

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	23.89	23.72	23.69	23
			1	105	23.23	23.11	23.10	23
			2	0	24.20	24.01	23.86	23
			2	104	23.26	23.22	23.10	23
			106	0	24.10	23.89	23.86	23
		Inner	1	1	25.16	25.06	24.93	24
			1	104	24.38	24.22	24.24	24
			53	26	24.55	24.37	24.35	24
	CP-OFDM 16QAM	Outer	1	0	24.12	24.08	23.95	23
			1	105	23.54	23.32	23.32	23
			2	0	23.96	23.97	23.84	23
			2	104	23.36	23.20	23.16	23
			106	0	24.06	23.92	23.89	23
		Inner	1	1	24.91	24.71	24.73	24
			1	104	24.18	24.09	24.03	24
			53	26	24.57	24.39	24.37	24
	CP-OFDM 64QAM	Outer	1	0	24.22	24.08	23.94	23
			1	105	23.56	23.36	23.32	23
			2	0	24.00	23.77	23.78	23
			2	104	23.25	23.07	23.06	23
			106	0	23.48	23.52	23.38	23
		Inner	1	1	24.73	24.51	24.49	23
			1	104	24.55	24.39	24.24	23
			53	26	24.34	24.26	24.24	23
	CP-OFDM 256QAM	Outer	1	0	22.41	22.31	22.11	20
			1	105	22.36	22.20	22.21	20
			2	0	22.46	22.27	22.14	20
			2	104	22.28	22.14	22.07	20
			106	0	22.59	22.39	22.32	20
		Inner	1	1	23.44	23.25	23.31	20
			1	104	23.37	23.23	23.06	20
			53	26	23.54	23.42	23.33	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	23.88	23.73	23.65	23
			1	132	23.24	23.09	23.12	23
			2	0	24.16	23.97	23.87	23
			2	131	23.27	23.18	23.11	23
			133	0	24.04	23.93	23.82	23
		Inner	1	1	25.19	25.03	25.00	24
			1	131	24.36	24.23	24.20	24
			67	33	24.49	24.38	24.36	24
		CP-OFDM 16QAM	Outer	1	0	24.09	24.08	23.94
	1			132	23.54	23.27	23.36	23
	2			0	23.96	23.92	23.78	23
	2			131	23.34	23.23	23.18	23
	133			0	24.05	23.89	23.90	23
	Inner		1	1	24.94	24.74	24.70	24
			1	131	24.16	24.11	24.01	24
			67	33	24.62	24.39	24.35	24
	CP-OFDM 64QAM		Outer	1	0	24.22	24.08	23.94
		1		132	23.52	23.36	23.26	23
		2		0	24.06	23.77	23.77	23
		2		131	23.21	23.09	23.06	23
		133		0	23.54	23.48	23.32	23
		Inner	1	1	24.69	24.50	24.51	23
			1	131	24.54	24.36	24.25	23
			67	33	24.31	24.32	24.22	23
		CP-OFDM 256QAM	Outer	1	0	22.40	22.32	22.12
	1			132	22.33	22.23	22.17	20
	2			0	22.45	22.29	22.12	20
	2			131	22.28	22.09	22.09	20
	133			0	22.64	22.36	22.32	20
	Inner		1	1	23.45	23.24	23.35	20
			1	131	23.43	23.26	23.00	20
			67	33	23.55	23.36	23.33	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	23.87	23.78	23.64	23
			1	161	23.19	23.12	23.12	23
			2	0	24.17	24.00	23.83	23
			2	160	23.23	23.22	23.11	23
		162	0	24.08	23.89	23.86	23	
		Inner	1	1	25.17	25.06	24.96	24
			1	160	24.35	24.20	24.23	24
			81	40	24.48	24.41	24.33	24
	CP-OFDM 16QAM	Outer	1	0	24.15	24.02	23.97	23
			1	161	23.48	23.29	23.30	23
			2	0	23.98	23.96	23.80	23
			2	160	23.35	23.17	23.23	23
		162	0	24.08	23.89	23.87	23	
		Inner	1	1	24.90	24.71	24.72	24
			1	160	24.20	24.11	24.01	24
			81	40	24.59	24.36	24.33	24
	CP-OFDM 64QAM	Outer	1	0	24.29	24.04	23.98	23
			1	161	23.53	23.37	23.28	23
			2	0	24.06	23.75	23.83	23
			2	160	23.21	23.03	23.07	23
		162	0	23.48	23.49	23.35	23	
		Inner	1	1	24.72	24.51	24.55	23
			1	160	24.54	24.34	24.27	23
			81	40	24.31	24.33	24.26	23
	CP-OFDM 256QAM	Outer	1	0	22.38	22.28	22.11	20
			1	161	22.33	22.27	22.23	20
			2	0	22.43	22.25	22.16	20
			2	160	22.31	22.08	22.13	20
		162	0	22.65	22.40	22.26	20	
		Inner	1	1	23.46	23.29	23.30	20
			1	160	23.42	23.27	23.04	20
			81	40	23.56	23.39	23.38	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	23.90	23.74	23.68	23
			1	188	23.25	23.12	23.06	23
			2	0	24.15	24.02	23.84	23
			2	187	23.29	23.16	23.11	23
			189	0	24.06	23.86	23.85	23
		Inner	1	1	25.22	25.06	24.93	24
			1	187	24.35	24.17	24.19	24
			95	47	24.54	24.42	24.34	24
		CP-OFDM 16QAM	Outer	1	0	24.15	24.02	23.98
	1			188	23.48	23.31	23.33	23
	2			0	24.02	23.90	23.85	23
	2			187	23.32	23.21	23.19	23
	189			0	24.09	23.88	23.90	23
	Inner		1	1	24.94	24.72	24.69	24
			1	187	24.15	24.05	24.07	24
			95	47	24.63	24.42	24.31	24
	CP-OFDM 64QAM		Outer	1	0	24.23	24.02	23.94
		1		188	23.55	23.38	23.31	23
		2		0	24.06	23.76	23.80	23
		2		187	23.20	23.03	23.06	23
		189		0	23.54	23.52	23.36	23
		Inner	1	1	24.69	24.52	24.56	23
			1	187	24.55	24.39	24.27	23
			95	47	24.31	24.27	24.26	23
		CP-OFDM 256QAM	Outer	1	0	22.41	22.29	22.16
	1			188	22.38	22.27	22.19	20
	2			0	22.41	22.22	22.14	20
	2			187	22.30	22.10	22.12	20
	189			0	22.64	22.37	22.29	20
	Inner		1	1	23.44	23.24	23.34	20
			1	187	23.42	23.20	23.07	20
			95	47	23.54	23.40	23.34	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	23.88	23.73	23.65	23
			1	216	23.24	23.09	23.12	23
			2	0	24.16	23.97	23.87	23
			2	215	23.27	23.18	23.11	23
			217	0	24.04	23.93	23.82	23
		Inner	1	1	25.19	25.03	25.00	24
			1	215	24.36	24.23	24.20	24
			109	54	24.49	24.38	24.36	24
	CP-OFDM 16QAM	Outer	1	0	24.09	24.08	23.94	23
			1	216	23.54	23.27	23.36	23
			2	0	23.96	23.92	23.78	23
			2	215	23.34	23.23	23.18	23
			217	0	24.05	23.89	23.90	23
		Inner	1	1	24.90	24.72	24.69	24
			1	215	24.14	24.08	24.07	24
			109	54	24.56	24.42	24.33	24
	CP-OFDM 64QAM	Outer	1	0	24.22	24.09	23.98	23
			1	216	23.54	23.39	23.25	23
			2	0	24.00	23.82	23.83	23
			2	215	23.22	23.06	23.00	23
