

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	22.64	22.33	22.31	23
			1	50	21.95	21.66	21.58	23
			2	0	22.73	22.53	22.34	23
			2	49	21.98	21.70	21.62	23
			50	0	23.16	22.89	22.87	24
		Inner	1	1	23.70	23.43	23.23	24
			1	49	22.97	22.77	22.67	24
			25	12	23.14	22.90	22.72	24
		DFT-s-OFDM QPSK	Outer	1	0	22.62	22.33	22.29
	1			50	21.94	21.73	21.58	23
	2			0	22.71	22.41	22.38	23
	2			49	21.99	21.75	21.68	23
	50			0	23.16	22.88	22.87	24
	Inner		1	1	23.70	23.42	23.32	24
			1	49	23.03	22.76	22.74	24
			25	12	23.16	22.89	22.68	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.69	22.49	22.38
		1		50	22.06	21.76	21.70	23
		2		0	22.66	22.37	22.33	23
		2		49	22.05	21.80	21.68	23
		50		0	23.12	22.83	22.80	24
		Inner	2	49	23.44	23.27	23.11	24
			25	12	22.81	22.52	22.49	24
			50	0	23.11	22.94	22.78	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.88	22.57	22.56
	1			50	22.19	21.96	21.85	23
	2			0	22.52	22.22	22.23	23
	2			49	21.98	21.72	21.50	23
	50			0	23.19	22.95	22.76	24
	Inner		1	1	23.35	23.15	22.97	24
			1	49	22.71	22.51	22.40	24
			25	12	23.17	22.95	22.84	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.29	22.00	21.92
		1		50	21.50	21.31	21.23	23
		2		0	22.75	22.47	22.38	23
		2		49	22.01	21.88	21.70	23
50		0		23.14	22.87	22.76	24	
Inner		1	1	23.22	23.01	22.92	24	
		1	49	22.54	22.21	22.18	24	
		25	12	23.13	22.93	22.86	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	22.61	22.37	22.27	23
			1	77	21.89	21.66	21.64	23
			2	0	22.75	22.51	22.33	23
			2	76	21.92	21.76	21.62	23
			75	0	23.18	22.92	22.88	24
		Inner	1	1	23.65	23.43	23.26	24
			1	76	22.97	22.80	22.71	24
			36	18	23.08	22.89	22.71	24
		DFT-s-OFDM QPSK	Outer	1	0	22.62	22.33	22.28
	1			77	21.94	21.71	21.55	23
	2			0	22.67	22.47	22.33	23
	2			76	22.02	21.71	21.72	23
	75			0	23.15	22.89	22.84	24
	Inner		1	1	23.66	23.41	23.35	24
			1	76	23.08	22.82	22.68	24
			36	18	23.12	22.83	22.70	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.75	22.51	22.42
		1		77	22.04	21.75	21.67	23
		2		0	22.66	22.36	22.36	23
		2		76	22.06	21.80	21.69	23
		75		0	23.06	22.87	22.76	24
		Inner	1	1	23.49	23.25	23.14	24
			1	76	22.81	22.53	22.45	24
			36	18	23.11	22.97	22.81	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.87	22.58	22.50
	1			77	22.13	22.02	21.88	23
	2			0	22.53	22.25	22.21	23
	2			76	21.97	21.66	21.57	23
	75			0	23.19	22.95	22.76	24
	Inner		1	1	23.35	23.15	22.97	24
			1	76	22.71	22.51	22.40	24
			36	18	23.17	22.95	22.84	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.29	22.00	21.92
		1		77	21.50	21.31	21.23	23
		2		0	22.75	22.47	22.38	23
		2		76	22.01	21.88	21.70	23
		75		0	23.14	22.87	22.76	24
		Inner	1	1	23.22	23.01	22.92	24
			1	76	22.53	22.23	22.17	24
			36	18	23.20	22.92	22.83	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	22.63	22.31	22.32	23
			1	105	21.93	21.65	21.62	23
			2	0	22.78	22.52	22.36	23
			2	104	21.95	21.76	21.61	23
			100	0	23.20	22.92	22.88	24
		Inner	1	1	23.64	23.43	23.23	24
			1	104	23.00	22.82	22.72	24
			50	25	23.15	22.85	22.73	24
		DFT-s-OFDM QPSK	Outer	1	0	22.59	22.39	22.26
	1			105	22.00	21.74	21.57	23
	2			0	22.65	22.48	22.37	23
	2			104	22.03	21.74	21.65	23
	100			0	23.13	22.92	22.86	24
	Inner		1	1	23.67	23.41	23.36	24
			1	104	23.06	22.80	22.70	24
			50	25	23.10	22.86	22.74	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.68	22.55	22.38
		1		105	22.07	21.74	21.71	23
		2		0	22.60	22.38	22.31	23
		2		104	22.10	21.84	21.68	23
		100		0	23.06	22.90	22.79	24
		Inner	1	1	23.50	23.25	23.08	24
			1	104	22.82	22.58	22.42	24
			50	25	23.14	22.90	22.79	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.90	22.61	22.50
	1			105	22.16	21.95	21.86	23
	2			0	22.56	22.27	22.19	23
	2			104	21.94	21.72	21.51	23
	100			0	23.13	22.94	22.82	24
	Inner		1	1	23.33	23.11	22.98	24
			1	104	22.66	22.47	22.42	24
			50	25	23.15	22.98	22.79	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.22	22.01	21.95
		1		105	21.54	21.33	21.17	23
		2		0	22.68	22.50	22.39	23
		2		104	22.00	21.84	21.68	23
100		0		23.14	22.87	22.77	24	
Inner		1	1	23.22	23.01	22.90	24	
		1	104	22.49	22.24	22.17	24	
		50	25	23.13	22.95	22.86	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	22.62	22.32	22.28	23	
			1	132	21.94	21.63	21.64	23	
			2	0	22.74	22.48	22.37	23	
			2	131	21.96	21.72	21.62	23	
			128	0	23.14	22.96	22.84	24	
		Inner	1	1	23.67	23.40	23.30	24	
			1	131	22.98	22.83	22.68	24	
			64	32	23.09	22.86	22.74	24	
		DFT-s-OFDM QPSK	Outer	1	0	22.56	22.39	22.25	23
				1	132	22.00	21.69	21.61	23
				2	0	22.65	22.43	22.31	23
				2	131	22.01	21.77	21.67	23
	128			0	23.12	22.89	22.87	24	
