



ANT 0

GSM: ant 0 Full Power

Band: GSM 850	Burst Average Power (dBm)			Frame-Average Power(dBm)		
	128	190	251	128	190	251
Channel	824.2	836.6	848.8	824.2	836.6	848.8
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM (GMSK, Voice)	32.44	32.45	32.45	23.41	23.42	23.42
GPRS (GMSK, 1 TX slot)	32.43	32.38	32.37	23.4	23.35	23.34
GPRS (GMSK, 2 TX slots)	31.70	31.68	31.68	25.68	25.66	25.66
GPRS (GMSK, 3 TX slots)	29.94	29.94	29.93	25.68	25.68	25.67
GPRS (GMSK, 4 TX slots)	28.83	28.85	28.86	25.82	25.84	25.85
EGPRS (8PSK, 1 TX slot)	26.82	26.55	26.59	17.79	17.52	17.56
EGPRS (8PSK, 2 TX slots)	25.74	25.51	25.56	19.72	19.49	19.54
EGPRS (8PSK, 3 TX slots)	23.65	23.43	23.49	19.39	19.17	19.23
EGPRS (8PSK, 4 TX slots)	22.41	22.19	22.28	19.4	19.18	19.27

GSM: ant 0 Full Power

Band: PCS 1900	Burst Average Power (dBm)			Frame-Average Power(dBm)		
	512	661	810	512	661	810
Channel	1850.2	1880	1909.8	1850.2	1880	1909.8
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM (GMSK, Voice)	29.32	29.47	29.44	20.29	20.44	20.41
GPRS (GMSK, 1 TX slot)	29.31	29.39	29.34	20.28	20.36	20.31
GPRS (GMSK, 2 TX slots)	28.53	28.71	28.69	22.51	22.69	22.67
GPRS (GMSK, 3 TX slots)	26.72	26.99	27.04	22.46	22.73	22.78
GPRS (GMSK, 4 TX slots)	25.58	25.86	25.97	22.57	22.85	22.96
EGPRS (8PSK, 1 TX slot)	24.90	24.57	24.31	15.87	15.54	15.28
EGPRS (8PSK, 2 TX slots)	23.98	23.76	23.49	17.96	17.74	17.47
EGPRS (8PSK, 3 TX slots)	22.14	21.87	21.62	17.88	17.61	17.36
EGPRS (8PSK, 4 TX slots)	21.03	20.82	20.57	18.02	17.81	17.56

WCDMA: ant 0 Full Power

WCDMA Average power (dBm)			
Band	WCDMA Band V		
Channel	4132	4183	4233
Frequency (MHz)	826.4	836.6	846.6
AMR 12.2 kbps	23.45	23.58	23.62
RMC 12.2 kbps	23.44	23.56	23.60
HSDPA Sub-test 1	22.49	22.58	22.64
HSDPA Sub-test 2	21.97	22.11	22.16
HSDPA Sub-test 3	22.06	22.15	22.21
HSDPA Sub-test 4	21.99	22.10	22.15
HSUPA Sub-test 1	21.52	21.63	21.68
HSUPA Sub-test 2	22.00	22.12	22.17
HSUPA Sub-test 3	22.53	22.64	22.65
HSUPA Sub-test 4	21.23	21.38	21.40
HSUPA Sub-test 5	23.52	23.63	23.69

WCDMA: ant 0 Full Power

WCDMA Average power (dBm)						
Band	WCDMA Band IV			WCDMA Band II		
	1312	1413	1513	9262	9400	9538
Channel	1712.4	1732.6	1752.6	1852.4	1880	1907.6
Frequency (MHz)	1712.4	1732.6	1752.6	1852.4	1880	1907.6
AMR 12.2 kbps	23.13	22.99	23.06	23.14	23.25	23.30
RMC 12.2 kbps	23.13	23.06	23.15	23.08	23.19	23.18
HSDPA Sub-test 1	22.12	22.06	22.13	22.19	22.28	22.31
HSDPA Sub-test 2	21.63	21.56	21.67	21.66	21.76	21.78
HSDPA Sub-test 3	21.69	21.63	21.71	21.70	21.80	21.81
HSDPA Sub-test 4	21.64	21.57	21.66	21.67	21.75	21.84
HSUPA Sub-test 1	21.16	21.07	21.16	21.12	21.23	21.29
HSUPA Sub-test 2	21.64	21.59	21.67	21.62	21.75	21.78
HSUPA Sub-test 3	22.16	22.06	22.17	22.16	22.27	22.28
HSUPA Sub-test 4	20.86	20.79	20.89	20.86	20.97	21.00
HSUPA Sub-test 5	23.17	23.09	23.17	23.15	23.26	23.29



ANT 4

GSM: ant 4 Full Power

Band: GSM 850	Burst Average Power (dBm)			Frame-Average Power(dBm)		
	128	190	251	128	190	251
Channel	824.2	836.6	848.8	824.2	836.6	848.8
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM (GMSK, Voice)	31.66	31.60	31.51	22.63	22.57	22.48
GPRS (GMSK, 1 TX slot)	31.66	31.57	31.48	22.63	22.54	22.45
GPRS (GMSK, 2 TX slots)	30.91	30.83	30.75	24.89	24.81	24.73
GPRS (GMSK, 3 TX slots)	29.10	29.07	28.99	24.84	24.81	24.73
GPRS (GMSK, 4 TX slots)	27.94	27.95	27.89	24.93	24.94	24.88
EGPRS (8PSK, 1 TX slot)	25.01	25.12	25.11	15.98	16.09	16.08
EGPRS (8PSK, 2 TX slots)	23.90	24.06	24.02	17.88	18.04	18
EGPRS (8PSK, 3 TX slots)	21.82	21.92	21.94	17.56	17.66	17.68
EGPRS (8PSK, 4 TX slots)	20.57	20.70	20.66	17.56	17.69	17.65

