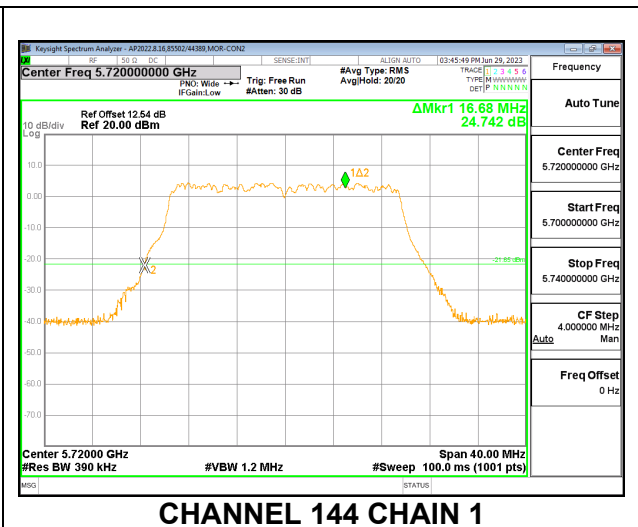
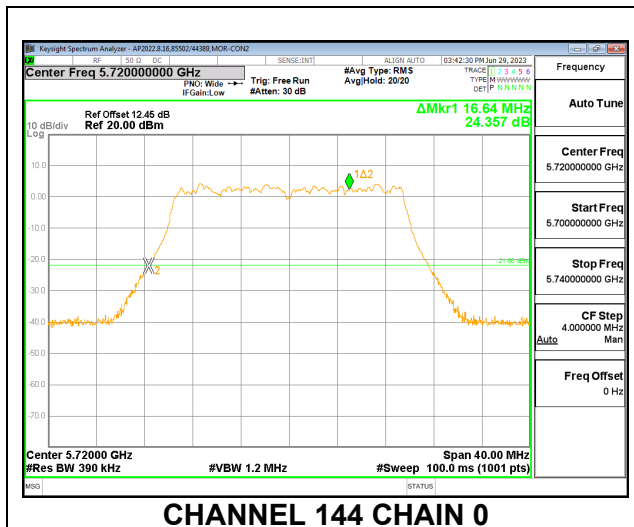
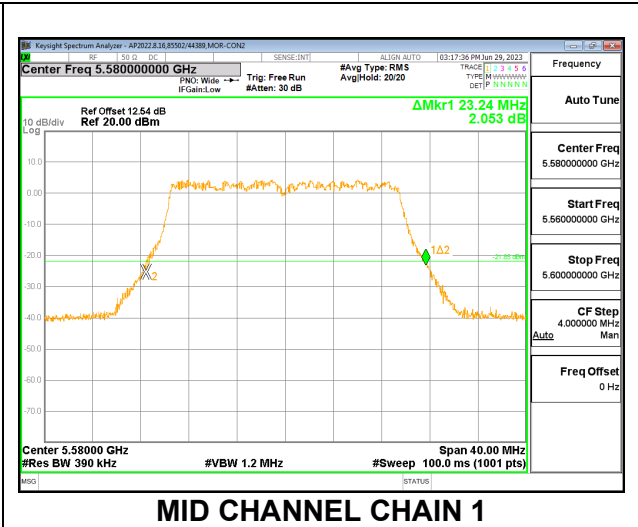
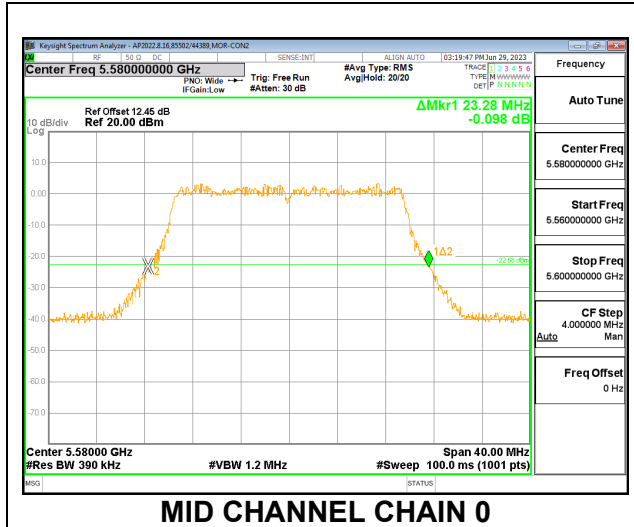


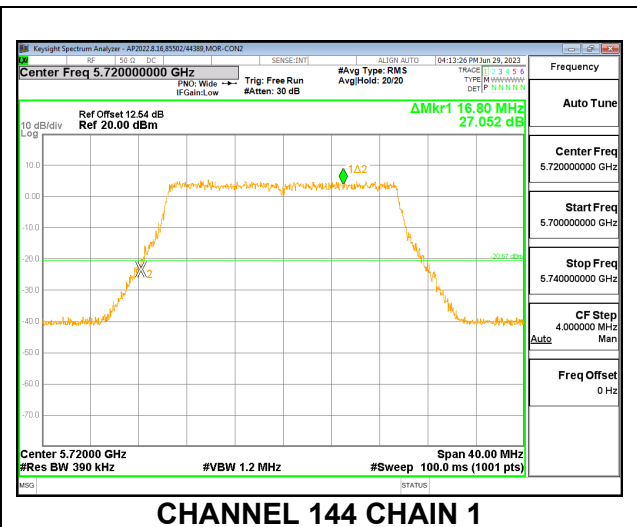
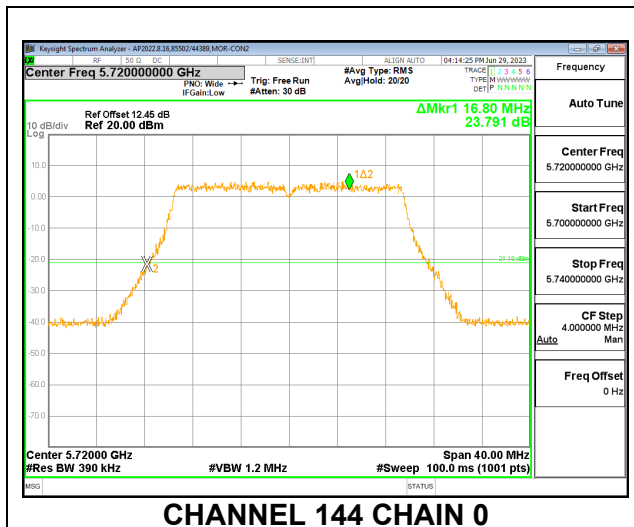
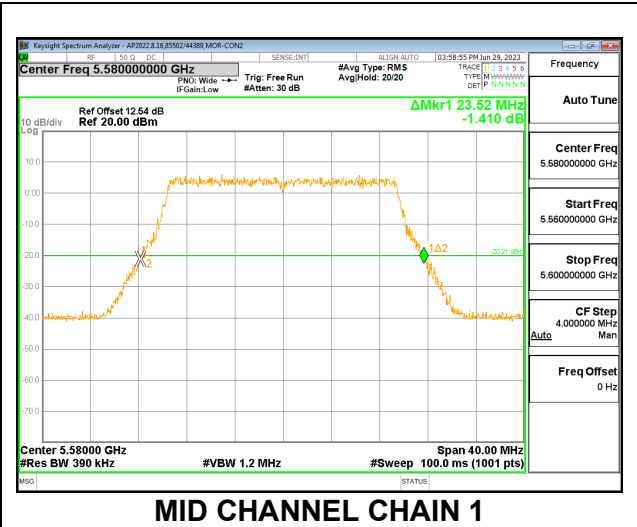
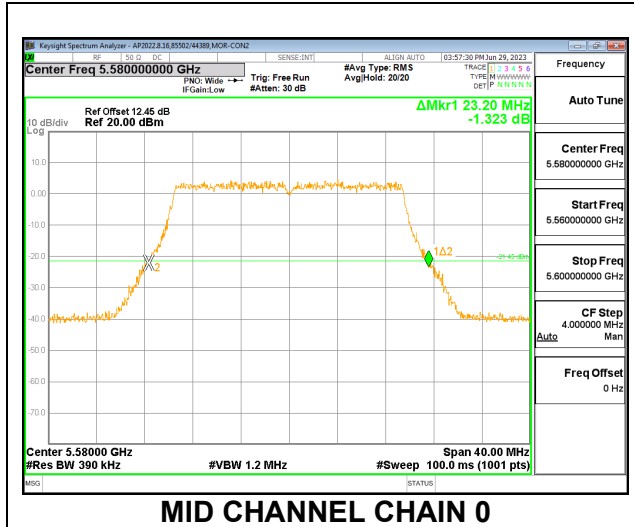
2TX CDD MODE – 242T

Channel	Frequency	26dB BW Chain 0 (MHz)	26dB BW Chain 1 (MHz)
Low	5500	23.28	23.16
Mid	5580	23.28	23.24
High	5700	23.24	23.36
144	5720	16.64	16.68



2TX CDD MODE – SU

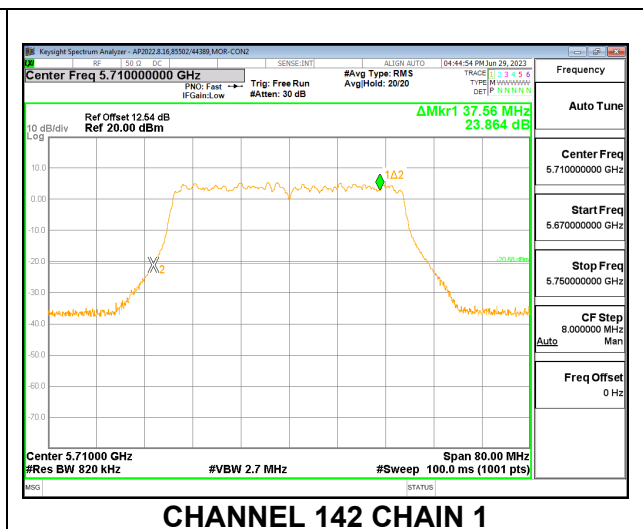
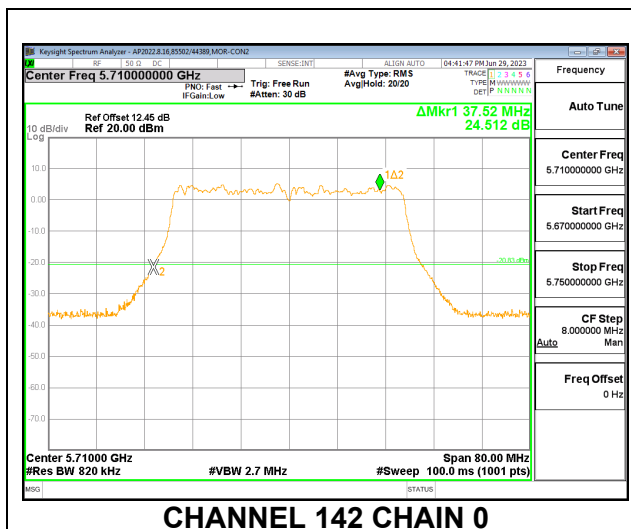
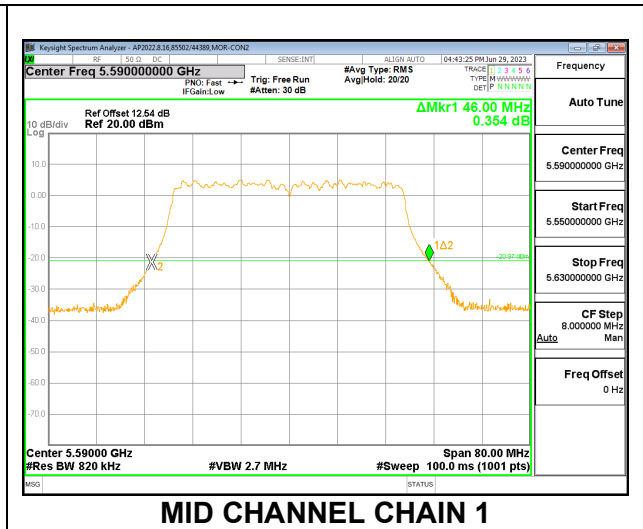
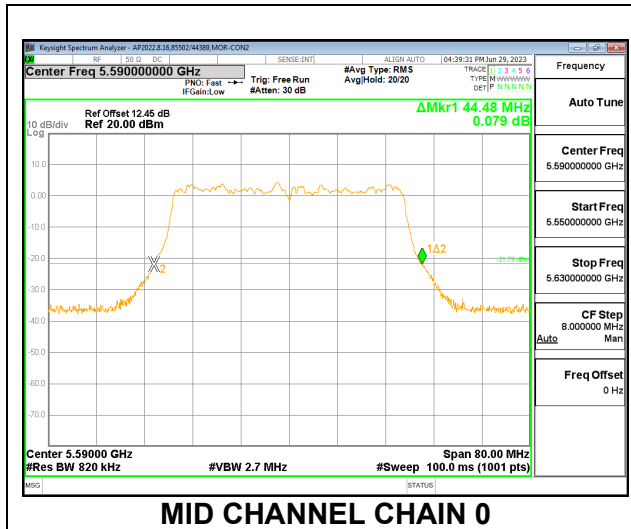
Channel	Frequency	26dB BW Chain 0 (MHz)	26dB BW Chain 1 (MHz)
Low	5500	23.44	23.64
Mid	5580	23.20	23.52
High	5700	23.36	23.52
144	5720	16.80	16.80



9.2.23. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

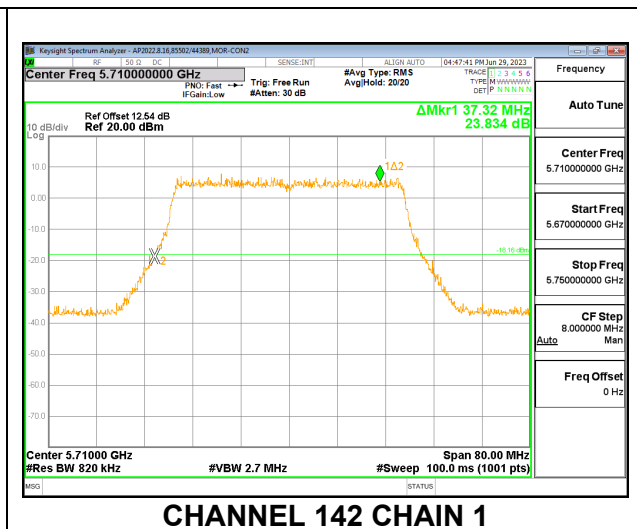
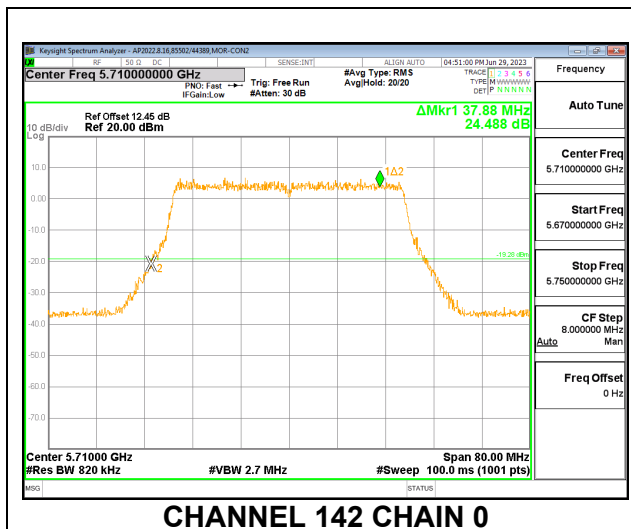
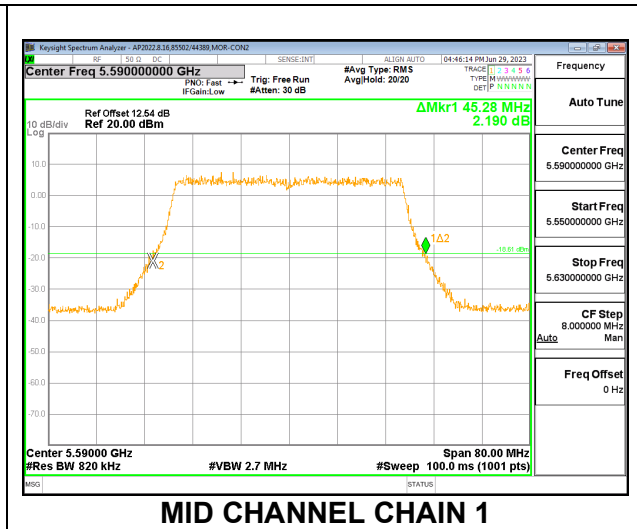
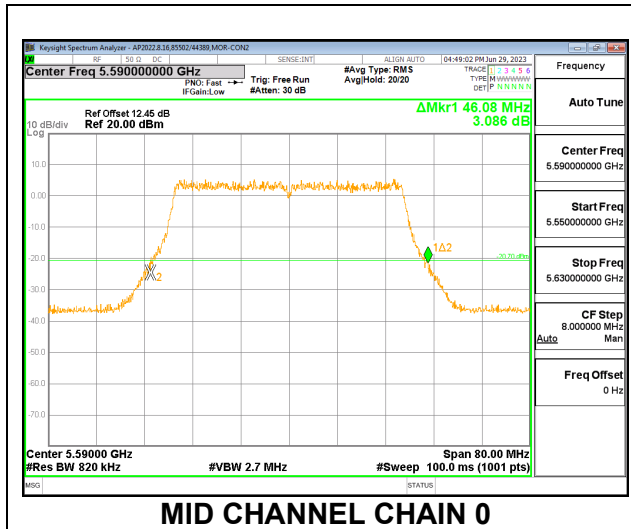
2TX CDD MODE – 484T