	Inner		1	1	23.70	23.44	23.33	24	
			1	131	23.04	22.82	22.68	24	
			64	32	23.15	22.86	22.72	24	
	DFT-s-OFDM 16QAM		Outer	1	0	22.68	22.55	22.38	23
				1	132	22.03	21.74	21.65	23
				2	0	22.66	22.38	22.30	23
				2	131	22.06	21.86	21.68	23
		128		0	23.12	22.86	22.73	24	
		Inner	1	1	23.46	23.24	23.10	24	
			1	131	22.81	22.55	22.43	24	
			64	32	23.11	22.96	22.77	24	
		DFT-s-OFDM 64QAM	Outer	1	0	22.89	22.62	22.51	23
				1	132	22.13	21.98	21.82	23
				2	0	22.55	22.29	22.17	23
				2	131	21.94	21.67	21.53	23
	128			0	23.18	22.91	22.82	24	
	Inner		1	1	23.34	23.10	23.02	24	
			1	131	22.72	22.50	22.36	24	
			64	32	23.16	22.92	22.79	24	
	DFT-s-OFDM 256QAM		Outer	1	0	22.27	21.96	21.95	23
				1	132	21.56	21.31	21.20	23
				2	0	22.70	22.43	22.39	23
				2	131	22.02	21.81	21.75	23
		128		0	23.10	22.88	22.73	24	
		Inner	1	1	23.26	22.96	22.90	24	
			1	131	22.50	22.21	22.17	24	
			64	32	23.20	22.95	22.83	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	22.61	22.37	22.27	23	
			1	161	21.89	21.66	21.64	23	
			2	0	22.75	22.51	22.33	23	
			2	160	21.92	21.76	21.62	23	
			162	0	23.18	22.92	22.88	24	
		Inner	1	1	23.65	23.43	23.26	24	
			1	160	22.97	22.80	22.71	24	
			81	40	23.08	22.89	22.71	24	
		DFT-s-OFDM QPSK	Outer	1	0	22.62	22.33	22.28	23
				1	161	21.94	21.71	21.55	23
				2	0	22.67	22.47	22.33	23
				2	160	22.02	21.71	21.72	23
	162			0	23.15	22.89	22.84	24	
	Inner		1	1	23.66	23.41	23.35	24	
			1	160	23.08	22.82	22.68	24	
			81	40	23.12	22.83	22.70	24	
	DFT-s-OFDM 16QAM		Outer	1	0	22.75	22.51	22.42	23
				1	161	22.04	21.75	21.67	23
				2	0	22.66	22.36	22.36	23
				2	160	22.06	21.80	21.69	23
		162		0	23.06	22.87	22.76	24	
		Inner	1	1	23.49	23.25	23.14	24	
			1	160	22.81	22.53	22.45	24	
			81	40	23.11	22.97	22.81	24	
		DFT-s-OFDM 64QAM	Outer	1	0	22.87	22.58	22.50	23
				1	161	22.13	22.02	21.88	23
				2	0	22.53	22.25	22.21	23
				2	160	21.97	21.66	21.57	23
	162			0	23.19	22.95	22.76	24	
	Inner		1	1	23.35	23.15	22.97	24	
			1	160	22.71	22.51	22.40	24	
			81	40	23.17	22.95	22.84	24	
	DFT-s-OFDM 256QAM		Outer	1	0	22.29	22.00	21.92	23
				1	161	21.50	21.31	21.23	23
				2	0	22.75	22.47	22.38	23
				2	160	22.01	21.88	21.70	23
		162		0	23.14	22.87	22.76	24	
		Inner	1	1	23.22	23.01	22.92	24	
			1	160	22.53	22.23	22.17	24	
			81	40	23.20	22.92	22.83	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	22.64	22.33	22.31	23	
			1	188	21.95	21.66	21.58	23	
			2	0	22.73	22.53	22.34	23	
			2	187	21.98	21.70	21.62	23	
			180	0	23.16	22.89	22.87	24	
		Inner	1	1	23.70	23.43	23.23	24	
			1	187	22.97	22.77	22.67	24	
			90	45	23.14	22.90	22.72	24	
		DFT-s-OFDM QPSK	Outer	1	0	22.62	22.33	22.29	23
				1	188	21.94	21.73	21.58	23
	2			0	22.71	22.41	22.38	23	
	2			187	21.99	21.75	21.68	23	
	180			0	23.16	22.88	22.87	24	
	Inner		1	1	23.70	23.42	23.32	24	
			1	187	23.03	22.76	22.74	24	
			90	45	23.16	22.89	22.68	24	
	DFT-s-OFDM 16QAM		Outer	1	0	22.69	22.49	22.38	23
				1	188	22.06	21.76	21.70	23
		2		0	22.66	22.37	22.33	23	
		2		187	22.05	21.80	21.68	23	
		180		0	23.12	22.90	22.77	24	
		Inner	1	1	23.46	23.26	23.15	24	
			1	187	22.82	22.58	22.45	24	
			90	45	23.11	22.91	22.81	24	
		DFT-s-OFDM 64QAM	Outer	1	0	22.90	22.59	22.55	23
				1	188	22.18	22.02	21.84	23
	2			0	22.51	22.22	22.19	23	
	2			187	21.96	21.68	21.56	23	
	180			0	23.18	22.92	22.79	24	
	Inner		1	1	23.33	23.10	23.01	24	
			1	187	22.71	22.44	22.43	24	
			90	45	23.15	22.96	22.80	24	
	DFT-s-OFDM 256QAM		Outer	1	0	22.28	21.95	21.92	23
				1	188	21.52	21.30	21.23	23
		2		0	22.75	22.49	22.33	23	
		2		187	22.02	21.81	21.74	23	
		180		0	23.10	22.86	22.70	24	
		Inner	1	1	23.22	23.01	22.89	24	
			1	187	22.49	22.24	22.17	24	
			90	45	23.19	22.92	22.87	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	22.62	22.32	22.28	23
			1	216	21.94	21.63	21.64	23
			2	0	22.74	22.48	22.37	23
			2	215	21.96	21.72	21.62	23
			216	0	23.14	22.96	22.84	24
		Inner	1	1	23.67	23.40	23.30	24
			1	215	22.98	22.83	22.68	24
			108	54	23.09	22.86	22.74	24
		DFT-s-OFDM QPSK	Outer	1	0	22.56	22.39	22.25
	1			216	22.00	21.69	21.61	23
	2			0	22.65	22.43	22.31	23
	2			215	22.01	21.77	21.67	23
	216			0	23.12	22.89	22.87	24
	Inner		1	1	23.66	23.42	23.32	24
			1	215	23.02	22.79	22.74	24
			108	54	23.09	22.89	22.70	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.68	22.56	22.42
		1		216	22.05	21.77	21.64	23
		2		0	22.60	22.43	22.36	23
		2		215	22.07	21.83	21.62	23
		216		0	23.08	22.89	22.78	24
		Inner	1	1	23.46	23.24	23.11	24
			1	215	22.76	22.55	22.48	24
			108	54	23.11	22.96	22.77	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.83	22.62	22.56
	1			216	22.17	21.98	21.82	23
	2			0	22.50	22.29	22.23	23
