

Appendix A: Power Output Data

Test Result

Band 2						
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 18607 1850.7MHz	Channel 18900 1880.0MHz	Channel 19193 1909.3MHz
1.4MHz	QPSK	1	0	21.29	21.41	21.2
		1	2	21.35	21.31	21.34
		1	5	21.62	21.42	21.2
		3	0	20.9	21.48	21.41
		3	1	20.79	21.5	21.3
		3	2	21.57	21.16	21.34
	16QAM	6	0	20.36	21.35	21.97
		1	0	21.49	20.77	20.53
		1	2	20.02	20.06	20.61
		1	5	20.61	20.33	20.61
		3	0	20.33	20.47	20.11
		3	1	20.26	20.63	20.26
		3	2	20.19	20.26	20.74
6	0	19.8	19.91	19.58		
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 18615 1851.5MHz	Channel 18900 1880.0MHz	Channel 19185 1908.5MHz
3MHz	QPSK	1	0	21.28	21.85	21.51
		1	8	21.31	21.94	21.5
		1	14	21.07	21.35	21.43
		8	0	21.57	21.8	21.06
		8	4	21.57	21.32	21.16
		8	7	21.26	21.8	20.89
	16QAM	15	0	20.41	20.18	20.97
		1	0	21.22	21.21	20.59
		1	8	21.48	21.11	20.82
		1	15	21.37	20.84	21.18
		8	0	21.46	21.25	20.84
		8	4	21.11	20.73	20.76
		8	7	21.27	20.57	20.91
15	0	21.39	19.67	19.74		

Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 18625 1852.5MHz	Channel 18900 1880.0MHz	Channel 19175 1907.5MHz
5MHz	QPSK	1	0	21.32	21.3	21.47
		1	13	21.42	21.22	21.57
		1	24	21.14	21.89	21.39
		12	0	21.15	21.31	21.42
		12	6	21.51	21.39	20.9
		12	13	21.64	21.61	20.7
		25	0	21.58	21.92	21.3
	16QAM	1	0	20.23	20.77	20.65
		1	13	20.21	20.57	20.08
		1	24	20.16	20.68	20.55
		12	0	20.34	20.67	20.01
		12	6	20.25	20.67	20.74
		12	13	20.39	20.7	20.08
		25	0	19.42	19.90	19.58
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 18650 1855.0MHz	Channel 18900 1880.0MHz	Channel 19150 1905.0MHz
10MHz	QPSK	1	0	21.42	21.47	21.44
		1	25	21.3	20.87	21.06
		1	49	21.14	20.88	20.83
		25	0	21.24	21.4	20.72
		25	13	21.09	20.98	20.97
		25	25	21.29	21.34	20.92
		50	0	20.7	20.74	20.7
	16QAM	1	0	21.23	20.48	20.06
		1	25	21.39	20.78	20.28
		1	49	20.97	20.44	20.18
		25	0	21.32	20.05	20.02
		25	13	21.24	21.17	20.32
		25	25	20.63	20.66	20.7
		50	0	20.23	19.87	19.43

Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 18675 1857.5MHz	Channel 18900 1880.0MHz	Channel 19125 1902.5MHz
15MHz	QPSK	1	0	21.3	21.05	21.28
		1	38	21.21	21.1	21.29
		1	74	21.46	21.38	21.48
		36	0	20.95	20.81	20.63
		36	18	21.45	21.34	21.49
		36	39	21.3	21.19	21.06
		75	0	20.35	20.48	20.33
	16QAM	1	0	21.01	20.89	20.9
		1	38	21.48	21.36	20.18
		1	74	21.42	20.58	20.46
		36	0	20.59	20.62	20.57
		36	18	21.08	21.25	20.4
		36	39	20.72	20.98	20.93
		75	0	19.67	19.65	19.84
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 18700 1860.0MHz	Channel 18900 1880.0MHz	Channel 19100 1900.0MHz
20MHz	QPSK	1	0	21.39	21.42	21.33
		1	50	21.3	21.36	20.92
		1	99	21.31	21.32	20.58
		50	0	21.14	21.36	21.31
		50	25	21.11	21.24	20.79
		50	50	21.08	21.30	20.43
		100	0	21.28	21.41	21.53
	16QAM	1	0	20.73	20.61	20.92
		1	50	20.54	20.58	20.48
		1	99	20.49	20.57	20.3
		50	0	20.70	20.40	20.74
		50	25	20.47	20.28	20.21
		50	50	20.44	20.44	20.20
		100	0	19.73	19.48	19.85

