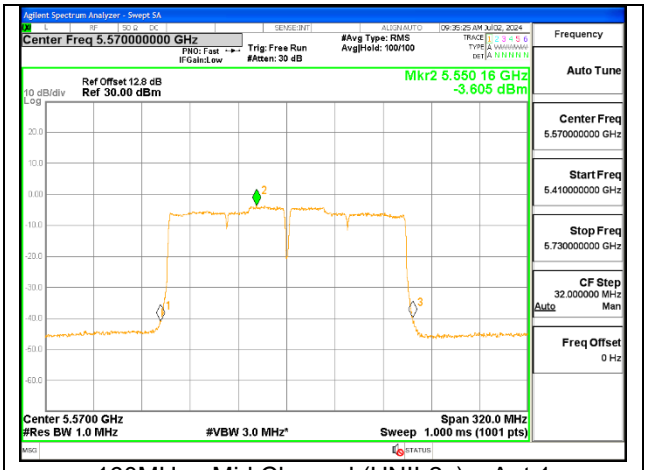

160MHz - Mid Channel (UNII-2c) – Ant 1

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

UNII-2c (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.10	0.27	0.34
Un-Correlated Gain (dBi)	-0.87			
Correlated Gain (dBi)	2.12			

UNII-3 (MIMO CDD)	
Straddle Channel	
Ant 1 (dBi)	-0.04
Ant 2 (dBi)	2.97

UNII-2c (MIMO CDD)	Freq (MHz)	Ch. #	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
					Ant 1	Ant 2			Ant 1	Ant 2	
HT20 (FCC)	5500	100	21.45	24.00	16.89	16.92	19.92	11.00	7.195	7.218	10.217
	5580	116	21.03	24.00	16.97	16.91	19.95		7.343	7.180	10.273
	5700	140	23.31	24.00	16.44	16.48	19.47		6.823	6.837	9.840
	5720 (Straddle)	144	15.54	22.91	16.94	16.91	19.94		7.113	7.219	10.177
HT40 (FCC)	5510	102	41.84	24.00	14.95	14.98	17.98	11.00	3.093	2.902	6.109
	5550	110	40.76	24.00	19.93	19.91	22.93		6.627	6.762	9.805
	5670	134	42.17	24.00	18.95	18.93	21.95		5.891	6.073	9.093
	5710 (Straddle)	142	40.87	24.00	19.97	19.92	22.96		6.615	6.607	9.721
VHT80 (FCC)	5530	106	84.68	24.00	16.42	16.43	19.44	11.00	1.344	1.213	4.559
	5610	122	83.63	24.00	19.89	19.96	22.94		4.892	4.977	8.215
	5690 (Straddle)	138	80.76	24.00	19.91	19.90	22.92		4.980	4.930	8.235
VHT160 (FCC)	5570	106	164.30	24.00	14.95	14.94	17.96	11.00	-3.658	-3.490	-0.223

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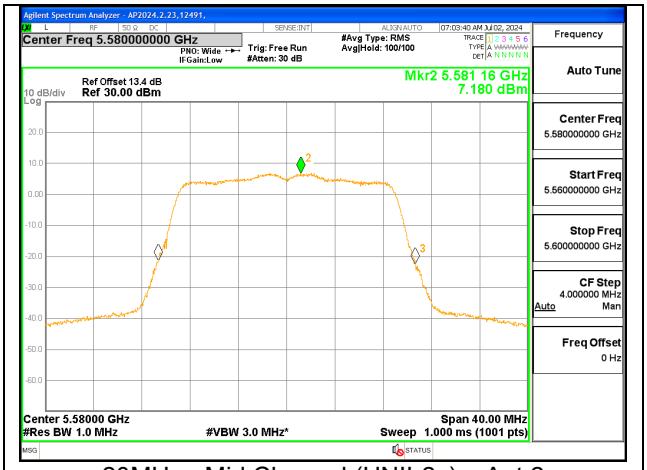
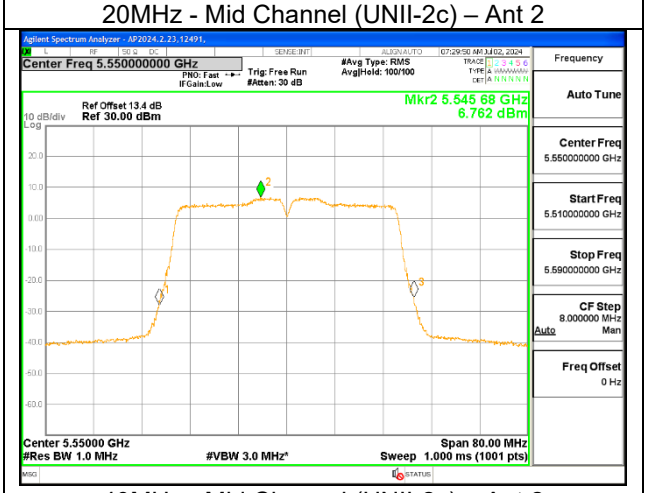
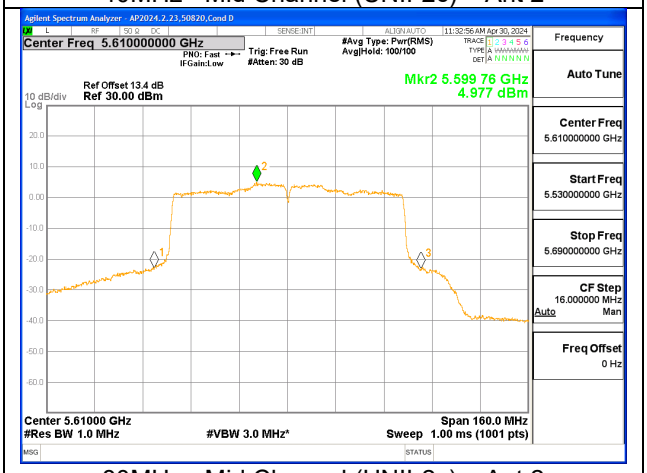


20MHz - Mid Channel (UNII-2c) – Ant 2



40MHz - Mid Channel (UNII-2c) – Ant 2



80MHz - Mid Channel (UNII-2c) – Ant 2

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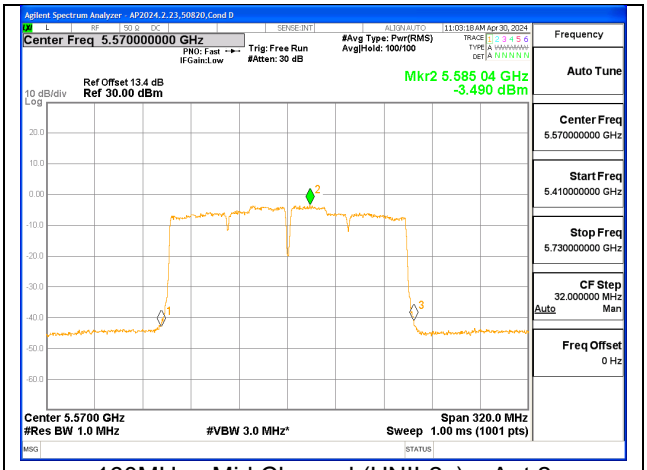

160MHz - Mid Channel (UNII-2c) – Ant 2

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

UNII-3 (SISO)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.10	0.27	N/A
Ant 1 (dBi)	0.30			
Ant 2 (dBi)	-0.40			

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 1	Ant 2	Ant 1	Ant2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant2	Ant 1	Ant 2	Ant 1	Ant 2
HT20	5745	149	--		30	30	20.98	20.91	**20.98**	20.91	30	30	8.569	8.596	8.569	8.596
	5785	157					20.96	20.92	20.96	20.92			8.421	8.743	8.421	8.743
	5825	165					20.97	20.92	20.97	20.92			8.762	8.628	8.762	8.628
HT40	5755	151	--		30	30	20.98	20.94	**20.98**	20.94	30	30	5.381	5.397	5.481	5.497
	5795	159					20.89	20.92	20.89	20.92			5.462	5.408	5.562	5.508
VHT80	5775	155	--		30	30	20.98	20.94	**20.98**	20.94	30	30	2.271	2.306	2.541	2.576

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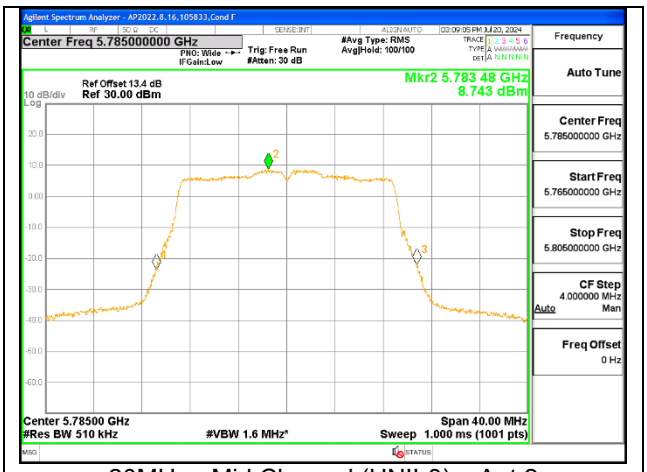
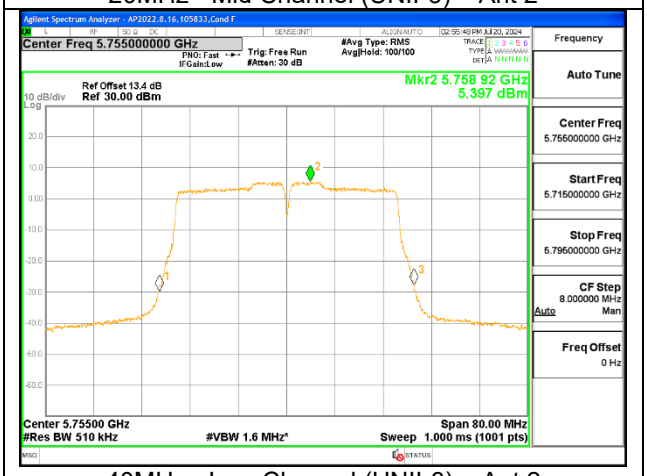
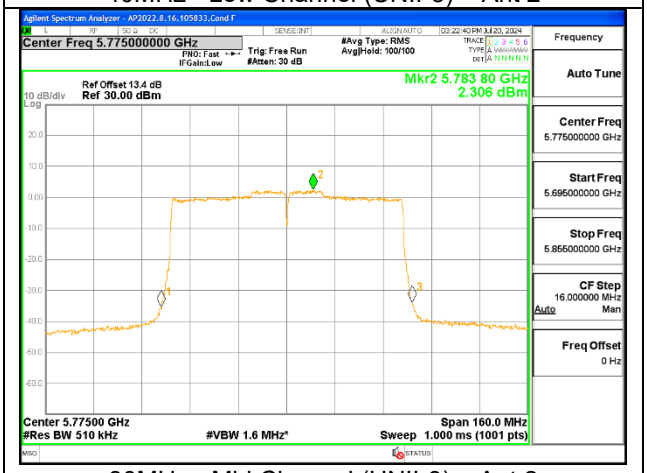


20MHz - Mid Channel (UNII-3) – Ant 2



40MHz - Low Channel (UNII-3) – Ant 2



80MHz - Mid Channel (UNII-3) – Ant 2

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

UNII-3 (MIMO CDD)	20MHz	40MHz	80MHz	160MHz
DCCF (MCS0) (dB)	0.00	0.10	0.27	N/A
Un-Correlated Gain (dBi)	-0.04			
Correlated Gain (dBi)	2.97			

UNII-3 (MIMO CDD)	Freq (MHz)	Ch. #	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/500kHz)	PSD (dBm/500kHz)		Total MIMO Corrected PSD (dBm/500kHz)
					Ant 1	Ant 2			Ant 1	Ant 2	
HT20	5745	149	--	30	20.89	20.96	23.94	30	8.425	8.365	11.405
	5785	157			20.91	20.91	23.92		8.853	8.516	11.698
	5825	165			20.93	20.92	23.94		8.893	8.598	11.758
HT40	5755	151	--	30	20.91	20.94	23.94	30	5.468	5.384	8.537
	5795	159			20.97	20.95	23.97		5.696	5.471	8.695
VHT80	5775	155	--	30	20.98	20.96	23.98	30	2.302	2.278	5.570