	2			215	21.94	21.69	21.54	23
	216			0	23.18	22.91	22.83	24
	Inner		1	1	23.31	23.14	22.98	24
			1	215	22.70	22.46	22.42	24
			108	54	23.21	22.93	22.80	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.24	21.94	21.95
		1		216	21.57	21.36	21.17	23
		2		0	22.71	22.43	22.35	23
		2		215	22.03	21.83	21.74	23
		216		0	23.13	22.90	22.71	24
		Inner	1	1	23.26	22.95	22.94	24
			1	215	22.48	22.25	22.14	24
			108	54	23.19	22.89	22.90	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	22.66	22.35	22.25	23
			1	244	21.92	21.68	21.60	23
			2	0	22.77	22.55	22.34	23
			2	243	21.94	21.72	21.66	23
			240	0	23.21	22.95	22.84	24
		Inner	1	1	23.63	23.38	23.29	24
			1	243	23.03	22.81	22.70	24
			120	60	23.13	22.90	22.70	24
		DFT-s-OFDM QPSK	Outer	1	0	22.60	22.36	22.28
	1			244	21.96	21.75	21.60	23
	2			0	22.71	22.41	22.38	23
	2			243	21.99	21.75	21.68	23
	240			0	23.16	22.88	22.87	24
	Inner		1	1	23.71	23.44	23.29	24
			1	243	23.03	22.81	22.72	24
			120	60	23.15	22.84	22.71	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.70	22.49	22.42
		1		244	22.08	21.80	21.64	23
		2		0	22.61	22.36	22.32	23
		2		243	22.09	21.87	21.66	23
		240		0	23.12	22.83	22.80	24
		Inner	1	1	23.44	23.27	23.11	24
			1	243	22.81	22.52	22.49	24
			120	60	23.11	22.94	22.78	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.88	22.57	22.56
	1			244	22.19	21.96	21.85	23
	2			0	22.52	22.22	22.23	23
	2			243	21.98	21.72	21.50	23
	240			0	23.13	22.91	22.78	24
	Inner		1	1	23.36	23.12	23.01	24
			1	243	22.71	22.45	22.39	24
			120	60	23.17	22.92	22.83	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.28	21.94	21.96
		1		244	21.50	21.34	21.20	23
		2		0	22.74	22.43	22.40	23
		2		243	21.96	21.85	21.71	23
		240		0	23.15	22.86	22.76	24
		Inner	1	1	23.26	22.96	22.90	24
			1	243	22.50	22.21	22.17	24
			120	60	23.20	22.95	22.83	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	22.67	22.39	22.33	23
			1	272	21.96	21.71	21.66	23
			2	0	22.79	22.56	22.38	23
			2	271	22.00	21.77	21.67	23
			270	0	23.22	22.97	22.89	24
		Inner	1	1	23.71	23.45	23.31	24
			1	271	23.04	22.85	22.73	24
			135	67	23.16	22.91	22.76	24
		DFT-s-OFDM QPSK	Outer	1	0	22.64	22.41	22.30
	1			272	22.02	21.77	21.63	23
	2			0	22.73	22.49	22.39	23
	2			271	22.07	21.79	21.73	23
	270			0	23.19	22.94	22.89	24
	Inner		1	1	23.72	23.49	23.37	24
			1	271	23.09	22.84	22.76	24
			135	67	23.17	22.91	22.76	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.76	22.57	22.44
		1		272	22.09	21.82	21.72	23
		2		0	22.68	22.44	22.38	23
		2		271	22.11	21.88	21.70	23
		270		0	23.14	22.91	22.81	24
		Inner	1	1	23.52	23.31	23.16	24
			1	271	22.83	22.60	22.50	24
			135	67	23.19	22.98	22.83	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.91	22.63	22.58
	1			272	22.21	22.03	21.90	23
	2			0	22.58	22.30	22.25	23
	2			271	21.99	21.74	21.58	23
	270			0	23.20	22.99	22.84	24
	Inner		1	1	23.39	23.18	23.03	24
			1	271	22.73	22.52	22.44	24
			135	67	23.23	23.00	22.85	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.30	22.02	21.97
		1		272	21.58	21.38	21.25	23
		2		0	22.76	22.51	22.41	23
		2		271	22.04	21.89	21.76	23
		270		0	23.18	22.92	22.78	24
		Inner	1	1	23.28	23.03	22.95	24
			1	271	22.56	22.29	22.19	24
			135	67	23.21	22.97	22.91	24



**BUREAU
VERITAS**

Test Report No.: W7L-P22020005RF03

N77 C-HPUE LTE7

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	23.96	23.78	23.71	23
			1	50	23.33	23.19	23.07	23
			2	0	24.14	24.02	23.95	23
			2	49	23.37	23.20	23.17	23
			51	0	24.05	23.95	23.89	23
		Inner	1	1	25.22	25.14	24.99	24
			1	49	24.43	24.27	24.18	24
			25	12	24.64	24.50	24.33	24
		CP-OFDM 16QAM	Outer	1	0	24.23	24.00	24.01
	1			50	23.53	23.38	23.33	23
	2			0	24.11	23.94	23.88	23
	2			49	23.40	23.24	23.22	23
	51			0	24.09	23.96	23.91	23
	Inner		1	1	24.95	24.74	24.74	24
			1	49	24.23	24.06	24.06	24
			25	12	24.64	24.46	24.34	24
	CP-OFDM 64QAM		Outer	1	0	24.24	24.04	24.02
		1		50	23.59	23.46	23.38	23
		2		0	24.02	23.85	23.82	23
		2		49	23.26	23.09	23.07	23
		51		0	23.63	23.42	23.43	23
		Inner	1	1	24.71	24.58	24.53	23
			1	49	24.60	24.35	24.36	23
			25	12	24.60	24.48	24.45	23
		CP-OFDM 256QAM	Outer	1	0	22.50	22.30	22.28
	1			50	22.34	22.19	22.08	20
	2			0	22.46	22.27	22.29	20
	2			49	22.23	22.13	22.01	20
	51			0	22.54	22.38	22.28	20
	Inner		1	1	24.02	23.90	23.83	20
			1	49	23.43	23.29	23.15	20
			25	12	23.56	23.44	23.45	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	23.93	23.82	23.67	23
			1	77	23.27	23.19	23.13	23
			2	0	24.16	24.00	23.94	23
			2	76	23.31	23.26	23.17	23
			78	0	24.07	23.98	23.90	23
		Inner	1	1	25.17	25.14	25.02	24
			1	76	24.43	24.30	24.22	24
			39	19	24.58	24.49	24.32	24
