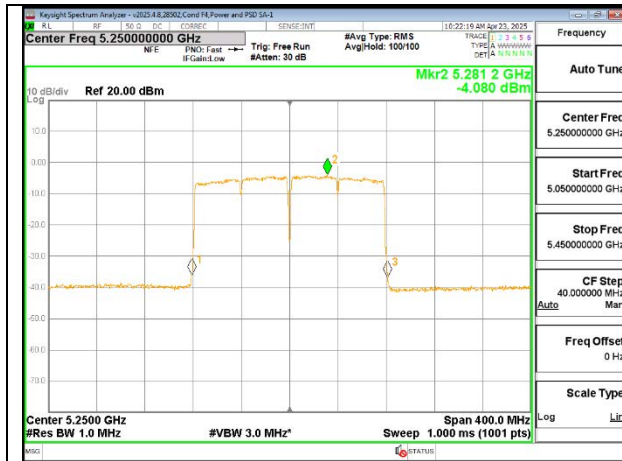
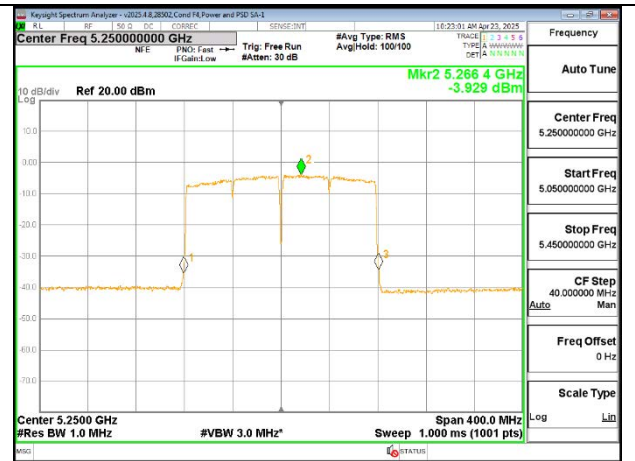




160MHz - Mid Channel (UNII-1) – ANT 6



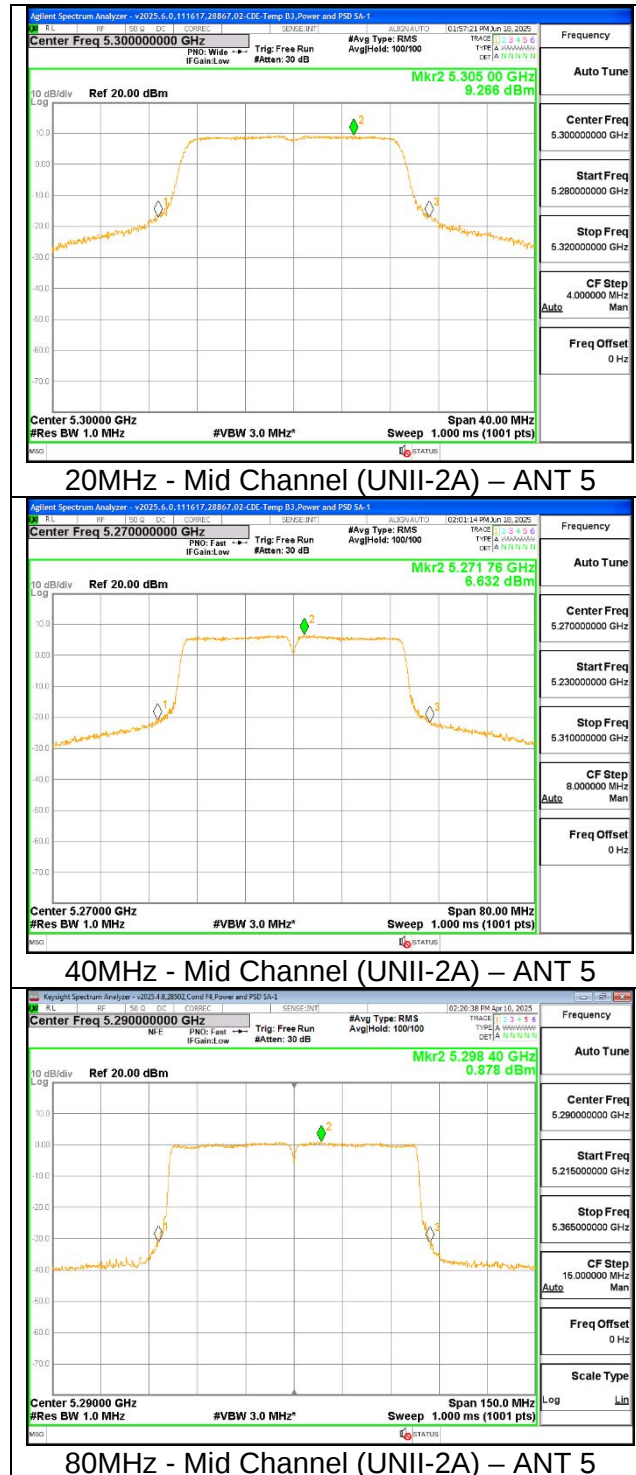
160MHz - Mid Channel (UNII-1) – ANT 5

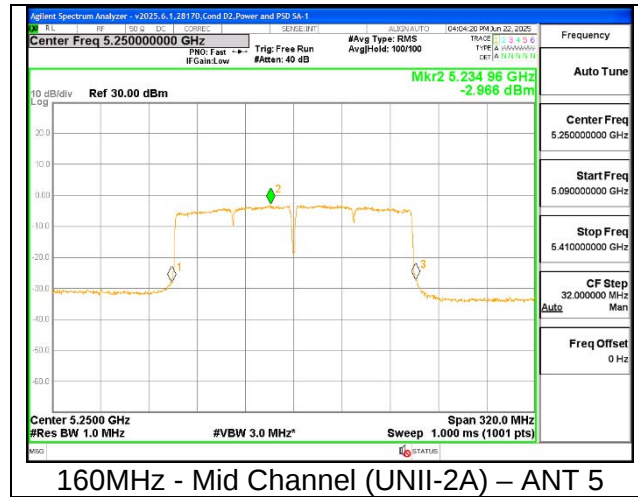
9.5.3. 802.11n/ac SISO MODE IN THE UNII-2A BAND

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)	-6.20

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



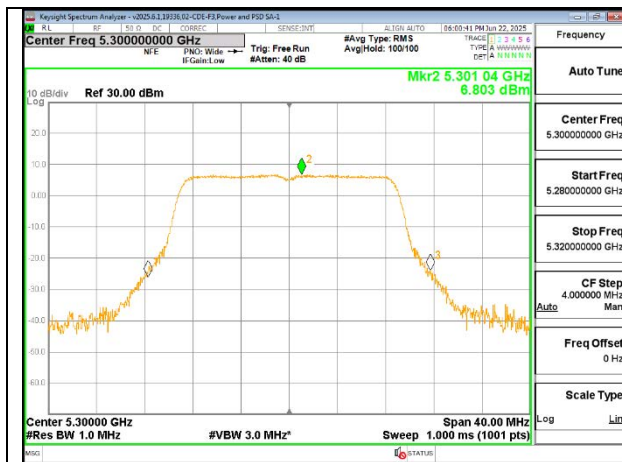


9.5.4. 802.11n/ac MIMO CDD MODE IN THE UNII-2A BAND

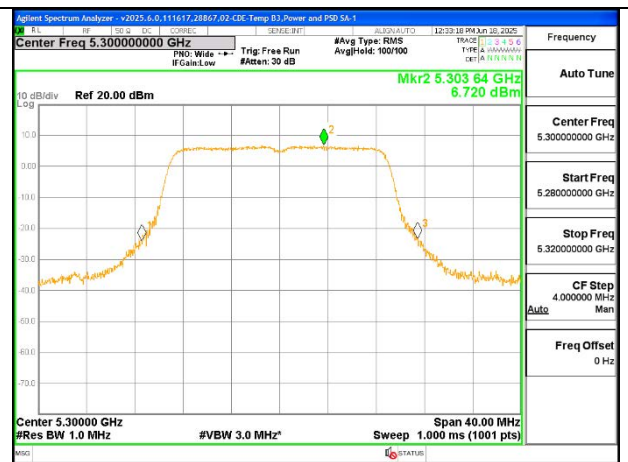
UNII-2A (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.11	0.22	0.24	0.41
Un-Correlated Gain (dBi)	-3.67			
Correlated Gain (dBi)	-0.91			

UNII-1 (MIMO CDD)	
Straddle Channel	
Un-Correlated Gain (dBi)	-4.24
Correlated Gain (dBi)	-1.38

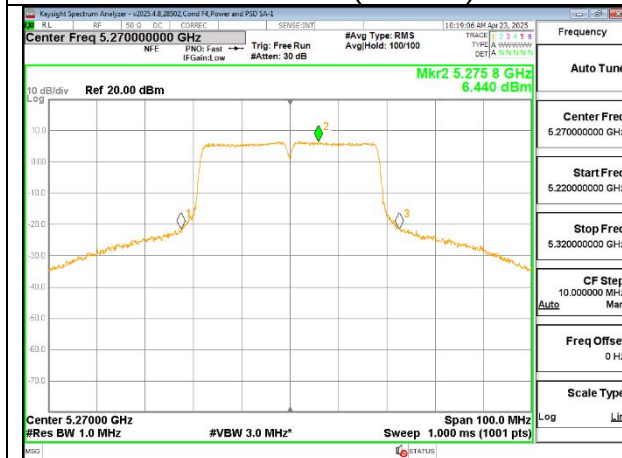
UNII-2a (MIMO SDM)	Freq (MHz)	Ch. #	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
					Ant 6	Ant 5			Ant 6	Ant 5	
HT20 (FCC)	5260	52	22.04	24.00	18.32	18.38	21.36	11.00	6.664	6.749	9.827
	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



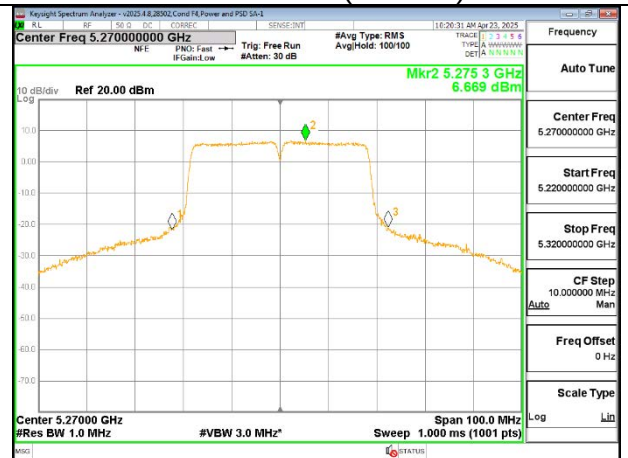
20MHz - Mid Channel (UNII-2A) – ANT 6



20MHz - Mid Channel (UNII-2A) – ANT 5



40MHz - Mid Channel (UNII-2A) – ANT 6



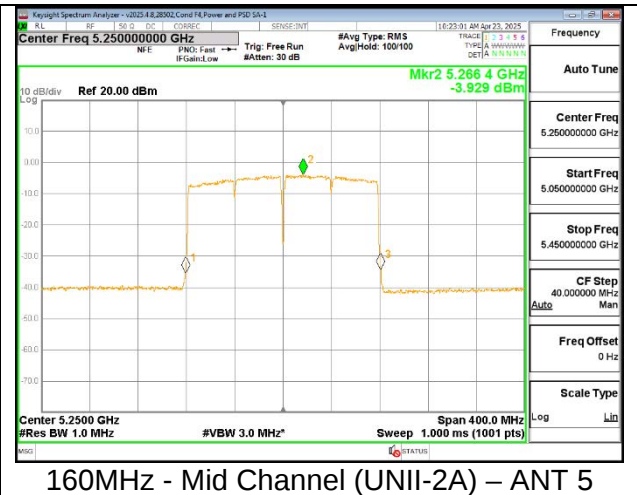
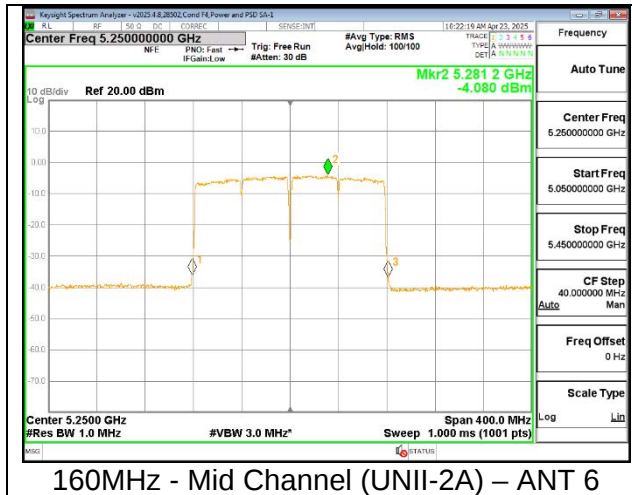
40MHz - Mid Channel (UNII-2A) – ANT 5



