

Annex C – Conducted Power for reference only

U-NII-5 TX conducted power

CDD mode

Mode	Data Rate	Channel	Frequency (MHz)	Nss	Conducted Average (dBm)				
					Chain0	Chain1	Chain2	Chain3	Total
802.11a	6M	33	6115	Nss1	8.45	8.12	8.17	6.73	13.94
		61	6225	Nss1	8.27	8.18	7.88	6.48	13.78
		93	6415	Nss1	8.77	7.42	6.98	7.33	13.70
802.11ax (HE20)	MCS0	33	5955	Nss1	8.81	8.33	8.55	7.02	14.25
		61	6225	Nss1	8.77	8.12	8.56	6.86	14.16
		93	6415	Nss1	9.15	7.83	7.61	7.48	14.09
802.11ax (HE40)	MCS0	35	6125	Nss1	11.64	10.92	10.93	10.29	16.99
		59	6245	Nss1	11.74	10.87	10.68	10.38	16.97
		91	6405	Nss1	11.74	11.01	10.49	10.94	17.09
802.11ax (HE80)	MCS0	39	6145	Nss1	14.41	14.34	13.82	13.77	20.12
		55	6225	Nss1	14.43	14.31	13.86	13.87	20.15
		87	6385	Nss1	14.60	14.08	13.75	14.19	20.19
802.11ax (HE160)	MCS0	47	6185	Nss1	16.94	17.01	17.61	16.77	23.11
		79	6345	Nss1	17.55	17.11	17.15	16.63	23.14
802.11ax (HE20)	MCS0	33	5955	Nss4	10.16	9.95	10.01	10.68	16.23
		61	6225	Nss4	10.29	9.94	9.94	10.71	16.25
		93	6415	Nss4	10.64	9.39	9.07	10.85	16.08
802.11ax (HE40)	MCS0	35	6125	Nss4	13.77	12.73	12.84	12.61	19.03
		59	6245	Nss4	13.82	13.09	12.73	12.73	19.14
		91	6405	Nss4	13.40	12.78	12.17	13.22	18.94
802.11ax (HE80)	MCS0	39	6145	Nss4	16.57	16.36	16.05	16.32	22.35
		55	6225	Nss4	16.44	16.28	15.82	16.28	22.23
		87	6385	Nss4	16.49	15.94	15.89	16.66	22.28
802.11ax (HE160)	MCS0	47	6185	Nss4	18.96	19.17	19.82	19.13	25.30
		79	6345	Nss4	19.43	19.00	19.16	18.94	25.16

Beamforming mode

Mode	Data Rate	Channel	Frequency (MHz)	Nss	Conducted Average (dBm)				
					Chain0	Chain1	Chain2	Chain3	Total
802.11ax (HE20)	MCS0	33	5955	Nss1	7.12	6.53	6.80	5.27	12.50
		61	6225	Nss1	7.06	6.34	6.75	5.16	12.41
		93	6415	Nss1	7.39	6.07	5.98	5.80	12.38
802.11ax (HE40)	MCS0	35	6125	Nss1	9.83	9.19	9.12	8.47	15.20
		59	6245	Nss1	9.92	9.13	8.93	8.60	15.19
		91	6405	Nss1	10.06	9.25	8.70	9.19	15.35
802.11ax (HE80)	MCS0	39	6145	Nss1	12.68	12.58	12.09	11.96	18.36
		55	6225	Nss1	12.69	12.50	12.11	12.13	18.39
		87	6385	Nss1	12.79	12.24	12.01	12.39	18.39
802.11ax (HE160)	MCS0	47	6185	Nss1	15.14	15.13	15.84	15.02	21.32
		79	6345	Nss1	15.71	15.33	15.26	14.83	21.31
802.11ax (HE20)	MCS0	33	5955	Nss4	10.13	9.94	10.07	10.71	16.24
		61	6225	Nss4	10.29	10.04	9.94	10.75	16.29
		93	6415	Nss4	10.67	9.43	9.10	10.84	16.10
802.11ax (HE40)	MCS0	35	6125	Nss4	13.75	12.76	12.77	12.59	19.01
		59	6245	Nss4	13.79	13.04	12.63	12.69	19.08
		91	6405	Nss4	13.40	12.78	12.15	13.21	18.93
802.11ax (HE80)	MCS0	39	6145	Nss4	16.54	16.30	16.08	16.40	22.35
		55	6225	Nss4	16.49	16.30	15.92	16.25	22.27
		87	6385	Nss4	16.50	16.00	15.83	16.69	22.29
802.11ax (HE160)	MCS0	47	6185	Nss4	18.93	19.20	19.84	19.14	25.31
		79	6345	Nss4	19.39	18.94	19.21	18.96	25.15