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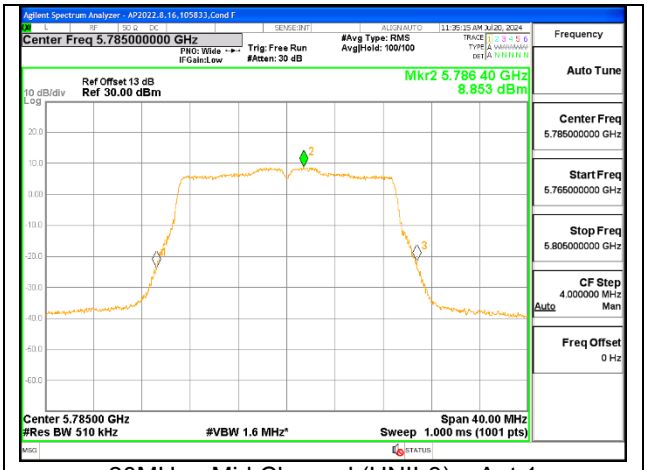
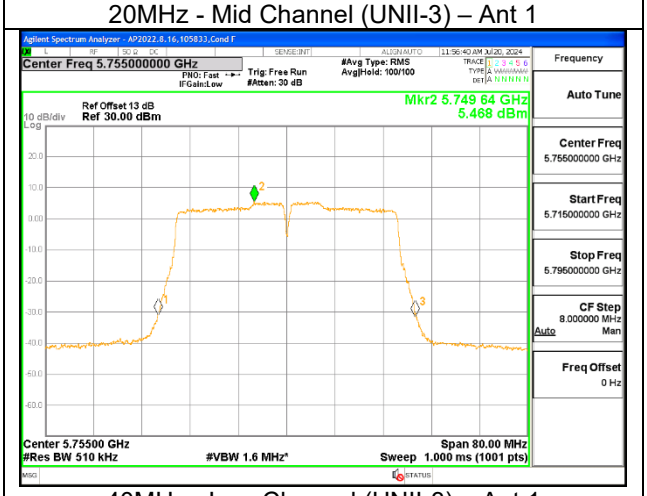
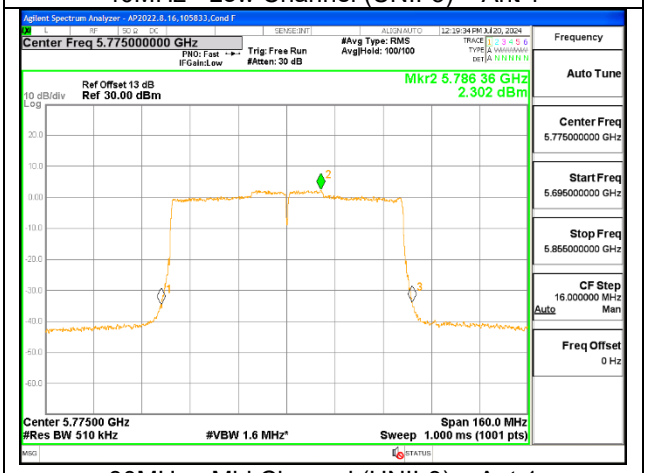


20MHz - Mid Channel (UNII-3) – Ant 1



40MHz - Low Channel (UNII-3) – Ant 1



80MHz - Mid Channel (UNII-3) – Ant 1

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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 52+26T	SU	242T
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00
Ant 1 (dBi)	-0.40							
Ant 2 (dBi)	-4.40							

UNII-2a (SISO)	
Straddle Channel	
Ant 1 (dBi)	0.00
Ant 2 (dBi)	-3.40

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 1	Ant 2	Ant 1	Ant2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant2	Ant 1	Ant 2	Ant 1	Ant 2
EHT20 (FCC)	5180	36	SU	--	--		24.00	24.00	17.98	17.90	17.98	17.90	11.00	11.00	7.442	7.336	7.442	7.336
			26T	0					11.23	11.22	11.23	11.22			8.888	9.367	8.888	9.367
				4					11.19	11.22	11.19	11.22			7.830	8.239	7.830	8.239
				8					11.19	11.16	11.19	11.16			8.848	9.375	8.848	9.375
	5200	40	SU	--					19.91	19.89	19.91	19.89			9.293	9.533	9.293	9.533
			26T	0					11.19	11.16	11.19	11.16			8.985	8.959	8.985	8.959
				4					11.23	11.23	11.23	11.23			7.792	8.172	7.792	8.172
				8					11.20	11.22	11.20	11.22			8.862	9.465	8.862	9.465
	5240	48	SU	--					19.94	19.98	19.94	**19.98**			9.443	9.631	9.443	9.631
			26T	0					11.23	11.23	11.23	11.23			8.995	9.244	8.995	9.244
				4					11.16	11.23	11.16	11.23			7.884	8.041	7.884	8.041
				8					11.21	11.23	11.21	11.23			9.202	9.287	9.202	9.287
EHT40 (FCC)	5190	38	SU	--	--		24.00	24.00	15.92	15.93	15.92	15.93	11.00	11.00	2.590	2.394	2.590	2.394
			26T	0					8.19	8.24	8.19	8.24			5.440	5.627	5.440	5.627
				9					8.23	8.23	8.23	8.23			5.342	5.335	5.342	5.335
				17					8.23	8.23	8.23	8.23			5.384	5.438	5.384	5.438
			242T	61					17.98	17.96	17.98	17.96			6.422	6.361	6.422	6.361
				62					17.95	17.98	17.95	17.98			6.462	6.439	6.462	6.439
	5230	46	SU	--					20.98	20.89	**20.98**	20.89			7.828	7.854	7.828	7.854
			26T	0					8.16	8.21	8.16	8.21			5.422	5.594	5.422	5.594
				9					8.19	8.23	8.19	8.23			5.381	5.487	5.381	5.487
				17					8.17	8.16	8.17	8.16			5.461	5.661	5.461	5.661
			242T	61					19.97	19.98	19.97	19.98			8.589	8.767	8.589	8.767
				62					19.91	19.93	19.91	19.93			8.406	8.817	8.406	8.817
EHT80 (FCC)	5210	42	SU	--	--		24.00	24.00	16.47	16.44	16.47	16.44	11.00	11.00	0.034	-0.002	0.034	-0.002
			242T	61					17.93	17.95	17.93	17.95			6.883	7.177	6.883	7.177
				62					17.91	17.94	17.91	17.94			6.787	6.963	6.787	6.963
				64					17.96	17.95	**17.96**	17.95			6.668	6.889	6.668	6.889
			MRU52+26T	71					9.70	9.69	9.70	9.69			2.755	3.155	2.755	3.155
				74					9.69	9.71	9.69	9.71			3.057	3.010	3.057	3.010
				80					9.74	9.73	9.74	9.73			2.728	3.069	2.728	3.069
EHT160 (FCC)	5250 (Straddle)	50	SU	--	--		24.00	24.00	14.42	14.44	14.42	14.44	11.00	11.00	-4.549	-4.484	-4.339	-4.274
			242T	61					17.90	17.92	17.90	17.92			6.797	6.991	6.797	6.991
				62					17.93	17.98	17.93	**17.98**			6.705	6.592	6.705	6.592
				S64					17.92	17.94	17.92	17.94			6.618	6.563	6.618	6.563

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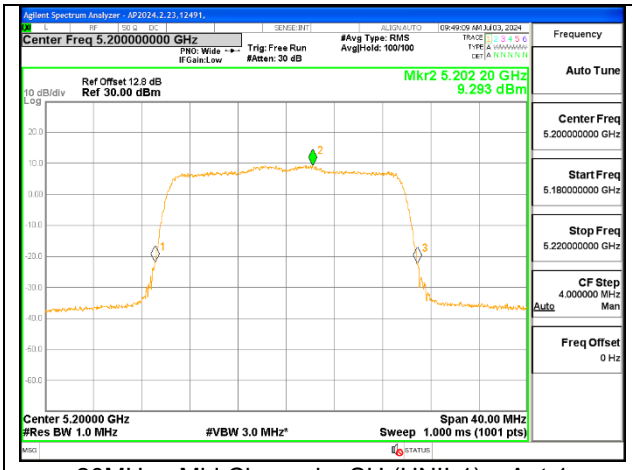
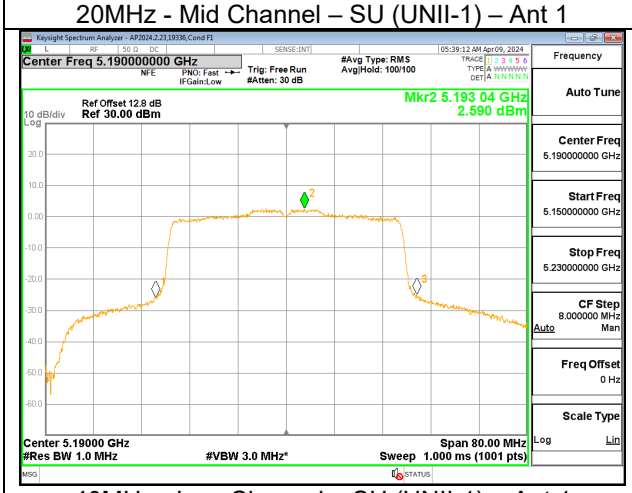
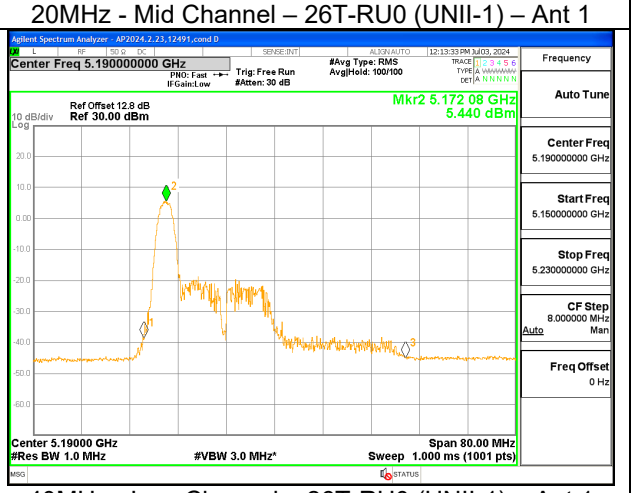


20MHz - Mid Channel – SU (UNII-1) – Ant 1

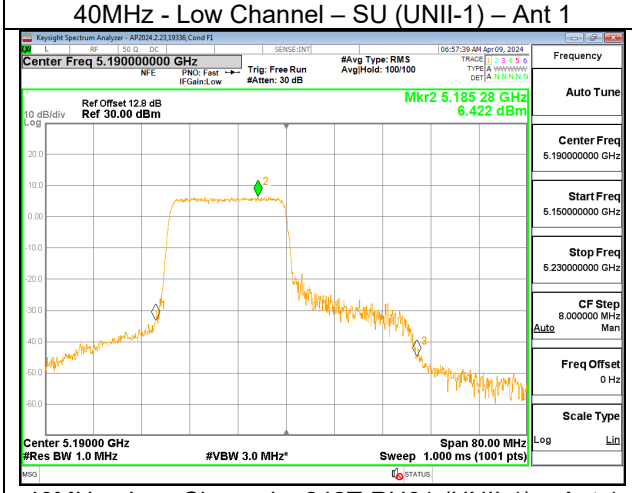
20MHz - Mid Channel – 26T-RU0 (UNII-1) – Ant 1



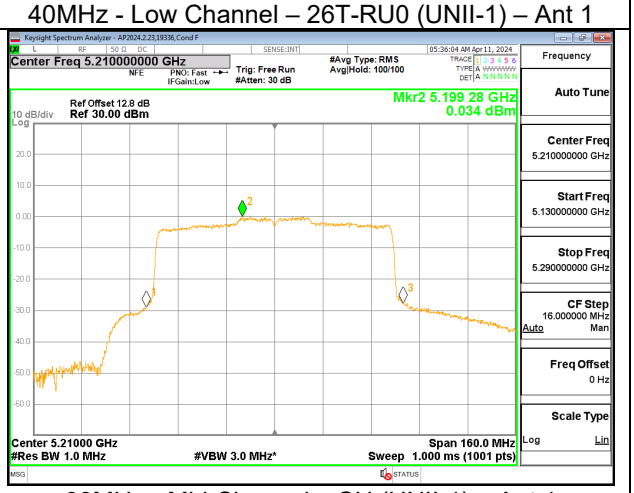
40MHz - Low Channel – SU (UNII-1) – Ant 1



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



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



80MHz - Mid Channel – SU (UNII-1) – Ant 1

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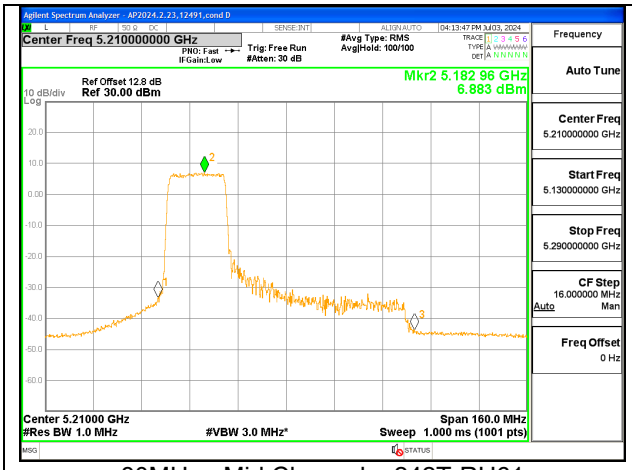
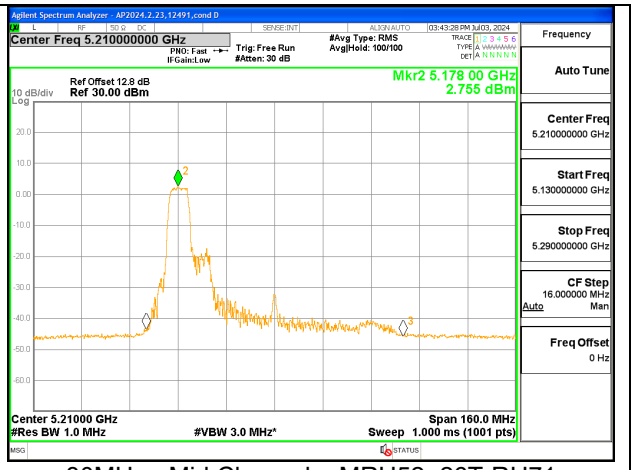
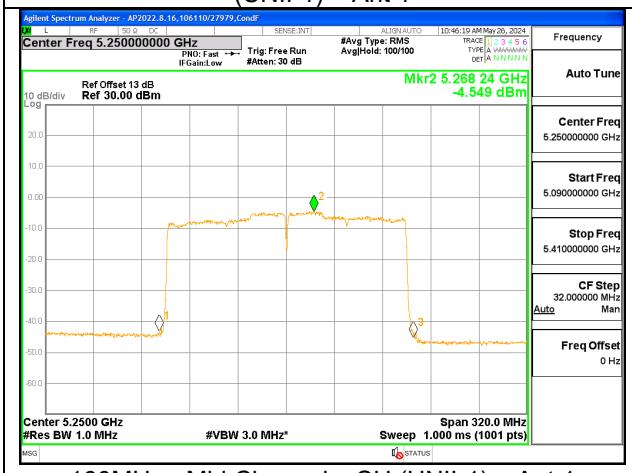


