

TEST REPORT

Report Number: R15566021-E2

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

Model : HWB-Q94

FCC ID : C3K00002101

IC : 3048A-00002101

EUT Description : Wireless Module

Test Standard(s) : FCC 47 CFR Part 15 Subpart E: 2025
ISED RSS-247 Issue 3:2023
ISED RSS-GEN Issue 5 +A1+A2:2021

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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
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1. ATTESTATION OF TEST RESULTS

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

EUT DESCRIPTION: Wireless Module

MODEL: HWB-Q94

SERIAL NUMBER: 075AO4,1083O4

SAMPLE RECEIPT DATE: 2024-06-20 TO 2024-12-17

DATE TESTED: 2024-11-07 TO 2025-02-12

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 Part 15 Subpart E: 2024	Refer to Section 2
ISED RSS-247 Issue 3: 2023	Refer to Section 2
ISED RSS-GEN Issue 5+A1+A2: 2021	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.

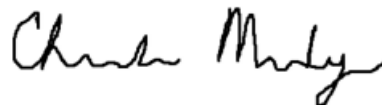
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2. TEST RESULT SUMMARY

This report contains data/info provided by the customer which can impact the validity of results. UL LLC is only responsible for the validity of results after the integration of the data provided by the customer.

Below is a list of the data/info provided by the customer:

- 1) Antenna gain and type (see section 6.3)
- 2) Worst-case data rates (see section 6.5)

FCC Clause	ISED Clause	Requirement	Result	Comment
See Comment		Duty Cycle	Reporting purposes only	Per ANSI C63.10, Section 12.2.
See Comment	RSS-GEN 6.7	26dB BW/99% OBW	Not Performed	See Note 1
15.407 (e)	RSS-247 6.2.4.1	6 dB BW		
15.407 (a) (1-3), (h) (1)	RSS-247 6.2	Output Power	Compliant	
15.407 (a) (1-3)	RSS-247 6.2	PSD	See Comment	
15.209, 15.205, 15.407 (b)	RSS-GEN 8.9, 8.10, RSS-247 6.2	Radiated Emissions	See Comment	
15.207	RSS-Gen 8.8	AC Mains Conducted Emissions	NA	None.

NOTE 1: This report covers a Class 2 Permissive Change to a radio module that has implemented the addition of a Coex Filter. For this report, only spotchecks on PSD, Radiated Spurious Emissions, Bandedge, and full power remeasurements were performed. These spotchecks were all found to be compliant. Some modes required additional power tuning to be performed. The remaining conducted testing and full radiated emissions testing was not required for the retest and can be found in UL report R15374786-E5.

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,
- FCC KDB 414788 D01 Radiated Test Site v01r01
- FCC KDB 291074 D02 EMC Measurement V01
- ANSI C63.10-2020

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%.

5.4. SAMPLE CALCULATION

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 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

RESTRICTED BANDEDGE CALCULATION

Where relevant, the following sample calculation is provided:

Summed EIRP (dBm) = $10\log(10^{[(\text{Chain 0 reading})/10]} + 10^{[(\text{Chain 1 reading})/10]}) + \text{Correlated Gain}$

Field Strength (dBuV/m) = Summed EIRP (dBm) – $20\log(\text{measurement distance}) + 104.8$ where measurement distance is 3 meters

Ex: C0 = -46.63 dBm, C1 = -50.04 dBm Gain = 8.21 dBi

$10\log(10^{(-46.63/10)} + 10^{(-50.04/10)}) + 8.21 - 20\log(3) + 104.8 = 58.47 \text{ dBuV/m}$

6. EQUIPMENT UNDER TEST

6.1. EUT DESCRIPTION

The EUT is a Wireless Module. This report covers the emissions testing of the 5 WLAN radio. The module has two versions, with minor differences in the digital circuitry to interface with either x86 (Q94 version) or ARM (Q93 version) processors. Preliminary testing identified that these changes have no impact on the rf performance related to Part 15 C and 15 E. Testing in this report to validate the proposed addition of coexistence filters to both versions of the module was performed on the Q94 version.

6.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum conducted output power as follows:

5.2GHz BAND IC Maximum EIRP

Low gain	Mid gain	High gain	Mode
19.62	17.66	19.06	802.11a
19.61	17.63	19.07	802.11n HT20
20.03	19.13	20.11	802.11n HT40
21.12	20.72	22.07	802.11ac VHT80
19.51	19.39	19.27	802.11ac VHT160
19.62	18.9	19.59	802.11be EHT20
19.67	19.56	20.15	802.11be EHT40
19.25	20.02	22.16	802.11be EHT80
19.51	21.34	20.28	802.11be EHT160

5GHz BAND (Low Gain)

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
5.2GHz Band, 2Tx, Low Gain			
5180-5240	802.11a	19.07	80.72
5180-5240	802.11n HT20	19.48	88.72
5190-5230	802.11n HT40	18.06	63.97
5210	802.11ac VHT80	15.92	39.08
5250	802.11ac VHT160	14.31	26.98
5180-5240	802.11be EHT20	19.60	91.20
5190-5230	802.11be EHT40	17.06	50.82
5210	802.11be EHT80	14.91	30.97
5250	802.11be EHT160	14.31	26.98
5.3GHz Band, 2Tx, Low Gain			
5260-5320	802.11a	19.56	90.36
5260-5320	802.11n HT20	20.45	110.92
5270-5310	802.11n HT40	19.29	84.92
5290	802.11ac VHT80	16.60	45.71
5260-5320	802.11be EHT20	19.39	86.90
5270-5310	802.11be EHT40	16.25	42.17
5290	802.11be EHT80	15.75	37.58
5.6GHz Band, 2Tx, Low Gain			
5500-5720	802.11a	18.81	76.03
5500-5720	802.11n HT20	18.74	74.82
5510-5710	802.11n HT40	17.98	62.81
5530-5690	802.11ac VHT80	18.81	76.03
5570	802.11ac VHT160	12.79	19.01
5500-5720	802.11be EHT20	18.39	69.02
5510-5710	802.11be EHT40	18.48	70.47
5530-5690	802.11be EHT80	17.58	57.28
5570	802.11be EHT160	13.64	23.12
5.8GHz Band, 2Tx, Low Gain			
5745-5825	802.11a	24.01	251.77
5745-5825	802.11n HT20	23.92	246.60
5755-5795	802.11n HT40	21.00	125.89
5775	802.11ac VHT80	19.33	85.70
5815	802.11ac VHT160	19.46	88.31
5745-5825	802.11be EHT20	23.45	221.31
5755-5795	802.11be EHT40	20.39	109.40
5775	802.11be EHT80	18.64	73.11
5815	802.11be EHT160	22.90	194.98
5.9GHz Band, 2Tx, Low Gain			
5845-5885	802.11a	22.81	190.99
5845-5885	802.11n HT20	22.98	198.61
5835-5875	802.11n HT40	26.15	412.10
5855	802.11ac VHT80	27.04	505.82
5845-5885	802.11be EHT20	23.26	211.84
5835-5875	802.11be EHT40	26.01	399.02
5855	802.11be EHT80	26.00	398.11

5GHz BAND (Mid Gain)

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
5.2GHz Band, 2Tx, Mid Gain			
5180-5240	802.11a	16.73	47.10
5180-5240	802.11n HT20	16.72	46.99
5190-5230	802.11n HT40	18.38	68.87
5210	802.11ac VHT80	14.82	30.34
5250	802.11ac VHT160	13.48	22.28
5180-5240	802.11be EHT20	17.57	57.15
5190-5230	802.11be EHT40	17.77	59.84
5210	802.11be EHT80	14.96	31.33
5250	802.11be EHT160	14.04	25.35
5.3GHz Band, 2Tx, Mid Gain			
5260-5320	802.11a	17.52	56.49
5260-5320	802.11n HT20	16.97	49.77
5270-5310	802.11n HT40	18.21	66.22
5290	802.11ac VHT80	15.77	37.76
5260-5320	802.11be EHT20	16.96	49.66
5270-5310	802.11be EHT40	14.96	31.33
5290	802.11be EHT80	14.98	31.48
5.6GHz Band, 2Tx, Mid Gain			
5500-5720	802.11a	17.99	62.95
5500-5720	802.11n HT20	17.74	59.43
5510-5710	802.11n HT40	17.95	62.37
5530-5690	802.11ac VHT80	17.42	55.21
5570	802.11ac VHT160	10.54	11.32
5500-5720	802.11be EHT20	18.23	66.53
5510-5710	802.11be EHT40	17.98	62.81
5530-5690	802.11be EHT80	17.41	55.08
5570	802.11be EHT160	11.93	15.60
5.8GHz Band, 2Tx, Mid Gain			
5745-5825	802.11a	24.01	251.77
5745-5825	802.11n HT20	23.92	246.60
5755-5795	802.11n HT40	20.03	100.69
5775	802.11ac VHT80	18.37	68.71
5815	802.11ac VHT160	21.75	149.62
5745-5825	802.11be EHT20	23.45	221.31
5755-5795	802.11be EHT40	19.85	96.61
5775	802.11be EHT80	18.64	73.11
5815	802.11be EHT160	25.00	316.23
5.9GHz Band, 2Tx, Mid Gain			
5845-5885	802.11a	24.00	251.19
5845-5885	802.11n HT20	23.94	247.74
5835-5875	802.11n HT40	27.19	523.60
5855	802.11ac VHT80	27.64	580.76
5845-5885	802.11be EHT20	24.95	312.61
5835-5875	802.11be EHT40	27.40	549.54
5855	802.11be EHT80	27.94	622.30

5GHz BAND (High Gain)

Frequency Range (MHz)	Mode	Output Power (dBm)	Output Power (mW)
5.2GHz Band, 2Tx, High Gain			
5180-5240	802.11a	16.49	44.57
5180-5240	802.11n HT20	17.07	50.93
5190-5230	802.11n HT40	16.03	40.09
5210	802.11ac VHT80	14.43	27.73
5250	802.11ac VHT160	10.71	11.78
5180-5240	802.11be EHT20	16.14	41.11
5190-5230	802.11be EHT40	16.62	45.92
5210	802.11be EHT80	14.53	28.38
5250	802.11be EHT160	13.63	23.07
5.3GHz Band, 2Tx, High Gain			
5260-5320	802.11a	16.37	43.35
5260-5320	802.11n HT20	16.84	48.31
5270-5310	802.11n HT40	17.76	59.70
5290	802.11ac VHT80	14.34	27.16
5260-5320	802.11be EHT20	16.79	47.75
5270-5310	802.11be EHT40	15.24	33.42
5290	802.11be EHT80	14.72	29.65
5.6GHz Band, 2Tx, High Gain			
5500-5720	802.11a	16.86	48.53
5500-5720	802.11n HT20	16.89	48.87
5510-5710	802.11n HT40	17.61	57.68
5530-5690	802.11ac VHT80	17.00	50.12
5570	802.11ac VHT160	9.85	9.66
5500-5720	802.11be EHT20	16.80	47.86
5510-5710	802.11be EHT40	17.69	58.75
5530-5690	802.11be EHT80	17.03	50.47
5570	802.11be EHT160	9.96	9.91
5.8GHz Band, 2Tx, High Gain			
5745-5825	802.11a	24.01	251.77
5745-5825	802.11n HT20	23.92	246.60
5755-5795	802.11n HT40	20.03	100.69
5775	802.11ac VHT80	18.37	68.71
5815	802.11ac VHT160	20.04	100.93
5745-5825	802.11be EHT20	23.61	229.61
5755-5795	802.11be EHT40	19.85	96.61
5775	802.11be EHT80	17.68	58.61
5815	802.11be EHT160	25.66	368.13
5.9GHz Band, 2Tx, High Gain			
5845-5885	802.11a	23.05	201.84
5845-5885	802.11n HT20	23.17	207.49
5835-5875	802.11n HT40	26.47	443.61
5855	802.11ac VHT80	26.20	416.87
5845-5885	802.11be EHT20	23.14	206.06
5835-5875	802.11be EHT40	26.22	418.79
5855	802.11be EHT80	26.82	480.84

6.3. DESCRIPTION OF AVAILABLE ANTENNAS

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

Low Gain Antenna:

Chain	Frequency (MHz)	Gain (dBi)	Type
0	5150-5895	5.2	PIFA
1	5150-5895	5.2	
(Uncorrelated)	5150-5895	5.2	
(Correlated)	5150-5895	8.21	

Mid Gain Antenna:

Chain	Frequency (MHz)	Gain (dBi)	Type
0	5150-5895	7.3	PIFA
1	5150-5895	7.3	
(Uncorrelated)	5150-5895	7.3	
(Correlated)	5150-5895	10.31	

High Gain Antenna:

Chain	Frequency (MHz)	Gain (dBi)	Type
0	5150-5895	8.66	PIFA
1	5150-5895	8.66	
(Uncorrelated)	5150-5895	8.66	
(Correlated)	5150-5895	11.67	

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}

6.4. 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.

6.5. WORST-CASE CONFIGURATION AND MODE

The fundamental of the EUT was investigated in all three orthogonal orientations X, Y and Z. Through pre-testing, it was determined that the X-orientation was worst-case. Therefore, all final radiated emissions testing was performed with the EUT set in the X-orientation.

Radiated testing was performed using low gain power settings with high gain antenna in order to yield worst case over the air results. Therefore, the radiated spurious emissions testing remains representative of the low and mid gain antennas as the chosen configuration represents worst case data.

Only the worst-case radiated spurious emissions mode was tested per frequency band. This was found to be 11be EHT20 242T at 5200 MHz, 11a at 5320 MHz, 11be EHT20 52T at 5500 MHz, 11a at 5745 MHz, 11be EHT80 242T+484T (N) at 5855 MHz.

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
802.11n HT20mode: MCS0
802.11n HT40mode: MCS0
802.11ac VHT80 mode: MCS0
802.11ac VHT160 mode: MCS0
802.11be EHT20mode: MCS0 (Nss = 1)
802.11be EHT40mode: MCS0 (Nss = 1)
802.11be EHT80mode: MCS0 (Nss = 1)
802.11be EHT160mode: MCS0 (Nss = 1)

Power spectral density, radiated spurious emissions, and restricted bandedge were spot-checked on the worst-case modes dictated by the original module report. The rest of testing was not performed as this test report covers a Class 2 Permissive Change.

All output power was taken at the newly tuned (lower power or equal power to the original module report) to verify this module revision was consistent with the originally certified module.

Note: Based on power testing as reported, channel puncturing configurations measured lower power than the corresponding MRU modes. Therefore, MRU modes were tested as the worst-case modes. Additionally, 802.11be modes were found to be worst case over 802.11ax and therefore were tested as the worst-case between the two.

Bandedge testing was performed on all low, high and power stepped channels. All restricted bandedge testing was performed using a conducted setup. For all bandedge testing a restricted traditional bandedge scan (C63.10 Section 12.7.7.) was ran on chain 0 and chain 1, each operating in MIMO mode. The peak and average data (peak only for 5.6 upper and 5.8 bandedge) was then summed together accounting for antenna gain and duty cycle correction factor. For the 5.9 bandedge, when the summed average measurements appeared to exceed the limit, a supplemental integration measurement (C63.10 Section 12.7.4.4.1) was performed on each chain at the band edge. Again, duty cycle correction and antenna gain were accounted for in the summing of the integration data. Lastly for 5.2, 5.3 and 5.6 Lower bandedge on 80 and 160 MHz signals, a slow sweep method scan (C63.10 Section 12.7.7.3) was performed in addition to the traditional restricted band edge method described above.

6.6. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
NUC	Intel	NuC	BTAN3160022Z/ BTAN322009FE/ BTAN331003QS/ BTAN331002VK	N/A
Intel NUC Charger	Chicony Power Technology	A17-120P2A	0432- 05LT1002320000248	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

TEST SETUP

Test software exercised the radio card.

SETUP DIAGRAMS

Please refer to R15566021-EP1 for setup diagrams

7. MEASUREMENT METHOD

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

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

Power Spectral Density: KDB 789033 D02 v02r01, Section F

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.

Radiated Spurious Emissions: ANSI C63.10-2020 Section 6.3 to 6.6

8. TEST AND MEASUREMENT EQUIPMENT

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

Test Equipment Used - Wireless Conducted Measurement Equipment

Equipment ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
	Common Equipment				
	Conducted Room 1				
90410	Spectrum Analyzer	Keysight Technologies	N9030A	2024-06-14	2025-06-14
SOFTEMI	Antenna Port Software	UL	Version 2022.8.16	NA	NA
Power Software	Boonton Power Analyzer	Boonton	Version 3.0.13.0	NA	NA
	Conducted Room 2				
90410	Spectrum Analyzer	Keysight Technologies	N9030A	2024-06-14	2025-06-14
245262	Conducted Switch Box	UL	CSB	2024-02-20	2025-02-20
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
	Additional Equipment used				
211056	Real-Time Peak Power Sensor 50MHz to 8GHz	Boonton	RTP5000	2024-08-01	2025-08-01
211058	Real-Time Peak Power Sensor 50MHz to 8GHz	Boonton	RTP5000	2024-08-01	2025-08-01
250458	Average Power Sensor, 10MHz to 18GHz	Boonton	RTP4018-S/1	2024-06-27	2025-06-27
250459	Average Power Sensor, 10MHz to 18GHz	Boonton	RTP4018-S/1	2024-06-27	2025-06-27
	Attenuators				
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
	Cables				
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

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

Equip. ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
	1-18 GHz				
135143	Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz	ETS Lindgren	3117	2024-02-07	2026-02-07
	Gain-Loss Chains				
91979	Gain-loss string: 1-18GHz	Various	Various	2024-05-08	2025-05-08
	Receiver & Software				
206496	Spectrum Analyzer	Rohde & Schwarz	ESW44	2024-08-29	2025-08-29
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

9. ANTENNA PORT TEST RESULTS

9.1. ON TIME AND DUTY CYCLE LIMITS

None; for reporting purposes only.

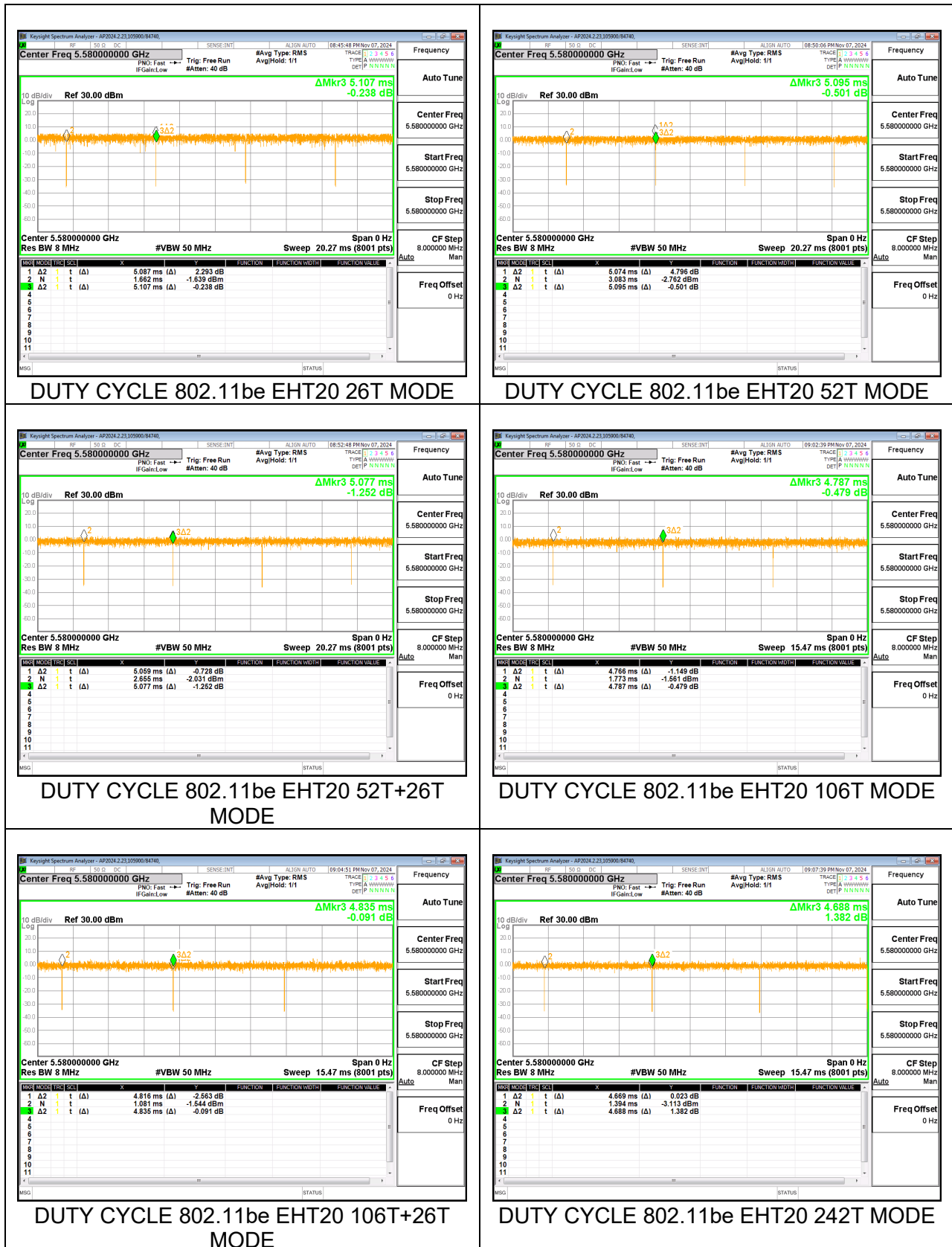
PROCEDURE

KDB 789033 D01 Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	RMS Duty Cycle Correction Factor (dB)	1/B Minimum VBW (kHz)
802.11a CDD	2.095	2.114	0.991	99.10	0.00	0.010
802.11n HT20 CDD	5.328	5.348	0.996	99.63	0.00	0.010
802.11n HT40 CDD	5.366	5.386	0.996	99.63	0.00	0.010
802.11ac VHT80 CDD	2.698	2.717	0.993	99.30	0.00	0.010
802.11ac VHT160 CDD	1.580	1.598	0.989	98.87	0.00	0.010
802.11be EHT20 26T	5.087	5.107	0.996	99.61	0.00	0.010
802.11be EHT20 52T	5.074	5.095	0.996	99.59	0.00	0.010
802.11be EHT20 52T+26T	5.059	5.077	0.996	99.65	0.00	0.010
802.11be EHT20 106T	4.766	4.787	0.996	99.56	0.00	0.010
802.11be EHT20 106T+26T	4.816	4.835	0.996	99.61	0.00	0.010
802.11be EHT20 242T	4.669	4.688	0.996	99.59	0.00	0.010
802.11be EHT40 484T	1.2610	1.2790	0.986	98.59	0.00	0.010
802.11be EHT80 484T+242T	1.1110	1.1290	0.984	98.41	0.00	0.010
802.11be EHT80 996T	0.9064	0.9251	0.980	97.98	0.09	1.103
802.11be EHT160 996T+484T	0.927	0.946	0.980	97.98	0.09	1.079
802.11be EHT160 996T+484T+242T	4.5410	4.5610	0.996	99.56	0.00	0.010
802.11be EHT160 2x996T	5.4490	5.4690	0.996	99.63	0.00	0.010







9.2. OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.15–5.25 GHz

(1)(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Bands 5.25-5.35 GHz and 5.47-5.725 GHz

(2) The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Band 5.725-5.85 GHz

(3) (i) The maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

Band 5.850–5.895 GHz:

(3)(iii) For client devices operating under the control of an indoor access point in the 5.850–5.895 GHz band, the maximum power spectral density must not exceed 14 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. Client devices operating on a channel that spans the 5.725–5.850 GHz and 5.850–5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.

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Band 5.15-5.25 GHz

The maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10}B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

Band 5.25-5.35 GHz

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10}B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10}B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Bands 5.47-5.6 GHz and 5.65-5.725 GHz

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10}B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10}B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Band 5.725-5.85 GHz

The maximum conducted output power shall not exceed 1 W. The power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications and multiple collocated transmitters transmitting the same information.

Band 5.850-5.895 GHz

For indoor client devices, the maximum e.i.r.p. shall not exceed 1 W (30 dBm). The maximum e.i.r.p. spectral density shall not exceed 14 dBm/MHz.

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. EUT was connected to spectrum analyzer for PSD measurements.

DIRECTIONAL ANTENNA GAIN

For 2 TX:

Tx chains are uncorrelated for power and correlated for PSD due to the device supporting CDD in all MIMO modes. The directional gains are as follows:

Low Gain:

Band (GHz)	Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2 - 5.9	5.20	5.20	5.20	8.21

Mid Gain:

Band (GHz)	Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2 - 5.9	7.30	7.30	7.30	10.31

High Gain:

Band (GHz)	Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2 - 5.9	8.66	8.66	8.66	11.67

Note: When gain exceeds 6 dBi, the corresponding limit has been reduced by the amount that the gain exceeds the 6 dBi requirement.

