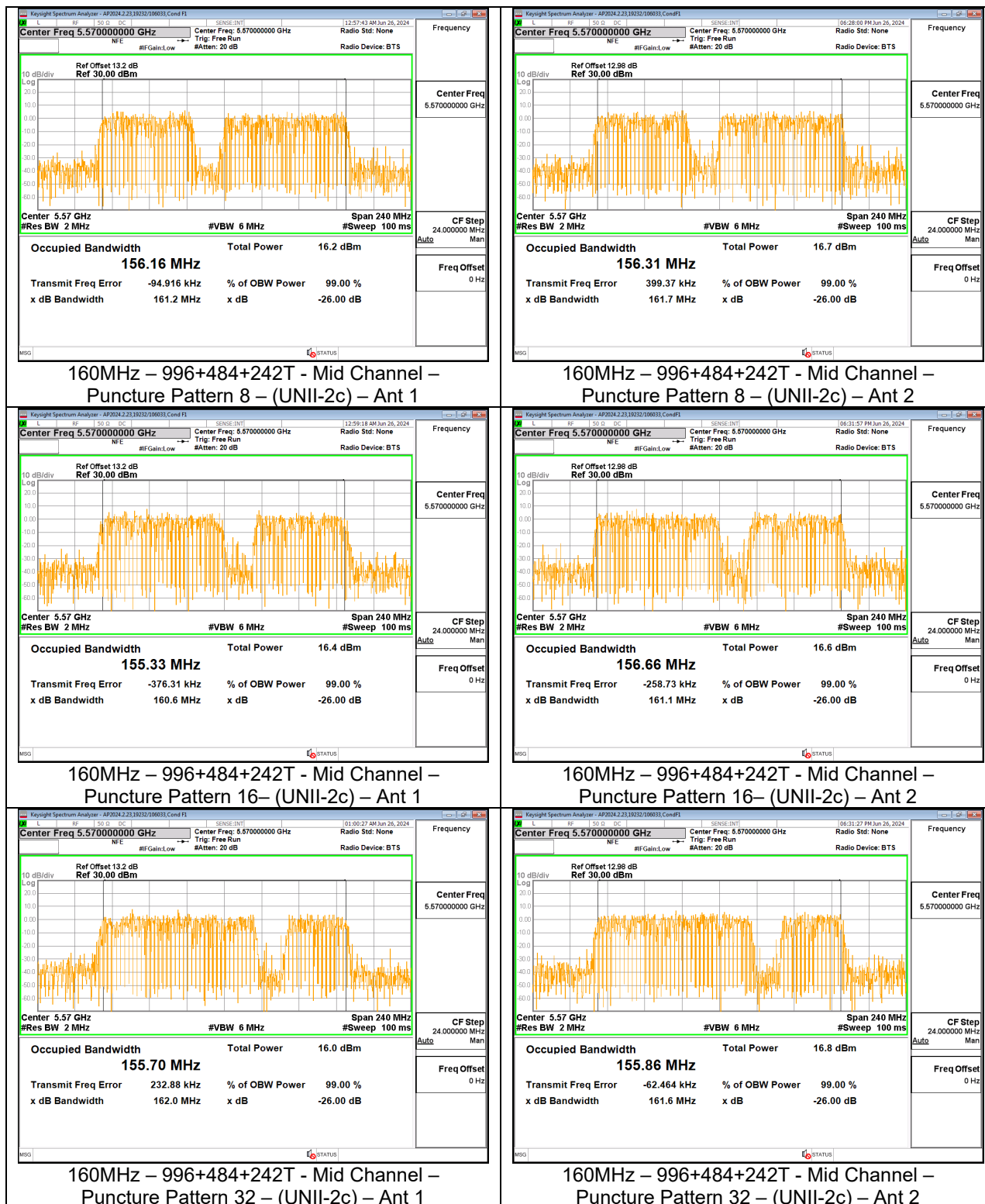
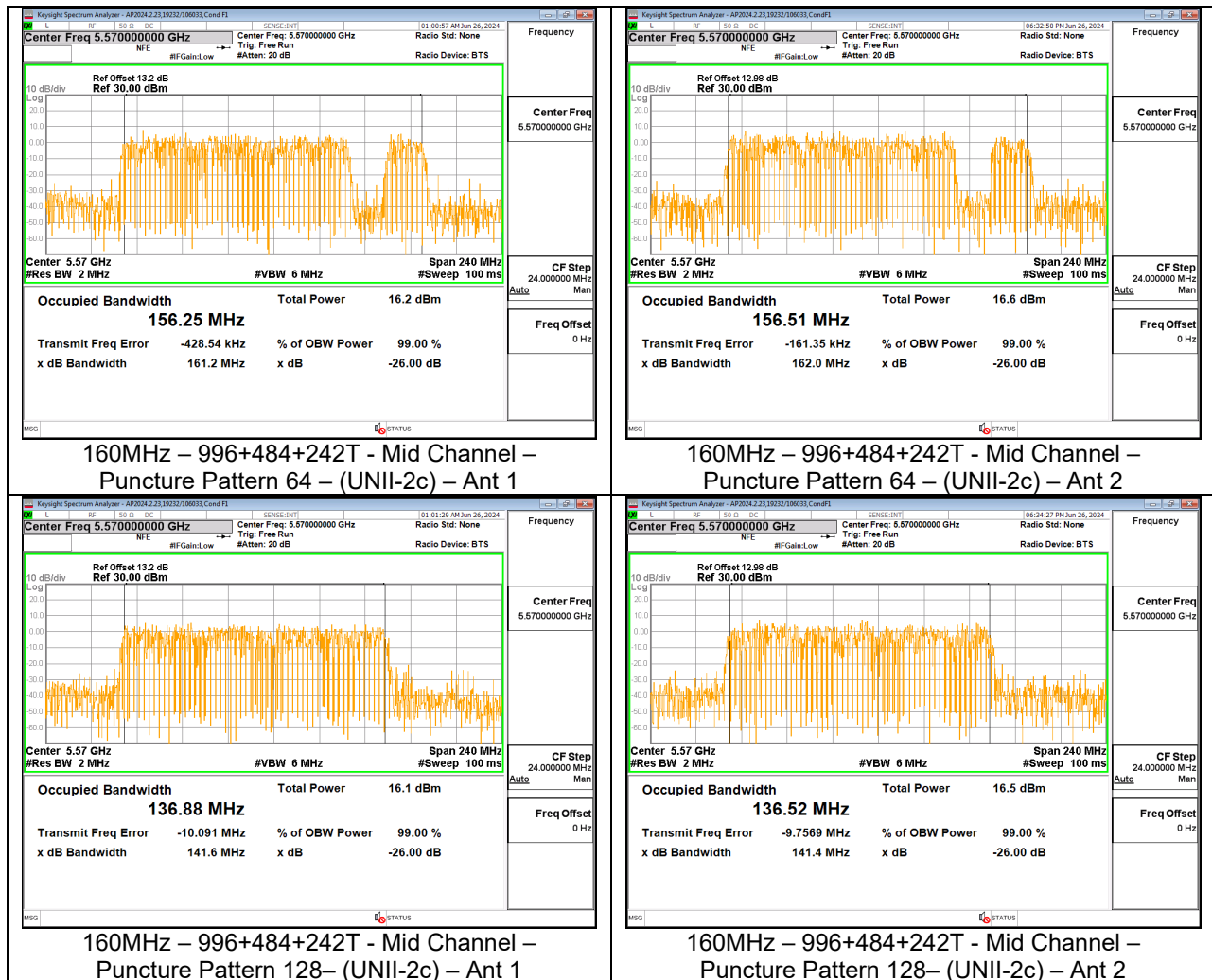






9.4. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

RSS-247 6.2.4.1

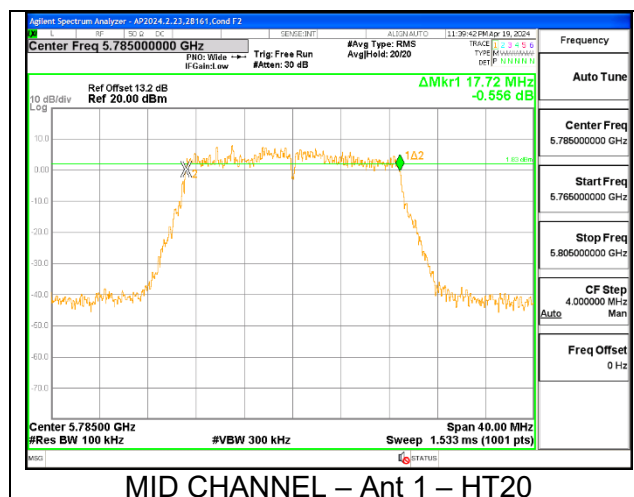
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

For 6dB bandwidth measurements, the 802.11be HT20 was tested at 26T as a worst-case scenario. For straddle channels, 52T was tested as worst-case as 26T is not supported.

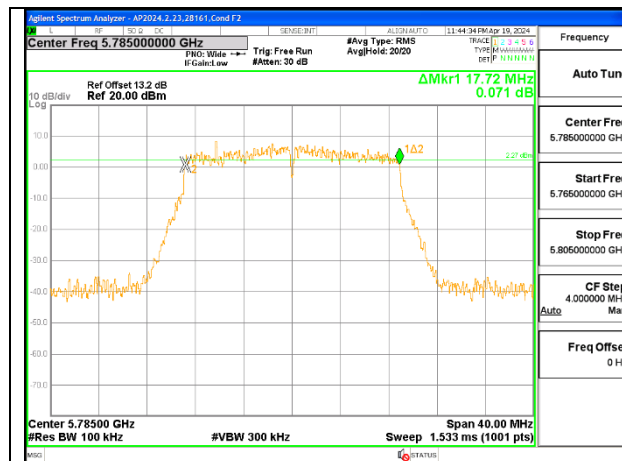
9.4.1. 802.11n/ac SISO MODE IN THE 5.8 GHz BAND

UNII-3 (SISO)	Frequency (MHz)	Channel Number	6 dB BW (MHz)	
			Ant 1	Ant 2
HT20	5720 (Straddle)	144	3.800	3.880
	5745	149	17.680	17.720
	5785	157	17.720	17.680
	5825	165	17.680	17.760
HT40	5710 (Straddle)	142	3.160	3.240
	5755	151	36.560	36.080
	5795	159	36.560	36.080
VHT80	5690 (Straddle)	138	3.080	3.240
	5775	155	75.840	75.680

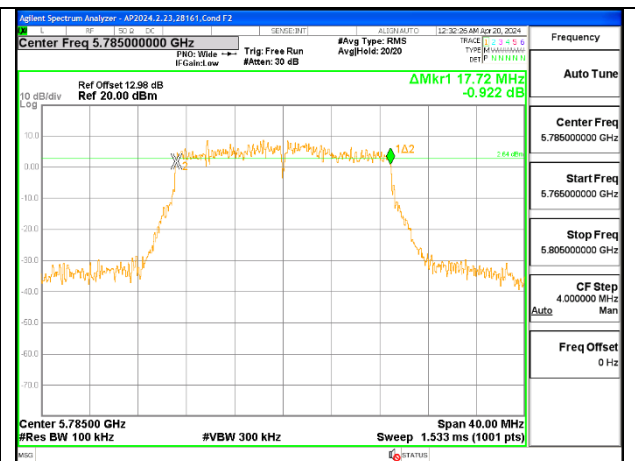


9.4.2. 802.11n/ac MIMO CDD MODE IN THE 5.8 GHz BAND

UNII-3 (MIMO CDD)	Frequency (MHz)	Channel Number	6 dB BW (MHz)	
			Ant 1	Ant 2
HT20	5720 (Straddle)	144	3.840	3.840
	5745	149	17.720	17.680
	5785	157	17.720	17.720
	5825	165	17.760	17.680
HT40	5710 (Straddle)	142	3.240	3.160
	5755	151	36.240	35.920
	5795	159	36.480	36.480
VHT80	5690 (Straddle)	138	3.080	3.080
	5775	155	74.880	75.520



