



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 132072	Mid CH 132322	High CH 132572
				Frequency 1720MHz	Frequency 1745MHz	Frequency 1770MHz
66/ 20	QPSK	1	0	23.39	23.50	23.34
		1	50	<b>23.63</b>	23.60	23.49
		1	99	23.60	23.45	23.43
		50	0	22.58	22.65	22.51
		50	25	22.64	22.63	22.52
		50	50	22.81	22.66	22.56
		100	0	22.67	22.64	22.50
	16QAM	1	0	22.68	22.80	22.60
		1	50	22.80	22.92	22.69
		1	99	22.87	22.77	22.72
		50	0	21.72	21.62	21.50
		50	25	21.63	21.66	21.57
		50	50	21.78	21.64	21.56
		100	0	21.64	21.57	21.48
	64QAM	1	0	21.80	21.69	21.45
		1	50	21.75	21.70	21.66
		1	99	21.72	21.64	21.68
		50	0	20.71	20.88	20.68
		50	25	20.79	20.81	20.67
		50	50	20.94	20.80	20.65
		100	0	20.80	20.73	20.65



**BUREAU  
VERITAS**

**Test Report No.: W7L-240618W001RF08**

**ANT1(DOWN):**

LTE Band 4

Band/BW	Modulation	RB Size	RB Offset	Low CH 19957	Mid CH 20175	High CH 20393
				Frequency 1710.7 MHz	Frequency 1732.5 MHz	Frequency 1754.3 MHz
4/ 1.4	QPSK	1	0	23.80	24.07	24.09
		1	2	24.30	24.35	24.18
		1	5	24.20	24.14	24.11
		3	0	23.84	24.14	24.08
		3	1	23.90	24.03	24.03
		3	3	24.16	24.28	24.03
		6	0	23.20	23.28	23.21
	16QAM	1	0	23.13	23.23	23.29
		1	2	23.40	23.50	23.47
		1	5	23.40	23.34	23.24
		3	0	22.95	22.90	23.02
		3	1	23.04	23.02	23.08
		3	3	22.98	23.08	23.08
		6	0	22.05	22.15	22.26
	64QAM	1	0	22.13	21.99	22.35
		1	2	22.24	22.53	22.47
		1	5	22.42	22.27	22.07
		3	0	22.05	22.17	22.12
		3	1	22.12	22.29	22.20
		3	3	22.15	22.36	22.10
		6	0	21.31	21.31	21.32

Band/BW	Modulation	RB Size	RB Offset	Low CH 19965	Mid CH 20175	High CH 20385
				Frequency 1711.5 MHz	Frequency 1732.5 MHz	Frequency 1753.5 MHz
4/3	QPSK	1	0	23.78	23.98	24.01
		1	7	24.28	24.32	24.20
		1	14	24.12	24.22	24.06
		8	0	22.99	23.28	23.31
		8	3	23.09	23.27	23.22
		8	7	23.30	23.45	23.22
		15	0	23.27	23.18	23.17
	16QAM	1	0	23.16	23.19	23.20
		1	7	23.43	23.58	23.57
		1	14	23.38	23.43	23.23
		8	0	22.28	22.19	22.19
		8	3	22.21	22.18	22.30
		8	7	22.12	22.29	22.29
		15	0	22.15	22.21	22.30
	64QAM	1	0	22.19	22.02	22.28
		1	7	22.27	22.53	22.48
		1	14	22.42	22.17	22.10
		8	0	21.25	21.23	21.41
		8	3	21.35	21.40	21.49
		8	7	21.37	21.46	21.38
		15	0	21.43	21.27	21.37

Band/BW	Modulation	RB Size	RB Offset	Low CH 19975	Mid CH 20175	High CH 20375
				Frequency 1712.5 MHz	Frequency 1732.5 MHz	Frequency 1752.5 MHz
4/5	QPSK	1	0	23.88	24.03	24.03
		1	12	24.21	24.33	24.24
		1	24	24.10	24.13	24.10
		12	0	23.00	23.25	23.29
		12	6	23.17	23.27	23.18
		12	13	23.39	23.49	23.28
		25	0	23.19	23.28	23.19
	16QAM	1	0	23.17	23.24	23.19
		1	12	23.34	23.56	23.53
		1	24	23.45	23.31	23.19
		12	0	22.19	22.19	22.22
		12	6	22.29	22.14	22.29
		12	13	22.11	22.25	22.29
		25	0	22.08	22.10	22.29
	64QAM	1	0	22.18	21.98	22.34
		1	12	22.26	22.39	22.49
		1	24	22.35	22.17	22.12
		12	0	21.25	21.34	21.42
		12	6	21.41	21.37	21.49
		12	13	21.42	21.50	21.39
		25	0	21.40	21.24	21.30

Band/BW	Modulation	RB Size	RB Offset	Low CH 20000	Mid CH 20175	High CH 20350
				Frequency 1715 MHz	Frequency 1732.5 MHz	Frequency 1750 MHz
4/ 10	QPSK	1	0	23.84	24.08	24.09
		1	24	24.29	24.24	24.16
		1	49	24.16	24.25	24.07
		25	0	23.09	23.24	23.25
		25	12	23.19	23.19	23.23
		25	25	23.40	23.39	23.24
		50	0	23.17	23.29	23.26
	16QAM	1	0	23.16	23.23	23.24
		1	24	23.41	23.52	23.60
		1	49	23.38	23.40	23.23
		25	0	22.16	22.18	22.22
		25	12	22.28	22.19	22.23
		25	25	22.23	22.33	22.17
		50	0	22.06	22.18	22.30
	64QAM	1	0	22.22	22.06	22.39
		1	24	22.23	22.52	22.40
		1	49	22.31	22.27	22.08
		25	0	21.26	21.25	21.29
		25	12	21.43	21.40	21.36
		25	25	21.34	21.56	21.36
		50	0	21.36	21.29	21.30

