

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649668	Mid CH 656000	High CH 662332	Max. Tune-up (dBm)
					Frequency 3745MHz	Frequency 3840MHz	Frequency 3935MHz	
90M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.59	23.30	23.20	23
			1	244	22.88	22.64	22.54	23
			2	0	23.64	23.47	23.34	23
			2	243	22.92	22.77	22.62	23
			240	0	23.61	23.45	23.24	24
		Inner	1	1	26.60	26.30	26.34	24
			1	243	25.98	25.72	25.62	24
			120	60	26.08	25.79	25.71	24
		DFT-s-OFDM QPSK	Outer	1	0	23.53	23.34	23.31
	1			244	22.89	22.70	22.58	23
	2			0	23.68	23.32	23.40	23
	2			243	22.92	22.77	22.57	23
	240			0	23.63	23.32	23.30	24
	Inner		1	1	26.68	26.41	26.26	24
			1	243	25.94	25.75	25.67	24
			120	60	26.04	25.77	25.73	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.67	23.48	23.36
		1		244	23.00	22.72	22.65	23
		2		0	23.58	23.34	23.23	23
		2		243	23.01	22.86	22.62	23
		240		0	23.63	23.29	23.27	24
		Inner	1	1	26.38	26.20	26.04	24
			1	243	25.83	25.53	25.49	24
			120	60	26.03	25.87	25.72	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.83	23.54	23.54
	1			244	23.19	22.91	22.80	23
	2			0	23.41	23.17	23.20	23
	2			243	22.96	22.62	22.55	23
	240			0	23.54	23.33	23.24	24
	Inner		1	1	26.34	25.98	25.98	24
			1	243	25.69	25.34	25.36	24
			120	60	26.09	25.86	25.72	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.16	22.98	22.85
		1		244	22.45	22.27	22.18	23
		2		0	23.71	23.36	23.30	23
		2		243	22.97	22.76	22.69	23
		240		0	23.57	23.31	23.18	24
		Inner	1	1	26.17	25.93	25.80	24
			1	243	25.45	25.15	25.14	24
			120	60	26.14	25.96	25.74	24

BW	MCS Index	RB	RB Size	RB Offset	Low CH 650000	Mid CH 656000	High CH 662000	Max. Tune-up (dBm)
					Frequency 3750MHz	Frequency 3840MHz	Frequency 3930MHz	
100M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.60	23.34	23.28	23
			1	272	22.92	22.67	22.60	23
			2	0	23.66	23.48	23.38	23
			2	271	22.98	22.82	22.63	23
			270	0	23.62	23.47	23.29	24
		Inner	1	1	26.68	26.37	26.36	24
			1	271	25.99	25.76	25.65	24
			135	67	26.11	25.80	25.77	24
		DFT-s-OFDM QPSK	Outer	1	0	23.57	23.39	23.33
	1			272	22.95	22.72	22.61	23
	2			0	23.70	23.40	23.41	23
	2			271	23.00	22.81	22.62	23
	270			0	23.66	23.38	23.32	24
	Inner		1	1	26.69	26.46	26.34	24
			1	271	26.00	25.78	25.71	24
			135	67	26.06	25.84	25.78	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.73	23.56	23.38
		1		272	23.01	22.74	22.73	23
		2		0	23.65	23.42	23.29	23
		2		271	23.03	22.87	22.66	23
		270		0	23.65	23.37	23.28	24
		Inner	1	1	26.46	26.24	26.09	24
			1	271	25.85	25.61	25.50	24
			135	67	26.11	25.91	25.77	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.86	23.60	23.56
	1			272	23.21	22.98	22.85	23
	2			0	23.47	23.25	23.22	23
	2			271	22.97	22.64	22.63	23
	270			0	23.61	23.41	23.30	24
	Inner		1	1	26.37	26.04	26.00	24
			1	271	25.71	25.41	25.41	24
			135	67	26.15	25.94	25.74	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.18	23.06	22.86
		1		272	22.53	22.31	22.23	23
		2		0	23.73	23.44	23.31	23
		2		271	23.05	22.80	22.74	23
		270		0	23.60	23.37	23.20	24
		Inner	1	1	26.19	26.00	25.85	24
			1	271	25.51	25.23	25.16	24
			135	67	26.15	25.98	25.82	24



