



BUREAU
VERITAS

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	22.32	23		
			1	188	21.92	21.70	21.54	23		
			2	0	22.72	22.48	22.37	23		
			2	187	21.99	21.70	21.66	23		
			180	0	23.18	22.93	22.81	24		
		Inner	1	1	23.70	23.41	23.29	24		
			1	187	22.94	22.73	22.61	24		
			90	45	23.10	22.93	22.74	24		
			DFT-s-OFDM QPSK	Outer	1	0	22.61	22.35	22.33	23
					1	188	21.94	21.73	21.61	23
	2	0			22.70	22.40	22.41	23		
	2	187			21.99	21.82	21.66	23		
	180	0			23.15	22.91	22.87	24		
	Inner	1		1	23.73	23.45	23.32	24		
		1		187	22.98	22.75	22.74	24		
		90		45	23.16	22.90	22.73	24		
		DFT-s-OFDM 16QAM		Outer	1	0	22.72	22.51	22.36	23
					1	188	22.01	21.75	21.69	23
	2		0		22.69	22.39	22.33	23		
	2		187		22.04	21.75	21.71	23		
	180		0		23.13	22.90	22.81	24		
	Inner		1	1	23.47	23.25	23.11	24		
			1	187	22.87	22.58	22.49	24		
			90	45	23.05	22.86	22.77	24		
			DFT-s-OFDM 64QAM	Outer	1	0	22.86	22.65	22.50	23
					1	188	22.19	22.01	21.87	23
	2	0			22.47	22.28	22.14	23		
	2	187			21.92	21.64	21.63	23		
	180	0			23.18	22.90	22.80	24		
	Inner	1		1	23.29	23.03	23.03	24		
		1		187	22.76	22.47	22.36	24		
		90		45	23.11	22.90	22.79	24		
		DFT-s-OFDM 256QAM		Outer	1	0	22.29	21.97	21.91	23
					1	188	21.59	21.32	21.22	23
	2		0		22.72	22.50	22.29	23		
	2		187		22.08	21.81	21.72	23		
	180		0		23.06	22.87	22.77	24		
	Inner		1	1	23.24	23.05	22.86	24		
			1	187	22.47	22.26	22.21	24		
			90	45	23.19	22.98	22.84	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	22.29	23	
			1	216	21.91	21.67	21.60	23	
			2	0	22.73	22.43	22.40	23	
			2	215	21.97	21.72	21.66	23	
			216	0	23.16	23.00	22.78	24	
		Inner	1	1	23.67	23.38	23.36	24	
			1	215	22.95	22.79	22.62	24	
			108	54	23.05	22.89	22.76	24	
		DFT-s-OFDM QPSK	Outer	1	0	22.55	22.41	22.29	23
				1	216	22.00	21.69	21.64	23
				2	0	22.64	22.42	22.34	23
				2	215	22.01	21.84	21.65	23
	216			0	23.11	22.92	22.87	24	
	Inner		1	1	23.69	23.45	23.32	24	
			1	215	22.97	22.78	22.74	24	
			108	54	23.09	22.90	22.75	24	
	DFT-s-OFDM 16QAM		Outer	1	0	22.71	22.58	22.40	23
				1	216	22.00	21.76	21.63	23
				2	0	22.63	22.45	22.36	23
				2	215	22.06	21.78	21.65	23
		216		0	23.09	22.89	22.82	24	
		Inner	1	1	23.47	23.23	23.07	24	
			1	215	22.81	22.55	22.52	24	
			108	54	23.05	22.91	22.73	24	
		DFT-s-OFDM 64QAM	Outer	1	0	22.79	22.68	22.51	23
				1	216	22.18	21.97	21.85	23
				2	0	22.46	22.35	22.18	23
				2	215	21.90	21.65	21.61	23
	216			0	23.18	22.89	22.84	24	
	Inner		1	1	23.27	23.07	23.00	24	
			1	215	22.75	22.49	22.35	24	
			108	54	23.17	22.87	22.79	24	
	DFT-s-OFDM 256QAM		Outer	1	0	22.25	21.96	21.94	23
				1	216	21.64	21.38	21.16	23
				2	0	22.68	22.44	22.31	23
				2	215	22.09	21.83	21.72	23
		216		0	23.09	22.91	22.78	24	
		Inner	1	1	23.28	22.99	22.91	24	
			1	215	22.46	22.27	22.18	24	
			108	54	23.19	22.95	22.87	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	22.26	23
			1	244	21.89	21.72	21.56	23
			2	0	22.76	22.50	22.37	23
			2	243	21.95	21.72	21.70	23
			240	0	23.23	22.99	22.78	24
		Inner	1	1	23.63	23.36	23.35	24
			1	243	23.00	22.77	22.64	24
			120	60	23.09	22.93	22.72	24
		DFT-s-OFDM QPSK	Outer	1	0	22.59	22.38	22.32
	1			244	21.96	21.75	21.63	23
	2			0	22.70	22.40	22.41	23
	2			243	21.99	21.82	21.66	23
	240			0	23.15	22.91	22.87	24
	Inner		1	1	23.74	23.47	23.29	24
			1	243	22.98	22.80	22.72	24
			120	60	23.15	22.85	22.76	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.73	22.51	22.40
		1		244	22.03	21.79	21.63	23
		2		0	22.64	22.38	22.32	23
		2		243	22.08	21.82	21.69	23
		240		0	23.13	22.83	22.84	24
		Inner	1	1	23.45	23.26	23.07	24
			1	243	22.86	22.52	22.53	24
			120	60	23.05	22.89	22.74	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.84	22.63	22.51
	1			244	22.20	21.95	21.88	23
	2			0	22.48	22.28	22.18	23
	2			243	21.94	21.68	21.57	23
	240			0	23.13	22.89	22.79	24
	Inner		1	1	23.32	23.05	23.03	24
			1	243	22.76	22.48	22.32	24
			120	60	23.13	22.86	22.82	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.29	21.96	21.95
		1		244	21.57	21.36	21.19	23
		2		0	22.71	22.44	22.36	23
		2		243	22.02	21.85	21.69	23
		240		0	23.11	22.87	22.83	24
		Inner	1	1	23.28	23.00	22.87	24
			1	243	22.48	22.23	22.21	24
			120	60	23.20	23.01	22.80	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	22.34	23
			1	272	21.93	21.75	21.62	23
			2	0	22.78	22.51	22.41	23
			2	271	22.01	21.77	21.71	23
			270	0	23.24	23.01	22.83	24
		Inner	1	1	23.71	23.43	23.37	24
			1	271	23.01	22.81	22.67	24
			135	67	23.12	22.94	22.78	24
		DFT-s-OFDM QPSK	Outer	1	0	22.63	22.43	22.34
	1			272	22.02	21.77	21.66	23
	2			0	22.72	22.48	22.42	23
	2			271	22.07	21.86	21.71	23
	270			0	23.18	22.97	22.89	24
	Inner		1	1	23.75	23.52	23.37	24