		CP-OFDM 16QAM	Outer	1	0	24.23	24.00	24.00
	1			77	23.53	23.36	23.30	23
	2			0	24.07	24.00	23.83	23
	2			76	23.43	23.20	23.26	23
	78			0	24.08	23.97	23.88	23
	Inner		1	1	24.91	24.73	24.77	24
			1	76	24.28	24.12	24.00	24
			39	19	24.60	24.40	24.36	24
	CP-OFDM 64QAM		Outer	1	0	24.30	24.06	24.06
		1		77	23.57	23.45	23.35	23
		2		0	24.02	23.84	23.85	23
		2		76	23.27	23.09	23.08	23
		78		0	23.57	23.46	23.39	23
		Inner	1	1	24.76	24.56	24.56	23
			1	76	24.60	24.36	24.32	23
			39	19	24.60	24.51	24.48	23
		CP-OFDM 256QAM	Outer	1	0	22.49	22.31	22.22
	1			77	22.28	22.25	22.11	20
	2			0	22.47	22.30	22.27	20
	2			76	22.22	22.07	22.08	20
	78			0	22.54	22.38	22.28	20
	Inner		1	1	24.02	23.90	23.83	20
			1	76	23.43	23.29	23.15	20
			39	19	23.56	23.44	23.45	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	23.95	23.76	23.72	23
			1	105	23.31	23.18	23.11	23
			2	0	24.19	24.01	23.97	23
			2	104	23.34	23.26	23.16	23
			106	0	24.09	23.98	23.90	23
		Inner	1	1	25.16	25.14	24.99	24
			1	104	24.46	24.32	24.23	24
			53	26	24.65	24.45	24.34	24
	CP-OFDM 16QAM	Outer	1	0	24.20	24.06	23.98	23
			1	105	23.59	23.39	23.32	23
			2	0	24.05	24.01	23.87	23
			2	104	23.44	23.23	23.19	23
			106	0	24.06	24.00	23.90	23
		Inner	1	1	24.92	24.73	24.78	24
			1	104	24.26	24.10	24.02	24
			53	26	24.58	24.43	24.40	24
	CP-OFDM 64QAM	Outer	1	0	24.23	24.10	24.02	23
			1	105	23.60	23.44	23.39	23
			2	0	23.96	23.86	23.80	23
			2	104	23.31	23.13	23.07	23
			106	0	23.57	23.49	23.42	23
		Inner	1	1	24.77	24.56	24.50	23
			1	104	24.61	24.41	24.29	23
			53	26	24.63	24.44	24.46	23
	CP-OFDM 256QAM	Outer	1	0	22.52	22.34	22.22	20
			1	105	22.31	22.18	22.09	20
			2	0	22.50	22.32	22.25	20
			2	104	22.19	22.13	22.02	20
			106	0	22.48	22.37	22.34	20
		Inner	1	1	24.00	23.86	23.84	20
			1	104	23.38	23.25	23.17	20
			53	26	23.54	23.47	23.40	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	23.94	23.77	23.68	23
			1	132	23.32	23.16	23.13	23
			2	0	24.15	23.97	23.98	23
			2	131	23.35	23.22	23.17	23
			133	0	24.03	24.02	23.86	23
		Inner	1	1	25.19	25.11	25.06	24
			1	131	24.44	24.33	24.19	24
			67	33	24.59	24.46	24.35	24
		CP-OFDM 16QAM	Outer	1	0	24.17	24.06	23.97
	1			132	23.59	23.34	23.36	23
	2			0	24.05	23.96	23.81	23
	2			131	23.42	23.26	23.21	23
	133			0	24.05	23.97	23.91	23
	Inner		1	1	24.95	24.76	24.75	24
			1	131	24.24	24.12	24.00	24
			67	33	24.63	24.43	24.38	24
	CP-OFDM 64QAM		Outer	1	0	24.23	24.10	24.02
		1		132	23.56	23.44	23.33	23
		2		0	24.02	23.86	23.79	23
		2		131	23.27	23.15	23.07	23
		133		0	23.63	23.45	23.36	23
		Inner	1	1	24.73	24.55	24.52	23
			1	131	24.60	24.38	24.30	23
			67	33	24.60	24.50	24.44	23
		CP-OFDM 256QAM	Outer	1	0	22.51	22.35	22.23
	1			132	22.28	22.21	22.05	20
	2			0	22.49	22.34	22.23	20
	2			131	22.19	22.08	22.04	20
	133			0	22.53	22.34	22.34	20
	Inner		1	1	24.01	23.85	23.88	20
			1	131	23.44	23.28	23.11	20
			67	33	23.55	23.41	23.40	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	23.93	23.82	23.67	23
			1	161	23.27	23.19	23.13	23
			2	0	24.16	24.00	23.94	23
			2	160	23.31	23.26	23.17	23
		162	0	24.07	23.98	23.90	23	
		Inner	1	1	25.17	25.14	25.02	24
			1	160	24.43	24.30	24.22	24
			81	40	24.58	24.49	24.32	24
	CP-OFDM 16QAM	Outer	1	0	24.23	24.00	24.00	23
			1	161	23.53	23.36	23.30	23
			2	0	24.07	24.00	23.83	23
			2	160	23.43	23.20	23.26	23
		162	0	24.08	23.97	23.88	23	
		Inner	1	1	24.91	24.73	24.77	24
			1	160	24.28	24.12	24.00	24
			81	40	24.60	24.40	24.36	24
	CP-OFDM 64QAM	Outer	1	0	24.30	24.06	24.06	23
			1	161	23.57	23.45	23.35	23
			2	0	24.02	23.84	23.85	23
			2	160	23.27	23.09	23.08	23
		162	0	23.57	23.46	23.39	23	
		Inner	1	1	24.76	24.56	24.56	23
			1	160	24.60	24.36	24.32	23
			81	40	24.60	24.51	24.48	23
	CP-OFDM 256QAM	Outer	1	0	22.49	22.31	22.22	20
			1	161	22.28	22.25	22.11	20
			2	0	22.47	22.30	22.27	20
			2	160	22.22	22.07	22.08	20
		162	0	22.54	22.38	22.28	20	
		Inner	1	1	24.02	23.90	23.83	20
			1	160	23.43	23.29	23.15	20
			81	40	23.56	23.44	23.45	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	23.96	23.78	23.71	23
			1	188	23.33	23.19	23.07	23
			2	0	24.14	24.02	23.95	23
			2	187	23.37	23.20	23.17	23
			189	0	24.05	23.95	23.89	23
		Inner	1	1	25.22	25.14	24.99	24
			1	187	24.43	24.27	24.18	24
			95	47	24.64	24.50	24.33	24
		CP-OFDM 16QAM	Outer	1	0	24.23	24.00	24.01
	1			188	23.53	23.38	23.33	23
	2			0	24.11	23.94	23.88	23
	2			187	23.40	23.24	23.22	23
	189			0	24.09	23.96	23.91	23
	Inner		1	1	24.95	24.74	24.74	24
			1	187	24.23	24.06	24.06	24
			95	47	24.64	24.46	24.34	24
	CP-OFDM 64QAM		Outer	1	0	24.24	24.04	24.02
		1		188	23.59	23.46	23.38	23
		2		0	24.02	23.85	23.82	23