80MHz - Mid Channel (UNII-2A) – ANT 6



80MHz - Mid Channel (UNII-2A) – ANT 5

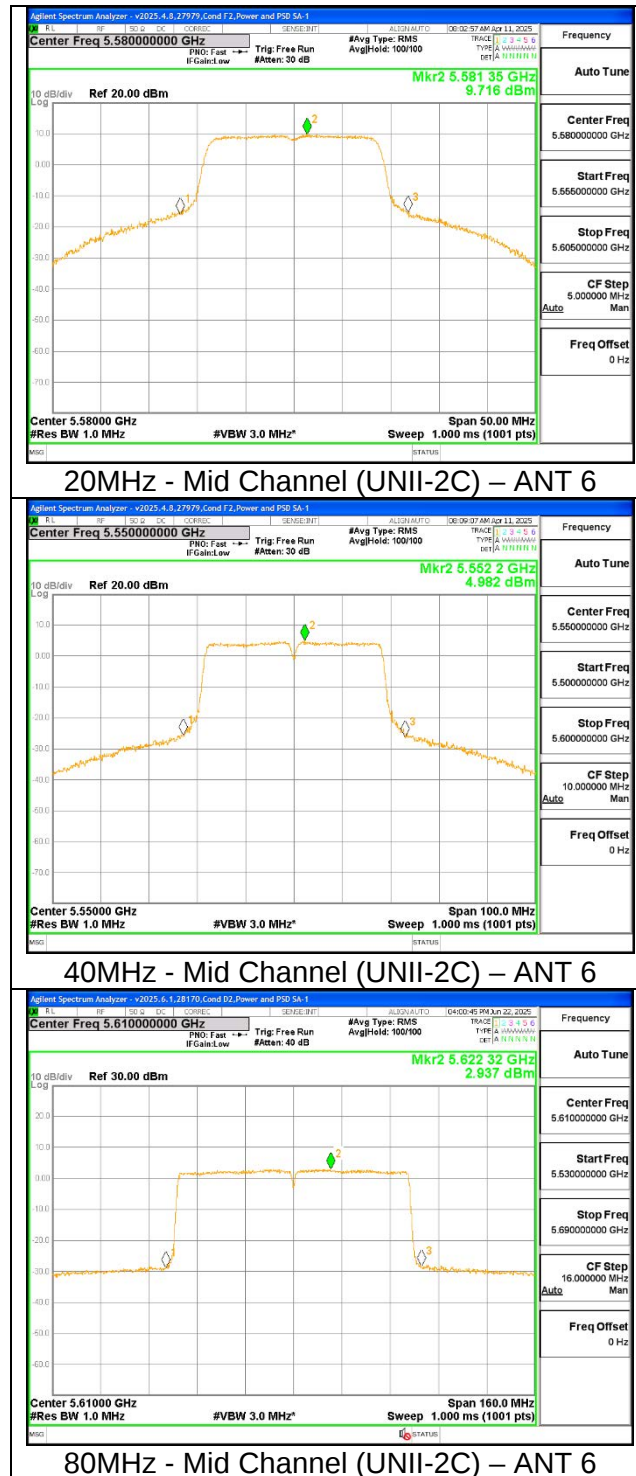


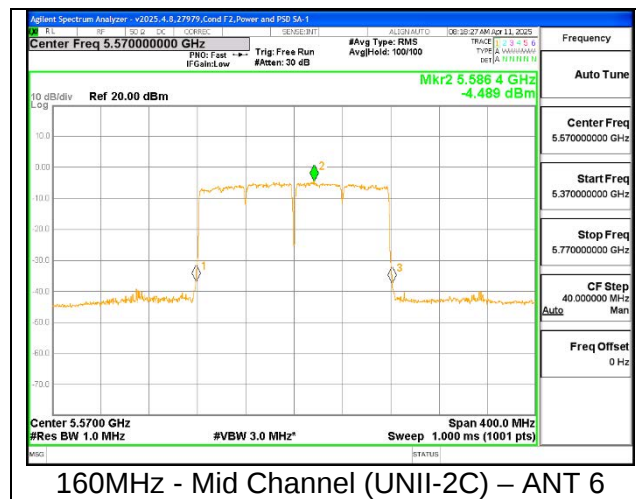
9.5.5. 802.11n/ac SISO MODE IN THE UNII-2C BAND

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)	-5.10			

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



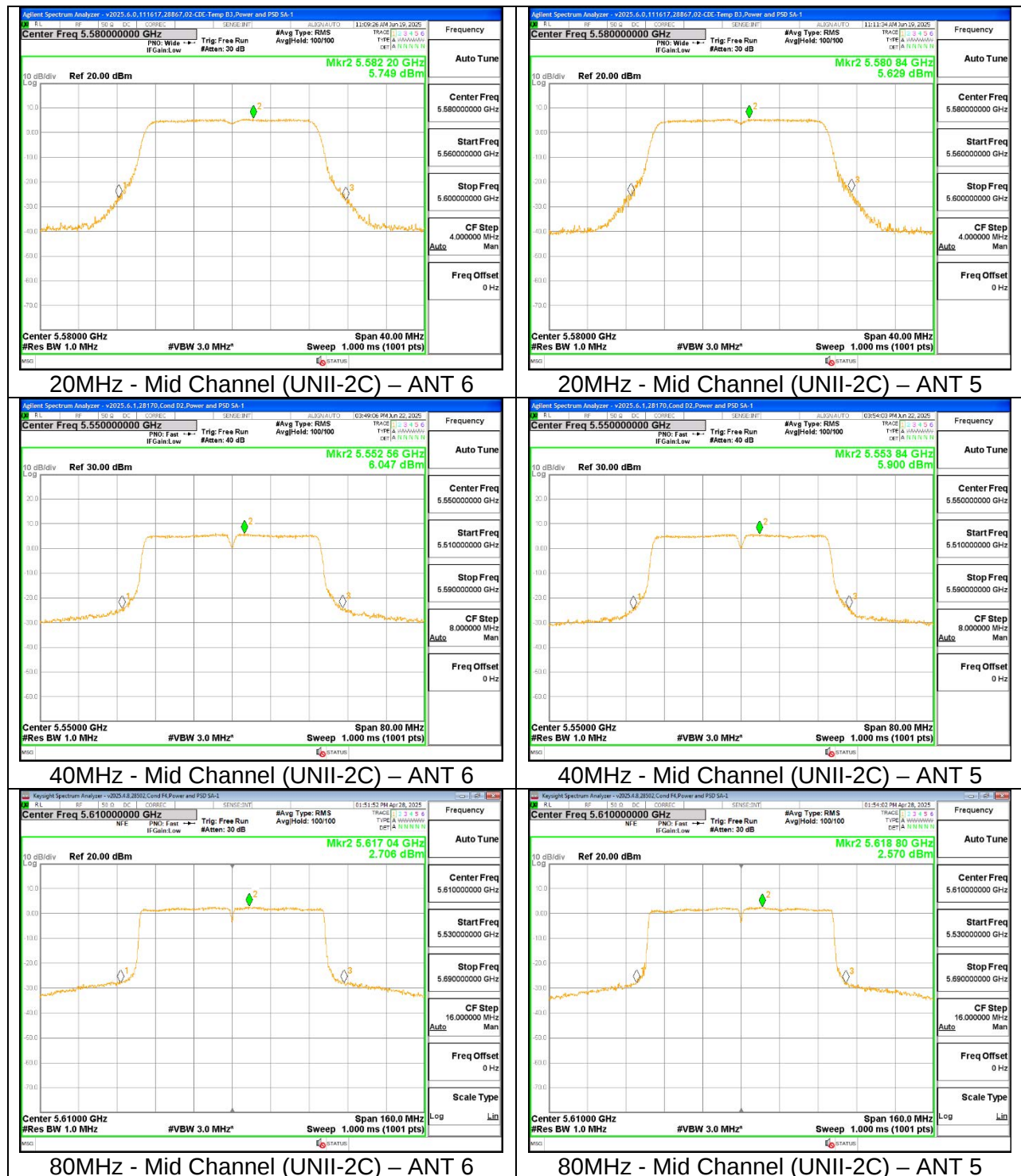


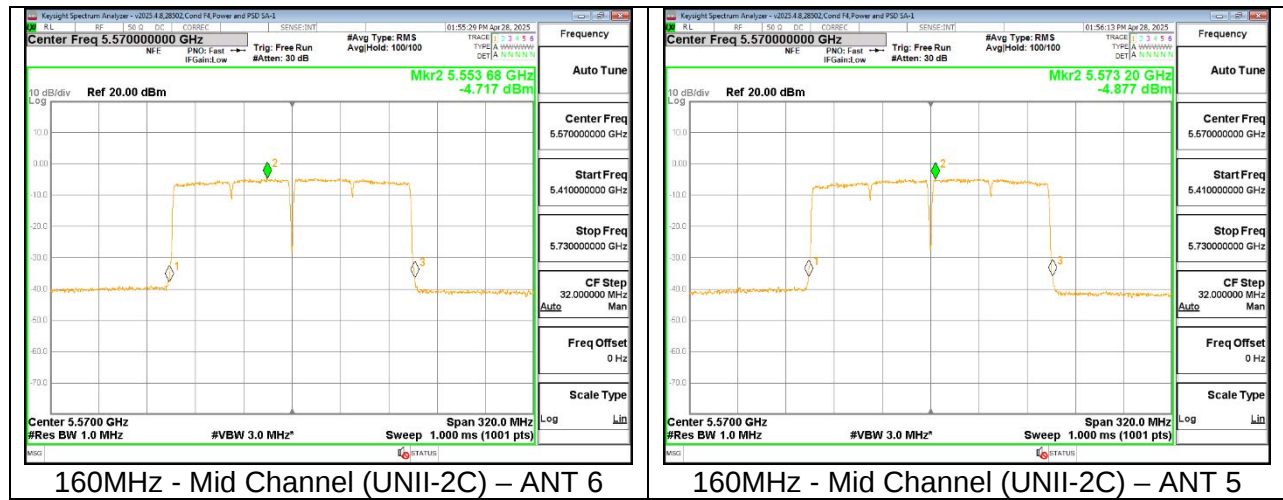
9.5.6. 802.11n/ac MIMO CDD MODE IN THE UNII-2C BAND

UNII-2C (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.11	0.22	0.24	0.41
Un-Correlated Gain (dBi)	-1.22			
Correlated Gain (dBi)	1.35			

