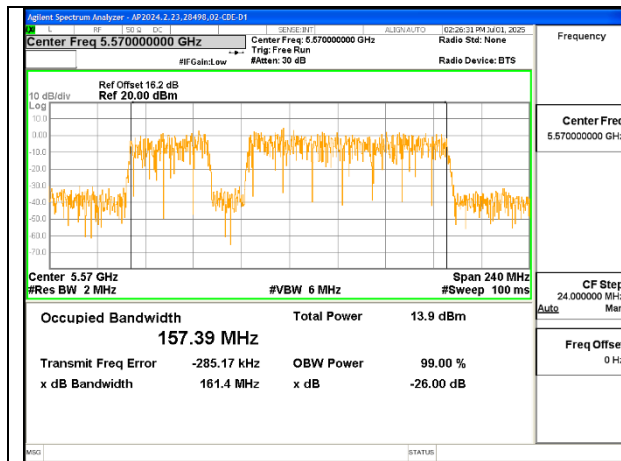
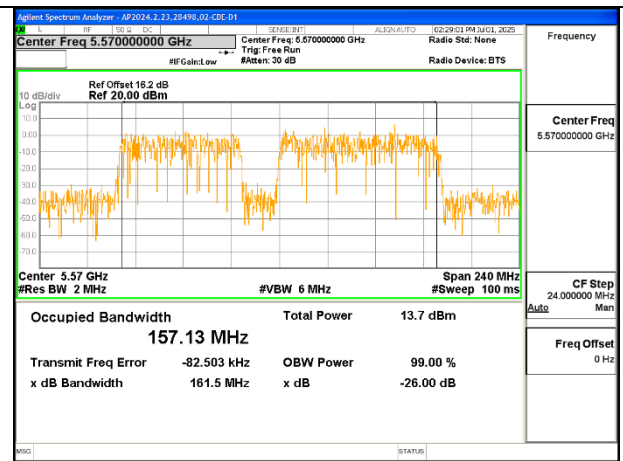
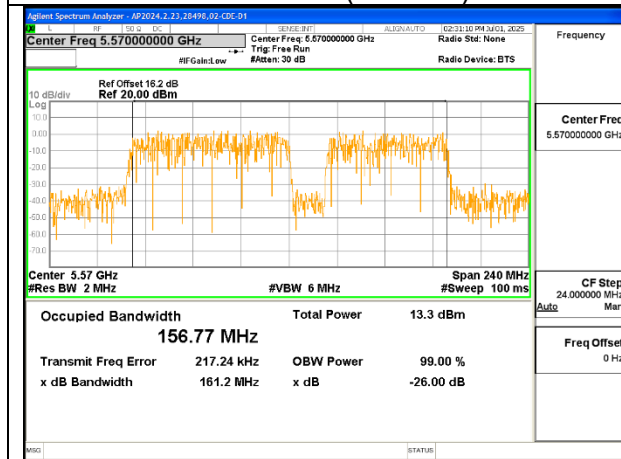




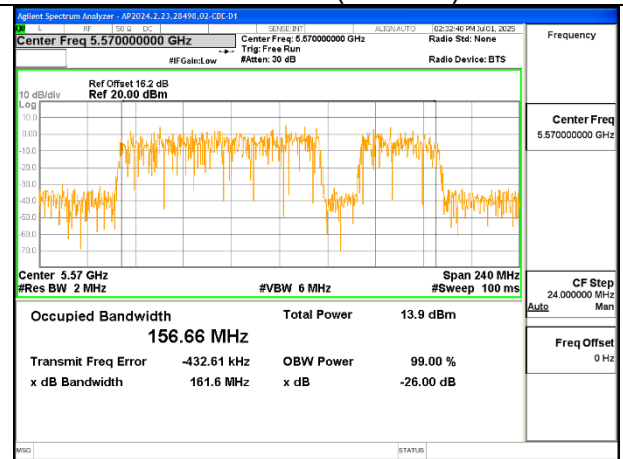
160MHz – 996+484+242T – Low Channel –
Puncture Pattern 4 – (UNII-2C) – ANT 5



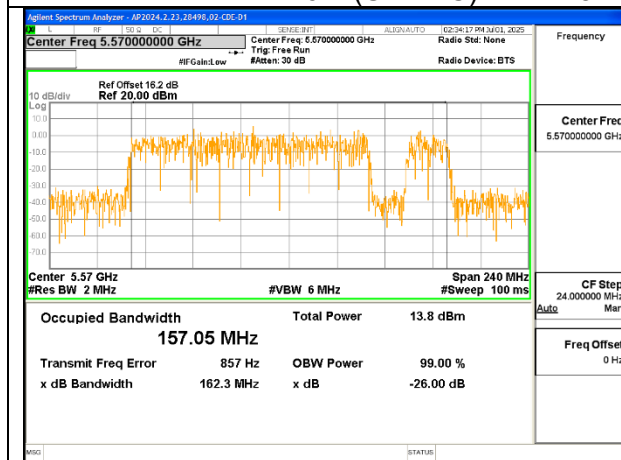
160MHz – 996+484+242T – Low Channel –
Puncture Pattern 8 – (UNII-2C) – ANT 5



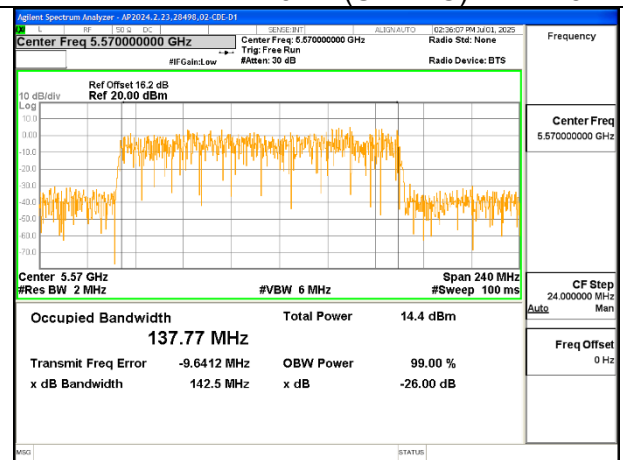
160MHz – 996+484+242T – Low Channel –
Puncture Pattern 16 – (UNII-2C) – ANT 5



160MHz – 996+484+242T – Low Channel –
Puncture Pattern 32 – (UNII-2C) – ANT 5



160MHz – 996+484+242T – Low Channel –
Puncture Pattern 64 – (UNII-2C) – ANT 5



160MHz – 996+484+242T – Low Channel –
Puncture Pattern 128 – (UNII-2C) – ANT 5

9.4.6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

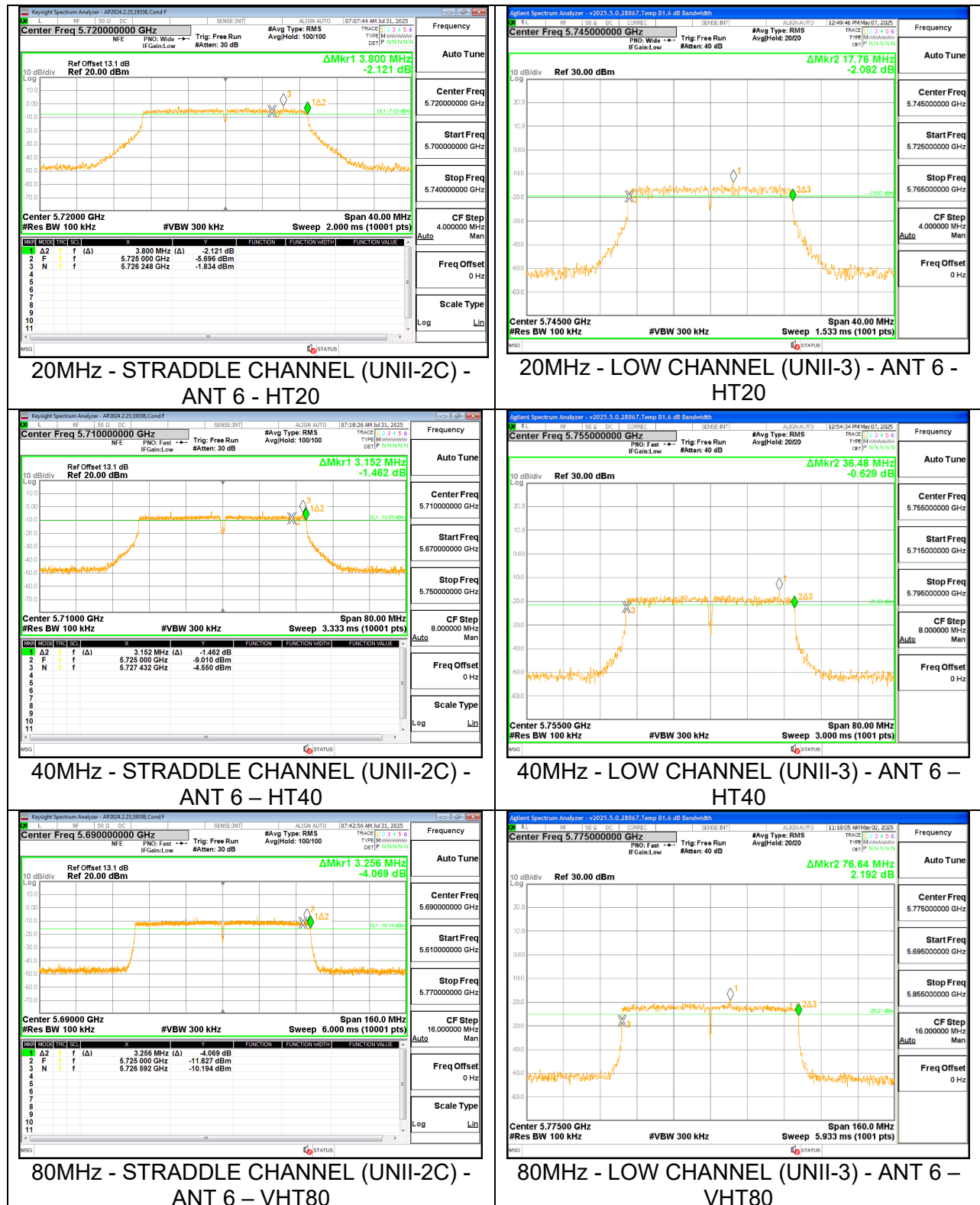
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

For 6dB bandwidth measurements, the 802.11be EHT20 was tested at 26T as a worst-case scenario. For straddle channels, 52T was tested as the worst-case as 26T is not supported.

9.4.1. 802.11n/ac SISO MODE IN THE 5.8 GHz BAND

UNII-3 (SISO)	Frequency (MHz)	Channel Number	6 dB BW (MHz)	
			Ant 6	Ant 5
HT20	5720 (Straddle)	144	3.80	3.76
	5745	149	17.76	17.60
	5785	157	17.68	17.84
	5825	165	17.84	17.80
HT40	5710 (Straddle)	142	3.15	3.16
	5755	151	36.48	36.56
	5795	159	36.56	36.72
VHT80	5690 (Straddle)	138	3.26	3.22
	5775	155	76.64	75.20

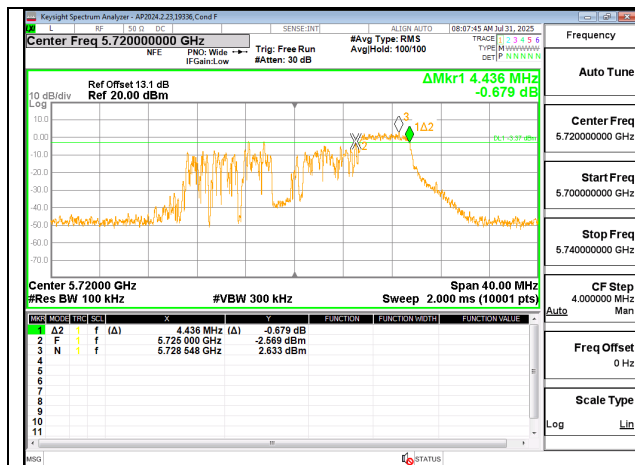


9.4.2. 802.11n/ac MIMO CDD MODE IN THE 5.8 GHz BAND

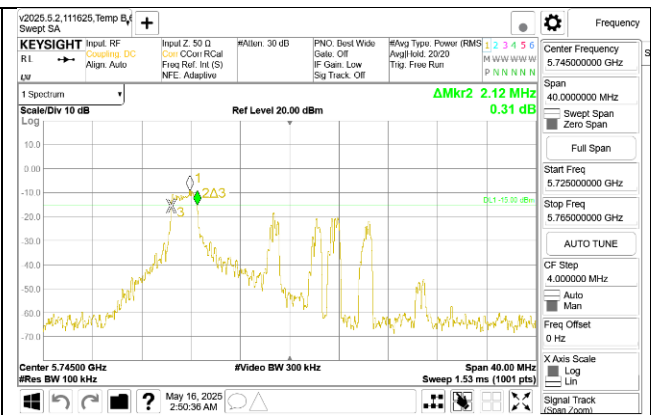
UNII-3 (MIMO CDD)	Frequency (MHz)	Channel Number	6 dB BW (MHz)	
			Ant 6	Ant 5
HT20	5720 (Straddle)	144	3.75	3.75
	5745	149	17.84	17.68
	5785	157	17.80	17.72
	5825	165	17.60	17.64
HT40	5710 (Straddle)	142	3.14	3.16
	5755	151	36.48	36.48
	5795	159	36.48	36.16
VHT80	5690 (Straddle)	138	3.24	3.24
	5775	155	76.64	76.64