			217	0	23.50	23.51	23.37	23
		Inner	1	1	24.69	24.50	24.52	23
			1	215	24.49	24.36	24.30	23
			109	54	24.31	24.32	24.22	23
	CP-OFDM 256QAM	Outer	1	0	22.34	22.32	22.17	20
			1	216	22.37	22.23	22.17	20
			2	0	22.40	22.29	22.18	20
			2	215	22.28	22.11	22.10	20
			217	0	22.64	22.36	22.33	20
		Inner	1	1	23.42	23.28	23.31	20
			1	215	23.41	23.22	23.06	20
			109	54	23.60	23.37	23.34	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	23.92	23.76	23.62	23
			1	244	23.22	23.14	23.08	23
			2	0	24.19	24.04	23.84	23
			2	243	23.25	23.18	23.15	23
			245	0	24.11	23.92	23.82	23
		Inner	1	1	25.15	25.01	24.99	24
			1	243	24.41	24.21	24.22	24
	123		61	24.53	24.42	24.32	24	
	CP-OFDM 16QAM	Outer	1	0	24.13	24.05	23.97	23
			1	244	23.50	23.33	23.35	23
			2	0	24.02	23.90	23.85	23
			2	243	23.32	23.21	23.19	23
			245	0	24.09	23.88	23.90	23
		Inner	1	1	24.95	24.74	24.66	24
			1	243	24.15	24.10	24.05	24
	123		61	24.62	24.37	24.34	24	
	CP-OFDM 64QAM	Outer	1	0	24.24	24.02	23.98	23
			1	244	23.57	23.42	23.25	23
			2	0	24.01	23.75	23.79	23
			2	243	23.24	23.10	23.04	23
			245	0	23.54	23.45	23.39	23
		Inner	1	1	24.67	24.53	24.52	23
			1	243	24.54	24.33	24.31	23
	123		61	24.31	24.30	24.23	23	
	CP-OFDM 256QAM	Outer	1	0	22.39	22.27	22.17	20
			1	244	22.39	22.21	22.20	20
			2	0	22.42	22.22	22.18	20
			2	243	22.32	22.14	22.06	20
			245	0	22.59	22.36	22.28	20
		Inner	1	1	23.47	23.26	23.34	20
			1	243	23.42	23.21	23.03	20
	123		61	23.56	23.36	23.37	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	23.93	23.80	23.70	23
			1	272	23.26	23.17	23.14	23
			2	0	24.21	24.05	23.88	23
			2	271	23.31	23.23	23.16	23
			273	0	24.12	23.94	23.87	23
		Inner	1	1	25.23	25.08	25.01	24
			1	271	24.42	24.25	24.25	24
	137		68	24.56	24.43	24.38	24	
	CP-OFDM 16QAM	Outer	1	0	24.17	24.10	23.99	23
			1	272	23.56	23.35	23.38	23
			2	0	24.04	23.98	23.86	23
			2	271	23.40	23.25	23.24	23
			273	0	24.12	23.94	23.92	23
		Inner	1	1	24.96	24.79	24.74	24
			1	271	24.21	24.13	24.09	24
	137		68	24.64	24.44	24.39	24	
	CP-OFDM 64QAM	Outer	1	0	24.30	24.10	24.00	23
			1	272	23.58	23.44	23.33	23
			2	0	24.08	23.83	23.85	23
			2	271	23.26	23.11	23.08	23
			273	0	23.56	23.53	23.40	23
		Inner	1	1	24.75	24.57	24.57	23
			1	271	24.56	24.41	24.32	23
	137		68	24.39	24.34	24.28	23	
	CP-OFDM 256QAM	Outer	1	0	22.42	22.33	22.19	20
			1	272	22.41	22.28	22.25	20
			2	0	22.48	22.30	22.20	20
			2	271	22.33	22.16	22.14	20
			273	0	22.66	22.44	22.34	20
		Inner	1	1	23.50	23.32	23.36	20
			1	271	23.44	23.28	23.08	20
	137		68	23.62	23.44	23.39	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	23.56	23.32	23.22	23
			1	50	22.86	22.65	22.55	23
			2	0	23.69	23.48	23.26	23
			2	49	22.90	22.69	22.60	23
			50	0	23.62	23.34	23.29	24
		Inner	1	1	26.64	26.40	26.23	24
			1	49	25.90	25.64	25.62	24
			25	12	26.05	25.85	25.73	24
		DFT-s-OFDM QPSK	Outer	1	0	23.55	23.34	23.26
	1			50	22.90	22.65	22.63	23
	2			0	23.62	23.42	23.33	23
	2			49	22.91	22.72	22.66	23
	50			0	23.63	23.34	23.32	24
	Inner		1	1	26.67	26.37	26.30	24
			1	49	25.97	25.73	25.66	24
			25	12	26.11	25.82	25.67	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.73	23.44	23.32
		1		50	22.98	22.73	22.62	23
		2		0	23.69	23.31	23.31	23
		2		49	22.96	22.67	22.70	23
		50		0	23.53	23.36	23.26	24
		Inner	2	49	26.39	26.17	26.12	24
			25	12	25.80	25.51	25.45	24
			50	0	25.98	25.89	25.78	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.78	23.58	23.44
	1			50	23.17	22.91	22.86	23
	2			0	23.48	23.20	23.12	23
	2			49	22.91	22.65	22.53	23
	50			0	23.70	23.37	23.19	24
	Inner		1	1	26.25	26.00	25.97	24
			1	49	25.75	25.52	25.25	24
			25	12	26.10	25.85	25.80	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.26	23.06	22.83
		1		50	22.49	22.21	22.23	23
		2		0	23.65	23.41	23.33	23
		2		49	23.06	22.80	22.59	23
50		0		23.58	23.33	23.20	24	
Inner		1	1	26.20	25.93	25.90	24	
		1	49	25.46	25.15	25.10	24	
		25	12	26.07	25.91	25.80	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	23.53	23.36	23.18	23
			1	77	22.80	22.65	22.61	23
			2	0	23.71	23.46	23.25	23
			2	76	22.84	22.75	22.60	23
			75	0	23.64	23.37	23.30	24
		Inner	1	1	26.59	26.40	26.26	24
			1	76	25.90	25.67	25.66	24
			36	18	25.99	25.84	25.72	24
		DFT-s-OFDM QPSK	Outer	1	0	23.55	23.34	23.25
	1			77	22.90	22.63	22.60	23
	2			0	23.58	23.48	23.28	23
	2			76	22.94	22.68	22.70	23
	75			0	23.62	23.35	23.29	24
	Inner		1	1	26.63	26.36	26.33	24
			1	76	26.02	25.79	25.60	24
			36	18	26.07	25.76	25.69	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.79	23.46	23.36
		1		77	22.96	22.72	22.59	23
		2		0	23.69	23.30	23.34	23
		2		76	22.97	22.67	22.71	23
		75		0	23.47	23.40	23.22	24
		Inner	1	1	26.44	26.15	26.15	24
			1	76	25.80	25.52	25.41	24
			36	18	25.98	25.92	25.81	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.77	23.59	23.38
	1			77	23.11	22.97	22.89	23
	2			0	23.49	23.23	23.10	23
	2			76	22.90	22.59	22.60	23
	75			0	23.70	23.37	23.19	24
	Inner		1	1	26.25	26.00	25.97	24
			1	76	25.75	25.52	25.25	24