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

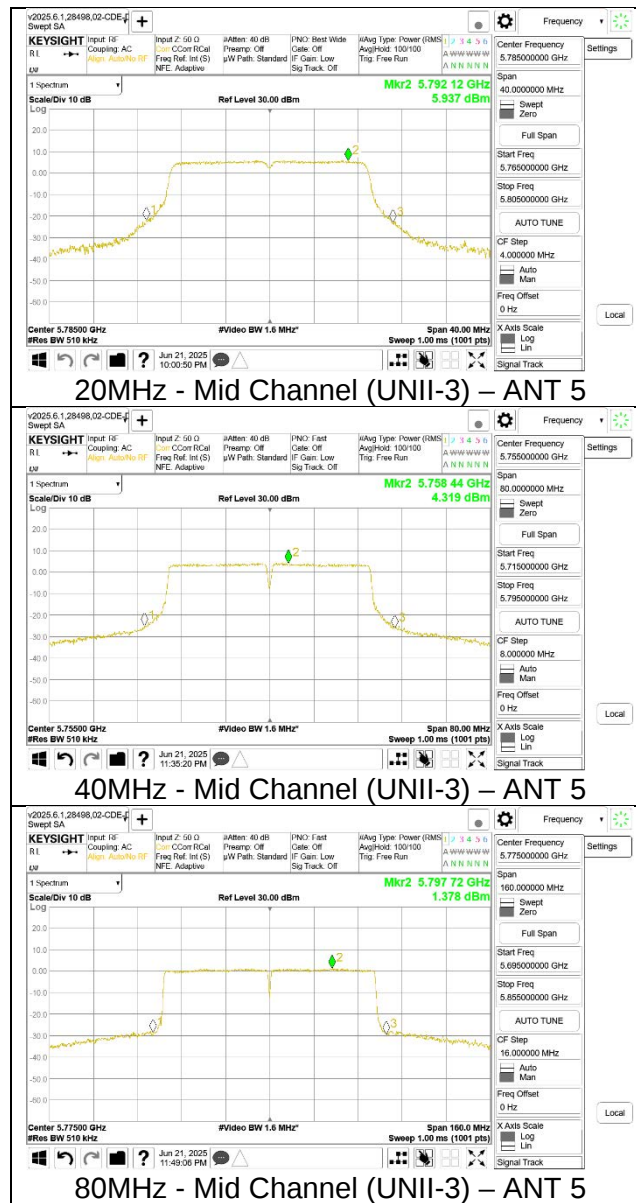




9.5.7. 802.11n/ac SISO MODE IN THE UNII-3 BAND

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			

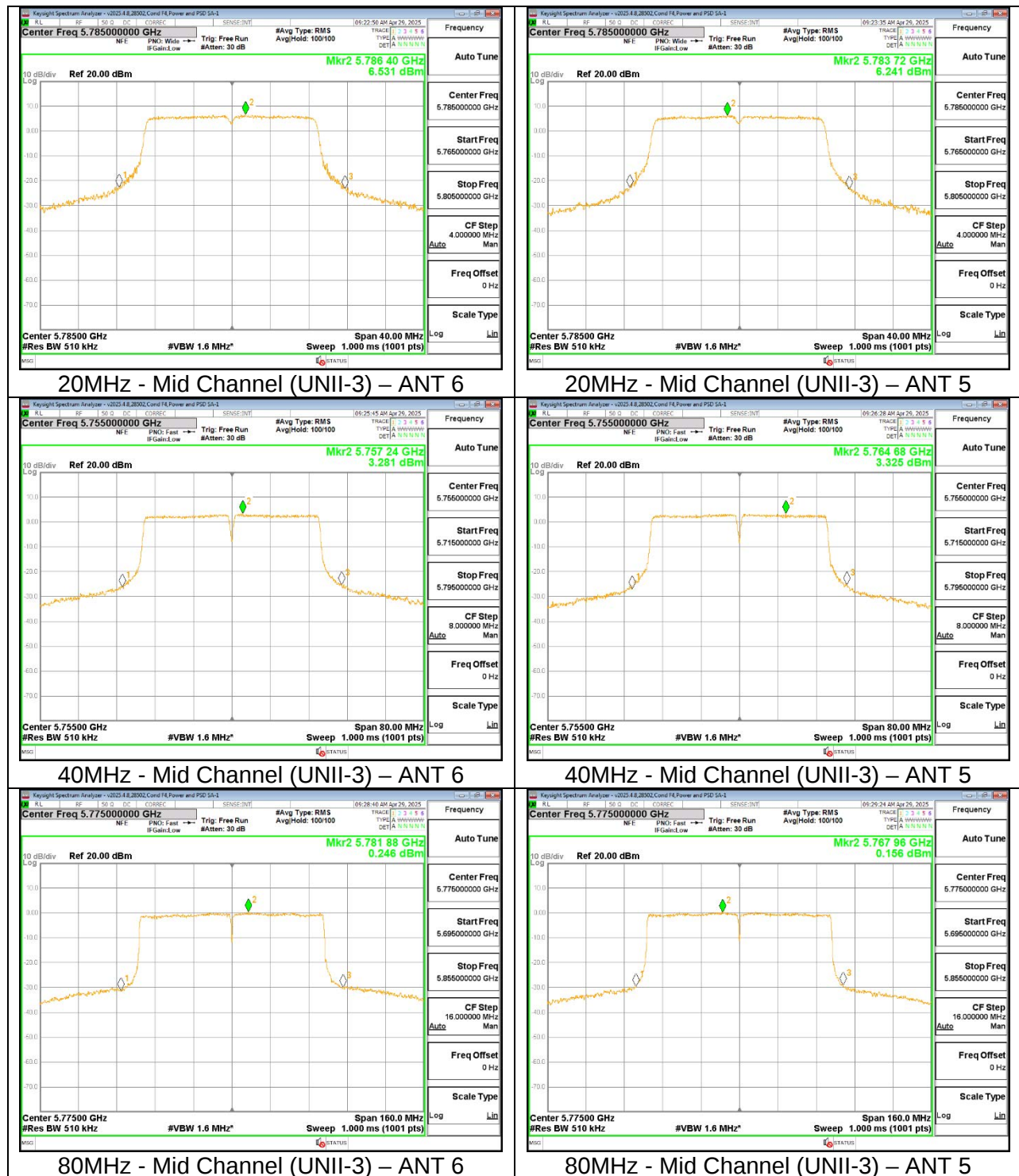
UNII-3 (SISO)	Freq (MHz)	Ch. #	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/500kHz)	
			Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
HT20	5745	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

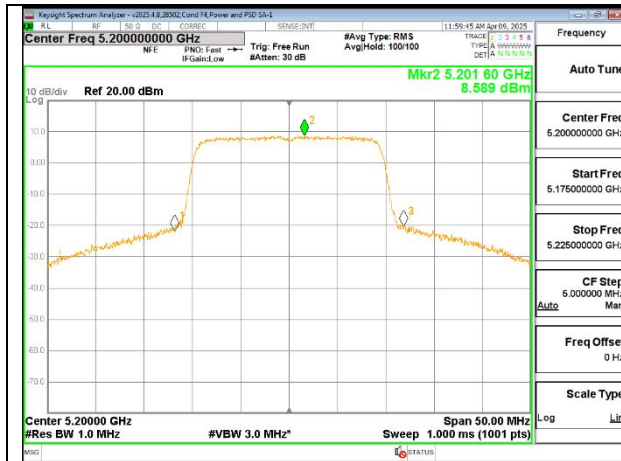


9.5.9. 802.11be SISO MODE IN THE UNII-1 BAND

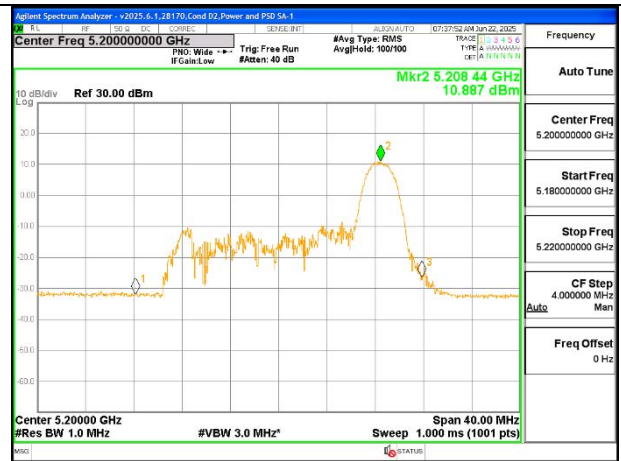
UNII-1 (SISO)		20MHz		40MHz			80MHz		160MHz		UNII-2A (SISO)	
		SU	26T	SU	26T	242T	SU	242T	SU	242T		
DCCF (MCS0) (dB)		0.13	0.10	0.24	0.00	0.00	0.42	0.00	0.62	0.00		
Ant 6 (dBi)		-2.90										
Ant 5 (dBi)		-6.20										

Straddle Channel	
Ant 6 (dBi)	-2.00
Ant 5 (dBi)	-6.40

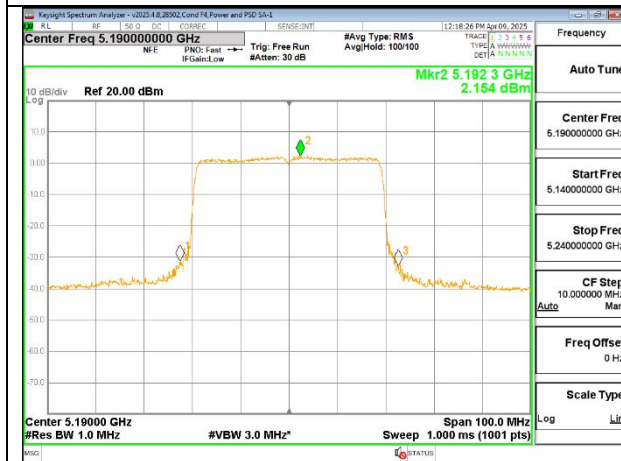
UNII-1 (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)				
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 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					
			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						
	5200	40	0	12.32				12.41	12.32	12.21	10.478			9.765	10.578	9.865					
			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				
	5240	48	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					
SU			--	16.47				16.40	16.47	16.40	2.154			2.334	2.394	2.574					
EHT40 (FCC)	5190	38	0	12.24				12.28	12.24	12.28	10.282			10.256	10.382	10.256					
			9	12.27				12.25	12.27	12.25	10.219			9.897	10.219	9.897					
			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					
	5230	46	SU	--				24.00	24.00	19.92	20.43			19.92	20.43	11.00	11.00	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	
			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	
			SU	--						16.85	16.98			16.85	16.98			-0.237	0.478	0.183	0.898
			61	17.96						17.77	17.96			17.77	6.129			6.455	6.129	6.455	
EHT80 (FCC)	5210	42	242T	--				24.00	24.00	15.95	15.94			15.95	15.94	11.00	11.00	-3.342	-2.632	-2.722	-2.012
			61	17.96						17.87	17.96			17.87	6.958			6.988	6.958	6.988	
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
			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



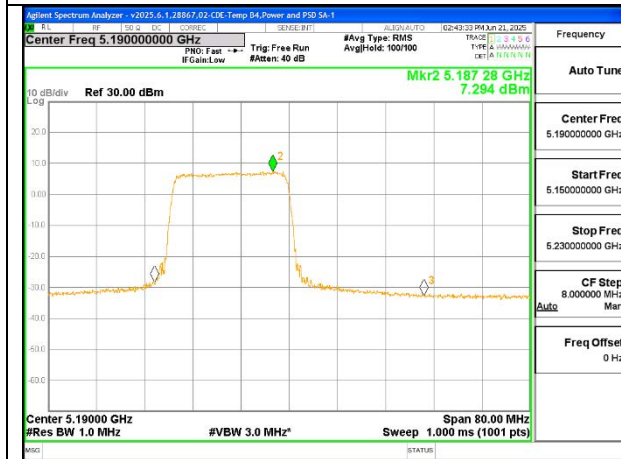
20MHz - Mid Channel – 26T RU8 (UNII-1) – ANT 6 (FCC)



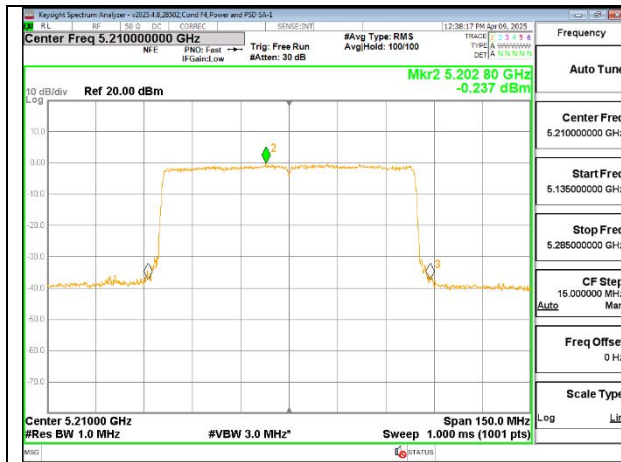
40MHz - Mid Channel – SU (UNII-1) – ANT 6



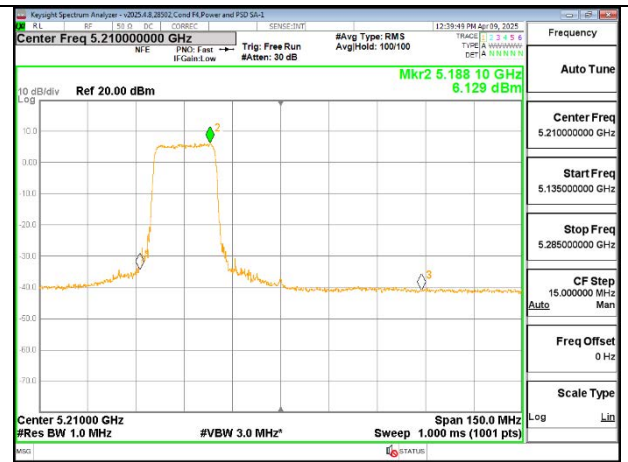
40MHz - Mid Channel – 26T RU17 (UNII-1) – ANT 6



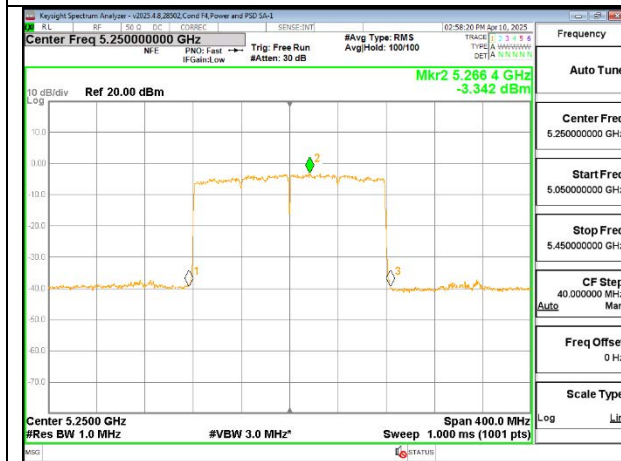
40MHz - Mid Channel – 242T RU61 (UNII-1) – ANT 6



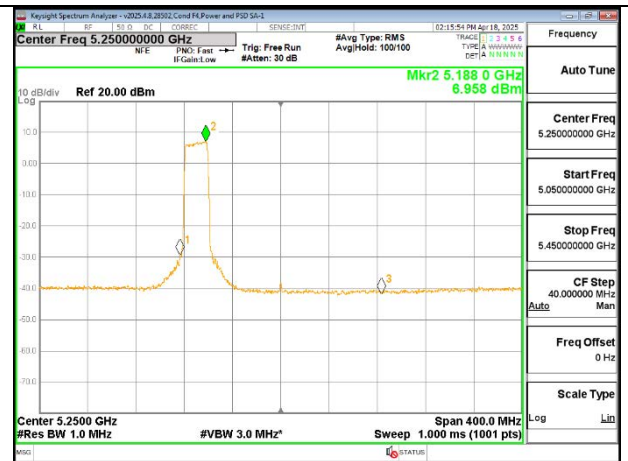
80MHz - Mid Channel – SU (UNII-1) – ANT 6