80MHz - Mid Channel – 242T-RU61 (UNII-1) – Ant 1



80MHz - Mid Channel – MRU52+26T-RU71 (UNII-1) – Ant 1



160MHz - Mid Channel – SU (UNII-1) – Ant 1

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

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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 52+26T	SU	242T
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00
Un-Correlated Gain (dBi)	-1.95							
Correlated Gain (dBi)	0.84							

UNII-2a (MIMO CDD)	
Straddle Channel	
Un-Corr. Gain (dBi)	-1.38
Corr. Gain (dBi)	1.48

UNII-2a (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 1	Ant 2			Ant 1	Ant 2	
EHT20 (FCC)	5180	36	SU	--	--	24	16.95	16.92	19.95	11	6.824	7.081	9.965
			26T	0			8.93	8.91	11.93		6.631	6.959	9.808
				4			8.94	8.96	11.96		5.669	6.091	8.895
				8			8.91	8.91	11.92		6.767	7.017	9.904
	5200	40	SU	--			16.95	16.97	**19.97**		6.622	6.667	9.655
			26T	0			8.93	8.97	11.96		6.855	7.112	9.996
				4			8.89	8.93	11.92		5.634	6.115	8.891
				8			8.92	8.91	11.93		6.766	7.155	9.975
	5240	48	SU	--			16.96	16.95	19.97		6.605	6.692	9.659
			26T	0			8.92	8.91	11.93		6.746	6.749	9.758
				4			8.95	8.93	11.95		5.687	6.094	8.906
				8			8.91	8.92	11.93		6.843	6.839	9.851
EHT40 (FCC)	5190	38	SU	--	--	24	15.47	15.45	18.47	11	1.895	2.159	5.039
			26T	0			8.20	8.24	11.23		5.939	6.445	9.210
				9			8.23	8.16	11.21		6.372	5.911	9.158
				17			8.21	8.17	11.20		6.369	6.109	9.251
			242T	61			16.91	16.91	19.92		5.660	6.188	8.942
				62			16.95	16.95	19.96		5.786	6.084	8.948
	5230	46	SU	--			19.91	19.89	**22.91**		7.123	7.262	10.203
			26T	0			8.16	8.23	11.21		6.359	6.398	9.389
				9			8.22	8.18	11.21		5.967	6.196	9.093
				17			8.22	8.23	11.24		6.292	5.864	9.094
			242T	61			16.89	16.94	19.93		5.607	5.793	8.711
				62			16.90	16.95	19.94		5.651	5.860	8.767
EHT80 (FCC)	5210	42	SU	--	--	24	15.43	15.48	18.47	11	-1.189	-0.905	1.966
			242T	61			16.91	16.97	19.95		4.988	5.005	8.007
				62			16.91	16.92	19.93		5.386	5.054	8.233
				64			16.93	16.98	**19.97**		5.420	5.352	8.396
			MRU52+26T	71			9.68	9.68	12.69		3.161	3.038	6.110
				74			9.69	9.70	12.71		3.057	3.214	6.147
				80			9.72	9.72	12.73		2.885	3.239	6.076
EHT160 (FCC)	5250 (Straddle)	50	SU	--	--	24	13.95	13.98	16.98	11	-5.488	-5.455	-2.251
			242T	61			16.89	16.95	19.93		6.080	6.256	9.179
				62			16.93	16.97	**19.96**		5.159	5.231	8.205
				S64			16.94	16.95	19.96		6.047	5.877	8.973

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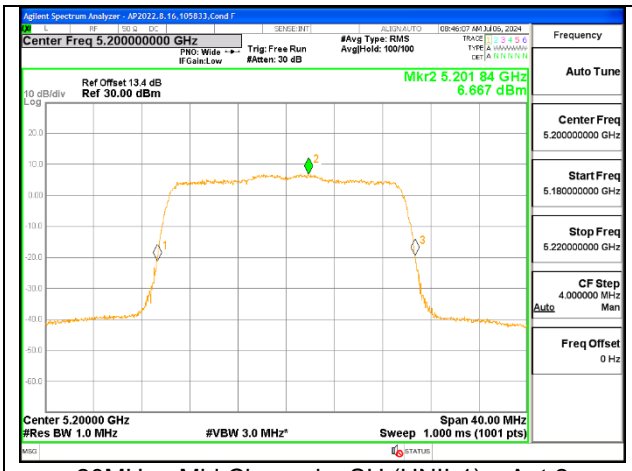
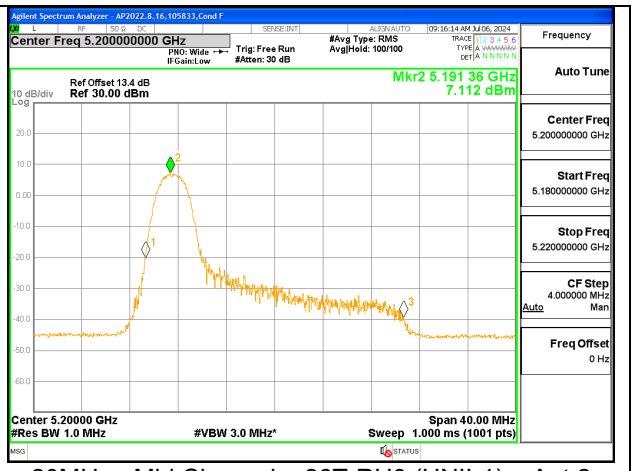
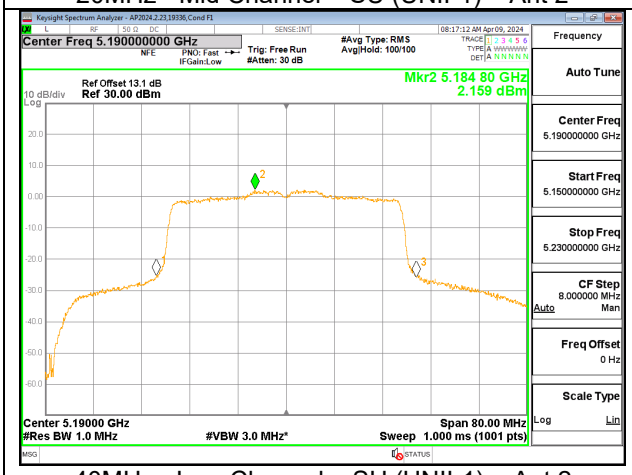


20MHz - Mid Channel – SU (UNII-1) – Ant 2

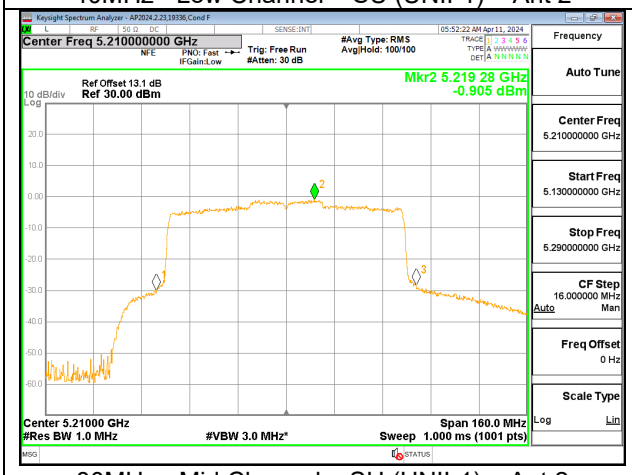


20MHz - Mid Channel – 26T-RU0 (UNII-1) – Ant 2

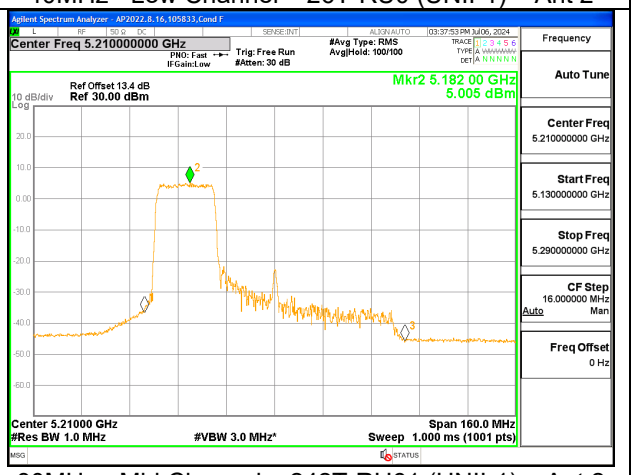


40MHz - Low Channel – SU (UNII-1) – Ant 2

40MHz - Low Channel – 26T-RU0 (UNII-1) – Ant 2



80MHz - Mid Channel – SU (UNII-1) – Ant 2



80MHz - Mid Channel – 242T-RU61 (UNII-1) – Ant 2

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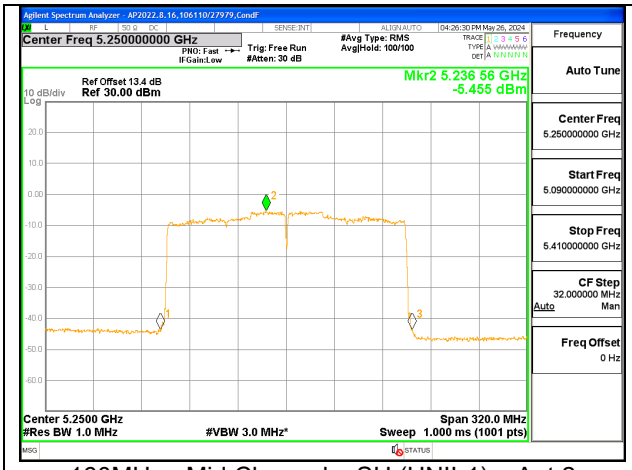
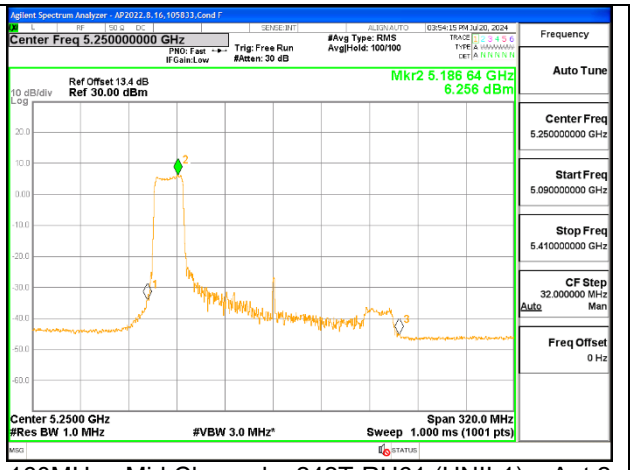


160MHz - Mid Channel – SU (UNII-1) – Ant 2



160MHz - Mid Channel – 242T-RU61 (UNII-1) – Ant 2

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

UNII-2a (SISO)	20MHz		40MHz		80MHz			160MHz	
	SU	52T	SU	106T 242T	SU	242T	484T	SU	242T
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.21	0.00
Ant 1 (dBi)	0.00								
Ant 2 (dBi)	-3.40								

UNII-1 (SISO)	
Straddle Channel	
Ant 1 (dBi)	-0.40
Ant 2 (dBi)	-4.40

UNII-2a (SISO)	Freq (MHz)	Ch. #	Tone	RU Index	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
					Ant 1	Ant 2	Ant 1	Ant2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant2	Ant 1	Ant 2	Ant 1	Ant 2
EHT20 (FCC)	5260	52	SU	--	20.78	20.91	24.00	24.00	19.96	19.94	**19.96**	19.94	11.00	11.00	9.866	9.093	9.866	9.093
			52T	37	19.81	19.76	23.97	23.96	14.19	14.23	14.19	14.23			9.133	9.365	9.133	9.365
				38	19.28	19.23	23.85	23.84	14.20	14.23	14.20	14.23			9.198	9.389	9.198	9.389
				40	20.57	20.57	24.00	24.00	14.22	14.17	14.22	14.17			9.353	9.337	9.353	9.337
	5300	60	SU	--	20.86	21.06	24.00	24.00	19.90	19.95	19.90	19.95			9.706	8.781	9.706	8.781
			52T	37	19.86	19.82	23.98	23.97	14.23	14.17	14.23	14.17			9.352	9.232	9.352	9.232
				38	18.88	19.04	23.76	23.80	14.24	14.16	14.24	14.16			9.080	9.006	9.080	9.006
				40	20.65	20.39	24.00	24.00	14.23	14.24	14.23	14.24			9.335	9.274	9.335	9.274
	5320	64	SU	--	21.62	20.79	24.00	24.00	17.94	17.98	17.94	17.98			7.392	7.240	7.392	7.240
			52T	37	19.92	19.89	23.99	23.99	14.16	14.21	14.16	14.21			9.270	9.170	9.270	9.170
				38	18.79	19.43	23.74	23.88	14.23	14.21	14.23	14.21			9.167	9.157	9.167	9.157
				40	20.58	20.56	24.00	24.00	14.22	14.17	14.22	14.17			9.189	9.158	9.189	9.158
EHT40 (FCC)	5270	54	SU	--	40.77	40.50	24.00	24.00	20.94	20.91	**20.94**	20.91	11.00	11.00	7.153	6.938	7.153	6.938
			106T	53	22.51	19.66	24.00	23.94	14.17	14.22	14.17	14.22			6.211	6.305	6.211	6.305
				54	26.89	25.89	24.00	24.00	14.17	14.18	14.17	14.18			6.101	6.326	6.101	6.326
				56	23.92	23.74	24.00	24.00	14.23	14.16	14.23	14.16			6.133	6.377	6.133	6.377
			242T	61	28.96	31.57	24.00	24.00	19.94	19.91	19.94	19.91			8.817	8.687	8.817	8.687
				62	28.72	31.14	24.00	24.00	19.92	19.95	19.92	19.95			8.742	8.731	8.742	8.731
	5310	62	SU	--	42.29	42.27	24.00	24.00	15.92	15.97	15.92	15.97			2.173	1.863	2.173	1.863
			106T	53	22.45	20.64	24.00	24.00	14.20	14.23	14.20	14.23			5.904	6.290	5.904	6.290
				54	28.68	28.06	24.00	24.00	14.22	14.21	14.22	14.21			6.134	6.015	6.134	6.015
				56	24.87	24.14	24.00	24.00	14.22	14.23	14.22	14.23			6.030	6.188	6.030	6.188
			242T	61	30.49	33.95	24.00	24.00	17.94	17.93	17.94	17.93			6.572	6.330	6.572	6.330
				62	27.73	30.92	24.00	24.00	17.92	17.95	17.92	17.95			6.369	6.332	6.369	6.332
EHT80 (FCC)	5290	58	SU	--	82.55	84.62	24.00	24.00	16.94	16.95	16.94	16.95	11.00	11.00	0.802	0.756	0.802	0.756
			242T	61	28.15	28.93	24.00	24.00	17.92	17.91	17.92	17.91			6.729	6.789	6.729	6.789
				62	45.98	45.54	24.00	24.00	17.90	17.95	17.90	17.95			6.678	6.852	6.678	6.852
				64	33.54	29.69	24.00	24.00	17.97	17.98	17.97	**17.98**			6.286	6.452	6.286	6.452
			484T	65	57.82	56.25	24.00	24.00	14.93	14.97	14.93	14.97			1.638	1.469	1.848	1.679
				66	59.56	60.59	24.00	24.00	14.92	14.93	14.92	14.93			1.643	1.637	1.853	1.847
EHT160 (FCC)	5250 (Straddle)	50	SU	--	165.20	166.50	24.00	24.00	14.42	14.44	14.42	14.44	11.00	11.00	-4.549	-4.484	-4.339	-4.274
			242T	61	29.57	30.51	24.00	24.00	17.90	17.92	17.90	17.92			6.797	6.991	6.797	6.991
				62	47.95	46.46	24.00	24.00	17.93	17.98	17.93	**17.98**			6.705	6.592	6.705	6.592
				S64	30.71	31.95	24.00	24.00	17.92	17.94	17.92	17.94			6.618	6.563	6.618	6.563

