

10.1.6. 802.11be EHT320 MODE

Output Power Results

Mode	Band	Channel	Center Freq. [MHz]	Tone	RU Offset	Output power (dBm)									ANT Gain	Result (dBm)						
						SP			LPI			VLP				SP		LPI		VLP		
						ANT1	ANT2	ALL	ANT1	ANT2	ALL	ANT1	ANT2	ALL		Result	Limit	Result	Limit	Result	Limit	
EHT320	UNII-5	31	6105	26T	0LL	9.95	10.32	13.15	-0.09	0.13	3.03	-4.82	-4.67	-1.73	10.02	-0.10	-	-4.86	-			
					0MH	10.10	10.05	13.09	-0.17	0.05	2.95	-5.25	-4.96	-2.09	9.96	-0.18	-	-5.22	-			
					36HH	10.24	9.81	13.04	0.02	-0.38	2.83	-5.00	-5.31	-2.14	9.91	-0.30	-	-5.27	-			
				52T	37LL	12.90	13.20	16.06	3.08	3.12	6.11	-2.11	-1.67	1.13	12.93	2.98	-	-2.00	-			
					37MH	12.78	12.88	15.84	2.62	2.78	5.71	-2.21	-2.16	0.83	12.71	2.58	-	-2.30	-			
					52HH	13.00	12.75	15.89	2.91	2.62	5.78	-1.97	-2.48	0.79	12.76	2.65	-	-2.34	-			
				106T	53LL	14.11	14.46	17.30	5.52	6.28	8.93	0.77	1.19	4.00	14.17	5.80	-	0.87	-			
					53MH	13.60	13.67	16.65	6.53	5.54	9.07	0.70	0.89	3.81	13.52	5.94	-	0.68	-			
					60HH	14.00	13.67	16.85	6.94	5.52	9.30	1.44	0.98	4.23	13.72	6.17	-	1.10	-			
				242T	61LL	15.99	16.50	19.26	9.97	10.28	13.14	5.09	5.40	8.26	16.13	10.01	-	5.13	-			
					61MH	15.76	15.84	18.81	9.88	9.87	12.89	4.66	5.04	7.86	15.68	9.76	-	4.73	-			
					64HH	15.86	15.57	18.73	10.28	9.98	13.14	4.97	5.01	8.00	15.60	10.01	-	4.87	-			
				484T	65LL	16.00	16.47	19.25	11.97	12.21	15.10	8.08	7.67	10.89	16.12	11.97	-	7.76	-			
					65MH	15.92	16.18	19.06	11.83	11.88	14.87	8.23	8.34	11.30	15.93	11.74	-	8.17	-			
					66HH	16.24	16.14	19.20	12.03	11.74	14.90	8.43	8.29	11.37	16.07	11.77	-	8.24	-			
				996T	67LL	16.00	16.45	19.24	15.06	15.27	18.18	10.77	11.00	13.90	16.11	15.05	-	10.77	-			
					67MH	16.21	16.20	19.22	15.11	15.08	18.11	10.88	10.81	13.86	16.09	14.98	-	10.73	-			
					67HH	16.38	16.14	19.27	15.32	15.05	18.20	11.02	10.75	13.90	16.14	15.07	-	10.77	-			
				996T*2	68L	15.95	16.21	19.09	15.75	16.09	18.93	11.03	11.24	14.15	15.96	15.80	-	11.02	-			
					68H	15.82	15.64	18.74	15.91	15.61	18.77	10.91	10.72	13.83	15.61	15.64	-	10.70	-			
					1101	16.00	16.24	19.13	16.21	16.48	19.36	11.08	11.18	14.14	16.00	16.23	-	11.01	-			
				996T*2+484T	100	15.69	15.82	18.77	15.68	15.80	18.75	11.11	11.13	14.13	15.64	15.62	-	11.00	-			
					10102	15.93	15.80	18.88	15.69	15.59	18.65	11.15	10.94	14.06	15.75	15.52	-	10.93	-			
					11104	15.66	15.90	18.79	15.63	15.79	18.72	10.96	10.96	13.97	15.66	15.59	-	10.84	-			
				996T*3	10104	15.81	16.00	18.92	15.81	15.90	18.87	11.11	11.14	14.14	15.79	15.74	-	11.01	-			
					104	16.02	16.06	19.05	15.80	15.74	18.78	10.91	10.72	13.83	15.92	15.65	-	10.70	-			
					11106	15.65	15.77	18.72	15.80	15.80	18.81	10.96	10.95	13.97	15.59	15.68	-	10.84	-			
				996T*3+484T	1106	15.63	15.69	18.67	15.62	15.68	18.66	10.97	10.86	13.93	15.54	15.53	-	10.80	-			
					105	15.88	15.84	18.87	15.66	15.62	18.65	10.98	11.06	14.03	15.74	15.52	-	10.90	-			
					SU	-	15.86	15.99	18.94	15.72	15.76	18.75	11.13	11.02	14.09	15.81	15.62	-	10.96	-		
				UNII-6	63	6265	26T	0LL	9.94	10.11	13.04	-0.30	0.10	2.91	-5.16	-4.78	-1.96	9.91	-0.22	-	-5.09	-
								0MH	10.48	10.20	13.35	0.18	-0.04	3.08	-4.75	-5.06	-1.89	10.22	-0.05	-	-5.02	-
								36HH	10.24	10.14	13.20	-0.20	0.28	3.06	-5.07	-4.62	-1.83	10.07	-0.07	-	-4.96	-
							52T	37LL	12.90	12.95	15.94	2.81	3.14	5.99	-2.34	-1.89	0.90	12.81	2.86	-	-2.23	-
								37MH	13.32	13.10	16.22	3.77	3.19	6.50	-1.89	-2.02	1.06	13.09	3.37	-	-2.07	-
								52HH	12.99	12.76	15.89	3.22	2.88	6.06	-2.22	-1.74	1.04	12.76	2.93	-	-2.09	-
							106T	53LL	13.63	13.98	16.82	6.55	5.94	9.27	0.51	0.97	3.76	13.69	6.14	-	0.63	-
								53MH	14.10	13.96	17.04	5.59	5.81	8.71	1.00	0.91	3.97	13.91	5.58	-	0.84	-
								60HH	13.94	13.89	16.93	5.81	6.13	8.98	0.70	1.18	3.96	13.80	5.85	-	0.83	-
							242T	61LL	15.97	16.27	19.13	9.51	9.91	12.72	4.53	5.24	7.91	16.00	9.59	-	4.78	-
								61MH	15.94	15.89	18.93	10.02	9.78	12.91	5.01	5.39	8.21	15.80	9.78	-	5.08	-
								64HH	16.32	16.19	19.27	9.80	9.68	12.75	4.91	5.32	8.13	16.14	9.62	-	5.00	-
							484T	65LL	15.73	15.98	18.87	12.00	12.06	15.04	7.50	8.03	10.78	15.74	11.91	-	7.65	-
								65MH	16.34	16.06	19.21	12.39	12.14	15.28	8.08	8.31	11.21	16.08	12.15	-	8.08	-
								66HH	15.83	15.88	18.87	12.34	12.15	15.26	7.91	8.13	11.03	15.74	12.13	-	7.90	-
							996T	67LL	15.97	16.16	19.08	14.87	14.86	17.88	10.86	10.97	13.93	15.95	14.75	-	10.80	-
								67MH	16.30	16.02	19.17	15.15	15.08	18.13	10.94	10.79	13.88	16.04	15.00	-	10.75	-
								67HH	16.25	16.10	19.19	15.02	14.86	17.95	11.16	11.01	14.10	16.06	14.82	-	10.97	-
							996T*2	68L	15.85	15.91	18.89	16.16	16.22	19.20	11.02	10.93	13.99	15.76	16.07	-	10.86	-
								68H	16.44	16.14	19.30	15.67	15.60	18.65	11.18	11.01	14.11	16.17	15.52	-	10.98	-
	1101	15.99	16.42					19.22	15.78	16.18	18.99	11.22	11.38	14.31	16.09	15.86	-	11.18	-			
	996T*2+484T	100	15.95				15.87	18.92	15.94	15.89	18.93	11.40	11.05	14.24	15.79	15.80	-	11.11	-			
		10102	16.20				16.11	19.17	16.19	16.03	19.12	11.09	10.78	13.95	16.04	15.99	-	10.82	-			
		11104	16.00				15.89	18.96	15.75	15.79	18.78	11.12	10.86	14.00	15.83	15.65	-	10.87	-			
	996T*3	10104	15.91				15.89	18.91	15.90	15.97	18.95	11.43	11.18	14.32	15.78	15.82	-	11.19	-			
		104	16.01				15.88	18.96	16.00	15.92	18.97	11.36	11.11	14.25	15.83	15.84	-	11.12	-			
		11106	16.00				15.93	18.98	15.97	15.75	18.87	11.25	11.10	14.19	15.85	15.74	-	11.06	-			
	996T*3+484T	1106	16.05				15.93	19.00	16.01	15.78	18.91	11.28	11.12	14.21	15.87	15.78	-	11.08	-			
		105	16.41				16.12	19.28	16.12	15.97	19.06	11.12	10.90	14.02	16.15	15.93	-	10.89	-			
		SU	-				16.15	16.07	19.12	15.72	16.03	18.89	10.88	10.87	13.89	15.99	15.76	-	10.76	-		
	UNII-6	95	6425				26T	0LL	-	-	-	0.35	-0.80	2.82	-4.15	-5.56	-1.79	-	-1.32	-	-5.93	-
								0MH	-	-	-	0.50	0.16	3.34	-4.87	-5.56	-2.19	-	-0.80	-	-6.33	-
								36HH	-	-	-	0.21	0.10	3.17	-4.89	-5.16	-2.01	-	-0.97	-	-6.15	-
							52T	37LL	-	-	-	3.28	2.68	6.00	-1.26	-2.51	1.17	-	1.86	-	-2.97	-
								37MH	-	-	-	3.71	3.18	6.46	-1.97	-2.45	0.81	-	2.32	-	-3.33	-
								52HH	-	-	-	3.17	2.44	5.83	-2.02	-2.11	0.95	-	1.69	-	-3.19	-
							106T	53LL	-	-	-	6.64	5.51	9.12	2.06	1.36	4.73	-	4.98	-	0.59	-
								53MH	-	-	-	5.49	5.99	8.76	1.44	0.94	4.21	-	4.62	-	0.07	-
								60HH	-	-	-	6.58	5.71	9.18	1.79	0.80	4.33	-	5.04	-	0.19	-
							242T	61LL	-	-	-	10.03	10.07	13.06	4.63	5.17	7.92	-	8.92	-	3.78	-
								61MH	-	-	-	9.84	9.94	12.90	4.99	5.57	8.30	-	8.76	-	4.16	-
								64HH	-	-	-	10.11	10.17	13.15	4.69	5.32	8.03	-	9.01	-	3.89	-
							484T	65LL	-	-	-	12.25	11.97	15.12	8.12	8.51	11.33	-	10.98	-	7.19	-
								65MH	-	-	-	12.40	12.27	15.35	8.03	7.49	10.78	-	11.21	-	6.64	-
								66HH	-	-	-	12.41	12.10	15.27	7.99	7.37	10.70	-	11.13	-	6.56	-
							996T	67LL	-	-	-	14.83	14.71	17.78	10.73	10.60	13.68	-	13.64	-	9.54	-
								67MH	-	-	-	15.40	15.11	18.27	10.97	10.93	13.96	-	14.13	-	9.82	-
								67HH	-	-	-	15.00	14.86	17.94	10.68	10.63	13.67	-	13.80	-	9.53	-
							996T*2	68L	-	-	-	15.94	15.74	18.85	10.73	10.70	13.73	-	14.71	-	9.59	-
								68H	-	-	-	16.03	15.98	19.02	10.91	10.87	13.90	-	14.88	-	9.76	-
				1101	-	-		-	16.28	16.03	19.17	11.34	11.33	14.35	-	15.03	-	10.21	-			
				996T*2+484T	100	-	-	-	16.38	16.06	19.23	10.90	10.76	13.84	-	15.09	-	9.70	-			
					10102	-	-	-	16.11	15.91	19.02	11.06	10.87	13.98	-	14.88	-	9.84	-			
					11104	-	-	-	16.23	15.96	19.11	10.75	10.59	13.68	-	14.97	-	9.54	-			
				996T*3	10104	-	-	-	15.98	15.82	18.91	10.78	10.59	13.70	-	14.77	-	9.56	-			
					104	-	-	-	15.97	15.80	18.90	10.78	10.66	13.73	-	14.76	-	9.59	-			
					11106	-	-	-	16.35	16.04	19.21	10.95	10.74	13.86	-	15.07	-	9.72	-			
				996T*3+484T	1106	-	-	-	16.27	15.81	19.06											