80MHz - Mid Channel – 242T RU64 (UNII-1) – ANT 6



160MHz - Mid Channel – SU (UNII-1) – ANT 6



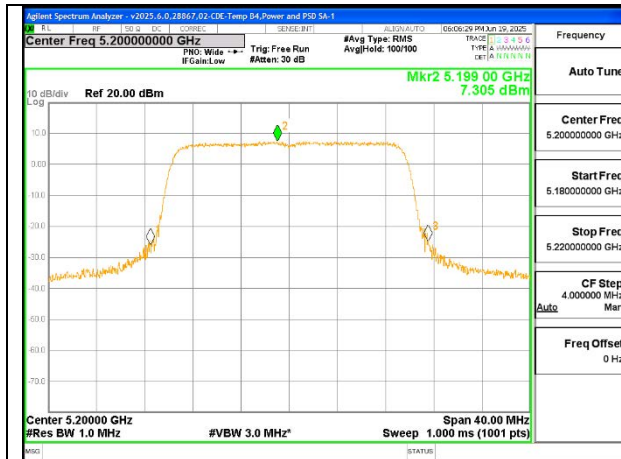
160MHz - Mid Channel – 242T RU61 (UNII-1) – ANT 6

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)	-4.24								
Correlated Gain (dBi)	-1.38								

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

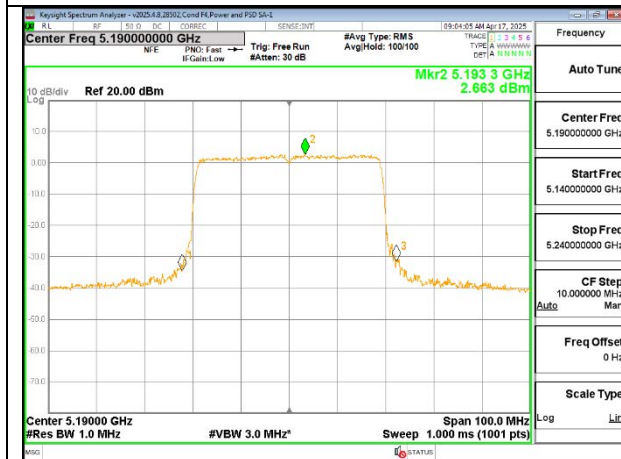
UNII-2a (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 6	Ant 5			Ant 6	Ant 5	
EHT20 (FCC)	5180	36	SU	--	--	24	17.45	17.40	20.44	11	6.865	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
			26T	4			9.20	9.22	12.22		7.564	7.576	10.680
				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
			26T	4			9.02	9.05	12.05		7.736	7.833	10.895
				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
				--			19.98	19.90	22.95		6.829	6.708	10.019
			SU	--			9.02	9.04	12.04		7.321	7.069	10.207
				0			9.05	9.06	12.07		7.046	7.246	10.157
			26T	4			9.03	9.02	12.04		7.208	7.305	10.267
				8			18.41	18.42	21.43		6.487	7.383	9.968
			242T	61			18.44	18.49	21.48		5.935	7.307	9.685
				62			15.89	15.95	18.93		-0.496	-0.199	3.085
EHT80 (FCC)	5210	42	SU	--	--	24	16.97	16.97	19.98	11	6.282	5.859	9.086
			242T	61									
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



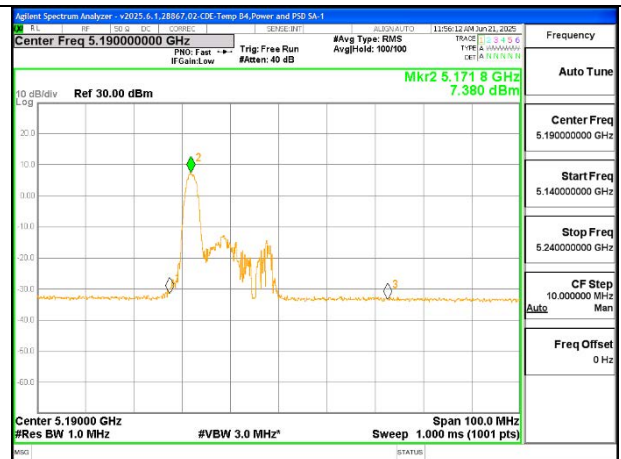
20MHz - Mid Channel – SU (UNII-1) – ANT 5



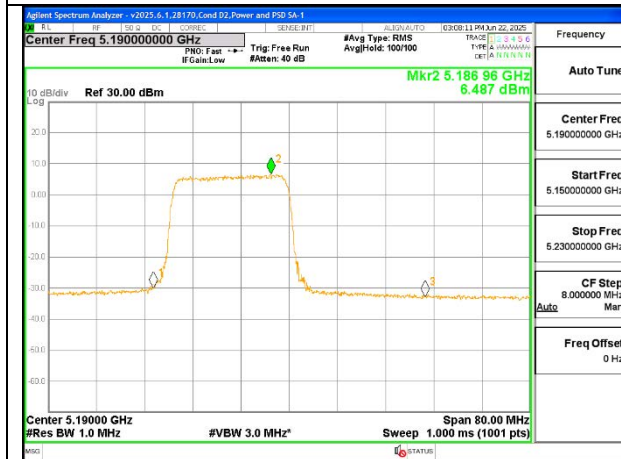
20MHz - Mid Channel – 26T RU0 (UNII-1) – ANT 5



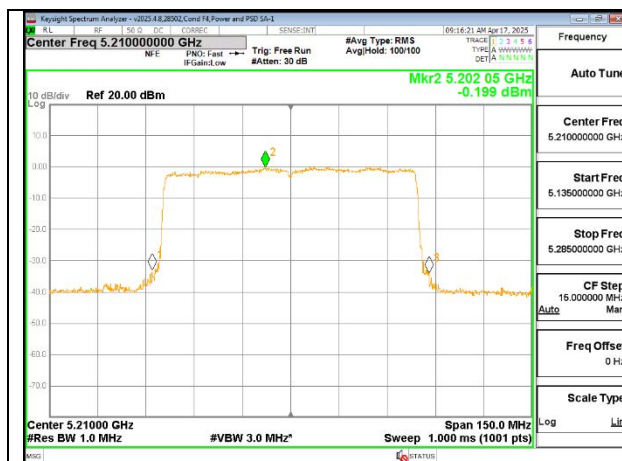
40MHz - Mid Channel – SU (UNII-1) – ANT 5



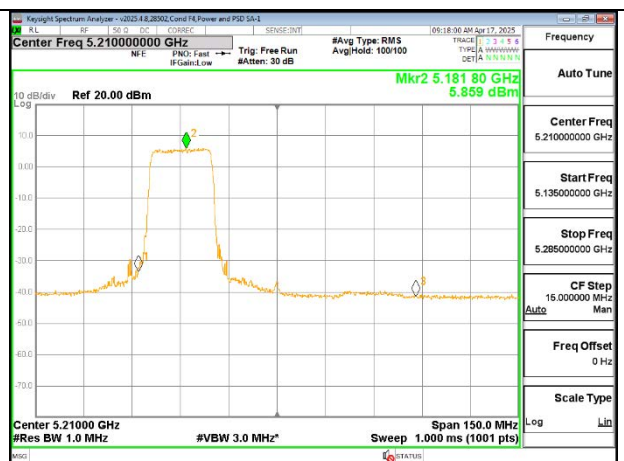
40MHz - Mid Channel – 26T RU0 (UNII-1) – ANT 5



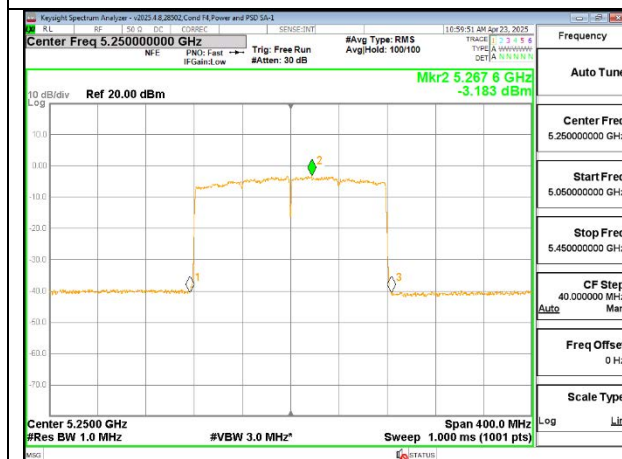
40MHz - Mid Channel – 242T RU61 (UNII-1) – ANT 5



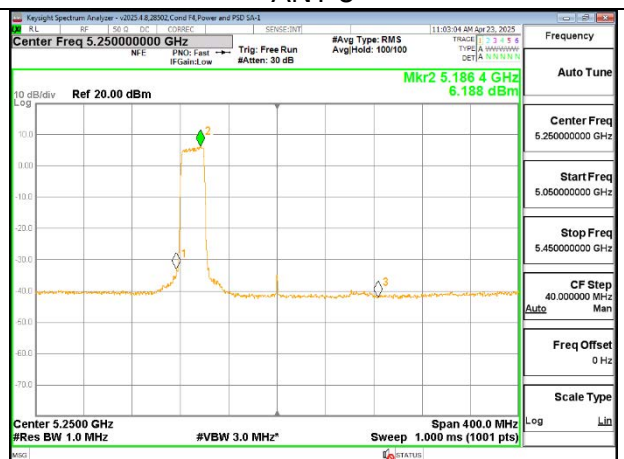
80MHz - Mid Channel – SU (UNII-1) – ANT 5



80MHz - Mid Channel – 242T RU61 (UNII-1) – ANT 5



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



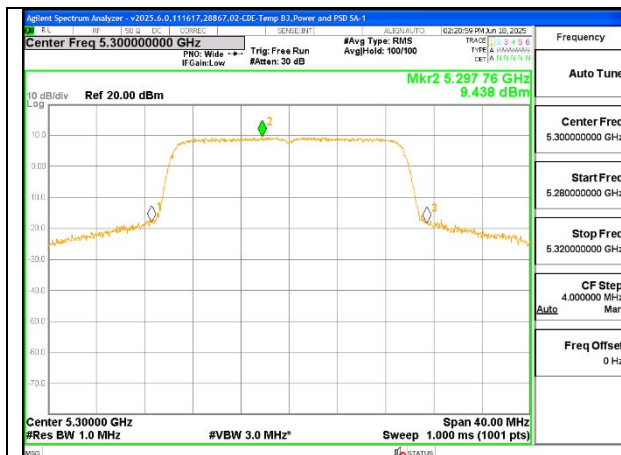
160MHz - Mid Channel – 242T RU61 (UNII-1) – ANT 5

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

UNII-2A (SISO)	20MHz		40MHz		80MHz		160MHz	
	SU	52T	SU	242T	SU	242T	SU	242T
DCCF (MCS0) (dB)	0.13	0.00	0.24	0.00	0.42	0.00	0.62	0.00
Ant 6 (dBi)	-2.00							
Ant 5 (dBi)	-6.40							

UNII-1 (SISO)	
Straddle Channel	
Ant 6 (dBi)	-2.90
Ant 5 (dBi)	-6.20

UNII-2a (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
EHT20 (FCC)	5260	52	SU	--	19.04	19.00	23.80	23.79	19.96	20.43	19.96	20.43	11.00	11.00	9.136	9.532	9.266	9.662
				37	18.36	18.21	23.64	23.60	14.95	15.09	14.95	15.09			10.658	10.829	10.658	10.829
			52T	38	16.92	16.80	23.28	23.25	14.86	15.08	14.86	15.08			10.443	10.705	10.443	10.705
				40	18.25	18.19	23.61	23.60	14.87	15.04	14.87	15.04			10.430	10.520	10.430	10.520
	5300	60	SU	--	19.05	19.02	23.80	23.79	19.80	20.49	19.80	20.49			8.989	9.438	9.119	9.568
				37	18.38	18.06	23.64	23.57	14.94	15.08	14.94	15.08			10.815	10.305	10.815	10.305
			52T	38	16.93	16.78	23.29	23.25	15.03	15.09	15.03	15.09			10.430	10.402	10.430	10.402
				40	18.22	18.13	23.61	23.58	15.01	15.07	15.01	15.07			10.815	10.361	10.815	10.361
	5320	64	SU	--	19.06	19.01	23.80	23.79	18.40	18.47	18.40	18.47			7.589	7.164	7.719	7.294
				37	18.38	18.21	23.64	23.60	14.85	15.06	14.85	15.06			10.208	10.375	10.208	10.375
			52T	38	16.93	16.80	23.29	23.25	14.87	15.05	14.87	15.05			10.451	9.947	10.451	9.947
				40	18.26	18.19	23.61	23.60	14.89	15.04	14.89	15.04			10.653	10.266	10.653	10.266
EHT40 (FCC)	5270	54	SU	--	37.99	37.92	24.00	24.00	19.86	20.43	19.86	20.43	11.00	11.00	6.287	6.934	6.527	7.174
				61	19.18	19.10	23.83	23.81	19.97	20.41	19.97	20.41			9.283	9.059	9.283	9.059
			242T	62	19.11	19.04	23.81	23.80	19.92	20.45	19.92	20.45			9.167	8.911	9.167	8.911
	5310	62	SU	--	37.97	37.94	24.00	24.00	15.89	15.94	15.89	15.94			2.036	2.734	2.276	2.974
				62	19.08	19.01	23.81	23.79	17.94	17.95	17.94	17.95			6.506	6.411	6.506	6.411
			242T	62	19.08	19.01	23.81	23.79	17.94	17.95	17.94	17.95			-0.722	-0.580	-0.302	-0.160
EHT80 (FCC)	5290	58	SU	--	77.63	77.45	24.00	24.00	16.47	16.44	16.47	16.44	11.00	11.00				
			242T	64	19.16	19.24	23.82	23.84	17.96	17.98	17.96	17.98			6.999	6.780	6.999	6.780
EHT160 (FCC)	5250 (Straddle)	50	SU	--	156.43	156.31	24.00	24.00	15.95	15.94	15.95	15.94	11.00	11.00				
			242T															
				S64	19.29	19.55	23.85	23.91	17.94	17.91	17.94	17.91			7.058	7.075	7.058	7.075



