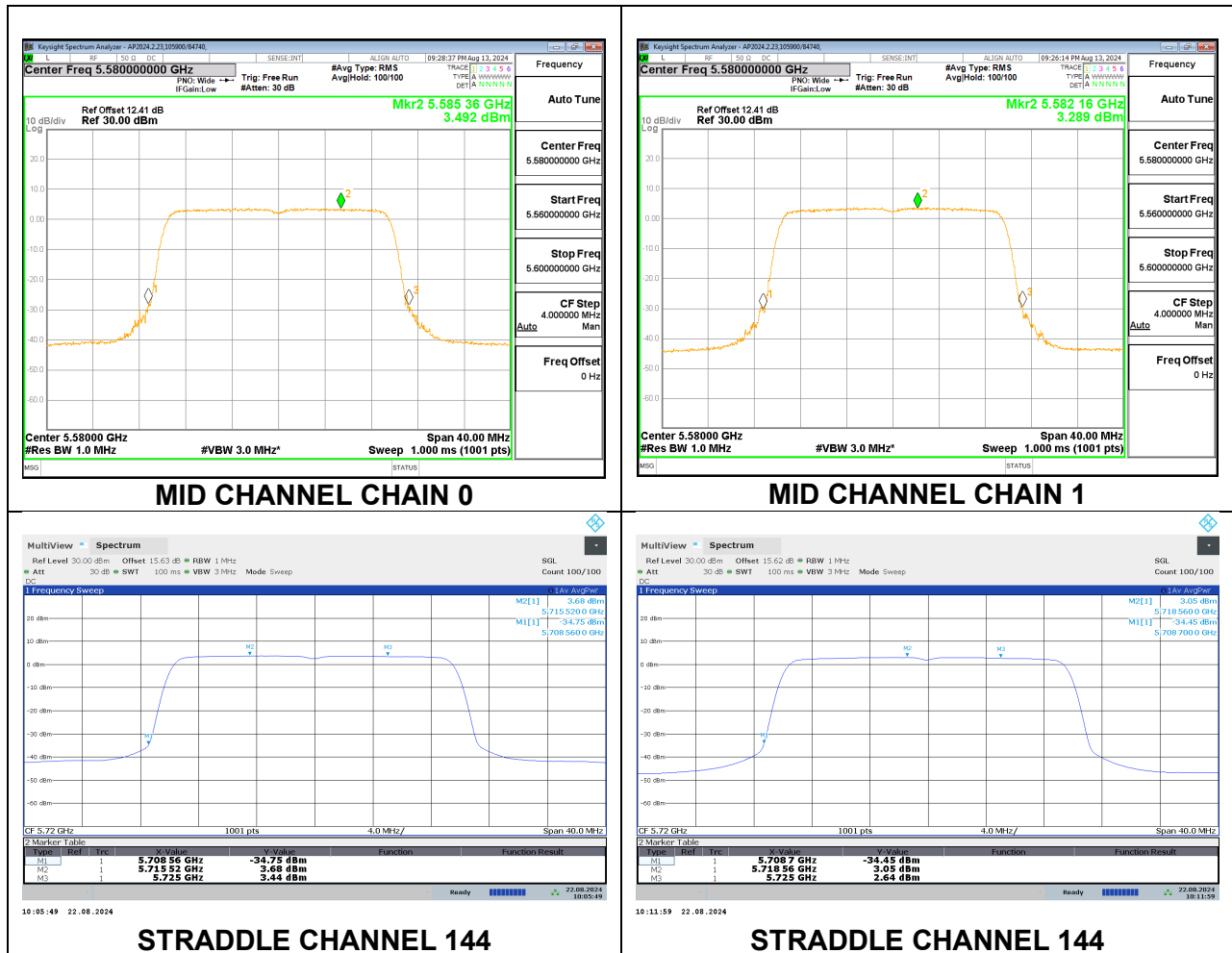




2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T (Mid Gain)

Test Engineer:	105900/84740, 85502, 33499/84740
Test Date:	2024-08-29, 2024-09-04, 2024-09-18

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)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	22.70	23.75	29.75	22.45	6.69	11.00	6.69
Mid	5580	22.70	23.76	29.76	22.46	6.69	11.00	6.69
High	5700	22.70	23.45	29.45	22.15	6.69	11.00	6.69
144	5720	22.70	23.74	29.74	22.44	6.69	11.00	6.69

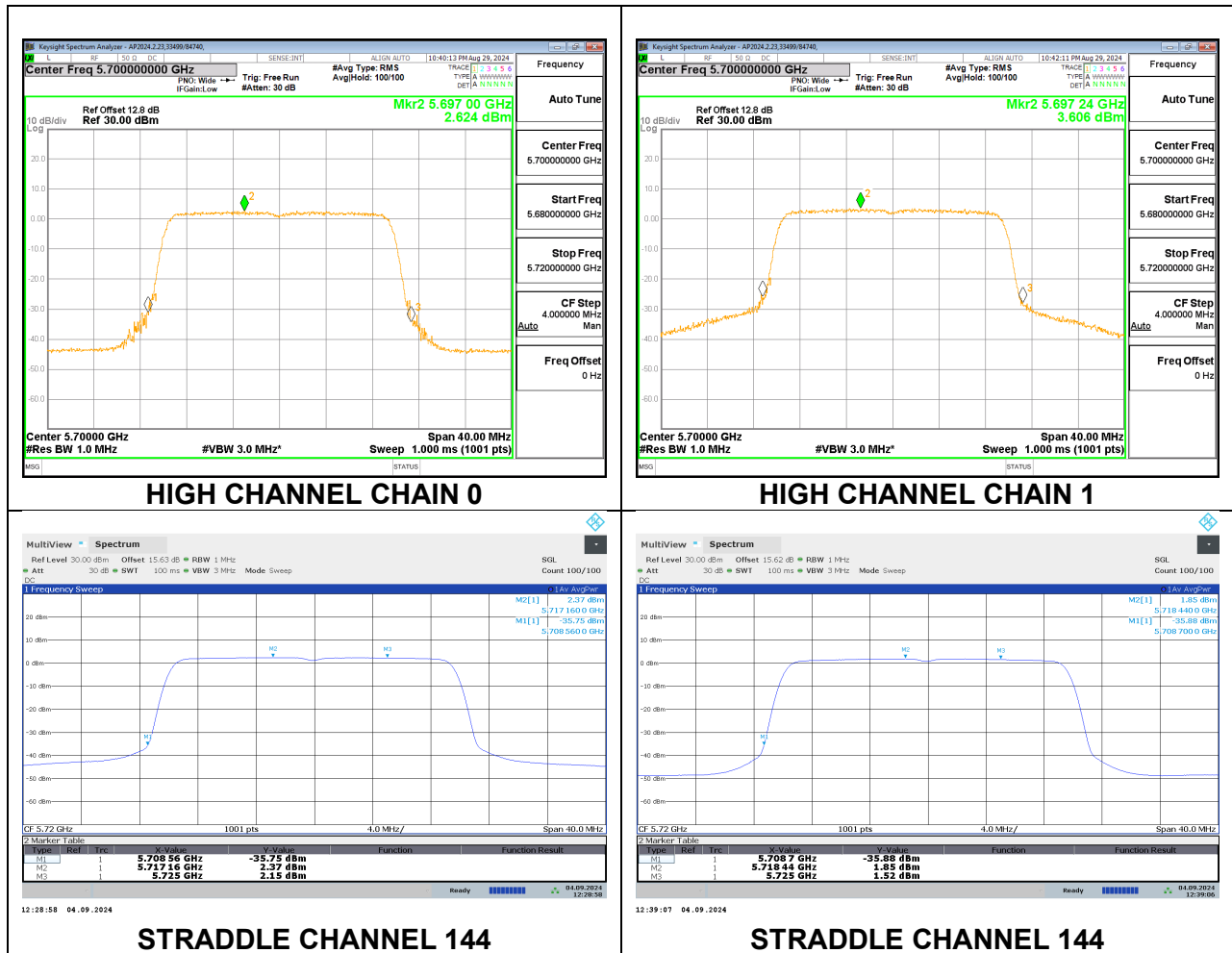
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	15.74	14.84	18.32	22.45	-4.13
Mid	5580	15.35	14.44	17.93	22.46	-4.53
High	5700	14.77	14.69	17.74	22.15	-4.41
144	5720	15.62	15.79	18.72	22.44	-3.73

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	2.854	3.311	6.099	6.69	-0.59
Mid	5580	2.596	3.283	5.963	6.69	-0.73
High	5700	2.624	3.606	6.153	6.69	-0.54
144	5720	2.370	1.850	5.128	6.69	-1.56



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T (High Gain)

Test Engineer:	104412/84740, 85502
Test Date:	2024-07-02, 2024-08-19, 2024-08-22

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	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)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	21.34	23.75	29.75	21.09	5.33	11.00	5.33
Mid	5580	21.34	23.76	29.76	21.10	5.33	11.00	5.33
High	5700	21.34	23.45	29.45	20.79	5.33	11.00	5.33
144	5720	21.34	23.74	29.74	21.08	5.33	11.00	5.33

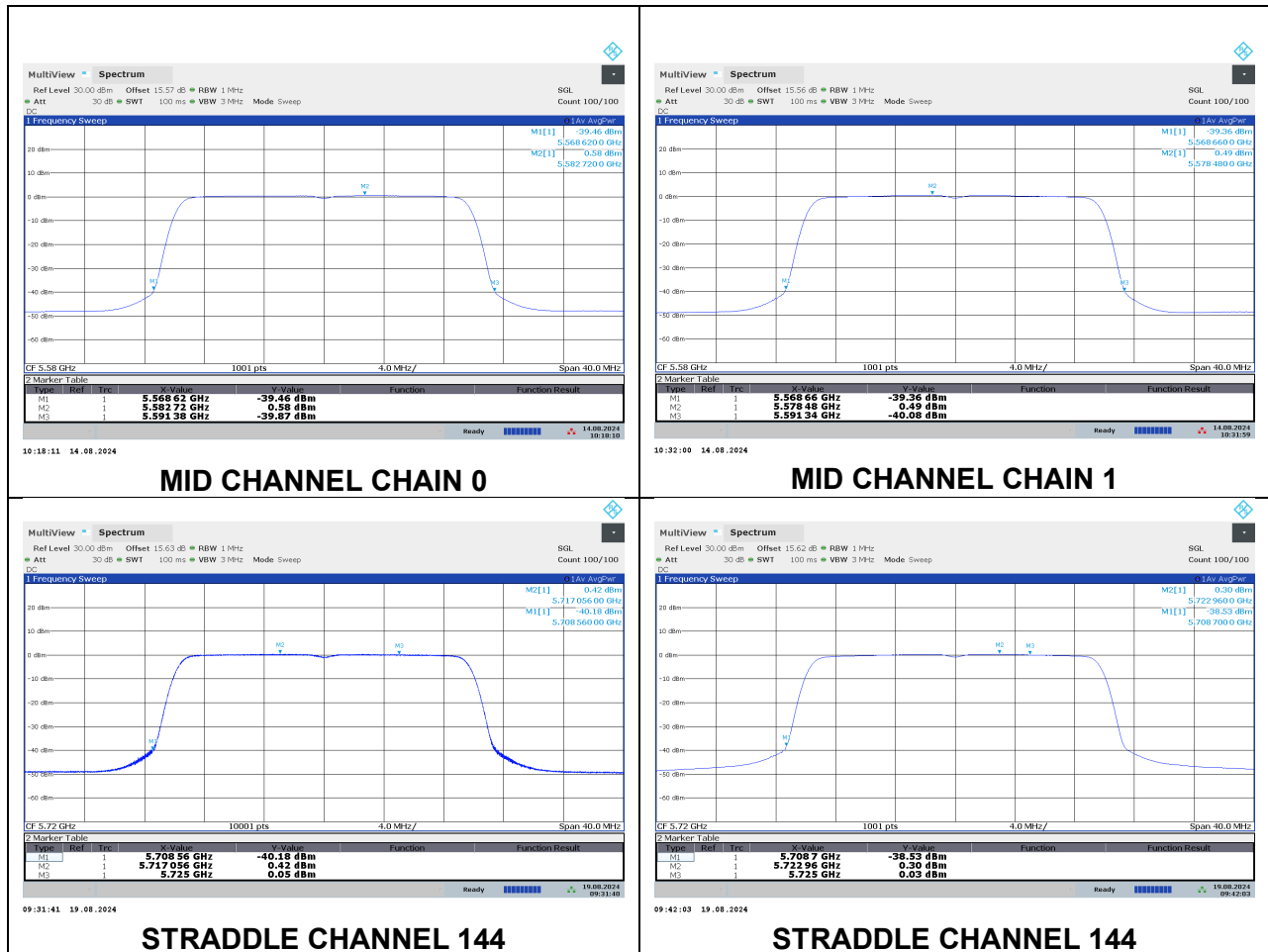
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	5500	13.84	13.78	16.82	21.09	-4.27
Mid	5580	14.16	13.58	16.89	21.10	-4.21
High	5700	13.84	13.51	16.69	20.79	-4.10
144	5720	13.67	13.72	16.71	21.08	-4.38

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	0.270	0.350	3.320	5.33	-2.01
Mid	5580	0.580	0.490	3.546	5.33	-1.78
High	5700	0.250	0.070	3.171	5.33	-2.16
144	5720	0.420	0.300	3.371	5.33	-1.96



9.5.23. 802.11be EHT40 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T (Low Gain)

Test Engineer:	104412/84740, 85502
Test Date:	2024-07-03, 2024-08-13, 2024-09-05, 2024-09-26

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
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)	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

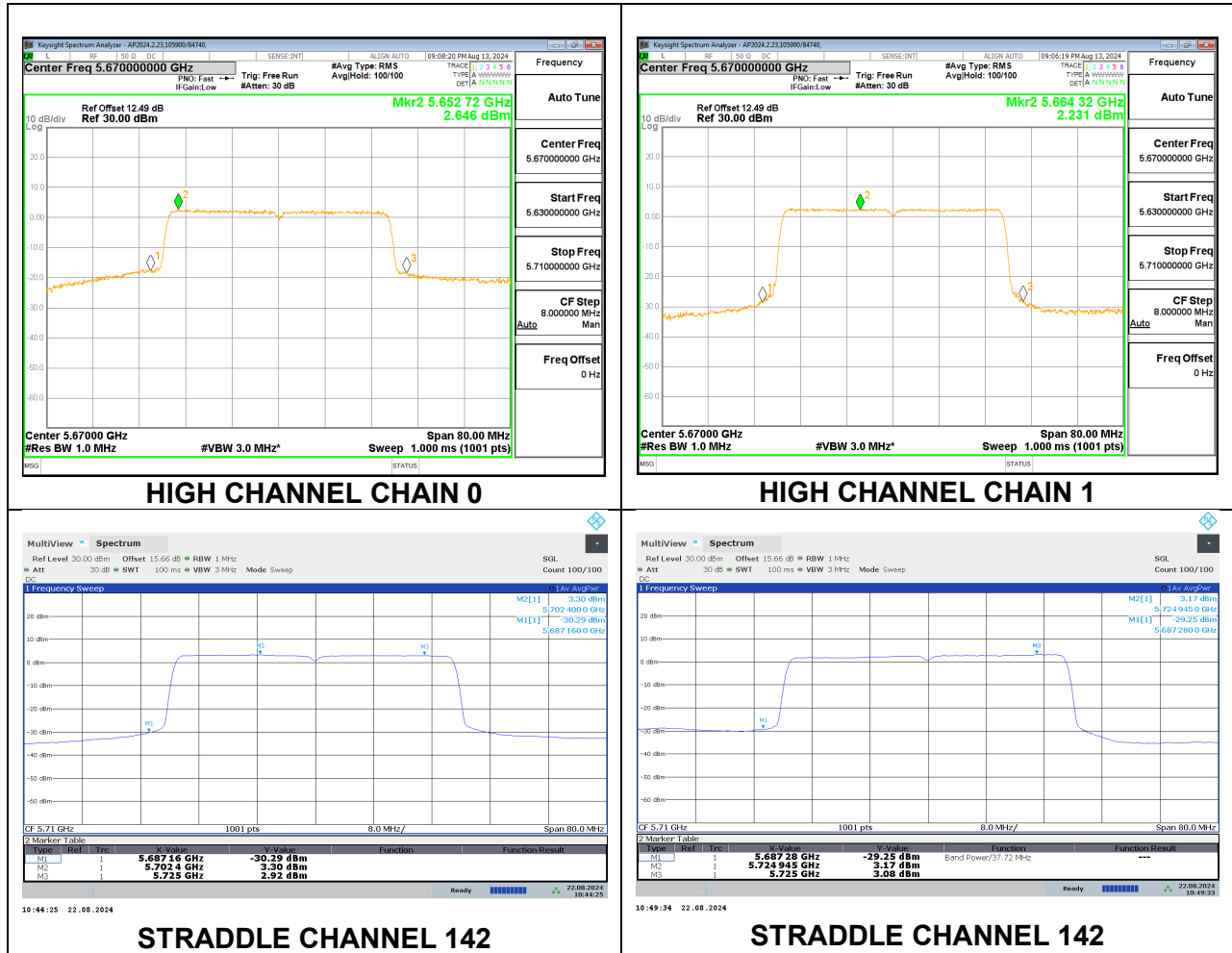
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	14.57	14.19	17.39	24.00	-6.61
Mid	5550	18.17	17.72	20.96	24.00	-3.04
High	5670	17.01	17.07	20.05	24.00	-3.95
142	5710	14.98	15.32	18.16	24.00	-5.84

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	3.063	1.680	5.44	8.79	-3.35
Mid	5550	1.857	0.797	4.37	8.79	-4.42
High	5670	2.646	2.231	5.45	8.79	-3.34
142	5710	3.300	3.170	6.25	8.79	-2.54



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T (Mid Gain)

Test Engineer:	105900/84740, 85502, 33499/84740
Test Date:	2024-08-29, 2024-09-04, 2024-09-18

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
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)	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

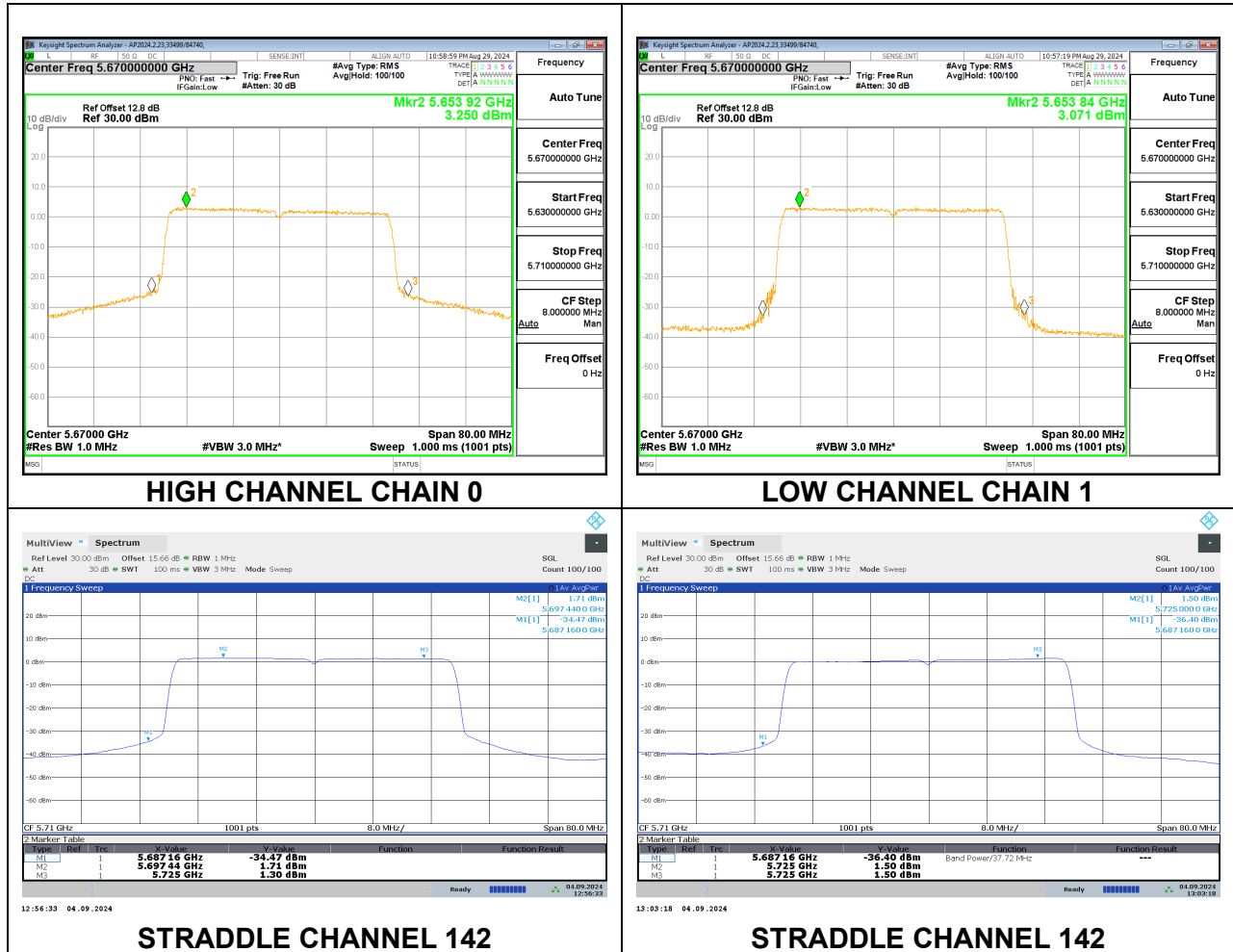
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	13.38	12.48	15.96	22.70	-6.74
Mid	5550	16.02	15.58	18.82	22.70	-3.88
Mid	5630	16.4	15.56	19.01	22.70	-3.69
High	5670	16.06	15.34	18.73	22.70	-3.97
142	5710	15.02	15.32	18.18	22.70	-4.52

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	2.758	2.936	5.86	6.69	-0.83
Mid	5550	2.757	3.258	6.03	6.69	-0.66
High	5670	3.250	3.071	6.17	6.69	-0.52
142	5710	1.710	1.500	4.62	6.69	-2.07



PSD was performed at Mid Channel power setting at lowest, middle, highest and straddle channel. Therefore 5630 MHz, didn't require additional PSD measurements.

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T (High Gain)

Test Engineer:	85502,104463/85502, 33499/84740
Test Date:	2024-08-14, 2024-08-19, 2024-08-22, 2024-09-06

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	5630	44.08	37.808	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	5630	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

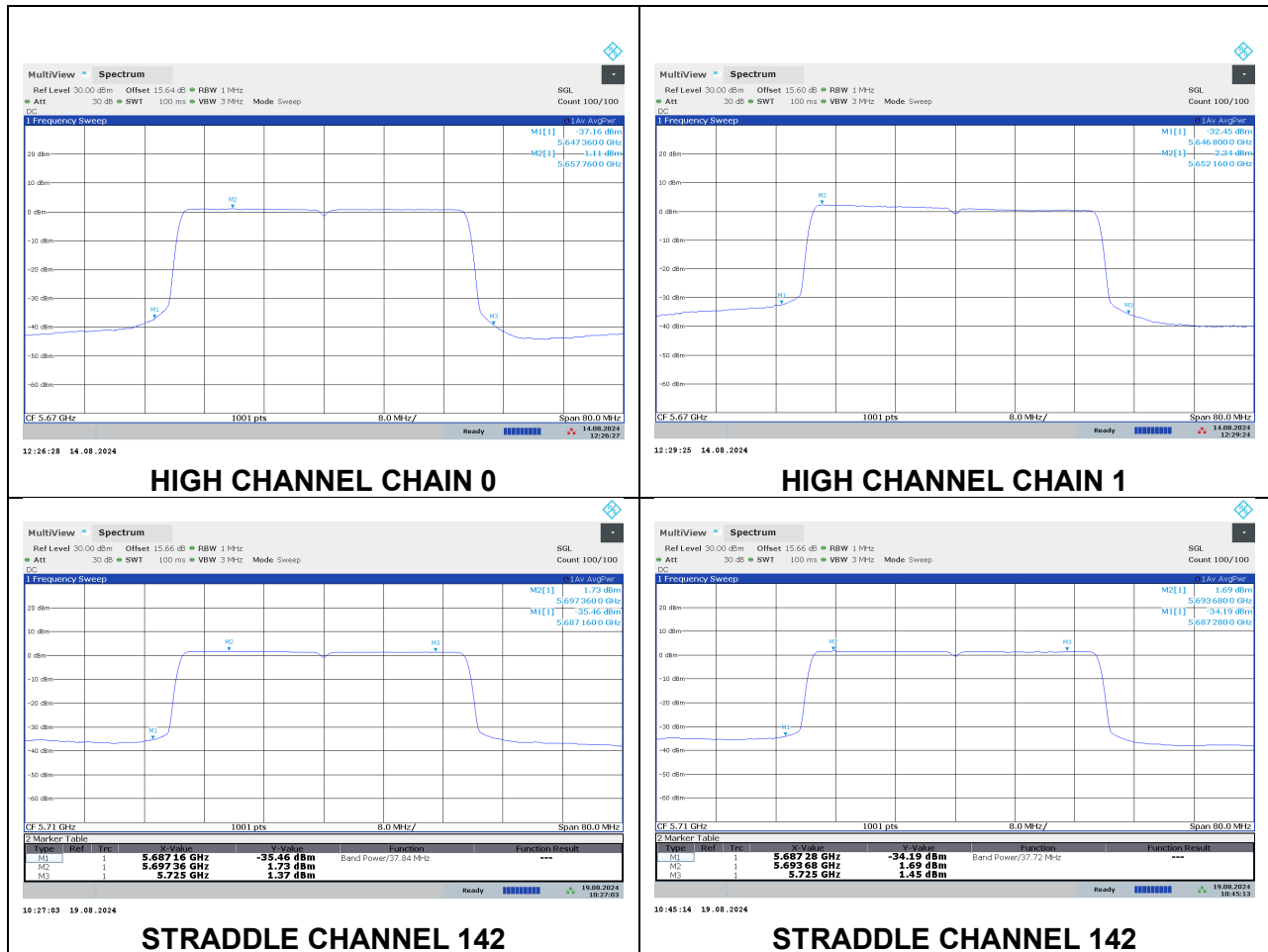
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	12.28	12.35	15.33	21.34	-6.01
Mid	5550	14.50	14.07	17.30	21.34	-4.04
Mid	5590	14.51	13.97	17.26	21.34	-4.08
High	5630	14.60	14.00	17.32	21.34	-4.02
High	5670	14.45	13.84	17.17	21.34	-4.17
142	5710	14.40	13.74	17.09	21.34	-4.25

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	5510	1.38	1.47	4.44	5.33	-0.89
Mid	5550	1.15	1.93	4.57	5.33	-0.76
High	5670	1.11	2.34	4.78	5.33	-0.55
142	5710	1.73	1.69	4.72	5.33	-0.61



PSD was performed at Mid Channel power setting at lowest, middle, highest and straddle channel. Therefore 5590MHz and 5630 MHz, didn't require additional PSD measurements.

9.5.24. 802.11be EHT80 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-05, 2024-09-26

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	8.87	8.53	11.71	24.00	-12.29
High	5610	16.56	16.42	19.50	24.00	-4.50
138	5690	17.98	18.20	21.10	24.00	-2.90

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18, 2024-09-19

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	8.92	7.77	11.39	22.70	-11.31
High	5610	16.16	15.50	18.85	22.70	-3.85
138	5690	15.83	15.15	18.51	22.70	-4.19

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	7.39	6.27	9.88	21.34	-11.46
High	5610	14.20	14.03	17.13	21.34	-4.21
138	5690	14.01	14.04	17.04	21.34	-4.30

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU LOW MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-05, 2024-09-26

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	14.52	14.21	17.38	24.00	-6.62
High	5610	16.64	16.23	19.45	24.00	-4.55
138	5690	16.96	16.21	19.61	24.00	-4.39

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU LOW MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18, 2024-09-19

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	13.44	12.60	16.05	22.70	-6.65
High	5610	16.49	15.56	19.06	22.70	-3.64
138	5690	16.09	15.25	18.70	22.70	-4.00

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU LOW MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06, 2024-09-19

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	11.62	12.10	14.88	21.34	-6.46
High	5610	14.58	13.16	16.94	21.34	-4.40
138	5690	14.64	13.24	17.01	21.34	-4.33

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x8
MODE (Low Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-05, 2024-09-26

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	14.09	13.85	16.98	24.00	-7.02
High	5610	16.16	15.73	18.96	24.00	-5.04
138	5690	16.97	16.96	19.98	24.00	-4.02

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x8 MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18,2024-09-19

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	13.04	11.94	15.54	22.70	-7.16
High	5610	16.09	14.91	18.55	22.70	-4.15
138	5690	15.59	14.76	18.21	22.70	-4.49

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x8
MODE (High Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-06, 2024-09-19

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	11.35	11.64	14.51	21.34	-6.83
High	5610	14.06	12.56	16.38	21.34	-4.96
138	5690	13.86	12.30	16.16	21.34	-5.18

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU HIGH MODE (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)
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	14.49	14.26	17.39	24.00	-6.61
High	5610	16.68	16.21	19.46	24.00	-4.54
138	5690	16.79	16.67	19.74	24.00	-4.26

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU HIGH MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18, 2024-09-19

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	13.44	12.60	16.05	22.70	-6.65
High	5610	16.49	15.56	19.06	22.70	-3.64
138	5690	16.07	15.27	18.70	22.70	-4.00

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) MRU HIGH MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06, 2024-09-19

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	11.62	12.10	14.88	21.34	-6.46
High	5610	14.58	13.16	16.94	21.34	-4.40
138	5690	14.46	12.98	16.79	21.34	-4.55

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x1 MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-05, 2024-09-26

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	14.14	13.83	17.00	24.00	-7.00
High	5610	16.34	15.95	19.16	24.00	-4.84
138	5690	16.73	16.68	19.72	24.00	-4.28

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x1 MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18, 2024-09-19

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	13.04	11.94	15.54	22.70	-7.16
High	5610	16.09	14.91	18.55	22.70	-4.15
138	5690	15.55	14.71	18.16	22.70	-4.54

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T + 242T (C) PUNCTURED 0x1 MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06, 2024-09-19

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	11.35	11.64	14.51	21.34	-6.83
High	5610	14.06	12.56	16.38	21.34	-4.96
138	5690	13.86	12.27	16.15	21.34	-5.19

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) MRU MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-05, 2024-09-26

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	14.45	14.28	17.38	24.00	-6.62
High	5610	16.55	16.14	19.36	24.00	-4.64
138	5690	16.79	16.64	19.73	24.00	-4.27

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18, 2024-09-19

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	13.48	12.48	16.02	22.70	-6.68
High	5610	16.49	15.57	19.06	22.70	-3.64
138	5690	16.05	15.23	18.67	22.70	-4.03

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06, 2024-09-19

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	11.66	12.07	14.88	21.34	-6.46
High	5610	14.60	13.15	16.95	21.34	-4.39
138	5690	14.48	12.89	16.77	21.34	-4.57

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) PUNCTURED 0x2
MODE (Low Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-05, 2024-09-26

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	14.12	13.68	16.92	24.00	-7.08
High	5610	16.18	15.77	18.99	24.00	-5.01
138	5690	16.71	16.51	19.62	24.00	-4.38

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) PUNCTURED 0x2
MODE (Mid Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-18, 2024-09-19

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	12.96	11.93	15.49	22.70	-7.21
High	5610	16.06	15.01	18.58	22.70	-4.12
138	5690	15.49	14.78	18.16	22.70	-4.54

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T (N) PUNCTURED 0x2
MODE (High Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-06, 2024-09-19

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	11.24	11.58	14.42	21.34	-6.92
High	5610	14.15	12.66	16.48	21.34	-4.86
138	5690	13.10	12.27	15.72	21.34	-5.62

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-05, 2024-09-26

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	14.60	14.30	17.46	24.00	-6.54
High	5610	16.60	16.20	19.41	24.00	-4.59
138	5690	16.74	16.57	19.67	24.00	-4.33

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18, 2024-09-19

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	13.44	12.55	16.03	22.70	-6.67
High	5610	16.53	15.57	19.09	22.70	-3.61
138	5690	16.03	15.31	18.70	22.70	-4.00

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06, 2024-09-19

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	11.66	12.10	14.90	21.34	-6.44
High	5610	14.61	13.22	16.98	21.34	-4.36
138	5690	14.44	12.96	16.77	21.34	-4.57

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4
MODE (Low Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-05, 2024-09-26

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	14.13	13.67	16.92	24.00	-7.08
High	5610	16.10	15.69	18.91	24.00	-5.09
138	5690	16.81	16.71	19.77	24.00	-4.23

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4
MODE (Mid Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-18, 2024-09-19

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	12.96	11.90	15.47	22.70	-7.23
High	5610	15.98	14.89	18.48	22.70	-4.22
138	5690	15.53	14.72	18.15	22.70	-4.55

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4
MODE (High Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-06, 2024-09-19

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	11.58	14.44	21.34	-6.90
High	5610	14.11	12.71	16.48	21.34	-4.86
138	5690	13.82	12.24	16.11	21.34	-5.23

9.5.25. 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:	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)
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	8.70	8.61	11.67	24.00	-12.33
MRU High	5570	8.75	8.47	11.62	24.00	-12.38

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.92	7.77	11.39	22.70	-11.31
MRU High	5570	8.99	7.84	11.46	22.70	-11.24

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	7.27	6.78	10.04	21.34	-11.30
MRU High	5570	7.12	6.74	9.94	21.34	-11.40

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) PUNCTURED
MODE (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)
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	8.56	8.14	11.37	24.00	-12.63
0x03	5570	8.30	7.96	11.14	24.00	-12.86

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) PUNCTURED
MODE (Mid Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.50	7.14	10.88	22.70	-11.82
0x03	5570	8.43	7.04	10.80	22.70	-11.90

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) PUNCTURED
MODE (High Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	6.81	6.36	9.60	21.34	-11.74
0x03	5570	6.69	6.24	9.48	21.34	-11.86

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) MRU MODE (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	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	8.79	8.57	11.69	24.00	-12.31

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.84	7.80	11.36	22.70	-11.34

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	7.21	6.80	10.02	21.34	-11.32

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) PUNCTURED 0x0C
MODE (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	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	8.34	7.92	11.15	24.00	-12.85

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) PUNCTURED 0x0C
MODE (Mid Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.33	7.08	10.76	22.70	-11.94

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) PUNCTURED 0x0C
MODE (High Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	6.76	6.25	9.52	21.34	-11.82

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) MRU MODE (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	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	8.77	8.57	11.68	24.00	-12.32

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.92	7.90	11.45	22.70	-11.25

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	7.29	6.78	10.05	21.34	-11.29

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) PUNCTURED 0x30
MODE (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	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	8.46	8.16	11.32	24.00	-12.68

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) PUNCTURED 0x30
MODE (Mid Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.47	7.25	10.91	22.70	-11.79

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) PUNCTURED 0x30
MODE (High Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	6.79	6.17	9.50	21.34	-11.84

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (C) PUNCTURED MODE (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)
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	8.54	7.98	11.28	24.00	-12.72
0x01	5570	8.44	7.99	11.23	24.00	-12.77

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (C) PUNCTURED
MODE (Mid Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.44	7.22	10.88	22.70	-11.82
0x01	5570	8.41	7.17	10.84	22.70	-11.86

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (C) PUNCTURED MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	6.87	6.41	9.66	21.34	-11.68
0x01	5570	6.74	6.33	9.55	21.34	-11.79

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T+996T (N) PUNCTURE
0x02 MODE (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	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	8.54	8.09	11.33	24.00	-12.67

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T+996T (N) PUNCTURE
0x02 MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.41	7.18	10.85	22.70	-11.85

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T+996T (N) PUNCTURE
0x02 MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	6.73	6.33	9.54	21.34	-11.80

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+242T+996T (N) PUNCTURED MODE (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)
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	8.48	8.00	11.26	24.00	-12.74
0x08	5570	8.41	8.09	11.26	24.00	-12.74

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+242T+996T (N) PUNCTURED
MODE (Mid Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.38	7.21	10.84	22.70	-11.86
0x08	5570	8.39	7.19	10.84	22.70	-11.86

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+242T+996T (N) PUNCTURED MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	6.73	6.21	9.49	21.34	-11.85
0x08	5570	6.86	6.25	9.58	21.34	-11.76

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+242T+484T (N) PUNCTURED MODE (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)
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	8.41	8.14	11.29	24.00	-12.71
0x20	5570	8.41	8.11	11.27	24.00	-12.73

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+242T+484T (N) PUNCTURED MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.49	7.27	10.93	22.70	-11.77
0x20	5570	8.48	7.29	10.94	22.70	-11.76

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+242T+484T (N) PUNCTURED MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	6.71	6.22	9.48	21.34	-11.86
0x20	5570	6.86	6.36	9.63	21.34	-11.71

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (N) PUNCTURED
0x40 MODE (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	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	8.51	8.08	11.31	24.00	-12.69

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (N) PUNCTURED
0x40 MODE (Mid Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.26	6.97	10.67	22.70	-12.03

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (N) PUNCTURED
0x40 MODE (High Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	6.89	6.28	9.61	21.34	-11.73

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	11.05	11.22	14.15	24.00	-9.85

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 2*996T (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-18

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	8.72	9.08	11.91	22.70	-10.79

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 2*996T (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-06

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	6.93	6.78	9.87	21.34	-11.47

9.5.26. 802.11a MODE IN THE 5.8 GHz BAND

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

Test Engineer:	33489/84740, 85502
Test Date:	2024-08-21, 2024-09-03

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

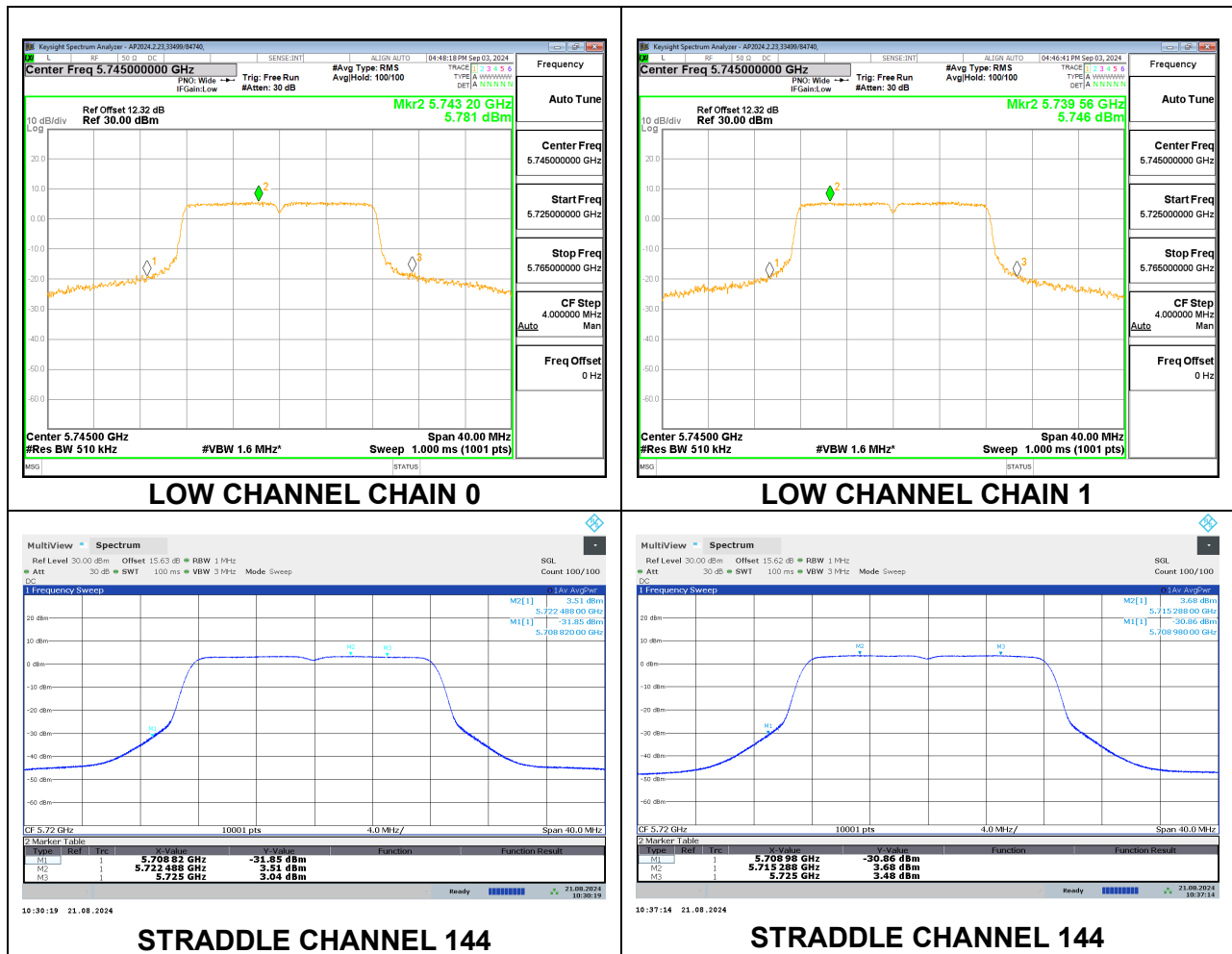
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	15.23	15.36	18.31	30.00	-11.69
153	5765	20.45	20.65	23.56	30.00	-6.44
Mid	5785	20.58	20.65	23.63	30.00	-6.37
High	5825	20.49	20.55	23.53	30.00	-6.47
144	5720	16.61	16.64	19.64	30.00	-10.36

