

BW	MCS Index	RB	RB Size	RB Offset	Low CH 343500	Mid CH 349000	High CH 354500	Max. Tune-up (dBm)
					Frequency 1717.5MHz	Frequency 1745MHz	Frequency 1772.5MHz	
15M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	22.68	22.59	22.73	24
			1	78	22.56	22.41	22.66	24
			2	0	22.78	22.63	22.86	24
			2	77	22.66	22.61	22.73	24
			75	0	22.71	22.66	22.82	24
		Inner	1	1	23.33	23.30	23.46	24
			1	77	23.08	23.03	23.19	24
			36	18	23.22	23.14	23.31	24
		DFT-s-OFDM QPSK	Outer	1	0	23.17	23.06	23.25
	1			78	23.14	22.99	23.19	24
	2			0	23.14	23.09	23.19	24
	2			77	23.14	23.04	23.23	24
	75			0	22.27	22.17	22.36	24
	Inner		1	1	23.23	23.07	23.30	24
			1	77	23.23	23.14	23.18	24
			36	18	23.29	23.12	23.31	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.20	21.10	21.26
		1		78	21.16	21.01	21.20	22
		2		0	21.15	20.94	21.14	22
		2		77	20.94	20.83	21.06	22
		75		0	21.20	21.10	21.22	22
		Inner	1	1	22.43	22.28	22.49	23
			1	77	22.41	22.22	22.38	23
			36	18	22.13	22.15	22.26	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.89	20.78	20.85
	1			78	20.73	20.72	20.84	22
	2			0	20.66	20.57	20.67	22
	2			77	20.61	20.42	20.67	22
	75			0	20.77	20.57	20.75	22
	Inner		1	1	20.90	20.77	20.97	22
			1	77	20.89	20.78	20.85	22
			36	18	20.63	20.52	20.74	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.36	20.21	20.38
		1		78	20.27	20.12	20.35	22
		2		0	20.89	20.73	20.96	22
		2		77	20.85	20.70	20.88	22
75		0		20.66	20.58	20.76	22	
Inner		1	1	20.41	20.29	20.46	22	
		1	77	20.31	20.15	20.41	22	
		36	18	20.73	20.57	20.64	22	

BW	MCS Index	RB	RB Size	RB Offset	Low CH 344000	Mid CH 349000	High CH 354000	Max. Tune-up (dBm)
					Frequency 1720MHz	Frequency 1745MHz	Frequency 1770MHz	
20M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	22.69	22.54	22.74	24
			1	105	22.61	22.38	22.66	24
			2	0	22.77	22.60	22.90	24
			2	104	22.70	22.57	22.73	24
			100	0	22.67	22.70	22.78	24
		Inner	1	1	23.34	23.27	23.49	24
			1	104	23.09	23.06	23.16	24
			50	25	23.24	23.11	23.35	24
		DFT-s-OFDM QPSK	Outer	1	0	23.11	23.12	23.22
	1			105	23.20	22.97	23.25	24
	2			0	23.12	23.05	23.17	24
	2			104	23.13	23.10	23.18	24
	100			0	22.24	22.17	22.39	24
	Inner		1	1	23.23	23.08	23.27	24
			1	104	23.17	23.11	23.24	24
			50	25	23.26	23.18	23.31	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.13	21.15	21.26
		1		105	21.17	21.03	21.17	22
		2		0	21.09	21.01	21.14	22
		2		104	20.95	20.86	20.99	22
		100		0	21.22	21.12	21.24	22
		Inner	1	1	22.40	22.27	22.46	23
			1	104	22.36	22.24	22.41	23
			50	25	22.13	22.14	22.22	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.85	20.82	20.91
	1			105	20.77	20.68	20.78	22
	2			0	20.63	20.61	20.69	22
	2			104	20.58	20.45	20.64	22
	100			0	20.76	20.53	20.82	22
	Inner		1	1	20.86	20.76	20.98	22
			1	104	20.88	20.73	20.87	22
			50	25	20.67	20.50	20.70	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.31	20.15	20.41
		1		105	20.34	20.17	20.29	22
		2		0	20.85	20.69	20.93	22
		2		104	20.87	20.65	20.92	22
100		0		20.65	20.61	20.71	22	
Inner		1	1	20.45	20.23	20.48	22	
		1	104	20.26	20.17	20.38	22	
		50	25	20.72	20.54	20.71	22	



**BUREAU
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Test Report No.: W7L-P20210616-3RF06

BW	MCS Index	RB	RB Size	RB Offset	Low CH 345000	Mid CH 349000	High CH 353000	Max. Tune-up (dBm)
					Frequency 1725MHz	Frequency 1745MHz	Frequency 1765MHz	
30M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	22.73	22.57	22.71	24
			1	159	22.59	22.43	22.62	24
			2	0	22.80	22.67	22.87	24
			2	158	22.68	22.57	22.77	24
			160	0	22.74	22.69	22.78	24
		Inner	1	1	23.38	23.31	23.45	24
			1	158	23.14	23.04	23.18	24
			80	40	23.20	23.09	23.34	24
		DFT-s-OFDM QPSK	Outer	1	0	23.15	23.09	23.25
	1			159	23.16	23.03	23.24	24
	2			0	23.18	23.03	23.24	24
	2			158	23.11	23.08	23.19	24
	160			0	22.28	22.16	22.39	24
	Inner		1	1	23.28	23.10	23.24	24
			1	158	23.18	23.13	23.22	24
			80	40	23.32	23.13	23.32	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.15	21.08	21.26
		1		159	21.20	21.06	21.17	22
		2		0	21.10	20.94	21.10	22
		2		158	20.97	20.90	21.03	22
		160		0	21.26	21.06	21.26	22
		Inner	1	1	22.38	22.30	22.46	23
			1	158	22.41	22.21	22.42	23
			80	40	22.13	22.12	22.23	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.90	20.77	20.91
	1			159	20.79	20.66	20.81	22
	2			0	20.65	20.54	20.69	22
	2			158	20.62	20.48	20.60	22
	160			0	20.71	20.53	20.77	22
	Inner		1	1	20.91	20.74	21.01	22
			1	158	20.89	20.72	20.84	22
			80	40	20.63	20.49	20.73	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.35	20.15	20.42
		1		159	20.27	20.15	20.32	22
		2		0	20.88	20.69	20.98	22
		2		158	20.80	20.67	20.89	22
160		0		20.67	20.57	20.76	22	
Inner		1	1	20.45	20.24	20.44	22	
		1	158	20.28	20.13	20.41	22	
		80	40	20.73	20.60	20.64	22	