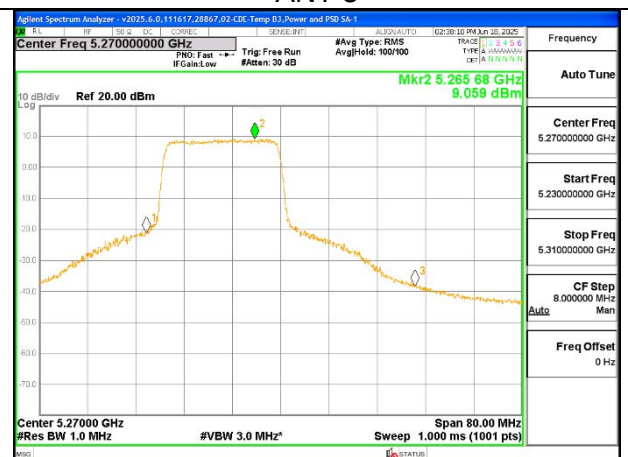
20MHz - Mid Channel – SU (UNII-2A) – ANT 5



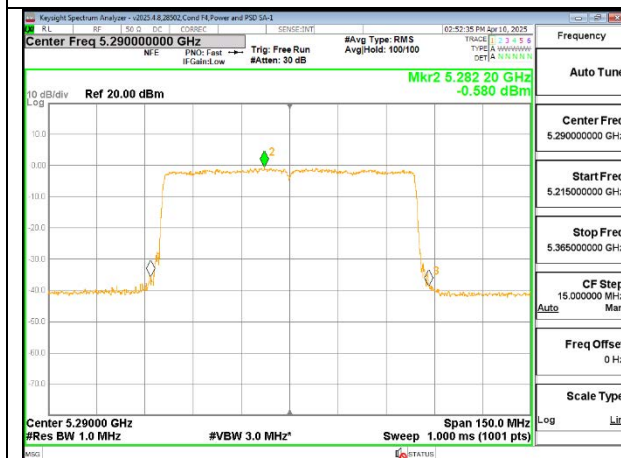
20MHz - Mid Channel – 52T RU37 (UNII-2A) – ANT 5



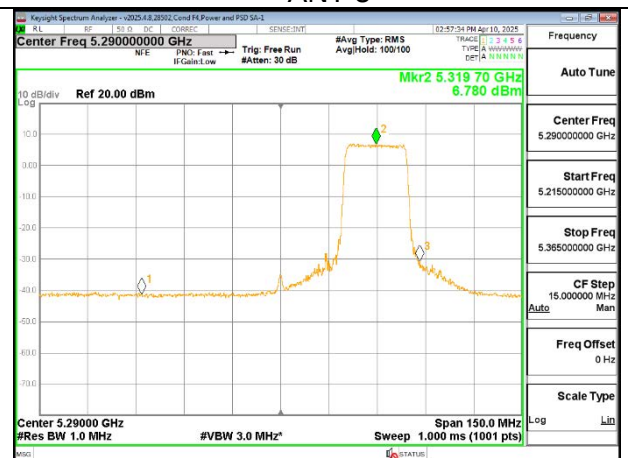
40MHz - Mid Channel – SU (UNII-2A) – ANT 5



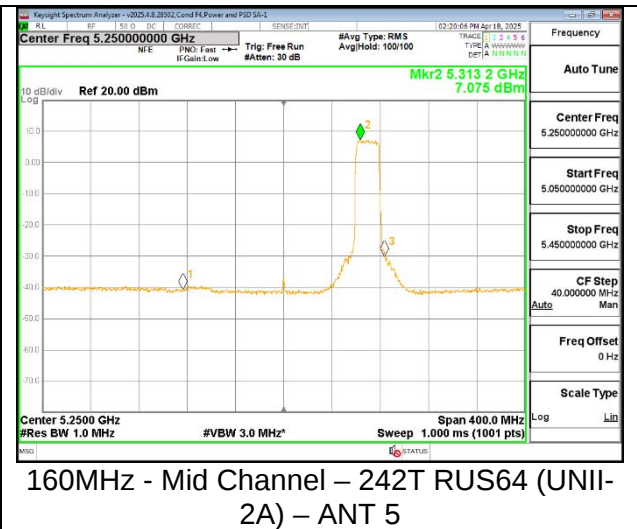
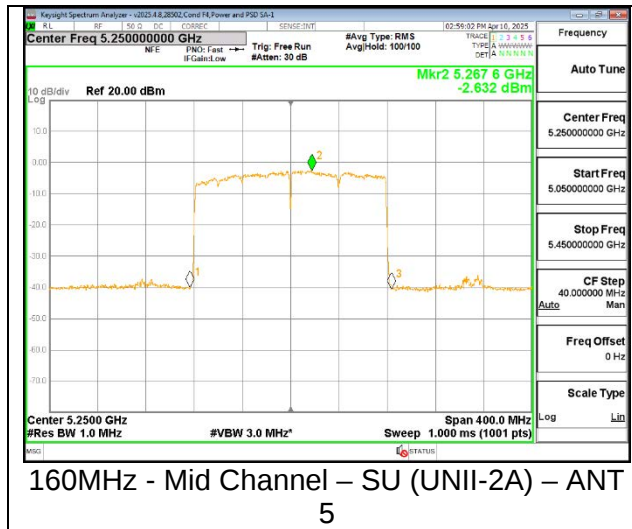
40MHz - Mid Channel – 242T RU 61 (UNII-2A) – ANT 5



80MHz - Mid Channel – SU (UNII-2A) – ANT 5



80MHz - Mid Channel – 242T RU64 (UNII-2A) – ANT 5

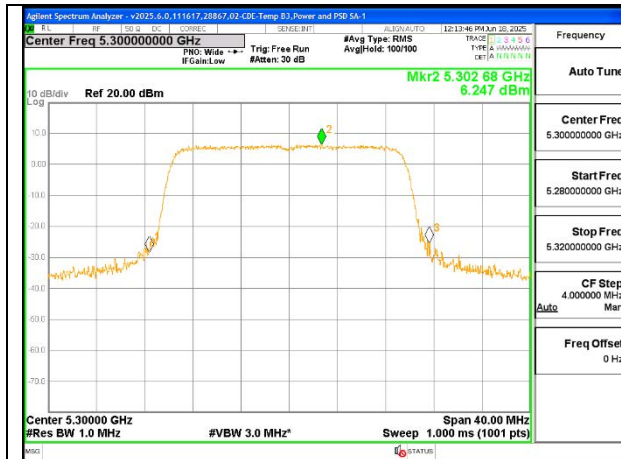


9.5.12. 802.11be MIMO CDD MODE IN THE UNII-2A BAND

UNII-2a (MIMO CDD)	20MHz		40MHz		80MHz		160MHz	
	SU	52T	SU	242T	SU	242T	SU	242T
DCCF (MCS0) (dB)	0.13	0.00	0.24	0.00	0.42	0.00	0.62	0.00
Un-Correlated Gain (dBi)	-3.67							
Correlated Gain (dBi)	-0.91							

UNII-1 (MIMO CDD)	
Straddle Channel	
Un-Corr. Gain (dBi)	-4.24
Corr. Gain (dBi)	-1.38

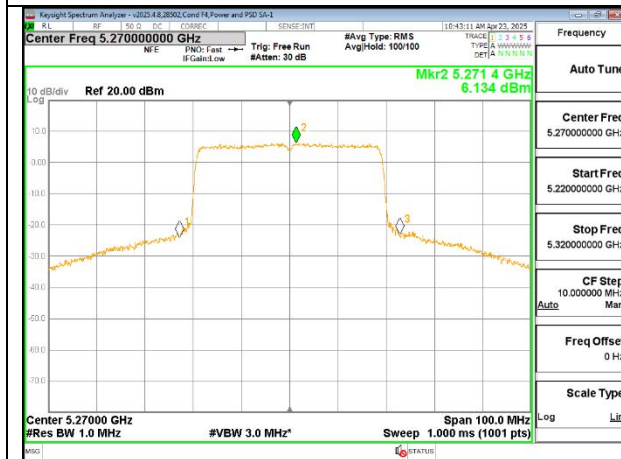
UNII-2a (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 6	Ant 5			Ant 6	Ant 5	
EHT20 (FCC)	5260	52	SU	--	19.03	23.79	18.40	18.48	21.45	11.00	6.735	6.819	9.918
				--	37	18.21	23.60	11.98	11.95		6.413	6.370	9.402
			52T	--	38	16.94	23.29	11.96	11.94		6.407	6.520	9.474
				--	40	18.19	23.60	11.93	11.93		6.665	6.640	9.663
	5300	60	SU	--	19.01	23.79	18.35	18.31	21.34		6.247	6.792	9.668
				--	37	18.20	23.60	12.09	12.09		6.535	6.462	9.509
			52T	--	38	16.77	23.25	12.08	12.06		6.476	6.531	9.514
				--	40	18.20	23.60	12.06	12.07		6.645	6.583	9.624
	5320	64	SU	--	18.99	23.79	17.46	17.40	20.44		5.920	5.778	8.990
				--	37	18.19	23.60	11.85	11.85		6.284	6.337	9.321
			52T	--	38	16.82	23.26	11.88	11.89		6.282	6.631	9.470
				--	40	18.20	23.60	11.85	11.87		6.487	6.704	9.607
EHT40 (FCC)	5270	54	SU	--	37.98	24.00	19.97	19.99	22.99	11.00	6.134	6.272	9.454
				--	61	19.12	23.81	18.36	18.37		6.392	6.184	9.300
			242T	--	62	19.15	23.82	18.38	18.38		6.055	6.333	9.207
	5310	62	SU	--	37.99	24.00	15.40	15.45	18.44		1.441	1.840	4.895
				--	62	19.05	23.80	16.93	16.95		4.930	4.549	7.754
			242T	--	77.64	24.00	15.43	15.45	18.45		-0.494	-0.906	2.735
EHT80 (FCC)	5290	58	242T	--	64	19.14	23.82	16.90	16.92	11.00	6.346	6.379	9.373
				--	155.92	24.00	15.40	15.40	18.41		-3.634	-3.183	0.228
EHT160 (FCC)	5250 (Straddle)	50	242T	--	64	19.30	23.86	16.89	16.96	11.00	6.773	7.174	9.988
				--	155.92	24.00	15.40	15.40	18.41		-3.634	-3.183	0.228



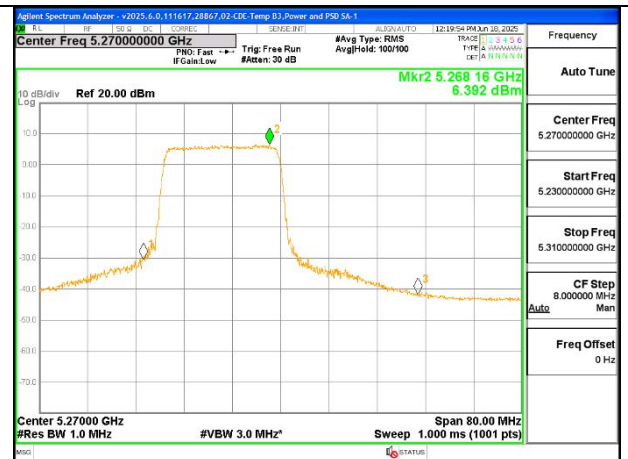
20MHz - Mid Channel – SU (UNII-2A) – ANT 6



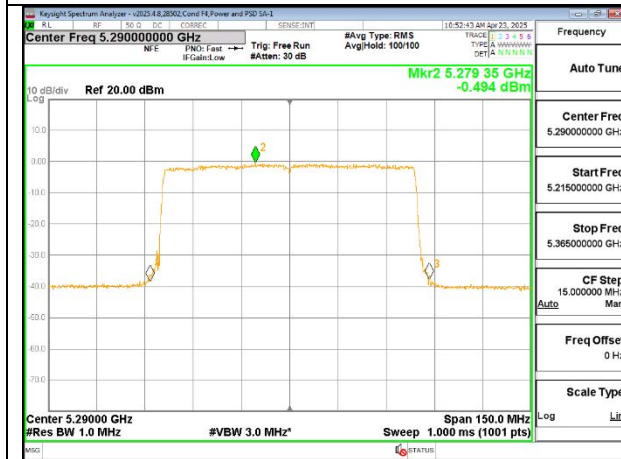
20MHz - Mid Channel – 52T RU37 (UNII-2A) – ANT 6



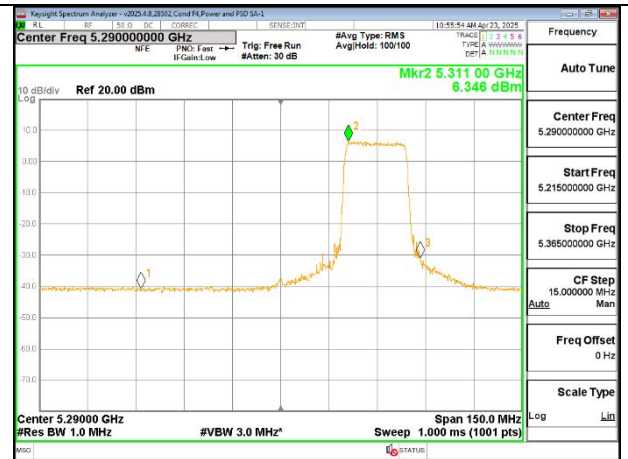
40MHz - Mid Channel – SU (UNII-2A) – ANT 6