Mode	Band	Channel	Center Freq. [MHz]	Tone	RU Offset	Output power (dBm)									ANT Gain	Result (dBm)						
						SP			LPI			VLP				SP		LPI		VLP		
						ANT1	ANT2	ALL	ANT1	ANT2	ALL	ANT1	ANT2	ALL		Result	Limit	Result	Limit	Result	Limit	
EHT320	UNII-7	127	6585	26T	0LL				0.50	-0.42	3.07	-4.68	-5.30	-1.97	-3.52					-0.45		-5.49
					0MH				0.38	0.04	3.22	-4.73	-4.89	-1.80						-0.30		-5.32
					36HH				0.70	-0.49	3.16	-4.47	-5.35	-1.88						-0.36		-5.40
				52T	37LL				2.78	2.91	5.86	-1.56	-2.39	1.06						2.34		-2.46
					37MH				3.55	3.20	6.39	-1.63	-1.97	1.21						2.87		-2.31
					52HH				2.91	2.91	5.92	-1.39	-2.45	1.12						2.40		-2.40
				106T	53LL				5.70	6.41	9.08	1.26	0.66	3.98						5.56		0.46
					53MH				5.41	6.06	8.76	1.27	0.91	4.10						5.24		0.58
					60HH				6.60	5.55	9.12	1.56	0.44	4.05						5.60		0.53
				242T	61LL				10.14	10.20	13.18	4.79	5.44	8.14						9.66		4.62
					61MH				9.87	9.89	12.89	4.53	5.07	7.82						9.37		4.30
					64HH				9.82	9.71	12.78	4.64	5.20	7.94						9.26		4.42
				484T	65LL				11.57	11.70	14.65	7.79	8.25	11.04						11.13		7.52
					65MH				11.81	11.86	14.85	7.60	7.92	10.77						11.33		7.25
					66HH				12.26	12.19	15.24	7.91	8.07	11.00						11.72		7.48
				996T	67LL				14.86	15.11	18.00	11.19	11.28	14.25						14.48		10.73
					67MH				14.92	14.88	17.91	10.81	10.88	13.86						14.39		10.34
					67HH				14.79	14.64	17.73	10.74	10.78	13.77						14.21		10.25
				996T*2	68L				16.00	16.03	19.03	11.13	11.12	14.14						15.51		10.62
					68H				15.83	16.05	18.95	10.59	10.70	13.66						15.43		10.14
				996T*2+484T	1101				15.76	15.82	18.80	11.09	11.11	14.11						15.28		10.59
					100				15.69	15.73	18.72	10.92	10.91	13.93						15.20		10.41
					10102				15.89	15.73	18.82	10.95	10.85	13.91						15.30		10.39
				996T*3	11104				15.60	15.62	18.62	11.01	10.96	14.00						15.10		10.48
					10104				15.66	15.72	18.70	10.92	10.91	13.93						15.18		10.41
				104	104				15.87	16.09	18.99	10.85	10.81	13.84						15.47		10.32
					11106				15.66	15.89	18.79	11.11	11.05	14.09						15.27		10.57
				996T*3+484T	1106				16.09	15.88	19.00	11.07	10.99	14.04						15.48		10.52
					105				16.45	16.26	19.37	11.02	10.86	13.95						15.85		10.43
				SU	-				16.29	16.30	19.31	10.92	10.94	13.94						15.79		10.42
	UNII-7	159	6745	26T	0LL				-0.72	0.04	2.69	-5.64	-4.95	-2.27	-3.52					-0.83		-5.79
					0MH				0.13	0.23	3.19	-4.88	-4.67	-1.76						-0.33		-5.28
					36HH				0.13	-0.40	2.88	-5.02	-5.38	-2.19						-0.64		-5.71
				52T	37LL				2.54	3.18	5.88	-2.26	-1.52	1.14						2.36		-2.38
					37MH				2.53	2.98	5.77	-2.05	-1.74	1.12						2.25		-2.40
					52HH				2.57	2.86	5.73	-1.74	-1.99	1.15						2.21		-2.37
				106T	53LL				5.32	5.76	8.56	0.62	1.37	4.02						5.04		0.50
					53MH				6.40	5.98	9.21	0.82	1.17	4.01						5.69		0.49
					60HH				6.26	5.51	8.91	1.14	1.33	4.25						5.39		0.73
				242T	61LL				9.67	10.10	12.90	4.81	5.40	8.13						9.38		4.61
					61MH				9.46	9.85	12.67	4.46	5.05	7.78						9.15		4.26
					64HH				9.83	9.93	12.89	4.96	5.20	8.09						9.37		4.57
				484T	65LL				11.67	12.06	14.88	7.73	8.39	11.08						11.36		7.56
					65MH				11.46	11.83	14.66	7.53	8.13	10.85						11.14		7.33
					66HH				12.18	12.21	15.21	7.45	7.82	10.65						11.69		7.13
				996T	67LL				14.84	15.33	18.10	10.60	10.96	13.79						14.58		10.27
					67MH				14.74	15.15	17.96	10.86	11.16	14.02						14.44		10.50
					67HH				14.72	15.10	17.92	10.81	11.01	13.92						14.40		10.40
				996T*2	68L				15.75	16.05	18.91	10.94	11.31	14.14						15.39		10.62
					68H				15.69	15.98	18.85	10.85	11.17	14.02						15.33		10.50
				996T*2+484T	1101				15.83	16.12	18.99	10.61	10.79	13.71						15.47		10.19
					100				15.82	16.03	18.94	11.00	11.17	14.10						15.42		10.58
					10102				16.08	16.24	19.17	10.95	11.11	14.04						15.65		10.52
				996T*3	11104				15.71	15.89	18.81	10.88	11.14	14.02						15.29		10.50
					10104				16.20	16.29	19.26	11.10	11.29	14.21						15.74		10.69
				104	104				15.66	15.82	18.75	10.84	11.03	13.95						15.23		10.43
					11106				15.79	15.95	18.88	10.99	11.20	14.11						15.36		10.59
				996T*3+484T	1106				16.21	16.30	19.27	11.00	11.07	14.05						15.75		10.53
					105				15.77	15.93	18.86	11.03	11.13	14.09						15.34		10.57
				SU	-				15.91	16.19	19.06	11.18	11.48	14.34						15.54		10.82
	UNII-8	191	6905	26T	0LL				-0.37	-0.12	2.77	-4.75	-4.64	-1.68	-3.92					-1.15		-5.60
					0MH				0.10	-0.36	2.89	-4.94	-5.20	-2.06						-1.03		-5.98
					36HH				0.66	0.06	3.38	-4.80	-4.97	-1.87						-0.54		-5.79
				52T	37LL				2.95	3.44	6.21	-1.94	-1.74	1.17						2.29		-2.75
					37MH				3.00	3.26	6.14	-1.66	-1.86	1.25						2.22		-2.67
					52HH				3.23	2.90	6.08	-2.15	-1.93	0.97						2.16		-2.95
				106T	53LL				6.47	6.00	9.25	1.05	1.28	4.18						5.33		0.26
					53MH				6.46	5.80	9.15	1.07	1.39	4.24						5.23		0.32
					60HH				6.10	5.12	8.65	1.79	1.60	4.71						4.73		0.79
				242T	61LL				9.41	9.97	12.71	4.68	5.19	7.95						8.79		4.03
					61MH				9.61	9.76	12.70	4.68	4.92	7.81						8.78		3.89
					64HH				9.84	9.57	12.72	4.59	4.77	7.69						8.80		3.77
				484T	65LL				11.91	12.40	15.17	7.54	8.39	11.00						11.25		7.08
					65MH				11.92	12.04	14.99	7.50	7.97	10.75						11.07		6.83
					66HH				12.26	12.06	15.17	8.01	7.82	10.93						11.25		7.01
				996T	67LL				14.66	14.94	17.81	10.93	11.24	14.10						13.89		10.18
					67MH				14.77	14.87	17.83	11.06	11.12	14.10						13.91		10.18
					67HH				15.42	15.11	18.28	11.24	11.09	14.18						13.61		10.26
				996T*2	68L				15.65	16.25	18.97	10.52	10.87	13.71						15.05		9.79
					68H				15.92	15.99	18.97	10.89	10.90	13.91						15.05		9.99
				996T*2+484T	1101				15.74	16.19	18.98	10.96	11.12	14.05						15.06		10.13
					100				15.73	15.99	18.87	11.18	11.15	14.18						14.95		10.26
					10102				15.96	16.07	19.03	10.81	10.73	13.78						15.11		9.86
				996T*3	11104				16.06	16.30	19.19	10.86	10.88	13.88						15.27		9.96
					10104				15.62	15.89	18.77	11.12	11.12	14.13						14.85		10.21
				104	104				15.53	15.75	18.65	10.98	10.88	13.94						14.73		10.02
					11106				15.64	15.79	18.73	10.93	10.96	13.96						14.81		10.04
				996T*3+484T	1106				15.58	15.75	18.68	10.83	10.91	13.88						14.76		9.96
					105				15.64	15.75	18.71	11.21	11.21	14.22						14.79		10.30
				SU	-				15.74	16.23	19.00	10.88	11.02	13.96						15.08		10.04