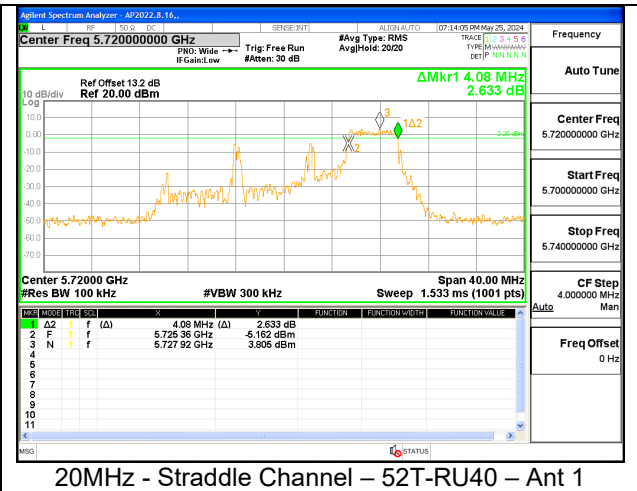
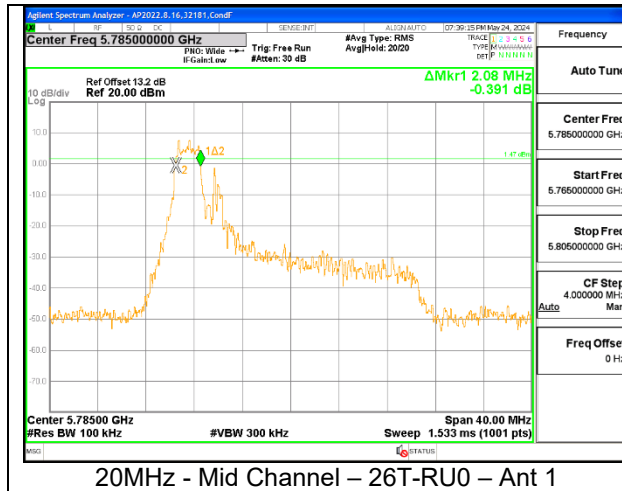
MID CHANNEL – Ant 1 – HT20



MID CHANNEL – Ant 2 – HT20

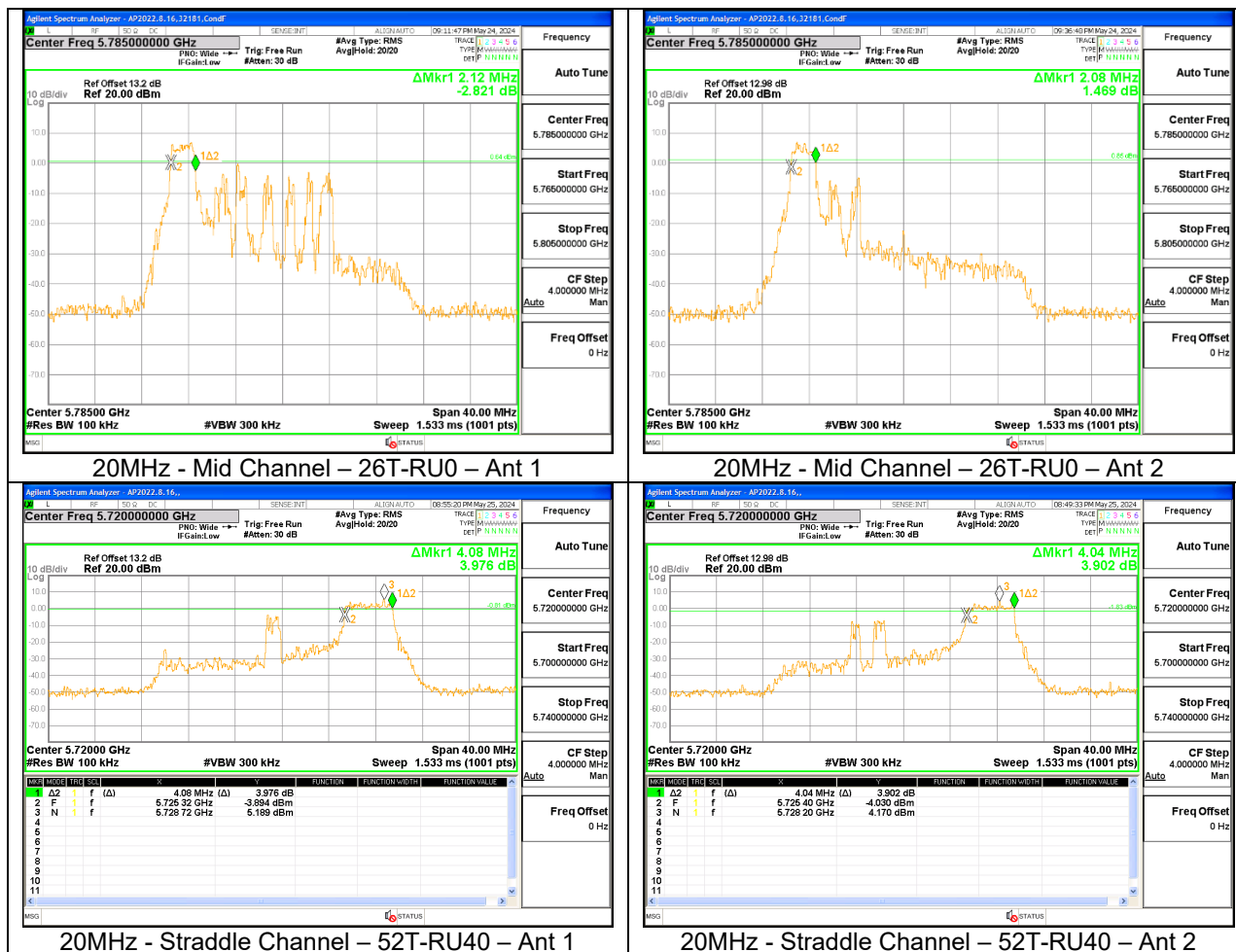
9.4.3. 802.11be SISO MODE IN THE 5.8 GHz BAND

UNII-3 (SISO)	Frequency (MHz)	Channel Number	Tone	RU Index	6 dB BW (MHz)	
					Ant 1	Ant 2
EHT20	5720 (Straddle)	144	SU	--	--	--
			52T	40	4.080	4.160
	5745	149	SU	--	--	--
			26T	0	2.040	2.160
				4	2.68	2.680
				8	2.08	2.200
	5785	157	SU	--	--	--
			26T	0	2.080	2.120
				4	2.640	2.680
				8	2.080	2.120
	5825	165	SU	--	--	--
			26T	0	2.080	2.120
				4	2.680	2.600
				8	2.160	2.160
EHT40	5710 (Straddle)	142	SU	--	--	--
			52T	44	4.040	4.040
	5755	151	SU	--	--	--
			26T	0	2.240	2.160
				9	2.080	2.080
				17	2.080	2.080
	5795	159	SU	--	--	--
			26T	0	2.080	2.080
				9	2.160	2.080
				17	2.080	2.080
EHT80	5690 (Straddle)	138	SU	--	--	--
			52T	52	4.040	4.040
	5775	155	SU	--	--	--
			26T	0	2.240	2.080
				18	2.880	2.880
				36	2.080	2.080



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 1	Ant 2
EHT20	5720 (Straddle)	144	SU	--	--	--
			52T	40	4.080	4.040
	5745	149	SU	--	--	--
			26T	0	2.080	2.080
				4	2.680	2.600
				8	2.080	2.160
	5785	157	SU	--	--	--
			26T	0	2.120	2.080
				4	2.640	2.680
				8	2.200	2.080
	5825	165	SU	--	--	--
			26T	0	2.120	2.120
				4	2.680	2.600
				8	2.080	2.120
EHT40	5710 (Straddle)	142	SU	--	--	--
			52T	44	4.400	4.040
	5755	151	SU	--	--	--
			26T	0	2.160	2.240
				9	2.080	2.080
				17	2.240	2.080
	5795	159	SU	--	--	--
			26T	0	2.080	2.160
				9	2.160	2.080
				17	2.080	2.160
EHT80	5690 (Straddle)	138	SU	--	--	--
			52T	52	4.040	4.040
	5775	155	SU	--	--	--
			26T	0	2.080	1.920
				18	2.880	2.880
				36	2.080	2.080



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 colocated 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= $(26\text{dB BW}/2)+5$

11n HT20 and 11be ETH20 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	-4.80	-5.00	-4.90	-1.89
5.3	-2.30	-3.90	-3.03	-0.05
5.6	-0.50	-2.70	-1.46	1.48
5.8	-0.20	-2.30	-1.12	1.82

DIRECTIONAL GAIN CALCULATION:

ANSI C63.10-2020 section 14.4.3

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

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

Sample Calculation at 5.2GHz Band:

Ant6=-4.8, Ant5=-5.0

Uncorrelated Antenna gain= $10 \log[(10^{(-4.8/10)} + 10^{(-5.0/10)})/2] = -4.9 \text{dBi}$

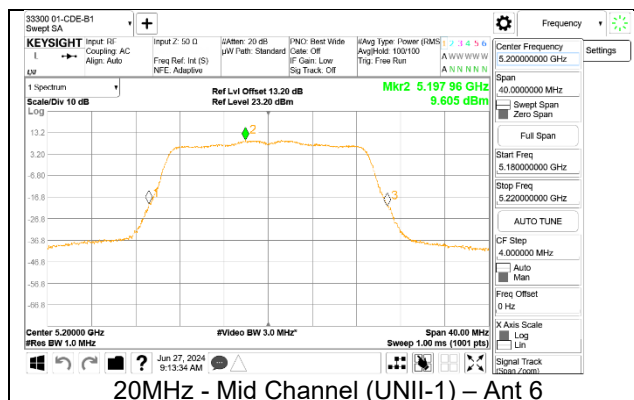
Correlated Antenna gain= $10 \log[(10^{(-4.8/20)} + 10^{(-5.0/20)})^2/2] = -1.89 \text{dBi}$

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

UNII-1 (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.10	0.10	0.24	0.41
Ant 6 (dBi)	-4.80			
Ant 5 (dBi)	-5.00			

UNII-2a (SISO)	
Straddle Channel	
Ant 6 (dBi)	-2.30
Ant 5 (dBi)	-3.90

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	18.93	18.97	18.93	18.97	11	11	8.739	8.944	8.839	9.044
	5200	40					19.92	19.98	19.92	19.98			9.605	9.693	9.705	9.793
	5240	48					19.88	19.80	19.88	19.80			9.555	9.444	9.655	9.544
HT40 (FCC)	5190	38	--		24	24	17.43	17.48	17.43	17.48	11	11	4.382	4.751	4.482	4.851
	5230	46					20.46	20.47	20.46	20.47			7.141	7.265	7.241	7.365
VHT80 (FCC)	5210	42	--		24	24	17.44	17.47	17.44	17.47	11	11	1.056	1.292	1.296	1.532
VHT160 (FCC)	5250 (Straddle)	50	--		24	24	16.47	16.48	16.47	16.48	11	11	-2.502	-2.501	-2.092	-2.091

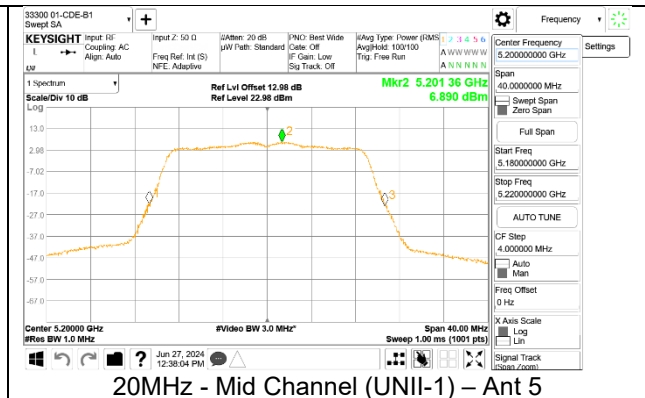
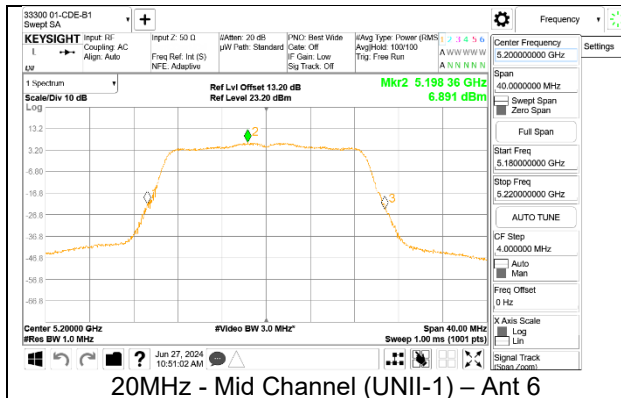


9.5.2. 802.11n/ac MIMO CDD MODE IN THE UNII-1 BAND

UNII-1 (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.10	0.10	0.24	0.41
Un-Correlated Gain (dBi)	-4.90			
Correlated Gain (dBi)	-1.89			

UNII-2a (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	-3.03
Correlated Gain (dBi)	-0.05