GSM: ant 4 Full Power

Band: PCS 1900	Burst Average Power (dBm)			Frame-Average Power(dBm)		
	512	661	810	512	661	810
Channel	1850.2	1880	1909.8	1850.2	1880	1909.8
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM (GMSK, Voice)	26.57	26.23	25.80	17.54	17.20	16.77
GPRS (GMSK, 1 TX slot)	26.64	26.30	25.88	17.61	17.27	16.85
GPRS (GMSK, 2 TX slots)	25.87	26.61	25.19	19.85	19.59	19.17
GPRS (GMSK, 3 TX slots)	24.13	23.94	23.56	19.87	19.68	19.30
GPRS (GMSK, 4 TX slots)	22.98	22.85	22.51	19.97	19.84	19.50
EGPRS (8PSK, 1 TX slot)	21.95	21.94	21.97	12.92	12.91	12.94
EGPRS (8PSK, 2 TX slots)	20.97	21.10	21.12	14.95	15.08	15.10
EGPRS (8PSK, 3 TX slots)	19.09	19.22	19.29	14.83	14.96	15.03
EGPRS (8PSK, 4 TX slots)	17.99	18.08	18.15	14.98	15.07	15.14

WCDMA: ant 4 Full Power

WCDMA Average power (dBm)			
Band	WCDMA Band V		
Channel	4132	4183	4233
Frequency (MHz)	826.4	836.6	846.6
AMR 12.2 kbps	20.22	22.30	22.26
RMC 12.2 kbps	20.22	22.28	22.23
HSDPA Sub-test 1	21.26	21.31	21.31
HSDPA Sub-test 2	20.77	20.83	20.83
HSDPA Sub-test 3	20.79	20.88	20.88
HSDPA Sub-test 4	20.77	20.83	20.81
HSUPA Sub-test 1	20.31	20.36	20.37
HSUPA Sub-test 2	20.81	20.90	20.83
HSUPA Sub-test 3	21.30	21.38	21.33
HSUPA Sub-test 4	20.03	20.11	20.09
HSUPA Sub-test 5	22.33	22.39	22.37

WCDMA: ant 4 Full Power

WCDMA Average power (dBm)						
Band	WCDMA Band IV			WCDMA Band II		
Channel	1312	1413	1513	9262	9400	9538
Frequency (MHz)	1712.4	1732.6	1752.6	1852.4	1880	1907.6
AMR 12.2 kbps	20.87	20.74	20.60	20.45	20.37	20.19
RMC 12.2 kbps	20.88	20.77	20.65	20.41	20.33	20.31
HSDPA Sub-test 1	19.85	19.75	19.60	19.44	19.37	19.20
HSDPA Sub-test 2	19.36	19.24	19.14	18.91	18.85	18.66
HSDPA Sub-test 3	19.43	19.30	19.18	18.98	18.89	18.70
HSDPA Sub-test 4	19.42	19.28	19.15	18.93	18.84	18.73
HSUPA Sub-test 1	18.91	18.78	18.66	18.44	18.37	18.17
HSUPA Sub-test 2	19.39	19.30	19.15	18.93	18.89	18.68
HSUPA Sub-test 3	19.90	19.79	19.64	19.44	19.37	19.18
HSUPA Sub-test 4	18.61	18.48	18.38	18.20	18.11	17.91
HSUPA Sub-test 5	20.92	20.80	20.66	20.46	20.35	20.17



ANT 1

LTE Band 7 part ant 1 Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					2500 MHz	2510 MHz	2525 MHz	2567 MHz	
Band 7	5	QPSK	16QAM	1	0	22.20	22.45	22.53	
				1	24	22.38	22.51	22.47	
				12	0	21.23	21.33	21.43	
				12	6	21.23	21.34	21.43	
				12	11	21.31	21.32	21.39	
				25	0	21.30	21.34	21.46	
				1	12	21.17	21.35	21.49	
				1	24	21.19	21.32	21.54	
				1	24	20.24	20.30	20.50	
				12	6	20.25	20.28	20.52	
	64QAM	12	11	20.31	20.28	20.45			
		25	0	20.20	20.32	20.42			
		1	0	20.26	20.19	20.84			
		1	12	20.38	20.21	20.83			
		1	24	20.45	20.25	20.88			
		12	0	19.28	19.39	19.50			
		12	6	19.30	19.37	19.50			
		12	11	19.39	19.36	19.49			
		25	0	19.29	19.32	19.41			
		25	0	19.31	19.33	19.36			