		2		187	23.26	23.09	23.07	23
		189		0	23.63	23.49	23.40	23
		Inner	1	1	24.73	24.57	24.57	23
			1	187	24.61	24.41	24.32	23
			95	47	24.60	24.45	24.48	23
		CP-OFDM 256QAM	Outer	1	0	22.52	22.32	22.27
	1			188	22.33	22.25	22.07	20
	2			0	22.45	22.27	22.25	20
	2			187	22.21	22.09	22.07	20
	189			0	22.53	22.35	22.31	20
	Inner		1	1	24.00	23.85	23.87	20
			1	187	23.43	23.22	23.18	20
			95	47	23.54	23.45	23.41	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	23.94	23.77	23.68	23
			1	216	23.32	23.16	23.13	23
			2	0	24.15	23.97	23.98	23
			2	215	23.35	23.22	23.17	23
			217	0	24.03	24.02	23.86	23
		Inner	1	1	25.19	25.11	25.06	24
			1	215	24.44	24.33	24.19	24
			109	54	24.59	24.46	24.35	24
	CP-OFDM 16QAM	Outer	1	0	24.17	24.06	23.97	23
			1	216	23.59	23.34	23.36	23
			2	0	24.05	23.96	23.81	23
			2	215	23.42	23.26	23.21	23
			217	0	24.05	23.97	23.91	23
		Inner	1	1	24.91	24.74	24.74	24
			1	215	24.22	24.09	24.06	24
			109	54	24.57	24.46	24.36	24
	CP-OFDM 64QAM	Outer	1	0	24.23	24.11	24.06	23
			1	216	23.58	23.47	23.32	23
			2	0	23.96	23.91	23.85	23
			2	215	23.28	23.12	23.01	23
			217	0	23.59	23.48	23.41	23
		Inner	1	1	24.73	24.55	24.53	23
			1	215	24.55	24.38	24.35	23
			109	54	24.60	24.50	24.44	23
	CP-OFDM 256QAM	Outer	1	0	22.45	22.35	22.28	20
			1	216	22.32	22.21	22.05	20
			2	0	22.44	22.34	22.29	20
			2	215	22.19	22.10	22.05	20
			217	0	22.53	22.34	22.35	20
		Inner	1	1	23.98	23.89	23.84	20
			1	215	23.42	23.24	23.17	20
			109	54	23.60	23.42	23.41	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	23.98	23.80	23.65	23
			1	244	23.30	23.21	23.09	23
			2	0	24.18	24.04	23.95	23
			2	243	23.33	23.22	23.21	23
			245	0	24.10	24.01	23.86	23
		Inner	1	1	25.15	25.09	25.05	24
			1	243	24.49	24.31	24.21	24
			123	61	24.63	24.50	24.31	24
		CP-OFDM 16QAM	Outer	1	0	24.21	24.03	24.00
	1			244	23.55	23.40	23.35	23
	2			0	24.11	23.94	23.88	23
	2			243	23.40	23.24	23.22	23
	245			0	24.09	23.96	23.91	23
	Inner		1	1	24.96	24.76	24.71	24
			1	243	24.23	24.11	24.04	24
			123	61	24.63	24.41	24.37	24
	CP-OFDM 64QAM		Outer	1	0	24.25	24.04	24.06
		1		244	23.61	23.50	23.32	23
		2		0	23.97	23.84	23.81	23
		2		243	23.30	23.16	23.05	23
		245		0	23.63	23.42	23.43	23
		Inner	1	1	24.71	24.58	24.53	23
			1	243	24.60	24.35	24.36	23
			123	61	24.60	24.48	24.45	23
		CP-OFDM 256QAM	Outer	1	0	22.50	22.30	22.28
	1			244	22.34	22.19	22.08	20
	2			0	22.46	22.27	22.29	20
	2			243	22.23	22.13	22.01	20
	245			0	22.48	22.34	22.30	20
	Inner		1	1	24.03	23.87	23.87	20
			1	243	23.43	23.23	23.14	20
			123	61	23.56	23.41	23.44	20

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	23.99	23.84	23.73	23
			1	272	23.34	23.24	23.15	23
			2	0	24.20	24.05	23.99	23
			2	271	23.39	23.27	23.22	23
			273	0	24.11	24.03	23.91	23
		Inner	1	1	25.23	25.16	25.07	24
			1	271	24.50	24.35	24.24	24
	137		68	24.66	24.51	24.37	24	
	CP-OFDM 16QAM	Outer	1	0	24.25	24.08	24.02	23
			1	272	23.61	23.42	23.38	23
			2	0	24.13	24.02	23.89	23
			2	271	23.48	23.28	23.27	23
			273	0	24.12	24.02	23.93	23
		Inner	1	1	24.97	24.81	24.79	24
			1	271	24.29	24.14	24.08	24
	137		68	24.65	24.48	24.42	24	
	CP-OFDM 64QAM	Outer	1	0	24.31	24.12	24.08	23
			1	272	23.62	23.52	23.40	23
			2	0	24.04	23.92	23.87	23
			2	271	23.32	23.17	23.09	23
			273	0	23.65	23.50	23.44	23
		Inner	1	1	24.79	24.62	24.58	23
			1	271	24.62	24.43	24.37	23
	137		68	24.68	24.52	24.50	23	
	CP-OFDM 256QAM	Outer	1	0	22.53	22.36	22.30	20
			1	272	22.36	22.26	22.13	20
			2	0	22.52	22.35	22.31	20
			2	271	22.24	22.15	22.09	20
			273	0	22.55	22.42	22.36	20
		Inner	1	1	24.06	23.93	23.89	20
			1	271	23.45	23.30	23.19	20
	137		68	23.62	23.49	23.46	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	23.62	23.36	23.25	23
			1	50	22.94	22.72	22.56	23
			2	0	23.68	23.48	23.37	23
			2	49	22.98	22.73	22.66	23
			50	0	23.61	23.43	23.33	24
		Inner	1	1	26.64	26.48	26.29	24
			1	49	25.98	25.74	25.61	24
			25	12	26.15	25.93	25.72	24
	DFT-s-OFDM QPSK	Outer	1	0	23.63	23.32	23.29	23
			1	50	22.95	22.72	22.63	23
			2	0	23.71	23.46	23.36	23
			2	49	22.99	22.75	22.69	23
			50	0	23.63	23.42	23.33	24
		Inner	1	1	26.62	26.31	26.33	24
			1	49	26.04	25.78	25.60	24
			25	12	26.07	25.78	25.64	24
	DFT-s-OFDM 16QAM	Outer	1	0	23.74	23.46	23.40	23
			1	50	23.02	22.81	22.69	23
			2	0	23.65	23.40	23.33	23
			2	49	23.02	22.77	22.71	23
			50	0	23.62	23.33	23.30	24
		Inner	2	49	26.43	26.22	26.13	24
			25	12	25.86	25.53	25.50	24
			50	0	26.07	25.87	25.80	24
	DFT-s-OFDM 64QAM	Outer	1	0	23.89	23.61	23.55	23
			1	50	23.22	22.99	22.84	23
			2	0	23.52	23.25	23.23	23
			2	49	22.92	22.74	22.50	23
			50	0	23.69	23.45	23.31	24