PSD Results
- SP

Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	31	6105	52T	37LL	6.954	7.659	10.331	0.09	-3.13	7.291	17.00
				37MH	6.622	6.790	9.717	0.09	-3.13	6.677	17.00
				52HH	7.279	7.012	10.158	0.09	-3.13	7.118	17.00
			SU	-	-7.475	-7.292	-4.372	-	-3.13	-7.502	17.00
	63	6265	52T	37LL	7.097	7.082	10.100	0.09	-3.13	7.060	17.00
				37MH	7.633	7.255	10.458	0.09	-3.13	7.418	17.00
				52HH	7.250	7.681	10.481	0.09	-3.13	7.441	17.00
			SU	-	-7.866	-6.709	-4.239	-	-2.13	-6.369	17.00
UNII-5 (MRU) Worst case	63	6265	2*996+484T	1101	-6.305	-5.574	-2.914	0.25	-3.13	-5.794	17.00
				100	-6.319	-5.678	-2.976	0.25	-3.13	-5.856	17.00
				10102	-5.393	-4.400	-1.858	0.25	-3.13	-4.738	17.00

* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain
 $= 10 \cdot \log(10^{\text{ANT1 PSD}/10} + 10^{\text{ANT2 PSD}/10}) + \text{DCCF(dB)} + \text{Directional Gain(dB)}$

* EHT320 = EHT160L + EHT160U

- LPI

Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	31	6105	242T	61LL	-2.018	-0.697	1.703	0.13	-3.13	-1.297	-1.00
				61MH	-2.135	-1.972	0.958	0.13	-3.13	-2.042	-1.00
				64HH	-2.241	-1.782	1.005	0.13	-3.13	-1.995	-1.00
			SU	-	-7.888	-7.030	-4.428	-	-3.13	-7.558	-1.00
	63	6265	242T	61LL	-3.097	-2.871	0.028	0.13	-3.13	-2.972	-1.00
				61MH	-2.007	-2.368	0.827	0.13	-3.13	-2.173	-1.00
				64HH	-2.614	-1.516	0.980	0.13	-3.13	-2.020	-1.00
			SU	-	-7.908	-6.994	-4.417	-	-3.13	-7.547	-1.00
UNII-6	95	6425	242T	61LL	-1.691	-1.976	1.179	0.13	-4.14	-2.831	-1.00
				61MH	-1.873	-2.342	0.909	0.13	-4.14	-3.101	-1.00
				64HH	-1.941	-1.910	1.085	0.13	-4.14	-2.925	-1.00
			SU	-	-7.638	-7.496	-4.556	-	-4.14	-8.696	-1.00
UNII-7	127	6585	242T	61LL	-1.675	-1.933	1.208	0.13	-3.52	-2.182	-1.00
				61MH	-2.266	-2.024	0.867	0.13	-3.52	-2.523	-1.00
				64HH	-2.087	-2.196	0.869	0.13	-3.52	-2.521	-1.00
			SU	-	-6.952	-7.500	-4.207	-	-3.52	-7.727	-1.00
	159	6745	242T	61LL	-2.253	-1.732	1.026	0.13	-3.52	-2.364	-1.00
				61MH	-2.026	-2.254	0.872	0.13	-3.52	-2.518	-1.00
				64HH	-1.921	-1.943	1.078	0.13	-3.52	-2.312	-1.00
			SU	-	-7.375	-7.294	-4.324	-	-3.52	-7.844	-1.00
UNII-8	191	6905	242T	61LL	-2.154	-1.848	1.012	0.13	-3.92	-2.778	-1.00
				61MH	-2.694	-2.700	0.313	0.13	-3.92	-3.477	-1.00
				64HH	-2.191	-2.022	0.905	0.13	-3.92	-2.885	-1.00
			SU	-	-7.778	-6.841	-4.274	-	-3.92	-8.194	-1.00
UNII-5 (MRU) Worst case	31	6105	2*996+484T	1101	-5.553	-4.637	-2.061	0.25	-3.13	-4.941	-1.00
				100	-6.314	-5.880	-3.081	0.25	-3.13	-5.961	-1.00
				10102	-6.821	-5.987	-3.374	0.25	-3.13	-6.254	-1.00

* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain
= $10 \cdot \log(10^{\text{ANT1 PSD}/10} + 10^{\text{ANT2 PSD}/10}) + \text{DCCF(dB)} + \text{Directional Gain(dB)}$

