



**BUREAU
VERITAS**

Test Report No.: W7L-P20210616-3RF06

BW	MCS Index	RB	RB Size	RB Offset	Low CH 508200	Mid CH 518598	High CH 528996	Max. Tune-up (dBm)
					Frequency 2541MHz	Frequency 2592.99MHz	Frequency 2644.98MHz	
90M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.08	22.26	22.30	23.5
			1	244	22.42	21.63	21.61	23.5
			2	0	23.07	22.35	22.35	23.5
			2	243	22.47	21.67	21.77	23.5
			240	0	22.67	21.88	21.95	23.5
		Inner	1	1	23.71	22.86	22.89	24
			1	243	22.95	22.20	22.29	24
			120	60	23.09	22.27	22.27	24
		DFT-s-OFDM QPSK	Outer	1	0	22.47	21.64	21.78
	1			244	21.82	21.14	21.16	23
	2			0	22.60	21.72	21.90	23
	2			243	21.88	21.20	21.22	23
	240			0	22.19	21.37	21.49	23
	Inner		1	1	23.58	22.82	22.85	24
			1	243	22.93	22.13	22.20	24
			120	60	23.11	22.38	22.34	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.53	20.74	20.86
		1		244	21.03	20.23	20.25	22
		2		0	21.53	20.71	20.79	22
		2		243	20.92	20.15	20.22	22
		240		0	21.26	20.45	20.53	22
		Inner	1	1	22.88	22.17	22.24	23
			1	243	22.38	21.55	21.63	23
			120	60	21.96	21.25	21.33	23
		DFT-s-OFDM 64QAM	Outer	1	0	21.22	20.40	20.49
	1			244	20.61	19.82	19.83	21.5
	2			0	21.03	20.24	20.36	21.5
	2			243	20.50	19.70	19.72	21.5
	240			0	20.70	19.88	19.96	21.5
	Inner		1	1	21.22	20.41	20.55	21.5
			1	243	20.75	19.88	20.01	21.5
			120	60	20.54	19.80	19.89	21.5
	DFT-s-OFDM 256QAM		Outer	1	0	20.79	19.92	20.05
		1		244	20.17	19.53	19.58	21.5
		2		0	21.36	20.53	20.58	21.5
		2		243	20.71	19.93	20.02	21.5
		240		0	20.65	19.88	19.94	21.5
		Inner	1	1	20.80	20.03	20.05	21
			1	243	20.05	19.29	19.42	21
			120	60	20.65	19.85	19.84	21

BW	MCS Index	RB	RB Size	RB Offset	Low CH 509202	Mid CH 518598	High CH 528000	Max. Tune-up (dBm)
					Frequency 2546.01MHz	Frequency 2592.99MHz	Frequency 2640MHz	
100M	DFT-s-OFDM Pi/2 BPSK	Outer	1	0	23.09	22.30	22.38	23.5
			1	272	22.46	21.66	21.67	23.5
			2	0	23.09	22.36	22.39	23.5
			2	271	22.53	21.72	21.78	23.5
			270	0	22.68	21.90	22.00	23.5
		Inner	1	1	23.72	22.91	22.97	24
			1	271	23.01	22.23	22.33	24
			135	67	23.11	22.34	22.32	24
		DFT-s-OFDM QPSK	Outer	1	0	22.51	21.69	21.80
	1			272	21.88	21.16	21.19	23
	2			0	22.62	21.80	21.91	23
	2			271	21.96	21.24	21.27	23
	270			0	22.22	21.43	21.51	23
	Inner		1	1	23.66	22.89	22.87	24
			1	271	22.94	22.17	22.23	24
			135	67	23.14	22.39	22.40	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.59	20.82	20.88
		1		272	21.04	20.25	20.33	22
		2		0	21.60	20.79	20.85	22
		2		271	20.94	20.16	20.26	22
		270		0	21.28	20.53	20.54	22
		Inner	1	1	22.96	22.21	22.29	23
			1	271	22.40	21.63	21.64	23
			135	67	22.04	21.29	21.38	23
		DFT-s-OFDM 64QAM	Outer	1	0	21.25	20.46	20.51
	1			272	20.63	19.89	19.88	21.5
	2			0	21.09	20.32	20.38	21.5
	2			271	20.51	19.72	19.80	21.5
	270			0	20.77	19.96	20.02	21.5
	Inner		1	1	21.25	20.47	20.57	21.5
			1	271	20.77	19.95	20.06	21.5
			135	67	20.60	19.88	19.91	21.5
	DFT-s-OFDM 256QAM		Outer	1	0	20.81	20.00	20.06
		1		272	20.25	19.57	19.63	21.5
		2		0	21.38	20.61	20.59	21.5
		2		271	20.79	19.97	20.07	21.5
		270		0	20.68	19.94	19.96	21.5
		Inner	1	1	20.82	20.10	20.10	21
			1	271	20.11	19.37	19.44	21
			135	67	20.66	19.87	19.92	21



BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF06

N66-LTE5

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	20.02	20.07	20.20	21
			1	24	20.02	20.06	20.12	21
			2	0	20.32	20.43	20.51	21
			2	23	20.24	20.27	20.38	21
			25	0	20.17	20.23	20.38	21
		Inner	1	1	22.60	22.67	22.70	24
			1	23	22.57	22.64	22.75	24
			13	6	22.58	22.67	22.73	24
		CP-OFDM 16QAM	Outer	1	0	20.31	20.33	20.49
	1			24	20.27	20.39	20.47	21
	2			0	19.95	19.97	20.13	21
	2			23	19.84	19.96	20.04	21
	25			0	20.19	20.24	20.37	21
	Inner		1	1	21.28	21.31	21.42	23
			1	23	21.23	21.29	21.44	23
			13	6	21.17	21.24	21.27	23
	CP-OFDM 64QAM		Outer	1	0	19.68	19.75	19.86
		1		24	19.74	19.79	19.92	21
		2		0	19.70	19.73	19.84	21
		2		23	19.68	19.74	19.89	21
		25		0	19.66	19.68	19.84	21
		Inner	1	1	19.71	19.83	19.91	21
			1	23	19.65	19.67	19.83	21
			13	6	19.61	19.73	19.81	21
		CP-OFDM 256QAM	Outer	1	0	16.29	16.34	16.47
	1			24	16.34	16.37	16.48	18
	2			0	16.50	16.56	16.71	18
	2			23	16.51	16.58	16.61	18
	25			0	16.69	16.74	16.79	18
	Inner		1	1	16.34	16.43	16.49	18
			1	23	16.34	16.43	16.49	18
			13	6	16.62	16.71	16.84	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	20.04	20.11	20.14	21
			1	51	19.98	20.03	20.14	21
			2	0	20.37	20.40	20.53	21
			2	50	20.21	20.27	20.38	21
			52	0	20.21	20.23	20.38	21
		Inner	1	1	22.56	22.61	22.77	24
			1	50	22.56	22.68	22.76	24
			26	13	22.57	22.62	22.75	24
		CP-OFDM 16QAM	Outer	1	0	20.31	20.34	20.45
	1			51	20.27	20.42	20.50	21
	2			0	19.93	20.00	20.06	21
	2			50	19.84	19.99	20.07	21
	52			0	20.17	20.25	20.35	21
	Inner		1	1	21.28	21.30	21.46	23
			1	50	21.28	21.33	21.38	23
			26	13	21.14	21.23	21.29	23
	CP-OFDM 64QAM		Outer	1	0	19.73	19.82	19.88
		1		51	19.71	19.80	19.93	21
		2		0	19.71	19.78	19.84	21
		2		50	19.66	19.75	19.89	21
		52		0	19.67	19.72	19.82	21
		Inner	1	1	19.72	19.82	19.94	21
			1	50	19.63	19.70	19.79	21
			26	13	19.61	19.76	19.81	21
		CP-OFDM 256QAM	Outer	1	0	16.28	16.35	16.48
	1			51	16.30	16.42	16.48	18
	2			0	16.49	16.59	16.71	18
	2			50	16.44	16.58	16.64	18
	52			0	16.68	16.70	16.85	18
	Inner		1	1	16.30	16.40	16.47	18
			1	50	16.30	16.42	16.47	18
			26	13	16.63	16.68	16.84	18

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	19.99	20.11	20.16	21
			1	78	19.96	20.06	20.18	21
			2	0	20.34	20.41	20.50	21
			2	77	20.18	20.33	20.38	21
			79	0	20.19	20.26	20.39	21
		Inner	1	1	22.55	22.67	22.73	24
			1	77	22.57	22.67	22.79	24
			39	19	22.52	22.66	22.72	24
		CP-OFDM 16QAM	Outer	1	0	20.31	20.33	20.48
	1			78	20.27	20.37	20.44	21
	2			0	19.91	20.03	20.08	21
	2			77	19.87	19.92	20.08	21
	79			0	20.18	20.25	20.34	21
	Inner		1	1	21.24	21.30	21.45	23
			1	77	21.28	21.35	21.38	23
			39	19	21.13	21.18	21.29	23
	CP-OFDM 64QAM		Outer	1	0	19.74	19.77	19.90
		1		78	19.72	19.78	19.89	21
		2		0	19.70	19.72	19.87	21
		2		77	19.69	19.74	19.90	21
		79		0	19.60	19.72	19.80	21
		Inner	1	1	19.76	19.81	19.94	21
			1	77	19.65	19.68	19.79	21
			39	19	19.61	19.76	19.84	21
		CP-OFDM 256QAM	Outer	1	0	16.28	16.35	16.41
	1			78	16.28	16.43	16.51	18
	2			0	16.51	16.59	16.69	18
	2			77	16.50	16.52	16.68	18
	79			0	16.69	16.74	16.79	18
	Inner		1	1	16.34	16.43	16.49	18
			1	77	16.34	16.43	16.49	18
			39	19	16.62	16.71	16.84	18

