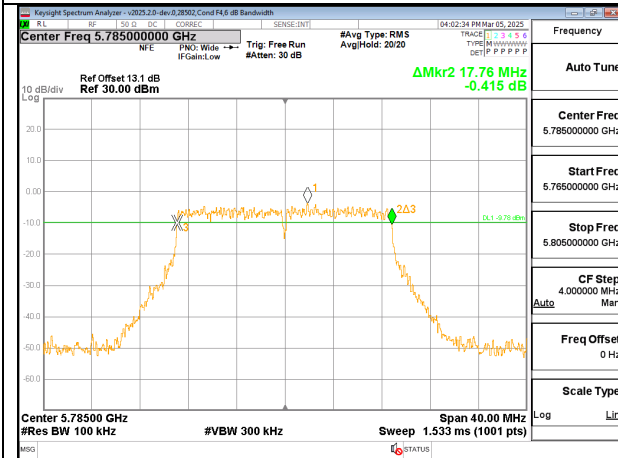
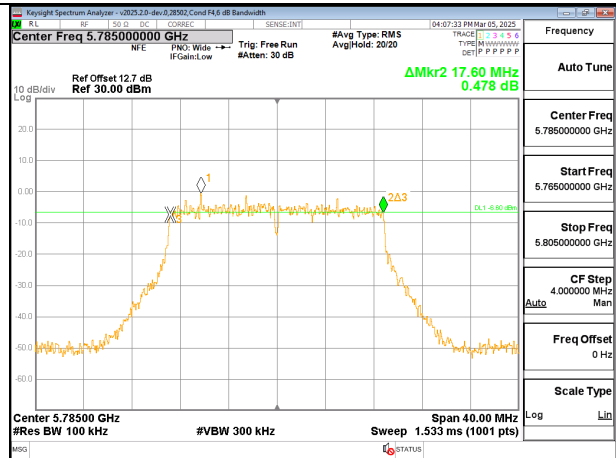
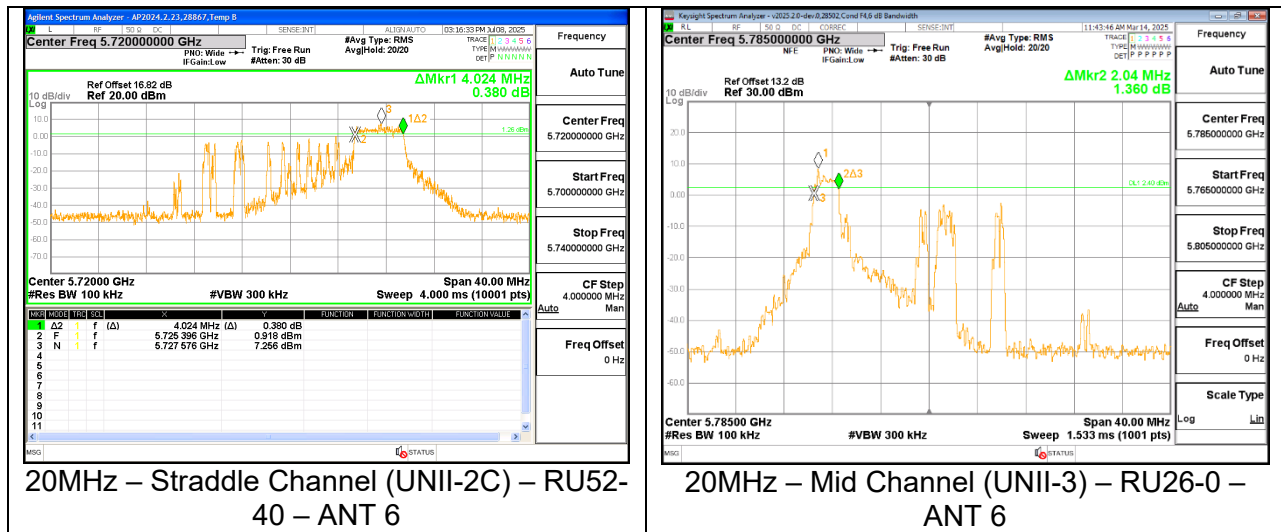


20MHz - STRADDLE CHANNEL (UNII-2C) -
ANT 6 - HT2020MHz - MID CHANNEL (UNII-3) - ANT 6 -
HT2020MHz - STRADDLE CHANNEL (UNII-2C) -
ANT 5 - HT2020MHz - MID CHANNEL (UNII-3) - ANT 5 -
HT20

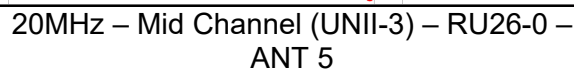
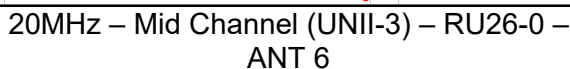
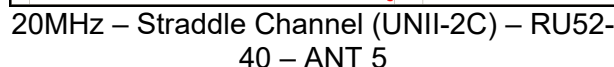
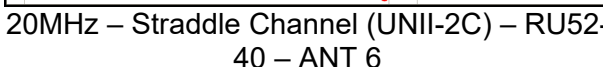
9.4.3. 802.11be SISO MODE IN THE 5.8 GHz BAND

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	4.02	4.40
	5745	149	SU	--	--	--
			26T	0	2.04	2.08
				4	2.64	2.68
				8	2.08	2.08
	5785	157	SU	--	--	--
			26T	0	2.04	2.08
				4	2.56	2.64
				8	2.12	2.12
	5825	165	SU	--	--	--
			26T	0	2.08	2.00
				4	2.68	2.72
				8	2.16	2.16
EHT40	5710 (Straddle)	142	SU	--	--	--
			52T			
				44	4.01	3.98
	5755	151	SU	--	--	--
			26T	0	2.24	2.16
				9	2.16	2.24
				17	2.16	2.16
	5795	159	SU	--	--	--
			26T	0	2.24	2.16
				9	2.24	2.08
				17	2.16	2.16
EHT80	5690 (Straddle)	138	SU	--	--	--
			52T			
				52	3.96	3.94
	5775	155	SU	--	--	--
			26T	0	2.24	2.40
				17	2.88	2.88
				36	2.24	2.24



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	4.41	4.43
	5745	149	SU	--	--	--
			26T	0	2.04	2.08
				4	2.64	2.64
				8	2.04	2.08
	5785	157	SU	--	--	--
			26T	0	2.08	2.00
				4	2.68	2.68
				8	2.04	2.04
	5825	165	SU	--	--	--
			26T	0	2.04	2.08
				4	2.64	2.60
				8	2.04	2.08
EHT40	5710 (Straddle)	142	SU	--	--	--
			52T			
				44	3.94	3.98
	5755	151	SU	--	--	--
			26T	0	2.16	2.16
				9	2.08	2.24
				17	2.16	2.16
	5795	159	SU	--	--	--
			26T	0	2.16	2.16
				9	2.16	2.16
				17	2.16	2.16
EHT80	5690 (Straddle)	138	SU	--	--	--
			52T			
				52	3.99	3.96
	5775	155	SU	--	--	--
			26T	0	2.40	2.40
				18	2.88	2.88
				36	2.24	2.40



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 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	-2.90	-7.80	-4.69	-2.00
5.3	-2.00	-6.40	-3.67	-0.91
5.6	0.80	-6.00	-1.39	1.06
5.8	2.00	-6.40	-0.42	1.79

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10 section 14.6.3

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

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

Sample Calculation at 5.2GHz Band:

ANT 6=-2.90, ANT 5=-7.80

Uncorrelated Antenna gain= $10 \log[(10^{(-2.90/10)} + 10^{(-7.80/10)})/2] = -4.69 \text{ dBi}$

Correlated Antenna gain= $10 \log[(10^{(-2.90/20)} + 10^{(-7.80/20)})^2/2] = -2.00 \text{ dBi}$

Output Power Calculation:**1Tx**

Total corr'd power = Ant6

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

ANT 6 Power = 18.46 dBm (Gated Power)

Total corr'd power = 18.46 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 SU):

Ant6 Power = 17.45 dBm, Ant5 Power = 17.40

Total corr'd power = $10 \cdot \text{LOG}(10^{(17.45/10)} + 10^{(17.40/10)}) = 20.44 \text{ dBm}$

PSD Calculation:**1Tx**

Total corr'd PSD = DCCF + Ant6

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

Ant6 PSD = 6.967 dBm/MHz

Total corr'd PSD = $0.13 + 6.967 = 7.097 \text{ dBm/MHz}$

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 SU):

Ant6 PSD = 6.865 dBm/MHz, Ant5 PSD = 6.489 dBm/MHz

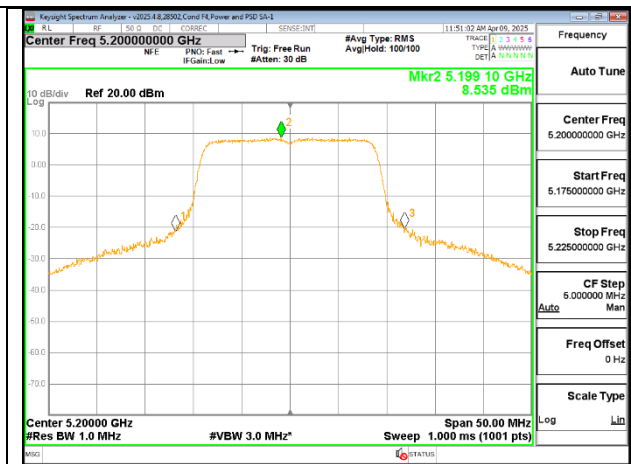
Total corr'd PSD = $(10 \cdot \text{LOG}(10^{((0.13 + (6.865))/10)} + 10^{((0.13 + (6.489))/10)}))$
= 9.821 dBm/MHz