* EHT320 = EHT160L + EHT160U

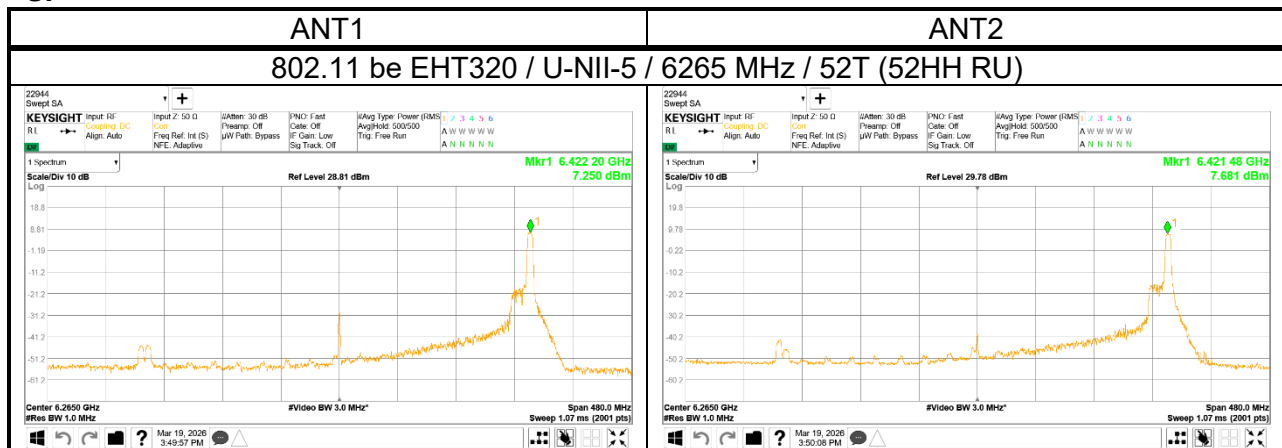
- VLP

Band	Channel	Freq. [MHz]	Tones	RU offset	Meas PSD [dBm/MHz]			DCCF	Direct. Gain [dBi]	Corr'd PSD e.i.r.p [dBm]	PSD e.i.r.p Limit [dBm/MHz]
					ANT1	ANT2	MIMO				
UNII-5	31	6105	484T	65LL	-7.244	-6.343	-3.760	0.23	-3.13	-6.660	-5.00
				65MH	-7.183	-7.023	-4.092	0.23	-3.13	-6.992	-5.00
				66HH	-7.104	-6.608	-3.839	0.23	-3.13	-6.739	-5.00
			SU	-	-12.212	-11.488	-8.825	-	-3.13	-11.955	-5.00
	63	6265	484T	65LL	-7.849	-7.278	-4.544	0.23	-3.13	-7.444	-5.00
				65MH	-7.152	-7.128	-4.130	0.23	-3.13	-7.030	-5.00
				66HH	-7.527	-6.299	-3.859	0.23	-3.13	-6.759	-5.00
			SU	-	-12.849	-11.317	-9.005	-	-3.13	-12.135	-5.00
UNII-6	95	6425	484T	65LL	-7.291	-6.997	-4.131	0.23	-4.14	-8.041	-5.00
				65MH	-7.282	-8.203	-4.708	0.23	-4.14	-8.618	-5.00
				66HH	-7.677	-8.136	-4.890	0.23	-4.14	-8.800	-5.00
			SU	-	-12.553	-11.859	-9.182	-	-4.14	-13.322	-5.00
UNII-7	127	6585	484T	65LL	-7.470	-6.996	-4.216	0.23	-3.52	-7.506	-5.00
				65MH	-7.799	-7.184	-4.470	0.23	-3.52	-7.760	-5.00
				66HH	-7.509	-7.278	-4.382	0.23	-3.52	-7.672	-5.00
			SU	-	-11.794	-11.939	-8.856	-	-3.52	-12.376	-5.00
	159	6745	484T	65LL	-7.375	-6.576	-3.947	0.23	-3.52	-7.237	-5.00
				65MH	-7.409	-6.757	-4.060	0.23	-3.52	-7.350	-5.00
				66HH	-7.578	-7.583	-4.570	0.23	-3.52	-7.860	-5.00
			SU	-	-12.168	-11.597	-8.863	-	-3.52	-12.383	-5.00
UNII-8	191	6905	484T	65LL	-7.583	-6.933	-4.236	0.23	-3.92	-7.926	-5.00
				65MH	-7.789	-7.138	-4.441	0.23	-3.92	-8.131	-5.00
				66HH	-6.964	-6.773	-3.857	0.23	-3.92	-7.547	-5.00
			SU	-	-11.687	-11.280	-8.468	-	-3.92	-12.388	-5.00
UNII-5 (MRU) Worst case	31	6105	2*996+484T	1101	-10.773	-10.109	-7.418	0.25	-3.13	-10.298	-5.00
				100	-10.904	-10.428	-7.649	0.25	-3.13	-10.529	-5.00
				10102	-11.338	-10.574	-7.929	0.25	-3.13	-10.809	-5.00

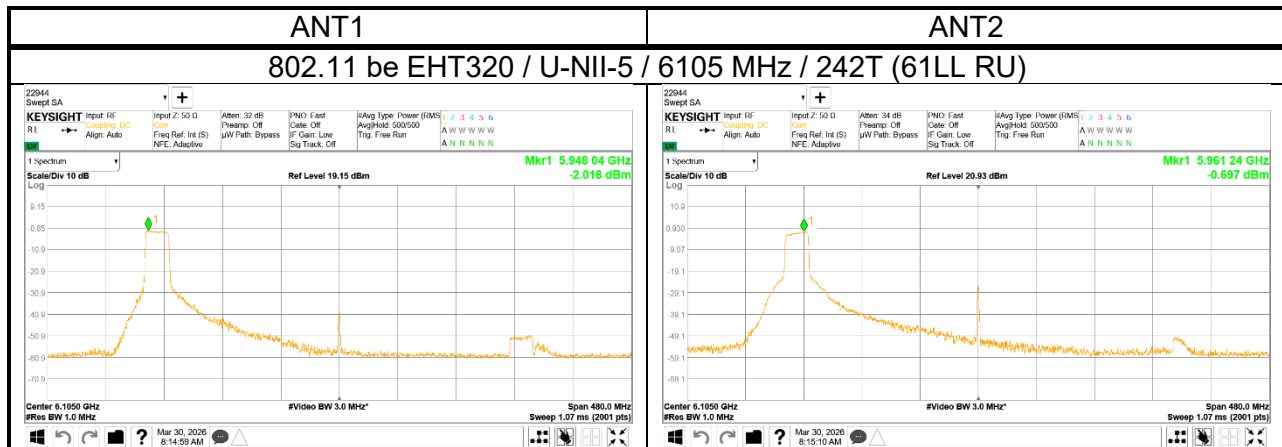
* Corr'd PSD e.i.r.p = ANT1 Meas PSD + Ant2 Meas PSD + DCCF + Directional Gain
= $10 \cdot \log(10^{\text{ANT1 PSD}/10} + 10^{\text{ANT2 PSD}/10}) + \text{DCCF(dB)} + \text{Directional Gain(dB)}$

* EHT320 = EHT160L + EHT160U

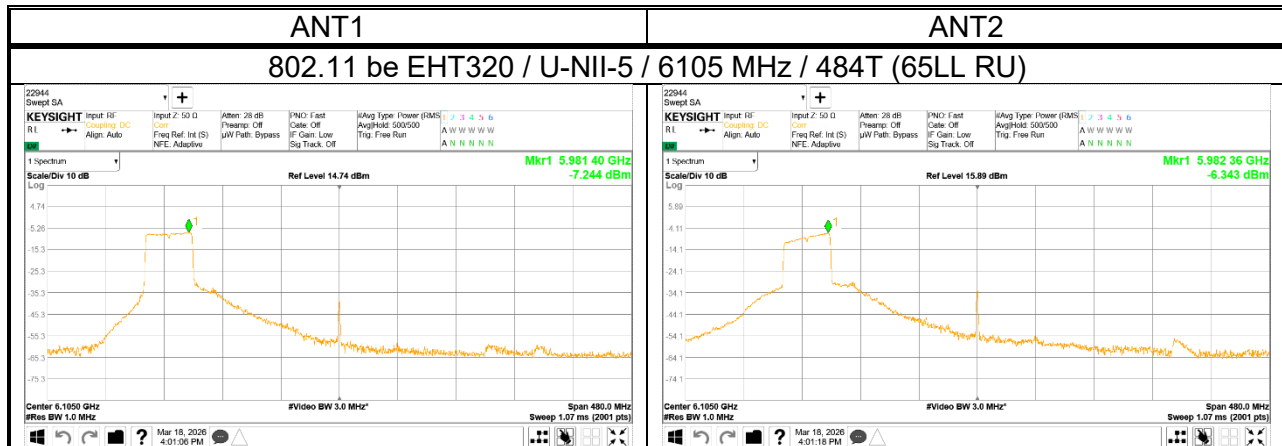
PPSD PLOTS (WORST CASE)
- SP



- LPI



- VLP



10.2. IN-BAND EMISSIONS

LIMITS

FCC §15.407 (b) (7)