			1	271	23.04	22.83	22.76	24
			135	67	23.17	22.92	22.81	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.79	22.59	22.42
		1		272	22.04	21.81	21.71	23
		2		0	22.71	22.46	22.38	23
		2		271	22.10	21.83	21.73	23
		270		0	23.15	22.91	22.85	24
		Inner	1	1	23.53	23.30	23.12	24
			1	271	22.88	22.60	22.54	24
			135	67	23.13	22.93	22.79	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.87	22.69	22.53
	1			272	22.22	22.02	21.93	23
	2			0	22.54	22.36	22.20	23
	2			271	21.95	21.70	21.65	23
	270			0	23.20	22.97	22.85	24
	Inner		1	1	23.35	23.11	23.05	24
			1	271	22.78	22.55	22.37	24
			135	67	23.19	22.94	22.84	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.31	22.04	21.96
		1		272	21.65	21.40	21.24	23
		2		0	22.73	22.52	22.37	23
		2		271	22.10	21.89	21.74	23
270		0		23.14	22.93	22.85	24	
Inner		1	1	23.30	23.07	22.92	24	
		1	271	22.54	22.31	22.23	24	
		135	67	23.21	23.03	22.88	24	



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Test Report No.: W7L-P22020005RF03

N77C-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	22.48	22.25	22.27	23
			1	50	21.81	21.65	21.52	23
			2	0	22.64	22.57	22.44	23
			2	49	21.87	21.70	21.67	23
			51	0	22.61	22.40	22.40	23
		Inner	1	1	23.74	23.57	23.49	24
			1	49	22.96	22.80	22.68	24
			25	12	23.10	22.94	22.85	24
		CP-OFDM 16QAM	Outer	1	0	22.77	22.52	22.55
	1			50	21.96	21.92	21.80	23
	2			0	22.64	22.38	22.43	23
	2			49	21.84	21.76	21.65	23
	51			0	22.61	22.48	22.40	23
	Inner		1	1	23.46	23.24	23.25	24
			1	49	22.66	22.57	22.54	24
			25	12	23.15	22.99	22.82	24
	CP-OFDM 64QAM		Outer	1	0	22.67	22.59	22.52
		1		50	22.10	21.93	21.90	23
		2		0	22.57	22.32	22.33	23
		2		49	21.78	21.56	21.60	23
		51		0	22.12	21.94	21.91	23
		Inner	1	1	22.68	22.62	22.49	23
			1	49	22.07	21.84	21.90	23
			25	12	22.12	22.01	21.92	23
		CP-OFDM 256QAM	Outer	1	0	19.46	19.29	19.26
	1			50	18.97	18.72	18.73	20
	2			0	19.47	19.28	19.22	20
	2			49	18.86	18.72	18.55	20
	51			0	19.16	19.00	18.85	20
	Inner		1	1	19.52	19.43	19.28	20
			1	49	18.89	18.73	18.69	20
			25	12	19.10	18.96	18.92	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	22.45	22.29	22.23	23
			1	77	21.75	21.65	21.58	23
			2	0	22.66	22.55	22.43	23
			2	76	21.81	21.76	21.67	23
			78	0	22.63	22.43	22.41	23
		Inner	1	1	23.69	23.57	23.52	24
			1	76	22.96	22.83	22.72	24
			39	19	23.04	22.93	22.84	24
	CP-OFDM 16QAM	Outer	1	0	22.77	22.52	22.54	23
			1	77	21.96	21.90	21.77	23
			2	0	22.60	22.44	22.38	23
			2	76	21.87	21.72	21.69	23
			78	0	22.60	22.49	22.37	23
		Inner	1	1	23.42	23.23	23.28	24
			1	76	22.71	22.63	22.48	24
			39	19	23.11	22.93	22.84	24
	CP-OFDM 64QAM	Outer	1	0	22.73	22.61	22.56	23
			1	77	22.08	21.92	21.87	23
			2	0	22.57	22.31	22.36	23
			2	76	21.79	21.56	21.61	23
			78	0	22.06	21.98	21.87	23
		Inner	1	1	22.73	22.60	22.52	23
			1	76	22.07	21.85	21.86	23
			39	19	22.12	22.04	21.95	23
	CP-OFDM 256QAM	Outer	1	0	19.45	19.30	19.20	20
			1	77	18.91	18.78	18.76	20
			2	0	19.48	19.31	19.20	20
			2	76	18.85	18.66	18.62	20
			78	0	19.16	19.00	18.85	20
		Inner	1	1	19.52	19.43	19.28	20
			1	76	18.89	18.73	18.69	20
			39	19	19.10	18.96	18.92	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	22.47	22.23	22.28	23
			1	105	21.79	21.64	21.56	23
			2	0	22.69	22.56	22.46	23
			2	104	21.84	21.76	21.66	23
			106	0	22.65	22.43	22.41	23
		Inner	1	1	23.68	23.57	23.49	24
			1	104	22.99	22.85	22.73	24
	53		26	23.11	22.89	22.86	24	
	CP-OFDM 16QAM	Outer	1	0	22.74	22.58	22.52	23
			1	105	22.02	21.93	21.79	23
			2	0	22.58	22.45	22.42	23
			2	104	21.88	21.75	21.62	23
			106	0	22.58	22.52	22.39	23
		Inner	1	1	23.43	23.23	23.29	24
			1	104	22.69	22.61	22.50	24
	53		26	23.09	22.96	22.88	24	
	CP-OFDM 64QAM	Outer	1	0	22.66	22.65	22.52	23
			1	105	22.11	21.91	21.91	23
			2	0	22.51	22.33	22.31	23
			2	104	21.83	21.60	21.60	23
			106	0	22.06	22.01	21.90	23
		Inner	1	1	22.74	22.60	22.46	23
			1	104	22.08	21.90	21.83	23
	53		26	22.15	21.97	21.93	23	
	CP-OFDM 256QAM	Outer	1	0	19.48	19.33	19.20	20
			1	105	18.94	18.71	18.74	20
			2	0	19.51	19.33	19.18	20
			2	104	18.82	18.72	18.56	20
			106	0	19.10	18.99	18.91	20
		Inner	1	1	19.50	19.39	19.29	20
			1	104	18.84	18.69	18.71	20
	53		26	19.08	18.99	18.87	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	22.46	22.24	22.24	23
			1	132	21.80	21.62	21.58	23
			2	0	22.65	22.52	22.47	23
			2	131	21.85	21.72	21.67	23
			133	0	22.59	22.47	22.37	23
		Inner	1	1	23.71	23.54	23.56	24
			1	131	22.97	22.86	22.69	24
			67	33	23.05	22.90	22.87	24
	CP-OFDM 16QAM	Outer	1	0	22.71	22.58	22.51	23
			1	132	22.02	21.88	21.83	23
			2	0	22.58	22.40	22.36	23
			2	131	21.86	21.78	21.64	23
			133	0	22.57	22.49	22.40	23
		Inner	1	1	23.46	23.26	23.26	24