**BUREAU
VERITAS**

Test Report No.: W7L-P20210616-3RF06

BW	MCS Index	RB	RB Size	RB Offset	Low CH 346000	Mid CH 349000	High CH 352000	Max. Tune-up (dBm)
					Frequency 1730MHz	Frequency 1745MHz	Frequency 1760MHz	
40M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	22.74	22.61	22.79	24
			1	215	22.63	22.46	22.68	24
			2	0	22.82	22.68	22.91	24
			2	214	22.74	22.62	22.78	24
			216	0	22.75	22.71	22.83	24
		Inner	1	1	23.41	23.32	23.51	24
			1	214	23.15	23.08	23.21	24
			108	54	23.28	23.16	23.36	24
		DFT-s-OFDM QPSK	Outer	1	0	23.19	23.14	23.27
	1			215	23.22	23.05	23.27	24
	2			0	23.20	23.11	23.25	24
	2			214	23.19	23.12	23.24	24
	216			0	22.31	22.22	22.41	24
	Inner		1	1	23.29	23.15	23.32	24
			1	214	23.24	23.16	23.26	24
			108	54	23.34	23.20	23.37	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.21	21.16	21.28
		1		215	21.21	21.08	21.25	22
		2		0	21.17	21.02	21.16	22
		2		214	20.99	20.91	21.07	22
		216		0	21.28	21.14	21.27	22
		Inner	1	1	22.46	22.34	22.51	23
			1	214	22.43	22.29	22.43	23
			108	54	22.21	22.16	22.28	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.93	20.83	20.93
	1			215	20.81	20.73	20.86	22
	2			0	20.71	20.62	20.71	22
	2			214	20.63	20.50	20.68	22
	216			0	20.78	20.61	20.83	22
	Inner		1	1	20.94	20.80	21.03	22
			1	214	20.91	20.79	20.89	22
			108	54	20.69	20.57	20.75	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.37	20.23	20.43
		1		215	20.35	20.19	20.37	22
		2		0	20.90	20.77	20.99	22
		2		214	20.88	20.71	20.94	22
216		0		20.70	20.63	20.78	22	
Inner		1	1	20.47	20.31	20.49	22	
		1	214	20.34	20.21	20.43	22	
		108	54	20.74	20.62	20.72	22	



**BUREAU
VERITAS**

Test Report No.: W7L-P20210616-3RF06

N66-LTE13

BW	MCS Index	RB	RB Size	RB Offset	Low CH 342500	Mid CH 349000	High CH 355500	Max. Tune-up (dBm)
					Frequency 1712.5MHz	Frequency 1745MHz	Frequency 1777.5MHz	
5M	CP-OFDM QPSK	Outer	1	0	19.98	19.99	20.19	21
			1	24	19.99	20.00	20.08	21
			2	0	20.31	20.39	20.49	21
			2	23	20.19	20.26	20.32	21
			25	0	20.15	20.18	20.37	21
		Inner	1	1	22.53	22.65	22.62	24
			1	23	22.53	22.61	22.74	24
			13	6	22.57	22.61	22.70	24
		CP-OFDM 16QAM	Outer	1	0	20.26	20.31	20.45
	1			24	20.25	20.36	20.41	21
	2			0	19.87	19.96	20.11	21
	2			23	19.80	19.91	19.96	21
	25			0	20.13	20.22	20.34	21
	Inner		1	1	21.23	21.23	21.41	23
			1	23	21.20	21.25	21.38	23
			13	6	21.10	21.19	21.25	23
	CP-OFDM 64QAM		Outer	1	0	19.60	19.73	19.80
		1		24	19.72	19.71	19.91	21
		2		0	19.62	19.67	19.77	21
		2		23	19.67	19.70	19.87	21
		25		0	19.58	19.67	19.82	21
		Inner	1	1	19.69	19.77	19.83	21
			1	23	19.64	19.65	19.75	21
			13	6	19.56	19.65	19.77	21
		CP-OFDM 256QAM	Outer	1	0	16.28	16.32	16.39
	1			24	16.29	16.29	16.44	18
	2			0	16.48	16.53	16.65	18
	2			23	16.46	16.56	16.54	18
	25			0	16.62	16.69	16.77	18
	Inner		1	1	16.28	16.36	16.44	18
			1	23	16.27	16.38	16.47	18
			13	6	16.54	16.69	16.78	18