**BUREAU  
VERITAS**

Test Report No.: W7L-P22020005RF03

**N77 C-HPUE LTE5**

BW	MCS Index	RB	RB Size	RB Offset	Low CH 647334	Mid CH 656000	High CH 664666	Max. Tune-up (dBm)
					Frequency 3710MHz	Frequency 3840MHz	Frequency 3970MHz	
20M	CP-OFDM QPSK	Outer	1	0	23.92	23.68	23.73	23
			1	50	23.24	23.12	23.03	23
			2	0	24.10	24.00	23.89	23
			2	49	23.30	23.16	23.15	23
			51	0	24.07	23.93	23.80	23
		Inner	1	1	25.26	24.99	24.98	24
			1	49	24.31	24.22	24.13	24
			25	12	24.57	24.42	24.34	24
		CP-OFDM 16QAM	Outer	1	0	24.16	23.95	24.04
	1			50	23.48	23.34	23.26	23
	2			0	24.04	23.80	23.91	23
	2			49	23.39	23.29	23.11	23
	51			0	24.06	23.87	23.89	23
	Inner		1	1	24.99	24.74	24.69	24
			1	49	24.11	24.06	24.08	24
			25	12	24.62	24.45	24.36	24
	CP-OFDM 64QAM		Outer	1	0	24.21	24.07	23.93
		1		50	23.50	23.33	23.36	23
		2		0	24.05	23.80	23.79	23
		2		49	23.25	23.06	23.07	23
		51		0	23.63	23.38	23.39	23
		Inner	1	1	24.69	24.59	24.41	23
			1	49	24.58	24.33	24.35	23
			25	12	24.30	24.29	24.14	23
		CP-OFDM 256QAM	Outer	1	0	22.41	22.27	22.23
	1			50	22.36	22.23	22.17	20
	2			0	22.35	22.25	22.22	20
	2			49	22.34	22.11	22.08	20
	51			0	22.59	22.39	22.29	20
	Inner		1	1	23.50	23.29	23.30	20
			1	49	23.41	23.21	23.10	20
			25	12	23.51	23.37	23.33	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 647668	Mid CH 656000	High CH 664332	Max. Tune-up (dBm)
					Frequency 3715MHz	Frequency 3840MHz	Frequency 3965MHz	
30M	CP-OFDM QPSK	Outer	1	0	23.89	23.72	23.69	23
			1	77	23.18	23.12	23.09	23
			2	0	24.12	23.98	23.88	23
			2	76	23.24	23.22	23.15	23
			78	0	24.09	23.96	23.81	23
		Inner	1	1	25.21	24.99	25.01	24
			1	76	24.31	24.25	24.17	24
			39	19	24.51	24.41	24.33	24
		CP-OFDM 16QAM	Outer	1	0	24.16	23.95	24.03
	1			77	23.48	23.32	23.23	23
	2			0	24.00	23.86	23.86	23
	2			76	23.42	23.25	23.15	23
	78			0	24.05	23.88	23.86	23
	Inner		1	1	24.95	24.73	24.72	24
			1	76	24.16	24.12	24.02	24
			39	19	24.58	24.39	24.38	24
	CP-OFDM 64QAM		Outer	1	0	24.27	24.09	23.97
		1		77	23.48	23.32	23.33	23
		2		0	24.05	23.79	23.82	23
		2		76	23.26	23.06	23.08	23
		78		0	23.57	23.42	23.35	23
		Inner	1	1	24.74	24.57	24.44	23
			1	76	24.58	24.34	24.31	23
			39	19	24.30	24.32	24.17	23
		CP-OFDM 256QAM	Outer	1	0	22.40	22.28	22.17
	1			77	22.30	22.29	22.20	20
	2			0	22.36	22.28	22.20	20
	2			76	22.33	22.05	22.15	20
	78			0	22.59	22.39	22.29	20
	Inner		1	1	23.50	23.29	23.30	20
			1	76	23.41	23.21	23.10	20
			39	19	23.51	23.37	23.33	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 648000	Mid CH 656000	High CH 664000	Max. Tune-up (dBm)
					Frequency 3720MHz	Frequency 3840MHz	Frequency 3960MHz	
40M	CP-OFDM QPSK	Outer	1	0	23.91	23.66	23.74	23
			1	105	23.22	23.11	23.07	23
			2	0	24.15	23.99	23.91	23
			2	104	23.27	23.22	23.14	23
			106	0	24.11	23.96	23.81	23
		Inner	1	1	25.20	24.99	24.98	24
			1	104	24.34	24.27	24.18	24
			53	26	24.58	24.37	24.35	24
	CP-OFDM 16QAM	Outer	1	0	24.13	24.01	24.01	23
			1	105	23.54	23.35	23.25	23
			2	0	23.98	23.87	23.90	23
			2	104	23.43	23.28	23.08	23
			106	0	24.03	23.91	23.88	23
		Inner	1	1	24.96	24.73	24.73	24
			1	104	24.14	24.10	24.04	24
			53	26	24.56	24.42	24.42	24
	CP-OFDM 64QAM	Outer	1	0	24.20	24.13	23.93	23
			1	105	23.51	23.31	23.37	23
			2	0	23.99	23.81	23.77	23
			2	104	23.30	23.10	23.07	23
			106	0	23.57	23.45	23.38	23
		Inner	1	1	24.75	24.57	24.38	23
			1	104	24.59	24.39	24.28	23
			53	26	24.33	24.25	24.15	23
	CP-OFDM 256QAM	Outer	1	0	22.43	22.31	22.17	20
			1	105	22.33	22.22	22.18	20
			2	0	22.39	22.30	22.18	20
			2	104	22.30	22.11	22.09	20
			106	0	22.53	22.38	22.35	20
		Inner	1	1	23.48	23.25	23.31	20
			1	104	23.36	23.17	23.12	20
			53	26	23.49	23.40	23.28	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 648334	Mid CH 656000	High CH 663666	Max. Tune-up (dBm)
					Frequency 3725MHz	Frequency 3840MHz	Frequency 3955MHz	
50M	CP-OFDM QPSK	Outer	1	0	23.90	23.67	23.70	23
			1	132	23.23	23.09	23.09	23
			2	0	24.11	23.95	23.92	23
			2	131	23.28	23.18	23.15	23
			133	0	24.05	24.00	23.77	23
		Inner	1	1	25.23	24.96	25.05	24
			1	131	24.32	24.28	24.14	24
			67	33	24.52	24.38	24.36	24
	CP-OFDM 16QAM	Outer	1	0	24.10	24.01	24.00	23
			1	132	23.54	23.30	23.29	23
			2	0	23.98	23.82	23.84	23
			2	131	23.41	23.31	23.10	23
			133	0	24.02	23.88	23.89	23
		Inner	1	1	24.99	24.76	24.70	24
			1	131	24.12	24.12	24.02	24
			67	33	24.61	24.42	24.40	24
	CP-OFDM 64QAM	Outer	1	0	24.20	24.13	23.93	23
			1	132	23.47	23.31	23.31	23
			2	0	24.05	23.81	23.76	23
			2	131	23.26	23.12	23.07	23
			133	0	23.63	23.41	23.32	23
		Inner	1	1	24.71	24.56	24.40	23
			1	131	24.58	24.36	24.29	23
			67	33	24.30	24.31	24.13	23
	CP-OFDM 256QAM	Outer	1	0	22.42	22.32	22.18	20
			1	132	22.30	22.25	22.14	20
			2	0	22.38	22.32	22.16	20
			2	131	22.30	22.06	22.11	20
			133	0	22.58	22.35	22.35	20
		Inner	1	1	23.49	23.24	23.35	20
			1	131	23.42	23.20	23.06	20
			67	33	23.50	23.34	23.28	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 648668	Mid CH 656000	High CH 663332	Max. Tune-up (dBm)
					Frequency 3730MHz	Frequency 3840MHz	Frequency 3950MHz	
60M	CP-OFDM QPSK	Outer	1	0	23.89	23.72	23.69	23
			1	161	23.18	23.12	23.09	23
			2	0	24.12	23.98	23.88	23
			2	160	23.24	23.22	23.15	23
		162	0	24.09	23.96	23.81	23	
		Inner	1	1	25.21	24.99	25.01	24
			1	160	24.31	24.25	24.17	24
			81	40	24.51	24.41	24.33	24
	CP-OFDM 16QAM	Outer	1	0	24.16	23.95	24.03	23
			1	161	23.48	23.32	23.23	23
			2	0	24.00	23.86	23.86	23
			2	160	23.42	23.25	23.15	23
		162	0	24.05	23.88	23.86	23	
		Inner	1	1	24.95	24.73	24.72	24
			1	160	24.16	24.12	24.02	24
			81	40	24.58	24.39	24.38	24
	CP-OFDM 64QAM	Outer	1	0	24.27	24.09	23.97	23
			1	161	23.48	23.32	23.33	23
			2	0	24.05	23.79	23.82	23
			2	160	23.26	23.06	23.08	23
		162	0	23.57	23.42	23.35	23	
		Inner	1	1	24.74	24.57	24.44	23
			1	160	24.58	24.34	24.31	23
			81	40	24.30	24.32	24.17	23
	CP-OFDM 256QAM	Outer	1	0	22.40	22.28	22.17	20
			1	161	22.30	22.29	22.20	20
			2	0	22.36	22.28	22.20	20
			2	160	22.33	22.05	22.15	20
		162	0	22.59	22.39	22.29	20	
		Inner	1	1	23.50	23.29	23.30	20
			1	160	23.41	23.21	23.10	20
			81	40	23.51	23.37	23.33	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649000	Mid CH 656000	High CH 663000	Max. Tune-up (dBm)
					Frequency 3735MHz	Frequency 3840MHz	Frequency 3945MHz	
70M	CP-OFDM QPSK	Outer	1	0	23.92	23.68	23.73	23
			1	188	23.24	23.12	23.03	23
			2	0	24.10	24.00	23.89	23
			2	187	23.30	23.16	23.15	23
			189	0	24.07	23.93	23.80	23
		Inner	1	1	25.26	24.99	24.98	24
			1	187	24.31	24.22	24.13	24
			95	47	24.57	24.42	24.34	24
		CP-OFDM 16QAM	Outer	1	0	24.16	23.95	24.04
	1			188	23.48	23.34	23.26	23
	2			0	24.04	23.80	23.91	23
	2			187	23.39	23.29	23.11	23
	189			0	24.06	23.87	23.89	23
	Inner		1	1	24.99	24.74	24.69	24
			1	187	24.11	24.06	24.08	24
			95	47	24.62	24.45	24.36	24
	CP-OFDM 64QAM		Outer	1	0	24.21	24.07	23.93
		1		188	23.50	23.33	23.36	23
		2		0	24.05	23.80	23.79	23
		2		187	23.25	23.06	23.07	23
		189		0	23.63	23.45	23.36	23
		Inner	1	1	24.71	24.58	24.45	23
			1	187	24.59	24.39	24.31	23
			95	47	24.30	24.26	24.17	23
		CP-OFDM 256QAM	Outer	1	0	22.43	22.29	22.22
	1			188	22.35	22.29	22.16	20
	2			0	22.34	22.25	22.18	20
	2			187	22.32	22.07	22.14	20
	189			0	22.58	22.36	22.32	20
	Inner		1	1	23.48	23.24	23.34	20
			1	187	23.41	23.14	23.13	20
			95	47	23.49	23.38	23.29	20



BW	MCS Index	RB	RB Size	RB Offset	Low CH 649334	Mid CH 656000	High CH 662666	Max. Tune-up (dBm)
					Frequency 3740MHz	Frequency 3840MHz	Frequency 3940MHz	
80M	CP-OFDM QPSK	Outer	1	0	23.90	23.67	23.70	23
			1	216	23.23	23.09	23.09	23
			2	0	24.11	23.95	23.92	23
			2	215	23.28	23.18	23.15	23
			217	0	24.05	24.00	23.77	23
		Inner	1	1	25.23	24.96	25.05	24
			1	215	24.32	24.28	24.14	24
			109	54	24.52	24.38	24.36	24
		CP-OFDM 16QAM	Outer	1	0	24.10	24.01	24.00
	1			216	23.54	23.30	23.29	23
	2			0	23.98	23.82	23.84	23
	2			215	23.41	23.31	23.10	23
	217			0	24.02	23.88	23.89	23
	Inner		1	1	24.95	24.74	24.69	24
			1	215	24.10	24.09	24.08	24
			109	54	24.55	24.45	24.38	24
	CP-OFDM 64QAM		Outer	1	0	24.20	24.14	23.97
		1		216	23.49	23.34	23.30	23
		2		0	23.99	23.86	23.82	23
		2		215	23.27	23.09	23.01	23
		217		0	23.59	23.44	23.37	23
		Inner	1	1	24.71	24.56	24.41	23
			1	215	24.53	24.36	24.34	23
			109	54	24.30	24.31	24.13	23
		CP-OFDM 256QAM	Outer	1	0	22.36	22.32	22.23
	1			216	22.34	22.25	22.14	20
	2			0	22.33	22.32	22.22	20
	2			215	22.30	22.08	22.12	20
	217			0	22.58	22.35	22.36	20
	Inner		1	1	23.46	23.28	23.31	20
			1	215	23.40	23.16	23.12	20
			109	54	23.55	23.35	23.29	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649668	Mid CH 656000	High CH 662332	Max. Tune-up (dBm)
					Frequency 3745MHz	Frequency 3840MHz	Frequency 3935MHz	
90M	CP-OFDM QPSK	Outer	1	0	23.94	23.70	23.67	23
			1	244	23.21	23.14	23.05	23
			2	0	24.14	24.02	23.89	23
			2	243	23.26	23.18	23.19	23
		245	0	24.12	23.99	23.77	23	
		Inner	1	1	25.19	24.94	25.04	24
			1	243	24.37	24.26	24.16	24
	123		61	24.56	24.42	24.32	24	
	CP-OFDM 16QAM	Outer	1	0	24.14	23.98	24.03	23
			1	244	23.50	23.36	23.28	23
			2	0	24.04	23.80	23.91	23
			2	243	23.39	23.29	23.11	23
		245	0	24.06	23.87	23.89	23	
		Inner	1	1	25.00	24.76	24.66	24
			1	243	24.11	24.11	24.06	24
	123		61	24.61	24.40	24.39	24	
	CP-OFDM 64QAM	Outer	1	0	24.22	24.07	23.97	23
			1	244	23.52	23.37	23.30	23
			2	0	24.00	23.79	23.78	23
			2	243	23.29	23.13	23.05	23
		245	0	23.63	23.38	23.39	23	
		Inner	1	1	24.69	24.59	24.41	23
			1	243	24.58	24.33	24.35	23
	123		61	24.30	24.29	24.14	23	
	CP-OFDM 256QAM	Outer	1	0	22.41	22.27	22.23	20
			1	244	22.36	22.23	22.17	20
			2	0	22.35	22.25	22.22	20
			2	243	22.34	22.11	22.08	20
		245	0	22.53	22.35	22.31	20	
		Inner	1	1	23.51	23.26	23.34	20
			1	243	23.41	23.15	23.09	20
	123		61	23.51	23.34	23.32	20	