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

Uncorrelated directional gain = G_{ANT}

RESULTS

9.2.1. 802.11a MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC) : Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	5.20	8.21	24.00	8.79
Mid	5200	5.20	8.21	24.00	8.79
High	5240	5.20	8.21	24.00	8.79

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	15.12	14.72	17.93	24.00	-6.07
Mid	5200	15.65	16.44	19.07	24.00	-4.93
High	5240	15.55	15.83	18.70	24.00	-5.30

2TX Chain 0 + Chain 1 CDD MODE (IC) Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5180	16.596	5.20	8.21	22.20	17.00	10.00	1.79
Mid	5200	16.601	5.20	8.21	22.20	17.00	10.00	1.79
High	5240	16.622	5.20	8.21	22.21	17.01	10.00	1.79

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	9.65	9.85	12.76	17.00	-4.24
Mid	5200	11.36	11.45	14.42	17.00	-2.59
High	5240	10.78	11.01	13.91	17.01	-3.10

2TX Chain 0 + Chain 1 CDD MODE (FCC) : Mid Gain

Test Engineer:	85502
Test Date:	1/22/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	7.30	10.31	22.70	6.69
Mid	5200	7.30	10.31	22.70	6.69
High	5240	7.30	10.31	22.70	6.69

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	13.56	13.56	16.57	22.70	-6.13
Mid	5200	13.53	13.91	16.73	22.70	-5.97
High	5240	13.52	13.81	16.68	22.70	-6.02

2TX Chain 0 + Chain 1 CDD MODE (IC) : Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5180	16.596	7.30	10.31	22.20	14.90	10.00	-0.31
Mid	5200	16.601	7.30	10.31	22.20	14.90	10.00	-0.31
High	5240	16.622	7.30	10.31	22.21	14.91	10.00	-0.31

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.00	7.09	10.06	14.90	-4.84
Mid	5200	7.55	7.13	10.36	14.90	-4.55
High	5240	7.43	7.24	10.35	14.91	-4.56

2TX Chain 0 + Chain 1 CDD MODE (FCC) : High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	8.66	11.67	21.34	5.33
Mid	5200	8.66	11.67	21.34	5.33
High	5240	8.66	11.67	21.34	5.33

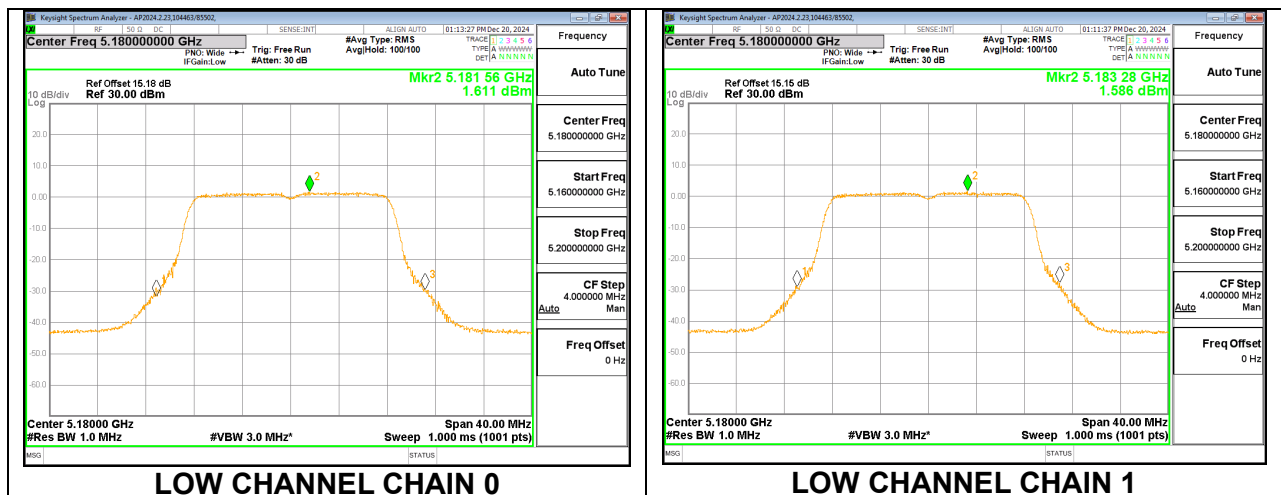
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	13.05	11.98	15.56	21.34	-5.78
Mid	5200	13.35	13.61	16.49	21.34	-4.85
High	5240	13.25	13.39	16.33	21.34	-5.01

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	1.611	1.586	4.61	5.33	-0.72
Mid	5200	1.667	1.522	4.61	5.33	-0.72
High	5240	1.807	1.140	4.50	5.33	-0.83



2TX Chain 0 + Chain 1 CDD MODE (IC) : High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5180	16.596	8.66	11.67	22.20	13.54	10.00	-1.67
Mid	5200	16.601	8.66	11.67	22.20	13.54	10.00	-1.67
High	5240	16.622	8.66	11.67	22.21	13.55	10.00	-1.67

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.11	7.33	10.23	13.54	-3.31
Mid	5200	7.14	7.44	10.30	13.54	-3.24
High	5240	7.41	7.37	10.40	13.55	-3.15

9.2.2. 802.11n HT20 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC) : Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5180	5.20	8.21	24.00
Mid	5200	5.20	8.21	24.00
High	5240	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	14.45	14.08	17.28	24.00	-6.72
Mid	5200	16.66	16.27	19.48	24.00	-4.52
High	5240	16.58	15.62	19.14	24.00	-4.86

2TX Chain 0 + Chain 1 CDD MODE (IC) : Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5180	17.738	5.20	8.21	22.49	17.29
Mid	5200	17.732	5.20	8.21	22.49	17.29
High	5240	17.766	5.20	8.21	22.50	17.30

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.38	11.42	14.41	17.29	-2.88
Mid	5200	11.35	11.43	14.40	17.29	-2.89
High	5240	10.78	11.09	13.95	17.30	-3.35

2TX Chain 0 + Chain 1 CDD MODE (FCC) : Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5180	7.30	10.31	22.70
Mid	5200	7.30	10.31	22.70
High	5240	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	13.60	13.47	16.55	22.70	-6.15
Mid	5200	13.55	13.87	16.72	22.70	-5.98
High	5240	13.52	13.86	16.70	22.70	-6.00

2TX Chain 0 + Chain 1 CDD MODE (IC) : Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5180	17.738	7.30	10.31	22.49	15.19
Mid	5200	17.732	7.30	10.31	22.49	15.19
High	5240	17.766	7.30	10.31	22.50	15.20

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.03	7.11	10.08	15.19	-5.11
Mid	5200	7.52	7.11	10.33	15.19	-4.86
High	5240	7.36	7.27	10.33	15.20	-4.87

2TX Chain 0 + Chain 1 CDD MODE (FCC) : High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5180	8.66	11.67	21.34
Mid	5200	8.66	11.67	21.34
High	5240	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	12.97	12.65	15.82	21.34	-5.52
Mid	5200	13.92	14.13	17.04	21.34	-4.30
High	5240	13.92	14.20	17.07	21.34	-4.27

2TX Chain 0 + Chain 1 CDD MODE (IC) : High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5180	17.738	8.66	11.67	22.49	13.83
Mid	5200	17.732	8.66	11.67	22.49	13.83
High	5240	17.766	8.66	11.67	22.50	13.84

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.07	7.40	10.25	13.83	-3.58
Mid	5200	7.08	7.30	10.20	13.83	-3.63
High	5240	7.33	7.46	10.41	13.84	-3.43

9.2.3. 802.11n HT40 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC) : Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	5.20	8.21	24.00	8.79
High	5230	5.20	8.21	24.00	8.79

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	12.41	11.39	14.94	24.00	-9.06
High	5230	15.49	14.57	18.06	24.00	-5.94

2TX Chain 0 + Chain 1 CDD MODE (IC) : Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5190	36.474	5.20	8.21	23.00	17.80	10.00	1.79
High	5230	36.415	5.20	8.21	23.00	17.80	10.00	1.79

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.67	11.97	14.83	17.80	-2.97
High	5230	11.30	11.68	14.50	17.80	-3.30

2TX Chain 0 + Chain 1 CDD MODE (FCC) : Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	7.30	10.31	22.70	6.69
High	5230	7.30	10.31	22.70	6.69

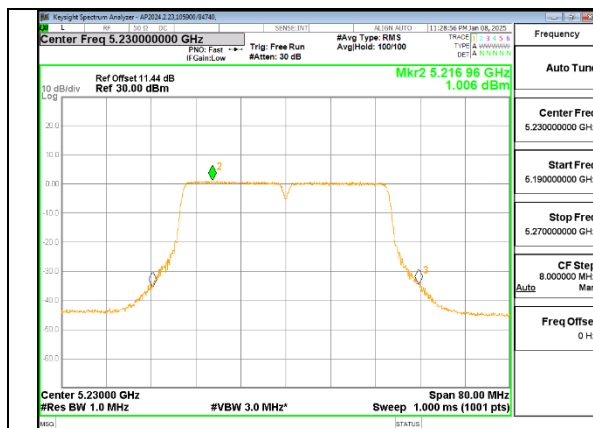
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

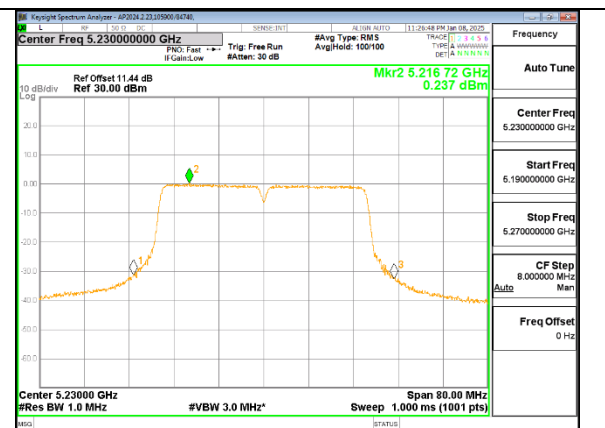
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.95	11.98	14.98	22.70	-7.72
High	5230	15.11	15.61	18.38	22.70	-4.32

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	-2.445	-2.948	0.32	6.69	-6.37
High	5230	1.006	0.237	3.65	6.69	-3.04



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

2TX Chain 0 + Chain 1 CDD MODE (IC) : Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5190	36.474	7.30	10.31	23.00	15.70	10.00	-0.31
High	5230	36.415	7.30	10.31	23.00	15.70	10.00	-0.31

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.66	8.98	11.83	15.70	-3.87
High	5230	8.52	9.06	11.81	15.70	-3.89

2TX Chain 0 + Chain 1 CDD MODE (FCC) : High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	8.66	11.67	21.34	5.33
High	5230	8.66	11.67	21.34	5.33

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.60	10.46	14.08	21.34	-7.26
High	5230	13.50	12.48	16.03	21.34	-5.31

2TX Chain 0 + Chain 1 CDD MODE (IC) : High Gain

Test Engineer:	85502
Test Date:	1/24/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5190	36.474	8.66	11.67	23.00	14.34	10.00	-1.67
High	5230	36.415	8.66	11.67	23.00	14.34	10.00	-1.67

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.22	8.64	11.45	14.34	-2.89
High	5230	8.07	8.71	11.41	14.34	-2.93

9.2.4. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC) : Low Gain

Test Engineer:	84740
Test Date:	1/24/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5210	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	12.72	13.10	15.92	24.00	-8.08

2TX Chain 0 + Chain 1 CDD MODE (IC) : Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5210	76.006	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	12.72	13.10	15.92	17.80	-1.88

2TX Chain 0 + Chain 1 CDD MODE (FCC) : Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5210	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.76	11.86	14.82	22.70	-7.88

2TX Chain 0 + Chain 1 CDD MODE (IC) : Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid	5210	76.006	7.30	10.31	23.00	15.70	10.00	-0.31

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.27	10.55	13.42	15.70	-2.28

2TX Chain 0 + Chain 1 CDD MODE (FCC) : High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5210	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.22	11.61	14.43	21.34	-6.91

2TX Chain 0 + Chain 1 CDD MODE (IC) : High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5210	76.0060	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.12	10.66	13.41	14.34	-0.93

9.2.5. 802.11ac VHT160 MODE IN THE 5.2/5.3 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC) : Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5250	11.27	11.32	14.31	24.00	-9.69

2TX Chain 0 + Chain 1 CDD MODE (IC) : Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5250	155.31	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5250	11.27	11.32	14.31	17.80	-3.49

2TX Chain 0 + Chain 1 CDD MODE (FCC) : Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5250	10.36	10.57	13.48	22.70	-9.22

2TX Chain 0 + Chain 1 CDD MODE (IC) : Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5250	155.31	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5250	9.52	8.58	12.09	15.70	-3.61

2TX Chain 0 + Chain 1 CDD MODE (FCC) : High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5250	7.45	7.93	10.71	21.34	-10.63

2TX Chain 0 + Chain 1 CDD MODE (IC) : High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5250	155.31	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5250	7.42	7.77	10.61	14.34	-3.73

9.2.6. 802.11be EHT20 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 26T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	5.20	8.21	24.00	8.79
Mid	5200	5.20	8.21	24.00	8.79
High	5240	5.20	8.21	24.00	8.79

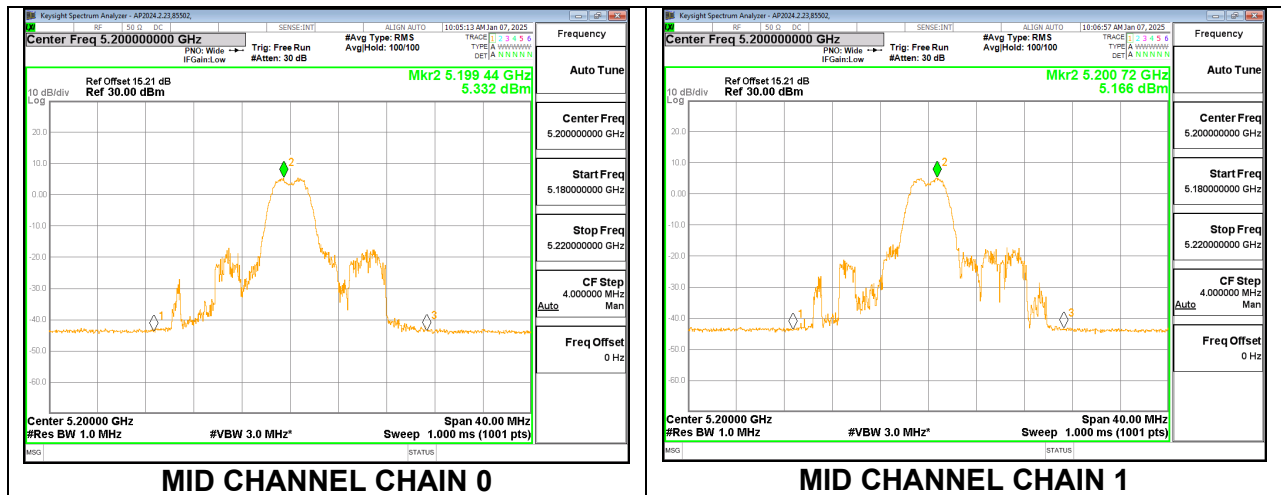
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	8.78	7.66	11.27	24.00	-12.73
Mid	5200	9.43	8.20	11.87	24.00	-12.13
High	5240	8.08	7.33	10.73	24.00	-13.27

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	5.372	4.973	8.19	8.79	-0.60
Mid	5200	5.332	5.166	8.26	8.79	-0.53
High	5240	5.373	5.043	8.22	8.79	-0.57



2TX Chain 0 + Chain 1 CDD MODE (IC) : 26T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5180	2.1796	5.20	8.21	13.38	8.18
Mid	5200	2.5989	5.20	8.21	14.15	8.95
High	5240	2.2143	5.20	8.21	13.45	8.25

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	-0.34	0.13	2.91	8.18	-5.27
Mid	5200	0.25	0.63	3.45	8.95	-5.49
High	5240	-0.48	0.06	2.81	8.25	-5.44

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 26T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	7.30	10.31	22.70	6.69
Mid	5200	7.30	10.31	22.70	6.69
High	5240	7.30	10.31	22.70	6.69

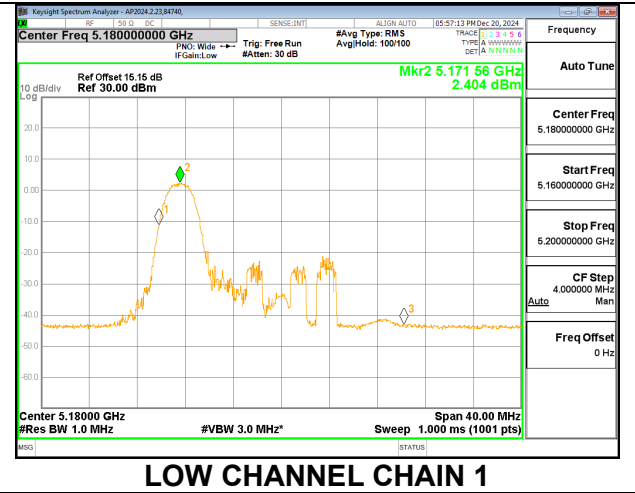
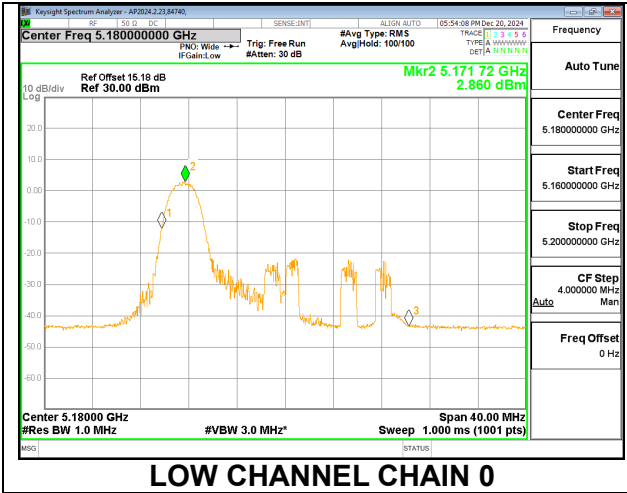
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	5.40	5.82	8.63	22.70	-14.07
Mid	5200	6.26	6.41	9.35	22.70	-13.35
High	5240	5.76	5.71	8.75	22.70	-13.95

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	2.860	2.404	5.65	6.69	-1.04
Mid	5200	3.031	3.170	6.11	6.69	-0.58
High	5240	3.465	2.652	6.09	6.69	-0.60



2TX Chain 0 + Chain 1 CDD MODE (IC) : 26T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	2.1796	7.30	10.31	13.38	6.08	10.00	-0.31
Mid	5200	2.5989	7.30	10.31	14.15	6.85	10.00	-0.31
High	5240	2.2143	7.30	10.31	13.45	6.15	10.00	-0.31

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	-1.51	-0.80	1.87	6.08	-4.21
Mid	5200	-1.42	-0.98	1.82	6.85	-5.03
High	5240	-1.67	-0.79	1.80	6.15	-4.35

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 26T High Gain

Test Engineer:	84740
Test Date:	2024-01-08

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	8.66	11.67	21.34	5.33
Mid	5200	8.66	11.67	21.34	5.33
High	5240	8.66	11.67	21.34	5.33

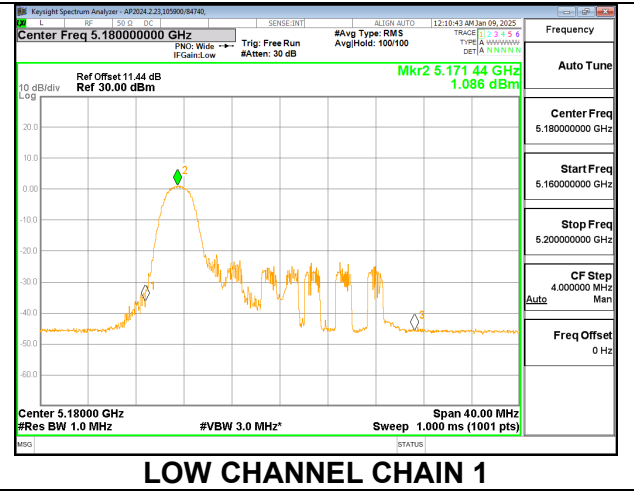
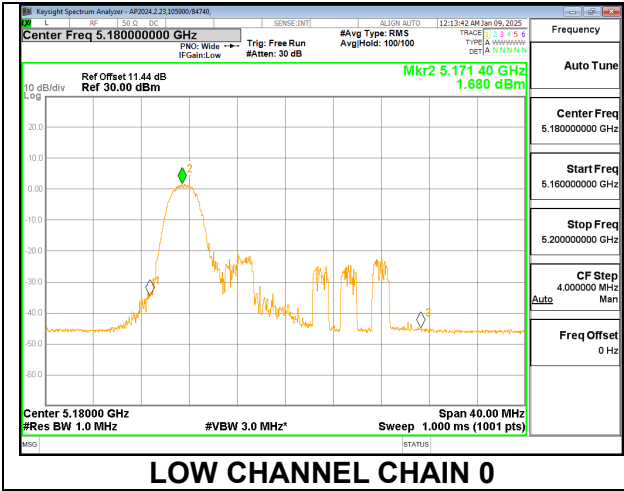
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	4.33	3.38	6.89	21.34	-14.45
Mid	5200	4.85	3.80	7.37	21.34	-13.97
High	5240	4.52	3.24	6.94	21.34	-14.40

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	1.680	1.086	4.40	5.33	-0.93
Mid	5200	1.168	-0.420	3.46	5.33	-1.87
High	5240	0.838	0.046	3.47	5.33	-1.86



2TX Chain 0 + Chain 1 CDD MODE (IC) : 26T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	2.1796	8.66	11.67	13.38	4.72	10.00	-1.67
Mid	5200	2.5989	8.66	11.67	14.15	5.49	10.00	-1.67
High	5240	2.2143	8.66	11.67	13.45	4.79	10.00	-1.67

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	-2.32	-1.66	1.03	4.72	-3.69
Mid	5200	-1.75	-1.34	1.47	5.49	-4.02
High	5240	-2.36	-1.84	0.92	4.79	-3.87

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 52T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	5.20	8.21	24.00	8.79
Mid	5200	5.20	8.21	24.00	8.79
High	5240	5.20	8.21	24.00	8.79

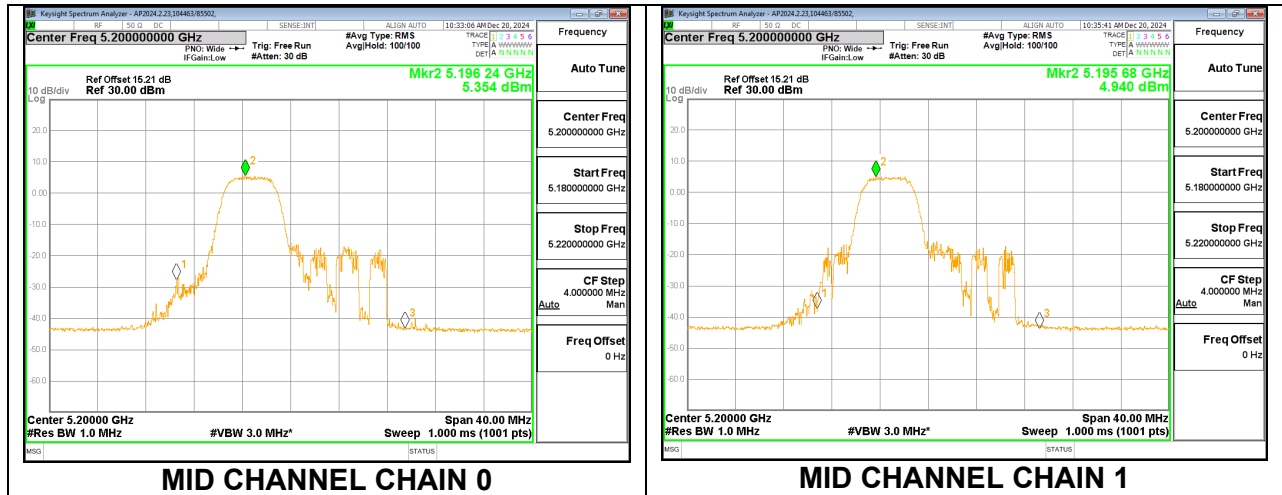
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	10.82	9.76	13.33	24.00	-10.67
Mid	5200	11.26	10.27	13.80	24.00	-10.20
High	5240	10.97	10.03	13.54	24.00	-10.46

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	4.791	4.534	7.67	8.79	-1.12
Mid	5200	5.354	4.940	8.16	8.79	-0.63
High	5240	4.963	4.585	7.79	8.79	-1.00



2TX Chain 0 + Chain 1 CDD MODE (IC) : 52T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	4.1215	5.20	8.21	16.15	10.95	10.00	1.79
Mid	5200	4.0325	5.20	8.21	16.06	10.86	10.00	1.79
High	5240	4.1363	5.20	8.21	16.17	10.97	10.00	1.79

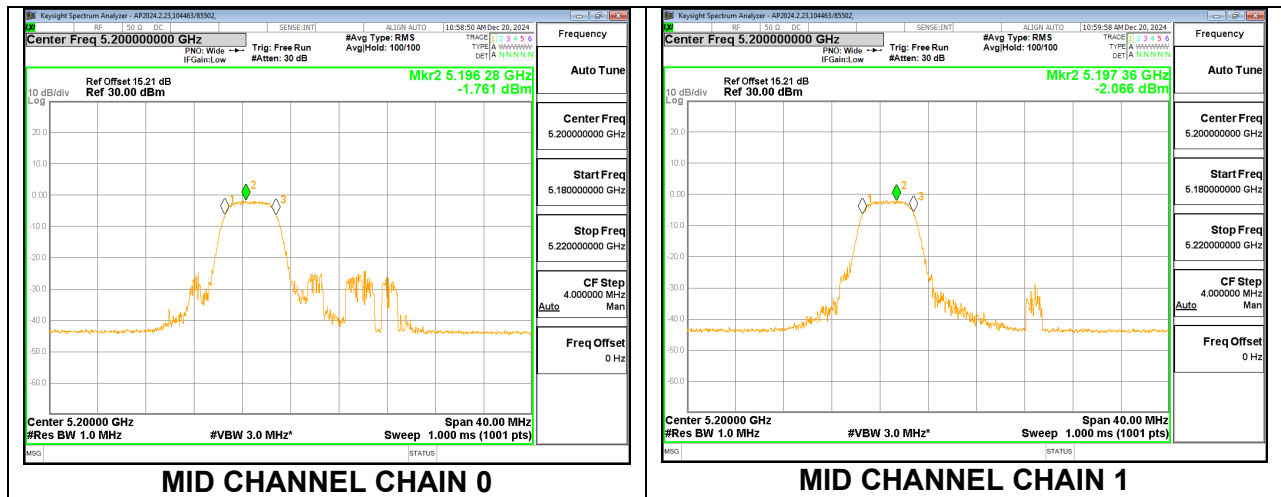
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	4.21	4.38	7.31	10.95	-3.64
Mid	5200	4.65	4.64	7.66	10.86	-3.20
High	5240	4.08	4.47	7.29	10.97	-3.68