LTE Band 38 part ant 1 Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					3775 MHz	3800 MHz	3815 MHz	3820 MHz	
Band 38	5	QPSK	16QAM	1	0	22.12	22.34	22.38	
				1	24	22.26	22.39	22.40	
				12	0	21.01	21.15	21.24	
				12	6	21.04	21.16	21.25	
				12	11	21.05	21.15	21.21	
				25	0	21.07	21.21	21.31	
				1	0	21.31	21.47	21.37	
				1	12	21.30	21.41	21.49	
				1	24	21.33	21.38	21.51	
				12	0	19.96	20.11	20.25	
	64QAM	12	6	20.00	20.13	20.24			
		12	11	20.05	20.15	20.22			
		25	0	20.05	20.17	20.26			
		1	0	20.22	20.40	20.45			
		1	12	20.31	20.40	20.44			
		1	24	20.35	20.44	20.48			
		12	0	19.05	19.16	19.25			
		12	6	19.02	19.14	19.25			
		12	11	19.10	19.18	19.23			
		25	0	19.08	19.21	19.27			

LTE Band 41 part ant 1 ENDC Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)					
					3975 MHz	4015 MHz	4055 MHz	4105 MHz	4155 MHz	
Band 41	5	QPSK	16QAM	1	0	20.70	20.77	21.09	20.87	20.83
				1	24	20.73	20.74	21.07	20.85	20.74
				1	24	20.78	20.75	21.14	20.88	20.72
				12	0	19.76	19.81	19.88	19.83	19.86
				12	6	19.74	19.80	19.87	19.82	19.85
				12	11	19.75	19.79	19.86	19.81	19.84
				25	0	19.77	19.84	19.93	19.87	19.90
				1	0	19.85	19.97	20.20	20.05	20.09
				1	12	19.89	19.96	20.17	20.03	20.02
				1	24	19.97	19.99	20.19	20.05	20.00
	64QAM	12	0	18.73	18.76	18.92	18.83	18.83		
		12	6	18.76	18.82	18.88	18.85	18.88		
		12	11	18.75	18.80	18.87	18.82	18.84		
		25	0	18.74	18.80	18.91	18.84	18.86		
		1	0	18.86	19.12	19.27	19.17	19.37		
		1	12	18.88	19.07	19.27	19.14	19.26		
		1	24	18.93	18.95	19.28	19.08	19.06		
		12	0	17.73	17.78	17.91	17.82	17.82		
		12	6	17.76	17.80	17.88	17.82	17.83		
		12	11	17.75	17.78	17.90	17.82	17.83		

LTE Band 7 part ant 1 Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					20800 MHz	21100 MHz	21400 MHz	21900 MHz	
Band 7	10	QPSK	16QAM	1	0	22.16	22.39	22.44	
				1	24	22.39	22.35	22.45	
				1	48	21.26	21.33	21.42	
				25	0	21.26	21.33	21.42	
				25	12	21.25	21.34	21.42	
				25	24	21.38	21.33	21.38	
				50	0	21.31	21.34	21.41	
				1	0	21.22	21.24	21.18	
				1	24	21.36	21.16	21.19	
				1	48	21.25	21.25	21.24	
	64QAM	25	0	20.22	20.33	20.44			
		25	12	20.22	20.32	20.43			
		25	24	20.33	20.33	20.43			
		50	0	20.30	20.33	20.41			
		1	0	20.05	20.11	20.57			
		1	24	20.10	20.10	20.58			
		1	48	20.23	20.14	20.62			
		25	0	19.25	19.29	19.38			
		25	12	19.25	19.28	19.38			
		25	24	19.36	19.29	19.35			

LTE Band 38 part ant 1 Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					37800 MHz	38000 MHz	38200 MHz	38300 MHz	
Band 38	10	QPSK	16QAM	1	0	22.02	22.32	22.23	
				1	24	22.03	22.29	22.12	
				1	48	21.15	21.22	21.25	
				25	0	20.98	21.15	21.12	
				25	12	20.96	21.14	21.13	
				25	24	21.06	21.21	21.23	
				50	0	21.05	21.15	21.21	
				1	0	20.76	21.48	20.92	
				1	24	20.71	21.41	20.95	
				1	48	20.94	21.50	21.09	
	64QAM	25	0	19.94	20.20	20.11			
		25	12	19.98	20.20	20.11			
		25	24	20.03	20.24	20.15			
		50	0	20.05	20.14	20.19			
		1	0	19.77	20.44	19.97			
		1	24	19.80	20.38	20.01			
		1	48	19.98	20.57	20.01			
		25	0	18.89	19.13	19.02			
		25	12	18.93	19.13	19.02			
		25	24	18.86	19.18	19.12			

LTE Band 41 part ant 1 ENDC Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)					
					39700 MHz	40100 MHz	40500 MHz	41000 MHz	41400 MHz	
Band 41	10	QPSK	16QAM	1	0	20.87	20.90	21.02	20.84	20.92
				1	24	20.79	20.79	20.96	20.95	20.79
				1	48	20.88	20.85	21.03	20.93	20.91
				25	0	19.75	19.81	19.93	19.85	19.85
				25	12	19.76	19.82	19.94	19.86	19.87
				25	24	19.74	19.80	19.95	19.85	19.85
				50	0	19.81	19.83	19.91	19.86	19.85
				1	0	20.12	20.01	20.30	20.10	19.89
				1	24	20.12	19.93	20.26	20.04	19.73
				1	48	20.24	20.03	20.46	20.17	19.82
	64QAM	25	0	18.80	18.83	18.96	18.86	18.86		
		25	12	18.80	18.84	18.97	18.88	18.87		
		25	24	18.79	18.85	18.92	18.85	18.86		
		50	0	18.80	18.83	18.90	18.85	18.86		
		1	0	19.17	19.01	19.37	19.13	18.84		
		1	24	19.12	18.93	19.26	19.13	18.84		
		1	48	19.34	19.10	19.39	19.20	18.86		
		25	0	17.74	17.75	17.90	17.80	17.76		
		25	12	17.75	17.76	17.92	17.81	17.76		
		25	24	17.75	17.76	17.90	17.80	17.75		

