

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 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 11be ETH20 straddle channel 26dB bandwidth= (26dB BW/2)+5

11n HT20 and 11be ETH20 straddle channel 99% bandwidth= (99% 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 power and correlated for PSD due to the device supporting CDD in all MIMO modes. 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	-1.10	-4.70	-2.54	0.30
5.3	-1.80	-3.70	-2.65	0.31
5.6	-0.70	-3.40	-1.84	1.06
5.8	-0.40	-3.30	-1.61	1.28

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10-2013 section 14.4.3

$$\text{Uncorrelated directional gain} = 10 \cdot \text{LOG} \left(\frac{10^{\text{Ant6}/10} + 10^{\text{Ant5}/10}}{2} \right)$$

$$\text{Correlated directional Gain} = 10 \cdot \text{LOG} \left(\frac{(10^{\text{Ant6}/20} + 10^{\text{Ant5}/20})^2}{2} \right)$$

Sample Calculation at 5.2GHz Band:

$$\text{ANT6} = -1.1, \text{ANT5} = -4.7$$

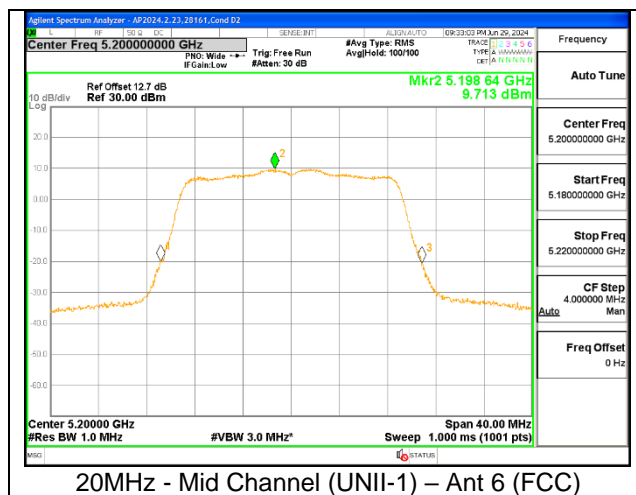
$$\text{Uncorrelated Antenna gain} = 10 \log \left[\frac{10^{(-1.1/10)} + 10^{(-4.70/10)}}{2} \right] = -2.54 \text{dBi}$$

$$\text{Correlated Antenna gain} = 10 \log \left[\frac{(10^{(-1.1/20)} + 10^{(-4.70/20)})^2}{2} \right] = 0.3 \text{dBi}$$

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

UNII-1 (SISO)		20MHz	40MHz	80MHz	160MHz	UNII-2a (SISO)		
DCCF (MCS0) (dB)		0.00	0.10	0.21	0.35	Straddle Channel		
Ant 1 (dBi)		-1.10				Ant 1 (dBi)	-1.80	
Ant 2 (dBi)		-4.70				Ant 2 (dBi)	-3.70	

UNII-1 (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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HT20 (FCC)	5180	36	--				18.95	18.91	18.95	18.91			9.027	9.021	9.027	9.021
	5200	40	--		24	24	19.88	19.83	19.88	19.83	11	11	9.713	9.682	9.713	9.682
	5240	48	--				19.92	19.95	19.92	19.95			9.832	9.971	9.832	9.971
HT40 (FCC)	5190	38	--		24	24	16.37	16.42	16.37	16.42	11	11	3.201	3.409	3.301	3.509
	5230	46	--				20.38	20.44	20.38	20.44			7.115	7.369	7.215	7.469
VHT80 (FCC)	5210	42	--		24	24	16.37	16.42	16.37	16.42	11	11	0.327	0.402	0.537	0.612
VHT160 (FCC)	5250 (Straddle)	50	--		24	24	14.42	14.36	14.42	14.36	11	11	-4.654	-4.913	-4.304	-4.563

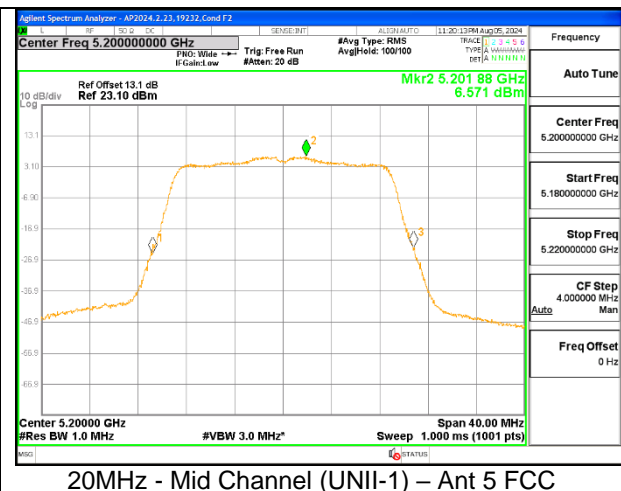
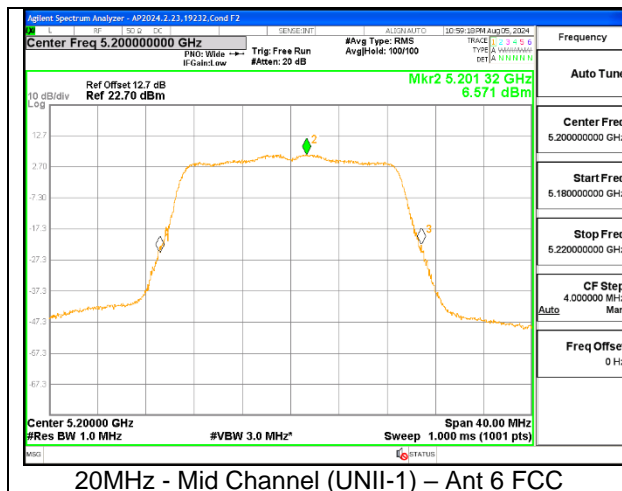


9.5.2. 802.11n/ac MIMO CDD MODE IN THE UNII-1 BAND

UNII-1 (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.10	0.21	0.35
Un-Correlated Gain (dBi)	-2.54			
Correlated Gain (dBi)	0.30			

UNII-2a (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	-2.65
Correlated Gain (dBi)	0.31

UNII-1 (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 1	Ant 2			Ant 1	Ant 2	
HT20 (FCC)	5180	36	--	24	16.90	16.82	19.87	11	6.555	6.439	9.508
	5200	40			16.98	16.96	19.98		6.571	6.571	9.581
	5240	48			16.86	16.93	19.91		6.525	6.593	9.569
HT40 (FCC)	5190	38	--	24	15.91	15.95	18.94	11	2.833	2.874	5.964
	5230	46			19.94	19.89	22.93		6.543	6.521	9.642
VHT80 (FCC)	5210	42	--	24	15.39	15.44	18.43	11	0.238	0.345	3.512
VHT160 (FCC)	5250 (Straddle)	50	--	24	13.95	13.86	16.92	11	-5.078	-5.358	-1.855

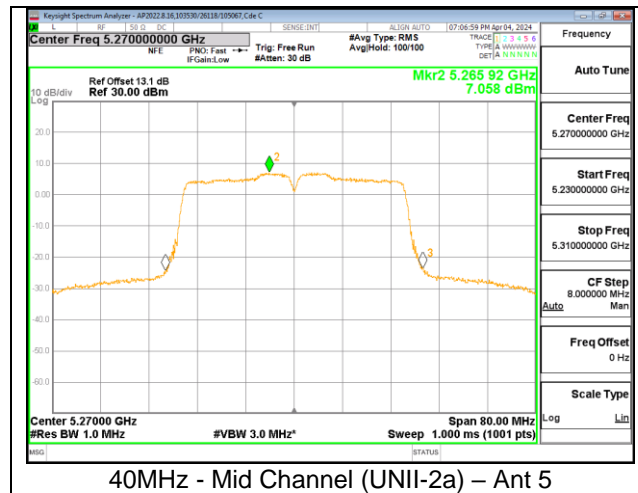


9.5.3. 802.11n/ac SISO MODE IN THE UNII-2A BAND

UNII-2a (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.10	0.21	0.35
Ant 1 (dBi)	-1.80			
Ant 2 (dBi)	-3.70			

UNII-1 (SISO)	
Straddle Channel	
Ant 1 (dBi)	-1.10
Ant 2 (dBi)	-4.70

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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HT20 (FCC)	5260	52	20.70	21.28	24.00	24.00	19.94	19.85	19.94	19.85			9.733	9.597	9.733	9.597
	5300	60	20.92	21.04	24.00	24.00	19.91	19.87	19.91	19.87	11.00	11.00	9.704	9.600	9.704	9.600
	5320	64	21.73	23.93	24.00	24.00	18.91	18.87	18.91	18.87			9.126	8.763	9.126	8.763
HT40 (FCC)	5270	54	41.21	41.41	24.00	24.00	20.44	20.39	20.44	20.39	11.00	11.00	7.299	7.058	7.399	7.158
	5310	62	45.00	43.41	24.00	24.00	16.87	16.82	16.87	16.82			3.648	3.515	3.748	3.615
VHT80 (FCC)	5290	58	83.20	85.63	24.00	24.00	16.93	16.86	16.93	16.86	11.00	11.00	0.584	0.424	0.794	0.634
VHT160 (FCC)	5250 (Straddle)	50	163.90	163.90	24.00	24.00	14.42	14.36	14.42	14.36	11.00	11.00	-4.654	-4.913	-4.304	-4.563

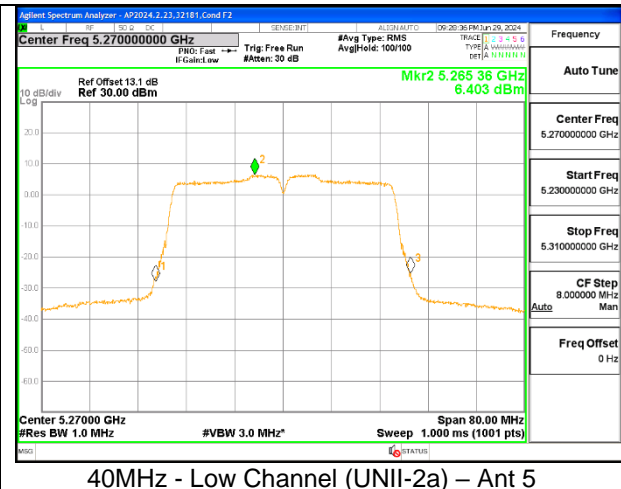
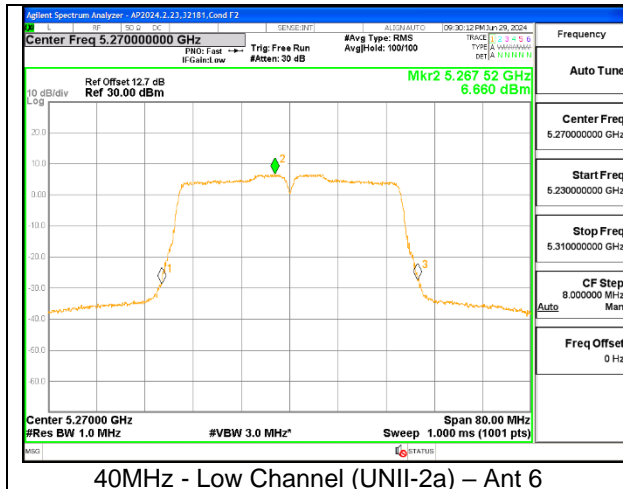