U-NII-6 TX conducted power

CDD mode

Mode	Data Rate	Channel	Frequency (MHz)	Nss	Conducted Average (dBm)				
					Chain0	Chain1	Chain2	Chain3	Total
11a	6M	97	6435	Nss1	7.70	8.17	7.50	7.76	13.81
		105	6475	Nss1	7.85	8.36	7.68	7.81	13.95
		113	6515	Nss1	7.72	8.22	7.65	7.67	13.84
802.11ax (HE20)	MCS0	97	6435	Nss1	8.12	8.52	8.05	7.78	14.15
		105	6475	Nss1	8.22	8.67	8.33	7.53	14.23
		113	6515	Nss1	8.24	8.42	8.40	6.86	14.05
802.11ax (HE40)	MCS0	99	6445	Nss1	10.72	11.56	11.03	11.14	17.14
		107	6485	Nss1	10.39	11.24	10.59	10.89	16.81
		115	6525	Nss1	10.44	11.26	10.68	10.95	16.86
802.11ax (HE80)	MCS0	103	6465	Nss1	14.18	15.03	13.59	13.80	20.21
		119	6545	Nss1	13.69	14.49	13.57	13.43	19.84
802.11ax (HE160)	MCS0	111	6505	Nss1	16.68	17.63	16.75	17.21	23.11
802.11ax (HE20)	MCS0	97	6435	Nss4	9.51	10.10	9.63	11.28	16.21
		105	6475	Nss4	9.57	10.18	9.71	11.56	16.35
		113	6515	Nss4	9.56	9.94	9.69	11.17	16.16
802.11ax (HE40)	MCS0	99	6445	Nss4	12.89	13.68	12.82	13.63	19.29
		107	6485	Nss4	12.34	13.26	12.49	13.23	18.87
		115	6525	Nss4	12.46	13.18	12.58	13.11	18.86
802.11ax (HE80)	MCS0	103	6465	Nss4	16.10	16.74	15.55	16.22	22.19
		119	6545	Nss4	15.73	16.60	15.69	15.87	22.01
802.11ax (HE160)	MCS0	111	6505	Nss4	18.51	19.23	18.57	19.10	24.88

Beamforming mode

Mode	Data Rate	Channel	Frequency (MHz)	Nss	Conducted Average (dBm)				
					Chain0	Chain1	Chain2	Chain3	Total
802.11ax (HE20)	MCS0	97	6435	Nss1	6.27	6.74	6.34	5.88	12.34
		105	6475	Nss1	6.30	6.80	6.40	5.62	12.32
		113	6515	Nss1	6.30	6.38	6.55	6.12	12.36
802.11ax (HE40)	MCS0	99	6445	Nss1	8.82	9.58	8.99	9.14	15.16
		107	6485	Nss1	8.45	9.31	8.66	9.02	14.89
		115	6525	Nss1	8.40	9.16	8.63	8.85	14.79
802.11ax (HE80)	MCS0	103	6465	Nss1	12.55	13.19	11.95	12.05	18.48
		119	6545	Nss1	12.21	13.09	12.16	12.05	18.42
802.11ax (HE160)	MCS0	111	6505	Nss1	14.78	15.64	14.92	15.23	21.18
802.11ax (HE20)	MCS0	97	6435	Nss4	9.56	10.12	9.62	11.28	16.22
		105	6475	Nss4	9.61	10.18	9.68	11.48	16.33
		113	6515	Nss4	9.67	9.86	9.71	11.16	16.17
802.11ax (HE40)	MCS0	99	6445	Nss4	12.92	13.76	12.76	13.59	19.30
		107	6485	Nss4	12.27	13.30	12.46	13.32	18.88
		115	6525	Nss4	12.44	13.17	12.63	13.16	18.88
802.11ax (HE80)	MCS0	103	6465	Nss4	16.07	16.80	15.63	16.20	22.22
		119	6545	Nss4	15.81	16.50	15.61	15.89	21.99
802.11ax (HE160)	MCS0	111	6505	Nss4	18.57	19.29	18.63	19.13	24.94

