14.77	-3.43	-1.00	-2.43
High	6415	-14.03	-14.04	-2.81	-1.00	-1.81



9.2.3. 802.11be EHT40 MODE 2TX IN THE UNII-5 BAND (LOW GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T – STANDARD POWER

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-22, 2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5965	5.20	8.21	30.00	17.00
Mid	6165	5.20	8.21	30.00	17.00
High	6405	5.20	8.21	30.00	17.00

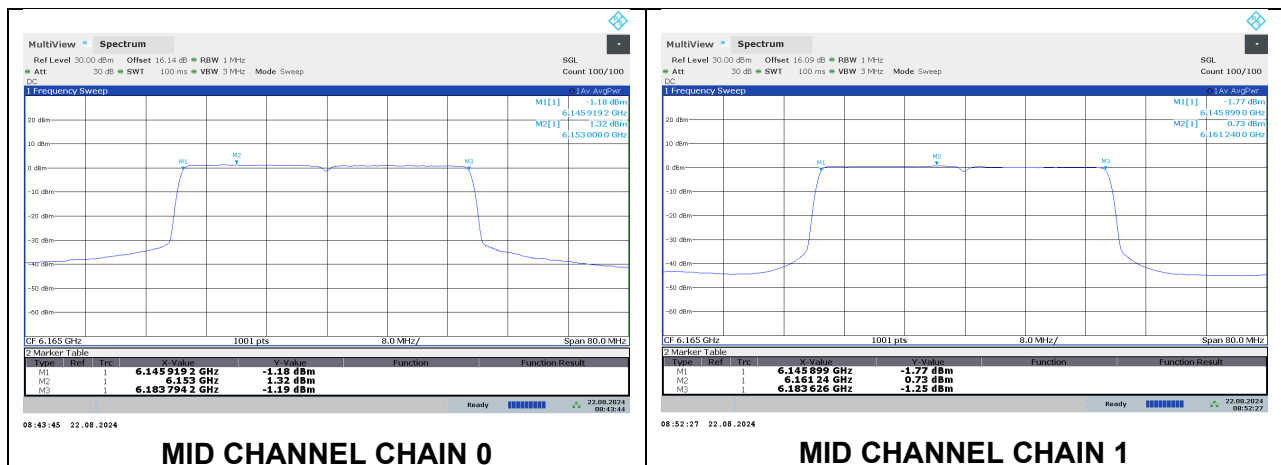
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5965	17.12	17.42	25.48	30.00	-4.52
Mid	6165	17.48	17.27	25.59	30.00	-4.41
High	6405	16.96	17.15	25.27	30.00	-4.73

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5965	-0.34	0.33	11.23	17.00	-5.77
Mid	6165	1.32	0.73	12.26	17.00	-4.74
High	6405	0.72	0.49	11.83	17.00	-5.17



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T – LOW POWER INDOOR

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-22

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5965	5.20	8.21	24.00	-1.00
Mid	6165	5.20	8.21	24.00	-1.00
High	6405	5.20	8.21	24.00	-1.00

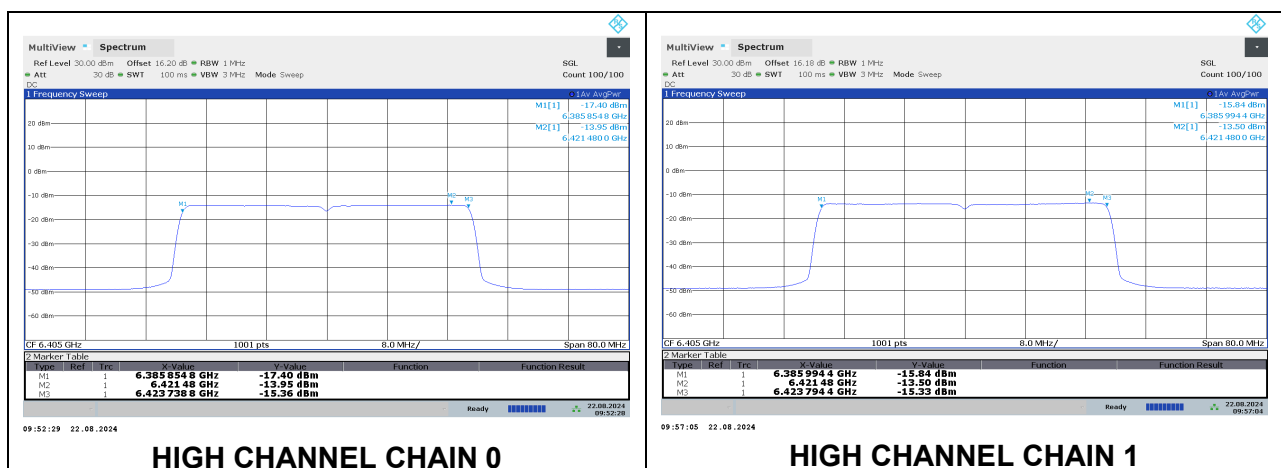
Duty Cycle CF (dB)	0.00	Included in Calculations of PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5965	1.89	1.13	9.74	24.00	-14.26
Mid	6165	2.74	1.76	10.49	24.00	-13.51
High	6405	2.34	2.07	10.42	24.00	-13.58

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5965	-14.04	-14.01	-2.80	-1.00	-1.80
Mid	6165	-14.73	-13.98	-3.12	-1.00	-2.12
High	6405	-13.95	-13.50	-2.50	-1.00	-1.50



9.2.4. 802.11be EHT80 MODE 2TX IN THE UNII-5 BAND (LOW GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	5.20	8.21	30.00	17.00
Mid	6145	5.20	8.21	30.00	17.00
High	6385	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	17.21	17.38	25.51	30.00	-4.49
Mid	6145	17.05	16.80	25.14	30.00	-4.86
High	6385	17.12	17.12	25.33	30.00	-4.67

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	5.20	8.21	24.00	-1.00
Mid	6145	5.20	8.21	24.00	-1.00
High	6385	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	1.96	1.16	9.79	24.00	-14.21
Mid	6145	2.85	1.84	10.58	24.00	-13.42
High	6385	2.42	2.23	10.54	24.00	-13.46

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	5.20	8.21	30.00	17.00
Mid	6145	5.20	8.21	30.00	17.00
High	6385	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	17.16	17.27	25.43	30.00	-4.57
Mid	6145	17.13	16.81	25.18	30.00	-4.82
High	6385	17.00	17.18	25.30	30.00	-4.70

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	5.20	8.21	24.00	-1.00
Mid	6145	5.20	8.21	24.00	-1.00
High	6385	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	2.66	2.77	10.93	24.00	-13.07
Mid	6145	2.83	1.83	10.57	24.00	-13.43
High	6385	2.50	2.29	10.61	24.00	-13.39

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	5.20	8.21	30.00	17.00
Mid	6145	5.20	8.21	30.00	17.00
High	6385	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	17.25	17.32	25.50	30.00	-4.50
Mid	6145	17.11	16.79	25.16	30.00	-4.84
High	6385	17.09	17.18	25.35	30.00	-4.65

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	5.20	8.21	24.00	-1.00
Mid	6145	5.20	8.21	24.00	-1.00
High	6385	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	2.59	2.73	10.87	24.00	-13.13
Mid	6145	2.93	1.94	10.67	24.00	-13.33
High	6385	2.49	2.27	10.59	24.00	-13.41

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024-09-30, 2024-08-22

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	5.20	8.21	30.00	17.00
Mid	6145	5.20	8.21	30.00	17.00
High	6385	5.20	8.21	30.00	17.00

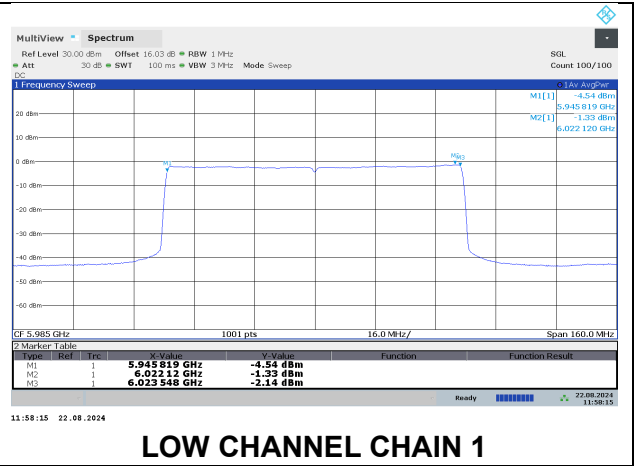
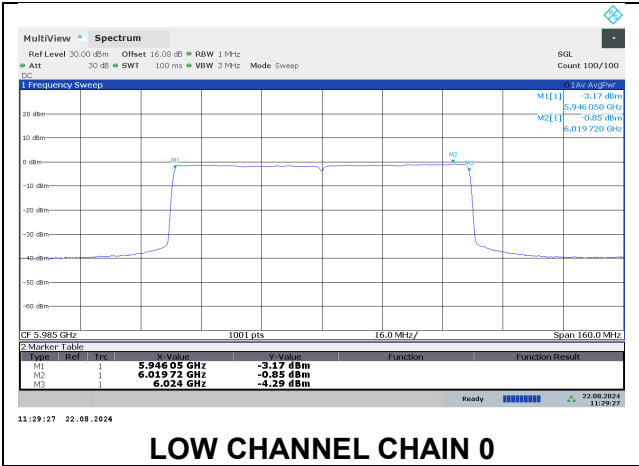
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	16.28	15.75	24.23	30.00	-5.77
Mid	6145	17.31	16.67	25.21	30.00	-4.79
High	6385	18.07	18.17	26.33	30.00	-3.67

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5985	-0.85	-1.33	10.23	17.00	-6.77
Mid	6145	-0.81	-1.44	10.20	17.00	-6.80
High	6385	-1.40	-1.84	9.70	17.00	-7.30



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T – LOW POWER INDOOR

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-22

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	5.20	8.21	24.00	-1.00
Mid	6145	5.20	8.21	24.00	-1.00
High	6385	5.20	8.21	24.00	-1.00

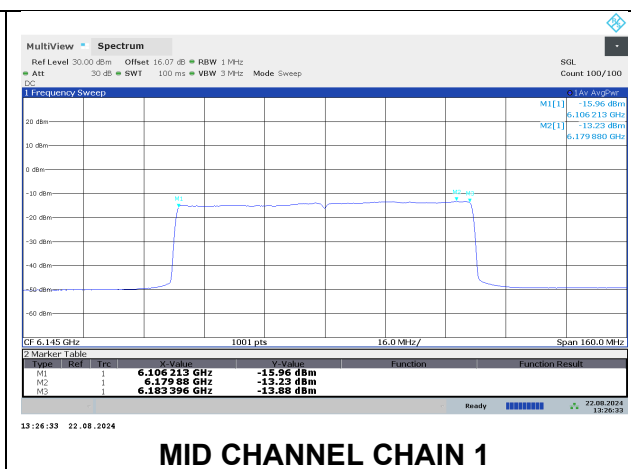
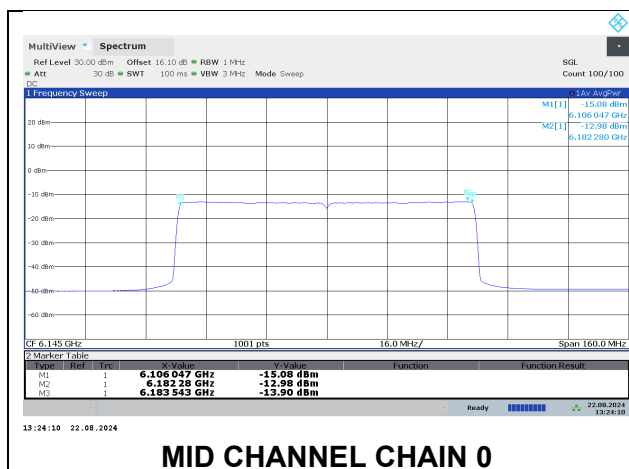
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	5.35	5.50	13.64	24.00	-10.36
Mid	6145	5.58	5.58	13.79	24.00	-10.21
High	6385	5.52	5.85	13.90	24.00	-10.10

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5985	-12.94	-13.68	-1.98	-1.00	-0.98
Mid	6145	-12.98	-13.23	-1.79	-1.00	-0.79
High	6385	-13.37	-14.37	-2.53	-1.00	-1.53



9.2.5. 802.11be EHT160 MODE 2TX IN THE UNII-5 BAND (LOW GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.73	16.04	24.61	30.00	-5.39
Mid	6185	17.53	16.95	25.46	30.00	-4.54
High	6345	17.25	16.67	25.18	30.00	-4.82

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.68	5.74	13.92	24.00	-10.08
Mid	6185	5.86	5.71	14.00	24.00	-10.00
High	6345	5.49	5.51	13.71	24.00	-10.29

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.76	16.07	24.64	30.00	-5.36
Mid	6185	17.58	16.90	25.46	30.00	-4.54
High	6345	17.20	16.71	25.17	30.00	-4.83

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.68	5.72	13.91	24.00	-10.09
Mid	6185	5.87	5.72	14.01	24.00	-9.99
High	6345	5.99	5.99	14.20	24.00	-9.80

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.74	15.95	24.57	30.00	-5.43
Mid	6185	17.52	16.96	25.46	30.00	-4.54
High	6345	17.20	16.77	25.20	30.00	-4.80

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.68	5.68	13.89	24.00	-10.11
Mid	6185	5.82	5.69	13.97	24.00	-10.03
High	6345	5.94	5.99	14.18	24.00	-9.82

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.19	15.54	24.09	30.00	-5.91
Mid	6185	16.94	16.19	24.79	30.00	-5.21
High	6345	16.60	16.08	24.56	30.00	-5.44

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.14	5.21	13.39	24.00	-10.61
Mid	6185	5.27	5.31	13.50	24.00	-10.50
High	6345	4.76	5.02	13.10	24.00	-10.90

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.09	15.42	23.98	30.00	-6.02
Mid	6185	17.06	16.31	24.91	30.00	-5.09
High	6345	16.64	16.06	24.57	30.00	-5.43

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.01	5.21	13.32	24.00	-10.68
Mid	6185	5.20	5.29	13.46	24.00	-10.54
High	6345	4.69	5.03	13.07	24.00	-10.93

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.23	15.41	24.05	30.00	-5.95
Mid	6185	17.05	16.34	24.92	30.00	-5.08
High	6345	16.74	16.17	24.67	30.00	-5.33

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.03	5.18	13.32	24.00	-10.68
Mid	6185	5.27	5.26	13.48	24.00	-10.52
High	6345	4.70	5.00	13.06	24.00	-10.94

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.13	15.49	24.03	30.00	-5.97
Mid	6185	16.96	16.19	24.80	30.00	-5.20
High	6345	16.62	16.18	24.62	30.00	-5.38

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.03	5.16	13.31	24.00	-10.69
Mid	6185	5.20	5.23	13.43	24.00	-10.57
High	6345	4.68	5.02	13.06	24.00	-10.94

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.17	15.53	24.07	30.00	-5.93
Mid	6185	17.02	16.24	24.86	30.00	-5.14
High	6345	16.56	16.14	24.57	30.00	-5.43

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.07	5.16	13.33	24.00	-10.67
Mid	6185	5.23	5.27	13.46	24.00	-10.54
High	6345	4.73	5.01	13.08	24.00	-10.92

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.15	15.43	24.02	30.00	-5.98
Mid	6185	16.99	16.20	24.82	30.00	-5.18
High	6345	16.68	16.11	24.61	30.00	-5.39

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.05	5.15	13.31	24.00	-10.69
Mid	6185	5.24	5.29	13.48	24.00	-10.52
High	6345	4.73	5.01	13.08	24.00	-10.92

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.11	15.41	23.98	30.00	-6.02
Mid	6185	17.02	16.27	24.87	30.00	-5.13
High	6345	16.56	16.09	24.54	30.00	-5.46

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.02	5.19	13.32	24.00	-10.68
Mid	6185	5.23	5.26	13.46	24.00	-10.54
High	6345	4.71	5.02	13.08	24.00	-10.92

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x 996T – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	30.00	17.00
Mid	6185	5.20	8.21	30.00	17.00
High	6345	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	16.13	15.47	24.02	30.00	-5.98
Mid	6185	16.35	15.76	24.28	30.00	-5.72
High	6345	18.03	18.19	26.32	30.00	-3.68

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x 996T – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02, 2024-08

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	5.20	8.21	24.00	-1.00
Mid	6185	5.20	8.21	24.00	-1.00
High	6345	5.20	8.21	24.00	-1.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	7.89	8.13	16.22	24.00	-7.78
Mid	6185	8.18	8.07	16.34	24.00	-7.66
High	6345	7.91	8.35	16.35	24.00	-7.65

9.2.6. 802.11be EHT320 MODE 2TX IN THE UNII-5 BAND (LOW GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.37	15.71	24.26	30.00	-5.74
High	6265	16.27	15.75	24.23	30.00	-5.77