Channel	Frequency	26dB BW Chain 0 (MHz)	26dB BW Chain 1 (MHz)
Low	5510	44.56	46.24
Mid	5590	44.48	46.00
High	5670	44.48	45.52
142	5710	37.52	37.56



2TX CDD MODE – SU

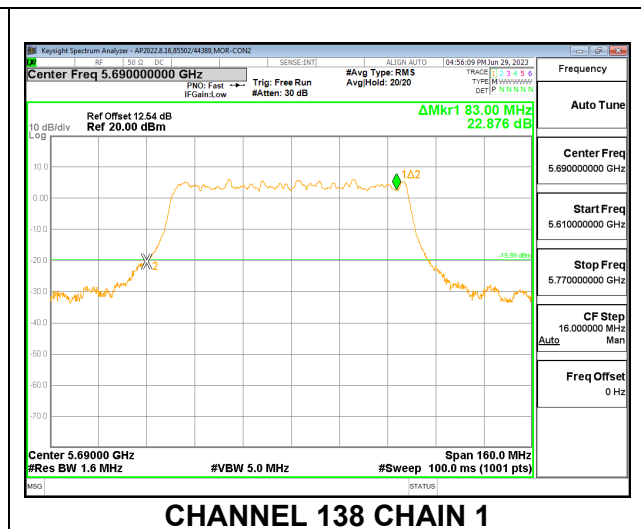
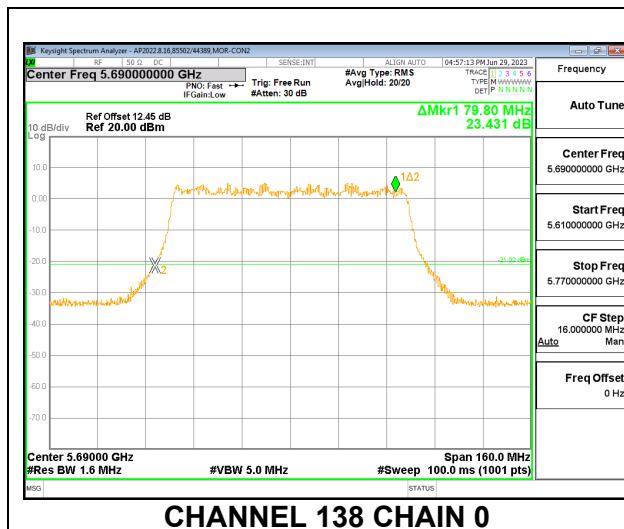
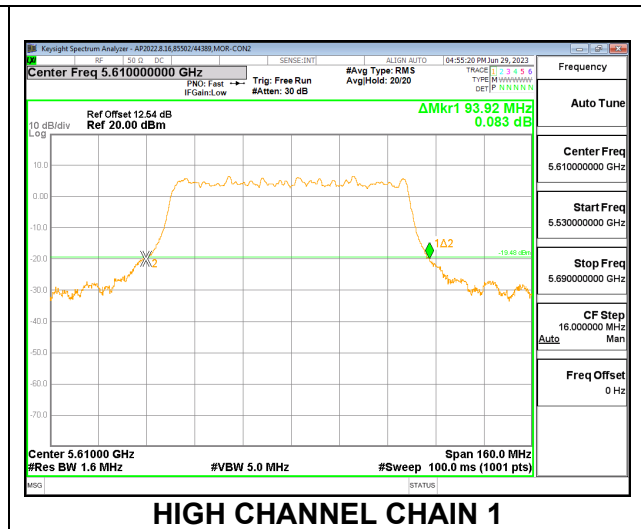
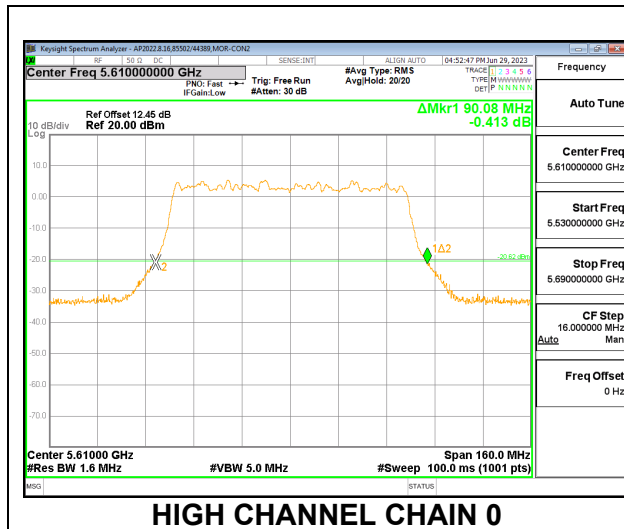
Channel	Frequency	26dB BW Chain 0 (MHz)	26dB BW Chain 1 (MHz)
Low	5510	44.52	45.12
Mid	5590	46.08	45.28
High	5670	45.68	45.68
142	5710	37.88	37.32



9.2.24. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

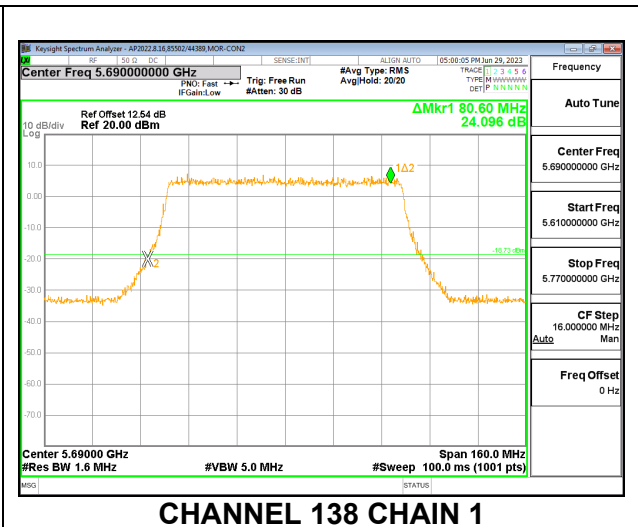
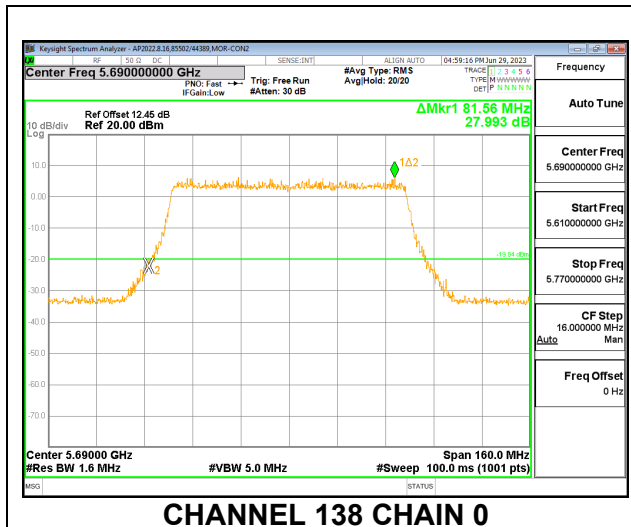
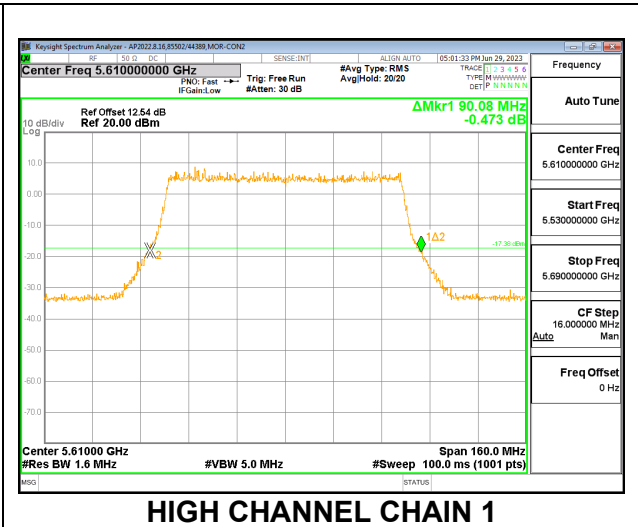
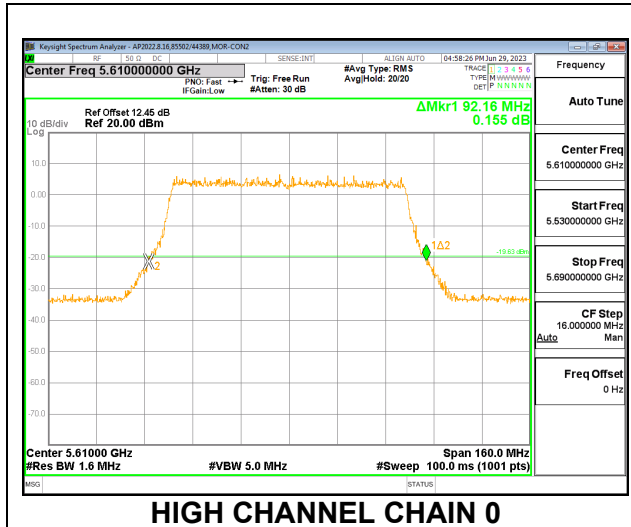
2TX CDD MODE – 996T

Channel	Frequency	26dB BW Chain 0 (MHz)	26dB BW Chain 1 (MHz)
Low	5530	88.96	92.96
High	5610	90.08	93.92
138	5690	79.80	83.00



2TX CDD MODE – SU

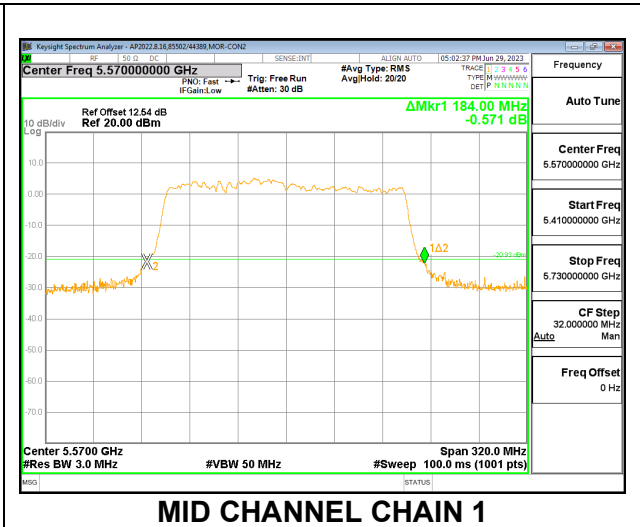
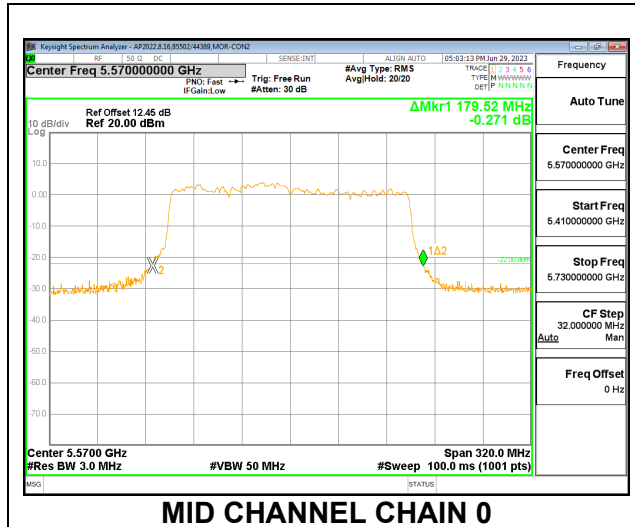
Channel	Frequency	26dB BW Chain 0 (MHz)	26dB BW Chain 1 (MHz)
Low	5530	90.72	90.72
High	5610	92.16	90.08
138	5690	81.56	80.60



9.2.25. 802.11ax HE160 MODE IN THE 5.6 GHz BAND

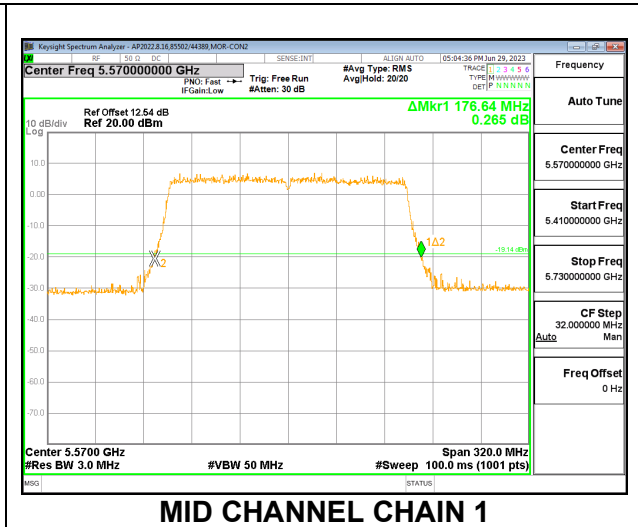
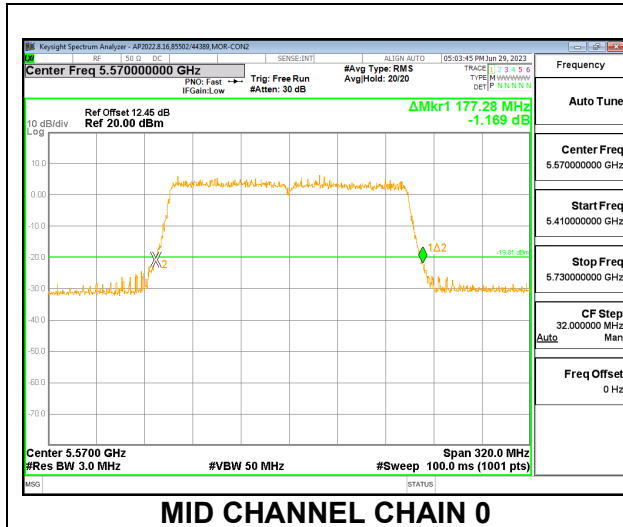
2TX CDD MODE – 2x996T

Channel	Frequency	26dB BW Chain 0 (MHz)	26dB BW Chain 1 (MHz)
Mid	5570	179.52	184.00



2TX CDD MODE – SU

Channel	Frequency	26dB BW Chain 0 (MHz)	26dB BW Chain 1 (MHz)
Mid	5570	177.28	176.64



9.3. 6 dB BANDWIDTH LIMITS

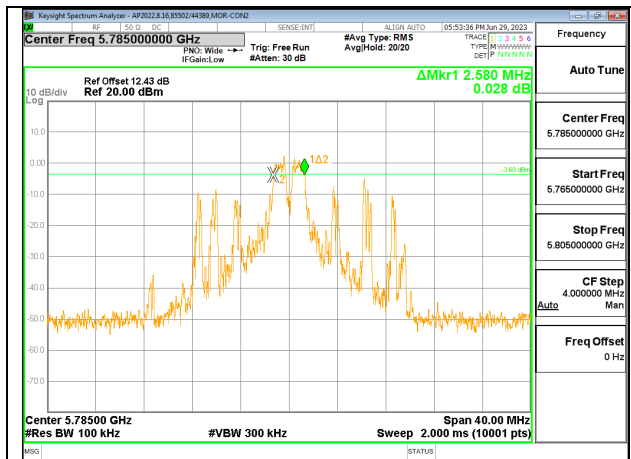
FCC §15.407 (e)

The minimum 6 dB bandwidth shall be at least 500 kHz.
 Note: 802.11ax HE20 26T tested as worst-case.