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CDD mode

Mode	Data Rate	Channel	Frequency (MHz)	Nss	Conducted Average (dBm)				
					Chain0	Chain1	Chain2	Chain3	Total
11a	6M	117	6535	Nss1	7.69	8.16	7.70	7.67	13.83
		153	6715	Nss1	7.72	8.00	8.65	7.37	13.98
		181	6855	Nss1	8.63	8.43	7.97	6.92	14.06
802.11ax (HE20)	MCS0	117	6535	Nss1	8.40	7.81	8.31	6.73	13.88
		153	6715	Nss1	8.53	7.20	9.06	7.49	14.16
		181	6855	Nss1	8.96	7.26	8.70	7.35	14.16
802.11ax (HE40)	MCS0	123	6565	Nss1	11.08	11.52	11.27	11.33	17.32
		155	6725	Nss1	10.87	11.42	11.43	10.65	17.13
		179	6845	Nss1	11.60	11.60	11.36	9.84	17.18
802.11ax (HE80)	MCS0	135	6625	Nss1	13.74	14.49	14.25	13.76	20.09
		151	6705	Nss1	13.52	14.46	14.04	13.40	19.90
		167	6785	Nss1	14.22	14.27	14.07	12.54	19.85
		183	6865	Nss1	14.63	14.77	14.48	12.92	20.28
802.11ax (HE160)	MCS0	143	6665	Nss1	16.64	17.43	17.25	16.73	23.05
		175	6825	Nss1	17.04	17.83	16.84	15.25	22.86
802.11ax (HE20)	MCS0	117	6535	Nss4	9.31	9.67	9.56	10.99	15.95
		153	6715	Nss4	9.49	9.85	10.47	10.80	16.20
		181	6855	Nss4	10.62	10.86	10.18	9.71	16.39
802.11ax (HE40)	MCS0	123	6565	Nss4	12.96	13.66	13.29	13.63	19.41
		155	6725	Nss4	12.82	13.60	13.22	13.01	19.19
		179	6845	Nss4	13.81	13.53	13.29	11.96	19.22
802.11ax (HE80)	MCS0	135	6625	Nss4	15.47	16.38	16.16	16.27	22.10
		151	6705	Nss4	15.71	16.73	16.26	16.18	22.26
		167	6785	Nss4	16.15	16.43	15.82	14.43	21.79
		183	6865	Nss4	16.70	16.82	16.47	14.92	22.31
802.11ax (HE160)	MCS0	143	6665	Nss4	18.74	18.98	18.87	18.77	24.86
		175	6825	Nss4	19.04	19.69	18.89	17.66	24.90

Beamforming mode

Mode	Data Rate	Channel	Frequency (MHz)	Nss	Conducted Average (dBm)				
					Chain0	Chain1	Chain2	Chain3	Total
802.11ax (HE20)	MCS0	117	6535	Nss1	6.85	6.35	6.80	5.42	12.41
		153	6715	Nss1	6.74	5.57	7.32	5.76	12.43
		181	6855	Nss1	7.05	5.60	6.90	5.56	12.35
802.11ax (HE40)	MCS0	123	6565	Nss1	9.24	9.75	9.57	9.54	15.55
		155	6725	Nss1	9.11	9.70	9.59	8.87	15.35
		179	6845	Nss1	9.80	9.80	9.59	8.10	15.40
802.11ax (HE80)	MCS0	135	6625	Nss1	12.09	13.24	12.67	12.05	18.56
		151	6705	Nss1	12.07	12.92	12.53	11.87	18.39
		167	6785	Nss1	12.69	12.82	12.52	11.07	18.35
		183	6865	Nss1	12.83	12.90	12.70	11.06	18.46
802.11ax (HE160)	MCS0	143	6665	Nss1	15.20	16.03	15.76	15.23	21.59
		175	6825	Nss1	15.74	16.24	15.55	14.39	21.55
802.11ax (HE20)	MCS0	117	6535	Nss4	9.37	9.67	9.44	10.97	15.93
		153	6715	Nss4	9.47	9.91	10.47	10.79	16.21
		181	6855	Nss4	10.58	10.85	10.20	9.69	16.37
802.11ax (HE40)	MCS0	123	6565	Nss4	12.90	13.63	13.37	13.60	19.41
		155	6725	Nss4	12.79	13.57	13.23	13.10	19.20
		179	6845	Nss4	13.77	13.60	13.27	12.02	19.24
802.11ax (HE80)	MCS0	135	6625	Nss4	15.48	16.38	16.08	16.33	22.10
		151	6705	Nss4	15.67	16.64	16.34	16.15	22.23
		167	6785	Nss4	16.13	16.41	15.81	14.41	21.77
		183	6865	Nss4	16.68	16.83	16.47	15.01	22.33
802.11ax (HE160)	MCS0	143	6665	Nss4	18.67	19.04	18.80	18.80	24.85
		175	6825	Nss4	19.05	19.63	18.80	17.67	24.86