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.43	8.46	16.66	24.00	-7.34
High	6265	8.50	8.52	16.72	24.00	-7.28

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.34	15.79	24.28	30.00	-5.72
High	6265	16.31	15.75	24.25	30.00	-5.75

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.46	8.46	16.67	24.00	-7.33
High	6265	8.39	8.40	16.61	24.00	-7.39

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+2x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.29	15.66	24.20	30.00	-5.80
High	6265	16.35	15.65	24.22	30.00	-5.78

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+2x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.44	8.30	16.58	24.00	-7.42
High	6265	8.48	8.44	16.67	24.00	-7.33

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.29	15.75	24.24	30.00	-5.76
High	6265	16.34	15.74	24.26	30.00	-5.74

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.42	8.45	16.65	24.00	-7.35
High	6265	8.46	8.39	16.64	24.00	-7.36

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.31	15.77	24.26	30.00	-5.74
High	6265	16.35	15.76	24.28	30.00	-5.72

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.45	8.35	16.61	24.00	-7.39
High	6265	8.46	8.36	16.62	24.00	-7.38

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.32	15.80	24.28	30.00	-5.72
High	6265	16.33	15.72	24.25	30.00	-5.75

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.38	8.32	16.56	24.00	-7.44
High	6265	8.37	8.28	16.54	24.00	-7.46

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.93	15.33	23.85	30.00	-6.15
High	6265	16.19	15.54	24.09	30.00	-5.91

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.47	8.29	16.59	24.00	-7.41
High	6265	8.36	8.37	16.58	24.00	-7.42

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.98	15.35	23.89	30.00	-6.11
High	6265	16.14	15.63	24.10	30.00	-5.90

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.40	8.32	16.57	24.00	-7.43
High	6265	8.34	8.21	16.49	24.00	-7.51

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.18	15.66	24.14	30.00	-5.86
High	6265	16.21	15.56	24.11	30.00	-5.89

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.17	7.89	16.24	24.00	-7.76
High	6265	8.45	8.38	16.63	24.00	-7.37

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.32	15.60	24.19	30.00	-5.81
High	6265	16.28	15.71	24.21	30.00	-5.79

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.42	8.30	16.57	24.00	-7.43
High	6265	8.44	8.26	16.56	24.00	-7.44

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+3x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.15	15.54	24.07	30.00	-5.93
High	6265	16.10	15.55	24.04	30.00	-5.96

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+3x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.09	7.77	16.14	24.00	-7.86
High	6265	8.22	8.03	16.34	24.00	-7.66

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.23	15.66	24.16	30.00	-5.84
High	6265	16.10	15.51	24.03	30.00	-5.97

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.45	8.16	16.52	24.00	-7.48
High	6265	8.42	8.37	16.61	24.00	-7.39

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.24	15.64	24.16	30.00	-5.84
High	6265	16.57	15.92	24.47	30.00	-5.53

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.41	8.28	16.56	24.00	-7.44
High	6265	8.45	8.39	16.63	24.00	-7.37

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.36	15.68	24.24	30.00	-5.76
High	6265	16.30	15.75	24.24	30.00	-5.76

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.46	8.37	16.63	24.00	-7.37
High	6265	8.46	8.41	16.65	24.00	-7.35

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.47	15.82	24.37	30.00	-5.63
High	6265	16.21	15.62	24.14	30.00	-5.86

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	105900/84740
Test Date:	2024-08-02

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	8.49	8.46	16.69	24.00	-7.31
High	6265	8.49	8.27	16.59	24.00	-7.41

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 4x996T – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024-09-30

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	30.00	17.00
High	6265	5.20	8.21	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	18.09	17.95	26.23	30.00	-3.77
High	6265	18.38	18.14	26.47	30.00	-3.53

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 4x996T – LOW POWER INDOOR

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-08-02, 2024-08-22

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	5.20	8.21	24.00	-1.00
High	6265	5.20	8.21	24.00	-1.00

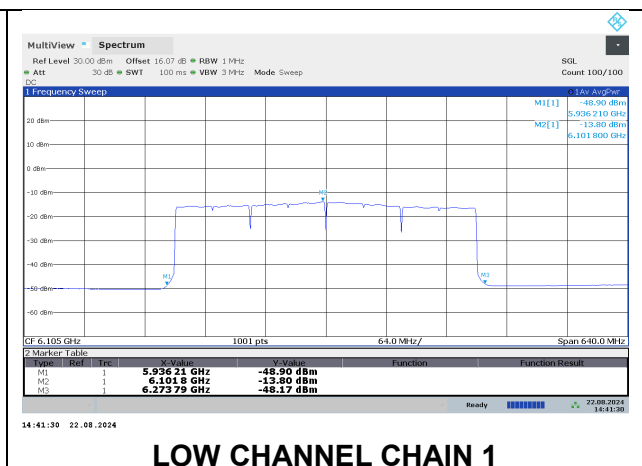
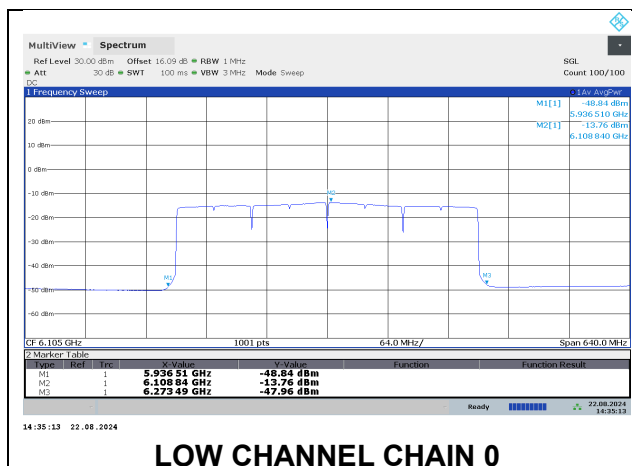
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	10.80	10.77	19.00	24.00	-5.00
High	6265	10.95	10.84	19.11	24.00	-4.89

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	6105	-13.76	-13.80	-2.56	-1.00	-1.56
High	6265	-14.50	-14.20	-3.13	-1.00	-2.13



9.2.7. 802.11a MODE 2TX IN THE UNII-5 BAND (MID GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/24/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	30.00	17.00
Mid	6175	7.30	10.31	30.00	17.00
High	6415	7.30	10.31	30.00	17.00

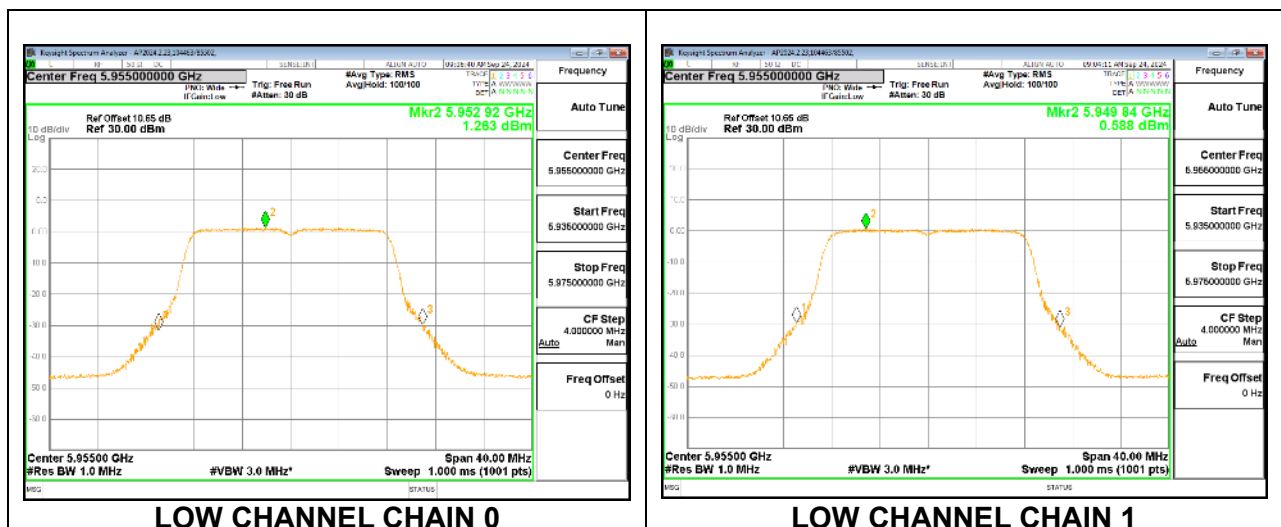
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	15.10	14.45	25.10	30.00	-4.90
Mid	6175	15.37	14.57	25.30	30.00	-4.70
High	6415	15.10	14.37	25.06	30.00	-4.94

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	1.26	0.59	14.26	17.00	-2.74
Mid	6175	0.67	-0.11	13.62	17.00	-3.38
High	6415	0.49	-0.55	13.32	17.00	-3.68



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/25/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	24.00	-1.00
Mid	6175	7.30	10.31	24.00	-1.00
High	6415	7.30	10.31	24.00	-1.00

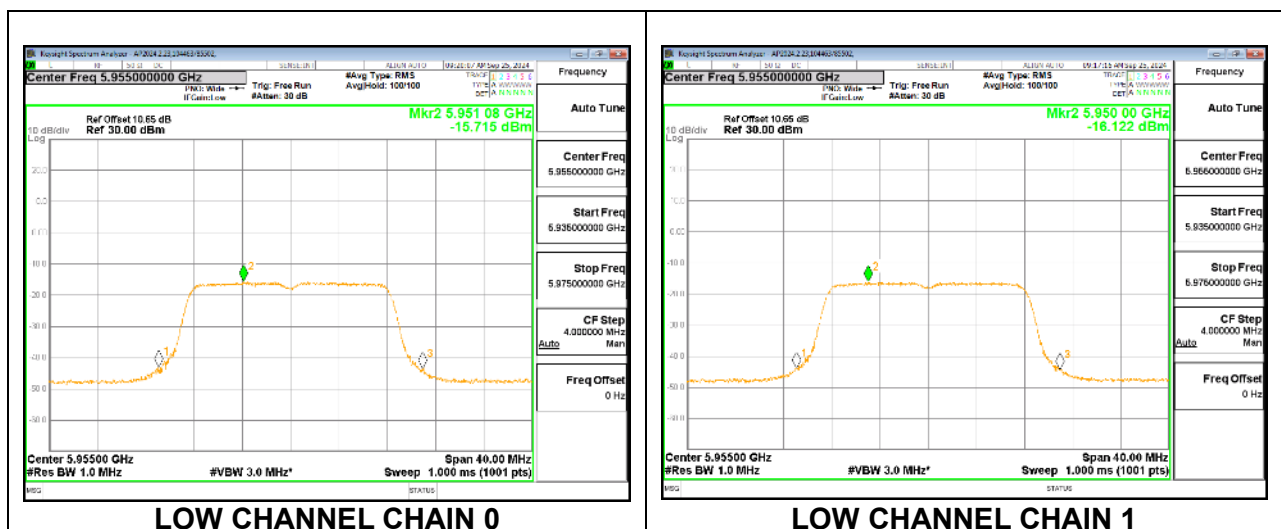
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-2.57	-2.97	7.54	24.00	-16.46
Mid	6175	-2.81	-3.47	7.18	24.00	-16.82
High	6415	-2.71	-4.13	6.95	24.00	-17.05

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-15.72	-16.12	-2.59	-1.00	-1.59
Mid	6175	-16.98	-17.03	-3.68	-1.00	-2.68
High	6415	-16.30	-16.37	-3.01	-1.00	-2.01



9.2.8. 802.11be EHT20 MODE 2TX IN THE UNII-5 BAND (MID GAIN) 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/24/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	30.00	17.00
Mid	6175	7.30	10.31	30.00	17.00
High	6415	7.30	10.31	30.00	17.00

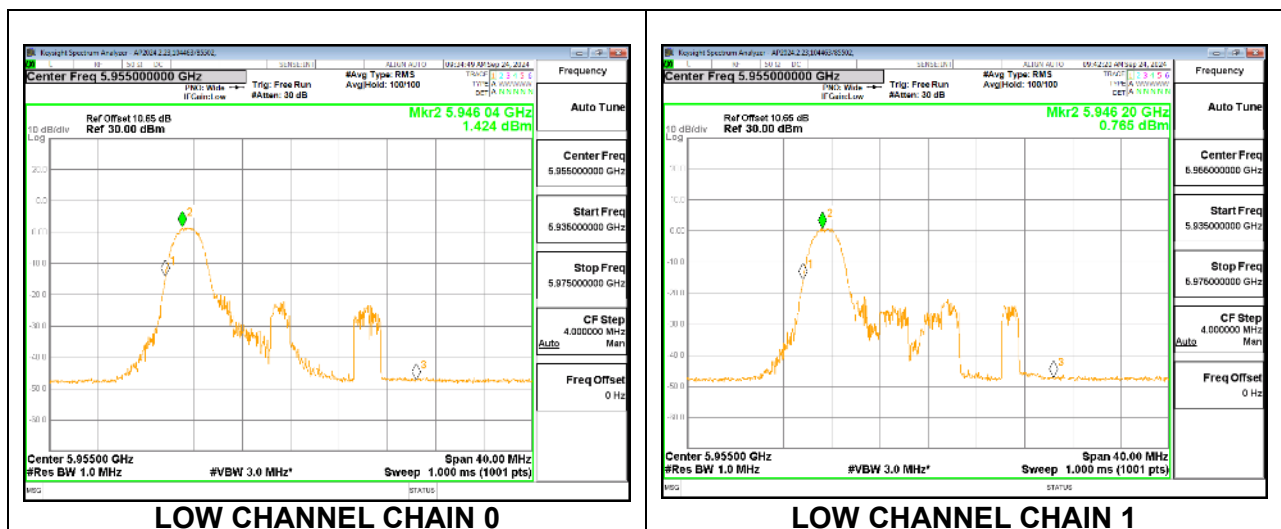
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	7.40	6.56	17.31	30.00	-12.69
Mid	6175	7.45	6.78	17.44	30.00	-12.56
High	6415	7.39	6.49	17.27	30.00	-12.73

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	1.42	0.77	14.43	17.00	-2.57
Mid	6175	0.31	-0.21	13.38	17.00	-3.62
High	6415	0.73	0.36	13.87	17.00	-3.13



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/25/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	24.00	-1.00
Mid	6175	7.30	10.31	24.00	-1.00
High	6415	7.30	10.31	24.00	-1.00

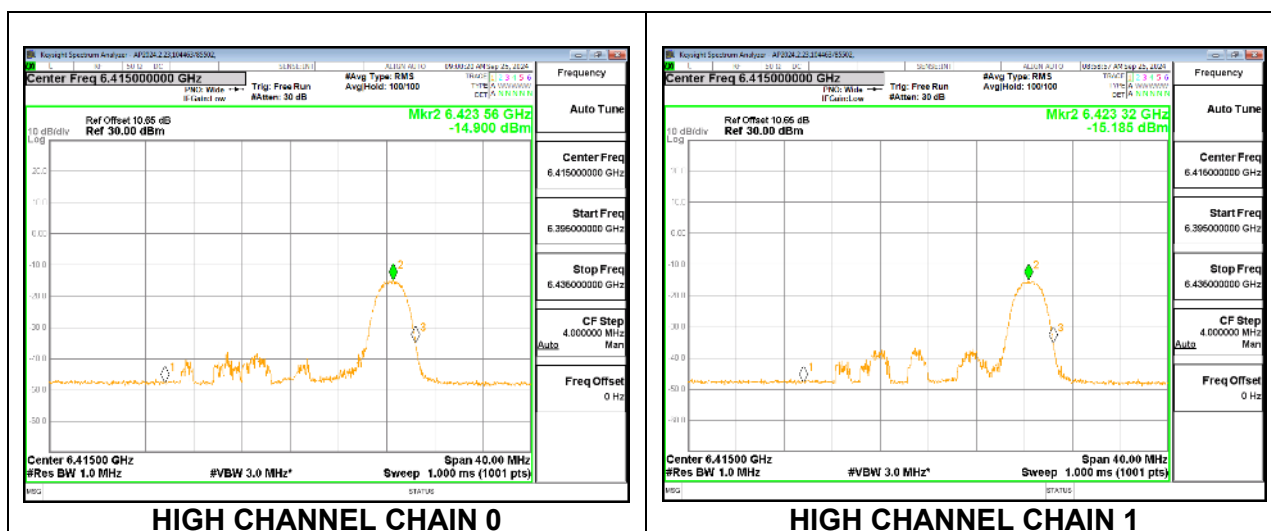
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-10.67	-10.35	-0.20	24.00	-24.20
Mid	6175	-10.73	-11.29	-0.69	24.00	-24.69
High	6415	-10.35	-11.94	-0.76	24.00	-24.76

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-15.53	-14.95	-1.91	-1.00	-0.91
Mid	6175	-17.27	-16.85	-3.73	-1.00	-2.73
High	6415	-14.90	-15.19	-1.72	-1.00	-0.72