			36	18	26.10	25.85	25.80	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.26	23.06	22.83
		1		77	22.49	22.21	22.23	23
		2		0	23.65	23.41	23.33	23
		2		76	23.06	22.80	22.59	23
75		0		23.58	23.33	23.20	24	
Inner		1	1	26.20	25.93	25.90	24	
		1	76	25.45	25.17	25.09	24	
		36	18	26.14	25.90	25.77	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	23.55	23.30	23.23	23
			1	105	22.84	22.64	22.59	23
			2	0	23.74	23.47	23.28	23
			2	104	22.87	22.75	22.59	23
			100	0	23.66	23.37	23.30	24
		Inner	1	1	26.58	26.40	26.23	24
			1	104	25.93	25.69	25.67	24
			50	25	26.06	25.80	25.74	24
		DFT-s-OFDM QPSK	Outer	1	0	23.52	23.40	23.23
	1			105	22.96	22.66	22.62	23
	2			0	23.56	23.49	23.32	23
	2			104	22.95	22.71	22.63	23
	100			0	23.60	23.38	23.31	24
	Inner		1	1	26.64	26.36	26.34	24
			1	104	26.00	25.77	25.62	24
			50	25	26.05	25.79	25.73	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.72	23.50	23.32
		1		105	22.99	22.71	22.63	23
		2		0	23.63	23.32	23.29	23
		2		104	23.01	22.71	22.70	23
		100		0	23.47	23.43	23.25	24
		Inner	1	1	26.45	26.15	26.09	24
			1	104	25.81	25.57	25.38	24
			50	25	26.01	25.85	25.79	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.80	23.62	23.38
	1			105	23.14	22.90	22.87	23
	2			0	23.52	23.25	23.08	23
	2			104	22.87	22.65	22.54	23
	100			0	23.64	23.36	23.25	24
	Inner		1	1	26.23	25.96	25.98	24
			1	104	25.70	25.48	25.27	24
			50	25	26.08	25.88	25.75	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.19	23.07	22.86
		1		105	22.53	22.23	22.17	23
		2		0	23.58	23.44	23.34	23
		2		104	23.05	22.76	22.57	23
100		0		23.58	23.33	23.21	24	
Inner		1	1	26.20	25.93	25.88	24	
		1	104	25.41	25.18	25.09	24	
		50	25	26.07	25.93	25.80	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	23.54	23.31	23.19	23	
			1	132	22.85	22.62	22.61	23	
			2	0	23.70	23.43	23.29	23	
			2	131	22.88	22.71	22.60	23	
			128	0	23.60	23.41	23.26	24	
		Inner	1	1	26.61	26.37	26.30	24	
			1	131	25.91	25.70	25.63	24	
			64	32	26.00	25.81	25.75	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.49	23.40	23.22	23
				1	132	22.96	22.61	22.66	23
				2	0	23.56	23.44	23.26	23
				2	131	22.93	22.74	22.65	23
	128			0	23.59	23.35	23.32	24	
	Inner		1	1	26.67	26.39	26.31	24	
			1	131	25.98	25.79	25.60	24	
			64	32	26.10	25.79	25.71	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.72	23.50	23.32	23
				1	132	22.95	22.71	22.57	23
				2	0	23.69	23.32	23.28	23
				2	131	22.97	22.73	22.70	23
		128		0	23.53	23.39	23.19	24	
		Inner	1	1	26.41	26.14	26.11	24	
			1	131	25.80	25.54	25.39	24	
			64	32	25.98	25.91	25.77	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.79	23.63	23.39	23
				1	132	23.11	22.93	22.83	23
				2	0	23.51	23.27	23.06	23
				2	131	22.87	22.60	22.56	23
	128			0	23.69	23.33	23.25	24	
	Inner		1	1	26.24	25.95	26.02	24	
			1	131	25.76	25.51	25.21	24	
			64	32	26.09	25.82	25.75	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.24	23.02	22.86	23
				1	132	22.55	22.21	22.20	23
				2	0	23.60	23.37	23.34	23
				2	131	23.07	22.73	22.64	23
		128		0	23.54	23.34	23.17	24	
		Inner	1	1	26.24	25.88	25.88	24	
			1	131	25.42	25.15	25.09	24	
			64	32	26.14	25.93	25.77	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	23.53	23.36	23.18	23	
			1	161	22.80	22.65	22.61	23	
			2	0	23.71	23.46	23.25	23	
			2	160	22.84	22.75	22.60	23	
			162	0	23.64	23.37	23.30	24	
		Inner	1	1	26.59	26.40	26.26	24	
			1	160	25.90	25.67	25.66	24	
			81	40	25.99	25.84	25.72	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.55	23.34	23.25	23
				1	161	22.90	22.63	22.60	23
				2	0	23.58	23.48	23.28	23
				2	160	22.94	22.68	22.70	23
	162			0	23.62	23.35	23.29	24	
	Inner		1	1	26.63	26.36	26.33	24	
			1	160	26.02	25.79	25.60	24	
			81	40	26.07	25.76	25.69	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.79	23.46	23.36	23
				1	161	22.96	22.72	22.59	23
				2	0	23.69	23.30	23.34	23
				2	160	22.97	22.67	22.71	23
		162		0	23.47	23.40	23.22	24	
		Inner	1	1	26.44	26.15	26.15	24	
			1	160	25.80	25.52	25.41	24	
			81	40	25.98	25.92	25.81	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.77	23.59	23.38	23
				1	161	23.11	22.97	22.89	23
				2	0	23.49	23.23	23.10	23
				2	160	22.90	22.59	22.60	23
	162			0	23.70	23.37	23.19	24	
	Inner		1	1	26.25	26.00	25.97	24	
			1	160	25.75	25.52	25.25	24	
			81	40	26.10	25.85	25.80	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.26	23.06	22.83	23
				1	161	22.49	22.21	22.23	23
				2	0	23.65	23.41	23.33	23
				2	160	23.06	22.80	22.59	23
		162		0	23.58	23.33	23.20	24	
		Inner	1	1	26.20	25.93	25.90	24	
			1	160	25.45	25.17	25.09	24	
			81	40	26.14	25.90	25.77	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	23.56	23.32	23.22	23		
			1	188	22.86	22.65	22.55	23		
			2	0	23.69	23.48	23.26	23		
			2	187	22.90	22.69	22.60	23		
			180	0	23.62	23.34	23.29	24		
		Inner	1	1	26.64	26.40	26.23	24		
			1	187	25.90	25.64	25.62	24		
			90	45	26.05	25.85	25.73	24		
			DFT-s-OFDM QPSK	Outer	1	0	23.55	23.34	23.26	23