Band/BW	Modulation	RB Size	RB Offset	Low CH 20025	Mid CH 20175	High CH 20325
				Frequency 1717.5 MHz	Frequency 1732.5 MHz	Frequency 1747.5 MHz
4/ 15	QPSK	1	0	23.79	24.03	24.06
		1	37	24.21	24.24	24.13
		1	74	24.21	24.15	24.06
		36	0	23.08	23.22	23.28
		36	19	23.17	23.23	23.12
		36	39	23.29	23.51	23.28
		75	0	23.17	23.22	23.18
	16QAM	1	0	23.16	23.16	23.31
		1	37	23.35	23.55	23.51
		1	74	23.36	23.38	23.26
		36	0	22.15	22.12	22.17
		36	19	22.19	22.19	22.28
		36	39	22.24	22.32	22.27
		75	0	22.13	22.13	22.16
	64QAM	1	0	22.22	22.07	22.31
		1	37	22.17	22.52	22.38
		1	74	22.30	22.21	22.16
		36	0	21.36	21.25	21.40
		36	19	21.29	21.47	21.46
		36	39	21.39	21.43	21.39
		75	0	21.30	21.32	21.38

Band/BW	Modulation	RB Size	RB Offset	Low CH 20050	Mid CH 20175	High CH 20300
				Frequency 1720 MHz	Frequency 1732.5 MHz	Frequency 1745 MHz
4/ 20	QPSK	1	0	23.92	24.12	24.16
		1	50	24.27	<b>24.36</b>	24.27
		1	99	24.23	24.26	24.17
		50	0	23.13	23.37	23.32
		50	25	23.24	23.29	23.27
		50	50	23.43	23.52	23.37
		100	0	23.29	23.33	23.32
	16QAM	1	0	23.22	23.29	23.32
		1	50	23.45	23.62	23.61
		1	99	23.51	23.46	23.28
		50	0	22.29	22.25	22.23
		50	25	22.33	22.25	22.31
		50	50	22.26	22.35	22.31
		100	0	22.20	22.25	22.31
	64QAM	1	0	22.25	22.13	22.41
		1	50	22.29	22.54	22.51
		1	99	22.44	22.32	22.17
		50	0	21.39	21.38	21.43
		50	25	21.44	21.51	21.51
		50	50	21.46	21.57	21.40
		100	0	21.45	21.39	21.44

LTE Band 38

Band/BW	Modulation	RB Size	RB Offset	Low CH 37775	Mid CH 38000	High CH 38225
				Frequency 2572.5 MHz	Frequency 2595 MHz	Frequency 2617.5MHz
38/ 5	QPSK	1	0	23.79	23.86	23.88
		1	12	23.80	23.87	23.91
		1	24	23.68	23.70	23.66
		12	0	22.94	22.96	22.93
		12	6	22.80	22.93	22.84
		12	13	22.80	22.80	22.82
		25	0	22.93	22.91	22.83
	16QAM	1	0	22.87	22.86	22.95
		1	12	22.87	22.91	22.91
		1	24	22.83	22.82	22.77
		12	0	21.90	21.87	21.93
		12	6	21.96	21.95	21.96
		12	13	21.87	21.90	21.82
		25	0	21.86	21.85	21.87
	64QAM	1	0	21.59	21.74	21.87
		1	12	21.89	21.81	21.74
		1	24	21.78	21.85	21.57
		12	0	20.88	20.81	20.82
		12	6	20.92	20.84	20.96
		12	13	20.81	20.70	20.79
		25	0	20.76	20.87	20.89



Band/BW	Modulation	RB Size	RB Offset	Low CH 37800	Mid CH 38000	High CH 38200
				Frequency 2575 MHz	Frequency 2595 MHz	Frequency 2615 MHz
38/ 10	QPSK	1	0	23.71	23.82	23.79
		1	24	23.89	23.84	23.86
		1	49	23.64	23.63	23.74
		25	0	22.85	22.96	22.91
		25	12	22.79	22.85	22.85
		25	25	22.77	22.82	22.92
		50	0	22.89	22.87	22.81
	16QAM	1	0	22.91	22.79	22.88
		1	24	22.86	22.92	22.88
		1	49	22.74	22.83	22.81
		25	0	21.90	21.83	21.90
		25	12	21.95	21.88	21.95
		25	25	21.84	21.77	21.96
		50	0	21.87	21.83	21.97
	64QAM	1	0	21.61	21.75	21.83
		1	24	21.85	21.80	21.71
		1	49	21.78	21.88	21.63
		25	0	20.80	20.81	20.91
		25	12	20.83	20.84	21.01
		25	25	20.78	20.70	20.85
		50	0	20.86	20.79	20.78



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 37825	Mid CH 38000	High CH 38175
				Frequency 2577.5 MHz	Frequency 2595 MHz	Frequency 2612.5MHz
38/ 15	QPSK	1	0	23.83	23.88	23.79
		1	37	23.85	23.90	23.90
		1	74	23.70	23.73	23.66
		36	0	22.81	22.94	22.94
		36	19	22.93	22.81	22.94
		36	39	22.81	22.74	22.90
		75	0	22.94	22.95	22.82
	16QAM	1	0	22.86	22.84	22.90
		1	37	22.92	22.84	22.95
		1	74	22.76	22.78	22.79
		36	0	21.89	21.87	21.89
		36	19	21.94	21.87	21.96
		36	39	21.81	21.84	21.96
		75	0	21.90	21.80	21.93
	64QAM	1	0	21.71	21.77	21.88
		1	37	21.92	21.70	21.70
		1	74	21.80	21.86	21.60
		36	0	20.82	20.73	20.82
		36	19	20.92	20.80	20.97
		36	39	20.83	20.79	20.81
		75	0	20.83	20.88	20.85



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 37850	Mid CH 38000	High CH 38150
				Frequency 2580 MHz	Frequency 2595 MHz	Frequency 2610 MHz
38/ 20	QPSK	1	0	23.86	23.89	23.91
		1	50	23.92	<b>23.99</b>	23.92
		1	99	23.73	23.75	23.76
		50	0	22.96	22.98	22.97
		50	25	22.94	22.96	22.95
		50	50	22.92	22.89	22.94
		100	0	22.95	22.97	22.92
	16QAM	1	0	22.94	22.93	23.00
		1	50	22.96	22.97	23.03
		1	99	22.88	22.87	22.86
		50	0	21.99	21.96	22.01
		50	25	22.02	21.97	22.02
		50	50	21.91	21.92	21.97
		100	0	21.93	21.94	21.98
	64QAM	1	0	21.72	21.85	21.96
		1	50	21.98	21.83	21.77
		1	99	21.81	21.89	21.72
		50	0	20.94	20.86	20.96
		50	25	20.93	20.93	21.04
		50	50	20.87	20.85	20.91
		100	0	20.91	20.91	20.93