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	5.781	5.746	8.774	27.79	-19.02
Mid	5785	5.448	5.606	8.538	27.79	-19.25
High	5825	5.158	5.463	8.323	27.79	-19.47
144	5720	3.510	3.680	6.606	27.79	-21.18



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) (Mid Gain)

Test Engineer:	33489/84740, 85502
Test Date:	2024-09-03

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

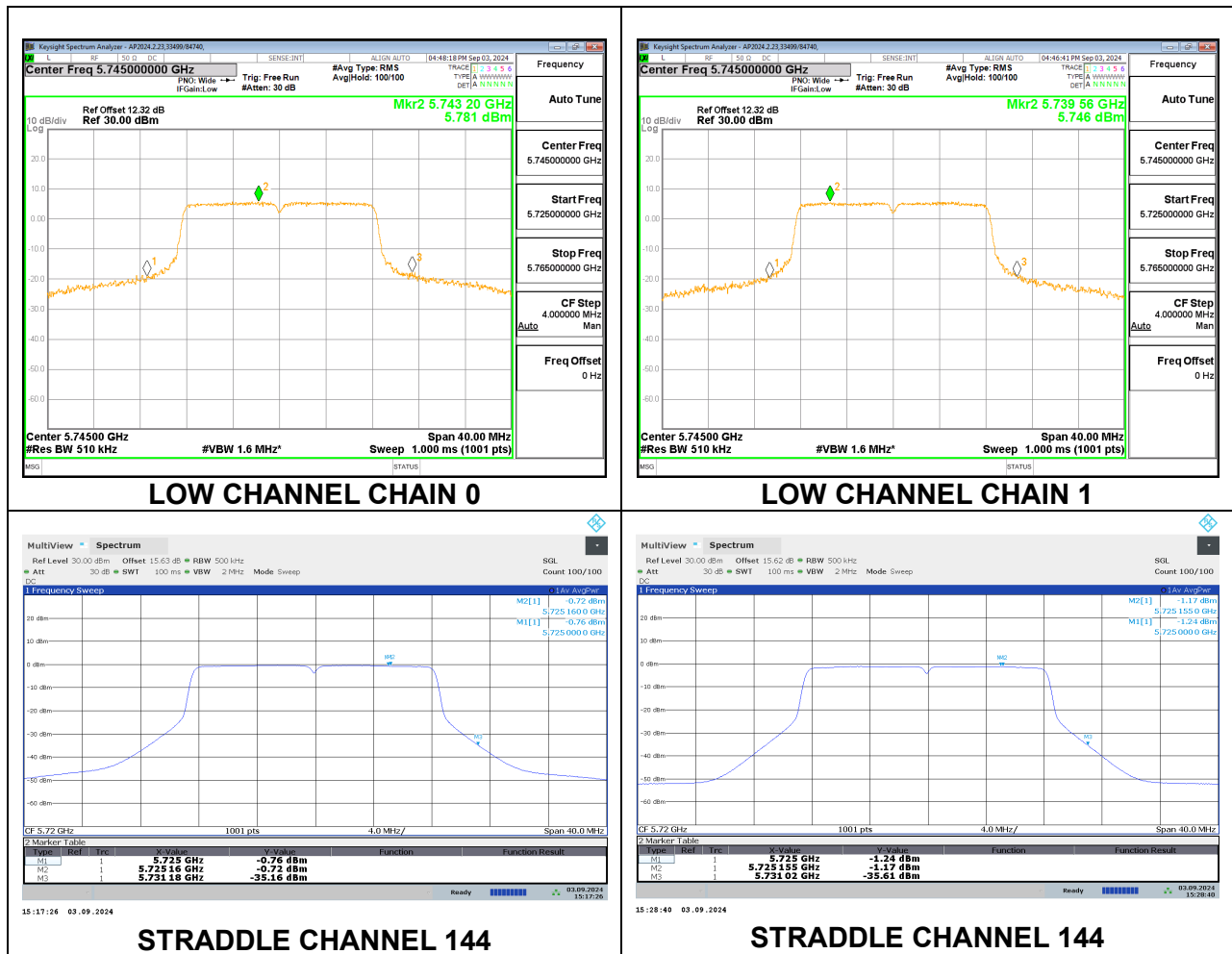
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	15.23	15.36	18.31	28.70	-10.39
153	5765	20.45	20.65	23.56	28.70	-5.14
Mid	5785	20.58	20.65	23.63	28.70	-5.07
High	5825	20.49	20.55	23.53	28.70	-5.17
144	5720	16.15	15.05	18.65	28.70	-10.05

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	5.781	5.746	8.774	25.69	-16.92
Mid	5785	5.448	5.606	8.538	25.69	-17.15
High	5825	5.158	5.463	8.323	25.69	-17.37
144	5720	-0.720	-1.170	2.071	25.69	-23.62



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) (High Gain)

Test Engineer:	33489/84740, 85502
Test Date:	2024-08-08, 2024-09-03

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

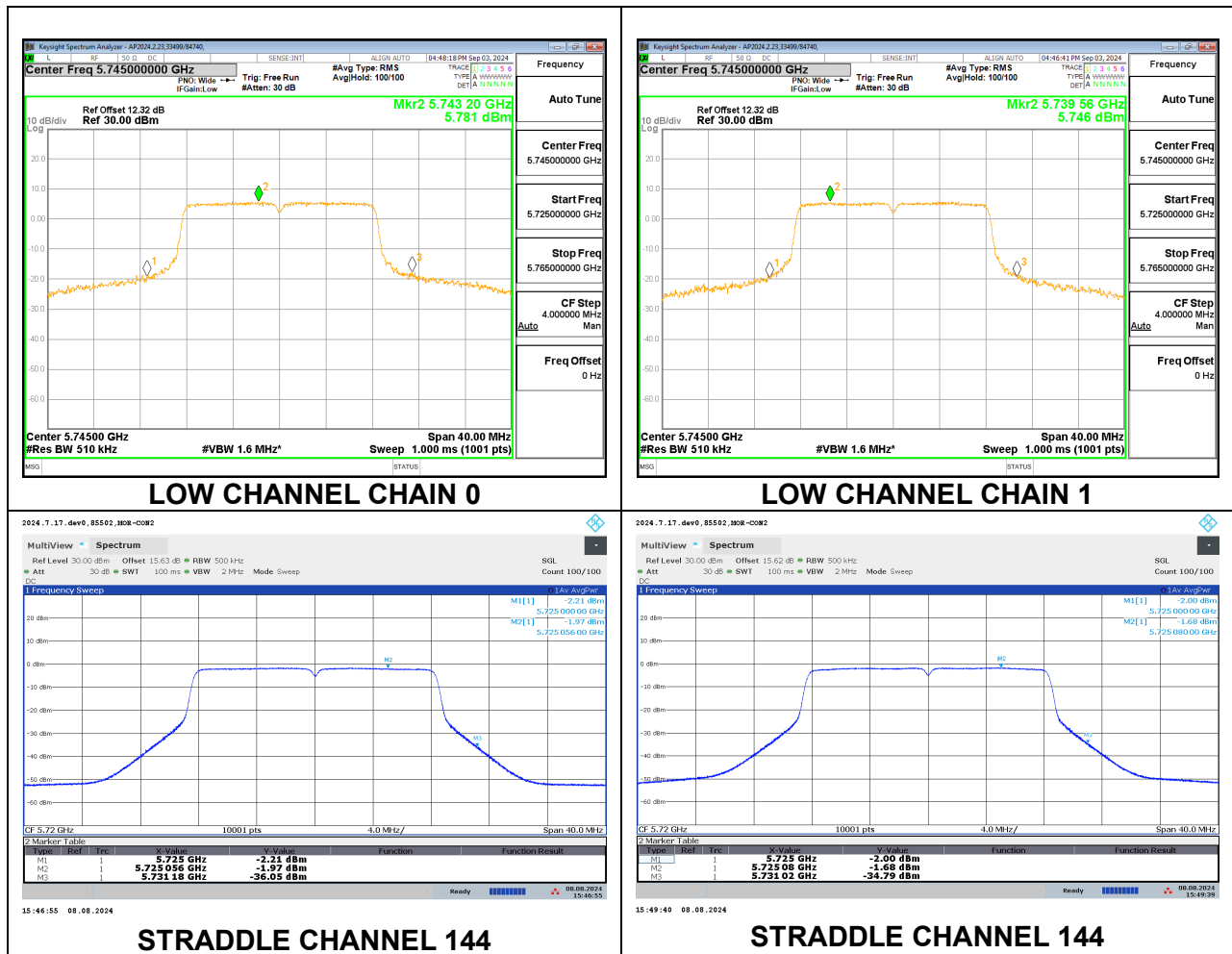
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	15.23	15.36	18.31	27.34	-9.03
153	5765	20.45	20.65	23.56	27.34	-3.78
Mid	5785	20.58	20.65	23.63	27.34	-3.71
High	5825	20.49	20.55	23.53	27.34	-3.81
144	5720	13.69	13.65	16.68	27.34	-10.66

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	5.781	5.746	8.774	24.33	-15.56
Mid	5785	5.448	5.606	8.538	24.33	-15.79
High	5825	5.158	5.463	8.323	24.33	-16.01
144	5720	-1.970	-1.680	1.188	24.33	-23.14



PSD was performed at Mid Channel power setting at lowest, middle, highest channel.
Therefore 5765 MHz, didn't require additional PSD measurements.

9.5.27. 802.11n HT20 MODE IN THE 5.8 GHz BAND

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

Test Engineer:	2024-07-03
Test Date:	104412/84740

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	15.31	15.22	18.28	30.00	-11.72
153	5765	20.42	20.58	23.51	30.00	-6.49
Mid	5785	20.47	20.55	23.52	30.00	-6.48
High	5825	19.98	20.54	23.28	30.00	-6.72
144	5720	16.56	16.79	19.69	30.00	-10.31

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	2024-07-03
Test Date:	104412/84740

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	15.31	15.22	18.28	28.70	-10.42
153	5765	20.42	20.58	23.51	28.70	-5.19
Mid	5785	20.47	20.55	23.52	28.70	-5.18
High	5825	19.98	20.54	23.28	28.70	-5.42
144	5720	16.15	15.08	18.66	28.70	-10.04

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	2024-07-03
Test Date:	104412/84740

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	15.31	15.22	18.28	27.34	-9.06
153	5765	20.42	20.58	23.51	27.34	-3.83
Mid	5785	20.47	20.55	23.52	27.34	-3.82
High	5825	19.98	20.54	23.28	27.34	-4.06
144	5720	13.65	13.55	16.61	27.34	-10.73

9.5.28. 802.11n HT40 MODE IN THE 5.8 GHz BAND

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

Test Engineer:	2024-07-03
Test Date:	104412/84740

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	18.20	18.16	21.19	30.00	-8.81
High	5795	17.96	18.08	21.03	30.00	-8.97
142	5710	15.14	15.31	18.24	30.00	-11.76

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	2024-07-03, 2024-09-26
Test Date:	104412/84740

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	17.98	17.29	20.66	28.70	-8.04
High	5795	17.96	18.08	21.03	28.70	-7.67
142	5710	14.50	14.93	17.73	28.70	-10.97

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	2024-07-03, 2024-09-18
Test Date:	104412/84740, 33499/84740

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	17.45	16.76	20.13	27.34	-7.21
High	5795	17.75	17.07	20.43	27.34	-6.91
142	5710	14.41	13.74	17.10	27.34	-10.24

**9.5.29. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND
2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Low Gain)**

Test Engineer:	104412/84740, 33499/84740
Test Date:	2024-07-03, 2024-09-18

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	5775	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	5775	18.06	18.42	21.25	30.00	-8.75
138	5690	18.10	17.40	20.77	30.00	-9.23

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	104412/84740, 33499/84740
Test Date:	2024-07-03, 2024-09-26

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	5775	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	5775	16.93	16.20	19.59	28.70	-9.11
138	5690	16.06	15.23	18.68	28.70	-10.02

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	104412/84740, 104463/85502
Test Date:	2024-07-03, 2024-09-04

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	5775	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	5775	16.51	16.51	19.52	27.34	-7.82
138	5690	13.82	13.72	16.78	27.34	-10.56

9.5.30. 802.11be EHT20 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (Low Gain)

Test Engineer:	33489/84740, 85502
Test Date:	2024-08-21, 2024-09-03

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

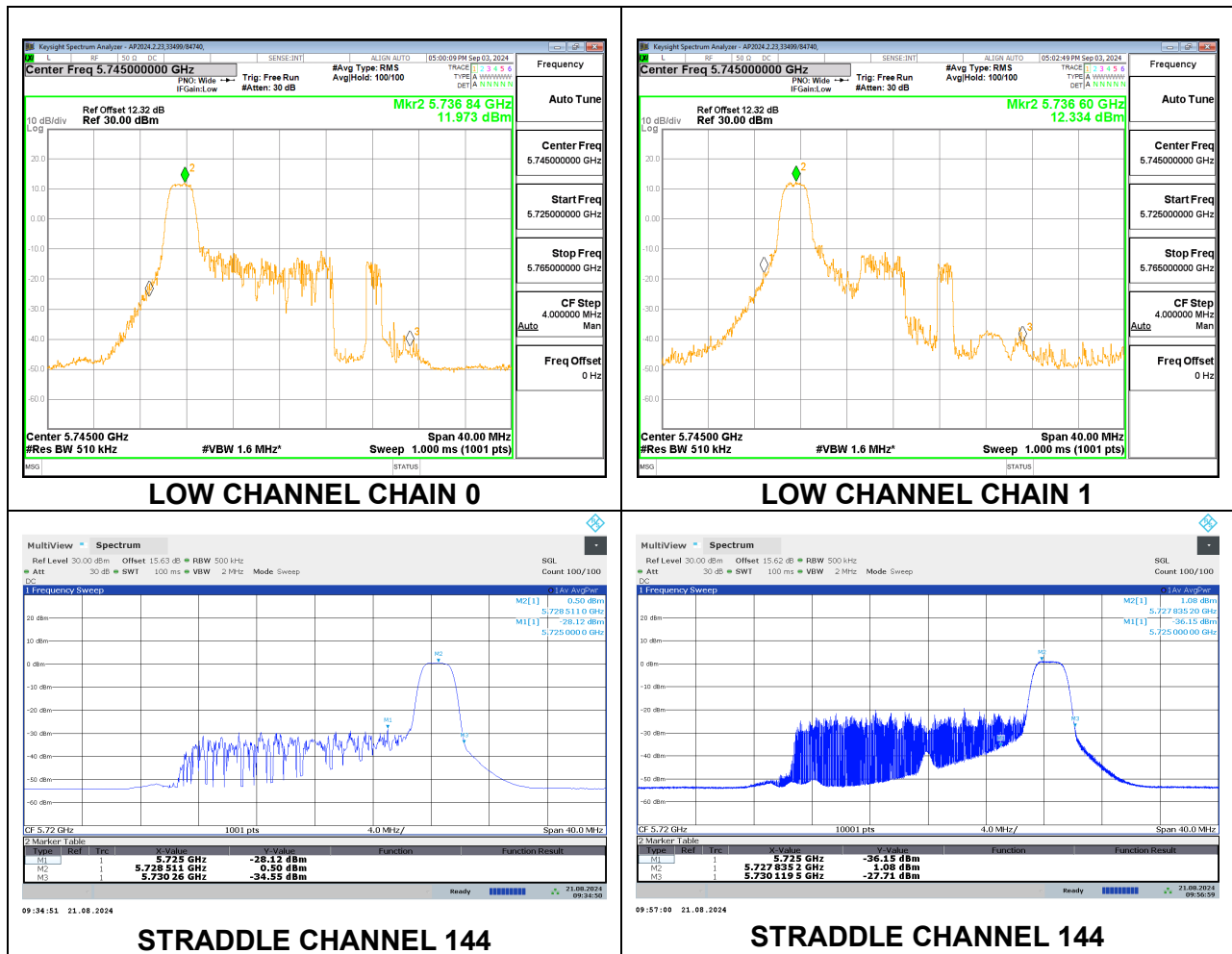
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	14.87	15.01	17.95	30.00	-12.05
153	5765	17.98	18.09	21.05	30.00	-8.95
Mid	5785	18.02	17.96	21.00	30.00	-9.00
High	5825	17.97	18.02	21.01	30.00	-8.99
144	5720	8.38	7.97	11.19	30.00	-18.81

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	11.973	12.334	15.168	27.79	-12.62
Mid	5785	11.465	11.855	14.675	27.79	-13.12
High	5825	12.061	11.384	14.746	27.79	-13.04
144	5720	0.500	0.108	3.319	27.79	-24.47



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:	33499/84740, 85502
Test Date:	2024-09-03, 2024-09-04

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

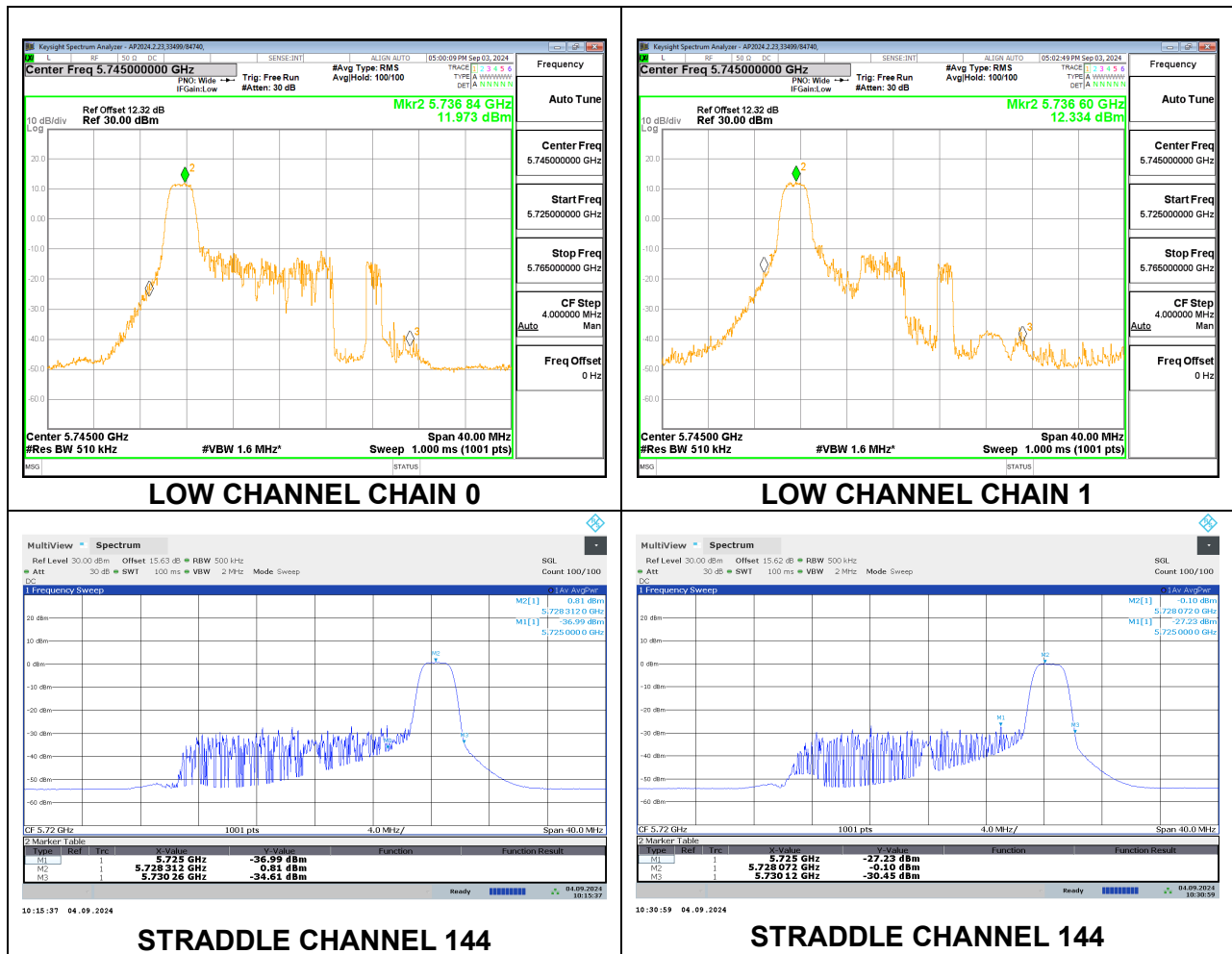
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	14.87	15.01	17.95	28.70	-10.75
153	5765	17.98	18.09	21.05	28.70	-7.65
Mid	5785	18.02	17.96	21.00	28.70	-7.70
High	5825	17.97	18.02	21.01	28.70	-7.69
144	5720	7.40	7.37	10.40	28.70	-18.30

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	11.973	12.334	15.168	25.69	-10.52
Mid	5785	11.465	11.855	14.675	25.69	-11.02
High	5825	12.061	11.384	14.746	25.69	-10.94
144	5720	0.810	-0.100	3.389	25.69	-22.30



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:	85502, 33499/84740
Test Date:	2024-08-13, 2024-09-03

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

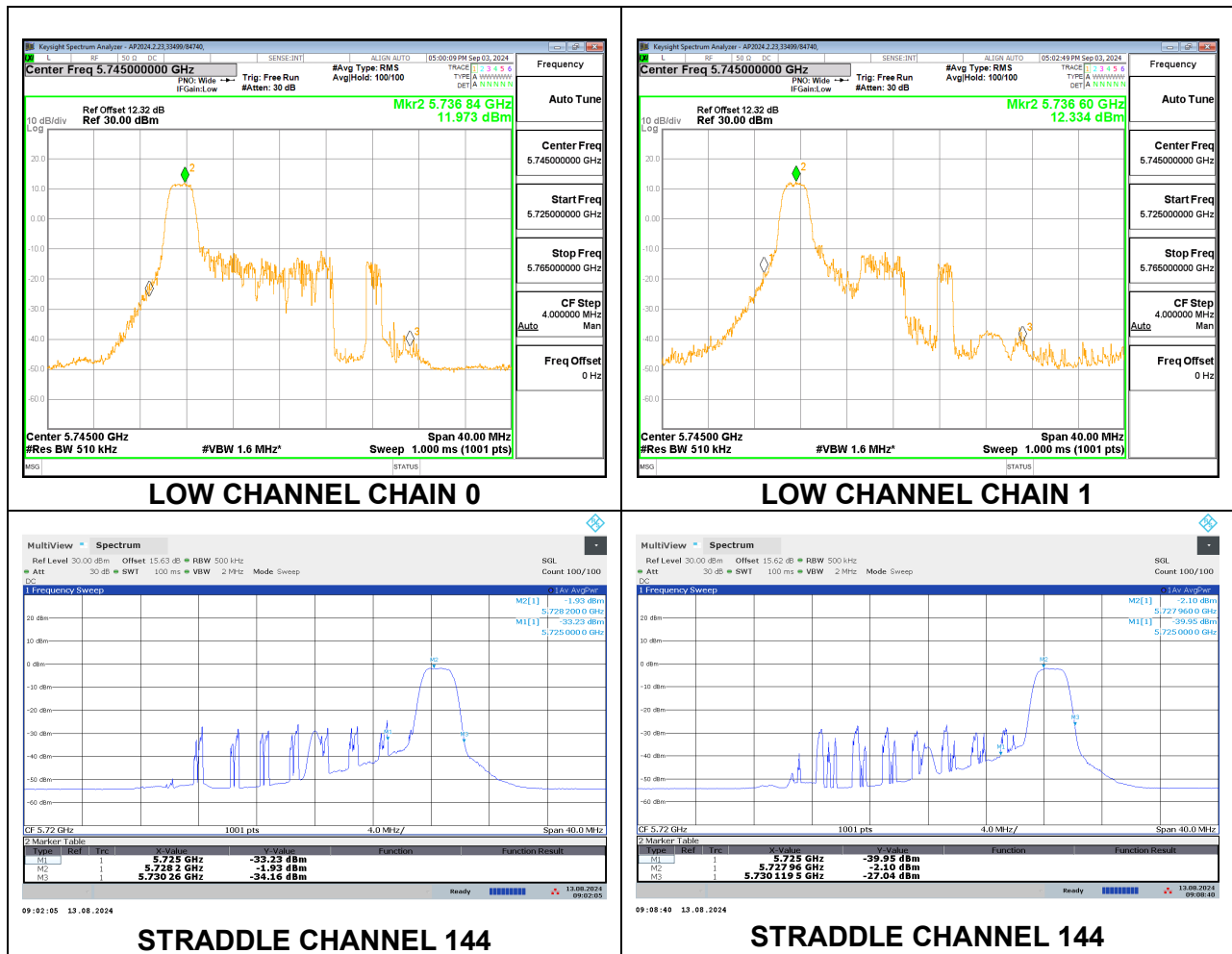
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	14.87	15.01	17.95	27.34	-9.39
153	5765	17.98	18.09	21.05	27.34	-6.29
Mid	5785	18.02	17.96	21.00	27.34	-6.34
High	5825	17.97	18.02	21.01	27.34	-6.33
144	5720	5.58	5.39	8.50	27.34	-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	11.973	12.334	15.168	24.33	-9.16
Mid	5785	11.465	11.855	14.675	24.33	-9.66
High	5825	12.061	11.384	14.746	24.33	-9.58
144	5720	-1.930	-2.100	0.996	24.33	-23.33



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:	104412/84740
Test Date:	2024-07-03

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	14.96	15.09	18.04	30.00	-11.96
153	5765	17.97	17.96	20.98	30.00	-9.02
Mid	5785	17.95	18.01	20.99	30.00	-9.01
High	5825	18.10	17.99	21.06	30.00	-8.94
144	5720	11.54	11.20	14.384	27.79	-13.41

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (Mid Gain)

Test Engineer:	104412/84740
Test Date:	2024-07-03

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	14.96	15.09	18.04	28.70	-10.66
153	5765	17.97	17.96	20.98	28.70	-7.72
Mid	5785	17.95	18.01	20.99	28.70	-7.71
High	5825	18.10	17.99	21.06	28.70	-7.64
144	5720	10.41	9.19	12.853	25.69	-12.84

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (High Gain)

Test Engineer:	104412/84740
Test Date:	2024-07-03

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	14.96	15.09	18.04	27.34	-9.30
153	5765	17.97	17.96	20.98	27.34	-6.36
Mid	5785	17.95	18.01	20.99	27.34	-6.35
High	5825	18.10	17.99	21.06	27.34	-6.28
144	5720	8.40	8.08	11.253	24.33	-13.08

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T+26T (Low Gain)

Test Engineer:	2024-07-03
Test Date:	104412/84740

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	14.84	14.98	17.92	30.00	-12.08
153	5765	18.04	18.03	21.05	30.00	-8.95
Mid	5785	18.02	18.07	21.06	30.00	-8.94
High	5825	18.01	18.04	21.04	30.00	-8.96
144	5720	11.67	11.94	14.82	27.79	-12.97

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T+26T (Mid Gain)

Test Engineer:	2024-07-03
Test Date:	104412/84740

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	14.84	14.98	17.92	28.70	-10.78
153	5765	18.04	18.03	21.05	28.70	-7.65
Mid	5785	18.02	18.07	21.06	28.70	-7.64
High	5825	18.01	18.04	21.04	28.70	-7.66
144	5720	10.76	9.76	13.30	25.69	-12.39

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T+26T (High Gain)

Test Engineer:	2024-07-03
Test Date:	104412/84740

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	14.84	14.98	17.92	27.34	-9.42
153	5765	18.04	18.03	21.05	27.34	-6.29
Mid	5785	18.02	18.07	21.06	27.34	-6.28
High	5825	18.01	18.04	21.04	27.34	-6.30
144	5720	8.49	7.80	11.17	24.33	-13.16

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (Low Gain)

Test Engineer:	104412/84740
Test Date:	2024-07-03

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	14.78	14.93	17.87	30.00	-12.13
153	5765	17.94	18.02	20.99	30.00	-9.01
Mid	5785	18.00	18.00	21.01	30.00	-8.99
High	5825	18.07	17.99	21.04	30.00	-8.96
144	5720	14.60	14.00	17.32	27.79	-10.47

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (Mid Gain)

Test Engineer:	104412/84740
Test Date:	2024-07-03

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	14.78	14.93	17.87	28.70	-10.83
153	5765	17.94	18.02	20.99	28.70	-7.71
Mid	5785	18.00	18.00	21.01	28.70	-7.69
High	5825	18.07	17.99	21.04	28.70	-7.66
144	5720	13.72	12.45	16.14	25.69	-9.55

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (High Gain)

Test Engineer:	104412/84740
Test Date:	2024-07-03

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	14.78	14.93	17.87	27.34	-9.47
153	5765	17.94	18.02	20.99	27.34	-6.35
Mid	5785	18.00	18.00	21.01	27.34	-6.33
High	5825	18.07	17.99	21.04	27.34	-6.30
144	5720	11.26	11.02	14.15	24.33	-10.18

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T+26T (Low Gain)

Test Engineer:	104412/84740
Test Date:	2024-07-03

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	14.82	14.99	17.92	30.00	-12.08
153	5765	17.90	17.96	20.94	30.00	-9.06
Mid	5785	18.08	18.03	21.07	30.00	-8.93
High	5825	18.07	18.10	21.10	30.00	-8.90
144	5720	14.73	14.07	17.42	30.00	-12.58

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T+26T (Mid Gain)

Test Engineer:	104412/84740
Test Date:	2024-07-03

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	14.82	14.99	17.92	28.70	-10.78
153	5765	17.90	17.96	20.94	28.70	-7.76
Mid	5785	18.08	18.03	21.07	28.70	-7.63
High	5825	18.07	18.10	21.10	28.70	-7.60
144	5720	13.64	12.58	16.15	28.70	-12.55

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T+26T (High Gain)

Test Engineer:	104412/84740
Test Date:	2024-07-03

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	14.82	14.99	17.92	27.34	-9.42
153	5765	17.90	17.96	20.94	27.34	-6.40
Mid	5785	18.08	18.03	21.07	27.34	-6.27
High	5825	18.07	18.10	21.10	27.34	-6.24
144	5720	11.32	11.13	14.24	27.34	-13.10

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T (Low Gain)

Test Engineer:	33489/84740, 85502
Test Date:	2024-08-22, 2024-09-03

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

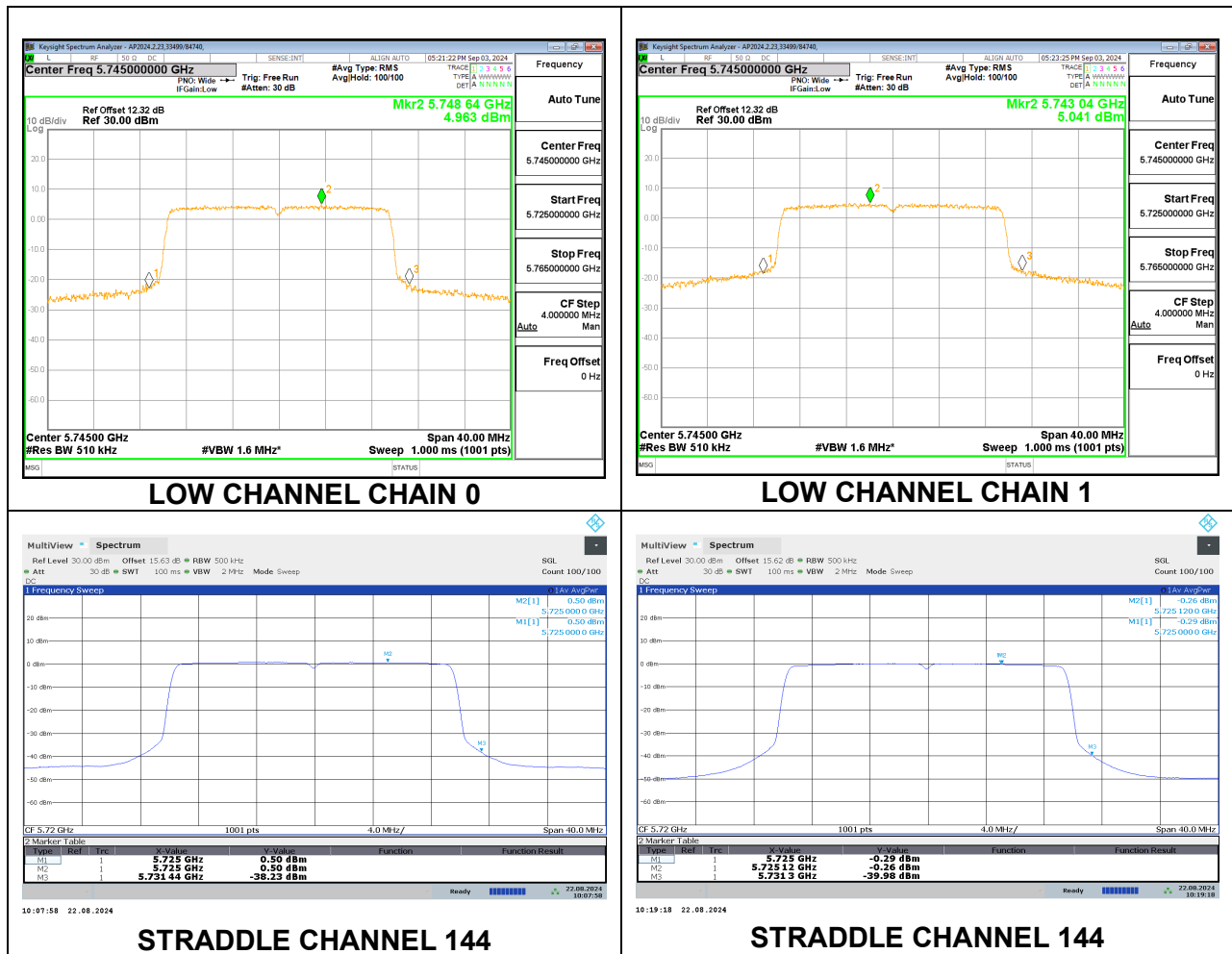
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	14.83	15.04	17.95	30.00	-12.05
153	5765	19.98	20.15	23.08	30.00	-6.92
Mid	5785	20.03	20.09	23.07	30.00	-6.93
High	5825	20.09	20.08	23.10	30.00	-6.90
144	5720	16.57	16.82	19.71	30.00	-10.29

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	4.963	5.041	8.012	27.79	-19.78
Mid	5785	4.207	4.881	7.567	27.79	-20.22
High	5825	4.890	4.756	7.834	27.79	-19.96
144	5720	0.500	-0.260	3.147	27.79	-24.64



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) – 242T (Mid Gain)

Test Engineer:	33489/84740, 85502
Test Date:	2024-09-03, 2024-09-04

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

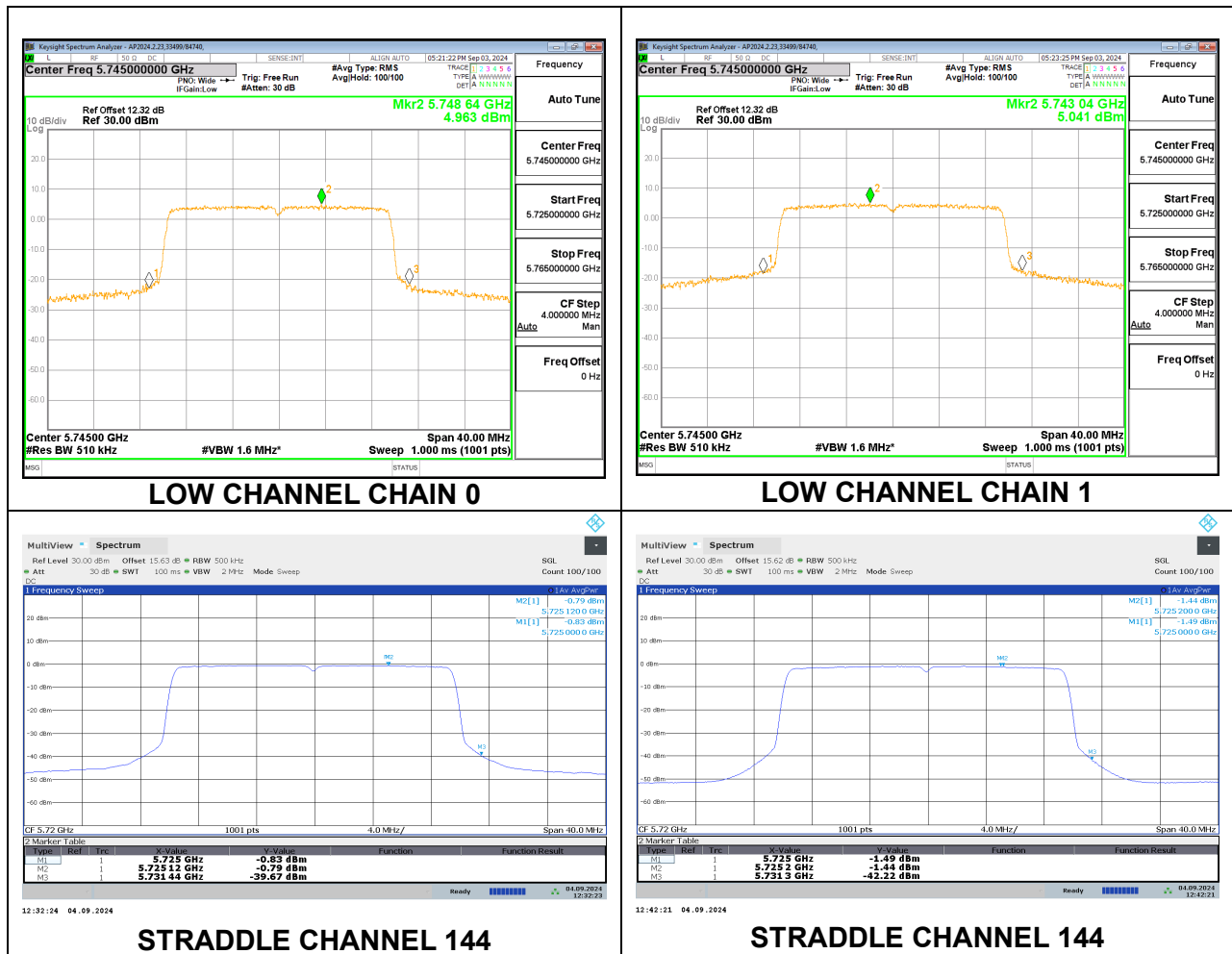
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	14.83	15.04	17.95	28.70	-10.75
153	5765	19.98	20.15	23.08	28.70	-5.62
Mid	5785	20.03	20.09	23.07	28.70	-5.63
High	5825	20.09	20.08	23.10	28.70	-5.60
144	5720	15.62	15.79	18.72	28.70	-9.98

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	4.963	5.041	8.012	25.69	-17.68
Mid	5785	4.207	4.881	7.567	25.69	-18.12
High	5825	4.890	4.756	7.834	25.69	-17.86
144	5720	-0.790	-1.440	1.907	25.69	-23.78



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) – 242T (High Gain)

Test Engineer:	33489/84740, 85502
Test Date:	2024-08-19, 2024-09-03

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

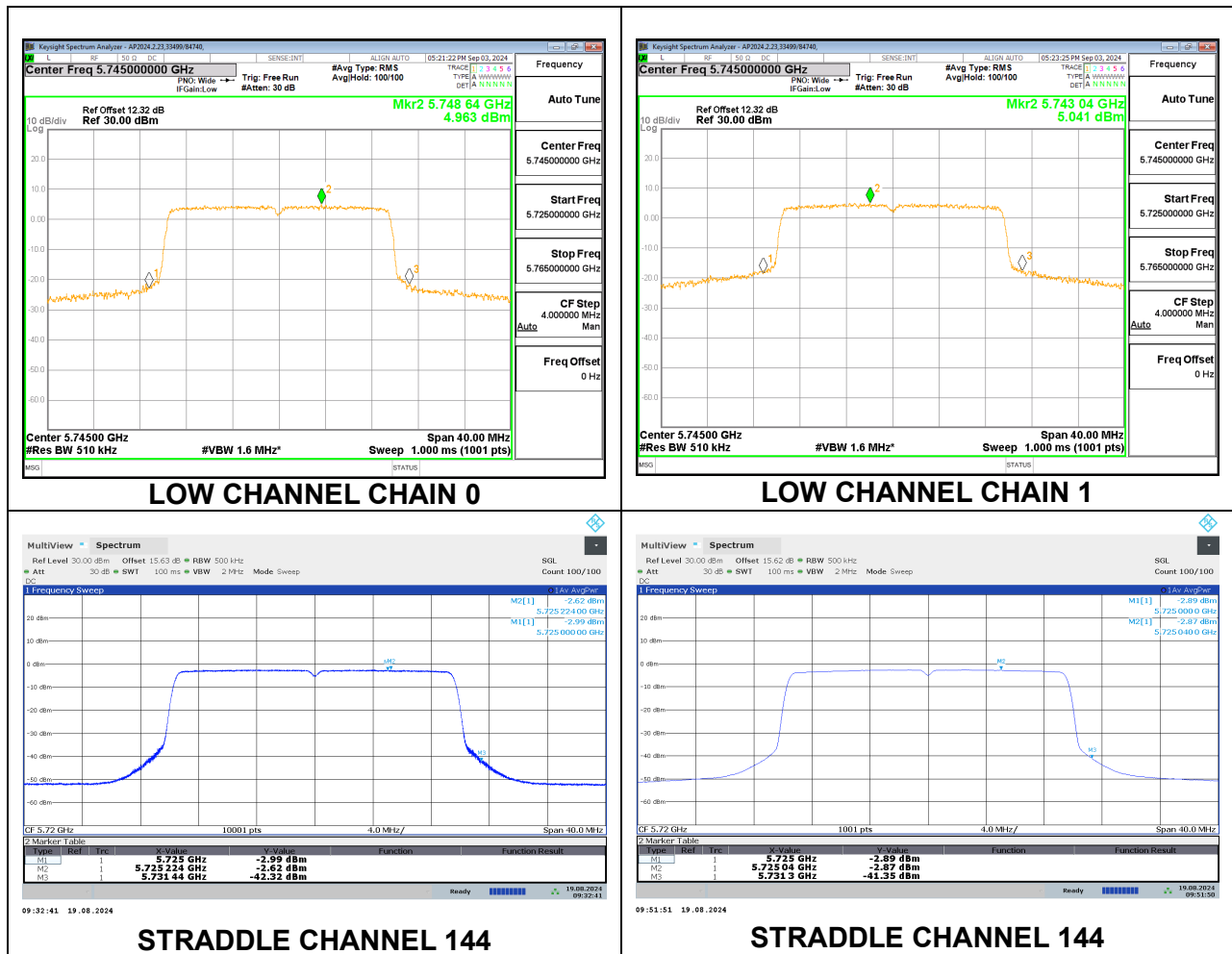
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	14.83	15.04	17.95	27.34	-9.39
153	5765	19.98	20.15	23.08	27.34	-4.26
Mid	5785	20.03	20.09	23.07	27.34	-4.27
High	5825	20.09	20.08	23.10	27.34	-4.24
144	5720	13.67	13.72	16.71	27.34	-10.63

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	4.963	5.041	8.012	24.33	-16.32
Mid	5785	4.207	4.881	7.567	24.33	-16.76
High	5825	4.890	4.756	7.834	24.33	-16.50
144	5720	-2.620	-2.870	0.267	24.33	-24.06



PSD was performed at Mid Channel power setting at lowest, middle, highest channel.
Therefore 5765 MHz, didn't require additional PSD measurements.