Band 4						
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 19957 1710.7MHz	Channel 20175 1732.5MHz	Channel 20393 1754.3MHz
1.4MHz	QPSK	1	0	21.57	21.56	21.55
		1	2	21.7	21.67	21.68
		1	5	21.55	21.53	21.53
		3	0	21.47	21.44	21.35
		3	1	21.5	21.34	21.32
		3	2	21.42	21.39	21.27
		6	0	21.91	21.77	21.66
	16QAM	1	0	20.57	20.76	20.53
		1	2	20.62	20.76	21.24
		1	5	20.55	20.65	20.5
		3	0	20.37	20.78	20.44
		3	1	20.49	20.51	20.45
		3	2	20.29	20.38	20.33
		6	0	19.57	19.77	19.46
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 19965 1711.5MHz	Channel 20175 1732.5MHz	Channel 20385 1753.5MHz
3MHz	QPSK	1	0	21.58	21.64	21.64
		1	8	21.53	21.55	21.56
		1	14	21.57	21.58	21.56
		8	0	21.27	21.61	21.32
		8	4	21.4	21.47	21.4
		8	7	21.42	21.36	21.34
		15	0	20.66	20.7	20.65
	16QAM	1	0	20.96	20.63	20.49
		1	8	21.08	20.73	20.56
		1	15	21.04	20.72	20.53
		8	0	20.77	20.47	20.44
		8	4	20.79	20.48	20.46
		8	7	20.72	20.63	20.22
		15	0	19.98	19.72	19.48

Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 19975 1712.5MHz	Channel 20175 1732.5MHz	Channel 20375 1752.5MHz
5MHz	QPSK	1	0	21.63	21.62	21.67
		1	13	21.62	21.57	21.67
		1	24	21.63	21.65	21.69
		12	0	21.54	21.58	21.65
		12	6	21.37	21.38	21.5
		12	13	21.58	21.45	21.64
		25	0	21.7	21.84	21.04
	16QAM	1	0	20.66	20.68	20.95
		1	13	20.66	20.65	20.89
		1	24	20.63	20.67	20.87
		12	0	20.58	20.42	20.61
		12	6	20.7	20.7	20.88
		12	13	20.4	20.48	20.85
		25	0	19.75	19.85	20.08
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20000 1715.0MHz	Channel 20175 1732.5MHz	Channel 20350 1750.0MHz
10MHz	QPSK	1	0	21.4	21.55	21.49
		1	25	21.74	21.62	21.62
		1	49	21.7	21.59	21.48
		25	0	21.28	21.37	21.23
		25	13	21.53	21.35	21.36
		25	25	21.64	21.61	21.31
		50	0	21.78	21.89	21.8
	16QAM	1	0	20.6	20.57	20.65
		1	25	21.02	21.14	20.69
		1	49	21.24	21.18	20.75
		25	0	21.21	21.19	20.7
		25	13	20.95	20.96	20.54
		25	25	20.88	20.78	20.56
		50	0	21.07	21.13	20.73

Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20025 1717.5MHz	Channel 20175 1732.5MHz	Channel 20325 1747.5MHz
15MHz	QPSK	1	0	21.57	21.64	21.6
		1	38	21.69	21.7	21.64
		1	74	21.73	21.66	21.65
		36	0	21.59	21.67	21.44
		36	18	21.45	21.54	21.47
		36	39	21.57	21.55	21.37
		75	0	20.59	20.85	20.6
	16QAM	1	0	21.09	20.79	20.97
		1	38	21.06	20.68	20.9
		1	74	21.07	20.75	20.78
		36	0	20.77	20.55	20.72
		36	18	20.94	20.76	20.88
		36	39	20.86	20.54	20.5
		75	0	20.19	19.82	19.88
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20050 1720.0MHz	Channel 20175 1732.5MHz	Channel 20300 1745.0MHz
20MHz	QPSK	1	0	21.71	21.79	21.56
		1	50	21.69	21.59	21.58
		1	99	21.76	21.7	21.57
		50	0	21.51	21.63	21.25
		50	25	21.58	21.52	21.46
		50	50	21.54	21.63	21.31
		100	0	21.85	21.76	21.75
	16QAM	1	0	20.88	20.85	21.04
		1	50	20.93	20.8	21.06
		1	99	20.99	20.91	21.12
		50	0	20.75	20.75	20.93
		50	25	20.93	20.81	20.87
		50	50	20.78	20.69	20.85
		100	0	19.9	20.03	20.23

Band 5						
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20407 824.7MHz	Channel 20525 836.5MHz	Channel 20643 848.3MHz
1.4MHz	QPSK	1	0	21.86	22.05	22.2
		1	2	21.87	22.07	22.03
		1	5	21.9	22.09	22.18
		3	0	21.82	22	22.25
		3	1	21.82	21.9	21.91
		3	2	21.56	21.71	21.81
		6	0	22.02	22.06	22
	16QAM	1	0	21.22	21.34	21.4
		1	2	21.34	21.78	21.54
		1	5	21.24	21.39	21.48
		3	0	21.16	21.12	21.2
		3	1	21.28	21.29	21.27
		3	2	21.18	21.11	21.45
		6	0	20.31	20.53	20.44
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20415 825.5MHz	Channel 20525 836.5MHz	Channel 20635 847.5MHz
3MHz	QPSK	1	0	21.65	22.01	22.18
		1	8	21.61	22.01	22.09
		1	14	21.75	21.97	22.07
		8	0	21.72	21.8	21.98
		8	4	21.61	21.8	21.91
		8	7	21.67	21.82	21.92
		15	0	21.79	22.02	22.19
	16QAM	1	0	21.74	21.39	21.41
		1	8	21.78	21.45	21.49
		1	15	21.67	21.36	21.47
		8	0	21.4	21.11	21.31
		8	4	21.5	21.11	21.28
		8	7	21.4	21.1	21.24
		15	0	20.65	20.28	20.33

Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20425 826.5MHz	Channel 20525 836.5MHz	Channel 20625 846.5MHz
5MHz	QPSK	1	0	21.97	22.24	22.15
		1	13	21.95	22.17	21.86
		1	24	22.03	22.23	21.93
		12	0	21.71	21.91	22.01
		12	6	21.74	21.98	21.86
		12	13	21.8	21.95	21.6
		25	0	22.03	22.02	22.11
	16QAM	1	0	21.32	21.57	21.5
		1	13	21.39	21.68	21.44
		1	24	21.28	21.65	21.46
		12	0	21.12	21.31	21.29
		12	6	21.36	21.49	21.29
		12	13	21.29	21.4	21.33
		25	0	20.41	20.61	20.36
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20450 829MHz	Channel 20525 836.5MHz	Channel 20600 844.0MHz
10MHz	QPSK	1	0	21.24	21.37	21.45
		1	25	21.21	21.35	21.33
		1	49	21.31	21.34	20.87
		25	0	20.92	21.22	21.35
		25	13	21.24	21.35	21.36
		25	25	21.19	21.27	20.8
		50	0	22.03	22.1	22.05
	16QAM	1	0	21.48	21.1	21.09
		1	25	21.38	21.09	21.06
		1	49	21.45	21.27	20.84
		25	0	21.37	20.99	20.99
		25	13	21.27	21.13	20.83
		25	25	21.17	21.16	20.52
		50	0	21.47	21.09	21.08

