

Ant 5\_Receiver on

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37775/2572.5	38000/2595	38225/2617.5				37800/2575	38000/2595	38200/2615
QPSK	1/0	21.00	20.91	20.89	20.88	QPSK	1/0	21.00	20.80	20.94	20.82
	1/12	21.00	20.92	20.87	20.75		1/24	21.00	20.81	20.95	20.86
	1/24	21.00	20.89	20.84	20.82		1/49	21.00	20.84	20.93	20.81
	12/0	21.00	20.92	20.96	20.87		25/0	21.00	20.87	20.88	20.90
	12/6	21.00	20.89	20.89	20.83		25/12	21.00	20.87	20.90	20.84
	12/13	21.00	20.90	20.88	20.82		25/25	21.00	20.90	20.88	20.87
	25/0	21.00	20.90	20.91	20.85		50/0	21.00	20.90	20.92	20.84
16QAM	1/0	21.00	20.79	20.77	20.89	16QAM	1/0	21.00	20.81	20.92	20.89
	1/12	21.00	20.82	20.75	20.84		1/24	21.00	20.81	20.93	20.96
	1/24	21.00	20.76	20.74	20.78		1/49	21.00	20.81	20.91	20.90
	12/0	21.00	20.98	20.93	20.89		25/0	21.00	20.91	20.96	20.92
	12/6	21.00	20.94	20.88	20.85		25/12	21.00	20.92	20.93	20.90
	12/13	21.00	20.94	20.87	20.83		25/25	21.00	20.93	20.89	20.94
	25/0	21.00	20.92	20.96	20.91		50/0	21.00	20.92	20.92	20.92
64QAM	1/0	21.00	20.83	20.97	20.76	64QAM	1/0	21.00	20.70	20.58	20.74
	1/12	21.00	20.86	20.94	20.70		1/24	21.00	20.69	20.61	20.78
	1/24	21.00	20.82	20.95	20.73		1/49	21.00	20.72	20.55	20.75
	12/0	20.00	19.84	19.92	19.99		25/0	20.00	19.91	19.91	19.80
	12/6	20.00	19.85	19.90	19.96		25/12	20.00	19.90	19.90	19.77
	12/13	20.00	19.83	19.89	19.94		25/25	20.00	19.95	19.86	19.78
	25/0	20.00	19.82	19.96	19.86		50/0	20.00	19.88	19.85	19.81
LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37825/2577.5	38000/2595	38175/2612.5				37850/2580	38000/2595	38150/2610
QPSK	1/0	21.00	20.75	20.90	20.77	QPSK	1/0	21.00	20.79	20.83	20.81
	1/37	21.00	20.82	20.94	20.81		1/50	21.00	<b>20.92</b>	<b>20.98</b>	<b>20.89</b>
	1/74	21.00	20.75	20.80	20.79		1/99	21.00	20.81	20.82	20.78
	36/0	21.00	20.86	20.89	20.81		50/0	21.00	20.87	20.92	20.85
	36/19	21.00	20.87	20.85	20.85		50/25	21.00	<b>20.91</b>	<b>20.92</b>	<b>20.86</b>
	36/39	21.00	20.88	20.86	20.83		50/50	21.00	20.87	20.83	20.79
	75/0	21.00	20.90	20.87	20.83		100/0	21.00	20.87	20.88	<b>20.89</b>
16QAM	1/0	21.00	20.77	20.91	20.74	16QAM	1/0	21.00	20.75	20.82	20.87
	1/37	21.00	20.81	20.92	20.84		1/50	21.00	20.90	20.93	20.89
	1/74	21.00	20.74	20.83	20.77		1/99	21.00	20.78	20.80	20.78
	36/0	21.00	20.87	20.89	20.88		50/0	21.00	20.84	20.91	20.79
	36/19	21.00	20.90	20.85	20.88		50/25	21.00	20.89	20.90	20.89
	36/39	21.00	20.88	20.85	20.88		50/50	21.00	20.86	20.86	20.87
	75/0	21.00	20.89	20.87	20.86		100/0	21.00	20.87	20.87	20.86
64QAM	1/0	21.00	20.65	20.56	20.93	64QAM	1/0	21.00	20.65	20.65	20.76
	1/37	21.00	20.71	20.61	20.96		1/50	21.00	20.75	20.79	20.83
	1/74	21.00	20.64	20.50	20.89		1/99	21.00	20.65	20.66	20.75
	36/0	20.00	19.92	19.96	19.78		50/0	20.00	19.87	19.95	19.89
	36/19	20.00	19.92	19.92	19.79		50/25	20.00	19.92	19.93	19.90
	36/39	20.00	19.91	19.92	19.78		50/50	20.00	19.90	19.86	19.85
	75/0	20.00	19.85	19.87	19.84		100/0	20.00	19.85	19.88	19.87

Ant 5\_Simultaneous with BT/WiFi/5G NR\_Receiver on

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37775/2572.5	38000/2595	38225/2617.5				37800/2575	38000/2595	38200/2615
QPSK	1/0	19.50	19.30	19.28	19.26	QPSK	1/0	19.50	19.18	19.33	19.21
	1/12	19.50	19.30	19.26	19.13		1/24	19.50	19.20	19.34	19.24
	1/24	19.50	19.28	19.22	19.21		1/49	19.50	19.22	19.32	19.20
	12/0	19.50	19.30	19.34	19.25		25/0	19.50	19.25	19.26	19.28
	12/6	19.50	19.27	19.28	19.21		25/12	19.50	19.26	19.28	19.23
	12/13	19.50	19.29	19.26	19.21		25/25	19.50	19.28	19.27	19.25
	25/0	19.50	19.28	19.30	19.23		50/0	19.50	19.29	19.31	19.23
16QAM	1/0	19.50	19.18	19.16	19.27	16QAM	1/0	19.50	19.19	19.30	19.27
	1/12	19.50	19.20	19.13	19.23		1/24	19.50	19.20	19.31	19.34
	1/24	19.50	19.15	19.12	19.16		1/49	19.50	19.20	19.30	19.28
	12/0	19.50	19.37	19.31	19.27		25/0	19.50	19.29	19.34	19.31
	12/6	19.50	19.32	19.27	19.24		25/12	19.50	19.31	19.32	19.29
	12/13	19.50	19.33	19.25	19.21		25/25	19.50	19.31	19.27	19.33
	25/0	19.50	19.30	19.34	19.29		50/0	19.50	19.30	19.30	19.31
64QAM	1/0	19.50	19.21	19.35	19.14	64QAM	1/0	19.50	19.09	18.97	19.12
	1/12	19.50	19.24	19.33	19.09		1/24	19.50	19.08	18.99	19.17
	1/24	19.50	19.21	19.34	19.11		1/49	19.50	19.10	18.93	19.13
	12/0	19.50	18.22	18.30	18.37		25/0	19.50	18.29	18.30	18.19
	12/6	19.50	18.23	18.29	18.35		25/12	19.50	18.29	18.28	18.15
	12/13	19.50	18.22	18.27	18.32		25/25	19.50	18.34	18.25	18.17
	25/0	19.50	18.20	18.34	18.25		50/0	19.50	18.26	18.23	18.20
LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37825/2577.5	38000/2595	38175/2612.5				37850/2580	38000/2595	38150/2610
QPSK	1/0	19.50	19.13	19.29	19.16	QPSK	1/0	19.50	19.17	19.21	19.20
	1/37	19.50	19.21	19.32	19.20		1/50	19.50	19.31	19.36	<b>19.37</b>
	1/74	19.50	19.13	19.19	19.17		1/99	19.50	19.19	19.21	19.16
	36/0	19.50	19.25	19.27	19.20		50/0	19.50	19.25	19.30	19.24
	36/19	19.50	19.25	19.24	19.23		50/25	19.50	19.29	<b>19.32</b>	19.24
	36/39	19.50	19.27	19.24	19.22		50/50	19.50	19.26	19.21	19.17
	75/0	19.50	19.28	19.26	19.21		100/0	19.50	19.25	19.27	19.27
16QAM	1/0	19.50	19.15	19.29	19.12	16QAM	1/0	19.50	19.13	19.20	19.25
	1/37	19.50	19.20	19.30	19.23		1/50	19.50	19.28	19.31	19.27
	1/74	19.50	19.12	19.21	19.15		1/99	19.50	19.17	19.18	19.17
	36/0	19.50	19.25	19.28	19.27		50/0	19.50	19.22	19.30	19.18
	36/19	19.50	19.28	19.23	19.26		50/25	19.50	19.28	19.28	19.27
	36/39	19.50	19.27	19.24	19.26		50/50	19.50	19.24	19.25	19.26
	75/0	19.50	19.27	19.25	19.25		100/0	19.50	19.26	19.25	19.24
64QAM	1/0	19.50	19.03	18.94	19.31	64QAM	1/0	19.50	19.03	19.04	19.14
	1/37	19.50	19.09	19.00	19.34		1/50	19.50	19.13	19.17	19.21
	1/74	19.50	19.03	18.88	19.28		1/99	19.50	19.04	19.04	19.14
	36/0	19.50	18.30	18.35	18.16		50/0	19.50	18.25	18.34	18.27
	36/19	19.50	18.31	18.31	18.17		50/25	19.50	18.31	18.31	18.28
	36/39	19.50	18.29	18.30	18.17		50/50	19.50	18.28	18.24	18.23
	75/0	19.50	18.24	18.25	18.22		100/0	19.50	18.24	18.27	18.25

Ant 5\_Receiver off

LTE B38/BW=5M		Average Conducted Power(dBm)				LTE B38/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37775/2572.5	38000/2595	38225/2617.5				37800/2575	38000/2595	38200/2615
QPSK	1/0	23.00	22.78	22.82	22.90	QPSK	1/0	23.00	22.85	22.84	22.83
	1/12	23.00	22.78	22.78	22.85		1/24	23.00	22.87	22.85	22.89
	1/24	23.00	22.77	22.77	22.88		1/49	23.00	22.90	22.82	22.84
	12/0	22.00	21.93	21.94	21.89		25/0	22.00	21.89	21.92	21.86
	12/6	22.00	21.90	21.93	21.85		25/12	22.00	21.89	21.90	21.86
	12/13	22.00	21.90	21.90	21.86		25/25	22.00	21.93	21.90	21.89
	25/0	22.00	21.91	21.92	21.90		50/0	22.00	21.92	21.94	21.87
16QAM	1/0	22.00	21.63	21.70	21.72	16QAM	1/0	22.00	21.69	21.78	21.76
	1/12	22.00	21.66	21.67	21.69		1/24	22.00	21.68	21.80	21.81
	1/24	22.00	21.63	21.68	21.72		1/49	22.00	21.70	21.75	21.75
	12/0	21.00	20.93	20.89	21.00		25/0	21.00	20.92	20.90	20.89
	12/6	21.00	20.91	20.86	20.93		25/12	21.00	20.89	20.91	20.90
	12/13	21.00	20.89	20.85	20.93		25/25	21.00	20.93	20.88	20.93
	25/0	21.00	20.91	20.92	20.89		50/0	21.00	20.89	20.89	20.90
64QAM	1/0	21.00	20.97	20.65	20.90	64QAM	1/0	21.00	20.67	20.51	20.56
	1/12	21.00	20.95	20.62	20.88		1/24	21.00	20.68	20.53	20.61
	1/24	21.00	20.92	20.63	20.90		1/49	21.00	20.70	20.48	20.58
	12/0	20.00	19.95	19.83	19.84		25/0	20.00	19.88	19.88	19.78
	12/6	20.00	19.94	19.80	19.79		25/12	20.00	19.88	19.87	19.75
	12/13	20.00	19.93	19.81	19.79		25/25	20.00	19.91	19.83	19.79
	25/0	20.00	19.83	19.82	19.90		50/0	20.00	19.85	19.82	19.81

LTE B38/BW=15M		Average Conducted Power(dBm)				LTE B38/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			37825/2577.5	38000/2595	38175/2612.5				37850/2580	38000/2595	38150/2610
QPSK	1/0	23.00	22.80	22.78	22.84	QPSK	1/0	23.00	22.81	22.93	22.84
	1/37	23.00	22.86	22.81	22.89		1/50	23.00	22.94	<b>22.96</b>	22.91
	1/74	23.00	22.78	22.70	22.82		1/99	23.00	22.86	22.91	22.79
	36/0	22.00	21.87	21.75	21.80		50/0	22.00	21.90	<b>21.94</b>	21.86
	36/19	22.00	21.89	21.85	21.82		50/25	22.00	21.93	21.93	21.90
	36/39	22.00	21.89	21.86	21.79		50/50	22.00	21.91	21.88	21.83
	75/0	22.00	21.89	21.89	21.81		100/0	22.00	21.91	21.89	21.84
16QAM	1/0	22.00	21.65	21.73	21.59	16QAM	1/0	22.00	21.64	21.89	21.91
	1/37	22.00	21.69	21.80	21.63		1/50	22.00	21.76	21.78	22.00
	1/74	22.00	21.60	21.68	21.57		1/99	22.00	21.65	21.88	21.88
	36/0	21.00	20.86	20.90	20.85		50/0	21.00	20.86	20.89	20.85
	36/19	21.00	20.88	20.84	20.86		50/25	21.00	20.87	20.88	20.88
	36/39	21.00	20.87	20.84	20.84		50/50	21.00	20.88	20.82	20.81
	75/0	21.00	20.88	20.87	20.83		100/0	21.00	20.88	20.85	20.84
64QAM	1/0	21.00	20.65	20.48	20.88	64QAM	1/0	21.00	20.86	20.88	20.57
	1/37	21.00	20.68	20.52	20.94		1/50	21.00	20.95	20.99	20.67
	1/74	21.00	20.61	20.41	20.86		1/99	21.00	20.86	20.86	20.58
	36/0	20.00	19.90	19.94	19.75		50/0	20.00	19.88	19.89	19.84
	36/19	20.00	19.90	19.88	19.78		50/25	20.00	19.91	19.88	19.86
	36/39	20.00	19.89	19.90	19.74		50/50	20.00	19.91	19.86	19.94
	75/0	20.00	19.82	19.85	19.81		100/0	20.00	19.87	19.92	19.93

## Duty cycle for Ant 5\_Receiver on\_Configuration 1

LTE B38/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			38150/2610		38150/2610
QPSK	1/0	21.00	20.81	17.36	17.17
	1/50	21.00	20.89	17.36	17.25
	1/99	21.00	20.78	17.36	17.14
	50/0	21.00	20.85	17.36	17.21
	50/25	21.00	20.86	17.36	17.22
	50/50	21.00	20.79	17.36	17.15
	100/0	21.00	20.89	17.36	17.25
16QAM	1/0	21.00	20.87	17.36	17.23
	1/50	21.00	20.89	17.36	17.25
	1/99	21.00	20.78	17.36	17.14
	50/0	21.00	20.79	17.36	17.15
	50/25	21.00	20.89	17.36	17.25
	50/50	21.00	20.87	17.36	17.23
	100/0	21.00	20.86	17.36	17.22
64QAM	1/0	21.00	20.76	17.36	17.12
	1/50	21.00	20.83	17.36	17.19
	1/99	21.00	20.75	17.36	17.11
	50/0	20.00	19.89	16.36	16.25
	50/25	20.00	19.90	16.36	16.26
	50/50	20.00	19.85	16.36	16.21
	100/0	20.00	19.87	16.36	16.23

## Duty cycle for Ant 5\_Receiver on\_Configuration 2

LTE B38/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			38150/2610		38150/2610
QPSK	1/0	21.00	20.71	14.67	14.38
	1/50	21.00	20.76	14.67	14.43
	1/99	21.00	20.65	14.67	14.32
	50/0	21.00	20.72	14.67	14.39
	50/25	21.00	20.76	14.67	14.43
	50/50	21.00	20.70	14.67	14.37
	100/0	21.00	20.80	14.67	14.47
16QAM	1/0	21.00	20.76	14.67	14.43
	1/50	21.00	20.76	14.67	14.43
	1/99	21.00	20.66	14.67	14.33
	50/0	21.00	20.70	14.67	14.37
	50/25	21.00	20.78	14.67	14.45
	50/50	21.00	20.74	14.67	14.41
	100/0	21.00	20.77	14.67	14.44
64QAM	1/0	21.00	20.64	14.67	14.31
	1/50	21.00	20.73	14.67	14.40
	1/99	21.00	20.62	14.67	14.29
	50/0	20.00	19.78	13.67	13.45
	50/25	20.00	19.81	13.67	13.48
	50/50	20.00	19.76	13.67	13.43
	100/0	20.00	19.77	13.67	13.44

## Duty cycle for Ant 5\_Receiver on\_Configuration 3

LTE B38/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			38150/2610		38150/2610
QPSK	1/0	21.00	20.67	16.01	15.68
	1/50	21.00	20.78	16.01	15.79
	1/99	21.00	20.66	16.01	15.67
	50/0	21.00	20.71	16.01	15.72
	50/25	21.00	20.76	16.01	15.77
	50/50	21.00	20.67	16.01	15.68
	100/0	21.00	20.73	16.01	15.74
16QAM	1/0	21.00	20.76	16.01	15.77
	1/50	21.00	20.74	16.01	15.75
	1/99	21.00	20.63	16.01	15.64
	50/0	21.00	20.69	16.01	15.70
	50/25	21.00	20.79	16.01	15.80
	50/50	21.00	20.78	16.01	15.79
	100/0	21.00	20.72	16.01	15.73
64QAM	1/0	21.00	20.61	16.01	15.62
	1/50	21.00	20.66	16.01	15.67
	1/99	21.00	20.59	16.01	15.60
	50/0	20.00	19.74	15.01	14.75
	50/25	20.00	19.79	15.01	14.80
	50/50	20.00	19.72	15.01	14.73
	100/0	20.00	19.72	15.01	14.73

## Duty cycle for Ant 5\_Receiver on\_Configuration 4

LTE B38/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			38150/2610		38150/2610
QPSK	1/0	21.00	20.64	14.67	14.31
	1/50	21.00	20.80	14.67	14.47
	1/99	21.00	20.58	14.67	14.25
	50/0	21.00	20.71	14.67	14.38
	50/25	21.00	20.72	14.67	14.39
	50/50	21.00	20.62	14.67	14.29
	100/0	21.00	20.79	14.67	14.46
16QAM	1/0	21.00	20.76	14.67	14.43
	1/50	21.00	20.71	14.67	14.38
	1/99	21.00	20.69	14.67	14.36
	50/0	21.00	20.60	14.67	14.27
	50/25	21.00	20.75	14.67	14.42
	50/50	21.00	20.78	14.67	14.45
	100/0	21.00	20.74	14.67	14.41
64QAM	1/0	21.00	20.62	14.67	14.29
	1/50	21.00	20.69	14.67	14.36
	1/99	21.00	20.60	14.67	14.27
	50/0	20.00	19.80	13.67	13.47
	50/25	20.00	19.71	13.67	13.38
	50/50	20.00	19.72	13.67	13.39
	100/0	20.00	19.67	13.67	13.34



## Duty cycle for Ant 5\_Receiver on\_Configuration 5

LTE B38/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			38150/2610		38150/2610
QPSK	1/0	21.00	20.66	11.68	11.34
	1/50	21.00	20.76	11.68	11.44
	1/99	21.00	20.65	11.68	11.33
	50/0	21.00	20.65	11.68	11.33
	50/25	21.00	20.77	11.68	11.45
	50/50	21.00	20.68	11.68	11.36
	100/0	21.00	20.74	11.68	11.42
16QAM	1/0	21.00	20.78	11.68	11.46
	1/50	21.00	20.75	11.68	11.43
	1/99	21.00	20.65	11.68	11.33
	50/0	21.00	20.70	11.68	11.38
	50/25	21.00	20.73	11.68	11.41
	50/50	21.00	20.76	11.68	11.44
	100/0	21.00	20.72	11.68	11.40
64QAM	1/0	21.00	20.62	11.68	11.30
	1/50	21.00	20.71	11.68	11.39
	1/99	21.00	20.65	11.68	11.33
	50/0	20.00	19.74	10.68	10.42
	50/25	20.00	19.81	10.68	10.49
	50/50	20.00	19.70	10.68	10.38
	100/0	20.00	19.72	10.68	10.40

## Duty cycle for Ant 5\_Receiver on\_Configuration 6

LTE B38/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			<b>38150/2610</b>		<b>38150/2610</b>
QPSK	1/0	21.00	20.64	18.27	17.91
	1/50	21.00	20.75	18.27	18.02
	1/99	21.00	20.66	18.27	17.93
	50/0	21.00	20.72	18.27	17.99
	50/25	21.00	20.68	18.27	17.95
	50/50	21.00	20.68	18.27	17.95
	100/0	21.00	20.71	18.27	17.98
16QAM	1/0	21.00	20.75	18.27	18.02
	1/50	21.00	20.71	18.27	17.98
	1/99	21.00	20.61	18.27	17.88
	50/0	21.00	20.63	18.27	17.90
	50/25	21.00	20.68	18.27	17.95
	50/50	21.00	20.72	18.27	17.99
	100/0	21.00	20.69	18.27	17.96
64QAM	1/0	21.00	20.63	18.27	17.90
	1/50	21.00	20.73	18.27	18.00
	1/99	21.00	20.57	18.27	17.84
	50/0	20.00	19.71	17.27	16.98
	50/25	20.00	19.78	17.27	17.05
	50/50	20.00	19.75	17.27	17.02
	100/0	20.00	19.73	17.27	17.00

Note:

1) The tested channel results are marks in bold.

## 15. Conducted power measurement results of LTE B41

Ant 3\_Receiver on

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39675/2498.5	40620/2593	41565/2687.5				39700/2501	40620/2593	41540/2685
QPSK	1/0	24.50	23.96	24.01	23.96	QPSK	1/0	24.50	24.04	24.05	24.04
	1/12	24.50	24.04	24.11	24.04		1/24	24.50	23.98	24.10	24.05
	1/24	24.50	23.94	24.00	23.93		1/49	24.50	24.02	24.10	24.03
	12/0	23.50	22.99	23.04	23.06		25/0	23.50	22.92	23.02	23.06
	12/6	23.50	22.97	23.04	23.02		25/12	23.50	22.97	23.05	23.04
	12/13	23.50	22.97	23.01	23.01		25/25	23.50	23.03	23.04	23.03
	25/0	23.50	23.00	23.07	23.03		50/0	23.50	23.02	23.03	23.08
16QAM	1/0	23.50	23.48	23.29	23.27	16QAM	1/0	23.50	23.31	23.28	23.31
	1/12	23.50	23.43	23.27	23.28		1/24	23.50	23.21	23.32	23.28
	1/24	23.50	23.41	23.29	23.30		1/49	23.50	23.26	23.33	23.31
	12/0	22.50	22.02	22.07	22.10		25/0	22.50	21.91	22.07	22.05
	12/6	22.50	22.01	22.06	22.05		25/12	22.50	21.99	22.07	22.04
	12/13	22.50	22.03	22.05	22.04		25/25	22.50	21.90	22.06	22.03
	25/0	22.50	22.06	22.06	22.11		50/0	22.50	22.02	22.02	22.05
64QAM	1/0	22.50	22.18	22.48	22.11	64QAM	1/0	22.50	22.25	22.04	22.24
	1/12	22.50	22.14	22.39	22.11		1/24	22.50	22.28	22.05	22.21
	1/24	22.50	22.21	22.44	22.11		1/49	22.50	22.34	22.07	22.27
	12/0	21.50	20.98	20.93	21.06		25/0	21.50	20.88	21.03	21.05
	12/6	21.50	20.98	20.89	21.02		25/12	21.50	20.94	21.04	21.05
	12/13	21.50	20.98	20.89	21.01		25/25	21.50	20.99	21.04	21.04
	25/0	21.50	21.00	21.00	21.06		50/0	21.50	20.97	20.95	21.04



LTE B41/BW=15M		Average Conducted Power(dBm)				LTE B41/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39725/2503.5	40620/2593	41515/2682.5				39750/2506	40620/2593	41490/2680
QPSK	1/0	24.50	23.92	23.96	23.97	QPSK	1/0	24.50	24.11	<b>24.12</b>	24.00
	1/37	24.50	24.00	24.05	24.04		1/50	24.50	24.05	24.08	24.00
	1/74	24.50	23.92	23.95	23.96		1/99	24.50	24.11	24.10	24.00
	36/0	23.50	22.88	22.98	22.98		50/0	23.50	22.92	<b>23.08</b>	23.04
	36/19	23.50	22.92	23.00	22.96		50/25	23.50	23.01	23.05	23.03
	36/39	23.50	22.98	22.98	22.97		50/50	23.50	23.05	23.07	22.99
	75/0	23.50	22.97	23.03	22.98		100/0	23.50	22.98	23.04	23.02
16QAM	1/0	23.50	23.24	23.22	23.19	16QAM	1/0	23.50	23.41	23.08	23.22
	1/37	23.50	23.31	23.28	23.20		1/50	23.50	23.47	23.16	23.30
	1/74	23.50	23.21	23.16	23.13		1/99	23.50	23.34	23.05	23.22
	36/0	22.50	21.94	22.04	22.01		50/0	22.50	21.94	22.04	22.02
	36/19	22.50	21.98	22.04	21.99		50/25	22.50	22.04	22.04	22.01
	36/39	22.50	22.01	22.04	21.99		50/50	22.50	22.06	22.03	21.98
	75/0	22.50	21.98	22.01	21.94		100/0	22.50	21.98	21.99	22.03
64QAM	1/0	22.50	22.13	22.19	22.22	64QAM	1/0	22.50	22.00	21.83	21.85
	1/37	22.50	22.22	22.32	22.34		1/50	22.50	22.06	21.90	21.88
	1/74	22.50	22.18	22.28	22.33		1/99	22.50	21.98	21.82	21.83
	36/0	21.50	20.92	21.02	21.01		50/0	21.50	20.87	20.97	21.00
	36/19	21.50	20.95	21.02	20.98		50/25	21.50	20.97	20.94	20.99
	36/39	21.50	20.98	21.00	20.96		50/50	21.50	21.02	20.98	20.95
	75/0	21.50	20.95	20.98	20.95		100/0	21.50	20.94	20.96	21.00