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

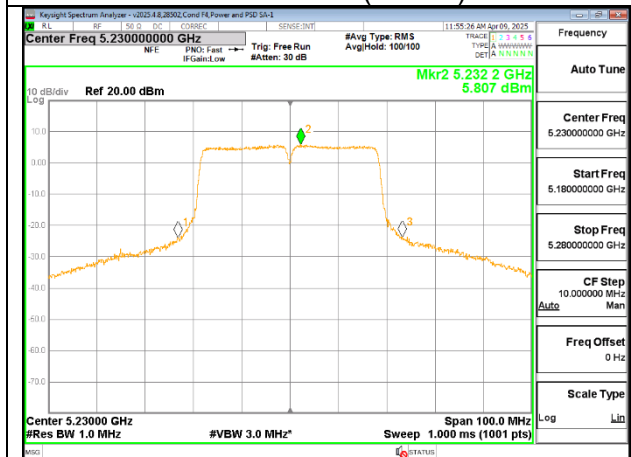
UNII-1 (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.11	0.22	0.24	0.41
Ant 6 (dBi)	-2.90			
Ant 5 (dBi)	-7.80			

UNII-2A (SISO)	
Straddle Channel	
Ant 6 (dBi)	-2.00
Ant 5 (dBi)	-6.40

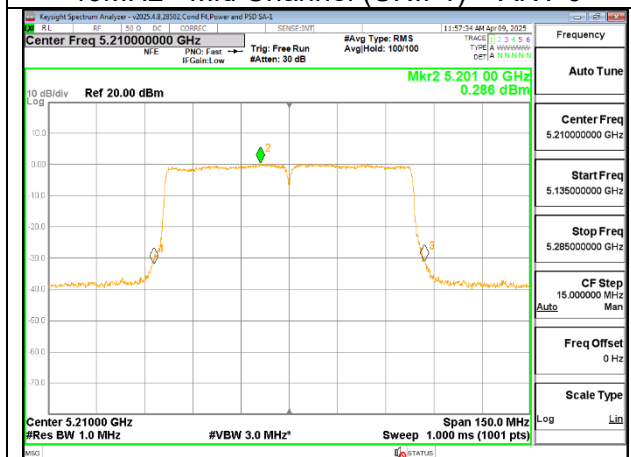
UNII-1 (SISO)	Freq (MHz)	Ch. #	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
HT20 (FCC)	5180	36	--	24	24	18.83	18.94	18.83	18.94	11	11	7.480	8.023	7.590	8.133	
	5200	40				19.98	20.33	19.98	20.33			8.535	9.888	8.645	9.998	
	5240	48				19.75	20.38	19.75	20.38			8.644	10.097	8.754	10.207	
HT40 (FCC)	5190	38	--	24	24	17.29	17.44	17.29	17.44	11	11	3.073	3.751	3.293	3.971	
	5230	46				19.81	20.42	19.81	20.42			5.807	7.087	6.027	7.307	
VHT80 (FCC)	5210	42	--	24	24	17.48	17.44	17.48	17.44	11	11	0.286	0.899	0.526	1.139	
VHT160 (FCC)	5250 (Straddle)	50	--	24	24	15.47	16.45	15.47	16.45	11	11	-3.585	-2.966	-3.175	-2.556	



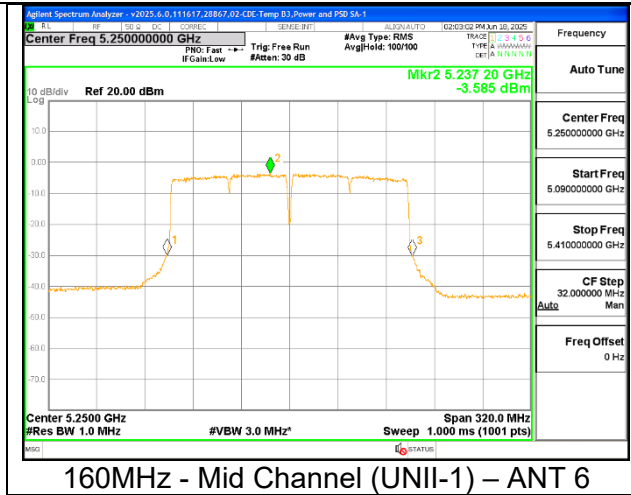
20MHz - Mid Channel (UNII-1) – ANT 6



40MHz - Mid Channel (UNII-1) – ANT 6



80MHz - Mid Channel (UNII-1) – ANT 6

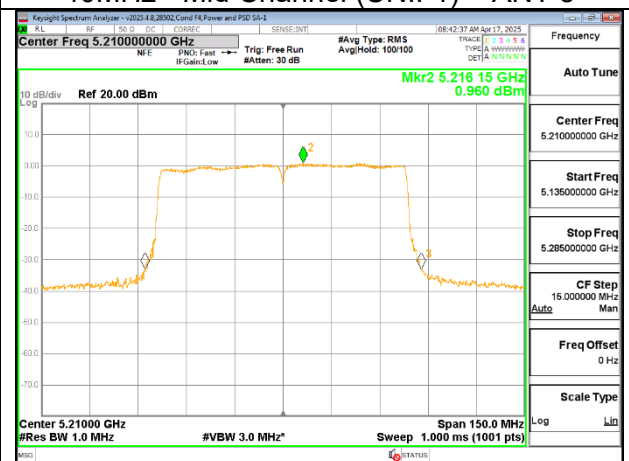
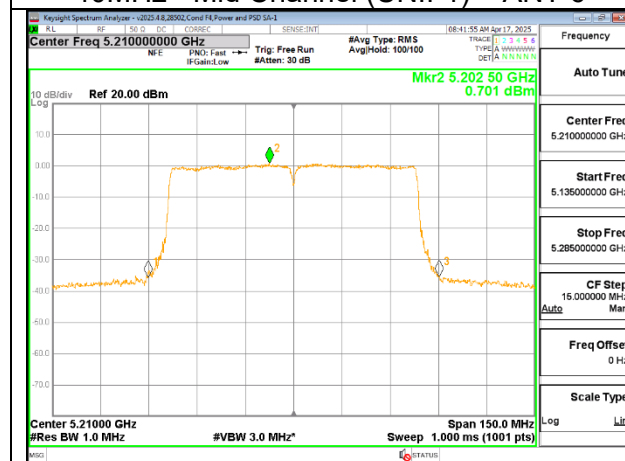
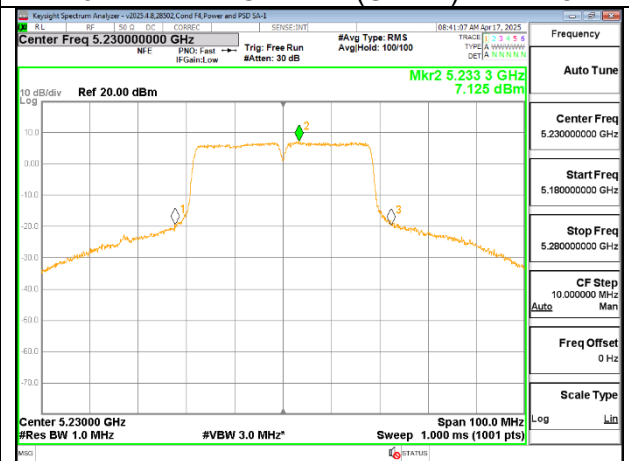
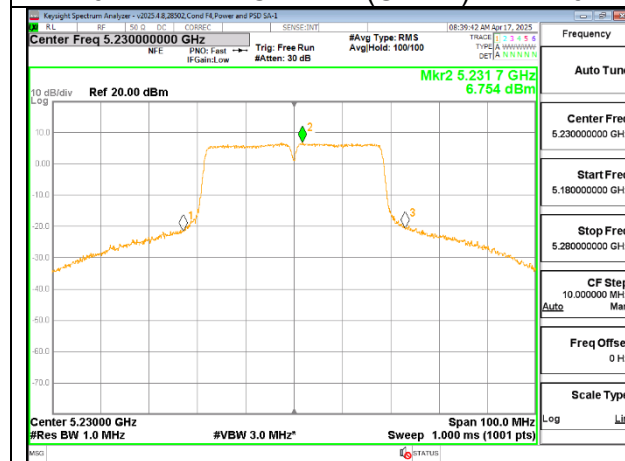
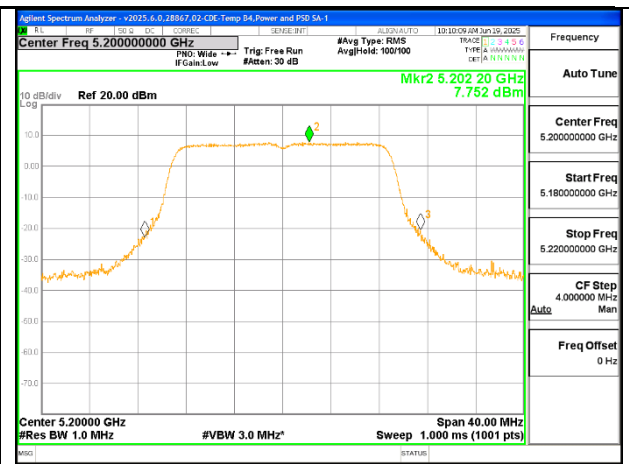
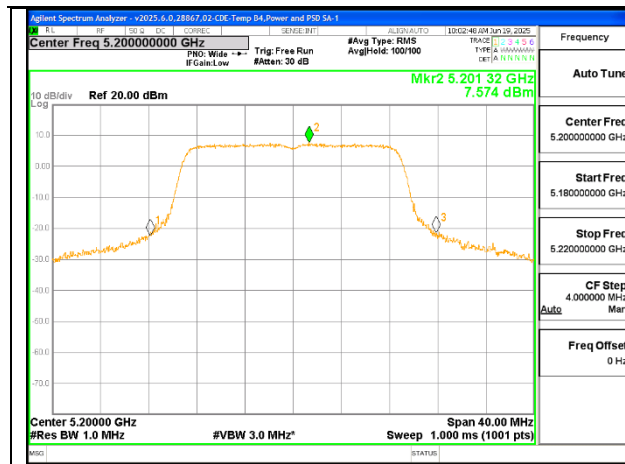