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/30/2024, 10/01/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	30.00	17.00
Mid	6175	7.30	10.31	30.00	17.00
High	6415	7.30	10.31	30.00	17.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	10.38	9.81	20.41	30.00	-9.59
Mid	6175	10.21	9.94	20.39	30.00	-9.61
High	6415	10.07	8.88	19.83	30.00	-10.17

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	2.20	1.69	15.27	17.00	-1.73
Mid	6175	1.93	1.27	14.94	17.00	-2.06
High	6415	3.43	2.31	16.23	17.00	-0.77



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/25/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	24.00	-1.00
Mid	6175	7.30	10.31	24.00	-1.00
High	6415	7.30	10.31	24.00	-1.00

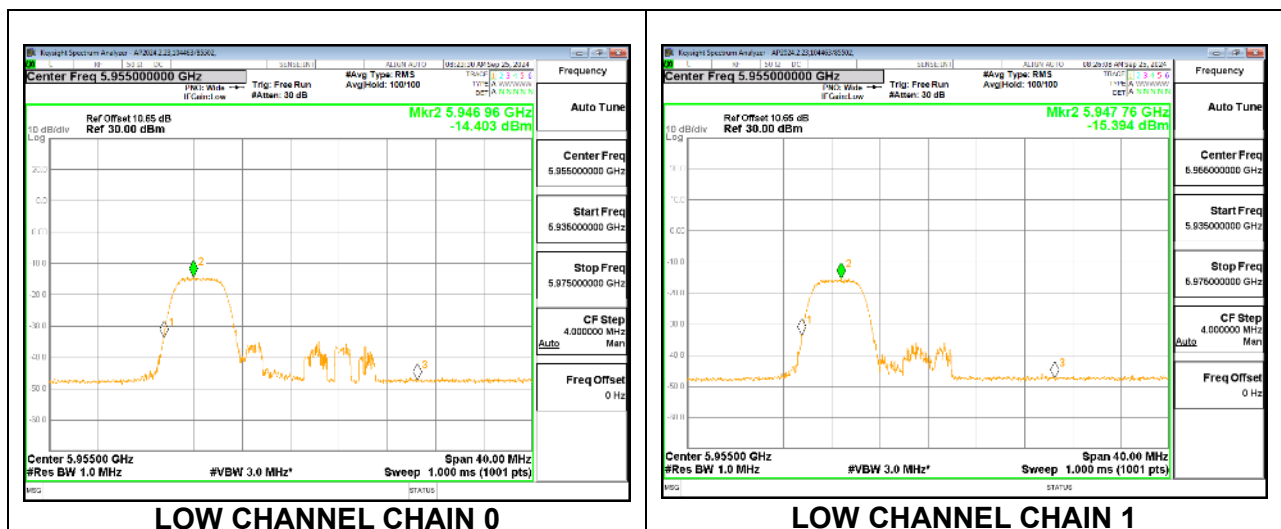
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-7.27	-7.73	2.82	24.00	-21.18
Mid	6175	-7.78	-8.22	2.32	24.00	-21.68
High	6415	-7.45	-8.94	2.18	24.00	-21.82

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-14.40	-15.39	-1.55	-1.00	-0.55
Mid	6175	-16.18	-15.80	-2.67	-1.00	-1.67
High	6415	-15.00	-15.54	-1.94	-1.00	-0.94



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T+26T – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	30.00	17.00
Mid	6175	7.30	10.31	30.00	17.00
High	6415	7.30	10.31	30.00	17.00

Duty Cycle CF (dB)		Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	10.25	9.87	20.37	30.00	-9.63
Mid	6175	10.24	9.87	20.37	30.00	-9.63
High	6415	10.33	9.08	20.06	30.00	-9.94

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T+26T – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	24.00	-1.00
Mid	6175	7.30	10.31	24.00	-1.00
High	6415	7.30	10.31	24.00	-1.00

Duty Cycle CF (dB)		Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-7.34	-7.82	2.74	24.00	-21.26
Mid	6175	-7.93	-8.29	2.20	24.00	-21.80
High	6415	-7.12	-8.35	2.62	24.00	-21.38

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/24/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	30.00	17.00
Mid	6175	7.30	10.31	30.00	17.00
High	6415	7.00	10.31	30.00	17.00

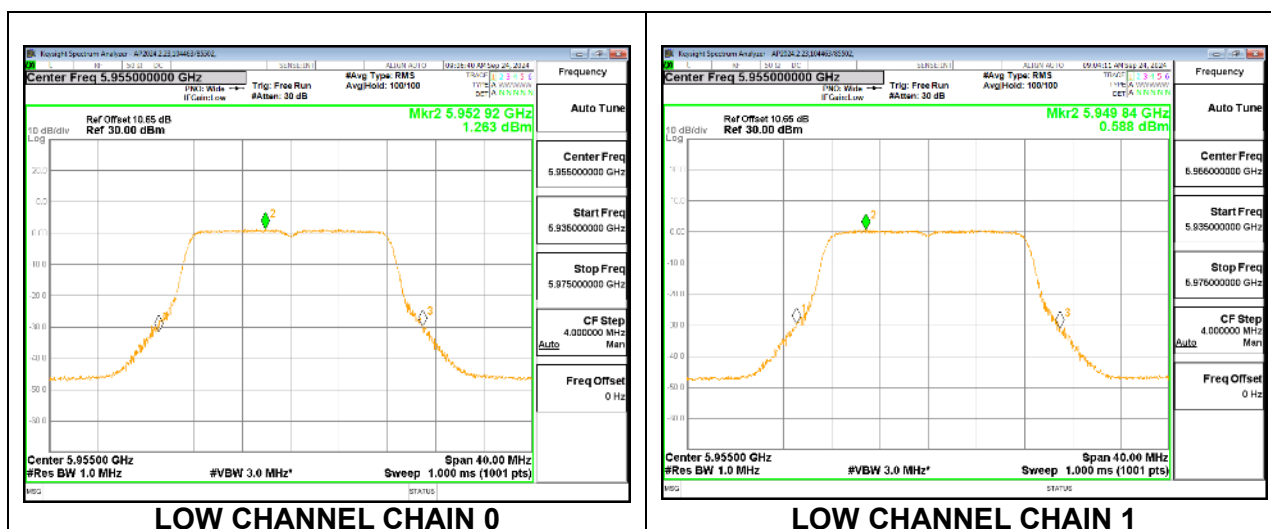
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	13.06	11.57	22.69	30.00	-7.31
Mid	6175	13.24	12.02	22.98	30.00	-7.02
High	6415	13.13	11.86	22.55	30.00	-7.45

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	1.26	0.59	14.26	17.00	-2.74
Mid	6175	0.67	-0.11	13.62	17.00	-3.38
High	6415	0.49	-0.55	13.32	17.00	-3.68



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/24/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	24.00	-1.00
Mid	6175	7.30	10.31	24.00	-1.00
High	6415	7.30	10.31	24.00	-1.00

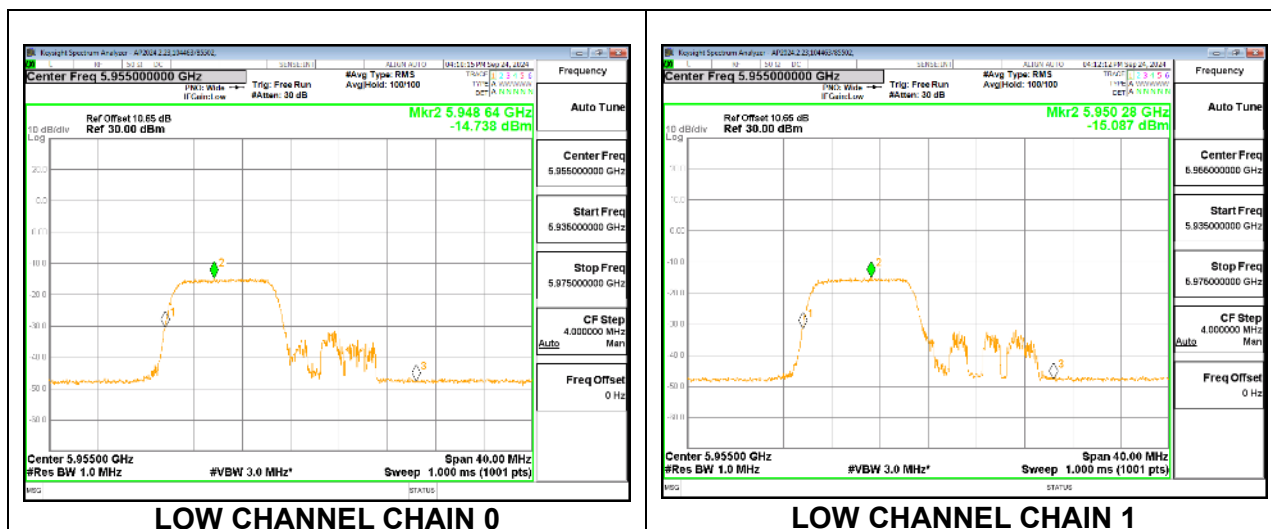
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-4.82	-5.28	5.27	24.00	-18.73
Mid	6175	-4.73	-5.17	5.37	24.00	-18.63
High	6415	-4.55	-5.86	5.15	24.00	-18.85

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-14.74	-15.09	-1.59	-1.00	-0.59
Mid	6175	-15.85	-16.14	-2.67	-1.00	-1.67
High	6415	-15.15	-15.71	-2.10	-1.00	-1.10



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T+26T – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	30.00	17.00
Mid	6175	7.30	10.31	30.00	17.00
High	6415	7.30	10.31	30.00	17.00

Duty Cycle CF (dB)		Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	13.18	11.53	22.74	30.00	-7.26
Mid	6175	13.32	11.99	23.02	30.00	-6.98
High	6415	13.15	11.96	22.91	30.00	-7.09

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T+26T – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	24.00	-1.00
Mid	6175	7.30	10.31	24.00	-1.00
High	6415	7.30	10.31	24.00	-1.00

Duty Cycle CF (dB)		Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-4.91	-5.15	5.28	24.00	-18.72
Mid	6175	-4.78	-5.18	5.33	24.00	-18.67
High	6415	-4.60	-5.99	5.07	24.00	-18.93

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/24/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	30.00	17.00
Mid	6175	7.30	10.31	30.00	17.00
High	6415	7.30	10.31	30.00	17.00

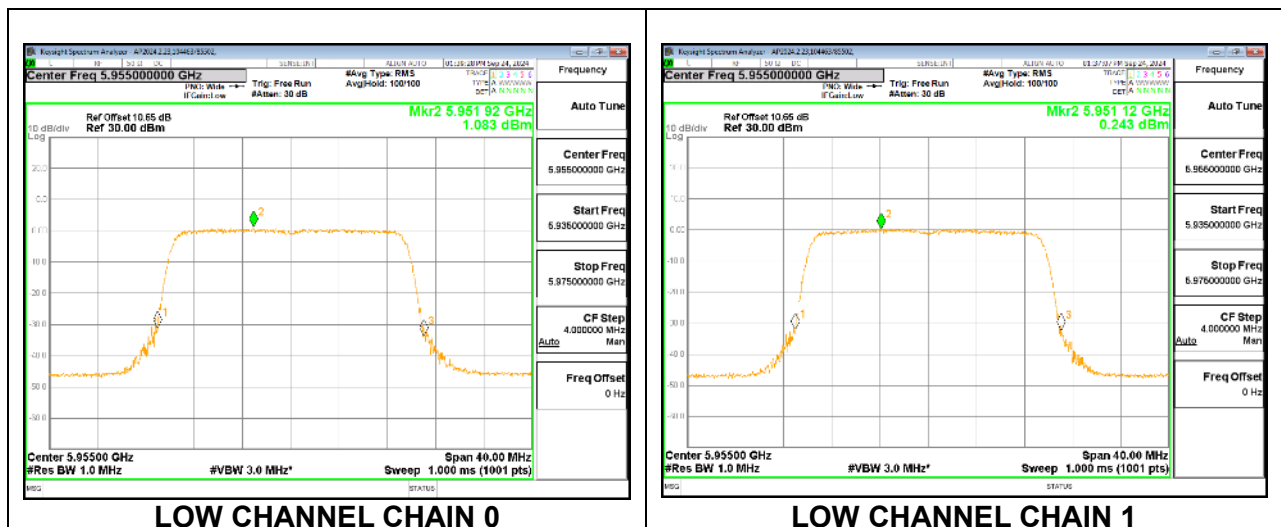
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	15.03	13.31	24.56	30.00	-5.44
Mid	6175	15.27	13.83	24.92	30.00	-5.08
High	6415	15.10	14.07	24.93	30.00	-5.07

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	1.08	0.24	14.00	17.00	-3.00
Mid	6175	0.17	-0.23	13.30	17.00	-3.70
High	6415	0.13	-0.49	13.15	17.00	-3.85



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/24/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	7.30	10.31	24.00	-1.00
Mid	6175	7.30	10.31	24.00	-1.00
High	6415	7.30	10.31	24.00	-1.00

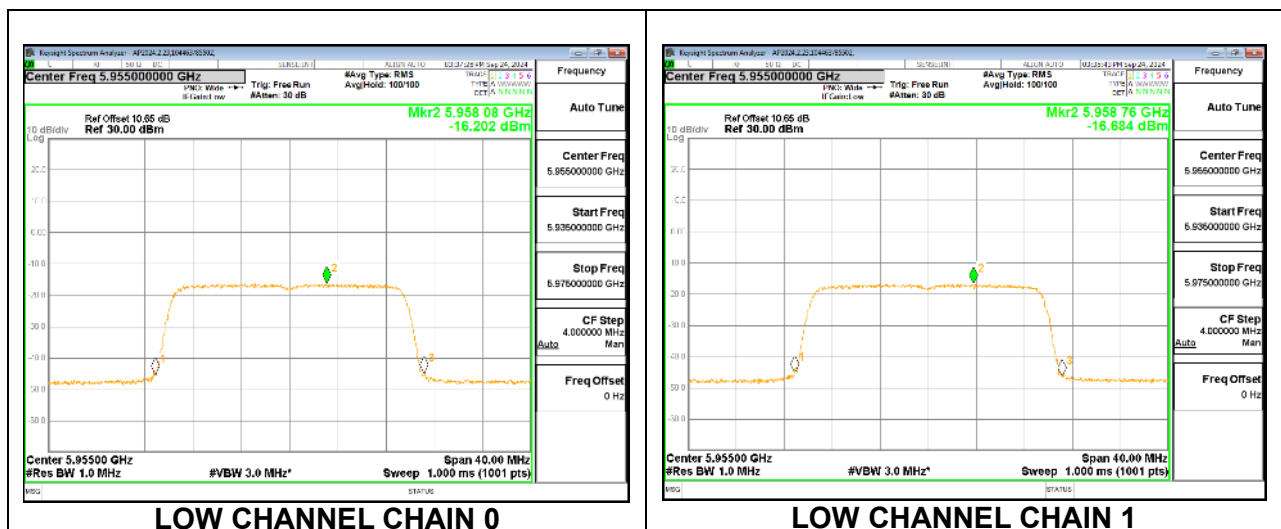
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-2.88	-3.31	7.22	24.00	-16.78
Mid	6175	-2.73	-3.35	7.28	24.00	-16.72
High	6415	-2.58	-3.99	7.08	24.00	-16.92

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-16.20	-16.68	-3.12	-1.00	-2.12
Mid	6175	-17.43	-17.47	-4.13	-1.00	-3.13
High	6415	-16.79	-17.11	-3.63	-1.00	-2.63



9.2.9. 802.11be EHT40 MODE 2TX IN THE UNII-5 BAND (MID GAIN) 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/24/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5965	7.30	10.31	30.00	17.00
Mid	6165	7.30	10.31	30.00	17.00
High	6405	7.30	10.31	30.00	17.00