Ant 3\_Receiver off

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39675/2498.5	40620/2593	41565/2687.5				39700/2501	40620/2593	41540/2685
QPSK	1/0	22.50	22.00	21.99	22.03	QPSK	1/0	22.50	22.07	22.07	22.10
	1/12	22.50	22.04	22.06	22.08		1/24	22.50	22.05	22.08	22.06
	1/24	22.50	21.97	21.97	22.02		1/49	22.50	22.09	22.11	22.12
	12/0	22.50	22.03	22.08	22.12		25/0	22.50	22.00	22.08	22.08
	12/6	22.50	22.01	22.06	22.06		25/12	22.50	22.05	22.08	22.09
	12/13	22.50	22.03	22.05	22.04		25/25	22.50	22.11	22.08	22.07
	25/0	22.50	22.05	22.08	22.06		50/0	22.50	22.07	22.09	22.13
16QAM	1/0	22.50	21.91	22.01	22.07	16QAM	1/0	22.50	22.00	21.91	21.91
	1/12	22.50	21.97	21.95	21.99		1/24	22.50	21.96	21.91	21.88
	1/24	22.50	21.93	21.99	22.06		1/49	22.50	22.03	21.93	21.91
	12/0	22.50	21.98	21.96	21.95		25/0	22.50	21.94	21.92	21.94
	12/6	22.50	21.99	21.94	21.90		25/12	22.50	21.98	21.93	21.94
	12/13	22.50	21.98	22.00	21.99		25/25	22.50	21.94	21.92	21.92
	25/0	22.50	21.99	22.07	22.06		50/0	22.50	21.98	22.00	22.05
64QAM	1/0	22.50	21.81	21.90	21.90	64QAM	1/0	22.50	21.93	21.89	21.72
	1/12	22.50	21.76	21.84	21.89		1/24	22.50	21.86	21.88	21.67
	1/24	22.50	21.80	21.87	21.89		1/49	22.50	21.98	21.90	21.70
	12/0	21.50	20.83	20.99	21.03		25/0	21.50	20.91	20.94	21.04
	12/6	21.50	20.83	20.98	20.97		25/12	21.50	20.97	20.97	21.02
	12/13	21.50	20.84	20.93	20.96		25/25	21.50	21.02	20.97	21.02
	25/0	21.50	20.93	21.00	21.02		50/0	21.50	20.93	20.94	20.97
LTE B41/BW=15M		Average Conducted Power(dBm)				LTE B41/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39725/2503.5	40620/2593	41515/2682.5				39750/2506	40620/2593	41490/2680
QPSK	1/0	22.50	21.99	22.00	22.00	QPSK	1/0	22.50	<b>22.18</b>	22.17	22.05
	1/37	22.50	22.04	22.06	22.06		1/50	22.50	22.10	22.09	22.00
	1/74	22.50	21.95	21.98	22.00		1/99	22.50	22.15	22.14	22.09
	36/0	22.50	21.94	21.99	22.02		50/0	22.50	21.96	22.11	<b>22.13</b>
	36/19	22.50	21.99	22.00	21.99		50/25	22.50	22.05	22.09	22.08
	36/39	22.50	22.02	21.97	21.99		50/50	22.50	22.07	22.11	22.07
	75/0	22.50	22.01	22.02	22.02		100/0	22.50	22.02	22.08	22.07
16QAM	1/0	22.50	22.02	21.97	21.85	16QAM	1/0	22.50	21.96	21.99	21.94
	1/37	22.50	22.06	22.03	21.92		1/50	22.50	21.99	22.06	21.97
	1/74	22.50	21.96	21.94	21.91		1/99	22.50	21.88	21.93	21.92
	36/0	22.50	21.92	22.00	22.02		50/0	22.50	21.93	21.93	22.00
	36/19	22.50	21.95	22.03	21.99		50/25	22.50	22.03	21.93	21.97
	36/39	22.50	22.00	22.00	22.00		50/50	22.50	22.06	21.92	21.97
	75/0	22.50	21.92	21.97	21.96		100/0	22.50	21.95	21.97	22.03
64QAM	1/0	22.50	21.86	21.75	21.73	64QAM	1/0	22.50	21.58	21.53	21.54
	1/37	22.50	21.89	21.84	21.75		1/50	22.50	21.61	21.58	21.59
	1/74	22.50	21.78	21.72	21.77		1/99	22.50	21.54	21.48	21.53
	36/0	21.50	20.89	20.95	20.98		50/0	21.50	20.86	20.92	21.01
	36/19	21.50	20.91	21.00	20.95		50/25	21.50	20.95	20.94	20.98
	36/39	21.50	20.95	20.97	20.94		50/50	21.50	21.00	20.95	20.94
	75/0	21.50	20.92	20.97	20.91		100/0	21.50	20.89	20.93	20.95

## Ant 3\_Hotspot

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39675/2498.5	40620/2593	41565/2687.5				39700/2501	40620/2593	41540/2685
QPSK	1/0	21.00	20.66	20.69	20.65	QPSK	1/0	21.00	20.63	20.63	20.60
	1/12	21.00	20.56	20.58	20.61		1/24	21.00	20.67	20.69	20.63
	1/24	21.00	20.63	20.69	20.70		1/49	21.00	20.63	20.66	20.60
	12/0	21.00	20.63	20.67	20.63		25/0	21.00	20.58	20.63	20.67
	12/6	21.00	20.61	20.62	20.66		25/12	21.00	20.65	20.65	20.69
	12/13	21.00	20.64	20.64	20.64		25/25	21.00	20.69	20.63	20.67
	25/0	21.00	20.63	20.66	20.70		50/0	21.00	20.65	20.64	20.71
16QAM	1/0	21.00	20.54	20.61	20.53	16QAM	1/0	21.00	20.56	20.55	20.69
	1/12	21.00	20.46	20.51	20.51		1/24	21.00	20.52	20.55	20.63
	1/24	21.00	20.57	20.56	20.56		1/49	21.00	20.58	20.59	20.69
	12/0	21.00	20.48	20.54	20.57		25/0	21.00	20.42	20.46	20.51
	12/6	21.00	20.45	20.51	20.52		25/12	21.00	20.47	20.47	20.49
	12/13	21.00	20.48	20.47	20.49		25/25	21.00	20.52	20.47	20.49
	25/0	21.00	20.48	20.54	20.52		50/0	21.00	20.49	20.45	20.51
64QAM	1/0	21.00	20.66	20.72	20.61	64QAM	1/0	21.00	20.54	20.53	20.47
	1/12	21.00	20.53	20.64	20.54		1/24	21.00	20.50	20.58	20.45
	1/24	21.00	20.63	20.70	20.60		1/49	21.00	20.56	20.57	20.54
	12/0	21.00	20.47	20.42	20.55		25/0	21.00	20.44	20.48	20.57
	12/6	21.00	20.43	20.38	20.50		25/12	21.00	20.48	20.50	20.56
	12/13	21.00	20.48	20.38	20.49		25/25	21.00	20.57	20.50	20.53
	25/0	21.00	20.49	20.47	20.53		50/0	21.00	20.47	20.46	20.49
LTE B41/BW=15M		Average Conducted Power(dBm)				LTE B41/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39725/2503.5	40620/2593	41515/2682.5				39750/2506	40620/2593	41490/2680
QPSK	1/0	21.00	20.59	20.58	20.60	QPSK	1/0	21.00	20.63	20.64	20.64
	1/37	21.00	20.68	20.64	20.66		1/50	21.00	20.61	20.61	20.59
	1/74	21.00	20.60	20.58	20.62		1/99	21.00	<b>20.78</b>	20.68	20.64
	36/0	21.00	20.56	20.59	20.63		50/0	21.00	20.54	20.64	<b>20.73</b>
	36/19	21.00	20.58	20.59	20.60		50/25	21.00	20.66	20.63	20.68
	36/39	21.00	20.63	20.58	20.60		50/50	21.00	20.67	20.63	20.65
	75/0	21.00	20.63	20.61	20.62		100/0	21.00	20.62	20.64	20.65
16QAM	1/0	21.00	20.57	20.64	20.66	16QAM	1/0	21.00	20.51	20.52	20.69
	1/37	21.00	20.62	20.69	20.69		1/50	21.00	20.58	20.58	20.73
	1/74	21.00	20.67	20.62	20.60		1/99	21.00	20.65	20.51	20.69
	36/0	21.00	20.40	20.46	20.48		50/0	21.00	20.39	20.45	20.50
	36/19	21.00	20.46	20.48	20.47		50/25	21.00	20.49	20.46	20.48
	36/39	21.00	20.48	20.46	20.47		50/50	21.00	20.53	20.46	20.44
	75/0	21.00	20.43	20.42	20.42		100/0	21.00	20.44	20.42	20.48
64QAM	1/0	21.00	20.51	20.59	20.46	64QAM	1/0	21.00	20.50	20.28	20.33
	1/37	21.00	20.59	20.60	20.54		1/50	21.00	20.58	20.30	20.33
	1/74	21.00	20.67	20.64	20.46		1/99	21.00	20.45	20.23	20.32
	36/0	21.00	20.45	20.40	20.53		50/0	21.00	20.40	20.44	20.52
	36/19	21.00	20.50	20.43	20.50		50/25	21.00	20.49	20.43	20.51
	36/39	21.00	20.47	20.39	20.50		50/50	21.00	20.54	20.43	20.46
	75/0	21.00	20.46	20.39	20.49		100/0	21.00	20.43	20.44	20.47

## Duty cycle for Ant 3\_Receiver on\_Configuration 1

LTE B41/BW=20M		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			39750/2506	40620/2593	41490/2680		39750/2506	40620/2593	41490/2680
QPSK	1/0	24.50	24.11	24.12	24.00	20.86	20.47	20.48	20.36
	1/50	24.50	24.05	24.08	24.00	20.86	20.41	20.44	20.36
	1/99	24.50	24.11	24.10	24.00	20.86	20.47	20.46	20.36
	50/0	23.50	22.92	23.08	23.04	19.86	19.28	19.44	19.40
	50/25	23.50	23.01	23.05	23.03	19.86	19.37	19.41	19.39
	50/50	23.50	23.05	23.07	22.99	19.86	19.41	19.43	19.35
	100/0	23.50	22.98	23.04	23.02	19.86	19.34	19.40	19.38
16QAM	1/0	23.50	23.41	23.08	23.22	19.86	19.77	19.44	19.58
	1/50	23.50	23.47	23.16	23.30	19.86	19.83	19.52	19.66
	1/99	23.50	23.34	23.05	23.22	19.86	19.70	19.41	19.58
	50/0	22.50	21.94	22.04	22.02	18.86	18.30	18.40	18.38
	50/25	22.50	22.04	22.04	22.01	18.86	18.40	18.40	18.37
	50/50	22.50	22.06	22.03	21.98	18.86	18.42	18.39	18.34
	100/0	22.50	21.98	21.99	22.03	18.86	18.34	18.35	18.39
64QAM	1/0	22.50	22.00	21.83	21.85	18.86	18.36	18.19	18.21
	1/50	22.50	22.06	21.90	21.88	18.86	18.42	18.26	18.24
	1/99	22.50	21.98	21.82	21.83	18.86	18.34	18.18	18.19
	50/0	21.50	20.87	20.97	21.00	17.86	17.23	17.33	17.36
	50/25	21.50	20.97	20.94	20.99	17.86	17.33	17.30	17.35
	50/50	21.50	21.02	20.98	20.95	17.86	17.38	17.34	17.31
	100/0	21.50	20.94	20.96	21.00	17.86	17.30	17.32	17.36

## Duty cycle for Ant 3\_Receiver on\_Configuration 2

LTE B41/BW=20M		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			39750/2506	40620/2593	41490/2680		39750/2506	40620/2593	41490/2680
QPSK	1/0	24.50	24.00	24.01	23.89	18.17	17.67	17.68	17.56
	1/50	24.50	23.96	23.99	23.91	18.17	17.63	17.66	17.58
	1/99	24.50	24.01	24.00	23.90	18.17	17.68	17.67	17.57
	50/0	23.50	22.81	22.97	22.93	17.17	16.48	16.64	16.60
	50/25	23.50	22.90	22.94	22.92	17.17	16.57	16.61	16.59
	50/50	23.50	22.96	22.98	22.90	17.17	16.63	16.65	16.57
	100/0	23.50	22.89	22.95	22.93	17.17	16.56	16.62	16.60
16QAM	1/0	23.50	23.28	22.95	23.09	17.17	16.95	16.62	16.76
	1/50	23.50	23.37	23.06	23.20	17.17	17.04	16.73	16.87
	1/99	23.50	23.24	22.95	23.12	17.17	16.91	16.62	16.79
	50/0	22.50	21.81	21.91	21.89	16.17	15.48	15.58	15.56
	50/25	22.50	21.92	21.92	21.89	16.17	15.59	15.59	15.56
	50/50	22.50	21.94	21.91	21.86	16.17	15.61	15.58	15.53
	100/0	22.50	21.85	21.86	21.90	16.17	15.52	15.53	15.57
64QAM	1/0	22.50	21.87	21.70	21.72	16.17	15.54	15.37	15.39
	1/50	22.50	21.95	21.79	21.77	16.17	15.62	15.46	15.44
	1/99	22.50	21.87	21.71	21.72	16.17	15.54	15.38	15.39
	50/0	21.50	20.76	20.86	20.89	15.17	14.43	14.53	14.56
	50/25	21.50	20.87	20.84	20.89	15.17	14.54	14.51	14.56
	50/50	21.50	20.90	20.86	20.83	15.17	14.57	14.53	14.50
	100/0	21.50	20.85	20.87	20.91	15.17	14.52	14.54	14.58



## Duty cycle for Ant 3\_Receiver on\_Configuration 3

LTE B41/BW=20M		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			39750/2506	40620/2593	41490/2680		39750/2506	40620/2593	41490/2680
QPSK	1/0	24.50	23.95	23.96	23.84	19.51	18.96	18.97	18.85
	1/50	24.50	23.91	23.94	23.86	19.51	18.92	18.95	18.87
	1/99	24.50	23.94	23.93	23.83	19.51	18.95	18.94	18.84
	50/0	23.50	22.78	22.94	22.90	18.51	17.79	<b>17.95</b>	17.91
	50/25	23.50	22.89	22.93	22.91	18.51	17.90	17.94	17.92
	50/50	23.50	22.94	22.96	22.88	18.51	17.95	17.97	17.89
	100/0	23.50	22.81	22.87	22.85	18.51	17.82	17.88	17.86
16QAM	1/0	23.50	23.29	22.96	23.10	18.51	18.30	17.97	18.11
	1/50	23.50	23.32	23.01	23.15	18.51	18.33	18.02	18.16
	1/99	23.50	23.20	22.91	23.08	18.51	18.21	17.92	18.09
	50/0	22.50	21.82	21.92	21.90	17.51	16.83	16.93	16.91
	50/25	22.50	21.90	21.90	21.87	17.51	16.91	16.91	16.88
	50/50	22.50	21.94	21.91	21.86	17.51	16.95	16.92	16.87
	100/0	22.50	21.83	21.84	21.88	17.51	16.84	16.85	16.89
64QAM	1/0	22.50	21.84	21.67	21.69	17.51	16.85	16.68	16.70
	1/50	22.50	21.95	21.79	21.77	17.51	16.96	16.80	16.78
	1/99	22.50	21.83	21.67	21.68	17.51	16.84	16.68	16.69
	50/0	21.50	20.74	20.84	20.87	16.51	15.75	15.85	15.88
	50/25	21.50	20.80	20.77	20.82	16.51	15.81	15.78	15.83
	50/50	21.50	20.88	20.84	20.81	16.51	15.89	15.85	15.82
	100/0	21.50	20.81	20.83	20.87	16.51	15.82	15.84	15.88

## Duty cycle for Ant 3\_Receiver on\_Configuration 4

LTE B41/BW=20M		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			39750/2506	40620/2593	41490/2680		39750/2506	40620/2593	41490/2680
QPSK	1/0	24.50	23.93	23.94	23.82	18.17	17.60	17.61	17.49
	1/50	24.50	23.87	23.90	23.82	18.17	17.54	17.57	17.49
	1/99	24.50	23.96	23.95	23.85	18.17	17.63	17.62	17.52
	50/0	23.50	22.77	22.93	22.89	17.17	16.44	16.60	16.56
	50/25	23.50	22.85	22.89	22.87	17.17	16.52	16.56	16.54
	50/50	23.50	22.87	22.89	22.81	17.17	16.54	16.56	16.48
	100/0	23.50	22.85	22.91	22.89	17.17	16.52	16.58	16.56
16QAM	1/0	23.50	23.24	22.91	23.05	17.17	16.91	16.58	16.72
	1/50	23.50	23.35	23.04	23.18	17.17	17.02	16.71	16.85
	1/99	23.50	23.22	22.93	23.10	17.17	16.89	16.60	16.77
	50/0	22.50	21.78	21.88	21.86	16.17	15.45	15.55	15.53
	50/25	22.50	21.92	21.92	21.89	16.17	15.59	15.59	15.56
	50/50	22.50	21.87	21.84	21.79	16.17	15.54	15.51	15.46
	100/0	22.50	21.86	21.87	21.91	16.17	15.53	15.54	15.58
64QAM	1/0	22.50	21.86	21.69	21.71	16.17	15.53	15.36	15.38
	1/50	22.50	21.94	21.78	21.76	16.17	15.61	15.45	15.43
	1/99	22.50	21.78	21.62	21.63	16.17	15.45	15.29	15.30
	50/0	21.50	20.72	20.82	20.85	15.17	14.39	14.49	14.52
	50/25	21.50	20.80	20.77	20.82	15.17	14.47	14.44	14.49
	50/50	21.50	20.83	20.79	20.76	15.17	14.50	14.46	14.43
	100/0	21.50	20.80	20.82	20.86	15.17	14.47	14.49	14.53

## Duty cycle for Ant 3\_Receiver on\_Configuration 5

LTE B41/BW=20M		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			39750/2506	40620/2593	41490/2680		39750/2506	40620/2593	41490/2680
QPSK	1/0	24.50	24.00	24.01	23.89	15.18	14.68	14.69	14.57
	1/50	24.50	23.94	23.97	23.89	15.18	14.62	14.65	14.57
	1/99	24.50	23.95	23.94	23.84	15.18	14.63	14.62	14.52
	50/0	23.50	22.80	22.96	22.92	14.18	13.48	13.64	13.60
	50/25	23.50	22.88	22.92	22.90	14.18	13.56	13.60	13.58
	50/50	23.50	22.92	22.94	22.86	14.18	13.60	13.62	13.54
	100/0	23.50	22.78	22.84	22.82	14.18	13.46	13.52	13.50
16QAM	1/0	23.50	23.27	22.94	23.08	14.18	13.95	13.62	13.76
	1/50	23.50	23.36	23.05	23.19	14.18	14.04	13.73	13.87
	1/99	23.50	23.14	22.85	23.02	14.18	13.82	13.53	13.70
	50/0	22.50	21.78	21.88	21.86	13.18	12.46	12.56	12.54
	50/25	22.50	21.90	21.90	21.87	13.18	12.58	12.58	12.55
	50/50	22.50	21.89	21.86	21.81	13.18	12.57	12.54	12.49
	100/0	22.50	21.79	21.80	21.84	13.18	12.47	12.48	12.52
64QAM	1/0	22.50	21.85	21.68	21.70	13.18	12.53	12.36	12.38
	1/50	22.50	21.95	21.79	21.77	13.18	12.63	12.47	12.45
	1/99	22.50	21.87	21.71	21.72	13.18	12.55	12.39	12.40
	50/0	21.50	20.70	20.80	20.83	12.18	11.38	11.48	11.51
	50/25	21.50	20.84	20.81	20.86	12.18	11.52	11.49	11.54
	50/50	21.50	20.83	20.79	20.76	12.18	11.51	11.47	11.44
	100/0	21.50	20.83	20.85	20.89	12.18	11.51	11.53	11.57

## Duty cycle for Ant 3\_Receiver on\_Configuration 6

LTE B41/BW=20M		Max Burst Average Power (dBm)				Max Frame Average Power (dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Max. Tune-up	Channel/Frequency(MHz)		
			39750/2506	40620/2593	41490/2680		39750/2506	40620/2593	41490/2680
QPSK	1/0	24.50	23.98	23.99	23.87	21.77	21.25	21.26	21.14
	1/50	24.50	23.90	23.93	23.85	21.77	21.17	21.20	21.12
	1/99	24.50	23.97	23.96	23.86	21.77	21.24	21.23	21.13
	50/0	23.50	22.81	22.97	22.93	20.77	20.08	20.24	20.20
	50/25	23.50	22.88	22.92	22.90	20.77	20.15	20.19	20.17
	50/50	23.50	22.93	22.95	22.87	20.77	20.20	20.22	20.14
	100/0	23.50	22.85	22.91	22.89	20.77	20.12	20.18	20.16
16QAM	1/0	23.50	23.28	22.95	23.09	20.77	20.55	20.22	20.36
	1/50	23.50	23.35	23.04	23.18	20.77	20.62	20.31	20.45
	1/99	23.50	23.18	22.89	23.06	20.77	20.45	20.16	20.33
	50/0	22.50	21.79	21.89	21.87	19.77	19.06	19.16	19.14
	50/25	22.50	21.87	21.87	21.84	19.77	19.14	19.14	19.11
	50/50	22.50	21.92	21.89	21.84	19.77	19.19	19.16	19.11
	100/0	22.50	21.83	21.84	21.88	19.77	19.10	19.11	19.15
64QAM	1/0	22.50	21.88	21.71	21.73	19.77	19.15	18.98	19.00
	1/50	22.50	21.91	21.75	21.73	19.77	19.18	19.02	19.00
	1/99	22.50	21.85	21.69	21.70	19.77	19.12	18.96	18.97
	50/0	21.50	20.72	20.82	20.85	18.77	17.99	18.09	18.12
	50/25	21.50	20.84	20.81	20.86	18.77	18.11	18.08	18.13
	50/50	21.50	20.86	20.82	20.79	18.77	18.13	18.09	18.06
	100/0	21.50	20.75	20.77	20.81	18.77	18.02	18.04	18.08

Ant 4\_Receiver on

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39675/2498.5	40620/2593	41565/2687.5				39700/2501	40620/2593	41540/2685
QPSK	1/0	20.50	19.37	19.57	19.38	QPSK	1/0	20.50	19.39	19.49	19.34
	1/12	20.50	19.30	19.45	19.32		1/24	20.50	19.35	19.42	19.30
	1/24	20.50	19.37	19.57	19.39		1/49	20.50	19.50	19.50	19.36
	12/0	20.50	19.34	19.40	19.35		25/0	20.50	19.26	19.38	19.33
	12/6	20.50	19.31	19.37	19.29		25/12	20.50	19.30	19.40	19.33
	12/13	20.50	19.33	19.37	19.31		25/25	20.50	19.36	19.37	19.31
	25/0	20.50	19.33	19.38	19.33		50/0	20.50	19.33	19.38	19.36
16QAM	1/0	20.50	19.64	19.52	19.50	16QAM	1/0	20.50	19.47	19.63	19.64
	1/12	20.50	19.56	19.44	19.51		1/24	20.50	19.64	19.60	19.56
	1/24	20.50	19.62	19.51	19.48		1/49	20.50	19.50	19.64	19.62
	12/0	20.50	19.37	19.48	19.41		25/0	20.50	19.32	19.42	19.38
	12/6	20.50	19.36	19.44	19.37		25/12	20.50	19.35	19.42	19.37
	12/13	20.50	19.37	19.42	19.35		25/25	20.50	19.40	19.40	19.36
	25/0	20.50	19.37	19.48	19.41		50/0	20.50	19.34	19.38	19.39
64QAM	1/0	20.50	19.58	19.55	19.46	64QAM	1/0	20.50	19.46	19.51	19.40
	1/12	20.50	19.43	19.53	19.40		1/24	20.50	19.52	19.48	19.32
	1/24	20.50	19.63	19.49	19.45		1/49	20.50	19.47	19.54	19.38
	12/0	20.50	19.37	19.38	19.41		25/0	20.50	19.32	19.44	19.43
	12/6	20.50	19.35	19.34	19.37		25/12	20.50	19.39	19.47	19.42
	12/13	20.50	19.38	19.33	19.32		25/25	20.50	19.44	19.45	19.41
	25/0	20.50	19.39	19.42	19.40		50/0	20.50	19.37	19.42	19.36
LTE B41/BW=15M		Average Conducted Power(dBm)				LTE B41/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39725/2503.5	40620/2593	41515/2682.5				39750/2506	40620/2593	41490/2680
QPSK	1/0	20.50	19.53	19.56	19.50	QPSK	1/0	20.50	19.56	19.65	19.51
	1/37	20.50	19.56	19.61	19.57		1/50	20.50	<b>19.61</b>	<b>19.66</b>	<b>19.63</b>
	1/74	20.50	19.50	19.53	19.51		1/99	20.50	19.50	19.64	19.52
	36/0	20.50	19.47	19.56	19.50		50/0	20.50	<b>19.57</b>	<b>19.64</b>	<b>19.56</b>
	36/19	20.50	19.50	19.58	19.49		50/25	20.50	19.56	19.63	19.55
	36/39	20.50	19.55	19.54	19.49		50/50	20.50	19.57	19.62	19.55
	75/0	20.50	19.52	19.61	19.51		100/0	20.50	19.52	19.63	<b>19.64</b>
16QAM	1/0	20.50	19.60	19.57	19.49	16QAM	1/0	20.50	19.45	19.49	19.57
	1/37	20.50	19.65	19.63	19.56		1/50	20.50	19.48	19.53	19.61
	1/74	20.50	19.58	19.55	19.50		1/99	20.50	19.50	19.46	19.57
	36/0	20.50	19.28	19.42	19.35		50/0	20.50	19.29	19.43	19.37
	36/19	20.50	19.32	19.43	19.33		50/25	20.50	19.39	19.42	19.33
	36/39	20.50	19.35	19.40	19.34		50/50	20.50	19.41	19.41	19.33
	75/0	20.50	19.30	19.37	19.30		100/0	20.50	19.32	19.36	19.36
64QAM	1/0	20.50	19.52	19.39	19.44	64QAM	1/0	20.50	19.38	19.23	19.20
	1/37	20.50	19.59	19.46	19.43		1/50	20.50	19.41	19.25	19.23
	1/74	20.50	19.55	19.59	19.57		1/99	20.50	19.32	19.19	19.18
	36/0	20.50	19.30	19.41	19.32		50/0	20.50	19.29	19.41	19.41
	36/19	20.50	19.32	19.46	19.30		50/25	20.50	19.38	19.40	19.41
	36/39	20.50	19.36	19.42	19.31		50/50	20.50	19.40	19.39	19.37
	75/0	20.50	19.32	19.41	19.27		100/0	20.50	19.33	19.40	19.36