9.4.3. 802.11be SISO MODE IN THE 5.8 GHz BAND

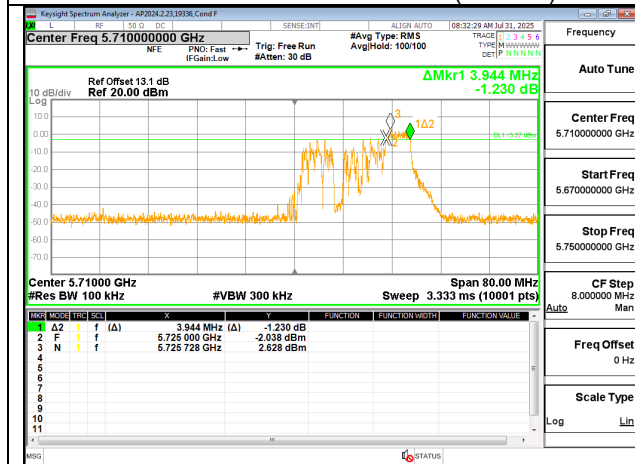
UNII-3 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	6 dB BW (MHz)	
					Ant 6	Ant 5
EHT20	5720 (Straddle)	144	SU	--	--	--
			52T			
				40	4.44	4.42
	5745	149	SU	--	--	--
			26T	0	2.12	2.12
				4	2.64	2.68
				8	2.08	2.04
	5785	157	SU	--	--	--
			26T	0	2.04	2.04
				4	2.60	2.64
				8	2.04	2.08
	5825	165	SU	--	--	--
			26T	0	2.04	2.04
				4	2.60	2.64
				8	2.08	2.08
EHT40	5710 (Straddle)	142	SU	--	--	--
			52T			
				44	3.94	3.98
	5755	151	SU	--	--	--
			26T	0	2.16	2.16
				9	2.16	2.24
				17	2.16	2.16
	5795	159	SU	--	--	--
			26T	0	2.16	2.16
				9	2.16	2.16
EHT80	5690 (Straddle)	138	SU	--	--	--
			52T			
				52	3.99	3.99
	5775	155	SU	--	--	--
			26T	0	2.08	2.06
				17	2.10	2.11
				36	2.06	2.05



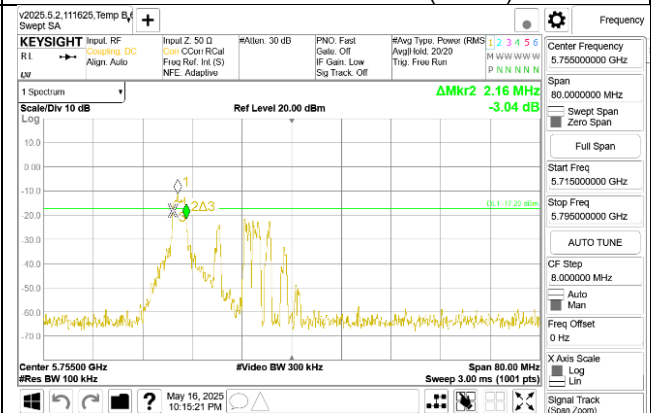
20MHz – Straddle Channel – 52T RU40 (UNII-2C) – Ant 6



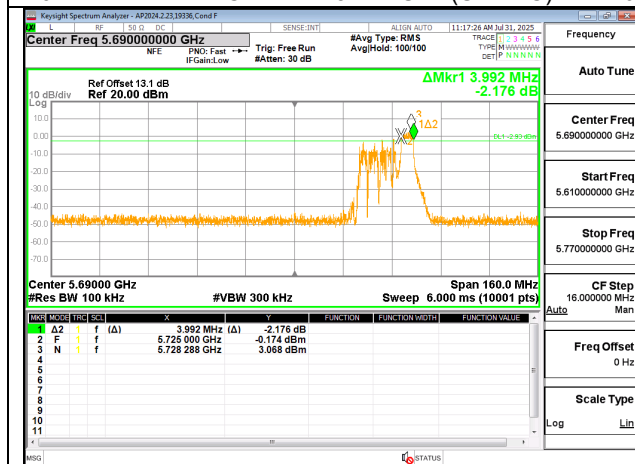
20MHz – Low Channel – 26T RU0 (UNII-3) – Ant 6



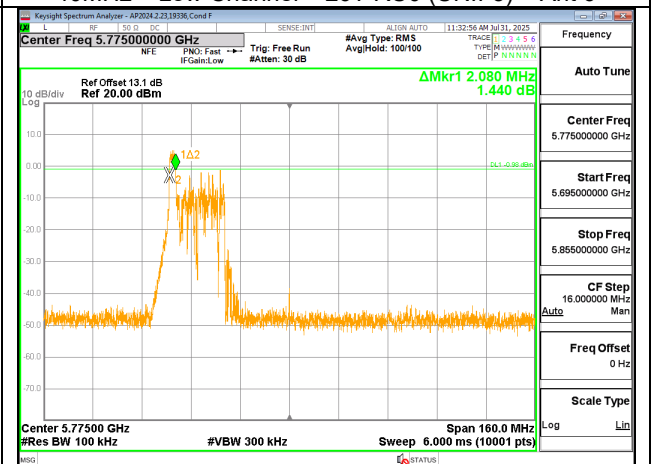
40MHz – Straddle Channel – 52T RU44 (UNII-2C) – Ant 6



40MHz – Low Channel – 26T RU0 (UNII-3) – Ant 6



80MHz – Straddle Channel – 52T RU52 (UNII-2C) – Ant 6



80MHz – Low Channel – 26T RU0 (UNII-3) – Ant 6

9.4.4. 802.11be MIMO CDD MODE IN THE 5.8 GHz BAND

UNII-3 (MIMO CDD)	Frequency (MHz)	Channel Number	Tone	RU Index	6 dB BW (MHz)	
					Ant 6	Ant 5
EHT20	5720 (Straddle)	144	SU	--	--	--
			52T			
				40	4.37	4.43
	5745	149	SU	--	--	--
			26T	0	2.04	2.12
				4	2.56	2.64
				8	2.08	2.04
	5785	157	SU	--	--	--
			26T	0	2.08	2.04
				4	2.64	2.56
				8	2.16	2.04
	5825	165	SU	--	--	--
			26T	0	2.04	2.04
				4	2.60	2.64
				8	2.04	2.04
EHT40	5710 (Straddle)	142	SU	--	--	--
			52T			
				44	3.98	4.01
	5755	151	SU	--	--	--
			26T	0	2.08	2.16
				9	2.16	2.16
				17	2.16	2.24
	5795	159	SU	--	--	--
			26T	0	2.16	2.16
				9	2.08	2.16
				17	2.24	2.16
EHT80	5690 (Straddle)	138	SU	--	--	--
			52T			
				52	3.99	3.99
	5775	155	SU	--	--	--
			26T	0	2.03	2.10
				18	2.11	2.11
				36	2.08	2.08

9.5. OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.15–5.25 GHz

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

Bands 5.25-5.35 GHz and 5.47-5.725 GHz

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

Band 5.725-5.85 GHz

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

TEST PROCEDURE

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

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

For all straddle channels, full bandwidth power and PSD/MHz are reported in the 5.6GHz section because the combined 5.6GHz and 5.8GHz power and PSD/MHz already passed the worst-case 5.6GHz power and 5.8 GHz PSD/500kHz limits.

11n HT20 and 11ax HE20 and 11be EHT20 straddle channel 26dB bandwidth= $(26\text{dB BW}/2)+5$

11n HT20 and 11ax HE20 and 11be EHT20 straddle channel 99% bandwidth= $(99\% \text{ BW}/2)+5$

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

Tx chains are uncorrelated for CDD/SDM mode power and SDM mode PSD limits, and correlated for CDD PSD limits. The directional gains are as follows:

Band (GHz)	ANT6 Gain (dBi)	ANT5 Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)	Correlated Chains Directional Gain (dBi)
5.2	3.10	-6.90	0.50	2.48
5.3	3.50	-7.50	0.82	2.65
5.6	2.70	-4.80	0.40	2.75
5.8	2.30	-4.80	0.06	2.47

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10-2020 section 14.6.3

Uncorrelated directional gain= $10 \cdot \log((10^{(Ant6/10)} + 10^{(Ant5/10)})/2)$

Correlated directional Gain= $10 \cdot \log(((10^{(Ant6/20)} + 10^{(Ant5/20)})^2)/2)$

Sample Calculation at 5.2GHz Band:

Ant6=3.10, Ant5=-6.90

Uncorrelated Antenna gain= $10 \log[(10^{(3.10/10)} + 10^{(-6.90/10)})/2] = 0.50 \text{ dBi}$

Correlated Antenna gain= $10 \log[(10^{(3.10/20)} + 10^{(-6.90/20)})^2/2] = 2.48 \text{ dBi}$

Output Power Calculation:**1Tx**

Total corr'd power = Ant6

Sample Calculation at 5.2GHz Band (Low Channel HT20):

ANT 6 Power = 18.97 dBm (Gated Power)

Total corr'd power = 18.97 dBm

2Tx

Total corr'd power = $10 \cdot \text{LOG}(10^{(\text{Ant6}/10)} + 10^{(\text{Ant5}/10)})$

Sample Calculation at 5.2GHz Band CDD (Low Channel HT20):

Ant6 Power = 17.48 dBm, Ant5 Power = 17.44

Total corr'd power = $10 \cdot \text{LOG}(10^{(17.48/10)} + 10^{(17.44/10)}) = 20.47 \text{ dBm}$

PSD Calculation:**1Tx**

Total corr'd PSD = DCCF + Ant6

Sample Calculation at 5.2GHz Band (Low Channel HT20):

Ant6 PSD = 7.714 dBm/MHz

Total corr'd PSD = $0.00 + 7.714 = 7.714 \text{ dBm/MHz}$

2Tx

Total corr'd PSD = $(10 \cdot \text{LOG}(10^{((\text{DCCF} + \text{Ant6})/10)} + 10^{((\text{DCCF} + \text{Ant5})/10)}))$

Sample Calculation at 5.2GHz Band CDD (Low Channel HT20):

Ant6 PSD = 5.608 dBm/MHz, Ant5 PSD = 5.409 dBm/MHz

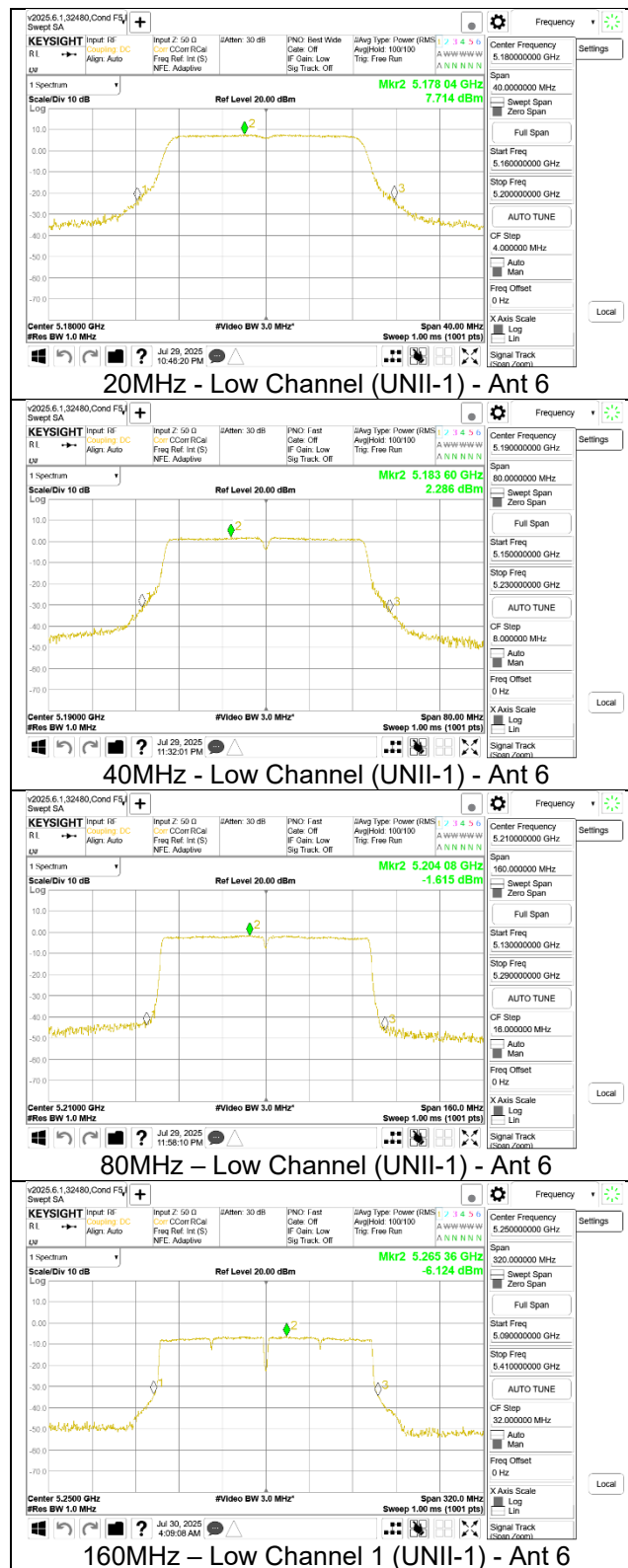
Total corr'd PSD = $(10 \cdot \text{LOG}(10^{((0.00 + (5.608))/10)} + 10^{((0.00 + (5.409))/10)}))$
= 8.520 dBm/MHz