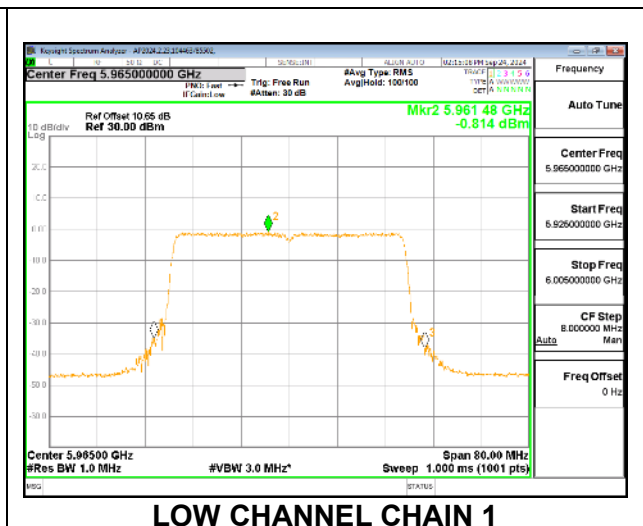
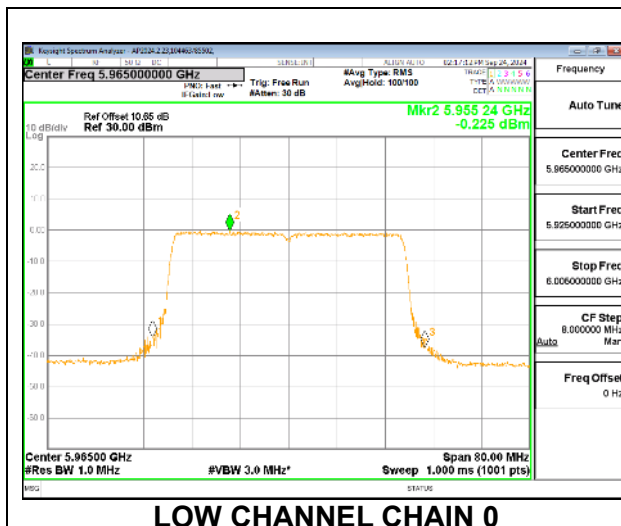
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5965	17.05	16.14	26.93	30.00	-3.07
Mid	6165	17.31	16.25	27.12	30.00	-2.88
High	6405	16.95	16.12	26.87	30.00	-3.13

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5965	-0.23	-0.81	12.81	17.00	-4.19
Mid	6165	-0.97	-1.60	12.05	17.00	-4.95
High	6405	-1.41	-1.79	11.73	17.00	-5.27



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	9/24/2024, 9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5965	7.30	10.31	24.00	-1.00
Mid	6165	7.30	10.31	24.00	-1.00
High	6405	7.30	10.31	24.00	-1.00

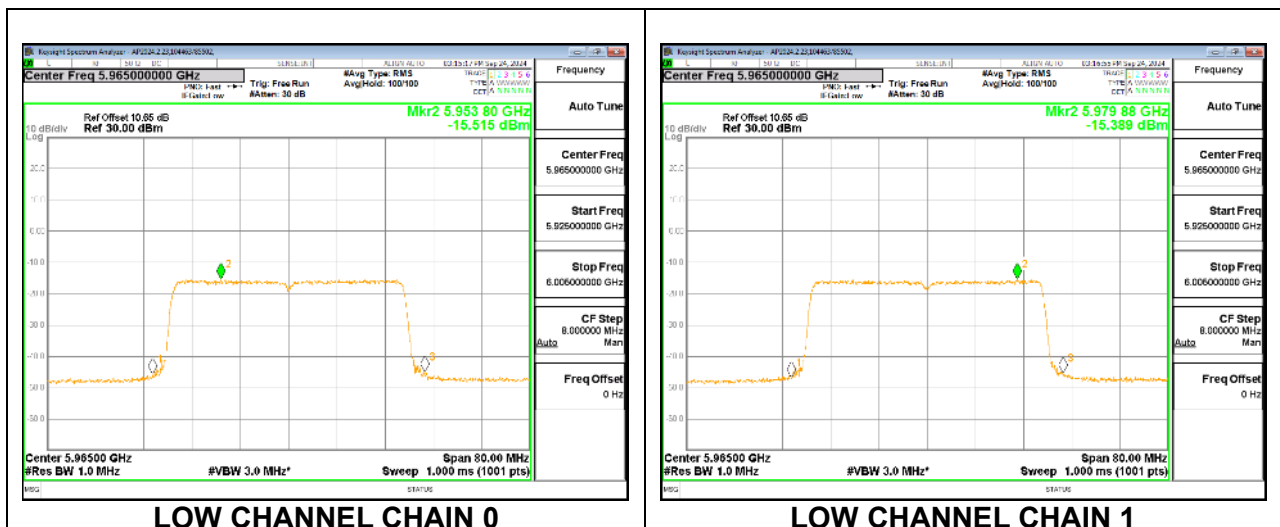
Duty Cycle CF (dB)	0.00	Included in Calculations of PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5965	1.72	1.26	11.81	24.00	-12.19
Mid	6165	1.86	1.10	11.81	24.00	-12.19
High	6405	1.57	-0.19	11.09	24.00	-12.91

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5965	-15.52	-15.39	-2.13	-1.00	-1.13
Mid	6165	-16.68	-16.60	-3.32	-1.00	-2.32
High	6405	-16.98	-16.27	-3.29	-1.00	-2.29



9.2.10. 802.11be EHT80 MODE 2TX IN THE UNII-5 BAND (MID GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	7.30	10.31	30.00	17.00
Mid	6145	7.30	10.31	30.00	17.00
High	6385	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	17.33	16.36	27.18	30.00	-2.82
Mid	6145	17.23	16.31	27.10	30.00	-2.90
High	6385	17.07	16.01	26.88	30.00	-3.12

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	7.30	10.31	24.00	-1.00
Mid	6145	7.30	10.31	24.00	-1.00
High	6385	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	1.64	1.75	12.01	24.00	-11.99
Mid	6145	1.80	1.87	12.15	24.00	-11.85
High	6385	1.56	1.79	11.99	24.00	-12.01

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	7.30	10.31	30.00	17.00
Mid	6145	7.30	10.31	30.00	17.00
High	6385	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	17.07	16.18	26.96	30.00	-3.04
Mid	6145	17.04	16.03	26.87	30.00	-3.13
High	6385	16.82	15.88	26.69	30.00	-3.31

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	7.30	10.31	24.00	-1.00
Mid	6145	7.30	10.31	24.00	-1.00
High	6385	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	1.68	1.76	12.03	24.00	-11.97
Mid	6145	1.81	2.00	12.22	24.00	-11.78
High	6385	1.66	1.90	12.09	24.00	-11.91

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	7.30	10.31	30.00	17.00
Mid	6145	7.30	10.31	30.00	17.00
High	6385	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	17.07	16.14	26.94	30.00	-3.06
Mid	6145	17.07	16.10	26.92	30.00	-3.08
High	6385	16.84	15.79	26.66	30.00	-3.34

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	7.30	10.31	24.00	-1.00
Mid	6145	7.30	10.31	24.00	-1.00
High	6385	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	1.61	1.72	11.98	24.00	-12.02
Mid	6145	1.88	1.98	12.24	24.00	-11.76
High	6385	1.58	1.97	12.09	24.00	-11.91

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T – STANDARD POWER

Test Engineer:	33499/84740, 104463/84740
Test Date:	9/30/2024, 9/24/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	7.30	10.31	30.00	17.00
Mid	6145	7.30	10.31	30.00	17.00
High	6385	7.30	10.31	30.00	17.00

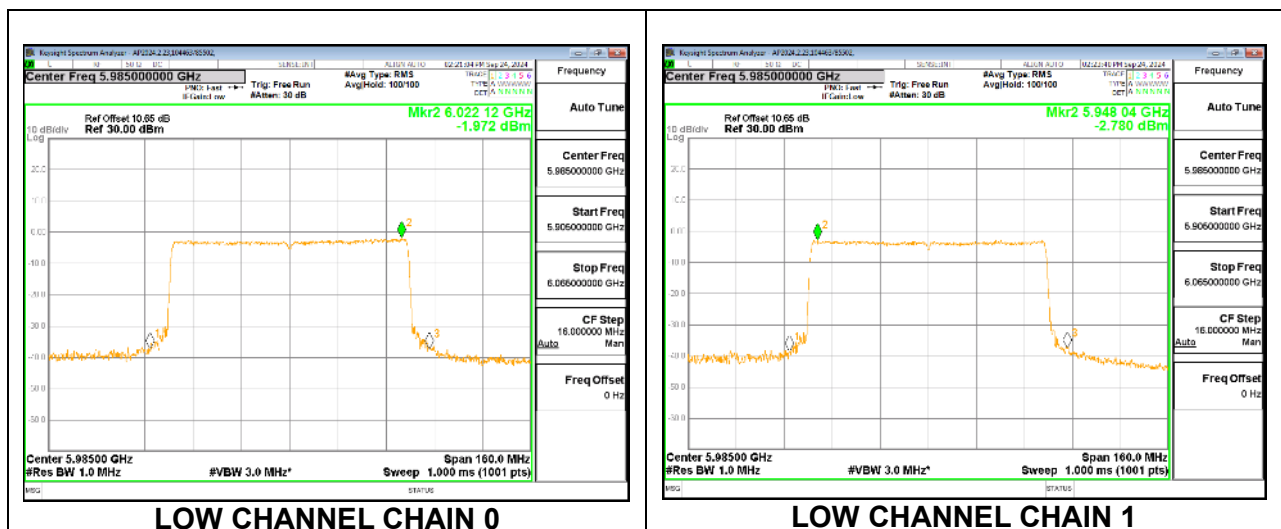
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	14.95	14.12	24.87	30.00	-5.13
Mid	6145	17.31	16.67	27.31	30.00	-2.69
High	6385	18.07	18.17	28.43	30.00	-1.57

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5985	-1.97	-2.78	11.05	17.00	-5.95
Mid	6145	-1.71	-3.16	11.03	17.00	-5.97
High	6385	-2.97	-3.60	10.14	17.00	-6.86



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T – LOW POWER INDOOR

Test Engineer:	33499/84740, 104463/84740
Test Date:	9/30/2024, 9/24/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	7.30	10.31	24.00	-1.00
Mid	6145	7.30	10.31	24.00	-1.00
High	6385	7.30	10.31	24.00	-1.00

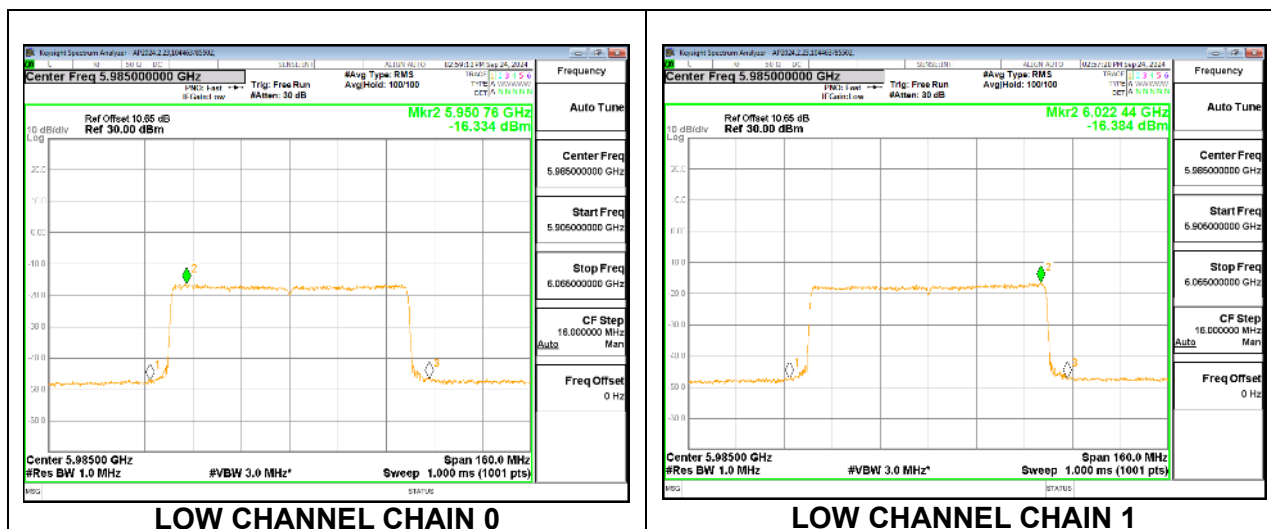
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	5.10	4.49	15.12	24.00	-8.88
Mid	6145	5.06	4.26	14.99	24.00	-9.01
High	6385	4.64	3.99	14.64	24.00	-9.36

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5985	-16.33	-16.38	-2.95	-1.00	-1.95
Mid	6145	-16.70	-16.10	-2.98	-1.00	-1.98
High	6385	-17.41	-16.88	-3.73	-1.00	-2.73



9.2.11. 802.11be EHT160 MODE 2TX IN THE UNII-5 BAND (MID GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	15.18	14.09	24.98	30.00	-5.02
Mid	6185	17.53	16.95	27.56	30.00	-2.44
High	6345	17.25	16.67	27.28	30.00	-2.72

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.22	4.72	15.29	24.00	-8.71
Mid	6185	5.01	4.31	14.98	24.00	-9.02
High	6345	4.70	4.07	14.71	24.00	-9.29

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.79	13.86	24.66	30.00	-5.34
Mid	6185	17.58	16.90	27.56	30.00	-2.44
High	6345	17.20	16.71	27.27	30.00	-2.73

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.53	5.02	15.59	24.00	-8.41
Mid	6185	5.20	4.78	15.31	24.00	-8.69
High	6345	4.92	4.45	15.00	24.00	-9.00

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.78	13.68	24.58	30.00	-5.42
Mid	6185	17.52	16.96	27.56	30.00	-2.44
High	6345	17.20	16.77	27.30	30.00	-2.70

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.74	5.24	15.81	24.00	-8.19
Mid	6185	5.44	4.96	15.52	24.00	-8.48
High	6345	5.22	4.70	15.28	24.00	-8.72

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.23	14.43	24.64	30.00	-5.36
Mid	6185	16.94	16.19	26.89	30.00	-3.11
High	6345	16.60	16.08	26.66	30.00	-3.34

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	3.58	3.92	14.06	24.00	-9.94
Mid	6185	3.53	3.76	13.96	24.00	-10.04
High	6345	3.73	3.76	14.06	24.00	-9.94

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.44	14.01	24.54	30.00	-5.46
Mid	6185	17.06	16.31	27.01	30.00	-2.99
High	6345	16.64	16.06	26.67	30.00	-3.33

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	3.66	4.12	14.21	24.00	-9.79
Mid	6185	3.60	3.64	13.93	24.00	-10.07
High	6345	3.68	3.80	14.05	24.00	-9.95

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.42	13.99	24.52	30.00	-5.48
Mid	6185	17.05	16.34	27.02	30.00	-2.98
High	6345	16.74	16.17	26.77	30.00	-3.23

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	3.66	4.10	14.20	24.00	-9.80
Mid	6185	3.61	3.80	14.02	24.00	-9.98
High	6345	3.70	3.72	14.02	24.00	-9.98

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.44	13.94	24.51	30.00	-5.49
Mid	6185	16.96	16.19	26.90	30.00	-3.10
High	6345	16.62	16.18	26.72	30.00	-3.28

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	3.70	3.84	14.08	24.00	-9.92
Mid	6185	3.50	3.69	13.91	24.00	-10.09
High	6345	3.62	3.76	14.00	24.00	-10.00

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.46	14.07	24.58	30.00	-5.42
Mid	6185	17.02	16.24	26.96	30.00	-3.04
High	6345	16.56	16.14	26.67	30.00	-3.33

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	3.72	4.06	14.20	24.00	-9.80
Mid	6185	3.55	3.73	13.95	24.00	-10.05
High	6345	3.68	3.72	14.01	24.00	-9.99

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.47	13.95	24.53	30.00	-5.47
Mid	6185	16.99	16.20	26.92	30.00	-3.08
High	6345	16.68	16.11	26.71	30.00	-3.29

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	3.68	4.10	14.21	24.00	-9.79
Mid	6185	3.61	3.79	14.01	24.00	-9.99
High	6345	3.74	3.87	14.12	24.00	-9.88

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.47	13.88	24.50	30.00	-5.50
Mid	6185	17.02	16.27	26.97	30.00	-3.03
High	6345	16.56	16.09	26.64	30.00	-3.36

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	3.60	3.98	14.10	24.00	-9.90
Mid	6185	3.49	3.67	13.89	24.00	-10.11
High	6345	3.67	3.85	14.07	24.00	-9.93

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x 996T – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	30.00	17.00
Mid	6185	7.30	10.31	30.00	17.00
High	6345	7.30	10.31	30.00	17.00

Duty Cycle CF (dB)	0.06	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.87	13.80	24.68	30.00	-5.32
Mid	6185	16.35	15.76	26.38	30.00	-3.62
High	6345	18.03	18.19	28.42	30.00	-1.58

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x 996T – LOW POWER INDOOR

Test Engineer:	33499/84740, 104463/84740
Test Date:	9/30/2024, 09/24/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	7.30	10.31	24.00	-1.00
Mid	6185	7.30	10.31	24.00	-1.00
High	6345	7.30	10.31	24.00	-1.00