					1	188	22.90	22.65	22.63	23
	2	0			23.62	23.42	23.33	23		
	2	187			22.91	22.72	22.66	23		
	180	0			23.63	23.34	23.32	24		
	Inner	1		1	26.67	26.37	26.30	24		
		1		187	25.97	25.73	25.66	24		
		90		45	26.11	25.82	25.67	24		
		DFT-s-OFDM 16QAM		Outer	1	0	23.73	23.44	23.32	23
					1	188	22.98	22.73	22.62	23
	2		0		23.69	23.31	23.31	23		
	2		187		22.96	22.67	22.70	23		
	180		0		23.53	23.43	23.23	24		
	Inner		1	1	26.41	26.16	26.16	24		
			1	187	25.81	25.57	25.41	24		
			90	45	25.98	25.86	25.81	24		
			DFT-s-OFDM 64QAM	Outer	1	0	23.80	23.60	23.43	23
					1	188	23.16	22.97	22.85	23
	2	0			23.47	23.20	23.08	23		
	2	187			22.89	22.61	22.59	23		
	180	0			23.69	23.34	23.22	24		
	Inner	1		1	26.23	25.95	26.01	24		
		1		187	25.75	25.45	25.28	24		
		90		45	26.08	25.86	25.76	24		
		DFT-s-OFDM 256QAM		Outer	1	0	23.25	23.01	22.83	23
					1	188	22.51	22.20	22.23	23
	2		0		23.65	23.43	23.28	23		
	2		187		23.07	22.73	22.63	23		
	180		0		23.54	23.32	23.14	24		
	Inner		1	1	26.20	25.93	25.87	24		
			1	187	25.41	25.18	25.09	24		
			90	45	26.13	25.90	25.81	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	23.54	23.31	23.19	23	
			1	216	22.85	22.62	22.61	23	
			2	0	23.70	23.43	23.29	23	
			2	215	22.88	22.71	22.60	23	
			216	0	23.60	23.41	23.26	24	
		Inner	1	1	26.61	26.37	26.30	24	
			1	215	25.91	25.70	25.63	24	
			108	54	26.00	25.81	25.75	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.49	23.40	23.22	23
				1	216	22.96	22.61	22.66	23
				2	0	23.56	23.44	23.26	23
				2	215	22.93	22.74	22.65	23
	216			0	23.59	23.35	23.32	24	
	Inner		1	1	26.63	26.37	26.30	24	
			1	215	25.96	25.76	25.66	24	
			108	54	26.04	25.82	25.69	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.72	23.51	23.36	23
				1	216	22.97	22.74	22.56	23
				2	0	23.63	23.37	23.34	23
				2	215	22.98	22.70	22.64	23
		216		0	23.49	23.42	23.24	24	
		Inner	1	1	26.41	26.14	26.12	24	
			1	215	25.75	25.54	25.44	24	
			108	54	25.98	25.91	25.77	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.73	23.63	23.44	23
				1	216	23.15	22.93	22.83	23
				2	0	23.46	23.27	23.12	23
				2	215	22.87	22.62	22.57	23
	216			0	23.69	23.33	23.26	24	
	Inner		1	1	26.21	25.99	25.98	24	
			1	215	25.74	25.47	25.27	24	
			108	54	26.14	25.83	25.76	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.21	23.00	22.86	23
				1	216	22.56	22.26	22.17	23
				2	0	23.61	23.37	23.30	23
				2	215	23.08	22.75	22.63	23
		216		0	23.57	23.36	23.15	24	
		Inner	1	1	26.24	25.87	25.92	24	
			1	215	25.40	25.19	25.06	24	
			108	54	26.13	25.87	25.84	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	23.58	23.34	23.16	23
			1	244	22.83	22.67	22.57	23
			2	0	23.73	23.50	23.26	23
			2	243	22.86	22.71	22.64	23
			240	0	23.67	23.40	23.26	24
		Inner	1	1	26.57	26.35	26.29	24
			1	243	25.96	25.68	25.65	24
			120	60	26.04	25.85	25.71	24
		DFT-s-OFDM QPSK	Outer	1	0	23.53	23.37	23.25
	1			244	22.92	22.67	22.65	23
	2			0	23.62	23.42	23.33	23
	2			243	22.91	22.72	22.66	23
	240			0	23.63	23.34	23.32	24
	Inner		1	1	26.68	26.39	26.27	24
			1	243	25.97	25.78	25.64	24
			120	60	26.10	25.77	25.70	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.74	23.44	23.36
		1		244	23.00	22.77	22.56	23
		2		0	23.64	23.30	23.30	23
		2		243	23.00	22.74	22.68	23
		240		0	23.53	23.36	23.26	24
		Inner	1	1	26.39	26.17	26.12	24
			1	243	25.80	25.51	25.45	24
			120	60	25.98	25.89	25.78	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.78	23.58	23.44
	1			244	23.17	22.91	22.86	23
	2			0	23.48	23.20	23.12	23
	2			243	22.91	22.65	22.53	23
	240			0	23.64	23.33	23.21	24
	Inner		1	1	26.26	25.97	26.01	24
			1	243	25.75	25.46	25.24	24
			120	60	26.10	25.82	25.79	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.25	23.00	22.87
		1		244	22.49	22.24	22.20	23
		2		0	23.64	23.37	23.35	23
		2		243	23.01	22.77	22.60	23
		240		0	23.59	23.32	23.20	24
		Inner	1	1	26.24	25.88	25.88	24
			1	243	25.42	25.15	25.09	24
			120	60	26.14	25.93	25.77	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	23.59	23.38	23.24	23
			1	272	22.87	22.70	22.63	23
			2	0	23.75	23.51	23.30	23
			2	271	22.92	22.76	22.65	23
			270	0	23.68	23.42	23.31	24
		Inner	1	1	26.65	26.42	26.31	24
			1	271	25.97	25.72	25.68	24
			135	67	26.07	25.86	25.77	24
		DFT-s-OFDM QPSK	Outer	1	0	23.57	23.42	23.27
	1			272	22.98	22.69	22.68	23
	2			0	23.64	23.50	23.34	23
	2			271	22.99	22.76	22.71	23
	270			0	23.66	23.40	23.34	24
	Inner		1	1	26.69	26.44	26.35	24
			1	271	26.03	25.81	25.68	24
			135	67	26.12	25.84	25.75	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.80	23.52	23.38
		1		272	23.01	22.79	22.64	23
		2		0	23.71	23.38	23.36	23
		2		271	23.02	22.75	22.72	23
		270		0	23.55	23.44	23.27	24
		Inner	1	1	26.47	26.21	26.17	24
			1	271	25.82	25.59	25.46	24
			135	67	26.06	25.93	25.83	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.81	23.64	23.46
	1			272	23.19	22.98	22.91	23
	2			0	23.54	23.28	23.14	23
	2			271	22.92	22.67	22.61	23
	270			0	23.71	23.41	23.27	24