LTE Band 7 part ant 1 Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					20850 MHz	21100 MHz	21350 MHz	21850 MHz	
Band 7	15	QPSK	16QAM	1	0	22.29	22.30	22.37	
				1	37	22.31	22.32	22.45	
				1	74	22.44	22.33	22.47	
				38	0	21.33	21.35	21.39	
				38	16	21.34	21.35	21.40	
				38	35	21.33	21.34	21.39	
				75	0	21.34	21.35	21.39	
				1	0	21.25	21.46	21.20	
				1	37	21.37	21.46	21.22	
				1	74	21.31	21.49	21.28	
	64QAM	38	0	21.30	21.34	21.39			
		38	16	21.33	21.34	21.40			
		38	35	21.33	21.34	21.41			
		75	0	20.32	20.36	20.44			
		1	0	20.07	20.44	20.61			
		1	37	20.19	20.47	20.60			
		1	74	20.24	20.51	20.64			
		38	0	21.34	21.36	21.40			
		38	16	21.34	21.34	21.39			
		38	35	21.33	21.36	21.40			

LTE Band 38 part ant 1 Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					37850 MHz	38000 MHz	38150 MHz	38200 MHz	
Band 38	15	QPSK	16QAM	1	0	22.04	22.20	22.12	
				1	49	22.12	22.23	22.08	
				1	99	22.25	22.32	22.13	
				50	0	21.14	21.22	21.25	
				50	24	21.10	21.22	21.25	
				50	49	21.20	21.29	21.30	
				100	0	21.14	21.23	21.24	
				1	0	21.09	21.24	20.85	
				1	49	21.16	21.28	20.85	
				1	99	21.31	21.34	20.88	
	64QAM	50	0	20.11	20.21	20.27			
		50	24	20.12	20.22	20.27			
		50	49	20.21	20.27				



ANT 5

LTE Band 42(3450-3550) part ant 5 Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					42115	42590	43065
					3452.5MHz	3500.0MHz	3547.5MHz
Band 42	5	QPSK	1	0	21.55	21.57	21.85
			1	12	21.52	21.58	21.83
			1	24	21.53	21.69	21.92
			12	0	20.56	20.55	20.81
			12	6	20.56	20.56	20.82
			12	11	20.56	20.62	20.83
			25	0	20.57	20.61	20.87
			25	0	20.57	20.61	20.87
		16QAM	1	0	20.65	20.60	21.16
			1	12	20.64	20.60	21.16
			1	24	20.65	20.69	21.18
			12	0	19.65	19.52	19.81
			12	6	19.65	19.53	19.79
			12	11	19.59	19.56	19.85
			25	0	19.56	19.55	19.86
			25	0	19.56	19.55	19.86
		64QAM	1	0	19.90	19.46	20.01
			1	12	19.86	19.46	20.01
			1	24	19.88	19.57	20.05
			12	0	18.65	18.46	18.81
			12	6	18.64	18.47	18.80
			12	11	18.62	18.53	18.84
			25	0	18.47	18.56	18.85
			25	0	18.47	18.56	18.85
Band 42	10	QPSK	1	0	21.68	21.52	21.82
			1	24	21.59	21.60	21.86
			1	49	21.66	21.79	21.97
			25	0	20.61	20.51	20.75
			25	12	20.61	20.51	20.76
			25	24	20.64	20.64	20.86
			50	0	20.63	20.57	20.83
			50	0	20.63	20.57	20.83
		16QAM	1	0	20.86	20.17	20.71
			1	24	20.73	20.24	20.69
			1	49	20.89	20.43	20.84
			25	0	19.66	19.48	19.74
			25	12	19.66	19.46	19.74
			25	24	19.65	19.59	19.86
			50	0	19.58	19.54	19.78
			50	0	19.58	19.54	19.78
		64QAM	1	0	19.92	19.22	20.11
			1	24	19.85	19.30	20.13
			1	49	19.94	19.46	20.27
			25	0	18.55	18.36	18.76
			25	12	18.54	18.37	18.76
			25	24	18.58	18.49	18.84
			50	0	18.62	18.49	18.76
			50	0	18.62	18.49	18.76
Band 42	15	QPSK	1	0	21.64	21.58	21.72
			1	37	21.61	21.74	21.80
			1	74	21.69	21.90	21.92
			36	0	20.62	20.57	20.75
			36	16	20.61	20.57	20.73
			36	35	20.61	20.57	20.71
			75	0	20.61	20.57	20.72
			75	0	20.61	20.57	20.72
		16QAM	1	0	20.83	20.26	20.63
			1	37	20.82	20.45	20.70
			1	74	20.87	20.58	20.85
			36	0	20.62	20.58	20.75
			36	16	20.61	20.57	20.75
			36	35	20.62	20.57	20.71
			75	0	19.66	19.60	19.74
			75	0	19.66	19.60	19.74
		64QAM	1	0	19.90	19.57	20.03
			1	37	19.89	19.76	20.12
			1	74	19.94	19.93	20.24
			36	0	20.61	20.57	20.75
			36	16	20.62	20.57	20.75
			36	35	20.61	20.57	20.74
			75	0	18.65	18.57	18.77
			75	0	18.65	18.57	18.77
Band 42	20	QPSK	1	0	21.70	21.46	21.72
			1	49	21.67	21.60	21.75
			1	99	21.64	21.81	21.94
			50	0	20.69	20.47	20.62
			50	24	20.70	20.47	20.62
			50	49	20.70	20.69	20.81
			100	0	20.69	20.57	20.71
			100	0	20.69	20.57	20.71
		16QAM	1	0	20.75	19.99	20.36
			1	49	20.70	20.16	20.42
			1	99	20.69	20.36	20.57
			50	0	19.70	19.49	19.59
			50	24	19.69	19.50	19.63
			50	49	19.70	19.75	19.76
			100	0	19.65	19.55	19.68
			100	0	19.65	19.55	19.68
		64QAM	1	0	19.63	19.41	19.75
			1	49	19.55	19.62	19.78
			1	99	19.53	19.79	19.96
			50	0	18.66	18.54	18.61
			50	24	18.64	18.54	18.61
			50	49	18.63	18.74	18.77
			100	0	18.65	18.56	18.65
			100	0	18.65	18.56	18.65
Band 42	20	QPSK	1	0	21.70	21.46	21.72
			1	49	21.67	21.60	21.75
			1	99	21.64	21.81	21.94
			50	0	20.69	20.47	20.62
			50	24	20.70	20.47	20.62
			50	49	20.70	20.69	20.81
			100	0	20.69	20.57	20.71
			100	0	20.69	20.57	20.71
		16QAM	1	0	20.75	19.99	20.36
			1	49	20.70	20.16	20.42
			1	99	20.69	20.36	20.57
			50	0	19.70	19.49	19.59
			50	24	19.69	19.50	19.63
			50	49	19.70	19.75	19.76
			100	0	19.65	19.55	19.68
			100	0	19.65	19.55	19.68
		64QAM	1	0	19.63	19.41	19.75
			1	49	19.55	19.62	19.78
			1	99	19.53	19.79	19.96
			50	0	18.66	18.54	18.61
			50	24	18.64	18.54	18.61
			50	49	18.63	18.74	18.77
			100	0	18.65	18.56	18.65
			100	0	18.65	18.56	18.65