**BUREAU  
VERITAS**

**Test Report No.: W7L-240618W001RF08**

LTE Band 41

Band/BW	Modulation	RB Size	RB Offset	Low CH (39675)	Mid CH (40620)	High CH (41565)
				Frequency (2498.5)MHz	Frequency (2593)MHz	Frequency (2687.5)MHz
41/ 5	QPSK	1	0	23.95	23.75	23.70
		1	12	23.93	23.84	23.58
		1	24	23.85	23.64	23.64
		12	0	23.05	22.84	22.79
		12	6	22.95	22.86	22.68
		12	13	23.07	22.93	22.59
		25	0	23.07	22.94	22.74
	16QAM	1	0	22.93	22.86	22.67
		1	12	23.04	22.78	22.81
		1	24	22.94	22.84	22.64
		12	0	21.95	21.81	21.71
		12	6	22.00	21.88	21.80
		12	13	22.00	21.79	21.71
		25	0	22.04	21.84	21.67
	64QAM	1	0	21.67	21.61	21.80
		1	12	21.92	21.68	21.66
		1	24	21.75	21.54	21.62
		12	0	21.00	20.86	20.77
		12	6	21.00	20.80	20.68
		12	13	20.90	20.75	20.64
		25	0	21.03	20.76	20.58



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (39700)	Mid CH (40620)	High CH (41540)
				Frequency (2501)MHz	Frequency (2593)MHz	Frequency (2685)MHz
41/ 10	QPSK	1	0	23.93	23.76	23.65
		1	24	23.97	23.78	23.60
		1	49	23.88	23.76	23.51
		25	0	23.07	22.94	22.83
		25	12	22.99	22.82	22.69
		25	25	22.96	22.89	22.64
		50	0	22.96	22.83	22.78
	16QAM	1	0	22.91	22.85	22.77
		1	24	23.03	22.79	22.71
		1	49	23.04	22.79	22.71
		25	0	21.97	21.85	21.79
		25	12	22.07	21.83	21.76
		25	25	22.07	21.88	21.72
		50	0	22.02	21.90	21.63
	64QAM	1	0	21.71	21.71	21.80
		1	24	21.85	21.64	21.75
		1	49	21.83	21.63	21.58
		25	0	20.99	20.76	20.75
		25	12	20.94	20.89	20.63
		25	25	20.88	20.72	20.60
		50	0	20.97	20.80	20.71



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (39725)	Mid CH (40620)	High CH (41515)
				Frequency (2503.5)MHz	Frequency (2593)MHz	Frequency (2682.5)MHz
41/ 15	QPSK	1	0	24.00	23.86	23.63
		1	37	23.94	23.80	23.58
		1	74	23.90	23.67	23.53
		36	0	23.04	22.90	22.71
		36	19	22.96	22.90	22.67
		36	39	22.97	22.86	22.68
		75	0	23.02	22.94	22.77
	16QAM	1	0	22.98	22.97	22.75
		1	37	23.06	22.87	22.81
		1	74	22.99	22.78	22.75
		36	0	21.96	21.90	21.81
		36	19	22.05	21.93	21.79
		36	39	22.04	21.79	21.63
		75	0	22.03	21.88	21.71
	64QAM	1	0	21.74	21.69	21.75
		1	37	21.83	21.74	21.65
		1	74	21.75	21.51	21.64
		36	0	20.90	20.77	20.73
		36	19	20.90	20.78	20.63
		36	39	20.96	20.72	20.58
		75	0	21.03	20.84	20.63



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (39750)	Mid CH (40620)	High CH (41490)
				Frequency (2506)MHz	Frequency (2593)MHz	Frequency (2680)MHz
41/ 20	QPSK	1	0	<b>24.02</b>	23.90	23.78
		1	50	23.99	23.89	23.73
		1	99	23.92	23.78	23.66
		50	0	23.14	22.97	22.84
		50	25	23.10	22.91	22.81
		50	50	23.08	22.96	22.74
		100	0	23.09	22.95	22.79
	16QAM	1	0	23.06	22.98	22.78
		1	50	23.11	22.91	22.83
		1	99	23.05	22.88	22.76
		50	0	22.05	21.95	21.84
		50	25	22.09	21.94	21.83
		50	50	22.08	21.93	21.73
		100	0	22.07	21.95	21.78
	64QAM	1	0	21.82	21.73	21.85
		1	50	21.98	21.76	21.79
		1	99	21.89	21.64	21.68
		50	0	21.01	20.91	20.81
		50	25	21.04	20.93	20.75
		50	50	21.02	20.87	20.68
		100	0	21.05	20.88	20.73

LTE Band 66

Band/BW	Modulation	RB Size	RB Offset	Low CH 131979	Mid CH 132322	High CH 132665
				Frequency 1710.7MHz	Frequency 1745MHz	Frequency 1779.3MHz
66/ 1.4	QPSK	1	0	24.00	24.30	24.30
		1	2	24.33	24.37	24.35
		1	5	24.38	24.15	24.24
		3	0	24.05	24.14	24.10
		3	1	24.22	24.18	24.13
		3	3	24.18	24.30	24.18
		6	0	23.30	23.46	23.21
	16QAM	1	0	23.41	23.33	23.47
		1	2	23.49	23.54	23.49
		1	5	23.63	23.56	23.53
		3	0	23.27	23.15	23.09
		3	1	23.25	23.28	23.18
		3	3	23.23	23.18	23.03
		6	0	22.32	22.29	22.20
	64QAM	1	0	22.35	22.43	22.26
		1	2	22.39	22.54	22.42
		1	5	22.56	22.41	22.45
		3	0	22.22	22.34	22.19
		3	1	22.27	22.28	22.20
		3	3	22.35	22.24	22.34
		6	0	21.48	21.60	21.34





Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 131987	Mid CH 132322	High CH 132657
				Frequency 1711.5MHz	Frequency 1745MHz	Frequency 1778.5MHz
66/ 3	QPSK	1	0	24.06	24.31	24.30
		1	7	24.44	24.39	24.39
		1	14	24.30	24.16	24.34
		8	0	23.18	23.26	23.34
		8	3	23.44	23.41	23.29
		8	7	23.39	23.50	23.32
		15	0	23.28	23.50	23.34
	16QAM	1	0	23.41	23.40	23.41
		1	7	23.55	23.63	23.49
		1	14	23.73	23.55	23.63
		8	0	22.47	22.29	22.25
		8	3	22.48	22.34	22.33
		8	7	22.38	22.32	22.26
		15	0	22.27	22.33	22.26
	64QAM	1	0	22.40	22.44	22.31
		1	7	22.49	22.58	22.46
		1	14	22.44	22.39	22.39
		8	0	21.32	21.53	21.42
		8	3	21.48	21.51	21.41
		8	7	21.63	21.49	21.46
		15	0	21.50	21.50	21.35