9.5.31. 802.11be EHT40 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T (Low Gain)

Test Engineer:	104412/84740, 104463/85502
Test Date:	2024-07-03, 2024-09-04

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	16.04	15.79	18.93	30.00	-11.07
High	5795	17.91	18.09	21.01	30.00	-8.99
142	5710	14.98	15.32	18.16	30.00	-11.84

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T (Mid Gain)

Test Engineer:	104412/84740, 104463/85502
Test Date:	2024-07-03, 2024-09-04

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	16.14	15.83	19.00	28.70	-9.70
High	5795	17.91	18.09	21.01	28.70	-7.69
142	5710	15.02	15.32	18.18	28.70	-10.52

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T (High Gain)

Test Engineer:	104412/84740, 104463/85502, 33499/84740
Test Date:	2024-07-03, 2024-09-04, 2024-09-18, 2024-09-26

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	15.81	15.10	18.48	27.34	-8.86
High	5795	17.67	16.98	20.35	27.34	-6.99
142	5710	14.40	13.74	17.09	27.34	-10.25

9.5.32. 802.11be EHT80 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) MRU LOW (Low Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	16.06	15.81	18.95	30.00	-11.05
138	5690	16.96	16.21	19.61	30.00	-10.39

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) MRU LOW (Mid Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.62	15.42	18.53	28.70	-10.17
138	5690	16.09	15.25	18.70	28.70	-10.00

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) MRU LOW (High Gain)

Test Engineer:	104463/85502
Test Date:	2024-09-04

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	5775	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	5775	15.85	15.11	18.51	27.34	-8.83
138	5690	14.64	13.24	17.01	27.34	-10.33

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) PUNCTURED 0x8 MODE (Low Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.72	15.45	18.60	30.00	-11.40
138	5690	16.97	16.96	19.98	30.00	-10.02

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) PUNCTURED 0x8 MODE (Mid Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.13	15.06	18.11	28.70	-10.59
138	5690	15.59	14.76	18.21	28.70	-10.49

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) PUNCTURED 0x8 MODE (High Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.78	15.05	18.44	27.34	-8.90
138	5690	13.86	12.30	16.16	27.34	-11.18

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) MRU2 (Low Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.94	15.78	18.87	30.00	-11.13
138	5690	16.79	16.64	19.73	30.00	-10.27

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) MRU2 (Mid Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.43	15.19	18.32	28.70	-10.38
138	5690	16.05	15.23	18.67	28.70	-10.03

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) MRU2 (High Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	14.98	14.77	17.89	27.34	-9.45
138	5690	15.58	14.85	18.24	27.34	-9.10

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) PUNCTURED 0x2 MODE (Low Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.57	15.35	18.47	30.00	-11.53
138	5690	16.71	16.51	19.62	30.00	-10.38

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) PUNCTURED 0x2
MODE (Mid Gain)**

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.01	14.84	17.94	28.70	-10.76
138	5690	15.49	14.78	18.16	28.70	-10.54

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) PUNCTURED 0x2
MODE (High Gain)**

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.58	14.89	18.26	27.34	-9.08
138	5690	13.10	12.27	15.72	27.34	-11.62

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU3 (Low Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	16.02	15.78	18.91	30.00	-11.09
138	5690	16.74	16.57	19.67	30.00	-10.33

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU3 (Mid Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.53	15.26	18.41	28.70	-10.29
138	5690	16.03	15.31	18.70	28.70	-10.00

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU3 (High Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.63	14.88	18.28	27.34	-9.06
138	5690	14.44	12.96	16.77	27.34	-10.57

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4 MODE (Low Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.52	15.19	18.37	30.00	-11.63
138	5690	16.81	16.71	19.77	30.00	-10.23

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4 MODE (Mid Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	14.99	14.83	17.92	28.70	-10.78
138	5690	15.53	14.72	18.15	28.70	-10.55

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4 MODE (High Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-18

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	5775	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	5775	15.62	14.89	18.28	27.34	-9.06
138	5690	13.82	12.24	16.11	27.34	-11.23

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (Low Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-20

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	5775	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	5775	10.59	10.09	13.36	30.00	-16.64
138	5690	17.98	18.20	21.10	30.00	-8.90

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (Mid Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-20

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	5775	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	5775	10.59	10.09	13.36	28.70	-15.34
138	5690	15.83	15.15	18.51	28.70	-10.19

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (High Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-04, 2024-09-20

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	5775	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	5775	10.59	10.09	13.36	27.34	-13.98
138	5690	14.01	14.04	17.04	27.34	-10.30

9.5.33. 802.11a MODE IN THE 5.9 GHz BAND

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

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	5.20	8.21	30.00	14.00
Mid	5865	5.20	8.21	30.00	14.00
High	5885	5.20	8.21	30.00	14.00

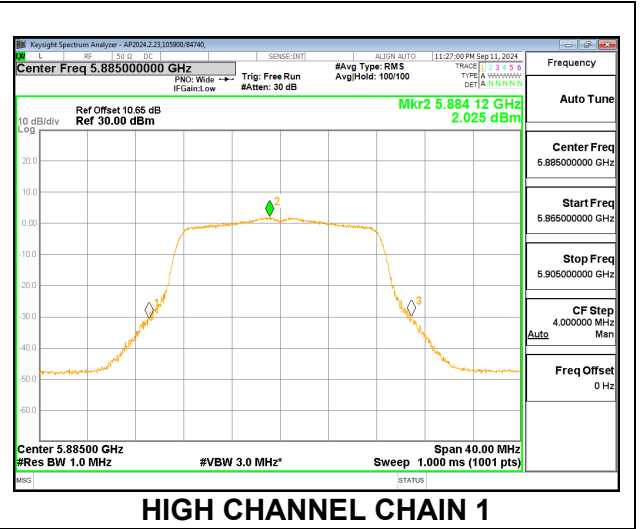
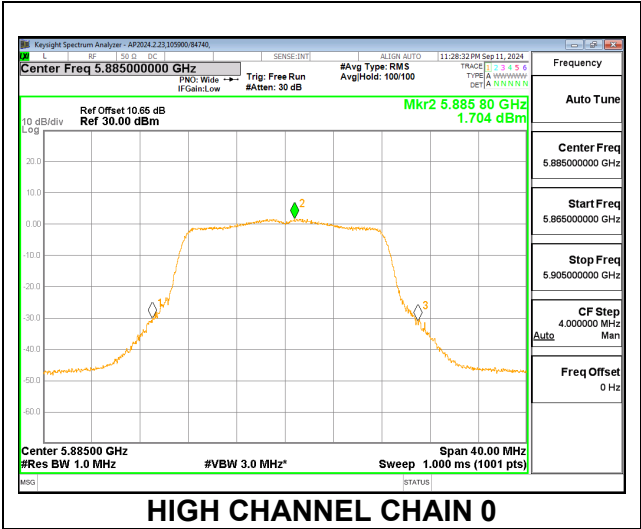
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	15.05	14.40	22.95	30.00	-7.05
Mid	5865	14.65	13.78	22.45	30.00	-7.55
High	5885	14.66	13.66	22.40	30.00	-7.60

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	1.680	0.920	12.537	14.00	-1.46
Mid	5865	1.575	1.857	12.939	14.00	-1.06
High	5885	1.704	2.025	13.088	14.00	-0.91



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	7.30	10.31	30.00	14.00
Mid	5865	7.30	10.31	30.00	14.00
High	5885	7.30	10.31	30.00	14.00

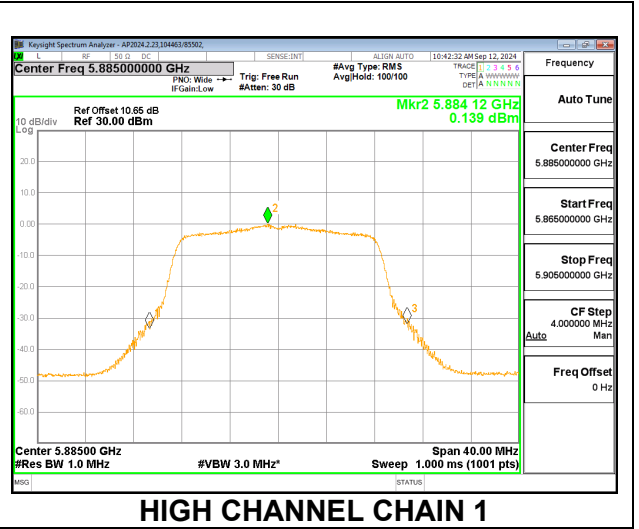
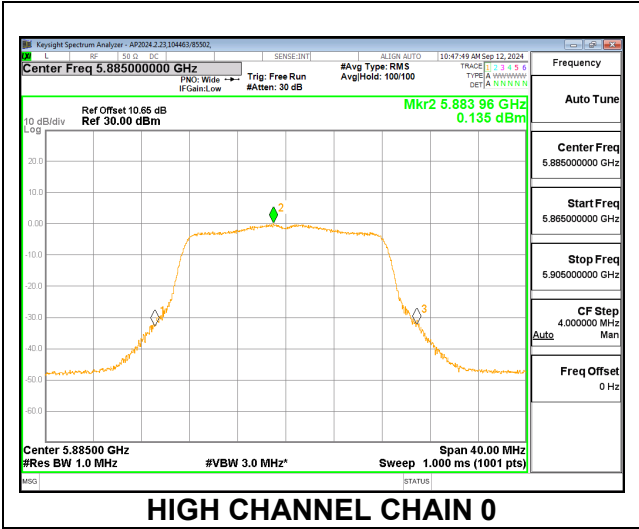
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	13.69	12.77	23.56	30.00	-6.44
Mid	5865	12.73	11.69	22.55	30.00	-7.45
High	5885	12.67	11.98	22.65	30.00	-7.35

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	0.180	-0.850	13.016	14.00	-0.98
Mid	5865	-0.344	-0.412	12.942	14.00	-1.06
High	5885	0.135	0.139	13.457	14.00	-0.54



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	85502, 104463/85502, 33499/84740
Test Date:	2024-09-09, 2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	8.66	11.67	30.00	14.00
Mid	5865	8.66	11.67	30.00	14.00
High	5885	8.66	11.67	30.00	14.00

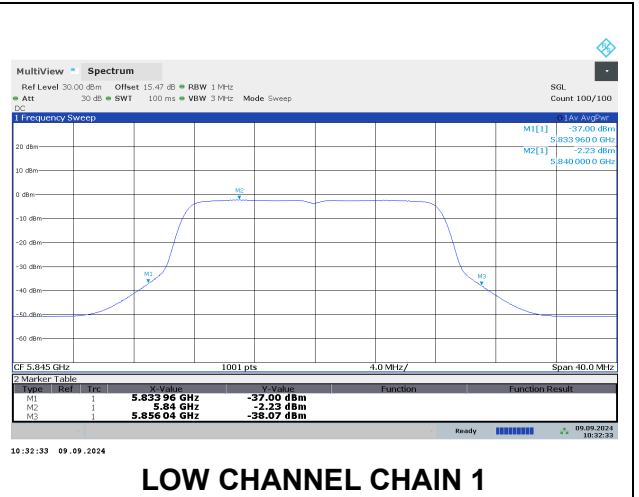
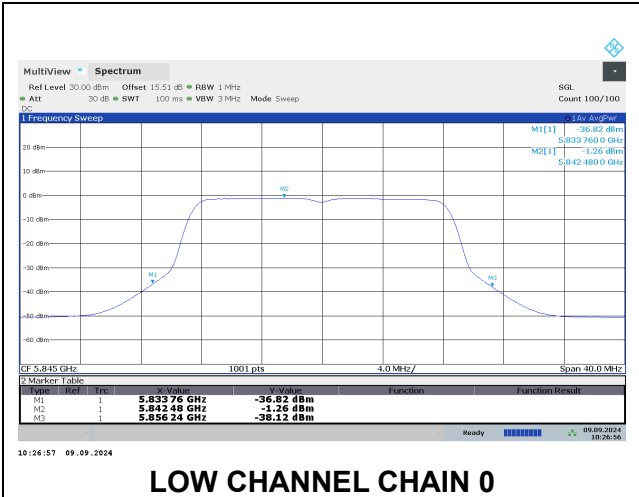
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	12.18	11.26	23.41	30.00	-6.59
Mid	5865	11.26	10.29	22.47	30.00	-7.53
High	5885	11.24	10.67	22.63	30.00	-7.37

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	-1.260	-2.230	12.962	14.00	-1.04
Mid	5865	-2.277	-1.608	12.751	14.00	-1.25
High	5885	-2.491	-1.707	12.599	14.00	-1.40



9.5.34. 802.11n HT20 MODE IN THE 5.9 GHz BAND

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

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	5.20	8.21	30.00	14.00
Mid	5865	5.20	8.21	30.00	14.00
High	5885	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	15.11	14.45	23.00	30.00	-7.00
Mid	5865	14.60	13.89	22.47	30.00	-7.53
High	5885	14.66	13.92	22.52	30.00	-7.48

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	7.30	10.31	30.00	14.00
Mid	5865	7.30	10.31	30.00	14.00
High	5885	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	13.64	12.78	23.54	30.00	-6.46
Mid	5865	12.77	11.79	22.62	30.00	-7.38
High	5885	12.66	11.91	22.61	30.00	-7.39

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	8.66	11.67	30.00	14.00
Mid	5865	8.66	11.67	30.00	14.00
High	5885	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	12.21	11.20	23.40	30.00	-6.60
Mid	5865	11.23	10.34	22.48	30.00	-7.52
High	5885	11.15	10.49	22.50	30.00	-7.50

9.5.35. 802.11n HT40 MODE IN THE 5.9 GHz BAND

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

Test Engineer:	85502, 33499/84740
Test Date:	2024-08-15, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5835	5.20	8.21	30.00	14.00
High	5875	5.20	8.21	30.00	14.00

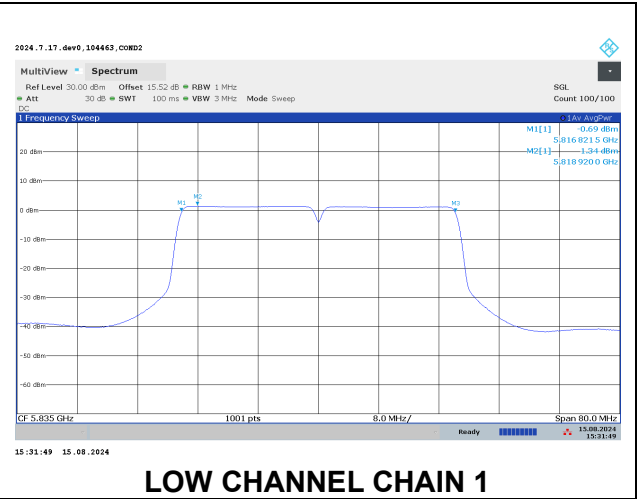
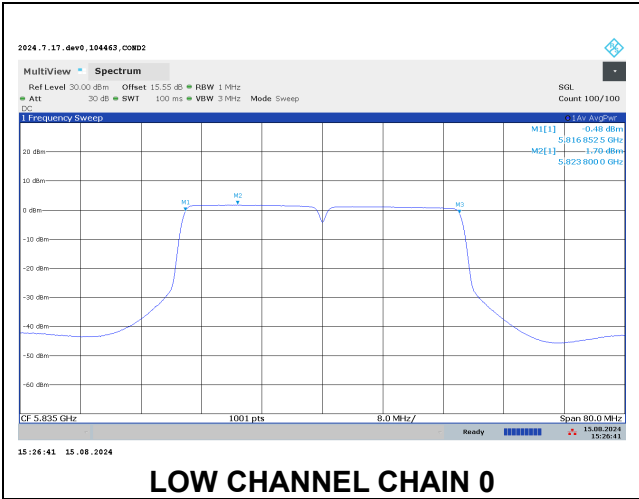
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5835	18.02	18.46	26.46	30.00	-3.54
High	5875	18.02	18.39	26.42	30.00	-3.58

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5835	1.700	1.340	12.744	14.00	-1.26
High	5875	1.670	1.210	12.666	14.00	-1.33



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	85502, 33499/84740
Test Date:	2024-09-06, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5835	7.30	10.31	30.00	14.00
High	5875	7.30	10.31	30.00	14.00

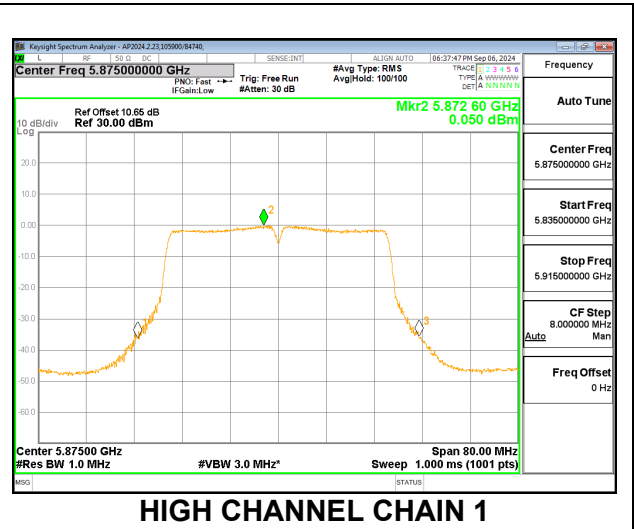
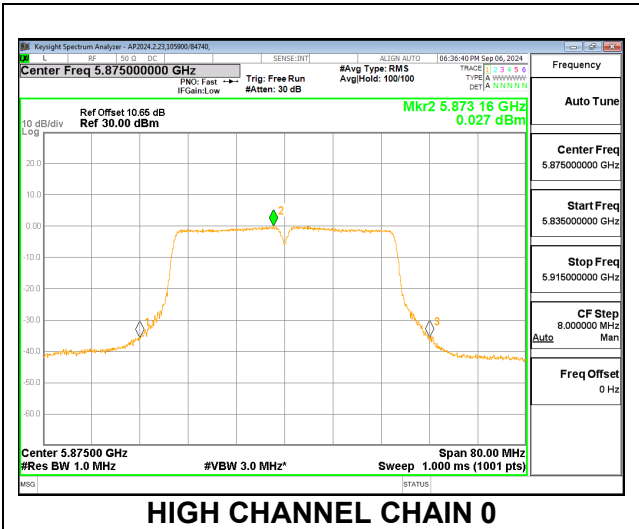
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5835	16.68	16.05	26.69	30.00	-3.31
High	5875	16.79	16.22	26.82	30.00	-3.18

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5835	-0.170	-0.780	12.856	14.00	-1.14
High	5875	0.027	0.050	13.359	14.00	-0.64



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	85502, 33499/84740
Test Date:	2024-09-06

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5835	8.66	11.67	30.00	14.00
High	5875	8.66	11.67	30.00	14.00

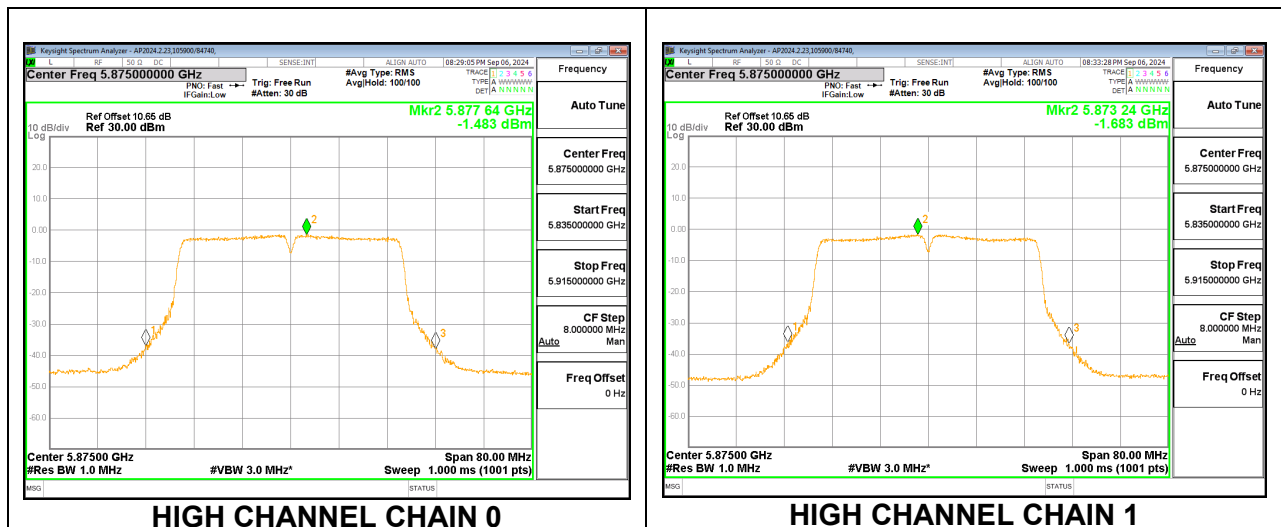
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5835	15.08	14.65	26.54	30.00	-3.46
High	5875	15.15	14.60	26.55	30.00	-3.45

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5835	-1.420	-2.340	12.825	14.00	-1.18
High	5875	-1.483	-1.683	13.098	14.00	-0.90



9.5.36. 802.11ac VHT80 MODE IN THE 5.9 GHz BAND

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

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	17.86	18.34	26.32	30.00	-3.68

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	85502, 104463/85502
Test Date:	2024-09-05, 2024-09-23

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

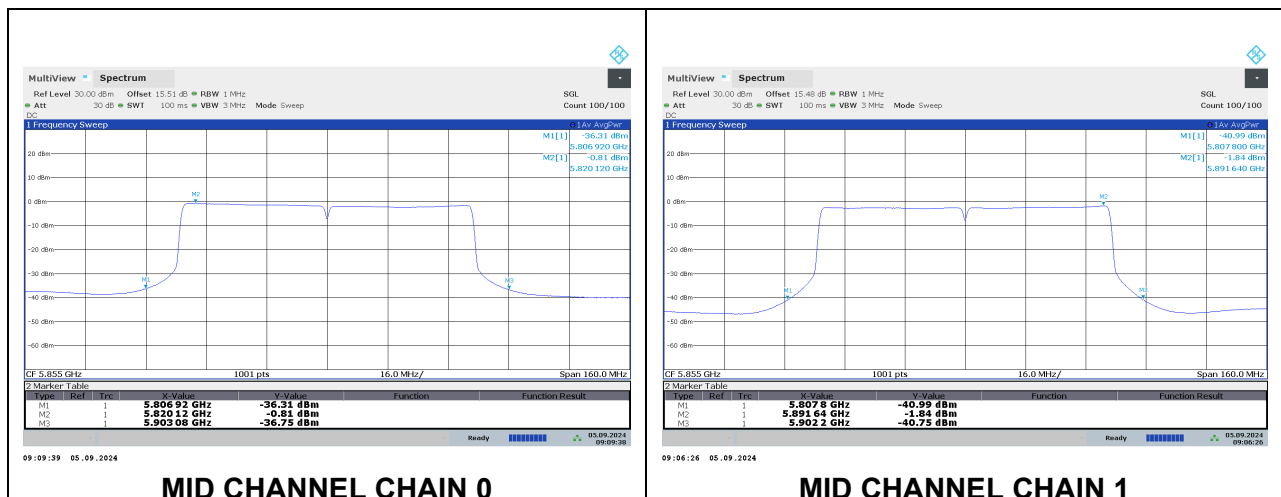
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	17.13	16.45	27.11	30.00	-2.89

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Mid	5855	-0.810	-1.840	12.026	14.00	-1.97



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	85502
Test Date:	2024-09-05

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

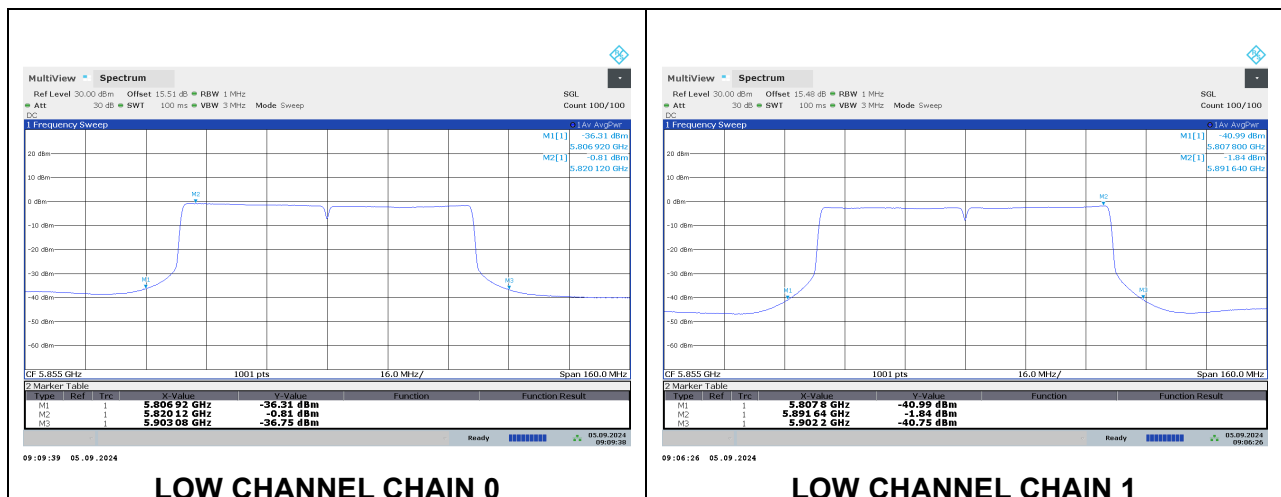
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	14.97	14.42	26.37	30.00	-3.63

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Mid	5855	-0.810	-1.840	13.386	14.00	-0.61



9.5.37. 802.11ac VHT160 MODE IN THE 5.9 GHz BAND

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

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5815	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5815	12.11	11.37	19.97	30.00	-10.03

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5815	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5815	11.52	10.96	21.56	30.00	-8.44

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5815	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5815	8.34	7.67	19.69	30.00	-10.31

9.5.38. 802.11be EHT20 MODE IN THE 5.9 GHz BAND
2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (Low Gain)

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	5.20	8.21	30.00	14.00
Mid	5865	5.20	8.21	30.00	14.00
High	5885	5.20	8.21	30.00	14.00

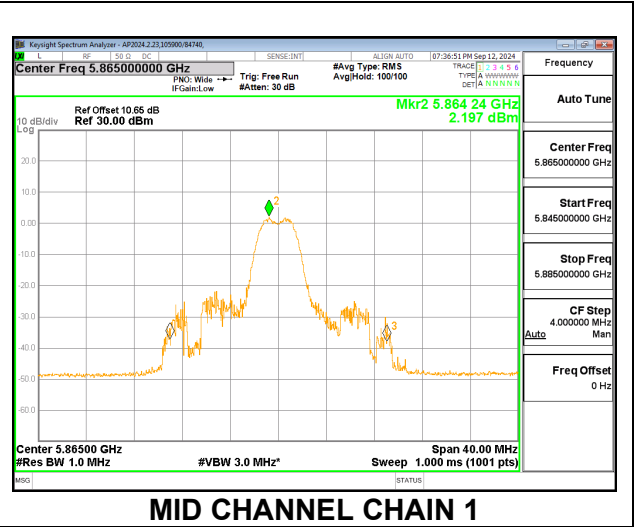
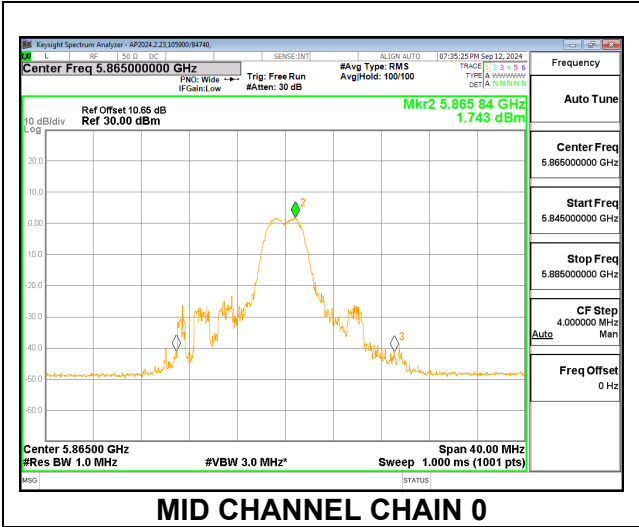
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	7.41	6.58	15.23	30.00	-14.77
Mid	5865	6.86	5.96	14.64	30.00	-15.36
High	5885	7.39	6.48	15.17	30.00	-14.83

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	0.734	0.769	11.972	14.00	-2.03
Mid	5865	1.743	2.197	13.196	14.00	-0.80
High	5885	1.449	0.451	12.199	14.00	-1.80



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (Mid Gain)

Test Engineer:	85502, 104463/85502, 33499/84740
Test Date:	2024-09-06, 2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	7.30	10.31	30.00	14.00
Mid	5865	7.30	10.31	30.00	14.00
High	5885	7.30	10.31	30.00	14.00

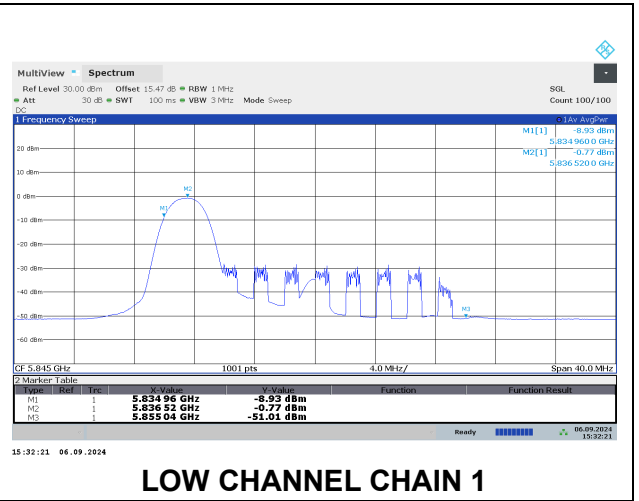
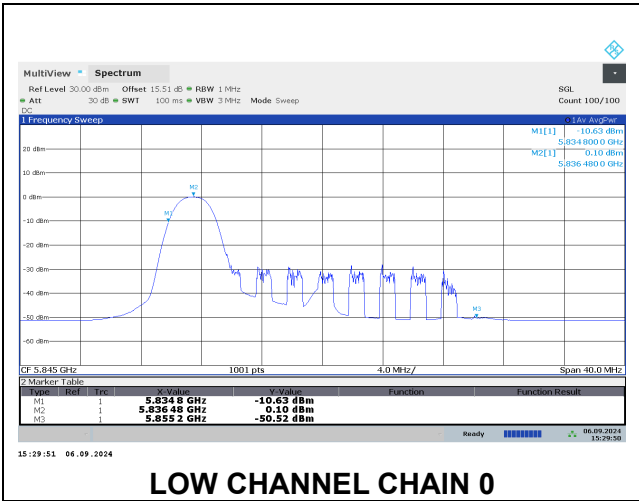
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	4.89	4.01	14.78	30.00	-15.22
Mid	5865	4.92	4.21	14.89	30.00	-15.11
High	5885	4.99	3.99	14.83	30.00	-15.17

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	0.100	-0.770	13.007	14.00	-0.99
Mid	5865	-0.706	-0.522	12.707	14.00	-1.29
High	5885	-0.830	-1.406	12.212	14.00	-1.79



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 26T (High Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	8.66	11.67	30.00	14.00
Mid	5865	8.66	11.67	30.00	14.00
High	5885	8.66	11.67	30.00	14.00

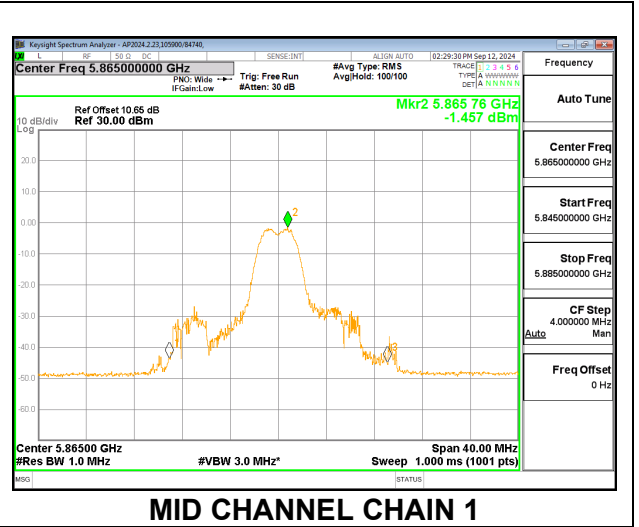
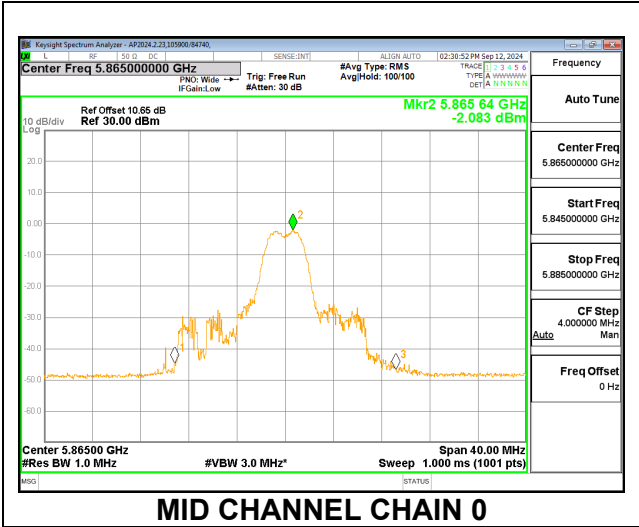
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	3.48	2.49	14.68	30.00	-15.32
Mid	5865	4.05	3.24	15.33	30.00	-14.67
High	5885	3.55	2.45	14.71	30.00	-15.29

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	-1.460	-2.460	12.749	14.00	-1.25
Mid	5865	-2.083	-1.457	12.922	14.00	-1.08
High	5885	-2.117	-2.659	12.301	14.00	-1.70



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (Low Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	5.20	8.21	30.00	14.00
Mid	5865	5.20	8.21	30.00	14.00
High	5885	5.20	8.21	30.00	14.00

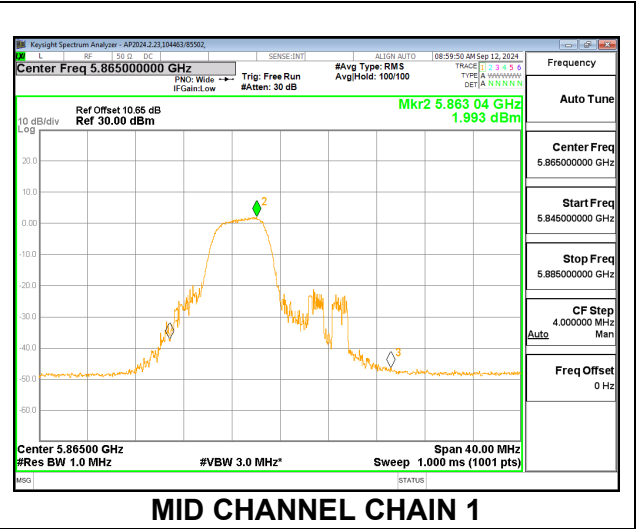
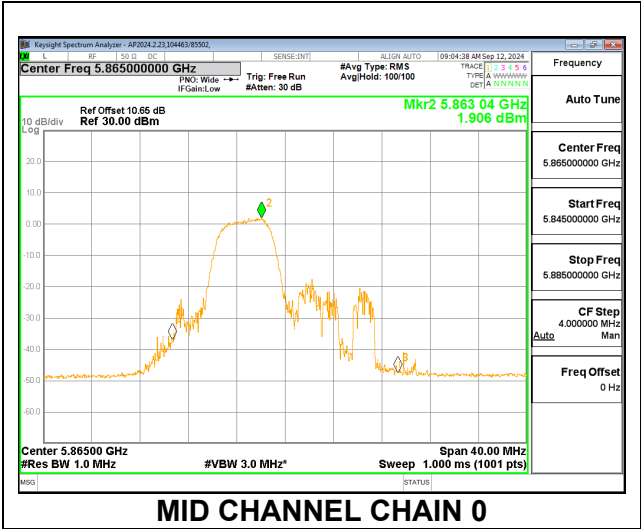
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	9.59	8.73	17.39	30.00	-12.61
Mid	5865	9.84	9.23	17.76	30.00	-12.24
High	5885	9.46	8.77	17.34	30.00	-12.66