9.5.4. 802.11n/ac MIMO CDD MODE IN THE UNII-2A BAND

UNII-2a (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.10	0.21	0.35
Un-Correlated Gain (dBi)	-2.65			
Correlated Gain (dBi)	0.31			

UNII-1 (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	-2.54
Correlated Gain (dBi)	0.30

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 1	Ant 2			Ant 1	Ant 2	
HT20 (FCC)	5260	52	20.88	24.00	16.85	16.79	19.83	11.00	6.839	6.712	9.786
	5300	60	21.02	24.00	16.94	16.87	19.92		7.013	6.877	9.956
	5320	64	21.29	24.00	16.91	16.81	19.87		6.900	6.809	9.865
HT40 (FCC)	5270	54	40.73	24.00	19.88	19.82	22.86	11.00	6.660	6.403	9.644
	5310	62	42.85	24.00	15.39	15.46	18.44		1.979	2.144	5.173
VHT80 (FCC)	5290	58	83.60	24.00	16.37	16.44	19.42	11.00	0.081	0.230	3.376
VHT160 (FCC)	5250 (Straddle)	50	163.10	24.00	13.95	13.86	16.92	11.00	-5.078	-5.358	-1.855

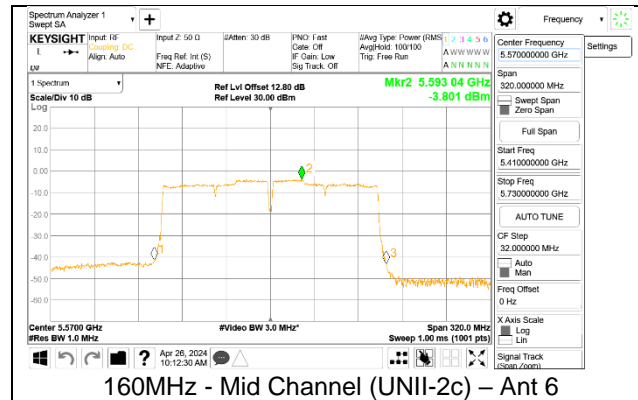


9.5.5. 802.11n/ac SISO MODE IN THE UNII-2C BAND

UNII-2c (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.10	0.21	0.35
Ant 1 (dBi)	-0.70			
Ant 2 (dBi)	-3.40			

UNII-3 (SISO)	
Straddle Channel	
Ant 1 (dBi)	-0.40
Ant 2 (dBi)	-3.30

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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HT20 (FCC)	5500	100	21.89	22.17	24.00	24.00	19.79	19.75	19.79	19.75	11.00	11.00	9.473	9.359	9.473	9.359
	5580	116	21.07	20.80	24.00	24.00	19.82	19.88	19.82	19.88			10.067	10.279	10.067	10.279
	5700	140	22.74	23.26	24.00	24.00	16.95	16.94	16.95	16.94			7.173	7.169	7.173	7.169
	5720 (Straddle)	144	13.95	13.94	22.45	22.44	19.81	19.92	19.81	19.92			9.610	9.904	9.610	9.904
HT40 (FCC)	5510	102	45.92	44.73	24.00	24.00	15.90	15.91	15.90	15.91	11.00	11.00	2.931	2.935	3.031	3.035
	5550	110	41.15	41.15	24.00	24.00	20.41	20.44	20.41	20.44			7.569	7.592	7.669	7.692
	5670	134	45.99	45.86	24.00	24.00	18.39	18.42	18.39	18.42			5.648	5.733	5.748	5.833
	5710 (Straddle)	142	41.10	40.99	24.00	24.00	20.43	20.31	20.43	20.31			7.708	7.486	7.808	7.586
VHT80 (FCC)	5530	106	85.04	82.31	24.00	24.00	16.82	16.91	16.82	16.91	11.00	11.00	0.633	0.830	0.843	1.040
	5610	122	86.43	84.85	24.00	24.00	20.31	20.44	20.31	20.44			4.434	4.721	4.644	4.931
	5690 (Straddle)	138	81.25	81.06	24.00	24.00	20.37	20.46	20.37	20.46			4.660	4.766	4.870	4.976
VHT160 (FCC)	5570	106	164.60	164.60	24.00	24.00	15.38	15.45	15.38	15.45	11.00	11.00	-3.801	-3.520	-3.451	-3.170

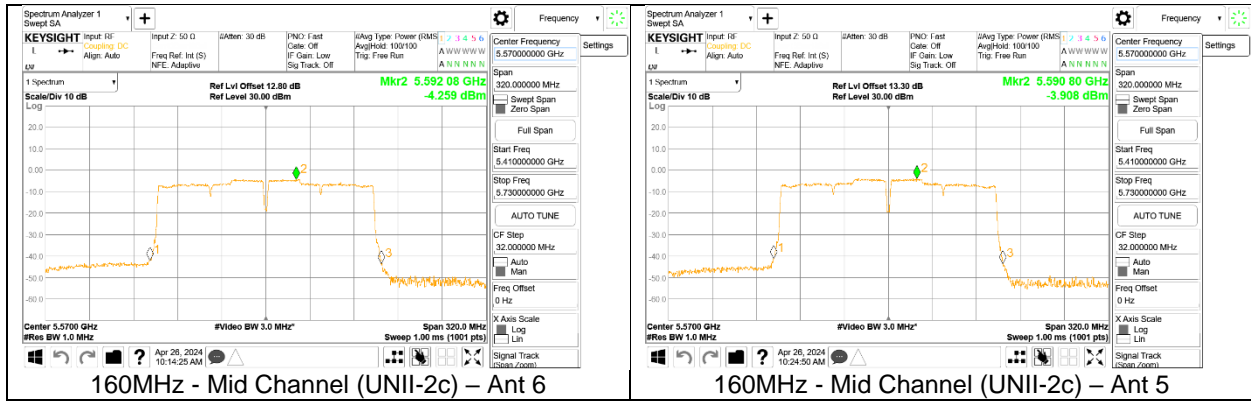


9.5.6. 802.11n/ac MIMO CDD MODE IN THE UNII-2C BAND

UNII-2c (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.10	0.21	0.35
Un-Correlated Gain (dBi)	-1.84			
Correlated Gain (dBi)	1.06			

UNII-3 (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	-1.61
Correlated Gain (dBi)	1.28

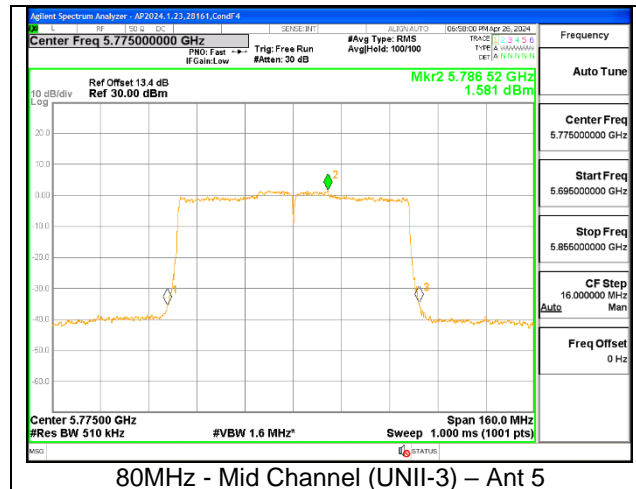
UNII-2c (MIMO CDD)	Freq (MHz)	Ch. #	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
					Ant 1	Ant 2			Ant 1	Ant 2	
HT20 (FCC)	5500	100	22.02	24.00	16.84	16.87	19.87	11.00	7.022	7.177	10.110
	5580	116	20.95	24.00	16.91	16.86	19.90		7.235	7.195	10.225
	5700	140	22.00	24.00	16.41	16.44	19.44		6.764	6.882	9.834
	5720 (Straddle)	144	15.46	22.89	16.86	16.88	19.88		6.962	6.966	9.974
HT40 (FCC)	5510	102	41.25	24.00	14.81	14.87	17.85	11.00	1.911	2.173	5.154
	5550	110	40.46	24.00	19.89	19.83	22.87		7.268	6.995	10.244
	5670	134	42.54	24.00	17.88	17.92	20.91		5.156	5.202	8.289
	5710 (Straddle)	142	40.62	24.00	19.81	19.88	22.86		6.705	6.815	9.871
VHT80 (FCC)	5530	106	82.31	24.00	16.44	16.36	19.41	11.00	0.285	0.106	3.417
	5610	122	83.53	24.00	19.94	19.90	22.93		3.312	3.251	6.502
	5690 (Straddle)	138	80.96	24.00	19.85	19.96	22.92		3.116	3.332	6.446
VHT160 (FCC)	5570	106	163.60	24.00	14.84	14.91	17.89	11.00	-4.259	-3.908	-0.720



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	0.10	0.21	N/A
Ant 1 (dBi)	-0.40			
Ant 2 (dBi)	-3.30			