		Inner	1	1	26.31	26.11	26.00	24
			1	49	25.76	25.54	25.36	24
			25	12	26.10	25.90	25.87	24
	DFT-s-OFDM 256QAM	Outer	1	0	23.30	23.04	22.90	23
			1	50	22.52	22.35	22.25	23
			2	0	23.69	23.46	23.38	23
			2	49	23.01	22.87	22.67	23
			50	0	23.64	23.35	23.32	24
		Inner	1	1	26.20	25.99	25.90	24
			1	49	25.54	25.25	25.17	24
			25	12	26.14	25.99	25.81	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	23.59	23.40	23.21	23
			1	77	22.88	22.72	22.62	23
			2	0	23.70	23.46	23.36	23
			2	76	22.92	22.79	22.66	23
			75	0	23.63	23.46	23.34	24
		Inner	1	1	26.59	26.48	26.32	24
			1	76	25.98	25.77	25.65	24
			36	18	26.09	25.92	25.71	24
		DFT-s-OFDM QPSK	Outer	1	0	23.63	23.32	23.28
	1			77	22.95	22.70	22.60	23
	2			0	23.67	23.52	23.31	23
	2			76	23.02	22.71	22.73	23
	75			0	23.62	23.43	23.30	24
	Inner		1	1	26.58	26.30	26.36	24
			1	76	26.09	25.84	25.54	24
			36	18	26.03	25.72	25.66	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.80	23.48	23.44
		1		77	23.00	22.80	22.66	23
		2		0	23.65	23.39	23.36	23
		2		76	23.03	22.77	22.72	23
		75		0	23.56	23.37	23.26	24
		Inner	1	1	26.48	26.20	26.16	24
			1	76	25.86	25.54	25.46	24
			36	18	26.07	25.90	25.83	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.88	23.62	23.49
	1			77	23.16	23.05	22.87	23
	2			0	23.53	23.28	23.21	23
	2			76	22.91	22.68	22.57	23
	75			0	23.69	23.45	23.31	24
	Inner		1	1	26.31	26.11	26.00	24
			1	76	25.76	25.54	25.36	24
			36	18	26.10	25.90	25.87	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.30	23.04	22.90
		1		77	22.52	22.35	22.25	23
		2		0	23.69	23.46	23.38	23
		2		76	23.01	22.87	22.67	23
		75		0	23.64	23.35	23.32	24
		Inner	1	1	26.20	25.99	25.90	24
			1	76	25.53	25.27	25.16	24
			36	18	26.21	25.98	25.78	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	23.61	23.34	23.26	23
			1	105	22.92	22.71	22.60	23
			2	0	23.73	23.47	23.39	23
			2	104	22.95	22.79	22.65	23
			100	0	23.65	23.46	23.34	24
		Inner	1	1	26.58	26.48	26.29	24
			1	104	26.01	25.79	25.66	24
			50	25	26.16	25.88	25.73	24
		DFT-s-OFDM QPSK	Outer	1	0	23.60	23.38	23.26
	1			105	23.01	22.73	22.62	23
	2			0	23.65	23.53	23.35	23
	2			104	23.03	22.74	22.66	23
	100			0	23.60	23.46	23.32	24
	Inner		1	1	26.59	26.30	26.37	24
			1	104	26.07	25.82	25.56	24
			50	25	26.01	25.75	25.70	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.73	23.52	23.40
		1		105	23.03	22.79	22.70	23
		2		0	23.59	23.41	23.31	23
		2		104	23.07	22.81	22.71	23
		100		0	23.56	23.40	23.29	24
		Inner	1	1	26.49	26.20	26.10	24
			1	104	25.87	25.59	25.43	24
			50	25	26.10	25.83	25.81	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.91	23.65	23.49
	1			105	23.19	22.98	22.85	23
	2			0	23.56	23.30	23.19	23
	2			104	22.88	22.74	22.51	23
	100			0	23.63	23.44	23.37	24
	Inner		1	1	26.29	26.07	26.01	24
			1	104	25.71	25.50	25.38	24
			50	25	26.08	25.93	25.82	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.23	23.05	22.93
		1		105	22.56	22.37	22.19	23
		2		0	23.62	23.49	23.39	23
		2		104	23.00	22.83	22.65	23
		100		0	23.64	23.35	23.33	24
		Inner	1	1	26.20	25.99	25.88	24
			1	104	25.49	25.28	25.16	24
			50	25	26.14	26.01	25.81	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	23.60	23.35	23.22	23	
			1	132	22.93	22.69	22.62	23	
			2	0	23.69	23.43	23.40	23	
			2	131	22.96	22.75	22.66	23	
			128	0	23.59	23.50	23.30	24	
		Inner	1	1	26.61	26.45	26.36	24	
			1	131	25.99	25.80	25.62	24	
			64	32	26.10	25.89	25.74	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.57	23.38	23.25	23
				1	132	23.01	22.68	22.66	23
				2	0	23.65	23.48	23.29	23
				2	131	23.01	22.77	22.68	23
	128			0	23.59	23.43	23.33	24	
	Inner		1	1	26.62	26.33	26.34	24	
			1	131	26.05	25.84	25.54	24	
			64	32	26.06	25.75	25.68	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.73	23.52	23.40	23
				1	132	22.99	22.79	22.64	23
				2	0	23.65	23.41	23.30	23
				2	131	23.03	22.83	22.71	23
		128		0	23.62	23.36	23.23	24	
		Inner	1	1	26.45	26.19	26.12	24	
			1	131	25.86	25.56	25.44	24	
			64	32	26.07	25.89	25.79	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.90	23.66	23.50	23
				1	132	23.16	23.01	22.81	23
				2	0	23.55	23.32	23.17	23
				2	131	22.88	22.69	22.53	23
	128			0	23.68	23.41	23.37	24	
	Inner		1	1	26.30	26.06	26.05	24	
			1	131	25.77	25.53	25.32	24	
			64	32	26.09	25.87	25.82	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.28	23.00	22.93	23
				1	132	22.58	22.35	22.22	23
				2	0	23.64	23.42	23.39	23
				2	131	23.02	22.80	22.72	23
		128		0	23.60	23.36	23.29	24	
		Inner	1	1	26.24	25.94	25.88	24	
			1	131	25.50	25.25	25.16	24	
			64	32	26.21	26.01	25.78	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	23.59	23.40	23.21	23	