ANT 0

NR n5 part ant 0 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					16800	167300	16800
					82MHz	836.5MHz	844MHz
n5	30	10	1286	DFT BPSK	23.12	23.07	22.88
			181	DFT BPSK	23.12	23.07	22.88
			1822	DFT BPSK	23.06	22.88	22.86
			1286	DFT QPSK	23.12	23.01	23.01
			181	DFT QPSK	23.01	22.84	22.71
			1822	DFT QPSK	22.93	22.74	22.74
			1286	DFT QAM16	22.27	22.06	21.97
			181	DFT QAM16	22.16	21.99	21.86
			1822	DFT QAM16	21.98	21.84	21.32
			1286	DFT QAM64	20.70	20.65	20.68
			181	DFT QAM64	20.99	20.59	20.32
			1822	DFT QAM64	20.91	20.58	20.56
			1286	DFT QAM256	18.66	18.43	18.33
			181	DFT QAM256	18.59	18.50	18.28
			1822	DFT QAM256	18.54	18.46	18.24
			1286	CP QPSK	21.85	21.39	21.53
			181	CP QPSK	21.57	21.83	21.24
			1822	CP QPSK	21.51	21.31	21.32
			1286	CP QAM16	21.07	20.93	20.82
			181	CP QAM16	20.99	21.57	21.29
			1822	CP QAM16	21.35	21.36	21.30
			1286	CP QAM64	19.75	19.51	19.40
			181	CP QAM64	19.89	20.16	19.95
			1822	CP QAM64	19.79	19.97	19.52
1286	CP QAM256	16.79	16.63	16.44			
181	CP QAM256	16.71	16.55	16.42			
1822	CP QAM256	16.75	16.45	16.52			
NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					168300	167300	168300
					831.5MHz	836.5MHz	841.5MHz
n5	30	15	1849	DFT BPSK	23.03	22.96	22.88
			181	DFT BPSK	23.11	23.04	22.90
			1836	DFT BPSK	23.08	22.94	22.78
			1849	DFT QPSK	23.08	22.94	22.86
			181	DFT QPSK	22.96	22.93	22.82
			1836	DFT QPSK	22.77	22.70	22.63
			1849	DFT QAM16	22.24	22.11	22.00
			181	DFT QAM16	22.16	22.48	22.02
			1836	DFT QAM16	22.37	22.24	21.93
			1849	DFT QAM64	20.77	20.63	20.56
			181	DFT QAM64	20.73	20.63	20.70
			1836	DFT QAM64	20.23	20.32	20.68
			1849	DFT QAM256	18.60	18.50	18.42
			181	DFT QAM256	18.57	18.44	18.42
			1836	DFT QAM256	18.49	18.46	18.25
			1949	CP QPSK	21.82	21.63	21.45
			181	CP QPSK	21.55	21.38	21.28
			1836	CP QPSK	21.33	21.30	21.16
			1949	CP QAM16	21.24	21.16	21.05
			181	CP QAM16	21.53	21.13	20.83
			1836	CP QAM16	20.98	21.21	20.68
			1949	CP QAM64	19.85	19.71	19.54
			181	CP QAM64	19.71	19.69	19.49
			1836	CP QAM64	19.5	19.71	19.58
1949	CP QAM256	16.71	16.51	16.43			
181	CP QAM256	16.61	16.64	16.46			
1836	CP QAM256	16.45	16.31	16.36			