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	1.960	1.160	12.799	14.00	-1.20
Mid	5865	1.906	1.993	13.170	14.00	-0.83
High	5885	0.772	0.224	11.727	14.00	-2.27



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (Mid Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	7.30	10.31	30.00	14.00
Mid	5865	7.30	10.31	30.00	14.00
High	5885	7.30	10.31	30.00	14.00

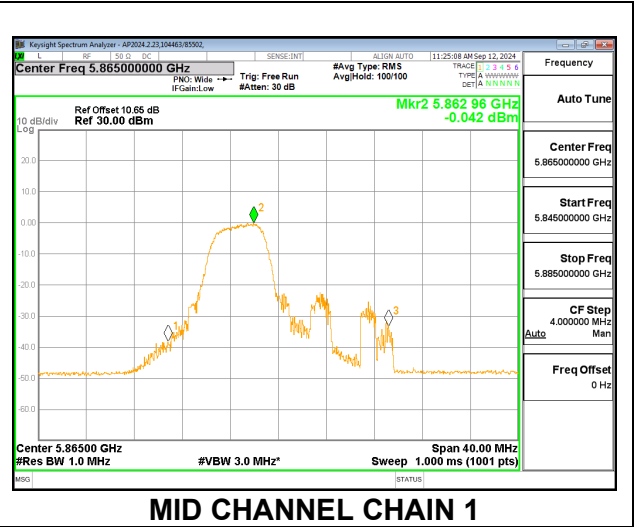
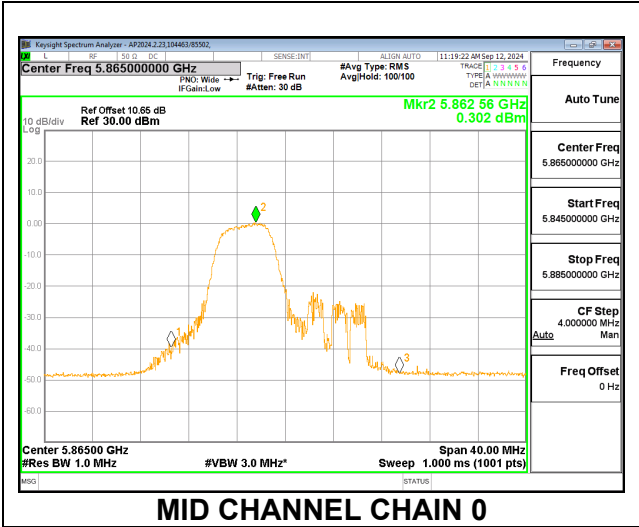
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	8.08	7.26	18.00	30.00	-12.00
Mid	5865	7.09	7.28	17.50	30.00	-12.50
High	5885	7.85	7.10	17.80	30.00	-12.20

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	0.280	-0.430	13.260	14.00	-0.74
Mid	5865	0.302	-0.042	13.454	14.00	-0.55
High	5885	-0.324	-1.119	12.617	14.00	-1.38



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T (High Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	8.66	11.67	30.00	14.00
Mid	5865	8.66	11.67	30.00	14.00
High	5885	8.66	11.67	30.00	14.00

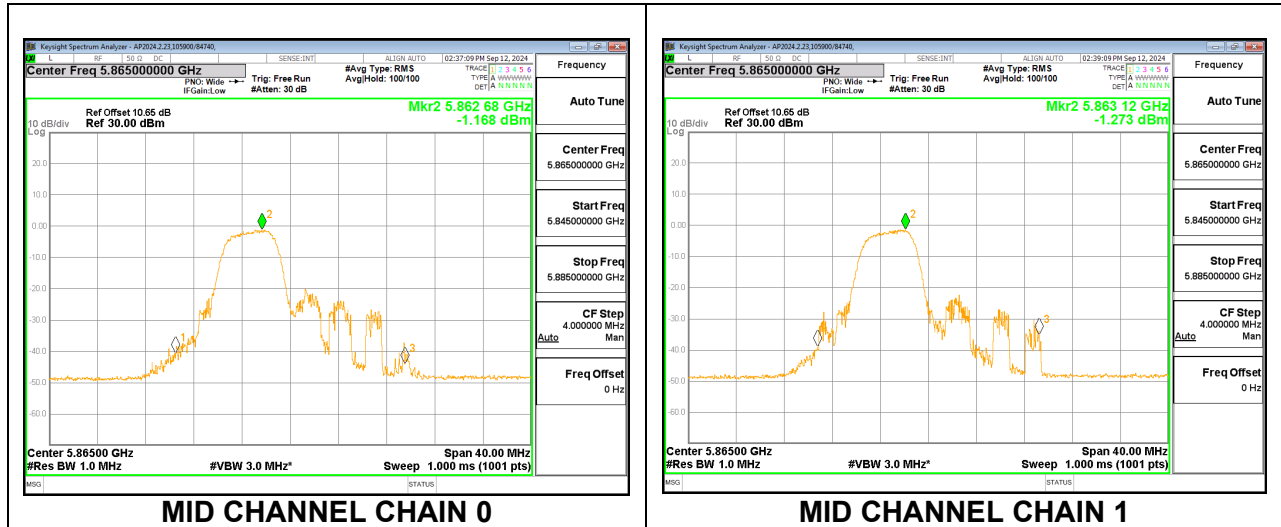
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	6.49	5.35	17.63	30.00	-12.37
Mid	5865	6.95	5.85	18.11	30.00	-11.89
High	5885	6.57	5.71	17.83	30.00	-12.17

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	-1.000	-2.240	13.104	14.00	-0.90
Mid	5865	-1.168	-1.273	13.460	14.00	-0.54
High	5885	-2.825	-2.794	11.871	14.00	-2.13



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T+26T (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	5.20	8.21	30.00	14.00
Mid	5865	5.20	8.21	30.00	14.00
High	5885	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	9.73	9.20	17.68	30.00	-12.32
Mid	5865	9.85	9.10	17.70	30.00	-12.30
High	5885	9.78	9.26	17.74	30.00	-12.26

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T+26T (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	7.30	10.31	30.00	14.00
Mid	5865	7.30	10.31	30.00	14.00
High	5885	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	8.31	7.87	18.41	30.00	-11.59
Mid	5865	7.93	7.21	17.90	30.00	-12.10
High	5885	8.16	7.49	18.15	30.00	-11.85

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 52T+26T (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	8.66	11.67	30.00	14.00
Mid	5865	8.66	11.67	30.00	14.00
High	5885	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	6.70	5.73	17.91	30.00	-12.09
Mid	5865	6.89	5.73	18.02	30.00	-11.98
High	5885	6.81	6.05	18.12	30.00	-11.88

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (Low Gain)

Test Engineer:	105900/84740, 33499/84740
Test Date:	2024-09-06

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	5.20	8.21	30.00	14.00
Mid	5865	5.20	8.21	30.00	14.00
High	5885	5.20	8.21	30.00	14.00

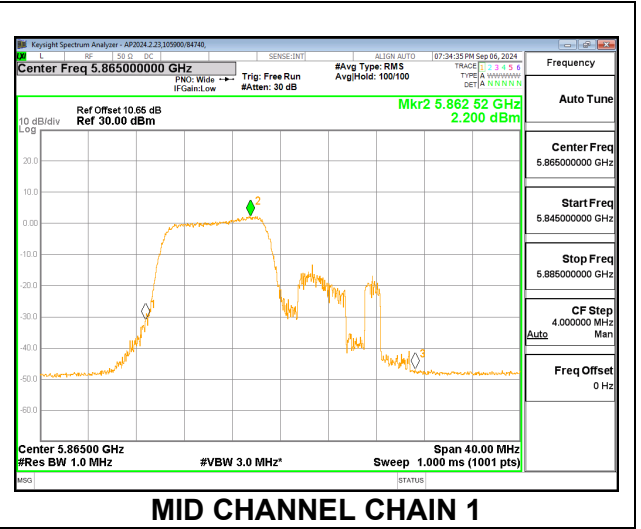
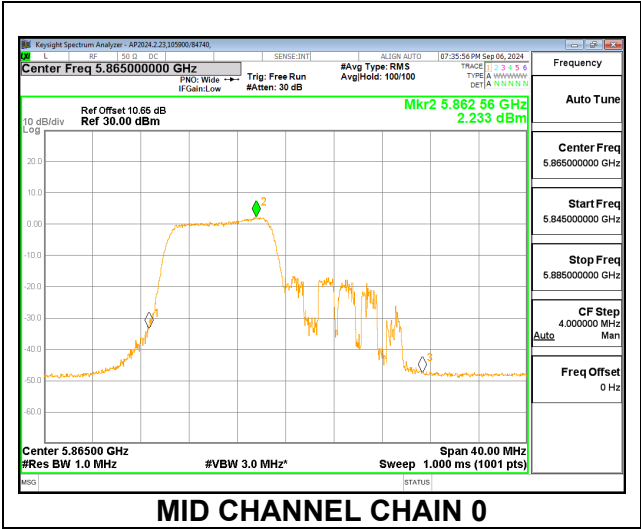
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	12.60	11.88	20.47	30.00	-9.53
Mid	5865	12.62	11.79	20.44	30.00	-9.56
High	5885	12.58	12.01	20.51	30.00	-9.49

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	2.120	1.320	12.959	14.00	-1.04
Mid	5865	2.233	2.200	13.437	14.00	-0.56
High	5885	1.837	2.195	13.240	14.00	-0.76



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (Mid Gain)

Test Engineer:	104463/85502, 105900/84740, 33499/84740
Test Date:	2024-09-06, 2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	7.30	10.31	30.00	14.00
Mid	5865	7.30	10.31	30.00	14.00
High	5885	7.30	10.31	30.00	14.00

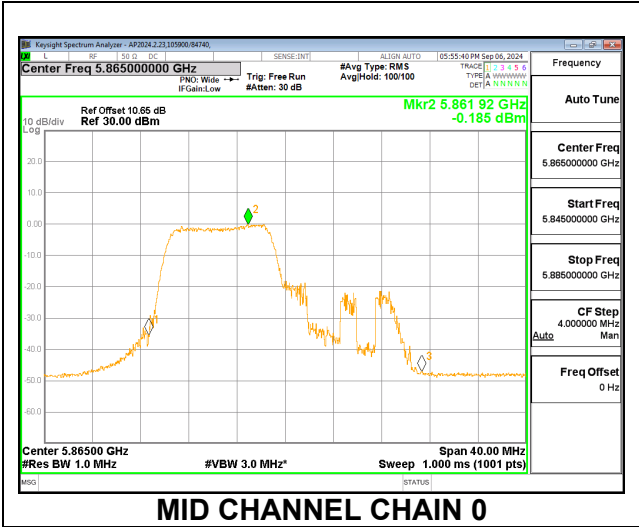
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	10.49	9.87	20.50	30.00	-9.50
Mid	5865	10.59	9.97	20.60	30.00	-9.40
High	5885	10.69	9.99	20.66	30.00	-9.34

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	0.060	-0.500	13.109	14.00	-0.89
Mid	5865	-0.185	0.311	13.390	14.00	-0.61
High	5885	-0.309	-0.016	13.160	14.00	-0.84



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T (High Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	8.66	11.67	30.00	14.00
Mid	5865	8.66	11.67	30.00	14.00
High	5885	8.66	11.67	30.00	14.00

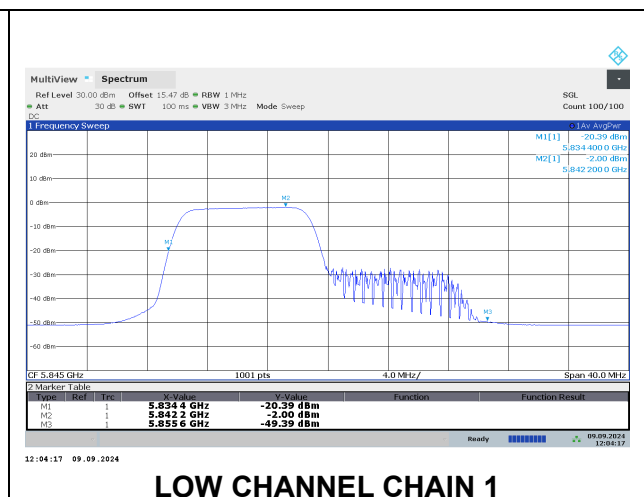
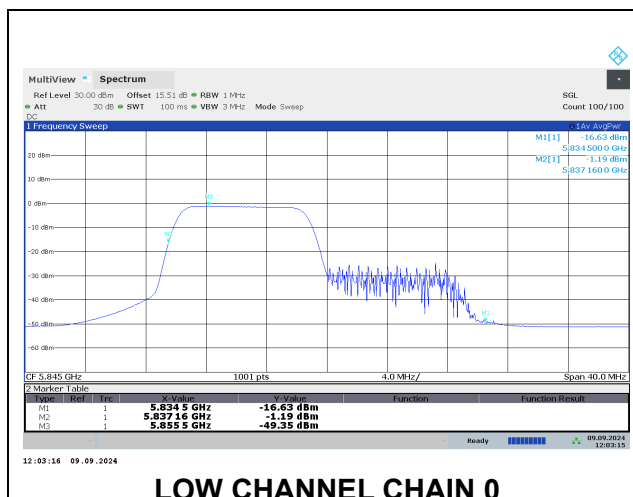
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	9.05	8.43	20.42	30.00	-9.58
Mid	5865	8.50	7.79	19.83	30.00	-10.17
High	5885	8.72	7.91	20.00	30.00	-10.00

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	-1.190	-2.000	13.104	14.00	-0.90
Mid	5865	-2.608	-2.208	12.277	14.00	-1.72
High	5885	-2.436	-2.131	12.399	14.00	-1.60



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T+26T (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	5.20	8.21	30.00	14.00
Mid	5865	5.20	8.21	30.00	14.00
High	5885	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	12.70	12.00	20.57	30.00	-9.43
Mid	5865	12.76	11.84	20.53	30.00	-9.47
High	5885	12.62	11.96	20.51	30.00	-9.49

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T+26T (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	7.30	10.31	30.00	14.00
Mid	5865	7.30	10.31	30.00	14.00
High	5885	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	10.62	10.00	20.63	30.00	-9.37
Mid	5865	10.50	9.86	20.50	30.00	-9.50
High	5885	10.72	10.18	20.77	30.00	-9.23

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 106T+26T (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	8.66	11.67	30.00	14.00
Mid	5865	8.66	11.67	30.00	14.00
High	5885	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	9.14	8.40	20.46	30.00	-9.54
Mid	5865	8.49	7.93	19.89	30.00	-10.11
High	5885	8.72	8.07	20.08	30.00	-9.92

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T (Low Gain)

Test Engineer:	104463/85501, 33499/84740
Test Date:	2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	5.20	8.21	30.00	14.00
Mid	5865	5.20	8.21	30.00	14.00
High	5885	5.20	8.21	30.00	14.00

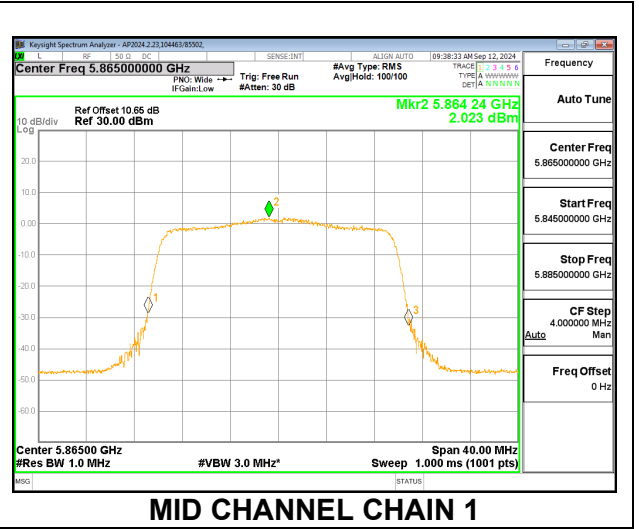
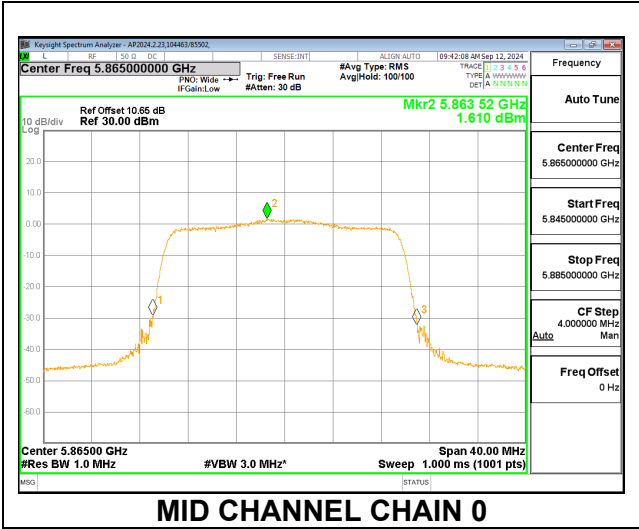
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	15.52	14.99	23.47	30.00	-6.53
Mid	5865	15.11	14.48	23.02	30.00	-6.98
High	5885	15.10	14.32	22.94	30.00	-7.06

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	1.504	1.774	12.861	14.00	-1.14
Mid	5865	1.610	2.023	13.042	14.00	-0.96
High	5885	1.801	1.606	12.925	14.00	-1.08



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T (Mid Gain)

Test Engineer:	85502, 104463/85502, 33499/84740
Test Date:	2024-09-09, 2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	7.30	10.31	30.00	14.00
Mid	5865	7.30	10.31	30.00	14.00
High	5885	7.30	10.31	30.00	14.00

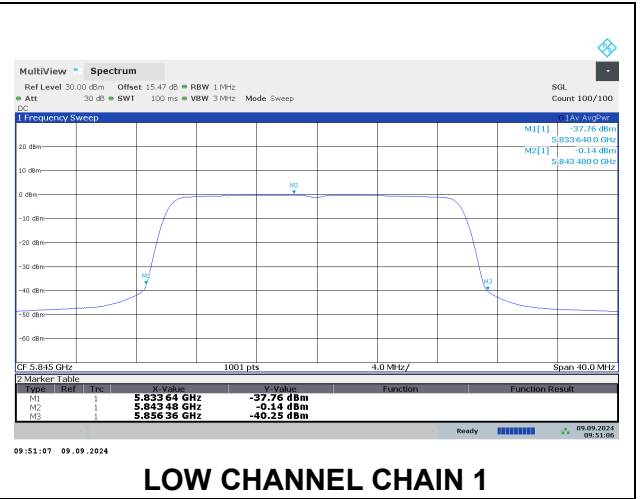
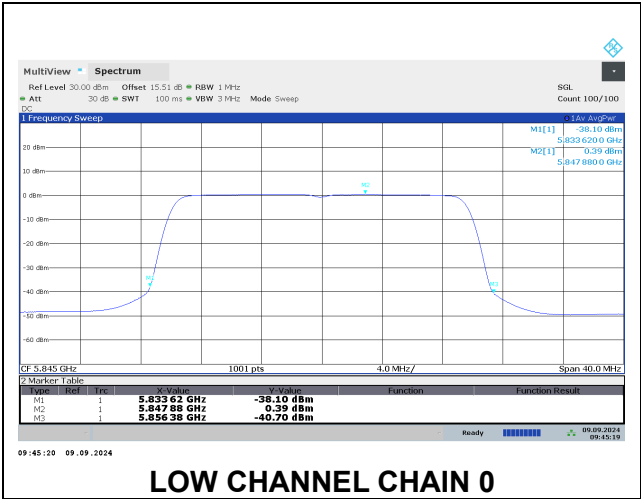
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	14.60	13.66	24.47	30.00	-5.53
Mid	5865	13.00	12.31	22.98	30.00	-7.02
High	5885	13.09	12.46	23.10	30.00	-6.90

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	0.390	-0.140	13.453	14.00	-0.55
Mid	5865	-0.658	-0.188	12.904	14.00	-1.10
High	5885	-0.232	-0.118	13.146	14.00	-0.85



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T (High Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5845	8.66	11.67	30.00	14.00
Mid	5865	8.66	11.67	30.00	14.00
High	5885	8.66	11.67	30.00	14.00

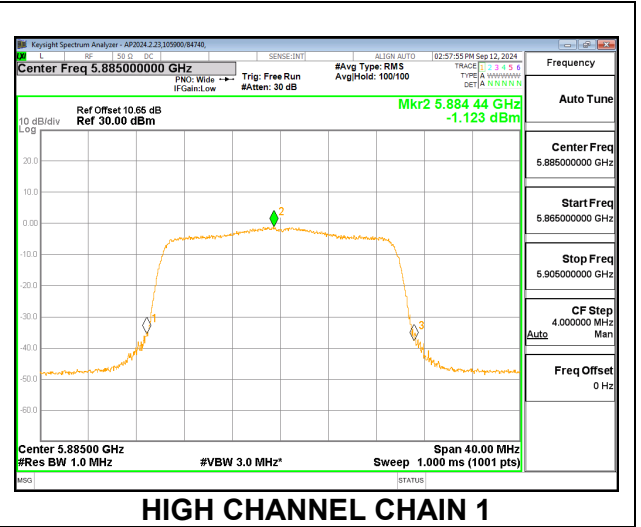
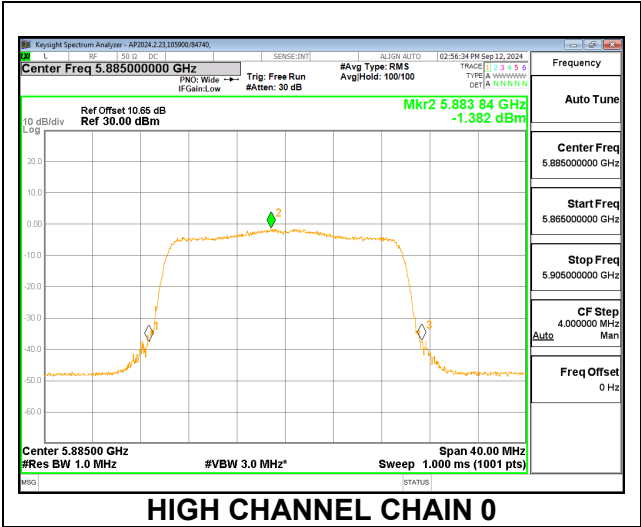
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5845	12.45	11.76	23.79	30.00	-6.21
Mid	5865	12.01	11.26	23.32	30.00	-6.68
High	5885	12.11	11.45	23.46	30.00	-6.54

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5845	-1.440	-2.210	12.872	14.00	-1.13
Mid	5865	-1.670	-1.086	13.312	14.00	-0.69
High	5885	-1.382	-1.123	13.430	14.00	-0.57



9.5.39. 802.11be EHT40 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-08-21, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5835	5.20	8.21	30.00	14.00
High	5875	5.20	8.21	30.00	14.00

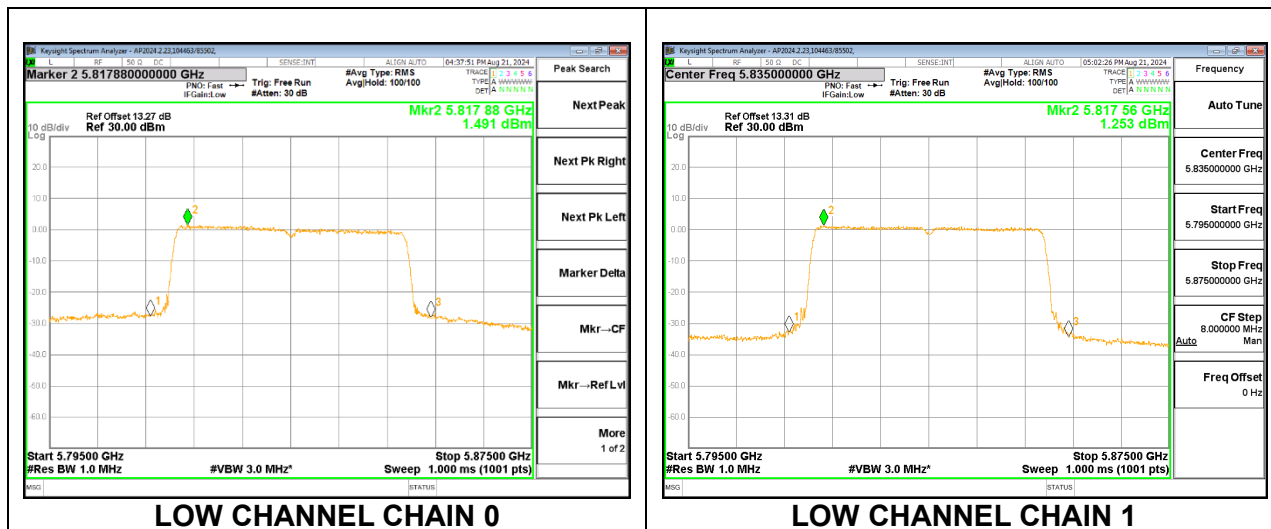
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5835	18.02	18.50	26.48	30.00	-3.52
High	5875	18.07	18.35	26.42	30.00	-3.58

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5835	1.491	1.253	12.594	14.00	-1.41
High	5875	0.899	1.318	12.334	14.00	-1.67



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T (Mid Gain)

Test Engineer:	85502, 104463/85502, 33499/84740
Test Date:	2024-09-09, 2024-09-12, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED	FCC/ISED
				EIRP Limit (dBm)	PSD Limit (dBm/MHz)
Low	5835	7.30	10.31	30.00	14.00
High	5875	7.30	10.31	30.00	14.00

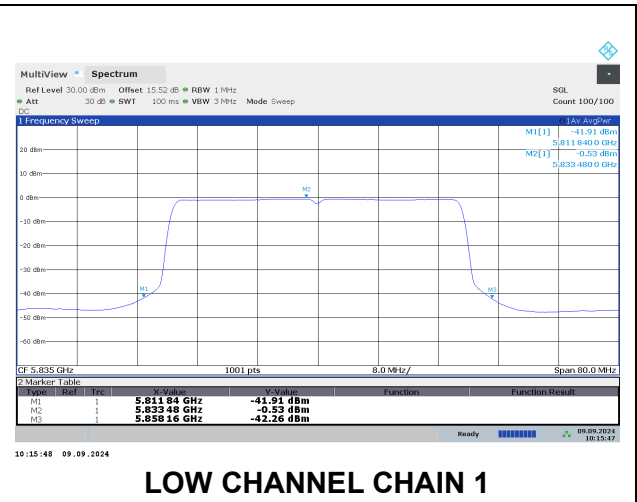
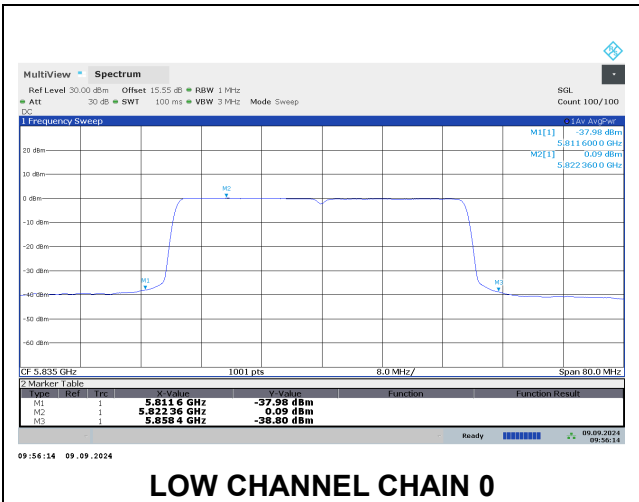
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5835	16.72	17.03	27.19	30.00	-2.81
High	5875	16.86	17.02	27.25	30.00	-2.75

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5835	0.090	-0.530	13.111	14.00	-0.89
High	5875	-0.664	-0.422	12.779	14.00	-1.22



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T (High Gain)

Test Engineer:	85502, 33499/84740
Test Date:	2024-09-06, 2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Low	5835	8.66	11.67	30.00	14.00
High	5875	8.66	11.67	30.00	14.00

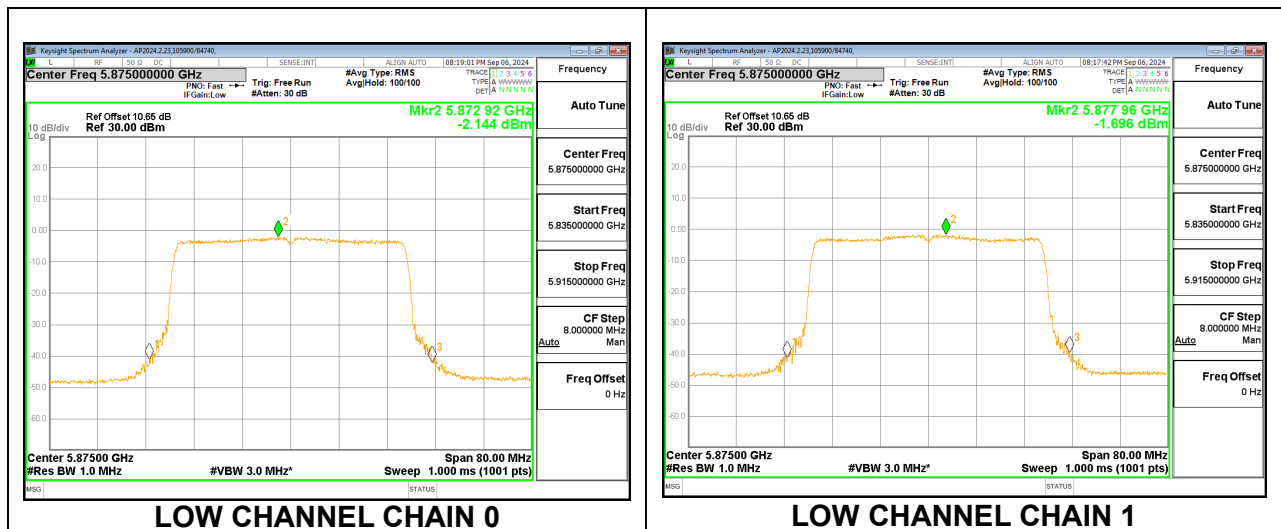
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Low	5835	13.67	12.98	25.01	30.00	-4.99
High	5875	15.15	14.60	26.55	30.00	-3.45

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Low	5835	-2.910	-2.300	12.086	14.00	-1.91
High	5875	-2.144	-1.696	12.766	14.00	-1.23



9.5.40. 802.11be EHT80 MODE IN THE 5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) MRU MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
MRU Low	5855	5.20	8.21	30.00	14.00
MRU High	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
MRU Low	5855	17.96	18.48	26.44	30.00	-3.56
MRU High	5855	17.90	18.34	26.34	30.00	-3.66

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
MRU Low	5855	7.30	10.31	30.00	14.00
MRU High	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
MRU Low	5855	16.83	16.95	27.20	30.00	-2.80
MRU High	5855	16.83	17.08	27.27	30.00	-2.73

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-23

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
MRU Low	5855	8.66	11.67	30.00	14.00
MRU High	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
MRU Low	5855	14.88	13.89	26.08	30.00	-3.92
MRU High	5855	14.97	14.02	26.19	30.00	-3.81

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) PUNCTURED 0x1 MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x8	5855	5.20	8.21	30.00	14.00
0x1	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x8	5855	17.57	17.99	26.00	30.00	-4.00
0x1	5855	17.49	17.99	25.96	30.00	-4.04

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) PUNCTURED 0x1 MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x8	5855	7.30	10.31	30.00	14.00
0x1	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x8	5855	16.18	16.57	26.69	30.00	-3.31
0x1	5855	16.32	16.65	26.80	30.00	-3.20

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (C) PUNCTURED 0x1 MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-23

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x8	5855	8.66	11.67	30.00	14.00
0x1	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x8	5855	14.28	13.37	25.52	30.00	-4.48
0x1	5855	14.17	13.33	25.44	30.00	-4.56

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) MRU MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	18.03	18.49	26.48	30.00	-3.52

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	16.79	17.03	27.22	30.00	-2.78

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-23

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	14.96	13.96	26.16	30.00	-3.84

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) PUNCTURED 0x2 MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	17.54	17.98	25.98	30.00	-4.02

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) PUNCTURED 0x2 MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	16.23	16.55	26.70	30.00	-3.30

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 242T+484T (N) PUNCTURED 0x2 MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-23

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	14.15	13.40	25.46	30.00	-4.54

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	17.98	18.47	26.44	30.00	-3.56

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	16.82	16.94	27.19	30.00	-2.81

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-23

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	14.95	14.17	26.25	30.00	-3.75

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4 MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	17.59	17.98	26.00	30.00	-4.00

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4 MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	16.17	16.47	26.63	30.00	-3.37

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) 484T+242T (N) PUNCTURED 0x4 MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-23

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	14.19	13.32	25.45	30.00	-4.55

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	17.97	18.41	26.41	30.00	-3.59

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (Mid Gain)

Test Engineer:	85502, 33499/84740
Test Date:	2024-09-05, 2024-09-23

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

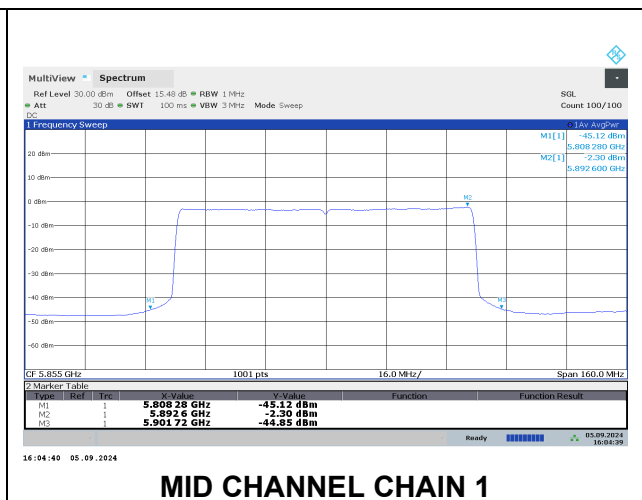
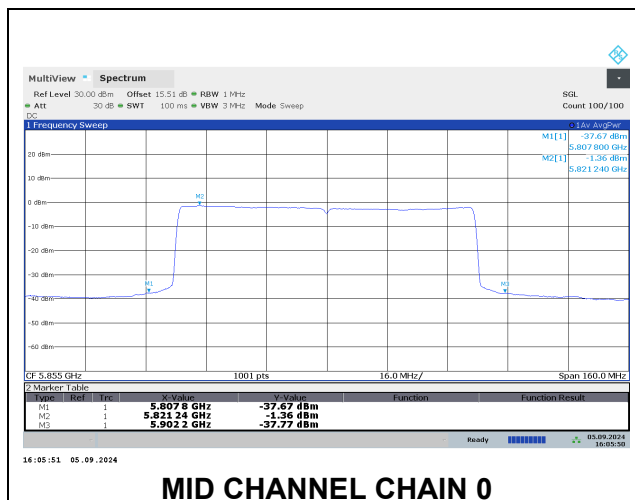
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	18.11	17.52	28.14	30.00	-1.86

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Mid	5855	-1.360	-2.300	11.606	14.00	-2.39



2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T (High Gain)

Test Engineer:	104463/85502, 33499/84740
Test Date:	2024-09-05, 2024-09-23

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

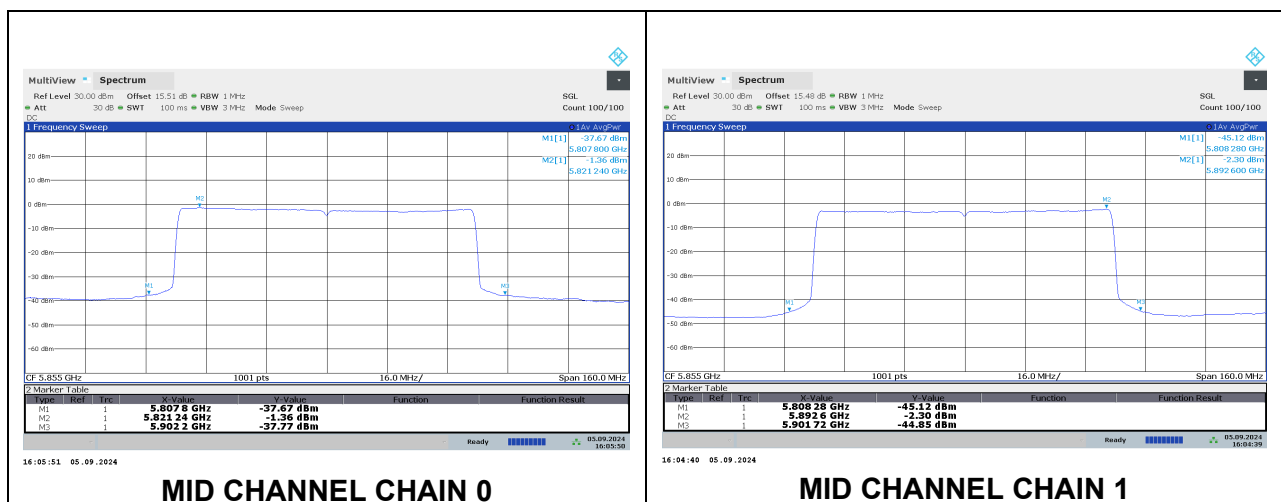
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	15.09	14.39	26.42	30.00	-3.58

PSD Results

Channel	Frequency (MHz)	CHAIN 0 Meas PSD (dBm/MHz)	CHAIN 1 Meas PSD (dBm/MHz)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)	PSD Margin (dB)
Mid	5855	-1.360	-2.300	12.966	14.00	-1.03



9.5.41. 802.11be EHT160 MODE IN THE 5.8/5.9 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) MRU MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
MRU Low	5855	5.20	8.21	30.00	14.00
MRU High	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
MRU Low	5855	10.58	9.94	18.48	30.00	-11.52
MRU High	5855	10.53	9.92	18.45	30.00	-11.55

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
MRU Low	5855	7.30	10.31	30.00	14.00
MRU High	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
MRU Low	5855	10.58	9.94	20.58	30.00	-9.42
MRU High	5855	10.53	9.92	20.55	30.00	-9.45

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
MRU Low	5855	8.66	11.67	30.00	14.00
MRU High	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
MRU Low	5855	10.58	9.94	21.94	30.00	-8.06
MRU High	5855	10.53	9.92	21.91	30.00	-8.09

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) PUNCTURED MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0xC0	5855	5.20	8.21	30.00	14.00
0x03	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0xC0	5855	10.34	9.73	18.26	30.00	-11.74
0x03	5855	10.35	9.54	18.17	30.00	-11.83

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) PUNCTURED
MODE (Mid Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0xC0	5855	7.30	10.31	30.00	14.00
0x03	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0xC0	5855	10.34	9.73	20.36	30.00	-9.64
0x03	5855	10.35	9.54	20.27	30.00	-9.73

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (C) PUNCTURED
MODE (High Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0xC0	5855	8.66	11.67	30.00	14.00
0x03	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0xC0	5855	10.34	9.73	21.72	30.00	-8.28
0x03	5855	10.35	9.54	21.63	30.00	-8.37

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) MRU MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.43	9.98	18.42	30.00	-11.58

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.43	9.98	20.52	30.00	-9.48

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.43	9.98	21.88	30.00	-8.12

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) PUNCTURED 0x0C MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.41	9.69	18.28	30.00	-11.72

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) PUNCTURED 0x0C MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.41	9.69	20.38	30.00	-9.62

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+996T (N) PUNCTURED 0x0C MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.41	9.69	21.74	30.00	-8.26

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) MRU MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.60	9.99	18.52	30.00	-11.48

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) MRU MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.60	9.99	20.62	30.00	-9.38

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) MRU MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.60	9.99	21.98	30.00	-8.02

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) PUNCTURED 0x30 MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.37	9.61	18.22	30.00	-11.78

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) PUNCTURED 0x30 MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.37	9.61	20.32	30.00	-9.68

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T (N) PUNCTURED 0x30 MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.37	9.61	21.68	30.00	-8.32

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (C) PUNCTURED MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x80	5855	5.20	8.21	30.00	14.00
0x01	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x80	5855	10.36	9.74	18.27	30.00	-11.73
0x01	5855	10.34	9.60	18.20	30.00	-11.80

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (C) PUNCTURED MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x80	5855	7.30	10.31	30.00	14.00
0x01	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x80	5855	10.36	9.74	20.37	30.00	-9.63
0x01	5855	10.34	9.60	20.30	30.00	-9.70

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (C) PUNCTURED MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x80	5855	8.66	11.67	30.00	14.00
0x01	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x80	5855	10.36	9.74	21.73	30.00	-8.27
0x01	5855	10.34	9.60	21.66	30.00	-8.34

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T+996T (N) PUNCTURED 0x02 MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.39	9.66	18.25	30.00	-11.75

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T+996T (N) PUNCTURED 0x02 MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.39	9.66	20.35	30.00	-9.65

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 242T+484T+996T (N) PUNCTURED 0x02 MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	10.39	9.66	21.71	30.00	-8.29

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+242T+996T (N) PUNCTURED MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x04	5855	5.20	8.21	30.00	14.00
0x08	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x04	5855	10.35	9.71	18.25	30.00	-11.75
0x08	5855	10.33	9.70	18.24	30.00	-11.76

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+242T+996T (N) PUNCTURED MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x04	5855	7.30	10.31	30.00	14.00
0x08	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x04	5855	10.35	9.71	20.35	30.00	-9.65
0x08	5855	10.33	9.70	20.34	30.00	-9.66

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 484T+242T+996T (N) PUNCTURED MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x04	5855	8.66	11.67	30.00	14.00
0x08	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x04	5855	10.35	9.71	21.71	30.00	-8.29
0x08	5855	10.33	9.70	21.70	30.00	-8.30

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+242T+484T (N) PUNCTURED MODE (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x10	5855	5.20	8.21	30.00	14.00
0x20	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x10	5855	10.45	9.70	18.30	30.00	-11.70
0x20	5855	10.37	9.76	18.29	30.00	-11.71

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+242T+484T (N) PUNCTURED MODE (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x10	5855	7.30	10.31	30.00	14.00
0x20	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x10	5855	10.45	9.70	20.40	30.00	-9.60
0x20	5855	10.37	9.76	20.39	30.00	-9.61

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+242T+484T (N) PUNCTURED MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x10	5855	8.66	11.67	30.00	14.00
0x20	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x10	5855	10.45	9.70	21.76	30.00	-8.24
0x20	5855	10.37	9.76	21.75	30.00	-8.25

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (N) PUNCTURED
0x40 MODE (Low Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x40	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x40	5855	10.38	9.65	18.24	30.00	-11.76

**2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (N) PUNCTURED
0x40 MODE (Mid Gain)**

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x40	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x40	5855	10.38	9.65	20.34	30.00	-9.66

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 996T+484T+242T (N) PUNCTURED 0x40 MODE (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
0x40	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
0x40	5855	10.38	9.65	21.70	30.00	-8.30

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 2*996T (Low Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	5.20	8.21	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	14.60	14.00	22.52	30.00	-7.48

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 2*996T (Mid Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	7.30	10.31	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	14.60	14.00	24.62	30.00	-5.38

2TX CHAIN 0 + CHAIN 1 CDD MODE (FCC+IC) – 2*996T (High Gain)

Test Engineer:	33499/84740
Test Date:	2024-09-20

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED EIRP Limit (dBm)	FCC/ISED PSD Limit (dBm/MHz)
Mid	5855	8.66	11.67	30.00	14.00

Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	EIRP Limit (dBm)	Power Margin (dB)
Mid	5855	14.60	14.00	25.98	30.00	-4.02

9.6. TRANSMIT POWER CONTROL (TPC)

LIMITS

FCC §15.407

Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

IC RSS-247

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.