For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

TEST PROCEDURE

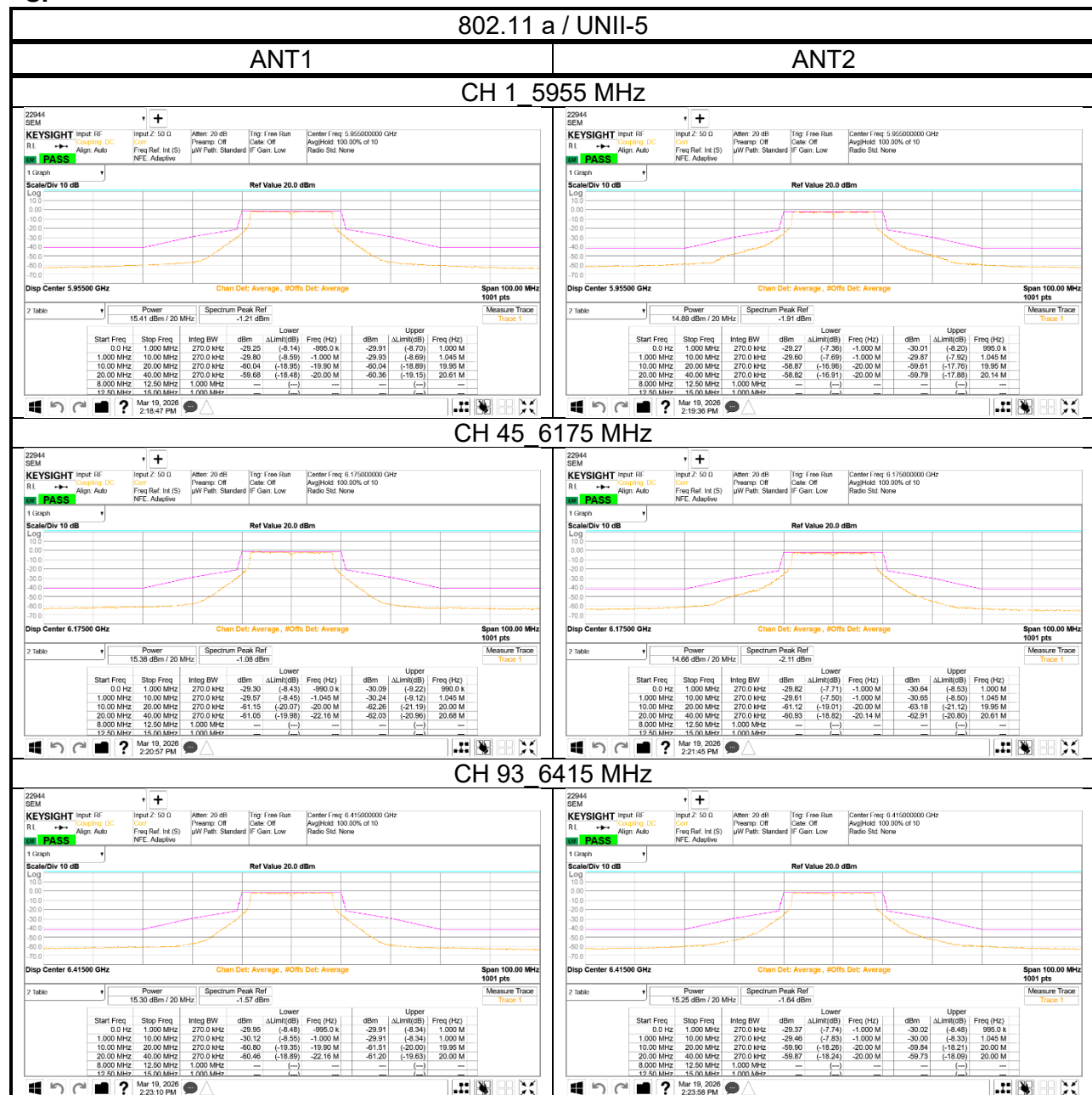
KDB 987594 D02

1. Connect output of antenna port to a spectrum analyzer, with appropriate attenuation, as to not damage the instrumentation.
2. Test reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2020.
3. Measure the 26dB EBW using the test procedure 12.4.1 of ANSI C63.10-2020.
4. Measure the PSD (which will be used for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - g) Trace average in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW or Nominal BW.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - a) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
 - b) Suppressed by 28 dB at one channel bandwidth from the channel center.
 - c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

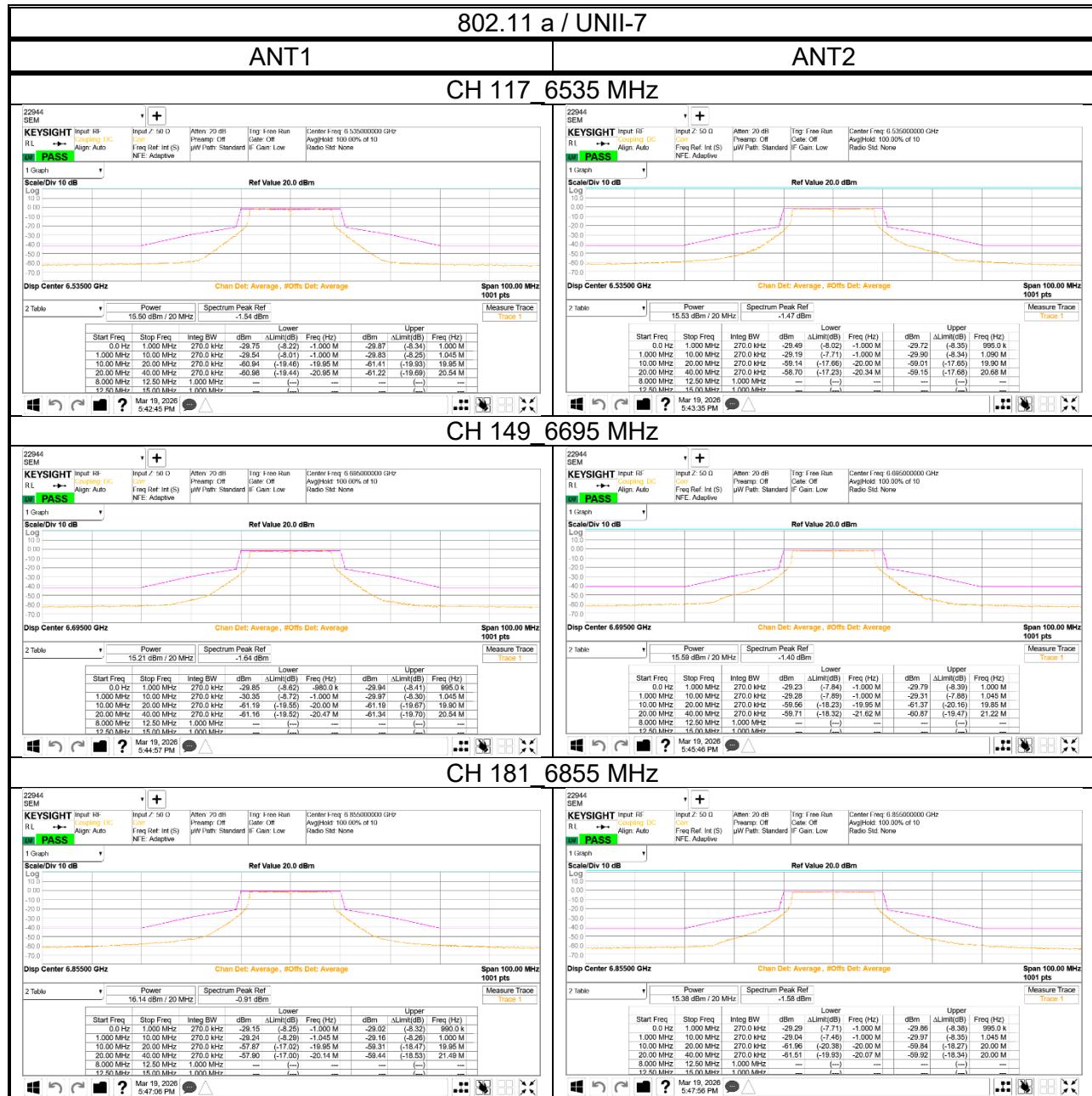
Note: SU & RU & MRU modes are fully tested. SU modes are reported for all test case, RU & MRU modes are reported only the worst-case scenario.