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	20.00	20.06	20.17	21
			1	105	20.01	20.03	20.18	21
			2	0	20.33	20.38	20.54	21
			2	104	20.22	20.29	20.38	21
			106	0	20.15	20.30	20.35	21
		Inner	1	1	22.57	22.64	22.77	24
			1	104	22.58	22.70	22.76	24
			53	26	22.53	22.63	22.75	24
		CP-OFDM 16QAM	Outer	1	0	20.25	20.39	20.45
	1			105	20.33	20.35	20.50	21
	2			0	19.89	19.99	20.06	21
	2			104	19.86	19.98	20.03	21
	106			0	20.15	20.25	20.37	21
	Inner		1	1	21.24	21.31	21.42	23
			1	104	21.22	21.32	21.44	23
			53	26	21.10	21.24	21.29	23
	CP-OFDM 64QAM		Outer	1	0	19.67	19.82	19.90
		1		105	19.73	19.80	19.86	21
		2		0	19.64	19.79	19.87	21
		2		104	19.70	19.77	19.83	21
		106		0	19.62	19.74	19.82	21
		Inner	1	1	19.73	19.80	19.91	21
			1	104	19.60	19.70	19.82	21
			53	26	19.61	19.75	19.80	21
		CP-OFDM 256QAM	Outer	1	0	16.24	16.39	16.47
	1			105	16.32	16.39	16.45	18
	2			0	16.48	16.63	16.71	18
	2			104	16.47	16.55	16.65	18
	106			0	16.68	16.70	16.86	18
	Inner		1	1	16.30	16.42	16.50	18
			1	104	16.33	16.38	16.51	18
			53	26	16.66	16.69	16.80	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	20.04	20.09	20.14	21
			1	159	19.99	20.08	20.14	21
			2	0	20.36	20.45	20.51	21
			2	158	20.20	20.29	20.42	21
			160	0	20.22	20.29	20.35	21
		Inner	1	1	22.53	22.62	22.76	24
			1	158	22.63	22.68	22.78	24
			80	40	22.57	22.67	22.71	24
		CP-OFDM 16QAM	Outer	1	0	20.29	20.36	20.48
	1			159	20.29	20.41	20.49	21
	2			0	19.95	19.97	20.13	21
	2			158	19.84	19.96	20.04	21
	160			0	20.19	20.24	20.37	21
	Inner		1	1	21.29	21.33	21.39	23
			1	158	21.23	21.34	21.42	23
			80	40	21.16	21.19	21.30	23
	CP-OFDM 64QAM		Outer	1	0	19.69	19.75	19.90
		1		159	19.76	19.83	19.86	21
		2		0	19.65	19.72	19.83	21
		2		158	19.72	19.81	19.87	21
		160		0	19.66	19.68	19.84	21
		Inner	1	1	19.71	19.83	19.91	21
			1	158	19.65	19.67	19.83	21
			80	40	19.61	19.73	19.81	21
		CP-OFDM 256QAM	Outer	1	0	16.29	16.34	16.47
	1			159	16.34	16.37	16.48	18
	2			0	16.50	16.56	16.71	18
	2			158	16.51	16.58	16.61	18
	160			0	16.63	16.70	16.81	18
	Inner		1	1	16.35	16.40	16.53	18
			1	158	16.34	16.37	16.48	18
			80	40	16.62	16.68	16.83	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	20.05	20.13	20.22	21
			1	215	20.03	20.11	20.20	21
			2	0	20.38	20.46	20.55	21
			2	214	20.26	20.34	20.43	21
			216	0	20.23	20.31	20.40	21
		Inner	1	1	22.61	22.69	22.78	24
			1	214	22.64	22.72	22.81	24
			108	54	22.60	22.68	22.77	24
		CP-OFDM 16QAM	Outer	1	0	20.33	20.41	20.50
	1			215	20.35	20.43	20.52	21
	2			0	19.97	20.05	20.14	21
	2			214	19.92	20.00	20.09	21
	216			0	20.22	20.30	20.39	21
	Inner		1	1	21.30	21.38	21.47	23
			1	214	21.29	21.37	21.46	23
			108	54	21.18	21.26	21.35	23
	CP-OFDM 64QAM		Outer	1	0	19.75	19.83	19.92
		1		215	19.77	19.85	19.94	21
		2		0	19.72	19.80	19.89	21
		2		214	19.74	19.82	19.91	21
		216		0	19.68	19.76	19.85	21
		Inner	1	1	19.79	19.87	19.96	21
			1	214	19.67	19.75	19.84	21
			108	54	19.69	19.77	19.86	21
		CP-OFDM 256QAM	Outer	1	0	16.32	16.40	16.49
	1			215	16.36	16.44	16.53	18
	2			0	16.56	16.64	16.73	18
	2			214	16.52	16.60	16.69	18
	216			0	16.70	16.78	16.87	18
	Inner		1	1	16.38	16.46	16.55	18
			1	214	16.36	16.44	16.53	18
			108	54	16.68	16.76	16.85	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	22.76	22.62	22.82	24
			1	24	22.64	22.49	22.62	24
			2	0	22.81	22.73	22.88	24
			2	23	22.76	22.60	22.78	24
			25	0	22.77	22.64	22.86	24
		Inner	1	1	23.46	23.36	23.49	24
	1	23	23.14	23.02	23.20	24		
	12	6	23.31	23.19	23.29	24		
	DFT-s-OFDM QPSK	Outer	1	0	23.25	23.08	23.31	24
			1	24	23.16	23.09	23.24	24
			2	0	23.26	23.09	23.32	24
			2	23	23.17	23.10	23.25	24
			25	0	22.35	22.21	22.41	24
		Inner	1	1	23.29	23.13	23.31	24
	1	23	23.23	23.10	23.32	24		
	12	6	23.35	23.23	23.33	24		
	DFT-s-OFDM 16QAM	Outer	1	0	21.22	21.10	21.28	22
			1	24	21.24	21.10	21.30	22