9.5.1. 802.11n/ac SISO MODE IN THE UNII-1 BAND

UNII-1 (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00
Ant 6 (dBi)	3.10			
Ant 5 (dBi)	-6.90			

UNII-2A (SISO)	
Straddle Channel	
Ant 6 (dBi)	3.50
Ant 5 (dBi)	-7.50

UNII-1 (SISO)	Freq (MHz)	Ch. #	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		Total EIRP Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
HT20 (FCC)	5180	36	--		24	24	18.97	19.48	18.97	19.48	-	-	11	11	7.714	8.433	7.714	8.433
	5200	40					19.91	20.47	19.91	20.47	-	-			8.699	9.213	8.699	9.213
	5220	44					19.98	20.45	19.98	20.45	-	-			8.485	9.200	8.485	9.200
	5240	48					19.99	20.48	19.99	20.48	-	-			8.512	9.460	8.512	9.460
HT40 (FCC)	5190	38	--		24	24	16.43	16.96	16.43	16.96	-	-	11	11	2.266	2.667	2.266	2.667
	5230	46					19.99	20.47	19.99	20.47	-	-			5.380	5.877	5.380	5.877
VHT80 (FCC)	5210	42	--		24	24	16.46	16.97	16.46	16.97	-	-	11	11	-1.615	-0.796	-1.615	-0.796
VHT160 (FCC)	5250 (Straddle)	50	--		24	24	14.42	14.99	14.42	14.99	-	-	11	11	-6.124	-5.346	-6.124	-5.346



9.5.2. 802.11n/ac MIMO CDD MODE IN THE UNII-1 BAND

UNII-1 (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00
Un-Correlated Gain (dBi)	0.50			
Correlated Gain (dBi)	2.48			

UNII-2A (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	0.82
Correlated Gain (dBi)	2.65

UNII-1 (MIMO CDD)	Freq (MHz)	Ch. #	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	Total MIMO EIRP Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
					Ant 6	Ant 5				Ant 6	Ant 5	
HT20 (FCC)	5180	36	--	24	17.48	17.44	20.47	-	11	5.608	5.409	8.520
	5200	40			18.15	18.12	21.15	-		6.342	6.667	9.518
	5220	44			18.02	18.08	21.06	-		6.685	6.534	9.620
	5240	48			18.27	18.25	21.27	-		6.819	6.556	9.700
HT40 (FCC)	5190	38	--	24	15.91	15.94	18.94	-	11	1.355	1.727	4.555
	5230	46			19.96	19.98	22.98	-		5.319	5.492	8.417
VHT80 (FCC)	5210	42	--	24	15.46	15.49	18.49	-	11	-2.284	-1.846	0.951
VHT160 (FCC)	5250 (Straddle)	50	--	24	13.92	13.95	16.95	-	11	-5.931	-6.134	-3.021

9.5.3. 802.11n/ac SISO MODE IN THE UNII-2A BAND

UNII-2A (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00
Ant 6 (dBi)	3.50			
Ant 5 (dBi)	-7.50			

UNII-1 (SISO)	
Straddle Channel	
Ant 6 (dBi)	3.10
Ant 5 (dBi)	-6.90

UNII-2A (SISO)	Freq (MHz)	Ch. #	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
HT20	5260	52	23.31	22.34	24.00	24.00	19.98	20.47	19.98	20.47	11.00	11.00	9.215	9.734	9.215	9.734
	5300	60	23.50	22.66	24.00	24.00	19.93	20.41	19.93	20.41			9.116	9.706	9.116	9.706
	5320	64	24.00	22.88	24.00	24.00	18.97	19.45	18.97	19.45			7.984	8.353	7.984	8.353
HT40	5270	54	47.14	45.36	24.00	24.00	19.98	20.46	19.98	20.46	11.00	11.00	6.198	6.712	6.198	6.712
	5310	62	45.23	44.05	24.00	24.00	16.90	17.45	16.90	17.45			2.882	3.137	2.882	3.137
VHT80	5290	58	84.17	83.30	24.00	24.00	16.97	17.47	16.97	17.47	11.00	11.00	0.002	0.582	0.002	0.582
VHT160	5250 (Straddle)	50	168.50	168.90	24.00	24.00	14.42	14.99	14.42	14.99	11.00	11.00	-6.124	-5.346	-6.124	-5.346

9.5.4. 802.11n/ac MIMO CDD MODE IN THE UNII-2A BAND

UNII-2A (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00
Un-Correlated Gain (dBi)	0.82			
Correlated Gain (dBi)	2.65			

UNII-1 (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	0.50
Correlated Gain (dBi)	2.48

UNII-2A (MIMO CDD)	Freq (MHz)	Ch. #	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
					Ant 6	Ant 5			Ant 6	Ant 5	
HT20	5260	52	22.82	24.00	18.26	18.29	21.29	11.00	7.607	7.655	10.641
	5300	60	22.92	24.00	18.18	18.12	21.16		7.144	7.207	10.186
	5320	64	22.77	24.00	17.54	17.53	20.55		6.438	6.749	9.607
HT40	5270	54	44.48	24.00	19.98	19.93	22.97	11.00	5.654	5.773	8.724
	5310	62	44.73	24.00	15.44	15.46	18.46		1.207	1.299	4.264
VHT80	5290	58	159.40	24.00	16.34	16.47	19.42	11.00	-0.928	-0.880	2.106
VHT160	5250 (Straddle)	50	162.22	24.00	13.92	13.95	16.95	11.00	-5.931	-6.134	-3.021

9.5.5. 802.11n/ac SISO MODE IN THE UNII-2C BAND

UNII-2C (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00
Ant 6 (dBi)	2.70			
Ant 5 (dBi)	-4.80			

UNII-3 (SISO)	
Straddle Channel	
Ant 6 (dBi)	2.30
Ant 5 (dBi)	-4.80

UNII-2C (SISO)	Freq (MHz)	Ch. #	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
HT20 (FCC)	5500	100	22.78	22.39	24.00	24.00	19.44	19.97	19.44	19.97	11.00	11.00	8.487	9.016	8.487	9.016
	5580	116	22.97	22.25	24.00	24.00	19.98	20.47	19.98	20.47			8.890	9.523	8.890	9.523
	5700	140	22.64	22.35	24.00	24.00	16.90	17.42	16.90	17.42			6.086	6.973	6.086	6.973
	5720 (Straddle)	144	22.95	22.35	24.00	24.00	19.98	20.41	19.98	20.41			8.903	9.423	8.903	9.423
HT40 (FCC)	5510	102	44.13	44.76	24.00	24.00	15.94	16.45	15.94	16.45	11.00	11.00	2.012	2.527	2.012	2.527
	5550	110	44.31	44.31	24.00	24.00	19.95	20.40	19.95	20.40			6.054	6.446	6.054	6.446
	5670	134	44.20	44.75	24.00	24.00	19.44	19.91	19.44	19.91			5.431	5.709	5.431	5.709
	5710 (Straddle)	142	45.70	44.76	24.00	24.00	19.93	20.45	19.93	20.45			5.986	6.291	5.986	6.291
VHT80 (FCC)	5530	106	86.19	85.57	24.00	24.00	16.99	17.46	16.99	17.46	11.00	11.00	-0.117	0.332	-0.117	0.332
	5610	122	84.83	85.40	24.00	24.00	19.92	20.49	19.92	20.49			2.632	3.161	2.632	3.161
	5690 (Straddle)	138	85.08	85.92	24.00	24.00	19.91	20.38	19.91	20.38			2.558	2.991	2.558	2.991
VHT160 (FCC)	5570	114	163.02	162.49	24.00	24.00	15.43	15.92	15.43	15.92	11.00	11.00	-4.881	-4.333	-4.881	-4.333

9.5.6. 802.11n/ac MIMO CDD MODE IN THE UNII-2C BAND

UNII-2C (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00
Un-Correlated Gain (dBi)	0.40			
Correlated Gain (dBi)	2.75			

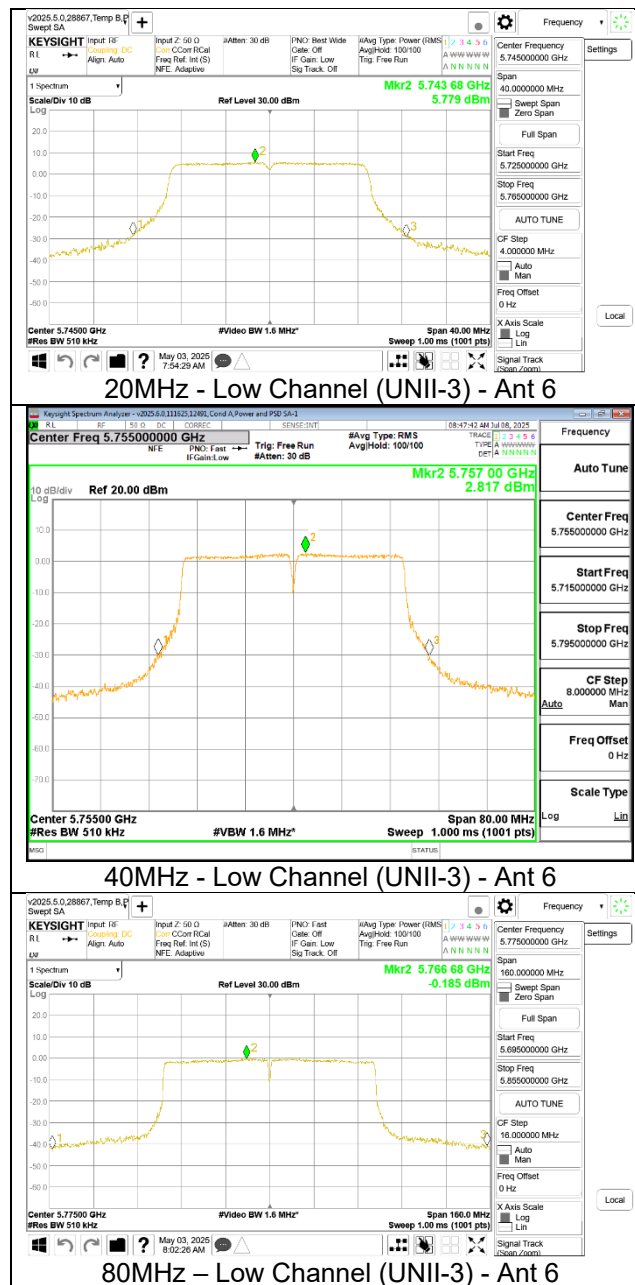
UNII-3 (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	0.06
Correlated Gain (dBi)	2.47

UNII-2C (MIMO CDD)	Freq (MHz)	Ch. #	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
					Ant 6	Ant 5			Ant 6	Ant 5	
HT20 (FCC)	5500	100	22.13	24.00	17.46	17.43	20.46	11.00	6.455	6.450	9.463
	5580	116	22.66	24.00	18.14	18.19	21.18		7.118	7.227	10.183
	5700	140	22.21	24.00	16.47	16.45	19.47		5.513	5.562	8.548
	5720 (Straddle)	144	22.19	24.00	18.22	18.24	21.24		7.258	7.256	10.267
HT40 (FCC)	5510	102	42.97	24.00	14.98	14.92	17.96	11.00	-0.060	0.099	3.031
	5550	110	43.21	24.00	19.98	19.96	22.98		5.092	4.993	8.053
	5670	134	42.89	24.00	18.97	18.93	21.96		3.904	3.895	6.910
	5710 (Straddle)	142	42.56	24.00	19.87	19.97	22.93		4.799	5.074	7.949
VHT80 (FCC)	5530	106	83.78	24.00	16.41	16.48	19.46	11.00	-1.507	-1.192	1.664
	5610	122	83.79	24.00	19.88	19.94	22.92		2.280	2.382	5.342
	5690 (Straddle)	138	83.81	24.00	19.95	19.96	22.97		2.138	2.277	5.218
VHT160 (FCC)	5570	114	162.70	24.00	14.95	14.86	17.92	11.00	-5.121	-5.201	-2.151