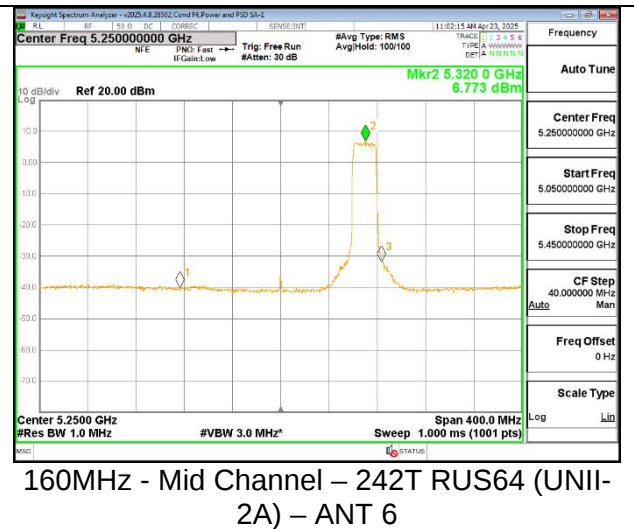
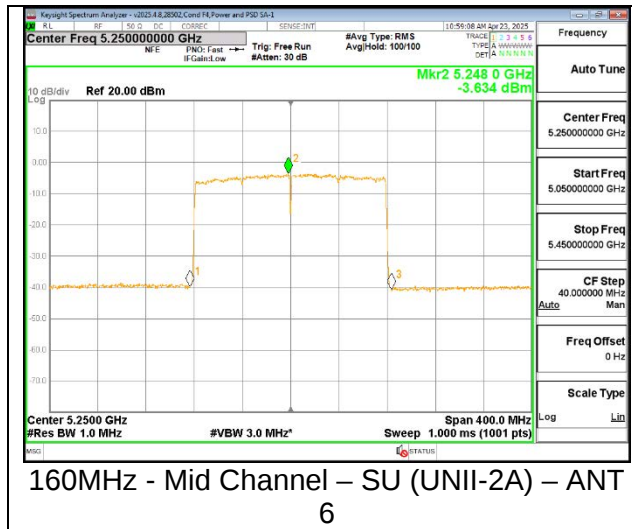
40MHz - Mid Channel – 242T RU 61 (UNII-2A) – ANT 6



80MHz - Mid Channel – SU (UNII-2A) – ANT 6



80MHz - Mid Channel – 242T RU64 (UNII-2A) – ANT 6

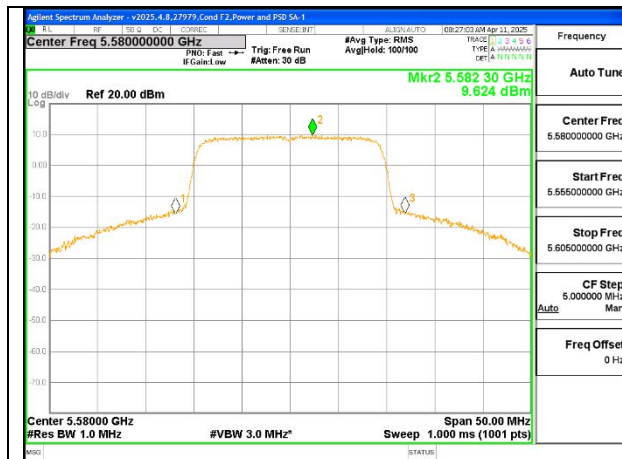


9.5.13. 802.11be SISO MODE IN THE UNII-2C BAND

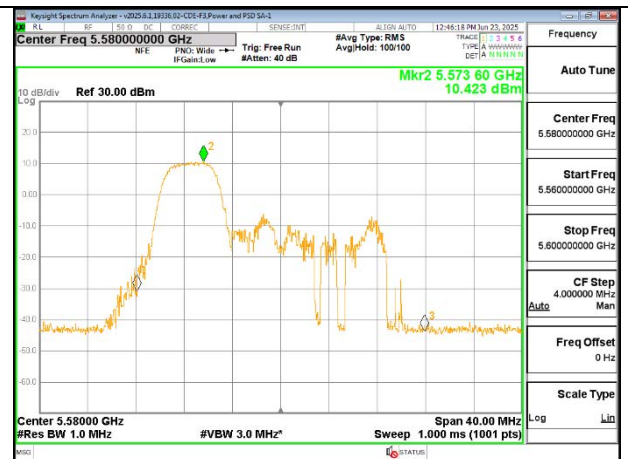
UNII-2C (SISO)	20MHz		40MHz		80MHz		160MHz	
	SU	52T	SU	242T	SU	242T	SU	242T
DCCF (MCS0) (dB)	0.13	0.00	0.24	0.00	0.42	0.00	0.62	0.00
Ant 6 (dBi)	0.80							
Ant 5 (dBi)	-5.10							

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

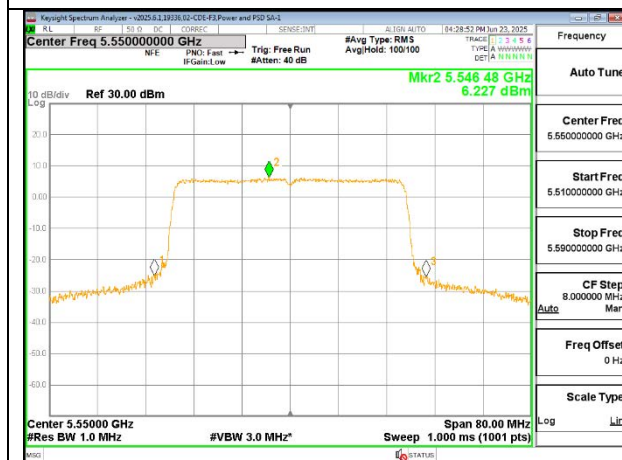
UNII-2C (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
EHT20 (FCC)	5500	100	SU	--	19.04	18.99	23.80	23.79	18.42	18.49	18.42	18.49	11.00	11.00	8.159	8.969	8.289	9.099
				37	18.38	18.22	23.64	23.60	14.75	14.94	14.75	14.94			10.210	10.086	10.210	10.086
			52T	38	16.98	16.77	23.30	23.25	14.97	14.98	14.97	14.98			10.123	10.176	10.123	10.176
				40	18.25	18.10	23.61	23.58	14.99	14.95	14.99	14.95			10.145	10.021	10.145	10.021
	5580	116	SU	--	19.05	19.01	23.80	23.79	19.99	20.42	19.99	20.42			9.624	10.315	9.754	10.445
				37	18.37	18.20	23.64	23.60	15.05	14.80	15.05	14.80			10.423	10.252	10.423	10.252
			52T	38	17.01	16.83	23.31	23.26	15.04	14.97	15.04	14.97			10.389	10.164	10.389	10.164
				40	18.27	18.23	23.62	23.61	15.09	14.82	15.09	14.82			10.303	10.150	10.303	10.150
	5700	140	SU	--	19.04	19.03	23.80	23.79	16.94	16.78	16.94	16.78			7.487	7.487	7.617	7.617
				37	18.38	18.24	23.64	23.61	15.29	14.93	15.29	14.93			10.860	10.542	10.860	10.542
			52T	38	16.94	16.83	23.29	23.26	15.28	15.09	15.28	15.09			10.917	10.516	10.917	10.516
				40	18.22	18.12	23.61	23.58	15.26	15.08	15.26	15.08			10.843	10.574	10.843	10.574
	5720 (Straddle)	144	SU	--	19.06	19.03	23.80	23.80	19.89	20.43	19.89	20.43			9.856	10.027	9.986	10.157
				37	18.44	18.21	23.66	23.60	14.96	14.91	14.96	14.91			10.145	10.224	10.145	10.224
			52T	38	16.78	16.74	23.25	23.24	14.91	14.98	14.91	14.98			10.108	10.130	10.108	10.130
				40	18.30	18.15	23.62	23.59	14.90	14.93	14.90	14.93			10.263	10.108	10.263	10.108
EHT40 (FCC)	5510	102	242T	--	38.04	38.02	24.00	24.00	16.47	16.49	16.47	16.49	11.00	11.00	2.644	2.847	2.884	3.087
				61	19.13	19.13	23.82	23.82	17.98	17.79	17.98	17.79			7.106	7.200	7.106	7.200
	5550	110	SU	--	38.04	38.00	24.00	24.00	19.93	20.44	19.93	20.44			6.227	6.187	6.467	6.427
				61	19.16	19.12	23.82	23.81	19.91	20.42	19.91	20.42			9.507	9.294	9.507	9.294
			242T	62	19.14	19.16	23.82	23.82	19.94	20.46	19.94	20.46			9.402	9.380	9.402	9.380
				--	37.98	37.91	24.00	24.00	17.98	17.91	17.98	17.91			4.224	4.354	4.464	4.594
	5670	134	242T	61	19.14	19.10	23.82	23.81	19.75	20.40	19.75	20.40			9.409	9.292	9.409	9.292
				62	19.15	19.11	23.82	23.81	19.80	20.30	19.80	20.30			9.331	9.234	9.331	9.234
			SU	--	38.04	38.00	24.00	24.00	19.87	20.42	19.87	20.42			5.844	5.831	6.084	6.071
				61	19.14	19.04	23.82	23.80	16.45	16.43	16.45	16.43			6.161	6.413	6.161	6.413
EHT80 (FCC)	5530	106	242T	--	77.61	77.63	24.00	24.00	14.99	14.91	14.99	14.91	11.00	11.00	-2.870	-3.067	-2.450	-2.647
				61	19.18	19.16	23.83	23.82	17.98	17.89	17.98	17.89			8.677	8.406	8.677	8.406
	5610	122	SU	--	77.58	77.69	24.00	24.00	19.94	20.42	19.94	20.42			3.192	3.094	3.612	3.514
				61	19.26	19.13	23.85	23.82	19.93	20.39	19.93	20.39			9.015	8.918	9.015	8.918
			242T	62	19.23	19.13	23.84	23.82	19.98	20.47	19.98	20.47			9.135	8.557	9.135	8.557
				64	19.14	19.16	23.82	23.82	19.91	20.49	19.91	20.49			9.048	9.256	9.048	9.256
	5690 (Straddle)	138	SU	--	77.69	77.43	24.00	24.00	19.94	20.47	19.94	20.47			3.901	3.657	4.321	4.077
				64	19.28	19.21	23.85	23.84	19.94	20.46	19.94	20.46			9.883	10.245	9.883	10.245
			242T	--	156.37	156.34	24.00	24.00	15.98	15.83	15.98	15.83			-4.958	-4.973	-4.338	-4.353
				61	19.39	19.31	23.88	23.86	17.99	17.96	17.99	17.96			6.288	6.275	6.288	6.275
EHT160 (FCC)	5570	114	242T	--	156.37	156.34	24.00	24.00	15.98	15.83	15.98	15.83	11.00	11.00	-4.958	-4.973	-4.338	-4.353



20MHz - Mid Channel – SU (UNII-2C) – ANT 6



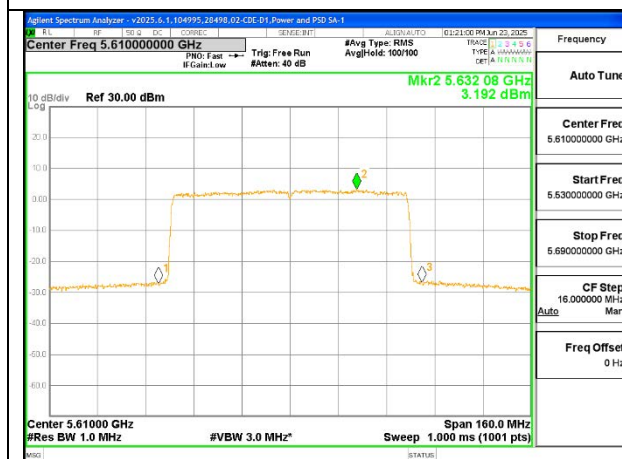
20MHz - Mid Channel – 52T RU37 (UNII-2C) – ANT 6