Ant 4\_Simultaneous with BT/WiFi/5G NR\_Receiver on

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39675/2498.5	40620/2593	41565/2687.5				39700/2501	40620/2593	41540/2685
QPSK	1/0	19.00	17.79	17.87	17.78	QPSK	1/0	19.00	17.81	17.91	17.74
	1/12	19.00	17.70	17.87	17.72		1/24	19.00	17.77	17.82	17.72
	1/24	19.00	17.79	17.97	17.81		1/49	19.00	17.90	17.90	17.76
	12/0	19.00	17.74	17.80	17.75		25/0	19.00	17.66	17.80	17.75
	12/6	19.00	17.71	17.77	17.71		25/12	19.00	17.72	17.82	17.73
	12/13	19.00	17.73	17.79	17.71		25/25	19.00	17.76	17.77	17.73
	25/0	19.00	17.75	17.78	17.73		50/0	19.00	17.73	17.80	17.76
16QAM	1/0	19.00	17.94	17.92	17.92	16QAM	1/0	19.00	17.89	17.93	17.94
	1/12	19.00	17.94	17.84	17.91		1/24	19.00	17.94	17.92	17.93
	1/24	19.00	17.92	17.93	17.88		1/49	19.00	17.92	17.94	17.92
	12/0	19.00	17.77	17.88	17.81		25/0	19.00	17.74	17.84	17.80
	12/6	19.00	17.78	17.86	17.79		25/12	19.00	17.75	17.82	17.77
	12/13	19.00	17.77	17.82	17.75		25/25	19.00	17.82	17.82	17.76
	25/0	19.00	17.77	17.90	17.81		50/0	19.00	17.74	17.80	17.81
64QAM	1/0	19.00	17.88	17.95	17.88	64QAM	1/0	19.00	17.86	17.91	17.80
	1/12	19.00	17.85	17.93	17.80		1/24	19.00	17.94	17.90	17.74
	1/24	19.00	17.93	17.91	17.87		1/49	19.00	17.87	17.96	17.78
	12/0	19.00	17.77	17.78	17.81		25/0	19.00	17.74	17.84	17.85
	12/6	19.00	17.77	17.76	17.77		25/12	19.00	17.79	17.89	17.82
	12/13	19.00	17.80	17.73	17.72		25/25	19.00	17.86	17.85	17.83
	25/0	19.00	17.79	17.84	17.80		50/0	19.00	17.77	17.82	17.76
LTE B41/BW=15M		Average Conducted Power(dBm)				LTE B41/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39725/2503.5	40620/2593	41515/2682.5				39750/2506	40620/2593	41490/2680
QPSK	1/0	19.00	17.93	17.96	17.90	QPSK	1/0	19.00	17.96	17.97	17.93
	1/37	19.00	17.96	17.91	17.97		1/50	19.00	17.91	17.96	17.95
	1/74	19.00	17.90	17.95	17.91		1/99	19.00	17.92	17.96	17.92
	36/0	19.00	17.89	17.96	17.90		50/0	19.00	17.97	17.94	<b>17.98</b>
	36/19	19.00	17.90	17.90	17.89		50/25	19.00	17.98	17.95	17.95
	36/39	19.00	17.97	17.96	17.91		50/50	19.00	17.97	17.92	17.97
	75/0	19.00	17.94	17.91	17.91		100/0	19.00	17.92	17.93	17.94
16QAM	1/0	19.00	17.90	17.97	17.89	16QAM	1/0	19.00	17.87	17.89	17.97
	1/37	19.00	17.97	17.95	17.88		1/50	19.00	17.88	17.93	17.93
	1/74	19.00	17.88	17.95	17.90		1/99	19.00	17.92	17.86	17.87
	36/0	19.00	17.68	17.82	17.75		50/0	19.00	17.71	17.85	17.77
	36/19	19.00	17.74	17.83	17.75		50/25	19.00	17.81	17.82	17.73
	36/39	19.00	17.75	17.82	17.74		50/50	19.00	17.81	17.81	17.73
	75/0	19.00	17.70	17.77	17.70		100/0	19.00	17.74	17.76	17.76
64QAM	1/0	19.00	17.94	17.79	17.84	64QAM	1/0	19.00	17.78	17.65	17.62
	1/37	19.00	17.89	17.88	17.85		1/50	19.00	17.81	17.67	17.65
	1/74	19.00	17.95	17.89	17.87		1/99	19.00	17.72	17.59	17.58
	36/0	19.00	17.70	17.81	17.72		50/0	19.00	17.71	17.81	17.81
	36/19	19.00	17.74	17.86	17.72		50/25	19.00	17.78	17.80	17.81
	36/39	19.00	17.76	17.84	17.71		50/50	19.00	17.82	17.79	17.77
	75/0	19.00	17.72	17.81	17.67		100/0	19.00	17.73	17.80	17.78

Ant 4\_Receiver off

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39675/2498.5	40620/2593	41565/2687.5				39700/2501	40620/2593	41540/2685
QPSK	1/0	22.00	20.53	20.87	20.51	QPSK	1/0	22.00	20.54	20.73	20.52
	1/12	22.00	20.51	20.82	20.53		1/24	22.00	20.56	20.79	20.51
	1/24	22.00	20.52	20.83	20.50		1/49	22.00	20.56	20.72	20.46
	12/0	22.00	20.59	20.77	20.56		25/0	22.00	20.53	20.76	20.52
	12/6	22.00	20.57	20.74	20.50		25/12	22.00	20.60	20.78	20.53
	12/13	22.00	20.58	20.72	20.47		25/25	22.00	20.63	20.76	20.53
	25/0	22.00	20.56	20.75	20.55		50/0	22.00	20.58	20.79	20.56
16QAM	1/0	22.00	20.75	20.84	20.85	16QAM	1/0	22.00	20.83	20.75	20.73
	1/12	22.00	20.76	20.80	20.86		1/24	22.00	20.85	20.76	20.71
	1/24	22.00	20.74	20.80	20.82		1/49	22.00	20.83	20.72	20.68
	12/0	22.00	20.60	20.84	20.58		25/0	22.00	20.56	20.80	20.58
	12/6	22.00	20.60	20.83	20.56		25/12	22.00	20.63	20.82	20.58
	12/13	22.00	20.60	20.82	20.53		25/25	22.00	20.65	20.81	20.55
	25/0	22.00	20.60	20.86	20.62		50/0	22.00	20.61	20.79	20.59
64QAM	1/0	22.00	20.65	20.72	20.52	64QAM	1/0	22.00	20.79	20.81	20.38
	1/12	22.00	20.65	20.71	20.57		1/24	22.00	20.83	20.66	20.40
	1/24	22.00	20.63	20.70	20.53		1/49	22.00	20.81	20.76	20.31
	12/0	21.00	19.58	19.74	19.57		25/0	21.00	19.53	19.79	19.57
	12/6	21.00	19.59	19.72	19.55		25/12	21.00	19.59	19.81	19.55
	12/13	21.00	19.59	19.69	19.52		25/25	21.00	19.63	19.78	19.55
	25/0	21.00	19.60	19.81	19.55		50/0	21.00	19.56	19.79	19.50
LTE B41/BW=15M		Average Conducted Power(dBm)				LTE B41/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39725/2503.5	40620/2593	41515/2682.5				39750/2506	40620/2593	41490/2680
QPSK	1/0	22.00	20.50	20.70	20.48	QPSK	1/0	22.00	20.49	20.70	20.47
	1/37	22.00	20.58	20.77	20.53		1/50	22.00	20.61	<b>20.88</b>	20.52
	1/74	22.00	20.43	20.55	20.35		1/99	22.00	20.36	20.51	20.25
	36/0	22.00	20.50	20.69	20.47		50/0	22.00	20.51	<b>20.80</b>	20.54
	36/19	22.00	20.53	20.72	20.46		50/25	22.00	20.60	20.79	20.52
	36/39	22.00	20.53	20.66	20.43		50/50	22.00	20.57	20.75	20.47
	75/0	22.00	20.54	20.72	20.45		100/0	22.00	20.54	20.76	20.48
16QAM	1/0	22.00	20.80	20.71	20.59	16QAM	1/0	22.00	20.84	20.80	20.68
	1/37	22.00	20.87	20.79	20.65		1/50	22.00	20.79	20.86	20.78
	1/74	22.00	20.71	20.79	20.50		1/99	22.00	20.73	20.57	20.52
	36/0	22.00	20.56	20.82	20.55		50/0	22.00	20.58	20.84	20.56
	36/19	22.00	20.60	20.83	20.54		50/25	22.00	20.66	20.82	20.55
	36/39	22.00	20.61	20.78	20.53		50/50	22.00	20.65	20.78	20.48
	75/0	22.00	20.57	20.76	20.49		100/0	22.00	20.58	20.77	20.54
64QAM	1/0	22.00	20.77	20.73	20.70	64QAM	1/0	22.00	20.51	20.52	20.26
	1/37	22.00	20.86	20.81	20.79		1/50	22.00	20.63	20.58	20.30
	1/74	22.00	20.68	20.81	20.58		1/99	22.00	20.38	20.31	20.04
	36/0	21.00	19.53	19.80	19.51		50/0	21.00	19.50	19.78	19.53
	36/19	21.00	19.57	19.83	19.49		50/25	21.00	19.60	19.76	19.52
	36/39	21.00	19.56	19.78	19.46		50/50	21.00	19.57	19.72	19.46
	75/0	21.00	19.55	19.78	19.44		100/0	21.00	19.51	19.73	19.50

## Duty cycle for Ant 4\_Receiver off\_Configuration 1

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	22.00	20.70	18.36	17.06
	1/50	22.00	20.88	18.36	17.24
	1/99	22.00	20.51	18.36	16.87
	50/0	22.00	20.80	18.36	17.16
	50/25	22.00	20.79	18.36	17.15
	50/50	22.00	20.75	18.36	17.11
	100/0	22.00	20.76	18.36	17.12
16QAM	1/0	22.00	20.80	18.36	17.16
	1/50	22.00	20.86	18.36	17.22
	1/99	22.00	20.57	18.36	16.93
	50/0	22.00	20.84	18.36	17.20
	50/25	22.00	20.82	18.36	17.18
	50/50	22.00	20.78	18.36	17.14
	100/0	22.00	20.77	18.36	17.13
64QAM	1/0	22.00	20.52	18.36	16.88
	1/50	22.00	20.58	18.36	16.94
	1/99	22.00	20.31	18.36	16.67
	50/0	21.00	19.78	17.36	16.14
	50/25	21.00	19.76	17.36	16.12
	50/50	21.00	19.72	17.36	16.08
	100/0	21.00	19.73	17.36	16.09



## Duty cycle for Ant 4\_Receiver off\_Configuration 2

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	22.00	20.57	15.67	14.24
	1/50	22.00	20.79	15.67	14.46
	1/99	22.00	20.42	15.67	14.09
	50/0	22.00	20.68	15.67	14.35
	50/25	22.00	20.69	15.67	14.36
	50/50	22.00	20.62	15.67	14.29
	100/0	22.00	20.66	15.67	14.33
16QAM	1/0	22.00	20.70	15.67	14.37
	1/50	22.00	20.75	15.67	14.42
	1/99	22.00	20.46	15.67	14.13
	50/0	22.00	20.73	15.67	14.40
	50/25	22.00	20.71	15.67	14.38
	50/50	22.00	20.68	15.67	14.35
	100/0	22.00	20.68	15.67	14.35
64QAM	1/0	22.00	20.43	15.67	14.10
	1/50	22.00	20.45	15.67	14.12
	1/99	22.00	20.18	15.67	13.85
	50/0	21.00	19.68	14.67	13.35
	50/25	21.00	19.67	14.67	13.34
	50/50	21.00	19.59	14.67	13.26
	100/0	21.00	19.63	14.67	13.30

## Duty cycle for Ant 4\_Receiver off\_Configuration 3

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	22.00	20.58	17.01	15.59
	1/50	22.00	20.73	17.01	15.74
	1/99	22.00	20.37	17.01	15.38
	50/0	22.00	20.63	17.01	15.64
	50/25	22.00	20.68	17.01	15.69
	50/50	22.00	20.60	17.01	15.61
	100/0	22.00	20.60	17.01	15.61
16QAM	1/0	22.00	20.68	17.01	15.69
	1/50	22.00	20.74	17.01	15.75
	1/99	22.00	20.46	17.01	15.47
	50/0	22.00	20.72	17.01	15.73
	50/25	22.00	20.66	17.01	15.67
	50/50	22.00	20.67	17.01	15.68
	100/0	22.00	20.63	17.01	15.64
64QAM	1/0	22.00	20.39	17.01	15.40
	1/50	22.00	20.46	17.01	15.47
	1/99	22.00	20.18	17.01	15.19
	50/0	21.00	19.66	16.01	14.67
	50/25	21.00	19.62	16.01	14.63
	50/50	21.00	19.57	16.01	14.58
	100/0	21.00	19.59	16.01	14.60

## Duty cycle for Ant 4\_Receiver off\_Configuration 4

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	22.00	20.51	15.67	14.18
	1/50	22.00	20.70	15.67	14.37
	1/99	22.00	20.34	15.67	14.01
	50/0	22.00	20.67	15.67	14.34
	50/25	22.00	20.64	15.67	14.31
	50/50	22.00	20.60	15.67	14.27
	100/0	22.00	20.58	15.67	14.25
16QAM	1/0	22.00	20.64	15.67	14.31
	1/50	22.00	20.69	15.67	14.36
	1/99	22.00	20.41	15.67	14.08
	50/0	22.00	20.69	15.67	14.36
	50/25	22.00	20.68	15.67	14.35
	50/50	22.00	20.67	15.67	14.34
	100/0	22.00	20.58	15.67	14.25
64QAM	1/0	22.00	20.34	15.67	14.01
	1/50	22.00	20.40	15.67	14.07
	1/99	22.00	20.12	15.67	13.79
	50/0	21.00	19.59	14.67	13.26
	50/25	21.00	19.59	14.67	13.26
	50/50	21.00	19.53	14.67	13.20
	100/0	21.00	19.59	14.67	13.26

## Duty cycle for Ant 4\_Receiver off\_Configuration 5

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	22.00	20.55	12.68	11.23
	1/50	22.00	20.72	12.68	11.40
	1/99	22.00	20.37	12.68	11.05
	50/0	22.00	20.68	12.68	11.36
	50/25	22.00	20.62	12.68	11.30
	50/50	22.00	20.64	12.68	11.32
	100/0	22.00	20.57	12.68	11.25
16QAM	1/0	22.00	20.67	12.68	11.35
	1/50	22.00	20.71	12.68	11.39
	1/99	22.00	20.43	12.68	11.11
	50/0	22.00	20.68	12.68	11.36
	50/25	22.00	20.64	12.68	11.32
	50/50	22.00	20.64	12.68	11.32
	100/0	22.00	20.60	12.68	11.28
64QAM	1/0	22.00	20.32	12.68	11.00
	1/50	22.00	20.39	12.68	11.07
	1/99	22.00	20.15	12.68	10.83
	50/0	21.00	19.64	11.68	10.32
	50/25	21.00	19.60	11.68	10.28
	50/50	21.00	19.60	11.68	10.28
	100/0	21.00	19.59	11.68	10.27

## Duty cycle for Ant 4\_Receiver off\_Configuration 6

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	22.00	20.54	17.01	15.55
	1/50	22.00	20.75	17.01	15.76
	1/99	22.00	20.34	17.01	15.35
	50/0	22.00	20.68	17.01	15.69
	50/25	22.00	20.65	17.01	15.66
	50/50	22.00	20.59	17.01	15.60
	100/0	22.00	20.58	17.01	15.59
16QAM	1/0	22.00	20.68	17.01	15.69
	1/50	22.00	20.73	17.01	15.74
	1/99	22.00	20.40	17.01	15.41
	50/0	22.00	20.73	17.01	15.74
	50/25	22.00	20.62	17.01	15.63
	50/50	22.00	20.66	17.01	15.67
	100/0	22.00	20.59	17.01	15.60
64QAM	1/0	22.00	20.36	17.01	15.37
	1/50	22.00	20.46	17.01	15.47
	1/99	22.00	20.14	17.01	15.15
	50/0	21.00	19.62	16.01	14.63
	50/25	21.00	19.64	16.01	14.65
	50/50	21.00	19.54	16.01	14.55
	100/0	21.00	19.53	16.01	14.54

## Duty cycle for Ant 4\_Hotspot\_Configuration 1

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	20.50	19.68	16.86	16.01
	1/50	20.50	19.66	16.86	16.02
	1/99	20.50	19.69	16.86	16.00
	50/0	20.50	19.62	16.86	16.00
	50/25	20.50	19.68	16.86	15.99
	50/50	20.50	19.62	16.86	15.98
	100/0	20.50	19.61	16.86	15.99
16QAM	1/0	20.50	19.54	16.86	15.85
	1/50	20.50	19.58	16.86	15.89
	1/99	20.50	19.44	16.86	15.82
	50/0	20.50	19.48	16.86	15.79
	50/25	20.50	19.47	16.86	15.78
	50/50	20.50	19.39	16.86	15.77
	100/0	20.50	19.34	16.86	15.72
64QAM	1/0	20.50	19.28	16.86	15.59
	1/50	20.50	19.25	16.86	15.61
	1/99	20.50	19.17	16.86	15.55
	50/0	20.50	19.41	16.86	15.77
	50/25	20.50	19.43	16.86	15.76
	50/50	20.50	19.44	16.86	15.75
	100/0	20.50	19.40	16.86	15.76

## Duty cycle for Ant 4\_Hotspot\_Configuration 2

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	20.50	19.65	14.17	13.32
	1/50	20.50	19.71	14.17	13.33
	1/99	20.50	19.64	14.17	13.31
	50/0	20.50	19.69	14.17	13.31
	50/25	20.50	19.63	14.17	13.30
	50/50	20.50	19.62	14.17	13.29
	100/0	20.50	19.68	14.17	13.30
16QAM	1/0	20.50	19.49	14.17	13.16
	1/50	20.50	19.58	14.17	13.20
	1/99	20.50	19.46	14.17	13.13
	50/0	20.50	19.43	14.17	13.10
	50/25	20.50	19.45	14.17	13.09
	50/50	20.50	19.41	14.17	13.08
	100/0	20.50	19.39	14.17	13.03
64QAM	1/0	20.50	19.23	14.17	12.90
	1/50	20.50	19.30	14.17	12.92
	1/99	20.50	19.17	14.17	12.86
	50/0	20.50	19.41	14.17	13.08
	50/25	20.50	19.43	14.17	13.07
	50/50	20.50	19.37	14.17	13.06
	100/0	20.50	19.40	14.17	13.07

## Duty cycle for Ant 4\_Hotspot\_Configuration 3

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	20.50	19.70	15.51	14.66
	1/50	20.50	19.66	15.51	14.67
	1/99	20.50	19.62	15.51	14.65
	50/0	20.50	19.69	15.51	14.65
	50/25	20.50	19.63	15.51	14.64
	50/50	20.50	19.60	15.51	14.63
	100/0	20.50	19.68	15.51	14.64
16QAM	1/0	20.50	19.49	15.51	14.50
	1/50	20.50	19.51	15.51	14.54
	1/99	20.50	19.51	15.51	14.47
	50/0	20.50	19.43	15.51	14.44
	50/25	20.50	19.40	15.51	14.43
	50/50	20.50	19.46	15.51	14.42
	100/0	20.50	19.34	15.51	14.37
64QAM	1/0	20.50	19.23	15.51	14.24
	1/50	20.50	19.30	15.51	14.26
	1/99	20.50	19.17	15.51	14.20
	50/0	20.50	19.46	15.51	14.42
	50/25	20.50	19.40	15.51	14.41
	50/50	20.50	19.39	15.51	14.40
	100/0	20.50	19.45	15.51	14.41



## Duty cycle for Ant 4\_Hotspot\_Configuration 4

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	20.50	19.70	14.17	13.32
	1/50	20.50	19.66	14.17	13.33
	1/99	20.50	19.69	14.17	13.31
	50/0	20.50	19.62	14.17	13.31
	50/25	20.50	19.68	14.17	13.30
	50/50	20.50	19.62	14.17	13.29
	100/0	20.50	19.66	14.17	13.30
16QAM	1/0	20.50	19.49	14.17	13.16
	1/50	20.50	19.51	14.17	13.20
	1/99	20.50	19.46	14.17	13.13
	50/0	20.50	19.48	14.17	13.10
	50/25	20.50	19.40	14.17	13.09
	50/50	20.50	19.39	14.17	13.08
	100/0	20.50	19.36	14.17	13.03
64QAM	1/0	20.50	19.23	14.17	12.90
	1/50	20.50	19.28	14.17	12.92
	1/99	20.50	19.19	14.17	12.86
	50/0	20.50	19.46	14.17	13.08
	50/25	20.50	19.43	14.17	13.07
	50/50	20.50	19.39	14.17	13.06
	100/0	20.50	19.40	14.17	13.07

## Duty cycle for Ant 4\_Hotspot\_Configuration 5

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	20.50	19.65	11.18	10.33
	1/50	20.50	19.69	11.18	10.34
	1/99	20.50	19.64	11.18	10.32
	50/0	20.50	19.62	11.18	10.32
	50/25	20.50	19.68	11.18	10.31
	50/50	20.50	19.60	11.18	10.30
	100/0	20.50	19.63	11.18	10.31
16QAM	1/0	20.50	19.52	11.18	10.17
	1/50	20.50	19.56	11.18	10.21
	1/99	20.50	19.46	11.18	10.14
	50/0	20.50	19.43	11.18	10.11
	50/25	20.50	19.47	11.18	10.10
	50/50	20.50	19.41	11.18	10.09
	100/0	20.50	19.41	11.18	10.04
64QAM	1/0	20.50	19.23	11.18	9.91
	1/50	20.50	19.25	11.18	9.93
	1/99	20.50	19.22	11.18	9.87
	50/0	20.50	19.41	11.18	10.09
	50/25	20.50	19.40	11.18	10.08
	50/50	20.50	19.44	11.18	10.07
	100/0	20.50	19.40	11.18	10.08

## Duty cycle for Ant 4\_Hotspot\_Configuration 6

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			40620/2593		40620/2593
QPSK	1/0	20.50	19.65	17.77	16.92
	1/50	20.50	19.66	17.77	16.93
	1/99	20.50	19.69	17.77	16.91
	50/0	20.50	19.62	17.77	16.91
	50/25	20.50	19.66	17.77	16.90
	50/50	20.50	19.62	17.77	16.89
	100/0	20.50	19.68	17.77	16.90
16QAM	1/0	20.50	19.47	17.77	16.76
	1/50	20.50	19.58	17.77	16.80
	1/99	20.50	19.51	17.77	16.73
	50/0	20.50	19.41	17.77	16.70
	50/25	20.50	19.42	17.77	16.69
	50/50	20.50	19.46	17.77	16.68
	100/0	20.50	19.41	17.77	16.63
64QAM	1/0	20.50	19.21	17.77	16.50
	1/50	20.50	19.30	17.77	16.52
	1/99	20.50	19.19	17.77	16.46
	50/0	20.50	19.39	17.77	16.68
	50/25	20.50	19.40	17.77	16.67
	50/50	20.50	19.44	17.77	16.66
	100/0	20.50	19.40	17.77	16.67

Ant 5\_Receiver on

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39675/2498.5	40620/2593	41565/2687.5				39700/2501	40620/2593	41540/2685
QPSK	1/0	21.00	20.83	20.93	20.86	QPSK	1/0	21.00	20.75	20.89	20.85
	1/12	21.00	20.84	20.89	20.87		1/24	21.00	20.81	20.80	20.85
	1/24	21.00	20.86	20.89	20.89		1/49	21.00	20.81	20.92	20.87
	12/0	21.00	20.88	20.90	20.93		25/0	21.00	20.80	20.88	20.89
	12/6	21.00	20.85	20.86	20.75		25/12	21.00	20.85	20.88	20.93
	12/13	21.00	20.87	20.86	20.73		25/25	21.00	20.91	20.85	20.93
	25/0	21.00	20.85	20.86	20.80		50/0	21.00	20.87	20.87	20.93
16QAM	1/0	21.00	20.81	20.71	20.84	16QAM	1/0	21.00	20.85	20.73	20.85
	1/12	21.00	20.82	20.69	20.87		1/24	21.00	20.90	20.75	20.92
	1/24	21.00	20.82	20.70	20.74		1/49	21.00	20.92	20.69	20.92
	12/0	21.00	20.90	20.89	20.85		25/0	21.00	20.83	20.78	20.79
	12/6	21.00	20.89	20.86	20.84		25/12	21.00	20.89	20.82	20.80
	12/13	21.00	20.91	20.84	20.80		25/25	21.00	20.94	20.78	20.80
	25/0	21.00	20.89	20.93	20.78		50/0	21.00	20.90	20.93	20.82
64QAM	1/0	21.00	20.78	20.72	20.75	64QAM	1/0	21.00	20.66	20.61	20.76
	1/12	21.00	20.79	20.68	20.77		1/24	21.00	20.73	20.64	20.79
	1/24	21.00	20.79	20.71	20.77		1/49	21.00	20.73	20.60	20.93
	12/0	20.50	20.34	20.49	20.36		25/0	20.50	20.32	20.39	20.33
	12/6	20.50	20.34	20.48	20.34		25/12	20.50	20.38	20.41	20.35
	12/13	20.50	20.34	20.45	20.32		25/25	20.50	20.44	20.40	20.35
	25/0	20.50	20.40	20.38	20.35		50/0	20.50	20.33	20.37	20.40
LTE B41/BW=15M		Average Conducted Power(dBm)				LTE B41/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39725/2503.5	40620/2593	41515/2682.5				39750/2506	40620/2593	41490/2680
QPSK	1/0	21.00	20.70	20.84	20.79	QPSK	1/0	21.00	20.86	20.80	20.72
	1/37	21.00	20.81	20.91	20.87		1/50	21.00	<b>20.91</b>	<b>20.93</b>	<b>20.94</b>
	1/74	21.00	20.72	20.81	20.81		1/99	21.00	20.85	20.76	20.76
	36/0	21.00	20.75	20.83	20.83		50/0	21.00	20.76	20.90	20.89
	36/19	21.00	20.81	20.82	20.82		50/25	21.00	<b>20.88</b>	<b>20.91</b>	<b>20.92</b>
	36/39	21.00	20.83	20.78	20.83		50/50	21.00	20.84	20.89	20.87
	75/0	21.00	20.82	20.85	20.84		100/0	21.00	20.82	20.85	<b>20.87</b>
16QAM	1/0	21.00	20.78	20.67	20.71	16QAM	1/0	21.00	20.71	20.80	20.81
	1/37	21.00	20.83	20.74	20.77		1/50	21.00	20.72	20.79	20.68
	1/74	21.00	20.73	20.63	20.71		1/99	21.00	20.81	20.79	20.73
	36/0	21.00	20.79	20.88	20.89		50/0	21.00	20.71	20.91	20.90
	36/19	21.00	20.84	20.89	20.89		50/25	21.00	20.86	20.90	20.93
	36/39	21.00	20.86	20.85	20.90		50/50	21.00	20.86	20.91	20.90
	75/0	21.00	20.83	20.89	20.85		100/0	21.00	20.80	20.90	20.88
64QAM	1/0	21.00	20.63	20.57	20.83	64QAM	1/0	21.00	20.74	20.76	20.72
	1/37	21.00	20.75	20.59	20.91		1/50	21.00	20.82	20.88	20.84
	1/74	21.00	20.64	20.49	20.84		1/99	21.00	20.66	20.74	20.75
	36/0	20.50	20.31	20.41	20.34		50/0	20.50	20.24	20.43	20.41
	36/19	20.50	20.38	20.44	20.33		50/25	20.50	20.36	20.41	20.44
	36/39	20.50	20.38	20.43	20.37		50/50	20.50	20.36	20.42	20.41
	75/0	20.50	20.25	20.41	20.36		100/0	20.50	20.28	20.40	20.41

