

Appendix A-Output Power Data

2 Carriers contiguous													
BW Arrange	Frequency	Modulation	RB Allocation		4x4 MIMO Conducted Power				Total PSD (dBm/MHz)	Ant Gain (dBi)	E.I.R.P (dBm /10MHz z)	E.I.R.P Limit (dBm /10MHz)	PSD (dBm/MHz)
			Size	Off set	Per. CH. Power (dBm)	Total Power (dBm)	Per. CH. Channel Power (dBm /10MHz)	Channel Power (dBm /10MHz)					
5 + 20	LCH	QPSK	25/100	0	35.43	41.45	34.12	40.14	36.82	6.00	46.14	47.00	37.00
		16QAM	25/100	0	35.99	42.01	33.95	39.97	35.95	6.00	45.97	47.00	37.00
		64QAM	25/100	0	35.90	41.92	34.01	40.03	36.73	6.00	46.03	47.00	37.00
		256QAM	25/100	0	35.47	41.49	33.61	39.63	36.85	6.00	45.63	47.00	37.00
	MCH	QPSK	25/100	0	35.75	41.77	34.24	40.26	36.96	6.00	46.26	47.00	37.00
		16QAM	25/100	0	35.62	41.64	34.18	40.20	36.85	6.00	46.20	47.00	37.00
		64QAM	25/100	0	35.37	41.39	34.16	40.18	36.89	6.00	46.18	47.00	37.00
		256QAM	25/100	0	35.61	41.63	33.82	39.84	36.07	6.00	45.84	47.00	37.00
	HCH	QPSK	25/100	0	35.58	41.60	34.41	40.43	36.95	6.00	46.43	47.00	37.00
		16QAM	25/100	0	35.82	41.84	34.55	40.57	36.99	6.00	46.57	47.00	37.00
		64QAM	25/100	0	35.51	41.53	33.42	39.44	36.57	6.00	45.44	47.00	37.00
		256QAM	25/100	0	35.73	41.75	34.33	40.35	36.88	6.00	46.35	47.00	37.00
20 + 5	LCH	QPSK	100/25	0	35.42	41.44	34.89	40.91	36.04	6.00	46.91	47.00	37.00
		16QAM	100/25	0	35.69	41.71	34.53	40.55	36.42	6.00	46.55	47.00	37.00
		64QAM	100/25	0	35.44	41.46	34.92	40.94	35.53	6.00	46.94	47.00	37.00
		256QAM	100/25	0	35.76	41.78	34.30	40.32	35.63	6.00	46.32	47.00	37.00
	MCH	QPSK	100/25	0	35.79	41.81	34.10	40.12	34.32	6.00	46.12	47.00	37.00
		16QAM	100/25	0	35.50	41.52	33.42	39.44	34.67	6.00	45.44	47.00	37.00
		64QAM	100/25	0	35.28	41.30	34.28	40.30	34.35	6.00	46.30	47.00	37.00
		256QAM	100/25	0	35.67	41.69	34.11	40.13	34.14	6.00	46.13	47.00	37.00
	HCH	QPSK	100/25	0	34.96	40.98	33.78	39.80	34.53	6.00	45.80	47.00	37.00
		16QAM	100/25	0	34.91	40.93	33.26	39.28	34.42	6.00	45.28	47.00	37.00
		64QAM	100/25	0	35.39	41.41	34.02	40.04	34.96	6.00	46.04	47.00	37.00
		256QAM	100/25	0	35.40	41.42	33.80	39.82	34.70	6.00	45.82	47.00	37.00



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BW Arrange	Frequency	Modulation	RB Allocation		4x4 MIMO Conducted Power				Total PSD (dBm/MHz)	Ant Gain (dBi)	E.I.R.P (dBm/10MHz)	E.I.R.P Limit (dBm/10MHz)	PSD (dBm/MHz)
			Size	Offset	Per. CH. Power (dBm)	Total Power (dBm)	Per. CH. Channel Power (dBm/10MHz)	Channel Power (dBm/10MHz)					
10 + 20	LCH	QPSK	50/100	0	35.51	41.53	32.55	38.57	36.56	6.00	44.57	47.00	37.00
		16QAM	50/100	0	35.16	41.18	32.38	38.40	35.07	6.00	44.40	47.00	37.00