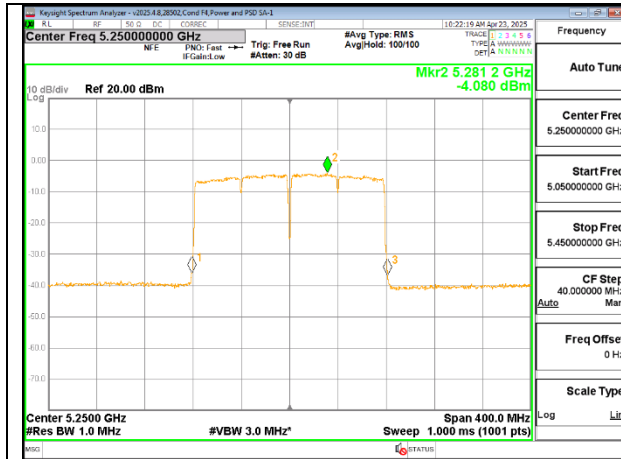
9.5.2. 802.11n/ac MIMO CDD MODE IN THE UNII-1 BAND

UNII-1 (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.11	0.22	0.24	0.41
Un-Correlated Gain (dBi)	-4.69			
Correlated Gain (dBi)	-2.00			

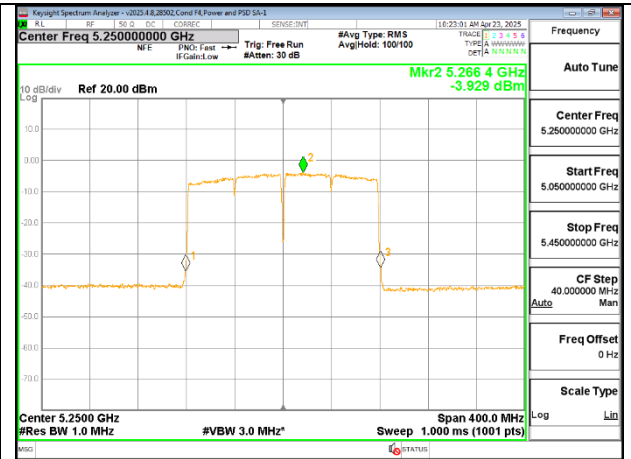
UNII-2A (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	-3.67
Correlated Gain (dBi)	-0.91

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 6	Ant 5			Ant 6	Ant 5	
HT20 (FCC)	5180	36	--	24	17.42	17.47	20.46	11	6.715	6.471	9.715
	5200	40			18.33	18.34	21.35		7.574	7.752	10.784
	5240	48			18.38	18.38	21.39		7.466	7.657	10.683
HT40 (FCC)	5190	38	--	24	15.96	15.99	18.99	11	2.419	2.968	5.932
	5230	46			19.92	19.97	22.96		6.754	7.125	10.174
VHT80 (FCC)	5210	42	--	24	16.47	16.46	19.48	11	0.701	0.960	4.083
VHT160 (FCC)	5250 (Straddle)	50	--	24	15.42	15.49	18.47	11	-4.080	-3.929	-0.584





160MHz - Mid Channel (UNII-1) – ANT 6



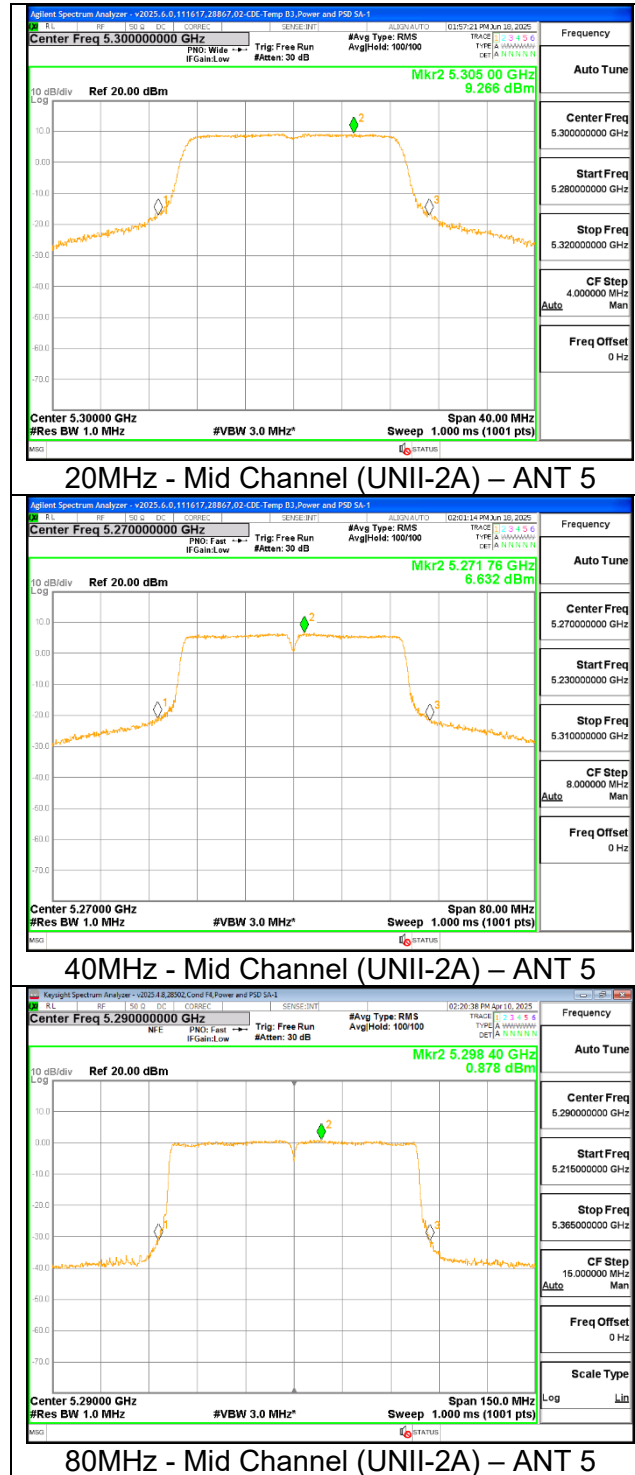
160MHz - Mid Channel (UNII-1) – ANT 5

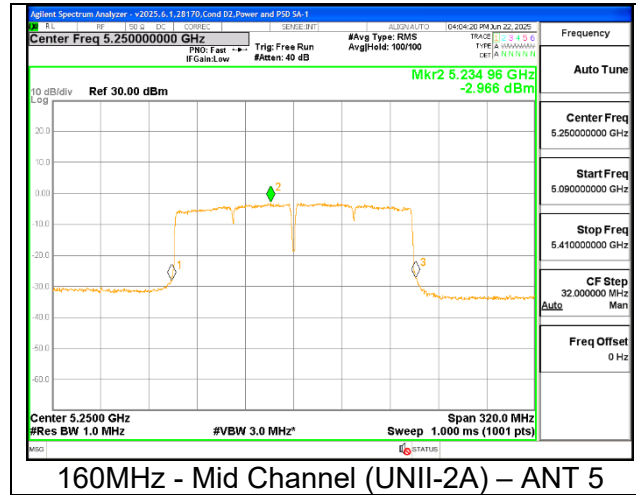
9.5.3. 802.11n/ac SISO MODE IN THE UNII-2A BAND

UNII-2A (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.11	0.22	0.24	0.41
Ant 6 (dBi)	-2.00			
Ant 5 (dBi)	-6.40			

UNII-1 (SISO)	
Straddle Channel	
Ant 6 (dBi)	-2.90
Ant 5 (dBi)	-7.80

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 (FCC)	5260	52	22.76	21.89	24.00	24.00	19.98	20.44	19.98	20.44	11.00	11.00	9.622	9.885	9.732	9.995
	5300	60	22.57	21.94	24.00	24.00	19.87	20.38	19.87	20.38			9.345	9.266	9.455	9.376
	5320	64	22.89	22.16	24.00	24.00	18.94	18.96	18.94	18.96			8.414	8.890	8.524	9.000
HT40 (FCC)	5270	54	43.72	43.17	24.00	24.00	19.98	20.47	19.98	20.47	11.00	11.00	6.687	6.632	6.907	6.852
	5310	62	44.94	42.86	24.00	24.00	16.96	16.93	16.96	16.93			3.188	4.052	3.408	4.272
VHT80 (FCC)	5290	58	99.61	85.25	24.00	24.00	16.96	16.98	16.96	16.98	11.00	11.00	0.121	0.878	0.361	1.118
VHT160 (FCC)	5250 (Straddle)	50	162.70	161.30	24.00	24.00	15.47	16.45	15.47	16.45	11.00	11.00	-3.585	-2.966	-3.175	-2.556