NR n12 part ant 0 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					140800	141500	142200
					704MHz	707.5MHz	711MHz
n12	30	10	1286	DFT BPSK	23.10	23.13	23.17
			181	DFT BPSK	23.03	23.04	23.07
			1822	DFT BPSK	23.08	23.06	23.03
			1286	DFT QPSK	23.16	23.16	23.15
			181	DFT QPSK	23.06	22.97	22.97
			1822	DFT QPSK	23.11	22.96	22.85
			1286	DFT QAM16	22.14	22.12	22.05
			181	DFT QAM16	22.23	22.46	22.51
			1822	DFT QAM16	22.29	22.53	22.53
			1286	DFT QAM64	20.67	20.76	20.72
			181	DFT QAM64	20.98	20.89	21.00
			1822	DFT QAM64	20.98	21.04	20.95
			1286	DFT QAM256	18.62	18.55	18.59
			181	DFT QAM256	18.65	18.46	18.57
			1822	DFT QAM256	18.69	18.46	18.46
			1286	CP QPSK	21.60	21.56	21.61
			181	CP QPSK	21.56	21.54	21.65
			1822	CP QPSK	21.63	21.49	21.60
			1286	CP QAM16	21.01	21.04	21.03
			181	CP QAM16	21.04	21.29	21.32
			1822	CP QAM16	21.04	21.20	21.40
			1286	CP QAM64	19.67	19.59	19.70
			181	CP QAM64	19.67	19.63	20.00
			1822	CP QAM64	19.96	19.93	19.86
1286	CP QAM256	16.64	16.58	16.77			
181	CP QAM256	16.67	16.77	16.76			
1822	CP QAM256	16.76	16.71	16.75			
NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					141300	141500	141700
					706.5MHz	707.5MHz	708.5MHz
n12	30	15	1849	DFT BPSK	23.12	23.12	23.11
			181	DFT BPSK	23.05	23.01	23.01
			1836	DFT BPSK	22.99	23.03	22.99
			1849	DFT QPSK	23.11	23.09	23.08
			181	DFT QPSK	22.88	22.93	23.07
			1836	DFT QPSK	22.79	22.90	22.88
			1849	DFT QAM16	22.17	22.16	22.26
			181	DFT QAM16	22.48	22.08	22.10
			1836	DFT QAM16	22.53	22.19	22.24
			1849	DFT QAM64	20.81	20.79	20.82
			181	DFT QAM64	20.68	20.56	20.57
			1836	DFT QAM64	20.93	20.67	20.56
			1849	DFT QAM256	18.60	18.63	18.64
			181	DFT QAM256	18.50	18.67	18.50
			1836	DFT QAM256	18.62	18.51	18.44
			1949	CP QPSK	21.75	21.64	21.59
			181	CP QPSK	21.41	21.50	21.52
			1836	CP QPSK	21.43	21.32	21.54
			1949	CP QAM16	21.24	21.15	21.12
			181	CP QAM16	21.24	21.43	21.40
			1836	CP QAM16	21.19	21.33	21.30
			1949	CP QAM64	19.84	19.74	19.77
			181	CP QAM64	19.58	19.77	19.73
			1836	CP QAM64	19.58	19.75	19.96
1949	CP QAM256	16.66	16.66	16.69			
181	CP QAM256	16.65	16.67	16.64			
1836	CP QAM256	16.65	16.65	16.69			