		64QAM	50/100	0	35.47	41.49	32.48	38.50	35.77	6.00	44.50	47.00	37.00
		256QAM	50/100	0	35.32	41.34	32.82	38.84	35.87	6.00	44.84	47.00	37.00
	MCH	QPSK	50/100	0	35.53	41.55	32.38	38.40	36.08	6.00	44.40	47.00	37.00
		16QAM	50/100	0	35.66	41.68	32.46	38.48	34.80	6.00	44.48	47.00	37.00
		64QAM	50/100	0	35.72	41.74	32.78	38.80	35.23	6.00	44.80	47.00	37.00
		256QAM	50/100	0	35.39	41.41	32.50	38.52	35.48	6.00	44.52	47.00	37.00
	HCH	QPSK	50/100	0	35.07	41.09	32.72	38.74	34.09	6.00	44.74	47.00	37.00
		16QAM	50/100	0	35.62	41.64	32.13	38.15	34.52	6.00	44.15	47.00	37.00
		64QAM	50/100	0	35.17	41.19	32.34	38.36	35.92	6.00	44.36	47.00	37.00
		256QAM	50/100	0	35.33	41.35	32.27	38.29	36.25	6.00	44.29	47.00	37.00
20 + 10	LCH	QPSK	100/50	0	36.41	42.43	33.50	39.52	35.63	6.00	45.52	47.00	37.00
		16QAM	100/50	0	35.92	41.94	33.33	39.35	36.42	6.00	45.35	47.00	37.00
		64QAM	100/50	0	36.21	42.23	33.20	39.22	36.91	6.00	45.22	47.00	37.00
		256QAM	100/50	0	36.26	42.28	33.15	39.17	35.13	6.00	45.17	47.00	37.00
	MCH	QPSK	100/50	0	35.59	41.61	32.71	38.73	36.00	6.00	44.73	47.00	37.00
		16QAM	100/50	0	35.89	41.91	32.62	38.64	35.50	6.00	44.64	47.00	37.00
		64QAM	100/50	0	35.92	41.94	32.57	38.59	35.10	6.00	44.59	47.00	37.00
		256QAM	100/50	0	35.92	41.94	32.41	38.43	35.06	6.00	44.43	47.00	37.00
	HCH	QPSK	100/50	0	35.40	41.42	32.06	38.08	35.26	6.00	44.08	47.00	37.00
		16QAM	100/50	0	35.49	41.51	32.15	38.17	35.57	6.00	44.17	47.00	37.00
		64QAM	100/50	0	35.21	41.23	32.64	38.66	34.52	6.00	44.66	47.00	37.00
		256QAM	100/50	0	35.67	41.69	32.23	38.25	34.51	6.00	44.25	47.00	37.00
15 + 20	LCH	QPSK	75/100	0	36.53	42.55	32.50	38.52	34.43	6.00	44.52	47.00	37.00
		16QAM	75/100	0	36.41	42.43	32.61	38.63	34.24	6.00	44.63	47.00	37.00
		64QAM	75/100	0	35.91	41.93	32.57	38.59	33.68	6.00	44.59	47.00	37.00
		256QAM	75/100	0	36.27	42.29	32.48	38.50	34.50	6.00	44.50	47.00	37.00
	MCH	QPSK	75/100	0	35.76	41.78	32.40	38.42	32.95	6.00	44.42	47.00	37.00
		16QAM	75/100	0	36.04	42.06	32.72	38.74	33.34	6.00	44.74	47.00	37.00
		64QAM	75/100	0	35.59	41.61	32.24	38.26	33.07	6.00	44.26	47.00	37.00
		256QAM	75/100	0	36.32	42.34	32.29	38.31	33.45	6.00	44.31	47.00	37.00
	HCH	QPSK	75/100	0	36.24	42.26	32.46	38.48	33.86	6.00	44.48	47.00	37.00
		16QAM	75/100	0	36.34	42.36	32.60	38.62	33.73	6.00	44.62	47.00	37.00
		64QAM	75/100	0	36.30	42.32	32.37	38.39	33.44	6.00	44.39	47.00	37.00
		256QAM	75/100	0	35.73	41.75	32.41	38.43	33.29	6.00	44.43	47.00	37.00



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BW Arrange	Frequency	Modulation	RB Allocation		4x4 MIMO Conducted Power				Total PSD (dBm/MHz)	Ant Gain (dBi)	E.I.R.P (dBm/10MHz)	E.I.R.P Limit (dBm/10MHz)	PSD (dBm/MHz)