10.2.1. 802.11 a MODE

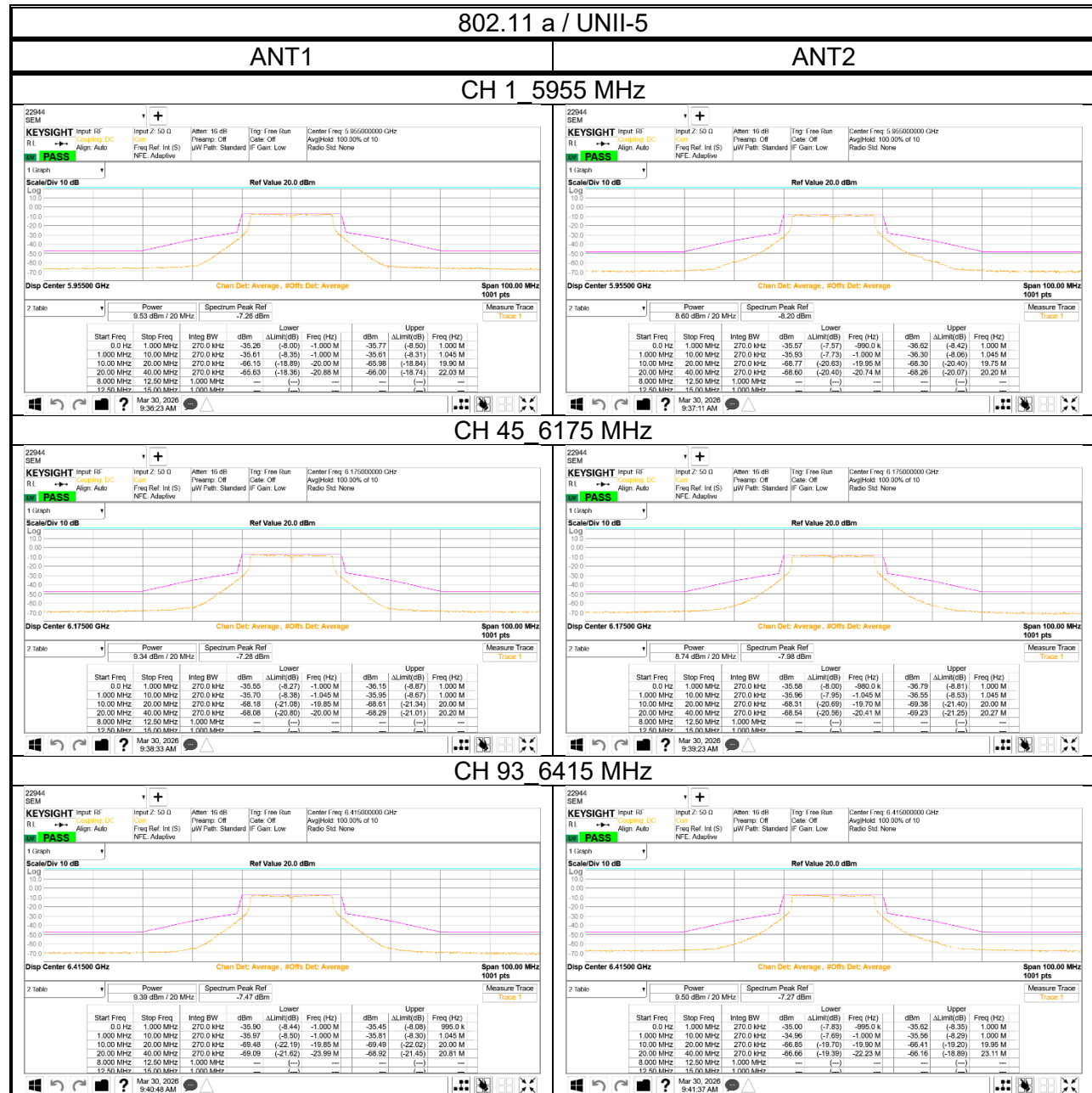
- SP



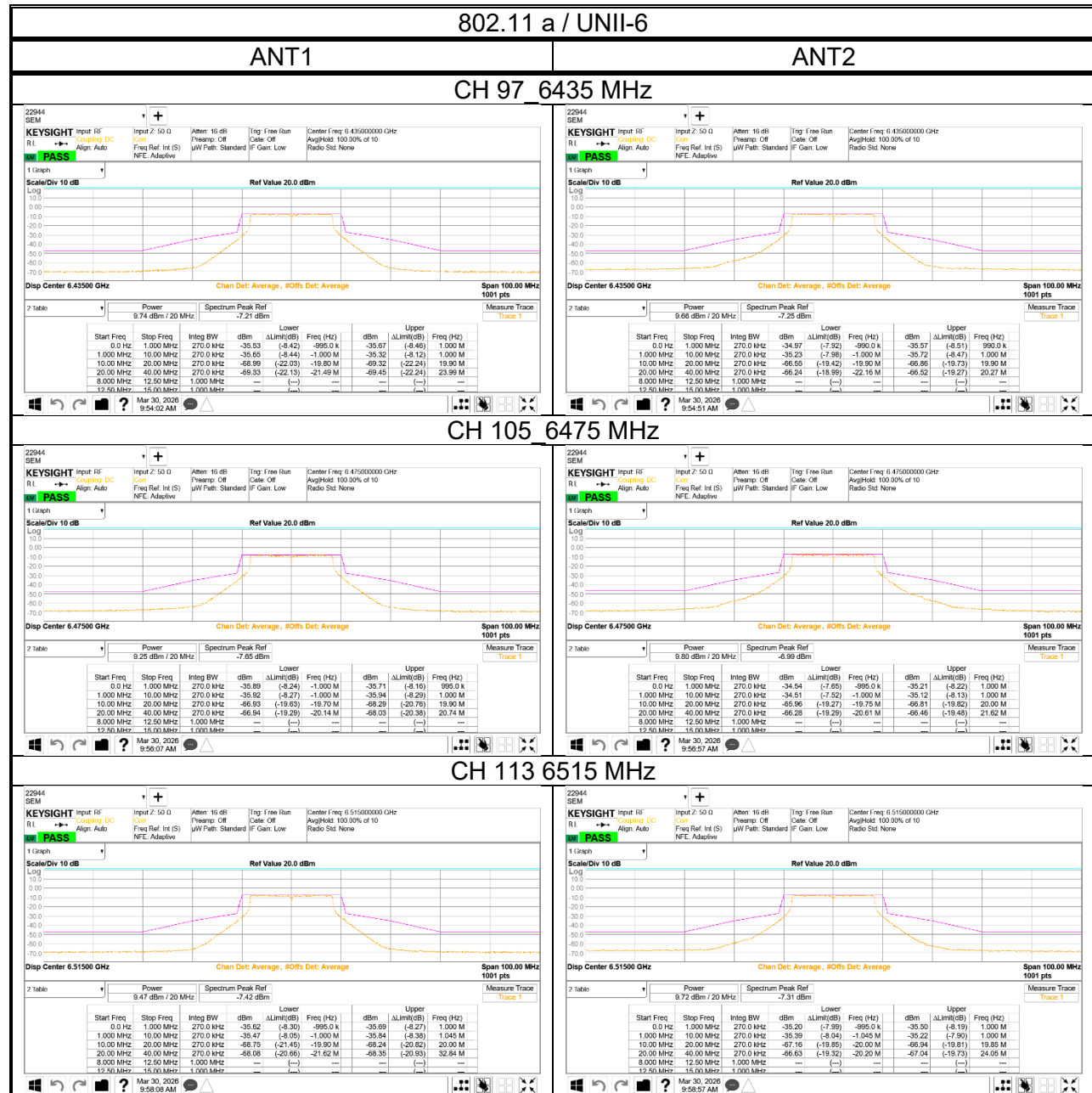
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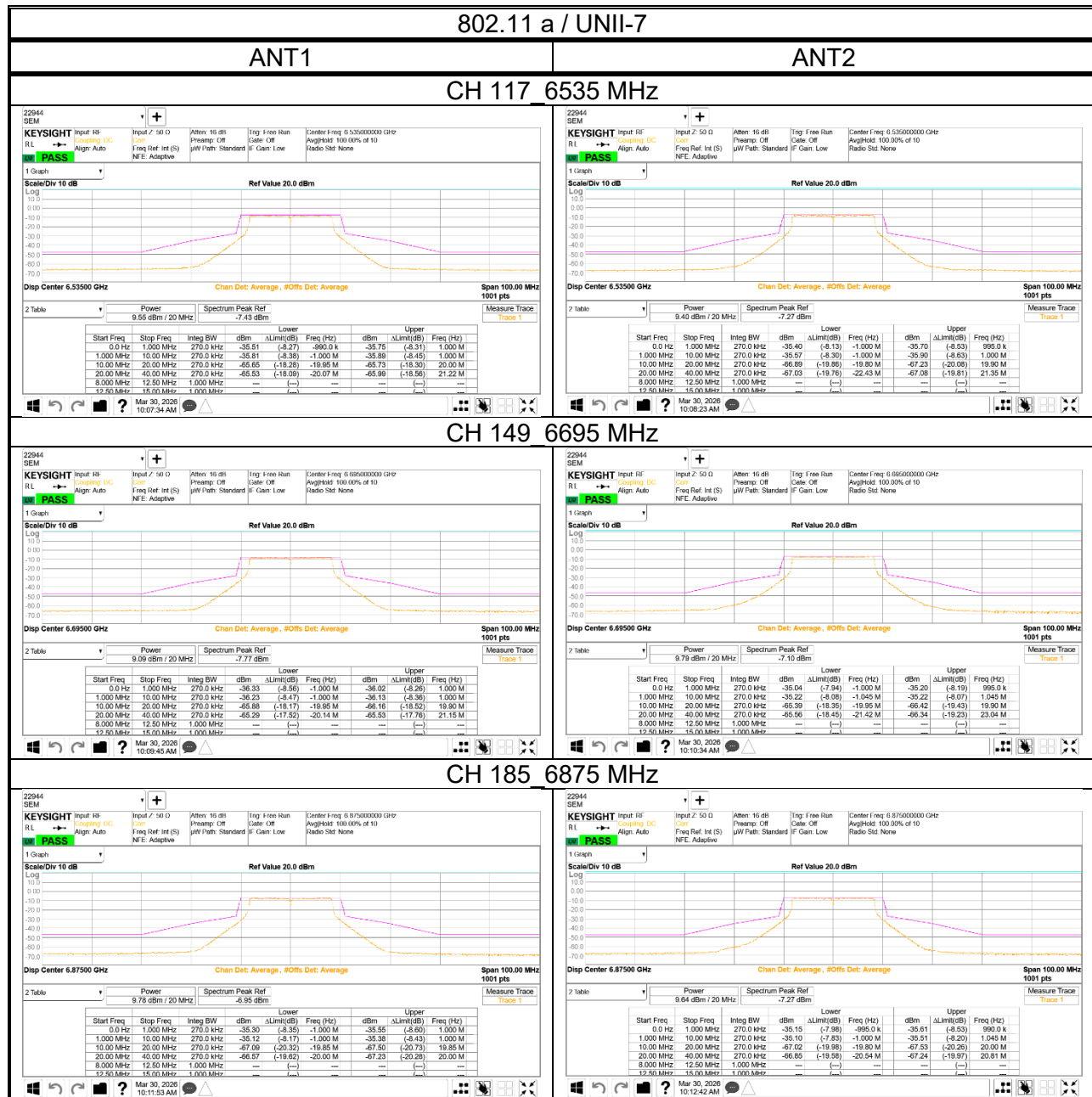
- LPI