	Inner		1	1	26.29	26.03	26.03	24
			1	271	25.77	25.53	25.29	24
			135	67	26.16	25.90	25.81	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.27	23.08	22.88
		1		272	22.57	22.28	22.25	23
		2		0	23.66	23.45	23.36	23
		2		271	23.09	22.81	22.65	23
		270		0	23.62	23.38	23.22	24
		Inner	1	1	26.26	25.95	25.93	24
			1	271	25.48	25.23	25.11	24
			135	67	26.15	25.95	25.85	24



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Test Report No.: W7L-P22020005RF03

N77 C-HPUE LTE2

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	23.91	23.70	23.72	23
			1	50	23.30	23.09	23.03	23
			2	0	24.06	23.99	23.92	23
			2	49	23.35	23.22	23.09	23
		51	0	24.00	23.91	23.83	23	
		Inner	1	1	25.25	25.01	24.98	24
			1	49	24.37	24.21	24.16	24
			25	12	24.58	24.36	24.34	24
	CP-OFDM 16QAM	Outer	1	0	24.15	23.99	24.04	23
			1	50	23.45	23.34	23.26	23
			2	0	24.08	23.80	23.92	23
			2	49	23.33	23.26	23.10	23
		51	0	24.09	23.86	23.88	23	
		Inner	1	1	24.94	24.74	24.68	24
			1	49	24.12	24.06	24.07	24
			25	12	24.57	24.42	24.34	24
	CP-OFDM 64QAM	Outer	1	0	24.16	24.06	23.94	23
			1	50	23.55	23.33	23.40	23
			2	0	24.00	23.80	23.73	23
			2	49	23.21	23.11	23.08	23
		51	0	23.64	23.38	23.40	23	
		Inner	1	1	24.66	24.56	24.44	23
			1	49	24.57	24.35	24.35	23
			25	12	24.36	24.28	24.17	23
	CP-OFDM 256QAM	Outer	1	0	22.44	22.23	22.27	20
			1	50	22.41	22.21	22.14	20
			2	0	22.35	22.19	22.26	20
			2	49	22.37	22.11	22.08	20
		51	0	22.55	22.40	22.29	20	
		Inner	1	1	23.54	23.30	23.27	20
			1	49	23.36	23.15	23.16	20
			25	12	23.55	23.43	23.31	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	23.88	23.74	23.68	23
			1	77	23.24	23.09	23.09	23
			2	0	24.08	23.97	23.91	23
			2	76	23.29	23.28	23.09	23
			78	0	24.02	23.94	23.84	23
		Inner	1	1	25.20	25.01	25.01	24
			1	76	24.37	24.24	24.20	24
			39	19	24.52	24.35	24.33	24
		CP-OFDM 16QAM	Outer	1	0	24.15	23.99	24.03
	1			77	23.45	23.32	23.23	23
	2			0	24.04	23.86	23.87	23
	2			76	23.36	23.22	23.14	23
	78			0	24.08	23.87	23.85	23
	Inner		1	1	24.90	24.73	24.71	24
			1	76	24.17	24.12	24.01	24
			39	19	24.53	24.36	24.36	24
	CP-OFDM 64QAM		Outer	1	0	24.22	24.08	23.98
		1		77	23.53	23.32	23.37	23
		2		0	24.00	23.79	23.76	23
		2		76	23.22	23.11	23.09	23
		78		0	23.58	23.42	23.36	23
		Inner	1	1	24.71	24.54	24.47	23
			1	76	24.57	24.36	24.31	23
			39	19	24.36	24.31	24.20	23
		CP-OFDM 256QAM	Outer	1	0	22.43	22.24	22.21
	1			77	22.35	22.27	22.17	20
	2			0	22.36	22.22	22.24	20
	2			76	22.36	22.05	22.15	20
	78			0	22.55	22.40	22.29	20
	Inner		1	1	23.54	23.30	23.27	20
			1	76	23.36	23.15	23.16	20
			39	19	23.55	23.43	23.31	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	23.90	23.68	23.73	23
			1	105	23.28	23.08	23.07	23
			2	0	24.11	23.98	23.94	23
			2	104	23.32	23.28	23.08	23
			106	0	24.04	23.94	23.84	23
		Inner	1	1	25.19	25.01	24.98	24
			1	104	24.40	24.26	24.21	24
			53	26	24.59	24.31	24.35	24
		CP-OFDM 16QAM	Outer	1	0	24.12	24.05	24.01
	1			105	23.51	23.35	23.25	23
	2			0	24.02	23.87	23.91	23
	2			104	23.37	23.25	23.07	23
	106			0	24.06	23.90	23.87	23
	Inner		1	1	24.91	24.73	24.72	24
			1	104	24.15	24.10	24.03	24
			53	26	24.51	24.39	24.40	24
	CP-OFDM 64QAM		Outer	1	0	24.15	24.12	23.94
		1		105	23.56	23.31	23.41	23
		2		0	23.94	23.81	23.71	23
		2		104	23.26	23.15	23.08	23
		106		0	23.58	23.45	23.39	23
		Inner	1	1	24.72	24.54	24.41	23
			1	104	24.58	24.41	24.28	23
			53	26	24.39	24.24	24.18	23
		CP-OFDM 256QAM	Outer	1	0	22.46	22.27	22.21
	1			105	22.38	22.20	22.15	20
	2			0	22.39	22.24	22.22	20
	2			104	22.33	22.11	22.09	20
	106			0	22.49	22.39	22.35	20
	Inner		1	1	23.52	23.26	23.28	20
			1	104	23.31	23.11	23.18	20
			53	26	23.53	23.46	23.26	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	23.89	23.69	23.69	23
			1	132	23.29	23.06	23.09	23
			2	0	24.07	23.94	23.95	23
			2	131	23.33	23.24	23.09	23
			133	0	23.98	23.98	23.80	23
		Inner	1	1	25.22	24.98	25.05	24
			1	131	24.38	24.27	24.17	24
			67	33	24.53	24.32	24.36	24
		CP-OFDM 16QAM	Outer	1	0	24.09	24.05	24.00
	1			132	23.51	23.30	23.29	23
	2			0	24.02	23.82	23.85	23
	2			131	23.35	23.28	23.09	23
	133			0	24.05	23.87	23.88	23
	Inner		1	1	24.94	24.76	24.69	24
			1	131	24.13	24.12	24.01	24
			67	33	24.56	24.39	24.38	24
	CP-OFDM 64QAM		Outer	1	0	24.15	24.12	23.94
		1		132	23.52	23.31	23.35	23
		2		0	24.00	23.81	23.70	23
		2		131	23.22	23.17	23.08	23
		133		0	23.64	23.41	23.33	23
		Inner	1	1	24.68	24.53	24.43	23
			1	131	24.57	24.38	24.29	23
			67	33	24.36	24.30	24.16	23
		CP-OFDM 256QAM	Outer	1	0	22.45	22.28	22.22
	1			132	22.35	22.23	22.11	20
	2			0	22.38	22.26	22.20	20
	2			131	22.33	22.06	22.11	20
	133			0	22.54	22.36	22.35	20
	Inner		1	1	23.53	23.25	23.32	20
			1	131	23.37	23.14	23.12	20
			67	33	23.54	23.40	23.26	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	23.88	23.74	23.68	23
			1	161	23.24	23.09	23.09	23
			2	0	24.08	23.97	23.91	23
			2	160	23.29	23.28	23.09	23
		162	0	24.02	23.94	23.84	23	
		Inner	1	1	25.20	25.01	25.01	24
			1	160	24.37	24.24	24.20	24