DIRECTIONAL CHAIN GAIN

The TX chains are uncorrelated and the CHAIN gain is unequal among the chains. The directional gain is:

Antenna	Chain 0 Antenna Gain (dBi)	Chain 1 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
Low Gain	5.2	5.2	5.20
Mid Gain	7.3	7.3	7.30
High Gain	8.66	8.66	8.66

MRU modes are tested to cover channel punctured modes. This is because channel punctured modes have a power backoff as opposed to the corresponding MRU mode; therefore, MRU modes are considered worst-case in all examples.

Note: Not all modes EIRP exceeded the 500 mW limit that requires further TPC testing. The modes that did exceed the 500 mW limit, and therefore were tested for TPC are as follows:

Low Gain:

5.3 GHz Band: 11a, HT20, HT40

5.6 GHz Band: 11a, HT20/40 VHT80, EHT20 242T, EHT40, EHT80

Mid Gain:

5.3 GHz Band: 11a, HT20/40, EHT20 242T

5.6 GHz Band: 11a, HT20/40, VHT80, EHT20 242T, EHT40, EHT80

High Gain:

5.3 GHz Band: 11a, HT20/40, EHT20 242T, EHT40, EHT80

5.6 GHz Band: 11a, HT20/40, VHT80, EHT20 242T, EHT40, EHT80

Testing was performed by the following technicians on the following dates:

5.3 TPC Low Gain:

Tester ID: 33499/84740

Date: 2024-08-22

5.3 TPC Mid Gain:

Tester ID: 33499/84740

Date: 2024-09-17

5.3 TPC High Gain:

Tester ID: 33499/84740

Date: 2024-09-17

5.6 TPC Low Gain:

Tester ID: 33499/84740

Date: 2024-08-23

5.6 TPC Mid Gain:

Tester ID: 33499/84740

Date: 2024-09-18

5.6 TPC High Gain:

Tester ID: 33499/84740

Date: 2024-09-18

9.6.1. 802.11a MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5260	24	5.20	18.80
Mid	5300	24	5.20	18.80
High	5320	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5260	13.48	13.33	16.42	18.80	-2.38
Mid	5300	13.43	13.11	16.28	18.80	-2.52
High	5320	12.60	12.14	15.39	18.80	-3.41

2TX CHAIN 0 + CHAIN 1 CDD MODE (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5260	24	7.30	16.70
Mid	5300	24	7.30	16.70
High	5320	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5260	11.32	10.87	14.11	16.70	-2.59
Mid	5300	11.11	10.20	13.69	16.70	-3.01
High	5320	11.29	10.72	14.02	16.70	-2.68

2TX CHAIN 0 + CHAIN 1 CDD MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5260	24	8.66	15.34
Mid	5300	24	8.66	15.34
High	5320	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5260	11.63	10.75	14.22	15.34	-1.12
Mid	5300	11.51	10.61	14.09	15.34	-1.25
High	5320	11.61	10.56	14.13	15.34	-1.21

9.6.2. 802.11n HT20 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5260	24	5.20	18.80
Mid	5300	24	5.20	18.80
High	5320	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5260	13.54	13.22	16.39	18.80	-2.41
Mid	5300	13.36	13.02	16.20	18.80	-2.60
High	5320	12.20	11.57	14.91	18.80	-3.89

2TX CHAIN 0 + CHAIN 1 CDD MODE (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5260	24	7.30	16.70
Mid	5300	24	7.30	16.70
High	5320	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5260	10.91	10.37	13.66	16.70	-3.04
Mid	5300	10.48	9.93	13.22	16.70	-3.48
High	5320	10.75	10.37	13.57	16.70	-3.13

2TX CHAIN 0 + CHAIN 1 CDD MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5260	24	8.66	15.34
Mid	5300	24	8.66	15.34
High	5320	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5260	11.47	10.70	14.11	15.34	-1.23
Mid	5300	11.41	10.66	14.06	15.34	-1.28
High	5320	11.38	10.52	13.98	15.34	-1.36

9.6.3. 802.11n HT40 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5270	24	5.20	18.80
High	5310	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5270	13.44	13.28	16.37	18.80	-2.43
High	5310	10.03	9.34	12.71	18.80	-6.09

2TX CHAIN 0 + CHAIN 1 CDD MODE (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5270	24	7.30	16.70
High	5310	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5270	12.22	12.01	15.13	16.70	-1.57
High	5310	9.15	8.28	11.75	16.70	-4.95

2TX CHAIN 0 + CHAIN 1 CDD MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5270	24	8.66	15.34
High	5310	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5270	10.90	10.35	13.64	15.34	-1.70
High	5310	10.19	9.39	12.82	15.34	-2.52

9.6.4. 802.11be EHT20 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5260	24	7.30	16.70
Mid	5300	24	7.30	16.70
High	5320	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5260	11.34	10.59	13.99	16.70	-2.71
Mid	5300	11.13	10.24	13.72	16.70	-2.98
High	5320	11.43	10.64	14.06	16.70	-2.64

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5260	24	8.66	15.34
Mid	5300	24	8.66	15.34
High	5320	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5260	11.45	10.69	14.10	15.34	-1.24
Mid	5300	11.40	10.52	13.99	15.34	-1.35
High	5320	11.38	10.56	14.00	15.34	-1.34

9.6.5. 802.11be EHT40 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5270	24	8.66	15.34
High	5310	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5270	11.84	11.22	14.55	15.34	-0.79
High	5310	10.06	9.32	12.72	15.34	-2.62

9.6.6. 802.11be EHT80 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+242T (C) (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Mid	5290	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Mid	5290	11.88	11.05	14.50	15.34	-0.84

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T+484T (N) (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Mid	5290	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Mid	5290	11.99	11.02	14.54	15.34	-0.80

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+242T (N) (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Mid	5290	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Mid	5290	11.94	11.11	14.56	15.34	-0.78

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Mid	5290	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Mid	5290	9.06	8.05	11.59	15.34	-3.75

9.6.7. 802.11a MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5500	24	5.20	18.80
Mid	5580	24	5.20	18.80
High	5700	24	5.20	18.80
144	5720	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5500	14.22	13.49	16.88	18.80	-1.92
Mid	5580	14.32	13.43	16.91	18.80	-1.89
High	5700	14.09	13.07	16.62	18.80	-2.18
144	5720	14.16	13.05	16.65	18.80	-2.15

2TX CHAIN 0 + CHAIN 1 CDD MODE (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5500	24	7.30	16.70
Mid	5580	24	7.30	16.70
High	5700	24	7.30	16.70
144	5720	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5500	12.35	11.32	14.88	16.70	-1.82
Mid	5580	11.93	10.77	14.40	16.70	-2.30
High	5700	12.10	11.02	14.60	16.70	-2.10
144	5720	13.21	11.96	15.64	16.70	-1.06

2TX CHAIN 0 + CHAIN 1 CDD MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5500	24	8.66	15.34
Mid	5580	24	8.66	15.34
High	5700	24	8.66	15.34
144	5720	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5500	11.40	10.35	13.92	15.34	-1.42
Mid	5580	11.31	10.39	13.88	15.34	-1.46
High	5700	10.98	10.15	13.60	15.34	-1.74
144	5720	10.93	9.87	13.44	15.34	-1.90

9.6.8. 802.11n HT20 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5500	24	5.20	18.80
Mid	5580	24	5.20	18.80
High	5700	24	5.20	18.80
144	5720	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5500	14.19	13.50	16.87	18.80	-1.93
Mid	5580	14.34	13.38	16.90	18.80	-1.90
High	5700	14.09	13.14	16.65	18.80	-2.15
144	5720	14.19	13.05	16.67	18.80	-2.13

2TX CHAIN 0 + CHAIN 1 CDD MODE (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5500	24	7.30	16.70
Mid	5580	24	7.30	16.70
High	5700	24	7.30	16.70
144	5720	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5500	12.31	11.37	14.88	16.70	-1.82
Mid	5580	11.81	10.73	14.31	16.70	-2.39
High	5700	12.89	11.13	15.11	16.70	-1.59
144	5720	13.07	11.99	15.57	16.70	-1.13

2TX CHAIN 0 + CHAIN 1 CDD MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5500	24	8.66	15.34
Mid	5580	24	8.66	15.34
High	5700	24	8.66	15.34
144	5720	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5500	11.27	10.30	13.82	15.34	-1.52
Mid	5580	11.26	10.38	13.85	15.34	-1.49
High	5700	10.98	10.07	13.56	15.34	-1.78
144	5720	10.87	10.03	13.48	15.34	-1.86

9.6.9. 802.11n HT40 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5510	24	5.20	18.80
Mid	5550	24	5.20	18.80
High	5670	24	5.20	18.80
142	5710	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5510	12.32	11.33	14.86	18.80	-3.94
Mid	5550	14.91	14.12	17.54	18.80	-1.26
High	5670	14.70	13.86	17.31	18.80	-1.49
142	5710	12.41	11.64	15.05	18.80	-3.75

2TX CHAIN 0 + CHAIN 1 CDD MODE (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5510	24	7.30	16.70
Mid	5550	24	7.30	16.70
High	5670	24	7.30	16.70
142	5710	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5510	11.76	10.76	14.30	16.70	-2.40
Mid	5550	12.96	12.55	15.77	16.70	-0.93
High	5670	13.12	12.32	15.75	16.70	-0.95
142	5710	12.41	11.64	15.05	16.70	-1.65

2TX CHAIN 0 + CHAIN 1 CDD MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5510	24	8.66	15.34
Mid	5550	24	8.66	15.34
High	5670	24	8.66	15.34
142	5710	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5510	9.85	8.86	12.39	15.34	-2.95
Mid	5550	11.51	11.16	14.35	15.34	-0.99
High	5670	11.38	10.75	14.09	15.34	-1.25
142	5710	11.82	10.62	14.27	15.34	-1.07

9.6.10. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE (Low Gain)

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	5.20	18.80
High	5610	24	5.20	18.80
138	5690	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	12.86	11.81	15.38	18.80	-3.42
High	5610	15.24	14.51	17.90	18.80	-0.90
138	5690	14.93	14.12	17.55	18.80	-1.25

2TX CHAIN 0 + CHAIN 1 CDD MODE (Mid Gain)

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	7.30	16.70
High	5610	24	7.30	16.70
138	5690	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	13.02	12.49	15.77	16.70	-0.93
High	5610	13.08	12.39	15.76	16.70	-0.94
138	5690	12.87	12.19	15.55	16.70	-1.15

2TX CHAIN 0 + CHAIN 1 CDD MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	8.66	15.34
High	5610	24	8.66	15.34
138	5690	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	8.86	7.70	11.33	15.34	-4.01
High	5610	11.83	10.67	14.30	15.34	-1.04
138	5690	11.41	10.53	14.00	15.34	-1.34

9.6.11. 802.11be EHT20 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5500	24	5.20	18.80
Mid	5580	24	5.20	18.80
High	5700	24	5.20	18.80
144	5720	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5500	14.09	13.42	16.78	18.80	-2.02
Mid	5580	14.30	13.36	16.87	18.80	-1.93
High	5700	14.07	13.10	16.62	18.80	-2.18
144	5720	14.13	13.00	16.61	18.80	-2.19

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5500	24	7.30	16.70
Mid	5580	24	7.30	16.70
High	5700	24	7.30	16.70
144	5720	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5500	12.77	11.83	15.34	16.70	-1.36
Mid	5580	12.32	11.24	14.82	16.70	-1.88
High	5700	12.44	11.61	15.06	16.70	-1.64
144	5720	13.11	12.05	15.62	16.70	-1.08

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5500	24	8.66	15.34
Mid	5580	24	8.66	15.34
High	5700	24	8.66	15.34
144	5720	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5500	11.30	10.35	13.86	15.34	-1.48
Mid	5580	11.30	10.33	13.85	15.34	-1.49
High	5700	10.89	10.15	13.55	15.34	-1.79
144	5720	10.77	9.94	13.39	15.34	-1.95

9.6.12. 802.11be EHT40 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5510	24	5.20	18.80
Mid	5550	24	5.20	18.80
High	5670	24	5.20	18.80
138	5710	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5510	11.79	10.87	14.36	18.80	-4.44
Mid	5550	15.32	14.53	17.95	18.80	-0.85
High	5670	15.16	14.30	17.76	18.80	-1.04
138	5710	12.32	11.63	15.00	18.80	-3.80

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5510	24	7.30	16.70
Mid	5550	24	7.30	16.70
Mid	5590	24	7.30	16.70
High	5670	24	7.30	16.70
138	5710	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5510	10.42	9.23	12.88	16.70	-3.82
Mid	5550	13.07	12.63	15.87	16.70	-0.83
Mid	5590	13.25	12.45	15.88	16.70	-0.82
High	5670	12.90	12.35	15.64	16.70	-1.06
138	5710	13.00	12.17	15.62	16.70	-1.08

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5510	24	8.66	15.34
Mid	5550	24	8.66	15.34
Mid	5590	24	8.66	15.34
High	5630	24	8.66	15.34
High	5670	24	8.66	15.34
138	5710	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5510	9.73	8.92	12.35	15.34	-2.99
Mid	5550	11.62	11.27	14.46	15.34	-0.88
Mid	5590	11.49	10.84	14.19	15.34	-1.15
High	5630	11.43	10.95	14.21	15.34	-1.13
High	5670	11.37	10.75	14.08	15.34	-1.26
138	5710	11.18	10.61	13.91	15.34	-1.43

9.6.13. 802.11be EHT80 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T + 242T (C) MRU LOW MODE (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	5.20	18.80
High	5610	24	5.20	18.80
138	5690	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	12.10	11.06	14.62	18.80	-4.18
High	5610	13.98	12.87	16.47	18.80	-2.33
138	5690	15.24	14.23	17.77	18.80	-1.03

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T + 242T (C) MRU LOW MODE (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	7.30	16.70
High	5610	24	7.30	16.70
138	5690	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	10.62	9.29	13.02	16.70	-3.68
High	5610	13.48	12.34	15.96	16.70	-0.74
138	5690	12.91	12.24	15.60	16.70	-1.10

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T + 242T (C) MRU LOW MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	8.66	15.34
High	5610	24	8.66	15.34
138	5690	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	9.79	8.99	12.42	15.34	-2.92
High	5610	11.58	10.80	14.22	15.34	-1.12
138	5690	11.37	10.67	14.04	15.34	-1.30

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T + 242T (C) MRU HIGH MODE (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	5.20	18.80
High	5610	24	5.20	18.80
138	5690	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	12.09	11.02	14.60	18.80	-4.20
High	5610	13.96	12.92	16.48	18.80	-2.32
138	5690	15.22	14.22	17.76	18.80	-1.04

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T + 242T (C) MRU HIGH MODE (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	7.30	16.70
High	5610	24	7.30	16.70
138	5690	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	10.62	9.29	13.02	16.70	-3.68
High	5610	13.48	12.34	15.96	16.70	-0.74
138	5690	12.84	12.20	15.54	16.70	-1.16

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T + 242T (C) MRU HIGH MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	8.66	15.34
High	5610	24	8.66	15.34
138	5690	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	9.79	8.99	12.42	15.34	-2.92
High	5610	11.58	10.80	14.22	15.34	-1.12
138	5690	11.26	10.69	13.99	15.34	-1.35

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T+484T (N) MRU MODE (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	5.20	18.80
High	5610	24	5.20	18.80
138	5690	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	12.01	11.07	14.58	18.80	-4.22
High	5610	13.98	12.83	16.45	18.80	-2.35
138	5690	15.24	14.26	17.79	18.80	-1.01

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T+484T (N) MRU MODE (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	7.30	16.70
High	5610	24	7.30	16.70
138	5690	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	10.52	9.22	12.93	16.70	-3.77
High	5610	13.35	12.34	15.88	16.70	-0.82
138	5690	12.83	11.16	15.09	16.70	-1.61

2TX CHAIN 0 + CHAIN 1 CDD MODE – 242T+484T (N) MRU MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	8.66	15.34
High	5610	24	8.66	15.34
138	5690	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	9.89	8.83	12.40	15.34	-2.94
High	5610	11.58	10.91	14.27	15.34	-1.07
138	5690	11.39	10.69	14.06	15.34	-1.28

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+242T (N) MRU MODE (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	5.20	18.80
High	5610	24	5.20	18.80
138	5690	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	11.96	11.05	14.54	18.80	-4.26
High	5610	13.95	12.89	16.46	18.80	-2.34
138	5690	15.24	14.24	17.78	18.80	-1.02

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+242T (N) MRU MODE (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	7.30	16.70
High	5610	24	7.30	16.70
138	5690	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	10.61	9.29	13.01	16.70	-3.69
High	5610	13.42	12.25	15.88	16.70	-0.82
138	5690	12.83	12.16	15.52	16.70	-1.18

2TX CHAIN 0 + CHAIN 1 CDD MODE – 484T+242T (N) MRU MODE (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	8.66	15.34
High	5610	24	8.66	15.34
138	5690	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	9.84	9.84	8.88	15.34	-6.46
High	5610	11.69	10.87	14.31	15.34	-1.03
138	5690	11.35	10.69	14.04	15.34	-1.30

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T (Low Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	5.20	18.80
High	5610	24	5.20	18.80
138	5690	24	5.20	18.80

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	6.08	4.94	8.56	18.80	-10.24
High	5610	14.24	13.34	16.82	18.80	-1.98
138	5690	15.06	14.07	17.60	18.80	-1.20

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T (Mid Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	7.30	16.70
High	5610	24	7.30	16.70
138	5690	24	7.30	16.70

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	5.52	4.45	8.03	16.70	-8.67
High	5610	13.11	12.34	15.75	16.70	-0.95
138	5690	12.77	12.22	15.51	16.70	-1.19

2TX CHAIN 0 + CHAIN 1 CDD MODE – 996T (High Gain)

TPC Limits

Channel	Frequency (MHz)	Limit EIRP (dBm)	Directional Gain (dBi)	Limit Cond (dBm)
Low	5530	24	8.66	15.34
High	5610	24	8.66	15.34
138	5690	24	8.66	15.34

TPC Output Power Results

Channel	Frequency (MHz)	CHAIN 0 Meas Power (dBm)	CHAIN 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Cond Power Limit (dBm)	Margin (dB)
Low	5530	4.44	3.35	6.94	15.34	-8.40
High	5610	11.84	10.69	14.31	15.34	-1.03
138	5690	11.35	10.64	14.02	15.34	-1.32

10. UNWANTED EMISSIONS LIMITS

FCC §15.205 and §15.209 - Restricted bands
FCC §15.407(b)(1-5) - Unrestricted bands

RSS 247 Issue 3 Sections

6.2.1.2 (for 5150-5250 MHz band)

6.2.2.2 (for 5250-5350 MHz band)

6.2.3.2 (for 5470-5600 MHz and 5650-5725 MHz bands)

6.2.4.2 (for 5725-5850 MHz band)

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3MHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

Note: Where applicable, some bandedge average measurements were integrated over 1MHz using lower RBW as allowed in FCC §15.407 (b)(8)

The spectrum from 9kHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

3D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel).

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

KDB 414788 Open Field Site (OFS) and Chamber Correlation Justification

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

Restricted bandedge testing was performed using a conducted setup per C63.10 12.4.2 and KDB 789033 II.G.3.b. A per-chain plot was included once per mode as a representative plot showing the analyzer settings; however, each bandedge measurement performed has included the summed data plot that is then used to measure compliance.

Bandedge testing was performed by the following technicians on the following days:

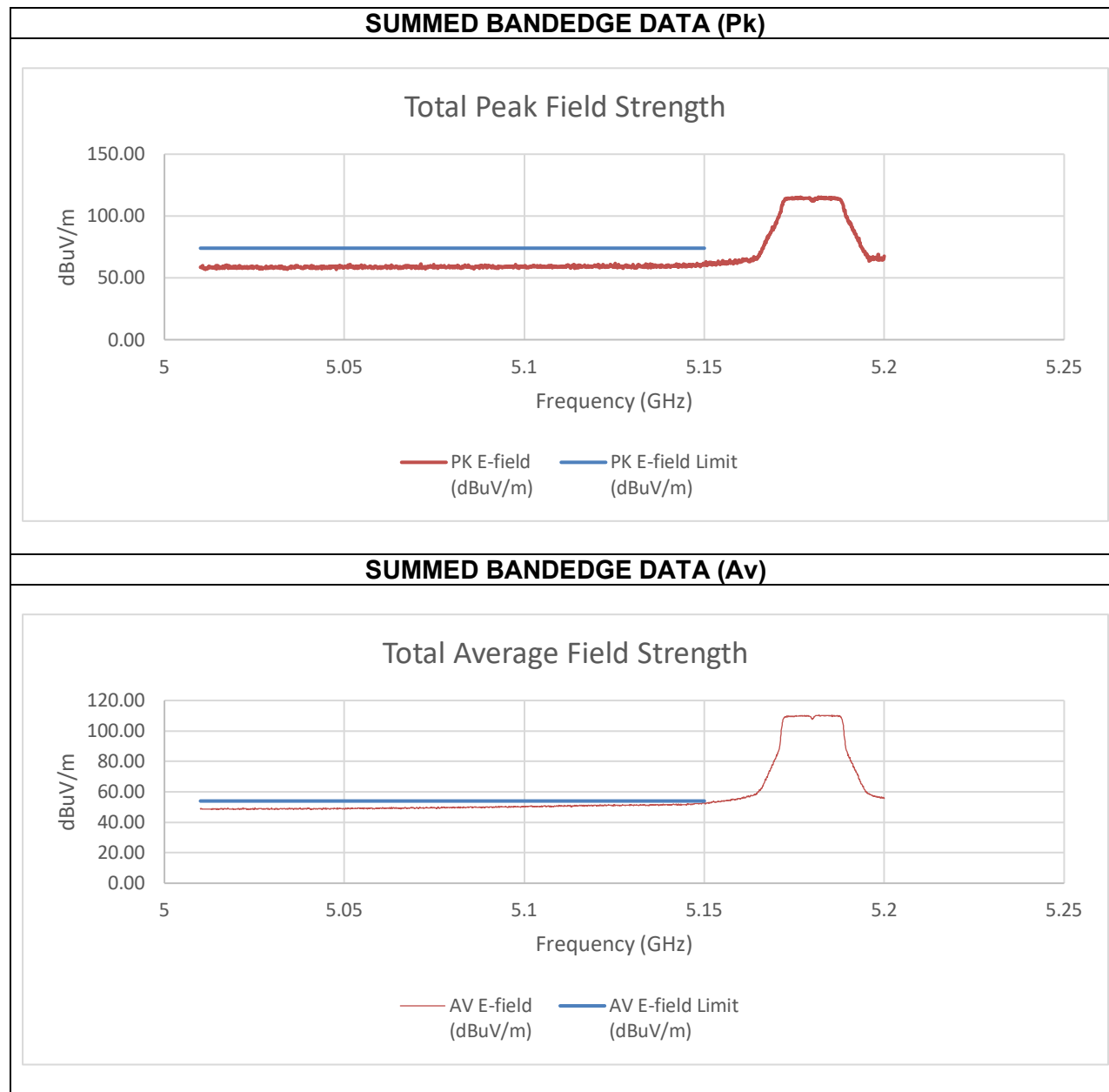
Tester IDs: 85502, 84740, 104463/85502, 107116/85502, 33499/84740, 105900/84740

Date Tested: 2024-07-16, 2024-07-18, 2024-07-22, 2024-07-23, 2024-07-24, 2024-07-25, 2024-07-30, 2024-08-06, 2024-08-07, 2024-08-08, 2024-08-09, 2024-08-12, 2024-08-13, 2024-08-14, 2024-08-15, 2024-08-16, 2024-08-19, 2024-08-20, 2024-08-21, 2024-08-22, 2024-08-24, 2024-08-26, 2024-08-27, 2024-08-28, 2024-08-29, 2024-09-03, 2024-09-04, 2024-09-05, 2024-09-06, 2024-09-10, 2024-09-11, 2024-09-12, 2024-09-13, 2024-09-16, 2024-09-17, 2024-09-18, 2024-09-20, 2024-09-29, 2024-09-30

10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 MODE (Low Gain) 5180 MHz

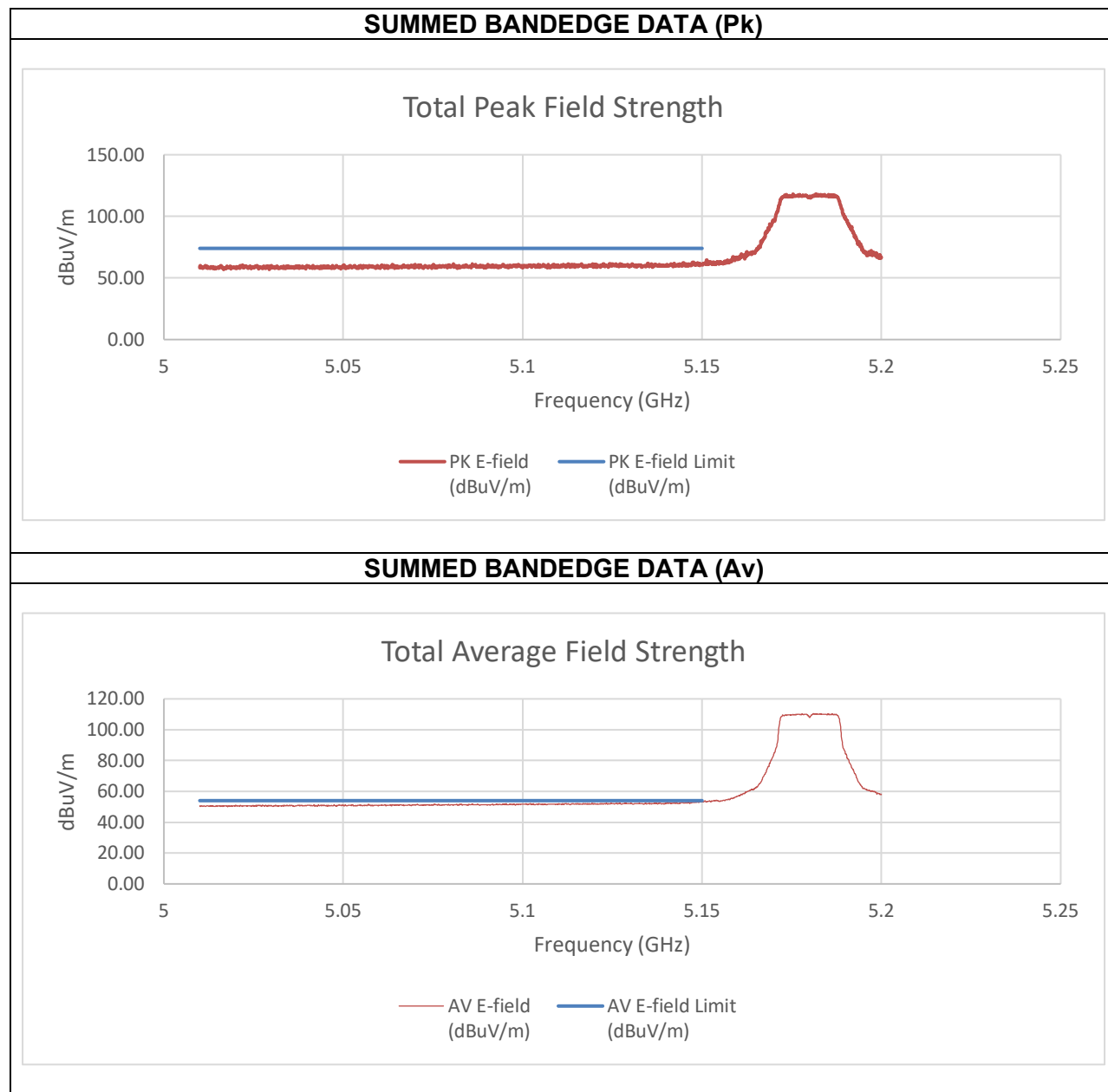


Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-45.67	-46.00	-34.61	60.65	74.00	-13.35
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-52.54	-53.50	-41.77	53.48	54.00	-0.52

An array gain of 8.21 dBi was used in the calculation of the summed data.

2TX CHAIN 0 + CHAIN 1 MODE (Mid Gain) 5180 MHz

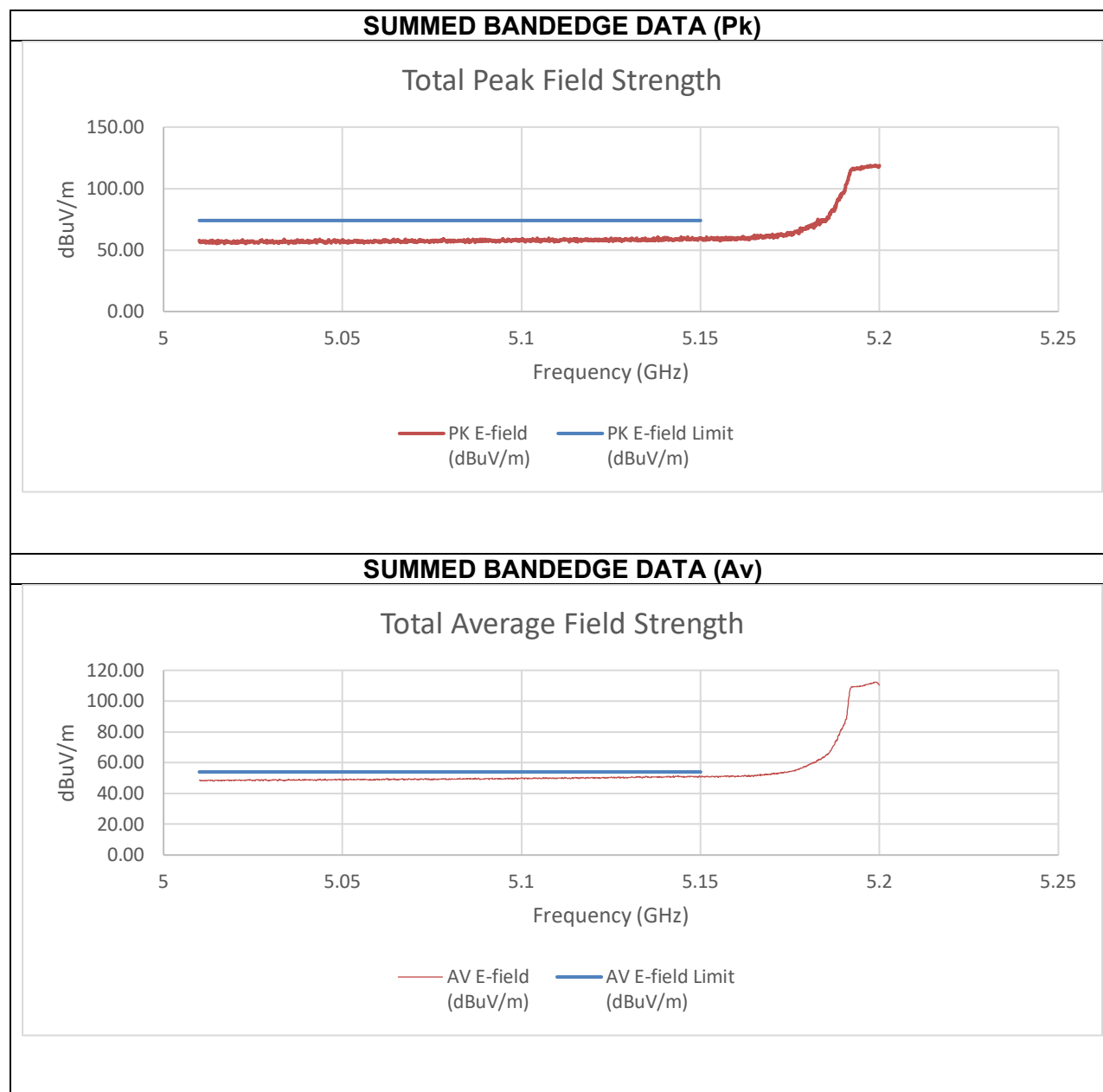


Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-47.16	-47.83	-34.16	61.10	74.00	-12.90
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-55.77	-55.05	-42.07	53.18	54.00	-0.82

An array gain of 10.31 dBi was used in the calculation of the summed data.

2TX CHAIN 0 + CHAIN 1 MODE (Mid Gain) 5200 MHz

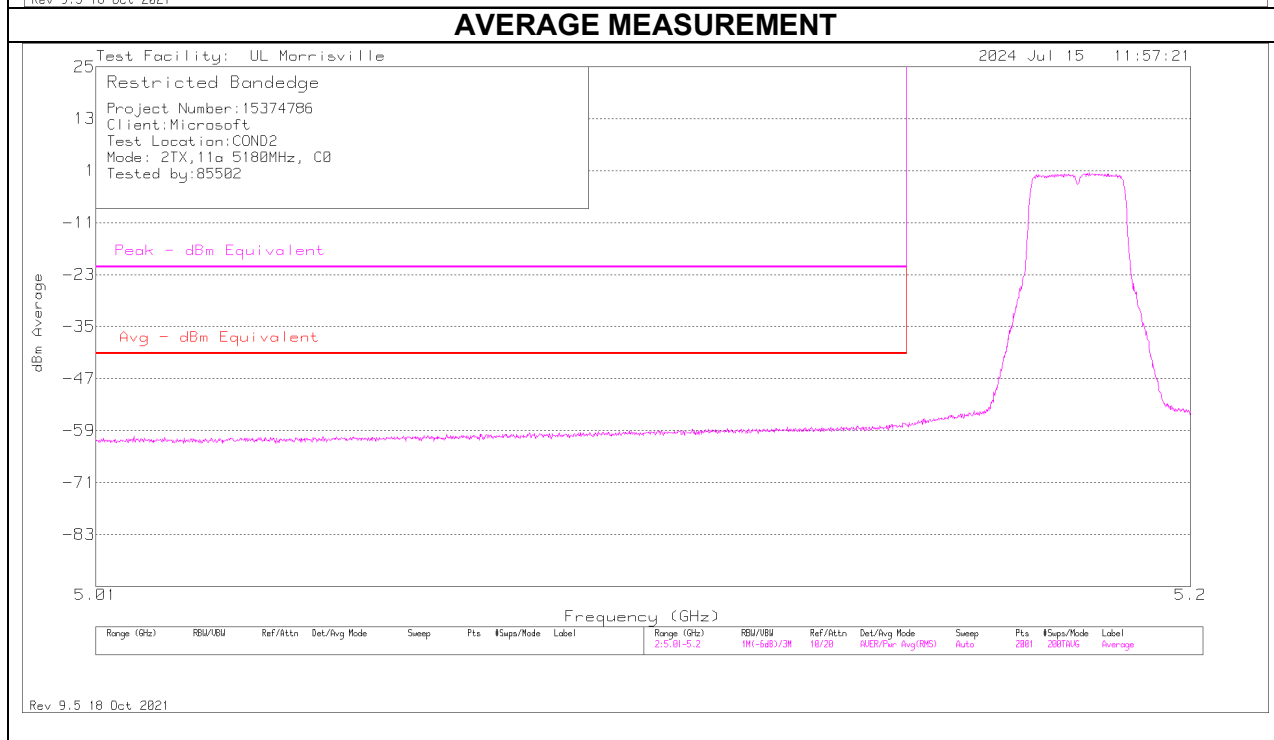
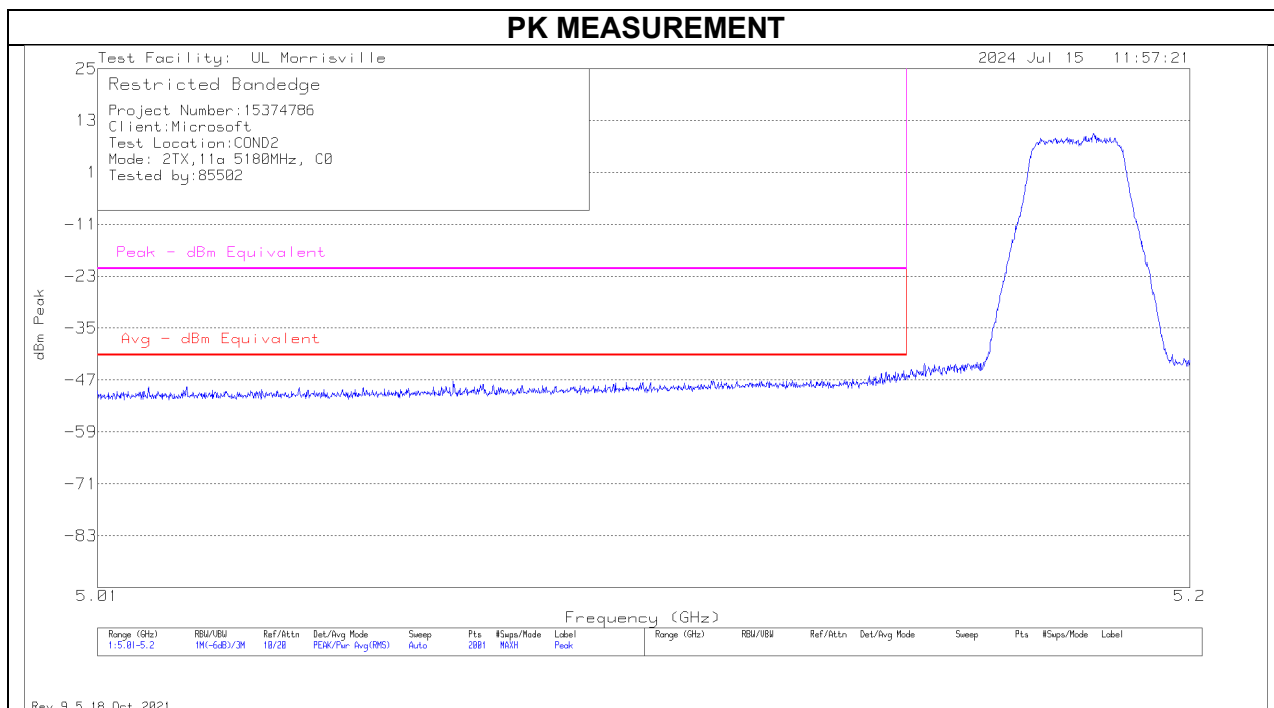


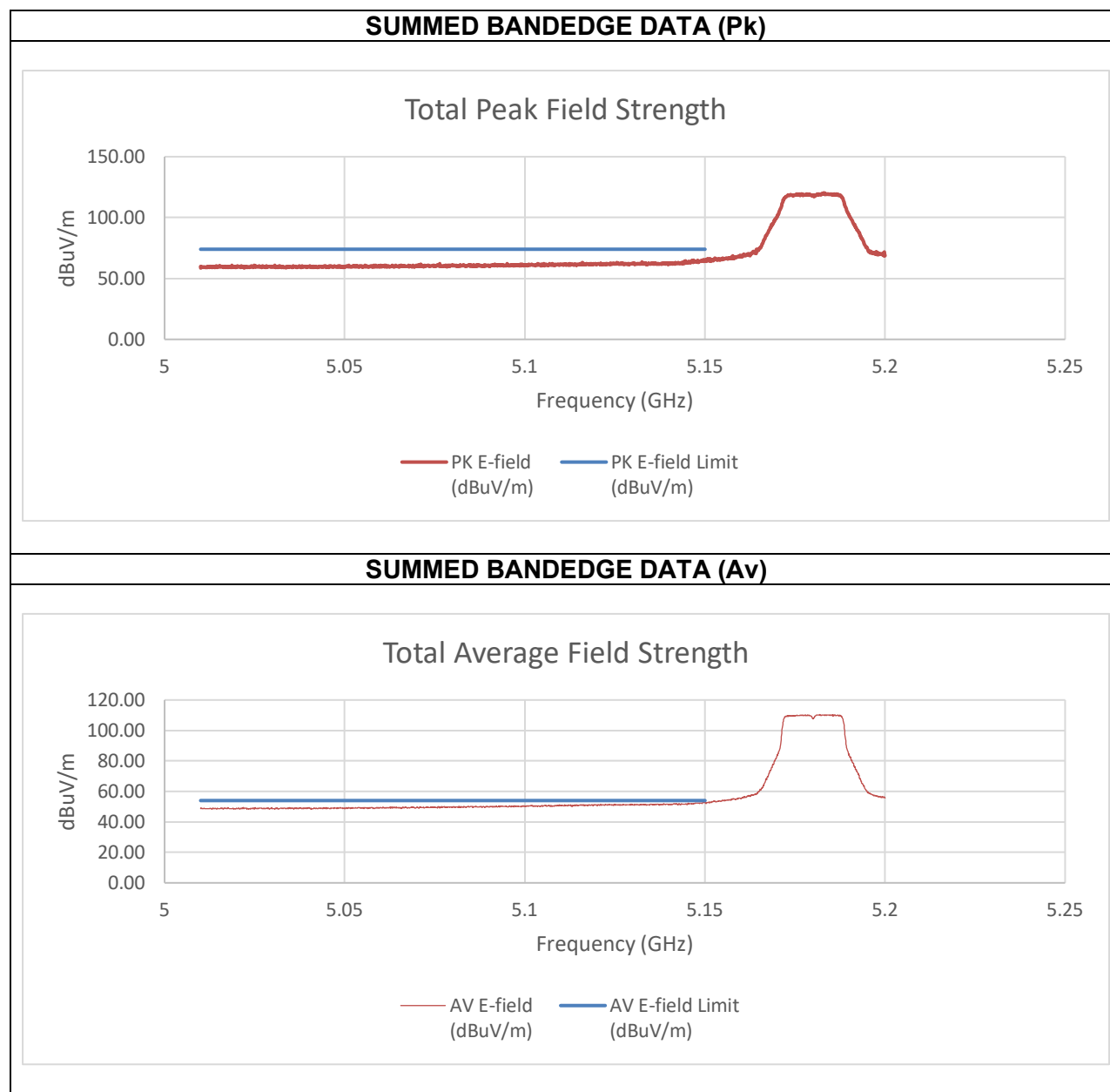
Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-49.68	-48.59	-35.78	59.48	74.00	-14.52
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-58.83	-57.04	-44.52	50.73	54.00	-3.27

An array gain of 10.31 dBi was used in the calculation of the summed data.