			Size	Offset	Per. CH. Power (dBm)	Total Power (dBm)	Per. CH. Channel Power (dBm/10MHz)	Channel Power (dBm/10MHz)					
20 + 15	LCH	QPSK	100/75	0	36.46	42.48	32.13	38.15	34.14	6.00	44.15	47.00	37.00
		16QAM	100/75	0	36.49	42.51	31.93	37.95	34.29	6.00	43.95	47.00	37.00
		64QAM	100/75	0	36.05	42.07	31.97	37.99	34.51	6.00	43.99	47.00	37.00
		256QAM	100/75	0	36.45	42.47	32.28	38.30	34.14	6.00	44.30	47.00	37.00
	MCH	QPSK	100/75	0	36.22	42.24	31.68	37.70	35.22	6.00	43.70	47.00	37.00
		16QAM	100/75	0	35.91	41.93	31.58	37.60	34.26	6.00	43.60	47.00	37.00
		64QAM	100/75	0	36.04	42.06	31.31	37.33	33.79	6.00	43.33	47.00	37.00
		256QAM	100/75	0	36.02	42.04	31.70	37.72	33.85	6.00	43.72	47.00	37.00
	HCH	QPSK	100/75	0	35.61	41.63	31.49	37.51	35.43	6.00	43.51	47.00	37.00
		16QAM	100/75	0	36.05	42.07	31.16	37.18	34.05	6.00	43.18	47.00	37.00
		64QAM	100/75	0	35.82	41.84	31.34	37.36	35.85	6.00	43.36	47.00	37.00
		256QAM	100/75	0	35.79	41.81	31.22	37.24	34.21	6.00	43.24	47.00	37.00
20 + 20	LCH	QPSK	100/100	0	35.93	41.95	31.70	37.72	34.71	6.00	43.72	47.00	37.00
		16QAM	100/100	0	36.17	42.19	31.50	37.52	33.66	6.00	43.52	47.00	37.00
		64QAM	100/100	0	36.07	42.09	31.68	37.70	32.70	6.00	43.70	47.00	37.00
		256QAM	100/100	0	36.24	42.26	31.45	37.47	33.76	6.00	43.47	47.00	37.00
	MCH	QPSK	100/100	0	36.16	42.18	31.37	37.39	33.42	6.00	43.39	47.00	37.00
		16QAM	100/100	0	36.42	42.44	31.45	37.47	33.30	6.00	43.47	47.00	37.00
		64QAM	100/100	0	36.05	42.07	31.45	37.47	33.02	6.00	43.47	47.00	37.00
		256QAM	100/100	0	36.17	42.19	31.27	37.29	33.13	6.00	43.29	47.00	37.00
	HCH	QPSK	100/100	0	35.92	41.94	31.28	37.30	33.81	6.00	43.30	47.00	37.00
		16QAM	100/100	0	35.72	41.74	31.27	37.29	33.30	6.00	43.29	47.00	37.00
		64QAM	100/100	0	35.53	41.55	31.28	37.30	33.92	6.00	43.30	47.00	37.00
		256QAM	100/100	0	35.95	41.97	31.27	37.29	32.30	6.00	43.29	47.00	37.00



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2 Carriers non-contiguous													
BW Arrange	Frequency	Modulation	RB Allocation		4x4 MIMO Conducted Power				Total PSD (dBm/MHz)	Ant Gain (dBi)	E.I.R.P (dBm/10MHz)	E.I.R.P Limit (dBm/10MHz)	PSD (dBm/MHz)
			Size	Offset	Per. CH. Power (dBm)	Total Power (dBm)	Per. CH. Channel Power (dBm/10MHz)	Channel Power (dBm/10MHz)					
5 + 5	LCH	QPSK	25/25	0	36.30	42.32	34.13	40.15	36.38	6.00	46.15	47.00	37.00
		16QAM	25/25	0	35.97	41.99	33.94	39.96	35.75	6.00	45.96	47.00	37.00
		64QAM	25/25	0	36.08	42.10	33.16	39.18	36.06	6.00	45.18	47.00	37.00
		256QAM	25/25	0	36.12	42.14	33.48	39.50	35.77	6.00	45.50	47.00	37.00