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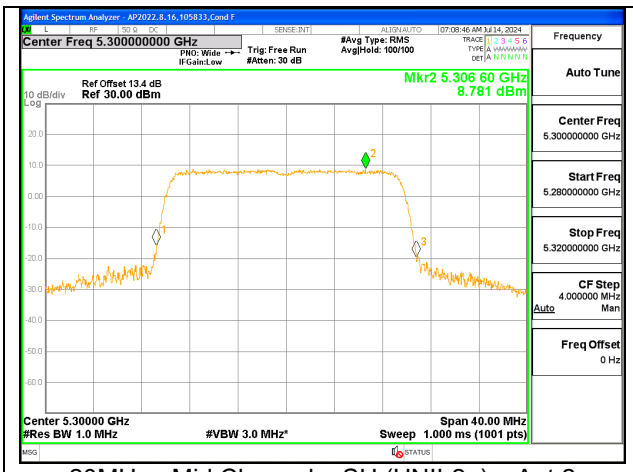
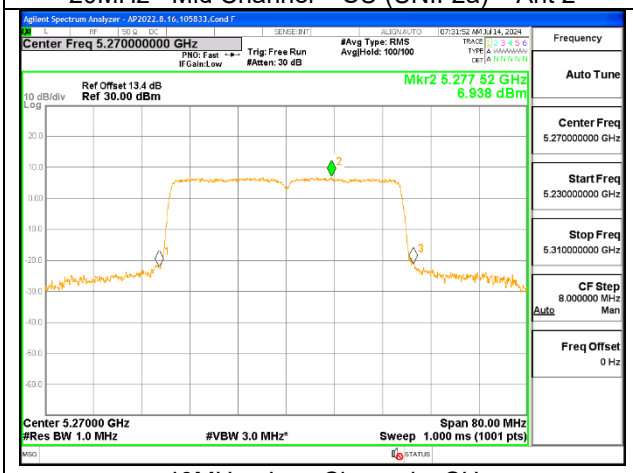
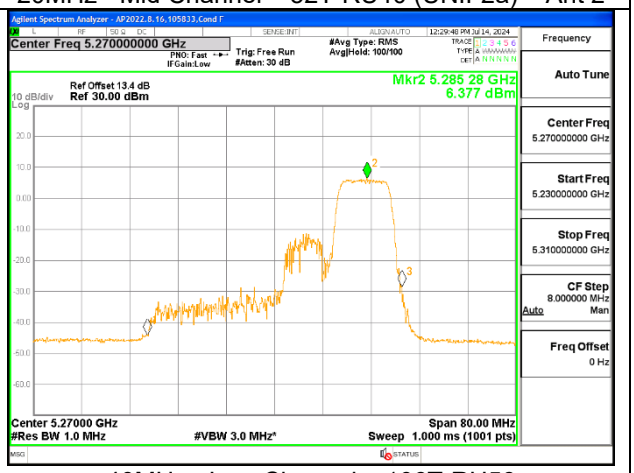


20MHz - Mid Channel – SU (UNII-2a) – Ant 2

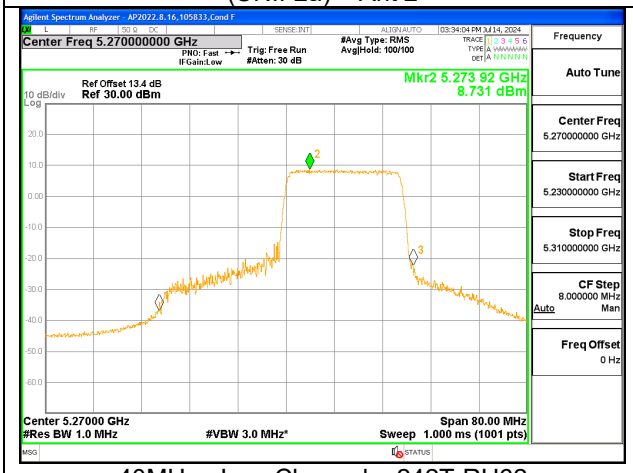
20MHz - Mid Channel – 52T-RU40 (UNII-2a) – Ant 2



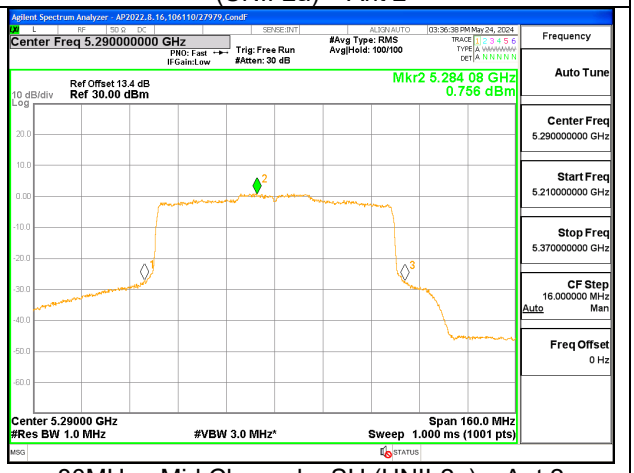
40MHz - Low Channel – SU (UNII-2a) – Ant 2



40MHz - Low Channel – 106T-RU56 (UNII-2a) – Ant 2



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



80MHz - Mid Channel – SU (UNII-2a) – Ant 2

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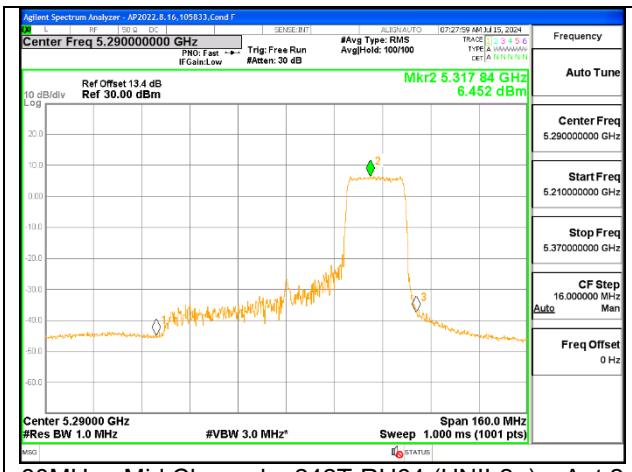
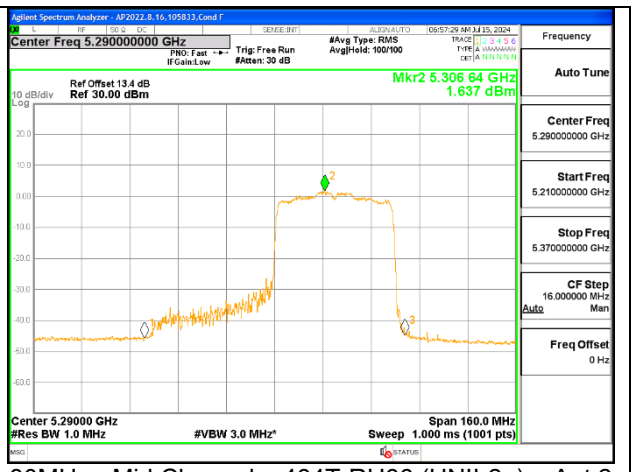
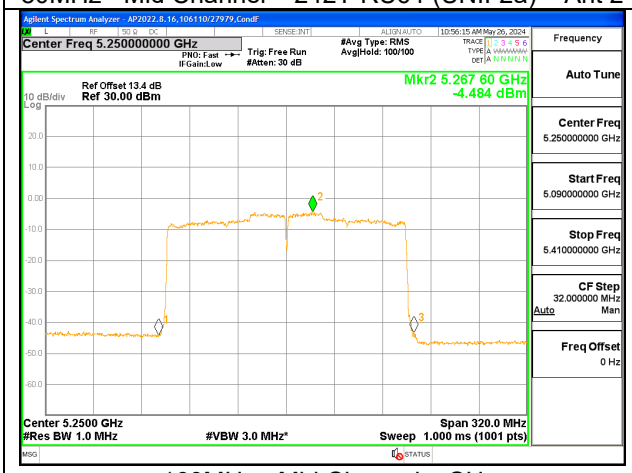


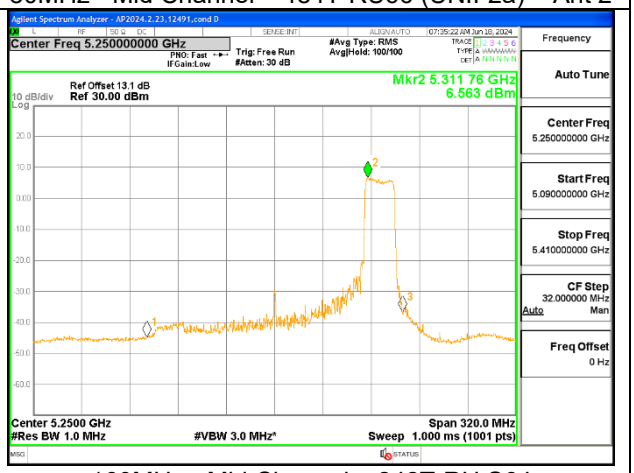
80MHz - Mid Channel – 242T-RU64 (UNII-2a) – Ant 2



80MHz - Mid Channel – 484T-RU66 (UNII-2a) – Ant 2



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



160MHz - Mid Channel – 242T-RU S64 (UNII-2a) – Ant 2

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

UNII-2a (MIMO CDD)	20MHz		40MHz		80MHz			160MHz	
	SU	52T	SU	106T 242T	SU	242T	484T	SU	242T
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.21	0.00
Un-Correlated Gain (dBi)	-1.38								
Correlated Gain (dBi)	1.48								

UNII-1 (MIMO CDD)	
Straddle Channel	
Un-Corr. Gain (dBi)	-1.95
Corr. Gain (dBi)	0.84