40MHz - Mid Channel – SU (UNII-2C) – ANT 6



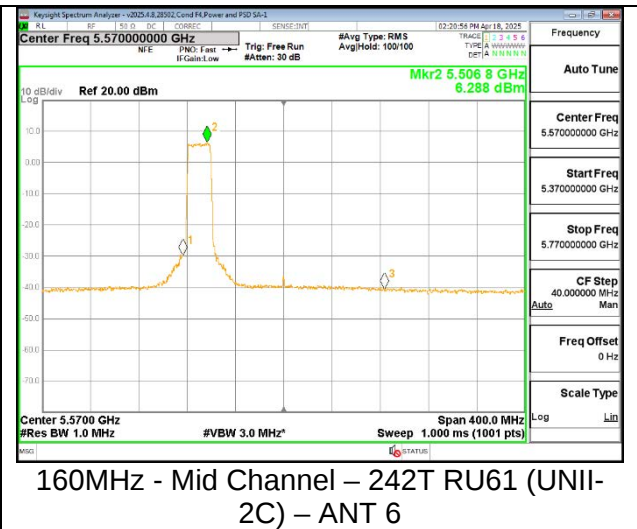
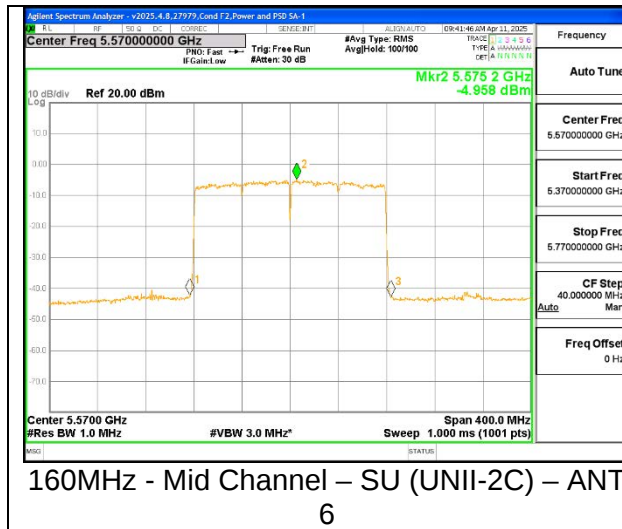
40MHz - Mid Channel – 242T RU61 (UNII-2C) – ANT 6



80MHz - Mid Channel – SU (UNII-2C) – ANT 6



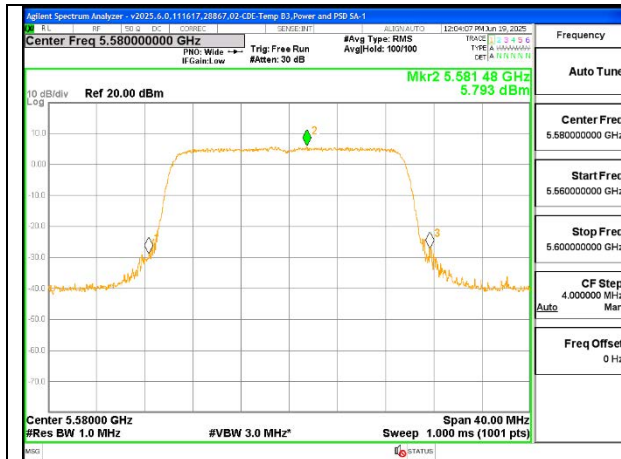
80MHz - Mid Channel – 242T RU62 (UNII-2C) – ANT 6



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

UNII-2C (MIMO CDD)		20MHz		40MHz		80MHz		160MHz		UNII-3 (MIMO CDD)		
		SU	52T	SU	242T	SU	242T	SU	242T			
DCCF (MCS0) (dB)		0.13	0.00	0.24	0.00	0.42	0.00	0.62	0.00	Straddle Channel		
Un-Correlated Gain (dBi)		-1.22								Un-Corr. Gain (dBi)		-0.42
Correlated Gain (dBi)		1.35								Corr. Gain (dBi)		1.79

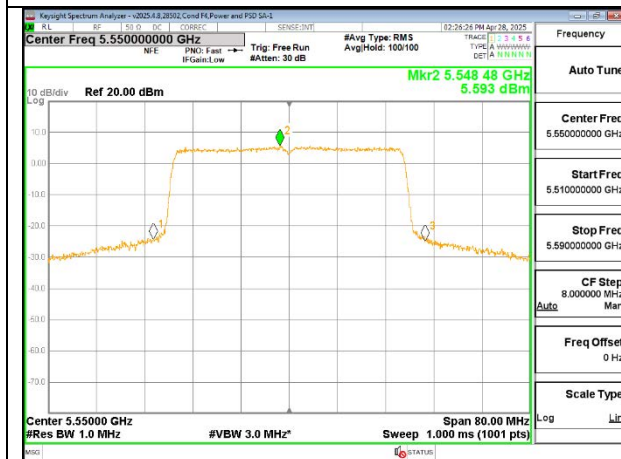
UNII-2C (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)		
							Ant 6	Ant 5			Ant 6	Ant 5			
EHT20 (FCC)	5500	100	SU	--	22.46	24.00	17.62	17.68	20.66	11.00	5.392	5.665	8.671		
				37	20.52	24.00	11.96	11.98	14.98		5.551	5.643	8.608		
			52T	38	18.41	23.65	11.91	11.97	14.95		5.900	5.829	8.875		
				40	20.74	24.00	11.96	11.99	14.99		6.291	6.110	9.212		
	5580	116	SU	--	22.79	24.00	18.46	18.45	21.47		6.589	5.793	9.350		
				37	20.80	24.00	11.97	11.94	14.97		5.666	5.837	8.763		
			52T	38	18.48	23.67	11.91	11.88	14.91		5.560	5.734	8.658		
				40	20.40	24.00	11.94	11.98	14.97		5.987	6.342	9.178		
	5700	140	SU	--	22.54	24.00	16.96	16.92	19.95		5.827	5.873	8.990		
				37	20.55	24.00	12.03	12.08	15.07		6.269	6.827	9.567		
			52T	38	18.43	23.66	12.06	12.07	15.08		6.366	6.362	9.374		
				40	20.51	24.00	12.07	12.08	15.09		6.654	6.634	9.654		
	5720 (Straddle)	144	SU	--	22.57	24.00	18.24	18.29	21.28		6.713	6.831	9.913		
				37	20.45	24.00	11.98	11.83	14.92		6.743	6.745	9.754		
			52T	38	18.46	23.66	11.89	11.96	14.94		6.531	6.383	9.468		
				40	20.65	24.00	11.85	11.91	14.89		7.178	6.691	9.952		
EHT40 (FCC)	5510	102	SU	--	43.68	24.00	15.41	15.45	18.44	11.00	1.047	1.192	4.370		
			242T	61	23.52	24.00	16.98	16.94	19.97		6.114	6.138	9.136		
	5550	110	SU	--	43.27	24.00	19.90	19.95	22.94		5.151	5.593	8.628		
			242T	61	23.44	24.00	18.48	18.42	21.46		7.682	7.531	10.617		
	5670	134	SU	--	43.37	24.00	17.44	17.49	20.48		7.783	7.569	10.688		
				61	23.18	24.00	18.29	18.22	21.27		2.943	2.979	6.211		
			242T	62	23.10	24.00	18.27	18.27	21.28		7.351	7.361	10.366		
				62	23.10	24.00	18.27	18.27	21.28		7.379	7.314	10.357		
	5710 (Straddle)	142	SU	--	43.40	24.00	19.98	19.92	22.96		5.162	5.361	8.513		
			242T	61	23.36	24.00	15.92	15.90	18.92		5.392	5.447	8.430		
	EHT80 (FCC)	5530	106	SU	--	84.39	24.00	14.47	14.47		17.48	11.00	-4.977	-4.859	-1.487
				242T	61	23.40	24.00	16.94	16.99		19.98		4.946	4.477	7.728
5610		122	SU	--	84.75	24.00	19.96	19.92	22.95	2.374	2.387		5.811		
				61	23.08	24.00	18.27	18.23	21.26	5.279	5.582		8.443		
			242T	62	23.06	24.00	18.27	18.26	21.28	5.083	4.940		8.022		
				64	22.91	24.00	18.26	18.28	21.28	5.446	5.424		8.445		
5690 (Straddle)		138	SU	--	84.04	24.00	19.93	19.94	22.95	2.553	2.641		6.028		
			242T	64	23.54	24.00	18.24	18.25	21.26	5.854	5.944		8.910		
EHT160 (FCC)	5570	114	SU	--	163.90	24.00	15.41	15.47	18.45	11.00	-4.759	-4.987	-1.241		
			242T	61	23.22	24.00	16.93	16.98	19.97		4.838	4.469	7.668		



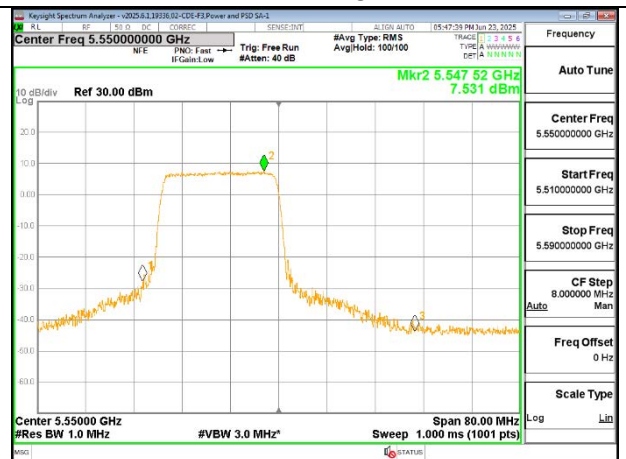
20MHz - Mid Channel – SU (UNII-2C) – ANT 5



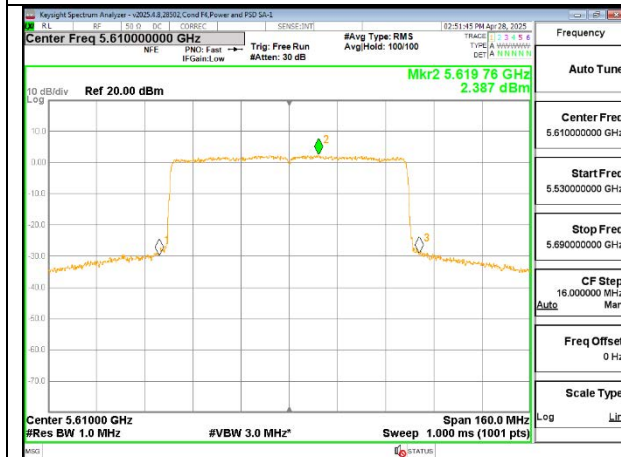
20MHz - Mid Channel – 52T RU37 (UNII-2C) – ANT 5



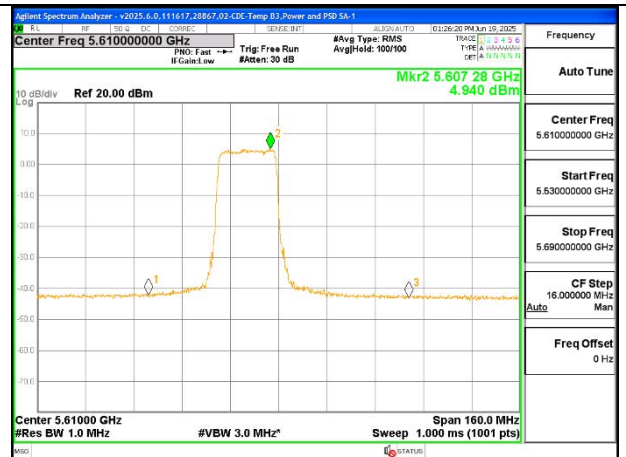
40MHz - Mid Channel – SU (UNII-2C) – ANT 5



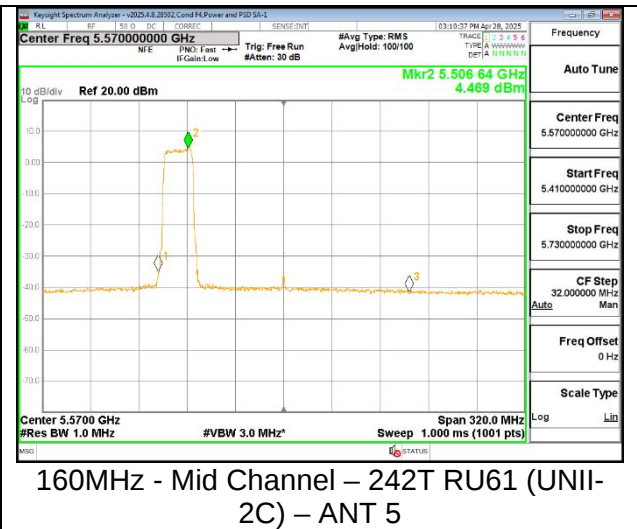
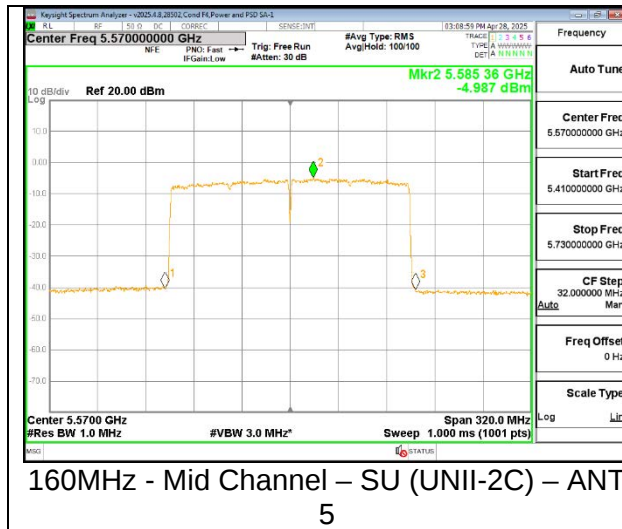
40MHz - Mid Channel – 242T RU61 (UNII-2C) – ANT 5