2TX CHAIN 0 + CHAIN 1 MODE (High Gain) 5180 MHz



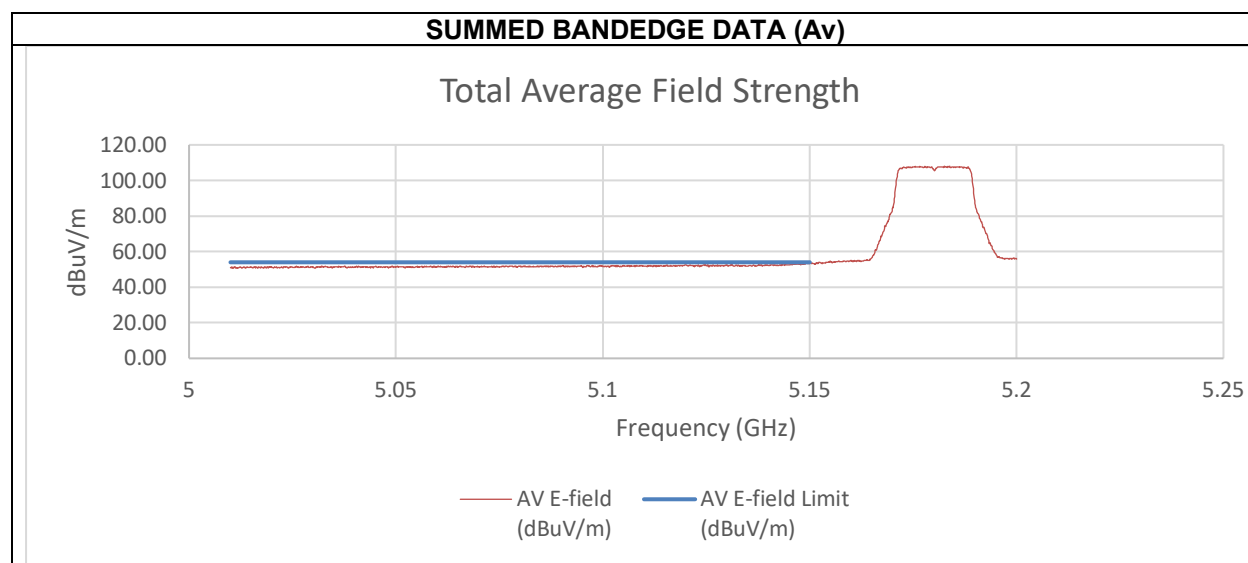
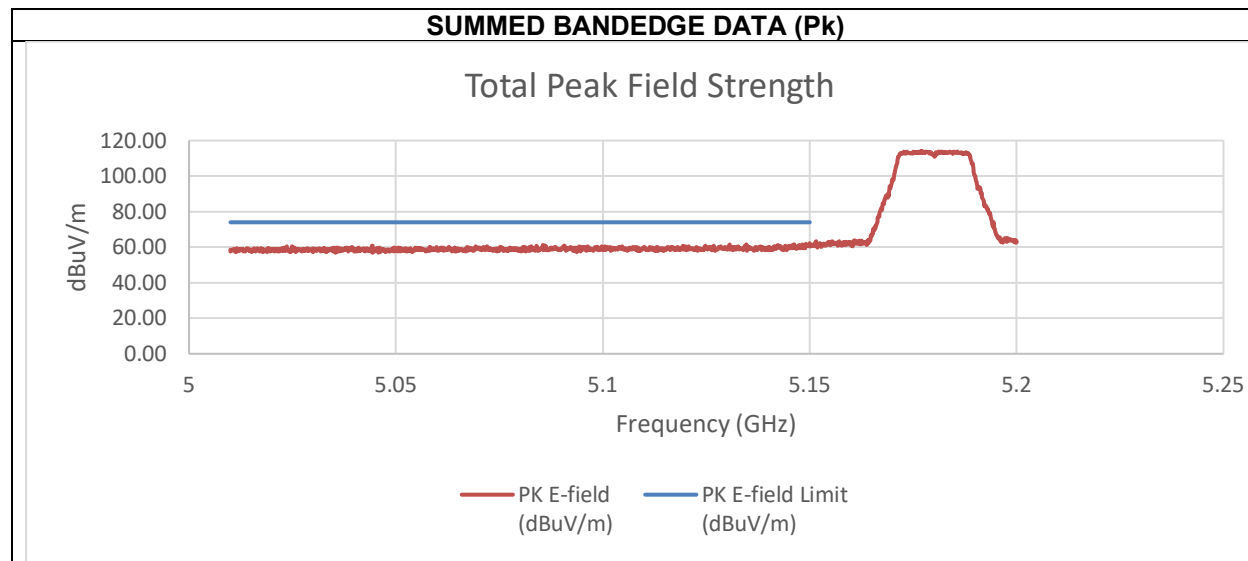


Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-46.49	-44.58	-30.75	64.51	74.00	-9.49
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-57.51	-56.93	-42.53	52.73	54.00	-1.27

An array gain of 11.67 dBi was used in the calculation of the summed data.

10.1.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND 2TX CHAIN 0 + CHAIN 1 MODE (Low Gain) 5180 MHz

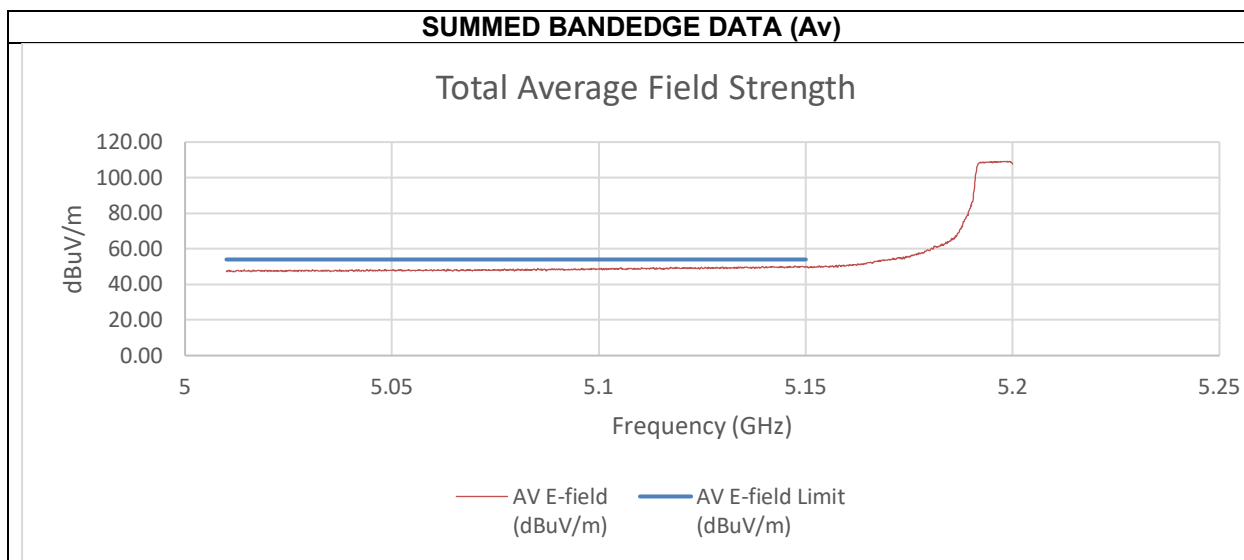
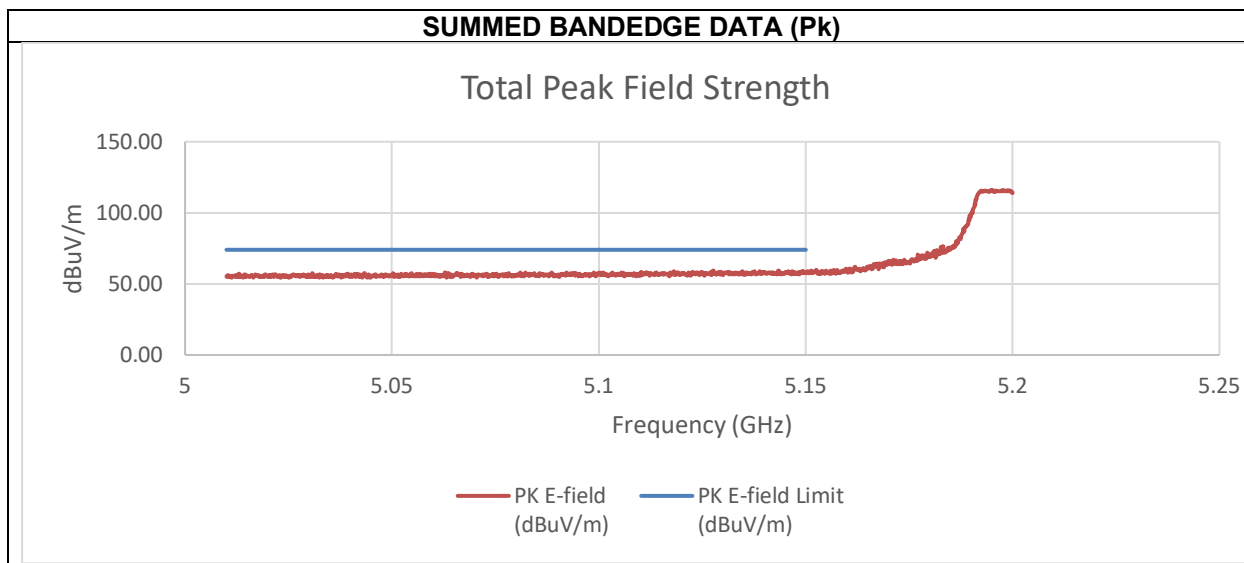


Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-43.38	-45.64	-33.14	62.11	74.00	-11.89
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-52.48	-54.25	-42.06	53.20	54.00	-0.80

An array gain of 8.21 dBi was used in the calculation of the summed data.

2TX CHAIN 0 + CHAIN 1 MODE (Low Gain) 5200 MHz

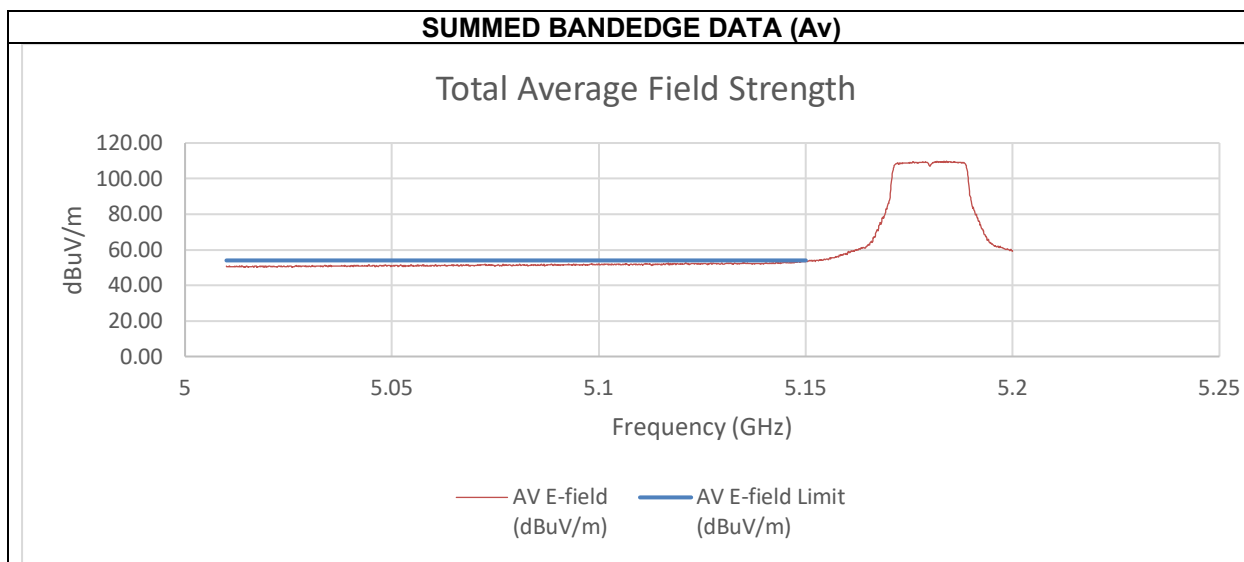
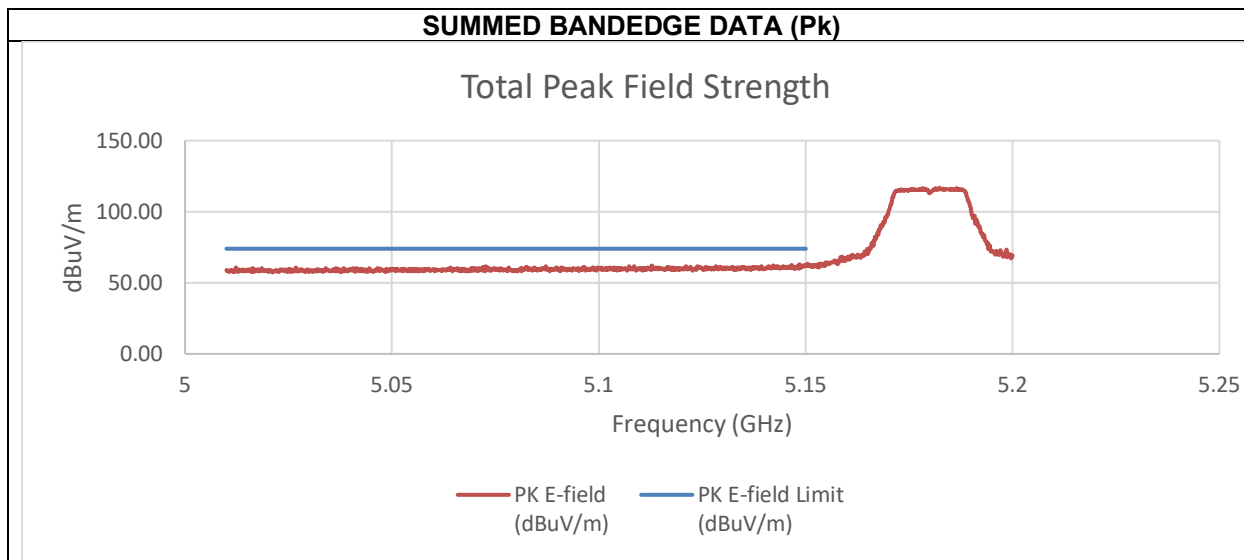


Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-48.15	-48.92	-37.30	57.96	74.00	-16.04
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-56.86	-56.66	-45.54	49.72	54.00	-4.28

An array gain of 8.21 dBi was used in the calculation of the summed data.

2TX CHAIN 0 + CHAIN 1 MODE (Mid Gain) 5180 MHz

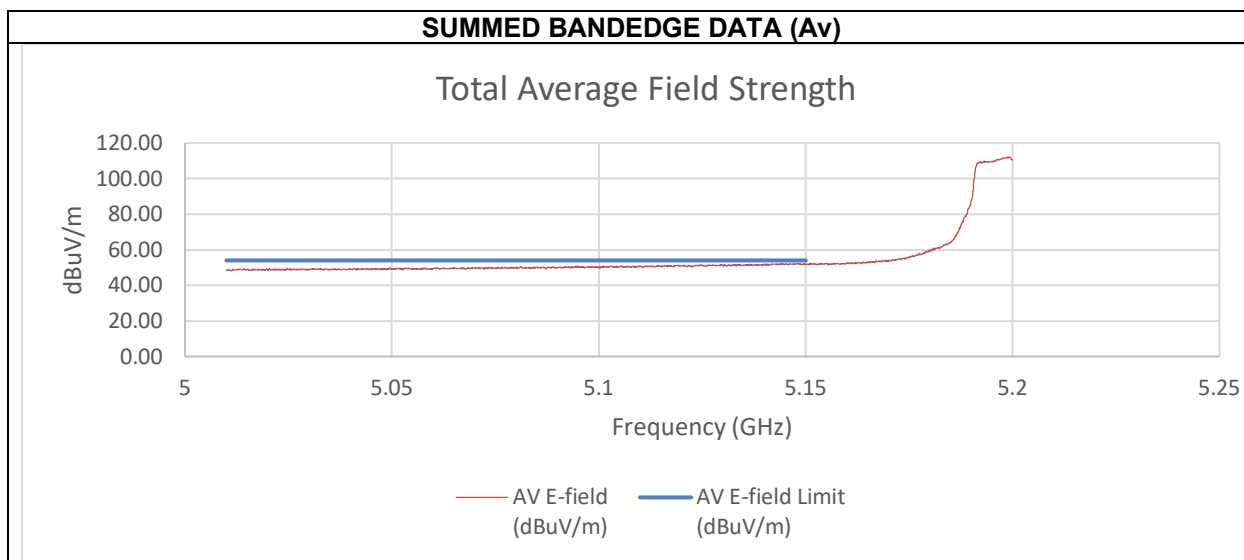
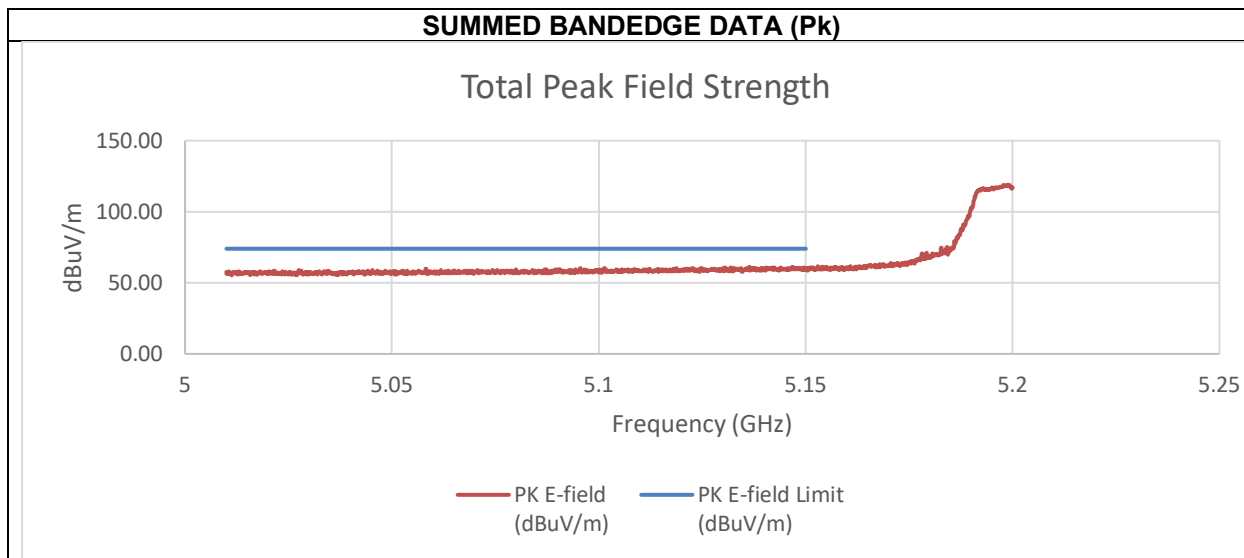


Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-45.47	-46.23	-32.51	62.74	74.00	-11.26
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-54.77	-55.56	-41.83	53.43	54.00	-0.57

An array gain of 10.31 dBi was used in the calculation of the summed data.

2TX CHAIN 0 + CHAIN 1 MODE (Mid Gain) 5200 MHz



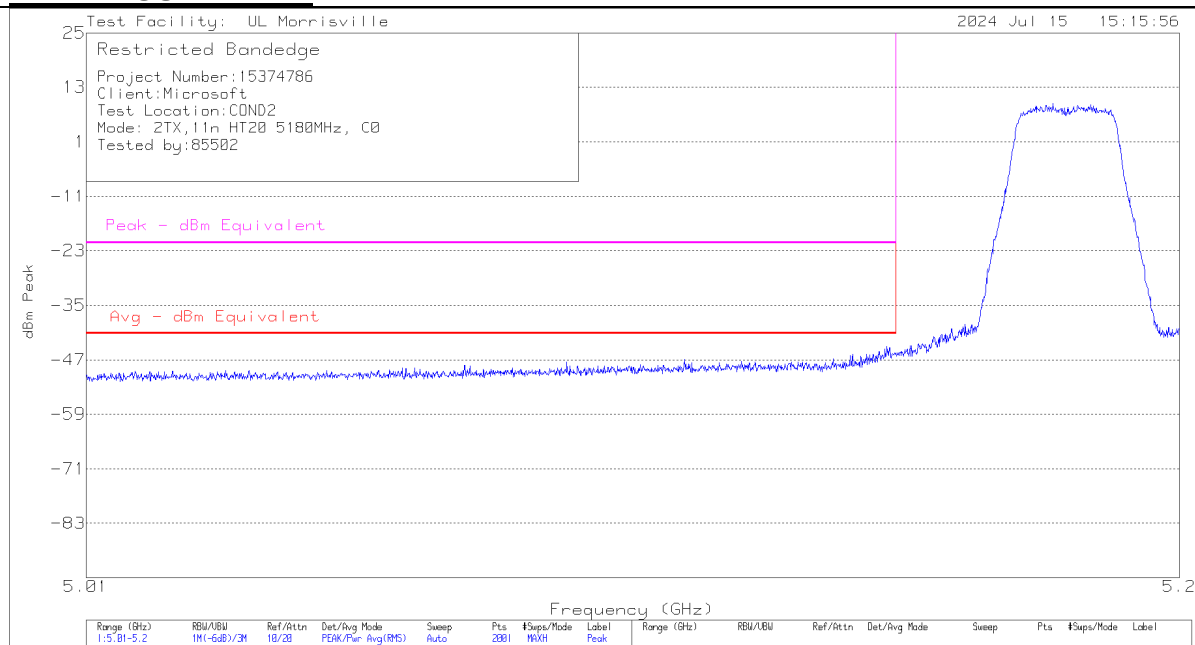
Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-49.27	-48.56	-35.58	59.68	74.00	-14.32
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-56.81	-56.61	-43.39	51.87	54.00	-2.13

An array gain of 10.31 dBi was used in the calculation of the summed data.

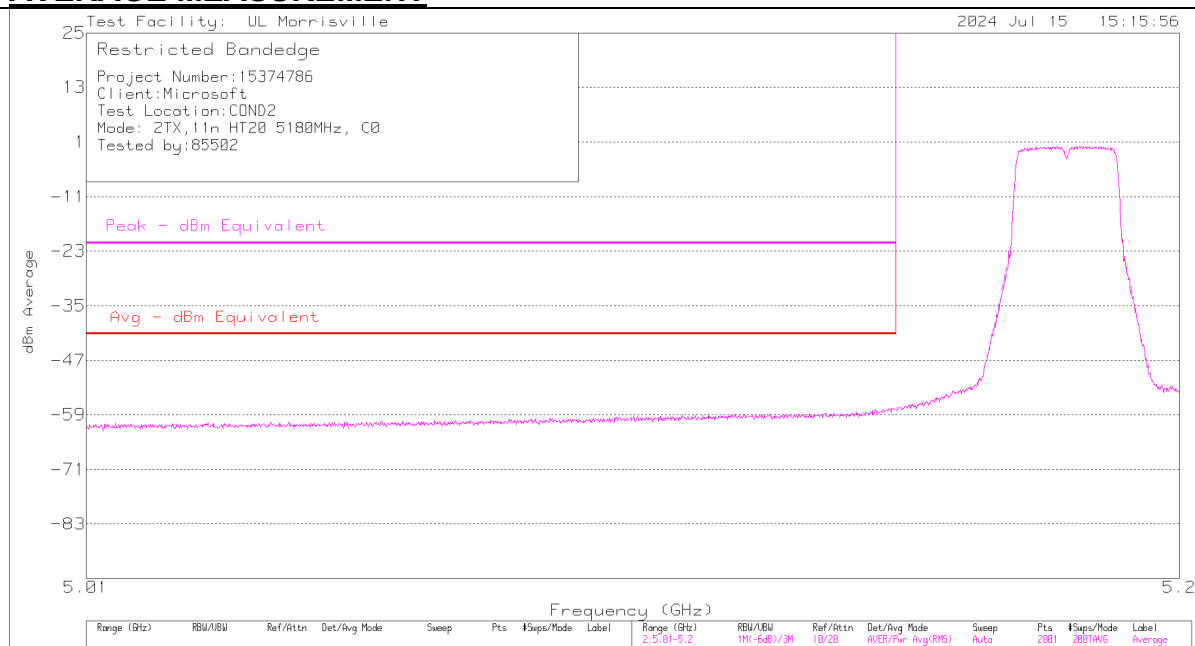
2TX CHAIN 0 + CHAIN 1 MODE (High Gain) 5180 MHz

PK MEASUREMENT

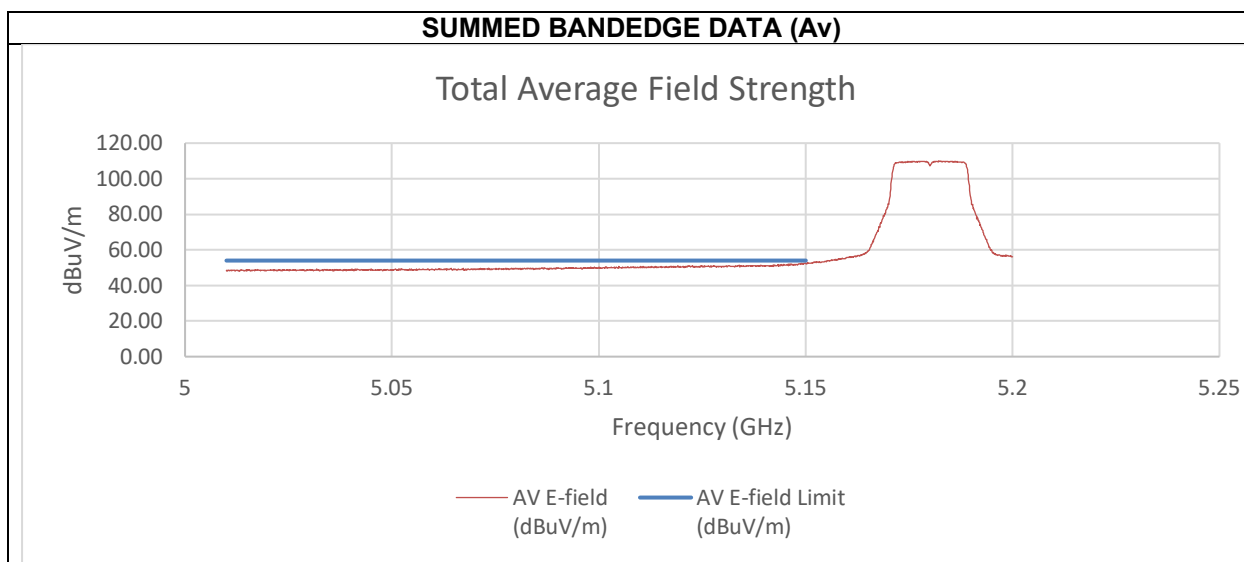
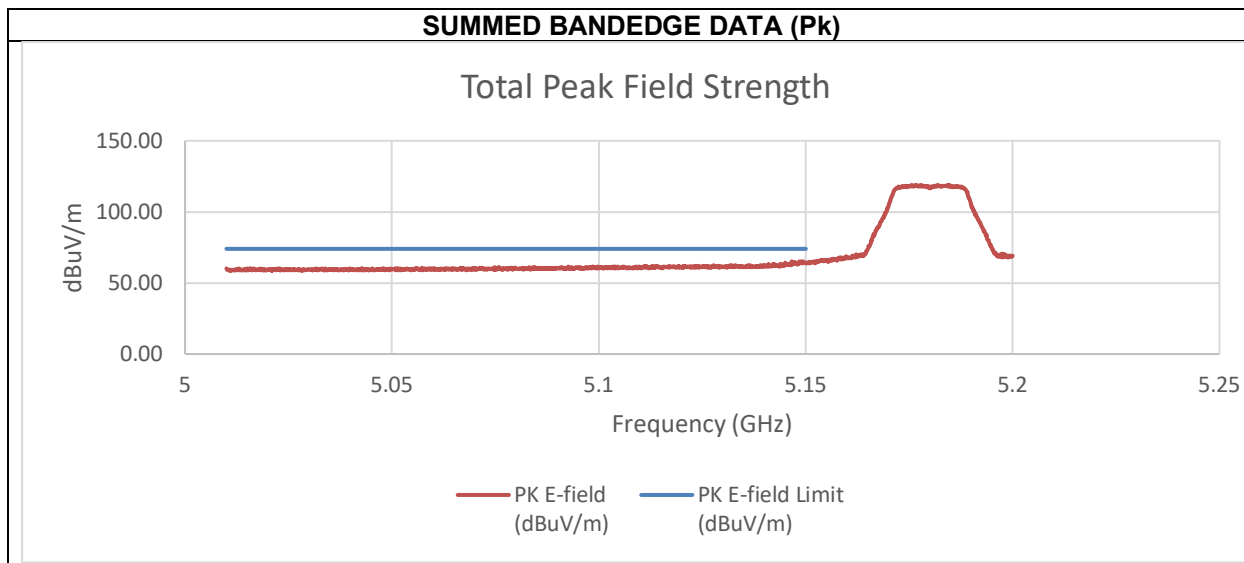


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AVERAGE MEASUREMENT



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Summed Pk and Av Data at Restricted Band

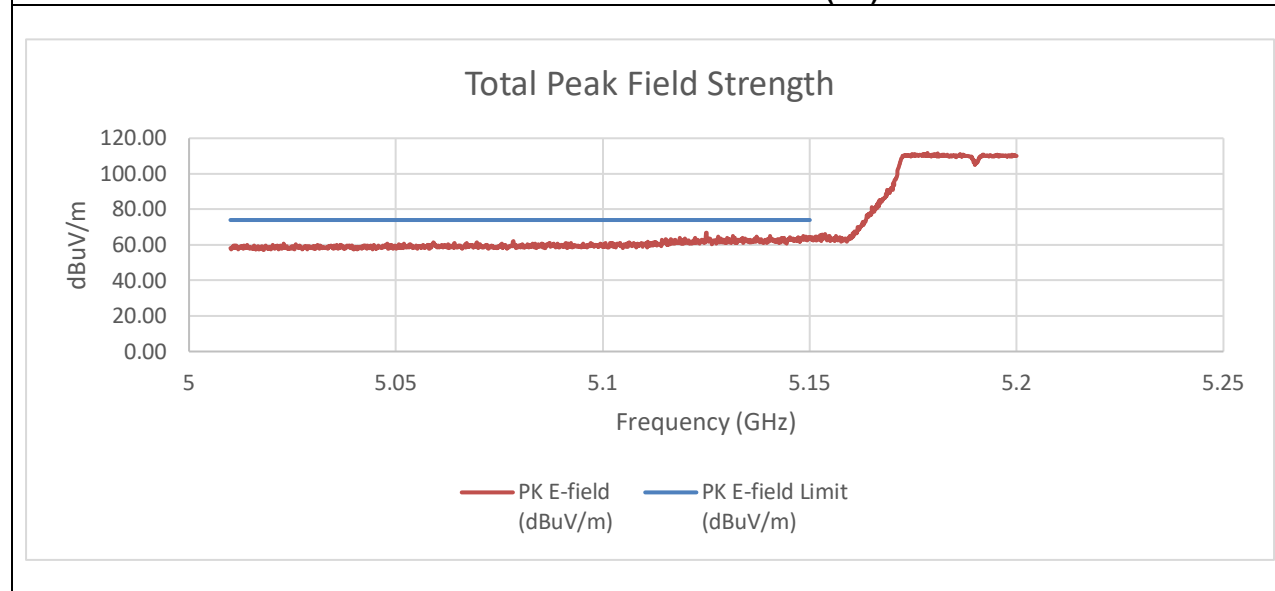
Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-45.74	-45.60	-30.99	64.27	74.00	-9.73
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-57.84	-57.33	-42.90	52.36	54.00	-1.64

An array gain of 11.67 dBi was used in the calculation of the summed data.

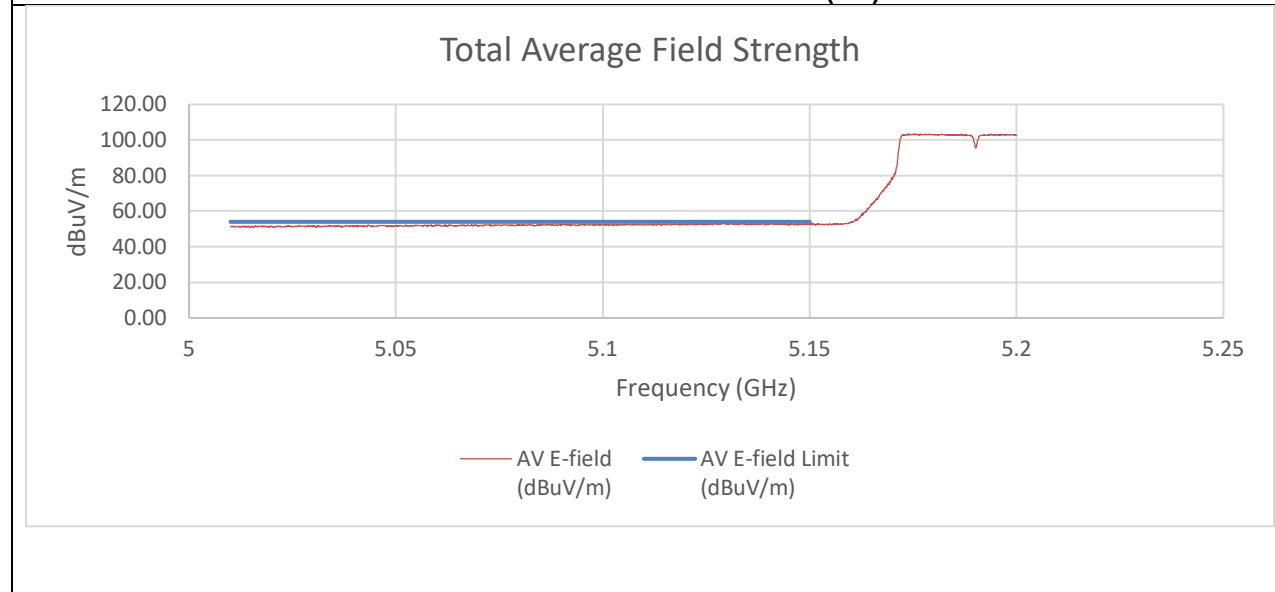
10.1.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 MODE (Low Gain) 5190 MHz

SUMMED BANDEDGE DATA (Pk)



SUMMED BANDEDGE DATA (Av)

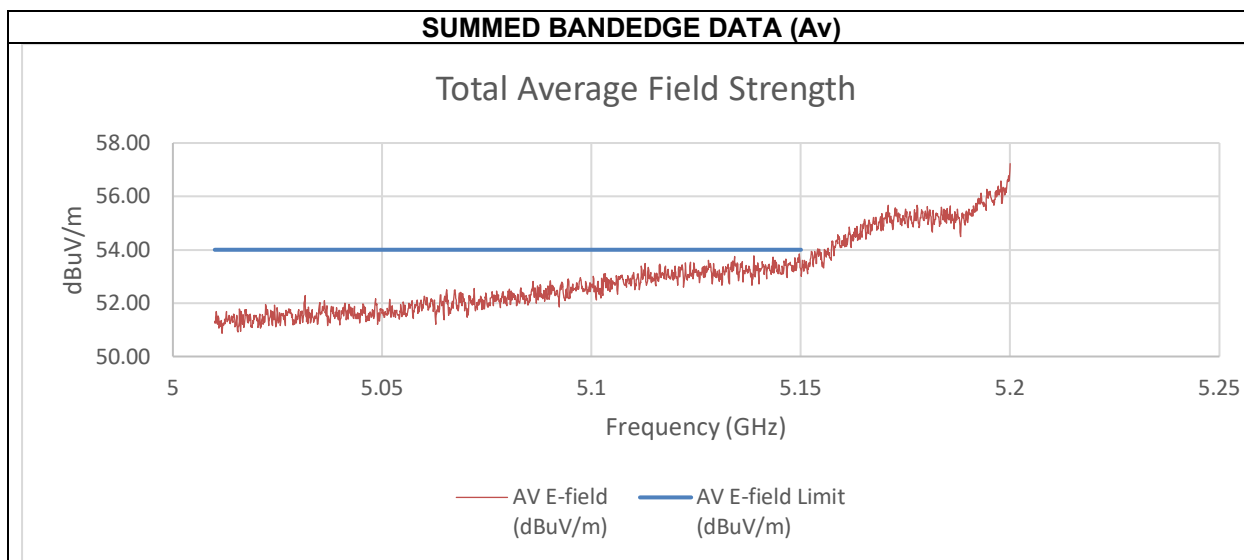
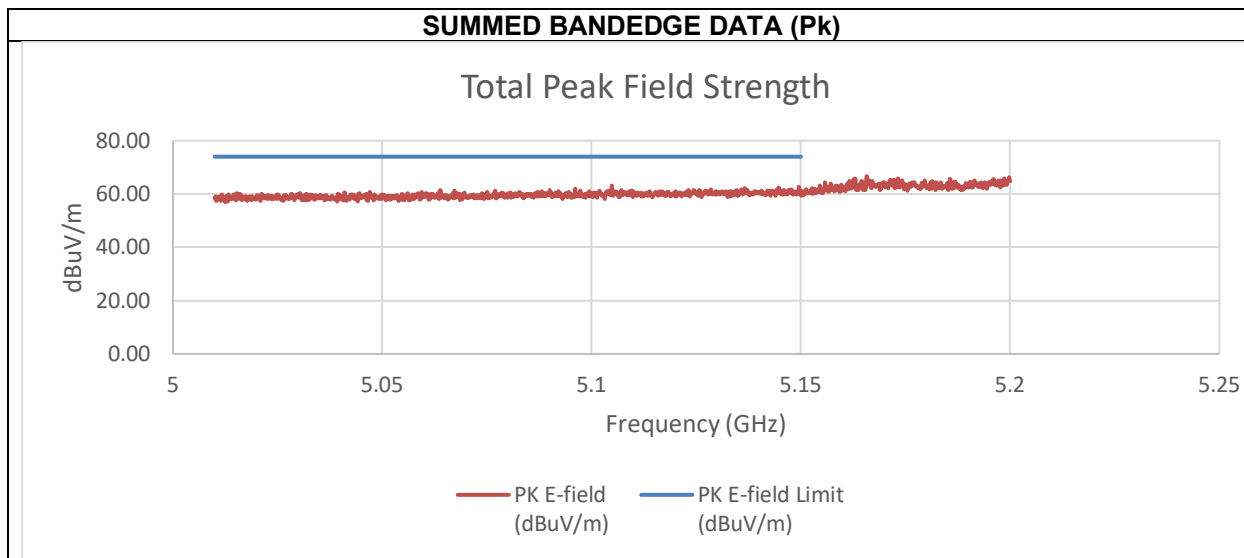


Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-41.21	-44.97	-31.47	63.78	74.00	-10.22
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-53.00	-54.94	-42.64	52.62	54.00	-1.38

An array gain of 8.21 dBi was used in the calculation of the summed data.