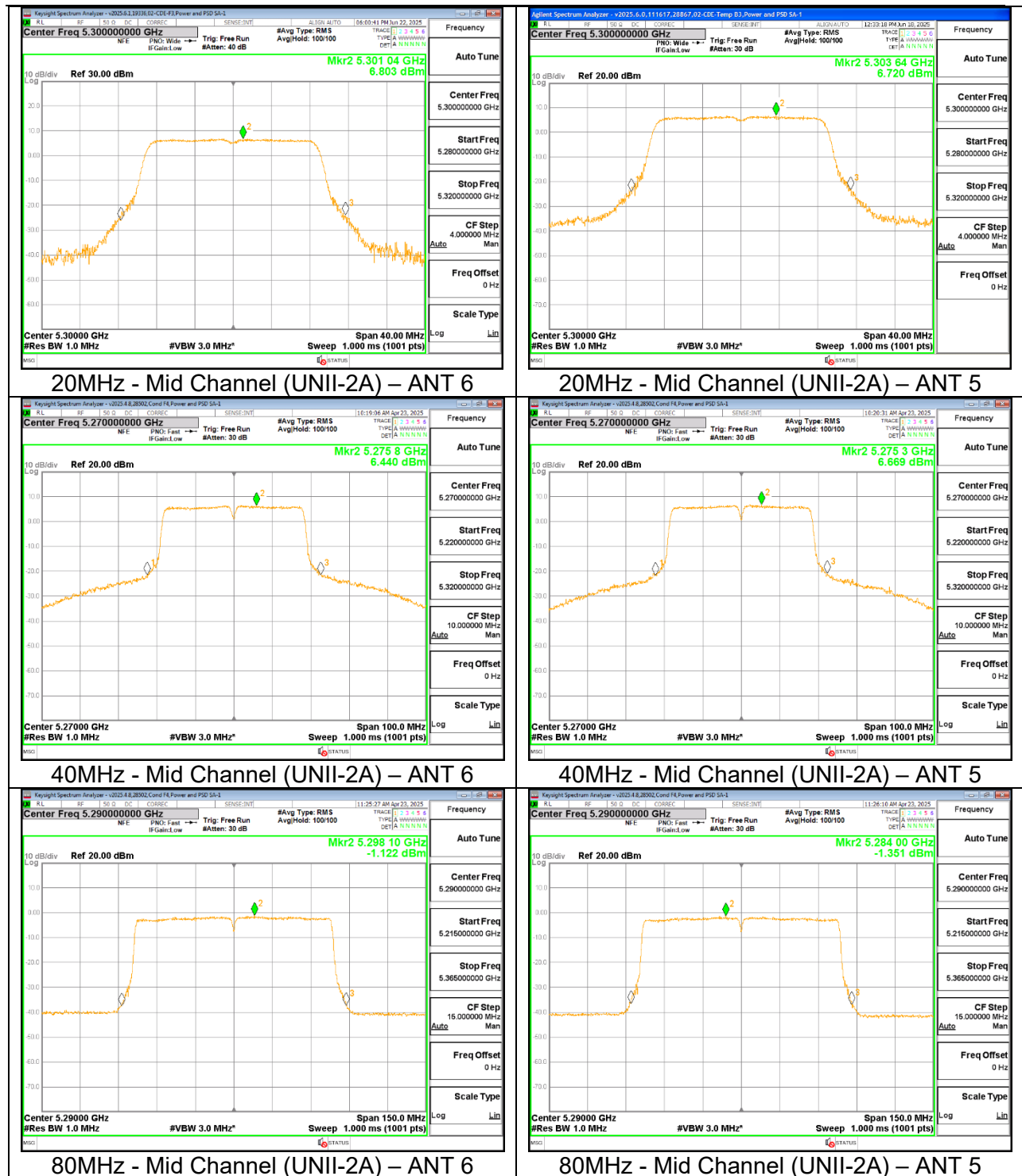


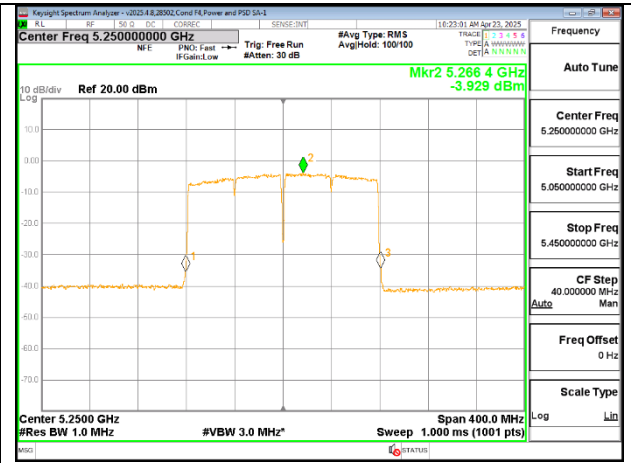
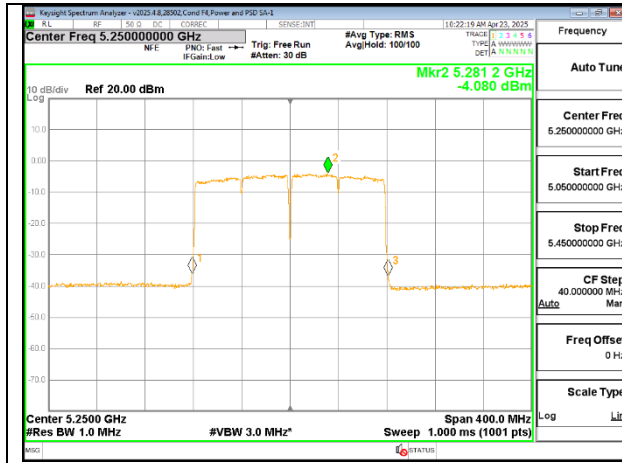
9.5.4. 802.11n/ac MIMO CDD MODE IN THE UNII-2A BAND

UNII-2A (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.11	0.22	0.24	0.41
Un-Correlated Gain (dBi)	-3.67			
Correlated Gain (dBi)	-0.91			

UNII-1 (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	-4.69
Correlated Gain (dBi)	-2.00

UNII-2a (MIMO SDM)	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)	5260	52	22.04	24.00	18.32	18.38	21.36	11.00	6.664	6.749	9.827
	5300	60	22.23	24.00	18.39	18.35	21.38		6.803	6.720	9.882
	5320	64	22.41	24.00	17.49	17.40	20.46		6.189	5.760	9.100
HT40 (FCC)	5270	54	42.67	24.00	19.94	19.96	22.96	11.00	6.440	6.669	9.786
	5310	62	43.52	24.00	15.45	15.44	18.46		1.265	1.198	4.462
VHT80 (FCC)	5290	58	82.39	24.00	15.49	15.47	18.49	11.00	-1.122	-1.351	2.015
VHT160 (FCC)	5250 (Straddle)	50	160.30	24.00	15.42	15.49	18.47	11.00	-4.080	-3.929	-0.584



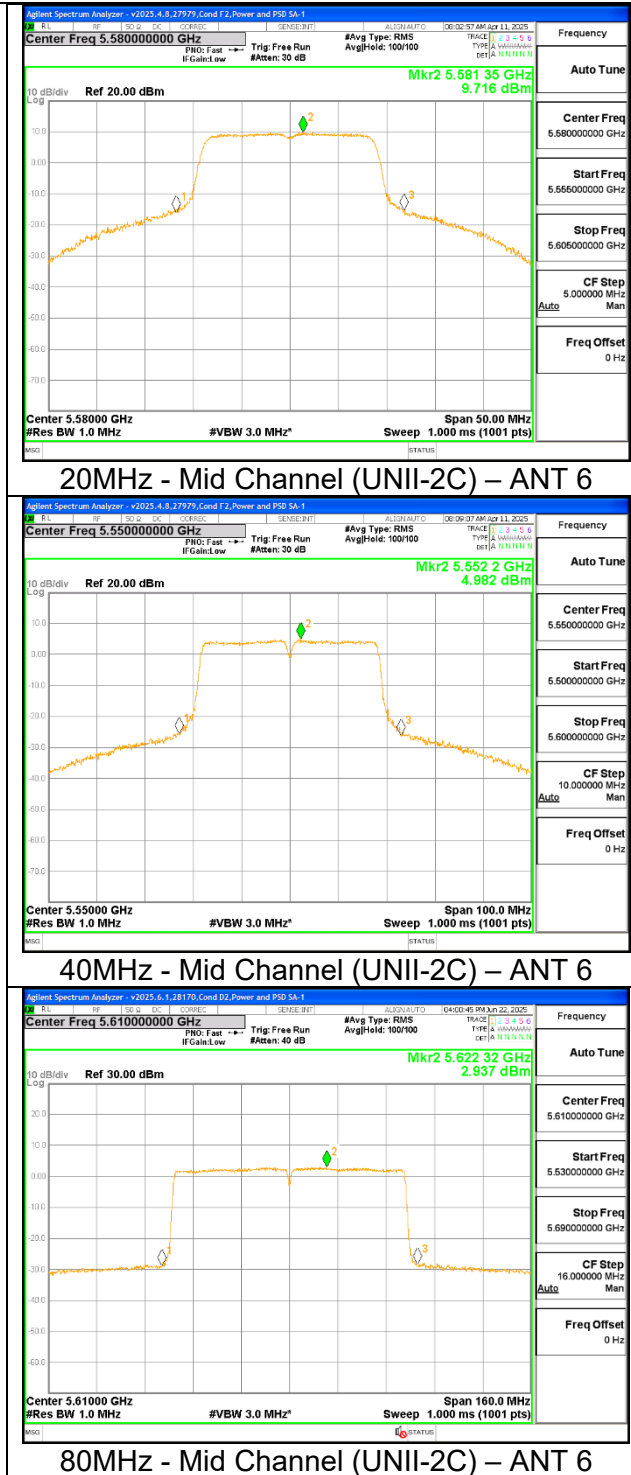


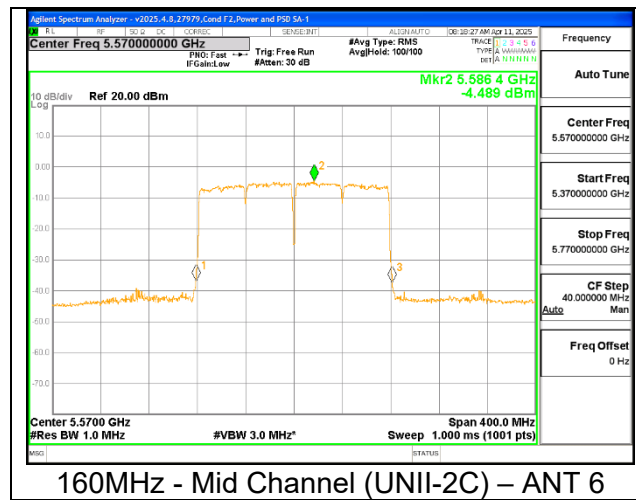
9.5.5. 802.11n/ac SISO MODE IN THE UNII-2C BAND