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 131997	Mid CH 132322	High CH 132647
				Frequency 1712.5MHz	Frequency 1745MHz	Frequency 1777.5MHz
66/ 5	QPSK	1	0	24.08	24.35	24.22
		1	12	24.33	24.42	24.34
		1	24	24.30	24.25	24.27
		12	0	23.18	23.28	23.37
		12	6	23.44	23.47	23.32
		12	13	23.45	23.45	23.34
		25	0	23.26	23.40	23.27
	16QAM	1	0	23.37	23.45	23.48
		1	12	23.57	23.60	23.49
		1	24	23.64	23.58	23.55
		12	0	22.44	22.31	22.18
		12	6	22.45	22.35	22.24
		12	13	22.39	22.31	22.34
		25	0	22.24	22.35	22.30
	64QAM	1	0	22.30	22.35	22.25
		1	12	22.35	22.60	22.37
		1	24	22.47	22.32	22.48
		12	0	21.32	21.40	21.35
		12	6	21.50	21.52	21.48
		12	13	21.58	21.43	21.58
		25	0	21.49	21.57	21.44



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 132022	Mid CH 132322	High CH 132622
				Frequency 1715MHz	Frequency 1745MHz	Frequency 1775MHz
66/ 10	QPSK	1	0	24.13	24.33	24.29
		1	24	24.35	24.48	24.36
		1	49	24.37	24.23	24.20
		25	0	23.26	23.28	23.28
		25	12	23.38	23.50	23.27
		25	25	23.34	23.49	23.35
		50	0	23.31	23.44	23.24
	16QAM	1	0	23.37	23.39	23.53
		1	24	23.54	23.60	23.60
		1	49	23.68	23.48	23.57
		25	0	22.39	22.35	22.23
		25	12	22.44	22.34	22.27
		25	25	22.37	22.37	22.28
		50	0	22.28	22.33	22.24
	64QAM	1	0	22.27	22.39	22.25
		1	24	22.40	22.58	22.34
		1	49	22.52	22.33	22.40
		25	0	21.43	21.42	21.39
		25	12	21.49	21.40	21.42
		25	25	21.64	21.50	21.57
		50	0	21.47	21.54	21.33



**Test Report No.: W7L-240618W001RF08**

Band/BW	Modulation	RB Size	RB Offset	Low CH 132047	Mid CH 132322	High CH 132597
				Frequency 1717.5 MHz	Frequency 1745MHz	Frequency 1772.5 MHz
66/ 15	QPSK	1	0	24.00	24.29	24.21
		1	37	24.45	24.40	24.35
		1	74	24.25	24.17	24.26
		36	0	23.19	23.37	23.39
		36	19	23.34	23.46	23.37
		36	39	23.41	23.47	23.28
		75	0	23.29	23.48	23.29
	16QAM	1	0	23.41	23.32	23.48
		1	37	23.57	23.65	23.47
		1	74	23.67	23.54	23.56
		36	0	22.43	22.30	22.22
		36	19	22.34	22.41	22.35
		36	39	22.38	22.35	22.31
		75	0	22.30	22.40	22.30
	64QAM	1	0	22.34	22.39	22.37
		1	37	22.43	22.67	22.44
		1	74	22.54	22.40	22.38
		36	0	21.33	21.41	21.35
		36	19	21.40	21.49	21.39
		36	39	21.55	21.54	21.54
		75	0	21.46	21.54	21.38



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH 132072	Mid CH 132322	High CH 132572
				Frequency 1720MHz	Frequency 1745MHz	Frequency 1770MHz
66/ 20	QPSK	1	0	24.15	24.41	24.33
		1	50	24.46	<b>24.51</b>	24.42
		1	99	24.40	24.27	24.35
		50	0	23.31	23.39	23.40
		50	25	23.45	23.52	23.41
		50	50	23.47	23.56	23.43
		100	0	23.37	23.54	23.36
	16QAM	1	0	23.45	23.46	23.55
		1	50	23.61	23.67	23.61
		1	99	23.75	23.60	23.65
		50	0	22.50	22.44	22.33
		50	25	22.49	22.49	22.39
		50	50	22.51	22.43	22.38
		100	0	22.33	22.41	22.33
	64QAM	1	0	22.42	22.48	22.38
		1	50	22.50	22.69	22.47
		1	99	22.58	22.46	22.50
		50	0	21.45	21.55	21.45
		50	25	21.54	21.54	21.54
		50	50	21.70	21.56	21.60
		100	0	21.55	21.62	21.47



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**Test Report No.: W7L-240618W001RF08**

**ANT2(UP):**

LTE band 42

Band/BW	Modulation	RB Size	RB Offset	Low CH (42115)	Mid CH (42590)	High CH (43065)
				Frequency (3452.5)MHz	Frequency (3500)MHz	Frequency (3547.5)MHz
42/ 5	QPSK	1	0	20.89	20.76	20.83
		1	12	20.99	20.92	20.85
		1	24	20.82	20.78	20.68
		12	0	20.00	19.91	19.85
		12	6	20.07	19.99	19.90
		12	13	20.13	19.82	19.87
		25	0	20.16	19.97	19.82
	16QAM	1	0	20.05	19.93	20.05
		1	12	20.24	19.90	19.83
		1	24	20.01	19.78	19.81
		12	0	19.07	18.96	18.90
		12	6	19.09	18.87	18.99
		12	13	18.98	19.03	18.89
		25	0	19.00	18.85	18.84
	64QAM	1	0	18.63	18.50	18.56
		1	12	18.77	18.55	18.49
		1	24	18.61	18.47	18.32
		12	0	17.97	17.93	17.83
		12	6	17.92	18.00	17.88
		12	13	17.97	17.83	17.72
		25	0	17.88	17.82	17.76