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	16.99	16.85	19.93	11	6.957	6.725	9.953
	5200	40			16.95	16.90	19.94		6.891	6.890	10.001
	5240	48			16.88	16.80	19.85		6.742	6.553	9.759
HT40 (FCC)	5190	38	--	24	15.97	15.93	18.96	11	3.430	3.313	6.482
	5230	46			19.95	19.90	22.94		7.312	7.058	10.297
VHT80 (FCC)	5210	42	--	24	16.48	16.43	19.47	11	0.286	-0.084	3.355
VHT160 (FCC)	5250 (Straddle)	50	--	24	15.45	15.48	18.48	11	-3.680	-3.479	-0.158

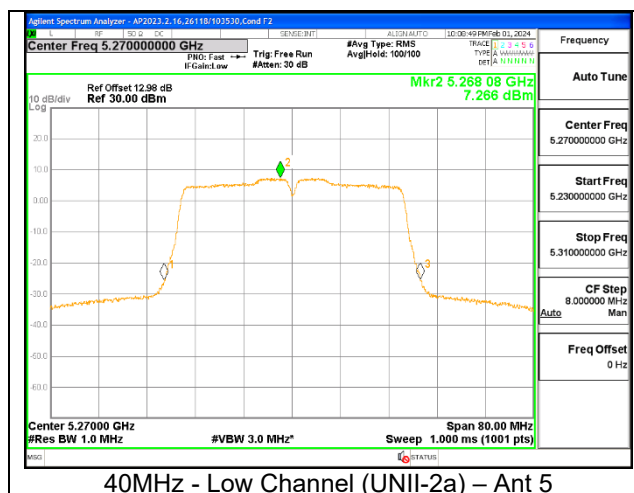


9.5.3. 802.11n/ac SISO MODE IN THE UNII-2A BAND

UNII-2a (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.10	0.10	0.24	0.41
Ant 6 (dBi)	-2.30			
Ant 5 (dBi)	-3.90			

UNII-1 (SISO)	
Straddle Channel	
Ant 6 (dBi)	-4.80
Ant 5 (dBi)	-5.00

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	20.98	20.85	24.00	24.00	19.97	19.88	19.97	19.88	11.00	11.00	10.504	10.336	10.604	10.436
	5300	60	20.99	21.20	24.00	24.00	19.91	19.95	19.91	19.95			10.356	10.422	10.456	10.522
	5320	64	21.21	20.84	24.00	24.00	18.90	18.93	18.90	18.93			8.889	8.997	8.989	9.097
HT40 (FCC)	5270	54	41.24	40.95	24.00	24.00	20.43	20.34	20.43	20.34	11.00	11.00	7.538	7.266	7.638	7.366
	5310	62	42.88	44.87	24.00	24.00	17.41	17.36	17.41	17.36			4.517	4.361	4.617	4.461
VHT80 (FCC)	5290	58	84.22	87.53	24.00	24.00	15.90	15.97	15.90	15.97	11.00	11.00	-0.266	0.025	-0.026	0.265
VHT160 (FCC)	5250 (Straddle)	50	164.20	164.70	24.00	24.00	16.47	16.48	16.47	16.48	11.00	11.00	-2.502	-2.501	-2.092	-2.091

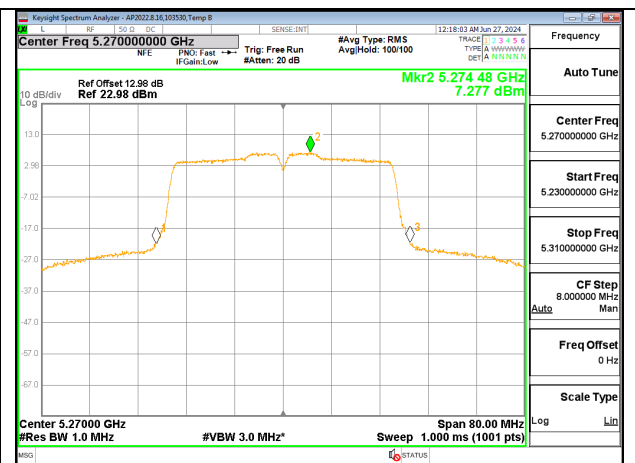
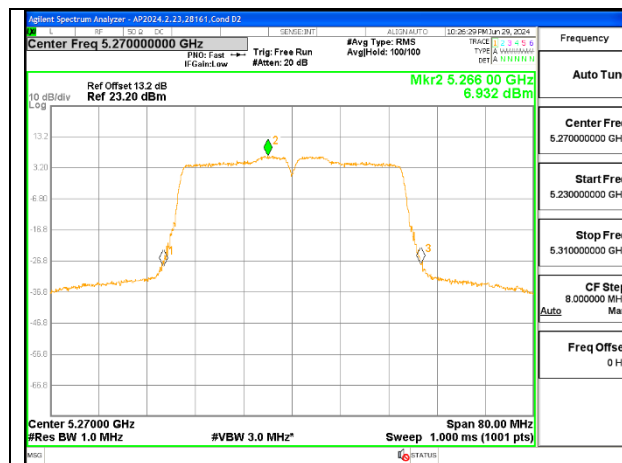


9.5.4. 802.11n/ac MIMO CDD MODE IN THE UNII-2A BAND

UNII-2a (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.10	0.10	0.24	0.41
Un-Correlated Gain (dBi)	-3.03			
Correlated Gain (dBi)	-0.05			

UNII-1 (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	-4.90
Correlated Gain (dBi)	-1.89

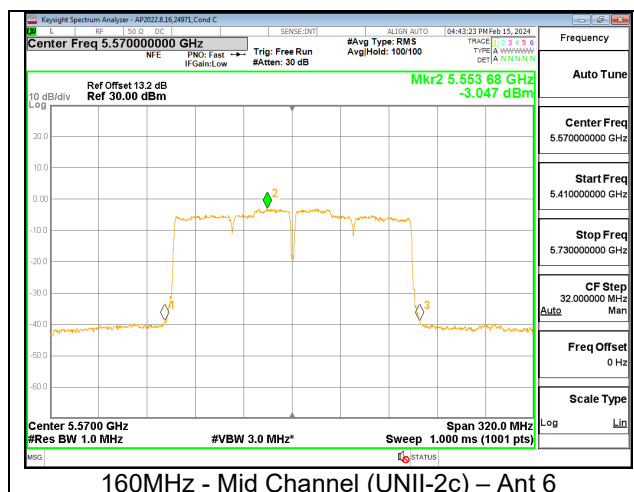
UNII-2a (MIMO CDD)	Freq (MHz)	Ch. #	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
					Ant 6	Ant 5			Ant 6	Ant 5	
HT20 (FCC)	5260	52	20.55	24.00	16.86	16.95	19.92	11.00	7.286	7.414	10.461
	5300	60	21.03	24.00	16.82	16.88	19.86		7.093	7.291	10.303
	5320	64	21.27	24.00	16.99	16.91	19.96		7.443	7.413	10.538
HT40 (FCC)	5270	54	40.90	24.00	19.88	19.98	22.94	11.00	6.932	7.277	10.218
	5310	62	43.56	24.00	15.97	15.92	18.96		2.861	2.847	5.964
VHT80 (FCC)	5290	58	85.34	24.00	15.46	15.43	18.46	11.00	-0.391	-0.505	2.803
VHT160 (FCC)	5250 (Straddle)	50	164.30	24.00	15.45	15.48	18.48	11.00	-3.680	-3.479	-0.158



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

UNII-2c (SISO)	20MHz	40MHz	80MHz	160MHz	UNII-3 (SISO)
DCCF (MCS0) (dB)	0.10	0.10	0.24	0.41	Straddle Channel
Ant 6 (dBi)	-0.50				Ant 6 (dBi)
Ant 5 (dBi)	-2.70				Ant 5 (dBi)
					Ant 6 (dBi)
					Ant 5 (dBi)

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	22.12	21.87	24.00	24.00	18.71	18.67	18.71	18.67	11.00	11.00	8.746	8.722	8.846	8.822
	5580	116	21.13	21.18	24.00	24.00	19.85	19.98	19.85	19.98			9.376	9.477	9.476	9.577
	5700	140	23.53	24.82	24.00	24.00	18.44	18.46	18.44	18.46			8.047	8.089	8.147	8.189
	5720 (Straddle)	144	15.65	15.54	22.95	22.91	19.86	19.99	19.86	19.99			9.627	9.839	9.727	9.939
HT40 (FCC)	5510	102	45.01	44.34	24.00	24.00	16.39	16.42	16.39	16.42	11.00	11.00	3.123	3.361	3.223	3.461
	5550	110	41.52	41.52	24.00	24.00	20.36	20.41	20.36	20.41			7.058	7.265	7.158	7.365
	5670	134	43.70	42.16	24.00	24.00	20.42	20.44	20.42	20.44			7.407	7.538	7.507	7.638
	5710 (Straddle)	142	41.31	41.73	24.00	24.00	20.41	20.43	20.41	20.43			7.423	7.485	7.523	7.585
VHT80 (FCC)	5530	106	84.14	83.96	24.00	24.00	15.86	15.93	15.86	15.93	11.00	11.00	-0.766	-0.616	-0.526	-0.376
	5610	122	84.42	83.67	24.00	24.00	20.41	20.37	20.41	20.37			3.627	3.592	3.867	3.832
	5690 (Straddle)	138	81.71	81.44	24.00	24.00	20.34	20.31	20.34	20.31			3.231	3.127	3.471	3.367
VHT160 (FCC)	5570	106	164.70	165.00	24.00	24.00	16.40	16.44	16.40	16.44	11.00	11.00	-3.047	-2.938	-2.637	-2.528

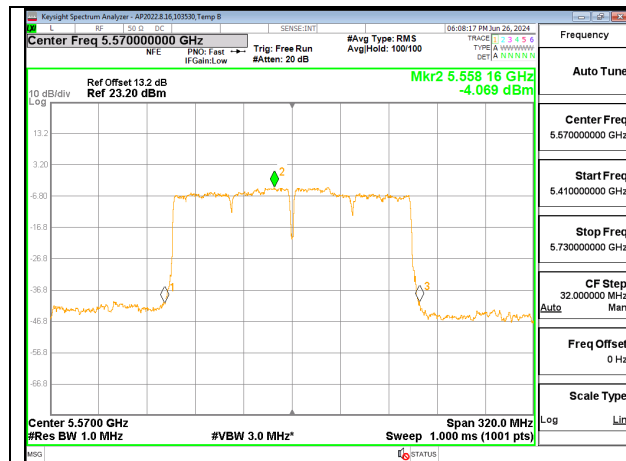


9.5.6. 802.11n/ac MIMO CDD MODE IN THE UNII-2C BAND

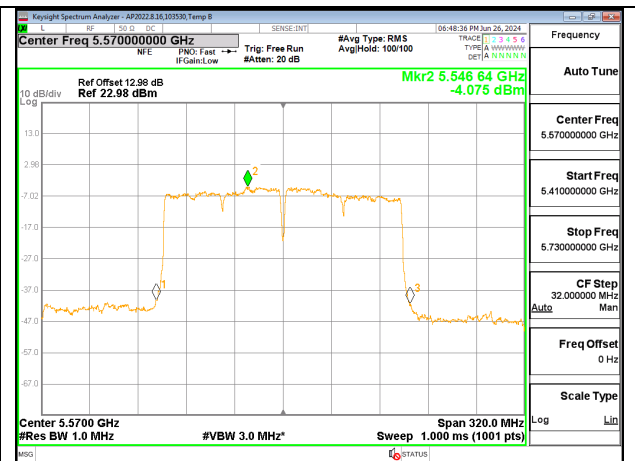
UNII-2c (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.10	0.10	0.24	0.41
Un-Correlated Gain (dBi)	-1.46			
Correlated Gain (dBi)	1.48			

UNII-3 (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	-1.12
Correlated Gain (dBi)	1.82

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	22.15	24.00	16.90	16.95	19.94	11.00	6.574	6.666	9.731
	5580	116	21.02	24.00	16.78	16.81	19.81		6.160	6.449	9.417
	5700	140	21.99	24.00	16.88	16.93	19.92		6.561	6.631	9.706
	5720 (Straddle)	144	15.61	22.93	16.84	16.99	19.93		6.501	6.921	9.826
HT40 (FCC)	5510	102	42.76	24.00	15.37	15.44	18.42	11.00	2.139	2.434	5.399
	5550	110	40.85	24.00	19.80	19.95	22.89		6.185	6.484	9.447
	5670	134	42.19	24.00	19.84	19.87	22.87		6.072	6.299	9.297
	5710 (Straddle)	142	40.72	24.00	19.97	19.90	22.95		6.557	6.419	9.599
VHT80 (FCC)	5530	106	82.18	24.00	15.18	15.22	18.21	11.00	-1.391	-0.928	2.097
	5610	122	81.22	24.00	19.93	19.97	22.96		3.293	3.330	6.562
	5690 (Straddle)	138	80.81	24.00	19.90	19.86	22.89		3.206	3.109	6.408
VHT160 (FCC)	5570	106	163.90	24.00	15.45	15.40	18.44	11.00	-4.069	-4.075	-0.652