Test Report No.: W7L-P20210616-3RF06

BW	MCS Index	RB	RB Size	RB Offset	Low CH 343000	Mid CH 349000	High CH 355000	Max. Tune-up (dBm)
					Frequency 1715MHz	Frequency 1745MHz	Frequency 1775MHz	
10M	CP-OFDM QPSK	Outer	1	0	20.00	20.03	20.13	21
			1	51	19.95	19.97	20.10	21
			2	0	20.36	20.36	20.51	21
			2	50	20.16	20.26	20.32	21
			52	0	20.19	20.18	20.37	21
		Inner	1	1	22.49	22.59	22.69	24
			1	50	22.52	22.65	22.75	24
			26	13	22.56	22.56	22.72	24
		CP-OFDM 16QAM	Outer	1	0	20.26	20.32	20.41
	1			51	20.25	20.39	20.44	21
	2			0	19.85	19.99	20.04	21
	2			50	19.80	19.94	19.99	21
	52			0	20.11	20.23	20.32	21
	Inner		1	1	21.23	21.22	21.45	23
			1	50	21.25	21.29	21.32	23
			26	13	21.07	21.18	21.27	23
	CP-OFDM 64QAM		Outer	1	0	19.65	19.80	19.82
		1		51	19.69	19.72	19.92	21
		2		0	19.63	19.72	19.77	21
		2		50	19.65	19.71	19.87	21
		52		0	19.59	19.71	19.80	21
		Inner	1	1	19.70	19.76	19.86	21
			1	50	19.62	19.68	19.71	21
			26	13	19.56	19.68	19.77	21
		CP-OFDM 256QAM	Outer	1	0	16.27	16.33	16.40
	1			51	16.25	16.34	16.44	18
	2			0	16.47	16.56	16.65	18
	2			50	16.39	16.56	16.57	18
	52			0	16.61	16.65	16.83	18
	Inner		1	1	16.24	16.33	16.42	18
			1	50	16.23	16.37	16.45	18
			26	13	16.55	16.66	16.78	18



Test Report No.: W7L-P20210616-3RF06

BW	MCS Index	RB	RB Size	RB Offset	Low CH 343500	Mid CH 349000	High CH 354500	Max. Tune-up (dBm)
					Frequency 1717.5MHz	Frequency 1745MHz	Frequency 1772.5MHz	
15M	CP-OFDM QPSK	Outer	1	0	19.95	20.03	20.15	21
			1	78	19.93	20.00	20.14	21
			2	0	20.33	20.37	20.48	21
			2	77	20.13	20.32	20.32	21
			79	0	20.17	20.21	20.38	21
		Inner	1	1	22.48	22.65	22.65	24
			1	77	22.53	22.64	22.78	24
			39	19	22.51	22.60	22.69	24
		CP-OFDM 16QAM	Outer	1	0	20.26	20.31	20.44
	1			78	20.25	20.34	20.38	21
	2			0	19.83	20.02	20.06	21
	2			77	19.83	19.87	20.00	21
	79			0	20.12	20.23	20.31	21
	Inner		1	1	21.19	21.22	21.44	23
			1	77	21.25	21.31	21.32	23
			39	19	21.06	21.13	21.27	23
	CP-OFDM 64QAM		Outer	1	0	19.66	19.75	19.84
		1		78	19.70	19.70	19.88	21
		2		0	19.62	19.66	19.80	21
		2		77	19.68	19.70	19.88	21
		79		0	19.52	19.71	19.78	21
		Inner	1	1	19.74	19.75	19.86	21
			1	77	19.64	19.66	19.71	21
			39	19	19.56	19.68	19.80	21
		CP-OFDM 256QAM	Outer	1	0	16.27	16.33	16.33
	1			78	16.23	16.35	16.47	18
	2			0	16.49	16.56	16.63	18
	2			77	16.45	16.50	16.61	18
	79			0	16.62	16.69	16.77	18
	Inner		1	1	16.28	16.36	16.44	18
			1	77	16.27	16.38	16.47	18
			39	19	16.54	16.69	16.78	18



Test Report No.: W7L-P20210616-3RF06

BW	MCS Index	RB	RB Size	RB Offset	Low CH 344000	Mid CH 349000	High CH 354000	Max. Tune-up (dBm)
					Frequency 1720MHz	Frequency 1745MHz	Frequency 1770MHz	
20M	CP-OFDM QPSK	Outer	1	0	19.96	19.98	20.16	21
			1	105	19.98	19.97	20.14	21
			2	0	20.32	20.34	20.52	21
			2	104	20.17	20.28	20.32	21
			106	0	20.13	20.25	20.34	21
		Inner	1	1	22.50	22.62	22.69	24
			1	104	22.54	22.67	22.75	24
			53	26	22.52	22.57	22.72	24
		CP-OFDM 16QAM	Outer	1	0	20.20	20.37	20.41
	1			105	20.31	20.32	20.44	21
	2			0	19.81	19.98	20.04	21
	2			104	19.82	19.93	19.95	21
	106			0	20.09	20.23	20.34	21
	Inner		1	1	21.19	21.23	21.41	23
			1	104	21.19	21.28	21.38	23
			53	26	21.03	21.19	21.27	23
	CP-OFDM 64QAM		Outer	1	0	19.59	19.80	19.84
		1		105	19.71	19.72	19.85	21
		2		0	19.56	19.73	19.80	21
		2		104	19.69	19.73	19.81	21
		106		0	19.54	19.73	19.80	21
		Inner	1	1	19.71	19.74	19.83	21
			1	104	19.59	19.68	19.74	21
			53	26	19.56	19.67	19.76	21
		CP-OFDM 256QAM	Outer	1	0	16.23	16.37	16.39
	1			105	16.27	16.31	16.41	18
	2			0	16.46	16.60	16.65	18
	2			104	16.42	16.53	16.58	18
	106			0	16.61	16.65	16.84	18
	Inner		1	1	16.24	16.35	16.45	18
			1	104	16.26	16.33	16.49	18
			53	26	16.58	16.67	16.74	18