**Test Report No.: W7L-240618W001RF08**

Band/BW	Modulation	RB Size	RB Offset	Low CH (42140)	Mid CH (42590)	High CH (43040)
				Frequency (3455)MHz	Frequency (3500)MHz	Frequency (3545)MHz
42/ 10	QPSK	1	0	20.92	20.80	20.93
		1	24	20.99	20.85	20.85
		1	49	20.85	20.85	20.72
		25	0	19.95	19.99	19.92
		25	12	20.14	20.07	19.96
		25	25	20.06	19.88	19.84
		50	0	20.05	20.03	19.86
	16QAM	1	0	20.09	19.85	19.98
		1	24	20.24	19.96	19.88
		1	49	20.04	19.78	19.89
		25	0	19.08	18.88	18.83
		25	12	19.01	18.87	18.96
		25	25	19.11	19.02	18.92
		50	0	19.01	18.86	18.85
	64QAM	1	0	18.56	18.49	18.56
		1	24	18.71	18.61	18.46
		1	49	18.52	18.55	18.35
		25	0	17.99	17.97	17.81
		25	12	18.03	17.99	17.96
		25	25	17.99	17.83	17.79
		50	0	17.99	17.89	17.81

Band/BW	Modulation	RB Size	RB Offset	Low CH (42165)	Mid CH (42590)	High CH (43015)
				Frequency (3457.5)MHz	Frequency (3500)MHz	Frequency (3542.5)MHz
42/ 15	QPSK	1	0	20.95	20.81	20.88
		1	37	21.04	20.95	20.82
		1	74	20.88	20.85	20.80
		36	0	20.01	19.94	19.92
		36	19	20.13	19.98	19.94
		36	39	20.06	19.92	19.83
		75	0	20.03	19.95	19.90
	16QAM	1	0	20.09	19.95	20.01
		1	37	20.19	19.94	19.87
		1	74	20.03	19.89	19.83
		36	0	19.07	18.96	18.87
		36	19	19.02	18.92	18.97
		36	39	19.04	18.99	18.89
		75	0	18.97	18.89	18.83
	64QAM	1	0	18.59	18.57	18.51
		1	37	18.66	18.57	18.45
		1	74	18.58	18.55	18.36
		36	0	17.96	17.95	17.82
		36	19	17.93	17.90	17.91
		36	39	17.97	17.76	17.80
		75	0	18.01	17.80	17.74





Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (42190)	Mid CH (42590)	High CH (42990)
				Frequency (3460)MHz	Frequency (3500)MHz	Frequency (3540)MHz
42/ 20	QPSK	1	0	20.98	20.89	20.95
		1	50	<b>21.11</b>	21.00	20.97
		1	99	20.89	20.86	20.81
		50	0	20.10	20.03	19.96
		50	25	20.21	20.12	20.02
		50	50	20.15	19.93	19.92
		100	0	20.18	20.04	19.92
	16QAM	1	0	20.17	19.98	20.06
		1	50	20.25	20.04	19.96
		1	99	20.10	19.93	19.95
		50	0	19.21	19.03	18.97
		50	25	19.14	19.01	19.02
		50	50	19.12	19.06	18.99
		100	0	19.09	19.00	18.92
	64QAM	1	0	18.68	18.62	18.63
		1	50	18.80	18.63	18.53
		1	99	18.67	18.60	18.47
		50	0	18.11	18.03	17.89
		50	25	18.05	18.05	17.98
		50	50	18.07	17.90	17.85
		100	0	18.02	17.90	17.87



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**Test Report No.: W7L-240618W001RF08**

**ANT3(UP):**

LTE Band 41

Band/BW	Modulation	RB Size	RB Offset	Low CH (39675)	Mid CH (40620)	High CH (41565)
				Frequency (2498.5)MHz	Frequency (2593)MHz	Frequency (2687.5)MHz
41/ 5	QPSK	1	0	20.07	20.10	20.08
		1	12	20.21	20.12	20.20
		1	24	20.12	20.04	20.13
		12	0	19.09	19.13	19.06
		12	6	19.36	19.19	19.07
		12	13	19.32	19.15	19.09
		25	0	19.44	19.20	19.04
	16QAM	1	0	19.28	19.25	19.24
		1	12	19.24	19.25	19.09
		1	24	19.37	19.08	19.16
		12	0	18.26	18.27	18.10
		12	6	18.38	18.11	18.08
		12	13	18.38	18.15	18.06
		25	0	18.27	18.25	18.11
	64QAM	1	0	18.30	18.38	18.38
		1	12	18.27	18.14	18.29
		1	24	18.29	18.30	18.17
		12	0	17.16	17.28	17.09
		12	6	17.23	17.31	17.06
		12	13	17.19	17.23	17.19
		25	0	17.25	17.17	17.11

Band/BW	Modulation	RB Size	RB Offset	Low CH (39700)	Mid CH (40620)	High CH (41540)
				Frequency (2501)MHz	Frequency (2593)MHz	Frequency (2685)MHz
41/ 10	QPSK	1	0	20.17	20.03	20.12
		1	24	20.22	20.03	20.27
		1	49	20.22	20.10	20.20
		25	0	19.19	19.14	19.09
		25	12	19.35	19.08	19.14
		25	25	19.23	19.17	19.15
		50	0	19.42	19.26	19.15
	16QAM	1	0	19.24	19.24	19.22
		1	24	19.20	19.31	19.06
		1	49	19.33	19.12	19.17
		25	0	18.31	18.29	18.14
		25	12	18.28	18.23	18.10
		25	25	18.38	18.23	18.06
		50	0	18.30	18.20	18.17
	64QAM	1	0	18.32	18.37	18.43
		1	24	18.30	18.17	18.25
		1	49	18.33	18.36	18.08
		25	0	17.21	17.30	17.06
		25	12	17.22	17.28	17.15
		25	25	17.24	17.30	17.14
		50	0	17.27	17.18	17.02

Band/BW	Modulation	RB Size	RB Offset	Low CH (39725)	Mid CH (40620)	High CH (41515)
				Frequency (2503.5)MHz	Frequency (2593)MHz	Frequency (2682.5)MHz
41/ 15	QPSK	1	0	20.07	20.13	20.11
		1	37	20.16	20.09	20.15
		1	74	20.13	20.08	20.22
		36	0	19.23	19.11	19.00
		36	19	19.25	19.18	19.16
		36	39	19.23	19.06	19.05
		75	0	19.40	19.20	19.07
	16QAM	1	0	19.35	19.26	19.15
		1	37	19.26	19.31	19.15
		1	74	19.39	19.07	19.22
		36	0	18.36	18.25	18.10
		36	19	18.37	18.11	18.13
		36	39	18.39	18.22	18.05
		75	0	18.26	18.33	18.05
	64QAM	1	0	18.30	18.33	18.33
		1	37	18.26	18.23	18.30
		1	74	18.26	18.26	18.07
		36	0	17.16	17.32	17.12
		36	19	17.19	17.31	17.14
		36	39	17.20	17.29	17.06
		75	0	17.28	17.24	17.04