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

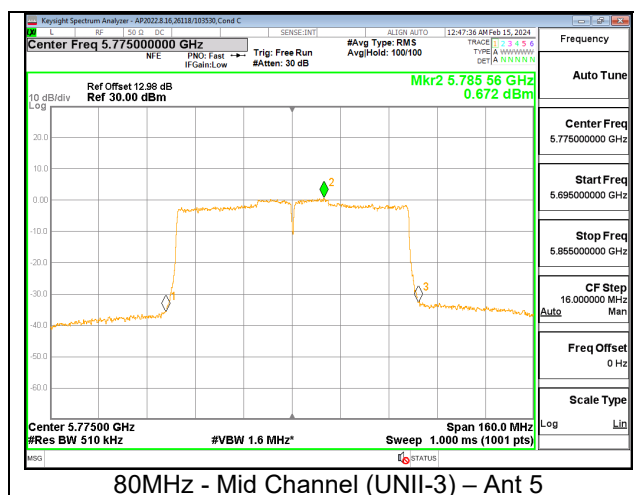


160MHz - Mid Channel (UNII-2c) – Ant 5

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

UNII-3 (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.10	0.10	0.24	N/A
Ant 1 (dBi)	-0.20			
Ant 5 (dBi)	-2.30			

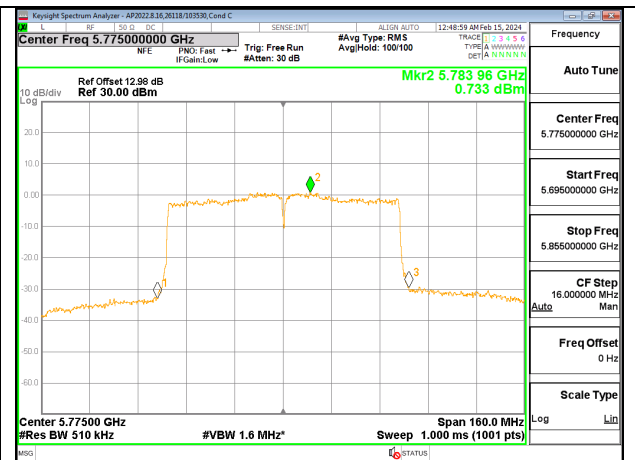
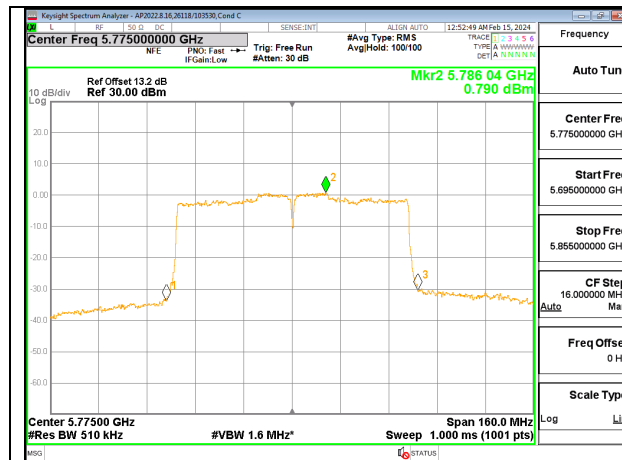
UNII-3 (SISO)	Freq (MHz)	Ch. #	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/500kHz)	
			Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
HT20	5745	149	--	30	30	30	20.48	20.43	20.48	20.43	30	30	7.767	7.673	7.867	7.773
	5785	157					20.42	20.38	20.42	20.38			7.619	7.555	7.719	7.655
	5825	165					20.46	20.37	20.46	20.37			7.757	7.550	7.857	7.650
HT40	5755	151	--	30	30	30	20.36	20.43	20.36	20.43	30	30	4.840	5.039	4.940	5.139
	5795	159					20.47	20.40	20.47	20.40			5.066	4.941	5.166	5.041
VHT80	5775	155	--	30	30	30	20.46	20.43	20.46	20.43	30	30	0.731	0.672	0.971	0.912



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)	0.10	0.10	0.24	N/A
Un-Correlated Gain (dBi)	-1.12			
Correlated Gain (dBi)	1.82			

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	20.43	20.47	23.46	30	7.847	7.982	11.025
	5785	157			20.42	20.36	23.40		7.775	7.644	10.820
	5825	165			20.45	20.40	23.44		7.864	7.706	10.896
HT40	5755	151	--	30	20.49	20.42	23.47	30	4.900	4.690	7.907
	5795	159			20.47	20.44	23.47		4.887	4.703	7.906
VHT80	5775	155	--	30	20.45	20.40	23.44	30	0.790	0.733	4.012

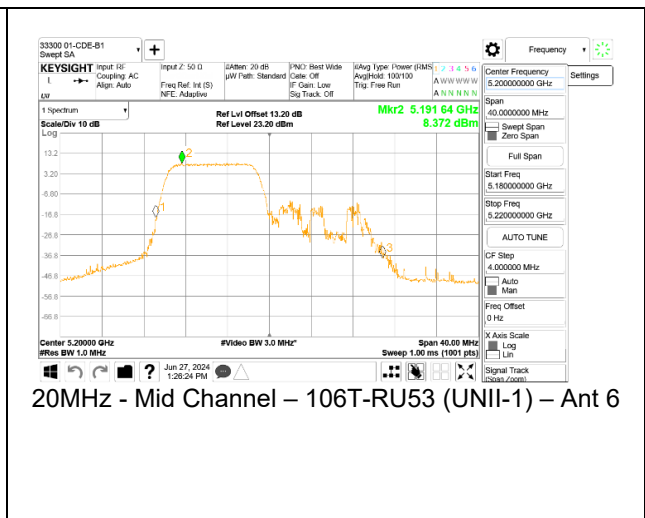
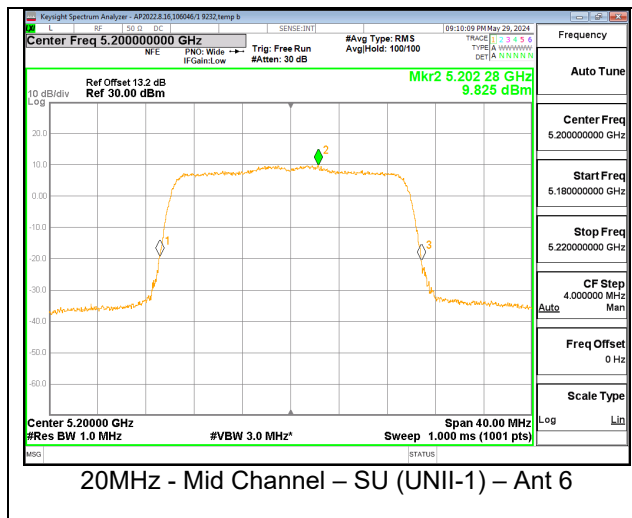


9.5.9. 802.11be SISO MODE IN THE UNII-1 BAND

UNII-1 (SISO)	20MHz		40MHz			80MHz		160MHz	
	SU	106T	SU	242T	106T	SU	242T	SU	242T
DCCF (MCSO) (dB)	0.00	0.00	0.13	0.00	0.00	0.15	0.00	0.15	0.00
Ant 6 (dBi)	-4.80								
Ant 5 (dBi)	-5.00								

UNII-2a (SISO)	
Straddle Channel	
Ant 6 (dBi)	-2.30
Ant 5 (dBi)	-3.90

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
EHT20 (FCC)	5180	36	SU	--	--	24.00	24.00		18.43	18.48	18.43	18.48	11.00	11.00	8.186	8.328	8.186	8.328
			106T	53					16.73	16.62	16.73	16.62			8.601	8.453	8.601	8.453
			54						16.68	16.70	16.68	16.70			8.455	8.533	8.455	8.533
	5200	40	SU	--					19.87	19.97	19.87	19.97			9.825	10.188	9.825	10.188
			106T	53					16.65	16.73	16.65	16.73			8.372	8.559	8.372	8.559
			54						16.70	16.69	16.70	16.69			8.531	8.435	8.531	8.435
	5240	48	SU	--					19.90	19.98	19.90	19.98			9.308	9.581	9.308	9.581
			106T	53					16.71	16.68	16.71	16.68			8.543	8.485	8.543	8.485
			54						16.60	16.65	16.60	16.65			8.366	8.438	8.366	8.438
	5190	38	SU	--					16.43	16.39	16.43	16.39			3.264	3.135	3.264	3.135
			242T	61					17.96	17.88	17.96	17.88			6.809	6.524	6.809	6.524
			62						17.91	17.85	17.91	17.85			6.731	6.394	6.731	6.394
			53						13.71	13.59	13.71	13.59			5.804	5.508	5.804	5.508
			106T	54					13.74	13.66	13.74	13.66			5.820	5.651	5.820	5.651
			56						13.61	13.69	13.61	13.69			5.625	5.675	5.625	5.675
	5230	46	SU	--					20.41	20.39	20.41	20.39			7.153	7.015	7.283	7.145
			242T	61					19.80	19.90	19.80	19.90			8.647	8.962	8.647	8.962
			62						19.87	19.93	19.87	19.93			8.940	9.004	8.940	9.004
			53						13.69	13.60	13.69	13.60			5.475	5.385	5.475	5.385
			106T	54					13.70	13.73	13.70	13.73			5.475	5.534	5.475	5.534
			56						13.61	13.65	13.61	13.65			5.389	5.418	5.389	5.418
EHT80 (FCC)	5210	42	SU	--	--	24.00	24.00		16.48	16.42	16.48	16.42	11.00	11.00	0.552	0.471	0.702	0.621
			61						17.93	17.83	17.93	17.83			6.509	6.407	6.509	6.407
			242T	62					17.80	17.99	17.80	17.99			6.337	6.799	6.337	6.799
			64						17.86	17.90	17.86	17.90			6.492	6.508	6.492	6.508
EHT160 (FCC)	5250 (Straddle)	50	SU	--	--	24.00	24.00		15.92	15.86	15.92	15.86	11.00	11.00	-2.948	-3.265	-2.798	-3.115
			61						17.95	17.99	17.95	17.99			6.959	7.028	6.959	7.028
			242T	62					17.88	17.81	17.88	17.81			6.265	6.100	6.265	6.100
			564						17.93	17.90	17.93	17.90			6.908	6.709	6.908	6.709

