

	3707.52	15	1	36	26.63	39.63
			1	37	23.09	36.09
			1	0	23.02	36.02
	3840	15	1	1	27.04	40.04
			1	36	26.93	39.93
			1	37	23.47	36.47
			1	0	23.41	36.41
	3972.48	15	1	1	27.11	40.11
			1	36	27.21	40.21
			1	37	23.69	36.69
			1	0	23.67	36.67
	3710.01	20	1	1	26.58	39.58
			1	49	26.56	39.56
			1	50	23.12	36.12
			1	0	23.00	36.00
	3840	20	1	1	27.02	40.02
			1	49	26.94	39.94
			1	50	23.35	36.35
			1	0	23.44	36.44
	3969.99	20	1	1	27.07	40.07
			1	49	27.16	40.16
			1	50	23.57	36.57
			1	0	23.67	36.67
	3712.5	25	1	1	25.36	38.36
			1	63	25.56	38.56
			1	0	21.77	34.77
			1	64	21.89	34.89
	3840	25	1	1	25.45	38.45
			1	63	25.42	38.42
			1	0	21.82	34.82
			1	64	22.00	35.00
	3967.5	25	1	1	25.68	38.68
			1	63	25.94	38.94
			1	0	22.22	35.22
			1	64	22.22	35.22
	3715.02	30	1	1	26.74	39.74
			1	76	26.57	39.57
			1	77	23.22	36.22
			1	0	23.00	36.00
	3840	30	1	1	26.91	39.91
			1	76	26.87	39.87
			1	77	23.36	36.36

			1	0	23.34	36.34
	3964.98	30	1	1	27.08	40.08
			1	76	27.24	40.24
			1	77	23.56	36.56
			1	0	23.66	36.66
	3720	40	1	1	26.84	39.84
			1	104	26.71	39.71
			1	105	23.24	36.24
			1	0	23.22	36.22
	3840	40	1	1	27.01	40.01
			1	104	26.82	39.82
			1	105	23.49	36.49
			1	0	23.23	36.23
	3960	40	1	1	27.08	40.08
			1	104	27.28	40.28
			1	105	23.52	36.52
			1	0	23.72	36.72
	3725.01	50	1	1	26.42	39.42
			1	131	26.35	39.35
			1	132	22.91	35.91
			1	0	22.83	35.83
	3840	50	1	1	26.69	39.69
			1	131	26.76	39.76
			1	132	23.27	36.27
			1	0	23.31	36.31
	3954.99	50	1	1	26.74	39.74
			1	131	27.04	40.04
			1	132	23.26	36.26
			1	0	23.52	36.52
	3730.02	60	1	1	26.37	39.37
			1	160	26.28	39.28
			1	161	22.85	35.85
			1	0	22.75	35.75
	3840	60	1	1	26.60	39.60
			1	160	26.63	39.63
			1	161	22.95	35.95
			1	0	23.15	36.15
	3949.98	60	1	1	26.58	39.58
			1	160	26.85	39.85
			1	161	23.03	36.03
			1	0	23.23	36.23
			1	1	26.20	39.20

	3735	70	1	187	26.20	39.20
			1	188	22.71	35.71
			1	0	22.72	35.72
	3840	70	1	1	26.35	39.35
			1	187	26.44	39.44
			1	188	22.77	35.77
			1	0	22.82	35.82
	3945	70	1	1	26.84	39.84
			1	187	26.45	39.45
			1	188	23.26	36.26
			1	0	22.94	35.94
	3740.01	80	1	1	26.37	39.37
			1	215	26.13	39.13
			1	216	22.75	35.75
			1	0	22.67	35.67
	3840	80	1	1	26.43	39.43
			1	215	26.49	39.49
			1	216	22.95	35.95
			1	0	22.93	35.93
	3939.99	80	1	1	26.53	39.53
			1	215	26.68	39.68
			1	216	23.08	36.08
			1	0	23.14	36.14
	3745.02	90	1	1	26.42	39.42
			1	243	26.24	39.24
			1	244	22.72	35.72
			1	0	22.54	35.54
	3840	90	1	1	26.41	39.41
			1	243	26.53	39.53
			1	244	22.75	35.75
			1	0	22.80	35.80
	3934.98	90	1	1	26.63	39.63
			1	243	26.80	39.80
			1	244	23.02	36.02
			1	0	23.22	36.22
	3750	100	1	1	26.31	39.31
			1	271	26.08	39.08
			1	272	22.60	35.60
			1	0	22.48	35.48
	3840	100	1	1	26.30	39.30
			1	271	26.47	39.47
			1	272	22.56	35.56

			1	0	22.68	35.68
	3930	100	1	1	26.40	39.40
			1	271	26.76	39.76
			1	272	22.67	35.67
			1	0	23.08	36.08
DFT-s QPSK	3705	10	1	1	26.39	39.39
			1	22	26.52	39.52
			1	23	22.82	35.82
			1	0	22.86	35.86
	3840	10	1	1	26.73	39.73
			1	22	26.61	39.61
			1	23	23.27	36.27
			1	0	23.27	36.27
	3975	10	1	1	27.03	40.03
			1	22	27.03	40.03
			1	23	23.52	36.52
			1	0	23.42	36.42
	3707.52	15	1	1	26.56	39.56
			1	36	26.64	39.64
			1	37	23.07	36.07
			1	0	23.19	36.19
	3840	15	1	1	27.03	40.03
			1	36	27.08	40.08
			1	37	23.56	36.56
			1	0	23.39	36.39
	3972.48	15	1	1	27.17	40.17
			1	36	27.26	40.26
			1	37	23.66	36.66
			1	0	23.82	36.82
	3710.01	20	1	1	26.67	39.67
			1	49	26.56	39.56
			1	50	23.06	36.06
			1	0	23.14	36.14
	3840	20	1	1	26.99	39.99
			1	49	26.88	39.88
			1	50	23.43	36.43
			1	0	23.47	36.47
	3969.99	20	1	1	27.15	40.15
			1	49	27.28	40.28
			1	50	23.58	36.58
			1	0	23.80	36.80
			1	1	25.39	38.39

	3712.5	25	1	63	25.52	38.52
			1	0	21.76	34.76
			1	64	22.06	35.06
	3840	25	1	1	25.41	38.41
			1	63	25.43	38.43
			1	0	21.86	34.86
			1	64	21.93	34.93
	3967.5	25	1	1	25.69	38.69
			1	63	25.82	38.82
			1	0	22.24	35.24
			1	64	22.31	35.31
	3715.02	30	1	1	26.82	39.82
			1	76	26.68	39.68
			1	77	23.07	36.07
			1	0	23.17	36.17
	3840	30	1	1	26.99	39.99
			1	76	26.98	39.98
			1	77	23.41	36.41
			1	0	23.32	36.32
	3964.98	30	1	1	27.06	40.06
			1	76	27.32	40.32
			1	77	23.51	36.51
			1	0	23.73	36.73
	3720	40	1	1	26.81	39.81
			1	104	26.71	39.71
			1	105	23.32	36.32
			1	0	23.29	36.29
	3840	40	1	1	27.07	40.07
			1	104	26.82	39.82
			1	105	23.52	36.52
			1	0	23.44	36.44
	3960	40	1	1	27.08	40.08
			1	104	27.27	40.27
			1	105	23.58	36.58
			1	0	23.89	36.89
	3725.01	50	1	1	26.49	39.49
			1	131	26.38	39.38
			1	132	22.91	35.91
			1	0	22.97	35.97
	3840	50	1	1	26.79	39.79
			1	131	26.72	39.72
			1	132	23.45	36.45

		1	0	23.34	36.34
3954.99	50	1	1	26.79	39.79
		1	131	27.02	40.02
		1	132	23.21	36.21
		1	0	23.55	36.55
3730.02	60	1	1	26.51	39.51
		1	160	26.36	39.36
		1	161	22.82	35.82
		1	0	22.69	35.69
3840	60	1	1	26.59	39.59
		1	160	26.72	39.72
		1	161	23.01	36.01
		1	0	23.02	36.02
3949.98	60	1	1	26.67	39.67
		1	160	26.89	39.89
		1	161	23.02	36.02
		1	0	23.42	36.42
3735	70	1	1	26.18	39.18
		1	187	26.20	39.20
		1	188	22.67	35.67
		1	0	22.61	35.61
3840	70	1	1	26.29	39.29
		1	187	26.40	39.40
		1	188	22.66	35.66
		1	0	22.80	35.80
3945	70	1	1	26.79	39.79
		1	187	26.43	39.43
		1	188	23.25	36.25
		1	0	22.94	35.94
3740.01	80	1	1	26.39	39.39
		1	215	26.16	39.16
		1	216	22.80	35.80
		1	0	22.63	35.63
3840	80	1	1	26.49	39.49
		1	215	26.42	39.42
		1	216	22.86	35.86
		1	0	23.01	36.01
3939.99	80	1	1	26.70	39.70
		1	215	26.81	39.81
		1	216	23.14	36.14
		1	0	23.32	36.32
		1	1	26.44	39.44

	3745.02	90	1	243	26.28	39.28
			1	244	22.78	35.78
			1	0	22.55	35.55
	3840	90	1	1	26.54	39.54
			1	243	26.53	39.53
			1	244	22.83	35.83
			1	0	22.85	35.85
	3934.98	90	1	1	26.72	39.72
			1	243	26.84	39.84
			1	244	22.97	35.97
			1	0	23.31	36.31
	3750	100	1	1	26.30	39.30
			1	271	26.25	39.25
			1	272	22.78	35.78
			1	0	22.48	35.48
	3840	100	1	1	26.33	39.33
			1	271	26.51	39.51
			1	272	22.55	35.55
			1	0	22.81	35.81
	3930	100	1	1	26.43	39.43
			1	271	26.77	39.77
			1	272	22.65	35.65
			1	0	23.09	36.09
DFT-s 16QAM	3705	10	1	1	25.55	38.55
			1	22	25.40	38.40
			1	23	22.78	35.78
			1	0	22.75	35.75
	3840	10	1	1	25.52	38.52
			1	22	25.40	38.40
			1	23	22.82	35.82
			1	0	22.73	35.73
	3975	10	1	1	26.04	39.04
			1	22	26.03	39.03
			1	23	23.36	36.36
			1	0	23.36	36.36
	3707.52	15	1	1	25.45	38.45
			1	36	25.41	38.41
			1	37	22.81	35.81
			1	0	22.84	35.84
	3840	15	1	1	25.74	38.74
			1	36	25.76	38.76
			1	37	23.18	36.18

		1	0	23.13	36.13
3972.48	15	1	1	26.00	39.00
		1	36	26.02	39.02
		1	37	23.51	36.51
		1	0	23.43	36.43
3710.01	20	1	1	25.39	38.39
		1	49	25.34	38.34
		1	50	22.73	35.73
		1	0	22.72	35.72
3840	20	1	1	25.83	38.83
		1	49	25.68	38.68
		1	50	23.04	36.04
		1	0	23.14	36.14
3969.99	20	1	1	25.91	38.91
		1	49	25.93	38.93
		1	50	23.45	36.45
		1	0	23.43	36.43
3712.5	25	1	1	24.24	37.24
		1	63	24.30	37.30
		1	0	21.75	34.75
		1	64	22.05	35.05
3840	25	1	1	24.23	37.23
		1	63	24.34	37.34
		1	0	21.80	34.80
		1	64	21.89	34.89
3967.5	25	1	1	24.72	37.72
		1	63	24.69	37.69
		1	0	22.06	35.06
		1	64	22.23	35.23
3715.02	30	1	1	25.73	38.73
		1	76	25.69	38.69
		1	77	23.26	36.26
		1	0	23.27	36.27
3840	30	1	1	25.96	38.96
		1	76	25.86	38.86
		1	77	23.54	36.54
		1	0	23.45	36.45
3964.98	30	1	1	26.10	39.10
		1	76	26.24	39.24
		1	77	23.60	36.60
		1	0	23.70	36.70
		1	1	25.66	38.66

	3720	40	1	104	25.45	38.45
			1	105	23.05	36.05
			1	0	23.02	36.02
	3840	40	1	1	25.82	38.82
			1	104	25.66	38.66
			1	105	23.21	36.21
			1	0	23.13	36.13
	3960	40	1	1	25.99	38.99
			1	104	26.14	39.14
			1	105	23.16	36.16
			1	0	23.68	36.68
	3725.01	50	1	1	25.34	38.34
			1	131	25.18	38.18
			1	132	22.60	35.60
			1	0	22.66	35.66
	3840	50	1	1	25.55	38.55
			1	131	25.44	38.44
			1	132	23.08	36.08
			1	0	22.99	35.99
	3954.99	50	1	1	25.55	38.55
			1	131	25.83	38.83
			1	132	23.01	36.01
			1	0	23.28	36.28
	3730.02	60	1	1	25.34	38.34
			1	160	25.26	38.26
			1	161	23.15	36.15
			1	0	22.65	35.65
	3840	60	1	1	25.34	38.34
			1	160	25.38	38.38
			1	161	22.62	35.62
			1	0	22.68	35.68
	3949.98	60	1	1	25.43	38.43
			1	160	25.56	38.56
			1	161	22.74	35.74
			1	0	22.86	35.86
	3735	70	1	1	24.93	37.93
			1	187	24.99	37.99
			1	188	22.43	35.43
			1	0	22.51	35.51
	3840	70	1	1	25.24	38.24
			1	187	25.15	38.15
			1	188	22.61	35.61

			1	0	22.69	35.69
			1	1	25.62	38.62
			1	187	25.22	38.22
			1	188	23.12	36.12
			1	0	22.76	35.76
			1	1	25.27	38.27
			1	215	24.96	37.96
			1	216	22.45	35.45
			1	0	22.30	35.30
			1	1	25.34	38.34
			1	215	25.31	38.31
			1	216	22.65	35.65
			1	0	22.49	35.49
			1	1	25.40	38.40
			1	215	25.59	38.59
			1	216	22.85	35.85
			1	0	23.02	36.02
			1	1	25.21	38.21
			1	243	25.02	38.02
			1	244	22.48	35.48
			1	0	22.25	35.25
			1	1	25.20	38.20
			1	243	25.39	38.39
			1	244	22.43	35.43
			1	0	22.60	35.60
			1	1	25.50	38.50
			1	243	25.64	38.64
			1	244	22.85	35.85
			1	0	22.90	35.90
			1	1	25.13	38.13
			1	271	24.92	37.92
			1	272	22.42	35.42
			1	0	22.32	35.32
			1	1	25.12	38.12
			1	271	25.23	38.23
			1	272	22.25	35.25
			1	0	22.48	35.48
			1	1	25.23	38.23
			1	271	25.52	38.52
			1	272	22.40	35.40
			1	0	22.96	35.96
DFT-S			1	1	23.64	36.64

64QAM	3705	10	1	22	23.92	36.92
			1	23	22.64	35.64
			1	0	22.62	35.62
	3840	10	1	1	24.45	37.45
			1	22	24.36	37.36
			1	23	23.27	36.27
			1	0	23.11	36.11
	3975	10	1	1	24.53	37.53
			1	22	24.38	37.38
			1	23	23.23	36.23
			1	0	23.49	36.49
	3707.52	15	1	1	23.94	36.94
			1	36	23.96	36.96
			1	37	23.33	36.33
			1	0	23.34	36.34
	3840	15	1	1	24.34	37.34
			1	36	24.29	37.29
			1	37	23.48	36.48
			1	0	23.39	36.39
	3972.48	15	1	1	24.56	37.56
			1	36	24.61	37.61
			1	37	23.66	36.66
			1	0	24.04	37.04
	3710.01	20	1	1	24.17	37.17
			1	49	24.14	37.14
			1	50	23.00	36.00
			1	0	23.11	36.11
	3840	20	1	1	24.81	37.81
			1	49	24.57	37.57
			1	50	23.65	36.65
			1	0	23.35	36.35
	3969.99	20	1	1	24.72	37.72
			1	49	24.88	37.88
			1	50	23.59	36.59
			1	0	23.57	36.57
	3712.5	25	1	1	22.93	35.93
			1	63	23.01	36.01
			1	0	21.71	34.71
			1	64	22.11	35.11
	3840	25	1	1	22.90	35.90
			1	63	22.97	35.97
			1	0	22.34	35.34

		1	64	22.28	35.28
3967.5	25	1	1	23.16	36.16
		1	63	23.33	36.33
		1	0	22.53	35.53
		1	64	22.59	35.59
3715.02	30	1	1	24.29	37.29
		1	76	24.17	37.17
		1	77	23.31	36.31
		1	0	23.25	36.25
3840	30	1	1	24.54	37.54
		1	76	24.22	37.22
		1	77	23.50	36.50
		1	0	23.15	36.15
3964.98	30	1	1	24.58	37.58
		1	76	24.72	37.72
		1	77	23.69	36.69
		1	0	23.83	36.83
3720	40	1	1	24.28	37.28
		1	104	24.30	37.30
		1	105	23.42	36.42
		1	0	23.54	36.54
3840	40	1	1	24.58	37.58
		1	104	24.21	37.21
		1	105	23.53	36.53
		1	0	23.66	36.66
3960	40	1	1	24.43	37.43
		1	104	24.70	37.70
		1	105	23.54	36.54
		1	0	24.14	37.14
3725.01	50	1	1	24.19	37.19
		1	131	23.99	36.99
		1	132	22.85	35.85
		1	0	22.86	35.86
3840	50	1	1	24.23	37.23
		1	131	24.56	37.56
		1	132	23.16	36.16
		1	0	23.34	36.34
3954.99	50	1	1	24.38	37.38
		1	131	24.62	37.62
		1	132	23.27	36.27
		1	0	23.39	36.39
		1	1	23.67	36.67

	3730.02	60	1	160	23.48	36.48
			1	161	22.73	35.73
			1	0	22.49	35.49
	3840	60	1	1	24.20	37.20
			1	160	24.33	37.33
			1	161	23.07	36.07
			1	0	23.10	36.10
	3949.98	60	1	1	24.27	37.27
			1	160	24.40	37.40
			1	161	23.06	36.06
			1	0	23.26	36.26
	3735	70	1	1	23.99	36.99
			1	187	23.73	36.73
			1	188	22.81	35.81
			1	0	22.86	35.86
	3840	70	1	1	23.83	36.83
			1	187	23.94	36.94
			1	188	22.75	35.75
			1	0	22.82	35.82
	3945	70	1	1	24.52	37.52
			1	187	24.21	37.21
			1	188	23.57	36.57
			1	0	23.17	36.17
	3740.01	80	1	1	24.10	37.10
			1	215	23.80	36.80
			1	216	23.19	36.19
			1	0	23.01	36.01
	3840	80	1	1	24.17	37.17
			1	215	23.94	36.94
			1	216	23.19	36.19
			1	0	23.05	36.05
	3939.99	80	1	1	24.26	37.26
			1	215	24.45	37.45
			1	216	23.31	36.31
			1	0	23.46	36.46
	3745.02	90	1	1	23.83	36.83
			1	243	23.84	36.84
			1	244	22.78	35.78
			1	0	22.74	35.74
	3840	90	1	1	23.94	36.94
			1	243	24.05	37.05
			1	244	22.79	35.79

			1	0	23.29	36.29
	3934.98	90	1	1	24.20	37.20
			1	243	24.32	37.32
			1	244	23.39	36.39
			1	0	23.46	36.46
	3750	100	1	1	24.05	37.05
			1	271	23.67	36.67
			1	272	22.94	35.94
			1	0	22.55	35.55
	3840	100	1	1	23.96	36.96
			1	271	24.04	37.04
			1	272	22.83	35.83
			1	0	22.91	35.91
	3930	100	1	1	24.14	37.14
			1	271	24.37	37.37
			1	272	22.71	35.71
			1	0	23.50	36.50
DFT-s 256QAM	3705	10	1	1	21.83	34.83
			1	22	21.85	34.85
			1	23	21.66	34.66
			1	0	21.95	34.95
	3840	10	1	1	21.99	34.99
			1	22	22.24	35.24
			1	23	22.21	35.21
			1	0	22.12	35.12
	3975	10	1	1	22.37	35.37
			1	22	22.48	35.48
			1	23	22.60	35.60
			1	0	22.58	35.58
	3707.52	15	1	1	22.12	35.12
			1	36	22.23	35.23
			1	37	21.84	34.84
			1	0	22.22	35.22
	3840	15	1	1	22.49	35.49
			1	36	22.40	35.40
			1	37	22.26	35.26
			1	0	22.14	35.14
	3972.48	15	1	1	22.48	35.48
			1	36	22.40	35.40
			1	37	22.67	35.67
			1	0	22.81	35.81
			1	1	21.87	34.87

	3710.01	20	1	49	22.03	35.03
			1	50	21.90	34.90
			1	0	21.99	34.99
	3840	20	1	1	22.63	35.63
			1	49	22.52	35.52
			1	50	22.25	35.25
			1	0	22.17	35.17
	3969.99	20	1	1	22.67	35.67
			1	49	22.64	35.64
			1	50	22.61	35.61
			1	0	22.43	35.43
	3712.5	25	1	1	20.55	33.55
			1	63	20.64	33.64
			1	0	20.43	33.43
			1	64	20.74	33.74
	3840	25	1	1	20.68	33.68
			1	63	20.74	33.74
			1	0	20.45	33.45
			1	64	20.73	33.73
	3967.5	25	1	1	20.79	33.79
			1	63	20.94	33.94
			1	0	20.90	33.90
			1	64	21.15	34.15
	3715.02	30	1	1	22.27	35.27
			1	76	22.07	35.07
			1	77	22.19	35.19
			1	0	22.07	35.07
	3840	30	1	1	22.52	35.52
			1	76	22.32	35.32
			1	77	22.41	35.41
			1	0	22.17	35.17
	3964.98	30	1	1	22.42	35.42
			1	76	22.72	35.72
			1	77	22.40	35.40
			1	0	22.71	35.71
	3720	40	1	1	22.21	35.21
			1	104	22.12	35.12
			1	105	22.36	35.36
			1	0	22.12	35.12
	3840	40	1	1	22.30	35.30
			1	104	22.11	35.11
			1	105	22.39	35.39

		1	0	22.32	35.32
3960	40	1	1	22.59	35.59
		1	104	22.79	35.79
		1	105	22.58	35.58
		1	0	22.79	35.79
3725.01	50	1	1	21.75	34.75
		1	131	21.93	34.93
		1	132	21.87	34.87
		1	0	21.69	34.69
3840	50	1	1	22.06	35.06
		1	131	22.14	35.14
		1	132	22.15	35.15
		1	0	22.27	35.27
3954.99	50	1	1	22.24	35.24
		1	131	22.28	35.28
		1	132	22.12	35.12
		1	0	22.28	35.28
3730.02	60	1	1	21.92	34.92
		1	160	21.64	34.64
		1	161	21.94	34.94
		1	0	21.91	34.91
3840	60	1	1	22.10	35.10
		1	160	21.90	34.90
		1	161	21.94	34.94
		1	0	22.13	35.13
3949.98	60	1	1	22.11	35.11
		1	160	22.34	35.34
		1	161	22.11	35.11
		1	0	22.30	35.30
3735	70	1	1	21.45	34.45
		1	187	21.57	34.57
		1	188	21.47	34.47
		1	0	21.55	34.55
3840	70	1	1	21.61	34.61
		1	187	21.60	34.60
		1	188	21.65	34.65
		1	0	21.84	34.84
3945	70	1	1	22.14	35.14
		1	187	21.96	34.96
		1	188	22.14	35.14
		1	0	21.71	34.71
		1	1	21.74	34.74

	3740.01	80	1	215	21.72	34.72
			1	216	21.79	34.79
			1	0	21.45	34.45
	3840	80	1	1	21.91	34.91
			1	215	21.96	34.96
			1	216	21.76	34.76
			1	0	21.91	34.91
	3939.99	80	1	1	22.14	35.14
			1	215	22.35	35.35
			1	216	22.02	35.02
			1	0	22.23	35.23
	3745.02	90	1	1	21.78	34.78
			1	243	21.73	34.73
			1	244	21.91	34.91
			1	0	21.61	34.61
	3840	90	1	1	21.86	34.86
			1	243	21.89	34.89
			1	244	21.76	34.76
			1	0	21.79	34.79
	3934.98	90	1	1	22.13	35.13
			1	243	22.33	35.33
			1	244	22.02	35.02
			1	0	22.21	35.21
	3750	100	1	1	21.80	34.80
			1	271	21.69	34.69
			1	272	21.72	34.72
			1	0	21.29	34.29
	3840	100	1	1	21.79	34.79
			1	271	21.84	34.84
			1	272	21.60	34.60
			1	0	21.63	34.63
	3930	100	1	1	21.90	34.90
			1	271	22.08	35.08
			1	272	21.52	34.52
			1	0	21.79	34.79
CP QPSK	3705	10	1	1	24.95	37.95
			1	22	24.99	37.99
			1	23	22.82	35.82
			1	0	22.84	35.84
	3840	10	1	1	25.19	38.19
			1	22	25.22	38.22
			1	23	23.24	36.24