			1	161	22.88	22.72	22.62	23	
			2	0	23.70	23.46	23.36	23	
			2	160	22.92	22.79	22.66	23	
			162	0	23.63	23.46	23.34	24	
		Inner	1	1	26.59	26.48	26.32	24	
			1	160	25.98	25.77	25.65	24	
			81	40	26.09	25.92	25.71	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.63	23.32	23.28	23
				1	161	22.95	22.70	22.60	23
				2	0	23.67	23.52	23.31	23
				2	160	23.02	22.71	22.73	23
	162			0	23.62	23.43	23.30	24	
	Inner		1	1	26.58	26.30	26.36	24	
			1	160	26.09	25.84	25.54	24	
			81	40	26.03	25.72	25.66	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.80	23.48	23.44	23
				1	161	23.00	22.80	22.66	23
				2	0	23.65	23.39	23.36	23
				2	160	23.03	22.77	22.72	23
		162		0	23.56	23.37	23.26	24	
		Inner	1	1	26.48	26.20	26.16	24	
			1	160	25.86	25.54	25.46	24	
			81	40	26.07	25.90	25.83	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.88	23.62	23.49	23
				1	161	23.16	23.05	22.87	23
				2	0	23.53	23.28	23.21	23
				2	160	22.91	22.68	22.57	23
	162			0	23.69	23.45	23.31	24	
	Inner		1	1	26.31	26.11	26.00	24	
			1	160	25.76	25.54	25.36	24	
			81	40	26.10	25.90	25.87	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.30	23.04	22.90	23
				1	161	22.52	22.35	22.25	23
				2	0	23.69	23.46	23.38	23
				2	160	23.01	22.87	22.67	23
		162		0	23.64	23.35	23.32	24	
		Inner	1	1	26.20	25.99	25.90	24	
			1	160	25.53	25.27	25.16	24	
			81	40	26.21	25.98	25.78	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	23.62	23.36	23.25	23	
			1	188	22.94	22.72	22.56	23	
			2	0	23.68	23.48	23.37	23	
			2	187	22.98	22.73	22.66	23	
			180	0	23.61	23.43	23.33	24	
		Inner	1	1	26.64	26.48	26.29	24	
			1	187	25.98	25.74	25.61	24	
			90	45	26.15	25.93	25.72	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.63	23.32	23.29	23
				1	188	22.95	22.72	22.63	23
				2	0	23.71	23.46	23.36	23
				2	187	22.99	22.75	22.69	23
	180			0	23.63	23.42	23.33	24	
	Inner		1	1	26.62	26.31	26.33	24	
			1	187	26.04	25.78	25.60	24	
			90	45	26.07	25.78	25.64	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.74	23.46	23.40	23
				1	188	23.02	22.81	22.69	23
				2	0	23.65	23.40	23.33	23
				2	187	23.02	22.77	22.71	23
		180		0	23.62	23.40	23.27	24	
		Inner	1	1	26.45	26.21	26.17	24	
			1	187	25.87	25.59	25.46	24	
			90	45	26.07	25.84	25.83	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.91	23.63	23.54	23
				1	188	23.21	23.05	22.83	23
				2	0	23.51	23.25	23.19	23
				2	187	22.90	22.70	22.56	23
	180			0	23.68	23.42	23.34	24	
	Inner		1	1	26.29	26.06	26.04	24	
			1	187	25.76	25.47	25.39	24	
			90	45	26.08	25.91	25.83	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.29	22.99	22.90	23
				1	188	22.54	22.34	22.25	23
				2	0	23.69	23.48	23.33	23
				2	187	23.02	22.80	22.71	23
		180		0	23.60	23.34	23.26	24	
		Inner	1	1	26.20	25.99	25.87	24	
			1	187	25.49	25.28	25.16	24	
			90	45	26.20	25.98	25.82	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	23.60	23.35	23.22	23		
			1	216	22.93	22.69	22.62	23		
			2	0	23.69	23.43	23.40	23		
			2	215	22.96	22.75	22.66	23		
			216	0	23.59	23.50	23.30	24		
		Inner	1	1	26.61	26.45	26.36	24		
			1	215	25.99	25.80	25.62	24		
			108	54	26.10	25.89	25.74	24		
			DFT-s-OFDM QPSK	Outer	1	0	23.57	23.38	23.25	23
					1	216	23.01	22.68	22.66	23
	2	0			23.65	23.48	23.29	23		
	2	215			23.01	22.77	22.68	23		
	216	0			23.59	23.43	23.33	24		
	Inner	1		1	26.58	26.31	26.33	24		
		1		215	26.03	25.81	25.60	24		
		108		54	26.00	25.78	25.66	24		
		DFT-s-OFDM 16QAM		Outer	1	0	23.73	23.53	23.44	23
					1	216	23.01	22.82	22.63	23
	2		0		23.59	23.46	23.36	23		
	2		215		23.04	22.80	22.65	23		
	216		0		23.58	23.39	23.28	24		
	Inner		1	1	26.45	26.19	26.13	24		
			1	215	25.81	25.56	25.49	24		
			108	54	26.07	25.89	25.79	24		
			DFT-s-OFDM 64QAM	Outer	1	0	23.84	23.66	23.55	23
					1	216	23.20	23.01	22.81	23
	2	0			23.50	23.32	23.23	23		
	2	215			22.88	22.71	22.54	23		
	216	0			23.68	23.41	23.38	24		
	Inner	1		1	26.27	26.10	26.01	24		
		1		215	25.75	25.49	25.38	24		
		108		54	26.14	25.88	25.83	24		
		DFT-s-OFDM 256QAM		Outer	1	0	23.25	22.98	22.93	23
					1	216	22.59	22.40	22.19	23
	2		0		23.65	23.42	23.35	23		
	2		215		23.03	22.82	22.71	23		
	216		0		23.63	23.38	23.27	24		
	Inner		1	1	26.24	25.93	25.92	24		
			1	215	25.48	25.29	25.13	24		
			108	54	26.20	25.95	25.85	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	23.64	23.38	23.19	23
			1	244	22.91	22.74	22.58	23
			2	0	23.72	23.50	23.37	23
			2	243	22.94	22.75	22.70	23
			240	0	23.66	23.49	23.30	24
		Inner	1	1	26.57	26.43	26.35	24
			1	243	26.04	25.78	25.64	24
			120	60	26.14	25.93	25.70	24
		DFT-s-OFDM QPSK	Outer	1	0	23.61	23.35	23.28