Ant 5\_Simultaneous with BT/WiFi/5G NR\_Receiver on

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39675/2498.5	40620/2593	41565/2687.5				39700/2501	40620/2593	41540/2685
QPSK	1/0	19.50	19.29	19.30	19.32	QPSK	1/0	19.50	19.21	19.36	19.32
	1/12	19.50	19.31	19.36	19.34		1/24	19.50	19.28	19.26	19.31
	1/24	19.50	19.33	19.35	19.35		1/49	19.50	19.27	19.29	19.34
	12/0	19.50	19.34	19.37	19.29		25/0	19.50	19.27	19.35	19.35
	12/6	19.50	19.32	19.32	19.22		25/12	19.50	19.31	19.35	19.29
	12/13	19.50	19.34	19.33	19.19		25/25	19.50	19.38	19.31	19.25
	25/0	19.50	19.32	19.32	19.27		50/0	19.50	19.34	19.34	19.30
16QAM	1/0	19.50	19.27	19.18	19.30	16QAM	1/0	19.50	19.32	19.20	19.31
	1/12	19.50	19.29	19.15	19.34		1/24	19.50	19.26	19.22	19.22
	1/24	19.50	19.29	19.17	19.21		1/49	19.50	19.28	19.15	19.29
	12/0	19.50	19.36	19.35	19.31		25/0	19.50	19.30	19.25	19.25
	12/6	19.50	19.36	19.32	19.31		25/12	19.50	19.35	19.29	19.27
	12/13	19.50	19.37	19.31	19.27		25/25	19.50	19.31	19.24	19.26
	25/0	19.50	19.35	19.30	19.24		50/0	19.50	19.36	19.30	19.29
64QAM	1/0	19.50	19.25	19.19	19.22	64QAM	1/0	19.50	19.13	19.07	19.23
	1/12	19.50	19.26	19.14	19.24		1/24	19.50	19.19	19.11	19.25
	1/24	19.50	19.25	19.18	19.24		1/49	19.50	19.19	19.07	19.30
	12/0	19.50	18.81	18.95	18.82		25/0	19.50	18.79	18.85	18.80
	12/6	19.50	18.81	18.95	18.81		25/12	19.50	18.84	18.88	18.81
	12/13	19.50	18.80	18.92	18.79		25/25	19.50	18.91	18.87	18.82
	25/0	19.50	18.87	18.85	18.82		50/0	19.50	18.79	18.84	18.87
LTE B41/BW=15M		Average Conducted Power(dBm)				LTE B41/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39725/2503.5	40620/2593	41515/2682.5				39750/2506	40620/2593	41490/2680
QPSK	1/0	19.50	19.16	19.31	19.25	QPSK	1/0	19.50	19.32	19.27	19.19
	1/37	19.50	19.27	19.37	19.34		1/50	19.50	19.38	19.30	19.30
	1/74	19.50	19.19	19.28	19.28		1/99	19.50	19.31	19.23	19.23
	36/0	19.50	19.22	19.29	19.29		50/0	19.50	19.23	19.36	19.35
	36/19	19.50	19.27	19.28	19.29		50/25	19.50	19.35	19.38	<b>19.39</b>
	36/39	19.50	19.30	19.25	19.29		50/50	19.50	19.30	19.35	19.34
	75/0	19.50	19.28	19.32	19.31		100/0	19.50	19.29	19.32	19.34
16QAM	1/0	19.50	19.25	19.14	19.18	16QAM	1/0	19.50	19.17	19.27	19.27
	1/37	19.50	19.30	19.20	19.23		1/50	19.50	19.18	19.25	19.15
	1/74	19.50	19.20	19.10	19.18		1/99	19.50	19.28	19.26	19.20
	36/0	19.50	19.25	19.35	19.36		50/0	19.50	19.18	19.38	19.37
	36/19	19.50	19.30	19.35	19.35		50/25	19.50	19.32	19.36	19.29
	36/39	19.50	19.33	19.32	19.37		50/50	19.50	19.33	19.38	19.36
	75/0	19.50	19.30	19.36	19.32		100/0	19.50	19.27	19.37	19.35
64QAM	1/0	19.50	19.09	19.04	19.29	64QAM	1/0	19.50	19.20	19.22	19.19
	1/37	19.50	19.22	19.06	19.38		1/50	19.50	19.29	19.35	19.31
	1/74	19.50	19.11	18.95	19.31		1/99	19.50	19.13	19.20	19.22
	36/0	19.50	18.78	18.88	18.81		50/0	19.50	18.70	18.90	18.87
	36/19	19.50	18.84	18.91	18.79		50/25	19.50	18.83	18.88	18.91
	36/39	19.50	18.84	18.89	18.84		50/50	19.50	18.82	18.88	18.88
	75/0	19.50	18.72	18.88	18.83		100/0	19.50	18.75	18.87	18.88

Ant 5\_Receiver off

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39675/2498.5	40620/2593	41565/2687.5				39700/2501	40620/2593	41540/2685
QPSK	1/0	22.00	21.82	21.82	21.83	QPSK	1/0	22.00	21.73	21.77	21.84
	1/12	22.00	21.82	21.78	21.84		1/24	22.00	21.80	21.82	21.85
	1/24	22.00	21.85	21.79	21.85		1/49	22.00	21.79	21.79	21.85
	12/0	22.00	21.87	21.92	21.89		25/0	22.00	21.81	21.88	21.88
	12/6	22.00	21.86	21.88	21.86		25/12	22.00	21.87	21.89	21.92
	12/13	22.00	21.89	21.86	21.83		25/25	22.00	21.91	21.87	21.90
	25/0	22.00	21.86	21.90	21.90		50/0	22.00	21.87	21.89	21.91
16QAM	1/0	22.00	21.60	21.63	21.68	16QAM	1/0	22.00	21.60	21.72	21.73
	1/12	22.00	21.61	21.57	21.70		1/24	22.00	21.62	21.81	21.75
	1/24	22.00	21.59	21.55	21.71		1/49	22.00	21.64	21.76	21.74
	12/0	21.50	21.38	21.41	21.01		25/0	21.50	21.30	21.41	21.42
	12/6	21.50	21.37	21.37	21.48		25/12	21.50	21.36	21.42	21.45
	12/13	21.50	21.41	21.35	21.45		25/25	21.50	21.42	21.42	21.44
	25/0	21.50	21.39	21.43	21.42		50/0	21.50	21.35	21.42	21.45
64QAM	1/0	21.50	21.37	20.94	21.10	64QAM	1/0	21.50	21.10	21.06	21.05
	1/12	21.50	21.36	20.99	21.12		1/24	21.50	21.13	21.05	21.06
	1/24	21.50	21.38	20.93	21.14		1/49	21.50	21.15	21.03	21.04
	12/0	20.50	20.31	20.47	20.33		25/0	20.50	20.31	20.38	20.30
	12/6	20.50	20.33	20.43	20.30		25/12	20.50	20.36	20.39	20.32
	12/13	20.50	20.31	20.41	20.29		25/25	20.50	20.42	20.38	20.31
	25/0	20.50	20.38	20.35	20.32		50/0	20.50	20.29	20.36	20.39
LTE B41/BW=15M		Average Conducted Power(dBm)				LTE B41/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39725/2503.5	40620/2593	41515/2682.5				39750/2506	40620/2593	41490/2680
QPSK	1/0	22.00	21.68	21.85	21.77	QPSK	1/0	22.00	21.70	21.91	21.72
	1/37	22.00	21.78	21.92	21.86		1/50	22.00	21.85	21.65	<b>21.93</b>
	1/74	22.00	21.67	21.82	21.79		1/99	22.00	21.69	21.91	21.72
	36/0	22.00	21.75	21.80	21.82		50/0	22.00	21.75	<b>21.91</b>	21.89
	36/19	22.00	21.80	21.81	21.79		50/25	22.00	21.88	21.85	21.90
	36/39	22.00	21.81	21.78	21.83		50/50	22.00	21.82	21.81	21.91
	75/0	22.00	21.80	21.84	21.81		100/0	22.00	21.84	21.90	21.84
16QAM	1/0	22.00	21.56	21.66	21.54	16QAM	1/0	22.00	21.56	21.91	21.77
	1/37	22.00	21.66	21.70	21.63		1/50	22.00	21.71	21.74	21.92
	1/74	22.00	21.53	21.59	21.57		1/99	22.00	21.53	21.87	21.82
	36/0	21.50	21.26	21.37	21.41		50/0	21.50	21.23	21.41	21.41
	36/19	21.50	21.33	21.39	21.39		50/25	21.50	21.34	21.40	21.40
	36/39	21.50	21.36	21.35	21.41		50/50	21.50	21.36	21.40	21.39
	75/0	21.50	21.34	21.38	21.35		100/0	21.50	21.29	21.41	21.36
64QAM	1/0	21.50	21.09	20.94	21.36	64QAM	1/0	21.50	21.29	21.38	21.34
	1/37	21.50	21.18	20.93	21.45		1/50	21.50	21.38	21.48	21.47
	1/74	21.50	21.08	20.88	21.37		1/99	21.50	21.24	21.35	21.39
	36/0	20.50	20.30	20.38	20.30		50/0	20.50	20.23	20.39	20.42
	36/19	20.50	20.36	20.38	20.30		50/25	20.50	20.36	20.41	20.43
	36/39	20.50	20.38	20.39	20.31		50/50	20.50	20.38	20.41	20.43
	75/0	20.50	20.27	20.43	20.32		100/0	20.50	20.29	20.40	20.40

## Ant 5\_Hotspot

LTE B41/BW=5M		Average Conducted Power(dBm)				LTE B41/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39675/2498.5	40620/2593	41565/2687.5				39700/2501	40620/2593	41540/2685
QPSK	1/0	20.50	20.19	20.20	20.28	QPSK	1/0	20.50	20.23	20.30	20.26
	1/12	20.50	20.12	20.11	20.21		1/24	20.50	20.16	20.26	20.21
	1/24	20.50	20.22	20.15	20.27		1/49	20.50	20.27	20.27	20.27
	12/0	20.50	20.15	20.26	20.24		25/0	20.50	20.09	20.23	20.24
	12/6	20.50	20.13	20.21	20.19		25/12	20.50	20.16	20.23	20.23
	12/13	20.50	20.15	20.18	20.19		25/25	20.50	20.20	20.21	20.22
	25/0	20.50	20.16	20.23	20.24		50/0	20.50	20.18	20.24	20.27
16QAM	1/0	20.50	20.28	20.19	19.96	16QAM	1/0	20.50	20.31	20.20	20.12
	1/12	20.50	20.18	20.12	20.27		1/24	20.50	20.09	20.19	20.02
	1/24	20.50	20.26	20.18	19.96		1/49	20.50	20.15	20.21	20.12
	12/0	20.50	19.99	20.14	20.17		25/0	20.50	19.97	20.12	20.09
	12/6	20.50	19.99	20.11	20.11		25/12	20.50	20.03	20.11	20.10
	12/13	20.50	19.99	20.08	20.10		25/25	20.50	20.09	20.11	20.09
	25/0	20.50	20.00	20.15	20.18		50/0	20.50	20.03	20.09	20.09
64QAM	1/0	20.50	20.21	19.91	20.17	64QAM	1/0	20.50	20.31	20.18	20.12
	1/12	20.50	20.07	20.22	20.13		1/24	20.50	20.06	20.01	20.04
	1/24	20.50	20.22	19.92	20.21		1/49	20.50	20.17	20.03	20.07
	12/0	20.50	20.03	20.09	20.13		25/0	20.50	20.00	20.15	20.15
	12/6	20.50	20.02	20.02	20.10		25/12	20.50	20.07	20.16	20.15
	12/13	20.50	20.04	20.02	20.06		25/25	20.50	20.13	20.16	20.16
	25/0	20.50	20.05	20.12	20.15		50/0	20.50	20.04	20.08	20.09



LTE B41/BW=15M		Average Conducted Power(dBm)				LTE B41/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			39725/2503.5	40620/2593	41515/2682.5				39750/2506	40620/2593	41490/2680
QPSK	1/0	20.50	20.10	20.16	20.19	QPSK	1/0	20.50	20.14	20.26	20.15
	1/37	20.50	20.18	20.23	20.23		1/50	20.50	20.20	<b>20.38</b>	20.20
	1/74	20.50	20.12	20.15	20.16		1/99	20.50	20.17	20.20	20.13
	36/0	20.50	20.06	20.15	20.17		50/0	20.50	20.08	<b>20.28</b>	20.24
	36/19	20.50	20.11	20.16	20.15		50/25	20.50	20.19	20.24	20.23
	36/39	20.50	20.10	20.14	20.16		50/50	20.50	20.18	20.23	20.22
	75/0	20.50	20.11	20.19	20.17		100/0	20.50	20.13	20.25	20.21
16QAM	1/0	20.50	20.26	20.27	20.19	16QAM	1/0	20.50	20.03	20.13	20.29
	1/37	20.50	20.30	20.32	20.26		1/50	20.50	20.05	20.22	20.23
	1/74	20.50	20.21	20.22	20.23		1/99	20.50	20.17	20.12	20.31
	36/0	20.50	19.95	20.10	20.07		50/0	20.50	19.96	20.12	20.08
	36/19	20.50	20.01	20.13	20.05		50/25	20.50	20.06	20.09	20.07
	36/39	20.50	20.02	20.10	20.08		50/50	20.50	20.10	20.10	20.06
	75/0	20.50	19.97	20.06	20.02		100/0	20.50	19.99	20.06	20.08
64QAM	1/0	20.50	20.17	20.13	20.20	64QAM	1/0	20.50	20.06	19.87	19.84
	1/37	20.50	20.28	20.15	20.31		1/50	20.50	20.05	19.91	19.90
	1/74	20.50	20.24	20.11	20.29		1/99	20.50	19.98	19.82	19.82
	36/0	20.50	19.98	20.09	20.12		50/0	20.50	19.96	20.10	20.10
	36/19	20.50	20.00	20.12	20.08		50/25	20.50	20.05	20.08	20.09
	36/39	20.50	20.03	20.08	20.09		50/50	20.50	20.07	20.09	20.07
	75/0	20.50	20.01	20.09	20.08		100/0	20.50	19.97	20.07	20.07



## Duty cycle for Ant 5\_Receiver on\_Configuration 1

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			41490/2680		41490/2680
QPSK	1/0	21.00	20.72	17.36	17.08
	1/50	21.00	20.94	17.36	17.30
	1/99	21.00	20.76	17.36	17.12
	50/0	21.00	20.89	17.36	17.25
	50/25	21.00	20.92	17.36	17.28
	50/50	21.00	20.87	17.36	17.23
	100/0	21.00	20.87	17.36	17.23
16QAM	1/0	21.00	20.81	17.36	17.17
	1/50	21.00	20.68	17.36	17.04
	1/99	21.00	20.73	17.36	17.09
	50/0	21.00	20.90	17.36	17.26
	50/25	21.00	20.93	17.36	17.29
	50/50	21.00	20.90	17.36	17.26
	100/0	21.00	20.88	17.36	17.24
64QAM	1/0	21.00	20.72	17.36	17.08
	1/50	21.00	20.84	17.36	17.20
	1/99	21.00	20.75	17.36	17.11
	50/0	20.50	20.41	16.86	16.77
	50/25	20.50	20.44	16.86	16.80
	50/50	20.50	20.41	16.86	16.77
	100/0	20.50	20.41	16.86	16.77

## Duty cycle for Ant 5\_Receiver on\_Configuration 2

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			41490/2680		41490/2680
QPSK	1/0	21.00	20.63	14.67	14.30
	1/50	21.00	20.84	14.67	14.51
	1/99	21.00	20.65	14.67	14.32
	50/0	21.00	20.77	14.67	14.44
	50/25	21.00	20.80	14.67	14.47
	50/50	21.00	20.74	14.67	14.41
	100/0	21.00	20.78	14.67	14.45
16QAM	1/0	21.00	20.68	14.67	14.35
	1/50	21.00	20.57	14.67	14.24
	1/99	21.00	20.60	14.67	14.27
	50/0	21.00	20.81	14.67	14.48
	50/25	21.00	20.81	14.67	14.48
	50/50	21.00	20.77	14.67	14.44
	100/0	21.00	20.76	14.67	14.43
64QAM	1/0	21.00	20.63	14.67	14.30
	1/50	21.00	20.72	14.67	14.39
	1/99	21.00	20.62	14.67	14.29
	50/0	20.50	20.30	14.17	13.97
	50/25	20.50	20.33	14.17	14.00
	50/50	20.50	20.29	14.17	13.96
	100/0	20.50	20.28	14.17	13.95

## Duty cycle for Ant 5\_Receiver on\_Configuration 3

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			41490/2680		41490/2680
QPSK	1/0	21.00	20.58	16.01	15.59
	1/50	21.00	20.83	16.01	15.84
	1/99	21.00	20.62	16.01	15.63
	50/0	21.00	20.75	16.01	15.76
	50/25	21.00	20.83	16.01	15.84
	50/50	21.00	20.76	16.01	15.77
	100/0	21.00	20.70	16.01	15.71
16QAM	1/0	21.00	20.64	16.01	15.65
	1/50	21.00	20.54	16.01	15.55
	1/99	21.00	20.60	16.01	15.61
	50/0	21.00	20.77	16.01	15.78
	50/25	21.00	20.82	16.01	15.83
	50/50	21.00	20.73	16.01	15.74
	100/0	21.00	20.77	16.01	15.78
64QAM	1/0	21.00	20.55	16.01	15.56
	1/50	21.00	20.68	16.01	15.69
	1/99	21.00	20.61	16.01	15.62
	50/0	20.50	20.29	15.51	15.30
	50/25	20.50	20.33	15.51	15.34
	50/50	20.50	20.30	15.51	15.31
	100/0	20.50	20.32	15.51	15.33

## Duty cycle for Ant 5\_Receiver on\_Configuration 4

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			41490/2680		41490/2680
QPSK	1/0	21.00	20.55	14.67	14.22
	1/50	21.00	20.80	14.67	14.47
	1/99	21.00	20.61	14.67	14.28
	50/0	21.00	20.69	14.67	14.36
	50/25	21.00	20.77	14.67	14.44
	50/50	21.00	20.67	14.67	14.34
	100/0	21.00	20.78	14.67	14.45
16QAM	1/0	21.00	20.68	14.67	14.35
	1/50	21.00	20.50	14.67	14.17
	1/99	21.00	20.59	14.67	14.26
	50/0	21.00	20.71	14.67	14.38
	50/25	21.00	20.74	14.67	14.41
	50/50	21.00	20.73	14.67	14.40
	100/0	21.00	20.73	14.67	14.40
64QAM	1/0	21.00	20.62	14.67	14.29
	1/50	21.00	20.66	14.67	14.33
	1/99	21.00	20.66	14.67	14.33
	50/0	20.50	20.30	14.17	13.97
	50/25	20.50	20.34	14.17	14.01
	50/50	20.50	20.24	14.17	13.91
	100/0	20.50	20.27	14.17	13.94

## Duty cycle for Ant 5\_Receiver on\_Configuration 5

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			41490/2680		41490/2680
QPSK	1/0	21.00	20.53	11.68	11.21
	1/50	21.00	20.82	11.68	11.50
	1/99	21.00	20.64	11.68	11.32
	50/0	21.00	20.80	11.68	11.48
	50/25	21.00	20.77	11.68	11.45
	50/50	21.00	20.71	11.68	11.39
	100/0	21.00	20.67	11.68	11.35
16QAM	1/0	21.00	20.68	11.68	11.36
	1/50	21.00	20.58	11.68	11.26
	1/99	21.00	20.56	11.68	11.24
	50/0	21.00	20.81	11.68	11.49
	50/25	21.00	20.77	11.68	11.45
	50/50	21.00	20.73	11.68	11.41
	100/0	21.00	20.75	11.68	11.43
64QAM	1/0	21.00	20.53	11.68	11.21
	1/50	21.00	20.65	11.68	11.33
	1/99	21.00	20.62	11.68	11.30
	50/0	20.50	20.28	11.18	10.96
	50/25	20.50	20.28	11.18	10.96
	50/50	20.50	20.26	11.18	10.94
	100/0	20.50	20.30	11.18	10.98

## Duty cycle for Ant 5\_Receiver on\_Configuration 6

LTE B41/BW=20M		Max Burst Average Power (dBm)		Max Frame Average Power (dBm)	
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)	Max. Tune-up	Channel/Frequency(MHz)
			<b>41490/2680</b>		<b>41490/2680</b>
QPSK	1/0	21.00	20.52	18.27	17.79
	1/50	21.00	20.85	18.27	18.12
	1/99	21.00	20.63	18.27	17.90
	50/0	21.00	20.77	18.27	18.04
	50/25	21.00	20.72	18.27	17.99
	50/50	21.00	20.77	18.27	18.04
	100/0	21.00	20.67	18.27	17.94
16QAM	1/0	21.00	20.69	18.27	17.96
	1/50	21.00	20.59	18.27	17.86
	1/99	21.00	20.55	18.27	17.82
	50/0	21.00	20.70	18.27	17.97
	50/25	21.00	20.62	18.27	17.89
	50/50	21.00	20.76	18.27	18.03
	100/0	21.00	20.79	18.27	18.06
64QAM	1/0	21.00	20.55	18.27	17.82
	1/50	21.00	20.69	18.27	17.96
	1/99	21.00	20.56	18.27	17.83
	50/0	20.50	20.28	17.77	17.55
	50/25	20.50	20.28	17.77	17.55
	50/50	20.50	20.29	17.77	17.56
	100/0	20.50	20.30	17.77	17.57

## Note:

1) The tested channel results are marks in bold.

## 16. Conducted power measurement results of LTE B66

Ant 3\_Receiver on

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	24.00	23.51	23.34	23.36	QPSK	1/0	24.00	23.34	23.38	23.42
	1/2	24.00	23.49	23.34	23.36		1/7	24.00	23.37	23.43	23.40
	1/5	24.00	23.50	23.33	23.37		1/14	24.00	23.42	23.37	23.38
	3/0	24.00	23.34	23.34	23.40		8/0	23.00	22.37	22.37	22.41
	3/1	24.00	23.36	23.35	23.41		8/3	23.00	22.37	22.35	22.41
	3/3	24.00	23.36	23.30	23.42		8/7	23.00	22.35	22.31	22.41
	6/0	23.00	22.38	22.37	22.42		15/0	23.00	22.36	22.31	22.42
16QAM	1/0	23.00	22.37	22.51	22.39	16QAM	1/0	23.00	22.44	22.30	22.85
	1/2	23.00	22.34	22.51	22.39		1/7	23.00	22.39	22.30	22.82
	1/5	23.00	22.40	22.51	22.45		1/14	23.00	22.43	22.27	22.81
	3/0	23.00	22.49	22.40	22.56		8/0	22.00	21.38	21.46	21.49
	3/1	23.00	22.51	22.42	22.56		8/3	22.00	21.37	21.44	21.46
	3/3	23.00	22.49	22.40	22.56		8/7	22.00	21.37	21.40	21.49
	6/0	22.00	21.51	21.47	21.56		15/0	22.00	21.29	21.36	21.45
64QAM	1/0	22.00	21.53	21.71	21.57	64QAM	1/0	22.00	21.63	21.66	21.65
	1/2	22.00	21.50	21.75	21.55		1/7	22.00	21.58	21.68	21.61
	1/5	22.00	21.53	21.71	21.61		1/14	22.00	21.60	21.66	21.70
	3/0	22.00	21.31	21.65	21.36		8/0	21.00	20.46	20.62	20.65
	3/1	22.00	21.29	21.68	21.36		8/3	21.00	20.47	20.61	20.65
	3/3	22.00	21.30	21.61	21.37		8/7	21.00	20.47	20.56	20.65
	6/0	21.00	20.58	20.53	20.67		15/0	21.00	20.55	20.49	20.64

LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	24.00	23.46	23.58	23.40	QPSK	1/0	24.00	23.42	23.49	23.56
	1/12	24.00	23.47	22.49	23.46		1/24	24.00	23.37	23.40	23.43
	1/24	24.00	23.51	23.47	23.44		1/49	24.00	23.53	23.49	23.52
	12/0	23.00	22.37	22.42	22.48		25/0	23.00	22.34	22.45	22.46
	12/6	23.00	22.36	22.37	22.43		25/12	23.00	22.43	22.37	22.45
	12/13	23.00	22.37	22.33	22.41		25/25	23.00	22.48	22.37	22.39
	25/0	23.00	22.39	22.37	22.47		50/0	23.00	22.47	22.46	22.54
16QAM	1/0	23.00	22.80	22.89	22.52	16QAM	1/0	23.00	22.50	22.46	22.88
	1/12	23.00	22.67	22.77	22.42		1/24	23.00	22.44	22.27	22.78
	1/24	23.00	22.75	22.85	22.53		1/49	23.00	22.57	22.38	22.90
	12/0	22.00	21.40	21.52	21.53		25/0	22.00	21.40	21.44	21.55
	12/6	22.00	21.37	21.47	21.48		25/12	22.00	21.48	21.38	21.48
	12/13	22.00	21.39	21.43	21.45		25/25	22.00	21.56	21.43	21.51
	25/0	22.00	21.40	21.41	21.38		50/0	22.00	21.46	21.38	21.48
64QAM	1/0	22.00	21.38	21.84	21.72	64QAM	1/0	22.00	21.74	21.76	21.81
	1/12	22.00	21.28	21.71	21.67		1/24	22.00	21.67	21.56	21.62
	1/24	22.00	21.44	21.82	21.78		1/49	22.00	21.76	21.75	21.85
	12/0	21.00	20.57	20.53	20.70		25/0	21.00	20.52	20.68	20.77
	12/6	21.00	20.54	20.50	20.66		25/12	21.00	20.60	20.62	20.74
	12/13	21.00	20.54	20.43	20.63		25/25	21.00	20.67	20.64	20.70
	25/0	21.00	20.50	20.50	20.66		50/0	21.00	20.60	20.64	20.68
LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	24.00	23.28	23.35	23.39	QPSK	1/0	24.00	23.62	23.59	<b>23.63</b>
	1/37	24.00	23.36	23.38	23.49		1/50	24.00	23.52	23.48	23.55
	1/74	24.00	23.33	23.31	23.45		1/99	24.00	23.62	23.58	23.63
	36/0	23.00	22.29	22.31	22.44		50/0	23.00	22.28	22.51	<b>22.53</b>
	36/19	23.00	22.34	22.35	22.41		50/25	23.00	22.42	22.45	22.49
	36/39	23.00	22.44	22.35	22.43		50/50	23.00	22.49	22.40	22.50
	75/0	23.00	22.37	22.38	22.45		100/0	23.00	22.40	22.42	22.41
16QAM	1/0	23.00	22.26	22.78	22.73	16QAM	1/0	23.00	22.88	22.89	22.75
	1/37	23.00	22.29	22.77	22.79		1/50	23.00	22.86	22.75	22.77
	1/74	23.00	22.31	22.71	22.73		1/99	23.00	22.92	22.94	22.75
	36/0	22.00	21.27	21.31	21.45		50/0	22.00	21.22	21.47	21.42
	36/19	22.00	21.31	21.37	21.41		50/25	22.00	21.36	21.43	21.44
	36/39	22.00	21.41	21.39	21.41		50/50	22.00	21.45	21.38	21.39
	75/0	22.00	21.36	21.37	21.40		100/0	22.00	21.32	21.42	21.38
64QAM	1/0	22.00	21.63	21.59	21.80	64QAM	1/0	22.00	21.90	21.98	21.63
	1/37	22.00	21.67	21.55	21.85		1/50	22.00	21.72	21.69	21.57
	1/74	22.00	21.69	21.52	21.85		1/99	22.00	21.93	21.91	21.71
	36/0	21.00	20.49	20.52	20.64		50/0	21.00	20.50	20.67	20.59
	36/19	21.00	20.57	20.61	20.62		50/25	21.00	20.64	20.63	20.63
	36/39	21.00	20.63	20.58	20.60		50/50	21.00	20.69	20.55	20.57
	75/0	21.00	20.57	20.56	20.68		100/0	21.00	20.56	20.55	20.56