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd D (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	-2.37	-2.33	0.66	1.79	-1.13
Mid	5200	-1.76	-2.07	1.10	1.79	-0.69
High	5240	-2.27	-2.52	0.62	1.79	-1.17



2TX Chain 0 + Chain 1 CDD MODE (FCC) : 52T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	7.30	10.31	22.70	6.69
Mid	5200	7.30	10.31	22.70	6.69
High	5240	7.30	10.31	22.70	6.69

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.70	8.07	10.90	22.70	-11.80
Mid	5200	8.26	8.35	11.32	22.70	-11.38
High	5240	7.75	8.14	10.96	22.70	-11.74

2TX Chain 0 + Chain 1 CDD MODE (IC) : 52T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	4.1215	7.30	10.31	16.15	8.85	10.00	-0.31
Mid	5200	4.0325	7.30	10.31	16.06	8.76	10.00	-0.31
High	5240	4.1363	7.30	10.31	16.17	8.87	10.00	-0.31

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	1.36	1.86	4.63	8.85	-4.22
Mid	5200	1.59	1.96	4.79	8.76	-3.97
High	5240	1.22	1.87	4.57	8.87	-4.30

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 52T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	8.66	11.67	21.34	5.33
Mid	5200	8.66	11.67	21.34	5.33
High	5240	8.66	11.67	21.34	5.33

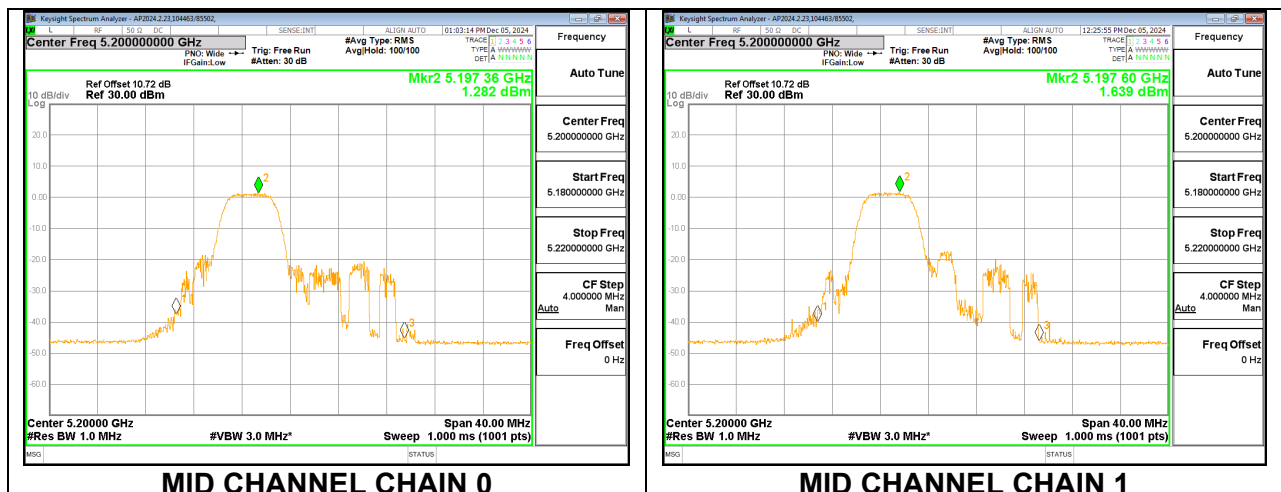
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.54	6.80	10.20	21.34	-11.14
Mid	5200	7.87	7.12	10.52	21.34	-10.82
High	5240	7.64	6.89	10.29	21.34	-11.05

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	1.232	1.470	4.36	5.33	-0.97
Mid	5200	1.282	1.639	4.47	5.33	-0.86
High	5240	1.191	1.338	4.28	5.33	-1.05



2TX Chain 0 + Chain 1 CDD MODE (IC) : 52T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

	(MHz)	99% BW (MHz)	Gain for Power (dBi)	Gain for PSD (dBi)	Power Limit (dBm)	Limit (dBm)	PSD Limit (dBm/1MHz)	Limit (dBm/1MHz)
Low	5180	4.1215	8.66	11.67	16.15	7.49	10.00	-1.67
Mid	5200	4.0325	8.66	11.67	16.06	7.40	10.00	-1.67
High	5240	4.1363	8.66	11.67	16.17	7.51	10.00	-1.67

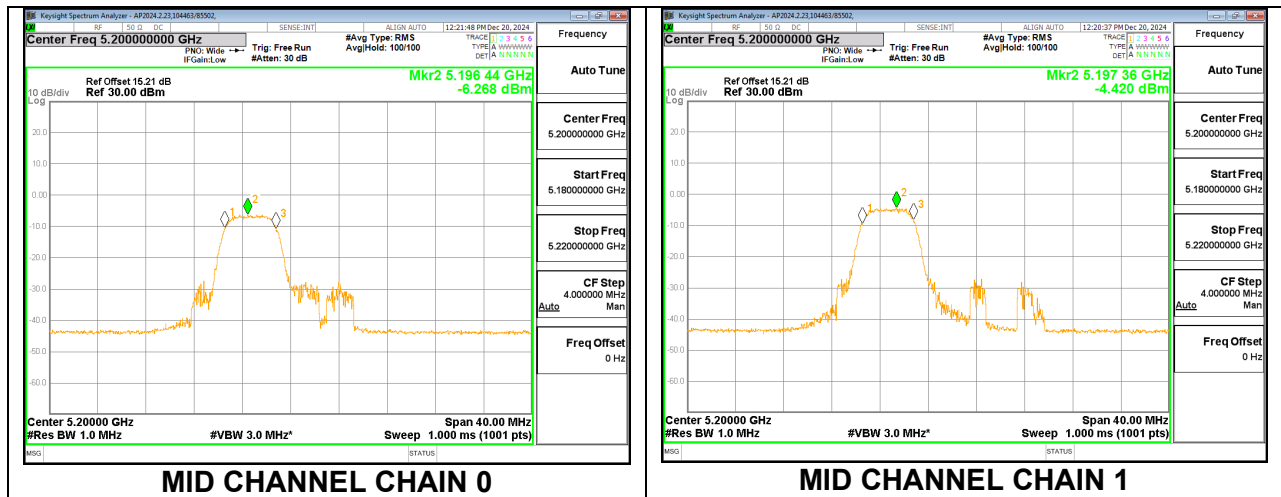
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	1.08	1.51	4.31	7.49	-3.18
Mid	5200	1.50	1.67	4.60	7.40	-2.80
High	5240	0.92	1.25	4.10	7.51	-3.41

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd D (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	-6.575	-5.161	-2.80	-1.67	-1.13
Mid	5200	-6.268	-4.420	-2.24	-1.67	-0.57
High	5240	-6.569	-5.935	-3.23	-1.67	-1.56



2TX Chain 0 + Chain 1 CDD MODE (FCC) : 52T+26T Low Gain

Test Engineer:	85502
Test Date:	1/22/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5180	5.20	8.21	24.00
Mid	5200	5.20	8.21	24.00
High	5240	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.10	10.19	13.68	24.00	-10.32
Mid	5200	11.23	10.05	13.69	24.00	-10.31
High	5240	11.25	10.48	13.89	24.00	-10.11

2TX Chain 0 + Chain 1 CDD MODE (IC) : 52T+26T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5180	6.6475	5.20	8.21	18.23	13.03	10.00
Mid	5200	6.4860	5.20	8.21	18.12	12.92	10.00
High	5240	6.6187	5.20	8.21	18.21	13.01	10.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	4.08	4.47	7.29	13.03	-5.74
Mid	5200	4.49	4.71	7.61	12.92	-5.31
High	5240	4.59	4.85	7.73	13.01	-5.28

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 52T+26T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5180	7.30	10.31	22.70
Mid	5200	7.30	10.31	22.70
High	5240	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	8.04	8.33	11.20	22.70	-11.50
Mid	5200	8.25	8.30	11.29	22.70	-11.41
High	5240	8.16	8.63	11.41	22.70	-11.29

2TX Chain 0 + Chain 1 CDD MODE (IC) : 52T+26T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5180	6.6475	7.30	10.31	18.23	10.93	10.00
Mid	5200	6.4860	7.30	10.31	18.12	10.82	10.00
High	5240	6.6187	7.30	10.31	18.21	10.91	10.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	1.10	1.83	4.49	10.93	-6.44
Mid	5200	1.09	1.77	4.45	10.82	-6.37
High	5240	2.04	2.10	5.08	10.91	-5.83

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 52T+26T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5180	8.66	11.67	21.34
Mid	5200	8.66	11.67	21.34
High	5240	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.89	6.86	10.42	21.34	-10.92
Mid	5200	8.06	6.93	10.54	21.34	-10.80
High	5240	8.38	7.27	10.87	21.34	-10.47

2TX Chain 0 + Chain 1 CDD MODE (IC) : 52T+26T High Gain

Test Engineer:	85502
Test Date:	1/22/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)
Low	5180	6.6475	8.66	11.67	18.23	9.57	10.00
Mid	5200	6.4860	8.66	11.67	18.12	9.46	10.00
High	5240	6.6187	8.66	11.67	18.21	9.55	10.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	1.33	1.64	4.50	9.57	-5.07
Mid	5200	1.41	1.72	4.58	9.46	-4.88
High	5240	1.25	1.62	4.45	9.55	-5.10

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 106T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	5.20	8.21	24.00	8.79
Mid	5200	5.20	8.21	24.00	8.79
High	5240	5.20	8.21	24.00	8.79

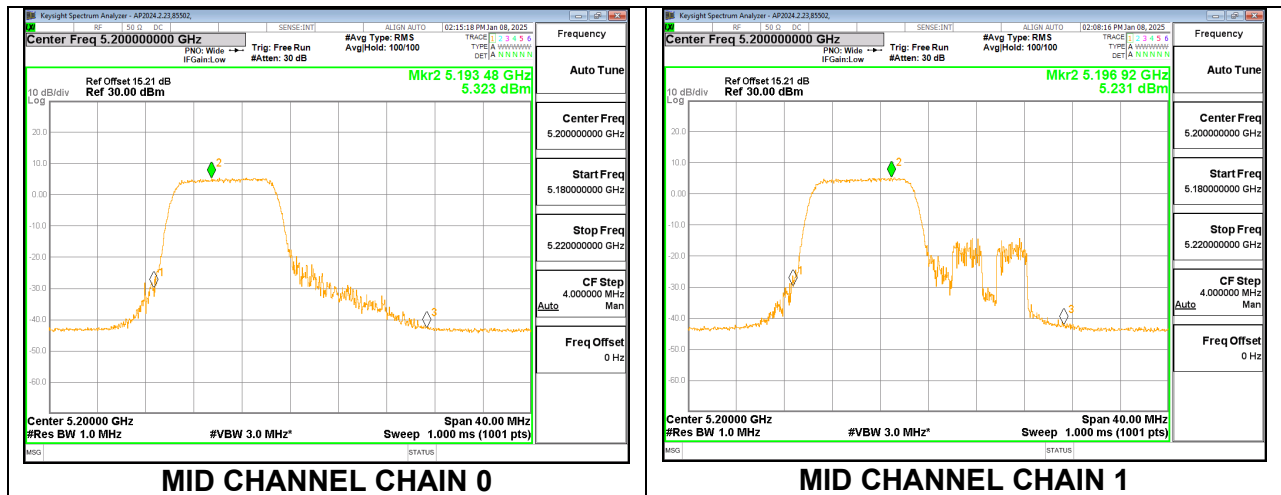
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	12.78	12.66	15.73	24.00	-8.27
Mid	5200	12.93	12.57	15.76	24.00	-8.24
High	5240	14.04	13.02	16.57	24.00	-7.43

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	5.205	5.044	8.14	8.79	-0.65
Mid	5200	5.323	5.231	8.29	8.79	-0.50
High	5240	4.685	3.898	7.32	8.79	-1.47



2TX Chain 0 + Chain 1 CDD MODE (IC) : 106T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	8.1969	5.20	8.21	19.14	13.94	10.00	1.79
Mid	5200	8.2281	5.20	8.21	19.15	13.95	10.00	1.79
High	5240	8.2143	5.20	8.21	19.15	13.95	10.00	1.79

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.61	7.73	10.68	13.94	-3.26
Mid	5200	7.66	7.92	10.80	13.95	-3.15
High	5240	7.57	7.94	10.77	13.95	-3.18

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 106T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	7.30	10.31	22.70	6.69
Mid	5200	7.30	10.31	22.70	6.69
High	5240	7.30	10.31	22.70	6.69

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	10.92	11.17	14.06	22.70	-8.64
Mid	5200	11.00	11.18	14.10	22.70	-8.60
High	5240	11.01	11.38	14.21	22.70	-8.49

2TX Chain 0 + Chain 1 CDD MODE (IC) : 106T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	8.1969	7.30	10.31	19.14	11.84	10.00	-0.31
Mid	5200	8.2281	7.30	10.31	19.15	11.85	10.00	-0.31
High	5240	8.2143	7.30	10.31	19.15	11.85	10.00	-0.31

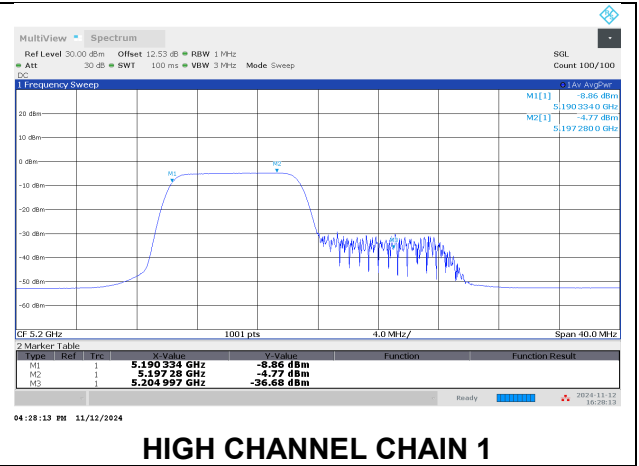
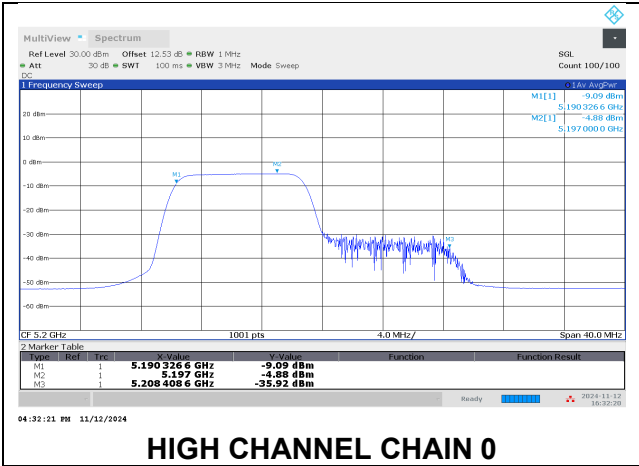
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	4.60	5.00	7.81	11.84	-4.02
Mid	5200	4.64	4.99	7.83	11.85	-4.02
High	5240	4.52	4.99	7.77	11.85	-4.07

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd D (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	-4.70	-4.66	-1.67	-0.31	-1.36
Mid	5200	-4.88	-4.77	-1.81	-0.31	-1.50
High	5240	-4.21	-4.82	-1.50	-0.31	-1.19



2TX Chain 0 + Chain 1 CDD MODE (FCC) : 106T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

	(MHz)	(dBi)	(dBi)	(dBm)	(dBm/1MHz)
Low	5180	8.66	11.67	21.34	5.33
Mid	5200	8.66	11.67	21.34	5.33
High	5240	8.66	11.67	21.34	5.33

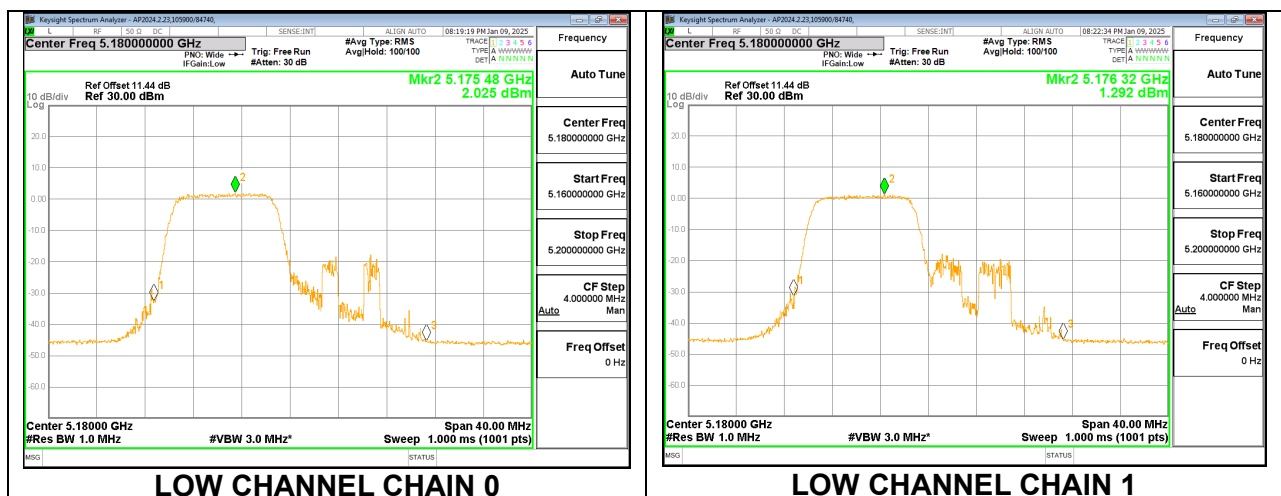
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	10.64	9.51	13.12	21.34	-8.22
Mid	5200	10.63	9.70	13.20	21.34	-8.14
High	5240	10.43	9.69	13.09	21.34	-8.25

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	2.025	1.292	4.68	5.33	-0.65
Mid	5200	1.754	1.042	4.42	5.33	-0.91
High	5240	1.364	0.894	4.15	5.33	-1.18



2TX Chain 0 + Chain 1 CDD MODE (IC) : 106T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	8.1969	8.66	11.67	19.14	10.48	10.00	-1.67
Mid	5200	8.2281	8.66	11.67	19.15	10.49	10.00	-1.67
High	5240	8.2143	8.66	11.67	19.15	10.49	10.00	-1.67

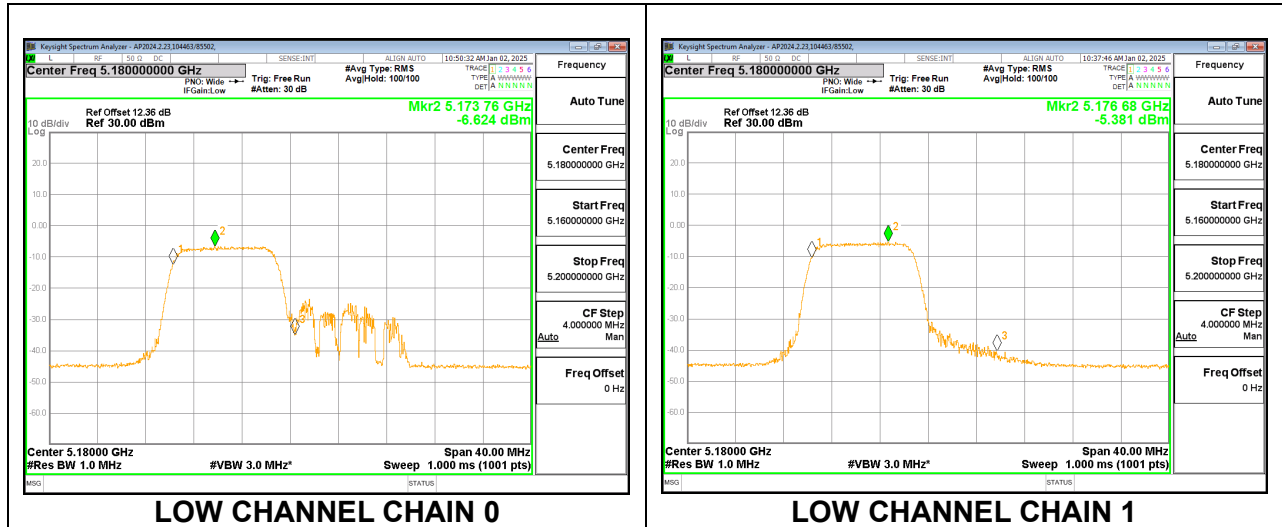
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	2.85	2.61	5.74	10.48	-4.73
Mid	5200	3.02	2.67	5.86	10.49	-4.63
High	5240	2.88	2.33	5.62	10.49	-4.86

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd D (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	-6.624	-5.381	-2.95	-1.67	-1.28
Mid	5200	-6.290	-5.656	-2.95	-1.67	-1.28
High	5240	-7.108	-5.723	-3.35	-1.67	-1.68



2TX Chain 0 + Chain 1 CDD MODE (FCC) : 106T+26T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5180	5.20	8.21	24.00
Mid	5200	5.20	8.21	24.00
High	5240	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	12.96	12.83	15.91	24.00	-8.09
Mid	5200	12.92	12.68	15.81	24.00	-8.19
High	5240	12.90	12.65	15.79	24.00	-8.21

2TX Chain 0 + Chain 1 CDD MODE (IC) : 106T+26T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5180	10.967	5.20	8.21	20.40	15.20
Mid	5200	10.940	5.20	8.21	20.39	15.19
High	5240	10.901	5.20	8.21	20.37	15.17

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.71	7.85	10.79	15.20	-4.41
Mid	5200	7.75	7.83	10.80	15.19	-4.39
High	5240	7.55	7.55	10.56	15.17	-4.61

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 106T+26T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5180	7.30	10.31	22.70
Mid	5200	7.30	10.31	22.70
High	5240	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.01	11.22	14.13	22.70	-8.57
Mid	5200	11.02	11.27	14.16	22.70	-8.54
High	5240	11.12	11.42	14.28	22.70	-8.42

2TX Chain 0 + Chain 1 CDD MODE (IC) : 106T+26T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5180	10.9670	7.30	10.31	20.40	13.10
Mid	5200	10.9400	7.30	10.31	20.39	13.09
High	5240	10.9010	7.30	10.31	20.37	13.07

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	4.60	4.99	7.81	13.10	-5.29
Mid	5200	4.51	4.98	7.76	13.09	-5.33
High	5240	4.53	4.98	7.77	13.07	-5.30

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 106T+26T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5180	8.66	11.67	21.34
Mid	5200	8.66	11.67	21.34
High	5240	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	10.58	9.76	13.20	21.34	-8.14
Mid	5200	10.66	9.69	13.21	21.34	-8.13
High	5240	10.57	9.80	13.21	21.34	-8.13

2TX Chain 0 + Chain 1 CDD MODE (IC) : 106T+26T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	10.9670	8.66	11.67	20.40	11.74	10.00	-1.67
Mid	5200	10.9400	8.66	11.67	20.39	11.73	10.00	-1.67
High	5240	10.9010	8.66	11.67	20.37	11.71	10.00	-1.67

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	2.91	2.70	5.82	11.74	-5.92
Mid	5200	3.01	2.61	5.82	11.73	-5.91
High	5240	3.05	2.43	5.76	11.71	-5.95

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	5.20	8.21	24.00	8.79
Mid	5200	5.20	8.21	24.00	8.79
High	5240	5.20	8.21	24.00	8.79

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	14.04	13.12	16.61	24.00	-7.39
Mid	5200	16.14	16.74	19.46	24.00	-4.54
High	5240	16.54	16.63	19.60	24.00	-4.40

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	18.987	5.20	8.21	22.78	17.58	10.00	1.79
Mid	5200	19.001	5.20	8.21	22.79	17.59	10.00	1.79
High	5240	18.994	5.20	8.21	22.79	17.59	10.00	1.79

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	11.29	11.34	14.33	17.58	-3.26
Mid	5200	11.41	11.40	14.42	17.59	-3.17
High	5240	10.80	11.08	13.95	17.59	-3.63

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	7.30	10.31	22.70	6.69
Mid	5200	7.30	10.31	22.70	6.69
High	5240	7.30	10.31	22.70	6.69

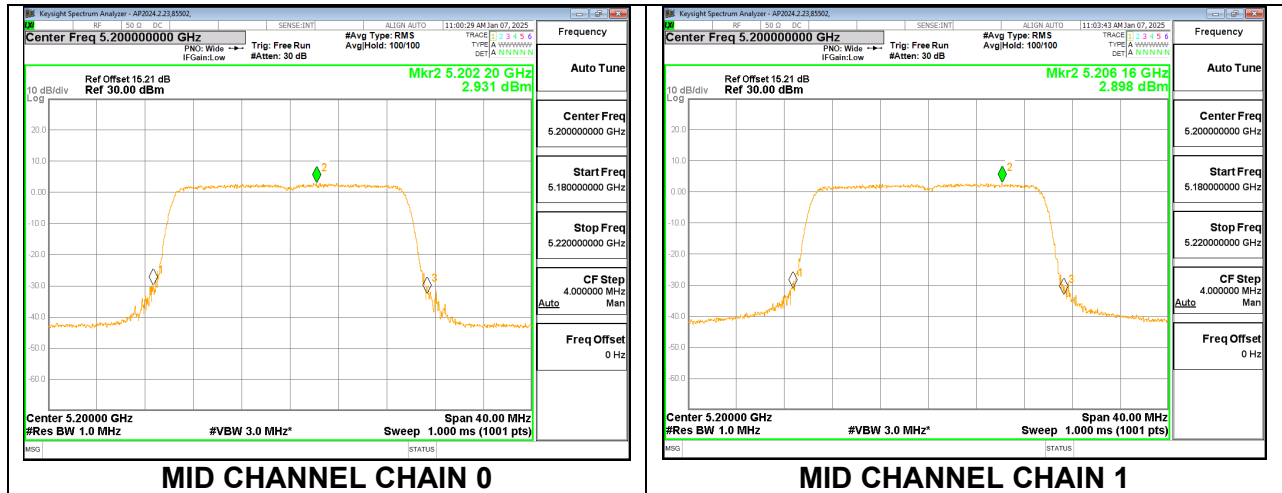
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	13.02	12.90	15.97	22.70	-6.73
Mid	5200	15.06	13.99	17.57	22.70	-5.13
High	5240	15.01	13.11	17.17	22.70	-5.53