		1	0	23.06	36.06
3975	10	1	1	25.54	38.54
		1	22	25.51	38.51
		1	23	23.56	36.56
		1	0	23.58	36.58
3707.52	15	1	1	25.20	38.20
		1	36	25.17	38.17
		1	37	23.12	36.12
		1	0	23.08	36.08
3840	15	1	1	25.62	38.62
		1	36	25.41	38.41
		1	37	23.33	36.33
		1	0	23.39	36.39
3972.48	15	1	1	25.83	38.83
		1	36	25.81	38.81
		1	37	23.68	36.68
		1	0	24.14	37.14
3710.01	20	1	1	25.14	38.14
		1	49	24.97	37.97
		1	50	23.18	36.18
		1	0	23.27	36.27
3840	20	1	1	25.64	38.64
		1	49	25.32	38.32
		1	50	23.65	36.65
		1	0	23.44	36.44
3969.99	20	1	1	25.75	38.75
		1	49	25.61	38.61
		1	50	23.58	36.58
		1	0	23.72	36.72
3712.5	25	1	1	23.96	36.96
		1	63	23.94	36.94
		1	0	21.76	34.76
		1	64	21.93	34.93
3840	25	1	1	23.96	36.96
		1	63	23.99	36.99
		1	0	21.91	34.91
		1	64	22.19	35.19
3967.5	25	1	1	24.33	37.33
		1	63	24.38	37.38
		1	0	22.18	35.18
		1	64	22.49	35.49
		1	1	25.27	38.27

	3715.02	30	1	76	25.13	38.13
			1	77	23.26	36.26
			1	0	23.20	36.20
	3840	30	1	1	25.52	38.52
			1	76	25.39	38.39
			1	77	23.44	36.44
			1	0	23.36	36.36
	3964.98	30	1	1	25.58	38.58
			1	76	25.77	38.77
			1	77	23.60	36.60
			1	0	23.56	36.56
	3720	40	1	1	25.37	38.37
			1	104	25.10	38.10
			1	105	23.31	36.31
			1	0	23.11	36.11
	3840	40	1	1	25.84	38.84
			1	104	25.23	38.23
			1	105	23.52	36.52
			1	0	23.36	36.36
	3960	40	1	1	25.55	38.55
			1	104	25.70	38.70
			1	105	23.54	36.54
			1	0	23.68	36.68
	3725.01	50	1	1	24.98	37.98
			1	131	24.82	37.82
			1	132	23.07	36.07
			1	0	22.95	35.95
	3840	50	1	1	25.35	38.35
			1	131	25.38	38.38
			1	132	23.18	36.18
			1	0	23.29	36.29
	3954.99	50	1	1	25.26	38.26
			1	131	25.41	38.41
			1	132	23.29	36.29
			1	0	23.56	36.56
	3730.02	60	1	1	24.91	37.91
			1	160	24.82	37.82
			1	161	22.80	35.80
			1	0	22.87	35.87
	3840	60	1	1	25.07	38.07
			1	160	25.08	38.08
			1	161	23.16	36.16

		1	0	23.08	36.08
3949.98	60	1	1	25.13	38.13
		1	160	25.28	38.28
		1	161	23.12	36.12
		1	0	23.23	36.23
3735	70	1	1	24.67	37.67
		1	187	24.76	37.76
		1	188	22.78	35.78
		1	0	22.73	35.73
3840	70	1	1	24.84	37.84
		1	187	24.95	37.95
		1	188	22.96	35.96
		1	0	23.08	36.08
3945	70	1	1	25.37	38.37
		1	187	25.10	38.10
		1	188	23.49	36.49
		1	0	23.27	36.27
3740.01	80	1	1	24.91	37.91
		1	215	24.71	37.71
		1	216	22.80	35.80
		1	0	22.57	35.57
3840	80	1	1	24.98	37.98
		1	215	25.02	38.02
		1	216	22.89	35.89
		1	0	22.83	35.83
3939.99	80	1	1	25.19	38.19
		1	215	25.34	38.34
		1	216	22.97	35.97
		1	0	23.19	36.19
3745.02	90	1	1	24.95	37.95
		1	243	24.70	37.70
		1	244	22.75	35.75
		1	0	22.67	35.67
3840	90	1	1	24.85	37.85
		1	243	25.02	38.02
		1	244	22.80	35.80
		1	0	22.95	35.95
3934.98	90	1	1	25.16	38.16
		1	243	25.23	38.23
		1	244	22.74	35.74
		1	0	23.33	36.33
		1	1	24.87	37.87

	3750	100	1	271	24.57	37.57
			1	272	22.64	35.64
			1	0	22.57	35.57
	3840	100	1	1	24.81	37.81
			1	271	24.93	37.93
			1	272	22.60	35.60
			1	0	22.84	35.84
	3930	100	1	1	25.00	38.00
			1	271	25.22	38.22
			1	272	22.74	35.74
			1	0	23.06	36.06
CP 16QAM	3705	10	1	1	24.44	37.44
			1	22	24.50	37.50
			1	23	22.90	35.90
			1	0	22.89	35.89
	3840	10	1	1	25.00	38.00
			1	22	24.72	37.72
			1	23	23.29	36.29
			1	0	23.23	36.23
	3975	10	1	1	25.00	38.00
			1	22	24.96	37.96
			1	23	23.63	36.63
			1	0	23.43	36.43
	3707.52	15	1	1	24.70	37.70
			1	36	24.30	37.30
			1	37	23.11	36.11
			1	0	23.27	36.27
	3840	15	1	1	24.83	37.83
			1	36	24.69	37.69
			1	37	23.62	36.62
			1	0	23.33	36.33
	3972.48	15	1	1	25.18	38.18
			1	36	24.97	37.97
			1	37	23.61	36.61
			1	0	23.85	36.85
	3710.01	20	1	1	24.66	37.66
			1	49	24.67	37.67
			1	50	23.07	36.07
			1	0	22.96	35.96
	3840	20	1	1	24.86	37.86
			1	49	24.78	37.78
			1	50	23.30	36.30

		1	0	23.47	36.47
3969.99	20	1	1	25.20	38.20
		1	49	25.27	38.27
		1	50	23.52	36.52
		1	0	23.52	36.52
3712.5	25	1	1	23.40	36.40
		1	63	23.67	36.67
		1	0	21.99	34.99
		1	64	22.11	35.11
3840	25	1	1	23.65	36.65
		1	63	23.52	36.52
		1	0	21.96	34.96
		1	64	21.95	34.95
3967.5	25	1	1	24.05	37.05
		1	63	23.94	36.94
		1	0	22.35	35.35
		1	64	22.38	35.38
3715.02	30	1	1	24.73	37.73
		1	76	24.53	37.53
		1	77	23.40	36.40
		1	0	23.17	36.17
3840	30	1	1	24.94	37.94
		1	76	24.75	37.75
		1	77	23.45	36.45
		1	0	23.39	36.39
3964.98	30	1	1	25.12	38.12
		1	76	25.30	38.30
		1	77	23.50	36.50
		1	0	23.82	36.82
3720	40	1	1	24.82	37.82
		1	104	24.54	37.54
		1	105	23.44	36.44
		1	0	23.17	36.17
3840	40	1	1	24.81	37.81
		1	104	24.84	37.84
		1	105	23.44	36.44
		1	0	23.41	36.41
3960	40	1	1	24.82	37.82
		1	104	25.08	38.08
		1	105	23.73	36.73
		1	0	23.96	36.96
		1	1	24.48	37.48

	3725.01	50	1	131	24.38	37.38
			1	132	22.71	35.71
			1	0	22.68	35.68
	3840	50	1	1	24.59	37.59
			1	131	24.51	37.51
			1	132	23.05	36.05
			1	0	23.08	36.08
	3954.99	50	1	1	24.80	37.80
			1	131	24.93	37.93
			1	132	23.06	36.06
			1	0	23.51	36.51
	3730.02	60	1	1	24.53	37.53
			1	160	24.55	37.55
			1	161	22.84	35.84
			1	0	22.74	35.74
	3840	60	1	1	24.71	37.71
			1	160	24.65	37.65
			1	161	23.24	36.24
			1	0	23.30	36.30
	3949.98	60	1	1	24.91	37.91
			1	160	24.80	37.80
			1	161	23.15	36.15
			1	0	23.07	36.07
	3735	70	1	1	23.91	36.91
			1	187	24.00	37.00
			1	188	22.46	35.46
			1	0	22.54	35.54
	3840	70	1	1	24.00	37.00
			1	187	24.20	37.20
			1	188	22.59	35.59
			1	0	22.78	35.78
	3945	70	1	1	24.60	37.60
			1	187	24.26	37.26
			1	188	23.27	36.27
			1	0	22.80	35.80
	3740.01	80	1	1	24.15	37.15
			1	215	24.18	37.18
			1	216	22.74	35.74
			1	0	22.71	35.71
	3840	80	1	1	24.44	37.44
			1	215	24.37	37.37
			1	216	22.79	35.79

			1	0	22.99	35.99
	3939.99	80	1	1	24.70	37.70
			1	215	24.67	37.67
			1	216	23.15	36.15
			1	0	23.19	36.19
	3745.02	90	1	1	24.26	37.26
			1	243	23.96	36.96
			1	244	22.84	35.84
			1	0	22.50	35.50
	3840	90	1	1	24.26	37.26
			1	243	24.44	37.44
			1	244	22.97	35.97
			1	0	22.87	35.87
	3934.98	90	1	1	24.48	37.48
			1	243	24.54	37.54
			1	244	23.04	36.04
			1	0	23.37	36.37
	3750	100	1	1	24.11	37.11
			1	271	23.90	36.90
			1	272	22.81	35.81
			1	0	22.38	35.38
	3840	100	1	1	24.30	37.30
			1	271	24.54	37.54
			1	272	22.43	35.43
			1	0	22.90	35.90
	3930	100	1	1	24.35	37.35
			1	271	24.35	37.35
			1	272	22.67	35.67
			1	0	23.21	36.21
CP 64QAM	3705	10	1	1	22.93	35.93
			1	22	23.09	36.09
			1	23	23.03	36.03
			1	0	22.88	35.88
	3840	10	1	1	23.36	36.36
			1	22	23.28	36.28
			1	23	23.34	36.34
			1	0	23.30	36.30
	3975	10	1	1	23.66	36.66
			1	22	23.55	36.55
			1	23	23.52	36.52
			1	0	23.85	36.85
			1	1	23.21	36.21

	3707.52	15	1	36	23.12	36.12
			1	37	23.05	36.05
			1	0	23.09	36.09
	3840	15	1	1	23.44	36.44
			1	36	23.57	36.57
			1	37	23.41	36.41
			1	0	23.62	36.62
	3972.48	15	1	1	23.86	36.86
			1	36	23.91	36.91
			1	37	23.81	36.81
			1	0	23.96	36.96
	3710.01	20	1	1	23.24	36.24
			1	49	23.37	36.37
			1	50	23.12	36.12
			1	0	23.32	36.32
	3840	20	1	1	23.49	36.49
			1	49	23.29	36.29
			1	50	23.56	36.56
			1	0	23.81	36.81
	3969.99	20	1	1	23.79	36.79
			1	49	23.98	36.98
			1	50	23.67	36.67
			1	0	23.72	36.72
	3712.5	25	1	1	21.77	34.77
			1	63	21.94	34.94
			1	0	21.66	34.66
			1	64	21.94	34.94
	3840	25	1	1	21.92	34.92
			1	63	22.00	35.00
			1	0	22.11	35.11
			1	64	22.09	35.09
	3967.5	25	1	1	21.96	34.96
			1	63	22.12	35.12
			1	0	22.01	35.01
			1	64	22.31	35.31
	3715.02	30	1	1	23.42	36.42
			1	76	23.09	36.09
			1	77	23.28	36.28
			1	0	23.13	36.13
	3840	30	1	1	23.56	36.56
			1	76	23.54	36.54
			1	77	23.61	36.61

		1	0	23.79	36.79
3964.98	30	1	1	23.60	36.60
		1	76	23.71	36.71
		1	77	23.55	36.55
		1	0	23.88	36.88
3720	40	1	1	23.43	36.43
		1	104	23.16	36.16
		1	105	23.14	36.14
		1	0	23.04	36.04
3840	40	1	1	23.34	36.34
		1	104	22.98	35.98
		1	105	23.52	36.52
		1	0	23.34	36.34
3960	40	1	1	23.62	36.62
		1	104	23.81	36.81
		1	105	23.60	36.60
		1	0	23.83	36.83
3725.01	50	1	1	22.96	35.96
		1	131	22.94	35.94
		1	132	23.14	36.14
		1	0	22.82	35.82
3840	50	1	1	23.20	36.20
		1	131	23.30	36.30
		1	132	23.37	36.37
		1	0	23.15	36.15
3954.99	50	1	1	23.44	36.44
		1	131	23.58	36.58
		1	132	23.33	36.33
		1	0	23.57	36.57
3730.02	60	1	1	23.12	36.12
		1	160	22.98	35.98
		1	161	22.92	35.92
		1	0	22.77	35.77
3840	60	1	1	23.30	36.30
		1	160	23.33	36.33
		1	161	23.27	36.27
		1	0	23.61	36.61
3949.98	60	1	1	23.30	36.30
		1	160	23.38	36.38
		1	161	23.17	36.17
		1	0	23.38	36.38
		1	1	22.66	35.66

3735	70	1	187	22.71	35.71
		1	188	22.64	35.64
		1	0	22.75	35.75
3840	70	1	1	22.96	35.96
		1	187	22.83	35.83
		1	188	22.74	35.74
		1	0	22.92	35.92
3945	70	1	1	23.33	36.33
		1	187	23.02	36.02
		1	188	23.39	36.39
		1	0	23.12	36.12
3740.01	80	1	1	22.85	35.85
		1	215	22.77	35.77
		1	216	22.82	35.82
		1	0	22.58	35.58
3840	80	1	1	22.90	35.90
		1	215	22.89	35.89
		1	216	22.68	35.68
		1	0	22.73	35.73
3939.99	80	1	1	23.27	36.27
		1	215	23.23	36.23
		1	216	23.24	36.24
		1	0	23.19	36.19
3745.02	90	1	1	22.88	35.88
		1	243	22.74	35.74
		1	244	22.77	35.77
		1	0	22.72	35.72
3840	90	1	1	22.79	35.79
		1	243	22.93	35.93
		1	244	22.58	35.58
		1	0	22.87	35.87
3934.98	90	1	1	22.95	35.95
		1	243	23.14	36.14
		1	244	23.04	36.04
		1	0	22.96	35.96
3750	100	1	1	22.70	35.70
		1	271	22.52	35.52
		1	272	22.52	35.52
		1	0	22.59	35.59
3840	100	1	1	22.59	35.59
		1	271	22.77	35.77
		1	272	22.40	35.40

			1	0	22.84	35.84
	3930	100	1	1	22.70	35.70
			1	271	23.27	36.27
			1	272	22.61	35.61
			1	0	22.84	35.84
CP 256QAM	3705	10	1	1	20.33	33.33
			1	22	20.30	33.30
			1	23	20.39	33.39
			1	0	20.21	33.21
	3840	10	1	1	20.69	33.69
			1	22	20.70	33.70
			1	23	20.63	33.63
			1	0	20.51	33.51
	3975	10	1	1	21.07	34.07
			1	22	21.03	34.03
			1	23	20.85	33.85
			1	0	20.70	33.70
	3707.52	15	1	1	20.39	33.39
			1	36	20.31	33.31
			1	37	20.45	33.45
			1	0	20.28	33.28
	3840	15	1	1	20.91	33.91
			1	36	20.88	33.88
			1	37	20.81	33.81
			1	0	20.79	33.79
	3972.48	15	1	1	21.09	34.09
			1	36	21.09	34.09
			1	37	20.85	33.85
			1	0	21.06	34.06
	3710.01	20	1	1	20.50	33.50
			1	49	20.38	33.38
			1	50	20.51	33.51
			1	0	20.45	33.45
	3840	20	1	1	20.77	33.77
			1	49	20.97	33.97
			1	50	20.75	33.75
			1	0	20.85	33.85
	3969.99	20	1	1	20.81	33.81
			1	49	21.35	34.35
			1	50	20.84	33.84
			1	0	21.32	34.32
			1	1	18.97	31.97

	3712.5	25	1	63	19.03	32.03
			1	0	19.14	32.14
			1	64	19.09	32.09
	3840	25	1	1	19.09	32.09
			1	63	19.07	32.07
			1	0	19.25	32.25
			1	64	19.12	32.12
	3967.5	25	1	1	19.30	32.30
			1	63	19.41	32.41
			1	0	19.29	32.29
			1	64	19.54	32.54
	3715.02	30	1	1	20.43	33.43
			1	76	20.45	33.45
			1	77	20.41	33.41
			1	0	20.47	33.47
	3840	30	1	1	20.71	33.71
			1	76	20.63	33.63
			1	77	20.74	33.74
			1	0	20.67	33.67
	3964.98	30	1	1	20.76	33.76
			1	76	21.12	34.12
			1	77	20.85	33.85
			1	0	21.07	34.07
	3720	40	1	1	20.65	33.65
			1	104	20.48	33.48
			1	105	20.59	33.59
			1	0	20.33	33.33
	3840	40	1	1	20.84	33.84
			1	104	20.89	33.89
			1	105	20.79	33.79
			1	0	20.70	33.70
	3960	40	1	1	20.76	33.76
			1	104	21.12	34.12
			1	105	20.76	33.76
			1	0	21.00	34.00
	3725.01	50	1	1	20.31	33.31
			1	131	20.13	33.13
			1	132	20.25	33.25
			1	0	20.14	33.14
	3840	50	1	1	20.46	33.46
			1	131	20.51	33.51
			1	132	20.56	33.56

			1	0	20.53	33.53
	3954.99	50	1	1	20.67	33.67
			1	131	21.69	34.69
			1	132	20.50	33.50
			1	0	20.80	33.80
	3730.02	60	1	1	20.08	33.08
			1	160	19.98	32.98
			1	161	20.10	33.10
			1	0	20.34	33.34
	3840	60	1	1	20.85	33.85
			1	160	20.41	33.41
			1	161	20.73	33.73
			1	0	20.28	33.28
	3949.98	60	1	1	20.54	33.54
			1	160	20.58	33.58
			1	161	20.37	33.37
			1	0	21.10	34.10
	3735	70	1	1	19.55	32.55
			1	187	19.78	32.78
			1	188	19.43	32.43
			1	0	19.59	32.59
	3840	70	1	1	19.67	32.67
			1	187	19.61	32.61
			1	188	19.77	32.77
			1	0	19.68	32.68
	3945	70	1	1	20.44	33.44
			1	187	19.90	32.90
			1	188	20.24	33.24
			1	0	19.96	32.96
	3740.01	80	1	1	20.18	33.18
			1	215	19.86	32.86
			1	216	20.17	33.17
			1	0	20.21	33.21
	3840	80	1	1	20.22	33.22
			1	215	20.13	33.13
			1	216	20.58	33.58
			1	0	20.08	33.08
	3939.99	80	1	1	20.37	33.37
			1	215	20.59	33.59
			1	216	20.27	33.27
			1	0	20.43	33.43
			1	1	20.10	33.10

	3745.02	90	1	243	19.85	32.85
			1	244	19.93	32.93
			1	0	19.82	32.82
	3840	90	1	1	20.25	33.25
			1	243	20.26	33.26
			1	244	20.09	33.09
			1	0	20.22	33.22
	3934.98	90	1	1	20.33	33.33
			1	243	20.57	33.57
			1	244	20.43	33.43
			1	0	20.41	33.41
	3750	100	1	1	19.94	32.94
			1	271	19.95	32.95
			1	272	19.79	32.79
			1	0	19.62	32.62
	3840	100	1	1	20.25	33.25
			1	271	20.31	33.31
			1	272	19.77	32.77
			1	0	20.06	33.06
	3930	100	1	1	19.96	32.96
			1	271	20.72	33.72
			1	272	20.14	33.14
			1	0	20.54	33.54

NR Band n77/n78_UL MIMO (3450 ~ 3550MHz)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)
				Port 0	Port 3		
DFT-s-OFDM PI/2 BPSK							
10	3455.01	1	1	25.36	24.62	28.02	41.02
		1	22	25.32	24.57	27.97	40.97
		1	0	19.54	18.86	22.22	35.22
		1	23	19.53	18.88	22.23	35.23
10	3500.01	1	1	24.39	24.89	27.66	40.66
		1	22	25.42	24.68	28.08	41.08
		1	0	19.57	18.84	22.23	35.23
		1	23	19.45	18.73	22.12	35.12
10	3544.98	1	1	25.46	24.64	28.08	41.08
		1	22	25.32	24.60	27.99	40.99
		1	0	19.52	18.75	22.16	35.16
		1	23	19.52	18.73	22.15	35.15

15	3457.50	1	1	25.72	24.91	28.34	41.34
		1	36	25.76	24.90	28.36	41.36
		1	0	19.78	19.03	22.43	35.43
		1	37	19.84	19.06	22.48	35.48
15	3500.01	1	1	25.72	24.94	28.36	41.36
		1	36	25.65	24.92	28.31	41.31
		1	0	19.86	19.04	22.48	35.48
		1	37	19.80	19.01	22.43	35.43
15	3542.49	1	1	25.72	24.89	28.34	41.34
		1	36	25.73	24.83	28.31	41.31
		1	0	19.85	19.10	22.50	35.50
		1	37	19.85	18.90	22.41	35.41
20	3460.02	1	1	25.84	25.06	28.48	41.48
		1	49	25.90	25.02	28.49	41.49
		1	0	19.96	19.15	22.58	35.58
		1	50	20.01	19.13	22.60	35.60
20	3500.01	1	1	25.84	25.13	28.51	41.51
		1	49	25.74	25.05	28.42	41.42
		1	0	19.52	18.71	22.14	35.14
		1	50	19.32	18.57	21.97	34.97
20	3540.00	1	1	25.83	25.09	28.49	41.49
		1	49	25.83	24.99	28.44	41.44
		1	0	20.04	19.19	22.65	35.65
		1	50	19.88	19.09	22.51	35.51
25	3462.51	1	1	25.84	25.26	28.57	41.57
		1	63	25.86	25.12	28.52	41.52
		1	0	19.95	19.31	22.65	35.65
		1	64	19.97	19.17	22.60	35.60
25	3500.01	1	1	25.93	25.13	28.56	41.56
		1	63	25.75	25.11	28.45	41.45
		1	0	19.99	19.24	22.64	35.64
		1	64	19.83	19.14	22.51	35.51
25	3537.48	1	1	25.91	25.13	28.55	41.55
		1	63	25.85	25.03	28.47	41.47
		1	0	19.93	19.32	22.65	35.65
		1	64	19.74	19.19	22.48	35.48
30	3465.00	1	1	25.89	25.13	28.54	41.54
		1	76	25.82	25.13	28.50	41.50
		1	0	20.09	19.39	22.76	35.76
		1	77	20.06	19.28	22.70	35.70
30	3500.01	1	1	26.05	25.21	28.66	41.66
		1	76	25.82	25.13	28.50	41.50
		1	0	20.16	19.30	22.76	35.76