			2	0	21.17	21.01	21.19	22
			2	23	20.98	20.85	21.07	22
			25	0	21.28	21.11	21.34	22
		Inner	1	1	22.44	22.37	22.52	23
	1	23	22.43	22.26	22.49	23		
	12	6	22.21	22.14	22.29	23		
	DFT-s-OFDM 64QAM	Outer	1	0	20.92	20.78	20.98	22
			1	24	20.87	20.71	20.89	22
			2	0	20.68	20.55	20.77	22
			2	23	20.67	20.55	20.65	22
			25	0	20.79	20.65	20.77	22
		Inner	1	1	20.95	20.85	20.98	22
	1	23	20.90	20.80	20.93	22		
	12	6	20.70	20.60	20.80	22		
	DFT-s-OFDM 256QAM	Outer	1	0	20.39	20.27	20.40	22
			1	24	20.29	20.19	20.40	22
			2	0	20.95	20.81	20.98	22
			2	23	20.87	20.78	20.89	22
25			0	20.74	20.62	20.81	22	
Inner		1	1	20.43	20.36	20.51	22	
1	23	20.38	20.21	20.44	22			
12	6	20.67	20.60	20.75	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	22.78	22.66	22.76	24
			1	51	22.60	22.46	22.64	24
			2	0	22.86	22.70	22.90	24
			2	50	22.73	22.60	22.78	24
			50	0	22.81	22.64	22.86	24
		Inner	1	1	23.45	23.31	23.51	24
			1	50	23.13	23.06	23.21	24
			25	12	23.27	23.13	23.36	24
		DFT-s-OFDM QPSK	Outer	1	0	23.25	23.09	23.27
	1			51	23.16	23.12	23.27	24
	2			0	23.24	23.12	23.25	24
	2			50	23.17	23.13	23.28	24
	50			0	22.33	22.22	22.39	24
	Inner		1	1	23.29	23.12	23.35	24
			1	50	23.28	23.14	23.26	24
			25	12	23.32	23.22	23.35	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.27	21.17	21.30
		1		51	21.21	21.11	21.31	22
		2		0	21.18	21.06	21.19	22
		2		50	20.96	20.86	21.07	22
		50		0	21.29	21.15	21.32	22
		Inner	1	1	22.45	22.36	22.55	23
			1	50	22.41	22.29	22.45	23
			25	12	22.21	22.17	22.29	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.91	20.79	20.99
	1			51	20.83	20.76	20.89	22
	2			0	20.67	20.58	20.77	22
	2			50	20.60	20.55	20.68	22
	50			0	20.78	20.61	20.83	22
	Inner		1	1	20.91	20.82	20.96	22
			1	50	20.86	20.79	20.91	22
			25	12	20.71	20.57	20.80	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.36	20.24	20.40
		1		51	20.31	20.18	20.40	22
		2		0	20.95	20.83	20.93	22
		2		50	20.85	20.71	20.89	22
50		0		20.77	20.61	20.81	22	
Inner		1	1	20.44	20.31	20.49	22	
		1	50	20.38	20.21	20.43	22	
		25	12	20.70	20.56	20.79	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	22.73	22.66	22.78	24
			1	78	22.58	22.49	22.68	24
			2	0	22.83	22.71	22.87	24
			2	77	22.70	22.66	22.78	24
			75	0	22.79	22.67	22.87	24
		Inner	1	1	23.40	23.35	23.48	24
			1	77	23.14	23.05	23.24	24
			36	18	23.26	23.19	23.32	24
		DFT-s-OFDM QPSK	Outer	1	0	23.25	23.08	23.30
	1			78	23.16	23.07	23.21	24
	2			0	23.22	23.15	23.27	24
	2			77	23.20	23.06	23.29	24
	75			0	22.34	22.22	22.38	24
	Inner		1	1	23.25	23.12	23.34	24
			1	77	23.28	23.16	23.26	24
			36	18	23.31	23.17	23.35	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.28	21.12	21.32
		1		78	21.22	21.09	21.27	22
		2		0	21.17	21.00	21.22	22
		2		77	20.99	20.85	21.08	22
		75		0	21.22	21.15	21.30	22
		Inner	1	1	22.49	22.35	22.55	23
			1	77	22.43	22.27	22.45	23
			36	18	22.21	22.17	22.32	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.91	20.79	20.92
	1			78	20.81	20.77	20.92	22
	2			0	20.69	20.58	20.75	22
	2			77	20.66	20.49	20.72	22
	75			0	20.79	20.65	20.77	22
	Inner		1	1	20.95	20.85	20.98	22
			1	77	20.90	20.80	20.93	22
			36	18	20.70	20.60	20.80	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.39	20.27	20.40
		1		78	20.29	20.19	20.40	22
		2		0	20.95	20.81	20.98	22
		2		77	20.87	20.78	20.89	22
75		0		20.74	20.62	20.81	22	
Inner		1	1	20.43	20.36	20.51	22	
		1	77	20.37	20.23	20.43	22	
		36	18	20.74	20.59	20.72	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	22.74	22.61	22.79	24
			1	105	22.63	22.46	22.68	24
			2	0	22.82	22.68	22.91	24
			2	104	22.74	22.62	22.78	24
			100	0	22.75	22.71	22.83	24
		Inner	1	1	23.41	23.32	23.51	24
			1	104	23.15	23.08	23.21	24
			50	25	23.28	23.16	23.36	24
		DFT-s-OFDM QPSK	Outer	1	0	23.19	23.14	23.27
	1			105	23.22	23.05	23.27	24