BW	MCS Index	RB	RB Size	RB Offset	Low CH 345000	Mid CH 349000	High CH 353000	Max. Tune-up (dBm)
					Frequency 1725MHz	Frequency 1745MHz	Frequency 1765MHz	
30M	CP-OFDM QPSK	Outer	1	0	20.00	20.01	20.13	21
			1	159	19.96	20.02	20.10	21
			2	0	20.35	20.41	20.49	21
			2	158	20.15	20.28	20.36	21
			160	0	20.20	20.24	20.34	21
		Inner	1	1	22.46	22.60	22.68	24
			1	158	22.59	22.65	22.77	24
			80	40	22.56	22.61	22.68	24
		CP-OFDM 16QAM	Outer	1	0	20.24	20.34	20.44
	1			159	20.27	20.38	20.43	21
	2			0	19.87	19.96	20.11	21
	2			158	19.80	19.91	19.96	21
	160			0	20.13	20.22	20.34	21
	Inner		1	1	21.24	21.25	21.38	23
			1	158	21.20	21.30	21.36	23
			80	40	21.09	21.14	21.28	23
	CP-OFDM 64QAM		Outer	1	0	19.61	19.73	19.84
		1		159	19.74	19.75	19.85	21
		2		0	19.57	19.66	19.76	21
		2		158	19.71	19.77	19.85	21
		160		0	19.58	19.67	19.82	21
		Inner	1	1	19.69	19.77	19.83	21
			1	158	19.64	19.65	19.75	21
			80	40	19.56	19.65	19.77	21
		CP-OFDM 256QAM	Outer	1	0	16.28	16.32	16.39
	1			159	16.29	16.29	16.44	18
	2			0	16.48	16.53	16.65	18
	2			158	16.46	16.56	16.54	18
	160			0	16.56	16.65	16.79	18
	Inner		1	1	16.29	16.33	16.48	18
			1	158	16.27	16.32	16.46	18
			80	40	16.54	16.66	16.77	18

BW	MCS Index	RB	RB Size	RB Offset	Low CH 346000	Mid CH 349000	High CH 352000	Max. Tune-up (dBm)
					Frequency 1730MHz	Frequency 1745MHz	Frequency 1760MHz	
40M	CP-OFDM QPSK	Outer	1	0	20.01	20.05	20.21	21
			1	215	20.00	20.05	20.16	21
			2	0	20.37	20.42	20.53	21
			2	214	20.21	20.33	20.37	21
			216	0	20.21	20.26	20.39	21
		Inner	1	1	22.54	22.67	22.70	24
			1	214	22.60	22.69	22.80	24
			108	54	22.59	22.62	22.74	24
		CP-OFDM 16QAM	Outer	1	0	20.28	20.39	20.46
	1			215	20.33	20.40	20.46	21
	2			0	19.89	20.04	20.12	21
	2			214	19.88	19.95	20.01	21
	216			0	20.16	20.28	20.36	21
	Inner		1	1	21.25	21.30	21.46	23
			1	214	21.26	21.33	21.40	23
			108	54	21.11	21.21	21.33	23
	CP-OFDM 64QAM		Outer	1	0	19.67	19.81	19.86
		1		215	19.75	19.77	19.93	21
		2		0	19.64	19.74	19.82	21
		2		214	19.73	19.78	19.89	21
		216		0	19.60	19.75	19.83	21
		Inner	1	1	19.77	19.81	19.88	21
			1	214	19.66	19.73	19.76	21
			108	54	19.64	19.69	19.82	21
		CP-OFDM 256QAM	Outer	1	0	16.31	16.38	16.41
	1			215	16.31	16.36	16.49	18
	2			0	16.54	16.61	16.67	18
	2			214	16.47	16.58	16.62	18
	216			0	16.63	16.73	16.85	18
	Inner		1	1	16.32	16.39	16.50	18
			1	214	16.29	16.39	16.51	18
			108	54	16.60	16.74	16.79	18

BW	MCS Index	RB	RB Size	RB Offset	Low CH 342500	Mid CH 349000	High CH 355500	Max. Tune-up (dBm)
					Frequency 1712.5MHz	Frequency 1745MHz	Frequency 1777.5MHz	
5M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	22.72	22.54	22.81	24
			1	24	22.61	22.43	22.58	24
			2	0	22.80	22.69	22.86	24
			2	23	22.71	22.59	22.72	24
			25	0	22.75	22.59	22.85	24
		Inner	1	1	23.45	23.30	23.46	24
	1	23	23.10	22.99	23.19	24		
	12	6	23.24	23.17	23.21	24		
	DFT-s-OFDM QPSK	Outer	1	0	23.20	23.06	23.27	24
			1	24	23.14	23.06	23.18	24
			2	0	23.18	23.08	23.30	24
			2	23	23.13	23.05	23.17	24
			25	0	22.29	22.19	22.38	24
		Inner	1	1	23.24	23.05	23.30	24
	1	23	23.20	23.06	23.26	24		
	12	6	23.28	23.18	23.31	24		
	DFT-s-OFDM 16QAM	Outer	1	0	21.14	21.08	21.22	22
			1	24	21.22	21.02	21.29	22
			2	0	21.09	20.95	21.12	22
			2	23	20.97	20.81	21.05	22
			25	0	21.20	21.10	21.32	22
		Inner	1	1	22.42	22.31	22.44	23
	1	23	22.42	22.24	22.41	23		
	12	6	22.16	22.06	22.25	23		
	DFT-s-OFDM 64QAM	Outer	1	0	20.91	20.76	20.90	22
			1	24	20.82	20.63	20.85	22
			2	0	20.66	20.52	20.71	22
			2	23	20.62	20.53	20.58	22
			25	0	20.72	20.60	20.75	22
		Inner	1	1	20.89	20.78	20.93	22
	1	23	20.83	20.75	20.91	22		
	12	6	20.62	20.58	20.74	22		
	DFT-s-OFDM 256QAM	Outer	1	0	20.31	20.26	20.38	22
			1	24	20.25	20.14	20.32	22
			2	0	20.87	20.80	20.96	22
			2	23	20.83	20.73	20.81	22
25			0	20.70	20.57	20.80	22	
Inner		1	1	20.37	20.34	20.46	22	
1	23	20.31	20.16	20.42	22			
12	6	20.59	20.58	20.70	22			