UNII-2C (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.11	0.22	0.24	0.41
Ant 6 (dBi)	0.80			
Ant 5 (dBi)	-6.00			

UNII-3 (SISO)	
Straddle Channel	
Ant 6 (dBi)	2.00
Ant 5 (dBi)	-6.40

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	22.89	22.11	24.00	24.00	18.77	18.74	18.77	18.74	11.00	11.00	7.537	7.232	7.647	7.342
	5580	116	22.36	21.87	24.00	24.00	19.82	20.47	19.82	20.47			9.716	9.518	9.826	9.628
	5700	140	22.39	21.83	24.00	24.00	18.87	18.85	18.87	18.85			9.083	9.290	9.193	9.400
	5720 (Straddle)	144	22.11	21.50	24.00	24.00	19.99	20.44	19.99	20.44			10.198	10.716	10.308	10.826
HT40 (FCC)	5510	102	44.48	42.78	24.00	24.00	16.99	16.89	16.99	16.89	11.00	11.00	1.732	1.755	1.952	1.975
	5550	110	44.33	42.53	24.00	24.00	19.94	20.39	19.94	20.39			4.982	6.097	5.202	6.317
	5670	134	44.10	42.82	24.00	24.00	19.41	19.48	19.41	19.48			4.069	4.157	4.289	4.377
	5710 (Straddle)	142	44.08	42.81	24.00	24.00	19.94	20.46	19.94	20.46			4.807	5.972	5.027	6.192
VHT80 (FCC)	5530	106	83.51	87.56	24.00	24.00	14.97	14.95	14.97	14.95	11.00	11.00	-2.796	-2.613	-2.556	-2.373
	5610	122	85.81	85.42	24.00	24.00	19.95	20.48	19.95	20.48			2.937	3.406	3.177	3.646
	5690 (Straddle)	138	85.33	85.60	24.00	24.00	19.90	20.49	19.90	20.49			3.530	4.095	3.770	4.335
VHT160 (FCC)	5570	114	163.00	163.00	24.00	24.00	16.35	16.45	16.35	16.45	11.00	11.00	-4.489	-5.043	-4.079	-4.633



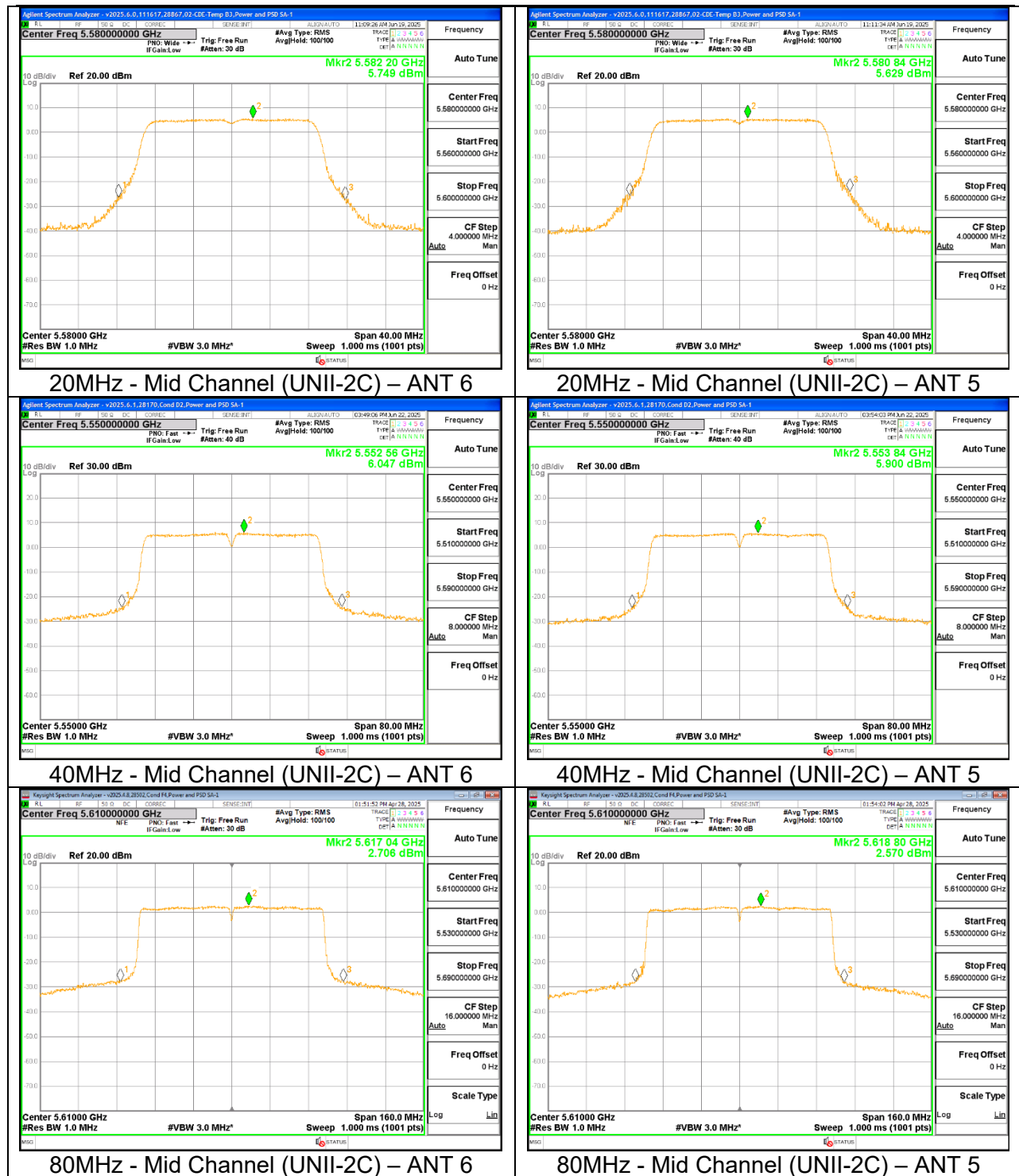


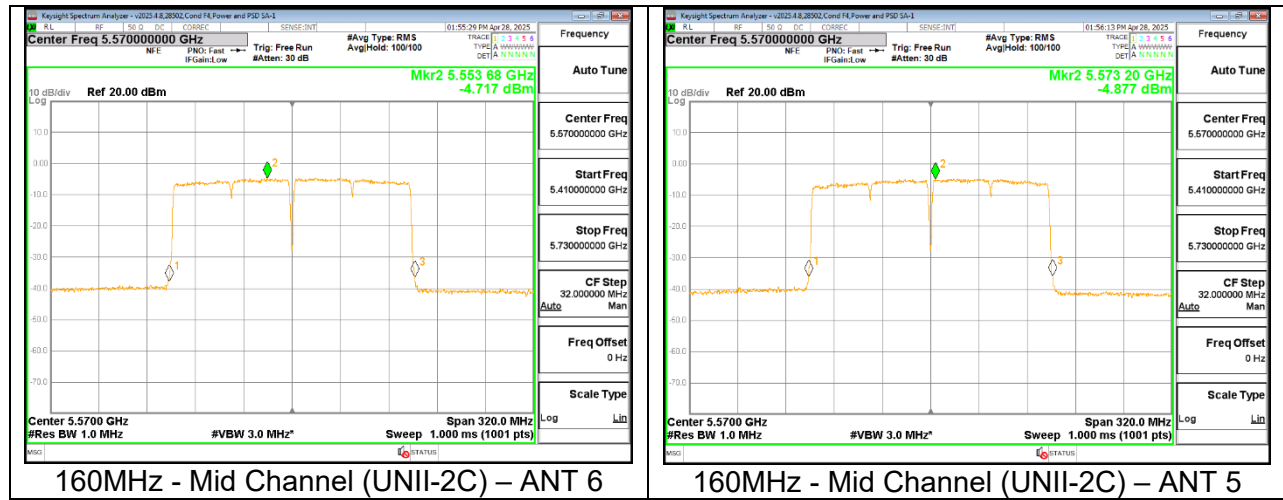
9.5.6. 802.11n/ac MIMO CDD MODE IN THE UNII-2C BAND

UNII-2C (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.11	0.22	0.24	0.41
Un-Correlated Gain (dBi)	-1.39			
Correlated Gain (dBi)	1.06			

UNII-3 (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	-0.42
Correlated Gain (dBi)	1.79

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	22.63	24.00	17.47	17.37	20.43	11.00	6.245	6.174	9.330
	5580	116	22.01	24.00	18.31	18.34	21.34		5.749	5.629	8.810
	5700	140	21.63	24.00	16.95	16.92	19.95		5.067	4.815	8.063
	5720 (Straddle)	144	22.14	24.00	18.27	18.24	21.27		6.511	6.554	9.653
HT40 (FCC)	5510	102	42.73	24.00	15.94	15.96	18.96	11.00	1.864	1.601	4.965
	5550	110	43.41	24.00	19.94	19.91	22.94		6.047	5.900	9.204
	5670	134	42.92	24.00	17.96	17.96	20.97		2.050	1.870	5.191
	5710 (Straddle)	142	42.60	24.00	19.85	19.96	22.92		6.569	6.714	9.872
VHT80 (FCC)	5530	106	83.46	24.00	14.47	14.42	17.46	11.00	-4.788	-4.694	-1.490
	5610	122	82.98	24.00	19.91	19.89	22.91		2.706	2.570	5.889
	5690 (Straddle)	138	83.04	24.00	19.95	19.99	22.98		2.692	2.572	5.883
VHT160 (FCC)	5570	114	162.50	24.00	15.48	15.32	18.41	11.00	-4.717	-4.877	-1.376