## Ant 3\_Hotspot

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	22.50	21.82	21.76	21.93	QPSK	1/0	22.50	21.81	21.90	21.91
	1/2	22.50	21.79	21.77	21.92		1/7	22.50	21.81	21.94	21.88
	1/5	22.50	21.81	21.79	21.96		1/14	22.50	21.89	21.90	21.88
	3/0	22.50	21.80	21.81	21.84		8/0	22.50	21.84	21.81	21.88
	3/1	22.50	21.79	21.83	21.85		8/3	22.50	21.80	21.81	21.89
	3/3	22.50	21.78	21.82	21.87		8/7	22.50	21.82	21.76	21.86
	6/0	22.50	21.81	21.83	21.89		15/0	22.50	21.82	21.79	21.90
16QAM	1/0	22.50	21.88	21.97	22.05	16QAM	1/0	22.50	21.79	22.04	22.00
	1/2	22.50	21.84	22.00	21.91		1/7	22.50	21.79	22.02	21.94
	1/5	22.50	21.89	21.98	21.91		1/14	22.50	21.78	22.04	21.94
	3/0	22.50	22.00	21.88	21.98		8/0	22.00	21.44	21.41	21.46
	3/1	22.50	22.00	21.87	21.96		8/3	22.00	21.42	21.42	21.45
	3/3	22.50	22.00	21.87	21.97		8/7	22.00	21.44	21.37	21.45
	6/0	22.00	21.52	21.45	21.27		15/0	22.00	21.37	21.33	21.37
64QAM	1/0	22.00	21.53	21.71	21.63	64QAM	1/0	22.00	21.65	21.71	21.68
	1/2	22.00	21.53	21.79	21.66		1/7	22.00	21.58	21.72	21.64
	1/5	22.00	21.56	21.70	21.60		1/14	22.00	21.61	21.70	21.70
	3/0	22.00	21.29	21.65	21.52		8/0	21.00	20.49	20.64	20.68
	3/1	22.00	21.28	21.65	21.52		8/3	21.00	20.48	20.63	20.69
	3/3	22.00	21.30	21.61	21.54		8/7	21.00	20.49	20.59	20.64
	6/0	21.00	20.59	20.54	20.88		15/0	21.00	20.58	20.53	20.64

LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	22.50	22.08	21.99	22.06	QPSK	1/0	22.50	22.03	22.03	21.91
	1/12	22.50	21.97	21.86	21.96		1/24	22.50	21.87	21.96	21.87
	1/24	22.50	22.04	21.98	22.06		1/49	22.50	22.03	21.92	21.99
	12/0	22.50	21.84	21.92	21.95		25/0	22.50	21.81	21.91	21.95
	12/6	22.50	21.81	21.85	21.88		25/12	22.50	21.86	21.86	21.93
	12/13	22.50	21.80	21.80	21.88		25/25	22.50	21.95	21.88	21.92
	25/0	22.50	21.87	21.84	21.93		50/0	22.50	21.89	21.92	22.00
16QAM	1/0	22.50	21.76	21.90	21.77	16QAM	1/0	22.50	21.88	21.95	21.98
	1/12	22.50	21.62	21.92	21.74		1/24	22.50	21.79	21.90	21.93
	1/24	22.50	21.73	21.87	21.80		1/49	22.50	21.97	22.03	21.91
	12/0	22.00	21.38	21.52	21.52		25/0	22.00	21.32	21.48	21.60
	12/6	22.00	21.37	21.47	21.48		25/12	22.00	21.40	21.38	21.55
	12/13	22.00	21.39	21.41	21.45		25/25	22.00	21.51	21.42	21.55
	25/0	22.00	21.37	21.39	21.49		50/0	22.00	21.39	21.43	21.52
64QAM	1/0	22.00	21.39	21.64	21.54	64QAM	1/0	22.00	21.58	21.60	21.63
	1/12	22.00	21.30	21.53	21.50		1/24	22.00	21.47	21.40	21.46
	1/24	22.00	21.40	21.66	21.61		1/49	22.00	21.61	21.58	21.66
	12/0	21.00	20.56	20.55	20.69		25/0	21.00	20.50	20.70	20.76
	12/6	21.00	20.54	20.50	20.66		25/12	21.00	20.60	20.64	20.74
	12/13	21.00	20.56	20.44	20.63		25/25	21.00	20.67	20.67	20.72
	25/0	21.00	20.52	20.54	20.64		50/0	21.00	20.59	20.65	20.68
LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	22.50	21.81	21.89	21.83	QPSK	1/0	22.50	22.10	22.10	22.12
	1/37	22.50	21.82	21.87	21.92		1/50	22.50	21.92	21.96	22.00
	1/74	22.50	21.85	21.83	21.91		1/99	22.50	22.10	22.08	<b>22.18</b>
	36/0	22.50	21.75	21.83	21.93		50/0	22.50	21.85	<b>22.07</b>	22.01
	36/19	22.50	21.82	21.81	21.88		50/25	22.50	21.98	21.98	22.02
	36/39	22.50	21.89	21.81	21.90		50/50	22.50	22.06	21.96	21.96
	75/0	22.50	21.83	21.83	21.93		100/0	22.50	21.94	22.00	21.99
16QAM	1/0	22.50	21.74	22.01	21.99	16QAM	1/0	22.50	21.83	22.03	21.78
	1/37	22.50	21.76	22.00	22.04		1/50	22.50	21.81	21.97	21.78
	1/74	22.50	21.78	21.99	22.00		1/99	22.50	21.95	21.98	21.79
	36/0	22.00	21.25	21.23	21.43		50/0	22.00	21.20	21.48	21.43
	36/19	22.00	21.33	21.37	21.40		50/25	22.00	21.35	21.40	21.44
	36/39	22.00	21.41	21.37	21.40		50/50	22.00	21.43	21.37	21.39
	75/0	22.00	21.33	21.35	21.39		100/0	22.00	21.30	21.40	21.40
64QAM	1/0	22.00	21.62	21.58	21.63	64QAM	1/0	22.00	21.58	21.64	21.61
	1/37	22.00	21.64	21.54	21.68		1/50	22.00	21.51	21.70	21.55
	1/74	22.00	21.68	21.51	21.69		1/99	22.00	21.58	21.56	21.68
	36/0	21.00	20.51	20.51	20.64		50/0	21.00	20.50	20.66	20.60
	36/19	21.00	20.57	20.61	20.62		50/25	21.00	20.63	20.62	20.64
	36/39	21.00	20.63	20.59	20.61		50/50	21.00	20.70	20.56	20.56
	75/0	21.00	20.56	20.57	20.68		100/0	21.00	20.57	20.55	20.57

Ant 4\_Receiver on

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	17.00	15.59	15.50	15.63	QPSK	1/0	17.00	15.51	15.59	15.64
	1/2	17.00	15.57	15.51	15.61		1/7	17.00	15.58	15.66	15.59
	1/5	17.00	15.58	15.51	15.62		1/14	17.00	15.57	15.58	15.55
	3/0	17.00	15.58	15.54	15.55		8/0	17.00	15.57	15.58	15.60
	3/1	17.00	15.56	15.58	15.57		8/3	17.00	15.56	15.58	15.59
	3/3	17.00	15.55	15.55	15.57		8/7	17.00	15.55	15.52	15.57
	6/0	17.00	15.59	15.56	15.60		15/0	17.00	15.56	15.54	15.60
16QAM	1/0	17.00	15.59	15.69	15.71	16QAM	1/0	17.00	15.51	15.68	15.53
	1/2	17.00	15.57	15.69	15.68		1/7	17.00	15.55	15.70	15.52
	1/5	17.00	15.62	15.69	15.70		1/14	17.00	15.48	15.69	15.47
	3/0	17.00	15.73	15.61	15.79		8/0	17.00	15.71	15.67	15.73
	3/1	17.00	15.73	15.61	15.79		8/3	17.00	15.68	15.66	15.70
	3/3	17.00	15.73	15.60	15.79		8/7	17.00	15.70	15.63	15.71
	6/0	17.00	15.74	15.72	15.47		15/0	17.00	15.63	15.57	15.66
64QAM	1/0	17.00	15.79	15.66	15.79	64QAM	1/0	17.00	15.87	15.72	15.82
	1/2	17.00	15.77	15.73	15.80		1/7	17.00	15.90	15.76	15.81
	1/5	17.00	15.81	15.89	15.75		1/14	17.00	15.88	15.76	15.75
	3/0	17.00	15.58	15.88	15.71		8/0	17.00	15.67	15.66	15.56
	3/1	17.00	15.57	15.90	15.69		8/3	17.00	15.65	15.64	15.55
	3/3	17.00	15.56	15.85	15.72		8/7	17.00	15.66	15.61	15.55
	6/0	17.00	15.68	15.53	15.88		15/0	17.00	15.58	15.58	15.65

LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	17.00	15.80	15.76	15.80	QPSK	1/0	17.00	15.78	15.84	15.78
	1/12	17.00	15.67	15.60	15.68		1/24	17.00	15.72	15.75	15.70
	1/24	17.00	15.82	15.73	15.79		1/49	17.00	15.77	15.78	15.80
	12/0	17.00	15.58	15.61	15.70		25/0	17.00	15.70	15.75	15.79
	12/6	17.00	15.56	15.58	15.64		25/12	17.00	15.73	15.68	15.78
	12/13	17.00	15.56	15.52	15.60		25/25	17.00	15.78	15.72	15.67
	25/0	17.00	15.59	15.55	15.68		50/0	17.00	15.79	15.77	15.80
16QAM	1/0	17.00	15.68	15.65	15.76	16QAM	1/0	17.00	15.59	15.72	15.74
	1/12	17.00	15.79	15.80	15.66		1/24	17.00	15.50	15.82	15.58
	1/24	17.00	15.82	15.78	15.77		1/49	17.00	15.59	15.78	15.69
	12/0	17.00	15.63	15.74	15.76		25/0	17.00	15.58	15.67	15.81
	12/6	17.00	15.62	15.71	15.69		25/12	17.00	15.63	15.61	15.77
	12/13	17.00	15.65	15.66	15.62		25/25	17.00	15.67	15.63	15.69
	25/0	17.00	15.64	15.63	15.59		50/0	17.00	15.62	15.64	15.68
64QAM	1/0	17.00	15.59	15.87	15.79	64QAM	1/0	17.00	15.69	15.86	15.90
	1/12	17.00	15.52	15.63	15.63		1/24	17.00	15.63	15.78	15.82
	1/24	17.00	15.62	15.75	15.73		1/49	17.00	15.70	15.83	15.87
	12/0	17.00	15.63	15.59	15.75		25/0	17.00	15.63	15.73	15.81
	12/6	17.00	15.61	15.55	15.69		25/12	17.00	15.67	15.69	15.76
	12/13	17.00	15.61	15.48	15.65		25/25	17.00	15.72	15.72	15.72
	25/0	17.00	15.59	15.59	15.70		50/0	17.00	15.65	15.68	15.70
LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	17.00	15.79	15.72	15.76	QPSK	1/0	17.00	15.87	15.81	15.73
	1/37	17.00	15.82	15.76	15.87		1/50	17.00	15.82	15.88	15.85
	1/74	17.00	15.79	15.69	15.82		1/99	17.00	15.84	15.77	<b>15.91</b>
	36/0	17.00	15.74	15.69	15.83		50/0	17.00	15.76	15.85	15.77
	36/19	17.00	15.78	15.77	15.85		50/25	17.00	15.86	15.86	<b>15.88</b>
	36/39	17.00	15.81	15.74	15.79		50/50	17.00	15.86	15.76	15.78
	75/0	17.00	15.80	15.78	15.87		100/0	17.00	15.79	15.77	15.78
16QAM	1/0	17.00	15.44	15.67	15.73	16QAM	1/0	17.00	15.80	15.74	15.67
	1/37	17.00	15.51	15.69	15.61		1/50	17.00	15.81	15.66	15.67
	1/74	17.00	15.53	15.61	15.61		1/99	17.00	15.85	15.68	15.68
	36/0	17.00	15.53	15.86	15.62		50/0	17.00	15.57	15.65	15.53
	36/19	17.00	15.59	15.63	15.63		50/25	17.00	15.65	15.64	15.63
	36/39	17.00	15.60	15.58	15.60		50/50	17.00	15.66	15.56	15.55
	75/0	17.00	15.59	15.58	15.61		100/0	17.00	15.60	15.56	15.57
64QAM	1/0	17.00	15.74	15.78	15.61	64QAM	1/0	17.00	15.68	15.82	15.75
	1/37	17.00	15.79	15.81	15.71		1/50	17.00	15.49	15.71	15.78
	1/74	17.00	15.77	15.77	15.64		1/99	17.00	15.61	15.91	15.78
	36/0	17.00	15.60	15.77	15.70		50/0	17.00	15.60	15.65	15.57
	36/19	17.00	15.66	15.58	15.70		50/25	17.00	15.69	15.68	15.68
	36/39	17.00	15.68	15.53	15.65		50/50	17.00	15.71	15.58	15.60
	75/0	17.00	15.61	15.60	15.65		100/0	17.00	15.60	15.54	15.58

Ant 4\_Receiver off

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	23.50	22.44	22.65	22.55	QPSK	1/0	23.50	22.41	22.53	22.57
	1/2	23.50	22.45	22.66	22.57		1/7	23.50	22.50	22.59	22.59
	1/5	23.50	22.44	22.64	22.58		1/14	23.50	22.49	22.51	22.54
	3/0	23.50	22.49	22.54	22.57		8/0	22.50	21.48	21.55	21.62
	3/1	23.50	22.52	22.57	22.57		8/3	22.50	21.46	21.55	21.61
	3/3	23.50	22.50	22.53	22.56		8/7	22.50	21.46	21.50	21.61
	6/0	22.50	21.49	21.57	21.62		15/0	22.50	21.48	21.51	21.64
16QAM	1/0	22.50	21.89	21.59	21.73	16QAM	1/0	22.50	21.44	21.91	21.65
	1/2	22.50	21.87	21.56	21.73		1/7	22.50	21.43	21.97	21.67
	1/5	22.50	21.88	21.60	21.75		1/14	22.50	21.38	21.92	21.59
	3/0	22.50	21.72	21.71	21.66		8/0	21.50	20.61	20.63	20.66
	3/1	22.50	21.73	21.72	21.66		8/3	21.50	20.58	20.61	20.65
	3/3	22.50	21.71	21.66	21.67		8/7	21.50	20.58	20.58	20.62
	6/0	21.50	20.39	20.70	20.74		15/0	21.50	20.53	20.54	20.56
64QAM	1/0	21.50	20.70	20.92	20.81	64QAM	1/0	21.50	20.78	20.71	20.83
	1/2	21.50	20.69	21.00	20.83		1/7	21.50	20.86	20.77	20.85
	1/5	21.50	20.72	20.94	20.78		1/14	21.50	20.78	20.72	20.76
	3/0	21.50	20.48	20.87	20.71		8/0	20.50	19.73	19.76	19.73
	3/1	21.50	20.49	20.88	20.73		8/3	20.50	19.71	19.76	19.72
	3/3	21.50	20.49	20.83	20.73		8/7	20.50	19.71	19.72	19.71
	6/0	20.50	19.73	19.70	20.03		15/0	20.50	19.63	19.70	19.80
LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	23.50	22.65	22.66	22.72	QPSK	1/0	23.50	22.43	22.56	22.60
	1/12	23.50	22.64	22.60	22.72		1/24	23.50	22.47	22.58	22.61
	1/24	23.50	22.65	22.60	22.72		1/49	23.50	22.44	22.48	22.56
	12/0	22.50	21.50	21.62	21.60		25/0	22.50	21.45	21.60	21.58
	12/6	22.50	21.48	21.58	21.54		25/12	22.50	21.51	21.56	21.55
	12/13	22.50	21.46	21.51	21.48		25/25	22.50	21.54	21.55	21.48
	25/0	22.50	21.51	21.54	21.54		50/0	22.50	21.53	21.61	21.59
16QAM	1/0	22.50	21.87	22.15	21.64	16QAM	1/0	22.50	21.42	21.92	21.56
	1/12	22.50	21.86	22.13	21.63		1/24	22.50	21.44	21.95	21.61
	1/24	22.50	21.84	22.13	21.64		1/49	22.50	21.39	21.86	21.56
	12/0	21.50	20.58	20.69	20.73		25/0	21.50	20.50	20.62	20.76
	12/6	21.50	20.55	20.69	20.68		25/12	21.50	20.56	20.59	20.74
	12/13	21.50	20.56	20.62	20.62		25/25	21.50	20.58	20.58	20.66
	25/0	21.50	20.56	20.62	20.59		50/0	21.50	20.51	20.59	20.68
64QAM	1/0	21.50	20.44	20.89	20.85	64QAM	1/0	21.50	20.79	20.75	20.76
	1/12	21.50	20.45	20.90	20.86		1/24	21.50	20.84	20.80	20.82
	1/24	21.50	20.45	20.90	20.90		1/49	21.50	20.78	20.67	20.75
	12/0	20.50	19.71	19.68	19.88		25/0	20.50	19.67	19.83	19.93
	12/6	20.50	19.68	19.65	19.83		25/12	20.50	19.73	19.79	19.88
	12/13	20.50	19.68	19.60	19.80		25/25	20.50	19.75	19.80	19.82
	25/0	20.50	19.64	19.67	19.82		50/0	20.50	19.69	19.79	19.81

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	23.50	22.36	22.51	22.53	QPSK	1/0	23.50	22.51	22.60	22.54
	1/37	23.50	22.44	22.55	22.65		1/50	23.50	22.59	21.50	<b>22.74</b>
	1/74	23.50	22.30	22.32	22.50		1/99	23.50	22.38	22.33	22.49
	36/0	22.50	21.44	22.32	21.53		50/0	22.50	21.48	21.60	21.57
	36/19	22.50	21.51	21.53	21.60		50/25	22.50	21.56	21.61	<b>21.63</b>
	36/39	22.50	21.50	21.46	21.53		50/50	22.50	21.50	21.47	21.47
	75/0	22.50	21.49	21.53	21.58		100/0	22.50	21.47	21.53	21.50
16QAM	1/0	22.50	21.38	21.89	21.83	16QAM	1/0	22.50	22.07	21.90	21.84
	1/37	22.50	21.47	21.91	21.92		1/50	22.50	22.14	20.52	22.03
	1/74	22.50	21.30	21.71	21.74		1/99	22.50	21.90	21.67	21.78
	36/0	21.50	20.45	21.21	20.58		50/0	21.50	20.50	20.60	20.52
	36/19	21.50	20.49	20.57	20.58		50/25	21.50	20.58	20.59	20.56
	36/39	21.50	20.51	20.52	20.51		50/50	21.50	20.52	20.45	20.40
	75/0	21.50	20.49	20.51	20.54		100/0	21.50	20.51	20.49	20.48
64QAM	1/0	21.50	20.78	20.72	21.09	64QAM	1/0	21.50	20.63	20.86	21.07
	1/37	21.50	20.84	20.74	21.19		1/50	21.50	20.74	19.66	21.18
	1/74	21.50	20.71	20.53	21.02		1/99	21.50	20.54	20.61	20.94
	36/0	20.50	19.65	20.33	19.77		50/0	20.50	19.63	19.79	19.72
	36/19	20.50	19.71	19.75	19.78		50/25	20.50	19.74	19.79	19.79
	36/39	20.50	19.69	19.71	19.70		50/50	20.50	19.66	19.67	19.65
	75/0	20.50	19.67	19.69	19.79		100/0	20.50	19.63	19.68	19.63

## Ant 4\_Hotspot

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	22.00	21.38	21.34	21.51	QPSK	1/0	22.00	21.41	21.44	21.49
	1/2	22.00	21.37	21.34	21.47		1/7	22.00	21.43	21.49	21.47
	1/5	22.00	21.37	21.34	21.53		1/14	22.00	21.49	21.42	21.46
	3/0	22.00	21.38	21.38	21.44		8/0	22.00	21.41	21.39	21.45
	3/1	22.00	21.38	21.39	21.42		8/3	22.00	21.40	21.39	21.45
	3/3	22.00	21.37	21.35	21.46		8/7	22.00	21.40	21.36	21.42
	6/0	22.00	21.41	21.39	21.51		15/0	22.00	21.41	21.37	21.48
16QAM	1/0	22.00	21.45	21.52	21.83	16QAM	1/0	22.00	21.38	21.82	21.52
	1/2	22.00	21.43	21.53	21.80		1/7	22.00	21.35	21.79	21.51
	1/5	22.00	21.47	21.53	21.82		1/14	22.00	21.37	21.82	21.50
	3/0	22.00	21.58	21.44	21.69		8/0	21.50	21.05	20.99	21.03
	3/1	22.00	21.58	21.43	21.68		8/3	21.50	21.03	20.98	21.01
	3/3	22.00	21.58	21.42	21.67		8/7	21.50	21.03	20.95	20.99
	6/0	21.50	21.08	21.04	20.81		15/0	21.50	20.97	20.91	20.93
64QAM	1/0	21.50	21.14	21.23	21.19	64QAM	1/0	21.50	21.25	21.27	21.25
	1/2	21.50	21.11	21.29	21.21		1/7	21.50	21.17	21.29	21.20
	1/5	21.50	21.12	21.21	21.15		1/14	21.50	21.20	21.28	21.23
	3/0	21.50	20.89	21.20	21.06		8/0	20.50	20.09	20.20	20.22
	3/1	21.50	20.89	21.21	21.05		8/3	20.50	20.09	20.20	20.22
	3/3	21.50	20.91	21.18	21.09		8/7	20.50	20.10	20.15	20.19
	6/0	20.50	20.19	20.08	20.42		15/0	20.50	20.19	20.10	20.19
LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	22.00	21.79	21.77	21.85	QPSK	1/0	22.00	21.81	21.74	21.85
	1/12	22.00	21.76	21.63	21.74		1/24	22.00	21.63	21.61	21.65
	1/24	22.00	21.84	21.75	21.76		1/49	22.00	21.81	21.73	21.85
	12/0	22.00	21.64	21.67	21.77		25/0	22.00	21.61	21.67	21.74
	12/6	22.00	21.63	21.64	21.67		25/12	22.00	21.67	21.60	21.72
	12/13	22.00	21.62	21.57	21.61		25/25	22.00	21.69	21.62	21.65
	25/0	22.00	21.64	21.60	21.71		50/0	22.00	21.70	21.68	21.74
16QAM	1/0	22.00	21.73	21.79	21.78	16QAM	1/0	22.00	21.55	21.75	21.64
	1/12	22.00	21.63	21.76	21.67		1/24	22.00	21.35	21.59	21.47
	1/24	22.00	21.73	21.79	21.74		1/49	22.00	21.56	21.77	21.62
	12/0	21.50	20.98	21.09	21.09		25/0	21.50	20.93	21.02	21.15
	12/6	21.50	20.95	21.05	21.03		25/12	21.50	20.98	20.98	21.13
	12/13	21.50	20.96	21.00	20.97		25/25	21.50	21.03	21.00	21.04
	25/0	21.50	20.98	20.97	21.04		50/0	21.50	20.97	20.98	21.03
64QAM	1/0	21.50	20.97	21.37	21.29	64QAM	1/0	21.50	21.36	21.31	21.34
	1/12	21.50	20.86	21.24	21.21		1/24	21.50	21.23	21.16	21.14
	1/24	21.50	20.97	21.35	21.34		1/49	21.50	21.40	21.29	21.31
	12/0	20.50	20.17	20.10	20.27		25/0	20.50	20.15	20.23	20.31
	12/6	20.50	20.16	20.07	20.20		25/12	20.50	20.20	20.20	20.30
	12/13	20.50	20.15	20.02	20.15		25/25	20.50	20.23	20.20	20.20
	25/0	20.50	20.11	20.08	20.22		50/0	20.50	20.17	20.20	20.19

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	22.00	21.58	21.65	21.63	QPSK	1/0	22.00	21.77	21.77	21.70
	1/37	22.00	21.59	21.61	21.71		1/50	22.00	21.69	21.71	21.66
	1/74	22.00	21.62	21.57	21.68		1/99	22.00	<b>21.86</b>	21.70	21.76
	36/0	22.00	21.57	21.57	21.67		50/0	22.00	21.63	21.66	21.62
	36/19	22.00	21.61	21.60	21.69		50/25	22.00	21.69	21.69	<b>21.73</b>
	36/39	22.00	21.64	21.55	21.63		50/50	22.00	21.71	21.57	21.61
	75/0	22.00	21.63	21.58	21.65		100/0	22.00	21.62	21.59	21.58
16QAM	1/0	22.00	21.33	21.81	21.81	16QAM	1/0	22.00	21.79	21.81	21.79
	1/37	22.00	21.35	21.81	21.81		1/50	22.00	21.84	21.83	21.72
	1/74	22.00	21.41	21.73	21.78		1/99	22.00	21.83	21.79	21.78
	36/0	21.50	20.87	20.96	20.95		50/0	21.50	20.90	20.97	20.88
	36/19	21.50	20.91	20.94	20.97		50/25	21.50	20.98	20.98	21.01
	36/39	21.50	20.94	20.93	20.94		50/50	21.50	20.94	20.89	20.91
	75/0	21.50	20.90	20.90	20.93		100/0	21.50	20.90	20.93	20.88
64QAM	1/0	21.50	21.21	21.18	21.34	64QAM	1/0	21.50	21.44	21.22	21.21
	1/37	21.50	21.22	21.12	21.36		1/50	21.50	21.27	21.21	21.07
	1/74	21.50	21.25	21.07	21.39		1/99	21.50	21.31	21.17	21.22
	36/0	20.50	20.09	20.12	20.16		50/0	20.50	20.16	20.15	20.05
	36/19	20.50	20.14	20.15	20.20		50/25	20.50	20.23	20.18	20.19
	36/39	20.50	20.17	20.13	20.14		50/50	20.50	20.21	20.06	20.10
	75/0	20.50	20.12	20.11	20.19		100/0	20.50	20.13	20.04	20.07



Ant 5\_Receiver on

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	18.30	18.20	18.18	18.12	QPSK	1/0	18.30	18.19	18.08	18.15
	1/2	18.30	18.21	18.16	18.14		1/7	18.30	18.26	18.13	18.16
	1/5	18.30	18.21	18.19	18.13		1/14	18.30	18.26	18.10	18.10
	3/0	18.30	18.23	18.09	18.14		8/0	18.30	18.25	18.12	18.16
	3/1	18.30	18.25	18.09	18.13		8/3	18.30	18.26	18.13	18.17
	3/3	18.30	18.26	18.28	18.12		8/7	18.30	18.26	18.09	18.15
	6/0	18.30	18.25	18.14	18.17		15/0	18.30	18.25	18.07	18.19
16QAM	1/0	18.30	18.08	18.11	18.07	16QAM	1/0	18.30	18.23	18.07	18.05
	1/2	18.30	18.09	18.09	18.05		1/7	18.30	18.23	18.09	18.07
	1/5	18.30	18.10	18.13	18.07		1/14	18.30	18.20	18.05	18.04
	3/0	18.30	18.22	18.18	18.14		8/0	18.30	18.12	18.24	18.26
	3/1	18.30	18.22	18.16	18.12		8/3	18.30	18.11	18.22	18.26
	3/3	18.30	18.20	18.15	18.14		8/7	18.30	18.13	18.21	18.23
	6/0	18.30	18.19	18.15	18.07		15/0	18.30	18.06	18.15	18.18
64QAM	1/0	18.30	18.16	18.08	18.07	64QAM	1/0	18.30	18.09	18.19	18.15
	1/2	18.30	18.20	18.15	18.10		1/7	18.30	18.09	18.21	18.17
	1/5	18.30	18.14	18.07	18.06		1/14	18.30	18.09	18.20	18.07
	3/0	18.30	18.08	18.23	18.22		8/0	18.30	18.07	18.20	18.17
	3/1	18.30	18.10	18.22	18.25		8/3	18.30	18.08	18.19	18.14
	3/3	18.30	18.11	18.20	18.25		8/7	18.30	18.07	18.17	18.15
	6/0	18.30	18.05	18.21	18.15		15/0	18.30	18.26	18.12	18.23
LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	18.30	18.18	18.27	18.24	QPSK	1/0	18.30	18.20	18.12	18.13
	1/12	18.30	18.16	18.25	18.23		1/24	18.30	18.26	18.16	18.14
	1/24	18.30	18.15	18.23	18.25		1/49	18.30	18.24	18.12	18.14
	12/0	18.30	18.25	18.16	18.19		25/0	18.30	18.18	18.16	18.01
	12/6	18.30	18.25	18.13	18.19		25/12	18.30	18.09	18.16	18.01
	12/13	18.30	18.26	18.11	18.15		25/25	18.30	18.11	18.18	18.19
	25/0	18.30	18.28	18.14	18.18		50/0	18.30	18.07	18.20	18.24
16QAM	1/0	18.30	18.18	18.06	18.08	16QAM	1/0	18.30	18.19	18.08	18.19
	1/12	18.30	18.04	18.05	18.05		1/24	18.30	18.23	18.12	18.24
	1/24	18.30	18.05	18.03	18.05		1/49	18.30	18.23	18.07	18.23
	12/0	18.30	18.08	18.13	18.27		25/0	18.30	18.22	18.19	18.10
	12/6	18.30	18.07	18.12	18.26		25/12	18.30	18.08	18.21	18.11
	12/13	18.30	18.09	18.09	18.24		25/25	18.30	18.16	18.23	18.06
	25/0	18.30	18.05	18.15	18.16		50/0	18.30	18.27	18.17	18.05
64QAM	1/0	18.30	18.24	18.13	18.12	64QAM	1/0	18.30	18.28	18.14	18.09
	1/12	18.30	18.23	18.12	18.17		1/24	18.30	18.08	18.17	18.15
	1/24	18.30	18.06	18.12	18.20		1/49	18.30	18.07	18.11	18.13
	12/0	18.30	18.06	18.27	18.27		25/0	18.30	18.22	18.20	18.10
	12/6	18.30	18.08	18.27	18.24		25/12	18.30	18.08	18.24	18.10
	12/13	18.30	18.05	18.23	18.24		25/25	18.30	18.16	18.25	18.06
	25/0	18.30	18.24	18.28	18.23		50/0	18.30	18.08	17.99	18.24