BW	MCS Index	RB	RB Size	RB Offset	Low CH 343000	Mid CH 349000	High CH 355000	Max. Tune-up (dBm)
					Frequency 1715MHz	Frequency 1745MHz	Frequency 1775MHz	
10M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	22.74	22.58	22.75	24
			1	51	22.57	22.40	22.60	24
			2	0	22.85	22.66	22.88	24
			2	50	22.68	22.59	22.72	24
			50	0	22.79	22.59	22.85	24
		Inner	1	1	23.44	23.25	23.48	24
			1	50	23.09	23.03	23.20	24
			25	12	23.20	23.11	23.28	24
		DFT-s-OFDM QPSK	Outer	1	0	23.20	23.07	23.23
	1			51	23.14	23.09	23.21	24
	2			0	23.16	23.11	23.23	24
	2			50	23.13	23.08	23.20	24
	50			0	22.27	22.20	22.36	24
	Inner		1	1	23.24	23.04	23.34	24
			1	50	23.25	23.10	23.20	24
			25	12	23.25	23.17	23.33	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.19	21.15	21.24
		1		51	21.19	21.03	21.30	22
		2		0	21.10	21.00	21.12	22
		2		50	20.95	20.82	21.05	22
		50		0	21.21	21.14	21.30	22
		Inner	1	1	22.43	22.30	22.47	23
			1	50	22.40	22.27	22.37	23
			25	12	22.16	22.09	22.25	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.90	20.77	20.91
	1			51	20.78	20.68	20.85	22
	2			0	20.65	20.55	20.71	22
	2			50	20.55	20.53	20.61	22
	50			0	20.71	20.56	20.81	22
	Inner		1	1	20.85	20.75	20.91	22
			1	50	20.79	20.74	20.89	22
			25	12	20.63	20.55	20.74	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.28	20.23	20.38
		1		51	20.27	20.13	20.32	22
		2		0	20.87	20.82	20.91	22
		2		50	20.81	20.66	20.81	22
50		0		20.73	20.56	20.80	22	
Inner		1	1	20.38	20.29	20.44	22	
		1	50	20.31	20.16	20.41	22	
		25	12	20.62	20.54	20.74	22	

BW	MCS Index	RB	RB Size	RB Offset	Low CH 343500	Mid CH 349000	High CH 354500	Max. Tune-up (dBm)
					Frequency 1717.5MHz	Frequency 1745MHz	Frequency 1772.5MHz	
15M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	22.69	22.58	22.77	24
			1	78	22.55	22.43	22.64	24
			2	0	22.82	22.67	22.85	24
			2	77	22.65	22.65	22.72	24
			75	0	22.77	22.62	22.86	24
		Inner	1	1	23.39	23.29	23.45	24
			1	77	23.10	23.02	23.23	24
			36	18	23.19	23.17	23.24	24
		DFT-s-OFDM QPSK	Outer	1	0	23.20	23.06	23.26
	1			78	23.14	23.04	23.15	24
	2			0	23.14	23.14	23.25	24
	2			77	23.16	23.01	23.21	24
	75			0	22.28	22.20	22.35	24
	Inner		1	1	23.20	23.04	23.33	24
			1	77	23.25	23.12	23.20	24
			36	18	23.24	23.12	23.33	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.20	21.10	21.26
		1		78	21.20	21.01	21.26	22
		2		0	21.09	20.94	21.15	22
		2		77	20.98	20.81	21.06	22
		75		0	21.14	21.14	21.28	22
		Inner	1	1	22.47	22.29	22.47	23
			1	77	22.42	22.25	22.37	23
			36	18	22.16	22.09	22.28	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.90	20.77	20.84
	1			78	20.76	20.69	20.88	22
	2			0	20.67	20.55	20.69	22
	2			77	20.61	20.47	20.65	22
	75			0	20.72	20.60	20.75	22
	Inner		1	1	20.89	20.78	20.93	22
			1	77	20.83	20.75	20.91	22
			36	18	20.62	20.58	20.74	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.31	20.26	20.38
		1		78	20.25	20.14	20.32	22
		2		0	20.87	20.80	20.96	22
		2		77	20.83	20.73	20.81	22
75		0		20.70	20.57	20.80	22	
Inner		1	1	20.37	20.34	20.46	22	
		1	77	20.30	20.18	20.41	22	
		36	18	20.66	20.57	20.67	22	

BW	MCS Index	RB	RB Size	RB Offset	Low CH 344000	Mid CH 349000	High CH 354000	Max. Tune-up (dBm)
					Frequency 1720MHz	Frequency 1745MHz	Frequency 1770MHz	
20M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	22.70	22.53	22.78	24
			1	105	22.60	22.40	22.64	24
			2	0	22.81	22.64	22.89	24
			2	104	22.69	22.61	22.72	24
			100	0	22.73	22.66	22.82	24
		Inner	1	1	23.40	23.26	23.48	24
			1	104	23.11	23.05	23.20	24
			50	25	23.21	23.14	23.28	24
		DFT-s-OFDM QPSK	Outer	1	0	23.14	23.12	23.23
	1			105	23.20	23.02	23.21	24
	2			0	23.12	23.10	23.23	24
	2			104	23.15	23.07	23.16	24
	100			0	22.25	22.20	22.38	24
	Inner		1	1	23.20	23.05	23.30	24
			1	104	23.19	23.09	23.26	24
			50	25	23.21	23.18	23.33	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.13	21.15	21.26
		1		105	21.21	21.03	21.23	22
		2		0	21.03	21.01	21.15	22
		2		104	20.99	20.84	20.99	22
		100		0	21.16	21.16	21.30	22
		Inner	1	1	22.44	22.28	22.44	23
			1	104	22.37	22.27	22.40	23
			50	25	22.16	22.08	22.24	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.86	20.81	20.90
	1			105	20.80	20.65	20.82	22
	2			0	20.64	20.59	20.71	22
	2			104	20.58	20.50	20.62	22
	100			0	20.71	20.56	20.82	22
	Inner		1	1	20.85	20.77	20.94	22
			1	104	20.82	20.70	20.93	22
			50	25	20.66	20.56	20.70	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.26	20.20	20.41
		1		105	20.32	20.19	20.26	22
		2		0	20.83	20.76	20.93	22
		2		104	20.85	20.68	20.85	22
100		0		20.69	20.60	20.75	22	
Inner		1	1	20.41	20.28	20.48	22	
		1	104	20.25	20.20	20.38	22	
		50	25	20.65	20.54	20.74	22	