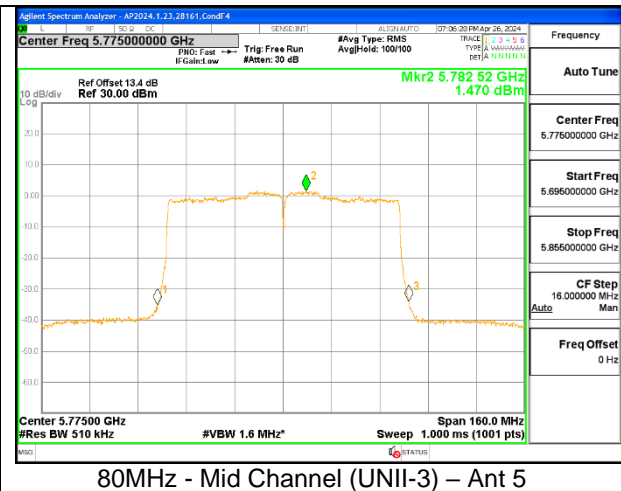
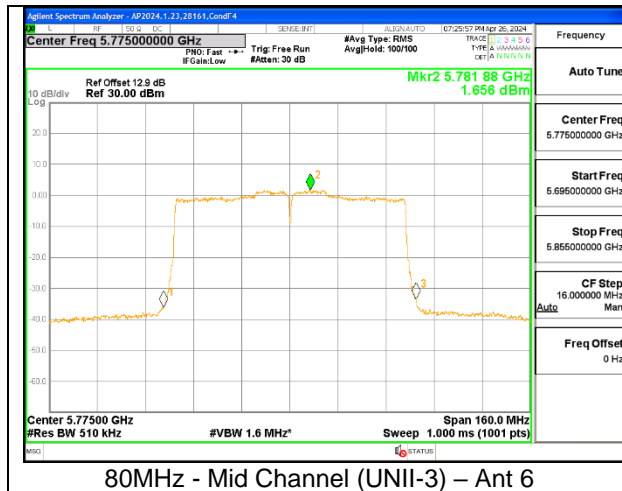
UNII-3 (SISO)	Freq (MHz)	Ch. #	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/500kHz)	
			Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HT20	5745	149	--		30	30	20.46	20.39	20.46	20.39	30	30	8.340	8.242	8.340	8.242
	5785	157	--		30	30	20.31	20.30	20.31	20.30	30	30	8.056	8.046	8.056	8.046
	5825	165	--		30	30	20.36	20.38	20.36	20.38	30	30	8.129	8.225	8.129	8.225
HT40	5755	151	--		30	30	20.44	20.41	20.44	20.41	30	30	5.377	5.298	5.477	5.398
	5795	159	--		30	30	20.36	20.39	20.36	20.39	30	30	5.036	5.066	5.136	5.166
VHT80	5775	155	--		30	30	20.46	20.39	20.46	20.39	30	30	1.749	1.581	1.959	1.791



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	0.10	0.21	N/A
Un-Correlated Gain (dBi)	-1.61			
Correlated Gain (dBi)	1.28			

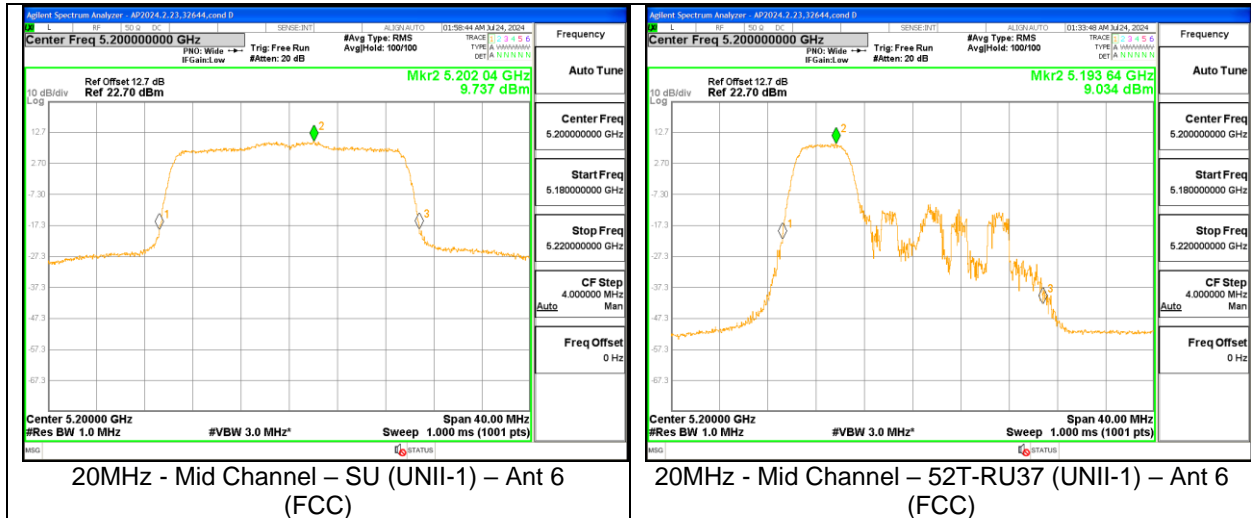
UNII-3 (MIMO CDD)	Freq (MHz)	Ch. #	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/500kHz)	PSD (dBm/500kHz)		Total MIMO Corrected PSD (dBm/500kHz)
					Ant 1	Ant 2			Ant 1	Ant 2	
HT20	5745	149	--	30	20.43	20.45	23.45	30	8.559	8.564	11.572
	5785	157			20.33	20.37	23.36		8.067	8.336	11.214
	5825	165			20.35	20.29	23.33		8.070	8.049	11.070
HT40	5755	151	--	30	20.46	20.41	23.45	30	5.375	5.276	8.436
	5795	159			20.37	20.35	23.37		4.982	4.959	8.081
VHT80	5775	155	--	30	20.44	20.39	23.43	30	1.656	1.470	4.784



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

UNII-1 (SISO)	20MHz		40MHz			80MHz			160MHz			UNII-2a (SISO)
	SU	52T	SU	242T	52T	SU	484T	52 + 26	SU	996T	242T	
DCCF (MCS0) (dB)	0.00	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.10	0.00	0.00	Straddle Channel Ant 1 (dBi) -1.80 Ant 2 (dBi) -3.70
Ant 1 (dBi)	-1.10											
Ant 2 (dBi)	-4.70											

UNII-1 (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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2									
EHT20 (FCC)	5180	36	SU	--	--	24.00	24.00	17.92	17.81	17.92	17.81	11.00	11.00	7.937	7.605	7.937	7.605										
				37				14.09	14.11	14.09	14.11			8.664	8.698	8.664	8.698										
			52T	38				14.20	14.15	14.20	14.15			9.078	8.882	9.078	8.882										
			40	14.18				14.24	14.18	14.24	8.987			9.149	8.987	9.149											
	5200	40	SU	--				--	24.00	24.00	19.85			19.92	19.85	19.92	11.00	11.00	9.737	9.864	9.737	9.864					
				37							14.21			14.13	14.21	14.13			9.034	8.934	9.034	8.934					
			52T	38							14.17			14.10	14.17	14.10			8.974	8.751	8.974	8.751					
			40	14.24							14.15			14.24	14.15	9.277			8.954	9.277	8.954						
	5240	48	SU	--							--			24.00	24.00	19.89			19.82	19.89	19.82	11.00	11.00	9.512	9.389	9.512	9.389
				37												14.10			14.19	14.10	14.19			8.832	9.142	8.832	9.142
			52T	38												14.15			14.21	14.15	14.21			9.007	9.185	9.007	9.185
			40	14.23												14.16			14.23	14.16	9.122			9.008	9.122	9.008	
EHT40 (FCC)	5190	38	SU	--	--	24.00	24.00					15.86	15.91			15.86			15.91	11.00	11.00			2.402	2.550	2.502	2.650
				242T								61	17.85			17.81			17.85					17.81	6.056	6.029	6.056
			37	17.91								17.87	17.91			17.87			6.294					6.107	6.294	6.107	
			41	11.13								11.10	11.13			11.10			5.583					5.270	5.683	5.370	
	5230	46	SU	--				--	24.00	24.00		11.21	11.15			11.21	11.15	11.00	11.00					5.984	5.616	6.084	5.716
				242T								61	11.18			11.24	11.18							11.24	5.684	6.075	5.784
			37	20.45								20.32	20.45			20.32	6.960							6.700	7.060	6.800	
			41	19.87								19.94	19.87			19.94	8.331							8.423	8.331	8.423	
	5210	42	SU	--							--	24.00	24.00	16.42	16.38	16.42	16.38					11.00	11.00	0.729	0.401	0.729	0.401
				484T										65	14.91	14.88	14.91							14.88	1.672	1.574	1.672
			71	14.83										14.81	14.83	14.81	1.362							1.353	1.362	1.353	
			80	9.57										9.65	9.57	9.65	2.305							2.579	2.305	2.579	
EHT160 (FCC)	5250 (Straddle)	50	SU	--	--	24.00	24.00							14.39	14.43	14.39	14.43			11.00	11.00			-4.643	-4.610	-4.543	-4.510
				67										15.43	15.41	15.43	15.41							-0.898	-0.915	-0.898	-0.915
			996T	67										15.38	15.35	15.38	15.35							-1.014	-1.134	-1.014	-1.134
			567	17.91										17.79	17.91	17.79	6.880							6.418	6.880	6.418	
			61	17.82				17.76	17.82	17.76				6.426	6.639	6.426	6.639										
			242T	62				17.85	17.88	17.85				17.88	6.659	6.803	6.659	6.803									
			64	17.85				17.88	17.85	17.88				6.659	6.803	6.659	6.803										
			64	17.85				17.88	17.85	17.88				6.659	6.803	6.659	6.803										

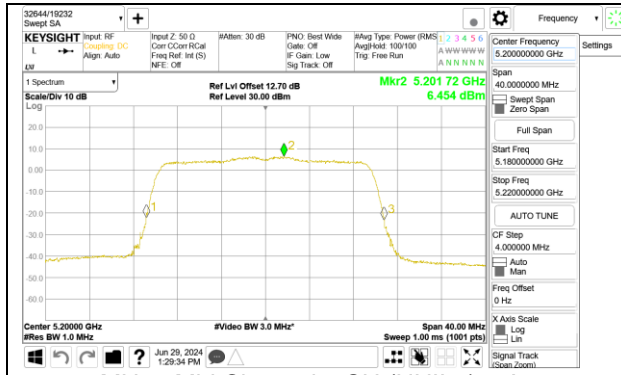


9.5.10. 802.11be MIMO CDD MODE IN THE UNII-1 BAND

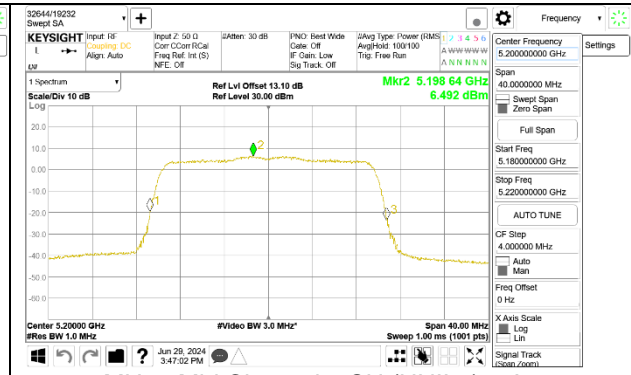
UNII-1 (MIMO CDD)	20MHz		40MHz			80MHz			160MHz		
	SU	Partial RU 52T	SU	242T	52T	SU	484T	52 + 26	SU	996T	242T
DCCF (MCS0) (dB)	0.00	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.10	0.00	0.00
Un-Correlated Gain (dBi)	-2.54										
Correlated Gain (dBi)	0.30										