	2			0	23.20	23.11	23.25	24
	2			104	23.19	23.12	23.24	24
	100			0	22.31	22.22	22.41	24
	Inner		1	1	23.25	23.13	23.31	24
			1	104	23.22	23.13	23.32	24
			50	25	23.28	23.23	23.35	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.21	21.17	21.32
		1		105	21.23	21.11	21.24	22
		2		0	21.11	21.07	21.22	22
		2		104	21.00	20.88	21.01	22
		100		0	21.24	21.17	21.32	22
		Inner	1	1	22.46	22.34	22.52	23
			1	104	22.38	22.29	22.48	23
			50	25	22.21	22.16	22.28	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.87	20.83	20.98
	1			105	20.85	20.73	20.86	22
	2			0	20.66	20.62	20.77	22
	2			104	20.63	20.52	20.69	22
	100			0	20.78	20.61	20.84	22
	Inner		1	1	20.91	20.84	20.99	22
			1	104	20.89	20.75	20.95	22
			50	25	20.74	20.58	20.76	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.34	20.21	20.43
		1		105	20.36	20.24	20.34	22
		2		0	20.91	20.77	20.95	22
		2		104	20.89	20.73	20.93	22
100		0		20.73	20.65	20.76	22	
Inner		1	1	20.47	20.30	20.53	22	
		1	104	20.32	20.25	20.40	22	
		50	25	20.73	20.56	20.79	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	22.78	22.64	22.76	24
			1	159	22.61	22.51	22.64	24
			2	0	22.85	22.75	22.88	24
			2	158	22.72	22.62	22.82	24
			160	0	22.82	22.70	22.83	24
		Inner	1	1	23.45	23.36	23.47	24
			1	158	23.20	23.06	23.23	24
			80	40	23.24	23.14	23.35	24
		DFT-s-OFDM QPSK	Outer	1	0	23.23	23.11	23.30
	1			159	23.18	23.11	23.26	24
	2			0	23.26	23.09	23.32	24
	2			158	23.17	23.10	23.25	24
	160			0	22.35	22.21	22.41	24
	Inner		1	1	23.30	23.15	23.28	24
			1	158	23.23	23.15	23.30	24
			80	40	23.34	23.18	23.36	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.23	21.10	21.32
		1		159	21.26	21.14	21.24	22
		2		0	21.12	21.00	21.18	22
		2		158	21.02	20.92	21.05	22
		160		0	21.28	21.11	21.34	22
		Inner	1	1	22.44	22.37	22.52	23
			1	158	22.43	22.26	22.49	23
			80	40	22.21	22.14	22.29	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.92	20.78	20.98
	1			159	20.87	20.71	20.89	22
	2			0	20.68	20.55	20.77	22
	2			158	20.67	20.55	20.65	22
	160			0	20.73	20.61	20.79	22
	Inner		1	1	20.96	20.82	21.02	22
			1	158	20.90	20.74	20.92	22
			80	40	20.70	20.57	20.79	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.38	20.21	20.44
		1		159	20.29	20.22	20.37	22
		2		0	20.94	20.77	21.00	22
		2		158	20.82	20.75	20.90	22
160		0		20.75	20.61	20.81	22	
Inner		1	1	20.47	20.31	20.49	22	
		1	158	20.34	20.21	20.43	22	
		80	40	20.74	20.62	20.72	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	22.79	22.68	22.84	24
			1	215	22.65	22.54	22.70	24
			2	0	22.87	22.76	22.92	24
			2	214	22.78	22.67	22.83	24
			216	0	22.83	22.72	22.88	24
		Inner	1	1	23.48	23.37	23.53	24
			1	214	23.21	23.10	23.26	24
			108	54	23.32	23.21	23.37	24
		DFT-s-OFDM QPSK	Outer	1	0	23.27	23.16	23.32
	1			215	23.24	23.13	23.29	24
	2			0	23.28	23.17	23.33	24
	2			214	23.25	23.14	23.30	24
	216			0	22.38	22.27	22.43	24
	Inner		1	1	23.31	23.20	23.36	24
			1	214	23.29	23.18	23.34	24
			108	54	23.36	23.25	23.41	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.29	21.18	21.34
		1		215	21.27	21.16	21.32	22
		2		0	21.19	21.08	21.24	22
		2		214	21.04	20.93	21.09	22
		216		0	21.30	21.19	21.35	22
		Inner	1	1	22.52	22.41	22.57	23
			1	214	22.45	22.34	22.50	23
			108	54	22.29	22.18	22.34	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.95	20.84	21.00
	1			215	20.89	20.78	20.94	22
	2			0	20.74	20.63	20.79	22
	2			214	20.68	20.57	20.73	22
	216			0	20.80	20.69	20.85	22
	Inner		1	1	20.99	20.88	21.04	22
			1	214	20.92	20.81	20.97	22
			108	54	20.76	20.65	20.81	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.40	20.29	20.45
		1		215	20.37	20.26	20.42	22
		2		0	20.96	20.85	21.01	22
		2		214	20.90	20.79	20.95	22
216		0		20.78	20.67	20.83	22	
Inner		1	1	20.49	20.38	20.54	22	
		1	214	20.40	20.29	20.45	22	
		108	54	20.75	20.64	20.80	22	



BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF06

N66-LTE12

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	19.97	20.00	20.15	21
			1	24	20.00	19.98	20.10	21
			2	0	20.27	20.35	20.50	21
			2	23	20.20	20.22	20.33	21
			25	0	20.09	20.22	20.33	21
		Inner	1	1	22.56	22.62	22.69	24
			1	23	22.51	22.62	22.70	24
			13	6	22.51	22.62	22.71	24
		CP-OFDM 16QAM	Outer	1	0	20.23	20.31	20.44
	1			24	20.25	20.31	20.45	21
	2			0	19.87	19.91	20.05	21
	2			23	19.78	19.94	19.98	21
	25			0	20.12	20.19	20.35	21
	Inner		1	1	21.26	21.26	21.38	23
			1	23	21.18	21.27	21.36	23
			13	6	21.15	21.19	21.23	23
	CP-OFDM 64QAM		Outer	1	0	19.60	19.73	19.80
		1		24	19.68	19.71	19.85	21
		2		0	19.68	19.67	19.76	21
		2		23	19.63	19.72	19.87	21
		25		0	19.64	19.63	19.76	21
		Inner	1	1	19.65	19.76	19.85	21
			1	23	19.63	19.62	19.76	21
			13	6	19.53	19.71	19.75	21
		CP-OFDM 256QAM	Outer	1	0	16.27	16.33	16.40
	1			24	16.26	16.32	16.40	18
	2			0	16.47	16.55	16.63	18
	2			23	16.46	16.51	16.56	18
	25			0	16.67	16.66	16.77	18
	Inner		1	1	16.29	16.35	16.48	18
			1	23	16.33	16.41	16.41	18
			13	6	16.55	16.63	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	19.99	20.04	20.09	21
			1	51	19.96	19.95	20.12	21
			2	0	20.32	20.32	20.52	21
			2	50	20.17	20.22	20.33	21
			52	0	20.13	20.22	20.33	21
		Inner	1	1	22.52	22.56	22.76	24
			1	50	22.50	22.66	22.71	24
			26	13	22.50	22.57	22.73	24
		CP-OFDM 16QAM	Outer	1	0	20.23	20.32	20.40
	1			51	20.25	20.34	20.48	21
	2			0	19.85	19.94	19.98	21
	2			50	19.78	19.97	20.01	21
	52			0	20.10	20.20	20.33	21
	Inner		1	1	21.26	21.25	21.42	23
			1	50	21.23	21.31	21.30	23
			26	13	21.12	21.18	21.25	23
	CP-OFDM 64QAM		Outer	1	0	19.65	19.80	19.82
		1		51	19.65	19.72	19.86	21
		2		0	19.69	19.72	19.76	21
		2		50	19.61	19.73	19.87	21
		52		0	19.65	19.67	19.74	21
		Inner	1	1	19.66	19.75	19.88	21
			1	50	19.61	19.65	19.72	21
			26	13	19.53	19.74	19.75	21
		CP-OFDM 256QAM	Outer	1	0	16.26	16.34	16.41
	1			51	16.22	16.37	16.40	18
	2			0	16.46	16.58	16.63	18
	2			50	16.39	16.51	16.59	18
	52			0	16.66	16.62	16.83	18
	Inner		1	1	16.25	16.32	16.46	18
			1	50	16.29	16.40	16.39	18
			26	13	16.56	16.60	16.78	18