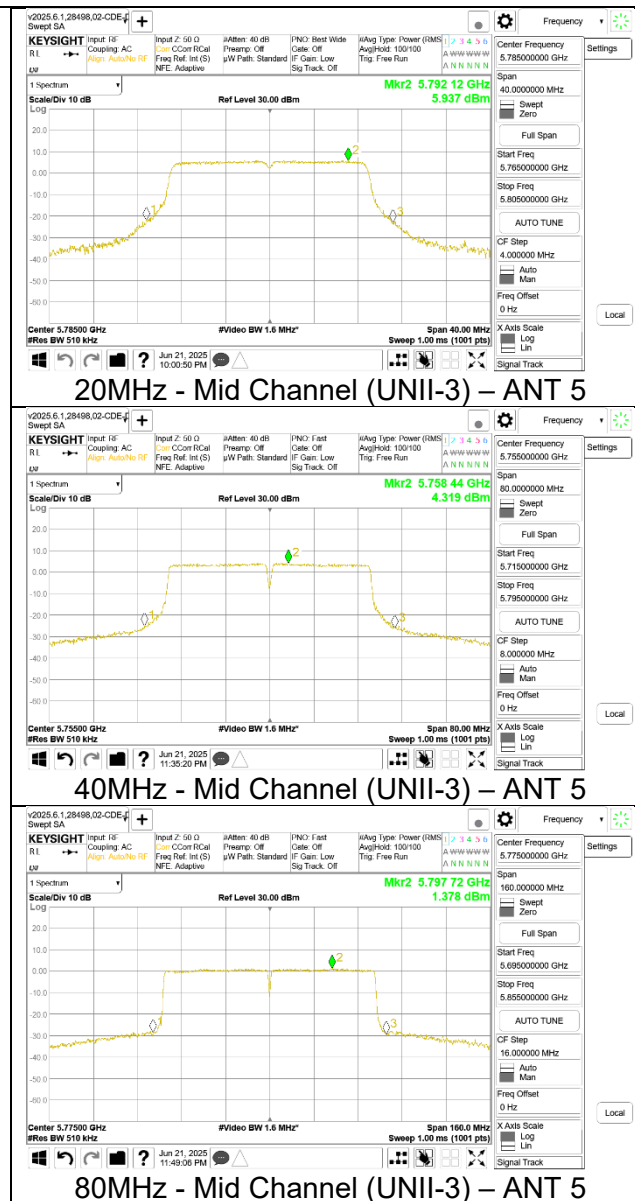




9.5.7. 802.11n/ac SISO MODE IN THE UNII-3 BAND

UNII-3 (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.11	0.22	0.24	N/A
Ant 6 (dBi)	2.00			
Ant 5 (dBi)	-6.40			

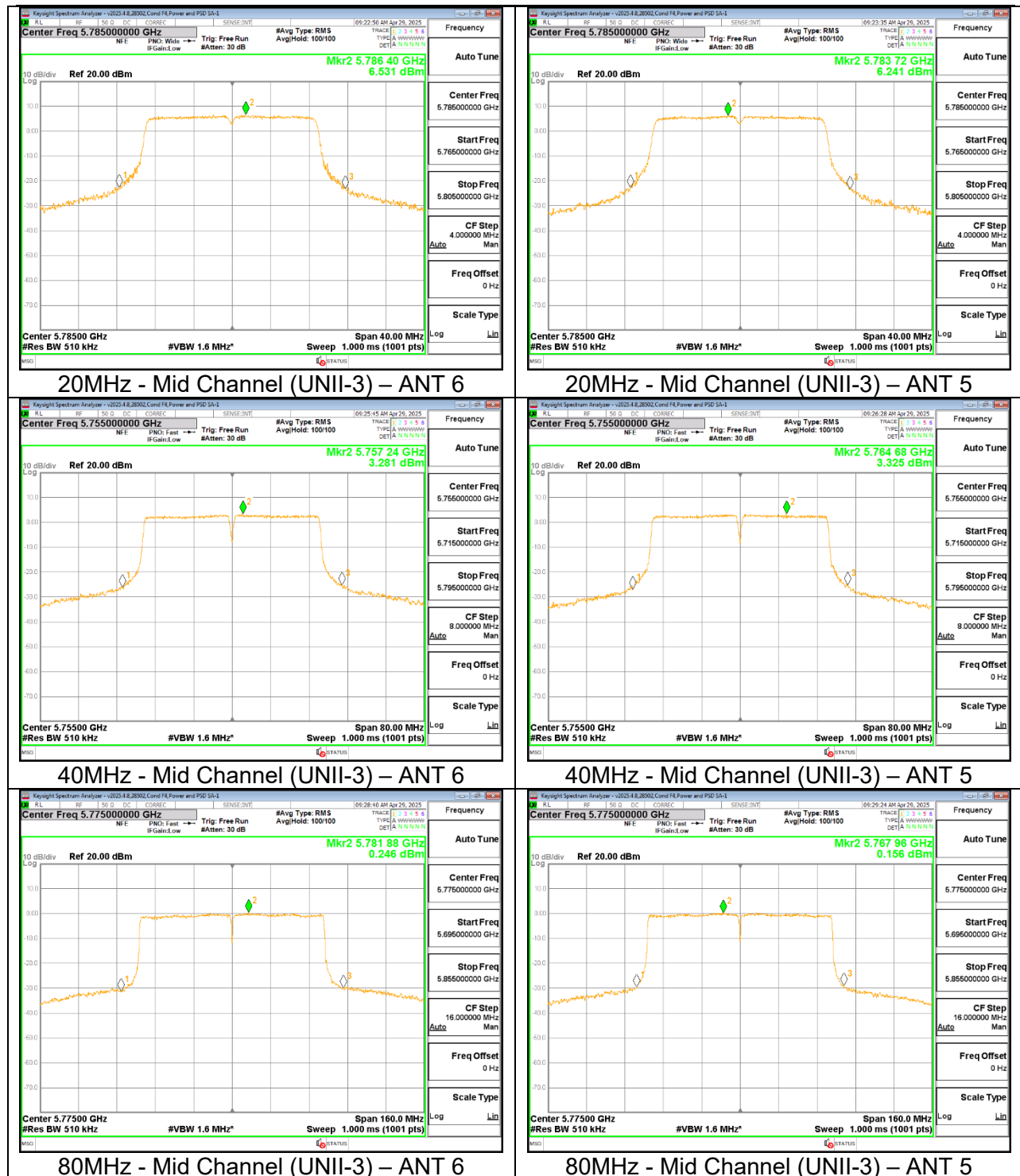
UNII-3 (SISO)	Freq (MHz)	Ch. #	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/500kHz)	
			Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
HT20	5745	149	--		30	30	19.92	20.41	19.92	20.41	30	30	5.444	5.913	5.554	6.023
	5785	157					19.89	20.45	19.89	20.45			5.737	5.937	5.847	6.047
	5825	165					19.90	20.49	19.90	20.49			5.789	6.346	5.899	6.456
HT40	5755	151	--		30	30	19.97	20.45	19.97	20.45	30	30	4.165	4.319	4.385	4.539
	5795	159					19.97	20.48	19.97	20.48			4.253	4.651	4.473	4.871
VHT80	5775	155	--		30	30	19.96	20.48	19.96	20.48	30	30	1.136	1.378	1.376	1.618



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)	0.11	0.22	0.24	N/A
Un-Correlated Gain (dBi)	-0.42			
Correlated Gain (dBi)	1.79			

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	19.85	19.89	22.88	30	6.052	6.156	9.225
	5785	157			19.96	19.93	22.96		6.531	6.241	9.509
	5825	165			19.98	19.94	22.97		6.808	6.330	9.696
HT40	5755	151	--	30	19.91	19.93	22.93	30	3.281	3.325	6.533
	5795	159			19.97	19.94	22.97		3.557	3.226	6.625
VHT80	5775	155	--	30	19.94	19.91	22.94	30	0.246	0.156	3.452