2TX CHAIN 0 + CHAIN 1 MODE (Low Gain) 5230 MHz



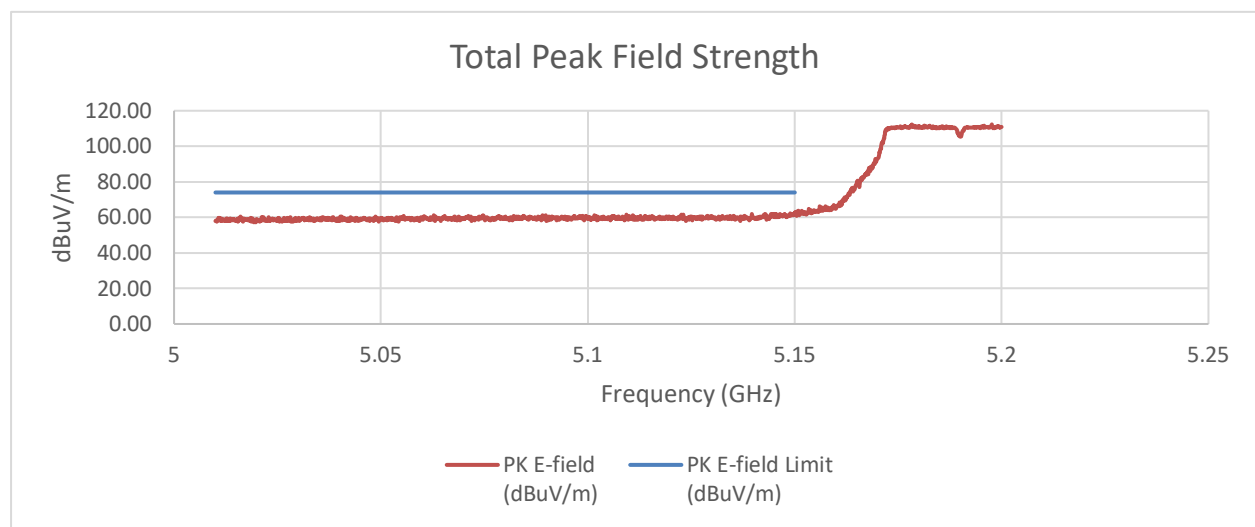
Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-45.99	-46.59	-35.06	60.20	74.00	-13.80
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-52.27	-54.36	-41.97	53.29	54.00	-0.71

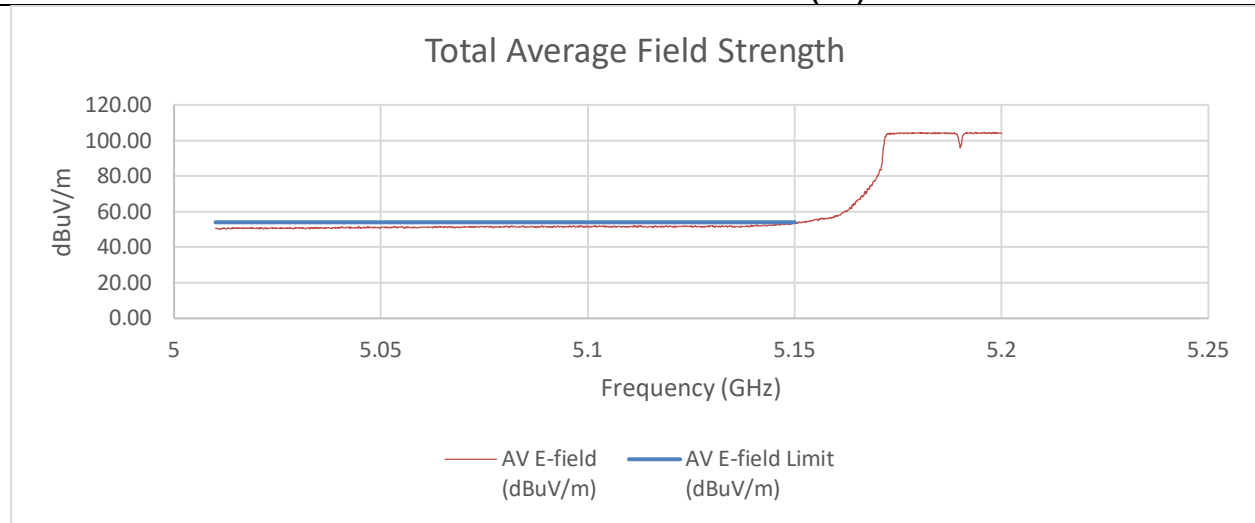
An array gain of 8.21 dBi was used in the calculation of the summed data.

2TX CHAIN 0 + CHAIN 1 MODE (Mid Gain) 5190 MHz

SUMMED BANDEDGE DATA (Pk)



SUMMED BANDEDGE DATA (Av)

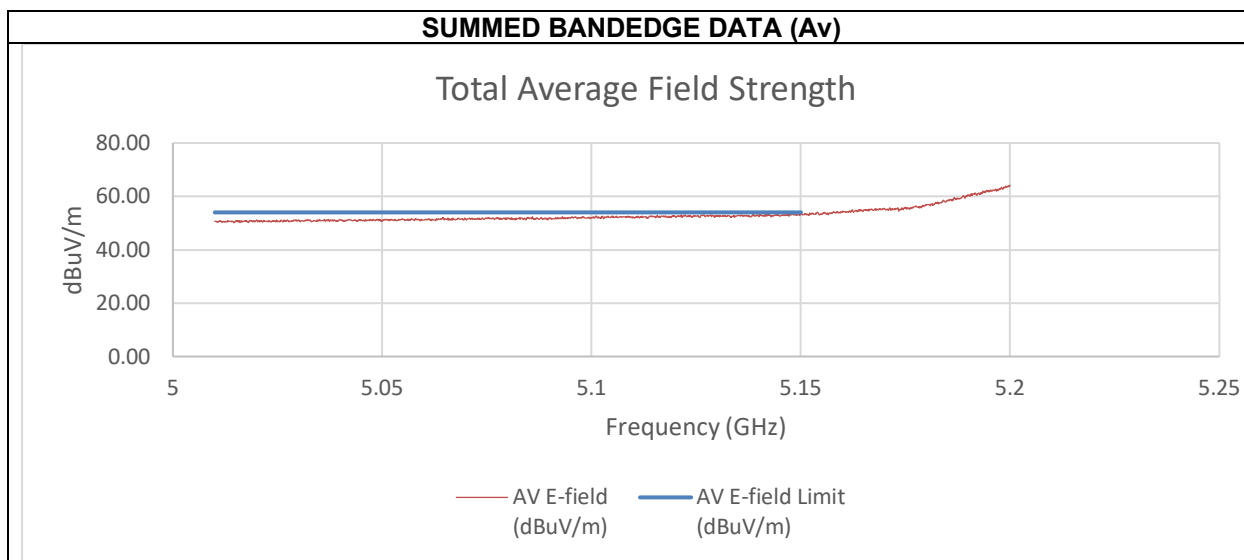
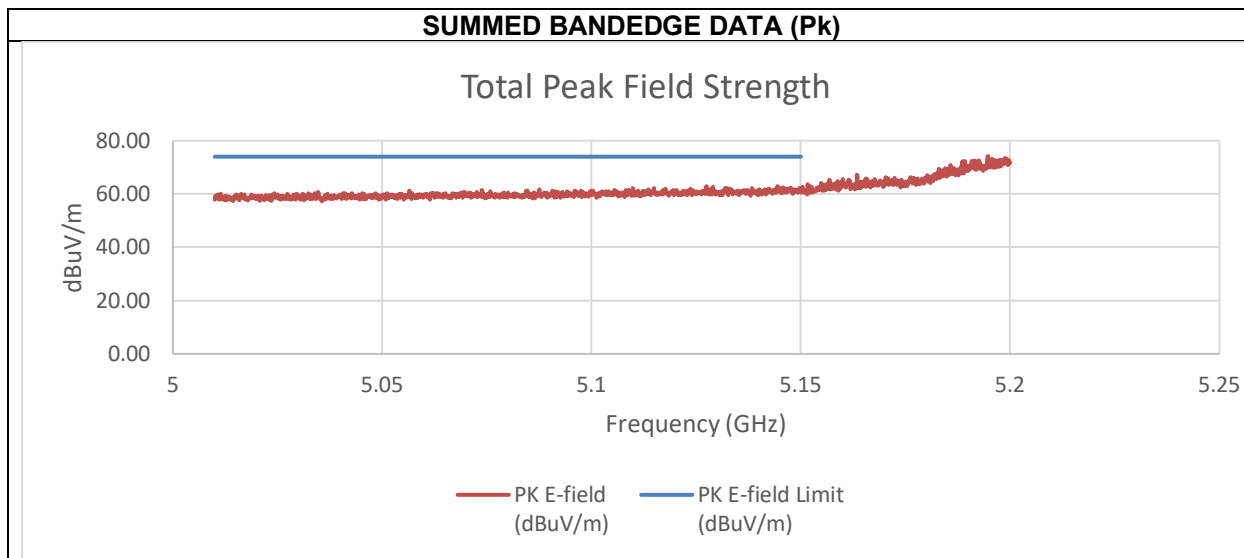


Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-44.83	-47.18	-32.53	62.73	74.00	-11.27
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-54.00	-56.95	-41.91	53.35	54.00	-0.65

An array gain of 10.31 dBi was used in the calculation of the summed data.

2TX CHAIN 0 + CHAIN 1 MODE (Mid Gain) 5230 MHz



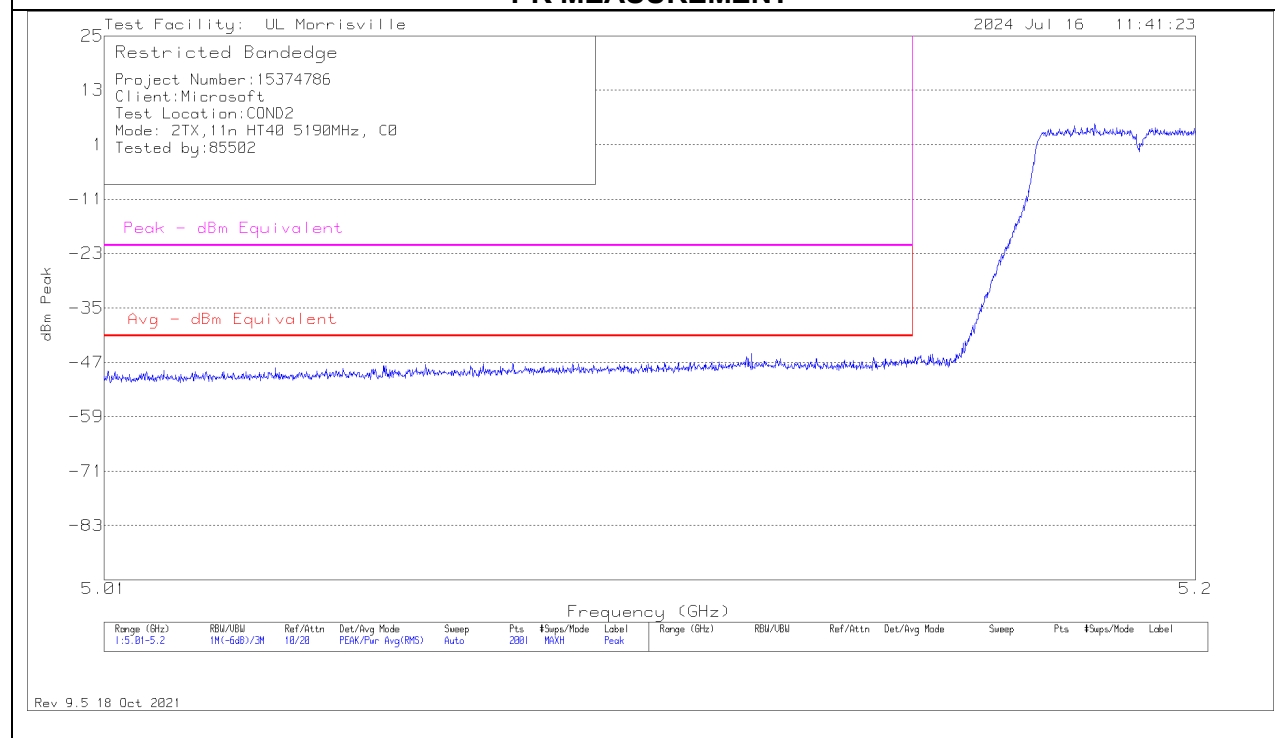
Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-47.76	-47.41	-34.26	61.00	74.00	-13.00
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-54.84	-55.76	-41.96	53.30	54.00	-0.70

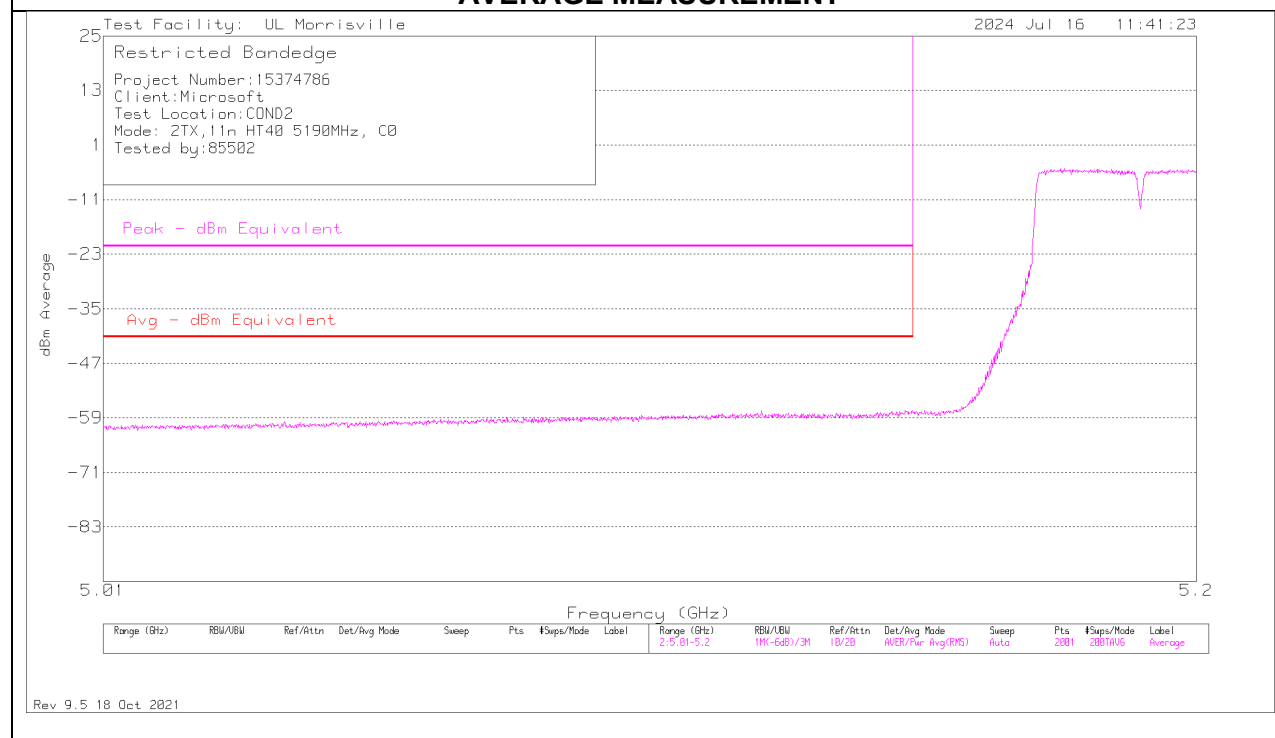
An array gain of 10.31 dBi was used in the calculation of the summed data.

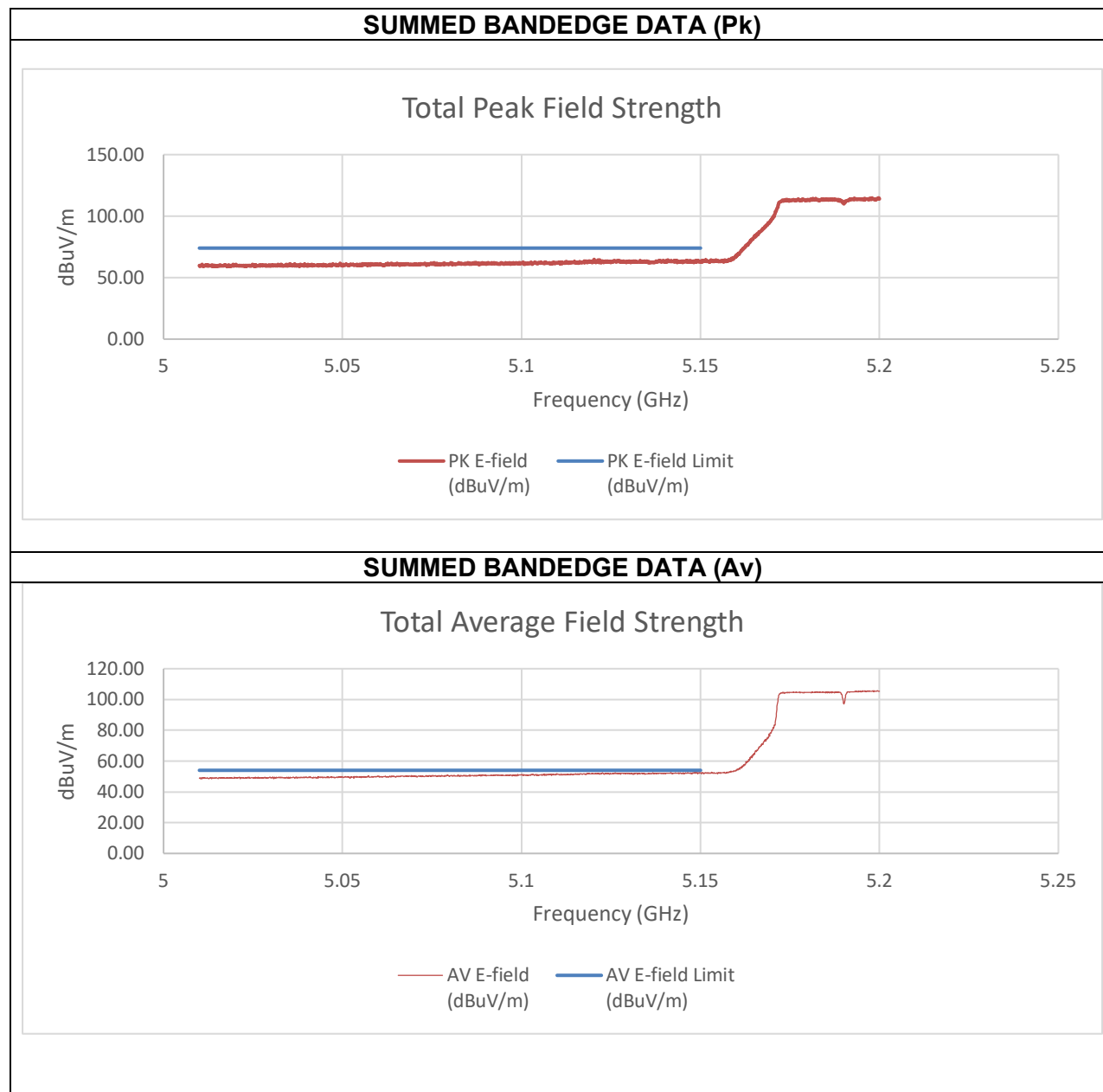
2TX CHAIN 0 + CHAIN 1 MODE (High Gain) 5190 MHz

PK MEASUREMENT



AVERAGE MEASUREMENT





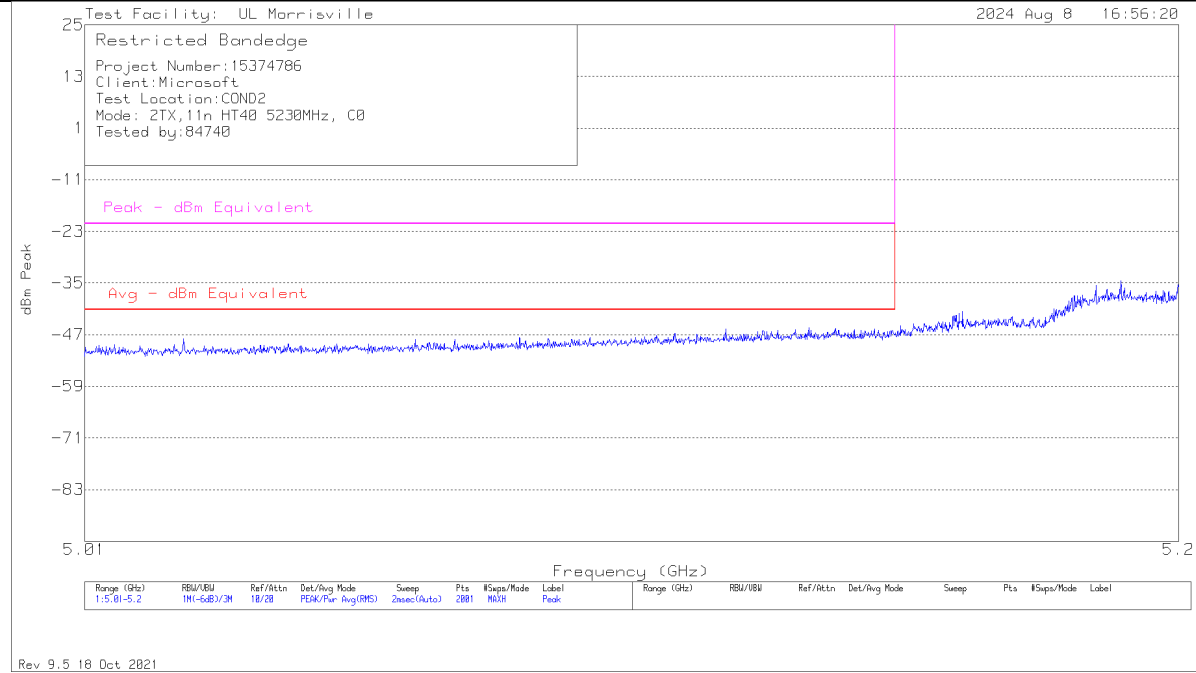
Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-47.24	-46.26	-32.04	63.22	74.00	-10.78
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-57.33	-57.77	-42.86	52.39	54.00	-1.61

An array gain of 11.67 dBi was used in the calculation of the summed data.

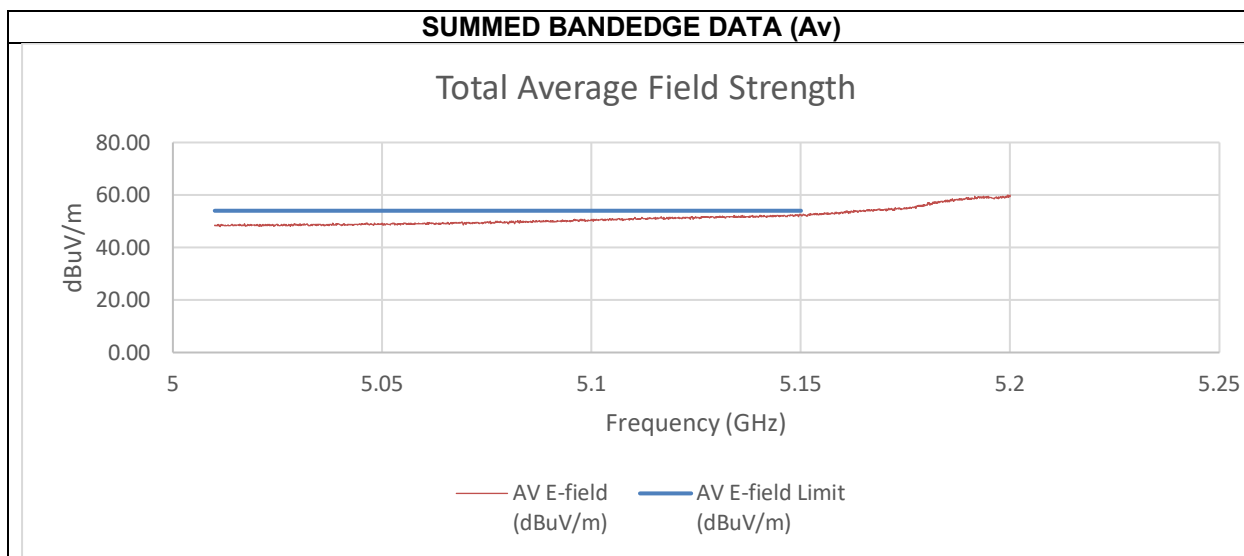
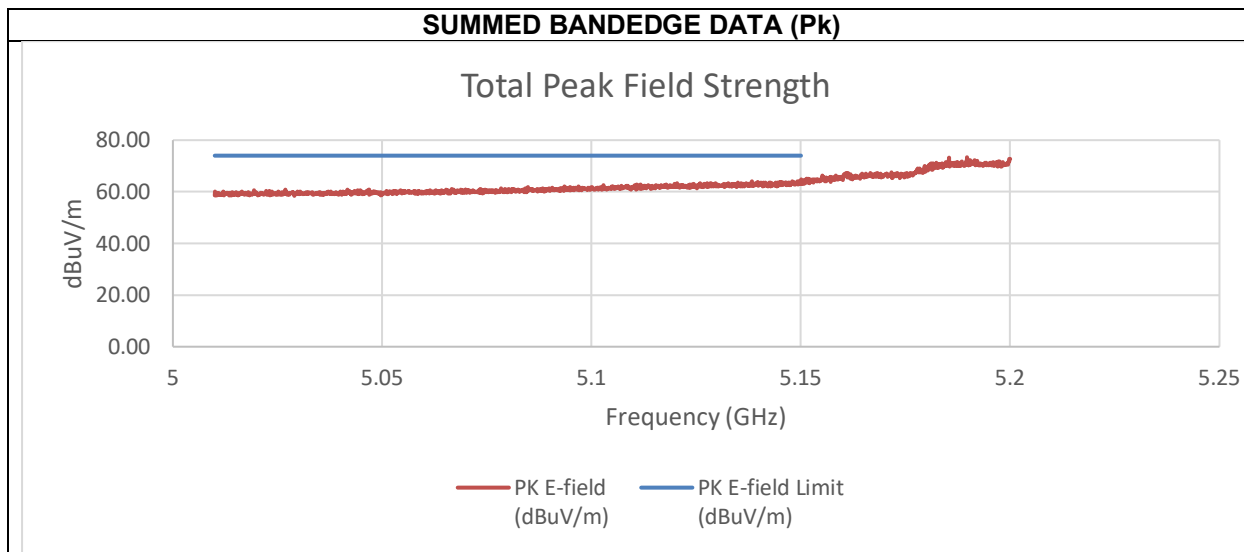
2TX CHAIN 0 + CHAIN 1 MODE (High Gain) 5230 MHz

PK MEASUREMENT



AVERAGE MEASUREMENT





Summed Pk and Av Data at Restricted Band

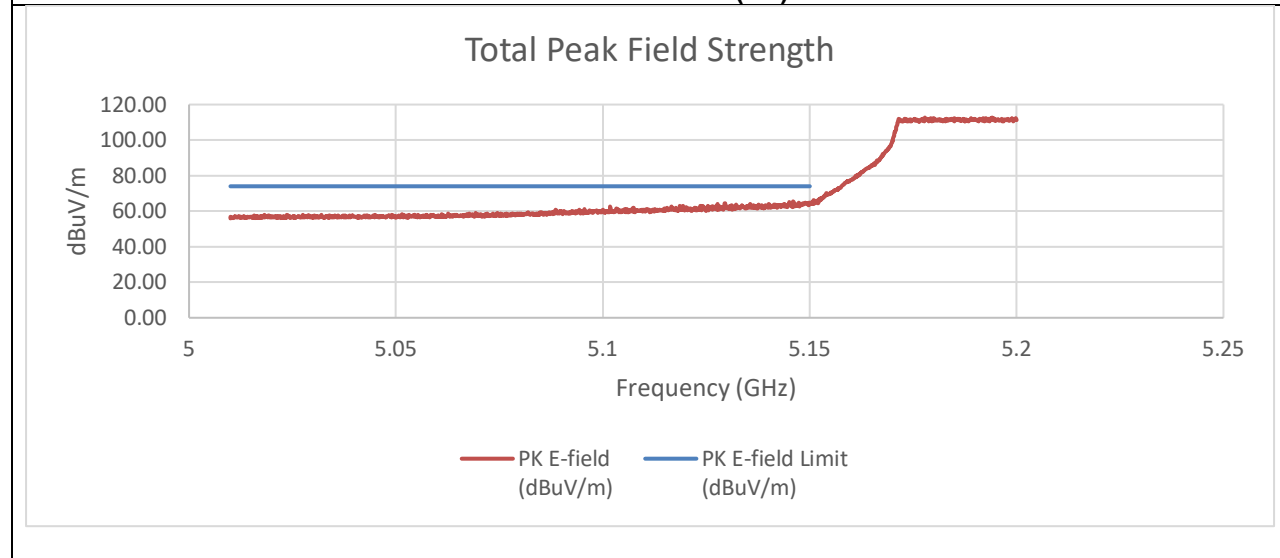
Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-47.12	-46.56	-32.15	63.11	74.00	-10.89
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-57.55	-57.49	-42.84	52.42	54.00	-1.58

An array gain of 11.67 dBi was used in the calculation of the summed data.

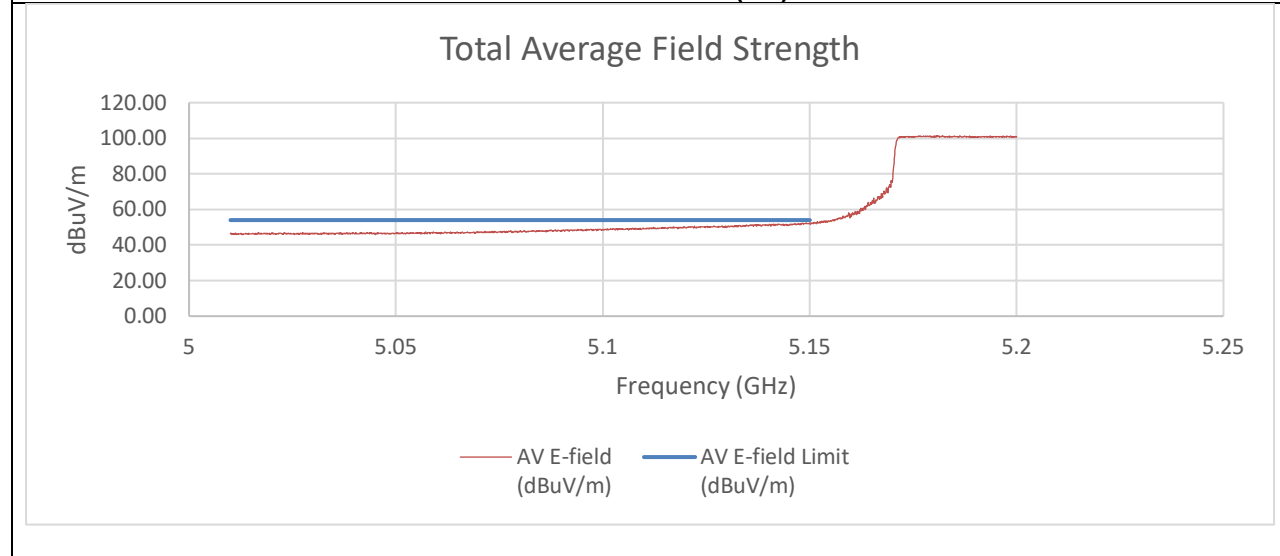
10.1.4. TX ABOVE 1 GHz 802.11n VHT80 MODE IN THE 5.2 GHz BAND

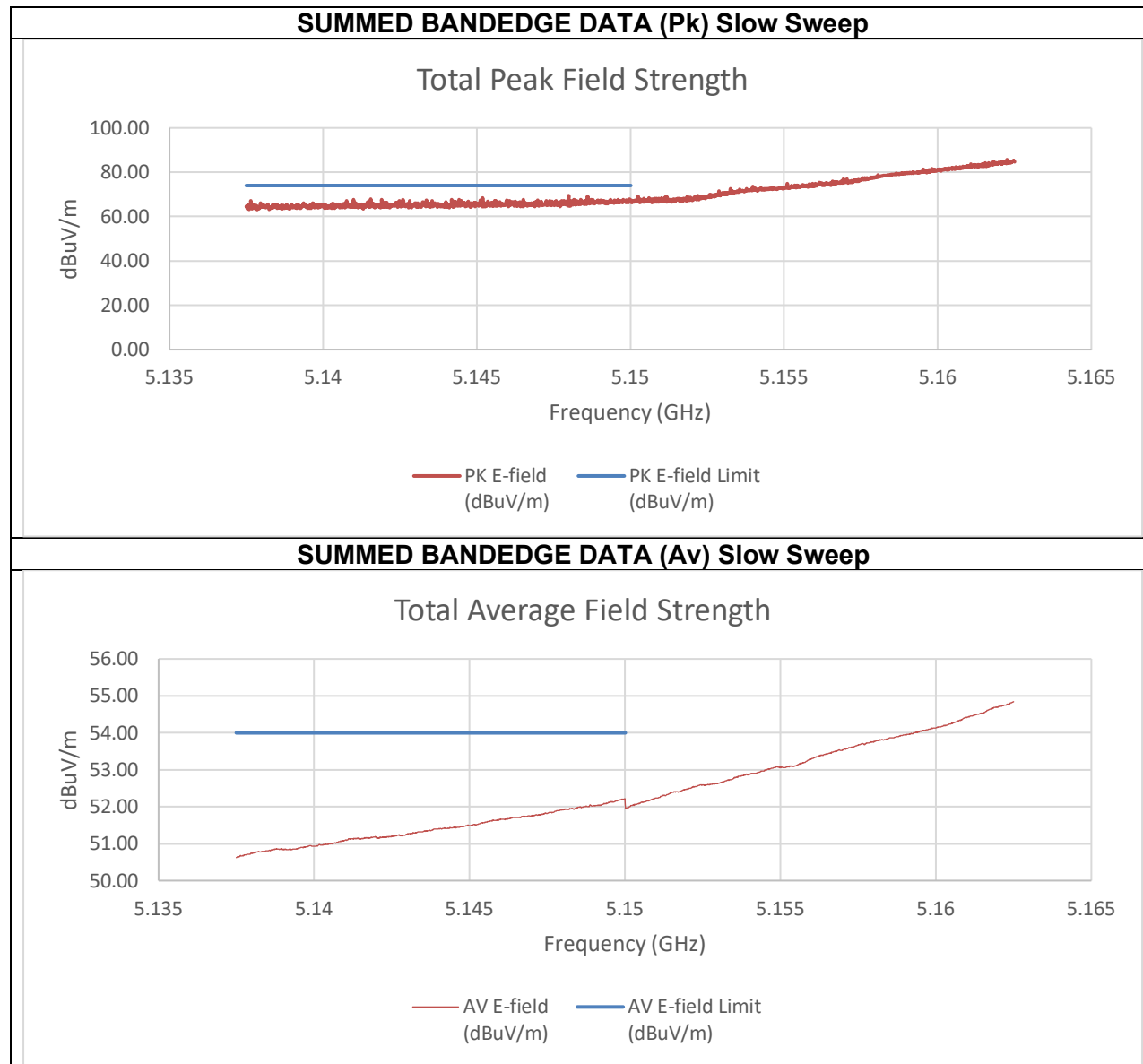
2TX CHAIN 0 + CHAIN 1 MODE (Low Gain) 5210 MHz

SUMMED BANDEDGE DATA (Pk) Fast Method



SUMMED BANDEDGE DATA (Av) Fast Method





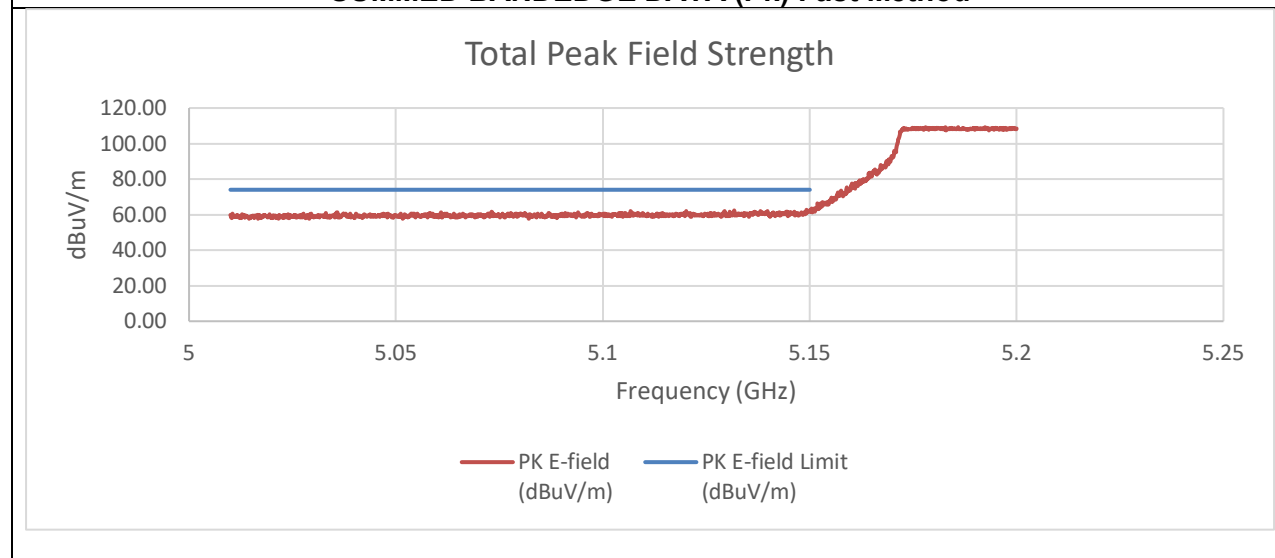
Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-39.71	-40.91	-29.05	66.21	74.00	-7.79
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-54.97	-54.25	-43.37	51.88	54.00	-2.12

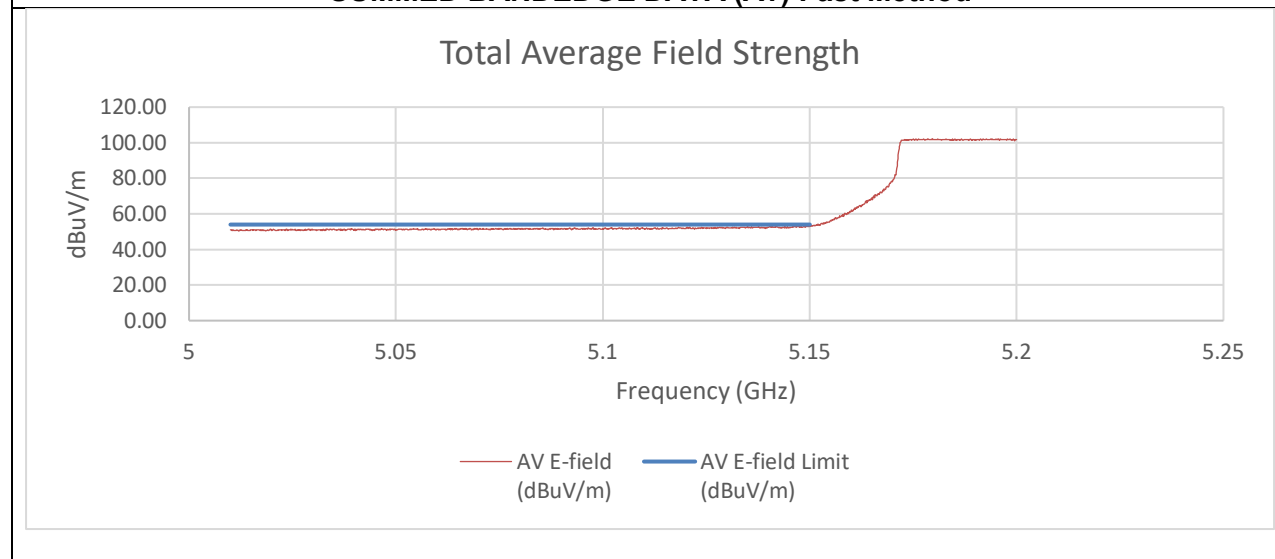
An array gain of 8.21 dBi was used in the calculation of the summed data. Fast sweep was performed just to show that no other emissions existed outside of the frequencies observed by the slow sweep measurement.