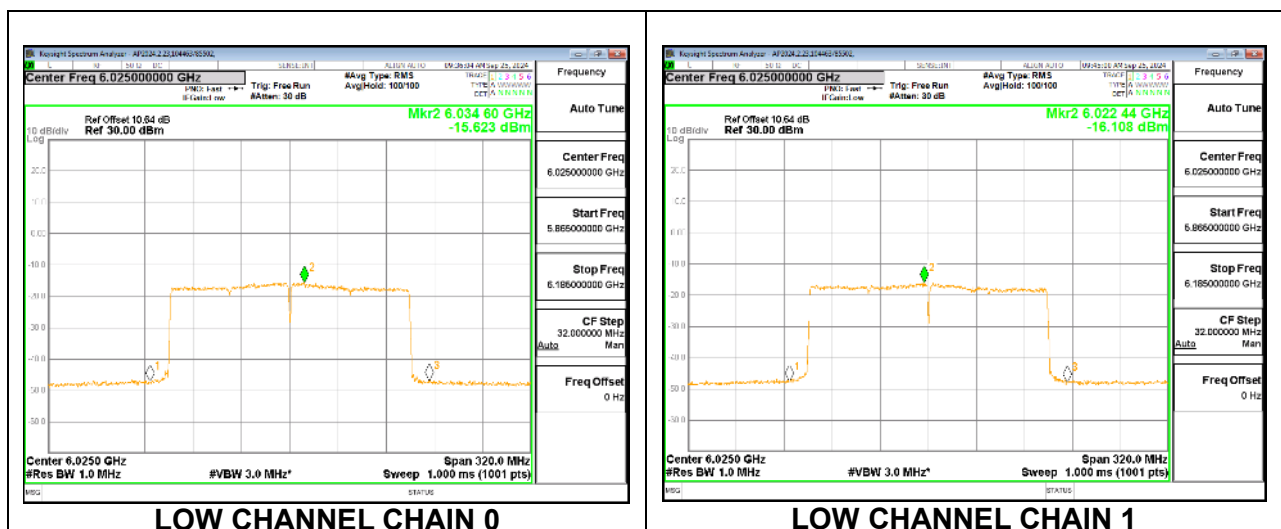
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	6.80	7.23	17.33	24.00	-6.67
Mid	6185	6.58	7.07	17.14	24.00	-6.86
High	6345	6.56	7.04	17.12	24.00	-6.88

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	6025	-15.62	-16.11	-2.54	-1.00	-1.54
Mid	6185	-16.37	-16.52	-3.12	-1.00	-2.12
High	6345	-16.49	-17.03	-3.43	-1.00	-2.43



9.2.12. 802.11be EHT320 MODE 2TX IN THE UNII-5 BAND (MID GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.83	15.06	25.26	30.00	-4.74
High	6265	16.27	15.75	26.33	30.00	-3.67

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	7.12	7.62	17.69	24.00	-6.31
High	6265	6.77	7.19	17.30	24.00	-6.70

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.68	15.06	25.18	30.00	-4.82
High	6265	16.31	15.75	26.35	30.00	-3.65

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	6.93	7.26	17.41	24.00	-6.59
High	6265	6.69	6.94	17.13	24.00	-6.87

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+2x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.65	15.07	25.18	30.00	-4.82
High	6265	16.35	15.65	26.32	30.00	-3.68

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+2x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	7.06	7.49	17.59	24.00	-6.41
High	6265	6.71	7.08	17.21	24.00	-6.79

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.69	15.04	25.18	30.00	-4.82
High	6265	16.34	15.74	26.36	30.00	-3.64

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	7.08	7.52	17.62	24.00	-6.38
High	6265	6.61	7.05	17.15	24.00	-6.85

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.80	15.01	25.22	30.00	-4.78
High	6265	16.35	15.76	26.38	30.00	-3.62

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	7.22	7.61	17.73	24.00	-6.27
High	6265	6.73	6.91	17.13	24.00	-6.87

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.56	13.57	24.40	30.00	-5.60
High	6265	16.33	15.72	26.35	30.00	-3.65

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	6.85	7.33	17.41	24.00	-6.59
High	6265	6.47	6.94	17.02	24.00	-6.98

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.16	13.21	24.02	30.00	-5.98
High	6265	16.19	15.54	26.19	30.00	-3.81

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	6.76	7.49	17.45	24.00	-6.55
High	6265	6.39	6.77	16.89	24.00	-7.11

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.23	13.18	24.05	30.00	-5.95
High	6265	16.14	15.63	26.20	30.00	-3.80

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	6.85	7.43	17.46	24.00	-6.54
High	6265	6.62	6.85	17.05	24.00	-6.95

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.56	13.53	24.39	30.00	-5.61
High	6265	16.21	15.56	26.21	30.00	-3.79

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	7.09	7.44	17.58	24.00	-6.42
High	6265	6.76	6.94	17.16	24.00	-6.84

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.74	15.02	25.19	30.00	-4.81
High	6265	16.28	15.71	26.31	30.00	-3.69

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	6.95	7.40	17.49	24.00	-6.51
High	6265	6.56	7.09	17.14	24.00	-6.86

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+3x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.11	13.15	23.97	30.00	-6.03
High	6265	16.10	15.55	26.14	30.00	-3.86

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+3x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	7.03	7.44	17.55	24.00	-6.45
High	6265	6.53	6.90	17.03	24.00	-6.97

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.31	13.33	24.16	30.00	-5.84
High	6265	16.10	15.51	26.13	30.00	-3.87

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	6.96	7.47	17.53	24.00	-6.47
High	6265	6.68	6.95	17.13	24.00	-6.87

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.16	13.37	24.09	30.00	-5.91
High	6265	16.57	15.92	26.57	30.00	-3.43

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	6.92	7.54	17.55	24.00	-6.45
High	6265	6.69	6.93	17.12	24.00	-6.88

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.19	13.31	24.08	30.00	-5.92
High	6265	16.30	15.75	26.34	30.00	-3.66

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	6.96	7.55	17.58	24.00	-6.42
High	6265	6.54	6.90	17.03	24.00	-6.97

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	14.71	14.97	25.15	30.00	-4.85
High	6265	16.21	15.62	26.24	30.00	-3.76

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	7.00	7.60	17.62	24.00	-6.38
High	6265	6.62	7.12	17.19	24.00	-6.81

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 4x996T – STANDARD POWER

Test Engineer:	33499/84740,
Test Date:	9/30/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	30.00	17.00
High	6265	7.30	10.31	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	16.88	17.23	27.37	30.00	-2.63
High	6265	18.44	18.52	28.79	30.00	-1.21

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 4x996T – LOW POWER INDOOR

Test Engineer:	33499/84740, 104463/84740
Test Date:	9/30/2024, 9/25/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	7.30	10.31	24.00	-1.00
High	6265	7.30	10.31	24.00	-1.00

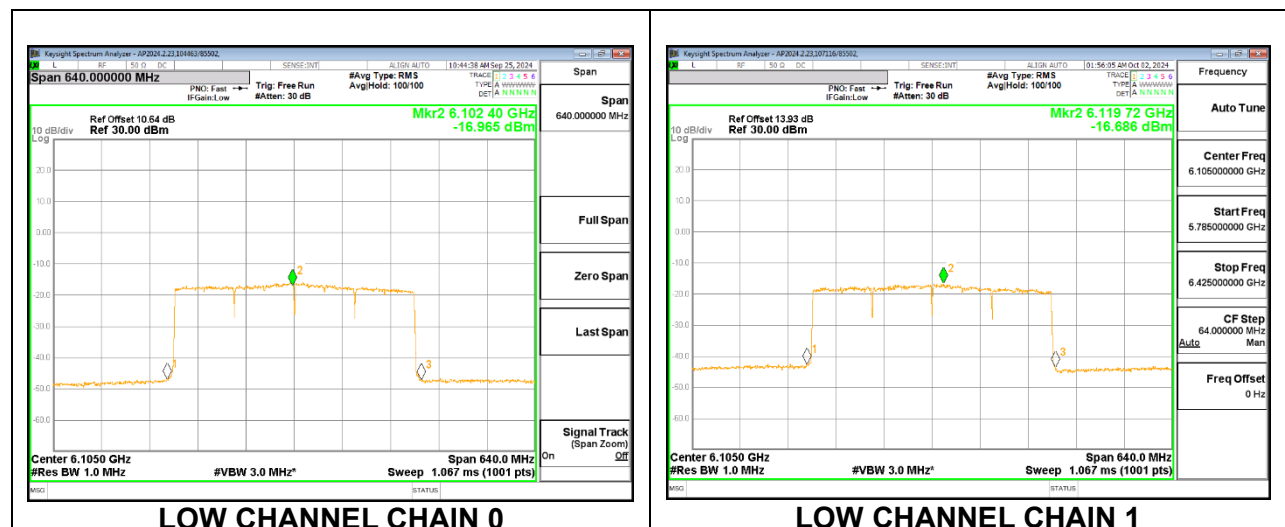
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	10.02	9.97	20.31	24.00	-3.69
High	6265	9.54	9.71	19.94	24.00	-4.06

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	6105	-16.97	-16.69	-3.50	-1.00	-2.50
High	6265	-17.72	-17.84	-4.46	-1.00	-3.46



9.2.13. 802.11a MODE 2TX IN THE UNII-5 BAND (HIGH GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE – STANDARD POWER

Test Engineer:	85502
Test Date:	2024/09/24

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	30.00	17.00
Mid	6175	8.60	11.61	30.00	17.00
High	6415	8.60	11.61	30.00	17.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	13.94	13.69	25.43	30.00	-4.57
Mid	6175	13.85	13.28	25.18	30.00	-4.82
High	6415	13.72	13.18	25.07	30.00	-4.93

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	1.05	0.72	15.51	17.00	-1.49
Mid	6175	1.31	0.85	15.71	17.00	-1.29
High	6415	1.09	0.62	15.48	17.00	-1.52



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE – LOW POWER INDOOR

Test Engineer:	84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	24.00	-1.00
Mid	6175	8.60	11.61	24.00	-1.00
High	6415	8.60	11.61	24.00	-1.00

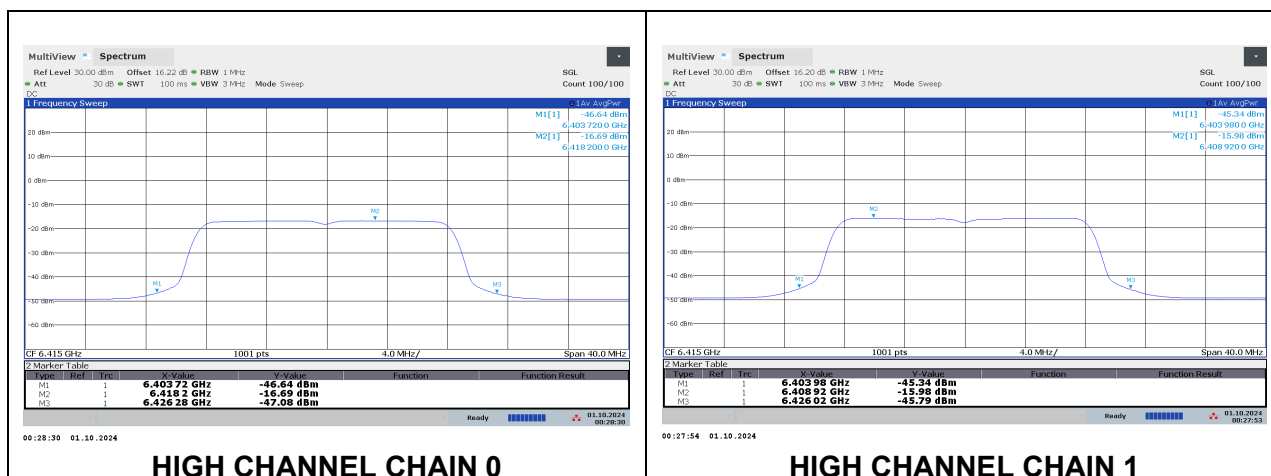
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-4.51	-5.18	6.78	24.00	-17.22
Mid	6175	-4.19	-4.74	7.15	24.00	-16.85
High	6415	-4.19	-4.99	7.04	24.00	-16.96

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-17.16	-16.41	-2.15	-1.00	-1.15
Mid	6175	-17.44	-16.40	-2.27	-1.00	-1.27
High	6415	-16.69	-15.98	-1.70	-1.00	-0.70



9.2.14. 802.11be EHT20 MODE 2TX IN THE UNII-5 BAND (HIGH GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T – STANDARD POWER

Test Engineer:	85502
Test Date:	2024/09/24

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	30.00	17.00
Mid	6175	8.60	11.61	30.00	17.00
High	6415	8.60	11.61	30.00	17.00

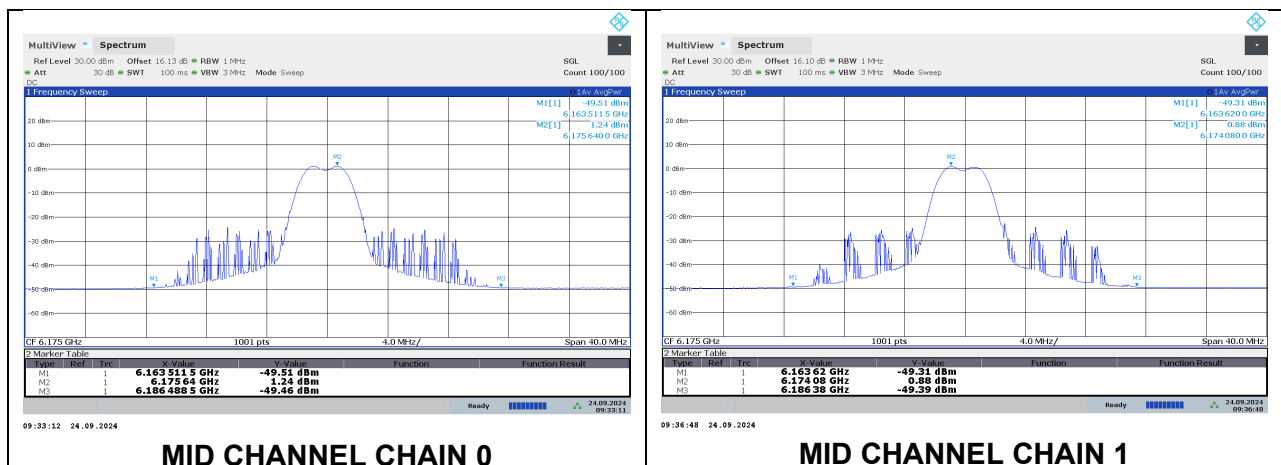
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	5.73	5.41	17.18	30.00	-12.82
Mid	6175	5.60	5.21	17.02	30.00	-12.98
High	6415	5.40	4.74	16.69	30.00	-13.31

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	1.07	0.57	15.45	17.00	-1.55
Mid	6175	1.24	0.88	15.68	17.00	-1.32
High	6415	1.55	0.46	15.66	17.00	-1.34



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T – LOW POWER INDOOR

Test Engineer:	84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	24.00	-1.00
Mid	6175	8.60	11.61	24.00	-1.00
High	6415	8.60	11.61	24.00	-1.00

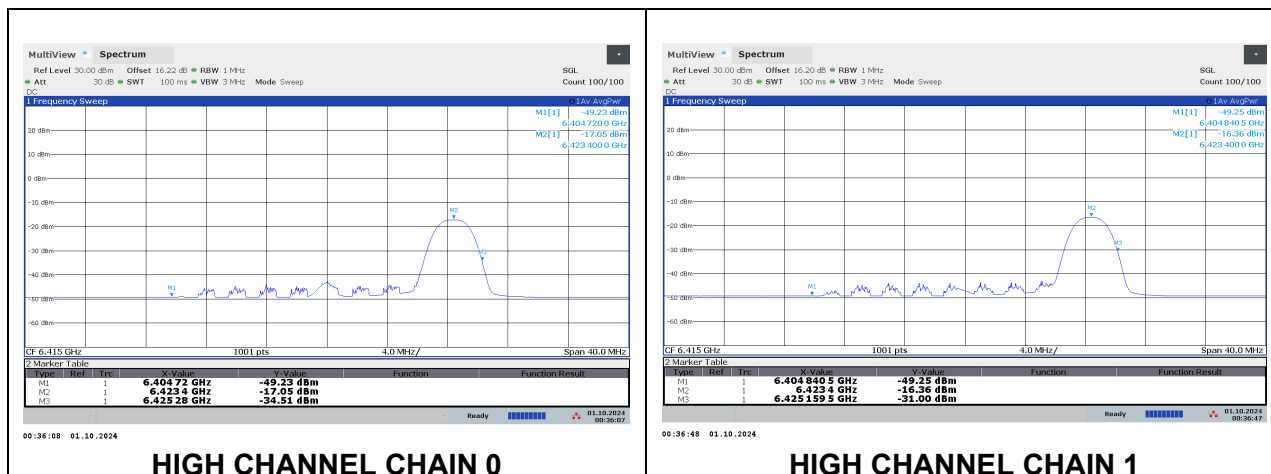
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-12.47	-12.95	-1.09	24.00	-25.09
Mid	6175	-14.07	-13.49	-2.16	24.00	-26.16
High	6415	-12.76	-13.81	-1.64	24.00	-25.64

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-17.52	-16.85	-2.55	-1.00	-1.55
Mid	6175	-19.48	-17.98	-4.05	-1.00	-3.05
High	6415	-17.05	-16.36	-2.07	-1.00	-1.07