Test Report No.: W7L-P22020005RF03

BW	MCS Index	RB	RB Size	RB Offset	Low CH 650000	Mid CH 656000	High CH 662000	Max. Tune-up (dBm)
					Frequency 3750MHz	Frequency 3840MHz	Frequency 3930MHz	
100M	CP-OFDM QPSK	Outer	1	0	23.95	23.74	23.75	23
			1	272	23.25	23.17	23.11	23
			2	0	24.16	24.03	23.93	23
			2	271	23.32	23.23	23.20	23
			273	0	24.13	24.01	23.82	23
		Inner	1	1	25.27	25.01	25.06	24
			1	271	24.38	24.30	24.19	24
			137	68	24.59	24.43	24.38	24
	CP-OFDM 16QAM	Outer	1	0	24.18	24.03	24.05	23
			1	272	23.56	23.38	23.31	23
			2	0	24.06	23.88	23.92	23
			2	271	23.47	23.33	23.16	23
			273	0	24.09	23.93	23.91	23
		Inner	1	1	25.01	24.81	24.74	24
			1	271	24.17	24.14	24.10	24
			137	68	24.63	24.47	24.44	24
	CP-OFDM 64QAM	Outer	1	0	24.28	24.15	23.99	23
			1	272	23.53	23.39	23.38	23
			2	0	24.07	23.87	23.84	23
			2	271	23.31	23.14	23.09	23
			273	0	23.65	23.46	23.40	23
		Inner	1	1	24.77	24.63	24.46	23
			1	271	24.60	24.41	24.36	23
			137	68	24.38	24.33	24.19	23
	CP-OFDM 256QAM	Outer	1	0	22.44	22.33	22.25	20
			1	272	22.38	22.30	22.22	20
			2	0	22.41	22.33	22.24	20
			2	271	22.35	22.13	22.16	20
			273	0	22.60	22.43	22.37	20
		Inner	1	1	23.54	23.32	23.36	20
			1	271	23.43	23.22	23.14	20
			137	68	23.57	23.42	23.34	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 647334	Mid CH 656000	High CH 664666	Max. Tune-up (dBm)
					Frequency 3710MHz	Frequency 3840MHz	Frequency 3970MHz	
20M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.52	23.24	23.21	23
			1	50	22.78	22.60	22.50	23
			2	0	23.60	23.41	23.26	23
			2	49	22.83	22.68	22.59	23
			50	0	23.59	23.36	23.23	24
		Inner	1	1	26.66	26.25	26.26	24
			1	49	25.81	25.61	25.55	24
			25	12	26.04	25.80	25.68	24
	DFT-s-OFDM QPSK	Outer	1	0	23.48	23.26	23.27	23
			1	50	22.86	22.63	22.55	23
			2	0	23.62	23.24	23.38	23
			2	49	22.90	22.76	22.53	23
			50	0	23.57	23.27	23.29	24
		Inner	1	1	26.70	26.32	26.25	24
			1	49	25.87	25.60	25.67	24
			25	12	26.09	25.83	25.64	24
	DFT-s-OFDM 16QAM	Outer	1	0	23.63	23.42	23.29	23
			1	50	22.92	22.64	22.64	23
			2	0	23.65	23.34	23.24	23
			2	49	22.97	22.69	22.63	23
			50	0	23.56	23.27	23.23	24
		Inner	2	49	26.38	26.17	25.99	24
			25	12	25.83	25.46	25.41	24
			50	0	25.92	25.80	25.68	24
	DFT-s-OFDM 64QAM	Outer	1	0	23.79	23.56	23.42	23
			1	50	23.07	22.85	22.77	23
			2	0	23.38	23.17	23.14	23
			2	49	22.91	22.55	22.50	23
			50	0	23.63	23.34	23.17	24
		Inner	1	1	26.21	25.93	25.95	24
			1	49	25.73	25.42	25.28	24
			25	12	26.02	25.82	25.69	24
	DFT-s-OFDM 256QAM	Outer	1	0	23.20	22.95	22.83	23
			1	50	22.49	22.26	22.12	23
			2	0	23.63	23.35	23.24	23
			2	49	23.02	22.74	22.64	23
			50	0	23.50	23.25	23.20	24
		Inner	1	1	26.16	25.96	25.78	24
			1	49	25.41	25.07	25.19	24
			25	12	26.08	25.92	25.70	24



Test Report No.: W7L-P22020005RF03

BW	MCS Index	RB	RB Size	RB Offset	Low CH 647668	Mid CH 656000	High CH 664332	Max. Tune-up (dBm)
					Frequency 3715MHz	Frequency 3840MHz	Frequency 3965MHz	
30M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.49	23.28	23.17	23
			1	77	22.72	22.60	22.56	23
			2	0	23.62	23.39	23.25	23
			2	76	22.77	22.74	22.59	23
			75	0	23.61	23.39	23.24	24
		Inner	1	1	26.61	26.25	26.29	24
			1	76	25.81	25.64	25.59	24
			36	18	25.98	25.79	25.67	24
		DFT-s-OFDM QPSK	Outer	1	0	23.48	23.26	23.26
	1			77	22.86	22.61	22.52	23
	2			0	23.58	23.30	23.33	23
	2			76	22.93	22.72	22.57	23
	75			0	23.56	23.28	23.26	24
	Inner		1	1	26.66	26.31	26.28	24
			1	76	25.92	25.66	25.61	24
			36	18	26.05	25.77	25.66	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.69	23.44	23.33
		1		77	22.90	22.63	22.61	23
		2		0	23.65	23.33	23.27	23
		2		76	22.98	22.69	22.64	23
		75		0	23.50	23.31	23.19	24
		Inner	1	1	26.43	26.15	26.02	24
			1	76	25.83	25.47	25.37	24
			36	18	25.92	25.83	25.71	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.78	23.57	23.36
	1			77	23.01	22.91	22.80	23
	2			0	23.39	23.20	23.12	23
	2			76	22.90	22.49	22.57	23
	75			0	23.63	23.34	23.17	24
	Inner		1	1	26.21	25.93	25.95	24
			1	76	25.73	25.42	25.28	24
			36	18	26.02	25.82	25.69	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.20	22.95	22.83
		1		77	22.49	22.26	22.12	23
		2		0	23.63	23.35	23.24	23
		2		76	23.02	22.74	22.64	23
75		0		23.50	23.25	23.20	24	
Inner		1	1	26.16	25.96	25.78	24	
		1	76	25.40	25.09	25.18	24	
		36	18	26.15	25.91	25.67	24	



Test Report No.: W7L-P22020005RF03

BW	MCS Index	RB	RB Size	RB Offset	Low CH 648000	Mid CH 656000	High CH 664000	Max. Tune-up (dBm)
					Frequency 3720MHz	Frequency 3840MHz	Frequency 3960MHz	
40M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.51	23.22	23.22	23
			1	105	22.76	22.59	22.54	23
			2	0	23.65	23.40	23.28	23
			2	104	22.80	22.74	22.58	23
			100	0	23.63	23.39	23.24	24
		Inner	1	1	26.60	26.25	26.26	24
			1	104	25.84	25.66	25.60	24
			50	25	26.05	25.75	25.69	24
		DFT-s-OFDM QPSK	Outer	1	0	23.45	23.32	23.24
	1			105	22.92	22.64	22.54	23
	2			0	23.56	23.31	23.37	23
	2			104	22.94	22.75	22.50	23
	100			0	23.54	23.31	23.28	24
	Inner		1	1	26.67	26.31	26.29	24
			1	104	25.90	25.64	25.63	24
			50	25	26.03	25.80	25.70	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.62	23.48	23.29
		1		105	22.93	22.62	22.65	23
		2		0	23.59	23.35	23.22	23
		2		104	23.02	22.73	22.63	23
		100		0	23.50	23.34	23.22	24
		Inner	1	1	26.44	26.15	25.96	24
			1	104	25.84	25.52	25.34	24
			50	25	25.95	25.76	25.69	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.81	23.60	23.36
	1			105	23.04	22.84	22.78	23
	2			0	23.42	23.22	23.10	23
	2			104	22.87	22.55	22.51	23
	100			0	23.57	23.33	23.23	24
	Inner		1	1	26.19	25.89	25.96	24
			1	104	25.68	25.38	25.30	24
			50	25	26.00	25.85	25.64	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.13	22.96	22.86
		1		105	22.53	22.28	22.06	23
		2		0	23.56	23.38	23.25	23
		2		104	23.01	22.70	22.62	23
		100		0	23.50	23.25	23.21	24
		Inner	1	1	26.16	25.96	25.76	24
			1	104	25.36	25.10	25.18	24
			50	25	26.08	25.94	25.70	24

BW	MCS Index	RB	RB Size	RB Offset	Low CH 648334	Mid CH 656000	High CH 663666	Max. Tune-up (dBm)	
					Frequency 3725MHz	Frequency 3840MHz	Frequency 3955MHz		
50M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.50	23.23	23.18	23	
			1	132	22.77	22.57	22.56	23	
			2	0	23.61	23.36	23.29	23	
			2	131	22.81	22.70	22.59	23	
			128	0	23.57	23.43	23.20	24	
		Inner	1	1	26.63	26.22	26.33	24	
			1	131	25.82	25.67	25.56	24	
			64	32	25.99	25.76	25.70	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.42	23.32	23.23	23
				1	132	22.92	22.59	22.58	23
				2	0	23.56	23.26	23.31	23
				2	131	22.92	22.78	22.52	23
	128			0	23.53	23.28	23.29	24	
	Inner		1	1	26.70	26.34	26.26	24	
			1	131	25.88	25.66	25.61	24	
			64	32	26.08	25.80	25.68	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.62	23.48	23.29	23
				1	132	22.89	22.62	22.59	23
				2	0	23.65	23.35	23.21	23
				2	131	22.98	22.75	22.63	23
		128		0	23.56	23.30	23.16	24	
		Inner	1	1	26.40	26.14	25.98	24	
			1	131	25.83	25.49	25.35	24	
			64	32	25.92	25.82	25.67	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.80	23.61	23.37	23
				1	132	23.01	22.87	22.74	23
				2	0	23.41	23.24	23.08	23
				2	131	22.87	22.50	22.53	23
	128			0	23.62	23.30	23.23	24	
	Inner		1	1	26.20	25.88	26.00	24	
			1	131	25.74	25.41	25.24	24	
			64	32	26.01	25.79	25.64	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.18	22.91	22.86	23
				1	132	22.55	22.26	22.09	23
				2	0	23.58	23.31	23.25	23
				2	131	23.03	22.67	22.69	23
		128		0	23.46	23.26	23.17	24	
		Inner	1	1	26.20	25.91	25.76	24	
			1	131	25.37	25.07	25.18	24	
			64	32	26.15	25.94	25.67	24	