**BUREAU
VERITAS**

Test Report No.: W7L-P20210616-3RF06

BW	MCS Index	RB	RB Size	RB Offset	Low CH 345000	Mid CH 349000	High CH 353000	Max. Tune-up (dBm)
					Frequency 1725MHz	Frequency 1745MHz	Frequency 1765MHz	
30M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	22.74	22.56	22.75	24
			1	159	22.58	22.45	22.60	24
			2	0	22.84	22.71	22.86	24
			2	158	22.67	22.61	22.76	24
			160	0	22.80	22.65	22.82	24
		Inner	1	1	23.44	23.30	23.44	24
			1	158	23.16	23.03	23.22	24
			80	40	23.17	23.12	23.27	24
		DFT-s-OFDM QPSK	Outer	1	0	23.18	23.09	23.26
	1			159	23.16	23.08	23.20	24
	2			0	23.18	23.08	23.30	24
	2			158	23.13	23.05	23.17	24
	160			0	22.29	22.19	22.38	24
	Inner		1	1	23.25	23.07	23.27	24
			1	158	23.20	23.11	23.24	24
			80	40	23.27	23.13	23.34	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.15	21.08	21.26
		1		159	21.24	21.06	21.23	22
		2		0	21.04	20.94	21.11	22
		2		158	21.01	20.88	21.03	22
		160		0	21.20	21.10	21.32	22
		Inner	1	1	22.42	22.31	22.44	23
			1	158	22.42	22.24	22.41	23
			80	40	22.16	22.06	22.25	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.91	20.76	20.90
	1			159	20.82	20.63	20.85	22
	2			0	20.66	20.52	20.71	22
	2			158	20.62	20.53	20.58	22
	160			0	20.66	20.56	20.77	22
	Inner		1	1	20.90	20.75	20.97	22
			1	158	20.83	20.69	20.90	22
			80	40	20.62	20.55	20.73	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.30	20.20	20.42
		1		159	20.25	20.17	20.29	22
		2		0	20.86	20.76	20.98	22
		2		158	20.78	20.70	20.82	22
160		0		20.71	20.56	20.80	22	
Inner		1	1	20.41	20.29	20.44	22	
		1	158	20.27	20.16	20.41	22	
		80	40	20.66	20.60	20.67	22	



**BUREAU
VERITAS**

Test Report No.: W7L-P20210616-3RF06

BW	MCS Index	RB	RB Size	RB Offset	Low CH 346000	Mid CH 349000	High CH 352000	Max. Tune-up (dBm)
					Frequency 1730MHz	Frequency 1745MHz	Frequency 1760MHz	
40M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	22.75	22.60	22.83	24
			1	215	22.62	22.48	22.66	24
			2	0	22.86	22.72	22.90	24
			2	214	22.73	22.66	22.77	24
			216	0	22.81	22.67	22.87	24
		Inner	1	1	23.47	23.31	23.50	24
			1	214	23.17	23.07	23.25	24
			108	54	23.25	23.19	23.29	24
		DFT-s-OFDM QPSK	Outer	1	0	23.22	23.14	23.28
	1			215	23.22	23.10	23.23	24
	2			0	23.20	23.16	23.31	24
	2			214	23.21	23.09	23.22	24
	216			0	22.32	22.25	22.40	24
	Inner		1	1	23.26	23.12	23.35	24
			1	214	23.26	23.14	23.28	24
			108	54	23.29	23.20	23.39	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.21	21.16	21.28
		1		215	21.25	21.08	21.31	22
		2		0	21.11	21.02	21.17	22
		2		214	21.03	20.89	21.07	22
		216		0	21.22	21.18	21.33	22
		Inner	1	1	22.50	22.35	22.49	23
			1	214	22.44	22.32	22.42	23
			108	54	22.24	22.10	22.30	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.94	20.82	20.92
	1			215	20.84	20.70	20.90	22
	2			0	20.72	20.60	20.73	22
	2			214	20.63	20.55	20.66	22
	216			0	20.73	20.64	20.83	22
	Inner		1	1	20.93	20.81	20.99	22
			1	214	20.85	20.76	20.95	22
			108	54	20.68	20.63	20.75	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.32	20.28	20.43
		1		215	20.33	20.21	20.34	22
		2		0	20.88	20.84	20.99	22
		2		214	20.86	20.74	20.87	22
216		0		20.74	20.62	20.82	22	
Inner		1	1	20.43	20.36	20.49	22	
		1	214	20.33	20.24	20.43	22	
		108	54	20.67	20.62	20.75	22	



BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF06

N66-LTE14

BW	MCS Index	RB	RB Size	RB Offset	Low CH 342500	Mid CH 349000	High CH 355500	Max. Tune-up (dBm)
					Frequency 1712.5MHz	Frequency 1745MHz	Frequency 1777.5MHz	
5M	CP-OFDM QPSK	Outer	1	0	19.99	20.01	20.18	21
			1	24	20.01	20.01	20.04	21
			2	0	20.26	20.40	20.47	21
			2	23	20.22	20.20	20.33	21
			25	0	20.11	20.15	20.36	21
		Inner	1	1	22.59	22.65	22.62	24
			1	23	22.50	22.56	22.69	24
			13	6	22.56	22.66	22.69	24
		CP-OFDM 16QAM	Outer	1	0	20.29	20.25	20.48
	1			24	20.19	20.35	20.42	21
	2			0	19.93	19.89	20.12	21
	2			23	19.76	19.92	19.99	21
	25			0	20.16	20.18	20.35	21
	Inner		1	1	21.26	21.24	21.37	23
			1	23	21.17	21.21	21.42	23
			13	6	21.16	21.22	21.19	23
	CP-OFDM 64QAM		Outer	1	0	19.61	19.67	19.80
		1		24	19.71	19.73	19.90	21
		2		0	19.68	19.66	19.79	21
		2		23	19.62	19.66	19.87	21
		25		0	19.64	19.67	19.80	21
		Inner	1	1	19.65	19.78	19.90	21
			1	23	19.64	19.65	19.78	21
			13	6	19.53	19.66	19.79	21
		CP-OFDM 256QAM	Outer	1	0	16.28	16.30	16.44
	1			24	16.31	16.36	16.42	18
	2			0	16.43	16.48	16.65	18
	2			23	16.48	16.52	16.59	18
	25			0	16.67	16.67	16.74	18
	Inner		1	1	16.28	16.35	16.47	18
			1	23	16.32	16.35	16.48	18
			13	6	16.54	16.67	16.79	18

BW	MCS Index	RB	RB Size	RB Offset	Low CH 343000	Mid CH 349000	High CH 355000	Max. Tune-up (dBm)
					Frequency 1715MHz	Frequency 1745MHz	Frequency 1775MHz	
10M	CP-OFDM QPSK	Outer	1	0	20.01	20.05	20.12	21
			1	51	19.97	19.98	20.06	21
			2	0	20.31	20.37	20.49	21
			2	50	20.19	20.20	20.33	21
			52	0	20.15	20.15	20.36	21
		Inner	1	1	22.55	22.59	22.69	24
			1	50	22.49	22.60	22.70	24
			26	13	22.55	22.61	22.71	24
		CP-OFDM 16QAM	Outer	1	0	20.29	20.26	20.44
	1			51	20.19	20.38	20.45	21
	2			0	19.91	19.92	20.05	21
	2			50	19.76	19.95	20.02	21
	52			0	20.14	20.19	20.33	21
	Inner		1	1	21.26	21.23	21.41	23
			1	50	21.22	21.25	21.36	23
			26	13	21.13	21.21	21.21	23
	CP-OFDM 64QAM		Outer	1	0	19.66	19.74	19.82
		1		51	19.68	19.74	19.91	21
		2		0	19.69	19.71	19.79	21
		2		50	19.60	19.67	19.87	21
		52		0	19.65	19.71	19.78	21
		Inner	1	1	19.66	19.77	19.93	21
			1	50	19.62	19.68	19.74	21
			26	13	19.53	19.69	19.79	21
		CP-OFDM 256QAM	Outer	1	0	16.27	16.31	16.45
	1			51	16.27	16.41	16.42	18
	2			0	16.42	16.51	16.65	18
	2			50	16.41	16.52	16.62	18
	52			0	16.66	16.63	16.80	18
	Inner		1	1	16.24	16.32	16.45	18
			1	50	16.28	16.34	16.46	18
			26	13	16.55	16.64	16.79	18



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BW	MCS Index	RB	RB Size	RB Offset	Low CH 343500	Mid CH 349000	High CH 354500	Max. Tune-up (dBm)
					Frequency 1717.5MHz	Frequency 1745MHz	Frequency 1772.5MHz	
15M	CP-OFDM QPSK	Outer	1	0	19.96	20.05	20.14	21
			1	78	19.95	20.01	20.10	21
			2	0	20.28	20.38	20.46	21
			2	77	20.16	20.26	20.33	21
			79	0	20.13	20.18	20.37	21
		Inner	1	1	22.54	22.65	22.65	24
			1	77	22.50	22.59	22.73	24
			39	19	22.50	22.65	22.68	24
		CP-OFDM 16QAM	Outer	1	0	20.29	20.25	20.47
	1			78	20.19	20.33	20.39	21
	2			0	19.89	19.95	20.07	21
	2			77	19.79	19.88	20.03	21
	79			0	20.15	20.19	20.32	21
	Inner		1	1	21.22	21.23	21.40	23
			1	77	21.22	21.27	21.36	23
			39	19	21.12	21.16	21.21	23
	CP-OFDM 64QAM		Outer	1	0	19.67	19.69	19.84
		1		78	19.69	19.72	19.87	21
		2		0	19.68	19.65	19.82	21
		2		77	19.63	19.66	19.88	21
		79		0	19.58	19.71	19.76	21
		Inner	1	1	19.70	19.76	19.93	21
			1	77	19.64	19.66	19.74	21
			39	19	19.53	19.69	19.82	21
		CP-OFDM 256QAM	Outer	1	0	16.27	16.31	16.38
	1			78	16.25	16.42	16.45	18
	2			0	16.44	16.51	16.63	18
	2			77	16.47	16.46	16.66	18
	79			0	16.67	16.67	16.74	18
	Inner		1	1	16.28	16.35	16.47	18
			1	77	16.32	16.35	16.48	18
			39	19	16.54	16.67	16.79	18