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	2.972	2.751	5.87	6.69	-0.82
Mid	5200	2.931	2.898	5.92	6.69	-0.77
High	5240	3.131	2.422	5.80	6.69	-0.89



2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	18.987	7.30	10.31	22.78	15.48	10.00	-0.31
Mid	5200	19.001	7.30	10.31	22.79	15.49	10.00	-0.31
High	5240	18.994	7.30	10.31	22.79	15.49	10.00	-0.31

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.57	7.99	10.80	15.48	-4.69
Mid	5200	7.93	8.33	11.14	15.49	-4.34
High	5240	8.33	8.85	11.61	15.49	-3.88

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T High Gain

Test Engineer:	
Test Date:	

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	8.66	11.67	21.34	5.33
Mid	5200	8.66	11.67	21.34	5.33
High	5240	8.66	11.67	21.34	5.33

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	12.95	12.06	15.54	21.34	-5.80
Mid	5200	13.02	12.06	15.58	21.34	-5.76
High	5240	13.65	12.53	16.14	21.34	-5.20

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5180	18.987	8.66	11.67	22.78	14.12	10.00	-1.67
Mid	5200	19.001	8.66	11.67	22.79	14.13	10.00	-1.67
High	5240	18.994	8.66	11.67	22.79	14.13	10.00	-1.67

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	7.57	7.89	10.74	14.12	-3.38
Mid	5200	7.70	7.90	10.81	14.13	-3.32
High	5240	7.82	8.02	10.93	14.13	-3.19

9.2.7. 802.11be EHT40 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	5.20	8.21	24.00	8.79
High	5230	5.20	8.21	24.00	8.79

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	12.85	12.09	15.50	24.00	-8.50
High	5230	14.51	13.54	17.06	24.00	-6.94

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T Low Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5190	37.9090	5.20	8.21	23.00	17.80	10.00	1.79
High	5230	38.0770	5.20	8.21	23.00	17.80	10.00	1.79

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.25	11.44	14.36	17.80	-3.44
High	5230	11.22	11.68	14.47	17.80	-3.33

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T Mid Gain

Test Engineer:	84740
Test Date:	1/24/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	7.30	10.31	22.70	6.69
High	5230	7.30	10.31	22.70	6.69

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	12.00	11.95	14.99	22.70	-7.71
High	5230	14.51	15.00	17.77	22.70	-4.93

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T Mid Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5190	37.9090	7.30	10.31	23.00	15.70	10.00	-0.31
High	5230	38.0770	7.30	10.31	23.00	15.70	10.00	-0.31

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.90	9.49	12.22	15.70	-3.48
High	5230	8.75	9.70	12.26	15.70	-3.44

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	8.66	11.67	21.34	5.33
High	5230	8.66	11.67	21.34	5.33

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	11.38	10.62	14.03	21.34	-7.31
High	5230	14.02	13.15	16.62	21.34	-4.72

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T High Gain

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5190	37.9090	8.66	11.67	23.00	14.34	10.00	-1.67
High	5230	38.0770	8.66	11.67	23.00	14.34	10.00	-1.67

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

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	8.23	8.57	11.41	14.34	-2.93
High	5230	8.09	8.83	11.49	14.34	-2.85

9.2.8. 802.11be EHT80 MODE IN THE 5.2 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5210	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	11.58	12.07	14.84	24.00	-9.16

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (C) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5210	58.771	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	11.24	11.40	14.33	17.80	-3.47

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) MRU Mode (Mid Gain)

Test Engineer:	84740
Test Date:	1/24/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5210	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	11.91	12.00	14.97	22.70	-7.73

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (C) MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5210	58.771	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	9.41	9.26	12.35	15.70	-3.35

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

	(MHz)	Gain for Power (dBi)	Gain for PSD (dBi)	Limit (dBm)
Low	5210	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	11.25	11.78	14.53	21.34	-6.81

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (C) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5210	58.771	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	8.12	8.82	11.49	14.34	-2.85

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) Punctured 0x8 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5210	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	11.01	11.53	14.29	24.00	-9.71

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (C) Punctured 0x8 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5210	58.771	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	10.74	11.04	13.90	17.80	-3.90

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) Punctured 0x8 Mode (Mid Gain)

Test Engineer:	84740
Test Date:	1/24/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5210	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	11.42	11.52	14.48	22.70	-8.22

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (C) Punctured 0x8 Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5210	58.771	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	9.02	8.71	11.88	15.70	-3.82

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T (C) Punctured 0x8 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5210	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	10.22	10.82	13.54	21.34	-7.80

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T (C) Punctured 0x8 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5210	58.771	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	7.87	8.15	11.02	14.34	-3.32

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T (N) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5210	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	11.57	12.03	14.82	24.00	-9.18

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T (N) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Low	5210	78.123	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5210	11.05	11.30	14.19	17.80	-3.61

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T (N) MRU Mode (Mid Gain)

Test Engineer:	84740
Test Date:	1/24/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU2	5210	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU2	5210	11.87	11.97	14.93	22.70	-7.77

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T (N) MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU2	5210	78.123	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU2	5210	9.28	9.11	12.21	15.70	-3.49

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T (N) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU2	5210	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU2	5210	11.27	11.61	14.45	21.34	-6.89

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T (N) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU2	5210	78.123	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU2	5210	8.07	8.84	11.48	14.34	-2.86

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T (N) Punctured 0x2 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5210	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.03	11.56	14.31	24.00	-9.69

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T (N) Punctured 0x2 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5210	78.123	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.53	10.59	13.57	17.80	-4.23

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T (N) Punctured 0x2 Mode (Mid Gain)

Test Engineer:	84740
Test Date:	1/24/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5210	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.20	11.31	14.27	22.70	-8.43

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T (N) Punctured 0x2 Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5210	78.123	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	8.84	8.55	11.71	15.70	-3.99

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T (N) Punctured 0x2 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5210	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.39	10.90	13.66	21.34	-7.68

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T (N) Punctured 0x2 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5210	78.123	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	7.88	8.23	11.07	14.34	-3.27

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242 (N) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU3	5210	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5210	11.59	12.07	14.85	24.00	-9.15

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242 (N) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU3	5210	78.141	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5210	10.99	11.38	14.20	17.80	-3.60

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242 (N) MRU Mode (Mid Gain)

Test Engineer:	84740
Test Date:	1/24/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU3	5210	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5210	11.85	11.93	14.90	22.70	-7.80

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242 (N) MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU3	5210	78.141	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5210	9.29	9.13	12.22	15.70	-3.48

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242 (N) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU3	5210	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5210	11.16	11.66	14.43	21.34	-6.91

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242 (N) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU3	5210	78.141	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5210	8.07	8.81	11.47	14.34	-2.87

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242 (N) Punctured 0x4 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5210	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	12.22	11.55	14.91	24.00	-9.09

2TX Chain 0 + Chain 1 CDD MODE (IC) 484T+242 (N) Punctured 0x4 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5210	78.141	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.53	11.09	13.83	17.80	-3.97

2TX Chain 0 + Chain 1 CDD MODE (FCC) 484T+242 (N) Punctured 0x4 Mode (Mid Gain)

Test Engineer:	84740
Test Date:	1/24/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x4	5210	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x4	5210	11.35	11.42	14.40	22.70	-8.30

2TX Chain 0 + Chain 1 CDD MODE (IC) 484T+242 (N) Punctured 0x4 Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x4	5210	78.141	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x4	5210	8.86	8.54	11.71	15.70	-3.99

2TX Chain 0 + Chain 1 CDD MODE (FCC) 484T+242 (N) Punctured 0x4 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x4	5210	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x4	5210	10.40	10.88	13.66	21.34	-7.68

2TX Chain 0 + Chain 1 CDD MODE (IC) 484T+242 (N) Punctured 0x4 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x4	5210	78.141	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x4	5210	7.87	8.16	11.03	14.34	-3.31

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

	(MHz)	Gain for Power (dBi)	Gain for PSD (dBi)	Limit (dBm)
Mid	5210	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.19	10.89	14.05	24.00	-9.95

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5210	77.6200	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	11.19	10.89	14.05	17.80	-3.75

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5210	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	9.40	9.95	12.69	22.70	-10.01

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5210	77.6200	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	9.80	9.62	12.72	15.70	-2.98

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5210	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.17	10.79	13.50	21.34	-7.84

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
Mid	5210	77.6200	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	10.17	10.79	13.50	14.34	-0.84

9.2.9. 802.11be EHT160 MODE IN THE 5.2/5.3 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU Low	5250	5.20	8.21	24.00
MRU High	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU Low	5250	11.34	10.75	14.07	24.00	-9.93
MRU High	5250	11.39	10.58	14.01	24.00	-9.99

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU Low	5250	117.88	5.20	8.21	23.00	17.80
MRU High	5250	117.88	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU Low	5250	11.34	10.75	14.07	17.80	-3.73
MRU High	5250	11.39	10.58	14.01	17.80	-3.79

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU Low	5250	7.30	10.31	22.70
MRU High	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU Low	5250	9.10	9.81	12.48	22.70	-10.22
MRU High	5250	9.12	9.74	12.45	22.70	-10.25

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU Low	5250	117.88	7.30	10.31	23.00	15.70
MRU High	5250	117.88	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU Low	5250	9.65	10.02	12.85	15.70	-2.85
MRU High	5250	9.73	10.08	12.92	15.70	-2.78

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU Low	5250	8.66	11.67	21.34
MRU High	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU Low	5250	10.50	10.47	13.50	21.34	-7.84
MRU High	5250	10.61	10.62	13.63	21.34	-7.71

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU Low	5250	117.88	8.66	11.67	23.00	14.34
MRU High	5250	117.88	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU Low	5250	9.97	10.59	13.30	14.34	-1.04
MRU High	5250	10.03	10.63	13.35	14.34	-0.99

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) Punctured Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0xC0	5250	5.20	8.21	24.00
0x03	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0xC0	5250	10.77	10.39	13.59	24.00	-10.41
0x03	5250	10.92	10.20	13.59	24.00	-10.41

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) Punctured Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0xC0	5250	117.88	5.20	8.21	23.00	17.80
0x03	5250	117.88	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0xC0	5250	10.77	10.39	13.59	17.80	-4.21
0x03	5250	10.92	10.20	13.59	17.80	-4.21

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) Punctured Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0xC0	5250	7.30	10.31	22.70
0x03	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0xC0	5250	8.75	9.21	12.00	22.70	-10.70
0x03	5250	8.70	9.17	11.95	22.70	-10.75

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) Punctured Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0xC0	5250	117.88	7.30	10.31	23.00	15.70
0x03	5250	117.88	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0xC0	5250	8.73	9.23	12.00	15.70	-3.70
0x03	5250	8.69	9.15	11.94	15.70	-3.76

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (C) Punctured Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0xC0	5250	8.66	11.67	21.34
0x03	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0xC0	5250	9.79	9.92	12.87	21.34	-8.47
0x03	5250	9.92	9.99	12.97	21.34	-8.37

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (C) Punctured Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0xC0	5250	117.88	8.66	11.67	23.00	14.34
0x03	5250	117.88	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0xC0	5250	9.62	10.18	12.92	14.34	-1.42
0x03	5250	9.64	10.16	12.92	14.34	-1.42

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+996T (N) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU2	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU2	5250	11.22	10.27	13.78	24.00	-10.22

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+996T (N) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU2	5250	158.04	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU2	5250	11.22	10.27	13.78	17.80	-4.02

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+996T (N) MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU2	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU2	5250	9.17	9.73	12.47	22.70	-10.23

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+996T (N) MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU2	5250	158.04	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU2	5250	9.58	9.70	12.65	15.70	-3.05

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+996T (N) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU2	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU2	5250	10.13	10.12	13.14	21.34	-8.20

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+996T (N) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU2	5250	158.04	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU2	5250	9.91	10.41	13.18	14.34	-1.16

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+996T (N) Punctured 0x0C Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x0C	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x0C	5250	10.71	9.80	13.29	24.00	-10.71

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+996T (N) Punctured 0x0C Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x0C	5250	158.04	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x0C	5250	10.71	9.80	13.29	17.80	-4.51

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+996T (N) Punctured 0x0C Mode (Mid Gain)

Test Engineer:	8552
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x0C	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x0C	5250	8.67	9.14	11.92	22.70	-10.78

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+996T (N) Punctured 0x0C Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x0C	5250	158.04	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x0C	5250	9.05	9.00	12.04	15.70	-3.66

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+996T (N) Punctured 0x0C Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x0C	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x0C	5250	9.61	9.75	12.69	21.34	-8.65

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+996T (N) Punctured 0x0C Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x0C	5250	158.04	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x0C	5250	9.57	10.17	12.89	14.34	-1.45

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU3	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5250	11.11	10.40	13.78	24.00	-10.22

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) MRU Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

		99% BW (MHz)	Gain for Power (dBi)	Gain for PSD (dBi)	Power Limit (dBm)	Limit (dBm)
MRU3	5250	157.88	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5250	11.11	10.40	13.78	17.80	-4.02

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
MRU3	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5250	9.11	9.73	12.44	22.70	-10.26

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) MRU Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU3	5250	157.88	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5250	9.69	9.68	12.70	15.70	-3.00

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

	(MHz)	Gain for Power (dBi)	Gain for PSD (dBi)	Limit (dBm)
MRU3	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5250	10.15	10.14	13.16	21.34	-8.18

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) MRU Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
MRU3	5250	157.88	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU3	5250	10.02	10.57	13.31	14.34	-1.03

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) Punctured 0x30 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x30	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x30	5250	10.63	9.85	13.27	24.00	-10.73

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) Punctured 0x30 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x30	5250	157.88	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x30	5250	10.63	9.85	13.27	17.80	-4.53

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) Punctured 0x30 Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x30	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x30	5250	8.67	9.17	11.94	22.70	-10.76

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) Punctured 0x30 Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x30	5250	157.88	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x30	5250	9.02	9.12	12.08	15.70	-3.62

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T (N) Punctured 0x30 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x30	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x30	5250	9.55	9.64	12.61	21.34	-8.73

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T (N) Punctured 0x30 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x30	5250	157.88	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x30	5250	9.60	10.13	12.88	14.34	-1.46

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (C) Punctured Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x80	5250	5.20	8.21	24.00
0x01	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x80	5250	10.90	10.13	13.54	24.00	-10.46
0x01	5250	10.92	10.17	13.57	24.00	-10.43

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (C) Punctured Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x80	5250	137.19	5.20	8.21	23.00	17.80
0x01	5250	137.19	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x80	5250	10.90	10.13	13.54	17.80	-4.26
0x01	5250	10.92	10.17	13.57	17.80	-4.23

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (C) Punctured Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x80	5250	7.30	10.31	22.70
0x01	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x80	5250	8.62	9.24	11.95	22.70	-10.75
0x01	5250	8.75	9.27	12.03	22.70	-10.67

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (C) Punctured Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x80	5250	137.19	7.30	10.31	23.00	15.70
0x01	5250	137.19	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x80	5250	9.37	9.41	12.40	15.70	-3.30
0x01	5250	8.75	8.97	11.87	15.70	-3.83

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (C) Punctured Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

	(MHz)	Gain for Power (dBi)	Gain for PSD (dBi)	Limit (dBm)
0x80	5250	8.66	11.67	21.34
0x01	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x80	5250	9.75	9.81	12.79	21.34	-8.55
0x01	5250	9.81	9.97	12.90	21.34	-8.44

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (C) Punctured Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x80	5250	137.19	8.66	11.67	23.00	14.34
0x01	5250	137.19	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x80	5250	9.49	10.07	12.80	14.34	-1.54
0x01	5250	9.43	10.08	12.78	14.34	-1.56

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T+996T (N) Punctured 0x02 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x02	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x02	5250	10.79	9.98	13.41	24.00	-10.59

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T+996T (N) Punctured 0x02 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x02	5250	157.51	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x02	5250	10.79	9.98	13.41	17.80	-4.39

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T+996T (N) Punctured 0x02 Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x02	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x02	5250	8.76	9.17	11.98	22.70	-10.72

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T+996T (N) Punctured 0x02 Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x02	5250	157.51	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x02	5250	8.57	8.78	11.69	15.70	-4.01

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 242T+484T+996T (N) Punctured 0x02 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

	(MHz)	Gain for Power (dBi)	Gain for PSD (dBi)	Limit (dBm)
0x02	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x02	5250	9.81	9.91	12.87	21.34	-8.47

2TX Chain 0 + Chain 1 CDD MODE (IC) : 242T+484T+996T (N) Punctured 0x02 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x02	5250	157.51	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x02	5250	9.62	10.07	12.86	14.34	-1.48

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T+996T (N) Punctured Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x04	5250	5.20	8.21	24.00
0x08	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x04	5250	10.74	9.93	13.36	24.00	-10.64
0x08	5250	10.68	10.05	13.39	24.00	-10.61

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T+996T (N) Punctured Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x04	5250	157.68	5.20	8.21	23.00	17.80
0x08	5250	157.37	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x04	5250	10.74	9.93	13.36	17.80	-4.44
0x08	5250	10.68	10.05	13.39	17.80	-4.41

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T+996T (N) Punctured Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x04	5250	7.30	10.31	22.70
0x08	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x04	5250	8.71	9.21	11.98	22.70	-10.72
0x08	5250	8.75	9.17	11.98	22.70	-10.72

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T+996T (N) Punctured Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x04	5250	157.68	7.30	10.31	23.00	15.70
0x08	5250	157.37	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x04	5250	8.51	8.80	11.67	15.70	-4.03
0x08	5250	9.07	9.12	12.11	15.70	-3.59

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 484T+242T+996T (N) Punctured Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x04	5250	8.66	11.67	21.34
0x08	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x04	5250	9.68	9.77	12.74	21.34	-8.60
0x08	5250	9.69	9.73	12.72	21.34	-8.62

2TX Chain 0 + Chain 1 CDD MODE (IC) : 484T+242T+996T (N) Punctured Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x04	5250	157.68	8.66	11.67	23.00	14.34
0x08	5250	157.37	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x04	5250	9.67	10.28	13.00	14.34	-1.34
0x08	5250	9.65	10.26	12.98	14.34	-1.36

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+242T+484T (N) Punctured Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x10	5250	5.20	8.21	24.00
0x20	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x10	5250	10.63	10.07	13.37	24.00	-10.63
0x20	5250	10.73	10.05	13.41	24.00	-10.59

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+242T+484T (N) Punctured Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x10	5250	156.94	5.20	8.21	23.00	17.80
0x20	5250	157.58	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x10	5250	10.63	10.07	13.37	17.80	-4.43
0x20	5250	10.73	10.05	13.41	17.80	-4.39

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+242T+484T (N) Punctured Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x10	5250	7.30	10.31	22.70
0x20	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x10	5250	8.71	9.25	12.00	22.70	-10.70
0x20	5250	8.75	9.23	12.01	22.70	-10.69

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+242T+484T (N) Punctured Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x10	5250	156.94	7.30	10.31	23.00	15.70
0x20	5250	157.58	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x10	5250	9.44	9.02	12.25	15.70	-3.45
0x20	5250	9.26	9.03	12.16	15.70	-3.54

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+242T+484T (N) Punctured Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x10	5250	8.66	11.67	21.34
0x20	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x10	5250	9.62	9.78	12.71	21.34	-8.63
0x20	5250	9.58	9.80	12.70	21.34	-8.64

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+242T+484T (N) Punctured Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x10	5250	156.94	8.66	11.67	23.00	14.34
0x20	5250	157.58	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x10	5250	9.69	10.24	12.98	14.34	-1.36
0x20	5250	9.69	10.23	12.98	14.34	-1.36

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (N) Punctured 0x40 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

	(MHz)	Gain for Power (dBi)	Gain for PSD (dBi)	Limit (dBm)
0x40	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x40	5250	10.78	10.14	13.48	24.00	-10.52

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (N) Punctured 0x40 Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x40	5250	157.35	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x40	5250	10.78	10.14	13.48	17.80	-4.32

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (N) Punctured 0x40 Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x40	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x40	5250	8.76	9.28	12.04	22.70	-10.66

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (N) Punctured 0x40 Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x40	5250	157.35	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x40	5250	9.02	9.12	12.08	15.70	-3.62

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 996T+484T+242T (N) Punctured 0x40 Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
0x40	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x40	5250	9.63	9.82	12.74	21.34	-8.60

2TX Chain 0 + Chain 1 CDD MODE (IC) : 996T+484T+242T (N) Punctured 0x40 Mode (High Gain)

Test Engineer:	855020
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
0x40	5250	157.35	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x40	5250	9.71	10.20	12.97	14.34	-1.37

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 2x996T Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
68	5250	5.20	8.21	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
68	5250	11.40	11.19	14.31	24.00	-9.69

2TX Chain 0 + Chain 1 CDD MODE (IC) : 2x996T Mode (Low Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
68	5250	157.04	5.20	8.21	23.00	17.80

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
68	5250	11.40	11.19	14.31	17.80	-3.49

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 2x996T Mode (Mid Gain)

Test Engineer:	84740
Test Date:	1/24/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
68	5250	7.30	10.31	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
68	5250	11.02	11.03	14.04	22.70	-8.66

2TX Chain 0 + Chain 1 CDD MODE (IC) : 2x996T Mode (Mid Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
68	5250	157.04	7.30	10.31	23.00	15.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
68	5250	11.02	11.03	14.04	15.70	-1.66

2TX Chain 0 + Chain 1 CDD MODE (FCC) : 2x996T Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
68	5250	8.66	11.67	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
68	5250	8.72	8.76	11.75	21.34	-9.59

2TX Chain 0 + Chain 1 CDD MODE (IC) : 2x996T Mode (High Gain)

Test Engineer:	85502
Test Date:	1/21/2025

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)
68	5250	157.04	8.66	11.67	23.00	14.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
68	5250	8.53	8.68	11.62	14.34	-2.72

9.2.10. 802.11a MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	104463/85502
Test Date:	11/7/2024

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	21.40	16.5960	5.20	8.21
Mid	5300	21.32	16.5290	5.20	8.21
High	5320	21.40	16.6250	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	24.00	23.20	29.20	23.20	8.79	11.00	8.79
Mid	5300	24.00	23.18	29.18	23.18	8.79	11.00	8.79
High	5320	24.00	23.21	29.21	23.21	8.79	11.00	8.79

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.25	16.38	19.33	23.20	-3.87
Mid	5300	16.71	16.39	19.56	23.18	-3.62
High	5320	15.01	15.44	18.24	23.21	-4.97

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	21.40	16.5960	7.30	10.31
Mid	5300	21.32	16.5290	7.30	10.31
High	5320	21.40	16.6250	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	22.70	23.20	29.20	21.90	6.69	11.00	6.69
Mid	5300	22.70	23.18	29.18	21.88	6.69	11.00	6.69
High	5320	22.70	23.21	29.21	21.91	6.69	11.00	6.69

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	14.82	13.89	17.39	21.90	-4.51
Mid	5300	14.74	13.82	17.31	21.88	-4.57
High	5320	14.70	14.32	17.52	21.91	-4.38

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	33499/84740
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	21.40	16.5960	8.66	11.67
Mid	5300	21.32	16.5290	8.66	11.67
High	5320	21.40	16.6250	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	21.34	23.20	29.20	20.54	5.33	11.00	5.33
Mid	5300	21.34	23.18	29.18	20.52	5.33	11.00	5.33
High	5320	21.34	23.21	29.21	20.55	5.33	11.00	5.33

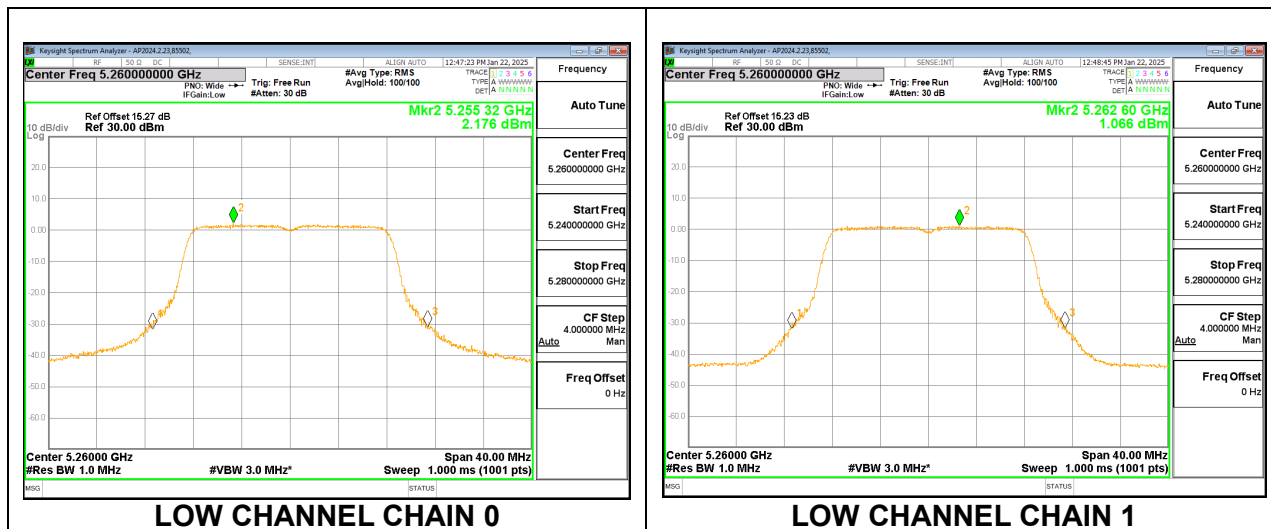
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	13.31	13.40	16.37	20.54	-4.17
Mid	5300	13.39	13.18	16.30	20.52	-4.23
High	5320	13.38	13.29	16.35	20.55	-4.20