			81	40	24.52	24.35	24.33	24
	CP-OFDM 16QAM	Outer	1	0	24.15	23.99	24.03	23
			1	161	23.45	23.32	23.23	23
			2	0	24.04	23.86	23.87	23
			2	160	23.36	23.22	23.14	23
		162	0	24.08	23.87	23.85	23	
		Inner	1	1	24.90	24.73	24.71	24
			1	160	24.17	24.12	24.01	24
			81	40	24.53	24.36	24.36	24
	CP-OFDM 64QAM	Outer	1	0	24.22	24.08	23.98	23
			1	161	23.53	23.32	23.37	23
			2	0	24.00	23.79	23.76	23
			2	160	23.22	23.11	23.09	23
		162	0	23.58	23.42	23.36	23	
		Inner	1	1	24.71	24.54	24.47	23
			1	160	24.57	24.36	24.31	23
			81	40	24.36	24.31	24.20	23
	CP-OFDM 256QAM	Outer	1	0	22.43	22.24	22.21	20
			1	161	22.35	22.27	22.17	20
			2	0	22.36	22.22	22.24	20
			2	160	22.36	22.05	22.15	20
		162	0	22.55	22.40	22.29	20	
		Inner	1	1	23.54	23.30	23.27	20
			1	160	23.36	23.15	23.16	20
			81	40	23.55	23.43	23.31	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	23.91	23.70	23.72	23
			1	188	23.30	23.09	23.03	23
			2	0	24.06	23.99	23.92	23
			2	187	23.35	23.22	23.09	23
			189	0	24.00	23.91	23.83	23
		Inner	1	1	25.25	25.01	24.98	24
			1	187	24.37	24.21	24.16	24
			95	47	24.58	24.36	24.34	24
		CP-OFDM 16QAM	Outer	1	0	24.15	23.99	24.04
	1			188	23.45	23.34	23.26	23
	2			0	24.08	23.80	23.92	23
	2			187	23.33	23.26	23.10	23
	189			0	24.09	23.86	23.88	23
	Inner		1	1	24.94	24.74	24.68	24
			1	187	24.12	24.06	24.07	24
			95	47	24.57	24.42	24.34	24
	CP-OFDM 64QAM		Outer	1	0	24.16	24.06	23.94
		1		188	23.55	23.33	23.40	23
		2		0	24.00	23.80	23.73	23
		2		187	23.21	23.11	23.08	23
		189		0	23.64	23.45	23.37	23
		Inner	1	1	24.68	24.55	24.48	23
			1	187	24.58	24.41	24.31	23
			95	47	24.36	24.25	24.20	23
		CP-OFDM 256QAM	Outer	1	0	22.46	22.25	22.26
	1			188	22.40	22.27	22.13	20
	2			0	22.34	22.19	22.22	20
	2			187	22.35	22.07	22.14	20
	189			0	22.54	22.37	22.32	20
	Inner		1	1	23.52	23.25	23.31	20
			1	187	23.36	23.08	23.19	20
			95	47	23.53	23.44	23.27	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	23.89	23.69	23.69	23
			1	216	23.29	23.06	23.09	23
			2	0	24.07	23.94	23.95	23
			2	215	23.33	23.24	23.09	23
		217	0	23.98	23.98	23.80	23	
		Inner	1	1	25.22	24.98	25.05	24
			1	215	24.38	24.27	24.17	24
			109	54	24.53	24.32	24.36	24
	CP-OFDM 16QAM	Outer	1	0	24.09	24.05	24.00	23
			1	216	23.51	23.30	23.29	23
			2	0	24.02	23.82	23.85	23
			2	215	23.35	23.28	23.09	23
		217	0	24.05	23.87	23.88	23	
		Inner	1	1	24.90	24.74	24.68	24
			1	215	24.11	24.09	24.07	24
			109	54	24.50	24.42	24.36	24
	CP-OFDM 64QAM	Outer	1	0	24.15	24.13	23.98	23
			1	216	23.54	23.34	23.34	23
			2	0	23.94	23.86	23.76	23
			2	215	23.23	23.14	23.02	23
		217	0	23.60	23.44	23.38	23	
		Inner	1	1	24.68	24.53	24.44	23
			1	215	24.52	24.38	24.34	23
			109	54	24.36	24.30	24.16	23
	CP-OFDM 256QAM	Outer	1	0	22.39	22.28	22.27	20
			1	216	22.39	22.23	22.11	20
			2	0	22.33	22.26	22.26	20
			2	215	22.33	22.08	22.12	20
		217	0	22.54	22.36	22.36	20	
		Inner	1	1	23.50	23.29	23.28	20
			1	215	23.35	23.10	23.18	20
			109	54	23.59	23.41	23.27	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	23.93	23.72	23.66	23
			1	244	23.27	23.11	23.05	23
			2	0	24.10	24.01	23.92	23
			2	243	23.31	23.24	23.13	23
			245	0	24.05	23.97	23.80	23
		Inner	1	1	25.18	24.96	25.04	24
			1	243	24.43	24.25	24.19	24
			123	61	24.57	24.36	24.32	24
		CP-OFDM 16QAM	Outer	1	0	24.13	24.02	24.03
	1			244	23.47	23.36	23.28	23
	2			0	24.08	23.80	23.92	23
	2			243	23.33	23.26	23.10	23
	245			0	24.09	23.86	23.88	23
	Inner		1	1	24.95	24.76	24.65	24
			1	243	24.12	24.11	24.05	24
			123	61	24.56	24.37	24.37	24
	CP-OFDM 64QAM		Outer	1	0	24.17	24.06	23.98
		1		244	23.57	23.37	23.34	23
		2		0	23.95	23.79	23.72	23
		2		243	23.25	23.18	23.06	23
		245		0	23.64	23.38	23.40	23
		Inner	1	1	24.66	24.56	24.44	23
			1	243	24.57	24.35	24.35	23
			123	61	24.36	24.28	24.17	23
		CP-OFDM 256QAM	Outer	1	0	22.44	22.23	22.27
	1			244	22.41	22.21	22.14	20
	2			0	22.35	22.19	22.26	20
	2			243	22.37	22.11	22.08	20
	245			0	22.49	22.36	22.31	20
	Inner		1	1	23.55	23.27	23.31	20
			1	243	23.36	23.09	23.15	20
			123	61	23.55	23.40	23.30	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	23.94	23.76	23.74	23
			1	272	23.31	23.14	23.11	23
			2	0	24.12	24.02	23.96	23
			2	271	23.37	23.29	23.14	23
			273	0	24.06	23.99	23.85	23
		Inner	1	1	25.26	25.03	25.06	24
			1	271	24.44	24.29	24.22	24
			137	68	24.60	24.37	24.38	24
		CP-OFDM 16QAM	Outer	1	0	24.17	24.07	24.05
	1			272	23.53	23.38	23.31	23
	2			0	24.10	23.88	23.93	23
	2			271	23.41	23.30	23.15	23
	273			0	24.12	23.92	23.90	23
	Inner		1	1	24.96	24.81	24.73	24
			1	271	24.18	24.14	24.09	24
			137	68	24.58	24.44	24.42	24
	CP-OFDM 64QAM		Outer	1	0	24.23	24.14	24.00
		1		272	23.58	23.39	23.42	23
		2		0	24.02	23.87	23.78	23
		2		271	23.27	23.19	23.10	23
		273		0	23.66	23.46	23.41	23
		Inner	1	1	24.74	24.60	24.49	23
			1	271	24.59	24.43	24.36	23
			137	68	24.44	24.32	24.22	23
		CP-OFDM 256QAM	Outer	1	0	22.47	22.29	22.29
	1			272	22.43	22.28	22.19	20
	2			0	22.41	22.27	22.28	20