			1	131	22.67	22.63	22.48	24
			67	33	23.14	22.96	22.86	24
	CP-OFDM 64QAM	Outer	1	0	22.66	22.65	22.52	23
			1	132	22.07	21.91	21.85	23
			2	0	22.57	22.33	22.30	23
			2	131	21.79	21.62	21.60	23
			133	0	22.12	21.97	21.84	23
		Inner	1	1	22.70	22.59	22.48	23
			1	131	22.07	21.87	21.84	23
			67	33	22.12	22.03	21.91	23
	CP-OFDM 256QAM	Outer	1	0	19.47	19.34	19.21	20
			1	132	18.91	18.74	18.70	20
			2	0	19.50	19.35	19.16	20
			2	131	18.82	18.67	18.58	20
			133	0	19.15	18.96	18.91	20
		Inner	1	1	19.51	19.38	19.33	20
			1	131	18.90	18.72	18.65	20
			67	33	19.09	18.93	18.87	20



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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	CP-OFDM QPSK	Outer	1	0	22.45	22.29	22.23	23
			1	161	21.75	21.65	21.58	23
			2	0	22.66	22.55	22.43	23
			2	160	21.81	21.76	21.67	23
		162	0	22.63	22.43	22.41	23	
		Inner	1	1	23.69	23.57	23.52	24
			1	160	22.96	22.83	22.72	24
			81	40	23.04	22.93	22.84	24
	CP-OFDM 16QAM	Outer	1	0	22.77	22.52	22.54	23
			1	161	21.96	21.90	21.77	23
			2	0	22.60	22.44	22.38	23
			2	160	21.87	21.72	21.69	23
		162	0	22.60	22.49	22.37	23	
		Inner	1	1	23.42	23.23	23.28	24
			1	160	22.71	22.63	22.48	24
			81	40	23.11	22.93	22.84	24
	CP-OFDM 64QAM	Outer	1	0	22.73	22.61	22.56	23
			1	161	22.08	21.92	21.87	23
			2	0	22.57	22.31	22.36	23
			2	160	21.79	21.56	21.61	23
		162	0	22.06	21.98	21.87	23	
		Inner	1	1	22.73	22.60	22.52	23
			1	160	22.07	21.85	21.86	23
			81	40	22.12	22.04	21.95	23
	CP-OFDM 256QAM	Outer	1	0	19.45	19.30	19.20	20
			1	161	18.91	18.78	18.76	20
			2	0	19.48	19.31	19.20	20
			2	160	18.85	18.66	18.62	20
		162	0	19.16	19.00	18.85	20	
		Inner	1	1	19.52	19.43	19.28	20
			1	160	18.89	18.73	18.69	20
			81	40	19.10	18.96	18.92	20



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	CP-OFDM QPSK	Outer	1	0	22.48	22.25	22.27	23
			1	188	21.81	21.65	21.52	23
			2	0	22.64	22.57	22.44	23
			2	187	21.87	21.70	21.67	23
			189	0	22.61	22.40	22.40	23
		Inner	1	1	23.74	23.57	23.49	24
			1	187	22.96	22.80	22.68	24
			95	47	23.10	22.94	22.85	24
		CP-OFDM 16QAM	Outer	1	0	22.77	22.52	22.55
	1			188	21.96	21.92	21.80	23
	2			0	22.64	22.38	22.43	23
	2			187	21.84	21.76	21.65	23
	189			0	22.61	22.48	22.40	23
	Inner		1	1	23.46	23.24	23.25	24
			1	187	22.66	22.57	22.54	24
			95	47	23.15	22.99	22.82	24
	CP-OFDM 64QAM		Outer	1	0	22.67	22.59	22.52
		1		188	22.10	21.93	21.90	23
		2		0	22.57	22.32	22.33	23
		2		187	21.78	21.56	21.60	23
		189		0	22.12	22.01	21.88	23
		Inner	1	1	22.70	22.61	22.53	23
			1	187	22.08	21.90	21.86	23
			95	47	22.12	21.98	21.95	23
		CP-OFDM 256QAM	Outer	1	0	19.48	19.31	19.25
	1			188	18.96	18.78	18.72	20
	2			0	19.46	19.28	19.18	20
	2			187	18.84	18.68	18.61	20
	189			0	19.15	18.97	18.88	20
	Inner		1	1	19.50	19.38	19.32	20
			1	187	18.89	18.66	18.72	20
			95	47	19.08	18.97	18.88	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	22.46	22.24	22.24	23
			1	216	21.80	21.62	21.58	23
			2	0	22.65	22.52	22.47	23
			2	215	21.85	21.72	21.67	23
			217	0	22.59	22.47	22.37	23
		Inner	1	1	23.71	23.54	23.56	24
			1	215	22.97	22.86	22.69	24
			109	54	23.05	22.90	22.87	24
	CP-OFDM 16QAM	Outer	1	0	22.71	22.58	22.51	23
			1	216	22.02	21.88	21.83	23
			2	0	22.58	22.40	22.36	23
			2	215	21.86	21.78	21.64	23
			217	0	22.57	22.49	22.40	23
		Inner	1	1	23.42	23.24	23.25	24
			1	215	22.65	22.60	22.54	24
			109	54	23.08	22.99	22.84	24
	CP-OFDM 64QAM	Outer	1	0	22.66	22.66	22.56	23
			1	216	22.09	21.94	21.84	23
			2	0	22.51	22.38	22.36	23
			2	215	21.80	21.59	21.54	23
			217	0	22.08	22.00	21.89	23
		Inner	1	1	22.70	22.59	22.49	23
			1	215	22.02	21.87	21.89	23
			109	54	22.12	22.03	21.91	23
	CP-OFDM 256QAM	Outer	1	0	19.41	19.34	19.26	20
			1	216	18.95	18.74	18.70	20
			2	0	19.45	19.35	19.22	20
			2	215	18.82	18.69	18.59	20
			217	0	19.15	18.96	18.92	20
		Inner	1	1	19.48	19.42	19.29	20
			1	215	18.88	18.68	18.71	20
			109	54	19.14	18.94	18.88	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	22.50	22.27	22.21	23
			1	244	21.78	21.67	21.54	23
			2	0	22.68	22.59	22.44	23
			2	243	21.83	21.72	21.71	23
			245	0	22.66	22.46	22.37	23
		Inner	1	1	23.67	23.52	23.55	24
			1	243	23.02	22.84	22.71	24
	123		61	23.09	22.94	22.83	24	
	CP-OFDM 16QAM	Outer	1	0	22.75	22.55	22.54	23
			1	244	21.98	21.94	21.82	23
			2	0	22.64	22.38	22.43	23
			2	243	21.84	21.76	21.65	23
			245	0	22.61	22.48	22.40	23
		Inner	1	1	23.47	23.26	23.22	24
			1	243	22.66	22.62	22.52	24
	123		61	23.14	22.94	22.85	24	
	CP-OFDM 64QAM	Outer	1	0	22.68	22.59	22.56	23
			1	244	22.12	21.97	21.84	23
			2	0	22.52	22.31	22.32	23
			2	243	21.82	21.63	21.58	23
			245	0	22.12	21.94	21.91	23
		Inner	1	1	22.68	22.62	22.49	23