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5260	2.18	1.07	4.67	5.33	-0.66
Mid	5300	1.98	1.10	4.58	5.33	-0.75
High	5320	1.82	1.07	4.47	5.33	-0.86



9.2.11. 802.11n HT20 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	108387/85502
Test Date:	11/7/2024

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5260	22.680	17.758	5.20
Mid	5300	22.720	17.723	5.20
High	5320	22.440	17.778	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5260	24.00	23.49	29.49	23.49
Mid	5300	24.00	23.49	29.49	23.49
High	5320	24.00	23.50	29.50	23.50

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	15.80	16.54	19.20	23.49	-4.30
Mid	5300	17.50	17.37	20.45	23.49	-3.04
High	5320	15.07	15.26	18.18	23.50	-5.32

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	108387
Test Date:	1/21/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5260	22.680	17.758	7.30
Mid	5300	22.720	17.723	7.30
High	5320	22.440	17.778	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5260	22.70	23.49	29.49	22.19
Mid	5300	22.70	23.49	29.49	22.19
High	5320	22.70	23.50	29.50	22.20

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	13.65	13.54	16.61	22.19	-5.59
Mid	5300	13.52	13.53	16.54	22.19	-5.65
High	5320	14.12	13.80	16.97	22.20	-5.23

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	33499/84740
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5260	22.680	17.758	8.66
Mid	5300	22.720	17.723	8.66
High	5320	22.440	17.778	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5260	21.34	23.49	29.49	20.83
Mid	5300	21.34	23.49	29.49	20.83
High	5320	21.34	23.50	29.50	20.84

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	13.77	13.88	16.84	20.83	-4.00
Mid	5300	13.82	13.72	16.78	20.83	-4.04
High	5320	12.62	12.38	15.51	20.84	-5.33

9.2.12. 802.11n HT40 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5270	45.76	36.538	5.20	8.21
High	5310	46.40	36.462	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5270	24.00	24.00	30.00	24.00	8.79	11.00	8.79
High	5310	24.00	24.00	30.00	24.00	8.79	11.00	8.79

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	16.11	16.44	19.29	24.00	-4.71
High	5310	12.67	12.78	15.74	24.00	-8.26

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5270	45.76	36.538	7.30	10.31
High	5310	46.40	36.462	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5270	22.70	24.00	30.00	22.70	6.69	11.00	6.69
High	5310	22.70	24.00	30.00	22.70	6.69	11.00	6.69

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	15.22	15.17	18.21	22.70	-4.49
High	5310	12.00	11.83	14.93	22.70	-7.77

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	
Test Date:	

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5270	45.76	36.538	8.66	11.67
High	5310	46.40	36.462	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5270	21.34	24.00	30.00	21.34	5.33	11.00	5.33
High	5310	21.34	24.00	30.00	21.34	5.33	11.00	5.33

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	14.72	14.77	17.76	21.34	-3.58
High	5310	11.51	11.41	14.47	21.34	-6.87

9.2.13. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	33499/84740
Test Date:	2025-01-22

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	93.60	76.128	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	13.87	13.29	16.60	24.00	-7.40

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	93.60	76.128	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.90	12.61	15.77	22.70	-6.93

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	33499/84740
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	93.60	76.128	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.06	11.58	14.34	21.34	-7.00

9.2.14. 802.11be EHT20 MODE 2TX IN THE 5.3GHz BAND (FCC+IC)

2TX CHAIN 0 + CHAIN 1 CDD MODE: 26T (Low Gain)

Test Engineer:	33499/84740
Test Date:	2025-01-22

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	20.32	2.1176	5.20	8.21
Mid	5300	18.24	2.5800	5.20	8.21
High	5320	20.20	2.1365	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	24.00	14.26	20.26	14.26	8.79	11.00	8.79
Mid	5300	23.61	15.12	21.12	15.12	8.79	11.00	8.79
High	5320	24.00	14.30	20.30	14.30	8.79	11.00	8.79

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.41	8.24	11.34	14.26	-2.92
Mid	5300	8.84	7.57	11.26	15.12	-3.85
High	5320	8.21	8.12	11.18	14.30	-3.12

2TX CHAIN 0 + CHAIN 1 CDD MODE: 26T (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	20.32	2.1176	7.30	10.31
Mid	5300	18.24	2.5800	7.30	10.31
High	5320	20.20	2.1365	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	22.70	14.26	20.26	12.96	6.69	11.00	6.69
Mid	5300	22.31	15.12	21.12	13.82	6.69	11.00	6.69
High	5320	22.70	14.30	20.30	13.00	6.69	11.00	6.69

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	7.19	6.40	9.82	12.96	-3.14
Mid	5300	7.02	6.20	9.64	13.82	-4.18
High	5320	7.11	6.54	9.84	13.00	-3.15

2TX CHAIN 0 + CHAIN 1 CDD MODE: 26T (High Gain)

Test Engineer:	104463/85501
Test Date:	2024-01-07

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	20.32	2.1176	8.66	11.67
Mid	5300	18.24	2.5800	8.66	11.67
High	5320	20.20	2.1365	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	21.34	14.26	20.26	11.60	5.33	11.00	5.33
Mid	5300	20.95	15.12	21.12	12.46	5.33	11.00	5.33
High	5320	21.34	14.30	20.30	11.64	5.33	11.00	5.33

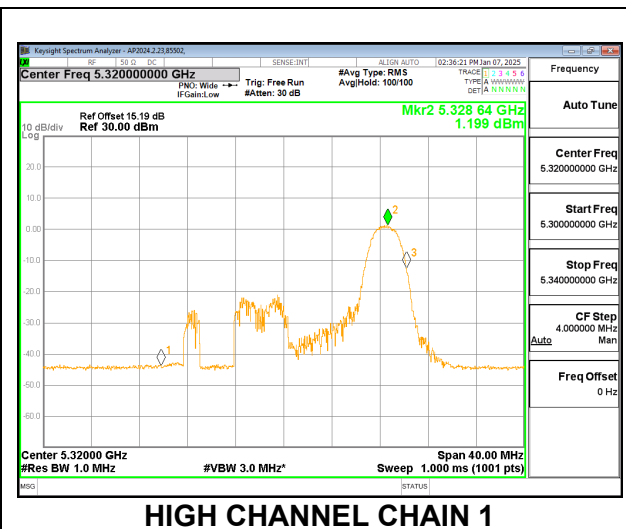
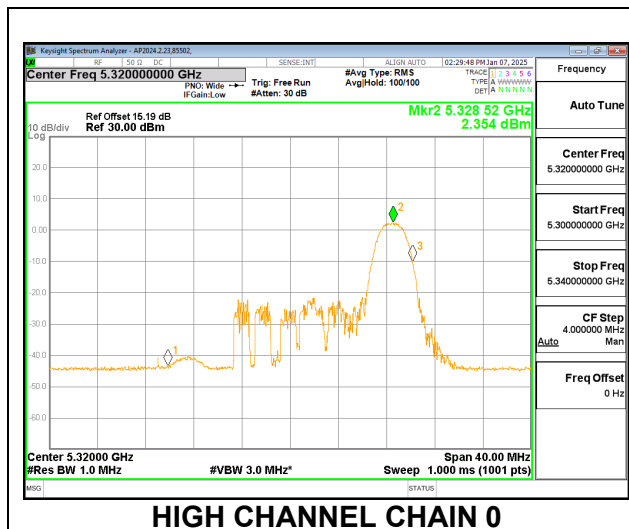
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	4.48	4.64	7.57	11.60	-4.03
Mid	5300	5.93	5.89	8.92	12.46	-3.54
High	5320	5.68	5.54	8.62	11.64	-3.02

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5260	1.97	0.74	4.41	5.33	-0.92
Mid	5300	2.12	1.23	4.71	5.33	-0.62
High	5320	2.35	1.20	4.83	5.33	-0.50



2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	20.44	4.0673	5.20	8.21
Mid	5300	18.44	4.0831	5.20	8.21
High	5320	20.56	4.0993	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	24.00	17.09	23.09	17.09	8.79	11.00	8.79
Mid	5300	23.66	17.11	23.11	17.11	8.79	11.00	8.79
High	5320	24.00	17.13	23.13	17.13	8.79	11.00	8.79

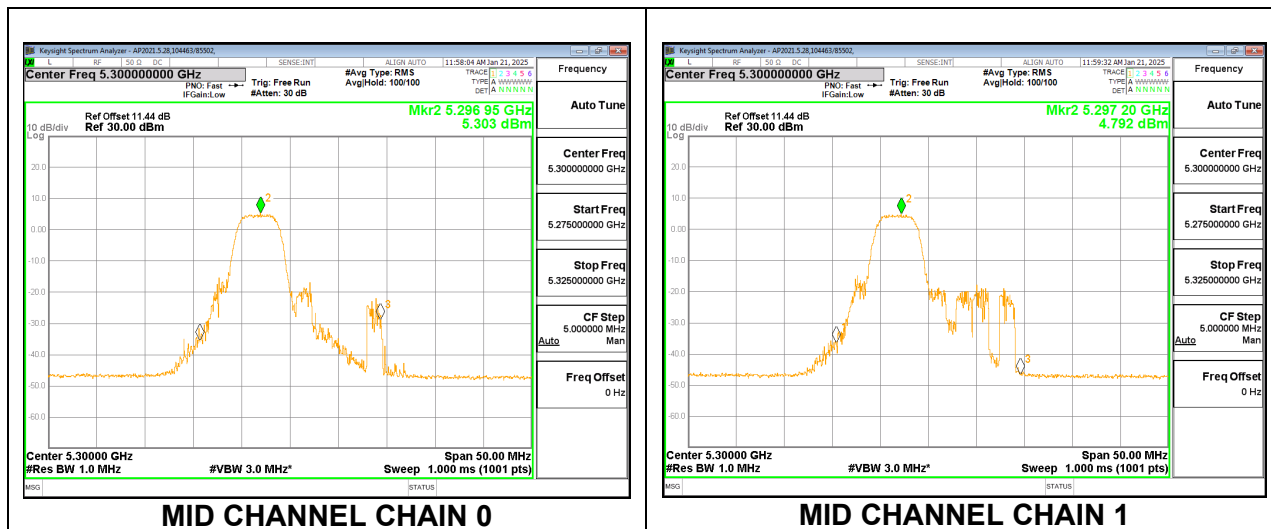
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.18	10.91	14.06	17.09	-3.04
Mid	5300	11.67	11.29	14.49	17.11	-2.62
High	5320	11.27	10.98	14.14	17.13	-2.99

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5260	4.582	4.943	7.78	8.79	-1.01
Mid	5300	5.303	4.792	8.07	8.79	-0.72
High	5320	4.540	4.282	7.42	8.79	-1.37



2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	20.44	4.0673	7.30	10.31
Mid	5300	18.44	4.0831	7.30	10.31
High	5320	20.56	4.0993	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	22.70	17.09	23.09	15.79	6.69	11.00	6.69
Mid	5300	22.36	17.11	23.11	15.81	6.69	11.00	6.69
High	5320	22.70	17.13	23.13	15.83	6.69	11.00	6.69

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.47	8.15	11.32	15.79	-4.47
Mid	5300	8.52	7.91	11.24	15.81	-4.57
High	5320	8.67	8.25	11.48	15.83	-4.35

2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-07

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	20.44	4.0673	8.66	11.67
Mid	5300	18.44	4.0831	8.66	11.67
High	5320	20.56	4.0993	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	21.34	17.09	23.09	14.43	5.33	11.00	5.33
Mid	5300	21.00	17.11	23.11	14.45	5.33	11.00	5.33
High	5320	21.34	17.13	23.13	14.47	5.33	11.00	5.33

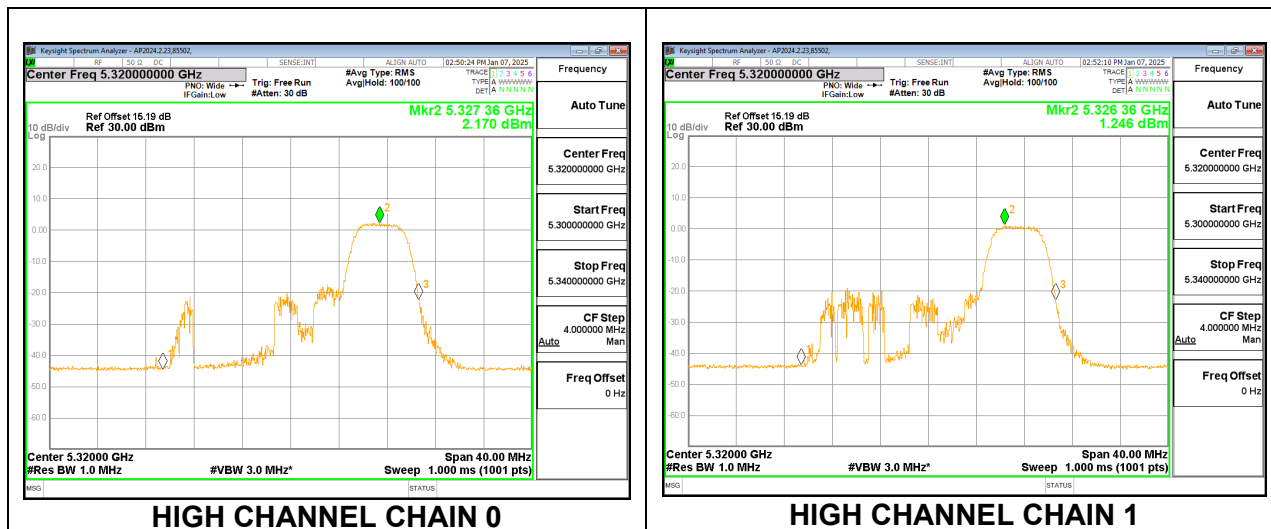
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	7.49	6.87	10.20	14.43	-4.23
Mid	5300	7.88	7.19	10.56	14.45	-3.89
High	5320	7.93	8.00	10.98	14.47	-3.49

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5260	1.97	1.20	4.61	5.33	-0.72
Mid	5300	1.88	1.30	4.61	5.33	-0.72
High	5320	2.17	1.25	4.74	5.33	-0.59



2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T+26T (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5260	19.12	6.1268	5.20
Mid	5300	19.16	6.1393	5.20
High	5320	19.40	6.1342	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5260	23.81	18.87	24.87	18.87
Mid	5300	23.82	18.88	24.88	18.88
High	5320	23.88	18.88	24.88	18.88

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.43	11.26	14.36	18.87	-4.52
Mid	5300	11.49	11.27	14.39	18.88	-4.49
High	5320	11.61	11.28	14.46	18.88	-4.42

2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T+26T (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5260	19.12	6.1268	7.30
Mid	5300	19.16	6.1393	7.30
High	5320	19.40	6.1342	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5260	22.51	18.87	24.87	17.57
Mid	5300	22.52	18.88	24.88	17.58
High	5320	22.58	18.88	24.88	17.58

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.33	7.93	11.14	17.57	-6.43
Mid	5300	8.37	7.88	11.14	17.58	-6.44
High	5320	8.27	8.07	11.18	17.58	-6.40

2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T+26T (High Gain)

Test Engineer:	
Test Date:	

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5260	19.12	6.1268	8.66
Mid	5300	19.16	6.1393	8.66
High	5320	19.40	6.1342	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5260	21.15	18.87	24.87	16.21
Mid	5300	21.16	18.88	24.88	16.22
High	5320	21.22	18.88	24.88	16.22

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	8.78	8.90	11.85	16.21	-4.36
Mid	5300	8.92	8.77	11.86	16.22	-4.37
High	5320	8.33	8.36	11.36	16.22	-4.86

2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	20.76	8.4494	5.20	8.21
Mid	5300	20.80	8.4247	5.20	8.21
High	5320	20.68	8.4388	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	24.00	20.27	26.27	20.27	8.79	11.00	8.79
Mid	5300	24.00	20.26	26.26	20.26	8.79	11.00	8.79
High	5320	24.00	20.26	26.26	20.26	8.79	11.00	8.79

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	14.94	14.66	17.81	20.27	-2.46
Mid	5300	14.91	14.51	17.72	20.26	-2.53
High	5320	14.94	14.60	17.78	20.26	-2.48

2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	20.76	8.4494	7.30	10.31
Mid	5300	20.80	8.4247	7.30	10.31
High	5320	20.68	8.4388	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	22.70	20.27	26.27	18.97	6.69	11.00	6.69
Mid	5300	22.70	20.26	26.26	18.96	6.69	11.00	6.69
High	5320	22.70	20.26	26.26	18.96	6.69	11.00	6.69

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.67	10.80	14.27	18.97	-4.70
Mid	5300	11.51	10.78	14.17	18.96	-4.78
High	5320	11.43	10.86	14.16	18.96	-4.80

2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-21, 2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	20.76	8.4494	8.66	11.67
Mid	5300	20.80	8.4247	8.66	11.67
High	5320	20.68	8.4388	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	21.34	20.27	26.27	17.61	5.33	11.00	5.33
Mid	5300	21.34	20.26	26.26	17.60	5.33	11.00	5.33
High	5320	21.34	20.26	26.26	17.60	5.33	11.00	5.33

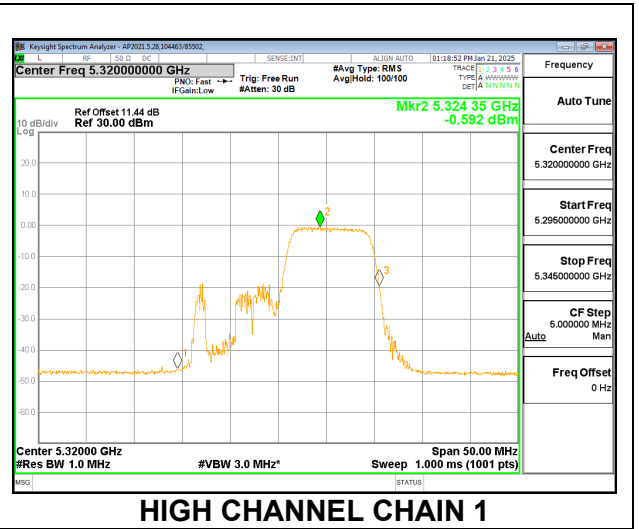
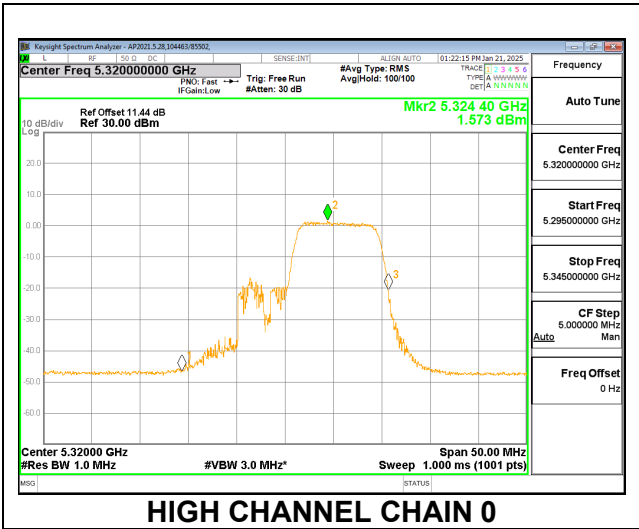
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.19	11.27	14.24	17.61	-3.37
Mid	5300	11.26	11.23	14.26	17.60	-3.34
High	5320	11.40	11.25	14.34	17.60	-3.27

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5260	0.74	-0.26	3.28	5.33	-2.05
Mid	5300	1.09	-0.73	3.29	5.33	-2.04
High	5320	1.57	-0.59	3.63	5.33	-1.70



2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T+26T (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5260	21.00	11.0300	5.20
Mid	5300	21.00	10.9370	5.20
High	5320	21.24	10.9130	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5260	24.00	21.43	27.43	21.43
Mid	5300	24.00	21.39	27.39	21.39
High	5320	24.00	21.38	27.38	21.38

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	14.88	14.62	17.76	21.43	-3.66
Mid	5300	14.91	14.64	17.79	21.39	-3.60
High	5320	14.97	14.62	17.81	21.38	-3.57

2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T+26T (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5260	21.00	11.0300	7.30
Mid	5300	21.00	10.9370	7.30
High	5320	21.24	10.9130	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5260	22.70	21.43	27.43	20.13
Mid	5300	22.70	21.39	27.39	20.09
High	5320	22.70	21.38	27.38	20.08

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.84	11.07	14.48	20.13	-5.64
Mid	5300	11.72	10.95	14.36	20.09	-5.73
High	5320	11.82	10.99	14.44	20.08	-5.64

2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T+26T (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-07

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5260	21.00	11.0300	8.66
Mid	5300	21.00	10.9370	8.66
High	5320	21.24	10.9130	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5260	21.34	21.43	27.43	18.77
Mid	5300	21.34	21.39	27.39	18.73
High	5320	21.34	21.38	27.38	18.72

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.23	11.24	14.25	18.77	-4.52
Mid	5300	11.44	11.35	14.41	18.73	-4.32
High	5320	11.46	11.31	14.40	18.72	-4.32

2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	22.40	18.9520	5.20	8.21
Mid	5300	22.40	18.9560	5.20	8.21
High	5320	22.76	19.0270	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	24.00	23.78	29.78	23.78	8.79	11.00	8.79
Mid	5300	24.00	23.78	29.78	23.78	8.79	11.00	8.79
High	5320	24.00	23.79	29.79	23.79	8.79	11.00	8.79

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	16.47	16.29	19.39	23.78	-4.39
Mid	5300	16.43	16.19	19.32	23.78	-4.46
High	5320	15.29	15.17	18.24	23.79	-5.55

2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T (Mid Gain)

Test Engineer:	84740, 108387
Test Date:	2024-11-12, 2025-01-22

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5260	22.40	18.9520	7.30	10.31
Mid	5300	22.40	18.9560	7.30	10.31
High	5320	22.76	19.0270	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	22.70	23.78	29.78	22.48	6.69	11.00	6.69
Mid	5300	22.70	23.78	29.78	22.48	6.69	11.00	6.69
High	5320	22.70	23.79	29.79	22.49	6.69	11.00	6.69

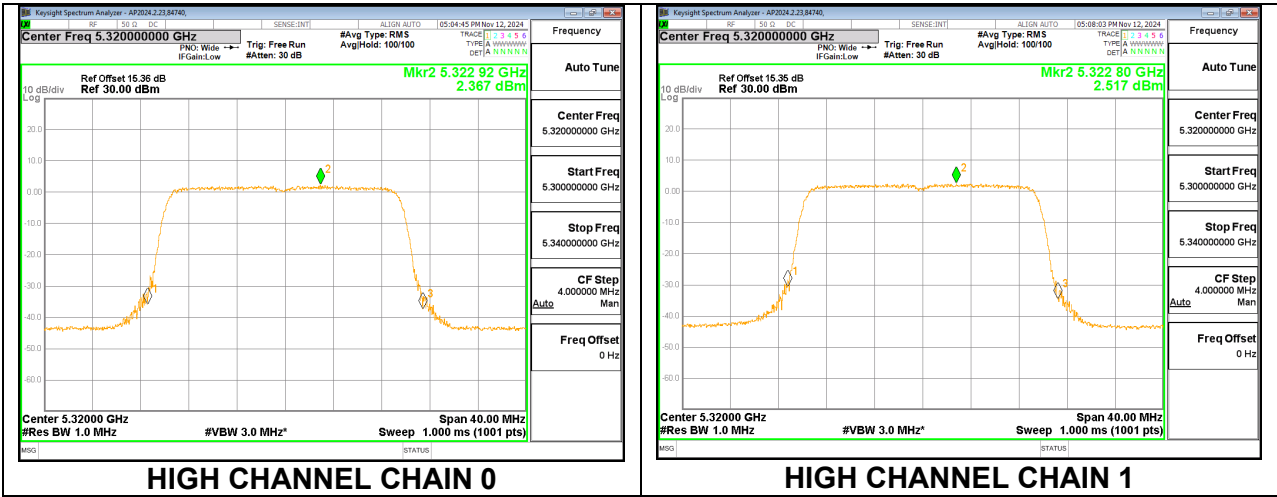
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	14.25	13.41	16.86	22.48	-5.62
Mid	5300	14.11	13.31	16.74	22.48	-5.74
High	5320	14.07	13.82	16.96	22.49	-5.54

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5260	2.280	2.454	5.38	6.69	-1.31
Mid	5300	2.181	2.258	5.23	6.69	-1.46
High	5320	2.367	2.517	5.45	6.69	-1.24



2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T (High Gain)

Test Engineer:	84740
Test Date:	2025-01-21, 2025-01-25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5260	21.34	23.78	29.78	21.12	5.33	11.00	5.33
Mid	5300	21.34	23.78	29.78	21.12	5.33	11.00	5.33
High	5320	21.34	23.79	29.79	21.13	5.33	11.00	5.33