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Test Report No.: W7L-P22020005RF03

BW	MCS Index	RB	RB Size	RB Offset	Low CH 648668	Mid CH 656000	High CH 663332	Max. Tune-up (dBm)		
					Frequency 3730MHz	Frequency 3840MHz	Frequency 3950MHz			
60M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.49	23.28	23.17	23		
			1	161	22.72	22.60	22.56	23		
			2	0	23.62	23.39	23.25	23		
			2	160	22.77	22.74	22.59	23		
			162	0	23.61	23.39	23.24	24		
		Inner	1	1	26.61	26.25	26.29	24		
			1	160	25.81	25.64	25.59	24		
			81	40	25.98	25.79	25.67	24		
			DFT-s-OFDM QPSK	Outer	1	0	23.48	23.26	23.26	23
					1	161	22.86	22.61	22.52	23
	2	0			23.58	23.30	23.33	23		
	2	160			22.93	22.72	22.57	23		
	162	0			23.56	23.28	23.26	24		
	Inner	1		1	26.66	26.31	26.28	24		
		1		160	25.92	25.66	25.61	24		
		81		40	26.05	25.77	25.66	24		
		DFT-s-OFDM 16QAM		Outer	1	0	23.69	23.44	23.33	23
					1	161	22.90	22.63	22.61	23
	2		0		23.65	23.33	23.27	23		
	2		160		22.98	22.69	22.64	23		
	162		0		23.50	23.31	23.19	24		
	Inner		1	1	26.43	26.15	26.02	24		
			1	160	25.83	25.47	25.37	24		
			81	40	25.92	25.83	25.71	24		
			DFT-s-OFDM 64QAM	Outer	1	0	23.78	23.57	23.36	23
					1	161	23.01	22.91	22.80	23
	2	0			23.39	23.20	23.12	23		
	2	160			22.90	22.49	22.57	23		
	162	0			23.63	23.34	23.17	24		
	Inner	1		1	26.21	25.93	25.95	24		
		1		160	25.73	25.42	25.28	24		
		81		40	26.02	25.82	25.69	24		
		DFT-s-OFDM 256QAM		Outer	1	0	23.20	22.95	22.83	23
					1	161	22.49	22.26	22.12	23
	2		0		23.63	23.35	23.24	23		
	2		160		23.02	22.74	22.64	23		
	162		0		23.50	23.25	23.20	24		
	Inner		1	1	26.16	25.96	25.78	24		
			1	160	25.40	25.09	25.18	24		
			81	40	26.15	25.91	25.67	24		





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Test Report No.: W7L-P22020005RF03

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649000	Mid CH 656000	High CH 663000	Max. Tune-up (dBm)		
					Frequency 3735MHz	Frequency 3840MHz	Frequency 3945MHz			
70M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.52	23.24	23.21	23		
			1	188	22.78	22.60	22.50	23		
			2	0	23.60	23.41	23.26	23		
			2	187	22.83	22.68	22.59	23		
			180	0	23.59	23.36	23.23	24		
		Inner	1	1	26.66	26.25	26.26	24		
			1	187	25.81	25.61	25.55	24		
			90	45	26.04	25.80	25.68	24		
	DFT-s-OFDM QPSK	Outer	1	0	23.48	23.26	23.27	23		
			1	188	22.86	22.63	22.55	23		
			2	0	23.62	23.24	23.38	23		
			2	187	22.90	22.76	22.53	23		
			180	0	23.57	23.27	23.29	24		
		Inner	1	1	26.70	26.32	26.25	24		
			1	187	25.87	25.60	25.67	24		
			90	45	26.09	25.83	25.64	24		
	DFT-s-OFDM 16QAM	Outer	1	0	23.63	23.42	23.29	23		
			1	188	22.92	22.64	22.64	23		
			2	0	23.65	23.34	23.24	23		
			2	187	22.97	22.69	22.63	23		
			180	0	23.56	23.34	23.20	24		
		Inner	1	1	26.40	26.16	26.03	24		
			1	187	25.84	25.52	25.37	24		
			90	45	25.92	25.77	25.71	24		
	DFT-s-OFDM 64QAM	Outer	1	0	23.81	23.58	23.41	23		
			1	188	23.06	22.91	22.76	23		
			2	0	23.37	23.17	23.10	23		
			2	187	22.89	22.51	22.56	23		
			180	0	23.62	23.31	23.20	24		
		Inner	1	1	26.19	25.88	25.99	24		
			1	187	25.73	25.35	25.31	24		
			90	45	26.00	25.83	25.65	24		
DFT-s-OFDM 256QAM	Outer	1	0	23.19	22.90	22.83	23			
		1	188	22.51	22.25	22.12	23			
		2	0	23.63	23.37	23.19	23			
		2	187	23.03	22.67	22.68	23			
		180	0	23.46	23.24	23.14	24			
	Inner	1	1	26.16	25.96	25.75	24			
		1	187	25.36	25.10	25.18	24			
		90	45	26.14	25.91	25.71	24			



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Test Report No.: W7L-P22020005RF03

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649334	Mid CH 656000	High CH 662666	Max. Tune-up (dBm)	
					Frequency 3740MHz	Frequency 3840MHz	Frequency 3940MHz		
80M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.50	23.23	23.18	23	
			1	216	22.77	22.57	22.56	23	
			2	0	23.61	23.36	23.29	23	
			2	215	22.81	22.70	22.59	23	
			216	0	23.57	23.43	23.20	24	
		Inner	1	1	26.63	26.22	26.33	24	
			1	215	25.82	25.67	25.56	24	
			108	54	25.99	25.76	25.70	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.42	23.32	23.23	23
				1	216	22.92	22.59	22.58	23
				2	0	23.56	23.26	23.31	23
				2	215	22.92	22.78	22.52	23
	216			0	23.53	23.28	23.29	24	
	Inner		1	1	26.66	26.32	26.25	24	
			1	215	25.86	25.63	25.67	24	
			108	54	26.02	25.83	25.66	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.62	23.49	23.33	23
				1	216	22.91	22.65	22.58	23
				2	0	23.59	23.40	23.27	23
				2	215	22.99	22.72	22.57	23
		216		0	23.52	23.33	23.21	24	
		Inner	1	1	26.40	26.14	25.99	24	
			1	215	25.78	25.49	25.40	24	
			108	54	25.92	25.82	25.67	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.74	23.61	23.42	23
				1	216	23.05	22.87	22.74	23
				2	0	23.36	23.24	23.14	23
				2	215	22.87	22.52	22.54	23
	216			0	23.62	23.30	23.24	24	
	Inner		1	1	26.17	25.92	25.96	24	
			1	215	25.72	25.37	25.30	24	
			108	54	26.06	25.80	25.65	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.15	22.89	22.86	23
				1	216	22.56	22.31	22.06	23
				2	0	23.59	23.31	23.21	23
				2	215	23.04	22.69	22.68	23
		216		0	23.49	23.28	23.15	24	
		Inner	1	1	26.20	25.90	25.80	24	
			1	215	25.35	25.11	25.15	24	
			108	54	26.14	25.88	25.74	24	

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649668	Mid CH 656000	High CH 662332	Max. Tune-up (dBm)
					Frequency 3745MHz	Frequency 3840MHz	Frequency 3935MHz	
90M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.54	23.26	23.15	23
			1	244	22.75	22.62	22.52	23
			2	0	23.64	23.43	23.26	23
			2	243	22.79	22.70	22.63	23
			240	0	23.64	23.42	23.20	24
		Inner	1	1	26.59	26.20	26.32	24
			1	243	25.87	25.65	25.58	24
			120	60	26.03	25.80	25.66	24
		DFT-s-OFDM QPSK	Outer	1	0	23.46	23.29	23.26
	1			244	22.88	22.65	22.57	23
	2			0	23.62	23.24	23.38	23
	2			243	22.90	22.76	22.53	23
	240			0	23.57	23.27	23.29	24
	Inner		1	1	26.71	26.34	26.22	24
			1	243	25.87	25.65	25.65	24
			120	60	26.08	25.78	25.67	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.64	23.42	23.33
		1		244	22.94	22.68	22.58	23
		2		0	23.60	23.33	23.23	23
		2		243	23.01	22.76	22.61	23
		240		0	23.56	23.27	23.23	24
		Inner	1	1	26.38	26.17	25.99	24
			1	243	25.83	25.46	25.41	24
			120	60	25.92	25.80	25.68	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.79	23.56	23.42
	1			244	23.07	22.85	22.77	23
	2			0	23.38	23.17	23.14	23
	2			243	22.91	22.55	22.50	23
	240			0	23.57	23.30	23.19	24
	Inner		1	1	26.22	25.90	25.99	24
			1	243	25.73	25.36	25.27	24
			120	60	26.02	25.79	25.68	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.19	22.89	22.87
		1		244	22.49	22.29	22.09	23
		2		0	23.62	23.31	23.26	23
		2		243	22.97	22.71	22.65	23
		240		0	23.51	23.24	23.20	24
		Inner	1	1	26.20	25.91	25.76	24
			1	243	25.37	25.07	25.18	24
			120	60	26.15	25.94	25.67	24