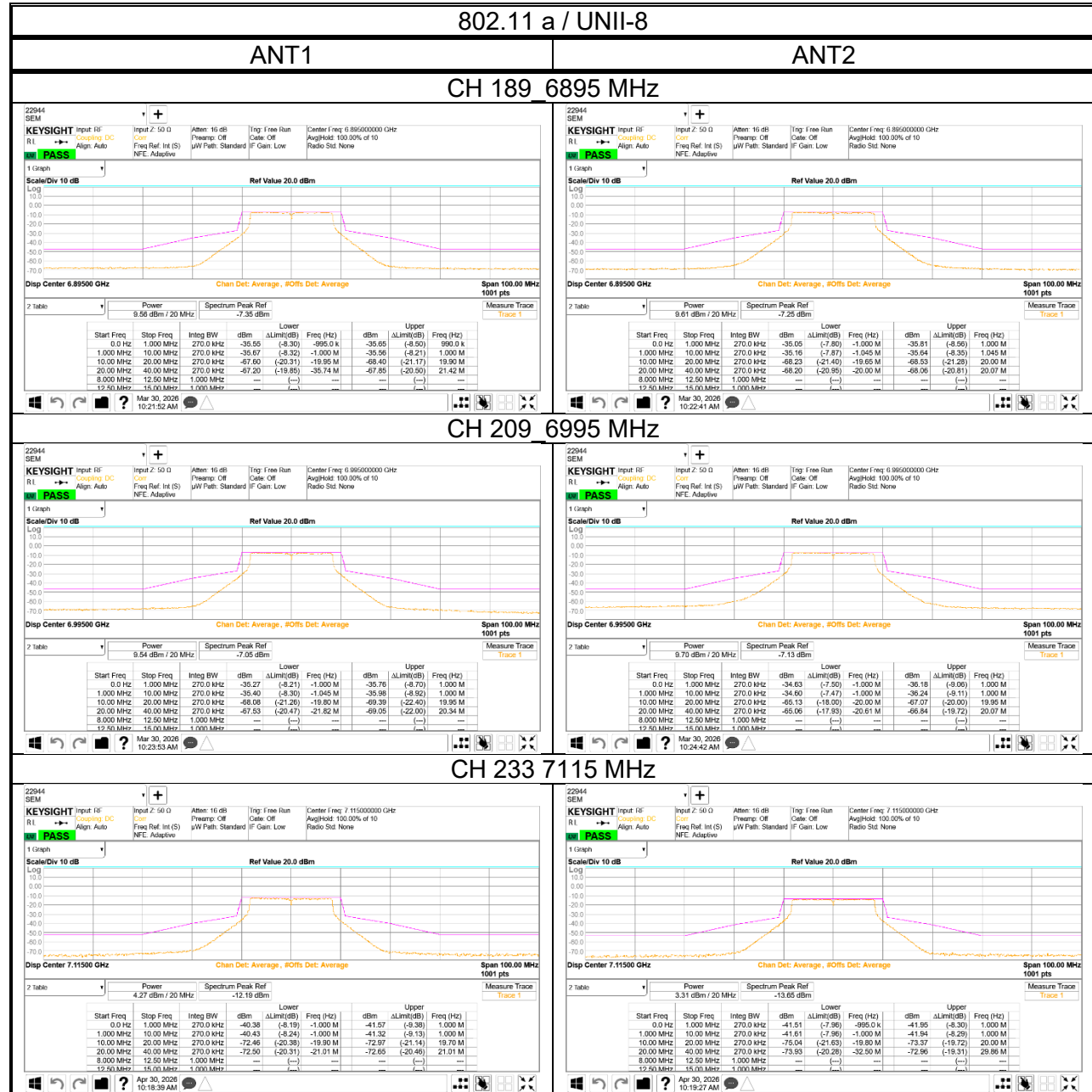
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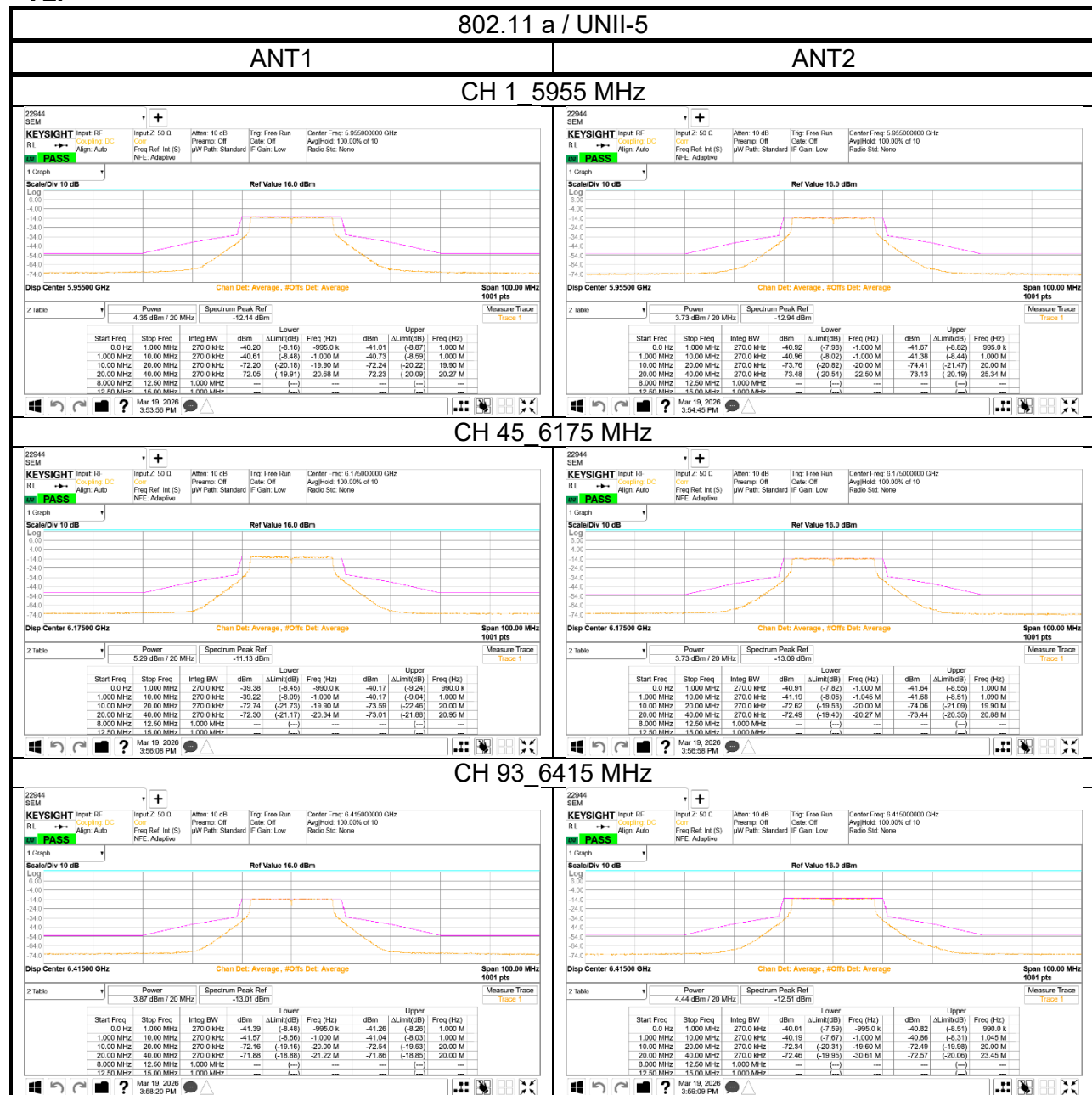
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