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (39750)	Mid CH (40620)	High CH (41490)
				Frequency (2506)MHz	Frequency (2593)MHz	Frequency (2680)MHz
41/ 20	QPSK	1	0	20.22	20.17	20.14
		1	50	<b>20.31</b>	20.16	20.29
		1	99	20.26	20.15	20.28
		50	0	19.24	19.21	19.15
		50	25	19.38	19.26	19.19
		50	50	19.34	19.18	19.17
		100	0	19.48	19.32	19.19
	16QAM	1	0	19.36	19.33	19.29
		1	50	19.35	19.40	19.20
		1	99	19.41	19.13	19.23
		50	0	18.37	18.37	18.22
		50	25	18.43	18.26	18.15
		50	50	18.52	18.24	18.14
		100	0	18.32	18.34	18.18
	64QAM	1	0	18.34	18.39	18.48
		1	50	18.38	18.28	18.40
		1	99	18.37	18.40	18.21
		50	0	17.28	17.36	17.13
		50	25	17.32	17.32	17.20
		50	50	17.29	17.33	17.21
		100	0	17.33	17.31	17.13



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**Test Report No.: W7L-240618W001RF08**

LTE band 42

Band/BW	Modulation	RB Size	RB Offset	Low CH (42115)	Mid CH (42590)	High CH (43065)
				Frequency (3452.5)MHz	Frequency (3500)MHz	Frequency (3547.5)MHz
42/ 5	QPSK	1	0	18.28	18.10	18.19
		1	12	18.29	18.20	18.41
		1	24	18.30	18.11	18.39
		12	0	17.20	17.16	17.33
		12	6	17.22	17.25	17.46
		12	13	17.17	17.25	17.46
		25	0	17.21	17.42	17.46
	16QAM	1	0	17.32	17.23	17.33
		1	12	17.20	17.35	17.39
		1	24	17.36	17.18	17.44
		12	0	16.20	16.29	16.36
		12	6	16.17	16.27	16.40
		12	13	16.15	16.20	16.36
		25	0	16.30	16.17	16.29
	64QAM	1	0	16.13	16.08	16.25
		1	12	16.17	16.17	16.13
		1	24	16.06	16.10	16.15
		12	0	15.24	15.21	15.42
		12	6	15.21	15.22	15.44
		12	13	15.04	15.13	15.35
		25	0	15.21	15.09	15.26



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (42140)	Mid CH (42590)	High CH (43040)
				Frequency (3455)MHz	Frequency (3500)MHz	Frequency (3545)MHz
42/ 10	QPSK	1	0	18.25	18.12	18.26
		1	24	18.36	18.18	18.47
		1	49	18.23	18.12	18.38
		25	0	17.12	17.18	17.22
		25	12	17.23	17.37	17.43
		25	25	17.16	17.21	17.45
		50	0	17.13	17.40	17.56
	16QAM	1	0	17.29	17.32	17.34
		1	24	17.24	17.39	17.38
		1	49	17.37	17.21	17.46
		25	0	16.23	16.24	16.45
		25	12	16.18	16.18	16.45
		25	25	16.09	16.22	16.32
		50	0	16.23	16.23	16.30
	64QAM	1	0	16.19	16.15	16.20
		1	24	16.08	16.24	16.05
		1	49	16.13	16.18	16.11
		25	0	15.32	15.18	15.44
		25	12	15.13	15.12	15.35
		25	25	15.02	15.21	15.31
		50	0	15.20	15.11	15.34



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (42165)	Mid CH (42590)	High CH (43015)
				Frequency (3457.5)MHz	Frequency (3500)MHz	Frequency (3542.5)MHz
42/ 15	QPSK	1	0	18.24	18.16	18.21
		1	37	18.29	18.17	18.44
		1	74	18.21	18.14	18.34
		36	0	17.21	17.25	17.24
		36	19	17.26	17.30	17.33
		36	39	17.14	17.23	17.48
		75	0	17.23	17.51	17.42
	16QAM	1	0	17.27	17.20	17.23
		1	37	17.17	17.28	17.42
		1	74	17.23	17.16	17.40
		36	0	16.23	16.27	16.36
		36	19	16.11	16.19	16.40
		36	39	16.15	16.12	16.28
		75	0	16.19	16.21	16.37
	64QAM	1	0	16.13	16.15	16.18
		1	37	16.19	16.29	16.09
		1	74	16.12	16.15	16.06
		36	0	15.27	15.18	15.33
		36	19	15.21	15.13	15.38
		36	39	15.04	15.10	15.37
		75	0	15.27	15.17	15.33





Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (42190)	Mid CH (42590)	High CH (42990)
				Frequency (3460)MHz	Frequency (3500)MHz	Frequency (3540)MHz
42/ 20	QPSK	1	0	18.34	18.19	18.30
		1	50	18.38	18.24	<b>18.55</b>
		1	99	18.33	18.16	18.47
		50	0	17.24	17.26	17.35
		50	25	17.29	17.40	17.48
		50	50	17.22	17.27	17.50
		100	0	17.26	17.52	17.57
	16QAM	1	0	17.33	17.34	17.36
		1	50	17.26	17.41	17.47
		1	99	17.38	17.27	17.47
		50	0	16.34	16.35	16.46
		50	25	16.26	16.29	16.51
		50	50	16.18	16.25	16.38
		100	0	16.32	16.29	16.42
	64QAM	1	0	16.24	16.16	16.30
		1	50	16.20	16.31	16.15
		1	99	16.18	16.21	16.19
		50	0	15.35	15.25	15.45
		50	25	15.24	15.26	15.49
		50	50	15.15	15.22	15.38
		100	0	15.30	15.19	15.39



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**Test Report No.: W7L-240618W001RF08**