			1	243	22.07	21.84	21.90	23
	123		61	22.12	22.01	21.92	23	
	CP-OFDM 256QAM	Outer	1	0	19.46	19.29	19.26	20
			1	244	18.97	18.72	18.73	20
			2	0	19.47	19.28	19.22	20
			2	243	18.86	18.72	18.55	20
			245	0	19.10	18.96	18.87	20
		Inner	1	1	19.53	19.40	19.32	20
			1	243	18.89	18.67	18.68	20
	123		61	19.10	18.93	18.91	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	22.51	22.31	22.29	23
			1	272	21.82	21.70	21.60	23
			2	0	22.70	22.60	22.48	23
			2	271	21.89	21.77	21.72	23
			273	0	22.67	22.48	22.42	23
		Inner	1	1	23.75	23.59	23.57	24
			1	271	23.03	22.88	22.74	24
	137		68	23.12	22.95	22.89	24	
	CP-OFDM 16QAM	Outer	1	0	22.79	22.60	22.56	23
			1	272	22.04	21.96	21.85	23
			2	0	22.66	22.46	22.44	23
			2	271	21.92	21.80	21.70	23
			273	0	22.64	22.54	22.42	23
		Inner	1	1	23.48	23.31	23.30	24
			1	271	22.72	22.65	22.56	24
	137		68	23.16	23.01	22.90	24	
	CP-OFDM 64QAM	Outer	1	0	22.74	22.67	22.58	23
			1	272	22.13	21.99	21.92	23
			2	0	22.59	22.39	22.38	23
			2	271	21.84	21.64	21.62	23
			273	0	22.14	22.02	21.92	23
		Inner	1	1	22.76	22.66	22.54	23
			1	271	22.09	21.92	21.91	23
	137		68	22.20	22.05	21.97	23	
	CP-OFDM 256QAM	Outer	1	0	19.49	19.35	19.28	20
			1	272	18.99	18.79	18.78	20
			2	0	19.53	19.36	19.24	20
			2	271	18.87	18.74	18.63	20
			273	0	19.17	19.04	18.93	20
		Inner	1	1	19.56	19.46	19.34	20
			1	271	18.91	18.74	18.73	20
	137		68	19.16	19.01	18.93	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	22.64	22.33	22.31	23
			1	50	21.92	21.68	21.51	23
			2	0	22.68	22.53	22.36	23
			2	49	21.98	21.73	21.66	23
			50	0	23.17	22.88	22.84	24
		Inner	1	1	23.66	23.41	23.29	24
			1	49	23.01	22.77	22.61	24
			25	12	23.11	22.87	22.74	24
		DFT-s-OFDM QPSK	Outer	1	0	22.67	22.34	22.33
	1			50	21.88	21.76	21.60	23
	2			0	22.74	22.40	22.41	23
	2			49	21.93	21.77	21.62	23
	50			0	23.15	22.94	22.82	24
	Inner		1	1	23.69	23.39	23.36	24
			1	49	22.98	22.81	22.74	24
			25	12	23.13	22.89	22.68	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.67	22.51	22.40
		1		50	22.03	21.78	21.71	23
		2		0	22.70	22.37	22.34	23
		2		49	22.04	21.74	21.74	23
		50		0	23.11	22.85	22.78	24
		Inner	2	49	23.40	23.26	23.09	24
			25	12	22.83	22.52	22.54	24
			50	0	23.09	22.90	22.77	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.85	22.60	22.53
	1			50	22.25	21.92	21.89	23
	2			0	22.53	22.26	22.16	23
	2			49	21.95	21.73	21.52	23
	50			0	23.21	22.97	22.78	24
	Inner		1	1	23.31	23.14	22.95	24
			1	49	22.72	22.48	22.40	24
			25	12	23.14	22.92	22.84	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.25	22.00	21.91
		1		50	21.57	21.35	21.22	23
		2		0	22.71	22.43	22.34	23
		2		49	22.07	21.82	21.67	23
50		0		23.10	22.85	22.82	24	
Inner		1	1	23.24	23.05	22.86	24	
		1	49	22.49	22.20	22.17	24	
		25	12	23.14	22.99	22.84	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	21.86	21.68	21.57	23
			2	0	22.70	22.51	22.35	23
			2	76	21.92	21.79	21.66	23
			75	0	23.19	22.91	22.85	24
		Inner	1	1	23.61	23.41	23.32	24
			1	76	23.01	22.80	22.65	24
			36	18	23.05	22.86	22.73	24
		DFT-s-OFDM QPSK	Outer	1	0	22.67	22.34	22.32
	1			77	21.88	21.74	21.57	23
	2			0	22.70	22.46	22.36	23
	2			76	21.96	21.73	21.66	23
	75			0	23.14	22.95	22.79	24
	Inner		1	1	23.65	23.38	23.39	24
			1	76	23.03	22.87	22.68	24
			36	18	23.09	22.83	22.70	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.73	22.53	22.44
		1		77	22.01	21.77	21.68	23
		2		0	22.70	22.36	22.37	23
		2		76	22.05	21.74	21.75	23
		75		0	23.05	22.89	22.74	24
		Inner	1	1	23.45	23.24	23.12	24
			1	76	22.83	22.53	22.50	24
			36	18	23.09	22.93	22.80	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.84	22.61	22.47
	1			77	22.19	21.98	21.92	23
	2			0	22.54	22.29	22.14	23
	2			76	21.94	21.67	21.59	23
	75			0	23.21	22.97	22.78	24
	Inner		1	1	23.31	23.14	22.95	24
			1	76	22.72	22.48	22.40	24
			36	18	23.14	22.92	22.84	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.25	22.00	21.91
		1		77	21.57	21.35	21.22	23
		2		0	22.71	22.43	22.34	23
		2		76	22.07	21.82	21.67	23
		75		0	23.10	22.85	22.82	24
		Inner	1	1	23.24	23.05	22.86	24
			1	76	22.48	22.22	22.16	24
			36	18	23.21	22.98	22.81	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	21.90	21.67	21.55	23
			2	0	22.73	22.52	22.38	23
			2	104	21.95	21.79	21.65	23
			100	0	23.21	22.91	22.85	24
		Inner	1	1	23.60	23.41	23.29	24
			1	104	23.04	22.82	22.66	24
			50	25	23.12	22.82	22.75	24
		DFT-s-OFDM QPSK	Outer	1	0	22.64	22.40	22.30
	1			105	21.94	21.77	21.59	23
	2			0	22.68	22.47	22.40	23
	2			104	21.97	21.76	21.59	23
	100			0	23.12	22.98	22.81	24
	Inner		1	1	23.66	23.38	23.40	24
			1	104	23.01	22.85	22.70	24
			50	25	23.07	22.86	22.74	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.66	22.57	22.40