UNII-2a (MIMO CDD)	
Straddle Channel	
Un-Corr. Gain (dBi)	-2.65
Corr. Gain (dBi)	0.31

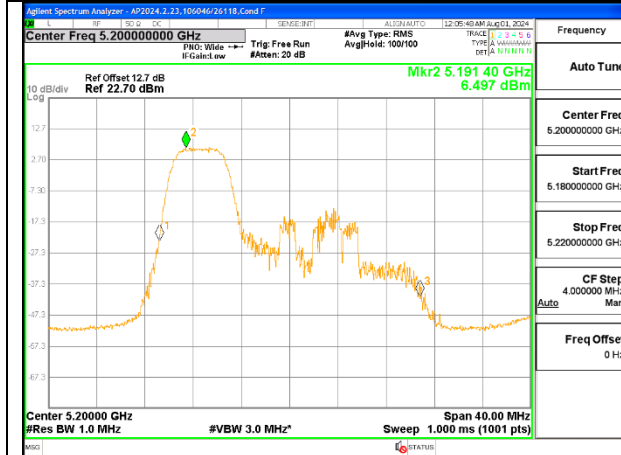
UNII-2a (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)			PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)						
							Ant 1		Ant 2		Ant 1			Ant 2					
							Ant 1	Ant 2	Ant 1		Ant 2								
EHT20 (FCC)	5180	36	SU	--	--	24	16.81	16.89	19.86	11	6.294	6.412	9.364						
				37			11.90	11.85	14.89		6.498	6.488	9.503						
				38			11.99	11.93	14.97		6.571	6.498	9.545						
			52T	40			11.96	11.81	14.90		6.519	6.381	9.461						
				SU			--	16.82	16.87		19.86	6.454	6.492	9.483					
							37	11.93	11.90		14.93	6.497	6.469	9.493					
	38	11.96	11.89				14.94	6.558	6.467		9.523								
	5200	40	52T	40			11.80	11.85	14.84		6.318	6.428	9.384						
				37			16.91	16.84	19.89		6.545	6.430	9.498						
				38			11.82	11.90	14.87		6.374	6.567	9.482						
			5240	48			52T	40	11.96		11.94	14.96	6.588	6.584	9.596				
								37	11.99		11.86	14.94	6.619	6.493	9.567				
40					11.99	11.86		14.94	6.619	6.493	9.567								
EHT40 (FCC)	5190	38	SU	--	--	24	15.40	15.37	18.40	11	2.210	2.067	5.249						
				61			16.81	16.85	19.84		5.448	5.610	8.540						
				62			16.77	16.89	19.84		5.336	5.626	8.494						
			242T	37			11.18	11.13	14.17		6.191	6.104	9.258						
				41			11.21	11.10	14.17		6.250	6.050	9.261						
				44			11.15	11.24	14.21		6.097	6.287	9.303						
			5230	46			SU	--	19.84		19.87	22.87	6.836	6.878	9.967				
								61	16.85		16.89	19.88	5.349	5.426	8.398				
								62	16.76		16.79	19.79	5.238	5.370	8.315				
	242T	37					11.18	11.13	14.17		6.128	6.112	9.230						
		41					11.15	11.23	14.20		6.126	6.170	9.258						
		44					11.21	11.10	14.17		6.152	6.024	9.199						
	EHT80 (FCC)	5210					42	SU	--		--	24	15.34	15.39	18.38	11	-0.828	-0.735	2.229
									65				14.27	14.39	17.34		0.838	1.167	4.016
									66				14.37	14.29	17.34		1.150	0.990	4.081
			484T	71				9.57	9.62				12.61	2.191	2.498		5.358		
				74				9.67	9.60				12.65	2.687	2.453		5.582		
				80				9.70	9.74				12.73	2.694	2.850		5.783		
52 + 26			80	13.89	13.81	16.86		-5.288	-5.481	-2.273									
			SU	--	14.39	14.31		17.36	-1.811	-2.147			1.035						
				67	14.29	14.35		17.33	-2.230	-2.084			0.854						
				S67	16.85	16.89		19.88	5.498	5.511			8.515						
	242T	61	16.79	16.81	19.81	5.404	5.451	8.438											
		62	16.82	16.77	19.81	5.439	5.290	8.375											
		S64																	



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



20MHz - Mid Channel – SU (UNII-1) – Ant 5 (FCC)



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



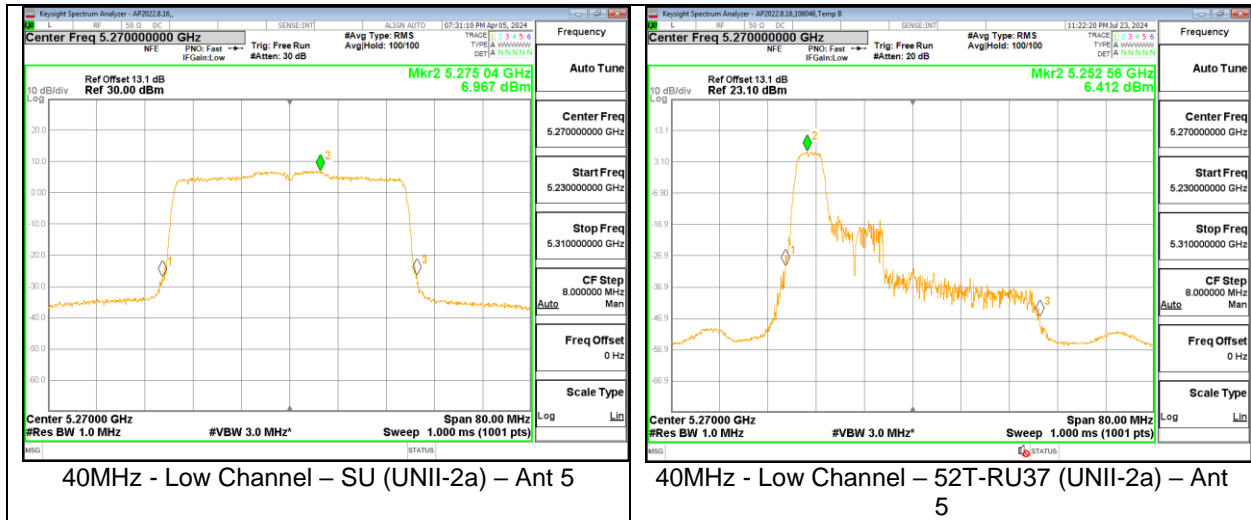
20MHz - Mid Channel – 52T-RU37 (UNII-1) – Ant 5 (FCC)

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

UNII-2a (SISO)	20MHz		40MHz		80MHz		160MHz		
	SU	52T	SU	52T	SU	242T	SU	996T	242T
DCCF (MCS0) (dB)	0.00	0.00	0.10	0.10	0.00	0.00	0.10	0.00	0.00
Ant 1 (dBi)	-1.80								
Ant 2 (dBi)	-3.70								

UNII-1 (SISO)	
Straddle Channel	
Ant 1 (dBi)	-1.10
Ant 2 (dBi)	-4.70

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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
EHT20 (FCC)	5260	52	SU	--	20.83	20.97	24.00	24.00	19.81	19.87	19.81	19.87	11.00	11.00	9.414	9.544	9.414	9.544
				37	20.02	19.76	24.00	23.96	14.11	14.05	14.11	14.05			9.711	9.558	9.711	9.558
			52T	38	19.39	19.43	23.88	23.88	14.16	14.09	14.16	14.09			9.773	9.614	9.773	9.614
				40	20.58	20.42	24.00	24.00	14.14	14.19	14.14	14.19			9.757	9.782	9.757	9.782
	5300	60	SU	--	21.00	21.25	24.00	24.00	19.78	19.89	19.78	19.89	11.00	11.00	9.292	9.431	9.292	9.431
				37	19.74	19.75	23.95	23.96	14.13	14.08	14.13	14.08			9.650	9.531	9.650	9.531
			52T	38	19.09	19.39	23.81	23.88	14.15	14.19	14.15	14.19			9.658	9.765	9.658	9.765
				40	20.79	20.62	24.00	24.00	14.11	14.21	14.11	14.21			9.579	9.818	9.579	9.818
	5320	64	SU	--	21.93	23.28	24.00	24.00	17.81	17.89	17.81	17.89	11.00	11.00	7.327	7.471	7.327	7.471
				37	20.05	19.67	24.00	23.94	14.06	14.09	14.06	14.09			9.424	9.430	9.424	9.430
			52T	38	19.24	19.42	23.84	23.88	14.16	14.19	14.16	14.19			9.771	9.854	9.771	9.854
				40	20.56	20.21	24.00	24.00	14.11	14.14	14.11	14.14			9.667	9.757	9.667	9.757
EHT40 (FCC)	5270	54	SU	--	41.24	41.07	24.00	24.00	20.31	20.39	20.31	20.39	11.00	11.00	6.887	6.967	6.987	7.067
				37	19.35	20.54	23.87	24.00	11.19	11.04	11.19	11.04			6.759	6.412	6.859	6.512
			52T	41	23.91	24.63	24.00	24.00	11.11	11.15	11.11	11.15			6.644	6.721	6.744	6.821
				44	21.88	22.01	24.00	24.00	11.07	11.09	11.07	11.09			6.576	6.623	6.676	6.723
	5310	62	SU	--	43.71	43.63	24.00	24.00	15.81	15.87	15.81	15.87	11.00	11.00	2.586	2.692	2.686	2.792
				37	20.31	20.35	24.00	24.00	11.11	11.16	11.11	11.16			6.482	6.631	6.582	6.731
			52T	41	24.19	25.63	24.00	24.00	11.19	11.08	11.19	11.08			6.786	6.444	6.886	6.544
				44	21.62	20.58	24.00	24.00	11.13	11.05	11.13	11.05			6.616	6.430	6.716	6.530
EHT80 (FCC)	5290	58	SU	--	85.69	84.83	24.00	24.00	16.87	16.83	16.87	16.83	11.00	11.00	1.144	0.939	1.144	0.939
				61	30.44	29.02	24.00	24.00	17.69	17.65	17.69	17.65			6.515	6.513	6.515	6.513
			242T	62	31.26	35.79	24.00	24.00	17.88	17.81	17.88	17.81			6.615	6.551	6.615	6.551
				64	28.78	29.80	24.00	24.00	17.73	17.79	17.73	17.79			6.523	6.543	6.523	6.543
EHT160 (FCC)	5250 (Straddle)	50	SU	--	164.30	164.40	24.00	24.00	14.39	14.43	14.39	14.43	11.00	11.00	-4.643	-4.610	-4.543	-4.510
				67	97.16	92.86	24.00	24.00	15.43	15.41	15.43	15.41			-0.898	-0.915	-0.898	-0.915
			996T	567	93.65	92.69	24.00	24.00	15.38	15.35	15.38	15.35			-1.014	-1.134	-1.014	-1.134
				61	29.61	27.00	24.00	24.00	17.91	17.79	17.91	17.79			6.880	6.418	6.880	6.418
			242T	62	32.16	32.90	24.00	24.00	17.82	17.76	17.82	17.76			6.426	6.639	6.426	6.639
				564	26.28	27.95	24.00	24.00	17.85	17.88	17.85	17.88			6.659	6.803	6.659	6.803