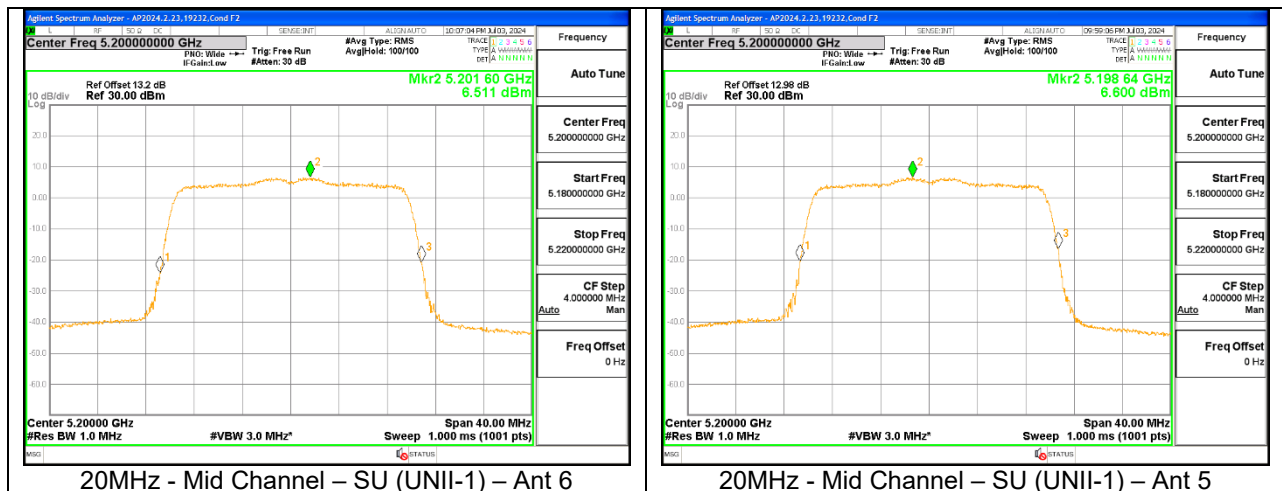


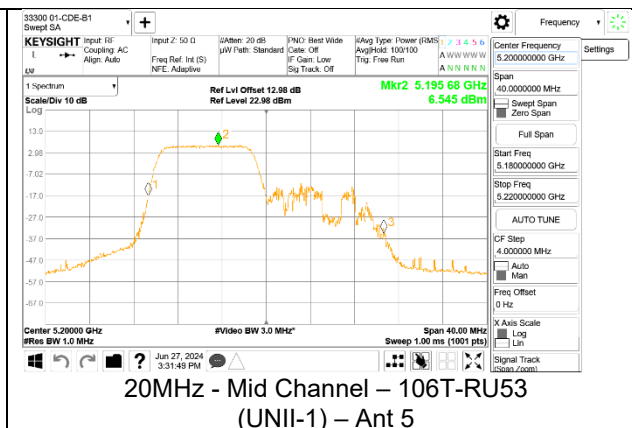
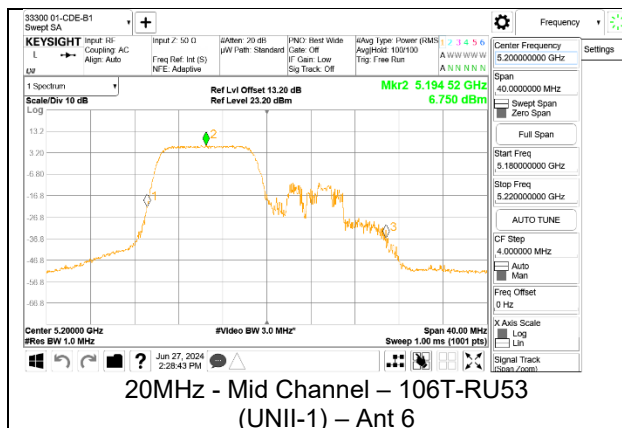
9.5.10. 802.11be MIMO CDD MODE IN THE UNII-1 BAND

UNII-1 (MIMO CDD)	20MHz		40MHz			80MHz		160MHz	
	SU	106T	SU	242T	106T	SU	242T	SU	242T
DCCF (MCS0) (dBi)	0.00	0.00	0.13	0.00	0.00	0.15	0.00	0.15	0.00
Un-Correlated Gain (dBi)	-4.90								
Correlated Gain (dBi)	-1.89								

UNII-2a (MIMO CDD)	
Straddle Channel	
Un-Corr. Gain (dBi)	-3.03
Corr. Gain (dBi)	-0.05

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	16.90	16.98	19.95	11	6.538	6.828	9.696
			106T	53			14.95	14.99	17.98		6.658	6.719	9.699
				54			14.90	14.85	17.89		6.652	6.607	9.640
	5200	40	SU	--			16.88	16.95	19.93		6.511	6.600	9.566
			106T	53			14.95	14.85	17.91		6.750	6.545	9.659
				54			14.97	14.90	17.95		6.873	6.733	9.814
	5240	48	SU	--			16.92	16.96	19.95		6.397	6.451	9.434
			106T	53			14.95	14.97	17.97		6.776	6.892	9.845
				54			14.90	14.87	17.90		6.561	6.538	9.560
EHT40 (FCC)	5190	38	SU	--			15.90	15.97	18.95	11	2.451	2.868	5.805
			242T	61			16.80	16.87	19.85		5.231	5.617	8.439
				62			16.93	16.96	19.96		5.743	5.923	8.844
			106T	53			13.71	13.59	16.66		5.492	5.264	8.390
				54			13.74	13.60	16.68		5.512	5.283	8.409
				56			13.66	13.62	16.65		5.370	5.308	8.349
	5230	46	SU	--			19.92	19.97	22.96		6.159	6.269	9.355
			242T	61			16.93	16.99	19.97		5.668	5.976	8.835
				62			16.86	16.97	19.93		5.643	5.906	8.787
			106T	53			13.68	13.64	16.67		5.245	5.130	8.198
				54			13.73	13.61	16.68		5.344	5.063	8.216
				56			13.70	13.65	16.69		5.321	5.190	8.266
EHT80 (FCC)	5210	42	SU	--	--	24	15.89	15.95	18.93	11	-0.127	0.130	3.164
			242T	61			16.85	16.79	19.83		6.040	5.855	8.959
				62			16.81	16.88	19.86		5.998	6.205	9.113
				64			16.96	16.92	19.95		6.345	6.340	9.353
EHT160 (FCC)	5250 (Straddle)	50	SU	--			15.46	15.43	18.46	11	-3.129	-3.470	-0.136
			242T	61			16.90	16.93	19.93		5.560	5.742	8.662
				62			16.83	16.85	19.85		5.435	5.466	8.461
				S64			16.81	16.87	19.85		5.411	5.506	8.469



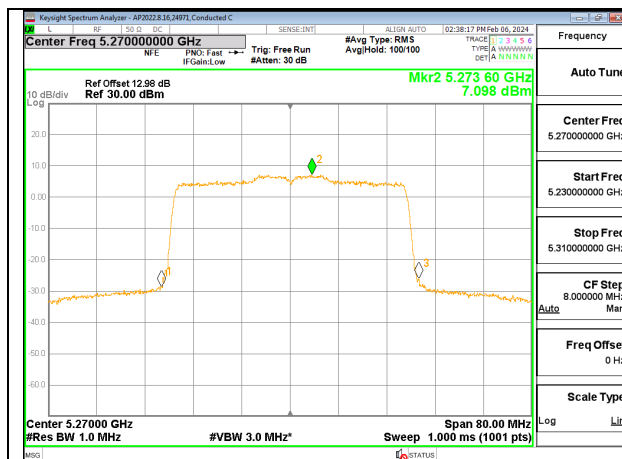


9.5.11. 802.11be SISO MODE IN THE UNII-2A BAND

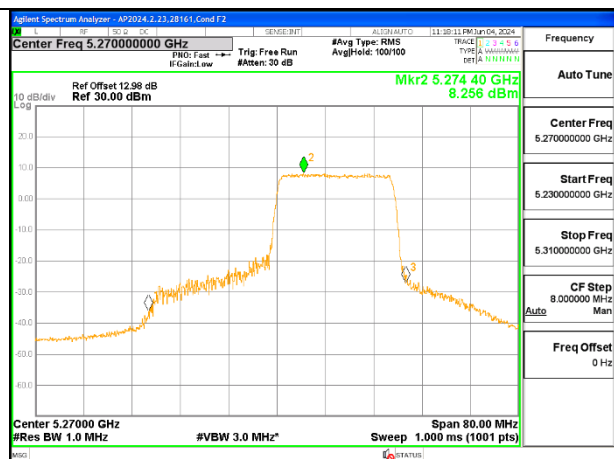
UNII-2a (SISO)	20MHz		40MHz			80MHz		160MHz	
	SU	106T	SU	242T	52T	SU	484T	SU	242T
DCCF (MCS0) (dB)	0.00	0.00	0.13	0.00	0.00	0.15	0.00	0.15	0.00
Ant 6 (dBi)	-2.30								
Ant 5 (dBi)	-3.90								

UNII-1 (SISO)	
Straddle Channel	
Ant 6 (dBi)	-4.80
Ant 5 (dBi)	-5.00

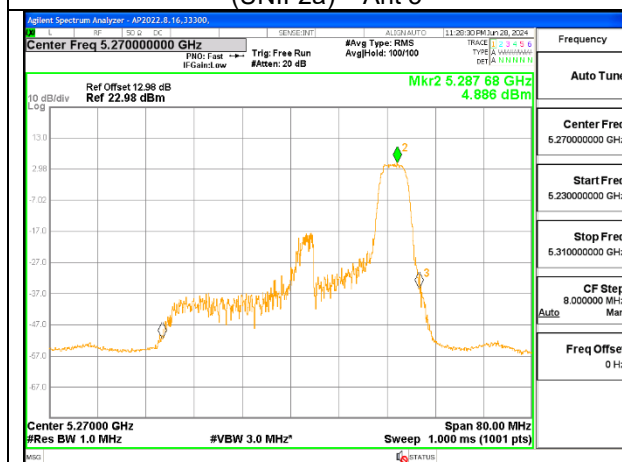
UNII-2a (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)				
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	
EHT20 (FCC)	5260	52	SU	--	20.80	20.95	24.00	24.00	19.94	19.90	19.94	19.90	11.00	11.00	9.576	9.462	9.576	9.462			
			106T	53	20.64	20.66	24.00	24.00	16.73	16.65	16.73	16.65			8.658	8.489	8.658	8.489			
		60	SU	--	21.13	20.98	24.00	24.00	19.87	19.93	19.87	19.93			9.523	9.716	9.523	9.716			
			106T	53	20.58	20.58	24.00	24.00	16.67	16.71	16.67	16.71			8.544	8.620	8.544	8.620			
	5300	60	SU	--	20.91	20.92	24.00	24.00	16.60	16.65	16.60	16.65			8.449	8.509	8.449	8.509			
			106T	53	20.58	20.58	24.00	24.00	16.67	16.71	16.67	16.71			8.544	8.620	8.544	8.620			
		64	SU	--	21.33	22.29	24.00	24.00	18.48	18.43	18.48	18.43			8.590	8.354	8.590	8.354			
			106T	53	19.99	20.76	24.00	24.00	16.68	16.70	16.68	16.70			8.396	8.512	8.396	8.512			
	EHT40 (FCC)	5270	54	SU	--	41.24	41.15	24.00	24.00	20.49	20.37	20.49			20.37	11.00	11.00	7.445	7.098	7.575	7.228
				242T	61	30.47	31.63	24.00	24.00	19.90	19.86	19.90			19.86			8.095	8.077	8.095	8.077
				242T	62	29.47	28.84	24.00	24.00	19.93	19.97	19.93			19.97			8.166	8.256	8.166	8.256
				52T	37	19.94	19.92	24.00	23.99	10.73	10.64	10.73			10.64			4.944	4.755	4.944	4.755
52T			41	23.84	24.83	24.00	24.00	10.70	10.71	10.70	10.71	4.911	4.912	4.911	4.912						
52T			44	21.43	21.36	24.00	24.00	10.60	10.66	10.60	10.66	4.722	4.886	4.722	4.886						
62			SU	--	43.52	43.07	24.00	24.00	16.40	16.43	16.40	16.43	3.004	3.086	3.134			3.216			
			242T	61	31.21	29.32	24.00	24.00	17.90	17.81	17.90	17.81	6.360	6.233	6.360			6.233			
		5310	242T	62	30.54	30.60	24.00	24.00	17.91	17.96	17.91	17.96	6.390	6.440	6.390			6.440			
			52T	37	19.90	19.71	23.99	23.95	10.65	10.62	10.65	10.62	4.679	4.610	4.679			4.610			
52T			41	23.73	22.92	24.00	24.00	10.72	10.71	10.72	10.71	4.833	4.832	4.833	4.832						
52T			44	20.52	21.41	24.00	24.00	10.68	10.74	10.68	10.74	4.707	4.984	4.707	4.984						
EHT80 (FCC)	5290	58	SU	--	84.32	82.33	24.00	24.00	15.38	15.42	15.38	15.42	11.00	11.00	-0.832	-0.718	-0.682	-0.568			
			484T	65	46.70	45.18	24.00	24.00	15.95	15.80	15.95	15.80			2.637	2.359	2.637	2.359			
			66	47.95	47.27	24.00	24.00	15.84	15.99	15.84	15.99	2.519			2.656	2.519	2.656				
EHT160 (FCC)	5250 (Straddle)	50	SU	-	163.60	165.00	24.00	24.00	15.92	15.86	15.92	15.86	11.00	11.00	-2.948	-3.265	-2.798	-3.115			
			242T	61	29.73	29.88	24.00	24.00	17.95	17.99	17.95	17.99			6.959	7.028	6.959	7.028			
			242T	62	32.52	31.23	24.00	24.00	17.88	17.81	17.88	17.81			6.265	6.100	6.265	6.100			
			242T	S64	27.75	27.26	24.00	24.00	17.93	17.90	17.93	17.90			6.908	6.709	6.908	6.709			