30	3534.99	1	77	19.90	19.31	22.63	35.63
		1	1	25.86	25.24	28.57	41.57
		1	76	25.77	25.06	28.44	41.44
		1	0	19.86	19.43	22.66	35.66
40	3470.01	1	77	19.95	19.25	22.62	35.62
		1	1	25.92	25.28	28.62	41.62
		1	104	25.87	25.26	28.59	41.59
		1	0	20.05	19.54	22.81	35.81
40	3500.01	1	105	20.01	19.38	22.72	35.72
		1	1	26.07	25.18	28.66	41.66
		1	104	25.83	25.11	28.50	41.50
		1	0	20.23	19.53	22.90	35.90
40	3529.98	1	105	20.05	19.32	22.71	35.71
		1	1	25.93	25.24	28.61	41.61
		1	104	25.83	25.14	28.51	41.51
		1	0	20.09	19.48	22.81	35.81
50	3475.02	1	105	19.99	19.26	22.65	35.65
		1	1	25.78	25.10	28.46	41.46
		1	131	25.52	24.79	28.18	41.18
		1	0	19.90	19.23	22.59	35.59
50	3500.01	1	132	19.56	18.88	22.24	35.24
		1	1	25.97	25.15	28.59	41.59
		1	131	25.53	24.72	28.15	41.15
		1	0	20.12	19.21	22.70	35.70
50	3525.00	1	132	19.64	18.87	22.28	35.28
		1	1	25.77	24.91	28.37	41.37
		1	131	25.51	24.62	28.10	41.10
		1	0	19.98	19.18	22.61	35.61
60	3480.00	1	132	19.70	18.85	22.31	35.31
		1	1	25.69	24.79	28.27	41.27
		1	160	25.29	24.51	27.93	40.93
		1	0	19.65	18.93	22.32	35.32
60	3500.01	1	161	19.46	18.75	22.13	35.13
		1	1	25.84	24.90	28.41	41.41
		1	160	25.40	24.60	28.03	41.03
		1	0	19.86	18.96	22.44	35.44
60	3519.99	1	161	19.47	18.71	22.12	35.12
		1	1	25.80	24.79	28.33	41.33
		1	160	25.42	24.47	27.98	40.98
		1	0	19.85	18.79	22.36	35.36
70	3485.01	1	161	19.46	18.59	22.06	35.06
		1	1	25.67	24.85	28.29	41.29
		1	187	25.29	24.55	27.95	40.95

RF Test Report							Report
70	3500.01	1	0	19.68	19.14	22.43	35.43
		1	188	19.24	18.53	21.91	34.91
		1	1	25.73	24.86	28.33	41.33
		1	187	25.28	24.49	27.91	40.91
70	3514.98	1	0	19.77	19.04	22.43	35.43
		1	188	19.23	18.55	21.91	34.91
		1	1	25.71	24.84	28.31	41.31
		1	187	25.23	24.40	27.85	40.85
80	3490.02	1	0	19.78	18.96	22.40	35.40
		1	188	19.36	18.51	21.97	34.97
		1	1	25.64	24.77	28.24	41.24
		1	215	25.31	24.52	27.94	40.94
80	3500.01	1	0	19.67	19.09	22.40	35.40
		1	216	19.36	18.58	22.00	35.00
		1	1	25.74	24.90	28.35	41.35
		1	215	25.32	24.50	27.94	40.94
80	3510.00	1	0	19.82	19.02	22.45	35.45
		1	216	19.33	18.60	21.99	34.99
		1	1	25.76	24.75	28.29	41.29
		1	215	25.32	24.50	27.94	40.94
90	3495.00	1	0	19.88	18.87	22.41	35.41
		1	216	19.27	18.51	21.92	34.92
		1	1	25.67	24.73	28.24	41.24
		1	243	25.34	24.54	27.97	40.97
90	3500.01	1	0	19.64	19.05	22.37	35.37
		1	244	19.37	18.64	22.03	35.03
		1	1	25.69	24.91	28.33	41.33
		1	243	25.41	24.58	28.03	41.03
90	3504.99	1	0	19.74	19.02	22.41	35.41
		1	244	19.30	18.73	22.03	35.03
		1	1	25.85	24.97	28.44	41.44
		1	243	25.41	24.55	28.01	41.01
100	3500.01	1	0	19.94	19.07	22.54	35.54
		1	244	19.44	18.69	22.09	35.09
		1	1	25.65	24.95	28.32	41.32
		1	271	25.45	24.65	28.08	41.08
		1	0	19.68	19.03	22.38	35.38
		1	272	19.43	18.62	22.05	35.05
DFT-s-OFDM QPSK							
10	3455.01	1	1	25.39	24.57	28.01	41.01
		1	22	25.32	24.60	27.99	40.99
		1	0	18.94	18.23	21.61	34.61
		1	23	18.95	18.22	21.61	34.61

10	3500.01	1	1	25.41	24.66	28.06	41.06
		1	22	24.37	24.67	27.53	40.53
		1	0	18.98	18.26	21.65	34.65
		1	23	18.90	18.20	21.57	34.57
10	3544.98	1	1	25.41	24.62	28.04	41.04
		1	22	24.35	24.63	27.50	40.50
		1	0	19.05	18.24	21.67	34.67
		1	23	18.95	18.27	21.63	34.63
15	3457.50	1	1	25.73	24.87	28.33	41.33
		1	36	25.77	24.82	28.33	41.33
		1	0	19.26	18.52	21.92	34.92
		1	37	19.32	18.44	21.91	34.91
15	3500.01	1	1	25.77	24.94	28.39	41.39
		1	36	25.74	24.95	28.37	41.37
		1	0	19.36	18.51	21.97	34.97
		1	37	19.19	18.43	21.84	34.84
15	3542.49	1	1	25.65	24.84	28.27	41.27
		1	36	25.78	24.85	28.35	41.35
		1	0	19.29	18.51	21.93	34.93
		1	37	19.13	18.36	21.77	34.77
20	3460.02	1	1	25.92	25.04	28.51	41.51
		1	49	25.89	25.06	28.51	41.51
		1	0	19.42	18.68	22.08	35.08
		1	50	19.47	18.63	22.08	35.08
20	3500.01	1	1	25.90	25.14	28.55	41.55
		1	49	25.74	24.96	28.38	41.38
		1	0	19.44	18.65	22.07	35.07
		1	50	19.26	18.59	21.95	34.95
20	3540.00	1	1	25.84	25.10	28.50	41.50
		1	49	25.80	24.96	28.41	41.41
		1	0	19.52	18.74	22.16	35.16
		1	50	19.40	18.61	22.03	35.03
25	3462.51	1	1	25.84	25.28	28.58	41.58
		1	63	25.87	25.16	28.54	41.54
		1	0	19.29	18.74	22.03	35.03
		1	64	19.43	18.67	22.08	35.08
25	3500.01	1	1	25.93	25.14	28.56	41.56
		1	63	25.79	25.09	28.46	41.46
		1	0	20.40	18.74	22.66	35.66
		1	64	19.25	18.65	21.97	34.97
25	3537.48	1	1	25.87	25.17	28.54	41.54
		1	63	25.78	25.06	28.45	41.45
		1	0	19.39	18.69	22.06	35.06

30	3465.00	1	64	19.20	18.61	21.93	34.93
		1	1	25.97	25.19	28.61	41.61
		1	76	25.86	25.07	28.49	41.49
		1	0	19.47	18.85	22.18	35.18
30	3500.01	1	77	19.42	18.64	22.06	35.06
		1	1	26.04	25.20	28.65	41.65
		1	76	25.87	25.14	28.53	41.53
		1	0	19.70	18.91	22.33	35.33
30	3534.99	1	77	19.37	18.74	22.08	35.08
		1	1	25.90	25.17	28.56	41.56
		1	76	25.80	25.04	28.45	41.45
		1	0	19.57	18.87	22.24	35.24
40	3470.01	1	77	19.39	18.66	22.05	35.05
		1	1	25.98	25.33	28.68	41.68
		1	104	25.82	25.32	28.59	41.59
		1	0	19.59	18.99	22.31	35.31
40	3500.01	1	105	19.49	18.90	22.22	35.22
		1	1	26.13	25.29	28.74	41.74
		1	104	25.83	25.17	28.52	41.52
		1	0	19.70	18.98	22.37	35.37
40	3529.98	1	105	19.40	18.82	22.13	35.13
		1	1	25.83	25.30	28.58	41.58
		1	104	25.84	25.18	28.53	41.53
		1	0	19.48	18.88	22.20	35.20
50	3475.02	1	105	19.44	18.72	22.11	35.11
		1	1	25.78	25.22	28.52	41.52
		1	131	25.43	24.77	28.12	41.12
		1	0	19.34	18.64	22.01	35.01
50	3500.01	1	132	19.05	18.30	21.70	34.70
		1	1	25.91	25.05	28.51	41.51
		1	131	25.57	24.70	28.17	41.17
		1	0	19.52	18.63	22.11	35.11
50	3525.00	1	132	19.10	18.39	21.77	34.77
		1	1	25.74	24.98	28.39	41.39
		1	131	25.51	24.63	28.10	41.10
		1	0	19.40	18.64	22.05	35.05
60	3480.00	1	132	19.16	18.22	21.73	34.73
		1	1	25.68	24.79	28.27	41.27
		1	160	25.33	24.53	27.96	40.96
		1	0	19.17	18.45	21.84	34.84
60	3500.01	1	161	18.85	18.16	21.53	34.53
		1	1	25.74	24.81	28.31	41.31
		1	160	25.34	24.60	28.00	41.00

60	3519.99	1	0	19.31	18.34	21.86	34.86
		1	161	18.86	18.05	21.48	34.48
		1	1	25.71	24.82	28.30	41.30
		1	160	25.43	24.39	27.95	40.95
		1	0	19.24	18.32	21.81	34.81
70	3485.01	1	161	18.98	17.99	21.52	34.52
		1	1	25.66	24.77	28.25	41.25
		1	187	25.20	24.53	27.89	40.89
		1	0	19.12	18.43	21.80	34.80
70	3500.01	1	188	18.71	18.02	21.39	34.39
		1	1	25.83	24.89	28.40	41.40
		1	187	25.26	24.47	27.89	40.89
		1	0	19.16	18.47	21.84	34.84
70	3514.98	1	188	18.81	17.93	21.40	34.40
		1	1	25.68	24.74	28.25	41.25
		1	187	25.22	24.61	27.94	40.94
		1	0	19.26	18.44	21.88	34.88
80	3490.02	1	188	18.82	17.99	21.44	34.44
		1	1	25.68	24.73	28.24	41.24
		1	215	25.28	24.54	27.94	40.94
		1	0	19.15	18.45	21.82	34.82
80	3500.01	1	216	18.73	18.07	21.42	34.42
		1	1	25.79	24.79	28.33	41.33
		1	215	25.37	24.40	27.92	40.92
		1	0	19.24	18.43	21.86	34.86
80	3510.00	1	216	18.87	17.92	21.43	34.43
		1	1	25.70	24.71	28.24	41.24
		1	215	25.33	24.47	27.93	40.93
		1	0	19.27	18.40	21.87	34.87
90	3495.00	1	216	18.79	18.01	21.43	34.43
		1	1	25.62	24.88	28.28	41.28
		1	243	25.34	24.50	27.95	40.95
		1	0	19.15	18.48	21.84	34.84
90	3500.01	1	244	18.91	18.10	21.53	34.53
		1	1	25.71	24.86	28.32	41.32
		1	243	25.36	24.63	28.02	41.02
		1	0	19.18	18.50	21.86	34.86
90	3504.99	1	244	18.90	17.98	21.47	34.47
		1	1	25.84	24.91	28.41	41.41
		1	243	25.42	24.62	28.05	41.05
		1	0	19.42	18.53	22.01	35.01
100	3500.01	1	244	19.10	18.14	21.66	34.66
		1	1	25.68	24.86	28.30	41.30

		1	271	25.47	24.60	28.07	41.07
		1	0	19.14	18.49	21.84	34.84
		1	272	18.86	18.11	21.51	34.51
DFT-s-OFDM 16QAM							
10	3455.01	1	1	24.38	23.65	27.04	40.04
		1	22	24.28	23.57	26.95	39.95
		1	0	18.94	18.06	21.53	34.53
		1	23	18.91	18.23	21.59	34.59
10	3500.01	1	1	24.44	23.61	27.06	40.06
		1	22	24.28	23.45	26.90	39.90
		1	0	18.98	18.22	21.63	34.63
		1	23	18.90	18.04	21.50	34.50
10	3544.98	1	1	24.46	23.57	27.05	40.05
		1	22	24.27	23.51	26.92	39.92
		1	0	19.06	18.25	21.68	34.68
		1	23	18.93	18.11	21.55	34.55
15	3457.50	1	1	24.70	23.89	27.32	40.32
		1	36	24.63	23.70	27.20	40.20
		1	0	19.15	18.36	21.78	34.78
		1	37	19.30	18.49	21.92	34.92
15	3500.01	1	1	24.55	23.78	27.19	40.19
		1	36	24.52	23.81	27.19	40.19
		1	0	19.18	18.48	21.85	34.85
		1	37	19.08	18.34	21.74	34.74
15	3542.49	1	1	24.51	23.82	27.19	40.19
		1	36	24.51	23.66	27.12	40.12
		1	0	19.20	18.38	21.82	34.82
		1	37	19.16	18.33	21.78	34.78
20	3460.02	1	1	24.67	23.88	27.30	40.30
		1	49	24.90	24.05	27.51	40.51
		1	0	19.32	18.52	21.95	34.95
		1	50	19.39	18.60	22.02	35.02
20	3500.01	1	1	24.84	24.07	27.48	40.48
		1	49	24.52	23.95	27.25	40.25
		1	0	19.34	18.54	21.97	34.97
		1	50	19.30	18.50	21.93	34.93
20	3540.00	1	1	24.95	24.14	27.57	40.57
		1	49	24.81	24.05	27.46	40.46
		1	0	19.31	18.57	21.97	34.97
		1	50	19.27	18.44	21.89	34.89
25	3462.51	1	1	24.78	24.16	27.49	40.49
		1	63	24.83	24.15	27.51	40.51
		1	0	19.42	18.78	22.12	35.12

25	3500.01	1	64	19.38	18.61	22.02	35.02
		1	1	24.96	24.06	27.54	40.54
		1	63	24.76	24.06	27.43	40.43
		1	0	19.37	18.75	22.08	35.08
25	3537.48	1	64	19.23	18.53	21.90	34.90
		1	1	24.80	24.00	27.43	40.43
		1	63	24.71	24.04	27.40	40.40
		1	0	19.36	18.69	22.05	35.05
30	3465.00	1	64	19.17	18.39	21.81	34.81
		1	1	24.97	24.28	27.65	40.65
		1	76	24.69	23.97	27.36	40.36
		1	0	19.45	18.82	22.16	35.16
30	3500.01	1	77	19.38	18.72	22.07	35.07
		1	1	24.96	24.20	27.61	40.61
		1	76	24.65	23.95	27.32	40.32
		1	0	19.58	18.87	22.25	35.25
30	3534.99	1	77	19.41	18.71	22.08	35.08
		1	1	24.69	23.99	27.36	40.36
		1	76	24.75	24.09	27.44	40.44
		1	0	19.38	18.85	22.13	35.13
40	3470.01	1	77	19.36	18.54	21.98	34.98
		1	1	24.86	24.28	27.59	40.59
		1	104	24.91	24.26	27.61	40.61
		1	0	19.54	18.96	22.27	35.27
40	3500.01	1	105	19.54	18.95	22.27	35.27
		1	1	25.19	24.27	27.76	40.76
		1	104	24.84	24.21	27.55	40.55
		1	0	19.75	19.02	22.41	35.41
40	3529.98	1	105	19.31	18.71	22.03	35.03
		1	1	24.98	24.26	27.65	40.65
		1	104	24.74	24.14	27.46	40.46
		1	0	19.62	18.91	22.29	35.29
50	3475.02	1	105	19.56	18.83	22.22	35.22
		1	1	24.60	23.81	27.23	40.23
		1	131	24.47	23.67	27.10	40.10
		1	0	19.23	18.57	21.92	34.92
50	3500.01	1	132	18.99	18.31	21.67	34.67
		1	1	24.95	24.02	27.52	40.52
		1	131	24.32	23.52	26.95	39.95
		1	0	19.60	18.70	22.18	35.18
50	3525.00	1	132	19.21	18.31	21.79	34.79
		1	1	24.53	23.82	27.20	40.20
		1	131	24.50	23.65	27.11	40.11

60	3480.00	1	0	19.26	18.46	21.89	34.89
		1	132	19.03	18.19	21.64	34.64
		1	1	24.66	23.76	27.24	40.24
		1	160	24.18	23.40	26.82	39.82
		1	0	19.10	18.31	21.73	34.73
60	3500.01	1	161	18.76	17.97	21.39	34.39
		1	1	24.68	23.78	27.26	40.26
		1	160	24.36	23.34	26.89	39.89
		1	0	19.23	18.29	21.80	34.80
		1	161	18.87	18.01	21.47	34.47
60	3519.99	1	1	24.72	23.77	27.28	40.28
		1	160	24.34	23.40	26.91	39.91
		1	0	19.19	18.25	21.76	34.76
		1	161	18.85	17.96	21.44	34.44
		1	1	24.53	23.78	27.18	40.18
70	3485.01	1	187	24.26	23.51	26.91	39.91
		1	0	19.04	18.30	21.70	34.70
		1	188	18.68	17.97	21.35	34.35
		1	1	24.81	23.73	27.31	40.31
		1	187	24.04	23.25	26.67	39.67
70	3500.01	1	0	19.22	18.41	21.84	34.84
		1	188	18.82	17.97	21.43	34.43
		1	1	24.61	23.76	27.22	40.22
		1	187	24.18	23.32	26.78	39.78
		1	0	19.19	18.28	21.77	34.77
70	3514.98	1	188	18.66	17.91	21.31	34.31
		1	1	24.69	23.75	27.26	40.26
		1	215	24.02	23.23	26.65	39.65
		1	0	19.15	18.55	21.87	34.87
		1	216	18.74	18.11	21.45	34.45
80	3490.02	1	1	24.74	23.78	27.30	40.30
		1	215	24.38	23.49	26.97	39.97
		1	0	19.18	18.32	21.78	34.78
		1	216	18.84	17.96	21.43	34.43
		1	1	24.69	23.70	27.23	40.23
80	3500.01	1	215	24.28	23.33	26.84	39.84
		1	0	19.20	18.30	21.78	34.78
		1	216	18.69	17.86	21.31	34.31
		1	1	24.63	23.81	27.25	40.25
		1	243	24.36	23.58	27.00	40.00
80	3510.00	1	0	19.03	18.25	21.67	34.67
		1	244	18.82	18.01	21.44	34.44
		1	1	24.87	23.82	27.39	40.39
90	3495.00	1	1	24.87	23.82	27.39	40.39
		1	1	24.87	23.82	27.39	40.39
		1	1	24.87	23.82	27.39	40.39
		1	1	24.87	23.82	27.39	40.39
		1	1	24.87	23.82	27.39	40.39
90	3500.01	1	1	24.87	23.82	27.39	40.39
		1	1	24.87	23.82	27.39	40.39
		1	1	24.87	23.82	27.39	40.39
		1	1	24.87	23.82	27.39	40.39
		1	1	24.87	23.82	27.39	40.39

RF Test Report				Report			
90	3504.99	1	243	24.35	23.56	26.98	39.98
		1	0	19.11	18.43	21.79	34.79
		1	244	18.83	18.06	21.47	34.47
		1	1	24.71	23.82	27.30	40.30
		1	243	24.31	23.45	26.91	39.91
		1	0	19.61	18.37	22.04	35.04
100	3500.01	1	244	19.10	18.22	21.69	34.69
		1	1	24.62	23.79	27.24	40.24
		1	271	24.31	23.58	26.97	39.97
		1	0	19.15	18.40	21.80	34.80
		1	272	18.80	18.06	21.46	34.46
DFT-s-OFDM 64QAM							
10	3455.01	1	1	22.63	21.79	25.24	38.24
		1	22	22.45	21.77	25.13	38.13
		1	0	19.09	18.33	21.74	34.74
		1	23	18.90	18.21	21.58	34.58
10	3500.01	1	1	22.66	21.86	25.29	38.29
		1	22	22.53	21.97	25.27	38.27
		1	0	19.10	18.38	21.77	34.77
		1	23	19.01	18.33	21.69	34.69
10	3544.98	1	1	22.45	21.66	25.08	38.08
		1	22	22.52	21.75	25.16	38.16
		1	0	19.08	18.28	21.71	34.71
		1	23	19.13	18.36	21.77	34.77
15	3457.50	1	1	22.79	22.13	25.48	38.48
		1	36	22.89	21.99	25.47	38.47
		1	0	19.16	18.37	21.79	34.79
		1	37	19.33	18.37	21.89	34.89
15	3500.01	1	1	22.81	22.03	25.45	38.45
		1	36	22.82	22.08	25.48	38.48
		1	0	19.58	18.78	22.21	35.21
		1	37	19.34	18.73	22.06	35.06
15	3542.49	1	1	22.73	22.02	25.40	38.40
		1	36	22.75	21.95	25.38	38.38
		1	0	19.57	18.88	22.25	35.25
		1	37	19.24	18.39	21.85	34.85
20	3460.02	1	1	22.89	22.08	25.51	38.51
		1	49	23.10	22.15	25.66	38.66
		1	0	19.41	18.64	22.05	35.05
		1	50	19.35	18.50	21.96	34.96
20	3500.01	1	1	22.88	22.14	25.54	38.54
		1	49	22.77	22.16	25.49	38.49
		1	0	19.37	18.51	21.97	34.97

20	3540.00	1	50	19.25	18.49	21.90	34.90
		1	1	22.82	22.17	25.52	38.52
		1	49	23.01	22.23	25.65	38.65
		1	0	19.42	18.61	22.04	35.04
25	3462.51	1	50	19.21	18.39	21.83	34.83
		1	1	22.78	22.21	25.51	38.51
		1	63	22.87	22.17	25.54	38.54
		1	0	19.51	18.84	22.20	35.20
25	3500.01	1	64	19.56	18.74	22.18	35.18
		1	1	22.82	22.05	25.46	38.46
		1	63	22.80	22.06	25.46	38.46
		1	0	19.74	19.12	22.45	35.45
25	3537.48	1	64	19.25	18.73	22.01	35.01
		1	1	22.70	22.23	25.48	38.48
		1	63	22.68	21.98	25.35	38.35
		1	0	19.30	18.75	22.04	35.04
30	3465.00	1	64	19.43	18.85	22.16	35.16
		1	1	23.04	22.34	25.71	38.71
		1	76	23.20	22.45	25.85	38.85
		1	0	19.45	18.81	22.15	35.15
30	3500.01	1	77	19.56	18.72	22.17	35.17
		1	1	23.14	22.35	25.77	38.77
		1	76	22.96	22.27	25.64	38.64
		1	0	19.71	19.02	22.39	35.39
30	3534.99	1	77	19.44	18.79	22.14	35.14
		1	1	23.08	22.35	25.74	38.74
		1	76	22.96	22.30	25.65	38.65
		1	0	19.49	18.85	22.19	35.19
40	3470.01	1	77	19.27	18.54	21.93	34.93
		1	1	23.02	22.36	25.71	38.71
		1	104	23.08	22.40	25.76	38.76
		1	0	19.63	19.01	22.34	35.34
40	3500.01	1	105	19.49	18.94	22.23	35.23
		1	1	23.20	22.37	25.82	38.82
		1	104	23.03	22.29	25.69	38.69
		1	0	19.89	19.14	22.54	35.54
40	3529.98	1	105	19.33	18.71	22.04	35.04
		1	1	23.11	22.50	25.83	38.83
		1	104	23.03	22.42	25.75	38.75
		1	0	19.53	18.83	22.20	35.20
50	3475.02	1	105	19.39	18.74	22.09	35.09
		1	1	22.96	22.32	25.66	38.66
		1	131	22.76	21.94	25.38	38.38