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T – STANDARD POWER

Test Engineer:	85502, 84740
Test Date:	2024/09/24

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	30.00	17.00
Mid	6175	8.60	11.61	30.00	17.00
High	6415	8.60	11.61	30.00	17.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	8.94	8.53	20.35	30.00	-9.65
Mid	6175	8.70	8.32	20.12	30.00	-9.88
High	6415	8.72	8.07	20.02	30.00	-9.98

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	1.65	1.31	16.10	17.00	-0.90
Mid	6175	1.62	1.50	16.18	17.00	-0.82
High	6415	1.97	1.03	16.15	17.00	-0.85



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T – LOW POWER INDOOR

Test Engineer:	84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	24.00	-1.00
Mid	6175	8.60	11.61	24.00	-1.00
High	6415	8.60	11.61	24.00	-1.00

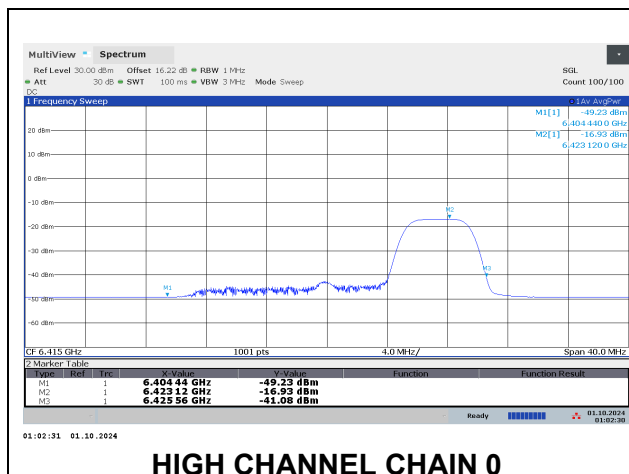
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

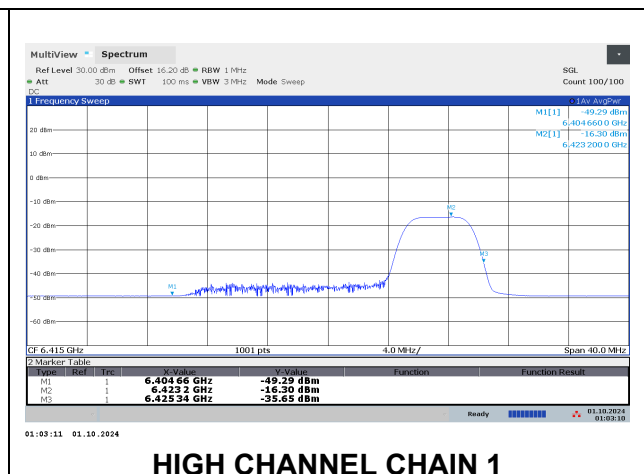
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-9.52	-10.01	1.85	24.00	-22.15
Mid	6175	-11.19	-10.54	0.76	24.00	-23.24
High	6415	-9.87	-10.19	1.58	24.00	-22.42

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-17.42	-16.80	-2.48	-1.00	-1.48
Mid	6175	-18.18	-16.78	-2.80	-1.00	-1.80
High	6415	-16.93	-16.30	-1.98	-1.00	-0.98



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T+26T – STANDARD POWER

Test Engineer:	84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	30.00	17.00
Mid	6175	8.60	11.61	30.00	17.00
High	6415	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	8.79	8.51	20.26	30.00	-9.74
Mid	6175	8.75	8.23	20.11	30.00	-9.89
High	6415	8.74	8.10	20.04	30.00	-9.96

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T+26T – LOW POWER INDOOR

Test Engineer:	84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	24.00	-1.00
Mid	6175	8.60	11.61	24.00	-1.00
High	6415	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-9.73	-10.60	1.47	24.00	-22.53
Mid	6175	-11.50	-10.32	0.74	24.00	-23.26
High	6415	-9.94	-10.24	1.52	24.00	-22.48

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T – STANDARD POWER

Test Engineer:	85502
Test Date:	2024/09/24

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	30.00	17.00
Mid	6175	8.60	11.61	30.00	17.00
High	6415	8.60	11.61	30.00	17.00

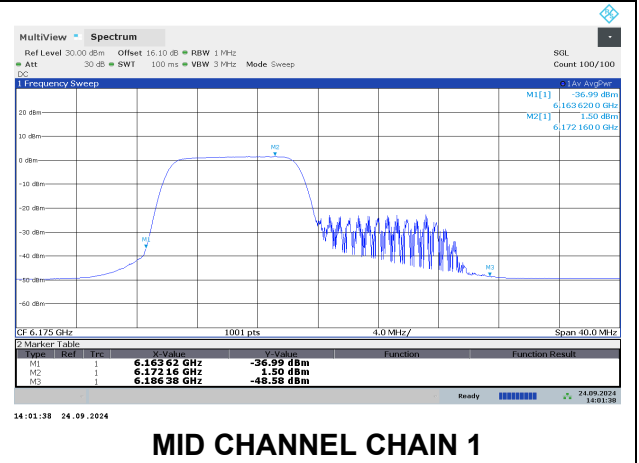
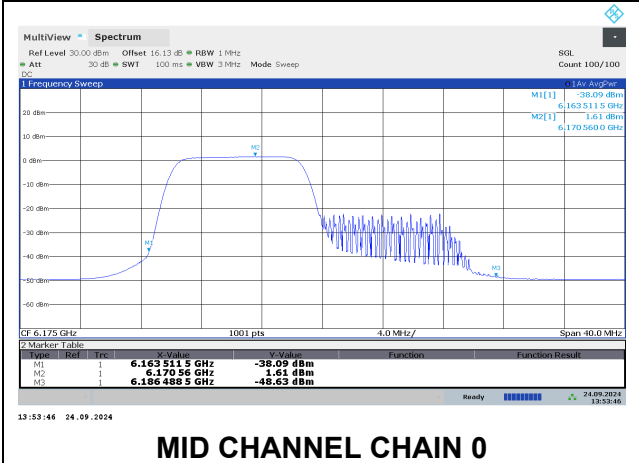
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	10.50	10.30	22.01	30.00	-7.99
Mid	6175	10.31	9.93	21.73	30.00	-8.27
High	6415	11.21	10.56	22.51	30.00	-7.49

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	1.35	1.30	15.95	17.00	-1.05
Mid	6175	1.61	1.50	16.18	17.00	-0.82
High	6415	1.60	0.69	15.79	17.00	-1.21



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T – LOW POWER INDOOR

Test Engineer:	84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	24.00	-1.00
Mid	6175	8.60	11.61	24.00	-1.00
High	6415	8.60	11.61	24.00	-1.00

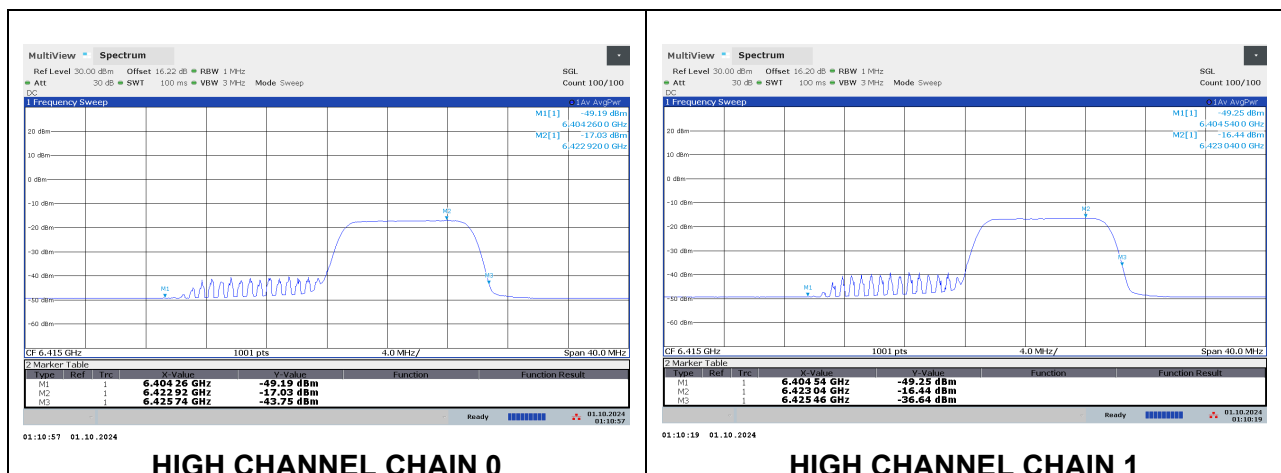
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-6.60	-7.07	4.78	24.00	-19.22
Mid	6175	-7.89	-7.43	3.96	24.00	-20.04
High	6415	-6.85	-7.31	4.54	24.00	-19.46

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-17.57	-16.86	-2.58	-1.00	-1.58
Mid	6175	-17.97	-16.65	-2.64	-1.00	-1.64
High	6415	-17.03	-16.44	-2.10	-1.00	-1.10



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T+26T – STANDARD POWER

Test Engineer:	84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	30.00	17.00
Mid	6175	8.60	11.61	30.00	17.00
High	6415	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	10.05	9.76	21.52	30.00	-8.48
Mid	6175	10.31	9.94	21.74	30.00	-8.26
High	6415	11.24	10.49	22.49	30.00	-7.51

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T+26T – LOW POWER INDOOR

Test Engineer:	84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	24.00	-1.00
Mid	6175	8.60	11.61	24.00	-1.00
High	6415	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-6.69	-7.01	4.76	24.00	-19.24
Mid	6175	-7.88	-7.43	3.96	24.00	-20.04
High	6415	-6.89	-7.31	4.52	24.00	-19.48

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T – STANDARD POWER

Test Engineer:	85502
Test Date:	2024/09/24

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	30.00	17.00
Mid	6175	8.60	11.61	30.00	17.00
High	6415	8.60	11.61	30.00	17.00

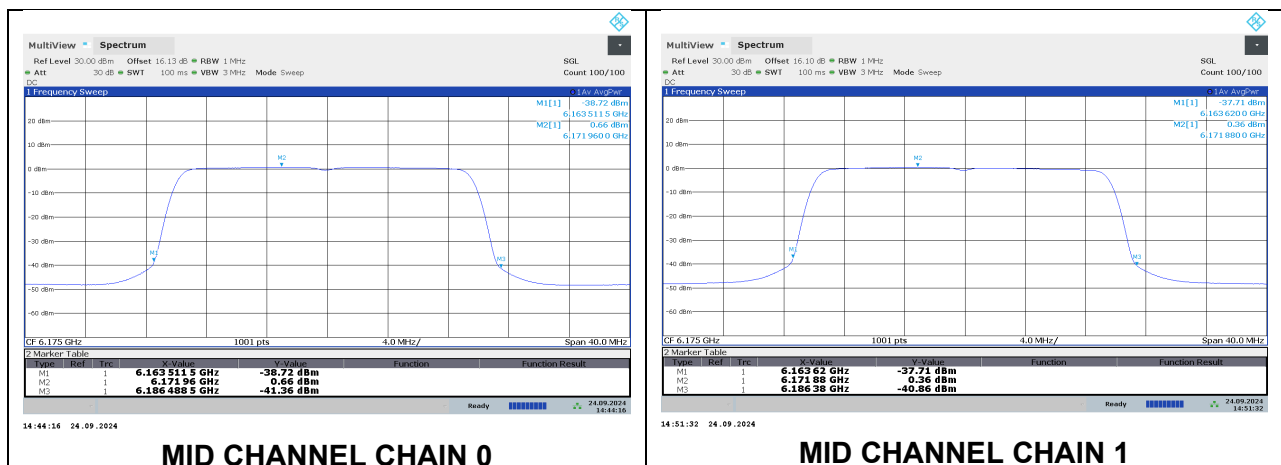
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	14.00	13.75	25.49	30.00	-4.51
Mid	6175	13.82	13.35	25.20	30.00	-4.80
High	6415	13.71	13.12	25.04	30.00	-4.96

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	0.35	0.23	14.91	17.00	-2.09
Mid	6175	0.66	0.36	15.13	17.00	-1.87
High	6415	0.37	-0.01	14.80	17.00	-2.20



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T – LOW POWER INDOOR

Test Engineer:	84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5955	8.60	11.61	24.00	-1.00
Mid	6175	8.60	11.61	24.00	-1.00
High	6415	8.60	11.61	24.00	-1.00

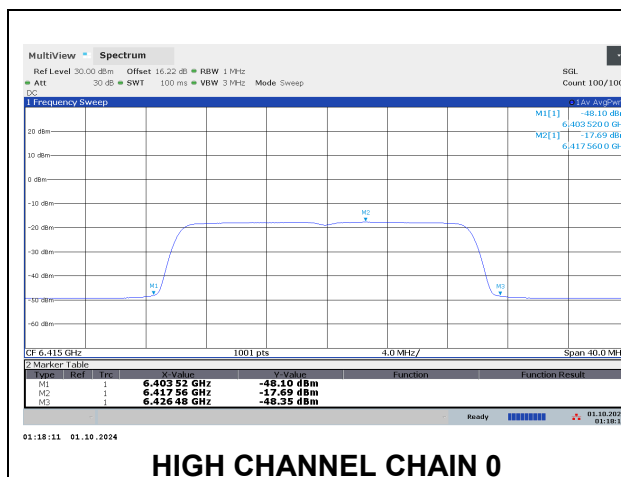
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

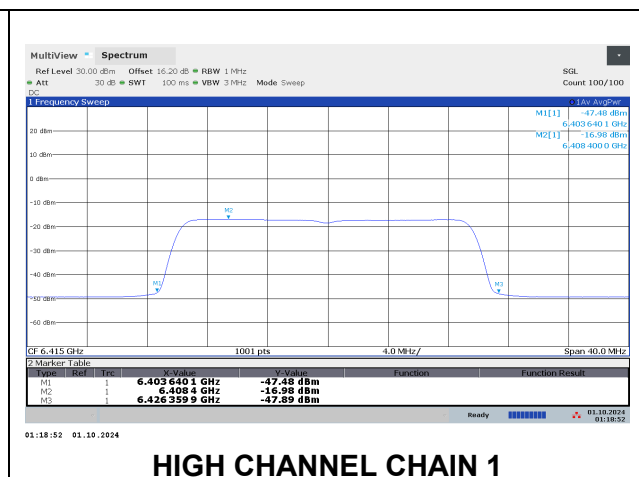
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5955	-3.77	-4.09	7.68	24.00	-16.32
Mid	6175	-4.71	-4.45	7.03	24.00	-16.97
High	6415	-3.99	-0.07	10.01	24.00	-13.99

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5955	-18.15	-17.33	-3.10	-1.00	-2.10
Mid	6175	-18.56	-17.32	-3.28	-1.00	-2.28
High	6415	-17.69	-16.98	-2.70	-1.00	-1.70



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

9.2.15. 802.11be EHT40 MODE 2TX IN THE UNII-5 BAND (HIGH GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T – STANDARD POWER

Test Engineer:	85502
Test Date:	2024/09/24

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5965	8.60	11.61	30.00	17.00
Mid	6165	8.60	11.61	30.00	17.00
High	6405	8.60	11.61	30.00	17.00

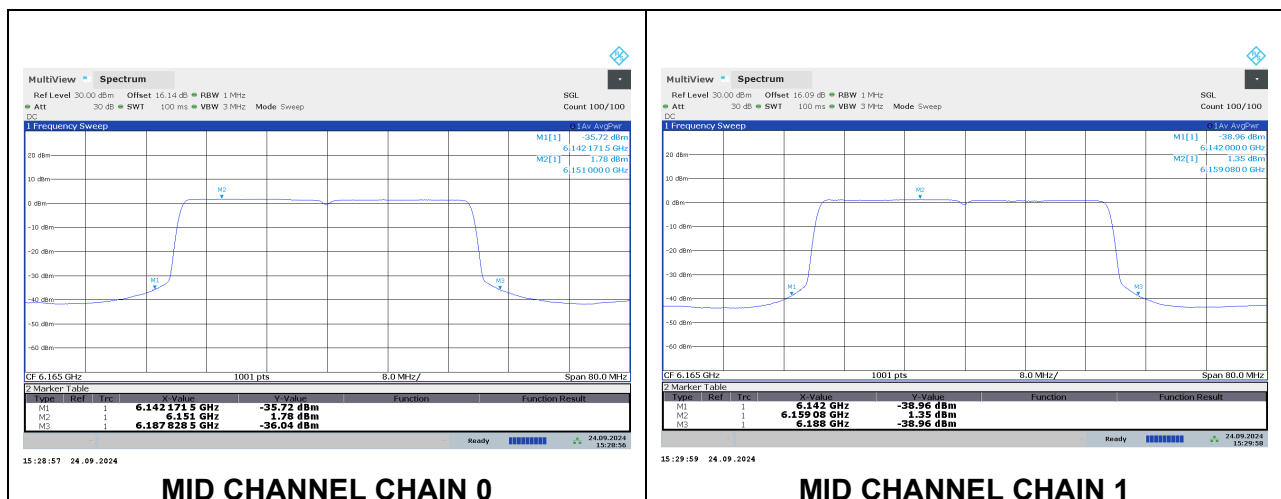
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5965	16.07	15.57	27.44	30.00	-2.56
Mid	6165	17.43	17.09	28.87	30.00	-1.13
High	6405	17.20	16.54	28.49	30.00	-1.51