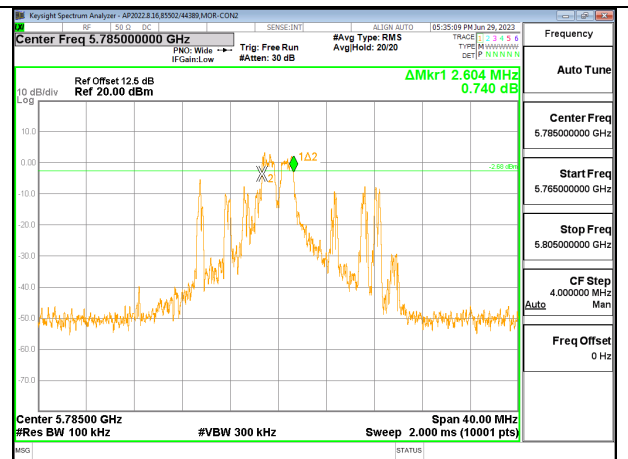
RESULTS

9.3.1. 802.11ax HE20 MODE IN THE 5.8 GHz BAND 2TX CDD MODE – 26T

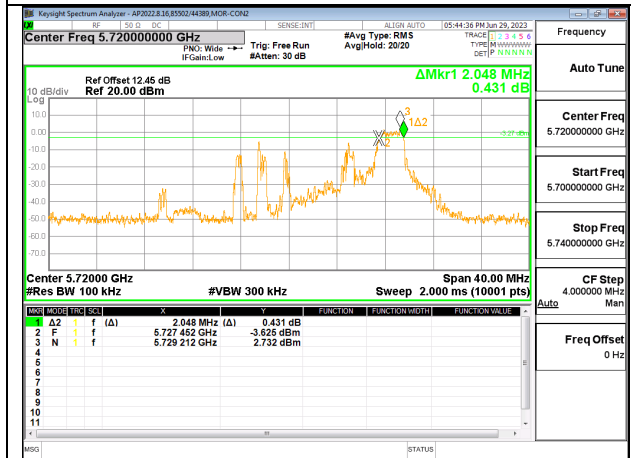
Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5745	2.096	2.036	0.5
Mid	5785	2.580	2.604	0.5
High	5825	2.064	2.016	0.5
144	5720	2.048	1.992	0.5



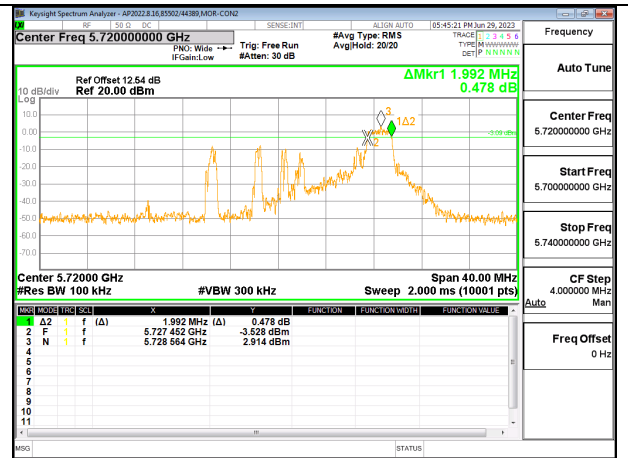
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



CHANNEL 144 CHAIN 0



CHANNEL 144 CHAIN 1

9.4. 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.

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

2 TX DIRECTIONAL ANTENNA GAIN

Tx chains are uncorrelated for power and correlated for PSD. The directional gains are as follows:

Band (GHz)	Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2/5.3	-0.97	-4.55	-2.40	0.43
5.6	-0.24	-3.22	-1.48	1.41
5.8	-0.07	-3.14	-1.34	1.54

Directional gains for MIMO operations were determined using KDB662911 D01 Section F (2)(d)(i) and (ii) for unequal antenna gains, with equal transmit powers. The directional gains are calculated using the formulas for uncorrelated and correlated transmissions across the two transmit antennas.

- (i) Correlated gain = $10\log((10^{G1/20} + 10^{G2/20})^2 / N_{Ant})$
- (ii) Uncorrelated gain = $10\log((10^{G1/10} + 10^{G2/10}) / N_{Ant})$

Sample calculation, using 2 antennas:

Correlated gain = $10\log(10^{-0.97/20} + 10^{-4.55/20})^2 / 2) = 0.43\text{dBi}$

Uncorrelated gain = $10\log(10^{-0.97/10} + 10^{-4.55/10}) / 2) = -2.40\text{dBi}$

RESULTS

9.4.1. 802.11a MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

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	-2.40	0.43	24.00	11.00
Mid	5200	-2.40	0.43	24.00	11.00
High	5240	-2.40	0.43	24.00	11.00

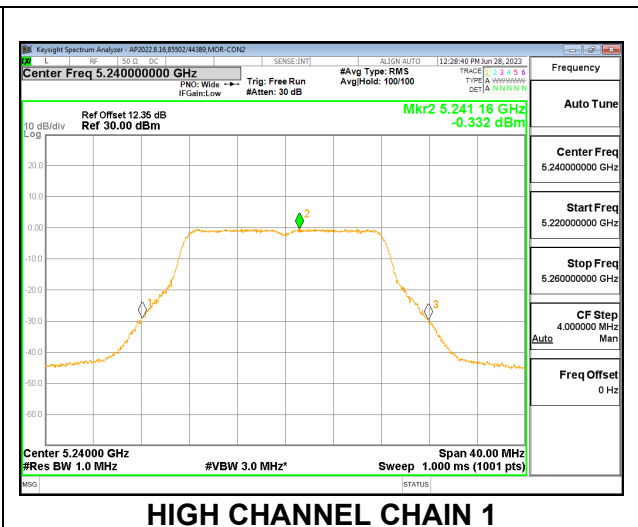
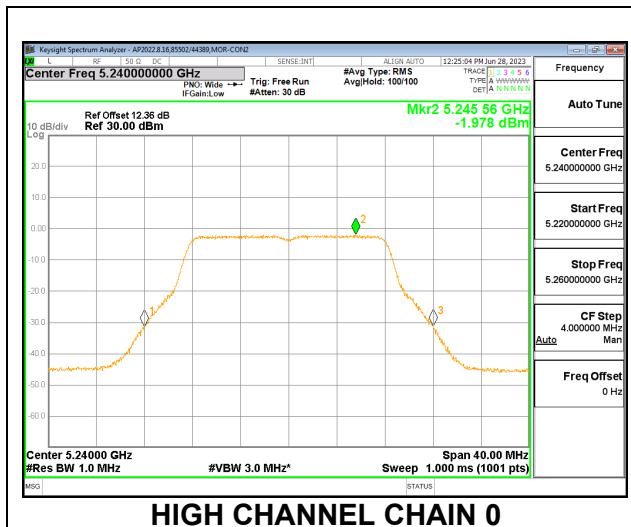
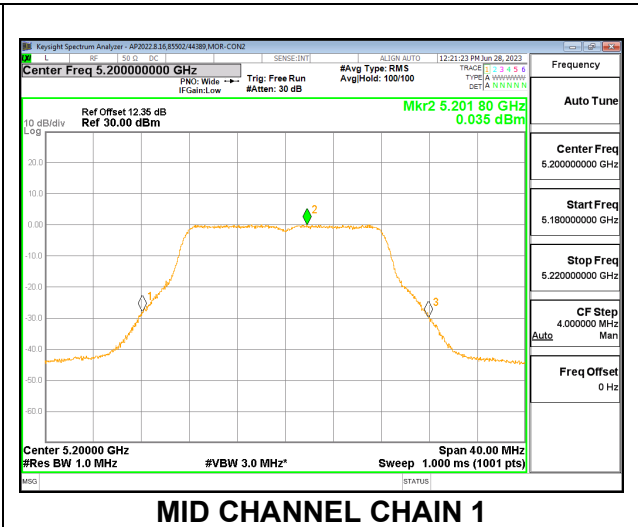
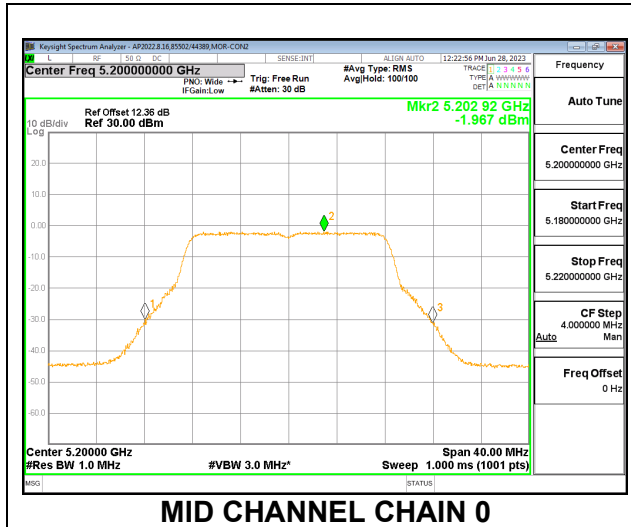
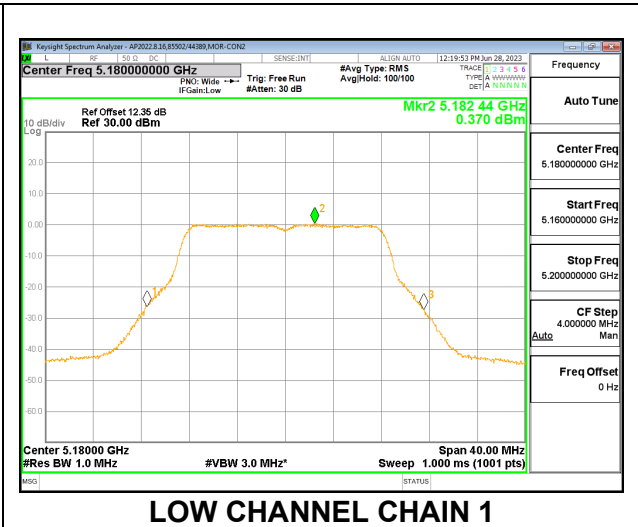
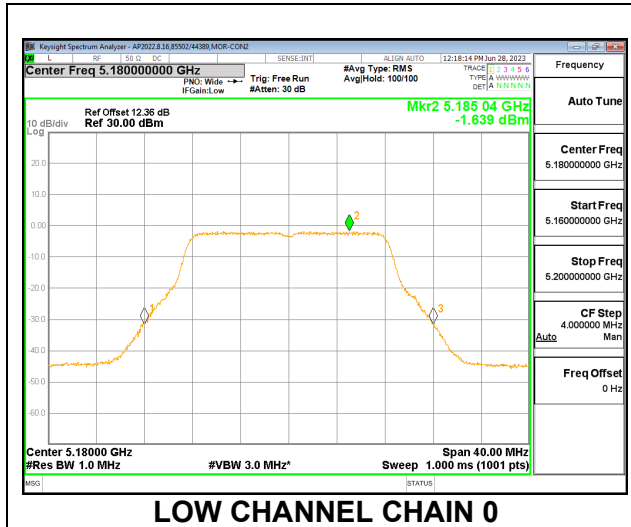
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

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	9.73	11.47	13.70	24.00	-10.30
Mid	5200	9.75	11.34	13.63	24.00	-10.37
High	5240	9.77	11.14	13.52	24.00	-10.48

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	-1.64	0.37	2.49	11.00	-8.51
Mid	5200	-1.97	0.04	2.16	11.00	-8.84
High	5240	-1.98	-0.33	1.93	11.00	-9.07



9.4.2. 802.11n HT20 MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5180	-2.40	0.43	24.00
Mid	5200	-2.40	0.43	24.00
High	5240	-2.40	0.43	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	9.12	11.07	13.21	24.00	-10.79
Mid	5200	9.97	11.47	13.79	24.00	-10.21
High	5240	9.85	11.16	13.56	24.00	-10.44

9.4.3. 802.11n HT40 MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Low	5190	-2.40	0.43	24.00
High	5230	-2.40	0.43	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	5190	9.49	11.08	13.37	24.00	-10.63
High	5230	9.52	10.97	13.32	24.00	-10.68

9.4.4. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5210	-2.40	0.43	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	9.95	11.48	13.79	24.00	-10.21

9.4.5. 802.11ac VHT160 MODE IN THE 5.2 & 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)
Mid	5250	-2.40	0.43	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	9.01	11.22	13.26	24.00	-10.74

9.4.6. 802.11ax HE20 MODE IN THE 5.2GHz BAND

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

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 (RU0)	5180	-2.40	0.43	24.00	11.00
Mid (RU4)	5200	-2.40	0.43	24.00	11.00
High (RU8)	5240	-2.40	0.43	24.00	11.00