**ANT5(UP):**

LTE band 42

Band/BW	Modulation	RB Size	RB Offset	Low CH (42115)	Mid CH (42590)	High CH (43065)
				Frequency (3452.5)MHz	Frequency (3500)MHz	Frequency (3547.5)MHz
42/ 5	QPSK	1	0	22.25	22.17	22.23
		1	12	22.32	22.30	22.37
		1	24	22.15	22.23	22.16
		12	0	21.35	21.40	21.39
		12	6	21.33	21.40	21.25
		12	13	21.23	21.23	21.26
		25	0	21.37	21.33	21.43
	16QAM	1	0	21.28	21.33	21.22
		1	12	21.47	21.38	21.47
		1	24	21.14	21.20	21.14
		12	0	20.34	20.11	20.13
		12	6	20.38	20.26	20.23
		12	13	20.32	20.39	20.25
		25	0	20.13	20.12	20.18
	64QAM	1	0	20.36	20.15	20.18
		1	12	20.27	20.25	20.31
		1	24	20.17	20.30	20.26
		12	0	19.28	19.30	19.14
		12	6	19.03	19.17	19.19
		12	13	19.37	19.21	19.22
		25	0	19.19	19.10	19.30



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (42140)	Mid CH (42590)	High CH (43040)
				Frequency (3455)MHz	Frequency (3500)MHz	Frequency (3545)MHz
42/ 10	QPSK	1	0	22.30	22.18	22.22
		1	24	22.37	22.33	22.35
		1	49	22.09	22.13	22.20
		25	0	21.29	21.38	21.42
		25	12	21.36	21.43	21.30
		25	25	21.16	21.30	21.33
		50	0	21.30	21.31	21.45
	16QAM	1	0	21.34	21.29	21.10
		1	24	21.45	21.39	21.53
		1	49	21.15	21.18	21.22
		25	0	20.37	20.20	20.21
		25	12	20.31	20.24	20.26
		25	25	20.38	20.31	20.23
		50	0	20.13	20.17	20.24
	64QAM	1	0	20.27	20.25	20.21
		1	24	20.25	20.19	20.26
		1	49	20.15	20.34	20.26
		25	0	19.23	19.28	19.16
		25	12	19.08	19.15	19.17
		25	25	19.34	19.19	19.11
		50	0	19.18	19.18	19.26



**Test Report No.: W7L-240618W001RF08**

Band/BW	Modulation	RB Size	RB Offset	Low CH (42165)	Mid CH (42590)	High CH (43015)
				Frequency (3457.5)MHz	Frequency (3500)MHz	Frequency (3542.5)MHz
42/ 15	QPSK	1	0	22.27	22.14	22.14
		1	37	22.35	22.30	22.41
		1	74	22.05	22.14	22.18
		36	0	21.27	21.41	21.41
		36	19	21.32	21.30	21.34
		36	39	21.23	21.23	21.30
		75	0	21.29	21.26	21.35
	16QAM	1	0	21.22	21.31	21.18
		1	37	21.44	21.39	21.45
		1	74	21.13	21.16	21.21
		36	0	20.39	20.19	20.12
		36	19	20.29	20.20	20.34
		36	39	20.41	20.39	20.26
		75	0	20.09	20.09	20.30
	64QAM	1	0	20.28	20.21	20.16
		1	37	20.24	20.25	20.33
		1	74	20.06	20.28	20.28
		36	0	19.25	19.26	19.21
		36	19	19.14	19.23	19.11
		36	39	19.34	19.24	19.10
		75	0	19.19	19.08	19.32



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (42190)	Mid CH (42590)	High CH (42990)
				Frequency (3460)MHz	Frequency (3500)MHz	Frequency (3540)MHz
42/ 20	QPSK	1	0	22.32	22.25	22.27
		1	50	22.42	22.34	<b>22.47</b>
		1	99	22.19	22.26	22.22
		50	0	21.42	21.48	21.52
		50	25	21.41	21.45	21.35
		50	50	21.29	21.33	21.41
		100	0	21.41	21.34	21.49
	16QAM	1	0	21.36	21.38	21.25
		1	50	21.48	21.40	21.60
		1	99	21.18	21.22	21.28
		50	0	20.44	20.21	20.27
		50	25	20.40	20.34	20.36
		50	50	20.42	20.40	20.28
		100	0	20.24	20.22	20.32
	64QAM	1	0	20.41	20.29	20.24
		1	50	20.31	20.28	20.41
		1	99	20.20	20.42	20.34
		50	0	19.31	19.36	19.25
		50	25	19.15	19.24	19.21
		50	50	19.46	19.27	19.23
		100	0	19.26	19.21	19.35



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Test Report No.: W7L-240618W001RF08

ANT7(UP):  
LTE Band 41

Band/BW	Modulation	RB Size	RB Offset	Low CH (39675)	Mid CH (40620)	High CH (41565)
				Frequency (2498.5)MHz	Frequency (2593)MHz	Frequency (2687.5)MHz
41/ 5	QPSK	1	0	19.19	19.20	19.02
		1	12	19.27	19.26	19.28
		1	24	19.26	19.06	19.19
		12	0	18.17	18.22	18.15
		12	6	18.40	18.25	18.19
		12	13	18.28	18.04	18.07
		25	0	18.40	18.26	18.11
	16QAM	1	0	18.30	18.34	18.23
		1	12	18.35	18.38	18.27
		1	24	18.27	18.16	18.20
		12	0	17.26	17.37	17.18
		12	6	17.40	17.18	17.13
		12	13	17.44	17.32	17.12
		25	0	17.30	17.31	17.21
	64QAM	1	0	17.26	17.33	17.49
		1	12	17.35	17.24	17.36
		1	24	17.31	17.35	17.18
		12	0	16.18	16.31	16.19
		12	6	16.35	16.18	16.16
		12	13	16.31	16.27	16.17
		25	0	16.25	16.19	16.04



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (39700)	Mid CH (40620)	High CH (41540)
				Frequency (2501)MHz	Frequency (2593)MHz	Frequency (2685)MHz
41/ 10	QPSK	1	0	19.21	19.08	19.13
		1	24	19.36	19.18	19.21
		1	49	19.14	19.15	19.15
		25	0	18.17	18.23	18.19
		25	12	18.33	18.30	18.23
		25	25	18.28	18.03	18.09
		50	0	18.35	18.24	18.22
	16QAM	1	0	18.35	18.39	18.25
		1	24	18.31	18.39	18.21
		1	49	18.32	18.22	18.12
		25	0	17.32	17.38	17.19
		25	12	17.39	17.25	17.12
		25	25	17.53	17.28	17.16
		50	0	17.24	17.33	17.10
	64QAM	1	0	17.33	17.31	17.52
		1	24	17.22	17.25	17.36
		1	49	17.27	17.43	17.21
		25	0	16.15	16.39	16.21
		25	12	16.31	16.18	16.08
		25	25	16.31	16.20	16.09
		50	0	16.37	16.19	16.10