BW	MCS Index	RB	RB Size	RB Offset	Low CH 650000	Mid CH 656000	High CH 662000	Max. Tune-up (dBm)
					Frequency 3750MHz	Frequency 3840MHz	Frequency 3930MHz	
100M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.55	23.30	23.23	23
			1	272	22.79	22.65	22.58	23
			2	0	23.66	23.44	23.30	23
			2	271	22.85	22.75	22.64	23
			270	0	23.65	23.44	23.25	24
		Inner	1	1	26.67	26.27	26.34	24
			1	271	25.88	25.69	25.61	24
			135	67	26.06	25.81	25.72	24
		DFT-s-OFDM QPSK	Outer	1	0	23.50	23.34	23.28
	1			272	22.94	22.67	22.60	23
	2			0	23.64	23.32	23.39	23
	2			271	22.98	22.80	22.58	23
	270			0	23.60	23.33	23.31	24
	Inner		1	1	26.72	26.39	26.30	24
			1	271	25.93	25.68	25.69	24
			135	67	26.10	25.85	25.72	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.70	23.50	23.35
		1		272	22.95	22.70	22.66	23
		2		0	23.67	23.41	23.29	23
		2		271	23.03	22.77	22.65	23
		270		0	23.58	23.35	23.24	24
		Inner	1	1	26.46	26.21	26.04	24
			1	271	25.85	25.54	25.42	24
			135	67	26.00	25.84	25.73	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.82	23.62	23.44
	1			272	23.09	22.92	22.82	23
	2			0	23.44	23.25	23.16	23
	2			271	22.92	22.57	22.58	23
	270			0	23.64	23.38	23.25	24
	Inner		1	1	26.25	25.96	26.01	24
			1	271	25.75	25.43	25.32	24
			135	67	26.08	25.87	25.70	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.21	22.97	22.88
		1		272	22.57	22.33	22.14	23
		2		0	23.64	23.39	23.27	23
		2		271	23.05	22.75	22.70	23
		270		0	23.54	23.30	23.22	24
		Inner	1	1	26.22	25.98	25.81	24
			1	271	25.43	25.15	25.20	24
			135	67	26.16	25.96	25.75	24



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VERITAS**

Test Report No.: W7L-P22020005RF03

**N77 C-HPUE LTE13**

BW	MCS Index	RB	RB Size	RB Offset	Low CH 647334	Mid CH 656000	High CH 664666	Max. Tune-up (dBm)
					Frequency 3710MHz	Frequency 3840MHz	Frequency 3970MHz	
20M	CP-OFDM QPSK	Outer	1	0	23.92	23.73	23.71	23
			1	50	23.24	23.10	23.00	23
			2	0	24.10	24.02	23.89	23
			2	49	23.29	23.19	23.12	23
		51	0	24.07	23.85	23.89	23	
		Inner	1	1	25.22	24.99	24.97	24
			1	49	24.41	24.22	24.17	24
			25	12	24.56	24.39	24.30	24
	CP-OFDM 16QAM	Outer	1	0	24.19	24.01	24.00	23
			1	50	23.42	23.37	23.29	23
			2	0	24.12	23.80	23.92	23
			2	49	23.26	23.22	23.10	23
		51	0	24.08	23.92	23.88	23	
		Inner	1	1	24.94	24.67	24.70	24
			1	49	24.10	24.02	24.07	24
			25	12	24.64	24.47	24.24	24
	CP-OFDM 64QAM	Outer	1	0	24.09	24.02	24.00	23
			1	50	23.59	23.39	23.37	23
			2	0	24.04	23.81	23.77	23
			2	49	23.24	23.01	23.08	23
		51	0	23.56	23.42	23.38	23	
		Inner	1	1	24.65	24.56	24.47	23
			1	49	24.56	24.29	24.32	23
			25	12	24.37	24.23	24.21	23
	CP-OFDM 256QAM	Outer	1	0	22.45	22.27	22.18	20
			1	50	22.40	22.14	22.17	20
			2	0	22.44	22.22	22.20	20
			2	49	22.34	22.15	22.00	20
		51	0	22.65	22.48	22.30	20	
		Inner	1	1	23.44	23.36	23.26	20
			1	49	23.38	23.19	23.16	20
			25	12	23.57	23.45	23.36	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 647668	Mid CH 656000	High CH 664332	Max. Tune-up (dBm)
					Frequency 3715MHz	Frequency 3840MHz	Frequency 3965MHz	
30M	CP-OFDM QPSK	Outer	1	0	23.89	23.77	23.67	23
			1	77	23.18	23.10	23.06	23
			2	0	24.12	24.00	23.88	23
			2	76	23.23	23.25	23.12	23
			78	0	24.09	23.88	23.90	23
		Inner	1	1	25.17	24.99	25.00	24
			1	76	24.41	24.25	24.21	24
			39	19	24.50	24.38	24.29	24
		CP-OFDM 16QAM	Outer	1	0	24.19	24.01	23.99
	1			77	23.42	23.35	23.26	23
	2			0	24.08	23.86	23.87	23
	2			76	23.29	23.18	23.14	23
	78			0	24.07	23.93	23.85	23
	Inner		1	1	24.90	24.66	24.73	24
			1	76	24.15	24.08	24.01	24
			39	19	24.60	24.41	24.26	24
	CP-OFDM 64QAM		Outer	1	0	24.15	24.04	24.04
		1		77	23.57	23.38	23.34	23
		2		0	24.04	23.80	23.80	23
		2		76	23.25	23.01	23.09	23
		78		0	23.50	23.46	23.34	23
		Inner	1	1	24.70	24.54	24.50	23
			1	76	24.56	24.30	24.28	23
			39	19	24.37	24.26	24.24	23
		CP-OFDM 256QAM	Outer	1	0	22.44	22.28	22.12
	1			77	22.34	22.20	22.20	20
	2			0	22.45	22.25	22.18	20
	2			76	22.33	22.09	22.07	20
	78			0	22.65	22.48	22.30	20
	Inner		1	1	23.44	23.36	23.26	20
			1	76	23.38	23.19	23.16	20
			39	19	23.57	23.45	23.36	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 648000	Mid CH 656000	High CH 664000	Max. Tune-up (dBm)
					Frequency 3720MHz	Frequency 3840MHz	Frequency 3960MHz	
40M	CP-OFDM QPSK	Outer	1	0	23.91	23.71	23.72	23
			1	105	23.22	23.09	23.04	23
			2	0	24.15	24.01	23.91	23
			2	104	23.26	23.25	23.11	23
			106	0	24.11	23.88	23.90	23
		Inner	1	1	25.16	24.99	24.97	24
			1	104	24.44	24.27	24.22	24
			53	26	24.57	24.34	24.31	24
	CP-OFDM 16QAM	Outer	1	0	24.16	24.07	23.97	23
			1	105	23.48	23.38	23.28	23
			2	0	24.06	23.87	23.91	23
			2	104	23.30	23.21	23.07	23
			106	0	24.05	23.96	23.87	23
		Inner	1	1	24.91	24.66	24.74	24
			1	104	24.13	24.06	24.03	24
			53	26	24.58	24.44	24.30	24
	CP-OFDM 64QAM	Outer	1	0	24.08	24.08	24.00	23
			1	105	23.60	23.37	23.38	23
			2	0	23.98	23.82	23.75	23
			2	104	23.29	23.05	23.08	23
			106	0	23.50	23.49	23.37	23
		Inner	1	1	24.71	24.54	24.44	23
			1	104	24.57	24.35	24.25	23
			53	26	24.40	24.19	24.22	23
	CP-OFDM 256QAM	Outer	1	0	22.47	22.31	22.12	20
			1	105	22.37	22.13	22.18	20
			2	0	22.48	22.27	22.16	20
			2	104	22.30	22.15	22.01	20
			106	0	22.59	22.47	22.36	20
		Inner	1	1	23.42	23.32	23.27	20
			1	104	23.33	23.15	23.18	20
			53	26	23.55	23.48	23.31	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 648334	Mid CH 656000	High CH 663666	Max. Tune-up (dBm)
					Frequency 3725MHz	Frequency 3840MHz	Frequency 3955MHz	
50M	CP-OFDM QPSK	Outer	1	0	23.90	23.72	23.68	23
			1	132	23.23	23.07	23.06	23
			2	0	24.11	23.97	23.92	23
			2	131	23.27	23.21	23.12	23
			133	0	24.05	23.92	23.86	23
		Inner	1	1	25.19	24.96	25.04	24
			1	131	24.42	24.28	24.18	24
			67	33	24.51	24.35	24.32	24
		CP-OFDM 16QAM	Outer	1	0	24.13	24.07	23.96
	1			132	23.48	23.33	23.32	23
	2			0	24.06	23.82	23.85	23
	2			131	23.28	23.24	23.09	23
	133			0	24.04	23.93	23.88	23
	Inner		1	1	24.94	24.69	24.71	24
			1	131	24.11	24.08	24.01	24
			67	33	24.63	24.44	24.28	24
	CP-OFDM 64QAM		Outer	1	0	24.08	24.08	24.00
		1		132	23.56	23.37	23.32	23
		2		0	24.04	23.82	23.74	23
		2		131	23.25	23.07	23.08	23
		133		0	23.56	23.45	23.31	23
		Inner	1	1	24.67	24.53	24.46	23
			1	131	24.56	24.32	24.26	23
			67	33	24.37	24.25	24.20	23
		CP-OFDM 256QAM	Outer	1	0	22.46	22.32	22.13
	1			132	22.34	22.16	22.14	20
	2			0	22.47	22.29	22.14	20
	2			131	22.30	22.10	22.03	20
	133			0	22.64	22.44	22.36	20
	Inner		1	1	23.43	23.31	23.31	20
			1	131	23.39	23.18	23.12	20
			67	33	23.56	23.42	23.31	20