9.5.7. 802.11n/ac SISO MODE IN THE UNII-3 BAND

UNII-3 (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.00	0.00	N/A
Ant 6 (dBi)	2.30			
Ant 5 (dBi)	-4.80			

UNII-3 (SISO)	Freq (MHz)	Ch. #	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/500kHz)	
			Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
HT20	5745	149	--		30	30	19.90	20.39	19.90	20.39	30	30	5.779	5.912	5.779	5.912
	5785	157					19.88	20.41	19.88	20.41			5.784	6.010	5.784	6.010
	5825	165					19.93	20.49	19.93	20.49			5.826	6.260	5.826	6.260
HT40	5755	151	--		30	30	19.87	20.46	19.87	20.46	30	30	2.817	3.087	2.817	3.087
	5795	159					19.88	20.44	19.88	20.44			2.765	3.205	2.765	3.205
VHT80	5775	155	--		30	30	19.99	20.46	19.99	20.46	30	30	-0.185	-0.100	-0.185	-0.100



9.5.8. 802.11n/ac MIMO CDD MODE IN THE UNII-3 BAND

UNII-3 (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.00	0.00	N/A
Un-Correlated Gain (dBi)	0.06			
Correlated Gain (dBi)	2.47			

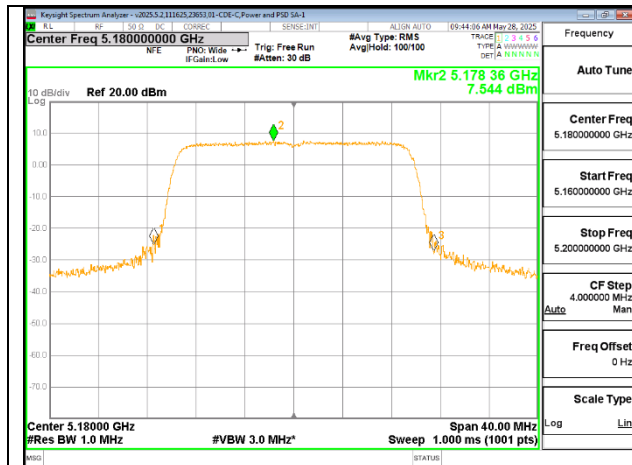
UNII-3 (MIMO CDD)	Freq (MHz)	Ch. #	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/500kHz)	PSD (dBm/500kHz)		Total MIMO Corrected PSD (dBm/500kHz)
					Ant 6	Ant 5			Ant 6	Ant 5	
HT20	5745	149	--	30	19.97	19.96	22.98	30	5.676	5.484	8.591
	5785	157			19.89	19.99	22.95		5.510	5.548	8.539
	5825	165			19.94	19.97	22.97		5.601	5.769	8.696
HT40	5755	151	--	30	19.99	19.98	23.00	30	3.196	2.772	5.999
	5795	159			19.90	19.92	22.92		2.942	2.930	5.946
VHT80	5775	155	--	30	19.93	19.98	22.97	30	-0.089	-0.426	2.756

9.5.9. 802.11be SISO MODE IN THE UNII-1 BAND

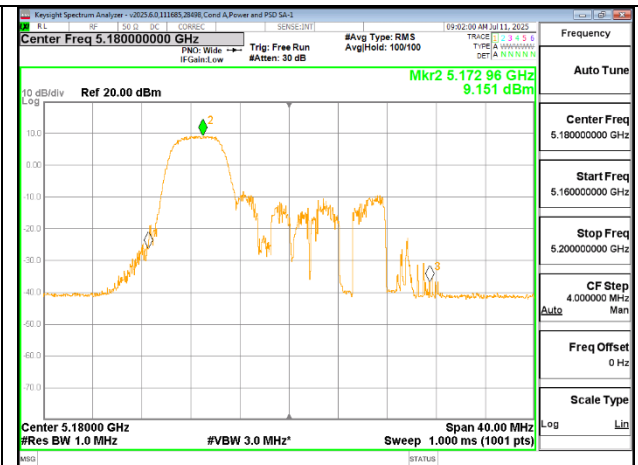
UNII-1 (SISO)	20MHz		40MHz			80MHz			160MHz		
	SU	52T	SU	26T	242T	SU	52T	242T	SU	52T	242T
DCCF (MCS0) (dB)	0.00	0.10	0.00	0.11	0.00	0.00	0.10	0.00	0.00	0.10	0.00
Ant 6 (dBi)	3.10										
Ant 5 (dBi)	-6.90										

UNII-2A (SISO)	
Straddle Channel	
Ant 6 (dBi)	3.50
Ant 5 (dBi)	-7.50

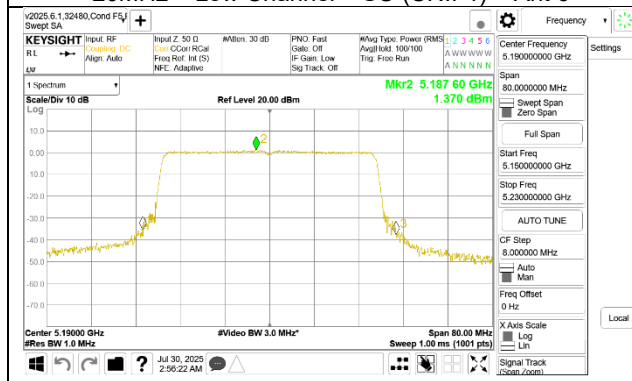
UNII-1 (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		Total EIRP Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)						
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5			
EHT20 (FCC)	5180	36	SU	--	--	24.00	24.00	17.94	18.47	17.94	18.47	-	-	11.00	11.00	7.544	8.288	7.544	8.288						
			37	14.88				14.79	14.88	14.79	-	-	9.151			9.738	9.251	9.838							
			38	14.93				14.74	14.93	14.74	-	-	9.113			9.718	9.213	9.818							
			40	14.86				14.69	14.86	14.69	-	-	9.492			9.813	9.592	9.913							
	5200	40	SU	--				19.93	20.45	19.93	20.45	-	-			9.659	10.560	9.659	10.560						
			37	14.88				14.76	14.88	14.76	-	-	9.484			9.380	9.584	9.480							
			38	14.88				14.75	14.88	14.75	-	-	9.276			9.300	9.376	9.400							
			40	14.84				14.72	14.84	14.72	-	-	9.657			9.206	9.757	9.306							
	5220	44	SU	--				19.91	20.44	19.91	20.44	-	-			9.989	10.547	9.989	10.547						
			37	14.88				15.09	14.88	15.09	-	-	9.764			9.726	9.864	9.826							
			38	14.84				15.04	14.84	15.04	-	-	9.430			9.850	9.530	9.950							
			40	14.85				15.07	14.85	15.07	-	-	9.655			9.938	9.755	10.038							
	5240	48	SU	--				19.92	20.47	19.92	20.47	-	-			9.702	10.463	9.702	10.463						
			37	14.74				14.69	14.74	14.69	-	-	9.620			9.483	9.720	9.583							
			38	14.79				14.62	14.79	14.62	-	-	9.537			9.489	9.637	9.589							
			40	14.71				14.67	14.71	14.67	-	-	9.594			9.497	9.694	9.597							
EHT40 (FCC)	5190	38	SU	--	--	24.00	24.00	15.99	16.47	15.99	16.47	-	-	11.00	11.00	1.370	2.151	1.370	2.151						
			0	12.29				12.28	12.29	12.28	-	-	9.332			9.246	9.442	9.356							
			9	12.27				12.25	12.27	12.25	-	-	9.562			9.277	9.672	9.387							
			17	12.29				12.22	12.29	12.22	-	-	9.386			9.230	9.496	9.340							
			242T	61				17.99	18.45	17.99	18.45	-	-			7.823	7.369	7.823	7.369						
	5230	46	SU	--				19.91	20.45	19.91	20.45	-	-			5.170	5.841	5.170	5.841						
			0	12.16				12.02	12.16	12.02	-	-	9.225			8.767	9.335	8.877							
			9	12.13				12.04	12.13	12.04	-	-	9.139			9.133	9.249	9.243							
			17	12.17				12.06	12.17	12.06	-	-	9.347			8.761	9.457	8.871							
			61	19.94				20.48	19.94	20.48	-	-	9.561			9.356	9.561	9.356							
EHT80 (FCC)	5210	42	SU	--	--	24.00	24.00	19.97	20.41	19.97	20.41	-	-	11.00	11.00	9.468	8.752	9.468	8.752						
			37	16.48				16.97	16.48	16.97	-	-	0.046			0.870	0.046	0.870							
			45	15.06				14.99	15.06	14.99	-	-	10.896			10.603	10.996	10.703							
			52	14.99				14.92	14.99	14.92	-	-	10.712			10.275	10.812	10.375							
			61	15.06				14.91	15.06	14.91	-	-	10.636			10.598	10.736	10.698							
	242T	61	17.98	18.46				17.98	18.46	-	-	7.229	7.603			7.229	7.603								
	EHT160 (FCC)	5250 (Straddle)	50	SU				--	--	24.00	24.00	14.47	14.93			14.47	14.93	-	-	11.00	11.00	-6.733	-5.832	-6.733	-5.832
				37				13.10				13.64	13.10			13.64	-	-	7.993			8.403	8.093	8.503	
				52				13.16				13.67	13.16			13.67	-	-	7.919			8.293	8.019	8.393	
				52				13.16				13.63	13.16			13.63	-	-	8.127			8.454	8.227	8.554	
61				17.94	18.43	17.94	18.43	-				-	6.251	6.556	6.251	6.556									
242T	S64	17.93	18.46	17.93	18.46	-	-	5.977				6.546	5.977	6.546											



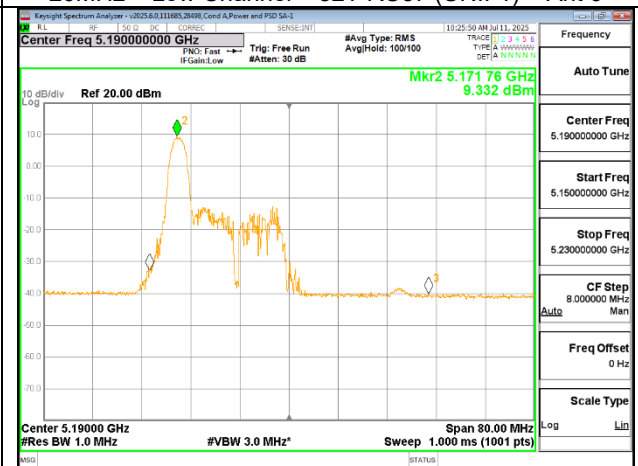
20MHz – Low Channel – SU (UNII-1) – Ant 6



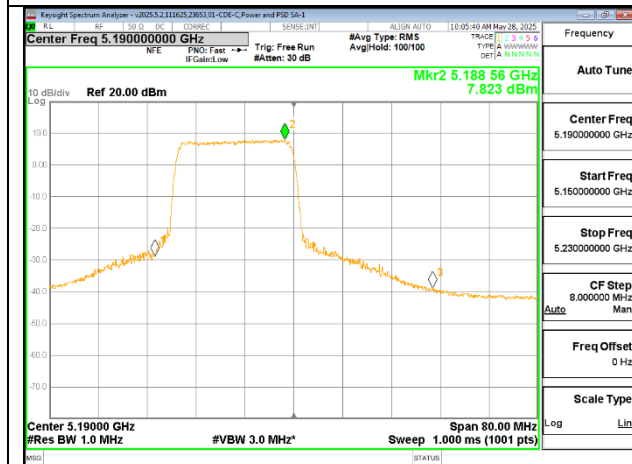
20MHz – Low Channel – 52T RU37 (UNII-1) – Ant 6



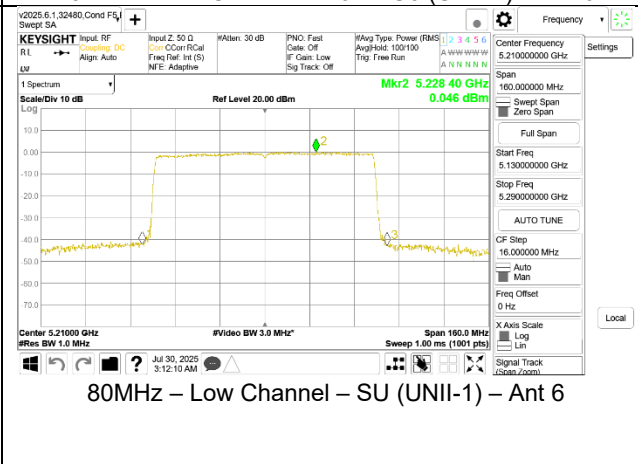
40MHz – Low Channel – SU (UNII-1) – Ant 6