UNII-2a (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 1	Ant 2			Ant 1	Ant 2	
EHT20 (FCC)	5260	52	SU	--	21.03	24.00	16.92	16.97	**19.96**	11.00	6.570	6.687	9.639
			52T	37	19.53	23.91	11.88	11.95	14.93		7.286	7.268	10.287
				38	18.39	23.65	11.97	11.94	14.97		7.230	7.243	10.247
				40	19.72	23.95	11.92	11.91	14.93		6.892	6.876	9.894
	5300	60	SU	--	20.95	24.00	16.93	16.89	19.92		6.907	6.755	9.842
			52T	37	19.68	23.94	11.92	11.95	14.95		6.997	6.866	9.942
				38	18.44	23.66	11.98	11.96	14.98		7.141	6.930	10.047
				40	19.83	23.97	11.97	11.91	14.95		6.989	7.082	10.046
	5320	64	SU	--	21.63	24.00	16.89	16.97	19.94		6.691	6.599	9.656
			52T	37	19.85	23.98	11.91	11.94	14.94		7.092	7.144	10.128
				38	18.29	23.62	11.92	11.89	14.92		7.047	6.910	9.989
				40	19.79	23.96	11.92	11.96	14.95		6.884	6.962	9.933
EHT40 (FCC)	5270	54	SU	--	40.59	24.00	19.94	19.94	**22.95**	11.00	5.919	5.936	8.938
			106T	53	19.79	23.96	14.22	14.16	17.20		6.398	6.140	9.281
				54	23.98	24.00	14.23	14.23	17.24		6.392	6.192	9.303
				56	20.09	24.00	14.16	14.23	17.21		6.145	6.221	9.193
			242T	61	30.03	24.00	16.95	16.92	19.95		5.886	5.577	8.745
				62	30.19	24.00	16.92	16.91	19.93		5.923	6.076	9.010
	5310	62	SU	--	40.64	24.00	15.41	14.42	17.95		1.098	1.421	4.273
			106T	53	19.91	23.99	14.17	14.20	17.20		6.118	6.042	9.090
				54	25.87	24.00	14.22	14.17	17.21		6.401	6.115	9.271
				56	19.99	24.00	14.22	14.21	17.23		5.974	6.038	9.016
			242T	61	28.69	24.00	16.96	16.93	19.96		5.652	5.623	8.648
				62	30.71	24.00	16.94	16.92	19.94		5.630	5.735	8.693
EHT80 (FCC)	5290	58	SU	--	82.99	24.00	15.95	15.95	18.96	11.00	-1.258	-1.089	1.838
			242T	61	29.49	24.00	16.95	16.92	19.95		5.840	5.706	8.784
				62	43.75	24.00	16.91	16.92	19.93		5.565	5.592	8.589
				64	26.37	24.00	16.97	16.93	**19.96**		5.586	5.835	8.723
			484T	65	52.90	24.00	14.46	14.45	17.47		1.398	1.245	4.542
				66	51.50	24.00	14.45	14.40	17.44		1.263	1.137	4.421
EHT160 (FCC)	5250 (Straddle)	50	SU	--	164.80	24.00	13.95	13.98	16.98	11.00	-5.488	-5.455	-2.251
			242T	61	29.48	24.00	16.89	16.95	19.93		6.080	6.256	9.179
				62	43.80	24.00	16.93	16.97	**19.96**		5.159	5.231	8.205
				S64	27.42	24.00	16.94	16.95	19.96		6.047	5.877	8.973

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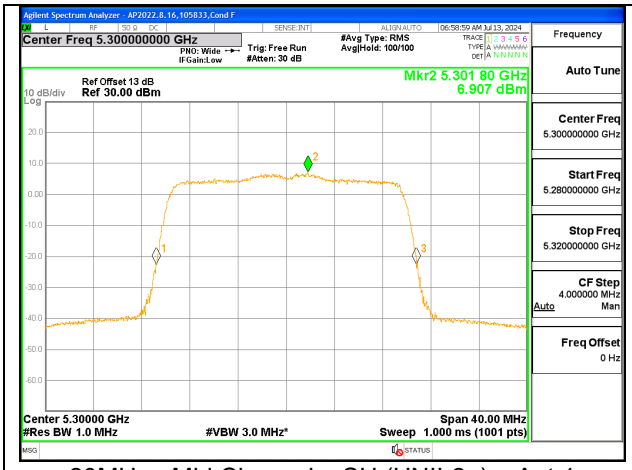
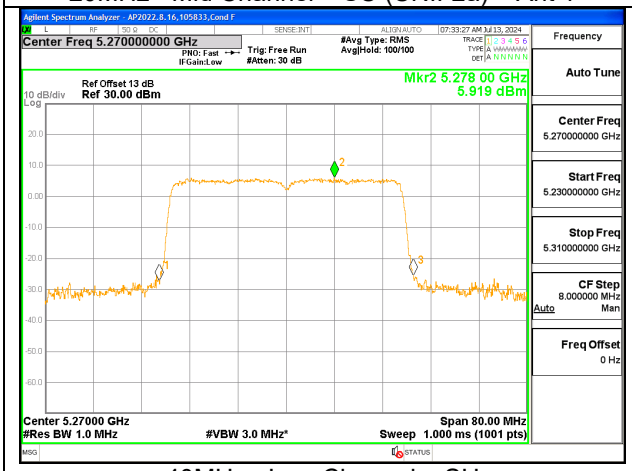
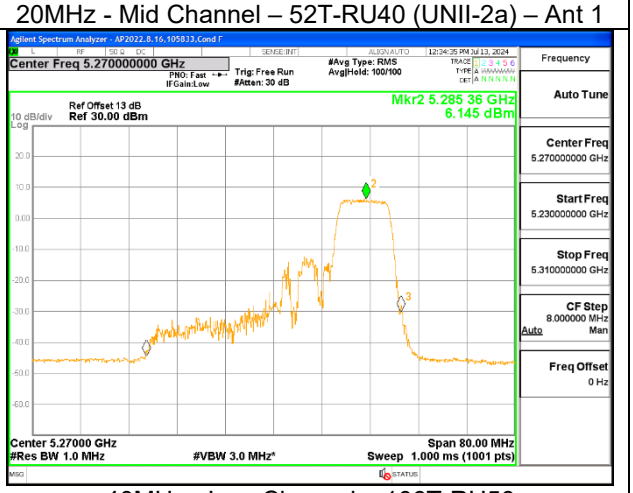


20MHz - Mid Channel – SU (UNII-2a) – Ant 1

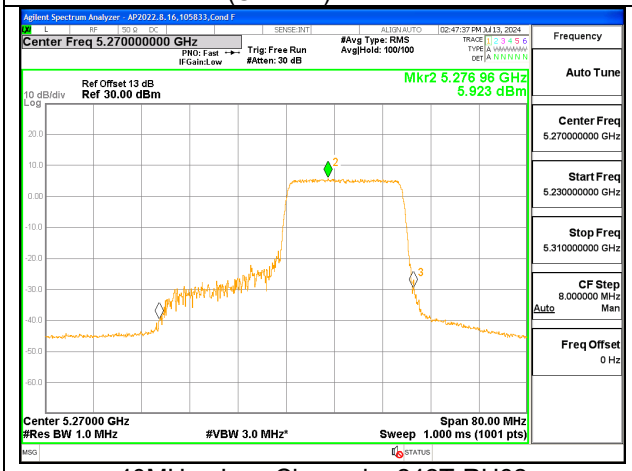
20MHz - Mid Channel – 52T-RU40 (UNII-2a) – Ant 1



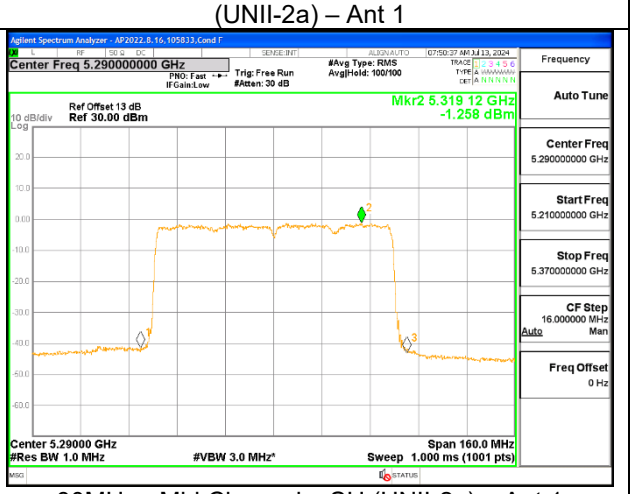
40MHz - Low Channel – SU
(UNII-2a) – Ant 1



40MHz - Low Channel – 106T-RU56
(UNII-2a) – Ant 1



40MHz - Low Channel – 242T-RU62
(UNII-2a) – Ant 1



80MHz - Mid Channel – SU (UNII-2a) – Ant 1

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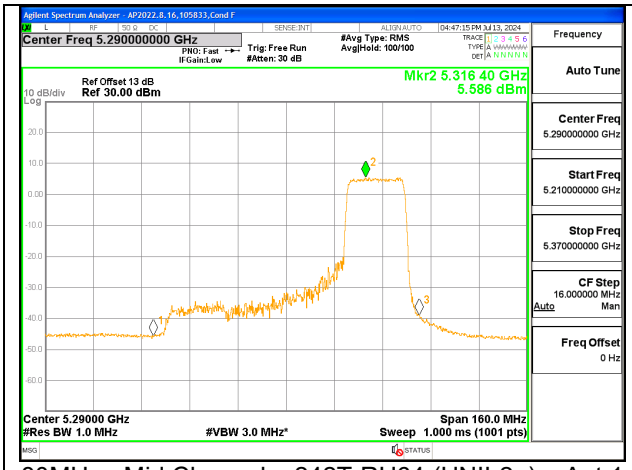
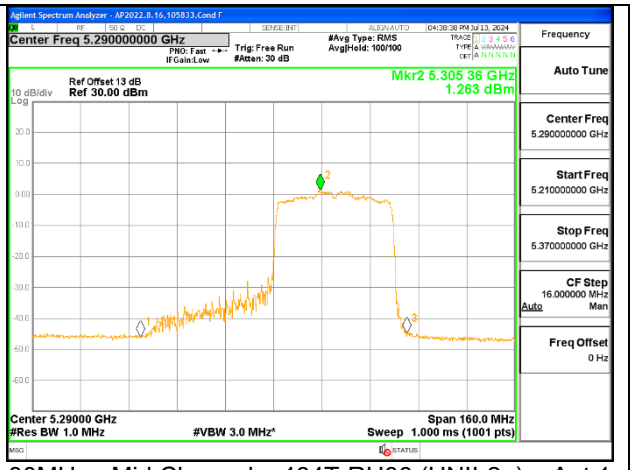
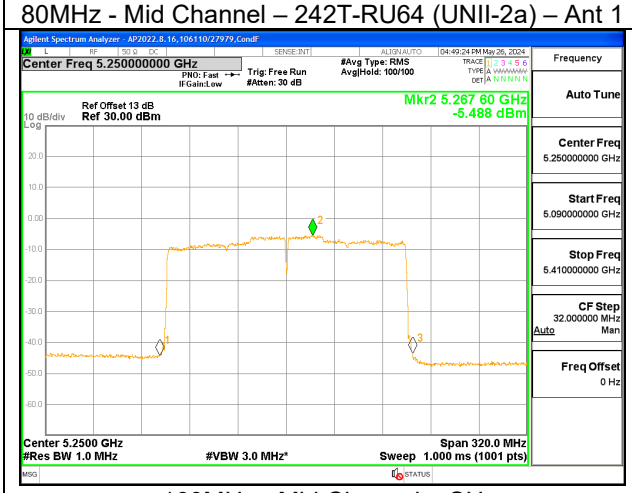


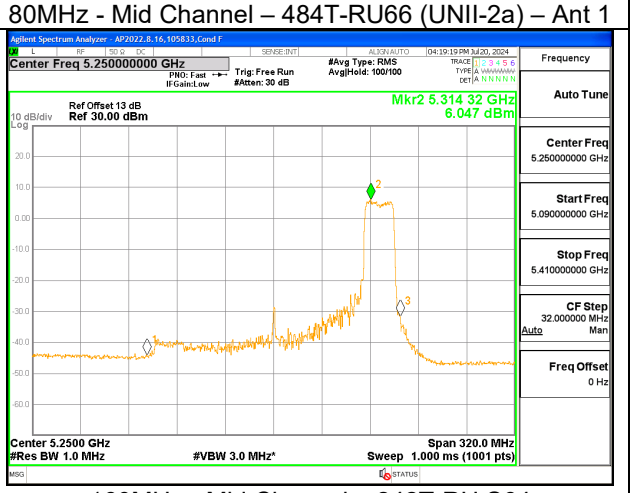
80MHz - Mid Channel – 242T-RU64 (UNII-2a) – Ant 1



80MHz - Mid Channel – 484T-RU66 (UNII-2a) – Ant 1



160MHz - Mid Channel – SU (UNII-2a) – Ant 1



160MHz - Mid Channel – 242T-RU S64 (UNII-2a) – Ant 1

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

UNII-2c (SISO)	20MHz		40MHz		80MHz		160MHz	
	SU	52T	SU	106T	SU	484T	SU	242T
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00	0.00	0.21	0.21	0.00
Ant 1 (dBi)	-0.40							
Ant 2 (dBi)	-1.40							