BW	MCS Index	RB	RB Size	RB Offset	Low CH 648668	Mid CH 656000	High CH 663332	Max. Tune-up (dBm)
					Frequency 3730MHz	Frequency 3840MHz	Frequency 3950MHz	
60M	CP-OFDM QPSK	Outer	1	0	23.89	23.77	23.67	23
			1	161	23.18	23.10	23.06	23
			2	0	24.12	24.00	23.88	23
			2	160	23.23	23.25	23.12	23
		162	0	24.09	23.88	23.90	23	
		Inner	1	1	25.17	24.99	25.00	24
			1	160	24.41	24.25	24.21	24
			81	40	24.50	24.38	24.29	24
	CP-OFDM 16QAM	Outer	1	0	24.19	24.01	23.99	23
			1	161	23.42	23.35	23.26	23
			2	0	24.08	23.86	23.87	23
			2	160	23.29	23.18	23.14	23
			162	0	24.07	23.93	23.85	23
		Inner	1	1	24.90	24.66	24.73	24
			1	160	24.15	24.08	24.01	24
			81	40	24.60	24.41	24.26	24
	CP-OFDM 64QAM	Outer	1	0	24.15	24.04	24.04	23
			1	161	23.57	23.38	23.34	23
			2	0	24.04	23.80	23.80	23
			2	160	23.25	23.01	23.09	23
			162	0	23.50	23.46	23.34	23
		Inner	1	1	24.70	24.54	24.50	23
			1	160	24.56	24.30	24.28	23
			81	40	24.37	24.26	24.24	23
	CP-OFDM 256QAM	Outer	1	0	22.44	22.28	22.12	20
			1	161	22.34	22.20	22.20	20
			2	0	22.45	22.25	22.18	20
			2	160	22.33	22.09	22.07	20
			162	0	22.65	22.48	22.30	20
		Inner	1	1	23.44	23.36	23.26	20
			1	160	23.38	23.19	23.16	20
			81	40	23.57	23.45	23.36	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649000	Mid CH 656000	High CH 663000	Max. Tune-up (dBm)
					Frequency 3735MHz	Frequency 3840MHz	Frequency 3945MHz	
70M	CP-OFDM QPSK	Outer	1	0	23.92	23.73	23.71	23
			1	188	23.24	23.10	23.00	23
			2	0	24.10	24.02	23.89	23
			2	187	23.29	23.19	23.12	23
			189	0	24.07	23.85	23.89	23
		Inner	1	1	25.22	24.99	24.97	24
			1	187	24.41	24.22	24.17	24
			95	47	24.56	24.39	24.30	24
	CP-OFDM 16QAM	Outer	1	0	24.19	24.01	24.00	23
			1	188	23.42	23.37	23.29	23
			2	0	24.12	23.80	23.92	23
			2	187	23.26	23.22	23.10	23
			189	0	24.08	23.92	23.88	23
		Inner	1	1	24.94	24.67	24.70	24
			1	187	24.10	24.02	24.07	24
			95	47	24.64	24.47	24.24	24
	CP-OFDM 64QAM	Outer	1	0	24.09	24.02	24.00	23
			1	188	23.59	23.39	23.37	23
			2	0	24.04	23.81	23.77	23
			2	187	23.24	23.01	23.08	23
			189	0	23.56	23.49	23.35	23
		Inner	1	1	24.67	24.55	24.51	23
			1	187	24.57	24.35	24.28	23
			95	47	24.37	24.20	24.24	23
	CP-OFDM 256QAM	Outer	1	0	22.47	22.29	22.17	20
			1	188	22.39	22.20	22.16	20
			2	0	22.43	22.22	22.16	20
			2	187	22.32	22.11	22.06	20
			189	0	22.64	22.45	22.33	20
		Inner	1	1	23.42	23.31	23.30	20
			1	187	23.38	23.12	23.19	20
			95	47	23.55	23.46	23.32	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649334	Mid CH 656000	High CH 662666	Max. Tune-up (dBm)
					Frequency 3740MHz	Frequency 3840MHz	Frequency 3940MHz	
80M	CP-OFDM QPSK	Outer	1	0	23.90	23.72	23.68	23
			1	216	23.23	23.07	23.06	23
			2	0	24.11	23.97	23.92	23
			2	215	23.27	23.21	23.12	23
			217	0	24.05	23.92	23.86	23
		Inner	1	1	25.19	24.96	25.04	24
			1	215	24.42	24.28	24.18	24
			109	54	24.51	24.35	24.32	24
	CP-OFDM 16QAM	Outer	1	0	24.13	24.07	23.96	23
			1	216	23.48	23.33	23.32	23
			2	0	24.06	23.82	23.85	23
			2	215	23.28	23.24	23.09	23
			217	0	24.04	23.93	23.88	23
		Inner	1	1	24.90	24.67	24.70	24
			1	215	24.09	24.05	24.07	24
			109	54	24.57	24.47	24.26	24
	CP-OFDM 64QAM	Outer	1	0	24.08	24.09	24.04	23
			1	216	23.58	23.40	23.31	23
			2	0	23.98	23.87	23.80	23
			2	215	23.26	23.04	23.02	23
			217	0	23.52	23.48	23.36	23
		Inner	1	1	24.67	24.53	24.47	23
			1	215	24.51	24.32	24.31	23
			109	54	24.37	24.25	24.20	23
	CP-OFDM 256QAM	Outer	1	0	22.40	22.32	22.18	20
			1	216	22.38	22.16	22.14	20
			2	0	22.42	22.29	22.20	20
			2	215	22.30	22.12	22.04	20
			217	0	22.64	22.44	22.37	20
		Inner	1	1	23.40	23.35	23.27	20
			1	215	23.37	23.14	23.18	20
			109	54	23.61	23.43	23.32	20

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649668	Mid CH 656000	High CH 662332	Max. Tune-up (dBm)
					Frequency 3745MHz	Frequency 3840MHz	Frequency 3935MHz	
90M	CP-OFDM QPSK	Outer	1	0	23.94	23.75	23.65	23
			1	244	23.21	23.12	23.02	23
			2	0	24.14	24.04	23.89	23
			2	243	23.25	23.21	23.16	23
		245	0	24.12	23.91	23.86	23	
		Inner	1	1	25.15	24.94	25.03	24
			1	243	24.47	24.26	24.20	24
	123		61	24.55	24.39	24.28	24	
	CP-OFDM 16QAM	Outer	1	0	24.17	24.04	23.99	23
			1	244	23.44	23.39	23.31	23
			2	0	24.12	23.80	23.92	23
			2	243	23.26	23.22	23.10	23
		245	0	24.08	23.92	23.88	23	
		Inner	1	1	24.95	24.69	24.67	24
			1	243	24.10	24.07	24.05	24
	123		61	24.63	24.42	24.27	24	
	CP-OFDM 64QAM	Outer	1	0	24.10	24.02	24.04	23
			1	244	23.61	23.43	23.31	23
			2	0	23.99	23.80	23.76	23
			2	243	23.28	23.08	23.06	23
		245	0	23.56	23.42	23.38	23	
		Inner	1	1	24.65	24.56	24.47	23
			1	243	24.56	24.29	24.32	23
	123		61	24.37	24.23	24.21	23	
	CP-OFDM 256QAM	Outer	1	0	22.45	22.27	22.18	20
			1	244	22.40	22.14	22.17	20
			2	0	22.44	22.22	22.20	20
			2	243	22.34	22.15	22.00	20
		245	0	22.59	22.44	22.32	20	
		Inner	1	1	23.45	23.33	23.30	20
			1	243	23.38	23.13	23.15	20
	123		61	23.57	23.42	23.35	20	



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BW	MCS Index	RB	RB Size	RB Offset	Low CH 650000	Mid CH 656000	High CH 662000	Max. Tune-up (dBm)
					Frequency 3750MHz	Frequency 3840MHz	Frequency 3930MHz	
100M	CP-OFDM QPSK	Outer	1	0	23.95	23.79	23.73	23
			1	272	23.25	23.15	23.08	23
			2	0	24.16	24.05	23.93	23
			2	271	23.31	23.26	23.17	23
			273	0	24.13	23.93	23.91	23
		Inner	1	1	25.23	25.01	25.05	24
			1	271	24.48	24.30	24.23	24
	137		68	24.58	24.40	24.34	24	
	CP-OFDM 16QAM	Outer	1	0	24.21	24.09	24.01	23
			1	272	23.50	23.41	23.34	23
			2	0	24.14	23.88	23.93	23
			2	271	23.34	23.26	23.15	23
			273	0	24.11	23.98	23.90	23
		Inner	1	1	24.96	24.74	24.75	24
			1	271	24.16	24.10	24.09	24
	137		68	24.65	24.49	24.32	24	
	CP-OFDM 64QAM	Outer	1	0	24.16	24.10	24.06	23
			1	272	23.62	23.45	23.39	23
			2	0	24.06	23.88	23.82	23
			2	271	23.30	23.09	23.10	23
			273	0	23.58	23.50	23.39	23
		Inner	1	1	24.73	24.60	24.52	23
			1	271	24.58	24.37	24.33	23
	137		68	24.45	24.27	24.26	23	
	CP-OFDM 256QAM	Outer	1	0	22.48	22.33	22.20	20
			1	272	22.42	22.21	22.22	20
			2	0	22.50	22.30	22.22	20
			2	271	22.35	22.17	22.08	20
			273	0	22.66	22.52	22.38	20
		Inner	1	1	23.48	23.39	23.32	20
			1	271	23.40	23.20	23.20	20
	137		68	23.63	23.50	23.37	20	