	HCH	QPSK	25/25	0	35.57	41.59	33.15	39.17	36.85	6.00	45.17	47.00	37.00
		16QAM	25/25	0	35.98	42.00	33.96	39.98	34.77	6.00	45.98	47.00	37.00
		64QAM	25/25	0	35.61	41.63	33.74	39.76	35.66	6.00	45.76	47.00	37.00
		256QAM	25/25	0	35.73	41.75	33.62	39.64	35.88	6.00	45.64	47.00	37.00
5 + 10	LCH	QPSK	25/50	0	36.25	42.27	34.02	40.04	34.73	6.00	46.04	47.00	37.00
		16QAM	25/50	0	36.06	42.08	33.41	39.43	35.03	6.00	45.43	47.00	37.00
		64QAM	25/50	0	36.02	42.04	33.23	39.25	34.85	6.00	45.25	47.00	37.00
		256QAM	25/50	0	36.11	42.13	33.51	39.53	35.97	6.00	45.53	47.00	37.00
	HCH	QPSK	25/50	0	36.37	42.39	33.82	39.84	34.86	6.00	45.84	47.00	37.00
		16QAM	25/50	0	36.13	42.15	33.65	39.67	34.29	6.00	45.67	47.00	37.00
		64QAM	25/50	0	36.18	42.20	33.74	39.76	34.57	6.00	45.76	47.00	37.00
		256QAM	25/50	0	36.28	42.30	33.92	39.94	35.16	6.00	45.94	47.00	37.00
5 + 15	LCH	QPSK	25/75	0	35.75	41.77	33.45	39.47	34.38	6.00	45.47	47.00	37.00
		16QAM	25/75	0	35.65	41.67	33.52	39.54	34.28	6.00	45.54	47.00	37.00
		64QAM	25/75	0	36.04	42.06	33.96	39.98	35.18	6.00	45.98	47.00	37.00
		256QAM	25/75	0	35.83	41.85	33.81	39.83	34.80	6.00	45.83	47.00	37.00
	HCH	QPSK	25/75	0	36.29	42.31	34.22	40.24	35.29	6.00	46.24	47.00	37.00
		16QAM	25/75	0	36.38	42.40	34.16	40.18	35.50	6.00	46.18	47.00	37.00
		64QAM	25/75	0	36.50	42.52	34.22	40.24	35.20	6.00	46.24	47.00	37.00
		256QAM	25/75	0	36.51	42.53	34.12	40.14	34.88	6.00	46.14	47.00	37.00
5 + 20	LCH	QPSK	25/100	0	36.10	42.12	34.53	40.55	34.45	6.00	46.55	47.00	37.00
		16QAM	25/100	0	36.15	42.17	34.55	40.57	34.71	6.00	46.57	47.00	37.00
		64QAM	25/100	0	36.32	42.34	34.67	40.69	35.33	6.00	46.69	47.00	37.00
		256QAM	25/100	0	35.96	41.98	34.35	40.37	34.12	6.00	46.37	47.00	37.00
	HCH	QPSK	25/100	0	36.33	42.35	33.94	39.96	34.85	6.00	45.96	47.00	37.00
		16QAM	25/100	0	36.39	42.41	33.92	39.94	34.38	6.00	45.94	47.00	37.00
		64QAM	25/100	0	36.41	42.43	34.10	40.12	34.95	6.00	46.12	47.00	37.00
		256QAM	25/100	0	36.28	42.30	33.98	40.00	34.56	6.00	46.00	47.00	37.00



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			Size	Off set	Per. CH. Power (dBm)	Total Power (dBm)	Per. CH. Channel Power (dBm /10MHz)	Channel Power (dBm /10MHz)					
10 + 10	LCH	QPSK	50/50	0	35.90	41.92	33.25	39.27	33.12	6.00	45.27	47.00	37.00
		16QAM	50/50	0	36.12	42.14	33.52	39.54	33.89	6.00	45.54	47.00	37.00
		64QAM	50/50	0	35.93	41.95	33.30	39.32	33.28	6.00	45.32	47.00	37.00
		256QAM	50/50	0	35.88	41.90	33.36	39.38	33.10	6.00	45.38	47.00	37.00
	HCH	QPSK	50/50	0	36.10	42.12	33.67	39.69	33.88	6.00	45.69	47.00	37.00
		16QAM	50/50	0	35.89	41.91	33.52	39.54	33.61	6.00	45.54	47.00	37.00
		64QAM	50/50	0	35.82	41.84	33.40	39.42	33.27	6.00	45.42	47.00	37.00