UNII-3 (SISO)	
Straddle Channel	
Ant 1 (dBi)	0.30
Ant 2 (dBi)	-0.40

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 1	Ant 2	Ant 1	Ant2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant2	Ant 1	Ant 2	Ant 1	Ant 2
EHT20 (FCC)	5500	100	SU	--	21.74	21.52	24.00	24.00	18.90	18.93	18.90	18.93	11.00	11.00	8.586	8.721	8.586	8.721
			52T	37	19.69	19.99	23.94	24.00	14.18	14.23	14.18	14.23			9.320	9.338	9.320	9.338
				38	18.81	18.97	23.74	23.78	14.22	14.17	14.22	14.17			9.425	9.369	9.425	9.369
				40	20.45	20.58	24.00	24.00	14.18	14.24	14.18	14.24			9.606	9.354	9.606	9.354
	5580	116	SU	--	21.20	20.97	24.00	24.00	19.98	19.95	**19.98**	19.95			9.812	9.744	9.812	9.744
			52T	37	19.71	19.90	23.95	23.99	14.24	14.19	14.24	14.19			9.460	9.326	9.460	9.326
				38	19.39	19.53	23.88	23.91	14.16	14.16	14.16	14.16			9.272	9.544	9.272	9.544
				40	20.30	20.43	24.00	24.00	14.22	14.23	14.22	14.23			9.388	9.394	9.388	9.394
	5700	140	SU	--	23.03	22.32	24.00	24.00	16.44	16.44	16.44	16.44			5.518	5.894	5.518	5.894
			52T	37	19.82	19.95	23.97	24.00	14.24	14.23	14.24	14.23			9.431	9.475	9.431	9.475
				38	18.98	19.37	23.78	23.87	14.23	14.17	14.23	14.17			9.514	9.259	9.514	9.259
				40	20.52	20.70	24.00	24.00	14.16	14.21	14.16	14.21			9.606	9.320	9.606	9.320
	5720 (Straddle)	144	SU	--	15.51	15.46	22.90	22.89	19.96	19.92	19.96	19.92			9.693	9.954	9.693	9.954
			52T	37	15.05	14.90	22.77	22.73	14.19	14.23	14.19	14.23			9.475	9.494	9.475	9.494
				38	14.46	14.65	22.60	22.66	14.23	14.23	14.23	14.23			9.662	9.219	9.662	9.219
				40	15.19	15.23	22.81	22.83	14.16	14.22	14.16	14.22			9.411	9.404	9.411	9.404
EHT40 (FCC)	5510	102	SU	--	42.08	45.01	24.00	24.00	15.91	15.94	15.91	15.94	11.00	11.00	3.883	4.065	3.883	4.065
			106T	53	22.13	22.08	24.00	24.00	14.19	14.20	14.19	14.20			5.637	5.798	5.637	5.798
				54	26.50	27.24	24.00	24.00	14.21	14.23	14.21	14.23			5.679	5.947	5.679	5.947
				56	24.79	24.35	24.00	24.00	14.15	14.24	14.15	14.24			5.545	6.138	5.545	6.138
	5550	110	SU	--	41.40	41.03	24.00	24.00	20.97	20.91	**20.97**	20.91			8.047	7.959	8.047	7.959
			106T	53	22.07	22.60	24.00	24.00	14.22	14.22	14.22	14.22			5.526	6.048	5.526	6.048
				54	26.67	28.05	24.00	24.00	14.18	14.17	14.18	14.17			5.504	6.041	5.504	6.041
				56	24.49	25.08	24.00	24.00	14.23	14.23	14.23	14.23			5.699	6.126	5.699	6.126
	5670	134	SU	--	42.76	45.64	24.00	24.00	18.93	18.95	18.93	18.95			6.417	6.422	6.417	6.422
			106T	53	21.87	22.82	24.00	24.00	14.23	14.24	14.23	14.24			5.578	6.127	5.578	6.127
				54	27.18	27.04	24.00	24.00	14.18	14.23	14.18	14.23			5.678	5.723	5.678	5.723
				56	24.90	24.69	24.00	24.00	14.18	14.24	14.18	14.24			5.532	5.996	5.532	5.996
	5710 (Straddle)	142	SU	--	41.21	41.39	24.00	24.00	20.91	20.94	20.91	20.94			7.850	7.844	7.850	7.844
			106T	53	21.65	22.74	24.00	24.00	14.21	14.23	14.21	14.23			5.885	6.173	5.885	6.173
				54	26.71	28.76	24.00	24.00	14.24	14.23	14.24	14.23			5.903	5.806	5.903	5.806
				56	24.41	24.20	24.00	24.00	14.23	14.17	14.23	14.17			5.793	5.836	5.793	5.836
EHT80 (FCC)	5530	106	SU	--	82.66	82.47	24.00	24.00	15.91	15.94	15.91	15.94	11.00	11.00	0.560	0.833	0.560	0.833
			484T	65	49.47	51.31	24.00	24.00	14.98	14.96	14.98	14.96			2.712	2.637	2.922	2.847
				66	56.30	54.19	24.00	24.00	14.93	14.92	14.93	14.92			2.411	2.468	2.621	2.678
	5610	122	SU	--	99.49	96.91	24.00	24.00	20.89	20.92	20.89	20.92			3.407	3.295	3.407	3.295
			484T	65	59.17	53.69	24.00	24.00	20.95	20.91	20.95	20.91			6.897	7.035	7.107	7.245
				66	61.85	61.58	24.00	24.00	20.94	20.96	20.94	**20.96**			7.166	7.093	7.376	7.303
	5690 (Straddle)	138	SU	--	82.54	82.31	24.00	24.00	20.91	20.92	20.91	20.92			3.220	3.184	3.220	3.184
			484T	65	51.62	54.25	24.00	24.00	17.91	17.92	17.91	17.92			4.757	5.002	4.967	5.212
				66	56.52	54.60	24.00	24.00	17.98	17.91	17.98	17.91			5.118	5.140	5.328	5.350
EHT160 (FCC)	5570	106	SU	--	164.50	164.60	24.00	24.00	15.44	15.45	15.44	15.45	11.00	11.00	-3.414	-3.487	-3.204	-3.277
			242T	61	28.13	29.07	24.00	24.00	17.91	17.94	17.91	17.94			6.477	6.107	6.477	6.107
				62	29.51	34.30	24.00	24.00	17.96	17.94	**17.96**	17.94			6.456	6.690	6.456	6.690
				S64	27.15	29.08	24.00	24.00	17.95	17.92	17.95	17.92			6.202	6.178	6.202	6.178

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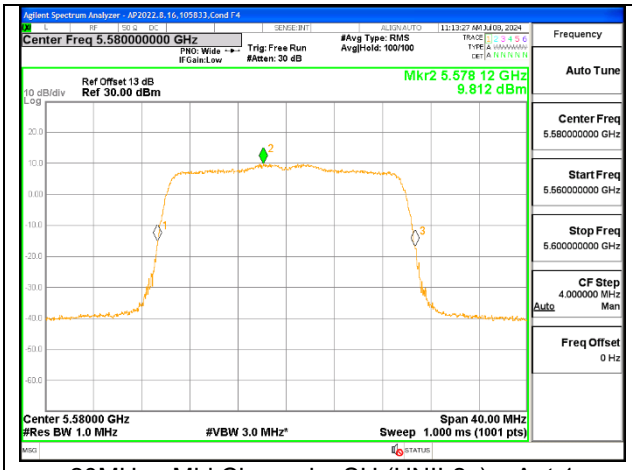
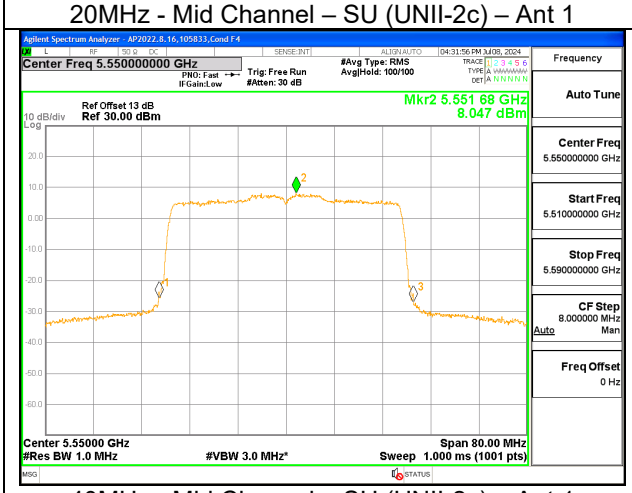
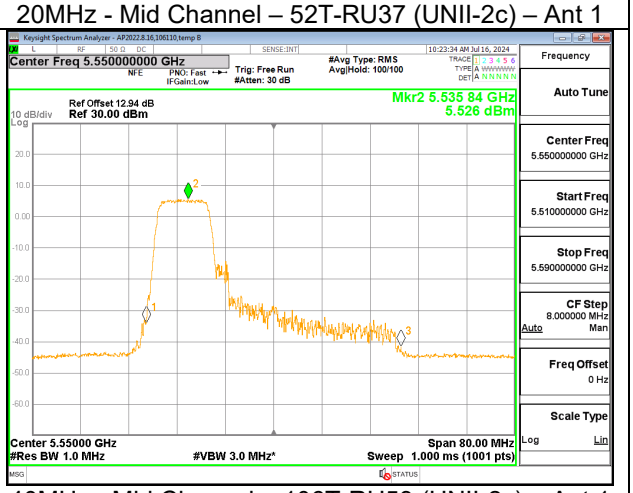


20MHz - Mid Channel – SU (UNII-2c) – Ant 1

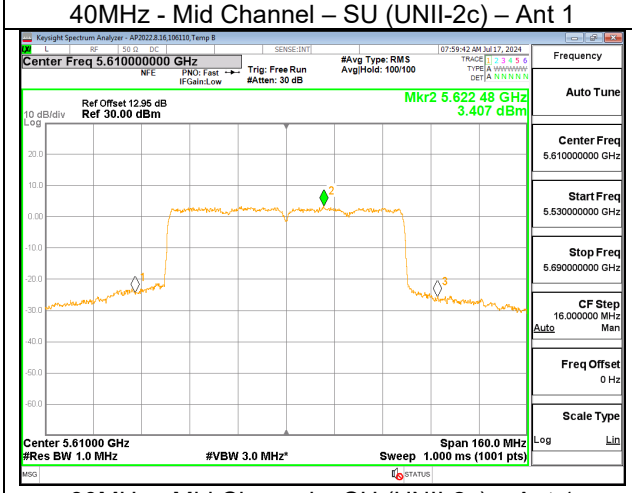
20MHz - Mid Channel – 52T-RU37 (UNII-2c) – Ant 1



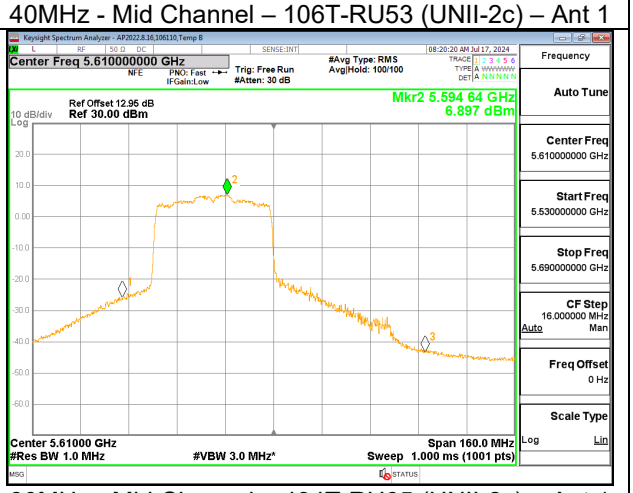
40MHz - Mid Channel – SU (UNII-2c) – Ant 1



40MHz - Mid Channel – 106T-RU53 (UNII-2c) – Ant 1



80MHz - Mid Channel – SU (UNII-2c) – Ant 1



80MHz - Mid Channel – 484T-RU65 (UNII-2c) – Ant 1

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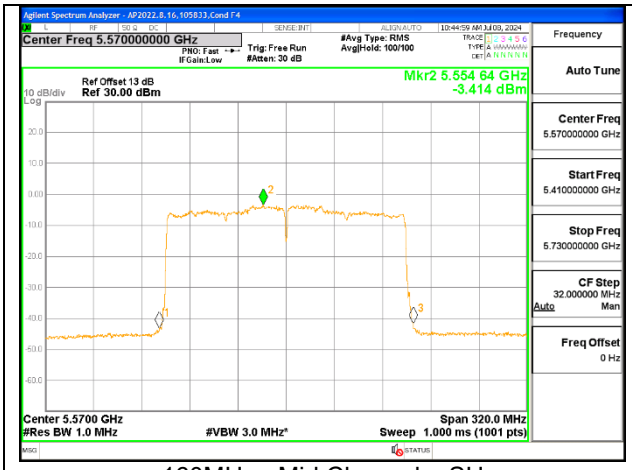
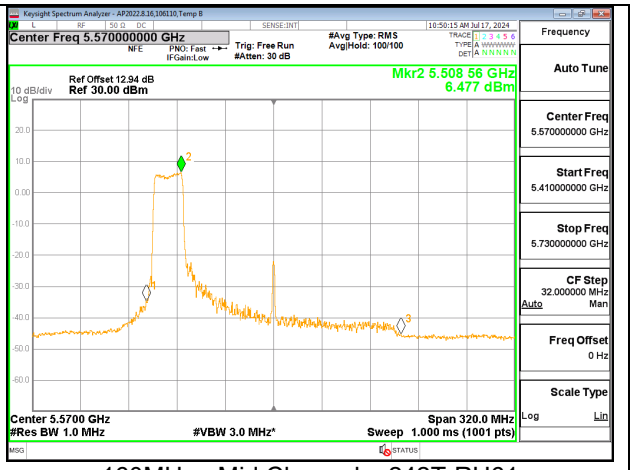


160MHz - Mid Channel – SU (UNII-2c) – Ant 1



160MHz - Mid Channel – 242T-RU61 (UNII-2c) – Ant 1

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

UNII-2c (MIMO CDD)	20MHz		40MHz		80MHz		160MHz	
	SU	52T	SU	106T	SU	484T	SU	242T
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00	0.00	0.21	0.21	0.00
Un-Correlated Gain (dBi)	-0.87							
Correlated Gain (dBi)	2.12							

UNII-3 (MIMO CDD)	
Straddle Channel	
Un-Corr. Gain (dBi)	-0.04
Corr. Gain (dBi)	2.97