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	19.94	20.04	20.11	21
			1	78	19.94	19.98	20.16	21
			2	0	20.29	20.33	20.49	21
			2	77	20.14	20.28	20.33	21
			79	0	20.11	20.25	20.34	21
		Inner	1	1	22.51	22.62	22.72	24
			1	77	22.51	22.65	22.74	24
			39	19	22.45	22.61	22.70	24
		CP-OFDM 16QAM	Outer	1	0	20.23	20.31	20.43
	1			78	20.25	20.29	20.42	21
	2			0	19.83	19.97	20.00	21
	2			77	19.81	19.90	20.02	21
	79			0	20.11	20.20	20.32	21
	Inner		1	1	21.22	21.25	21.41	23
			1	77	21.23	21.33	21.30	23
			39	19	21.11	21.13	21.25	23
	CP-OFDM 64QAM		Outer	1	0	19.66	19.75	19.84
		1		78	19.66	19.70	19.82	21
		2		0	19.68	19.66	19.79	21
		2		77	19.64	19.72	19.88	21
		79		0	19.58	19.67	19.72	21
		Inner	1	1	19.70	19.74	19.88	21
			1	77	19.63	19.63	19.72	21
			39	19	19.53	19.74	19.78	21
		CP-OFDM 256QAM	Outer	1	0	16.26	16.34	16.34
	1			78	16.20	16.38	16.43	18
	2			0	16.48	16.58	16.61	18
	2			77	16.45	16.45	16.63	18
	79			0	16.67	16.66	16.77	18
	Inner		1	1	16.29	16.35	16.48	18
			1	77	16.33	16.41	16.41	18
			39	19	16.55	16.63	16.78	18

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	19.95	19.99	20.12	21
			1	105	19.99	19.95	20.16	21
			2	0	20.28	20.30	20.53	21
			2	104	20.18	20.24	20.33	21
			106	0	20.07	20.29	20.30	21
		Inner	1	1	22.53	22.59	22.76	24
			1	104	22.52	22.68	22.71	24
			53	26	22.46	22.58	22.73	24
		CP-OFDM 16QAM	Outer	1	0	20.17	20.37	20.40
	1			105	20.31	20.27	20.48	21
	2			0	19.81	19.93	19.98	21
	2			104	19.80	19.96	19.97	21
	106			0	20.08	20.20	20.35	21
	Inner		1	1	21.22	21.26	21.38	23
			1	104	21.17	21.30	21.36	23
			53	26	21.08	21.19	21.25	23
	CP-OFDM 64QAM		Outer	1	0	19.59	19.80	19.84
		1		105	19.67	19.72	19.79	21
		2		0	19.62	19.73	19.79	21
		2		104	19.65	19.75	19.81	21
		106		0	19.60	19.69	19.74	21
		Inner	1	1	19.67	19.73	19.85	21
			1	104	19.58	19.65	19.75	21
			53	26	19.53	19.73	19.74	21
		CP-OFDM 256QAM	Outer	1	0	16.22	16.38	16.40
	1			105	16.24	16.34	16.37	18
	2			0	16.45	16.62	16.63	18
	2			104	16.42	16.48	16.60	18
	106			0	16.66	16.62	16.84	18
	Inner		1	1	16.25	16.34	16.49	18
			1	104	16.32	16.36	16.43	18
			53	26	16.59	16.61	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	19.99	20.02	20.09	21
			1	159	19.97	20.00	20.12	21
			2	0	20.31	20.37	20.50	21
			2	158	20.16	20.24	20.37	21
			160	0	20.14	20.28	20.30	21
		Inner	1	1	22.49	22.57	22.75	24
			1	158	22.57	22.66	22.73	24
			80	40	22.50	22.62	22.69	24
		CP-OFDM 16QAM	Outer	1	0	20.21	20.34	20.43
	1			159	20.27	20.33	20.47	21
	2			0	19.87	19.91	20.05	21
	2			158	19.78	19.94	19.98	21
	160			0	20.12	20.19	20.35	21
	Inner		1	1	21.27	21.28	21.35	23
			1	158	21.18	21.32	21.34	23
			80	40	21.14	21.14	21.26	23
	CP-OFDM 64QAM		Outer	1	0	19.61	19.73	19.84
		1		159	19.70	19.75	19.79	21
		2		0	19.63	19.66	19.75	21
		2		158	19.67	19.79	19.85	21
		160		0	19.64	19.63	19.76	21
		Inner	1	1	19.65	19.76	19.85	21
			1	158	19.63	19.62	19.76	21
			80	40	19.53	19.71	19.75	21
		CP-OFDM 256QAM	Outer	1	0	16.27	16.33	16.40
	1			159	16.26	16.32	16.40	18
	2			0	16.47	16.55	16.63	18
	2			158	16.46	16.51	16.56	18
	160			0	16.61	16.62	16.79	18
	Inner		1	1	16.30	16.32	16.52	18
			1	158	16.33	16.35	16.40	18
			80	40	16.55	16.60	16.77	18