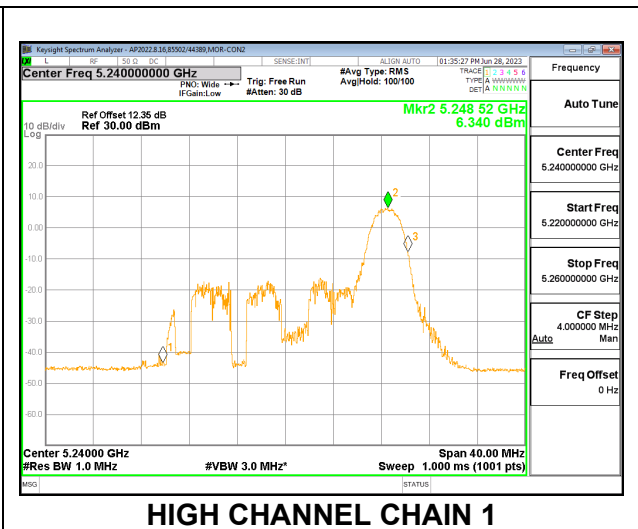
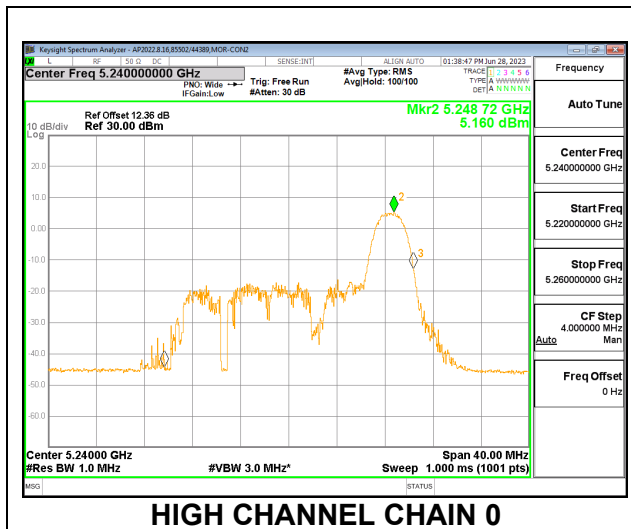
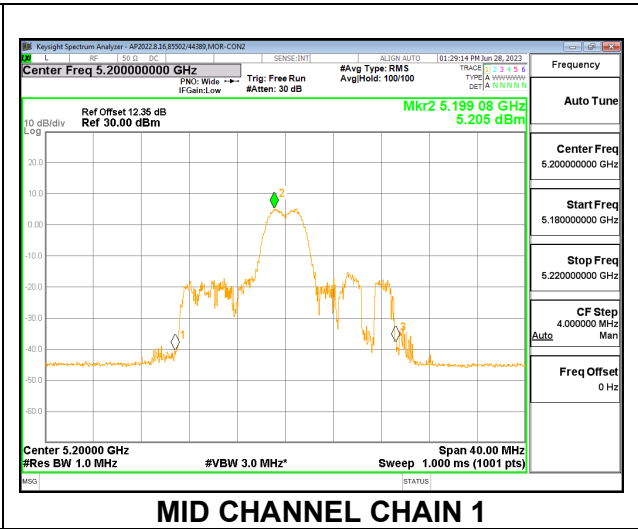
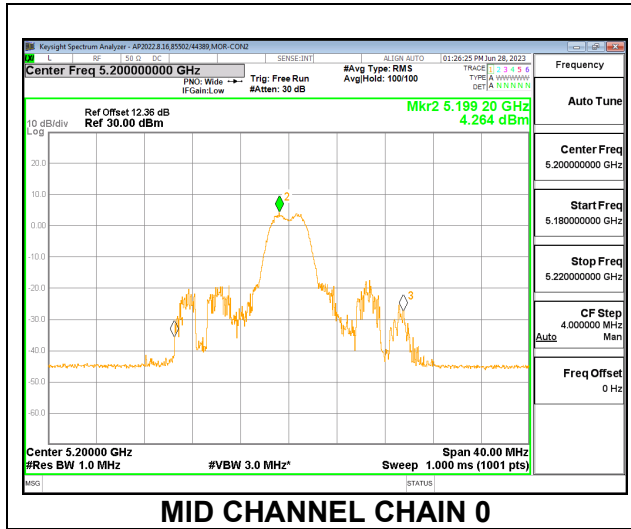
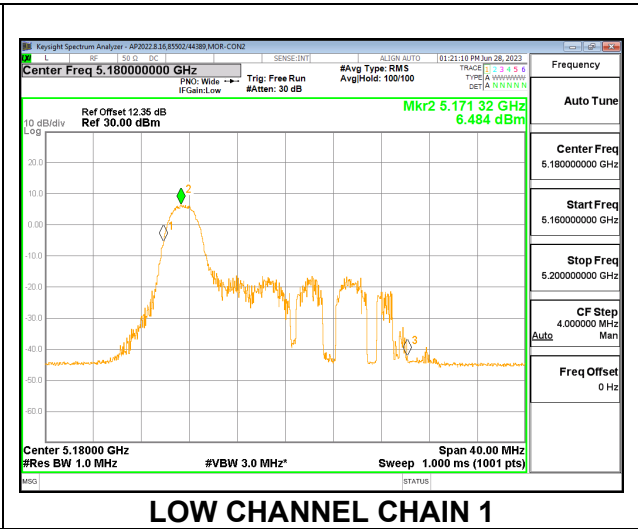
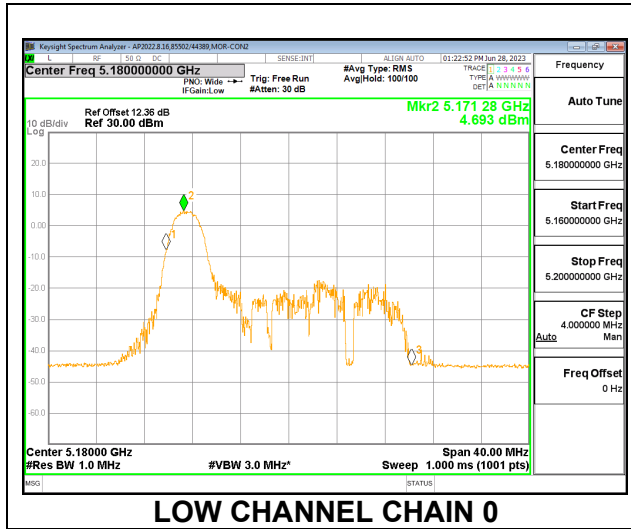
Duty Cycle CF (dB)	0.25	Included in Calculations of Corr'd PSD
---------------------------	------	---

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 (RU0)	5180	7.08	8.88	11.08	24.00	-12.92
Mid (RU4)	5200	7.34	8.87	11.18	24.00	-12.82
High (RU8)	5240	7.95	9.07	11.56	24.00	-12.44

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 (RU0)	5180	4.69	6.48	8.94	11.00	-2.06
Mid (RU4)	5200	4.26	5.21	8.02	11.00	-2.98
High (RU8)	5240	5.16	6.34	9.05	11.00	-1.95



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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

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 (RU37)	5180	-2.40	0.43	24.00	11.00
Mid (RU38)	5200	-2.40	0.43	24.00	11.00
High (RU40)	5240	-2.40	0.43	24.00	11.00

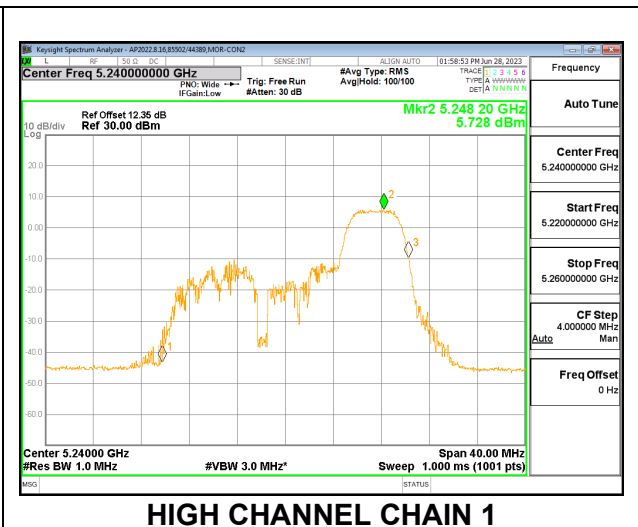
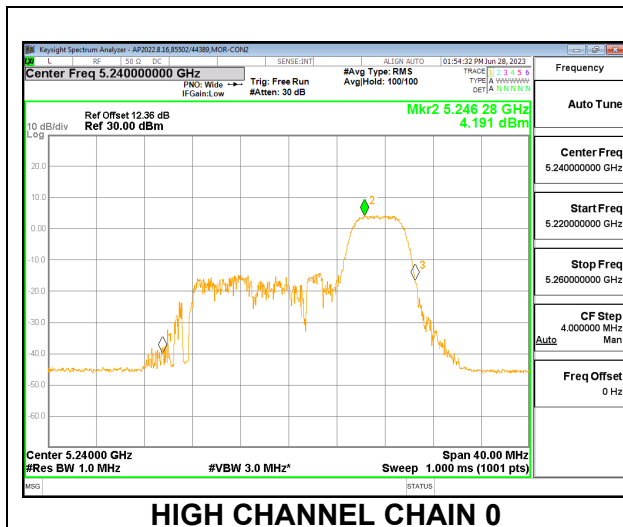
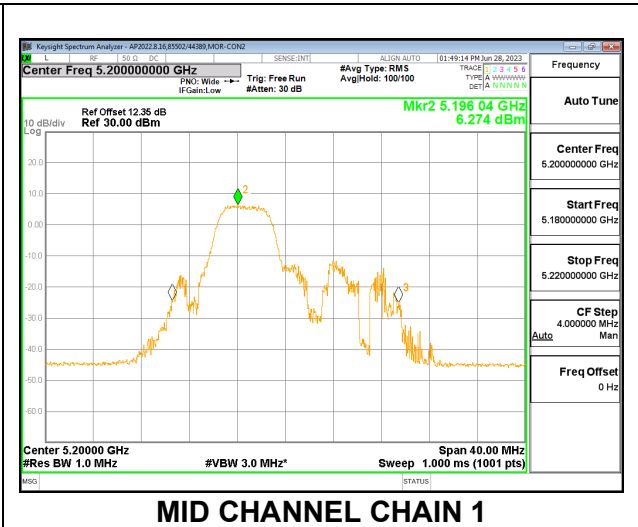
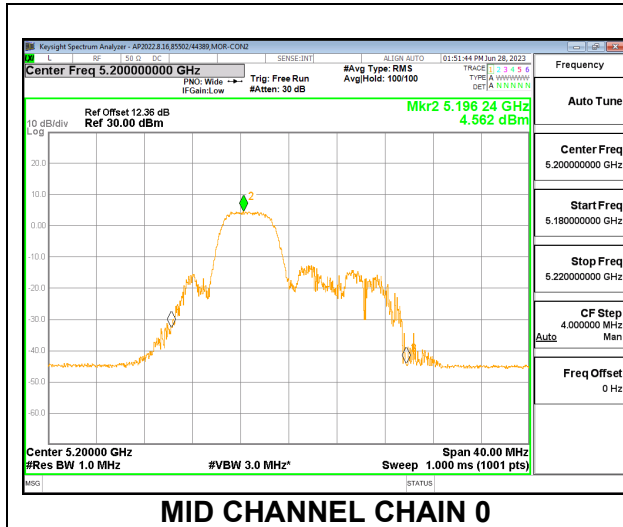
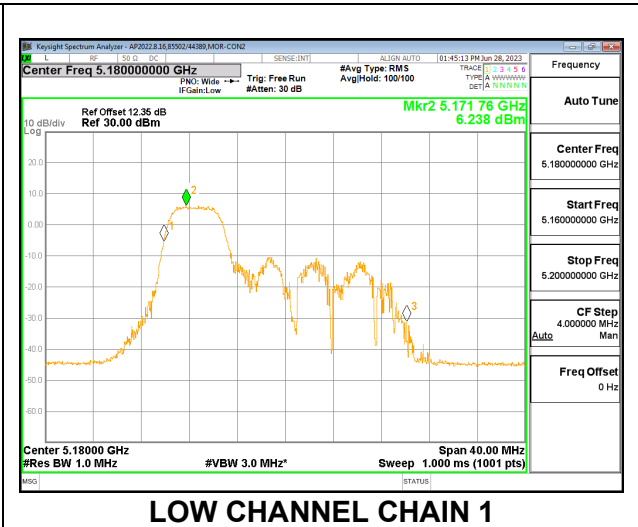
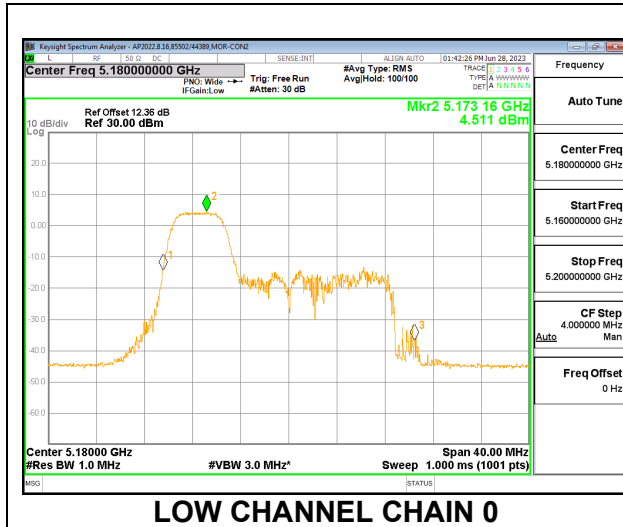
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
---------------------------	------	---

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 (RU37)	5180	9.60	11.32	13.55	24.00	-10.45
Mid (RU38)	5200	9.73	11.43	13.67	24.00	-10.33
High (RU40)	5240	9.83	11.37	13.68	24.00	-10.32

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 (RU37)	5180	4.51	6.24	8.73	11.00	-2.27
Mid (RU38)	5200	4.56	6.27	8.77	11.00	-2.23
High (RU40)	5240	4.19	5.73	8.30	11.00	-2.70



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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU53)	5180	-2.40	24.00
Mid (RU53)	5200	-2.40	24.00
High (RU54)	5240	-2.40	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 (RU53)	5180	9.48	11.27	13.48	24.00	-10.52
Mid (RU53)	5200	9.55	11.14	13.43	24.00	-10.57
High (RU54)	5240	9.73	11.33	13.61	24.00	-10.39

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU61)	5180	-2.40	24.00
Mid (RU61)	5200	-2.40	24.00
High (RU61)	5240	-2.40	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 (RU61)	5180	9.40	11.19	13.40	24.00	-10.60
Mid (RU61)	5200	9.33	11.04	13.28	24.00	-10.72
High (RU61)	5240	9.67	11.40	13.63	24.00	-10.37

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU61)	5180	-2.40	24.00
Mid (RU61)	5200	-2.40	24.00
High (RU61)	5240	-2.40	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 (RU61)	5180	9.34	11.10	13.32	24.00	-10.68
Mid (RU61)	5200	10.12	11.48	13.86	24.00	-10.14
High (RU61)	5240	10.00	11.24	13.67	24.00	-10.33

9.4.7. 802.11ax HE40 MODE IN THE 5.2GHz BAND

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU65)	5190	-2.40	24.00
High (RU65)	5230	-2.40	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 (RU65)	5190	9.83	11.41	13.70	24.00	-10.30
High (RU65)	5230	9.48	11.07	13.36	24.00	-10.64

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU65)	5190	-2.40	24.00
High (RU65)	5230	-2.40	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 (RU65)	5190	9.26	11.03	13.24	24.00	-10.76
High (RU65)	5230	9.54	11.05	13.37	24.00	-10.63

9.4.8. 802.11ax HE80 MODE IN THE 5.2GHz BAND

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Mid (RU67)	5210	-2.40	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 (RU67)	5210	9.81	11.19	13.56	24.00	-10.44

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Mid (RU67)	5210	-2.40	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 (RU67)	5210	9.85	11.19	13.58	24.00	-10.42

9.4.9. 802.11ax HE160 MODE IN THE 5.2GHz & 5.3GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Mid (RU68)	5250	180.48	-2.40	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 (RU68)	5250	7.12	9.24	11.32	24.00	-12.68

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Mid (RU68)	5250	176.32	-2.40	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 (RU68)	5250	9.38	11.02	13.29	24.00	-10.71

9.4.10. 802.11a MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	23.64	-2.40	0.43	24.00	11.00
Mid	5300	23.56	-2.40	0.43	24.00	11.00
High	5320	23.72	-2.40	0.43	24.00	11.00