		1		105	22.04	21.76	21.72	23
		2		0	22.64	22.38	22.32	23
		2		104	22.09	21.78	21.74	23
		100		0	23.05	22.92	22.77	24
		Inner	1	1	23.46	23.24	23.06	24
			1	104	22.84	22.58	22.47	24
			50	25	23.12	22.86	22.78	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.87	22.64	22.47
	1			105	22.22	21.91	21.90	23
	2			0	22.57	22.31	22.12	23
	2			104	21.91	21.73	21.53	23
	100			0	23.15	22.96	22.84	24
	Inner		1	1	23.29	23.10	22.96	24
			1	104	22.67	22.44	22.42	24
			50	25	23.12	22.95	22.79	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.18	22.01	21.94
		1		105	21.61	21.37	21.16	23
		2		0	22.64	22.46	22.35	23
		2		104	22.06	21.78	21.65	23
100		0		23.10	22.85	22.83	24	
Inner		1	1	23.24	23.05	22.84	24	
		1	104	22.44	22.23	22.16	24	
		50	25	23.14	23.01	22.84	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	21.91	21.65	21.57	23	
			2	0	22.69	22.48	22.39	23	
			2	131	21.96	21.75	21.66	23	
			128	0	23.15	22.95	22.81	24	
		Inner	1	1	23.63	23.38	23.36	24	
			1	131	23.02	22.83	22.62	24	
			64	32	23.06	22.83	22.76	24	
		DFT-s-OFDM QPSK	Outer	1	0	22.61	22.40	22.29	23
				1	132	21.94	21.72	21.63	23
				2	0	22.68	22.42	22.34	23
				2	131	21.95	21.79	21.61	23
	128			0	23.11	22.95	22.82	24	
	Inner		1	1	23.69	23.41	23.37	24	
			1	131	22.99	22.87	22.68	24	
			64	32	23.12	22.86	22.72	24	
	DFT-s-OFDM 16QAM		Outer	1	0	22.66	22.57	22.40	23
				1	132	22.00	21.76	21.66	23
				2	0	22.70	22.38	22.31	23
				2	131	22.05	21.80	21.74	23
		128		0	23.11	22.88	22.71	24	
		Inner	1	1	23.42	23.23	23.08	24	
			1	131	22.83	22.55	22.48	24	
			64	32	23.09	22.92	22.76	24	
		DFT-s-OFDM 64QAM	Outer	1	0	22.86	22.65	22.48	23
				1	132	22.19	21.94	21.86	23
				2	0	22.56	22.33	22.10	23
				2	131	21.91	21.68	21.55	23
	128			0	23.20	22.93	22.84	24	
	Inner		1	1	23.30	23.09	23.00	24	
			1	131	22.73	22.47	22.36	24	
			64	32	23.13	22.89	22.79	24	
	DFT-s-OFDM 256QAM		Outer	1	0	22.23	21.96	21.94	23
				1	132	21.63	21.35	21.19	23
				2	0	22.66	22.39	22.35	23
				2	131	22.08	21.75	21.72	23
		128		0	23.06	22.86	22.79	24	
		Inner	1	1	23.28	23.00	22.84	24	
			1	131	22.45	22.20	22.16	24	
			64	32	23.21	23.01	22.81	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	22.61	22.37	22.27	23	
			1	161	21.86	21.68	21.57	23	
			2	0	22.70	22.51	22.35	23	
			2	160	21.92	21.79	21.66	23	
			162	0	23.19	22.91	22.85	24	
		Inner	1	1	23.61	23.41	23.32	24	
			1	160	23.01	22.80	22.65	24	
			81	40	23.05	22.86	22.73	24	
		DFT-s-OFDM QPSK	Outer	1	0	22.67	22.34	22.32	23
				1	161	21.88	21.74	21.57	23
				2	0	22.70	22.46	22.36	23
				2	160	21.96	21.73	21.66	23
	162			0	23.14	22.95	22.79	24	
	Inner		1	1	23.65	23.38	23.39	24	
			1	160	23.03	22.87	22.68	24	
			81	40	23.09	22.83	22.70	24	
	DFT-s-OFDM 16QAM		Outer	1	0	22.73	22.53	22.44	23
				1	161	22.01	21.77	21.68	23
				2	0	22.70	22.36	22.37	23
				2	160	22.05	21.74	21.75	23
		162		0	23.05	22.89	22.74	24	
		Inner	1	1	23.45	23.24	23.12	24	
			1	160	22.83	22.53	22.50	24	
			81	40	23.09	22.93	22.80	24	
		DFT-s-OFDM 64QAM	Outer	1	0	22.84	22.61	22.47	23
				1	161	22.19	21.98	21.92	23
				2	0	22.54	22.29	22.14	23
				2	160	21.94	21.67	21.59	23
	162			0	23.21	22.97	22.78	24	
	Inner		1	1	23.31	23.14	22.95	24	
			1	160	22.72	22.48	22.40	24	
			81	40	23.14	22.92	22.84	24	
	DFT-s-OFDM 256QAM		Outer	1	0	22.25	22.00	21.91	23
				1	161	21.57	21.35	21.22	23
				2	0	22.71	22.43	22.34	23
				2	160	22.07	21.82	21.67	23
		162		0	23.10	22.85	22.82	24	
		Inner	1	1	23.24	23.05	22.86	24	
			1	160	22.48	22.22	22.16	24	
			81	40	23.21	22.98	22.81	24	



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VERITAS**

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	21.92	21.68	21.51	23	
			2	0	22.68	22.53	22.36	23	
			2	187	21.98	21.73	21.66	23	
			180	0	23.17	22.88	22.84	24	
		Inner	1	1	23.66	23.41	23.29	24	
			1	187	23.01	22.77	22.61	24	
			90	45	23.11	22.87	22.74	24	
		DFT-s-OFDM QPSK	Outer	1	0	22.67	22.34	22.33	23
				1	188	21.88	21.76	21.60	23
				2	0	22.74	22.40	22.41	23
				2	187	21.93	21.77	21.62	23
	180			0	23.15	22.94	22.82	24	
	Inner		1	1	23.69	23.39	23.36	24	
			1	187	22.98	22.81	22.74	24	
			90	45	23.13	22.89	22.68	24	
	DFT-s-OFDM 16QAM		Outer	1	0	22.67	22.51	22.40	23
				1	188	22.03	21.78	21.71	23
				2	0	22.70	22.37	22.34	23
				2	187	22.04	21.74	21.74	23
		180		0	23.11	22.92	22.75	24	
		Inner	1	1	23.42	23.25	23.13	24	
			1	187	22.84	22.58	22.50	24	
			90	45	23.09	22.87	22.80	24	
		DFT-s-OFDM 64QAM	Outer	1	0	22.87	22.62	22.52	23
				1	188	22.24	21.98	21.88	23
				2	0	22.52	22.26	22.12	23
				2	187	21.93	21.69	21.58	23
	180			0	23.20	22.94	22.81	24	
	Inner		1	1	23.29	23.09	22.99	24	
			1	187	22.72	22.41	22.43	24	
			90	45	23.12	22.93	22.80	24	