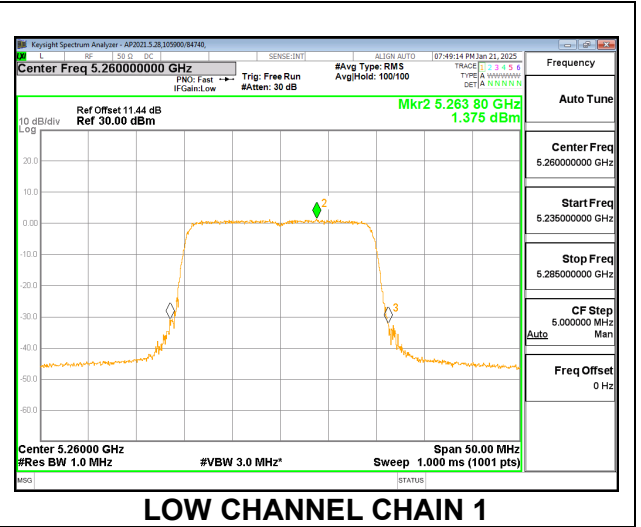
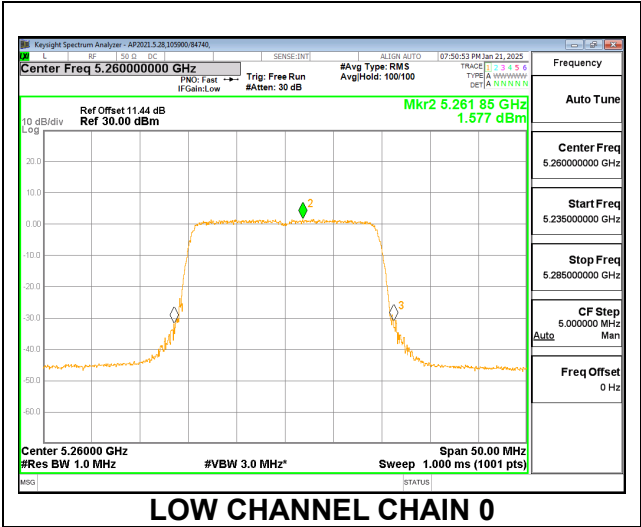
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	13.78	13.77	16.79	21.12	-4.33
Mid	5300	13.78	13.69	16.75	21.12	-4.37
High	5320	13.12	12.90	16.02	21.13	-5.11

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5260	1.577	1.375	4.49	5.33	-0.84
Mid	5300	1.158	0.769	3.98	5.33	-1.35
High	5320	1.009	0.520	3.78	5.33	-1.55



9.2.15. 802.11be EHT40 MODE 2TX IN THE 5.3GHz BAND (FCC+IC)

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5270	45.20	37.9400	5.20	8.21
High	5310	45.20	37.9510	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5270	24.00	24.00	30.00	24.00	8.79	11.00	8.79
High	5310	24.00	24.00	30.00	24.00	8.79	11.00	8.79

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	12.95	12.59	15.78	24.00	-8.22
High	5310	13.29	13.18	16.25	24.00	-7.75

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5270	45.20	37.9400	7.30	10.31
High	5310	45.20	37.9510	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5270	22.70	24.00	30.00	22.70	6.69	11.00	6.69
High	5310	22.70	24.00	30.00	22.70	6.69	11.00	6.69

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	11.92	11.97	14.96	22.70	-7.74
High	5310	11.93	11.91	14.93	22.70	-7.77

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5270	45.20	37.9400	8.66	11.67
High	5310	45.20	37.9510	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5270	21.34	24.00	30.00	21.34	5.33	11.00	5.33
High	5310	21.34	24.00	30.00	21.34	5.33	11.00	5.33

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 Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	11.71	11.72	14.73	21.34	-6.61
High	5310	12.24	12.21	15.24	21.34	-6.10

9.2.16. 802.11be EHT80 MODE 2TX IN THE 5.3GHz BAND (FCC+IC)

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) MRU HIGH (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	85.28	58.8760	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.97	12.50	15.75	24.00	-8.25

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) MRU HIGH (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	85.28	58.8760	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.95	11.98	14.98	22.70	-7.72

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) MRU HIGH (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	85.28	58.8760	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.75	11.67	14.72	21.34	-6.62

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) Punctured Mode 0x1 (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	85.28	58.8760	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.45	12.38	15.43	24.00	-8.57

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) Punctured Mode 0x1 (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	85.28	58.8760	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.50	11.37	14.45	22.70	-8.25

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (C) Punctured Mode 0x1 (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	85.28	58.8760	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.20	11.09	14.16	21.34	-7.18

2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) MRU2 (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	90.88	78.1100	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.87	12.39	15.65	24.00	-8.35

2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) MRU2 (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	90.88	78.1100	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.80	11.87	14.85	22.70	-7.85

2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) MRU2 (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	90.88	78.1100	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.50	11.53	14.53	21.34	-6.81

2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) Punctured Mode 0x2 (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	90.88	78.1100	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.38	11.87	15.14	24.00	-8.86

2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) Punctured Mode 0x2 (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	90.88	78.1100	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.41	11.33	14.38	22.70	-8.32

2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T+484T (N) Punctured Mode 0x2 (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	90.88	78.1100	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.08	10.95	14.03	21.34	-7.31

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) MRU 3 (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	91.84	78.0850	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.84	12.34	15.61	24.00	-8.39

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) MRU 3 (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	91.84	78.0850	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.86	11.89	14.89	21.34	-6.45

2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) MRU 3 (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	91.84	78.0850	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.63	11.55	14.60	21.34	-6.74

2Tx CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) Punctured Mode 0x4 (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	91.84	78.0850	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.27	11.73	15.02	24.00	-8.98

2Tx CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) Punctured Mode 0x4 (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	91.84	78.0850	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.22	11.42	14.33	22.70	-8.37

2Tx CHAIN 0 + CHAIN 1 CDD MODE: 484T+242T (N) Punctured Mode 0x4 (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	91.84	78.0850	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.16	10.98	14.08	21.34	-7.26

2Tx CHAIN 0 + CHAIN 1 CDD MODE: 996T (Low Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	90.24	77.9090	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	12.92	12.28	15.62	24.00	-8.38

2Tx CHAIN 0 + CHAIN 1 CDD MODE: 996T (Mid Gain)

Test Engineer:	108387
Test Date:	1/22/2025

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	90.24	77.9090	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.76	11.85	14.82	22.70	-7.88

2Tx CHAIN 0 + CHAIN 1 CDD MODE: 996T (High Gain)

Test Engineer:	104463/85502
Test Date:	2025-01-25

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Mid	5290	90.24	77.9090	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5290	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	11.07	11.54	14.32	21.34	-7.02

9.2.17. 802.11a MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Direction Gain for PSD (dBi)
Low	5500	21.36	16.556	5.20	8.21
Mid	5580	21.56	16.542	5.20	8.21
High	5700	21.40	16.572	5.20	8.21
144	5720	16.28	16.575	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)
Low	5500	24.00	23.19	29.19	23.19	8.79	11.00
Mid	5580	24.00	23.19	29.19	23.19	8.79	11.00
High	5700	24.00	23.19	29.19	23.19	8.79	11.00
144	5720	23.12	23.19	29.19	23.12	8.79	11.00

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

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	13.77	14.98	17.43	23.19	-5.76
Mid	5580	15.07	16.42	18.81	23.19	-4.38
High	5700	13.05	14.24	16.70	23.19	-6.50
144	5720	15.55	16.11	18.85	23.12	-4.27

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Direction Gain for PSD (dBi)
Low	5500	21.36	16.556	7.30	10.31
Mid	5580	21.56	16.542	7.30	10.31
High	5700	21.40	16.572	7.30	10.31
144	5720	16.28	16.575	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)
Low	5500	22.70	23.19	29.19	21.89	6.69	11.00
Mid	5580	22.70	23.19	29.19	21.89	6.69	11.00
High	5700	22.70	23.19	29.19	21.89	6.69	11.00
144	5720	21.82	23.19	29.19	21.82	6.69	11.00

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

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.33	15.55	17.99	21.89	-3.90
Mid	5580	14.74	14.71	17.74	21.89	-4.15
High	5700	13.05	14.24	16.70	21.89	-5.20
144	5720	15.38	15.41	18.41	21.82	-3.41

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	21.36	16.556	8.66	11.67
Mid	5580	21.56	16.542	8.66	11.67
High	5700	21.40	16.572	8.66	11.67
144	5720	16.28	16.575	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)
Low	5500	21.34	23.19	29.19	20.53	5.33	11.00
Mid	5580	21.34	23.19	29.19	20.53	5.33	11.00
High	5700	21.34	23.19	29.19	20.53	5.33	11.00
144	5720	20.46	23.19	29.19	20.46	5.33	11.00

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

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	13.68	14.02	16.86	20.53	-3.67
Mid	5580	13.43	13.89	16.68	20.53	-3.85
High	5700	13.15	13.56	16.37	20.53	-4.16
144	5720	12.95	13.28	16.13	20.46	-4.33

9.2.18. 802.11n HT20 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	22.60	17.779	5.20	8.21
Mid	5580	22.68	17.744	5.20	8.21
High	5700	22.44	17.773	5.20	8.21
144	5720	16.44	17.762	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	24.00	23.50	29.50	23.50
Mid	5580	24.00	23.49	29.49	23.49
High	5700	24.00	23.50	29.50	23.50
144	5720	23.16	23.49	29.49	23.16

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	13.60	14.45	17.06	23.50	-6.44
Mid	5580	15.03	16.33	18.74	23.49	-4.75
High	5700	12.34	13.57	16.01	23.50	-7.49
144	5720	17.13	17.13	20.14	23.16	-3.02

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	22.60	17.779	7.30	10.31
Mid	5580	22.68	17.744	7.30	10.31
High	5700	22.44	17.773	7.30	10.31
144	5720	16.44	17.762	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	22.70	23.50	29.50	22.20
Mid	5580	22.70	23.49	29.49	22.19
High	5700	22.70	23.50	29.50	22.20
144	5720	21.86	23.49	29.49	21.86

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	13.32	14.42	16.92	22.20	-5.28
Mid	5580	14.66	14.79	17.74	22.19	-4.45
High	5700	12.34	13.57	16.01	22.20	-6.19
144	5720	15.50	15.45	18.49	21.86	-3.37

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	85502, 104463/85502
Test Date:	2025/01/24, 2025/04/11

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	22.60	17.779	8.66	11.67
Mid	5580	22.68	17.744	8.66	11.67
High	5700	22.44	17.773	8.66	11.67
144	5720	16.44	17.762	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	21.34	23.50	29.50	20.84
Mid	5580	21.34	23.49	29.49	20.83
High	5700	21.34	23.50	29.50	20.84
144	5720	20.50	23.49	29.49	20.50

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	13.92	13.12	16.55	20.84	-4.29
Mid	5580	13.41	13.80	16.62	20.83	-4.21
High	5700	13.26	13.59	16.44	20.84	-4.40
144	5720	12.94	13.32	16.14	20.50	-4.35

9.2.19. 802.11n HT40 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	46.24	36.411	5.20	8.21
Mid	5550	45.76	36.432	5.20	8.21
High	5670	46.00	36.453	5.20	8.21
142	5710	38.20	36.470	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	8.79	11.00	8.79
Mid	5550	24.00	24.00	30.00	24.00	8.79	11.00	8.79
High	5670	24.00	24.00	30.00	24.00	8.79	11.00	8.79
142	5710	24.00	24.00	30.00	24.00	8.79	11.00	8.79

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

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	13.70	15.11	17.47	24.00	-6.53
Mid	5550	14.26	15.58	17.98	24.00	-6.02
High	5670	13.45	14.79	17.18	24.00	-6.82
142	5710	14.62	15.19	17.92	24.00	-6.08

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	46.24	36.411	7.30	10.31
Mid	5550	45.76	36.432	7.30	10.31
High	5670	46.00	36.453	7.30	10.31
142	5710	38.20	36.470	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	22.70	24.00	30.00	22.70	6.69	11.00	6.69
Mid	5550	22.70	24.00	30.00	22.70	6.69	11.00	6.69
High	5670	22.70	24.00	30.00	22.70	6.69	11.00	6.69
142	5710	22.70	24.00	30.00	22.70	6.69	11.00	6.69

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

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.48	11.89	14.25	22.70	-8.45
Mid	5550	14.31	15.48	17.94	22.70	-4.76
High	5670	13.56	14.74	17.20	22.70	-5.50
142	5710	14.98	14.94	17.97	22.70	-4.73

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	46.24	36.411	8.66	11.67
Mid	5550	45.76	36.432	8.66	11.67
High	5670	46.00	36.453	8.66	11.67
142	5710	38.20	36.470	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	21.34	24.00	30.00	21.34	5.33	11.00	5.33
Mid	5550	21.34	24.00	30.00	21.34	5.33	11.00	5.33
High	5670	21.34	24.00	30.00	21.34	5.33	11.00	5.33
142	5710	21.34	24.00	30.00	21.34	5.33	11.00	5.33

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

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.46	11.87	14.23	21.34	-7.11
Mid	5550	14.35	14.84	17.61	21.34	-3.73
High	5670	12.58	13.77	16.23	21.34	-5.11
142	5710	14.18	14.65	17.43	21.34	-3.91

9.2.20. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	93.44	76.164	5.20	8.21
High	5610	93.60	76.163	5.20	8.21
138	5690	81.76	76.251	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00
High	5610	24.00	24.00	30.00	24.00
138	5690	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.57	13.92	16.31	24.00	-7.69
High	5610	15.04	16.44	18.81	24.00	-5.19
138	5690	14.90	15.62	18.29	24.00	-5.71

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	93.44	76.164	7.30	10.31
High	5610	93.60	76.163	7.30	10.31
138	5690	81.76	76.251	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70
High	5610	22.70	24.00	30.00	22.70
138	5690	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.20	13.35	15.82	22.70	-6.88
High	5610	13.64	15.06	17.42	22.70	-5.28
138	5690	15.75	15.70	18.74	22.70	-3.96

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	
Test Date:	

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	93.44	76.164	8.66	11.67
High	5610	93.60	76.163	8.66	11.67
138	5690	81.76	76.251	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	21.34	24.00	30.00	21.34
High	5610	21.34	24.00	30.00	21.34
138	5690	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.18	11.59	14.40	21.34	-6.94
High	5610	13.67	14.28	17.00	21.34	-4.34
138	5690	13.58	14.05	16.83	21.34	-4.51

9.2.21. 802.11ac VHT160 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
MID	5570	183.36	155.30	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
MID	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MID	5570	9.02	10.42	12.79	24.00	-11.21

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
MID	5570	183.36	155.30	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
MID	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MID	5570	7.54	7.52	10.54	22.70	-12.16

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
MID	5570	183.36	155.30	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
MID	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MID	5570	6.68	6.98	9.84	21.34	-11.50

9.2.22. 802.11be EHT20 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.12	2.091	5.20	8.21
Mid	5580	18.20	2.584	5.20	8.21
High	5700	20.08	2.089	5.20	8.21
144	5720	15.96	2.029	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	24.00	14.20	20.20	14.20
Mid	5580	23.60	15.12	21.12	15.12
High	5700	24.00	14.20	20.20	14.20
144	5720	23.03	14.07	20.07	14.07

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.41	9.45	11.97	14.20	-2.23
Mid	5580	8.04	9.00	11.56	15.12	-3.57
High	5700	7.71	8.93	11.37	14.20	-2.83
144	5720	7.70	7.84	10.78	14.07	-3.29

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.12	2.091	7.30	10.31
Mid	5580	18.20	2.584	7.30	10.31
High	5700	20.08	2.089	7.30	10.31
144	5720	15.96	2.029	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	22.70	14.20	20.20	12.90
Mid	5580	22.30	15.12	21.12	13.82
High	5700	22.70	14.20	20.20	12.90
144	5720	21.73	14.07	20.07	12.77

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	7.69	7.75	10.73	12.90	-2.17
Mid	5580	7.21	7.16	10.20	13.82	-3.63
High	5700	6.52	6.00	9.28	12.90	-3.62
144	5720	9.31	9.38	12.36	12.77	-0.42

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.12	2.091	8.66	11.67
Mid	5580	18.20	2.584	8.66	11.67
High	5700	20.08	2.089	8.66	11.67
144	5720	15.96	2.029	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	21.34	14.20	20.20	11.54
Mid	5580	20.94	15.12	21.12	12.46
High	5700	21.34	14.20	20.20	11.54
144	5720	20.37	14.07	20.07	11.41

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	4.85	5.59	8.25	11.54	-3.30
Mid	5580	4.87	6.12	8.55	12.46	-3.91
High	5700	4.85	4.67	7.77	11.54	-3.77
144	5720	5.29	5.22	8.27	11.41	-3.15

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (Low Gain)

Test Engineer:	85502, 84740
Test Date:	2024-12-20, 2025-01-14

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.44	4.0613	5.20	8.21
Mid	5580	18.44	4.0684	5.20	8.21
High	5700	20.64	4.0792	5.20	8.21
144	5720	16.36	4.0618	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	24.00	17.09	23.09	17.09	8.79	11.00	8.79
Mid	5580	23.66	17.09	23.09	17.09	8.79	11.00	8.79
High	5700	24.00	17.11	23.11	17.11	8.79	11.00	8.79
144	5720	23.14	17.09	23.09	17.09	8.79	11.00	8.79

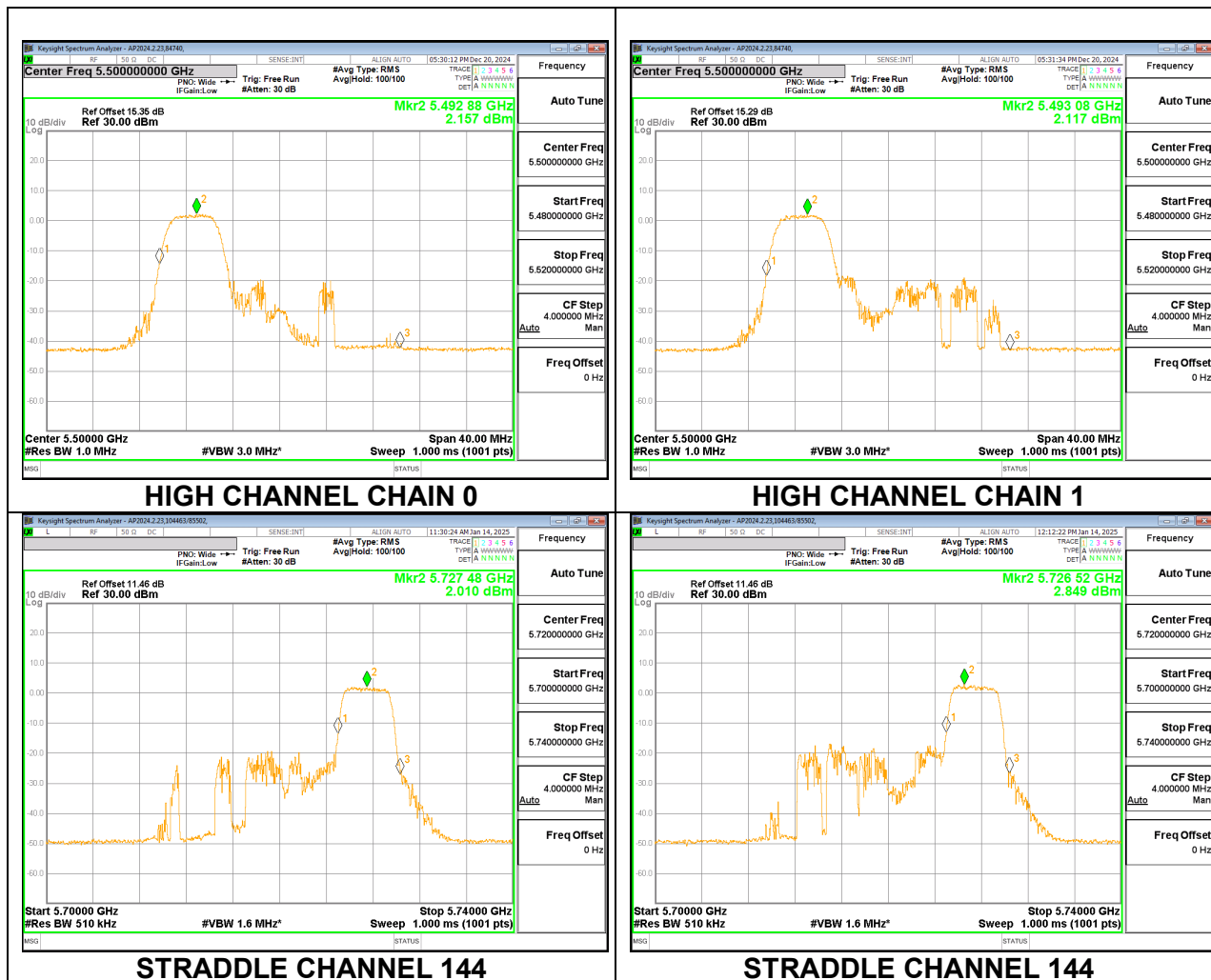
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	10.54	11.17	13.88	17.09	-3.21
Mid	5580	11.15	11.86	14.53	17.09	-2.56
High	5700	10.56	11.06	13.83	17.11	-3.28
144	5720	11.29	11.41	14.36	17.09	-2.73

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/ 1MHz)	CHAIN 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	2.157	2.117	5.147	8.79	-3.64
Mid	5580	1.641	2.037	4.854	8.79	-3.94
High	5700	1.333	1.794	4.580	8.79	-4.21
144	5720	4.936	5.468	8.220	8.79	-0.57



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (Mid Gain)

Test Engineer:	84740
Test Date:	2024-11-14, 2024-12-20

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.44	4.0613	7.30	10.31
Mid	5580	18.44	4.0684	7.30	10.31
High	5700	20.64	4.0792	7.30	10.31
144	5720	16.36	4.0618	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	22.70	17.09	23.09	15.79	6.69	11.00	6.69
Mid	5580	22.36	17.09	23.09	15.79	6.69	11.00	6.69
High	5700	22.70	17.11	23.11	15.81	6.69	11.00	6.69
144	5720	21.84	17.09	23.09	15.79	6.69	11.00	6.69

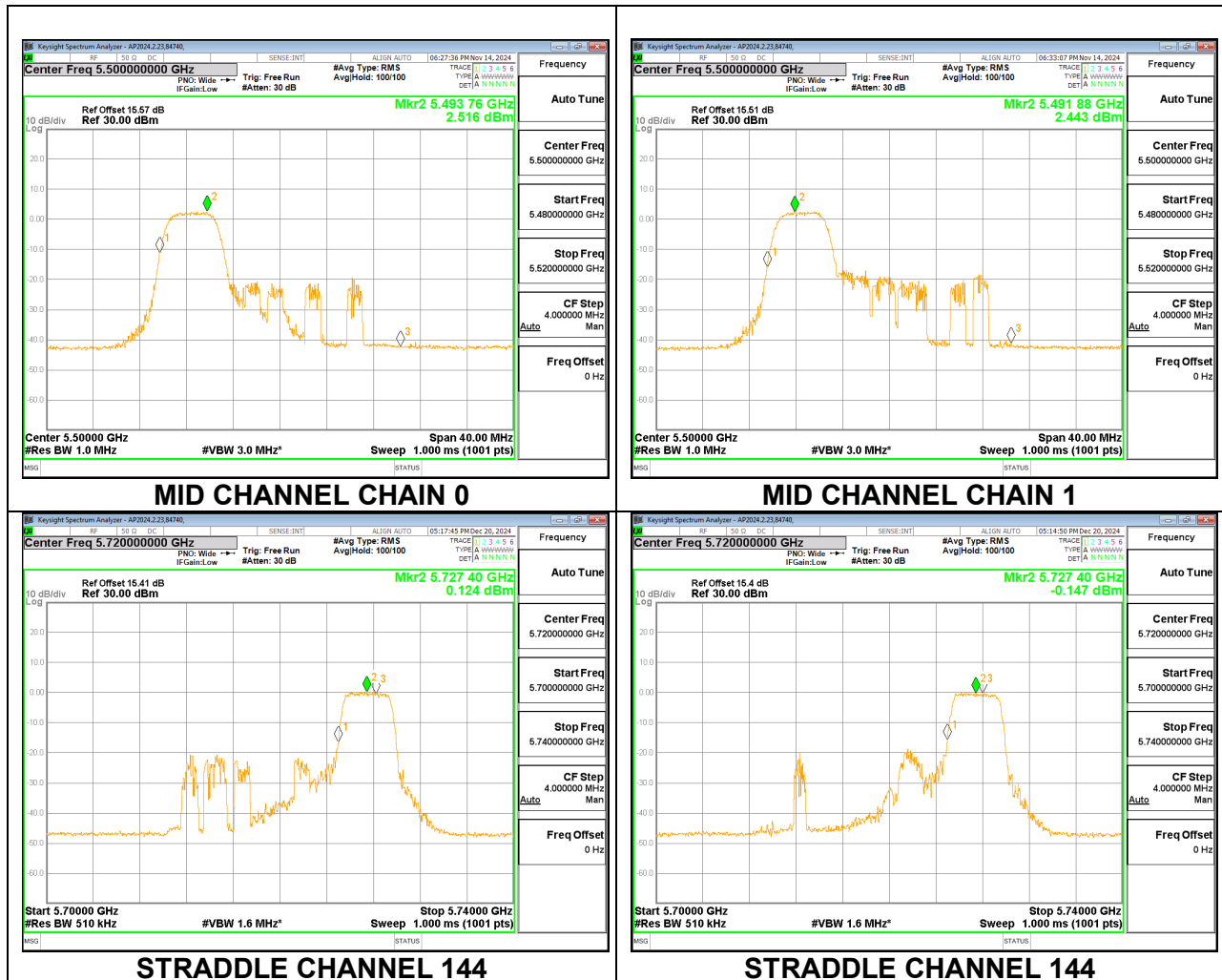
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	9.18	9.39	12.30	15.79	-3.49
Mid	5580	9.19	9.12	12.17	15.79	-3.63
High	5700	9.01	8.72	11.88	15.81	-3.93
144	5720	11.20	10.60	13.92	15.79	-1.87

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/ 1MHz)	CHAIN 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	2.516	2.443	5.490	6.69	-1.20
Mid	5580	1.850	2.758	5.338	6.69	-1.35
High	5700	1.923	2.740	5.361	6.69	-1.33
144	5720	0.124	-0.147	3.001	6.69	-3.69



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.44	4.0613	8.66	11.67
Mid	5580	18.44	4.0684	8.66	11.67
High	5700	20.64	4.0792	8.66	11.67
144	5720	16.36	4.0618	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	21.34	17.09	23.09	14.43
Mid	5580	21.00	17.09	23.09	14.43
High	5700	21.34	17.11	23.11	14.45
144	5720	20.48	17.09	23.09	14.43

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.35	8.88	11.63	14.43	-2.79
Mid	5580	8.36	9.03	11.72	14.43	-2.72
High	5700	7.65	8.37	11.04	14.45	-3.41
144	5720	8.75	8.15	11.47	14.43	-2.96