	2			271	22.38	22.13	22.16	20
	273			0	22.56	22.44	22.37	20
	Inner		1	1	23.58	23.33	23.33	20
			1	271	23.38	23.16	23.20	20
			137	68	23.61	23.48	23.32	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	23.57	23.28	23.26	23
			1	50	22.91	22.62	22.52	23
			2	0	23.60	23.45	23.34	23
			2	49	22.96	22.75	22.58	23
			50	0	23.56	23.39	23.27	24
		Inner	1	1	26.67	26.35	26.28	24
			1	49	25.92	25.68	25.59	24
			25	12	26.09	25.79	25.73	24
	DFT-s-OFDM QPSK	Outer	1	0	23.55	23.31	23.32	23
			1	50	22.87	22.68	22.56	23
			2	0	23.68	23.32	23.40	23
			2	49	22.92	22.77	22.57	23
			50	0	23.63	23.32	23.30	24
		Inner	1	1	26.67	26.39	26.29	24
			1	49	25.94	25.70	25.69	24
			25	12	26.05	25.82	25.70	24
	DFT-s-OFDM 16QAM	Outer	1	0	23.66	23.48	23.32	23
			1	50	22.98	22.68	22.71	23
			2	0	23.63	23.35	23.24	23
			2	49	22.97	22.79	22.64	23
			50	0	23.63	23.29	23.27	24
		Inner	2	49	26.38	26.20	26.04	24
			25	12	25.83	25.53	25.49	24
			50	0	26.03	25.87	25.72	24
	DFT-s-OFDM 64QAM	Outer	1	0	23.83	23.54	23.54	23
			1	50	23.19	22.91	22.80	23
			2	0	23.41	23.17	23.20	23
			2	49	22.96	22.62	22.55	23
			50	0	23.60	23.37	23.22	24
		Inner	1	1	26.33	26.01	25.94	24
			1	49	25.69	25.40	25.37	24
			25	12	26.09	25.89	25.73	24
	DFT-s-OFDM 256QAM	Outer	1	0	23.17	23.04	22.81	23
			1	50	22.45	22.24	22.21	23
			2	0	23.72	23.40	23.28	23
			2	49	23.02	22.79	22.68	23
50			0	23.56	23.32	23.18	24	
Inner		1	1	26.13	25.98	25.82	24	
		1	49	25.49	25.15	25.15	24	
		25	12	26.07	25.94	25.77	24	



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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	23.54	23.32	23.22	23
			1	77	22.85	22.62	22.58	23
			2	0	23.62	23.43	23.33	23
			2	76	22.90	22.81	22.58	23
			75	0	23.58	23.42	23.28	24
		Inner	1	1	26.62	26.35	26.31	24
			1	76	25.92	25.71	25.63	24
			36	18	26.03	25.78	25.72	24
		DFT-s-OFDM QPSK	Outer	1	0	23.55	23.31	23.31
	1			77	22.87	22.66	22.53	23
	2			0	23.64	23.38	23.35	23
	2			76	22.95	22.73	22.61	23
	75			0	23.62	23.33	23.27	24
	Inner		1	1	26.63	26.38	26.32	24
			1	76	25.99	25.76	25.63	24
			36	18	26.01	25.76	25.72	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.72	23.50	23.36
		1		77	22.96	22.67	22.68	23
		2		0	23.63	23.34	23.27	23
		2		76	22.98	22.79	22.65	23
		75		0	23.57	23.33	23.23	24
		Inner	1	1	26.43	26.18	26.07	24
			1	76	25.83	25.54	25.45	24
			36	18	26.03	25.90	25.75	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.82	23.55	23.48
	1			77	23.13	22.97	22.83	23
	2			0	23.42	23.20	23.18	23
	2			76	22.95	22.56	22.62	23
	75			0	23.60	23.37	23.22	24
	Inner		1	1	26.33	26.01	25.94	24
			1	76	25.69	25.40	25.37	24
			36	18	26.09	25.89	25.73	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.17	23.04	22.81
		1		77	22.45	22.24	22.21	23
		2		0	23.72	23.40	23.28	23
		2		76	23.02	22.79	22.68	23
75		0		23.56	23.32	23.18	24	
Inner		1	1	26.13	25.98	25.82	24	
		1	76	25.48	25.17	25.14	24	
		36	18	26.14	25.93	25.74	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	23.56	23.26	23.27	23
			1	105	22.89	22.61	22.56	23
			2	0	23.65	23.44	23.36	23
			2	104	22.93	22.81	22.57	23
			100	0	23.60	23.42	23.28	24
		Inner	1	1	26.61	26.35	26.28	24
			1	104	25.95	25.73	25.64	24
			50	25	26.10	25.74	25.74	24
		DFT-s-OFDM QPSK	Outer	1	0	23.52	23.37	23.29
	1			105	22.93	22.69	22.55	23
	2			0	23.62	23.39	23.39	23
	2			104	22.96	22.76	22.54	23
	100			0	23.60	23.36	23.29	24
	Inner		1	1	26.64	26.38	26.33	24
			1	104	25.97	25.74	25.65	24
			50	25	25.99	25.79	25.76	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.65	23.54	23.32
		1		105	22.99	22.66	22.72	23
		2		0	23.57	23.36	23.22	23
		2		104	23.02	22.83	22.64	23
		100		0	23.57	23.36	23.26	24
		Inner	1	1	26.44	26.18	26.01	24
			1	104	25.84	25.59	25.42	24
			50	25	26.06	25.83	25.73	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.85	23.58	23.48
	1			105	23.16	22.90	22.81	23
	2			0	23.45	23.22	23.16	23
	2			104	22.92	22.62	22.56	23
	100			0	23.54	23.36	23.28	24
	Inner		1	1	26.31	25.97	25.95	24
			1	104	25.64	25.36	25.39	24
			50	25	26.07	25.92	25.68	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.10	23.05	22.84
		1		105	22.49	22.26	22.15	23
		2		0	23.65	23.43	23.29	23
		2		104	23.01	22.75	22.66	23
		100		0	23.56	23.32	23.19	24
		Inner	1	1	26.13	25.98	25.80	24
			1	104	25.44	25.18	25.14	24
			50	25	26.07	25.96	25.77	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	23.55	23.27	23.23	23	
			1	132	22.90	22.59	22.58	23	
			2	0	23.61	23.40	23.37	23	
			2	131	22.94	22.77	22.58	23	
			128	0	23.54	23.46	23.24	24	
		Inner	1	1	26.64	26.32	26.35	24	
			1	131	25.93	25.74	25.60	24	
			64	32	26.04	25.75	25.75	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.49	23.37	23.28	23
				1	132	22.93	22.64	22.59	23
				2	0	23.62	23.34	23.33	23
				2	131	22.94	22.79	22.56	23
	128			0	23.59	23.33	23.30	24	
	Inner		1	1	26.67	26.41	26.30	24	
			1	131	25.95	25.76	25.63	24	
			64	32	26.04	25.79	25.74	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.65	23.54	23.32	23
				1	132	22.95	22.66	22.66	23