U-NII-8 TX conducted power

CDD mode

Mode	Data Rate	Channel	Frequency (MHz)	Nss	Conducted Average (dBm)				
					Chain0	Chain1	Chain2	Chain3	Total
11a	6M	185	6875	Nss1	8.58	8.52	8.01	6.87	14.07
		213	7015	Nss1	7.99	8.09	6.86	7.97	13.78
		233	7115	Nss1	8.08	8.33	7.75	7.86	14.03
802.11ax (HE20)	MCS0	185	6875	Nss1	8.83	8.31	8.57	7.13	14.28
		213	7015	Nss1	8.46	8.56	7.82	7.12	14.05
		229	7095	Nss1	8.65	7.66	8.84	7.67	14.26
		233	7115	Nss1	3.64	3.68	3.48	1.93	9.26
802.11ax (HE40)	MCS0	187	6885	Nss1	11.62	11.35	11.49	9.78	17.14
		211	7005	Nss1	11.45	11.14	10.51	11.41	17.16
		227	7085	Nss1	11.09	11.38	11.06	11.26	17.22
802.11ax (HE80)	MCS0	199	6945	Nss1	13.85	14.42	13.26	14.51	20.06
		215	7025	Nss1	14.01	14.52	13.20	14.43	20.09
802.11ax (HE160)	MCS0	207	6985	Nss1	17.64	17.18	17.47	17.15	23.39
802.11ax (HE20)	MCS0	185	6875	Nss4	10.71	10.95	10.34	9.85	16.50
		213	7015	Nss4	9.80	10.38	9.30	10.87	16.15
		229	7095	Nss4	10.10	10.27	9.94	10.98	16.36
		233	7115	Nss4	3.40	3.19	3.08	3.12	9.22
802.11ax (HE40)	MCS0	187	6885	Nss4	14.24	13.81	13.40	11.95	19.45
		211	7005	Nss4	13.16	13.44	12.49	13.70	19.24
		227	7085	Nss4	13.17	13.54	12.87	13.58	19.32
802.11ax (HE80)	MCS0	199	6945	Nss4	15.90	16.72	15.35	16.82	22.26
		215	7025	Nss4	16.11	16.72	15.35	16.87	22.32
802.11ax (HE160)	MCS0	207	6985	Nss4	19.78	19.25	19.12	19.48	25.44

Beamforming mode

Mode	Data Rate	Channel	Frequency (MHz)	Nss	Conducted Average (dBm)				
					Chain0	Chain1	Chain2	Chain3	Total
802.11ax (HE20)	MCS0	185	6875	Nss1	6.95	6.45	6.61	6.17	12.57
		213	7015	Nss1	6.80	6.96	6.09	5.47	12.39
		229	7095	Nss1	6.95	5.98	6.81	5.68	12.41
		233	7115	Nss1	3.64	3.68	3.48	1.93	9.26
802.11ax (HE40)	MCS0	187	6885	Nss1	9.62	9.42	9.51	7.81	15.17
		211	7005	Nss1	9.44	9.19	8.65	9.46	15.22
		227	7085	Nss1	9.20	9.38	9.08	9.42	15.29
802.11ax (HE80)	MCS0	199	6945	Nss1	12.10	12.99	11.61	12.73	18.41
		215	7025	Nss1	12.21	13.16	11.41	12.64	18.42
802.11ax (HE160)	MCS0	207	6985	Nss1	15.61	15.20	15.63	15.23	21.44
802.11ax (HE20)	MCS0	185	6875	Nss4	10.74	10.96	10.26	9.85	16.49
		213	7015	Nss4	9.77	10.37	9.30	10.88	16.14
		229	7095	Nss4	10.10	10.32	9.94	10.94	16.36
		233	7115	Nss4	3.40	3.19	3.08	3.12	9.22
802.11ax (HE40)	MCS0	187	6885	Nss4	14.17	13.82	13.33	11.90	19.41
		211	7005	Nss4	13.08	13.45	12.44	13.65	19.20
		227	7085	Nss4	13.18	13.46	12.89	13.56	19.30
802.11ax (HE80)	MCS0	199	6945	Nss4	15.92	16.69	15.26	16.83	22.24
		215	7025	Nss4	16.13	16.65	15.37	16.80	22.29
802.11ax (HE160)	MCS0	207	6985	Nss4	19.81	19.31	19.16	19.49	25.47