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	18.30	18.13	18.04	18.07	QPSK	1/0	18.30	18.20	18.21	18.21
	1/37	18.30	18.24	18.08	18.19		1/50	18.30	18.27	18.27	<b>18.28</b>
	1/74	18.30	18.20	18.25	18.11		1/99	18.30	18.25	18.25	18.25
	36/0	18.30	18.14	18.25	18.18		50/0	18.30	18.16	18.12	18.16
	36/19	18.30	18.24	18.06	18.17		50/25	18.30	18.08	18.21	<b>18.24</b>
	36/39	18.30	18.08	18.09	18.16		50/50	18.30	18.22	18.16	18.15
	75/0	18.30	18.05	18.12	18.20		100/0	18.30	18.21	18.14	18.15
16QAM	1/0	18.30	18.15	18.02	18.27	16QAM	1/0	18.30	18.14	18.12	18.23
	1/37	18.30	18.26	18.10	18.16		1/50	18.30	18.07	18.22	18.19
	1/74	18.30	18.25	18.01	18.10		1/99	18.30	18.24	18.09	18.09
	36/0	18.30	18.16	18.11	18.16		50/0	18.30	18.13	18.11	18.15
	36/19	18.30	18.24	18.13	18.20		50/25	18.30	18.10	18.17	18.22
	36/39	18.30	18.09	18.14	18.16		50/50	18.30	18.06	18.15	18.17
	75/0	18.30	18.25	18.12	18.18		100/0	18.30	18.20	18.10	18.17
64QAM	1/0	18.30	18.23	18.11	18.18	64QAM	1/0	18.30	18.15	18.20	18.27
	1/37	18.30	18.10	18.17	18.06		1/50	18.30	18.07	18.17	18.14
	1/74	18.30	18.11	18.07	18.23		1/99	18.30	18.00	18.18	18.19
	36/0	18.30	18.18	18.19	18.17		50/0	18.30	18.21	18.21	18.21
	36/19	18.30	18.06	18.20	18.23		50/25	18.30	18.23	18.24	18.23
	36/39	18.30	18.07	18.17	18.23		50/50	18.30	18.20	18.21	18.26
	75/0	18.30	18.24	18.14	18.26		100/0	18.30	18.23	18.17	18.21

Ant 5\_Receiver off

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	23.30	23.09	23.19	23.13	QPSK	1/0	23.30	23.07	23.17	23.14
	1/2	23.30	23.11	23.18	23.13		1/7	23.30	23.17	23.14	23.16
	1/5	23.30	23.11	23.17	23.12		1/14	23.30	23.16	23.15	23.11
	3/0	23.30	23.14	23.19	23.14		8/0	22.30	22.13	22.17	22.29
	3/1	23.30	23.15	23.20	23.14		8/3	22.30	22.12	22.18	22.26
	3/3	23.30	23.13	23.17	23.12		8/7	22.30	22.12	22.15	22.27
16QAM	6/0	22.30	22.14	22.19	22.28	15/0	22.30	22.13	22.13	22.16	
	1/0	22.30	22.16	22.18	22.20	16QAM	1/0	22.30	22.03	21.95	22.18
	1/2	22.30	22.16	22.20	22.19		1/7	22.30	22.06	21.99	22.19
	1/5	22.30	22.20	22.19	22.21		1/14	22.30	22.01	21.92	22.27
	3/0	22.30	22.15	22.22	22.20		8/0	21.30	21.23	21.26	21.18
	3/1	22.30	22.17	22.23	22.20		8/3	21.30	21.20	21.26	21.18
3/3	22.30	22.15	22.21	22.19	8/7		21.30	21.23	21.22	21.16	
64QAM	6/0	21.30	21.29	21.28	21.15	15/0	21.30	21.16	21.17	21.25	
	1/0	21.30	21.19	21.29	21.18	64QAM	1/0	21.30	21.22	21.17	21.29
	1/2	21.30	21.20	21.21	21.19		1/7	21.30	21.21	21.20	21.23
	1/5	21.30	21.22	21.27	21.29		1/14	21.30	21.29	21.17	21.20
	3/0	21.30	21.12	21.15	21.21		8/0	20.30	20.20	20.28	20.20
	3/1	21.30	21.14	21.12	21.24		8/3	20.30	20.20	20.27	20.19
3/3	21.30	21.11	21.10	21.23	8/7		20.30	20.20	20.22	20.19	
6/0	20.30	20.21	20.28	20.25	15/0	20.30	20.30	20.15	20.17		
LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	23.30	23.16	23.19	23.20	QPSK	1/0	23.30	23.13	23.15	23.12
	1/12	23.30	23.16	23.14	23.11		1/24	23.30	23.17	23.19	23.14
	1/24	23.30	23.17	23.18	23.13		1/49	23.30	23.12	23.12	23.15
	12/0	22.30	22.12	22.22	22.19		25/0	22.30	22.04	22.19	22.15
	12/6	22.30	22.12	22.20	22.15		25/12	22.30	22.17	22.19	22.17
	12/13	22.30	22.14	22.16	22.27		25/25	22.30	22.23	22.25	22.30
16QAM	25/0	22.30	22.17	22.17	22.16	50/0	22.30	22.20	22.25	22.20	
	1/0	22.30	22.28	21.95	22.29	16QAM	1/0	22.30	22.03	21.98	22.24
	1/12	22.30	22.27	21.98	22.27		1/24	22.30	22.07	21.99	22.29
	1/24	22.30	22.15	21.96	22.30		1/49	22.30	22.07	21.92	22.26
	12/0	21.30	21.18	21.05	21.21		25/0	21.30	21.08	21.23	21.24
	12/6	21.30	21.16	21.03	21.22		25/12	21.30	21.21	21.22	21.27
12/13	21.30	21.19	21.26	21.17	25/25		21.30	21.28	21.26	21.24	
64QAM	25/0	21.30	21.15	21.23	21.26	50/0	21.30	21.14	21.23	21.19	
	1/0	21.30	21.07	21.03	21.20	64QAM	1/0	21.30	21.26	21.17	21.27
	1/12	21.30	21.08	21.00	21.24		1/24	21.30	21.16	21.29	21.17
	1/24	21.30	21.11	21.01	21.28		1/49	21.30	21.28	21.26	21.28
	12/0	20.30	20.27	20.27	20.22		25/0	20.30	20.24	20.25	20.24
	12/6	20.30	20.29	20.26	20.20		25/12	20.30	20.20	20.26	20.26
12/13	20.30	20.16	20.23	20.18	25/25		20.30	20.26	20.15	20.24	
25/0	20.30	20.23	20.29	20.18	50/0	20.30	20.16	20.24	20.18		

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	23.30	23.00	23.16	23.08	QPSK	1/0	23.30	23.12	23.21	23.10
	1/37	23.30	23.11	23.11	23.09		1/50	23.30	23.14	22.15	<b>23.26</b>
	1/74	23.30	23.05	23.06	23.17		1/99	23.30	23.19	23.17	23.21
	36/0	22.30	22.04	22.05	22.28		50/0	22.30	22.04	22.21	22.27
	36/19	22.30	22.13	22.14	22.15		50/25	22.30	22.22	22.22	<b>22.23</b>
	36/39	22.30	22.17	22.16	22.27		50/50	22.30	22.15	22.21	22.21
	75/0	22.30	22.14	22.19	22.30		100/0	22.30	22.10	22.19	22.22
16QAM	1/0	22.30	21.97	21.91	22.22	16QAM	1/0	22.30	22.22	22.15	22.28
	1/37	22.30	22.04	21.98	22.18		1/50	22.30	22.17	21.14	22.20
	1/74	22.30	22.01	21.85	22.23		1/99	22.30	22.25	22.25	22.19
	36/0	21.30	21.03	21.02	21.24		50/0	21.30	20.98	21.20	21.27
	36/19	21.30	21.13	21.21	21.27		50/25	21.30	21.17	21.26	21.15
	36/39	21.30	21.17	21.22	21.26		50/50	21.30	21.14	21.23	21.26
	75/0	21.30	21.12	21.18	21.27		100/0	21.30	21.05	21.21	21.25
64QAM	1/0	21.30	21.21	21.27	21.16	64QAM	1/0	21.30	21.24	21.18	21.25
	1/37	21.30	21.15	21.17	21.29		1/50	21.30	21.21	20.35	21.30
	1/74	21.30	21.16	21.24	21.21		1/99	21.30	21.30	21.28	21.17
	36/0	20.30	20.24	20.25	20.28		50/0	20.30	20.24	20.25	20.29
	36/19	20.30	20.19	20.23	20.15		50/25	20.30	20.25	20.28	20.16
	36/39	20.30	20.22	20.22	20.28		50/50	20.30	20.20	20.25	20.27
	75/0	20.30	20.29	20.19	20.18		100/0	20.30	20.24	20.21	20.27

## Ant 5\_Hotspot

LTE B66/BW=1.4M		Average Conducted Power(dBm)				LTE B66/BW=3M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131979/1710.7	132322/1745	132665/1779.3				131987/1711.5	132322/1745	132657/1778.5
QPSK	1/0	21.80	21.67	21.68	21.73	QPSK	1/0	21.80	21.55	21.70	21.76
	1/2	21.80	21.66	21.68	21.75		1/7	21.80	21.64	21.69	21.77
	1/5	21.80	21.66	21.69	21.73		1/14	21.80	21.64	21.69	21.72
	3/0	21.80	21.59	21.68	21.76		8/0	21.80	21.62	21.65	21.77
	3/1	21.80	21.61	21.67	21.78		8/3	21.80	21.61	21.66	21.68
	3/3	21.80	21.59	21.62	21.73		8/7	21.80	21.62	21.63	21.65
	6/0	21.80	21.63	21.68	21.70		15/0	21.80	21.62	21.63	21.69
16QAM	1/0	21.80	21.70	21.60	21.76	16QAM	1/0	21.80	21.70	21.59	21.74
	1/2	21.80	21.66	21.62	21.71		1/7	21.80	21.72	21.61	21.69
	1/5	21.80	21.71	21.61	21.74		1/14	21.80	21.67	21.57	21.76
	3/0	21.80	21.70	21.72	21.69		8/0	21.30	21.14	21.28	21.23
	3/1	21.80	21.60	21.70	21.69		8/3	21.30	21.15	21.27	21.20
	3/3	21.80	21.68	21.69	21.68		8/7	21.30	21.14	21.24	21.20
	6/0	21.30	21.29	21.30	21.15		15/0	21.30	21.06	21.19	21.17
64QAM	1/0	21.30	21.18	21.29	21.19	64QAM	1/0	21.30	21.24	21.06	21.21
	1/2	21.30	21.19	21.18	21.19		1/7	21.30	21.18	21.11	21.22
	1/5	21.30	21.23	21.15	21.16		1/14	21.30	21.28	21.06	21.29
	3/0	21.30	21.13	21.29	21.24		8/0	20.30	20.19	20.27	20.25
	3/1	21.30	21.15	21.15	21.25		8/3	20.30	20.19	20.26	20.24
	3/3	21.30	21.12	21.27	21.25		8/7	20.30	20.19	20.21	20.23
	6/0	20.30	20.22	20.26	20.26		15/0	20.30	20.24	20.18	20.18
LTE B66/BW=5M		Average Conducted Power(dBm)				LTE B66/BW=10M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			131997/1712.5	132322/1745	132647/1777.5				132022/1715	132322/1745	132622/1775
QPSK	1/0	21.80	21.77	21.73	21.63	QPSK	1/0	21.80	21.58	21.72	21.71
	1/12	21.80	21.75	21.71	21.62		1/24	21.80	21.65	21.74	21.75
	1/24	21.80	21.76	21.74	21.66		1/49	21.80	21.63	21.70	21.72
	12/0	21.80	21.60	21.70	21.64		25/0	21.80	21.56	21.67	21.69
	12/6	21.80	21.60	21.67	21.68		25/12	21.80	21.69	21.66	21.60
	12/13	21.80	21.63	21.64	21.66		25/25	21.80	21.72	21.70	21.68
	25/0	21.80	21.63	21.67	21.75		50/0	21.80	21.70	21.75	21.64
16QAM	1/0	21.80	21.72	21.63	21.61	16QAM	1/0	21.80	21.51	21.63	21.75
	1/12	21.80	21.69	21.62	21.62		1/24	21.80	21.57	21.67	21.70
	1/24	21.80	21.73	21.64	21.63		1/49	21.80	21.54	21.62	21.75
	12/0	21.30	21.19	21.10	21.22		25/0	21.30	21.06	21.21	21.25
	12/6	21.30	21.19	21.09	21.19		25/12	21.30	21.20	21.20	21.25
	12/13	21.30	21.20	21.28	21.15		25/25	21.30	21.25	21.26	21.23
	25/0	21.30	21.17	21.23	21.25		50/0	21.30	21.13	21.22	21.18
64QAM	1/0	21.30	21.08	21.07	21.21	64QAM	1/0	21.30	21.25	21.11	21.25
	1/12	21.30	21.09	21.05	21.24		1/24	21.30	21.16	21.09	21.17
	1/24	21.30	21.11	21.03	21.28		1/49	21.30	21.29	21.08	21.28
	12/0	20.30	20.16	20.28	20.22		25/0	20.30	20.23	20.24	20.24
	12/6	20.30	20.15	20.28	20.20		25/12	20.30	20.19	20.25	20.23
	12/13	20.30	20.18	20.23	20.17		25/25	20.30	20.28	20.28	20.24
	25/0	20.30	20.27	20.28	20.18		50/0	20.30	20.17	20.27	20.18

LTE B66/BW=15M		Average Conducted Power(dBm)				LTE B66/BW=20M		Average Conducted Power(dBm)			
Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)			Modulation	RB Size/Offset	Max. Tune-up	Channel/Frequency(MHz)		
			132047/1717.5	132322/1745	132597/1772.5				132072/1720	132322/1745	132572/1770
QPSK	1/0	21.80	21.53	21.66	21.64	QPSK	1/0	21.80	21.53	21.62	21.56
	1/37	21.80	21.63	21.72	21.77		1/50	21.80	21.67	21.69	<b>21.78</b>
	1/74	21.80	21.57	21.61	21.69		1/99	21.80	21.60	21.57	21.73
	36/0	21.80	21.53	21.61	21.76		50/0	21.80	21.55	21.71	21.76
	36/19	21.80	21.62	21.63	21.76		50/25	21.80	21.74	21.74	<b>21.77</b>
	36/39	21.80	21.66	21.64	21.72		50/50	21.80	21.69	21.71	21.76
	75/0	21.80	21.63	21.66	21.69		100/0	21.80	21.59	21.68	21.72
16QAM	1/0	21.80	21.46	21.60	21.64	16QAM	1/0	21.80	21.68	21.68	21.78
	1/37	21.80	21.56	21.66	21.75		1/50	21.80	21.65	21.16	21.61
	1/74	21.80	21.53	21.76	21.64		1/99	21.80	21.74	21.78	21.69
	36/0	21.30	21.04	21.13	21.23		50/0	21.30	21.04	21.21	21.22
	36/19	21.30	21.14	21.21	21.25		50/25	21.30	21.21	21.24	21.25
	36/39	21.30	21.18	21.21	21.24		50/50	21.30	21.16	21.21	21.22
	75/0	21.30	21.12	21.17	21.27		100/0	21.30	21.09	21.17	21.23
64QAM	1/0	21.30	21.19	21.07	21.28	64QAM	1/0	21.30	21.25	21.15	21.26
	1/37	21.30	21.17	21.11	21.28		1/50	21.30	21.22	20.36	21.30
	1/74	21.30	21.28	21.24	21.19		1/99	21.30	21.30	21.09	21.18
	36/0	20.30	20.23	20.28	20.16		50/0	20.30	20.24	20.29	20.27
	36/19	20.30	20.18	20.27	20.18		50/25	20.30	20.25	20.15	20.16
	36/39	20.30	20.21	20.28	20.18		50/50	20.30	20.21	20.28	20.30
	75/0	20.30	20.30	20.25	20.18		100/0	20.30	20.24	20.26	20.26

Note:

1) The tested channel results are marks in bold.

17. Conducted power measurement results of BT

BT	Average Conducted Power(dBm)			
	Max. Tune up	CH0	CH39	CH78
		2402MHz	2441MHz	2480MHz
DH5	15.00	14.58	<b>14.89</b>	14.28
2DH5	15.00	13.07	13.04	13.08
3DH5	15.00	13.09	13.02	13.01

BT	Average Conducted Power(dBm)			
	Max. Tune up	CH0	CH19	CH39
		2402MHz	2441MHz	2480MHz
BLE(1M)	9.00	7.84	8.27	7.83
BLE(2M)	9.00	7.86	8.28	7.82

Note:

1) The tested channel results are marks in bold.

## 18. Conducted power measurement results of WiFi 2.4G

Ant 8\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune up	Average Power (dBm)
2.4G WIFI _ 1TX_ ANT 8	802.11b	1	2412	1	-	18.00	<b>17.82</b>
		6	2437		-	18.00	17.55
		11	2462		-	18.00	17.78
	802.11g	1	2412	6	-	17.50	Not Required
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11n HT20	1	2412	MCS0	-	17.50	
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11n HT40	3	2422	MCS0	-	17.50	
		6	2437		-	17.50	
		9	2452		-	17.50	
	802.11ax HE20	1	2412	MCS0	-	17.50	
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11ax HE40	3	2422	MCS0	-	17.50	
		6	2437		-	17.50	
		9	2452		-	17.50	
	802.11ax HE20	1	2412	MCS0	26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
		6	2437		26 Tone	6.50	
					52 Tone	9.50	
106 Tone					12.50		
242 Tone					13.50		
11		2462	26 Tone		6.50		
			52 Tone		9.50		
			106 Tone		12.50		
			242 Tone		13.50		



Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune up	Average Power (dBm)
2.4G WIFI _ 1TX_ ANT 8	802.11ax HE40	3	2422	MCS0	26 Tone	6.50	Not Required
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	
		6	2437		26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	
		9	2452		26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	



Ant 8\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune up	Average Power (dBm)
2.4G WIFI _1TX_ ANT 8	802.11b	1	2412	1	-	18.00	<b>17.82</b>
		6	2437		-	18.00	17.55
		11	2462		-	18.00	17.78
	802.11g	1	2412	6	-	17.50	Not Required
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11n HT20	1	2412	MCS0	-	17.50	
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11n HT40	3	2422	MCS0	-	17.50	
		6	2437		-	17.50	
		9	2452		-	17.50	
	802.11ax HE20	1	2412	MCS0	-	17.50	
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11ax HE40	3	2422	MCS0	-	17.50	
		6	2437		-	17.50	
		9	2452		-	17.50	
	802.11ax HE20	1	2412	MCS0	26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
		6	2437		26 Tone	6.50	
					52 Tone	9.50	
106 Tone					12.50		
242 Tone					13.50		
11		2462	26 Tone		6.50		
			52 Tone		9.50		
			106 Tone		12.50		
			242 Tone		13.50		

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune up	Average Power (dBm)
2.4G WIFI_1TX_ ANT 8	802.11ax HE40	3	2422	MCS0	26 Tone	6.50	Not Required
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	
		6	2437		26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	
		9	2452		26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	

Ant 8\_Simultaneous with BT/5G WiFi/2G/3G/4G/5G NR\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune up	Average Power (dBm)
2.4G WIFI_1TX_ ANT 8	802.11b	1	2412	1	-	15.00	14.74
		6	2437		-	15.00	14.53
		11	2462		-	15.00	14.58
	802.11g	1	2412	6	-	14.50	Not Required
		6	2437		-	14.50	
		11	2462		-	14.50	
	802.11n HT20	1	2412	MCS0	-	14.50	
		6	2437		-	14.50	
		11	2462		-	14.50	
	802.11n HT40	3	2422	MCS0	-	14.50	
		6	2437		-	14.50	
		9	2452		-	14.50	
	802.11ax HE20	1	2412	MCS0	-	14.50	
		6	2437		-	14.50	
		11	2462		-	14.50	
	802.11ax HE40	3	2422	MCS0	-	14.50	
		6	2437		-	14.50	
		9	2452		-	14.50	
	802.11ax HE20	1	2412	MCS0	26 Tone	3.50	
					52 Tone	6.50	
					106 Tone	9.50	
242 Tone					10.50		
6		2437	26 Tone		3.50		
			52 Tone		6.50		
			106 Tone		9.50		
			242 Tone		10.50		
11		2462	26 Tone		3.50		
			52 Tone		6.50		
			106 Tone		9.50		
			242 Tone		10.50		

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune up	Average Power (dBm)
2.4G WIFI _ 1TX_ ANT 8	802.11ax HE40	3	2422	MCS0	26 Tone	3.50	Not Required
					52 Tone	6.50	
					106 Tone	9.50	
					242 Tone	10.50	
					484 Tone	10.50	
		6	2437		26 Tone	3.50	
					52 Tone	6.50	
					106 Tone	9.50	
					242 Tone	10.50	
					484 Tone	10.50	
		9	2452		26 Tone	3.50	
					52 Tone	6.50	
					106 Tone	9.50	
					242 Tone	10.50	
					484 Tone	10.50	

Ant 2\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune up	Average Power (dBm)
2.4G WIFI 1TX ANT 2	802.11b	1	2412	1	-	18.00	17.51
		6	2437		-	18.00	<b>17.90</b>
		11	2462		-	18.00	17.75
	802.11g	1	2412	6	-	17.50	Not Required
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11n HT20	1	2412	MCS0	-	17.50	
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11n HT40	3	2422	MCS0	-	17.50	
		6	2437		-	17.50	
		9	2452		-	17.50	
	802.11ax HE20	1	2412	MCS0	-	17.50	
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11ax HE40	3	2422	MCS0	-	17.50	
		6	2437		-	17.50	
		9	2452		-	17.50	
	802.11ax HE20	1	2412	MCS0	26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
		6	2437		26 Tone	6.50	
					52 Tone	9.50	
106 Tone					12.50		
242 Tone					13.50		
11		2462	26 Tone		6.50		
			52 Tone		9.50		
			106 Tone		12.50		
			242 Tone		13.50		

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune up	Average Power (dBm)
2.4G WIFI 1TX_ ANT 2	802.11ax HE40	3	2422	MCS0	26 Tone	6.50	Not Required
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	
		6	2437		26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	
		9	2452		26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	

Ant 2\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune up	Average Power (dBm)
2.4G WIFI_1TX_ANT 2	802.11b	1	2412	1	-	18.00	17.51
		6	2437		-	18.00	<b>17.90</b>
		11	2462		-	18.00	17.75
	802.11g	1	2412	6	-	17.50	Not Required
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11n HT20	1	2412	MCS0	-	17.50	
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11n HT40	3	2422	MCS0	-	17.50	
		6	2437		-	17.50	
		9	2452		-	17.50	
	802.11ax HE20	1	2412	MCS0	-	17.50	
		6	2437		-	17.50	
		11	2462		-	17.50	
	802.11ax HE40	3	2422	MCS0	-	17.50	
		6	2437		-	17.50	
		9	2452		-	17.50	
	802.11ax HE20	1	2412	MCS0	26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
242 Tone					13.50		
6		2437	26 Tone		6.50		
			52 Tone		9.50		
			106 Tone		12.50		
			242 Tone		13.50		
11		2462	26 Tone		6.50		
			52 Tone		9.50		
			106 Tone		12.50		
			242 Tone		13.50		





Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune up	Average Power (dBm)
2.4G WIFI _ 1TX_ ANT 2	802.11ax HE40	3	2422	MCS0	26 Tone	6.50	Not Required
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	
		6	2437		26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	
		9	2452		26 Tone	6.50	
					52 Tone	9.50	
					106 Tone	12.50	
					242 Tone	13.50	
					484 Tone	13.50	

Ant 8+Ant 2\_Receiver on &amp; off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	ANT 8 Average Power (dBm)	ANT 2 Average Power (dBm)	Max. Tune up	Total Average Power (dBm)
2.4G WIFI _2TX _ANT 8+ ANT 2	802.11b	1	2412	1	-	17.82	17.51	21.00	20.68
		6	2437		-	17.55	17.90	21.00	20.74
		11	2462		-	17.78	17.75	21.00	20.78
	802.11g	1	2412	6	-	-	-	20.50	Not Required
		6	2437		-	-	-	20.50	
		11	2462		-	-	-	20.50	
	802.11n HT20	1	2412	MCS0	-	-	-	20.50	
		6	2437		-	-	-	20.50	
		11	2462		-	-	-	20.50	
	802.11n HT40	3	2422	MCS0	-	-	-	20.50	
		6	2437		-	-	-	20.50	
		9	2452		-	-	-	20.50	
	802.11ax HE20	1	2412	MCS0	-	-	-	20.50	
		6	2437		-	-	-	20.50	
		11	2462		-	-	-	20.50	
	802.11ax HE40	3	2422	MCS0	-	-	-	20.50	
		6	2437		-	-	-	20.50	
		9	2452		-	-	-	20.50	
	802.11ax HE20	1	2412	MCS0	26 Tone	-	-	9.50	
					52 Tone	-	-	12.50	
					106 Tone	-	-	15.50	
242 Tone					-	-	16.50		
6		2437	26 Tone		-	-	9.50		
			52 Tone		-	-	12.50		
			106 Tone		-	-	15.50		
			242 Tone		-	-	16.51		
11		2462	26 Tone		-	-	9.50		
			52 Tone		-	-	12.51		
			106 Tone		-	-	15.50		
			242 Tone		-	-	16.51		

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	ANT 8 Average Power (dBm)	ANT 2 Average Power (dBm)	Max. Tune up	Total Average Power (dBm)
<b>2.4G WIFI _2TX _ANT 8+ ANT 2</b>	<b>802.11ax HE40</b>	<b>3</b>	<b>2422</b>	<b>MCS0</b>	26 Tone	-	-	9.50	<b>Not Required</b>
					52 Tone	-	-	12.50	
					106 Tone	-	-	15.50	
					242 Tone	-	-	16.50	
					484 Tone	-	-	16.50	
		<b>6</b>	<b>2437</b>		26 Tone	-	-	9.50	
					52 Tone	-	-	12.51	
					106 Tone	-	-	15.51	
					242 Tone	-	-	16.50	
					484 Tone	-	-	16.50	
		<b>9</b>	<b>2452</b>		26 Tone	-	-	9.50	
					52 Tone	-	-	12.50	
					106 Tone	-	-	15.50	
					242 Tone	-	-	16.50	
					484 Tone	-	-	16.50	

Note:

1) The tested channel results are marks in bold.