				2	0	23.63	23.36	23.21	23
				2	131	22.98	22.85	22.64	23
		128		0	23.63	23.32	23.20	24	
		Inner	1	1	26.40	26.17	26.03	24	
			1	131	25.83	25.56	25.43	24	
			64	32	26.03	25.89	25.71	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.84	23.59	23.49	23
				1	132	23.13	22.93	22.77	23
				2	0	23.44	23.24	23.14	23
				2	131	22.92	22.57	22.58	23
	128			0	23.59	23.33	23.28	24	
	Inner		1	1	26.32	25.96	25.99	24	
			1	131	25.70	25.39	25.33	24	
			64	32	26.08	25.86	25.68	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.15	23.00	22.84	23
				1	132	22.51	22.24	22.18	23
				2	0	23.67	23.36	23.29	23
				2	131	23.03	22.72	22.73	23
		128		0	23.52	23.33	23.15	24	
		Inner	1	1	26.17	25.93	25.80	24	
			1	131	25.45	25.15	25.14	24	
			64	32	26.14	25.96	25.74	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	23.54	23.32	23.22	23	
			1	161	22.85	22.62	22.58	23	
			2	0	23.62	23.43	23.33	23	
			2	160	22.90	22.81	22.58	23	
			162	0	23.58	23.42	23.28	24	
		Inner	1	1	26.62	26.35	26.31	24	
			1	160	25.92	25.71	25.63	24	
			81	40	26.03	25.78	25.72	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.55	23.31	23.31	23
				1	161	22.87	22.66	22.53	23
				2	0	23.64	23.38	23.35	23
				2	160	22.95	22.73	22.61	23
	162			0	23.62	23.33	23.27	24	
	Inner		1	1	26.63	26.38	26.32	24	
			1	160	25.99	25.76	25.63	24	
			81	40	26.01	25.76	25.72	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.72	23.50	23.36	23
				1	161	22.96	22.67	22.68	23
				2	0	23.63	23.34	23.27	23
				2	160	22.98	22.79	22.65	23
		162		0	23.57	23.33	23.23	24	
		Inner	1	1	26.43	26.18	26.07	24	
			1	160	25.83	25.54	25.45	24	
			81	40	26.03	25.90	25.75	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.82	23.55	23.48	23
				1	161	23.13	22.97	22.83	23
				2	0	23.42	23.20	23.18	23
				2	160	22.95	22.56	22.62	23
	162			0	23.60	23.37	23.22	24	
	Inner		1	1	26.33	26.01	25.94	24	
			1	160	25.69	25.40	25.37	24	
			81	40	26.09	25.89	25.73	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.17	23.04	22.81	23
				1	161	22.45	22.24	22.21	23
				2	0	23.72	23.40	23.28	23
				2	160	23.02	22.79	22.68	23
		162		0	23.56	23.32	23.18	24	
		Inner	1	1	26.13	25.98	25.82	24	
			1	160	25.48	25.17	25.14	24	
			81	40	26.14	25.93	25.74	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	23.57	23.28	23.26	23	
			1	188	22.91	22.62	22.52	23	
			2	0	23.60	23.45	23.34	23	
			2	187	22.96	22.75	22.58	23	
			180	0	23.56	23.39	23.27	24	
		Inner	1	1	26.67	26.35	26.28	24	
			1	187	25.92	25.68	25.59	24	
			90	45	26.09	25.79	25.73	24	
		DFT-s-OFDM QPSK	Outer	1	0	23.55	23.31	23.32	23
				1	188	22.87	22.68	22.56	23
				2	0	23.68	23.32	23.40	23
				2	187	22.92	22.77	22.57	23
	180			0	23.63	23.32	23.30	24	
	Inner		1	1	26.67	26.39	26.29	24	
			1	187	25.94	25.70	25.69	24	
			90	45	26.05	25.82	25.70	24	
	DFT-s-OFDM 16QAM		Outer	1	0	23.66	23.48	23.32	23
				1	188	22.98	22.68	22.71	23
				2	0	23.63	23.35	23.24	23
				2	187	22.97	22.79	22.64	23
		180		0	23.63	23.36	23.24	24	
		Inner	1	1	26.40	26.19	26.08	24	
			1	187	25.84	25.59	25.45	24	
			90	45	26.03	25.84	25.75	24	
		DFT-s-OFDM 64QAM	Outer	1	0	23.85	23.56	23.53	23
				1	188	23.18	22.97	22.79	23
				2	0	23.40	23.17	23.16	23
				2	187	22.94	22.58	22.61	23
	180			0	23.59	23.34	23.25	24	
	Inner		1	1	26.31	25.96	25.98	24	
			1	187	25.69	25.33	25.40	24	
			90	45	26.07	25.90	25.69	24	
	DFT-s-OFDM 256QAM		Outer	1	0	23.16	22.99	22.81	23
				1	188	22.47	22.23	22.21	23
				2	0	23.72	23.42	23.23	23
				2	187	23.03	22.72	22.72	23
		180		0	23.52	23.31	23.12	24	
		Inner	1	1	26.13	25.98	25.79	24	
			1	187	25.44	25.18	25.14	24	
			90	45	26.13	25.93	25.78	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	23.55	23.27	23.23	23
			1	216	22.90	22.59	22.58	23
			2	0	23.61	23.40	23.37	23
			2	215	22.94	22.77	22.58	23
			216	0	23.54	23.46	23.24	24
		Inner	1	1	26.64	26.32	26.35	24
			1	215	25.93	25.74	25.60	24
			108	54	26.04	25.75	25.75	24
		DFT-s-OFDM QPSK	Outer	1	0	23.49	23.37	23.28
	1			216	22.93	22.64	22.59	23
	2			0	23.62	23.34	23.33	23
	2			215	22.94	22.79	22.56	23
	216			0	23.59	23.33	23.30	24
	Inner		1	1	26.63	26.39	26.29	24
			1	215	25.93	25.73	25.69	24
			108	54	25.98	25.82	25.72	24
	DFT-s-OFDM 16QAM		Outer	1	0	23.65	23.55	23.36
		1		216	22.97	22.69	22.65	23
		2		0	23.57	23.41	23.27	23
		2		215	22.99	22.82	22.58	23
		216		0	23.59	23.35	23.25	24
		Inner	1	1	26.40	26.17	26.04	24
			1	215	25.78	25.56	25.48	24
			108	54	26.03	25.89	25.71	24
		DFT-s-OFDM 64QAM	Outer	1	0	23.78	23.59	23.54
	1			216	23.17	22.93	22.77	23
	2			0	23.39	23.24	23.20	23
	2			215	22.92	22.59	22.59	23
	216			0	23.59	23.33	23.29	24
	Inner		1	1	26.29	26.00	25.95	24
			1	215	25.68	25.35	25.39	24
			108	54	26.13	25.87	25.69	24
	DFT-s-OFDM 256QAM		Outer	1	0	23.12	22.98	22.84
		1		216	22.52	22.29	22.15	23
		2		0	23.68	23.36	23.25	23
		2		215	23.04	22.74	22.72	23
		216		0	23.55	23.35	23.13	24
		Inner	1	1	26.17	25.92	25.84	24
			1	215	25.43	25.19	25.11	24
			108	54	26.13	25.90	25.81	24