NR n66 part ant 0 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					343000	349000	355000
					1715MHz	1745MHz	1775MHz
n66	30	10	1286	DFT BPSK	22.71	22.66	22.51
			181	DFT BPSK	22.67	22.68	22.60
			1822	DFT BPSK	22.75	22.69	22.51
			1286	DFT QPSK	22.81	22.69	22.54
			181	DFT QPSK	22.67	22.56	22.50
			1822	DFT QPSK	22.85	22.65	22.39
			1286	DFT QAM16	21.72	21.67	21.50
			181	DFT QAM16	22.21	21.73	22.02
			1822	DFT QAM16	22.23	22.22	22.07
			1286	DFT QAM64	20.40	20.11	20.09
			181	DFT QAM64	20.27	20.17	20.12
			1822	DFT QAM64	20.37	20.34	19.91
			1286	DFT QAM256	18.09	18.06	18.10
			181	DFT QAM256	18.45	18.37	17.94
			1822	DFT QAM256	18.49	18.04	17.93
			1286	CP QPSK	21.16	21.08	20.93
			181	CP QPSK	20.99	21.22	21.08
			1822	CP QPSK	21.02	21.22	21.04
			1286	CP QAM16	20.68	20.56	20.51
			181	CP QAM16	21.02	21.25	20.60
			1822	CP QAM16	21.21	21.27	21.16
			1286	CP QAM64	19.30	19.14	19.07
			181	CP QAM64	20.13	20.27	20.11
			1822	CP QAM64	19.79	20.05	19.44
1286	CP QAM256	16.51	16.33	16.12			
181	CP QAM256	16.52	16.35	16.42			
1822	CP QAM256	16.60	16.62	16.49			
NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					345000	349000	354000
					1717.5MHz	1745MHz	1772.5MHz
n66	30	15	1849	DFT BPSK	22.42	22.55	22.55
			181	DFT BPSK	22.49	22.52	22.59
			1836	DFT BPSK	22.34	22.34	22.48
			1849	DFT QPSK	22.62	22.55	22.46
			181	DFT QPSK	22.37	22.53	22.44
			1836	DFT QPSK	22.53	22.56	22.28
			1849	DFT QAM16	21.05	21.05	21.61
			181	DFT QAM16	21.77	21.69	21.97
			1836	DFT QAM16	22.05	21.71	21.88
			1849	DFT QAM64	20.34	20.34	20.12
			181	DFT QAM64	20.11	20.00	20.46
			1836	DFT QAM64	20.14	20.43	20.33
			1849	DFT QAM256	18.19	18.12	18.10
			181	DFT QAM256	18.17	18.05	18.25
			1836	DFT QAM256	18.32	18.04	17.96
			1949	CP QPSK	21.13	21.26	21.03
			181	CP QPSK	21.24	21.10	21.07
			1836	CP QPSK	21.09	21.12	20.97
			1949	CP QAM16	20.69	20.66	20.68
			181	CP QAM16	20.64	21.02	20.74
			1836	CP QAM16	20.66	20.86	20.86
			1949	CP QAM64	19.23	19.43	19.37
			181	CP QAM64	19.57	19.66	19.62
			1836	CP QAM64	19.70	19.24	19.16
1949	CP QAM256	16.34	16.30	16.30			
181	CP QAM256	16.44	16.33	16.19			
1836	CP QAM256	16.35	16.27	16.17			
NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					346000	349000	354000
					1720MHz	1745MHz	1770MHz
n66	30	20	25812	DFT BPSK	22.61	22.70	22.57
			181	DFT BPSK	22.61	22.50	22.59
			1849	DFT BPSK	22.50	22.52	22.49
			25812	DFT QPSK	22.70	22.69	22.59
			181	DFT QPSK	22.60	22.50	22.46
			1849	DFT QPSK	22.41	22.43	22.35
			25812	DFT QAM16	21.84	21.60	21.60
			181	DFT QAM16	21.85	21.99	22.05
			1849	DFT QAM16	21.96	22.50	21.60
			25812	DFT QAM64	20.21	20.18	20.19
			181	DFT QAM64	20.42	20.07	20.21
			1849	DFT QAM64	20.41	19.98	19.80