UNII-2c (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 1	Ant 2			Ant 1	Ant 2	
EHT20 (FCC)	5500	100	SU	--	21.84	24.00	16.93	16.91	**19.93**	11.00	6.983	6.947	9.975
			52T	37	19.69	23.94	11.95	11.92	14.95		7.317	7.281	10.309
				38	18.34	23.63	11.96	11.97	14.98		7.298	7.314	10.316
				40	19.61	23.92	11.93	11.92	14.94		7.191	6.909	10.063
	5580	116	SU	--	21.12	24.00	16.89	16.91	19.91		6.905	7.095	10.011
			52T	37	19.65	23.93	11.97	11.97	14.98		7.211	7.203	10.217
				38	18.38	23.64	11.93	11.95	14.95		7.229	7.196	10.223
				40	19.71	23.95	11.91	11.94	14.94		7.315	6.942	10.143
	5700	140	SU	--	23.54	24.00	15.96	15.91	18.95		6.098	6.142	9.130
			52T	37	19.80	23.97	11.94	11.93	14.95		7.365	7.346	10.366
				38	18.24	23.61	11.98	11.92	14.96		7.391	6.877	10.152
				40	19.66	23.94	11.89	11.94	14.93		7.216	7.134	10.185
	5720 (Straddle)	144	SU	--	15.64	22.94	16.97	16.64	19.82		6.499	6.867	9.697
			52T	37	14.92	22.74	11.97	11.93	14.96		7.358	7.065	10.224
				38	14.05	22.48	11.97	11.97	14.98		7.125	7.149	10.147
				40	14.90	22.73	11.89	11.91	14.91		7.183	7.352	10.279
EHT40 (FCC)	5510	102	SU	--	42.45	24.00	15.46	15.46	18.47	11.00	3.160	3.288	6.235
			106T	53	19.95	24.00	14.18	14.18	17.19		6.461	6.138	9.313
				54	24.84	24.00	14.19	14.17	17.19		6.435	6.272	9.365
				56	20.38	24.00	14.19	14.22	17.22		6.344	6.431	9.398
	5550	110	SU	--	41.03	24.00	19.93	19.97	**22.96**		6.647	6.794	9.731
			106T	53	19.87	23.98	14.19	14.23	17.22		6.427	6.273	9.361
				54	25.95	24.00	14.19	14.21	17.21		6.287	6.415	9.362
				56	19.96	24.00	14.22	14.23	17.24		6.197	6.358	9.289
	5670	134	SU	--	40.24	24.00	18.42	18.42	21.43		5.826	5.675	8.761
			106T	53	19.73	23.95	14.15	14.17	17.17		6.383	6.026	9.218
				54	25.80	24.00	14.24	14.23	17.25		6.393	6.471	9.442
				56	20.27	24.00	14.24	14.22	17.24		6.365	6.303	9.344
	5710 (Straddle)	142	SU	--	41.18	24.00	19.93	19.91	22.93		6.527	6.840	9.697
			106T	53	20.00	24.00	14.22	14.18	17.21		6.361	6.530	9.457
				54	23.98	24.00	14.24	14.23	17.25		6.495	6.337	9.427
				56	20.13	24.00	14.23	14.17	17.21		6.421	6.283	9.363
EHT80 (FCC)	5530	106	SU	--	83.19	24.00	14.98	14.93	17.97	11.00	-0.237	-0.495	2.646
			484T	65	47.82	24.00	14.31	14.41	17.37		1.918	1.902	5.130
				66	52.66	24.00	14.46	14.42	17.45		2.127	1.976	5.272
	5610	122	SU	--	86.24	24.00	19.96	19.92	**22.95**		2.215	2.338	5.287
			484T	65	45.27	24.00	19.95	19.93	22.95		6.842	7.013	10.149
				66	56.67	24.00	19.91	19.96	22.95		7.091	6.852	10.193
	5690 (Straddle)	138	SU	--	81.59	24.00	19.93	19.93	22.94		2.154	2.498	5.340
			484T	65	48.45	24.00	17.45	17.42	20.45		4.535	4.243	7.612
				66	52.22	24.00	17.45	17.43	20.45		4.455	4.572	7.734
EHT160 (FCC)	5570	106	SU	--	164.20	24.00	14.97	14.92	17.96	11.00	-3.606	-3.672	-0.419
			242T	61	27.28	24.00	16.94	16.98	**19.97**		5.246	5.116	8.192
				62	30.45	24.00	16.91	16.97	19.95		5.147	5.017	8.093
				S64	26.56	24.00	16.95	16.93	19.95		5.077	4.800	7.951

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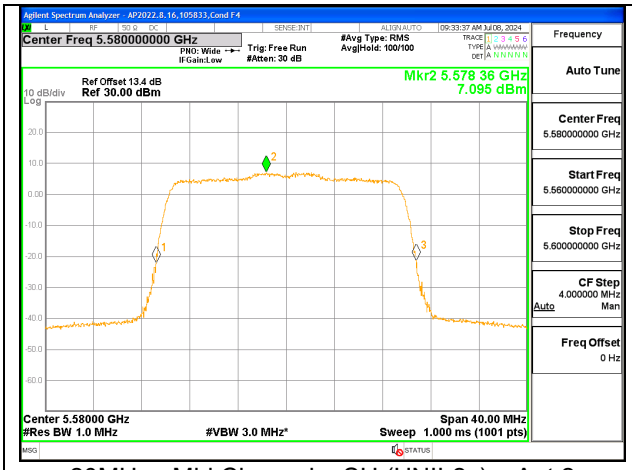
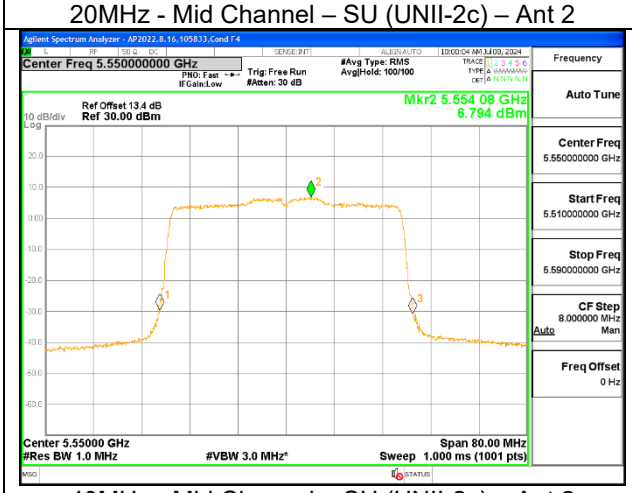
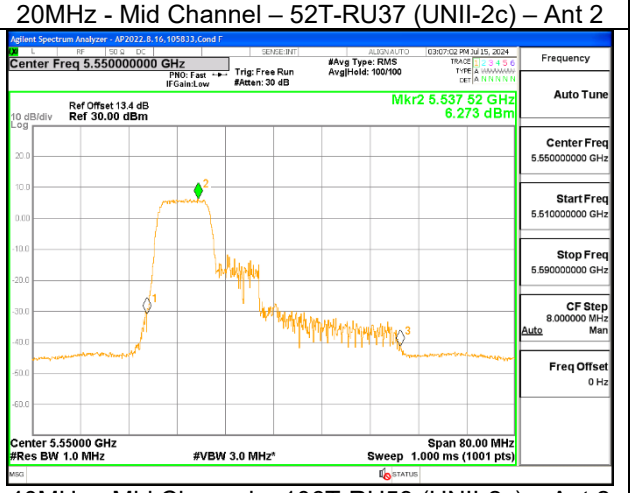


20MHz - Mid Channel – SU (UNII-2c) – Ant 2

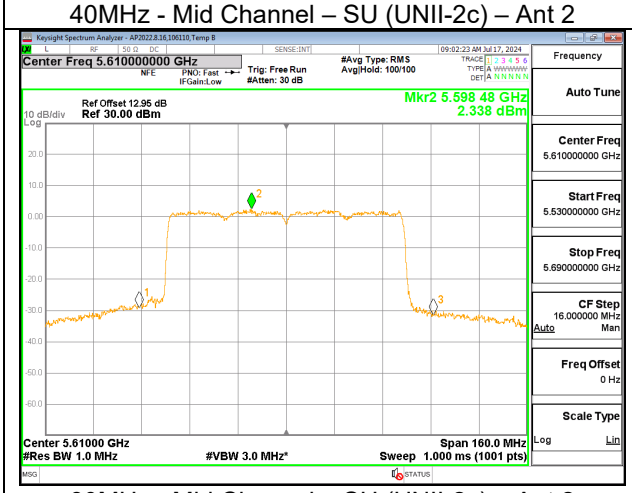
20MHz - Mid Channel – 52T-RU37 (UNII-2c) – Ant 2



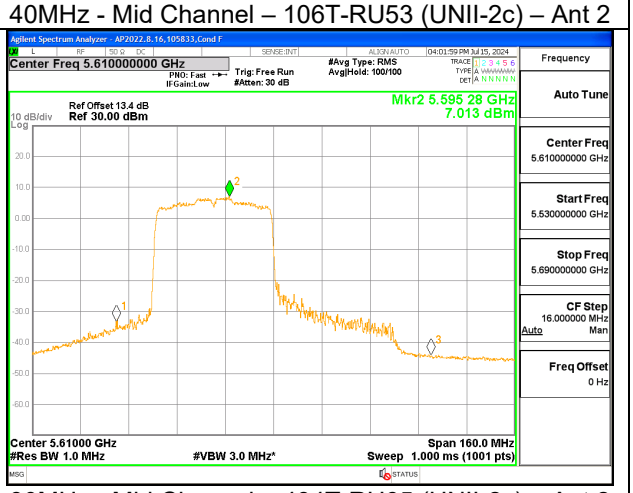
40MHz - Mid Channel – SU (UNII-2c) – Ant 2



40MHz - Mid Channel – 106T-RU53 (UNII-2c) – Ant 2



80MHz - Mid Channel – SU (UNII-2c) – Ant 2



80MHz - Mid Channel – 484T-RU65 (UNII-2c) – Ant 2

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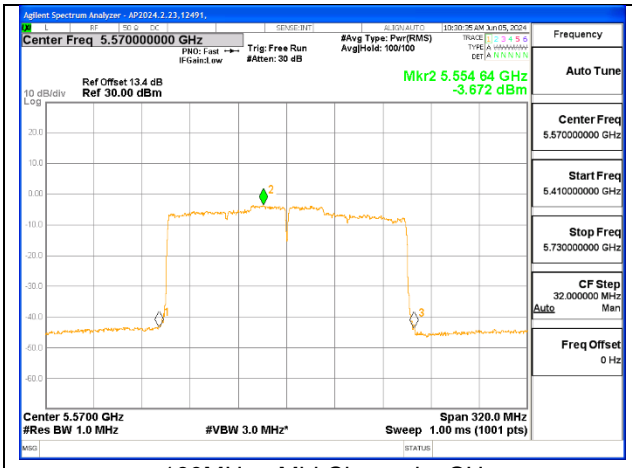
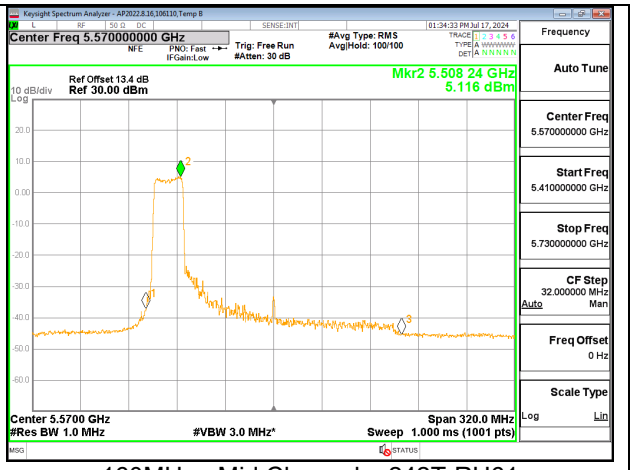


160MHz - Mid Channel – SU (UNII-2c) – Ant 2



160MHz - Mid Channel – 242T-RU61 (UNII-2c) – Ant 2

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

UNII-3 (SISO)	20MHz		40MHz		80MHz		160MHz	
	SU	26T	SU	26T	SU	52+26T	SU	Partial RU
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Ant 1 (dBi)	0.30							
Ant 2 (dBi)	-0.40							

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 1	Ant 2	Ant 1	Ant2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant2	Ant 1	Ant 2	Ant 1	Ant 2
EHT20	5745	149	SU	--	--		30	30	20.97	20.92	**20.97**	20.92	30	30	6.669	6.700	6.669	6.700
			26T	0					11.18	11.22	11.18	11.22			5.602	5.386	5.602	5.386
				4					11.19	11.22	11.19	11.22			5.691	5.285	5.691	5.285
				8					11.22	11.16	11.22	11.16			5.619	5.486	5.619	5.486
	5785	157	SU	--					20.93	20.93	20.93	20.93			6.779	7.028	6.779	7.028
			26T	0					11.17	11.23	11.17	11.23			5.515	5.417	5.515	5.417
				4					11.21	11.23	11.21	11.23			5.645	5.505	5.645	5.505
				8					11.19	11.19	11.19	11.19			5.546	5.574	5.546	5.574
	5825	165	SU	--					20.96	20.97	20.96	**20.97**			6.792	7.074	6.792	7.074
			26T	0					11.18	11.23	11.18	11.23			5.645	5.546	5.645	5.546
				4					11.19	11.22	11.19	11.22			5.341	5.524	5.341	5.524
				8					11.18	11.23	11.18	11.23			5.319	5.639	5.319	5.639
EHT40	5755	151	SU	--	--		30	30	20.91	20.91	20.91	20.91	30	30	3.547	3.635	3.547	3.635
			26T	0					8.23	8.24	8.23	8.24			2.709	2.532	2.709	2.532
				9					8.19	8.17	8.19	8.17			2.864	2.873	2.864	2.873
				17					8.19	8.23	8.19	8.23			2.808	2.721	2.808	2.721
	5795	159	SU	--					20.91	20.92	20.91	**20.92**			3.612	3.932	3.612	3.932
			26T	0					8.22	8.22	8.22	8.22			2.779	2.793	2.779	2.793
				9					8.17	8.16	8.17	8.16			2.678	2.578	2.678	2.578
				17					8.23	8.18	8.23	8.18			2.702	2.537	2.702	2.537
EHT80	5775	155	SU	--	--		30	30	20.91	20.91	**20.91**	**20.91**	30	30	2.303	2.304	2.303	2.304
			MRU52+6T	71					9.74	9.73	9.74	9.73			-0.137	-0.214	-0.137	-0.214
				74					9.70	9.68	9.70	9.68			0.188	0.088	0.188	0.088
				80					9.71	9.69	9.71	9.69			-0.132	-0.253	-0.132	-0.253