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T + 26T (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5500	19.12	6.3283	5.20
Mid	5580	19.12	6.3175	5.20
High	5700	19.36	6.1589	5.20
144	5720	14.68	6.1139	5.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	23.81	19.01	25.01	19.01
Mid	5580	23.81	19.01	25.01	19.01
High	5700	23.87	18.90	24.90	18.90
144	5720	22.67	18.86	24.86	18.86

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	10.81	11.58	14.22	19.01	-4.79
Mid	5580	11.03	11.84	14.46	19.01	-4.54
High	5700	10.82	11.50	14.18	18.90	-4.71
144	5720	11.49	12.08	14.81	18.86	-4.06

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T + 26T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5500	19.12	6.3283	7.30
Mid	5580	19.12	6.3175	7.30
High	5700	19.36	6.1589	7.30
144	5720	14.68	6.1139	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	22.51	19.01	25.01	17.71
Mid	5580	22.51	19.01	25.01	17.71
High	5700	22.57	18.90	24.90	17.60
144	5720	21.37	18.86	24.86	17.56

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	9.54	9.82	12.69	17.71	-5.02
Mid	5580	9.28	8.98	12.14	17.71	-5.56
High	5700	9.32	9.22	12.28	17.60	-5.31
144	5720	9.85	9.86	12.87	17.56	-4.70

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T + 26T (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)
Low	5500	19.12	6.3283	8.66
Mid	5580	19.12	6.3175	8.66
High	5700	19.36	6.1589	8.66
144	5720	14.68	6.1139	8.66

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	21.15	19.01	25.01	16.35
Mid	5580	21.15	19.01	25.01	16.35
High	5700	21.21	18.90	24.90	16.24
144	5720	20.01	18.86	24.86	16.20

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.68	9.27	12.00	16.35	-4.36
Mid	5580	8.49	8.98	11.75	16.35	-4.59
High	5700	8.00	8.87	11.47	16.24	-4.77
144	5720	7.74	8.30	11.04	16.20	-5.16

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.80	8.2605	5.20	8.21
Mid	5580	20.76	8.2195	5.20	8.21
High	5700	20.72	8.1799	5.20	8.21
144	5720	16.48	8.1760	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	24.00	20.17	26.17	20.17
Mid	5580	24.00	20.15	26.15	20.15
High	5700	24.00	20.13	26.13	20.13
144	5720	23.17	20.13	26.13	20.13

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	13.79	15.09	17.50	20.17	-2.67
Mid	5580	13.61	15.07	17.41	20.15	-2.74
High	5700	13.59	15.05	17.39	20.13	-2.74
144	5720	14.19	14.48	17.35	20.13	-2.78

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.80	8.2605	7.30	10.31
Mid	5580	20.76	8.2195	7.30	10.31
High	5700	20.72	8.1799	7.30	10.31
144	5720	16.48	8.1760	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	22.70	20.17	26.17	18.87
Mid	5580	22.70	20.15	26.15	18.85
High	5700	22.70	20.13	26.13	18.83
144	5720	21.87	20.13	26.13	18.83

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	12.43	12.85	15.66	18.87	-3.21
Mid	5580	11.70	11.55	14.64	18.85	-4.21
High	5700	11.69	11.71	14.71	18.83	-4.12
144	5720	12.76	12.74	15.76	18.83	-3.07

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.80	8.2605	8.66	11.67
Mid	5580	20.76	8.2195	8.66	11.67
High	5700	20.72	8.1799	8.66	11.67
144	5720	16.48	8.1760	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	21.34	20.17	26.17	17.51
Mid	5580	21.34	20.15	26.15	17.49
High	5700	21.34	20.13	26.13	17.47
144	5720	20.51	20.13	26.13	17.47

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.15	11.44	14.31	17.51	-3.20
Mid	5580	10.97	11.38	14.19	17.49	-3.30
High	5700	10.34	10.84	13.61	17.47	-3.86
144	5720	10.23	10.85	13.56	17.47	-3.90

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T + 26T (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	21.00	10.7930	5.20	8.21
Mid	5580	21.08	10.9460	5.20	8.21
High	5700	21.44	10.7490	5.20	8.21
144	5720	16.28	10.7430	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	24.00	21.33	27.33	21.33
Mid	5580	24.00	21.39	27.39	21.39
High	5700	24.00	21.31	27.31	21.31
144	5720	23.12	21.31	27.31	21.31

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.43	14.08	17.27	21.33	-4.06
Mid	5580	14.22	14.24	17.24	21.39	-4.15
High	5700	13.71	13.93	16.83	21.31	-4.48
144	5720	14.13	13.52	16.85	21.31	-4.47

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T + 26T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	21.00	10.7930	7.30	10.31
Mid	5580	21.08	10.9460	7.30	10.31
High	5700	21.44	10.7490	7.30	10.31
144	5720	16.28	10.7430	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	22.70	21.33	27.33	20.03
Mid	5580	22.70	21.39	27.39	20.09
High	5700	22.70	21.31	27.31	20.01
144	5720	21.82	21.31	27.31	20.01

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	12.49	12.92	15.72	20.03	-4.31
Mid	5580	11.75	11.67	14.72	20.09	-5.37
High	5700	11.72	11.70	14.72	20.01	-5.29
144	5720	12.87	12.90	15.90	20.01	-4.12

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T + 26T (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	21.00	10.7930	8.66	11.67
Mid	5580	21.08	10.9460	8.66	11.67
High	5700	21.44	10.7490	8.66	11.67
144	5720	16.28	10.7430	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	21.34	21.33	27.33	18.67
Mid	5580	21.34	21.39	27.39	18.73
High	5700	21.34	21.31	27.31	18.65
144	5720	20.46	21.31	27.31	18.65

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.13	11.62	14.39	18.67	-4.28
Mid	5580	10.99	11.41	14.22	18.73	-4.52
High	5700	10.63	11.11	13.89	18.65	-4.77
144	5720	10.35	10.80	13.59	18.65	-5.06

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	22.56	18.831	5.20	8.21
Mid	5580	22.40	18.881	5.20	8.21
High	5700	22.44	17.563	5.20	8.21
144	5720	24.41	18.804	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	24.00	23.75	29.75	23.75
Mid	5580	24.00	23.76	29.76	23.76
High	5700	24.00	23.45	29.45	23.45
144	5720	24.00	23.74	29.74	23.74

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.65	16.00	18.39	23.75	-5.36
Mid	5580	14.37	15.73	18.11	23.76	-5.65
High	5700	13.05	14.57	16.89	23.45	-6.56
144	5720	16.64	17.01	19.84	23.74	-3.90

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	22.56	18.831	7.30	10.31
Mid	5580	22.40	18.881	7.30	10.31
High	5700	22.44	17.563	7.30	10.31
144	5720	24.41	18.804	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	22.70	23.75	29.75	22.45
Mid	5580	22.70	23.76	29.76	22.46
High	5700	22.70	23.45	29.45	22.15
144	5720	22.70	23.74	29.74	22.44

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.24	15.44	17.89	22.45	-4.56
Mid	5580	15.19	15.25	18.23	22.46	-4.23
High	5700	12.92	14.13	16.58	22.15	-5.57
144	5720	14.79	14.84	17.83	22.44	-4.62

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	22.56	18.831	8.66	11.67
Mid	5580	22.40	18.881	8.66	11.67
High	5700	22.44	17.563	8.66	11.67
144	5720	24.41	18.804	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5500	21.34	23.75	29.75	21.09
Mid	5580	21.34	23.76	29.76	21.10
High	5700	21.34	23.45	29.45	20.79
144	5720	21.34	23.74	29.74	21.08

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	13.55	14.02	16.80	21.09	-4.29
Mid	5580	13.28	13.99	16.66	21.10	-4.44
High	5700	11.46	12.58	15.07	20.79	-5.72
144	5720	12.80	13.35	16.09	21.08	-4.99

9.2.23. 802.11be EHT40 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	44.96	37.764	5.20	8.21
Mid	5550	44.88	37.822	5.20	8.21
Mid	5590	44.88	37.822	5.20	8.21
High	5670	44.08	37.808	5.20	8.21
142	5710	37.60	37.646	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5510	24.00	24.00	30.00	24.00
Mid	5550	24.00	24.00	30.00	24.00
Mid	5590	24.00	24.00	30.00	24.00
High	5670	24.00	24.00	30.00	24.00
142	5710	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	12.21	13.61	15.98	24.00	-8.02
Mid	5550	14.66	16.15	18.48	24.00	-5.52
Mid	5590	13.86	15.29	17.64	24.00	-6.36
High	5670	14.17	14.97	17.60	24.00	-6.40
142	5710	14.08	14.63	17.37	24.00	-6.63

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	44.96	37.764	7.30	10.31
Mid	5550	44.88	37.822	7.30	10.31
Mid	5590	44.88	37.822	7.30	10.31
High	5670	44.08	37.808	7.30	10.31
142	5710	37.60	37.646	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5510	22.70	24.00	30.00	22.70
Mid	5550	22.70	24.00	30.00	22.70
Mid	5590	22.70	24.00	30.00	22.70
High	5670	22.70	24.00	30.00	22.70
142	5710	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.64	13.08	15.43	22.70	-7.27
Mid	5590	14.30	15.55	17.98	22.70	-4.72
Mid	5630	13.27	14.71	17.06	22.70	-5.64
High	5670	14.07	15.23	17.70	22.70	-5.00
142	5710	15.56	15.54	18.56	22.70	-4.14

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	44.96	37.764	8.66	11.67
Mid	5550	44.88	37.822	8.66	11.67
Mid	5590	44.88	37.822	8.66	11.67
High	5670	44.08	37.808	8.66	11.67
142	5710	37.60	37.646	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	21.34	24.00	30.00	21.34	5.33	11.00	5.33
Mid	5550	21.34	24.00	30.00	21.34	5.33	11.00	5.33
Mid	5590	21.34	24.00	30.00	21.34	5.33	11.00	5.33
High	5670	21.34	24.00	30.00	21.34	5.33	11.00	5.33
142	5710	21.34	24.00	30.00	21.34	5.33	11.00	5.33

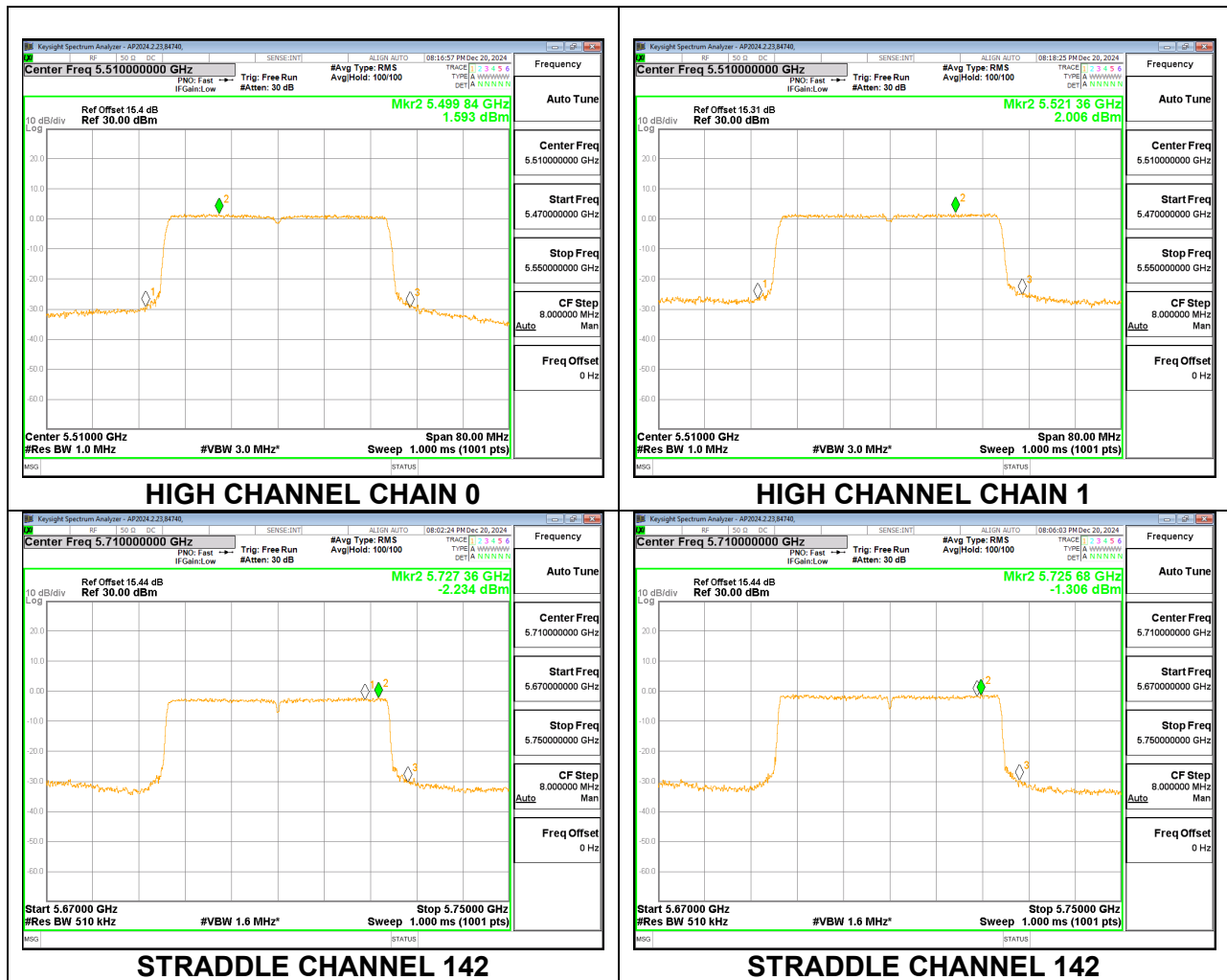
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.20	12.60	14.97	21.34	-6.37
Mid	5550	14.05	15.23	17.69	21.34	-3.65
Mid	5590	13.26	14.49	16.93	21.34	-4.41
High	5670	14.05	15.17	17.66	21.34	-3.68
142	5710	14.06	14.62	17.36	21.34	-3.98

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/ 1MHz)	CHAIN 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	1.593	2.006	4.81	5.33	-0.52
Mid	5550	1.124	2.145	4.67	5.33	-0.66
High	5670	0.747	1.312	4.05	5.33	-1.28
142	5710	-2.234	-1.306	1.27	5.33	-4.06



PSD was performed at Mid Channel power setting at lowest, middle, highest and straddle channel. Therefore 5590MHz didn't require additional PSD measurements.

9.2.24. 802.11be EHT80 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	90.720	77.406	5.20	8.21
High	5610	90.560	76.233	5.20	8.21
138	5690	79.680	77.961	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00
High	5610	24.00	24.00	30.00	24.00
138	5690	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	7.83	8.62	11.25	24.00	-12.75
High	5610	13.62	14.98	17.36	24.00	-6.64
138	5690	13.88	14.92	17.44	24.00	-6.56

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	90.720	77.406	7.30	10.31
High	5610	90.560	76.233	7.30	10.31
138	5690	79.680	77.961	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70
High	5610	22.70	24.00	30.00	22.70
138	5690	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.55	9.08	11.83	22.70	-10.87
High	5610	13.68	14.99	17.39	22.70	-5.31
138	5690	13.82	14.91	17.41	22.70	-5.29

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	90.720	77.406	8.66	11.67
High	5610	90.560	76.233	8.66	11.67
138	5690	79.680	77.961	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	21.34	24.00	30.00	21.34
High	5610	21.34	24.00	30.00	21.34
138	5690	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	6.55	7.41	10.01	21.34	-11.33
High	5610	11.81	12.87	15.38	21.34	-5.96
138	5690	13.51	14.12	16.84	21.34	-4.50

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU LOW MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	87.040	58.691	5.20	8.21
High	5610	87.200	58.696	5.20	8.21
138	5690	80.480	58.192	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00
High	5610	24.00	24.00	30.00	24.00
138	5690	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.32	13.60	16.02	24.00	-7.98
High	5610	13.80	15.23	17.58	24.00	-6.42
138	5690	13.99	15.06	17.57	24.00	-6.43

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU LOW MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	87.040	58.691	7.30	10.31
High	5610	87.200	58.696	7.30	10.31
138	5690	80.480	58.192	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70
High	5610	22.70	24.00	30.00	22.70
138	5690	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.92	13.15	15.59	22.70	-7.11
High	5610	15.52	13.15	17.51	22.70	-5.19
138	5690	13.92	15.08	17.55	22.70	-5.15

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU LOW MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	87.040	58.691	8.66	11.67
High	5610	87.200	58.696	8.66	11.67
138	5690	80.480	58.192	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	21.34	24.00	30.00	21.34
High	5610	21.34	24.00	30.00	21.34
138	5690	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.51	12.51	15.05	21.34	-6.29
High	5610	13.34	14.60	17.03	21.34	-4.31
138	5690	13.82	14.91	17.41	21.34	-3.93

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x8 MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	87.040	58.691	5.20	8.21
High	5610	87.200	58.696	5.20	8.21
138	5690	80.480	58.192	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00
High	5610	24.00	24.00	30.00	24.00
138	5690	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.82	13.16	15.55	24.00	-8.45
High	5610	13.12	14.67	16.97	24.00	-7.03
138	5690	13.47	14.48	17.01	24.00	-6.99

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x8
MODE (Mid Gain)**

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	87.040	58.691	7.30	10.31
High	5610	87.200	58.696	7.30	10.31
138	5690	80.480	58.192	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70
High	5610	22.70	24.00	30.00	22.70
138	5690	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.37	12.56	15.02	22.70	-7.68
High	5610	12.73	14.60	16.78	22.70	-5.92
138	5690	13.37	14.42	16.94	22.70	-5.76

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x8 MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	87.040	58.691	8.66	11.67
High	5610	87.200	58.696	8.66	11.67
138	5690	80.480	58.192	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	21.34	24.00	30.00	21.34
High	5610	21.34	24.00	30.00	21.34
138	5690	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.88	12.06	14.52	21.34	-6.82
High	5610	12.92	13.92	16.46	21.34	-4.88
138	5690	13.67	14.67	17.21	21.34	-4.13

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU HIGH MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	85.920	58.894	5.20	8.21
High	5610	85.920	58.910	5.20	8.21
138	5690	74.880	58.624	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00
High	5610	24.00	24.00	30.00	24.00
138	5690	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.24	13.51	15.93	24.00	-8.07
High	5610	13.69	15.10	17.46	24.00	-6.54
138	5690	13.88	15.16	17.58	24.00	-6.42

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU HIGH MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	85.920	58.894	7.30	10.31
High	5610	85.920	58.910	7.30	10.31
138	5690	74.880	58.624	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70
High	5610	22.70	24.00	30.00	22.70
138	5690	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.92	13.15	15.59	22.70	-7.11
High	5610	13.15	14.59	16.94	22.70	-5.76
138	5690	13.86	14.81	17.37	22.70	-5.33

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU HIGH MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	85.920	58.894	8.66	11.67
High	5610	85.920	58.910	8.66	11.67
138	5690	74.880	58.624	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	21.34	24.00	30.00	21.34
High	5610	21.34	24.00	30.00	21.34
138	5690	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.51	12.51	15.05	21.34	-6.29
High	5610	13.34	14.60	17.03	21.34	-4.31
138	5690	13.71	14.87	17.34	21.34	-4.00

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x1 MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	85.920	58.894	5.20	8.21
High	5610	85.920	58.910	5.20	8.21
138	5690	74.880	58.624	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00
High	5610	24.00	24.00	30.00	24.00
138	5690	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.74	13.06	15.46	24.00	-8.54
High	5610	13.14	14.63	16.96	24.00	-7.04
138	5690	13.48	14.63	17.10	24.00	-6.90

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x1 MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	85.920	58.894	7.30	10.31
High	5610	85.920	58.910	7.30	10.31
138	5690	74.880	58.624	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70
High	5610	22.70	24.00	30.00	22.70
138	5690	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.37	12.56	15.02	22.70	-7.68
High	5610	12.73	14.60	16.78	22.70	-5.92
138	5690	13.38	14.35	16.90	22.70	-5.80

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x1 MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	85.920	58.894	8.66	11.67
High	5610	85.920	58.910	8.66	11.67
138	5690	74.880	58.624	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	21.34	24.00	30.00	21.34
High	5610	21.34	24.00	30.00	21.34
138	5690	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.88	12.06	14.52	21.34	-6.82
High	5610	12.92	13.92	16.46	21.34	-4.88
138	5690	13.54	14.61	17.12	21.34	-4.22

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) MRU MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	90.880	78.192	5.20	8.21
High	5610	89.760	77.137	5.20	8.21
138	5690	80.000	77.240	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00
High	5610	24.00	24.00	30.00	24.00
138	5690	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.06	13.46	15.83	24.00	-8.17
High	5610	13.67	15.05	17.42	24.00	-6.58
138	5690	13.86	15.05	17.51	24.00	-6.49

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) MRU MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	90.880	78.192	7.30	10.31
High	5610	89.760	77.137	7.30	10.31
138	5690	80.000	77.240	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70
High	5610	22.70	24.00	30.00	22.70
138	5690	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.69	12.89	15.34	22.70	-7.36
High	5610	13.04	14.44	16.81	22.70	-5.89
138	5690	13.78	14.75	17.30	22.70	-5.40

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) MRU MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	90.880	78.192	8.66	11.67
High	5610	89.760	77.137	8.66	11.67
138	5690	80.000	77.240	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	21.34	24.00	30.00	21.34
High	5610	21.34	24.00	30.00	21.34
138	5690	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.31	12.37	14.88	21.34	-6.46
High	5610	13.15	14.34	16.80	21.34	-4.54
138	5690	13.68	14.82	17.30	21.34	-4.04

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) PUNCTURED 0x2
MODE (Low Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	90.880	78.192	5.20	8.21
High	5610	89.760	77.137	5.20	8.21
138	5690	80.000	77.240	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00
High	5610	24.00	24.00	30.00	24.00
138	5690	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.72	12.97	15.40	24.00	-8.60
High	5610	13.00	14.50	16.82	24.00	-7.18
138	5690	13.35	14.47	16.96	24.00	-7.04

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) PUNCTURED 0x2
MODE (Mid Gain)**

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	90.880	78.192	7.30	10.31
High	5610	89.760	77.137	7.30	10.31
138	5690	80.000	77.240	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70
High	5610	22.70	24.00	30.00	22.70
138	5690	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.11	12.47	14.85	22.70	-7.85
High	5610	12.67	13.97	16.38	22.70	-6.32
138	5690	13.23	14.16	16.73	22.70	-5.97

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) PUNCTURED 0x2
MODE (High Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	90.880	78.192	8.66	11.67
High	5610	89.760	77.137	8.66	11.67
138	5690	80.000	77.240	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	21.34	24.00	30.00	21.34
High	5610	21.34	24.00	30.00	21.34
138	5690	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.05	12.10	14.62	21.34	-6.72
High	5610	12.90	13.85	16.41	21.34	-4.93
138	5690	13.50	14.46	17.02	21.34	-4.32

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	91.200	77.267	5.20	8.21
High	5610	90.400	77.562	5.20	8.21
138	5690	80.480	78.173	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00
High	5610	24.00	24.00	30.00	24.00
138	5690	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	12.16	13.42	15.85	24.00	-8.15
High	5610	13.68	15.05	17.43	24.00	-6.57
138	5690	13.85	15.06	17.51	24.00	-6.49

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	91.200	77.267	7.30	10.31
High	5610	90.400	77.562	7.30	10.31
138	5690	80.480	78.173	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70
High	5610	22.70	24.00	30.00	22.70
138	5690	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.74	12.91	15.37	22.70	-7.33
High	5610	13.07	14.47	16.84	22.70	-5.86
138	5690	13.79	14.90	17.39	22.70	-5.31

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	91.200	77.267	8.66	11.67
High	5610	90.400	77.562	8.66	11.67
138	5690	80.480	78.173	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	21.34	24.00	30.00	21.34
High	5610	21.34	24.00	30.00	21.34
138	5690	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.27	12.49	14.93	21.34	-6.41
High	5610	13.20	14.32	16.81	21.34	-4.53
138	5690	13.79	14.82	17.35	21.34	-3.99

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4
MODE (Low Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	91.200	77.267	5.20	8.21
High	5610	90.400	77.562	5.20	8.21
138	5690	80.480	78.173	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00
High	5610	24.00	24.00	30.00	24.00
138	5690	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.54	12.96	15.32	24.00	-8.68
High	5610	13.03	14.46	16.81	24.00	-7.19
138	5690	13.32	14.63	17.03	24.00	-6.97

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4
MODE (Mid Gain)**

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	91.200	77.267	7.30	10.31
High	5610	90.400	77.562	7.30	10.31
138	5690	80.480	78.173	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70
High	5610	22.70	24.00	30.00	22.70
138	5690	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.15	12.41	14.84	22.70	-7.86
High	5610	12.61	13.98	16.36	22.70	-6.34
138	5690	13.26	14.29	16.82	22.70	-5.88

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4
MODE (High Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	91.200	77.267	8.66	11.67
High	5610	90.400	77.562	8.66	11.67
138	5690	80.480	78.173	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Low	5530	21.34	24.00	30.00	21.34
High	5610	21.34	24.00	30.00	21.34
138	5690	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.73	11.86	14.34	21.34	-7.00
High	5610	12.62	13.78	16.25	21.34	-5.09
138	5690	13.40	14.46	16.97	21.34	-4.37

9.2.25. 802.11be EHT160 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) MRU MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
MRU Low	5570	159.36	116.89	5.20	8.21
MRU High	5570	142.08	116.57	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
MRU Low	5570	24.00	24.00	30.00	24.00
MRU High	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU Low	5570	7.84	8.56	11.23	24.00	-12.77
MRU High	5570	7.85	8.53	11.21	24.00	-12.79

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) MRU MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
MRU Low	5570	159.36	116.89	7.30	10.31
MRU High	5570	142.08	116.57	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
MRU Low	5570	22.70	24.00	30.00	22.70
MRU High	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU Low	5570	8.66	9.17	11.93	22.70	-10.77
MRU High	5570	8.24	8.76	11.52	22.70	-11.18