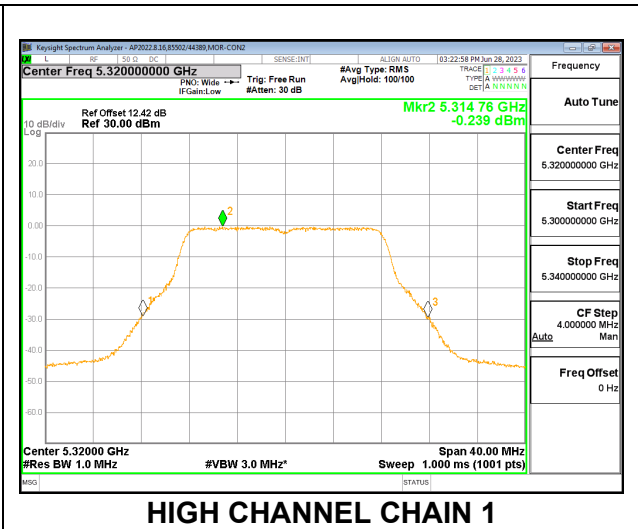
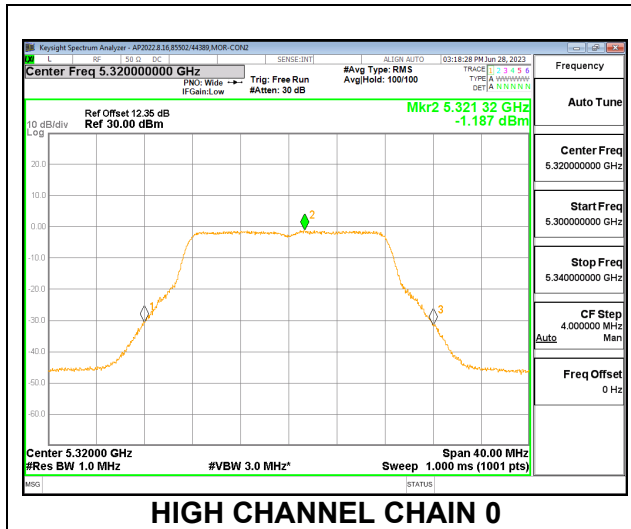
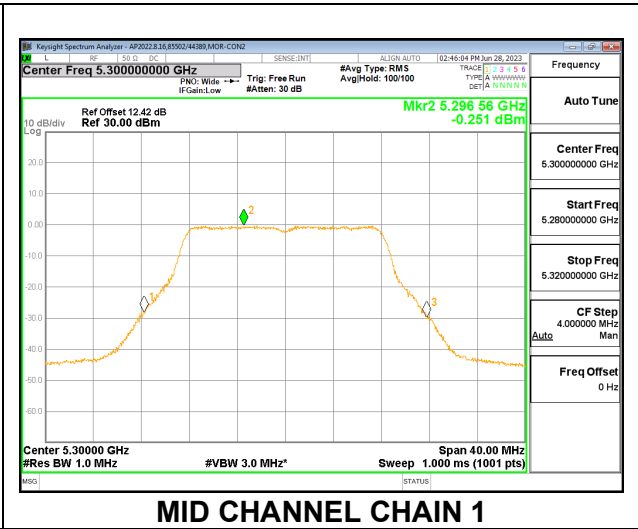
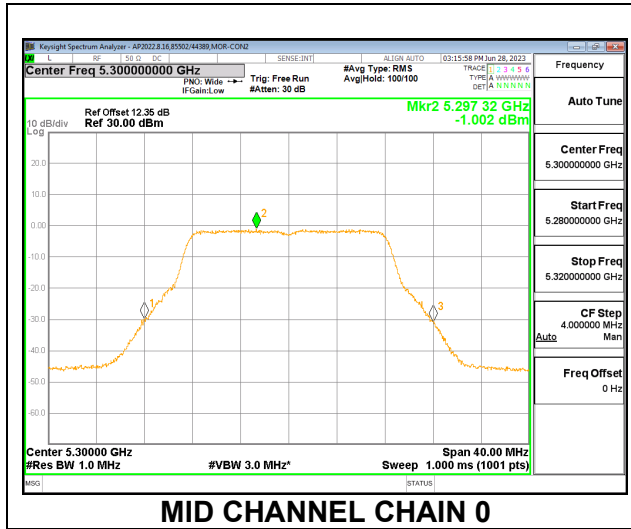
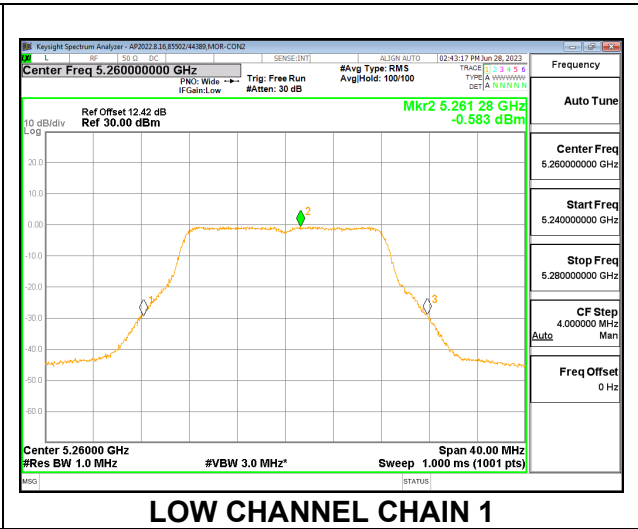
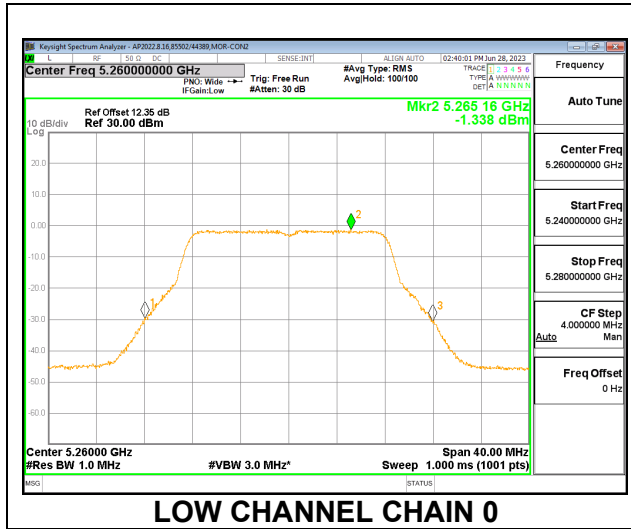
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

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	5260	10.02	11.14	13.63	24.00	-10.37
Mid	5300	10.05	11.46	13.82	24.00	-10.18
High	5320	10.11	11.46	13.85	24.00	-10.15

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	-1.34	-0.58	2.07	11.00	-8.93
Mid	5300	-1.00	-0.25	2.40	11.00	-8.60
High	5320	-1.19	-0.24	2.32	11.00	-8.68



9.4.11. 802.11n HT20 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5260	24.00	-2.40	24.00
Mid	5300	23.96	-2.40	24.00
High	5320	23.64	-2.40	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	5260	10.00	11.09	13.59	24.00	-10.41
Mid	5300	10.23	11.49	13.92	24.00	-10.08
High	5320	9.79	11.02	13.46	24.00	-10.54

9.4.12. 802.11n HT40 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5270	46.16	-2.40	24.00
High	5310	46.24	-2.40	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	5270	10.61	11.47	14.07	24.00	-9.93
High	5310	9.87	11.18	13.58	24.00	-10.42

9.4.13. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Mid	5290	93.12	-2.40	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	9.79	11.08	13.49	24.00	-10.51

9.4.14. 802.11ax HE20 MODE IN THE 5.3GHZ BAND

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low (RU0)	5260	20.48	-2.40	0.43	24.00	11.00
Mid (RU4)	5300	18.40	-2.40	0.43	23.65	11.00
High (RU8)	5320	20.28	-2.40	0.43	24.00	11.00

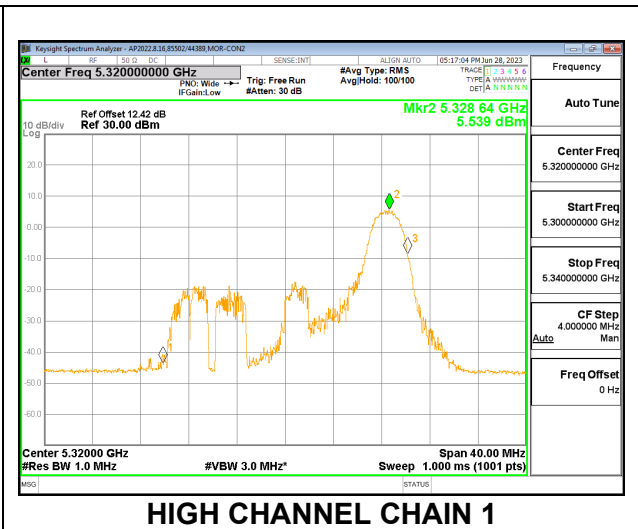
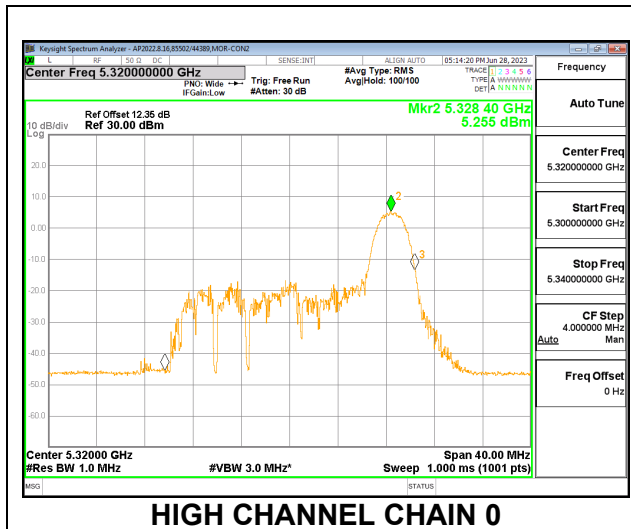
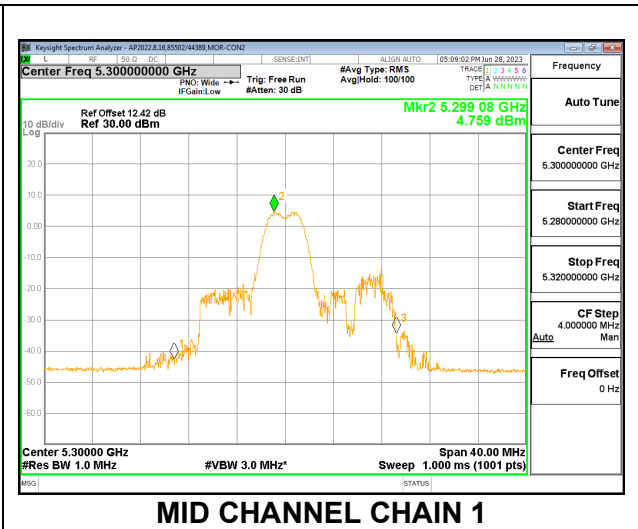
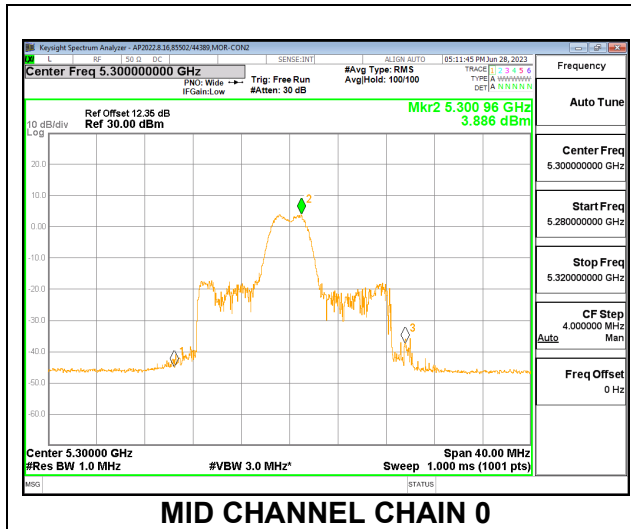
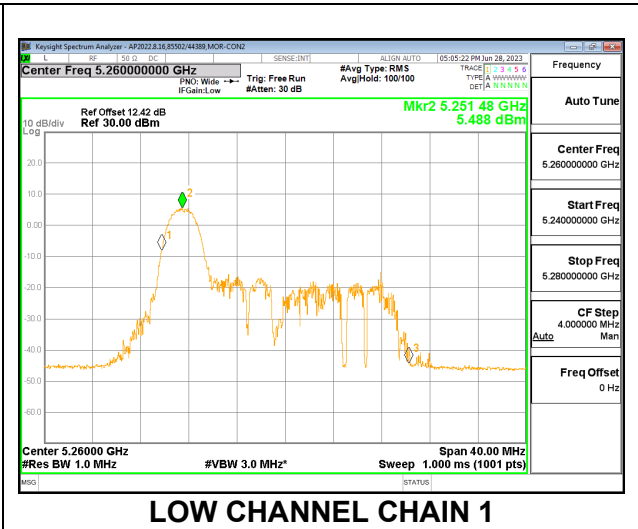
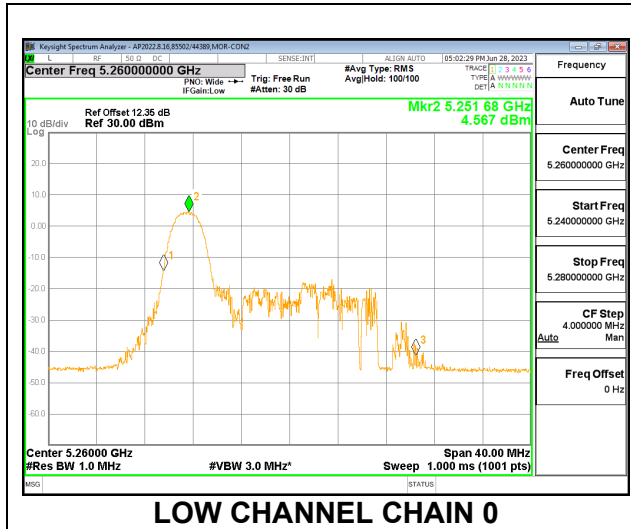
Duty Cycle CF (dB)	0.25	Included in Calculations of Corr'd PSD
---------------------------	------	---

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 (RU0)	5260	7.75	8.73	11.28	24.00	-12.72
Mid (RU4)	5300	7.60	8.86	11.29	23.65	-12.36
High (RU8)	5320	7.71	8.88	11.34	24.00	-12.66

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 (RU0)	5260	4.57	5.49	8.31	11.00	-2.69
Mid (RU4)	5300	3.89	4.76	7.60	11.00	-3.40
High (RU8)	5320	5.26	5.54	8.66	11.00	-2.34



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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low (RU37)	5260	20.36	-2.40	0.43	24.00	11.00
Mid (RU38)	5300	18.80	-2.40	0.43	23.74	11.00
High (RU40)	5320	20.48	-2.40	0.43	24.00	11.00