19. Conducted power measurement results of WiFi 5.2G

Ant 7\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX _ANT 7	802.11a	36	5180	6	-	15.50	Not Required
		40	5200		-	15.50	
		44	5220		-	15.50	
		48	5240		-	15.50	
	802.11n HT20	36	5180	MCS0	-	15.50	
		40	5200		-	15.50	
		44	5220		-	15.50	
		48	5240		-	15.50	
	802.11n HT40	38	5190	MCS0	-	18.50	
		46	5230		-	18.50	
	802.11ac VHT20	36	5180	MCS0	-	15.50	
		40	5200		-	15.50	
		44	5220		-	15.50	
		48	5240		-	15.50	
	802.11ac VHT40	38	5190	MCS0	-	18.50	
		46	5230		-	18.50	
	802.11ac VHT80	42	5210	MCS0	-	19.00	18.78
	802.11ax HE20	36	5180	MCS0	-	15.50	Not Required
		40	5200		-	15.50	
		44	5220		-	15.50	
		48	5240		-	15.50	
	802.11ax HE40	38	5190	MCS0	-	18.00	
		46	5230		-	18.00	
	802.11ax HE80	42	5210	MCS0	-	18.00	
	802.11ax HE20	36	5180	MCS0	26 Tone	5.00	
					52 Tone	8.00	
					106 Tone	11.00	
					242 Tone	14.00	
40		5200	26 Tone		5.00		
			52 Tone		8.00		
			106 Tone		11.00		
			242 Tone		14.00		
44		5220	26 Tone		5.00		
			52 Tone		8.00		
			106 Tone		11.00		
			242 Tone		14.00		
48	5240	26 Tone	5.00				
		52 Tone	8.00				
		106 Tone	11.00				
		242 Tone	14.00				



Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX _ANT 7	802.11ax HE40	38	5190	MCS0	26 Tone	5.00	Not Required
					52 Tone	8.00	
					106 Tone	11.00	
					242 Tone	14.00	
					484 Tone	15.00	
		46	5230		26 Tone	5.00	
					52 Tone	8.00	
					106 Tone	11.00	
					242 Tone	14.00	
	802.11ax HE80	42	5210	MCS0	484 Tone	15.00	
					26 Tone	5.00	
					52 Tone	8.00	
					106 Tone	11.00	
					242 Tone	14.00	
					996 Tone	15.00	

Ant 7\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)	
5.2G WIFI _1TX _ANT 7	802.11a	36	5180	6	-	15.50	Not Required	
		40	5200		-	15.50		
		44	5220		-	15.50		
		48	5240		-	15.50		
	802.11n HT20	36	5180	MCS0	-	15.50		
		40	5200		-	15.50		
		44	5220		-	15.50		
		48	5240		-	15.50		
	802.11n HT40	38	5190	MCS0	-	18.50		
		46	5230		-	18.50		
	802.11ac VHT20	36	5180	MCS0	-	15.50		
		40	5200		-	15.50		
		44	5220		-	15.50		
		48	5240		-	15.50		
	802.11ac VHT40	38	5190	MCS0	-	18.50		
		46	5230		-	18.50		
	802.11ac VHT80	42	5210	MCS0	-	19.00		18.78
	802.11ax HE20	36	5180	MCS0	-	15.50		
		40	5200		-	15.50		
		44	5220		-	15.50		
		48	5240		-	15.50		
	802.11ax HE40	38	5190	MCS0	-	18.00		
		46	5230		-	18.00		
	802.11ax HE80	42	5210	MCS0	-	18.00		
	802.11ax HE20	36	5180	MCS0	26 Tone	5.00		
					52 Tone	8.00		
					106 Tone	11.00		
					242 Tone	14.00		
40		5200	26 Tone		5.00			
			52 Tone		8.00			
			106 Tone		11.00			
			242 Tone		14.00			
44		5220	26 Tone		5.00			
			52 Tone		8.00			
			106 Tone		11.00			
			242 Tone		14.00			
48		5240	26 Tone		5.00			
			52 Tone		8.00			
			106 Tone		11.00			
			242 Tone		14.00			



Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX _ANT 7	802.11ax HE40	38	5190	MCS0	26 Tone	5.00	Not Required
					52 Tone	8.00	
					106 Tone	11.00	
					242 Tone	14.00	
		484 Tone	15.00				
		46	5230		26 Tone	5.00	
					52 Tone	8.00	
					106 Tone	11.00	
	242 Tone			14.00			
	802.11ax HE80	42	5210	MCS0	484 Tone	15.00	
					26 Tone	5.00	
					52 Tone	8.00	
					106 Tone	11.00	
					242 Tone	14.00	
					996 Tone	15.00	

Ant 7\_Simultaneous with BT/2.4G WiFi/2G/3G/4G/5G NR\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)	
5.2G WIFI _1TX _ANT 7	802.11a	36	5180	6	-	12.50	Not Required	
		40	5200		-	12.50		
		44	5220		-	12.50		
		48	5240		-	12.50		
	802.11n HT20	36	5180	MCS0	-	12.50		
		40	5200		-	12.50		
		44	5220		-	12.50		
		48	5240		-	12.50		
	802.11n HT40	38	5190	MCS0	-	15.50		
		46	5230		-	15.50		
	802.11ac VHT20	36	5180	MCS0	-	12.50		
		40	5200		-	12.50		
		44	5220		-	12.50		
		48	5240		-	12.50		
	802.11ac VHT40	38	5190	MCS0	-	15.50		
		46	5230		-	15.50		
	802.11ac VHT80	42	5210	MCS0	-	16.00		15.75
	802.11ax HE20	36	5180	MCS0	-	12.50		Not Required
		40	5200		-	12.50		
		44	5220		-	12.50		
		48	5240		-	12.50		
	802.11ax HE40	38	5190	MCS0	-	15.00		
		46	5230		-	15.00		
	802.11ax HE80	42	5210	MCS0	-	15.00		
	802.11ax HE20	36	5180	MCS0	26 Tone	2.00		
					52 Tone	5.00		
					106 Tone	8.00		
					242 Tone	11.00		
40		5200	26 Tone		2.00			
			52 Tone		5.00			
			106 Tone		8.00			
			242 Tone		11.00			
44		5220	26 Tone		2.00			
			52 Tone		5.00			
			106 Tone		8.00			
			242 Tone		11.00			
48		5240	26 Tone		2.00			
			52 Tone		5.00			
			106 Tone		8.00			
			242 Tone		11.00			





Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX _ANT 7	802.11ax HE40	38	5190	MCS0	26 Tone	2.00	Not Required
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		484 Tone	12.00				
		46	5230		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
	242 Tone			11.00			
	802.11ax HE80	42	5210	MCS0	484 Tone	12.00	
					26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
					484 Tone	12.00	
996 Tone					12.00		

Ant 7\_Simultaneous with BT/2.4G WiFi/2G/3G/4G/5G NR\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX _ANT 7	802.11a	36	5180	6	-	13.50	Not Required
		40	5200		-	13.50	
		44	5220		-	13.50	
		48	5240		-	13.50	
	802.11n HT20	36	5180	MCS0	-	13.50	
		40	5200		-	13.50	
		44	5220		-	13.50	
		48	5240		-	13.50	
	802.11n HT40	38	5190	MCS0	-	16.50	
		46	5230		-	16.50	
	802.11ac VHT20	36	5180	MCS0	-	13.50	
		40	5200		-	13.50	
		44	5220		-	13.50	
		48	5240		-	13.50	
	802.11ac VHT40	38	5190	MCS0	-	16.50	
		46	5230		-	16.50	
	802.11ac VHT80	42	5210	MCS0	-	17.00	<b>16.85</b>
	802.11ax HE20	36	5180	MCS0	-	13.50	Not Required
		40	5200		-	13.50	
		44	5220		-	13.50	
		48	5240		-	13.50	
	802.11ax HE40	38	5190	MCS0	-	16.00	
		46	5230		-	16.00	
	802.11ax HE80	42	5210	MCS0	-	16.00	
	802.11ax HE20	36	5180	MCS0	26 Tone	3.00	
					52 Tone	6.00	
					106 Tone	9.00	
					242 Tone	12.00	
		40	5200		26 Tone	3.00	
					52 Tone	6.00	
					106 Tone	9.00	
					242 Tone	12.00	
44		5220	26 Tone		3.00		
			52 Tone		6.00		
			106 Tone		9.00		
			242 Tone		12.00		
48		5240	26 Tone		3.00		
			52 Tone		6.00		
			106 Tone		9.00		
			242 Tone		12.00		

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX_ANT 7	802.11ax HE40	38	5190	MCS0	26 Tone	3.00	Not Required
					52 Tone	6.00	
					106 Tone	9.00	
					242 Tone	12.00	
		484 Tone	13.00				
		46	5230		26 Tone	3.00	
	52 Tone			6.00			
	802.11ax HE80	42	5210	MCS0	106 Tone	9.00	
					242 Tone	12.00	
					484 Tone	13.00	
					996 Tone	13.00	
					26 Tone	3.00	
					52 Tone	6.00	

Ant 9\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power dBm	
5.2G WIFI _1TX _ANT 9	802.11a	36	5180	6	-	15.50	Not Required	
		40	5200		-	15.50		
		44	5220		-	15.50		
		48	5240		-	15.50		
	802.11n HT20	36	5180	MCS0	-	15.50		
		40	5200		-	15.50		
		44	5220		-	15.50		
		48	5240		-	15.50		
	802.11n HT40	38	5190	MCS0	-	18.50		
		46	5230		-	18.50		
	802.11ac VHT20	36	5180	MCS0	-	15.50		
		40	5200		-	15.50		
		44	5220		-	15.50		
		48	5240		-	15.50		
	802.11ac VHT40	38	5190	MCS0	-	18.50		
		46	5230		-	18.50		
	802.11ac VHT80	42	5210	MCS0	-	19.00		18.75
	802.11ax HE20	36	5180	MCS0	-	15.50		
		40	5200		-	15.50		
		44	5220		-	15.50		
		48	5240		-	15.50		
	802.11ax HE40	38	5190	MCS0	-	18.00		
		46	5230		-	18.00		
	802.11ax HE80	42	5210	MCS0	-	18.00		
	802.11ax HE20	36	5180	MCS0	26 Tone	5.00		
					52 Tone	8.00		
					106 Tone	11.00		
					242 Tone	14.00		
40		5200	26 Tone		5.00			
			52 Tone		8.00			
			106 Tone		11.00			
			242 Tone		14.00			
44		5220	26 Tone		5.00			
			52 Tone		8.00			
			106 Tone		11.00			
			242 Tone		14.00			
48		5240	26 Tone		5.00			
			52 Tone		8.00			
			106 Tone		11.00			
			242 Tone		14.00			



Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX _ANT 9	802.11ax HE40	38	5190	MCS0	26 Tone	5.00	Not Required
					52 Tone	8.00	
					106 Tone	11.00	
					242 Tone	14.00	
		484 Tone	15.00				
		46	5230		26 Tone	5.00	
					52 Tone	8.00	
					106 Tone	11.00	
	242 Tone			14.00			
	802.11ax HE80	42	5210	MCS0	484 Tone	15.00	
					26 Tone	5.00	
					52 Tone	8.00	
					106 Tone	11.00	
					242 Tone	14.00	
996 Tone					15.00		

Ant 9\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX _ANT 9	802.11a	36	5180	6	-	15.50	Not Required
		40	5200		-	15.50	
		44	5220		-	15.50	
		48	5240		-	15.50	
	802.11n HT20	36	5180	MCS0	-	15.50	
		40	5200		-	15.50	
		44	5220		-	15.50	
		48	5240		-	15.50	
	802.11n HT40	38	5190	MCS0	-	18.50	
		46	5230		-	18.50	
	802.11ac VHT20	36	5180	MCS0	-	15.50	
		40	5200		-	15.50	
		44	5220		-	15.50	
		48	5240		-	15.50	
	802.11ac VHT40	38	5190	MCS0	-	18.50	
		46	5230		-	18.50	
	802.11ac VHT80	42	5210	MCS0	-	19.00	18.75
	802.11ax HE20	36	5180	MCS0	-	15.50	Not Required
		40	5200		-	15.50	
		44	5220		-	15.50	
		48	5240		-	15.50	
	802.11ax HE40	38	5190	MCS0	-	18.00	
		46	5230		-	18.00	
	802.11ax HE80	42	5210	MCS0	-	18.00	
	802.11ax HE20	36	5180	MCS0	26 Tone	5.00	
					52 Tone	8.00	
					106 Tone	11.00	
					242 Tone	14.00	
40		5200	26 Tone		5.00		
			52 Tone		8.00		
			106 Tone		11.00		
			242 Tone		14.00		
44		5220	26 Tone		5.00		
			52 Tone		8.00		
			106 Tone		11.00		
			242 Tone		14.00		
48		5240	26 Tone		5.00		
			52 Tone		8.00		
			106 Tone		11.00		
			242 Tone		14.00		



Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX _ANT 9	802.11ax HE40	38	5190	MCS0	26 Tone	5.00	Not Required
					52 Tone	8.00	
					106 Tone	11.00	
					242 Tone	14.00	
		484 Tone	15.00				
		26 Tone	5.00				
	46	5230	52 Tone	8.00			
			106 Tone	11.00			
	802.11ax HE80	42	5210	MCS0	242 Tone	14.00	
					484 Tone	15.00	
					996 Tone	15.00	
					26 Tone	5.00	
					52 Tone	8.00	
					106 Tone	11.00	



Ant 9\_Simultaneous with BT/2.4G WiFi/2G/3G/4G/5G NR\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX _ANT 9	802.11a	36	5180	6	-	13.50	Not Required
		40	5200		-	13.50	
		44	5220		-	13.50	
		48	5240		-	13.50	
	802.11n HT20	36	5180	MCS0	-	13.50	
		40	5200		-	13.50	
		44	5220		-	13.50	
		48	5240		-	13.50	
	802.11n HT40	38	5190	MCS0	-	16.50	
		46	5230		-	16.50	
	802.11ac VHT20	36	5180	MCS0	-	13.50	
		40	5200		-	13.50	
		44	5220		-	13.50	
		48	5240		-	13.50	
	802.11ac VHT40	38	5190	MCS0	-	16.50	
		46	5230		-	16.50	
	802.11ac VHT80	42	5210	MCS0	-	17.00	16.50
	802.11ax HE20	36	5180	MCS0	-	13.50	Not Required
		40	5200		-	13.50	
		44	5220		-	13.50	
		48	5240		-	13.50	
	802.11ax HE40	38	5190	MCS0	-	16.00	
		46	5230		-	16.00	
	802.11ax HE80	42	5210	MCS0	-	16.00	
802.11ax HE20	36	5180	MCS0	26 Tone	3.00		
				52 Tone	6.00		
				106 Tone	9.00		
				242 Tone	12.00		
	40	5200		26 Tone	3.00		
				52 Tone	6.00		
				106 Tone	9.00		
				242 Tone	12.00		
	44	5220		26 Tone	3.00		
				52 Tone	6.00		
				106 Tone	9.00		
				242 Tone	12.00		
	48	5240		26 Tone	3.00		
				52 Tone	6.00		
				106 Tone	9.00		
				242 Tone	12.00		





Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.2G WIFI _1TX _ANT 9	802.11ax HE40	38	5190	MCS0	26 Tone	3.00	Not Required
					52 Tone	6.00	
					106 Tone	9.00	
					242 Tone	12.00	
		484 Tone	13.00				
		26 Tone	3.00				
	46	5230	52 Tone	6.00			
			106 Tone	9.00			
	802.11ax HE80	42	5210	MCS0	242 Tone	12.00	
					484 Tone	13.00	
					26 Tone	3.00	
					52 Tone	6.00	
					106 Tone	9.00	
					242 Tone	12.00	
484 Tone	13.00						
				996 Tone	13.00		

Ant 7+Ant 9\_Receiver on &amp; off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	ANT 7 Average Power (dBm)	ANT 9 Average Power (dBm)	Max. Tune up	Total Average Power (dBm)
5.2G WIFI _2TX _ANT 7+ _ANT 9	802.11a	36	5180	6	-	-	18.50	Not Required
		40	5200		-	-	18.50	
		44	5220		-	-	18.50	
		48	5240		-	-	18.50	
	802.11n HT20	36	5180	MCS0	-	-	18.50	
		40	5200		-	-	18.50	
		44	5220		-	-	18.50	
		48	5240		-	-	18.50	
	802.11ac VHT20	36	5180	MCS0	-	-	18.50	
		40	5200		-	-	18.50	
		44	5220		-	-	18.50	
		48	5240		-	-	18.50	
	802.11ax HE20	36	5180	MCS0	-	-	18.50	
		40	5200		-	-	18.50	
		44	5220		-	-	18.50	
		48	5240		-	-	18.50	
	802.11n HT40	38	5190	MCS0	-	-	21.50	
		46	5230		-	-	21.50	
	802.11ac VHT40	38	5190	MCS0	-	-	21.50	
		46	5230		-	-	21.50	
802.11ax HE40	38	5190	MCS0	-	-	21.00		
	46	5230		-	-	21.00		
802.11ac VHT80	42	5210	MCS0	18.78	18.75	22.00	21.78	
802.11ax HE80	42	5210	MCS0	-	-	21.00	Not Required	

Note:

1) The tested channel results are marks in bold.

## 20. Conducted power measurement results of WiFi 5.3G

Ant 7\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.3G WIFI _1TX _ANT 7	802.11a	52	5260	6	-	14.00	Not Required
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11n HT20	52	5260	MCS0	-	14.00	
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11n HT40	54	5270	MCS0	-	16.50	
		62	5310		-	16.50	
	802.11ac VHT20	52	5260	MCS0	-	14.00	
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11ac VHT40	54	5270	MCS0	-	16.50	
		62	5310		-	16.50	
	802.11ac VHT80	58	5290	MCS0	-	16.50	16.45
	802.11ax HE20	52	5260	MCS0	-	14.00	Not Required
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11ax HE40	54	5270	MCS0	-	15.50	
		62	5310		-	15.50	
	802.11ax HE80	58	5290	MCS0	-	15.50	
	802.11ax HE20	52	5260	MCS0	26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
		56	5280		26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
60		5300	26 Tone		2.50		
			52 Tone		5.50		
			106 Tone		8.50		
			242 Tone		11.50		
64	5320	26 Tone	2.50				
		52 Tone	5.50				
		106 Tone	8.50				
		242 Tone	11.50				

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.3G WIFI _1TX _ANT 7	802.11ax HE40	54	5270	MCS0	26 Tone	2.50	Not Required
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
					484 Tone	12.50	
					26 Tone	2.50	
	62	5310	MCS0	52 Tone	5.50		
				106 Tone	8.50		
				242 Tone	11.50		
	802.11ax HE80	58	5290	MCS0	484 Tone	12.50	
					26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
					996 Tone	12.50	

Ant 7\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.3G WIFI _1TX _ANT 7	802.11a	52	5260	6	-	14.00	Not Required
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11n HT20	52	5260	MCS0	-	14.00	
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11n HT40	54	5270	MCS0	-	16.50	
		62	5310		-	16.50	
	802.11ac VHT20	52	5260	MCS0	-	14.00	
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11ac VHT40	54	5270	MCS0	-	16.50	
		62	5310		-	16.50	
	802.11ac VHT80	58	5290	MCS0	-	16.50	16.45
	802.11ax HE20	52	5260	MCS0	-	14.00	Not Required
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11ax HE40	54	5270	MCS0	-	15.50	
		62	5310		-	15.50	
	802.11ax HE80	58	5290	MCS0	-	15.50	
	802.11ax HE20	52	5260	MCS0	26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
56		5280	26 Tone		2.50		
			52 Tone		5.50		
			106 Tone		8.50		
			242 Tone		11.50		
60		5300	26 Tone		2.50		
			52 Tone		5.50		
			106 Tone		8.50		
			242 Tone		11.50		
64	5320	26 Tone	2.50				
		52 Tone	5.50				
		106 Tone	8.50				
		242 Tone	11.50				

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.3G WIFI _1TX _ANT 7	802.11ax HE40	54	5270	MCS0	26 Tone	2.50	Not Required
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
		484 Tone	12.50				
		62	5310		26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
	242 Tone			11.50			
	802.11ax HE80	58	5290	MCS0	484 Tone	12.50	
					26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
996 Tone					12.50		

Ant 9\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.3G WIFI _1TX _ANT 9	802.11a	52	5260	6	-	14.00	Not Required
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11n HT20	52	5260	MCS0	-	14.00	
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11n HT40	54	5270	MCS0	-	16.50	
		62	5310		-	16.50	
	802.11ac VHT20	52	5260	MCS0	-	14.00	
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11ac VHT40	54	5270	MCS0	-	16.50	
		62	5310		-	16.50	
	802.11ac VHT80	58	5290	MCS0	-	16.50	15.73
	802.11ax HE20	52	5260	MCS0	-	14.00	Not Required
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11ax HE40	54	5270	MCS0	-	15.50	
		62	5310		-	15.50	
	802.11ax HE80	58	5290	MCS0	-	15.50	
	802.11ax HE20	52	5260	MCS0	26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
56		5280	26 Tone		2.50		
			52 Tone		5.50		
			106 Tone		8.50		
			242 Tone		11.50		
60		5300	26 Tone		2.50		
			52 Tone		5.50		
			106 Tone		8.50		
			242 Tone		11.50		
64	5320	26 Tone	2.50				
		52 Tone	5.50				
		106 Tone	8.50				
		242 Tone	11.50				

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.3G WIFI _1TX _ANT 9	802.11ax HE40	54	5270	MCS0	26 Tone	2.50	Not Required
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
					484 Tone	12.50	
	802.11ax HE40	62	5310	MCS0	26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
					484 Tone	12.50	
	802.11ax HE80	58	5290	MCS0	26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
					484 Tone	12.50	
996 Tone					12.50		



Ant 9\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.3G WIFI _1TX _ANT 9	802.11a	52	5260	6	-	14.00	Not Required
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11n HT20	52	5260	MCS0	-	14.00	
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11n HT40	54	5270	MCS0	-	16.50	
		62	5310		-	16.50	
	802.11ac VHT20	52	5260	MCS0	-	14.00	
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11ac VHT40	54	5270	MCS0	-	16.50	
		62	5310		-	16.50	
	802.11ac VHT80	58	5290	MCS0	-	16.50	15.73
	802.11ax HE20	52	5260	MCS0	-	14.00	Not Required
		56	5280		-	14.00	
		60	5300		-	14.00	
		64	5320		-	14.00	
	802.11ax HE40	54	5270	MCS0	-	15.50	
		62	5310		-	15.50	
	802.11ax HE80	58	5290	MCS0	-	15.50	
	802.11ax HE20	52	5260	MCS0	26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
56		5280	26 Tone		2.50		
			52 Tone		5.50		
			106 Tone		8.50		
			242 Tone		11.50		
60		5300	26 Tone		2.50		
			52 Tone		5.50		
			106 Tone		8.50		
			242 Tone		11.50		
64	5320	26 Tone	2.50				
		52 Tone	5.50				
		106 Tone	8.50				
		242 Tone	11.50				

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.3G WIFI _1TX _ANT 9	802.11ax HE40	54	5270	MCS0	26 Tone	2.50	Not Required
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
					484 Tone	12.50	
	802.11ax HE40	62	5310	MCS0	26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
					484 Tone	12.50	
	802.11ax HE80	58	5290	MCS0	26 Tone	2.50	
					52 Tone	5.50	
					106 Tone	8.50	
					242 Tone	11.50	
					484 Tone	12.50	
					996 Tone	12.50	

Ant 7+Ant 9\_Receiver on &amp; off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	ANT 7 Average Power (dBm)	ANT 9 Average Power (dBm)	Max. Tune up	Total Average Power (dBm)
5.3G WIFI 2TX _ANT 7+ ANT 9	<b>802.11a</b>	52	5260	6	-	-	17.00	Not Required
		56	5280		-	-	17.00	
		60	5300		-	-	17.00	
		64	5320		-	-	17.00	
	<b>802.11n HT20</b>	52	5260	MCS0	-	-	17.00	
		56	5280		-	-	17.00	
		60	5300		-	-	17.00	
		64	5320		-	-	17.00	
	<b>802.11ac VHT20</b>	52	5260	MCS0	-	-	17.00	
		56	5280		-	-	17.00	
		60	5300		-	-	17.00	
		64	5320		-	-	17.00	
	<b>802.11ax HE20</b>	52	5260	MCS0	-	-	17.00	
		56	5280		-	-	17.00	
		60	5300		-	-	17.00	
		64	5320		-	-	17.00	
	<b>802.11n HT40</b>	54	5270	MCS0	-	-	19.50	
		62	5310		-	-	19.50	
	<b>802.11ac VHT40</b>	54	5270	MCS0	-	-	19.50	
		62	5310		-	-	19.50	
<b>802.11ax HE40</b>	54	5270	MCS0	-	-	18.50		
	62	5310		-	-	18.50		
<b>802.11ac VHT80</b>	58	5290	MCS0	16.45	15.73	19.50	19.12	
<b>802.11ax HE80</b>	58	5290	MCS0	-	-	18.50	Not Required	

Note:

1) The tested channel results are marks in bold.