	DFT-s-OFDM 256QAM		Outer	1	0	22.24	21.95	21.91	23
				1	188	21.59	21.34	21.22	23
				2	0	22.71	22.45	22.29	23
				2	187	22.08	21.75	21.71	23
		180		0	23.06	22.84	22.76	24	
		Inner	1	1	23.24	23.05	22.83	24	
			1	187	22.44	22.23	22.16	24	
			90	45	23.20	22.98	22.85	24	



BUREAU
VERITAS

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	21.91	21.65	21.57	23
			2	0	22.69	22.48	22.39	23
			2	215	21.96	21.75	21.66	23
			216	0	23.15	22.95	22.81	24
		Inner	1	1	23.63	23.38	23.36	24
			1	215	23.02	22.83	22.62	24
			108	54	23.06	22.83	22.76	24
		DFT-s-OFDM QPSK	Outer	1	0	22.61	22.40	22.29
	1			216	21.94	21.72	21.63	23
	2			0	22.68	22.42	22.34	23
	2			215	21.95	21.79	21.61	23
	216			0	23.11	22.95	22.82	24
	Inner		1	1	23.65	23.39	23.36	24
			1	215	22.97	22.84	22.74	24
			108	54	23.06	22.89	22.70	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.66	22.58	22.44
		1		216	22.02	21.79	21.65	23
		2		0	22.64	22.43	22.37	23
		2		215	22.06	21.77	21.68	23
		216		0	23.07	22.91	22.76	24
		Inner	1	1	23.42	23.23	23.09	24
			1	215	22.78	22.55	22.53	24
			108	54	23.09	22.92	22.76	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.80	22.65	22.53
	1			216	22.23	21.94	21.86	23
	2			0	22.51	22.33	22.16	23
	2			215	21.91	21.70	21.56	23
	216			0	23.20	22.93	22.85	24
	Inner		1	1	23.27	23.13	22.96	24
			1	215	22.71	22.43	22.42	24
			108	54	23.18	22.90	22.80	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.20	21.94	21.94
		1		216	21.64	21.40	21.16	23
		2		0	22.67	22.39	22.31	23
		2		215	22.09	21.77	21.71	23
		216		0	23.09	22.88	22.77	24
		Inner	1	1	23.28	22.99	22.88	24
			1	215	22.43	22.24	22.13	24
			108	54	23.20	22.95	22.88	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	21.89	21.70	21.53	23
			2	0	22.72	22.55	22.36	23
			2	243	21.94	21.75	21.70	23
			240	0	23.22	22.94	22.81	24
		Inner	1	1	23.59	23.36	23.35	24
			1	243	23.07	22.81	22.64	24
			120	60	23.10	22.87	22.72	24
		DFT-s-OFDM QPSK	Outer	1	0	22.65	22.37	22.32
	1			244	21.90	21.78	21.62	23
	2			0	22.74	22.40	22.41	23
	2			243	21.93	21.77	21.62	23
	240			0	23.15	22.94	22.82	24
	Inner		1	1	23.70	23.41	23.33	24
			1	243	22.98	22.86	22.72	24
			120	60	23.12	22.84	22.71	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.68	22.51	22.44
		1		244	22.05	21.82	21.65	23
		2		0	22.65	22.36	22.33	23
		2		243	22.08	21.81	21.72	23
		240		0	23.11	22.85	22.78	24
		Inner	1	1	23.40	23.26	23.09	24
			1	243	22.83	22.52	22.54	24
			120	60	23.09	22.90	22.77	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.85	22.60	22.53
	1			244	22.25	21.92	21.89	23
	2			0	22.53	22.26	22.16	23
	2			243	21.95	21.73	21.52	23
	240			0	23.15	22.93	22.80	24
	Inner		1	1	23.32	23.11	22.99	24
			1	243	22.72	22.42	22.39	24
			120	60	23.14	22.89	22.83	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.24	21.94	21.95
		1		244	21.57	21.38	21.19	23
		2		0	22.70	22.39	22.36	23
		2		243	22.02	21.79	21.68	23
		240		0	23.11	22.84	22.82	24
		Inner	1	1	23.28	23.00	22.84	24
			1	243	22.45	22.20	22.16	24
			120	60	23.21	23.01	22.81	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	21.93	21.73	21.59	23
			2	0	22.74	22.56	22.40	23
			2	271	22.00	21.80	21.71	23
			270	0	23.23	22.96	22.86	24
		Inner	1	1	23.67	23.43	23.37	24
			1	271	23.08	22.85	22.67	24
			135	67	23.13	22.88	22.78	24
		DFT-s-OFDM QPSK	Outer	1	0	22.69	22.42	22.34
	1			272	21.96	21.80	21.65	23
	2			0	22.76	22.48	22.42	23
	2			271	22.01	21.81	21.67	23
	270			0	23.18	23.00	22.84	24
	Inner		1	1	23.71	23.46	23.41	24
			1	271	23.04	22.89	22.76	24
			135	67	23.14	22.91	22.76	24
	DFT-s-OFDM 16QAM		Outer	1	0	22.74	22.59	22.46
		1		272	22.06	21.84	21.73	23
		2		0	22.72	22.44	22.39	23
		2		271	22.10	21.82	21.76	23
		270		0	23.13	22.93	22.79	24
		Inner	1	1	23.48	23.30	23.14	24
			1	271	22.85	22.60	22.55	24
			135	67	23.17	22.94	22.82	24
		DFT-s-OFDM 64QAM	Outer	1	0	22.88	22.66	22.55
	1			272	22.27	21.99	21.94	23
	2			0	22.59	22.34	22.18	23
	2			271	21.96	21.75	21.60	23
	270			0	23.22	23.01	22.86	24
	Inner		1	1	23.35	23.17	23.01	24
			1	271	22.74	22.49	22.44	24
			135	67	23.20	22.97	22.85	24
	DFT-s-OFDM 256QAM		Outer	1	0	22.26	22.02	21.96
		1		272	21.65	21.42	21.24	23
		2		0	22.72	22.47	22.37	23
		2		271	22.10	21.83	21.73	23
		270		0	23.14	22.90	22.84	24
		Inner	1	1	23.30	23.07	22.89	24
			1	271	22.51	22.28	22.18	24
			135	67	23.22	23.03	22.89	24



BUREAU
VERITAS

Test Report No.: W7L-P22020005RF03

N77C-LTE66

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	22.48	22.25	22.27	23
			1	50	21.84	21.63	21.59	23
			2	0	22.69	22.57	22.42	23
			2	49	21.87	21.67	21.63	23
			51	0	22.60	22.41	22.43	23
		Inner	1	1	23.78	23.59	23.43	24
			1	49	22.92	22.80	22.74	24