50	3500.01	1	0	19.27	18.65	21.98	34.98
		1	132	18.95	18.24	21.62	34.62
		1	1	23.18	22.35	25.80	38.80
		1	131	22.64	21.89	25.29	38.29
		1	0	19.54	18.63	22.12	35.12
50	3525.00	1	132	19.05	18.35	21.72	34.72
		1	1	23.07	22.23	25.68	38.68
		1	131	22.54	21.72	25.16	38.16
60	3480.00	1	0	19.38	18.59	22.01	35.01
		1	132	19.25	18.38	21.85	34.85
		1	1	22.85	21.92	25.42	38.42
		1	160	22.46	21.67	25.09	38.09
		1	0	19.21	18.38	21.83	34.83
60	3500.01	1	161	18.85	18.04	21.47	34.47
		1	1	23.05	22.11	25.62	38.62
		1	160	22.56	21.67	25.15	38.15
		1	0	19.23	18.20	21.76	34.76
		1	161	18.82	17.98	21.43	34.43
60	3519.99	1	1	22.78	21.85	25.35	38.35
		1	160	22.55	21.48	25.06	38.06
		1	0	19.50	18.65	22.11	35.11
		1	161	19.04	18.02	21.57	34.57
		1	1	22.93	21.90	25.46	38.46
70	3485.01	1	187	22.41	21.72	25.09	38.09
		1	0	19.28	18.37	21.86	34.86
		1	188	18.78	18.08	21.45	34.45
		1	1	22.92	21.96	25.48	38.48
		1	187	22.56	21.65	25.14	38.14
70	3500.01	1	0	19.14	18.34	21.77	34.77
		1	188	18.82	18.01	21.44	34.44
		1	1	22.82	21.87	25.38	38.38
		1	187	22.48	21.65	25.10	38.10
		1	0	19.11	18.34	21.75	34.75
70	3514.98	1	188	18.68	17.87	21.30	34.30
		1	1	22.69	21.96	25.35	38.35
		1	215	22.50	21.63	25.10	38.10
		1	0	18.99	18.37	21.70	34.70
		1	216	18.69	17.98	21.36	34.36
80	3490.02	1	1	22.98	22.10	25.57	38.57
		1	215	22.35	21.55	24.98	37.98
		1	0	19.48	18.58	22.06	35.06
		1	216	19.04	18.21	21.66	34.66
		1	1	22.84	21.92	25.41	38.41
80	3510.00	1	1	22.84	21.92	25.41	38.41

RF Test Report				Report			
90	3495.00	1	215	22.25	21.51	24.91	37.91
		1	0	19.52	18.68	22.13	35.13
		1	216	19.09	18.25	21.70	34.70
		1	1	22.71	22.00	25.38	38.38
		1	243	22.50	21.64	25.10	38.10
		1	0	19.20	18.49	21.87	34.87
90	3500.01	1	244	19.14	18.37	21.78	34.78
		1	1	22.96	22.08	25.55	38.55
		1	243	22.58	21.84	25.24	38.24
		1	0	19.25	18.53	21.92	34.92
90	3504.99	1	244	18.86	18.07	21.49	34.49
		1	1	23.02	22.04	25.57	38.57
		1	243	22.58	21.68	25.16	38.16
		1	0	19.46	18.62	22.07	35.07
100	3500.01	1	244	19.10	18.12	21.65	34.65
		1	1	22.81	21.97	25.42	38.42
		1	271	22.50	21.61	25.09	38.09
		1	0	19.36	18.70	22.05	35.05
		1	272	18.96	18.23	21.62	34.62
DFT-s-OFDM 256QAM							
10	3455.01	1	1	20.07	19.36	22.74	35.74
		1	22	20.10	19.45	22.80	35.80
		1	0	19.09	18.39	21.76	34.76
		1	23	19.04	18.40	21.74	34.74
10	3500.01	1	1	20.18	18.51	22.44	35.44
		1	22	20.54	19.59	23.10	36.10
		1	0	19.09	18.46	21.80	34.80
		1	23	18.99	18.44	21.73	34.73
10	3544.98	1	1	20.10	19.48	22.81	35.81
		1	22	20.10	19.45	22.80	35.80
		1	0	19.21	18.54	21.90	34.90
		1	23	19.04	18.38	21.73	34.73
15	3457.50	1	1	20.30	19.63	22.99	35.99
		1	36	20.45	19.81	23.15	36.15
		1	0	18.37	18.58	21.49	34.49
		1	37	19.30	18.48	21.92	34.92
15	3500.01	1	1	20.24	19.46	22.88	35.88
		1	36	20.17	19.42	22.82	35.82
		1	0	19.21	18.42	21.84	34.84
		1	37	19.34	18.53	21.96	34.96
15	3542.49	1	1	20.27	19.50	22.91	35.91
		1	36	20.34	19.52	22.96	35.96
		1	0	19.23	18.44	21.86	34.86

20	3460.02	1	37	19.33	18.47	21.93	34.93
		1	1	20.25	19.46	22.88	35.88
		1	49	20.52	19.70	23.14	36.14
		1	0	19.17	18.48	21.85	34.85
20	3500.01	1	50	19.32	18.46	21.92	34.92
		1	1	20.58	19.81	23.22	36.22
		1	49	20.51	19.74	23.15	36.15
		1	0	19.57	18.83	22.23	35.23
20	3540.00	1	50	19.44	18.70	22.10	35.10
		1	1	20.43	19.71	23.10	36.10
		1	49	20.47	19.66	23.09	36.09
		1	0	19.58	18.76	22.20	35.20
25	3462.51	1	50	19.25	18.40	21.86	34.86
		1	1	20.60	19.88	23.27	36.27
		1	63	20.36	19.58	23.00	36.00
		1	0	19.46	18.91	22.20	35.20
25	3500.01	1	64	19.59	18.73	22.19	35.19
		1	1	20.51	19.86	23.21	36.21
		1	63	20.24	19.66	22.97	35.97
		1	0	19.44	18.89	22.18	35.18
25	3537.48	1	64	19.11	18.58	21.86	34.86
		1	1	20.45	19.83	23.16	36.16
		1	63	20.37	19.66	23.04	36.04
		1	0	19.65	18.93	22.32	35.32
30	3465.00	1	64	19.21	18.56	21.91	34.91
		1	1	20.47	19.89	23.20	36.20
		1	76	20.41	19.73	23.09	36.09
		1	0	19.55	18.89	22.24	35.24
30	3500.01	1	77	19.52	18.75	22.16	35.16
		1	1	20.71	20.09	23.42	36.42
		1	76	20.48	19.82	23.17	36.17
		1	0	19.42	18.74	22.10	35.10
30	3534.99	1	77	19.39	18.82	22.12	35.12
		1	1	20.60	20.04	23.34	36.34
		1	76	20.44	19.74	23.11	36.11
		1	0	19.32	18.79	22.07	35.07
40	3470.01	1	77	19.17	18.57	21.89	34.89
		1	1	20.47	19.86	23.19	36.19
		1	104	20.28	19.79	23.05	36.05
		1	0	19.48	18.86	22.19	35.19
40	3500.01	1	105	19.40	18.77	22.11	35.11
		1	1	20.61	19.82	23.24	36.24
		1	104	20.35	19.73	23.06	36.06

40	3529.98	1	0	19.79	19.09	22.46	35.46
		1	105	19.51	18.88	22.22	35.22
		1	1	20.36	19.81	23.10	36.10
		1	104	20.39	19.68	23.06	36.06
		1	0	19.57	19.03	22.32	35.32
50	3475.02	1	105	19.30	18.65	22.00	35.00
		1	1	20.50	19.85	23.20	36.20
		1	131	20.30	19.49	22.92	35.92
		1	0	19.30	18.60	21.97	34.97
50	3500.01	1	132	19.20	18.47	21.86	34.86
		1	1	20.61	19.67	23.18	36.18
		1	131	20.19	19.40	22.82	35.82
		1	0	19.72	18.75	22.27	35.27
50	3525.00	1	132	19.05	18.20	21.66	34.66
		1	1	20.19	19.32	22.79	35.79
		1	131	20.18	19.26	22.75	35.75
		1	0	19.26	18.53	21.92	34.92
60	3480.00	1	132	19.20	18.42	21.84	34.84
		1	1	20.43	19.56	23.03	36.03
		1	160	20.03	19.31	22.70	35.70
		1	0	19.36	18.55	21.98	34.98
60	3500.01	1	161	19.05	18.26	21.68	34.68
		1	1	20.46	19.43	22.99	35.99
		1	160	20.09	19.03	22.60	35.60
		1	0	19.37	18.50	21.97	34.97
60	3519.99	1	161	19.06	18.05	21.59	34.59
		1	1	20.18	19.14	22.70	35.70
		1	160	20.13	19.18	22.69	35.69
		1	0	19.14	18.26	21.73	34.73
70	3485.01	1	161	19.15	18.13	21.68	34.68
		1	1	20.26	19.45	22.88	35.88
		1	187	19.59	19.03	22.33	35.33
		1	0	19.22	18.52	21.89	34.89
70	3500.01	1	188	18.51	17.92	21.24	34.24
		1	1	20.38	19.44	22.95	35.95
		1	187	19.66	18.81	22.27	35.27
		1	0	19.28	18.37	21.86	34.86
70	3514.98	1	188	18.87	18.14	21.53	34.53
		1	1	20.17	19.20	22.72	35.72
		1	187	19.73	18.77	22.29	35.29
		1	0	19.33	18.52	21.95	34.95
80	3490.02	1	188	18.67	17.80	21.27	34.27
		1	1	20.25	19.42	22.87	35.87

RF Test Report			Report				
80	3500.01	1	215	20.01	19.21	22.64	35.64
		1	0	19.41	18.58	22.03	35.03
		1	216	19.02	18.16	21.62	34.62
		1	1	20.31	19.37	22.88	35.88
		1	215	19.86	19.07	22.49	35.49
		1	0	19.19	18.35	21.80	34.80
80	3510.00	1	216	19.06	18.11	21.62	34.62
		1	1	20.22	19.27	22.78	35.78
		1	215	19.80	18.84	22.36	35.36
90	3495.00	1	0	19.25	18.31	21.82	34.82
		1	216	18.71	17.83	21.30	34.30
		1	1	20.17	19.31	22.77	35.77
		1	243	19.94	19.08	22.54	35.54
90	3500.01	1	0	19.09	18.34	21.74	34.74
		1	244	18.94	18.25	21.62	34.62
		1	1	20.40	19.47	22.97	35.97
		1	243	20.06	19.11	22.62	35.62
90	3504.99	1	0	19.33	18.55	21.97	34.97
		1	244	18.89	18.02	21.49	34.49
		1	1	20.49	19.53	23.05	36.05
		1	243	20.04	19.24	22.67	35.67
100	3500.01	1	0	19.38	18.60	22.02	35.02
		1	244	19.02	18.25	21.66	34.66
		1	1	20.27	19.45	22.89	35.89
		1	271	20.01	19.17	22.62	35.62
		1	0	19.25	18.45	21.88	34.88
		1	272	18.98	18.20	21.62	34.62
CP OFDM QPSK							
10	3455.01	1	1	24.29	23.55	26.95	39.95
		1	22	24.44	23.56	27.03	40.03
		1	0	19.46	18.64	22.08	35.08
		1	23	19.36	18.74	22.07	35.07
10	3500.01	1	1	24.37	23.67	27.04	40.04
		1	22	24.46	23.70	27.11	40.11
		1	0	19.28	18.56	21.95	34.95
10	3544.98	1	23	19.40	18.77	22.11	35.11
		1	1	24.38	23.50	26.97	39.97
		1	22	24.41	23.50	26.99	39.99
		1	0	19.47	18.61	22.07	35.07
15	3457.50	1	23	19.39	18.56	22.01	35.01
		1	1	24.43	23.62	27.05	40.05
		1	36	24.71	23.90	27.33	40.33
		1	0	19.57	18.82	22.22	35.22

15	3500.01	1	37	19.85	18.68	22.31	35.31
		1	1	24.39	23.81	27.12	40.12
		1	36	24.37	23.53	26.98	39.98
		1	0	19.63	18.77	22.23	35.23
15	3542.49	1	37	19.45	18.68	22.09	35.09
		1	1	24.70	23.66	27.22	40.22
		1	36	24.63	23.59	27.15	40.15
		1	0	19.55	18.78	22.19	35.19
20	3460.02	1	37	19.60	18.67	22.17	35.17
		1	1	24.59	23.67	27.16	40.16
		1	49	24.47	23.70	27.11	40.11
		1	0	19.52	18.68	22.13	35.13
20	3500.01	1	50	19.68	18.60	22.18	35.18
		1	1	24.54	23.57	27.09	40.09
		1	49	24.57	23.63	27.14	40.14
		1	0	19.72	18.90	22.34	35.34
20	3540.00	1	50	19.66	18.87	22.29	35.29
		1	1	24.49	23.65	27.10	40.10
		1	49	24.56	23.58	27.11	40.11
		1	0	19.56	18.80	22.21	35.21
25	3462.51	1	50	19.56	18.59	22.11	35.11
		1	1	24.60	23.98	27.31	40.31
		1	63	24.43	23.54	27.02	40.02
		1	0	19.68	18.85	22.30	35.30
25	3500.01	1	64	19.57	18.72	22.18	35.18
		1	1	24.62	23.83	27.25	40.25
		1	63	23.80	23.59	26.71	39.71
		1	0	19.67	19.00	22.36	35.36
25	3537.48	1	64	19.38	18.68	22.05	35.05
		1	1	24.57	23.82	27.22	40.22
		1	63	24.29	23.71	27.02	40.02
		1	0	19.68	18.97	22.35	35.35
30	3465.00	1	64	19.46	18.73	22.12	35.12
		1	1	24.76	23.91	27.37	40.37
		1	76	24.59	23.57	27.12	40.12
		1	0	19.60	18.89	22.27	35.27
30	3500.01	1	77	19.71	18.92	22.34	35.34
		1	1	24.69	24.01	27.37	40.37
		1	76	24.70	24.02	27.38	40.38
		1	0	19.74	19.09	22.44	35.44
30	3534.99	1	77	19.52	18.75	22.16	35.16
		1	1	24.66	24.02	27.36	40.36
		1	76	24.48	23.77	27.15	40.15

40	3470.01	1	0	19.70	19.08	22.41	35.41
		1	77	19.61	18.78	22.23	35.23
		1	1	24.68	24.01	27.37	40.37
		1	104	24.58	23.77	27.20	40.20
		1	0	19.74	19.09	22.44	35.44
40	3500.01	1	105	19.58	18.86	22.25	35.25
		1	1	24.90	24.06	27.51	40.51
		1	104	24.54	23.80	27.20	40.20
		1	0	19.77	18.02	21.99	34.99
		1	105	19.52	18.86	22.21	35.21
40	3529.98	1	1	24.47	23.82	27.17	40.17
		1	104	24.54	23.83	27.21	40.21
		1	0	19.55	19.07	22.33	35.33
		1	105	19.51	18.72	22.14	35.14
		1	1	24.48	23.71	27.12	40.12
50	3475.02	1	131	24.14	23.40	26.80	39.80
		1	0	19.55	18.85	22.22	35.22
		1	132	19.25	18.38	21.85	34.85
		1	1	24.62	23.66	27.18	40.18
		1	131	24.22	23.24	26.77	39.77
50	3500.01	1	0	19.67	18.66	22.20	35.20
		1	132	19.31	18.24	21.82	34.82
		1	1	24.41	23.47	26.98	39.98
		1	131	24.34	23.31	26.87	39.87
		1	0	19.51	18.69	22.13	35.13
50	3525.00	1	132	19.23	18.28	21.79	34.79
		1	1	24.49	23.64	27.10	40.10
		1	160	24.26	23.35	26.84	39.84
		1	0	19.54	18.58	22.10	35.10
		1	161	19.25	18.43	21.87	34.87
60	3480.00	1	1	24.55	23.57	27.10	40.10
		1	160	24.38	23.38	26.92	39.92
		1	0	19.63	18.78	22.24	35.24
		1	161	19.39	18.46	21.96	34.96
		1	1	24.54	23.56	27.09	40.09
60	3519.99	1	160	24.30	23.33	26.85	39.85
		1	0	19.76	18.70	22.27	35.27
		1	161	19.31	18.37	21.88	34.88
		1	1	24.41	23.54	27.01	40.01
		1	187	24.13	23.19	26.70	39.70
70	3485.01	1	0	19.36	18.70	22.05	35.05
		1	188	19.01	18.18	21.63	34.63
		1	1	24.38	23.59	27.01	40.01
		1	1	24.38	23.59	27.01	40.01
		1	1	24.38	23.59	27.01	40.01

70	3514.98	1	187	24.22	23.40	26.84	39.84
		1	0	19.62	18.55	22.13	35.13
		1	188	19.18	18.29	21.77	34.77
		1	1	24.54	23.48	27.05	40.05
		1	187	24.25	23.27	26.80	39.80
		1	0	19.59	18.67	22.16	35.16
80	3490.02	1	188	19.22	18.16	21.73	34.73
		1	1	24.46	23.39	26.97	39.97
		1	215	24.18	23.27	26.76	39.76
		1	0	19.32	18.72	22.04	35.04
80	3500.01	1	216	19.02	18.27	21.67	34.67
		1	1	24.50	23.53	27.05	40.05
		1	215	24.06	23.34	26.73	39.73
		1	0	19.51	18.74	22.15	35.15
80	3510.00	1	216	19.01	18.21	21.64	34.64
		1	1	24.48	23.50	27.03	40.03
		1	215	24.17	23.26	26.75	39.75
		1	0	19.42	18.52	22.00	35.00
90	3495.00	1	216	19.13	18.12	21.66	34.66
		1	1	24.47	23.65	27.09	40.09
		1	243	24.05	23.30	26.70	39.70
		1	0	19.33	18.70	22.04	35.04
90	3500.01	1	244	19.07	18.32	21.72	34.72
		1	1	24.25	23.52	26.91	39.91
		1	243	23.97	23.26	26.64	39.64
		1	0	19.37	18.71	22.06	35.06
90	3504.99	1	244	19.14	18.25	21.73	34.73
		1	1	24.53	23.46	27.04	40.04
		1	243	23.91	23.18	26.57	39.57
		1	0	19.54	18.62	22.11	35.11
100	3500.01	1	244	19.20	18.26	21.77	34.77
		1	1	24.32	23.36	26.88	39.88
		1	271	24.03	23.15	26.62	39.62
		1	0	19.47	18.60	22.07	35.07
		1	272	19.01	18.19	21.63	34.63

NR Band n77/n78_UL MIMO (3700 ~ 3980MHz)

Channel Bandwidth (MHz)	Frequency (MHz)	RB Size	RB Offset	Output Power (dBm)		Total Power (dBm)	EIRP (dBm)
				Port 0	Port 3		
DFT-s-OFDM PI/2 BPSK							
10	3705.00	1	1	25.63	24.82	28.25	41.25
		1	22	25.66	24.97	28.34	41.34
		1	0	19.62	18.91	22.29	35.29
		1	23	19.66	19.02	22.36	35.36
10	3840.00	1	1	25.38	24.92	28.17	41.17
		1	22	25.33	24.90	28.13	41.13
		1	0	19.42	18.95	22.20	35.20
10	3975.00	1	23	19.42	18.89	22.17	35.17
		1	1	25.77	24.94	28.39	41.39
		1	22	25.73	25.04	28.41	41.41
		1	0	19.73	19.01	22.40	35.40
15	3707.52	1	23	19.65	18.95	22.32	35.32
		1	1	25.49	24.73	28.14	41.14
		1	36	25.61	24.78	28.23	41.23
		1	0	19.63	18.73	22.21	35.21
15	3840.00	1	37	19.57	18.87	22.24	35.24
		1	1	25.60	25.19	28.41	41.41
		1	36	25.74	25.24	28.51	41.51
		1	0	19.74	19.25	22.51	35.51
15	3972.48	1	37	19.68	19.20	22.46	35.46
		1	1	25.87	25.10	28.51	41.51
		1	36	25.91	25.09	28.53	41.53
		1	0	19.89	19.07	22.51	35.51
20	3710.01	1	37	19.91	19.05	22.51	35.51
		1	1	25.59	24.73	28.19	41.19
		1	49	25.62	24.88	28.28	41.28
		1	0	19.56	18.73	22.18	35.18
20	3840.00	1	50	19.60	18.91	22.28	35.28
		1	1	25.65	25.22	28.45	41.45
		1	49	25.74	25.29	28.53	41.53
		1	0	19.77	19.31	22.56	35.56
		1	50	19.76	19.24	22.52	35.52
DFT-s-OFDM PI/2 BPSK							
20	3969.99	1	1	25.93	25.12	28.55	41.55
		1	49	25.98	25.18	28.61	41.61
		1	0	19.98	19.12	22.58	35.58
		1	50	19.96	19.17	22.59	35.59
25	3712.50	1	1	25.65	25.13	28.41	41.41

25	3840.00	1	63	25.67	25.35	28.52	41.52
		1	0	19.81	19.12	22.49	35.49
		1	64	19.68	19.33	22.52	35.52
		1	1	25.77	25.59	28.69	41.69
		1	63	25.96	25.57	28.78	41.78
		1	0	19.93	19.73	22.84	35.84
25	3967.50	1	64	19.91	19.61	22.77	35.77
		1	1	26.14	25.52	28.85	41.85
		1	63	25.99	25.62	28.82	41.82
		1	0	20.23	19.53	22.90	35.90
30	3715.02	1	64	20.06	19.65	22.87	35.87
		1	1	25.60	24.84	28.25	41.25
		1	76	25.72	25.07	28.42	41.42
		1	0	19.74	18.85	22.33	35.33
30	3840.00	1	77	19.76	19.08	22.44	35.44
		1	1	25.73	25.30	28.53	41.53
		1	76	25.74	25.28	28.53	41.53
		1	0	19.82	19.40	22.63	35.63
30	3964.98	1	77	19.79	19.28	22.55	35.55
		1	1	26.00	25.13	28.60	41.60
		1	76	25.92	25.22	28.59	41.59
		1	0	20.02	19.25	22.66	35.66
40	3720.00	1	77	19.95	19.20	22.60	35.60
		1	1	25.45	24.58	28.05	41.05
		1	104	25.46	24.76	28.13	41.13
		1	0	19.55	18.75	22.18	35.18
40	3840.00	1	105	19.55	18.82	22.21	35.21
		1	1	25.63	25.29	28.47	41.47
		1	104	25.53	25.09	28.33	41.33
		1	0	19.77	19.41	22.60	35.60
40	3960.00	1	105	19.61	19.23	22.43	35.43
		1	1	26.01	25.16	28.62	41.62
		1	104	25.95	25.27	28.63	41.63
		1	0	20.08	19.18	22.66	35.66
50	3720.00	1	105	19.90	19.23	22.59	35.59
		1	1	25.54	24.75	28.17	41.17
		1	131	25.62	24.94	28.30	41.30
		1	0	19.54	18.71	22.16	35.16
50	3840.00	1	132	19.37	18.71	22.06	35.06
		1	1	25.51	25.13	28.33	41.33
		1	131	25.47	25.02	28.26	41.26
		1	0	19.61	19.27	22.45	35.45
		1	132	19.58	19.13	22.37	35.37

50	3954.99	1	1	25.94	24.92	28.47	41.47
		1	131	25.65	25.02	28.36	41.36
		1	0	19.90	18.99	22.48	35.48
		1	132	19.68	19.03	22.38	35.38
60	3730.02	1	1	25.30	24.51	27.93	40.93
		1	160	25.36	24.74	28.07	41.07
		1	0	19.47	18.67	22.10	35.10
		1	161	19.44	18.74	22.11	35.11
60	3840.00	1	1	25.55	25.20	28.39	41.39
		1	160	25.49	25.08	28.30	41.30
		1	0	19.62	19.30	22.47	35.47
		1	161	19.58	19.13	22.37	35.37
60	3949.98	1	1	25.78	25.10	28.46	41.46
		1	160	25.47	25.05	28.28	41.28
		1	0	19.76	19.07	22.44	35.44
		1	161	19.37	19.07	22.23	35.23
70	3735.00	1	1	25.35	24.62	28.01	41.01
		1	187	25.38	24.76	28.09	41.09
		1	0	19.60	18.74	22.20	35.20
		1	188	19.35	18.73	22.06	35.06
70	3840.00	1	1	25.45	25.12	28.30	41.30
		1	187	25.31	24.84	28.09	41.09
		1	0	19.46	19.36	22.42	35.42
		1	188	19.29	18.97	22.14	35.14
70	3945.00	1	1	25.82	25.02	28.45	41.45
		1	187	25.34	25.01	28.19	41.19
		1	0	19.84	19.16	22.52	35.52
		1	188	19.37	19.06	22.23	35.23
80	3740.01	1	1	25.33	24.56	27.97	40.97
		1	215	25.41	24.77	28.11	41.11
		1	0	19.52	18.67	22.13	35.13
		1	216	19.37	18.71	22.06	35.06
80	3840.00	1	1	25.40	25.11	28.27	41.27
		1	215	25.44	24.97	28.22	41.22
		1	0	19.52	19.20	22.37	35.37
		1	216	19.43	18.94	22.20	35.20
80	3939.99	1	1	25.73	25.01	28.40	41.40
		1	215	25.33	25.04	28.20	41.20
		1	0	19.79	19.14	22.49	35.49
		1	216	19.26	19.04	22.16	35.16
90	3745.02	1	1	25.26	24.58	27.94	40.94
		1	243	25.53	24.82	28.20	41.20
		1	0	19.62	18.88	22.28	35.28