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) MRU MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
MRU Low	5570	159.36	116.89	8.66	11.67
MRU High	5570	142.08	116.57	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
MRU Low	5570	21.34	24.00	30.00	21.34
MRU High	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MRU Low	5570	6.52	7.15	9.86	21.34	-11.48
MRU High	5570	6.52	7.06	9.81	21.34	-11.53

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) PUNCTURED
MODE (Low Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0xC0	5570	159.36	116.89	5.20	8.21
0x03	5570	142.08	116.57	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0xC0	5570	24.00	24.00	30.00	24.00
0x03	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0xC0	5570	7.18	8.11	10.68	24.00	-13.32
0x03	5570	7.17	8.06	10.65	24.00	-13.35

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) PUNCTURED
MODE (Mid Gain)**

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0xC0	5570	159.36	116.89	7.30	10.31
0x03	5570	142.08	116.57	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0xC0	5570	22.70	24.00	30.00	22.70
0x03	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0xC0	5570	8.08	8.46	11.28	22.70	-11.42
0x03	5570	7.94	8.21	11.09	22.70	-11.61

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) PUNCTURED
MODE (High Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0xC0	5570	159.36	116.89	8.66	11.67
0x03	5570	142.08	116.57	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0xC0	5570	21.34	24.00	30.00	21.34
0x03	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0xC0	5570	6.40	7.00	9.72	21.34	-11.62
0x03	5570	6.37	6.98	9.70	21.34	-11.64

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) MRU MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	173.76	156.86	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	7.69	8.61	11.18	24.00	-12.82

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) MRU MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	173.76	156.86	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	8.50	8.89	11.71	22.70	-10.99

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) MRU MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	173.76	156.86	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	6.54	7.23	9.91	21.34	-11.43

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) PUNCTURED 0x0C MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	173.76	156.86	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	7.11	8.11	10.65	24.00	-13.35

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) PUNCTURED 0x0C MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	173.76	156.86	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	7.98	8.45	11.23	22.70	-11.47

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) PUNCTURED 0x0C
MODE (High Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	173.76	156.86	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	6.35	6.91	9.65	21.34	-11.69

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) MRU MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	176.00	156.61	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid	5570	24.00	24.00	30.00	24.00	8.79	11.00	8.79

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	7.77	8.43	11.12	24.00	-12.88

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) MRU MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	176.00	156.61	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid	5570	22.70	24.00	30.00	22.70	6.69	11.00	6.69

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	8.49	8.97	11.75	22.70	-10.95

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) MRU MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	176.00	156.61	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid	5570	21.34	24.00	30.00	21.34	5.33	11.00	5.33

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	6.65	7.23	9.96	21.34	-11.38

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) PUNCTURED 0x30
MODE (Low Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	176.00	156.61	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid	5570	24.00	24.00	30.00	24.00	8.79	11.00	8.79

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	7.18	8.02	10.63	24.00	-13.37

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) PUNCTURED 0x30 MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	176.00	156.61	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid	5570	22.70	24.00	30.00	22.70	6.69	11.00	6.69

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	8.02	8.40	11.22	22.70	-11.48

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) PUNCTURED 0x30
MODE (High Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	176.00	156.61	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Mid	5570	21.34	24.00	30.00	21.34	5.33	11.00	5.33

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	6.37	6.89	9.65	21.34	-11.69

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (C) PUNCTURED MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0x80	5570	162.88	137.57	5.20	8.21
0x01	5570	162.24	136.53	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0x80	5570	24.00	24.00	30.00	24.00
0x01	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x80	5570	7.14	8.14	10.68	24.00	-13.32
0x01	5570	7.22	8.04	10.66	24.00	-13.34

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (C) PUNCTURED MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0x80	5570	162.88	137.57	7.30	10.31
0x01	5570	162.24	136.53	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0x80	5570	22.70	24.00	30.00	22.70
0x01	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x80	5570	8.03	8.46	11.26	22.70	-11.44
0x01	5570	7.98	8.33	11.17	22.70	-11.53

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (C) PUNCTURED MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0x80	5570	162.88	137.57	8.66	11.67
0x01	5570	162.24	136.53	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0x80	5570	21.34	24.00	30.00	21.34
0x01	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x80	5570	6.26	6.94	9.62	21.34	-11.72
0x01	5570	6.40	7.01	9.73	21.34	-11.61

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T+996T (N) PUNCTURE
0x02 MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	177.92	156.87	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	7.18	8.06	10.65	24.00	-13.35

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T+996T (N) PUNCTURE
0x02 MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	177.92	156.87	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	8.10	8.33	11.23	22.70	-11.47

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T+996T (N) PUNCTURE
0x02 MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	177.92	156.87	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	6.41	6.96	9.70	21.34	-11.64

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+242T+996T (N) PUNCTURED MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0x04	5570	176.32	156.26	5.20	8.21
0x08	5570	177.92	156.76	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0x04	5570	24.00	24.00	30.00	24.00
0x08	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x04	5570	7.21	8.07	10.67	24.00	-13.33
0x08	5570	7.25	8.12	10.72	24.00	-13.28

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+242T+996T (N) PUNCTURED MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0x04	5570	176.32	156.26	7.30	10.31
0x08	5570	177.92	156.76	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0x04	5570	22.70	24.00	30.00	22.70
0x08	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x04	5570	8.02	8.39	11.22	22.70	-11.48
0x08	5570	8.11	8.45	11.29	22.70	-11.41

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+242T+996T (N) PUNCTURED MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0x04	5570	176.32	156.26	8.66	11.67
0x08	5570	177.92	156.76	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0x04	5570	21.34	24.00	30.00	21.34
0x08	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x04	5570	6.36	7.02	9.71	21.34	-11.63
0x08	5570	6.43	7.12	9.80	21.34	-11.54

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+242T+484T (N) PUNCTURED MODE (Low Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0x10	5570	176.00	156.95	5.20	8.21
0x20	5570	175.68	156.95	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0x10	5570	24.00	24.00	30.00	24.00
0x20	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x10	5570	7.13	8.15	10.68	24.00	-13.32
0x20	5570	7.17	8.15	10.70	24.00	-13.30

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+242T+484T (N) PUNCTURED MODE (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0x10	5570	176.00	156.95	7.30	10.31
0x20	5570	175.68	156.95	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0x10	5570	22.70	24.00	30.00	22.70
0x20	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x10	5570	8.13	8.55	11.36	22.70	-11.34
0x20	5570	8.04	8.42	11.24	22.70	-11.46

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+242T+484T (N) PUNCTURED MODE (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
0x10	5570	176.00	156.95	8.66	11.67
0x20	5570	175.68	156.95	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
0x10	5570	21.34	24.00	30.00	21.34
0x20	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
0x10	5570	6.45	7.10	9.80	21.34	-11.54
0x20	5570	6.42	7.07	9.77	21.34	-11.57

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (N) PUNCTURED
0x40 MODE (Low Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	176.00	156.56	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	7.12	8.11	10.65	24.00	-13.35

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (N) PUNCTURED
0x40 MODE (Mid Gain)**

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	176.00	156.56	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	8.11	8.43	11.28	22.70	-11.42

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (N) PUNCTURED
0x40 MODE (High Gain)**

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Mid	5570	176.00	156.56	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
Mid	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	6.37	6.91	9.66	21.34	-11.68

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 2*996T (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-05

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
MID	5570	174.40	155.74	5.20	8.21

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
MID	5570	24.00	24.00	30.00	24.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MID	5570	10.18	11.04	13.64	24.00	-10.36

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 2*996T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024/11/11-2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
MID	5570	174.40	155.74	7.30	10.31

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
MID	5570	22.70	24.00	30.00	22.70

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MID	5570	6.52	7.96	10.31	22.70	-12.39

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 2*996T (High Gain)

Test Engineer:	85502
Test Date:	2025/01/24

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
MID	5570	174.40	155.74	8.66	11.67

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)
MID	5570	21.34	24.00	30.00	21.34

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
MID	5570	6.47	7.16	9.84	21.34	-11.50

9.2.26. 802.11a MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	5.20	8.21	30.00	27.79
153	5765	5.20	8.21	30.00	27.79
Mid	5785	5.20	8.21	30.00	27.79
High	5825	5.20	8.21	30.00	27.79
144	5720	5.20	8.21	30.00	27.79

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

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.05	15.36	18.22	30.00	-11.78
153	5765	20.78	20.86	23.83	30.00	-6.17
Mid	5785	20.71	20.83	23.78	30.00	-6.22
High	5825	20.94	21.05	24.01	30.00	-5.99
144	5720	15.55	16.11	18.85	30.00	-11.15

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	7.30	10.31	28.70	25.69
153	5765	7.30	10.31	28.70	25.69
Mid	5785	7.30	10.31	28.70	25.69
High	5825	7.30	10.31	28.70	25.69
144	5720	7.30	10.31	28.70	25.69

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

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.05	15.36	18.22	28.70	-10.48
153	5765	20.78	20.86	23.83	28.70	-4.87
Mid	5785	20.71	20.83	23.78	28.70	-4.92
High	5825	20.94	21.05	24.01	28.70	-4.69
144	5720	15.38	15.41	18.41	28.70	-10.29

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	8.66	11.67	27.34	24.33
153	5765	8.66	11.67	27.34	24.33
Mid	5785	8.66	11.67	27.34	24.33
High	5825	8.66	11.67	27.34	24.33
144	5720	8.66	11.67	27.34	24.33

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

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.05	15.36	18.22	27.34	-9.12
153	5765	20.78	20.86	23.83	27.34	-3.51
Mid	5785	20.71	20.83	23.78	27.34	-3.56
High	5825	20.94	21.05	24.01	27.34	-3.33
144	5720	12.95	13.28	16.13	27.34	-11.21

9.2.27. 802.11n HT20 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	5.20	8.21	30.00	27.79
153	5765	5.20	8.21	30.00	27.79
Mid	5785	5.20	8.21	30.00	27.79
High	5825	5.20	8.21	30.00	27.79
144	5720	5.20	8.21	30.00	27.79

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	14.57	14.82	17.71	30.00	-12.29
153	5765	20.81	20.95	23.89	30.00	-6.11
Mid	5785	20.81	21.00	23.92	30.00	-6.08
High	5825	20.78	20.97	23.89	30.00	-6.11
144	5720	17.13	17.13	20.14	30.00	-9.86

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	7.30	10.31	28.70	25.69
153	5765	7.30	10.31	28.70	25.69
Mid	5785	7.30	10.31	28.70	25.69
High	5825	7.30	10.31	28.70	25.69
144	5720	7.30	10.31	28.70	25.69

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	14.57	14.82	17.71	28.70	-10.99
153	5765	20.81	20.95	23.89	28.70	-4.81
Mid	5785	20.81	21.00	23.92	28.70	-4.78
High	5825	20.78	20.97	23.89	28.70	-4.81
144	5720	15.50	15.45	18.49	28.70	-10.21

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	8.66	11.67	27.34	24.33
153	5765	8.66	11.67	27.34	24.33
Mid	5785	8.66	11.67	27.34	24.33
High	5825	8.66	11.67	27.34	24.33
144	5720	8.66	11.67	27.34	24.33

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	14.57	14.82	17.71	27.34	-9.63
153	5765	20.81	20.95	23.89	27.34	-3.45
Mid	5785	20.81	21.00	23.92	27.34	-3.42
High	5825	20.44	20.50	23.48	27.34	-3.86
144	5720	12.94	13.32	16.14	27.34	-11.20

9.2.28. 802.11n HT40 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5755	5.20	8.21	30.00	27.79
High	5795	5.20	8.21	30.00	27.79
142	5710	5.20	8.21	30.00	27.79

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.94	18.04	21.00	30.00	-9.00
High	5795	17.96	18.02	21.00	30.00	-9.00
142	5710	14.62	15.19	17.92	30.00	-12.08

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5755	7.30	10.31	28.70	25.69
High	5795	7.30	10.31	28.70	25.69
142	5710	7.30	10.31	28.70	25.69

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	15.96	15.77	18.88	28.70	-9.82
High	5795	17.02	17.02	20.03	28.70	-8.67
142	5710	14.98	14.94	17.97	28.70	-10.73

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5755	8.66	11.67	27.34	24.33
High	5795	8.66	11.67	27.34	24.33
142	5710	8.66	11.67	27.34	24.33

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	16.49	16.31	19.41	27.34	-7.93
High	5795	17.02	17.02	20.03	27.34	-7.31
142	5710	14.18	14.65	17.43	27.34	-9.91

9.2.29. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5755	5.20	8.21	30.00	27.79
138	5690	5.20	8.21	30.00	27.79

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	16.45	16.19	19.33	30.00	-10.67
138	5690	14.90	15.62	18.29	30.00	-11.71

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5755	7.30	10.31	28.70	25.69
138	5690	7.30	10.31	28.70	25.69

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	15.48	15.23	18.37	28.70	-10.33
138	5690	15.75	15.70	18.74	28.70	-9.96

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5755	8.66	11.67	27.34	24.33
138	5690	8.66	11.67	27.34	24.33

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	15.48	15.23	18.37	27.34	-8.97
138	5690	13.58	14.05	16.83	27.34	-10.51

9.2.30. 802.11be EHT20 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (Low Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	5.20	8.21	30.00	27.79
153	5765	5.20	8.21	30.00	27.79
Mid	5785	5.20	8.21	30.00	27.79
High	5825	5.20	8.21	30.00	27.79
144	5720	5.20	8.21	30.00	27.79

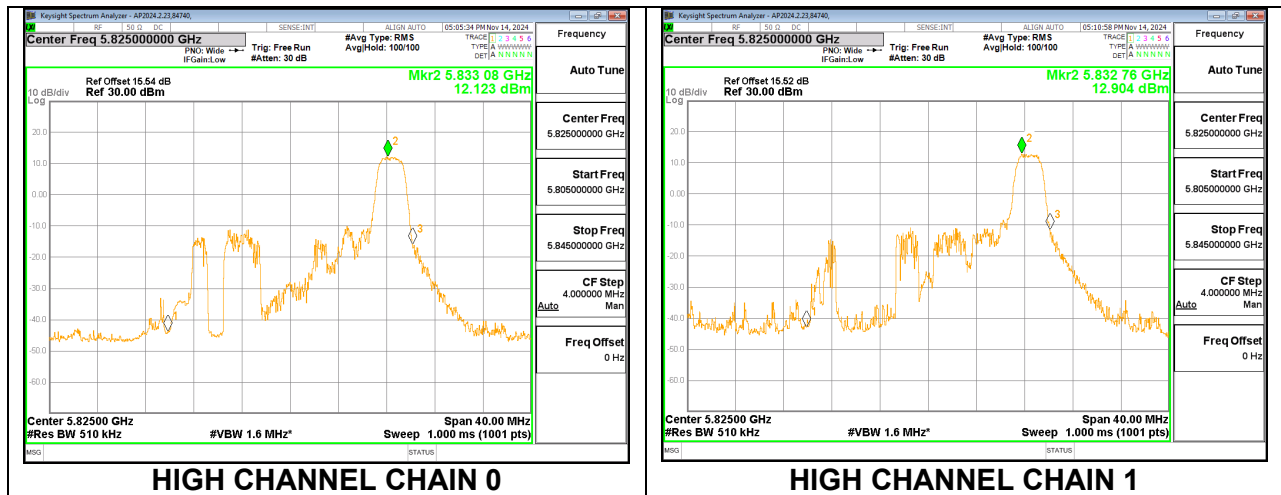
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.01	14.95	17.99	30.00	-12.01
153	5765	18.32	18.26	21.30	30.00	-8.70
Mid	5785	18.39	18.83	21.63	30.00	-8.37
High	5825	18.61	18.52	21.58	30.00	-8.42
144	5720	8.23	8.07	11.16	30.00	-18.84

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/ 500KHz)	CHAIN 1 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	11.323	11.942	14.654	27.79	-13.14
Mid	5785	11.980	12.467	15.241	27.79	-12.55
High	5825	12.123	12.904	15.541	27.79	-12.25
144	5720	14.605	15.143	17.893	27.79	-9.90



PSD was performed at Mid Channel power setting at lowest, middle, highest channel. Therefore 5765 MHz, didn't require additional PSD measurements.

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	7.30	10.31	28.70	25.69
153	5765	7.30	10.31	28.70	25.69
Mid	5785	7.30	10.31	28.70	25.69
High	5825	7.30	10.31	28.70	25.69
144	5720	7.30	10.31	28.70	25.69

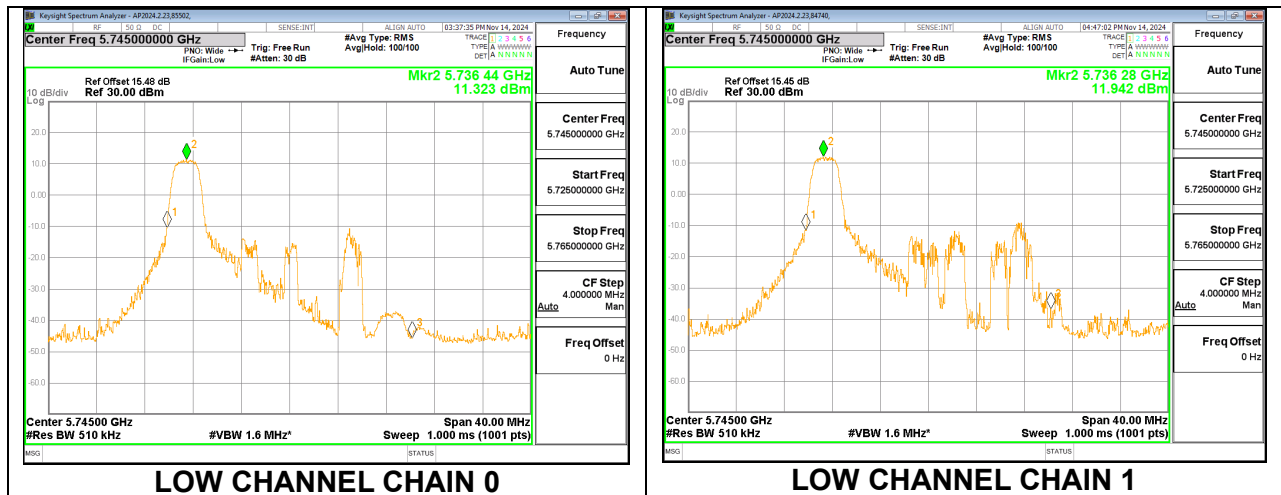
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.01	14.95	17.99	28.70	-10.71
153	5765	18.32	18.26	21.30	28.70	-7.40
Mid	5785	18.39	18.83	21.63	28.70	-7.07
High	5825	18.61	18.52	21.58	28.70	-7.12
144	5720	9.36	9.42	12.40	28.70	-16.30

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/ 500KHz)	CHAIN 1 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	11.323	11.942	14.654	25.69	-11.04
Mid	5785	11.980	12.467	15.241	25.69	-10.45
High	5825	12.123	12.904	15.541	25.69	-10.15
144	5720	14.605	15.143	17.893	25.69	-7.80



PSD was performed at Mid Channel power setting at lowest, middle, highest channel. Therefore 5765 MHz, didn't require additional PSD measurements.

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (High Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	8.66	11.67	27.34	24.33
153	5765	8.66	11.67	27.34	24.33
Mid	5785	8.66	11.67	27.34	24.33
High	5825	8.66	11.67	27.34	24.33
144	5720	8.66	11.67	27.34	24.33

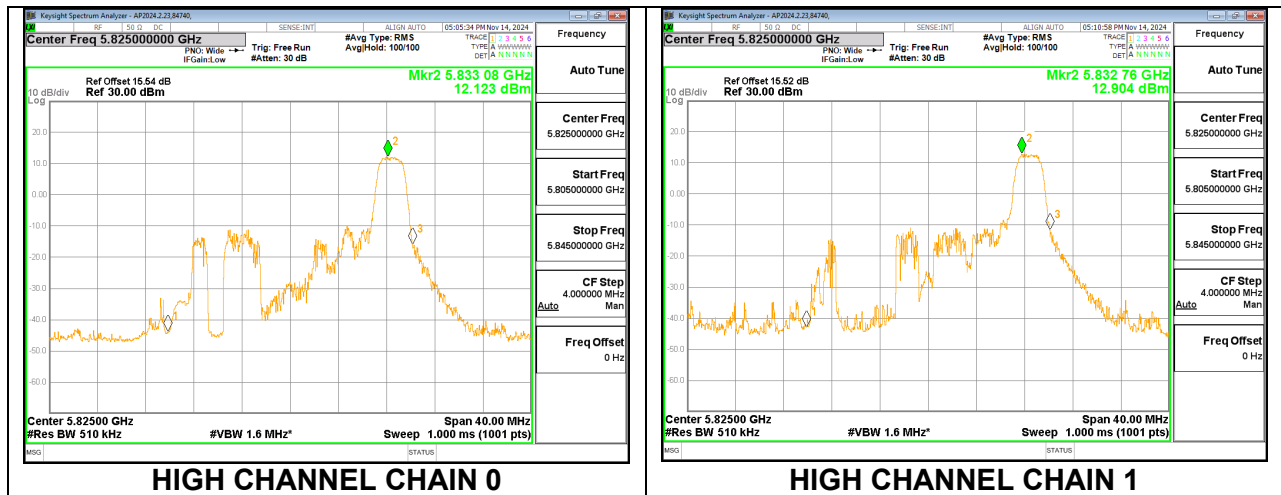
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.01	14.95	17.99	27.34	-9.35
153	5765	18.32	18.26	21.30	27.34	-6.04
Mid	5785	18.39	18.83	21.63	27.34	-5.71
High	5825	17.50	17.34	20.43	27.34	-6.91
144	5720	5.31	5.17	8.25	27.34	-19.09

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/ 500KHz)	CHAIN 1 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	11.323	11.942	14.654	24.33	-9.68
Mid	5785	11.980	12.467	15.241	24.33	-9.09
High	5825	12.123	12.904	15.541	24.33	-8.79
144	5720	11.241	12.259	14.790	24.33	-9.54



PSD was performed at Mid Channel power setting at lowest, middle, highest channel.
Therefore 5765 MHz, didn't require additional PSD measurements.

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (Low Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	5.20	8.21	30.00	27.79
153	5765	5.20	8.21	30.00	27.79
Mid	5785	5.20	8.21	30.00	27.79
High	5825	5.20	8.21	30.00	27.79
144	5720	5.20	8.21	30.00	27.79

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.09	15.07	18.09	30.00	-11.91
153	5765	18.26	18.43	21.36	30.00	-8.64
Mid	5785	18.40	18.79	21.61	30.00	-8.39
High	5825	18.50	18.53	21.53	30.00	-8.47
144	5720	11.28	11.59	14.448	27.79	-13.34

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	7.30	10.31	28.70	25.69
153	5765	7.30	10.31	28.70	25.69
Mid	5785	7.30	10.31	28.70	25.69
High	5825	7.30	10.31	28.70	25.69
144	5720	7.30	10.31	28.70	25.69

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.09	15.07	18.09	28.70	-10.61
153	5765	18.26	18.43	21.36	28.70	-7.34
Mid	5785	18.40	18.79	21.61	28.70	-7.09
High	5825	18.50	18.53	21.53	28.70	-7.17
144	5720	11.20	10.61	13.925	25.69	-11.76

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (High Gain)

Test Engineer:	84740, 85502, 104463/85502
Test Date:	2024-11-14, 2025-01-25, 2025-04-11

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	8.66	11.67	27.34	24.33
153	5765	8.66	11.67	27.34	24.33
Mid	5785	8.66	11.67	27.34	24.33
High	5825	8.66	11.67	27.34	24.33
144	5720	8.66	11.67	27.34	24.33

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.09	15.07	18.09	27.34	-9.25
153	5765	18.26	18.43	21.36	27.34	-5.98
Mid	5785	18.40	18.79	21.61	27.34	-5.73
High	5825	17.77	17.39	20.59	27.34	-6.75
144	5720	7.61	7.83	10.732	24.33	-13.60

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T+26T (Low Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	5.20	8.21	30.00	27.79
153	5765	5.20	8.21	30.00	27.79
Mid	5785	5.20	8.21	30.00	27.79
High	5825	5.20	8.21	30.00	27.79
144	5720	5.20	8.21	30.00	27.79

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.21	15.47	18.35	30.00	-11.65
153	5765	18.41	18.67	21.55	30.00	-8.45
Mid	5785	18.33	18.79	21.58	30.00	-8.42
High	5825	18.64	18.79	21.73	30.00	-8.27
144	5720	11.58	12.05	14.83	27.79	-12.96

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T+26T (Mid Gain)

Test Engineer:	84740, 85502
Test Date:	2024-11-14, 2025-01-25

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	7.30	10.31	28.70	25.69
153	5765	7.30	10.31	28.70	25.69
Mid	5785	7.30	10.31	28.70	25.69
High	5825	7.30	10.31	28.70	25.69
144	5720	7.30	10.31	28.70	25.69

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.21	15.47	18.35	28.70	-10.35
153	5765	18.41	18.67	21.55	28.70	-7.15
Mid	5785	18.33	18.79	21.58	28.70	-7.12
High	5825	18.64	18.79	21.73	28.70	-6.97
144	5720	9.87	10.02	12.96	25.69	-12.73

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T+26T (High Gain)

Test Engineer:	84740, 85502, 104463/85502
Test Date:	2024-11-14, 2025-01-25, 2025-04-11

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5745	8.66	11.67	27.34	24.33
153	5765	8.66	11.67	27.34	24.33
Mid	5785	8.66	11.67	27.34	24.33
High	5825	8.66	11.67	27.34	24.33
144	5720	8.66	11.67	27.34	24.33

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	15.21	15.47	18.35	27.34	-8.99
153	5765	18.41	18.67	21.55	27.34	-5.79
Mid	5785	18.33	18.79	21.58	27.34	-5.76
High	5825	17.91	17.81	20.87	27.34	-6.47
144	5720	7.76	8.32	11.06	24.33	-13.27