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5965	1.35	1.43	16.01	17.00	-0.99
Mid	6165	1.78	1.35	16.19	17.00	-0.81
High	6405	1.41	0.99	15.83	17.00	-1.17



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T – LOW POWER INDOOR

Test Engineer:	84740, 33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5965	8.60	11.61	24.00	-1.00
Mid	6165	8.60	11.61	24.00	-1.00
High	6405	8.60	11.61	24.00	-1.00

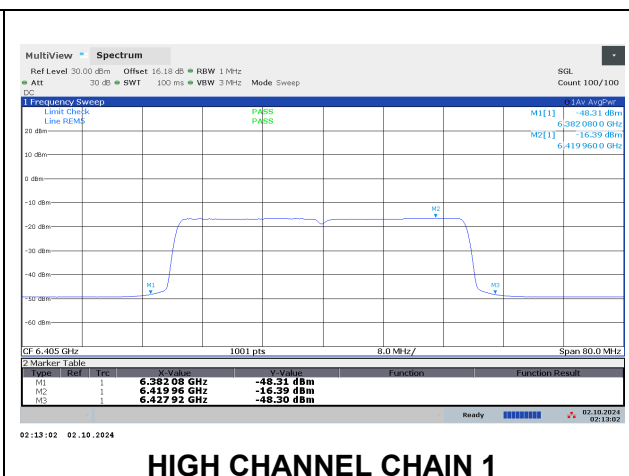
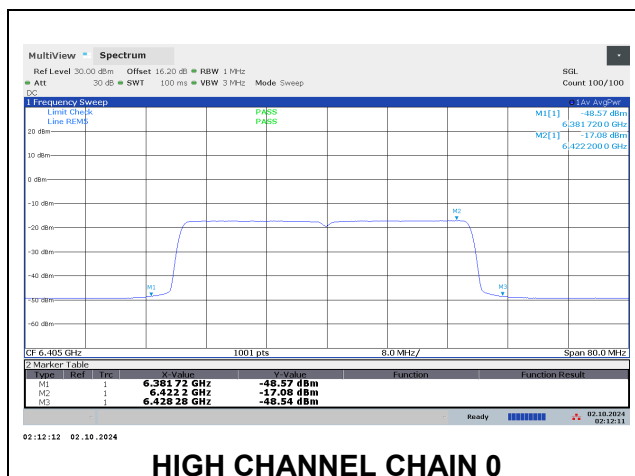
Duty Cycle CF (dB)	0.00	Included in Calculations of PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5965	0.04	-0.31	11.48	24.00	-12.52
Mid	6165	-0.99	-0.76	10.74	24.00	-13.26
High	6405	-0.28	-0.07	11.44	24.00	-12.56

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5965	-17.42	-16.70	-2.43	-1.00	-1.43
Mid	6165	-17.90	-16.87	-2.74	-1.00	-1.74
High	6405	-17.08	-16.39	-2.10	-1.00	-1.10



9.2.16. 802.11be EHT80 MODE 2TX IN THE UNII-5 BAND (HIGH GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	8.60	11.61	30.00	17.00
Mid	6145	8.60	11.61	30.00	17.00
High	6385	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	16.24	15.68	27.58	30.00	-2.42
Mid	6145	17.13	16.90	28.63	30.00	-1.37
High	6385	17.20	17.16	28.79	30.00	-1.21

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	8.60	11.61	24.00	-1.00
Mid	6145	8.60	11.61	24.00	-1.00
High	6385	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	-0.04	-0.30	11.44	24.00	-12.56
Mid	6145	-1.01	-0.75	10.73	24.00	-13.27
High	6385	-0.25	-0.73	11.13	24.00	-12.87

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	8.60	11.61	30.00	17.00
Mid	6145	8.60	11.61	30.00	17.00
High	6385	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	16.31	15.68	27.62	30.00	-2.38
Mid	6145	17.01	16.79	28.51	30.00	-1.49
High	6385	17.50	17.46	29.09	30.00	-0.91

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	8.60	11.61	24.00	-1.00
Mid	6145	8.60	11.61	24.00	-1.00
High	6385	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	-0.04	-0.26	11.46	24.00	-12.54
Mid	6145	-0.91	-0.79	10.76	24.00	-13.24
High	6385	-0.28	-0.61	11.17	24.00	-12.83

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	8.60	11.61	30.00	17.00
Mid	6145	8.60	11.61	30.00	17.00
High	6385	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	16.27	15.62	27.57	30.00	-2.43
Mid	6145	16.93	16.85	28.50	30.00	-1.50
High	6385	17.07	17.02	28.66	30.00	-1.34

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	8.60	11.61	24.00	-1.00
Mid	6145	8.60	11.61	24.00	-1.00
High	6385	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	-0.12	-0.43	11.34	24.00	-12.66
Mid	6145	-0.99	-0.74	10.75	24.00	-13.25
High	6385	-0.25	-0.72	11.13	24.00	-12.87

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T – STANDARD POWER

Test Engineer:	85502
Test Date:	2024/09/24

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	8.60	11.61	30.00	17.00
Mid	6145	8.60	11.61	30.00	17.00
High	6385	8.60	11.61	30.00	17.00

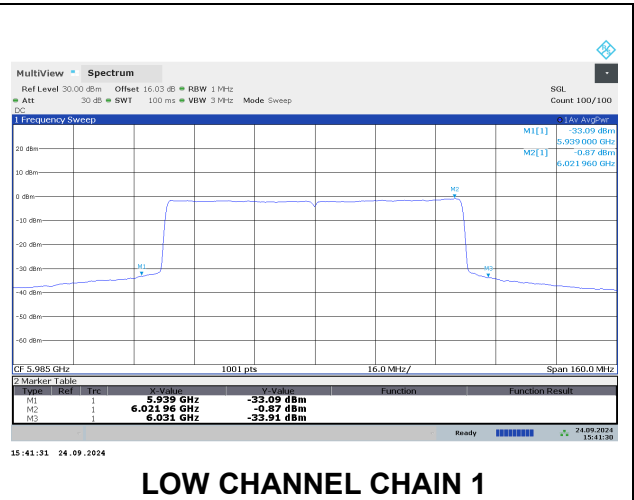
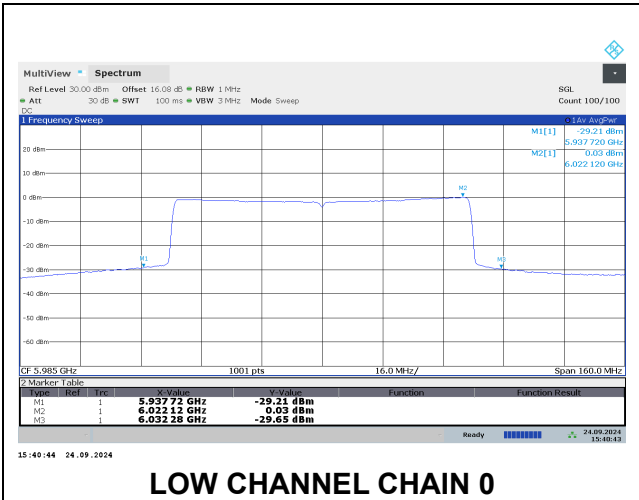
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	14.35	13.68	25.64	30.00	-4.36
Mid	6145	17.31	16.67	28.61	30.00	-1.39
High	6385	18.07	18.17	29.73	30.00	-0.27

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5985	0.03	-0.87	14.31	17.00	-2.69
Mid	6145	-0.59	-0.60	14.12	17.00	-2.88
High	6385	-0.61	-1.26	13.79	17.00	-3.21



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T – LOW POWER INDOOR

Test Engineer:	84740, 33499/84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	5985	8.60	11.61	24.00	-1.00
Mid	6145	8.60	11.61	24.00	-1.00
High	6385	8.60	11.61	24.00	-1.00

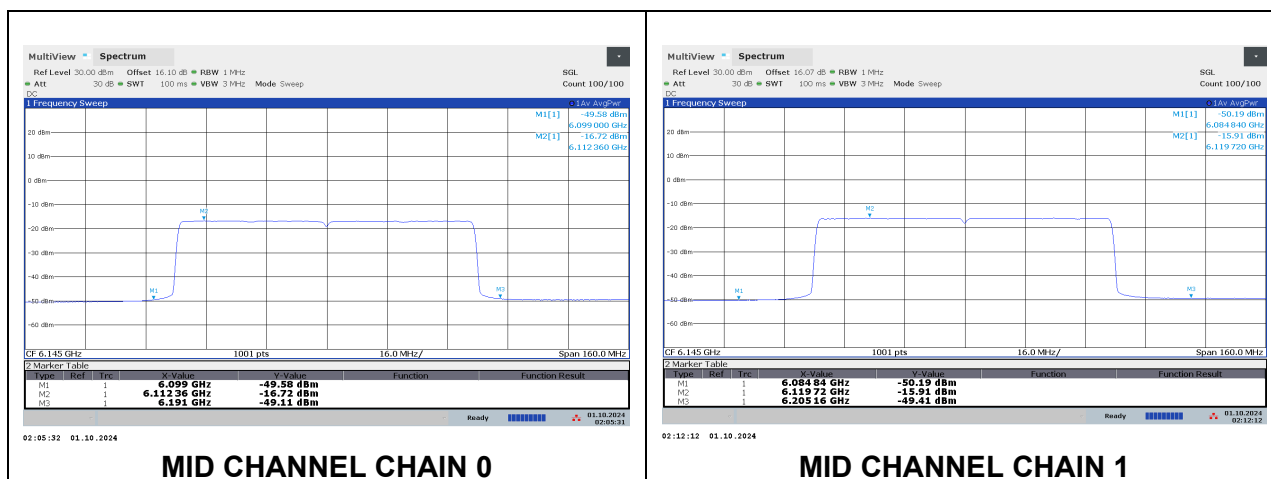
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	5985	2.67	2.39	14.14	24.00	-9.86
Mid	6145	2.79	2.45	14.23	24.00	-9.77
High	6385	2.52	1.95	13.85	24.00	-10.15

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	5985	-16.81	-16.01	-1.68	-1.00	-0.68
Mid	6145	-16.72	-15.91	-1.59	-1.00	-0.59
High	6385	-16.80	-16.06	-1.70	-1.00	-0.70



9.2.17. 802.11be EHT160 MODE 2TX IN THE UNII-5 BAND (HIGH GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.63	13.93	25.90	30.00	-4.10
Mid	6185	17.53	16.95	28.86	30.00	-1.14
High	6345	17.25	16.67	28.58	30.00	-1.42

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	2.31	1.38	13.48	24.00	-10.52
Mid	6185	2.58	1.62	13.74	24.00	-10.26
High	6345	2.40	1.61	13.63	24.00	-10.37

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.71	13.96	25.96	30.00	-4.04
Mid	6185	17.58	16.90	28.86	30.00	-1.14
High	6345	17.20	16.71	28.57	30.00	-1.43

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	2.33	1.41	13.50	24.00	-10.50
Mid	6185	2.60	1.63	13.75	24.00	-10.25
High	6345	2.47	1.66	13.69	24.00	-10.31

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.62	13.92	25.89	30.00	-4.11
Mid	6185	17.52	16.96	28.86	30.00	-1.14
High	6345	17.20	16.77	28.60	30.00	-1.40

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	2.37	1.45	13.54	24.00	-10.46
Mid	6185	2.17	1.15	13.30	24.00	-10.70
High	6345	2.44	1.59	13.65	24.00	-10.35

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.16	13.58	25.49	30.00	-4.51
Mid	6185	16.94	16.19	28.19	30.00	-1.81
High	6345	16.60	16.08	27.96	30.00	-2.04

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	1.97	1.05	13.14	24.00	-10.86
Mid	6185	2.42	1.38	13.54	24.00	-10.46
High	6345	2.32	1.44	13.51	24.00	-10.49

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.16	13.61	25.50	30.00	-4.50
Mid	6185	17.06	16.31	28.31	30.00	-1.69
High	6345	16.64	16.06	27.97	30.00	-2.03

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+242T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	2.47	1.57	13.65	24.00	-10.35
Mid	6185	2.30	1.35	13.46	24.00	-10.54
High	6345	2.17	1.33	13.38	24.00	-10.62

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.17	13.51	25.46	30.00	-4.54
Mid	6185	17.05	16.34	28.32	30.00	-1.68
High	6345	16.74	16.17	28.07	30.00	-1.93

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	2.25	1.37	13.44	24.00	-10.56
Mid	6185	2.08	1.15	13.25	24.00	-10.75
High	6345	2.47	1.71	13.72	24.00	-10.28

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.25	13.61	25.55	30.00	-4.45
Mid	6185	16.96	16.19	28.20	30.00	-1.80
High	6345	16.62	16.18	28.02	30.00	-1.98

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+242T+484T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	2.46	1.53	13.63	24.00	-10.37
Mid	6185	2.39	1.36	13.52	24.00	-10.48
High	6345	2.15	1.37	13.39	24.00	-10.61

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.13	13.58	25.47	30.00	-4.53
Mid	6185	17.02	16.24	28.26	30.00	-1.74
High	6345	16.56	16.14	27.97	30.00	-2.03

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T+484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	2.18	1.24	13.35	24.00	-10.65
Mid	6185	2.40	1.38	13.53	24.00	-10.47
High	6345	2.23	1.33	13.41	24.00	-10.59

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.19	13.66	25.54	30.00	-4.46
Mid	6185	16.99	16.20	28.22	30.00	-1.78
High	6345	16.68	16.11	28.01	30.00	-1.99

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	2.11	1.15	13.27	24.00	-10.73
Mid	6185	2.33	1.35	13.48	24.00	-10.52
High	6345	2.09	1.31	13.33	24.00	-10.67

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	14.16	13.68	25.54	30.00	-4.46
Mid	6185	17.02	16.27	28.27	30.00	-1.73
High	6345	16.56	16.09	27.94	30.00	-2.06

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+242T+996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	2.36	1.47	13.55	24.00	-10.45
Mid	6185	2.20	1.22	13.35	24.00	-10.65
High	6345	2.42	1.67	13.67	24.00	-10.33

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x 996T – STANDARD POWER

Test Engineer:	33499/84740
Test Date:	2024/08/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	30.00	17.00
Mid	6185	8.60	11.61	30.00	17.00
High	6345	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	15.59	14.93	26.88	30.00	-3.12
Mid	6185	16.35	15.76	27.68	30.00	-2.32
High	6345	17.23	16.67	28.57	30.00	-1.43

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x 996T – LOW POWER INDOOR

Test Engineer:	85502, 84740, 33499/84740
Test Date:	2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6025	8.60	11.61	24.00	-1.00
Mid	6185	8.60	11.61	24.00	-1.00
High	6345	8.60	11.61	24.00	-1.00

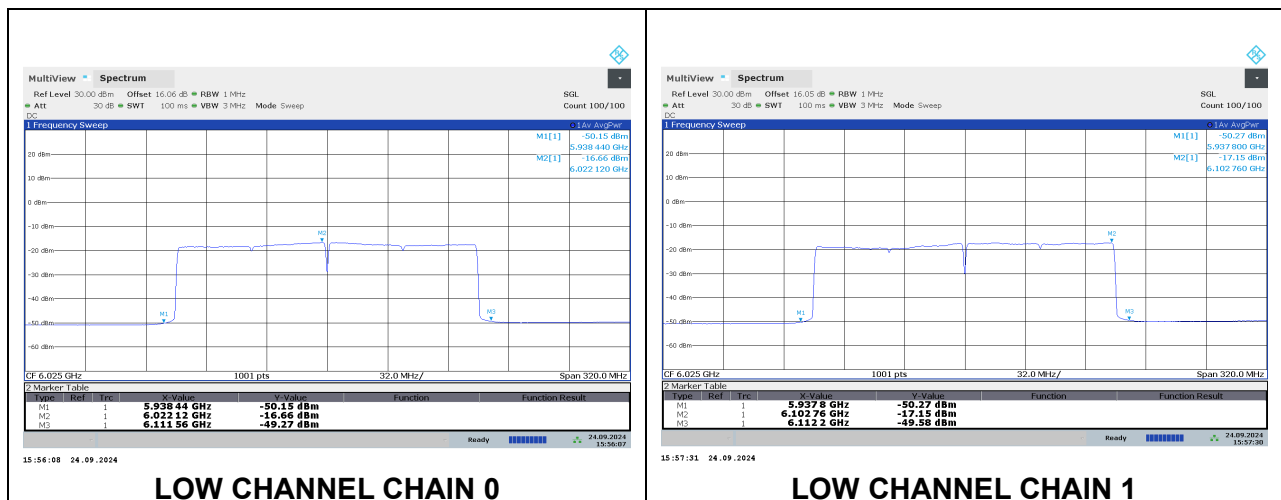
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6025	5.07	4.94	16.62	24.00	-7.38
Mid	6185	5.44	5.23	16.95	24.00	-7.05
High	6345	5.40	5.38	17.00	24.00	-7.00