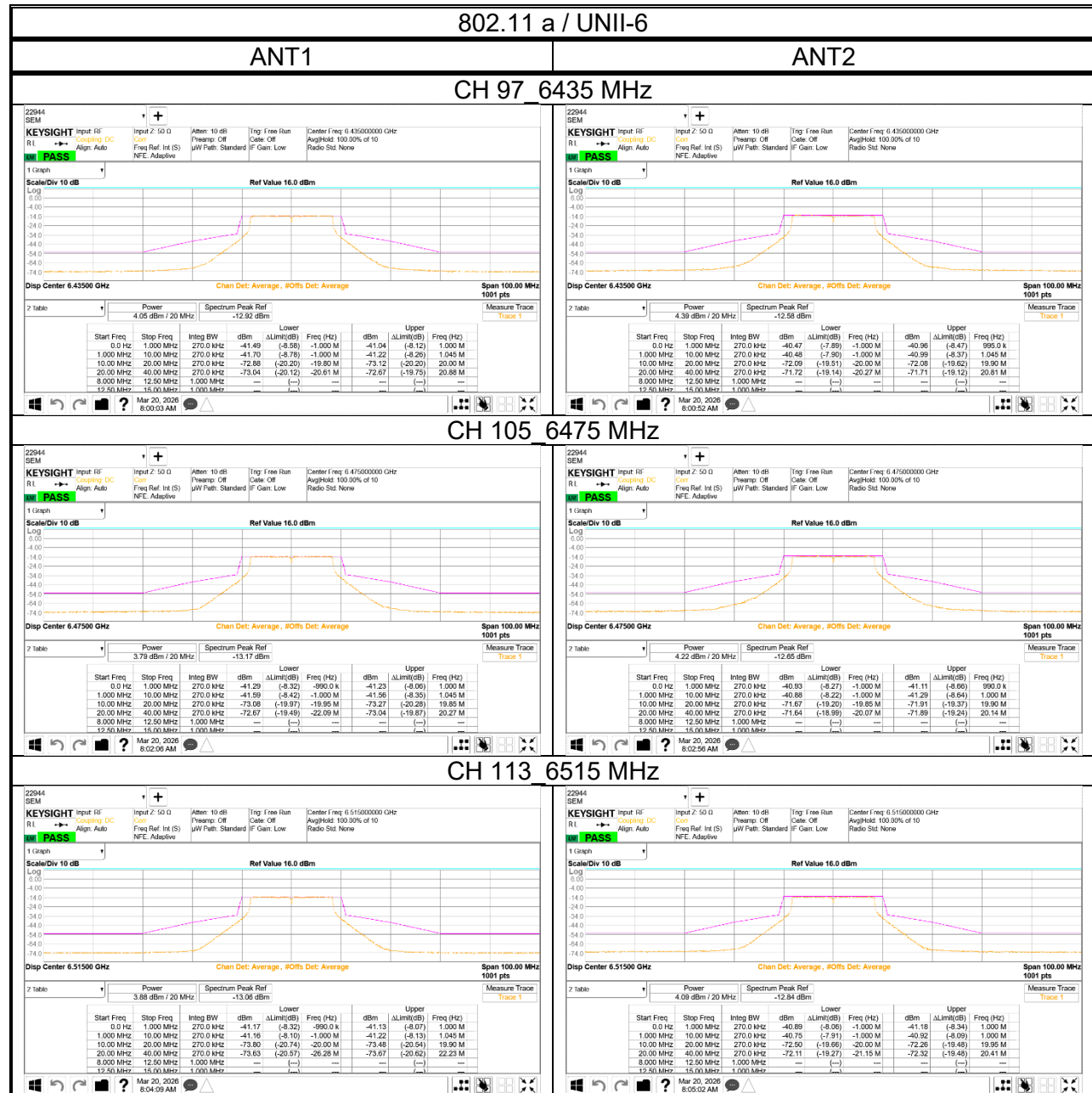
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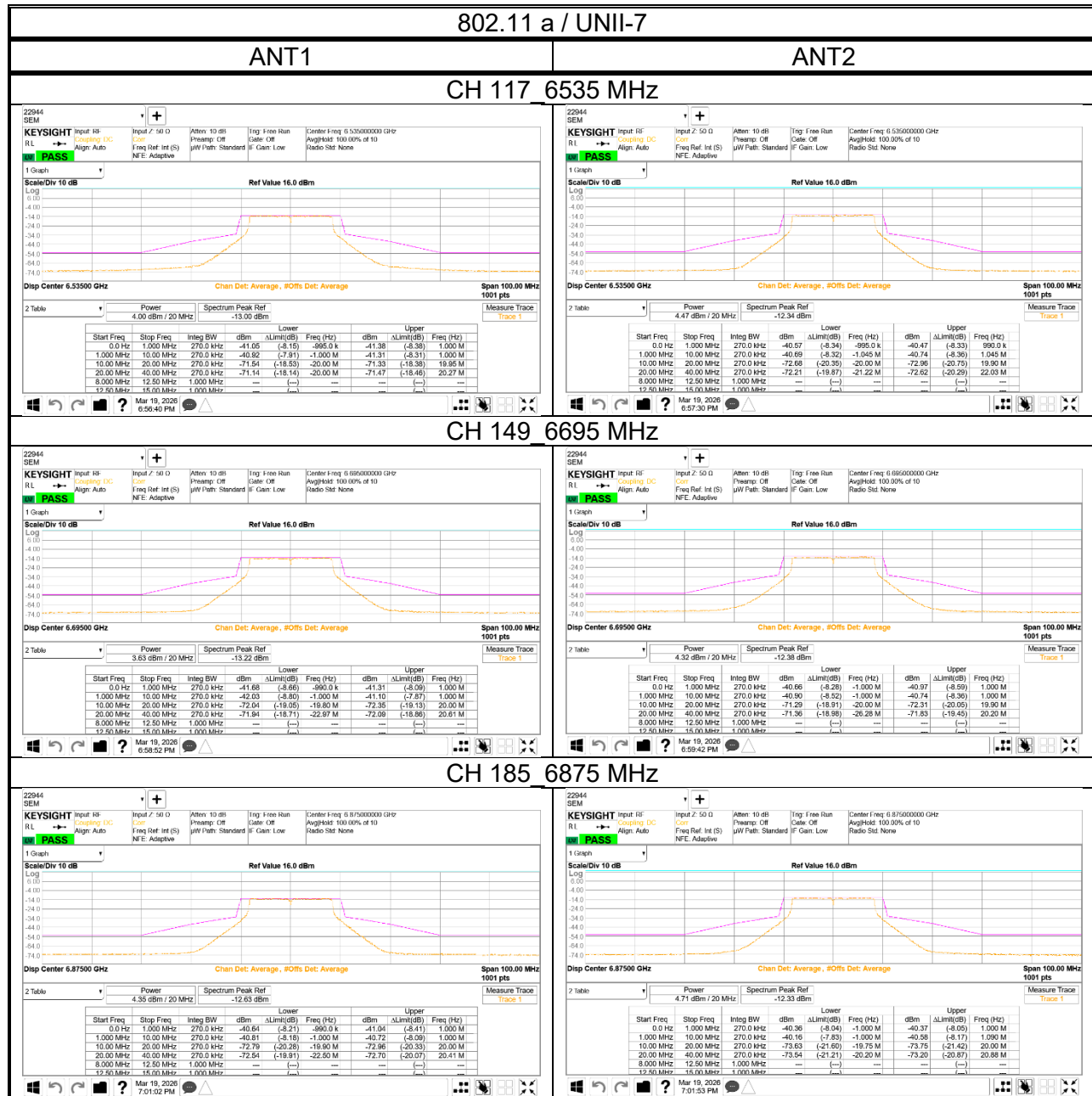
- VLP



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