40MHz - Low Channel – SU
(UNII-2a) – Ant 5



40MHz - Low Channel – 242T-RU62
(UNII-2a) – Ant 5

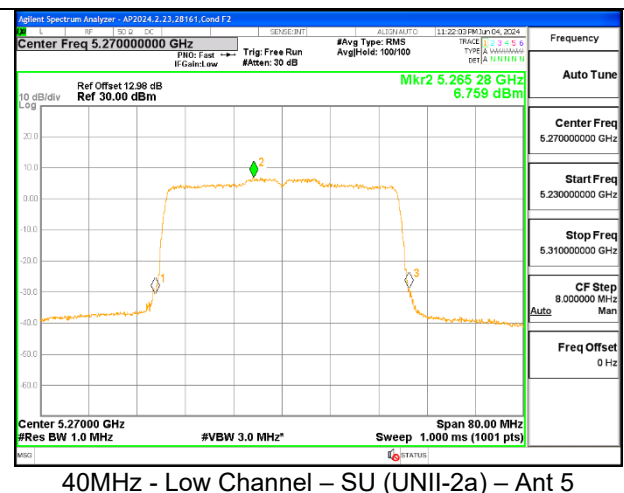
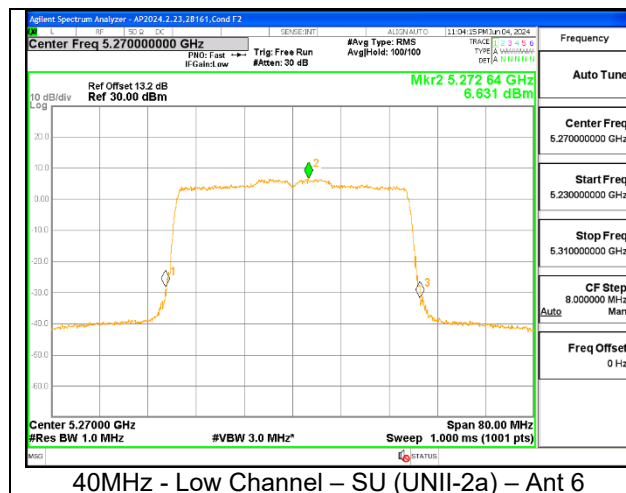


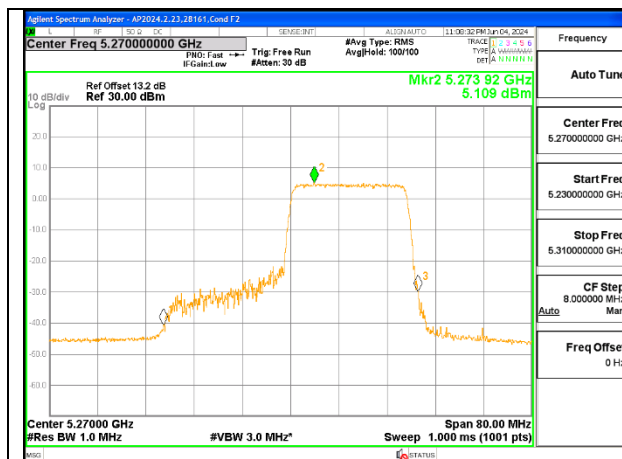
40MHz - Low Channel – 52T-RU44
(UNII-2a) – Ant 5

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

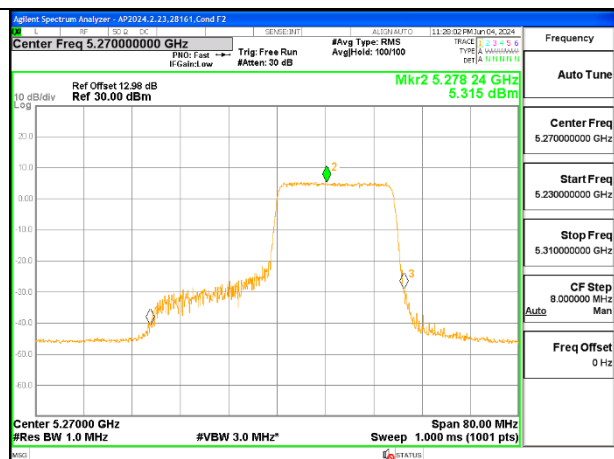
UNII-2a (MIMO CDD)		20MHz		40MHz			80MHz		160MHz		UNII-1 (MIMO CDD)		
		SU	106T	SU	242T	52T	SU	484T	SU	242T			
DCCF (MCS0) (dB)		0.00	0.00	0.13	0.00	0.00	0.15	0.00	0.15	0.00	Straddle Channel		
Un-Correlated Gain (dBi)		-3.03									Un-Corr. Gain (dBi)		-4.90
Correlated Gain (dBi)		-0.05									Corr. Gain (dBi)		-1.89

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	--	20.85	24.00	16.95	16.90	19.94	11.00	6.379	6.236	9.318					
			106T	53	20.04	24.00	14.87	14.95	17.92		7.031	7.179	10.116					
				54	20.08	24.00	14.97	14.90	17.95		7.223	7.067	10.156					
			5300	60	SU	--	21.03	24.00	16.97		16.96	19.98	6.421	6.404	9.423			
	106T	53			20.09	24.00	14.85	14.95	17.91		7.034	7.250	10.154					
		54			20.12	24.00	14.99	14.91	17.96		7.371	7.228	10.310					
	5320	64			SU	--	21.33	24.00	16.87		16.96	19.93	6.336	6.591	9.476			
			106T	53	19.72	23.95	14.90	14.83	17.88		7.182	6.997	10.101					
				54	20.03	24.00	14.98	14.88	17.94		7.448	7.059	10.268					
			EHT40 (FCC)	5270	54	SU	--	40.96	24.00		19.90	19.95	22.94	11.00	6.631	6.759	9.836	
	242T	61				26.88	24.00	16.86	16.90		19.89	5.169	5.267		8.229			
		62				25.48	24.00	16.83	16.94		19.90	5.109	5.315		8.224			
52T	37	19.50				23.90	10.68	10.60	13.65	4.922	4.753	7.849						
	41	22.93			24.00	10.73	10.71	13.73	5.167	5.064	8.126							
44	19.53	23.91			10.65	10.62	13.65	4.869	4.888	7.889								
5310	62	SU			--	42.40	24.00	15.97	15.93	18.96	2.279	2.175	5.368					
		242T			61	28.36	24.00	16.80	16.89	19.86	5.052	5.129	8.101					
				62	28.09	24.00	16.85	16.87	19.87	5.091	5.100	8.106						
		52T		37	19.65	23.93	10.60	10.65	13.64	4.734	4.786	7.770						
41	22.71			24.00	10.62	10.71	13.68	4.757	4.938	7.859								
				44	19.60	23.92	10.67	10.61	13.65	4.808	4.751	7.790						
				EHT80 (FCC)	5290	58	SU	--	81.20	24.00	14.49	14.40	17.46		11.00	-1.536	-1.670	1.558
							484T	65	42.99	24.00	15.47	15.45	18.47			2.146	2.142	5.154
								66	43.18	24.00	15.37	15.40	18.40			1.896	1.918	4.917
EHT160 (FCC)	5250 (Straddle)	50		SU	--	81.20	24.00	15.46	15.43	18.46	11.00	-3.129	-3.470		-0.136			
			242T	61	25.39	24.00	16.90	16.93	19.93	5.560		5.742	8.662					
				62	27.63	24.00	16.83	16.85	19.85	5.435		5.466	8.461					
				S64	25.68	24.00	16.81	16.87	19.85	5.411		5.506	8.469					

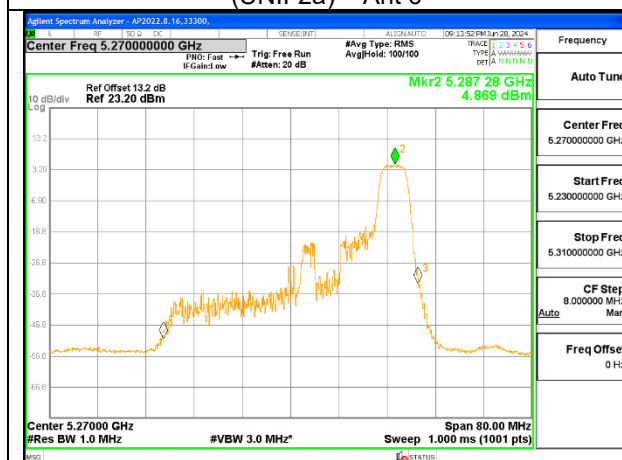




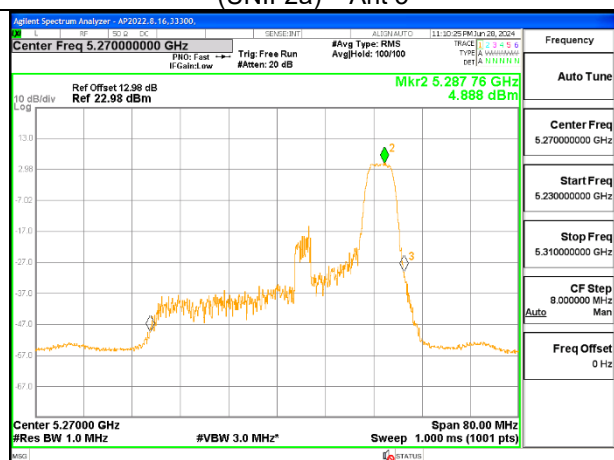
40MHz - Low Channel – 242T-RU62
(UNII-2a) – Ant 6



40MHz - Low Channel – 242T-RU62
(UNII-2a) – Ant 5



40MHz - Low Channel – 52T-RU44
(UNII-2a) – Ant 6



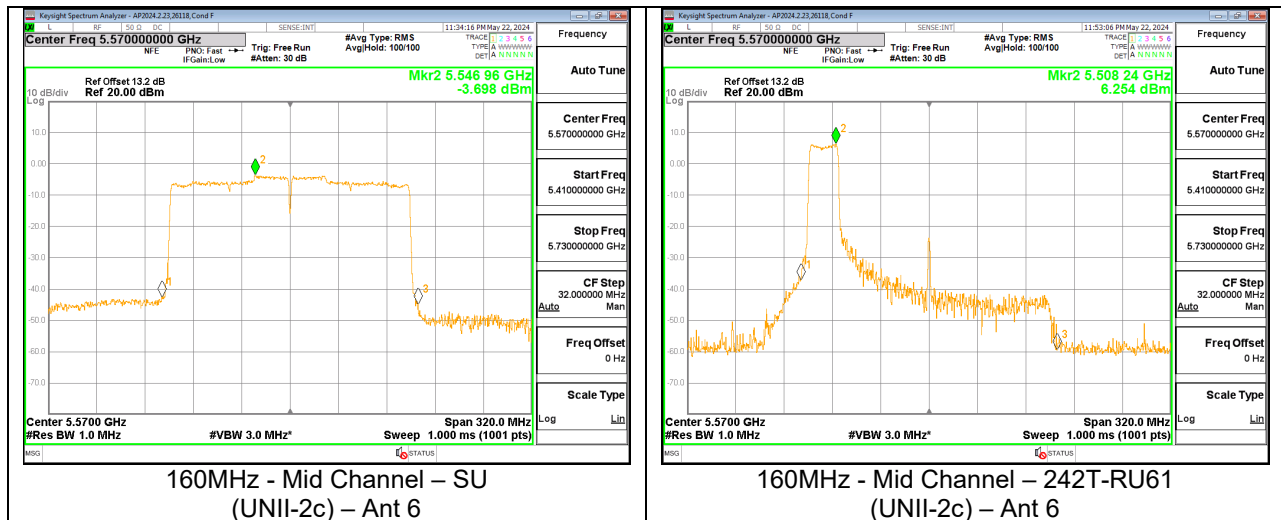
40MHz - Low Channel – 52T-RU44
(UNII-2a) – Ant 5

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

UNII-2c (SISO)	20MHz		40MHz			80MHz		160MHz	
	SU	106T	SU	242T	52T	SU	484T	SU	242T
DCCF (MCS0) (dB)	0.00	0.00	0.13	0.00	0.00	0.15	0.00	0.15	0.00
Ant 6 (dBi)	-0.50								
Ant 5 (dBi)	-2.70								