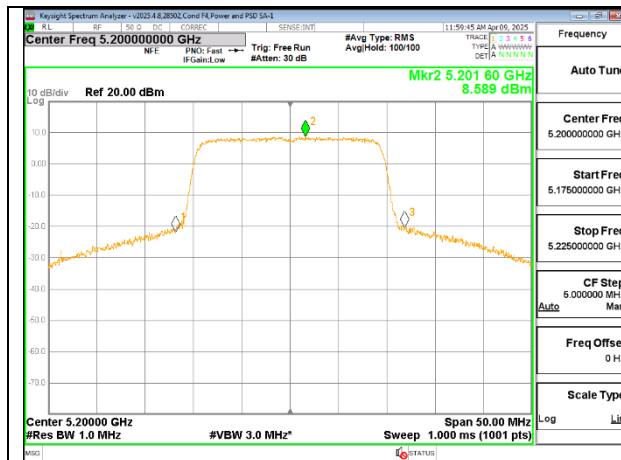


9.5.9. 802.11be SISO MODE IN THE UNII-1 BAND

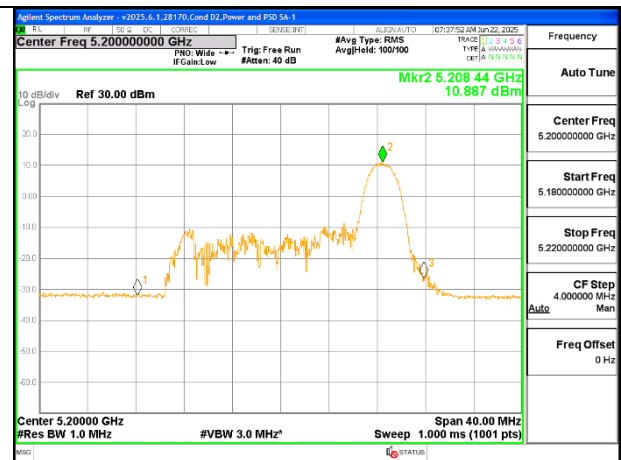
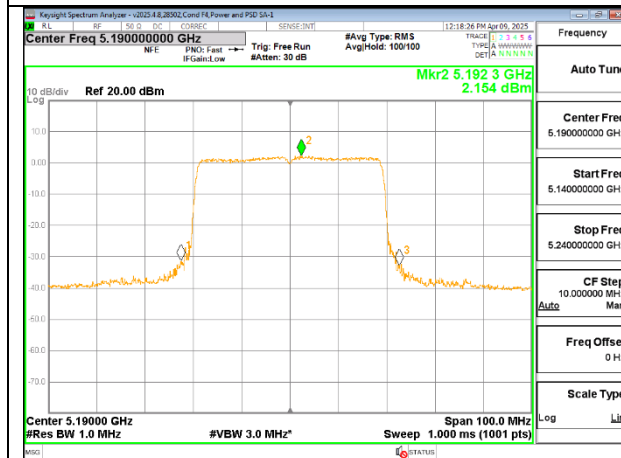
UNII-1 (SISO)	20MHz		40MHz			80MHz		160MHz	
	SU	26T	SU	26T	242T	SU	242T	SU	242T
DCCF (MCS0) (dB)	0.13	0.10	0.24	0.00	0.00	0.42	0.00	0.62	0.00
Ant 6 (dBi)	-2.90								
Ant 5 (dBi)	-7.80								

UNII-2A (SISO)	
Straddle Channel	
Ant 6 (dBi)	-2.00
Ant 5 (dBi)	-6.40

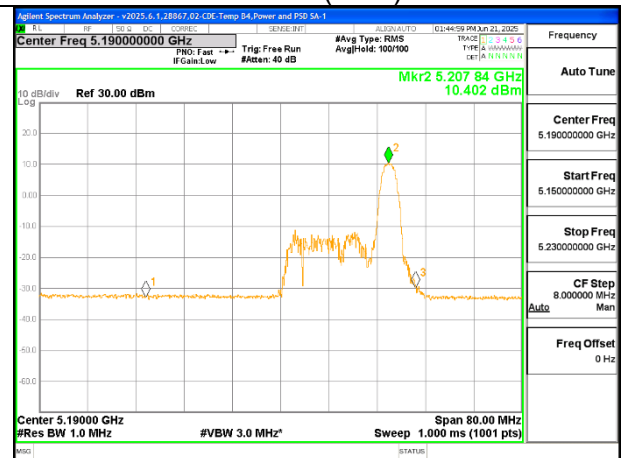
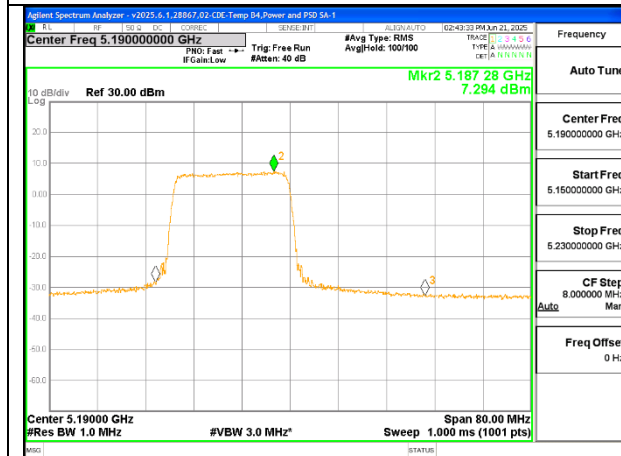
UNII-1 (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)					
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5		
EHT20 (FCC)	5180	36	SU	--	--	24.00	24.00	18.46	18.41	18.46	18.41	11.00	11.00	6.967	7.251	7.097	7.381					
				0				12.23	12.40	12.23	12.40			10.578	10.507	10.678	10.607					
				4				12.29	12.43	12.29	12.43			9.883	10.571	9.983	10.671					
		40	26T	8				12.29	12.46	12.29	12.46			10.844	10.545	10.944	10.645					
				SU				--	19.98	20.42	19.98			20.42	8.589	10.076	8.719	10.206				
				0				12.32	12.21	12.32	12.21			10.478	9.765	10.578	9.865					
	5200	26T	4	12.43				12.27	12.43	12.27	9.907			10.619	10.007	10.719						
			8	12.47				12.24	12.47	12.24	10.887			10.616	10.987	10.716						
			SU	--				19.99	20.34	19.99	20.34			8.418	10.046	8.548	10.176					
		48	26T	0				12.26	12.07	12.26	12.07			10.390	10.649	10.490	10.749					
				4				12.23	12.09	12.23	12.09			10.890	10.825	10.990	10.925					
				8				12.22	12.06	12.22	12.06			9.986	10.356	10.086	10.456					
EHT40 (FCC)	5190	38	SU	--				--	24.00	24.00	16.47	16.40	16.47	16.40	11.00	11.00	2.154	2.334	2.394	2.574		
				0							12.24	12.28	12.24	12.28			10.382	10.256	10.382	10.256		
				9							12.27	12.25	12.27	12.25			10.219	9.897	10.219	9.897		
		46	26T	17							12.28	12.18	12.28	12.18			10.402	10.149	10.402	10.149		
				61							17.98	17.92	17.98	17.92			7.294	7.234	7.294	7.234		
				242T							61											
	5230	26T	SU	--							19.92	20.43	19.92	20.43			5.811	6.731	6.051	6.971		
			0	12.15							12.08	12.15	12.08	10.418			10.156	10.418	10.156			
			9	12.14							12.01	12.14	12.01	10.346			9.858	10.346	9.858			
		242T	17	12.16							12.02	12.16	12.02	10.419			10.143	10.419	10.143			
			61	19.97							20.47	19.97	20.47	9.391			9.467	9.391	9.467			
			62	19.99							20.28	19.99	20.28	8.928			9.359	8.928	9.359			
EHT80 (FCC)	5210	42	SU	--							24.00	24.00	16.85	16.98	16.85	16.98	11.00	11.00	-0.237	0.478	0.183	0.898
			242T	61									17.96	17.77	17.96	17.77			6.129	6.455	6.129	6.455
EHT160 (FCC)	5250 (Straddle)	50	SU	--	24.00		24.00				15.95	15.94	15.95	15.94	11.00	11.00	-3.342	-2.632	-2.722	-2.012		
			242T	61							17.96	17.87	17.96	17.87			6.958	6.988	6.958	6.988		

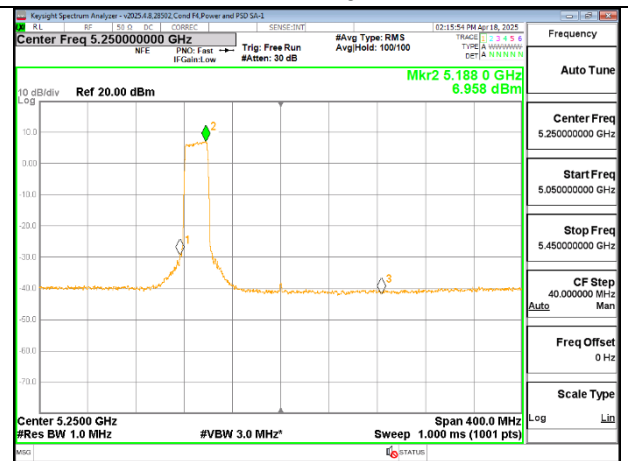
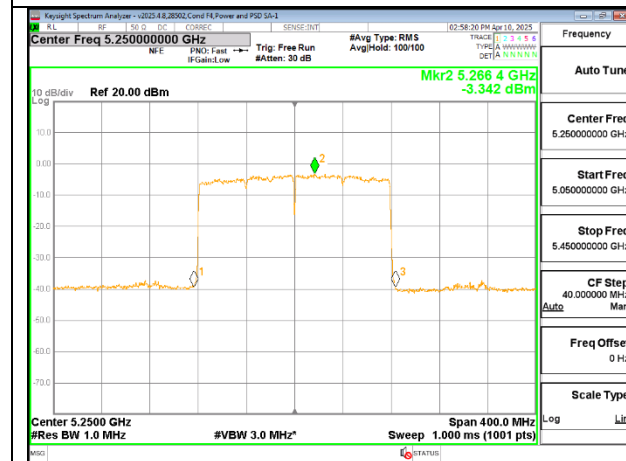
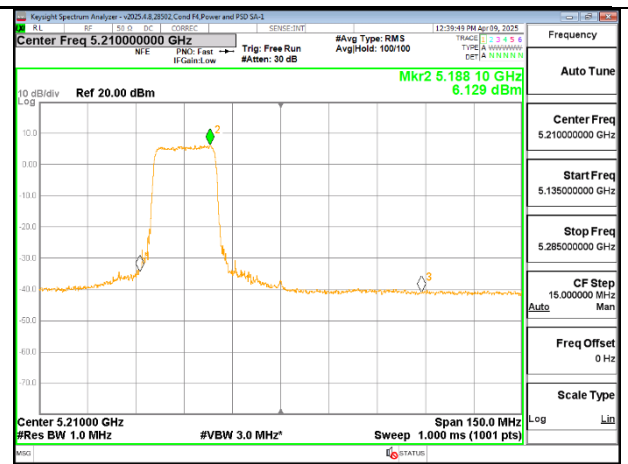
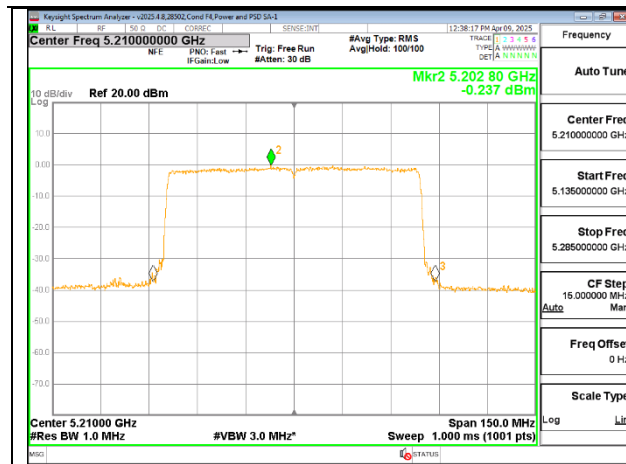