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	6025	-16.66	-17.15	-2.28	-1.00	-1.28
Mid	6185	-16.87	-17.00	-2.31	-1.00	-1.31
High	6345	-16.58	-17.71	-2.49	-1.00	-1.49



9.2.18. 802.11be EHT320 MODE 2TX IN THE UNII-5 BAND (HIGH GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.69	15.20	27.06	30.00	-2.94
High	6265	16.27	15.75	27.63	30.00	-2.37

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.44	5.39	17.03	24.00	-6.97
High	6265	5.34	5.19	16.88	24.00	-7.12

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.60	15.08	26.96	30.00	-3.04
High	6265	16.31	15.75	27.65	30.00	-2.35

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.39	5.40	17.01	24.00	-6.99
High	6265	5.45	5.18	16.93	24.00	-7.07

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+2x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.51	15.06	26.90	30.00	-3.10
High	6265	16.35	15.65	27.62	30.00	-2.38

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+2x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.38	5.39	17.00	24.00	-7.00
High	6265	5.36	5.16	16.87	24.00	-7.13

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.59	15.15	26.99	30.00	-3.01
High	6265	16.34	15.74	27.66	30.00	-2.34

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.37	5.48	17.04	24.00	-6.96
High	6265	5.34	5.08	16.82	24.00	-7.18

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.59	15.07	26.95	30.00	-3.05
High	6265	16.35	15.76	27.68	30.00	-2.32

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.40	5.34	16.98	24.00	-7.02
High	6265	5.37	5.12	16.86	24.00	-7.14

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.61	15.24	27.04	30.00	-2.96
High	6265	16.33	15.72	27.65	30.00	-2.35

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.36	5.50	17.04	24.00	-6.96
High	6265	5.34	5.07	16.82	24.00	-7.18

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.54	15.11	26.94	30.00	-3.06
High	6265	16.19	15.54	27.49	30.00	-2.51

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.46	5.49	17.09	24.00	-6.91
High	6265	5.35	5.08	16.83	24.00	-7.17

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.71	15.11	27.03	30.00	-2.97
High	6265	16.14	15.63	27.50	30.00	-2.50

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.36	5.47	17.03	24.00	-6.97
High	6265	5.28	5.15	16.83	24.00	-7.17

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.82	15.37	27.21	30.00	-2.79
High	6265	16.21	15.56	27.51	30.00	-2.49

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.38	5.36	16.98	24.00	-7.02
High	6265	5.30	5.06	16.79	24.00	-7.21

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.57	15.16	26.98	30.00	-3.02
High	6265	16.28	15.71	27.61	30.00	-2.39

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 3x996T+484T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.39	5.42	17.02	24.00	-6.98
High	6265	5.43	5.20	16.93	24.00	-7.07

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+3x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.63	15.25	27.05	30.00	-2.95
High	6265	16.10	15.55	27.44	30.00	-2.56

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T+3x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.35	5.39	16.98	24.00	-7.02
High	6265	5.31	5.18	16.86	24.00	-7.14

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.82	15.33	27.19	30.00	-2.81
High	6265	16.10	15.51	27.43	30.00	-2.57

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.28	5.30	16.90	24.00	-7.10
High	6265	5.35	5.09	16.83	24.00	-7.17

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.55	15.04	26.91	30.00	-3.09
High	6265	16.57	15.92	27.87	30.00	-2.13

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T+484T+2x996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.38	5.31	16.96	24.00	-7.04
High	6265	5.32	5.08	16.81	24.00	-7.19

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.59	15.02	26.92	30.00	-3.08
High	6265	16.30	15.75	27.64	30.00	-2.36

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.28	5.47	16.99	24.00	-7.01
High	6265	5.40	5.13	16.88	24.00	-7.12

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS 2) – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	15.27	14.90	26.70	30.00	-3.30
High	6265	16.21	15.62	27.54	30.00	-2.46

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T+484T+996T (NON-CONTIGUOUS 2) – LOW POWER INDOOR

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	5.43	5.48	17.07	24.00	-6.93
High	6265	5.29	5.06	16.79	24.00	-7.21

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 4x996T – STANDARD POWER

Test Engineer:	33499/84740, 105900/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	30.00	17.00
High	6265	8.60	11.61	30.00	17.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	17.25	16.88	28.68	30.00	-1.32
High	6265	16.94	16.44	28.31	30.00	-1.69

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 4x996T – LOW POWER INDOOR

Test Engineer:	84740, 33499/84740
Test Date:	2024/08/01-2024/10/01

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	PSD Limit (dBm)
Low	6105	8.60	11.61	24.00	-1.00
High	6265	8.60	11.61	24.00	-1.00

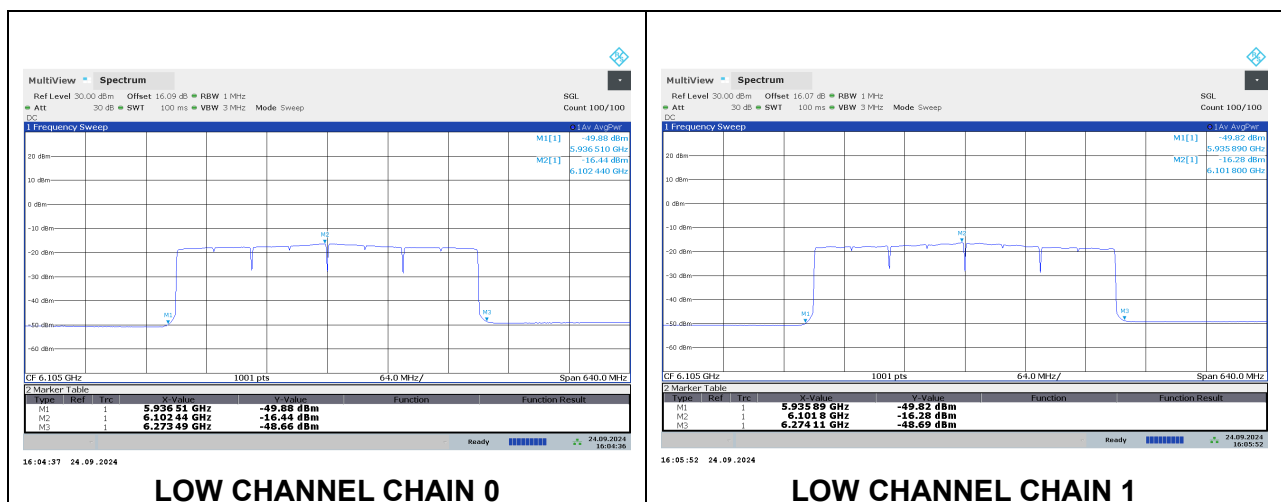
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6105	7.96	7.81	19.50	24.00	-4.50
High	6265	7.55	7.40	19.09	24.00	-4.91

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	6105	-16.44	-16.28	-1.74	-1.00	-0.74
High	6265	-16.91	-16.41	-2.03	-1.00	-1.03



9.2.19. 802.11a MODE 2TX IN THE UNII-6 BAND (LOW GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE – LOW POWER INDOOR

Test Engineer:	104412/84740, 105900/84740
Test Date:	9/19/2024, 8/6/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6435	5.20	8.21	24.00	-1.00
Mid	6475	5.20	8.21	24.00	-1.00
High	6515	5.20	8.21	24.00	-1.00

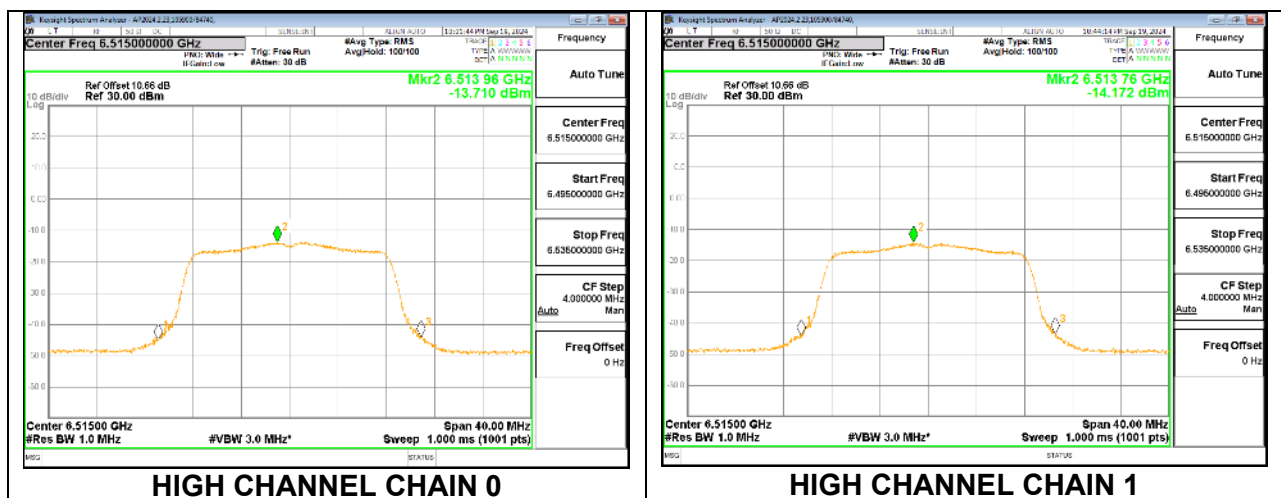
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6435	-0.65	-1.52	7.15	24.00	-16.85
Mid	6475	-0.61	-1.55	7.16	24.00	-16.84
High	6515	-1.06	-1.99	6.71	24.00	-17.29

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	6435	-14.21	-14.70	-3.23	-1.00	-2.23
Mid	6475	-13.73	-14.45	-2.85	-1.00	-1.85
High	6515	-13.71	-14.17	-2.71	-1.00	-1.71



9.2.20. 802.11be EHT20 MODE 2TX IN THE UNII-6 BAND (LOW GAIN)

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T – LOW POWER INDOOR

Test Engineer:	104412/84740, 105900/84740
Test Date:	9/19/2024, 8/6/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6435	5.20	8.21	24.00	-1.00
Mid	6475	5.20	8.21	24.00	-1.00
High	6515	5.20	8.21	24.00	-1.00

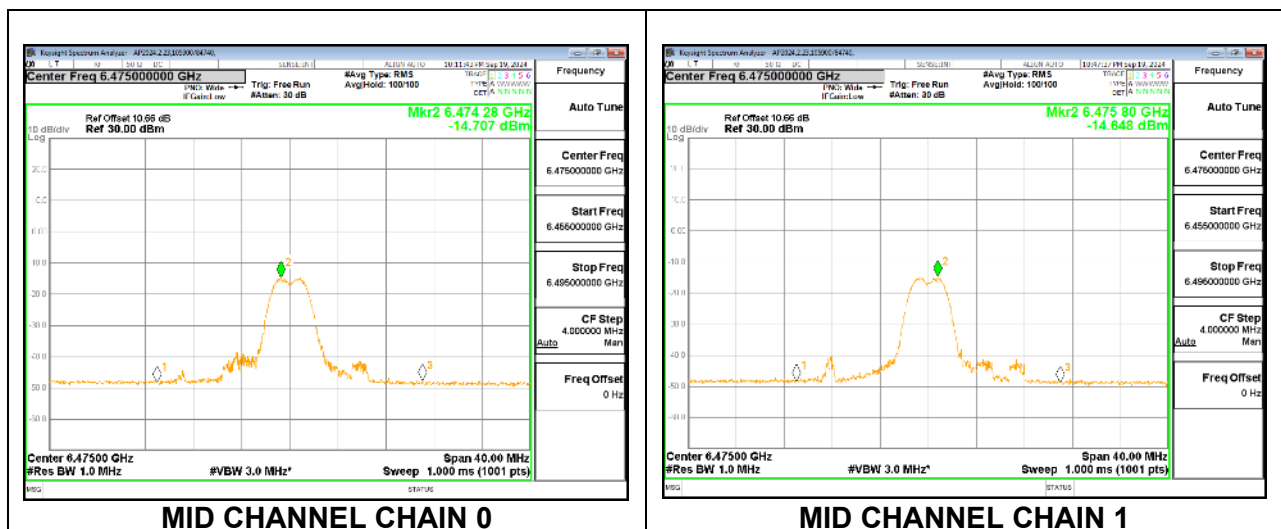
Duty Cycle CF (dB)		Included in Calculations of Corr'd PSD	
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6435	-8.74	-9.37	-0.83	24.00	-24.83
Mid	6475	-8.67	-9.21	-0.72	24.00	-24.72
High	6515	-8.98	-9.95	-1.23	24.00	-25.23

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	6435	-15.81	-16.48	-4.91	-1.00	-3.91
Mid	6475	-14.71	-14.65	-3.46	-1.00	-2.46
High	6515	-15.31	-15.77	-4.31	-1.00	-3.31



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T – LOW POWER INDOOR

Test Engineer:	104412/84740, 105900/84740
Test Date:	9/19/2024, 8/6/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6435	5.20	8.21	24.00	-1.00
Mid	6475	5.20	8.21	24.00	-1.00
High	6515	5.20	8.21	24.00	-1.00

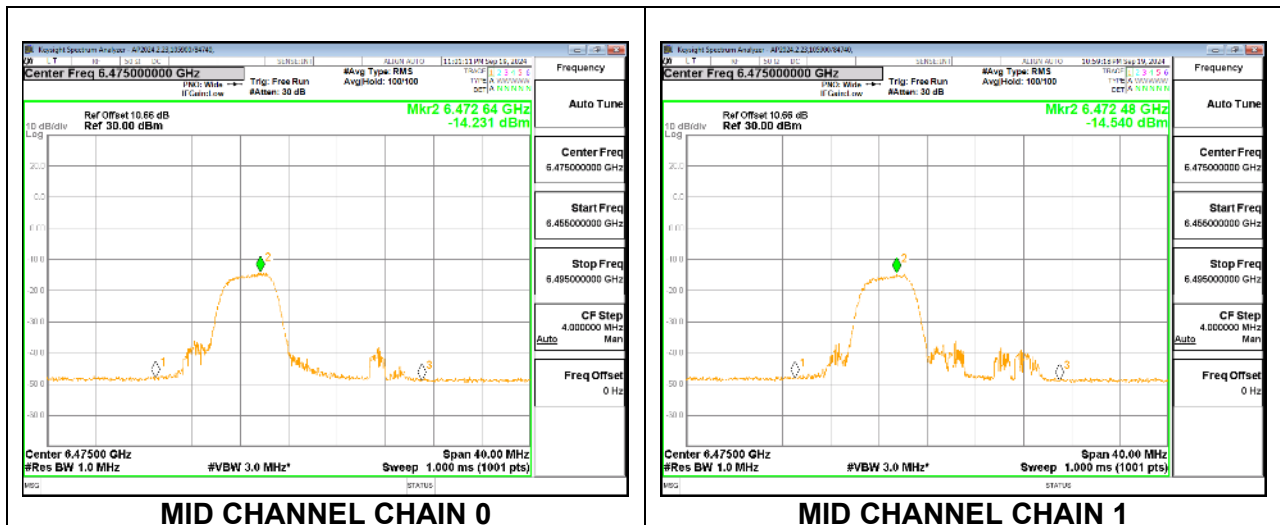
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6435	-5.76	-6.59	2.06	24.00	-21.94
Mid	6475	-5.95	-6.67	1.92	24.00	-22.08
High	6515	-5.88	-6.70	1.94	24.00	-22.06

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Total Corr'd EIRP PSD (dBm)	PSD Limit EIRP (dBm)	PSD Margin (dB)
Low	6435	-15.72	-16.26	-4.76	-1.00	-3.76
Mid	6475	-14.23	-14.54	-3.16	-1.00	-2.16
High	6515	-15.52	-16.06	-4.56	-1.00	-3.56



2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T+26T – LOW POWER INDOOR

Test Engineer:	104412/84740
Test Date:	8/6/2024

Bandwidth, Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	e.i.r.p. Power Limit (dBm)	PSD Limit (dBm)
Low	6435	5.20	8.21	24.00	-1.00
Mid	6475	5.20	8.21	24.00	-1.00
High	6515	5.20	8.21	24.00	-1.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd EIRP (dBm)	Power Limit EIRP (dBm)	Power Margin (dB)
Low	6435	-5.93	-6.63	1.94	24.00	-22.06
Mid	6475	-5.89	-6.66	1.95	24.00	-22.05
High	6515	-5.68	-6.85	1.98	24.00	-22.02