	1			244	22.97	22.74	22.65	23
	2			0	23.71	23.46	23.36	23
	2			243	22.99	22.75	22.69	23
	240			0	23.63	23.42	23.33	24
	Inner		1	1	26.63	26.33	26.30	24
			1	243	26.04	25.83	25.58	24
			120	60	26.06	25.73	25.67	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.75	23.46	23.44
		1		244	23.04	22.85	22.63	23
		2		0	23.60	23.39	23.32	23
		2		243	23.06	22.84	22.69	23
		240		0	23.62	23.33	23.30	24
		Inner	1	1	26.43	26.22	26.13	24
			1	243	25.86	25.53	25.50	24
			120	60	26.07	25.87	25.80	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.89	23.61	23.55
	1			244	23.22	22.99	22.84	23
	2			0	23.52	23.25	23.23	23
	2			243	22.92	22.74	22.50	23
	240			0	23.63	23.41	23.33	24
	Inner		1	1	26.32	26.08	26.04	24
			1	243	25.76	25.48	25.35	24
			120	60	26.10	25.87	25.86	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.29	22.98	22.94
		1		244	22.52	22.38	22.22	23
		2		0	23.68	23.42	23.40	23
		2		243	22.96	22.84	22.68	23
240		0		23.65	23.34	23.32	24	
Inner		1	1	26.24	25.94	25.88	24	
		1	243	25.50	25.25	25.16	24	
		120	60	26.21	26.01	25.78	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	23.65	23.42	23.27	23
			1	272	22.95	22.77	22.64	23
			2	0	23.74	23.51	23.41	23
			2	271	23.00	22.80	22.71	23
			270	0	23.67	23.51	23.35	24
		Inner	1	1	26.65	26.50	26.37	24
			1	271	26.05	25.82	25.67	24
			135	67	26.17	25.94	25.76	24
		DFT-s-OFDM QPSK	Outer	1	0	23.65	23.40	23.30
	1			272	23.03	22.76	22.68	23
	2			0	23.73	23.54	23.37	23
	2			271	23.07	22.79	22.74	23
	270			0	23.66	23.48	23.35	24
	Inner		1	1	26.64	26.38	26.38	24
			1	271	26.10	25.86	25.62	24
			135	67	26.08	25.80	25.72	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.81	23.54	23.46
		1		272	23.05	22.87	22.71	23
		2		0	23.67	23.47	23.38	23
		2		271	23.08	22.85	22.73	23
		270		0	23.64	23.41	23.31	24
		Inner	1	1	26.51	26.26	26.18	24
			1	271	25.88	25.61	25.51	24
			135	67	26.15	25.91	25.85	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.92	23.67	23.57
	1			272	23.24	23.06	22.89	23
	2			0	23.58	23.33	23.25	23
	2			271	22.93	22.76	22.58	23
	270			0	23.70	23.49	23.39	24
	Inner		1	1	26.35	26.14	26.06	24
			1	271	25.78	25.55	25.40	24
			135	67	26.16	25.95	25.88	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.31	23.06	22.95
		1		272	22.60	22.42	22.27	23
		2		0	23.70	23.50	23.41	23
		2		271	23.04	22.88	22.73	23
		270		0	23.68	23.40	23.34	24
		Inner	1	1	26.26	26.01	25.93	24
			1	271	25.56	25.33	25.18	24
			135	67	26.22	26.03	25.86	24



**BUREAU
VERITAS**

Test Report No.: W7L-P22020005RF03

N77 C-HPUE LTE41

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	23.90	23.74	23.68	23
			1	50	23.25	23.12	23.06	23
			2	0	24.15	24.02	23.84	23
			2	49	23.29	23.16	23.11	23
			51	0	24.06	23.86	23.85	23
		Inner	1	1	25.22	25.06	24.93	24
			1	49	24.35	24.17	24.19	24
			25	12	24.54	24.42	24.34	24
		CP-OFDM 16QAM	Outer	1	0	24.15	24.02	23.98
	1			50	23.48	23.31	23.33	23
	2			0	24.02	23.90	23.85	23
	2			49	23.32	23.21	23.19	23
	51			0	24.09	23.88	23.90	23
	Inner		1	1	24.94	24.72	24.69	24
			1	49	24.15	24.05	24.07	24
			25	12	24.63	24.42	24.31	24
	CP-OFDM 64QAM		Outer	1	0	24.23	24.02	23.94
		1		50	23.55	23.38	23.31	23
		2		0	24.06	23.76	23.80	23
		2		49	23.20	23.03	23.06	23
		51		0	23.54	23.45	23.39	23
		Inner	1	1	24.67	24.53	24.52	23
			1	49	24.54	24.33	24.31	23
			25	12	24.31	24.30	24.23	23
		CP-OFDM 256QAM	Outer	1	0	22.39	22.27	22.17
	1			50	22.39	22.21	22.20	20
	2			0	22.42	22.22	22.18	20
	2			49	22.32	22.14	22.06	20
	51			0	22.65	22.40	22.26	20
	Inner		1	1	23.46	23.29	23.30	20
			1	49	23.42	23.27	23.04	20
			25	12	23.56	23.39	23.38	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	23.87	23.78	23.64	23
			1	77	23.19	23.12	23.12	23
			2	0	24.17	24.00	23.83	23
			2	76	23.23	23.22	23.11	23
			78	0	24.08	23.89	23.86	23
		Inner	1	1	25.17	25.06	24.96	24
			1	76	24.35	24.20	24.23	24
			39	19	24.48	24.41	24.33	24
		CP-OFDM 16QAM	Outer	1	0	24.15	24.02	23.97
	1			77	23.48	23.29	23.30	23
	2			0	23.98	23.96	23.80	23
	2			76	23.35	23.17	23.23	23
	78			0	24.08	23.89	23.87	23
	Inner		1	1	24.90	24.71	24.72	24
			1	76	24.20	24.11	24.01	24
			39	19	24.59	24.36	24.33	24
	CP-OFDM 64QAM		Outer	1	0	24.29	24.04	23.98
		1		77	23.53	23.37	23.28	23
		2		0	24.06	23.75	23.83	23
		2		76	23.21	23.03	23.07	23
		78		0	23.48	23.49	23.35	23
		Inner	1	1	24.72	24.51	24.55	23
			1	76	24.54	24.34	24.27	23
			39	19	24.31	24.33	24.26	23
		CP-OFDM 256QAM	Outer	1	0	22.38	22.28	22.11
	1			77	22.33	22.27	22.23	20
	2			0	22.43	22.25	22.16	20
	2			76	22.31	22.08	22.13	20
	78			0	22.65	22.40	22.26	20
	Inner		1	1	23.46	23.29	23.30	20
			1	76	23.42	23.27	23.04	20
			39	19	23.56	23.39	23.38	20