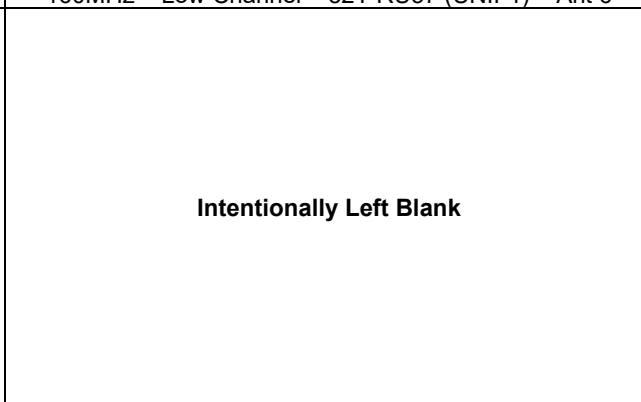
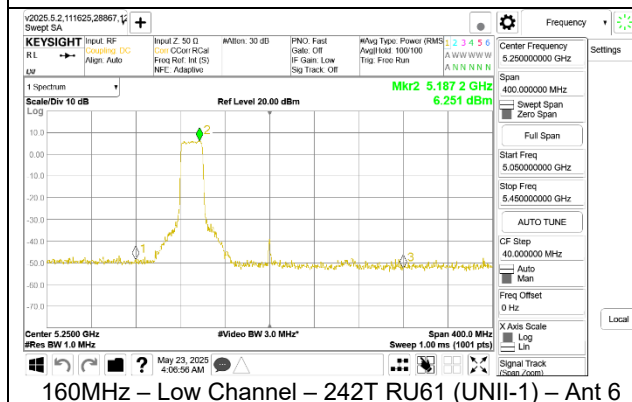
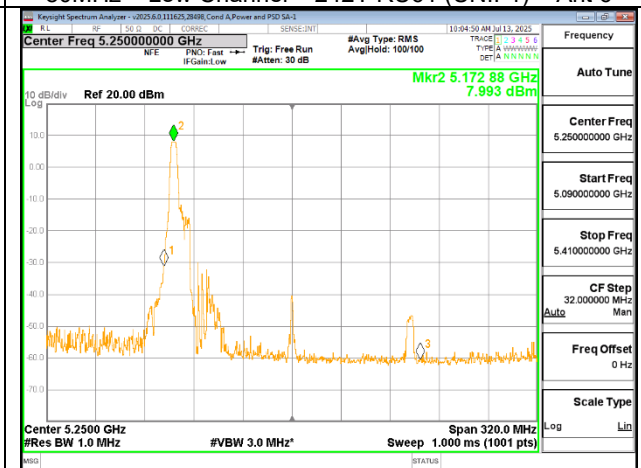
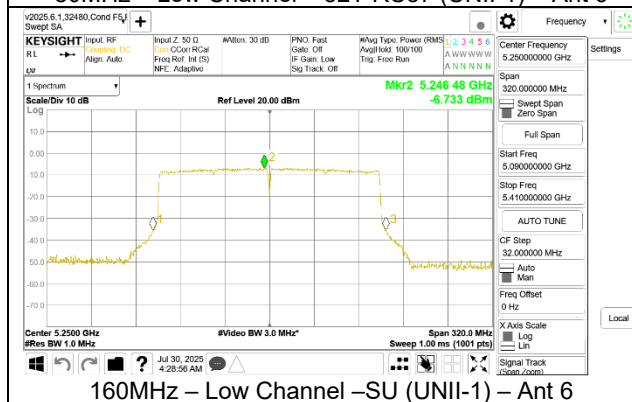
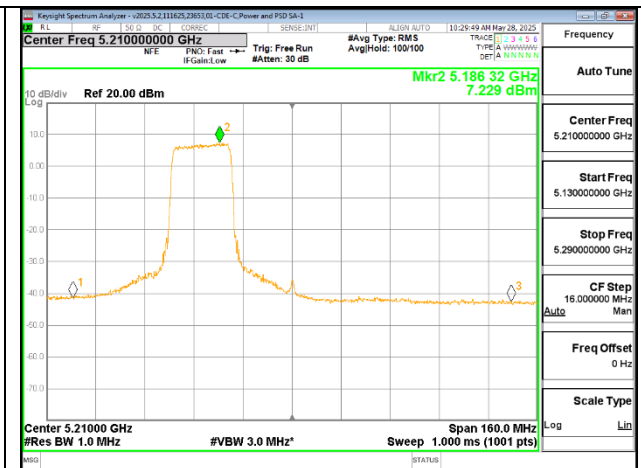
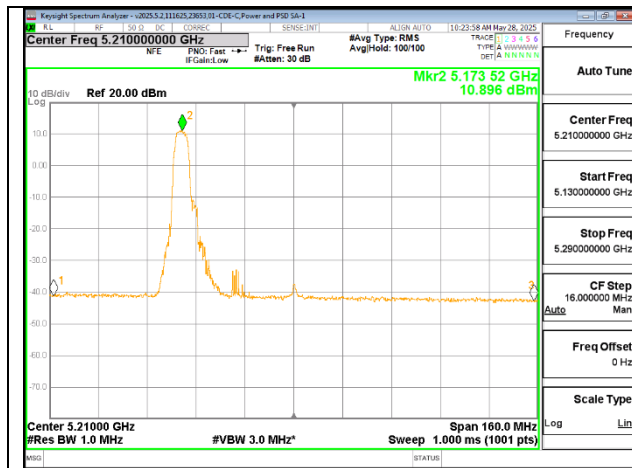
40MHz – Low Channel – 26T RU0 (UNII-1) – Ant 6



40MHz – Low Channel – 242T RU61 (UNII-1) – Ant 6



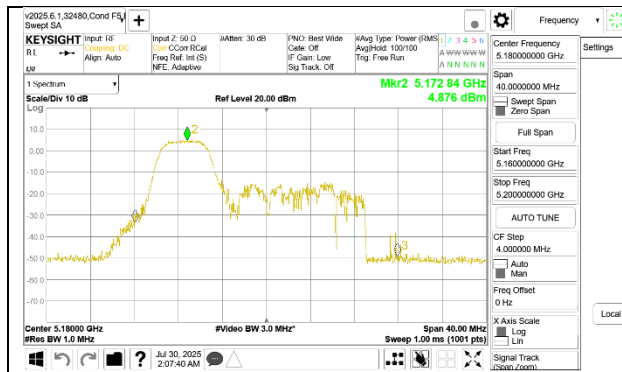
80MHz – Low Channel – SU (UNII-1) – Ant 6



9.5.10. 802.11be MIMO CDD MODE IN THE UNII-1 BAND

UNII-1 (MIMO CDD)	20MHz		40MHz			80MHz			160MHz			UNII-2A (MIMO CDD)	
	SU	106T	SU	52T	242T	SU	26T	242T	SU	52T	242T		
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.12	0.00	0.00	0.10	0.00	0.00	0.10	0.00	Straddle Channel	
Un-Correlated Gain (dBi)	0.50											Un-Corr. Gain (dBi)	0.82
Correlated Gain (dBi)	2.48											Corr. Gain (dBi)	2.65

UNII-2A (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	Total MIMO EIRP Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)	
							Ant 6	Ant 5				Ant 6	Ant 5		
EHT20 (FCC)	5180	36	SU	--	--	24	16.98	16.95	19.98	-	11	6.105	6.556	9.347	
			106T	53			13.38	13.35	16.38	-		4.876	5.059	7.979	
				54			13.32	13.31	16.33	-		4.956	4.735	7.857	
		SU	--	18.34			18.35	21.36	-	6.367		6.255	9.322		
	5200	40	106T	53			14.64	14.67	17.67	-		6.128	5.918	9.035	
				54			14.63	14.61	17.63	-		6.393	6.105	9.262	
			SU	--			18.43	18.46	21.46	-		7.089	6.735	9.926	
		5220	44	106T			53	14.89	14.81	17.86		-	6.705	6.484	9.606
				54			14.86	14.86	17.87	-		6.496	6.779	9.650	
	SU			--			18.36	18.35	21.37	-		6.556	6.355	9.467	
	5240		48	106T			53	14.92	14.93	17.94		-	6.462	6.476	9.479
				54			14.94	14.94	17.95	-		6.464	6.192	9.340	
		SU		--			15.47	15.48	18.49	-		1.442	1.243	4.354	
		EHT40 (FCC)	5190	38				37	12.01	12.06		15.05	-	6.273	6.224
	52T						41	12.06	12.03	15.06		-	6.437	6.235	9.467
							44	12.03	11.96	15.01		-	6.308	6.124	9.347
242T	61				16.94	16.93	19.95	-	6.073	6.084	9.089				
	--				19.92	19.98	22.96	-	6.061	5.910	8.996				
SU	37				11.90	11.88	14.90	-	7.081	7.397	10.372				
52T	41				11.96	11.91	14.95	-	7.219	7.324	10.402				
	44				11.99	11.88	14.95	-	7.539	7.190	10.498				
5230	46			61	18.49	18.46	21.49	-	7.223	7.307	10.276				
			242T	62	18.31	18.35	21.34	-	7.001	7.205	10.114				
			SU	--	15.46	15.43	18.46	-	-1.911	-2.069	1.021				
			26T	0	9.07	9.05	12.07	-	5.945	6.008	9.087				
				17	9.02	9.06	12.05	-	6.487	5.982	9.352				
				36	9.07	9.04	12.07	-	6.663	6.367	9.628				
			242T	61	16.97	16.95	19.97	-	5.299	5.177	8.249				
				--				-							
EHT80 (FCC)	5210	42		--	13.92	13.94	16.94	-	-6.004	-6.017	-3.000				
			52T	37	11.83	11.86	14.86	-	6.380	6.621	9.612				
				52	11.88	11.89	14.89	-	6.268	6.703	9.601				
				S52	11.81	11.79	14.81	-	6.389	6.500	9.555				
				61	16.90	16.91	19.92	-	6.049	5.838	8.955				
			242T	--				-							
				S64	16.98	16.92	19.96	-	5.971	6.120	9.056				
				--				-							
	5250 (Straddle)	50		--				-							
			52T	37				-							
				52				-							
				S52				-							
				61				-							
			242T	--				-							
				S64				-							
				--				-							



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9.5.11. 802.11be SISO MODE IN THE UNII-2A BAND

UNII-2A (SISO)	20MHz		40MHz			80MHz			160MHz		
	SU	52T	SU	52T	242T	SU	52T	242T	SU	52T	242T
DCCF (MCS0) (dB)	0.00	0.10	0.00	0.12	0.00	0.00	0.11	0.00	0.00	0.10	0.00
Ant 6 (dBi)	3.50										
Ant 5 (dBi)	-7.50										