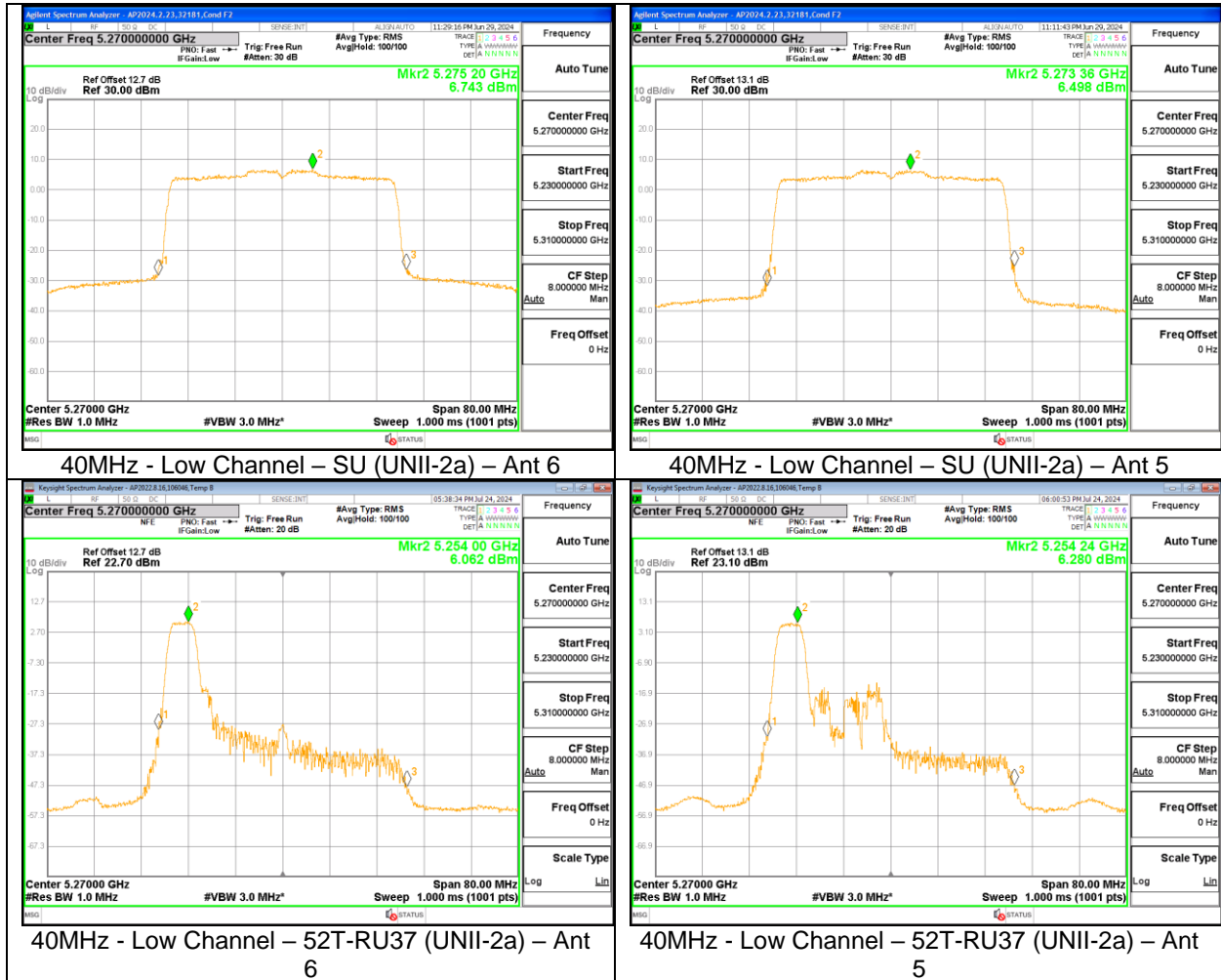


9.5.12. 802.11be MIMO CDD MODE IN THE UNII-2A BAND

UNII-2a (MIMO CDD)	20MHz		40MHz		80MHz		160MHz		
	SU	52T	SU	52T	SU	242T	SU	996T	242T
DCCF (MCS0) (dB)	0.00	0.00	0.10	0.10	0.00	0.00	0.10	0.00	0.00
Un-Correlated Gain (dBi)	-2.65								
Correlated Gain (dBi)	0.31								

UNII-1 (MIMO CDD)	
Straddle Channel	
Un-Corr. Gain (dBi)	-2.54
Corr. Gain (dBi)	0.30

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 1	Ant 2			Ant 1	Ant 2	
EHT20 (FCC)	5260	52	SU	--	20.91	24.00	16.87	16.79	19.84	11.00	6.474	6.374	9.435
				37	19.66	23.94	11.87	11.81	14.85		6.849	6.796	9.833
			52T	38	18.73	23.73	11.95	11.83	14.90		7.028	6.825	9.938
				40	19.54	23.91	11.77	11.91	14.85		6.727	6.952	9.851
	5300	60	SU	--	20.71	24.00	16.78	16.85	19.83		6.287	6.425	9.367
				37	19.64	23.93	11.78	11.85	14.83		6.705	6.846	9.786
			52T	38	18.00	23.55	11.77	11.89	14.84		6.702	6.979	9.853
				40	19.59	23.92	11.81	11.73	14.78		6.823	6.695	9.770
	5320	64	SU	--	21.40	24.00	16.91	16.82	19.88		6.623	6.407	9.527
				37	19.72	23.95	11.85	11.91	14.89		6.903	7.056	9.990
			52T	38	18.57	23.69	11.79	11.76	14.79		6.789	6.752	9.781
				40	19.68	23.94	11.81	11.89	14.86		6.835	6.958	9.907
EHT40 (FCC)	5270	54	SU	--	40.71	24.00	19.88	19.79	22.85	11.00	6.743	6.498	9.733
				37	19.77	23.96	11.01	11.05	14.04		6.062	6.280	9.283
			52T	41	22.76	24.00	11.09	11.19	14.15		6.400	6.594	9.608
				44	19.87	23.98	11.15	11.12	14.15		6.566	6.477	9.632
	5310	62	SU	--	42.30	24.00	15.39	15.36	18.39		1.897	1.813	4.966
				37	19.42	23.88	11.10	11.13	14.13		6.180	6.378	9.390
			52T	41	23.65	24.00	11.17	11.24	14.22		6.556	6.678	9.728
				44	19.83	23.97	11.21	11.19	14.21		6.649	6.581	9.725
EHT80 (FCC)	5290	58	SU	--	82.12	24.00	15.96	15.83	18.91	11.00	-0.477	-0.772	2.388
				61	26.63	24.00	16.90	16.97	19.95		5.433	5.515	8.484
			242T	62	26.48	24.00	16.86	16.76	19.82		5.296	5.204	8.261
				64	26.96	24.00	16.80	16.93	19.88		5.293	5.475	8.395
EHT160 (FCC)	5250 (Straddle)	50	SU	--	164.20	24.00	13.89	13.81	16.86	11.00	-5.288	-5.481	-2.273
				67	93.42	24.00	14.39	14.31	17.36		-1.811	-2.147	1.035
			996T	S67	94.53	24.00	14.29	14.35	17.33		-2.230	-2.084	0.854
				61	25.67	24.00	16.85	16.89	19.88		5.498	5.511	8.515
			242T	62	31.78	24.00	16.79	16.81	19.81		5.404	5.451	8.438
				S64	26.91	24.00	16.82	16.77	19.81		5.439	5.290	8.375

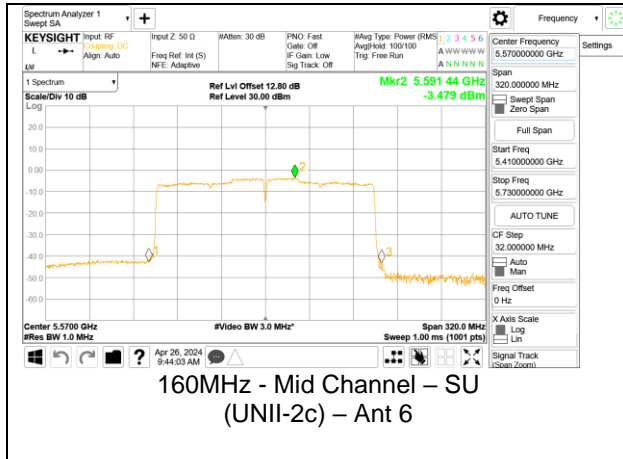


9.5.13. 802.11be SISO MODE IN THE UNII-2C BAND

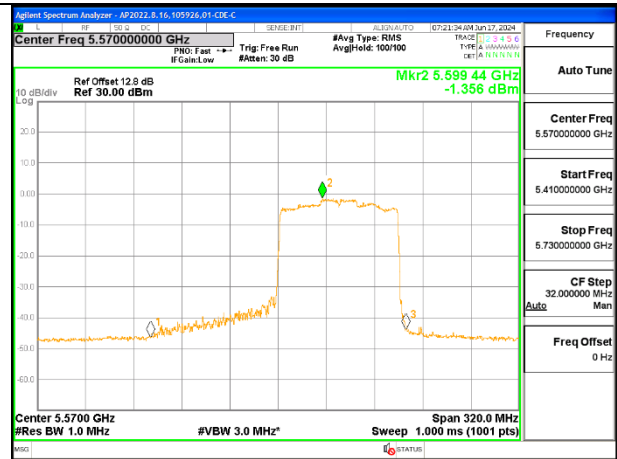
UNII-2c (SISO)	20MHz		40MHz		80MHz		160MHz		
	SU	52T	SU	52T	SU	242T	SU	996T	242T
DCCF (MCS0) (dB)	0.00	0.00	0.10	0.10	0.00	0.00	0.10	0.00	0.00
Ant 1 (dBi)	-0.70								
Ant 2 (dBi)	-3.40								