UNII-3 (SISO)	
Straddle Channel	
Ant 6 (dBi)	-0.20
Ant 5 (dBi)	-2.30

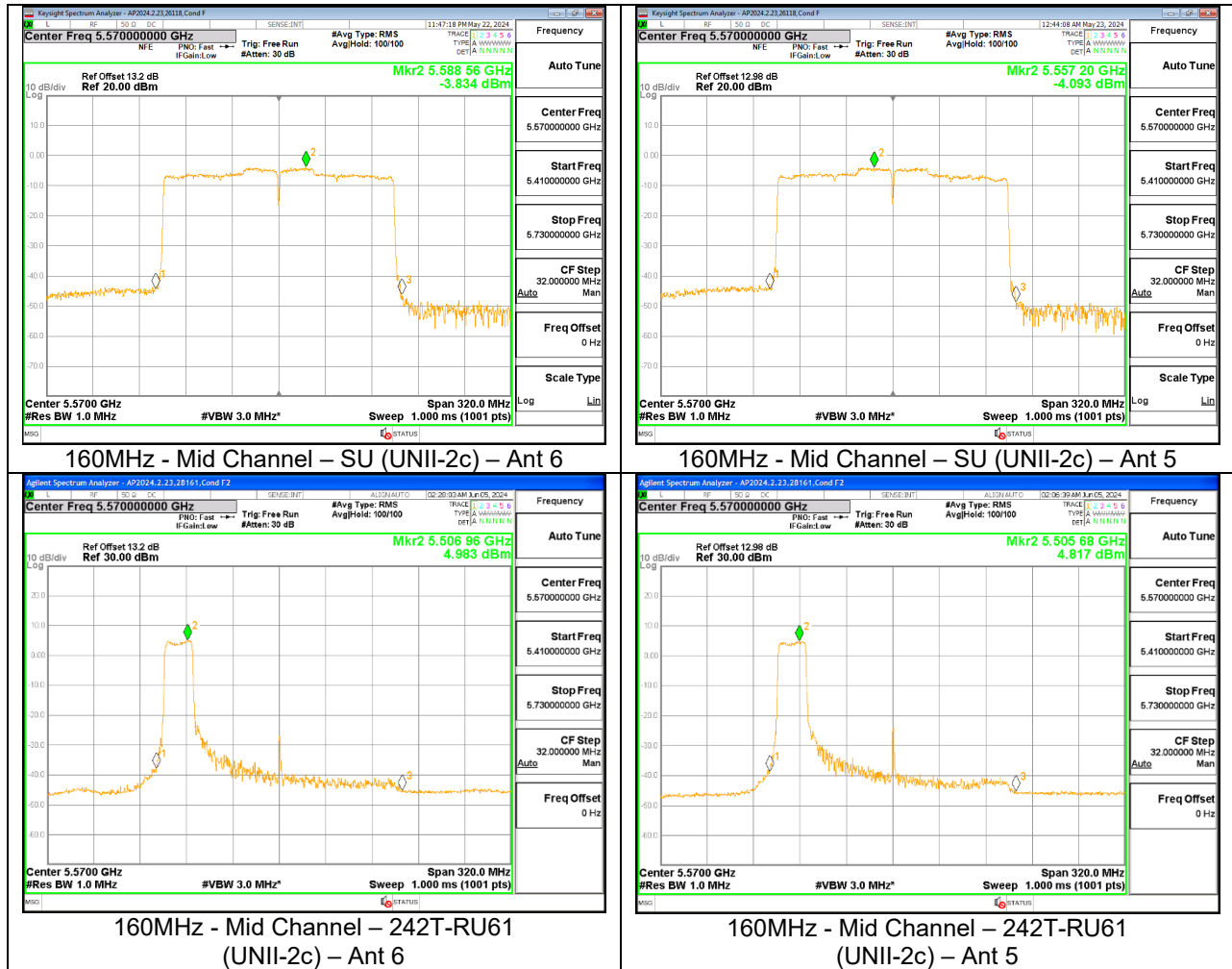
UNII-2c (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
EHT20 (FCC)	5500	100	SU	--	22.29	22.72	24.00	24.00	18.47	18.41	18.47	18.41	11.00	11.00	7.816	7.757	7.816	7.757
			106T	53	20.62	20.69	24.00	24.00	16.71	16.68	16.71	16.68			8.683	8.498	8.683	8.498
				54	20.83	21.06	24.00	24.00	16.61	16.74	16.61	16.74			8.302	8.420	8.302	8.420
	5580	116	SU	--	21.06	21.00	24.00	24.00	19.93	19.88	19.93	19.88			9.149	8.952	9.149	8.952
			106T	53	20.62	20.67	24.00	24.00	16.70	16.65	16.70	16.65			8.490	8.433	8.490	8.433
				54	21.00	20.97	24.00	24.00	16.68	16.73	16.68	16.73			8.457	8.567	8.457	8.567
	5700	140	SU	--	22.42	20.85	24.00	24.00	16.37	16.44	16.37	16.44			6.319	6.584	6.319	6.584
			106T	53	20.90	20.75	24.00	24.00	15.97	15.99	15.97	15.99			7.553	7.630	7.553	7.630
				54	20.92	20.76	24.00	24.00	15.93	15.95	15.93	15.95			7.286	7.544	7.286	7.544
	5720 (Straddle)	144	SU	--	15.71	15.54	22.96	22.91	19.95	19.85	19.95	19.85			9.166	8.870	9.166	8.870
			106T	53	15.33	15.31	22.86	22.85	16.65	16.73	16.65	16.73			8.050	8.205	8.050	8.205
				54	15.37	15.44	22.87	22.89	16.70	16.68	16.70	16.68			8.197	8.147	8.197	8.147
EHT40 (FCC)	5510	102	SU	--	41.11	42.28	24.00	24.00	15.94	15.87	15.94	15.87	11.00	11.00	2.160	1.960	2.290	2.090
			242T	61	31.24	30.74	24.00	24.00	17.90	17.95	17.90	17.95			5.658	5.712	5.658	5.712
				62	32.08	29.24	24.00	24.00	17.85	17.99	17.85	17.99			5.606	6.002	5.606	6.002
				37	19.82	19.93	23.97	24.00	10.68	10.59	10.68	10.59			5.200	4.845	5.200	4.845
			52T	41	23.42	24.42	24.00	24.00	10.61	10.65	10.61	10.65			5.084	5.184	5.084	5.184
				44	21.32	21.18	24.00	24.00	10.73	10.71	10.73	10.71			5.278	5.272	5.278	5.272
	5550	110	SU	--	40.95	41.36	24.00	24.00	20.43	20.47	20.43	20.47			6.105	6.340	6.235	6.470
			242T	61	31.39	30.89	24.00	24.00	19.85	19.90	19.85	19.90			7.702	7.712	7.702	7.712
				62	32.19	27.91	24.00	24.00	19.88	19.95	19.88	19.95			7.692	7.911	7.692	7.911
				37	19.87	19.89	23.98	23.99	10.62	10.58	10.62	10.58			4.853	4.670	4.853	4.670
			52T	41	24.10	24.33	24.00	24.00	10.69	10.60	10.69	10.60			4.955	4.850	4.955	4.850
				44	21.40	20.56	24.00	24.00	10.74	10.72	10.74	10.72			5.103	5.080	5.103	5.080
	5670	134	SU	--	44.25	41.22	24.00	24.00	18.95	18.98	18.95	18.98			4.248	4.458	4.378	4.588
			242T	61	33.14	29.46	24.00	24.00	19.83	19.87	19.83	19.87			7.542	7.601	7.542	7.601
				62	29.61	30.55	24.00	24.00	19.99	19.86	19.99	19.86			7.948	7.810	7.948	7.810
				37	19.99	19.97	24.00	24.00	10.67	10.61	10.67	10.61			4.914	4.578	4.914	4.578
			52T	41	24.02	24.30	24.00	24.00	10.68	10.65	10.68	10.65			4.936	4.898	4.936	4.898
				44	21.03	21.48	24.00	24.00	10.71	10.74	10.71	10.74			5.165	5.289	5.165	5.289
	5710 (Straddle)	142	SU	--	41.27	41.09	24.00	24.00	20.47	20.43	20.47	20.43			6.243	6.135	6.373	6.265
			242T	61	29.22	29.87	24.00	24.00	15.88	15.80	15.88	15.80			3.092	2.888	3.092	2.888
				62	29.72	28.20	24.00	24.00	15.96	15.93	15.96	15.93			3.412	3.225	3.412	3.225
				37	20.06	19.64	24.00	23.93	10.60	10.65	10.60	10.65			4.825	4.945	4.825	4.945
			52T	41	24.94	24.19	24.00	24.00	10.68	10.69	10.68	10.69			5.078	5.183	5.078	5.183
				44	21.08	21.70	24.00	24.00	10.71	10.64	10.71	10.64			5.263	4.921	5.263	4.921
EHT80 (FCC)	5530	106	SU	--	84.99	84.29	24.00	24.00	15.48	15.40	15.48	15.40	11.00	11.00	0.075	-0.269	0.225	-0.119
			484T	65	46.92	46.47	24.00	24.00	15.45	15.38	15.45	15.38			1.478	1.095	1.478	1.095
				66	56.18	54.42	24.00	24.00	15.47	15.40	15.47	15.40			1.571	1.279	1.571	1.279
	5610	122	SU	--	81.21	83.94	24.00	24.00	20.45	20.47	20.45	20.47			4.108	4.226	4.258	4.376
			484T	65	44.35	45.95	24.00	24.00	20.37	20.30	20.37	20.30			6.820	6.578	6.820	6.578
				66	54.48	54.10	24.00	24.00	20.49	20.41	20.49	20.41			6.873	6.822	6.822	6.822
	5690 (Straddle)	138	SU	--	81.72	82.24	24.00	24.00	20.41	20.48	20.41	20.48			4.161	3.809	4.311	3.959
			484T	65	46.38	48.03	24.00	24.00	18.85	18.90	18.85	18.90			4.902	4.912	4.902	4.912
				66	53.32	50.30	24.00	24.00	18.99	18.95	18.99	18.95			5.157	5.060	5.157	5.060
EHT160 (FCC)	5570	106	SU	--	163.20	165.10	24.00	24.00	15.90	15.95	15.90	15.95	11.00	11.00	-3.698	-3.646	-3.548	-3.496
			242T	61	27.43	28.48	24.00	24.00	17.80	17.94	17.80	17.94			6.254	6.760	6.254	6.760
				62	32.89	30.66	24.00	24.00	17.96	17.90	17.96	17.90			6.761	6.615	6.761	6.615
				564	30.33	26.85	24.00	24.00	17.78	17.85	17.78	17.85			6.106	6.411	6.106	6.411



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	106T	SU	242T	52T	SU	484T	SU	242T			
DCCF (MCS0) (dB)		0.00	0.00	0.13	0.00	0.00	0.15	0.00	0.15	0.00			
Un-Correlated Gain (dBi)		-1.46											
Correlated Gain (dBi)		1.48											
											Straddle Channel		
											Un-Corr. Gain (dBi)	-1.12	
											Corr. Gain (dBi)	1.82	