UNII-1 (SISO)	
Straddle Channel	
Ant 6 (dBi)	3.10
Ant 5 (dBi)	-6.90

UNII-2a (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
EHT20 (FCC)	5260	52	SU	--	19.07	19.06	23.80	23.80	19.98	20.48	19.98	20.48	11.00	11.00	8.874	9.662	8.874	9.662
				37	18.38	18.19	23.64	23.60	15.01	14.88	15.01	14.88			10.388	10.384	10.488	10.484
			52T	38	16.97	16.87	23.30	23.27	15.03	14.82	15.03	14.82			10.251	10.042	10.351	10.142
				40	18.10	18.11	23.58	23.58	15.01	14.86	15.01	14.86			10.038	10.470	10.138	10.570
	5300	60	SU	--	19.07	19.10	23.80	23.81	19.99	20.48	19.99	20.48			8.877	9.562	8.877	9.562
				37	18.36	18.37	23.64	23.64	14.96	14.87	14.96	14.87			10.211	10.363	10.311	10.463
			52T	38	16.98	16.85	23.30	23.27	14.92	14.89	14.92	14.89			10.006	10.070	10.106	10.170
				40	18.00	18.12	23.55	23.58	14.93	14.81	14.93	14.81			10.100	10.418	10.200	10.518
	5320	64	SU	--	19.10	19.06	23.81	23.80	17.93	18.41	17.93	18.41			7.171	7.372	7.171	7.372
				37	18.37	18.40	23.64	23.65	14.87	14.84	14.87	14.84			9.895	10.399	9.995	10.499
			52T	38	16.95	16.99	23.29	23.30	14.89	14.85	14.89	14.85			9.869	10.256	9.969	10.356
				40	18.29	18.21	23.62	23.60	14.87	14.86	14.87	14.86			9.896	10.258	9.996	10.358
EHT40 (FCC)	5270	54	SU	--	38.23	38.03	24.00	24.00	19.92	20.43	19.92	20.43	11.00	11.00	5.970	6.557	5.970	6.557
				37	18.19	18.26	23.60	23.62	14.99	14.88	14.99	14.88			9.807	10.244	9.927	10.364
			52T	41	18.75	18.88	23.73	23.76	14.96	14.89	14.96	14.89			10.273	10.107	10.393	10.227
				44	18.34	18.23	23.63	23.61	14.96	14.86	14.96	14.86			9.963	9.992	10.083	10.112
	5310	62	242T	61	19.12	19.15	23.82	23.82	19.94	20.46	19.94	20.46			8.929	9.211	8.929	9.211
				62	19.10	19.07	23.81	23.80	19.97	20.39	19.97	20.39			8.916	9.272	8.916	9.272
			SU	--	38.24	38.10	24.00	24.00	15.97	16.48	15.97	16.48			1.944	2.375	1.944	2.375
				37	18.39	18.35	23.64	23.64	14.87	14.91	14.87	14.91			9.694	10.132	9.814	10.252
			52T	41	18.83	18.85	23.75	23.75	14.75	14.87	14.75	14.87			10.074	10.283	10.194	10.403
				44	18.33	18.35	23.63	23.64	14.87	14.96	14.87	14.96			9.520	10.089	9.640	10.209
			242T	62	19.08	19.08	23.81	23.80	17.92	18.49	17.92	18.49			6.829	7.433	6.829	7.433
EHT80 (FCC)	5290	58	SU	--	78.27	77.88	24.00	24.00	16.82	17.45	16.82	17.45	11.00	11.00	-0.226	0.304	-0.226	0.304
				37	18.30	18.31	23.62	23.63	14.81	14.95	14.81	14.95			10.082	10.122	10.192	10.232
			52T	45	18.22	18.29	23.60	23.62	14.87	14.98	14.87	14.98			9.932	10.105	10.042	10.215
				52	18.30	18.32	23.63	23.63	14.84	14.99	14.84	14.99			9.999	10.162	10.109	10.272
			242T	61	19.24	19.16	23.84	23.82	19.94	20.41	19.94	20.41			8.576	9.130	8.576	9.130
				62	19.25	19.17	23.84	23.83	19.96	20.42	19.96	20.42			8.418	8.970	8.418	8.970
EHT160 (FCC)	5250 (Straddle)	50	SU	--	156.60	156.17	24.00	24.00	14.47	14.93	14.47	14.93	11.00	11.00	-6.733	-5.832	-6.733	-5.832
				37	18.45	18.24	23.66	23.61	13.10	13.64	13.10	13.64			7.993	8.403	8.093	8.503
			52T	52	18.48	18.25	23.67	23.61	13.16	13.67	13.16	13.67			7.919	8.293	8.019	8.393
				S52	18.47	18.51	23.66	23.67	13.16	13.63	13.16	13.63			8.127	8.454	8.227	8.554
			242T	61	19.25	19.75	23.84	23.96	17.94	18.43	17.94	18.43			6.251	6.556	6.251	6.556
				S64	19.40	19.41	23.88	23.88	17.93	18.46	17.93	18.46			5.977	6.546	5.977	6.546

9.5.12. 802.11be MIMO CDD MODE IN THE UNII-2A BAND

UNII-2A (MIMO CDD)	20MHz		40MHz			80MHz			160MHz			UNII-1 (MIMO CDD)
	SU	106T	SU	52T	242T	SU	52T	242T	SU	52T	242T	
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.12	0.00	0.00	0.10	0.00	0.00	0.10	0.00	Straddle
Un-Correlated Gain (dBi)	0.82											0.50
Correlated Gain (dBi)	2.65											2.48

UNII-2A (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 6	Ant 5			Ant 6	Ant 5	
EHT20 (FCC)	5260	52	SU	--	18.99	23.78	18.32	18.38	21.36	11.00	7.818	7.430	10.639
			106T	37	18.15	23.59	14.84	14.81	17.84		7.447	7.412	10.440
			106T	38	18.03	23.56	14.77	14.81	17.80		7.124	7.565	10.360
	5300	60	SU	--	19.00	23.79	18.29	18.25	21.28		7.205	7.204	10.215
			106T	37	18.13	23.58	14.88	14.86	17.88		7.301	7.436	10.379
			106T	38	18.05	23.57	14.89	14.87	17.89		7.204	7.084	10.155
	5320	64	SU	--	19.02	23.79	16.95	16.96	19.97		5.985	5.881	8.944
			106T	37	18.08	23.57	13.56	13.58	16.58		5.856	5.960	8.919
			106T	38	18.03	23.56	13.59	13.49	16.55		5.434	6.272	8.883
EHT40 (FCC)	5270	54	SU	--	38.01	24.00	19.94	19.91	22.94	11.00	5.320	5.520	8.431
			52T	37	18.25	23.61	11.84	11.84	14.85		6.782	6.731	9.887
			52T	38	18.60	23.69	11.88	11.82	14.86		6.523	6.996	9.896
			52T	40	18.22	23.61	11.87	11.79	14.84		6.906	7.065	10.117
			242T	61	19.06	23.80	18.39	18.37	21.39		6.624	6.492	9.569
			242T	62	19.03	23.79	18.34	18.31	21.34		6.283	6.028	9.168
	5310	62	SU	--	37.99	24.00	15.48	15.39	18.45		0.469	0.579	3.535
			52T	37	18.05	23.56	11.89	11.83	14.87		6.812	6.932	10.003
			52T	38	18.75	23.73	11.85	11.83	14.85		6.523	6.857	9.824
			52T	40	18.20	23.60	11.86	11.84	14.86		7.061	6.853	10.089
			242T	61	19.05	23.80	16.91	16.93	19.93		4.847	5.016	7.943
			242T	62	19.05	23.80	16.91	16.93	19.93		4.847	5.016	7.943
EHT80 (FCC)	5290	58	SU	--	77.46	24.00	15.92	15.95	18.95	11.00	-1.482	-1.034	1.758
			52T	37	18.06	23.57	11.86	11.87	14.88		6.988	7.086	10.148
			52T	45	18.09	23.57	11.84	11.82	14.84		6.744	6.603	9.784
			52T	52	18.26	23.62	11.89	11.76	14.84		6.757	6.558	9.769
			242T	61	19.08	23.81	18.34	18.36	21.36		6.629	6.731	9.691
			242T	62	19.14	23.82	18.35	18.29	21.33		6.706	6.988	9.860
EHT160 (FCC)	5250 (Straddle)	50	SU	--	155.98	24.00	13.92	13.94	16.94	11.00	-6.004	-6.017	-3.000
			52T	37	18.27	23.62	11.83	11.86	14.86		6.380	6.621	9.612
			52T	52	18.15	23.59	11.88	11.89	14.89		6.268	6.703	9.601
			52T	55	18.19	23.60	11.81	11.79	14.81		6.389	6.500	9.555
			242T	61	19.22	23.84	16.90	16.91	19.92		6.049	5.838	8.955
			242T	64	19.21	23.84	16.98	16.92	19.96		5.971	6.120	9.056
			242T	64	19.21	23.84	16.98	16.92	19.96		5.971	6.120	9.056
			242T	64	19.21	23.84	16.98	16.92	19.96		5.971	6.120	9.056

9.5.13. 802.11be SISO MODE IN THE UNII-2C BAND

UNII-2C (SISO)	20MHz		40MHz			80MHz		160MHz		
	SU	52T	SU	106T	242T	SU	106T	SU	52T	242T
DCCF (MCS0) (dB)	0.00	0.10	0.00	0.09	0.00	0.00	0.10	0.00	0.10	0.00
Ant 6 (dBi)	2.70									
Ant 5 (dBi)	-4.80									

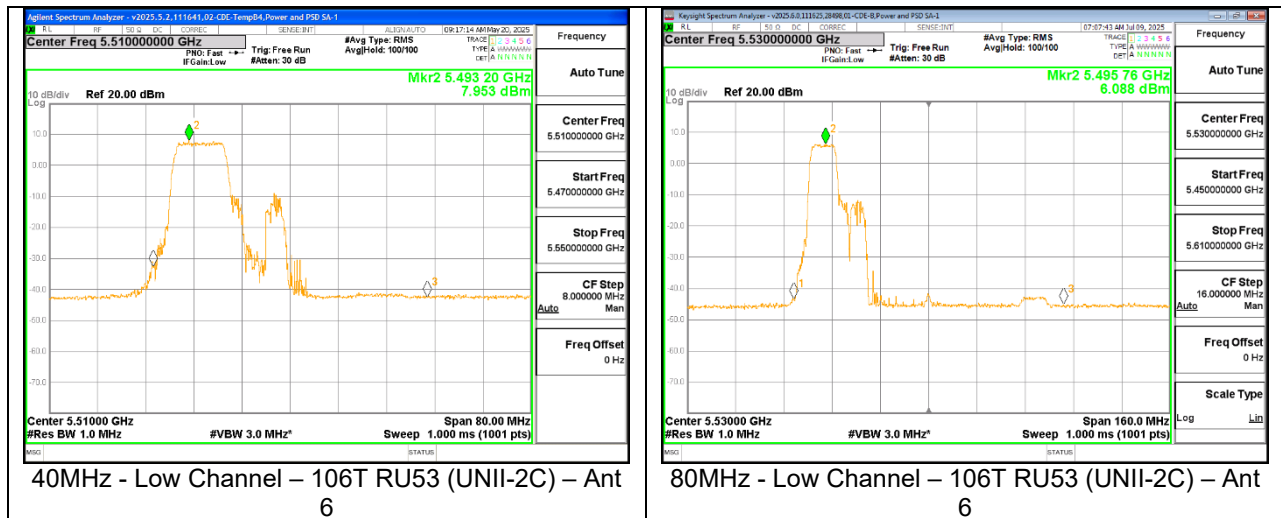
UNII-3 (SISO)	
Straddle Channel	
Ant 6 (dBi)	2.30
Ant 5 (dBi)	-4.80

UNII-2C (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
EHT20 (FCC)	5500	100	SU	--	19.05	19.08	23.80	23.81	18.98	19.48	18.98	19.48	11.00	11.00	8.838	9.412	8.838	9.412
				37	18.41	18.40	23.65	23.65	14.90	14.62	14.90	14.62			9.362	8.880	9.462	8.980
			52T	38	17.03	16.98	23.31	23.30	14.93	14.64	14.93	14.64			9.125	8.874	9.225	8.974
				40	18.29	18.19	23.62	23.60	14.96	14.68	14.96	14.68			9.184	8.798	9.284	8.898
	5580	116	SU	--	19.05	18.98	23.80	23.78	19.89	20.45	19.89	20.45			9.830	10.553	9.830	10.553
				37	18.38	18.41	23.64	23.65	14.83	14.70	14.83	14.70			8.818	8.930	8.918	9.030
			52T	38	16.88	17.01	23.27	23.31	14.87	14.75	14.87	14.75			9.072	8.947	9.172	9.047
				40	18.18	18.24	23.60	23.61	14.82	14.63	14.82	14.63			8.731	8.898	8.831	8.998
	5700	140	SU	--	19.03	19.07	23.79	23.80	16.42	16.96	16.42	16.96			6.299	7.166	6.299	7.166
				37	18.42	18.33	23.65	23.63	14.96	14.82	14.96	14.82			9.146	9.013	9.246	9.113
			52T	38	16.94	16.16	23.29	23.08	14.86	14.86	14.86	14.86			9.016	9.115	9.116	9.215
				40	18.20	18.31	23.60	23.63	14.93	14.84	14.93	14.84			9.282	9.054	9.382	9.154
	5720 (Straddle)	144	SU	--	19.02	19.06	23.79	23.80	19.92	20.43	19.92	20.43			10.060	10.692	10.060	10.692
				37	18.36	18.37	23.64	23.64	14.89	14.94	14.89	14.94			8.920	9.255	9.020	9.355
			52T	38	17.02	16.92	23.31	23.28	14.97	14.87	14.97	14.87			9.166	9.227	9.266	9.327
				40	18.31	18.27	23.63	23.62	14.89	14.88	14.89	14.88			9.228	9.246	9.328	9.346
EHT40 (FCC)	5510	102	SU	--	36.03	37.99	24.00	24.00	15.91	16.49	15.91	16.49	11.00	11.00	1.288	1.764	1.288	1.764
				53	17.99	18.18	23.55	23.60	14.90	15.43	14.90	15.43			7.953	7.789	8.043	7.879
			106T	54	18.48	18.33	23.67	23.63	14.91	15.45	14.91	15.45			8.051	7.490	8.141	7.580
				56	18.04	18.07	23.56	23.57	14.92	15.43	14.92	15.43			7.764	7.620	7.854	7.710
			242T	61	19.07	19.06	23.80	23.80	17.99	18.45	17.99	18.45			8.011	8.972	8.011	8.972
	5550	110	SU	--	38.11	38.04	24.00	24.00	19.95	20.40	19.95	20.40			5.769	6.243	5.769	6.243
				53	18.08	18.11	23.57	23.58	18.08	18.04	18.08	18.04			10.298	10.285	10.388	10.375
			106T	54	18.64	18.04	23.70	23.56	18.02	18.02	18.02	18.02			10.423	10.313	10.513	10.403
				56	17.94	17.99	23.54	23.55	18.04	18.06	18.04	18.06			10.208	10.302	10.298	10.392
			242T	61	19.08	19.18	23.81	23.83	19.93	20.46	19.93	20.46			10.288	10.668	10.288	10.668
				62	19.11	19.09	23.81	23.81	19.91	20.49	19.91	20.49			10.208	10.717	10.208	10.717
	5670	134	SU	--	38.02	38.03	24.00	24.00	18.96	19.45	18.96	19.45			4.694	5.189	4.694	5.189
				53	18.06	18.07	23.57	23.57	17.96	18.05	17.96	18.05			10.165	9.978	10.255	10.068
			106T	54	18.56	18.68	23.69	23.71	17.86	18.06	17.86	18.06			10.318	9.910	10.408	10.000
				56	18.15	18.07	23.59	23.57	17.87	18.05	17.87	18.05			10.091	10.046	10.181	10.136
			242T	61	19.06	19.10	23.80	23.81	19.92	20.39	19.92	20.39			10.209	10.659	10.209	10.659
				62	19.06	19.09	23.80	23.81	19.86	20.45	19.86	20.45			10.147	10.826	10.147	10.826
	5710 (Straddle)	142	SU	--	38.05	38.04	24.00	24.00	19.96	20.49	19.96	20.49			5.442	6.211	5.442	6.211
				53	18.10	18.20	23.58	23.60	18.06	18.01	18.06	18.01			10.345	10.150	10.435	10.240
			106T	54	18.57	18.60	23.69	23.69	18.01	18.07	18.01	18.07			10.274	10.103	10.364	10.193
				56	18.06	18.06	23.57	23.57	18.08	18.05	18.08	18.05			10.126	10.017	10.216	10.107
			242T	61	19.10	19.19	23.81	23.83	15.49	15.93	15.49	15.93			5.678	5.857	5.678	5.857