UNII-3 (SISO)	
Straddle Channel	
Ant 1 (dBi)	-0.40
Ant 2 (dBi)	-3.30

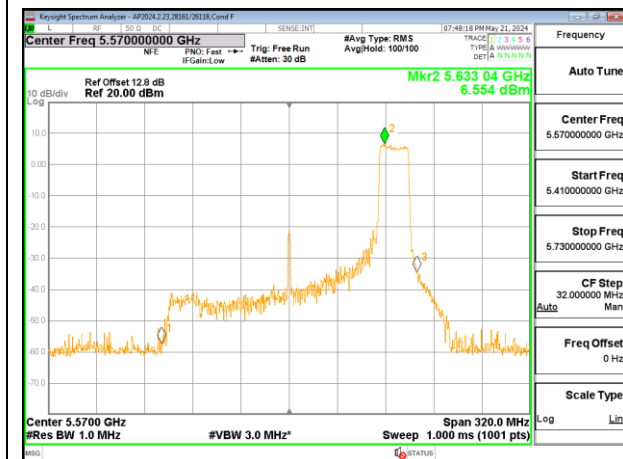
UNII-2c (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)		
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
EHT20 (FCC)	5500	100	SU	--	22.68	21.40	24.00	24.00	18.75	18.89	18.75	18.89	11.00	11.00	8.864	9.110	8.864	9.110	
			52T	37	19.67	19.67	23.94	23.94	14.09	14.19	14.09	14.19			8.326	8.696	8.326	8.696	
				38	19.32	18.93	23.86	23.77	14.09	14.16	14.09	14.16			8.325	8.644	8.325	8.644	
		40	20.58	20.05	24.00	24.00	14.12	14.21	14.12	14.21	8.517	8.735			8.517	8.735			
		5580	116	SU	--	21.06	21.17	24.00	24.00	19.80	19.89	19.80			19.89	9.659	9.512	9.659	9.512
				52T	37	19.90	19.92	23.99	23.99	14.11	14.15	14.11			14.15	8.411	8.449	8.411	8.449
	38				19.41	19.16	23.88	23.82	14.02	14.19	14.02	14.19	8.306	8.645	8.306	8.645			
	40	20.60	20.62	24.00	24.00	14.08	14.05	14.08	14.05	8.353	8.316	8.353	8.316						
	5700	140	SU	--	21.80	23.22	24.00	24.00	16.32	16.41	16.32	16.41	11.00	11.00	8.411	8.449	8.411	8.449	
			52T	37	19.76	19.93	23.96	24.00	14.14	14.20	14.14	14.20	8.268	8.307	8.268	8.307			
				38	19.07	19.14	23.80	23.82	14.17	14.07	14.17	14.07	8.273	8.040	8.273	8.040			
		40	20.29	20.65	24.00	24.00	14.09	14.11	14.09	14.11	8.137	8.261	8.137	8.261					
		5720 (Straddle)	144	SU	--	15.51	15.69	22.91	22.96	19.91	19.77	19.91	19.77	9.150	9.129	9.150	9.129		
				52T	37	14.80	14.94	22.70	22.74	14.11	14.07	14.11	14.07	8.235	8.128	8.235	8.128		
	38				14.63	14.64	22.65	22.66	14.09	14.13	14.09	14.13	8.213	8.299	8.213	8.299			
	40	15.27	15.31	22.84	22.85	14.19	14.15	14.19	14.15	8.538	8.372	8.538	8.372						
EHT40 (FCC)	5510	102	SU	--	44.01	42.98	24.00	24.00	15.77	15.88	15.77	15.88	11.00	11.00	2.756	2.983	2.856	3.083	
			52T	37	20.97	19.81	24.00	23.97	11.11	11.19	11.11	11.19			5.230	5.457	5.330	5.557	
				41	24.39	25.37	24.00	24.00	11.09	11.14	11.09	11.14			5.031	5.355	5.131	5.455	
		44	22.31	21.98	24.00	24.00	11.17	11.21	11.17	11.21	5.379	5.516			5.479	5.616			
	5550	110	SU	--	41.21	41.08	24.00	24.00	20.39	20.31	20.39	20.31	7.562	7.319	7.662	7.419			
			52T	37	19.92	20.13	23.99	24.00	11.04	11.07	11.04	11.07	5.250	5.381	5.350	5.481			
				41	25.59	24.99	24.00	24.00	11.01	11.09	11.01	11.09	5.152	5.438	5.252	5.538			
	44	22.45	21.95	24.00	24.00	11.21	11.19	11.21	11.19	5.643	5.499	5.743	5.599						
	5670	134	SU	--	41.52	41.40	24.00	24.00	17.81	17.87	17.81	17.87	11.00	11.00	5.215	5.459	5.315	5.559	
			52T	37	20.51	20.47	24.00	24.00	11.11	11.14	11.11	11.14	4.322	4.615	4.422	4.715			
				41	25.95	25.41	24.00	24.00	11.22	11.19	11.22	11.19	4.804	4.713	4.904	4.813			
		44	21.46	20.80	24.00	24.00	11.21	11.16	11.21	11.16	4.803	4.660	4.903	4.760					
	5710 (Straddle)	142	SU	--	40.78	41.08	24.00	24.00	20.43	20.31	20.43	20.31	7.650	7.405	7.750	7.505			
			52T	37	20.72	20.68	24.00	24.00	11.12	11.15	11.12	11.15	4.844	4.850	4.944	4.950			
				41	27.27	25.28	24.00	24.00	11.07	11.10	11.07	11.10	4.798	4.830	4.898	4.930			
				44	20.96	21.99	24.00	24.00	11.18	11.20	11.18	11.20	4.964	5.056	5.064	5.156			
EHT80 (FCC)	5530	106	SU	--	84.60	83.02	24.00	24.00	15.81	15.89	15.81	15.89	11.00	11.00	-0.200	-0.049	-0.200	-0.049	
			242T	61	30.21	32.46	24.00	24.00	17.88	17.79	17.88	17.79			6.745	6.447	6.745	6.447	
				62	32.88	28.20	24.00	24.00	17.65	17.83	17.65	17.83			6.296	6.638	6.296	6.638	
				64	30.57	30.73	24.00	24.00	17.73	17.69	17.73	17.69			6.400	6.374	6.400	6.374	
	5610	122	SU	--	83.28	84.61	24.00	24.00	20.31	20.39	20.31	20.39	4.490	4.541	4.490	4.541			
			242T	61	28.92	26.88	24.00	24.00	19.88	19.81	19.88	19.81	7.867	7.840	7.867	7.840			
				62	30.78	33.85	24.00	24.00	19.75	19.71	19.75	19.71	7.746	7.739	7.746	7.739			
				64	29.48	29.93	24.00	24.00	19.78	19.83	19.78	19.83	7.652	7.855	7.652	7.855			
	5690 (Straddle)	138	SU	--	82.23	81.18	24.00	24.00	20.37	20.42	20.37	20.42	4.176	4.291	4.176	4.291			
			242T	61	29.87	30.16	24.00	24.00	15.39	15.48	15.39	15.48	3.923	3.975	3.923	3.975			
				62	36.57	38.16	24.00	24.00	15.35	15.45	15.35	15.45	3.893	3.960	3.893	3.960			
				64	30.65	31.77	24.00	24.00	15.30	15.41	15.30	15.41	3.779	3.929	3.779	3.929			
	EHT160 (FCC)	5570	106	SU	--	165.50	163.20	24.00	24.00	15.34	15.31	15.34	15.31	11.00	11.00	-3.479	-3.598	-3.379	-3.498
				996T	67	85.56	84.82	24.00	24.00	14.81	14.83	14.81	14.83			-1.351	-1.334	-1.351	-1.334
					S67	86.89	85.44	24.00	24.00	14.77	14.87	14.77	14.87			-1.356	-1.211	-1.356	-1.211
					61	27.85	28.45	24.00	24.00	17.93	17.97	17.93	17.97			6.633	6.844	6.633	6.844
242T				62	32.19	31.67	24.00	24.00	17.90	17.83	17.90	17.83	6.592			6.497	6.592	6.497	
				S64	30.54	27.76	24.00	24.00	17.86	17.80	17.86	17.80	6.554			6.419	6.554	6.419	