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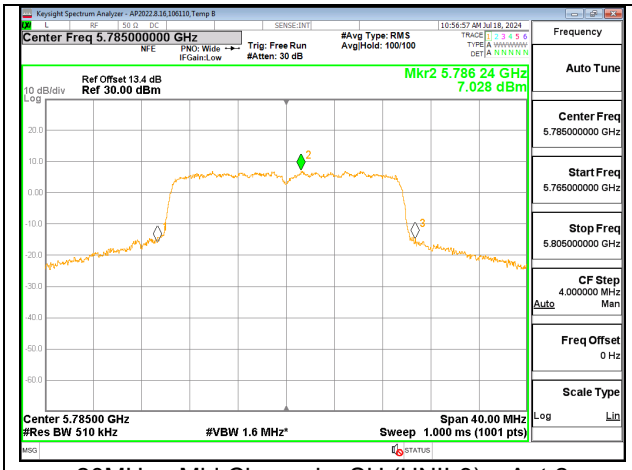
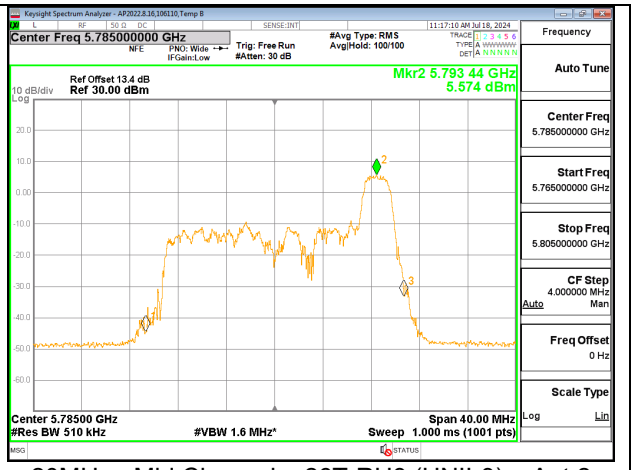
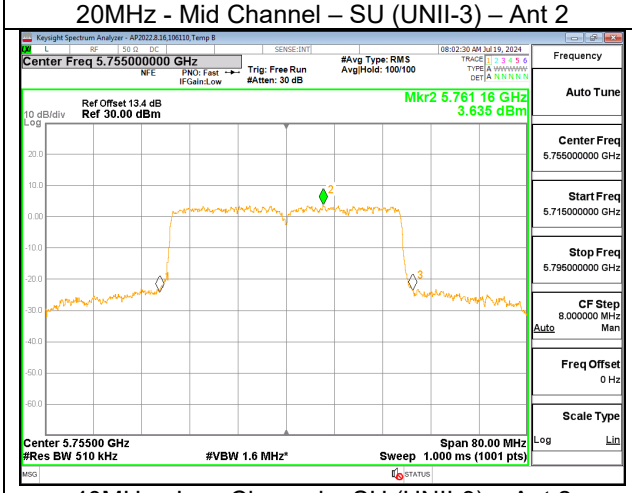


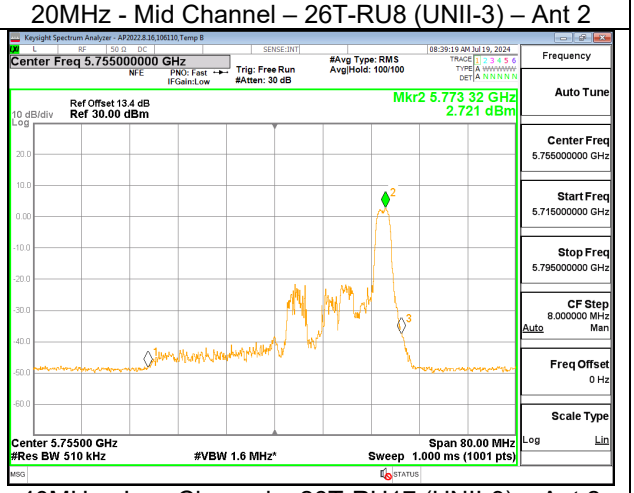
20MHz - Mid Channel – SU (UNII-3) – Ant 2



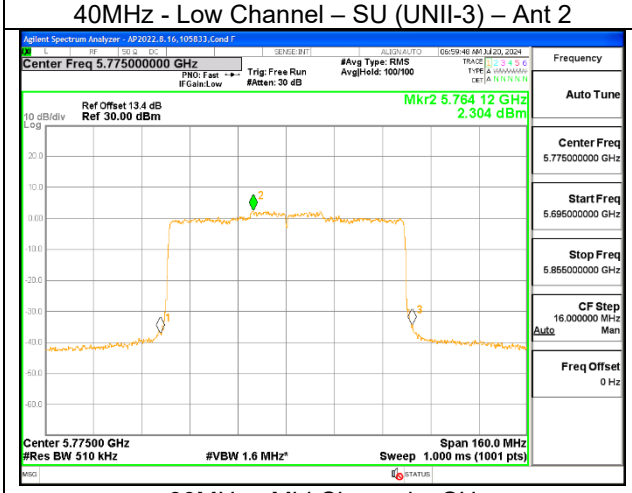
20MHz - Mid Channel – 26T-RU8 (UNII-3) – Ant 2



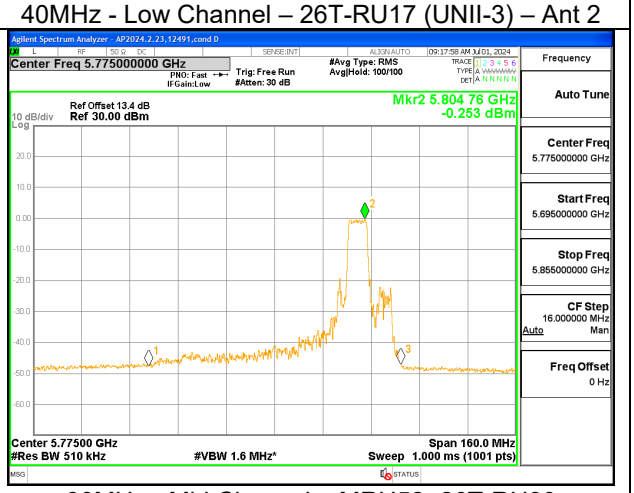
40MHz - Low Channel – SU (UNII-3) – Ant 2



40MHz - Low Channel – 26T-RU17 (UNII-3) – Ant 2



80MHz - Mid Channel – SU (UNII-3) – Ant 2



80MHz - Mid Channel – MRU52+26T-RU80 (UNII-3) – Ant 2

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

UNII-3 (MIMO CDD)	20MHz		40MHz		80MHz		160MHz	
	SU	26T	SU	26T	SU	52+26T	SU	Partial RU
DCCF (MCS0) (dB)	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Un-Correlated Gain (dBi)	-0.04							
Correlated Gain (dBi)	2.97							

UNII-3 (MIMO CDD)	Freq (MHz)	Ch. #	Tone	RU Index	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/500kHz)	PSD (dBm/500kHz)		Total MIMO Corrected PSD (dBm/500kHz)
							Ant 1	Ant 2			Ant 1	Ant 2	
EHT20	5745	149	SU	--	--	30	20.93	20.94	23.95	30	6.343	6.461	9.413
			26T	0			11.17	11.14	14.17		5.196	4.999	8.109
				4			11.18	11.22	14.21		5.281	4.808	8.061
				8			11.22	11.21	14.23		5.286	4.916	8.115
	5785	157	SU	--			20.93	20.96	23.96		6.388	6.660	9.536
			26T	0			11.23	11.24	14.25		5.314	4.808	8.079
				4			11.18	11.17	14.19		5.204	5.022	8.124
				8			11.17	11.23	14.21		5.111	5.213	8.173
	5825	165	SU	--			20.92	20.97	**23.96**		6.491	6.603	9.558
			26T	0			11.16	11.24	14.21		5.034	5.270	8.164
				4			11.23	11.23	14.24		5.185	5.351	8.279
				8			11.19	11.20	14.21		5.278	5.440	8.370
EHT40	5755	151	SU	--	--	30	20.96	20.97	**23.98**	30	3.765	4.026	6.908
			26T	0			8.22	8.23	11.24		2.698	2.847	5.783
				9			8.19	8.24	11.23		2.869	2.607	5.750
				17			8.17	8.23	11.21		2.665	2.718	5.702
	5795	159	SU	--			20.93	20.96	23.96		4.032	3.692	6.876
			26T	0			8.23	8.24	11.25		2.906	2.897	5.912
				9			8.23	8.18	11.22		3.078	3.028	6.063
				17			8.19	8.19	11.20		2.770	3.070	5.933
EHT80	5775	155	SU	--	--	30	20.94	20.97	**23.97**	30	2.373	2.073	5.236
			MRU52+6T	71			9.70	9.68	12.70		0.093	0.127	3.120
				74			9.72	9.74	12.74		0.216	0.157	3.197
				80			9.71	9.68	12.71		-0.106	-0.219	2.848

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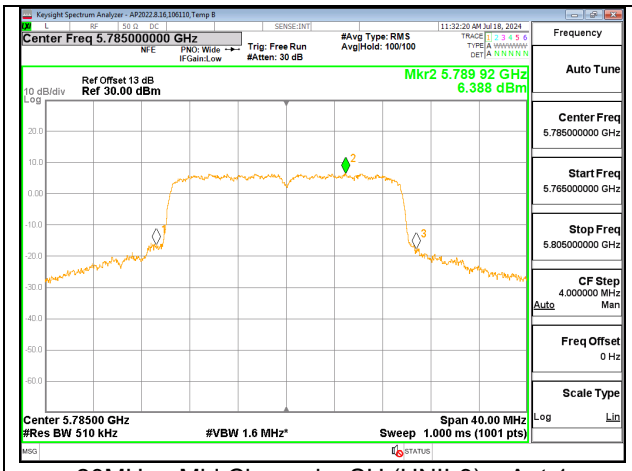
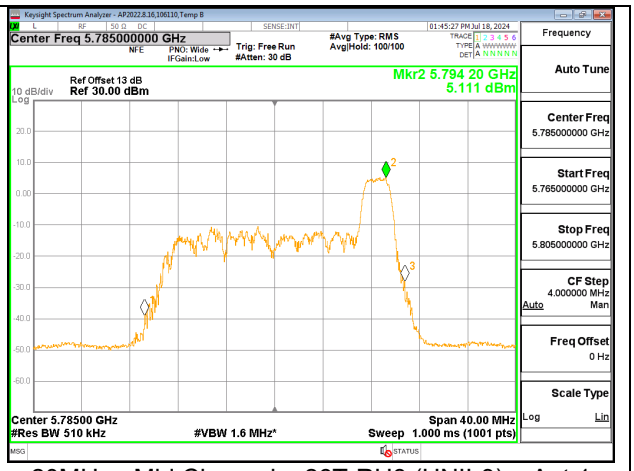
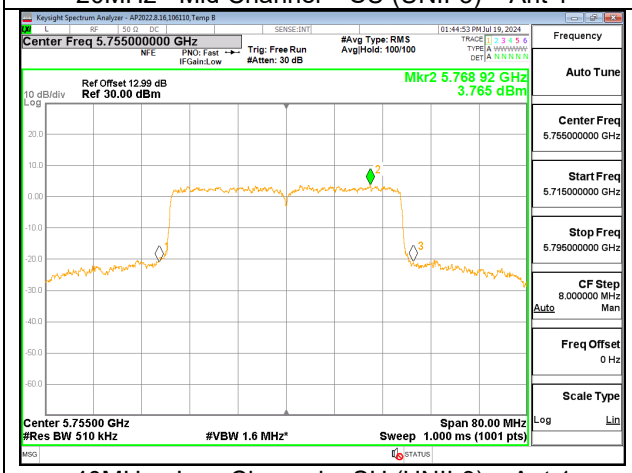


20MHz - Mid Channel – SU (UNII-3) – Ant 1

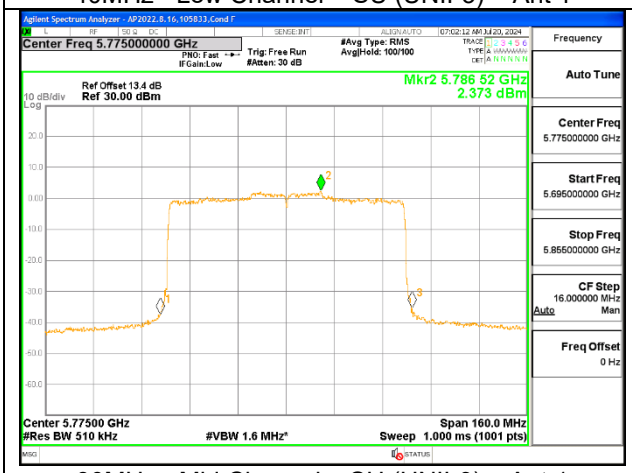


20MHz - Mid Channel – 26T-RU8 (UNII-3) – Ant 1

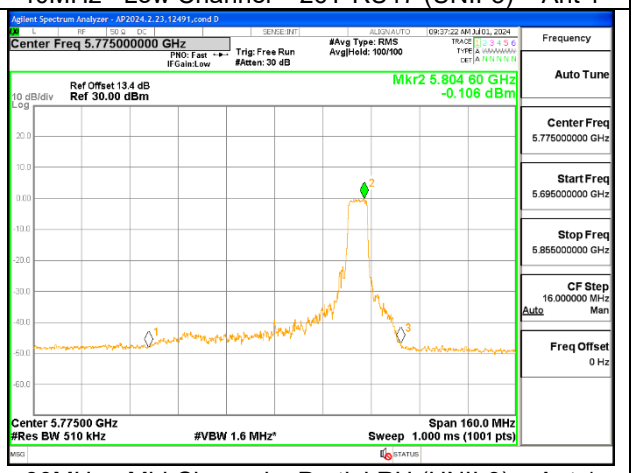


40MHz - Low Channel – SU (UNII-3) – Ant 1

40MHz - Low Channel – 26T-RU17 (UNII-3) – Ant 1



80MHz - Mid Channel – SU (UNII-3) – Ant 1



80MHz - Mid Channel – Partial RU (UNII-3) – Ant 1

END OF TEST REPORT

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