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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	20.00	20.06	20.17	21
			1	215	20.01	20.03	20.18	21
			2	0	20.33	20.38	20.54	21
			2	214	20.22	20.29	20.38	21
			216	0	20.15	20.30	20.35	21
		Inner	1	1	22.57	22.64	22.77	24
			1	214	22.58	22.70	22.76	24
			108	54	22.53	22.63	22.75	24
		CP-OFDM 16QAM	Outer	1	0	20.25	20.39	20.45
	1			215	20.33	20.35	20.50	21
	2			0	19.89	19.99	20.06	21
	2			214	19.86	19.98	20.03	21
	216			0	20.15	20.25	20.37	21
	Inner		1	1	21.28	21.33	21.43	23
			1	214	21.24	21.35	21.38	23
			108	54	21.16	21.21	21.31	23
	CP-OFDM 64QAM		Outer	1	0	19.67	19.81	19.86
		1		215	19.71	19.77	19.87	21
		2		0	19.70	19.74	19.81	21
		2		214	19.69	19.80	19.89	21
		216		0	19.66	19.71	19.77	21
		Inner	1	1	19.73	19.80	19.90	21
			1	214	19.65	19.70	19.77	21
			108	54	19.61	19.75	19.80	21
		CP-OFDM 256QAM	Outer	1	0	16.30	16.39	16.42
	1			215	16.28	16.39	16.45	18
	2			0	16.53	16.63	16.65	18
	2			214	16.47	16.53	16.64	18
	216			0	16.68	16.70	16.85	18
	Inner		1	1	16.33	16.38	16.54	18
			1	214	16.35	16.42	16.45	18
			108	54	16.61	16.68	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	22.71	22.55	22.77	24
			1	24	22.62	22.41	22.60	24
			2	0	22.76	22.65	22.87	24
			2	23	22.72	22.55	22.73	24
			25	0	22.69	22.63	22.81	24
		Inner	1	1	23.39	23.31	23.47	24
			1	23	23.08	23.00	23.15	24
			12	6	23.27	23.14	23.28	24
		DFT-s-OFDM QPSK	Outer	1	0	23.17	23.06	23.26
	1			24	23.14	23.01	23.22	24
	2			0	23.18	23.03	23.24	24
	2			23	23.11	23.08	23.19	24
	25			0	22.28	22.16	22.39	24
	Inner		1	1	23.27	23.08	23.27	24
			1	23	23.18	23.08	23.24	24
			12	6	23.33	23.18	23.29	24
	DFT-s-OFDM 16QAM		Outer	1	0	21.14	21.08	21.22
		1		24	21.18	21.02	21.23	22
		2		0	21.15	20.95	21.11	22
		2		23	20.93	20.83	21.05	22
		25		0	21.26	21.06	21.26	22
		Inner	1	1	22.38	22.30	22.46	23
			1	23	22.41	22.21	22.42	23
			12	6	22.13	22.12	22.23	23
		DFT-s-OFDM 64QAM	Outer	1	0	20.90	20.77	20.91
	1			24	20.79	20.66	20.81	22
	2			0	20.65	20.54	20.69	22
	2			23	20.62	20.48	20.60	22
	25			0	20.77	20.57	20.75	22
	Inner		1	1	20.90	20.77	20.97	22
			1	23	20.89	20.78	20.85	22
			12	6	20.63	20.52	20.74	22
	DFT-s-OFDM 256QAM		Outer	1	0	20.36	20.21	20.38
		1		24	20.27	20.12	20.35	22
		2		0	20.89	20.73	20.96	22
		2		23	20.85	20.70	20.88	22
25		0		20.66	20.58	20.76	22	
Inner		1	1	20.41	20.29	20.46	22	
		1	23	20.32	20.13	20.42	22	
		12	6	20.66	20.58	20.67	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	22.73	22.59	22.71	24
			1	51	22.58	22.38	22.62	24
			2	0	22.81	22.62	22.89	24
			2	50	22.69	22.55	22.73	24
			50	0	22.73	22.63	22.81	24
		Inner	1	1	23.38	23.26	23.49	24
			1	50	23.07	23.04	23.16	24
			25	12	23.23	23.08	23.35	24
	DFT-s-OFDM QPSK	Outer	1	0	23.17	23.07	23.22	24
			1	51	23.14	23.04	23.25	24
			2	0	23.16	23.06	23.17	24
			2	50	23.11	23.11	23.22	24
			50	0	22.26	22.17	22.37	24
		Inner	1	1	23.27	23.07	23.31	24
			1	50	23.23	23.12	23.18	24
			25	12	23.30	23.17	23.31	24
	DFT-s-OFDM 16QAM	Outer	1	0	21.19	21.15	21.24	22
			1	51	21.15	21.03	21.24	22
			2	0	21.16	21.00	21.11	22
			2	50	20.91	20.84	21.05	22
			50	0	21.27	21.10	21.24	22
		Inner	1	1	22.39	22.29	22.49	23
			1	50	22.39	22.24	22.38	23
			25	12	22.13	22.15	22.23	23
	DFT-s-OFDM 64QAM	Outer	1	0	20.89	20.78	20.92	22
			1	51	20.75	20.71	20.81	22
			2	0	20.64	20.57	20.69	22
			2	50	20.55	20.48	20.63	22
			50	0	20.76	20.53	20.81	22
		Inner	1	1	20.86	20.74	20.95	22
			1	50	20.85	20.77	20.83	22
			25	12	20.64	20.49	20.74	22
	DFT-s-OFDM 256QAM	Outer	1	0	20.33	20.18	20.38	22
			1	51	20.29	20.11	20.35	22
			2	0	20.89	20.75	20.91	22
			2	50	20.83	20.63	20.88	22
			50	0	20.69	20.57	20.76	22
		Inner	1	1	20.42	20.24	20.44	22
			1	50	20.32	20.13	20.41	22
			25	12	20.69	20.54	20.71	22