## 21. Conducted power measurement results of WiFi 5.6G

Ant 7\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.6G WIFI _1TX _ANT 7	802.11a	100	5500	6	-	13.50	Not Required
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11n HT20	100	5500	MCS0	-	13.50	
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11n HT40	102	5510	MCS0	-	16.00	
		110	5550		-	16.00	
		118	5590		-	16.00	
		126	5630		-	16.00	
		134	5670		-	16.00	
	802.11ac VHT20	100	5500	MCS0	-	13.50	
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11ac VHT40	102	5510	MCS0	-	16.00	
		110	5550		-	16.00	
		118	5590		-	16.00	
126		5630	-		16.00		
134		5670	-		16.00		
802.11ac VHT80	106	5530	MCS0	-	16.00	15.59	
	122	5610		-	16.00	15.41	

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.6G WIFI _1TX _ANT 7	802.11ax HE20	100	5500	MCS0	-	13.50	Not Required
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11ax HE40	102	5510	MCS0	-	15.00	
		110	5550		-	15.00	
		118	5590		-	15.00	
		126	5630		-	15.00	
		134	5670		-	15.00	
	802.11ax HE80	106	5530	MCS0	-	15.00	
		122	5610		-	15.00	
	802.11ax HE20	100	5500	MCS0	26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		104	5520		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		108	5540		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		112	5560		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		116	5580		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
	132	5660	26 Tone	2.00			
			52 Tone	5.00			
			106 Tone	8.00			
			242 Tone	11.00			
	136	5680	26 Tone	2.00			
52 Tone			5.00				
106 Tone			8.00				
242 Tone			11.00				

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)			
5.6G WIFI _1TX _ANT 7	802.11ax HE20	140	5700	MCS0	26 Tone	2.00	Not Required			
					52 Tone	5.00				
					106 Tone	8.00				
					242 Tone	11.00				
	802.11ax HE40	102	5510	MCS0	26 Tone	2.00				
					52 Tone	5.00				
					106 Tone	8.00				
					242 Tone	11.00				
					484 Tone	12.00				
					110	5550		MCS0	26 Tone	2.00
									52 Tone	5.00
									106 Tone	8.00
		242 Tone	11.00							
		118	5590	MCS0	484 Tone	12.00				
					26 Tone	2.00				
					52 Tone	5.00				
					106 Tone	8.00				
		126	5630	MCS0	242 Tone	11.00				
					484 Tone	12.00				
					26 Tone	2.00				
					52 Tone	5.00				
		134	5670	MCS0	106 Tone	8.00				
					242 Tone	11.00				
					484 Tone	12.00				
	26 Tone				2.00					
	802.11ax HE80	106	5530	MCS0	52 Tone	5.00				
					106 Tone	8.00				
					242 Tone	11.00				
484 Tone					12.00					
996 Tone					12.00					
122					5610	MCS0	26 Tone	2.00		
							52 Tone	5.00		
							106 Tone	8.00		
		242 Tone	11.00							
						484 Tone	12.00			
						996 Tone	12.00			

Ant 7\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.6G WIFI _1TX _ANT 7	802.11a	100	5500	6	-	13.50	Not Required
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11n HT20	100	5500	MCS0	-	13.50	
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11n HT40	102	5510	MCS0	-	16.00	
		110	5550		-	16.00	
		118	5590		-	16.00	
		126	5630		-	16.00	
		134	5670		-	16.00	
	802.11ac VHT20	100	5500	MCS0	-	13.50	
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11ac VHT40	102	5510	MCS0	-	16.00	
110		5550	-		16.00		
118		5590	-		16.00		
126		5630	-		16.00		
134		5670	-		16.00		
802.11ac VHT80	106	5530	MCS0	-	16.00	15.59	
	122	5610		-	16.00	15.41	

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.6G WIFI _1TX _ANT 7	802.11ax HE20	100	5500	MCS0	-	13.50	Not Required
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11ax HE40	102	5510	MCS0	-	15.00	
		110	5550		-	15.00	
		118	5590		-	15.00	
		126	5630		-	15.00	
		134	5670		-	15.00	
	802.11ax HE80	106	5530	MCS0	-	15.00	
		122	5610		-	15.00	
	802.11ax HE20	100	5500	MCS0	26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		104	5520		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		108	5540		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		112	5560		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		116	5580		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		132	5660		26 Tone	2.00	
52 Tone					5.00		
106 Tone					8.00		
242 Tone					11.00		
136	5680	26 Tone	2.00				
		52 Tone	5.00				
		106 Tone	8.00				
		242 Tone	11.00				



Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)		
5.6G WIFI _1TX _ANT 7	802.11ax HE20	140	5700	MCS0	26 Tone	2.00	Not Required		
					52 Tone	5.00			
					106 Tone	8.00			
					242 Tone	11.00			
	802.11ax HE40	102	5510	MCS0	26 Tone	2.00			
					52 Tone	5.00			
					106 Tone	8.00			
					242 Tone	11.00			
					484 Tone	12.00			
					110	5550		26 Tone	2.00
								52 Tone	5.00
								106 Tone	8.00
		242 Tone	11.00						
		118	5590		484 Tone	12.00			
					26 Tone	2.00			
					52 Tone	5.00			
					106 Tone	8.00			
					242 Tone	11.00			
					126	5630		484 Tone	12.00
								26 Tone	2.00
								52 Tone	5.00
		106 Tone	8.00						
		242 Tone	11.00						
		134	5670					484 Tone	12.00
	26 Tone			2.00					
	52 Tone			5.00					
	106 Tone			8.00					
	242 Tone			11.00					
	802.11ax HE80			106	5530	484 Tone		12.00	
						996 Tone		12.00	
						122		5610	26 Tone
		52 Tone	5.00						
106 Tone		8.00							
242 Tone		11.00							
122		5610	484 Tone			12.00			
			996 Tone			12.00			

Ant 9\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.6G WIFI _1TX _ANT 9	802.11a	100	5500	6	-	13.50	Not Required
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11n HT20	100	5500	MCS0	-	13.50	
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11n HT40	102	5510	MCS0	-	16.00	
		110	5550		-	16.00	
		118	5590		-	16.00	
		126	5630		-	16.00	
		134	5670		-	16.00	
	802.11ac VHT20	100	5500	MCS0	-	13.50	
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11ac VHT40	102	5510	MCS0	-	16.00	
110		5550	-		16.00		
118		5590	-		16.00		
126		5630	-		16.00		
134		5670	-		16.00		
802.11ac VHT80	106	5530	MCS0	-	16.00	15.67	
	122	5610		-	16.00	15.18	

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.6G WIFI _1TX _ANT 9	802.11ax HE20	100	5500	MCS0	-	13.50	Not Required
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11ax HE40	102	5510	MCS0	-	15.00	
		110	5550		-	15.00	
		118	5590		-	15.00	
		126	5630		-	15.00	
		134	5670		-	15.00	
	802.11ax HE80	106	5530	MCS0	-	15.00	
		122	5610		-	15.00	
	802.11ax HE20	100	5500	MCS0	26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		104	5520		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		108	5540		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		112	5560		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		116	5580		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
	132	5660	26 Tone	2.00			
52 Tone			5.00				
106 Tone			8.00				
242 Tone			11.00				
136	5680	26 Tone	2.00				
		52 Tone	5.00				
		106 Tone	8.00				
		242 Tone	11.00				

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.6G WIFI _1TX _ANT 9	802.11ax HE20	140	5700	MCS0	26 Tone	2.00	Not Required
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
	802.11ax HE40	102	5510	MCS0	26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		110	5550	MCS0	484 Tone	12.00	
					26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
		118	5590	MCS0	242 Tone	11.00	
					484 Tone	12.00	
					26 Tone	2.00	
					52 Tone	5.00	
		126	5630	MCS0	106 Tone	8.00	
					242 Tone	11.00	
					484 Tone	12.00	
					26 Tone	2.00	
		134	5670	MCS0	52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
					484 Tone	12.00	
	802.11ax HE80	106	5530	MCS0	996 Tone	12.00	
					26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
		122	5610	MCS0	242 Tone	11.00	
					484 Tone	12.00	
					996 Tone	12.00	
					26 Tone	2.00	

Ant 9\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.6G WIFI _1TX_ ANT 9	802.11a	100	5500	6	-	13.50	Not Required
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11n HT20	100	5500	MCS0	-	13.50	
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11n HT40	102	5510	MCS0	-	16.00	
		110	5550		-	16.00	
		118	5590		-	16.00	
		126	5630		-	16.00	
		134	5670		-	16.00	
	802.11ac VHT20	100	5500	MCS0	-	13.50	
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11ac VHT40	102	5510	MCS0	-	16.00	
		110	5550		-	16.00	
		118	5590		-	16.00	
126		5630	-		16.00		
134		5670	-		16.00		
802.11ac VHT80	106	5530	MCS0	-	16.00	15.67	
	122	5610		-	16.00	15.18	

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.6G WIFI _1TX_ ANT 9	802.11ax HE20	100	5500	MCS0	-	13.50	Not Required
		104	5520		-	13.50	
		108	5540		-	13.50	
		112	5560		-	13.50	
		116	5580		-	13.50	
		132	5660		-	13.50	
		136	5680		-	13.50	
		140	5700		-	13.50	
	802.11ax HE40	102	5510	MCS0	-	15.00	
		110	5550		-	15.00	
		118	5590		-	15.00	
		126	5630		-	15.00	
		134	5670		-	15.00	
	802.11ax HE80	106	5530	MCS0	-	15.00	
		122	5610		-	15.00	
	802.11ax HE20	100	5500	MCS0	26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		104	5520		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		108	5540		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		112	5560		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		116	5580		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
	132	5660	26 Tone	2.00			
			52 Tone	5.00			
			106 Tone	8.00			
			242 Tone	11.00			
	136	5680	26 Tone	2.00			
			52 Tone	5.00			
			106 Tone	8.00			
			242 Tone	11.00			

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)		
5.6G WIFI _1TX_ ANT 9	802.11ax HE20	140	5700	MCS0	26 Tone	2.00	Not Required		
					52 Tone	5.00			
					106 Tone	8.00			
					242 Tone	11.00			
	802.11ax HE40	102	5510	MCS0	26 Tone	2.00			
					52 Tone	5.00			
					106 Tone	8.00			
					242 Tone	11.00			
					484 Tone	12.00			
					110	5550		26 Tone	2.00
								52 Tone	5.00
								106 Tone	8.00
		242 Tone	11.00						
		118	5590		484 Tone	12.00			
					26 Tone	2.00			
					52 Tone	5.00			
					106 Tone	8.00			
					242 Tone	11.00			
					126	5630		484 Tone	12.00
								26 Tone	2.00
								52 Tone	5.00
		106 Tone	8.00						
		134	5670		242 Tone	11.00			
					484 Tone	12.00			
	26 Tone			2.00					
	52 Tone			5.00					
	106 Tone			8.00					
	242 Tone			11.00					
	484 Tone			12.00					
	802.11ax HE80			106	5530	26 Tone		2.00	
		52 Tone	5.00						
		106 Tone	8.00						
242 Tone		11.00							
484 Tone		12.00							
996 Tone		12.00							
122		5610	26 Tone			2.00			
			52 Tone			5.00			
			106 Tone	8.00					
			242 Tone	11.00					
						484 Tone	12.00		
						996 Tone	12.00		

Ant 7+Ant 9\_Receiver on &amp; off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	ANT 7 Average Power (dBm)	ANT 9 Average Power (dBm)	Max. Tune up	Total Average Power (dBm)
5.6G WIFI 2TX ANT 7+ ANT 9	802.11a	100	5500	6	-	-	16.50	Not Required
		104	5520		-	-	16.50	
		108	5540		-	-	16.50	
		112	5560		-	-	16.50	
		116	5580		-	-	16.50	
		132	5660		-	-	16.50	
		136	5680		-	-	16.50	
		140	5700		-	-	16.50	
	802.11n HT20	100	5500	MCS0	-	-	16.50	
		104	5520		-	-	16.50	
		108	5540		-	-	16.50	
		112	5560		-	-	16.50	
		116	5580		-	-	16.50	
		132	5660		-	-	16.50	
		136	5680		-	-	16.50	
		140	5700		-	-	16.50	
	802.11ac VHT20	100	5500	MCS0	-	-	16.50	
		104	5520		-	-	16.50	
		108	5540		-	-	16.50	
		112	5560		-	-	16.50	
		116	5580		-	-	16.50	
		132	5660		-	-	16.50	
		136	5680		-	-	16.50	
		140	5700		-	-	16.50	
	802.11ax HE20	100	5500	MCS0	-	-	16.50	
		104	5520		-	-	16.50	
		108	5540		-	-	16.50	
		112	5560		-	-	16.50	
		116	5580		-	-	16.50	
		132	5660		-	-	16.50	
		136	5680		-	-	16.50	
		140	5700		-	-	16.50	
	802.11n HT40	102	5510	MCS0	-	-	19.00	
		110	5550		-	-	19.00	
		118	5590		-	-	19.00	
		126	5630		-	-	19.00	
		134	5670		-	-	19.00	



Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	ANT 7 Average Power (dBm)	ANT 9 Average Power (dBm)	Max. Tune up	Total Average Power (dBm)
5.6G WIFI 2TX ANT 7+ ANT 9	802.11ac VHT40	102	5510	MCS0	-	-	19.00	Not Required
		110	5550		-	-	19.00	
		118	5590		-	-	19.00	
		126	5630		-	-	19.00	
		134	5670		-	-	19.00	
	802.11ax HE40	102	5510	MCS0	-	-	18.00	
		110	5550		-	-	18.00	
		118	5590		-	-	18.00	
		126	5630		-	-	18.00	
		134	5670		-	-	18.00	
	802.11ac VHT80	106	5530	MCS0	15.59	15.67	19.00	18.64
		122	5610		15.41	15.18	19.00	18.31
	802.11ax HE80	106	5530	MCS0	-	-	18.00	Not Required
		122	5610		-	-	18.00	

Note:

1) The tested channel results are marks in bold.

## 22. Conducted power measurement results of WiFi 5.8G

Ant 7\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)	
5.8G WIFI _1TX_ _ANT 7	802.11a	149	5745	6	-	18.00	Not Required	
		153	5765		-	18.00		
		157	5785		-	18.00		
		161	5805		-	18.00		
		165	5825		-	18.00		
	802.11n HT20	149	5745	MCS0	-	18.00		
		153	5765		-	18.00		
		157	5785		-	18.00		
		161	5805		-	18.00		
		165	5825		-	18.00		
	802.11n HT40	151	5755	MCS0	-	18.00		
		159	5795		-	18.00		
	802.11ac VHT20	149	5745	MCS0	-	18.00		
		153	5765		-	18.00		
		157	5785		-	18.00		
		161	5805		-	18.00		
		165	5825		-	18.00		
	802.11ac VHT40	151	5755	MCS0	-	18.00		
		159	5795		-	18.00		
	802.11ac VHT80	155	5775	MCS0	-	18.00		17.89
	802.11ax HE20	149	5745	MCS0	-	17.00		
		153	5765		-	17.00		
		157	5785		-	17.00		
		161	5805		-	17.00		
		165	5825		-	17.00		
	802.11ax HE40	151	5755	MCS0	-	17.00		
		159	5795		-	17.00		
	802.11ax HE80	155	5775	MCS0	-	17.00		
802.11ax HE20	149	5745	MCS0	26 Tone	4.00			
				52 Tone	7.00			
				106 Tone	10.00			
				242 Tone	13.00			
	153	5765		26 Tone	4.00			
				52 Tone	7.00			
				106 Tone	10.00			
				242 Tone	13.00			
	157	5785		26 Tone	4.00			
				52 Tone	7.00			
				106 Tone	10.00			
				242 Tone	13.00			

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.8G WIFI _1TX_ ANT 7	802.11ax HE20	161	5805	MCS0	26 Tone	4.00	Not Required
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
		165	5825		26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
	802.11ax HE40	151	5755	MCS0	26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
		159	5795		484 Tone	14.00	
					26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
	802.11ax HE80	155	5775	MCS0	242 Tone	13.00	
					484 Tone	14.00	
					996 Tone	14.00	
					26 Tone	4.00	
52 Tone					7.00		
106 Tone					10.00		



Ant 7\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.8G WIFI _1TX ANT 7	802.11a	149	5745	6	-	18.00	Not Required
		153	5765		-	18.00	
		157	5785		-	18.00	
		161	5805		-	18.00	
		165	5825		-	18.00	
	802.11n HT20	149	5745	MCS0	-	18.00	
		153	5765		-	18.00	
		157	5785		-	18.00	
		161	5805		-	18.00	
		165	5825		-	18.00	
	802.11n HT40	151	5755	MCS0	-	18.00	
		159	5795		-	18.00	
	802.11ac VHT20	149	5745	MCS0	-	18.00	
		153	5765		-	18.00	
		157	5785		-	18.00	
		161	5805		-	18.00	
	802.11ac VHT40	161	5805	MCS0	-	18.00	
		165	5825		-	18.00	
		151	5755		-	18.00	
		159	5795		-	18.00	
	802.11ac VHT80	155	5775	MCS0	-	18.00	17.89
	802.11ax HE20	149	5745	MCS0	-	17.00	Not Required
		153	5765		-	17.00	
		157	5785		-	17.00	
		161	5805		-	17.00	
		165	5825		-	17.00	
	802.11ax HE40	151	5755	MCS0	-	17.00	
		159	5795		-	17.00	
	802.11ax HE80	155	5775	MCS0	-	17.00	
	802.11ax HE20	149	5745	MCS0	26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
242 Tone					13.00		
153		5765	26 Tone		4.00		
			52 Tone		7.00		
			106 Tone		10.00		
			242 Tone		13.00		
157		5785	26 Tone		4.00		
			52 Tone		7.00		
			106 Tone		10.00		
			242 Tone		13.00		



Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.8G WIFI _1TX_ ANT 7	802.11ax HE20	161	5805	MCS0	26 Tone	4.00	Not Required
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
		165	5825		26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
	802.11ax HE40	151	5755	MCS0	26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
		159	5795		484 Tone	14.00	
					26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
	802.11ax HE80	155	5775	MCS0	242 Tone	13.00	
					484 Tone	14.00	
					996 Tone	14.00	
					26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	

Ant 7\_Simultaneous with BT/2.4G WiFi/2G/3G/4G/5G NR\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.8G WIFI 1TX ANT 7	802.11a	149	5745	6	-	16.00	Not Required
		153	5765		-	16.00	
		157	5785		-	16.00	
		161	5805		-	16.00	
		165	5825		-	16.00	
	802.11n HT20	149	5745	MCS0	-	16.00	
		153	5765		-	16.00	
		157	5785		-	16.00	
		161	5805		-	16.00	
		165	5825		-	16.00	
	802.11n HT40	151	5755	MCS0	-	16.00	
		159	5795		-	16.00	
	802.11ac VHT20	149	5745	MCS0	-	16.00	
		153	5765		-	16.00	
		157	5785		-	16.00	
		161	5805		-	16.00	
		165	5825		-	16.00	
	802.11ac VHT40	151	5755	MCS0	-	16.00	
		159	5795		-	16.00	
	802.11ac VHT80	155	5775	MCS0	-	16.00	15.84
	802.11ax HE20	149	5745	MCS0	-	15.00	Not Required
		153	5765		-	15.00	
		157	5785		-	15.00	
		161	5805		-	15.00	
		165	5825		-	15.00	
	802.11ax HE40	151	5755	MCS0	-	15.00	
		159	5795		-	15.00	
	802.11ax HE80	155	5775	MCS0	-	15.00	
	802.11ax HE20	149	5745	MCS0	26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
153		5765	26 Tone		2.00		
			52 Tone		5.00		
			106 Tone		8.00		
			242 Tone		11.00		
157		5785	26 Tone		2.00		
			52 Tone		5.00		
			106 Tone		8.00		
			242 Tone		11.00		

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)		
5.8G WIFI _1TX_ ANT 7	802.11ax HE20	161	5805	MCS0	26 Tone	2.00	Not Required		
					52 Tone	5.00			
					106 Tone	8.00			
					242 Tone	11.00			
	802.11ax HE20	165	5825		MCS0	26 Tone		2.00	
						52 Tone		5.00	
						106 Tone		8.00	
						242 Tone		11.00	
	802.11ax HE40	151	5755	MCS0		26 Tone		2.00	
						52 Tone		5.00	
						106 Tone		8.00	
						242 Tone		11.00	
		802.11ax HE40	159		5795	MCS0		484 Tone	12.00
								26 Tone	2.00
								52 Tone	5.00
								106 Tone	8.00
	802.11ax HE80	155	5775	MCS0	242 Tone			11.00	
					484 Tone			12.00	
					996 Tone			12.00	
					26 Tone			2.00	
52 Tone					5.00				
106 Tone					8.00				

Ant 7\_Simultaneous with BT/2.4G WiFi/2G/3G/4G/5G NR\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.8G WIFI 1TX ANT 7	802.11a	149	5745	6	-	16.00	Not Required
		153	5765		-	16.00	
		157	5785		-	16.00	
		161	5805		-	16.00	
		165	5825		-	16.00	
	802.11n HT20	149	5745	MCS0	-	16.00	
		153	5765		-	16.00	
		157	5785		-	16.00	
		161	5805		-	16.00	
		165	5825		-	16.00	
	802.11n HT40	151	5755	MCS0	-	16.00	
		159	5795		-	16.00	
	802.11ac VHT20	149	5745	MCS0	-	16.00	
		153	5765		-	16.00	
		157	5785		-	16.00	
		161	5805		-	16.00	
		165	5825		-	16.00	
	802.11ac VHT40	151	5755	MCS0	-	16.00	
		159	5795		-	16.00	
	802.11ac VHT80	155	5775	MCS0	-	16.00	15.84
	802.11ax HE20	149	5745	MCS0	-	15.00	Not Required
		153	5765		-	15.00	
		157	5785		-	15.00	
		161	5805		-	15.00	
		165	5825		-	15.00	
	802.11ax HE40	151	5755	MCS0	-	15.00	
		159	5795		-	15.00	
	802.11ax HE80	155	5775	MCS0	-	15.00	
	802.11ax HE20	149	5745	MCS0	26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
153		5765	26 Tone		2.00		
			52 Tone		5.00		
			106 Tone		8.00		
			242 Tone		11.00		
157		5785	26 Tone		2.00		
			52 Tone		5.00		
			106 Tone		8.00		
			242 Tone		11.00		



Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.8G WIFI _1TX_ ANT 7	802.11ax HE20	161	5805	MCS0	26 Tone	2.00	Not Required
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		165	5825		26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
	802.11ax HE40	151	5755	MCS0	26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
					242 Tone	11.00	
		159	5795		484 Tone	12.00	
					26 Tone	2.00	
					52 Tone	5.00	
					106 Tone	8.00	
	802.11ax HE80	155	5775	MCS0	242 Tone	11.00	
					484 Tone	12.00	
					996 Tone	12.00	
					26 Tone	2.00	
52 Tone					5.00		
106 Tone					8.00		



Ant 9\_Receiver on

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.8G WIFI _1TX_ ANT 9	802.11a	149	5745	6	-	18.00	Not Required
		153	5765		-	18.00	
		157	5785		-	18.00	
		161	5805		-	18.00	
		165	5825		-	18.00	
	802.11n HT20	149	5745	MCS0	-	18.00	
		153	5765		-	18.00	
		157	5785		-	18.00	
		161	5805		-	18.00	
		165	5825		-	18.00	
	802.11n HT40	151	5755	MCS0	-	18.00	
		159	5795		-	18.00	
	802.11ac VHT20	149	5745	MCS0	-	18.00	
		153	5765		-	18.00	
		157	5785		-	18.00	
		161	5805		-	18.00	
	802.11ac VHT40	151	5755	MCS0	-	18.00	
		159	5795		-	18.00	
	802.11ac VHT80	155	5775	MCS0	-	18.00	17.33
	802.11ax HE20	149	5745	MCS0	-	17.00	Not Required
		153	5765		-	17.00	
		157	5785		-	17.00	
		161	5805		-	17.00	
		165	5825		-	17.00	
	802.11ax HE40	151	5755	MCS0	-	17.00	
		159	5795		-	17.00	
	802.11ax HE80	155	5775	MCS0	-	17.00	
	802.11ax HE20	149	5745	MCS0	26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
242 Tone					13.00		
153		5765	26 Tone		4.00		
			52 Tone		7.00		
			106 Tone		10.00		
			242 Tone		13.00		
157		5785	26 Tone		4.00		
			52 Tone		7.00		
			106 Tone		10.00		
			242 Tone		13.00		



Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.8G WIFI _1TX_ ANT 9	802.11ax HE20	161	5805	MCS0	26 Tone	4.00	Not Required
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
	26 Tone	4.00					
	52 Tone	7.00					
	106 Tone	10.00					
	242 Tone	13.00					
	802.11ax HE40	151	5755	MCS0	26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
		484 Tone	14.00				
		159	5795		26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
	242 Tone			13.00			
	802.11ax HE80	155	5775	MCS0	484 Tone	14.00	
					996 Tone	14.00	
					26 Tone	4.00	
52 Tone					7.00		
106 Tone					10.00		
242 Tone					13.00		

Ant 9\_Receiver off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.8G WIFI 1TX ANT 9	802.11a	149	5745	6	-	18.00	Not Required
		153	5765		-	18.00	
		157	5785		-	18.00	
		161	5805		-	18.00	
		165	5825		-	18.00	
	802.11n HT20	149	5745	MCS0	-	18.00	
		153	5765		-	18.00	
		157	5785		-	18.00	
		161	5805		-	18.00	
		165	5825		-	18.00	
	802.11n HT40	151	5755	MCS0	-	18.00	
		159	5795		-	18.00	
	802.11ac VHT20	149	5745	MCS0	-	18.00	
		153	5765		-	18.00	
		157	5785		-	18.00	
		161	5805		-	18.00	
		165	5825		-	18.00	
	802.11ac VHT40	151	5755	MCS0	-	18.00	
		159	5795		-	18.00	
	802.11ac VHT80	155	5775	MCS0	-	18.00	17.33
	802.11ax HE20	149	5745	MCS0	-	17.00	Not Required
		153	5765		-	17.00	
		157	5785		-	17.00	
		161	5805		-	17.00	
		165	5825		-	17.00	
	802.11ax HE40	151	5755	MCS0	-	17.00	
		159	5795		-	17.00	
	802.11ax HE80	155	5775	MCS0	-	17.00	
	802.11ax HE20	149	5745	MCS0	26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
153		5765	26 Tone		4.00		
			52 Tone		7.00		
			106 Tone		10.00		
			242 Tone		13.00		
157		5785	26 Tone		4.00		
			52 Tone		7.00		
			106 Tone		10.00		
			242 Tone		13.00		

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	RU Setting (Tone)	Max. Tune-up	Average Power (dBm)
5.8G WIFI _1TX_ ANT 9	802.11ax HE20	161	5805	MCS0	26 Tone	4.00	Not Required
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
		165	5825		26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
	802.11ax HE40	151	5755	MCS0	26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
					242 Tone	13.00	
		159	5795		484 Tone	14.00	
					26 Tone	4.00	
					52 Tone	7.00	
					106 Tone	10.00	
	802.11ax HE80	155	5775	MCS0	242 Tone	13.00	
					484 Tone	14.00	
					996 Tone	14.00	
					26 Tone	4.00	
52 Tone					7.00		
106 Tone					10.00		

Ant 7+Ant 9\_Receiver on &amp; off

Band	Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	ANT 7 Average Power (dBm)	ANT 9 Average Power (dBm)	Max. Tune up	Total Average Power (dBm)
5.8G WIFI _2TX_ ANT 7+ ANT 9	802.11a	149	5745	6	-	-	21.00	Not Required
		153	5765		-	-	21.00	
		157	5785		-	-	21.00	
		161	5805		-	-	21.00	
		165	5825		-	-	21.00	
	802.11n HT20	149	5745	MCS0	-	-	21.00	
		153	5765		-	-	21.00	
		157	5785		-	-	21.00	
		161	5805		-	-	21.00	
		165	5825		-	-	21.00	
	802.11ac VHT20	149	5745	MCS0	-	-	21.00	
		153	5765		-	-	21.00	
		157	5785		-	-	21.00	
		161	5805		-	-	21.00	
		165	5825		-	-	21.00	
	802.11ax HE20	149	5745	MCS0	-	-	20.00	
		153	5765		-	-	20.00	
		157	5785		-	-	20.00	
		161	5805		-	-	20.00	
		165	5825		-	-	20.00	
802.11n HT40	151	5755	MCS0	-	-	21.00		
	159	5795		-	-	21.00		
802.11ac VHT40	151	5755	MCS0	-	-	21.00		
	159	5795		-	-	21.00		
802.11ax HE40	151	5755	MCS0	-	-	20.00		
	159	5795		-	-	20.00		
802.11ac VHT80	155	5775	MCS0	17.89	17.33	21.00	20.63	
802.11ax HE80	155	5775	MCS0	-	-	20.00	Not Required	

Note:

1) The tested channel results are marks in bold.