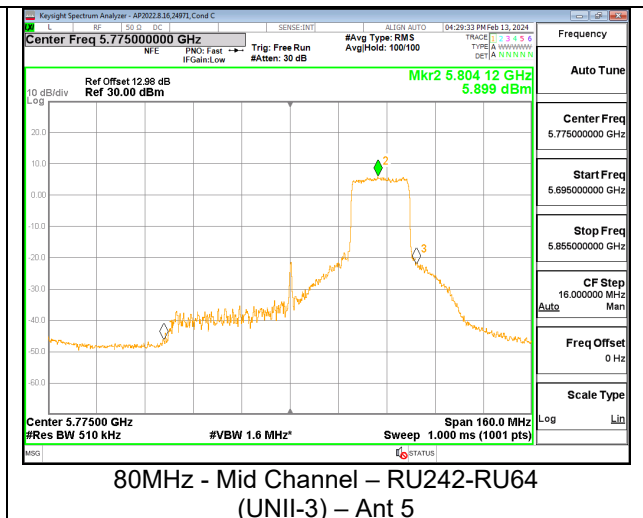
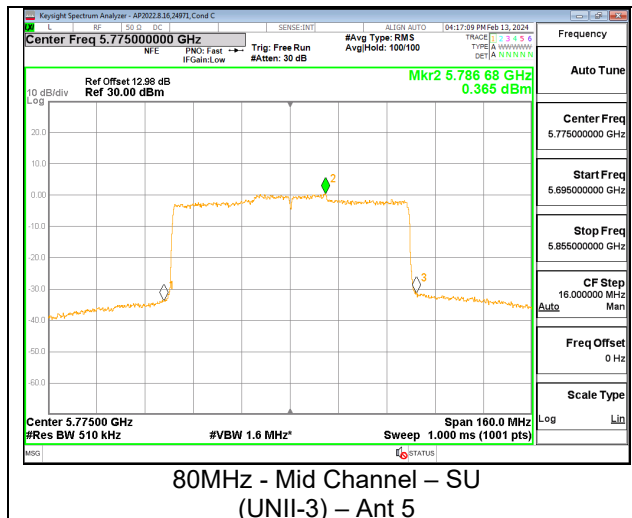
UNII-2c (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 6	Ant 5			Ant 6	Ant 5	
EHT20 (FCC)	5500	100	SU	--	21.12	24.00	16.96	16.94	19.96	11.00	6.208	6.169	9.199
			106T	53	19.54	23.91	14.85	14.97	17.92		6.495	6.886	9.705
				54	19.94	24.00	14.87	14.90	17.90		6.498	6.544	9.531
	5580	116	SU	--	20.91	24.00	16.99	16.90	19.96		6.396	6.004	9.215
			106T	53	20.05	24.00	14.86	14.82	17.85		6.295	6.223	9.269
				54	19.98	24.00	14.90	14.95	17.94		6.349	6.583	9.478
	5700	140	SU	--	22.68	24.00	16.40	16.46	19.44		5.210	5.321	8.276
			106T	53	19.68	23.94	14.96	14.90	17.94		6.543	6.447	9.506
				54	19.92	23.99	14.81	14.92	17.88		6.380	6.470	9.436
	5720 (Straddle)	144	SU	--	15.43	22.88	16.98	16.88	19.94		6.366	6.036	9.214
			106T	53	15.02	22.77	14.93	14.96	17.96		6.382	6.658	9.532
				54	14.95	22.75	14.87	14.91	17.90		6.426	6.598	9.523
EHT40 (FCC)	5510	102	SU	--	41.34	24.00	15.44	15.47	18.47	11.00	1.783	1.841	4.952
			242T	61	29.26	24.00	16.95	16.98	19.98		5.013	5.132	8.083
				62	27.29	24.00	16.90	16.88	19.90		4.963	4.861	7.923
			52T	37	19.54	23.91	10.68	10.63	13.67		5.211	5.114	8.173
				41	22.25	24.00	10.73	10.70	13.73		5.298	5.293	8.306
	5550	110		44	19.65	23.93	10.65	10.60	13.64		5.172	4.885	8.041
			SU	--	41.08	24.00	19.90	19.94	22.93		5.910	5.971	9.081
			242T	61	29.56	24.00	16.90	16.87	19.90		4.751	4.707	7.739
				62	27.57	24.00	16.93	16.82	19.89		4.754	4.683	7.729
			52T	37	19.60	23.92	10.61	10.71	13.67		4.718	4.946	7.844
	5670	134		41	21.95	24.00	10.74	10.65	13.71		4.981	4.723	7.864
				44	19.48	23.90	10.70	10.68	13.70		4.826	4.758	7.802
			SU	--	41.84	24.00	18.43	18.32	21.39		4.179	3.880	7.172
			242T	61	29.03	24.00	16.90	16.99	19.96		5.058	5.399	8.242
				62	27.67	24.00	16.82	16.86	19.85		5.034	5.200	8.128
	5710 (Straddle)	142	52T	37	19.76	23.96	10.72	10.65	13.70		5.230	4.958	8.106
				41	22.60	24.00	10.70	10.68	13.70		5.050	5.006	8.038
				44	19.66	23.94	10.63	10.61	13.63		4.956	4.990	7.983
			SU	--	40.97	24.00	19.90	19.94	22.93		6.302	6.306	9.444
			242T	61	26.77	24.00	15.41	15.36	18.40		3.676	3.418	6.559
EHT80 (FCC)	5530	106		62	26.98	24.00	15.45	15.47	18.47	11.00	3.690	3.827	6.769
			484T	65	38.35	24.00	14.93	14.89	17.92		4.873	4.924	7.909
				66	45.61	24.00	14.95	14.97	17.97		5.425	5.161	8.305
	5610	122	SU	--	84.53	24.00	19.98	19.87	22.94		5.353	5.428	8.401
			484T	65	50.06	24.00	19.97	19.86	22.93		-1.458	-0.957	1.960
				66	52.55	24.00	19.91	19.82	22.88		1.139	1.107	4.133
	5690 (Straddle)	138	SU	--	81.18	24.00	19.78	19.81	22.81		1.190	1.237	4.224
			484T	65	46.99	24.00	18.39	18.35	21.38		3.522	3.247	6.547
				66	48.79	24.00	18.44	18.46	21.46		6.223	6.177	9.210
EHT160 (FCC)	5570	106									6.188	6.133	9.171
											2.616	2.822	5.881
											4.688	4.611	7.660
											4.730	4.861	7.806
			SU	--	162.70	24.00	15.48	15.38	18.44	11.00	-3.834	-4.093	-0.801
			242T	61	25.27	24.00	16.99	16.95	19.98		4.983	4.817	7.911
				62	30.66	24.00	16.88	16.83	19.87		5.069	5.104	8.097
			S64	24.52	24.00	16.80	16.92	19.87			5.101	5.216	8.169



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

UNII-3 (SISO)	20MHz		40MHz		80MHz		160MHz	
	SU	106T	SU	106T	SU	242T	SU	Partial RU
DCCF (MCS0) (dB)	0.00	0.00	0.13	0.00	0.15	0.00	N/A	
Ant 6 (dBi)	-0.20							
Ant 5 (dBi)	-2.30							

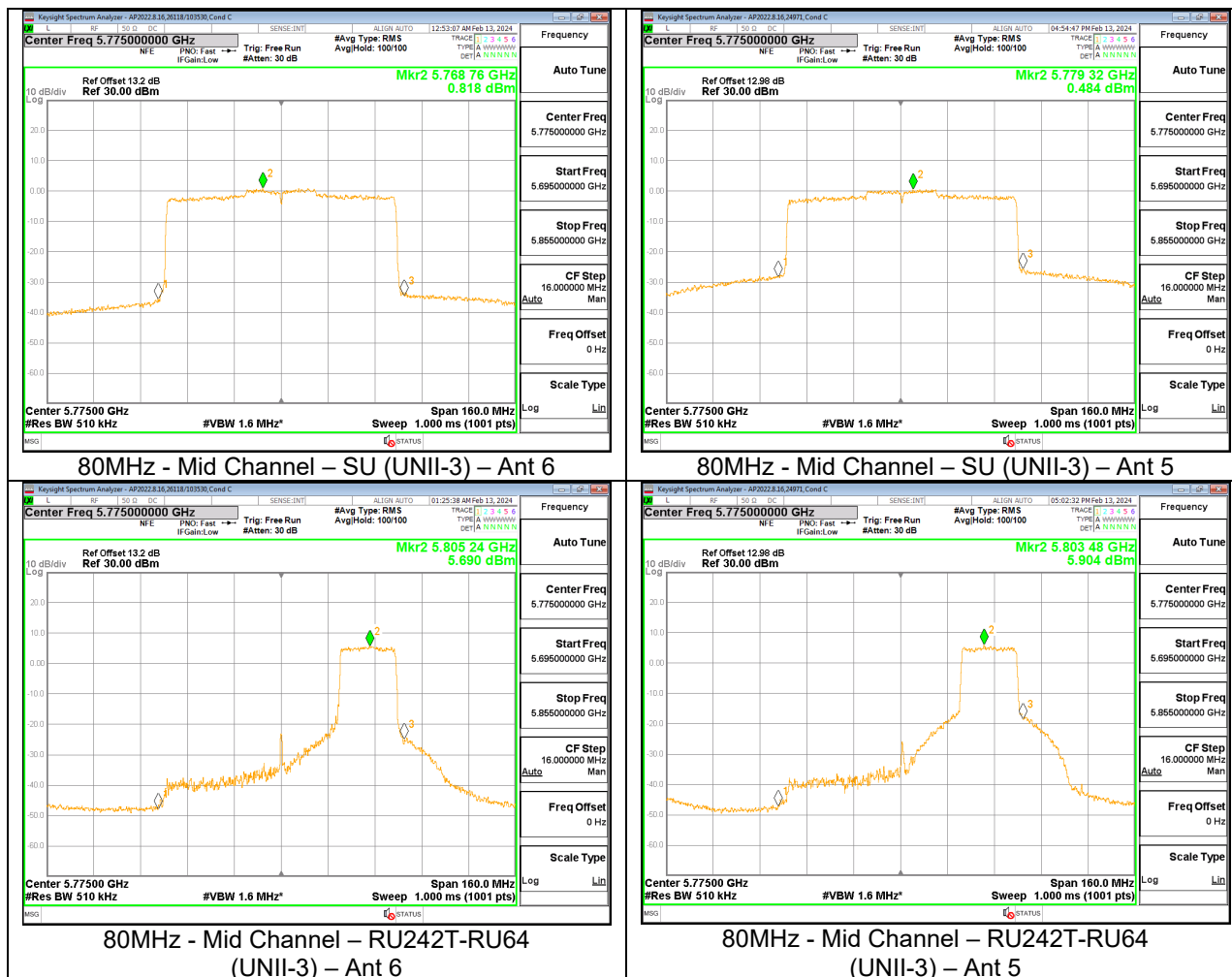
UNII-3 (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/500kHz)		Total Corrected PSD (dBm/500kHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
EHT20	5745	149	SU	--	--	30	30	30	20.43	20.49	20.43	20.49	30	30	7.339	7.378	7.339	7.378
			106T	53					16.68	16.71	16.68	16.71			6.032	6.095	6.032	6.095
				54					16.74	16.62	16.74	16.62			6.081	5.758	6.081	5.758
			SU	--					20.34	20.30	20.34	20.30			7.214	7.191	7.214	7.191
	5785	157	106T	53					16.70	16.68	16.70	16.68			6.026	5.965	6.026	5.965
				54					16.65	16.62	16.65	16.62			5.820	5.769	5.820	5.769
			SU	--					20.37	20.40	20.37	20.40			7.231	7.325	7.231	7.325
			106T	53					16.69	16.60	16.69	16.60			5.732	5.619	5.732	5.619
	5825	165		54					16.67	16.63	16.67	16.63			5.713	5.639	5.713	5.639
			SU	--					20.42	20.47	20.42	20.47			4.838	4.887	4.968	5.017
		151	106T	53					13.68	13.73	13.68	13.73			3.204	3.378	3.204	3.378
				54					13.71	13.65	13.71	13.65			3.219	2.979	3.219	2.979
EHT40	5755	151	106T	56					13.60	13.67	13.60	13.67			2.730	3.024	2.730	3.024
			SU	--					20.32	20.38	20.32	20.38			4.453	4.531	4.583	4.661
	5795	159	106T	53					13.71	13.70	13.71	13.70			3.154	3.116	3.154	3.116
				54					13.74	13.68	13.74	13.68			3.355	2.954	3.355	2.954
			106T	56					13.63	16.61	13.63	16.61			2.921	2.744	2.921	2.744
EHT80	5775	155	SU	--					20.43	20.38	20.43	20.38	30	30	0.454	0.365	0.604	0.515
			242T	61					20.33	20.28	20.33	20.28			4.999	4.593	4.999	4.593
				62					20.39	20.36	20.39	20.36			5.569	5.214	5.569	5.214
				64					20.41	20.46	20.41	20.46			5.680	5.899	5.680	5.899



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

UNII-3 (MIMO CDD)	20MHz		40MHz		80MHz		160MHz	
	SU	106T	SU	106T	SU	242T	SU	Partial RU
DCCF (MCS0) (dB)	0.00	0.00	0.13	0.00	0.15	0.00	N/A	
Un-Correlated Gain (dBi)	-1.12							
Correlated Gain (dBi)	1.82							

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	20.45	20.48	23.48	30	7.175	7.454	10.327
			106T	53			16.69	16.73	19.72		5.832	5.891	8.872
				54			16.71	16.65	19.69		5.849	5.617	8.745
	5785	157	SU	--			20.49	20.37	23.44		7.776	7.543	10.671
			106T	53			16.63	16.67	19.66		5.793	5.908	8.861
				54			16.74	16.72	19.74		6.151	6.107	9.139
	5825	165	SU	--			20.34	20.43	23.40		7.539	7.751	10.657
			106T	53			16.70	16.72	19.72		5.609	5.721	8.676
				54			16.61	16.65	19.64		5.480	5.555	8.528
	5755	151	SU	--			20.46	20.39	23.44		4.600	4.241	7.565
				53			13.71	13.69	16.71		3.425	3.347	6.396
			106T	54			13.60	13.64	16.63		2.927	2.945	5.946
				56			13.65	13.67	16.67		3.038	3.218	6.139
			SU	--			20.49	20.47	23.49		4.994	4.703	7.991
				53			13.68	13.65	16.68		2.923	2.818	5.881
EHT40	5795	159	106T	54			13.71	13.73	16.73		3.393	3.443	6.428
				56			13.62	13.70	16.67		2.790	3.183	6.001
			SU	--			20.47	20.36	23.43		0.818	0.484	3.815
				61			20.40	20.35	23.39		5.293	4.940	8.130
				62			20.38	20.45	23.43		5.173	5.323	8.259
				64			20.47	20.49	23.49		5.690	5.904	8.809
	5775	155	242T	--									



END OF TEST REPORT