UNII-2C (SISO)	20MHz		40MHz			80MHz		160MHz		
	SU	52T	SU	106T	242T	SU	106T	SU	52T	242T
DCCF (MCS0) (dB)	0.00	0.10	0.00	0.09	0.00	0.00	0.10	0.00	0.10	0.00
Ant 6 (dBi)	2.70									
Ant 5 (dBi)	-4.80									

UNII-3 (SISO)	
Straddle Channel	
Ant 6 (dBi)	2.30
Ant 5 (dBi)	-4.80

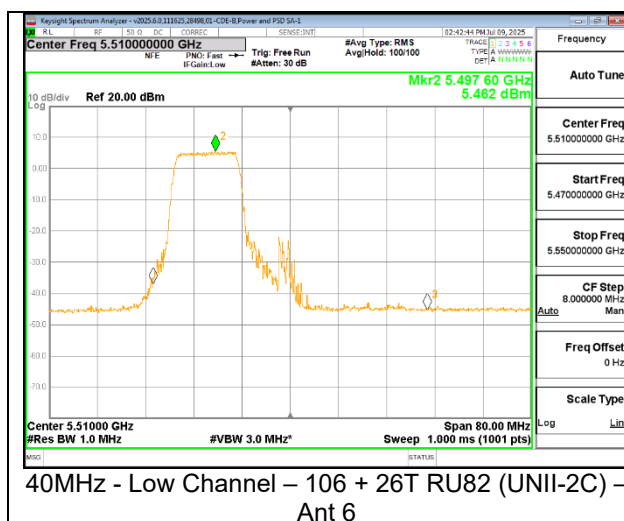
UNII-2C (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
EHT80 (FCC)	5530	106	SU	--	77.65	77.67	24.00	24.00	15.96	16.48	15.96	16.48	11.00	11.00	-1.065	-0.549	-1.065	-0.549
			106T	53	18.11	18.15	23.58	23.59	14.95	15.41	14.95	15.41			6.088	6.789	6.188	6.889
				56	18.06	17.99	23.57	23.55	14.98	15.46	14.98	15.46			5.927	6.838	6.027	6.938
				60	18.16	18.13	23.59	23.58	14.94	15.44	14.94	15.44			6.224	6.834	6.324	6.934
	5610	122	SU	--	77.65	77.62	24.00	24.00	19.97	20.46	19.97	20.46			3.047	3.560	3.047	3.560
			106T	53	17.99	18.12	23.55	23.58	17.87	17.97	17.87	17.97			9.624	9.967	9.724	10.067
				56	17.95	18.16	23.54	23.59	17.88	17.88	17.88	17.88			9.711	9.868	9.811	9.968
				60	17.90	18.13	23.53	23.58	17.86	17.93	17.86	17.93			9.618	9.931	9.718	10.031
	5690 (Straddle)	138	SU	--	77.62	77.66	24.00	24.00	19.88	20.45	19.88	20.45			3.113	3.501	3.113	3.501
			106T	53	17.83	18.14	23.51	23.59	17.92	17.87	17.92	17.87			9.875	9.889	9.975	9.989
				56	18.04	18.15	23.56	23.59	17.86	17.99	17.86	17.99			9.814	10.047	9.914	10.147
				60	18.14	17.98	23.59	23.55	17.96	17.94	17.96	17.94			9.719	9.953	9.819	10.053
EHT160 (FCC)	5570	114	SU	--	156.54	156.60	24.00	24.00	15.42	15.98	15.42	15.98	11.00	11.00	-4.284	-4.286	-4.284	-4.286
			52T	37	18.64	18.32	23.70	23.63	13.17	13.65	13.17	13.65			7.965	8.710	8.065	8.810
				52	18.44	18.40	23.66	23.65	13.19	13.62	13.19	13.62			7.652	8.338	7.752	8.438
				552	18.30	18.23	23.62	23.61	13.14	13.60	13.14	13.60			7.995	8.382	8.095	8.482
			242T	61	19.32	19.34	23.86	23.86	17.94	18.42	17.94	18.42			7.197	7.527	7.197	7.527



9.5.14. 802.11be MIMO CDD MODE IN THE UNII-2C BAND

UNII-2C (MIMO CDD)	20MHz		40MHz		80MHz		160MHz			UNII-3 (MIMO CDD)	
	SU	52T	SU	106+26T	SU	242T	SU	52T	242T		
DCCF (MCS0) (dB)	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	Straddle Channel	
Un-Correlated Gain (dBi)	0.40									Un-Corr. Gain (dBi)	0.06
Correlated Gain (dBi)	2.75									Corr. Gain (dBi)	2.47

UNII-2C (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 6	Ant 5			Ant 6	Ant 5	
EHT20 (FCC)	5500	100	SU	--	19.03	23.79	17.25	17.23	20.25	11.00	6.925	7.032	9.989
				37	17.96	23.54	11.66	11.61	14.65		6.233	6.190	9.322
			52T	38	16.84	23.26	11.68	11.65	14.67		6.179	6.313	9.357
				40	18.11	23.58	11.68	11.69	14.70		6.333	6.315	9.434
	5580	116	SU	--	19.01	23.79	18.28	18.21	21.26		7.927	7.815	10.882
				37	18.27	23.62	11.78	11.79	14.80		6.266	6.320	9.403
			52T	38	16.81	23.25	11.73	11.74	14.74		6.322	6.246	9.394
				40	17.79	23.50	11.70	11.70	14.71		6.294	6.336	9.425
	5700	140	SU	--	18.99	23.79	15.91	15.92	18.93		6.023	5.964	9.004
				37	18.24	23.61	11.88	11.89	14.90		6.507	6.700	9.715
			52T	38	16.75	23.24	11.84	11.87	14.87		6.495	6.800	9.760
				40	18.10	23.58	11.83	11.82	14.84		6.722	6.717	9.830
	5720 (Straddle)	144	SU	--	19.00	23.79	18.26	18.27	21.28		7.899	7.928	10.924
				37	18.17	23.59	11.97	11.93	14.96		6.725	6.733	9.839
			52T	38	16.79	23.25	11.94	11.92	14.94		6.809	6.741	9.885
				40	18.26	23.62	11.97	11.99	14.99		6.761	6.666	9.824
EHT40 (FCC)	5510	102	SU	--	37.96	24.00	15.43	15.47	18.46	11.00	1.191	0.726	3.975
				82	17.86	23.52	14.28	14.27	17.28		5.462	5.589	8.536
			106+26T	84	18.41	23.65	14.22	14.28	17.26		5.261	5.667	8.479
				85	17.96	23.54	14.24	14.20	17.23		5.487	5.689	8.599
	5550	110	SU	--	38.01	24.00	19.92	19.90	22.92		5.443	5.177	8.322
				82	17.83	23.51	15.80	15.83	18.83		7.042	7.061	10.062
			106+26T	84	18.47	23.66	15.84	15.83	18.85		7.253	7.022	10.149
				85	17.93	23.53	15.81	15.82	18.83		7.059	7.005	10.042
	5670	134	SU	--	37.97	24.00	18.46	18.43	21.46		3.918	3.541	6.744
				82	17.89	23.53	15.62	15.69	18.67		6.858	6.713	9.796
			106+26T	84	18.47	23.66	15.61	15.63	18.63		6.932	6.868	9.910
				85	17.94	23.54	15.66	15.59	18.64		6.808	6.630	9.730
	5710 (Straddle)	142	SU	--	38.00	24.00	19.92	19.92	22.93		5.306	4.956	8.145
				82	17.88	23.52	14.24	14.29	17.28		5.388	5.385	8.397
			106+26T	84	18.40	23.65	14.28	14.21	17.25		5.722	5.446	8.596
				85	17.97	23.54	14.25	14.24	17.25		5.294	5.354	8.334
EHT80 (FCC)	5530	106	SU	--	77.56	24.00	14.92	14.94	17.94	11.00	-2.167	-1.817	1.022
				61	19.07	23.80	16.94	16.99	19.98		6.108	6.050	9.089
			242T										
	5610	122	SU	--	77.58	24.00	19.92	19.96	22.95		3.024	3.002	6.023
				61	19.10	23.81	18.27	18.24	21.27		6.988	7.034	10.021
			242T										
				64	19.14	23.82	18.21	18.23	21.23		6.704	7.139	9.937
	5690 (Straddle)	138	SU	--	77.51	24.00	19.95	19.94	22.96		3.035	2.956	6.006
				61	19.16	23.82	18.26	18.25	21.27		7.133	6.919	10.038
			242T	62	19.14	23.82	18.28	18.22	21.26		6.930	6.841	9.896
				64	19.13	23.82	18.19	18.23	21.22		7.104	7.053	10.089
EHT160 (FCC)	5570	114	SU	--	155.99	24.00	14.97	14.98	17.99	11.00	-6.356	-6.658	-3.494
				37	18.22	23.61	11.83	11.81	14.83		6.602	6.615	9.719
			52T	52	18.22	23.61	11.83	11.88	14.87		6.494	6.620	9.668
				552	18.21	23.60	11.83	11.82	14.84		6.963	6.638	9.914
			242T	61	19.34	23.86	16.97	16.95	19.97		6.644	6.574	9.619

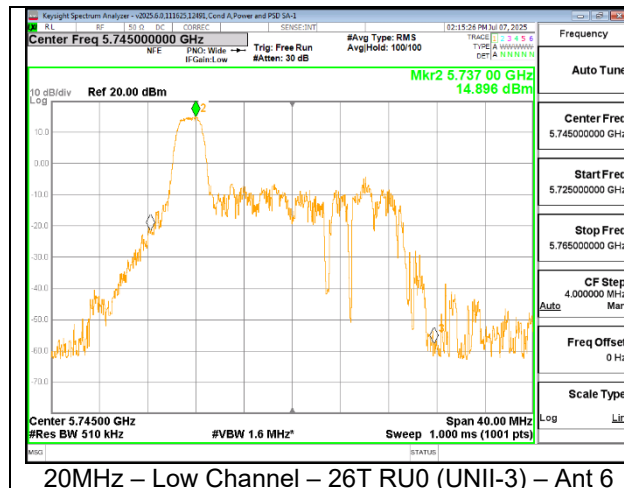


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9.5.15. 802.11be SISO MODE IN THE UNII-3 BAND

UNII-3 (SISO)	20MHz		40MHz		80MHz		160MHz	
	SU	26T	SU	52T	SU	106T	SU	52T
DCCF (MCS0) (dB)	0.00	0.09	0.00	0.10	0.00	0.10	N/A	
Ant 6 (dBi)	2.30							
Ant 5 (dBi)	-4.80							