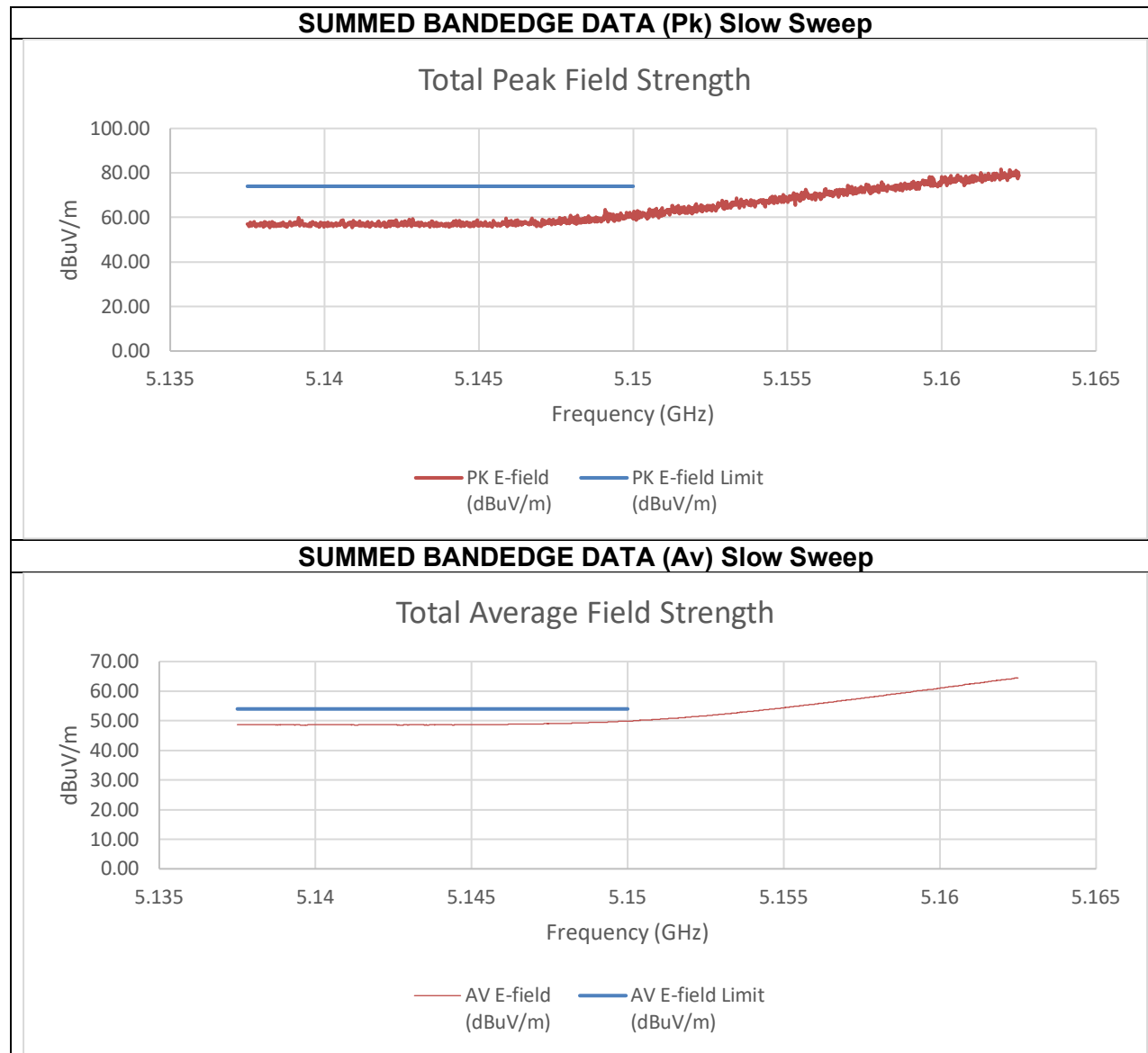
2TX CHAIN 0 + CHAIN 1 MODE (Mid Gain) 5210 MHz

SUMMED BANDEDGE DATA (Pk) Fast Method



SUMMED BANDEDGE DATA (Av) Fast Method





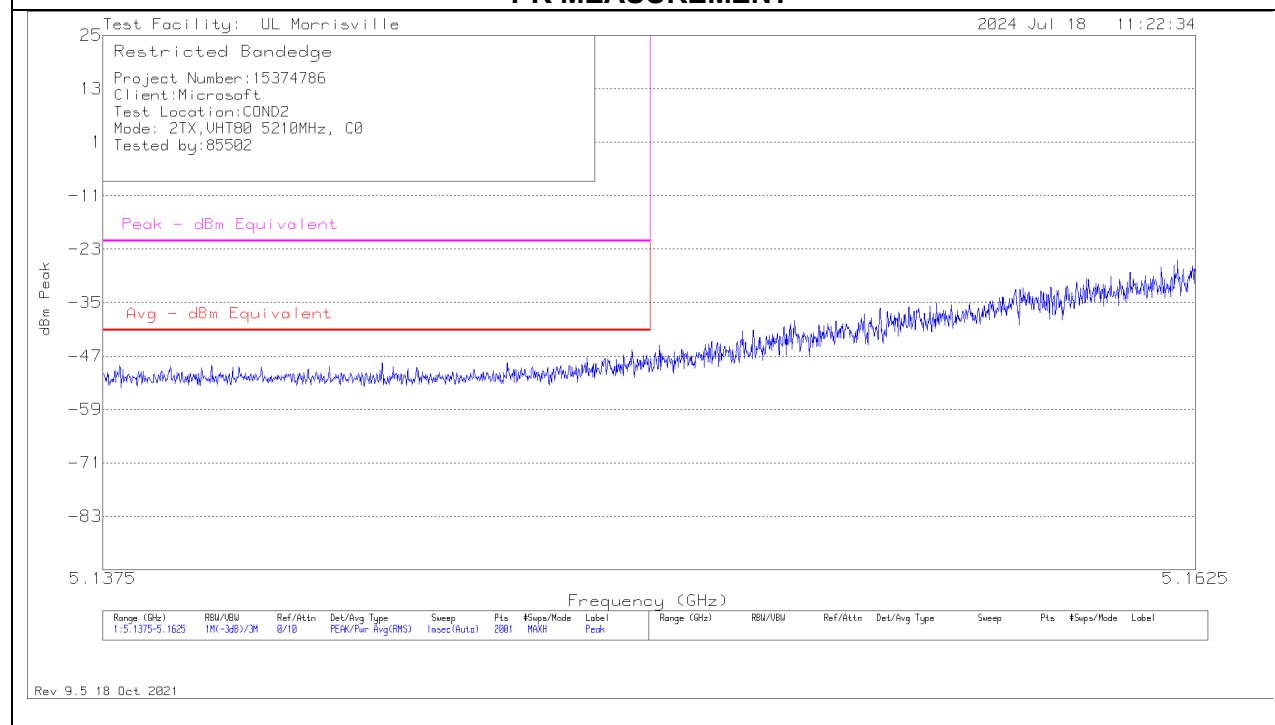
Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-48.62	-49.64	-35.78	59.48	74.00	-14.52
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-58.09	-59.46	-45.40	49.86	54.00	-4.14

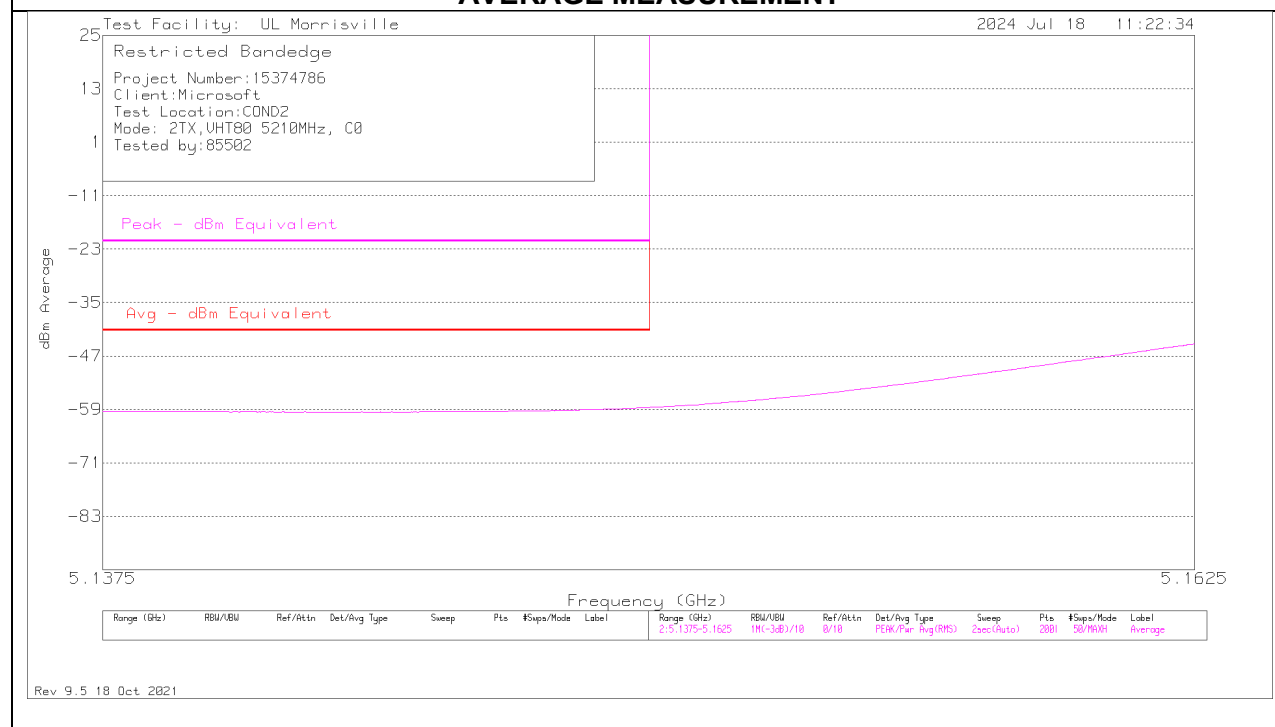
An array gain of 10.31 dBi was used in the calculation of the summed data. Fast sweep was performed just to show that no other emissions existed outside of the frequencies observed by the slow sweep measurement.

2TX CHAIN 0 + CHAIN 1 MODE (High Gain) 5210 MHz

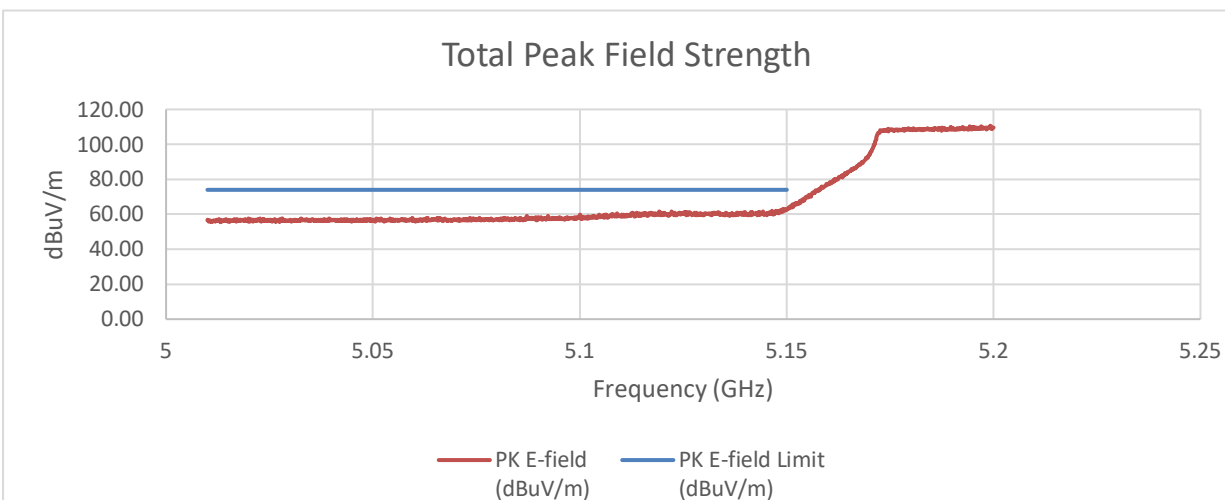
PK MEASUREMENT



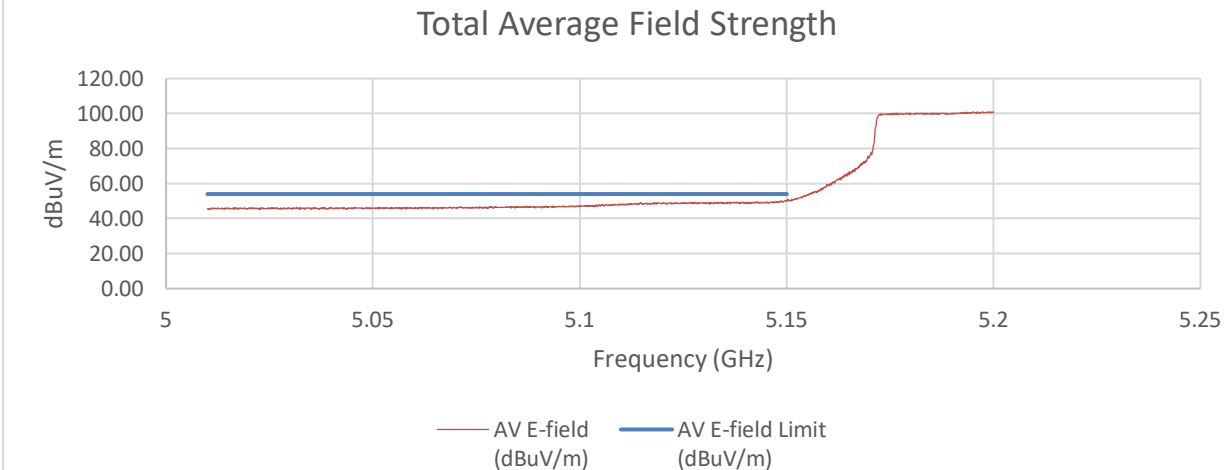
AVERAGE MEASUREMENT

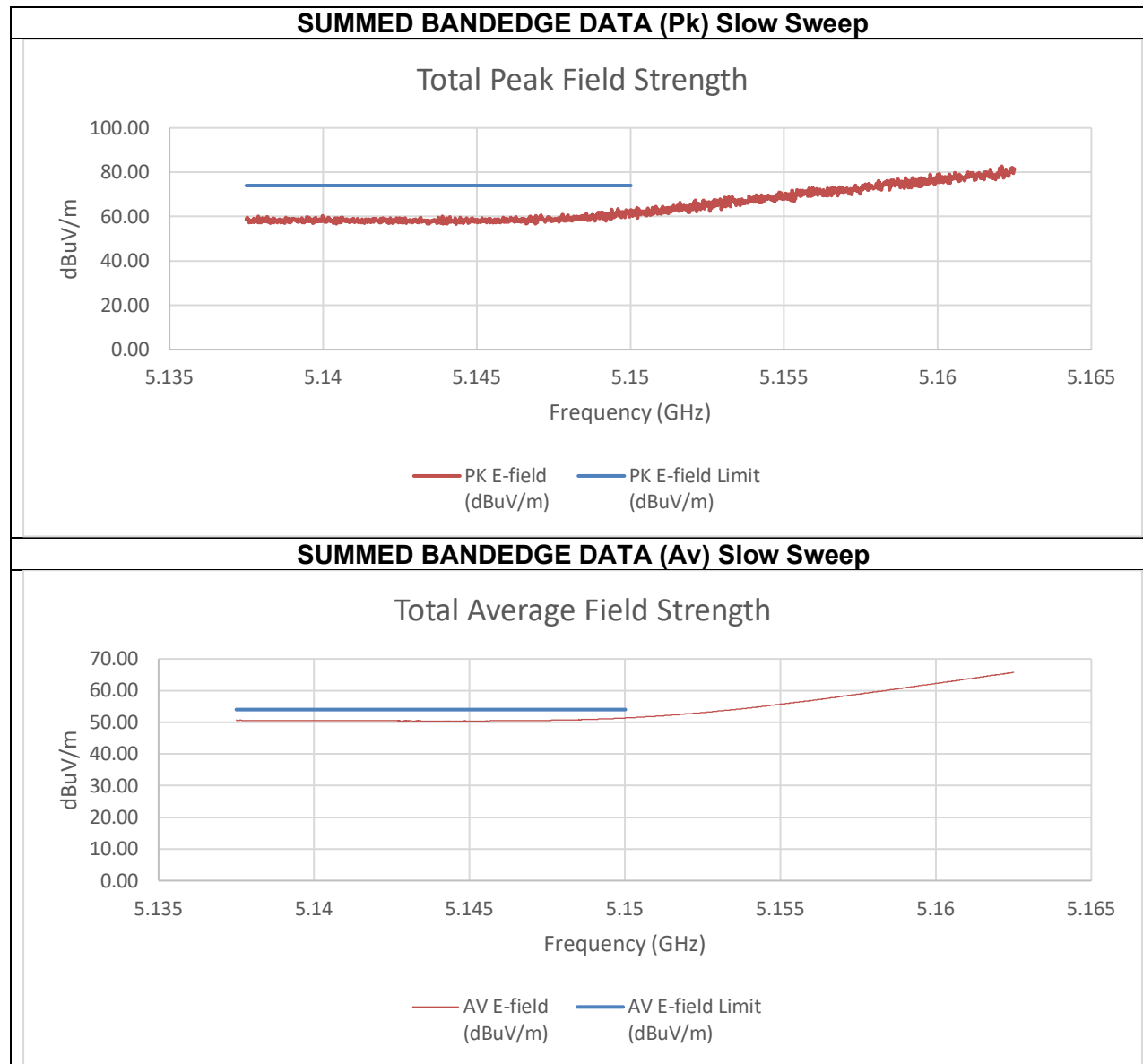


SUMMED BANDEDGE DATA (Pk) Fast Method



SUMMED BANDEDGE DATA (Av) Fast Method





Summed Pk and Av Data at Restricted Band

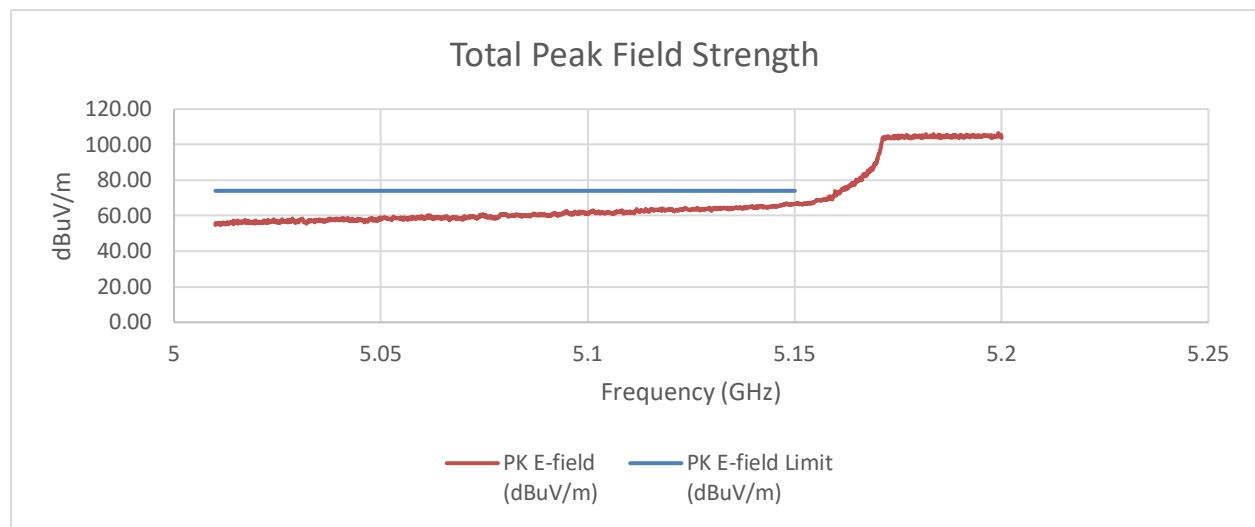
Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-48.87	-48.57	-34.04	61.22	74.00	-12.78
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-58.55	-58.65	-43.92	51.34	54.00	-2.66

An array gain of 11.67 dBi was used in the calculation of the summed data. Fast sweep was performed just to show that no other emissions existed outside of the frequencies observed by the slow sweep measurement.

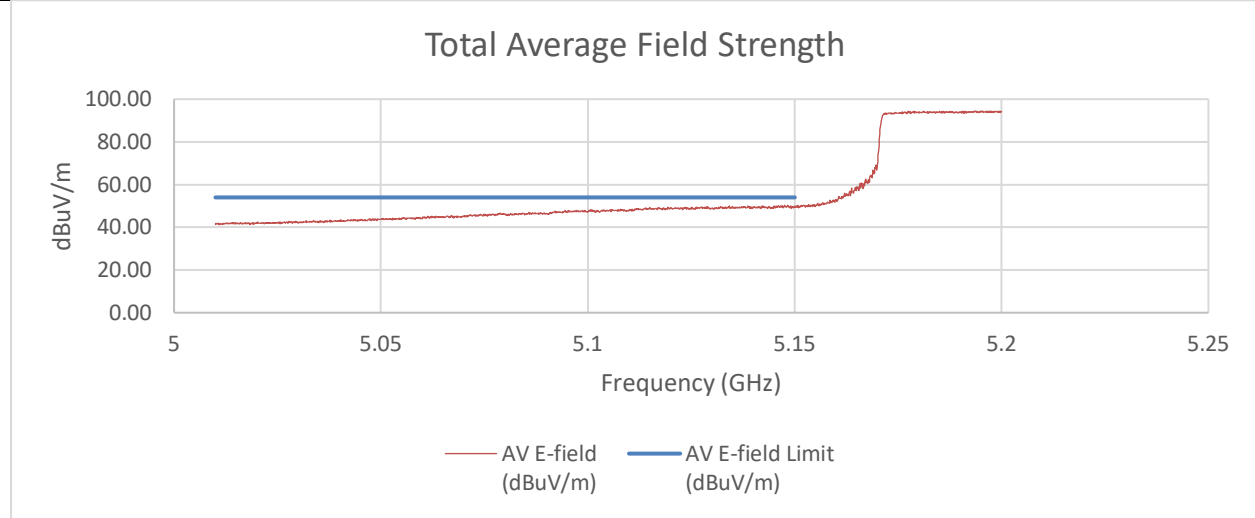
10.1.5. TX ABOVE 1 GHz 802.11n VHT160 MODE IN THE 5.2/5.3 GHz BAND

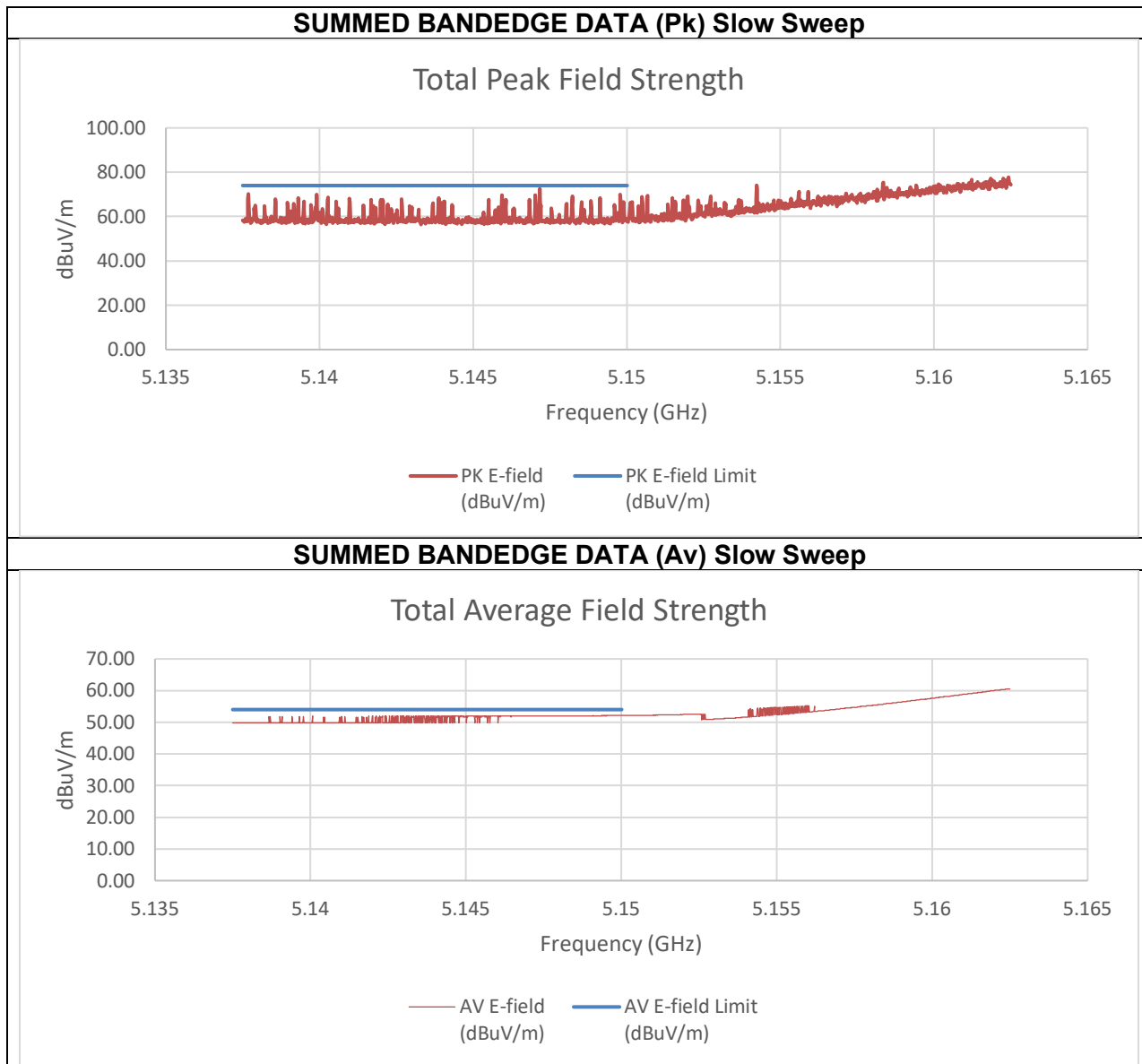
2TX CHAIN 0 + CHAIN 1 MODE (Low Gain) Low BE 5250 MHz

SUMMED BANDEDGE DATA (Pk) Fast Method



SUMMED BANDEDGE DATA (Av) Fast Method





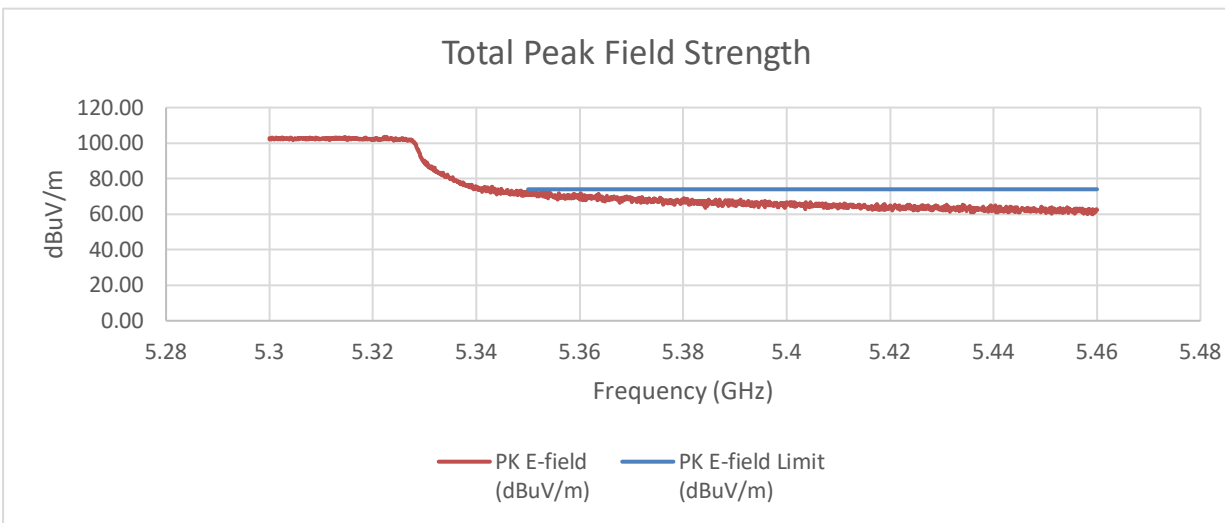
Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.15	-48.04	-48.40	-37.00	58.26	74.00	-15.74
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.15	-55.94	-53.22	-43.15	52.11	54.00	-1.89

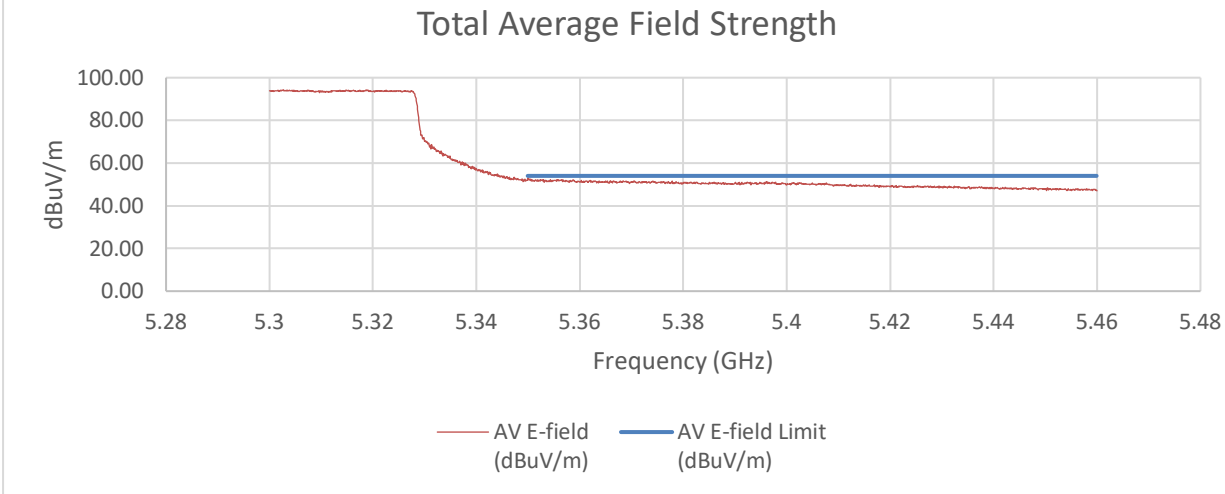
An array gain of 8.21 dBi was used in the calculation of the summed data. Fast sweep was performed just to show that no other emissions existed outside of the frequencies observed by the slow sweep measurement.

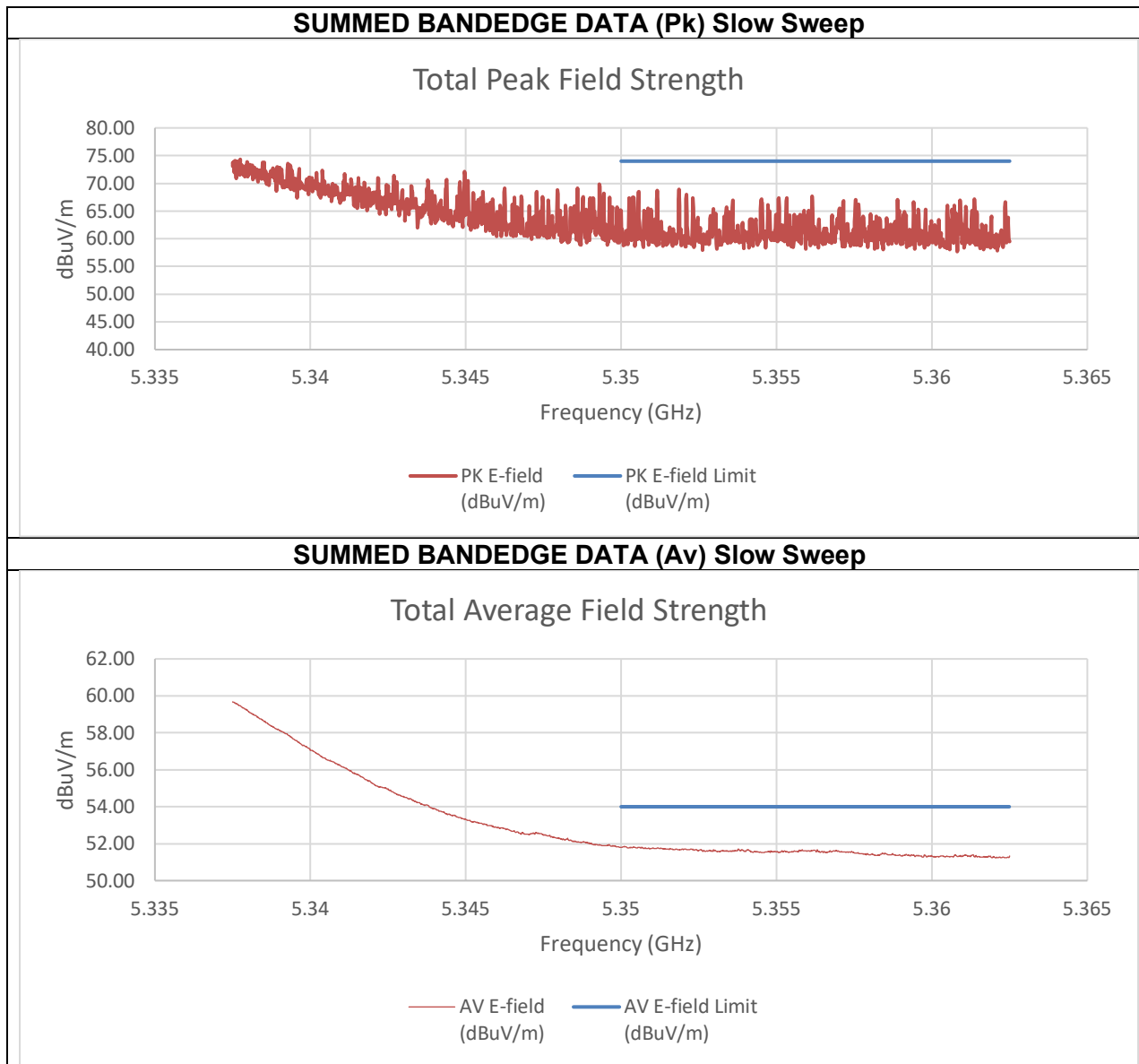
2TX CHAIN 0 + CHAIN 1 MODE (Low Gain) High BE 5250 MHz

SUMMED BANDEDGE DATA (Pk) Fast Method



SUMMED BANDEDGE DATA (Av) Fast Method





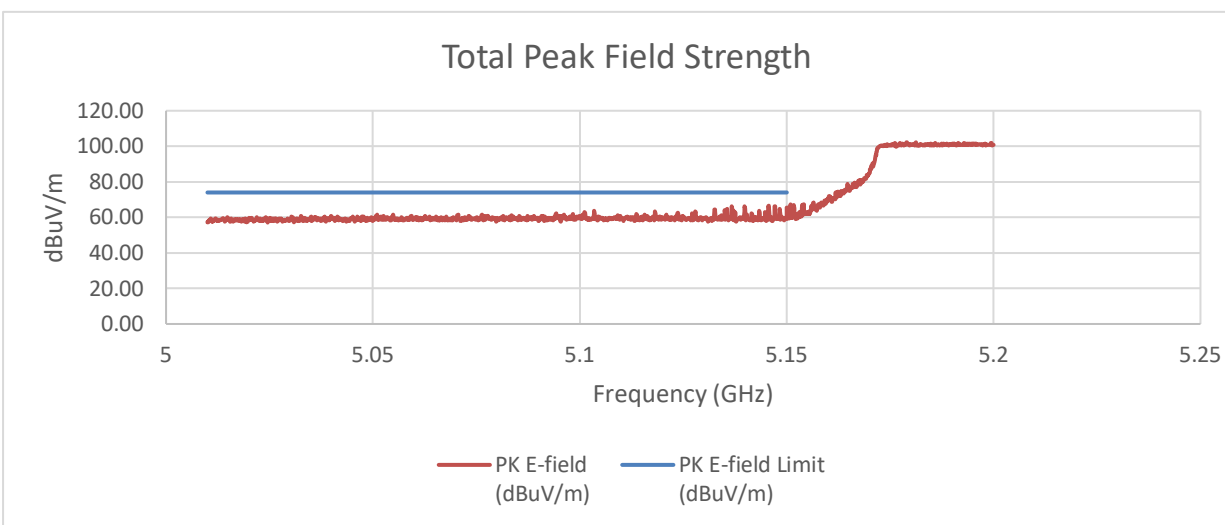
Summed Pk and Av Data at Restricted Band

Frequency (GHz)	PK Reading C1 (dBm)	PK Reading C2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
5.35	-39.55	-44.45	-30.12	65.14	74.00	-8.86
Frequency (GHz)	AV Reading C1 (dBm)	AV Reading C2 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
5.35	-56.10	-53.63	-43.47	51.79	54.00	-2.21

An array gain of 8.21 dBi was used in the calculation of the summed data. Fast sweep was performed just to show that no other emissions existed outside of the frequencies observed by the slow sweep measurement.

2TX CHAIN 0 + CHAIN 1 MODE (Mid Gain) Low BE 5250 MHz

SUMMED BANDEDGE DATA (Pk) Fast Method



SUMMED BANDEDGE DATA (Av) Fast Method