90	3840.00	1	244	19.52	18.86	22.21	35.21
		1	1	25.30	25.04	28.18	41.18
		1	243	25.54	24.96	28.27	41.27
		1	0	19.42	19.23	22.34	35.34
90	3934.98	1	244	19.53	19.01	22.29	35.29
		1	1	25.71	24.99	28.38	41.38
		1	243	25.35	25.02	28.20	41.20
		1	0	19.88	19.14	22.54	35.54
100	3750.00	1	244	19.40	19.07	22.25	35.25
		1	1	25.28	24.59	27.96	40.96
		1	271	25.64	24.95	28.32	41.32
		1	0	19.57	18.82	22.22	35.22
100	3840.00	1	272	19.59	18.89	22.26	35.26
		1	1	25.36	25.09	28.24	41.24
		1	271	25.52	25.03	28.29	41.29
		1	0	19.40	19.13	22.28	35.28
100	3930.00	1	272	19.52	18.99	22.27	35.27
		1	1	25.71	25.03	28.39	41.39
		1	271	25.41	25.22	28.33	41.33
		1	0	19.90	19.08	22.52	35.52
		1	272	19.41	19.16	22.30	35.30
DFT-s-OFDM QPSK							
10	3705.00	1	1	25.60	24.84	28.25	41.25
		1	22	25.62	24.99	28.33	41.33
		1	0	19.18	18.46	21.85	34.85
		1	23	19.17	18.50	21.86	34.86
10	3840.00	1	1	25.35	24.91	28.15	41.15
		1	22	25.36	24.89	28.14	41.14
		1	0	18.88	18.42	21.67	34.67
		1	23	18.95	18.36	21.68	34.68
10	3975.00	1	1	25.71	24.89	28.33	41.33
		1	22	25.63	25.02	28.35	41.35
		1	0	19.21	18.45	21.86	34.86
		1	23	19.13	18.39	21.79	34.79
15	3707.52	1	1	25.48	24.74	28.14	41.14
		1	36	25.62	24.80	28.24	41.24
		1	0	19.09	18.22	21.69	34.69
		1	37	19.05	18.36	21.73	34.73
15	3840.00	1	1	25.58	25.18	28.39	41.39
		1	36	25.71	25.25	28.50	41.50
		1	0	19.09	18.64	21.88	34.88
		1	37	19.12	18.64	21.90	34.90
15	3972.48	1	1	25.82	25.04	28.46	41.46

20	3710.01	1	36	25.78	25.11	28.47	41.47
		1	0	19.38	18.53	21.99	34.99
		1	37	19.41	18.60	22.03	35.03
		1	1	25.57	24.67	28.15	41.15
		1	49	25.64	24.91	28.30	41.30
		1	0	19.09	18.33	21.74	34.74
20	3840.00	1	50	19.11	18.41	21.78	34.78
		1	1	25.78	25.30	28.56	41.56
		1	49	25.75	25.25	28.52	41.52
		1	0	19.24	18.78	22.03	35.03
20	3969.99	1	50	19.20	18.69	21.96	34.96
		1	1	25.94	25.06	28.53	41.53
		1	49	25.88	25.23	28.58	41.58
		1	0	19.42	18.63	22.05	35.05
25	3712.50	1	50	19.36	18.70	22.05	35.05
		1	1	25.65	25.12	28.40	41.40
		1	63	25.63	25.37	28.51	41.51
		1	0	19.24	18.66	21.97	34.97
25	3840.00	1	64	19.04	18.81	21.94	34.94
		1	1	25.69	25.65	28.68	41.68
		1	63	25.85	25.61	28.74	41.74
		1	0	20.31	19.17	22.79	35.79
25	3967.50	1	64	19.35	19.06	22.22	35.22
		1	1	26.17	25.57	28.89	41.89
		1	63	26.01	25.72	28.88	41.88
		1	0	19.60	19.00	22.32	35.32
30	3715.02	1	64	19.59	19.04	22.33	35.33
		1	1	25.59	24.83	28.24	41.24
		1	76	25.78	25.04	28.44	41.44
		1	0	19.31	18.41	21.89	34.89
30	3840.00	1	77	19.31	18.60	21.98	34.98
		1	1	25.72	25.28	28.52	41.52
		1	76	25.71	25.23	28.49	41.49
		1	0	19.27	18.90	22.10	35.10
30	3964.98	1	77	19.22	18.68	21.97	34.97
		1	1	26.01	25.14	28.61	41.61
		1	76	25.90	25.16	28.56	41.56
		1	0	19.44	18.67	22.08	35.08
40	3720.00	1	77	19.43	18.65	22.07	35.07
		1	1	25.44	24.55	28.03	41.03
		1	104	25.47	24.72	28.12	41.12
		1	0	19.05	18.25	21.68	34.68
		1	105	19.06	18.30	21.71	34.71

40	3840.00	1	1	25.67	25.23	28.47	41.47
		1	104	25.54	25.09	28.33	41.33
		1	0	19.24	18.85	22.06	35.06
		1	105	19.11	18.64	21.89	34.89
40	3960.00	1	1	25.97	25.12	28.58	41.58
		1	104	25.89	25.26	28.60	41.60
		1	0	19.50	18.63	22.10	35.10
		1	105	19.42	18.68	22.08	35.08
50	3720.00	1	1	25.53	24.75	28.17	41.17
		1	131	25.62	24.95	28.31	41.31
		1	0	18.98	18.13	21.59	34.59
		1	132	18.81	18.17	21.51	34.51
50	3840.00	1	1	25.57	25.12	28.36	41.36
		1	131	25.42	25.06	28.25	41.25
		1	0	19.04	18.67	21.87	34.87
		1	132	19.04	18.61	21.84	34.84
50	3954.99	1	1	25.77	24.92	28.38	41.38
		1	131	25.61	25.03	28.34	41.34
		1	0	19.34	18.37	21.89	34.89
		1	132	19.12	18.49	21.83	34.83
60	3730.02	1	1	23.34	24.49	26.96	39.96
		1	160	25.37	24.72	28.07	41.07
		1	0	18.98	18.17	21.60	34.60
		1	161	18.82	18.20	21.53	34.53
60	3840.00	1	1	25.54	25.16	28.36	41.36
		1	160	25.51	25.06	28.30	41.30
		1	0	19.08	18.80	21.95	34.95
		1	161	19.05	18.62	21.85	34.85
60	3949.98	1	1	25.70	25.10	28.42	41.42
		1	160	25.39	25.08	28.25	41.25
		1	0	19.25	18.58	21.94	34.94
		1	161	18.88	18.54	21.72	34.72
70	3735.00	1	1	25.29	24.55	27.95	40.95
		1	187	25.36	24.74	28.07	41.07
		1	0	19.04	18.24	21.67	34.67
		1	188	18.84	18.27	21.57	34.57
70	3840.00	1	1	25.38	25.09	28.25	41.25
		1	187	25.33	24.81	28.09	41.09
		1	0	18.94	18.76	21.86	34.86
		1	188	18.82	18.43	21.64	34.64
70	3945.00	1	1	25.84	25.04	28.47	41.47
		1	187	25.25	24.97	28.12	41.12
		1	0	19.32	18.67	22.02	35.02

80	3740.01	1	188	18.82	18.53	21.69	34.69
		1	1	25.26	24.56	27.93	40.93
		1	215	25.44	24.78	28.13	41.13
		1	0	18.97	18.22	21.62	34.62
80	3840.00	1	216	18.88	18.24	21.58	34.58
		1	1	25.40	25.08	28.25	41.25
		1	215	25.41	25.00	28.22	41.22
		1	0	18.98	18.67	21.84	34.84
80	3939.99	1	216	18.91	18.43	21.69	34.69
		1	1	25.72	25.04	28.40	41.40
		1	215	25.39	25.12	28.27	41.27
		1	0	19.28	18.56	21.95	34.95
90	3745.02	1	216	18.82	18.48	21.66	34.66
		1	1	25.34	24.59	27.99	40.99
		1	243	25.54	24.80	28.20	41.20
		1	0	19.01	18.31	21.68	34.68
90	3840.00	1	244	19.04	18.33	21.71	34.71
		1	1	25.34	25.01	28.19	41.19
		1	243	25.44	24.97	28.22	41.22
		1	0	18.87	18.70	21.80	34.80
90	3934.98	1	244	19.01	18.52	21.78	34.78
		1	1	25.68	24.91	28.32	41.32
		1	243	25.32	25.07	28.21	41.21
		1	0	19.34	18.65	22.02	35.02
100	3750.00	1	244	18.85	18.57	21.72	34.72
		1	1	25.33	24.55	27.97	40.97
		1	271	25.63	24.95	28.31	41.31
		1	0	19.04	18.28	21.69	34.69
100	3840.00	1	272	19.04	18.36	21.72	34.72
		1	1	25.32	25.04	28.19	41.19
		1	271	25.51	25.04	28.29	41.29
		1	0	18.85	18.63	21.75	34.75
100	3930.00	1	272	19.01	18.48	21.76	34.76
		1	1	25.70	25.02	28.38	41.38
		1	271	25.45	25.15	28.31	41.31
		1	0	19.36	18.67	22.04	35.04
		1	272	18.86	18.62	21.75	34.75
DFT-s-OFDM 16QAM							
10	3705.00	1	1	24.45	23.66	27.08	40.08
		1	22	24.67	23.97	27.34	40.34
		1	0	19.23	18.52	21.90	34.90
		1	23	19.12	18.37	21.77	34.77
10	3840.00	1	1	24.36	23.89	27.14	40.14

10	3975.00	1	22	24.14	23.68	26.93	39.93
		1	0	18.85	18.42	21.65	34.65
		1	23	19.95	18.34	22.23	35.23
		1	1	24.65	23.94	27.32	40.32
		1	22	24.67	23.92	27.32	40.32
		1	0	19.10	18.33	21.74	34.74
15	3707.52	1	23	19.06	18.34	21.73	34.73
		1	1	24.44	23.54	27.02	40.02
		1	36	24.54	23.70	27.15	40.15
		1	0	19.02	18.16	21.62	34.62
15	3840.00	1	37	19.07	18.27	21.70	34.70
		1	1	24.58	24.05	27.33	40.33
		1	36	24.58	24.11	27.36	40.36
		1	0	19.10	18.62	21.88	34.88
15	3972.48	1	37	19.04	18.59	21.83	34.83
		1	1	24.77	23.96	27.39	40.39
		1	36	24.66	23.97	27.34	40.34
		1	0	19.39	18.57	22.01	35.01
20	3710.01	1	37	19.45	18.67	22.09	35.09
		1	1	24.56	23.61	27.12	40.12
		1	49	24.58	23.87	27.25	40.25
		1	0	19.14	18.26	21.73	34.73
20	3840.00	1	50	19.01	18.30	21.68	34.68
		1	1	24.62	24.19	27.42	40.42
		1	49	24.58	24.11	27.36	40.36
		1	0	19.10	18.63	21.88	34.88
20	3969.99	1	50	19.05	18.56	21.82	34.82
		1	1	24.78	23.99	27.41	40.41
		1	49	24.95	24.09	27.55	40.55
		1	0	19.43	18.68	22.08	35.08
25	3712.50	1	50	19.46	18.67	22.09	35.09
		1	1	24.60	24.08	27.36	40.36
		1	63	24.43	24.09	27.27	40.27
		1	0	19.29	18.65	21.99	34.99
25	3840.00	1	64	19.17	18.82	22.01	35.01
		1	1	24.61	24.52	27.58	40.58
		1	63	24.75	24.48	27.63	40.63
		1	0	19.34	19.18	22.27	35.27
25	3967.50	1	64	19.29	19.06	22.19	35.19
		1	1	25.02	24.29	27.68	40.68
		1	63	24.86	24.57	27.73	40.73
		1	0	19.75	18.96	22.38	35.38
		1	64	19.47	19.05	22.28	35.28

30	3715.02	1	1	24.48	23.68	27.11	40.11
		1	76	24.70	23.92	27.34	40.34
		1	0	19.07	18.24	21.69	34.69
		1	77	19.26	18.43	21.88	34.88
30	3840.00	1	1	24.54	24.09	27.33	40.33
		1	76	24.56	24.11	27.35	40.35
		1	0	19.30	18.84	22.09	35.09
		1	77	19.18	18.70	21.96	34.96
30	3964.98	1	1	24.96	24.04	27.53	40.53
		1	76	24.83	24.07	27.48	40.48
		1	0	19.49	18.73	22.14	35.14
		1	77	19.57	18.77	22.20	35.20
40	3720.00	1	1	24.40	23.46	26.97	39.97
		1	104	24.51	23.68	27.13	40.13
		1	0	19.13	18.34	21.76	34.76
		1	105	19.10	18.34	21.75	34.75
40	3840.00	1	1	24.60	24.16	27.40	40.40
		1	104	24.49	24.02	27.27	40.27
		1	0	19.28	18.91	22.11	35.11
		1	105	19.12	18.65	21.90	34.90
40	3960.00	1	1	24.87	24.05	27.49	40.49
		1	104	24.87	24.13	27.53	40.53
		1	0	19.47	18.62	22.08	35.08
		1	105	19.39	18.79	22.11	35.11
50	3720.00	1	1	24.30	23.45	26.91	39.91
		1	131	24.35	23.67	27.03	40.03
		1	0	18.94	18.08	21.54	34.54
		1	132	18.73	18.06	21.42	34.42
50	3840.00	1	1	24.46	24.10	27.29	40.29
		1	131	24.46	23.99	27.24	40.24
		1	0	19.03	18.70	21.88	34.88
		1	132	18.93	18.52	21.74	34.74
50	3954.99	1	1	24.91	23.85	27.42	40.42
		1	131	24.51	23.93	27.24	40.24
		1	0	19.34	18.51	21.96	34.96
		1	132	19.28	18.58	21.95	34.95
60	3730.02	1	1	24.36	23.48	26.95	39.95
		1	160	24.22	23.56	26.91	39.91
		1	0	18.93	18.19	21.59	34.59
		1	161	18.82	18.21	21.54	34.54
60	3840.00	1	1	24.56	24.18	27.38	40.38
		1	160	24.34	23.87	27.12	40.12
		1	0	19.19	18.69	21.96	34.96

60	3949.98	1	161	19.12	18.71	21.93	34.93
		1	1	24.79	24.09	27.46	40.46
		1	160	24.29	24.00	27.16	40.16
		1	0	19.23	18.52	21.90	34.90
70	3735.00	1	161	18.85	18.47	21.67	34.67
		1	1	24.26	23.53	26.92	39.92
		1	187	24.25	23.65	26.97	39.97
		1	0	19.05	18.13	21.62	34.62
70	3840.00	1	188	18.85	18.24	21.57	34.57
		1	1	24.38	24.07	27.24	40.24
		1	187	24.12	23.71	26.93	39.93
		1	0	18.99	18.77	21.89	34.89
70	3945.00	1	188	18.81	18.35	21.60	34.60
		1	1	24.93	24.11	27.55	40.55
		1	187	24.29	23.99	27.15	40.15
		1	0	19.26	18.58	21.94	34.94
80	3740.01	1	188	18.72	18.41	21.58	34.58
		1	1	24.21	23.47	26.87	39.87
		1	215	24.23	23.56	26.92	39.92
		1	0	19.01	18.14	21.61	34.61
80	3840.00	1	216	18.92	18.24	21.60	34.60
		1	1	24.36	24.03	27.21	40.21
		1	215	24.33	24.00	27.18	40.18
		1	0	19.00	18.65	21.84	34.84
80	3939.99	1	216	18.78	18.33	21.57	34.57
		1	1	24.77	24.01	27.42	40.42
		1	215	24.37	24.05	27.22	40.22
		1	0	19.23	18.51	21.90	34.90
90	3745.02	1	216	18.76	18.41	21.60	34.60
		1	1	24.24	23.50	26.90	39.90
		1	243	24.34	23.68	27.03	40.03
		1	0	18.99	18.32	21.68	34.68
90	3840.00	1	244	19.00	18.22	21.64	34.64
		1	1	24.24	24.03	27.15	40.15
		1	243	24.47	23.93	27.22	40.22
		1	0	18.84	18.65	21.76	34.76
90	3934.98	1	244	18.91	18.40	21.67	34.67
		1	1	24.60	23.95	27.30	40.30
		1	243	24.34	24.02	27.19	40.19
		1	0	19.27	18.51	21.92	34.92
100	3750.00	1	244	18.71	18.47	21.60	34.60
		1	1	24.27	23.49	26.91	39.91
		1	271	24.57	23.89	27.25	40.25

RF Test Report				Report			
100	3840.00	1	0	18.91	18.23	21.59	34.59
		1	272	18.99	18.33	21.68	34.68
		1	1	24.33	23.93	27.14	40.14
		1	271	24.52	23.97	27.26	40.26
		1	0	18.87	18.57	21.73	34.73
100	3930.00	1	272	18.88	18.40	21.66	34.66
		1	1	24.66	23.96	27.33	40.33
		1	271	24.27	24.02	27.16	40.16
		1	0	19.34	18.61	22.00	35.00
		1	272	18.85	18.63	21.75	34.75
DFT-s-OFDM 64QAM							
10	3705.00	1	1	22.68	21.85	25.30	38.30
		1	22	22.85	22.08	25.49	38.49
		1	0	19.14	18.44	21.81	34.81
		1	23	19.03	18.36	21.72	34.72
10	3840.00	1	1	22.42	21.93	25.19	38.19
		1	22	22.54	22.02	25.30	38.30
		1	0	18.93	18.50	21.73	34.73
		1	23	18.92	18.32	21.64	34.64
10	3975.00	1	1	22.75	22.01	25.41	38.41
		1	22	22.65	22.05	25.37	38.37
		1	0	19.39	18.55	22.00	35.00
		1	23	19.18	18.41	21.82	34.82
15	3707.52	1	1	22.42	21.62	25.05	38.05
		1	36	22.60	21.81	25.23	38.23
		1	0	19.10	18.23	21.70	34.70
		1	37	19.19	18.62	21.92	34.92
15	3840.00	1	1	22.56	22.14	25.37	38.37
		1	36	22.71	22.22	25.48	38.48
		1	0	19.22	18.79	22.02	35.02
		1	37	19.14	18.62	21.90	34.90
15	3972.48	1	1	22.91	22.02	25.50	38.50
		1	36	22.90	22.21	25.58	38.58
		1	0	19.39	18.55	22.00	35.00
		1	37	19.42	18.61	22.04	35.04
20	3710.01	1	1	22.55	21.82	25.21	38.21
		1	49	22.54	21.81	25.20	38.20
		1	0	18.99	18.22	21.63	34.63
		1	50	19.11	18.39	21.78	34.78
20	3840.00	1	1	22.63	22.22	25.44	38.44
		1	49	22.52	22.07	25.31	38.31
		1	0	19.28	18.85	22.08	35.08
		1	50	19.21	18.66	21.95	34.95

20	3969.99	1	1	22.85	22.01	25.46	38.46
		1	49	23.04	22.22	25.66	38.66
		1	0	19.42	18.61	22.04	35.04
		1	50	19.52	18.70	22.14	35.14
25	3712.50	1	1	22.81	22.31	25.58	38.58
		1	63	22.73	22.45	25.60	38.60
		1	0	19.35	18.79	22.09	35.09
		1	64	19.33	18.94	22.15	35.15
25	3840.00	1	1	22.85	22.70	25.79	38.79
		1	63	23.06	22.71	25.90	38.90
		1	0	19.44	19.36	22.41	35.41
		1	64	19.36	19.01	22.20	35.20
25	3967.50	1	1	23.12	22.51	25.84	38.84
		1	63	23.32	22.83	26.09	39.09
		1	0	19.87	19.10	22.51	35.51
		1	64	19.46	19.06	22.27	35.27
30	3715.02	1	1	22.66	21.88	25.30	38.30
		1	76	22.85	22.16	25.53	38.53
		1	0	19.20	18.33	21.80	34.80
		1	77	19.10	18.41	21.78	34.78
30	3840.00	1	1	22.90	22.43	25.68	38.68
		1	76	22.85	22.42	25.65	38.65
		1	0	19.38	19.01	22.21	35.21
		1	77	19.30	18.77	22.05	35.05
30	3964.98	1	1	22.98	22.11	25.58	38.58
		1	76	22.89	22.14	25.54	38.54
		1	0	19.60	18.75	22.21	35.21
		1	77	19.48	18.73	22.13	35.13
40	3720.00	1	1	22.29	21.47	24.91	37.91
		1	104	22.49	21.73	25.14	38.14
		1	0	19.14	18.33	21.76	34.76
		1	105	19.15	18.36	21.78	34.78
40	3840.00	1	1	22.67	22.20	25.45	38.45
		1	104	22.56	22.06	25.33	38.33
		1	0	19.32	18.87	22.11	35.11
		1	105	19.21	18.71	21.98	34.98
40	3960.00	1	1	22.90	22.07	25.52	38.52
		1	104	22.98	22.25	25.64	38.64
		1	0	19.50	18.62	22.09	35.09
		1	105	19.35	18.71	22.05	35.05
50	3720.00	1	1	22.67	21.81	25.27	38.27
		1	131	22.66	22.01	25.36	38.36
		1	0	18.85	18.02	21.47	34.47

50	3840.00	1	132	18.80	18.11	21.48	34.48
		1	1	22.68	22.23	25.47	38.47
		1	131	22.43	22.02	25.24	38.24
		1	0	19.05	18.68	21.88	34.88
50	3954.99	1	132	19.11	18.72	21.93	34.93
		1	1	22.89	22.07	25.51	38.51
		1	131	22.91	22.28	25.62	38.62
		1	0	19.28	18.51	21.92	34.92
60	3730.02	1	132	19.20	18.47	21.86	34.86
		1	1	22.55	21.76	25.18	38.18
		1	160	22.64	21.91	25.30	38.30
		1	0	18.85	18.08	21.49	34.49
60	3840.00	1	161	18.87	18.23	21.57	34.57
		1	1	22.53	22.19	25.37	38.37
		1	160	22.65	22.19	25.44	38.44
		1	0	19.06	18.73	21.91	34.91
60	3949.98	1	161	18.98	18.47	21.74	34.74
		1	1	22.80	22.14	25.49	38.49
		1	160	22.47	22.15	25.32	38.32
		1	0	19.17	18.51	21.86	34.86
70	3735.00	1	161	18.85	18.48	21.68	34.68
		1	1	22.38	21.78	25.10	38.10
		1	187	22.51	21.94	25.24	38.24
		1	0	19.01	18.15	21.61	34.61
70	3840.00	1	188	18.85	18.23	21.56	34.56
		1	1	22.62	22.22	25.43	38.43
		1	187	22.57	22.05	25.33	38.33
		1	0	18.86	18.63	21.76	34.76
70	3945.00	1	188	18.77	18.32	21.56	34.56
		1	1	22.90	22.17	25.56	38.56
		1	187	22.52	22.18	25.36	38.36
		1	0	19.65	18.90	22.30	35.30
80	3740.01	1	188	18.98	18.55	21.78	34.78
		1	1	22.35	21.54	24.97	37.97
		1	215	22.55	21.95	25.27	38.27
		1	0	18.90	18.13	21.54	34.54
80	3840.00	1	216	18.82	18.13	21.50	34.50
		1	1	22.36	22.11	25.25	38.25
		1	215	22.40	22.03	25.23	38.23
		1	0	18.96	18.64	21.81	34.81
80	3939.99	1	216	18.89	18.49	21.70	34.70
		1	1	22.79	21.96	25.41	38.41
80		1	215	22.51	22.12	25.33	38.33