UNII-3 (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/500kHz)		Total Corrected PSD (dBm/500kHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
EHT20	5745	149	SU	--	--	30	30		19.91	20.41	19.91	20.41	30	30	7.990	8.503	7.990	8.503
			26T	0					19.93	20.44	19.93	20.44			14.896	15.332	14.986	15.422
				4					19.99	20.49	19.99	20.49			14.558	15.224	14.648	15.314
				8					19.95	20.49	19.95	20.49			15.007	15.172	15.097	15.262
	5785	157	SU	--					19.92	20.49	19.92	20.49			7.992	8.594	7.992	8.594
			26T	0					19.90	20.44	19.90	20.44			14.442	15.151	14.532	15.241
				4					19.94	20.47	19.94	20.47			14.395	15.290	14.485	15.380
				8					19.95	20.43	19.95	20.43			14.361	15.457	14.451	15.547
	5825	165	SU	--					19.90	20.49	19.90	20.49			8.029	8.397	8.029	8.397
			26T	0					19.96	20.48	19.96	20.48			14.627	15.426	14.717	15.516
				4					19.99	20.42	19.99	20.42			14.613	15.190	14.703	15.280
				8					19.97	20.47	19.97	20.47			15.014	15.362	15.104	15.452
EHT40	5755	151	SU	--					19.94	20.46	19.94	20.46			5.233	5.926	5.233	5.926
			52T	37					19.94	20.49	19.94	20.49			13.180	13.464	13.280	13.564
				41					19.96	20.41	19.96	20.41			13.223	13.486	13.323	13.586
				44					19.95	20.44	19.95	20.44			13.005	13.543	13.105	13.643
	5795	159	SU	--					19.97	20.46	19.97	20.46			4.993	5.661	4.993	5.661
			52T	37					19.96	20.43	19.96	20.43			13.023	13.532	13.123	13.632
				41					19.96	20.44	19.96	20.44			13.148	13.527	13.248	13.627
				44					19.99	20.48	19.99	20.48			13.163	13.443	13.263	13.543
EHT80	5775	155	SU	--					19.90	20.44	19.90	20.44	30	30	3.130	3.321	3.130	3.321
			106T	53					19.98	20.47	19.98	20.47			10.590	11.057	10.690	11.157
				56					19.94	20.13	19.94	20.13			10.599	11.037	10.699	11.137
				60					19.92	20.40	19.92	20.40			10.796	10.831	10.896	10.931



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9.5.16. 802.11be MIMO CDD MODE IN THE UNII-3 BAND

UNII-3 (MIMO CDD)	20MHz		40MHz		80MHz		160MHz	
	SU	26T	SU	52T	SU	106T	SU	52T
DCCF (MCS0) (dB)	0.00	0.09	0.00	0.12	0.00	0.10	N/A	
Un-Correlated Gain (dBi)	0.06							
Correlated Gain (dBi)	2.47							

UNII-3 (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/500kHz)	PSD (dBm/500kHz)		Total MIMO Corrected PSD (dBm/500kHz)
							Ant 6	Ant 5			Ant 6	Ant 5	
EHT20	5745	149	SU	--	--	30	19.97	19.95	22.97	30	6.365	6.032	9.212
			26T	0			19.94	19.99	22.98		14.655	14.977	17.919
			26T	4			19.91	19.92	22.93		14.449	15.075	17.874
			26T	8			19.91	19.92	22.93		14.652	14.831	17.843
	5785	157	SU	--			19.93	19.98	22.97		6.248	6.078	9.174
			26T	0			19.97	19.99	22.99		14.813	14.981	17.998
			26T	4			19.90	19.85	22.89		14.899	14.941	18.020
			26T	8			19.97	19.92	22.96		14.913	14.903	18.008
	5825	165	SU	--			19.94	19.96	22.96		6.257	6.097	9.188
			26T	0			19.92	19.99	22.97		14.832	15.128	18.083
			26T	4			19.95	19.93	22.95		14.800	14.842	17.921
			26T	8			19.95	19.98	22.98		14.767	14.993	17.982
EHT40	5755	151	SU	--	--	30	19.98	19.97	22.99	30	2.597	2.564	5.591
			52T	37			19.92	19.93	22.93		11.598	10.822	14.358
			52T	41			19.94	19.98	22.97		11.701	11.178	14.578
			52T	44			19.95	19.96	22.97		11.645	10.840	14.391
	5795	159	SU	--			19.88	19.97	22.94		2.477	2.768	5.635
			52T	37			19.91	19.92	22.93		11.677	11.029	14.495
			52T	41			19.92	19.95	22.95		11.539	11.290	14.547
			52T	44			19.94	19.95	22.96		11.665	10.943	14.449
			SU	--			19.99	19.98	22.99		-0.103	-0.451	2.737
			106T	53			19.93	19.92	22.93		9.203	9.152	12.288
EHT80	5775	155	106T	56			19.90	19.97	22.95		9.255	8.903	12.193
			106T	60			19.89	19.94	22.93		9.165	8.800	12.097

10. SETUP PHOTOS

Please refer to setup report 15496249-EP1V1.

11. APPENDIX A - SPOT CHECK EVALUATION

11.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3257, A3525, A3526 and A3527.

These models have the same PCB layout, design, common components, antennas, antenna locations and housing cases, except for FR2 is removed from variants and disabled/enabled cellular bands via software as shown below.

Model	FCC ID	IC ID	Feature Difference	Sim Support	Reference Model
A3257	BCG-E8950A	579C-E8950A	-With FR2/LTE/5GNR B14/29/71 -No B11/21 -With UL MIMO (n41/48/77)	eSIM	-
A3525	BCG-E8960A	579C-E8960A	-Without FR2 -Added B11/21 -No UL MIMO	eSIM	A3257
A3526	BCG-E8961A	579C-E8961A	-Without FR2 -No LTE/5GNR B14/29/71 -No LTE B11/21 -No UL MIMO	eSIM+pSIM	
A3527	BCG-E8962A	579C-E8962A	-Without FR2 -No LTE/5GNR B14/29/71 -No LTE B11/21 -With UL MIMO (n41/78/79) -No MSS / 5GNR B53	pSIM+pSIM	

Note:

The spot check plan allows for data reuse from the reference model where the variant model data meets the limits and has not changed by more than the criteria from KDB 484596 D01 v03 equation (4).

$$d_{dB} = |V_{dB} - R_{dB}| \quad (1)$$

$$d_{dB} \leq d_{dBmax} \quad (2)$$

$$d_{dBmax}(M_{dB}) = \begin{cases} (3 + M_{dB}/20) \text{ dB} & , \text{ for } 0 \leq M_{dB} \leq 60 \text{ dB} \\ 6 \text{ dB} & , \text{ for } M_{dB} > 60 \text{ dB} \end{cases} \quad (4)$$

Where d_{dB} is deviation between the variant and the reference model, V_{dB} is variant spot check level, R_{db} is the corresponding reference measurement level, d_{dBmax} is the maximum deviation d_{dB} allowed, and M_{dB} is the margin in dB.

11.2. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR AA3525

A3525 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3257	Sub Model: A3525	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E8950A IC : 579C-E8950A	FCC ID: BCG-E8960A IC : 579C-E8960A			
NII / UNII-1	5.2G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	46	Fundamental	22.98	22.74	-0.24	-1.02	Note 1
		EHT20 SISO SU Ant 6	MCS11	Radiated Bandedge (dBuV/m)	36	Horizontal Bandedge (5.1497 GHz)	51.50	50.85	-0.65	-2.50	Note 1
		VHT80 CDD MIMO	MCS0	RSE (dBuV/m)	42	Horizontal RSE (15.5103 GHz)	43.75	45.32	1.57	-10.25	Note 1
NII / UNII-2a	5.3G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	54	Fundamental	22.97	22.82	-0.15	-1.03	Note 1
		VHT80 SISO Ant5	MCS9	Radiated Bandedge (dBuV/m)	58	Horizontal Bandedge (5.7376 GHz)	51.25	51.38	0.13	-2.75	Note 1
		EHT40 SU MIMO	MCS0	RSE (dBuV/m)	54	Vertical RSE (15.8111 GHz)	44.73	45.06	0.33	-9.27	Note 1
NII / UNII-2c	5.6G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	110	Fundamental	22.98	22.76	-0.22	-1.02	Note 1
		EHT80 SISO Ant6	MCS11	Radiated Bandedge (dBuV/m)	106	Horizontal Bandedge (5.465088 GHz)	63.60	63.12	-0.48	-4.60	Note 1
		EHT40 SU MIMO	MCS0	RSE (dBuV/m)	102	Horizontal RSE (15.9169 GHz)	44.80	44.84	0.04	-9.20	Note 1
NII / UNII-3	5.8G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	151	Fundamental	23.00	22.87	-0.13	-7.00	Note 1
		EHT80 SU MIMO	MCS11	Radiated Bandedge (dBuV/m)	155	Horizontal Bandedge (5.9255 GHz)	-31.88	-32.15	-0.27	-4.88	Note 1
		HT40 CDD MIMO	MCS0	RSE (dBuV/m)	159	Horizontal RSE (17.3807GHz)	57.70	56.50	-1.20	-10.50	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

11.3. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR AA3526

A3526 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3257	Sub Model: A3526	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E8950A IC : 579C-E8950A	FCC ID: BCG-E8961A IC : 579C-E8961A			
NII / UNII-1	5.2G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	46	Fundamental	22.98	22.74	-0.24	-1.02	Note 1
		EHT20 SISO SU Ant 6	MCS11	Radiated Bandedge (dBuV/m)	36	Horizontal Bandedge (5.1497 GHz)	51.50	50.93	-0.57	-2.50	Note 1
		VHT80 CDD MIMO	MCS0	RSE (dBuV/m)	42	Horizontal RSE (15.5103 GHz)	43.75	45.32	1.57	-10.25	Note 1
NII / UNII-2a	5.3G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	54	Fundamental	22.97	22.91	-0.06	-1.03	Note 1
		VHT80 SISO Ant5	MCS9	Radiated Bandedge (dBuV/m)	58	Horizontal Bandedge (5.7376 GHz)	51.25	49.60	-1.65	-2.75	Note 1
		EHT40 SU MIMO	MCS0	RSE (dBuV/m)	54	Vertical RSE (15.8111 GHz)	44.73	45.06	0.33	-9.27	Note 1
NII / UNII-2c	5.6G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	110	Fundamental	22.98	22.88	-0.10	-1.02	Note 1
		EHT80 SISO Ant6	MCS11	Radiated Bandedge (dBuV/m)	106	Horizontal Bandedge (5.465088 GHz)	63.60	63.26	-0.34	-4.60	Note 1
		EHT40 SU MIMO	MCS0	RSE (dBuV/m)	102	Horizontal RSE (15.9169 GHz)	44.80	44.84	0.04	-9.20	Note 1
NII / UNII-3	5.8G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	151	Fundamental	23.00	22.92	-0.08	-7.00	Note 1
		EHT80 SU MIMO	MCS11	Radiated Bandedge (dBuV/m)	155	Horizontal Bandedge (5.9255 GHz)	-31.88	-33.66	-1.78	-4.88	Note 1
		HT40 CDD MIMO	MCS0	RSE (dBuV/m)	159	Horizontal RSE (17.3807GHz)	57.70	56.36	-1.34	-10.50	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

11.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR AA3527

A3527 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3527	Sub Model: A3527	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E8950A IC : 579C-E8950A	FCC ID: BCG-E8962A IC : 579C-E8962A			
NII / UNII-1	5.2G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	46	Fundamental	22.98	22.77	-0.21	-1.02	Note 1
		EHT20 SISO SU Ant 6	MCS11	Radiated Bandedge (dBuV/m)	36	Horizontal Bandedge (5.1497 GHz)	51.50	50.85	-0.65	-2.50	Note 1
		VHT80 CDD MIMO	MCS0	RSE (dBuV/m)	42	Horizontal RSE (15.5103 GHz)	43.75	41.93	-1.82	-10.25	Note 1
NII / UNII-2a	5.3G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	54	Fundamental	22.97	22.88	-0.09	-1.03	Note 1
		VHT80 SISO Ant5	MCS9	Radiated Bandedge (dBuV/m)	58	Horizontal Bandedge (5.7376 GHz)	51.25	51.38	0.13	-2.75	Note 1
		EHT40 SU MIMO	MCS0	RSE (dBuV/m)	54	Vertical RSE (15.8111 GHz)	44.73	42.21	-2.52	-9.27	Note 1
NII / UNII-2c	5.6G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	110	Fundamental	22.98	22.81	-0.17	-1.02	Note 1
		EHT80 SISO Ant6	MCS11	Radiated Bandedge (dBuV/m)	106	Horizontal Bandedge (5.465088 GHz)	63.60	62.73	-0.87	-4.60	Note 1
		EHT40 SU MIMO	MCS0	RSE (dBuV/m)	102	Horizontal RSE (15.9169 GHz)	44.80	42.48	-2.32	-9.20	Note 1
NII / UNII-3	5.8G	HT40 CDD MIMO	MCS0	Avg Power (dBm)	151	Fundamental	23.00	22.87	-0.13	-7.00	Note 1
		EHT80 SU MIMO	MCS11	Radiated Bandedge (dBuV/m)	155	Horizontal Bandedge (5.9255 GHz)	-31.88	-32.15	-0.27	-4.88	Note 1
		HT40 CDD MIMO	MCS0	RSE (dBuV/m)	159	Horizontal RSE (17.3807GHz)	57.70	55.17	-2.53	-10.50	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

END OF REPORT