160MHz - Mid Channel – SU
(UNII-2c) – Ant 6



160MHz - Mid Channel – 996T-S67
(UNII-2c) – Ant 6



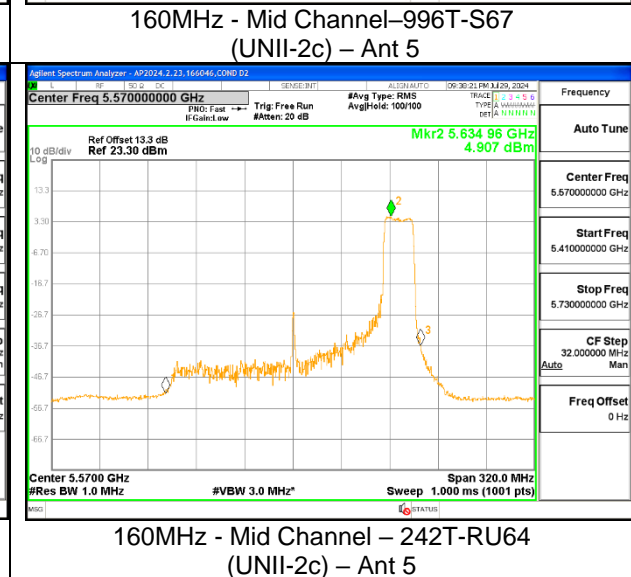
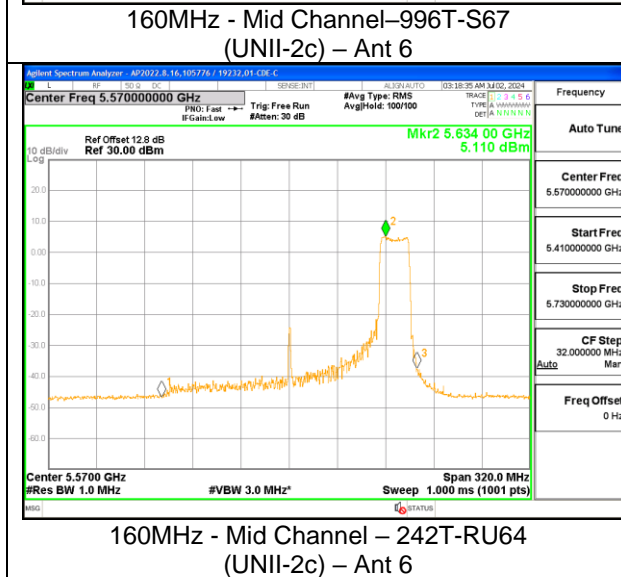
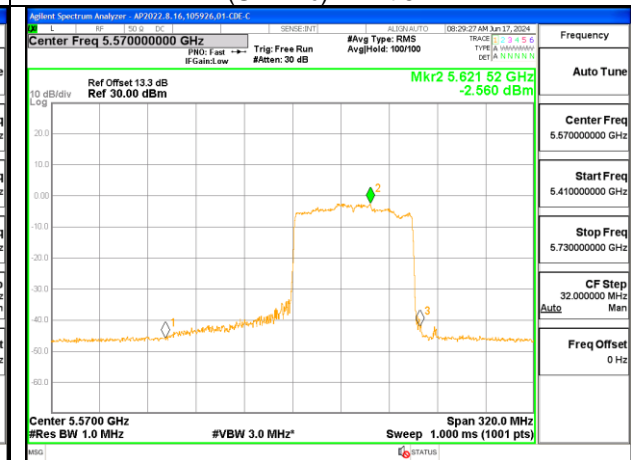
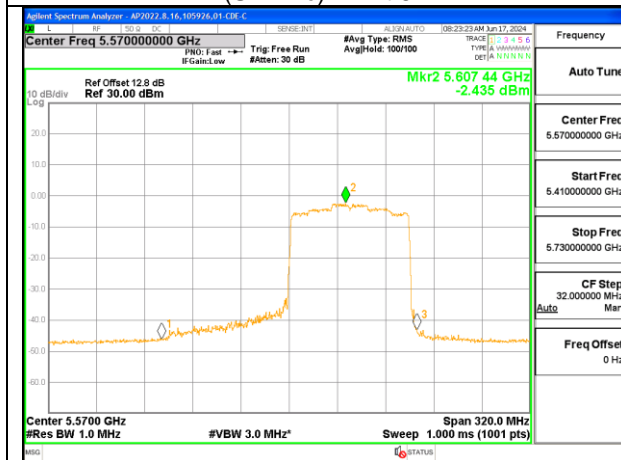
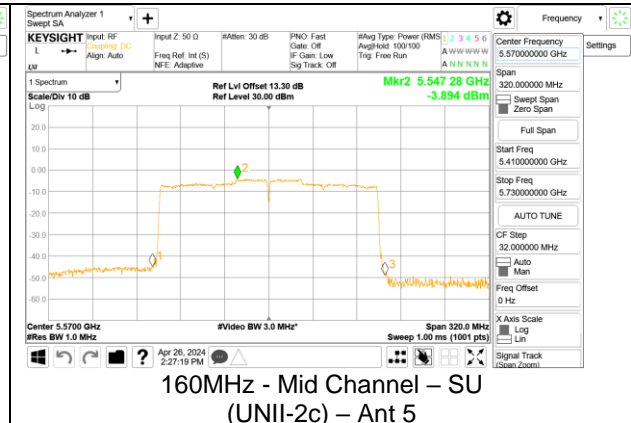
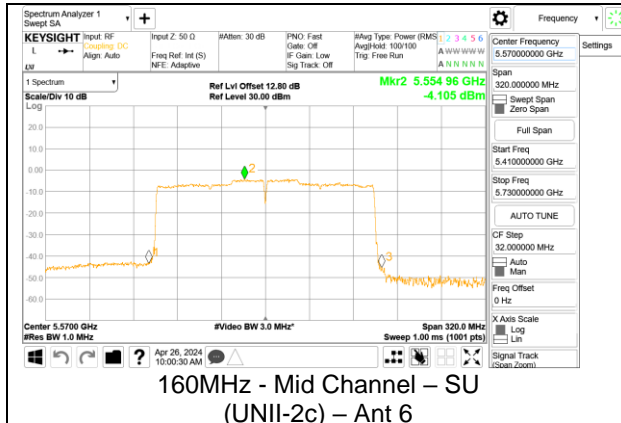
160MHz - Mid Channel – 242T-S64
(UNII-2c) – Ant 6

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

UNII-2c (MIMO CDD)	20MHz		40MHz		80MHz		160MHz		
	SU	52T	SU	52T	SU	242T	SU	996T	242T
DCCF (MCS0) (dB)	0.00	0.00	0.10	0.10	0.00	0.00	0.10	0.00	0.00
Un-Correlated Gain (dBi)	-1.84								
Correlated Gain (dBi)	1.06								

UNII-3 (MIMO CDD)	
Straddle Channel	
Un-Corr. Gain (dBi)	-1.61
Corr. Gain (dBi)	1.28

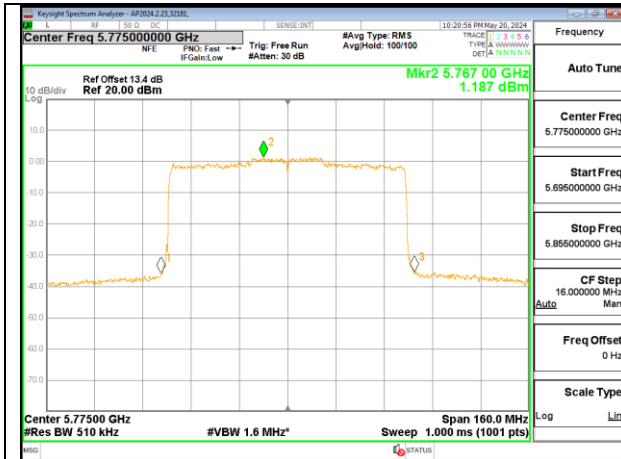
UNII-2c (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)	
							Ant 1	Ant 2			Ant 1	Ant 2		
EHT20 (FCC)	5500	100	SU	--	21.30	24.00	16.94	16.82	19.89	11.00	6.302	6.140	9.232	
					37	19.68	23.94	11.80	11.83		14.83	6.328	6.330	9.339
					38	18.32	23.63	11.90	11.86		14.89	6.491	6.341	9.427
	5580	116	52T	--	20.97	24.00	16.99	16.91	19.96		6.505	6.578	9.552	
					37	19.68	23.94	11.81	11.99		14.91	6.405	6.291	9.359
					38	18.40	23.65	11.88	11.85		14.88	6.323	6.573	9.460
	5700	140	52T	--	19.61	23.92	11.92	11.76	14.85		6.388	6.354	9.381	
					37	19.57	23.92	11.97	11.95		14.97	6.428	6.297	9.373
					38	18.60	23.70	11.91	11.76		14.85	5.034	5.096	8.075
	5720 (Straddle)	144	52T	--	15.47	22.89	16.88	16.72	19.81		6.544	6.416	9.491	
					37	14.90	22.73	11.85	11.73		14.80	6.339	6.187	9.274
					38	14.26	22.54	11.91	11.78		14.86	6.309	6.318	9.324
EHT40 (FCC)	5510	102	SU	--	41.37	24.00	15.34	15.39	18.38	6.511	6.202	9.370		
					37	19.80	23.97	11.05	11.11	14.09	6.556	6.319	9.501	
					41	23.82	24.00	11.09	11.19	14.15	6.911	6.589	9.763	
	5550	110	52T	--	40.79	24.00	19.87	19.72	22.81	6.642	6.269	9.470		
					37	19.85	23.98	11.05	11.13	14.10	5.097	5.215	8.267	
					41	25.36	24.00	11.09	11.19	14.15	5.251	4.867	8.174	
	5670	134	52T	--	19.91	23.99	11.15	11.21	14.19	4.917	5.212	8.177		
					37	19.79	23.96	11.09	11.05	14.08	5.123	5.465	8.408	
					41	23.42	24.00	11.19	11.17	14.19	5.296	5.499	8.509	
	5710 (Straddle)	142	52T	--	19.90	23.99	11.12	11.14	14.14	4.455	4.609	7.643		
					37	19.79	23.96	11.09	11.05	14.08	4.576	4.523	7.660	
					41	23.62	24.00	11.13	11.15	14.15	5.033	4.862	8.059	
EHT80 (FCC)	5530	106	SU	--	81.56	24.00	14.89	14.74	17.83	4.620	4.855	7.849		
					61	27.26	24.00	16.71	16.68	19.71	4.641	4.772	7.817	
					62	32.04	24.00	16.79	16.75	19.78	5.988	5.971	9.090	
	5610	122	242T	--	27.44	24.00	16.89	16.83	19.87	4.330	4.570	7.562		
					61	27.54	24.00	16.71	16.68	19.71	4.706	4.728	7.827	
					62	34.26	24.00	16.79	16.75	19.78	4.641	4.772	7.817	
	5690 (Straddle)	138	242T	--	83.42	24.00	19.78	19.89	22.85	4.641	4.772	7.817		
					61	27.47	24.00	14.77	14.61	17.70	4.706	4.728	7.827	
					62	34.68	24.00	14.71	14.65	17.69	4.641	4.772	7.817	
	EHT160 (FCC)	5570	106	SU	--	160.70	24.00	14.77	14.89	17.84	4.641	4.772	7.817	
						67	89.48	24.00	13.86	13.80	16.84	4.641	4.772	7.817
						S67	85.49	24.00	13.96	13.90	16.94	4.641	4.772	7.817
61						24.28	24.00	16.69	16.64	19.68	4.641	4.772	7.817	
62						29.21	24.00	16.73	16.79	19.77	4.641	4.772	7.817	
S64						25.47	24.00	16.88	16.83	19.87	4.641	4.772	7.817	



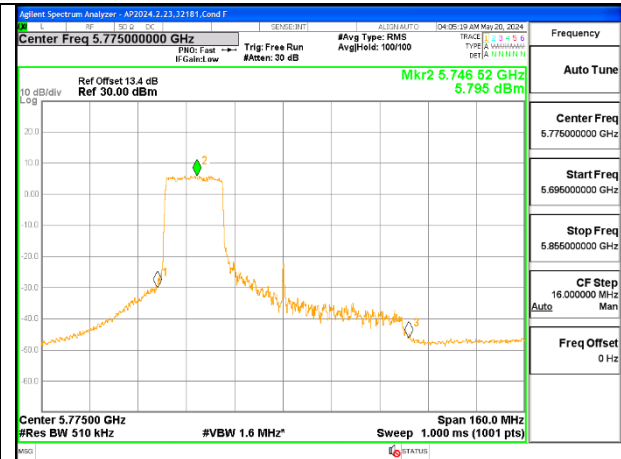
9.5.15. 802.11be SISO MODE IN THE UNII-3 BAND

UNII-3 (SISO)	20MHz		40MHz		80MHz			160MHz	
	SU	Partial RU 52T	SU	242T	SU	242T	52 + 26	SU	Partial RU
DCCF (MCS0) (dB)	0.00	0.00	0.10	0.00	0.00	0.00	0.00	N/A	
Ant 1 (dBi)	-0.40								
Ant 2 (dBi)	-3.30								