20MHz - Mid Channel – SU (UNII-1) – ANT 6

20MHz - Mid Channel – 26T RU8 (UNII-1) –
ANT 6 (FCC)

40MHz - Mid Channel – SU (UNII-1) – ANT 6

40MHz - Mid Channel – 26T RU17 (UNII-1) –
ANT 640MHz - Mid Channel – 242T RU61 (UNII-1) –
ANT 6

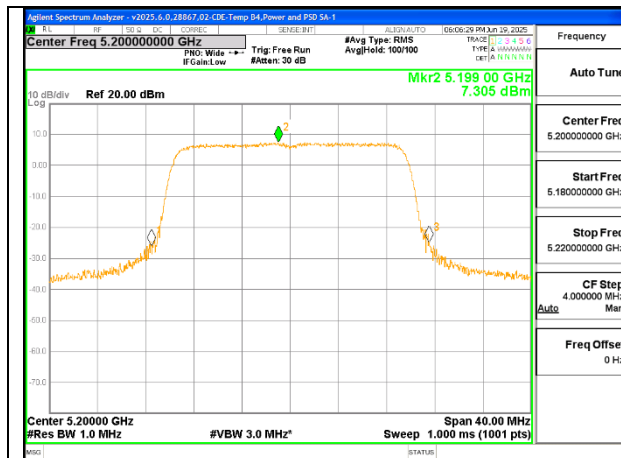


9.5.10. 802.11be MIMO CDD MODE IN THE UNII-1 BAND

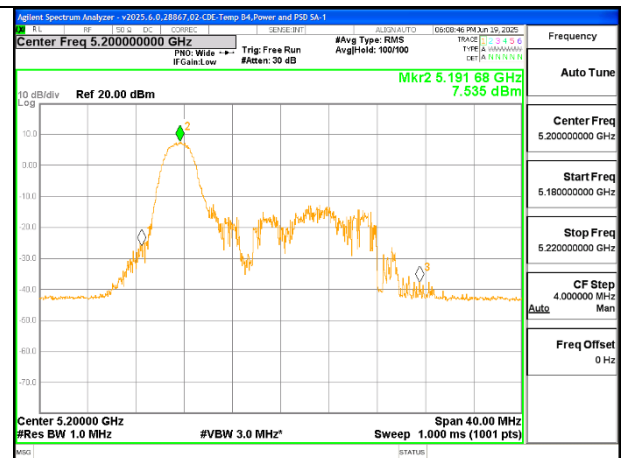
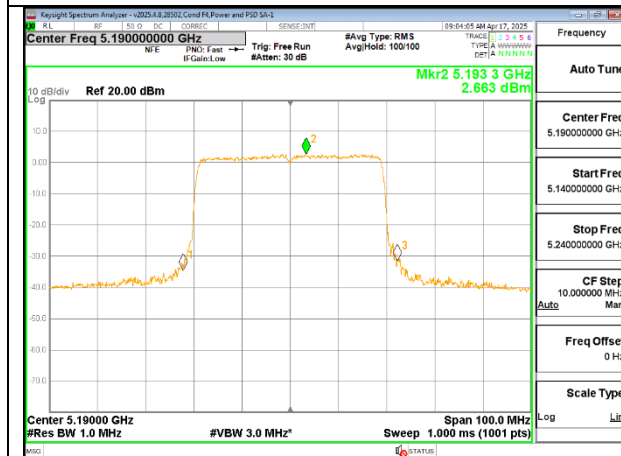
UNII-1 (MIMO CDD)	20MHz		40MHz			80MHz		160MHz	
	SU	26T	SU	26T	242T	SU	242T	SU	242T
DCCF (MCS0) (dB)	0.13	0.10	0.24	0.00	0.00	0.42	0.00	0.62	0.00
Un-Correlated Gain (dBi)	-4.69								
Correlated Gain (dBi)	-2.00								

UNII-2A (MIMO CDD)	
Straddle Channel	
Un-Corr. Gain (dBi)	-3.67
Corr. Gain (dBi)	-0.91

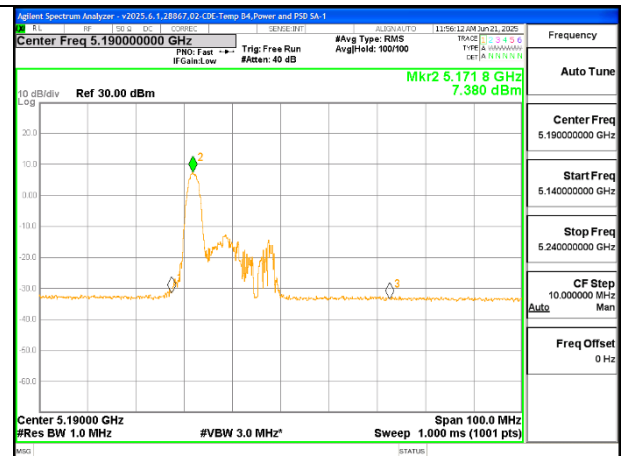
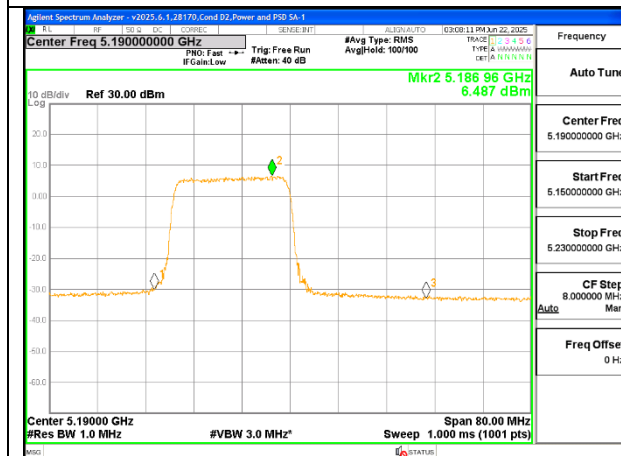
UNII-2a (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 6	Ant 5			Ant 6	Ant 5	
EHT20 (FCC)	5180	36	SU	--	--	24	17.45	17.40	20.44	11	6.865	6.489	9.821
				0			9.25	9.23	12.25		7.707	7.927	10.929
			26T	4			9.27	9.25	12.27		7.575	7.468	10.632
				8			9.28	9.29	12.30		7.810	7.836	10.933
	5200	40	SU	--			18.42	18.45	21.45		7.907	7.305	10.757
				0			9.26	9.28	12.28		7.469	7.535	10.612
				4			9.20	9.22	12.22		7.564	7.576	10.680
			26T	8			9.27	9.25	12.27		7.920	7.717	10.930
	5240	48	SU	--			18.43	18.46	21.46		7.819	7.581	10.842
				0			9.02	9.06	12.05		7.733	7.485	10.721
				4			9.02	9.05	12.05		7.736	7.833	10.895
			26T	8			9.03	9.02	12.04		7.286	7.204	10.355
EHT40 (FCC)	5190	38	SU	--	--	24	15.90	15.94	18.93	11	2.566	2.663	5.865
				0			9.27	9.27	12.28		7.561	7.380	10.482
			26T	9			9.23	9.28	12.27		7.413	7.294	10.364
				17			9.25	9.25	12.26		7.506	7.079	10.308
	5230	46	242T	61			16.97	16.98	19.99		6.233	6.487	9.372
			SU	--			19.98	19.90	22.95		6.829	6.708	10.019
				0			9.02	9.04	12.04		7.321	7.069	10.207
			26T	4			9.05	9.06	12.07		7.046	7.246	10.157
				8			9.03	9.02	12.04		7.208	7.305	10.267
				61			18.41	18.42	21.43		6.487	7.383	9.968
			242T	62			18.44	18.49	21.48		5.935	7.307	9.685
EHT80 (FCC)	5210	42	SU	--	--	24	15.89	15.95	18.93	11	-0.496	-0.199	3.085
			242T	61			16.97	16.97	19.98		6.282	5.859	9.086
EHT160 (FCC)	5250 (Straddle)	50	SU	--	--	24	15.40	15.40	18.41	11	-3.634	-3.183	0.228
			242T	61			16.91	16.85	19.89		6.507	6.188	9.361



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

20MHz - Mid Channel – 26T RU0 (UNII-1) –
ANT 5

40MHz - Mid Channel – SU (UNII-1) – ANT 5

40MHz - Mid Channel – 26T RU0 (UNII-1) –
ANT 540MHz - Mid Channel – 242T RU61 (UNII-1) –
ANT 5