90	3745.02	1	0	19.43	18.75	22.11	35.11
		1	216	19.11	18.66	21.90	34.90
		1	1	22.46	21.60	25.06	38.06
		1	243	22.73	22.06	25.42	38.42
		1	0	18.94	18.21	21.60	34.60
90	3840.00	1	244	18.96	18.29	21.65	34.65
		1	1	22.30	22.02	25.17	38.17
		1	243	22.43	22.03	25.24	38.24
		1	0	19.21	19.04	22.14	35.14
90	3934.98	1	244	19.14	18.69	21.93	34.93
		1	1	22.80	22.07	25.46	38.46
		1	243	22.41	22.18	25.31	38.31
		1	0	19.49	18.74	22.14	35.14
100	3750.00	1	244	18.80	18.62	21.72	34.72
		1	1	22.34	21.70	25.04	38.04
		1	271	22.74	22.04	25.41	38.41
		1	0	19.17	18.42	21.82	34.82
100	3840.00	1	272	19.23	18.55	21.91	34.91
		1	1	22.42	22.15	25.30	38.30
		1	271	22.54	22.01	25.29	38.29
		1	0	19.08	18.72	21.91	34.91
100	3930.00	1	272	19.02	18.49	21.77	34.77
		1	1	22.74	22.07	25.43	38.43
		1	271	22.65	22.41	25.54	38.54
		1	0	19.24	18.59	21.94	34.94
		1	272	18.86	18.57	21.73	34.73
DFT-s-OFDM 256QAM							
10	3705.00	1	1	20.15	19.43	22.82	35.82
		1	22	20.13	19.51	22.84	35.84
		1	0	19.26	18.57	21.94	34.94
		1	23	19.29	18.60	21.97	34.97
10	3840.00	1	1	19.98	19.47	22.74	35.74
		1	22	19.94	19.45	22.71	35.71
		1	0	19.02	18.55	21.80	34.80
		1	23	18.90	18.45	21.69	34.69
10	3975.00	1	1	20.03	19.23	22.66	35.66
		1	22	20.19	19.46	22.85	35.85
		1	0	19.02	18.41	21.74	34.74
		1	23	19.09	18.49	21.81	34.81
15	3707.52	1	1	20.01	19.05	22.57	35.57
		1	36	20.09	19.40	22.77	35.77
		1	0	19.02	18.13	21.61	34.61
		1	37	19.02	18.34	21.70	34.70

15	3840.00	1	1	20.14	19.77	22.97	35.97
		1	36	20.24	19.71	22.99	35.99
		1	0	19.17	18.74	21.97	34.97
		1	37	19.15	18.59	21.89	34.89
15	3972.48	1	1	20.45	19.53	23.02	36.02
		1	36	20.36	19.47	22.95	35.95
		1	0	19.30	18.54	21.95	34.95
		1	37	19.33	18.61	22.00	35.00
20	3710.01	1	1	20.11	19.26	22.72	35.72
		1	49	20.17	19.48	22.85	35.85
		1	0	18.98	18.21	21.62	34.62
		1	50	19.11	18.46	21.81	34.81
20	3840.00	1	1	20.07	19.63	22.87	35.87
		1	49	20.18	19.69	22.95	35.95
		1	0	19.28	18.83	22.07	35.07
		1	50	19.17	18.77	21.98	34.98
20	3969.99	1	1	20.43	19.72	23.10	36.10
		1	49	20.45	19.74	23.12	36.12
		1	0	19.49	18.63	22.09	35.09
		1	50	19.56	18.80	22.21	35.21
25	3712.50	1	1	19.95	19.55	22.76	35.76
		1	63	20.25	19.95	23.11	36.11
		1	0	19.11	18.51	21.83	34.83
		1	64	18.97	18.69	21.84	34.84
25	3840.00	1	1	20.22	20.15	23.20	36.20
		1	63	20.39	20.10	23.26	36.26
		1	0	19.34	19.29	22.33	35.33
		1	64	19.40	19.34	22.38	35.38
25	3967.50	1	1	20.39	19.78	23.11	36.11
		1	63	20.35	19.91	23.15	36.15
		1	0	19.46	18.86	22.18	35.18
		1	64	19.32	18.86	22.11	35.11
30	3715.02	1	1	20.15	19.42	22.81	35.81
		1	76	20.39	19.70	23.07	36.07
		1	0	19.16	18.33	21.78	34.78
		1	77	19.23	18.54	21.91	34.91
30	3840.00	1	1	20.29	19.88	23.10	36.10
		1	76	20.13	19.65	22.91	35.91
		1	0	19.34	18.88	22.13	35.13
		1	77	19.27	18.72	22.01	35.01
30	3964.98	1	1	20.52	19.64	23.11	36.11
		1	76	20.36	19.64	23.03	36.03
		1	0	19.62	18.69	22.19	35.19

40	3720.00	1	77	19.55	18.77	22.19	35.19
		1	1	20.12	19.21	22.70	35.70
		1	104	20.06	19.31	22.71	35.71
		1	0	19.23	18.32	21.81	34.81
40	3840.00	1	105	19.08	18.40	21.76	34.76
		1	1	20.13	19.78	22.97	35.97
		1	104	20.02	19.58	22.82	35.82
		1	0	19.28	18.85	22.08	35.08
40	3960.00	1	105	19.13	18.72	21.94	34.94
		1	1	20.31	19.47	22.92	35.92
		1	104	20.40	19.68	23.07	36.07
		1	0	19.51	18.70	22.13	35.13
50	3720.00	1	105	19.46	18.81	22.16	35.16
		1	1	19.67	19.06	22.39	35.39
		1	131	19.74	19.11	22.45	35.45
		1	0	18.83	18.05	21.47	34.47
50	3840.00	1	132	18.89	18.30	21.62	34.62
		1	1	20.19	19.84	23.03	36.03
		1	131	19.97	19.59	22.79	35.79
		1	0	19.01	18.78	21.91	34.91
50	3954.99	1	132	18.94	18.63	21.80	34.80
		1	1	20.49	19.62	23.09	36.09
		1	131	20.20	19.62	22.93	35.93
		1	0	19.32	18.44	21.91	34.91
60	3730.02	1	132	19.12	18.55	21.85	34.85
		1	1	19.69	19.00	22.37	35.37
		1	160	19.90	19.25	22.60	35.60
		1	0	19.98	18.21	22.19	35.19
60	3840.00	1	161	18.92	18.11	21.54	34.54
		1	1	19.97	19.73	22.86	35.86
		1	160	19.98	19.55	22.78	35.78
		1	0	18.94	18.64	21.80	34.80
60	3949.98	1	161	18.73	18.35	21.55	34.55
		1	1	20.16	19.62	22.91	35.91
		1	160	20.17	19.55	22.88	35.88
		1	0	19.09	18.41	21.77	34.77
70	3735.00	1	161	18.89	18.48	21.70	34.70
		1	1	19.92	19.17	22.57	35.57
		1	187	20.00	19.31	22.68	35.68
		1	0	19.05	18.17	21.64	34.64
70	3840.00	1	188	19.02	18.32	21.69	34.69
		1	1	20.01	19.71	22.87	35.87
		1	187	19.87	19.44	22.67	35.67

70	3945.00	1	0	19.10	18.69	21.91	34.91
		1	188	19.05	18.53	21.81	34.81
		1	1	20.27	19.65	22.98	35.98
		1	187	19.89	19.52	22.72	35.72
		1	0	19.38	18.58	22.01	35.01
80	3740.01	1	188	18.79	18.38	21.60	34.60
		1	1	19.85	19.06	22.48	35.48
		1	215	20.07	19.27	22.70	35.70
		1	0	18.94	18.32	21.65	34.65
80	3840.00	1	216	18.96	18.18	21.60	34.60
		1	1	19.89	19.59	22.75	35.75
		1	215	19.94	19.50	22.74	35.74
		1	0	18.93	18.60	21.78	34.78
80	3939.99	1	216	18.92	18.52	21.73	34.73
		1	1	20.37	19.58	23.00	36.00
		1	215	19.83	19.57	22.71	35.71
		1	0	19.30	18.58	21.97	34.97
90	3745.02	1	216	18.80	18.54	21.68	34.68
		1	1	19.93	19.08	22.54	35.54
		1	243	20.20	19.43	22.84	35.84
		1	0	19.07	18.32	21.72	34.72
90	3840.00	1	244	19.01	18.35	21.70	34.70
		1	1	19.84	19.55	22.71	35.71
		1	243	19.96	19.36	22.68	35.68
		1	0	18.93	18.70	21.83	34.83
90	3934.98	1	244	18.98	18.55	21.78	34.78
		1	1	20.24	19.49	22.89	35.89
		1	243	19.83	19.49	22.67	35.67
		1	0	19.25	18.60	21.95	34.95
100	3750.00	1	244	18.89	18.61	21.76	34.76
		1	1	19.88	19.10	22.52	35.52
		1	271	20.15	19.39	22.80	35.80
		1	0	19.10	18.26	21.71	34.71
100	3840.00	1	272	19.12	18.35	21.76	34.76
		1	1	19.77	19.54	22.67	35.67
		1	271	19.93	19.45	22.71	35.71
		1	0	18.91	18.60	21.77	34.77
100	3930.00	1	272	19.01	18.46	21.75	34.75
		1	1	20.21	19.49	22.88	35.88
		1	271	19.82	19.62	22.73	35.73
		1	0	19.20	18.56	21.90	34.90
		1	272	18.79	18.53	21.67	34.67

CP OFDM QPSK

10	3705.00	1	1	24.15	23.30	26.76	39.76
		1	22	24.23	23.49	26.89	39.89
		1	0	19.22	18.46	21.87	34.87
		1	23	19.21	18.57	21.91	34.91
10	3840.00	1	1	24.05	23.70	26.89	39.89
		1	22	24.14	23.73	26.95	39.95
		1	0	19.19	18.78	22.00	35.00
		1	23	19.21	18.84	22.04	35.04
10	3975.00	1	1	24.46	23.77	27.14	40.14
		1	22	24.49	23.85	27.19	40.19
		1	0	19.51	18.90	22.23	35.23
		1	23	19.52	18.76	22.17	35.17
15	3707.52	1	1	24.39	23.55	27.00	40.00
		1	36	24.41	23.70	27.08	40.08
		1	0	19.34	18.61	22.00	35.00
		1	37	19.37	18.68	22.05	35.05
15	3840.00	1	1	24.42	24.08	27.26	40.26
		1	36	24.44	23.94	27.21	40.21
		1	0	19.47	19.09	22.29	35.29
		1	37	19.40	19.02	22.22	35.22
15	3972.48	1	1	24.72	24.02	27.39	40.39
		1	36	24.71	24.14	27.44	40.44
		1	0	19.76	18.87	22.35	35.35
		1	37	19.77	18.95	22.39	35.39
20	3710.01	1	1	24.28	23.51	26.92	39.92
		1	49	24.29	23.69	27.01	40.01
		1	0	19.40	18.56	22.01	35.01
		1	50	19.43	18.75	22.11	35.11
20	3840.00	1	1	24.41	24.11	27.28	40.28
		1	49	24.48	23.99	27.25	40.25
		1	0	19.45	19.09	22.28	35.28
		1	50	19.48	19.01	22.26	35.26
20	3969.99	1	1	24.64	23.89	27.29	40.29
		1	49	24.67	23.95	27.34	40.34
		1	0	19.70	18.91	22.33	35.33
		1	50	19.88	19.10	22.52	35.52
25	3712.50	1	1	24.21	23.67	26.96	39.96
		1	63	24.09	23.80	26.96	39.96
		1	0	19.30	18.75	22.04	35.04
		1	64	19.13	18.87	22.01	35.01
25	3840.00	1	1	24.32	24.25	27.30	40.30
		1	63	24.26	23.95	27.12	40.12
		1	0	19.39	19.24	22.33	35.33

25	3967.50	1	64	19.40	18.94	22.19	35.19
		1	1	24.71	24.12	27.44	40.44
		1	63	24.60	24.06	27.35	40.35
		1	0	19.67	18.95	22.34	35.34
30	3715.02	1	64	19.46	19.16	22.32	35.32
		1	1	24.34	23.58	26.99	39.99
		1	76	24.34	23.65	27.02	40.02
		1	0	19.52	18.70	22.14	35.14
30	3840.00	1	77	19.54	18.77	22.18	35.18
		1	1	24.61	24.15	27.40	40.40
		1	76	24.73	24.92	27.84	40.84
		1	0	19.69	19.20	22.46	35.46
30	3964.98	1	77	19.58	19.05	22.33	35.33
		1	1	24.79	23.94	27.40	40.40
		1	76	24.66	23.97	27.34	40.34
		1	0	19.77	18.95	22.39	35.39
40	3720.00	1	77	19.67	18.94	22.33	35.33
		1	1	24.50	23.73	27.14	40.14
		1	104	24.63	23.86	27.27	40.27
		1	0	19.70	18.96	22.36	35.36
40	3840.00	1	105	19.62	18.91	22.29	35.29
		1	1	24.50	24.13	27.33	40.33
		1	104	24.45	24.11	27.29	40.29
		1	0	19.72	19.33	22.54	35.54
40	3960.00	1	105	19.55	19.05	22.32	35.32
		1	1	24.97	24.11	27.57	40.57
		1	104	24.77	24.21	27.51	40.51
		1	0	19.99	19.08	22.57	35.57
50	3720.00	1	105	19.88	19.14	22.54	35.54
		1	1	24.12	23.24	26.71	39.71
		1	131	24.10	23.45	26.80	39.80
		1	0	19.45	18.49	22.01	35.01
50	3840.00	1	132	19.33	18.59	21.99	34.99
		1	1	24.31	23.92	27.13	40.13
		1	131	24.28	23.76	27.04	40.04
		1	0	19.36	19.06	22.22	35.22
50	3954.99	1	132	19.29	18.95	22.13	35.13
		1	1	24.61	23.81	27.24	40.24
		1	131	24.35	23.68	27.04	40.04
		1	0	19.72	18.87	22.33	35.33
60	3730.02	1	132	19.54	18.83	22.21	35.21
		1	1	24.04	23.27	26.68	39.68
		1	160	24.10	23.42	26.78	39.78

60	3840.00	1	0	19.25	18.45	21.88	34.88
		1	161	19.20	18.48	21.87	34.87
		1	1	24.38	23.92	27.17	40.17
		1	160	24.19	23.76	26.99	39.99
		1	0	19.33	18.99	22.17	35.17
60	3949.98	1	161	19.42	18.80	22.13	35.13
		1	1	24.35	23.73	27.06	40.06
		1	160	24.08	23.64	26.88	39.88
		1	0	19.42	18.79	22.13	35.13
70	3735.00	1	161	19.29	18.77	22.05	35.05
		1	1	23.50	22.84	26.19	39.19
		1	187	23.76	23.08	26.44	39.44
		1	0	18.90	18.12	21.54	34.54
70	3840.00	1	188	18.70	18.10	21.42	34.42
		1	1	23.60	23.24	26.43	39.43
		1	187	23.55	23.41	26.49	39.49
		1	0	18.91	18.42	21.68	34.68
70	3945.00	1	188	18.56	18.21	21.40	34.40
		1	1	24.03	23.44	26.76	39.76
		1	187	23.83	23.40	26.63	39.63
		1	0	19.22	18.44	21.86	34.86
80	3740.01	1	188	18.57	18.38	21.49	34.49
		1	1	23.62	22.82	26.25	39.25
		1	215	23.68	23.03	26.38	39.38
		1	0	18.78	18.10	21.46	34.46
80	3840.00	1	216	18.73	17.98	21.38	34.38
		1	1	23.53	23.24	26.40	39.40
		1	215	23.62	23.29	26.47	39.47
		1	0	18.70	18.43	21.58	34.58
80	3939.99	1	216	18.62	18.31	21.48	34.48
		1	1	24.01	23.25	26.66	39.66
		1	215	23.56	23.28	26.43	39.43
		1	0	18.94	18.34	21.66	34.66
90	3745.02	1	216	18.61	18.24	21.44	34.44
		1	1	23.52	22.70	26.14	39.14
		1	243	23.69	23.06	26.40	39.40
		1	0	18.65	18.06	21.38	34.38
90	3840.00	1	244	18.88	18.19	21.56	34.56
		1	1	23.59	23.29	26.45	39.45
		1	243	23.77	23.32	26.56	39.56
		1	0	18.79	18.44	21.63	34.63
90	3934.98	1	244	18.70	18.24	21.49	34.49
		1	1	23.95	23.28	26.64	39.64

100	3750.00	1	243	23.45	23.27	26.37	39.37
		1	0	19.13	18.34	21.76	34.76
		1	244	18.71	18.53	21.63	34.63
		1	1	23.67	22.91	26.32	39.32
		1	271	23.88	23.23	26.58	39.58
		1	0	18.91	18.11	21.54	34.54
100	3840.00	1	272	18.92	18.22	21.59	34.59
		1	1	23.55	23.45	26.51	39.51
		1	271	23.69	23.22	26.47	39.47
		1	0	18.70	18.48	21.60	34.60
100	3930.00	1	272	18.78	18.28	21.55	34.55
		1	1	23.96	23.33	26.67	39.67
		1	271	23.57	23.50	26.55	39.55
		1	0	18.94	18.39	21.68	34.68
		1	272	18.56	18.35	21.47	34.47

6.2 Radiated Spurious Emission

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

LTE Band 4 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3463.60	-68.78	2.70	12.70	Horizontal	-58.78	-13.00	45.78	270
3	5195.40	-76.54	3.20	12.50	Horizontal	-67.24	-13.00	54.24	45
4	6927.20	-71.93	4.20	11.80	Horizontal	-64.33	-13.00	51.33	95
5	8659.00	-67.45	4.40	12.50	Horizontal	-59.35	-13.00	46.35	174
6	10390.80	-61.36	4.70	11.30	Horizontal	-54.76	-13.00	41.76	198
7	12122.60	-62.55	5.20	13.80	Horizontal	-53.95	-13.00	40.95	170
8	13854.40	-56.35	5.70	11.30	Horizontal	-50.75	-13.00	37.75	24
9	15586.20	-67.08	6.10	16.80	Horizontal	-56.38	-13.00	43.38	147
10	17318.00	-61.16	6.10	14.20	Horizontal	-53.06	-13.00	40.06	154

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 4 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3460.00	-69.26	2.70	12.70	Horizontal	-59.26	-13.00	46.26	95
3	5190.00	-76.56	3.20	12.50	Horizontal	-67.26	-13.00	54.26	55
4	6920.00	-70.59	4.20	11.80	Horizontal	-62.99	-13.00	49.99	154
5	8650.00	-66.79	4.40	12.50	Horizontal	-58.69	-13.00	45.69	256
6	10380.00	-61.13	4.70	11.30	Horizontal	-54.53	-13.00	41.53	124
7	12110.00	-63.30	5.20	13.80	Horizontal	-54.70	-13.00	41.70	41
8	13840.00	-56.81	5.70	11.30	Horizontal	-51.21	-13.00	38.21	27
9	15570.00	-67.06	6.10	16.80	Horizontal	-56.36	-13.00	43.36	195
10	17300.00	-61.56	6.10	14.20	Horizontal	-53.46	-13.00	40.46	82

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 4 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3445.00	-68.80	2.70	12.70	Horizontal	-58.80	-13.00	45.80	180
3	5167.50	-76.12	3.20	12.50	Horizontal	-66.82	-13.00	53.82	147
4	6890.00	-71.52	4.20	11.80	Horizontal	-63.92	-13.00	50.92	270
5	8612.50	-67.54	4.40	12.50	Horizontal	-59.44	-13.00	46.44	147
6	10335.00	-62.44	4.70	11.30	Horizontal	-55.84	-13.00	42.84	90
7	12057.50	-63.25	5.20	13.80	Horizontal	-54.65	-13.00	41.65	22
8	13780.00	-56.63	5.70	11.30	Horizontal	-51.03	-13.00	38.03	180
9	15502.50	-67.05	6.10	16.80	Horizontal	-56.35	-13.00	43.35	31
10	17225.00	-61.43	6.10	14.20	Horizontal	-53.33	-13.00	40.33	18

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 7 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5065.80	-60.17	3.40	12.50	Horizontal	-51.07	-25.00	26.07	0
3	7598.60	-55.14	4.40	12.20	Horizontal	-47.34	-25.00	22.34	5
4	10130.63	-51.51	4.70	11.30	Horizontal	-44.91	-25.00	19.91	50
5	12675.00	-51.50	5.40	13.20	Horizontal	-43.70	-25.00	18.70	110
6	15210.00	-51.16	6.10	13.10	Horizontal	-44.16	-25.00	19.16	130
7	17745.00	-52.17	6.10	14.20	Horizontal	-44.07	-25.00	19.07	20
8	20280.00	--	--	--	--	--	--	--	--
9	22815.00	--	--	--	--	--	--	--	--
10	25350.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 7 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5052.20	-62.85	3.40	12.50	Horizontal	-53.75	-25.00	28.75	20
3	7578.30	-55.97	4.40	12.20	Horizontal	-48.17	-25.00	23.17	30
4	10104.40	-50.45	4.70	11.30	Horizontal	-43.85	-25.00	18.85	12
5	12630.50	-51.80	5.40	13.20	Horizontal	-44.00	-25.00	19.00	65
6	15156.60	-52.53	6.10	13.10	Horizontal	-45.53	-25.00	20.53	98
7	17745.00	-50.92	6.10	14.20	Horizontal	-42.82	-25.00	17.82	315
8	20208.80	--	--	--	--	--	--	--	--
9	22734.90	--	--	--	--	--	--	--	--
10	25261.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 12 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1413.60	-68.39	1.70	8.70	Horizontal	-63.54	-13.00	50.54	20
3	2120.40	-65.12	2.10	11.10	Horizontal	-58.27	-13.00	45.27	30
4	2827.20	-67.80	2.30	13.10	Horizontal	-59.15	-13.00	46.15	0
5	3537.50	-67.30	2.60	12.70	Horizontal	-59.35	-13.00	46.35	0
6	4245.00	-63.03	3.30	12.50	Horizontal	-55.98	-13.00	42.98	120
7	4952.50	-57.36	3.40	12.50	Horizontal	-50.41	-13.00	37.41	50
8	5660.00	-62.21	3.30	12.50	Horizontal	-55.16	-13.00	42.16	30
9	6367.50	-58.14	3.80	11.50	Horizontal	-52.59	-13.00	39.59	0
10	7075.00	-55.04	4.20	11.80	Horizontal	-49.59	-13.00	36.59	315

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 12 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1410.60	-68.85	1.70	8.70	Horizontal	-64.00	-13.00	51.00	50
3	2115.90	-66.70	2.10	11.10	Horizontal	-59.85	-13.00	46.85	20
4	2820.00	-67.93	2.30	13.10	Horizontal	-59.28	-13.00	46.28	0
5	3525.00	-66.31	2.60	12.70	Horizontal	-58.36	-13.00	45.36	60
6	4230.00	-64.15	3.30	12.50	Horizontal	-57.10	-13.00	44.10	20
7	4935.00	-64.48	3.40	12.50	Horizontal	-57.53	-13.00	44.53	20
8	5640.00	-60.32	3.30	12.50	Horizontal	-53.27	-13.00	40.27	30
9	6345.00	-56.19	3.80	11.50	Horizontal	-50.64	-13.00	37.64	50
10	7050.00	-53.79	4.20	11.80	Horizontal	-48.34	-13.00	35.34	0

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 12 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1405.00	-69.03	1.70	8.70	Horizontal	-64.18	-13.00	51.18	0
3	2107.50	-67.27	2.10	11.10	Horizontal	-60.42	-13.00	47.42	110
4	2810.00	-67.94	2.30	13.10	Horizontal	-59.29	-13.00	46.29	120
5	3512.50	-65.47	2.60	12.70	Horizontal	-57.52	-13.00	44.52	23
6	4215.00	-63.15	3.30	12.50	Horizontal	-56.10	-13.00	43.10	21
7	4917.50	-63.50	3.40	12.50	Horizontal	-56.55	-13.00	43.55	52
8	5620.00	-61.31	3.30	12.50	Horizontal	-54.26	-13.00	41.26	60
9	6322.50	-57.17	3.80	11.50	Horizontal	-51.62	-13.00	38.62	20
10	7025.00	-53.85	4.20	11.80	Horizontal	-48.40	-13.00	35.40	3