80MHz - Mid Channel – SU (UNII-2C) – ANT 5



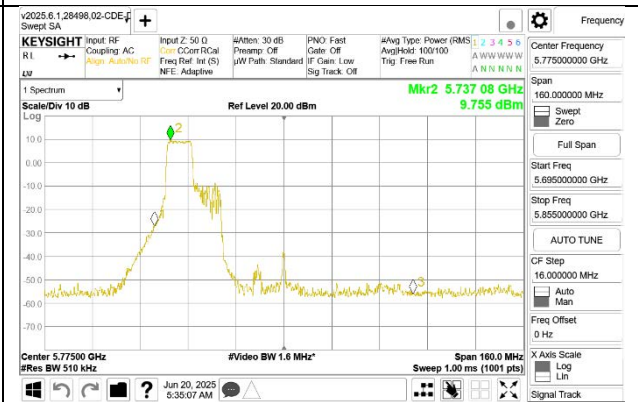
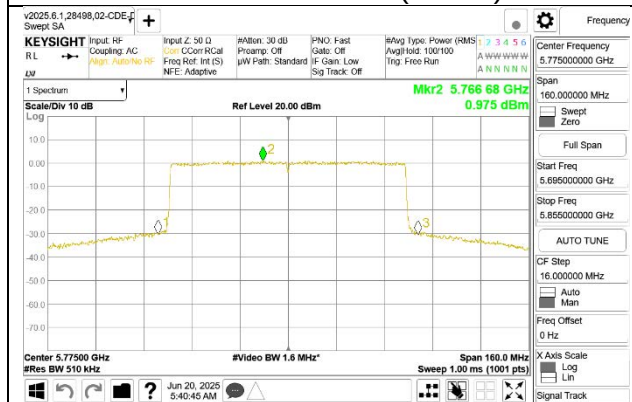
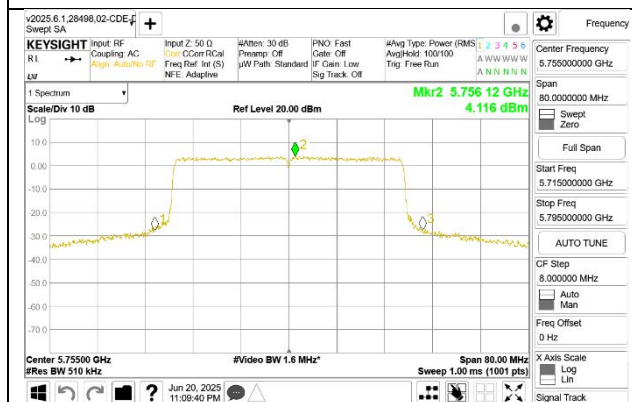
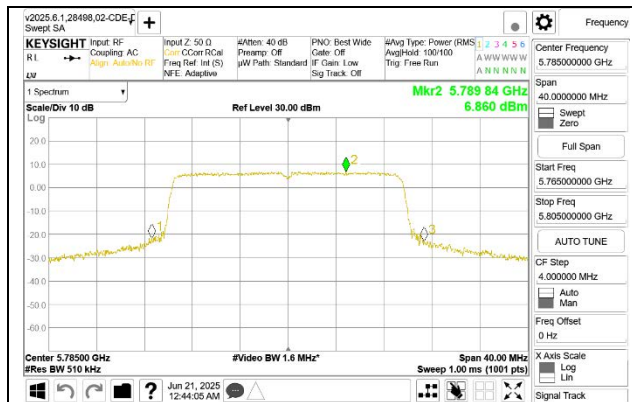
80MHz - Mid Channel – 242T RU62 (UNII-2C) – ANT 5



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

UNII-3 (SISO)	20MHz		40MHz		80MHz		160MHz	
	SU	26T	SU	106T	SU	106T	SU	242T
DCCF (MCS0) (dB)	0.13	0.10	0.24	0.00	0.42	0.00	N/A	
Ant 6 (dBi)	2.00							
Ant 5 (dBi)	-6.40							

UNII-3 (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/500kHz)		Total Corrected PSD (dBm/500kHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
EHT20	5745	149	SU	--	--	30	30		19.89	20.43	19.89	20.43	30	30	5.302	7.008	5.432	7.138
				0					19.83	20.34	19.83	20.34			15.618	16.163	15.718	16.263
			26T	4					19.92	20.42	19.92	20.42			15.487	15.913	15.587	16.013
				8					19.00	20.30	19.00	20.30			15.388	15.713	15.488	15.813
	5785	157	SU	--					19.88	20.42	19.88	20.42			5.084	6.860	5.214	6.990
				0					19.91	20.40	19.91	20.40			15.697	16.136	15.797	16.236
			26T	4					19.96	20.36	19.96	20.36			15.362	15.835	15.462	15.935
				8					19.76	20.33	19.76	20.33			15.526	16.181	15.626	16.281
	5825	165	SU	--					19.91	20.49	19.91	20.49			5.289	7.382	5.419	7.512
				0					19.95	20.41	19.95	20.41			15.602	16.367	15.702	16.467
			26T	4					19.93	20.27	19.93	20.27			15.297	15.993	15.397	16.093
				8					19.90	20.39	19.90	20.39			15.603	15.801	15.703	15.901
EHT40	5755	151	SU	--	--	30	30		19.89	20.38	19.89	20.38	30	30	2.233	4.116	2.473	4.356
				53					19.83	20.40	19.83	20.40			8.511	9.788	8.511	9.788
			106T	54					19.94	20.25	19.94	20.25			8.510	9.789	8.510	9.789
				56					19.88	20.32	19.88	20.32			8.299	9.800	8.299	9.800
	5795	159	SU	--					19.90	20.44	19.90	20.44			2.585	4.311	2.825	4.551
				53					19.92	20.35	19.92	20.35			8.919	9.992	8.919	9.992
			106T	54					19.91	20.44	19.91	20.44			8.736	10.296	8.736	10.296
				56					19.98	20.37	19.98	20.37			9.222	10.091	9.222	10.091
			SU	--					19.90	20.48	19.90	20.48			0.935	0.975	1.355	1.395
				53					19.96	20.41	19.96	20.41			9.580	9.755	9.580	9.755
EHT80	5775	155	106T	56	--	30	30		19.99	20.33	19.99	20.33	30	30	9.593	9.802	9.593	9.802
				60					19.98	20.40	19.98	20.40			10.023	10.028	10.023	10.028



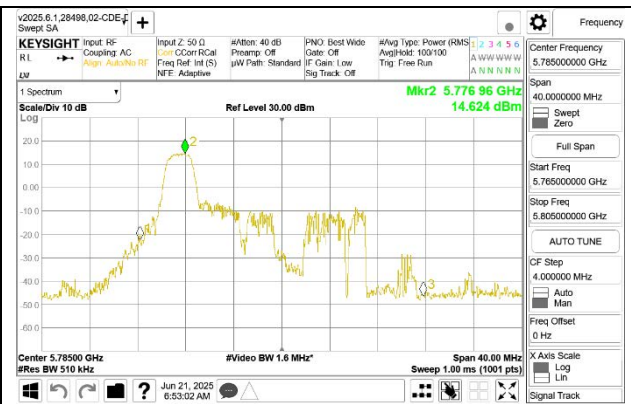
9.5.16. 802.11be MIMO CDD MODE IN THE UNII-3 BAND

UNII-3 (MIMO CDD)	20MHz		40MHz		80MHz		160MHz	
	SU	26T	SU	106T	SU	106T	SU	242T
DCCF (MCS0) (dB)	0.13	0.10	0.24	0.00	0.42	0.00	N/A	
Un-Correlated Gain (dBi)	-0.42							
Correlated Gain (dBi)	1.79							

UNII-3 (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/500kHz)	PSD (dBm/500kHz)		Total MIMO Corrected PSD (dBm/500kHz)
							Ant 6	Ant 5			Ant 6	Ant 5	
EHT20	5745	149	SU	--	--	30	19.94	19.99	22.97	30	6.074	6.095	9.225
			0				19.95	19.99	22.98		14.407	14.577	17.603
			26T	4			19.91	19.92	22.93		14.394	14.381	17.498
			8				19.89	19.89	22.90		14.601	14.858	17.842
	5785	157	SU	--			19.92	19.96	22.95		6.315	6.137	9.367
			0				19.90	19.94	22.93		14.624	14.707	17.776
			26T	4			19.90	19.87	22.90		14.483	14.447	17.575
			8				19.94	19.91	22.94		14.468	14.756	17.725
	5825	165	SU	--			19.83	19.93	22.89		6.572	6.683	9.768
			0				19.97	19.87	22.93		14.447	14.557	17.613
			26T	4			19.88	19.92	22.91		14.433	14.363	17.508
			8				19.89	19.95	22.93		14.648	14.594	17.731
EHT40	5755	151	SU	--	--	30	19.98	19.99	22.99	30	2.959	3.179	6.321
			53				19.86	19.92	22.90		8.676	8.514	11.606
			106T	54			19.93	19.83	22.89		8.471	8.413	11.452
			56				19.96	19.72	22.85		8.784	8.198	11.511
	5795	159	SU	--			19.98	19.96	22.98		3.159	3.329	6.495
			53				19.93	19.95	22.95		9.267	8.764	12.033
			106T	54			19.92	19.97	22.96		9.333	8.730	12.052
			56				19.91	19.99	22.96		9.430	9.040	12.250
EHT80	5775	155	SU	--	--	30	19.86	19.98	22.93	30	-0.061	0.182	3.492
			53				19.99	19.97	22.99		8.297	8.506	11.413
			106T	56			19.90	19.94	22.93		8.822	9.112	11.980
			60				19.92	19.93	22.93		8.904	8.957	11.941



20MHz - Mid Channel – SU (UNII-3) – ANT 6



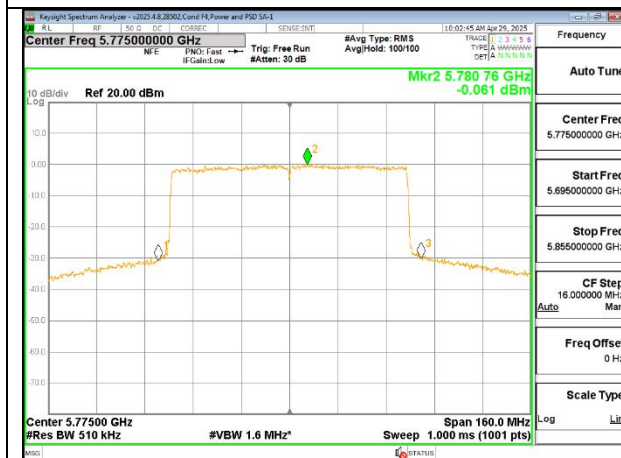
20MHz - Mid Channel – 26T RU0 (UNII-3) – ANT 6



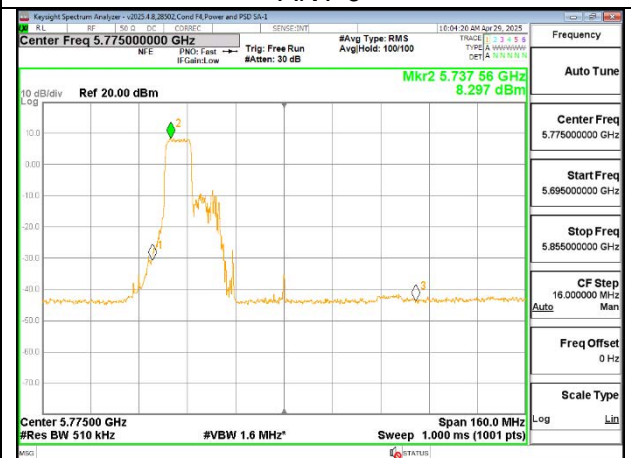
40MHz - Mid Channel – SU (UNII-3) – ANT 6



40MHz - Mid Channel – 106T RU53 (UNII-3) – ANT 6



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



80MHz - Mid Channel – 106T RU53 (UNII-3) – ANT 6

10. SETUP PHOTOS

Please refer to setup report 15496240-EP1.

APPENDIX A – SPOT CHECK EVALUATION

1. SPOT CHECK EVALUATION

1.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3256 and A3522.

Two models have the same PCB layout, design, common components, antennas, antenna locations and housing cases, except for FR2 is removed from variants which caused antenna gain changed as documented in section 6.5.1 of the report and disabled/enabled cellular bands via software as shown below.

Model	FCC ID	IC ID	Feature Difference	Sim Support	Reference Model
A3256	BCG-E8949A	579C-E8949A	-With FR2/LTE/5GNR B14/29/71 -No B11/21 -With UL MIMO (n41/48/77)	eSIM	-
A3522	BCG-E8957A	579C-E8957A	-Without FR2 -Added B11/21 -No UL MIMO	eSIM	A3256

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

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

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

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

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

1.2. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR Var1

Axxx Var1 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	MIMO CDD Mode	Data Rate / Tone / RU	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3256	Sub Model: A3522	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E8949A IC ID: 579C-E8949A	FCC ID : BCG-E8957A IC ID: 579C-E8957A			
NII / WiFi 5GHz	5.2	HT40	MCS0	Avg Power (dBm)	46	Fundamental	22.96	22.91	-0.05	-1.04	Note 1
	5.3	EHT40	MCS0 SU	Avg Power (dBm)	54	Fundamental	22.99	22.92	-0.07	-1.01	Note 1
	5.6	VHT80	MCS0	Avg Power (dBm)	138	Fundamental	22.98	22.91	-0.07	-1.02	Note 1
	5.8	EHT40	MCS0 SU	Avg Power (dBm)	151	Fundamental	22.99	22.96	-0.03	-7.01	Note 1
	5.2	VHT160	MCS9	Radiated Bandedge (dBuV/m)	50	Horizontal Low Bandedge	51.50	50.35	-1.15	-2.50	Note 1

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

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