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BW	MCS Index	RB	RB Size	RB Offset	Low CH 344000	Mid CH 349000	High CH 354000	Max. Tune-up (dBm)
					Frequency 1720MHz	Frequency 1745MHz	Frequency 1770MHz	
20M	CP-OFDM QPSK	Outer	1	0	19.97	20.00	20.15	21
			1	105	20.00	19.98	20.10	21
			2	0	20.27	20.35	20.50	21
			2	104	20.20	20.22	20.33	21
			106	0	20.09	20.22	20.33	21
		Inner	1	1	22.56	22.62	22.69	24
			1	104	22.51	22.62	22.70	24
			53	26	22.51	22.62	22.71	24
		CP-OFDM 16QAM	Outer	1	0	20.23	20.31	20.44
	1			105	20.25	20.31	20.45	21
	2			0	19.87	19.91	20.05	21
	2			104	19.78	19.94	19.98	21
	106			0	20.12	20.19	20.35	21
	Inner		1	1	21.22	21.24	21.37	23
			1	104	21.16	21.24	21.42	23
			53	26	21.09	21.22	21.21	23
	CP-OFDM 64QAM		Outer	1	0	19.60	19.74	19.84
		1		105	19.70	19.74	19.84	21
		2		0	19.62	19.72	19.82	21
		2		104	19.64	19.69	19.81	21
		106		0	19.60	19.73	19.78	21
		Inner	1	1	19.67	19.75	19.90	21
			1	104	19.59	19.68	19.77	21
			53	26	19.53	19.68	19.78	21
		CP-OFDM 256QAM	Outer	1	0	16.23	16.35	16.44
	1			105	16.29	16.38	16.39	18
	2			0	16.41	16.55	16.65	18
	2			104	16.44	16.49	16.63	18
	106			0	16.66	16.63	16.81	18
	Inner		1	1	16.24	16.34	16.48	18
			1	104	16.31	16.30	16.50	18
			53	26	16.58	16.65	16.75	18

BW	MCS Index	RB	RB Size	RB Offset	Low CH 345000	Mid CH 349000	High CH 353000	Max. Tune-up (dBm)
					Frequency 1725MHz	Frequency 1745MHz	Frequency 1765MHz	
30M	CP-OFDM QPSK	Outer	1	0	20.01	20.03	20.12	21
			1	159	19.98	20.03	20.06	21
			2	0	20.30	20.42	20.47	21
			2	158	20.18	20.22	20.37	21
			160	0	20.16	20.21	20.33	21
		Inner	1	1	22.52	22.60	22.68	24
			1	158	22.56	22.60	22.72	24
			80	40	22.55	22.66	22.67	24
		CP-OFDM 16QAM	Outer	1	0	20.27	20.28	20.47
	1			159	20.21	20.37	20.44	21
	2			0	19.93	19.89	20.12	21
	2			158	19.76	19.92	19.99	21
	160			0	20.16	20.18	20.35	21
	Inner		1	1	21.27	21.26	21.34	23
			1	158	21.17	21.26	21.40	23
			80	40	21.15	21.17	21.22	23
	CP-OFDM 64QAM		Outer	1	0	19.62	19.67	19.84
		1		159	19.73	19.77	19.84	21
		2		0	19.63	19.65	19.78	21
		2		158	19.66	19.73	19.85	21
		160		0	19.64	19.67	19.80	21
		Inner	1	1	19.65	19.78	19.90	21
			1	158	19.64	19.65	19.78	21
			80	40	19.53	19.66	19.79	21
		CP-OFDM 256QAM	Outer	1	0	16.28	16.30	16.44
	1			159	16.31	16.36	16.42	18
	2			0	16.43	16.48	16.65	18
	2			158	16.48	16.52	16.59	18
	160			0	16.61	16.63	16.76	18
	Inner		1	1	16.29	16.32	16.51	18
			1	158	16.32	16.29	16.47	18
			80	40	16.54	16.64	16.78	18

BW	MCS Index	RB	RB Size	RB Offset	Low CH 346000	Mid CH 349000	High CH 352000	Max. Tune-up (dBm)
					Frequency 1730MHz	Frequency 1745MHz	Frequency 1760MHz	
40M	CP-OFDM QPSK	Outer	1	0	20.02	20.07	20.20	21
			1	215	20.02	20.06	20.12	21
			2	0	20.32	20.43	20.51	21
			2	214	20.24	20.27	20.38	21
			216	0	20.17	20.23	20.38	21
		Inner	1	1	22.60	22.67	22.70	24
			1	214	22.57	22.64	22.75	24
			108	54	22.58	22.67	22.73	24
		CP-OFDM 16QAM	Outer	1	0	20.31	20.33	20.49
	1			215	20.27	20.39	20.47	21
	2			0	19.95	19.97	20.13	21
	2			214	19.84	19.96	20.04	21
	216			0	20.19	20.24	20.37	21
	Inner		1	1	21.28	21.31	21.42	23
			1	214	21.23	21.29	21.44	23
			108	54	21.17	21.24	21.27	23
	CP-OFDM 64QAM		Outer	1	0	19.68	19.75	19.86
		1		215	19.74	19.79	19.92	21
		2		0	19.70	19.73	19.84	21
		2		214	19.68	19.74	19.89	21
		216		0	19.66	19.75	19.81	21
		Inner	1	1	19.73	19.82	19.95	21
			1	214	19.66	19.73	19.79	21
			108	54	19.61	19.70	19.84	21
		CP-OFDM 256QAM	Outer	1	0	16.31	16.36	16.46
	1			215	16.33	16.43	16.47	18
	2			0	16.49	16.56	16.67	18
	2			214	16.49	16.54	16.67	18
	216			0	16.68	16.71	16.82	18
	Inner		1	1	16.32	16.38	16.53	18
			1	214	16.34	16.36	16.52	18
			108	54	16.60	16.72	16.80	18