BW	MCS Index	RB	RB Size	RB Offset	Low CH 647334	Mid CH 656000	High CH 664666	Max. Tune-up (dBm)
					Frequency 3710MHz	Frequency 3840MHz	Frequency 3970MHz	
20M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.58	23.31	23.25	23
			1	50	22.85	22.63	22.49	23
			2	0	23.64	23.48	23.31	23
			2	49	22.90	22.72	22.61	23
			50	0	23.63	23.33	23.33	24
		Inner	1	1	26.64	26.33	26.27	24
			1	49	25.96	25.69	25.60	24
			25	12	26.07	25.82	25.69	24
		DFT-s-OFDM QPSK	Outer	1	0	23.59	23.33	23.28
	1			50	22.84	22.71	22.59	23
	2			0	23.72	23.32	23.40	23
	2			49	22.85	22.73	22.57	23
	50			0	23.62	23.38	23.30	24
	Inner		1	1	26.67	26.32	26.31	24
			1	49	25.92	25.73	25.72	24
			25	12	26.12	25.87	25.60	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.59	23.44	23.38
		1		50	23.02	22.74	22.68	23
		2		0	23.67	23.36	23.28	23
		2		49	23.00	22.69	22.72	23
		50		0	23.55	23.33	23.25	24
		Inner	2	49	26.37	26.20	26.07	24
			25	12	25.82	25.47	25.46	24
			50	0	26.04	25.82	25.76	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.84	23.58	23.45
	1			50	23.18	22.84	22.83	23
	2			0	23.50	23.20	23.14	23
	2			49	22.93	22.66	22.47	23
	50			0	23.70	23.45	23.23	24
	Inner		1	1	26.23	26.07	25.93	24
			1	49	25.71	25.44	25.37	24
			25	12	26.11	25.91	25.78	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.21	22.95	22.89
		1		50	22.56	22.33	22.14	23
		2		0	23.64	23.35	23.28	23
		2		49	23.04	22.76	22.65	23
50		0		23.58	23.28	23.27	24	
Inner		1	1	26.22	25.98	25.81	24	
		1	49	25.43	25.12	25.15	24	
		25	12	26.13	25.97	25.76	24	

BW	MCS Index	RB	RB Size	RB Offset	Low CH 647668	Mid CH 656000	High CH 664332	Max. Tune-up (dBm)
					Frequency 3715MHz	Frequency 3840MHz	Frequency 3965MHz	
30M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.55	23.35	23.21	23
			1	77	22.79	22.63	22.55	23
			2	0	23.66	23.46	23.30	23
			2	76	22.84	22.78	22.61	23
			75	0	23.65	23.36	23.34	24
		Inner	1	1	26.59	26.33	26.30	24
			1	76	25.96	25.72	25.64	24
			36	18	26.01	25.81	25.68	24
		DFT-s-OFDM QPSK	Outer	1	0	23.59	23.33	23.27
	1			77	22.84	22.69	22.56	23
	2			0	23.68	23.38	23.35	23
	2			76	22.88	22.69	22.61	23
	75			0	23.61	23.39	23.27	24
	Inner		1	1	26.63	26.31	26.34	24
			1	76	25.97	25.79	25.66	24
			36	18	26.08	25.81	25.62	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.65	23.46	23.42
		1		77	23.00	22.73	22.65	23
		2		0	23.67	23.35	23.31	23
		2		76	23.01	22.69	22.73	23
		75		0	23.49	23.37	23.21	24
		Inner	1	1	26.42	26.18	26.10	24
			1	76	25.82	25.48	25.42	24
			36	18	26.04	25.85	25.79	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.83	23.59	23.39
	1			77	23.12	22.90	22.86	23
	2			0	23.51	23.23	23.12	23
	2			76	22.92	22.60	22.54	23
	75			0	23.70	23.45	23.23	24
	Inner		1	1	26.23	26.07	25.93	24
			1	76	25.71	25.44	25.37	24
			36	18	26.11	25.91	25.78	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.21	22.95	22.89
		1		77	22.56	22.33	22.14	23
		2		0	23.64	23.35	23.28	23
		2		76	23.04	22.76	22.65	23
75		0		23.58	23.28	23.27	24	
Inner		1	1	26.22	25.98	25.81	24	
		1	76	25.42	25.14	25.14	24	
		36	18	26.20	25.96	25.73	24	

BW	MCS Index	RB	RB Size	RB Offset	Low CH 648000	Mid CH 656000	High CH 664000	Max. Tune-up (dBm)
					Frequency 3720MHz	Frequency 3840MHz	Frequency 3960MHz	
40M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.57	23.29	23.26	23
			1	105	22.83	22.62	22.53	23
			2	0	23.69	23.47	23.33	23
			2	104	22.87	22.78	22.60	23
			100	0	23.67	23.36	23.34	24
		Inner	1	1	26.58	26.33	26.27	24
			1	104	25.99	25.74	25.65	24
			50	25	26.08	25.77	25.70	24
		DFT-s-OFDM QPSK	Outer	1	0	23.56	23.39	23.25
	1			105	22.90	22.72	22.58	23
	2			0	23.66	23.39	23.39	23
	2			104	22.89	22.72	22.54	23
	100			0	23.59	23.42	23.29	24
	Inner		1	1	26.64	26.31	26.35	24
			1	104	25.95	25.77	25.68	24
			50	25	26.06	25.84	25.66	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.58	23.50	23.38
		1		105	23.03	22.72	22.69	23
		2		0	23.61	23.37	23.26	23
		2		104	23.05	22.73	22.72	23
		100		0	23.49	23.40	23.24	24
		Inner	1	1	26.43	26.18	26.04	24
			1	104	25.83	25.53	25.39	24
			50	25	26.07	25.78	25.77	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.86	23.62	23.39
	1			105	23.15	22.83	22.84	23
	2			0	23.54	23.25	23.10	23
	2			104	22.89	22.66	22.48	23
	100			0	23.64	23.44	23.29	24
	Inner		1	1	26.21	26.03	25.94	24
			1	104	25.66	25.40	25.39	24
			50	25	26.09	25.94	25.73	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.14	22.96	22.92
		1		105	22.60	22.35	22.08	23
		2		0	23.57	23.38	23.29	23
		2		104	23.03	22.72	22.63	23
		100		0	23.58	23.28	23.28	24
		Inner	1	1	26.22	25.98	25.79	24
			1	104	25.38	25.15	25.14	24
			50	25	26.13	25.99	25.76	24



BW	MCS Index	RB	RB Size	RB Offset	Low CH 648334	Mid CH 656000	High CH 663666	Max. Tune-up (dBm)	
					Frequency 3725MHz	Frequency 3840MHz	Frequency 3955MHz		
50M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.56	23.30	23.22	23	
			1	132	22.84	22.60	22.55	23	
			2	0	23.65	23.43	23.34	23	
			2	131	22.88	22.74	22.61	23	
			128	0	23.61	23.40	23.30	24	
		Inner	1	1	26.61	26.30	26.34	24	
			1	131	25.97	25.75	25.61	24	
			64	32	26.02	25.78	25.71	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.53	23.39	23.24	23
				1	132	22.90	22.67	22.62	23
				2	0	23.66	23.34	23.33	23
				2	131	22.87	22.75	22.56	23
	128			0	23.58	23.39	23.30	24	
	Inner		1	1	26.67	26.34	26.32	24	
			1	131	25.93	25.79	25.66	24	
			64	32	26.11	25.84	25.64	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.58	23.50	23.38	23
				1	132	22.99	22.72	22.63	23
				2	0	23.67	23.37	23.25	23
				2	131	23.01	22.75	22.72	23
		128		0	23.55	23.36	23.18	24	
		Inner	1	1	26.39	26.17	26.06	24	
			1	131	25.82	25.50	25.40	24	
			64	32	26.04	25.84	25.75	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.85	23.63	23.40	23
				1	132	23.12	22.86	22.80	23
				2	0	23.53	23.27	23.08	23
				2	131	22.89	22.61	22.50	23
	128			0	23.69	23.41	23.29	24	
	Inner		1	1	26.22	26.02	25.98	24	
			1	131	25.72	25.43	25.33	24	
			64	32	26.10	25.88	25.73	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.19	22.91	22.92	23
				1	132	22.62	22.33	22.11	23
				2	0	23.59	23.31	23.29	23
				2	131	23.05	22.69	22.70	23
		128		0	23.54	23.29	23.24	24	
		Inner	1	1	26.26	25.93	25.79	24	
			1	131	25.39	25.12	25.14	24	
			64	32	26.20	25.99	25.73	24	