			25	12	23.13	22.97	22.83	24
		CP-OFDM 16QAM	Outer	1	0	22.72	22.51	22.51
	1			50	22.02	21.89	21.78	23
	2			0	22.61	22.39	22.40	23
	2			49	21.90	21.74	21.71	23
	51			0	22.62	22.42	22.45	23
	Inner		1	1	23.47	23.27	23.21	24
			1	49	22.71	22.52	22.54	24
			25	12	23.18	22.99	22.82	24
	CP-OFDM 64QAM		Outer	1	0	22.69	22.57	22.50
		1		50	22.13	21.91	21.89	23
		2		0	22.53	22.32	22.32	23
		2		49	21.79	21.62	21.54	23
		51		0	22.13	21.92	21.93	23
		Inner	1	1	22.72	22.63	22.51	23
			1	49	22.05	21.84	21.85	23
			25	12	22.14	22.05	21.93	23
		CP-OFDM 256QAM	Outer	1	0	19.49	19.26	19.29
	1			50	18.91	18.76	18.69	20
	2			0	19.46	19.24	19.29	20
	2			49	18.89	18.71	18.53	20
	51			0	19.14	18.98	18.83	20
	Inner		1	1	19.56	19.44	19.30	20
			1	49	18.88	18.76	18.69	20
			25	12	19.13	18.99	18.92	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	22.45	22.29	22.23	23
			1	77	21.78	21.63	21.65	23
			2	0	22.71	22.55	22.41	23
			2	76	21.81	21.73	21.63	23
			78	0	22.62	22.44	22.44	23
		Inner	1	1	23.73	23.59	23.46	24
			1	76	22.92	22.83	22.78	24
			39	19	23.07	22.96	22.82	24
		CP-OFDM 16QAM	Outer	1	0	22.72	22.51	22.50
	1			77	22.02	21.87	21.75	23
	2			0	22.57	22.45	22.35	23
	2			76	21.93	21.70	21.75	23
	78			0	22.61	22.43	22.42	23
	Inner		1	1	23.43	23.26	23.24	24
			1	76	22.76	22.58	22.48	24
			39	19	23.14	22.93	22.84	24
	CP-OFDM 64QAM		Outer	1	0	22.75	22.59	22.54
		1		77	22.11	21.90	21.86	23
		2		0	22.53	22.31	22.35	23
		2		76	21.80	21.62	21.55	23
		78		0	22.07	21.96	21.89	23
		Inner	1	1	22.77	22.61	22.54	23
			1	76	22.05	21.85	21.81	23
			39	19	22.14	22.08	21.96	23
		CP-OFDM 256QAM	Outer	1	0	19.48	19.27	19.23
	1			77	18.85	18.82	18.72	20
	2			0	19.47	19.27	19.27	20
	2			76	18.88	18.65	18.60	20
	78			0	19.14	18.98	18.83	20
	Inner		1	1	19.56	19.44	19.30	20
			1	76	18.88	18.76	18.69	20
			39	19	19.13	18.99	18.92	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	22.47	22.23	22.28	23
			1	105	21.82	21.62	21.63	23
			2	0	22.74	22.56	22.44	23
			2	104	21.84	21.73	21.62	23
			106	0	22.64	22.44	22.44	23
		Inner	1	1	23.72	23.59	23.43	24
			1	104	22.95	22.85	22.79	24
			53	26	23.14	22.92	22.84	24
	CP-OFDM 16QAM	Outer	1	0	22.69	22.57	22.48	23
			1	105	22.08	21.90	21.77	23
			2	0	22.55	22.46	22.39	23
			2	104	21.94	21.73	21.68	23
			106	0	22.59	22.46	22.44	23
		Inner	1	1	23.44	23.26	23.25	24
			1	104	22.74	22.56	22.50	24
			53	26	23.12	22.96	22.88	24
	CP-OFDM 64QAM	Outer	1	0	22.68	22.63	22.50	23
			1	105	22.14	21.89	21.90	23
			2	0	22.47	22.33	22.30	23
			2	104	21.84	21.66	21.54	23
			106	0	22.07	21.99	21.92	23
		Inner	1	1	22.78	22.61	22.48	23
			1	104	22.06	21.90	21.78	23
			53	26	22.17	22.01	21.94	23
	CP-OFDM 256QAM	Outer	1	0	19.51	19.30	19.23	20
			1	105	18.88	18.75	18.70	20
			2	0	19.50	19.29	19.25	20
			2	104	18.85	18.71	18.54	20
			106	0	19.08	18.97	18.89	20
		Inner	1	1	19.54	19.40	19.31	20
			1	104	18.83	18.72	18.71	20
			53	26	19.11	19.02	18.87	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	22.46	22.24	22.24	23
			1	132	21.83	21.60	21.65	23
			2	0	22.70	22.52	22.45	23
			2	131	21.85	21.69	21.63	23
			133	0	22.58	22.48	22.40	23
		Inner	1	1	23.75	23.56	23.50	24
			1	131	22.93	22.86	22.75	24
			67	33	23.08	22.93	22.85	24
		CP-OFDM 16QAM	Outer	1	0	22.66	22.57	22.47
	1			132	22.08	21.85	21.81	23
	2			0	22.55	22.41	22.33	23
	2			131	21.92	21.76	21.70	23
	133			0	22.58	22.43	22.45	23
	Inner		1	1	23.47	23.29	23.22	24
			1	131	22.72	22.58	22.48	24
			67	33	23.17	22.96	22.86	24
	CP-OFDM 64QAM		Outer	1	0	22.68	22.63	22.50
		1		132	22.10	21.89	21.84	23
		2		0	22.53	22.33	22.29	23
		2		131	21.80	21.68	21.54	23
		133		0	22.13	21.95	21.86	23
		Inner	1	1	22.74	22.60	22.50	23
			1	131	22.05	21.87	21.79	23
			67	33	22.14	22.07	21.92	23
		CP-OFDM 256QAM	Outer	1	0	19.50	19.31	19.24
	1			132	18.85	18.78	18.66	20
	2			0	19.49	19.31	19.23	20
	2			131	18.85	18.66	18.56	20
	133			0	19.13	18.94	18.89	20
	Inner		1	1	19.55	19.39	19.35	20
			1	131	18.89	18.75	18.65	20
			67	33	19.12	18.96	18.87	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	22.45	22.29	22.23	23
			1	161	21.78	21.63	21.65	23
			2	0	22.71	22.55	22.41	23
			2	160	21.81	21.73	21.63	23
		162	0	22.62	22.44	22.44	23	
		Inner	1	1	23.73	23.59	23.46	24
			1	160	22.92	22.83	22.78	24
			81	40	23.07	22.96	22.82	24
	CP-OFDM 16QAM	Outer	1	0	22.72	22.51	22.50	23
			1	161	22.02	21.87	21.75	23
			2	0	22.57	22.45	22.35	23
			2	160	21.93	21.70	21.75	23
		162	0	22.61	22.43	22.42	23	
		Inner	1	1	23.43	23.26	23.24	24
			1	160	22.76	22.58	22.48	24
			81	40	23.14	22.93	22.84	24
	CP-OFDM 64QAM	Outer	1	0	22.75	22.59	22.54	23
			1	161	22.11	21.90	21.86	23
			2	0	22.53	22.31	22.35	23
			2	160	21.80	21.62	21.55	23