ANT 1

NR n7 part ant 1 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)					
					501000	507000	513000			
					2505MHz	2535MHz	2565MHz			
n7	30	10	12@6	DFT_BPSK	22.51	22.62	22.15			
			1@1	DFT_BPSK	22.47	22.60	22.10			
			1@22	DFT_BPSK	22.55	22.66	22.20			
			12@6	DFT_QPSK	22.55	22.63	22.22			
			1@1	DFT_QPSK	22.38	22.53	21.94			
			1@22	DFT_QPSK	22.38	22.51	22.05			
			12@6	DFT_QAM16	21.56	21.53	21.17			
			1@1	DFT_QAM16	21.98	21.59	21.55			
			1@22	DFT_QAM16	21.98	22.04	21.07			
			12@6	DFT_QAM64	20.15	20.22	19.70			
			1@1	DFT_QAM64	19.99	19.99	19.58			
			1@22	DFT_QAM64	19.94	20.17	19.74			
			12@6	DFT_QAM256	18.21	18.15	17.61			
			1@1	DFT_QAM256	17.87	18.18	17.71			
			1@22	DFT_QAM256	18.18	-33.95	17.78			
			12@6	CP_QPSK	21.12	20.55	20.52			
			1@1	CP_QPSK	20.92	20.61	20.43			
			1@22	CP_QPSK	-34.20	20.44	20.71			
			12@6	CP_QAM16	20.43	20.09	-33.78			
			1@1	CP_QAM16	20.93	20.47	20.17			
			1@22	CP_QAM16	21.03	19.88	20.59			
			12@6	CP_QAM64	19.10	18.53	18.73			
			1@1	CP_QAM64	19.75	19.37	19.39			
			1@22	CP_QAM64	19.36	19.23	19.40			
			12@6	CP_QAM256	16.09	15.49	15.73			
			1@1	CP_QAM256	16.08	15.67	15.64			
			1@22	CP_QAM256	16.13	15.57	15.79			
			NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
			n7	30	15	18@9	DFT_BPSK	22.15	22.11	21.99
						1@1	DFT_BPSK	22.06	22.16	21.89
1@36	DFT_BPSK	22.00				22.02	22.06			
18@9	DFT_QPSK	22.13				22.06	22.00			
1@1	DFT_QPSK	21.87				22.00	21.73			
1@36	DFT_QPSK	21.91				21.96	22.01			
18@9	DFT_QAM16	21.16				21.18	21.13			
1@1	DFT_QAM16	21.23				-32.26	21.07			
1@36	DFT_QAM16	21.45				21.03	21.08			
18@9	DFT_QAM64	19.86				19.79	19.85			
1@1	DFT_QAM64	19.33				19.91	19.56			
1@36	DFT_QAM64	19.69				19.34	19.54			
18@9	DFT_QAM256	17.66				17.59	17.55			
1@1	DFT_QAM256	17.41				17.79	17.49			
1@36	DFT_QAM256	17.44				17.62	17.58			
19@9	CP_QPSK	20.71				20.55	20.48			
1@1	CP_QPSK	20.49				20.55	20.25			
1@36	CP_QPSK	20.45				20.48	-32.04			
19@9	CP_QAM16	-32.52				20.20	20.27			
1@1	CP_QAM16	19.84				20.39	19.83			
1@36	CP_QAM16	20.50				20.32	19.86			
19@9	CP_QAM64	18.85				18.84	18.81			
1@1	CP_QAM64	19.30				19.09	18.47			
1@36	CP_QAM64	19.28				-32.27	19.02			
19@9	CP_QAM256	15.56				15.41	15.57			
1@1	CP_QAM256	15.56				15.42	15.39			
1@36	CP_QAM256	15.56				15.30	15.58			
NR Band	SCS (KHz)	Bandwidth (MHz)				RB Allocation	Modulation	Average Power (dBm)		
n7	30	20				25@12	DFT_BPSK	22.06	21.92	22.09
						1@1	DFT_BPSK	21.86	21.97	21.76
			1@49	DFT_BPSK	21.85	21.84	22.06			
			25@12	DFT_QPSK	22.09	22.02	22.04			
			1@1	DFT_QPSK	-31.24	21.69	21.72			
			1@49	DFT_QPSK	21.86	21.71	21.92			
			25@12	DFT_QAM16	20.97	21.10	21.10			
			1@1	DFT_QAM16	20.94	21.32	21.13			
			1@49	DFT_QAM16	21.37	21.08	21.34			
			25@12	DFT_QAM64	19.54	19.55	19.65			
			1@1	DFT_QAM64	19.28	19.48	19.34			
			1@49	DFT_QAM64	19.74	19.20	19.56			
			25@12	DFT_QAM256	17.58	17.50	17.51			
			1@1	DFT_QAM256	17.27	17.31	17.21			
			1@49	DFT_QAM256	17.63	17.23	17.76			
			25@12	CP_QPSK	20.71	20.59	20.48			
			1@1	CP_QPSK	20.29	20.46	20.23			
			1@49	CP_QPSK	20.30	-30.96	-30.74			
			25@12	CP_QAM16	20.16	20.00	20.18			
			1@1	CP_QAM16	19.62	20.32	19.87			
			1@49	CP_QAM16	19.87	19.82	20.09			
			25@12	CP_QAM64	18.76	18.73	18.70			
			1@1	CP_QAM64	-31.16	18.68	18.74			
			1@49	CP_QAM64	18.94	18.78	19.55			
			25@12	CP_QAM256	15.50	15.51	15.54			
			1@1	CP_QAM256	15.36	15.37	15.22			
			1@49	CP_QAM256	15.45	15.38	15.60			



ANT 6

2.4GWi-Fi ant 6 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)
CH 01	2412	17.2	15.57	15.29
CH 06	2437	17.67	15.82	15.78
CH 11	2462	16.99	15.31	15.24

Bluetooth ant 6 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	$\pi/4$ -DQPSK	8DPSK
CH 00	2402	2.31	1.47	1.16
CH 39	2441	3.92	3.04	2.73
CH 78	2480	2.98	2.04	1.81

Average Power (dBm)				
Channel	Frequency (MHz)	BLE PHY1M	BLE CodedPHY S=2	BLE CodedPHY S=8
CH 00	2402	1.00	0.81	0.72
CH 20	2442	2.57	2.40	2.37
CH 39	2480	1.54	1.35	1.37

Average Power (dBm)		
Channel	Frequency (MHz)	BLE PHY2M
CH 00	2402	0.98
CH 20	2442	2.36
CH 39	2480	1.54

5.2GWi-Fi ant 6 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 36	5180	13.09	11.6	11.57
CH 40	5200	13.74	11.92	11.85
CH 48	5240	13.82	11.93	11.93

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 38	5190	6.88	6.94
CH 46	5230	7.26	7.28

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 58	5290	5.36

5.3GWi-Fi ant 6 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 52	5260	12.97	12.34	12.38
CH 56	5280	13.79	13.37	13.3
CH 64	5320	13.53	12.84	12.87

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 54	5270	6.74	6.88
CH 62	5310	7.18	7.32

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 58	5290	5.9

5.6GWi-Fi ant 6 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 100	5500	12.53	12.42	12.35
CH 120	5600	11.9	12.21	12.24
CH 140	5700	11.45	11.78	11.75

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 102	5510	8.66	8.66
CH 118	5590	8.45	8.47
CH 134	5670	7.86	7.5

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 106	5530	7.27
CH 122	5610	7.03

5.8GWi-Fi ant 6 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20
CH 149	5745	17.66	15.54	16.02
CH 157	5785	17.36	15.77	16.23
CH 165	5825	17.31	15.81	16.24

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac40	802.11 n40
CH 151	5755	15.04	16.11
CH 159	5795	15.67	16.49

Average Power (dBm)		
Channel	Frequency (MHz)	802.11 ac80
CH 155	5775	15.45