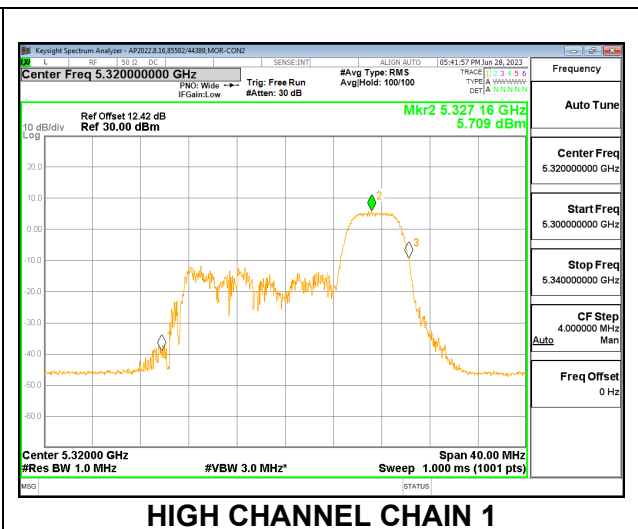
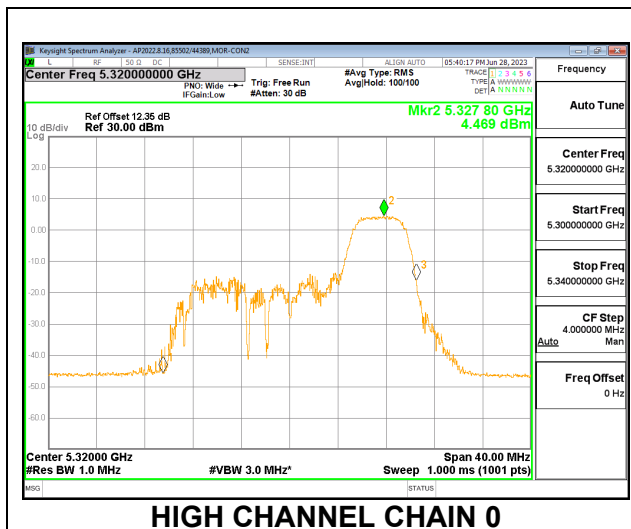
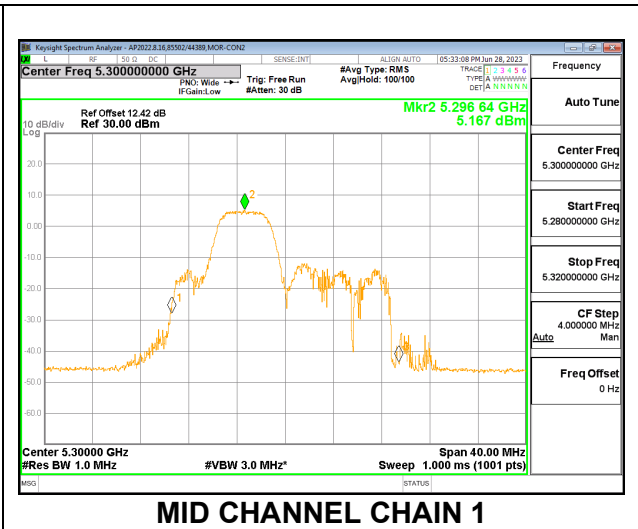
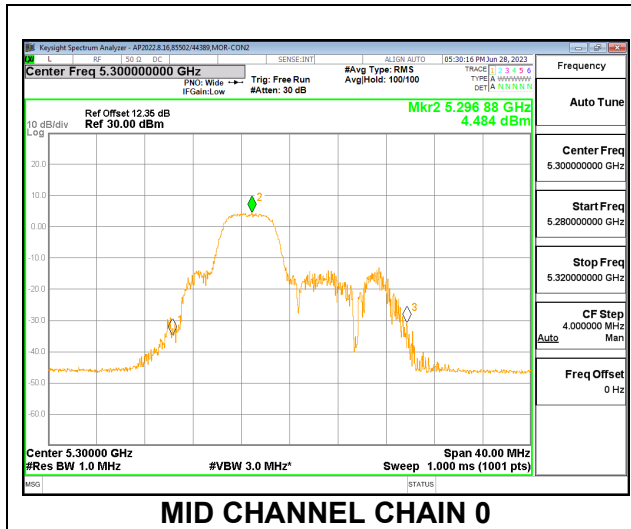
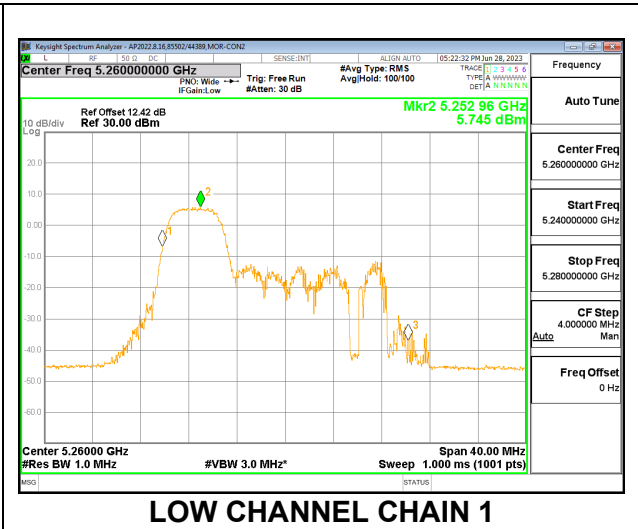
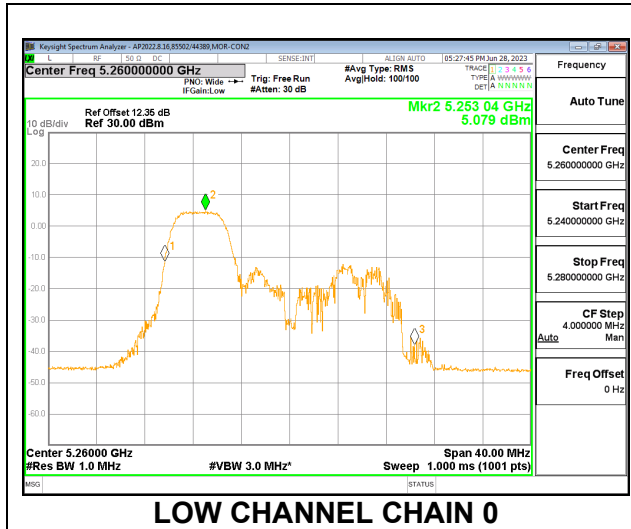
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
---------------------------	------	---

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 (RU37)	5260	9.89	11.23	13.62	24.00	-10.38
Mid (RU38)	5300	9.81	11.16	13.55	23.74	-10.19
High (RU40)	5320	10.11	11.30	13.76	24.00	-10.24

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 (RU37)	5260	5.08	5.75	8.70	11.00	-2.30
Mid (RU38)	5300	4.48	5.17	8.11	11.00	-2.89
High (RU40)	5320	4.47	5.71	8.40	11.00	-2.60



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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU53)	5260	21.68	-2.40	24.00
Mid (RU53)	5300	21.64	-2.40	24.00
High (RU54)	5320	21.20	-2.40	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 (RU53)	5260	10.26	11.46	13.91	24.00	-10.09
Mid (RU53)	5300	9.88	11.28	13.65	24.00	-10.35
High (RU54)	5320	10.08	11.24	13.71	24.00	-10.29

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU61)	5260	23.04	-2.40	24.00
Mid (RU61)	5300	23.16	-2.40	24.00
High (RU61)	5320	23.20	-2.40	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 (RU61)	5260	10.13	11.34	13.79	24.00	-10.21
Mid (RU61)	5300	9.73	11.21	13.54	24.00	-10.46
High (RU61)	5320	9.90	11.12	13.56	24.00	-10.44

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU61)	5260	23.56	-2.40	24.00
Mid (RU61)	5300	23.48	-2.40	24.00
High (RU61)	5320	23.44	-2.40	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 (RU61)	5260	10.24	11.16	13.73	24.00	-10.27
Mid (RU61)	5300	9.76	11.13	13.51	24.00	-10.49
High (RU61)	5320	9.92	11.22	13.63	24.00	-10.37

9.4.15. 802.11ax HE40 MODE IN THE 5.3GHz BAND

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU65)	5270	44.40	-2.40	24.00
High (RU65)	5310	44.40	-2.40	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 (RU65)	5270	10.25	11.24	13.78	24.00	-10.22
High (RU65)	5310	9.84	11.15	13.55	24.00	-10.45

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU65)	5270	45.04	-2.40	24.00
High (RU65)	5310	45.36	-2.40	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 (RU65)	5270	10.00	11.11	13.60	24.00	-10.40
High (RU65)	5310	9.83	11.21	13.58	24.00	-10.42

9.4.16. 802.11ax HE80 MODE IN THE 5.3GHz BAND

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5290	90.40	-2.40	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	5290	10.16	11.26	13.76	24.00	-10.24

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5290	91.20	-2.40	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	5290	10.00	11.12	13.61	24.00	-10.39

9.4.17. 802.11a MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	23.16	-1.48	1.41	24.00	11.00
Mid	5580	23.52	-1.48	1.41	24.00	11.00
High	5700	23.48	-1.48	1.41	24.00	11.00
144	5720	16.52	-1.48	1.41	23.18	11.00

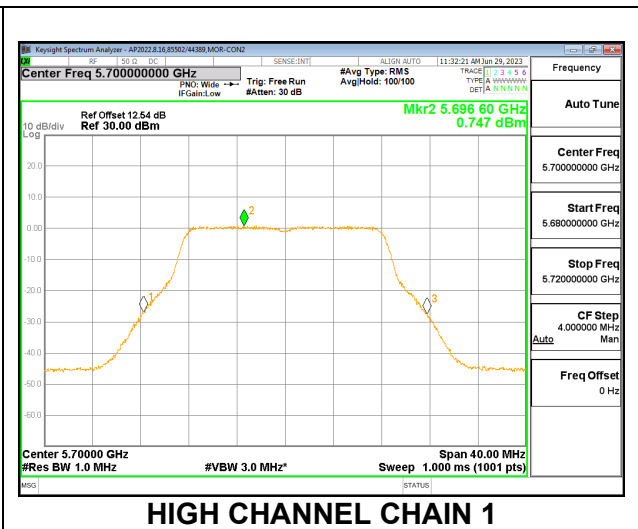
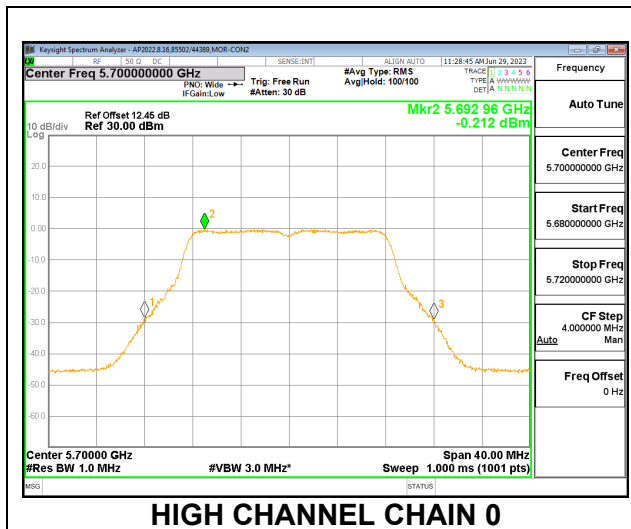
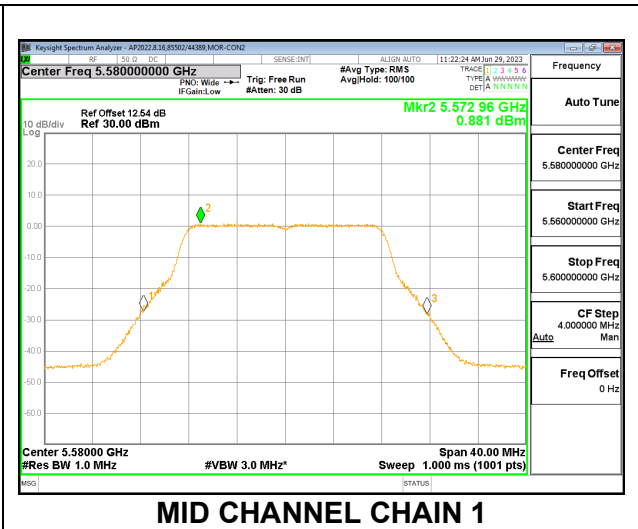
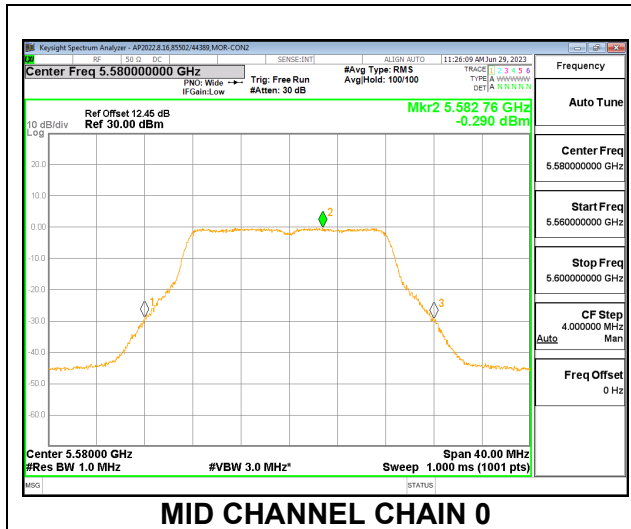
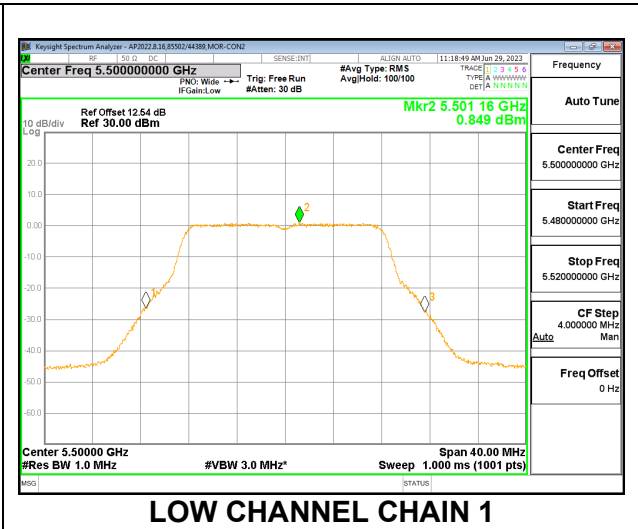
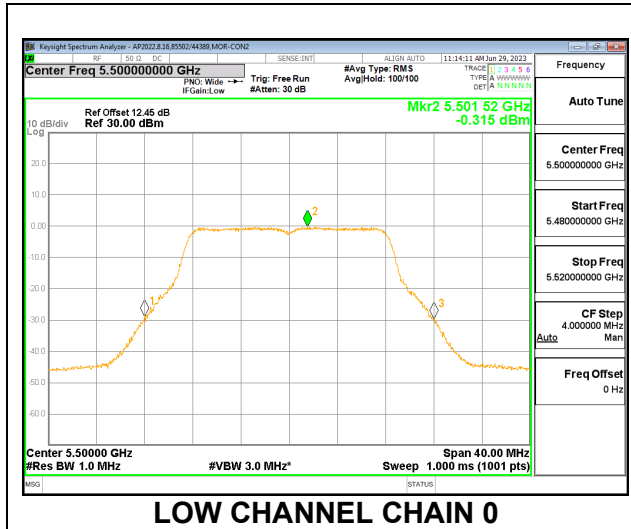
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

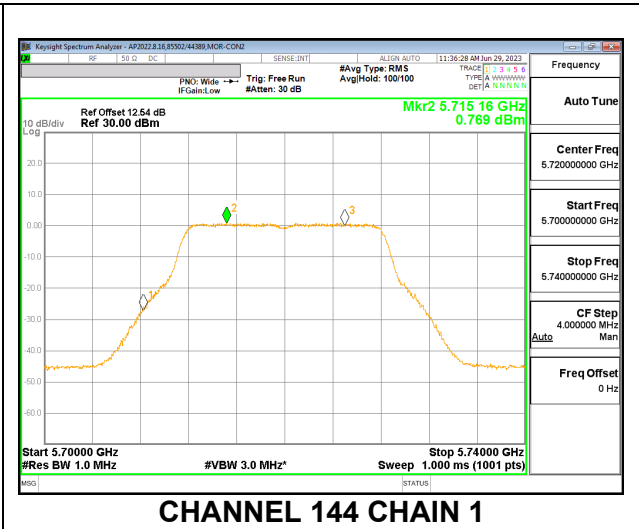
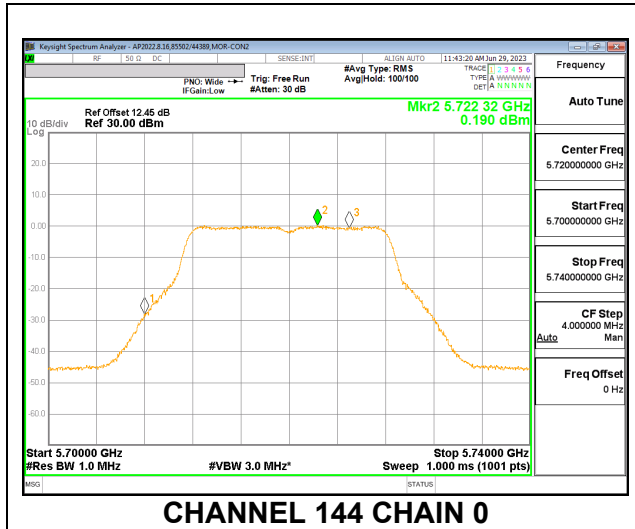
Output Power Results

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	5500	11.10	11.32	14.22	24.00	-9.78
Mid	5580	11.13	11.42	14.29	24.00	-9.71
High	5700	11.24	11.35	14.31	24.00	-9.69
144	5720	11.25	11.34	14.31	23.18	-8.87

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	-0.32	0.85	3.32	11.00	-7.68
Mid	5580	-0.29	0.88	3.35	11.00	-7.65
High	5700	-0.21	0.75	3.30	11.00	-7.70
144	5720	0.19	0.77	3.50	11.00	-7.50





9.4.18. 802.11n HT20 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC)

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5500	23.96	-1.48	24.00
Mid	5580	24.00	-1.48	24.00
High	5700	23.96	-1.48	24.00
144	5720	17.00	-1.48	23.30

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	5500	10.84	11.07	13.97	24.00	-10.03
Mid	5580	11.25	11.47	14.37	24.00	-9.63
High	5700	11.48	11.48	14.49	24.00	-9.51
144	5720	11.11	11.02	14.08	23.30	-9.23