10 + 15	LCH	QPSK	50/75	0	35.97	41.99	33.41	39.43	31.14	6.00	45.43	47.00	37.00
		16QAM	50/75	0	34.90	40.92	33.04	39.06	31.59	6.00	45.06	47.00	37.00
		64QAM	50/75	0	34.85	40.87	32.98	39.00	31.40	6.00	45.00	47.00	37.00
		256QAM	50/75	0	34.88	40.90	33.24	39.26	30.82	6.00	45.26	47.00	37.00
	HCH	QPSK	50/75	0	36.42	42.44	34.15	40.17	34.63	6.00	46.17	47.00	37.00
		16QAM	50/75	0	36.22	42.24	33.96	39.98	33.32	6.00	45.98	47.00	37.00
		64QAM	50/75	0	36.01	42.03	33.63	39.65	32.52	6.00	45.65	47.00	37.00
10 + 20	LCH	QPSK	50/100	0	35.80	41.82	33.32	39.34	31.11	6.00	45.34	47.00	37.00
		16QAM	50/100	0	35.68	41.70	32.90	38.92	31.26	6.00	44.92	47.00	37.00
		64QAM	50/100	0	35.74	41.76	32.97	38.99	31.95	6.00	44.99	47.00	37.00
		256QAM	50/100	0	35.84	41.86	33.06	39.08	31.93	6.00	45.08	47.00	37.00
	HCH	QPSK	50/100	0	36.20	42.22	33.38	39.40	32.63	6.00	45.40	47.00	37.00
		16QAM	50/100	0	33.46	39.48	33.42	39.44	32.72	6.00	45.44	47.00	37.00
		64QAM	50/100	0	33.52	39.54	33.57	39.59	32.95	6.00	45.59	47.00	37.00
15 + 20	LCH	QPSK	75/100	0	35.80	41.82	33.32	39.34	31.11	6.00	45.34	47.00	37.00
		16QAM	75/100	0	35.62	41.64	33.20	39.22	30.33	6.00	45.22	47.00	37.00
		64QAM	75/100	0	35.75	41.77	33.38	39.40	30.93	6.00	45.40	47.00	37.00
		256QAM	75/100	0	35.81	41.83	32.35	38.37	31.24	6.00	44.37	47.00	37.00
	HCH	QPSK	75/100	0	36.31	42.33	33.32	39.34	30.94	6.00	45.34	47.00	37.00
		16QAM	75/100	0	36.37	42.39	33.41	39.43	30.45	6.00	45.43	47.00	37.00
		64QAM	75/100	0	36.69	42.71	33.73	39.75	30.72	6.00	45.75	47.00	37.00
		256QAM	75/100	0	36.40	42.42	33.52	39.54	30.94	6.00	45.54	47.00	37.00



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BW Arrange	Frequency	Modulation	RB Allocation		4x4 MIMO Conducted Power				Total PSD (dBm/MHz)	Ant Gain (dBi)	E.I.R.P (dBm/10MHz)	E.I.R.P Limit (dBm/10MHz)	PSD (dBm/MHz)
			Size	Off set	Per. CH. Power (dBm)	Total Power (dBm)	Per. CH. Channel Power (dBm/10MHz)	Channel Power (dBm/10MHz)					
20 + 20	LCH	QPSK	100/100	0	36.03	42.05	31.04	37.06	30.55	6.00	43.06	47.00	37.00
		16QAM	100/100	0	35.87	41.89	30.98	37.00	30.11	6.00	43.00	47.00	37.00
		64QAM	100/100	0	36.10	42.12	31.12	37.14	30.65	6.00	43.14	47.00	37.00
		256QAM	100/100	0	35.94	41.96	30.92	36.94	29.92	6.00	42.94	47.00	37.00
	HCH	QPSK	100/100	0	36.50	42.52	33.98	40.00	33.21	6.00	46.00	47.00	37.00
		16QAM	100/100	0	36.39	42.41	32.75	38.77	32.13	6.00	44.77	47.00	37.00
		64QAM	100/100	0	36.41	42.43	32.67	38.69	32.58	6.00	44.69	47.00	37.00
		256QAM	100/100	0	36.38	42.40	32.53	38.55	32.16	6.00	44.55	47.00	37.00



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