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BW	MCS Index	RB	RB Size	RB Offset	Low CH 648668	Mid CH 656000	High CH 663332	Max. Tune-up (dBm)	
					Frequency 3730MHz	Frequency 3840MHz	Frequency 3950MHz		
60M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.55	23.35	23.21	23	
			1	161	22.79	22.63	22.55	23	
			2	0	23.66	23.46	23.30	23	
			2	160	22.84	22.78	22.61	23	
			162	0	23.65	23.36	23.34	24	
		Inner	1	1	26.59	26.33	26.30	24	
			1	160	25.96	25.72	25.64	24	
			81	40	26.01	25.81	25.68	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.59	23.33	23.27	23
				1	161	22.84	22.69	22.56	23
				2	0	23.68	23.38	23.35	23
				2	160	22.88	22.69	22.61	23
	162			0	23.61	23.39	23.27	24	
	Inner		1	1	26.63	26.31	26.34	24	
			1	160	25.97	25.79	25.66	24	
			81	40	26.08	25.81	25.62	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.65	23.46	23.42	23
				1	161	23.00	22.73	22.65	23
				2	0	23.67	23.35	23.31	23
				2	160	23.01	22.69	22.73	23
		162		0	23.49	23.37	23.21	24	
		Inner	1	1	26.42	26.18	26.10	24	
			1	160	25.82	25.48	25.42	24	
			81	40	26.04	25.85	25.79	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.83	23.59	23.39	23
				1	161	23.12	22.90	22.86	23
				2	0	23.51	23.23	23.12	23
				2	160	22.92	22.60	22.54	23
	162			0	23.70	23.45	23.23	24	
	Inner		1	1	26.23	26.07	25.93	24	
			1	160	25.71	25.44	25.37	24	
			81	40	26.11	25.91	25.78	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.21	22.95	22.89	23
				1	161	22.56	22.33	22.14	23
				2	0	23.64	23.35	23.28	23
				2	160	23.04	22.76	22.65	23
		162		0	23.58	23.28	23.27	24	
		Inner	1	1	26.22	25.98	25.81	24	
			1	160	25.42	25.14	25.14	24	
			81	40	26.20	25.96	25.73	24	



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Test Report No.: W7L-P22020005RF03

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649000	Mid CH 656000	High CH 663000	Max. Tune-up (dBm)	
					Frequency 3735MHz	Frequency 3840MHz	Frequency 3945MHz		
70M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.58	23.31	23.25	23	
			1	188	22.85	22.63	22.49	23	
			2	0	23.64	23.48	23.31	23	
			2	187	22.90	22.72	22.61	23	
			180	0	23.63	23.33	23.33	24	
		Inner	1	1	26.64	26.33	26.27	24	
			1	187	25.96	25.69	25.60	24	
			90	45	26.07	25.82	25.69	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.59	23.33	23.28	23
				1	188	22.84	22.71	22.59	23
	2			0	23.72	23.32	23.40	23	
	2			187	22.85	22.73	22.57	23	
	180			0	23.62	23.38	23.30	24	
	Inner		1	1	26.67	26.32	26.31	24	
			1	187	25.92	25.73	25.72	24	
			90	45	26.12	25.87	25.60	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.59	23.44	23.38	23
				1	188	23.02	22.74	22.68	23
		2		0	23.67	23.36	23.28	23	
		2		187	23.00	22.69	22.72	23	
		180		0	23.55	23.40	23.22	24	
		Inner	1	1	26.39	26.19	26.11	24	
			1	187	25.83	25.53	25.42	24	
			90	45	26.04	25.79	25.79	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.86	23.60	23.44	23
				1	188	23.17	22.90	22.82	23
	2			0	23.49	23.20	23.10	23	
	2			187	22.91	22.62	22.53	23	
	180			0	23.69	23.42	23.26	24	
	Inner		1	1	26.21	26.02	25.97	24	
			1	187	25.71	25.37	25.40	24	
			90	45	26.09	25.92	25.74	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.20	22.90	22.89	23
				1	188	22.58	22.32	22.14	23
		2		0	23.64	23.37	23.23	23	
		2		187	23.05	22.69	22.69	23	
		180		0	23.54	23.27	23.21	24	
		Inner	1	1	26.22	25.98	25.78	24	
			1	187	25.38	25.15	25.14	24	
			90	45	26.19	25.96	25.77	24	



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BW	MCS Index	RB	RB Size	RB Offset	Low CH 649334	Mid CH 656000	High CH 662666	Max. Tune-up (dBm)
					Frequency 3740MHz	Frequency 3840MHz	Frequency 3940MHz	
80M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.56	23.30	23.22	23
			1	216	22.84	22.60	22.55	23
			2	0	23.65	23.43	23.34	23
			2	215	22.88	22.74	22.61	23
			216	0	23.61	23.40	23.30	24
		Inner	1	1	26.61	26.30	26.34	24
			1	215	25.97	25.75	25.61	24
			108	54	26.02	25.78	25.71	24
		DFT-s-OFDM QPSK	Outer	1	0	23.53	23.39	23.24
	1			216	22.90	22.67	22.62	23
	2			0	23.66	23.34	23.33	23
	2			215	22.87	22.75	22.56	23
	216			0	23.58	23.39	23.30	24
	Inner		1	1	26.63	26.32	26.31	24
			1	215	25.91	25.76	25.72	24
			108	54	26.05	25.87	25.62	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.58	23.51	23.42
		1		216	23.01	22.75	22.62	23
		2		0	23.61	23.42	23.31	23
		2		215	23.02	22.72	22.66	23
		216		0	23.51	23.39	23.23	24
		Inner	1	1	26.39	26.17	26.07	24
			1	215	25.77	25.50	25.45	24
			108	54	26.04	25.84	25.75	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.79	23.63	23.45
	1			216	23.16	22.86	22.80	23
	2			0	23.48	23.27	23.14	23
	2			215	22.89	22.63	22.51	23
	216			0	23.69	23.41	23.30	24
	Inner		1	1	26.19	26.06	25.94	24
			1	215	25.70	25.39	25.39	24
			108	54	26.15	25.89	25.74	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.16	22.89	22.92
		1		216	22.63	22.38	22.08	23
		2		0	23.60	23.31	23.25	23
		2		215	23.06	22.71	22.69	23
		216		0	23.57	23.31	23.22	24
		Inner	1	1	26.26	25.92	25.83	24
			1	215	25.37	25.16	25.11	24
			108	54	26.19	25.93	25.80	24

BW	MCS Index	RB	RB Size	RB Offset	Low CH 649668	Mid CH 656000	High CH 662332	Max. Tune-up (dBm)
					Frequency 3745MHz	Frequency 3840MHz	Frequency 3935MHz	
90M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.60	23.33	23.19	23
			1	244	22.82	22.65	22.51	23
			2	0	23.68	23.50	23.31	23
			2	243	22.86	22.74	22.65	23
			240	0	23.68	23.39	23.30	24
		Inner	1	1	26.57	26.28	26.33	24
			1	243	26.02	25.73	25.63	24
			120	60	26.06	25.82	25.67	24
		DFT-s-OFDM QPSK	Outer	1	0	23.57	23.36	23.27
	1			244	22.86	22.73	22.61	23
	2			0	23.72	23.32	23.40	23
	2			243	22.85	22.73	22.57	23
	240			0	23.62	23.38	23.30	24
	Inner		1	1	26.68	26.34	26.28	24
			1	243	25.92	25.78	25.70	24
			120	60	26.11	25.82	25.63	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.60	23.44	23.42
		1		244	23.04	22.78	22.62	23
		2		0	23.62	23.35	23.27	23
		2		243	23.04	22.76	22.70	23
		240		0	23.55	23.33	23.25	24
		Inner	1	1	26.37	26.20	26.07	24
			1	243	25.82	25.47	25.46	24
			120	60	26.04	25.82	25.76	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.84	23.58	23.45
	1			244	23.18	22.84	22.83	23
	2			0	23.50	23.20	23.14	23
	2			243	22.93	22.66	22.47	23
	240			0	23.64	23.41	23.25	24
	Inner		1	1	26.24	26.04	25.97	24
			1	243	25.71	25.38	25.36	24
			120	60	26.11	25.88	25.77	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.20	22.89	22.93
		1		244	22.56	22.36	22.11	23
		2		0	23.63	23.31	23.30	23
		2		243	22.99	22.73	22.66	23
		240		0	23.59	23.27	23.27	24
		Inner	1	1	26.26	25.93	25.79	24
			1	243	25.39	25.12	25.14	24
			120	60	26.20	25.99	25.73	24

BW	MCS Index	RB	RB Size	RB Offset	Low CH 650000	Mid CH 656000	High CH 662000	Max. Tune-up (dBm)
					Frequency 3750MHz	Frequency 3840MHz	Frequency 3930MHz	
100M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.61	23.37	23.27	23
			1	272	22.86	22.68	22.57	23
			2	0	23.70	23.51	23.35	23
			2	271	22.92	22.79	22.66	23
			270	0	23.69	23.41	23.35	24
		Inner	1	1	26.65	26.35	26.35	24
			1	271	26.03	25.77	25.66	24
			135	67	26.09	25.83	25.73	24
		DFT-s-OFDM QPSK	Outer	1	0	23.61	23.41	23.29
	1			272	22.92	22.75	22.64	23
	2			0	23.74	23.40	23.41	23
	2			271	22.93	22.77	22.62	23
	270			0	23.65	23.44	23.32	24
	Inner		1	1	26.69	26.39	26.36	24
			1	271	25.98	25.81	25.74	24
			135	67	26.13	25.89	25.68	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.66	23.52	23.44
		1		272	23.05	22.80	22.70	23
		2		0	23.69	23.43	23.33	23
		2		271	23.06	22.77	22.74	23
		270		0	23.57	23.41	23.26	24
		Inner	1	1	26.45	26.24	26.12	24
			1	271	25.84	25.55	25.47	24
			135	67	26.12	25.86	25.81	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.87	23.64	23.47
	1			272	23.20	22.91	22.88	23
	2			0	23.56	23.28	23.16	23
	2			271	22.94	22.68	22.55	23
	270			0	23.71	23.49	23.31	24
	Inner		1	1	26.27	26.10	25.99	24
			1	271	25.73	25.45	25.41	24
			135	67	26.17	25.96	25.79	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.22	22.97	22.94
		1		272	22.64	22.40	22.16	23
		2		0	23.65	23.39	23.31	23
		2		271	23.07	22.77	22.71	23
270		0		23.62	23.33	23.29	24	
Inner		1	1	26.28	26.00	25.84	24	
		1	271	25.45	25.20	25.16	24	
		135	67	26.21	26.01	25.81	24	