9.4.19. 802.11n HT40 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5510	46.72	-1.48	24.00
Mid	5550	46.64	-1.48	24.00
High	5670	46.72	-1.48	24.00
142	5710	38.52	-1.48	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	11.06	11.43	14.26	24.00	-9.74
Mid	5550	11.20	11.39	14.31	24.00	-9.69
High	5670	10.86	11.27	14.08	24.00	-9.92
142	5710	11.33	11.46	14.41	24.00	-9.59

9.4.20. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5530	93.92	-1.48	24.00
High	5610	94.24	-1.48	24.00
138	5690	81.88	-1.48	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	11.06	11.33	14.21	24.00	-9.79
High	5610	11.25	11.48	14.38	24.00	-9.62
138	5690	11.25	11.11	14.19	24.00	-9.81

9.4.21. 802.11ac VHT160 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Mid	5570	178.24	-1.48	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	10.93	11.14	14.05	24.00	-9.95

9.4.22. 802.11ax HE20 MODE IN THE 5.6GHz BAND

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low (RU0)	5500	20.28	-1.48	1.41	24.00	11.00
Mid (RU4)	5580	18.40	-1.48	1.41	23.65	11.00
High (RU8)	5700	20.24	-1.48	1.41	24.00	11.00
144 (RU0)	5720	16.16	-1.48	1.41	23.08	11.00

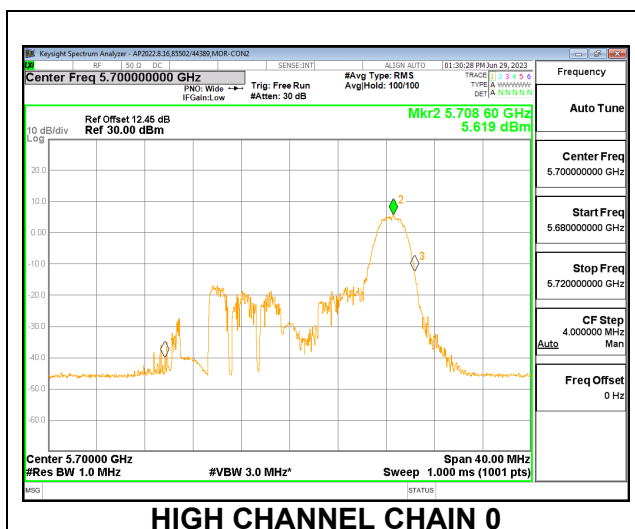
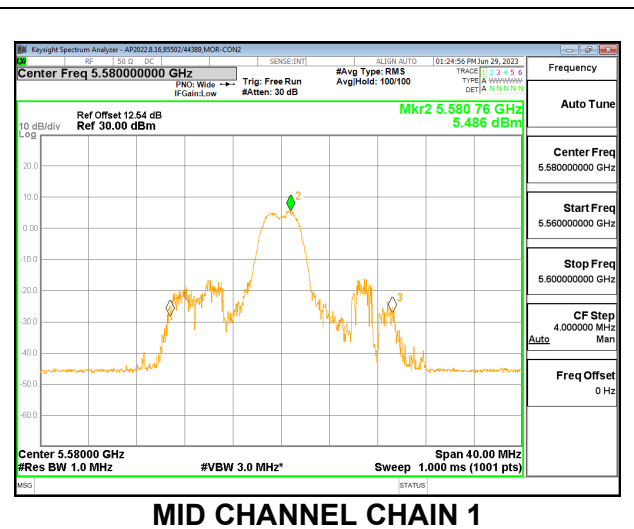
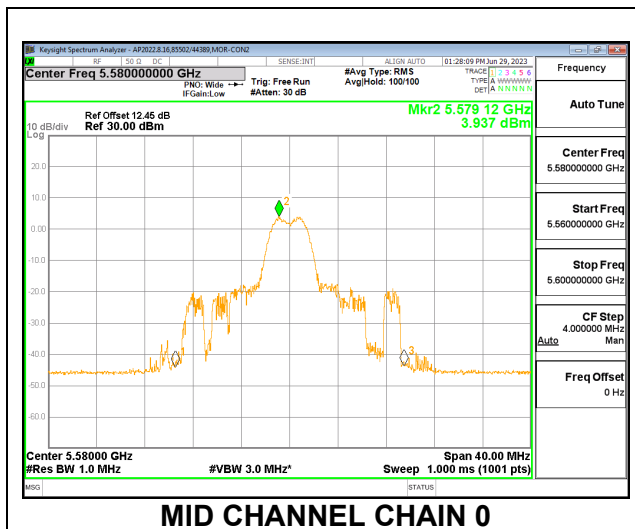
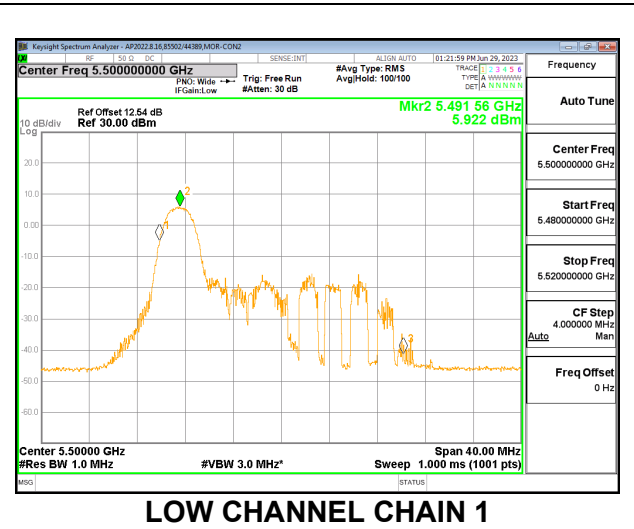
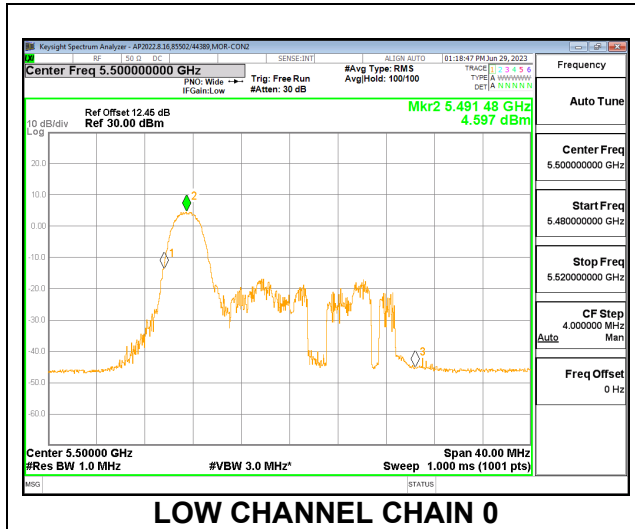
Duty Cycle CF (dB)	0.25	Included in Calculations of Corr'd PSD
---------------------------	------	---

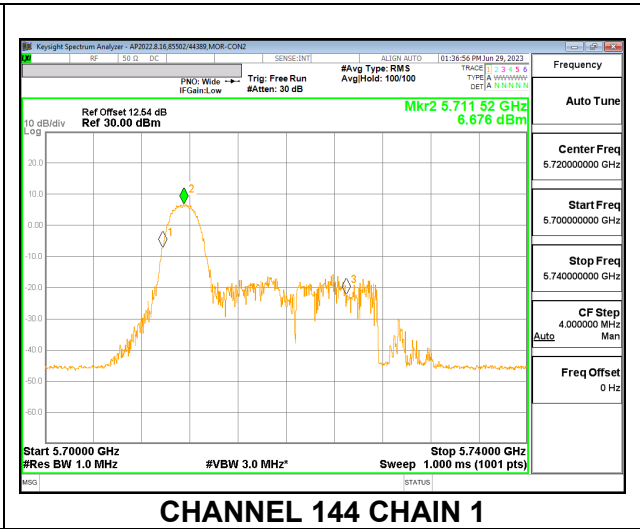
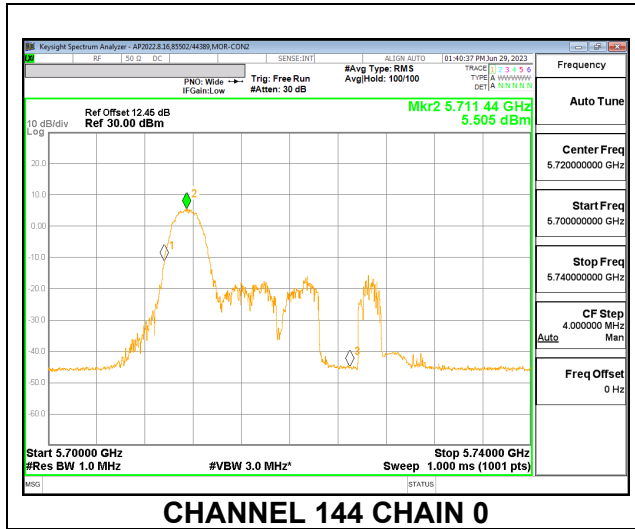
Output Power Results

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 (RU0)	5500	7.37	8.98	11.26	24.00	-12.74
Mid (RU4)	5580	7.29	8.76	11.10	23.65	-12.55
High (RU8)	5700	7.77	8.98	11.43	24.00	-12.57
144 (RU0)	5720	7.76	8.63	11.23	23.08	-11.86

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 (RU0)	5500	4.60	5.92	8.57	11.00	-2.43
Mid (RU4)	5580	3.94	5.49	8.04	11.00	-2.96
High (RU8)	5700	5.62	6.51	9.35	11.00	-1.65
144 (RU0)	5720	5.51	6.68	9.39	11.00	-1.61





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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low (RU37)	5500	20.44	-1.48	1.41	24.00	11.00
Mid (RU38)	5580	18.76	-1.48	1.41	23.73	11.00
High (RU40)	5700	20.48	-1.48	1.41	24.00	11.00
144 (RU37)	5720	16.12	-1.48	1.41	23.07	11.00

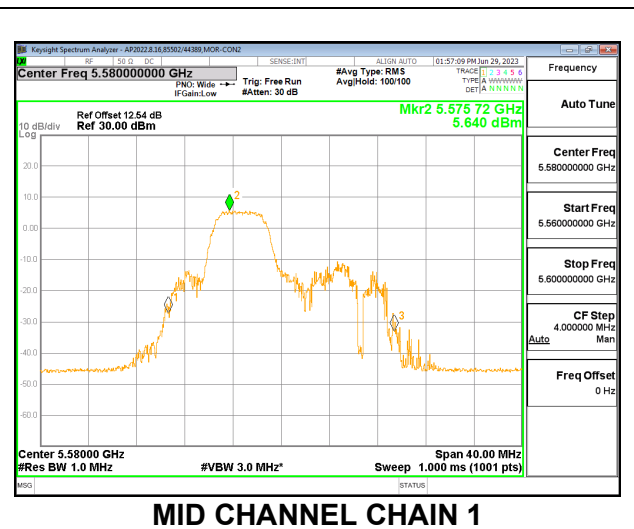
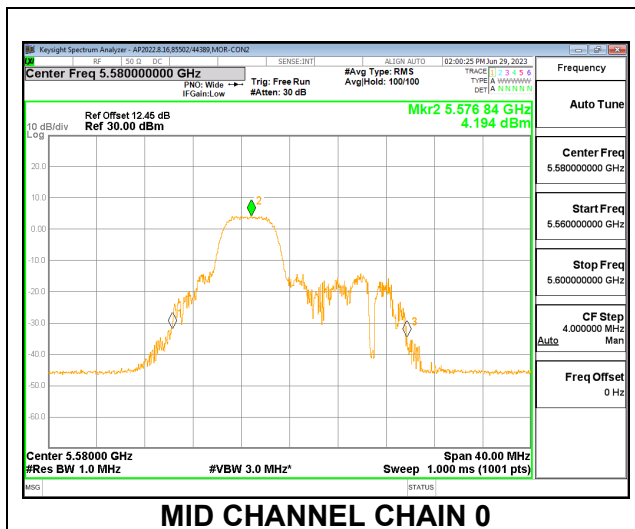
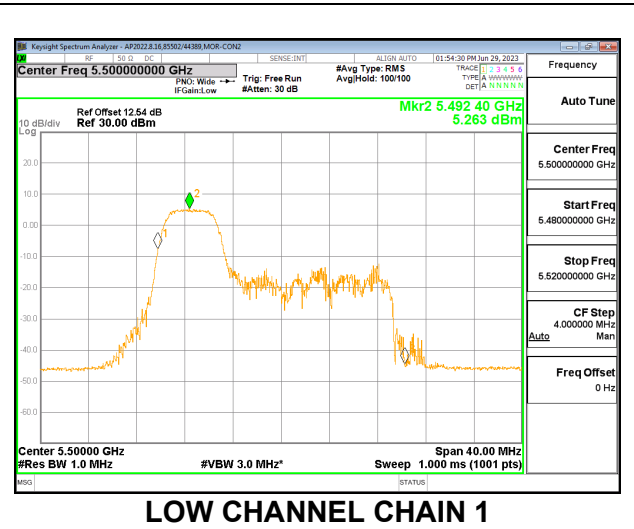
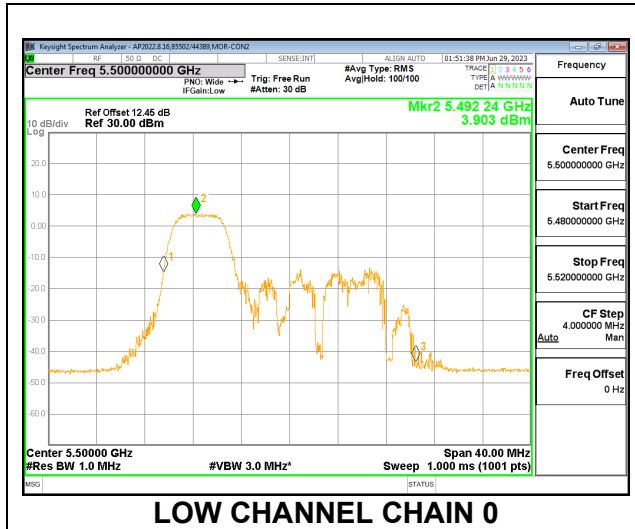
Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd PSD
---------------------------	------	---

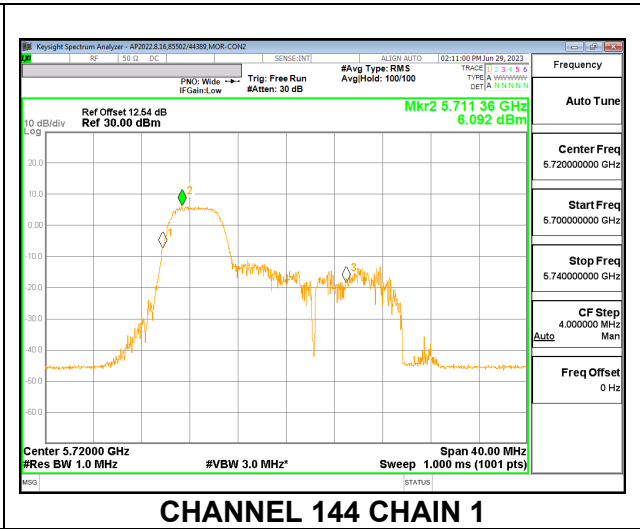
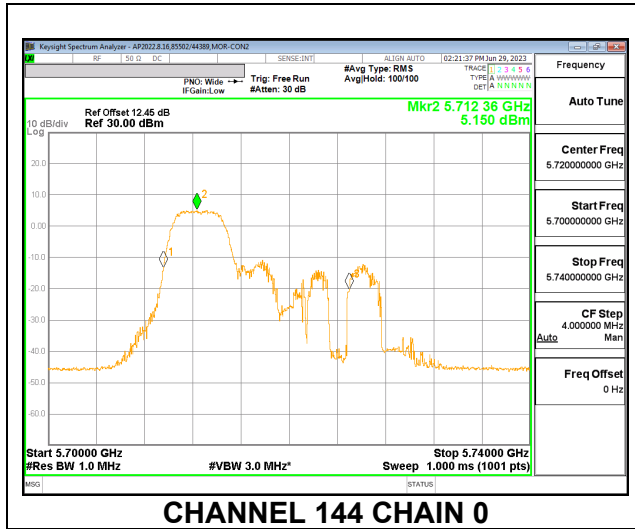
Output Power Results