		162	0	22.07	21.96	21.89	23	
		Inner	1	1	22.77	22.61	22.54	23
			1	160	22.05	21.85	21.81	23
			81	40	22.14	22.08	21.96	23
	CP-OFDM 256QAM	Outer	1	0	19.48	19.27	19.23	20
			1	161	18.85	18.82	18.72	20
			2	0	19.47	19.27	19.27	20
			2	160	18.88	18.65	18.60	20
		162	0	19.14	18.98	18.83	20	
		Inner	1	1	19.56	19.44	19.30	20
			1	160	18.88	18.76	18.69	20
			81	40	19.13	18.99	18.92	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	22.48	22.25	22.27	23
			1	188	21.84	21.63	21.59	23
			2	0	22.69	22.57	22.42	23
			2	187	21.87	21.67	21.63	23
			189	0	22.60	22.41	22.43	23
		Inner	1	1	23.78	23.59	23.43	24
			1	187	22.92	22.80	22.74	24
			95	47	23.13	22.97	22.83	24
		CP-OFDM 16QAM	Outer	1	0	22.72	22.51	22.51
	1			188	22.02	21.89	21.78	23
	2			0	22.61	22.39	22.40	23
	2			187	21.90	21.74	21.71	23
	189			0	22.62	22.42	22.45	23
	Inner		1	1	23.47	23.27	23.21	24
			1	187	22.71	22.52	22.54	24
			95	47	23.18	22.99	22.82	24
	CP-OFDM 64QAM		Outer	1	0	22.69	22.57	22.50
		1		188	22.13	21.91	21.89	23
		2		0	22.53	22.32	22.32	23
		2		187	21.79	21.62	21.54	23
		189		0	22.13	21.99	21.90	23
		Inner	1	1	22.74	22.62	22.55	23
			1	187	22.06	21.90	21.81	23
			95	47	22.14	22.02	21.96	23
		CP-OFDM 256QAM	Outer	1	0	19.51	19.28	19.28
	1			188	18.90	18.82	18.68	20
	2			0	19.45	19.24	19.25	20
	2			187	18.87	18.67	18.59	20
	189			0	19.13	18.95	18.86	20
	Inner		1	1	19.54	19.39	19.34	20
			1	187	18.88	18.69	18.72	20
			95	47	19.11	19.00	18.88	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	22.46	22.24	22.24	23
			1	216	21.83	21.60	21.65	23
			2	0	22.70	22.52	22.45	23
			2	215	21.85	21.69	21.63	23
			217	0	22.58	22.48	22.40	23
		Inner	1	1	23.75	23.56	23.50	24
			1	215	22.93	22.86	22.75	24
			109	54	23.08	22.93	22.85	24
	CP-OFDM 16QAM	Outer	1	0	22.66	22.57	22.47	23
			1	216	22.08	21.85	21.81	23
			2	0	22.55	22.41	22.33	23
			2	215	21.92	21.76	21.70	23
			217	0	22.58	22.43	22.45	23
		Inner	1	1	23.43	23.27	23.21	24
			1	215	22.70	22.55	22.54	24
			109	54	23.11	22.99	22.84	24
	CP-OFDM 64QAM	Outer	1	0	22.68	22.64	22.54	23
			1	216	22.12	21.92	21.83	23
			2	0	22.47	22.38	22.35	23
			2	215	21.81	21.65	21.48	23
			217	0	22.09	21.98	21.91	23
		Inner	1	1	22.74	22.60	22.51	23
			1	215	22.00	21.87	21.84	23
			109	54	22.14	22.07	21.92	23
	CP-OFDM 256QAM	Outer	1	0	19.44	19.31	19.29	20
			1	216	18.89	18.78	18.66	20
			2	0	19.44	19.31	19.29	20
			2	215	18.85	18.68	18.57	20
			217	0	19.13	18.94	18.90	20
		Inner	1	1	19.52	19.43	19.31	20
			1	215	18.87	18.71	18.71	20
			109	54	19.17	18.97	18.88	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	22.50	22.27	22.21	23
			1	244	21.81	21.65	21.61	23
			2	0	22.73	22.59	22.42	23
			2	243	21.83	21.69	21.67	23
			245	0	22.65	22.47	22.40	23
		Inner	1	1	23.71	23.54	23.49	24
			1	243	22.98	22.84	22.77	24
			123	61	23.12	22.97	22.81	24
		CP-OFDM 16QAM	Outer	1	0	22.70	22.54	22.50
	1			244	22.04	21.91	21.80	23
	2			0	22.61	22.39	22.40	23
	2			243	21.90	21.74	21.71	23
	245			0	22.62	22.42	22.45	23
	Inner		1	1	23.48	23.29	23.18	24
			1	243	22.71	22.57	22.52	24
			123	61	23.17	22.94	22.85	24
	CP-OFDM 64QAM		Outer	1	0	22.70	22.57	22.54
		1		244	22.15	21.95	21.83	23
		2		0	22.48	22.31	22.31	23
		2		243	21.83	21.69	21.52	23
		245		0	22.13	21.92	21.93	23
		Inner	1	1	22.72	22.63	22.51	23
			1	243	22.05	21.84	21.85	23
			123	61	22.14	22.05	21.93	23
		CP-OFDM 256QAM	Outer	1	0	19.49	19.26	19.29
	1			244	18.91	18.76	18.69	20
	2			0	19.46	19.24	19.29	20
	2			243	18.89	18.71	18.53	20
	245			0	19.08	18.94	18.85	20
	Inner		1	1	19.57	19.41	19.34	20
			1	243	18.88	18.70	18.68	20
			123	61	19.13	18.96	18.91	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	22.51	22.31	22.29	23
			1	272	21.85	21.68	21.67	23
			2	0	22.75	22.60	22.46	23
			2	271	21.89	21.74	21.68	23
			273	0	22.66	22.49	22.45	23
		Inner	1	1	23.79	23.61	23.51	24
			1	271	22.99	22.88	22.80	24
	137		68	23.15	22.98	22.87	24	
	CP-OFDM 16QAM	Outer	1	0	22.74	22.59	22.52	23
			1	272	22.10	21.93	21.83	23
			2	0	22.63	22.47	22.41	23
			2	271	21.98	21.78	21.76	23
			273	0	22.65	22.48	22.47	23
		Inner	1	1	23.49	23.34	23.26	24
			1	271	22.77	22.60	22.56	24
	137		68	23.19	23.01	22.90	24	
	CP-OFDM 64QAM	Outer	1	0	22.76	22.65	22.56	23
			1	272	22.16	21.97	21.91	23
			2	0	22.55	22.39	22.37	23
			2	271	21.85	21.70	21.56	23
			273	0	22.15	22.00	21.94	23
		Inner	1	1	22.80	22.67	22.56	23
			1	271	22.07	21.92	21.86	23
	137		68	22.22	22.09	21.98	23	
	CP-OFDM 256QAM	Outer	1	0	19.52	19.32	19.31	20
			1	272	18.93	18.83	18.74	20
			2	0	19.52	19.32	19.31	20
			2	271	18.90	18.73	18.61	20
			273	0	19.15	19.02	18.91	20
		Inner	1	1	19.60	19.47	19.36	20
			1	271	18.90	18.77	18.73	20
	137		68	19.19	19.04	18.93	20	