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (39725)	Mid CH (40620)	High CH (41515)
				Frequency (2503.5)MHz	Frequency (2593)MHz	Frequency (2682.5)MHz
41/ 15	QPSK	1	0	19.32	19.19	19.07
		1	37	19.29	19.24	19.33
		1	74	19.22	19.08	19.17
		36	0	18.17	18.26	18.12
		36	19	18.31	18.23	18.23
		36	39	18.33	18.11	18.18
		75	0	18.49	18.24	18.23
	16QAM	1	0	18.32	18.37	18.16
		1	37	18.28	18.32	18.14
		1	74	18.35	18.17	18.11
		36	0	17.27	17.36	17.24
		36	19	17.41	17.16	17.10
		36	39	17.43	17.31	17.12
		75	0	17.29	17.25	17.22
	64QAM	1	0	17.23	17.34	17.41
		1	37	17.22	17.23	17.28
		1	74	17.28	17.42	17.30
		36	0	16.20	16.27	16.24
		36	19	16.36	16.26	16.21
		36	39	16.23	16.24	16.04
		75	0	16.31	16.28	16.04



Band/BW	Modulation	RB Size	RB Offset	Low CH (39750)	Mid CH (40620)	High CH (41490)
				Frequency (2506)MHz	Frequency (2593)MHz	Frequency (2680)MHz
41/ 20	QPSK	1	0	19.34	19.23	19.16
		1	50	<b>19.41</b>	19.28	19.35
		1	99	19.29	19.17	19.30
		50	0	18.22	18.30	18.20
		50	25	18.41	18.33	18.28
		50	50	18.38	18.16	18.22
		100	0	18.50	18.36	18.24
	16QAM	1	0	18.38	18.41	18.29
		1	50	18.38	18.42	18.28
		1	99	18.40	18.25	18.21
		50	0	17.39	17.49	17.28
		50	25	17.48	17.28	17.14
		50	50	17.54	17.35	17.26
		100	0	17.35	17.34	17.23
	64QAM	1	0	17.37	17.38	17.53
		1	50	17.37	17.28	17.43
		1	99	17.36	17.50	17.32
		50	0	16.30	16.40	16.25
		50	25	16.39	16.30	16.22
		50	50	16.38	16.33	16.19
		100	0	16.38	16.33	16.11

LTE band 42

Band/BW	Modulation	RB Size	RB Offset	Low CH (42115)	Mid CH (42590)	High CH (43065)
				Frequency (3452.5)MHz	Frequency (3500)MHz	Frequency (3547.5)MHz
42/ 5	QPSK	1	0	20.88	20.64	20.83
		1	12	20.97	20.61	20.95
		1	24	20.86	20.67	20.64
		12	0	19.96	19.77	19.85
		12	6	20.06	19.88	20.01
		12	13	20.00	19.70	19.87
		25	0	19.86	19.67	19.99
	16QAM	1	0	20.05	19.71	20.09
		1	12	20.04	19.94	19.94
		1	24	19.81	19.68	19.85
		12	0	18.91	18.87	19.00
		12	6	18.96	19.08	18.81
		12	13	19.00	18.72	18.85
		25	0	18.97	18.77	18.90
	64QAM	1	0	18.82	18.80	18.82
		1	12	18.75	18.92	18.94
		1	24	18.86	18.75	18.67
		12	0	17.96	17.86	17.89
		12	6	17.97	17.89	17.87
		12	13	17.96	17.76	17.89
		25	0	17.85	17.76	17.83



Test Report No.: W7L-240618W001RF08

Band/BW	Modulation	RB Size	RB Offset	Low CH (42140)	Mid CH (42590)	High CH (43040)
				Frequency (3455)MHz	Frequency (3500)MHz	Frequency (3545)MHz
42/ 10	QPSK	1	0	20.89	20.60	20.83
		1	24	20.88	20.69	20.81
		1	49	20.87	20.58	20.65
		25	0	20.01	19.77	19.78
		25	12	19.97	19.87	19.99
		25	25	19.99	19.64	19.81
		50	0	19.85	19.73	19.95
	16QAM	1	0	20.01	19.69	20.02
		1	24	20.11	19.83	19.85
		1	49	19.87	19.61	19.77
		25	0	19.02	18.77	18.96
		25	12	19.07	19.07	18.92
		25	25	18.94	18.71	18.97
		50	0	18.95	18.71	18.88
	64QAM	1	0	18.74	18.86	18.91
		1	24	18.79	18.81	18.85
		1	49	18.86	18.83	18.68
		25	0	17.88	17.93	17.86
		25	12	17.90	17.86	17.95
		25	25	17.85	17.83	17.92
		50	0	17.87	17.77	17.77



**Test Report No.: W7L-240618W001RF08**

Band/BW	Modulation	RB Size	RB Offset	Low CH (42165)	Mid CH (42590)	High CH (43015)
				Frequency (3457.5)MHz	Frequency (3500)MHz	Frequency (3542.5)MHz
42/ 15	QPSK	1	0	20.90	20.66	20.77
		1	37	20.86	20.61	20.92
		1	74	20.74	20.58	20.70
		36	0	20.03	19.82	19.82
		36	19	20.07	19.92	19.90
		36	39	20.00	19.64	19.91
		75	0	19.81	19.73	19.96
	16QAM	1	0	19.97	19.79	20.06
		1	37	20.00	19.86	19.93
		1	74	19.83	19.60	19.76
		36	0	18.90	18.78	18.99
		36	19	18.97	19.06	18.92
		36	39	19.04	18.66	18.85
		75	0	18.96	18.77	18.96
	64QAM	1	0	18.77	18.86	18.79
		1	37	18.73	18.85	18.92
		1	74	18.79	18.75	18.70
		36	0	17.86	17.82	17.88
		36	19	17.94	17.84	17.86
		36	39	17.94	17.77	17.80
		75	0	17.88	17.75	17.80