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 (RU37)	5500	9.26	10.71	13.06	24.00	-10.94
Mid (RU38)	5580	9.33	10.83	13.15	23.73	-10.58
High (RU40)	5700	9.72	10.71	13.25	24.00	-10.75
144 (RU37)	5720	10.10	10.75	13.45	23.07	-9.63

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 (RU37)	5500	3.90	5.26	7.91	11.00	-3.09
Mid (RU38)	5580	4.19	5.64	8.25	11.00	-2.75
High (RU40)	5700	4.41	5.80	8.43	11.00	-2.57
144 (RU37)	5720	5.15	6.09	8.92	11.00	-2.08





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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU53)	5500	21.76	-1.48	24.00
Mid (RU53)	5580	21.76	-1.48	24.00
High (RU54)	5700	21.24	-1.48	24.00
144 (RU53)	5720	16.52	-1.48	23.18

Output Power Results

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 (RU53)	5500	9.11	10.66	12.96	24.00	-11.04
Mid (RU53)	5580	9.43	10.99	13.29	24.00	-10.71
High (RU54)	5700	9.56	10.63	13.14	24.00	-10.86
144 (RU53)	5720	10.00	10.75	13.40	23.18	-9.78

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU61)	5500	23.16	-1.48	24.00
Mid (RU61)	5580	23.24	-1.48	24.00
High (RU61)	5700	23.24	-1.48	24.00
144 (RU61)	5720	16.64	-1.48	23.21

Output Power Results

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 (RU61)	5500	6.49	7.96	10.30	24.00	-13.70
Mid (RU61)	5580	9.27	10.83	13.13	24.00	-10.87
High (RU61)	5700	9.16	9.96	12.59	24.00	-11.41
144 (RU61)	5720	10.44	10.87	13.67	23.21	-9.54

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5500	23.44	-1.48	24.00
Mid	5580	23.20	-1.48	24.00
High	5700	23.36	-1.48	24.00
144	5720	16.80	-1.48	23.25

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	5500	9.90	11.42	13.74	24.00	-10.26
Mid	5580	9.85	11.15	13.56	24.00	-10.44
High	5700	10.03	11.15	13.64	24.00	-10.36
144	5720	10.44	11.02	13.75	23.25	-9.50

9.4.23. 802.11ax HE40 MODE IN THE 5.6GHz BAND

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU65)	5510	44.56	-1.48	24.00
Mid (RU65)	5590	44.48	-1.48	24.00
High (RU65)	5670	44.48	-1.48	24.00
142 (RU65)	5710	37.52	-1.48	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 (RU65)	5510	8.26	9.88	12.16	24.00	-11.84
Mid (RU65)	5590	9.73	11.17	13.52	24.00	-10.48
High (RU65)	5670	10.10	11.02	13.59	24.00	-10.41
142 (RU65)	5710	10.83	11.27	14.07	24.00	-9.93

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5510	44.52	-1.48	24.00
Mid	5590	45.28	-1.48	24.00
High	5670	45.68	-1.48	24.00
142	5710	37.32	-1.48	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	9.74	11.35	13.63	24.00	-10.37
Mid	5590	9.58	11.13	13.43	24.00	-10.57
High	5670	10.08	11.19	13.68	24.00	-10.32
142	5710	10.68	11.17	13.94	24.00	-10.06

9.4.24. 802.11ax HE80 MODE IN THE 5.6GHz BAND

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU67)	5530	88.96	-1.48	24.00
High (RU67)	5610	90.08	-1.48	24.00
138 (RU67)	5690	79.80	-1.48	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 (RU67)	5530	8.65	9.94	12.35	24.00	-11.65
High (RU67)	5610	10.41	11.44	13.97	24.00	-10.03
138 (RU67)	5690	10.50	11.15	13.85	24.00	-10.15

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5530	90.72	-1.48	24.00
High	5610	90.08	-1.48	24.00
138	5690	80.60	-1.48	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	9.70	11.03	13.43	24.00	-10.57
High	5610	10.34	11.46	13.95	24.00	-10.05
138	5690	10.35	11.11	13.76	24.00	-10.24

9.4.25. 802.11ax HE160 MODE IN THE 5.6GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x996T

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Mid (RU68)	5570	179.52	-1.48	24.00

Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid (RU68)	5570	7.25	8.76	11.08	24.00	-12.92

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Mid	5570	176.64	-1.48	24.00

Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.50	11.01	13.33	24.00	-10.67

9.4.26. 802.11a MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/500KHz)
Low	5745	-1.34	1.54	30.00	30.00
Mid	5785	-1.34	1.54	30.00	30.00
High	5825	-1.34	1.54	30.00	30.00
144	5720	-1.34	1.54	30.00	30.00

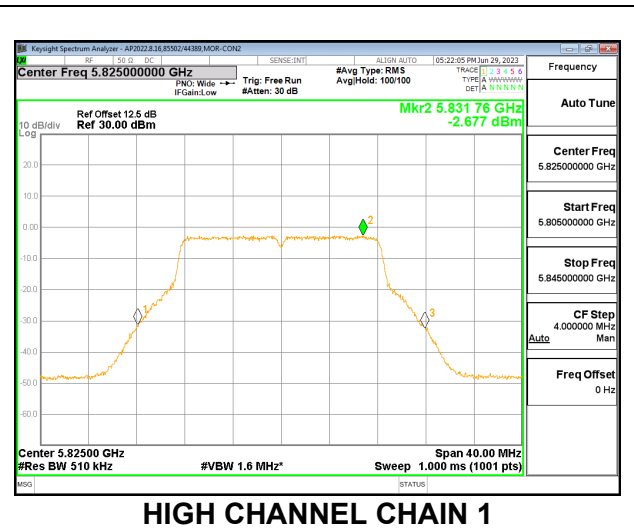
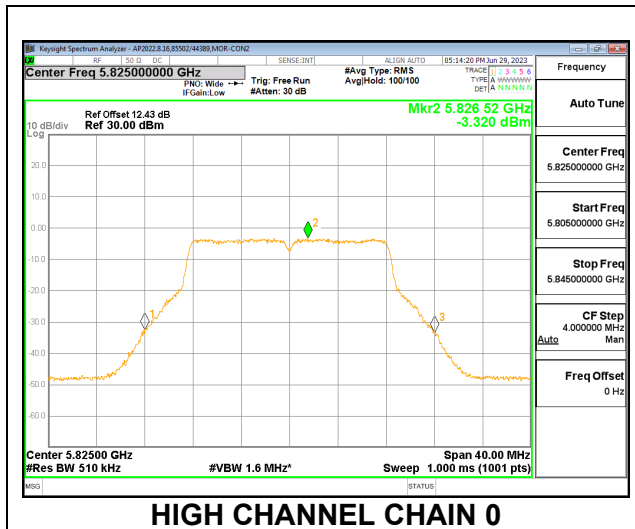
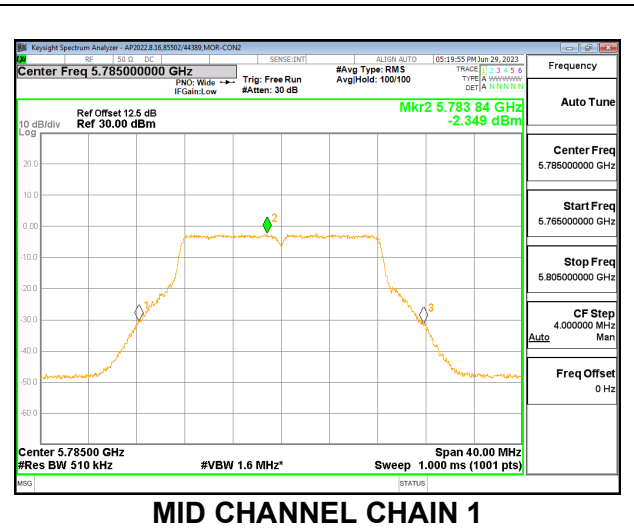
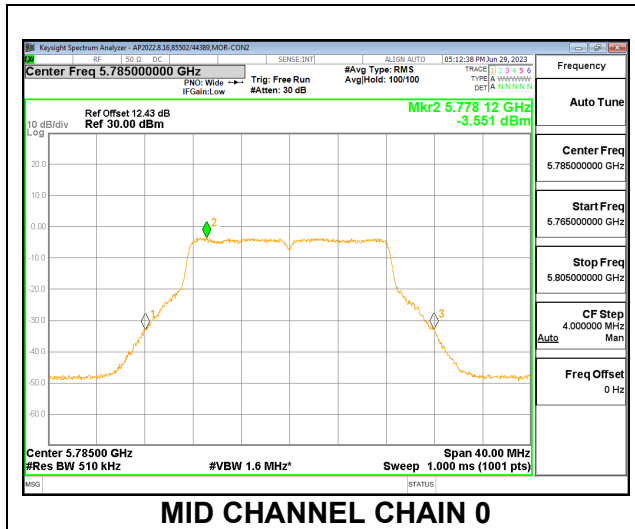
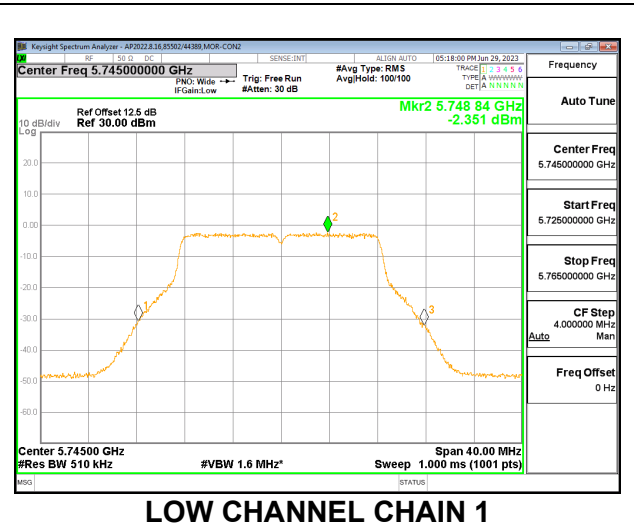
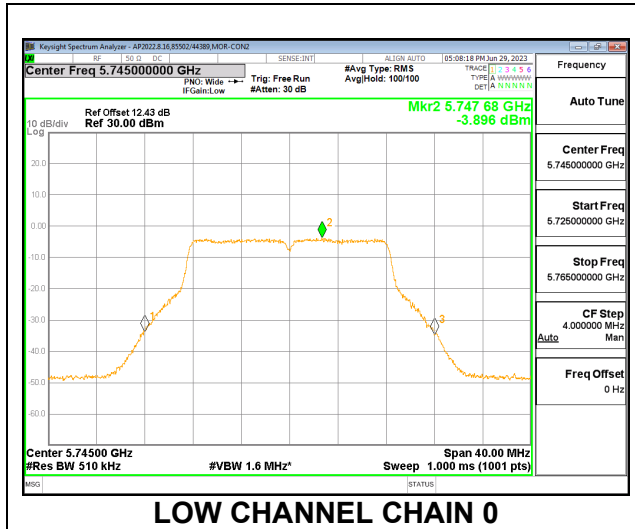
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
---------------------------	------	---

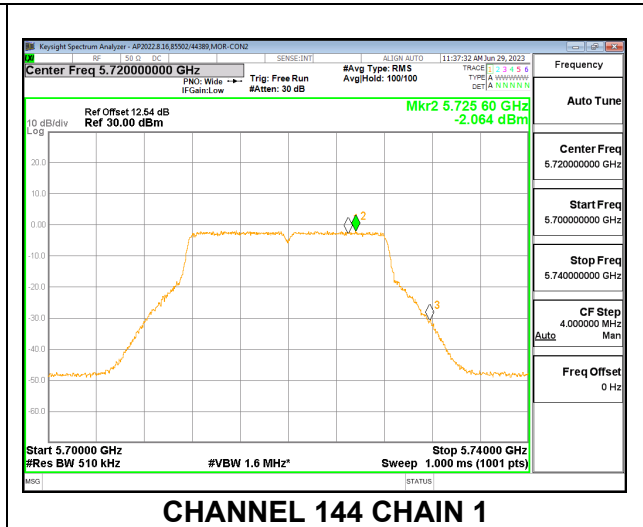
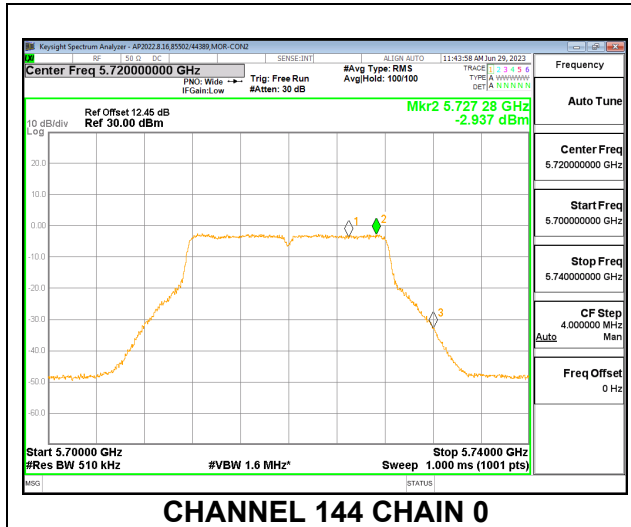
Output Power Results

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	5745	10.33	11.41	13.91	30.00	-16.09
Mid	5785	10.83	11.39	14.13	30.00	-15.87
High	5825	10.84	11.21	14.04	30.00	-15.96
144	5720	11.25	11.34	14.31	30.00	-15.69

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	-3.90	-2.35	-0.04	30.00	-30.04
Mid	5785	-3.55	-2.35	0.10	30.00	-29.90
High	5825	-3.32	-2.68	0.02	30.00	-29.98
144	5720	-2.94	-2.06	0.53	30.00	-29.47





9.4.27. 802.11n HT20 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Power Limit (dBm)
Low	5745	-1.34	30.00
Mid	5785	-1.34	30.00
High	5825	-1.34	30.00
144	5720	-1.34	30.00

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	5745	10.51	11.45	14.02	30.00	-15.98
Mid	5785	10.38	11.09	13.76	30.00	-16.24
High	5825	10.91	11.39	14.17	30.00	-15.83
144	5720	11.11	11.02	14.08	30.00	-15.92

9.4.28. 802.11n HT40 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Power Limit (dBm)
Low	5755	-1.34	30.00
High	5795	-1.34	30.00
142	5710	-1.34	30.00

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	5755	10.55	11.46	14.04	30.00	-15.96
High	5795	10.22	11.11	13.70	30.00	-16.30
142	5710	11.33	11.46	14.41	30.00	-15.59

9.4.29. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Power Limit (dBm)
Mid	5755	-1.34	30.00
138	5690	-1.34	30.00

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	5755	10.52	11.41	14.00	30.00	-16.00
138	5690	11.25	11.11	14.19	30.00	-15.81

9.4.30. 802.11ax HE20 MODE IN THE 5.8GHz BAND

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

Test Engineer:	85502/44389
Test Date:	2023-06-26 - 2023-06-29

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC Power Limit (dBm)	FCC PSD Limit (dBm/500KHz)
Low (RU0)	5745	-1.34	1.54	30.00	30.00
Mid (RU4)	5785	-1.34	1.54	30.00	30.00
High (RU8)	5825	-1.34	1.54	30.00	30.00
144 (RU8)	5720	-1.34	1.54	30.00	30.00

Duty Cycle CF (dB)	0.25	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 (RU0)	5745	7.21	8.74	11.05	30.00	-18.95
Mid (RU4)	5785	7.79	8.84	11.36	30.00	-18.64
High (RU8)	5825	8.13	8.85	11.52	30.00	-18.48
144 (RU8)	5720	7.61	8.70	11.20	30.00	-18.80

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 (RU0)	5745	2.259	3.687	6.292	30.00	-23.71
Mid (RU4)	5785	2.284	3.377	6.125	30.00	-23.87
High (RU8)	5825	2.976	4.036	6.799	30.00	-23.20
144 (RU8)	5720	2.332	2.922	5.897	30.00	-24.10