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 13 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1559.00	-70.07	1.70	8.70	Horizontal	-63.07	-40.00	23.07	0
3	2196.44	-64.94	2.10	12.00	Horizontal	-57.19	-13.00	44.19	0
4	3118.00	-67.08	2.30	13.10	Horizontal	-58.43	-13.00	45.43	20
5	3897.50	-65.10	2.90	12.50	Horizontal	-57.65	-13.00	44.65	50
6	4677.00	-64.51	3.10	12.50	Horizontal	-57.26	-13.00	44.26	30
7	5456.50	-62.87	3.30	12.50	Horizontal	-55.82	-13.00	42.82	5
8	6236.00	-58.03	3.50	12.80	Horizontal	-50.88	-13.00	37.88	0
9	7015.50	-53.96	4.20	11.80	Horizontal	-48.51	-13.00	35.51	63
10	7795.00	-54.86	4.40	12.30	Horizontal	-49.11	-13.00	36.11	180

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 13 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1572.46	-69.92	1.70	8.70	Horizontal	-62.92	-40.00	22.92	180
3	2332.71	-63.98	2.10	12.00	Horizontal	-56.23	-13.00	43.23	0
4	3108.00	-66.60	2.30	13.10	Horizontal	-57.95	-13.00	44.95	50
5	3885.00	-61.23	2.90	12.50	Horizontal	-53.78	-13.00	40.78	20
6	4662.00	-62.68	3.10	12.50	Horizontal	-55.43	-13.00	42.43	30
7	5439.00	-63.10	3.30	12.50	Horizontal	-56.05	-13.00	43.05	5
8	6216.00	-59.75	3.50	12.80	Horizontal	-52.60	-13.00	39.60	0
9	6993.00	-53.74	4.20	11.80	Horizontal	-48.29	-13.00	35.29	315
10	7770.00	-54.87	4.40	12.30	Horizontal	-49.12	-13.00	36.12	0

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 17 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1415.00	-68.36	1.70	8.70	Horizontal	-63.51	-13.00	50.51	20
3	2122.50	-66.37	2.10	11.10	Horizontal	-59.52	-13.00	46.52	0
4	2830.00	-67.26	2.50	13.10	Horizontal	-58.81	-13.00	45.81	315
5	3118.00	-65.97	2.60	12.70	Horizontal	-58.02	-13.00	45.02	30
6	3897.50	-63.33	3.30	12.50	Horizontal	-56.28	-13.00	43.28	20
7	4677.00	-64.11	3.40	12.50	Horizontal	-57.16	-13.00	44.16	65
8	5456.50	-62.51	3.40	12.80	Horizontal	-55.26	-13.00	42.26	48
9	6236.00	-58.01	4.10	11.50	Horizontal	-52.76	-13.00	39.76	52
10	7015.50	-54.41	4.20	12.20	Horizontal	-48.56	-13.00	35.56	315

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 17 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1410.00	-67.82	1.70	8.70	Horizontal	-62.97	-13.00	49.97	30
3	2115.00	-66.95	2.10	11.10	Horizontal	-60.10	-13.00	47.10	52
4	2820.00	-66.70	2.50	13.10	Horizontal	-58.25	-13.00	45.25	10
5	3108.00	-65.70	2.60	12.70	Horizontal	-57.75	-13.00	44.75	60
6	3885.00	-64.08	3.30	12.50	Horizontal	-57.03	-13.00	44.03	30
7	4662.00	-64.07	3.40	12.50	Horizontal	-57.12	-13.00	44.12	50
8	5439.00	-62.82	3.40	12.80	Horizontal	-55.57	-13.00	42.57	2
9	6216.00	-57.66	4.10	11.50	Horizontal	-52.41	-13.00	39.41	310
10	6993.00	-58.11	4.20	12.20	Horizontal	-52.26	-13.00	39.26	50

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 30 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	4615.88	-67.16	3.10	12.50	Horizontal	-57.76	-40.00	17.76	49
3	7138.50	-66.12	4.20	11.80	Horizontal	-58.52	-40.00	18.52	273
4	9231.00	-61.40	4.30	11.60	Horizontal	-54.10	-40.00	14.10	11
5	11539.50	-58.64	5.90	11.90	Horizontal	-52.64	-40.00	12.64	136
6	13847.06	-57.25	5.70	11.30	Horizontal	-51.65	-40.00	11.65	22
7	16133.40	-67.77	6.00	17.00	Horizontal	-56.77	-40.00	16.77	280
8	18419.74	--	--	--	--	--	--	--	--
9	20706.08	--	--	--	--	--	--	--	--
10	22992.41	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 30 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	4611.00	-67.13	3.10	12.50	Horizontal	-57.73	-40.00	17.73	13
3	6916.50	-71.98	4.20	11.80	Horizontal	-64.38	-40.00	24.38	236
4	9222.00	-61.24	4.30	11.60	Horizontal	-53.94	-40.00	13.94	49
5	11528.25	-58.95	5.90	11.90	Horizontal	-52.95	-40.00	12.95	15
6	13833.75	-57.15	5.70	11.30	Horizontal	-51.55	-40.00	11.55	60
7	16139.48	-67.33	6.00	17.00	Horizontal	-56.33	-40.00	16.33	183
8	18445.20	--	--	--	--	--	--	--	--
9	20750.93	--	--	--	--	--	--	--	--
10	23056.65	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 38 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5185.00	-64.54	3.20	12.50	Horizontal	-55.24	-25.00	30.24	120
3	7777.50	-57.08	4.40	12.30	Horizontal	-49.18	-25.00	24.18	30
4	10370.00	-52.40	4.70	11.80	Horizontal	-45.30	-25.00	20.30	60
5	12962.50	-53.12	5.40	14.00	Horizontal	-44.52	-25.00	19.52	5
6	15555.00	-56.16	6.10	16.80	Horizontal	-45.46	-25.00	20.46	0
7	18147.50	--	--	--	--	--	--	--	--
8	20740.00	--	--	--	--	--	--	--	--
9	23332.50	--	--	--	--	--	--	--	--
10	25925.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 38 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5170.00	-63.15	3.20	12.50	Horizontal	-53.85	-25.00	28.85	0
3	7755.00	-57.67	4.40	12.30	Horizontal	-49.77	-25.00	24.77	120
4	10340.00	-51.66	4.70	11.80	Horizontal	-44.56	-25.00	19.56	50
5	12925.00	-51.69	5.40	14.00	Horizontal	-43.09	-25.00	18.09	60
6	15510.00	-55.71	6.10	16.80	Horizontal	-45.01	-25.00	20.01	130
7	18095.00	--	--	--	--	--	--	--	--
8	20680.00	--	--	--	--	--	--	--	--
9	23265.00	--	--	--	--	--	--	--	--
10	25850.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 41 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5181.00	-60.82	3.20	12.50	Horizontal	-51.52	-25.00	26.52	0
3	7771.50	-56.37	4.40	12.30	Horizontal	-48.47	-25.00	23.47	20
4	10362.00	-51.25	4.70	11.80	Horizontal	-44.15	-25.00	19.15	30
5	12952.50	-52.90	5.40	14.00	Horizontal	-44.30	-25.00	19.30	50
6	15543.00	-56.94	6.10	16.80	Horizontal	-46.24	-25.00	21.24	120
7	18133.50	--	--	--	--	--	--	--	--
8	20724.00	--	--	--	--	--	--	--	--
9	23314.50	--	--	--	--	--	--	--	--
10	25905.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

LTE Band 41 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5176.00	-60.61	3.20	12.50	Horizontal	-51.31	-25.00	26.31	20
3	7764.00	-57.63	4.40	12.30	Horizontal	-49.73	-25.00	24.73	30
4	10352.00	-51.24	4.70	11.80	Horizontal	-44.14	-25.00	19.14	50
5	12940.00	-51.41	5.40	14.00	Horizontal	-42.81	-25.00	17.81	120
6	15528.00	-56.67	6.10	16.80	Horizontal	-45.97	-25.00	20.97	0
7	18116.00	--	--	--	--	--	--	--	--
8	20704.00	--	--	--	--	--	--	--	--
9	23292.00	--	--	--	--	--	--	--	--
10	25880.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 66 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3488.60	-64.10	2.70	12.70	Horizontal	-54.10	-13.00	41.10	20
3	5232.90	-75.40	3.20	12.50	Horizontal	-66.10	-13.00	53.10	60
4	6977.20	-71.25	4.20	11.80	Horizontal	-63.65	-13.00	50.65	20
5	8721.50	-66.62	4.40	12.50	Horizontal	-58.52	-13.00	45.52	130
6	10465.80	-63.48	4.70	11.80	Horizontal	-56.38	-13.00	43.38	20
7	12210.10	-63.05	5.20	13.80	Horizontal	-54.45	-13.00	41.45	10
8	13954.40	-59.56	5.70	13.20	Horizontal	-52.06	-13.00	39.06	0
9	15698.70	-67.31	6.10	16.80	Horizontal	-56.61	-13.00	43.61	110
10	17443.00	-61.56	6.10	14.20	Horizontal	-53.46	-13.00	40.46	0

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 66 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3485.00	-64.60	2.70	12.70	Horizontal	-54.60	-13.00	41.60	20
3	5227.50	-75.51	3.20	12.50	Horizontal	-66.21	-13.00	53.21	30
4	6970.00	-71.32	4.20	11.80	Horizontal	-63.72	-13.00	50.72	60
5	8712.50	-66.11	4.40	12.50	Horizontal	-58.01	-13.00	45.01	15
6	10455.00	-62.26	4.70	11.80	Horizontal	-55.16	-13.00	42.16	0
7	12197.50	-61.45	5.20	13.80	Horizontal	-52.85	-13.00	39.85	5
8	13940.00	-60.06	5.70	13.20	Horizontal	-52.56	-13.00	39.56	110
9	15682.50	-68.06	6.10	16.80	Horizontal	-57.36	-13.00	44.36	90
10	17425.00	-61.96	6.10	14.20	Horizontal	-53.86	-13.00	40.86	0

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 66 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3470.00	-64.25	2.70	12.70	Horizontal	-54.25	-13.00	41.25	0
3	5205.00	-74.86	3.20	12.50	Horizontal	-65.56	-13.00	52.56	120
4	6940.00	-70.93	4.20	11.80	Horizontal	-63.33	-13.00	50.33	30
5	8675.00	-65.73	4.40	12.50	Horizontal	-57.63	-13.00	44.63	50
6	10410.00	-62.84	4.70	11.80	Horizontal	-55.74	-13.00	42.74	60
7	12145.00	-63.08	5.20	13.80	Horizontal	-54.48	-13.00	41.48	5
8	13880.00	-59.03	5.70	13.20	Horizontal	-51.53	-13.00	38.53	110
9	15615.00	-67.06	6.10	16.80	Horizontal	-56.36	-13.00	43.36	0
10	17350.00	-61.53	6.10	14.20	Horizontal	-53.43	-13.00	40.43	120

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 71 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1431.00	-66.75	1.70	8.70	Horizontal	-59.75	-13.00	46.75	256
3	2146.50	-69.48	2.10	11.10	Horizontal	-60.48	-13.00	47.48	33
4	2862.00	-69.53	2.30	13.10	Horizontal	-58.73	-13.00	45.73	0
5	3577.50	-68.12	2.60	12.70	Horizontal	-58.02	-13.00	45.02	4
6	4293.00	-65.92	3.30	12.50	Horizontal	-56.72	-13.00	43.72	48
7	5008.50	-60.48	3.40	12.50	Horizontal	-51.38	-13.00	38.38	68
8	5724.00	-63.56	3.30	12.50	Horizontal	-54.36	-13.00	41.36	228
9	6439.50	-61.93	3.80	11.50	Horizontal	-54.23	-13.00	41.23	302
10	7155.00	-56.28	4.20	11.80	Horizontal	-48.68	-13.00	35.68	48

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

LTE Band 71 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1418.20	-67.45	1.70	8.70	Horizontal	-60.45	-13.00	47.45	65
3	2014.73	-67.46	2.10	11.10	Horizontal	-58.46	-13.00	45.46	32
4	2836.40	-70.40	2.30	13.10	Horizontal	-59.60	-13.00	46.60	315
5	3545.50	-67.21	2.60	12.70	Horizontal	-57.11	-13.00	44.11	315
6	4254.60	-66.19	3.30	12.50	Horizontal	-56.99	-13.00	43.99	315
7	4963.70	-65.71	3.40	12.50	Horizontal	-56.61	-13.00	43.61	0
8	5672.80	-63.94	3.30	12.50	Horizontal	-54.74	-13.00	41.74	3
9	6381.90	-60.07	3.80	11.50	Horizontal	-52.37	-13.00	39.37	0
10	7091.00	-56.36	4.20	11.80	Horizontal	-48.76	-13.00	35.76	23

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_7C QPSK 20MHz+20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5032.40	-64.49	3.40	12.50	Horizontal	-55.39	-25.00	30.39	27
3	7545.30	-55.75	4.40	12.20	Horizontal	-47.95	-25.00	22.95	0
4	10060.40	-52.88	4.70	11.30	Horizontal	-46.28	-25.00	21.28	32
5	12575.50	-52.07	5.40	13.20	Horizontal	-44.27	-25.00	19.27	315
6	15090.60	-52.86	6.10	13.10	Horizontal	-45.86	-25.00	20.86	23
7	17605.70	-52.90	6.10	14.20	Horizontal	-44.80	-25.00	19.80	117
8	20120.80	--	--	--	--	--	--	--	--
9	22635.90	--	--	--	--	--	--	--	--
10	25151.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

CA_7C QPSK 15MHz+15MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5070.00	-64.69	3.40	12.50	Horizontal	-55.59	-25.00	30.59	11
3	7605.00	-55.78	4.40	12.20	Horizontal	-47.98	-25.00	22.98	14
4	10140.00	-52.86	4.70	11.30	Horizontal	-46.26	-25.00	21.26	274
5	12675.00	-51.36	5.40	13.20	Horizontal	-43.56	-25.00	18.56	287
6	15210.00	-52.71	6.10	13.10	Horizontal	-45.71	-25.00	20.71	23
7	17745.00	-52.85	6.10	14.20	Horizontal	-44.75	-25.00	19.75	180
8	20280.00	--	--	--	--	--	--	--	--
9	22815.00	--	--	--	--	--	--	--	--
10	25350.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

CA_7C QPSK 20MHz+10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5040.20	-64.89	3.40	12.50	Horizontal	-55.79	-25.00	30.79	40
3	7560.30	-56.48	4.40	12.20	Horizontal	-48.68	-25.00	23.68	14
4	10080.40	-53.24	4.70	11.30	Horizontal	-46.64	-25.00	21.64	115
5	12600.50	-51.67	5.40	13.20	Horizontal	-43.87	-25.00	18.87	287
6	15120.60	-52.17	6.10	13.10	Horizontal	-45.17	-25.00	20.17	270
7	17640.70	-51.26	6.10	14.20	Horizontal	-43.16	-25.00	18.16	72
8	20160.80	--	--	--	--	--	--	--	--
9	22680.90	--	--	--	--	--	--	--	--
10	25201.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_7C QPSK 10MHz+20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5001.00	-60.61	3.40	12.50	Horizontal	-51.51	-25.00	26.51	22
3	7501.50	-55.52	4.40	12.20	Horizontal	-47.72	-25.00	22.72	14
4	10002.00	-54.83	4.70	11.30	Horizontal	-48.23	-25.00	23.23	201
5	12502.50	-52.27	5.40	13.20	Horizontal	-44.47	-25.00	19.47	287
6	15003.00	-50.94	6.10	13.10	Horizontal	-43.94	-25.00	18.94	311
7	17503.50	-51.83	6.10	14.20	Horizontal	-43.73	-25.00	18.73	180
8	20004.00	--	--	--	--	--	--	--	--
9	22504.50	--	--	--	--	--	--	--	--
10	25005.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_38C QPSK 15M+15M CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5160.00	-66.39	3.20	12.50	Horizontal	-57.09	-25.00	32.09	220
3	7740.00	-57.39	4.40	12.30	Horizontal	-49.49	-25.00	24.49	61
4	10320.00	-53.22	4.70	11.80	Horizontal	-46.12	-25.00	21.12	32
5	12900.00	-51.55	5.40	14.00	Horizontal	-42.95	-25.00	17.95	224
6	15480.00	-55.29	6.10	16.80	Horizontal	-44.59	-25.00	19.59	184
7	18060.00	--	--	--	--	--	--	--	--
8	20640.00	--	--	--	--	--	--	--	--
9	23220.00	--	--	--	--	--	--	--	--
10	25800.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

CA_38C QPSK 20M+20M CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5150.20	-65.60	3.20	12.50	Horizontal	-56.30	-25.00	31.30	6
3	7725.30	-57.78	4.40	12.30	Horizontal	-49.88	-25.00	24.88	98
4	10300.40	-53.01	4.70	11.80	Horizontal	-45.91	-25.00	24.88	154
5	12875.50	-52.41	5.40	14.00	Horizontal	-43.81	-25.00	18.81	65
6	15450.60	-55.43	6.10	16.80	Horizontal	-44.73	-25.00	19.73	112
7	18025.70	--	--	--	--	--	--	--	--
8	20600.80	--	--	--	--	--	--	--	--
9	23175.90	--	--	--	--	--	--	--	--
10	25751.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Horizontal position.

CA_41C QPSK 20M+20M CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5146.20	-65.12	3.20	12.50	Horizontal	-55.82	-25.00	30.82	224
3	7719.30	-56.97	4.40	12.30	Horizontal	-49.07	-25.00	24.07	14
4	10292.40	-52.67	4.70	11.80	Horizontal	-45.57	-25.00	20.57	311
5	12865.50	-51.82	5.40	14.00	Horizontal	-43.22	-25.00	18.22	287
6	15438.60	-55.40	6.10	16.80	Horizontal	-44.70	-25.00	19.70	180
7	18011.70	--	--	--	--	--	--	--	--
8	20584.80	--	--	--	--	--	--	--	--
9	23157.90	--	--	--	--	--	--	--	--
10	25731.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_41C QPSK 15M+15M CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5156.00	-65.06	3.20	12.50	Horizontal	-55.76	-25.00	30.76	24
3	7734.00	-57.88	4.40	12.30	Horizontal	-49.98	-25.00	24.98	112
4	10312.00	-52.86	4.70	11.80	Horizontal	-45.76	-25.00	20.76	47
5	12890.00	-51.87	5.40	14.00	Horizontal	-43.27	-25.00	18.27	270
6	15468.00	-56.25	6.10	16.80	Horizontal	-45.55	-25.00	20.55	96
7	18046.00	--	--	--	--	--	--	--	--
8	20624.00	--	--	--	--	--	--	--	--
9	23202.00	--	--	--	--	--	--	--	--
10	25780.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_41C QPSK 20M+5M CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	4992.00	-60.98	3.20	12.50	Horizontal	-51.68	-25.00	26.68	90
3	7488.00	-57.25	4.40	12.30	Horizontal	-49.35	-25.00	24.35	147
4	9984.00	-54.70	4.70	11.80	Horizontal	-47.60	-25.00	22.60	308
5	12480.00	-53.58	5.40	14.00	Horizontal	-44.98	-25.00	19.98	18
6	14976.00	-54.56	6.10	16.80	Horizontal	-43.86	-25.00	18.86	214
7	17472.00	-52.09	6.10	14.20	Horizontal	-43.99	-25.00	18.99	114
8	19968.00	--	--	--	--	--	--	--	--
9	22464.00	--	--	--	--	--	--	--	--
10	24960.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_41C QPSK 5M+20M CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	4993.60	-62.59	3.20	12.50	Horizontal	-53.29	-25.00	28.29	198
3	7490.40	-56.45	4.40	12.30	Horizontal	-48.55	-25.00	23.55	24
4	9987.20	-54.62	4.70	11.80	Horizontal	-47.52	-25.00	22.52	18
5	12484.00	-54.55	5.40	14.00	Horizontal	-45.95	-25.00	20.95	33
6	14980.80	-54.47	6.10	16.80	Horizontal	-43.77	-25.00	18.77	221
7	17477.60	-52.99	6.10	14.20	Horizontal	-44.89	-25.00	19.89	18
8	19974.40	--	--	--	--	--	--	--	--
9	22471.20	--	--	--	--	--	--	--	--
10	24968.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_66C QPSK 20M+20M CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3470.20	-71.67	2.70	12.70	Horizontal	-61.67	-13.00	48.67	147
3	5205.30	-75.67	3.20	12.50	Horizontal	-66.37	-13.00	53.37	33
4	6940.40	-70.97	4.20	11.80	Horizontal	-63.37	-13.00	50.37	105
5	8675.50	-66.25	4.40	12.50	Horizontal	-58.15	-13.00	45.15	48
6	10410.60	-61.37	4.70	11.80	Horizontal	-54.27	-13.00	41.27	90
7	12145.70	-62.41	5.20	13.80	Horizontal	-53.81	-13.00	40.81	214
8	13880.80	-58.99	5.70	13.20	Horizontal	-51.49	-13.00	38.49	150
9	15615.90	-67.79	6.10	16.80	Horizontal	-57.09	-13.00	44.09	22
10	17351.00	-61.88	6.10	14.20	Horizontal	-53.78	-13.00	40.78	91

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_66C QPSK 15M+15M CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3480.00	-73.24	2.70	12.70	Horizontal	-63.24	-13.00	50.24	145
3	5220.00	-76.00	3.20	12.50	Horizontal	-66.70	-13.00	53.70	201
4	6960.00	-61.17	4.20	11.80	Horizontal	-53.57	-13.00	40.57	111
5	8700.00	-65.80	4.40	12.50	Horizontal	-57.70	-13.00	44.70	180
6	10440.00	-61.79	4.70	11.80	Horizontal	-54.69	-13.00	41.69	90
7	12180.00	-62.02	5.20	13.80	Horizontal	-53.42	-13.00	40.42	0
8	13920.00	-59.79	5.70	13.20	Horizontal	-52.29	-13.00	39.29	44
9	15660.00	-67.92	6.10	16.80	Horizontal	-57.22	-13.00	44.22	147
10	17400.00	-61.56	6.10	14.20	Horizontal	-53.46	-13.00	40.46	174

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_66C QPSK 10M+15M CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3485.80	-71.51	2.70	12.70	Horizontal	-61.51	-13.00	48.51	144
3	5228.70	-75.70	3.20	12.50	Horizontal	-66.40	-13.00	53.40	22
4	6971.60	-71.04	4.20	11.80	Horizontal	-63.44	-13.00	50.44	95
5	8714.50	-65.77	4.40	12.50	Horizontal	-57.67	-13.00	44.67	247
6	10457.40	-61.94	4.70	11.80	Horizontal	-54.84	-13.00	41.84	180
7	12200.30	-62.23	5.20	13.80	Horizontal	-53.63	-13.00	40.63	90
8	13943.20	-60.81	5.70	13.20	Horizontal	-53.31	-13.00	40.31	31
9	15686.10	-69.21	6.10	16.80	Horizontal	-58.51	-13.00	45.51	114
10	17429.00	-62.46	6.10	14.20	Horizontal	-54.36	-13.00	41.36	85

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

CA_66C QPSK 15M+10M CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3485.20	-73.04	2.70	12.70	Horizontal	-63.04	-13.00	50.04	90
3	5227.80	-74.44	3.20	12.50	Horizontal	-65.14	-13.00	52.14	247
4	6970.40	-71.18	4.20	11.80	Horizontal	-63.58	-13.00	50.58	180
5	8713.00	-66.58	4.40	12.50	Horizontal	-58.48	-13.00	45.48	99
6	10455.60	-61.97	4.70	11.80	Horizontal	-54.87	-13.00	41.87	45
7	12198.20	-63.51	5.20	13.80	Horizontal	-54.91	-13.00	41.91	147
8	13940.80	-59.37	5.70	13.20	Horizontal	-51.87	-13.00	38.87	140
9	15683.40	-68.52	6.10	16.80	Horizontal	-57.82	-13.00	44.82	21
10	17426.00	-62.04	6.10	14.20	Horizontal	-53.94	-13.00	40.94	0