Band 7						
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20775 2502.5MHz	Channel 21100 2535MHz	Channel 21425 2567.5MHz
5MHz	QPSK	1	0	20.98	20.57	19.79
		1	13	20.57	19.94	19.48
		1	24	20.7	20.05	19.61
		12	0	20.79	20.61	19.71
		12	6	20.43	19.63	19.32
		12	13	20.46	19.92	19.5
		25	0	21.15	20.86	21.07
	16QAM	1	0	20.82	20.42	19.85
		1	13	20.44	19.99	19.55
		1	24	20.69	20.19	19.89
		12	0	20.69	20.42	19.82
		12	6	20.36	19.81	19.53
		12	13	20.51	20.00	19.85
		25	0	19.82	19.45	18.87
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20800 2505MHz	Channel 21100 2535MHz	Channel 21400 2565MHz
10MHz	QPSK	1	0	20.66	19.87	19.68
		1	25	20.36	19.67	19.62
		1	49	20.24	19.38	19.31
		25	0	20.42	19.8	19.42
		25	13	20.07	19.41	19.3
		25	25	20.01	19.11	19.06
		50	0	21.13	21.11	21.15
	16QAM	1	0	20.24	19.35	18.9
		1	25	20.11	19.19	18.91
		1	49	19.96	18.9	18.68
		25	0	20.04	19.18	18.62
		25	13	20.05	19.17	18.8
		25	25	19.69	18.78	18.6
		50	0	19.25	18.39	18.06

Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20825 2507.5MHz	Channel 21100 2535MHz	Channel 21375 2562.5MHz
15MHz	QPSK	1	0	20.56	19.98	19.66
		1	38	20.26	19.62	19.56
		1	74	20.48	19.51	19.48
		36	0	20.51	19.84	19.69
		36	18	20.15	19.3	19.48
		36	39	20.25	19.3	19.33
		75	0	19.82	19.04	18.76
	16QAM	1	0	20.24	19.58	19.25
		1	38	20.03	19.16	19.19
		1	74	20.21	19.03	19.15
		36	0	20.06	19.31	19.04
		36	18	19.83	18.97	18.85
		36	39	20.02	18.86	18.96
		75	0	19.28	18.67	18.34
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 20850 2510MHz	Channel 21100 2535MHz	Channel 21350 2560MHz
20MHz	QPSK	1	0	20.72	20.15	19.69
		1	50	20.25	19.52	19.52
		1	99	20.4	19.62	19.48
		50	0	20.53	19.95	19.48
		50	25	20.08	19.49	19.44
		50	50	20.31	19.29	19.25
		100	0	21.04	21.03	20.91
	16QAM	1	0	20.64	20.15	19.89
		1	50	20.37	19.61	19.85
		1	99	20.46	19.59	19.91
		50	0	20.65	20.14	19.72
		50	25	20.07	19.41	19.63
		50	50	20.32	19.59	19.65
		100	0	19.65	19.17	19.03

Band 17						
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 23755 706.5MHz	Channel 23790 710MHz	Channel 23825 713.5MHz
5MHz	QPSK	1	0	22.42	22.21	22.17
		1	13	22.04	22.07	22.1
		1	24	22.18	22.25	22.15
		12	0	22.24	21.93	21.84
		12	6	21.96	21.94	21.93
		12	13	22.05	21.99	21.91
		25	0	22.41	22.45	22.62
	16QAM	1	0	21.65	21.68	21.61
		1	13	21.62	21.76	21.55
		1	24	21.47	21.74	21.39
		12	0	21.36	21.62	21.58
		12	6	21.35	21.4	21.44
		12	13	21.39	21.45	21.2
		25	0	20.75	20.66	20.72
Bandwidth	Mode	RB Size	RB Offset	Actual output power(dBm)		
				Channel 23780 709MHz	Channel 23790 710MHz	Channel 23800 711MHz
10MHz	QPSK	1	0	22.52	22.46	22.45
		1	25	22.08	22.17	22.33
		1	49	22.23	22.23	22.32
		25	0	22.37	22.36	22.32
		25	13	22.07	22.19	22.28
		25	25	21.95	22.16	22.31
		50	0	22.55	22.6	22.58
	16QAM	1	0	21.02	21.71	21.6
		1	25	21.32	21.59	21.54
		1	49	21.56	21.57	21.43
		25	0	21.76	21.58	21.57
		25	13	21.74	21.59	21.34
		25	25	21.62	21.51	21.23
		50	0	20.85	20.61	20.65