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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
					EHT20		5745	149	SU	--				20.31	20.37	20.31	20.37	
				52T	37				14.07	14.16	14.07	14.16			5.855	6.074	5.855	6.074
					38				14.11	14.14	14.11	14.14			5.938	6.022	5.938	6.022
					40				14.21	14.19	14.21	14.19			6.208	6.101	6.208	6.101
				SU	--				20.33	20.39	20.33	20.39			7.512	7.634	7.512	7.634
				52T	37	--	30	30	14.19	14.03	14.19	14.03	30	30	6.265	6.033	6.265	6.033
					38				14.12	14.15	14.12	14.15			6.120	6.154	6.120	6.154
					40				14.09	14.05	14.09	14.05			6.093	6.008	6.093	6.008
				SU	--				20.34	20.36	20.34	20.36			7.641	7.856	7.641	7.856
				52T	37				14.05	14.11	14.05	14.11			6.039	6.192	6.039	6.192
					38				14.14	14.19	14.14	14.19			6.293	6.543	6.293	6.543
					40				14.10	14.16	14.10	14.16			6.191	6.410	6.191	6.410
				SU	--				20.41	20.33	20.41	20.33			4.867	4.748	4.967	4.848
				242T	61	--	30	30	20.37	20.31	20.37	20.31	30	30	6.385	5.948	6.385	5.948
					62				20.39	20.27	20.39	20.27			6.395	5.907	6.395	5.907
				SU	--				20.31	20.39	20.31	20.39			4.775	4.802	4.875	4.902
				242T	61				20.38	20.35	20.38	20.35			6.336	6.121	6.336	6.121
					62				20.31	20.27	20.31	20.27			6.119	5.933	6.119	5.933
				SU	--				20.37	20.29	20.37	20.29			1.667	1.187	1.667	1.187
				242T	61	--	30	30	20.40	20.38	20.40	20.38	30	30	5.895	5.795	5.895	5.795
					62				20.31	20.43	20.31	20.43			5.641	5.939	5.641	5.939
					64				20.35	20.48	20.35	20.48			5.788	6.101	5.788	6.101
					71				9.65	9.71	9.65	9.71			-0.651	-0.335	-0.651	-0.335
				52 + 26	74				9.57	9.63	9.57	9.63			-0.908	-0.674	-0.908	-0.674
					80				9.61	9.67	9.61	9.67			-0.806	-0.593	-0.806	-0.593



80MHz - Mid Channel – SU (UNII-3) – Ant 5



80MHz - Mid Channel – 242T-RU61 (UNII-3) – Ant 5

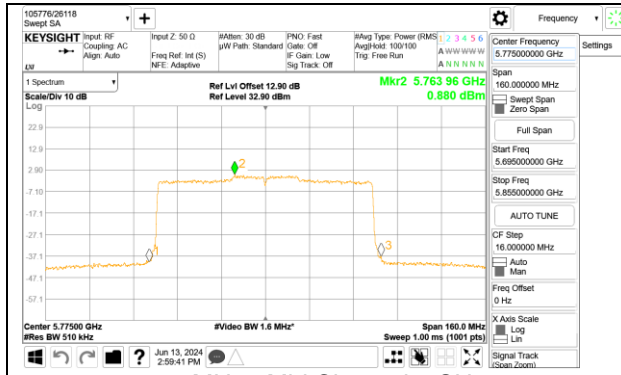


80MHz - Mid Channel – 52+26T-RU71 (UNII-3) – Ant 5

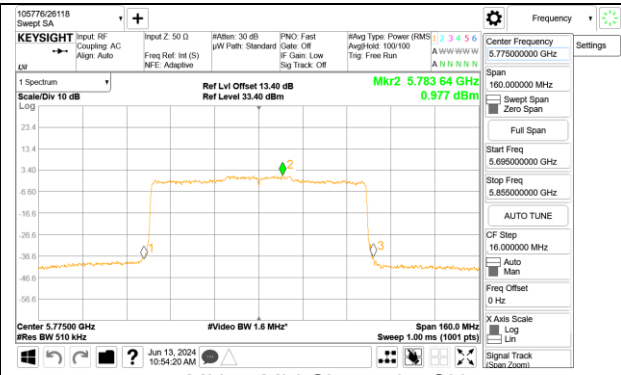
9.5.16. 802.11be MIMO CDD MODE IN THE UNII-3 BAND

UNII-3 (MIMO CDD)	20MHz		40MHz		80MHz			160MHz	
	SU	52T	SU	242T	SU	242T	52 + 26	SU	Partial RU
DCCF (MCS0) (dB)	0.00	0.00	0.10	0.00	0.00	0.00	0.00	N/A	
Un-Correlated Gain (dBi)	-1.61								
Correlated Gain (dBi)	1.28								

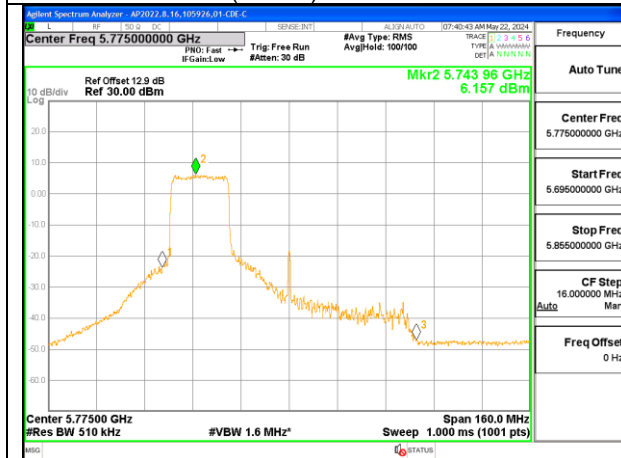
UNII-3 (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/500kHz)	PSD (dBm/500kHz)		Total MIMO Corrected PSD (dBm/500kHz)
							Ant 1	Ant 2			Ant 1	Ant 2	
EHT20	5745	149	SU	--	--	30	20.27	20.39	23.34	30	6.687	6.966	9.839
				37			14.03	14.18	17.12		5.956	6.355	9.170
			52T	38			14.07	14.15	17.12		6.073	6.310	9.203
				40			14.11	14.21	17.17		6.180	6.372	9.287
	5785	157	SU	--			20.25	20.38	23.33		6.669	6.838	9.765
				37			14.02	14.05	17.05		6.433	6.125	9.292
			52T	38			14.15	14.12	17.15		6.491	6.420	9.466
				40			14.09	14.19	17.15		6.256	6.570	9.426
	5825	165	SU	--			20.33	20.37	23.36		6.699	6.717	9.718
				37			14.01	14.15	17.09		6.267	6.628	9.462
			52T	38			14.08	14.18	17.14		6.341	6.672	9.520
				40			14.05	14.11	17.09		6.310	6.587	9.461
EHT40	5755	151	SU	--	--	30	20.36	20.40	23.39	30	5.447	5.553	8.611
				61			20.30	20.43	23.38		5.733	5.939	8.848
			242T	62			20.36	20.46	23.42		5.785	5.994	8.901
	5795	159	SU	--			20.49	20.41	23.46		5.639	5.565	8.712
				61			20.33	20.41	23.38		5.751	5.862	8.817
			242T	62			20.36	20.40	23.39		5.756	5.816	8.796
EHT80	5775	155	SU	--	--	30	19.82	19.87	22.86	30	0.880	0.977	3.939
				61			20.34	20.21	23.29		6.157	5.882	9.032
			242T	62			20.17	20.31	23.25		5.925	6.048	8.997
				64			20.25	20.39	23.33		6.021	6.175	9.109
			52 + 26	71			9.57	9.65	12.62		-0.352	-0.297	2.686
				74			9.50	9.61	12.57		-0.467	-0.320	2.617
				80			9.69	9.53	12.62		-0.286	-0.463	2.637



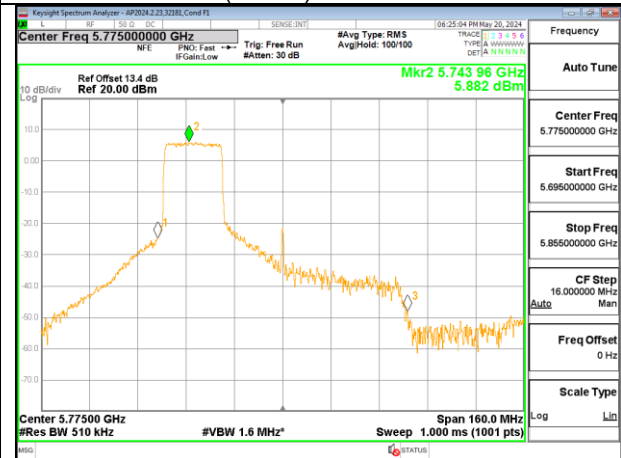
80MHz - Mid Channel – SU (UNII-3) – Ant 6



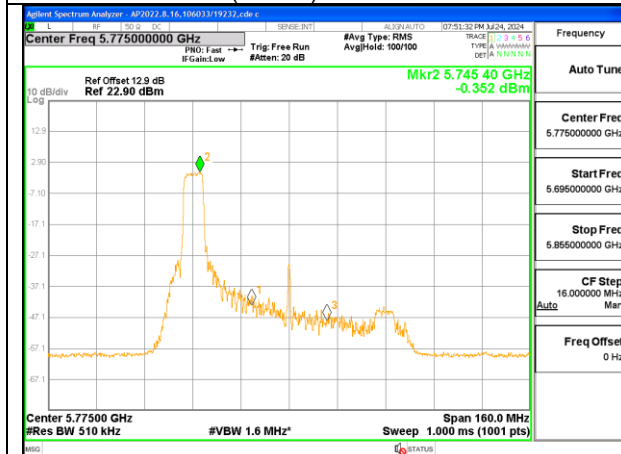
80MHz - Mid Channel – SU (UNII-3) – Ant 5



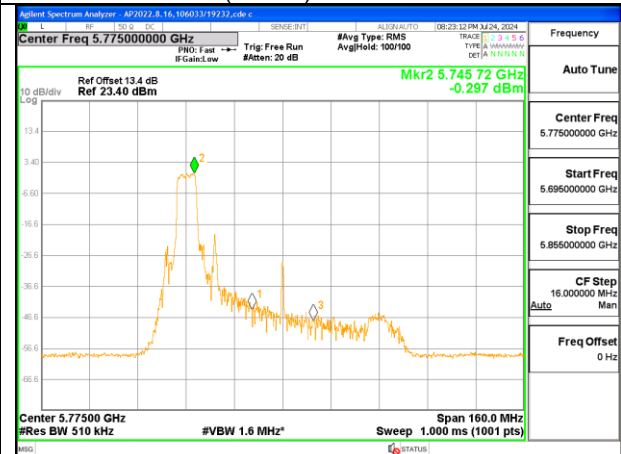
80MHz - Mid Channel – 242T-RU61 (UNII-3) – Ant 6



80MHz - Mid Channel – 242T-RU61 (UNII-3) – Ant 5



80MHz - Mid Channel – 52+26T-RU71 (UNII-3) – Ant 6



80MHz - Mid Channel – 52+26T-RU71 (UNII-3) – Ant 5

END OF TEST REPORT