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

NR n7 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5305.00	-65.29	3.40	12.50	Vertical	-56.19	-25.00	31.19	95
3	7957.50	-55.25	4.40	12.20	Vertical	-47.45	-25.00	22.45	32
4	10610.00	-50.68	4.70	11.30	Vertical	-44.08	-25.00	19.08	111
5	13262.50	-51.23	5.40	13.20	Vertical	-43.43	-25.00	18.43	270
6	15915.00	-54.68	6.10	13.10	Vertical	-47.68	-25.00	22.68	180
7	18567.50	--	--	--	--	--	--	--	--
8	21220.00	--	--	--	--	--	--	--	--
9	23872.50	--	--	--	--	--	--	--	--
10	26525.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n7 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5300.00	-65.05	3.40	12.50	Vertical	-55.95	-25.00	30.95	195
3	7950.00	-55.48	4.40	12.20	Vertical	-47.68	-25.00	22.68	36
4	10600.00	-51.00	4.70	11.30	Vertical	-44.40	-25.00	19.40	258
5	13250.00	-51.11	5.40	13.20	Vertical	-43.31	-25.00	18.31	33
6	15900.00	-55.59	6.10	13.10	Vertical	-48.59	-25.00	23.59	188
7	18550.00	--	--	--	--	--	--	--	--
8	21200.00	--	--	--	--	--	--	--	--
9	23850.00	--	--	--	--	--	--	--	--
10	26500.00	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n7 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5290.00	-62.41	3.40	12.50	Vertical	-53.31	-25.00	28.31	65
3	7935.00	-54.52	4.40	12.20	Vertical	-46.72	-25.00	21.72	36
4	10580.00	-50.96	4.70	11.30	Vertical	-44.36	-25.00	19.36	125
5	13225.00	-49.44	5.40	13.20	Vertical	-41.64	-25.00	16.64	33
6	15870.00	-54.53	6.10	13.10	Vertical	-47.53	-25.00	22.53	0
7	18515.00	--	--	--	--	--	--	--	--
8	21160.00	--	--	--	--	--	--	--	--
9	23805.00	--	--	--	--	--	--	--	--
10	26450.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n12 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1410.00	-69.45	1.70	8.70	Vertical	-64.60	-13.00	51.60	90
3	2116.20	-68.83	2.10	11.10	Vertical	-61.98	-13.00	48.98	180
4	2820.00	-67.62	2.30	13.10	Vertical	-58.97	-13.00	45.97	147
5	3525.00	-65.90	2.60	12.70	Vertical	-57.95	-13.00	44.95	33
6	4230.00	-63.69	3.30	12.50	Vertical	-56.64	-13.00	43.64	312
7	4935.00	-63.17	3.40	12.50	Vertical	-56.22	-13.00	43.22	47
8	5640.00	-62.85	3.30	12.50	Vertical	-55.80	-13.00	42.80	117
9	6345.00	-58.53	3.80	11.50	Vertical	-52.98	-13.00	39.98	28
10	7050.00	-54.62	4.20	11.80	Vertical	-49.17	-13.00	36.17	270
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n12 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1405.00	-69.67	1.70	8.70	Vertical	-64.82	-13.00	51.82	31
3	2108.93	-68.60	2.10	11.10	Vertical	-61.75	-13.00	48.75	276
4	2810.00	-67.97	2.30	13.10	Vertical	-59.32	-13.00	46.32	270
5	3512.50	-66.30	2.60	12.70	Vertical	-58.35	-13.00	45.35	187
6	4215.00	-63.68	3.30	12.50	Vertical	-56.63	-13.00	43.63	30
7	4917.50	-63.15	3.40	12.50	Vertical	-56.20	-13.00	43.20	63
8	5620.00	-62.60	3.30	12.50	Vertical	-55.55	-13.00	42.55	79
9	6322.50	-58.45	3.80	11.50	Vertical	-52.90	-13.00	39.90	244
10	7025.00	-55.66	4.20	11.80	Vertical	-50.21	-13.00	37.21	193

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n12 QPSK 15MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1400.00	-68.03	1.70	8.70	Vertical	-63.18	-13.00	50.18	33
3	2101.50	-68.73	2.10	11.10	Vertical	-61.88	-13.00	48.88	315
4	2800.00	-68.18	2.30	13.10	Vertical	-59.53	-13.00	46.53	45
5	3500.00	-65.77	2.60	12.70	Vertical	-57.82	-13.00	44.82	188
6	4200.00	-63.98	3.30	12.50	Vertical	-56.93	-13.00	43.93	0
7	4900.00	-63.26	3.40	12.50	Vertical	-56.31	-13.00	43.31	18
8	5600.00	-63.27	3.30	12.50	Vertical	-56.22	-13.00	43.22	211
9	6300.00	-58.41	3.80	11.50	Vertical	-52.86	-13.00	39.86	6
10	7000.00	-55.56	4.20	11.80	Vertical	-50.11	-13.00	37.11	254

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n13 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1550.78	-70.76	1.70	8.70	Vertical	-63.76	-40.00	23.76	174
3	2331.75	-66.63	2.10	12.00	Vertical	-58.88	-13.00	45.88	180
4	3109.00	-67.28	2.30	13.10	Vertical	-58.63	-13.00	45.63	59
5	3886.25	-65.79	2.90	12.50	Vertical	-58.34	-13.00	45.34	32
6	4663.50	-65.01	3.10	12.50	Vertical	-57.76	-13.00	44.76	178
7	5440.75	-62.40	3.30	12.50	Vertical	-55.35	-13.00	42.35	99
8	6218.00	-59.51	3.50	12.80	Vertical	-52.36	-13.00	39.36	45
9	6995.25	-58.15	4.20	11.80	Vertical	-52.70	-13.00	39.70	22
10	7772.50	-55.25	4.40	12.30	Vertical	-49.50	-13.00	36.50	122

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n13 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1560.14	-79.77	1.70	8.70	Vertical	-72.77	-40.00	32.77	182
3	2316.96	-66.32	2.10	12.00	Vertical	-58.57	-13.00	45.57	45
4	3089.28	-67.14	2.30	13.10	Vertical	-58.49	-13.00	45.49	174
5	3861.60	-65.93	2.90	12.50	Vertical	-58.48	-13.00	45.48	180
6	4633.92	-64.95	3.10	12.50	Vertical	-57.70	-13.00	44.70	147
7	5406.24	-62.85	3.30	12.50	Vertical	-55.80	-13.00	42.80	245
8	6178.56	-60.59	3.50	12.80	Vertical	-53.44	-13.00	40.44	315
9	6950.88	-58.12	4.20	11.80	Vertical	-52.67	-13.00	39.67	90
10	7723.20	-54.89	4.40	12.30	Vertical	-49.14	-13.00	36.14	145

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n38 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5180.98	-65.74	3.20	12.50	Vertical	-56.44	-25.00	31.44	180
3	7771.47	-56.96	4.40	12.30	Vertical	-49.06	-25.00	24.06	240
4	10361.96	-52.89	4.70	11.80	Vertical	-45.79	-25.00	20.79	75
5	12952.45	-51.90	5.40	14.00	Vertical	-43.30	-25.00	18.30	160
6	15542.94	-55.79	6.10	16.80	Vertical	-45.09	-25.00	20.09	95
7	18133.43	--	--	--	--	--	--	--	--
8	20723.92	--	--	--	--	--	--	--	--
9	23314.41	--	--	--	--	--	--	--	--
10	25904.90	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n38 QPSK 15MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5135.98	-66.26	3.20	12.50	Vertical	-56.96	-25.00	31.96	90
3	7703.97	-58.32	4.40	12.30	Vertical	-50.42	-25.00	25.42	199
4	10271.96	-53.13	4.70	11.80	Vertical	-46.03	-25.00	21.03	180
5	12839.95	-52.46	5.40	14.00	Vertical	-43.86	-25.00	18.86	268
6	15407.94	-57.40	6.10	16.80	Vertical	-46.70	-25.00	21.70	224
7	17975.93	-55.10	5.70	14.15	Vertical	-46.65	-25.00	21.65	174
8	20543.92	--	--	--	--	--	--	--	--
9	23111.91	--	--	--	--	--	--	--	--
10	25679.90	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n38 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5085.98	-64.03	3.20	12.50	Vertical	-54.73	-25.00	29.73	158
3	7628.97	-57.09	4.40	12.30	Vertical	-49.19	-25.00	24.19	245
4	10171.96	-52.91	4.70	11.80	Vertical	-45.81	-25.00	20.81	260
5	12714.95	-52.49	5.40	14.00	Vertical	-43.89	-25.00	18.89	49
6	15257.94	-56.85	6.10	16.80	Vertical	-46.15	-25.00	21.15	31
7	17800.93	--	--	--	--	--	--	--	--
8	20343.92	--	--	--	--	--	--	--	--
9	22886.91	--	--	--	--	--	--	--	--
10	25429.90	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

NR n41 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5180.98	-68.61	3.20	12.50	Vertical	-59.31	-25.00	34.31	99
3	7771.47	-64.68	4.40	12.30	Vertical	-56.78	-25.00	31.78	136
4	10361.96	-58.09	4.70	11.80	Vertical	-50.99	-25.00	25.99	270
5	12952.45	-55.86	5.40	14.00	Vertical	-47.26	-25.00	22.26	48
6	15542.94	-63.17	6.10	16.80	Vertical	-52.47	-25.00	27.47	180
7	18133.43	--	--	--	--	--	--	--	--
8	20723.92	--	--	--	--	--	--	--	--
9	23314.41	--	--	--	--	--	--	--	--
10	25904.90	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

NR n41 QPSK 50MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5135.98	-66.16	3.20	12.50	Vertical	-56.86	-25.00	31.86	46
3	7703.97	-57.57	4.40	12.30	Vertical	-49.67	-25.00	24.67	190
4	10271.96	-52.91	4.70	11.80	Vertical	-45.81	-25.00	20.81	174
5	12839.95	-52.42	5.40	14.00	Vertical	-43.82	-25.00	18.82	175
6	15407.94	-56.89	6.10	16.80	Vertical	-46.19	-25.00	21.19	24
7	17975.93	-54.01	5.70	14.15	Vertical	-45.56	-25.00	20.56	180
8	20543.92	--	--	--	--	--	--	--	--
9	23111.91	--	--	--	--	--	--	--	--
10	25679.90	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n41 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5085.98	-65.48	3.20	12.50	Vertical	-56.18	-25.00	31.18	45
3	7628.97	-55.64	4.40	12.30	Vertical	-47.74	-25.00	22.74	5
4	10171.96	-53.78	4.70	11.80	Vertical	-46.68	-25.00	21.68	18
5	12714.95	-52.26	5.40	14.00	Vertical	-43.66	-25.00	18.66	254
6	15257.94	-54.99	6.10	16.80	Vertical	-44.29	-25.00	19.29	180
7	17800.93	-55.43	5.70	14.15	Vertical	-46.98	-25.00	21.98	92.00
8	20343.92	--	--	--	--	--	--	--	--
9	22886.91	--	--	--	--	--	--	--	--
10	25429.90	--	--	--	--	--	--	--	--

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n66 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3485.00	-80.05	2.70	12.70	Vertical	-70.05	-13.00	57.05	180
3	5227.50	-77.25	3.20	12.50	Vertical	-67.95	-13.00	54.95	14
4	6970.00	-70.72	4.20	11.80	Vertical	-63.12	-13.00	50.12	44
5	8712.50	-66.68	4.40	12.50	Vertical	-58.58	-13.00	45.58	236
6	10455.00	-63.58	4.70	11.80	Vertical	-56.48	-13.00	43.48	147
7	12197.50	-62.17	5.20	13.80	Vertical	-53.57	-13.00	40.57	37
8	13940.00	-59.89	5.70	13.20	Vertical	-52.39	-13.00	39.39	90
9	15682.50	-67.05	6.10	16.80	Vertical	-56.35	-13.00	43.35	0
10	17425.00	-62.45	6.10	14.20	Vertical	-54.35	-13.00	41.35	86

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

NR n66 QPSK 15MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3475.00	-79.96	2.70	12.70	Vertical	-69.96	-13.00	56.96	170
3	5212.50	-76.91	3.20	12.50	Vertical	-67.61	-13.00	54.61	74
4	6950.00	-71.08	4.20	11.80	Vertical	-63.48	-13.00	50.48	78
5	8687.50	-66.77	4.40	12.50	Vertical	-58.67	-13.00	45.67	69
6	10425.00	-61.77	4.70	11.80	Vertical	-54.67	-13.00	41.67	47
7	12162.50	-61.89	5.20	13.80	Vertical	-53.29	-13.00	40.29	278
8	13900.00	-59.59	5.70	13.20	Vertical	-52.09	-13.00	39.09	57
9	15637.50	-66.82	6.10	16.80	Vertical	-56.12	-13.00	43.12	185
10	17375.00	-62.18	6.10	14.20	Vertical	-54.08	-13.00	41.08	223

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

NR n66 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3450.00	-66.15	2.70	12.70	Vertical	-56.15	-13.00	43.15	14
3	5175.00	-79.58	3.20	12.50	Vertical	-70.28	-13.00	57.28	157
4	6900.00	-73.41	4.20	11.80	Vertical	-65.81	-13.00	52.81	17
5	8625.00	-71.18	4.40	12.50	Vertical	-63.08	-13.00	50.08	90
6	10350.00	-66.12	4.70	11.80	Vertical	-59.02	-13.00	46.02	90
7	12075.00	-62.70	5.20	13.80	Vertical	-54.10	-13.00	41.10	270
8	13800.00	-59.07	5.70	13.20	Vertical	-51.57	-13.00	38.57	8
9	15525.00	-66.00	6.10	16.80	Vertical	-55.30	-13.00	42.30	224
10	17250.00	-62.10	6.10	14.20	Vertical	-54.00	-13.00	41.00	188

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n71 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1356.00	-57.70	1.70	8.70	Vertical	-50.70	-13.00	37.70	115
3	2034.00	-69.79	2.10	11.10	Vertical	-60.79	-13.00	47.79	45
4	2712.00	-69.82	2.30	13.10	Vertical	-59.02	-13.00	46.02	17
5	3390.00	-69.78	2.60	12.70	Vertical	-59.68	-13.00	46.68	44
6	4068.00	-66.60	3.30	12.50	Vertical	-57.40	-13.00	44.40	312
7	4746.00	-66.96	3.40	12.50	Vertical	-57.86	-13.00	44.86	45
8	5424.00	-64.13	3.30	12.50	Vertical	-54.93	-13.00	41.93	117
9	6102.00	-61.03	3.80	11.50	Vertical	-53.33	-13.00	40.33	187
10	6780.00	-60.44	4.20	11.80	Vertical	-52.84	-13.00	39.84	270

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n71 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1351.00	-60.45	1.70	8.70	Vertical	-53.45	-13.00	40.45	31
3	2026.00	-70.12	2.10	11.10	Vertical	-61.12	-13.00	48.12	276
4	2702.00	-70.11	2.30	13.10	Vertical	-59.31	-13.00	46.31	90
5	3377.50	-69.12	2.60	12.70	Vertical	-59.02	-13.00	46.02	180
6	4053.00	-65.84	3.30	12.50	Vertical	-56.64	-13.00	43.64	30
7	4728.50	-66.64	3.40	12.50	Vertical	-57.54	-13.00	44.54	63
8	5404.00	-64.76	3.30	12.50	Vertical	-55.56	-13.00	42.56	77
9	6079.50	-61.33	3.80	11.50	Vertical	-53.63	-13.00	40.63	244
10	6755.00	-61.23	4.20	11.80	Vertical	-53.63	-13.00	40.63	193

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n71 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1341.00	-63.04	1.70	8.70	Vertical	-56.04	-13.00	43.04	33
3	2011.50	-69.34	2.10	11.10	Vertical	-60.34	-13.00	47.34	180
4	2682.00	-69.55	2.30	13.10	Vertical	-58.75	-13.00	45.75	45
5	3352.50	-70.03	2.60	12.70	Vertical	-59.93	-13.00	46.93	90
6	4023.00	-66.12	3.30	12.50	Vertical	-56.92	-13.00	43.92	45
7	4693.50	-66.49	3.40	12.50	Vertical	-57.39	-13.00	44.39	180
8	5364.00	-65.61	3.30	12.50	Vertical	-56.41	-13.00	43.41	187
9	6034.50	-61.63	3.80	11.50	Vertical	-53.93	-13.00	40.93	60
10	6705.00	-60.51	4.20	11.80	Vertical	-52.91	-13.00	39.91	180

Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Vertical position.

NR n77 Subset 1 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	6980.00	-59.70	4.2	11.80	Vertical	-52.10	-13.00	39.10	1
3	10470.00	-53.76	5.1	13.00	Vertical	-45.86	-13.00	32.86	315
4	13960.00	-49.08	5.8	12.80	Vertical	-42.08	-13.00	29.08	27
5	17450.00	-48.66	6.0	10.10	Vertical	-44.56	-13.00	31.56	24
6	20940.00	--	--	--	--	--	--	--	--
7	24430.00	--	--	--	--	--	--	--	--
8	27920.00	--	--	--	--	--	--	--	--
9	31410.00	--	--	--	--	--	--	--	--
10	34900.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n77 Subset 1 40MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	6960.00	-61.25	4.2	11.80	Vertical	-53.65	-13.00	40.65	234
3	10440.00	-52.95	5.1	13.00	Vertical	-45.05	-13.00	32.05	48
4	13920.00	-48.74	5.8	12.80	Vertical	-41.74	-13.00	28.74	0
5	17400.00	-48.16	6.0	10.10	Vertical	-44.06	-13.00	31.06	166
6	20880.00	--	--	--	--	--	--	--	--
7	24360.00	--	--	--	--	--	--	--	--
8	27840.00	--	--	--	--	--	--	--	--
9	31320.00	--	--	--	--	--	--	--	--
10	34800.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n77 Subset 1 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	6900.00	-64.37	4.2	11.80	Vertical	-56.77	-13.00	43.77	98
3	10350.00	-57.39	5.1	13.00	Vertical	-49.49	-13.00	36.49	187
4	13800.00	-53.68	5.8	12.80	Vertical	-46.68	-13.00	33.68	25
5	17250.00	-54.20	6.0	10.10	Vertical	-50.10	-13.00	37.10	278
6	20700.00	--	--	--	--	--	--	--	--
7	24150.00	--	--	--	--	--	--	--	--
8	27600.00	--	--	--	--	--	--	--	--
9	31050.00	--	--	--	--	--	--	--	--
10	34500.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n77 Subset 2 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7480.00	-56.00	4.40	12.20	Vertical	-48.20	-13.00	35.20	45
3	11220.00	-51.47	5.90	11.90	Vertical	-45.47	-13.00	32.47	270
4	14960.00	-53.68	6.10	16.80	Vertical	-42.98	-13.00	29.98	14
5	18700.00	--	--	--	--	--	--	--	--
6	22440.00	--	--	--	--	--	--	--	--
7	26180.00	--	--	--	--	--	--	--	--
8	29920.00	--	--	--	--	--	--	--	--
9	33660.00	--	--	--	--	--	--	--	--
10	37400.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n77 Subset 2 40MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7460.00	-55.72	4.40	12.20	Vertical	-47.92	-13.00	34.92	45
3	11190.00	-51.39	5.90	11.90	Vertical	-45.39	-13.00	32.39	279
4	14920.00	-52.63	6.10	16.80	Vertical	-41.93	-13.00	28.93	270
5	18650.00	--	--	--	--	--	--	--	--
6	22380.00	--	--	--	--	--	--	--	--
7	26110.00	--	--	--	--	--	--	--	--
8	29840.00	--	--	--	--	--	--	--	--
9	33570.00	--	--	--	--	--	--	--	--
10	37300.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n77 Subset 2 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7400.00	-61.16	4.40	12.20	Vertical	-53.36	-13.00	40.36	14
3	11100.00	-52.20	5.90	11.90	Vertical	-46.20	-13.00	33.20	37
4	14800.00	-58.84	6.10	16.80	Vertical	-48.14	-13.00	35.14	133
5	18500.00	--	--	--	--	--	--	--	--
6	22200.00	--	--	--	--	--	--	--	--
7	25900.00	--	--	--	--	--	--	--	--
8	29600.00	--	--	--	--	--	--	--	--
9	33300.00	--	--	--	--	--	--	--	--
10	37000.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n78 Subset 1 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	6980.00	-60.22	4.2	11.80	Vertical	-52.62	-13.00	39.62	1
3	10470.00	-52.75	5.1	13.00	Vertical	-44.85	-13.00	31.85	315
4	13960.00	-49.28	5.8	12.80	Vertical	-42.28	-13.00	29.28	27
5	17450.00	-47.46	6.0	10.10	Vertical	-43.36	-13.00	30.36	24
6	20940.00	--	--	--	--	--	--	--	--
7	24430.00	--	--	--	--	--	--	--	--
8	27920.00	--	--	--	--	--	--	--	--
9	31410.00	--	--	--	--	--	--	--	--
10	34900.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n78 Subset 1 40MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	6960.00	-65.36	4.2	11.80	Vertical	-57.76	-13.00	44.76	234
3	10440.00	-57.69	5.1	13.00	Vertical	-49.79	-13.00	36.79	48
4	13920.00	-53.84	5.8	12.80	Vertical	-46.84	-13.00	33.84	79
5	17400.00	-55.14	6.0	10.10	Vertical	-51.04	-13.00	38.04	166
6	20880.00	--	--	--	--	--	--	--	--
7	24360.00	--	--	--	--	--	--	--	--
8	27840.00	--	--	--	--	--	--	--	--
9	31320.00	--	--	--	--	--	--	--	--
10	34800.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n78 Subset 1 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	6900.00	-59.33	4.2	11.80	Vertical	-51.73	-13.00	38.73	98
3	10350.00	-51.99	5.1	13.00	Vertical	-44.09	-13.00	31.09	187
4	13800.00	-49.45	5.8	12.80	Vertical	-42.45	-13.00	29.45	25
5	17250.00	-47.45	6.0	10.10	Vertical	-43.35	-13.00	30.35	14
6	20700.00	--	--	--	--	--	--	--	--
7	24150.00	--	--	--	--	--	--	--	--
8	27600.00	--	--	--	--	--	--	--	--
9	31050.00	--	--	--	--	--	--	--	--
10	34500.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n78 Subset 2 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7480.00	-55.38	4.40	12.20	Vertical	-47.58	-13.00	34.58	278
3	11220.00	-51.59	5.90	11.90	Vertical	-45.59	-13.00	32.59	12
4	14960.00	-53.74	6.10	16.80	Vertical	-43.04	-13.00	30.04	14
5	18700.00	--	--	--	--	--	--	--	--
6	22440.00	--	--	--	--	--	--	--	--
7	26180.00	--	--	--	--	--	--	--	--
8	29920.00	--	--	--	--	--	--	--	--
9	33660.00	--	--	--	--	--	--	--	--
10	37400.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n78 Subset 2 40MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7460.00	-55.51	4.40	12.20	Vertical	-47.71	-13.00	34.71	45
3	11190.00	-52.88	5.90	11.90	Vertical	-46.88	-13.00	33.88	279
4	14920.00	-53.61	6.10	16.80	Vertical	-42.91	-13.00	29.91	133
5	18650.00	--	--	--	--	--	--	--	--
6	22380.00	--	--	--	--	--	--	--	--
7	26110.00	--	--	--	--	--	--	--	--
8	29840.00	--	--	--	--	--	--	--	--
9	33570.00	--	--	--	--	--	--	--	--
10	37300.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n78 Subset 2 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7400.00	-61.31	4.40	12.20	Vertical	-53.51	-13.00	40.51	14
3	11100.00	-52.59	5.90	11.90	Vertical	-46.59	-13.00	33.59	18
4	14800.00	-58.45	6.10	16.80	Vertical	-47.75	-13.00	34.75	133
5	18500.00	--	--	--	--	--	--	--	--
6	22200.00	--	--	--	--	--	--	--	--
7	25900.00	--	--	--	--	--	--	--	--
8	29600.00	--	--	--	--	--	--	--	--
9	33300.00	--	--	--	--	--	--	--	--
10	37000.00	--	--	--	--	--	--	--	--
Note: 1. The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

7 Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV30	100815	2023-12-05	2024-12-04
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	391	2022-09-29	2025-09-28
Horn Antenna	SCHWARZBECK	BBHA 9120D	1594	2023-12-05	2026-12-04
Software	R&S	EMC32	10.35.10	/	/

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.

***** END OF REPORT *****